ARCADIS Design & Consultancy for natural and built assets

RACER Trust

SEMI-ANNUAL PROGRESS AND DATA REPORT

Second Half 2017

Former GM Delco Plant 5
Kokomo, Indiana

January 12, 2018

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A Second Half 2017 Progress Report

B Groundwater Analytical Reports and Data Validation Reports (Provided on CD)

INTRODUCTION

Arcadis U.S. Inc. (Arcadis) has prepared this Semi-Annual Progress and Data Report on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust. This report summarizes the second half 2017 activities related to groundwater gauging and groundwater sampling at the Former GM Delco Plant 5 in Kokomo, Indiana (the Site).

1 PROGRESS REPORT

In accordance with Section VII, Paragraph 26.b of the Administrative Order on Consent (United States Environmental Protection Agency [USEPA] Docket No. RCRA-05-2011-0017), the Second Half 2017 Progress Report is included as Appendix A and provides a summary of work performed to date, data collected, problems encountered, project schedule, and percent project completed. On December 22, 2016, the USEPA approved a reduction in the reporting frequency for the progress reports from quarterly to semi-annually.

2 GROUNDWATER GAUGING

On September 6, 2017, Arcadis measured the depth to groundwater at 61 monitoring wells located in the upper two sand and gravel units (S1 Unit and S2 Unit) at the Site. Monitoring well MW-0611-S1 could not be located during the gauging event due to concrete debris covering the monitoring well. The groundwater gauging data presented in Table 1 were used to calculate groundwater elevations at each of the monitoring wells. The groundwater elevation contours in the S1 Unit are provided as Figure 1. The groundwater elevation contours in the S2 Unit are provided as Figure 2.

Potentiometric Data for S1 and S2 Units – September 2017

Sand and Gravel Unit	Potentiometric Surface Elevation (ft amsl)	General Gradient Direction
S1	811.50 to 815.50	East-Southeast
S2 (shallow gradient)	811.84 to 813.49	Southwest

ft amsl = feet above mean sea level

Groundwater in both the S1 Unit and S2 Unit are confined by overlying clay till units. Groundwater flow directions within the S1 Unit and S2 Unit are consistent with previously observed groundwater contours and with those used in groundwater modeling previously performed by Arcadis. Arcadis will continue to evaluate the groundwater potentiometric surfaces and monitor flow directions for both the S1 Unit and S2 Unit through future gauging events.

3 SEMI-ANNUAL GROUNDWATER SAMPLING

On September 9, 2017, Arcadis deployed PDBs in 33 monitoring wells on and off site. Prior to deploying the PDBs, the depth to groundwater and a total depth of the monitoring wells were measured. Each PDB

is connected to a dedicated line in the monitoring well to ensure placement in the center of the screen. The PDBs were allowed to equilibrate inside each monitoring well for a 3-week period. On September 27, 2017, the PDBs were removed from the monitoring wells, and groundwater samples were collected through a dedicated straw directly into laboratory-supplied containers. Monitoring well MW-0611-S1 could not be located during the PDB deployment event, due to concrete debris covering the monitoring well. On October 3, 2017, Arcadis located and uncovered monitoring well MW-0611-S1. On October 11, 2017, MW-0611-S1 was sampled following standard low-flow procedures. All containers were immediately sealed, labeled, placed in an ice-packed cooler, and transported to Pace Analytical Services, located in Indianapolis, Indiana. The groundwater samples were analyzed for VOCs in accordance with the USEPA SW-846, Method 8260.

VOC analytical results for groundwater samples collected during the reporting period are presented in Table 2. Only analytes that have been detected at concentrations higher than the laboratory reporting limits during one or more monitoring events are presented in Table 2 and include:

- 1,1,1-trichloroethane (1,1,1-TCA)
- 1,1-dichloroethane (1,1-DCA)
- 1,1-dichloroethene (1,1-DCE)
- Acetone
- Benzene
- Chloroform
- cis-1,2-dichloroethene (cis-1,2-DCE)
- Cyclohexane
- Methylene chloride
- Tetrachloroethene (PCE)
- Toluene
- trans-1,2-dichloroethene (trans-1,2-DCE)
- Trichloroethene (TCE)
- Vinyl chloride

The analytical results were compared to Drinking Water Screening Criteria (Maximum Contaminant Levels [MCLs] or the Indiana Department of Environmental Management [IDEM] Remediation Closure Guide [RCG] Tap Water Criteria, where MCLs are not established). The analytical results are presented on Figure 3. Only analytes that have been detected at concentrations higher than the laboratory reporting limits during one or more monitoring events are presented in the databoxes on Figure 3.

Based on the groundwater data collected during the second half 2017, cis-1,2-DCE; trans-1,2-DCE; TCE; and vinyl chloride were detected at concentrations higher than their respective Drinking Water Screening Criteria in one or more groundwater samples. One or more of these compounds were detected at concentrations higher than their respective Drinking Water Screening Criteria in 17 monitoring wells, six (MW-0606-S1, MW-0608-S1, MW-0609-S1, MW-0612-S1, MW-0704-S1, MW-0705-S1) of which are off-site. Since TCE is the primary constituent of concern at the site, Figure 4 presents groundwater isoconcentration contours for TCE in the S1 Unit. The laboratory analytical reports, along with the validation summaries, are provided in Appendix B.

Off-site groundwater analytical results were compared to site-specific Groundwater Vapor Intrusion Screening Criteria, as presented in Table 3 and shown on Figure 5. These criteria have been established for two conditions off site:

- Off-site Residential
- Off-site Commercial/Industrial

The screening criteria were calculated following an approach described in the IDEM 2013 Remediation Closure Guide (RCG) and detailed in the Risk Assessment Addendum to CMP Amendment (Arcadis 2014). TCE concentrations observed at monitoring well MW-0704-S1(2,150 µg/L) exceeded the site-specific Groundwater Vapor Intrusion Screening Criteria for Off-site Residential (1,540 µg/L) and were equal to the site-specific Off-site Commercial/Industrial (2,150 µg/L). No other constituents were detected at concentrations greater than or equal to the Groundwater Vapor Intrusion Screening Criteria.

4 SUMMARY AND CONCLUSIONS

During the second half 2017 groundwater sampling event, concentrations of site-specific constituents of concern were higher than the Drinking Water Screening Criteria in 17 of the 34 groundwater monitoring wells sampled with six of those monitoring wells located off-site. The TCE concentration detected in groundwater from monitoring wells MW-0704-S1, located immediately east of the Site, exceeded both the site-specific Groundwater Vapor Intrusion Screening Criteria for Off-site Residential and Off-site Commercial/Industrial.

Groundwater concentrations are relatively similar to past monitoring events with the following exceptions:

- MW-0101-S1U – cis-1,2-DCE was almost three times higher and TCE was not detected at a reporting limit two orders of magnitude lower than previous sampling events
- MW-0517-S1 – Concentrations of cis-1,2-DCE and TCE were one to two orders of magnitude lower than previous sampling events
- MW-0612-S1 – Concentration of TCE was an order of magnitude lower than previous sampling events
- MW-0620-S1 – Concentration of TCE was an order of magnitude lower than previous sampling events

The groundwater isoconcentration contours for TCE remain relatively stable. A semi-annual groundwater sampling event will be conducted during the first half of 2018 to continue to support evaluation of potential corrective measures and potential risks associated with the groundwater.

5 REFERENCES

Arcadis. 2014. Risk Assessment Addendum to CMP Amendment. Former GM Delco Plant 5, Kokomo, Indiana. June.

TABLES

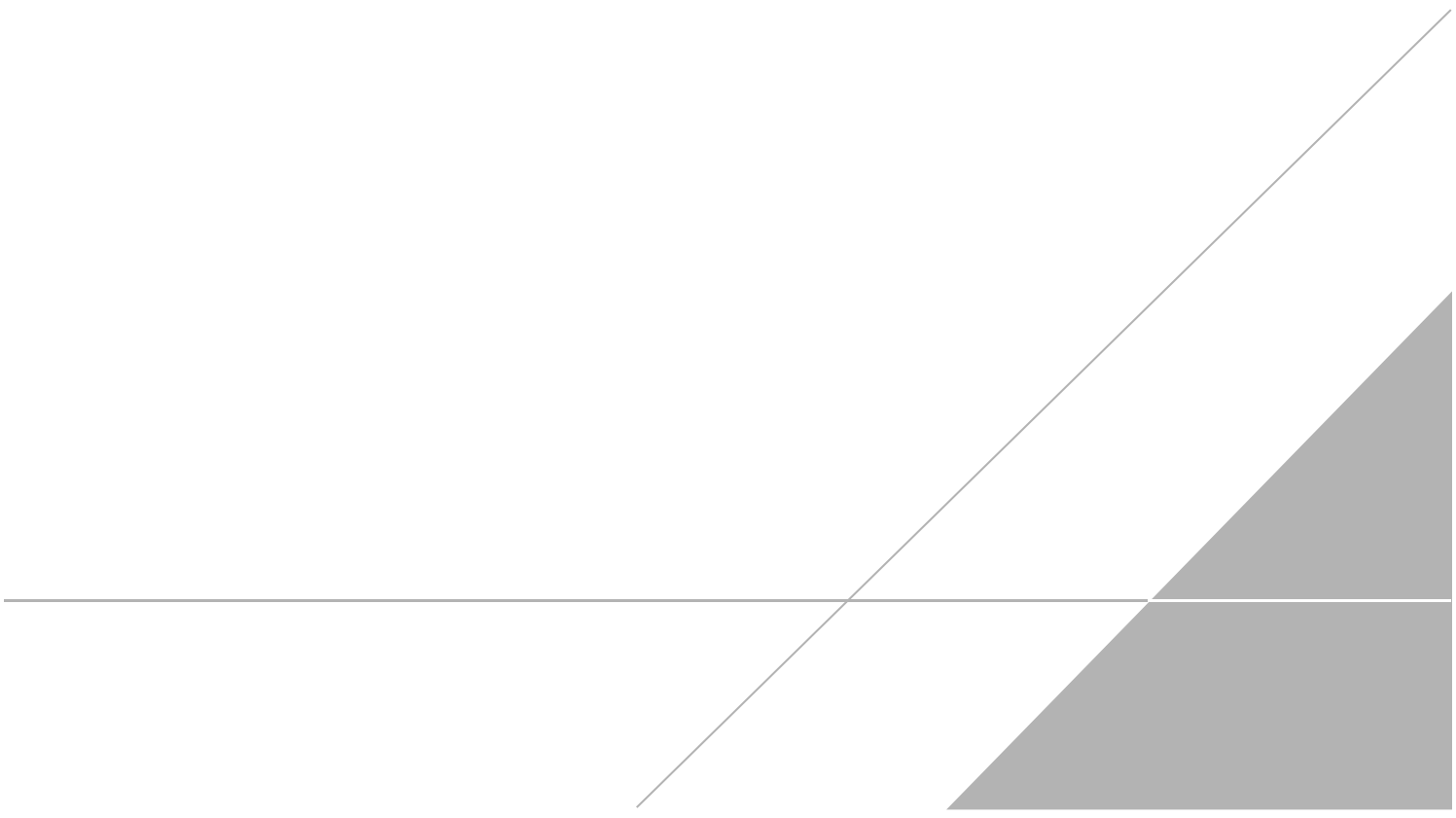

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0101-P1	11/15/2004	8.13	9.85	826.36	818.23
MW-0101-P1	10/25/2005	9.51	9.98	826.36	816.85
MW-0101-P1	3/24/2006	Abandoned Well			
MW-0101-S1U	11/15/2004	11.15	17.50	826.36	815.21
MW-0101-S1U	10/25/2005	12.02	17.51	826.36	814.34
MW-0101-S1U	3/24/2006	10.52	17.23	826.36	815.84
MW-0101-S1U	3/31/2006	9.75	17.23	826.36	816.61
MW-0101-S1U	4/28/2006	10.42	NM	826.36	815.94
MW-0101-S1U	12/5/2006	9.13	17.51	826.36	817.23
MW-0101-S1U	3/8/2007	10.21	17.51	826.36	816.15
MW-0101-S1U	1/16/2008	10.69	17.61	826.36	815.67
MW-0101-S1U	11/11/2008	14.31	17.46	826.36	812.05
MW-0101-S1U	2/17/2009	12.66	NM	826.36	813.70
MW-0101-S1U	6/12/2009	11.18	NM	826.36	815.18
MW-0101-S1U	3/29/2012	11.23	17.70	826.36	815.13
MW-0101-S1U	10/9/2012	13.76	17.50	826.36	812.60
MW-0101-S1U	3/12/2013	11.73	17.50	826.36	814.63
MW-0101-S1U	9/24/2013	12.70	17.76	826.36	813.66
MW-0101-S1U	4/22/2014	11.46	17.66	826.36	814.90
MW-0101-S1U	9/3/2014	13.09	17.64	826.36	813.27
MW-0101-S1U	3/10/2015	12.03	16.64	826.36	814.33
MW-0101-S1U	9/8/2015	12.10	17.45	826.36	814.26
MW-0101-S1U	3/10/2016	11.68	17.77	826.36	814.68
MW-0101-S1U	9/7/2016	12.47	17.64	826.36	813.89
MW-0101-S1U	11/16/2016	12.63	NM	826.36	813.73
MW-0101-S1U	3/3/2017	11.22	17.37	825.74	814.52
MW-0101-S1U	9/6/2017	11.69	17.61	825.74	814.05
MW-0102-S1U	11/15/2004	11.10	26.00	826.36	815.26
MW-0102-S1U	9/20/2005	12.28	26.14	826.36	814.08
MW-0102-S1U	10/20/2005	12.12	26.28	826.36	814.24
MW-0102-S1U	10/25/2005	12.03	26.28	826.36	814.33
MW-0102-S1U	3/22/2006	10.50	25.90	826.36	815.86
MW-0102-S1U	3/31/2006	9.73	25.90	826.36	816.63
MW-0102-S1U	4/28/2006	10.47	NM	826.36	815.89
MW-0102-S1U	12/5/2006	9.33	NM	826.36	817.03
MW-0102-S1U	3/8/2007	10.32	26.28	826.36	816.04
MW-0102-S1U	1/16/2008	11.00	26.40	826.36	815.36
MW-0102-S1U	11/11/2008	14.33	26.26	826.36	812.03
MW-0102-S1U	2/17/2009	12.51	NM	826.36	813.85
MW-0102-S1U	6/12/2009	11.18	NM	826.36	815.18
MW-0102-S1U	3/29/2012	11.25	26.43	826.36	815.11
MW-0102-S1U	10/9/2012	13.76	26.25	826.36	812.60
MW-0102-S1U	3/12/2013	11.91	26.15	826.36	814.45

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Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0102-S1U	9/24/2013	12.74	26.41	826.36	813.62
MW-0102-S1U	4/22/2014	11.45	26.37	826.36	814.91
MW-0102-S1U	9/3/2014	13.06	26.40	826.36	813.30
MW-0102-S1U	3/10/2015	12.02	26.38	826.36	814.34
MW-0102-S1U	9/8/2015	12.15	26.21	826.36	814.21
MW-0102-S1U	3/10/2016	11.63	27.46	826.36	814.73
MW-0102-S1U	9/7/2016	12.39	26.41	826.36	813.97
MW-0102-S1U	11/16/2016	12.66	NM	826.36	813.70
MW-0102-S1U	3/3/2017	11.17	26.12	825.63	814.46
MW-0102-S1U	9/6/2017	11.70	26.38	825.63	813.93
MW-0103-S1U	10/25/2005	13.47	NM	828.15	814.68
MW-0103-S1U	11/15/2005	12.60	20.00	828.15	815.55
MW-0103-S1U	3/22/2006	12.03	19.76	828.15	816.12
MW-0103-S1U	3/31/2006	11.26	19.76	828.15	816.89
MW-0103-S1U	4/28/2006	11.91	NM	828.15	816.24
MW-0103-S1U	12/5/2006	10.70	19.77	828.15	817.45
MW-0103-S1U	3/8/2007	11.71	19.76	828.15	816.44
MW-0103-S1U	1/16/2008	12.46	19.89	828.15	815.69
MW-0103-S1U	11/11/2008	15.87	19.81	828.15	812.28
MW-0103-S1U	2/17/2009	14.06	NM	828.15	814.09
MW-0103-S1U	6/12/2009	12.63	NM	828.15	815.52
MW-0103-S1U	10/9/2012	15.30	19.66	828.15	812.85
MW-0103-S1U	3/12/2013	13.47	19.66	828.15	814.68
MW-0103-S1U	9/24/2013	14.29	19.75	828.15	813.86
MW-0103-S1U	4/22/2014	12.94	19.74	828.15	815.21
MW-0103-S1U	9/3/2014	14.59	19.62	828.15	813.56
MW-0103-S1U	3/10/2015	13.55	19.65	828.15	814.60
MW-0103-S1U	9/8/2015	13.57	19.64	828.15	814.58
MW-0103-S1U	3/10/2016	13.08	19.73	828.15	815.07
MW-0103-S1U	9/7/2016	13.90	19.72	828.15	814.25
MW-0103-S1U	11/16/2016	14.19	NM	828.15	813.96
MW-0103-S1U	3/3/2017	12.71	19.75	827.57	814.86
MW-0103-S1U	9/6/2017	13.18	19.68	827.57	814.39
MW-0501-P1	9/20/2005	12.09	18.85	828.62	816.53
MW-0501-P1	10/18/2005	13.22	18.95	828.62	815.40
MW-0501-P1	10/25/2005	12.97	18.95	828.62	815.65
MW-0501-P1	3/22/2006	12.67	18.95	828.62	815.95
MW-0501-P1	3/31/2006	11.84	18.95	828.62	816.78
MW-0501-P1	4/28/2006	11.29	NM	828.62	817.33
MW-0501-P1	12/5/2006	10.46	18.69	828.62	818.16
MW-0501-P1	3/8/2007	10.79	18.71	828.62	817.83
MW-0501-P1	1/16/2008	11.82	18.80	828.62	816.80
MW-0501-P1	11/11/2008	14.48	18.71	828.62	814.14
MW-0501-P1	2/17/2009	11.93	NM	828.62	816.69

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MW-0501-S1	3/22/2006	12.18	34.39	828.65	816.47
MW-0501-S1	3/31/2006	11.41	34.39	828.65	817.24
MW-0501-S1	4/28/2006	12.07	NM	828.65	816.58
MW-0501-S1	12/5/2006	10.84	33.95	828.65	817.81
MW-0501-S1	3/8/2007	11.90	33.74	828.65	816.75
MW-0501-S1	1/16/2008	12.67	33.95	828.65	815.98
MW-0501-S1	11/11/2008	16.10	33.60	828.65	812.55
MW-0501-S1	2/17/2009	14.44	NM	828.65	814.21
MW-0501-S1	6/12/2009	12.77	NM	828.65	815.88
MW-0501-S1	4/13/2010	12.52	33.33	828.65	816.13
MW-0501-S1	9/5/2010	15.30	33.00	828.65	813.35
MW-0501-S1	4/20/2011	12.12	32.98	828.65	816.53
MW-0501-S1	9/27/2011	13.26	33.14	828.65	815.39
MW-0501-S1	3/29/2012	12.89	33.11	828.65	815.76
MW-0501-S1	10/9/2012	15.59	32.95	828.65	813.06
MW-0501-S1	3/12/2013	13.73	32.95	828.65	814.92
MW-0501-S1	9/24/2013	14.48	33.00	828.65	814.17
MW-0501-S1	4/22/2014	13.08	32.99	828.65	815.57
MW-0501-S1	9/3/2014	14.82	32.94	828.65	813.83
MW-0501-S1	3/10/2015	13.78	32.86	828.65	814.87
MW-0501-S1	9/8/2015	13.92	32.60	828.65	814.73
MW-0501-S1	3/10/2016	13.34	32.84	828.65	815.31
MW-0501-S1	9/7/2016	14.11	32.85	828.65	814.54
MW-0501-S1	11/16/2016	14.45	NM	828.65	814.20
MW-0501-S1	3/3/2017	12.89	32.51	827.92	815.03
MW-0501-S1	9/6/2017	13.37	32.71	827.92	814.55
MW-0501-S2	10/18/2005	14.87	76.30	828.75	813.88
MW-0501-S2	10/25/2005	15.02	76.30	828.75	813.73
MW-0501-S2	3/21/2006	12.83	76.30	828.75	815.92
MW-0501-S2	3/31/2006	11.98	76.30	828.75	816.77
MW-0501-S2	4/28/2006	12.00	NM	828.75	816.75
MW-0501-S2	12/5/2006	9.83	76.13	828.75	818.92
MW-0501-S2	3/8/2007	11.79	76.09	828.75	816.96
MW-0501-S2	1/16/2008	14.80	76.20	828.75	813.95
MW-0501-S2	11/11/2008	21.21	76.12	828.75	807.54
MW-0501-S2	2/17/2009	17.60	NM	828.75	811.15
MW-0501-S2	6/12/2009	15.49	NM	828.75	813.26
MW-0501-S2	4/13/2010	14.37	76.12	828.75	814.38
MW-0501-S2	9/5/2010	19.74	76.11	828.75	809.01
MW-0501-S2	4/20/2011	15.01	76.00	828.75	813.74
MW-0501-S2	9/27/2011	17.44	75.24	828.75	811.31
MW-0501-S2	3/29/2012	14.62	76.21	828.75	814.13
MW-0501-S2	10/9/2012	20.48	76.15	828.75	808.27
MW-0501-S2	3/12/2013	15.08	76.15	828.75	813.67
MW-0501-S2	9/24/2013	17.93	76.20	828.75	810.82

Table 1
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Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0501-S2	4/22/2014	15.80	77.48	828.75	812.95
MW-0501-S2	9/3/2014	19.70	77.62	828.75	809.05
MW-0501-S2	3/10/2015	17.08	NM	828.75	811.67
MW-0501-S2	9/8/2015	15.21	74.02	828.75	813.54
MW-0501-S2	3/10/2016	15.33	76.24	828.75	813.42
MW-0501-S2	9/7/2016	18.36	76.25	828.75	810.39
MW-0501-S2	11/16/2016	16.55	NM	828.75	812.20
MW-0501-S2	3/3/2017	13.88	76.05	828.08	814.20
MW-0501-S2	9/6/2017	16.21	76.20	828.08	811.87
MW-0501-S3	10/20/2005	15.00	94.98	828.78	813.78
MW-0501-S3	10/25/2005	15.04	94.98	828.78	813.74
MW-0501-S3	3/21/2006	12.81	94.98	828.78	815.97
MW-0501-S3	3/31/2006	12.06	94.98	828.78	816.72
MW-0501-S3	4/28/2006	12.02	NM	828.78	816.76
MW-0501-S3	12/5/2006	10.48	94.75	828.78	818.30
MW-0501-S3	3/8/2007	11.86	94.64	828.78	816.92
MW-0501-S3	1/16/2008	14.86	94.80	828.78	813.92
MW-0501-S3	11/11/2008	21.27	94.85	828.78	807.51
MW-0501-S3	2/17/2009	17.68	NM	828.78	811.10
MW-0501-S3	6/12/2009	15.58	NM	828.78	813.20
MW-0501-S3	4/13/2010	14.42	94.73	828.78	814.36
MW-0501-S3	9/5/2010	19.82	96.05	828.78	808.96
MW-0501-S3	4/20/2011	15.11	94.60	828.78	813.67
MW-0501-S3	9/27/2011	17.44	94.90	828.78	811.34
MW-0501-S3	10/9/2012	14.20	31.91	828.78	814.58
MW-0501-S3	8/24/2015	Abandoned Well			
MW-0502-S1	9/20/2005	12.20	32.59	826.34	814.14
MW-0502-S1	10/19/2005	11.91	32.78	826.34	814.43
MW-0502-S1	10/25/2005	11.91	32.78	826.34	814.43
MW-0502-S1	3/24/2006	10.41	32.54	826.34	815.93
MW-0502-S1	3/31/2006	9.64	32.54	826.34	816.70
MW-0502-S1	4/28/2006	10.32	NM	826.34	816.02
MW-0502-S1	12/5/2006	9.25	NM	826.34	817.09
MW-0502-S1	3/8/2007	10.12	32.50	826.34	816.22
MW-0502-S1	1/16/2008	10.95	32.62	826.34	815.39
MW-0502-S1	11/11/2008	14.22	32.40	826.34	812.12
MW-0502-S1	2/17/2009	12.54	NM	826.34	813.80
MW-0502-S1	6/12/2009	11.04	NM	826.34	815.30
MW-0502-S1	4/13/2010	10.78	32.55	826.34	815.56
MW-0502-S1	9/5/2010	13.46	32.60	826.34	812.88
MW-0502-S1	4/20/2011	10.29	32.45	826.34	816.05
MW-0502-S1	9/27/2011	11.44	32.65	826.34	814.90
MW-0502-S1	3/29/2012	11.08	32.61	826.34	815.26
MW-0502-S1	10/9/2012	13.65	32.51	826.34	812.69

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0502-S1	3/12/2013	11.73	32.51	826.34	814.61
MW-0502-S1	9/24/2013	12.62	32.63	826.34	813.72
MW-0502-S1	4/22/2014	11.35	32.62	826.34	814.99
MW-0502-S1	9/3/2014	12.96	32.66	826.34	813.38
MW-0502-S1	3/10/2015	11.90	32.63	826.34	814.44
MW-0502-S1	9/8/2015	12.02	32.39	826.34	814.32
MW-0502-S1	3/10/2016	11.51	32.62	826.34	814.83
MW-0502-S1	9/7/2016	12.26	32.55	826.34	814.08
MW-0502-S1	11/16/2016	12.51	NM	826.34	813.83
MW-0502-S1	3/3/2017	11.08	31.95	825.72	814.64
MW-0502-S1	9/6/2017	11.58	32.19	825.72	814.14
MW-0503-S1	10/18/2005	12.51	32.57	826.82	814.31
MW-0503-S1	10/25/2005	12.51	32.57	826.82	814.31
MW-0503-S1	3/24/2006	11.09	32.27	826.82	815.73
MW-0503-S1	3/31/2006	10.32	32.27	826.82	816.50
MW-0503-S1	4/28/2006	11.00	NM	826.82	815.82
MW-0503-S1	12/5/2006	9.84	NM	826.82	816.98
MW-0503-S1	3/8/2007	10.80	32.32	826.82	816.02
MW-0503-S1	1/16/2008	11.57	32.42	826.82	815.25
MW-0503-S1	11/11/2008	14.75	32.20	826.82	812.07
MW-0503-S1	2/17/2009	12.96	NM	826.82	813.86
MW-0503-S1	6/12/2009	11.68	NM	826.82	815.14
MW-0503-S1	4/13/2010	11.46	32.16	826.82	815.36
MW-0503-S1	9/5/2010	14.04	32.00	826.82	812.78
MW-0503-S1	4/20/2011	10.87	31.98	826.82	815.95
MW-0503-S1	9/27/2011	11.99	32.35	826.82	814.83
MW-0503-S1	3/29/2012	11.77	32.40	826.82	815.05
MW-0503-S1	10/9/2012	14.20	31.91	826.82	812.62
MW-0503-S1	3/12/2013	12.35	31.91	826.82	814.47
MW-0503-S1	9/24/2013	13.20	32.30	826.82	813.62
MW-0503-S1	4/22/2014	11.95	31.87	826.82	814.87
MW-0503-S1	9/3/2014	13.51	31.96	826.82	813.31
MW-0503-S1	3/10/2015	12.49	31.56	826.82	814.33
MW-0503-S1	9/8/2015	12.62	31.20	826.82	814.2
MW-0503-S1	3/10/2016	12.11	31.32	826.82	814.71
MW-0503-S1	9/7/2016	12.80	13.34	826.82	814.02
MW-0503-S1	11/16/2016	13.13	NM	826.82	813.69
MW-0503-S1	3/3/2017	11.73	30.90	826.25	814.52
MW-0503-S1	9/6/2017	12.20	30.94	826.25	814.05
MW-0503-S2	10/18/2005	13.28	68.33	826.81	813.53
MW-0503-S2	10/25/2005	13.27	68.33	826.81	813.54
MW-0503-S2	3/24/2006	10.38	68.05	826.81	816.43
MW-0503-S2	3/31/2006	9.53	68.05	826.81	817.28
MW-0503-S2	4/28/2006	10.51	NM	826.81	816.30

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0503-S2	12/5/2006	9.06	NM	826.81	817.75
MW-0503-S2	3/8/2007	10.28	68.13	826.81	816.53
MW-0503-S2	1/16/2008	12.92	68.30	826.81	813.89
MW-0503-S2	11/11/2008	18.80	68.19	826.81	808.01
MW-0503-S2	2/17/2009	15.41	NM	826.81	811.40
MW-0503-S2	6/12/2009	13.57	NM	826.81	813.24
MW-0503-S2	3/10/2016	13.46	NM	826.81	813.35
MW-0503-S2	9/7/2016	14.76	67.89	826.81	812.05
MW-0503-S2	11/16/2016	14.69	NM	826.81	812.12
MW-0503-S2	3/3/2017	12.30	68.37	826.25	813.95
MW-0503-S2	9/6/2017	14.29	68.23	826.25	811.96
MW-0504-I2	10/18/2005	19.66	39.87	826.51	806.85
MW-0504-I2	10/25/2005	13.03	39.87	826.51	813.48
MW-0504-I2	3/27/2006	11.53	39.61	826.51	814.98
MW-0504-I2	3/31/2006	10.71	39.61	826.51	815.80
MW-0504-I2	4/28/2006	11.19	NM	826.51	815.32
MW-0504-I2	12/5/2006	10.08	NM	826.51	816.43
MW-0504-I2	3/8/2007	11.60	39.65	826.51	814.91
MW-0504-I2	1/16/2008	11.67	39.80	826.51	814.84
MW-0504-I2	11/11/2008	14.84	39.71	826.51	811.67
MW-0504-I2	2/17/2009	12.99	NM	826.51	813.52
MW-0504-S1	9/20/2005	12.51	29.73	826.15	813.64
MW-0504-S1	10/18/2005	12.25	29.19	826.15	813.90
MW-0504-S1	10/25/2005	12.23	29.19	826.15	813.92
MW-0504-S1	3/27/2006	11.10	28.69	826.15	815.05
MW-0504-S1	3/31/2006	10.33	28.69	826.15	815.82
MW-0504-S1	4/28/2006	10.88	NM	826.15	815.27
MW-0504-S1	12/5/2006	10.78	NM	826.15	815.37
MW-0504-S1	3/8/2007	10.68	30.82	826.15	815.47
MW-0504-S1	1/16/2008	11.25	30.90	826.15	814.90
MW-0504-S1	11/11/2008	14.40	30.76	826.15	811.75
MW-0504-S1	2/17/2009	12.58	NM	826.15	813.57
MW-0504-S1	6/12/2009	11.51	NM	826.15	814.64
MW-0504-S1	10/9/2012	13.84	30.71	826.15	812.31
MW-0504-S1	3/12/2013	12.02	30.71	826.15	814.13
MW-0504-S1	9/24/2013	12.90	30.98	826.15	813.25
MW-0504-S1	4/22/2014	11.81	30.91	826.15	814.34
MW-0504-S1	9/3/2014	13.21	31.71	826.15	812.94
MW-0504-S1	3/10/2015	12.22	30.55	826.15	813.93
MW-0504-S1	9/8/2015	12.38	30.15	826.15	813.77
MW-0504-S1	3/10/2016	11.84	30.76	826.15	814.31
MW-0504-S1	9/7/2016	12.58	30.50	826.15	813.57
MW-0504-S1	11/16/2016	12.80	NM	826.15	813.35

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0504-S1	3/3/2017	11.49	29.93	825.55	814.06
MW-0504-S1	9/6/2017	11.96	30.40	825.55	813.59
MW-0504-S2	3/27/2006	10.23	60.45	826.41	816.18
MW-0504-S2	3/31/2006	9.38	60.45	826.41	817.03
MW-0504-S2	4/28/2006	10.11	NM	826.41	816.30
MW-0504-S2	12/5/2006	8.70	NM	826.41	817.71
MW-0504-S2	3/8/2007	10.00	60.52	826.41	816.41
MW-0504-S2	1/16/2008	12.50	60.63	826.41	813.91
MW-0504-S2	11/11/2008	18.46	60.55	826.41	807.95
MW-0504-S2	2/17/2009	14.97	NM	826.41	811.44
MW-0504-S2	6/12/2009	13.14	NM	826.41	813.27
MW-0504-S2	3/10/2016	13.06	NM	826.41	813.35
MW-0504-S2	9/7/2016	15.76	60.43	826.41	810.65
MW-0504-S2	11/16/2016	14.31	NM	826.41	812.10
MW-0504-S2	3/3/2017	11.89	60.48	825.77	813.88
MW-0504-S2	9/6/2017	12.28	39.85	825.77	813.49
MW-0505-B1	12/5/2006	8.69	NM	826.5	817.81
MW-0505-B1	3/8/2007	8.98	83.90	826.5	817.52
MW-0505-B1	1/16/2008	11.56	83.95	826.5	814.94
MW-0505-B1	11/11/2008	17.51	83.90	826.5	808.99
MW-0505-B1	2/17/2009	14.06	NM	826.5	812.44
MW-0505-B1	6/12/2009	12.18	NM	826.5	814.32
MW-0505-B1	4/13/2010	11.21	83.97	826.5	815.29
MW-0505-B1	9/5/2010	16.22	84.00	826.5	810.28
MW-0505-B1	4/20/2011	11.65	83.82	826.5	814.85
MW-0505-B1	9/27/2011	14.56	84.08	826.5	811.94
MW-0505-B1	9/3/2015	Abandoned Well			
MW-0505-S1	9/20/2005	11.42	39.00	825.44	814.02
MW-0505-S1	10/19/2005	11.19	40.28	825.44	814.25
MW-0505-S1	10/25/2005	11.16	40.28	825.44	814.28
MW-0505-S1	3/23/2006	9.70	40.00	825.44	815.74
MW-0505-S1	3/31/2006	8.93	40.00	825.44	816.51
MW-0505-S1	4/28/2006	9.69	NM	825.44	815.75
MW-0505-S1	12/5/2006	8.52	NM	825.44	816.92
MW-0505-S1	3/8/2007	9.48	40.71	825.44	815.96
MW-0505-S1	1/16/2008	10.15	40.80	825.44	815.29
MW-0505-S1	11/11/2008	13.46	40.65	825.44	811.98
MW-0505-S1	2/17/2009	11.63	NM	825.44	813.81
MW-0505-S1	6/12/2009	10.34	NM	825.44	815.10
MW-0505-S1	10/9/2012	12.47	40.67	825.44	812.97
MW-0505-S1	3/12/2013	11.02	40.67	825.44	814.42
MW-0505-S1	9/24/2013	11.85	40.84	825.44	813.59
MW-0505-S1	4/22/2014	10.64	40.41	825.44	814.80
MW-0505-S1	9/3/2014	12.20	40.80	825.44	813.24

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0505-S1	3/10/2015	11.17	40.75	825.44	814.27
MW-0505-S1	9/8/2015	11.30	40.52	825.44	814.14
MW-0505-S1	3/10/2016	10.77	40.75	825.44	814.67
MW-0505-S1	9/7/2016	11.53	40.71	825.44	813.91
MW-0505-S1	11/16/2016	11.78	NM	825.44	813.66
MW-0505-S1	3/3/2017	10.37	40.42	824.79	814.42
MW-0505-S1	9/6/2017	10.82	40.62	824.79	813.97
MW-0505-S2	10/19/2005	12.37	67.63	825.06	812.69
MW-0505-S2	10/25/2005	11.42	67.63	825.06	813.64
MW-0505-S2	3/23/2006	9.59	67.32	825.06	815.47
MW-0505-S2	3/31/2006	8.74	67.32	825.06	816.32
MW-0505-S2	4/28/2006	9.65	NM	825.06	815.41
MW-0505-S2	12/5/2006	7.27	NM	825.06	817.79
MW-0505-S2	3/8/2007	8.55	67.45	825.06	816.51
MW-0505-S2	1/16/2008	11.10	67.50	825.06	813.96
MW-0505-S2	11/11/2008	17.04	67.45	825.06	808.02
MW-0505-S2	2/17/2009	13.63	NM	825.06	811.43
MW-0505-S2	6/12/2009	11.76	NM	825.06	813.30
MW-0505-S2	4/13/2010	11.74	67.38	825.06	813.32
MW-0505-S2	9/5/2010	15.76	67.50	825.06	809.30
MW-0505-S2	4/20/2011	11.23	67.35	825.06	813.83
MW-0505-S2	9/27/2011	13.51	67.60	825.06	811.55
MW-0505-S2	3/29/2012	11.03	67.55	825.06	814.03
MW-0505-S2	10/9/2012	16.46	67.46	825.06	808.60
MW-0505-S2	3/12/2013	11.58	67.46	825.06	813.48
MW-0505-S2	9/24/2013	14.10	67.52	825.06	810.96
MW-0505-S2	4/22/2014	11.99	67.59	825.06	813.07
MW-0505-S2	9/3/2014	15.65	68.81	825.06	809.41
MW-0505-S2	3/10/2015	13.18	NM	825.06	811.88
MW-0505-S2	9/8/2015	13.60	67.43	825.06	811.46
MW-0505-S2	3/10/2016	11.63	NM	825.06	813.43
MW-0505-S2	9/7/2016	14.17	67.56	825.06	810.89
MW-0505-S2	11/16/2016	12.87	NM	825.06	812.19
MW-0505-S2	3/3/2017	10.46	67.39	824.41	813.95
MW-0505-S2	9/6/2017	12.48	67.58	824.41	811.93
MW-0506-I2	10/19/2005	24.10	47.56	827.18	803.08
MW-0506-I2	10/25/2005	22.82	47.56	827.18	804.36
MW-0506-I2	3/27/2006	17.97	47.27	827.18	809.21
MW-0506-I2	3/31/2006	17.15	47.27	827.18	810.03
MW-0506-I2	4/28/2006	20.02	NM	827.18	807.16
MW-0506-I2	12/5/2006	19.82	NM	827.18	807.36
MW-0506-I2	3/8/2007	15.48	47.35	827.18	811.70
MW-0506-I2	1/16/2008	14.57	47.50	827.18	812.61

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0506-I2	11/11/2008	15.71	47.38	827.18	811.47
MW-0506-I2	2/17/2009	16.63	NM	827.18	810.55
MW-0506-S1	10/19/2005	13.11	34.84	826.88	813.77
MW-0506-S1	10/25/2005	13.11	34.84	826.88	813.77
MW-0506-S1	3/27/2006	11.96	34.55	826.88	814.92
MW-0506-S1	3/31/2006	11.19	34.55	826.88	815.69
MW-0506-S1	4/28/2006	11.76	NM	826.88	815.12
MW-0506-S1	12/5/2006	10.72	NM	826.88	816.16
MW-0506-S1	3/8/2007	11.54	34.62	826.88	815.34
MW-0506-S1	1/16/2008	12.21	34.35	826.88	814.67
MW-0506-S1	11/11/2008	15.21	34.65	826.88	811.67
MW-0506-S1	2/17/2009	13.40	NM	826.88	813.48
MW-0506-S1	6/12/2009	12.38	NM	826.88	814.50
MW-0506-S1	10/9/2012	14.65	34.69	826.88	812.23
MW-0506-S1	3/12/2013	12.85	34.69	826.88	814.03
MW-0506-S1	9/24/2013	13.74	34.78	826.88	813.14
MW-0506-S1	4/22/2014	12.67	34.71	826.88	814.21
MW-0506-S1	9/3/2014	14.02	34.75	826.88	812.86
MW-0506-S1	3/10/2015	13.06	34.76	826.88	813.82
MW-0506-S1	9/8/2015	13.24	34.50	826.88	813.64
MW-0506-S1	3/10/2016	12.68	34.86	826.88	814.2
MW-0506-S1	9/7/2016	13.36	34.80	826.88	813.52
MW-0506-S1	11/16/2016	13.64	NM	826.88	813.24
MW-0506-S1	3/3/2017	12.36	34.55	826.27	813.91
MW-0506-S1	9/6/2017	12.83	34.75	826.27	813.44
MW-0506-S2	10/19/2005	13.58	72.52	827.1	813.52
MW-0506-S2	10/25/2005	13.58	72.52	827.1	813.52
MW-0506-S2	3/27/2006	11.95	72.24	827.1	815.15
MW-0506-S2	3/31/2006	11.10	72.24	827.1	816.00
MW-0506-S2	4/28/2006	10.84	NM	827.1	816.26
MW-0506-S2	12/5/2006	9.43	NM	827.1	817.67
MW-0506-S2	3/8/2007	11.72	72.26	827.1	815.38
MW-0506-S2	1/16/2008	13.20	72.40	827.1	813.90
MW-0506-S2	11/11/2008	19.11	72.35	827.1	807.99
MW-0506-S2	2/17/2009	15.69	NM	827.1	811.41
MW-0506-S2	6/12/2009	13.87	NM	827.1	813.23
MW-0506-S2	3/29/2012	13.13	72.41	827.1	813.97
MW-0506-S2	10/9/2012	18.51	72.38	827.1	808.59
MW-0506-S2	3/12/2013	13.66	72.38	827.1	813.44
MW-0506-S2	9/24/2013	16.20	72.44	827.1	810.90
MW-0506-S2	4/22/2014	14.13	72.56	827.1	812.97
MW-0506-S2	9/3/2014	17.70	73.52	827.1	809.40
MW-0506-S2	3/10/2015	15.27	NM	827.1	811.83
MW-0506-S2	9/8/2015	13.74	72.14	827.1	813.36

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0506-S2	3/10/2016	13.67	NM	827.1	813.43
MW-0506-S2	9/7/2016	16.08	72.45	827.1	811.02
MW-0506-S2	11/16/2016	13.53	NM	827.1	813.57
MW-0506-S2	3/3/2017	12.63	72.30	826.51	813.88
MW-0506-S2	9/6/2017	14.59	72.62	826.51	811.92
MW-0507-S1	10/19/2005	13.15	33.49	827.19	814.04
MW-0507-S1	10/25/2005	13.12	33.49	827.19	814.07
MW-0507-S1	3/27/2006	11.86	33.18	827.19	815.33
MW-0507-S1	3/31/2006	11.09	33.18	827.19	816.10
MW-0507-S1	4/28/2006	11.69	NM	827.19	815.50
MW-0507-S1	12/5/2006	10.58	NM	827.19	816.61
MW-0507-S1	3/8/2007	11.48	33.19	827.19	815.71
MW-0507-S1	1/16/2008	12.18	33.35	827.19	815.01
MW-0507-S1	11/11/2008	15.27	33.15	827.19	811.92
MW-0507-S1	2/17/2009	13.50	NM	827.19	813.69
MW-0507-S1	6/12/2009	12.33	NM	827.19	814.86
MW-0507-S1	4/13/2010	12.13	33.27	827.19	815.06
MW-0507-S1	9/5/2010	14.61	33.20	827.19	812.58
MW-0507-S1	4/20/2011	11.54	33.16	827.19	815.65
MW-0507-S1	9/27/2011	12.60	33.35	827.19	814.59
MW-0507-S1	3/29/2012	12.41	33.32	827.19	814.78
MW-0507-S1	10/9/2012	14.74	33.11	827.19	812.45
MW-0507-S1	3/12/2013	12.92	33.11	827.19	814.27
MW-0507-S1	9/24/2013	13.78	33.32	827.19	813.41
MW-0507-S1	4/22/2014	12.63	33.37	827.19	814.56
MW-0507-S1	9/3/2014	14.08	33.29	827.19	813.11
MW-0507-S1	3/10/2015	13.08	32.88	827.19	814.11
MW-0507-S1	9/8/2015	13.23	32.40	827.19	813.96
MW-0507-S1	3/10/2016	12.71	32.39	827.19	814.48
MW-0507-S1	9/7/2016	13.36	33.08	827.19	813.83
MW-0507-S1	11/16/2016	13.69	NM	827.19	813.50
MW-0507-S1	3/3/2017	12.37	31.89	826.48	814.11
MW-0507-S1	9/6/2017	12.78	32.64	826.48	813.70
MW-0509-I2	10/19/2005	12.58	55.96	826.32	813.74
MW-0509-I2	10/25/2005	12.66	55.96	826.32	813.66
MW-0509-I2	3/23/2006	9.87	55.65	826.32	816.45
MW-0509-I2	3/31/2006	9.05	55.65	826.32	817.27
MW-0509-I2	4/28/2006	9.81	NM	826.32	816.51
MW-0509-I2	12/5/2006	8.36	55.74	826.32	817.96
MW-0509-I2	3/8/2007	9.68	55.67	826.32	816.64
MW-0509-I2	1/16/2008	12.37	55.79	826.32	813.95
MW-0509-I2	11/11/2008	18.42	55.60	826.32	807.90
MW-0509-I2	2/17/2009	14.94	NM	826.32	811.38

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0509-S1	9/20/2005	12.18	38.00	826.33	814.15
MW-0509-S1	10/25/2005	11.92	38.11	826.33	814.41
MW-0509-S1	3/23/2006	10.43	37.82	826.33	815.90
MW-0509-S1	3/31/2006	9.66	37.82	826.33	816.67
MW-0509-S1	4/28/2006	10.35	NM	826.33	815.98
MW-0509-S1	12/5/2006	9.20	37.90	826.33	817.13
MW-0509-S1	3/8/2007	10.20	37.89	826.33	816.13
MW-0509-S1	1/16/2008	10.89	38.00	826.33	815.44
MW-0509-S1	11/11/2008	14.24	37.92	826.33	812.09
MW-0509-S1	2/17/2009	12.38	NM	826.33	813.95
MW-0509-S1	6/12/2009	11.04	NM	826.33	815.29
MW-0509-S1	4/13/2010	10.82	37.91	826.33	815.51
MW-0509-S1	9/5/2010	13.45	37.90	826.33	812.88
MW-0509-S1	4/20/2011	10.29	37.85	826.33	816.04
MW-0509-S1	9/27/2011	11.43	38.08	826.33	814.90
MW-0509-S1	3/29/2012	11.13	38.00	826.33	815.20
MW-0509-S1	10/9/2012	13.65	37.98	826.33	812.68
MW-0509-S1	3/12/2013	13.45	37.98	826.33	812.88
MW-0509-S1	9/24/2013	12.62	38.03	826.33	813.71
MW-0509-S1	4/22/2014	11.35	38.06	826.33	814.98
MW-0509-S1	9/3/2914	12.98	38.02	826.33	813.35
MW-0509-S1	3/10/2015	11.89	38.03	826.33	814.44
MW-0509-S1	9/8/2015	12.03	37.88	826.33	814.30
MW-0509-S1	3/10/2016	11.51	38.01	826.33	814.82
MW-0509-S1	9/7/2016	12.27	38.05	826.33	814.06
MW-0509-S1	11/16/2016	12.55	NM	826.33	813.78
MW-0509-S1	3/3/2017	11.08	38.04	825.72	814.64
MW-0509-S1	9/6/2017	11.59	38.00	825.72	814.13
MW-0516-S1	10/19/2005	13.42	32.88	827.98	814.56
MW-0516-S1	10/25/2005	13.42	32.88	827.98	814.56
MW-0516-S1	3/23/2006	11.88	32.61	827.98	816.10
MW-0516-S1	3/31/2006	11.13	32.61	827.98	816.85
MW-0516-S1	4/28/2006	11.78	NM	827.98	816.20
MW-0516-S1	12/5/2006	10.11	NM	827.98	817.87
MW-0516-S1	3/8/2007	11.59	32.66	827.98	816.39
MW-0516-S1	1/16/2008	12.35	32.40	827.98	815.63
MW-0516-S1	11/11/2008	15.74	32.60	827.98	812.24
MW-0516-S1	2/17/2009	14.00	NM	827.98	813.98
MW-0516-S1	6/12/2009	12.52	NM	827.98	815.46
MW-0516-S1	4/13/2010	12.24	32.70	827.98	815.74
MW-0516-S1	9/5/2010	14.96	32.65	827.98	813.02
MW-0516-S1	4/20/2011	11.31	32.60	827.98	816.67
MW-0516-S1	9/27/2011	12.92	32.84	827.98	815.06
MW-0516-S1	3/29/2012	12.59	32.80	827.98	815.39
MW-0516-S1	10/9/2012	15.16	32.60	827.98	812.82

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0516-S1	3/12/2013	13.33	32.60	827.98	814.65
MW-0516-S1	9/24/2013	14.08	32.79	827.98	813.90
MW-0516-S1	4/22/2014	12.74	32.80	827.98	815.24
MW-0516-S1	9/3/2014	14.46	32.84	827.98	813.52
MW-0516-S1	3/10/2015	13.40	32.80	827.98	814.58
MW-0516-S1	9/8/2015	13.55	32.78	827.98	814.43
MW-0516-S1	3/10/2016	12.94	32.78	827.98	815.04
MW-0516-S1	9/7/2016	13.71	32.71	828.98	815.27
MW-0516-S1	11/16/2016	13.98	NM	828.98	815.00
MW-0516-S1	3/3/2017	12.58	32.80	827.37	814.79
MW-0516-S1	9/6/2017	13.03	32.74	827.37	814.34
MW-0516-S2	10/20/2005	14.37	68.38	827.97	813.60
MW-0516-S2	10/25/2005	14.38	68.38	827.97	813.59
MW-0516-S2	3/23/2006	11.46	68.05	827.97	816.51
MW-0516-S2	3/31/2006	10.61	68.05	827.97	817.36
MW-0516-S2	4/28/2006	11.55	NM	827.97	816.42
MW-0516-S2	12/5/2006	10.55	NM	827.97	817.42
MW-0516-S2	3/8/2007	11.40	68.11	827.97	816.57
MW-0516-S2	1/16/2008	14.11	68.26	827.97	813.86
MW-0516-S2	11/11/2008	19.99	68.05	827.97	807.98
MW-0516-S2	2/17/2009	16.58	NM	827.97	811.39
MW-0516-S2	6/12/2009	14.71	NM	827.97	813.26
MW-0516-S2	4/13/2010	13.72	68.18	827.97	814.25
MW-0516-S2	4/20/2011	14.02	68.10	827.97	813.95
MW-0516-S2	3/12/2013	14.38	68.10	827.97	813.59
MW-0516-S2	9/24/2013	17.03	68.26	827.97	810.94
MW-0516-S2	4/22/2014	14.92	69.09	827.97	813.05
MW-0516-S2	9/3/2014	18.61	69.48	827.97	809.36
MW-0516-S2	3/10/2015	16.16	NM	827.97	811.81
MW-0516-S2	9/8/2015	14.52	69.38	827.97	813.45
MW-0516-S2	3/10/2016	14.58	68.79	827.97	813.39
MW-0516-S2	9/7/2016	17.16	68.32	828.97	811.81
MW-0516-S2	11/16/2016	15.78	NM	828.97	813.19
MW-0516-S2	3/3/2017	13.31	68.35	827.34	814.03
MW-0516-S2	9/6/2017	15.46	68.27	827.34	811.88
MW-0517-I2	10/18/2005	13.02	40.13	826.56	813.54
MW-0517-I2	10/25/2005	12.45	40.13	826.56	814.11
MW-0517-I2	3/22/2006	10.25	39.89	826.56	816.31
MW-0517-I2	3/31/2006	9.45	39.89	826.56	817.11
MW-0517-I2	4/28/2006	10.73	NM	826.56	815.83
MW-0517-I2	12/5/2006	10.10	NM	826.56	816.46
MW-0517-I2	3/8/2007	10.61	39.90	826.56	815.95
MW-0517-I2	1/16/2008	12.55	40.05	826.56	814.01

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0517-I2	11/11/2008	15.14	39.96	826.56	811.42
MW-0517-I2	2/17/2009	13.32	NM	826.56	813.24
MW-0517-S1	9/20/2005	12.44	30.72	826.47	814.03
MW-0517-S1	10/18/2005	12.17	30.85	826.47	814.30
MW-0517-S1	10/25/2005	12.17	30.85	826.47	814.30
MW-0517-S1	3/22/2006	10.70	30.63	826.47	815.77
MW-0517-S1	3/31/2006	9.91	30.63	826.47	816.56
MW-0517-S1	4/28/2006	10.64	NM	826.47	815.83
MW-0517-S1	12/5/2006	9.48	NM	826.47	816.99
MW-0517-S1	3/8/2007	10.42	30.51	826.47	816.05
MW-0517-S1	1/16/2008	11.23	30.70	826.47	815.24
MW-0517-S1	11/11/2008	14.47	30.60	826.47	812.00
MW-0517-S1	2/17/2009	12.65	NM	826.47	813.82
MW-0517-S1	6/12/2009	11.34	NM	826.47	815.13
MW-0517-S1	10/9/2012	13.88	30.62	826.47	812.59
MW-0517-S1	3/12/2013	11.98	30.62	826.47	814.49
MW-0517-S1	9/24/2013	12.87	30.75	826.47	813.60
MW-0517-S1	4/22/2014	11.65	30.76	826.47	814.82
MW-0517-S1	9/3/2014	13.20	30.32	826.47	813.27
MW-0517-S1	3/10/2015	12.17	30.07	826.47	814.30
MW-0517-S1	9/8/2015	12.27	29.78	826.47	814.20
MW-0517-S1	3/10/2016	11.77	29.86	826.47	814.70
MW-0517-S1	9/7/2016	12.51	29.76	827.47	814.96
MW-0517-S1	11/16/2016	12.76	NM	827.47	814.71
MW-0517-S1	3/3/2017	11.36	29.31	825.82	814.46
MW-0517-S1	9/6/2017	11.85	29.39	825.82	813.97
MW-0602-B1	3/24/2006	9.12	86.17	825.36	816.24
MW-0602-B1	3/31/2006	8.32	86.17	825.36	817.04
MW-0602-B1	4/28/2006	9.16	NM	825.36	816.20
MW-0602-B1	12/5/2006	7.78	NM	825.36	817.58
MW-0602-B1	3/8/2007	9.03	86.21	825.36	816.33
MW-0602-B1	1/16/2008	11.55	86.25	825.36	813.81
MW-0602-B1	11/11/2008	17.37	86.27	825.36	807.99
MW-0602-B1	2/17/2009	13.94	NM	825.36	811.42
MW-0602-B1	6/12/2009	12.16	NM	825.36	813.20
MW-0602-B1	4/13/2010	11.04	86.31	825.36	814.32
MW-0602-B1	9/5/2010	16.11	86.90	825.36	809.25
MW-0602-B1	4/20/2011	11.61	86.19	825.36	813.75
MW-0602-B1	9/27/2011	13.80	86.45	825.36	811.56
MW-0602-B1	9/4/2015	Abandoned Well			
MW-0602-S1	3/24/2006	11.70	28.31	825.3	813.60
MW-0602-S1	3/31/2006	10.93	28.31	825.3	814.37
MW-0602-S1	4/28/2006	10.90	NM	825.3	814.40
MW-0602-S1	12/5/2006	9.94	NM	825.3	815.36

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0602-S1	3/8/2007	10.68	27.20	825.3	814.62
MW-0602-S1	1/16/2008	11.10	27.41	825.3	814.20
MW-0602-S1	11/11/2008	13.93	27.11	825.3	811.37
MW-0602-S1	2/17/2009	12.20	NM	825.3	813.10
MW-0602-S1	6/12/2009	11.71	NM	825.3	813.59
MW-0602-S1	4/13/2010	11.36	27.31	825.3	813.94
MW-0602-S1	9/5/2010	12.79	27.24	825.3	812.51
MW-0602-S1	4/20/2011	11.01	27.07	825.3	814.29
MW-0602-S1	9/27/2011	11.65	27.39	825.3	813.65
MW-0602-S1	3/29/2012	11.30	27.20	825.3	814.00
MW-0602-S1	10/9/2012	12.64	27.00	825.3	812.66
MW-0602-S1	3/12/2013	11.62	27.00	825.3	813.68
MW-0602-S1	9/24/2013	12.64	27.20	825.3	812.66
MW-0602-S1	4/22/2014	11.52	24.09	825.3	813.78
MW-0602-S1	9/3/2014	12.79	27.06	825.3	812.51
MW-0602-S1	3/10/2015	12.04	26.96	825.3	813.26
MW-0602-S1	9/8/2015	NM	NM	825.3	NM
MW-0602-S1	3/10/2016	12.01	27.03	825.3	813.29
MW-0602-S1	9/7/2016	12.02	26.90	826.3	814.28
MW-0602-S1	11/16/2016	13.22	NM	826.3	813.08
MW-0602-S1	3/3/2017	11.37	26.63	824.68	813.31
MW-0602-S1	9/6/2017	11.89	26.81	824.68	812.79
MW-0603-B1	3/24/2006	9.70	83.40	826.2	816.50
MW-0603-B1	3/31/2006	8.92	83.40	826.2	817.28
MW-0603-B1	4/28/2006	9.76	NM	826.2	816.44
MW-0603-B1	12/5/2006	8.35	NM	826.2	817.85
MW-0603-B1	3/8/2007	9.64	83.32	826.2	816.56
MW-0603-B1	1/16/2008	12.13	83.48	826.2	814.07
MW-0603-B1	11/11/2008	18.04	83.24	826.2	808.16
MW-0603-B1	2/17/2009	14.69	NM	826.2	811.51
MW-0603-B1	6/12/2009	12.86	NM	826.2	813.34
MW-0603-B1	4/13/2010	11.82	83.38	826.2	814.38
MW-0603-B1	9/5/2010	16.78	83.35	826.2	809.42
MW-0603-B1	4/20/2011	12.27	83.22	826.2	813.93
MW-0603-B1	9/27/2011	14.47	83.55	826.2	811.73
MW-0603-B1	3/10/2016	12.70	83.37	826.2	813.50
MW-0603-S1	3/24/2006	10.79	24.38	826.09	815.30
MW-0603-S1	3/31/2006	10.02	24.38	826.09	816.07
MW-0603-S1	4/28/2006	10.71	NM	826.09	815.38
MW-0603-S1	12/5/2006	9.59	NM	826.09	816.50
MW-0603-S1	3/8/2007	10.46	24.12	826.09	815.63
MW-0603-S1	1/16/2008	11.06	24.33	826.09	815.03
MW-0603-S1	11/11/2008	14.15	24.15	826.09	811.94
MW-0603-S1	2/17/2009	12.35	NM	826.09	813.74

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0603-S1	6/12/2009	11.25	NM	826.09	814.84
MW-0603-S1	4/13/2010	11.06	24.31	826.09	815.03
MW-0603-S1	9/5/2010	13.46	24.20	826.09	812.63
MW-0603-S1	4/20/2011	10.44	24.10	826.09	815.65
MW-0603-S1	9/27/2011	11.53	24.22	826.09	814.56
MW-0603-S1	3/29/2012	11.33	24.15	826.09	814.76
MW-0603-S1	10/9/2012	13.55	24.00	826.09	812.54
MW-0603-S1	3/12/2013	11.85	24.00	826.09	814.24
MW-0603-S1	9/24/2013	12.65	24.18	826.09	813.44
MW-0603-S1	4/22/2014	11.52	24.09	826.09	814.57
MW-0603-S1	9/3/2014	12.91	24.78	826.09	813.18
MW-0603-S1	3/10/2015	11.96	24.05	826.09	814.13
MW-0603-S1	9/8/2015	12.14	24.07	826.09	813.95
MW-0603-S1	3/10/2016	11.64	24.04	826.09	814.45
MW-0603-S1	9/7/2016	12.27	24.10	827.09	814.82
MW-0603-S1	11/16/2016	12.76	NM	827.09	814.33
MW-0603-S1	3/3/2017	11.29	24.13	825.36	814.07
MW-0603-S1	9/6/2017	11.70	23.99	825.36	813.66
MW-0603-S2	3/24/2006	10.82	69.25	826.10	815.28
MW-0603-S2	3/31/2006	9.97	69.25	826.10	816.13
MW-0603-S2	4/28/2006	9.89	NM	826.10	816.21
MW-0603-S2	12/5/2006	8.46	NM	826.10	817.64
MW-0603-S2	3/8/2007	9.78	69.27	826.10	816.32
MW-0603-S2	1/16/2008	12.35	69.41	826.10	813.75
MW-0603-S2	11/11/2008	18.17	69.21	826.10	807.93
MW-0603-S2	2/17/2009	14.83	NM	826.10	811.27
MW-0603-S2	6/12/2009	12.98	NM	826.10	813.12
MW-0603-S2	4/13/2010	11.96	69.35	826.10	814.14
MW-0603-S2	9/5/2010	16.72	69.25	826.10	809.38
MW-0603-S2	4/20/2011	12.19	69.04	826.10	813.91
MW-0603-S2	9/27/2011	14.39	69.35	826.10	811.71
MW-0603-S2	3/29/2012	12.07	69.28	826.10	814.03
MW-0603-S2	10/9/2012	17.45	69.15	826.10	808.65
MW-0603-S2	3/12/2013	12.45	69.15	826.10	813.65
MW-0603-S2	9/24/2013	15.09	69.29	826.10	811.01
MW-0603-S2	4/22/2014	13.02	70.65	826.10	813.08
MW-0603-S2	9/3/2014	16.67	83.45	826.10	809.43
MW-0603-S2	3/10/2015	11.96	84.05	826.10	814.14
MW-0603-S2	9/8/2015	12.83	84.50	826.10	813.27
MW-0603-S2	9/3/2015	Abandoned Well			
MW-0604-S1	3/22/2006	10.65	29.41	826.28	815.63
MW-0604-S1	3/31/2006	9.87	29.41	826.28	816.41
MW-0604-S1	4/28/2006	10.59	NM	826.28	815.69
MW-0604-S1	12/5/2006	9.45	NM	826.28	816.83

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0604-S1	3/8/2007	10.37	28.81	826.28	815.91
MW-0604-S1	1/16/2008	11.15	28.95	826.28	815.13
MW-0604-S1	11/11/2008	14.27	28.73	826.28	812.01
MW-0604-S1	2/17/2009	12.51	NM	826.28	813.77
MW-0604-S1	6/12/2009	11.26	NM	826.28	815.02
MW-0604-S1	10/9/2012	13.73	28.78	826.28	812.55
MW-0604-S1	3/12/2013	11.87	28.78	826.28	814.41
MW-0604-S1	9/24/2013	12.74	28.91	826.28	813.54
MW-0604-S1	4/22/2014	11.59	28.98	826.28	814.69
MW-0604-S1	9/3/2014	13.09	28.41	826.28	813.19
MW-0604-S1	3/10/2015	12.06	28.58	826.28	814.22
MW-0604-S1	9/8/2015	12.13	27.94	826.28	814.15
MW-0604-S1	3/10/2016	11.66	28.18	826.28	814.62
MW-0604-S1	9/7/2016	12.40	28.24	826.28	813.88
MW-0604-S1	11/16/2016	12.64	NM	826.28	813.64
MW-0604-S1	3/3/2017	11.29	27.70	825.62	814.33
MW-0604-S1	9/6/2017	11.72	27.79	825.62	813.90
MW-0604-S2	3/22/2006	10.02	61.06	826.44	816.42
MW-0604-S2	3/31/2006	9.27	61.06	826.44	817.17
MW-0604-S2	4/28/2006	10.13	NM	826.44	816.31
MW-0604-S2	12/5/2006	8.70	NM	826.44	817.74
MW-0604-S2	3/8/2007	9.93	61.12	826.44	816.51
MW-0604-S2	1/16/2008	12.51	61.21	826.44	813.93
MW-0604-S2	11/11/2008	18.45	61.05	826.44	807.99
MW-0604-S2	2/17/2009	15.02	NM	826.44	811.42
MW-0604-S2	6/12/2009	13.17	NM	826.44	813.27
MW-0604-S2	4/13/2010	12.17	61.10	826.44	814.27
MW-0604-S2	9/5/2010	17.17	61.55	826.44	809.27
MW-0604-S2	4/20/2011	12.63	61.00	826.44	813.81
MW-0604-S2	9/27/2011	14.89	61.32	826.44	811.55
MW-0604-S2	3/29/2012	12.41	61.23	826.44	814.03
MW-0604-S2	10/9/2012	17.88	61.14	826.44	808.56
MW-0604-S2	3/12/2013	13.01	61.14	826.44	813.43
MW-0604-S2	9/24/2013	15.49	61.22	826.44	810.95
MW-0604-S2	4/22/2014	13.49	61.26	826.44	812.95
MW-0604-S2	9/3/2014	17.02	61.20	826.44	809.42
MW-0604-S2	3/10/2015	14.59	NM	826.44	811.85
MW-0604-S2	9/8/2015	12.97	61.11	826.44	813.47
MW-0604-S2	3/10/2016	12.98	NM	826.44	813.46
MW-0604-S2	9/7/2016	15.49	61.24	826.44	810.95
MW-0604-S2	11/16/2016	14.30	NM	826.44	812.14
MW-0604-S2	3/3/2017	11.91	61.05	825.86	813.95
MW-0604-S2	9/6/2017	13.91	61.09	825.86	811.95

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0605-B1	3/22/2006	10.79	89.55	827.44	816.65
MW-0605-B1	3/31/2006	9.99	89.55	827.44	817.45
MW-0605-B1	4/28/2006	10.95	NM	827.44	816.49
MW-0605-B1	12/5/2006	9.49	NM	827.44	817.95
MW-0605-B1	3/8/2007	10.77	89.53	827.44	816.67
MW-0605-B1	1/16/2008	13.45	89.65	827.44	813.99
MW-0605-B1	11/11/2008	19.44	89.60	827.44	808.00
MW-0605-B1	2/17/2009	16.04	NM	827.44	811.40
MW-0605-B1	6/12/2009	14.11	NM	827.44	813.33
MW-0605-B1	4/13/2010	13.10	89.85	827.44	814.34
MW-0605-B1	9/5/2010	18.20	89.60	827.44	809.24
MW-0605-B1	4/20/2011	13.61	89.50	827.44	813.83
MW-0605-B1	9/27/2011	15.86	89.75	827.44	811.58
MW-0605-B1	8/24/2015	Abandoned Well			
MW-0605-S1	3/22/2006	11.23	29.83	827.38	816.15
MW-0605-S1	3/31/2006	10.46	29.83	827.38	816.92
MW-0605-S1	4/28/2006	11.19	NM	827.38	816.19
MW-0605-S1	12/5/2006	9.97	NM	827.38	817.41
MW-0605-S1	3/8/2007	10.98	29.64	827.38	816.40
MW-0605-S1	1/16/2008	11.79	29.71	827.38	815.59
MW-0605-S1	11/11/2008	15.14	29.65	827.38	812.24
MW-0605-S1	2/17/2009	13.42	NM	827.38	813.96
MW-0605-S1	6/12/2009	11.91	NM	827.38	815.47
MW-0605-S1	4/13/2010	11.64	29.65	827.38	815.74
MW-0605-S1	9/5/2010	14.37	29.64	827.38	813.01
MW-0605-S1	4/20/2011	11.20	29.50	827.38	816.18
MW-0605-S1	9/27/2011	12.35	29.82	827.38	815.03
MW-0605-S1	3/29/2012	11.90	29.75	827.38	815.48
MW-0605-S1	10/9/2012	14.59	29.50	827.38	812.79
MW-0605-S1	3/12/2013	12.70	29.50	827.38	814.68
MW-0605-S1	9/24/2013	13.55	29.74	827.38	813.83
MW-0605-S1	4/22/2014	12.23	29.71	827.38	815.15
MW-0605-S1	9/3/2014	13.90	30.62	827.38	813.48
MW-0605-S1	3/10/2015	12.83	29.07	827.38	814.55
MW-0605-S1	9/8/2015	12.93	29.00	827.38	814.45
MW-0605-S1	3/10/2016	12.41	29.15	827.38	814.97
MW-0605-S1	9/7/2016	13.18	29.17	827.38	814.2
MW-0605-S1	11/16/2016	13.49	NM	827.38	813.89
MW-0605-S1	3/3/2017	11.99	28.75	826.78	814.79
MW-0605-S1	9/6/2017	12.45	28.88	826.78	814.33
MW-0605-S2	3/22/2006	10.87	61.15	827.38	816.51
MW-0605-S2	3/31/2006	10.02	61.15	827.38	817.36
MW-0605-S2	4/28/2006	10.91	NM	827.38	816.47
MW-0605-S2	12/5/2006	9.44	NM	827.38	817.94

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0605-S2	3/8/2007	10.72	61.13	827.38	816.66
MW-0605-S2	1/16/2008	13.36	61.26	827.38	814.02
MW-0605-S2	11/11/2008	19.36	61.12	827.38	808.02
MW-0605-S2	2/17/2009	15.97	NM	827.38	811.41
MW-0605-S2	6/12/2009	14.06	NM	827.38	813.32
MW-0605-S2	4/13/2010	13.05	61.18	827.38	814.33
MW-0605-S2	9/5/2010	18.12	61.20	827.38	809.26
MW-0605-S2	4/20/2011	13.55	61.11	827.38	813.83
MW-0605-S2	9/27/2011	15.82	61.35	827.38	811.56
MW-0605-S2	3/29/2012	13.25	61.28	827.38	814.13
MW-0605-S2	10/9/2012	18.86	61.21	827.38	808.52
MW-0605-S2	3/12/2013	14.06	61.21	827.38	813.32
MW-0605-S2	9/24/2013	16.42	61.25	827.38	810.96
MW-0605-S2	4/22/2014	14.38	62.10	827.38	813.00
MW-0605-S2	9/3/2014	18.09	62.32	827.38	809.29
MW-0605-S2	3/10/2015	NM	NM	827.38	NM
MW-0605-S2	9/8/2015	14.02	61.18	827.38	813.36
MW-0605-S2	3/10/2016	13.91	NM	827.38	813.47
MW-0605-S2	9/7/2016	16.51	61.33	827.38	810.87
MW-0605-S2	11/16/2016	15.18	NM	827.38	812.2
MW-0605-S2	3/3/2017	12.72	61.09	826.76	814.04
MW-0605-S2	9/6/2017	14.86	61.25	826.76	811.90
MW-0606-S1	3/23/2006	8.80	31.65	824.10	815.30
MW-0606-S1	3/31/2006	8.03	31.65	824.10	816.07
MW-0606-S1	4/28/2006	8.71	NM	824.10	815.39
MW-0606-S1	12/5/2006	7.67	NM	824.10	816.43
MW-0606-S1	3/8/2007	8.54	31.52	824.10	815.56
MW-0606-S1	11/11/2008	12.36	31.40	824.10	811.74
MW-0606-S1	2/17/2009	10.43	NM	824.10	813.67
MW-0606-S1	6/12/2009	8.38	NM	824.10	815.72
MW-0606-S1	4/13/2010	9.20	31.42	824.10	814.90
MW-0606-S1	10/9/2012	11.72	31.26	824.10	812.38
MW-0606-S1	3/12/2013	9.89	31.26	824.10	814.21
MW-0606-S1	9/24/2013	10.51	31.34	824.10	813.59
MW-0606-S1	4/22/2014	9.71	31.27	824.10	814.39
MW-0606-S1	9/3/2014	11.11	31.25	824.10	812.99
MW-0606-S1	3/10/2015	10.08	30.91	824.10	814.02
MW-0606-S1	9/8/2015	10.27	29.81	824.10	813.83
MW-0606-S1	3/10/2016	9.69	30.82	824.10	814.41
MW-0606-S1	9/7/2016	10.47	30.73	824.10	813.63
MW-0606-S1	11/16/2016	11.04	NM	824.10	813.06
MW-0606-S1	3/3/2017	9.39	30.71	823.45	814.06
MW-0606-S1	9/6/2017	9.02	30.61	823.45	814.43

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0606-S2	3/23/2006	7.68	58.83	823.97	816.29
MW-0606-S2	3/31/2006	6.93	58.83	823.97	817.04
MW-0606-S2	4/28/2006	8.72	NM	823.97	815.25
MW-0606-S2	12/5/2006	6.35	NM	823.97	817.62
MW-0606-S2	3/8/2007	7.61	58.67	823.97	816.36
MW-0606-S2	11/11/2008	15.92	58.70	823.97	808.05
MW-0606-S2	2/17/2009	12.51	NM	823.97	811.46
MW-0606-S2	6/12/2009	10.68	NM	823.97	813.29
MW-0606-S2	9/5/2010	14.62	59.00	823.97	809.35
MW-0606-S2	4/20/2011	10.15	58.63	823.97	813.82
MW-0606-S2	9/27/2011	12.38	58.90	823.97	811.59
MW-0606-S2	3/29/2012	10.00	58.80	823.97	813.97
MW-0606-S2	10/9/2012	15.34	58.69	823.97	808.63
MW-0606-S2	3/12/013	10.47	58.69	823.97	813.50
MW-0606-S2	9/24/2013	13.00	58.85	823.97	810.97
MW-0606-S2	4/22/2014	11.06	58.84	823.97	812.91
MW-0606-S2	9/3/2014	14.46	58.82	823.97	809.51
MW-0606-S2	3/10/2015	12.10	NM	823.97	811.87
MW-0606-S2	9/8/2015	10.65	59.35	823.97	813.32
MW-0606-S2	3/10/2016	10.53	58.83	823.97	813.44
MW-0606-S2	9/7/2016	NM	NM	823.97	Covered
MW-0606-S2	11/16/2016	10.01	NM	823.97	Covered
MW-0606-S2	3/3/2017	9.48	58.84	823.39	813.91
MW-0606-S2	9/6/2017	11.38	58.70	823.39	812.01
MW-0607-B1	1/16/2008	8.40	77.51	822.768	814.37
MW-0607-B1	11/11/2008	13.99	77.42	822.768	808.78
MW-0607-B1	2/17/2009	10.63	NM	822.768	812.14
MW-0607-B1	6/12/2009	8.95	NM	822.768	813.82
MW-0607-B1	4/13/2010	8.02	77.46	822.768	814.75
MW-0607-B1	9/5/2010	12.50	78.00	822.768	810.27
MW-0607-B1	4/20/2011	8.41	77.44	822.768	814.36
MW-0607-B1	9/27/2011	10.60	77.62	822.768	812.17
MW-0607-B1	9/3/2015	Abandoned Well			
MW-0607-S1	3/24/2006	8.55	26.85	822.65	814.10
MW-0607-S1	3/31/2006	7.78	26.85	822.65	814.87
MW-0607-S1	4/28/2006	8.52	NM	822.65	814.13
MW-0607-S1	12/5/2006	7.68	NM	822.65	814.97
MW-0607-S1	3/8/2007	8.33	26.55	822.65	814.32
MW-0607-S1	1/16/2008	8.88	26.68	822.65	813.77
MW-0607-S1	11/11/2008	11.61	26.50	822.65	811.04
MW-0607-S1	2/17/2009	9.72	NM	822.65	812.93
MW-0607-S1	6/12/2009	9.12	NM	822.65	813.53
MW-0607-S1	4/13/2010	9.00	26.50	822.65	813.65
MW-0607-S1	9/5/2010	10.98	26.50	822.65	811.67

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0607-S1	4/20/2011	8.49	26.42	822.65	814.16
MW-0607-S1	9/27/2011	9.31	26.40	822.65	813.34
MW-0607-S1	3/29/2012	9.26	26.27	822.65	813.39
MW-0607-S1	10/9/2012	11.05	26.00	822.65	811.60
MW-0607-S1	3/12/2013	9.40	26.00	822.65	813.25
MW-0607-S1	9/24/2013	10.30	26.25	822.65	812.35
MW-0607-S1	4/22/2014	9.53	26.16	822.65	813.12
MW-0607-S1	9/3/2014	10.53	26.23	822.65	812.12
MW-0607-S1	3/10/2015	9.69	26.27	822.65	812.96
MW-0607-S1	9/8/2015	9.82	26.17	822.65	812.83
MW-0607-S1	3/10/2016	9.29	29.14	822.65	813.36
MW-0607-S1	9/7/2016	9.96	26.13	822.65	812.69
MW-0607-S1	11/16/2016	10.98	NM	822.65	811.67
MW-0607-S1	3/3/2017	90.80	26.12	821.93	812.85
MW-0607-S1	9/6/2017	8.51	26.06	821.93	813.42
MW-0607-S2	3/8/2007	7.00	50.51	823.06	816.06
MW-0607-S2	1/16/2008	9.27	50.65	823.06	813.79
MW-0607-S2	11/11/2008	14.91	50.57	823.06	808.15
MW-0607-S2	2/17/2009	11.53	NM	823.06	811.53
MW-0607-S2	6/12/2009	9.83	NM	823.06	813.23
MW-0607-S2	4/13/2010	8.78	50.58	823.06	814.28
MW-0607-S2	9/5/2010	13.63	57.05	823.06	809.43
MW-0607-S2	4/20/2011	9.15	50.47	823.06	813.91
MW-0607-S2	9/27/2011	11.47	50.72	823.06	811.59
MW-0607-S2	3/29/2012	9.21	50.68	823.06	813.85
MW-0607-S2	10/9/2012	14.27	50.66	823.06	808.79
MW-0607-S2	3/12/2013	9.56	50.66	823.06	813.50
MW-0607-S2	9/24/2013	12.10	50.74	823.06	810.96
MW-0607-S2	4/22/2014	10.16	50.68	823.06	812.90
MW-0607-S2	9/3/2014	13.42	50.66	823.06	809.64
MW-0607-S2	3/10/2015	11.22	NM	823.06	811.84
MW-0607-S2	9/8/2015	9.91	46.85	823.06	813.15
MW-0607-S2	3/10/2016	9.77	50.69	823.06	813.29
MW-0607-S2	9/7/2016	12.05	50.89	823.06	811.01
MW-0607-S2	11/16/2016	11.03	NM	823.06	812.03
MW-0607-S2	3/3/2017	8.78	50.73	822.35	813.57
MW-0607-S2	9/6/2017	10.41	50.66	822.35	811.94
MW-0608-B1	3/23/2006	9.84	91.07	825.97	816.13
MW-0608-B1	3/31/2006	9.05	91.07	825.97	816.92
MW-0608-B1	4/28/2006	9.79	NM	825.97	816.18
MW-0608-B1	12/5/2006	8.51	NM	825.97	817.46
MW-0608-B1	3/8/2007	9.72	89.59	825.97	816.25
MW-0608-B1	1/16/2008	12.18	89.67	825.97	813.79
MW-0608-B1	11/11/2008	17.90	89.65	825.97	808.07

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0608-B1	2/17/2009	14.49	NM	825.97	811.48
MW-0608-B1	6/12/2009	12.72	NM	825.97	813.25
MW-0608-B1	4/13/2010	11.69	83.99	825.97	814.28
MW-0608-B1	9/5/2010	16.58	90.08	825.97	809.39
MW-0608-B1	4/20/2011	12.25	89.52	825.97	813.72
MW-0608-B1	9/27/2011	14.36	89.75	825.97	811.61
MW-0608-B1	9/3/2015	Abandoned Well			
MW-0608-S1	3/23/2006	11.74	30.81	825.97	814.23
MW-0608-S1	3/31/2006	10.97	30.81	825.97	815.00
MW-0608-S1	4/28/2006	11.66	NM	825.97	814.31
MW-0608-S1	12/5/2006	10.73	NM	825.97	815.24
MW-0608-S1	3/8/2007	11.43	30.38	825.97	814.54
MW-0608-S1	1/16/2008	11.94	30.45	825.97	814.03
MW-0608-S1	11/11/2008	14.67	30.20	825.97	811.30
MW-0608-S1	2/17/2009	12.93	NM	825.97	813.04
MW-0608-S1	6/12/2009	12.27	NM	825.97	813.70
MW-0608-S1	4/13/2010	12.13	30.11	825.97	813.84
MW-0608-S1	9/5/2010	14.08	29.96	825.97	811.89
MW-0608-S1	4/20/2011	11.50	29.90	825.97	814.47
MW-0608-S1	9/27/2011	12.38	30.00	825.97	813.59
MW-0608-S1	3/29/2012	12.19	30.02	825.97	813.78
MW-0608-S1	10/9/2012	14.10	29.60	825.97	811.87
MW-0608-S1	3/12/2013	12.42	29.60	825.97	813.55
MW-0608-S1	9/24/2013	13.35	29.40	825.97	812.62
MW-0608-S1	4/22/2014	12.47	29.26	825.97	813.50
MW-0608-S1	9/3/2014	13.58	28.94	825.97	812.39
MW-0608-S1	3/10/2015	12.70	28.73	825.97	813.27
MW-0608-S1	9/8/2015	12.93	28.58	825.97	813.04
MW-0608-S1	3/10/2016	12.38	28.62	825.97	813.59
MW-0608-S1	9/7/2016	13.04	28.37	825.97	812.93
MW-0608-S1	11/16/2016	13.17	NM	825.97	812.80
MW-0608-S1	3/3/2017	12.14	28.29	825.26	813.12
MW-0608-S1	9/6/2017	12.59	28.23	825.26	812.67
MW-0608-S2	3/23/2006	9.71	67.75	825.97	816.26
MW-0608-S2	3/31/2006	8.86	67.75	825.97	817.11
MW-0608-S2	4/28/2006	9.76	NM	825.97	816.21
MW-0608-S2	12/5/2006	8.43	NM	825.97	817.54
MW-0608-S2	3/8/2007	9.70	67.76	825.97	816.27
MW-0608-S2	1/16/2008	12.10	68.91	825.97	813.87
MW-0608-S2	11/11/2008	17.84	67.80	825.97	808.13
MW-0608-S2	2/17/2009	14.45	NM	825.97	811.52
MW-0608-S2	6/12/2009	12.68	NM	825.97	813.29
MW-0608-S2	4/13/2010	11.59	67.85	825.97	814.38
MW-0608-S2	9/5/2010	16.55	68.25	825.97	809.42

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0608-S2	4/20/2011	12.12	67.70	825.97	813.85
MW-0608-S2	9/27/2011	14.31	67.99	825.97	811.66
MW-0608-S2	3/29/2012	11.90	67.90	825.97	814.07
MW-0608-S2	10/9/2012	17.22	67.75	825.97	808.75
MW-0608-S2	3/21/2013	12.43	67.75	825.97	813.54
MW-0608-S2	9/24/2013	14.96	67.04	825.97	811.01
MW-0608-S2	4/22/2014	13.02	68.94	825.97	812.95
MW-0608-S2	9/3/2014	16.41	67.81	825.97	809.56
MW-0608-S2	3/10/2015	14.10	NM	825.97	811.87
MW-0608-S2	9/8/2015	12.80	68.73	825.97	813.17
MW-0608-S2	3/10/2016	12.48	67.96	825.97	813.49
MW-0608-S2	9/7/2016	15.17	67.91	825.97	810.8
MW-0608-S2	11/16/2016	13.82	NM	825.97	812.15
MW-0608-S2	3/3/2017	11.52	68.01	825.19	813.67
MW-0608-S2	9/6/2017	13.31	67.95	825.19	811.88
MW-0609-S1	3/23/2006	9.49	28.45	822.75	813.26
MW-0609-S1	3/31/2006	9.17	28.45	822.75	813.58
MW-0609-S1	4/28/2006	9.47	NM	822.75	813.28
MW-0609-S1	12/5/2006	8.62	NM	822.75	814.13
MW-0609-S1	3/9/2007	9.15	27.05	822.75	813.60
MW-0609-S1	1/16/2008	9.45	27.40	822.75	813.30
MW-0609-S1	11/11/2008	11.81	27.05	822.75	810.94
MW-0609-S1	2/17/2009	10.22	NM	822.75	812.53
MW-0609-S1	6/12/2009	9.73	NM	822.75	813.02
MW-0609-S1	4/13/2010	9.84	26.99	822.75	812.91
MW-0609-S1	9/5/2010	11.35	27.05	822.75	811.40
MW-0609-S1	4/20/2011	9.13	27.00	822.75	813.62
MW-0609-S1	9/27/2011	9.85	27.04	822.75	812.90
MW-0609-S1	3/29/2012	9.76	27.11	822.75	812.99
MW-0609-S1	10/9/2012	11.31	26.80	822.75	811.44
MW-0609-S1	3/12/2013	18.78	26.80	822.75	803.97
MW-0609-S1	9/24/2013	10.64	27.00	822.75	812.11
MW-0609-S1	4/22/2014	10.00	26.93	822.75	812.75
MW-0609-S1	9/3/2014	10.84	26.83	822.75	811.91
MW-0609-S1	9/8/2015	10.32	26.87	822.75	812.43
MW-0609-S1	3/10/2016	9.86	26.77	822.75	812.89
MW-0609-S1	9/7/2016	10.43	26.68	822.75	812.32
MW-0609-S1	11/16/2016	10.83	NM	822.75	811.92
MW-0609-S1	3/3/2017	9.67	26.65	822.00	812.33
MW-0609-S1	9/6/2017	10.15	26.60	822.00	811.85
MW-0609-S2	12/5/2006	5.68	NM	823.09	817.41
MW-0609-S2	3/8/2007	6.93	61.32	823.09	816.16
MW-0609-S2	1/16/2008	9.24	61.44	823.09	813.85
MW-0609-S2	11/11/2008	14.97	61.30	823.09	808.12

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0609-S2	2/17/2009	11.60	NM	823.09	811.49
MW-0609-S2	6/12/2009	9.86	NM	823.09	813.23
MW-0609-S2	4/13/2010	8.77	62.43	823.09	814.32
MW-0609-S2	9/5/2010	13.69	61.45	823.09	809.40
MW-0609-S2	4/20/2011	9.22	61.30	823.09	813.87
MW-0609-S2	9/27/2011	11.52	61.59	823.09	811.57
MW-0609-S2	3/29/2012	9.15	61.52	823.09	813.94
MW-0609-S2	10/9/2012	14.36	26.80	823.09	808.73
MW-0609-S2	3/12/2013	9.62	26.80	823.09	813.47
MW-0609-S2	9/24/2013	12.15	61.54	823.09	810.94
MW-0609-S2	4/22/2014	10.21	61.49	823.09	812.88
MW-0609-S2	9/3/2014	13.53	61.51	823.09	809.56
MW-0609-S2	3/10/2015	11.23	NM	823.09	811.86
MW-0609-S2	9/8/2015	10.10	62.50	823.09	812.99
MW-0609-S2	3/10/2016	9.65	61.53	823.09	813.44
MW-0609-S2	9/7/2016	12.37	61.43	823.09	810.72
MW-0609-S2	11/16/2016	10.96	NM	823.09	812.13
MW-0609-S2	3/3/2017	8.73	61.53	822.46	813.73
MW-0609-S2	9/6/2017	10.50	61.52	822.46	811.96
MW-0610-S1	12/5/2006	8.87	NM	822.55	813.68
MW-0610-S1	3/8/2007	9.42	31.55	822.55	813.13
MW-0610-S1	1/16/2008	9.97	31.59	822.55	812.58
MW-0610-S1	11/11/2008	11.85	31.46	822.55	810.70
MW-0610-S1	2/17/2009	10.39	NM	822.55	812.16
MW-0610-S1	6/12/2009	10.07	NM	822.55	812.48
MW-0610-S1	4/13/2010	10.28	31.49	822.55	812.27
MW-0610-S1	9/5/2010	11.55	31.65	822.55	811.00
MW-0610-S1	4/20/2011	9.55	31.42	822.55	813.00
MW-0610-S1	9/27/2011	11.18	31.68	822.55	811.37
MW-0610-S1	3/29/2012	10.13	31.64	822.55	812.42
MW-0610-S1	10/9/2012	11.39	31.44	822.55	811.16
MW-0610-S1	3/12/2013	10.16	31.44	822.55	812.39
MW-0610-S1	9/24/2013	10.85	31.63	822.55	811.70
MW-0610-S1	4/22/2014	9.45	31.65	822.55	813.10
MW-0610-S1	9/3/2014	11.06	31.59	822.55	811.49
MW-0610-S1	3/10/2015	10.41	31.64	822.55	812.14
MW-0610-S1	9/8/2015	10.59	31.67	822.55	811.96
MW-0610-S1	3/10/2016	10.11	31.65	822.55	812.44
MW-0610-S1	9/7/2016	10.78	31.66	822.55	811.77
MW-0610-S1	11/16/2016	11.07	NM	822.55	811.48
MW-0610-S1	3/3/2017	9.89	31.67	821.78	811.89
MW-0610-S1	9/6/2017	10.28	31.61	821.78	811.50
MW-0611-S1	12/5/2006	4.97	NM	821.77	816.80
MW-0611-S1	3/8/2007	7.45	17.60	821.77	814.32

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0611-S1	1/16/2008	8.06	17.70	821.77	813.71
MW-0611-S1	2/17/2009	11.15	NM	821.77	810.62
MW-0611-S1	6/12/2009	10.00	NM	821.77	811.77
MW-0611-S1	4/13/2010	8.85	17.60	821.77	812.92
MW-0611-S1	9/5/2010	12.67	17.65	821.77	809.10
MW-0611-S1	10/9/2012	NM	NM	821.77	Could not Locate
MW-0611-S1	11/16/2016	10.72	NM	821.77	816.80
MW-0611-S1	3/3/2017	8.65	17.76	818.04	809.39
MW-0611-S1	9/6/2017	NM	NM	818.04	--
MW-0612-S1	12/5/2006	9.13	NM	823.85	814.72
MW-0612-S1	3/8/2007	8.90	27.12	823.85	814.95
MW-0612-S1	1/16/2008	9.50	27.25	823.85	814.35
MW-0612-S1	11/11/2008	12.44	27.15	823.85	811.41
MW-0612-S1	2/17/2009	10.59	NM	823.85	813.26
MW-0612-S1	6/12/2009	9.71	NM	823.85	814.14
MW-0612-S1	3/29/2012	9.79	27.30	823.85	814.06
MW-0612-S1	10/9/2012	11.84	27.10	823.85	812.01
MW-0612-S1	3/12/2013	10.10	27.10	823.85	813.75
MW-0612-S1	9/24/2013	10.49	27.32	823.85	813.36
MW-0612-S1	4/22/2014	10.03	27.30	823.85	813.82
MW-0612-S1	9/3/2014	11.29	27.31	823.85	812.56
MW-0612-S1	3/10/2015	10.30	27.30	823.85	813.55
MW-0612-S1	9/8/2015	10.52	27.33	823.85	813.33
MW-0612-S1	3/10/2016	9.95	27.33	823.85	813.9
MW-0612-S1	9/7/2016	10.66	27.33	823.85	813.19
MW-0612-S1	11/16/2016	10.98	NM	823.85	812.87
MW-0612-S1	3/3/2017	9.70	27.34	823.14	813.44
MW-0612-S1	9/6/2017	10.12	27.30	823.14	813.02
MW-0612-S2	12/5/2006	6.34	NM	823.84	817.50
MW-0612-S2	3/8/2007	7.59	54.94	823.84	816.25
MW-0612-S2	1/16/2008	10.00	55.10	823.84	813.84
MW-0612-S2	11/11/2008	15.74	55.00	823.84	808.10
MW-0612-S2	2/17/2009	12.34	NM	823.84	811.50
MW-0612-S2	6/12/2009	10.57	NM	823.84	813.27
MW-0612-S2	3/29/2012	9.78	55.14	823.84	814.06
MW-0612-S2	10/9/2012	15.14	54.90	823.84	808.70
MW-0612-S2	3/12/2013	10.35	54.90	823.84	813.49
MW-0612-S2	9/24/2013	12.57	55.15	823.84	811.27
MW-0612-S2	4/22/2014	10.91	55.11	823.84	812.93
MW-0612-S2	9/3/2014	14.28	55.07	823.84	809.56
MW-0612-S2	3/10/2015	11.96	NM	823.84	811.88
MW-0612-S2	9/8/2015	10.60	54.65	823.84	813.24
MW-0612-S2	3/10/2016	10.38	55.98	823.84	813.46
MW-0612-S2	9/7/2016	12.87	55.14	823.84	810.97

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0612-S2	11/16/2016	11.71	NM	823.84	812.13
MW-0612-S2	3/3/2017	9.43	55.18	823.14	813.71
MW-0612-S2	9/6/2017	11.23	55.11	823.14	811.91
MW-0613-S1	12/5/2006	5.87	NM	822.03	816.16
MW-0613-S1	3/8/2007	6.72	25.36	822.03	815.31
MW-0613-S1	1/16/2008	7.40	25.50	822.03	814.63
MW-0613-S1	11/11/2008	10.57	25.39	822.03	811.46
MW-0613-S1	2/17/2009	8.53	NM	822.03	813.50
MW-0613-S1	6/12/2009	7.61	NM	822.03	814.42
MW-0613-S1	4/13/2010	7.40	25.40	822.03	814.63
MW-0613-S1	9/5/2010	9.85	25.40	822.03	812.18
MW-0613-S1	4/20/2011	6.79	25.58	822.03	815.24
MW-0613-S1	9/27/2011	7.84	25.58	822.03	814.19
MW-0613-S1	3/29/2012	7.53	25.34	822.03	814.50
MW-0613-S1	10/9/2012	9.96	25.37	822.03	812.07
MW-0613-S1	3/12/2013	8.01	25.37	822.03	814.02
MW-0613-S1	9/24/2013	9.03	25.55	822.03	813.00
MW-0613-S1	4/22/2014	7.97	25.55	822.03	814.06
MW-0613-S1	9/3/2014	9.34	25.55	822.03	812.69
MW-0613-S1	3/10/2015	8.32	24.81	822.03	813.71
MW-0613-S1	9/8/2015	8.49	25.61	822.03	813.54
MW-0613-S1	3/10/2016	7.86	25.78	822.03	814.17
MW-0613-S1	9/7/2016	8.67	25.58	822.03	813.36
MW-0613-S1	11/16/2016	8.76	NM	822.03	813.27
MW-0613-S1	3/3/2017	7.61	25.60	821.47	813.86
MW-0613-S1	9/6/2017	8.02	25.59	821.47	813.45
MW-0614-B1	12/5/2006	9.13	NM	826.94	817.81
MW-0614-B1	3/8/2007	10.41	89.69	826.94	816.53
MW-0614-B1	1/16/2008	13.06	89.75	826.94	813.88
MW-0614-B1	11/11/2008	18.92	89.62	826.94	808.02
MW-0614-B1	2/17/2009	15.55	NM	826.94	811.39
MW-0614-B1	6/12/2009	13.69	NM	826.94	813.25
MW-0614-B1	4/13/2010	12.68	89.75	826.94	814.26
MW-0614-B1	9/5/2010	17.66	90.20	826.94	809.28
MW-0614-B1	4/20/2011	13.10	89.60	826.94	813.84
MW-0614-B1	9/27/2011	15.31	89.90	826.94	811.63
MW-0614-B1	9/3/2015	Abandoned Well			
MW-0614-S2	12/5/2006	9.05	NM	826.81	817.76
MW-0614-S2	3/8/2007	10.33	57.68	826.81	816.48
MW-0614-S2	1/16/2008	13.00	57.80	826.81	813.81
MW-0614-S2	11/11/2008	18.81	57.55	826.81	808.00
MW-0614-S2	2/17/2009	15.45	NM	826.81	811.36
MW-0614-S2	6/12/2009	13.58	NM	826.81	813.23
MW-0614-S2	4/13/2010	12.58	57.80	826.81	814.23

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0614-S2	9/5/2010	17.57	58.05	826.81	809.24
MW-0614-S2	4/20/2011	12.97	57.65	826.81	813.84
MW-0614-S2	9/27/2011	15.21	57.90	826.81	811.60
MW-0614-S2	3/29/2012	12.84	57.85	826.81	813.97
MW-0614-S2	10/9/2012	18.27	57.70	826.81	808.54
MW-0614-S2	3/12/2013	13.25	57.70	826.81	813.56
MW-0614-S2	9/24/2013	15.91	57.91	826.81	810.90
MW-0614-S2	4/22/2014	13.78	57.87	826.81	813.03
MW-0614-S2	9/3/2014	16.43	57.85	826.81	810.38
MW-0614-S2	3/10/2015	15.13	NM	826.81	811.68
MW-0614-S2	9/8/2015	13.36	57.95	826.81	813.45
MW-0614-S2	3/10/2016	13.41	57.88	826.81	813.4
MW-0614-S2	9/7/2016	15.91	57.49	826.81	810.9
MW-0614-S2	11/16/2016	14.86	NM	826.81	811.95
MW-0614-S2	3/3/2017	12.22	57.93	826.22	814.00
MW-0614-S2	9/6/2017	14.30	57.84	826.22	811.92
MW-0615-B1	12/5/2006	12.12	NM	824.74	812.62
MW-0615-B1	3/8/2007	13.37	78.28	824.74	811.37
MW-0615-B1	1/16/2008	13.84	78.45	824.74	810.90
MW-0615-B1	11/11/2008	18.16	78.19	824.74	806.58
MW-0615-B1	2/17/2009	14.75	NM	824.74	809.99
MW-0615-B1	6/12/2009	14.12	NM	824.74	810.62
MW-0615-B1	4/13/2010	13.53	78.36	824.74	811.21
MW-0615-B1	9/5/2010	17.05	78.35	824.74	807.69
MW-0615-B1	4/20/2011	14.05	78.26	824.74	810.69
MW-0615-B1	9/27/2011	15.19	78.45	824.74	809.55
MW-0615-B1	8/25/2015	Abandoned Well			
MW-0616-B1	12/5/2006	4.58	110.55	822.3	817.72
MW-0616-B1	3/8/2007	5.88	110.55	822.3	816.42
MW-0616-B1	1/16/2008	8.60	110.55	822.3	813.70
MW-0616-B1	11/11/2008	14.52	110.51	822.3	807.78
MW-0616-B1	2/17/2009	11.02	NM	822.3	811.28
MW-0616-B1	6/12/2009	9.18	NM	822.3	813.12
MW-0616-B1	4/13/2010	8.23	NM	822.3	814.07
MW-0616-B1	9/5/2010	13.10	NM	822.3	809.20
MW-0616-B1	4/20/2011	8.51	--	822.3	813.79
MW-0616-B1	9/27/2011	10.76	110.80	822.3	811.54
MW-0616-B1	9/2/2015	Abandoned Well			
MW-0616-S1	12/5/2006	6.58	NM	822.06	815.48
MW-0616-S1	3/8/2007	7.11	24.36	822.06	814.95
MW-0616-S1	1/16/2008	7.47	24.50	822.06	814.59
MW-0616-S1	11/11/2008	9.84	24.25	822.06	812.22
MW-0616-S1	2/17/2009	8.31	NM	822.06	813.75
MW-0616-S1	6/12/2009	7.53	NM	822.06	814.53

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0616-S1	4/13/2010	7.49	24.30	822.06	814.57
MW-0616-S1	9/5/2010	9.28	24.25	822.06	812.78
MW-0616-S1	4/20/2011	6.39	24.22	822.06	815.67
MW-0616-S1	9/27/2011	7.53	24.40	822.06	814.53
MW-0616-S1	3/29/2012	7.68	24.53	822.06	814.38
MW-0616-S1	10/9/2012	9.32	24.19	822.06	812.74
MW-0616-S1	3/12/2013	8.09	24.19	822.06	813.97
MW-0616-S1	9/24/2013	8.59	24.24	822.06	813.47
MW-0616-S1	4/22/2014	7.83	24.24	822.06	814.23
MW-0616-S1	9/3/2014	8.70	24.21	822.06	813.36
MW-0616-S1	3/10/2015	7.97	22.50	822.06	814.09
MW-0616-S1	9/8/2015	8.29	24.21	822.06	813.77
MW-0616-S1	3/10/2016	7.79	24.17	822.06	814.27
MW-0616-S1	9/7/2016	14.49	24.19	822.06	807.57
MW-0616-S1	11/16/2016	8.87	NM	822.06	813.19
MW-0616-S1	3/3/2017	7.73	24.02	821.29	813.56
MW-0616-S1	9/6/2017	7.84	24.00	821.29	813.45
MW-0617-B1	3/8/2007	10.02	NM	826.63	816.61
MW-0617-B1	1/16/2008	12.58	NM	826.63	814.05
MW-0617-B1	11/11/2008	18.49	NM	826.63	808.14
MW-0617-B1	2/17/2009	15.08	NM	826.63	811.55
MW-0617-B1	6/12/2009	13.25	NM	826.63	813.38
MW-0617-B1	9/3/2015	Abandoned Well			
MW-0617-S1	3/8/2007	11.18	29.36	826.47	815.29
MW-0617-S1	1/16/2008	11.90	29.50	826.47	814.57
MW-0617-S1	11/11/2008	14.87	29.40	826.47	811.60
MW-0617-S1	2/17/2009	13.07	NM	826.47	813.40
MW-0617-S1	6/12/2009	12.03	NM	826.47	814.44
MW-0617-S1	10/9/2012	14.27	29.41	826.47	812.20
MW-0617-S1	3/12/2013	12.64	29.41	826.47	813.83
MW-0617-S1	9/24/2013	13.38	29.50	826.47	813.09
MW-0617-S1	4/22/2014	12.32	29.47	826.47	814.15
MW-0617-S1	9/3/2014	13.63	29.51	826.47	812.84
MW-0617-S1	3/10/2015	12.72	29.49	826.47	813.75
MW-0617-S1	9/8/2015	12.89	29.30	826.47	813.58
MW-0617-S1	3/10/2016	12.37	29.58	826.47	814.1
MW-0617-S1	9/7/2016	13.05	29.57	826.47	813.42
MW-0617-S1	11/16/2016	13.32	NM	826.47	813.15
MW-0617-S1	3/3/2017	12.04	28.25	826.10	814.06
MW-0617-S1	9/6/2017	12.47	29.50	826.1	813.63
MW-0617-S2	3/8/2007	10.21	63.37	826.66	816.45
MW-0617-S2	1/16/2008	12.80	63.15	826.66	813.86
MW-0617-S2	11/11/2008	18.68	63.20	826.66	807.98
MW-0617-S2	2/17/2009	15.33	NM	826.66	811.33

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0617-S2	6/12/2009	13.44	NM	826.66	813.22
MW-0617-S2	6/12/2009	13.44	NM	826.66	813.22
MW-0617-S2	3/10/2016	13.02	NM	826.66	813.64
MW-0617-S2	9/7/2016	15.01	63.22	826.66	811.65
MW-0617-S2	11/16/2016	14.57	63.45	826.66	812.09
MW-0617-S2	3/3/2017	12.22	62.98	826.02	813.80
MW-0617-S2	9/6/2017	14.18	63.27	826.02	811.84
MW-0618-S1	12/5/2006	8.13	NM	824.84	816.71
MW-0618-S1	3/8/2007	9.08	27.00	824.84	815.76
MW-0618-S1	1/16/2008	9.72	27.12	824.84	815.12
MW-0618-S1	11/11/2008	13.07	27.05	824.84	811.77
MW-0618-S1	2/17/2009	11.09	NM	824.84	813.75
MW-0618-S1	6/12/2009	9.94	NM	824.84	814.90
MW-0618-S1	4/13/2010	9.73	27.31	824.84	815.11
MW-0618-S1	9/5/2010	12.32	27.05	824.84	812.52
MW-0618-S1	4/20/2011	9.13	26.99	824.84	815.71
MW-0618-S1	9/27/2011	10.28	27.20	824.84	814.56
MW-0618-S1	3/29/2012	10.06	27.19	824.84	814.78
MW-0618-S1	10/9/2012	12.43	26.99	824.84	812.41
MW-0618-S1	3/12/2013	10.51	26.99	824.84	814.33
MW-0618-S1	9/24/2013	11.48	27.18	824.84	813.36
MW-0618-S1	4/22/2014	10.28	27.17	824.84	814.56
MW-0618-S1	9/3/2014	11.78	27.18	824.84	813.06
MW-0618-S1	3/10/2015	10.68	NM	824.84	814.16
MW-0618-S1	9/8/2015	10.93	27.19	824.84	813.91
MW-0618-S1	3/10/2016	10.25	27.18	824.84	814.59
MW-0618-S1	9/7/2016	11.09	27.17	824.84	813.75
MW-0618-S1	11/16/2016	16.59	NM	824.84	808.25
MW-0618-S1	3/3/2017	10.01	27.21	824.22	814.21
MW-0618-S1	9/6/2017	10.43	27.20	824.22	813.79
MW-0619-S1	12/5/2006	10.13	NM	827.46	817.33
MW-0619-S1	3/8/2007	11.12	26.07	827.46	816.34
MW-0619-S1	1/16/2008	11.88	26.20	827.46	815.58
MW-0619-S1	11/11/2008	15.29	26.10	827.46	812.17
MW-0619-S1	2/17/2009	13.51	NM	827.46	813.95
MW-0619-S1	6/12/2009	12.03	NM	827.46	815.43
MW-0619-S1	10/9/2012	14.69	26.07	827.46	812.77
MW-0619-S1	3/12/2013	12.85	26.07	827.46	814.61
MW-0619-S1	9/24/2013	13.65	26.25	827.46	813.81
MW-0619-S1	4/22/2014	12.34	26.24	827.46	815.12
MW-0619-S1	9/3/2014	14.02	26.26	827.46	813.44
MW-0619-S1	3/10/2015	12.93	26.24	827.46	814.53
MW-0619-S1	9/8/2015	13.05	26.26	827.46	814.41
MW-0619-S1	3/10/2016	12.55	26.33	827.46	814.91

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0619-S1	9/7/2016	13.33	26.21	827.46	814.13
MW-0619-S1	11/16/2016	13.61	NM	827.46	813.85
MW-0619-S1	3/3/2017	12.07	26.02	826.12	814.05
MW-0619-S1	9/6/2017	12.57	26.26	826.12	813.55
MW-0620-S1	12/5/2006	9.94	NM	827.39	817.45
MW-0620-S1	3/8/2007	10.97	18.36	827.39	816.42
MW-0620-S1	1/16/2008	11.78	18.46	827.39	815.61
MW-0620-S1	11/11/2008	15.15	18.45	827.39	812.24
MW-0620-S1	2/17/2009	13.41	NM	827.39	813.98
MW-0620-S1	6/12/2009	11.89	NM	827.39	815.50
MW-0620-S1	4/13/2010	11.60	18.39	827.39	815.79
MW-0620-S1	9/5/2010	13.85	18.40	827.39	813.54
MW-0620-S1	4/20/2011	11.07	18.34	827.39	816.32
MW-0620-S1	9/27/2011	12.19	18.55	827.39	815.20
MW-0620-S1	3/29/2012	11.95	18.50	827.39	815.44
MW-0620-S1	10/9/2012	14.60	19.38	827.39	812.79
MW-0620-S1	3/12/2013	12.82	19.38	827.39	814.57
MW-0620-S1	9/24/2013	13.55	18.54	827.39	813.84
MW-0620-S1	4/22/2014	12.19	18.52	827.39	815.20
MW-0620-S1	9/3/2014	13.15	18.52	827.39	814.24
MW-0620-S1	3/10/2015	13.17	18.53	827.39	814.22
MW-0620-S1	9/8/2015	12.97	18.32	827.39	814.42
MW-0620-S1	3/10/2016	12.31	18.62	827.39	815.08
MW-0620-S1	9/7/2016	13.23	18.55	827.39	814.16
MW-0620-S1	11/16/2016	13.49	NM	827.39	813.9
MW-0620-S1	3/3/2017	11.88	18.30	826.86	814.98
MW-0620-S1	9/6/2017	12.47	18.83	826.86	814.39
MW-0621-S1	12/5/2006	9.53	NM	826.72	817.19
MW-0621-S1	3/8/2007	10.49	24.55	826.72	816.23
MW-0621-S1	1/16/2008	11.19	24.66	826.72	815.53
MW-0621-S1	11/11/2008	14.62	24.58	826.72	812.10
MW-0621-S1	2/17/2009	12.84	NM	826.72	813.88
MW-0621-S1	6/12/2009	11.39	NM	826.72	815.33
MW-0621-S1	4/13/2010	11.15	24.63	826.72	815.57
MW-0621-S1	9/5/2010	13.86	24.62	826.72	812.86
MW-0621-S1	4/20/2011	10.68	24.54	826.72	816.04
MW-0621-S1	9/27/2011	11.81	24.78	826.72	814.91
MW-0621-S1	3/29/2012	11.47	24.71	826.72	815.25
MW-0621-S1	10/9/2012	14.05	24.61	826.72	812.67
MW-0621-S1	3/12/2013	12.19	24.61	826.72	814.53
MW-0621-S1	9/24/2013	13.00	24.73	826.72	813.72
MW-0621-S1	4/22/2014	11.71	24.72	826.72	815.01
MW-0621-S1	9/3/2014	13.31	24.74	826.72	813.41
MW-0621-S1	3/10/2015	12.28	24.73	826.72	814.44

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0621-S1	9/8/2015	12.38	24.53	826.72	814.34
MW-0621-S1	3/10/2016	11.90	24.85	826.72	814.82
MW-0621-S1	9/7/2016	12.76	24.76	826.72	813.96
MW-0621-S1	11/16/2016	12.92	NM	826.72	813.80
MW-0621-S1	3/3/2017	11.47	24.57	826.14	814.67
MW-0621-S1	9/6/2017	11.91	24.75	826.14	814.23
MW-0622-S1	12/5/2006	11.03	NM	828.57	817.54
MW-0622-S1	3/8/2007	12.07	23.78	828.57	816.50
MW-0622-S1	1/16/2008	12.90	23.85	828.57	815.67
MW-0622-S1	11/11/2008	16.27	23.82	828.57	812.30
MW-0622-S1	2/17/2009	14.59	NM	828.57	813.98
MW-0622-S1	6/12/2009	12.98	NM	828.57	815.59
MW-0622-S1	10/9/2012	15.71	23.75	828.57	812.86
MW-0622-S1	3/12/2013	13.89	23.75	828.57	814.68
MW-0622-S1	9/24/2013	14.66	23.92	828.57	813.91
MW-0622-S1	4/22/2014	13.24	23.94	828.57	815.33
MW-0622-S1	9/3/2014	15.02	23.89	828.57	813.55
MW-0622-S1	3/10/2015	13.95	23.98	828.57	814.62
MW-0622-S1	9/8/2015	14.02	23.96	828.57	814.55
MW-0622-S1	3/10/2016	13.55	24.02	828.57	815.02
MW-0622-S1	9/7/2016	14.28	23.91	828.57	814.29
MW-0622-S1	11/16/2016	14.60	NM	828.57	813.97
MW-0622-S1	3/3/2017	13.09	23.68	828.10	815.01
MW-0622-S1	9/6/2017	13.52	23.90	828.1	814.58
MW-0622-S2	12/5/2006	10.54	NM	828.66	818.12
MW-0622-S2	3/8/2007	11.81	65.94	828.66	816.85
MW-0622-S2	1/16/2008	14.01	66.05	828.66	814.65
MW-0622-S2	11/11/2008	20.76	65.95	828.66	807.90
MW-0622-S2	2/17/2009	17.31	NM	828.66	811.35
MW-0622-S2	6/12/2009	15.32	NM	828.66	813.34
MW-0622-S2	4/13/2010	14.28	66.00	828.66	814.38
MW-0622-S2	9/5/2010	19.50	66.05	828.66	809.16
MW-0622-S2	4/20/2011	14.82	65.89	828.66	813.84
MW-0622-S2	9/27/2011	17.13	66.15	828.66	811.53
MW-0622-S2	3/29/2012	14.40	66.09	828.66	814.26
MW-0622-S2	10/9/2012	20.24	65.95	828.66	808.42
MW-0622-S2	3/12/2013	15.10	65.95	828.66	813.56
MW-0622-S2	9/24/2013	17.70	66.10	828.66	810.96
MW-0622-S2	4/22/2014	15.61	67.07	828.66	813.05
MW-0622-S2	9/3/2014	19.32	66.98	828.66	809.34
MW-0622-S2	3/10/2015	16.82	NM	828.66	811.84
MW-0622-S2	9/8/2015	15.13	66.50	828.66	813.53
MW-0622-S2	3/10/2016	15.21	NM	828.66	813.45
MW-0622-S2	9/7/2016	17.95	66.12	828.66	810.71

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0622-S2	11/16/2016	16.40	NM	828.66	812.26
MW-0622-S2	3/3/2017	13.89	65.92	827.98	814.09
MW-0622-S2	9/6/2017	16.08	66.13	827.98	811.90
MW-0623-S1	3/8/2007	12.37	25.04	829.09	816.72
MW-0623-S1	1/16/2008	13.17	25.17	829.09	815.92
MW-0623-S1	11/11/2008	16.58	25.18	829.09	812.51
MW-0623-S1	2/17/2009	14.96	NM	829.09	814.13
MW-0623-S1	6/12/2009	13.37	NM	829.09	815.72
MW-0623-S1	4/13/2010	13.00	25.10	829.09	816.09
MW-0623-S1	9/5/2010	15.79	25.10	829.09	813.30
MW-0623-S1	4/20/2011	12.62	25.00	829.09	816.47
MW-0623-S1	9/27/2011	13.80	25.26	829.09	815.29
MW-0623-S1	3/29/2012	13.32	25.20	829.09	815.77
MW-0623-S1	10/9/2012	16.04	25.05	829.09	813.05
MW-0623-S1	3/12/2013	14.23	25.05	829.09	814.86
MW-0623-S1	9/24/2013	14.94	25.22	829.09	814.15
MW-0623-S1	4/22/2014	13.53	25.21	829.09	815.56
MW-0623-S1	9/3/2014	15.31	25.23	829.09	813.78
MW-0623-S1	3/10/2015	14.27	25.25	829.09	814.82
MW-0623-S1	9/8/2015	14.83	23.43	829.09	814.26
MW-0623-S1	3/10/2016	14.86	25.34	829.09	814.23
MW-0623-S1	9/7/2016	14.58	25.26	829.09	814.51
MW-0623-S1	11/16/2016	14.93	NM	829.09	814.16
MW-0623-S1	3/3/2017	13.37	25.00	828.47	815.10
MW-0623-S1	9/6/2017	13.88	25.25	828.47	814.59
MW-0702-B1	1/16/2008	10.65	72.70	825.03	814.38
MW-0702-B1	11/11/2008	16.57	72.46	825.03	808.46
MW-0702-B1	2/17/2009	13.19	NM	825.03	811.84
MW-0702-B1	6/12/2009	11.30	NM	825.03	813.73
MW-0702-B1	4/13/2010	10.29	72.60	825.03	814.74
MW-0702-B1	9/5/2010	15.27	72.60	825.03	809.76
MW-0702-B1	4/20/2011	10.72	72.47	825.03	814.31
MW-0702-B1	9/27/2011	12.89	72.73	825.03	812.14
MW-0702-B1	9/3/2015	Abandoned Well			
MW-0703-B1	1/16/2008	13.30	111.32	823.61	810.31
MW-0703-B1	11/11/2008	17.01	111.32	823.61	806.60
MW-0703-B1	2/17/2009	13.66	NM	823.61	809.95
MW-0703-B1	6/12/2009	13.21	NM	823.61	810.40
MW-0703-B1	4/13/2010	12.45	NM	823.61	811.16
MW-0703-B1	9/5/2010	16.10	NM	823.61	807.51
MW-0703-B1	4/20/2011	12.73	NM	823.61	810.88
MW-0703-B1	9/27/2011	14.12	111.75	823.61	809.49
MW-0703-B1	9/3/2015	Abandoned Well			

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-0704-S1	1/16/2008	9.84	29.31	825.38	815.54
MW-0704-S1	11/11/2008	13.15	29.20	825.38	812.22
MW-0704-S1	2/17/2009	11.27	NM	825.38	814.11
MW-0704-S1	6/12/2009	10.04	NM	825.38	815.34
MW-0704-S1	4/13/2010	9.83	29.23	825.38	815.55
MW-0704-S1	9/5/2010	12.38	29.20	825.38	813.00
MW-0704-S1	4/20/2011	9.26	29.17	825.38	816.12
MW-0704-S1	9/27/2011	10.39	29.39	825.38	814.99
MW-0704-S1	3/29/2012	10.14	29.35	825.38	815.24
MW-0704-S1	10/9/2012	12.52	29.16	825.38	812.86
MW-0704-S1	3/12/2013	10.67	29.16	825.38	814.71
MW-0704-S1	9/24/2013	11.55	29.36	825.38	813.83
MW-0704-S1	4/22/2014	10.38	29.36	825.38	815.00
MW-0704-S1	9/3/2014	11.86	29.33	825.38	813.51
MW-0704-S1	3/10/2015	10.80	29.28	825.38	814.58
MW-0704-S1	9/8/2015	11.01	29.39	825.38	814.37
MW-0704-S1	3/10/2016	10.41	29.38	825.38	814.97
MW-0704-S1	9/7/2016	11.20	29.37	825.38	814.18
MW-0704-S1	11/16/2016	11.66	NM	825.38	813.72
MW-0704-S1	3/3/2017	10.09	29.38	824.44	814.35
MW-0704-S1	9/6/2017	10.54	29.34	824.44	813.90
MW-0705-S1	1/16/2008	11.20	25.78	826.16	814.96
MW-0705-S1	11/11/2008	13.71	25.68	826.16	812.45
MW-0705-S1	2/17/2009	11.86	NM	826.16	814.30
MW-0705-S1	6/12/2009	10.79	NM	826.16	815.37
MW-0705-S1	10/9/2012	13.10	25.65	826.16	813.06
MW-0705-S1	3/12/2013	11.31	25.65	826.16	814.85
MW-0705-S1	9/24/2013	12.20	25.85	826.16	813.96
MW-0705-S1	4/22/2014	11.09	25.82	826.16	815.07
MW-0705-S1	9/3/2014	12.50	25.82	826.16	813.66
MW-0705-S1	3/10/2015	11.91	25.80	826.16	814.25
MW-0705-S1	9/8/2015	11.67	25.87	826.16	814.49
MW-0705-S1	3/10/2016	11.08	25.85	826.16	815.08
MW-0705-S1	9/7/2016	11.83	25.83	826.16	814.33
MW-0705-S1	11/16/2016	12.09	NM	826.16	814.07
MW-0705-S1	3/3/2017	10.86	25.88	824.79	813.93
MW-0705-S1	9/6/2017	11.23	25.80	824.79	813.56
MW-1501-S1	3/10/2016	11.67	19.04	828.32	816.65
MW-1501-S1	9/7/2016	12.41	18.93	828.32	815.91
MW-1501-S1	11/16/2016	13.33	NM	828.32	814.99
MW-1501-S1	3/3/2017	11.50	18.70	827.45	815.95
MW-1501-S1	9/6/2017	18.95	11.95	827.45	808.50
MW-1502-S1	3/10/2016	12.79	28.07	828.45	815.66
MW-1502-S1	9/7/2016	13.53	27.97	828.45	814.92

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-1502-S1	11/16/2016	13.88	NM	828.45	814.57
MW-1502-S1	3/3/2017	12.35	27.72	827.27	814.92
MW-1502-S1	9/6/2017	12.80	27.95	827.27	814.47
MW-1503-S1	3/10/2016	12.98	28.68	828.24	815.26
MW-1503-S1	9/7/2016	13.73	28.48	828.24	814.51
MW-1503-S1	11/16/2016	14.08	NM	828.24	814.16
MW-1503-S1	3/3/2017	12.53	28.28	827.45	814.92
MW-1503-S1	9/6/2017	13.03	28.50	827.45	814.42
MW-1504-S1	3/10/2016	12.98	27.62	828.24	815.26
MW-1504-S1	9/7/2016	13.73	27.43	828.24	814.51
MW-1504-S1	11/16/2016	14.08	NM	828.24	814.16
MW-1504-S1	3/3/2017	12.53	27.38	827.53	815.00
MW-1504-S1	9/6/2017	13.03	27.43	827.53	814.50
MW-1505-S1	3/10/2016	13.02	32.17	828.19	815.17
MW-1505-S1	9/7/2016	13.78	27.57	828.19	814.41
MW-1505-S1	11/16/2016	14.12	NM	828.19	814.07
MW-1505-S1	3/3/2017	12.58	31.85	827.53	814.95
MW-1505-S1	9/6/2017	13.03	32.05	827.53	814.50
MW-1506-S1	3/10/2016	13.32	34.17	827.89	814.57
MW-1506-S1	9/7/2016	14.07	34.27	827.89	813.82
MW-1506-S1	11/16/2016	14.40	NM	827.89	813.49
MW-1506-S1	3/3/2017	12.88	34.03	827.82	814.94
MW-1506-S1	9/6/2017	13.35	34.26	827.82	814.47
MW-1507-S1	3/10/2016	13.42	33.67	827.77	814.35
MW-1507-S1	9/7/2016	14.17	33.57	827.77	813.60
MW-1507-S1	11/16/2016	14.51	NM	827.77	813.26
MW-1507-S1	3/3/2017	12.97	33.33	827.94	814.97
MW-1507-S1	9/6/2017	13.42	33.56	827.94	814.52
MW-1508-S1	3/10/2016	14.46	35.21	826.69	812.23
MW-1508-S1	9/7/2016	14.68	34.58	826.69	812.01
MW-1508-S1	11/16/2016	15.04	NM	826.69	811.65
MW-1508-S1	3/3/2017	13.48	34.30	828.48	815.00
MW-1508-S1	9/6/2017	13.95	34.48	828.48	814.53
DR-1301-S1	3/3/2017	12.15	24.62	827.04	814.89
DR-1301-S1	9/6/2017	12.78	24.82	827.04	814.26
IW-1301-S1	3/3/2017	12.03	23.62	826.97	814.94
IW-1301-S1	9/6/2017	12.53	23.85	826.97	814.44
PM-1301	3/10/2016	12.42	24.23	828.92	816.50
PM-1301	9/7/2016	13.23	24.23	828.92	815.69

Table 1
Monitoring Well Groundwater Elevation Data
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Well ID	Date	Depth to Water (feet)	Total Depth (feet)	Top of Casing Elevation* (feet AMSL)	Groundwater Elevation (feet AMSL)
PM-1301	11/16/2016	14.10	NM	828.92	814.82
PM-1301	3/3/2017	11.98	23.94	826.8	814.82
PM-1301	9/6/2017	12.46	24.22	826.8	814.34

Notes:

* : Monitoring wells re-surveyed March 3-7, 2017 by John H. Stephens R.L.S, Inc.
AMSL: Above mean sea level
NM: Reading not collected

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0101-S1U	6/22/2001	MW-1M~06/22/2001~N~LB	Low-Flow	< 50 U	< 50 U	< 50 U	--	--	< 200 U	800	--	< 100 U	< 50 U	--	< 50 U	3,100	67
MW-0101-S1U	11/15/2004	FD-1 (111504)~RE	Low-Flow	< 5.0 U	< 5.0 U	13	< 50.0 U	< 5.0 U	< 5.0 U	1,600	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	69	13,000	140
MW-0101-S1U	11/15/2004	MW-1M (111504)~RE	Low-Flow	< 5.0 U	< 5.0 U	14	< 50.0 U	< 5.0 U	< 5.0 U	1,300	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	73	11,000	150
MW-0101-S1U	3/24/2006	MW-0101-S1U (032406)	Low-Flow	< 5.0 U	14	7.0	< 50.0 U	2.4 J	< 5.0 U	1,200	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	68	9,400	67
MW-0101-S1U	11/10/2006	FD-1 (111006)-BDS	Low-Flow	< 5.0 U	12	9.3	< 50.0 U	2.3 J	< 5.0 U	1,100	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	72	7,500	100
MW-0101-S1U	11/10/2006	MW-0101-S1U (111006)	Low-Flow	< 5.0 U	12	9.4	< 50.0 U	2.3 J	< 5.0 U	1,100	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	73	7,700	100
MW-0101-S1U	4/19/2012	FD-1 (041912)-TP	PDB	< 5.0 U	< 5.0 U	20.3	< 100 U	< 5.0 U	< 5.0 U	748 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	57.7	13,500 D	69.0
MW-0101-S1U	4/19/2012	FD-2 (041912)-BC	Low-Flow	< 5.0 U	< 5.0 U	8.1	< 100 U	< 5.0 U	< 5.0 U	712 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	63.4	4,550 D	83.0
MW-0101-S1U	4/19/2012	MW-0101-S1U (041912)-LF	Low-Flow	< 5.0 U	< 5.0 U	8.5	< 100 U	< 5.0 U	< 5.0 U	673 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	62.0	5,390 D	77.1
MW-0101-S1U	4/19/2012	MW-0101-S1U (041912)-PDB	PDB	< 5.0 U	< 5.0 U	20.4	< 100 U	< 5.0 U	< 5.0 U	688 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	56.6	13,500 D	66.3
MW-0101-S1U	10/31/2012	MW-0101-S1U(103112)LF	Low-Flow	< 5.0 U	3.4 J	6.2	< 100 U	1.9 J	< 5.0 U	819 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	70.8	3,430 D	88.7
MW-0101-S1U	10/31/2012	MW-0101-S1U(103112)PDB	PDB	< 5.0 U	2.8 J	11.4	< 100 U	2.1 J	< 5.0 U	847 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	67.5	8,500 D	86.7
MW-0101-S1U	4/2/2013	MW-0101-S1U (040213)PDB	PDB	< 5.0 U	4.9 J	15.8 J	< 100 U	1.4 J	< 5.0 U	1,180 EJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	70.6 J	10,600 EJ	52.4
MW-0101-S1U	10/16/2013	MW-0101-S1U(101613)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	2,990 D	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	66.1	6,920 D	55.8
MW-0101-S1U	5/13/2014	MW-0101-S1U(051314)	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	1,240	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	49.0 J	11,200 D	50.0
MW-0101-S1U	9/25/2014	MW-0101-S1U(092514)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,030	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	53.6	18,100 DJ	31.9
MW-0101-S1U	3/31/2015	MW-0101-S1U(033115)-PDB	PDB	< 25.0 U	4.2 J	8.0 J	< 500 U	< 25.0 UB	< 25.0 U	1,060	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	56.1	17,900 D	32.8
MW-0101-S1U	9/30/2015	MW-0101-S1U(093015)PDB	PDB	< 5.0 U	2.7 J	19.8	< 100 UB	2.9 J	< 5.0 U	3,160 D	< 100 U	< 5.0 U	< 5.0 U	0.44 J	114	5,200 D	75.6
MW-0101-S1U	3/9/2016	MW-0101-S1U(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,020	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	62.0	6,560 D	59.3
MW-0101-S1U	9/27/2016	MW-0101-S1U(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 UJ	< 50.0 U	< 50.0 U	2,330	< 1,000 U	< 110 UB	< 50.0 U	< 50.0 U	69.5	18,500 D	33.2
MW-0101-S1U	3/24/2017	MW-0101-S1U(032417)PDB	PDB	< 500 U	< 500 U	< 500 U	< 10,000 U	< 500 U	< 500 U	3,020	< 10,000 U	< 500 U	< 500 U	< 500 U	< 500 U	16,800	< 200 U
MW-0101-S1U	9/27/2017	MW-0101-S1U (092717)	PDB	< 500 U	< 500 U	< 500 U	< 10,000 U	< 500 U	< 500 U	8,670	< 10,000 UJ	< 500 U	< 500 U	< 500 U	< 500 U	< 500 U	268 J
MW-0102-S1U	6/22/2001	MW-2 DUP~06/22/2001~N~LB	Low-Flow	< 50 U	< 50 U	< 50 U	--	--	< 200 U	360	--	< 100 U	< 50 U	--	< 50 U	410	< 20 U
MW-0102-S1U	6/22/2001	MW-2~06/22/2001~N~LB	Low-Flow	< 50 U	< 50 U	< 50 U	--	--	< 200 U	340	--	< 100 U	< 50 U	--	< 50 U	370	< 20 U
MW-0102-S1U	11/15/2004	MW-2 (111504)~RE	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	770	< 5.0 U	< 9.5 U	< 5.0 U	< 5.0 U	74	4,600	37
MW-0102-S1U	10/20/2005	MW-2-IU (102005)	Low-Flow	< 5.0 U	< 5.0 U	5.1	< 50.0 U	< 5.0 U	< 5.0 U	770	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	68	3,800	21
MW-0102-S1U	3/22/2006	MW-0102-S1U (032206)	Low-Flow	< 5.0 U	< 5.0 U	4.5 J	< 50.0 U	< 5.0 U	< 5.0 U	1,000	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	88	4,800	21
MW-0102-S1U	4/19/2012	MW-0102-S1U (041912)-LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	563 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	85.9	2,380 D	21.2
MW-0102-S1U	4/19/2012	MW-0102-S1U (041912)-PDB	PDB	< 5.0 U	< 5.0 U	5.9	< 100 U	< 5.0 U	< 5.0 U	948 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	108	3,970 D	35.1
MW-0102-S1U	10/31/2012	MW-0102-S1U(103112)PDB	PDB	< 5.0 U	< 5.0 U	3.9 J	< 100 U	< 5.0 U	< 5.0 U	916 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	114	3,770 D	35.3
MW-0102-S1U	4/2/2013	MW-0102-S1U (040213)PDB	PDB	< 5.0 U	< 5.0 U	3.1 J	< 100 U	< 5.0 U	< 5.0 U	847 EJ	< 100 U	3.9 J	< 5.0 U	< 5.0 U	103	3,370 EJ	21.5
MW-0102-S1U	10/16/2013	MW-0102-S1U(101613)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	988	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	105	3,870 D	6.5 J
MW-0102-S1U	5/13/2014	MW-0102-S1U (051314)	PDB	< 5.0 U	< 5.0 U	4.9 J	< 100 U	< 5.0 U	< 5.0 U	826 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	103	2,910 D	21.8
MW-0102-S1U	9/25/2014	MW-0102-S1U(092514)PDB	PDB	< 5.0 U	< 5.0 U	3.1 J	< 100 U	< 5.0 U	< 5.0 U	907 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	75.2	2,950 D	17.4
MW-0102-S1U	3/31/2015	MW-0102-S1U(033115)-PDB	PDB	< 25.0 U	< 25.0 U	2.8 J	< 500 U	< 25.0 U	< 25.0 U	867	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	82.8	2,470 D	12.9
MW-0102-S1U	9/30/2015	MW-0102-S1U(093015)PDB	PDB	< 5.0 U	4.4 J	6.5	< 100 UB	< 5.0 U	< 5.0 U	1,280 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	125	4,440 D	28.6
MW-0102-S1U	3/9/2016	MW-0102-S1U(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,010	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	114	2,360 D	17.0
MW-0102-S1U	9/27/2016	MW-0102-S1U(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	1,230	< 1,000 U	< 106 UB	< 50.0 U	< 50.0 U	104	5,060 D	21.6
MW-0102-S1U	3/24/2017	MW-0102-S1U(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,310	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	120	3,640 D	27.2
MW-0102-S1U	9/27/2017	MW-0102-S1U (092717)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 UJ	< 25.0 U	< 25.0 U	1,310	< 500 UJ	< 25.0 U	< 25.0 U	< 25.0 U	112	3,470	17.9
MW-0103-S1U	6/22/2001	MW-3~06/22/2001~N~LB	Low-Flow	< 5.0 U	< 5.0 U	17	--	--	< 20 U	71	--	< 10 U	< 5.0 U	--	18	12	2.2
MW-0103-S1U	11/15/2004	MW-3 (111504)~RE	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	110	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	25	< 5.0 U	< 2.0 U
MW-0103-S1U	3/22/2006	MW-0103-S1U (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	150	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	37	13	< 2.0 U
MW-0103-S1U	6/24/2009	MW-0103-S1U (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	264	< 100 U	< 5 U	< 5 U	< 5 U	34.8	< 5 U	3.9
MW-0103-S1U	10/31/2012	MW-0103-S1U(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	4.1 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.7 J	< 2.0 U
MW-0103-S1U	4/2/2013	MW-0103-S1U (040213)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	8.1 J	< 100 U	2.9 J	< 5.0 U	< 5.0 U	< 5.0 U	40.4 J	< 2.0 U
MW-0103-S1U	10/16/2013	MW-0103-S1U(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	14.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	6.0	< 2.0 U
MW-0103-S1U	5/13/2014	MW-0103-S1U (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	62.5 UB	< 5.0 U	< 5.0 U	3.6 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	8.8	< 2.0 U
MW-0103-S1U	9/25/2014	MW-0103-S1U(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	2.5 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	11.5	< 2.0 U
MW-0103-S1U	3/31/2015	MW-0103-S1U(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	4.1 J	0.39 J	< 5.0 U	< 5.0 U	< 5.0 U	0.31 J	6.7	< 2.0 U
MW-0103-S1U	9/30/2015	MW-0103-S1U(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	293	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	22.4	1.8 J	1.4 J
MW-0103-S1U	3/30/2016	MW-0103-S1U(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	7.6	< 100 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	5.3	< 2.0 UJ
MW-0103-S1U	9/27/2016	MW-0103-S1U(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 7.1 UB	< 5.0 U	< 5.0 U	< 5.0 U	9.3	< 2.0 U
MW-0103-S1U	3/24/2017	MW-0103-S1U(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	6.2	< 2.0 U
MW-0103-S1U	9/27/2017	MW-0103-S1U (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.5	< 2.0 U
MW-0501-P1	10/18/2005	MW-0501-1L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	5.0	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-P1	3/22/2006	MW-0501-P1 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	20	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.3 J	6.8
MW-0501-S1	3/22/2006	MW-0501-S1 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	4.4 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	11/7/2006	MW-0501-S1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	6/25/2009	MW-0501-S1 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0501-S1	6/25/2009	MW-0501-S1-LF (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0501-S1	5/5/2010	MW-0501-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0501-S1	10/28/2010	MW-0501-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	5/13/2011	MW-0501-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	2.8	0.66 J	< 1.0 U	< 1.0 U	< 1.0 U	0.20 J	< 1.0 U	< 1.0 U
MW-0501-S1	10/18/2011	MW-0501-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	10/31/2012	MW-0501-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	4/2/2013	MW-0501-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.7 J	< 2.0 U
MW-0501-S1	10/16/2013	MW-0501-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	2.8 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	5/13/2014	MW-0501-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	63.4 UB	< 5.0 U	< 5.0 U	3.0 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	9/25/2014	MW-0501-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	85.1 J	< 5.0 U	< 5.0 U	4.5 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.4	< 2.0 U
MW-0501-S1	3/31/2015	MW-0501-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	4.1 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.36 J	< 2.0 U
MW-0501-S1	9/30/2015	MW-0501-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	2.6 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	3/30/2016	MW-0501-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0501-S1	9/27/2016	MW-0501-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	180	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 6.8 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	3/24/2017	MW-0501-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S1	9/27/2017	MW-0501-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S2	10/18/2005	MW-0501-2L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S2	3/21/2006	MW-0501-S2 (032106)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	26	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.2 J	< 2.0 U
MW-0501-S2	6/24/2009	MW-0501-S2 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0501-S2	5/5/2010	MW-0501-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0501-S2	10/28/2010	MW-0501-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S2	5/13/2011	MW-0501-S2(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.67 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0501-S2	10/18/2011	MW-0501-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0501-S3U	10/20/2005	MW-0501-3L (102005)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	5.9	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S3U	3/21/2006	MW-0501-S3U (032106)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	73	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0501-S3U	6/24/2009	MW-0501-S3U (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0502-S1	10/19/2005	MW-0502-1L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	9.9	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	84	< 2.0 U
MW-0502-S1	3/24/2006	MW-0502-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	15	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	4.8 J	190	< 2.0 U
MW-0502-S1	11/10/2006	MW-0502-S1 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	18	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.7	180	< 2.0 U
MW-0502-S1	10/31/2012	MW-0502-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.2 J	< 2.0 U
MW-0502-S1	10/16/2013	MW-0502-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	5/13/2014	MW-0502-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	9/25/2014	MW-0502-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	3/31/2015	MW-0502-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	1.1 J	0.36 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.0 J	< 2.0 U
MW-0502-S1	9/30/2015	MW-0502-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	1.2 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	3/30/2016	MW-0502-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	9/27/2016	MW-0502-S1(091716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.3 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	3/24/2017	MW-0502-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0502-S1	9/27/2017	MW-0502-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0503-B1a	11/14/2008	MW-0503-B1A (140-150)(111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	10.8 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/17/2008	MW-0503-B1A (132-142)(111708)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/18/2008	MW-0503-B1A (102-112)(111808)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	20.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/18/2008	MW-0503-B1A (112-122)(111808)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/18/2008	MW-0503-B1A (122-132)(111808)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	6.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/18/2008	MW-0503-B1A (92-102)(111808)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	29.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-B1a	11/19/2008	MW-0503-B1A (85-95)(111908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	30.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	10/18/2005	MW-0503-1L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	3/24/2006	MW-0503-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	6/25/2009	MW-0503-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0503-S1	10/31/2012	MW-0503-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	4/2/2013	MW-0503-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	2.8 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	10/16/2013	MW-0503-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	5/13/2014	MW-0503-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	66.9 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	9/25/2014	MW-0503-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	118	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	3/31/2015	MW-0503-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.63 J	< 2.0 U
MW-0503-S1	9/30/2015	MW-0503-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	3/30/2016	MW-0503-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	9/27/2016	MW-0503-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	217 J	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	3/24/2017	MW-0503-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S1	9/27/2017	MW-0503-S1 (0-2717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0503-S2	10/18/2005	MW-0503-2L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	5.6	9.9	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0503-S2	3/24/2006	MW-0503-S2 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	7.8	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	1.3 J	< 2.0 U
MW-0503-S2	6/24/2009	MW-0503-S2 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	8.4	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0504-I2	10/18/2005	MW-0504-2L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	15	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	17	< 2.0 U
MW-0504-I2	3/27/2006	MW-0504-I2 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	26	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	6.0	< 2.0 U
MW-0504-S1	10/18/2005	MW-0504-1L (101805)	Low-Flow	< 5.0 U	13	5.8	< 50.0 U	< 5.0 U	< 5.0 U	660	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	62	1,500	16
MW-0504-S1	3/27/2006	MW-0504-S1 (032706)	Low-Flow	< 5.0 U	15	4.2 J	< 50.0 U	< 5.0 U	< 5.0 U	1,200	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	90	1,400	23
MW-0504-S1	11/20/2006	MW-0504-S1 (112006)	Direct Fill	< 5.0 U	10	4.0 J	< 50.0 U	< 5.0 U	< 5.0 U	700	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	91	1,400	17
MW-0504-S1	10/31/2012	MW-0504-S1(103112)PDB	PDB	< 5.0 U	7.6	4.7 J	< 100 U	< 5.0 U	< 5.0 U	1,030 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	132	3,040 D	20.9
MW-0504-S1	4/2/2013	MW-0504-S1 (040213) PDB	PDB	< 5.0 U	9.9	6.4	< 100 U	1.1 J	< 5.0 U	1,120 EJ	< 100 U	6.5	< 5.0 U	< 5.0 U	188 EJ	3,370 EJ	25.2
MW-0504-S1	10/16/2013	MW-0504-S1(101613)	PDB	< 5.0 U	10.4	6.3	< 100 U	< 5.0 U	< 5.0 U	1,020 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	175	3,240 D	22.9
MW-0504-S1	5/13/2014	MW-0504-S1 (051314)	PDB	< 5.0 U	7.8	6.4	57.3 UB	< 5.0 U	< 5.0 U	826 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	154	2,740 D	24.4
MW-0504-S1	9/25/2014	MW-0504-S1(092514)PDB	PDB	< 5.0 U	4.8 J	3.2 J	< 100 U	< 5.0 U	< 5.0 U	749 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	109	2,540 D	14.7
MW-0504-S1	3/31/2015	MW-0504-S1(033115)-PDB	PDB	< 5.0 U	8.9	5.2	< 100 U	< 5.0 UB	< 5.0 U	909 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	183	3,010 D	24.1
MW-0504-S1	9/30/2015	MW-0504-S1(093015)PDB	PDB	< 5.0 U	9.5	5.9	< 100 UB	0.91 J	< 5.0 U	923 D	0.52 J	< 5.0 U	< 5.0 U	0.13 J	179	3,000 D	19.4
MW-0504-S1	3/9/2016	MW-0504-S1(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	571	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	92.2	1,820 D	8.9 J
MW-0504-S1	9/27/2016	MW-0504-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	661	< 1,000 U	< 111 UB	< 50.0 U	< 50.0 U	105	2,620	< 20.0 U
MW-0504-S1	3/24/2017	MW-0504-S1(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	839	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	124	2,640 D	19.7
MW-0504-S1	9/27/2017	MW-0504-S1 (092717)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	714	< 500 UJ	< 25.0 U	< 25.0 U	< 25.0 U	108	2,520	13.3 J
MW-0504-S2	3/27/2006	MW-0504-S2 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	49	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	1.2 J	< 5.0 U	1.5 J	< 2.0 U
MW-0504-S2	11/7/2006	MW-0504-S2 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	300	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	20	100	< 2.0 U
MW-0505-B1	11/13/2006	MW-0505-B1 (111306)	Direct push	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-B1	11/13/2008	MW-0505-B1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-B1	5/5/2010	MW-0505-B1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0505-B1	10/28/2010	MW-0505-B1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-B1	5/13/2011	MW-0505-B1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	1.6	0.59 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0505-B1	10/18/2011	MW-0505-B1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S1	10/19/2005	FD-3 (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	24	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	29	< 2.0 U
MW-0505-S1	10/19/2005	MW-0505-1L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	25	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	31	< 2.0 U
MW-0505-S1	3/23/2006	MW-0505-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	19	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	6.0	< 2.0 U
MW-0505-S1	6/24/2009	MW-0505-S1 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	7.9	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0505-S1	10/31/2012	MW-0505-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	5.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.7 J	< 2.0 U
MW-0505-S1	9/25/2014	MW-0505-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	6.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S1	3/31/2015	MW-0505-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	8.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.75 J	< 2.0 U
MW-0505-S1	9/30/2015	MW-0505-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	8.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.33 J	< 2.0 U
MW-0505-S1	3/30/2016	MW-0505-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	6.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S1	9/27/2016	MW-0505-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	5.1	< 100 U	< 7.7 UB	< 5.0 U	< 5.0 U	< 5.0 U	7.6	< 2.0 U
MW-0505-S1	3/24/2017	MW-0505-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S1	9/27/2017	MW-0505-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0505-S2	10/19/2005	MW-0505-2L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S2	3/23/2006	MW-0505-S2 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0505-S2	6/24/2009	MW-0505-S2 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0506-I2	10/19/2005	MW-0506-2L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	11	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-I2	3/27/2006	MW-0506-I2 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	3.6 J	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	4.3 J	< 2.0 U
MW-0506-S1	10/19/2005	MW-0506-1L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	1/3/2006	MW-0506-1L (01/03/06)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	3/27/2006	FD-1 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	1.6 J	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	3/27/2006	MW-0506-S1 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	6/24/2009	MW-0506-S1 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	13.9	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	7.2	< 2 U
MW-0506-S1	10/31/2012	FD-1(103112)PDB-JG	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	4.6 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	10/31/2012	FD-3(103112)LF-WK	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	646 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	72.8	453 D	< 2.0 U
MW-0506-S1	10/31/2012	MW-0506-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	5.4	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	4/2/2013	MW-0506-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	13.3 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	36.3 J	< 2.0 U
MW-0506-S1	10/16/2013	MW-0506-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	3.4 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	5/13/2014	MW-0506-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	56.7 UB	< 5.0 U	< 5.0 U	3.2 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	9/25/2014	MW-0506-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	2.7 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	3/31/2015	MW-0506-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	2.5 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.37 J	< 2.0 U
MW-0506-S1	9/30/2015	MW-0506-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	1.2 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	3/30/2016	MW-0506-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	9/27/2016	MW-0506-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 7.1 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	3/24/2017	MW-0506-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0506-S1	9/27/2017	MW-0506-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0506-S2	10/19/2005	MW-0506-3L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	470	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	44	630	< 2.0 U
MW-0506-S2	1/3/2006	MW-0506-2L (01/03/06)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	540	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	48	650	< 2.0 U
MW-0506-S2	3/27/2006	MW-0506-S2 (032706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	620	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	50	670	< 2.0 U
MW-0506-S2	6/24/2009	MW-0506-S2 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	634	< 100 U	< 5 U	< 5 U	< 5 U	80.5	445	3.1
MW-0506-S2	4/19/2012	MW-0506-S2 (041912)-LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	565 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	68.5	585 D	< 2.0 U
MW-0506-S2	4/19/2012	MW-0506-S2 (041912)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	520 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	67.1	583 D	< 2.0 U
MW-0506-S2	10/31/2012	MW-0506-S2(103112)LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	635 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	69.7	433 D	< 2.0 U
MW-0506-S2	10/31/2012	MW-0506-S2(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	636 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	34.7	233	< 2.0 U
MW-0507-S1	10/19/2005	MW-0507-1L (101905)	Low-Flow	9.0	39	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	83	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	16	< 2.0 U
MW-0507-S1	3/27/2006	MW-0507-S1 (032706)	Low-Flow	21	190	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	310	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	6.0	52	< 2.0 U
MW-0507-S1	10/31/2012	MW-0507-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4.7 J	< 2.0 U
MW-0507-S1	4/2/2013	MW-0507-S1 (040213) PDB	PDB	4.1 J	8.3	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	27.6	< 100 U	4.2 J	< 5.0 U	< 5.0 U	< 5.0 U	10.1 J	< 2.0 U
MW-0507-S1	10/16/2013	MW-0507-S1(101613)	PDB	4.5 J	6.6	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	19.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.9 J	< 2.0 U
MW-0507-S1	5/13/2014	MW-0507-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	3.2 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0507-S1	9/25/2014	MW-0507-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.8 J	< 2.0 U
MW-0507-S1	3/31/2015	MW-0507-S1(033115)-PDB	PDB	6.8	15.3	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	60.0	< 100 U	< 5.0 U	1.4 J	< 5.0 U	1.1 J	5.6	< 2.0 U
MW-0507-S1	9/30/2015	MW-0507-S1(093015)PDB	PDB	17.7	27.7	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	83.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	1.8 J	3.7 J	< 2.0 U
MW-0507-S1	3/30/2016	MW-0507-S1(033016)PDB	PDB	14.7	24.4	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	75.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.1	< 2.0 U
MW-0507-S1	9/27/2016	MW-0507-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	9.9	< 100 U	< 5.9 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0507-S1	3/24/2017	MW-0507-S1(032417)PDB	PDB	13.2	28.7	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	81.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0507-S1	9/27/2017	MW-0507-S1 (0-2717)	PDB	9.6	21.1	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	53.9	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-I2	10/19/2005	FD-1 (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-I2	10/19/2005	MW-0509-2L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-I2	3/23/2006	MW-0509-I2 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	10/19/2005	MW-0509-1L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	3/23/2006	MW-0509-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	6/24/2009	MW-0509-S1 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0509-S1	10/31/2012	MW-0509-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	4/2/2013	MW-0509-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.1 J	< 2.0 U
MW-0509-S1	10/16/2013	MW-0509-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	5/13/2014	MW-0509-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	9/25/2014	MW-0509-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	87.4 J	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	3.1 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	3/31/2015	MW-0509-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.56 J	< 2.0 U
MW-0509-S1	9/30/2015	MW-0509-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.53 J	< 2.0 U
MW-0509-S1	3/30/2016	MW-0509-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	9/27/2016	MW-0509-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 6.1 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	3/24/2017	MW-0509-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0509-S1	9/27/2017	MW-0509-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	10/19/2005	MW-0516-2L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/23/2006	MW-0516-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	6/25/2009	MW-0516-S1 (062509)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	6/25/2009	MW-0516-S1 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	5/5/2010	MW-0516-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	5/6/2010	MW-0516-S1 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	10/28/2010	MW-0516-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	5/13/2011	MW-0516-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.65 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0516-S1	10/18/2011	MW-0516-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	10/31/2012	MW-0516-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	4/2/2013	MW-0516-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	10/16/2013	MW-0516-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	5/13/2014	MW-0516-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/25/2014	MW-0516-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/31/2015	MW-0516-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	0.56 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.26 J	< 2.0 U
MW-0516-S1	9/30/2015	MW-0516-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/30/2016	FD-1(033016)-LM	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/30/2016	MW-0516-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/27/2016	MW-0516-S1(091716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/24/2017	MW-0516-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/27/2017	MW-0516-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S2	10/20/2005	MW-0516-3L (102005)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S2	3/23/2006	MW-0516-S2 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S2	6/25/2009	MW-0516-S2 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

ARCADIS Design & Consultancy for natural and built assets

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0517-I2	10/18/2005	MW-0517-2L (101805)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	7.4	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0517-I2	3/22/2006	MW-0517-I2 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0517-S1	10/18/2005	MW-0517-1L (101805)	Low-Flow	< 5.0 UJ	8.4 J	< 5.0 UJ	< 50.0 UJ	< 5.0 UJ	< 5.0 UJ	370 J	< 5.0 UJ	< 5.0 UJ	< 5.0 UJ	< 5.0 UJ	42 J	690 J	15 J
MW-0517-S1	3/22/2006	MW-0517-S1 (032206)	Low-Flow	< 5.0 U	10	2.7 J	< 50.0 U	1.7 J	< 5.0 U	900	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	65	1,800	30
MW-0517-S1	10/31/2012	MW-0517-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	37.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	18.8	103	< 2.0 U
MW-0517-S1	4/2/2013	FD-1 (040213) JG	PDB	< 5.0 U	6.1	2.8 J	< 100 U	1.7 J	< 5.0 U	593 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	77.4	6,440 D	1.6 J
MW-0517-S1	4/2/2013	MW-0517-S1 (040213) PDB	PDB	< 5.0 U	6.1	3.0 J	< 100 U	1.8 J	< 5.0 U	572 EJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	80.4	6,270 EJ	1.9 J
MW-0517-S1	10/16/2013	FD-1(101613)-WK	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	322 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	68.7	2,570 D	3.1
MW-0517-S1	10/16/2013	MW-0517-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	270 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	65.1	2,010 D	3.0
MW-0517-S1	5/13/2014	FD-1(051314)	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	505	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	58.6	4,240 D	< 20.0 U
MW-0517-S1	5/13/2014	MW-0517-S1(051314)	PDB	< 5.0 U	4.3 J	< 5.0 U	< 100 UB	1.1 J	< 5.0 U	582 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	84.5	2,830 D	2.7
MW-0517-S1	9/25/2014	MW-0517-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	303 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	62.3	2,200 D	2.4
MW-0517-S1	3/31/2015	FD-1(033115)-AO-PDB	PDB	< 25.0 U	2.0 J	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	478	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	67.7	2,550 D	3.9 J
MW-0517-S1	3/31/2015	MW-0517-S1(033115)-PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 UB	< 25.0 U	512	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	70.9	2,940 D	4.7 J
MW-0517-S1	9/30/2015	FD-1(093015)-CK	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	80.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	44.5	312 D	< 2.0 U
MW-0517-S1	9/30/2015	MW-0517-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	78.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	44.8	346 D	< 2.0 U
MW-0517-S1	3/9/2016	FD-01(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	601	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	72.0	3,720 D	< 10.0 U
MW-0517-S1	3/9/2016	MW-0517-S1(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	600	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	74.3	3,570 D	< 10.0 U
MW-0517-S1	9/27/2016	FD-1(092716)RW	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	145	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	40.6	809 D	< 2.0 U
MW-0517-S1	9/27/2016	MW-0517-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	145	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	42.0	760 D	< 2.0 U
MW-0517-S1	3/24/2017	FD-1(032417)-LF	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,000	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	94.5	5,220 D	< 10.0 U
MW-0517-S1	3/24/2017	MW-0517-S1(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	1,030	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	92.2	4,740 D	< 10.0 U
MW-0517-S1	9/27/2017	FD-1 (092717)		< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	44.9	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	25.2	127	< 2.0 U
MW-0517-S1	9/27/2017	MW-0517-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	43.3	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	25.1	130	< 2.0 U
MW-0602-B1	3/24/2006	MW-0602-B1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	300	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	24	< 5.0 U	< 2.0 U
MW-0602-B1	11/7/2006	MW-0602-B1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	300	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	29	< 5.0 U	1.6 J
MW-0602-B1	6/26/2009	MW-0602-B1 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	13.1	83.7	< 100 U	< 5 U	< 5 U	< 5 U	6.9	< 5 U	< 2 U
MW-0602-S1	3/24/2006	MW-0602-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	11/7/2006	MW-0602-S1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	10/31/2012	MW-0602-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	10/16/2013	MW-0602-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	5/13/2014	MW-0602-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/25/2014	MW-0602-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	3/30/2016	MW-0602-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/27/2016	MW-0602-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 7.6 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	3/24/2017	MW-0602-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/27/2017	MW-0602-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-B1	3/24/2006	MW-0603-B1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	730	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	44	20	< 2.0 U
MW-0603-B1	11/8/2006	MW-0603-B1 (110806)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	620	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	39	< 5.0 U	2.0
MW-0603-B1	6/25/2009	MW-0603-B1 (062509)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	545	< 100 U	< 5 U	< 5 U	< 5 U	79.2	< 5 U	< 2 U
MW-0603-B1	6/25/2009	MW-0603-B1 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	557	< 100 U	< 5 U	< 5 U	< 5 U	77.4	< 5 U	3.6
MW-0603-S1	3/24/2006	MW-0603-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	11/8/2006	MW-0603-S1 (110806)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	6/25/2009	MW-0603-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S1	5/5/2010	MW-0603-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S1	10/28/2010	MW-0603-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	5/13/2011	MW-0603-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0603-S1	10/18/2011	MW-0603-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	10/31/2012	MW-0603-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	10/16/2013	MW-0603-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	5/13/2014	MW-0603-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/25/2014	MW-0603-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	3/31/2015	MW-0603-S1(033115)-AO-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.36 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/30/2015	MW-0603-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.27 J	< 2.0 U
MW-0603-S1	3/30/2016	MW-0603-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/27/2016	MW-0603-S1(091716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	3/24/2017	MW-0603-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/27/2017	MW-0603-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S2	3/24/2006	MW-0603-S2 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	270	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	8.6	< 5.0 U	< 2.0 U
MW-0603-S2	11/8/2006	MW-0603-S2 (110806)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	270	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	8.7	< 5.0 U	2.0
MW-0603-S2	6/25/2009	MW-0603-S2 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	293	< 100 U	< 5 U	< 5 U	< 5 U	11.5	< 5 U	< 2 U
MW-0603-S2	5/5/2010	FD-1 (050510)-TP	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	68.7	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S2	5/5/2010	MW-0603-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	65.7	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S2	5/6/2010	MW-0603-S2 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	291	< 100 U	< 5 U	< 5 U	< 5 U	10.6	< 5 U	< 2 U
MW-0603-S2	10/28/2010	MW-0603-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	74.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S2	5/13/2011	FD-(051311)-EG	PDB	< 1.7 U	< 1.7 U	< 1.7 U	< 27 UB	< 1.7 U	< 1.7 U	64	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	2.2	< 1.7 U	< 1.7 U
MW-0603-S2	5/13/2011	MW-0603-S2(051311)	PDB	< 1.7 U	< 1.7 U	< 1.7 U	< 25 UB	< 1.7 U	< 1.7 U	69	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	2.2	< 1.7 U	0.79 J
MW-0603-S2	10/18/2011	FD-1(101811)-EG	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	60.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S2	10/18/2011	MW-0603-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	61.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0604-S1	3/22/2006	MW-0604-S1 (032206)	Low-Flow	< 5.0 U	11	7.9	< 50.0 U	< 5.0 U	< 5.0 U	1,400	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	120	4,900	43
MW-0604-S1	11/8/2006	MW-0604-S1 (110806)	Low-Flow	< 5.0 U	6.5	5.4	< 50.0 U	< 5.0 U	< 5.0 U	600	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	76	2,700	31
MW-0604-S1	10/31/2012	MW-0604(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	7.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	59.5	< 2.0 U
MW-0604-S1	4/2/2013	MW-0604-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	2.8 J	60.2 J	< 5.0 U	< 5.0 U	698 EJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	76.4 J	2,720 EJ	36.2 J
MW-0604-S1	10/16/2013	MW-0604-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	368 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	43.1	1,100 D	19.4
MW-0604-S1	5/13/2014	MW-0604-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	62.5 UB	< 5.0 U	< 5.0 U	271	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	27.2	747 D	16.2
MW-0604-S1	9/25/2014	FD-1(092514)-AO	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	489 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	39.7	1,480 D	20.3
MW-0604-S1	9/25/2014	MW-0604-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	414 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	51.5	1,410 D	24.8
MW-0604-S1	3/31/2015	MW-0604-S1(033115)-PDB	PDB	< 5.0 U	2.6 J	3.5 J	< 100 U	< 5.0 UB	< 5.0 U	878 D	0.65 J	< 5.0 U	< 5.0 U	< 5.0 U	112	2,690 D	57.6
MW-0604-S1	9/30/2015	MW-0604-S1(093015)PDB	PDB	< 5.0 U	0.98 J	1.5 J	< 100 UB	< 5.0 U	< 5.0 U	353 D	0.37 J	< 5.0 U	< 5.0 U	< 5.0 U	52.7	1,240 D	12.5
MW-0604-S1	3/30/2016	MW-0604-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	1,030 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	97.2	3,340 D	37.7
MW-0604-S1	9/27/2016	MW-0604-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	344	< 100 U	< 5.1 UB	< 5.0 U	< 5.0 U	37.8	1,190 D	11.8

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0604-S1	3/24/2017	MW-0604-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	1,280 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	101	3,250 D	33.8
MW-0604-S1	9/27/2017	MW-0604-S1 (092717)	PDB	< 5.0 U	< 5.0 U	5.1	< 100 U	< 5.0 U	< 5.0 U	1,260	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	101	3,870	34.4 J
MW-0604-S2	3/22/2006	MW-0604-S2 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	39	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	20	100	< 2.0 U
MW-0604-S2	11/9/2006	MW-0604-S2 (110906)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	60	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	10	27	< 2.0 U
MW-0604-S2	6/24/2009	MW-0604-S2 (062409)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	94.6	< 100 U	< 5 U	< 5 U	< 5 U	8.9	< 5 U	< 2 U
MW-0605-B1	3/22/2006	MW-0605-B1 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	11	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0605-B1	11/9/2006	MW-0605-B1 (110906)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0605-S1	3/22/2006	MW-0605-S1 (032206)	Low-Flow	< 5.0 U	2.6 J	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	19	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	920	< 2.0 U
MW-0605-S1	11/9/2006	MW-0605-S1 (110906)	Low-Flow	< 5.0 U	3.2 J	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	26	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1,400	< 2.0 U
MW-0605-S1	10/31/2012	MW-0605(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	15.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1,480 D	< 2.0 U
MW-0605-S1	4/2/2013	MW-0605-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	16.9 J	< 100 U	2.6 J	< 5.0 U	< 5.0 U	< 5.0 U	1,180 EJ	< 2.0 U
MW-0605-S1	10/16/2013	MW-0605-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	17.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1,580 D	< 2.0 U
MW-0605-S1	5/13/2014	MW-0605-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	14.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2,630 D	< 2.0 U
MW-0605-S1	12/1/2014	MW-0605-S1(120114)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	99.2 J	< 5.0 U	< 5.0 U	12.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	629 D	< 2.0 U
MW-0605-S1	3/31/2015	MW-0605-S1(033115)-PDB	PDB	< 5.0 U	1.8 J	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	12.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	1.0 J	983 D	< 2.0 U
MW-0605-S1	9/30/2015	MW-0605-S1(093015)PDB	PDB	< 5.0 U	2.8 J	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	16.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	1.4 J	1,210 D	< 2.0 U
MW-0605-S1	3/30/2016	MW-0605-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	14.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	742 D	< 2.0 U
MW-0605-S1	9/27/2016	MW-0605-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 116 UB	< 50.0 U	< 50.0 U	< 50.0 U	1,100	< 20.0 U
MW-0605-S1	3/24/2017	MW-0605-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	12.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1,170 D	< 2.0 U
MW-0605-S1	9/27/2017	MW-0605-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	14.3	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	992	< 2.0 U
MW-0605-S2	3/22/2006	FD-1 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	50	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	7.4	27	< 2.0 U
MW-0605-S2	3/22/2006	MW-0605-S2 (032206)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	49	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	7.1	21	< 2.0 U
MW-0605-S2	11/9/2006	MW-0605-S2 (110906)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	100	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	7.8	< 5.0 U	< 2.0 U
MW-0606-S1	3/23/2006	MW-0606-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	230	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	42	970	< 2.0 U
MW-0606-S1	11/6/2006	MW-0606-S1 (110606)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	210	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	43	770	1.0 J
MW-0606-S1	10/31/2012	MW-0606-S1(103112)LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	288 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	76.5	2,410 D	< 2.0 U
MW-0606-S1	10/31/2012	MW-0606-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	281 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	78.8	2,380 D	1.2 J
MW-0606-S1	4/2/2013	MW-0606-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	394 EJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	105	4,490 EJ	2.0
MW-0606-S1	10/16/2013	MW-0606-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	314 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	92.8	2,650 D	1.3 J
MW-0606-S1	5/13/2014	MW-0606-S1(051314)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	365	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	75.9	3,280 D	< 10.0 U
MW-0606-S1	9/25/2014	MW-0606-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	448 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	81.0	2,580 DJ	1.2 J
MW-0606-S1	3/31/2015	MW-0606-S1(033115)-PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	428	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	94.6	3,030 D	< 20.0 U
MW-0606-S1	9/30/2015	MW-0606-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	0.42 J	< 100 UB	< 5.0 U	< 5.0 U	285	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	45.6	1,260 D	0.43 J
MW-0606-S1	3/9/2016	MW-0606-S1(030916)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	329 D	< 100 U	< 5.0 UJ	< 5.0 U	< 5.0 U	62.6	1,960 D	< 2.0 U
MW-0606-S1	9/27/2016	MW-0606-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	633	< 1,000 U	< 113 UB	< 50.0 U	< 50.0 U	58.0	1,130	< 20.0 U
MW-0606-S1	3/24/2017	MW-0606-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	441	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	97.8	2,820 D	< 2.0 U
MW-0606-S1	9/27/2017	MW-0606-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	250	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	51.0	1,470	< 2.0 U
MW-0606-S2	3/23/2006	MW-0606-S2 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	1.8 J	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	2.8 J	< 2.0 U
MW-0606-S2	11/6/2006	MW-0606-S2 (110606)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 7.2 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.3 J	< 2.0 U
MW-0606-S2	6/26/2009	MW-0606-S2 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	245	< 100 U	< 5 U	< 5 U	< 5 U	50.9	390	< 2 U
MW-0606-S2	4/19/2012	MW-0606-S2 (041912)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	194	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	47.5	729 D	< 2.0 U
MW-0606-S2	10/31/2012	MW-0606-S2(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	192	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	43.6	532 D	< 2.0 U
MW-0607-B1	11/12/2008	MW-0607-B1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-B1	6/25/2009	MW-0607-B1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-B1	5/5/2010	MW-0607-B1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-B1	10/28/2010	MW-0607-B1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-B1	5/13/2011	MW-0607-B1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 14 UB	< 1.0 U	< 1.0 U	3.2	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.44 J	< 1.0 U	< 1.0 U
MW-0607-B1	10/18/2011	MW-0607-B1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	3/24/2006	MW-0607-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	11/6/2006	MW-0607-S1 (110606)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	6/25/2009	MW-0607-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	5/5/2010	MW-0607-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	5/6/2010	MW-0607-S1 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	10/28/2010	MW-0607-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	5/13/2011	MW-0607-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.63 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0607-S1	10/18/2011	MW-0607-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	10/31/2012	MW-0607-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0607-S1	4/2/2013	MW-0607-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	2.9 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	36.9 J	< 2.0 U
MW-0607-S1	10/16/2013	MW-0607-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	5/13/2014	MW-0607-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	1.6 J	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/25/2014	MW-0607-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4.0 J	< 2.0 U
MW-0607-S1	3/31/2015	MW-0607-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.23 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/30/2015	MW-0607-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.24 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	3/30/2016	MW-0607-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/27/2016	MW-0607-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.2 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	3/24/2017	MW-0607-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/27/2017	MW-0607-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S2	3/7/2007	MW-0607-S2 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S2	11/12/2008	MW-0607-S2 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S2	5/5/2010	MW-0607-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	5.5	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S2	5/6/2010	MW-0607-S2 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S2	10/28/2010	MW-0607-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S2	5/13/2011	MW-0607-S2(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.80 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.66 J
MW-0607-S2	10/18/2011	MW-0607-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-B1	3/23/2006	MW-0608-B1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	8.4	150	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	87	2.3 J	< 2.0 U
MW-0608-B1	11/7/2006	MW-0608-B1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	180	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	150	< 5.0 U	1.3 J
MW-0608-B1	6/25/2009	MW-0608-B1 (062509)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	6.0	125	< 100 U	< 5 U	< 5 U	< 5 U	123	< 5 U	< 2 U
MW-0608-B1	6/25/2009	MW-0608-B1 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	169	< 100 U	< 5 U	< 5 U	< 5 U	188	6.6	3.2

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0608-S1	3/23/2006	MW-0608-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	2.9 J	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	2.0 J	< 2.0 U
MW-0608-S1	11/7/2006	MW-0608-S1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	35	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3.3 J	1.7 J	< 2.0 U
MW-0608-S1	6/26/2009	MW-0608-S1 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	24.5	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	4.9
MW-0608-S1	10/31/2012	MW-0608-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0608-S1	4/2/2013	MW-0608-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	30.9	< 100 U	2.5 J	< 5.0 U	< 5.0 U	< 5.0 U	5.2 J	1.7 J
MW-0608-S1	10/16/2013	MW-0608-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	5/13/2014	MW-0608-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	148	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	11.7	3.5 J	5.4
MW-0608-S1	9/25/2014	MW-0608-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.5 J	< 2.0 U
MW-0608-S1	3/31/2015	MW-0608-S1(033115)-PDB	PDB	< 5.0 U	1.4 J	0.33 J	< 100 UB	< 5.0 U	< 5.0 U	144	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	13.1	< 5.0 U	4.0
MW-0608-S1	9/30/2015	MW-0608-S1(093015)PDB	PDB	< 5.0 U	3.9 J	0.54 J	< 100 UB	< 5.0 U	< 5.0 U	243 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	35.3	< 5.0 U	5.8
MW-0608-S1	3/30/2016	MW-0608-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	97.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	9.3	< 5.0 U	2.6
MW-0608-S1	9/27/2016	MW-0608-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 7.3 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	3/24/2017	MW-0608-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	30.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	9/27/2017	MW-0608-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	427	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	44.0	< 5.0 U	5.1
MW-0608-S2	3/23/2006	MW-0608-S2 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	900	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	100	100	< 2.0 U
MW-0608-S2	11/7/2006	MW-0608-S2 (110706)	Low-Flow	< 5.0 U	< 5.0 UJ	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 UJ	630	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	88 J	63	< 2.0 U
MW-0608-S2	6/26/2009	FD-2-PS (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	635	< 100 U	< 5 U	< 5 U	< 5 U	109	12.4	2.5
MW-0608-S2	6/26/2009	MW-0608-S2 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	605	< 100 U	< 5 U	< 5 U	< 5 U	113	12.2	2.6
MW-0609-S1	3/23/2006	MW-0609-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	61	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	9.7	260	< 2.0 U
MW-0609-S1	11/9/2006	MW-0609-S1 (110906)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	55	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	9.0	220	< 2.0 U
MW-0609-S1	6/26/2009	FD-1-PS (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	225	< 100 U	< 5 U	< 5 U	< 5 U	25.4	69.4	3.7
MW-0609-S1	6/26/2009	MW-0609-S1 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	226	< 100 U	< 5 U	< 5 U	< 5 U	26.1	69.9	3.6
MW-0609-S1	10/31/2012	MW-0609-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	3.8 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S1	4/2/2013	MW-0609-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	18.9	< 100 U	2.9 J	< 5.0 U	< 5.0 U	< 5.0 U	8.2 J	< 2.0 U
MW-0609-S1	10/16/2013	MW-0609-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	489 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	40.1	5.9	7.8
MW-0609-S1	5/13/2014	MW-0609-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	198 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	16.2	40.1	5.4
MW-0609-S1	9/25/2014	MW-0609-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	26.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	2.7 J	< 5.0 U	6.2
MW-0609-S1	9/30/2015	MW-0609-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	347 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	53.1	248	3.2
MW-0609-S1	3/30/2016	MW-0609-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	18.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	7.9	< 2.0 U
MW-0609-S1	9/27/2016	MW-0609-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	496	< 100 U	< 7.9 UB	< 5.0 U	< 5.0 U	49.7	17.1	18.1
MW-0609-S1	3/24/2017	MW-0609-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	7.5	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S1	9/27/2017	MW-0609-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	147	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	8.1	< 5.0 U	15.0
MW-0609-S2	11/10/2006	MW-0609-S2 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	73	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	10	< 5.0 U	4.1
MW-0609-S2	11/12/2008	MW-0609-S2 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	22.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S2	5/5/2010	MW-0609-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	127	< 100 U	< 5 U	< 5 U	< 5 U	17.0	< 5 U	4.1
MW-0609-S2	5/6/2010	MW-0609-S2 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	102	< 100 U	< 5 U	< 5 U	< 5 U	13.0	< 5 U	3.5
MW-0609-S2	10/28/2010	MW-0609-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	20.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S2	5/13/2011	MW-0609-S2(051311)	PDB	< 4.0 U	< 4.0 U	< 4.0 U	< 40 U	< 4.0 U	< 4.0 U	130	< 4.0 U	< 4.0 UB	< 4.0 U	< 4.0 U	17	< 4.0 U	4.8
MW-0609-S2	10/18/2011	MW-0609-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	24.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S2	4/20/2012	MW-0609-S2_20120420	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	175	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	21.1	< 5.0 U	3.2
MW-0609-S2	10/31/2012	MW-0609-S2(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	21.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	11/10/2006	MW-0610-S1 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	40	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4.2 J	< 5.0 U	1.9 J
MW-0610-S1	11/12/2008	MW-0610-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	19.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/5/2010	MW-0610-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0610-S1	10/28/2010	MW-0610-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/13/2011	MW-0610-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.67 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0610-S1	10/18/2011	MW-0610-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	10/31/2012	MW-0610-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	10/16/2013	MW-0610-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/13/2014	MW-0610-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/25/2014	MW-0610-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.0 J	< 2.0 U
MW-0610-S1	3/31/2015	MW-0610-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.43 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/30/2015	MW-0610-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	2.1 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	3/30/2016	MW-0610-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/27/2016	MW-0610-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.4 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	3/24/2017	MW-0610-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/27/2017	MW-0610-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	11/13/2006	MW-0611-S1 (111306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	11/13/2008	MW-0611-S1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	4/29/2016	MW-0611-S1 (042916) (LOW FLOW)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0611-S1	3/24/2017	MW-0611-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	10/11/2017	MW-0611-S1 (101117) LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0612-S1	11/9/2006	MW-0612-S1 (110906)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	130	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	43	3,300	2.4
MW-0612-S1	3/7/2007	FD-1-MG (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	132	< 100 U	< 5.0 UJ	< 5.0 U	< 5.0 U	38.6	3,760	3.1
MW-0612-S1	3/7/2007	MW-0612-S1 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	161	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	38.9	3,950	< 2.0 U
MW-0612-S1	6/25/2009	MW-0612-S1 (062509)	Low-Flow	< 50 U	< 50 U	< 50 U	< 1,000 UJ	< 50 U	< 50 U	207	< 1,000 U	< 50 U	< 50 U	< 50 U	< 50 U	4,370	< 20 U
MW-0612-S1	4/19/2012	MW-0612-S1 (041912)-PDB	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	223	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	44.9	4,750 D	15.1
MW-0612-S1	10/31/2012	FD-2(103112)PDB-WK	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	850 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	141	675 D	< 2.0 U
MW-0612-S1	10/31/2012	MW-0612-S1(103112)LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	185	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	45.8	2,490 D	11.8
MW-0612-S1	10/31/2012	MW-0612-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	275	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	48.5	5,440 D	24.5
MW-0612-S1	4/2/2013	MW-0612-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	191	< 100 U	3.5 J	< 5.0 U	< 5.0 U	41.0	3,720 EJ	9.3
MW-0612-S1	10/16/2013	MW-0612-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	242	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	49.1	3,220 D	12.4
MW-0612-S1	5/13/2014	MW-0612-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	248 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	46.2	3,400 D	13.2
MW-0612-S1	9/25/2014	MW-0612-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	251	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	43.2	3,190 DJ	13.7
MW-0612-S1	3/31/2015	MW-0612-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	0.65 J	< 100 UB	< 5.0 U	< 5.0 U	292	0.32 J	< 5.0 U	< 5.0 U	< 5.0 U	49.6	3,870 D	11.6
MW-0612-S1	9/30/2015	MW-0612-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	0.43 J	< 100 UB	< 5.0 U	< 5.0 U	268 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	62.5	4,420 D	7.6
MW-0612-S1	3/9/2016	MW-0612-S1(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	193	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	47.2	2,380 D	< 10.0 U
MW-0612-S1	9/27/2016	MW-0612-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	249	< 1,000 U	< 112 UB	< 50.0 U	< 50.0 U	< 50.0 U	4,630 D	< 20.0 U
MW-0612-S1	3/24/2017	MW-0612-S1(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	254	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	49.4	3,960 D	< 10.0 U
MW-0612-S1	9/27/2017	MW-0612-S1 (092717)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 UJ	< 25.0 U	< 25.0 U	100	< 500 UJ	< 25.0 U	< 25.0 U	< 25.0 U	< 25.0 U	674	< 10.0 U
MW-0612-S2	11/10/2006	MW-0612-S2 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	360	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	130	1,400	< 2.0 U
MW-0612-S2	3/7/2007	MW-0612-S2 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	827	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	160	1,320	< 2.0 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0612-S2	6/25/2009	MW-0612-S2 (062509)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	1,440	< 100 U	< 5 U	< 5 U	< 5 U	199	353	< 2 U
MW-0612-S2	6/25/2009	MW-0612-S2 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	1,360	< 100 U	< 5 U	< 5 U	< 5 U	183	268	< 2 U
MW-0612-S2	4/19/2012	MW-0612-S2 (041912)-LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	663 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	148	747 D	< 2.0 U
MW-0612-S2	4/19/2012	MW-0612-S2 (041912)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	678 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	140	625 D	< 2.0 U
MW-0612-S2	10/31/2012	MW-0612-S2(103112)LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	871 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	150	857 D	< 2.0 U
MW-0612-S2	10/31/2012	MW-0612-S2(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	868 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	127	647 D	< 2.0 U
MW-0613-S1	11/10/2006	MW-0613-S1 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	11/12/2008	MW-0613-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/5/2010	MW-0613-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0613-S1	10/28/2010	MW-0613-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/13/2011	MW-0613-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.65 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0613-S1	10/18/2011	MW-0613-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	10/31/2012	MW-0613-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.2 UB	< 2.0 U
MW-0613-S1	4/2/2013	MW-0613-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	24.0 J	< 2.0 U
MW-0613-S1	10/16/2013	MW-0613-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/13/2014	MW-0613-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/25/2014	MW-0613-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.9 J	< 2.0 U
MW-0613-S1	3/31/2015	MW-0613-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/30/2015	MW-0613-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.55 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	3/30/2016	MW-0613-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/27/2016	MW-0613-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.4 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	3/24/2017	MW-0613-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/27/2017	MW-0613-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-B1	11/16/2006	MW-0614-B1 (111606)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	3.9 J	3.1 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-B1	11/12/2008	MW-0614-B1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	17.5	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-S2	11/16/2006	MW-0614-S2 (111606)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	2.6 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-S2	11/12/2008	MW-0614-S2 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-S2	5/5/2010	MW-0614-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0614-S2	10/28/2010	MW-0614-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0614-S2	5/13/2011	MW-0614-S2(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	1.6	0.63 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0614-S2	10/18/2011	MW-0614-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1	11/20/2006	FD-2-MG (112006)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1	11/20/2006	MW-0615-B1 (112006)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	1.6 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.8 J	< 2.0 U
MW-0615-B1	11/14/2008	MW-0615-B1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1	5/5/2010	MW-0615-B1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0615-B1	10/28/2010	MW-0615-B1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1	5/13/2011	MW-0615-B1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	1.8	0.16 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0615-B1	10/18/2011	MW-0615-B1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1a	11/13/2008	FD-1-MG (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	5.1	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1a	11/13/2008	MW-0615-B1A (103-113)(111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	5.4	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1a	11/13/2008	MW-0615-B1A (137-145.2)(111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1a	11/13/2008	MW-0615-B1A (93-103)(111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	5.2	< 5.0 U	< 5.0 U	< 2.0 U
MW-0615-B1a	11/14/2008	MW-0615-B1A (80-90)(111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	10.0	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1	11/27/2006	MW-0616-B1 (112706)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	14	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1	11/13/2008	MW-0616-B1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	10.8	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1a	11/19/2008	MW-0616-B1A (117-127)(111908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1a	11/19/2008	MW-0616-B1A (127-137)(111908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	13.7	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1a	11/19/2008	MW-0616-B1A (137-145.6)(111908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-B1a	11/20/2008	MW-0616-B1A (107-117)(112008)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	7.7	< 5.0 U	< 5.0 U	< 2.0 U
MW-0616-S1	11/13/2006	MW-0616-S1 (111306)	Low-Flow	< 5.0 U	< 5.0 U	2.1 J	< 50.0 U	< 5.0 U	< 5.0 U	880	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	54	5.7	3.7
MW-0616-S1	11/14/2008	MW-0616-S1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	226	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	18.6	< 5.0 U	10.3
MW-0616-S1	10/31/2012	MW-0616(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	111	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	3.3 J	< 5.0 U	11.1
MW-0617-B1	3/7/2007	MW-0617-B1 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	105	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	15.7	< 5.0 U	< 2.0 U
MW-0617-B1	11/12/2008	MW-0617-B1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	122	< 100 U	< 5.0 U	289	< 5.0 U	25.8	301	< 2.0 U
MW-0617-B1	12/29/2008	MW-0617-B1 (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	162	< 100 U	< 5.0 U	561	< 5.0 U	35.8	405	< 2.0 U
MW-0617-S1	3/7/2007	MW-0617-S1 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 UJ	48.1	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	11/12/2008	MW-0617-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	18.3	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	12/29/2008	MW-0617-S1 (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	10/31/2012	MW-0617-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	10/16/2013	MW-0617-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	5/13/2014	MW-0617-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	56.5 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/25/2014	MW-0617-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/31/2015	MW-0617-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.29 J	< 2.0 U
MW-0617-S1	9/30/2015	MW-0617-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/30/2016	MW-0617-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/27/2016	MW-0617-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 6.3 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/24/2017	MW-0617-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/27/2017	MW-0617-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0617-S2	3/7/2007	MW-0617-S2 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	518	< 100 U	< 5.0 U	9.0	< 5.0 U	74.5	386	< 2.0 U
MW-0617-S2	11/14/2008	MW-0617-S2 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	342	< 100 U	< 5.0 U	5.8	< 5.0 U	34.4	209	< 2.0 U
MW-0617-S2	12/29/2008	FD-1-MAH (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	668	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	60.2	221	< 2.0 U
MW-0617-S2	12/29/2008	MW-0617-S2 (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	586	< 100 U	< 5.0 U	8.4	< 5.0 U	62.4	227	< 2.0 U
MW-0618-S1	11/13/2006	MW-0618-S1 (111306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	11/12/2008	MW-0618-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	10/31/2012	MW-0618-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0618-S1	4/2/2013	MW-0618-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.2 J	< 2.0 U
MW-0618-S1	10/16/2013	MW-0618-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0618-S1	5/13/2014	MW-0618-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	3/31/2015	MW-0618-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.49 J	< 5.0 U	< 5.0 U	< 5.0 U	0.29 J	< 5.0 U	< 2.0 U
MW-0618-S1	9/30/2015	MW-0618-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	0.91 J	0.36 J	< 5.0 U	< 5.0 U	< 5.0 U	0.74 J	0.28 J	< 2.0 U
MW-0618-S1	3/30/2016	MW-0618-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	9/27/2016	MW-0618-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 6.1 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	3/24/2017	MW-0618-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	9/27/2017	MW-0618-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0619-S1	11/20/2006	MW-0619-S1 (112006)	Direct Fill	< 5.0 U	< 5.0 U	1.8 J	< 50.0 U	< 5.0 U	< 5.0 U	390	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	26	1,900	1.8 J
MW-0619-S1	11/14/2008	FD-2-TK (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	347	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	31.8	3,140	5.0
MW-0619-S1	11/14/2008	MW-0619-S1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	345	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	33.8	3,200	4.9
MW-0619-S1	10/31/2012	MW-0619-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	143	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	6.7	963 D	< 2.0 U
MW-0619-S1	4/2/2013	MW-0619-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	18.4 J	< 100 U	4.0 J	< 5.0 U	< 5.0 U	< 5.0 U	4.7 J	< 2.0 U
MW-0619-S1	10/16/2013	MW-0619-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	165	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	8.4	929 D	< 2.0 U
MW-0619-S1	5/13/2014	MW-0619-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	54.4 UB	< 5.0 U	< 5.0 U	19.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.3 J	< 2.0 U
MW-0619-S1	9/25/2014	MW-0619-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	17.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	20.1	< 2.0 U
MW-0619-S1	3/31/2015	MW-0619-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	25.1	0.38 J	< 5.0 U	< 5.0 U	< 5.0 U	0.94 J	3.0 J	1.8 J
MW-0619-S1	9/30/2015	MW-0619-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	0.89 J	< 100 UB	< 5.0 U	< 5.0 U	195	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	13.0	1,310 D	1.5 J
MW-0619-S1	3/30/2016	MW-0619-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	23.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0619-S1	9/27/2016	MW-0619-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	50.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	202	< 2.0 U
MW-0619-S1	3/24/2017	MW-0619-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	20.5	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0619-S1	9/27/2017	MW-0619-S1 (092717)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	114	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	8.0	818	< 2.0 U
MW-0620-S1	11/21/2006	MW-0620-S1 (112106)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	110	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	11	5,900	< 2.0 U
MW-0620-S1	11/14/2008	MW-0620-S1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	75.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	10.4	5,940	< 2.0 U
MW-0620-S1	4/19/2012	MW-0620-S1 (041912)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	7.1	86.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4,830 D	< 2.0 U
MW-0620-S1	10/31/2012	MW-0620-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	4.1 J	213	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	10	5,660 D	< 2.0 U
MW-0620-S1	4/2/2013	MW-0620-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	12.3 J	17.8 J	< 100 U	3.1 J	< 5.0 U	< 5.0 U	< 5.0 U	12,400 EJ	< 2.0 U
MW-0620-S1	10/16/2013	MW-0620-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	1,820 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	5.0	1,780 D	< 2.0 U
MW-0620-S1	12/16/2013	MW-0620-S1(121613)		< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	1,930	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	17.8	2,520	< 2.0 U
MW-0620-S1	1/30/2014	MW-0620-S1(013014)		< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	9.2	39.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	10,200	< 2.0 U
MW-0620-S1	5/13/2014	MW-0620-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	7.7	167 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5,770 D	< 2.0 U
MW-0620-S1	9/25/2014	MW-0620-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	6.4	9.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4,830 D	< 2.0 U
MW-0620-S1	3/31/2015	MW-0620-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	6.3	19.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3,000 D	1.1 J
MW-0620-S1	9/30/2015	MW-0620-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	2.3 J	< 100 UB	< 5.0 U	1.5 J	1,100 D	0.35 J	< 5.0 U	< 5.0 U	< 5.0 U	11.3	1,150 D	6.4
MW-0620-S1	3/30/2016	FD-2(033016)-LM	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	5.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4,410 D	< 2.0 U
MW-0620-S1	3/30/2016	MW-0620-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	6.0	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4,690 D	< 2.0 U
MW-0620-S1	9/27/2016	MW-0620-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	1,150	< 1,000 U	< 133 UB	< 50.0 U	< 50.0 U	< 50.0 U	1,680	< 20.0 U
MW-0620-S1	3/24/2017	MW-0620-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	6.4	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3,360 D	< 2.0 U
MW-0620-S1	9/27/2017	MW-0620-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	369	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	823	< 2.0 U
MW-0621-S1	11/20/2006	FD-3-MG (112006)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	82	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	20	3,500 J	< 2.0 U
MW-0621-S1	11/20/2006	MW-0621-S1 (112006)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U	80	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	19	6,400	< 2.0 U
MW-0621-S1	11/14/2008	MW-0621-S1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	119	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	19.4	3,110	< 2.0 U
MW-0621-S1	10/31/2012	MW-0621-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	72.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	25.6	1,790 D	< 2.0 U
MW-0621-S1	4/2/2013	MW-0621-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	70.0 J	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	24.8 J	1,640 EJ	< 2.0 U
MW-0621-S1	10/16/2013	MW-0621-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	109	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	30.6	3,220 D	< 2.0 U
MW-0621-S1	5/13/2014	MW-0621-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	55.5 UB	< 5.0 U	< 5.0 U	71.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	28.5	1,070 D	< 2.0 U
MW-0621-S1	9/25/2014	MW-0621-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	118	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	36.1	3,300 DJ	2.0 J
MW-0621-S1	3/31/2015	FD-2(033115)-AO-PDB	PDB	< 125 U	< 125 U	< 125 U	< 2,500 U	< 125 U	< 125 U	1,840	< 2,500 U	< 125 U	< 125 U	< 125 U	42.3 J	16,300 D	< 50.0 U
MW-0621-S1	3/31/2015	MW-0621-S1(033115)-PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	80.4	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	27.6	2,110 D	< 10.0 U
MW-0621-S1	9/30/2015	MW-0621-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	95.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	32.1	2,760 D	1.4 J
MW-0621-S1	3/9/2016	MW-0621-S1(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	124	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	38.1	3,030 D	< 10.0 U
MW-0621-S1	9/27/2016	MW-0621-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	174	< 1,000 U	< 111 UB	< 50.0 U	< 50.0 U	< 50.0 U	4,000 D	< 20.0 U
MW-0621-S1	3/24/2017	MW-0621-S1(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	104	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	33.3	1,280	< 10.0 U
MW-0621-S1	9/27/2017	MW-0621-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	220	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	29.5	2,010	< 2.0 UJ
MW-0622-S1	11/21/2006	MW-0622-S1 (112106)	Direct Fill	< 5.0 U	4.0 J	3.9 J	< 50.0 U	< 5.0 U	< 5.0 U	520	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	18	6,000	2.1
MW-0622-S1	11/14/2008	MW-0622-S1 (111408)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	248	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	7.9	2,510	< 2.0 U
MW-0622-S1	10/31/2012	MW-0622-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	11.5	< 100 U	< 5.0 U	< 5.0 U	2,100 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	40.1	20,800 D	3.3
MW-0622-S1	4/2/2013	FD-2 (040213) JG	PDB	< 5.0 U	< 5.0 U	8.9	< 100 U	< 5.0 U	< 5.0 U	2,330 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	84.8	26,800 D	3.2
MW-0622-S1	4/2/2013	MW-0622-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	13.7 J	< 100 U	< 5.0 U	< 5.0 U	2,670 EJ	< 100 U	6.5 J	< 5.0 U	< 5.0 U	83.3 J	20,100 EJ	4.6 J
MW-0622-S1	10/16/2013	FD-2(101613)-WK	PDB	< 5.0 U	2.8 J	5.9	< 100 U	< 5.0 U	< 5.0 U	1,800 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	30.5 J	15,700 D	< 2.0 U
MW-0622-S1	10/16/2013	MW-0622-S1(101613)	PDB	< 100 U	< 100 U	< 100 U	< 2,000 U	< 100 U	< 100 U	1,700	< 2,000 U	< 100 U	< 100 U	< 100 U	79.9 J	18,800 D	< 40.0 U
MW-0622-S1	5/13/2014	FD-2(051314)	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	2,660	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	28.8 J	22,700 D	< 20.0 U
MW-0622-S1	5/13/2014	MW-0622-S1(051314)	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	2,650	< 1,000 U	< 50.0 U	< 50.0 U	< 50.0 U	29.8 J	18,400 D	< 20.0 U
MW-0622-S1	9/25/2014	FD-2(092514)-AO	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 UJ	< 25.0 U	1,660 DJ	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	29.0	10,400 DJ	< 10.0 U
MW-0622-S1	9/25/2014	MW-0622-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	7.3	54.0 J	< 5.0 U	< 5.0 U	1,960 DJ	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	27.1	16,000 D	1.9 J
MW-0622-S1	3/31/2015	MW-0622-S1(033115)-PDB	PDB	< 100 U	< 100 U	< 100 U	< 2,000 U	< 100 U	< 100 U	1,790	< 2,000 U	< 100 U	< 100 U	< 100 U	35.8 J	21,800 D	< 40.0 U
MW-0622-S1	9/30/2015	FD-2(093015)-CK	PDB	< 5.0 U	3.4 J	7.2	< 100 UB	< 5.0 U	< 5.0 U	1,550 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	33.4	11,900 D	1.8 J
MW-0622-S1	9/30/2015	MW-0622-S1(093015)PDB	PDB	< 5.0 U	3.5 J	7.6	< 100 UB	< 5.0 U	< 5.0 U	1,520 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	32.9	14,700 D	1.8 J
MW-0622-S1	3/9/2016	MW-0622-S1(030916)	Low-Flow	< 100 U	< 100 U	< 100 U	< 2,000 U	< 100 U	< 100 U	946	< 2,000 U	< 100 UJ	< 100 U	< 100 U	< 100 U	9,610 D	< 40.0 U
MW-0622-S1	9/27/2016	FD-2(092716)RW	PDB	< 5.0 U	< 5.0 U	6.2	< 100 U	< 5.0 U	< 5.0 U	1,470 D	< 100 U	< 6.0 UB	< 5.0 U	< 5.0 U	22.7	11,500 D	< 2.0 U
MW-0622-S1	9/27/2016	MW-0622-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	1,420	< 1,000 U	< 132 UB	< 50.0 U	< 50.0 U	< 50.0 U	12,100 D	< 20.0 U
MW-0622-S1	3/24/2017	FD-2(032417)-LF	PDB	< 100 U	< 100 U	< 100 U	< 2,000 U	< 100 U	< 100 U	2,270	< 2,000 U	< 100 U	< 100 U	< 100 U	< 100 U	28,800 D	< 40.0 U
MW-0622-S1	3/24/2017	MW-0622-S1(032417)PDB	PDB	< 100 U	< 100 U	< 100 U	< 2,000 U	< 100 U	< 100 U	2,370	< 2,000 U	< 100 U	< 100 U	< 100 U	< 100 U	27,300 D	< 40.0 U
MW-0622-S1	9/27/2017	FD-2 (092717)		< 100 U	< 100 U	< 100 U	< 2,000 UJ	< 100 U	< 100 U	1,300	< 2,000 UJ	< 100 U	< 100 U	< 100 U	< 100 U	7,690	< 40.0 U
MW-0622-S1	9/27/2017	MW-0622-S1 (092717)	PDB	< 100 U	< 100 U	< 100 U	< 2,000 UJ	< 100 U	< 100 U	1,290	< 2,000 UJ	< 100 U	< 100 U	< 100 U	< 100 U	10,300	< 40.0 U
MW-0622-S2	11/21/2006	MW-0622-S2 (112106)	Direct Fill	< 5.0 U	< 5.0 U	< 5.0 U	< 50.0 U	< 5.0 U	3.1 J	1.7 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0622-S2	11/13/2008	MW-0622-S2 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0622-S2	5/5/2010	MW-0622-S2 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0622-S2	10/28/2010	MW-0622-S2(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0622-S2	5/13/2011	MW-0622-S2(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.75 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0622-S2	10/18/2011	MW-0622-S2(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0622-S2	4/19/2012	MW-0622-S2 (041912)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0622-S2	10/31/2012	MW-0622-S2(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U

Table 2
Groundwater Analytical Data Summary Screened Against Drinking Water Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)													
				1,1,1-Trichloroethane	1,1-Dichloroethane*	1,1-Dichloroethene	Acetone*	Benzene	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Cyclohexane*	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0623-S1	3/7/2007	MW-0623-S1 (030707)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	11/12/2008	FD-3-MAH (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 2.0 U
MW-0623-S1	11/12/2008	MW-0623-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	20.3 J	< 2.0 U
MW-0623-S1	12/29/2008	MW-0623-S1 (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	5/5/2010	MW-0623-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0623-S1	10/28/2010	MW-0623-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	5/13/2011	MW-0623-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.67 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0623-S1	10/18/2011	MW-0623-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	10/31/2012	MW-0623-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	4/2/2013	MW-0623-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	20.7	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	228	< 2.0 U
MW-0623-S1	10/16/2013	MW-0623-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3.1 J	< 2.0 U
MW-0623-S1	5/13/2014	MW-0623-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	9/25/2014	MW-0623-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	3/31/2015	MW-0623-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.46 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	9/30/2015	MW-0623-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	< 5.0 U	0.82 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.47 J	< 2.0 U
MW-0623-S1	3/30/2016	MW-0623-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	9/27/2016	MW-0623-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 6.9 UB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	3/24/2017	MW-0623-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0623-S1	9/27/2017	MW-0623-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0701-B1a	11/12/2008	MW-0701-B1A (88-98)(111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	12.8	< 5.0 U	< 5.0 U	< 2.0 U
MW-0701-B1a	11/12/2008	MW-0701-B1A (98-108)(111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 UJ	< 100 U	< 5.0 U	< 5.0 U	5.8	< 5.0 U	< 5.0 U	< 2.0 U
MW-0702-B1	11/13/2008	MW-0702-B1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0702-B1	6/26/2009	MW-0702-B1 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0703-B1	11/12/2008	MW-0703-B1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0703-B1	6/26/2009	MW-0703-B1 (062609)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0703-B1	5/5/2010	MW-0703-B1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 100 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0703-B1	10/28/2010	MW-0703-B1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0703-B1	5/13/2011	MW-0703-B1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 10 UB	< 1.0 U	< 1.0 U	< 1.0 U	0.62 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0703-B1	10/18/2011	MW-0703-B1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0704-S1	11/13/2008	MW-0704-S1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	408	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	71.8	1,370	< 2.0 U
MW-0704-S1	6/25/2009	MW-0704-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	571	< 100 U	< 5 U	< 5 U	< 5 U	103	1,200	5.6
MW-0704-S1	10/31/2012	MW-0704-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	635 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	81.3	1,640 D	2.9
MW-0704-S1	4/2/2013	MW-0704-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	714 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	96.1	2,000 D	2.6
MW-0704-S1	10/16/2013	MW-0704-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	628 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	99.5	1,830 D	4.5
MW-0704-S1	5/13/2014	MW-0704-S1(051314)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	606	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	77.4	2,080 D	< 10.0 U
MW-0704-S1	9/25/2014	MW-0704-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	3.1 J	< 100 U	< 5.0 U	< 5.0 U	704 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	109	3,240 DJ	5.1
MW-0704-S1	3/31/2015	MW-0704-S1(033115)-PDB	PDB	< 25.0 U	< 25.0 U	2.8 J	< 500 U	< 25.0 U	< 25.0 U	740	< 500 U	3.3 J	< 25.0 U	< 25.0 U	101	2,640 D	3.7 J
MW-0704-S1	9/30/2015	MW-0704-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	1.1 J	< 100 UB	< 5.0 U	< 5.0 U	620 D	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	94.9	1,880 D	4.8
MW-0704-S1	3/9/2016	MW-0704-S1(030916)	Low-Flow	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	660	< 500 U	< 25.0 UJ	< 25.0 U	< 25.0 U	89.5	1,370 D	< 10.0 U
MW-0704-S1	9/27/2016	MW-0704-S1(092716)PDB	PDB	< 50.0 U	< 50.0 U	< 50.0 U	< 1,000 U	< 50.0 U	< 50.0 U	668	< 1,000 U	< 107 UB	< 50.0 U	< 50.0 U	88.9	2,480	< 20.0 U
MW-0704-S1	3/24/2017	MW-0704-S1(032417)PDB	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 U	< 25.0 U	< 25.0 U	569	< 500 U	< 25.0 U	< 25.0 U	< 25.0 U	76.0	2,000 D	< 10.0 U
MW-0704-S1	9/27/2017	MW-0704-S1 (092717)	PDB	< 25.0 U	< 25.0 U	< 25.0 U	< 500 UJ	< 25.0 U	< 25.0 U	614	< 500 UJ	< 25.0 U	< 25.0 U	< 25.0 U	83.0	2,150	< 10.0 U
MW-0705-S1	11/13/2008	MW-0705-S1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 R	< 5.0 U	< 5.0 U	37.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	9.4	187	< 2.0 U
MW-0705-S1	6/26/2009	MW-0705-S1 (062609)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	50.0	< 100 U	< 5 U	< 5 U	< 5 U	14.9	178	5.1
MW-0705-S1	6/26/2009	MW-0705-S1 (062609)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 100 UJ	< 5 U	< 5 U	34.0	< 100 U	< 5 U	< 5 U	< 5 U	9.0	86.3	4.8
MW-0705-S1	10/31/2012	MW-0705-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	39.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	9.4	146	4.2
MW-0705-S1	4/2/2013	MW-0705-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	46.8	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	13.7	177	4.1
MW-0705-S1	10/16/2013	MW-0705-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	50.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	11.9	185	3.9
MW-0705-S1	5/13/2014	MW-0705-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	42.1	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	10.7	131	4.2
MW-0705-S1	9/25/2014	MW-0705-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	40.6	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	9.3	115	3.1
MW-0705-S1	3/31/2015	MW-0705-S1(033115)-PDB	PDB	< 5.0 U	0.80 J	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	47.9	0.25 J	< 5.0 U	< 5.0 U	< 5.0 U	12.1	148	3.6
MW-0705-S1	9/30/2015	MW-0705-S1(093015)PDB	PDB	< 5.0 U	0.71 J	< 5.0 U	< 100 UB	< 5.0 U	< 5.0 U	59.5	0.56 J	< 5.0 U	< 5.0 U	< 5.0 U	18.5	176	3.2
MW-0705-S1	3/30/2016	MW-0705-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	46.5	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	11.6	135	3.4
MW-0705-S1	9/27/2016	MW-0705-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	46.7	< 100 U	< 7.9 UB	< 5.0 U	< 5.0 U	13.0	149	3.2
MW-0705-S1	3/24/2017	MW-0705-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	35.3	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	9.4	98.6	< 2.0 U
MW-0705-S1	9/27/2017	MW-0705-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 100 UJ	< 5.0 U	< 5.0 U	39.1	< 100 UJ	< 5.0 U	< 5.0 U	< 5.0 U	10.1	107	3.3
MW-1501-S1	9/2/2015	MW-1501-S1(090215)	Low-Flow	< 5.0 U	< 5.0 U	0.87 J	15.9 J	< 5.0 U	0.30 J	85.5	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	34.1	1,540 D	4.9
MW-1502-S1	9/2/2015	MW-1502-S1(090215)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	< 5.0 U	148	< 100 U	< 5.0 U	< 5.0 U	0.15 J	1.2 J	42.4	45.0
MW-1503-S1	9/2/2015	MW-1503-S1(090215)	Low-Flow	< 5.0 U	< 5.0 U	16.1	< 100 U	< 5.0 U	0.48 J	1,980 D	< 100 U	< 5.0 U	< 5.0 U	0.22 J	25.7	2,820 D	50.5
MW-1504-S1	9/2/2015	MW-1504-S1(090215)	Low-Flow	< 5.0 U	< 5.0 U	4.0 J	< 100 U	< 5.0 U	0.27 J	315 D	< 100 U	< 5.0 U	< 5.0 U	0.34 J	13.2	4,680 D	7.0
MW-1505-S1	9/3/2015	MW-1505-S1(090315)	Low-Flow	< 5.0 U	< 5.0 U	0.80 J	< 100 U	< 5.0 U	0.17 J	132	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	5.8	832 D	1.7 J
MW-1506-S1	9/3/2015	MW-1506-S1(090315)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	1.3 J	10.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	579 D	< 2.0 U
MW-1507-S1	9/3/2015	MW-1507-S1(090315)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	0.58 J	14.2	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	2.2 J	271 D	< 2.0 U
MW-1508-S1	9/3/2015	DUP-01(090315)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	0.36 J	9.9	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	0.33 J	102	< 2.0 U
MW-1508-S1	9/3/2015	MW-1508-S1(090315)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 100 U	< 5.0 U	0.51 J	10	< 100 U	< 5.0 U	< 5.0 U	< 5.0 U	0.35 J	105	< 2.0 U
Maximum Contaminant Level‡				200	24	7.0	14,000	5.0	80	70	13,000	5.0	5.0	1,000	100	5.0	2.0

Notes:

‡ The data are screened against United States Environmental Protection Agency (USEPA) Drinking Water Screening Criteria (Maximum Contaminant Levels [MCLs]).

* No MCL is established for 1,1-dichloroethane, acetone, or cyclohexane; as such, the Indiana Deprtment of Environmental Management Remediation Closure Guide (RCG) Tap Water Criteria were used for screening purposes

Shaded Concentrations highlighted gray exceed the screening criteria

µg/L: micrograms per liter

D: Concentration is based on a diluted sample analysis

E: The compound was quantitated above the calibration range.

J: The compound was positively identified; however, the associated numerical value is an estimated concentration only

PDB: Passive diffusion bag

U: The compound was analyzed for but not detected. The associated value is the compound quantitation limit

UB: Compound considered non-detect at the listed value due to associated blank contamination

UJ: The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation

Table 3
Off-Site Groundwater Analytical Data Summary Screened Against Groundwater Vapor Intrusion Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)					
				1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0516-S1	10/19/2005	MW-0516-2L (101905)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/23/2006	MW-0516-S1 (032306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	6/25/2009	MW-0516-S1 (062509)-LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	6/25/2009	MW-0516-S1 (062509)-PDB	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	5/5/2010	MW-0516-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	5/6/2010	MW-0516-S1 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0516-S1	10/28/2010	MW-0516-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	5/13/2011	MW-0516-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0516-S1	10/18/2011	MW-0516-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	10/31/2012	MW-0516-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	4/2/2013	MW-0516-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	10/16/2013	MW-0516-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	5/13/2014	MW-0516-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/25/2014	MW-0516-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/31/2015	MW-0516-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.26 J	< 2.0 U
MW-0516-S1	9/30/2015	MW-0516-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/30/2016	FD-1(033016)-LM	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/30/2016	MW-0516-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/27/2016	MW-0516-S1(091716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	3/24/2017	MW-0516-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0516-S1	9/27/2017	MW-0516-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	3/24/2006	MW-0602-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	11/7/2006	MW-0602-S1 (110706)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	10/31/2012	MW-0602-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	10/16/2013	MW-0602-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	5/13/2014	MW-0602-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/25/2014	MW-0602-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	3/30/2016	MW-0602-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/27/2016	MW-0602-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	3/24/2017	MW-0602-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0602-S1	9/27/2017	MW-0602-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	3/24/2006	MW-0603-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	11/8/2006	MW-0603-S1 (110806)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	6/25/2009	MW-0603-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S1	5/5/2010	MW-0603-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0603-S1	10/28/2010	MW-0603-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	5/13/2011	MW-0603-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0603-S1	10/18/2011	MW-0603-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	10/31/2012	MW-0603-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	10/16/2013	MW-0603-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	5/13/2014	MW-0603-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/25/2014	MW-0603-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	3/31/2015	MW-0603-S1(033115)-AO-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/30/2015	MW-0603-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.27 J	< 2.0 U
MW-0603-S1	3/30/2016	MW-0603-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/27/2016	MW-0603-S1(091716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	3/24/2017	MW-0603-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0603-S1	9/27/2017	MW-0603-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0606-S1	3/23/2006	MW-0606-S1 (032306)	Low-Flow	< 5.0 U	230	< 5.0 UJ	42	970	< 2.0 U
MW-0606-S1	11/6/2006	MW-0606-S1 (110606)	Low-Flow	< 5.0 U	210	< 5.0 U	43	770	1.0 J

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Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)					
				1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0606-S1	10/31/2012	MW-0606-S1(103112)LF	Low-Flow	< 5.0 U	288 D	< 5.0 U	76.5	**2,410 D**	< 2.0 U
MW-0606-S1	10/31/2012	MW-0606-S1(103112)PDB	PDB	< 5.0 U	281 D	< 5.0 U	78.8	**2,380 D**	1.2 J
MW-0606-S1	4/2/2013	MW-0606-S1 (040213) PDB	PDB	< 5.0 U	394 EJ	< 5.0 U	105	**4,490 EJ**	2.0
MW-0606-S1	10/16/2013	MW-0606-S1(101613)	PDB	< 5.0 U	314 D	< 5.0 U	92.8	**2,650 D**	1.3 J
MW-0606-S1	5/13/2014	MW-0606-S1(051314)	PDB	< 25.0 U	365	< 25.0 U	75.9	**3,280 D**	< 10.0 U
MW-0606-S1	9/25/2014	MW-0606-S1(092514)PDB	PDB	< 5.0 U	448 D	< 5.0 U	81.0	**2,580 DJ**	1.2 J
MW-0606-S1	3/31/2015	MW-0606-S1(033115)-PDB	PDB	< 50.0 U	428	< 50.0 U	94.6	**3,030 D**	< 20.0 U
MW-0606-S1	9/30/2015	MW-0606-S1(093015)PDB	PDB	0.42 J	285	< 5.0 U	45.6	1,260 D	0.43 J
MW-0606-S1	3/9/2016	MW-0606-S1(030916)	Low-Flow	< 5.0 U	329 D	< 5.0 U	62.6	**1,960 D**	< 2.0 U
MW-0606-S1	9/27/2016	MW-0606-S1(092716)PDB	PDB	< 50.0 U	633	< 50.0 U	58.0	1,130	< 20.0 U
MW-0606-S1	3/24/2017	MW-0606-S1(032417)PDB	PDB	< 5.0 U	441	< 5.0 U	97.8	**2,820 D**	< 2.0 U
MW-0606-S1	9/27/2017	MW-0606-S1 (092717)	PDB	< 5.0 U	250	< 5.0 U	51.0	1,470	< 2.0 U
MW-0607-S1	3/24/2006	MW-0607-S1 (032406)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	11/6/2006	MW-0607-S1 (110606)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	6/25/2009	MW-0607-S1 (062509)	Low-Flow	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	5/5/2010	MW-0607-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	5/6/2010	MW-0607-S1 (050610)LF	Low-Flow	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0607-S1	10/28/2010	MW-0607-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	5/13/2011	MW-0607-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0607-S1	10/18/2011	MW-0607-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	10/31/2012	MW-0607-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0607-S1	4/2/2013	MW-0607-S1 (040213) PDB	PDB	< 5.0 U	2.9 J	< 5.0 U	< 5.0 U	36.9 J	< 2.0 U
MW-0607-S1	10/16/2013	MW-0607-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	5/13/2014	MW-0607-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/25/2014	MW-0607-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4.0 J	< 2.0 U
MW-0607-S1	3/31/2015	MW-0607-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/30/2015	MW-0607-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	3/30/2016	MW-0607-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/27/2016	MW-0607-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	3/24/2017	MW-0607-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0607-S1	9/27/2017	MW-0607-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	3/23/2006	MW-0608-S1 (032306)	Low-Flow	< 5.0 U	2.9 J	< 5.0 UJ	< 5.0 U	2.0 J	< 2.0 U
MW-0608-S1	11/7/2006	MW-0608-S1 (110706)	Low-Flow	< 5.0 U	35	< 5.0 U	3.3 J	1.7 J	< 2.0 U
MW-0608-S1	6/26/2009	MW-0608-S1 (062609)	Low-Flow	< 5 U	24.5	< 5 U	< 5 U	< 5 U	4.9
MW-0608-S1	10/31/2012	MW-0608-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0608-S1	4/2/2013	MW-0608-S1 (040213) PDB	PDB	< 5.0 U	30.9	< 5.0 U	< 5.0 U	5.2 J	1.7 J
MW-0608-S1	10/16/2013	MW-0608-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	5/13/2014	MW-0608-S1(051314)	PDB	< 5.0 U	148	< 5.0 U	11.7	3.5 J	5.4
MW-0608-S1	9/25/2014	MW-0608-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.5 J	< 2.0 U
MW-0608-S1	3/31/2015	MW-0608-S1(033115)-PDB	PDB	0.33 J	144	< 5.0 U	13.1	< 5.0 U	4.0
MW-0608-S1	9/30/2015	MW-0608-S1(093015)PDB	PDB	0.54 J	243 D	< 5.0 U	35.3	< 5.0 U	5.8
MW-0608-S1	3/30/2016	MW-0608-S1(033016)PDB	PDB	< 5.0 U	97.8	< 5.0 U	9.3	< 5.0 U	2.6
MW-0608-S1	9/27/2016	MW-0608-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	3/24/2017	MW-0608-S1(032417)PDB	PDB	< 5.0 U	30.3	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0608-S1	9/27/2017	MW-0608-S1 (092717)	PDB	< 5.0 U	427	< 5.0 U	44.0	< 5.0 U	5.1
MW-0609-S1	3/23/2006	MW-0609-S1 (032306)	Low-Flow	< 5.0 U	61	< 5.0 UJ	9.7	260	< 2.0 U
MW-0609-S1	11/9/2006	MW-0609-S1 (110906)	Low-Flow	< 5.0 U	55	< 5.0 U	9.0	220	< 2.0 U
MW-0609-S1	6/26/2009	FD-1-PS (062609)	Low-Flow	< 5 U	225	< 5 U	25.4	69.4	3.7
MW-0609-S1	6/26/2009	MW-0609-S1 (062609)	Low-Flow	< 5 U	226	< 5 U	26.1	69.9	3.6
MW-0609-S1	10/31/2012	MW-0609-S1(103112)PDB	PDB	< 5.0 U	3.8 J	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U

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Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)					
				1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0609-S1	4/2/2013	MW-0609-S1 (040213) PDB	PDB	< 5.0 U	18.9	< 5.0 U	< 5.0 U	8.2 J	< 2.0 U
MW-0609-S1	10/16/2013	MW-0609-S1(101613)	PDB	< 5.0 U	489 D	< 5.0 U	40.1	5.9	7.8
MW-0609-S1	5/13/2014	MW-0609-S1(051314)	PDB	< 5.0 U	198 D	< 5.0 U	16.2	40.1	5.4
MW-0609-S1	9/25/2014	MW-0609-S1(092514)PDB	PDB	< 5.0 U	26.6	< 5.0 U	2.7 J	< 5.0 U	6.2
MW-0609-S1	9/30/2015	MW-0609-S1(093015)PDB	PDB	< 5.0 U	347 D	< 5.0 U	53.1	248	3.2
MW-0609-S1	3/30/2016	MW-0609-S1(033016)PDB	PDB	< 5.0 U	18.6	< 5.0 U	< 5.0 U	7.9	< 2.0 U
MW-0609-S1	9/27/2016	MW-0609-S1(092716)PDB	PDB	< 5.0 U	496	< 5.0 U	49.7	17.1	18.1
MW-0609-S1	3/24/2017	MW-0609-S1(032417)PDB	PDB	< 5.0 U	7.5	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0609-S1	9/27/2017	MW-0609-S1 (092717)	PDB	< 5.0 U	147	< 5.0 U	8.1	< 5.0 U	15.0
MW-0610-S1	11/10/2006	MW-0610-S1 (111006)	Low-Flow	< 5.0 U	40	< 5.0 U	4.2 J	< 5.0 U	1.9 J
MW-0610-S1	11/12/2008	MW-0610-S1 (111208)	Low-Flow	< 5.0 U	19.1	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/5/2010	MW-0610-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0610-S1	10/28/2010	MW-0610-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/13/2011	MW-0610-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0610-S1	10/18/2011	MW-0610-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	10/31/2012	MW-0610-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	10/16/2013	MW-0610-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	5/13/2014	MW-0610-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/25/2014	MW-0610-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.0 J	< 2.0 U
MW-0610-S1	3/31/2015	MW-0610-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/30/2015	MW-0610-S1(093015)PDB	PDB	< 5.0 U	2.1 J	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	3/30/2016	MW-0610-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/27/2016	MW-0610-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	3/24/2017	MW-0610-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0610-S1	9/27/2017	MW-0610-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	11/13/2006	MW-0611-S1 (111306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	11/13/2008	MW-0611-S1 (111308)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	4/29/2016	MW-0611-S1 (042916) (LOW FLOW)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0611-S1	3/24/2017	MW-0611-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0611-S1	10/11/2017	MW-0611-S1 (101117) LF	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0612-S1	11/9/2006	MW-0612-S1 (110906)	Low-Flow	< 5.0 U	130	< 5.0 U	43	**3,300**	2.4
MW-0612-S1	3/7/2007	FD-1-MG (030707)	Low-Flow	< 5.0 U	132	< 5.0 U	38.6	**3,760**	3.1
MW-0612-S1	3/7/2007	MW-0612-S1 (030707)	Low-Flow	< 5.0 U	161	< 5.0 U	38.9	**3,950**	< 2.0 U
MW-0612-S1	6/25/2009	MW-0612-S1 (062509)	Low-Flow	< 50 U	207	< 50 U	< 50 U	**4,370**	< 20 U
MW-0612-S1	4/19/2012	MW-0612-S1 (041912)-PDB	Low-Flow	< 5.0 U	223	< 5.0 U	44.9	**4,750 D**	15.1
MW-0612-S1	10/31/2012	FD-2(103112)PDB-WK	PDB	< 5.0 U	850 D	< 5.0 U	141	675 D	< 2.0 U
MW-0612-S1	10/31/2012	MW-0612-S1(103112)LF	Low-Flow	< 5.0 U	185	< 5.0 U	45.8	**2,490 D**	11.8
MW-0612-S1	10/31/2012	MW-0612-S1(103112)PDB	PDB	< 5.0 U	275	< 5.0 U	48.5	**5,440 D**	24.5
MW-0612-S1	4/2/2013	MW-0612-S1 (040213) PDB	PDB	< 5.0 U	191	< 5.0 U	41.0	**3,720 EJ**	9.3
MW-0612-S1	10/16/2013	MW-0612-S1(101613)	PDB	< 5.0 U	242	< 5.0 U	49.1	**3,220 D**	12.4
MW-0612-S1	5/13/2014	MW-0612-S1(051314)	PDB	< 5.0 U	248 D	< 5.0 U	46.2	**3,400 D**	13.2
MW-0612-S1	9/25/2014	MW-0612-S1(092514)PDB	PDB	< 5.0 U	251	< 5.0 U	43.2	**3,190 DJ**	13.7
MW-0612-S1	3/31/2015	MW-0612-S1(033115)-PDB	PDB	0.65 J	292	< 5.0 U	49.6	**3,870 D**	11.6
MW-0612-S1	9/30/2015	MW-0612-S1(093015)PDB	PDB	0.43 J	268 D	< 5.0 U	62.5	**4,420 D**	7.6
MW-0612-S1	3/9/2016	MW-0612-S1(030916)	Low-Flow	< 25.0 U	193	< 25.0 U	47.2	**2,380 D**	< 10.0 U
MW-0612-S1	9/27/2016	MW-0612-S1(092716)PDB	PDB	< 50.0 U	249	< 50.0 U	< 50.0 U	**4,630 D**	< 20.0 U
MW-0612-S1	3/24/2017	MW-0612-S1(032417)PDB	PDB	< 25.0 U	254	< 25.0 U	49.4	**3,960 D**	< 10.0 U
MW-0612-S1	9/27/2017	MW-0612-S1 (092717)	PDB	< 25.0 U	100	< 25.0 U	< 25.0 U	674	< 10.0 U

Table 3
Off-Site Groundwater Analytical Data Summary Screened Against Groundwater Vapor Intrusion Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)					
				1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0613-S1	11/10/2006	MW-0613-S1 (111006)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	11/12/2008	MW-0613-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/5/2010	MW-0613-S1 (050510)	PDB	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2 U
MW-0613-S1	10/28/2010	MW-0613-S1(102810)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/13/2011	MW-0613-S1(051311)	PDB	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
MW-0613-S1	10/18/2011	MW-0613-S1(101811)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	10/31/2012	MW-0613-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.2 UB	< 2.0 U
MW-0613-S1	4/2/2013	MW-0613-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	24.0 J	< 2.0 U
MW-0613-S1	10/16/2013	MW-0613-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	5/13/2014	MW-0613-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/25/2014	MW-0613-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	2.9 J	< 2.0 U
MW-0613-S1	3/31/2015	MW-0613-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/30/2015	MW-0613-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	3/30/2016	MW-0613-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/27/2016	MW-0613-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	3/24/2017	MW-0613-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0613-S1	9/27/2017	MW-0613-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/7/2007	MW-0617-S1 (030707)	Low-Flow	< 5.0 U	< 5.0 U	48.1	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	11/12/2008	MW-0617-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	18.3	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	12/29/2008	MW-0617-S1 (122908)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	10/31/2012	MW-0617-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	10/16/2013	MW-0617-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	5/13/2014	MW-0617-S1 (051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/25/2014	MW-0617-S1(092514)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/31/2015	MW-0617-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.29 J	< 2.0 U
MW-0617-S1	9/30/2015	MW-0617-S1(093015)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/30/2016	MW-0617-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/27/2016	MW-0617-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	3/24/2017	MW-0617-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0617-S1	9/27/2017	MW-0617-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 UJ
MW-0618-S1	11/13/2006	MW-0618-S1 (111306)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	11/12/2008	MW-0618-S1 (111208)	Low-Flow	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	10/31/2012	MW-0618-S1(103112)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UB	< 2.0 U
MW-0618-S1	4/2/2013	MW-0618-S1 (040213) PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	5.2 J	< 2.0 U
MW-0618-S1	10/16/2013	MW-0618-S1(101613)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	5/13/2014	MW-0618-S1(051314)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	3/31/2015	MW-0618-S1(033115)-PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	0.29 J	< 5.0 U	< 2.0 U
MW-0618-S1	9/30/2015	MW-0618-S1(093015)PDB	PDB	< 5.0 U	0.91 J	< 5.0 U	0.74 J	0.28 J	< 2.0 U
MW-0618-S1	3/30/2016	MW-0618-S1(033016)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	9/27/2016	MW-0618-S1(092716)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	3/24/2017	MW-0618-S1(032417)PDB	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0618-S1	9/27/2017	MW-0618-S1 (092717)	PDB	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 2.0 U
MW-0704-S1	11/13/2008	MW-0704-S1 (111308)	Low-Flow	< 5.0 U	408	< 5.0 U	71.8	1,370	< 2.0 U
MW-0704-S1	6/25/2009	MW-0704-S1 (062509)	Low-Flow	< 5 U	571	< 5 U	103	1,200	5.6
MW-0704-S1	10/31/2012	MW-0704-S1(103112)PDB	PDB	< 5.0 U	635 D	< 5.0 U	81.3	**1,640 D**	2.9
MW-0704-S1	4/2/2013	MW-0704-S1 (040213) PDB	PDB	< 5.0 U	714 D	< 5.0 U	96.1	**2,000 D**	2.6
MW-0704-S1	10/16/2013	MW-0704-S1(101613)	PDB	< 5.0 U	628 D	< 5.0 U	99.5	**1,830 D**	4.5
MW-0704-S1	5/13/2014	MW-0704-S1(051314)	PDB	< 25.0 U	606	< 25.0 U	77.4	**2,080 D**	< 10.0 U
MW-0704-S1	9/25/2014	MW-0704-S1(092514)PDB	PDB	3.1 J	704 D	< 5.0 U	109	**3,240 DJ**	5.1
MW-0704-S1	3/31/2015	MW-0704-S1(033115)-PDB	PDB	2.8 J	740	< 25.0 U	101	**2,640 D**	3.7 J

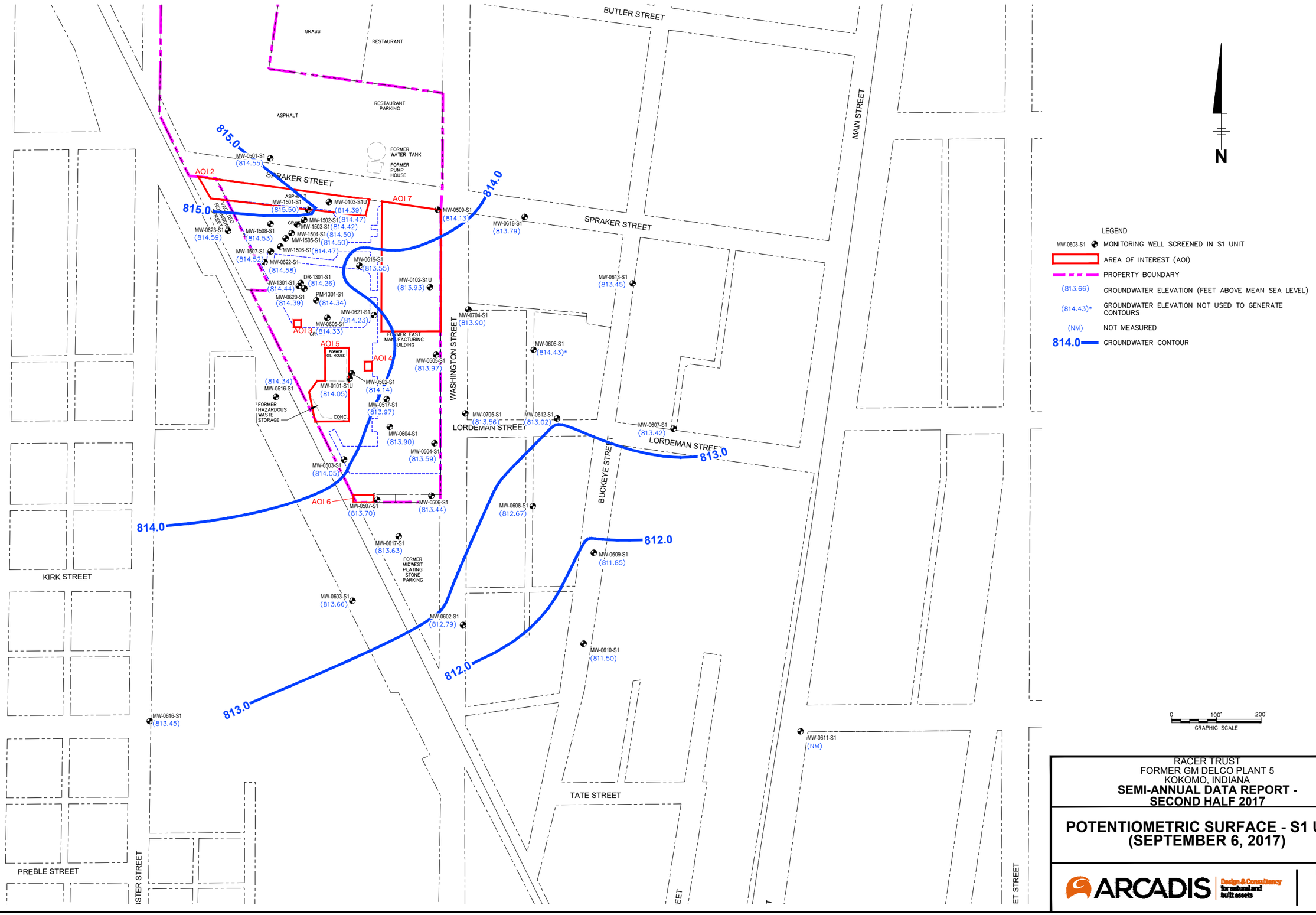
Table 3
Off-Site Groundwater Analytical Data Summary Screened Against Groundwater Vapor Intrusion Criteria
Former GM Delco Plant 5
Kokomo, Indiana

Location	Date	Sample ID	Sampling Method	Concentration (µg/L)					
				1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
MW-0704-S1	9/30/2015	MW-0704-S1(093015)PDB	PDB	1.1 J	620 D	< 5.0 U	94.9	**1,880 D**	4.8
MW-0704-S1	3/9/2016	MW-0704-S1(030916)	Low-Flow	< 25.0 U	660	< 25.0 U	89.5	1,370 D	< 10.0 U
MW-0704-S1	9/27/2016	MW-0704-S1(092716)PDB	PDB	< 50.0 U	668	< 50.0 U	88.9	**2,480**	< 20.0 U
MW-0704-S1	3/24/2017	MW-0704-S1(032417)PDB	PDB	< 25.0 U	569	< 25.0 U	76.0	**2,000 D**	< 10.0 U
MW-0704-S1	9/27/2017	MW-0704-S1 (092717)	PDB	< 25.0 U	614	< 25.0 U	83.0	**2,150**	< 10.0 U
MW-0705-S1	11/13/2008	MW-0705-S1 (111308)	Low-Flow	< 5.0 U	37.2	< 5.0 U	9.4	187	< 2.0 U
MW-0705-S1	6/26/2009	MW-0705-S1 (062609)-LF	Low-Flow	< 5 U	50.0	< 5 U	14.9	178	5.1
MW-0705-S1	6/26/2009	MW-0705-S1 (062609)-PDB	PDB	< 5 U	34.0	< 5 U	9.0	86.3	4.8
MW-0705-S1	10/31/2012	MW-0705-S1(103112)PDB	PDB	< 5.0 U	39.8	< 5.0 U	9.4	146	4.2
MW-0705-S1	4/2/2013	MW-0705-S1 (040213) PDB	PDB	< 5.0 U	46.8	< 5.0 U	13.7	177	4.1
MW-0705-S1	10/16/2013	MW-0705-S1(101613)	PDB	< 5.0 U	50.3	< 5.0 U	11.9	185	3.9
MW-0705-S1	5/13/2014	MW-0705-S1(051314)	PDB	< 5.0 U	42.1	< 5.0 U	10.7	131	4.2
MW-0705-S1	9/25/2014	MW-0705-S1(092514)PDB	PDB	< 5.0 U	40.6	< 5.0 U	9.3	115	3.1
MW-0705-S1	3/31/2015	MW-0705-S1(033115)-PDB	PDB	< 5.0 U	47.9	< 5.0 U	12.1	148	3.6
MW-0705-S1	9/30/2015	MW-0705-S1(093015)PDB	PDB	< 5.0 U	59.5	< 5.0 U	18.5	176	3.2
MW-0705-S1	3/30/2016	MW-0705-S1(033016)PDB	PDB	< 5.0 U	46.5	< 5.0 U	11.6	135	3.4
MW-0705-S1	9/27/2016	MW-0705-S1(092716)PDB	PDB	< 5.0 U	46.7	< 5.0 U	13.0	149	3.2
MW-0705-S1	3/24/2017	MW-0705-S1(032417)PDB	PDB	< 5.0 U	35.3	< 5.0 U	9.4	98.6	< 2.0 U
MW-0705-S1	9/27/2017	MW-0705-S1 (092717)	PDB	< 5.0 U	39.1	< 5.0 U	10.1	107	3.3
Residential‡				**55,120**	**41,260**	**44,270**	**23,430**	**1,540**	**540**
Commercial/Industrial‡				**77,160**	**57,760**	**61,980**	**32,800**	**2,150**	**1,810**

Notes:

µg/L	Results are reported in micrograms per liter
‡	The data are screened against site-specific Groundwater Vapor Intrusion Screening Criteria for residential and commercial/industrial values
BOLD	Results exceed the residential standards
SHADED	Results exceed the commercial/industrial standards
D:	Concentration is based on a diluted sample analysis
LF:	LF - Low Flow Sampling Technique
PDB:	PDB - Passive Diffusion Bag Sampling Technique
J:	J - The compound was positively identified; however, the associated numerical value is an estimated concentration only
U:	U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit
UB:	UB - Compound considered non-detect at the listed value due to associated blank contamination
UJ:	UJ - The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation

FIGURES



RACER TRUST
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
SEMI-ANNUAL DATA REPORT - SECOND HALF 2017

POTENTIOMETRIC SURFACE - S1 UNIT (SEPTEMBER 6, 2017)

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

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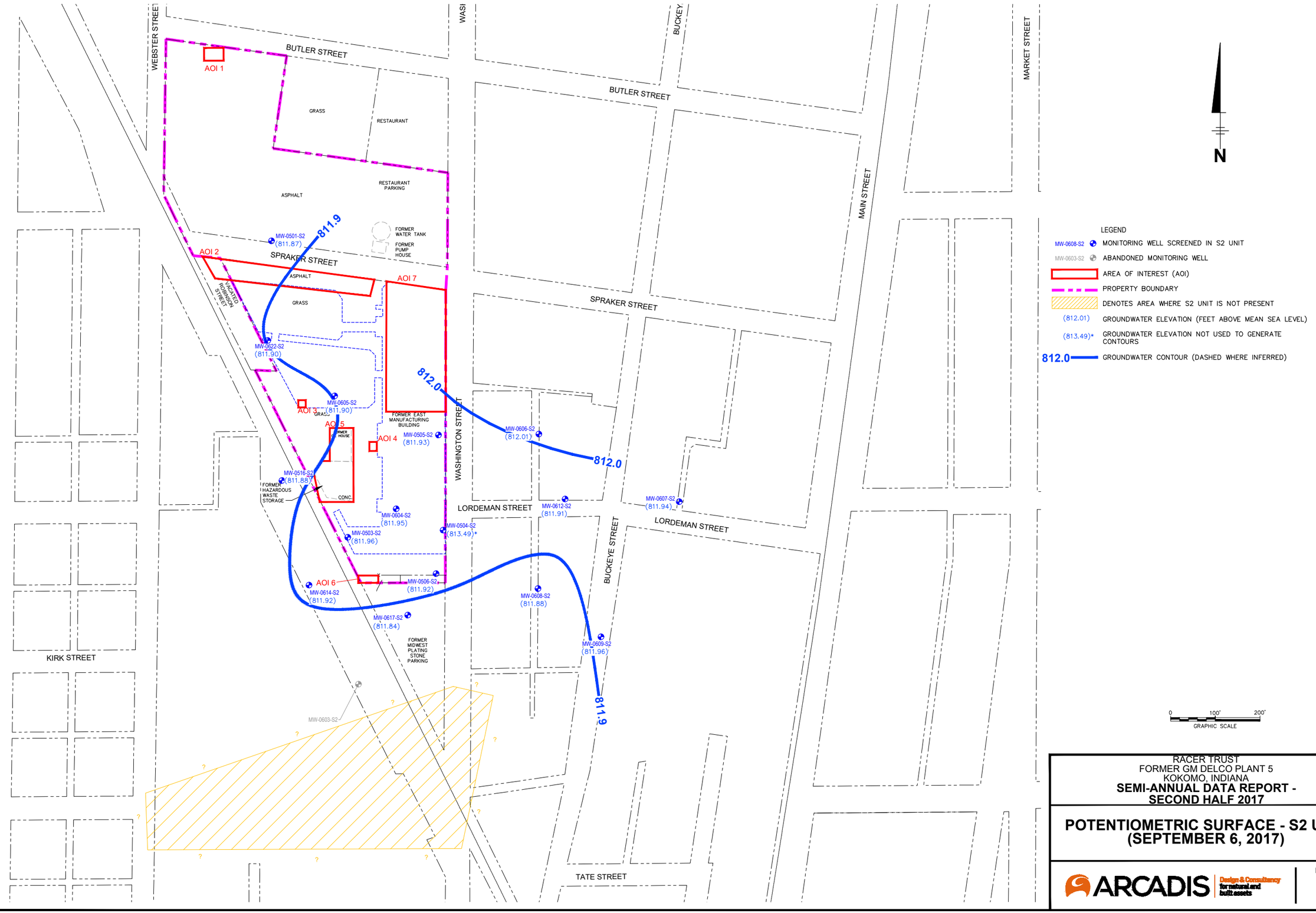

RACER TRUST
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
SEMI-ANNUAL DATA REPORT - SECOND HALF 2017

POTENTIOMETRIC SURFACE - S2 UNIT (SEPTEMBER 6, 2017)

ARCADIS Design & Consultancy for natural and built assets

FIGURE **2**

CITY:Syracuse DIV/GROUP:Env-141 DB:A.Schilling LD:A.Schilling PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(On)ON=*:OFF=*REF*
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1/9/2018 1:25 PM BY: SCHILLING, ADAM
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SAR-X-BASE
SAR2-TITLEBLOCK

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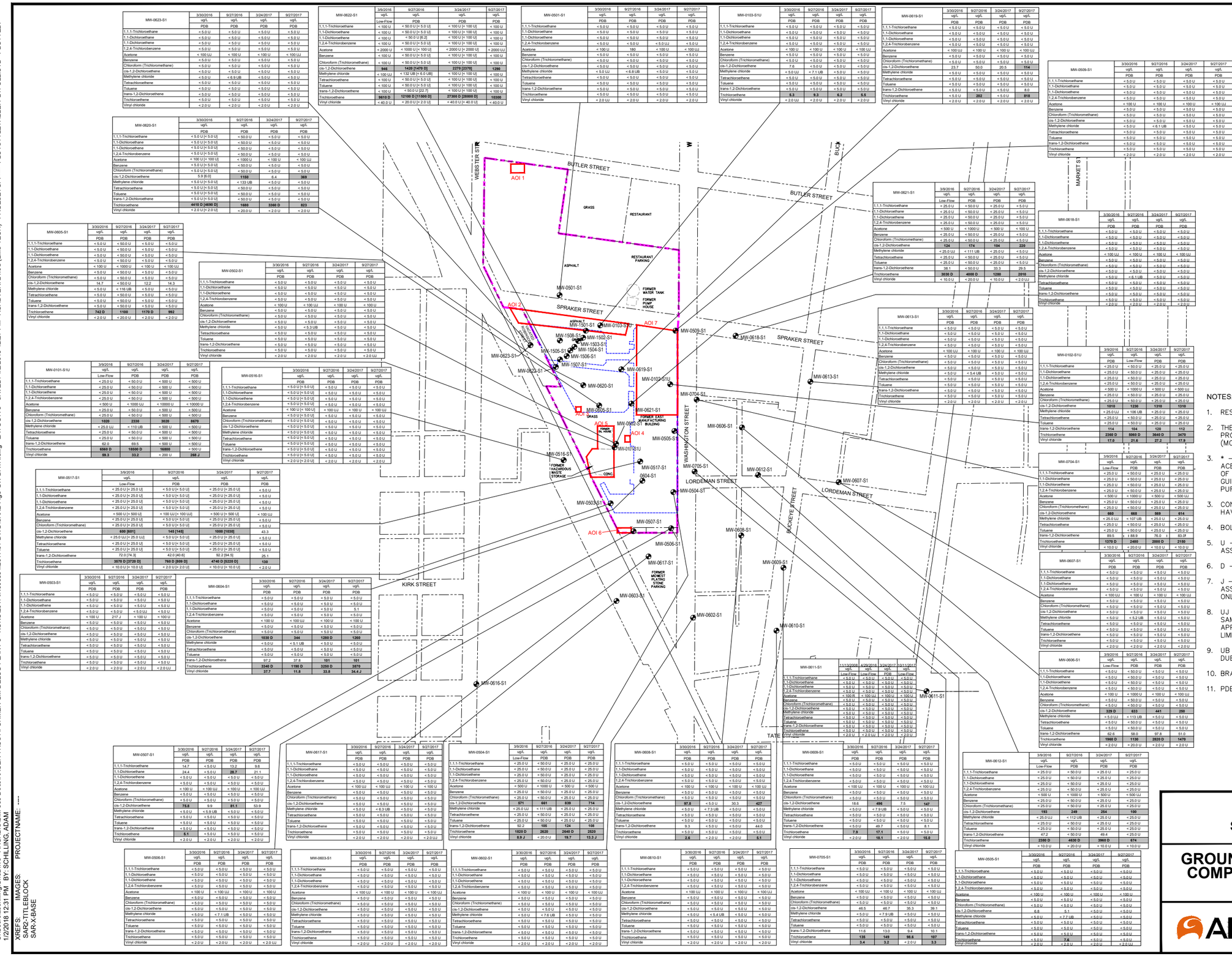

MW-0623-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 UJ	< 100 U	< 100 U	< 100 UJ
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 6.8 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0622-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
1,1-Dichloroethane	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
1,1-Dichloroethene	< 100 U	< 50.0 U [6.2]	< 100 U [< 100 U]	< 100 U
1,2,4-Trichlorobenzene	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
Acetone	< 2000 U	< 1000 U [< 100 U]	< 2000 U [< 2000 U]	< 2000 UJ
Benzene	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
Chloroform (Trichloromethane)	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
cis-1,2-Dichloroethene	944	1430 [1479 D]	2270 [2570]	1290
Methylene chloride	< 100 UJ	< 132 UB [< 6.0 UB]	< 100 U [< 100 U]	< 100 U
Tetrachloroethene	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
Toluene	< 100 U	< 50.0 U [< 5.0 U]	< 100 U [< 100 U]	< 100 U
trans-1,2-Dichloroethene	< 100 U	< 50.0 U [22.7]	< 100 U [< 100 U]	< 100 U
Trichloroethene	9610 D	12100 D [11500 D]	27300 D [28800 D]	13320
Vinyl chloride	< 40.0 U	< 20.0 U [< 2.0 U]	< 40.0 U [< 40.0 U]	< 40.0 U

MW-0501-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	180	< 100 U	< 100 UJ
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 6.8 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0103-S1U	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 UJ
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	7.6	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 7.1 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	6.3	9.3	6.2	6.5
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0619-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 UJ
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	23.7	50.0	20.5	11.4
Methylene chloride	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	8.0
Trichloroethene	< 5.0 U	26.2	< 5.0 U	8.8
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0509-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 6.1 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0620-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U [< 100 U]	< 1000 U	< 100 U	< 100 U
Benzene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	5.9 [6.0]	1150	6.4	369
Methylene chloride	< 5.0 U [< 5.0 U]	< 133 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U [< 5.0 U]	< 50.0 U	< 5.0 U	< 5.0 U
Trichloroethene	4410 D [4690 D]	1680	3340 D	823
Vinyl chloride	< 2.0 U [< 2.0 U]	< 20.0 U	< 2.0 U	< 2.0 U

MW-0621-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
1,1-Dichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
Acetone	< 500 U	< 1000 U	< 500 U	< 100 U
Benzene	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
cis-1,2-Dichloroethene	124	174	104	220
Methylene chloride	< 25.0 U	< 111 UB	< 25.0 U	< 5.0 U
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
Toluene	< 25.0 U	< 50.0 U	< 25.0 U	< 5.0 U
trans-1,2-Dichloroethene	38.1	< 50.0 U	33.3	29.5
Trichloroethene	3030 D	4000 D	1280	2910
Vinyl chloride	< 10.0 U	< 20.0 U	< 10.0 U	< 2.0 U

MW-0618-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 UJ	< 100 U	< 100 U	< 100 UJ
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 6.1 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0605-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 1000 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	14.7	< 50.0 U	12.2	14.3
Methylene chloride	< 5.0 U	< 116 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Trichloroethene	742 D	1100	1170 D	992
Vinyl chloride	< 2.0 U	< 20.0 U	< 2.0 U	< 2.0 U

MW-0502-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 5.3 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0613-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.4 UB	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 5.4 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0102-S1U	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,2,4-Trichlorobenzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Acetone	< 500 U	< 1000 U	< 500 U	< 500 U
Benzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Chloroform (Trichloromethane)	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
cis-1,2-Dichloroethene	1010	1230	1310	1310
Methylene chloride	< 25.0 U	< 106 UB	< 25.0 U	< 25.0 U
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Toluene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
trans-1,2-Dichloroethene	114	104	120	112
Trichloroethene	2360 D	5060 D	3640 D	3470
Vinyl chloride	17.0	21.6	27.2	17.5

MW-0704-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,2,4-Trichlorobenzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Acetone	< 500 U	< 1000 U	< 500 U	< 500 U
Benzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Chloroform (Trichloromethane)	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
cis-1,2-Dichloroethene	660	668	569	414
Methylene chloride	< 25.0 U	< 107 UB	< 25.0 U	< 25.0 U
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Toluene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
trans-1,2-Dichloroethene	89.5	< 88.9	76.0	63.0
Trichloroethene	1370 D	2480	2000 D	2150
Vinyl chloride	< 10.0 U	< 20.0 U	< 10.0 U	< 10.0 U

MW-0607-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 UJ	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 5.2 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0606-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 1000 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	329 D	633	441	280
Methylene chloride	< 5.0 U	< 113 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	62.6	58.0	97.8	51.0
Trichloroethene	1960 D	1130	2820 D	1470
Vinyl chloride	< 2.0 U	< 20.0 U	< 2.0 U	< 2.0 U

MW-0609-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 116 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0612-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1,1-Trichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethane	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
1,2,4-Trichlorobenzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Acetone	< 500 U	< 1000 U	< 500 U	< 500 U
Benzene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Chloroform (Trichloromethane)	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
cis-1,2-Dichloroethene	193	249	254	160
Methylene chloride	< 25.0 U	< 112 UB	< 25.0 U	< 25.0 U
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
Toluene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
trans-1,2-Dichloroethene	47.2	< 50.0 U	49.4	< 25.0 U
Trichloroethene	2380 D	4630 D	3960 D	674
Vinyl chloride	< 10.0 U	< 20.0 U	< 10.0 U	< 10.0 U

MW-0505-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	6.8	5.1	< 5.0 U	< 5.0 U
Methylene chloride	< 5.0 U	< 7.7 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	7.6	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0507-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	14.7	< 5.0 U	13.2	8.6
1,1-Dichloroethane	24.4	< 5.0 U	28.7	21.1
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	75.8	9.9	81.1	53.9
Methylene chloride	< 5.0 U	< 6.3 UB	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Toluene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	5.1	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0617-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1,1-Trichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethane	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-Trichlorobenzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Acetone	< 100 U	< 100 U	< 100 U	< 100 U
Benzene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Chloroform (Trichloromethane)	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U

CITY:Syracuse DIV/GROUP:Env-141 DB:A.Schilling LD:A.Schilling PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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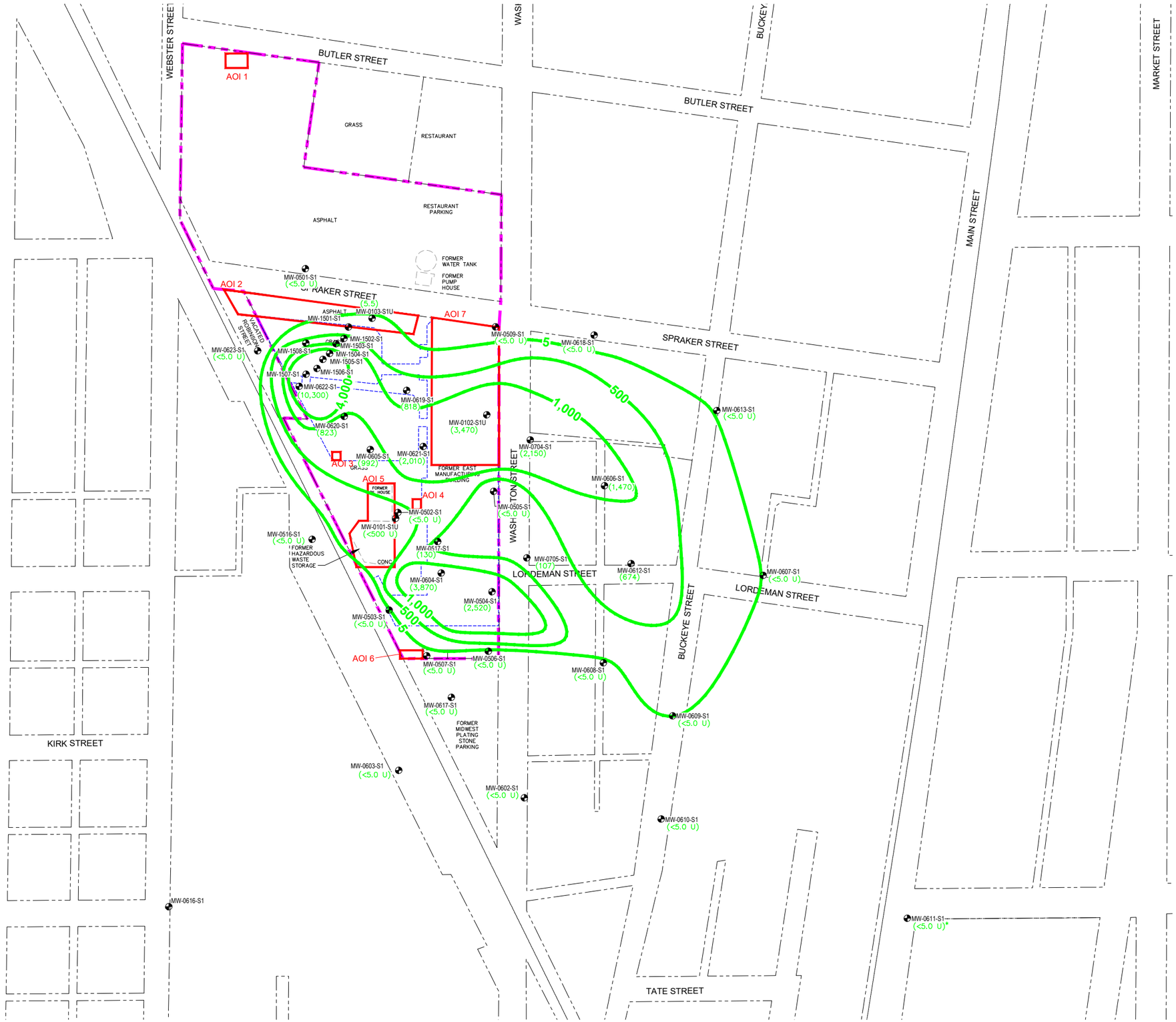

LEGEND

- MW-0603-S1 — MONITORING WELL SCREENED IN S1 UNIT
- AREA OF INTEREST (AOI)
- PROPERTY BOUNDARY
- FORMER BUILDING
- (675) — TRICHLOROETHYLENE (TCE) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 5 — ISOCONCENTRATION CONTOUR IN µg/L

NOTES

1. U – THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE ASSOCIATED VALUE IS THE COMPOUND QUANTITATION LIMIT.
2. * – MW–0611–S1 WAS SAMPLED ON OCTOBER 11, 2017.

0 100' 200'
GRAPHIC SCALE

RACER TRUST
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
SEMI-ANNUAL DATA REPORT - SECOND HALF 2017

TCE GROUNDWATER CONCENTRATION CONTOURS - S1 UNIT (SEPTEMBER 27, 2017)

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

MW-0704-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
cis-1,2-Dichloroethene	660	668	569	614
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
trans-1,2-Dichloroethene	89.5	88.9	76.0	83.0
Trichloroethene	1370 D	**2480**	**2000 D**	**2150**
Vinyl chloride	< 10.0 U	< 20.0 U	< 10.0 U	< 10.0 U

MW-0606-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	329 D	633	441	250
Tetrachloroethene	< 5.0 U	< 50.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	62.6	58.0	97.8	51.0
Trichloroethene	**1960 D**	1130	**2820 D**	1470
Vinyl chloride	< 2.0 U	< 20.0 U	< 2.0 U	< 2.0 U

MW-0618-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0705-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	46.5	46.7	35.3	39.1
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	11.6	13.0	9.4	10.1
Trichloroethene	135	149	98.6	107
Vinyl chloride	3.4	3.2	< 2.0 U	3.3

MW-0613-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0516-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U [< 5.0 U]	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U [< 5.0 U]	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U [< 5.0 U]	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U [< 5.0 U]	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U [< 5.0 U]	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U [< 2.0 U]	< 2.0 U	< 2.0 U	< 2.0 U

MW-0612-S1	3/9/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	PDB	PDB	PDB
1,1-Dichloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
cis-1,2-Dichloroethene	193	249	254	100
Tetrachloroethene	< 25.0 U	< 50.0 U	< 25.0 U	< 25.0 U
trans-1,2-Dichloroethene	47.2	< 50.0 U	49.4	< 25.0 U
Trichloroethene	**2380 D**	**4630 D**	**3960 D**	674
Vinyl chloride	< 10.0 U	< 20.0 U	< 10.0 U	< 10.0 U

MW-0608-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	97.8	< 5.0 U	30.3	427
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	9.3	< 5.0 U	< 5.0 U	44.0
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	2.6	< 2.0 U	< 2.0 U	5.1

MW-0607-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0617-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ

MW-0609-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	18.6	496	7.5	147
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	49.7	< 5.0 U	8.1
Trichloroethene	7.9	17.1	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	18.1	< 2.0 U	15.0

MW-0603-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0610-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0602-S1	3/30/2016	9/27/2016	3/24/2017	9/27/2017
	ug/L	ug/L	ug/L	ug/L
	PDB	PDB	PDB	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

MW-0611-S1	11/13/2008	4/29/2016	3/24/2017	10/11/2017
	ug/L	ug/L	ug/L	ug/L
	Low-Flow	Low-Flow	Low-Flow	PDB
1,1-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
cis-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Tetrachloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
trans-1,2-Dichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Trichloroethene	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
Vinyl chloride	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U

LEGEND

- MW-0501-P1: MONITORING WELL SCREENED IN DISCONTINUOUS UNIT – P1 DENOTES SCREENED INTERVAL IS IN A PERCHED ZONE ABOVE UNIT S1. I2 DENOTES SCREENED INTERVAL IS A SAND UNIT BETWEEN UNITS S1 AND S2
- MW-0603-S1: MONITORING WELL S2 SCREENED IN UNIT S1
- MW-0603-S2: MONITORING WELL SCREENED IN UNIT S2
- MW-0603-B1: MONITORING WELL SCREENED IN THE B1 UNIT
- MW-0607-S1: ABANDONED MONITORING WELL SCREENED IN UNIT B1. UNIT B1 REFERS TO THE UPPERMOST TRANSMISSIVE ZONE WITHIN THE LIMESTONE BEDROCK UNIT.
- MW-0615-B1a: ABANDONED MONITORING WELL (B1A LOCATIONS ARE OPEN BEDROCK BOREHOLES TO A DEPTH OF APPROXIMATELY 150 FT BG CURRENTLY SEALED WITH FLUTE LINERS)
- AREA OF INTEREST (AOI)
- PROPERTY BOUNDARY

Site-Specific Groundwater Commercial Vapor Intrusion Screening Criteria		
Constituent of Concern	Residential	Industrial
1,1 - Dichloroethene	55,120	**77,160**
cis-1,2-Dichloroethene	41,260	**57,760**
Tetrachloroethene	44,270	**61,980**
Trans-1,2-Dichloroethene	23,430	**32,800**
Trichloroethene	1,540	**2,150**
Vinyl Chloride	540	**1,810**

NOTES:

1. RESULTS ARE REPORTED IN MICROGRAMS PER LITER (µg/L).
2. THE DATA ARE SCREENED AGAINST SITE–SPECIFIC GROUNDWATER VAPOR INTRUSION SCREENING CRITERIA FOR RESIDENTIAL AND COMMERCIAL/INDUSTRIAL USES.
3. RESULTS EXCEEDING THE RESIDENTIAL STANDARDS ARE BOLDFACED. RESULTS EXCEEDING THE COMMERCIAL/INDUSTRIAL STANDARDS ARE BOLD AND SHADED GRAY.
4. U – THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. THE ASSOCIATED VALUE IS THE COMPOUND QUANTITATION LIMIT
5. D – CONCENTRATION IS BASED ON A DILUTED SAMPLE ANALYSIS
6. J – THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY
7. PDB – PASSIVE DIFFUSION BAG

0 100' 200'
GRAPHIC SCALE

RACER TRUST
FORMER GM DELCO PLANT 5
KOKOMO, INDIANA
SEMI-ANNUAL DATA REPORT - SECOND HALF 2017

OFF-SITE GROUNDWATER VOLATILE ORGANIC COMPOUND ANALYTICAL RESULTS SCREENED WITH GROUNDWATER VAPOR INTRUSION CRITERIA

ARCADIS Design & Consultancy for natural and built assets

FIGURE 5

CITY: SYRACUSE DIV/GROUP: 141 DB: G.STOWELL PM: D.LAY LYR:ON=*;OFF=*REF
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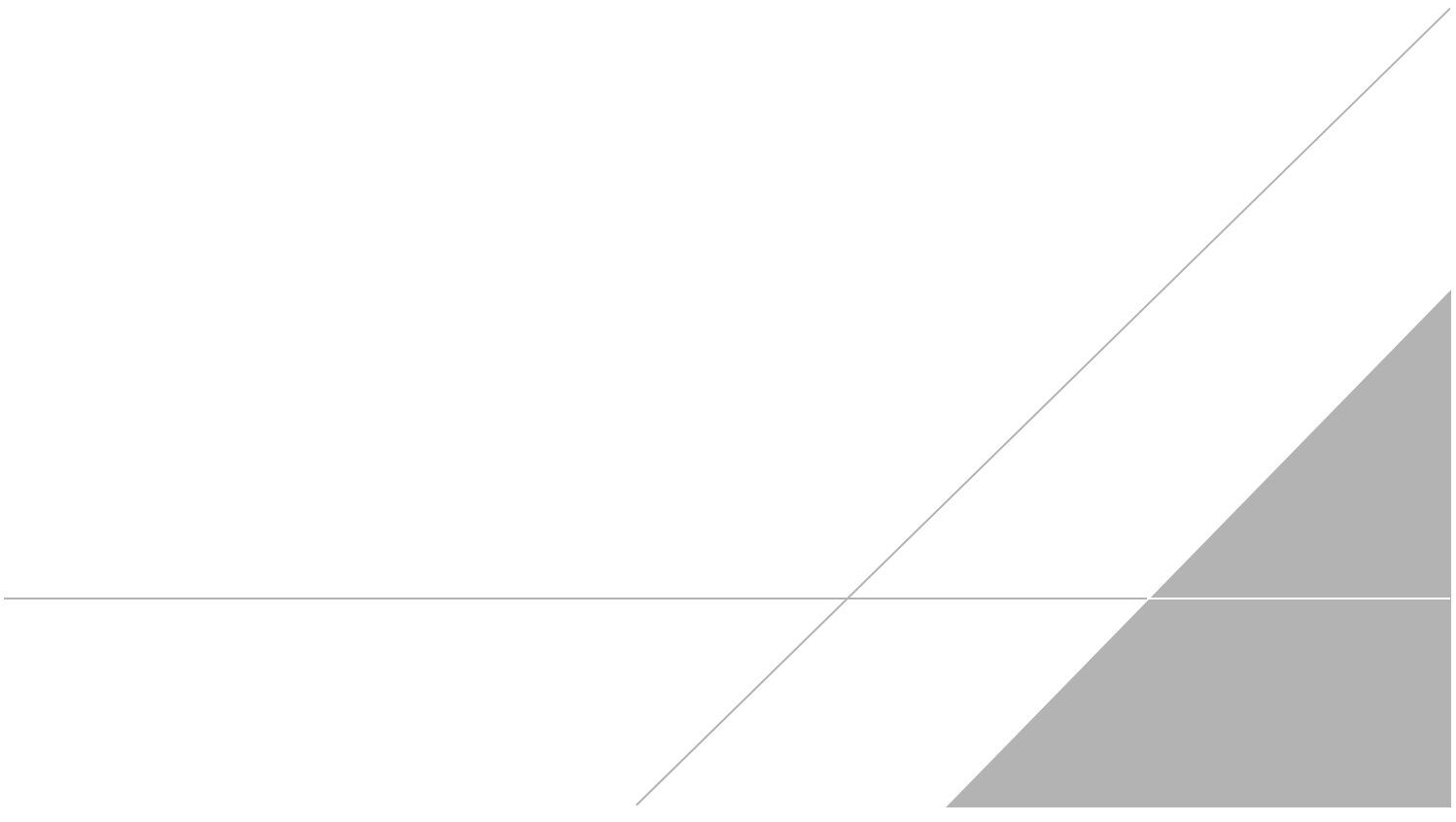
APPENDIX A

Second Half 2017 Progress Report



Revitalizing Auto Communities
Environmental Response Trust

Ms. Michelle Kaysen
U.S. Environmental Protection Agency, Region 5
Waste Management Division
77 West Jackson Blvd., DE-9J
Chicago, IL 60604-3590

January 12, 2017

RE: Second Half 2017 Progress Report
RCRA Corrective Action
Former GM Delco Plant 5, Kokomo, IN
USEPA ID No. IND000806844

Dear Ms. Kaysen:

In accordance with the Performance-based Administrative Order on Consent (Order) between the U.S. Environmental Protection Agency Region 5 (USEPA) and Revitalizing Auto Communities Environmental Response (RACER) Trust, please find the attached progress report for the second half of 2017. This progress report details activities that have been completed at the RACER Trust owned Former GM Delco Plant 5 in Kokomo, Indiana (Site) from July 1, 2017 through December 31, 2017.

Please let me know if you have any questions about the report.

Sarah Fisher /for

Robert W. Hare, P.E., CHMM
Cleanup Manager – (IL, IN, KS, MO, NJ, WI)

Attachment A – Second Half 2017 Progress Report

C: Glynda Oakes, IDEM Office of Land Quality (E-mail)
Howard County Health Department (CD)
Carey Stranahan, City of Kokomo (CD)
Kokomo Public Library (Public Information Repository) (CD)
Sarah Fisher, Arcadis U.S. (CD)

ATTACHMENT A
SECOND HALF 2017 PROGRESS REPORT
PERFORMANCE-BASED ADMINISTRATIVE ORDER ON CONSENT
RCRA CORRECTIVE ACTION
FORMER GM DELCO PLANT 5, KOKOMO, IN
JULY 1, 2017 TO DECEMBER 31, 2017

WORK PERFORMED THIS HALF

- Completed site-wide groundwater gauging and deployed passive diffusion bag samplers on September 6, 2017. Groundwater samples were collected from passive diffusion bag samplers on September 27, 2017. Monitoring well MW-0611-S1 was covered by concrete debris during the gauging event on September 6, 2017. On October 3, 2017, MW-0611-S1 was uncovered and on October 11, 2017, a groundwater sample was collected using low-flow techniques.

- Submitted a revised draft of the *Corrective Measures Proposal* on August 4, 2017which summarized proposed remedies to meet EPA cleanup objectives for the Site.

DATA AVAILABLE DURING THIS HALF

- Analytical results from the September 2017 and October 2017 groundwater sampling events are included in the *Semi-Annual Progress and Data Report, Second Half 2017.*

PROBLEMS ENCOUNTERED

- None.

SUMMARY OF PROBLEM RESOLUTION

- NA

POTENTIAL PROBLEMS

- None.

ESTIMATED PERCENT COMPLETE AND INFORMATION SUMMARY FOR SELECTED ACTIVITIES

- Description of Current Conditions 100%

Summarized available information for the Site and identified seven Areas of Interest (AOIs), four of which require additional investigation. No ecological habitat was identified at or in the immediate vicinity of the Site. Due May 15, 2006 and submitted October 10, 2005.

- Public Participation Plan 100%

- Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan 100%

Submitted December 15, 2005.

- RFI Phase I Implementation 100%

Objective was to characterize the hydrogeology, to evaluate potential off-site groundwater impacts and to characterize AOIs at the Site. Phase I included installation of 38 soil borings and 20 monitoring wells. Ninety-five soil, eight borehole water, and 23 groundwater samples were analyzed. Completed in October 2005.

- RFI Data Report (Phase I data) 100%

Major findings included identifying small, isolated zones with perched groundwater, and two continuous saturated sand units over the investigation area with shallow groundwater flow generally to the southeast. Trichloroethene (TCE) is primary chemical of concern, with source areas identified in AOIs 5 and 7. TCE groundwater impacts extend off-site, but are not present in borehole water samples collected approximately 800 feet from the Site. No potable water wells were identified in immediate vicinity of the Site. Currently, no unacceptable risks to human health have been identified. Submitted January 19, 2006.

- RFI Phase II Implementation 100%

Objective was to further characterize on- and off-site groundwater impacts and AOIs on Site. Phase II included installation of 29 soil borings and 20 monitoring wells. Seventy-five soil, two borehole water, and 20 groundwater samples were analyzed. Completed in March 2006.

- RFI Data Report (updated to include Phase II data) 100%

Major findings included more precise delineation of on- and off-site TCE groundwater impacts. Groundwater flow in the bedrock appears to be generally to the northeast. TCE distribution in bedrock groundwater indicates an upgradient source of TCE to the bedrock groundwater. Source area soil impacts were more precisely delineated at AOIs 5 and 7, and a possible additional source area was identified in the vicinity of the former south manufacturing building. Currently, no unacceptable risks to human health have been identified. Submitted May 26, 2006.

- RFI Phase III Implementation 100%

Objective was to further characterize on- and off-site groundwater impacts and AOIs on site. The initial RFI Phase III field work included installation of six soil borings and 13 monitoring wells. Fourteen soil, four borehole water, and 42 groundwater samples were submitted for analysis. An additional six soil borings and four monitoring wells were installed, and 16 soil samples and four groundwater samples were collected as part of additional "step-out" activities (Phase IIIb)

performed based on review of preliminary RFI Phase III soil and borehole water sample analytical data. Following review of the preliminary data from Phase IIIb, two additional monitoring wells were installed (Phase IIIc) to further characterize and delineate the extent of groundwater containing TCE in the S1 unit in the northwestern portion of the Site (MW-0623-S1), and in the S2 unit east of the Site along Lordeman Street (MW-0607-S2). Access was obtained to the adjacent former Midwest Plating property, where three monitoring wells were installed, and soil and groundwater samples were collected. Started on October 9, 2006 and completed in March 2007.

- RFI Data Report (updated to include Phase III data) 100%

Major findings included more precise delineation of on- and off-site groundwater impacts. Groundwater flow in the bedrock appears to generally be to the south. The source of the cis-1,2-dichloroethene (cis-1,2-DCE) in bedrock groundwater is uncertain. Additional characterization of the groundwater in the bedrock is necessary. There are relatively high concentrations of TCE and tetrachloroethene (PCE) in the soil at the former Midwest Plating property. More precise delineation of source area soil impacts is necessary at AOI 5 and the former south manufacturing building. Currently, no unacceptable risks to human health have been identified. Submitted June 1, 2007.

- RFI Soil Gas Sampling 100%

Objective is to allow for verifying the appropriateness of the groundwater vapor intrusion criteria that have been used to guide the RFI field investigation at the Site. A work plan addendum was submitted to USEPA on July 10, 2007. A conference call was held with USEPA to discuss the work plan, and the work plan was subsequently revised. USEPA's comments were incorporated, and the work plan addendum was resubmitted to USEPA. Soil gas monitoring ports were installed in the residential area east of the Site on August 7, 2007, and soil gas samples were collected on August 13, 2007. Preliminary soil gas analytical results were submitted to USEPA on August 28, 2007, and a conference call was held to discuss those results on August 30, 2007. Additional soil gas sampling ports were installed on September 4, 2007, and additional soil gas samples were collected on September 17, 2007. The preliminary analytical results from the second sampling event were submitted to USEPA on September 27, 2007. USEPA provided comments on the preliminary data in a letter dated October 2, 2007. The comment letter and results were discussed during an October 16, 2007, conference call. Additional risk evaluation was completed and submitted to USEPA on October 30, 2007, and a conference call to discuss the additional information was held on November 28, 2007. General Motors Company's (GM's) response to USEPA's October 2, 2007 comment letter was submitted to USEPA on December 3, 2007.

- Soil Gas Investigation Data Report 100%

The final soil gas investigation data report was submitted to USEPA on December 21, 2007.

- RFI Phase IV Implementation 100%

Objectives are to further characterize on-site soil impacts in the former south manufacturing building, to characterize the groundwater flow, and to delineate the horizontal and vertical extent of cis-1,2-DCE in the groundwater in the bedrock.

A total of 62 soil borings were advanced from August 29, 2007 to September 5, 2007 within and in the vicinity of the former north and south manufacturing buildings. These were field screened. Soil samples were collected based on field observations, and a total of 31 soil samples were submitted for laboratory analysis. An additional 26 soil borings were advanced from November 19, 2007 to November 20, 2007 to delineate TCE within, and in the vicinity of the north and south manufacturing buildings. A total of 60 soil samples were submitted for laboratory analysis. An additional 14 soil borings were advanced on January 15, 2008, to delineate TCE within, and in the vicinity of the north and south manufacturing buildings. A total of 15 soil samples were submitted for laboratory analysis. Based on review of these data, TCE is adequately delineated.

Installation of the pilot bedrock boring, packer testing, Flexible Liner Underground Technologies (FLUTe) hydraulic profiling, discrete low-flow vertical groundwater sampling, and isolated groundwater sampling was completed between August 20, 2007, and December 8, 2007. A preliminary report of the results from the pilot bedrock boring was submitted to USEPA on November 16, 2007. An updated report was submitted to USEPA on March 21, 2008. Three additional bedrock monitoring wells were installed in the upper transmissive zone from December 4, 2007 to December 15, 2007. Installation of the additional three deeper bedrock boreholes was completed from April 14, 2008, to May 1, 2008. FLUTe hydraulic profiling of the bedrock boreholes was completed from May 13, 2008, to May 15, 2008. The technical memo with the results of the profiling was submitted to USEPA on July 10, 2008. Discrete depth vertical groundwater sampling (packer sampling) of select intervals in the boreholes was completed in the third quarter 2008. An updated technical memo to summarize the data, and provide recommendations for future groundwater sampling was prepared and submitted to USEPA on October 20, 2008. A groundwater sampling event was completed in November 2008 that included collecting depth to water information across the entire monitoring well network, collecting samples from a subset of approximately 30 existing wells, and discrete depth vertical groundwater sampling (packer sampling) of select intervals in the boreholes; all to confirm the characterization of contaminated groundwater on and off site.

- RFI Supplemental Data Report (updated to include Phase IV soil data) 100%

Major findings included a more complete characterization of on-site soil impacts at AOIs 2 and 3 and the former north and south manufacturing buildings. In addition, the Phase IV soil results were evaluated relative to the determination included in the CA725 Report for the Former GM Delco Plant 5 Facility in Kokomo, Indiana, completed by ENVIRON in 2007, that all current human exposures to "contamination" at or from the Facility are under control, based on soil data collected prior to September 1, 2007. The evaluation of the Phase IV soil data indicated that results do not alter the conclusions presented in the CA725 Report or the "YE" determination for the CA725. Submitted June 27, 2008.

- Groundwater Evaluation 100%

A draft groundwater evaluation was prepared to report GM's evaluation of groundwater quality and flow data collected through February 2009. Submitted to USEPA on April 10, 2009. This evaluation will be included in the RFI Report. A meeting was held with USEPA on May 19, 2009 to discuss the evaluation and proposed additional investigation.

- Additional Groundwater Investigation 100%

Groundwater sampling completed June 17 through 19, 2009.

- Draft RFI Report 100%

(Submitted October 5, 2009)
A meeting was held with USEPA on October 27, 2009, to review the draft report. USEPA provided comments on the human health risk assessment on December 22, 2009. A call was held with USEPA on February 22, 2010, to discuss USPEA's comments on the RFI risk assessment. Based on that call, a revised RFI Report was submitted to USEPA for review on March 18, 2010.

- Final RFI Report 100%

The final RFI Report was submitted to USEPA on May 21, 2010.

- Human Health EI (CA725) Report 100%

(Submitted November 30, 2007)
Minor comments were received from USEPA on December 12, 2007, and revisions submitted on December 20, 2007. USEPA approved the determination on January 3, 2008.

- Groundwater Migration EI (CA750) 100%

(Submitted November 30, 2009)
A draft determination was submitted to USEPA on October 30, 2009, and was reviewed with USEPA via teleconference on November 12, 2009. The final determination was submitted to USEPA on November 30, 2009. USEPA approved the determination on December 22, 2009.

- Draft Corrective Measures Proposal 100%

(Originally due June 30, 2010, Revised due date of August 31, 2010, Submitted on August 30, 2010)
Motors Liquidation Company (MLC), formerly GM, requested an extension to submit the Corrective Measures Proposal (CMP) on June 22, 2010. USEPA agreed to extend the submittal date for the CMP to August 31, 2010. The draft CMP was submitted to USEPA on August 30, 2010. The draft CMP included proposed corrective measures to mitigate potentially significant future exposures that could result from historical site activities. The draft CMP also included documentation of groundwater modeling performed to support the identification of the area(s) where a groundwater use restriction should be pursued as part of final corrective measures. USEPA and MLC met on November 17, 2010, to discuss the draft CMP. Based on that meeting, MLC prepared and submitted additional information to USEPA on December 23, 2010. USEPA provided comments on the draft CMP on January 7, 2011. Based on the comments, additional evaluation was completed, and the results of that evaluation were submitted to USEPA. A conference call with USEPA was held on February 18, 2011, to discuss the comments and the results of the additional evaluation. April 30, 2011 was the established due date for revised CMP that addresses USEPA comments.

- Corrective Measures Proposal 80%

(The Final CMP was submitted to USEPA on December 6, 2011. Based on change in conceptual site model, a revised draft CMP was prepared in 2017.)

The vertical aquifer profiling and hydraulic profiling investigation conducted in 2016 allowed for the development of a refined conceptual site model for the Site. Subsequently, a new CMP is being prepared to summarize activities and data since the RFI, update the risk evaluation, and evaluate proposed remedial alternatives.

- Semi-Annual Groundwater Monitoring 30%

The first of the semi-annual groundwater monitoring events was completed on October 28, 2010.

- Vapor Intrusion Conceptual Site Model 100%

A revised version of the Conceptual Site Model (CSM) was reviewed with USEPA on December 10, 2013. Out of the review, the USEPA and RACER Trust, formerly MLC, concluded that additional data are needed to finalize the CSM. As such, RACER Trust is developing an approach to further investigate the risk of vapor intrusion associated with Site-related groundwater impacts. RACER Trust also informed USEPA that the Trust will work with USEPA to address public health concerns within the soil gas focus area. Data from a further vapor intrusion investigation and indoor air testing program were shared with USEPA on March 31, 2014. USEPA concurred that the soil gas and indoor air impacts identified to the east of the Site are not related to RACER Trust. USEPA has referred the soil gas and potential vapor intrusion issue to the east of the Site to Superfund for further evaluation. Per a request by the USEPA, ARCADIS will convert the current CSM from a presentation format into a written document format for submittal into the record. The Vapor Intrusion Conceptual Site Model was finalized and submitted to USEPA on October 19, 2015.

- Monitored Natural Attenuation Evaluation 100%

An evaluation of MNA was completed to determine if MNA could be incorporated into the final corrective measures for the Site. The MNA evaluation report was submitted to USEPA on January 19, 2016.

- Calcium Oxide Pilot Study 100%

A Work Plan for the pilot study was drafted and submitted to USEPA (June 30, 2015). An RFP was prepared and submitted to a selection of contractors (August 8, 2015). The evaluation of remedial technologies is currently on hold until additional data is collected to further enhance the conceptual site model. This additional data collection includes the completion of a vertical aquifer and hydraulic profiling transect along the eastern property boundary. RACER Trust and USEPA made the decision to re-evaluate the corrective measures and RACER Trust will prepare a new CMP to capture all data and information generated since the last submitted CMP, as described above.

SUMMARY OF CONTACTS WITH INTERESTED PARTIES

- The following documents were placed in the public information repository:

- *Semi-Annual Progress and Data Report, First Half 2017,* Former GM Delco Plant 5, Kokomo, IN, USEPA ID No. IND000806844, July 14, 2017
- .

CHANGES IN PERSONNEL

- None.

PROJECTED WORK FOR NEXT REPORTING PERIOD

The following activities are anticipated to be completed in the first half of 2018:

- EPA and RACER Trust to meet and discuss cleanup objectives for groundwater at and near the site.
- Finalize and submit the *Corrective Measures Proposal*.
- Complete a site-wide groundwater gauging and sampling event in March 2018.
- Prepare summaries of meetings, data reviews, or conference calls with USEPA, as appropriate.

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APPENDIX B

Groundwater Analytical Reports and Data Validation Reports (Provided on CD)

Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 50180760

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

October 11, 2017

Ms. Sarah Jonker
Arcadis
132 E Washington Street
Suite 600
Indianapolis, IN 46204

RE: Project: Kokomo Racer
Pace Project No.: 50180760

Dear Ms. Jonker:
Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kelly M Jones

Kelly Jones
kelly.jones@pacelabs.com
(317)228-3100
Project Manager

Enclosures

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Pace Analytical Services, LLC
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(317)228-3100

CERTIFICATIONS

Project: Kokomo Racer
Pace Project No.: 50180760

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 003971
Indiana Certification #: C-49-06
Kansas/NELAP Certification #:E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #:98019
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2017-124
Texas Certification #: T104704355-17-11
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-16-00257

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Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Kokomo Racer
Pace Project No.: 50180760

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50180760001	Trip Blank	Water	09/27/17 08:00	09/28/17 07:50
50180760002	MW-0617-S1 (092717)	Water	09/27/17 11:19	09/28/17 07:50
50180760003	MW-0506-S1 (092717)	Water	09/27/17 11:37	09/28/17 07:50
50180760004	EB-1 (092717)	Water	09/27/17 11:40	09/28/17 07:50
50180760005	MW-0507-S1 (0-2717)	Water	09/27/17 11:47	09/28/17 07:50
50180760006	MW-0503-S1 (0-2717)	Water	09/27/17 11:55	09/28/17 07:50
50180760007	MW-0604-S1 (092717)	Water	09/27/17 12:15	09/28/17 07:50
50180760008	MW-0504-S1 (092717)	Water	09/27/17 12:21	09/28/17 07:50
50180760009	MW-0517-S1 (092717)	Water	09/27/17 12:32	09/28/17 07:50
50180760010	FD-1 (092717)	Water	09/27/17 08:00	09/28/17 07:50
50180760011	MW-0101-S1U (092717)	Water	09/27/17 12:45	09/28/17 07:50
50180760012	MW-0502-S1 (092717)	Water	09/27/17 12:53	09/28/17 07:50
50180760013	MW-0505-S1 (092717)	Water	09/27/17 13:05	09/28/17 07:50
50180760014	MW-0621-S1 (092717)	Water	09/27/17 13:16	09/28/17 07:50
50180760015	MW-0605-S1 (092717)	Water	09/27/17 13:25	09/28/17 07:50
50180760016	MW-0620-S1 (092717)	Water	09/27/17 13:37	09/28/17 07:50
50180760017	MW-0102-S1U (092717)	Water	09/27/17 13:48	09/28/17 07:50
50180760018	MW-0619-S1 (092717)	Water	09/27/17 14:03	09/28/17 07:50
50180760019	MW-0622-S1 (092717)	Water	09/27/17 14:12	09/28/17 07:50
50180760020	FD-2 (092717)	Water	09/27/17 08:00	09/28/17 07:50
50180760021	MW-0623-S1 (092717)	Water	09/27/17 14:30	09/28/17 07:50
50180760022	MW-0103-S1U (092717)	Water	09/27/17 14:42	09/28/17 07:50
50180760023	MW-0509-S1 (092717)	Water	09/27/17 14:51	09/28/17 07:50
50180760024	MW-0501-S1 (092717)	Water	09/27/17 15:00	09/28/17 07:50
50180760025	MW-0603-S1 (092717)	Water	09/27/17 15:35	09/28/17 07:50
50180760026	MW-0516-S1 (092717)	Water	09/27/17 15:45	09/28/17 07:50
50180760027	MW-0618-S1 (092717)	Water	09/27/17 15:58	09/28/17 07:50
50180760028	MW-0613-S1 (092717)	Water	09/27/17 16:06	09/28/17 07:50
50180760029	EB-2 (092717)	Water	09/27/17 16:10	09/28/17 07:50
50180760030	MW-0607-S1 (092717)	Water	09/27/17 16:20	09/28/17 07:50
50180760031	MW-0612-S1 (092717)	Water	09/27/17 16:28	09/28/17 07:50
50180760032	MW-0606-S1 (092717)	Water	09/27/17 16:36	09/28/17 07:50
50180760033	MW-0704-S1 (092717)	Water	09/27/17 16:43	09/28/17 07:50
50180760034	MW-0705-S1 (092717)	Water	09/27/17 16:51	09/28/17 07:50
50180760035	MW-0608-S1 (092717)	Water	09/27/17 16:59	09/28/17 07:50
50180760036	MW-0609-S1 (092717)	Water	09/27/17 17:08	09/28/17 07:50
50180760037	MW-0610-S1 (092717)	Water	09/27/17 17:21	09/28/17 07:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Kokomo Racer
Pace Project No.: 50180760

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50180760038	**MW-0602-S1 (092717)**	Water	09/27/17 17:29	09/28/17 07:50

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SAMPLE ANALYTE COUNT

Project: Kokomo Racer
Pace Project No.: 50180760

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50180760001	Trip Blank	EPA 8260	JLZ	51
50180760002	MW-0617-S1 (092717)	EPA 8260	JLZ	51
50180760003	MW-0506-S1 (092717)	EPA 8260	JLZ	51
50180760004	EB-1 (092717)	EPA 8260	JLZ	51
50180760005	MW-0507-S1 (0-2717)	EPA 8260	JLZ	51
50180760006	MW-0503-S1 (0-2717)	EPA 8260	JLZ	51
50180760007	MW-0604-S1 (092717)	EPA 8260	JLZ	51
50180760008	MW-0504-S1 (092717)	EPA 8260	JLZ	51
50180760009	MW-0517-S1 (092717)	EPA 8260	JLZ	51
50180760010	FD-1 (092717)	EPA 8260	JLZ	51
50180760011	MW-0101-S1U (092717)	EPA 8260	JLZ	51
50180760012	MW-0502-S1 (092717)	EPA 8260	JLZ	51
50180760013	MW-0505-S1 (092717)	EPA 8260	JLZ	51
50180760014	MW-0621-S1 (092717)	EPA 8260	JLZ	51
50180760015	MW-0605-S1 (092717)	EPA 8260	JLZ	51
50180760016	MW-0620-S1 (092717)	EPA 8260	JLZ	51
50180760017	MW-0102-S1U (092717)	EPA 8260	JLZ	51
50180760018	MW-0619-S1 (092717)	EPA 8260	JLZ	51
50180760019	MW-0622-S1 (092717)	EPA 8260	JLZ	51
50180760020	FD-2 (092717)	EPA 8260	JLZ	51
50180760021	MW-0623-S1 (092717)	EPA 8260	JLZ	51
50180760022	MW-0103-S1U (092717)	EPA 8260	JLZ	51
50180760023	MW-0509-S1 (092717)	EPA 8260	JLZ	51
50180760024	MW-0501-S1 (092717)	EPA 8260	JLZ	51
50180760025	MW-0603-S1 (092717)	EPA 8260	JLZ	51
50180760026	MW-0516-S1 (092717)	EPA 8260	JLZ	51
50180760027	MW-0618-S1 (092717)	EPA 8260	JLZ	51
50180760028	MW-0613-S1 (092717)	EPA 8260	JLZ	51
50180760029	EB-2 (092717)	EPA 8260	JLZ	51
50180760030	MW-0607-S1 (092717)	EPA 8260	JLZ	51
50180760031	MW-0612-S1 (092717)	EPA 8260	JLZ	51
50180760032	MW-0606-S1 (092717)	EPA 8260	JLZ	51
50180760033	MW-0704-S1 (092717)	EPA 8260	JLZ	51
50180760034	MW-0705-S1 (092717)	EPA 8260	JLZ	51
50180760035	MW-0608-S1 (092717)	EPA 8260	JLZ	51
50180760036	MW-0609-S1 (092717)	EPA 8260	JLZ	51
50180760037	MW-0610-S1 (092717)	EPA 8260	JLZ	51

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SAMPLE ANALYTE COUNT

Project: Kokomo Racer
Pace Project No.: 50180760

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50180760038	**MW-0602-S1 (092717)**	EPA 8260	JLZ	51

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SUMMARY OF DETECTION

Project: Kokomo Racer
Pace Project No.: 50180760

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50180760005	**MW-0507-S1 (0-2717)**					
EPA 8260	1,1-Dichloroethane	21.1	ug/L	5.0	10/10/17 20:56	C0
EPA 8260	cis-1,2-Dichloroethene	53.9	ug/L	5.0	10/10/17 20:56	
EPA 8260	1,1,1-Trichloroethane	9.6	ug/L	5.0	10/10/17 20:56	
50180760007	**MW-0604-S1 (092717)**					
EPA 8260	1,1-Dichloroethene	5.1	ug/L	5.0	10/06/17 04:48	
EPA 8260	cis-1,2-Dichloroethene	1260	ug/L	125	10/09/17 20:22	
EPA 8260	trans-1,2-Dichloroethene	101	ug/L	5.0	10/06/17 04:48	
EPA 8260	Trichloroethene	3870	ug/L	125	10/09/17 20:22	
EPA 8260	Vinyl chloride	34.4	ug/L	2.0	10/06/17 04:48	
50180760008	**MW-0504-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	714	ug/L	25.0	10/06/17 05:20	
EPA 8260	trans-1,2-Dichloroethene	108	ug/L	25.0	10/06/17 05:20	
EPA 8260	Trichloroethene	2520	ug/L	250	10/09/17 20:54	
EPA 8260	Vinyl chloride	13.3	ug/L	10.0	10/06/17 05:20	
50180760009	**MW-0517-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	43.3	ug/L	5.0	10/10/17 16:41	
EPA 8260	trans-1,2-Dichloroethene	25.1	ug/L	5.0	10/10/17 16:41	
EPA 8260	Trichloroethene	130	ug/L	5.0	10/10/17 16:41	
50180760010	**FD-1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	44.9	ug/L	5.0	10/10/17 17:13	
EPA 8260	trans-1,2-Dichloroethene	25.2	ug/L	5.0	10/10/17 17:13	
EPA 8260	Trichloroethene	127	ug/L	5.0	10/10/17 17:13	
50180760011	**MW-0101-S1U (092717)**					
EPA 8260	cis-1,2-Dichloroethene	8670	ug/L	500	10/06/17 06:56	
EPA 8260	Vinyl chloride	268	ug/L	200	10/06/17 06:56	
50180760014	**MW-0621-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	220	ug/L	5.0	10/06/17 08:32	
EPA 8260	trans-1,2-Dichloroethene	29.5	ug/L	5.0	10/06/17 08:32	
EPA 8260	Trichloroethene	2010	ug/L	50.0	10/10/17 07:32	
50180760015	**MW-0605-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	14.3	ug/L	5.0	10/10/17 13:29	
EPA 8260	Trichloroethene	992	ug/L	125	10/10/17 08:04	
50180760016	**MW-0620-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	369	ug/L	125	10/10/17 08:36	
EPA 8260	Trichloroethene	823	ug/L	125	10/10/17 08:36	
50180760017	**MW-0102-S1U (092717)**					
EPA 8260	cis-1,2-Dichloroethene	1310	ug/L	25.0	10/06/17 00:15	
EPA 8260	trans-1,2-Dichloroethene	112	ug/L	25.0	10/06/17 00:15	
EPA 8260	Trichloroethene	3470	ug/L	250	10/10/17 09:08	
EPA 8260	Vinyl chloride	17.9	ug/L	10.0	10/06/17 00:15	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SUMMARY OF DETECTION

Project: Kokomo Racer
Pace Project No.: 50180760

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50180760018	**MW-0619-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	114	ug/L	5.0	10/06/17 00:47	
EPA 8260	trans-1,2-Dichloroethene	8.0	ug/L	5.0	10/06/17 00:47	
EPA 8260	Trichloroethene	818	ug/L	25.0	10/10/17 09:40	
50180760019	**MW-0622-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	1290	ug/L	100	10/06/17 01:19	
EPA 8260	Trichloroethene	10300	ug/L	1000	10/10/17 18:17	
50180760020	**FD-2 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	1300	ug/L	100	10/06/17 01:51	
EPA 8260	Trichloroethene	7690	ug/L	1000	10/10/17 18:49	
50180760022	**MW-0103-S1U (092717)**					
EPA 8260	Trichloroethene	5.5	ug/L	5.0	10/06/17 02:55	
50180760031	**MW-0612-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	100	ug/L	25.0	10/06/17 08:48	
EPA 8260	Trichloroethene	674	ug/L	25.0	10/06/17 08:48	
50180760032	**MW-0606-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	250	ug/L	5.0	10/06/17 09:20	
EPA 8260	trans-1,2-Dichloroethene	51.0	ug/L	5.0	10/06/17 09:20	
EPA 8260	Trichloroethene	1470	ug/L	125	10/10/17 19:21	
50180760033	**MW-0704-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	614	ug/L	25.0	10/06/17 09:52	
EPA 8260	trans-1,2-Dichloroethene	83.0	ug/L	25.0	10/06/17 09:52	
EPA 8260	Trichloroethene	2150	ug/L	250	10/10/17 19:52	
50180760034	**MW-0705-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	39.1	ug/L	5.0	10/10/17 14:01	
EPA 8260	trans-1,2-Dichloroethene	10.1	ug/L	5.0	10/10/17 14:01	
EPA 8260	Trichloroethene	107	ug/L	5.0	10/10/17 14:01	
EPA 8260	Vinyl chloride	3.3	ug/L	2.0	10/10/17 14:01	
50180760035	**MW-0608-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	427	ug/L	25.0	10/10/17 20:24	
EPA 8260	trans-1,2-Dichloroethene	44.0	ug/L	5.0	10/10/17 14:33	
EPA 8260	Vinyl chloride	5.1	ug/L	2.0	10/10/17 14:33	
50180760036	**MW-0609-S1 (092717)**					
EPA 8260	cis-1,2-Dichloroethene	147	ug/L	5.0	10/10/17 15:05	
EPA 8260	trans-1,2-Dichloroethene	8.1	ug/L	5.0	10/10/17 15:05	
EPA 8260	Vinyl chloride	15.0	ug/L	2.0	10/10/17 15:05	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: Trip Blank **Lab ID: 50180760001** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 09:04	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 09:04	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 09:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 09:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 09:04	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 09:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 09:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 09:04	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 09:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 09:04	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 09:04	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 09:04	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 09:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 09:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 09:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 09:04	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 09:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 09:04	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 09:04	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 09:04	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 09:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 09:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 09:04	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 09:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 09:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 09:04	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 09:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 09:04	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 09:04	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: Trip Blank **Lab ID: 50180760001** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 09:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 09:04	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 09:04	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 09:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0617-S1 (092717) **Lab ID: 50180760002** Collected: 09/27/17 11:19 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 01:04	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 01:04	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 01:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 01:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 01:04	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 01:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 01:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 01:04	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 01:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 01:04	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 01:04	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 01:04	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 01:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 01:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 01:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 01:04	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 01:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 01:04	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 01:04	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 01:04	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 01:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 01:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 01:04	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 01:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 01:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 01:04	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 01:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 01:04	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 01:04	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0617-S1 (092717) **Lab ID: 50180760002** Collected: 09/27/17 11:19 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 01:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 01:04	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 01:04	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 01:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0506-S1 (092717) **Lab ID: 50180760003** Collected: 09/27/17 11:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 01:36	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 01:36	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 01:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 01:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 01:36	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 01:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 01:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 01:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 01:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 01:36	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 01:36	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 01:36	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 01:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 01:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 01:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 01:36	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 01:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 01:36	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 01:36	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 01:36	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 01:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 01:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 01:36	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 01:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 01:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 01:36	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 01:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 01:36	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 01:36	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0506-S1 (092717) **Lab ID: 50180760003** Collected: 09/27/17 11:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 01:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 01:36	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 01:36	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/06/17 01:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-1 (092717) **Lab ID: 50180760004** Collected: 09/27/17 11:40 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:07	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 02:07	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:07	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 02:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:07	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 02:07	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:07	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:07	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:07	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:07	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:07	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:07	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:07	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:07	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:07	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-1 (092717) **Lab ID: 50180760004** Collected: 09/27/17 11:40 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 02:07	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 02:07	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 02:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0507-S1 (0-2717) **Lab ID: 50180760005** Collected: 09/27/17 11:47 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 20:56	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 20:56	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 20:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 20:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 20:56	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 20:56	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 20:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 20:56	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 20:56	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 20:56	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 20:56	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 20:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-71-8	
1,1-Dichloroethane	**21.1**	ug/L	5.0	1		10/10/17 20:56	75-34-3	C0
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	75-35-4	
cis-1,2-Dichloroethene	**53.9**	ug/L	5.0	1		10/10/17 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 20:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 20:56	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 20:56	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 20:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 20:56	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 20:56	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 20:56	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 20:56	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 20:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 20:56	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 20:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	120-82-1	
1,1,1-Trichloroethane	**9.6**	ug/L	5.0	1		10/10/17 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 20:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 20:56	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 20:56	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0507-S1 (0-2717) **Lab ID: 50180760005** Collected: 09/27/17 11:47 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 20:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 20:56	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 20:56	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 20:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0503-S1 (0-2717) **Lab ID: 50180760006** Collected: 09/27/17 11:55 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:11	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 03:11	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:11	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 03:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:11	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 03:11	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:11	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:11	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:11	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:11	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:11	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:11	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:11	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:11	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:11	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:11	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:11	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0503-S1 (0-2717) **Lab ID: 50180760006** Collected: 09/27/17 11:55 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 03:11	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 03:11	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 03:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0604-S1 (092717) **Lab ID: 50180760007** Collected: 09/27/17 12:15 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 04:48	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 04:48	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 04:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 04:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 04:48	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 04:48	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 04:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 04:48	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 04:48	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 04:48	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 04:48	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 04:48	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 04:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	107-06-2	
1,1-Dichloroethene	**5.1**	ug/L	5.0	1		10/06/17 04:48	75-35-4	
cis-1,2-Dichloroethene	**1260**	ug/L	125	25		10/09/17 20:22	156-59-2	
trans-1,2-Dichloroethene	**101**	ug/L	5.0	1		10/06/17 04:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 04:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 04:48	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 04:48	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 04:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 04:48	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 04:48	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 04:48	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 04:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 04:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 04:48	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 04:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 04:48	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 04:48	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 04:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	79-00-5	
Trichloroethene	**3870**	ug/L	125	25		10/09/17 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 04:48	76-13-1	
Vinyl chloride	**34.4**	ug/L	2.0	1		10/06/17 04:48	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0604-S1 (092717) **Lab ID: 50180760007** Collected: 09/27/17 12:15 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 04:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 04:48	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 04:48	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 04:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0504-S1 (092717) **Lab ID: 50180760008** Collected: 09/27/17 12:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 05:20	67-64-1	
Benzene	ND	ug/L	25.0	5		10/06/17 05:20	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 05:20	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 05:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 05:20	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 05:20	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 05:20	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 05:20	75-00-3	
Chloroform	ND	ug/L	25.0	5		10/06/17 05:20	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 05:20	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 05:20	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 05:20	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 05:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 05:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 05:20	75-35-4	
cis-1,2-Dichloroethene	**714**	ug/L	25.0	5		10/06/17 05:20	156-59-2	
trans-1,2-Dichloroethene	**108**	ug/L	25.0	5		10/06/17 05:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 05:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 05:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 05:20	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 05:20	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 05:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 05:20	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 05:20	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 05:20	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 05:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 05:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 05:20	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 05:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 05:20	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 05:20	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 05:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	79-00-5	
Trichloroethene	**2520**	ug/L	250	50		10/09/17 20:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 05:20	76-13-1	
Vinyl chloride	**13.3**	ug/L	10.0	5		10/06/17 05:20	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0504-S1 (092717) **Lab ID: 50180760008** Collected: 09/27/17 12:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 05:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	5		10/06/17 05:20	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	5		10/06/17 05:20	460-00-4	
Toluene-d8 (S)	97	%.	86-111	5		10/06/17 05:20	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0517-S1 (092717) **Lab ID: 50180760009** Collected: 09/27/17 12:32 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 16:41	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 16:41	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 16:41	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 16:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 16:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 16:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 16:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 16:41	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 16:41	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 16:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:41	75-35-4	
cis-1,2-Dichloroethene	**43.3**	ug/L	5.0	1		10/10/17 16:41	156-59-2	
trans-1,2-Dichloroethene	**25.1**	ug/L	5.0	1		10/10/17 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 16:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 16:41	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 16:41	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 16:41	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 16:41	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 16:41	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 16:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 16:41	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 16:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	79-00-5	
Trichloroethene	**130**	ug/L	5.0	1		10/10/17 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 16:41	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 16:41	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0517-S1 (092717) **Lab ID: 50180760009** Collected: 09/27/17 12:32 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 16:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/10/17 16:41	1868-53-7	
4-Bromofluorobenzene (S)	90	%.	84-113	1		10/10/17 16:41	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/10/17 16:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-1 (092717) **Lab ID: 50180760010** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 17:13	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 17:13	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 17:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 17:13	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 17:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 17:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 17:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 17:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 17:13	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 17:13	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 17:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:13	75-35-4	
cis-1,2-Dichloroethene	**44.9**	ug/L	5.0	1		10/10/17 17:13	156-59-2	
trans-1,2-Dichloroethene	**25.2**	ug/L	5.0	1		10/10/17 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 17:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 17:13	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 17:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 17:13	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 17:13	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 17:13	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 17:13	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 17:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 17:13	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 17:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	79-00-5	
Trichloroethene	**127**	ug/L	5.0	1		10/10/17 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 17:13	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 17:13	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-1 (092717) **Lab ID: 50180760010** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 17:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 17:13	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 17:13	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/10/17 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0101-S1U (092717) **Lab ID: 50180760011** Collected: 09/27/17 12:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10000	100		10/06/17 06:56	67-64-1	
Benzene	ND	ug/L	500	100		10/06/17 06:56	71-43-2	
Bromodichloromethane	ND	ug/L	500	100		10/06/17 06:56	75-27-4	
Bromoform	ND	ug/L	500	100		10/06/17 06:56	75-25-2	
Bromomethane	ND	ug/L	500	100		10/06/17 06:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	2500	100		10/06/17 06:56	78-93-3	
Carbon disulfide	ND	ug/L	1000	100		10/06/17 06:56	75-15-0	
Carbon tetrachloride	ND	ug/L	500	100		10/06/17 06:56	56-23-5	
Chlorobenzene	ND	ug/L	500	100		10/06/17 06:56	108-90-7	
Chloroethane	ND	ug/L	500	100		10/06/17 06:56	75-00-3	
Chloroform	ND	ug/L	500	100		10/06/17 06:56	67-66-3	
Chloromethane	ND	ug/L	500	100		10/06/17 06:56	74-87-3	
Cyclohexane	ND	ug/L	10000	100		10/06/17 06:56	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	1000	100		10/06/17 06:56	96-12-8	
Dibromochloromethane	ND	ug/L	500	100		10/06/17 06:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	500	100		10/06/17 06:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	500	100		10/06/17 06:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	500	100		10/06/17 06:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	500	100		10/06/17 06:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	100		10/06/17 06:56	75-35-4	
cis-1,2-Dichloroethene	**8670**	ug/L	500	100		10/06/17 06:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	500	100		10/06/17 06:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	500	100		10/06/17 06:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	500	100		10/06/17 06:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	500	100		10/06/17 06:56	10061-02-6	
Ethylbenzene	ND	ug/L	500	100		10/06/17 06:56	100-41-4	
2-Hexanone	ND	ug/L	2500	100		10/06/17 06:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	500	100		10/06/17 06:56	98-82-8	
Methyl acetate	ND	ug/L	5000	100		10/06/17 06:56	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	5000	100		10/06/17 06:56	108-87-2	N2
Methylene Chloride	ND	ug/L	500	100		10/06/17 06:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	100		10/06/17 06:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	400	100		10/06/17 06:56	1634-04-4	
Styrene	ND	ug/L	500	100		10/06/17 06:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	100		10/06/17 06:56	79-34-5	
Tetrachloroethene	ND	ug/L	500	100		10/06/17 06:56	127-18-4	
Toluene	ND	ug/L	500	100		10/06/17 06:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	500	100		10/06/17 06:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	500	100		10/06/17 06:56	79-00-5	
Trichloroethene	ND	ug/L	500	100		10/06/17 06:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	500	100		10/06/17 06:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	500	100		10/06/17 06:56	76-13-1	
Vinyl chloride	**268**	ug/L	200	100		10/06/17 06:56	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0101-S1U (092717) **Lab ID: 50180760011** Collected: 09/27/17 12:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	1000	100		10/06/17 06:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	100		10/06/17 06:56	1868-53-7	D4
4-Bromofluorobenzene (S)	95	%.	84-113	100		10/06/17 06:56	460-00-4	
Toluene-d8 (S)	98	%.	86-111	100		10/06/17 06:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0502-S1 (092717) **Lab ID: 50180760012** Collected: 09/27/17 12:53 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:28	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 07:28	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:28	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:28	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:28	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:28	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 07:28	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:28	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 07:28	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:28	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:28	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:28	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:28	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:28	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:28	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:28	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:28	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:28	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:28	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:28	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0502-S1 (092717) **Lab ID: 50180760012** Collected: 09/27/17 12:53 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 07:28	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 07:28	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 07:28	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0505-S1 (092717) **Lab ID: 50180760013** Collected: 09/27/17 13:05 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:00	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 08:00	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:00	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:00	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:00	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 08:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:00	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 08:00	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:00	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:00	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:00	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:00	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:00	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:00	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:00	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:00	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:00	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:00	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:00	75-01-4	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0505-S1 (092717) **Lab ID: 50180760013** Collected: 09/27/17 13:05 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 08:00	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 08:00	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 08:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0621-S1 (092717) **Lab ID: 50180760014** Collected: 09/27/17 13:16 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:32	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 08:32	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:32	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:32	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:32	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:32	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 08:32	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:32	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 08:32	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:32	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:32	75-35-4	
cis-1,2-Dichloroethene	**220**	ug/L	5.0	1		10/06/17 08:32	156-59-2	
trans-1,2-Dichloroethene	**29.5**	ug/L	5.0	1		10/06/17 08:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:32	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:32	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:32	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:32	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:32	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:32	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:32	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:32	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	79-00-5	
Trichloroethene	**2010**	ug/L	50.0	10		10/10/17 07:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:32	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:32	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0621-S1 (092717) **Lab ID: 50180760014** Collected: 09/27/17 13:16 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 08:32	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 08:32	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 08:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0605-S1 (092717) **Lab ID: 50180760015** Collected: 09/27/17 13:25 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 13:29	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 13:29	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 13:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 13:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 13:29	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 13:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 13:29	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 13:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 13:29	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 13:29	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 13:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 13:29	75-35-4	
cis-1,2-Dichloroethene	**14.3**	ug/L	5.0	1		10/10/17 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 13:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 13:29	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 13:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 13:29	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 13:29	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 13:29	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 13:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 13:29	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 13:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 13:29	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 13:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	79-00-5	
Trichloroethene	**992**	ug/L	125	25		10/10/17 08:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 13:29	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 13:29	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0605-S1 (092717) **Lab ID: 50180760015** Collected: 09/27/17 13:25 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 13:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/10/17 13:29	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/10/17 13:29	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0620-S1 (092717) **Lab ID: 50180760016** Collected: 09/27/17 13:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 17:45	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 17:45	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 17:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 17:45	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 17:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 17:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 17:45	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 17:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 17:45	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 17:45	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 17:45	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 17:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:45	75-35-4	
cis-1,2-Dichloroethene	**369**	ug/L	125	25		10/10/17 08:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 17:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 17:45	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 17:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 17:45	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 17:45	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 17:45	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 17:45	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 17:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 17:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 17:45	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 17:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	79-00-5	
Trichloroethene	**823**	ug/L	125	25		10/10/17 08:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 17:45	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 17:45	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0620-S1 (092717) **Lab ID: 50180760016** Collected: 09/27/17 13:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 17:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/10/17 17:45	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/10/17 17:45	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/10/17 17:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0102-S1U (092717) **Lab ID: 50180760017** Collected: 09/27/17 13:48 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 00:15	67-64-1	
Benzene	ND	ug/L	25.0	5		10/06/17 00:15	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 00:15	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 00:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 00:15	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 00:15	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 00:15	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 00:15	75-00-3	
Chloroform	ND	ug/L	25.0	5		10/06/17 00:15	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 00:15	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 00:15	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 00:15	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 00:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 00:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 00:15	75-35-4	
cis-1,2-Dichloroethene	**1310**	ug/L	25.0	5		10/06/17 00:15	156-59-2	
trans-1,2-Dichloroethene	**112**	ug/L	25.0	5		10/06/17 00:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 00:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 00:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 00:15	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 00:15	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 00:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 00:15	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 00:15	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 00:15	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 00:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 00:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 00:15	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 00:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 00:15	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 00:15	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 00:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	79-00-5	
Trichloroethene	**3470**	ug/L	250	50		10/10/17 09:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 00:15	76-13-1	
Vinyl chloride	**17.9**	ug/L	10.0	5		10/06/17 00:15	75-01-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0102-S1U (092717) **Lab ID: 50180760017** Collected: 09/27/17 13:48 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 00:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	5		10/06/17 00:15	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	5		10/06/17 00:15	460-00-4	
Toluene-d8 (S)	99	%.	86-111	5		10/06/17 00:15	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0619-S1 (092717) **Lab ID: 50180760018** Collected: 09/27/17 14:03 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 00:47	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 00:47	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 00:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 00:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 00:47	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 00:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 00:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 00:47	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 00:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 00:47	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 00:47	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 00:47	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 00:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 00:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 00:47	75-35-4	
cis-1,2-Dichloroethene	**114**	ug/L	5.0	1		10/06/17 00:47	156-59-2	
trans-1,2-Dichloroethene	**8.0**	ug/L	5.0	1		10/06/17 00:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 00:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 00:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 00:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 00:47	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 00:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 00:47	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 00:47	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 00:47	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 00:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 00:47	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 00:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 00:47	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 00:47	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 00:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	79-00-5	
Trichloroethene	**818**	ug/L	25.0	5		10/10/17 09:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 00:47	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 00:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0619-S1 (092717) **Lab ID: 50180760018** Collected: 09/27/17 14:03 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 00:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	1		10/06/17 00:47	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 00:47	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 00:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0622-S1 (092717) **Lab ID: 50180760019** Collected: 09/27/17 14:12 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2000	20		10/06/17 01:19	67-64-1	
Benzene	ND	ug/L	100	20		10/06/17 01:19	71-43-2	
Bromodichloromethane	ND	ug/L	100	20		10/06/17 01:19	75-27-4	
Bromoform	ND	ug/L	100	20		10/06/17 01:19	75-25-2	
Bromomethane	ND	ug/L	100	20		10/06/17 01:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		10/06/17 01:19	78-93-3	
Carbon disulfide	ND	ug/L	200	20		10/06/17 01:19	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		10/06/17 01:19	56-23-5	
Chlorobenzene	ND	ug/L	100	20		10/06/17 01:19	108-90-7	
Chloroethane	ND	ug/L	100	20		10/06/17 01:19	75-00-3	
Chloroform	ND	ug/L	100	20		10/06/17 01:19	67-66-3	
Chloromethane	ND	ug/L	100	20		10/06/17 01:19	74-87-3	
Cyclohexane	ND	ug/L	2000	20		10/06/17 01:19	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	200	20		10/06/17 01:19	96-12-8	
Dibromochloromethane	ND	ug/L	100	20		10/06/17 01:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		10/06/17 01:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	20		10/06/17 01:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		10/06/17 01:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		10/06/17 01:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	20		10/06/17 01:19	75-35-4	
cis-1,2-Dichloroethene	**1290**	ug/L	100	20		10/06/17 01:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		10/06/17 01:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		10/06/17 01:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:19	10061-02-6	
Ethylbenzene	ND	ug/L	100	20		10/06/17 01:19	100-41-4	
2-Hexanone	ND	ug/L	500	20		10/06/17 01:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	100	20		10/06/17 01:19	98-82-8	
Methyl acetate	ND	ug/L	1000	20		10/06/17 01:19	79-20-9	N2
Methylcyclohexane	ND	ug/L	1000	20		10/06/17 01:19	108-87-2	N2
Methylene Chloride	ND	ug/L	100	20		10/06/17 01:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		10/06/17 01:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		10/06/17 01:19	1634-04-4	
Styrene	ND	ug/L	100	20		10/06/17 01:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		10/06/17 01:19	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		10/06/17 01:19	127-18-4	
Toluene	ND	ug/L	100	20		10/06/17 01:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		10/06/17 01:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		10/06/17 01:19	79-00-5	
Trichloroethene	**10300**	ug/L	1000	200		10/10/17 18:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		10/06/17 01:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	100	20		10/06/17 01:19	76-13-1	
Vinyl chloride	ND	ug/L	40.0	20		10/06/17 01:19	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0622-S1 (092717) **Lab ID: 50180760019** Collected: 09/27/17 14:12 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	200	20		10/06/17 01:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	20		10/06/17 01:19	1868-53-7	D4
4-Bromofluorobenzene (S)	92	%.	84-113	20		10/06/17 01:19	460-00-4	
Toluene-d8 (S)	98	%.	86-111	20		10/06/17 01:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-2 (092717) **Lab ID: 50180760020** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2000	20		10/06/17 01:51	67-64-1	
Benzene	ND	ug/L	100	20		10/06/17 01:51	71-43-2	
Bromodichloromethane	ND	ug/L	100	20		10/06/17 01:51	75-27-4	
Bromoform	ND	ug/L	100	20		10/06/17 01:51	75-25-2	
Bromomethane	ND	ug/L	100	20		10/06/17 01:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		10/06/17 01:51	78-93-3	
Carbon disulfide	ND	ug/L	200	20		10/06/17 01:51	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		10/06/17 01:51	56-23-5	
Chlorobenzene	ND	ug/L	100	20		10/06/17 01:51	108-90-7	
Chloroethane	ND	ug/L	100	20		10/06/17 01:51	75-00-3	
Chloroform	ND	ug/L	100	20		10/06/17 01:51	67-66-3	
Chloromethane	ND	ug/L	100	20		10/06/17 01:51	74-87-3	
Cyclohexane	ND	ug/L	2000	20		10/06/17 01:51	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	200	20		10/06/17 01:51	96-12-8	
Dibromochloromethane	ND	ug/L	100	20		10/06/17 01:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		10/06/17 01:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	20		10/06/17 01:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		10/06/17 01:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		10/06/17 01:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	20		10/06/17 01:51	75-35-4	
cis-1,2-Dichloroethene	**1300**	ug/L	100	20		10/06/17 01:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		10/06/17 01:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		10/06/17 01:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:51	10061-02-6	
Ethylbenzene	ND	ug/L	100	20		10/06/17 01:51	100-41-4	
2-Hexanone	ND	ug/L	500	20		10/06/17 01:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	100	20		10/06/17 01:51	98-82-8	
Methyl acetate	ND	ug/L	1000	20		10/06/17 01:51	79-20-9	N2
Methylcyclohexane	ND	ug/L	1000	20		10/06/17 01:51	108-87-2	N2
Methylene Chloride	ND	ug/L	100	20		10/06/17 01:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		10/06/17 01:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		10/06/17 01:51	1634-04-4	
Styrene	ND	ug/L	100	20		10/06/17 01:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		10/06/17 01:51	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		10/06/17 01:51	127-18-4	
Toluene	ND	ug/L	100	20		10/06/17 01:51	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		10/06/17 01:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		10/06/17 01:51	79-00-5	
Trichloroethene	**7690**	ug/L	1000	200		10/10/17 18:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		10/06/17 01:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	100	20		10/06/17 01:51	76-13-1	
Vinyl chloride	ND	ug/L	40.0	20		10/06/17 01:51	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-2 (092717) **Lab ID: 50180760020** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	200	20		10/06/17 01:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	20		10/06/17 01:51	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	20		10/06/17 01:51	460-00-4	
Toluene-d8 (S)	98	%.	86-111	20		10/06/17 01:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0623-S1 (092717) **Lab ID: 50180760021** Collected: 09/27/17 14:30 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:23	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 02:23	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:23	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:23	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 02:23	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:23	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 02:23	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:23	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:23	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:23	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:23	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:23	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:23	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:23	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:23	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:23	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:23	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0623-S1 (092717) **Lab ID: 50180760021** Collected: 09/27/17 14:30 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 02:23	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 02:23	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 02:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0103-S1U (092717) **Lab ID: 50180760022** Collected: 09/27/17 14:42 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:55	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 02:55	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:55	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:55	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 02:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:55	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 02:55	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:55	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:55	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:55	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:55	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:55	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:55	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:55	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	79-00-5	
Trichloroethene	**5.5**	ug/L	5.0	1		10/06/17 02:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:55	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:55	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0103-S1U (092717) **Lab ID: 50180760022** Collected: 09/27/17 14:42 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 02:55	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 02:55	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 02:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0509-S1 (092717) **Lab ID: 50180760023** Collected: 09/27/17 14:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:27	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 03:27	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:27	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:27	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:27	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:27	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 03:27	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:27	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 03:27	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:27	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:27	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:27	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:27	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:27	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:27	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:27	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:27	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:27	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:27	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0509-S1 (092717) **Lab ID: 50180760023** Collected: 09/27/17 14:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 03:27	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 03:27	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 03:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0501-S1 (092717) **Lab ID: 50180760024** Collected: 09/27/17 15:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:59	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 03:59	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:59	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:59	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:59	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 03:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:59	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 03:59	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:59	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:59	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:59	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:59	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:59	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:59	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:59	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:59	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:59	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:59	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:59	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0501-S1 (092717) **Lab ID: 50180760024** Collected: 09/27/17 15:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 03:59	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 03:59	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 03:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0603-S1 (092717) **Lab ID: 50180760025** Collected: 09/27/17 15:35 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 05:35	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 05:35	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 05:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 05:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 05:35	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 05:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 05:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 05:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 05:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 05:35	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 05:35	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 05:35	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 05:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 05:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 05:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 05:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 05:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 05:35	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 05:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 05:35	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 05:35	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 05:35	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 05:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 05:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 05:35	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 05:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 05:35	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 05:35	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 05:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 05:35	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 05:35	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0603-S1 (092717) **Lab ID: 50180760025** Collected: 09/27/17 15:35 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 05:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 05:35	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 05:35	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/06/17 05:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0516-S1 (092717) **Lab ID: 50180760026** Collected: 09/27/17 15:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 06:07	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 06:07	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 06:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 06:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 06:07	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 06:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 06:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 06:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 06:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 06:07	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 06:07	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 06:07	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 06:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 06:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 06:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 06:07	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 06:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 06:07	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 06:07	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 06:07	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 06:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 06:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 06:07	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 06:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 06:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 06:07	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 06:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 06:07	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 06:07	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0516-S1 (092717) **Lab ID: 50180760026** Collected: 09/27/17 15:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 06:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 06:07	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 06:07	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 06:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0618-S1 (092717) **Lab ID: 50180760027** Collected: 09/27/17 15:58 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 06:40	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 06:40	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 06:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 06:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 06:40	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 06:40	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 06:40	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 06:40	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 06:40	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 06:40	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 06:40	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 06:40	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 06:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 06:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 06:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:40	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 06:40	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 06:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 06:40	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 06:40	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 06:40	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 06:40	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 06:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 06:40	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 06:40	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 06:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 06:40	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 06:40	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0618-S1 (092717) **Lab ID: 50180760027** Collected: 09/27/17 15:58 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 06:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 06:40	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 06:40	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 06:40	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0613-S1 (092717) **Lab ID: 50180760028** Collected: 09/27/17 16:06 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:12	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 07:12	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:12	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:12	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:12	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:12	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 07:12	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:12	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 07:12	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:12	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:12	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:12	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:12	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:12	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:12	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:12	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:12	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:12	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:12	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:12	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0613-S1 (092717) **Lab ID: 50180760028** Collected: 09/27/17 16:06 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 07:12	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 07:12	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 07:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-2 (092717) **Lab ID: 50180760029** Collected: 09/27/17 16:10 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:44	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 07:44	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:44	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 07:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:44	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 07:44	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:44	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:44	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:44	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:44	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:44	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:44	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:44	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:44	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:44	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:44	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-2 (092717) **Lab ID: 50180760029** Collected: 09/27/17 16:10 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/06/17 07:44	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 07:44	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 07:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0607-S1 (092717) **Lab ID: 50180760030** Collected: 09/27/17 16:20 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:16	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 08:16	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:16	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 08:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:16	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 08:16	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:16	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:16	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:16	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:16	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:16	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:16	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:16	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:16	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:16	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0607-S1 (092717) **Lab ID: 50180760030** Collected: 09/27/17 16:20 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 08:16	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 08:16	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 08:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0612-S1 (092717) **Lab ID: 50180760031** Collected: 09/27/17 16:28 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 08:48	67-64-1	
Benzene	ND	ug/L	25.0	5		10/06/17 08:48	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 08:48	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 08:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 08:48	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 08:48	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 08:48	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 08:48	75-00-3	
Chloroform	ND	ug/L	25.0	5		10/06/17 08:48	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 08:48	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 08:48	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 08:48	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 08:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 08:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 08:48	75-35-4	
cis-1,2-Dichloroethene	**100**	ug/L	25.0	5		10/06/17 08:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	5		10/06/17 08:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 08:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 08:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 08:48	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 08:48	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 08:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 08:48	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 08:48	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 08:48	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 08:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 08:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 08:48	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 08:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 08:48	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 08:48	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 08:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	79-00-5	
Trichloroethene	**674**	ug/L	25.0	5		10/06/17 08:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 08:48	76-13-1	
Vinyl chloride	ND	ug/L	10.0	5		10/06/17 08:48	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0612-S1 (092717) **Lab ID: 50180760031** Collected: 09/27/17 16:28 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 08:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	5		10/06/17 08:48	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	5		10/06/17 08:48	460-00-4	
Toluene-d8 (S)	100	%.	86-111	5		10/06/17 08:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0606-S1 (092717) **Lab ID: 50180760032** Collected: 09/27/17 16:36 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 09:20	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 09:20	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 09:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 09:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 09:20	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 09:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 09:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 09:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/06/17 09:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 09:20	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 09:20	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 09:20	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 09:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 09:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:20	75-35-4	
cis-1,2-Dichloroethene	**250**	ug/L	5.0	1		10/06/17 09:20	156-59-2	
trans-1,2-Dichloroethene	**51.0**	ug/L	5.0	1		10/06/17 09:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 09:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 09:20	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 09:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 09:20	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 09:20	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 09:20	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 09:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 09:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 09:20	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 09:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 09:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 09:20	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 09:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	79-00-5	
Trichloroethene	**1470**	ug/L	125	25		10/10/17 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 09:20	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 09:20	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0606-S1 (092717) **Lab ID: 50180760032** Collected: 09/27/17 16:36 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 09:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 09:20	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/06/17 09:20	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 09:20	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0704-S1 (092717) **Lab ID: 50180760033** Collected: 09/27/17 16:43 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 09:52	67-64-1	
Benzene	ND	ug/L	25.0	5		10/06/17 09:52	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 09:52	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 09:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 09:52	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 09:52	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 09:52	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 09:52	75-00-3	
Chloroform	ND	ug/L	25.0	5		10/06/17 09:52	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 09:52	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 09:52	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 09:52	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 09:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 09:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 09:52	75-35-4	
cis-1,2-Dichloroethene	**614**	ug/L	25.0	5		10/06/17 09:52	156-59-2	
trans-1,2-Dichloroethene	**83.0**	ug/L	25.0	5		10/06/17 09:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 09:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 09:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 09:52	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 09:52	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 09:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 09:52	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 09:52	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 09:52	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 09:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 09:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 09:52	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 09:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 09:52	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 09:52	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 09:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	79-00-5	
Trichloroethene	**2150**	ug/L	250	50		10/10/17 19:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 09:52	76-13-1	
Vinyl chloride	ND	ug/L	10.0	5		10/06/17 09:52	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0704-S1 (092717) **Lab ID: 50180760033** Collected: 09/27/17 16:43 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 09:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	5		10/06/17 09:52	1868-53-7	D4
4-Bromofluorobenzene (S)	94	%.	84-113	5		10/06/17 09:52	460-00-4	
Toluene-d8 (S)	98	%.	86-111	5		10/06/17 09:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0705-S1 (092717) **Lab ID: 50180760034** Collected: 09/27/17 16:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 14:01	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 14:01	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 14:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 14:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 14:01	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 14:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 14:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 14:01	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 14:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 14:01	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 14:01	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 14:01	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 14:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 14:01	75-35-4	
cis-1,2-Dichloroethene	**39.1**	ug/L	5.0	1		10/10/17 14:01	156-59-2	
trans-1,2-Dichloroethene	**10.1**	ug/L	5.0	1		10/10/17 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 14:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 14:01	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 14:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 14:01	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 14:01	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 14:01	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 14:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 14:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 14:01	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 14:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 14:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 14:01	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 14:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	79-00-5	
Trichloroethene	**107**	ug/L	5.0	1		10/10/17 14:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 14:01	76-13-1	
Vinyl chloride	**3.3**	ug/L	2.0	1		10/10/17 14:01	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0705-S1 (092717) **Lab ID: 50180760034** Collected: 09/27/17 16:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 14:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 14:01	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 14:01	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 14:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0608-S1 (092717) **Lab ID: 50180760035** Collected: 09/27/17 16:59 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 14:33	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 14:33	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 14:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 14:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 14:33	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 14:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 14:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 14:33	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 14:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 14:33	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 14:33	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 14:33	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 14:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 14:33	75-35-4	
cis-1,2-Dichloroethene	**427**	ug/L	25.0	5		10/10/17 20:24	156-59-2	
trans-1,2-Dichloroethene	**44.0**	ug/L	5.0	1		10/10/17 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 14:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 14:33	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 14:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 14:33	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 14:33	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 14:33	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 14:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 14:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 14:33	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 14:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 14:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 14:33	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 14:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 14:33	76-13-1	
Vinyl chloride	**5.1**	ug/L	2.0	1		10/10/17 14:33	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0608-S1 (092717) **Lab ID: 50180760035** Collected: 09/27/17 16:59 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 14:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/10/17 14:33	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 14:33	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 14:33	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0609-S1 (092717) **Lab ID: 50180760036** Collected: 09/27/17 17:08 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 15:05	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 15:05	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 15:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 15:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 15:05	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 15:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 15:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 15:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 15:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 15:05	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 15:05	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 15:05	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 15:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:05	75-35-4	
cis-1,2-Dichloroethene	**147**	ug/L	5.0	1		10/10/17 15:05	156-59-2	
trans-1,2-Dichloroethene	**8.1**	ug/L	5.0	1		10/10/17 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 15:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 15:05	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 15:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 15:05	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 15:05	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 15:05	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 15:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 15:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 15:05	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 15:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 15:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 15:05	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 15:05	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 15:05	76-13-1	
Vinyl chloride	**15.0**	ug/L	2.0	1		10/10/17 15:05	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0609-S1 (092717) **Lab ID: 50180760036** Collected: 09/27/17 17:08 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 15:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 15:05	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/10/17 15:05	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 15:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0610-S1 (092717) **Lab ID: 50180760037** Collected: 09/27/17 17:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 15:37	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 15:37	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 15:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 15:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 15:37	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 15:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 15:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 15:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 15:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 15:37	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 15:37	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 15:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 15:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 15:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 15:37	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 15:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 15:37	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 15:37	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 15:37	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 15:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 15:37	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 15:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 15:37	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 15:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 15:37	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 15:37	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0610-S1 (092717) **Lab ID: 50180760037** Collected: 09/27/17 17:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 15:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 15:37	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/10/17 15:37	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 15:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0602-S1 (092717) **Lab ID: 50180760038** Collected: 09/27/17 17:29 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 16:09	67-64-1	
Benzene	ND	ug/L	5.0	1		10/10/17 16:09	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 16:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 16:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 16:09	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 16:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 16:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 16:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		10/10/17 16:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 16:09	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/10/17 16:09	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 16:09	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 16:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 16:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 16:09	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 16:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 16:09	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 16:09	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 16:09	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 16:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 16:09	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 16:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 16:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 16:09	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 16:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 16:09	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 16:09	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0602-S1 (092717) **Lab ID: 50180760038** Collected: 09/27/17 17:29 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 16:09	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/10/17 16:09	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 16:09	2037-26-5	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

QC Batch: 409078 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50180760001, 50180760002, 50180760003, 50180760004, 50180760006, 50180760007, 50180760008, 50180760011, 50180760012, 50180760013, 50180760014

METHOD BLANK: 1882363 Matrix: Water
Associated Lab Samples: 50180760001, 50180760002, 50180760003, 50180760004, 50180760006, 50180760007, 50180760008, 50180760011, 50180760012, 50180760013, 50180760014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	10/05/17 23:28	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	10/05/17 23:28	
1,1,2-Trichloroethane	ug/L	ND	5.0	10/05/17 23:28	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	10/05/17 23:28	
1,1-Dichloroethane	ug/L	ND	5.0	10/05/17 23:28	
1,1-Dichloroethene	ug/L	ND	5.0	10/05/17 23:28	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/05/17 23:28	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	10/05/17 23:28	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	10/05/17 23:28	
1,2-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:28	
1,2-Dichloroethane	ug/L	ND	5.0	10/05/17 23:28	
1,2-Dichloropropane	ug/L	ND	5.0	10/05/17 23:28	
1,3-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:28	
1,4-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:28	
2-Butanone (MEK)	ug/L	ND	25.0	10/05/17 23:28	
2-Hexanone	ug/L	ND	25.0	10/05/17 23:28	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	10/05/17 23:28	
Acetone	ug/L	ND	100	10/05/17 23:28	
Benzene	ug/L	ND	5.0	10/05/17 23:28	
Bromodichloromethane	ug/L	ND	5.0	10/05/17 23:28	
Bromoform	ug/L	ND	5.0	10/05/17 23:28	
Bromomethane	ug/L	ND	5.0	10/05/17 23:28	
Carbon disulfide	ug/L	ND	10.0	10/05/17 23:28	
Carbon tetrachloride	ug/L	ND	5.0	10/05/17 23:28	
Chlorobenzene	ug/L	ND	5.0	10/05/17 23:28	
Chloroethane	ug/L	ND	5.0	10/05/17 23:28	
Chloroform	ug/L	ND	5.0	10/05/17 23:28	
Chloromethane	ug/L	ND	5.0	10/05/17 23:28	
cis-1,2-Dichloroethene	ug/L	ND	5.0	10/05/17 23:28	
cis-1,3-Dichloropropene	ug/L	ND	5.0	10/05/17 23:28	
Cyclohexane	ug/L	ND	100	10/05/17 23:28	N2
Dibromochloromethane	ug/L	ND	5.0	10/05/17 23:28	
Dichlorodifluoromethane	ug/L	ND	5.0	10/05/17 23:28	
Ethylbenzene	ug/L	ND	5.0	10/05/17 23:28	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	10/05/17 23:28	
Methyl acetate	ug/L	ND	50.0	10/05/17 23:28	N2
Methyl-tert-butyl ether	ug/L	ND	4.0	10/05/17 23:28	
Methylcyclohexane	ug/L	ND	50.0	10/05/17 23:28	N2
Methylene Chloride	ug/L	ND	5.0	10/05/17 23:28	
Styrene	ug/L	ND	5.0	10/05/17 23:28	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

METHOD BLANK: 1882363 Matrix: Water

Associated Lab Samples: 50180760001, 50180760002, 50180760003, 50180760004, 50180760006, 50180760007, 50180760008, 50180760011, 50180760012, 50180760013, 50180760014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	5.0	10/05/17 23:28	
Toluene	ug/L	ND	5.0	10/05/17 23:28	
trans-1,2-Dichloroethene	ug/L	ND	5.0	10/05/17 23:28	
trans-1,3-Dichloropropene	ug/L	ND	5.0	10/05/17 23:28	
Trichloroethene	ug/L	ND	5.0	10/05/17 23:28	
Trichlorofluoromethane	ug/L	ND	5.0	10/05/17 23:28	
Vinyl chloride	ug/L	ND	2.0	10/05/17 23:28	
Xylene (Total)	ug/L	ND	10.0	10/05/17 23:28	
4-Bromofluorobenzene (S)	%.	96	84-113	10/05/17 23:28	
Dibromofluoromethane (S)	%.	95	86-116	10/05/17 23:28	
Toluene-d8 (S)	%.	101	86-111	10/05/17 23:28	

LABORATORY CONTROL SAMPLE: 1882364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	40.6	81	72-126	
1,1,2,2-Tetrachloroethane	ug/L	50	42.6	85	74-124	
1,1,2-Trichloroethane	ug/L	50	46.1	92	79-121	
1,1,2-Trichlorotrifluoroethane	ug/L	50	42.0	84	79-121	
1,1-Dichloroethane	ug/L	50	39.7	79	77-122	
1,1-Dichloroethene	ug/L	50	42.0	84	70-131	
1,2,4-Trichlorobenzene	ug/L	50	41.0	82	69-129	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	72-124	
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	81-123	
1,2-Dichlorobenzene	ug/L	50	45.5	91	77-118	
1,2-Dichloroethane	ug/L	50	38.5	77	72-119	
1,2-Dichloropropane	ug/L	50	43.1	86	78-125	
1,3-Dichlorobenzene	ug/L	50	44.2	88	74-120	
1,4-Dichlorobenzene	ug/L	50	44.6	89	72-118	
2-Butanone (MEK)	ug/L	250	223	89	61-150	
2-Hexanone	ug/L	250	219	88	67-141	
4-Methyl-2-pentanone (MIBK)	ug/L	250	208	83	71-131	
Acetone	ug/L	250	188	75	39-166	
Benzene	ug/L	50	44.4	89	79-120	
Bromodichloromethane	ug/L	50	42.2	84	76-125	
Bromoform	ug/L	50	43.3	87	69-119	
Bromomethane	ug/L	50	55.7	111	27-161	
Carbon disulfide	ug/L	50	37.7	75	60-130	
Carbon tetrachloride	ug/L	50	41.7	83	74-132	
Chlorobenzene	ug/L	50	48.1	96	77-116	
Chloroethane	ug/L	50	41.1	82	51-132	
Chloroform	ug/L	50	41.9	84	76-118	
Chloromethane	ug/L	50	40.6	81	46-126	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

LABORATORY CONTROL SAMPLE: 1882364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	42.4	85	74-126	
cis-1,3-Dichloropropene	ug/L	50	42.8	86	78-125	
Cyclohexane	ug/L	50	40.7J	81	72-126	N2
Dibromochloromethane	ug/L	50	47.3	95	80-123	
Dichlorodifluoromethane	ug/L	50	53.0	106	42-152	
Ethylbenzene	ug/L	50	44.5	89	80-123	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	80-122	
Methyl acetate	ug/L	50	98.5	197	33-194	L1,N2
Methyl-tert-butyl ether	ug/L	50	40.8	82	63-131	
Methylcyclohexane	ug/L	50	42.7J	85	80-124	N2
Methylene Chloride	ug/L	50	41.5	83	62-126	
Styrene	ug/L	50	42.2	84	81-125	
Tetrachloroethene	ug/L	50	45.2	90	74-119	
Toluene	ug/L	50	44.8	90	77-117	
trans-1,2-Dichloroethene	ug/L	50	43.0	86	74-128	
trans-1,3-Dichloropropene	ug/L	50	42.2	84	75-132	
Trichloroethene	ug/L	50	44.0	88	75-119	
Trichlorofluoromethane	ug/L	50	47.9	96	57-152	
Vinyl chloride	ug/L	50	45.7	91	62-137	
Xylene (Total)	ug/L	150	136	90	79-121	
4-Bromofluorobenzene (S)	%.			100	84-113	
Dibromofluoromethane (S)	%.			91	86-116	
Toluene-d8 (S)	%.			100	86-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1882365 1882366

Parameter	Units	50180760006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	35.6	38.2	71	76	52-142	7	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	42.3	43.1	85	86	48-143	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	41.8	44.3	84	89	51-139	6	20	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	50	50	40.4	42.1	81	84	36-144	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	37.1	39.4	74	79	53-139	6	20	
1,1-Dichloroethene	ug/L	ND	50	50	37.7	40.7	75	81	50-149	8	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	23.8	22.3	48	45	24-146	6	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	37.2	45.2	74	90	35-137	19	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	43.5	46.6	87	93	54-141	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	28.3	28.1	57	56	33-142	1	20	
1,2-Dichloroethane	ug/L	ND	50	50	37.3	39.7	75	79	47-138	6	20	
1,2-Dichloropropane	ug/L	ND	50	50	39.7	40.6	79	81	55-142	2	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	25.0	24.1	50	48	27-145	4	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	25.4	23.6	51	47	27-140	7	20	
2-Butanone (MEK)	ug/L	ND	250	250	246	267	98	107	39-159	8	20	
2-Hexanone	ug/L	ND	250	250	221	244	89	98	47-151	10	20	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1882365 1882366

Parameter	Units	50180760006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	211	224	84	90	48-146	6	20	
Acetone	ug/L	ND	250	250	252	269	87	94	31-152	7	20	
Benzene	ug/L	ND	50	50	37.9	40.6	76	81	57-136	7	20	
Bromodichloromethane	ug/L	ND	50	50	38.1	39.9	76	80	49-142	5	20	
Bromoform	ug/L	ND	50	50	41.8	42.1	84	84	39-131	1	20	
Bromomethane	ug/L	ND	50	50	51.8	55.6	104	111	10-162	7	20	
Carbon disulfide	ug/L	ND	50	50	32.7	34.2	65	68	34-142	4	20	
Carbon tetrachloride	ug/L	ND	50	50	34.9	37.2	70	74	47-150	6	20	
Chlorobenzene	ug/L	ND	50	50	32.4	33.1	65	66	42-138	2	20	
Chloroethane	ug/L	ND	50	50	38.9	42.4	78	85	34-148	9	20	
Chloroform	ug/L	ND	50	50	39.0	41.2	78	82	54-136	5	20	
Chloromethane	ug/L	ND	50	50	39.0	41.1	78	82	27-138	5	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	38.9	41.1	78	82	48-147	5	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	36.0	38.3	72	77	40-142	6	20	
Cyclohexane	ug/L	ND	50	50	34.5J	37.1J	69	74	36-147		20	N2
Dibromochloromethane	ug/L	ND	50	50	42.7	45.0	85	90	46-143	5	20	
Dichlorodifluoromethane	ug/L	ND	50	50	49.9	54.0	100	108	23-169	8	20	
Ethylbenzene	ug/L	ND	50	50	27.0	27.4	53	54	40-147	2	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	25.1	25.0	50	50	37-151	1	20	
Methyl acetate	ug/L	ND	50	50	80.3	81.3	161	163	10-169	1	20	N2
Methyl-tert-butyl ether	ug/L	ND	50	50	43.1	44.9	86	90	46-147	4	20	
Methylcyclohexane	ug/L	ND	50	50	33.9J	35.5J	68	71	40-140		20	N2
Methylene Chloride	ug/L	ND	50	50	38.7	39.6	77	79	40-138	2	20	
Styrene	ug/L	ND	50	50	27.4	27.7	55	55	34-149	1	20	
Tetrachloroethene	ug/L	ND	50	50	29.5	30.0	59	60	37-144	2	20	
Toluene	ug/L	ND	50	50	32.3	33.9	64	68	46-137	5	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	37.8	39.9	76	80	51-145	5	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	36.2	37.9	72	76	41-143	5	20	
Trichloroethene	ug/L	ND	50	50	33.6	35.5	67	71	45-139	6	20	
Trichlorofluoromethane	ug/L	ND	50	50	47.0	48.4	94	97	42-164	3	20	
Vinyl chloride	ug/L	ND	50	50	41.8	45.4	84	91	43-154	8	20	
Xylene (Total)	ug/L	ND	150	150	82.2	82.0	55	55	37-146	0	20	
4-Bromofluorobenzene (S)	%.						97	98	84-113			
Dibromofluoromethane (S)	%.						92	90	86-116			
Toluene-d8 (S)	%.						98	97	86-111			

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

QC Batch: 409079 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50180760017, 50180760018, 50180760019, 50180760020, 50180760021, 50180760022, 50180760023, 50180760024, 50180760025, 50180760026, 50180760027, 50180760028, 50180760029, 50180760030, 50180760031, 50180760032, 50180760033

METHOD BLANK: 1882368 Matrix: Water
Associated Lab Samples: 50180760017, 50180760018, 50180760019, 50180760020, 50180760021, 50180760022, 50180760023, 50180760024, 50180760025, 50180760026, 50180760027, 50180760028, 50180760029, 50180760030, 50180760031, 50180760032, 50180760033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	10/05/17 23:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	10/05/17 23:44	
1,1,2-Trichloroethane	ug/L	ND	5.0	10/05/17 23:44	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	10/05/17 23:44	
1,1-Dichloroethane	ug/L	ND	5.0	10/05/17 23:44	
1,1-Dichloroethene	ug/L	ND	5.0	10/05/17 23:44	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/05/17 23:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	10/05/17 23:44	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	10/05/17 23:44	
1,2-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:44	
1,2-Dichloroethane	ug/L	ND	5.0	10/05/17 23:44	
1,2-Dichloropropane	ug/L	ND	5.0	10/05/17 23:44	
1,3-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:44	
1,4-Dichlorobenzene	ug/L	ND	5.0	10/05/17 23:44	
2-Butanone (MEK)	ug/L	ND	25.0	10/05/17 23:44	
2-Hexanone	ug/L	ND	25.0	10/05/17 23:44	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	10/05/17 23:44	
Acetone	ug/L	ND	100	10/05/17 23:44	
Benzene	ug/L	ND	5.0	10/05/17 23:44	
Bromodichloromethane	ug/L	ND	5.0	10/05/17 23:44	
Bromoform	ug/L	ND	5.0	10/05/17 23:44	
Bromomethane	ug/L	ND	5.0	10/05/17 23:44	
Carbon disulfide	ug/L	ND	10.0	10/05/17 23:44	
Carbon tetrachloride	ug/L	ND	5.0	10/05/17 23:44	
Chlorobenzene	ug/L	ND	5.0	10/05/17 23:44	
Chloroethane	ug/L	ND	5.0	10/05/17 23:44	
Chloroform	ug/L	ND	5.0	10/05/17 23:44	
Chloromethane	ug/L	ND	5.0	10/05/17 23:44	
cis-1,2-Dichloroethene	ug/L	ND	5.0	10/05/17 23:44	
cis-1,3-Dichloropropene	ug/L	ND	5.0	10/05/17 23:44	
Cyclohexane	ug/L	ND	100	10/05/17 23:44	N2
Dibromochloromethane	ug/L	ND	5.0	10/05/17 23:44	
Dichlorodifluoromethane	ug/L	ND	5.0	10/05/17 23:44	
Ethylbenzene	ug/L	ND	5.0	10/05/17 23:44	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	10/05/17 23:44	
Methyl acetate	ug/L	ND	50.0	10/05/17 23:44	N2
Methyl-tert-butyl ether	ug/L	ND	4.0	10/05/17 23:44	
Methylcyclohexane	ug/L	ND	50.0	10/05/17 23:44	N2

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

METHOD BLANK: 1882368 Matrix: Water

Associated Lab Samples: 50180760017, 50180760018, 50180760019, 50180760020, 50180760021, 50180760022, 50180760023, 50180760024, 50180760025, 50180760026, 50180760027, 50180760028, 50180760029, 50180760030, 50180760031, 50180760032, 50180760033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methylene Chloride	ug/L	ND	5.0	10/05/17 23:44	
Styrene	ug/L	ND	5.0	10/05/17 23:44	
Tetrachloroethene	ug/L	ND	5.0	10/05/17 23:44	
Toluene	ug/L	ND	5.0	10/05/17 23:44	
trans-1,2-Dichloroethene	ug/L	ND	5.0	10/05/17 23:44	
trans-1,3-Dichloropropene	ug/L	ND	5.0	10/05/17 23:44	
Trichloroethene	ug/L	ND	5.0	10/05/17 23:44	
Trichlorofluoromethane	ug/L	ND	5.0	10/05/17 23:44	
Vinyl chloride	ug/L	ND	2.0	10/05/17 23:44	
Xylene (Total)	ug/L	ND	10.0	10/05/17 23:44	
4-Bromofluorobenzene (S)	%.	93	84-113	10/05/17 23:44	
Dibromofluoromethane (S)	%.	97	86-116	10/05/17 23:44	
Toluene-d8 (S)	%.	100	86-111	10/05/17 23:44	

LABORATORY CONTROL SAMPLE: 1882369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	40.3	81	72-126	
1,1,2,2-Tetrachloroethane	ug/L	50	41.6	83	74-124	
1,1,2-Trichloroethane	ug/L	50	42.5	85	79-121	
1,1,2-Trichlorotrifluoroethane	ug/L	50	44.0	88	79-121	
1,1-Dichloroethane	ug/L	50	41.8	84	77-122	
1,1-Dichloroethene	ug/L	50	44.2	88	70-131	
1,2,4-Trichlorobenzene	ug/L	50	40.8	82	69-129	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	72-124	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	81-123	
1,2-Dichlorobenzene	ug/L	50	46.0	92	77-118	
1,2-Dichloroethane	ug/L	50	38.2	76	72-119	
1,2-Dichloropropane	ug/L	50	42.3	85	78-125	
1,3-Dichlorobenzene	ug/L	50	44.1	88	74-120	
1,4-Dichlorobenzene	ug/L	50	42.4	85	72-118	
2-Butanone (MEK)	ug/L	250	249	99	61-150	
2-Hexanone	ug/L	250	226	91	67-141	
4-Methyl-2-pentanone (MIBK)	ug/L	250	219	88	71-131	
Acetone	ug/L	250	187	75	39-166	
Benzene	ug/L	50	45.4	91	79-120	
Bromodichloromethane	ug/L	50	43.2	86	76-125	
Bromoform	ug/L	50	43.7	87	69-119	
Bromomethane	ug/L	50	48.1	96	27-161	
Carbon disulfide	ug/L	50	42.1	84	60-130	
Carbon tetrachloride	ug/L	50	42.5	85	74-132	
Chlorobenzene	ug/L	50	47.3	95	77-116	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

LABORATORY CONTROL SAMPLE: 1882369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	39.5	79	51-132	
Chloroform	ug/L	50	41.1	82	76-118	
Chloromethane	ug/L	50	41.2	82	46-126	
cis-1,2-Dichloroethene	ug/L	50	42.0	84	74-126	
cis-1,3-Dichloropropene	ug/L	50	45.6	91	78-125	
Cyclohexane	ug/L	50	39.4J	79	72-126	N2
Dibromochloromethane	ug/L	50	49.1	98	80-123	
Dichlorodifluoromethane	ug/L	50	52.7	105	42-152	
Ethylbenzene	ug/L	50	43.5	87	80-123	
Isopropylbenzene (Cumene)	ug/L	50	46.4	93	80-122	
Methyl acetate	ug/L	50	84.7	169	33-194	N2
Methyl-tert-butyl ether	ug/L	50	41.5	83	63-131	
Methylcyclohexane	ug/L	50	41.1J	82	80-124	N2
Methylene Chloride	ug/L	50	52.9	106	62-126	
Styrene	ug/L	50	42.8	86	81-125	
Tetrachloroethene	ug/L	50	46.4	93	74-119	
Toluene	ug/L	50	46.3	93	77-117	
trans-1,2-Dichloroethene	ug/L	50	44.2	88	74-128	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	75-132	
Trichloroethene	ug/L	50	43.4	87	75-119	
Trichlorofluoromethane	ug/L	50	48.6	97	57-152	
Vinyl chloride	ug/L	50	44.3	89	62-137	
Xylene (Total)	ug/L	150	132	88	79-121	
4-Bromofluorobenzene (S)	%.			97	84-113	
Dibromofluoromethane (S)	%.			91	86-116	
Toluene-d8 (S)	%.			104	86-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1882370 1882371

Parameter	Units	50180760024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	38.0	38.3	76	77	52-142	1	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	45.6	42.2	91	84	48-143	8	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	46.4	43.8	93	88	51-139	6	20	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	50	50	43.0	44.8	86	90	36-144	4	20	
1,1-Dichloroethane	ug/L	ND	50	50	40.0	41.2	80	82	53-139	3	20	
1,1-Dichloroethene	ug/L	ND	50	50	41.8	43.7	84	87	50-149	4	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	26.7	22.3	53	45	24-146	18	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	48.6	47.6	97	95	35-137	2	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	49.6	46.4	99	93	54-141	7	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	32.7	27.8	65	56	33-142	16	20	
1,2-Dichloroethane	ug/L	ND	50	50	41.7	41.2	83	82	47-138	1	20	
1,2-Dichloropropane	ug/L	ND	50	50	42.6	41.8	85	84	55-142	2	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	26.9	22.9	54	46	27-145	16	20	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1882370 1882371

Parameter	Units	50180760024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	50	50	26.5	22.2	53	44	27-140	18	20	
2-Butanone (MEK)	ug/L	ND	250	250	291	288	116	115	39-159	1	20	
2-Hexanone	ug/L	ND	250	250	261	251	105	100	47-151	4	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	243	236	97	94	48-146	3	20	
Acetone	ug/L	ND	250	250	273	270	85	84	31-152	1	20	
Benzene	ug/L	ND	50	50	41.6	41.5	83	83	57-136	0	20	
Bromodichloromethane	ug/L	ND	50	50	41.4	41.6	83	83	49-142	0	20	
Bromoform	ug/L	ND	50	50	45.7	42.9	91	86	39-131	6	20	
Bromomethane	ug/L	ND	50	50	46.5	50.2	93	100	10-162	8	20	
Carbon disulfide	ug/L	ND	50	50	37.8	38.9	76	78	34-142	3	20	
Carbon tetrachloride	ug/L	ND	50	50	39.2	39.0	78	78	47-150	0	20	
Chlorobenzene	ug/L	ND	50	50	35.1	32.4	70	65	42-138	8	20	
Chloroethane	ug/L	ND	50	50	39.3	40.5	79	81	34-148	3	20	
Chloroform	ug/L	ND	50	50	41.4	40.8	83	82	54-136	2	20	
Chloromethane	ug/L	ND	50	50	41.6	44.0	83	88	27-138	6	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	44.1	44.0	84	84	48-147	0	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	40.6	38.6	81	77	40-142	5	20	
Cyclohexane	ug/L	ND	50	50	36J	34.9J	72	70	36-147		20	N2
Dibromochloromethane	ug/L	ND	50	50	48.4	44.1	97	88	46-143	9	20	
Dichlorodifluoromethane	ug/L	ND	50	50	52.0	55.6	104	111	23-169	7	20	
Ethylbenzene	ug/L	ND	50	50	28.7	26.0	57	52	40-147	10	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	26.1	22.6	52	45	37-151	14	20	
Methyl acetate	ug/L	ND	50	50	75.8	74.2	152	148	10-169	2	20	N2
Methyl-tert-butyl ether	ug/L	ND	50	50	46.4	45.8	93	92	46-147	1	20	
Methylcyclohexane	ug/L	ND	50	50	33.3J	33.1J	67	66	40-140		20	N2
Methylene Chloride	ug/L	ND	50	50	53.3	53.7	107	107	40-138	1	20	
Styrene	ug/L	ND	50	50	29.7	26.8	59	54	34-149	10	20	
Tetrachloroethene	ug/L	ND	50	50	31.6	29.2	63	58	37-144	8	20	
Toluene	ug/L	ND	50	50	35.7	33.4	71	67	46-137	6	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	41.2	41.5	82	83	51-145	1	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	40.9	38.9	82	78	41-143	5	20	
Trichloroethene	ug/L	ND	50	50	36.3	35.8	73	72	45-139	1	20	
Trichlorofluoromethane	ug/L	ND	50	50	48.1	49.3	96	99	42-164	2	20	
Vinyl chloride	ug/L	ND	50	50	44.8	46.4	90	93	43-154	3	20	
Xylene (Total)	ug/L	ND	150	150	84.4	75.9	56	51	37-146	11	20	
4-Bromofluorobenzene (S)	%.						95	94	84-113			
Dibromofluoromethane (S)	%.						93	95	86-116			
Toluene-d8 (S)	%.						102	100	86-111			

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

QC Batch: 409652 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50180760005, 50180760009, 50180760010, 50180760015, 50180760016, 50180760034, 50180760035, 50180760036, 50180760037, 50180760038

METHOD BLANK: 1884798 Matrix: Water
Associated Lab Samples: 50180760005, 50180760009, 50180760010, 50180760015, 50180760016, 50180760034, 50180760035, 50180760036, 50180760037, 50180760038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	10/10/17 12:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	10/10/17 12:57	
1,1,2-Trichloroethane	ug/L	ND	5.0	10/10/17 12:57	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	10/10/17 12:57	
1,1-Dichloroethane	ug/L	ND	5.0	10/10/17 12:57	
1,1-Dichloroethene	ug/L	ND	5.0	10/10/17 12:57	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/10/17 12:57	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	10/10/17 12:57	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	10/10/17 12:57	
1,2-Dichlorobenzene	ug/L	ND	5.0	10/10/17 12:57	
1,2-Dichloroethane	ug/L	ND	5.0	10/10/17 12:57	
1,2-Dichloropropane	ug/L	ND	5.0	10/10/17 12:57	
1,3-Dichlorobenzene	ug/L	ND	5.0	10/10/17 12:57	
1,4-Dichlorobenzene	ug/L	ND	5.0	10/10/17 12:57	
2-Butanone (MEK)	ug/L	ND	25.0	10/10/17 12:57	
2-Hexanone	ug/L	ND	25.0	10/10/17 12:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	10/10/17 12:57	
Acetone	ug/L	ND	100	10/10/17 12:57	
Benzene	ug/L	ND	5.0	10/10/17 12:57	
Bromodichloromethane	ug/L	ND	5.0	10/10/17 12:57	
Bromoform	ug/L	ND	5.0	10/10/17 12:57	
Bromomethane	ug/L	ND	5.0	10/10/17 12:57	
Carbon disulfide	ug/L	ND	10.0	10/10/17 12:57	
Carbon tetrachloride	ug/L	ND	5.0	10/10/17 12:57	
Chlorobenzene	ug/L	ND	5.0	10/10/17 12:57	
Chloroethane	ug/L	ND	5.0	10/10/17 12:57	
Chloroform	ug/L	ND	5.0	10/10/17 12:57	
Chloromethane	ug/L	ND	5.0	10/10/17 12:57	
cis-1,2-Dichloroethene	ug/L	ND	5.0	10/10/17 12:57	
cis-1,3-Dichloropropene	ug/L	ND	5.0	10/10/17 12:57	
Cyclohexane	ug/L	ND	100	10/10/17 12:57	N2
Dibromochloromethane	ug/L	ND	5.0	10/10/17 12:57	
Dichlorodifluoromethane	ug/L	ND	5.0	10/10/17 12:57	
Ethylbenzene	ug/L	ND	5.0	10/10/17 12:57	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	10/10/17 12:57	
Methyl acetate	ug/L	ND	50.0	10/10/17 12:57	N2
Methyl-tert-butyl ether	ug/L	ND	4.0	10/10/17 12:57	
Methylcyclohexane	ug/L	ND	50.0	10/10/17 12:57	N2
Methylene Chloride	ug/L	ND	5.0	10/10/17 12:57	
Styrene	ug/L	ND	5.0	10/10/17 12:57	

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QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

METHOD BLANK: 1884798 Matrix: Water

Associated Lab Samples: 50180760005, 50180760009, 50180760010, 50180760015, 50180760016, 50180760034, 50180760035, 50180760036, 50180760037, 50180760038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	5.0	10/10/17 12:57	
Toluene	ug/L	ND	5.0	10/10/17 12:57	
trans-1,2-Dichloroethene	ug/L	ND	5.0	10/10/17 12:57	
trans-1,3-Dichloropropene	ug/L	ND	5.0	10/10/17 12:57	
Trichloroethene	ug/L	ND	5.0	10/10/17 12:57	
Trichlorofluoromethane	ug/L	ND	5.0	10/10/17 12:57	
Vinyl chloride	ug/L	ND	2.0	10/10/17 12:57	
Xylene (Total)	ug/L	ND	10.0	10/10/17 12:57	
4-Bromofluorobenzene (S)	%.	91	84-113	10/10/17 12:57	
Dibromofluoromethane (S)	%.	96	86-116	10/10/17 12:57	
Toluene-d8 (S)	%.	96	86-111	10/10/17 12:57	

LABORATORY CONTROL SAMPLE: 1884799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	40.5	81	72-126	
1,1,2,2-Tetrachloroethane	ug/L	50	40.3	81	74-124	
1,1,2-Trichloroethane	ug/L	50	40.3	81	79-121	
1,1,2-Trichlorotrifluoroethane	ug/L	50	40.9	82	79-121	
1,1-Dichloroethane	ug/L	50	40.6	81	77-122	
1,1-Dichloroethene	ug/L	50	41.8	84	70-131	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	69-129	
1,2-Dibromo-3-chloropropane	ug/L	50	42.8	86	72-124	
1,2-Dibromoethane (EDB)	ug/L	50	45.8	92	81-123	
1,2-Dichlorobenzene	ug/L	50	47.4	95	77-118	
1,2-Dichloroethane	ug/L	50	38.6	77	72-119	
1,2-Dichloropropane	ug/L	50	44.0	88	78-125	
1,3-Dichlorobenzene	ug/L	50	45.4	91	74-120	
1,4-Dichlorobenzene	ug/L	50	43.7	87	72-118	
2-Butanone (MEK)	ug/L	250	259	104	61-150	
2-Hexanone	ug/L	250	218	87	67-141	
4-Methyl-2-pentanone (MIBK)	ug/L	250	198	79	71-131	
Acetone	ug/L	250	226	90	39-166	
Benzene	ug/L	50	45.6	91	79-120	
Bromodichloromethane	ug/L	50	43.1	86	76-125	
Bromoform	ug/L	50	42.4	85	69-119	
Bromomethane	ug/L	50	32.4	65	27-161	
Carbon disulfide	ug/L	50	39.1	78	60-130	
Carbon tetrachloride	ug/L	50	42.9	86	74-132	
Chlorobenzene	ug/L	50	46.1	92	77-116	
Chloroethane	ug/L	50	36.9	74	51-132	
Chloroform	ug/L	50	42.3	85	76-118	
Chloromethane	ug/L	50	29.9	60	46-126	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

LABORATORY CONTROL SAMPLE: 1884799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	43.8	88	74-126	
cis-1,3-Dichloropropene	ug/L	50	43.4	87	78-125	
Cyclohexane	ug/L	50	38.1J	76	72-126	N2
Dibromochloromethane	ug/L	50	47.3	95	80-123	
Dichlorodifluoromethane	ug/L	50	26.8	54	42-152	
Ethylbenzene	ug/L	50	42.4	85	80-123	
Isopropylbenzene (Cumene)	ug/L	50	45.1	90	80-122	
Methyl acetate	ug/L	50	79.0	158	33-194	N2
Methyl-tert-butyl ether	ug/L	50	38.9	78	63-131	
Methylcyclohexane	ug/L	50	40.6J	81	80-124	N2
Methylene Chloride	ug/L	50	50.9	102	62-126	
Styrene	ug/L	50	42.0	84	81-125	
Tetrachloroethene	ug/L	50	47.0	94	74-119	
Toluene	ug/L	50	44.2	88	77-117	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	74-128	
trans-1,3-Dichloropropene	ug/L	50	43.0	86	75-132	
Trichloroethene	ug/L	50	44.3	89	75-119	
Trichlorofluoromethane	ug/L	50	41.9	84	57-152	
Vinyl chloride	ug/L	50	35.2	70	62-137	
Xylene (Total)	ug/L	150	129	86	79-121	
4-Bromofluorobenzene (S)	%.			96	84-113	
Dibromofluoromethane (S)	%.			94	86-116	
Toluene-d8 (S)	%.			102	86-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1884800 1884801

Parameter	Units	50180760038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	50	50	39.6	44.7	79	89	52-142	12	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	41.3	48.1	83	96	48-143	15	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	42.3	46.1	85	92	51-139	9	20	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	50	50	40.8	46.0	82	92	36-144	12	20	
1,1-Dichloroethane	ug/L	ND	50	50	40.6	47.0	81	94	53-139	15	20	
1,1-Dichloroethene	ug/L	ND	50	50	42.5	48.3	85	97	50-149	13	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	42.0	46.9	84	94	24-146	11	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	50.4	50.5	101	101	35-137	0	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	44.9	51.6	90	103	54-141	14	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	45.0	51.1	90	102	33-142	13	20	
1,2-Dichloroethane	ug/L	ND	50	50	38.4	42.8	77	86	47-138	11	20	
1,2-Dichloropropane	ug/L	ND	50	50	44.0	51.4	88	103	55-142	15	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	43.5	49.0	87	98	27-145	12	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	42.6	46.7	85	93	27-140	9	20	
2-Butanone (MEK)	ug/L	ND	250	250	250	288	100	115	39-159	14	20	
2-Hexanone	ug/L	ND	250	250	230	249	92	99	47-151	8	20	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA

Project: Kokomo Racer
Pace Project No.: 50180760

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1884800 1884801

Parameter	Units	50180760038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	204	236	82	94	48-146	14	20	
Acetone	ug/L	ND	250	250	197	219	71	80	31-152	10	20	
Benzene	ug/L	ND	50	50	46.7	52.1	93	104	57-136	11	20	
Bromodichloromethane	ug/L	ND	50	50	42.6	48.8	85	98	49-142	14	20	
Bromoform	ug/L	ND	50	50	40.2	44.1	80	88	39-131	9	20	
Bromomethane	ug/L	ND	50	50	34.9	42.3	70	85	10-162	19	20	
Carbon disulfide	ug/L	ND	50	50	36.8	42.6	74	85	34-142	14	20	
Carbon tetrachloride	ug/L	ND	50	50	40.5	46.9	81	94	47-150	14	20	
Chlorobenzene	ug/L	ND	50	50	47.1	50.4	94	101	42-138	7	20	
Chloroethane	ug/L	ND	50	50	35.6	39.7	71	79	34-148	11	20	
Chloroform	ug/L	ND	50	50	41.6	47.2	83	94	54-136	13	20	
Chloromethane	ug/L	ND	50	50	30.7	35.1	61	70	27-138	13	20	
cis-1,2-Dichloroethene	ug/L	ND	50	50	42.1	49.0	84	98	48-147	15	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	41.6	47.3	83	95	40-142	13	20	
Cyclohexane	ug/L	ND	50	50	38J	43.1J	76	86	36-147		20	N2
Dibromochloromethane	ug/L	ND	50	50	45.0	50.6	90	101	46-143	12	20	
Dichlorodifluoromethane	ug/L	ND	50	50	27.4	31.5	55	63	23-169	14	20	
Ethylbenzene	ug/L	ND	50	50	43.1	46.7	86	93	40-147	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	50	50	45.7	50.1	91	100	37-151	9	20	
Methyl acetate	ug/L	ND	50	50	69.4	81.5	139	163	10-169	16	20	N2
Methyl-tert-butyl ether	ug/L	ND	50	50	39.2	46.1	78	92	46-147	16	20	
Methylcyclohexane	ug/L	ND	50	50	40.3J	45.5J	81	91	40-140		20	N2
Methylene Chloride	ug/L	ND	50	50	49.5	59.0	99	118	40-138	18	20	
Styrene	ug/L	ND	50	50	41.9	45.8	84	92	34-149	9	20	
Tetrachloroethene	ug/L	ND	50	50	45.0	51.0	90	102	37-144	12	20	
Toluene	ug/L	ND	50	50	44.0	49.1	88	98	46-137	11	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	43.1	48.7	86	97	51-145	12	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	40.6	45.9	81	92	41-143	12	20	
Trichloroethene	ug/L	ND	50	50	43.2	48.5	86	97	45-139	12	20	
Trichlorofluoromethane	ug/L	ND	50	50	41.3	46.5	83	93	42-164	12	20	
Vinyl chloride	ug/L	ND	50	50	36.1	40.4	72	81	43-154	11	20	
Xylene (Total)	ug/L	ND	150	150	129	143	86	95	37-146	10	20	
4-Bromofluorobenzene (S)	%.						97	95	84-113			
Dibromofluoromethane (S)	%.						94	93	86-116			
Toluene-d8 (S)	%.						99	98	86-111			

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALIFIERS

Project: Kokomo Racer
Pace Project No.: 50180760

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
D4	Sample was diluted due to the presence of high levels of target analytes.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Kokomo Racer
Pace Project No.: 50180760

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50180760001	**Trip Blank**	EPA 8260	409078		
50180760002	**MW-0617-S1 (092717)**	EPA 8260	409078		
50180760003	**MW-0506-S1 (092717)**	EPA 8260	409078		
50180760004	**EB-1 (092717)**	EPA 8260	409078		
50180760005	**MW-0507-S1 (0-2717)**	EPA 8260	409652		
50180760006	**MW-0503-S1 (0-2717)**	EPA 8260	409078		
50180760007	**MW-0604-S1 (092717)**	EPA 8260	409078		
50180760008	**MW-0504-S1 (092717)**	EPA 8260	409078		
50180760009	**MW-0517-S1 (092717)**	EPA 8260	409652		
50180760010	**FD-1 (092717)**	EPA 8260	409652		
50180760011	**MW-0101-S1U (092717)**	EPA 8260	409078		
50180760012	**MW-0502-S1 (092717)**	EPA 8260	409078		
50180760013	**MW-0505-S1 (092717)**	EPA 8260	409078		
50180760014	**MW-0621-S1 (092717)**	EPA 8260	409078		
50180760015	**MW-0605-S1 (092717)**	EPA 8260	409652		
50180760016	**MW-0620-S1 (092717)**	EPA 8260	409652		
50180760017	**MW-0102-S1U (092717)**	EPA 8260	409079		
50180760018	**MW-0619-S1 (092717)**	EPA 8260	409079		
50180760019	**MW-0622-S1 (092717)**	EPA 8260	409079		
50180760020	**FD-2 (092717)**	EPA 8260	409079		
50180760021	**MW-0623-S1 (092717)**	EPA 8260	409079		
50180760022	**MW-0103-S1U (092717)**	EPA 8260	409079		
50180760023	**MW-0509-S1 (092717)**	EPA 8260	409079		
50180760024	**MW-0501-S1 (092717)**	EPA 8260	409079		
50180760025	**MW-0603-S1 (092717)**	EPA 8260	409079		
50180760026	**MW-0516-S1 (092717)**	EPA 8260	409079		
50180760027	**MW-0618-S1 (092717)**	EPA 8260	409079		
50180760028	**MW-0613-S1 (092717)**	EPA 8260	409079		
50180760029	**EB-2 (092717)**	EPA 8260	409079		
50180760030	**MW-0607-S1 (092717)**	EPA 8260	409079		
50180760031	**MW-0612-S1 (092717)**	EPA 8260	409079		
50180760032	**MW-0606-S1 (092717)**	EPA 8260	409079		
50180760033	**MW-0704-S1 (092717)**	EPA 8260	409079		
50180760034	**MW-0705-S1 (092717)**	EPA 8260	409652		
50180760035	**MW-0608-S1 (092717)**	EPA 8260	409652		
50180760036	**MW-0609-S1 (092717)**	EPA 8260	409652		
50180760037	**MW-0610-S1 (092717)**	EPA 8260	409652		
50180760038	**MW-0602-S1 (092717)**	EPA 8260	409652		

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Page: 1 of 4

2174201

Section A Required Client Information:

Company: Arcadis
Address: 150 w Market (728)
Indpls, IN 46204
Email To: Sarah.Jonker@arcadis.com
Phone: 317-653-0790 Fax: —
Requested Due Date/TAT: —

Section B Required Project Information:

Report To: Sarah Jonker
Copy To: Sarah Fisher
Purchase Order No.: —
Project Name: Kokomo Race
Project Number: IN000884.2017.00006

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 50180760
1	Trip Blank	WG	G	Lab Provided					3				X						X		001
2	MW-0617-S1 (092717)	WG		9-27-17	1119				3				X						X		002
3	MW-0506-S1 (092717)	WG		9-27-17	1137				3				X						X		003
4	EB-1 (092717)	WG			1140				3				X						X		004
5	MW-0507-S1 (092717)	WG			1147				3				X						X		005
6	MW-0503-S1 (092717)	WG			1155				9				X						X		006
7	MW-0604-S1 (092717)	WG			1215				3				X						X		007
8	MW-0504-S1 (092717)	WG			1221				3				X						X		008
9	MW-0517-S1 (092717)	WG			1232				3				X						X		009
10	FD-1 (092717)	WG			—				3				X						X		010
11	MW-0101-S1U (092717)	WG			1245				3				X						X		011
12	MW-0502-S1 (092717)	WG			1253				3				X						X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Arcadis	9-28-17	0750		9/28/17	0750	2.0 See Scan

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Arizona Fox

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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2174202

Section A Required Client Information:

Company:	Arcadis
Address:	150 W Market (728)
	Indpls, IN 46204
Email To:	sarah.jonker@arcadis.com
Phone: 317-231-6500	Fax: —
Requested Due Date/TAT:	—

Section B Required Project Information:

Report To:	Sarah Jonker
Copy To:	Sarah Fisher
Purchase Order No.:	—
Project Name:	Raer Kokomo
Project Number:	IN000884.2017.00006

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER —

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0505-S1 (092717)	GW	G	9/27/17	1305				3				X						X	X		013
2	MW-0621-S1 (092717)	GW	G		1316				3				X						X	X		014
3	MW-0605-S1 (092717)	GW	G		1325				3				X						X	X		015
4	MW-0620-S1 (092717)	GW	G		1337				3				X						X	X		016
5	MW-0502-S1U (092717)	GW	G		1348				3				X						X	X		017
6	MW-0619-S1 (092717)	GW	G		1403				3				X						X	X		018
7	MW-0622-S1 (092717)	GW	G		1412				3				X						X	X		019
8	FD-2(092717)	GW	G		—				3				X						X	X		020
9	MW-0623-S1(092717)	GW	G		1430				3				X						X	X		021
10	MW-0103-S1U(092717)	GW	G		1442				3				X						X	X		022
11	MW-0509-S1(092717)	GW	G		1451				3				X						X	X		023
12	MW-0501-S1(092717)	GW	G	↓	1500				9				X						X	X		024

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / Arcadis	9-28-17	0750	[signature]	9/28/17	0750	2.0

SAMPLE CONDITIONS			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
2.0	SEE SEAL		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Arizona Fox

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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2197461

Section A Required Client Information:

Company: Arcadis
Address: 150 W Market (728)
Indpls, IN 46204
Email To: sarah.jonker@arcadis.com
Phone: 317-231-6500 Fax: —
Requested Due Date/TAT: —

Section B Required Project Information:

Report To: Sarah Jonker
Copy To: Sarah Fisher
Purchase Order No.: —
Project Name: Race Kokomo
Project Number: IN000884.2017.00006

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Analysis Test: 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0603-S1 (092717)	WG	G	9-27-17	1535				3				X						X		025
2	MW-0516-S1 (092717)	WG			1545				3				X						X		026
3	MW-0618-S1 (092717)	WG			1558				3				X						X		027
4	MW-0613-S1 (092717)	WG			1606				3				X						X		028
5	EB-2 (092717)	WQ			1610				3				X						X		029
6	MW-0607-S1 (092717)	WG			1620				3				X						X		030
7	MW-0612-S1 (092717)	WG			1628				3				X						X		031
8	MW-0606-S1 (092717)	WG			1636				3				X						X		032
9	MW-0704-S1 (092717)	WG			1643				3				X						X		033
10	MW-0705-S1 (092717)	WG			1651				3				X						X		034
11	MW-0608-S1 (092717)	WG			1659				3				X						X		035
12	MW-0609-S1 (092717)	WG			1708				3				X						X		036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / Arcadis	9-28-17	0750	[signature]	9/28/17	0750	2.0	SEE	SEAL	

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Arizona Fox
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

Temp In °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of 4

2197462

Section A Required Client Information:

Company:	Arcadis
Address:	150 W Market (778) Indpls, IN 46204
Email To:	sarah.jonker@arcadis.com
Phone: 317-231-6500	Fax: —
Requested Due Date/TAT:	—

Section B Required Project Information:

Report To:	Sarah Jonker
Copy To:	Sarah Fisher
Purchase Order No.:	—
Project Name:	Racer Kokomo
Project Number:	IN000884.2017.00006

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0600-S1 (092717)	WS	G	9-27-17	1721				3				X						X		50180760 037
2	MW-0602-S1 (092717)	WS	G	9-27-17	1729				3				X						X		038
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	AF / Arcadis	9/28/17	0750		9/28/17	0750	7.0

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Arizona Fox

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/28/17

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Project # 50180760

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer 1 2 3 4 5 6 A B C D E F Type of Ice: Wet Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 2.0/2.0 Ice Visible in Sample Containers: ☐ yes ☑ no

(Initial/Corrected) Temp should be above freezing to 6°C

Date/Time and Initials of person examining contents: MB 9/28/17 10:35

		Comments
Are samples from West Virginia? Document any containers out of temp.	☐Yes ☑No	1.
Chain of Custody Present:	☑Yes ☐No	2.
Chain of Custody Filled Out:	☑Yes ☐No	3.
Short Hold Time Analysis (<72hr):	☐Yes ☑No	4. Date/Time 5035A T/C placed in Freezer:_____ Short Holds Taken to Lab: _____
Rush Turn Around Time Requested:	☐Yes ☑No	5.
Containers Intact:	☑Yes ☐No	6.
Sample Labels match COC: -Includes date/time/ID/Analysis	☑Yes ☐No	7.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, O&G All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.	☐Yes ☐No ☑N/A	8 (Circle) HNO3 H2SO4 NaOH NaOH/ZnAc
Residual Chlorine Check (SVOC 625 Pest/PCB 608)		9. Present Absent
Residual Chlorine Check (Total/Amenable/Free Cyanide)		10. Present Absent
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	11
Headspace Wisconsin Sulfide	☐Yes ☐No ☑N/A	12
Trip Blank Present: ☑Yes ☐No Custody Seals	☑Yes ☐No	13

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

MSV - FORM II VOA-1
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3B

LAB SAMPLE ID	SAMPLE NAME	BFB	DIBF	TOL8
1882368	1882368BLANK	93	97	100
1882369	1882369LCS	97	91	104
1882370	1882370MS	95	93	102
1882371	1882371MSD	94	95	100
50180760017	MW-0102-S1U (092717)	93	100	99
50180760018	MW-0619-S1 (092717)	92	100	98
50180760019	MW-0622-S1 (092717)	92	99	98
50180760020	FD-2 (092717)	93	97	98
50180760021	MW-0623-S1 (092717)	94	97	100
50180760022	MW-0103-S1U (092717)	93	97	97
50180760023	MW-0509-S1 (092717)	93	97	98
50180760024	MW-0501-S1 (092717)	92	98	96
50180760025	MW-0603-S1 (092717)	95	95	99
50180760026	MW-0516-S1 (092717)	96	97	101
50180760027	MW-0618-S1 (092717)	93	98	101
50180760028	MW-0613-S1 (092717)	92	97	98
50180760029	EB-2 (092717)	94	99	101
50180760030	MW-0607-S1 (092717)	92	95	97
50180760031	MW-0612-S1 (092717)	94	94	100
50180760032	MW-0606-S1 (092717)	91	95	98
50180760033	MW-0704-S1 (092717)	94	97	98

	QC LIMITS
(BFB) = 4-Bromofluorobenzene (S)	(84-113)
(DIBF) = Dibromofluoromethane (S)	(86-116)
(TOL8) = Toluene-d8 (S)	(86-111)

* Values outside of QC Limits

MSV - FORM II VOA-2
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3B

LAB SAMPLE ID	SAMPLE NAME	BFB	DIBF	TOL8
1884798	1884798BLANK	91	96	96
1884799	1884799LCS	96	94	102
1884800	1884800MS	97	94	99
1884801	1884801MSD	95	93	98
50180760005	MW-0507-S1 (0-2717)	93	95	98
50180760009	MW-0517-S1 (092717)	90	99	97
50180760010	FD-1 (092717)	93	94	96
50180760015	MW-0605-S1 (092717)	92	99	98
50180760016	MW-0620-S1 (092717)	91	98	97
50180760034	MW-0705-S1 (092717)	93	95	98
50180760035	MW-0608-S1 (092717)	93	97	98
50180760036	MW-0609-S1 (092717)	94	94	99
50180760037	MW-0610-S1 (092717)	94	95	99
50180760038	MW-0602-S1 (092717)	91	94	99

	QC LIMITS
(BFB) = 4-Bromofluorobenzene (S)	(84-113)
(DIBF) = Dibromofluoromethane (S)	(86-116)
(TOL8) = Toluene-d8 (S)	(86-111)

* Values outside of QC Limits

MSV - FORM II VOA-1
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3A

LAB SAMPLE ID	SAMPLE NAME	BFB	DIBF	TOL8
1882363	1882363BLANK	96	95	101
1882364	1882364LCS	100	91	100
1882365	1882365MS	97	92	98
1882366	1882366MSD	98	90	97
50180760001	Trip Blank	95	95	100
50180760002	MW-0617-S1 (092717)	96	98	97
50180760003	MW-0506-S1 (092717)	96	97	99
50180760004	EB-1 (092717)	93	98	97
50180760006	MW-0503-S1 (0-2717)	94	95	98
50180760007	MW-0604-S1 (092717)	93	95	96
50180760008	MW-0504-S1 (092717)	93	97	97
50180760011	MW-0101-S1U (092717)	95	95	98
50180760012	MW-0502-S1 (092717)	96	97	100
50180760013	MW-0505-S1 (092717)	95	97	97
50180760014	MW-0621-S1 (092717)	94	95	96

	QC LIMITS
(BFB) = 4-Bromofluorobenzene (S)	(84-113)
(DIBF) = Dibromofluoromethane (S)	(86-116)
(TOL8) = Toluene-d8 (S)	(86-111)

* Values outside of QC Limits

MSV - FORM III VOA-1

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1882369LCS
Date Extracted: 10/05/2017
Date Analyzed (1): 10/05/2017
Instrument: 50MV3B
LCS Lot No: 159793
Lab File ID: B100517.B\D02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	250	187	75	39-166
Benzene	50.0	45.4	91	79-120
Bromodichloromethane	50.0	43.2	86	76-125
Bromoform	50.0	43.7	87	69-119
Bromomethane	50.0	48.1	96	27-161
2-Butanone (MEK)	250	249	99	61-150
Carbon disulfide	50.0	42.1	84	60-130
Carbon tetrachloride	50.0	42.5	85	74-132
Chlorobenzene	50.0	47.3	95	77-116
Chloroethane	50.0	39.5	79	51-132
Chloroform	50.0	41.1	82	76-118
Chloromethane	50.0	41.2	82	46-126
Cyclohexane	50.0	39.4J	79	72-126
1,2-Dibromo-3-chloropropane	50.0	44.7	89	72-124
Dibromochloromethane	50.0	49.1	98	80-123
1,2-Dibromoethane (EDB)	50.0	48.8	98	81-123
1,2-Dichlorobenzene	50.0	46.0	92	77-118
1,3-Dichlorobenzene	50.0	44.1	88	74-120
1,4-Dichlorobenzene	50.0	42.4	85	72-118
Dichlorodifluoromethane	50.0	52.7	105	42-152
1,1-Dichloroethane	50.0	41.8	84	77-122
1,2-Dichloroethane	50.0	38.2	76	72-119
1,1-Dichloroethene	50.0	44.2	88	70-131
cis-1,2-Dichloroethene	50.0	42.0	84	74-126
trans-1,2-Dichloroethene	50.0	44.2	88	74-128
1,2-Dichloropropane	50.0	42.3	85	78-125
cis-1,3-Dichloropropene	50.0	45.6	91	78-125
trans-1,3-Dichloropropene	50.0	43.8	88	75-132
Ethylbenzene	50.0	43.5	87	80-123
2-Hexanone	250	226	91	67-141
Isopropylbenzene (Cumene)	50.0	46.4	93	80-122
Methyl acetate	50.0	84.7	169	33-194
Methylcyclohexane	50.0	41.1J	82	80-124
Methylene Chloride	50.0	52.9	106	62-126
4-Methyl-2-pentanone (MIBK)	250	219	88	71-131
Methyl-tert-butyl ether	50.0	41.5	83	63-131
Styrene	50.0	42.8	86	81-125
1,1,2,2-Tetrachloroethane	50.0	41.6	83	74-124
Tetrachloroethene	50.0	46.4	93	74-119
Toluene	50.0	46.3	93	77-117
1,2,4-Trichlorobenzene	50.0	40.8	82	69-129
1,1,1-Trichloroethane	50.0	40.3	81	72-126
1,1,2-Trichloroethane	50.0	42.5	85	79-121
Trichloroethene	50.0	43.4	87	75-119
Trichlorofluoromethane	50.0	48.6	97	57-152
1,1,2-Trichlorotrifluoroethane	50.0	44.0	88	79-121
Vinyl chloride	50.0	44.3	89	62-137

MSV - FORM III VOA-2

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1882369LCS
Date Extracted: 10/05/2017
Date Analyzed (1): 10/05/2017
Instrument: 50MV3B
LCS Lot No: 159793
Lab File ID: B100517.B\D02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Xylene (Total)	150	132	88	79-121

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-1

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1882364LCS
Date Extracted: 10/05/2017
Date Analyzed (1): 10/05/2017
Instrument: 50MV3A
LCS Lot No: 159793
Lab File ID: A100517.B\C02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	250	188	75	39-166
Benzene	50.0	44.4	89	79-120
Bromodichloromethane	50.0	42.2	84	76-125
Bromoform	50.0	43.3	87	69-119
Bromomethane	50.0	55.7	111	27-161
2-Butanone (MEK)	250	223	89	61-150
Carbon disulfide	50.0	37.7	75	60-130
Carbon tetrachloride	50.0	41.7	83	74-132
Chlorobenzene	50.0	48.1	96	77-116
Chloroethane	50.0	41.1	82	51-132
Chloroform	50.0	41.9	84	76-118
Chloromethane	50.0	40.6	81	46-126
Cyclohexane	50.0	40.7J	81	72-126
1,2-Dibromo-3-chloropropane	50.0	43.8	88	72-124
Dibromochloromethane	50.0	47.3	95	80-123
1,2-Dibromoethane (EDB)	50.0	46.8	94	81-123
1,2-Dichlorobenzene	50.0	45.5	91	77-118
1,3-Dichlorobenzene	50.0	44.2	88	74-120
1,4-Dichlorobenzene	50.0	44.6	89	72-118
Dichlorodifluoromethane	50.0	53.0	106	42-152
1,1-Dichloroethane	50.0	39.7	79	77-122
1,2-Dichloroethane	50.0	38.5	77	72-119
1,1-Dichloroethene	50.0	42.0	84	70-131
cis-1,2-Dichloroethene	50.0	42.4	85	74-126
trans-1,2-Dichloroethene	50.0	43.0	86	74-128
1,2-Dichloropropane	50.0	43.1	86	78-125
cis-1,3-Dichloropropene	50.0	42.8	86	78-125
trans-1,3-Dichloropropene	50.0	42.2	84	75-132
Ethylbenzene	50.0	44.5	89	80-123
2-Hexanone	250	219	88	67-141
Isopropylbenzene (Cumene)	50.0	47.6	95	80-122
Methyl acetate	50.0	98.5	197	33-194
Methylcyclohexane	50.0	42.7J	85	80-124
Methylene Chloride	50.0	41.5	83	62-126
4-Methyl-2-pentanone (MIBK)	250	208	83	71-131
Methyl-tert-butyl ether	50.0	40.8	82	63-131
Styrene	50.0	42.2	84	81-125
1,1,2,2-Tetrachloroethane	50.0	42.6	85	74-124
Tetrachloroethene	50.0	45.2	90	74-119
Toluene	50.0	44.8	90	77-117
1,2,4-Trichlorobenzene	50.0	41.0	82	69-129
1,1,1-Trichloroethane	50.0	40.6	81	72-126
1,1,2-Trichloroethane	50.0	46.1	92	79-121
Trichloroethene	50.0	44.0	88	75-119
Trichlorofluoromethane	50.0	47.9	96	57-152
1,1,2-Trichlorotrifluoroethane	50.0	42.0	84	79-121
Vinyl chloride	50.0	45.7	91	62-137

MSV - FORM III VOA-2

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1882364LCS
Date Extracted: 10/05/2017
Date Analyzed (1): 10/05/2017
Instrument: 50MV3A
LCS Lot No: 159793
Lab File ID: A100517.B\C02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Xylene (Total)	150	136	90	79-121

Spike Recovery: 1 out of 48 outside limits.

MSV - FORM III VOA-1

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1884799LCS
Date Extracted: 10/10/2017
Date Analyzed (1): 10/10/2017
Instrument: 50MV3B
LCS Lot No: 159793
Lab File ID: B101017.B\B02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	250	226	90	39-166
Benzene	50.0	45.6	91	79-120
Bromodichloromethane	50.0	43.1	86	76-125
Bromoform	50.0	42.4	85	69-119
Bromomethane	50.0	32.4	65	27-161
2-Butanone (MEK)	250	259	104	61-150
Carbon disulfide	50.0	39.1	78	60-130
Carbon tetrachloride	50.0	42.9	86	74-132
Chlorobenzene	50.0	46.1	92	77-116
Chloroethane	50.0	36.9	74	51-132
Chloroform	50.0	42.3	85	76-118
Chloromethane	50.0	29.9	60	46-126
Cyclohexane	50.0	38.1J	76	72-126
1,2-Dibromo-3-chloropropane	50.0	42.8	86	72-124
Dibromochloromethane	50.0	47.3	95	80-123
1,2-Dibromoethane (EDB)	50.0	45.8	92	81-123
1,2-Dichlorobenzene	50.0	47.4	95	77-118
1,3-Dichlorobenzene	50.0	45.4	91	74-120
1,4-Dichlorobenzene	50.0	43.7	87	72-118
Dichlorodifluoromethane	50.0	26.8	54	42-152
1,1-Dichloroethane	50.0	40.6	81	77-122
1,2-Dichloroethane	50.0	38.6	77	72-119
1,1-Dichloroethene	50.0	41.8	84	70-131
cis-1,2-Dichloroethene	50.0	43.8	88	74-126
trans-1,2-Dichloroethene	50.0	44.0	88	74-128
1,2-Dichloropropane	50.0	44.0	88	78-125
cis-1,3-Dichloropropene	50.0	43.4	87	78-125
trans-1,3-Dichloropropene	50.0	43.0	86	75-132
Ethylbenzene	50.0	42.4	85	80-123
2-Hexanone	250	218	87	67-141
Isopropylbenzene (Cumene)	50.0	45.1	90	80-122
Methyl acetate	50.0	79.0	158	33-194
Methylcyclohexane	50.0	40.6J	81	80-124
Methylene Chloride	50.0	50.9	102	62-126
4-Methyl-2-pentanone (MIBK)	250	198	79	71-131
Methyl-tert-butyl ether	50.0	38.9	78	63-131
Styrene	50.0	42.0	84	81-125
1,1,2,2-Tetrachloroethane	50.0	40.3	81	74-124
Tetrachloroethene	50.0	47.0	94	74-119
Toluene	50.0	44.2	88	77-117
1,2,4-Trichlorobenzene	50.0	45.9	92	69-129
1,1,1-Trichloroethane	50.0	40.5	81	72-126
1,1,2-Trichloroethane	50.0	40.3	81	79-121
Trichloroethene	50.0	44.3	89	75-119
Trichlorofluoromethane	50.0	41.9	84	57-152
1,1,2-Trichlorotrifluoroethane	50.0	40.9	82	79-121
Vinyl chloride	50.0	35.2	70	62-137

MSV - FORM III VOA-2

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1884799LCS
Date Extracted: 10/10/2017
Date Analyzed (1): 10/10/2017
Instrument: 50MV3B
LCS Lot No: 159793
Lab File ID: B101017.B\B02LCSW.D
SDG No.: 50180760

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Xylene (Total)	150	129	86	79-121

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1882370MS
Date Extracted: 10/06/2017
Date Analyzed (1): 10/06/2017
Instrument: 50MV3B
Lab File ID: B100517.B\D12.D
Parent Sample ID: MW-0501-S1 (092717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
1,1,1-Trichloroethane	50.0	ND	38.0	76	52-142
1,1,2,2-Tetrachloroethane	50.0	ND	45.6	91	48-143
1,1,2-Trichloroethane	50.0	ND	46.4	93	51-139
1,1,2-Trichlorotrifluoroethane	50.0	ND	43.0	86	36-144
1,1-Dichloroethane	50.0	ND	40.0	80	53-139
1,1-Dichloroethene	50.0	ND	41.8	84	50-149
1,2,4-Trichlorobenzene	50.0	ND	26.7	53	24-146
1,2-Dibromo-3-chloropropane	50.0	ND	48.6	97	35-137
1,2-Dibromoethane (EDB)	50.0	ND	49.6	99	54-141
1,2-Dichlorobenzene	50.0	ND	32.7	65	33-142
1,2-Dichloroethane	50.0	ND	41.7	83	47-138
1,2-Dichloropropane	50.0	ND	42.6	85	55-142
1,3-Dichlorobenzene	50.0	ND	26.9	54	27-145
1,4-Dichlorobenzene	50.0	ND	26.5	53	27-140
2-Butanone (MEK)	250	ND	291	116	39-159
2-Hexanone	250	ND	261	105	47-151
4-Methyl-2-pentanone (MIBK)	250	ND	243	97	48-146
Acetone	250	ND	273	85	31-152
Benzene	50.0	ND	41.6	83	57-136
Bromodichloromethane	50.0	ND	41.4	83	49-142
Bromoform	50.0	ND	45.7	91	39-131
Bromomethane	50.0	ND	46.5	93	10-162
Carbon disulfide	50.0	ND	37.8	76	34-142
Carbon tetrachloride	50.0	ND	39.2	78	47-150
Chlorobenzene	50.0	ND	35.1	70	42-138
Chloroethane	50.0	ND	39.3	79	34-148
Chloroform	50.0	ND	41.4	83	54-136
Chloromethane	50.0	ND	41.6	83	27-138
Cyclohexane	50.0	ND	36J	72	36-147
Dibromochloromethane	50.0	ND	48.4	97	46-143
Dichlorodifluoromethane	50.0	ND	52.0	104	23-169
Ethylbenzene	50.0	ND	28.7	57	40-147
Isopropylbenzene (Cumene)	50.0	ND	26.1	52	37-151
Methyl acetate	50.0	ND	75.8	152	10-169
Methyl-tert-butyl ether	50.0	ND	46.4	93	46-147
Methylcyclohexane	50.0	ND	33.3J	67	40-140
Methylene Chloride	50.0	ND	53.3	107	40-138
Styrene	50.0	ND	29.7	59	34-149
Tetrachloroethene	50.0	ND	31.6	63	37-144
Toluene	50.0	ND	35.7	71	46-137
Trichloroethene	50.0	ND	36.3	73	45-139
Trichlorofluoromethane	50.0	ND	48.1	96	42-164
Vinyl chloride	50.0	ND	44.8	90	43-154
Xylene (Total)	150	ND	84.4	56	37-146
cis-1,2-Dichloroethene	50.0	ND	44.1	84	48-147
cis-1,3-Dichloropropene	50.0	ND	40.6	81	40-142
trans-1,2-Dichloroethene	50.0	ND	41.2	82	51-145

MSV - FORM III VOA-2

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1882370MS

Date Extracted: 10/06/2017
Date Analyzed (1): 10/06/2017

Instrument: 50MV3B
Lab File ID: B100517.B\D12.D

Parent Sample ID: MW-0501-S1 (092717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
trans-1,3-Dichloropropene	50.0	ND	40.9	82	41-143

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-3

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3B Matrix Spike Duplicate - Sample No: 1882371MSD

Lab File ID (2): B100517.B\D13.D Date Analyzed (2): 10/06/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
1,1,1-Trichloroethane	50.0	38.3	77	1	0-20	52-142
1,1,2,2-Tetrachloroethane	50.0	42.2	84	8	0-20	48-143
1,1,2-Trichloroethane	50.0	43.8	88	6	0-20	51-139
1,1,2-Trichlorotrifluoroethane	50.0	44.8	90	4	0-20	36-144
1,1-Dichloroethane	50.0	41.2	82	3	0-20	53-139
1,1-Dichloroethene	50.0	43.7	87	4	0-20	50-149
1,2,4-Trichlorobenzene	50.0	22.3	45	18	0-20	24-146
1,2-Dibromo-3-chloropropane	50.0	47.6	95	2	0-20	35-137
1,2-Dibromoethane (EDB)	50.0	46.4	93	7	0-20	54-141
1,2-Dichlorobenzene	50.0	27.8	56	16	0-20	33-142
1,2-Dichloroethane	50.0	41.2	82	1	0-20	47-138
1,2-Dichloropropane	50.0	41.8	84	2	0-20	55-142
1,3-Dichlorobenzene	50.0	22.9	46	16	0-20	27-145
1,4-Dichlorobenzene	50.0	22.2	44	18	0-20	27-140
2-Butanone (MEK)	250	288	115	1	0-20	39-159
2-Hexanone	250	251	100	4	0-20	47-151
4-Methyl-2-pentanone (MIBK)	250	236	94	3	0-20	48-146
Acetone	250	270	84	1	0-20	31-152
Benzene	50.0	41.5	83	0	0-20	57-136
Bromodichloromethane	50.0	41.6	83	0	0-20	49-142
Bromoform	50.0	42.9	86	6	0-20	39-131
Bromomethane	50.0	50.2	100	8	0-20	10-162
Carbon disulfide	50.0	38.9	78	3	0-20	34-142
Carbon tetrachloride	50.0	39.0	78	0	0-20	47-150
Chlorobenzene	50.0	32.4	65	8	0-20	42-138
Chloroethane	50.0	40.5	81	3	0-20	34-148
Chloroform	50.0	40.8	82	2	0-20	54-136
Chloromethane	50.0	44.0	88	6	0-20	27-138
Cyclohexane	50.0	34.9J	70		0-20	36-147
Dibromochloromethane	50.0	44.1	88	9	0-20	46-143
Dichlorodifluoromethane	50.0	55.6	111	7	0-20	23-169
Ethylbenzene	50.0	26.0	52	10	0-20	40-147
Isopropylbenzene (Cumene)	50.0	22.6	45	14	0-20	37-151
Methyl acetate	50.0	74.2	148	2	0-20	10-169
Methyl-tert-butyl ether	50.0	45.8	92	1	0-20	46-147
Methylcyclohexane	50.0	33.1J	66		0-20	40-140
Methylene Chloride	50.0	53.7	107	1	0-20	40-138
Styrene	50.0	26.8	54	10	0-20	34-149
Tetrachloroethene	50.0	29.2	58	8	0-20	37-144
Toluene	50.0	33.4	67	6	0-20	46-137
Trichloroethene	50.0	35.8	72	1	0-20	45-139
Trichlorofluoromethane	50.0	49.3	99	2	0-20	42-164
Vinyl chloride	50.0	46.4	93	3	0-20	43-154
Xylene (Total)	150	75.9	51	11	0-20	37-146
cis-1,2-Dichloroethene	50.0	44.0	84	0	0-20	48-147
cis-1,3-Dichloropropene	50.0	38.6	77	5	0-20	40-142
trans-1,2-Dichloroethene	50.0	41.5	83	1	0-20	51-145
trans-1,3-Dichloropropene	50.0	38.9	78	5	0-20	41-143

MSV - FORM III VOA-4

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3B Matrix Spike Duplicate - Sample No: 1882371MSD

Lab File ID (2): B100517.B\D13.D Date Analyzed (2): 10/06/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.

RPD: 0 out of 46 outside limits.

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1882365MS
Date Extracted: 10/06/2017
Date Analyzed (1): 10/06/2017
Instrument: 50MV3A
Lab File ID: A100517.B\C11.D
Parent Sample ID: MW-0503-S1 (0-2717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
1,1,1-Trichloroethane	50.0	ND	35.6	71	52-142
1,1,2,2-Tetrachloroethane	50.0	ND	42.3	85	48-143
1,1,2-Trichloroethane	50.0	ND	41.8	84	51-139
1,1,2-Trichlorotrifluoroethane	50.0	ND	40.4	81	36-144
1,1-Dichloroethane	50.0	ND	37.1	74	53-139
1,1-Dichloroethene	50.0	ND	37.7	75	50-149
1,2,4-Trichlorobenzene	50.0	ND	23.8	48	24-146
1,2-Dibromo-3-chloropropane	50.0	ND	37.2	74	35-137
1,2-Dibromoethane (EDB)	50.0	ND	43.5	87	54-141
1,2-Dichlorobenzene	50.0	ND	28.3	57	33-142
1,2-Dichloroethane	50.0	ND	37.3	75	47-138
1,2-Dichloropropane	50.0	ND	39.7	79	55-142
1,3-Dichlorobenzene	50.0	ND	25.0	50	27-145
1,4-Dichlorobenzene	50.0	ND	25.4	51	27-140
2-Butanone (MEK)	250	ND	246	98	39-159
2-Hexanone	250	ND	221	89	47-151
4-Methyl-2-pentanone (MIBK)	250	ND	211	84	48-146
Acetone	250	ND	252	87	31-152
Benzene	50.0	ND	37.9	76	57-136
Bromodichloromethane	50.0	ND	38.1	76	49-142
Bromoform	50.0	ND	41.8	84	39-131
Bromomethane	50.0	ND	51.8	104	10-162
Carbon disulfide	50.0	ND	32.7	65	34-142
Carbon tetrachloride	50.0	ND	34.9	70	47-150
Chlorobenzene	50.0	ND	32.4	65	42-138
Chloroethane	50.0	ND	38.9	78	34-148
Chloroform	50.0	ND	39.0	78	54-136
Chloromethane	50.0	ND	39.0	78	27-138
Cyclohexane	50.0	ND	34.5J	69	36-147
Dibromochloromethane	50.0	ND	42.7	85	46-143
Dichlorodifluoromethane	50.0	ND	49.9	100	23-169
Ethylbenzene	50.0	ND	27.0	53	40-147
Isopropylbenzene (Cumene)	50.0	ND	25.1	50	37-151
Methyl acetate	50.0	ND	80.3	161	10-169
Methyl-tert-butyl ether	50.0	ND	43.1	86	46-147
Methylcyclohexane	50.0	ND	33.9J	68	40-140
Methylene Chloride	50.0	ND	38.7	77	40-138
Styrene	50.0	ND	27.4	55	34-149
Tetrachloroethene	50.0	ND	29.5	59	37-144
Toluene	50.0	ND	32.3	64	46-137
Trichloroethene	50.0	ND	33.6	67	45-139
Trichlorofluoromethane	50.0	ND	47.0	94	42-164
Vinyl chloride	50.0	ND	41.8	84	43-154
Xylene (Total)	150	ND	82.2	55	37-146
cis-1,2-Dichloroethene	50.0	ND	38.9	78	48-147
cis-1,3-Dichloropropene	50.0	ND	36.0	72	40-142
trans-1,2-Dichloroethene	50.0	ND	37.8	76	51-145

MSV - FORM III VOA-2

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1882365MS

Date Extracted: 10/06/2017
Date Analyzed (1): 10/06/2017

Instrument: 50MV3A
Lab File ID: A100517.B\C11.D

Parent Sample ID: MW-0503-S1 (0-2717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
trans-1,3-Dichloropropene	50.0	ND	36.2	72	41-143

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-3

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3A Matrix Spike Duplicate - Sample No: 1882366MSD

Lab File ID (2): A100517.B\C12.D Date Analyzed (2): 10/06/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
1,1,1-Trichloroethane	50.0	38.2	76	7	0-20	52-142
1,1,2,2-Tetrachloroethane	50.0	43.1	86	2	0-20	48-143
1,1,2-Trichloroethane	50.0	44.3	89	6	0-20	51-139
1,1,2-Trichlorotrifluoroethane	50.0	42.1	84	4	0-20	36-144
1,1-Dichloroethane	50.0	39.4	79	6	0-20	53-139
1,1-Dichloroethene	50.0	40.7	81	8	0-20	50-149
1,2,4-Trichlorobenzene	50.0	22.3	45	6	0-20	24-146
1,2-Dibromo-3-chloropropane	50.0	45.2	90	19	0-20	35-137
1,2-Dibromoethane (EDB)	50.0	46.6	93	7	0-20	54-141
1,2-Dichlorobenzene	50.0	28.1	56	1	0-20	33-142
1,2-Dichloroethane	50.0	39.7	79	6	0-20	47-138
1,2-Dichloropropane	50.0	40.6	81	2	0-20	55-142
1,3-Dichlorobenzene	50.0	24.1	48	4	0-20	27-145
1,4-Dichlorobenzene	50.0	23.6	47	7	0-20	27-140
2-Butanone (MEK)	250	267	107	8	0-20	39-159
2-Hexanone	250	244	98	10	0-20	47-151
4-Methyl-2-pentanone (MIBK)	250	224	90	6	0-20	48-146
Acetone	250	269	94	7	0-20	31-152
Benzene	50.0	40.6	81	7	0-20	57-136
Bromodichloromethane	50.0	39.9	80	5	0-20	49-142
Bromoform	50.0	42.1	84	1	0-20	39-131
Bromomethane	50.0	55.6	111	7	0-20	10-162
Carbon disulfide	50.0	34.2	68	4	0-20	34-142
Carbon tetrachloride	50.0	37.2	74	6	0-20	47-150
Chlorobenzene	50.0	33.1	66	2	0-20	42-138
Chloroethane	50.0	42.4	85	9	0-20	34-148
Chloroform	50.0	41.2	82	5	0-20	54-136
Chloromethane	50.0	41.1	82	5	0-20	27-138
Cyclohexane	50.0	37.1J	74		0-20	36-147
Dibromochloromethane	50.0	45.0	90	5	0-20	46-143
Dichlorodifluoromethane	50.0	54.0	108	8	0-20	23-169
Ethylbenzene	50.0	27.4	54	2	0-20	40-147
Isopropylbenzene (Cumene)	50.0	25.0	50	1	0-20	37-151
Methyl acetate	50.0	81.3	163	1	0-20	10-169
Methyl-tert-butyl ether	50.0	44.9	90	4	0-20	46-147
Methylcyclohexane	50.0	35.5J	71		0-20	40-140
Methylene Chloride	50.0	39.6	79	2	0-20	40-138
Styrene	50.0	27.7	55	1	0-20	34-149
Tetrachloroethene	50.0	30.0	60	2	0-20	37-144
Toluene	50.0	33.9	68	5	0-20	46-137
Trichloroethene	50.0	35.5	71	6	0-20	45-139
Trichlorofluoromethane	50.0	48.4	97	3	0-20	42-164
Vinyl chloride	50.0	45.4	91	8	0-20	43-154
Xylene (Total)	150	82.0	55	0	0-20	37-146
cis-1,2-Dichloroethene	50.0	41.1	82	5	0-20	48-147
cis-1,3-Dichloropropene	50.0	38.3	77	6	0-20	40-142
trans-1,2-Dichloroethene	50.0	39.9	80	5	0-20	51-145
trans-1,3-Dichloropropene	50.0	37.9	76	5	0-20	41-143

MSV - FORM III VOA-4

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3A Matrix Spike Duplicate - Sample No: 1882366MSD

Lab File ID (2): A100517.B\C12.D Date Analyzed (2): 10/06/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.

RPD: 0 out of 46 outside limits.

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1884800MS
Date Extracted: 10/10/2017
Date Analyzed (1): 10/10/2017
Instrument: 50MV3B
Lab File ID: B101017.B\B20.D
Parent Sample ID: MW-0602-S1 (092717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
1,1,1-Trichloroethane	50.0	ND	39.6	79	52-142
1,1,2,2-Tetrachloroethane	50.0	ND	41.3	83	48-143
1,1,2-Trichloroethane	50.0	ND	42.3	85	51-139
1,1,2-Trichlorotrifluoroethane	50.0	ND	40.8	82	36-144
1,1-Dichloroethane	50.0	ND	40.6	81	53-139
1,1-Dichloroethene	50.0	ND	42.5	85	50-149
1,2,4-Trichlorobenzene	50.0	ND	42.0	84	24-146
1,2-Dibromo-3-chloropropane	50.0	ND	50.4	101	35-137
1,2-Dibromoethane (EDB)	50.0	ND	44.9	90	54-141
1,2-Dichlorobenzene	50.0	ND	45.0	90	33-142
1,2-Dichloroethane	50.0	ND	38.4	77	47-138
1,2-Dichloropropane	50.0	ND	44.0	88	55-142
1,3-Dichlorobenzene	50.0	ND	43.5	87	27-145
1,4-Dichlorobenzene	50.0	ND	42.6	85	27-140
2-Butanone (MEK)	250	ND	250	100	39-159
2-Hexanone	250	ND	230	92	47-151
4-Methyl-2-pentanone (MIBK)	250	ND	204	82	48-146
Acetone	250	ND	197	71	31-152
Benzene	50.0	ND	46.7	93	57-136
Bromodichloromethane	50.0	ND	42.6	85	49-142
Bromoform	50.0	ND	40.2	80	39-131
Bromomethane	50.0	ND	34.9	70	10-162
Carbon disulfide	50.0	ND	36.8	74	34-142
Carbon tetrachloride	50.0	ND	40.5	81	47-150
Chlorobenzene	50.0	ND	47.1	94	42-138
Chloroethane	50.0	ND	35.6	71	34-148
Chloroform	50.0	ND	41.6	83	54-136
Chloromethane	50.0	ND	30.7	61	27-138
Cyclohexane	50.0	ND	38J	76	36-147
Dibromochloromethane	50.0	ND	45.0	90	46-143
Dichlorodifluoromethane	50.0	ND	27.4	55	23-169
Ethylbenzene	50.0	ND	43.1	86	40-147
Isopropylbenzene (Cumene)	50.0	ND	45.7	91	37-151
Methyl acetate	50.0	ND	69.4	139	10-169
Methyl-tert-butyl ether	50.0	ND	39.2	78	46-147
Methylcyclohexane	50.0	ND	40.3J	81	40-140
Methylene Chloride	50.0	ND	49.5	99	40-138
Styrene	50.0	ND	41.9	84	34-149
Tetrachloroethene	50.0	ND	45.0	90	37-144
Toluene	50.0	ND	44.0	88	46-137
Trichloroethene	50.0	ND	43.2	86	45-139
Trichlorofluoromethane	50.0	ND	41.3	83	42-164
Vinyl chloride	50.0	ND	36.1	72	43-154
Xylene (Total)	150	ND	129	86	37-146
cis-1,2-Dichloroethene	50.0	ND	42.1	84	48-147
cis-1,3-Dichloropropene	50.0	ND	41.6	83	40-142
trans-1,2-Dichloroethene	50.0	ND	43.1	86	51-145

MSV - FORM III VOA-2

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - Indiana
Matrix Spike - Sample No: 1884800MS

Date Extracted: 10/10/2017
Date Analyzed (1): 10/10/2017

Instrument: 50MV3B
Lab File ID: B101017.B\B20.D

Parent Sample ID: MW-0602-S1 (092717)
SDG No.: 50180760

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
trans-1,3-Dichloropropene	50.0	ND	40.6	81	41-143

Spike Recovery: 0 out of 48 outside limits.

MSV - FORM III VOA-3

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3B Matrix Spike Duplicate - Sample No: 1884801MSD

Lab File ID (2): B101017.B\B21.D Date Analyzed (2): 10/10/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
1,1,1-Trichloroethane	50.0	44.7	89	12	0-20	52-142
1,1,2,2-Tetrachloroethane	50.0	48.1	96	15	0-20	48-143
1,1,2-Trichloroethane	50.0	46.1	92	9	0-20	51-139
1,1,2-Trichlorotrifluoroethane	50.0	46.0	92	12	0-20	36-144
1,1-Dichloroethane	50.0	47.0	94	15	0-20	53-139
1,1-Dichloroethene	50.0	48.3	97	13	0-20	50-149
1,2,4-Trichlorobenzene	50.0	46.9	94	11	0-20	24-146
1,2-Dibromo-3-chloropropane	50.0	50.5	101	0	0-20	35-137
1,2-Dibromoethane (EDB)	50.0	51.6	103	14	0-20	54-141
1,2-Dichlorobenzene	50.0	51.1	102	13	0-20	33-142
1,2-Dichloroethane	50.0	42.8	86	11	0-20	47-138
1,2-Dichloropropane	50.0	51.4	103	15	0-20	55-142
1,3-Dichlorobenzene	50.0	49.0	98	12	0-20	27-145
1,4-Dichlorobenzene	50.0	46.7	93	9	0-20	27-140
2-Butanone (MEK)	250	288	115	14	0-20	39-159
2-Hexanone	250	249	99	8	0-20	47-151
4-Methyl-2-pentanone (MIBK)	250	236	94	14	0-20	48-146
Acetone	250	219	80	10	0-20	31-152
Benzene	50.0	52.1	104	11	0-20	57-136
Bromodichloromethane	50.0	48.8	98	14	0-20	49-142
Bromoform	50.0	44.1	88	9	0-20	39-131
Bromomethane	50.0	42.3	85	19	0-20	10-162
Carbon disulfide	50.0	42.6	85	14	0-20	34-142
Carbon tetrachloride	50.0	46.9	94	14	0-20	47-150
Chlorobenzene	50.0	50.4	101	7	0-20	42-138
Chloroethane	50.0	39.7	79	11	0-20	34-148
Chloroform	50.0	47.2	94	13	0-20	54-136
Chloromethane	50.0	35.1	70	13	0-20	27-138
Cyclohexane	50.0	43.1J	86		0-20	36-147
Dibromochloromethane	50.0	50.6	101	12	0-20	46-143
Dichlorodifluoromethane	50.0	31.5	63	14	0-20	23-169
Ethylbenzene	50.0	46.7	93	8	0-20	40-147
Isopropylbenzene (Cumene)	50.0	50.1	100	9	0-20	37-151
Methyl acetate	50.0	81.5	163	16	0-20	10-169
Methyl-tert-butyl ether	50.0	46.1	92	16	0-20	46-147
Methylcyclohexane	50.0	45.5J	91		0-20	40-140
Methylene Chloride	50.0	59.0	118	18	0-20	40-138
Styrene	50.0	45.8	92	9	0-20	34-149
Tetrachloroethene	50.0	51.0	102	12	0-20	37-144
Toluene	50.0	49.1	98	11	0-20	46-137
Trichloroethene	50.0	48.5	97	12	0-20	45-139
Trichlorofluoromethane	50.0	46.5	93	12	0-20	42-164
Vinyl chloride	50.0	40.4	81	11	0-20	43-154
Xylene (Total)	150	143	95	10	0-20	37-146
cis-1,2-Dichloroethene	50.0	49.0	98	15	0-20	48-147
cis-1,3-Dichloropropene	50.0	47.3	95	13	0-20	40-142
trans-1,2-Dichloroethene	50.0	48.7	97	12	0-20	51-145
trans-1,3-Dichloropropene	50.0	45.9	92	12	0-20	41-143

MSV - FORM III VOA-4

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 50MV3B Matrix Spike Duplicate - Sample No: 1884801MSD

Lab File ID (2): B101017.B\B21.D Date Analyzed (2): 10/10/2017

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.

RPD: 0 out of 46 outside limits.

Spike Recovery: 0 out of 48 outside limits.

SAMPLE NO.

1882363BLANK

MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3A Matrix: Water Lab Sample ID: 1882363

Lab File ID: A100517.B\C03MBW.D Date Analyzed: 10/05/2017 Time: 23:28

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
1882364LCS	1882364	A100517.B\C02LCSW.D	10/05/2017 22:56
MW-0617-S1 (092717)	50180760002	A100517.B\C06.D	10/06/2017 01:04
MW-0506-S1 (092717)	50180760003	A100517.B\C07.D	10/06/2017 01:36
EB-1 (092717)	50180760004	A100517.B\C08.D	10/06/2017 02:07
MW-0503-S1 (0-2717)	50180760006	A100517.B\C10.D	10/06/2017 03:11
1882365MS	1882365	A100517.B\C11.D	10/06/2017 03:44
1882366MSD	1882366	A100517.B\C12.D	10/06/2017 04:16
MW-0604-S1 (092717)	50180760007	A100517.B\C13.D	10/06/2017 04:48
MW-0504-S1 (092717)	50180760008	A100517.B\C14.D	10/06/2017 05:20
MW-0101-S1U (092717)	50180760011	A100517.B\C17.D	10/06/2017 06:56
MW-0502-S1 (092717)	50180760012	A100517.B\C18.D	10/06/2017 07:28
MW-0505-S1 (092717)	50180760013	A100517.B\C19.D	10/06/2017 08:00
MW-0621-S1 (092717)	50180760014	A100517.B\C20.D	10/06/2017 08:32
Trip Blank	50180760001	A100517.B\C21.D	10/06/2017 09:04
MW-0604-S1 (092717)	50180760007	A100917.B\A19.D	10/09/2017 20:22
MW-0504-S1 (092717)	50180760008	A100917.B\A20.D	10/09/2017 20:54
MW-0621-S1 (092717)	50180760014	A100917.B\C17.D	10/10/2017 07:32

SAMPLE NO.

1882368BLANK

MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3B Matrix: Water Lab Sample ID: 1882368

Lab File ID: B100517.B\D03MBW.D Date Analyzed: 10/05/2017 Time: 23:44

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
1882369LCS	1882369	B100517.B\D02LCSW.D	10/05/2017 23:12
MW-0102-S1U (092717)	50180760017	B100517.B\D04.D	10/06/2017 00:15
MW-0619-S1 (092717)	50180760018	B100517.B\D05.D	10/06/2017 00:47
MW-0622-S1 (092717)	50180760019	B100517.B\D06.D	10/06/2017 01:19
FD-2 (092717)	50180760020	B100517.B\D07.D	10/06/2017 01:51
MW-0623-S1 (092717)	50180760021	B100517.B\D08.D	10/06/2017 02:23
MW-0103-S1U (092717)	50180760022	B100517.B\D09.D	10/06/2017 02:55
MW-0509-S1 (092717)	50180760023	B100517.B\D10.D	10/06/2017 03:27
MW-0501-S1 (092717)	50180760024	B100517.B\D11.D	10/06/2017 03:59
1882370MS	1882370	B100517.B\D12.D	10/06/2017 04:32
1882371MSD	1882371	B100517.B\D13.D	10/06/2017 05:03
MW-0603-S1 (092717)	50180760025	B100517.B\D14.D	10/06/2017 05:35
MW-0516-S1 (092717)	50180760026	B100517.B\D15.D	10/06/2017 06:07
MW-0618-S1 (092717)	50180760027	B100517.B\D16.D	10/06/2017 06:40
MW-0613-S1 (092717)	50180760028	B100517.B\D17.D	10/06/2017 07:12
EB-2 (092717)	50180760029	B100517.B\D18.D	10/06/2017 07:44
MW-0607-S1 (092717)	50180760030	B100517.B\D19.D	10/06/2017 08:16
MW-0612-S1 (092717)	50180760031	B100517.B\D20.D	10/06/2017 08:48
MW-0606-S1 (092717)	50180760032	B100517.B\D21.D	10/06/2017 09:20
MW-0704-S1 (092717)	50180760033	B100517.B\D22.D	10/06/2017 09:52
MW-0622-S1 (092717)	50180760019	B101017.B\B13.D	10/10/2017 18:17
FD-2 (092717)	50180760020	B101017.B\B14.D	10/10/2017 18:49
MW-0606-S1 (092717)	50180760032	B101017.B\B15.D	10/10/2017 19:21
MW-0704-S1 (092717)	50180760033	B101017.B\B16.D	10/10/2017 19:52

SAMPLE NO.

1884798BLANK

MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Instrument ID: 50MV3B Matrix: Water Lab Sample ID: 1884798

Lab File ID: B101017.B\B03MBW.D Date Analyzed: 10/10/2017 Time: 12:57

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
1884799LCS	1884799	B101017.B\B02LCSW.D	10/10/2017 12:26
MW-0605-S1 (092717)	50180760015	B101017.B\B04.D	10/10/2017 13:29
MW-0705-S1 (092717)	50180760034	B101017.B\B05.D	10/10/2017 14:01
MW-0608-S1 (092717)	50180760035	B101017.B\B06.D	10/10/2017 14:33
MW-0609-S1 (092717)	50180760036	B101017.B\B07.D	10/10/2017 15:05
MW-0610-S1 (092717)	50180760037	B101017.B\B08.D	10/10/2017 15:37
MW-0602-S1 (092717)	50180760038	B101017.B\B09.D	10/10/2017 16:09
MW-0517-S1 (092717)	50180760009	B101017.B\B10.D	10/10/2017 16:41
FD-1 (092717)	50180760010	B101017.B\B11.D	10/10/2017 17:13
MW-0620-S1 (092717)	50180760016	B101017.B\B12.D	10/10/2017 17:45
MW-0608-S1 (092717)	50180760035	B101017.B\B17.D	10/10/2017 20:24
MW-0507-S1 (0-2717)	50180760005	B101017.B\B18.D	10/10/2017 20:56
1884800MS	1884800	B101017.B\B20.D	10/10/2017 22:00
1884801MSD	1884801	B101017.B\B21.D	10/10/2017 22:32

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: A082317CAL.B\A002BFB.D BFB Injection Date: 08/23/2017
Instrument ID: 50MV3A BFB Injection Time: 11:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	19.16	
75	30.00 - 60.00% of mass 95	51.73	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	6.38	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	79.31	
175	5.00 - 9.00% of mass 174	6.18	(7.80)[1]
176	95.00 - 101.00% of mass 174	79.02	(99.63)[1]
177	5.00 - 9.00% of mass 176	5.24	(6.63)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
11917532CAL1	11917532CAL1	A082317CAL.B\A01CAL.D	08/23/2017	12:33
11917531CAL2	11917531CAL2	A082317CAL.B\A02CAL.D	08/23/2017	13:05
11917530CAL3	11917530CAL3	A082317CAL.B\A03CAL.D	08/23/2017	13:37
11917525CAL4	11917525CAL4	A082317CAL.B\A04CAL.D	08/23/2017	14:09
11917528CAL5	11917528CAL5	A082317CAL.B\A05CAL.D	08/23/2017	14:41
11917526CAL6	11917526CAL6	A082317CAL.B\A06CAL.D	08/23/2017	15:13
11917533CAL7	11917533CAL7	A082317CAL.B\A07CAL.D	08/23/2017	15:45
11917529CAL8	11917529CAL8	A082317CAL.B\A08CAL.D	08/23/2017	16:17
11917527ICV	11917527ICV	A082317CAL.B\A10ICV.D	08/23/2017	17:20

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: A100517.B\C00BFB.D BFB Injection Date: 10/05/2017
Instrument ID: 50MV3A BFB Injection Time: 21:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	17.13	
75	30.00 - 60.00% of mass 95	49.35	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	7.08	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	86.05	
175	5.00 - 9.00% of mass 174	6.70	(7.78)[1]
176	95.00 - 101.00% of mass 174	84.03	(97.64)[1]
177	5.00 - 9.00% of mass 176	5.51	(6.56)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12111974CCV	12111974CCV	A100517.B\C01CCV.D	10/05/2017	22:24
1882364LCS	1882364LCS	A100517.B\C02LCSW.D	10/05/2017	22:56
1882363BLANK	1882363BLANK	A100517.B\C03MBW.D	10/05/2017	23:28
MW-0617-S1 (092717)	50180760002	A100517.B\C06.D	10/06/2017	01:04
MW-0506-S1 (092717)	50180760003	A100517.B\C07.D	10/06/2017	01:36
EB-1 (092717)	50180760004	A100517.B\C08.D	10/06/2017	02:07
MW-0503-S1 (0-2717)	50180760006	A100517.B\C10.D	10/06/2017	03:11
1882365MS	1882365MS	A100517.B\C11.D	10/06/2017	03:44
1882366MSD	1882366MSD	A100517.B\C12.D	10/06/2017	04:16
MW-0604-S1 (092717)	50180760007	A100517.B\C13.D	10/06/2017	04:48
MW-0504-S1 (092717)	50180760008	A100517.B\C14.D	10/06/2017	05:20
MW-0101-S1U (092717)	50180760011	A100517.B\C17.D	10/06/2017	06:56
MW-0502-S1 (092717)	50180760012	A100517.B\C18.D	10/06/2017	07:28
MW-0505-S1 (092717)	50180760013	A100517.B\C19.D	10/06/2017	08:00
MW-0621-S1 (092717)	50180760014	A100517.B\C20.D	10/06/2017	08:32
Trip Blank	50180760001	A100517.B\C21.D	10/06/2017	09:04

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: A100917.B\A00BFB.D BFB Injection Date: 10/09/2017
Instrument ID: 50MV3A BFB Injection Time: 10:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	17.13	
75	30.00 - 60.00% of mass 95	48.90	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	6.82	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	87.82	
175	5.00 - 9.00% of mass 174	6.35	(7.23)[1]
176	95.00 - 101.00% of mass 174	85.10	(96.90)[1]
177	5.00 - 9.00% of mass 176	5.70	(6.70)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12125353CCV	12125353CCV	A100917.B\A01CCV.D	10/09/2017	10:48
MW-0604-S1 (092717)	50180760007	A100917.B\A19.D	10/09/2017	20:22
MW-0504-S1 (092717)	50180760008	A100917.B\A20.D	10/09/2017	20:54

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: A100917.B\C00BFB.D BFB Injection Date: 10/09/2017
Instrument ID: 50MV3A BFB Injection Time: 22:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	16.71	
75	30.00 - 60.00% of mass 95	48.73	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	7.13	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	84.67	
175	5.00 - 9.00% of mass 174	6.31	(7.45)[1]
176	95.00 - 101.00% of mass 174	80.60	(95.19)[1]
177	5.00 - 9.00% of mass 176	5.52	(6.85)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12125354CCV	12125354CCV	A100917.B\C01CCV.D	10/09/2017	23:01
MW-0621-S1 (092717)	50180760014	A100917.B\C17.D	10/10/2017	07:32
MW-0605-S1 (092717)	50180760015	A100917.B\C18.D	10/10/2017	08:04
MW-0620-S1 (092717)	50180760016	A100917.B\C19.D	10/10/2017	08:36
MW-0102-S1U (092717)	50180760017	A100917.B\C20.D	10/10/2017	09:08
MW-0619-S1 (092717)	50180760018	A100917.B\C21.D	10/10/2017	09:40

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: B082317CAL.B\B002BFB.D BFB Injection Date: 08/23/2017
Instrument ID: 50MV3B BFB Injection Time: 12:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	21.11	
75	30.00 - 60.00% of mass 95	53.41	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	7.57	
173	Less than 2.00% of mass 174	1.18	(1.67)[1]
174	50.00 - 100.00% of mass 95	70.77	
175	5.00 - 9.00% of mass 174	5.98	(8.45)[1]
176	95.00 - 101.00% of mass 174	67.38	(95.21)[1]
177	5.00 - 9.00% of mass 176	4.65	(6.90)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
11917538CAL1	11917538CAL1	B082317CAL.B\B01CAL.D	08/23/2017	12:49
11917539CAL2	11917539CAL2	B082317CAL.B\B02CAL.D	08/23/2017	13:21
11917542CAL3	11917542CAL3	B082317CAL.B\B03CAL.D	08/23/2017	13:53
11917534CAL4	11917534CAL4	B082317CAL.B\B04CAL.D	08/23/2017	14:25
11917540CAL5	11917540CAL5	B082317CAL.B\B05CAL.D	08/23/2017	14:57
11917536CAL6	11917536CAL6	B082317CAL.B\B06CAL.D	08/23/2017	15:29
11917541CAL7	11917541CAL7	B082317CAL.B\B07CAL.D	08/23/2017	16:01
11917537CAL8	11917537CAL8	B082317CAL.B\B08CAL.D	08/23/2017	16:33
11917535ICV	11917535ICV	B082317CAL.B\B10ICV.D	08/23/2017	17:36

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: B100517.B\D00BFB.D BFB Injection Date: 10/05/2017
Instrument ID: 50MV3B BFB Injection Time: 22:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	17.23	
75	30.00 - 60.00% of mass 95	48.73	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	5.78	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	87.04	
175	5.00 - 9.00% of mass 174	6.89	(7.91)[1]
176	95.00 - 101.00% of mass 174	84.20	(96.74)[1]
177	5.00 - 9.00% of mass 176	5.40	(6.41)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1882369LCS	1882369LCS	B100517.B\D02LCSW.D	10/05/2017	23:12
12113881CCV	12113881CCV	B100517.B\D02LCSW-CCV.D	10/05/2017	23:12
1882368BLANK	1882368BLANK	B100517.B\D03MBW.D	10/05/2017	23:44
MW-0102-S1U (092717)	50180760017	B100517.B\D04.D	10/06/2017	00:15
MW-0619-S1 (092717)	50180760018	B100517.B\D05.D	10/06/2017	00:47
MW-0622-S1 (092717)	50180760019	B100517.B\D06.D	10/06/2017	01:19
FD-2 (092717)	50180760020	B100517.B\D07.D	10/06/2017	01:51
MW-0623-S1 (092717)	50180760021	B100517.B\D08.D	10/06/2017	02:23
MW-0103-S1U (092717)	50180760022	B100517.B\D09.D	10/06/2017	02:55
MW-0509-S1 (092717)	50180760023	B100517.B\D10.D	10/06/2017	03:27
MW-0501-S1 (092717)	50180760024	B100517.B\D11.D	10/06/2017	03:59
1882370MS	1882370MS	B100517.B\D12.D	10/06/2017	04:32
1882371MSD	1882371MSD	B100517.B\D13.D	10/06/2017	05:03
MW-0603-S1 (092717)	50180760025	B100517.B\D14.D	10/06/2017	05:35
MW-0516-S1 (092717)	50180760026	B100517.B\D15.D	10/06/2017	06:07
MW-0618-S1 (092717)	50180760027	B100517.B\D16.D	10/06/2017	06:40
MW-0613-S1 (092717)	50180760028	B100517.B\D17.D	10/06/2017	07:12
EB-2 (092717)	50180760029	B100517.B\D18.D	10/06/2017	07:44
MW-0607-S1 (092717)	50180760030	B100517.B\D19.D	10/06/2017	08:16
MW-0612-S1 (092717)	50180760031	B100517.B\D20.D	10/06/2017	08:48
MW-0606-S1 (092717)	50180760032	B100517.B\D21.D	10/06/2017	09:20
MW-0704-S1 (092717)	50180760033	B100517.B\D22.D	10/06/2017	09:52

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer
Lab File ID: B101017.B\B00BFB.D BFB Injection Date: 10/10/2017
Instrument ID: 50MV3B BFB Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	17.09	
75	30.00 - 60.00% of mass 95	46.67	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	6.03	
173	Less than 2.00% of mass 174	0.27	(0.31)[1]
174	50.00 - 100.00% of mass 95	87.18	
175	5.00 - 9.00% of mass 174	6.12	(7.02)[1]
176	95.00 - 101.00% of mass 174	83.16	(95.39)[1]
177	5.00 - 9.00% of mass 176	5.62	(6.76)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12128488CCV	12128488CCV	B101017.B\B01CCV.D	10/10/2017	11:54
1884799LCS	1884799LCS	B101017.B\B02LCSW.D	10/10/2017	12:26
1884798BLANK	1884798BLANK	B101017.B\B03MBW.D	10/10/2017	12:57
MW-0605-S1 (092717)	50180760015	B101017.B\B04.D	10/10/2017	13:29
MW-0705-S1 (092717)	50180760034	B101017.B\B05.D	10/10/2017	14:01
MW-0608-S1 (092717)	50180760035	B101017.B\B06.D	10/10/2017	14:33
MW-0609-S1 (092717)	50180760036	B101017.B\B07.D	10/10/2017	15:05
MW-0610-S1 (092717)	50180760037	B101017.B\B08.D	10/10/2017	15:37
MW-0602-S1 (092717)	50180760038	B101017.B\B09.D	10/10/2017	16:09
MW-0517-S1 (092717)	50180760009	B101017.B\B10.D	10/10/2017	16:41
FD-1 (092717)	50180760010	B101017.B\B11.D	10/10/2017	17:13
MW-0620-S1 (092717)	50180760016	B101017.B\B12.D	10/10/2017	17:45
MW-0622-S1 (092717)	50180760019	B101017.B\B13.D	10/10/2017	18:17
FD-2 (092717)	50180760020	B101017.B\B14.D	10/10/2017	18:49
MW-0606-S1 (092717)	50180760032	B101017.B\B15.D	10/10/2017	19:21
MW-0704-S1 (092717)	50180760033	B101017.B\B16.D	10/10/2017	19:52
MW-0608-S1 (092717)	50180760035	B101017.B\B17.D	10/10/2017	20:24
MW-0507-S1 (0-2717)	50180760005	B101017.B\B18.D	10/10/2017	20:56
1884800MS	1884800MS	B101017.B\B20.D	10/10/2017	22:00
1884801MSD	1884801MSD	B101017.B\B21.D	10/10/2017	22:32

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Sample ID : 12111974CCV Date Analyzed: 10/05/2017

Instrument ID: 50MV3A GC Column: Col 1 Time Analyzed: 22:24

Lab File ID: A100517.B\C01CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		457299	7.337	163865	8.832	747314	4.153
UPPER LIMIT		914598	7.837	327730	9.332	1494628	4.653
LOWER LIMIT		228649.5	6.837	81932.5	8.332	373657	3.653
LAB SAMPLE ID	SAMPLE NO.						
1882363	1882363BLANK	436583	7.336	156280	8.831	703773	4.147
1882364	1882364LCS	481241	7.336	174873	8.831	806604	4.153
1882365	1882365MS	495064	7.336	170845	8.832	807281	4.148
1882366	1882366MSD	470863	7.336	168590	8.832	778589	4.153
50180760001	Trip Blank	445434	7.336	159503	8.832	726947	4.148
50180760002	MW-0617-S1 (092717)	479944	7.336	160304	8.832	754977	4.148
50180760003	MW-0506-S1 (092717)	435497	7.332	153239	8.833	701168	4.149
50180760004	EB-1 (092717)	427658	7.333	151824	8.834	673204	4.15
50180760006	MW-0503-S1 (0-2717)	431953	7.334	150652	8.835	698688	4.151
50180760007	MW-0604-S1 (092717)	462166	7.332	158431	8.833	726377	4.149
50180760008	MW-0504-S1 (092717)	446375	7.337	155298	8.833	710810	4.149
50180760011	MW-0101-S1U (092717)	447107	7.334	161099	8.835	714814	4.151
50180760012	MW-0502-S1 (092717)	446073	7.332	160339	8.833	722633	4.149
50180760013	MW-0505-S1 (092717)	449996	7.336	156489	8.832	711920	4.153
50180760014	MW-0621-S1 (092717)	490826	7.331	163487	8.832	782518	4.148

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Sample ID : 12125353CCV Date Analyzed: 10/09/2017

Instrument ID: 50MV3A GC Column: Col 1 Time Analyzed: 10:48

Lab File ID: A100917.B\A01CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		504980	7.333	174305	8.834	830366	4.149
UPPER LIMIT		1009960	7.833	348610	9.334	1660732	4.649
LOWER LIMIT		252490	6.833	87152.5	8.334	415183	3.649
LAB SAMPLE ID	SAMPLE NO.						
50180760007	MW-0604-S1 (092717)	435194	7.332	154251	8.832	693554	4.148
50180760008	MW-0504-S1 (092717)	435960	7.335	153886	8.835	686418	4.151

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Sample ID : 12125354CCV Date Analyzed: 10/09/2017

Instrument ID: 50MV3A GC Column: Col 1 Time Analyzed: 23:01

Lab File ID: A100917.B\C01CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		461122	7.336	163291	8.832	761823	4.153
UPPER LIMIT		922244	7.836	326582	9.332	1523646	4.653
LOWER LIMIT		230561	6.836	81645.5	8.332	380911.5	3.653
LAB SAMPLE ID	SAMPLE NO.						
50180760014	MW-0621-S1 (092717)	425410	7.333	147233	8.834	655768	4.15
50180760015	MW-0605-S1 (092717)	471621	7.336	161309	8.831	711040	4.147
50180760016	MW-0620-S1 (092717)	438641	7.334	154160	8.835	663340	4.151
50180760017	MW-0102-S1U (092717)	470194	7.336	161597	8.832	714296	4.148
50180760018	MW-0619-S1 (092717)	465714	7.333	160829	8.834	704113	4.15

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Sample ID : 12113881CCV Date Analyzed: 10/05/2017

Instrument ID: 50MV3B GC Column: Col 1 Time Analyzed: 23:12

Lab File ID: B100517.B\D02LCSW-CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		211883	7.338	113635	8.833	298654	4.16
UPPER LIMIT		423766	7.838	227270	9.333	597308	4.66
LOWER LIMIT		105941.5	6.838	56817.5	8.333	149327	3.66
LAB SAMPLE ID	SAMPLE NO.						
1882368	1882368BLANK	220229	7.336	115398	8.832	282464	4.164
1882369	1882369LCS	211883	7.338	113635	8.833	298654	4.16
1882370	1882370MS	214957	7.336	111548	8.832	296656	4.164
1882371	1882371MSD	222034	7.334	116291	8.835	300052	4.161
50180760017	MW-0102-S1U (092717)	217073	7.339	111659	8.834	273051	4.166
50180760018	MW-0619-S1 (092717)	225081	7.34	114305	8.835	287286	4.162
50180760019	MW-0622-S1 (092717)	221977	7.336	116773	8.832	286994	4.164
50180760020	FD-2 (092717)	226684	7.339	116279	8.835	291188	4.161
50180760021	MW-0623-S1 (092717)	218567	7.337	111942	8.833	279341	4.165
50180760022	MW-0103-S1U (092717)	219726	7.336	114010	8.832	278050	4.164
50180760023	MW-0509-S1 (092717)	219937	7.336	111916	8.832	284930	4.164
50180760024	MW-0501-S1 (092717)	220681	7.336	111051	8.832	276030	4.164
50180760025	MW-0603-S1 (092717)	218703	7.336	114631	8.832	283453	4.164
50180760026	MW-0516-S1 (092717)	214890	7.335	113255	8.835	276113	4.162
50180760027	MW-0618-S1 (092717)	218355	7.336	112529	8.832	281703	4.164
50180760028	MW-0613-S1 (092717)	221393	7.334	113172	8.835	280052	4.161
50180760029	EB-2 (092717)	217230	7.337	115636	8.833	276743	4.159
50180760030	MW-0607-S1 (092717)	217221	7.337	112874	8.833	279347	4.159
50180760031	MW-0612-S1 (092717)	216583	7.334	114250	8.835	282638	4.162
50180760032	MW-0606-S1 (092717)	220527	7.337	113444	8.833	286180	4.164
50180760033	MW-0704-S1 (092717)	218730	7.338	115223	8.833	282084	4.16

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50180760 Contract: Kokomo Racer

Sample ID : 12128488CCV Date Analyzed: 10/10/2017

Instrument ID: 50MV3B GC Column: Col 1 Time Analyzed: 11:54

Lab File ID: B101017.B\B01CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		223267	7.335	120545	8.836	298254	4.162
UPPER LIMIT		446534	7.835	241090	9.336	596508	4.662
LOWER LIMIT		111633.5	6.835	60272.5	8.336	149127	3.662
LAB SAMPLE ID	SAMPLE NO.						
1884798	1884798BLANK	223229	7.335	113783	8.835	278144	4.162
1884799	1884799LCS	218889	7.336	115456	8.832	289016	4.164
1884800	1884800MS	228207	7.339	122102	8.834	302677	4.166
1884801	1884801MSD	233102	7.337	122332	8.833	299768	4.165
50180760005	MW-0507-S1 (0-2717)	227418	7.334	123587	8.835	285732	4.162
50180760009	MW-0517-S1 (092717)	219174	7.336	112372	8.831	264943	4.163
50180760010	FD-1 (092717)	219376	7.334	112008	8.835	277271	4.162
50180760015	MW-0605-S1 (092717)	224034	7.339	114011	8.835	280442	4.161
50180760016	MW-0620-S1 (092717)	217452	7.337	112892	8.832	272549	4.164
50180760019	MW-0622-S1 (092717)	215855	7.337	113020	8.832	265070	4.164
50180760020	FD-2 (092717)	230332	7.334	117638	8.835	284476	4.162
50180760032	MW-0606-S1 (092717)	221693	7.335	117052	8.835	275638	4.162
50180760033	MW-0704-S1 (092717)	222502	7.336	116900	8.832	270380	4.164
50180760034	MW-0705-S1 (092717)	222935	7.339	119306	8.834	280062	4.166
50180760035	MW-0608-S1 (092717)	219781	7.335	114749	8.835	273052	4.167
50180760035 DL 5	MW-0608-S1 (092717)	219974	7.339	113534	8.834	273972	4.161
50180760036	MW-0609-S1 (092717)	210026	7.337	112811	8.832	267417	4.164
50180760037	MW-0610-S1 (092717)	214718	7.337	112722	8.832	270511	4.164
50180760038	MW-0602-S1 (092717)	211945	7.337	110523	8.832	266327	4.164

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

SAMPLE NO.

Trip Blank

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:04 Lab Sample ID: 50180760001

Date Analyzed: 10/06/2017 09:04 Lab File ID: A100517.B\C21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

Trip Blank

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:04 Lab Sample ID: 50180760001

Date Analyzed: 10/06/2017 09:04 Lab File ID: A100517.B\C21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d
Lab Smp Id: 50180760001 Client Smp ID: Trip Blank
Inj Date : 06-OCT-2017 09:04
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760001
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 89
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

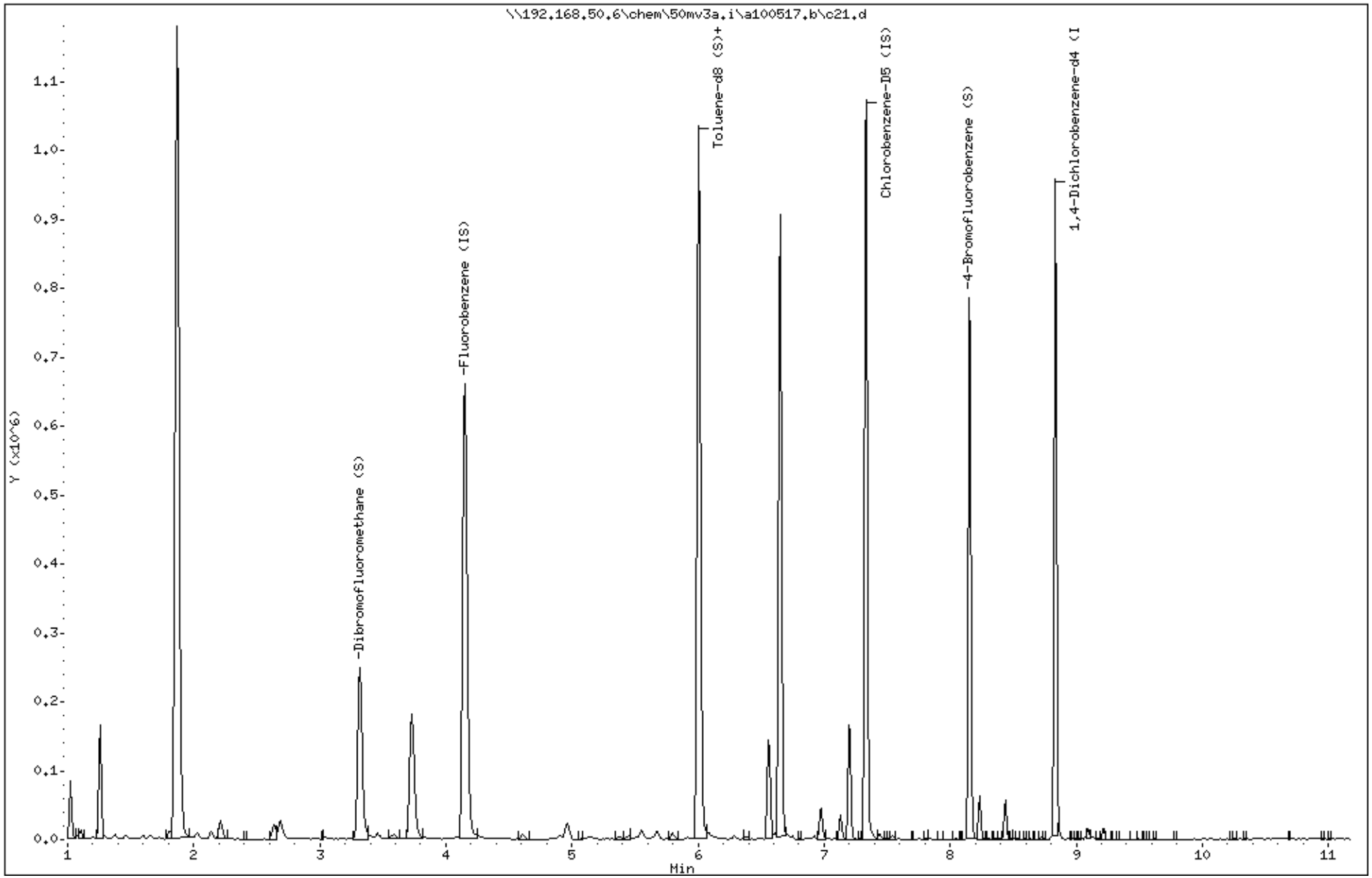
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.461	1.460	(0.352)	1505	0.68473	0.685	
23 n-Hexane	57	2.214	2.213	(0.534)	11885	1.35388	1.35	
$ 35 Dibromofluoromethane (S)	113	3.319	3.319	(0.800)	170939	47.6242	47.6	
* 45 Fluorobenzene (IS)	96	4.147	4.152	(1.000)	726947	50.0000		
46 Trichloroethene	95	4.612	4.606	(1.112)	2439	0.57785	0.578	
$ 56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	667777	49.9688	50.0	
57 Toluene	91	6.086	6.080	(0.830)	2316	0.13774	0.138	
* 66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	445434	50.0000		
69 Ethylbenzene	106	7.437	7.437	(1.014)	1671	0.28921	0.289	
$ 75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	174334	47.5746	47.6	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	159503	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d
Date : 06-OCT-2017 09:04
Client ID: Trip Blank
Instrument: 50mv3a.i
Sample Info: 50180760001
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d

Date : 06-OCT-2017 09:04

Client ID: Trip Blank

Instrument: 50mv3a.i

Sample Info: 50180760001

Purge Volume: 5.0

Operator: jlz

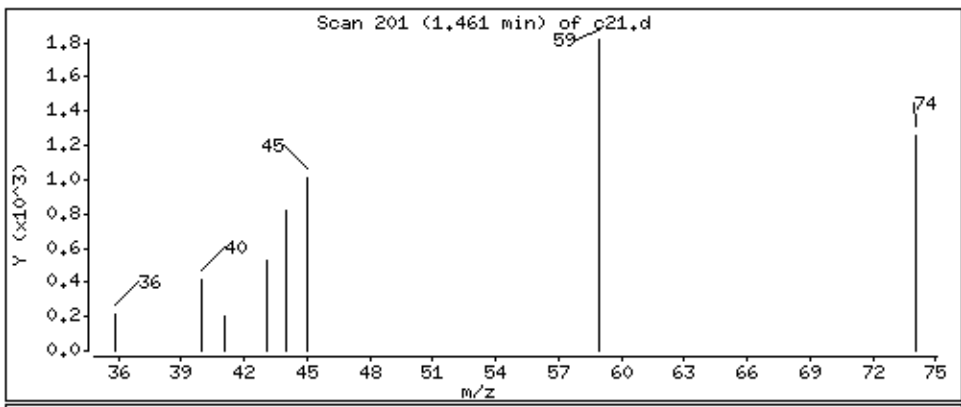
Column phase: DB-624

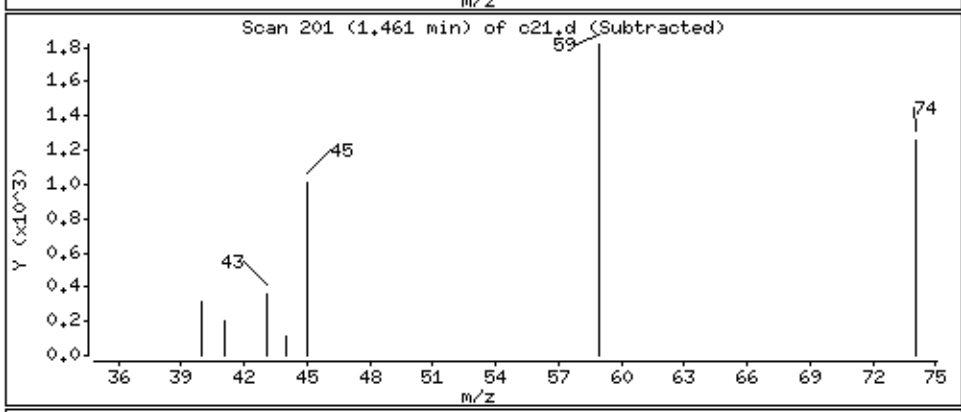
Column diameter: 0.18

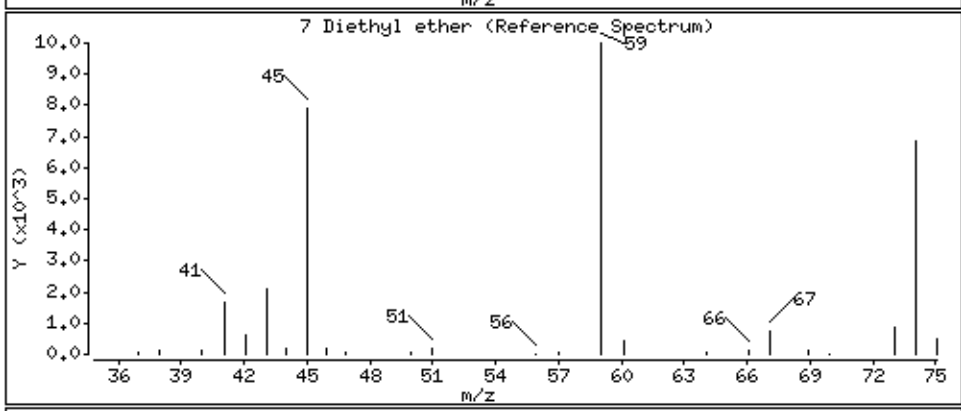
7 Diethyl ether

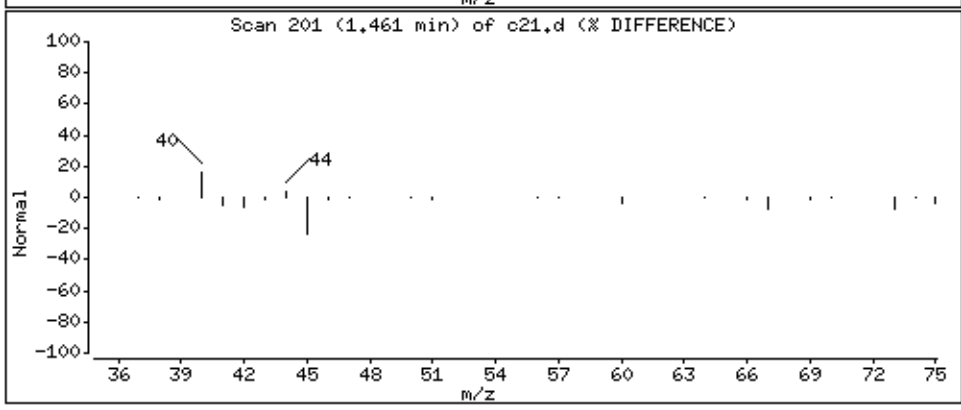
Concentration: 0.685 ppb

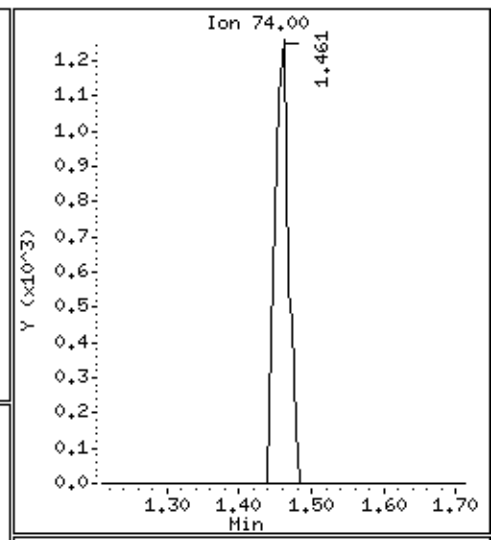
Review Code:

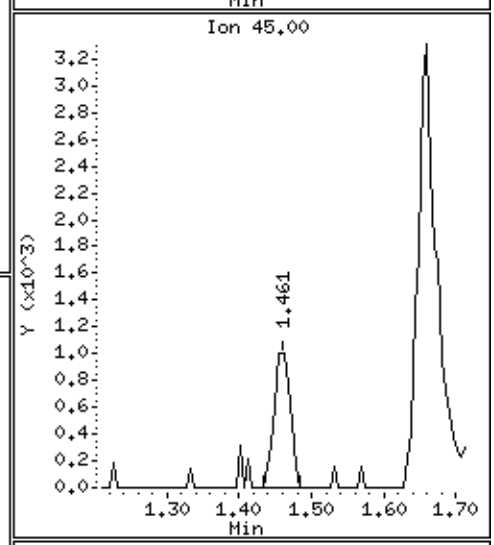


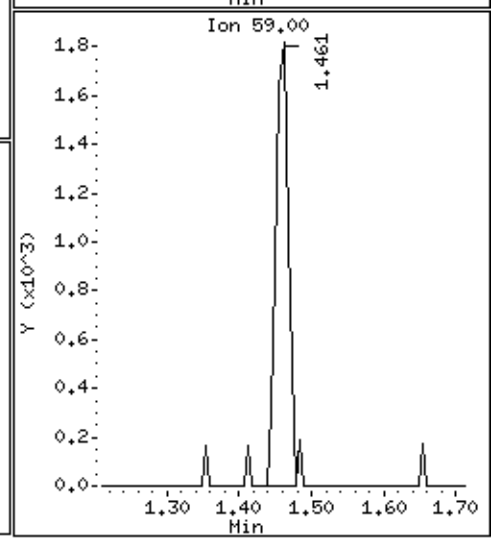












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d

Date : 06-OCT-2017 09:04

Client ID: Trip Blank

Instrument: 50mv3a.i

Sample Info: 50180760001

Purge Volume: 5.0

Operator: jlz

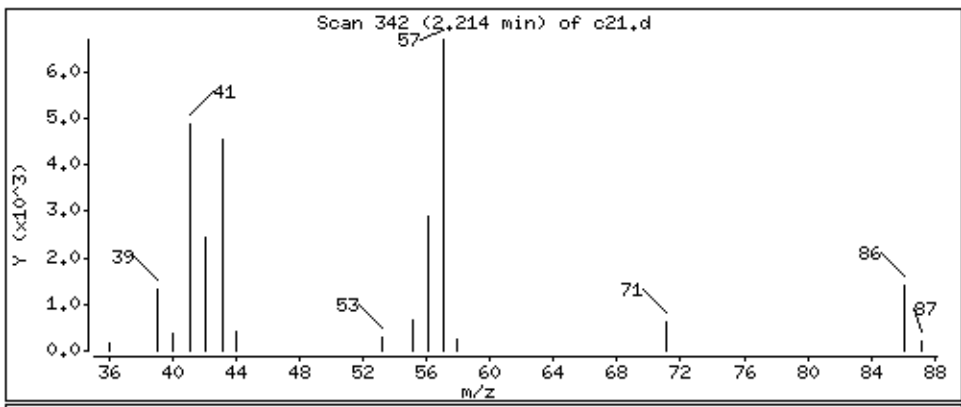
Column phase: DB-624

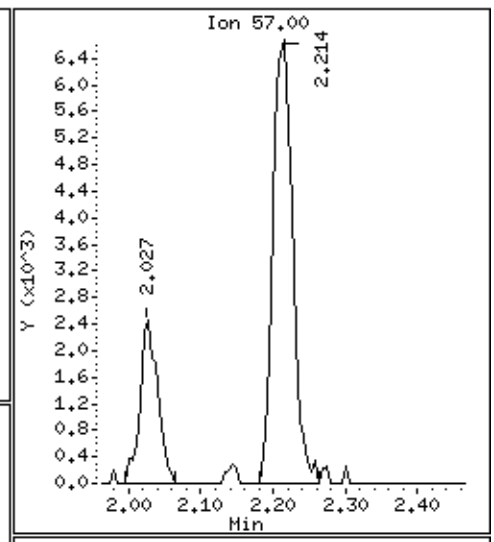
Column diameter: 0.18

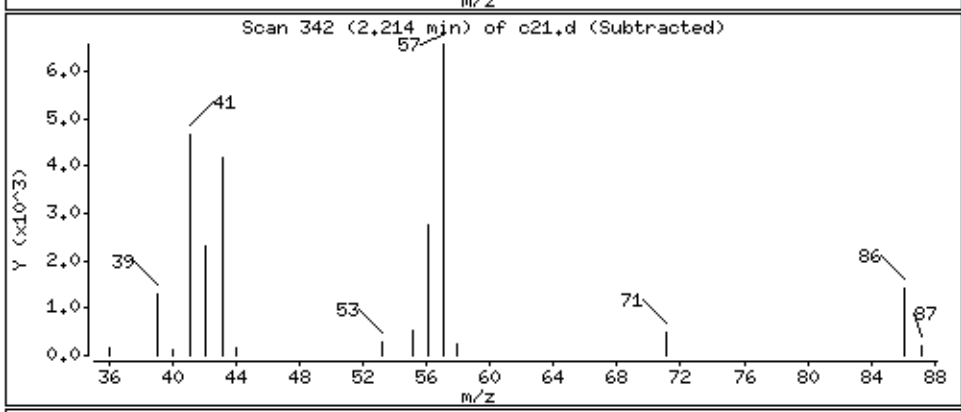
23 n-Hexane

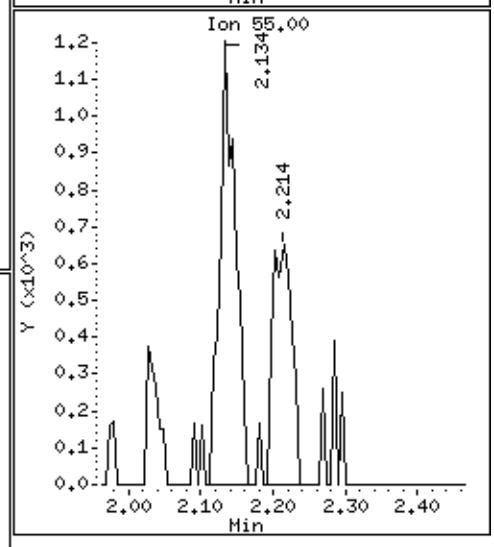
Concentration: 1.35 ppb

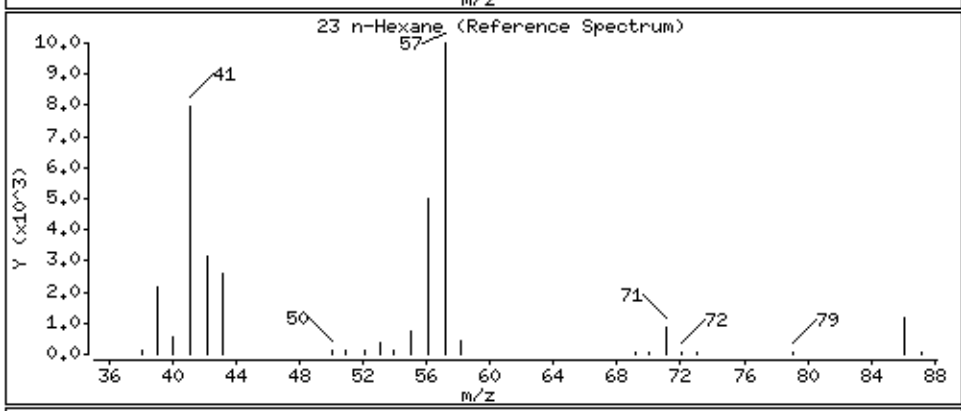
Review Code:

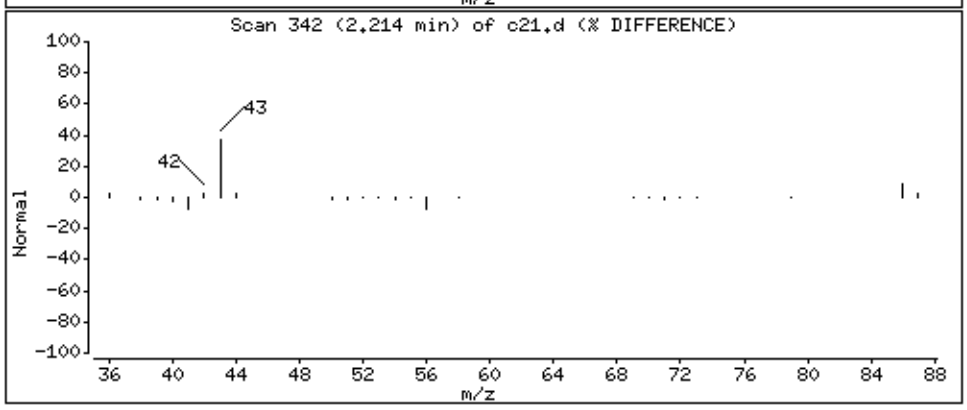












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d

Date : 06-OCT-2017 09:04

Client ID: Trip Blank

Instrument: 50mv3a.i

Sample Info: 50180760001

Purge Volume: 5.0

Operator: jlz

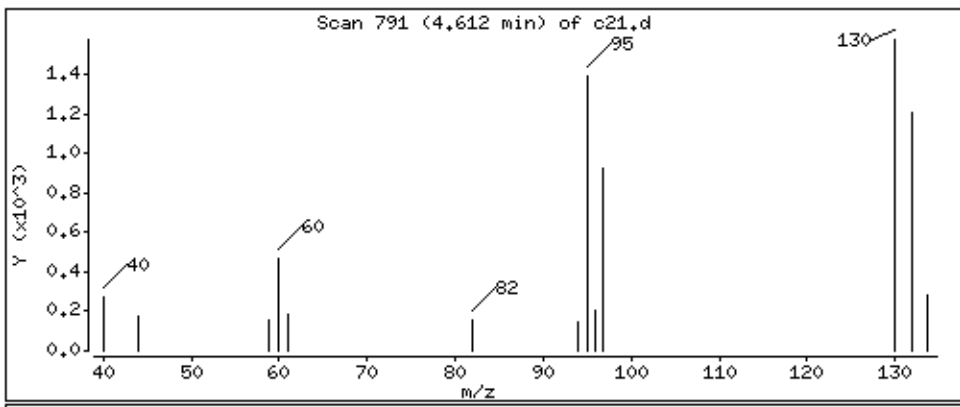
Column phase: DB-624

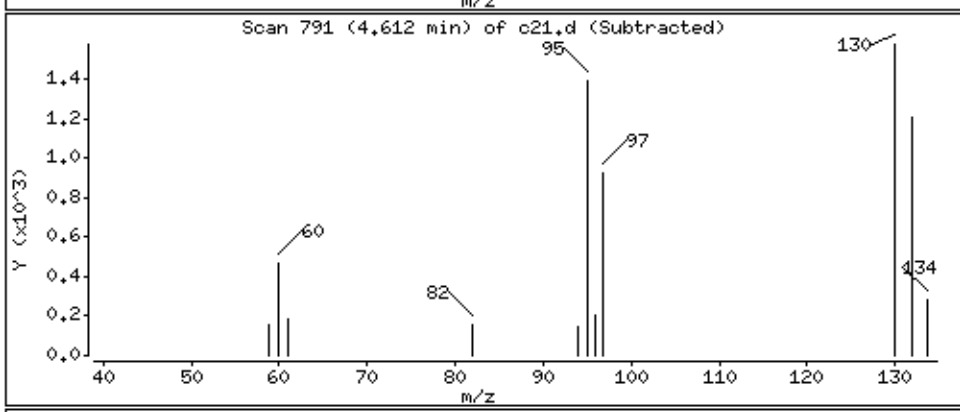
Column diameter: 0.18

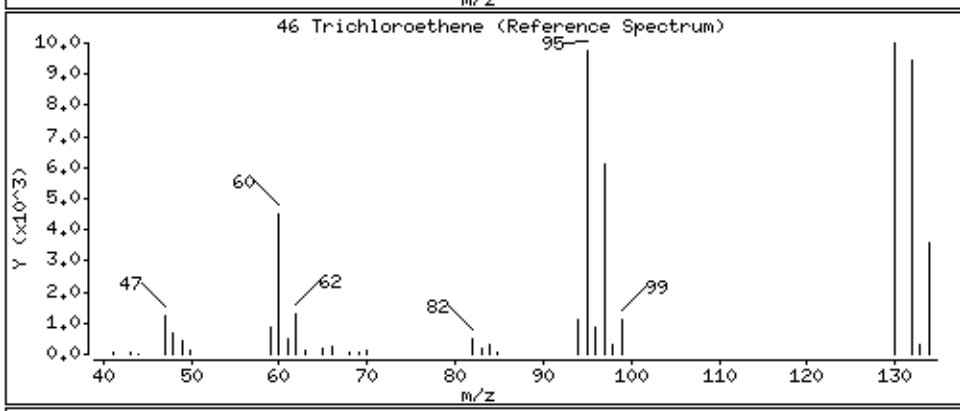
46 Trichloroethene

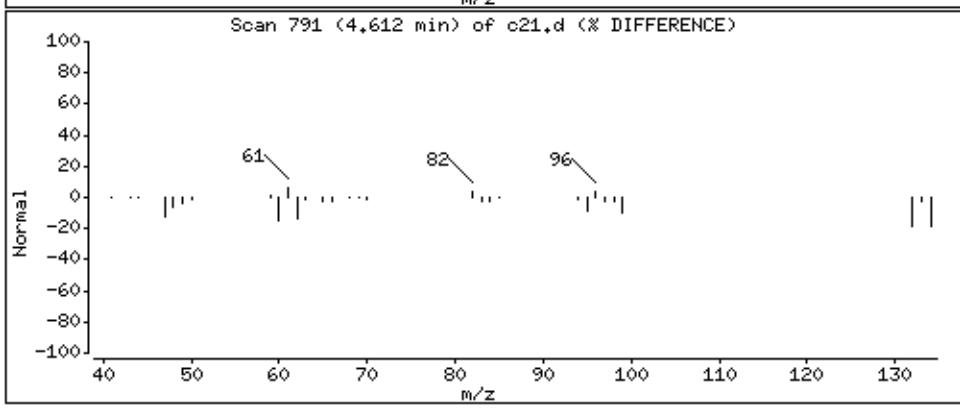
Concentration: 0.578 ppb

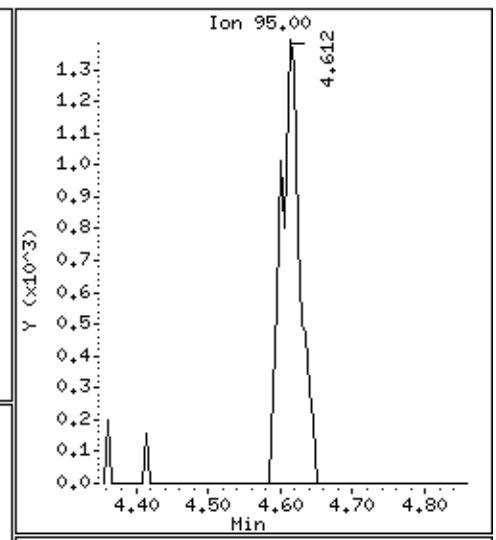
Review Code:

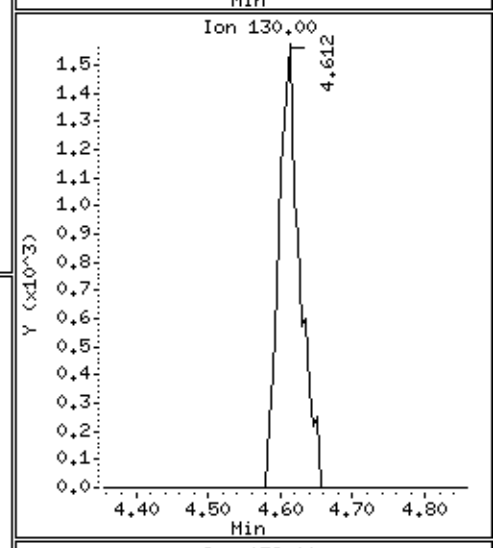


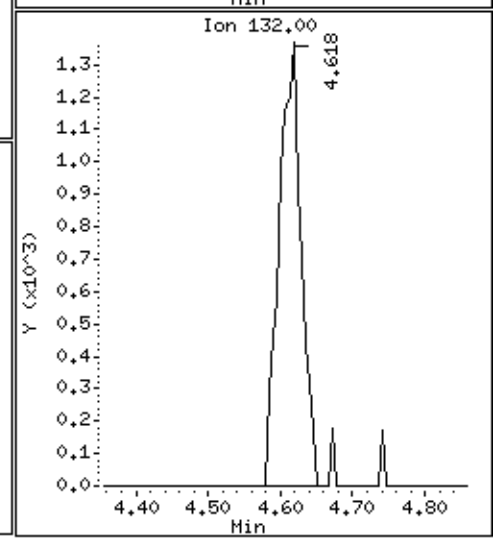












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d

Date : 06-OCT-2017 09:04

Client ID: Trip Blank

Instrument: 50mv3a.i

Sample Info: 50180760001

Purge Volume: 5.0

Operator: jlz

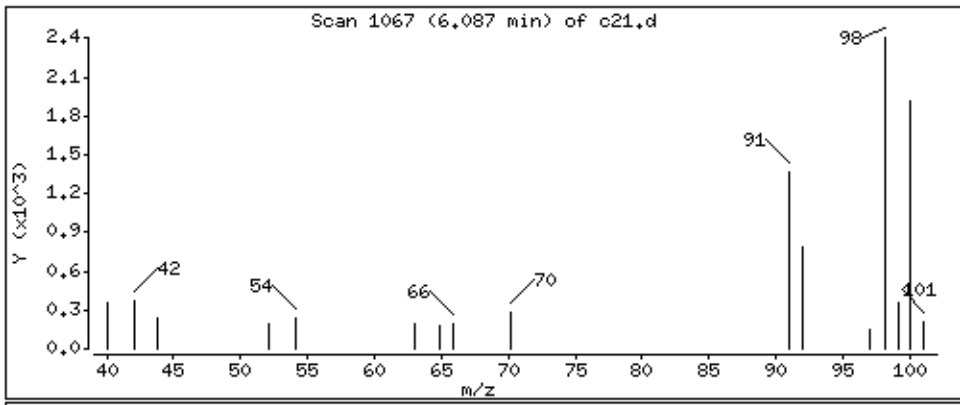
Column phase: DB-624

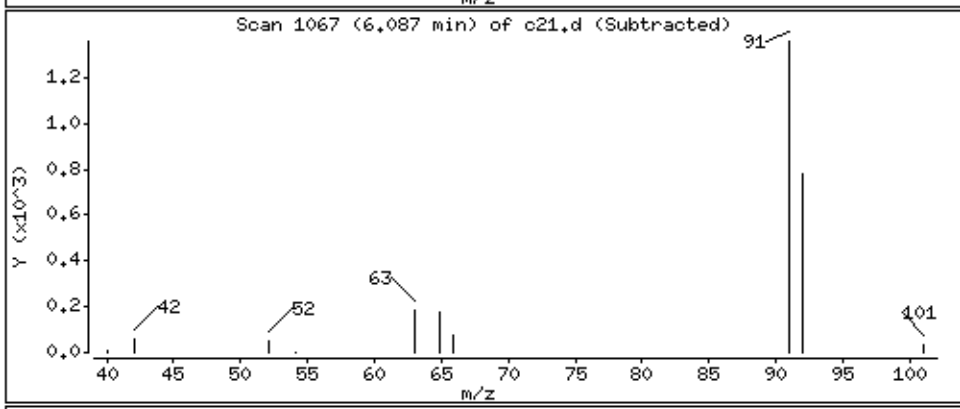
Column diameter: 0.18

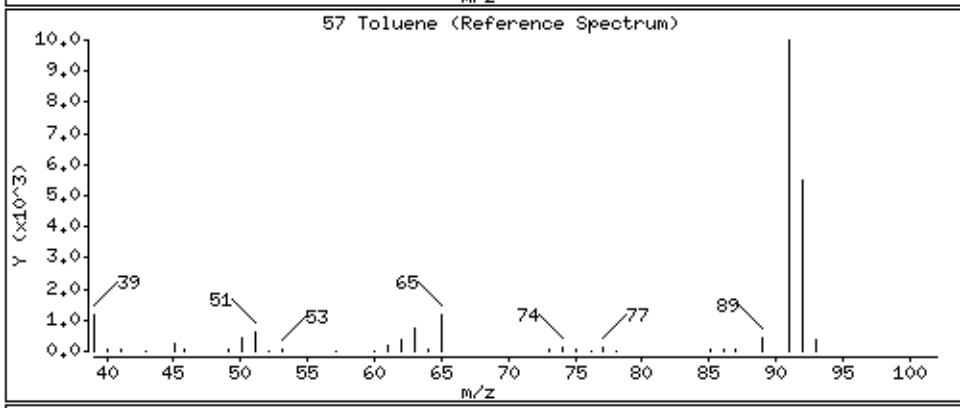
57 Toluene

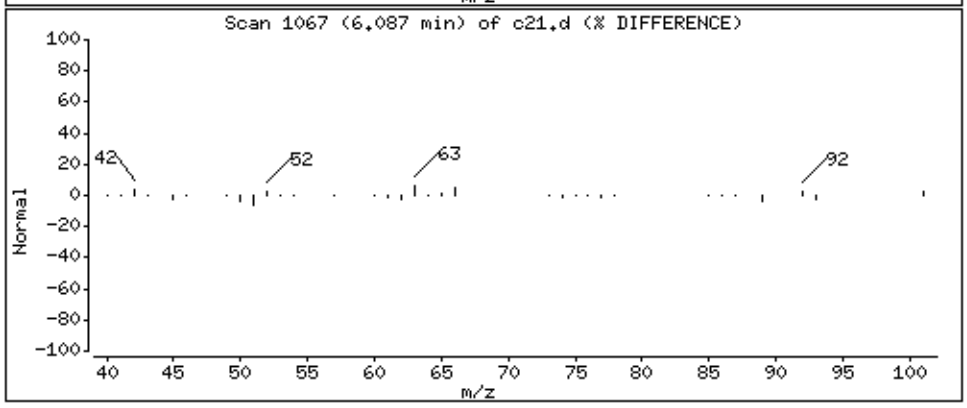
Concentration: 0.138 ppb

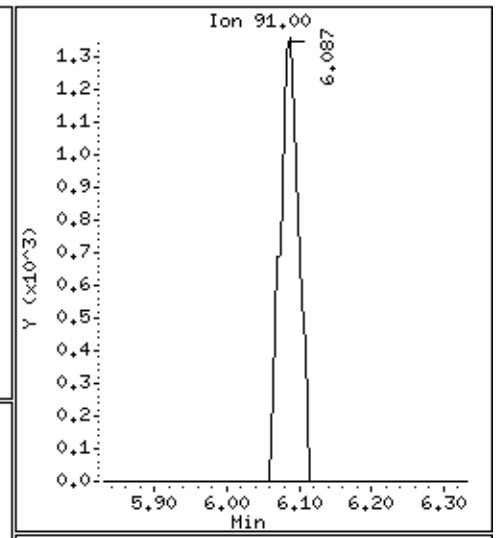
Review Code:

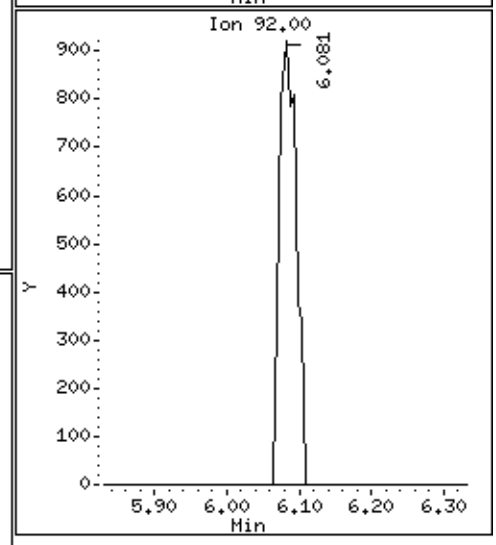












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c21.d

Date : 06-OCT-2017 09:04

Client ID: Trip Blank

Instrument: 50mv3a.i

Sample Info: 50180760001

Purge Volume: 5.0

Operator: jlz

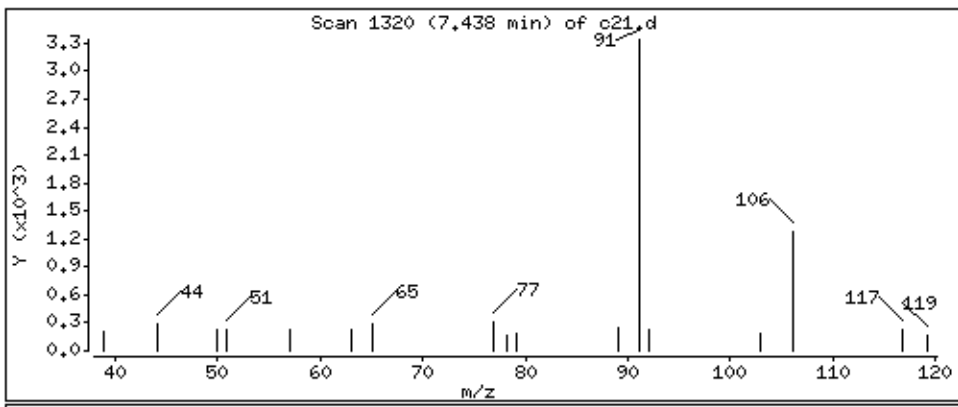
Column phase: DB-624

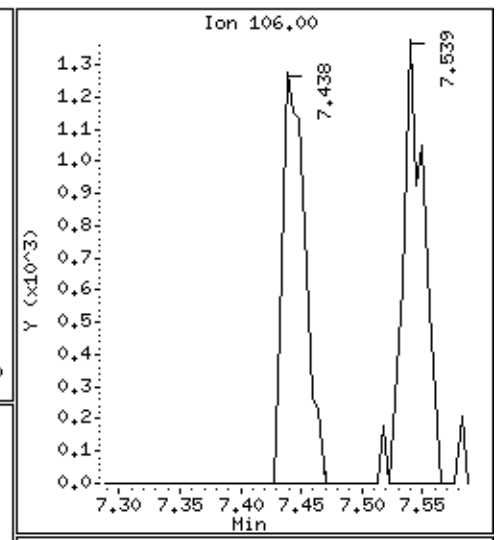
Column diameter: 0.18

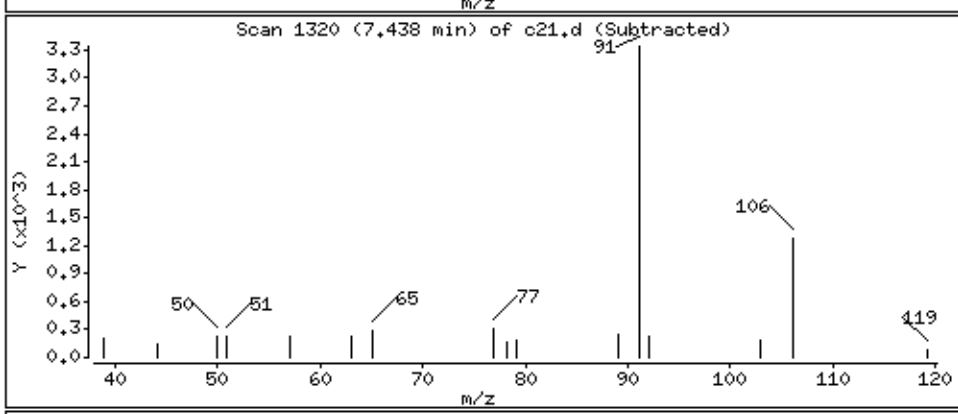
69 Ethylbenzene

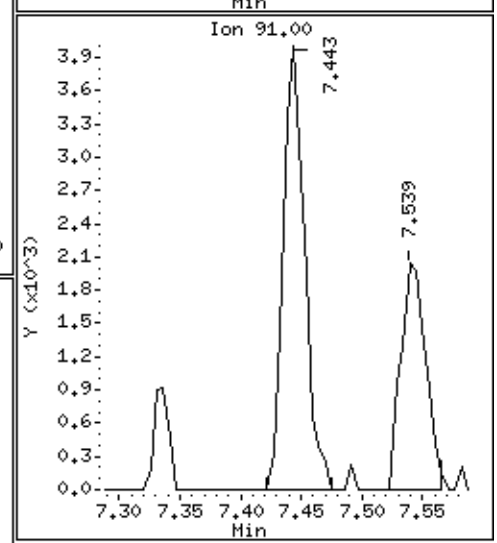
Concentration: 0.289 ppb

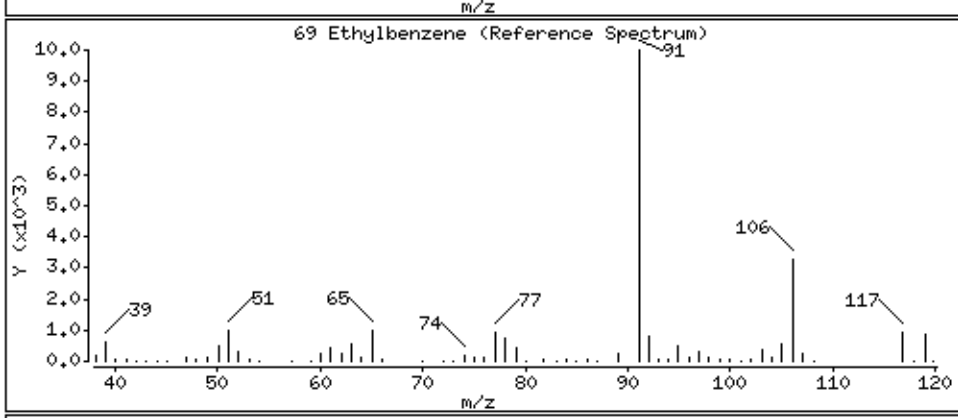
Review Code:

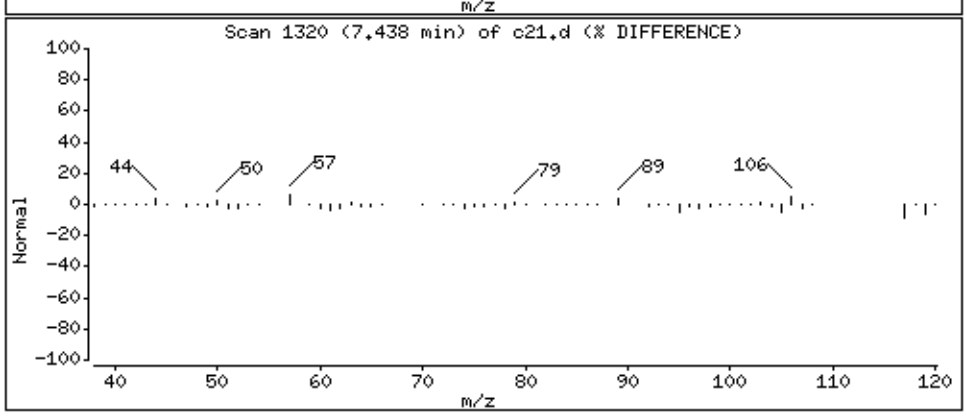












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c21.d
Injection Date: 06-OCT-2017 09:04
Instrument: 50mv3a.i
Lab Sample ID: 50180760001
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0617-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:04 Lab Sample ID: 50180760002

Date Analyzed: 10/06/2017 01:04 Lab File ID: A100517.B\C06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0617-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:04 Lab Sample ID: 50180760002

Date Analyzed: 10/06/2017 01:04 Lab File ID: A100517.B\C06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d
Lab Smp Id: 50180760002 Client Smp ID: MW-0617-S1 (092717)
Inj Date : 06-OCT-2017 01:04
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760002
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 59
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.461	1.460	(0.352)	1327	0.58133	0.581	
12 Acetone	43	1.599	1.599	(0.386)	14142	4.17152	4.17	
$ 35 Dibromofluoromethane (S)	113	3.319	3.319	(0.800)	183113	49.1218	49.1	
* 45 Fluorobenzene (IS)	96	4.147	4.152	(1.000)	754977	50.0000		
$ 56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	697867	48.4656	48.5	
57 Toluene	91	6.086	6.080	(0.830)	3002	0.16570	0.166	
* 66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	479944	50.0000		
69 Ethylbenzene	106	7.443	7.437	(1.015)	1560	0.25058	0.250(Q)	
70 m&p-Xylene	106	7.539	7.538	(1.028)	2493	0.34851	0.348	
72 Styrene	104	7.816	7.816	(1.066)	2327	0.20517	0.205	
$ 75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	188810	47.8201	47.8	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	160304	50.0000		

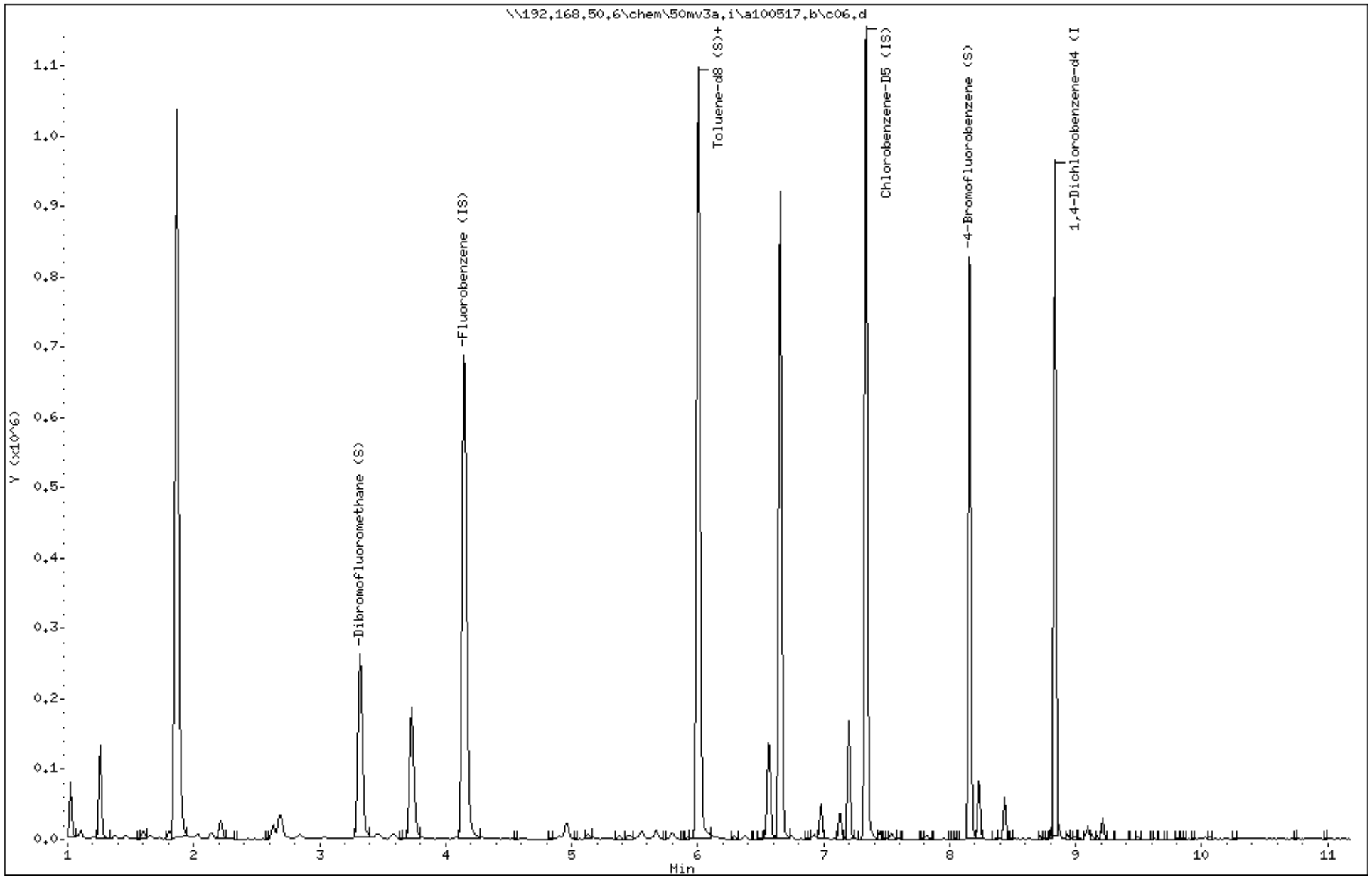
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d
Date : 06-OCT-2017 01:04
Client ID: MW-0617-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760002
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

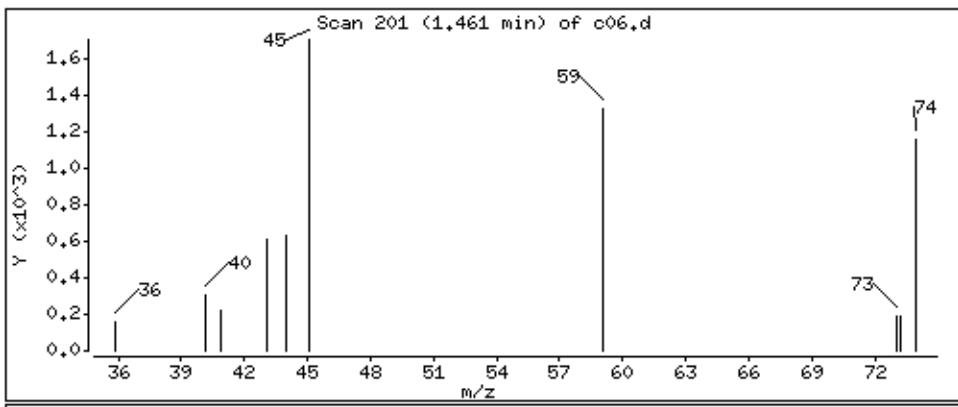
Column phase: DB-624

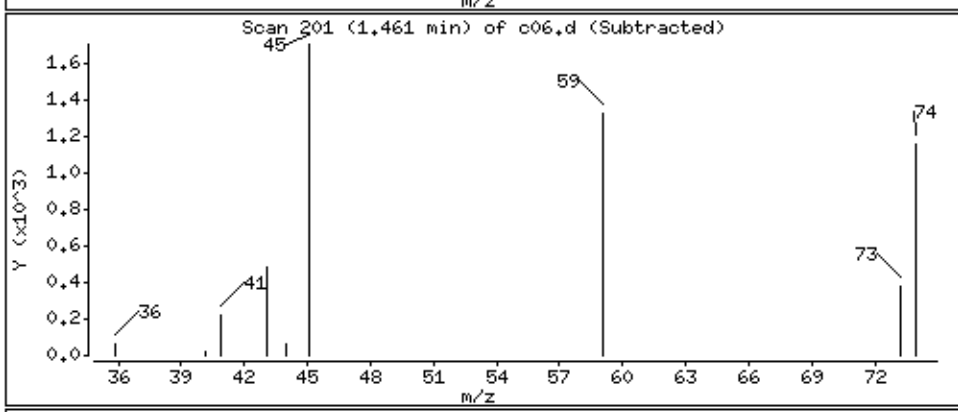
Column diameter: 0.18

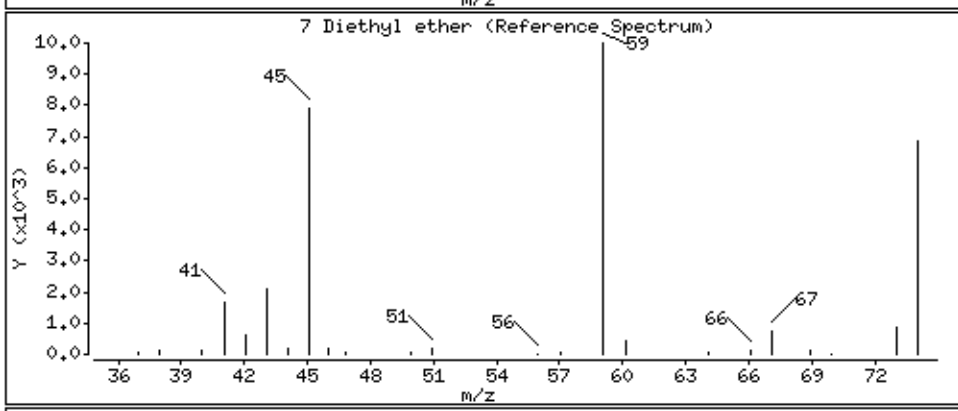
7 Diethyl ether

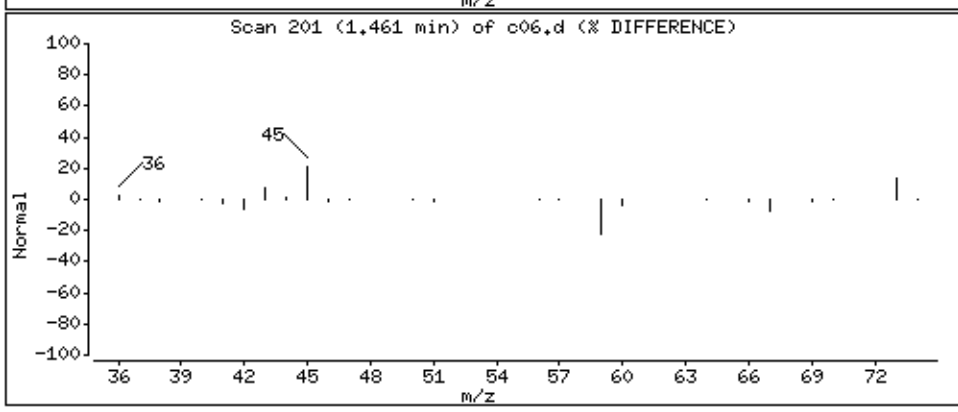
Concentration: 0.581 ppb

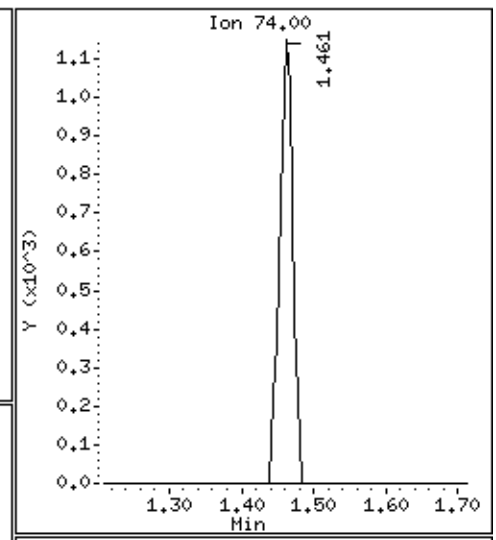
Review Code:

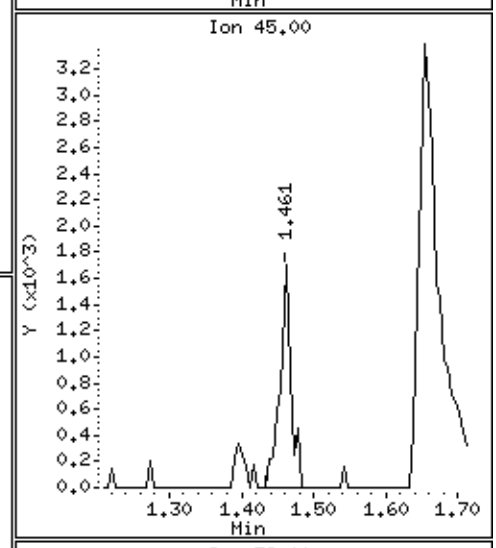


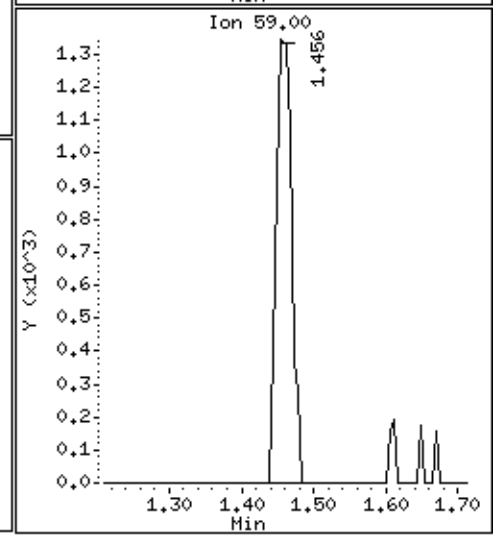












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

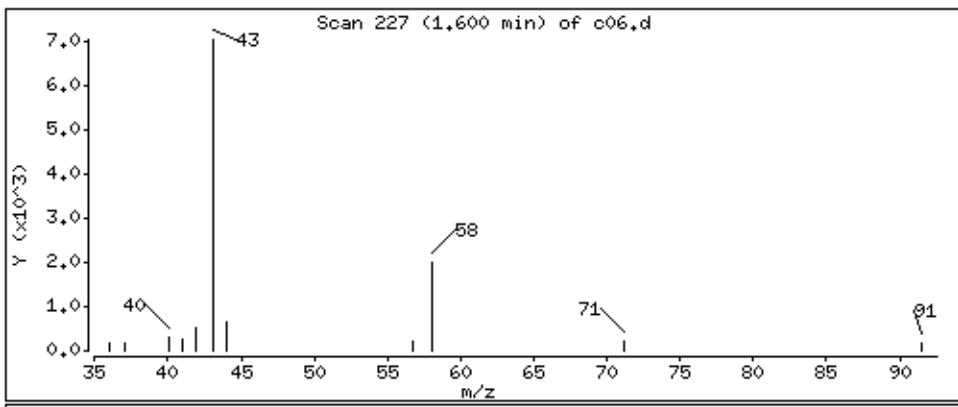
Column phase: DB-624

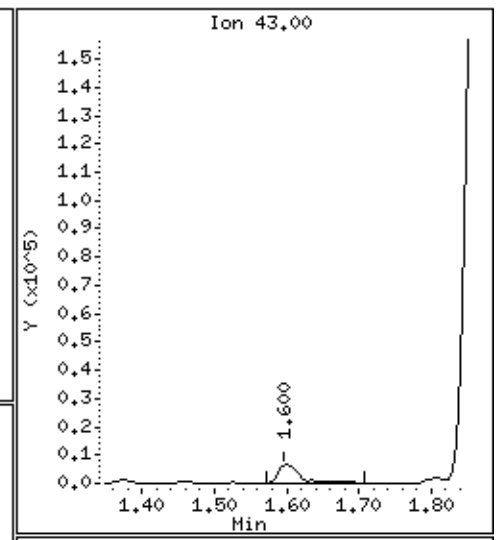
Column diameter: 0.18

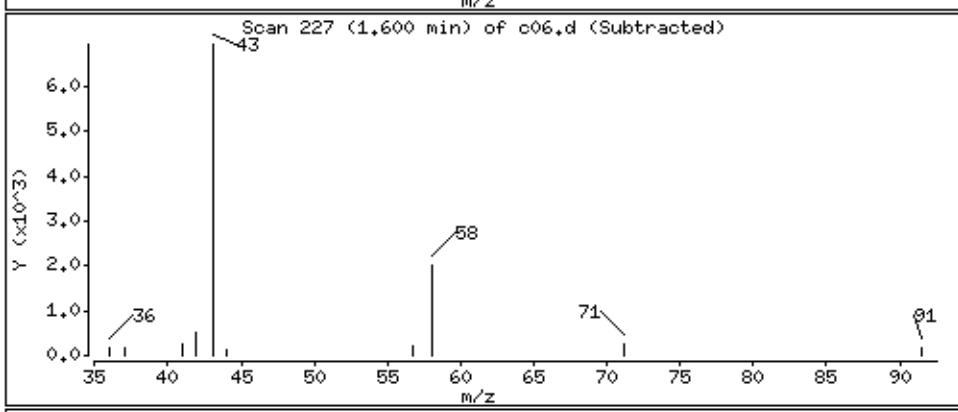
12 Acetone

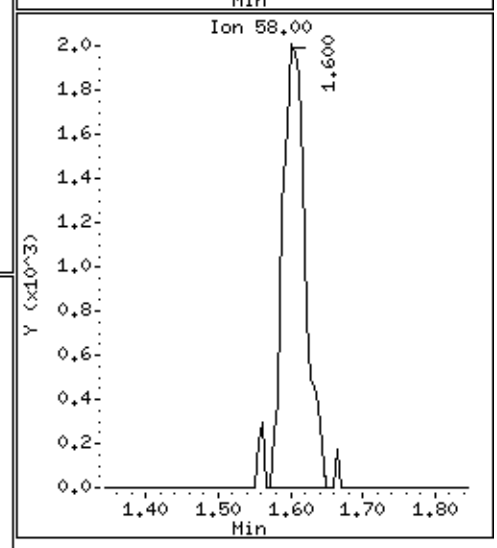
Concentration: 4.17 ppb

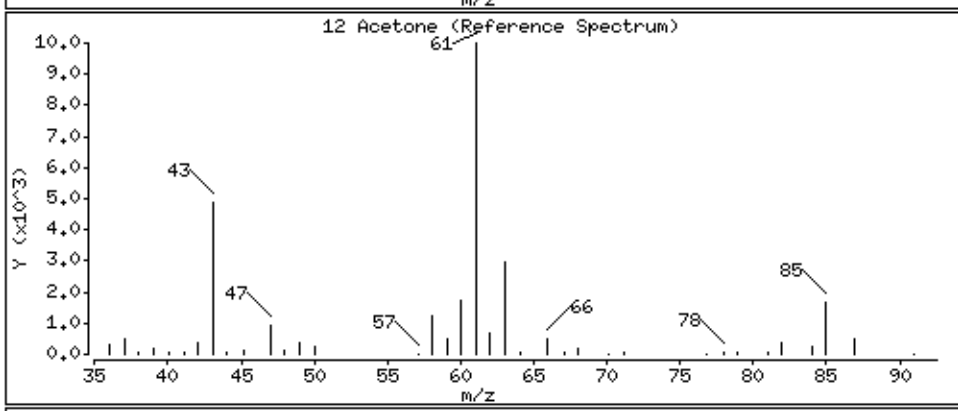
Review Code:

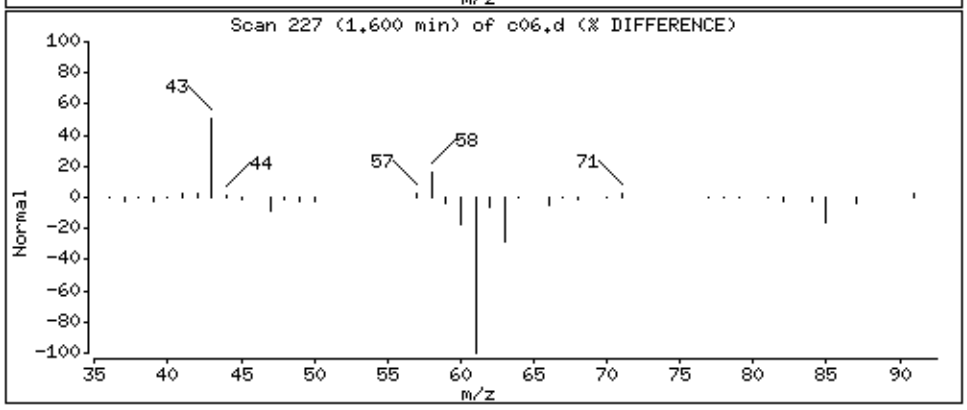












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

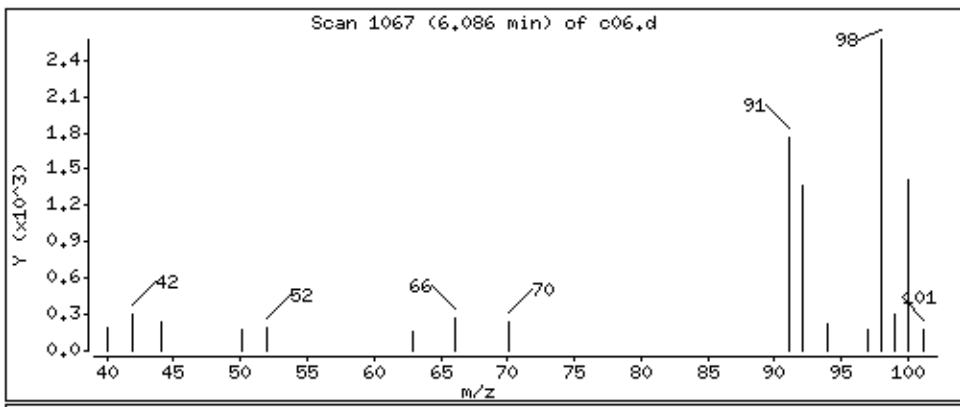
Column phase: DB-624

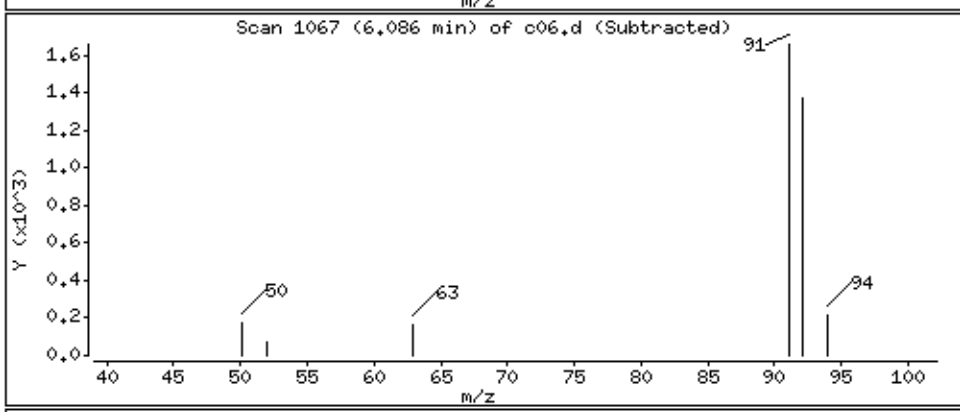
Column diameter: 0.18

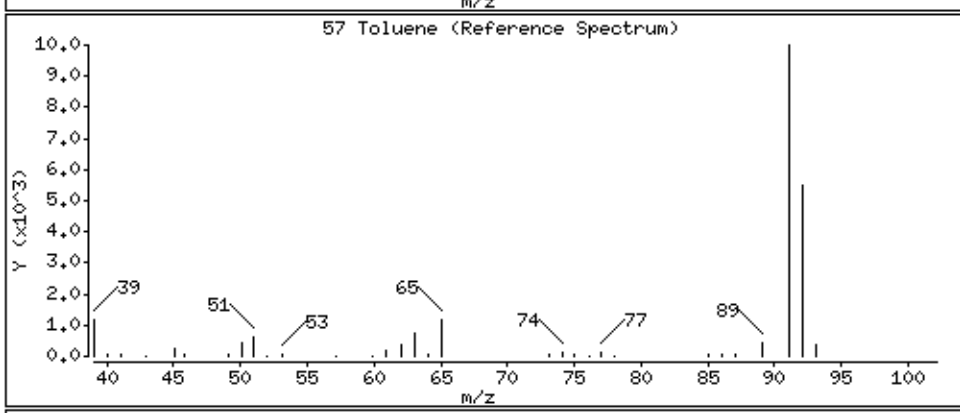
57 Toluene

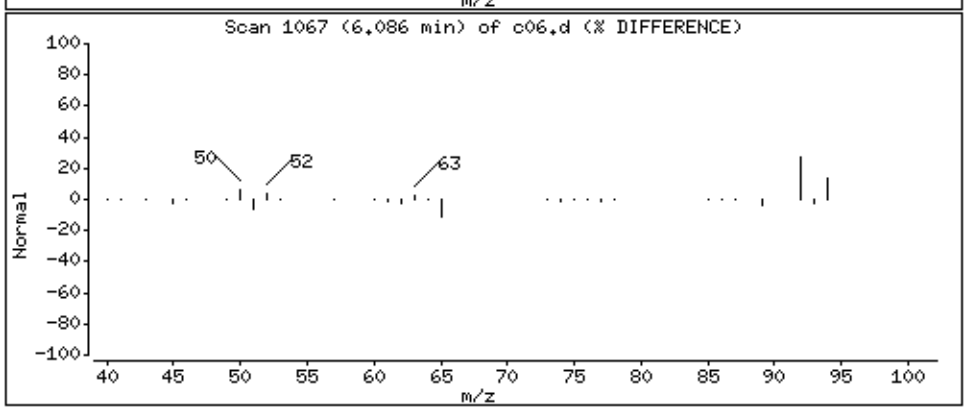
Concentration: 0.166 ppb

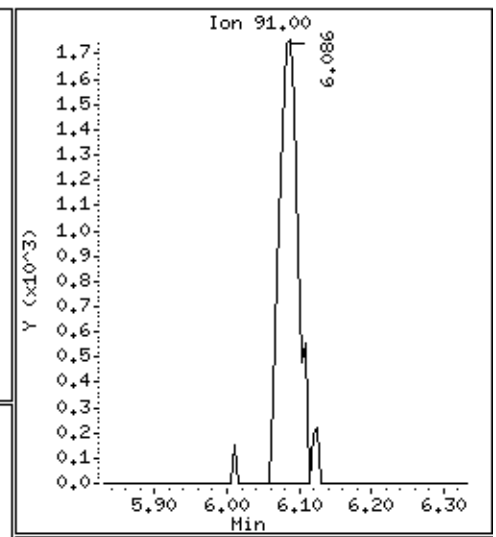
Review Code:

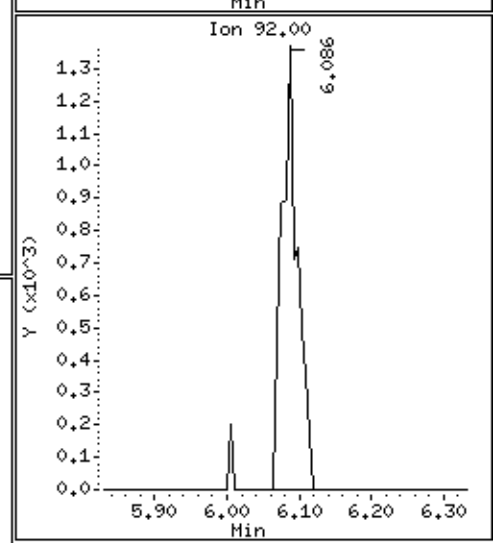












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

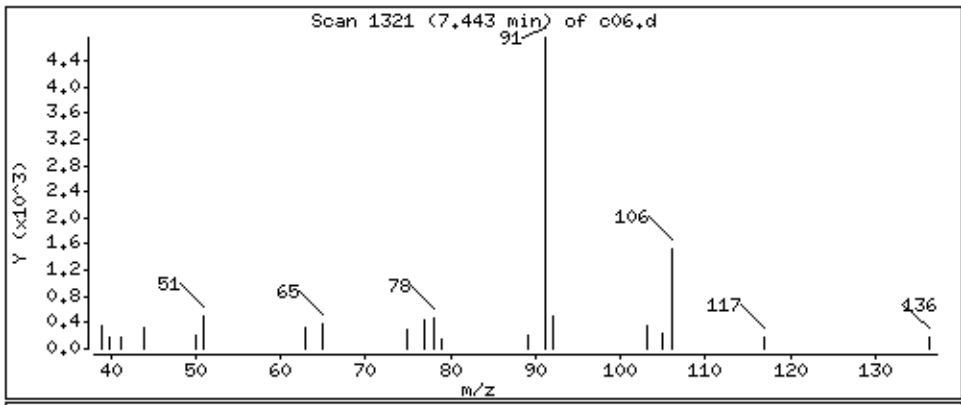
Column phase: DB-624

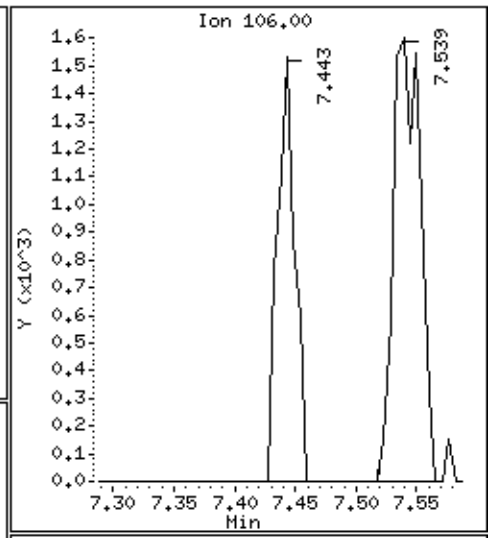
Column diameter: 0.18

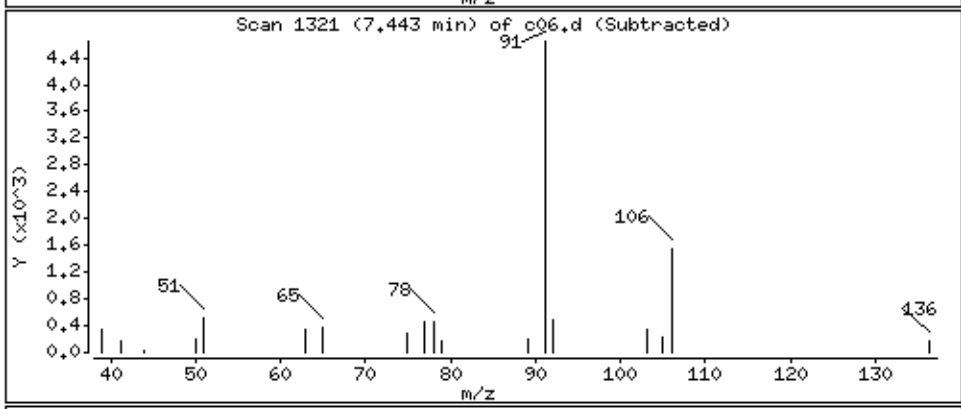
69 Ethylbenzene

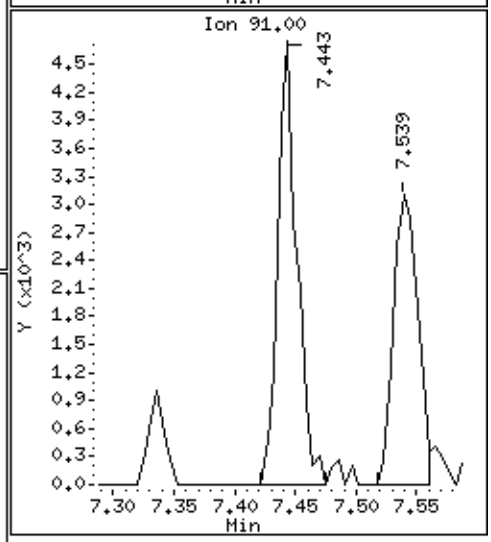
Concentration: 0.250 ppb

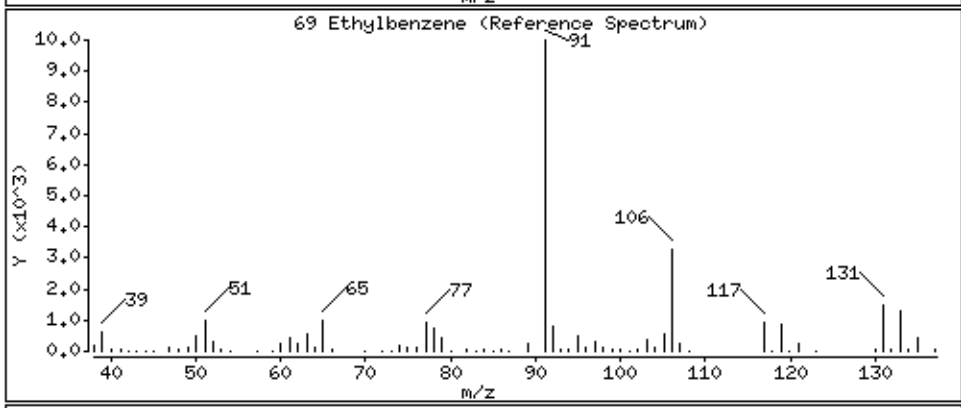
Review Code:

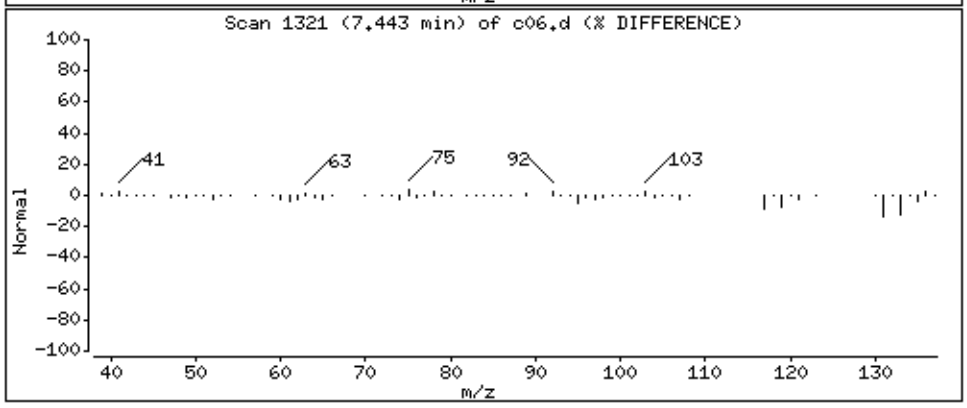












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

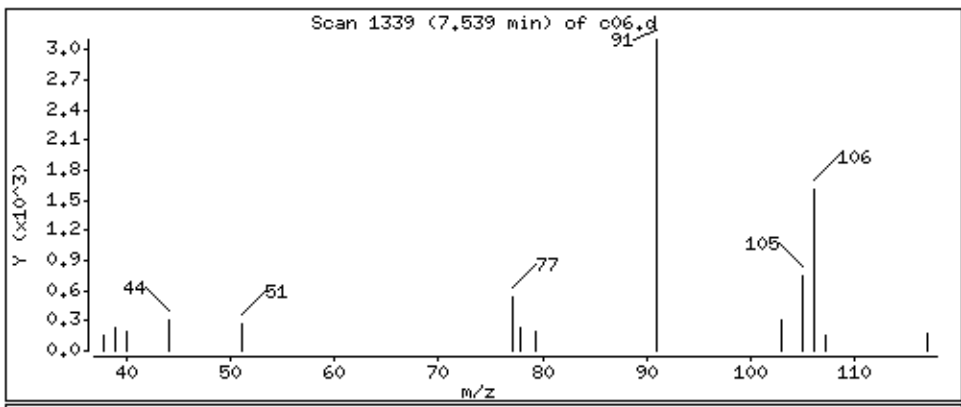
Column phase: DB-624

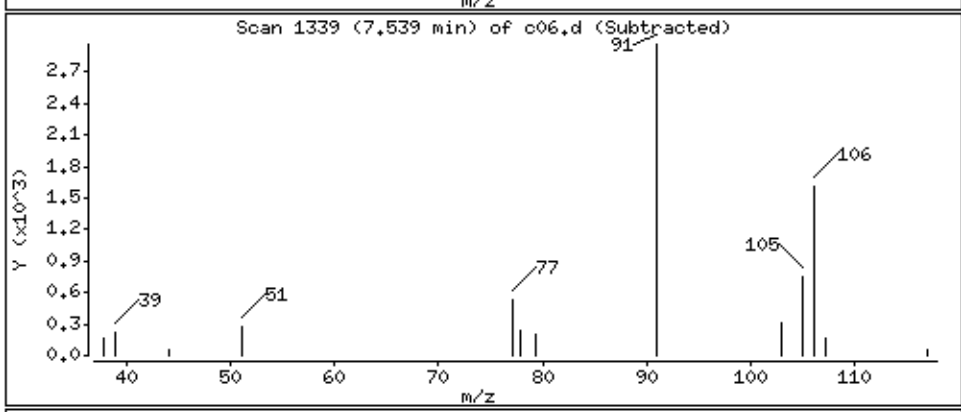
Column diameter: 0.18

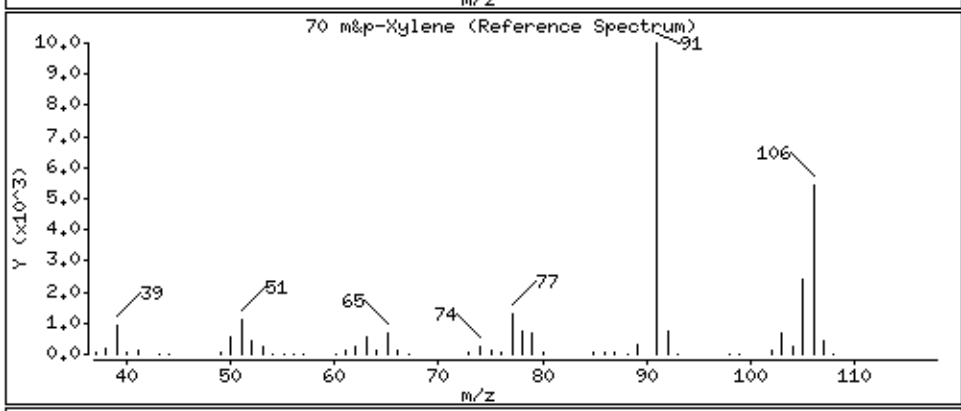
70 m&p-Xylene

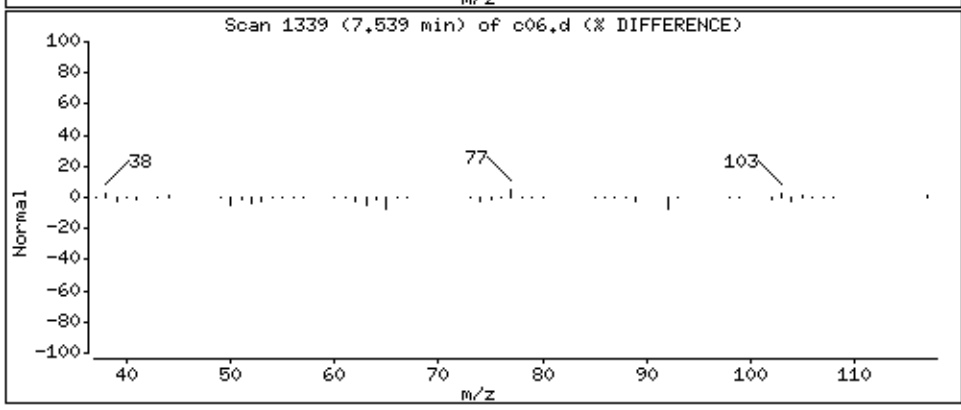
Concentration: 0.348 ppb

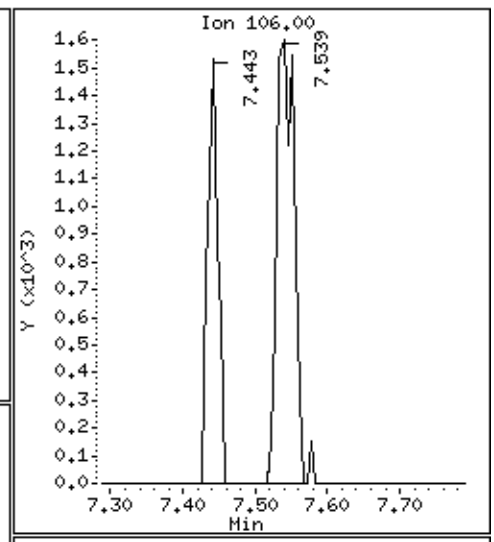
Review Code:

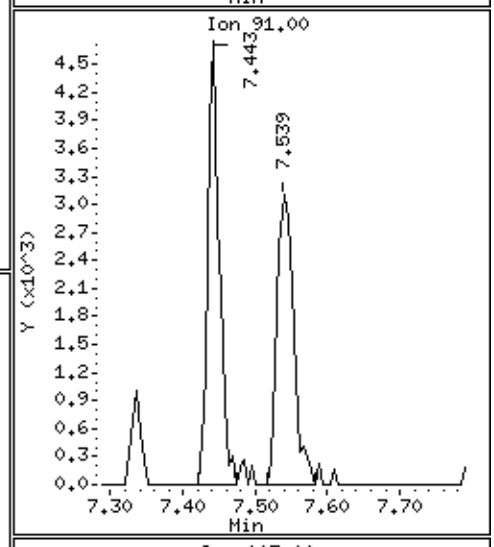


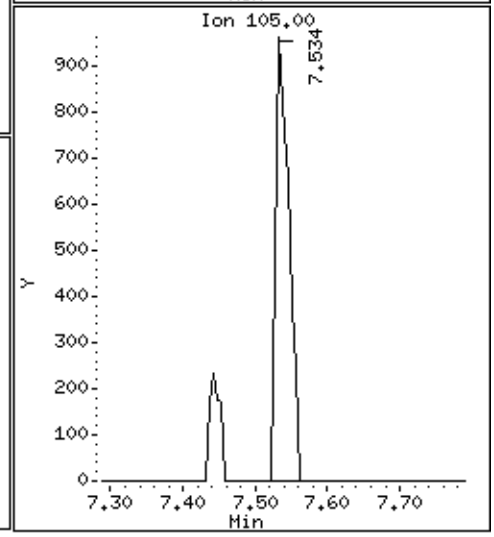












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c06.d

Date : 06-OCT-2017 01:04

Client ID: MW-0617-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760002

Purge Volume: 5.0

Operator: jlz

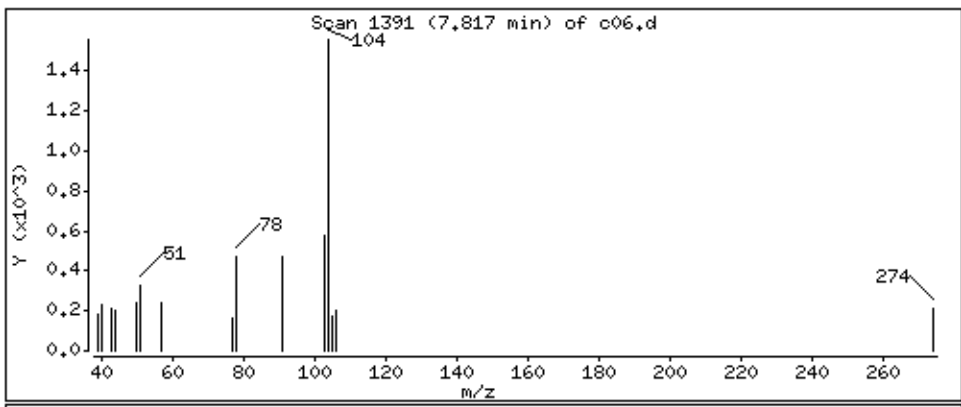
Column phase: DB-624

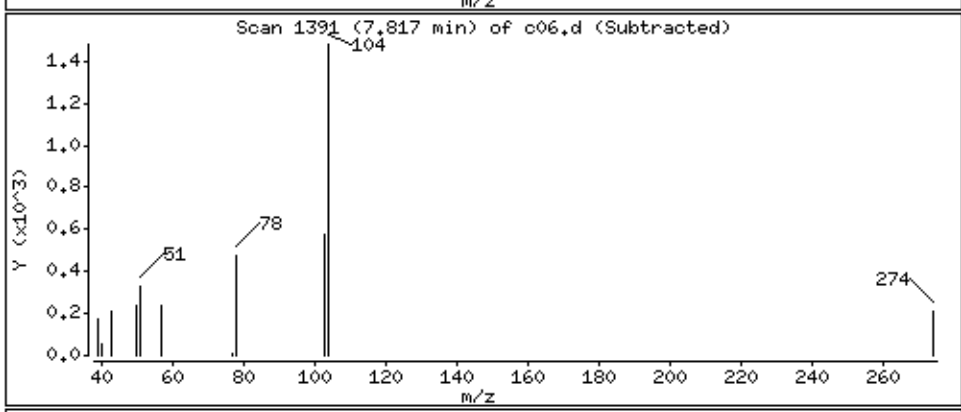
Column diameter: 0.18

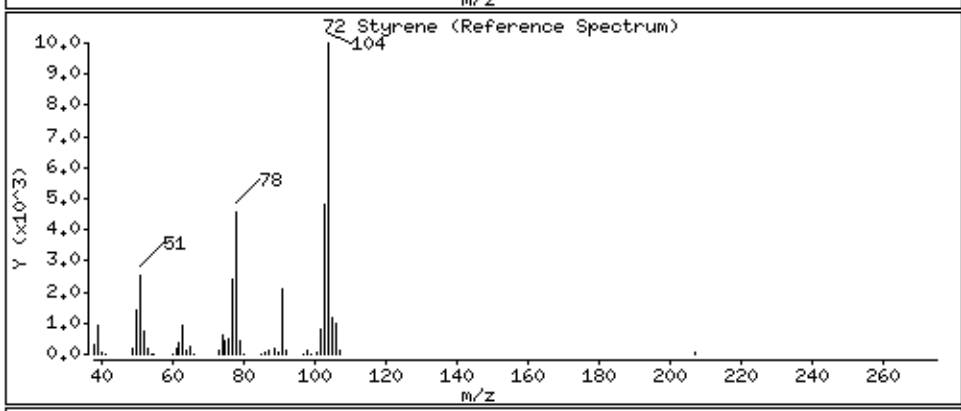
72 Styrene

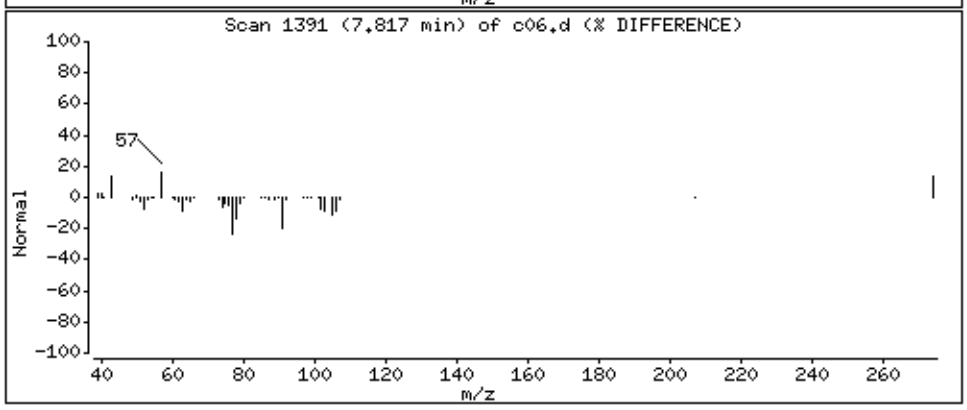
Concentration: 0.205 ppb

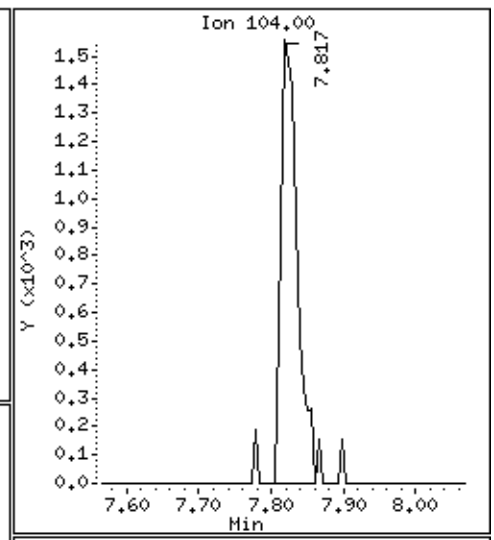
Review Code:

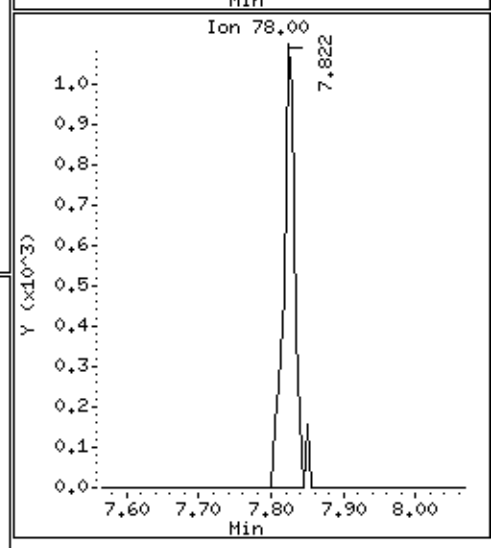












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c06.d
Injection Date: 06-OCT-2017 01:04
Instrument: 50mv3a.i
Lab Sample ID: 50180760002
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0506-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:36 Lab Sample ID: 50180760003

Date Analyzed: 10/06/2017 01:36 Lab File ID: A100517.B\C07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0506-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:36 Lab Sample ID: 50180760003

Date Analyzed: 10/06/2017 01:36 Lab File ID: A100517.B\C07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d
Lab Smp Id: 50180760003 Client Smp ID: MW-0506-S1 (092717)
Inj Date : 06-OCT-2017 01:36
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760003
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 61
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	7 Diethyl ether	74	1.456	1.460	(0.351)	1086	0.51227	0.512(Q)	
	12 Acetone	43	1.601	1.599	(0.386)	11829	1.21974	1.22	
	22 1,2-Dichloroethene (trans)	96	2.028	2.026	(0.489)	1449	0.35209	0.352(QH)	
	28 1,2-Dichloroethene (cis)	96	2.813	2.806	(0.678)	4749	1.09134	1.09	
$	35 Dibromofluoromethane (S)	113	3.315	3.319	(0.799)	167909	48.4999	48.5	
*	45 Fluorobenzene (IS)	96	4.148	4.152	(1.000)	701168	50.0000		
	46 Trichloroethene	95	4.613	4.606	(1.112)	1437	0.35297	0.353	
$	56 Toluene-d8 (S)	98	6.007	6.006	(0.819)	644405	49.3202	49.3	
*	66 Chlorobenzene-D5 (IS)	117	7.332	7.335	(1.000)	435497	50.0000		
	69 Ethylbenzene	106	7.438	7.437	(1.015)	1639	0.29014	0.290	
	70 m&p-Xylene	106	7.540	7.538	(1.028)	2345	0.36128	0.361	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.112)	172544	48.1605	48.2	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	153239	50.0000		

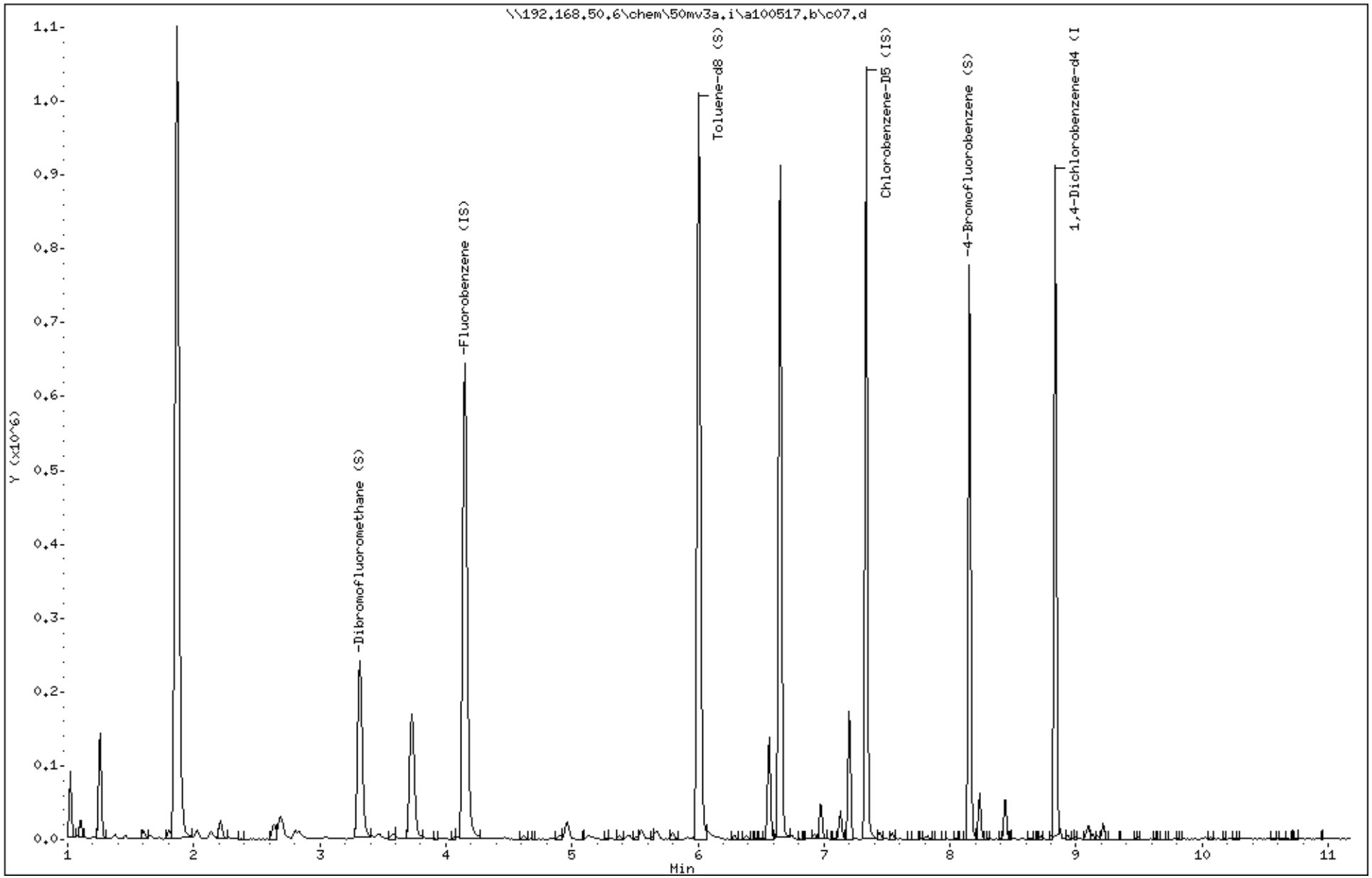
QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d
Date : 06-OCT-2017 01:36
Client ID: MW-0506-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760003
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

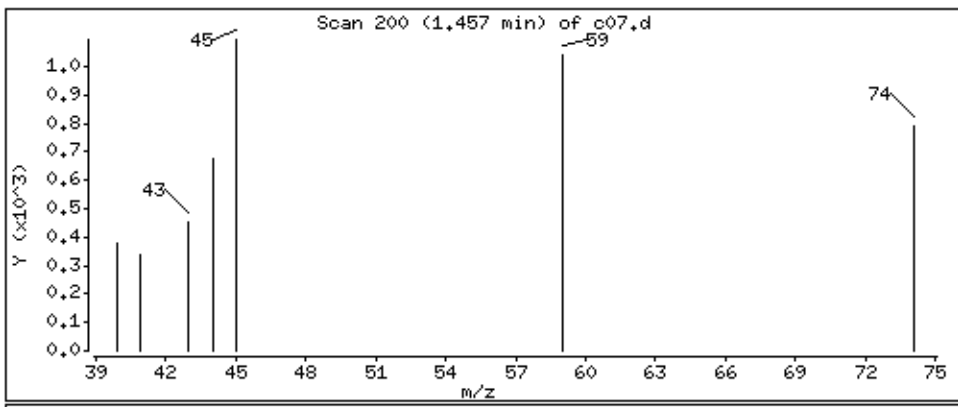
Column phase: DB-624

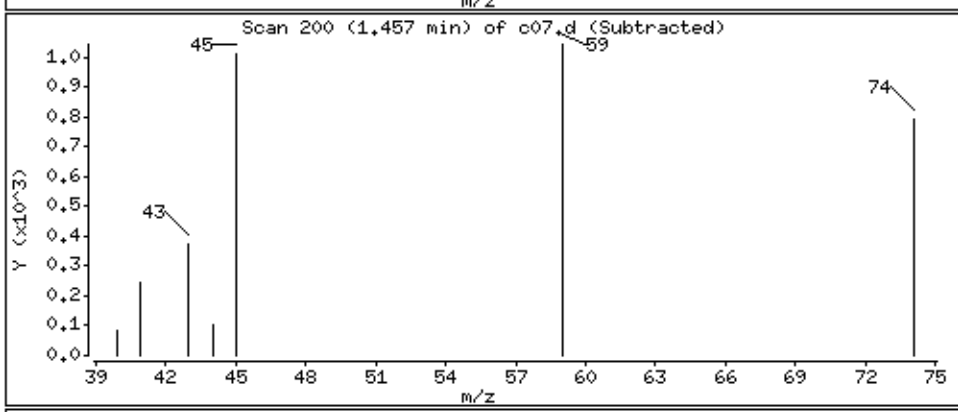
Column diameter: 0.18

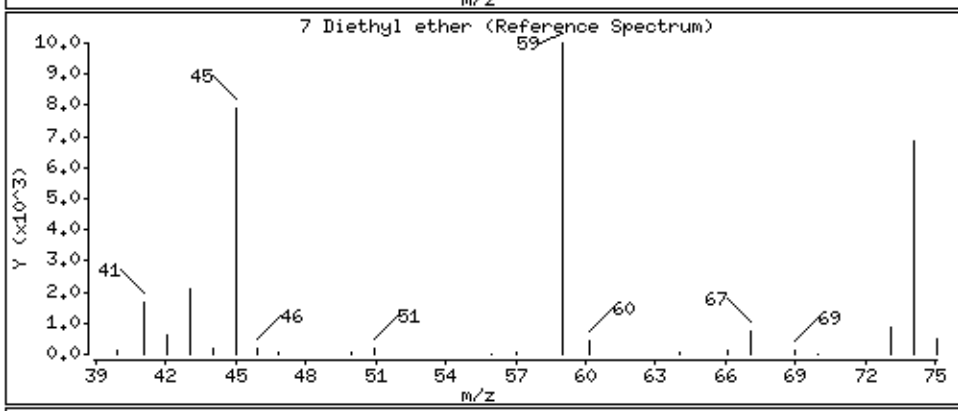
7 Diethyl ether

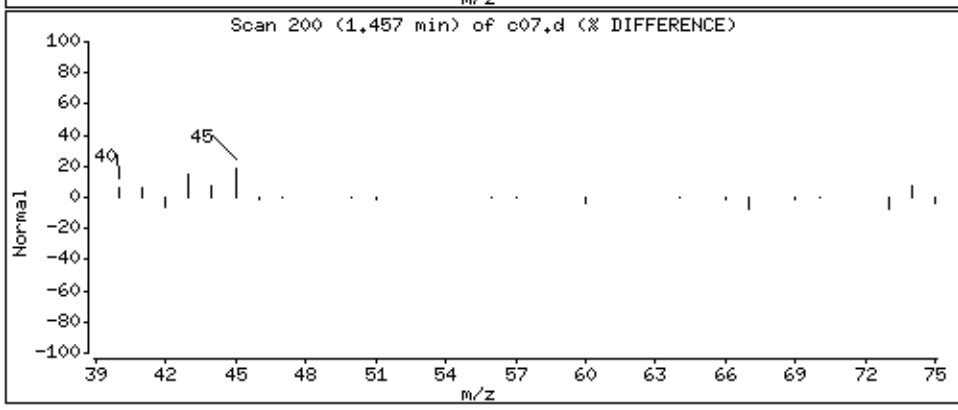
Concentration: 0.512 ppb

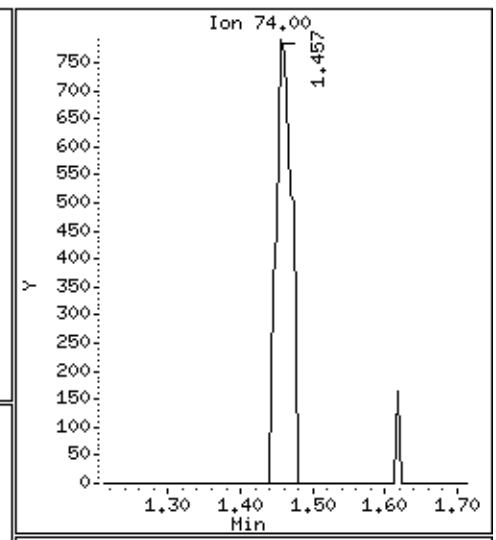
Review Code:

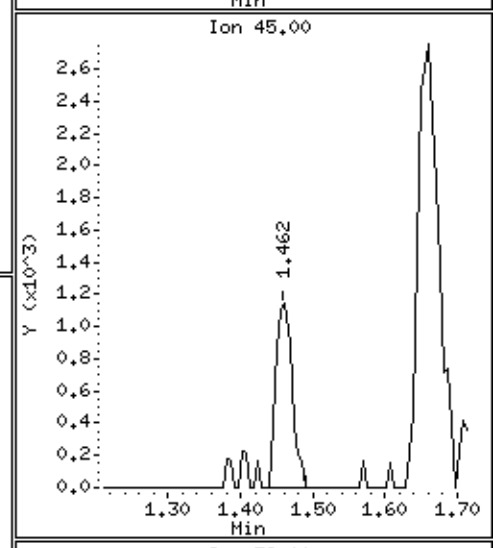


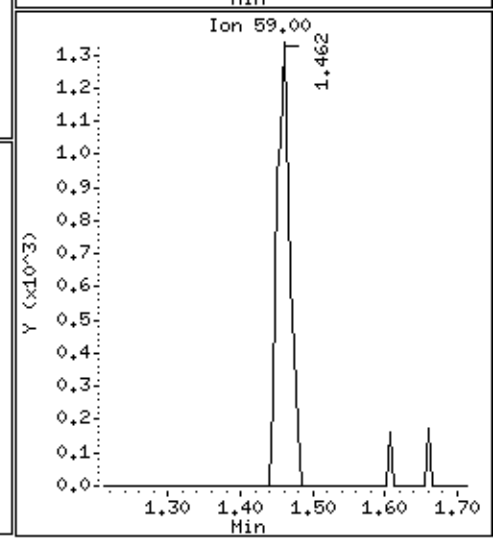












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d

Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

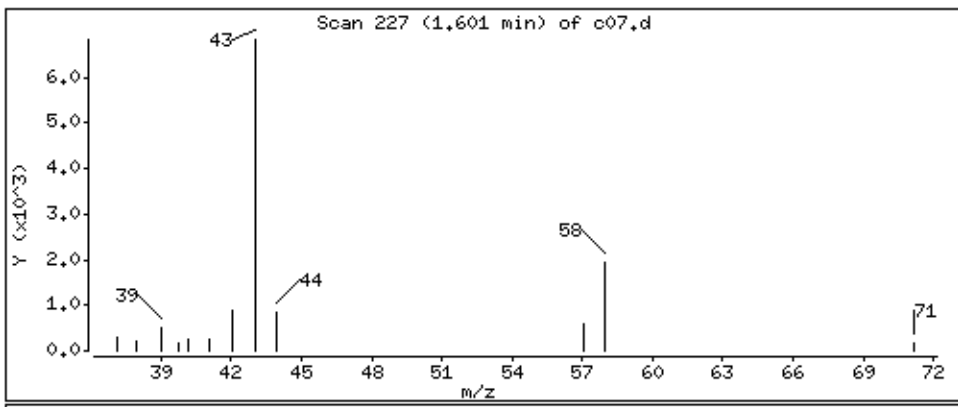
Column phase: DB-624

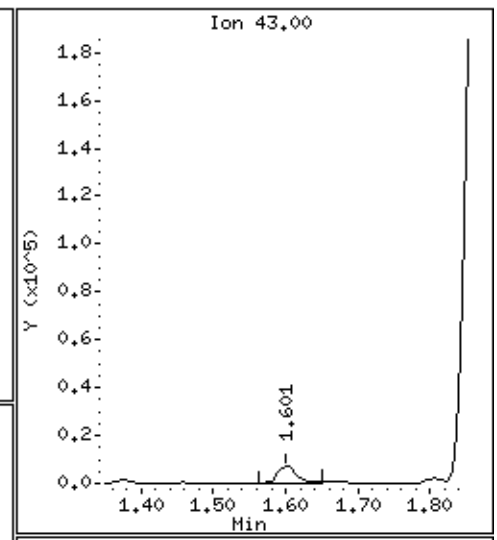
Column diameter: 0.18

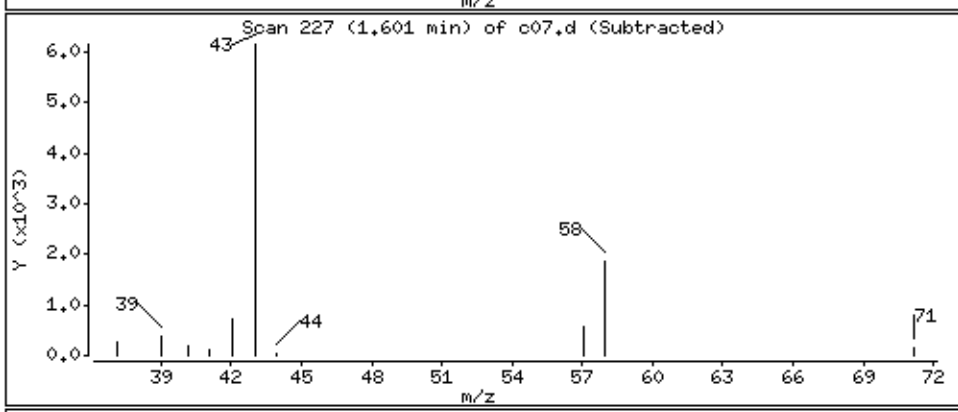
12 Acetone

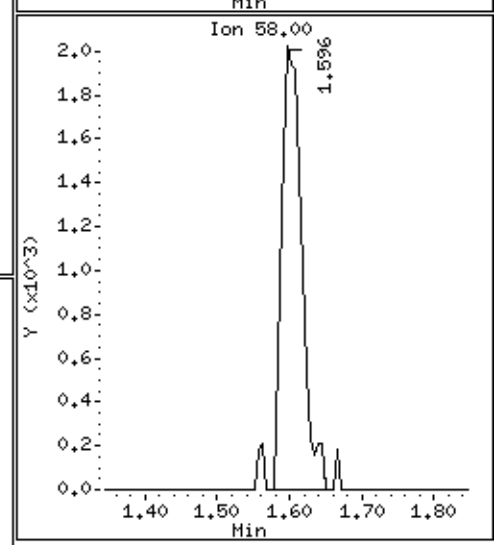
Concentration: 1.22 ppb

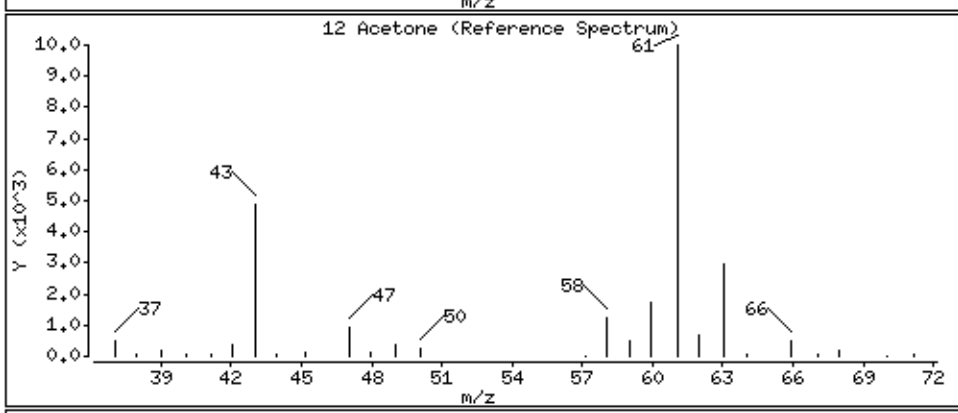
Review Code:

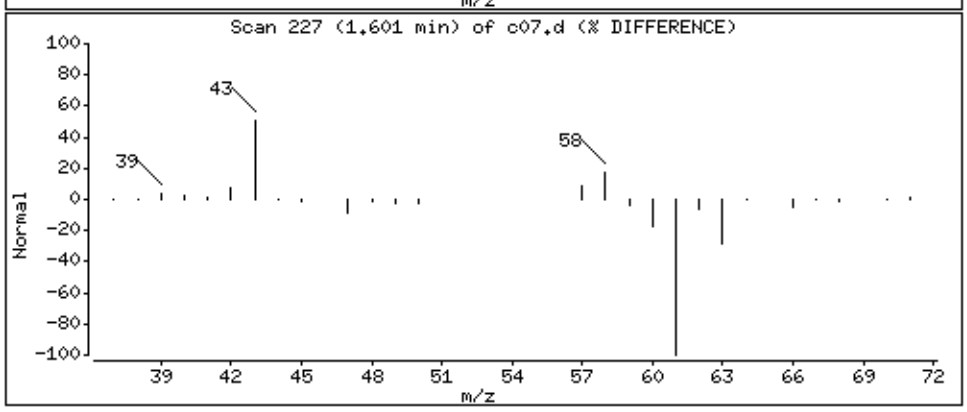












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d

Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

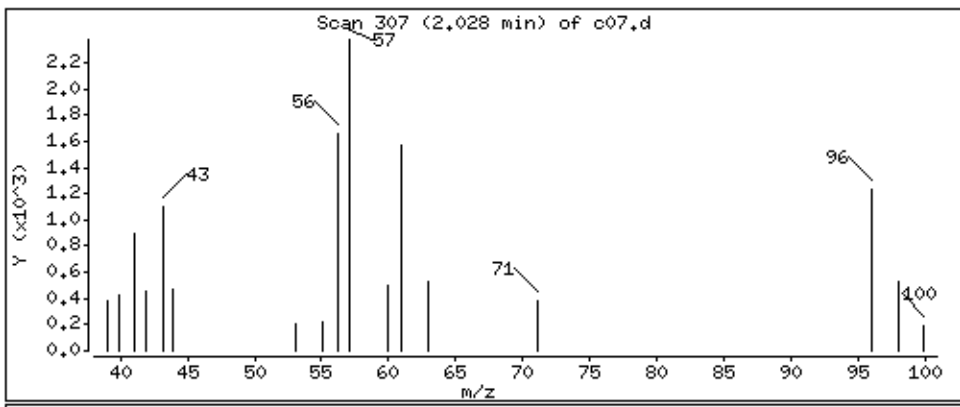
Column phase: DB-624

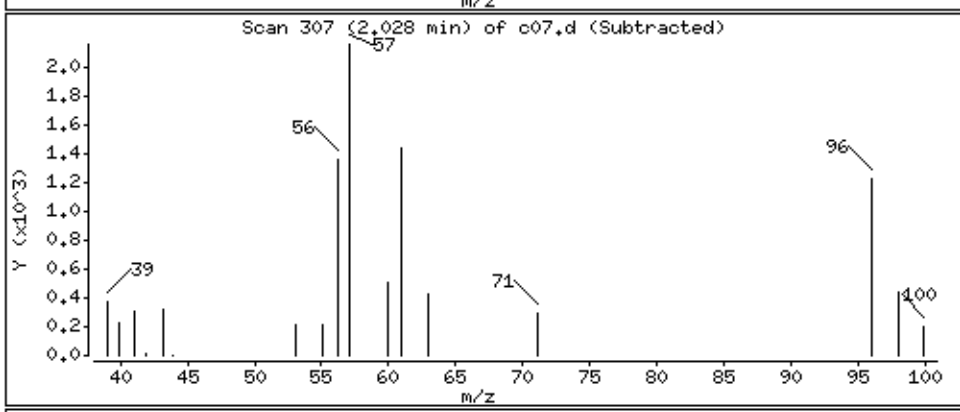
Column diameter: 0.18

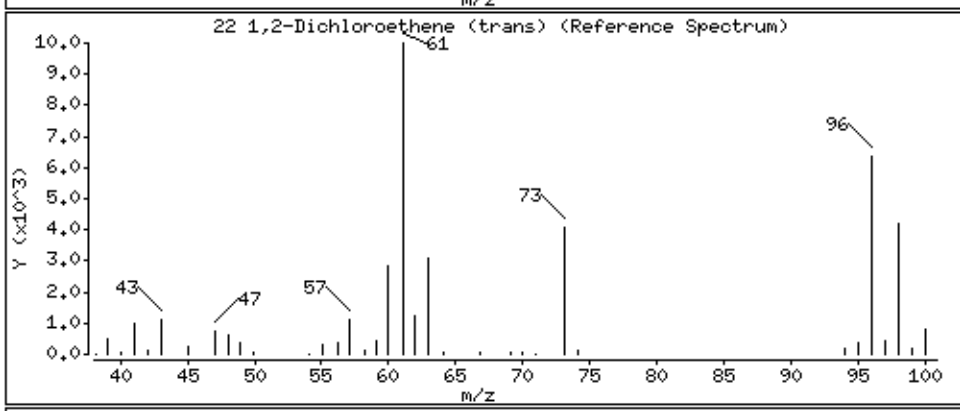
22 1,2-Dichloroethene (trans)

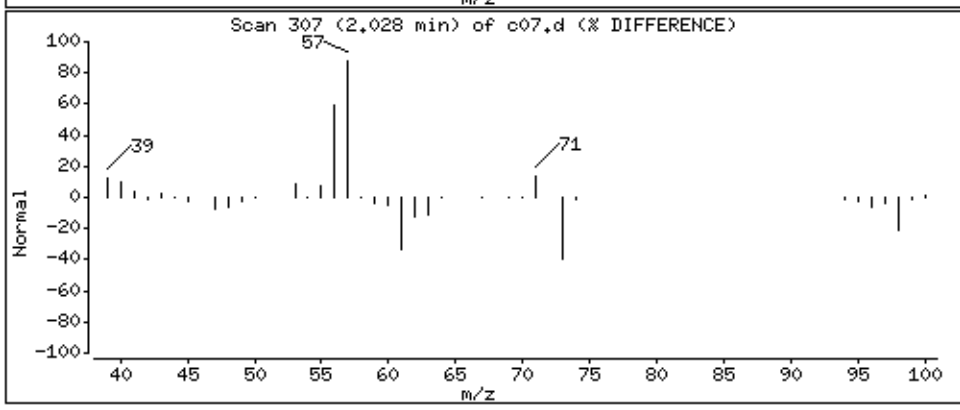
Concentration: 0.352 ppb

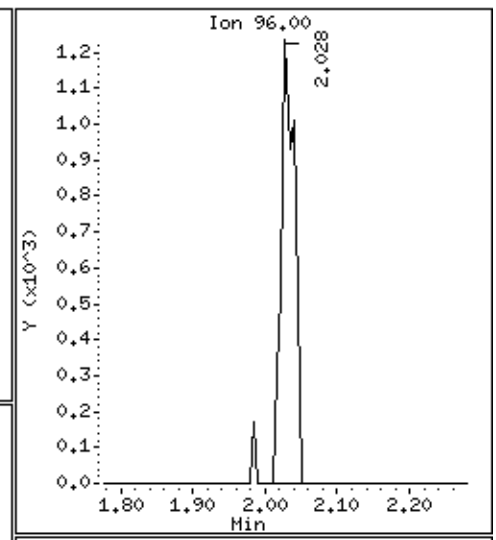
Review Code:

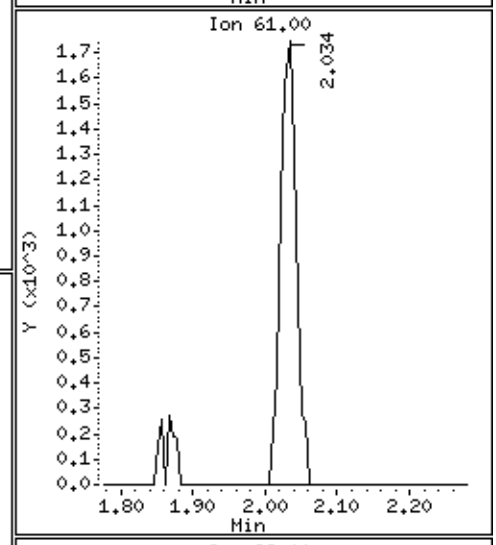


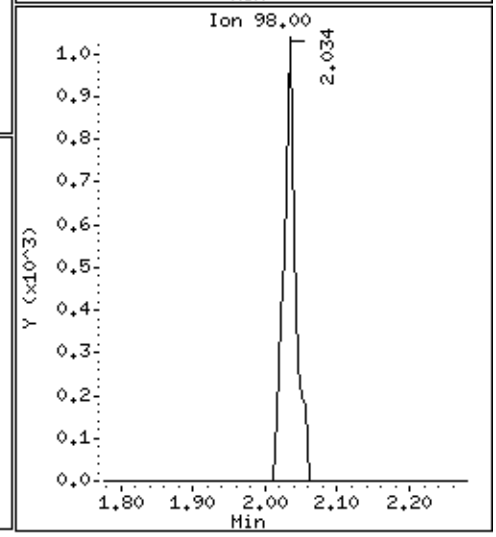












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d

Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

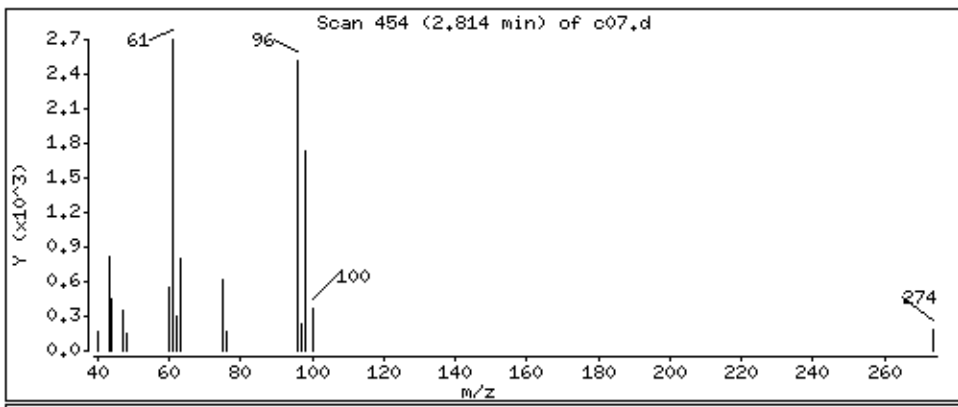
Column phase: DB-624

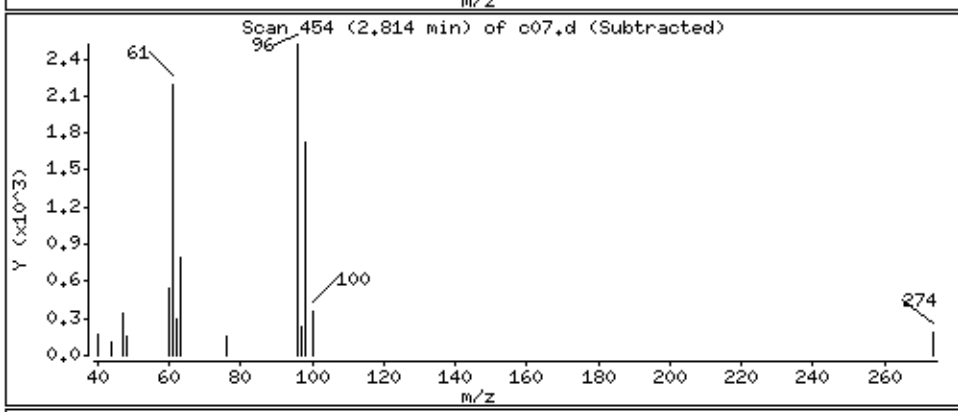
Column diameter: 0.18

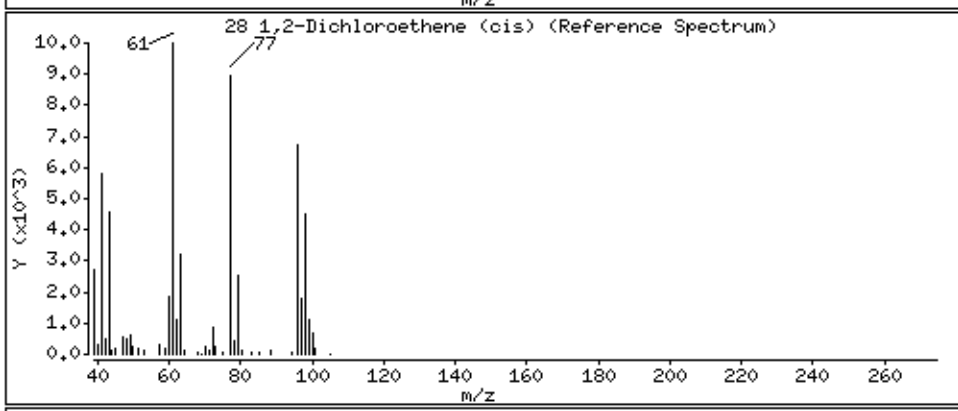
28 1,2-Dichloroethene (cis)

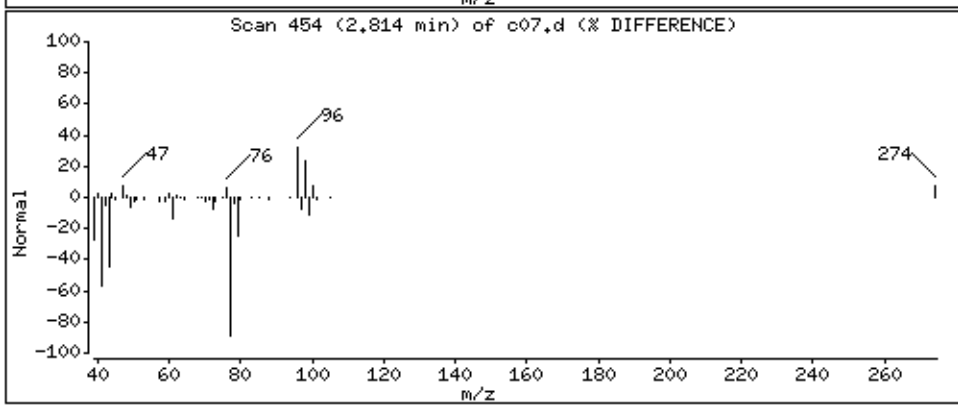
Concentration: 1.09 ppb

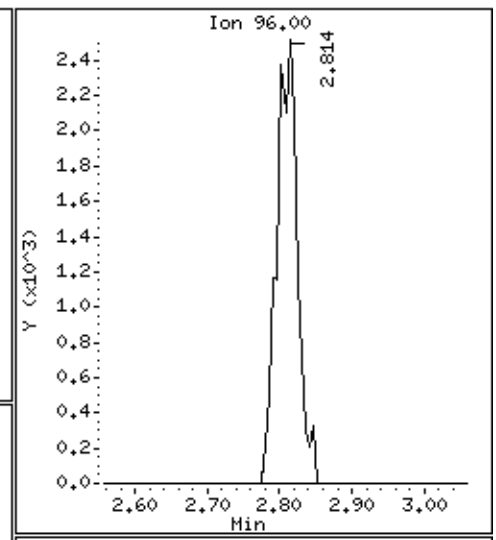
Review Code:

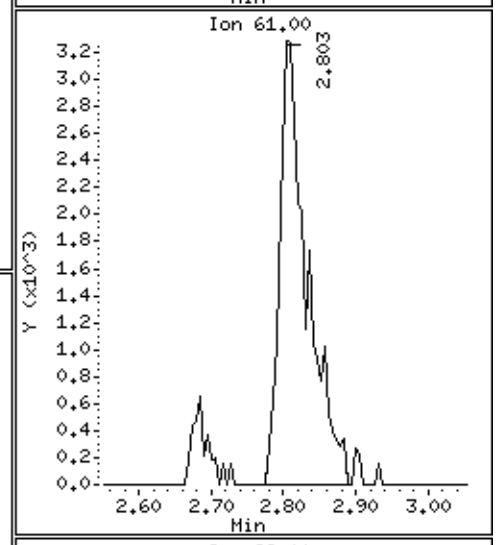


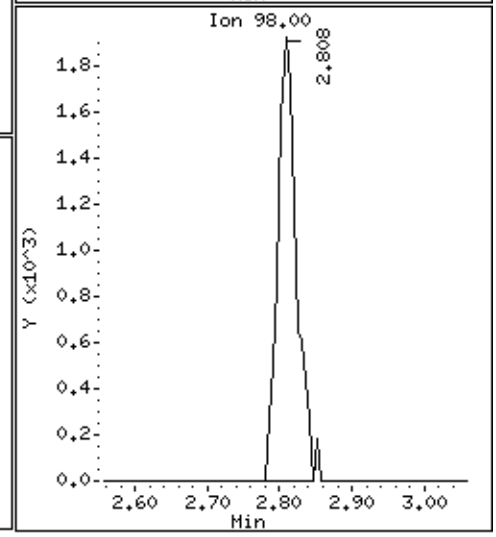












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d

Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

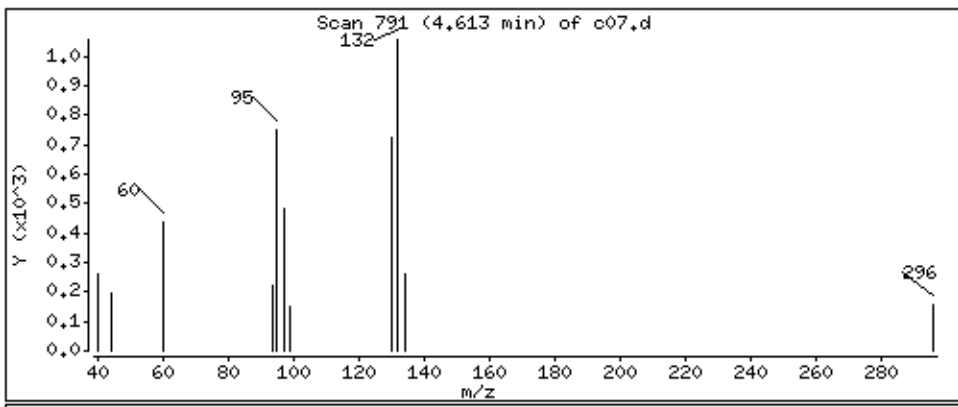
Column phase: DB-624

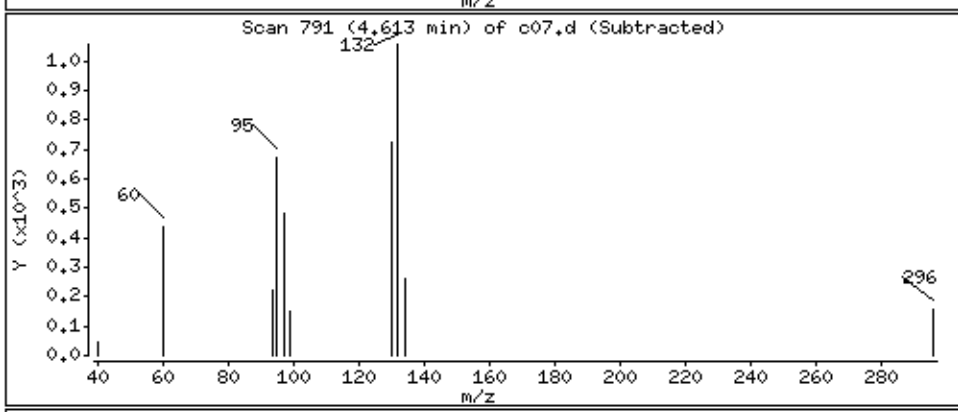
Column diameter: 0.18

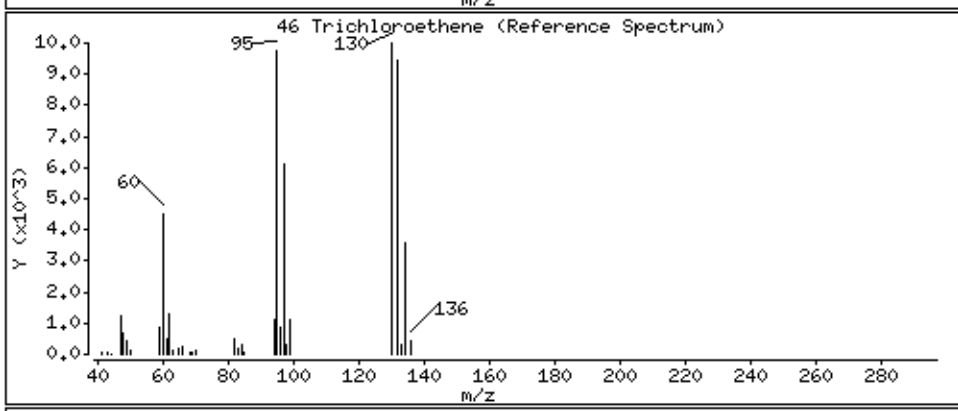
46 Trichloroethene

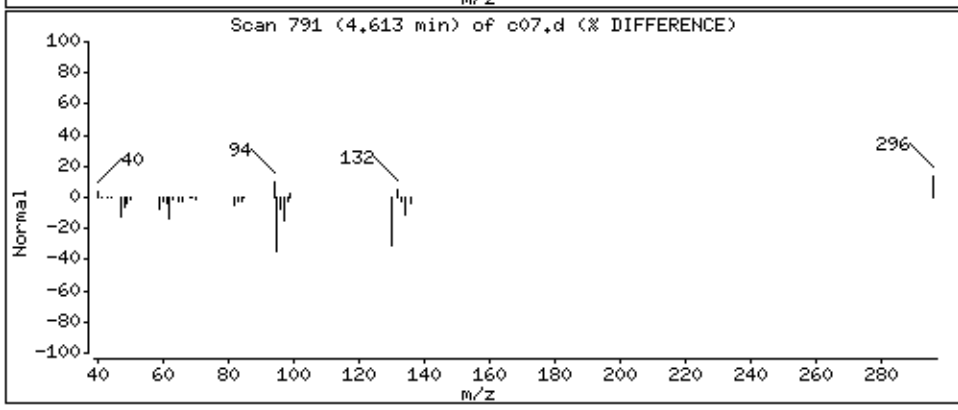
Concentration: 0.353 ppb

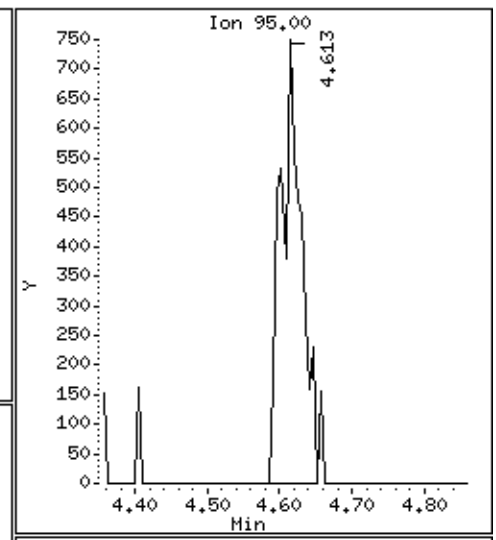
Review Code:

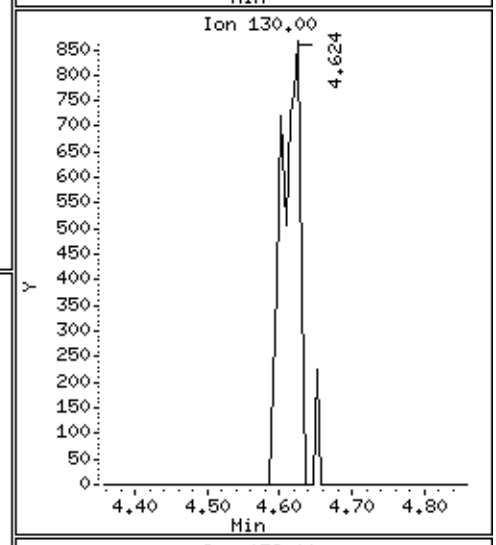


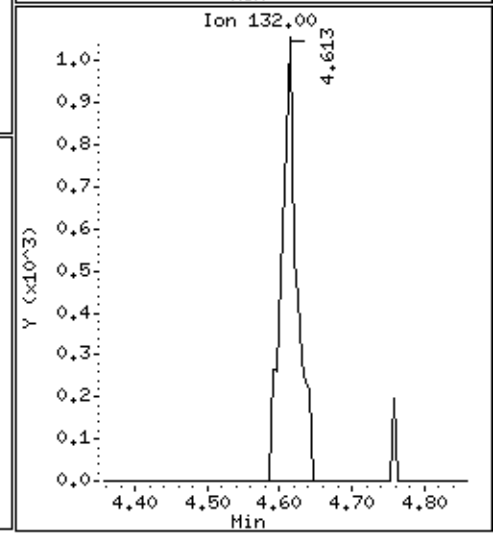












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Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

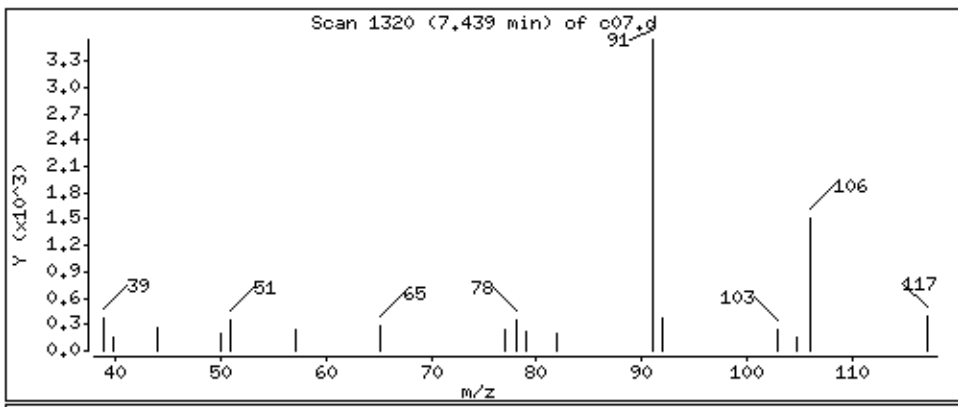
Column phase: DB-624

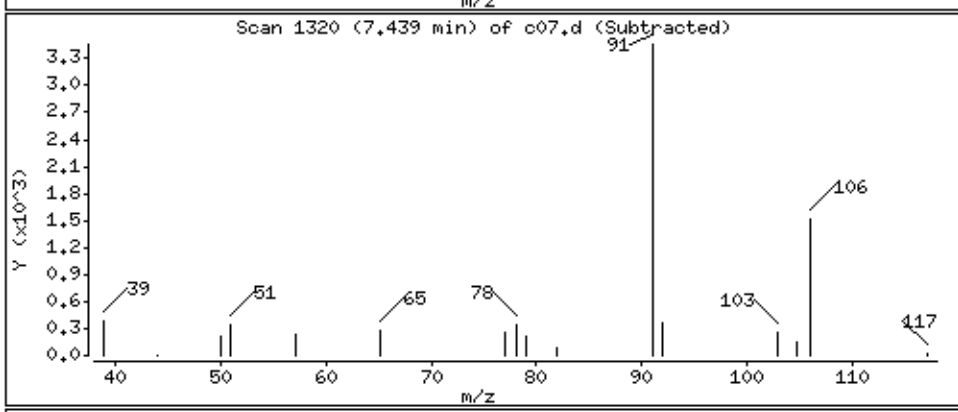
Column diameter: 0.18

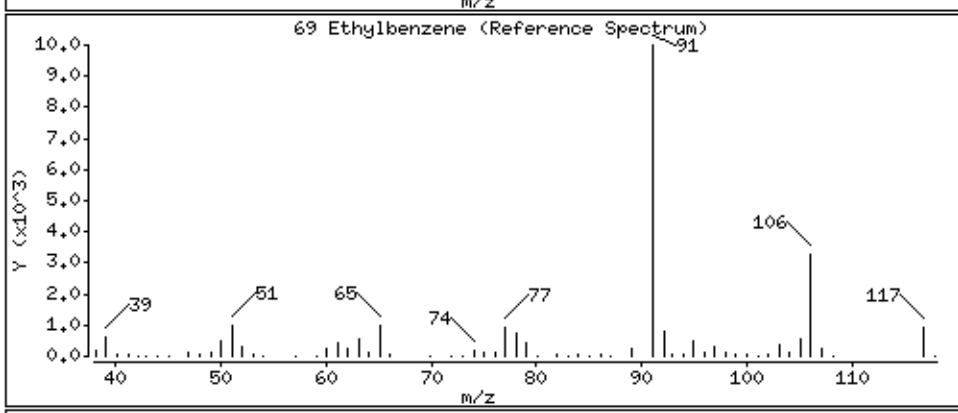
69 Ethylbenzene

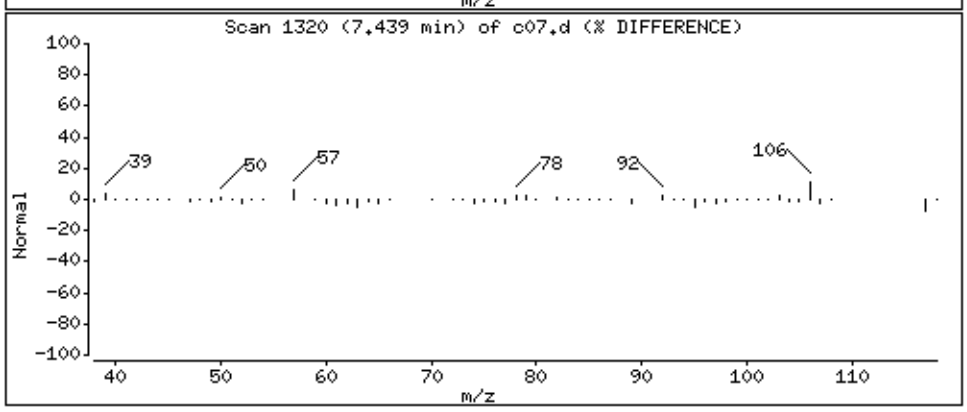
Concentration: 0.290 ppb

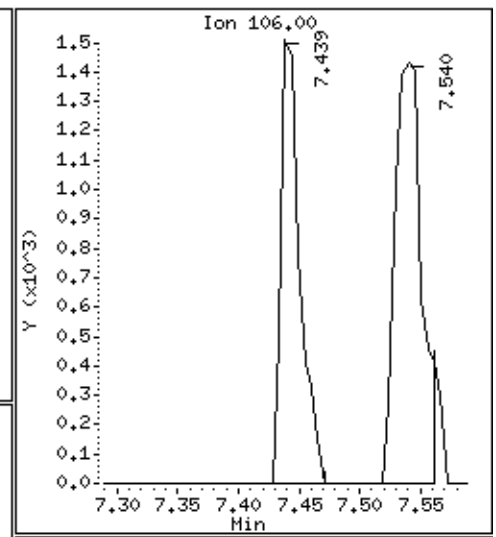
Review Code:

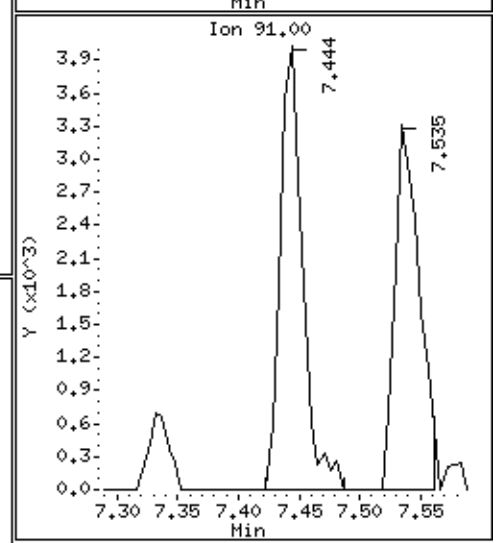












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c07.d

Date : 06-OCT-2017 01:36

Client ID: MW-0506-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760003

Purge Volume: 5.0

Operator: jlz

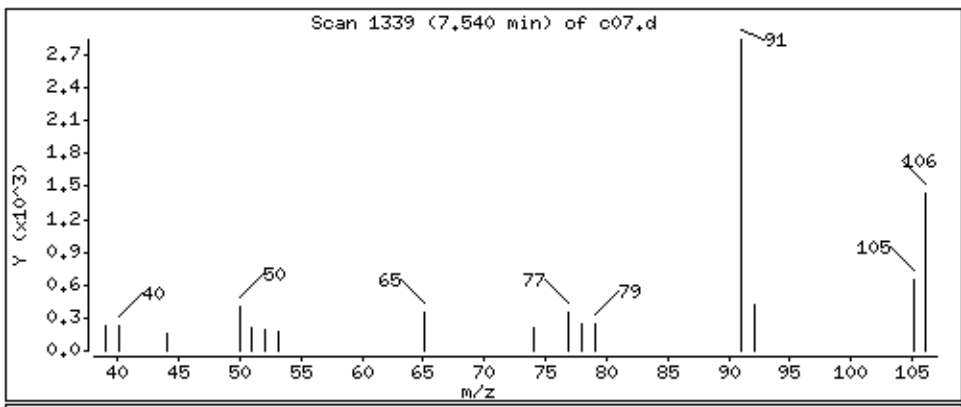
Column phase: DB-624

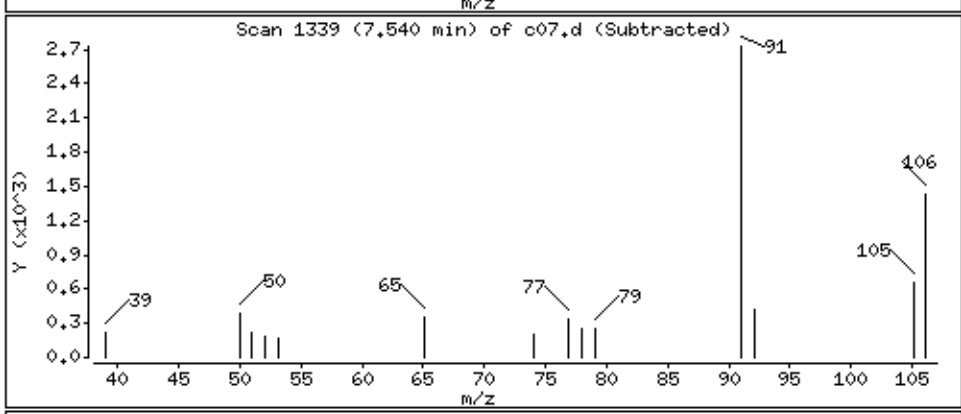
Column diameter: 0.18

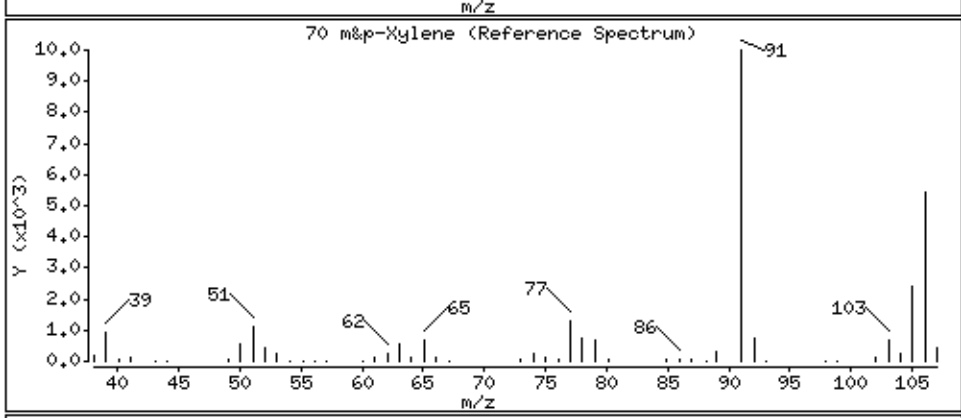
70 m&p-Xylene

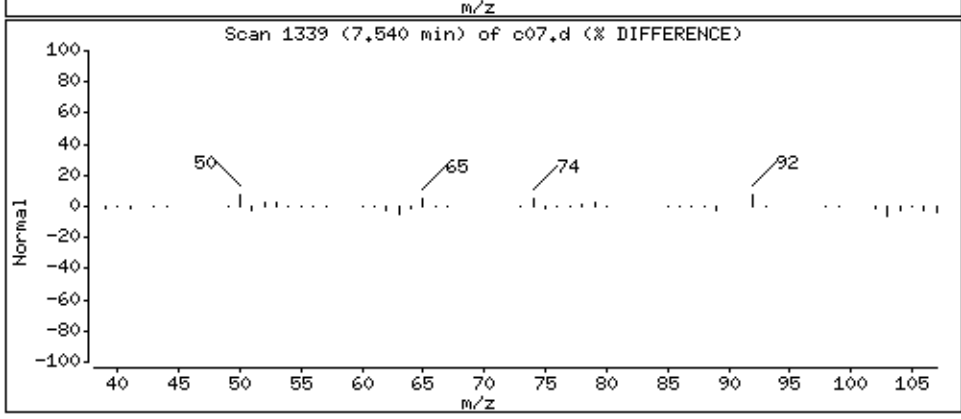
Concentration: 0.361 ppb

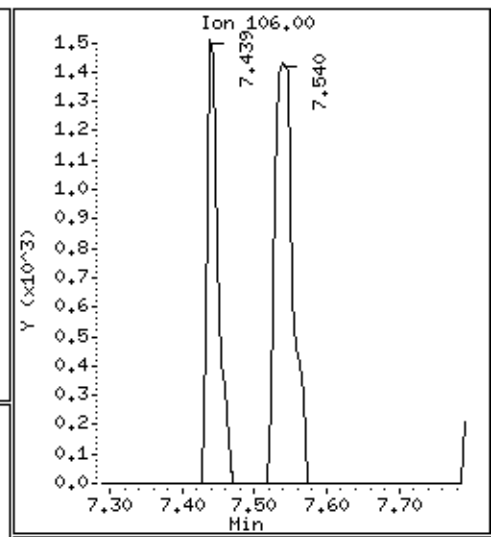
Review Code:

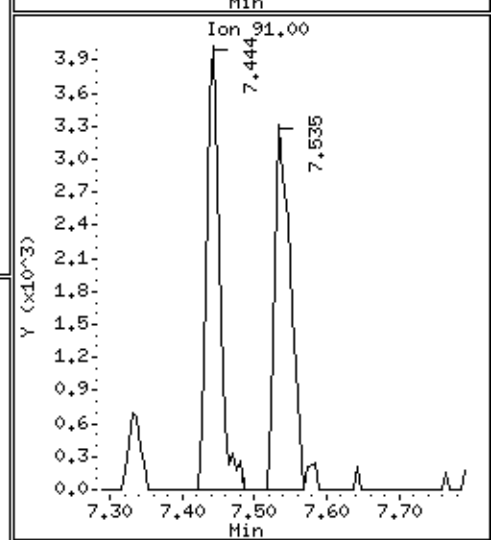


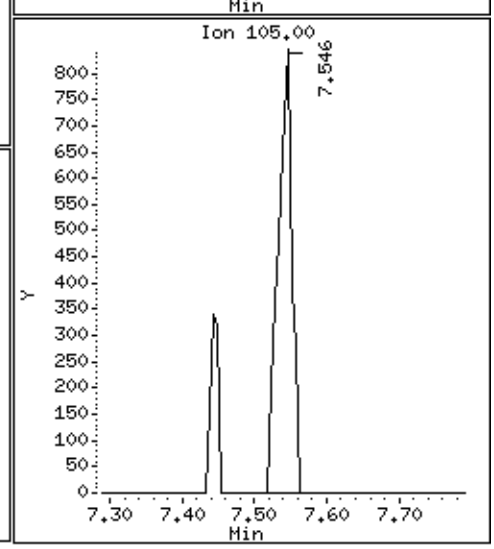












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c07.d
Injection Date: 06-OCT-2017 01:36
Instrument: 50mv3a.i
Lab Sample ID: 50180760003
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

EB-1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:07 Lab Sample ID: 50180760004

Date Analyzed: 10/06/2017 02:07 Lab File ID: A100517.B\C08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

EB-1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:07 Lab Sample ID: 50180760004

Date Analyzed: 10/06/2017 02:07 Lab File ID: A100517.B\C08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d
Lab Smp Id: 50180760004 Client Smp ID: EB-1 (092717)
Inj Date : 06-OCT-2017 02:07
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760004
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 63
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.452	1.460	(0.350)	1212	0.59545	0.595(Q)	
12 Acetone	43	1.597	1.599	(0.385)	15672	11.3842	11.4	
$ 35 Dibromofluoromethane (S)	113	3.316	3.319	(0.799)	162713	48.9514	49.0	
* 45 Fluorobenzene (IS)	96	4.150	4.152	(1.000)	673204	50.0000		
$ 56 Toluene-d8 (S)	98	6.008	6.006	(0.819)	619440	48.2785	48.3	
57 Toluene	91	6.083	6.080	(0.830)	2692	0.16676	0.167	
* 66 Chlorobenzene-D5 (IS)	117	7.333	7.335	(1.000)	427658	50.0000		
69 Ethylbenzene	106	7.440	7.437	(1.015)	1606	0.28951	0.290	
70 m&p-Xylene	106	7.536	7.538	(1.028)	2857	0.44823	0.448	
72 Styrene	104	7.824	7.816	(1.067)	2024	0.20027	0.200	
$ 75 4-Bromofluorobenzene (S)	95	8.155	8.153	(1.112)	164088	46.6398	46.6	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.831	(1.000)	151824	50.0000		

QC Flag Legend

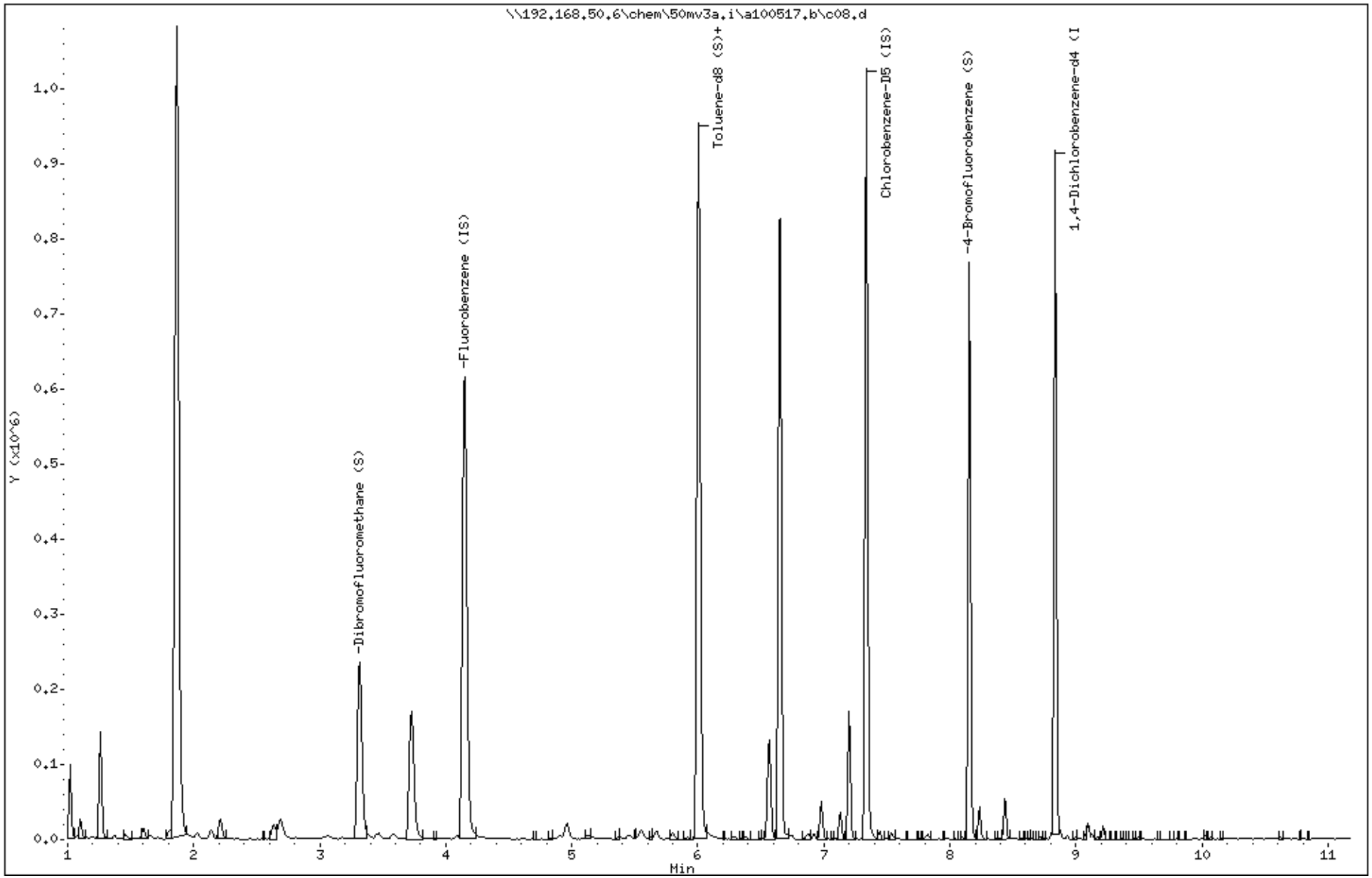
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d
Date : 06-OCT-2017 02:07
Client ID: EB-1 (092717)
Sample Info: 50180760004
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

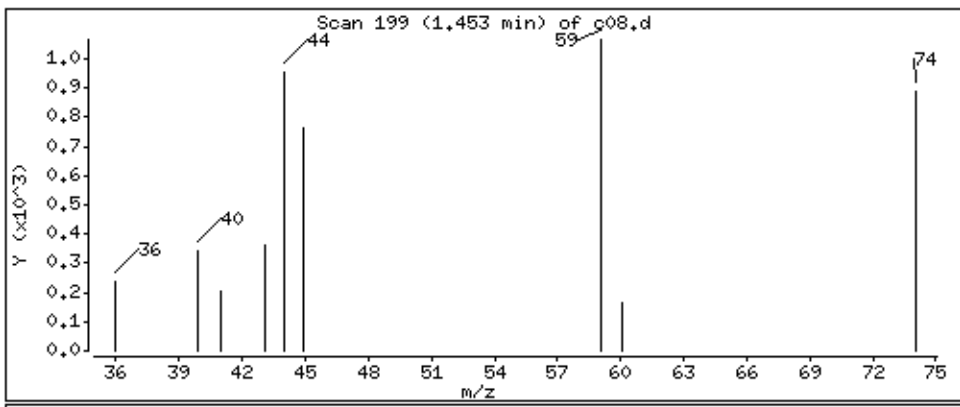
Column phase: DB-624

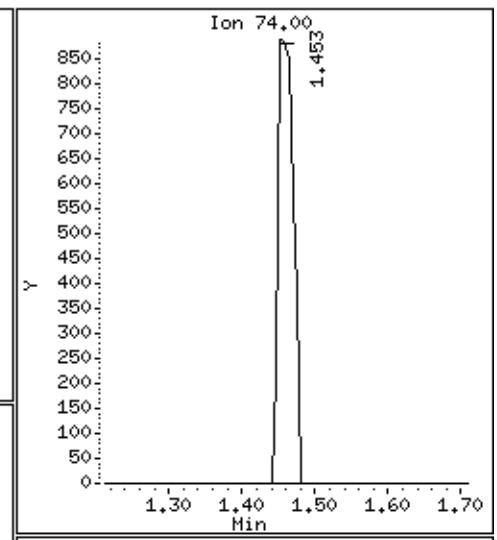
Column diameter: 0.18

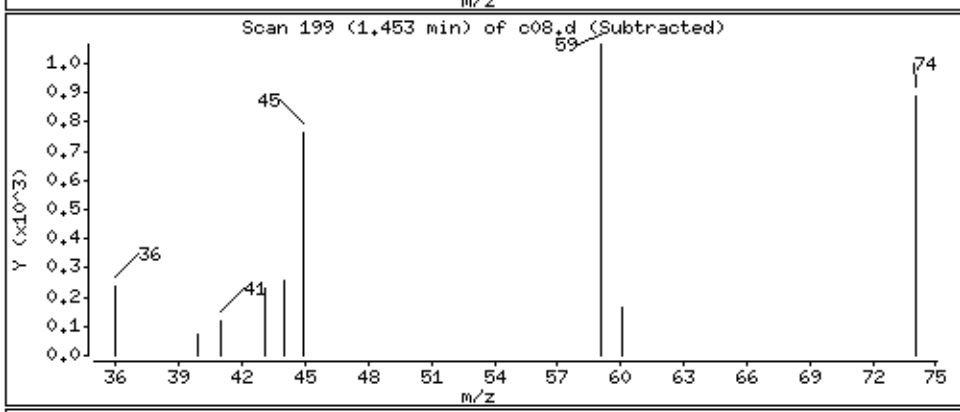
7 Diethyl ether

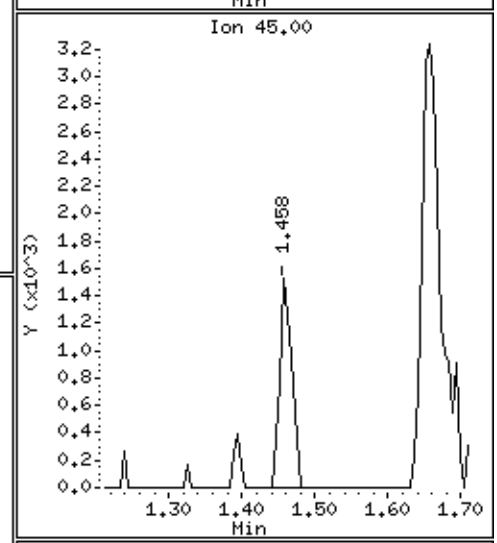
Concentration: 0.595 ppb

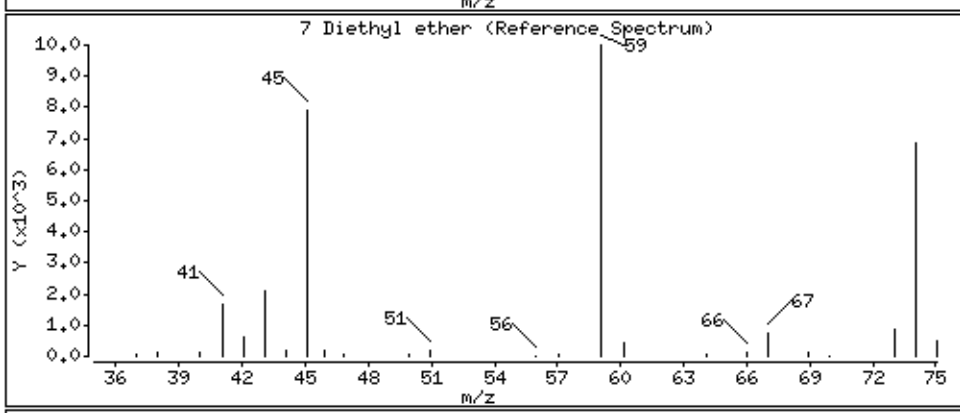
Review Code:

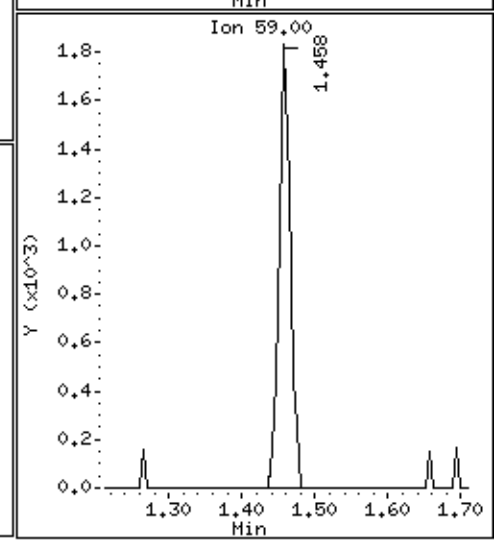


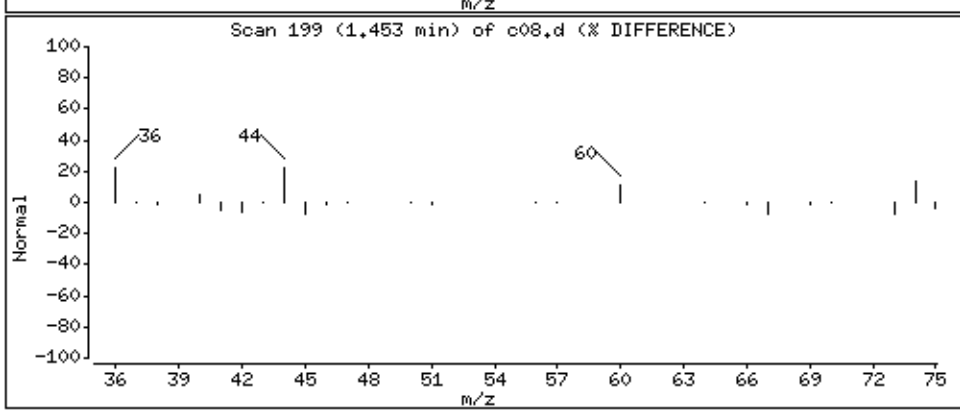












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

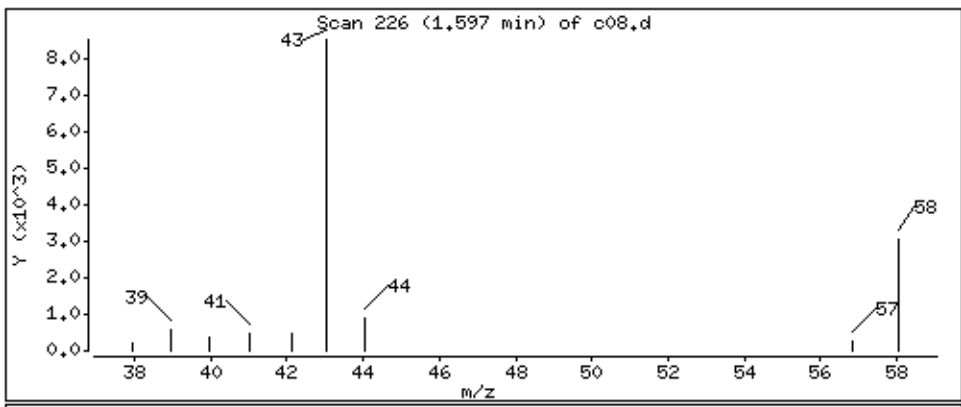
Column phase: DB-624

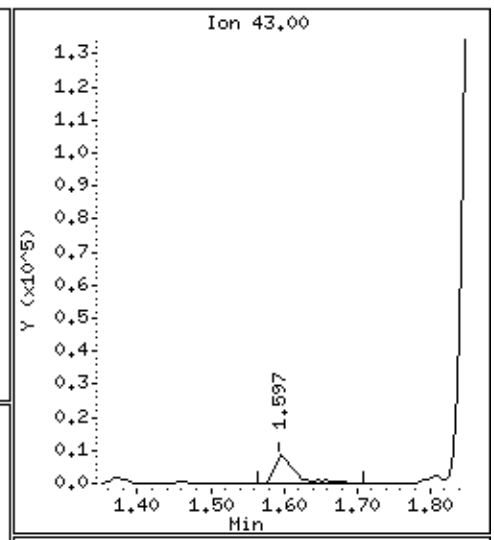
Column diameter: 0.18

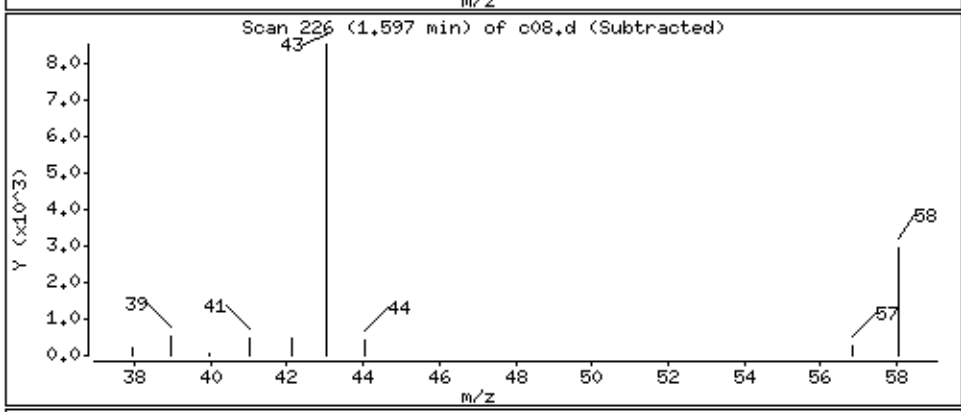
12 Acetone

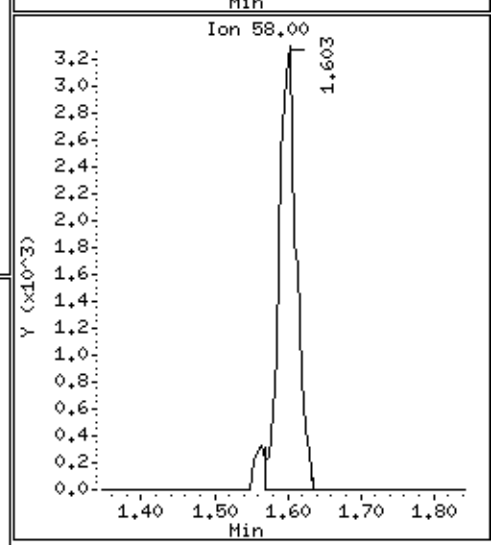
Concentration: 11.4 ppb

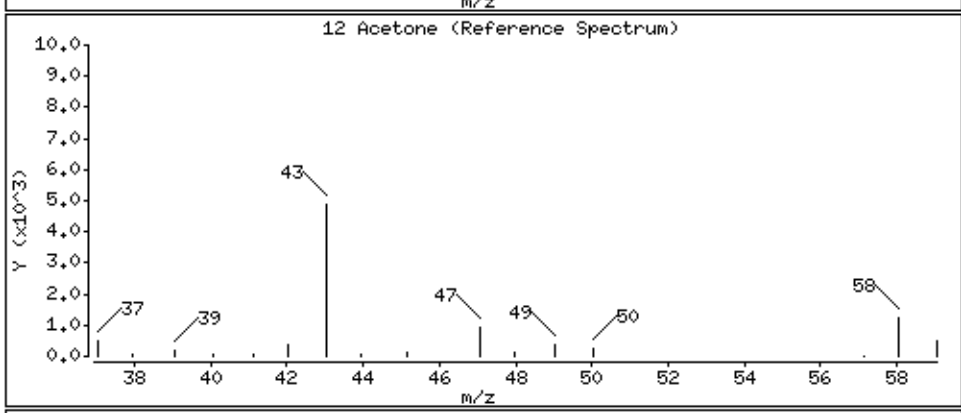
Review Code:

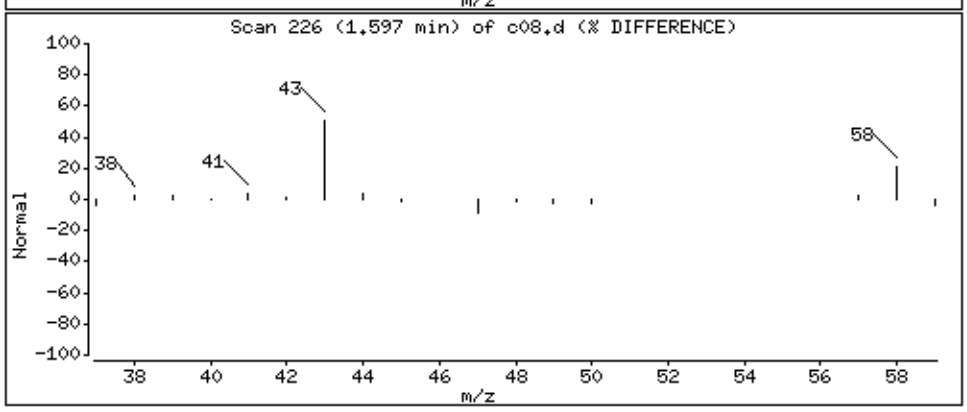












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

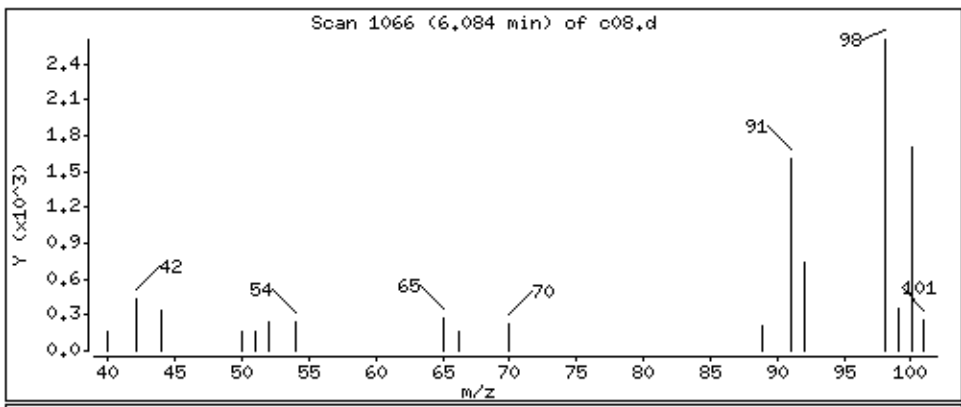
Column phase: DB-624

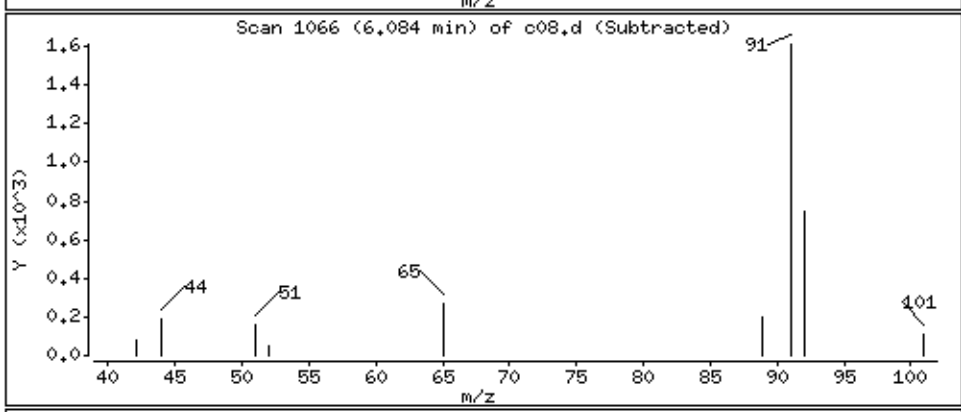
Column diameter: 0.18

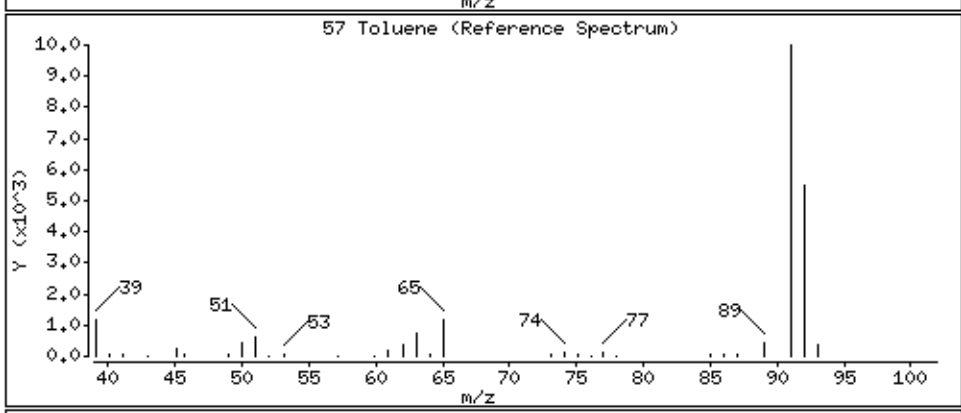
57 Toluene

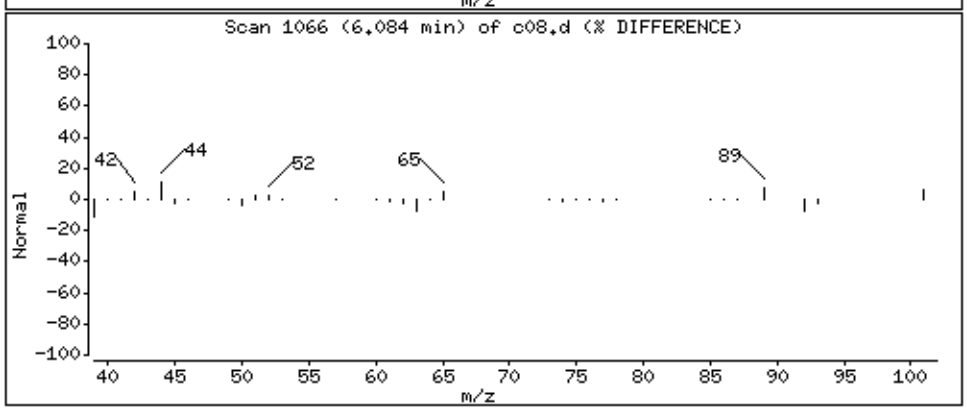
Concentration: 0.167 ppb

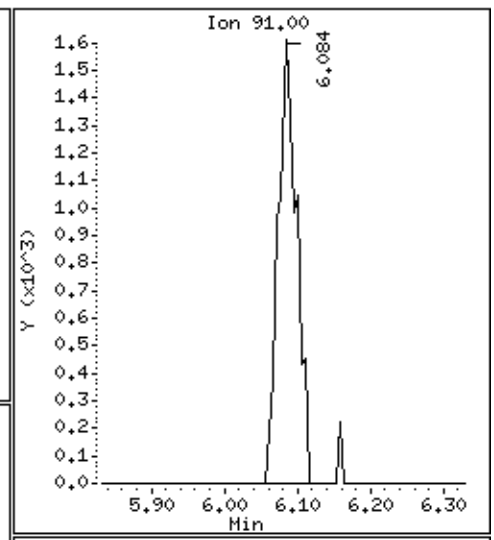
Review Code:

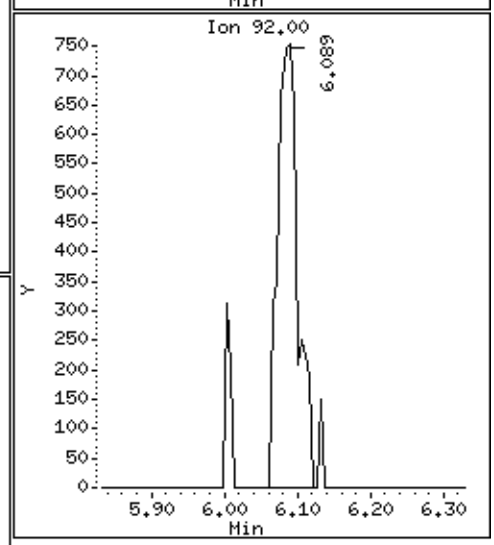












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

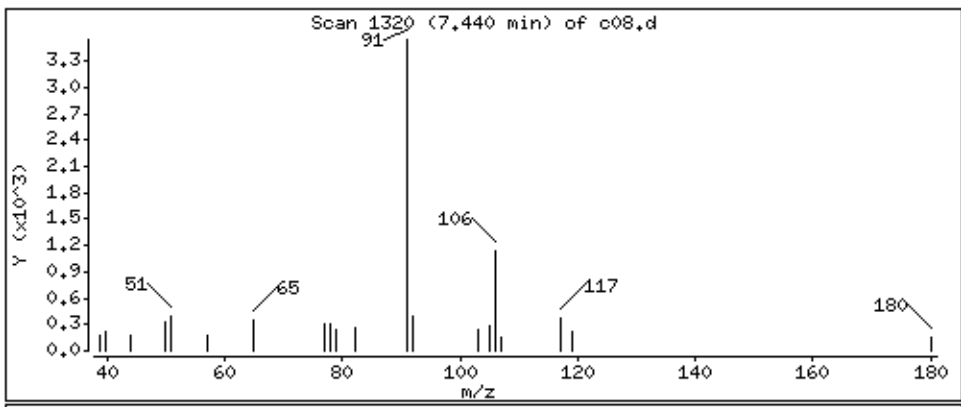
Column phase: DB-624

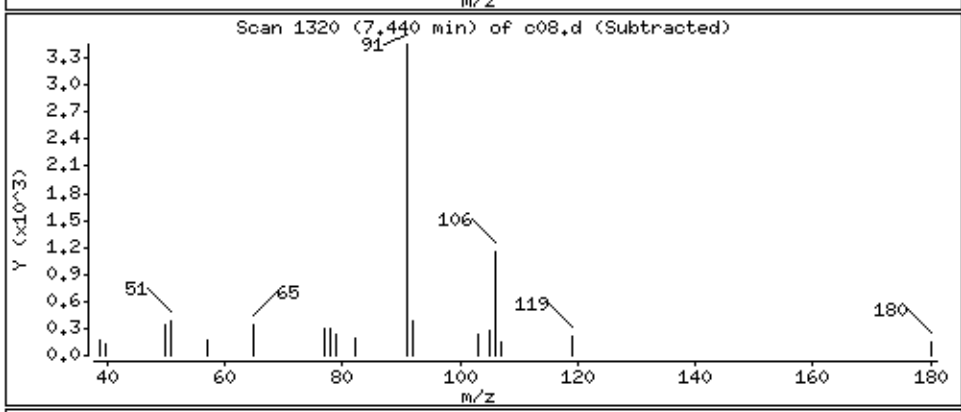
Column diameter: 0.18

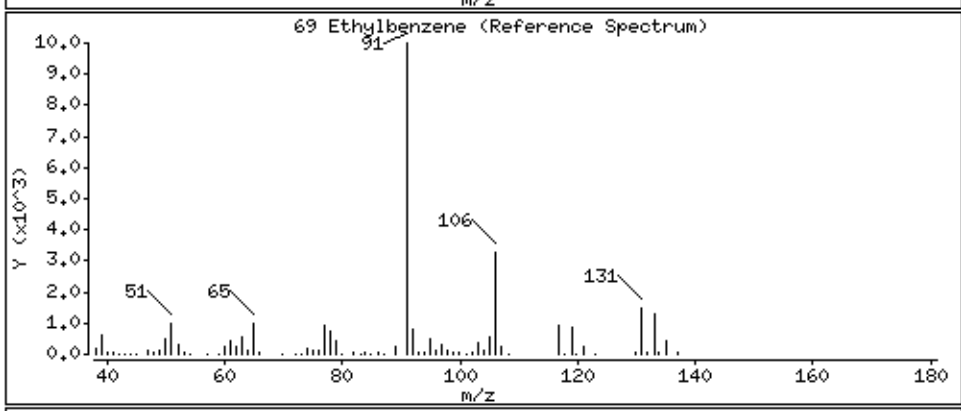
69 Ethylbenzene

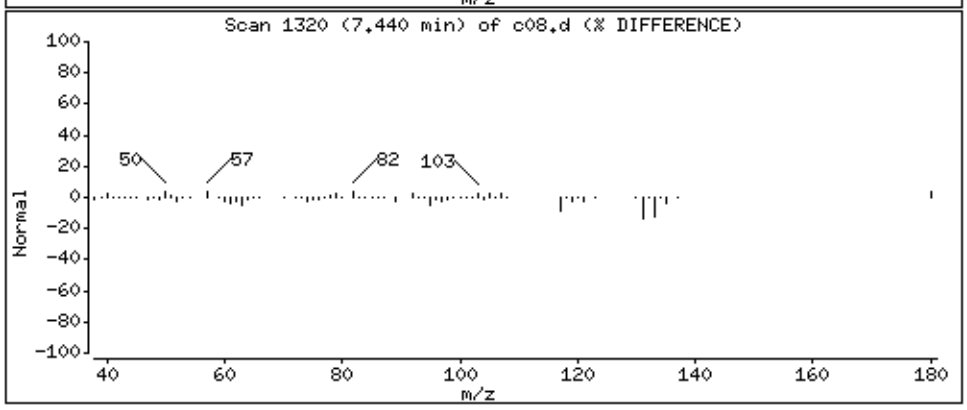
Concentration: 0.290 ppb

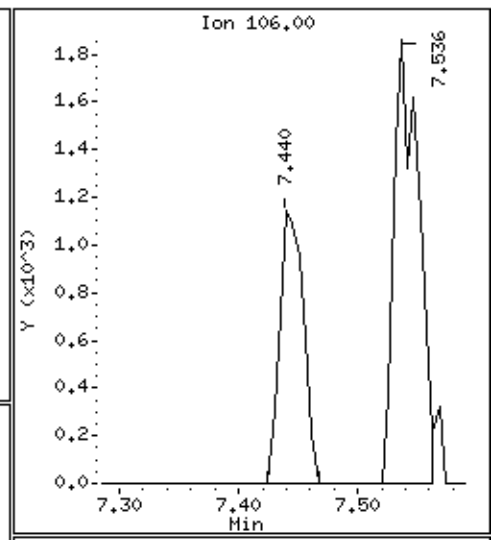
Review Code:

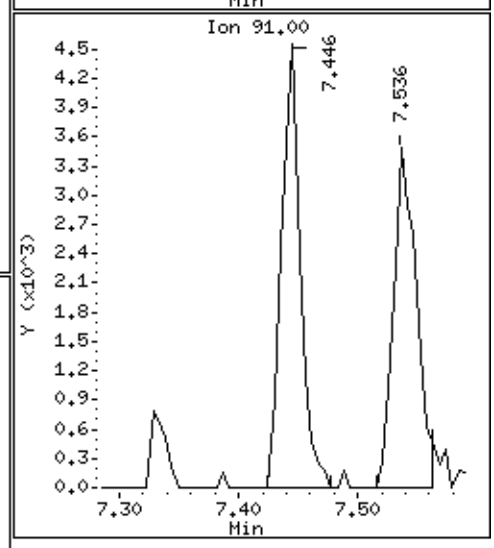












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

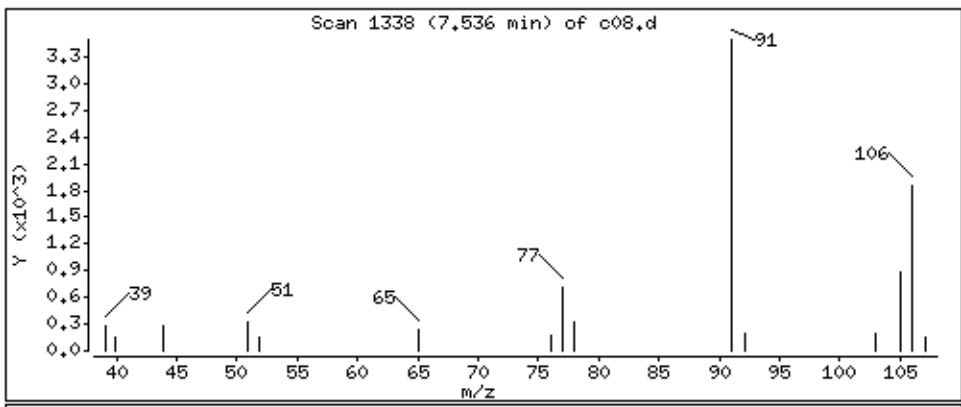
Column phase: DB-624

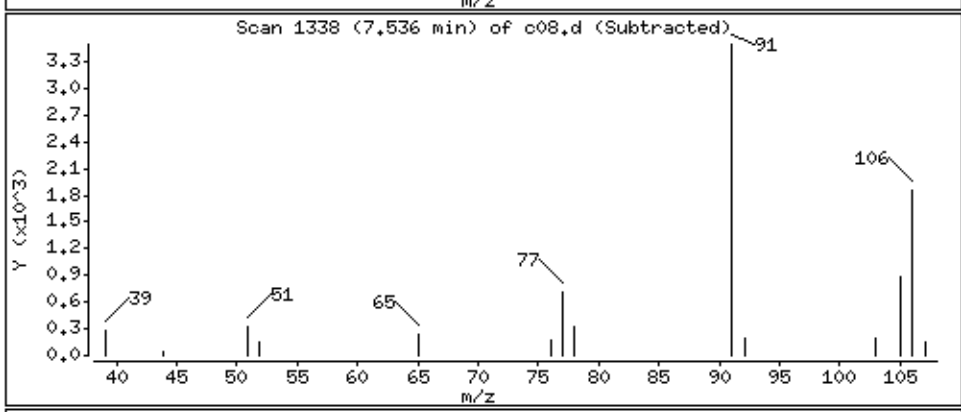
Column diameter: 0.18

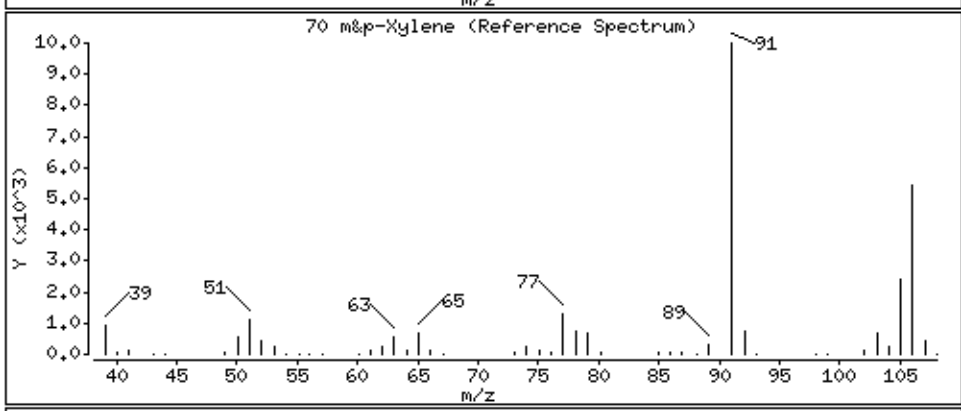
70 m&p-Xylene

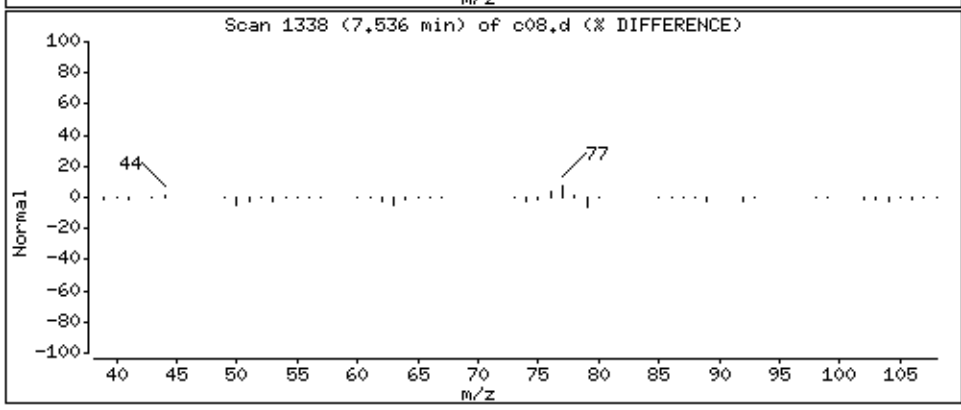
Concentration: 0.448 ppb

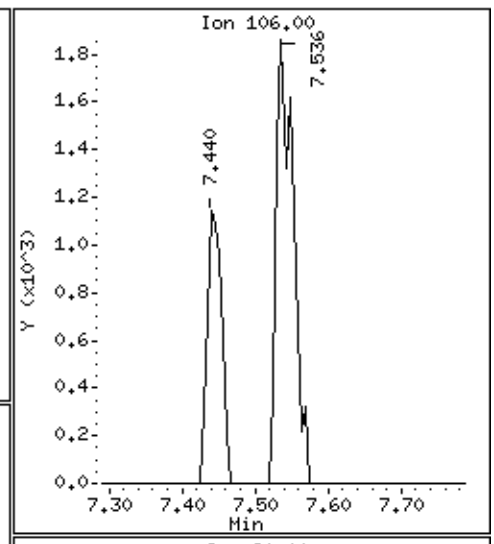
Review Code:

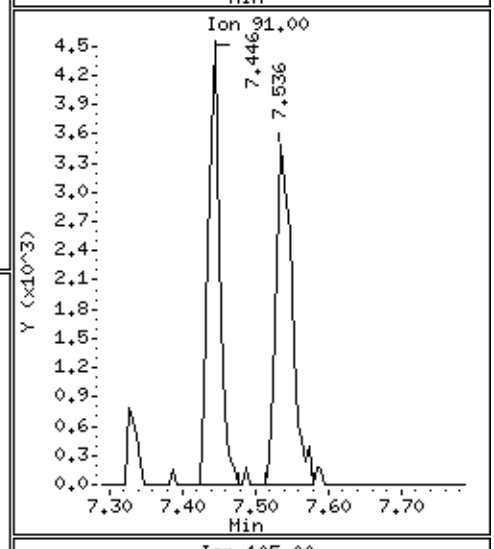


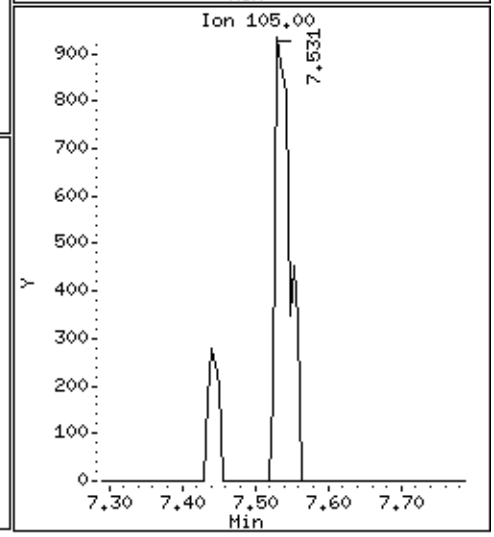












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c08.d

Date : 06-OCT-2017 02:07

Client ID: EB-1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760004

Purge Volume: 5.0

Operator: jlz

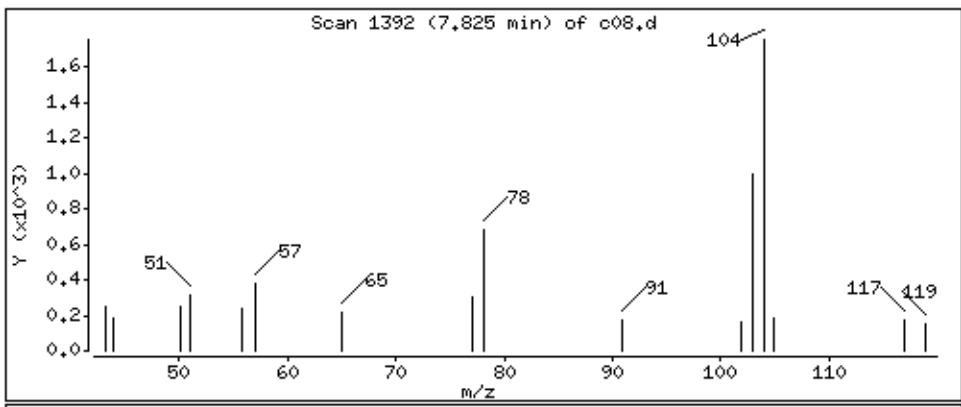
Column phase: DB-624

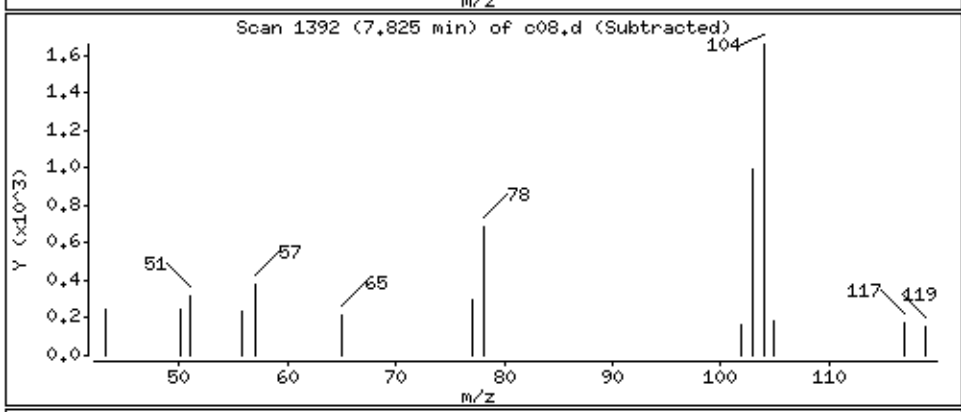
Column diameter: 0.18

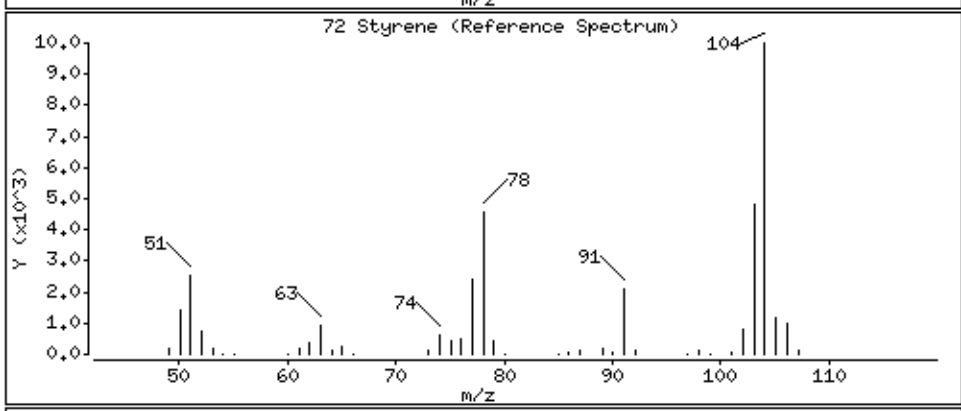
72 Styrene

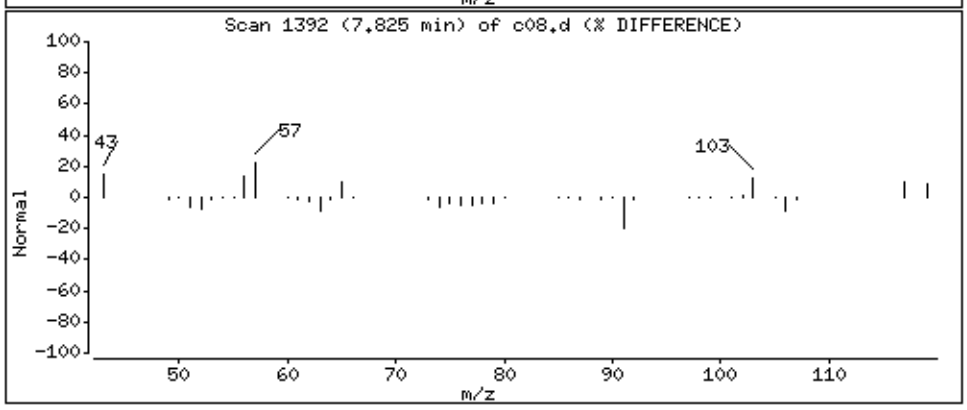
Concentration: 0.200 ppb

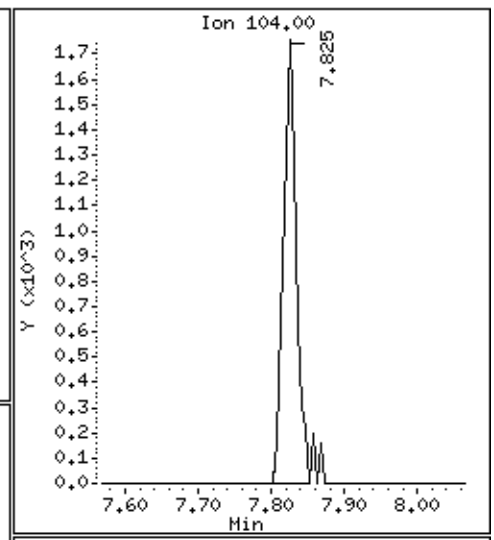
Review Code:

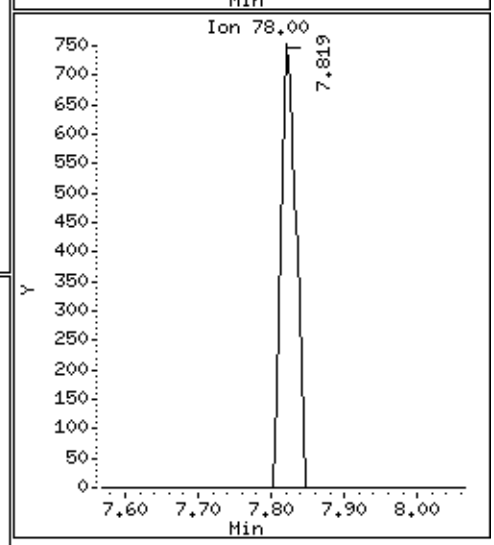












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c08.d
Injection Date: 06-OCT-2017 02:07
Instrument: 50mv3a.i
Lab Sample ID: 50180760004
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0507-S1 (0-2717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 20:56 Lab Sample ID: 50180760005

Date Analyzed: 10/10/2017 20:56 Lab File ID: B101017.B\B18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	21.1	
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	53.9	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0507-S1 (0-2717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 20:56 Lab Sample ID: 50180760005

Date Analyzed: 10/10/2017 20:56 Lab File ID: B101017.B\B18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	9.6	
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d
Lab Smp Id: 50180760005
Inj Date : 10-OCT-2017 20:56
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760005
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 38
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.619	1.609	(0.389)	3595	14.0591	14.0	
	25 1,1-Dichloroethane	63	2.345	2.346	(0.564)	68654	21.1072	21.1	
	28 1,2-Dichloroethene (cis)	96	2.815	2.816	(0.677)	105366	53.8991	53.9(Q)	
$	35 Dibromofluoromethane (S)	113	3.333	3.334	(0.801)	65282	47.4427	47.4	
	36 1,1,1-Trichloroethane	97	3.333	3.334	(0.801)	30384	9.62549	9.62	
*	44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	285732	50.0000		
	45 Trichloroethene	95	4.621	4.610	(1.110)	3410	1.77204	1.77	
$	55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	293803	48.9430	48.9	
*	65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	227418	50.0000		
	68 Ethylbenzene	106	7.446	7.441	(1.015)	1206	0.34675	0.347	
$	74 4-Bromofluorobenzene (S)	95	8.156	8.157	(1.112)	104494	46.3300	46.3	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	123587	50.0000		

QC Flag Legend

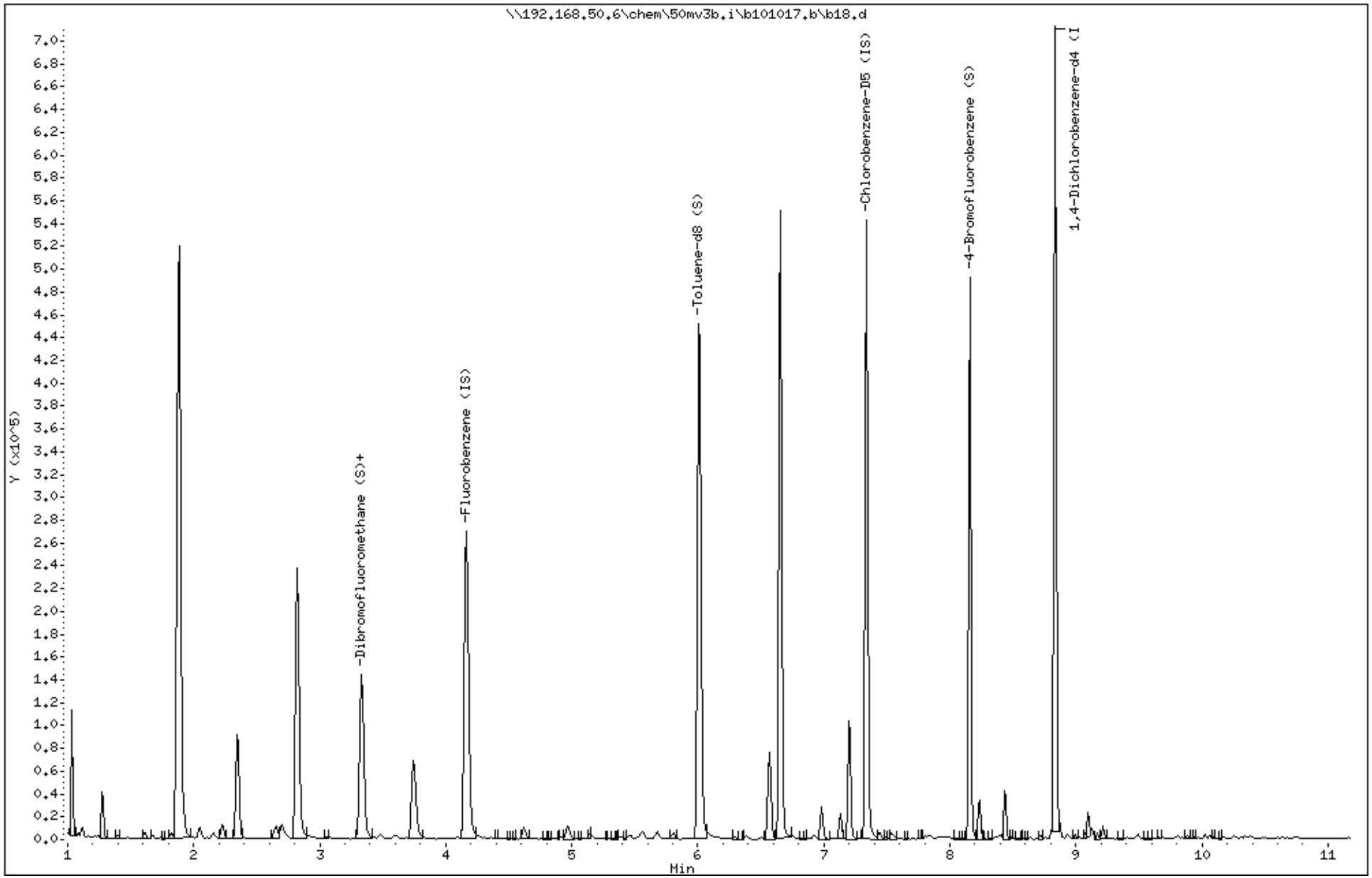
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d
Date : 10-OCT-2017 20:56
Client ID:
Sample Info: 50180760005
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

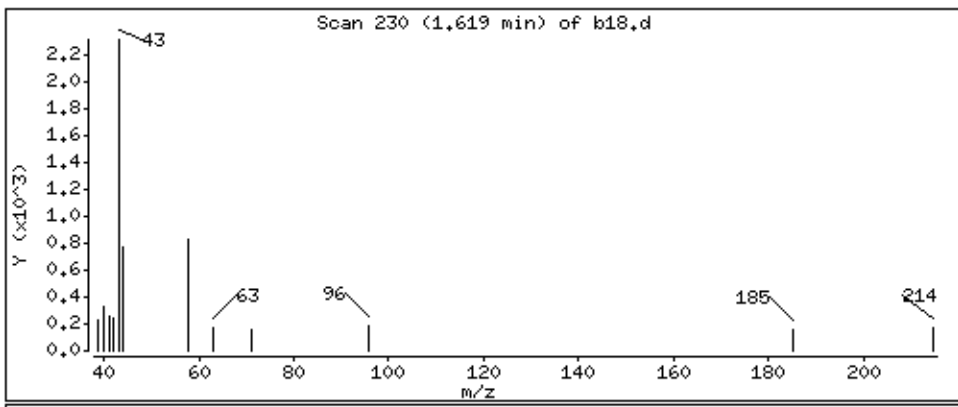
Column phase: DB-624

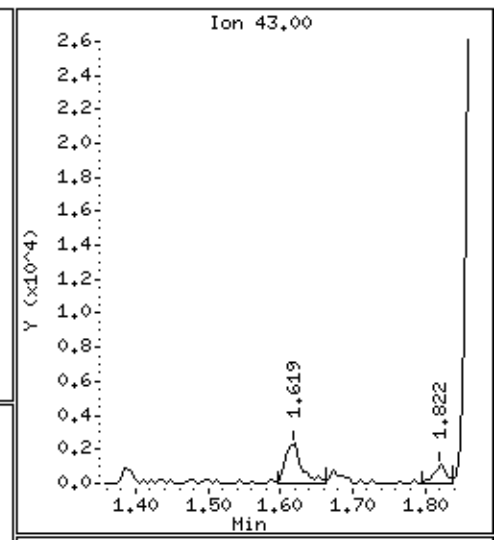
Column diameter: 0.18

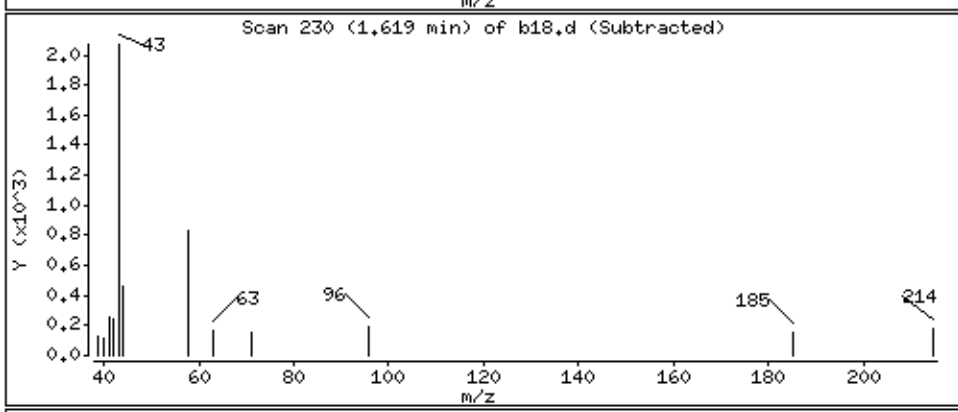
12 Acetone

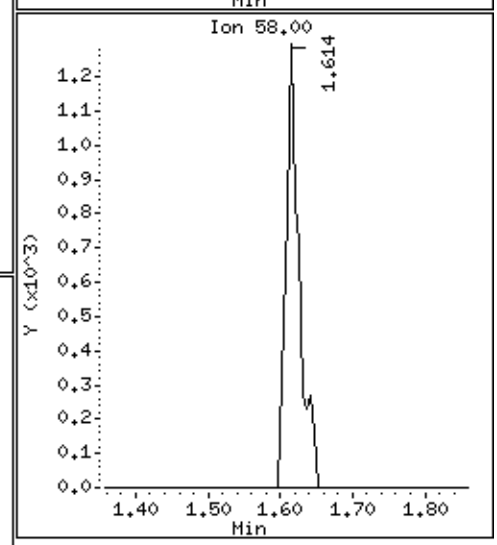
Concentration: 14.0 ppb

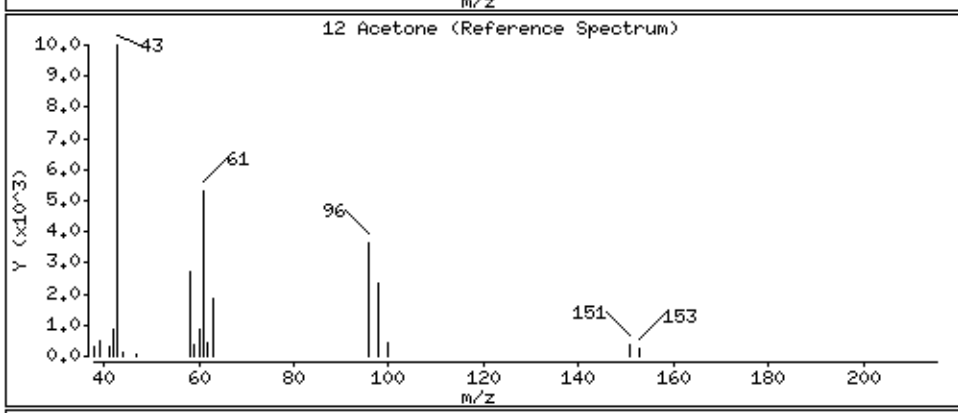
Review Code:

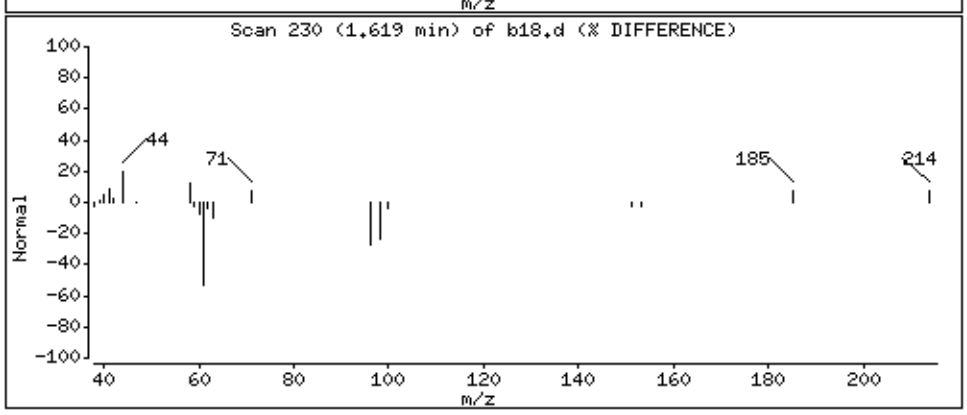












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

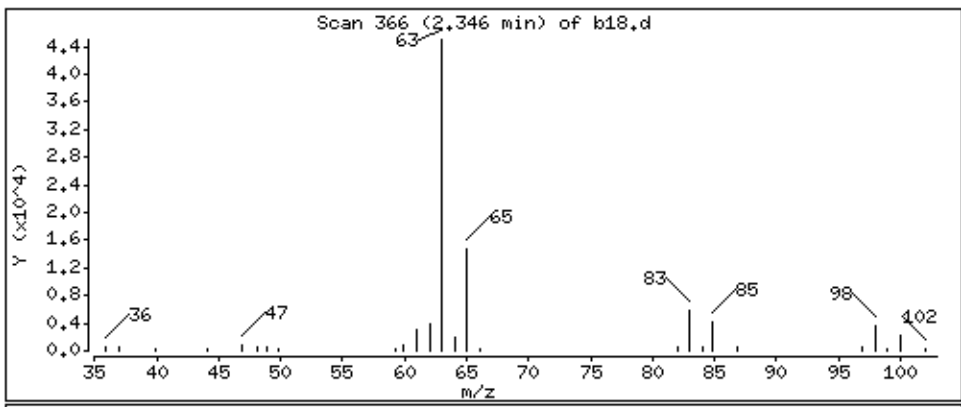
Column phase: DB-624

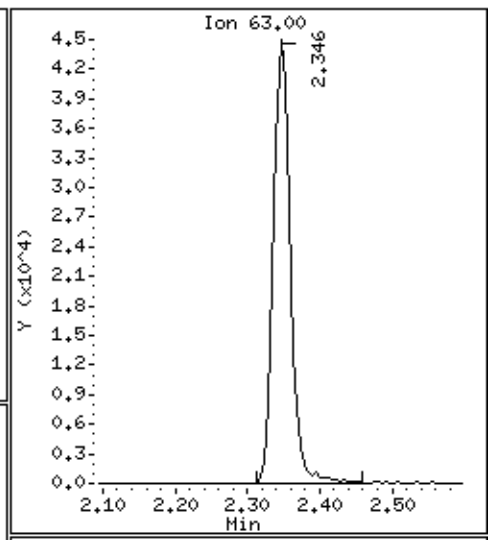
Column diameter: 0.18

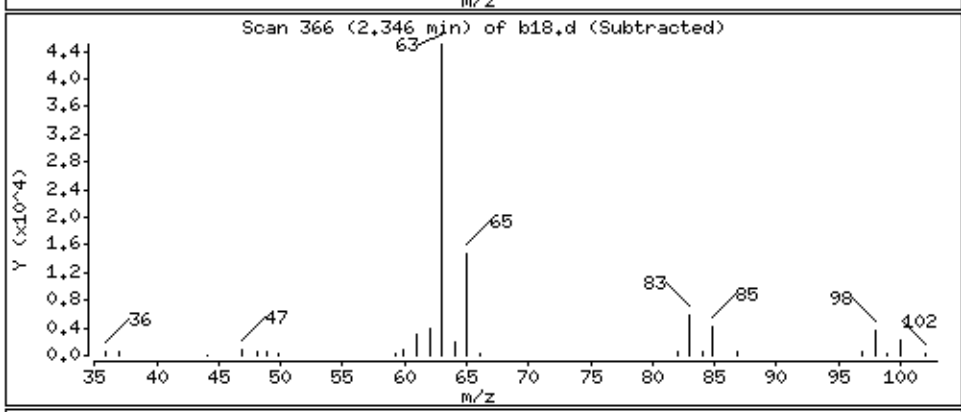
25 1,1-Dichloroethane

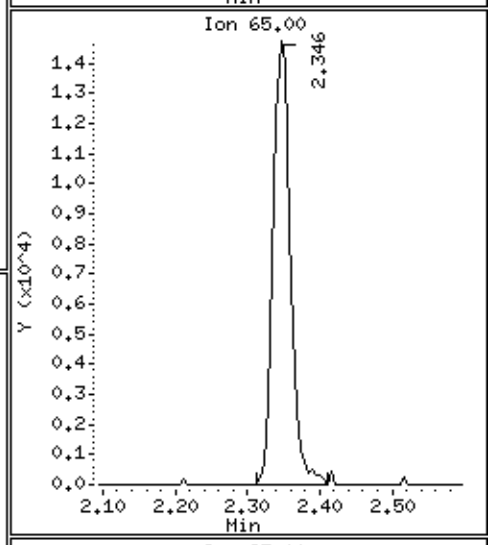
Concentration: 21.1 ppb

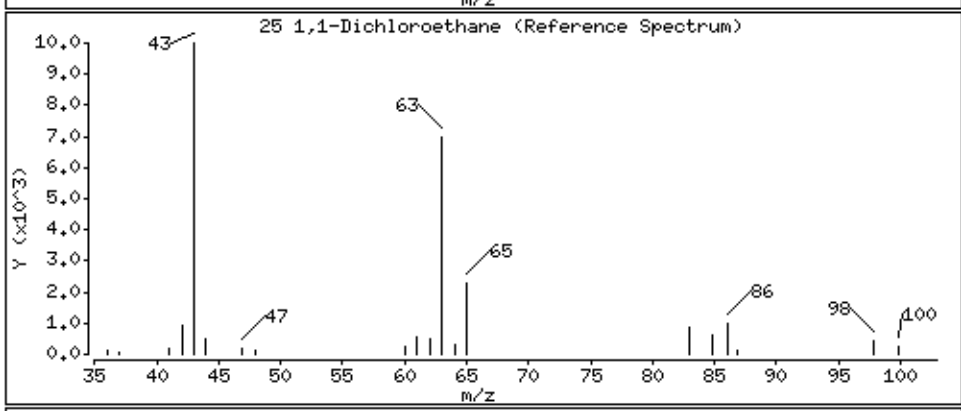
Review Code:

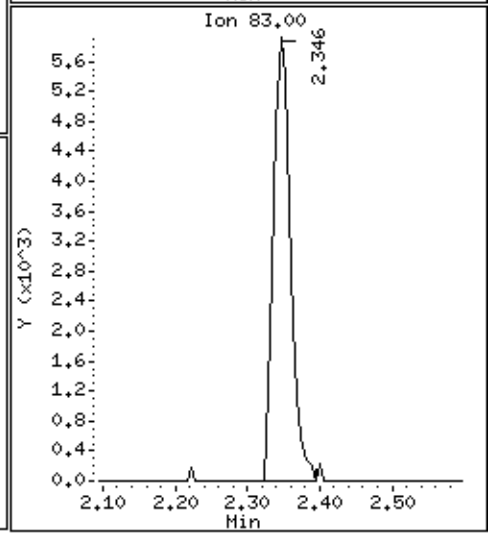


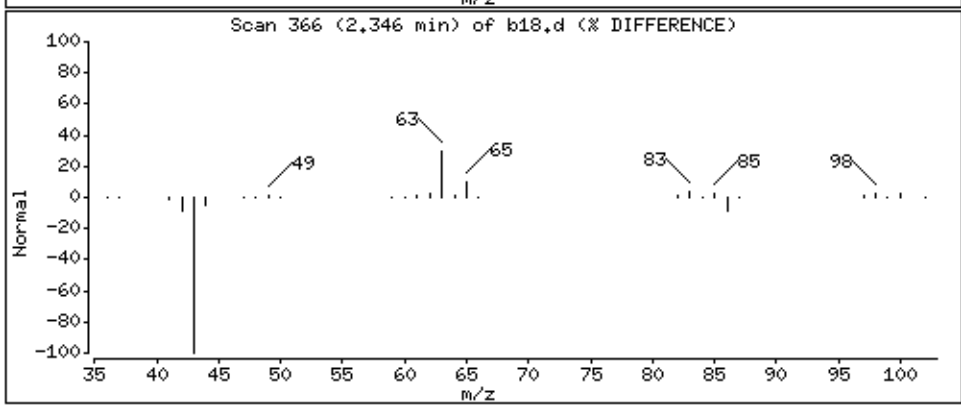












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

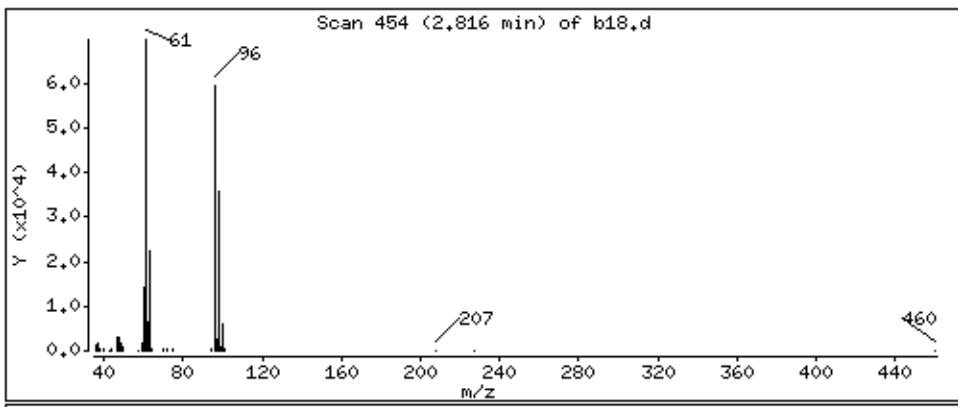
Column phase: DB-624

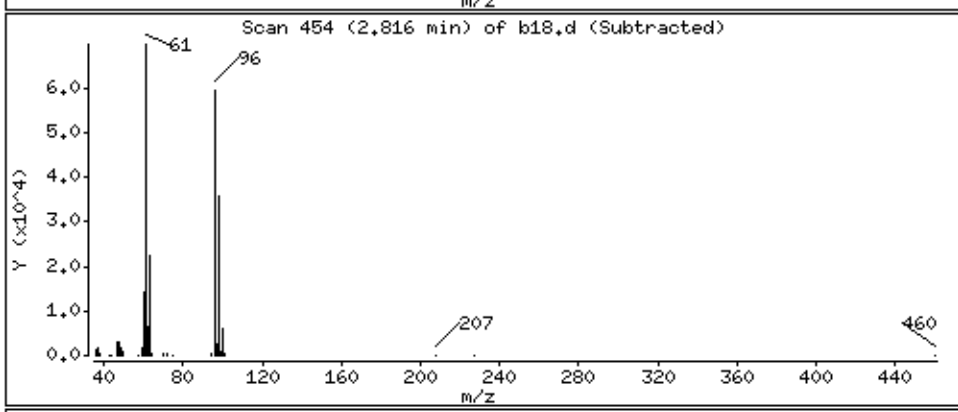
Column diameter: 0.18

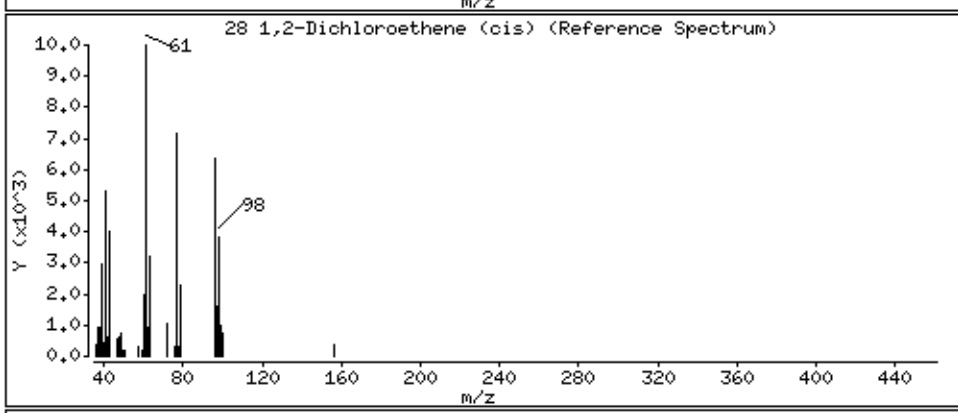
28 1,2-Dichloroethene (cis)

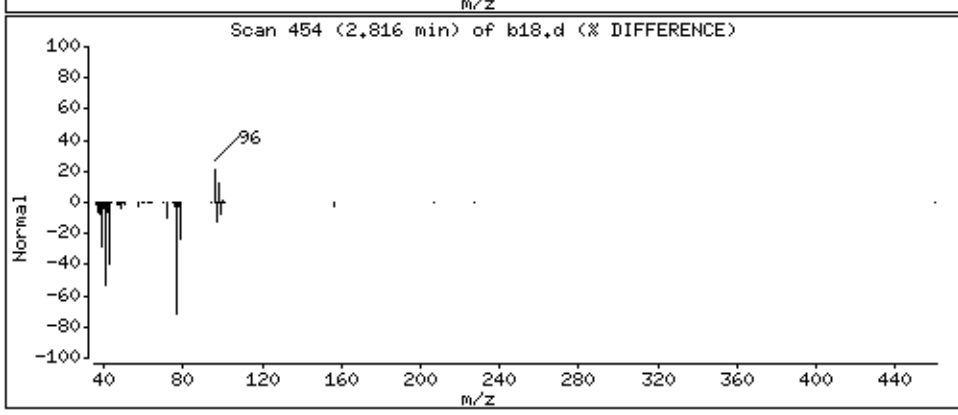
Concentration: 53.9 ppb

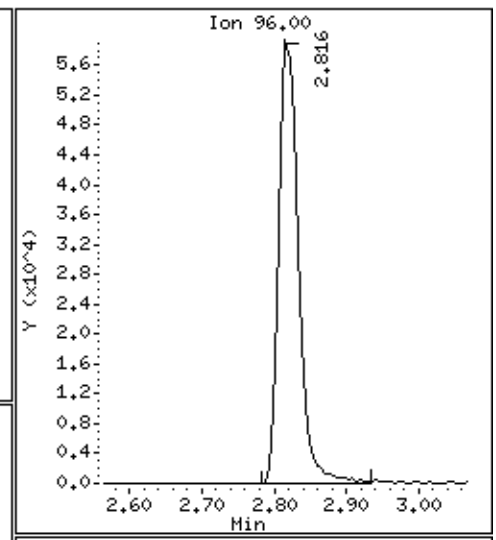
Review Code:

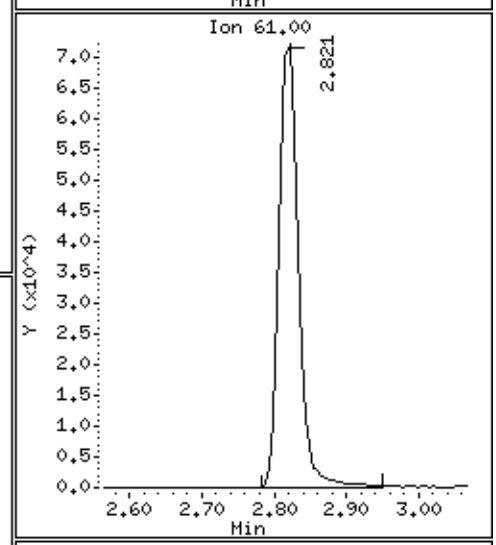


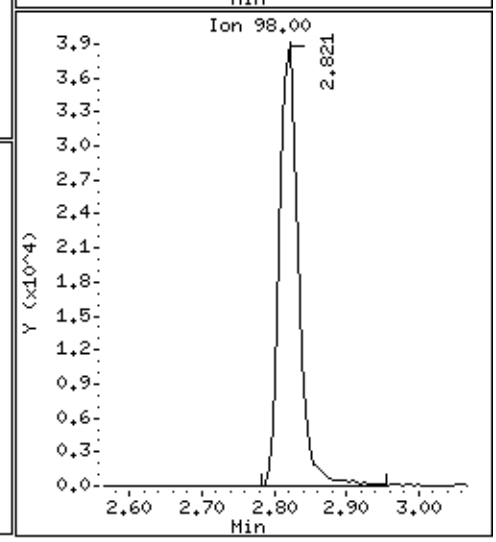












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

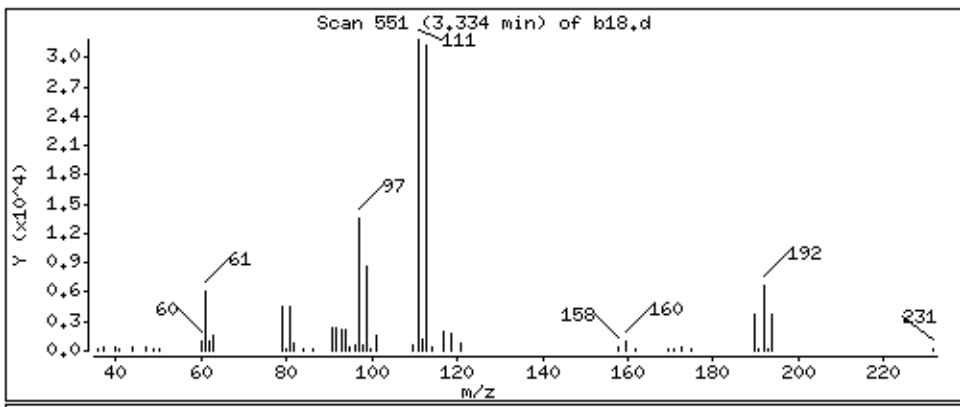
Column phase: DB-624

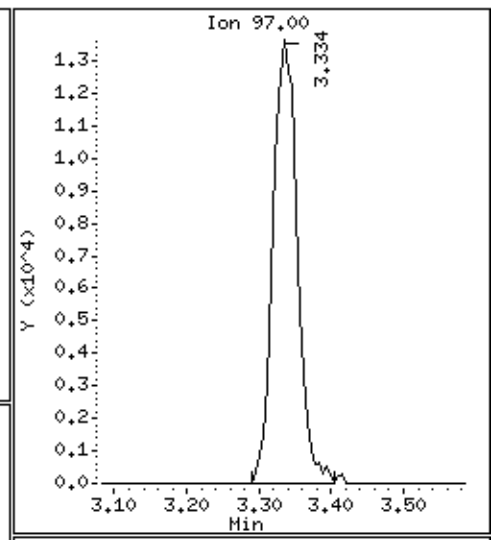
Column diameter: 0.18

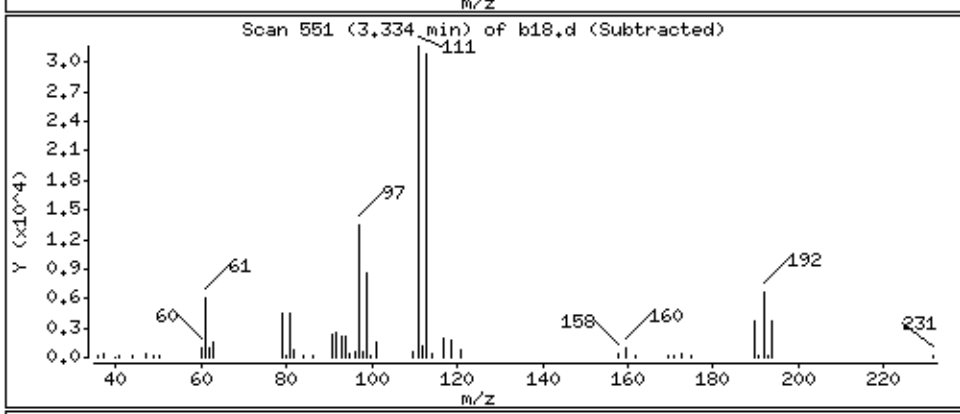
36 1,1,1-Trichloroethane

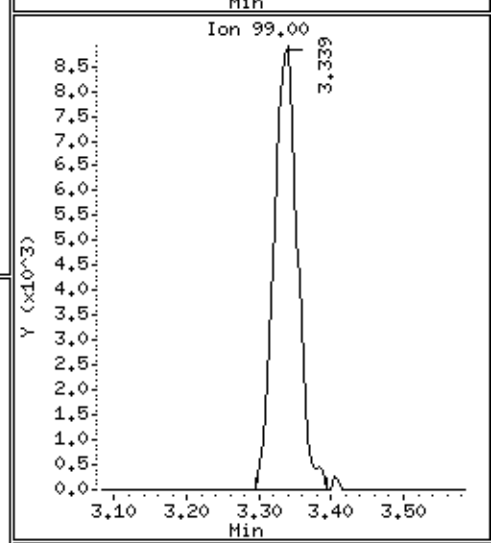
Concentration: 9.62 ppb

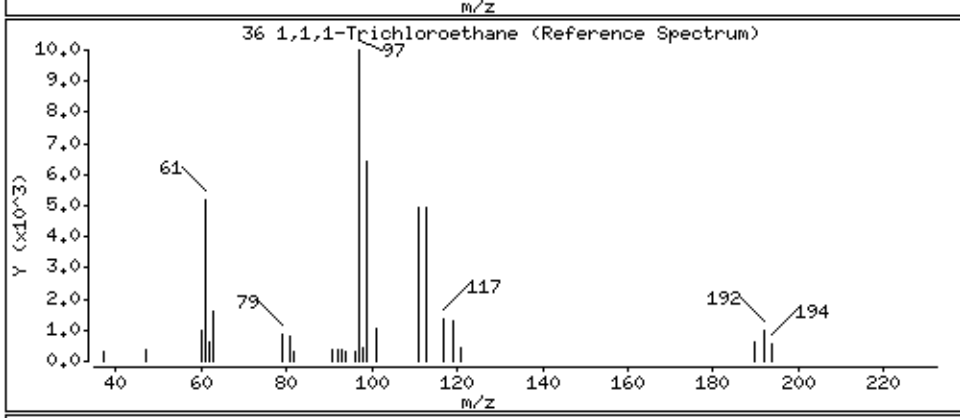
Review Code:

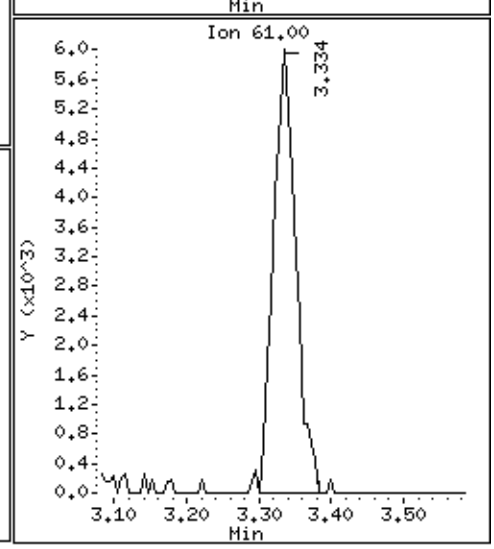


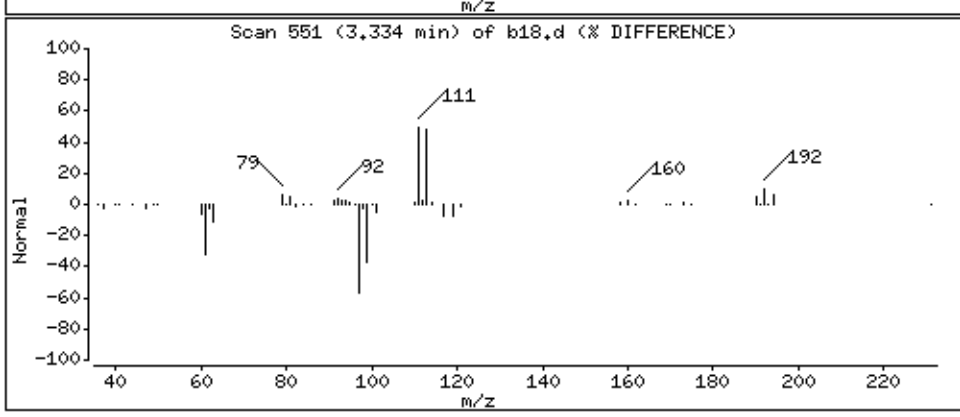












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

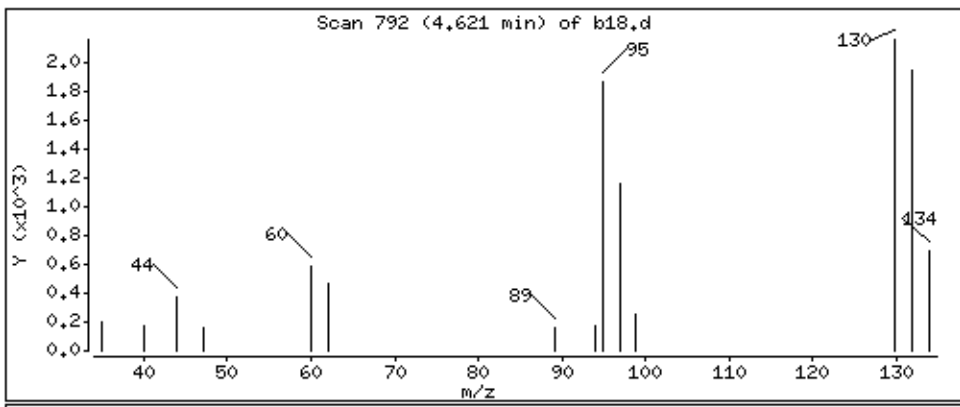
Column phase: DB-624

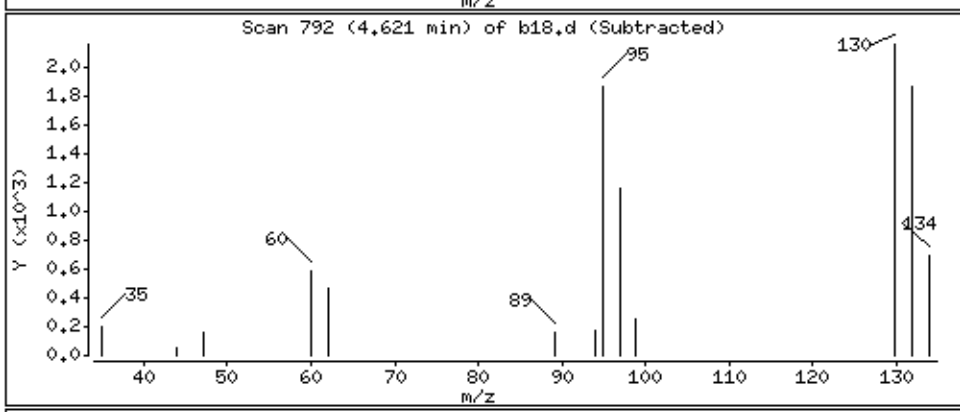
Column diameter: 0.18

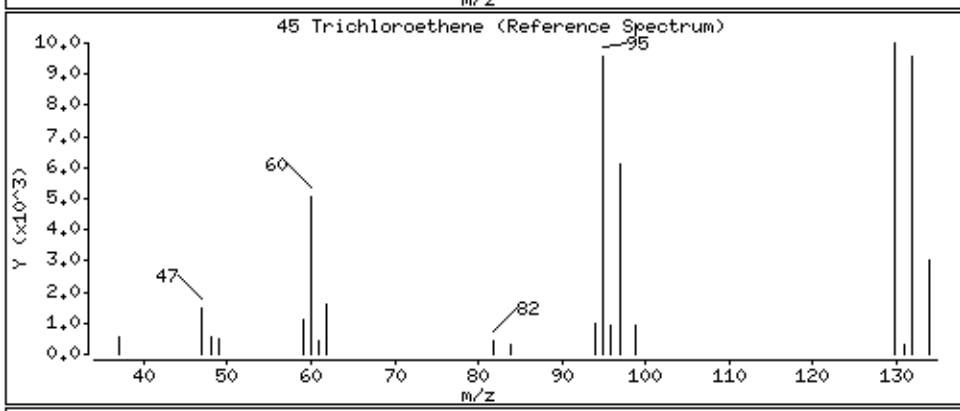
45 Trichloroethene

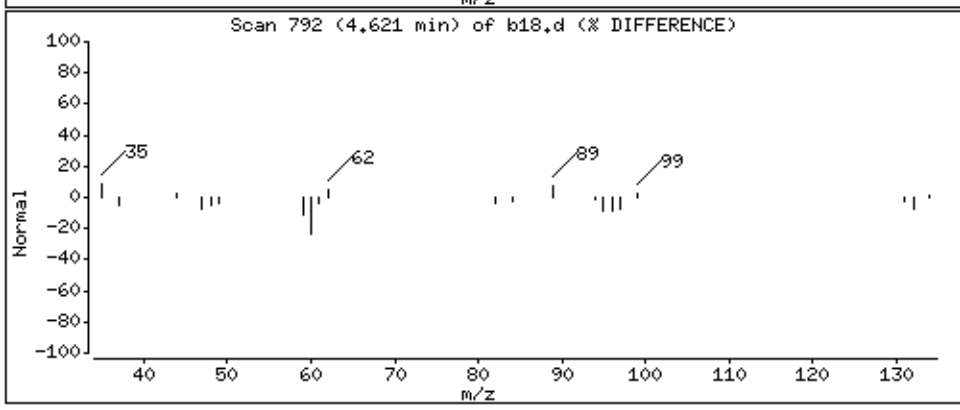
Concentration: 1.77 ppb

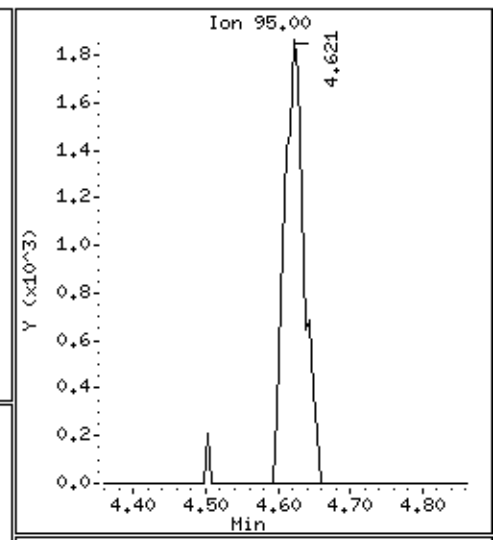
Review Code:

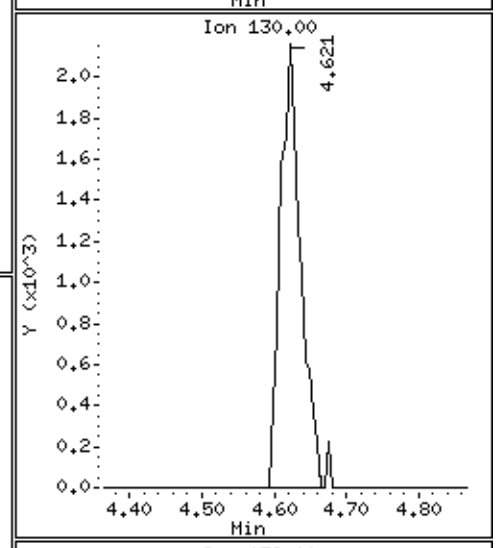


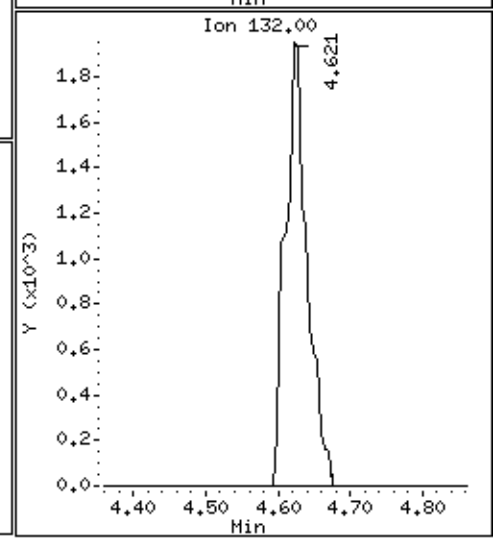












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b18.d

Date : 10-OCT-2017 20:56

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760005

Purge Volume: 5.0

Operator: jlz

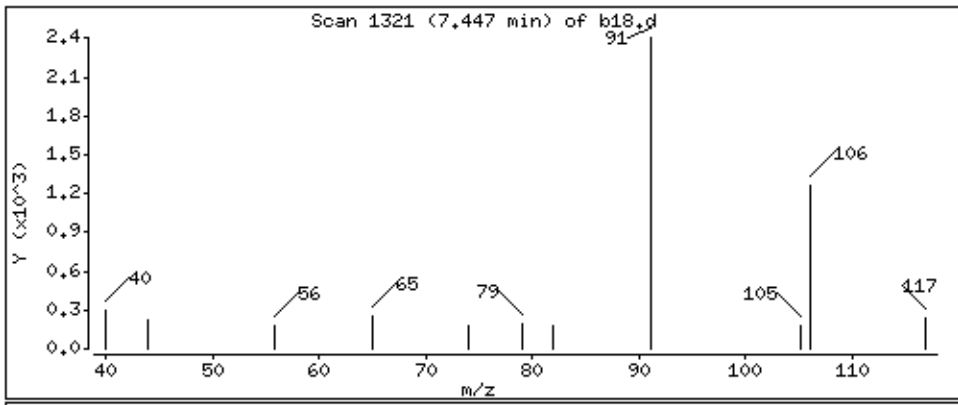
Column phase: DB-624

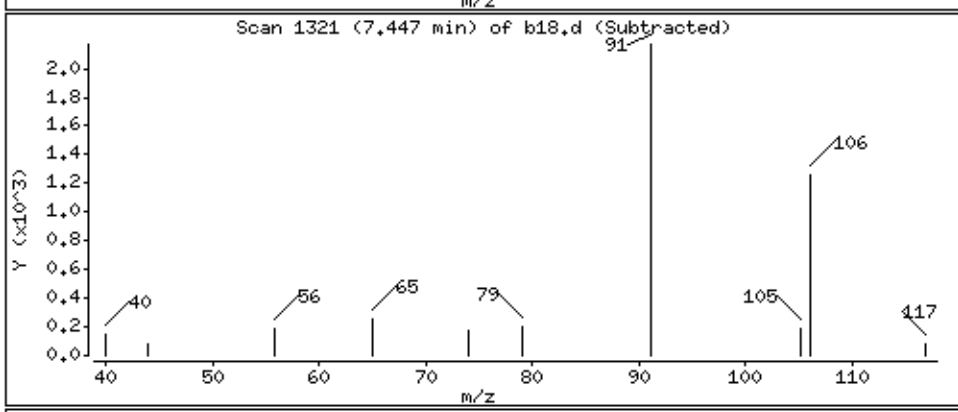
Column diameter: 0.18

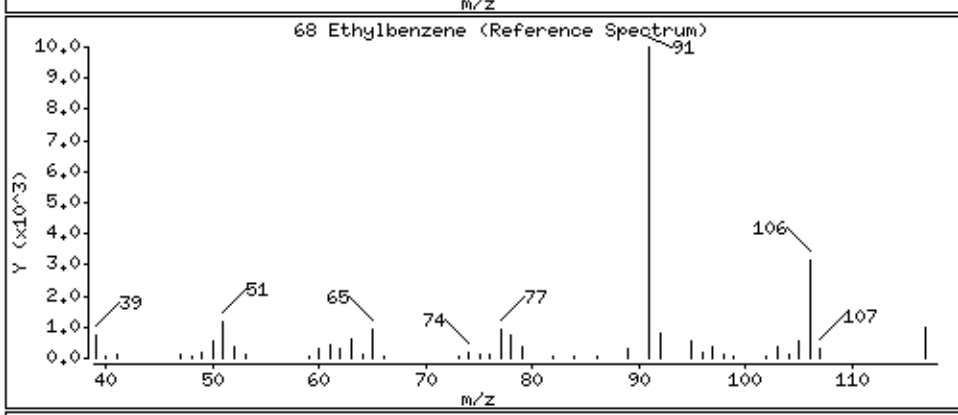
68 Ethylbenzene

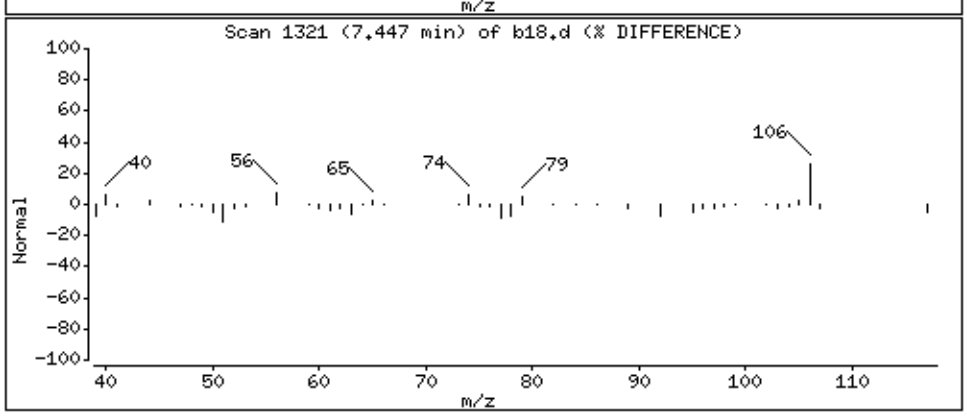
Concentration: 0.347 ppb

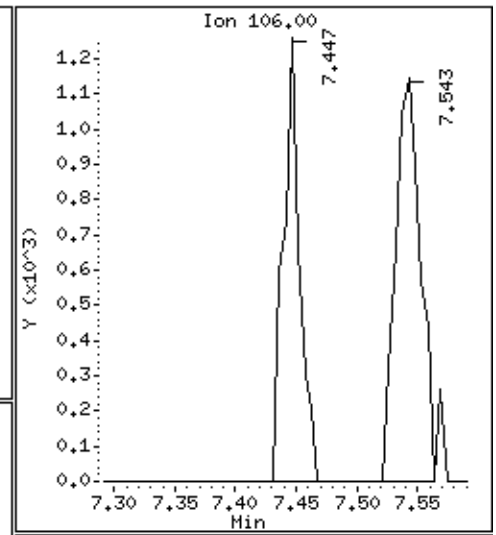
Review Code:

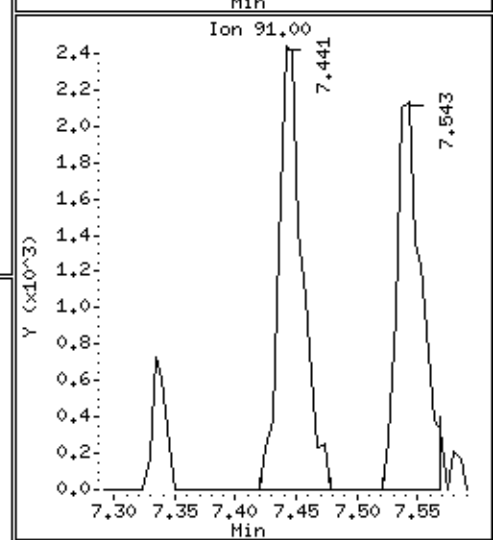












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b18.d
Injection Date: 10-OCT-2017 20:56
Instrument: 50mv3b.i
Lab Sample ID: 50180760005
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0503-S1 (0-2717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:11 Lab Sample ID: 50180760006

Date Analyzed: 10/06/2017 03:11 Lab File ID: A100517.B\C10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0503-S1 (0-2717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:11 Lab Sample ID: 50180760006

Date Analyzed: 10/06/2017 03:11 Lab File ID: A100517.B\C10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d
Lab Smp Id: 50180760006 Client Smp ID: MW-0503-S1 (0-2717)
Inj Date : 06-OCT-2017 03:11
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760006
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 67
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.602	1.599	(0.386)	26353	34.2815	34.3	
23 n-Hexane	57	2.217	2.213	(0.534)	11729	1.39015	1.39	
$ 35 Dibromofluoromethane (S)	113	3.322	3.319	(0.801)	163613	47.4268	47.4	
* 45 Fluorobenzene (IS)	96	4.150	4.152	(1.000)	698688	50.0000		
$ 56 Toluene-d8 (S)	98	6.003	6.006	(0.819)	637413	49.1853	49.2	
57 Toluene	91	6.083	6.080	(0.830)	2125	0.13032	0.130	
* 66 Chlorobenzene-D5 (IS)	117	7.333	7.335	(1.000)	431953	50.0000		
69 Ethylbenzene	106	7.445	7.437	(1.015)	1815	0.32393	0.324(Q)	
70 m&p-Xylene	106	7.547	7.538	(1.029)	2163	0.33597	0.336	
$ 75 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.112)	167041	47.0071	47.0	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.831	(1.000)	150652	50.0000		

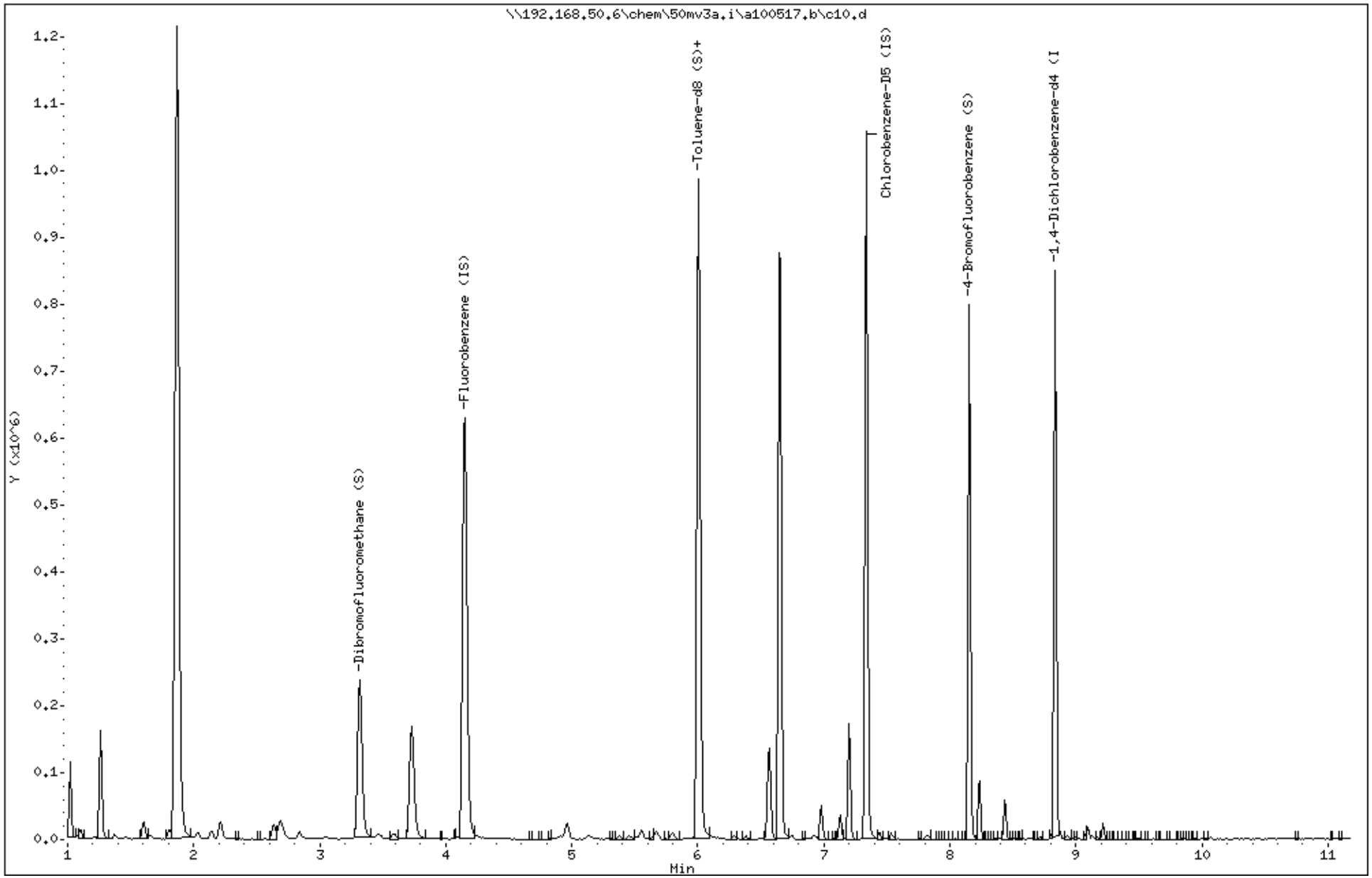
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d
Date : 06-OCT-2017 03:11
Client ID: MW-0503-S1 (0-2717)
Instrument: 50mv3a.i
Sample Info: 50180760006
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 03:11

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 50180760006

Purge Volume: 5.0

Operator: jlz

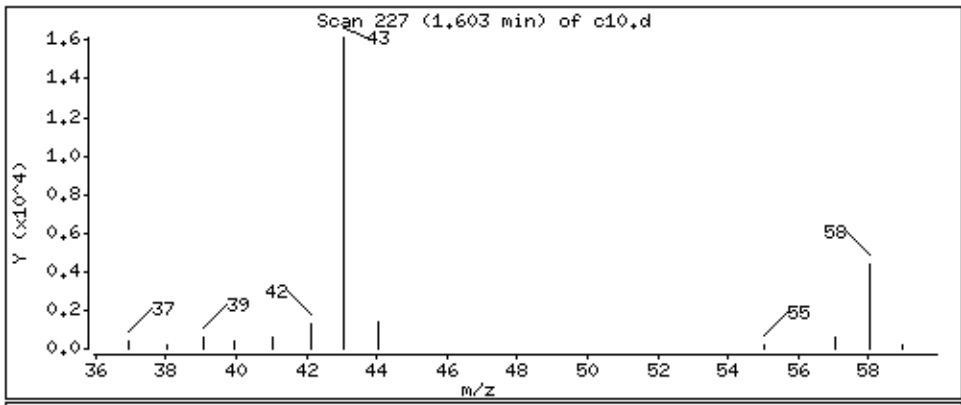
Column phase: DB-624

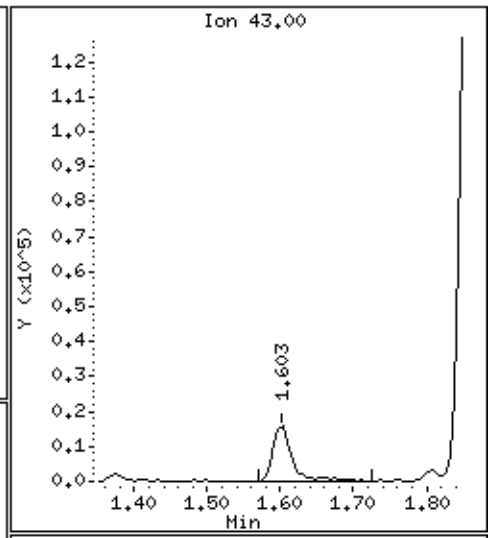
Column diameter: 0.18

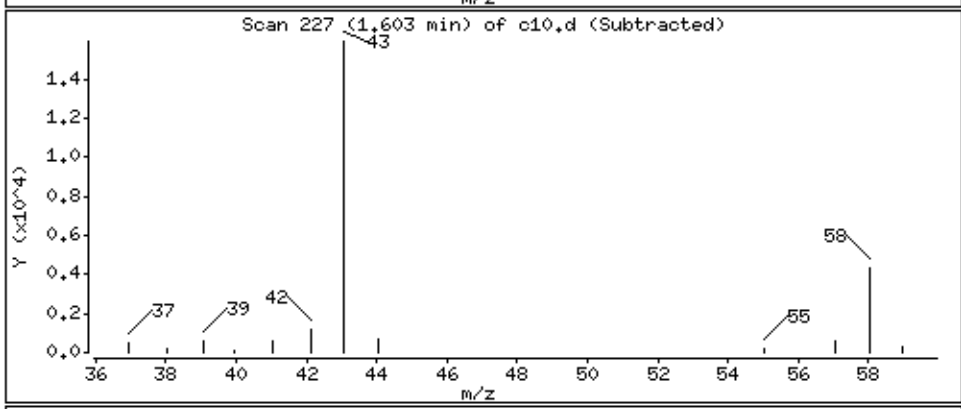
12 Acetone

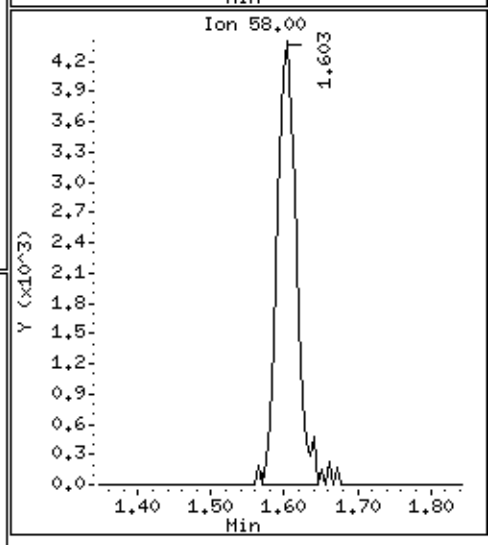
Concentration: 34.3 ppb

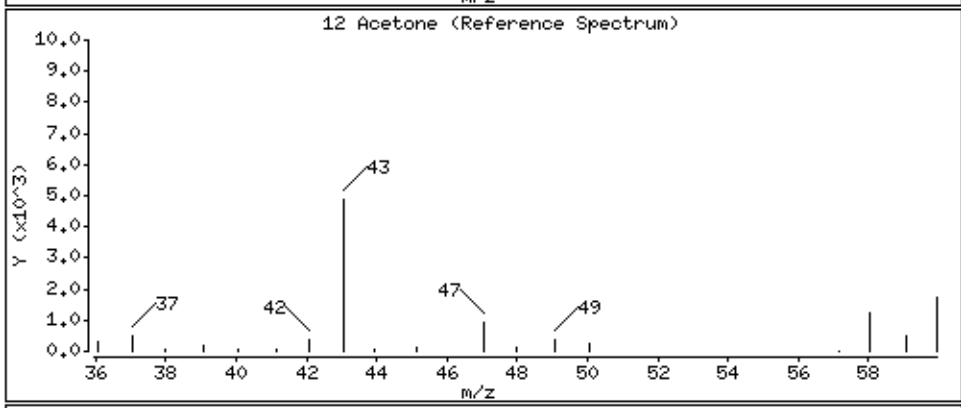
Review Code:

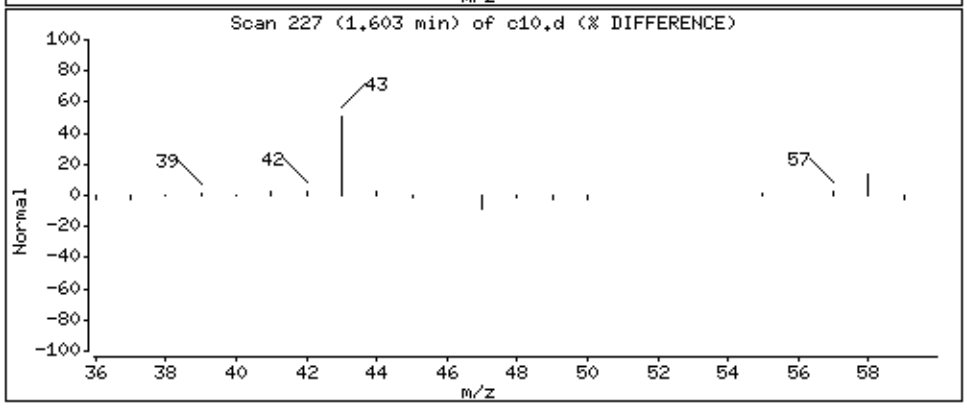












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d

Date : 06-OCT-2017 03:11

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 50180760006

Purge Volume: 5.0

Operator: jlz

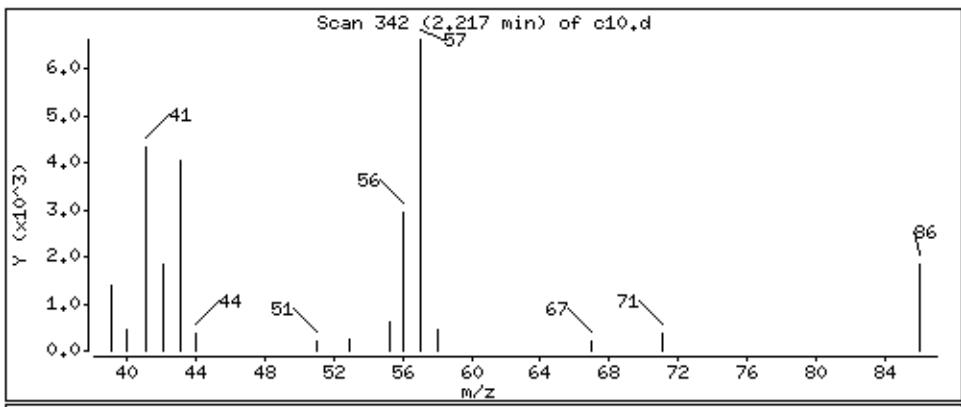
Column phase: DB-624

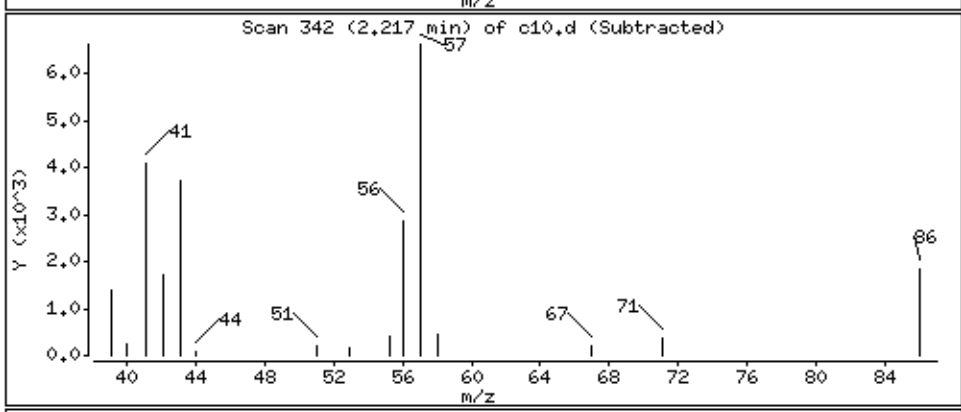
Column diameter: 0.18

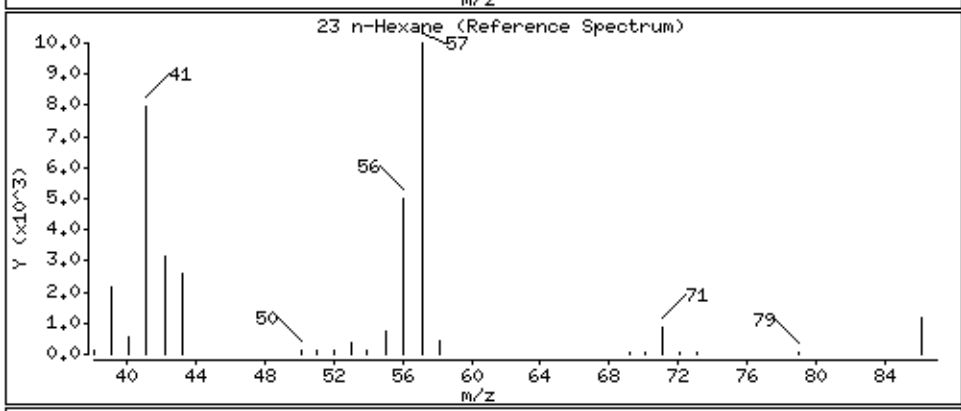
23 n-Hexane

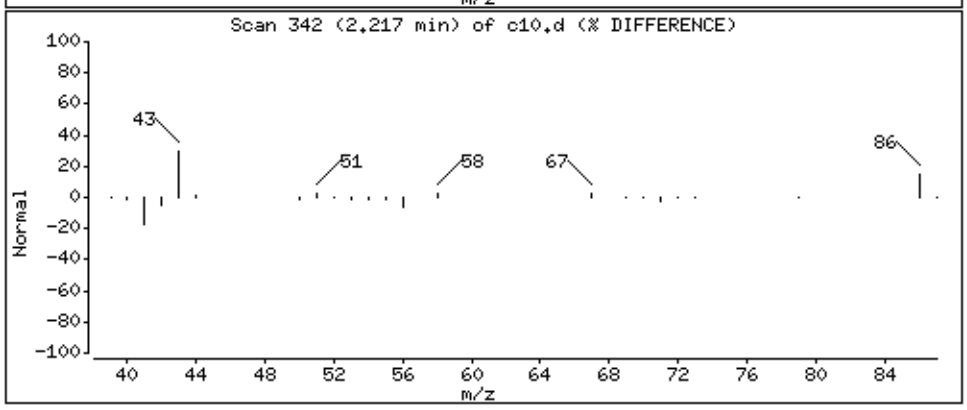
Concentration: 1.39 ppb

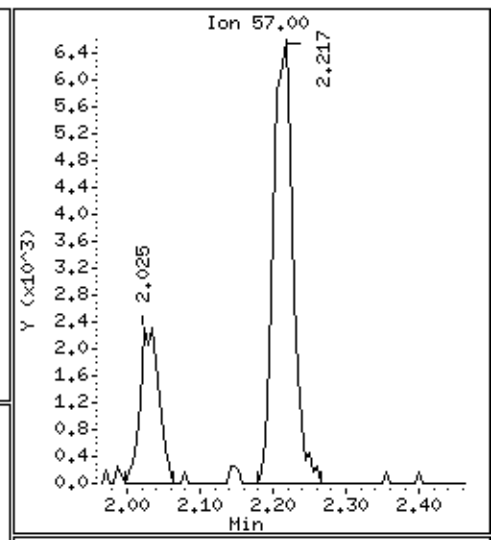
Review Code:

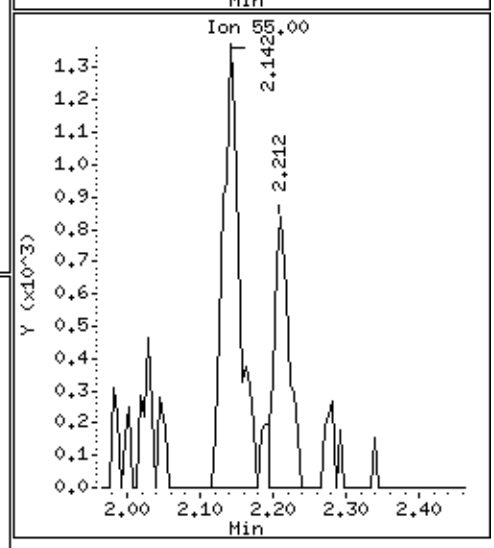












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d

Date : 06-OCT-2017 03:11

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 50180760006

Purge Volume: 5.0

Operator: jlz

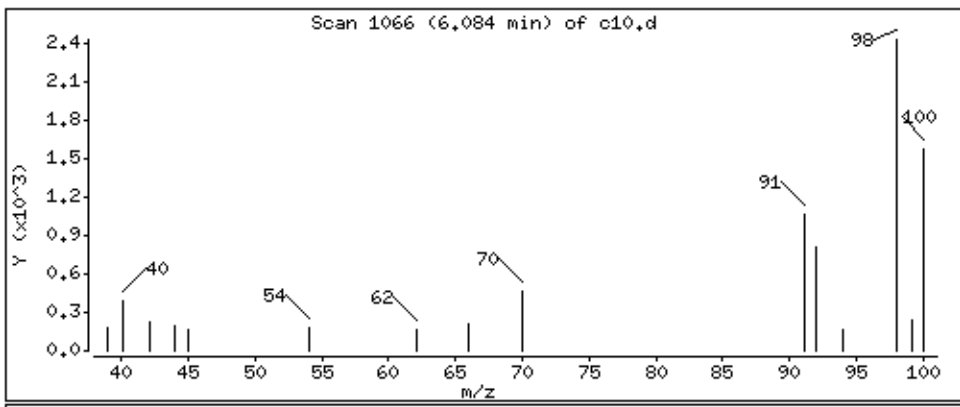
Column phase: DB-624

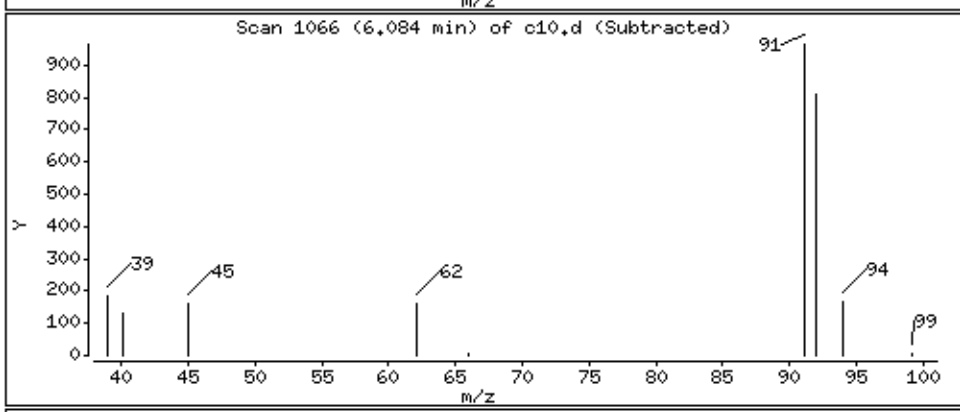
Column diameter: 0.18

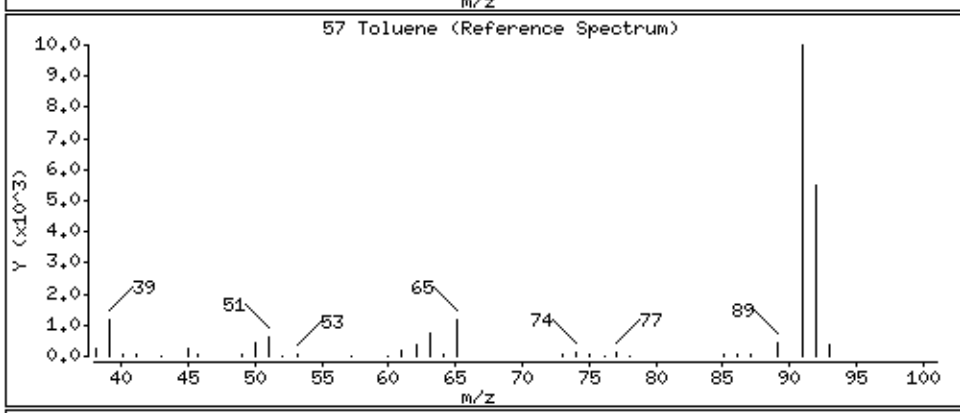
57 Toluene

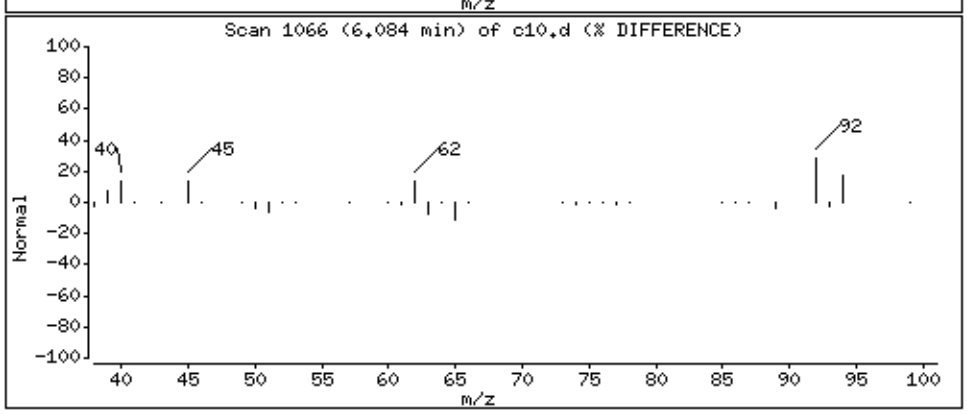
Concentration: 0.130 ppb

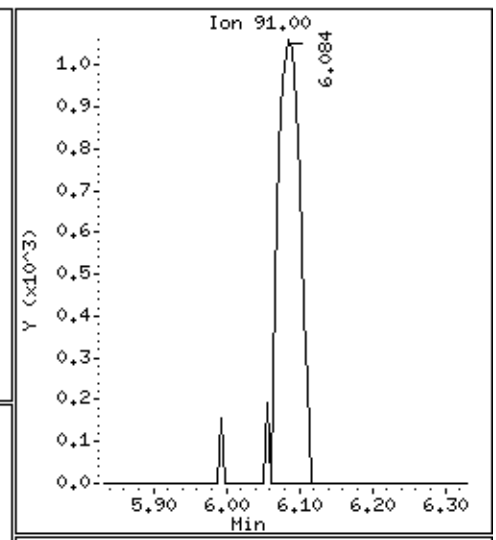
Review Code:

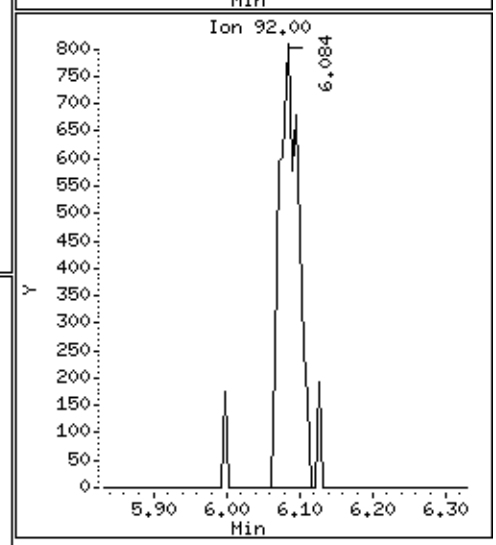












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d

Date : 06-OCT-2017 03:11

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 50180760006

Purge Volume: 5.0

Operator: jlz

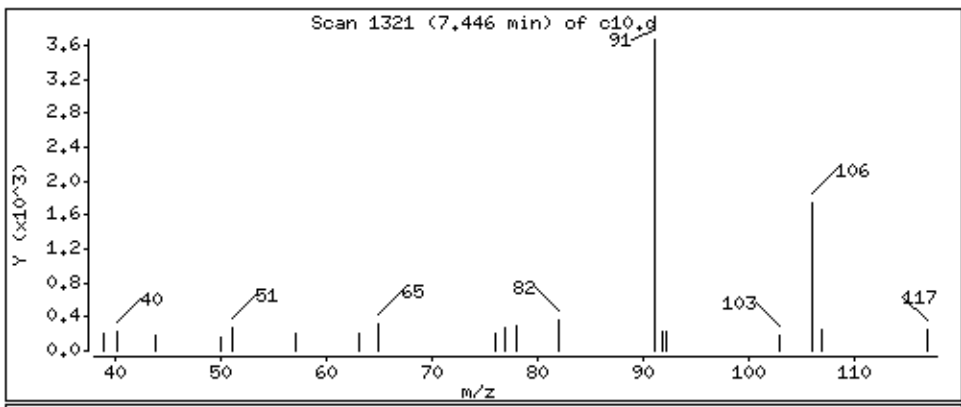
Column phase: DB-624

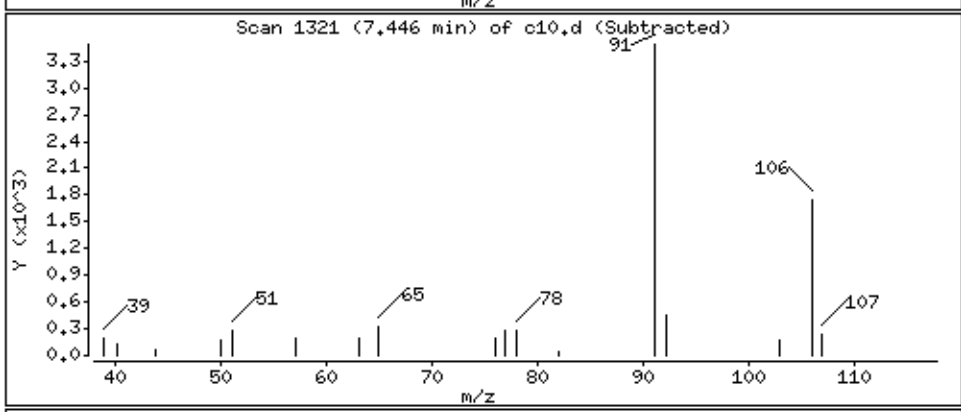
Column diameter: 0.18

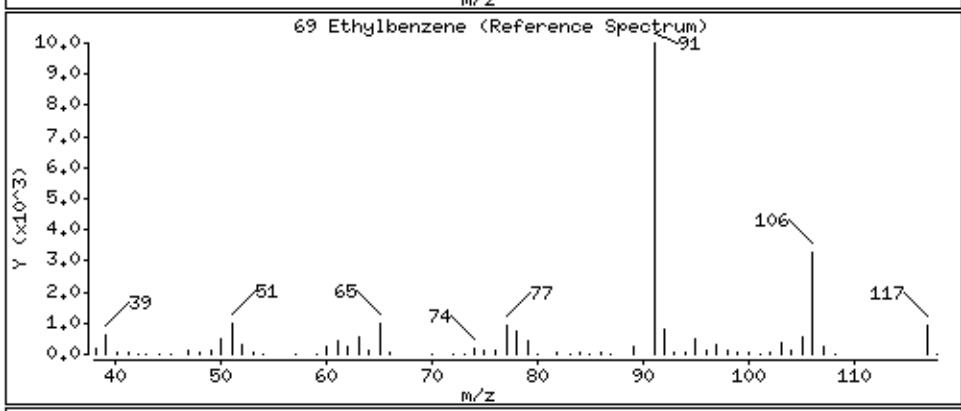
69 Ethylbenzene

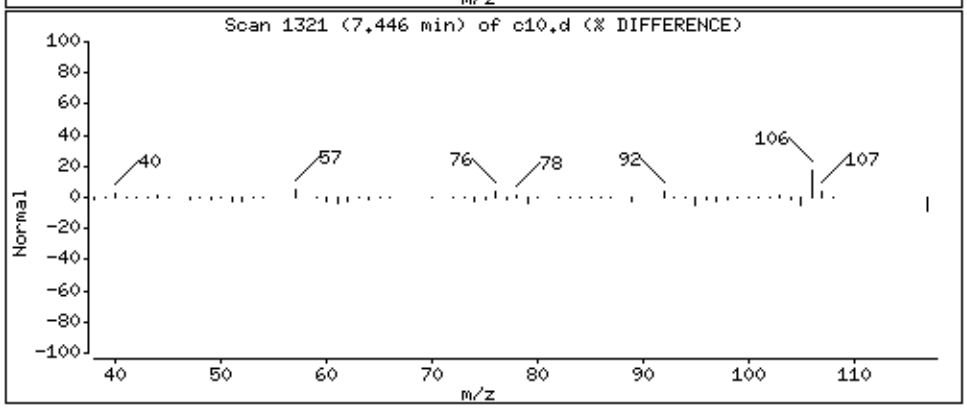
Concentration: 0.324 ppb

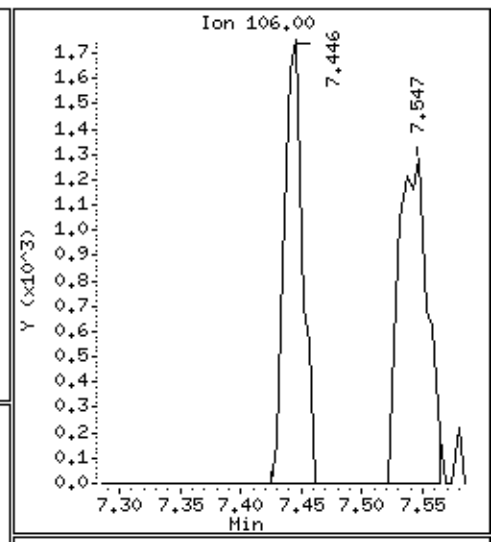
Review Code:

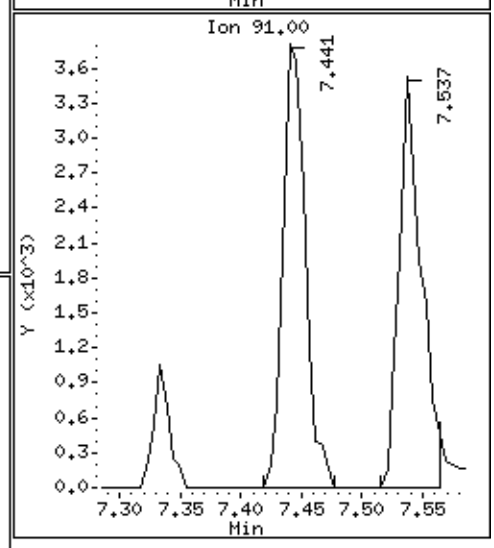












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c10.d

Date : 06-OCT-2017 03:11

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 50180760006

Purge Volume: 5.0

Operator: jlz

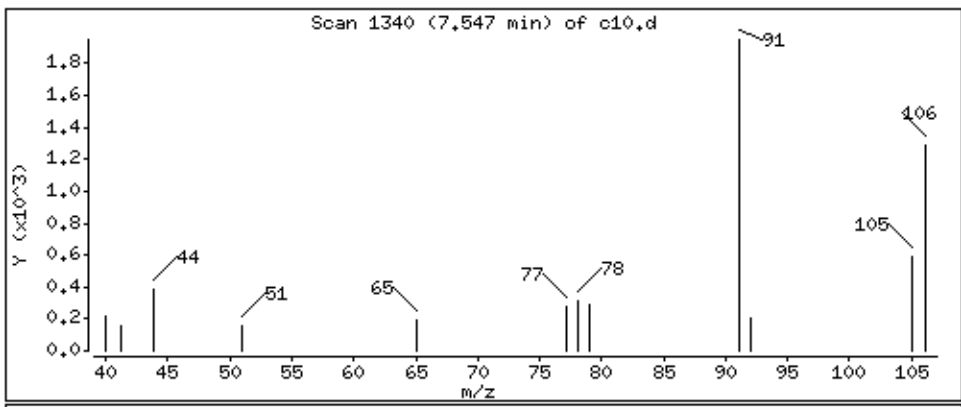
Column phase: DB-624

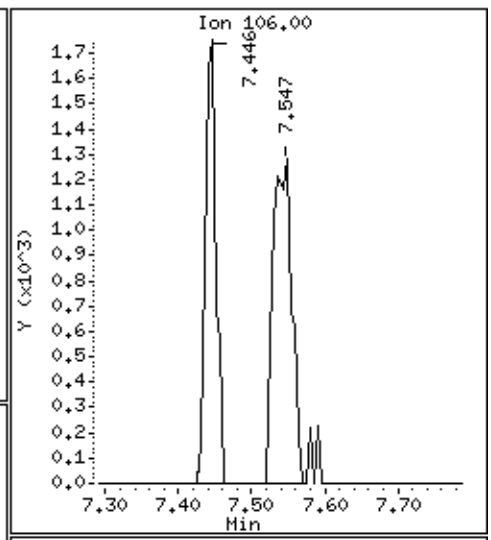
Column diameter: 0.18

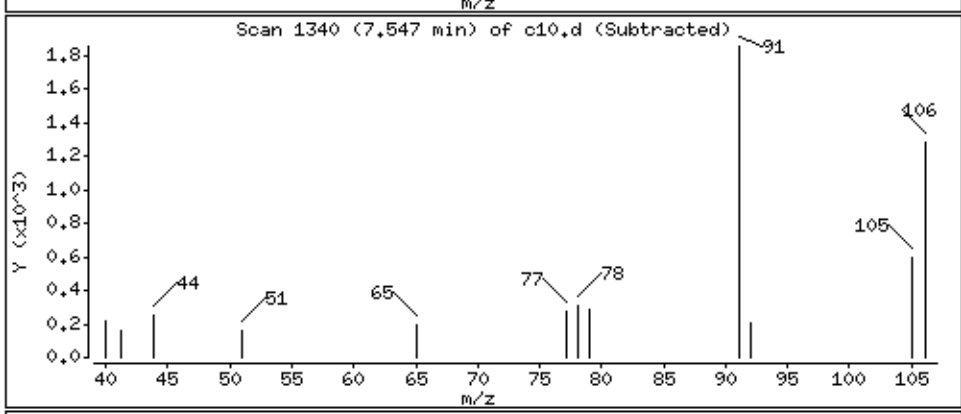
70 m&p-Xylene

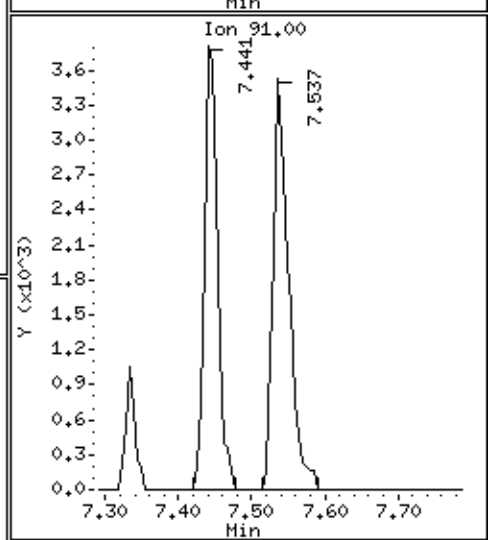
Concentration: 0.336 ppb

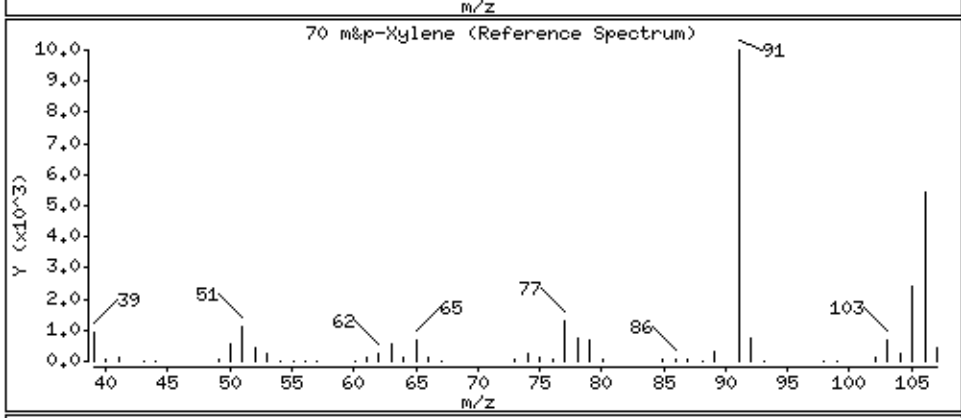
Review Code:

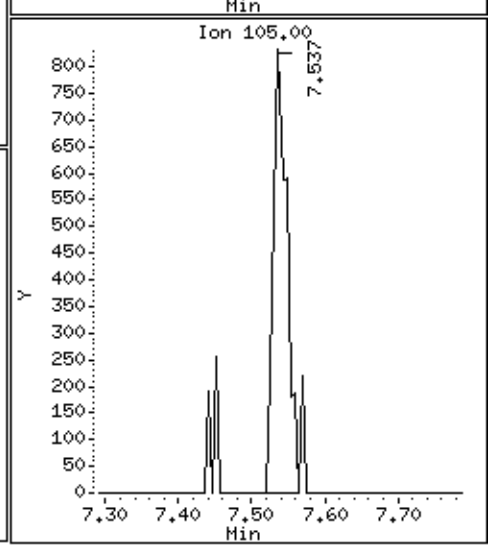


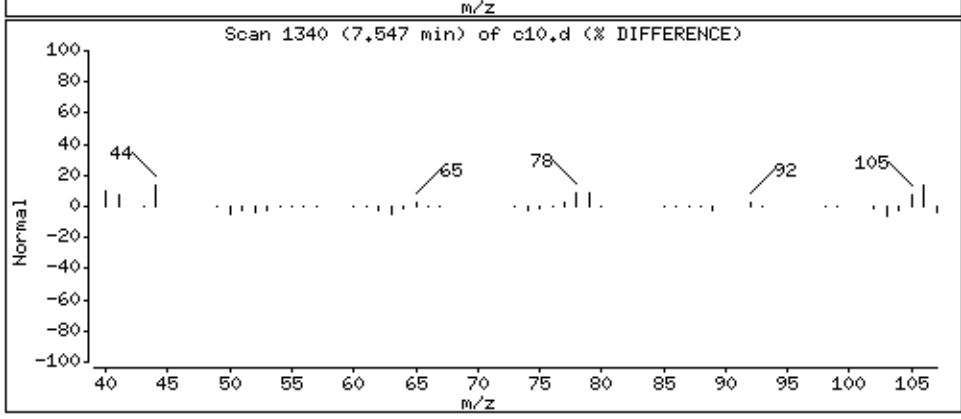












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c10.d
Injection Date: 06-OCT-2017 03:11
Instrument: 50mv3a.i
Lab Sample ID: 50180760006
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0604-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:48 Lab Sample ID: 50180760007

Date Analyzed: 10/06/2017 04:48 Lab File ID: A100517.B\C13.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	5.1	
156-60-5	trans-1,2-Dichloroethene	101	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	U

SAMPLE NO.

MW-0604-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:48 Lab Sample ID: 50180760007

Date Analyzed: 10/06/2017 04:48 Lab File ID: A100517.B\C13.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	34.4	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d
Lab Smp Id: 50180760007 Client Smp ID: MW-0604-S1 (092717)
Inj Date : 06-OCT-2017 04:48
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760007
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 73
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.034	1.033	(0.249)	176944	34.4352	34.4	
	7 Diethyl ether	74	1.456	1.460	(0.351)	1052	0.47901	0.479(Q)	
	11 1,1-Dichloroethene	96	1.590	1.588	(0.383)	20359	5.11470	5.11	
	12 Acetone	43	1.601	1.599	(0.386)	18933	15.8013	15.8	
	22 1,2-Dichloroethene (trans)	96	2.028	2.026	(0.489)	429260	100.686	101	
	23 n-Hexane	57	2.215	2.213	(0.534)	12018	1.37011	1.37	
	25 1,1-Dichloroethane	63	2.332	2.331	(0.562)	35986	4.66360	4.66	
	28 1,2-Dichloroethene (cis)	96	2.802	2.806	(0.676)	5339274	1184.41	1180(Q)	
$	35 Dibromofluoromethane (S)	113	3.315	3.319	(0.799)	170759	47.6114	47.6	
	41 Benzene	78	3.748	3.746	(0.903)	12163	0.74934	0.749	
*	45 Fluorobenzene (IS)	96	4.148	4.152	(1.000)	726377	50.0000		
	46 Trichloroethene	95	4.624	4.606	(1.115)	14796761	3508.42	3510	
$	56 Toluene-d8 (S)	98	6.007	6.006	(0.819)	663506	47.8518	47.8	
	57 Toluene	91	6.082	6.080	(0.830)	4918	0.28190	0.282	
*	66 Chlorobenzene-D5 (IS)	117	7.332	7.335	(1.000)	462166	50.0000		
	69 Ethylbenzene	106	7.444	7.437	(1.015)	1940	0.32361	0.324	
	70 m&p-Xylene	106	7.545	7.538	(1.029)	3270	0.47472	0.475	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.112)	177514	46.6886	46.7	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	158431	50.0000		
	96 Naphthalene	128	9.997	9.990	(1.132)	5604	0.92289	0.923	
	98 2,methyl-naphthalene	142	10.622	10.620	(1.203)	6217	1.62769	1.63	
	99 1-Methylnaphthalene	142	10.739	10.738	(1.216)	5447	1.75094	1.75	

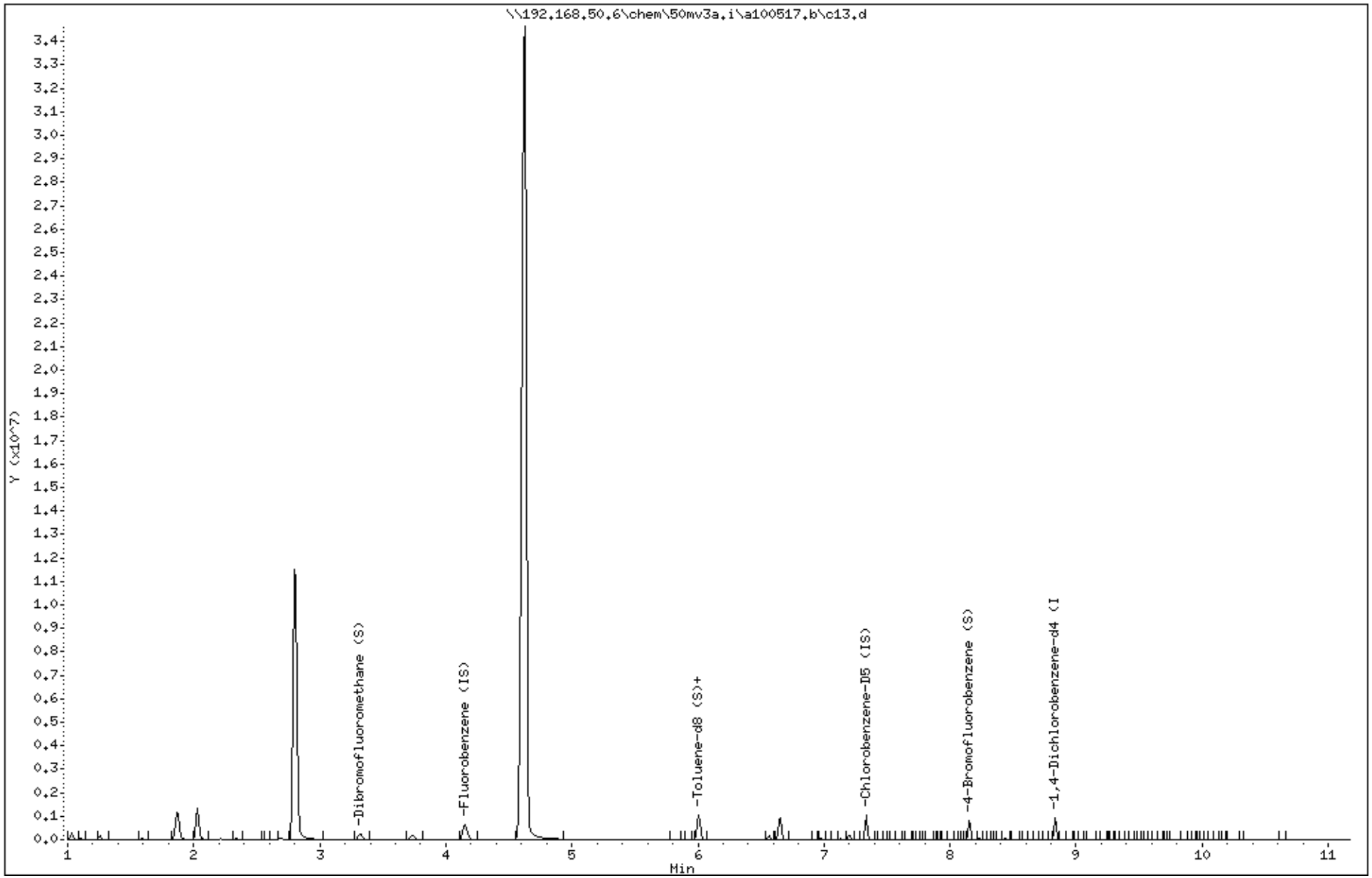
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d
Date : 06-OCT-2017 04:48
Client ID: MW-0604-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760007
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

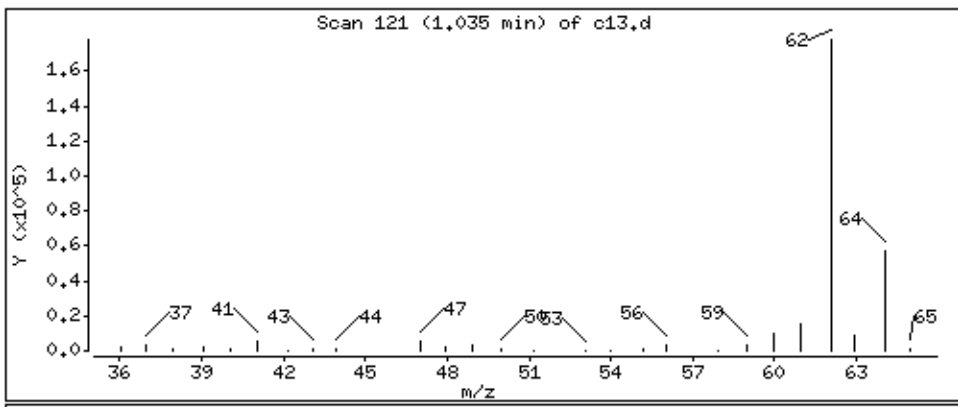
Column phase: DB-624

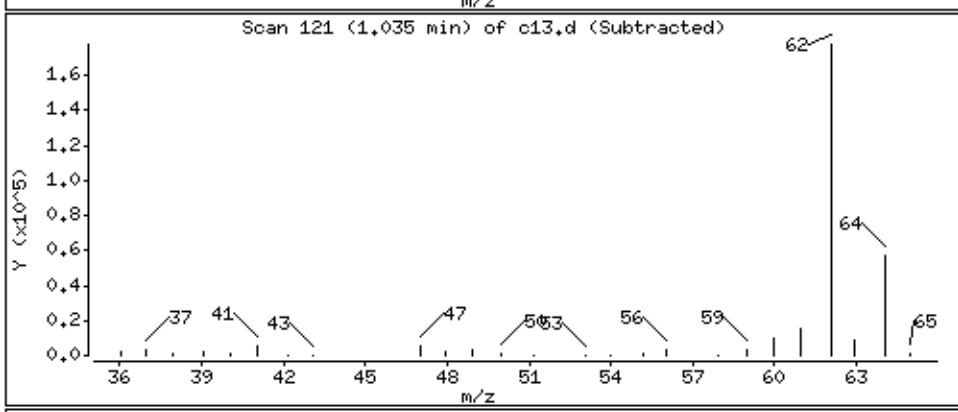
Column diameter: 0.18

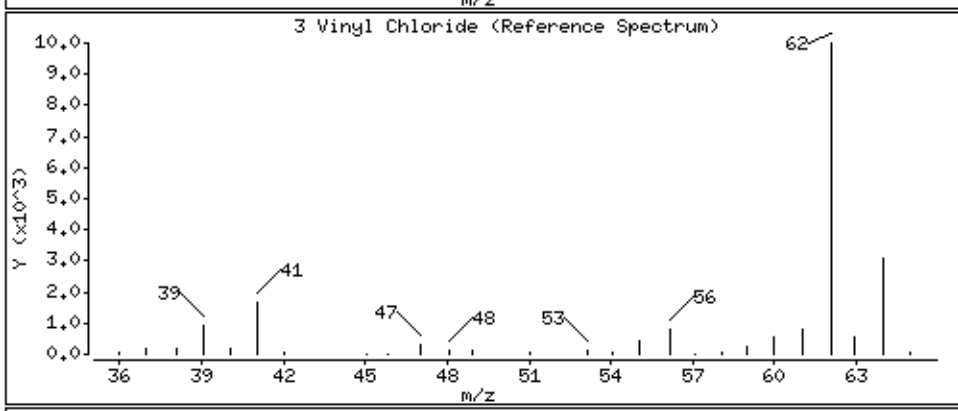
3 Vinyl Chloride

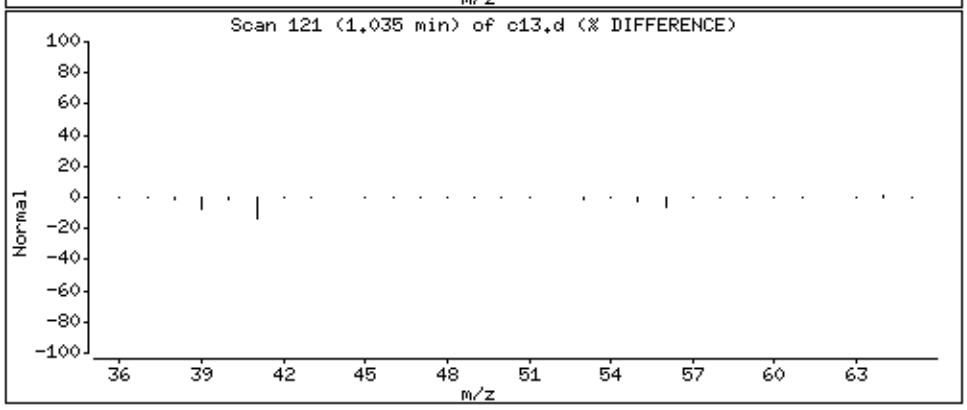
Concentration: 34.4 ppb

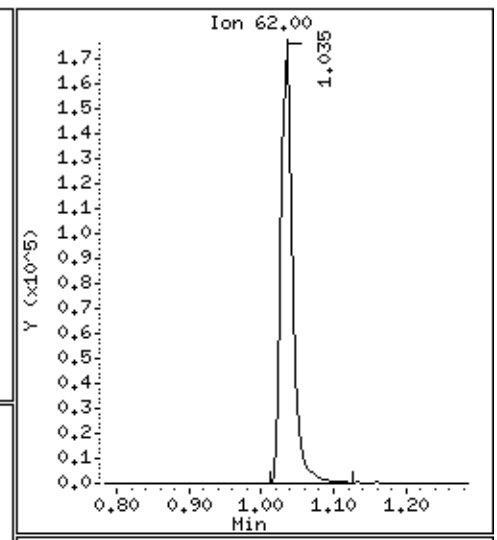
Review Code:

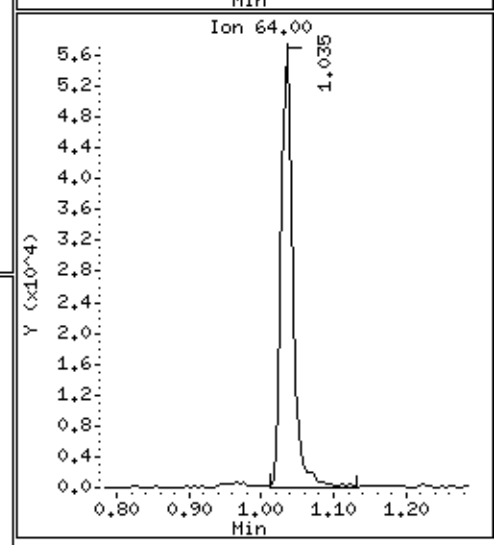












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Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

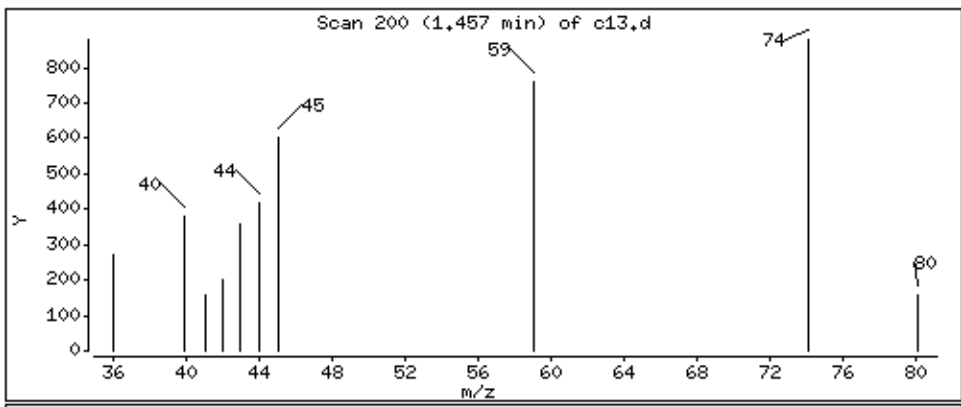
Column phase: DB-624

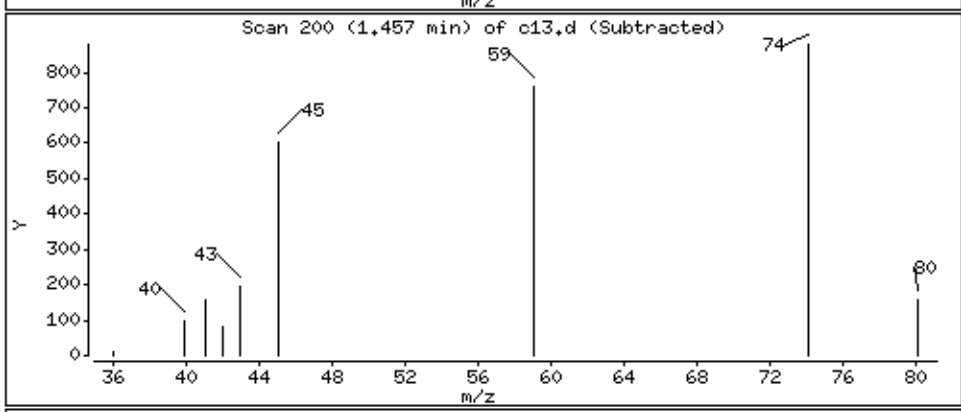
Column diameter: 0.18

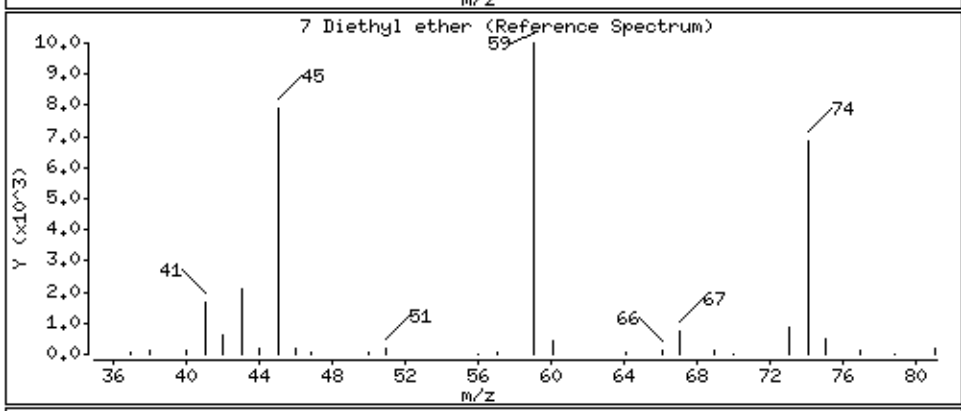
7 Diethyl ether

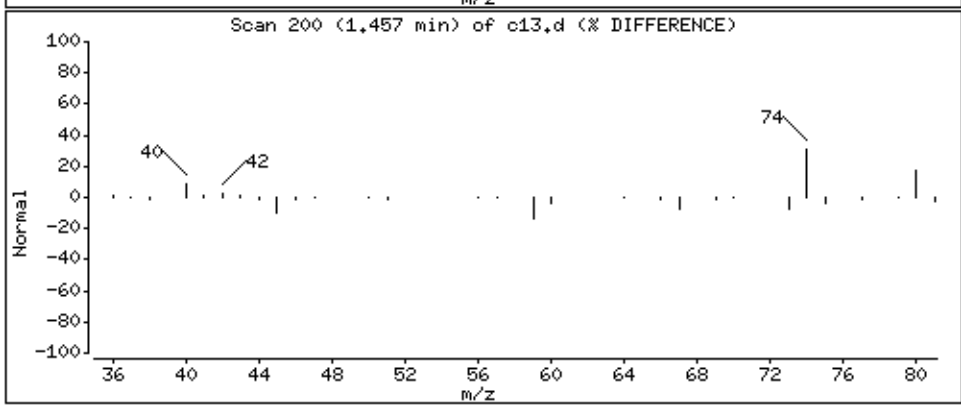
Concentration: 0.479 ppb

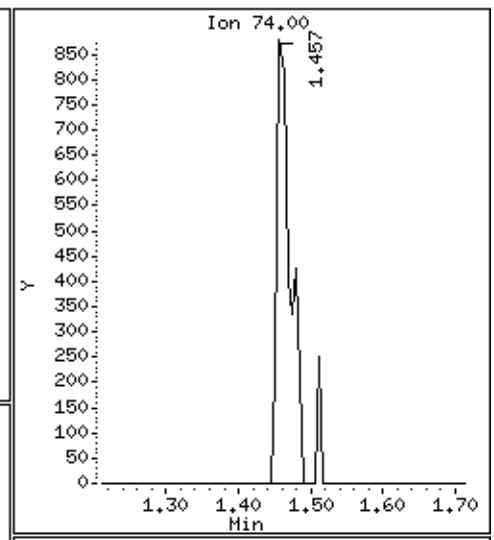
Review Code:

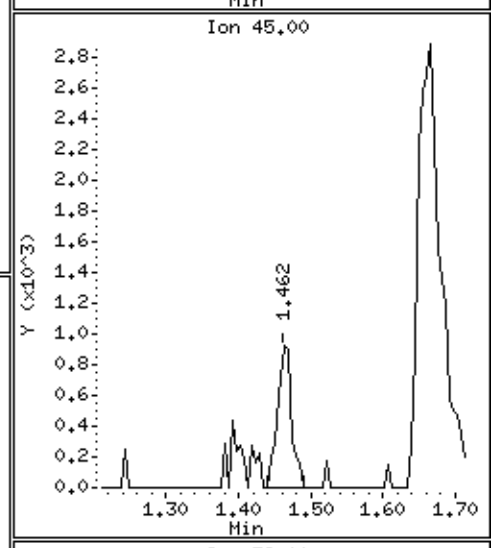


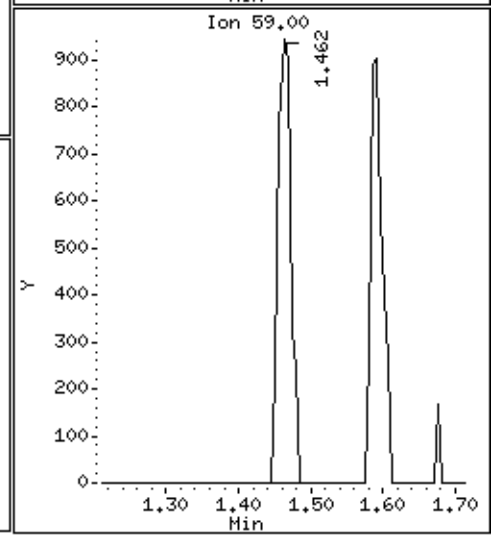












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

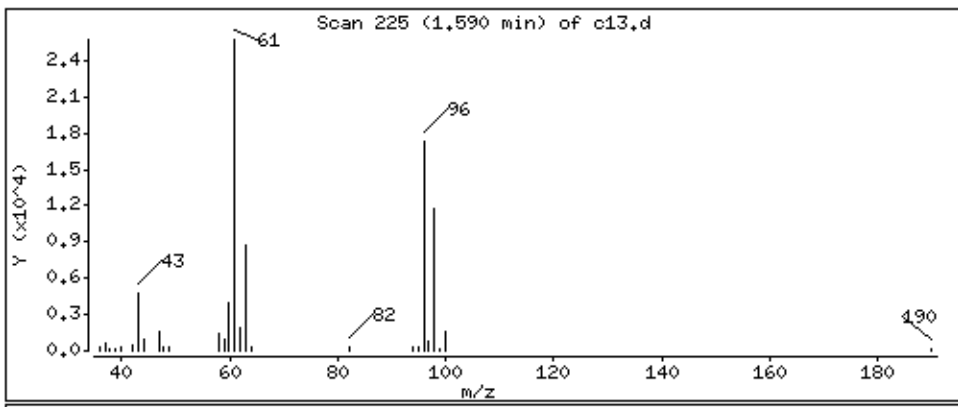
Column phase: DB-624

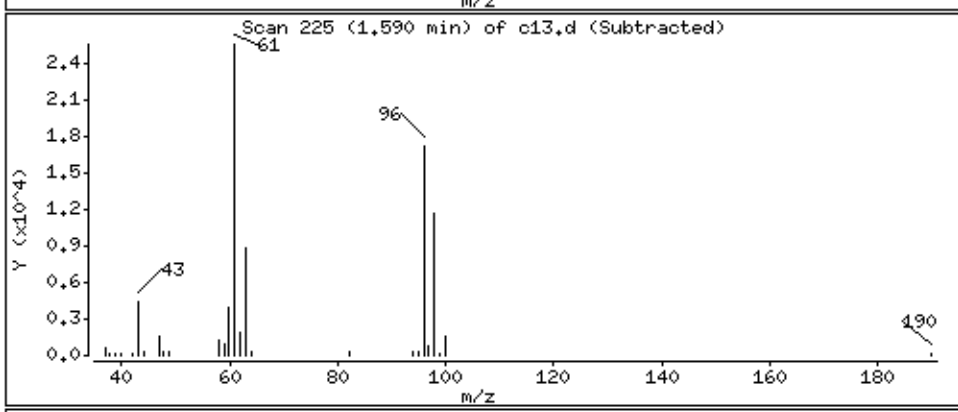
Column diameter: 0.18

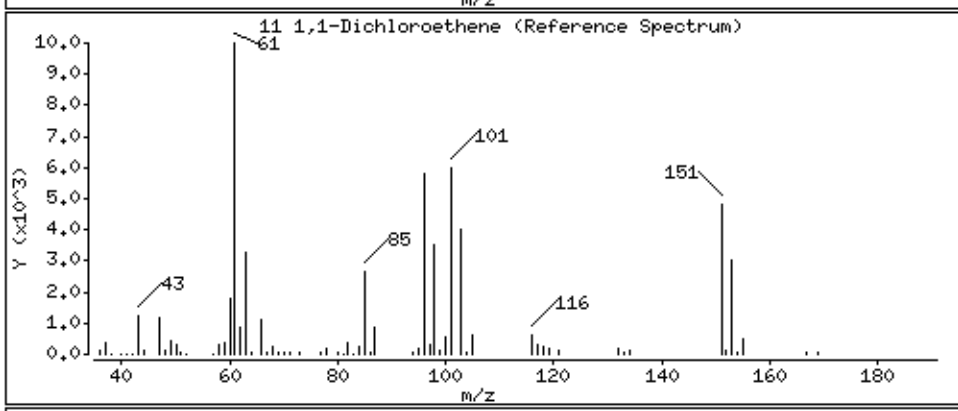
11 1,1-Dichloroethene

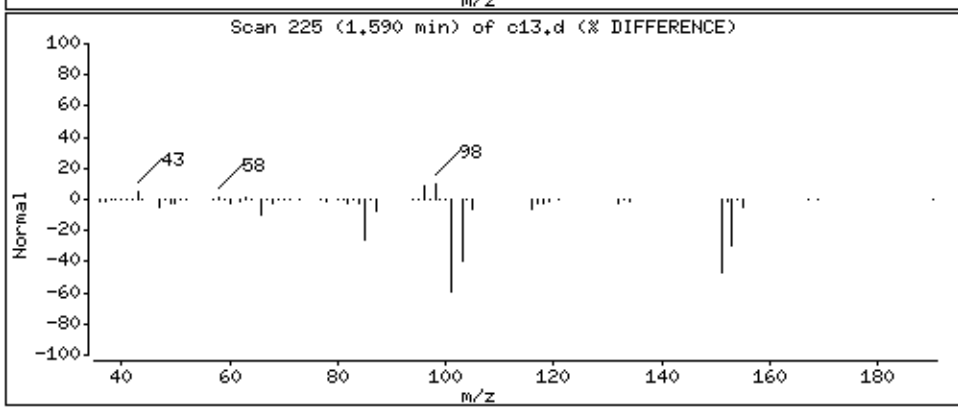
Concentration: 5.11 ppb

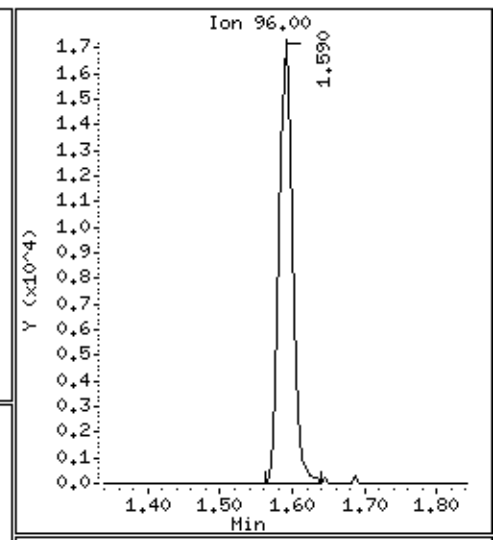
Review Code:

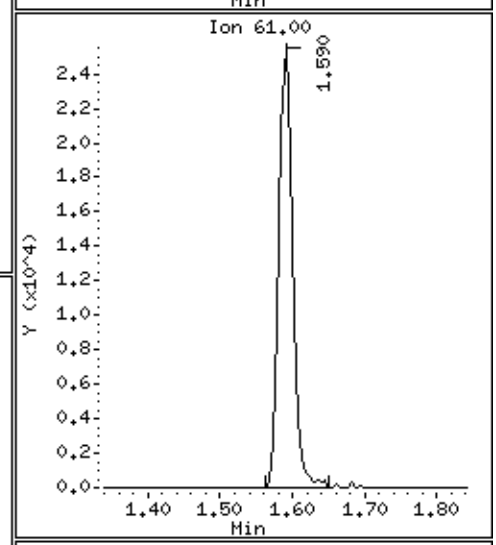


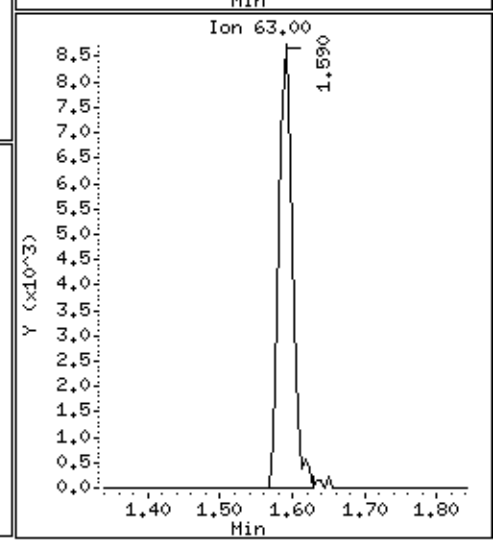












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

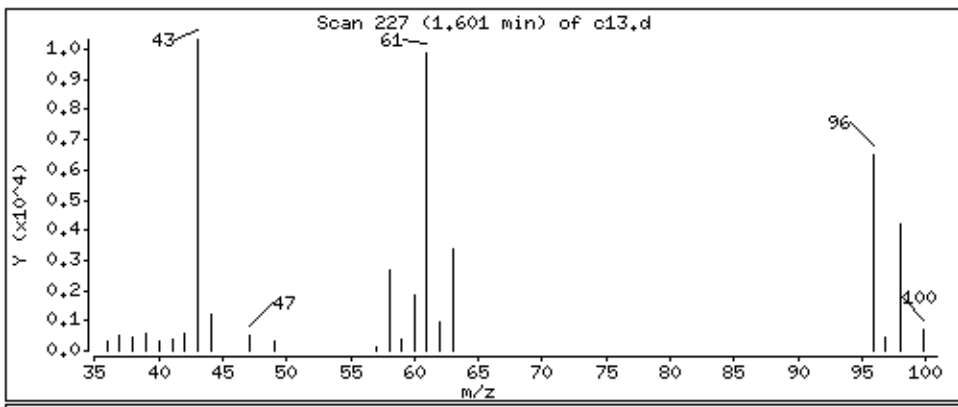
Column phase: DB-624

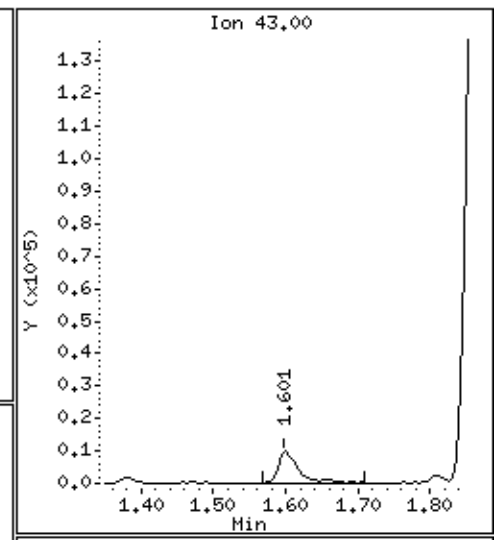
Column diameter: 0.18

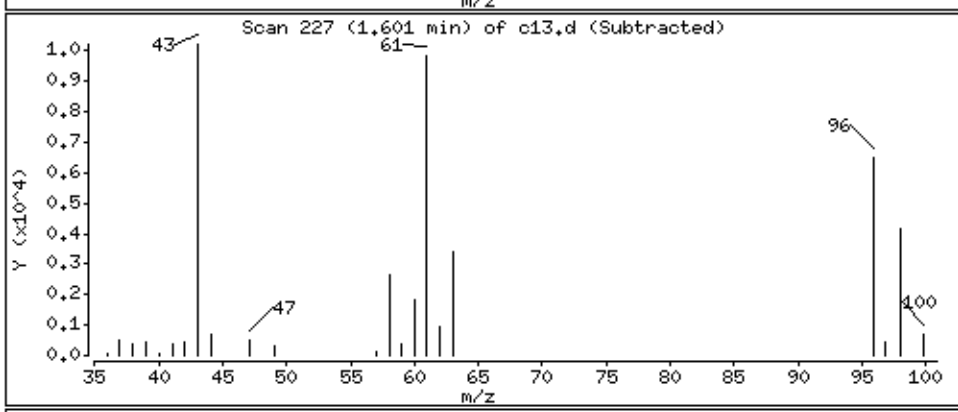
12 Acetone

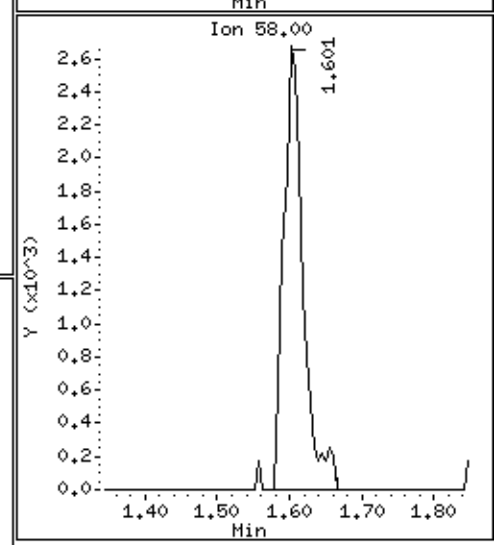
Concentration: 15.8 ppb

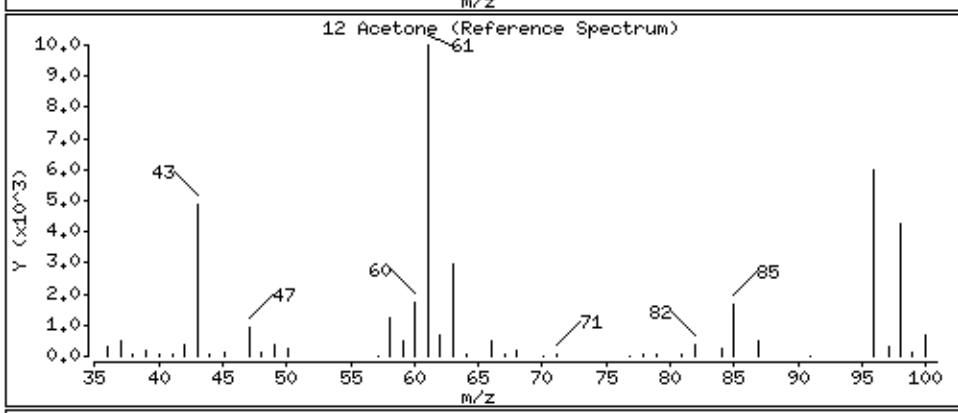
Review Code:

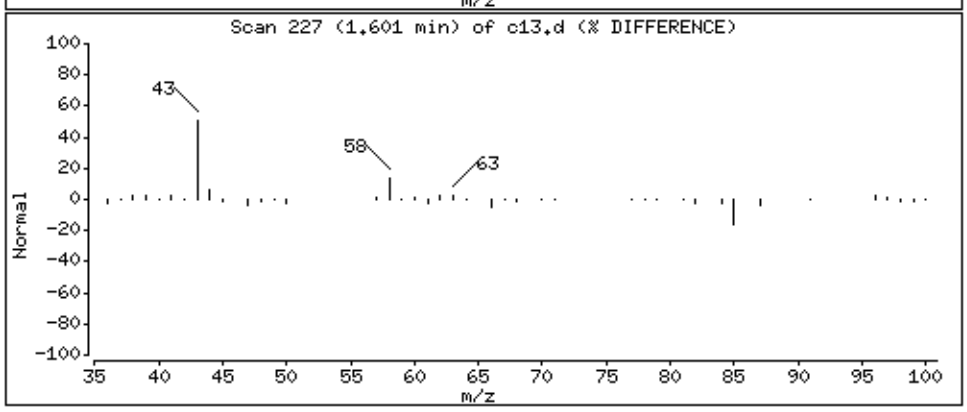












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

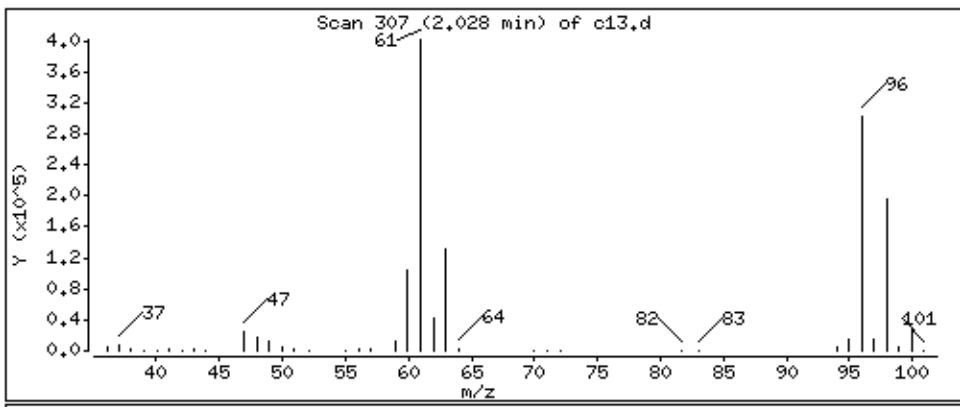
Column phase: DB-624

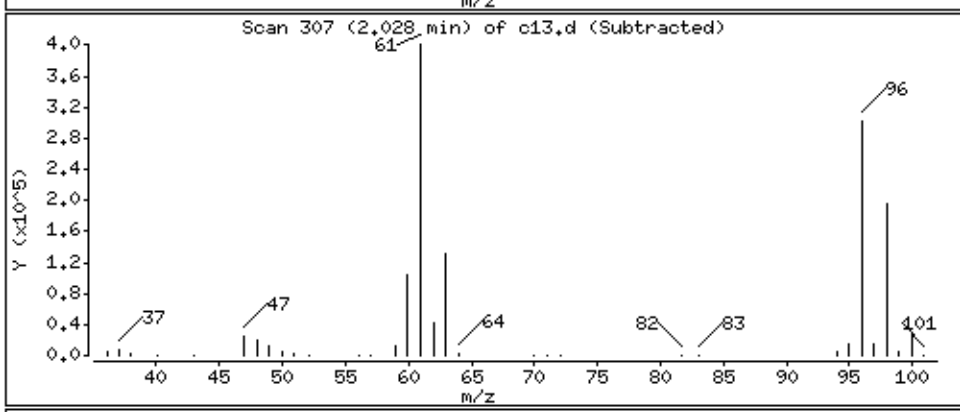
Column diameter: 0.18

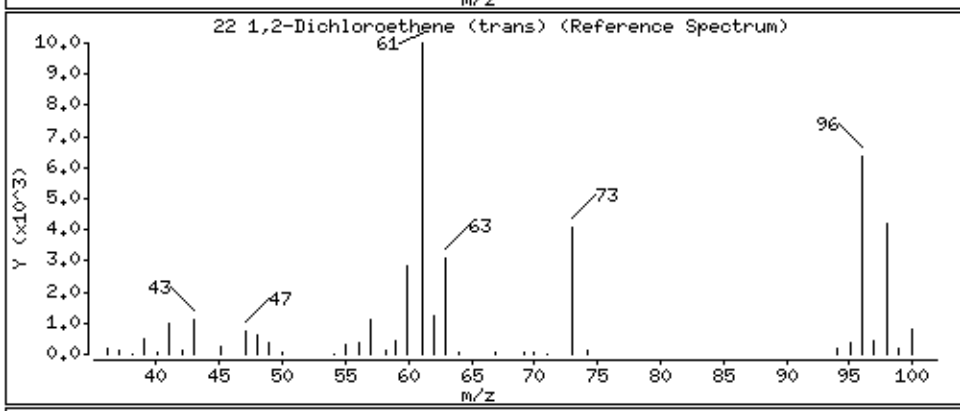
22 1,2-Dichloroethene (trans)

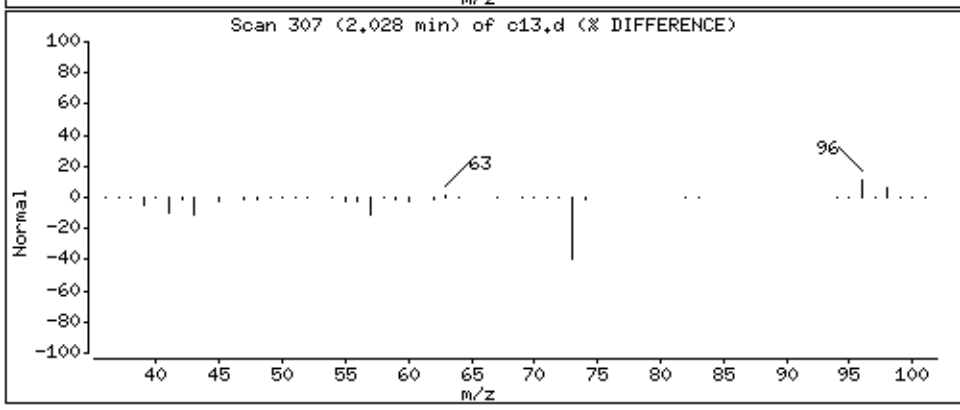
Concentration: 101 ppb

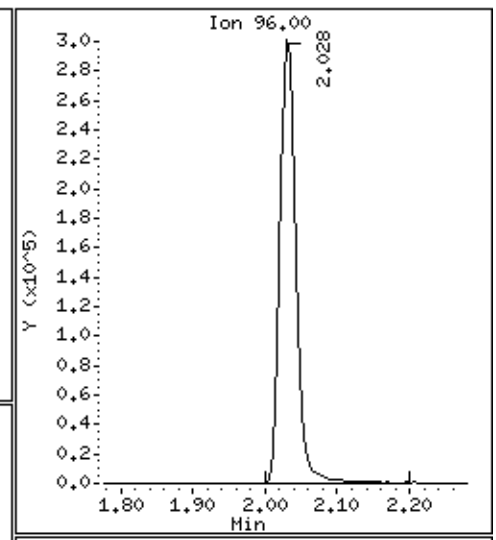
Review Code:

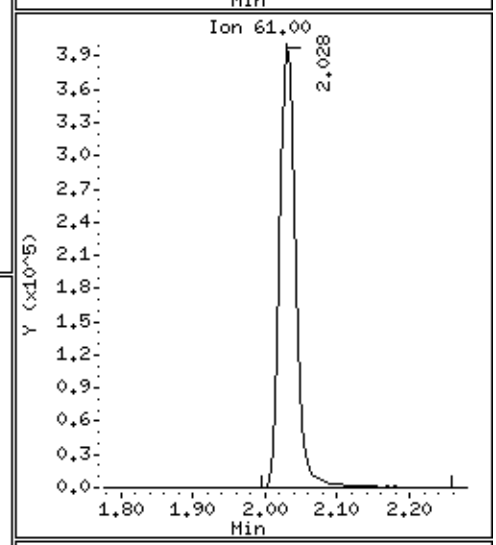


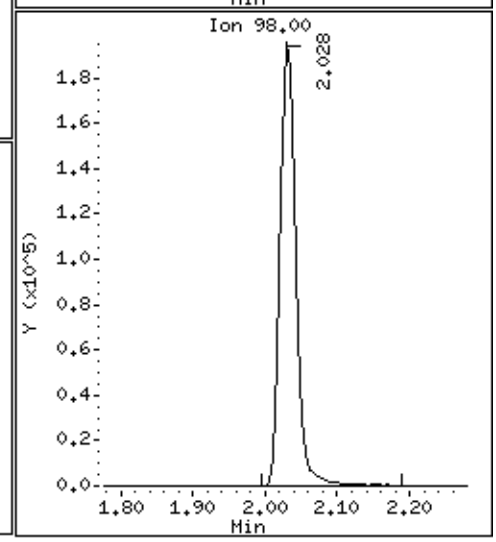












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Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

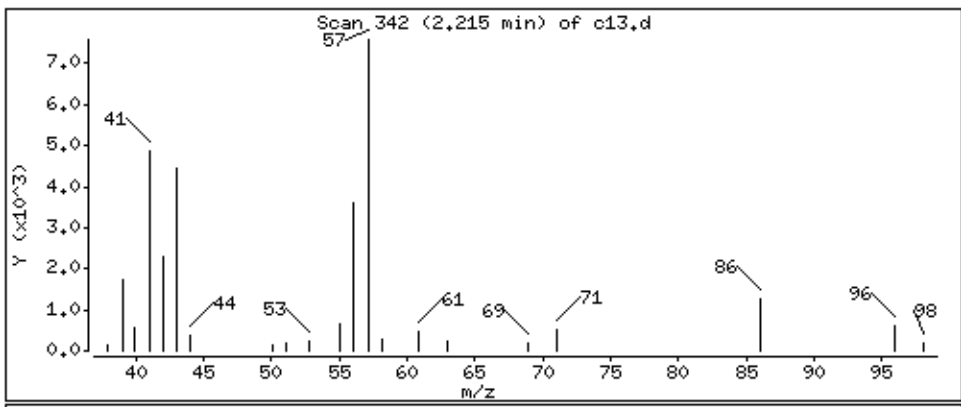
Column phase: DB-624

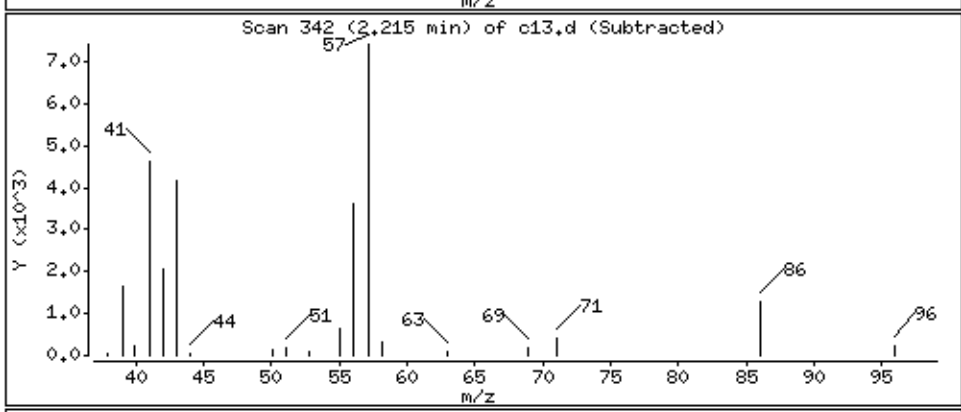
Column diameter: 0.18

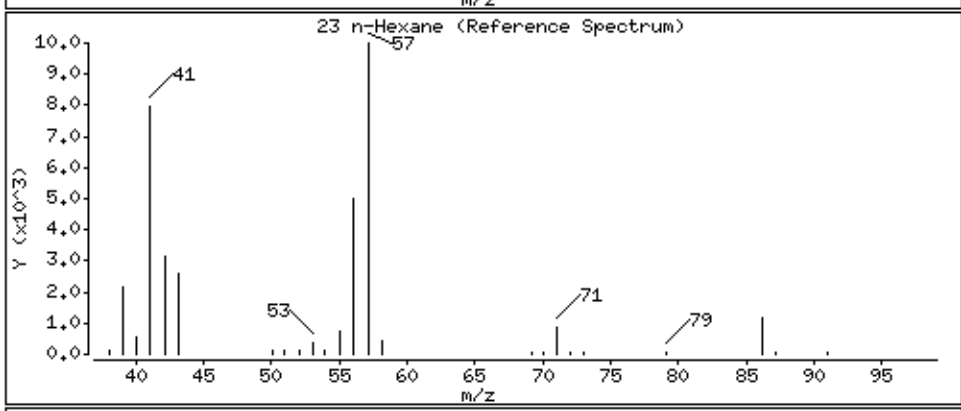
23 n-Hexane

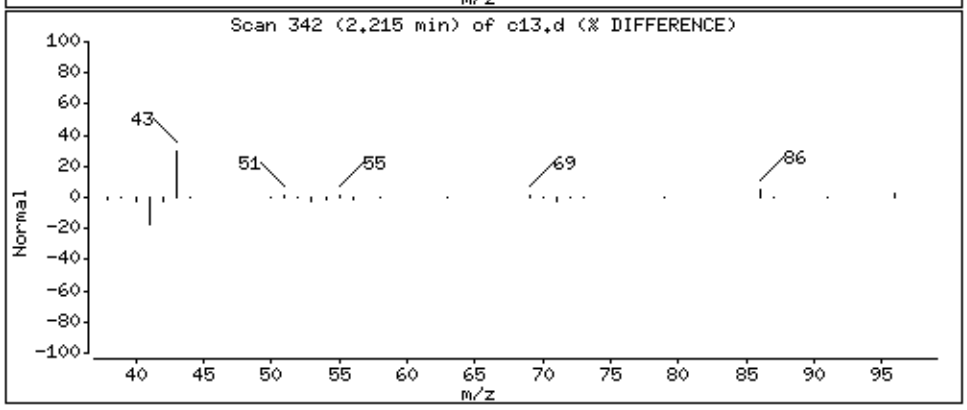
Concentration: 1.37 ppb

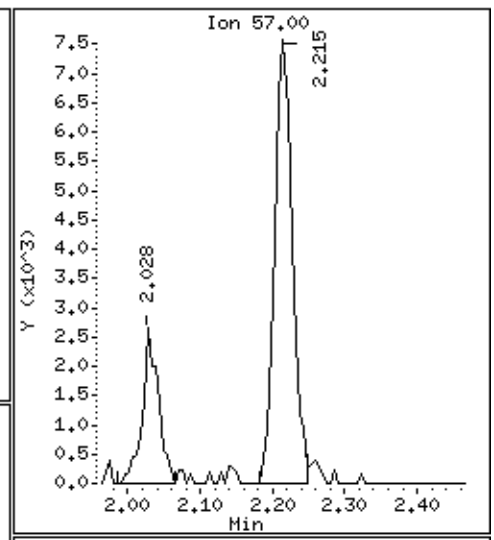
Review Code:

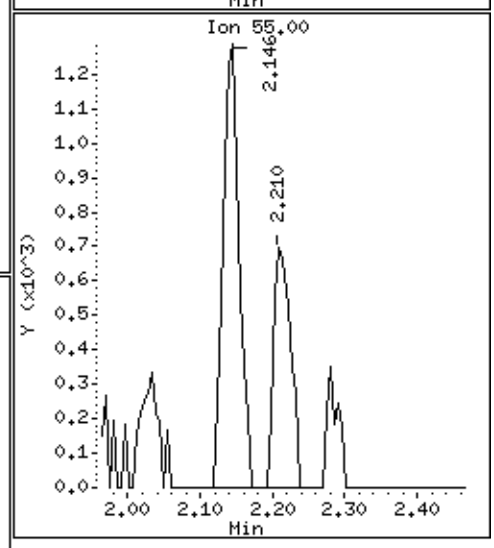












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

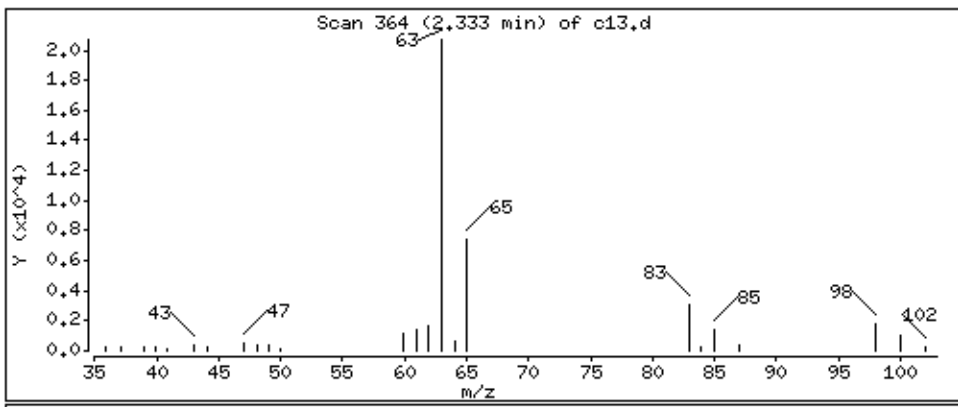
Column phase: DB-624

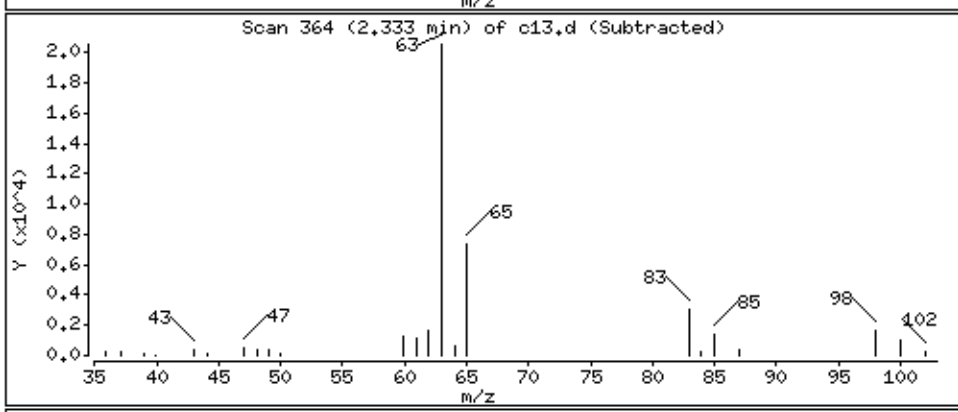
Column diameter: 0.18

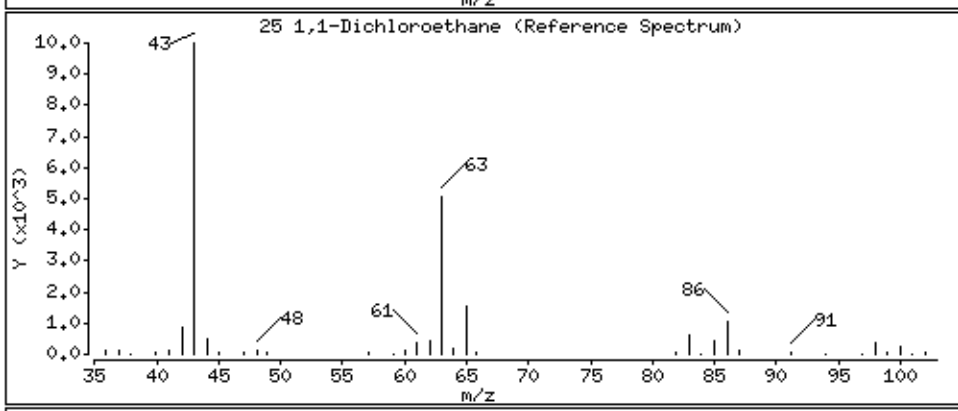
25 1,1-Dichloroethane

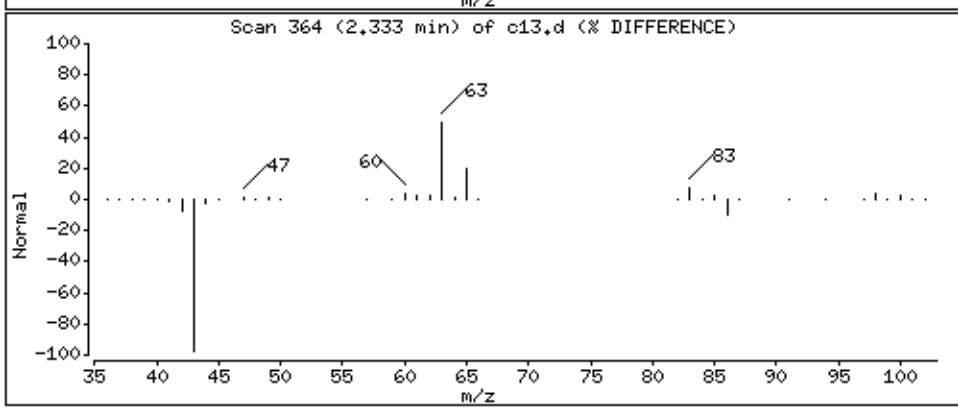
Concentration: 4.66 ppb

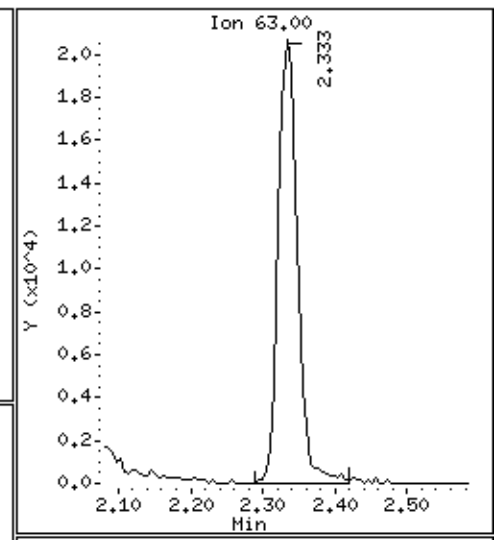
Review Code:

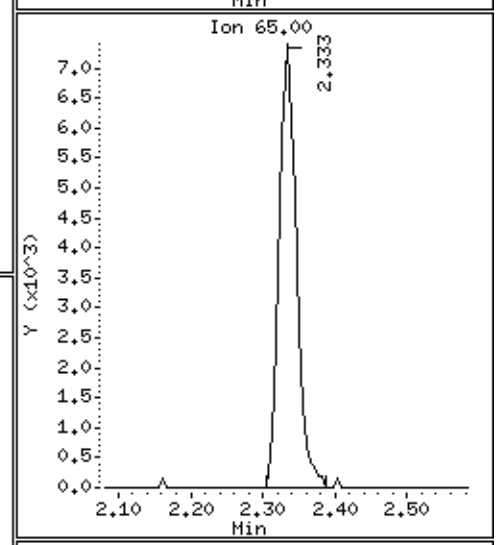


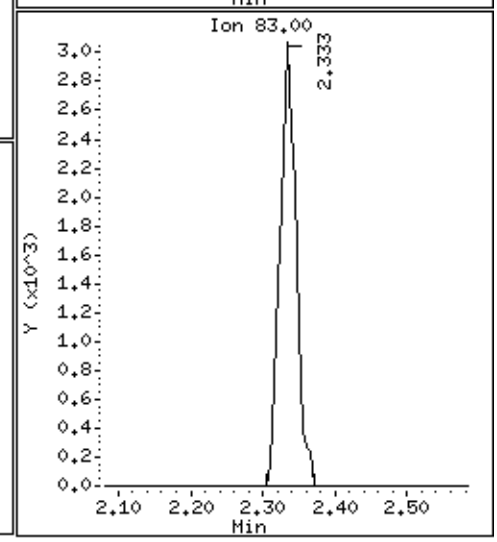












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Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

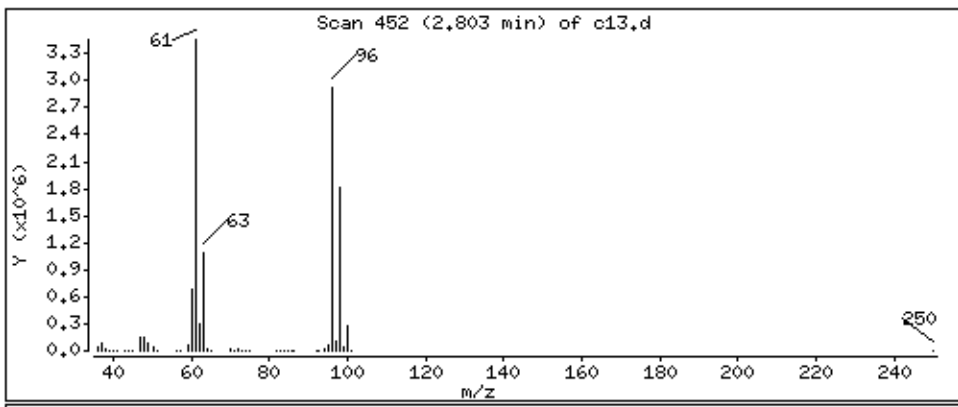
Column phase: DB-624

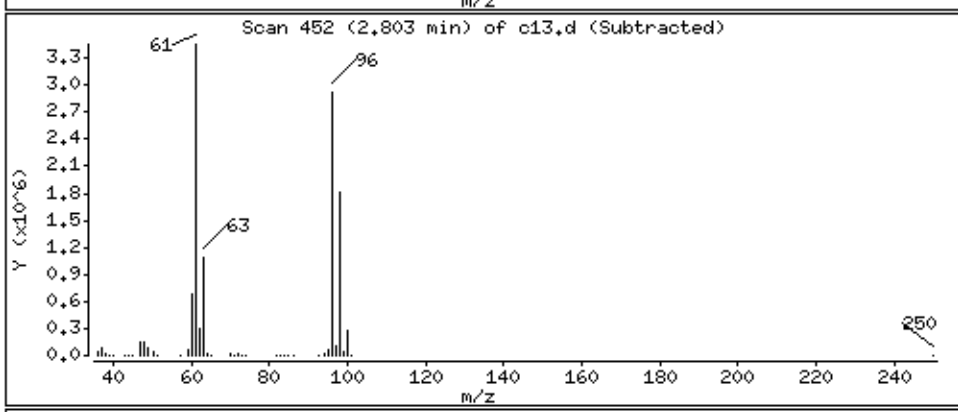
Column diameter: 0.18

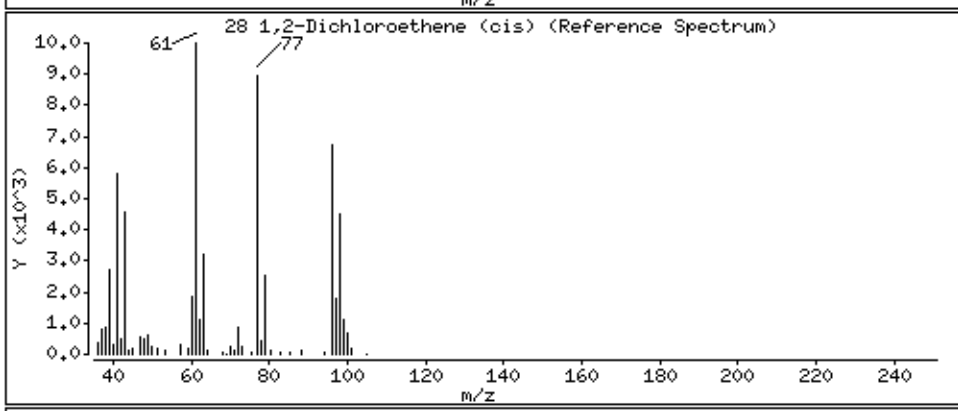
28 1,2-Dichloroethene (cis)

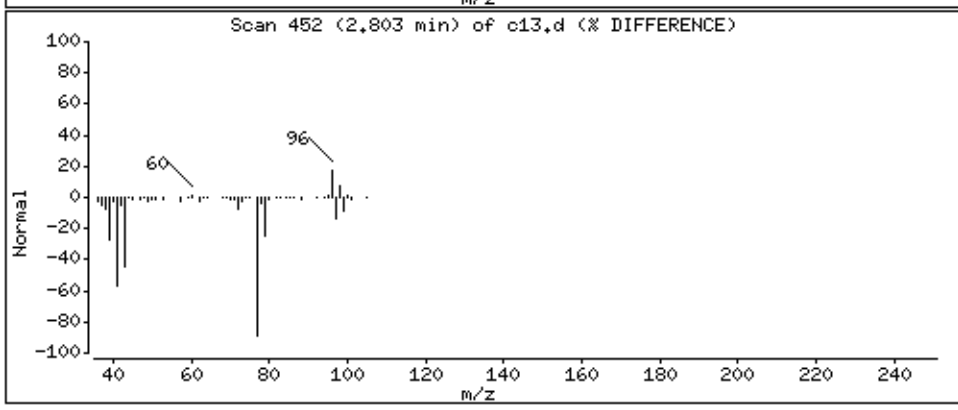
Concentration: 1180 ppb

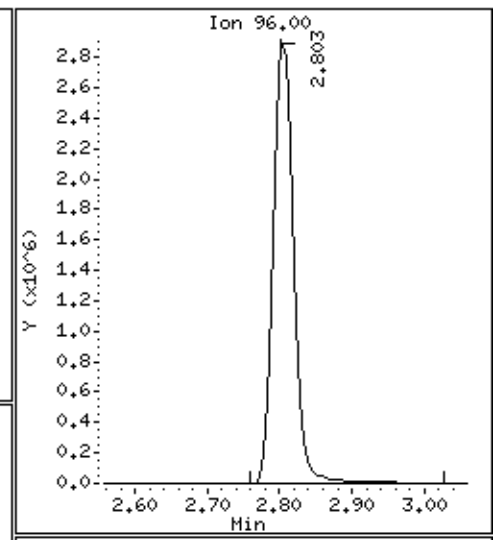
Review Code:

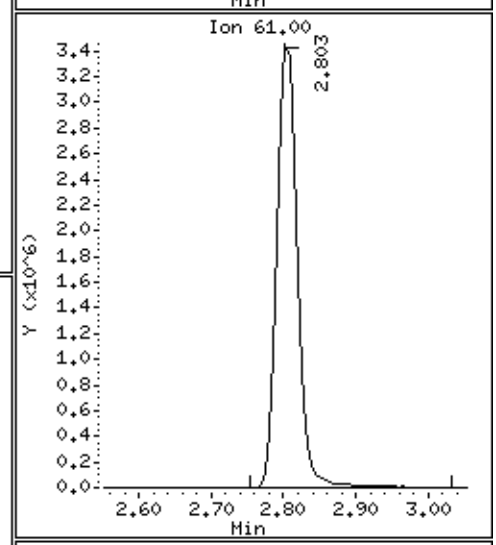


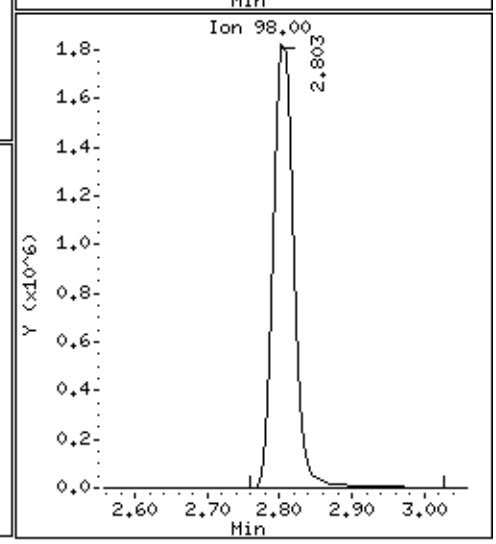












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Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

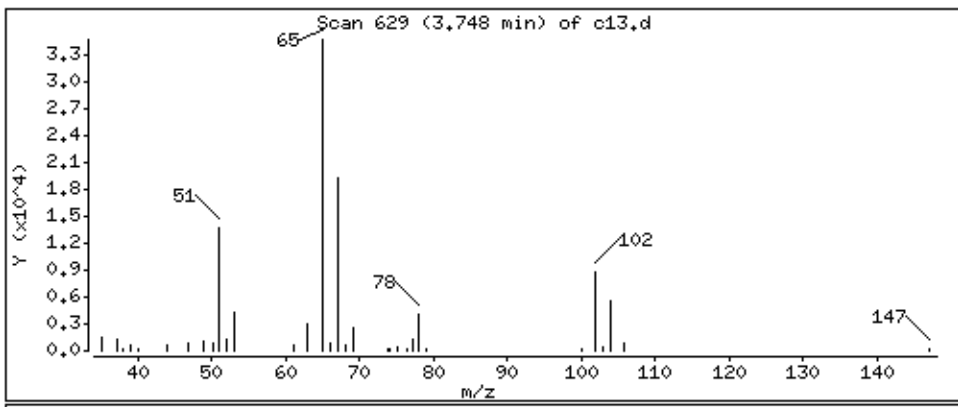
Column phase: DB-624

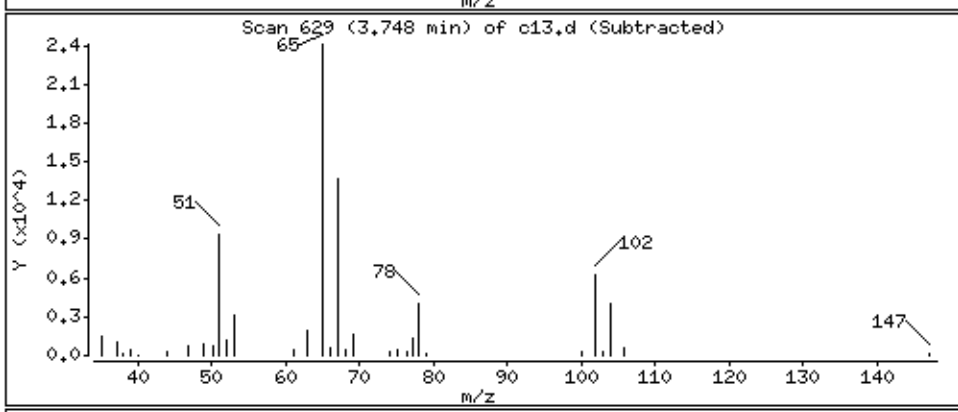
Column diameter: 0.18

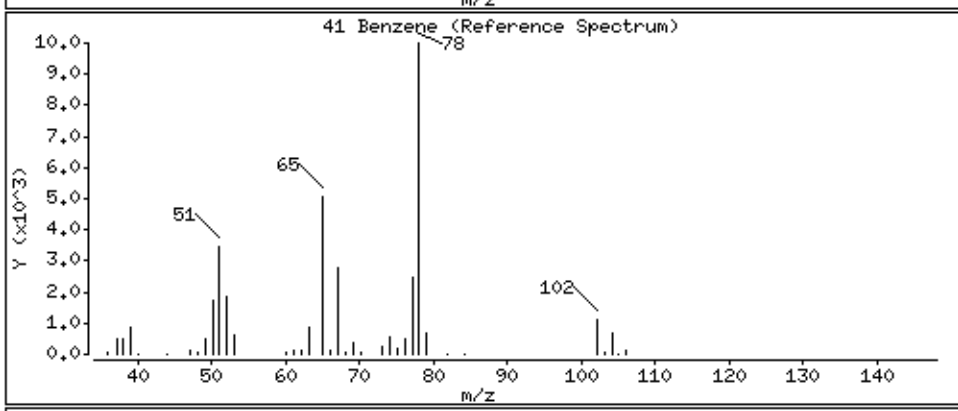
41 Benzene

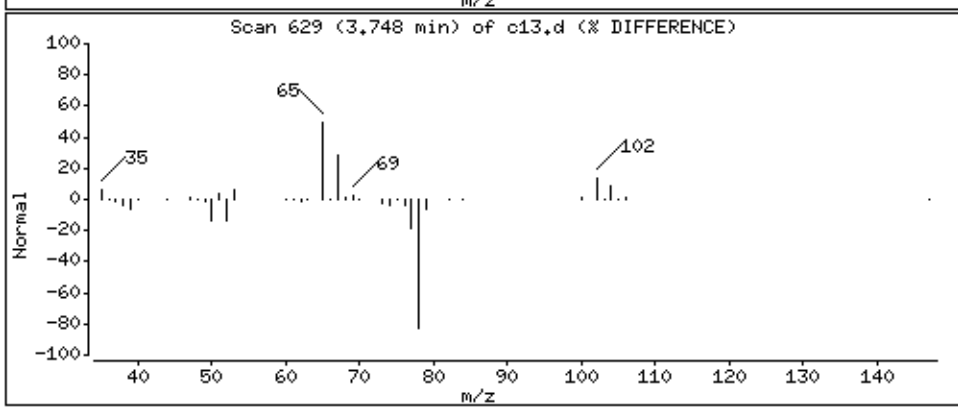
Concentration: 0.749 ppb

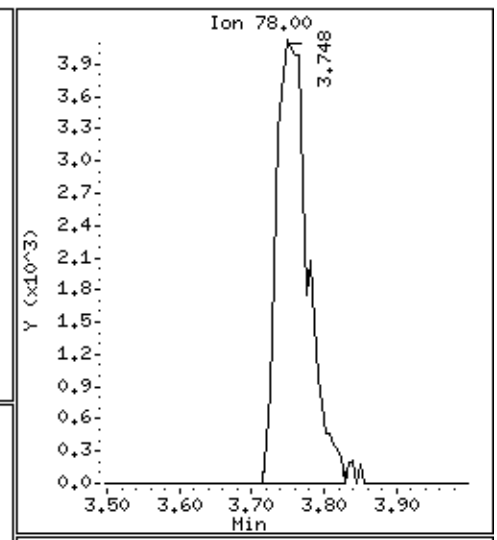
Review Code:

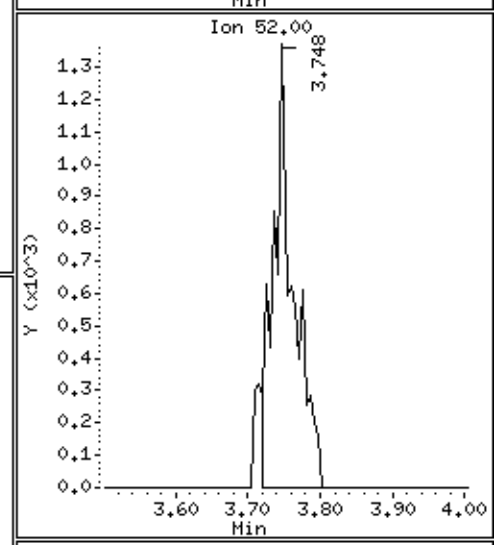


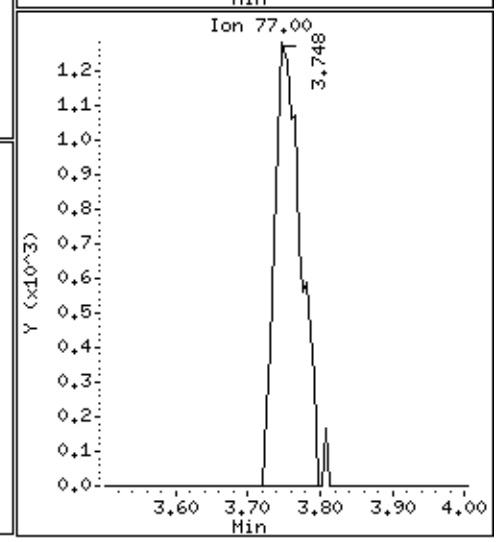












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

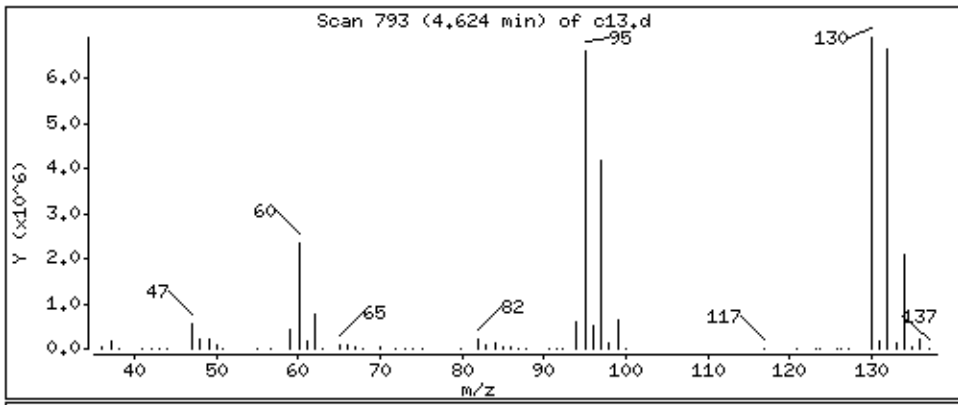
Column phase: DB-624

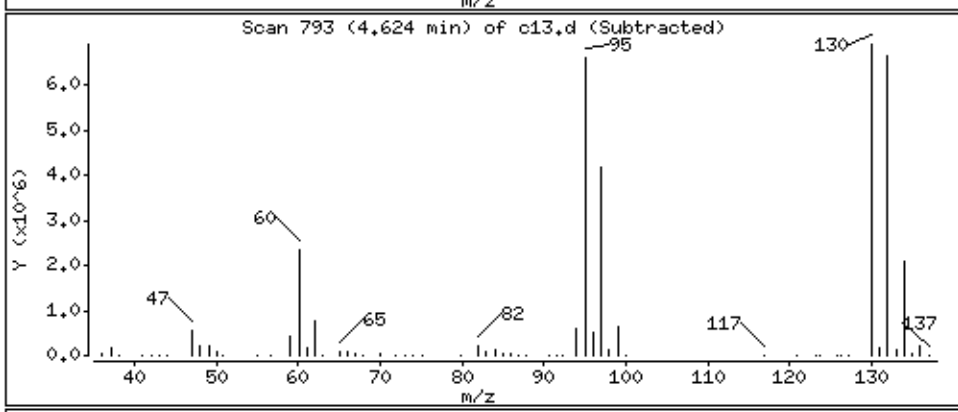
Column diameter: 0.18

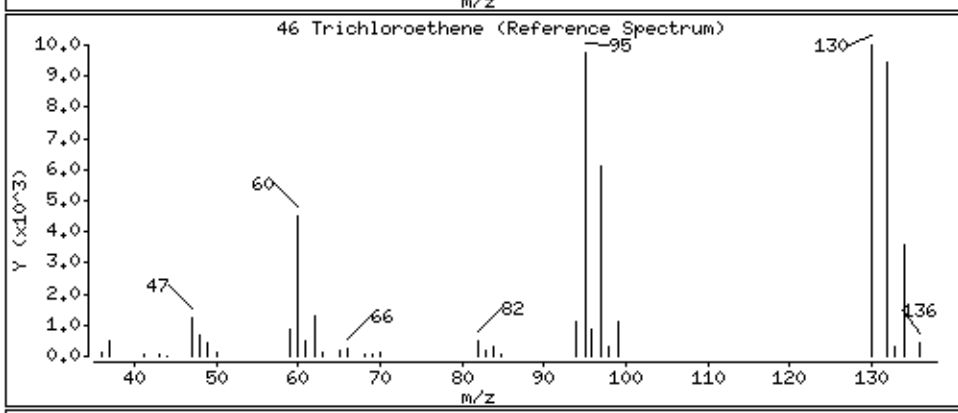
46 Trichloroethene

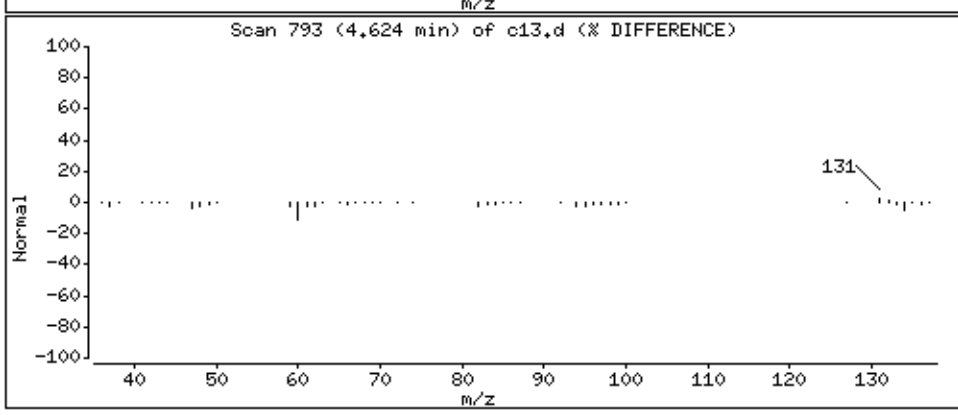
Concentration: 3510 ppb

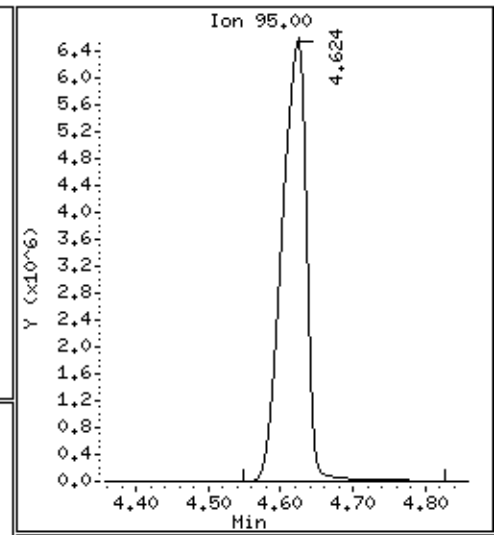
Review Code:

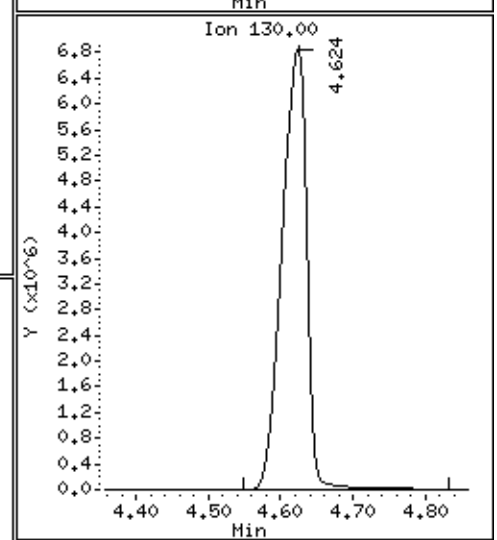


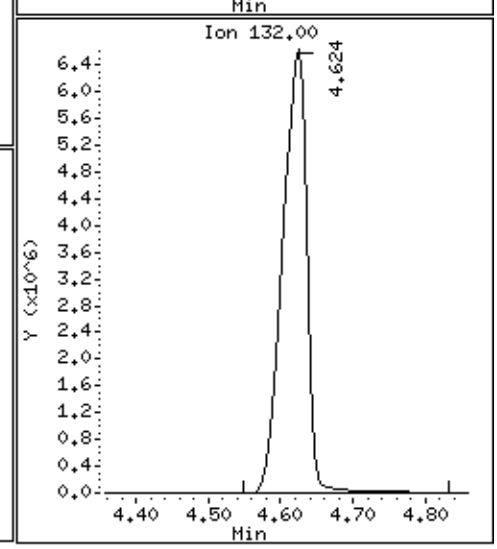












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

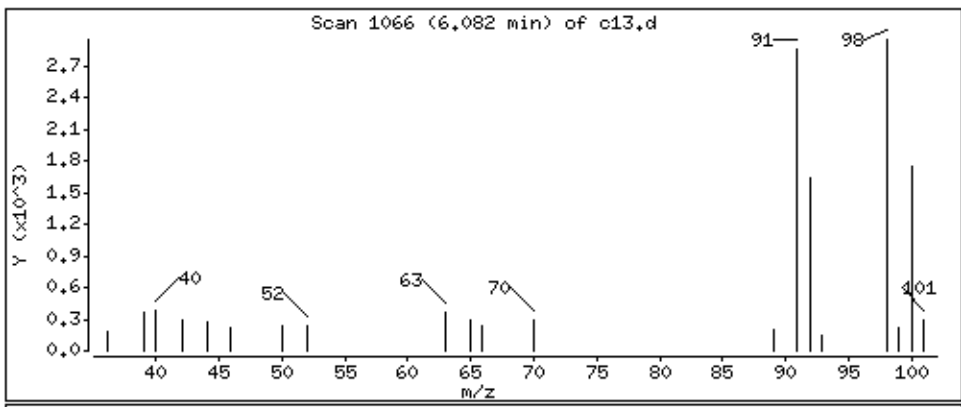
Column phase: DB-624

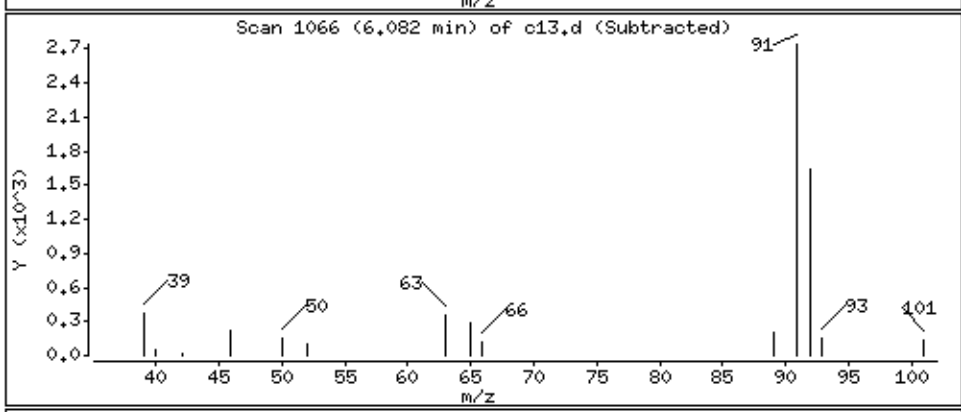
Column diameter: 0.18

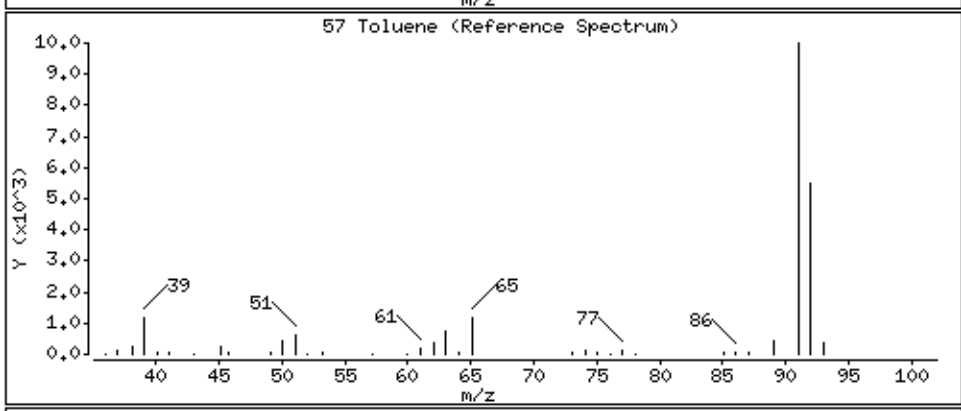
57 Toluene

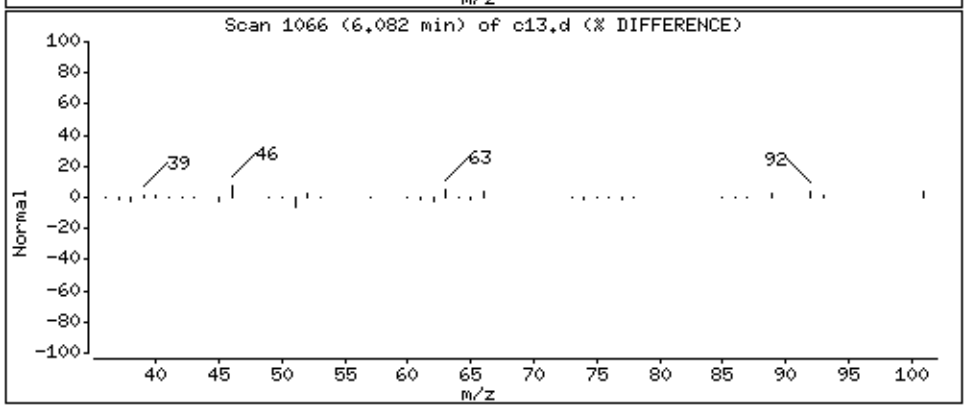
Concentration: 0.282 ppb

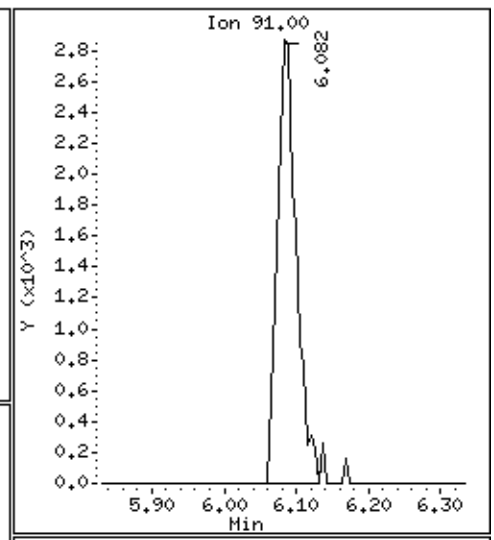
Review Code:

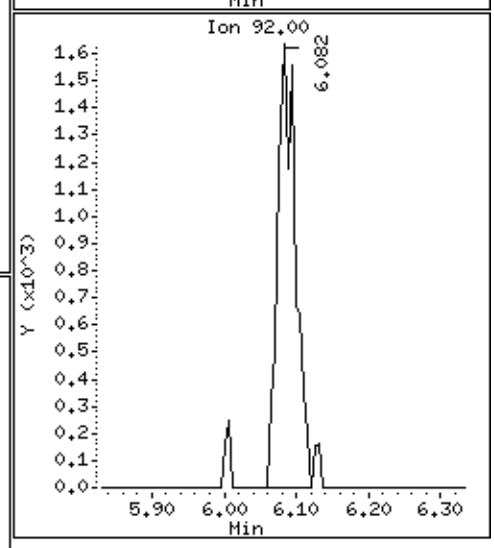












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

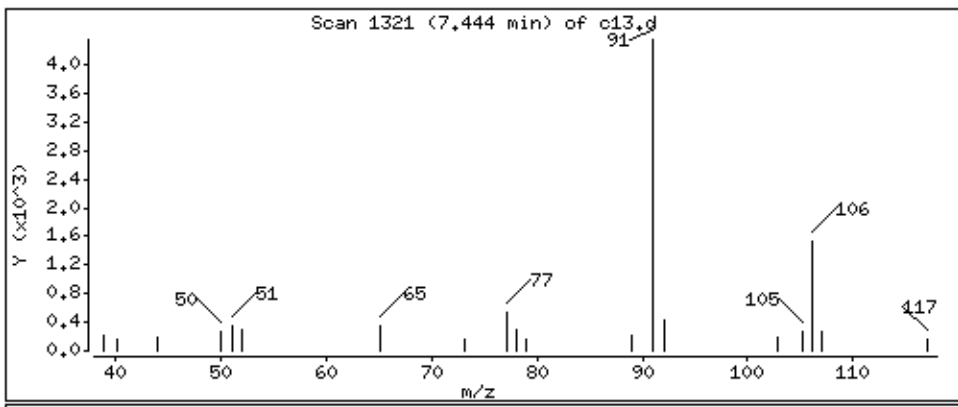
Column phase: DB-624

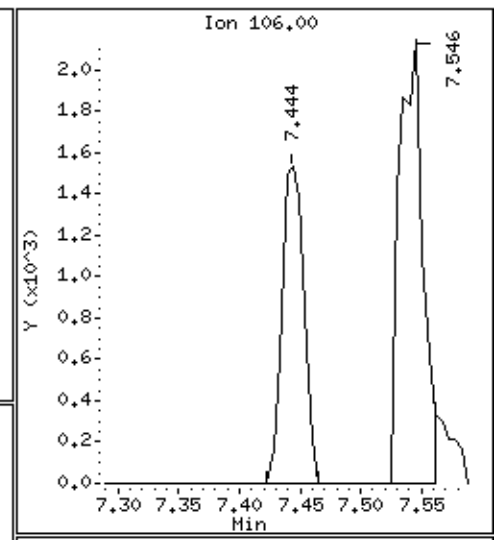
Column diameter: 0.18

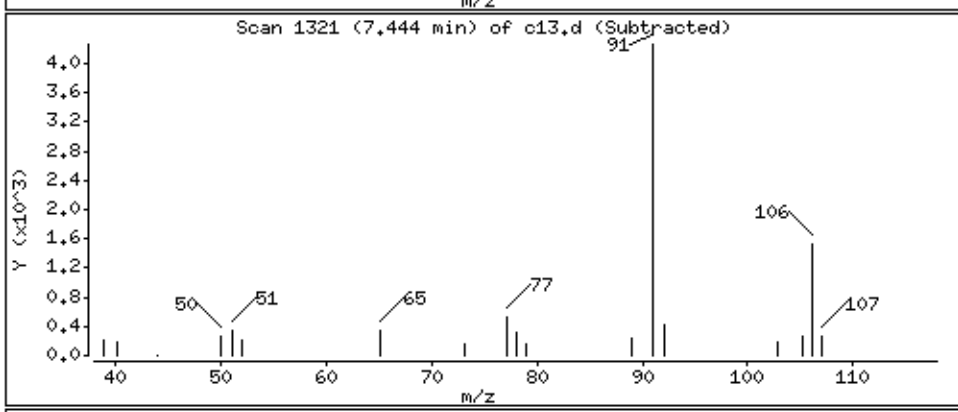
69 Ethylbenzene

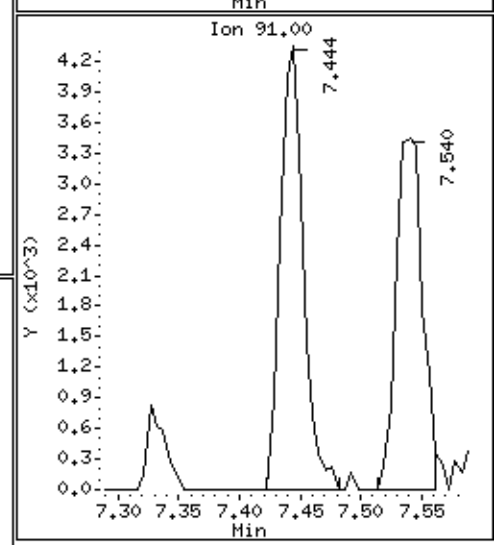
Concentration: 0.324 ppb

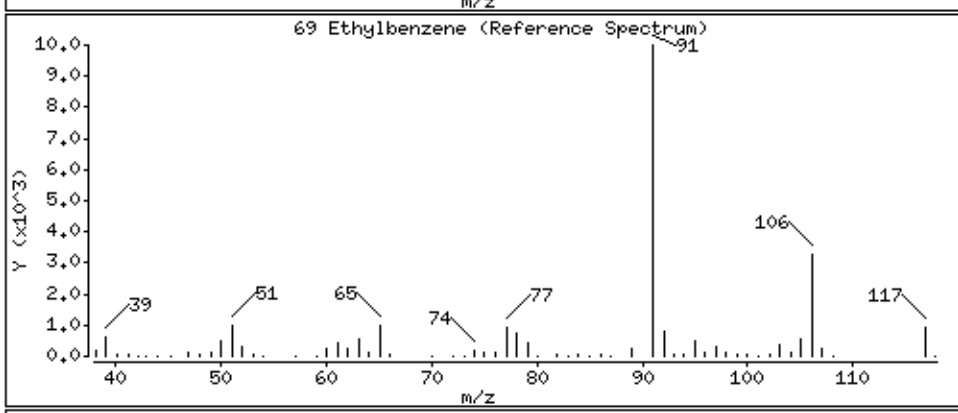
Review Code:

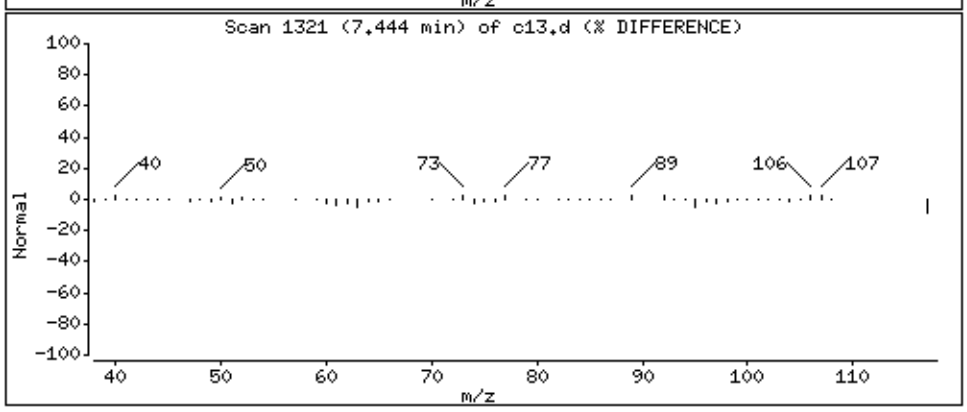












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

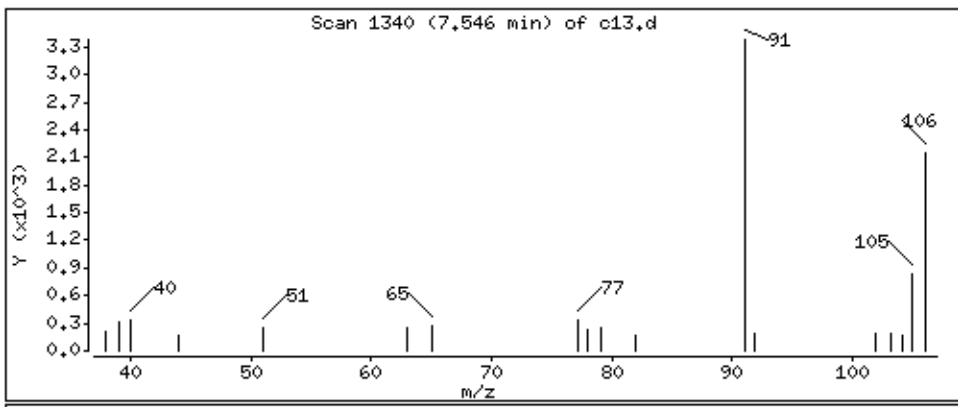
Column phase: DB-624

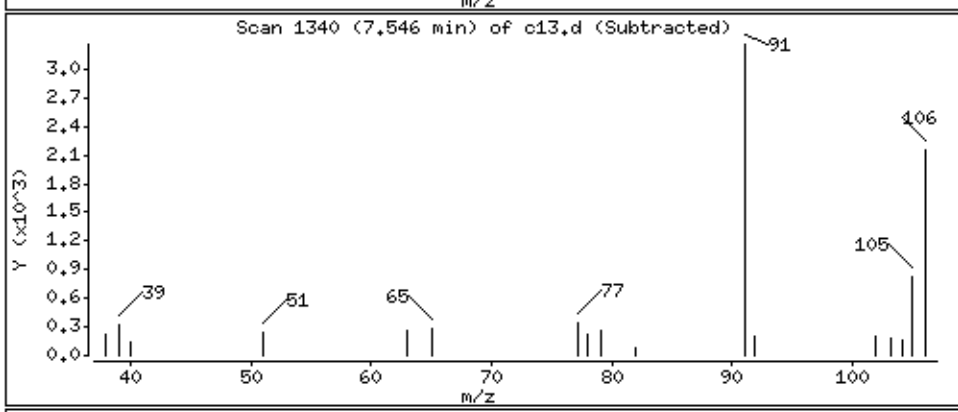
Column diameter: 0.18

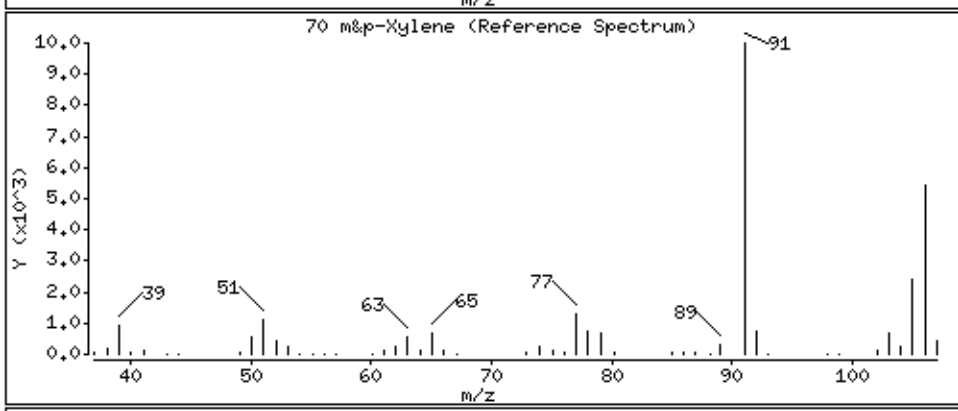
70 m&p-Xylene

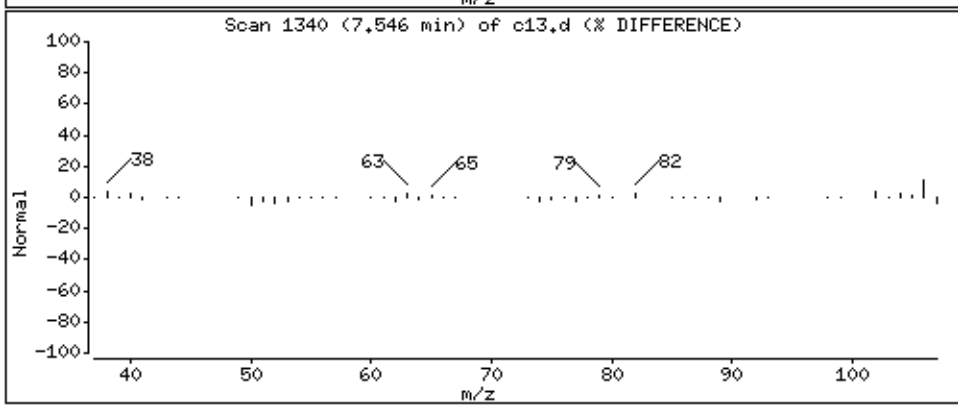
Concentration: 0.475 ppb

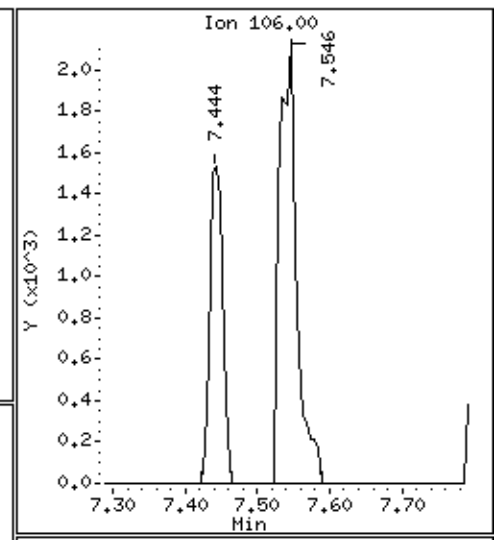
Review Code:

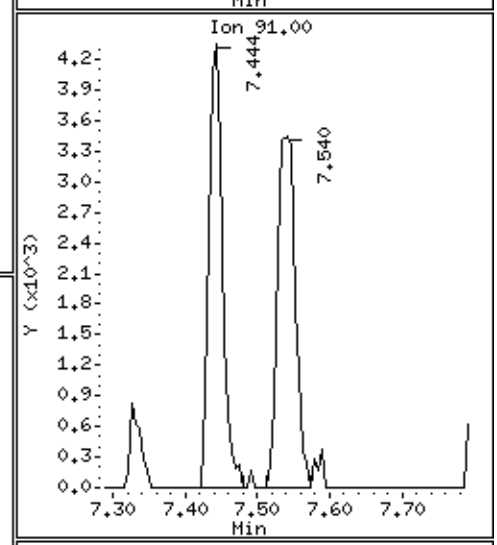


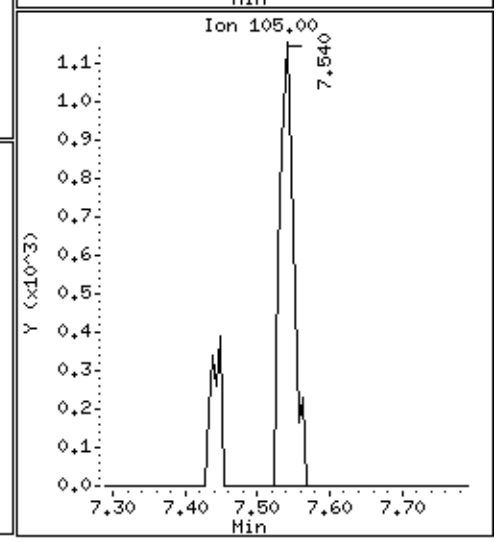












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

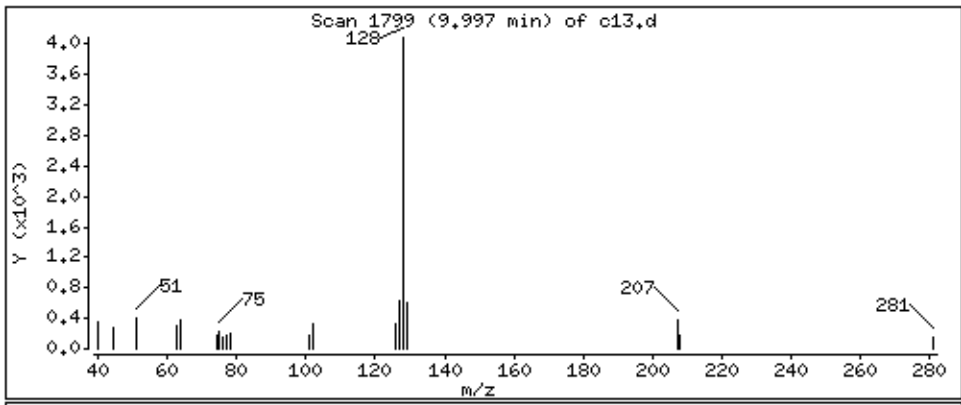
Column phase: DB-624

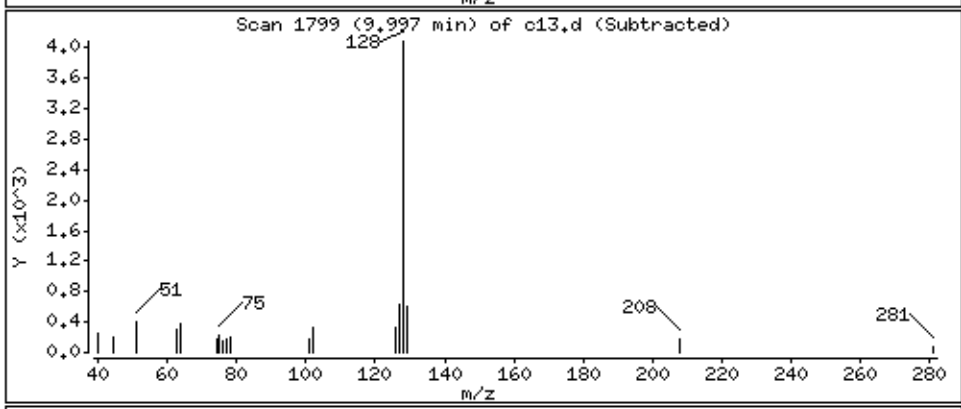
Column diameter: 0.18

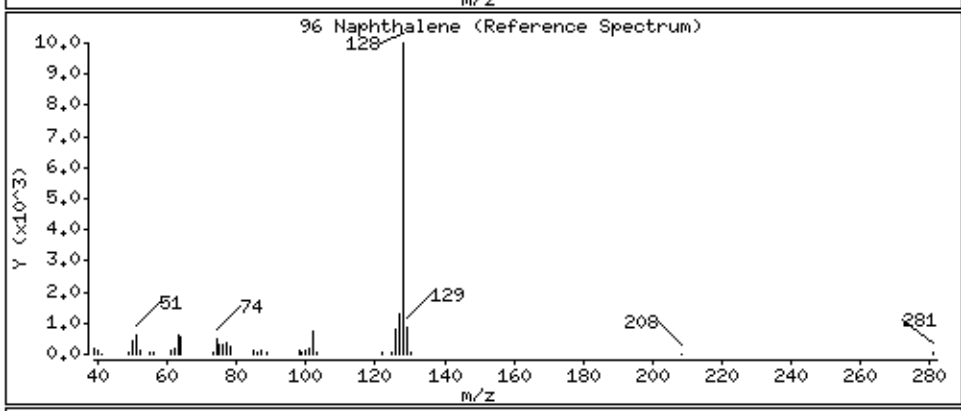
96 Naphthalene

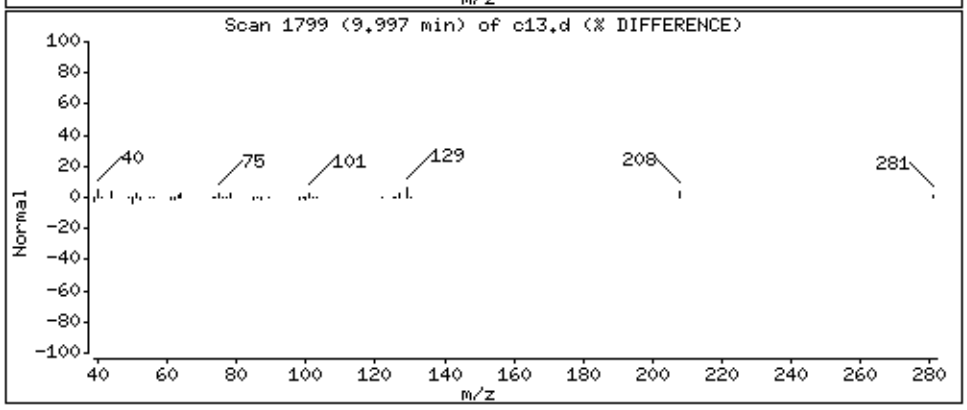
Concentration: 0.923 ppb

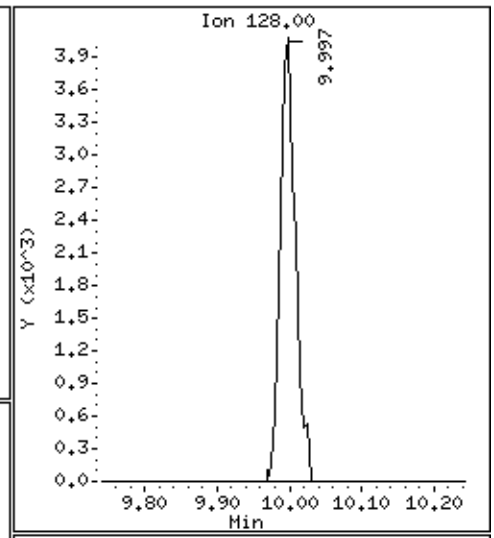
Review Code:

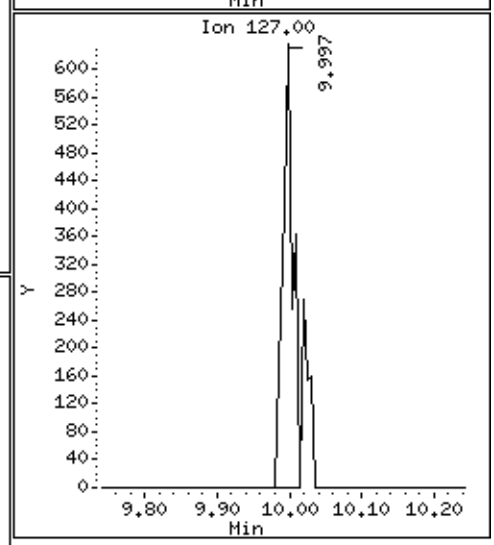












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

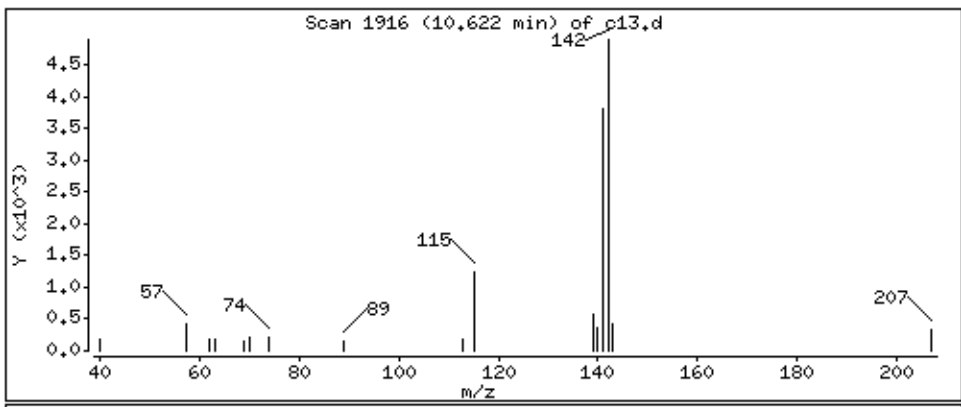
Column phase: DB-624

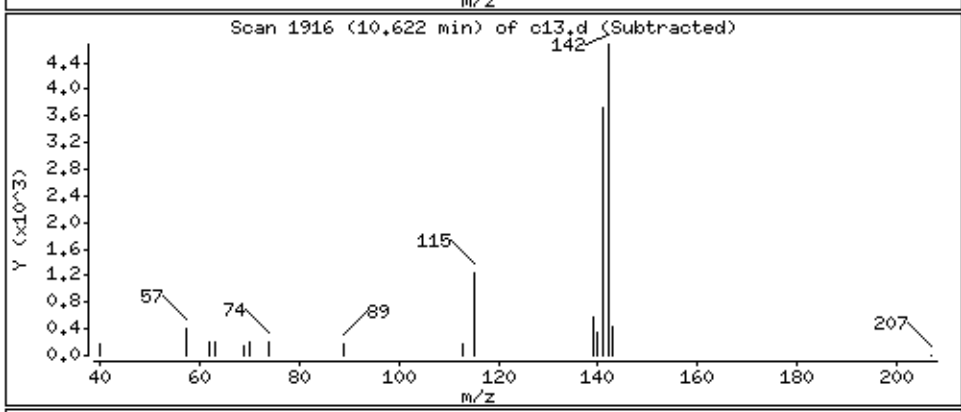
Column diameter: 0.18

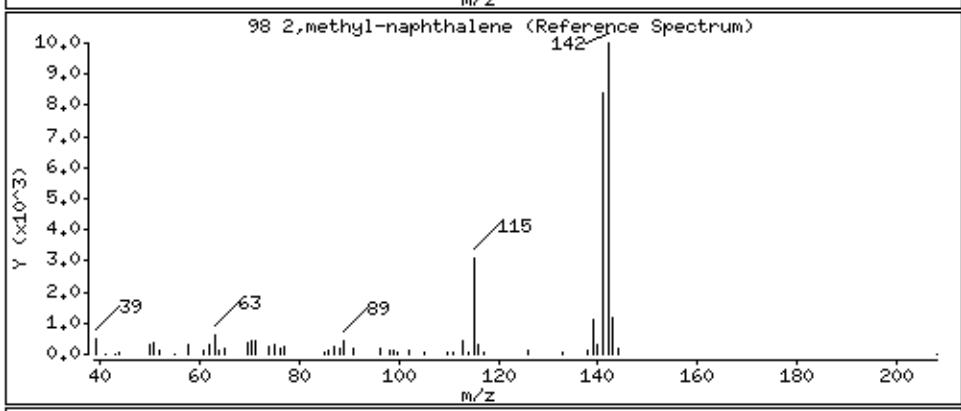
98 2,methyl-naphthalene

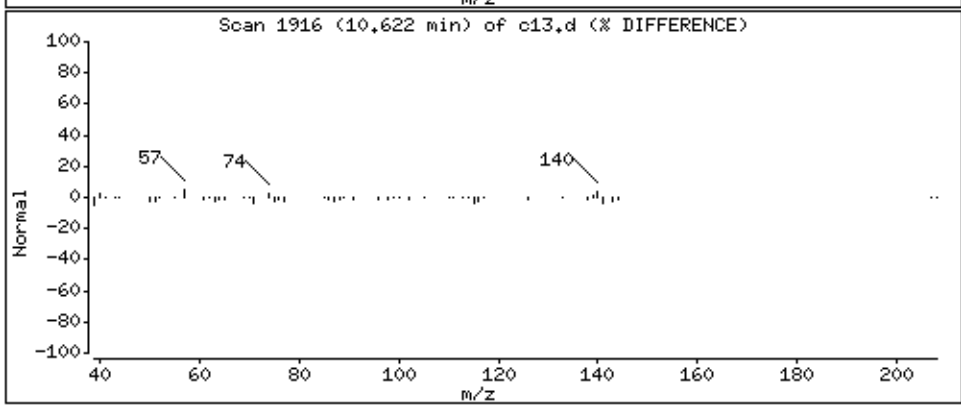
Concentration: 1.63 ppb

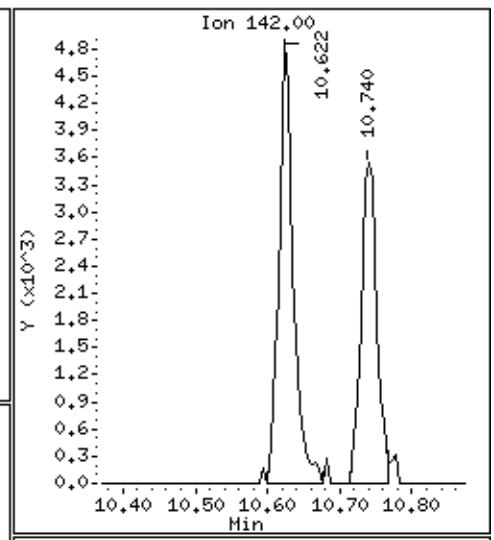
Review Code:

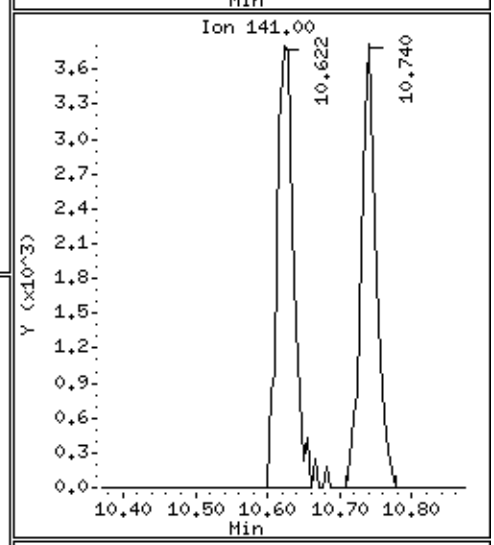


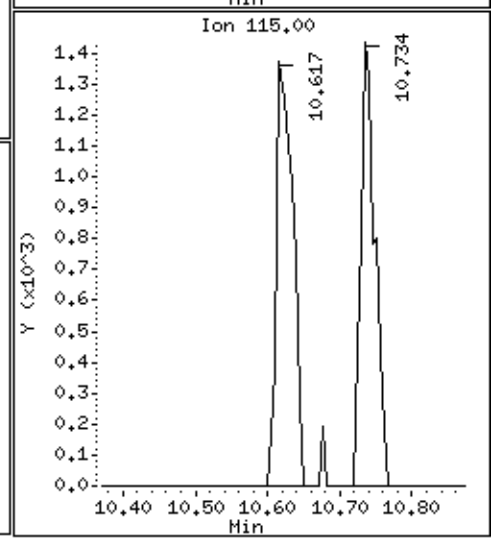












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c13.d

Date : 06-OCT-2017 04:48

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007

Purge Volume: 5.0

Operator: jlz

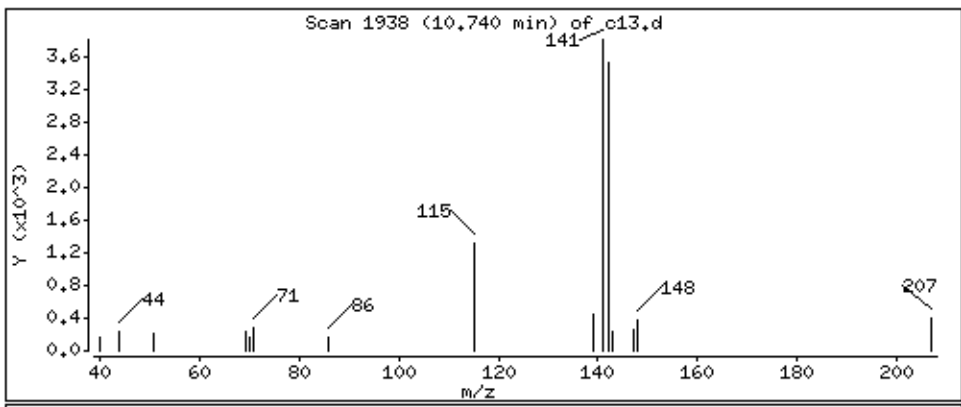
Column phase: DB-624

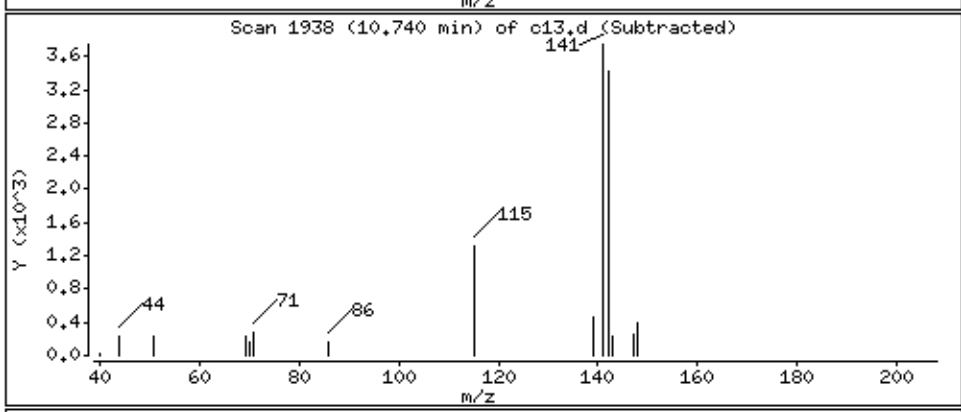
Column diameter: 0.18

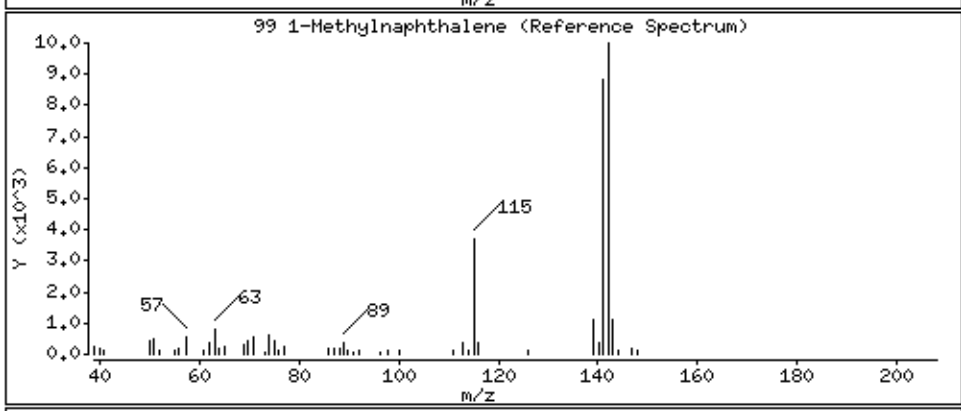
99 1-Methylnaphthalene

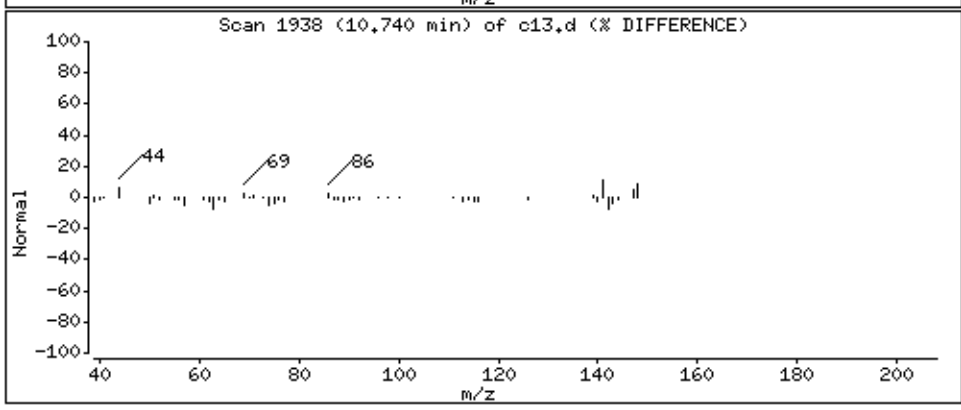
Concentration: 1.75 ppb

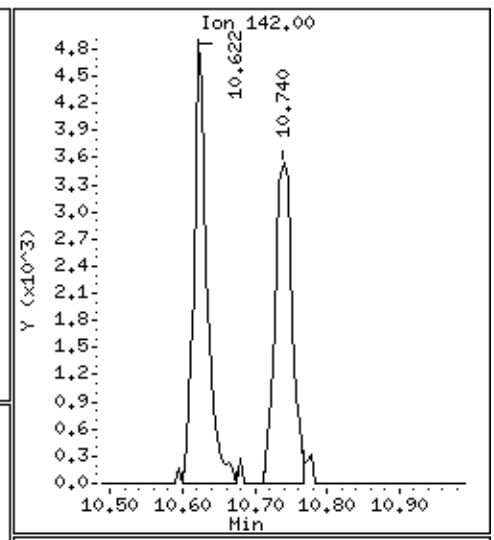
Review Code:

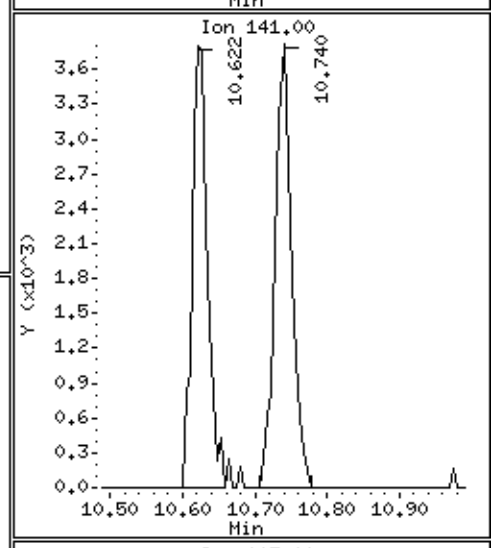


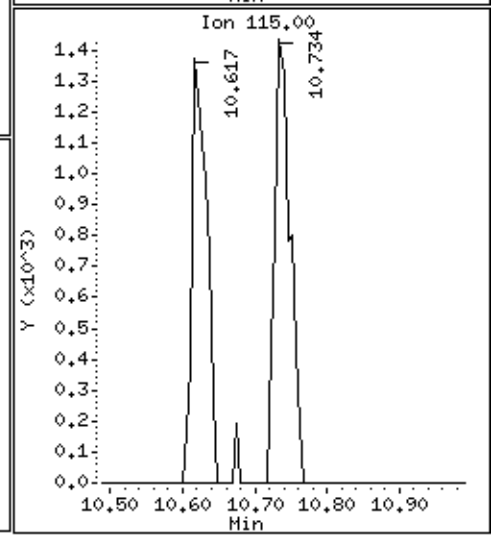












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c13.d
Injection Date: 06-OCT-2017 04:48
Instrument: 50mv3a.i
Lab Sample ID: 50180760007
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0604-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/09/2017 20:22 Lab Sample ID: 50180760007

Date Analyzed: 10/09/2017 20:22 Lab File ID: A100917.B\A19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 25 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
156-59-2	cis-1,2-Dichloroethene	1260	
79-01-6	Trichloroethene	3870	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d
Lab Smp Id: 50180760007 Client Smp ID: MW-0604-S1 (092717)
Inj Date : 09-OCT-2017 20:22
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760007x25
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 39
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	25.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.034	1.035	(0.249)	7615	1.55209	38.8	
	7 Diethyl ether	74	1.461	1.462	(0.352)	2245	1.07059	26.8	
	15 Methyl Acetate	43	1.766	1.767	(0.426)	35683	25.0671	627	
	22 1,2-Dichloroethene (trans)	96	2.033	2.029	(0.490)	18121	4.45156	111	
	23 n-Hexane	57	2.214	2.210	(0.534)	11747	1.40259	35.1	
	28 1,2-Dichloroethene (cis)	96	2.802	2.803	(0.676)	216865	50.3838	1260(Q)	
$	35 Dibromofluoromethane (S)	113	3.320	3.316	(0.800)	169438	49.4789	49.5	
*	45 Fluorobenzene (IS)	96	4.148	4.149	(1.000)	693554	50.0000		
	46 Trichloroethene	95	4.602	4.603	(1.109)	624053	154.970	3870	
$	56 Toluene-d8 (S)	98	6.007	6.008	(0.819)	636652	48.7607	48.8	
	57 Toluene	91	6.087	6.077	(0.830)	3061	0.18633	4.66	
*	66 Chlorobenzene-D5 (IS)	117	7.331	7.332	(1.000)	435194	50.0000		
	69 Ethylbenzene	106	7.438	7.439	(1.015)	1361	0.24110	6.03(Q)	
	70 m&p-Xylene	106	7.539	7.540	(1.028)	2018	0.31112	7.78(Q)	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.155	(1.112)	171060	47.7795	47.8	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.833	(1.000)	154251	50.0000		

QC Flag Legend

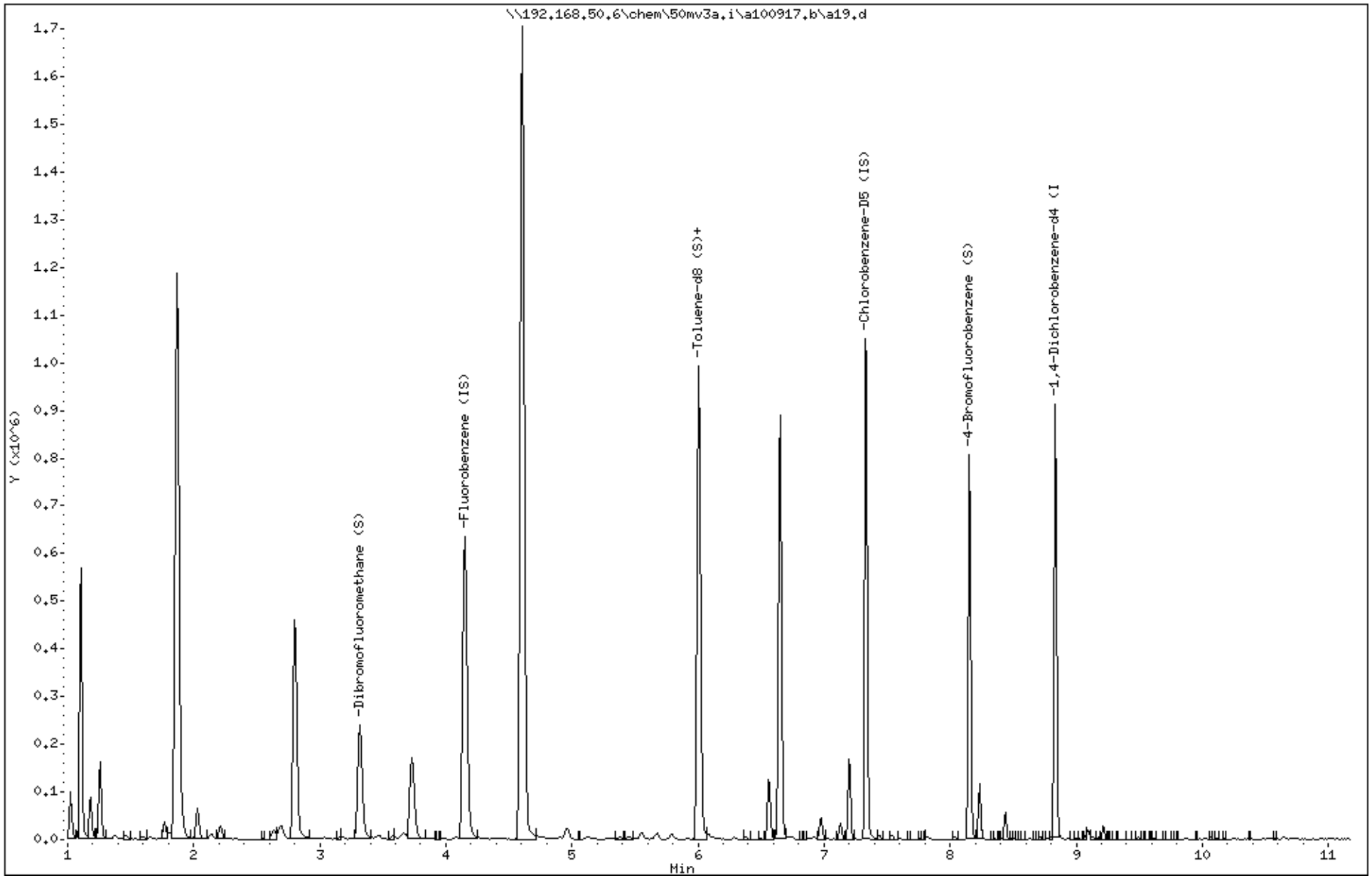
Q - Qualifier signal failed the ratio test.

QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d
Date : 09-OCT-2017 20:22
Client ID: MW-0604-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760007x25
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

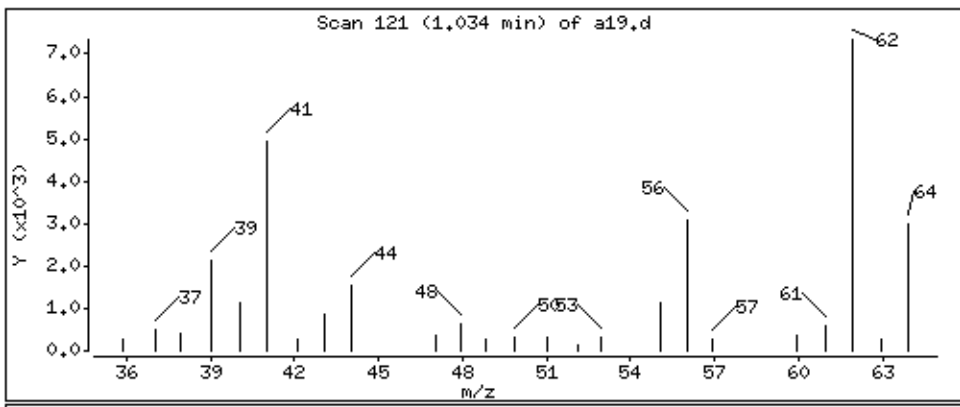
Column phase: DB-624

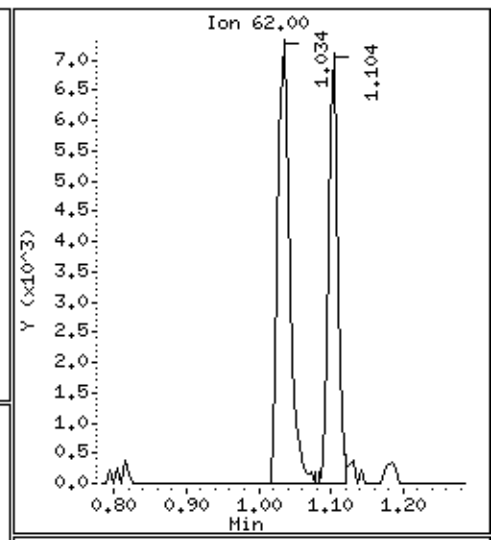
Column diameter: 0.18

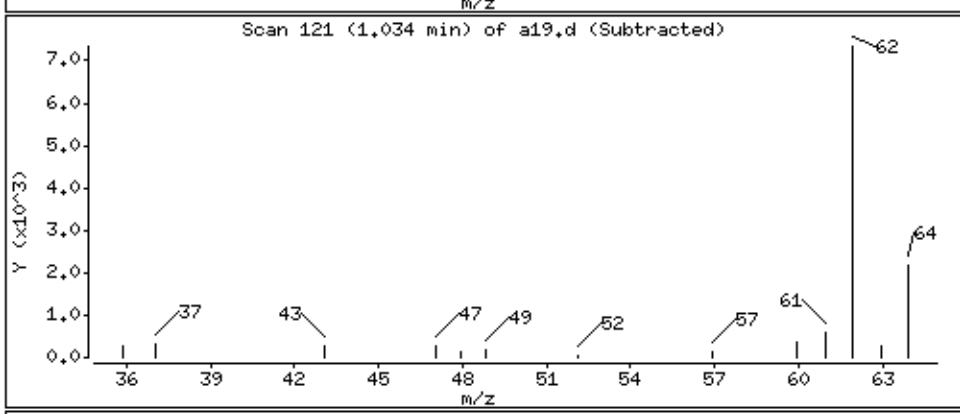
3 Vinyl Chloride

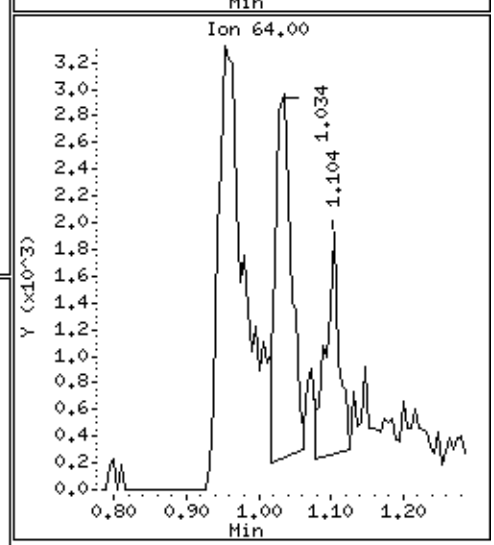
Concentration: 38.8 ppb

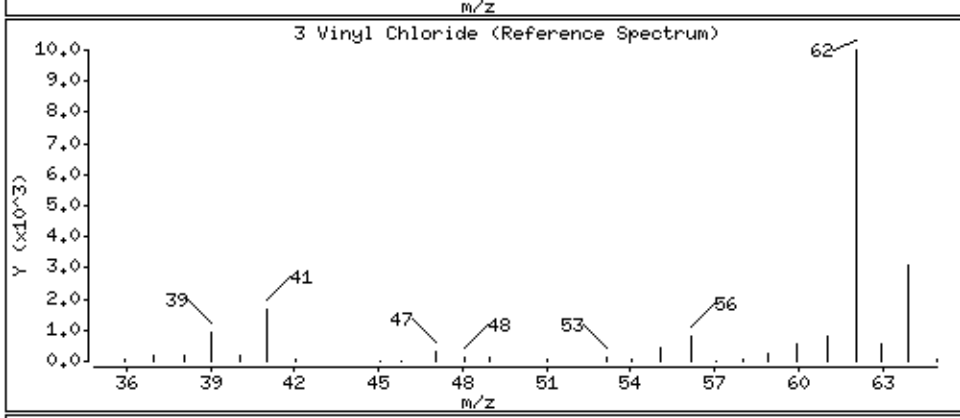
Review Code:

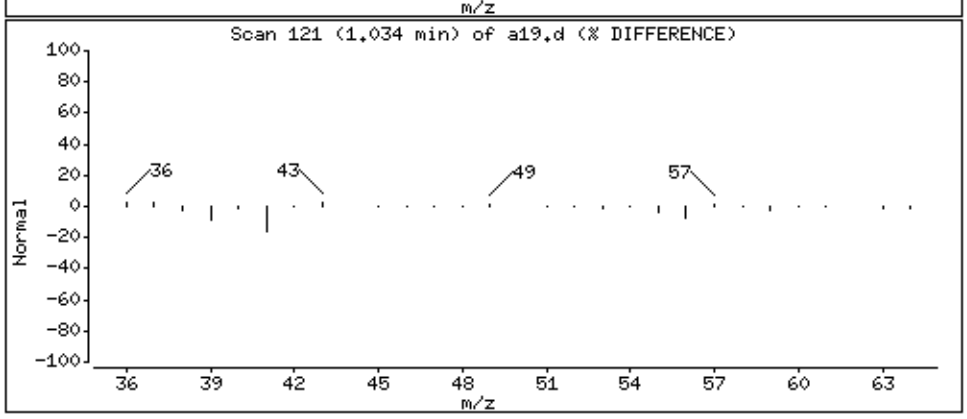












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

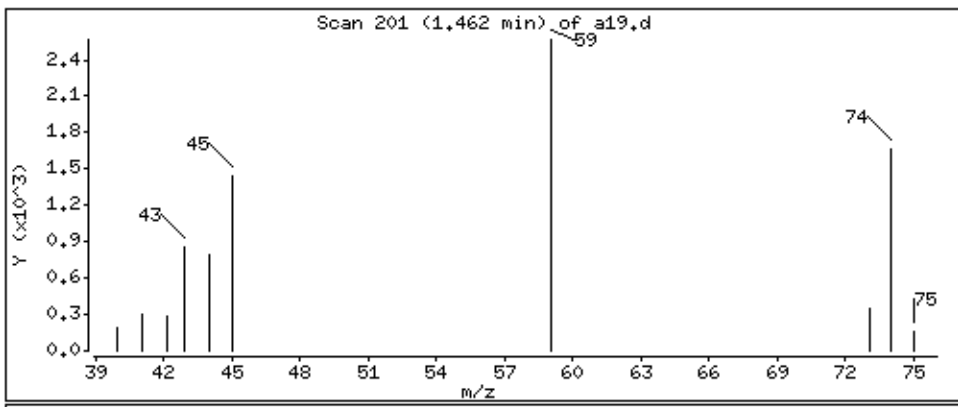
Column phase: DB-624

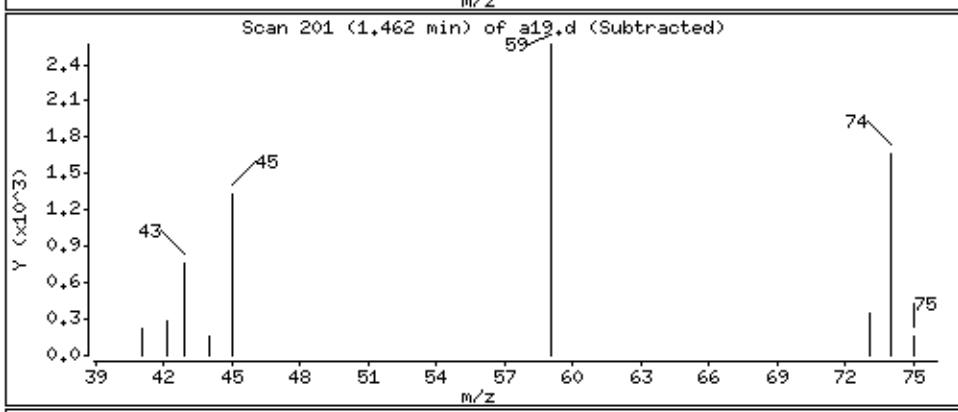
Column diameter: 0.18

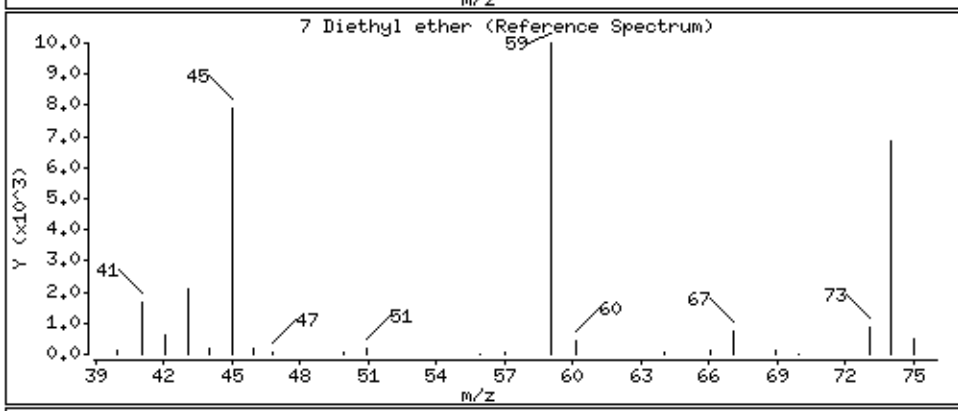
7 Diethyl ether

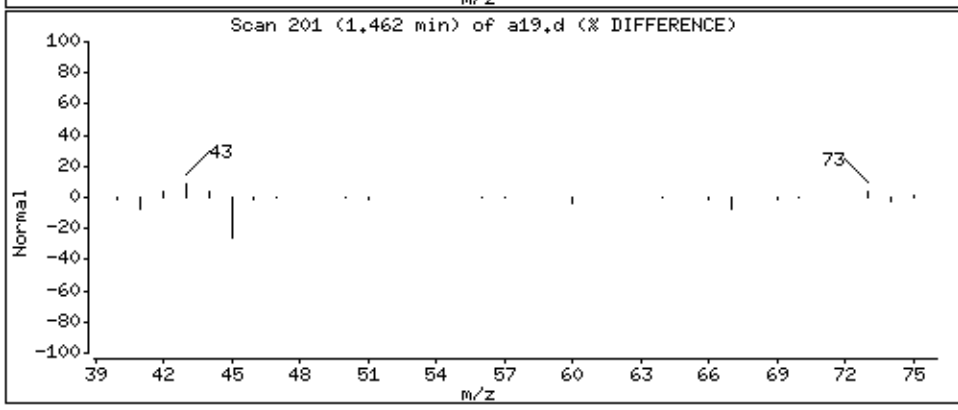
Concentration: 26.8 ppb

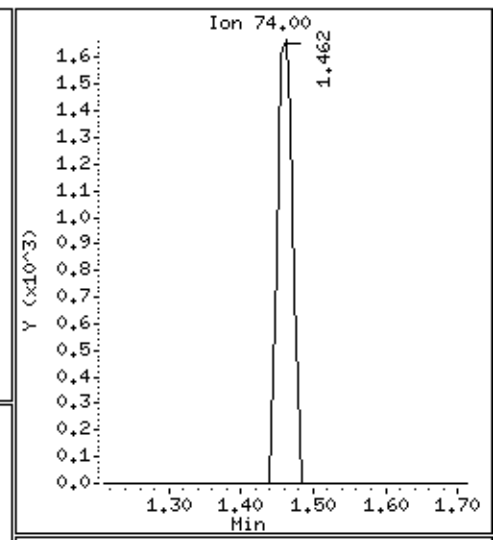
Review Code:

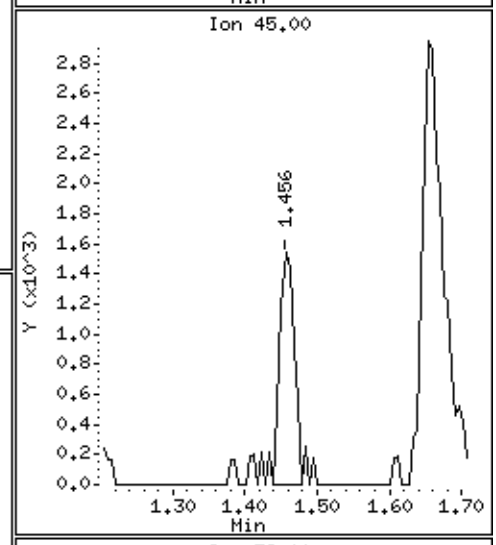


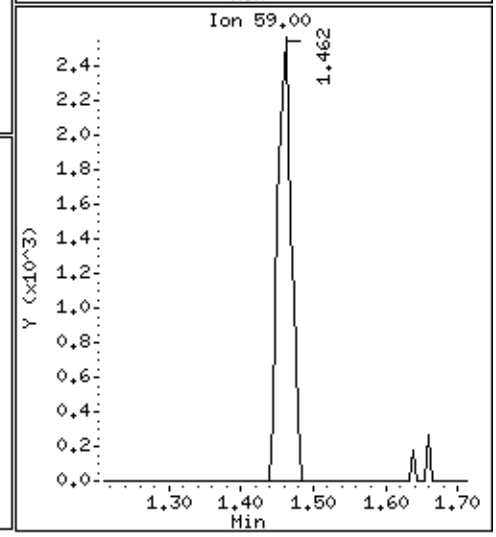












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

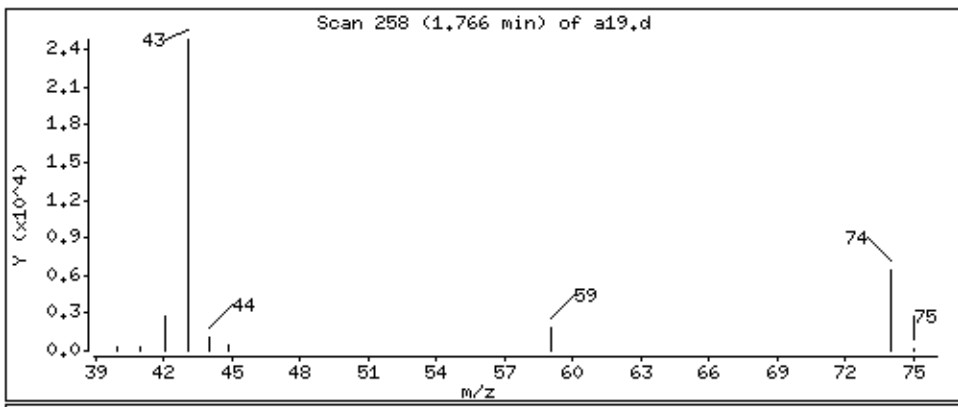
Column phase: DB-624

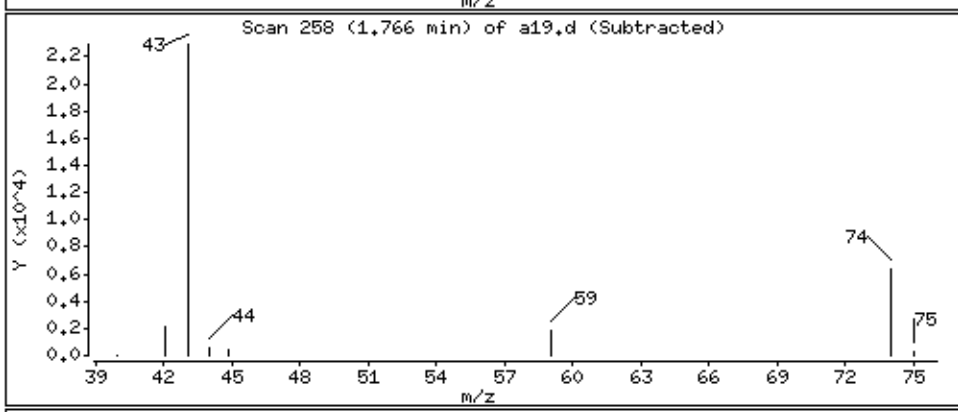
Column diameter: 0.18

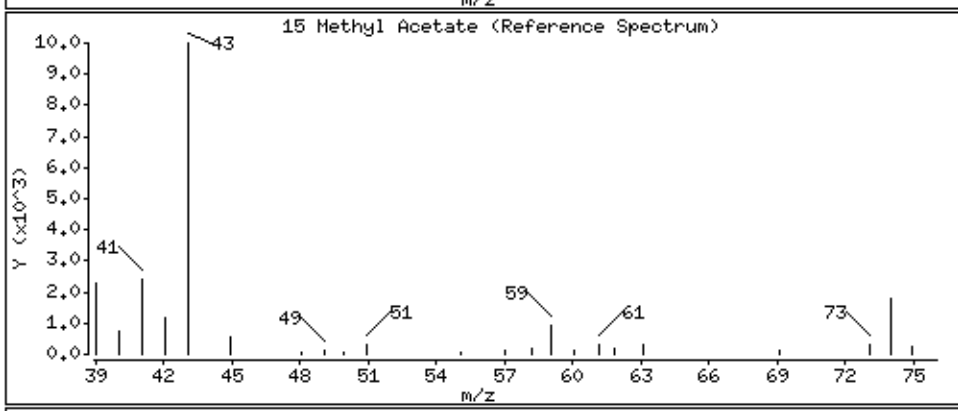
15 Methyl Acetate

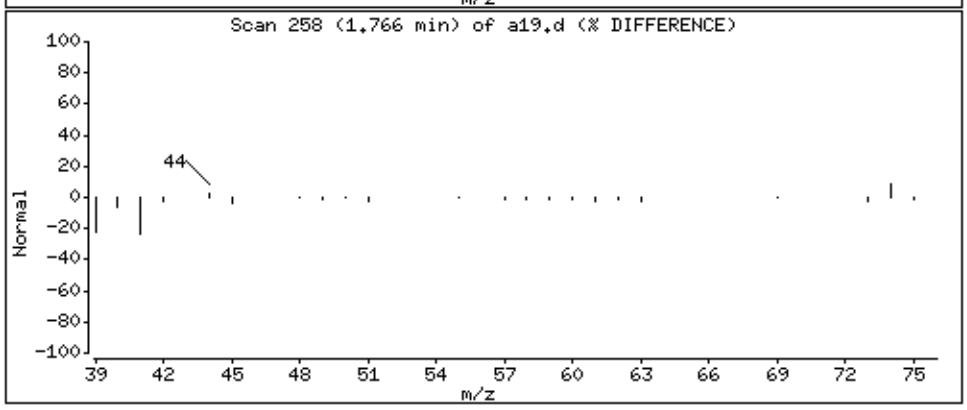
Concentration: 627 ppb

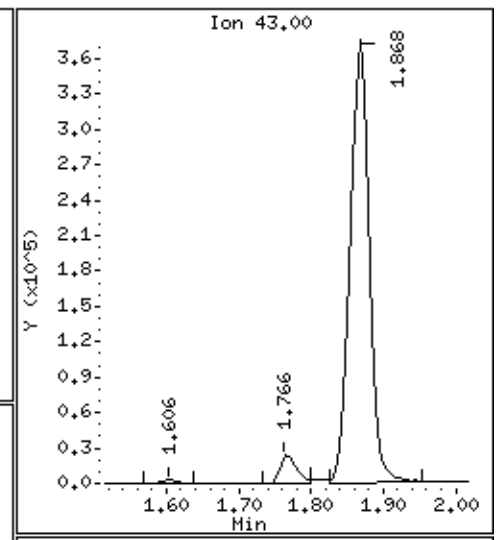
Review Code:

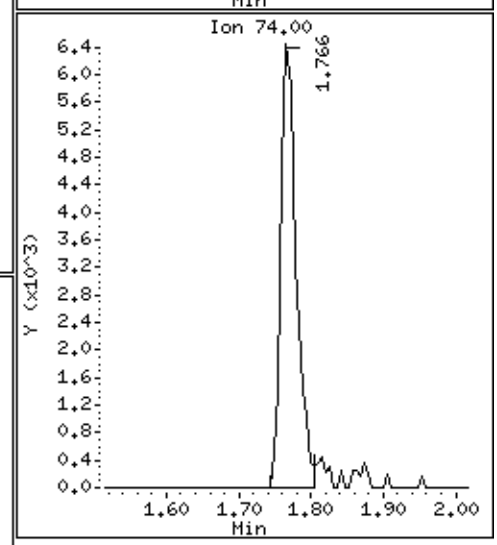












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

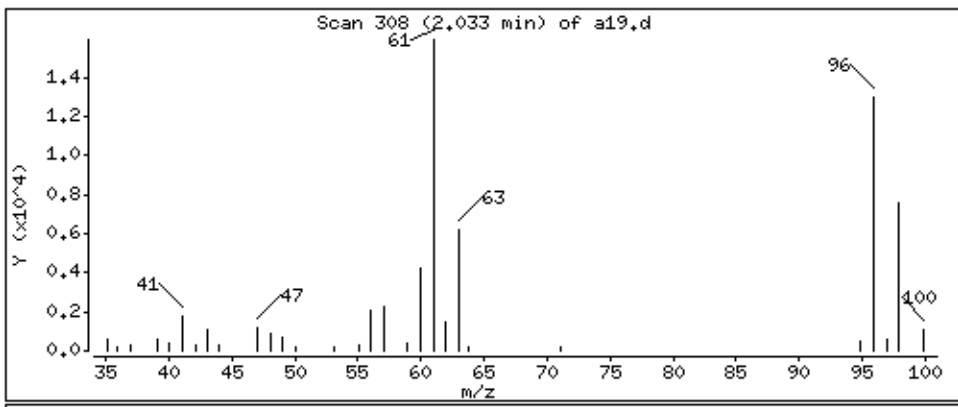
Column phase: DB-624

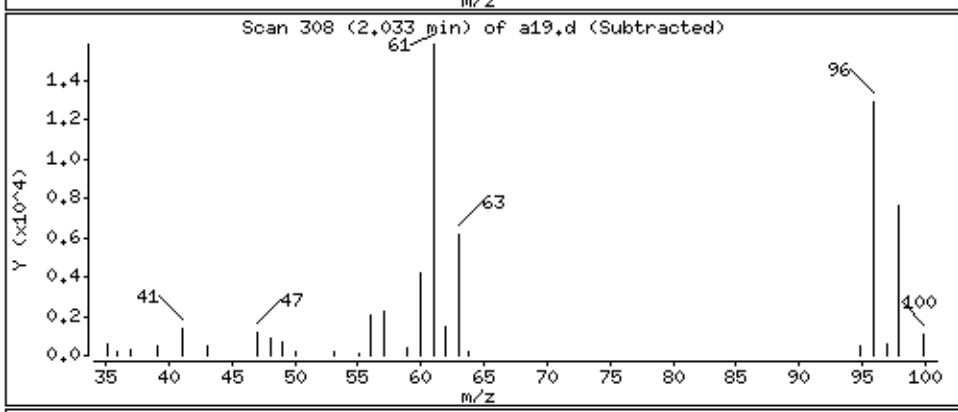
Column diameter: 0.18

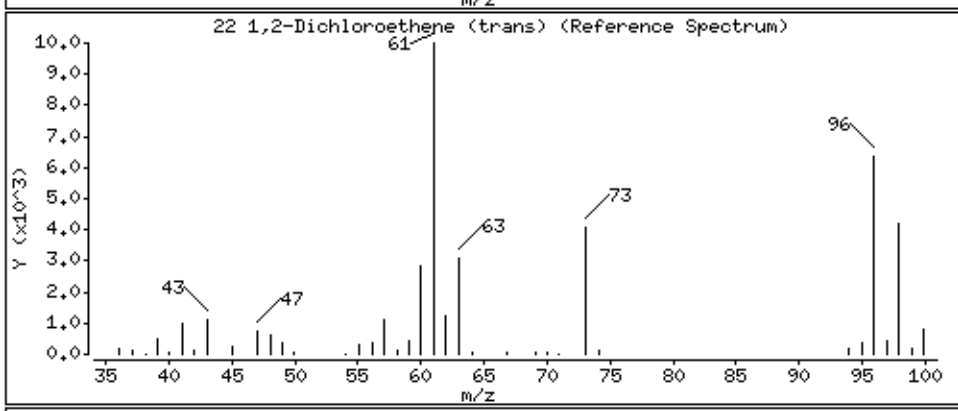
22 1,2-Dichloroethene (trans)

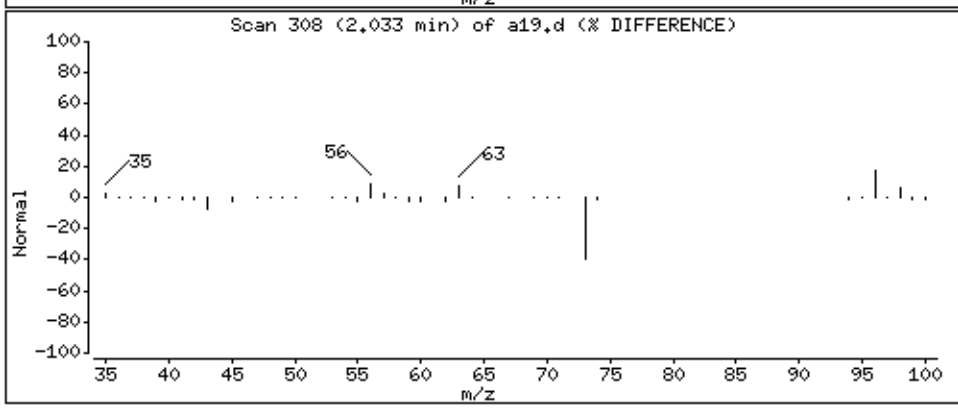
Concentration: 111 ppb

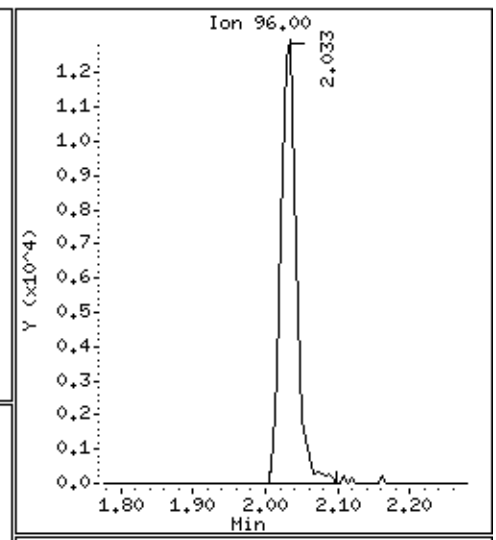
Review Code:

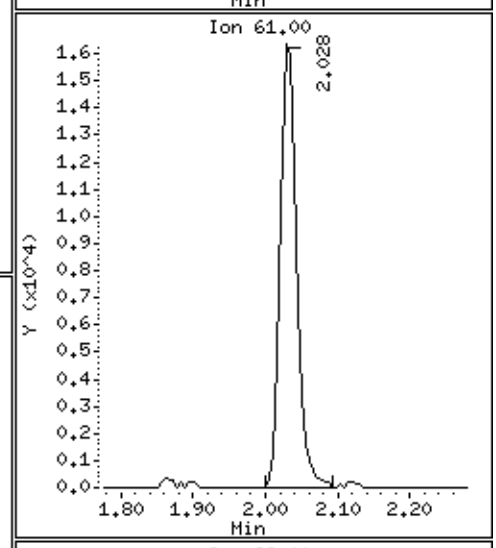


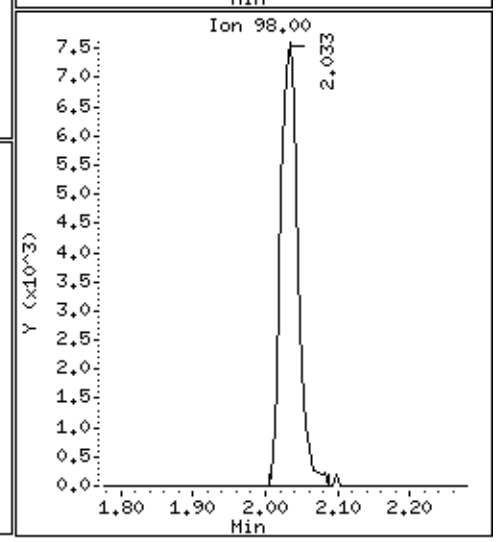












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

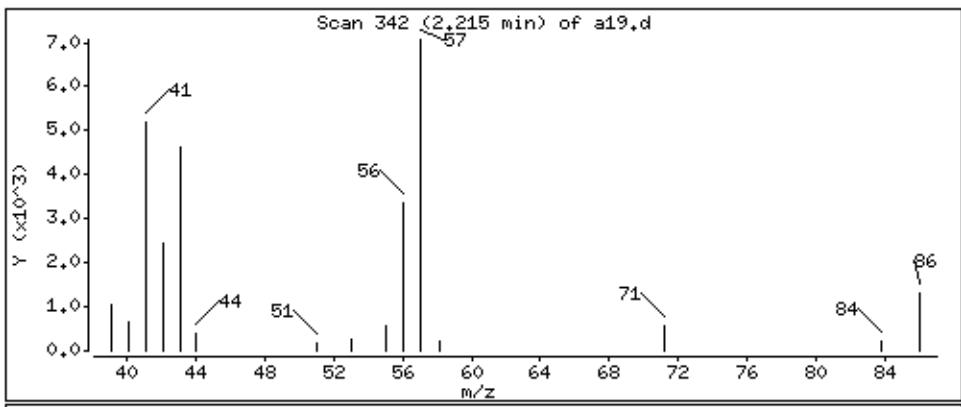
Column phase: DB-624

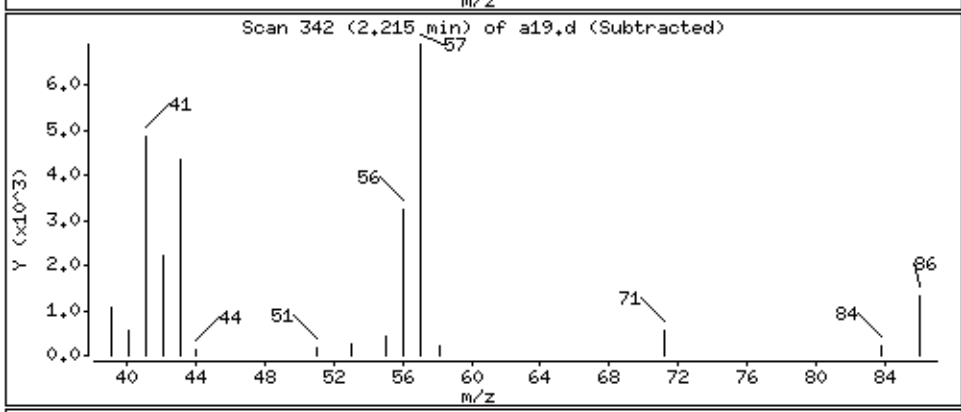
Column diameter: 0.18

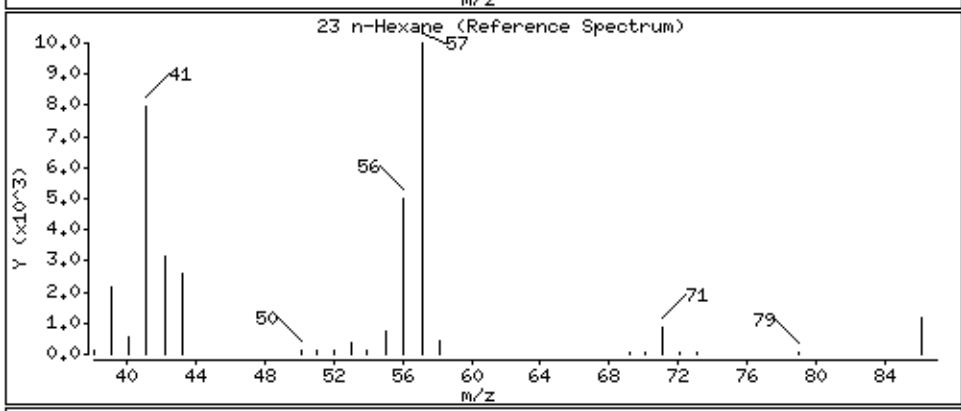
23 n-Hexane

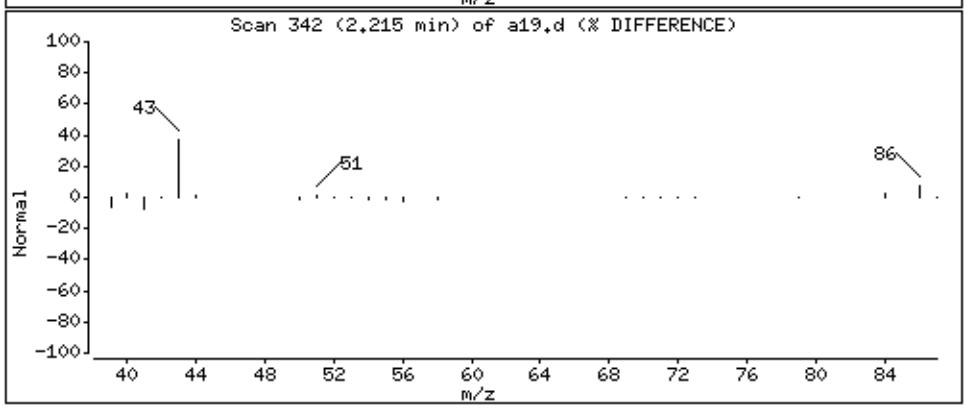
Concentration: 35.1 ppb

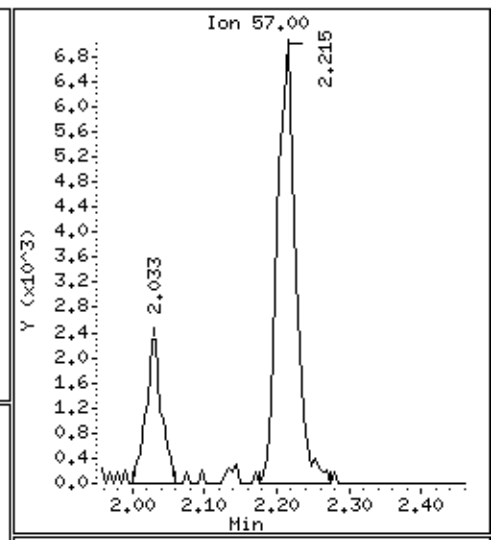
Review Code:

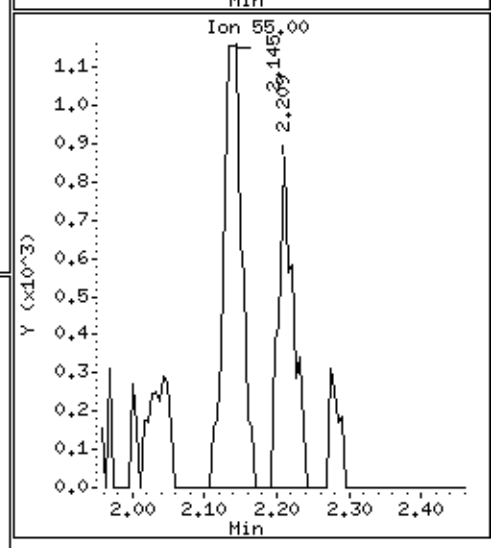












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

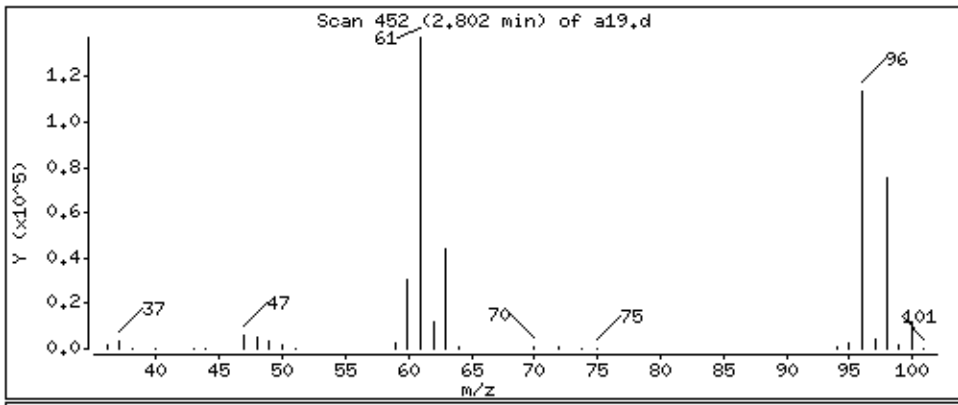
Column phase: DB-624

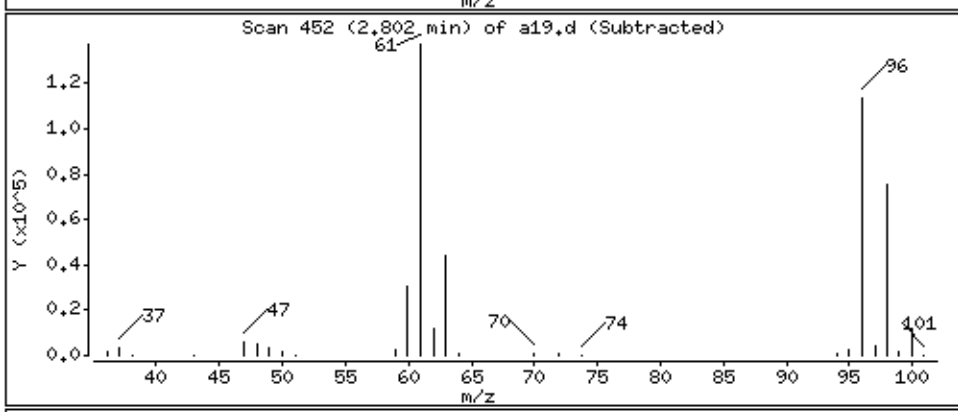
Column diameter: 0.18

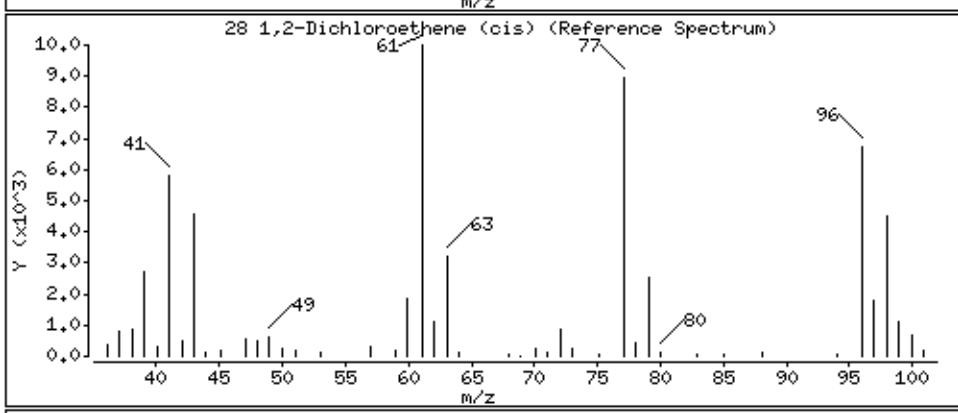
28 1,2-Dichloroethene (cis)

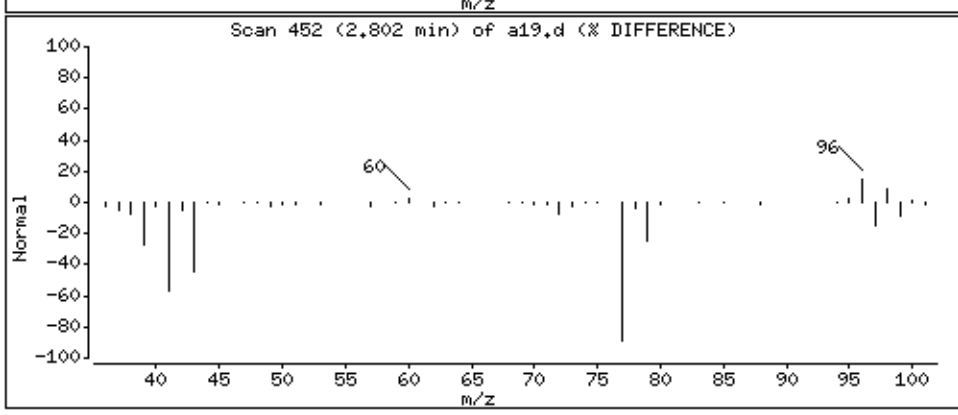
Concentration: 1260 ppb

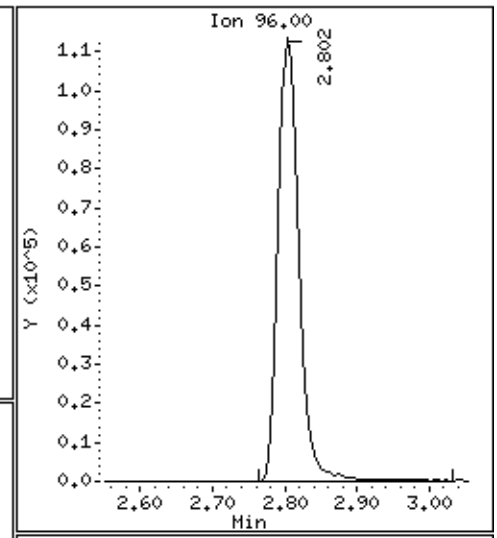
Review Code:

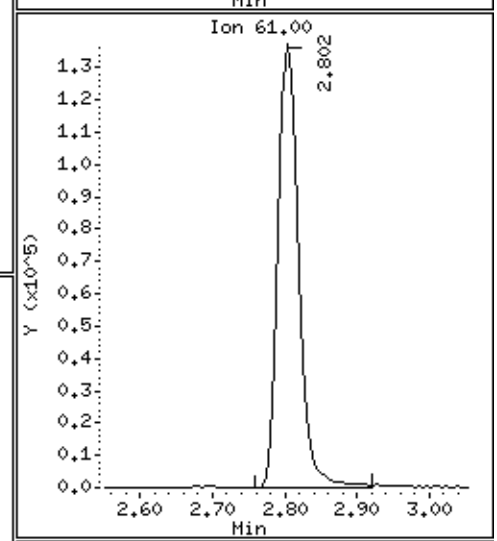


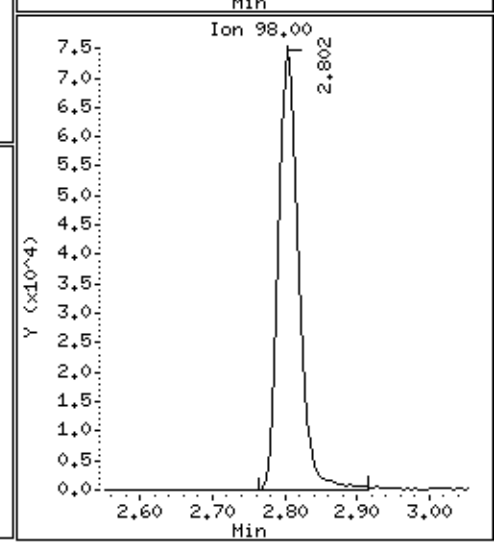












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

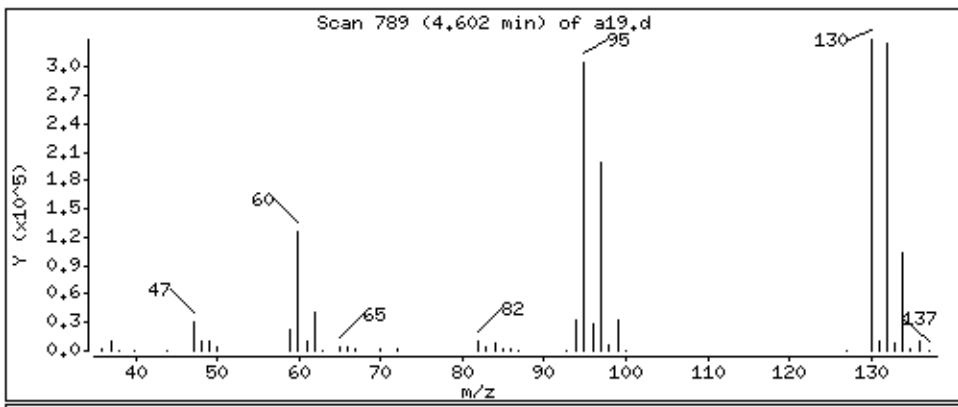
Column phase: DB-624

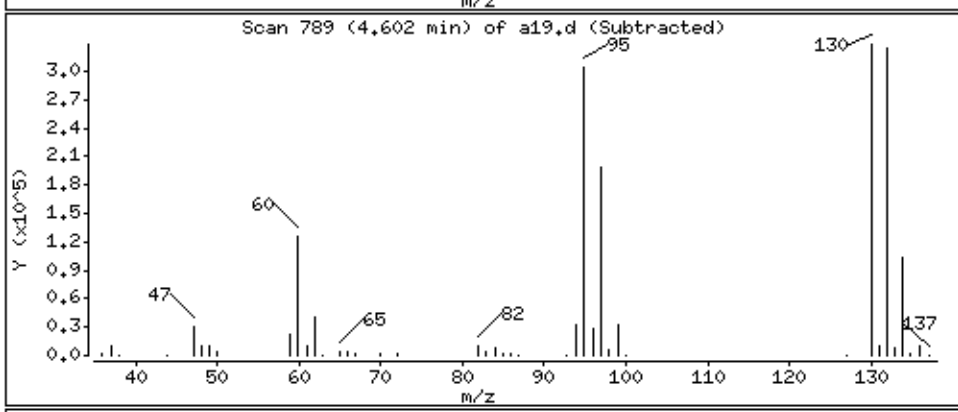
Column diameter: 0.18

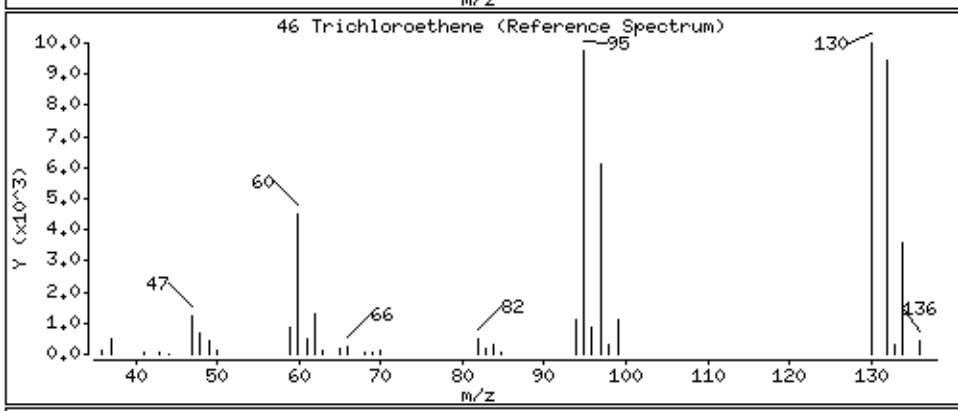
46 Trichloroethene

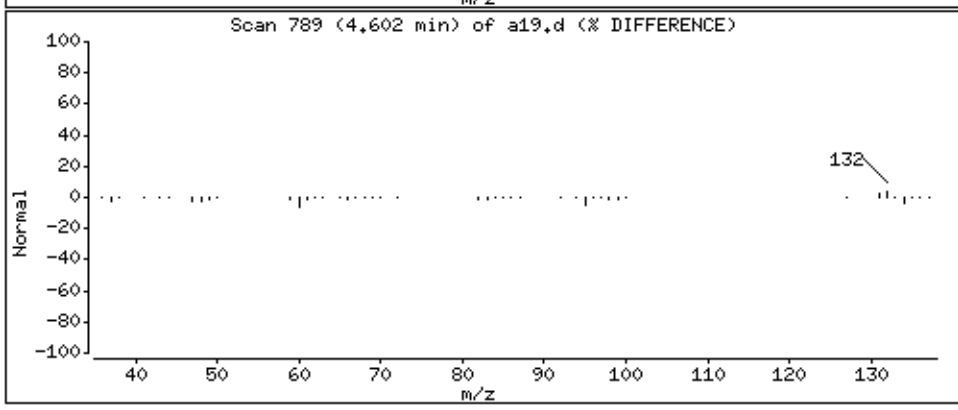
Concentration: 3870 ppb

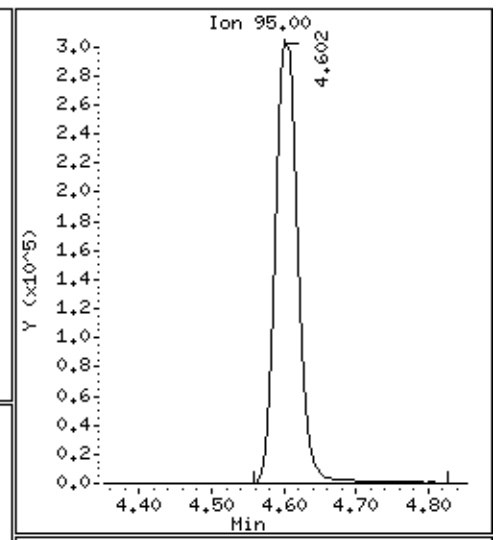
Review Code:

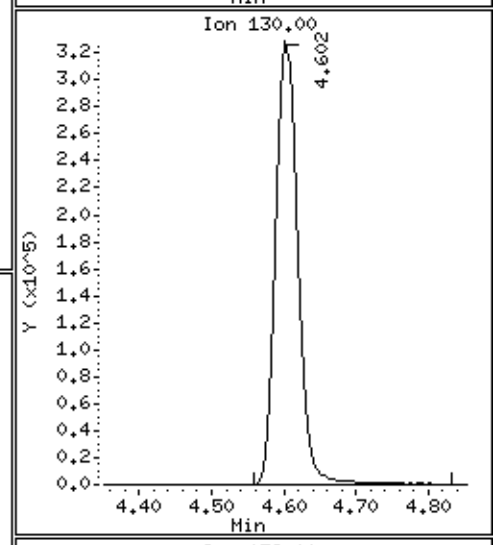


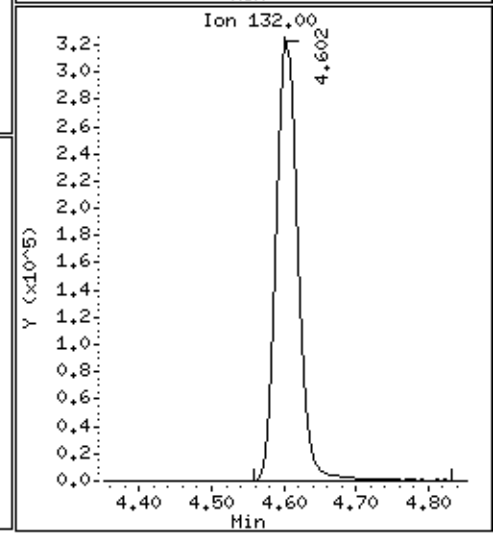












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

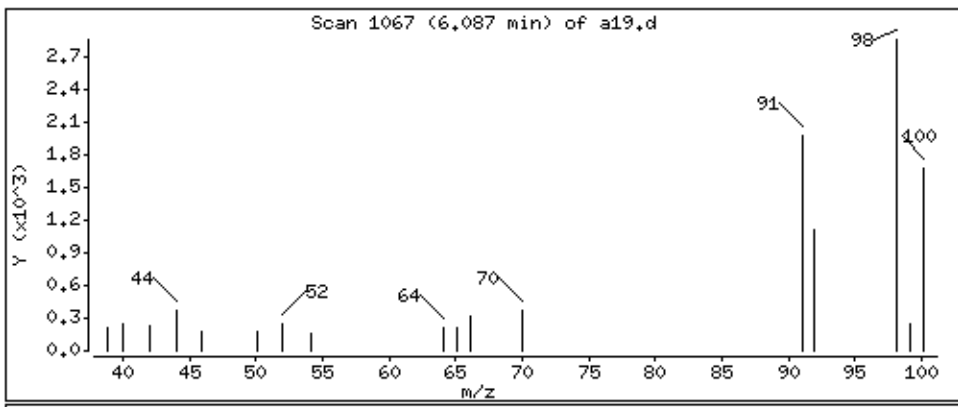
Column phase: DB-624

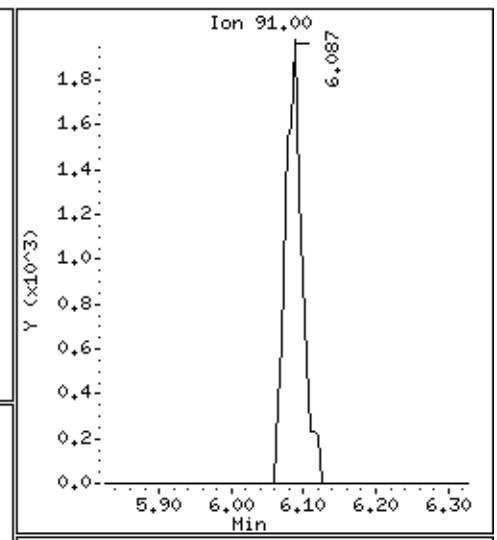
Column diameter: 0.18

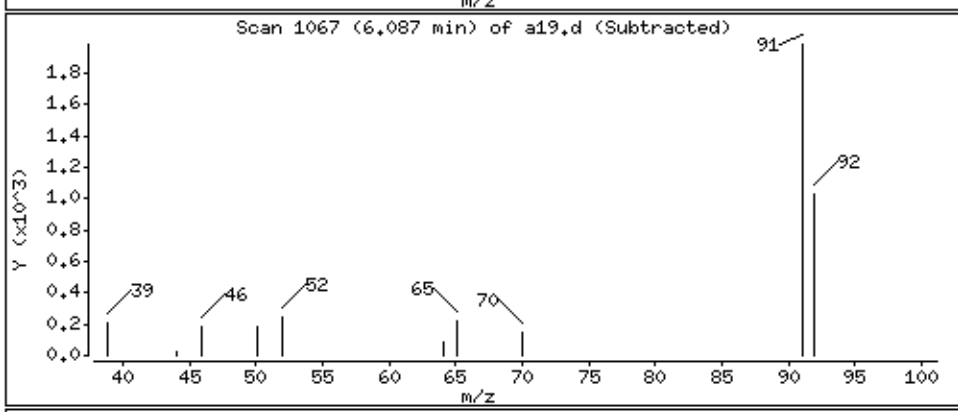
57 Toluene

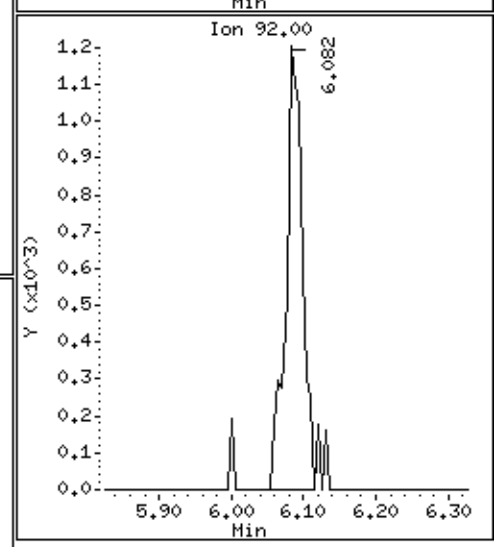
Concentration: 4.66 ppb

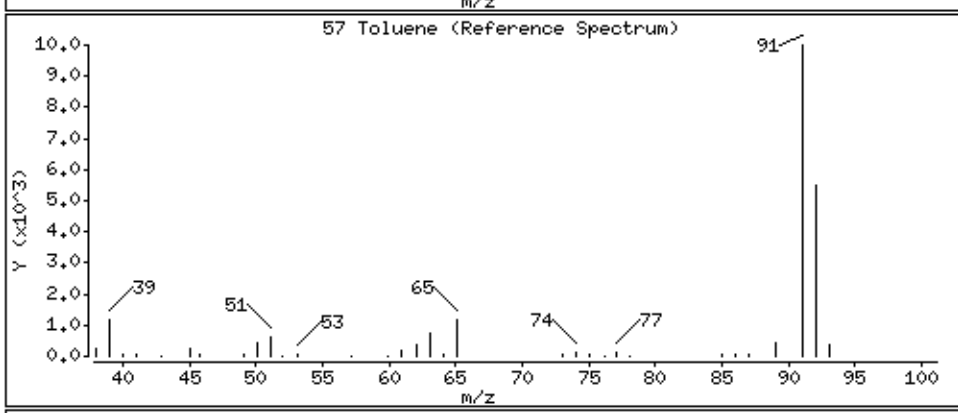
Review Code:

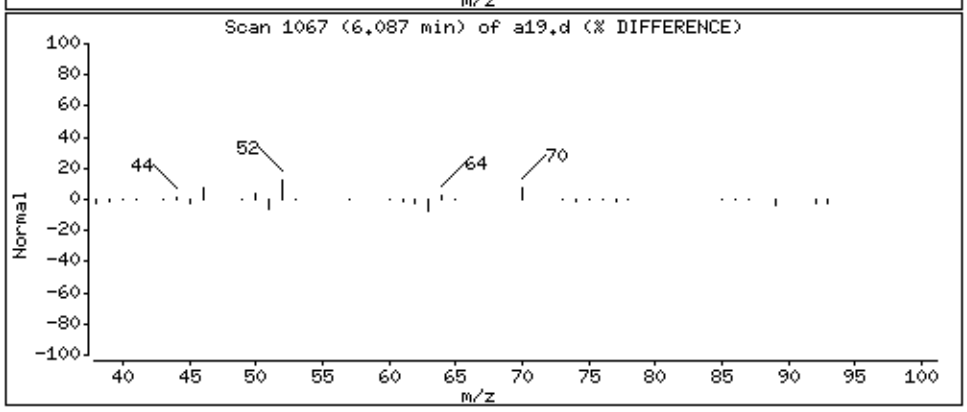












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

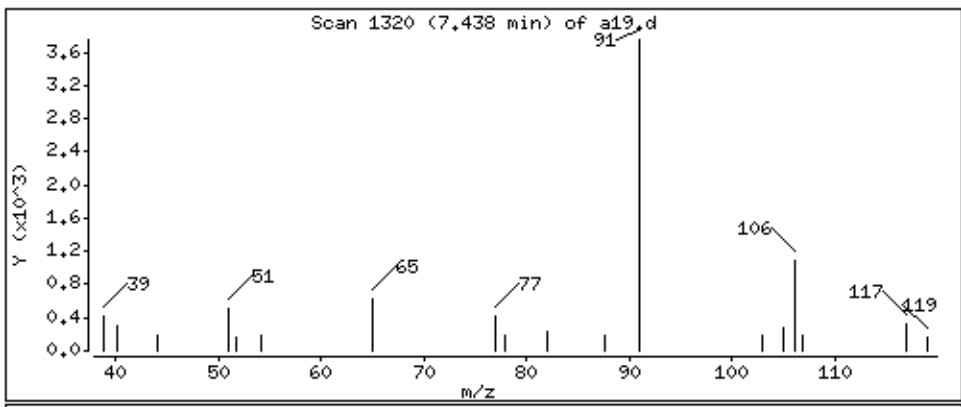
Column phase: DB-624

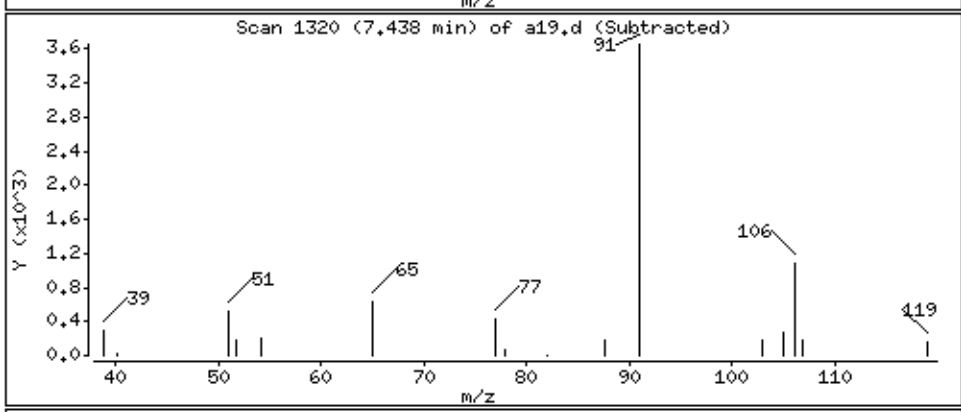
Column diameter: 0.18

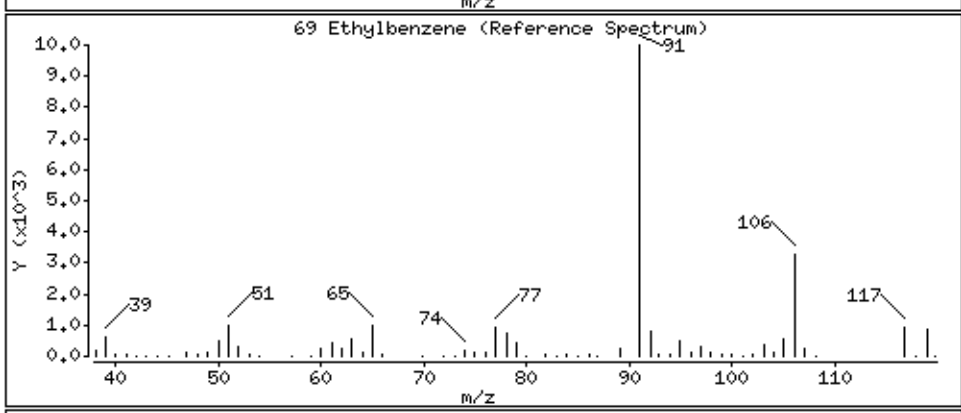
69 Ethylbenzene

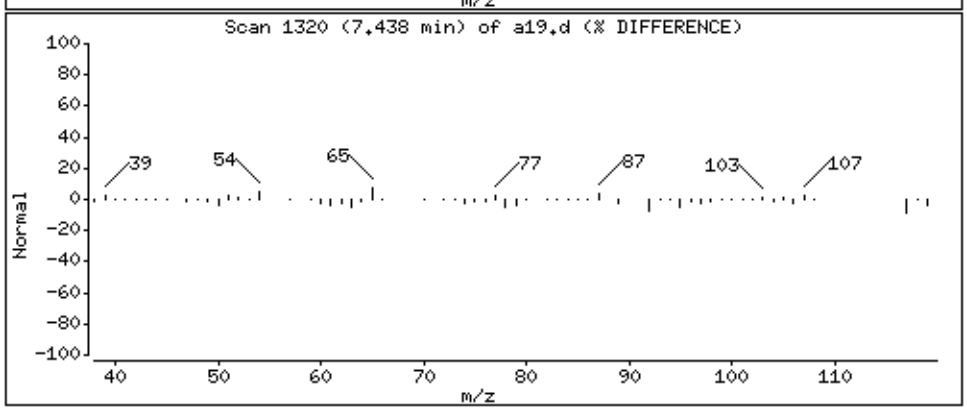
Concentration: 6.03 ppb

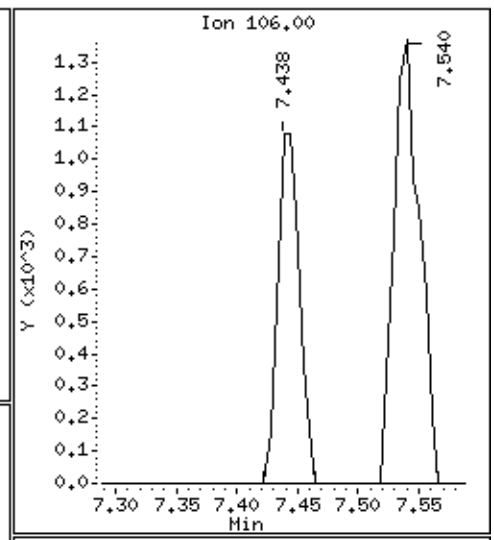
Review Code:

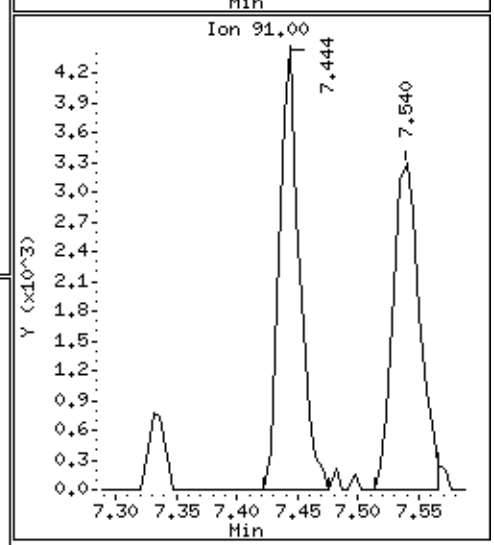












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a19.d

Date : 09-OCT-2017 20:22

Client ID: MW-0604-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760007x25

Purge Volume: 5.0

Operator: jlz

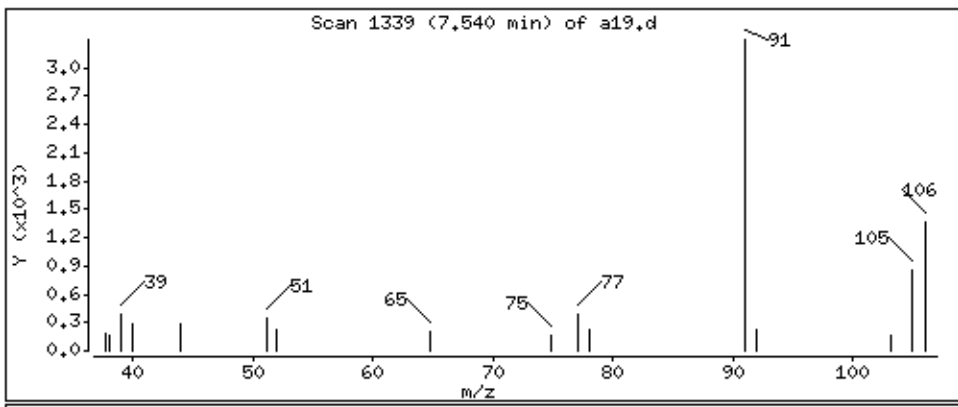
Column phase: DB-624

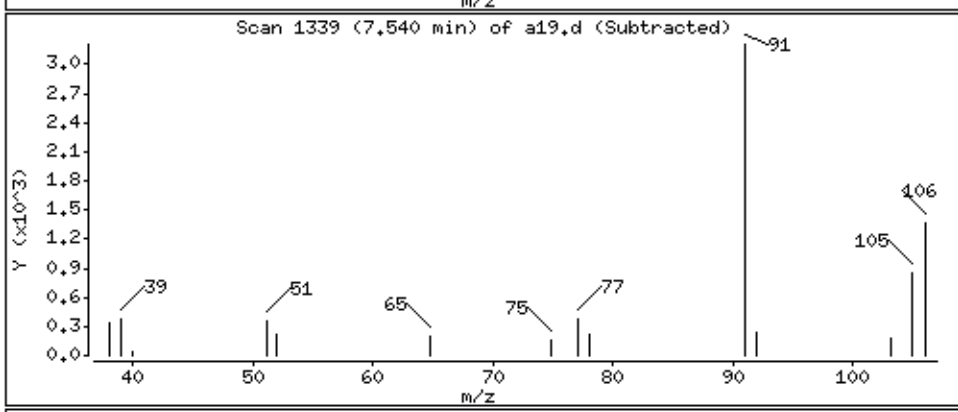
Column diameter: 0.18

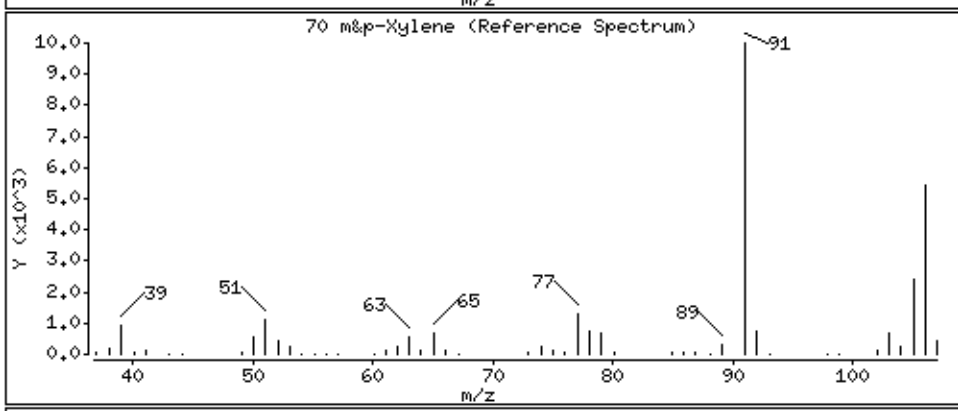
70 m&p-Xylene

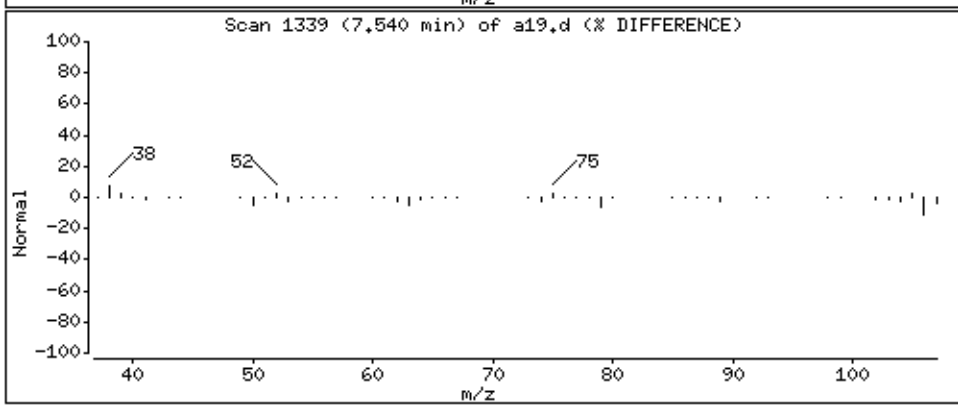
Concentration: 7.78 ppb

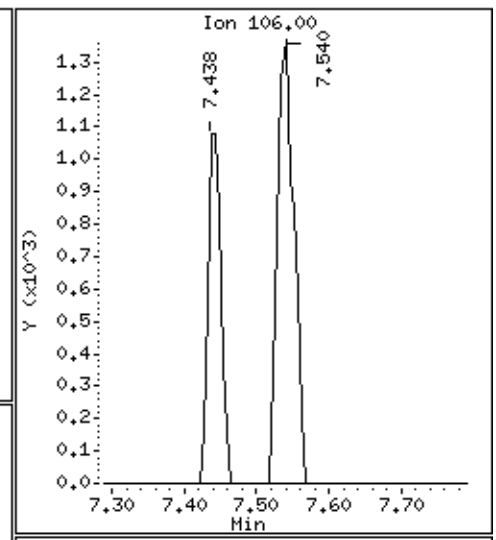
Review Code:

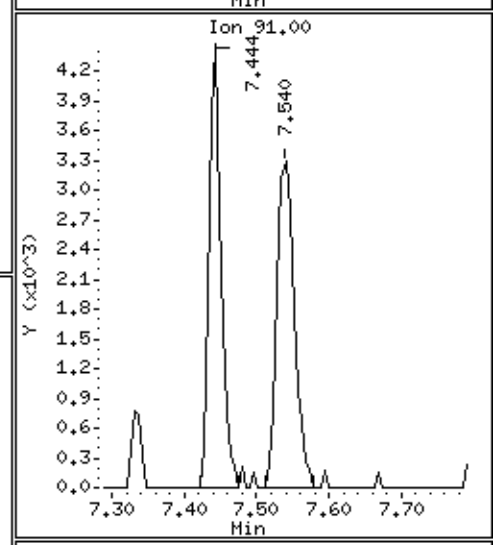


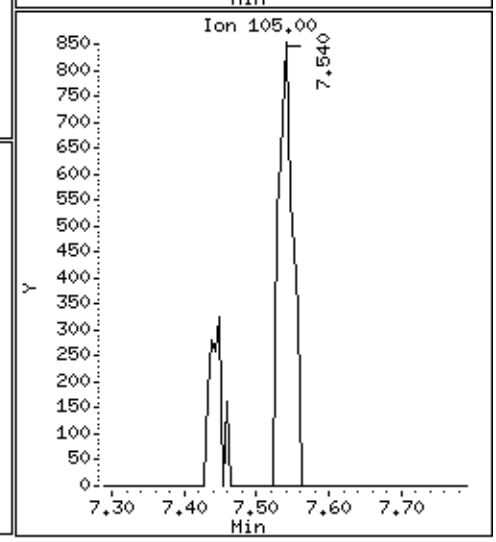












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/a19.d
Injection Date: 09-OCT-2017 20:22
Instrument: 50mv3a.i
Lab Sample ID: 50180760007
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0504-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:20 Lab Sample ID: 50180760008

Date Analyzed: 10/06/2017 05:20 Lab File ID: A100517.B\C14.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	714	
156-60-5	trans-1,2-Dichloroethene	108	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0504-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:20 Lab Sample ID: 50180760008

Date Analyzed: 10/06/2017 05:20 Lab File ID: A100517.B\C14.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	13.3	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d
Lab Smp Id: 50180760008 Client Smp ID: MW-0504-S1 (092717)
Inj Date : 06-OCT-2017 05:20
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760008x5
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 75
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.034	1.033	(0.249)	13370	2.65893	13.3	
	7 Diethyl ether	74	1.462	1.460	(0.352)	2108	0.98086	4.90	
	11 1,1-Dichloroethene	96	1.590	1.588	(0.383)	2920	0.74964	3.75	
	22 1,2-Dichloroethene (trans)	96	2.028	2.026	(0.489)	89878	21.5432	108	
	28 1,2-Dichloroethene (cis)	96	2.802	2.806	(0.676)	629612	142.725	714(Q)	
$	35 Dibromofluoromethane (S)	113	3.320	3.319	(0.800)	171065	48.7413	48.7	
*	45 Fluorobenzene (IS)	96	4.148	4.152	(1.000)	710810	50.0000		
	46 Trichloroethene	95	4.602	4.606	(1.109)	1987256	481.512	2410	
$	56 Toluene-d8 (S)	98	6.007	6.006	(0.819)	652370	48.7130	48.7	
	57 Toluene	91	6.076	6.080	(0.828)	6664	0.39549	1.98	
*	66 Chlorobenzene-D5 (IS)	117	7.337	7.335	(1.000)	446375	50.0000		
	69 Ethylbenzene	106	7.444	7.437	(1.015)	3385	0.58462	2.92	
	70 m&p-Xylene	106	7.534	7.538	(1.027)	13451	2.02181	10.1	
	71 o-Xylene	106	7.801	7.800	(1.063)	4020	0.67243	3.36	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.111)	170968	46.5577	46.6	
	82 1,3,5-Trimethylbenzene	105	8.416	8.414	(0.953)	5540	0.48620	2.43	
	85 1,2,4-Trimethylbenzene	105	8.629	8.628	(0.977)	15101	1.39315	6.96	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	155298	50.0000		
	96 Naphthalene	128	9.997	9.990	(1.132)	2970	0.49898	2.49	

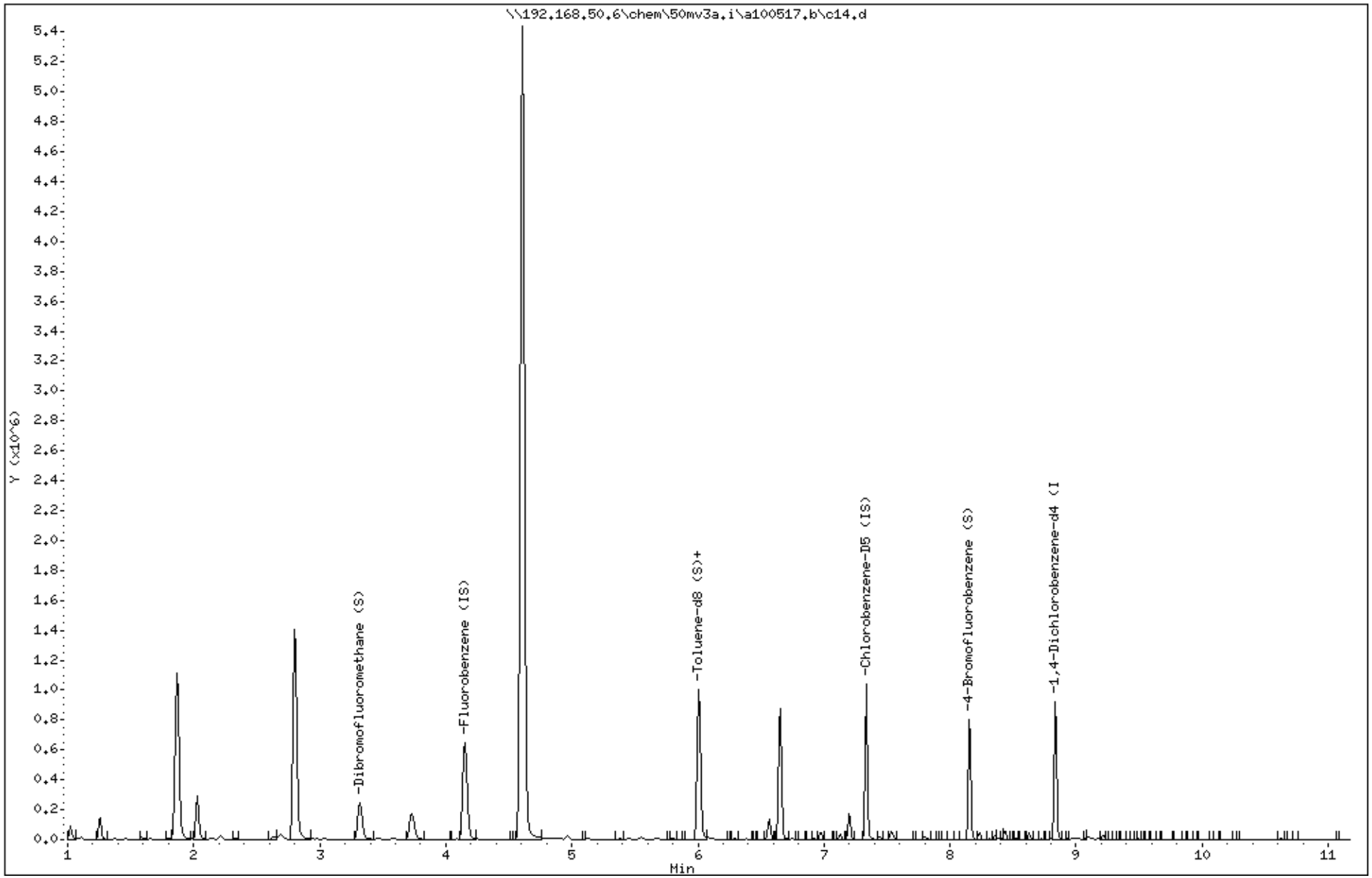
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d
Date : 06-OCT-2017 05:20
Client ID: MW-0504-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760008x5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

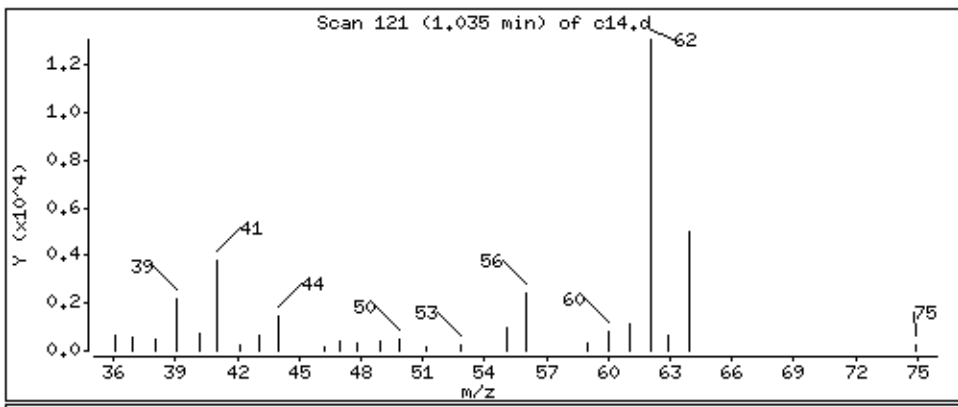
Column phase: DB-624

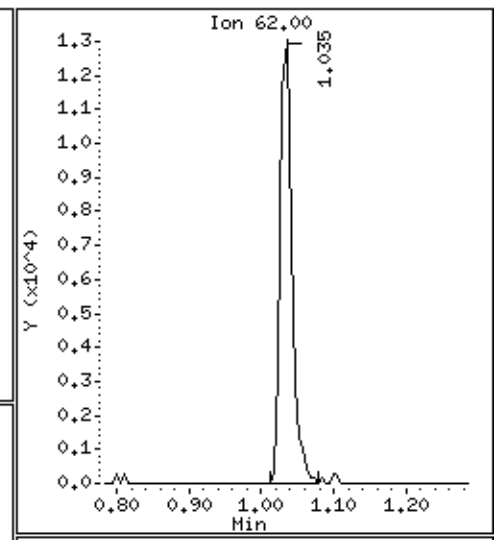
Column diameter: 0.18

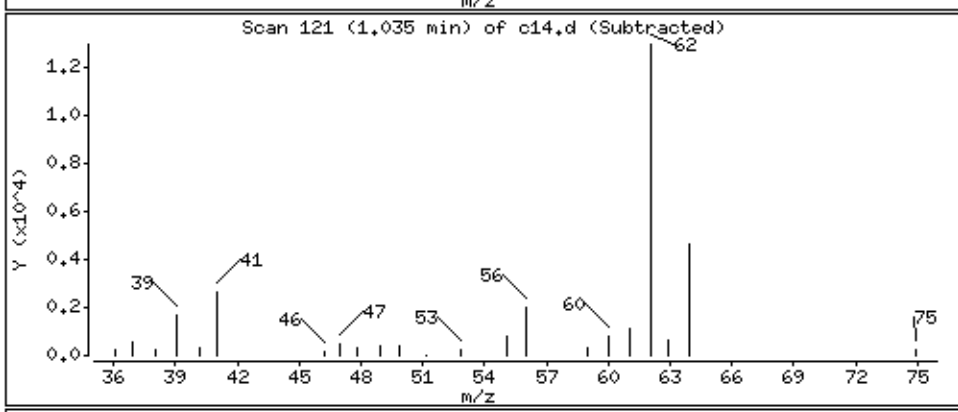
3 Vinyl Chloride

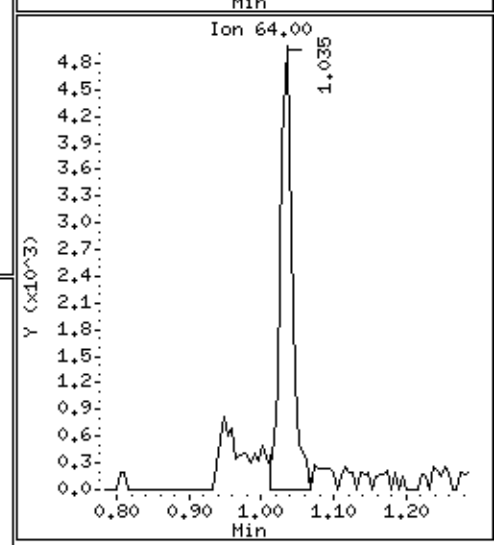
Concentration: 13.3 ppb

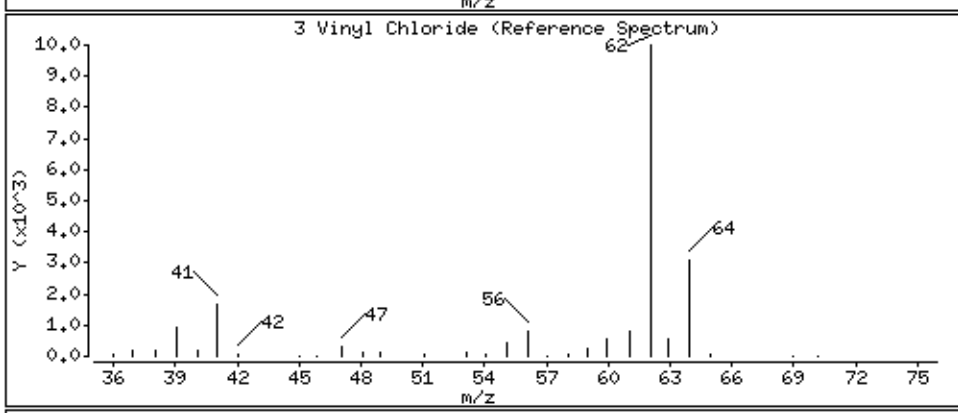
Review Code:

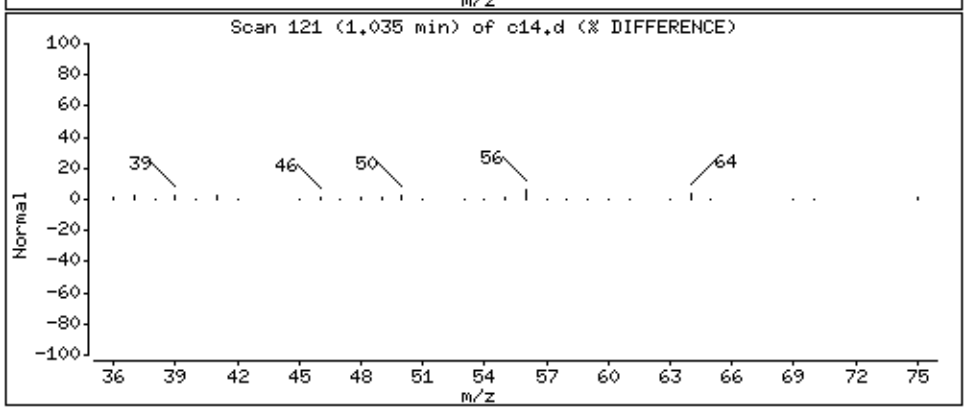












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Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

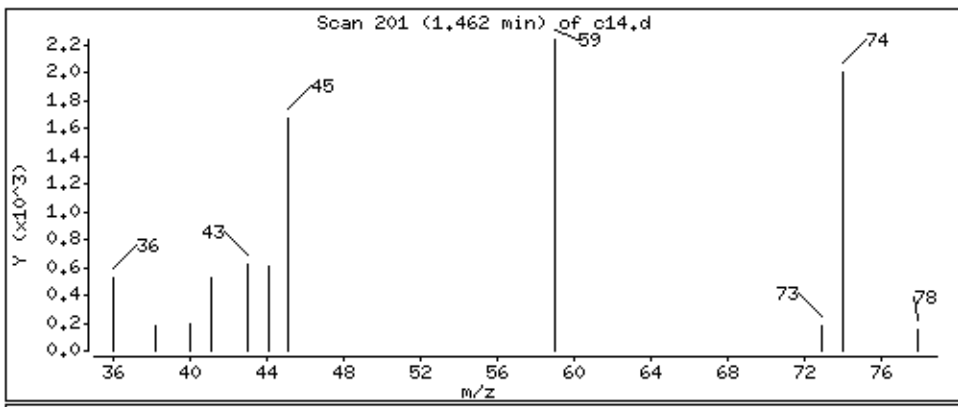
Column phase: DB-624

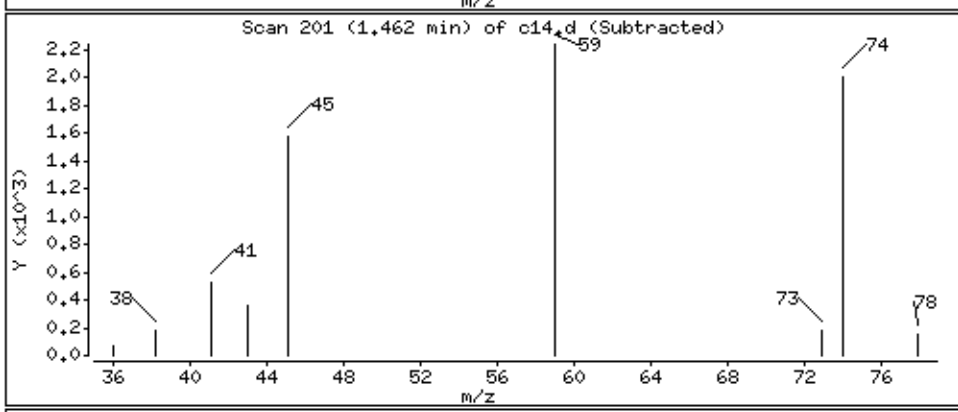
Column diameter: 0.18

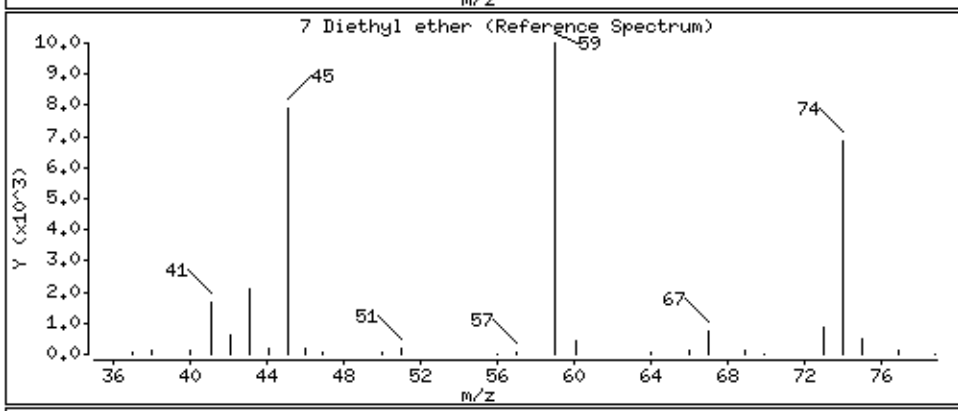
7 Diethyl ether

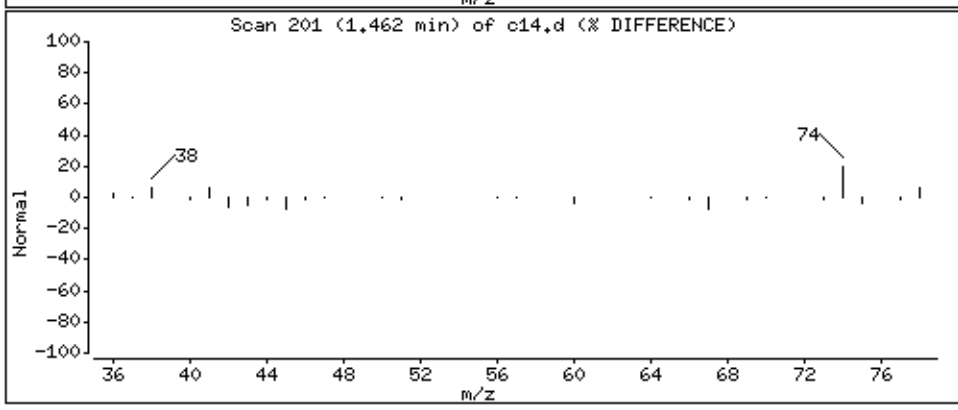
Concentration: 4.90 ppb

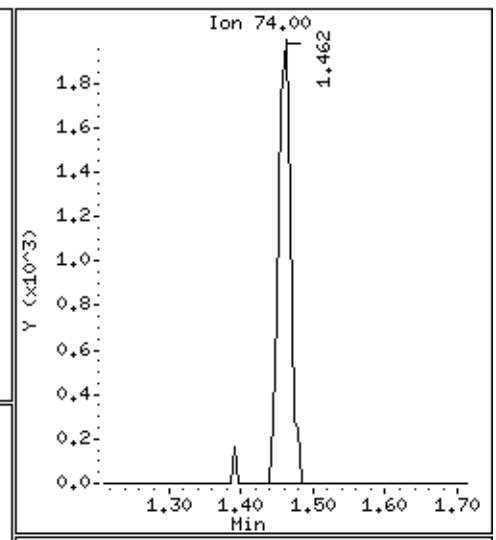
Review Code:

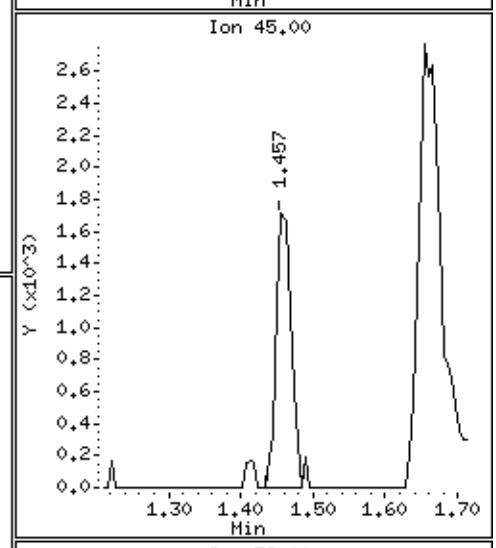


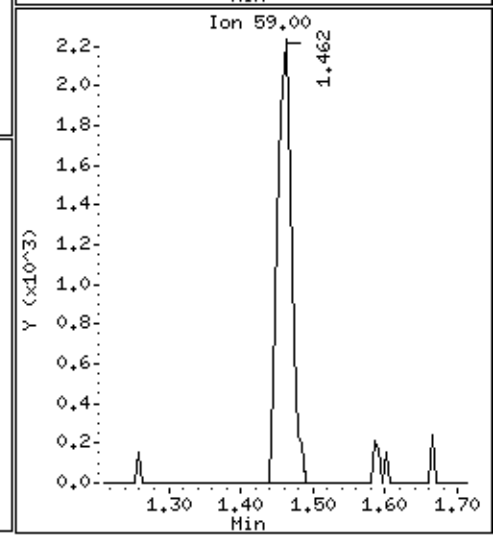












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

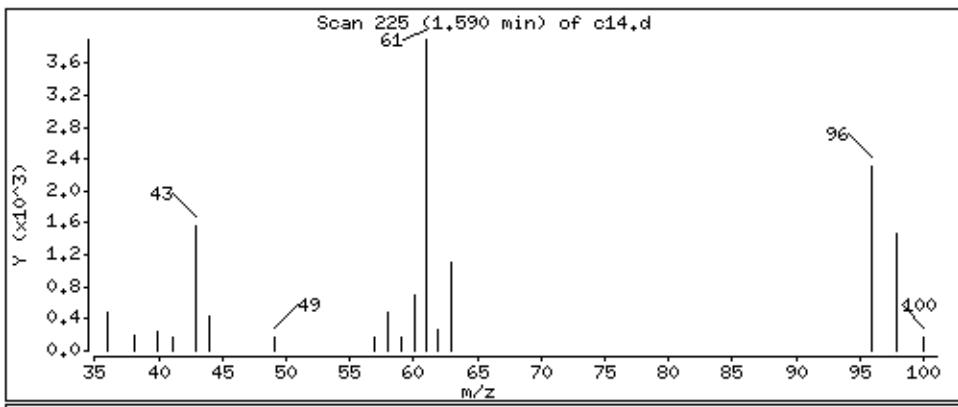
Column phase: DB-624

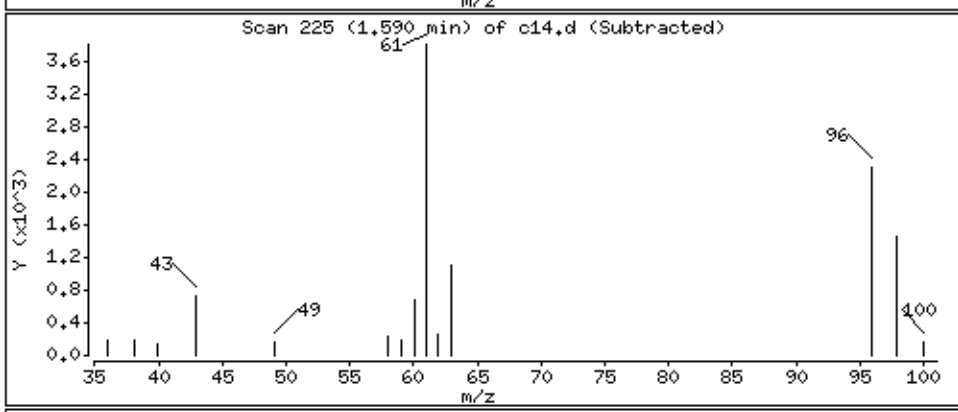
Column diameter: 0.18

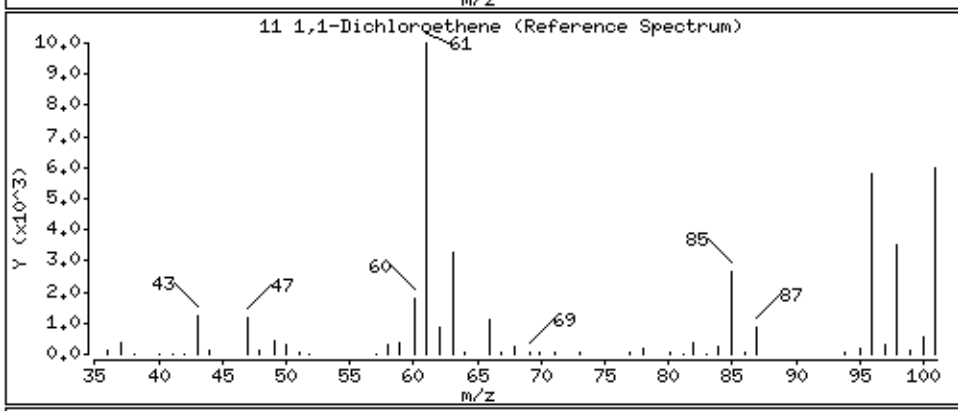
11 1,1-Dichloroethene

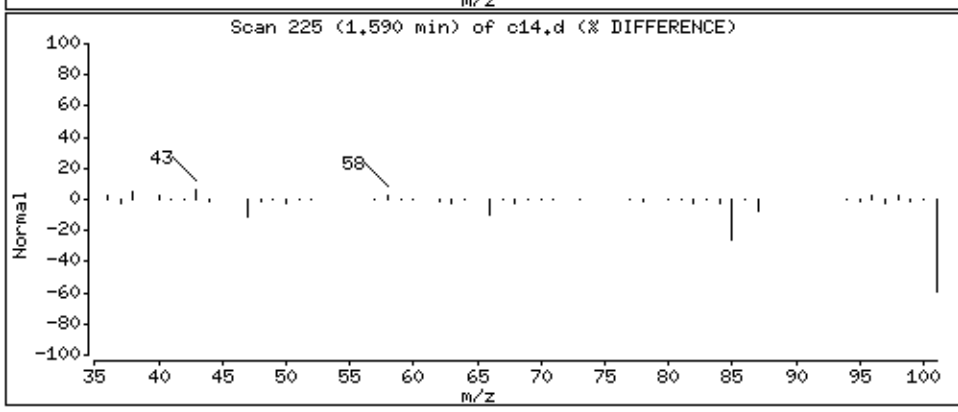
Concentration: 3.75 ppb

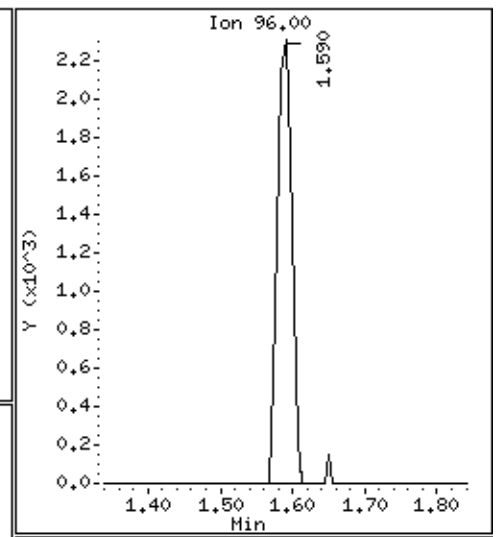
Review Code:

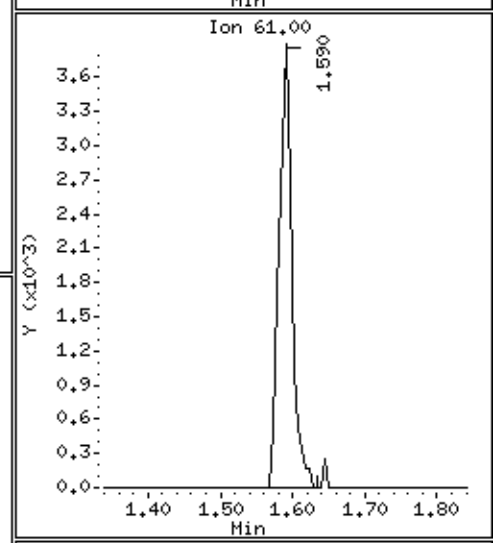


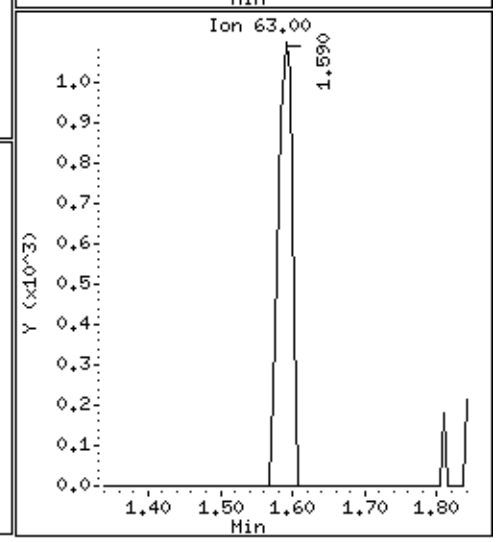












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

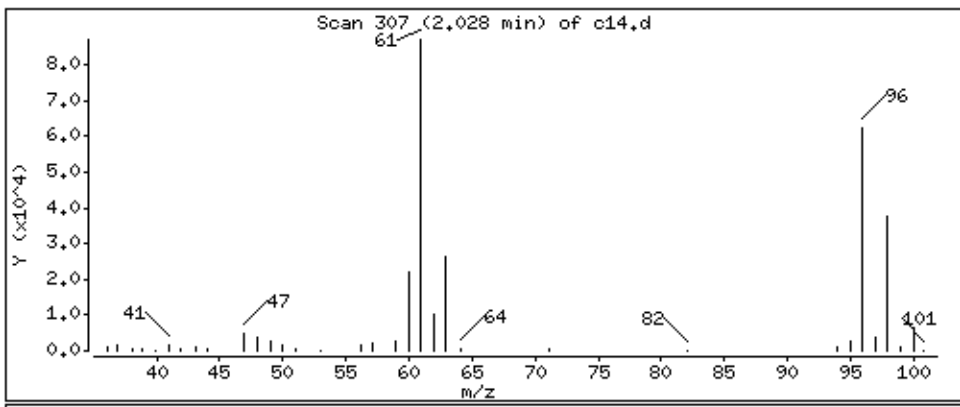
Column phase: DB-624

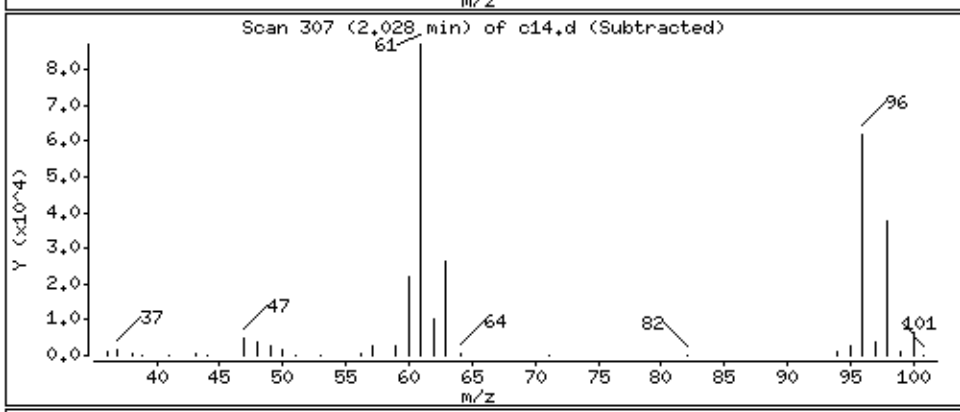
Column diameter: 0.18

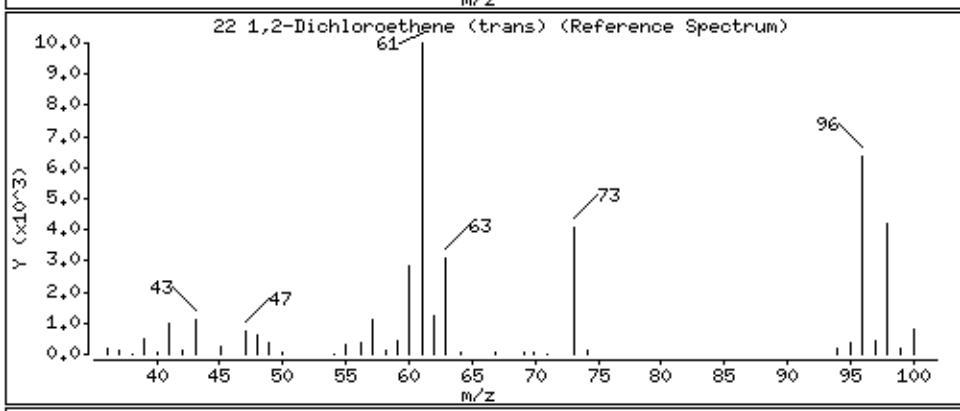
22 1,2-Dichloroethene (trans)

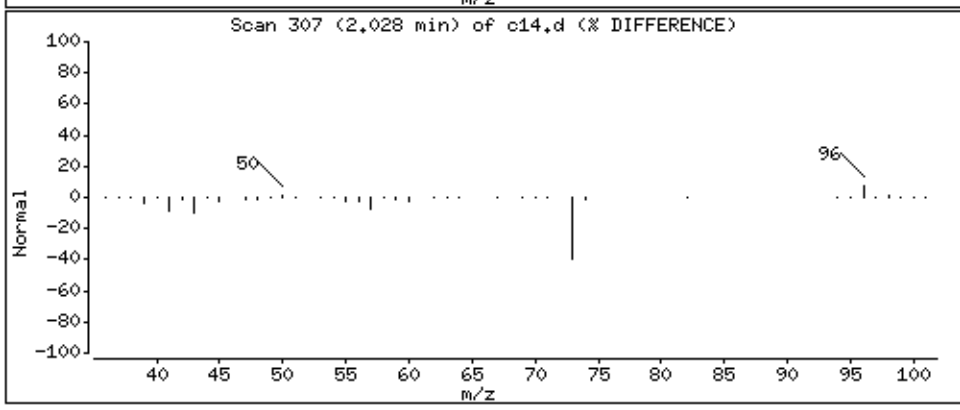
Concentration: 108 ppb

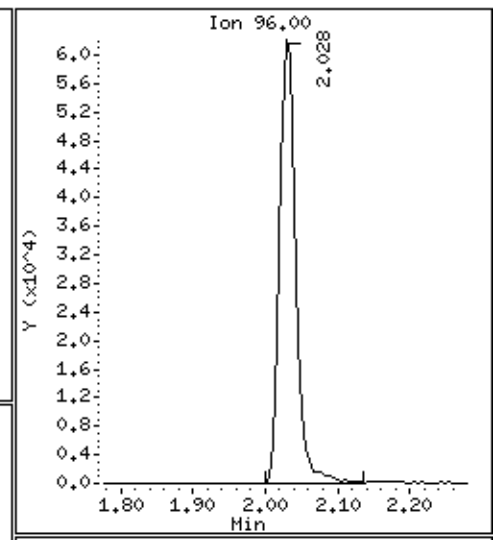
Review Code:

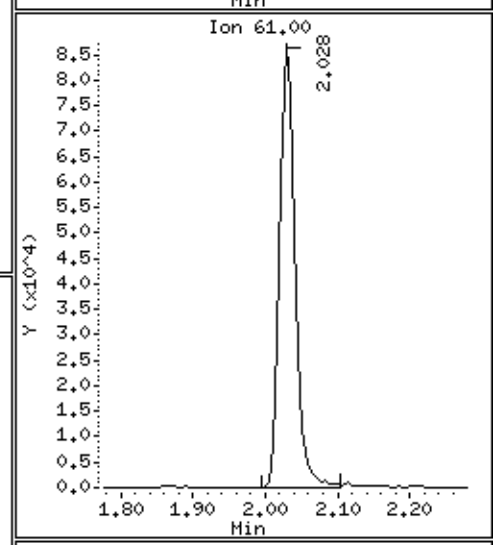


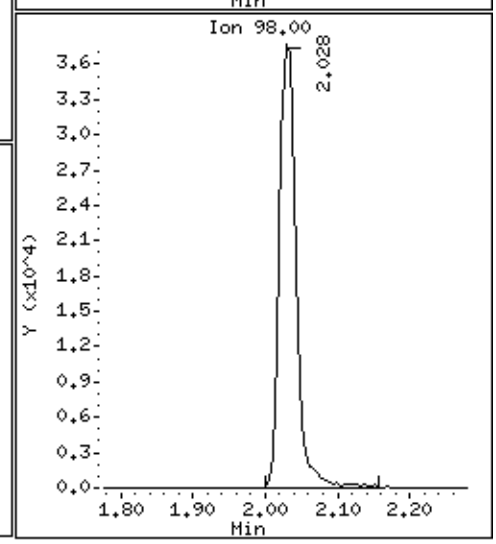












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

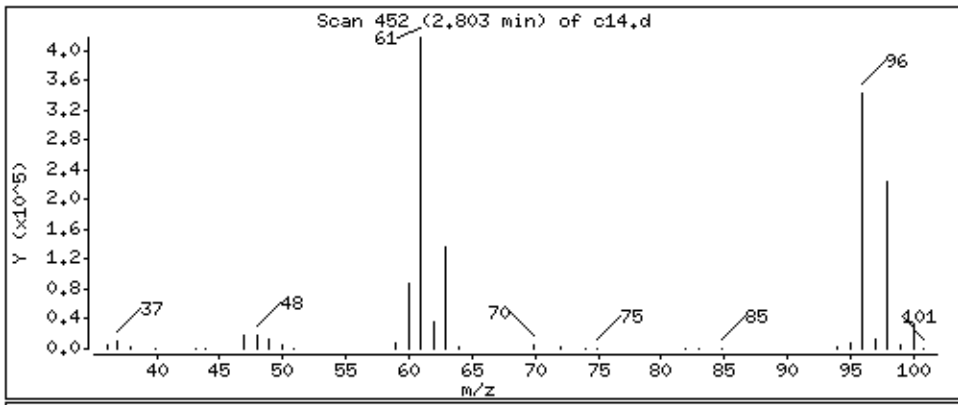
Column phase: DB-624

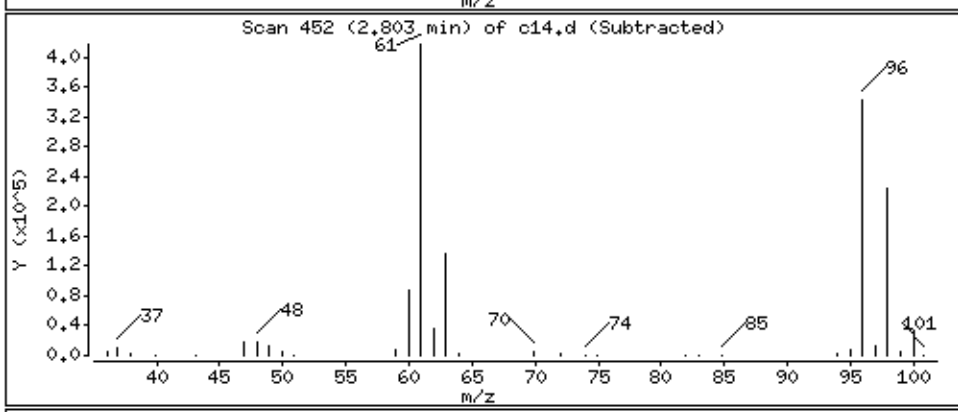
Column diameter: 0.18

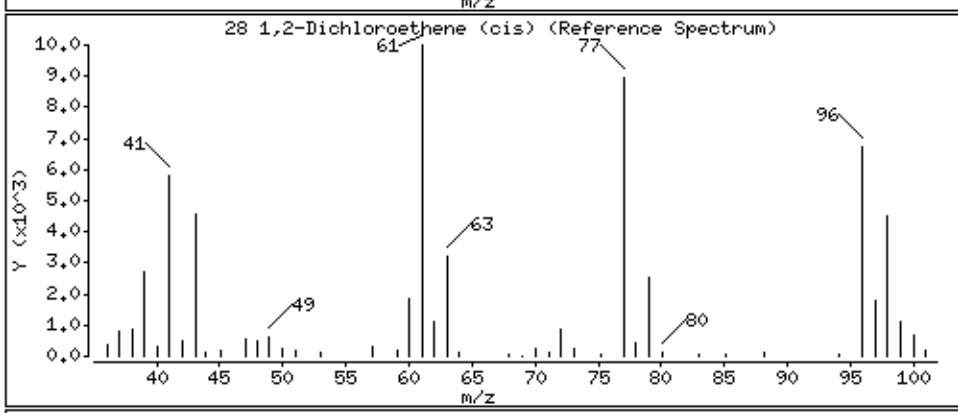
28 1,2-Dichloroethene (cis)

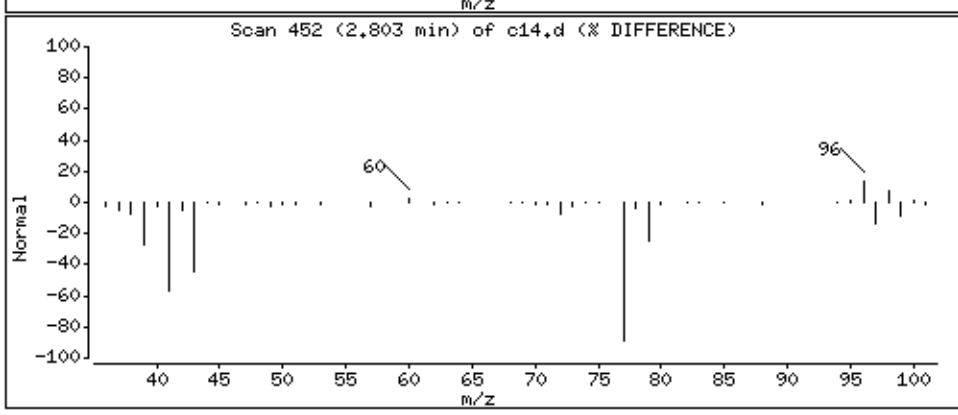
Concentration: 714 ppb

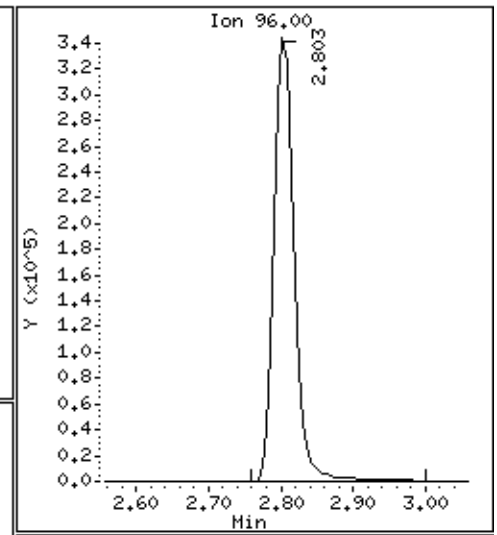
Review Code:

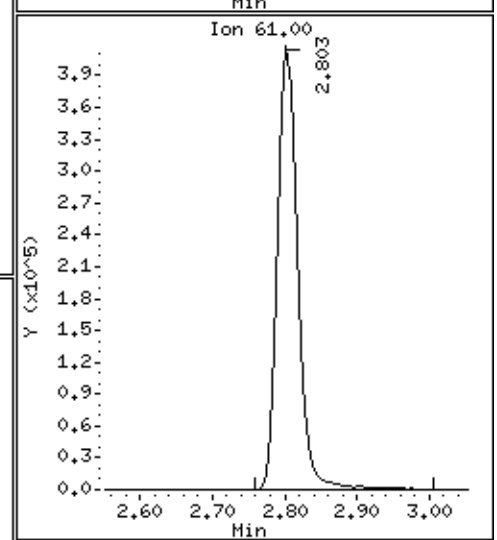


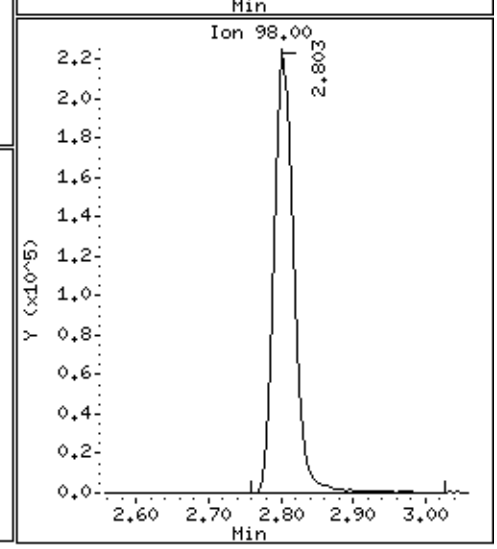












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Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

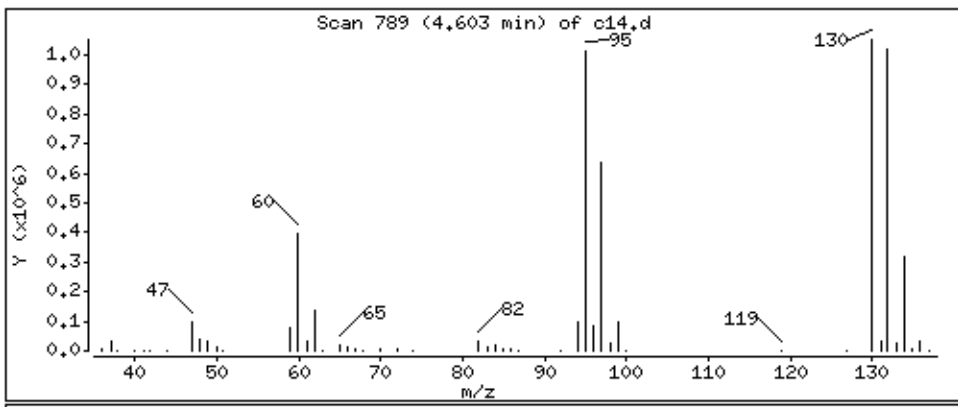
Column phase: DB-624

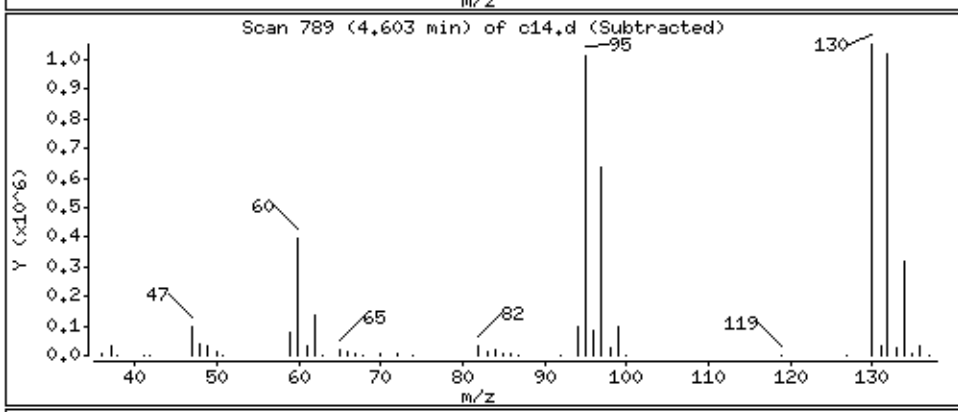
Column diameter: 0.18

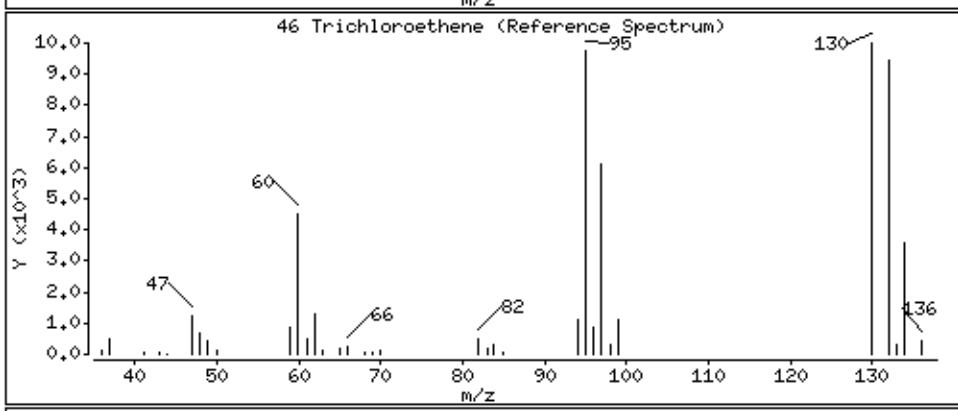
46 Trichloroethene

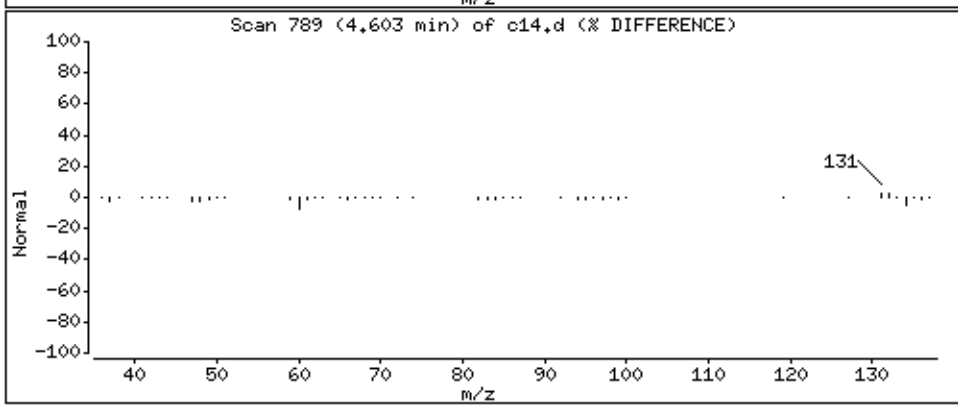
Concentration: 2410 ppb

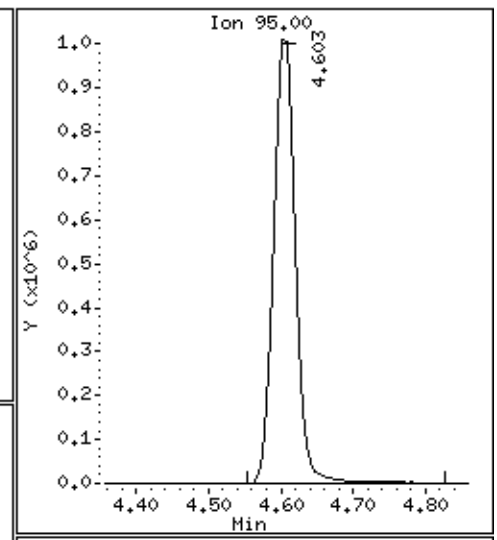
Review Code:

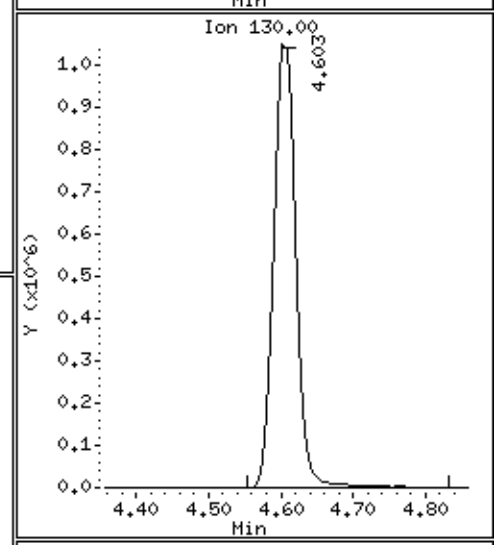


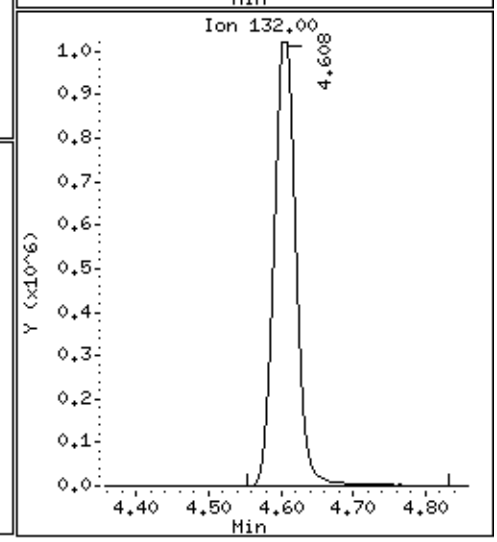












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Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

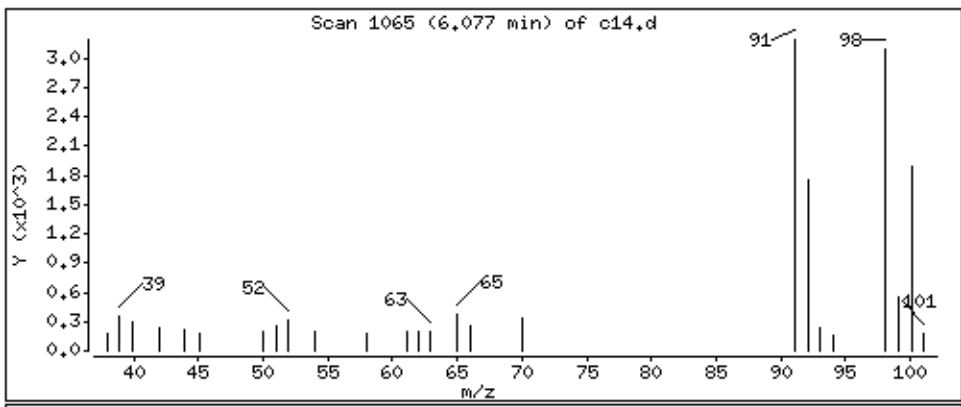
Column phase: DB-624

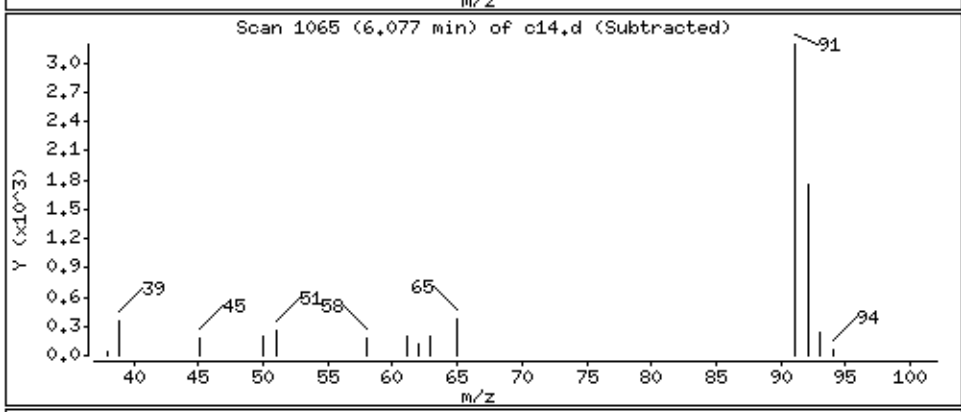
Column diameter: 0.18

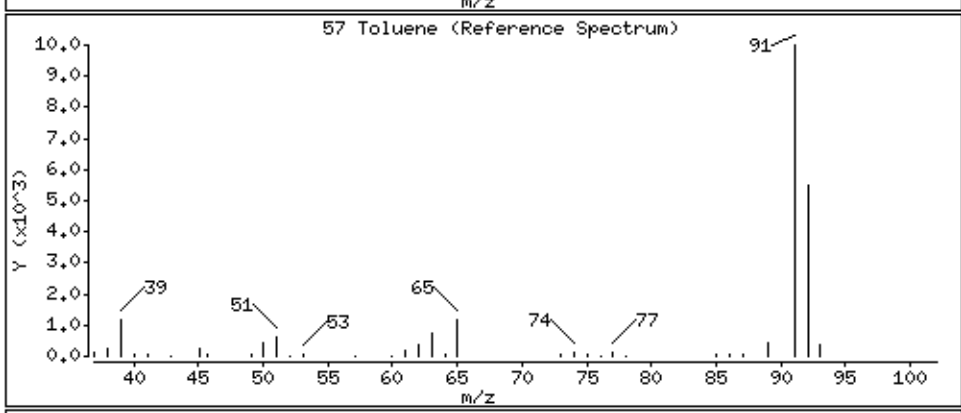
57 Toluene

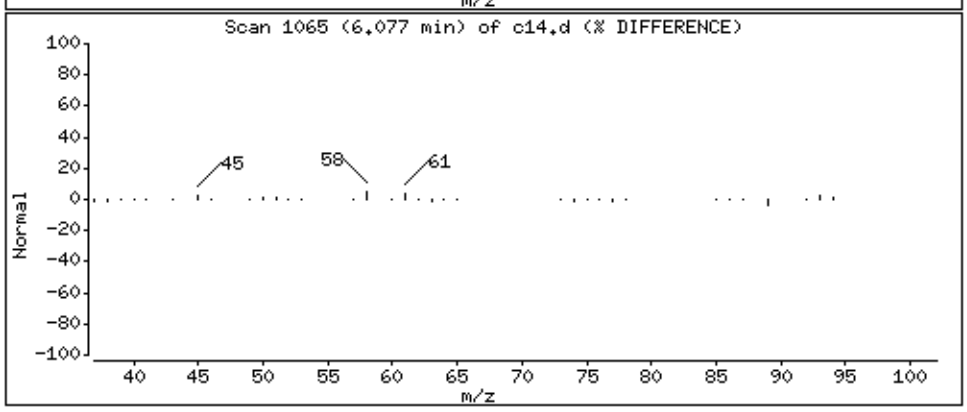
Concentration: 1.98 ppb

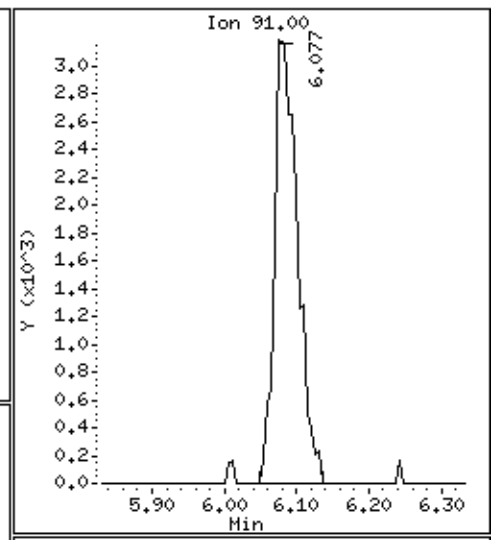
Review Code:

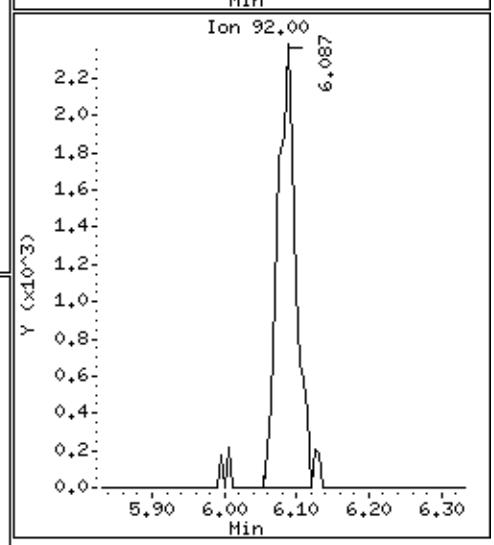












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

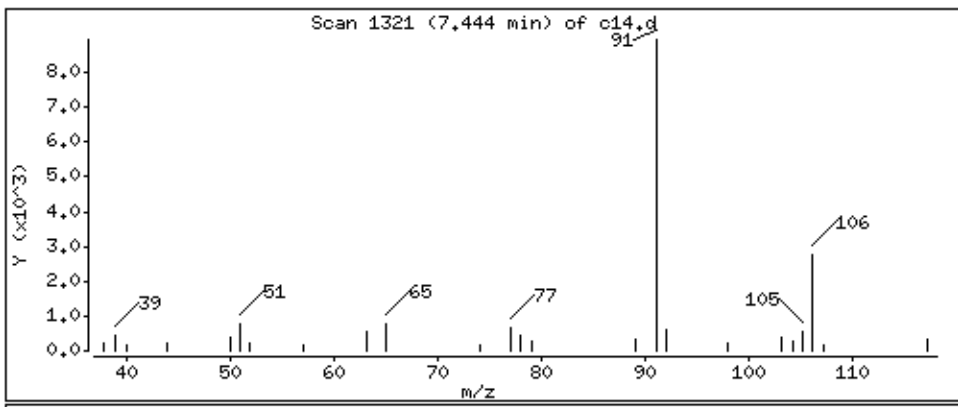
Column phase: DB-624

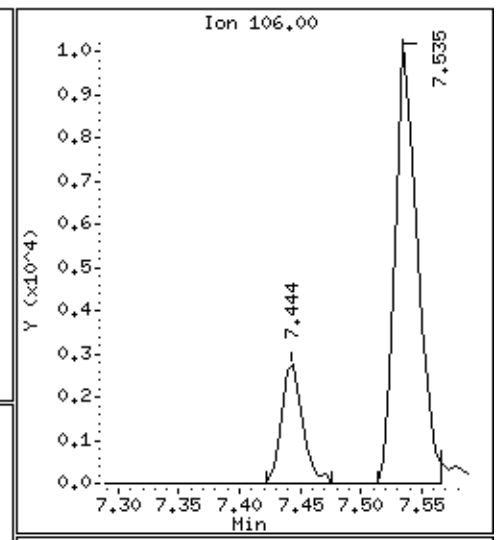
Column diameter: 0.18

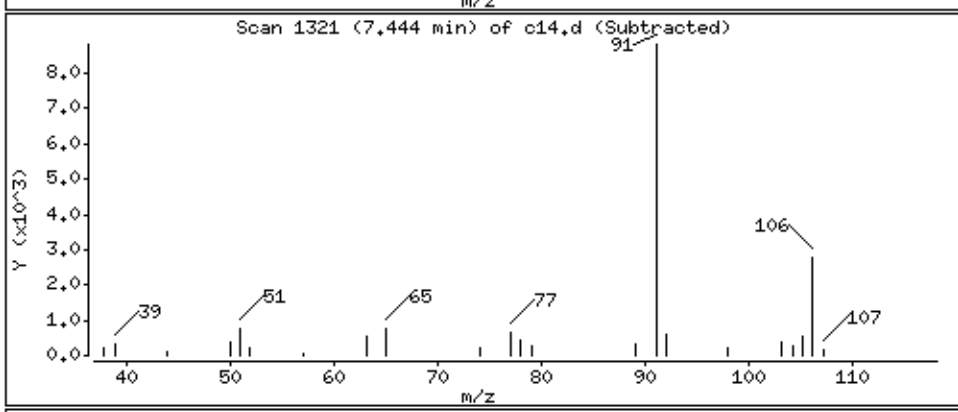
69 Ethylbenzene

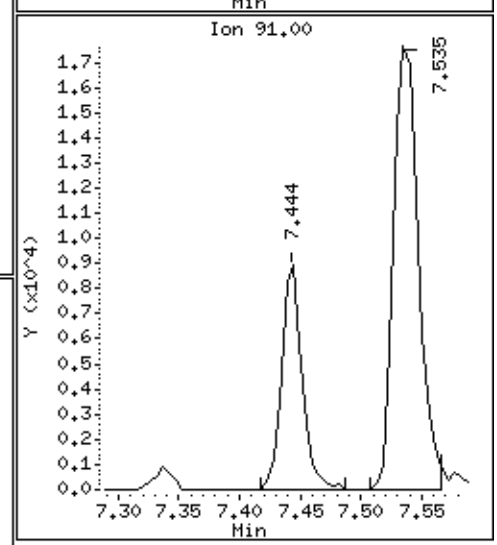
Concentration: 2.92 ppb

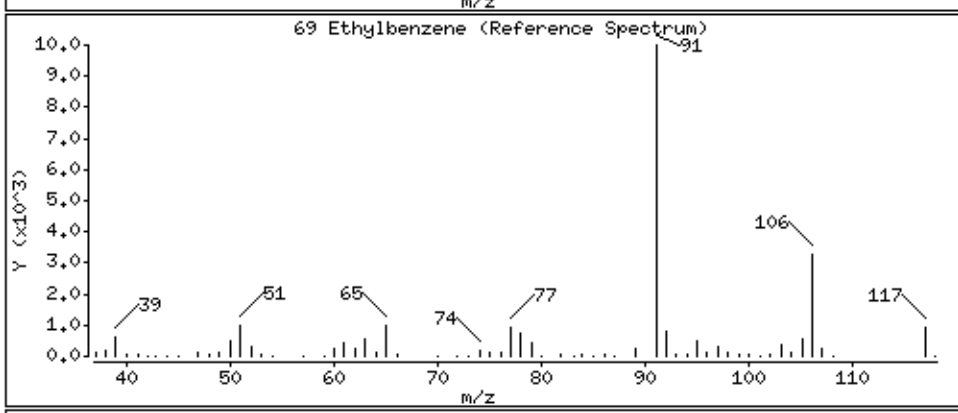
Review Code:

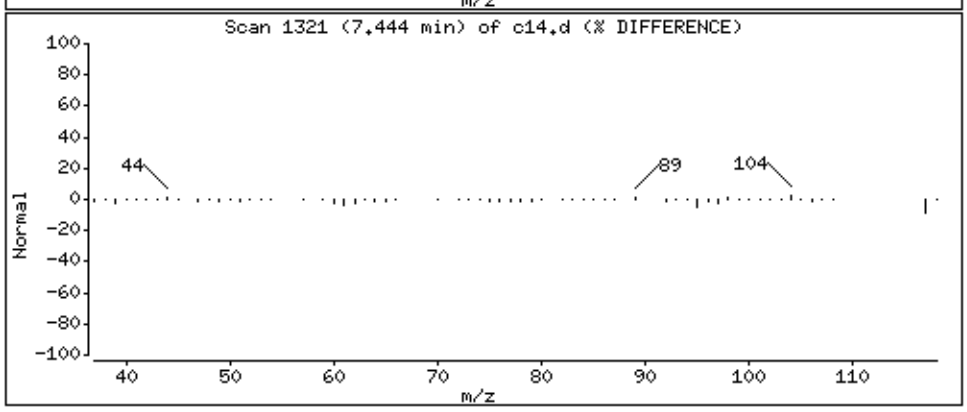












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

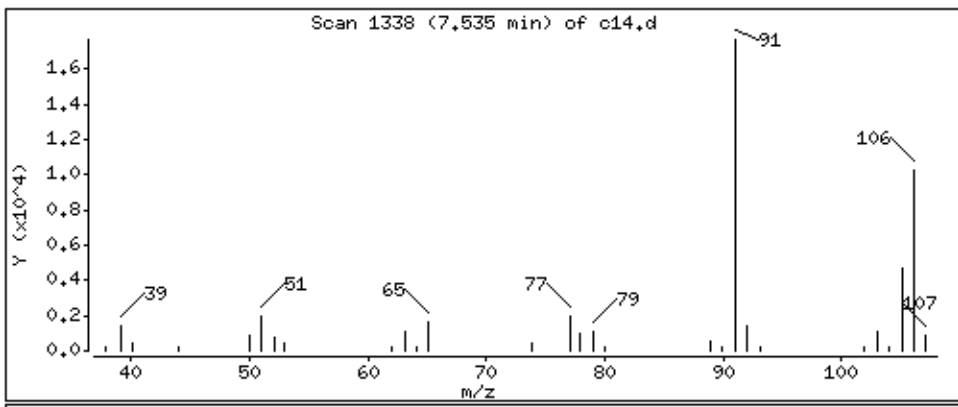
Column phase: DB-624

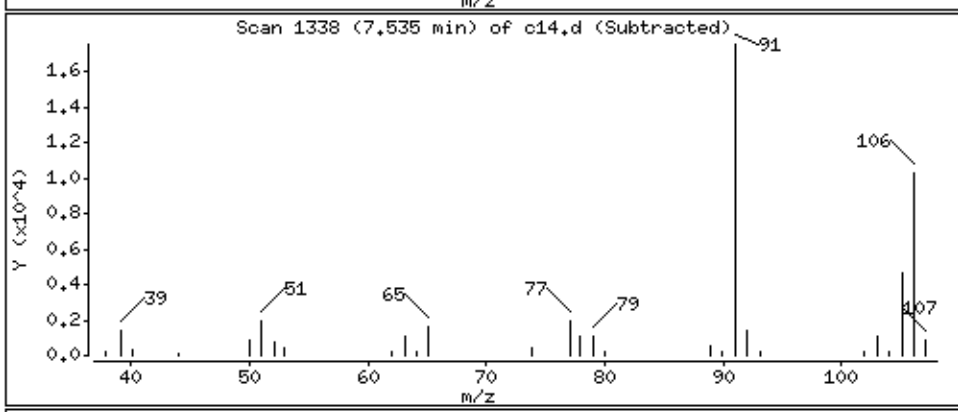
Column diameter: 0.18

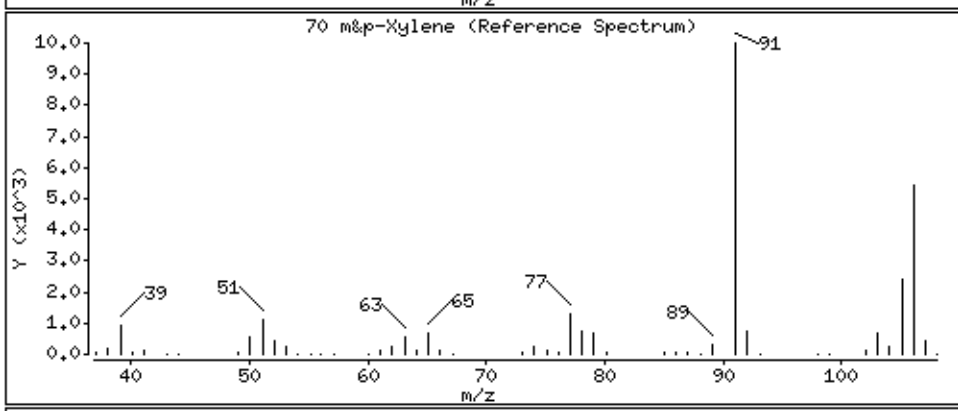
70 m&p-Xylene

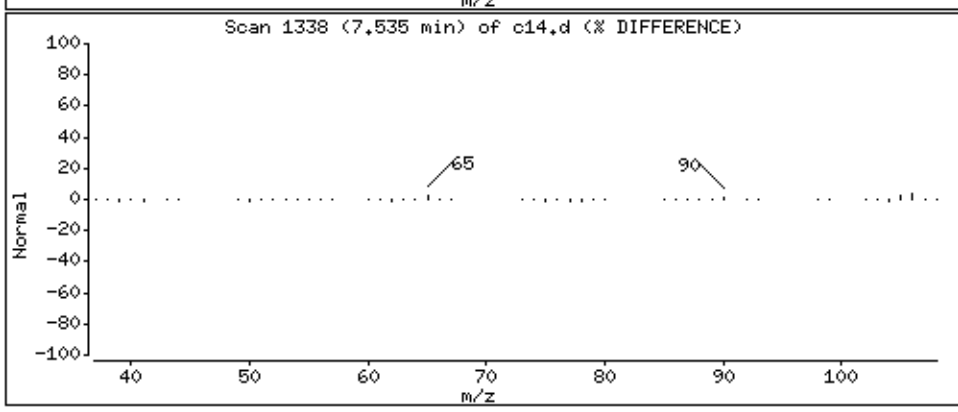
Concentration: 10.1 ppb

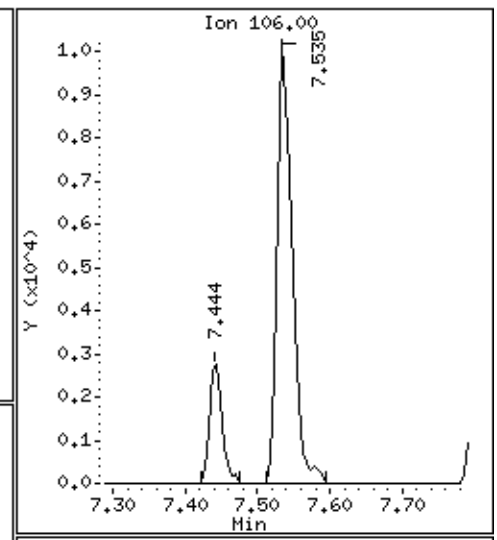
Review Code:

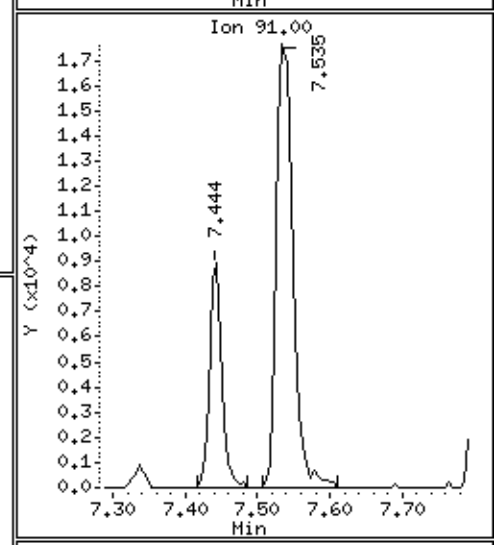


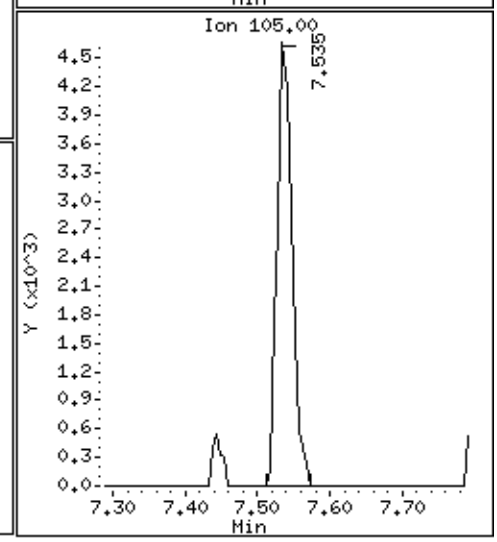












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

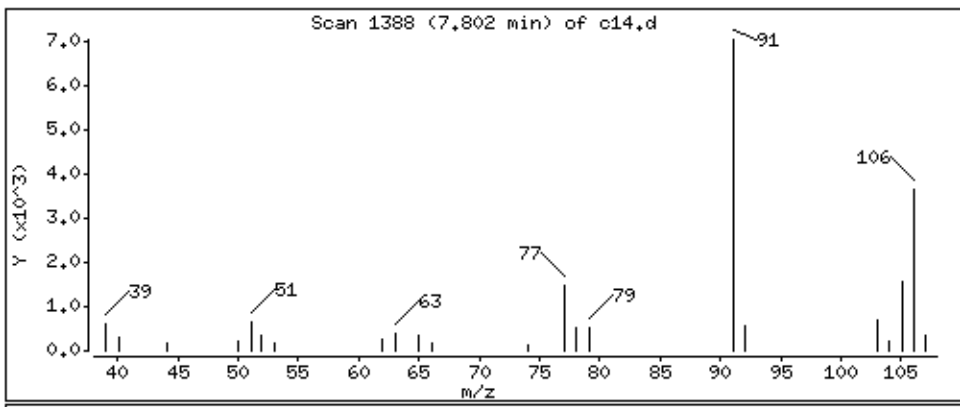
Column phase: DB-624

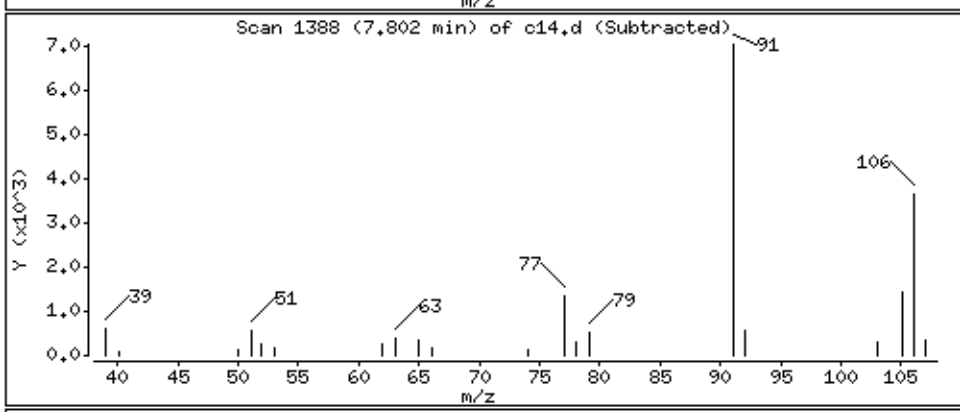
Column diameter: 0.18

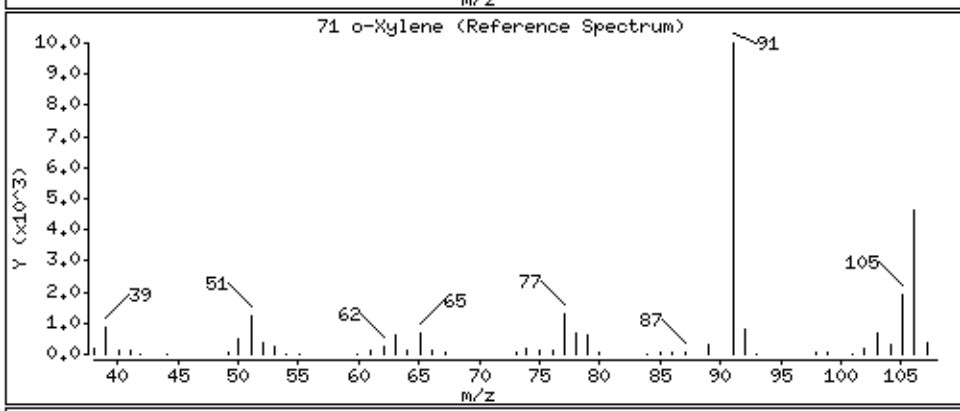
71 o-Xylene

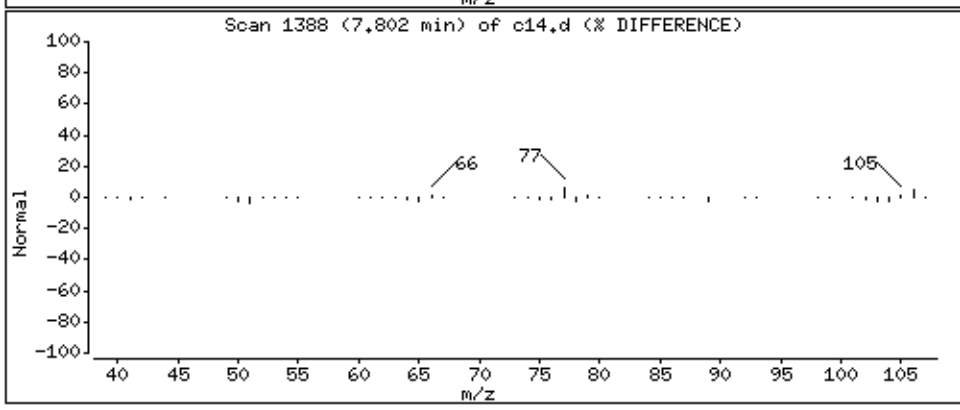
Concentration: 3.36 ppb

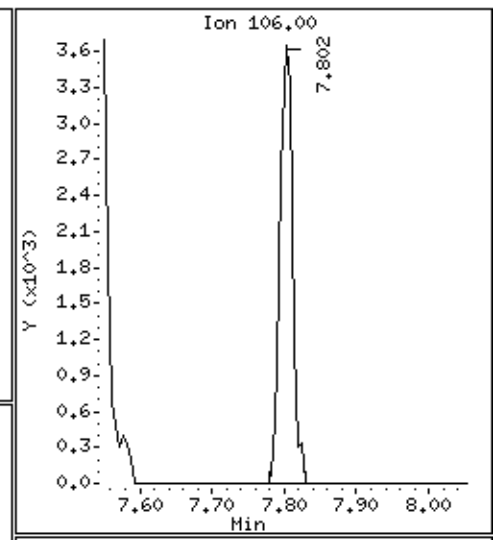
Review Code:

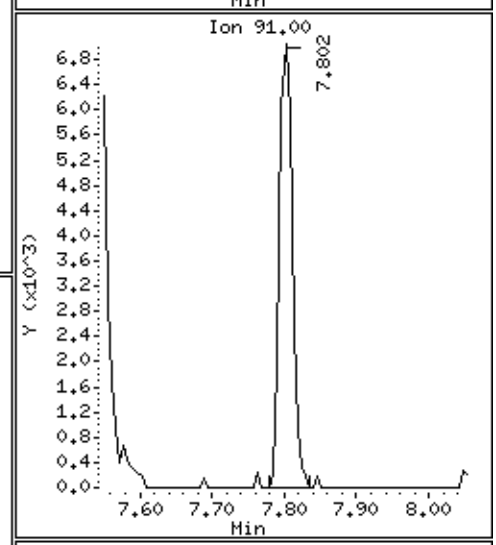


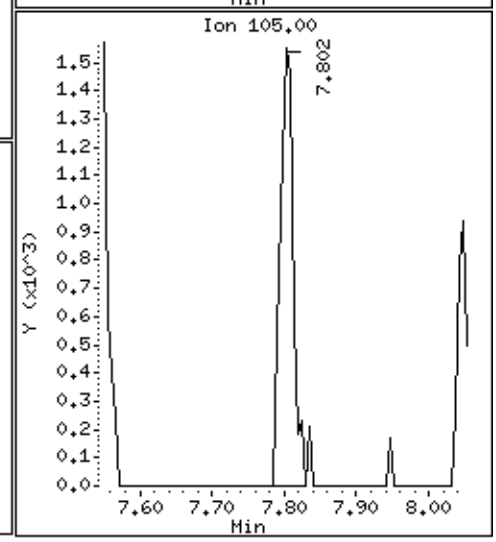












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

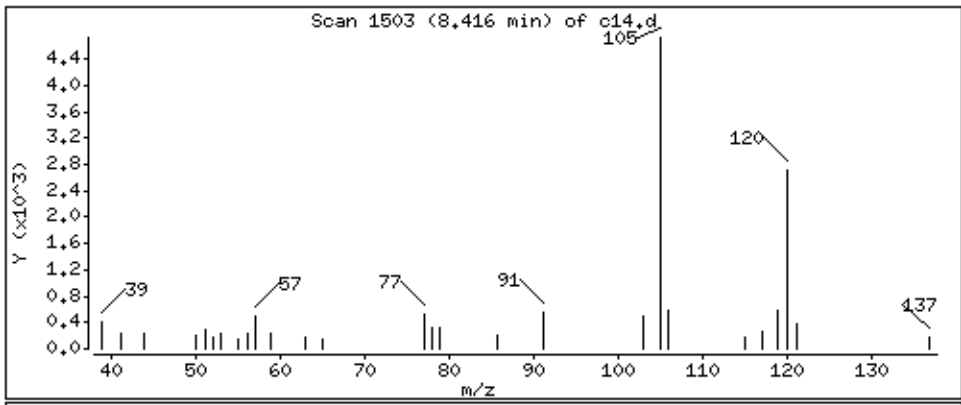
Column phase: DB-624

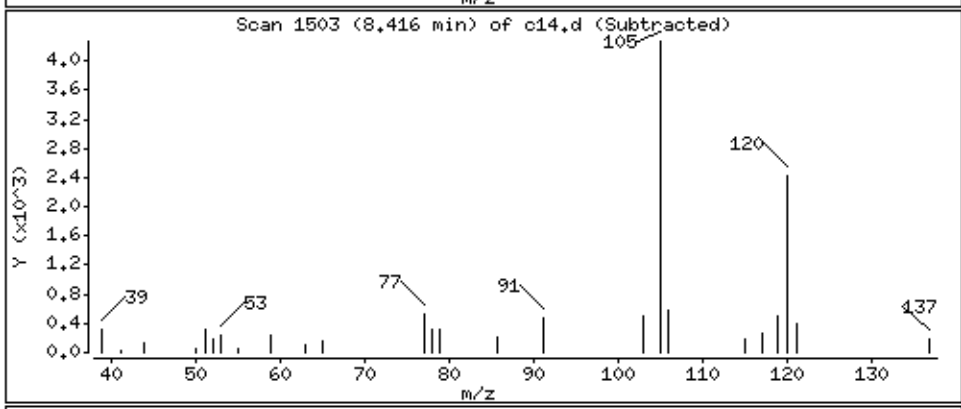
Column diameter: 0.18

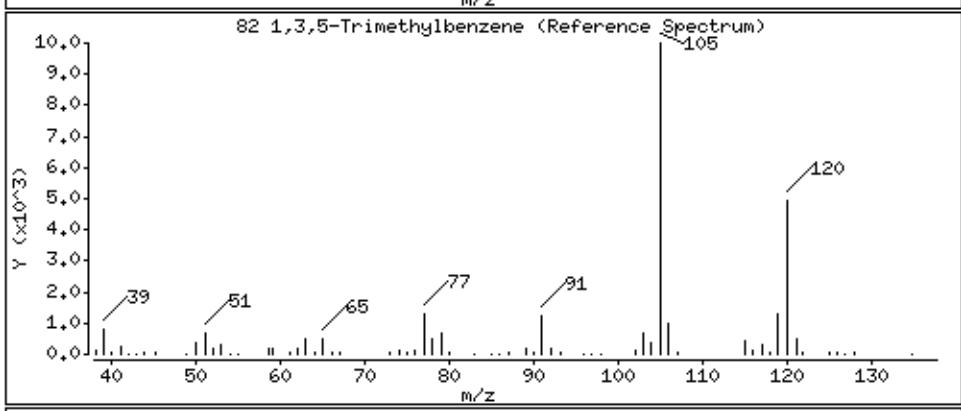
82 1,3,5-Trimethylbenzene

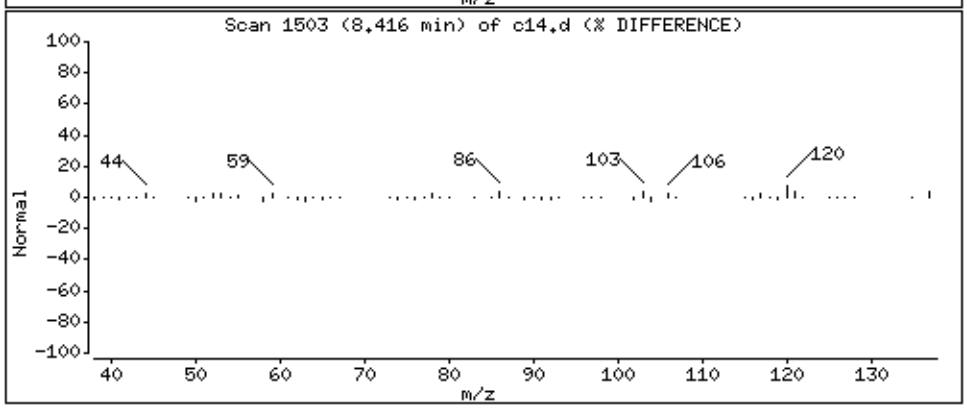
Concentration: 2.43 ppb

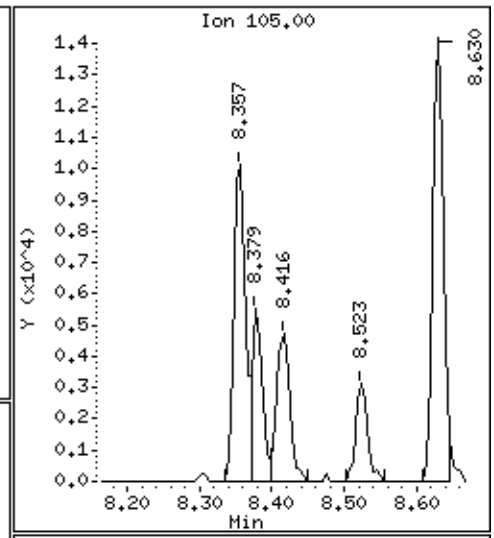
Review Code:

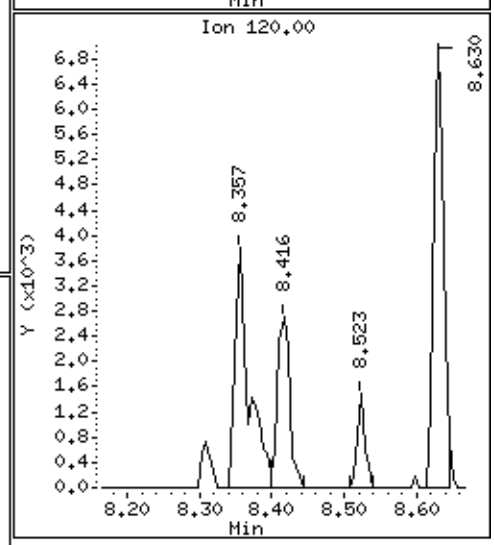












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

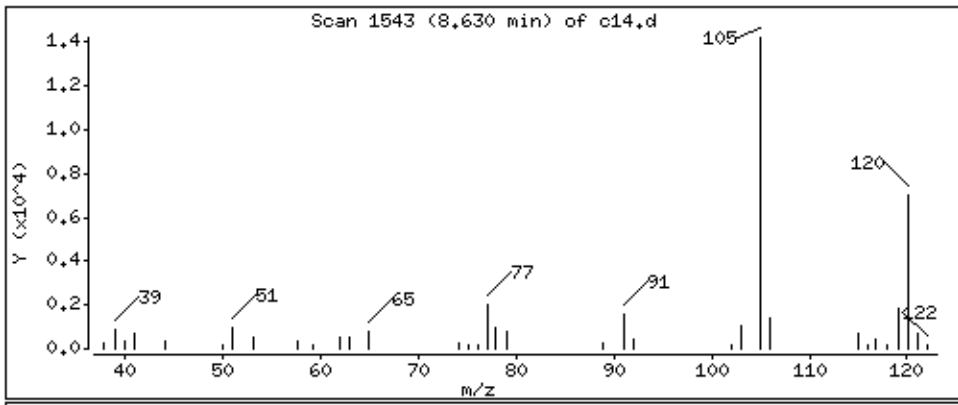
Column phase: DB-624

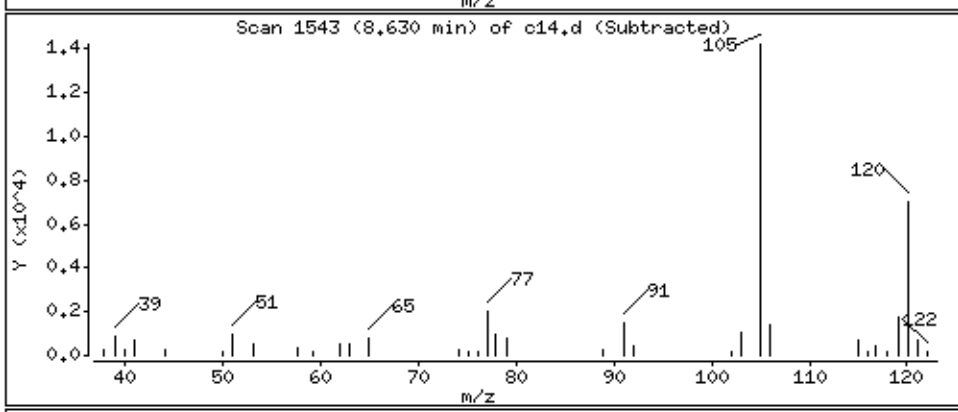
Column diameter: 0.18

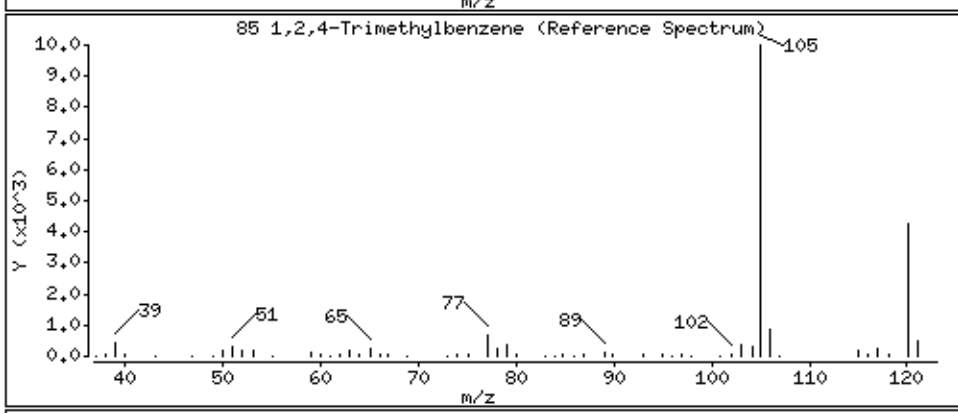
85 1,2,4-Trimethylbenzene

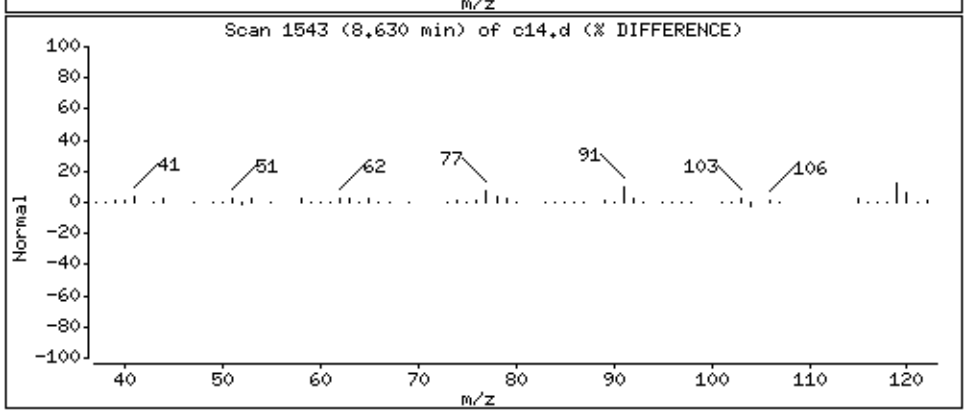
Concentration: 6.96 ppb

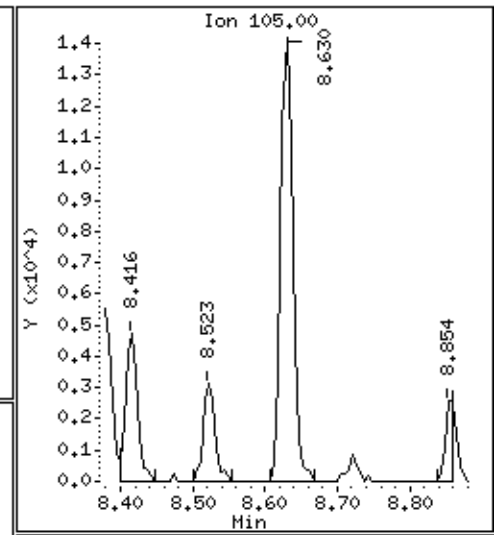
Review Code:

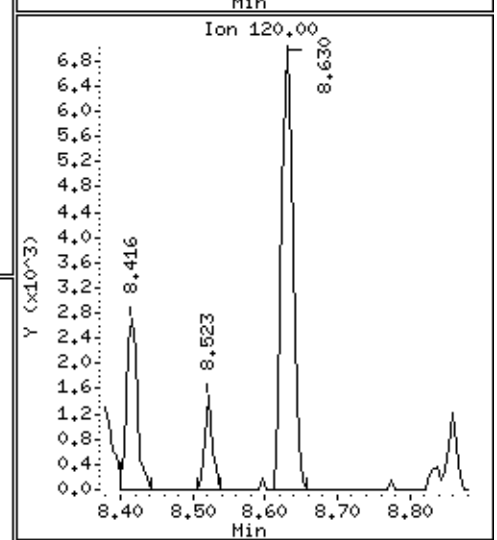












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c14.d

Date : 06-OCT-2017 05:20

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x5

Purge Volume: 5.0

Operator: jlz

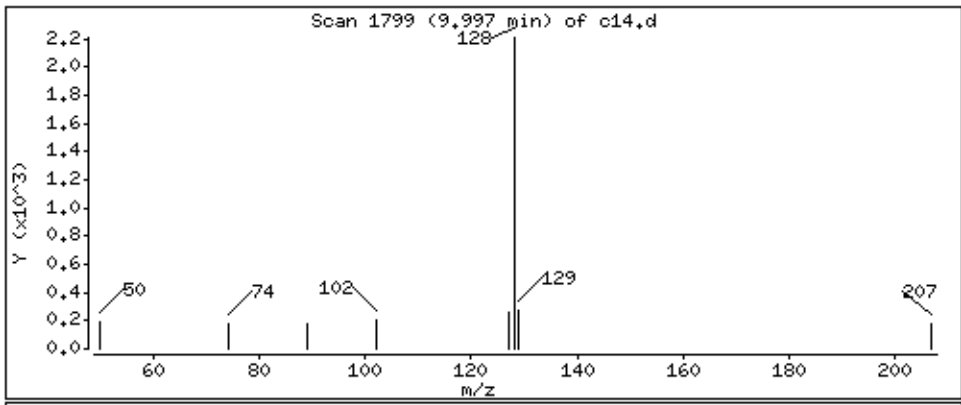
Column phase: DB-624

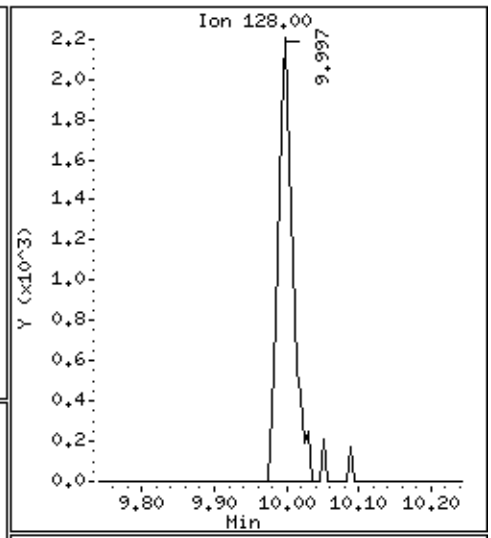
Column diameter: 0.18

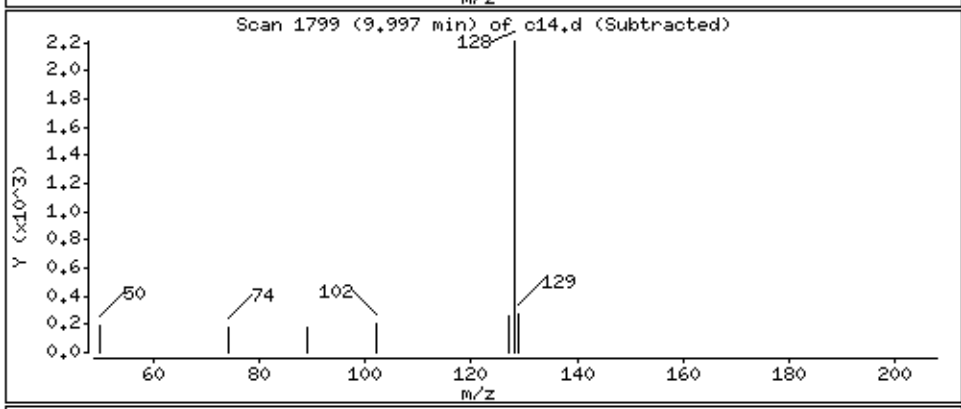
96 Naphthalene

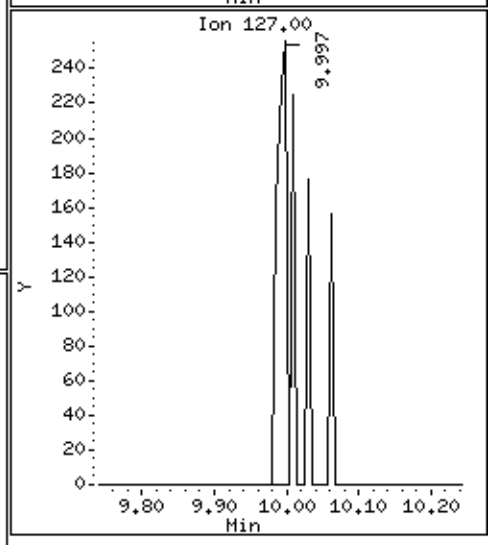
Concentration: 2.49 ppb

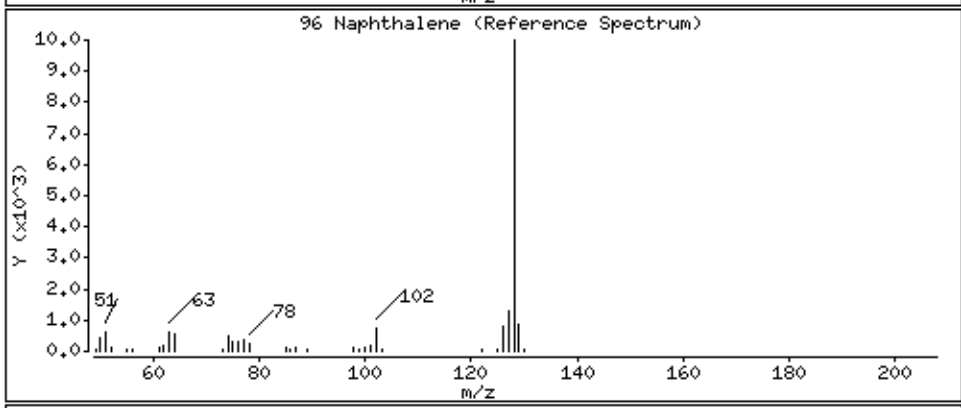
Review Code:

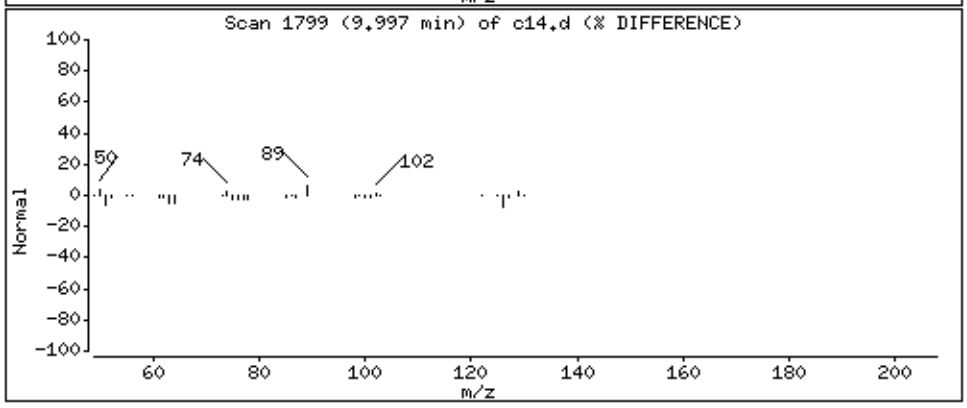












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c14.d
Injection Date: 06-OCT-2017 05:20
Instrument: 50mv3a.i
Lab Sample ID: 50180760008
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0504-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/09/2017 20:54 Lab Sample ID: 50180760008

Date Analyzed: 10/09/2017 20:54 Lab File ID: A100917.B\A20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 50 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	2520	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d
Lab Smp Id: 50180760008 Client Smp ID: MW-0504-S1 (092717)
Inj Date : 09-OCT-2017 20:54
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760008x50
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 41
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	50.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	7 Diethyl ether	74	1.464	1.462	(0.353)	2688	1.29518	64.8	
	15 Methyl Acetate	43	1.769	1.767	(0.426)	35429	25.1474	1260	
	22 1,2-Dichloroethene (trans)	96	2.030	2.029	(0.489)	9092	2.25674	113	
	28 1,2-Dichloroethene (cis)	96	2.805	2.803	(0.676)	62895	14.7642	738(Q)	
$	35 Dibromofluoromethane (S)	113	3.318	3.316	(0.799)	163952	48.3746	48.4	
*	45 Fluorobenzene (IS)	96	4.151	4.149	(1.000)	686418	50.0000		
	46 Trichloroethene	95	4.605	4.603	(1.109)	200473	50.3007	2520	
$	56 Toluene-d8 (S)	98	6.004	6.008	(0.819)	639284	48.8763	48.9	
	57 Toluene	91	6.090	6.077	(0.830)	3606	0.21912	11.0	
*	66 Chlorobenzene-D5 (IS)	117	7.334	7.332	(1.000)	435960	50.0000		
	69 Ethylbenzene	106	7.441	7.439	(1.015)	1568	0.27728	13.9	
$	75 4-Bromofluorobenzene (S)	95	8.157	8.155	(1.112)	170629	47.5754	47.6	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.833	(1.000)	153886	50.0000		

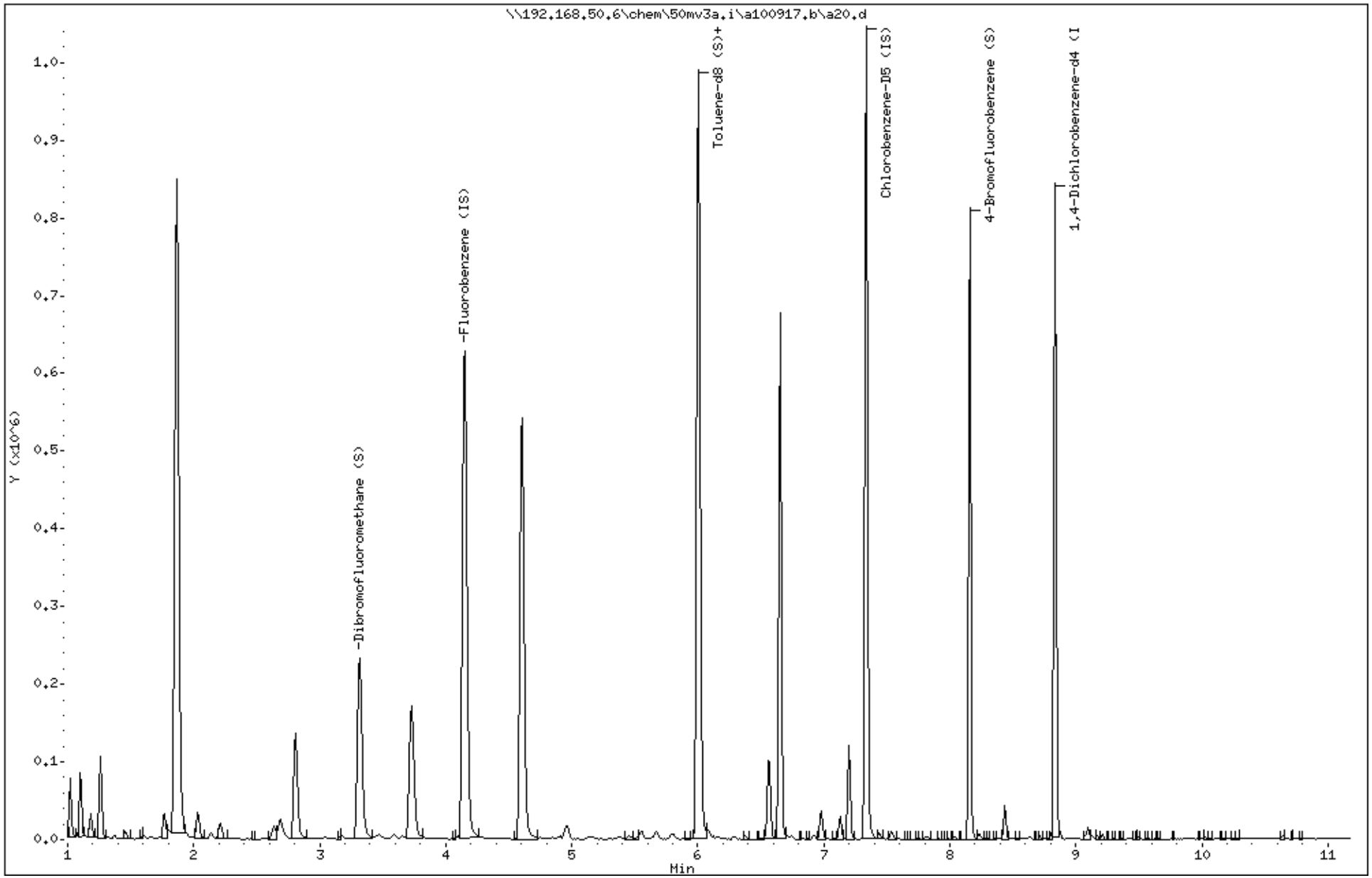
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d
Date : 09-OCT-2017 20:54
Client ID: MW-0504-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760008x50
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

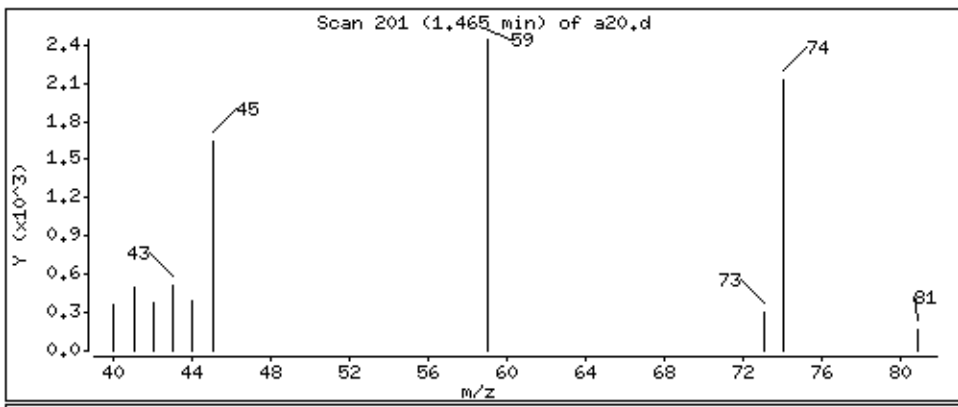
Column phase: DB-624

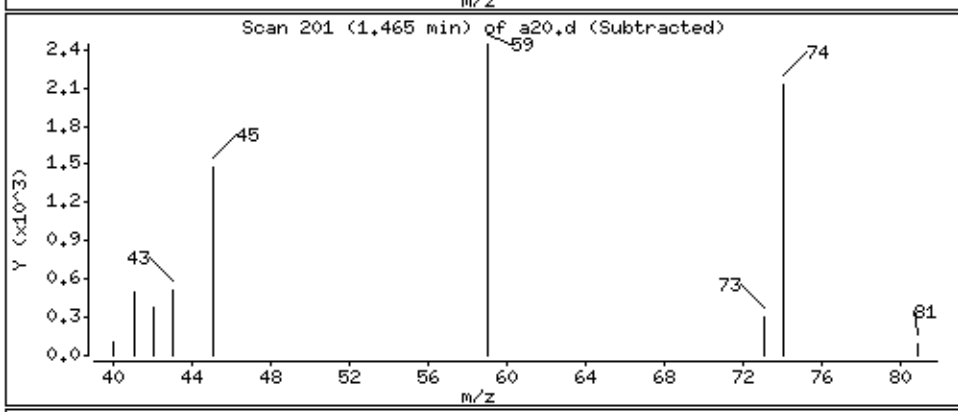
Column diameter: 0.18

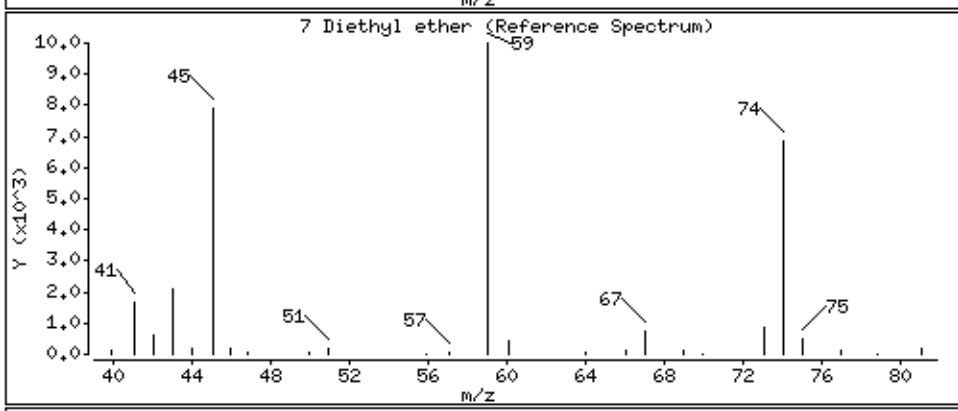
7 Diethyl ether

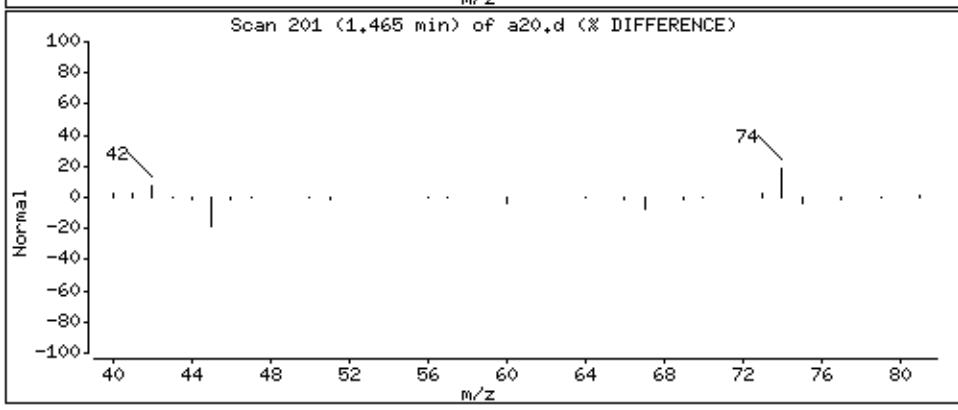
Concentration: 64.8 ppb

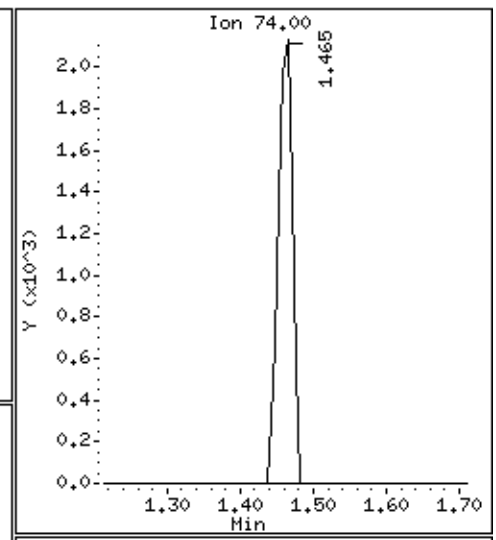
Review Code:

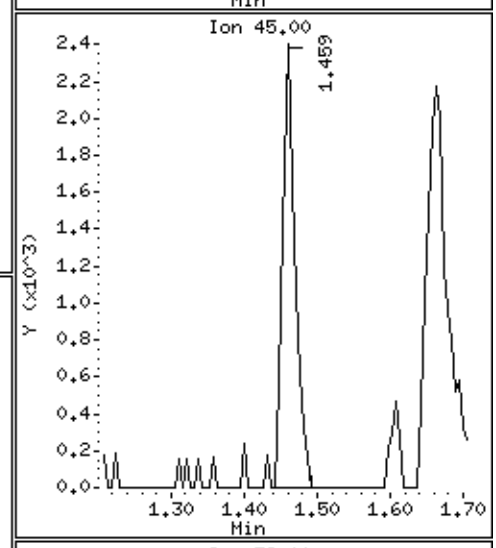


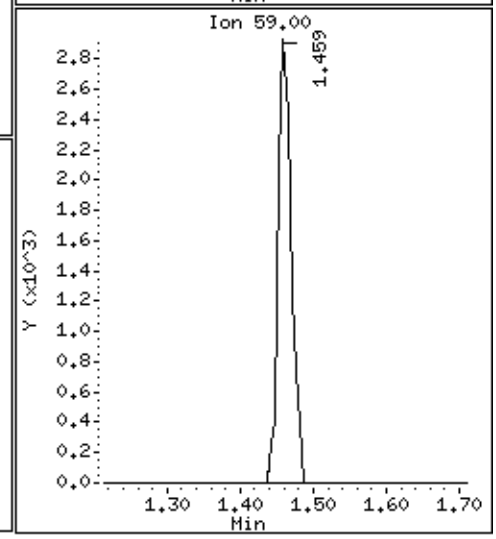












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

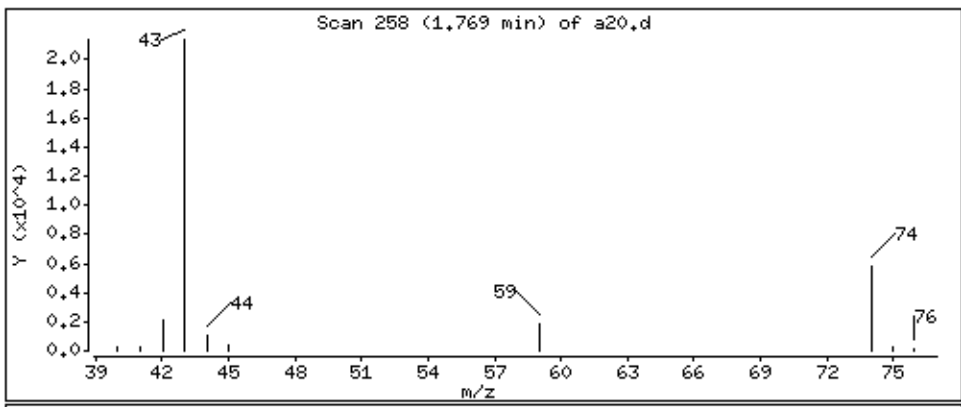
Column phase: DB-624

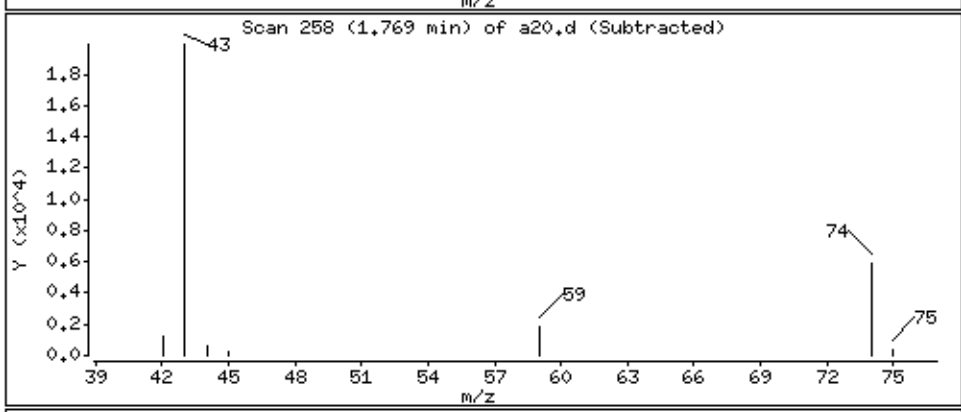
Column diameter: 0.18

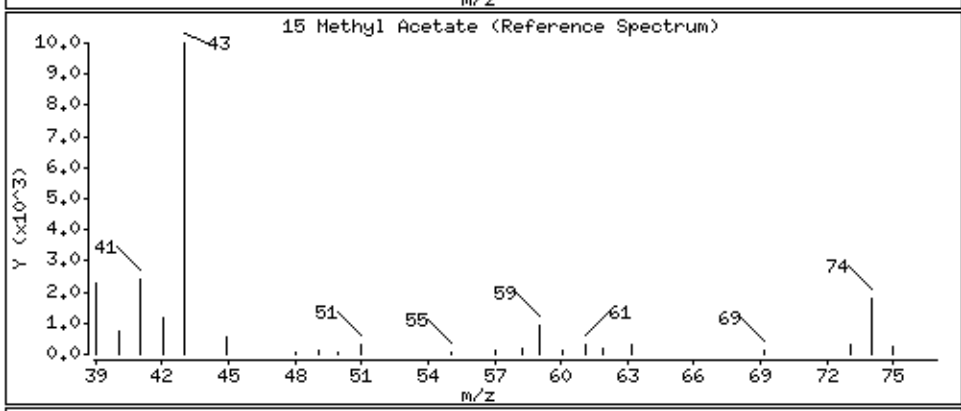
15 Methyl Acetate

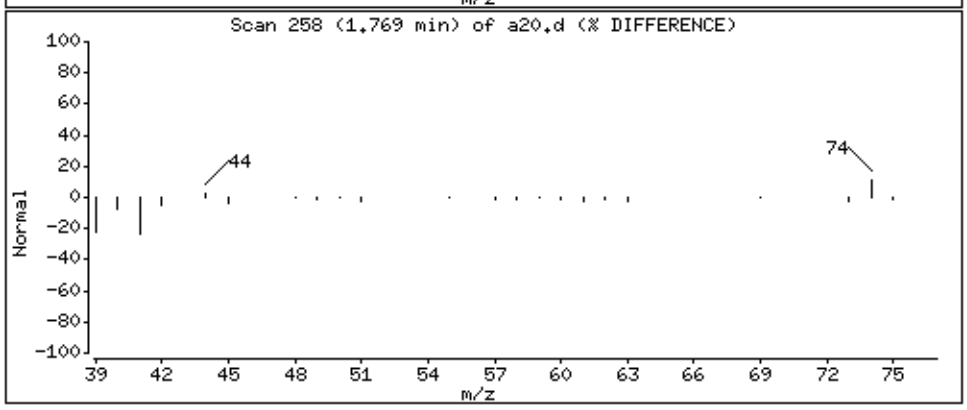
Concentration: 1260 ppb

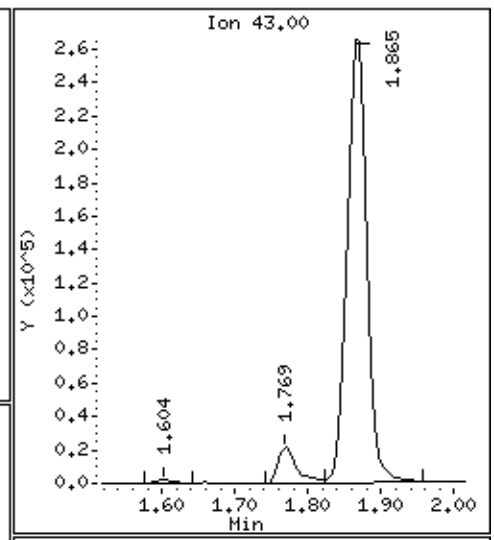
Review Code:

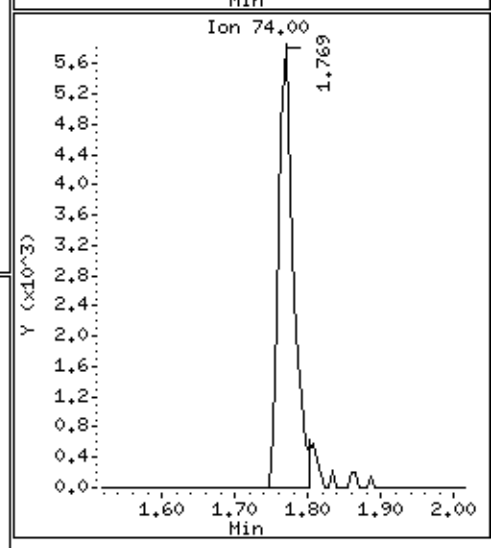












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

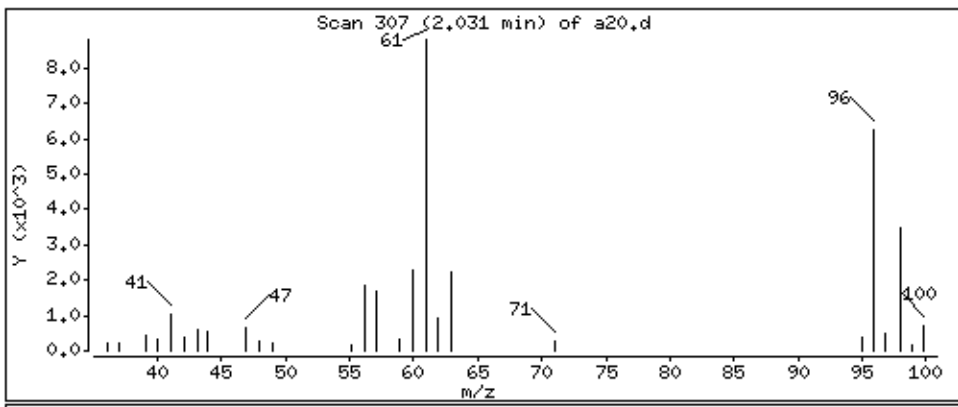
Column phase: DB-624

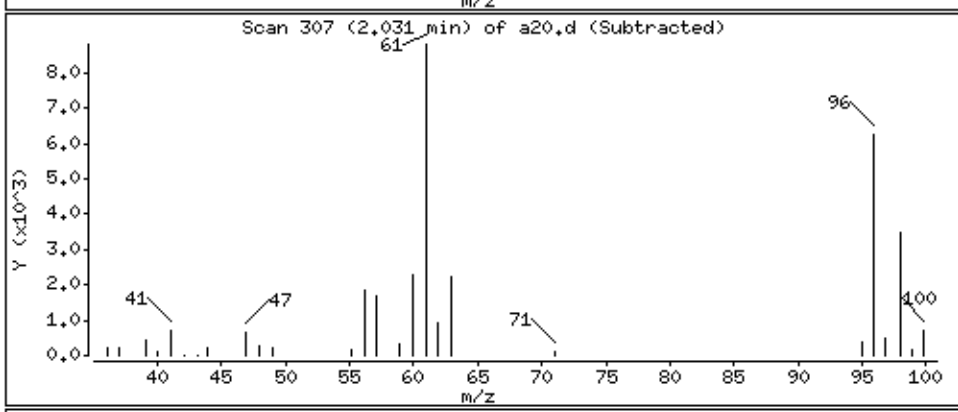
Column diameter: 0.18

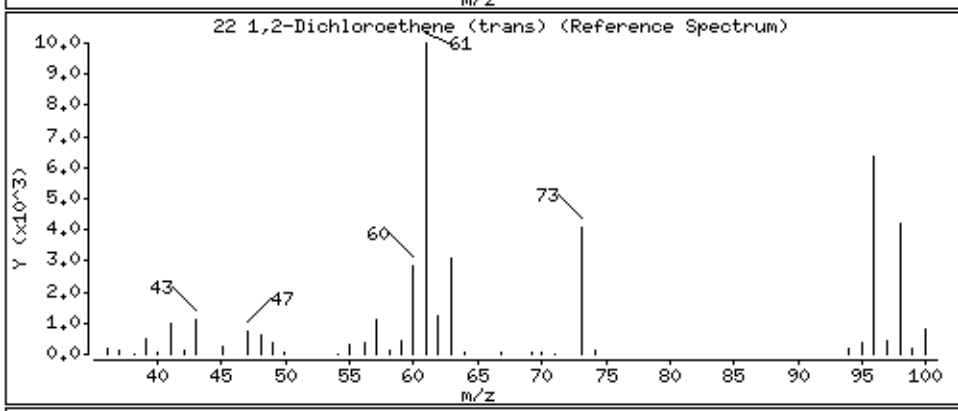
22 1,2-Dichloroethene (trans)

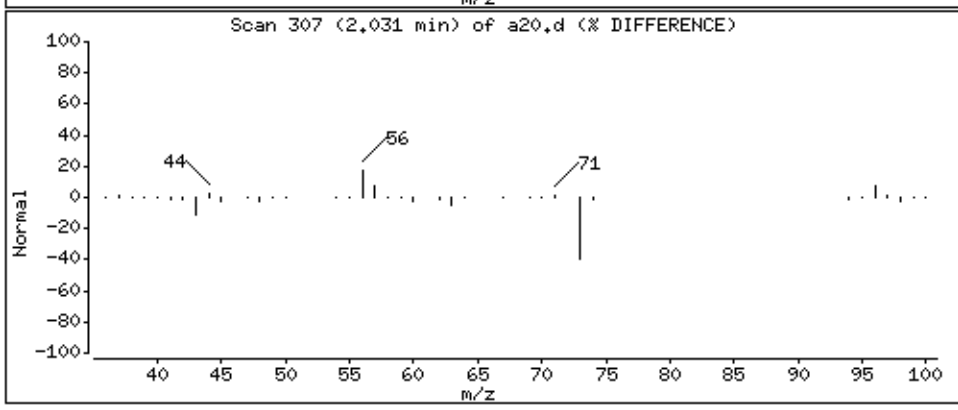
Concentration: 113 ppb

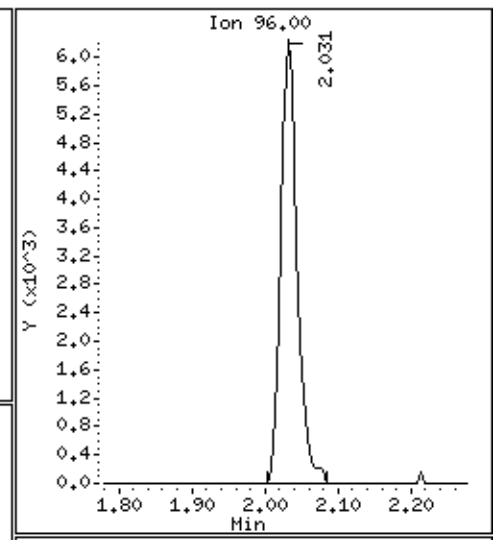
Review Code:

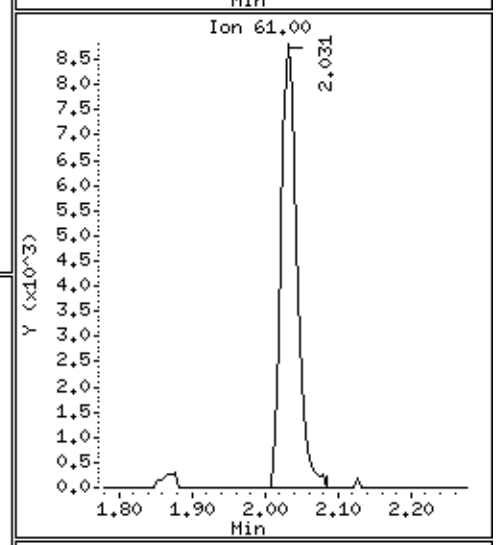


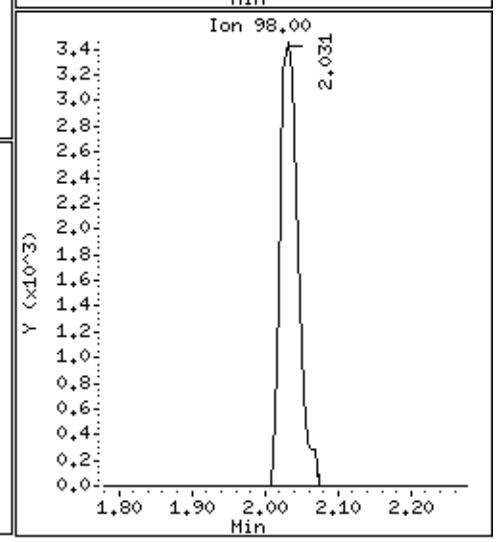












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

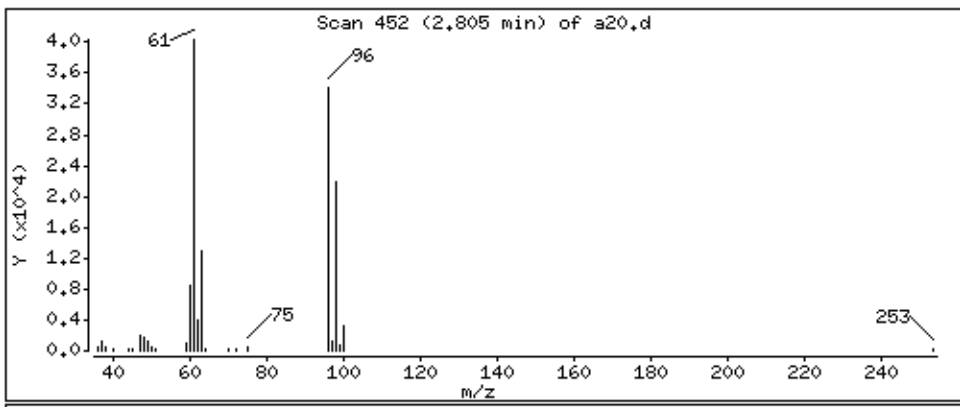
Column phase: DB-624

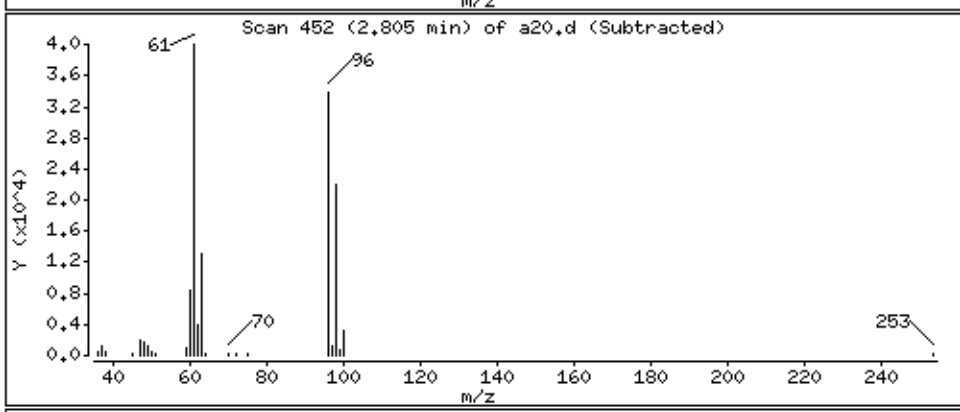
Column diameter: 0.18

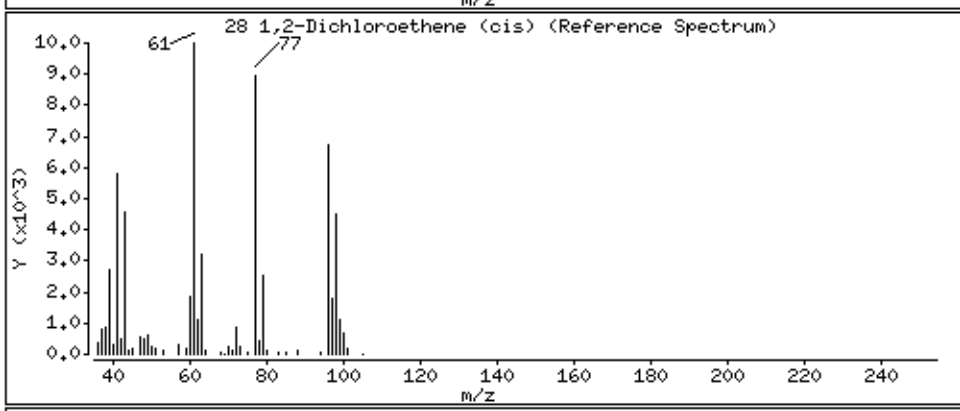
28 1,2-Dichloroethene (cis)

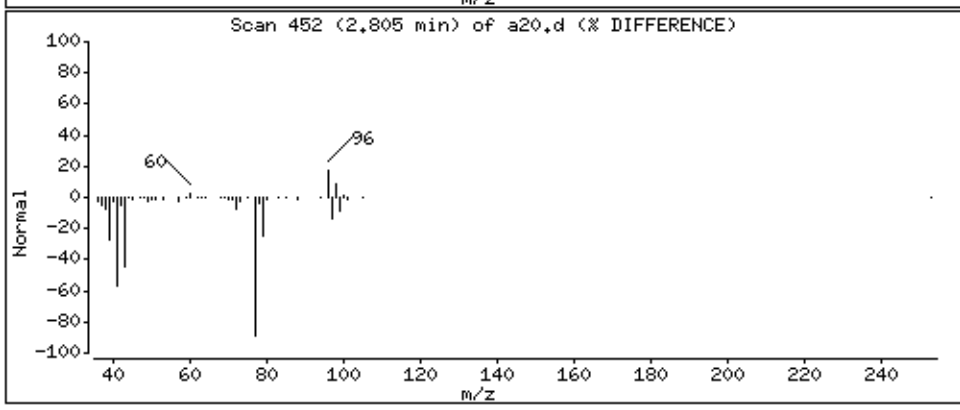
Concentration: 738 ppb

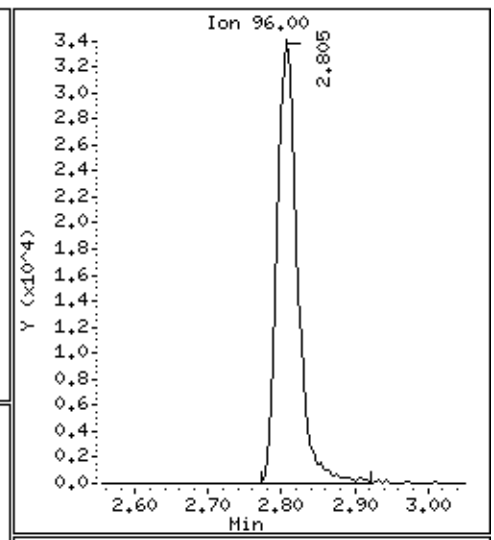
Review Code:

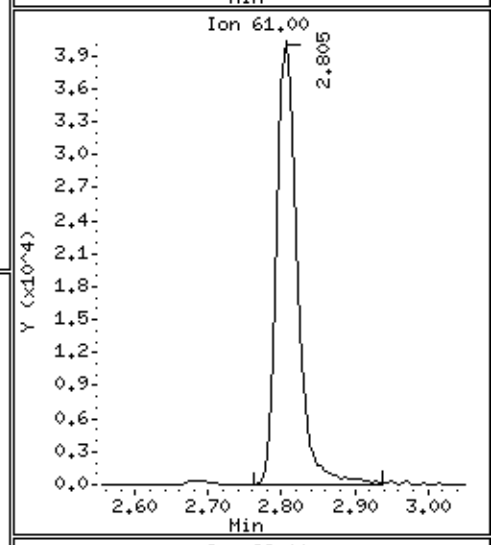


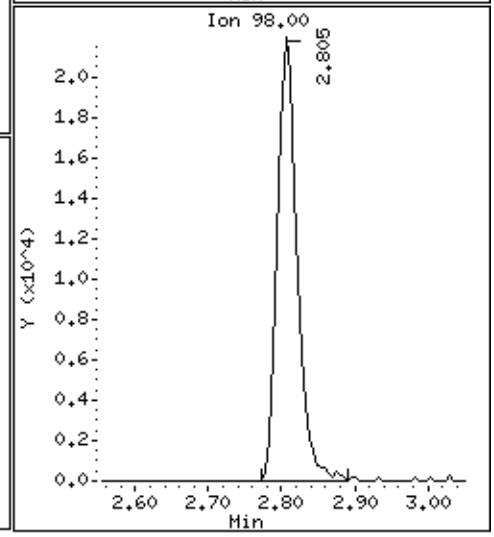












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

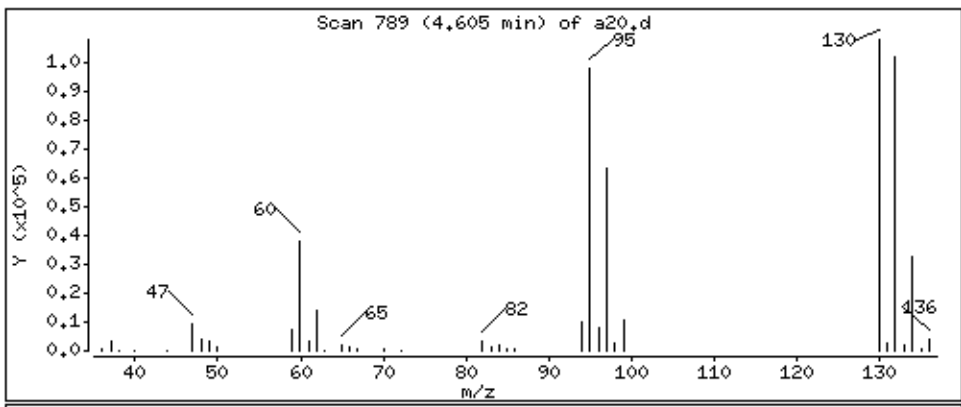
Column phase: DB-624

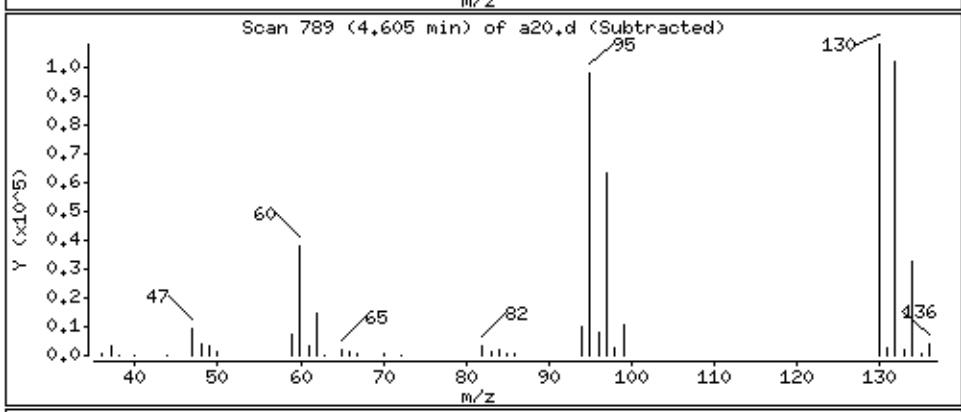
Column diameter: 0.18

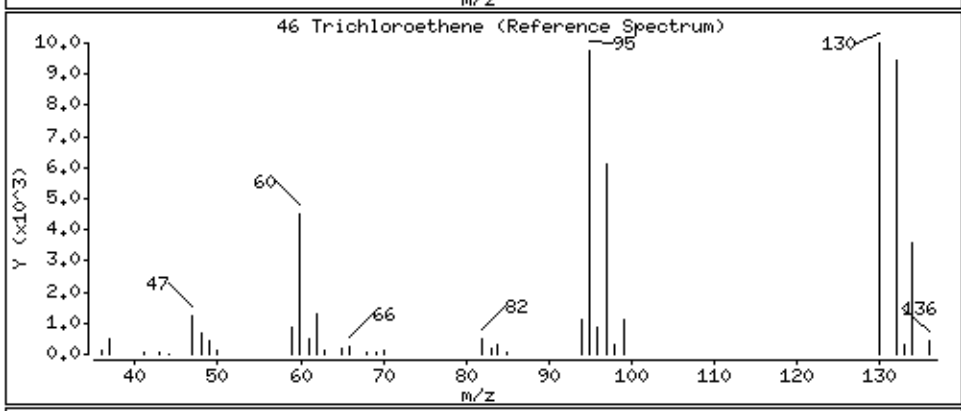
46 Trichloroethene

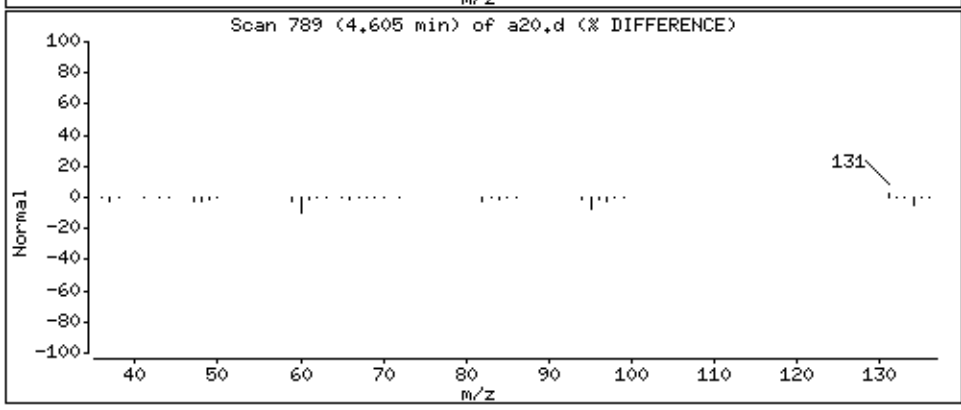
Concentration: 2520 ppb

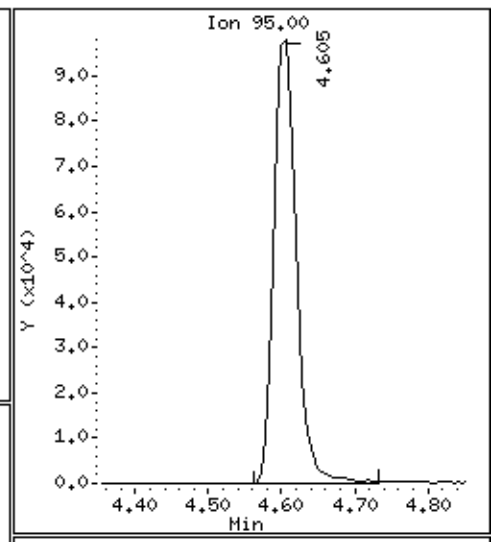
Review Code:

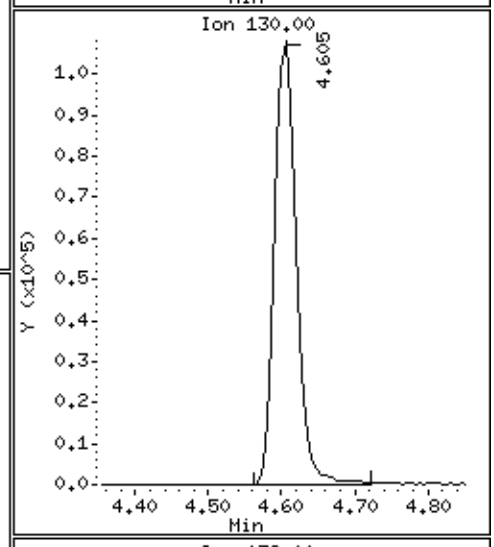


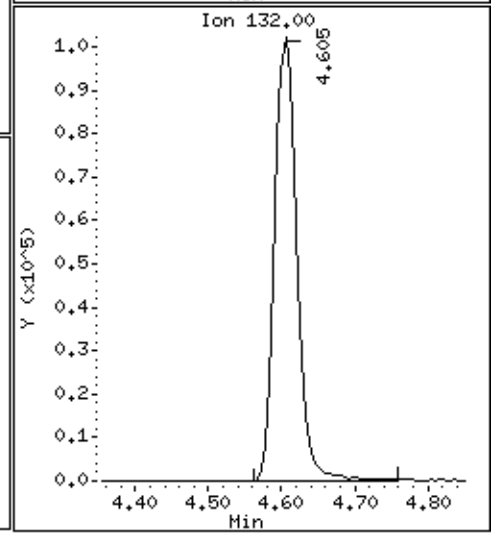












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

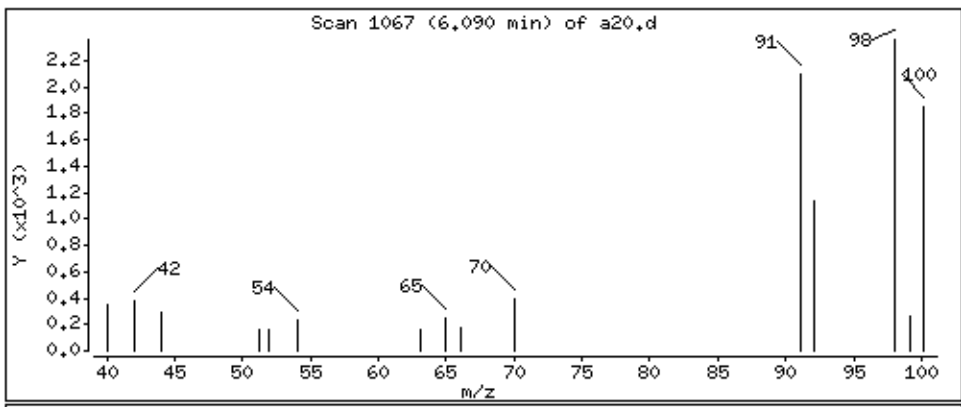
Column phase: DB-624

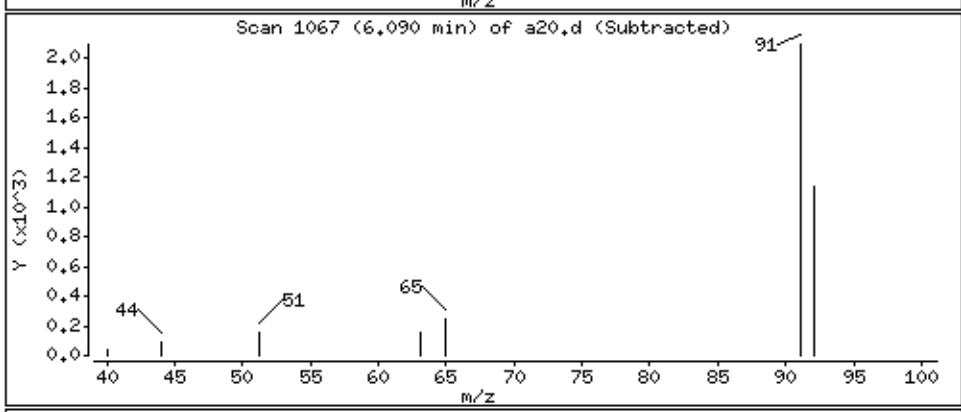
Column diameter: 0.18

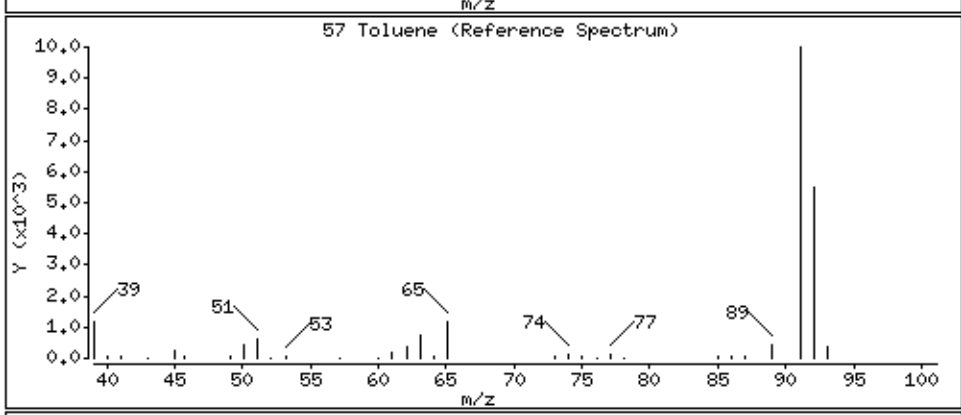
57 Toluene

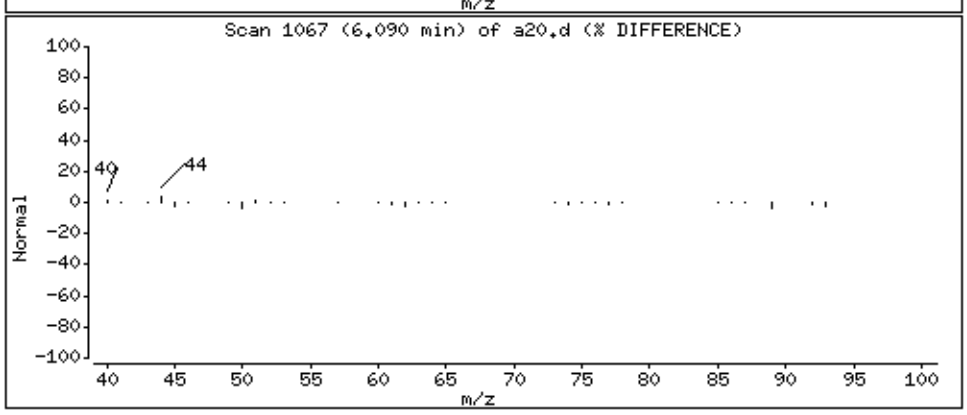
Concentration: 11.0 ppb

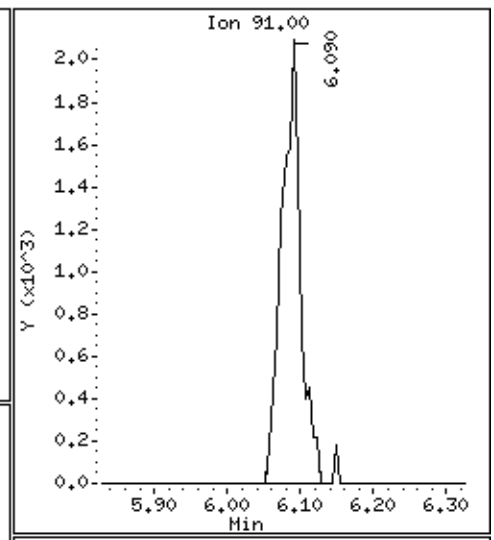
Review Code:

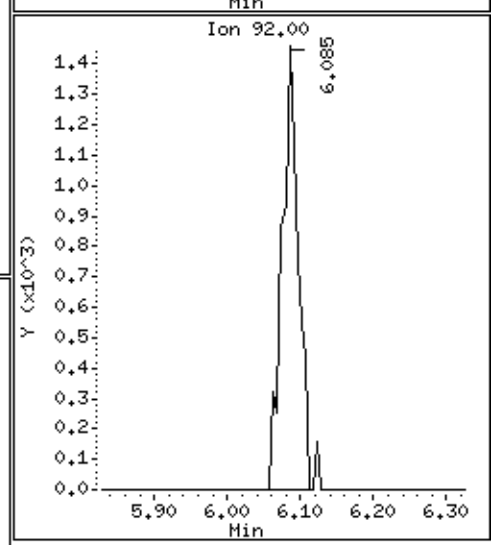












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a20.d

Date : 09-OCT-2017 20:54

Client ID: MW-0504-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760008x50

Purge Volume: 5.0

Operator: jlz

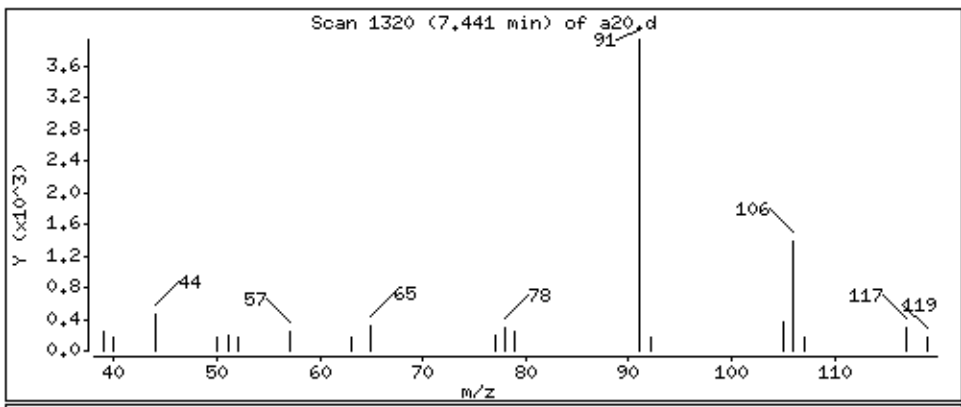
Column phase: DB-624

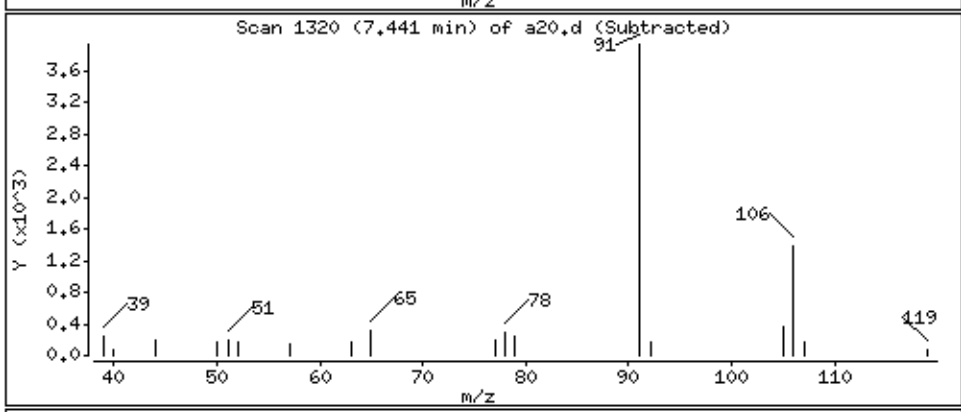
Column diameter: 0.18

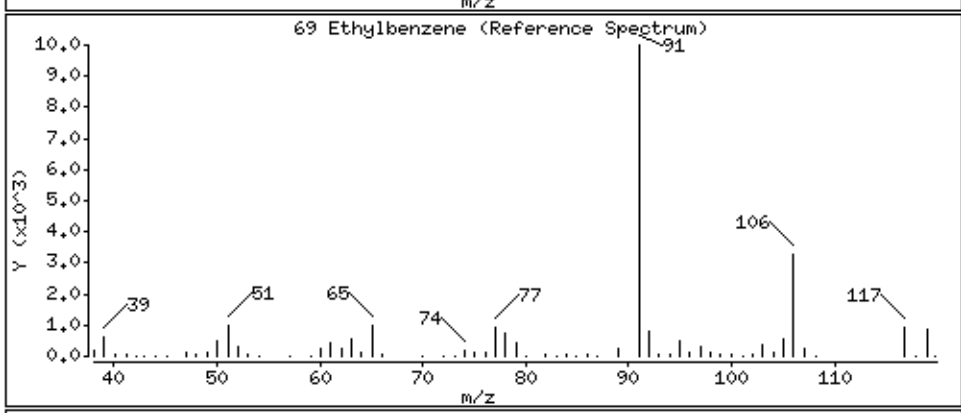
69 Ethylbenzene

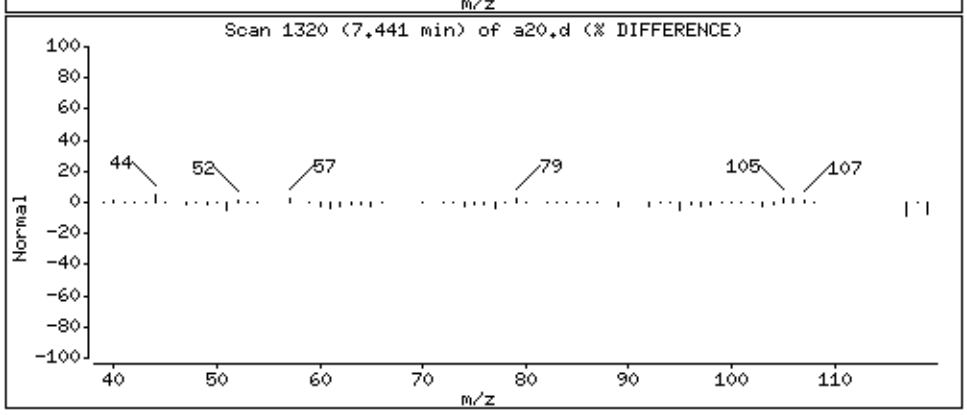
Concentration: 13.9 ppb

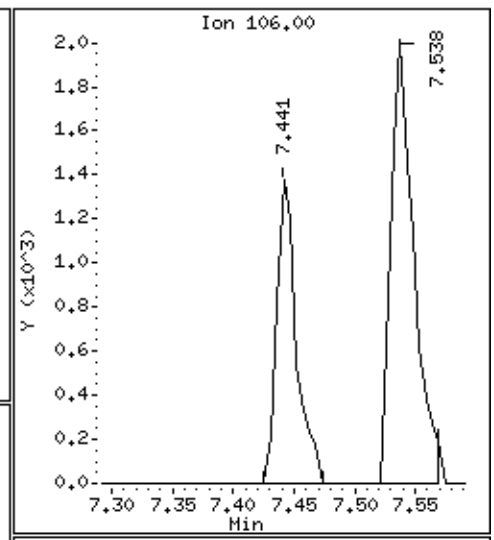
Review Code:

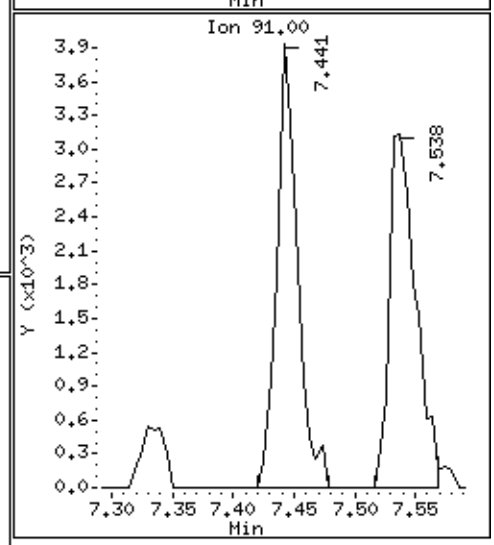












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/a20.d
Injection Date: 09-OCT-2017 20:54
Instrument: 50mv3a.i
Lab Sample ID: 50180760008
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0517-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 16:41 Lab Sample ID: 50180760009

Date Analyzed: 10/10/2017 16:41 Lab File ID: B101017.B\B10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	43.3	
156-60-5	trans-1,2-Dichloroethene	25.1	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0517-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 16:41 Lab Sample ID: 50180760009

Date Analyzed: 10/10/2017 16:41 Lab File ID: B101017.B\B10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	130	
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d
Lab Smp Id: 50180760009 Client Smp ID: MW-0517-S1 (092717)
Inj Date : 10-OCT-2017 16:41
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760009
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
12 Acetone	43	1.610	1.609	(0.387)	3525	14.8670	14.9	
22 1,2-Dichloroethene (trans)	96	2.042	2.041	(0.491)	43341	25.1195	25.1	
28 1,2-Dichloroethene (cis)	96	2.817	2.816	(0.677)	78399	43.2512	43.2(Q)	
$ 35 Dibromofluoromethane (S)	113	3.330	3.334	(0.800)	62998	49.3752	49.4	
* 44 Fluorobenzene (IS)	96	4.163	4.162	(1.000)	264943	50.0000		
45 Trichloroethene	95	4.611	4.610	(1.108)	232078	130.065	130	
$ 55 Toluene-d8 (S)	98	6.011	6.010	(0.819)	280454	48.4766	48.5	
56 Toluene	91	6.091	6.084	(0.830)	1699	0.20519	0.205	
* 65 Chlorobenzene-D5 (IS)	117	7.335	7.334	(1.000)	219174	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.158	8.157	(1.112)	97948	45.0611	45.1	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.835	(1.000)	112372	50.0000		

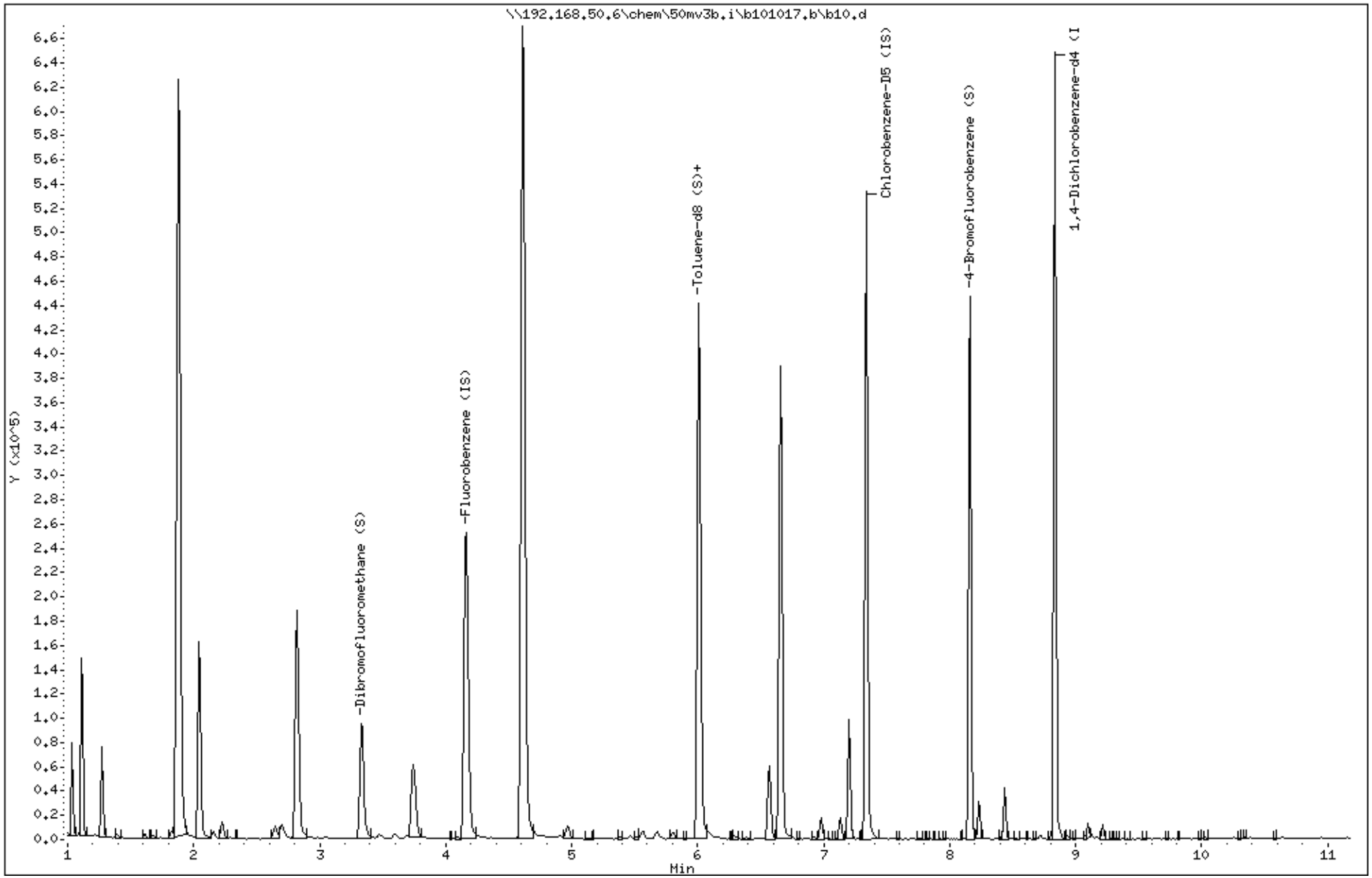
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d
Date : 10-OCT-2017 16:41
Client ID: MW-0517-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760009
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d

Date : 10-OCT-2017 16:41

Client ID: MW-0517-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760009

Purge Volume: 5.0

Operator: jlz

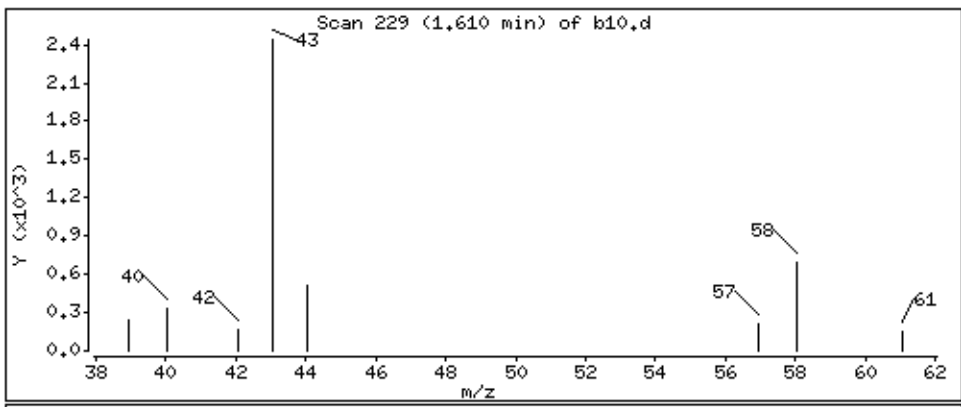
Column phase: DB-624

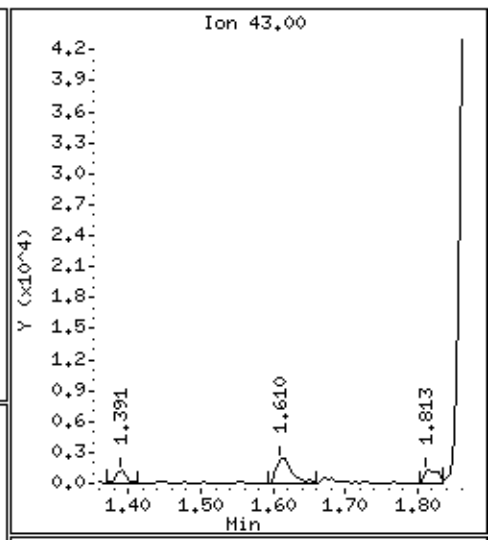
Column diameter: 0.18

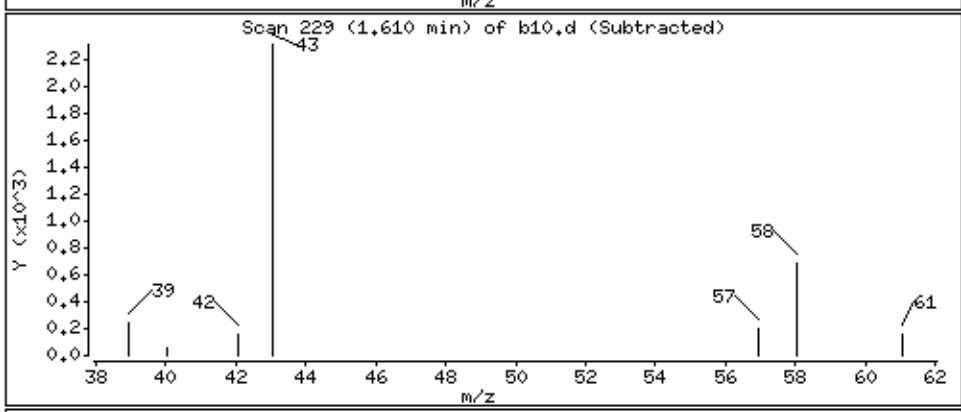
12 Acetone

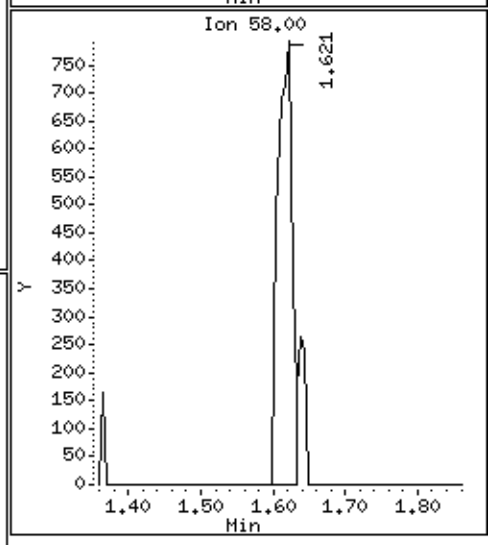
Concentration: 14.9 ppb

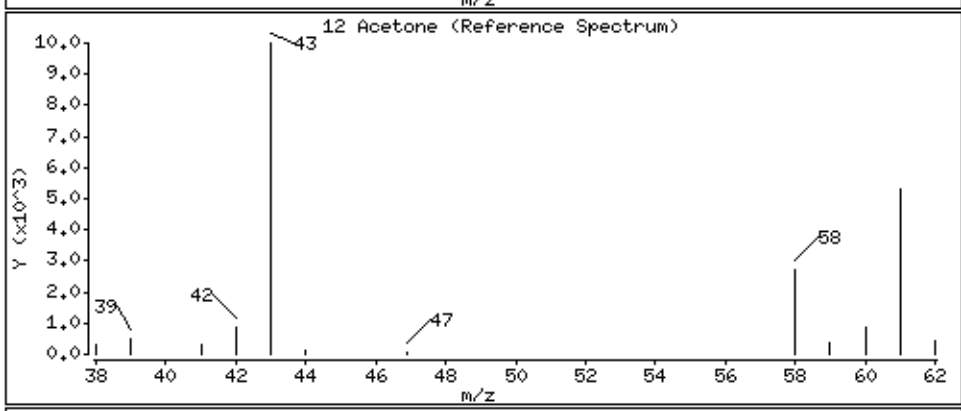
Review Code:

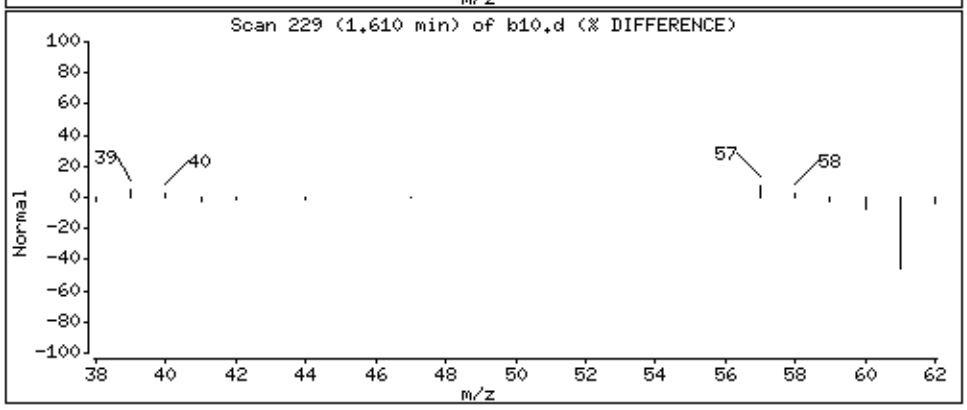












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d

Date : 10-OCT-2017 16:41

Client ID: MW-0517-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760009

Purge Volume: 5.0

Operator: jlz

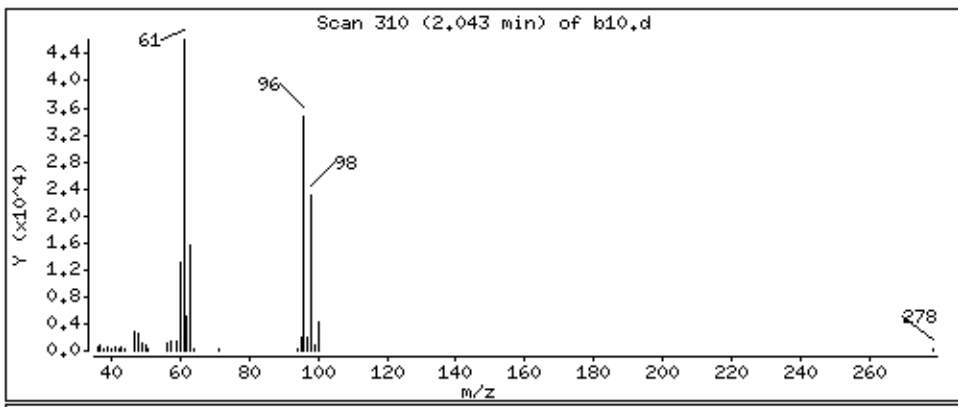
Column phase: DB-624

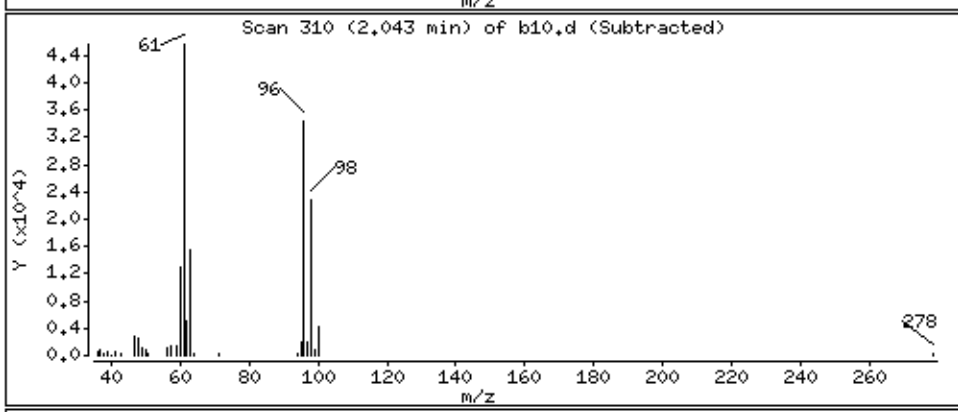
Column diameter: 0.18

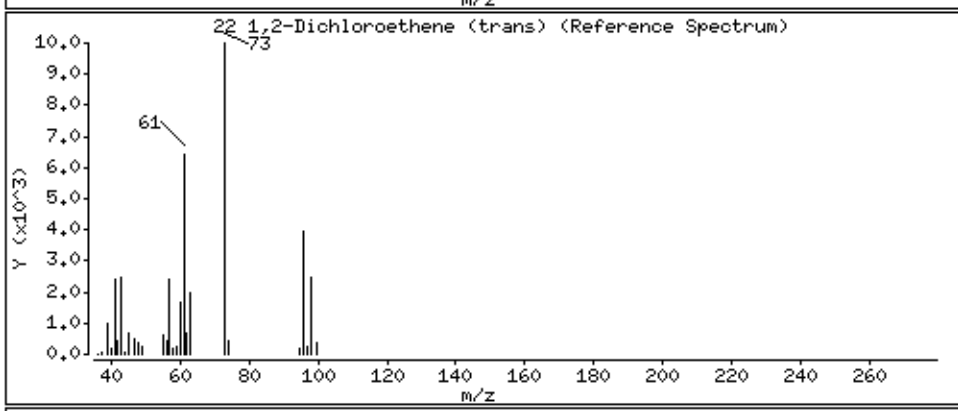
22 1,2-Dichloroethene (trans)

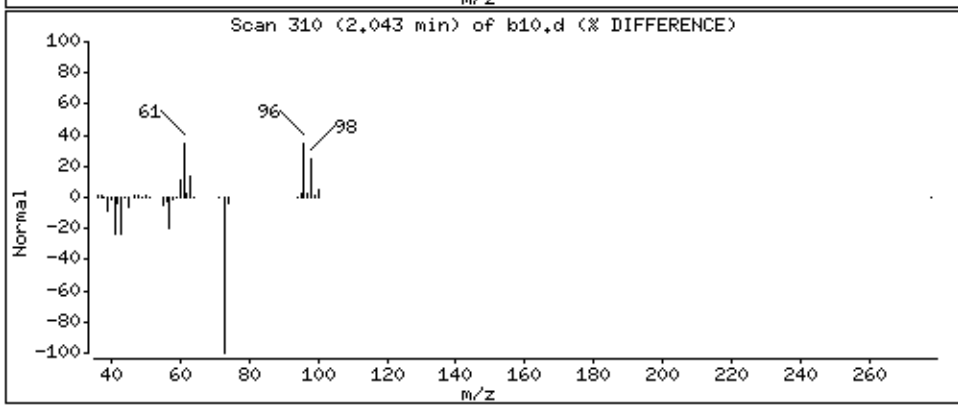
Concentration: 25.1 ppb

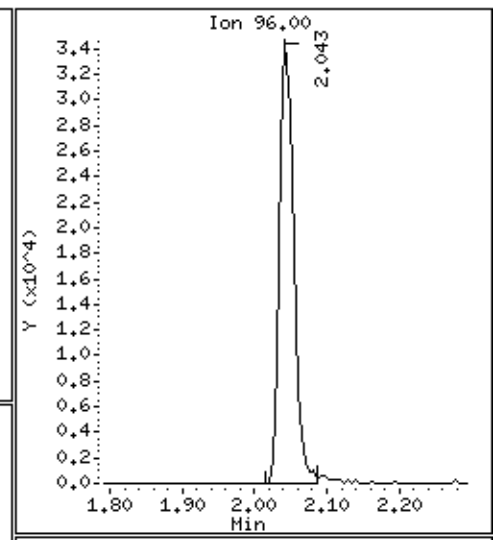
Review Code:

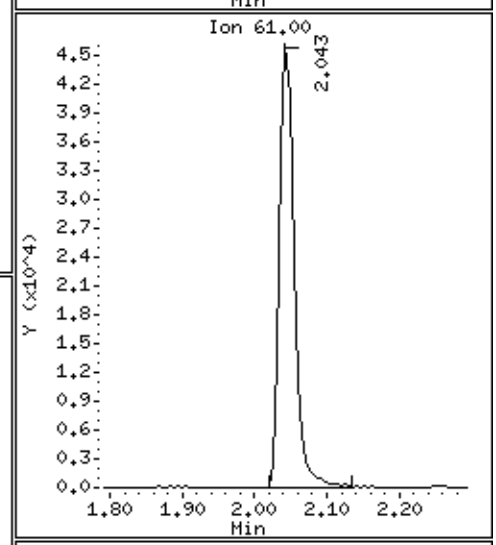


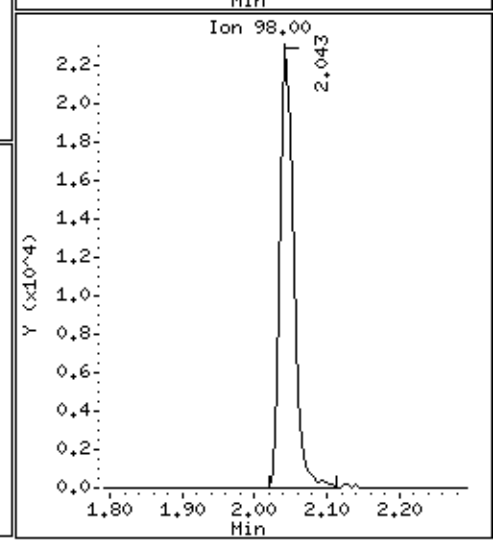












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d

Date : 10-OCT-2017 16:41

Client ID: MW-0517-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760009

Purge Volume: 5.0

Operator: jlz

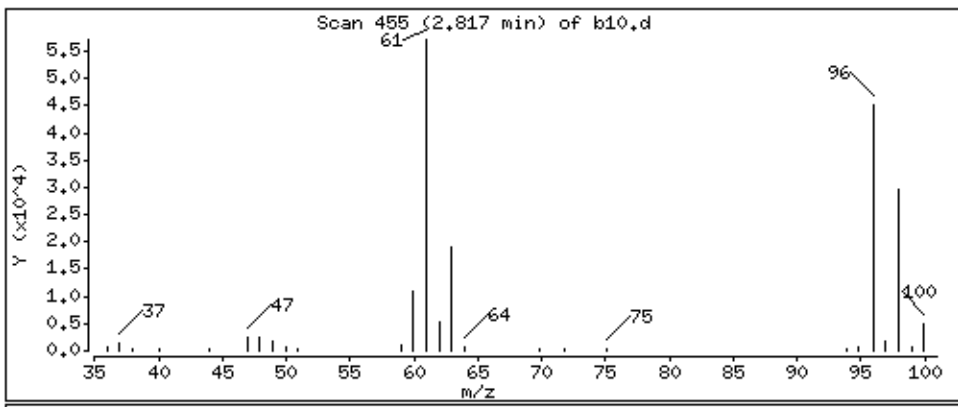
Column phase: DB-624

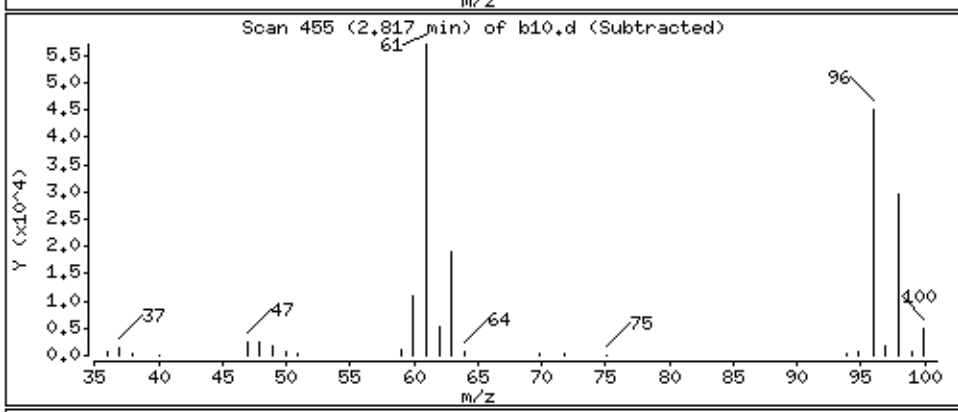
Column diameter: 0.18

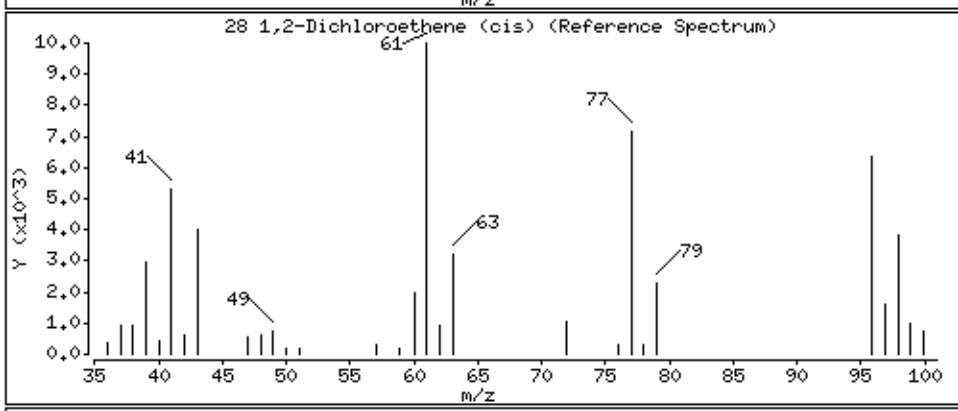
28 1,2-Dichloroethene (cis)

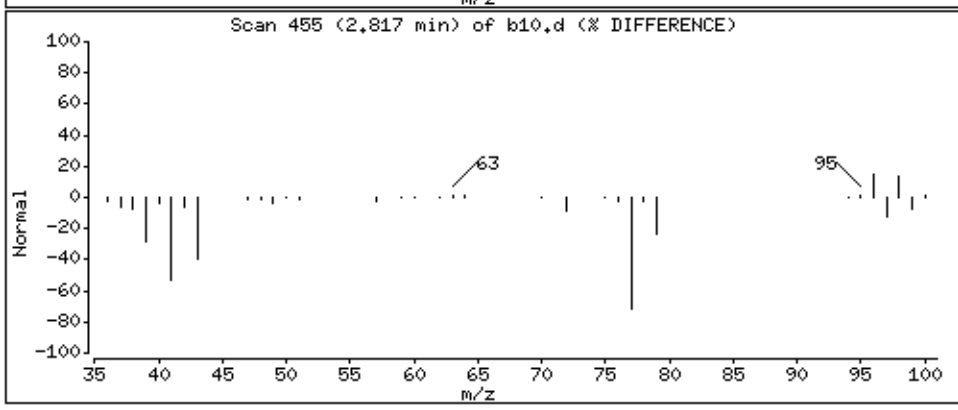
Concentration: 43.2 ppb

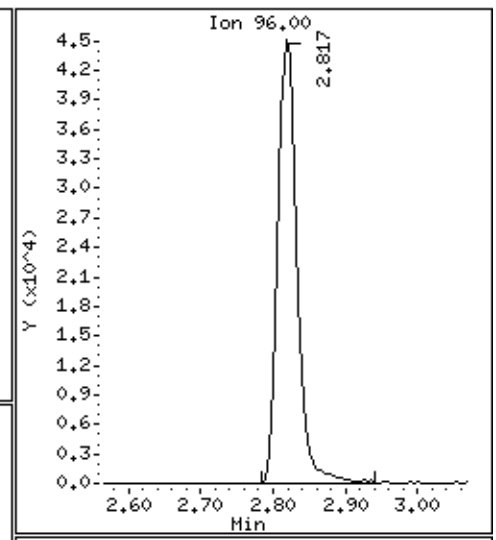
Review Code:

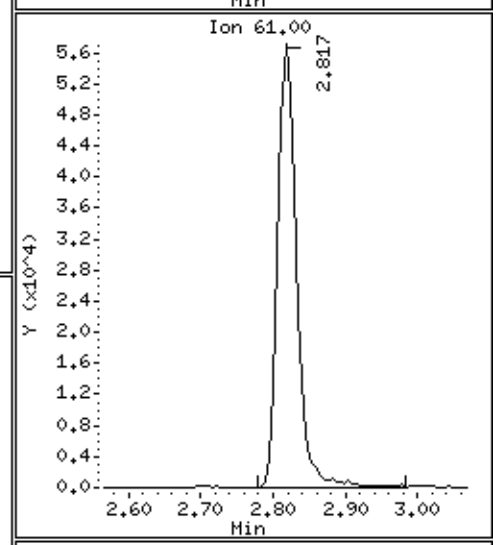


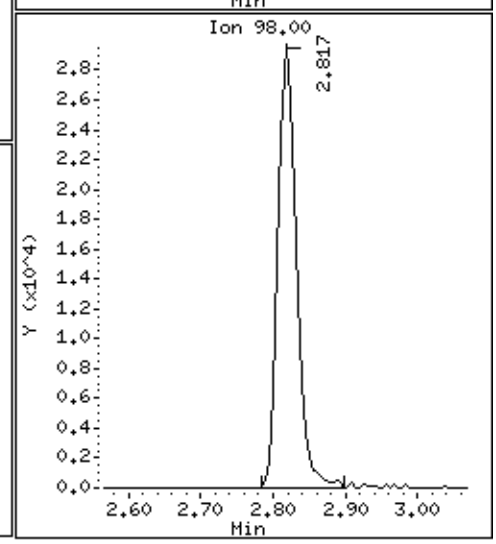












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d

Date : 10-OCT-2017 16:41

Client ID: MW-0517-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760009

Purge Volume: 5.0

Operator: jlz

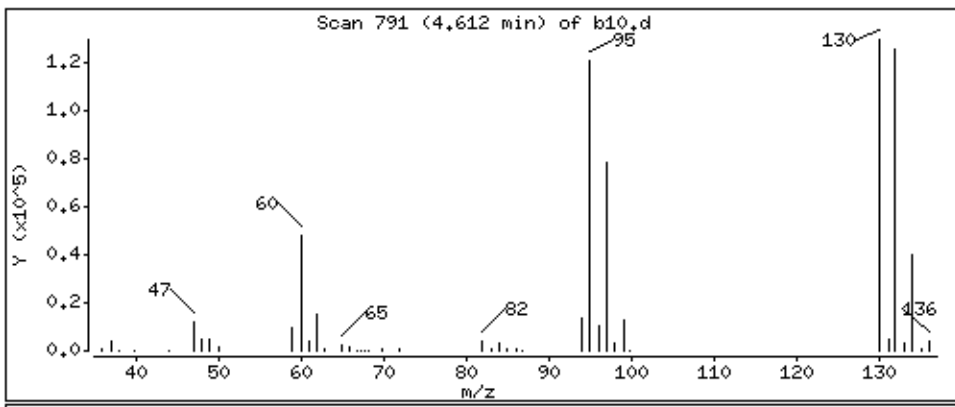
Column phase: DB-624

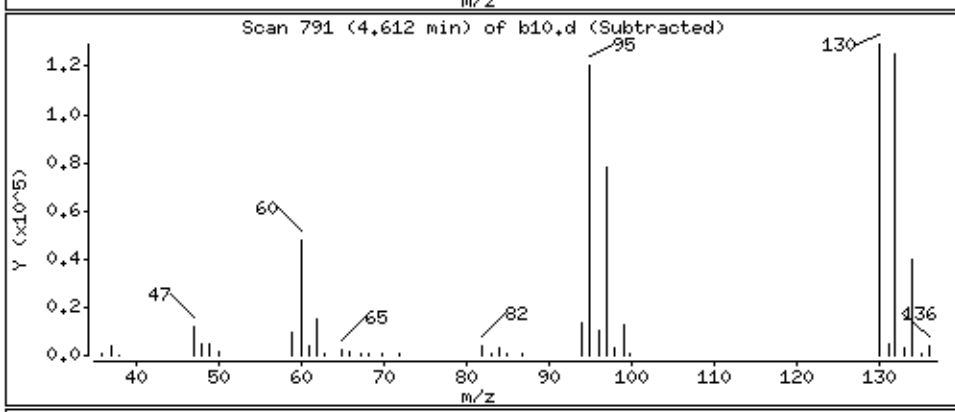
Column diameter: 0.18

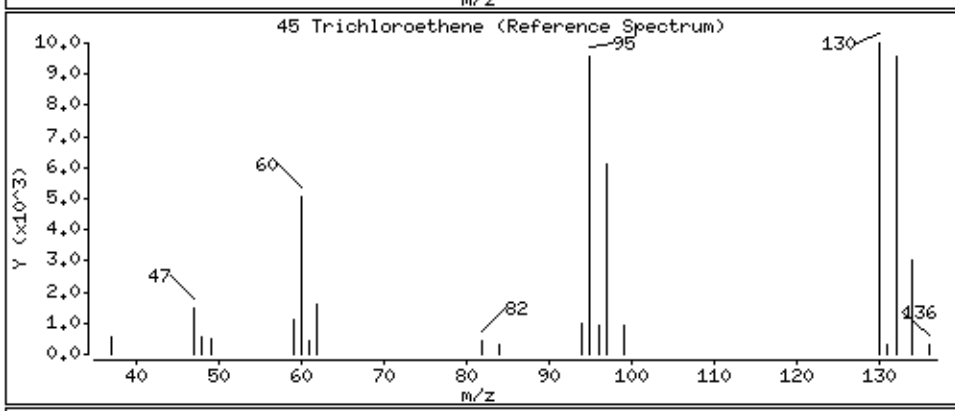
45 Trichloroethene

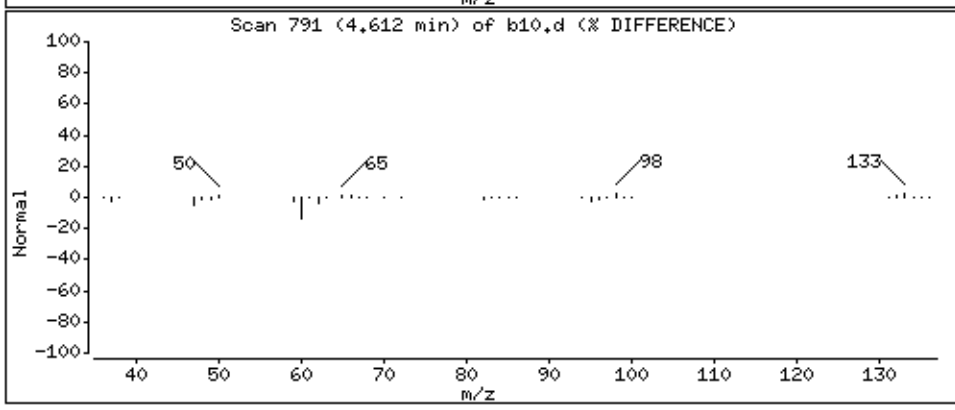
Concentration: 130 ppb

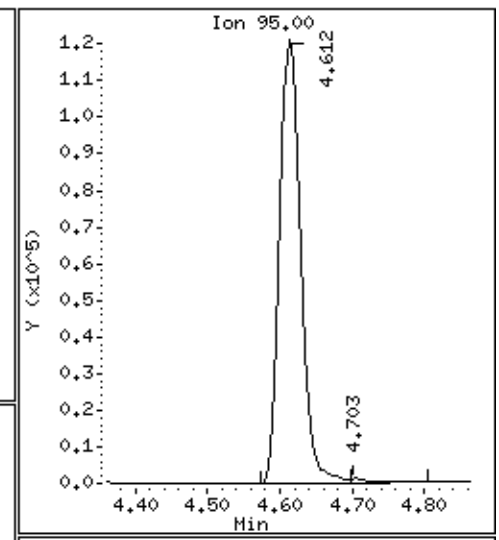
Review Code:

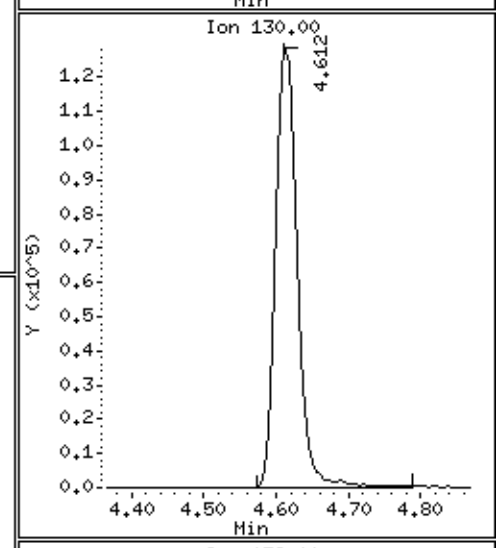


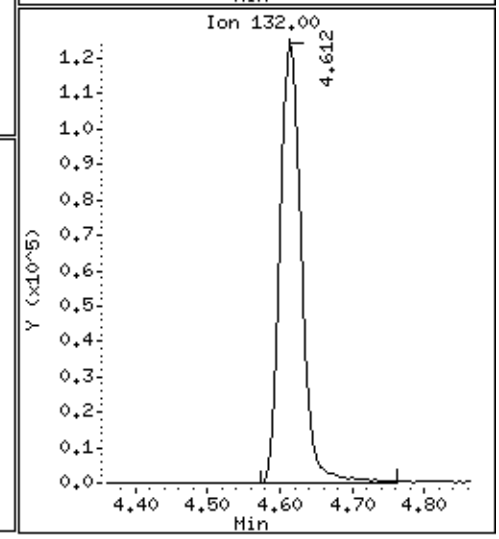












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b10.d

Date : 10-OCT-2017 16:41

Client ID: MW-0517-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760009

Purge Volume: 5.0

Operator: jlz

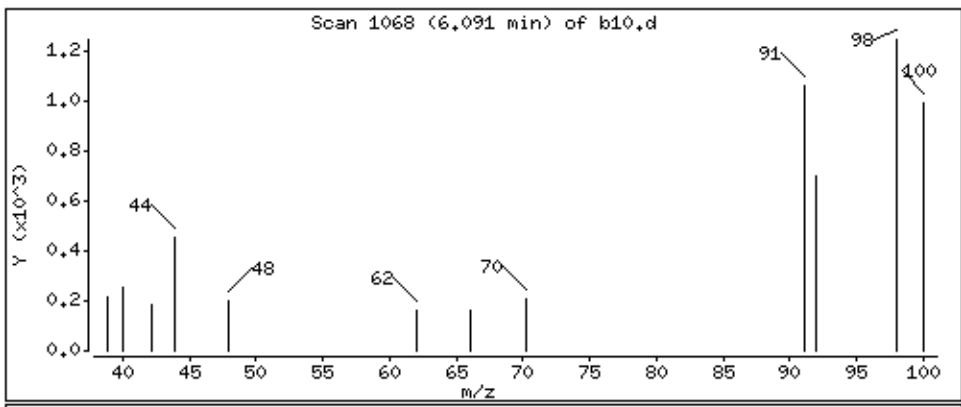
Column phase: DB-624

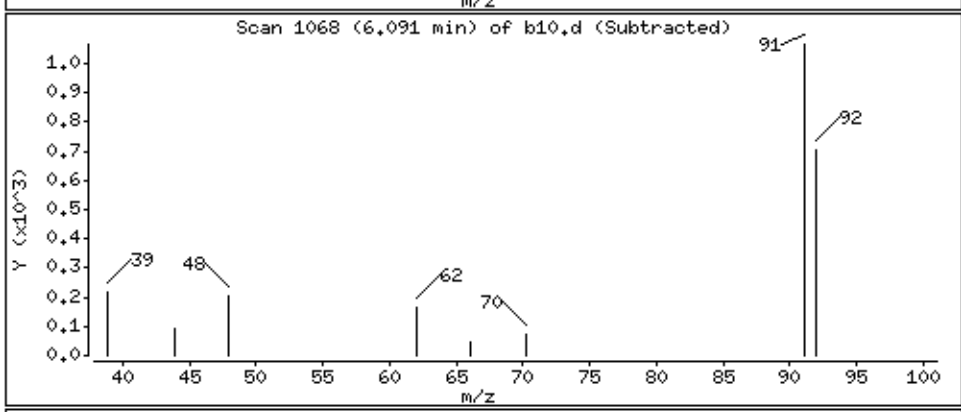
Column diameter: 0.18

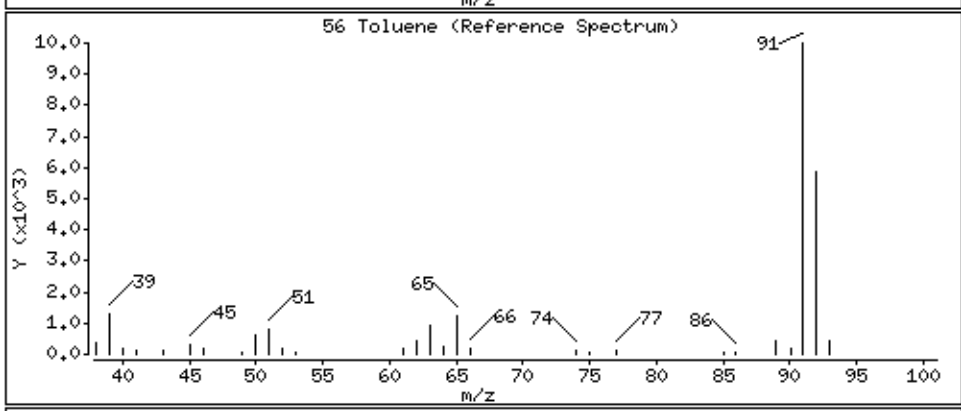
56 Toluene

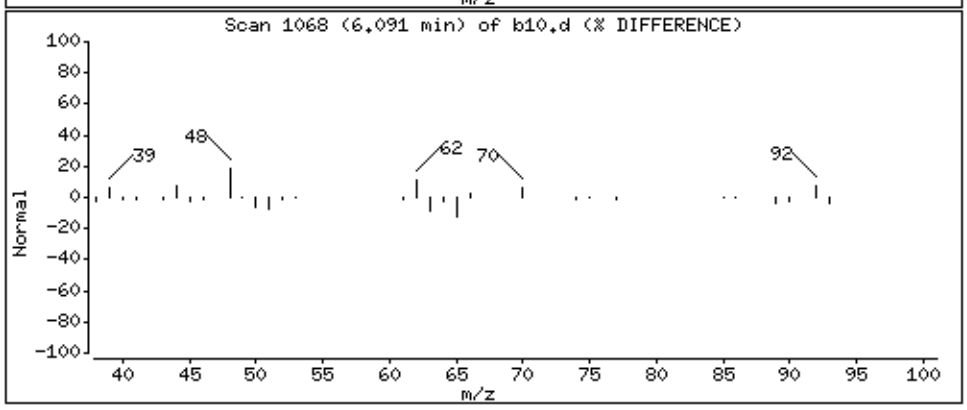
Concentration: 0.205 ppb

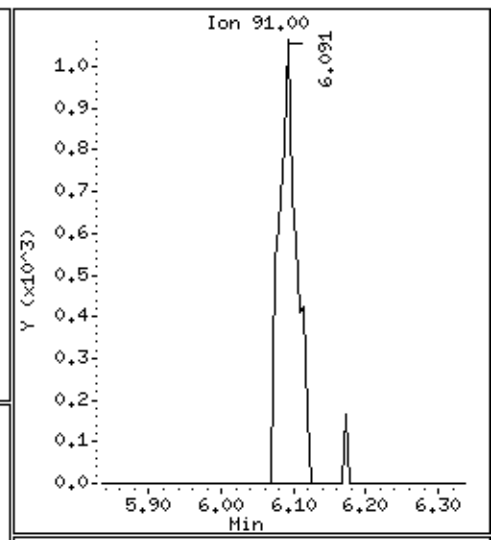
Review Code:

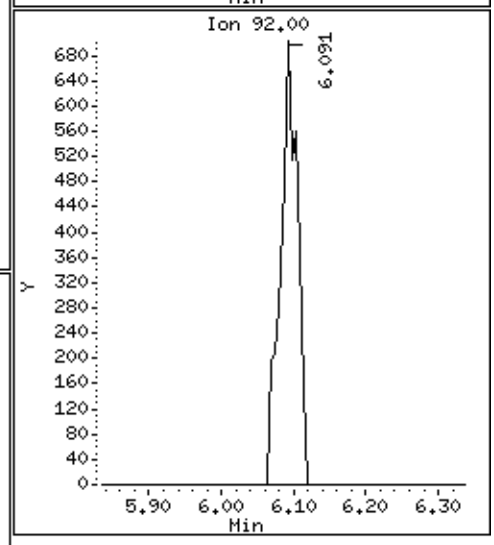












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b10.d
Injection Date: 10-OCT-2017 16:41
Instrument: 50mv3b.i
Lab Sample ID: 50180760009
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

FD-1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 17:13 Lab Sample ID: 50180760010

Date Analyzed: 10/10/2017 17:13 Lab File ID: B101017.B\B11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	44.9	
156-60-5	trans-1,2-Dichloroethene	25.2	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

FD-1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 17:13 Lab Sample ID: 50180760010

Date Analyzed: 10/10/2017 17:13 Lab File ID: B101017.B\B11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	127	
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d
Lab Smp Id: 50180760010 Client Smp ID: FD-1 (092717)
Inj Date : 10-OCT-2017 17:13
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760010
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.619	1.609	(0.389)	4444	17.9096	17.9	
22 1,2-Dichloroethene (trans)	96	2.046	2.041	(0.492)	45553	25.2277	25.2	
28 1,2-Dichloroethene (cis)	96	2.820	2.816	(0.678)	85186	44.9059	44.9(Q)	
$ 35 Dibromofluoromethane (S)	113	3.333	3.334	(0.801)	62487	46.7972	46.8	
* 44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	277271	50.0000		
45 Trichloroethene	95	4.615	4.610	(1.109)	237142	126.994	127	
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	279174	48.2109	48.2	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	219376	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.157	(1.112)	100730	46.2983	46.3	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	112008	50.0000		

QC Flag Legend

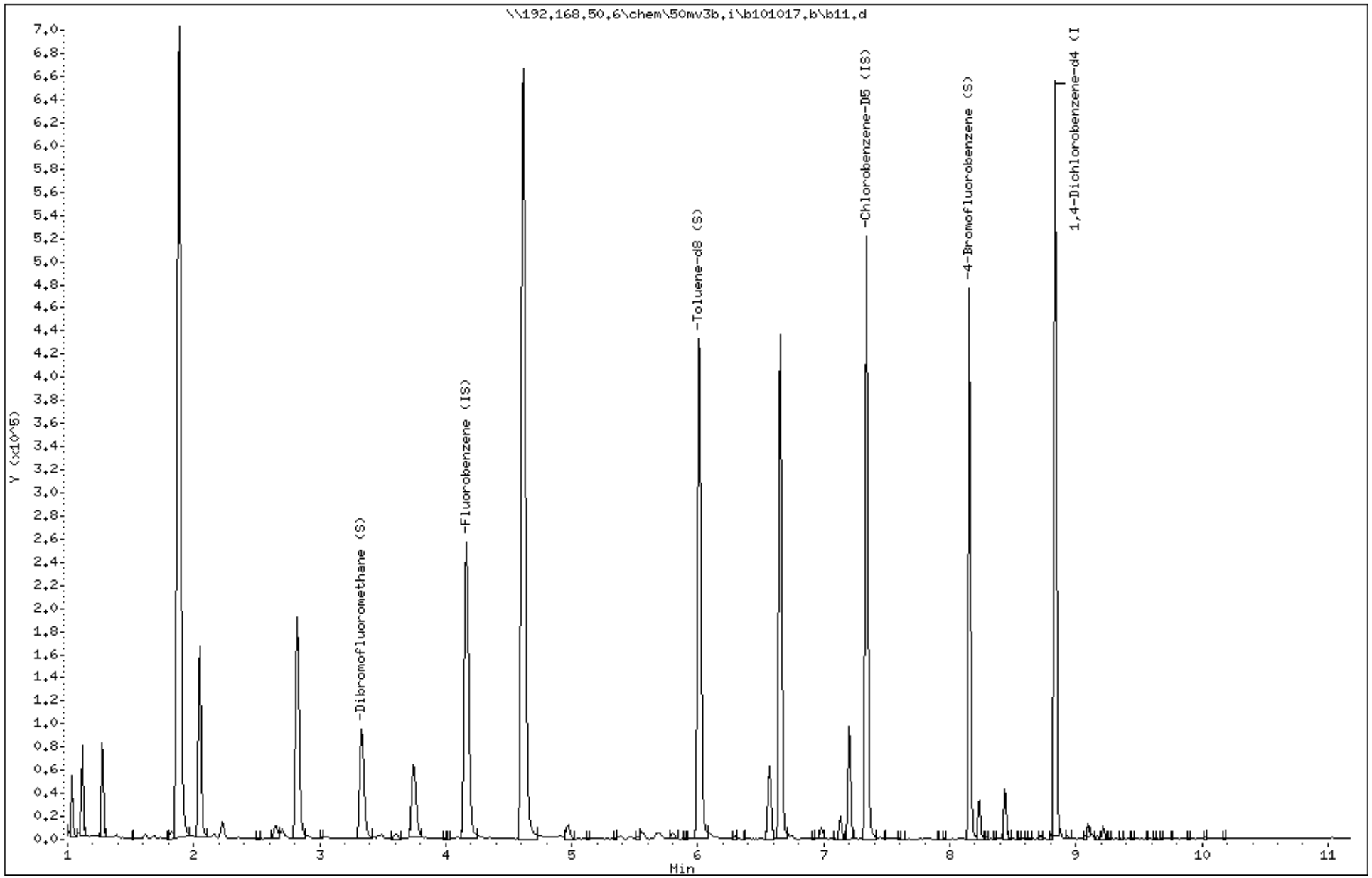
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d
Date : 10-OCT-2017 17:13
Client ID: FD-1 (092717)
Sample Info: 50180760010
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d

Date : 10-OCT-2017 17:13

Client ID: FD-1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760010

Purge Volume: 5.0

Operator: jlz

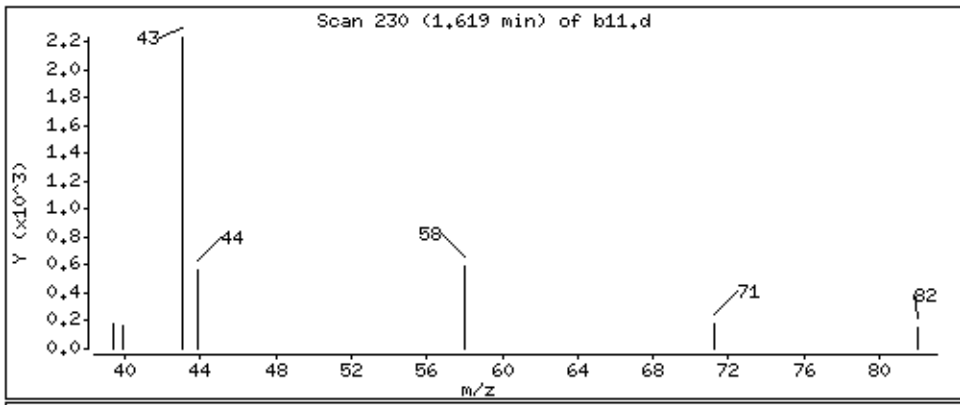
Column phase: DB-624

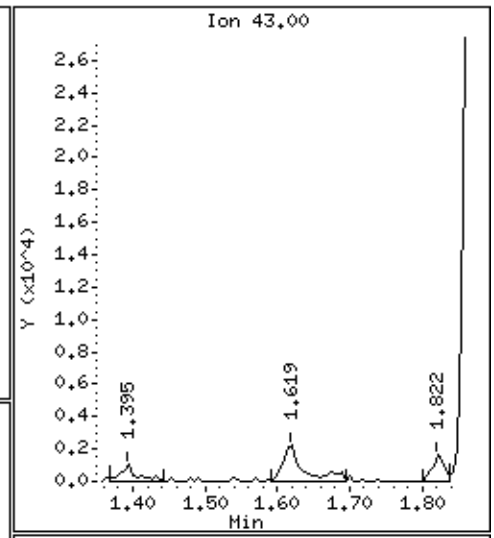
Column diameter: 0.18

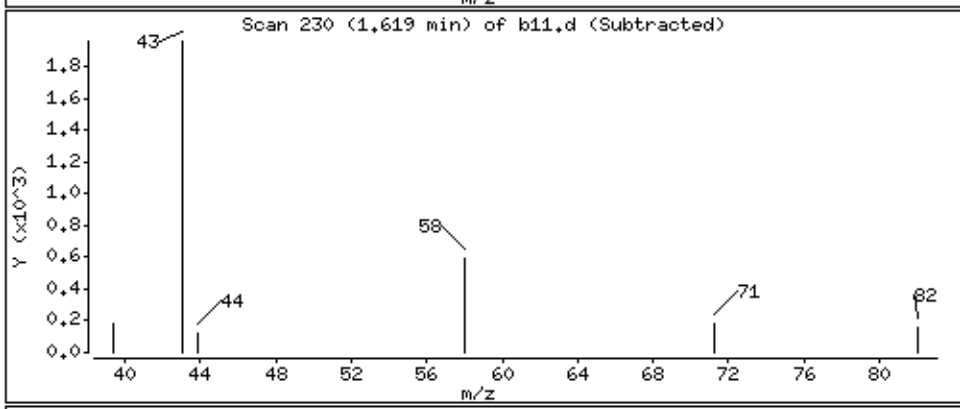
12 Acetone

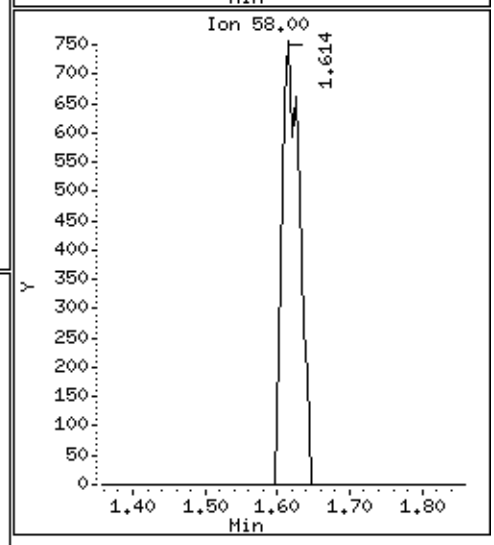
Concentration: 17.9 ppb

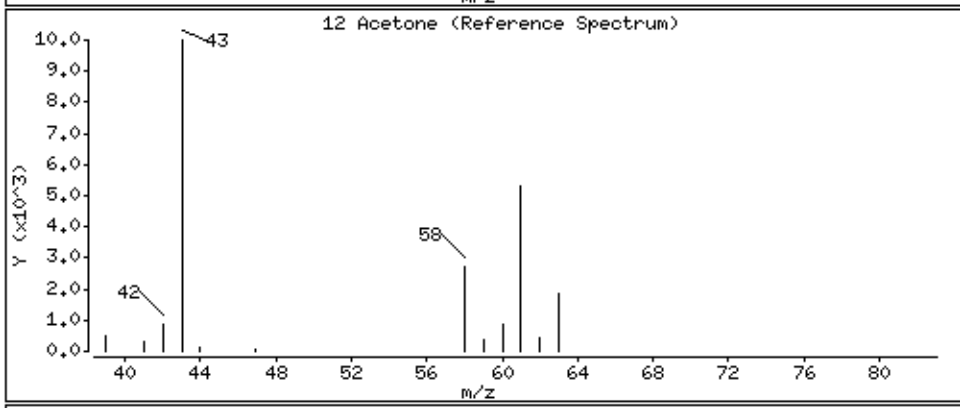
Review Code:

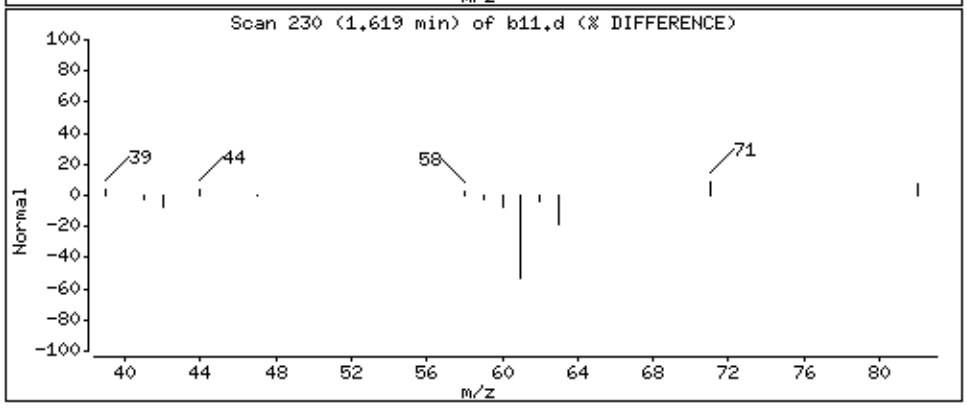












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d

Date : 10-OCT-2017 17:13

Client ID: FD-1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760010

Purge Volume: 5.0

Operator: jlz

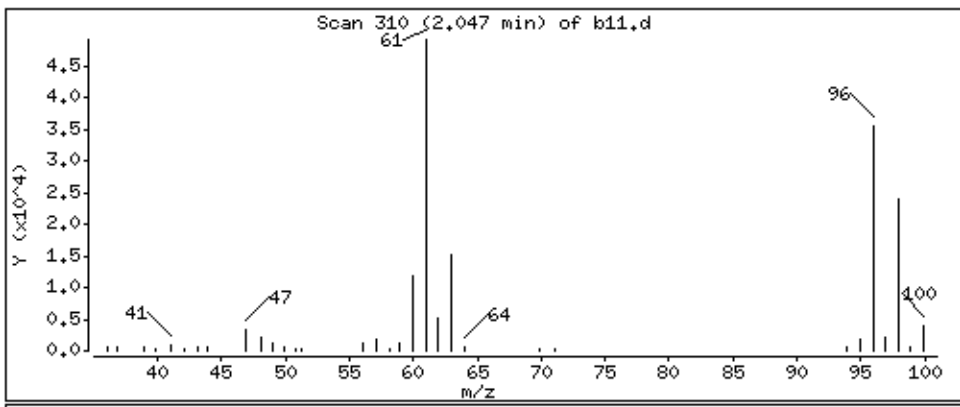
Column phase: DB-624

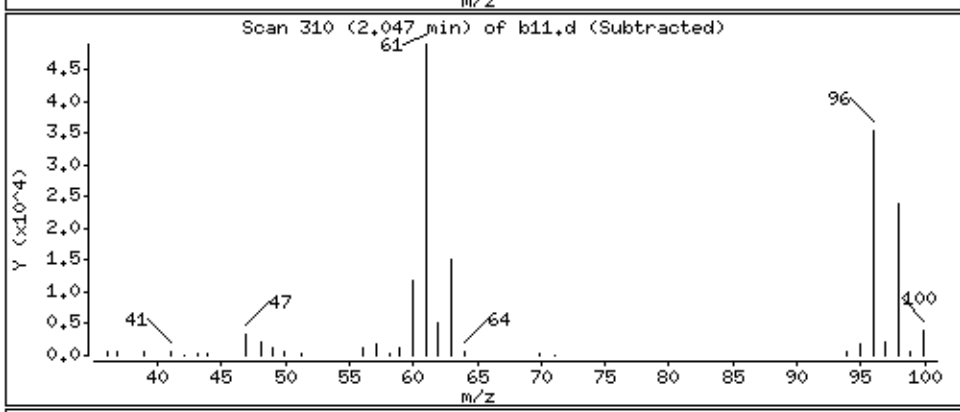
Column diameter: 0.18

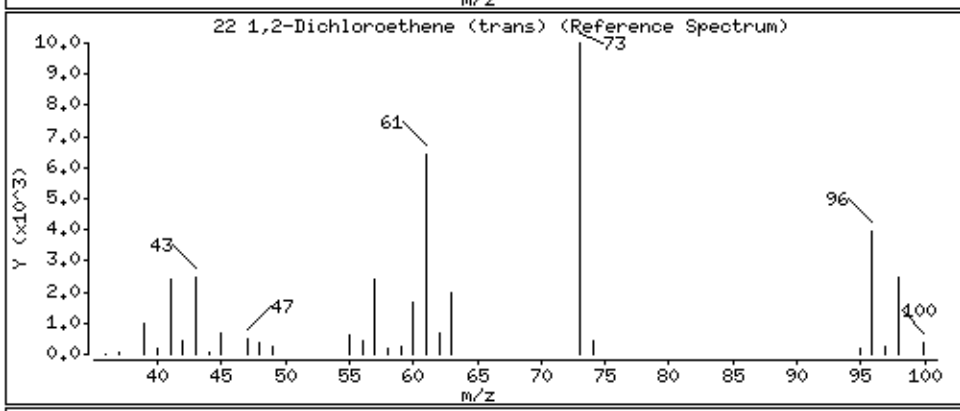
22 1,2-Dichloroethene (trans)

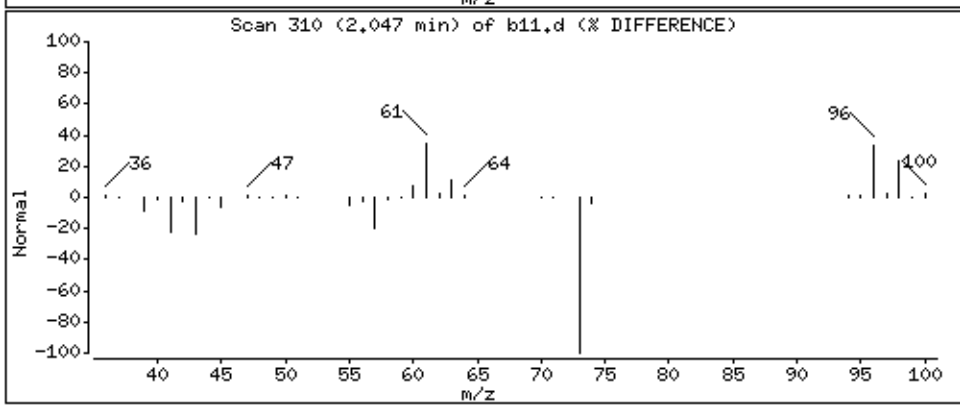
Concentration: 25.2 ppb

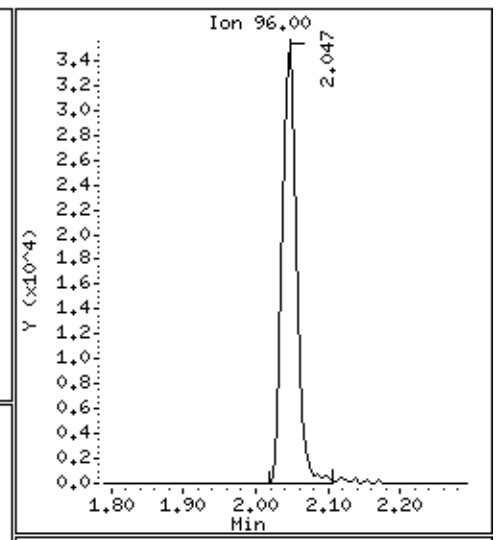
Review Code:

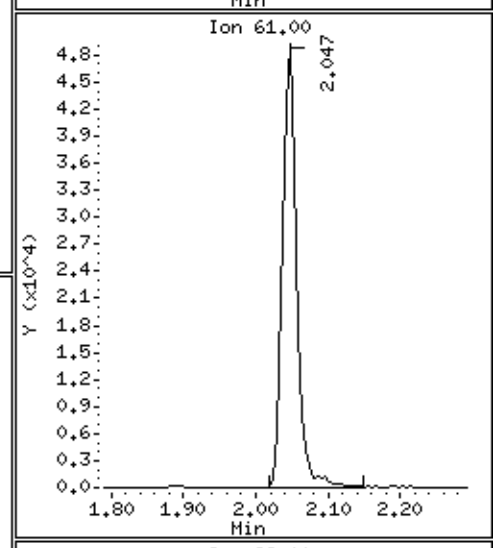


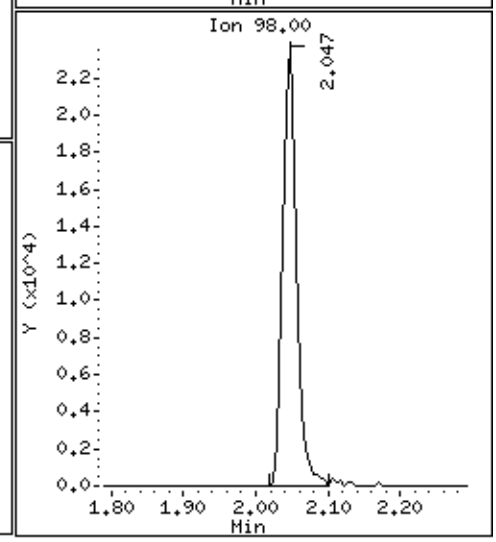












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d

Date : 10-OCT-2017 17:13

Client ID: FD-1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760010

Purge Volume: 5.0

Operator: jlz

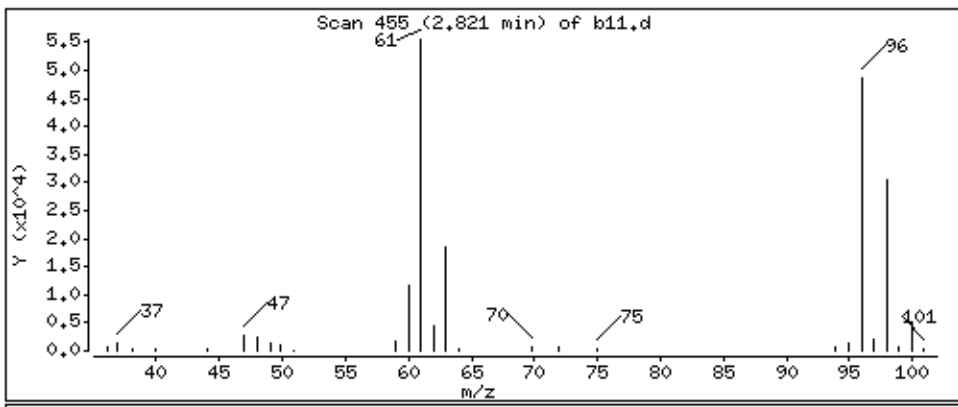
Column phase: DB-624

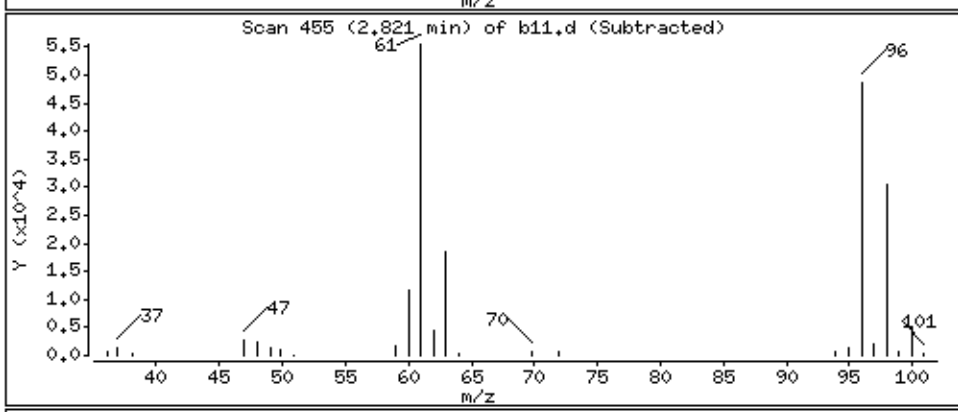
Column diameter: 0.18

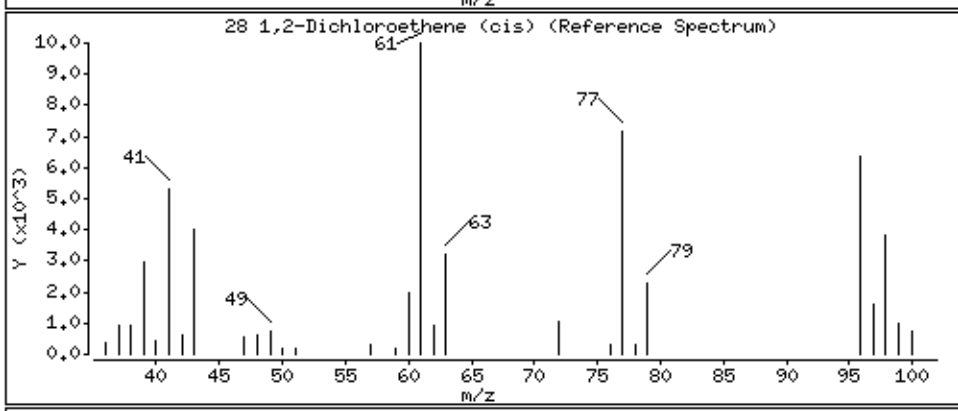
28 1,2-Dichloroethene (cis)

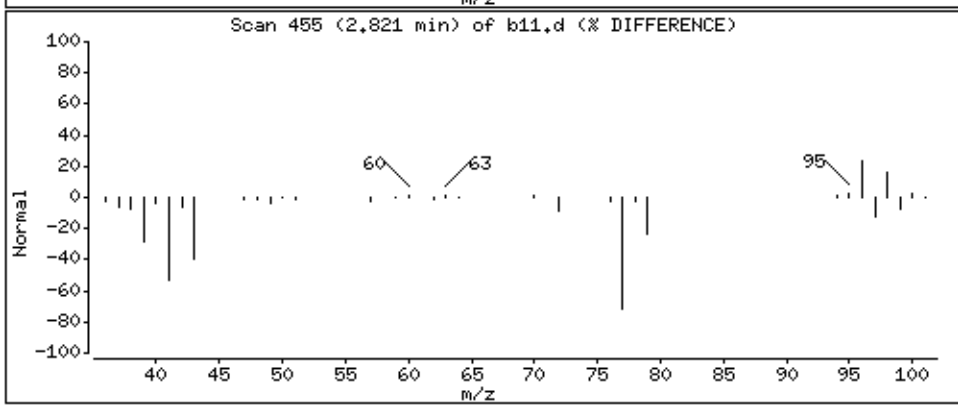
Concentration: 44.9 ppb

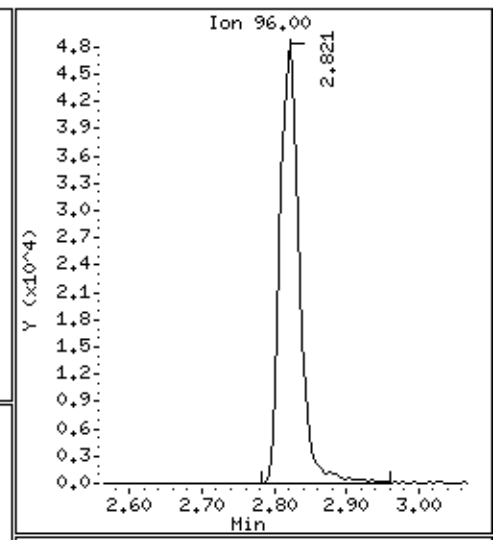
Review Code:

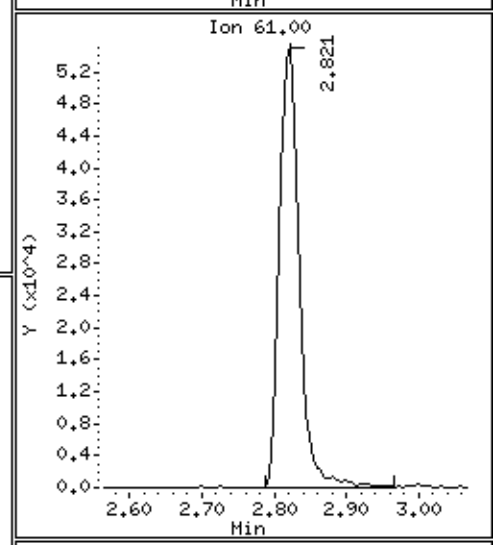


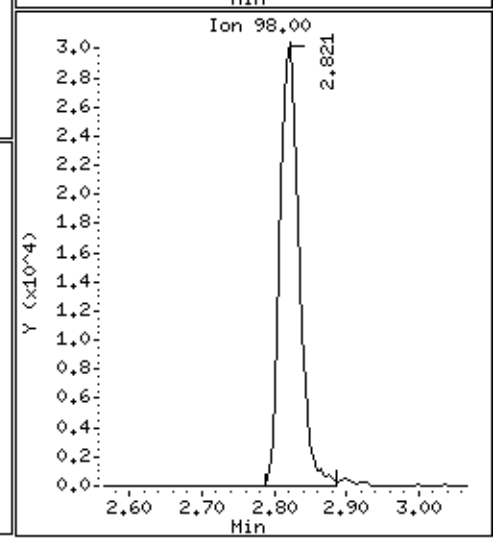












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b11.d

Date : 10-OCT-2017 17:13

Client ID: FD-1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760010

Purge Volume: 5.0

Operator: jlz

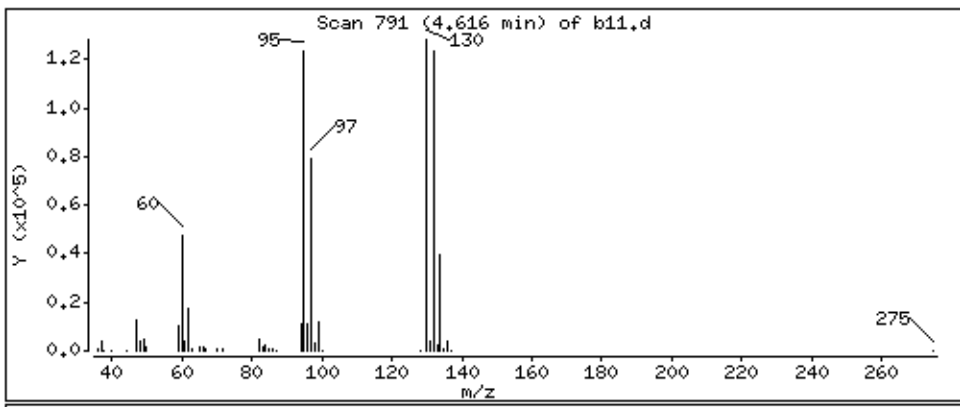
Column phase: DB-624

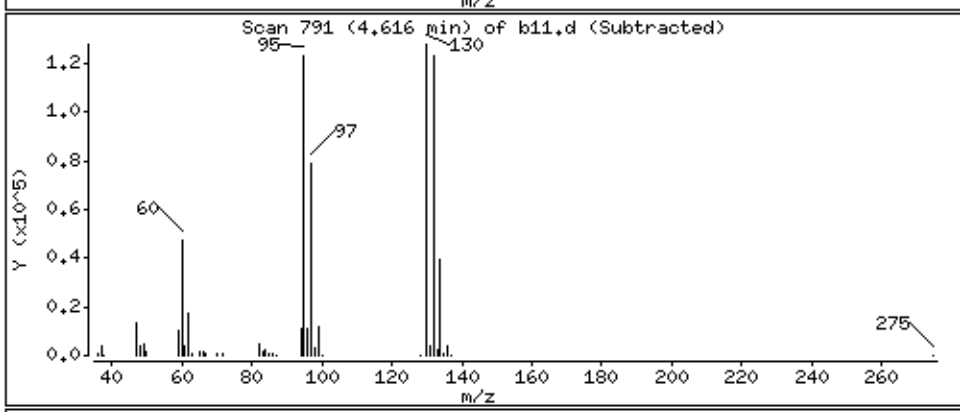
Column diameter: 0.18

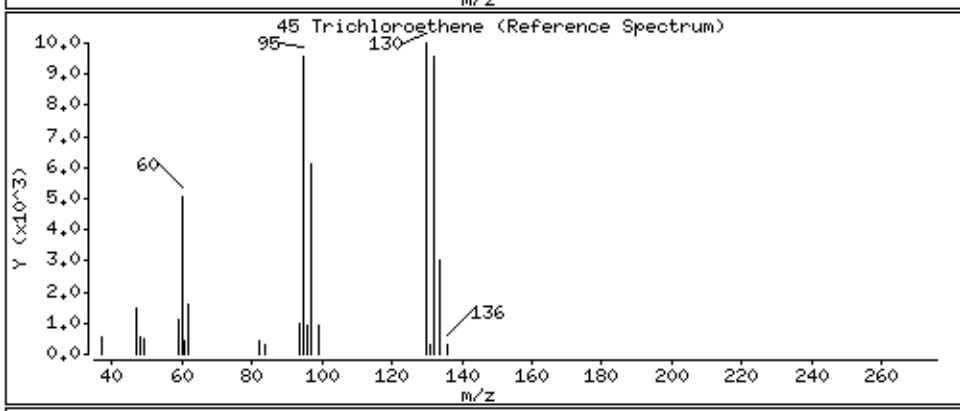
45 Trichloroethene

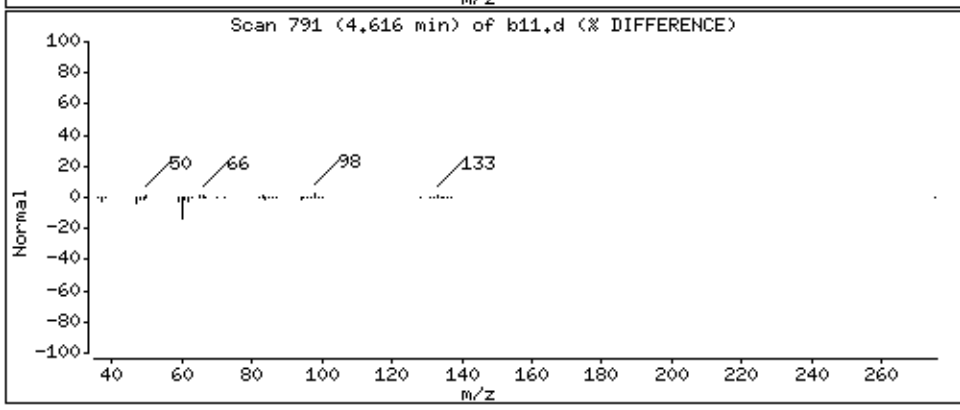
Concentration: 127 ppb

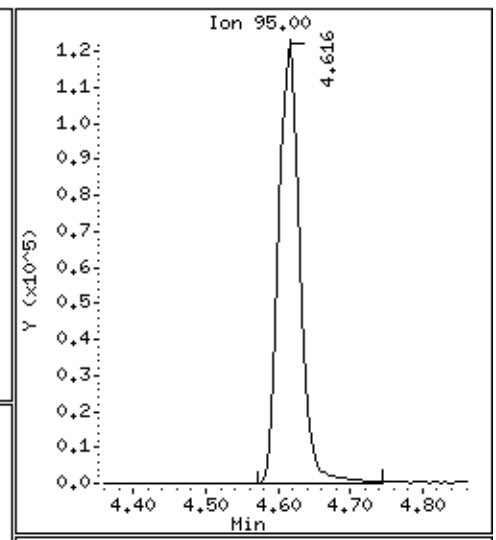
Review Code:

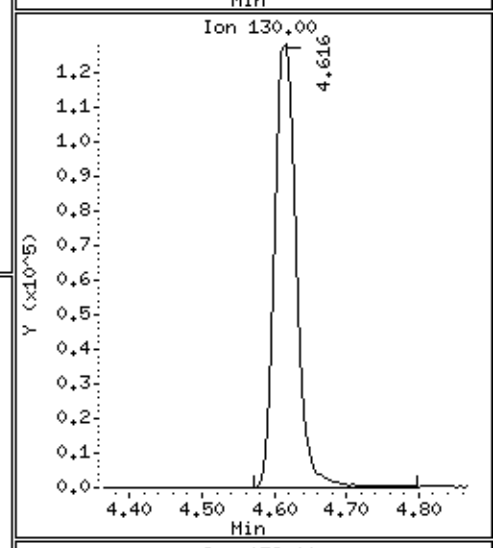


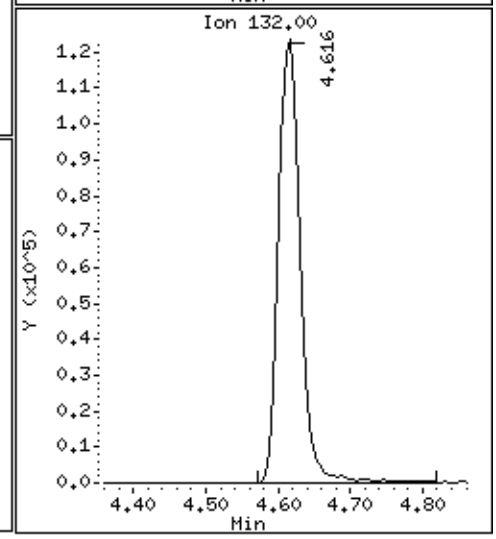












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b11.d
Injection Date: 10-OCT-2017 17:13
Instrument: 50mv3b.i
Lab Sample ID: 50180760010
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0101-S1U (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:56 Lab Sample ID: 50180760011

Date Analyzed: 10/06/2017 06:56 Lab File ID: A100517.B\C17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 100 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	8670	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0101-S1U (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:56 Lab Sample ID: 50180760011

Date Analyzed: 10/06/2017 06:56 Lab File ID: A100517.B\C17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 100 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	268	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d
Lab Smp Id: 50180760011 Client Smp ID: MW-0101-S1U (092717
Inj Date : 06-OCT-2017 06:56
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760011x100
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 81
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.031	1.033	(0.249)	13551	2.67983	268	
	7 Diethyl ether	74	1.458	1.460	(0.351)	3412	1.57872	158	
	22 1,2-Dichloroethene (trans)	96	2.035	2.026	(0.490)	3916	0.93338	93.3	
	28 1,2-Dichloroethene (cis)	96	2.804	2.806	(0.676)	384638	86.7044	8670(Q)	
$	35 Dibromofluoromethane (S)	113	3.317	3.319	(0.799)	168216	47.6610	47.7	
*	45 Fluorobenzene (IS)	96	4.150	4.152	(1.000)	714814	50.0000		
	46 Trichloroethene	95	4.604	4.606	(1.109)	4824	1.16231	116	
$	56 Toluene-d8 (S)	98	6.004	6.006	(0.819)	657354	49.0048	49.0	
	57 Toluene	91	6.084	6.080	(0.830)	3379	0.20021	20.0	
*	66 Chlorobenzene-D5 (IS)	117	7.333	7.335	(1.000)	447107	50.0000		
	69 Ethylbenzene	106	7.446	7.437	(1.015)	1234	0.21277	21.3	
$	75 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.112)	174897	47.5496	47.5	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.831	(1.000)	161099	50.0000		

QC Flag Legend

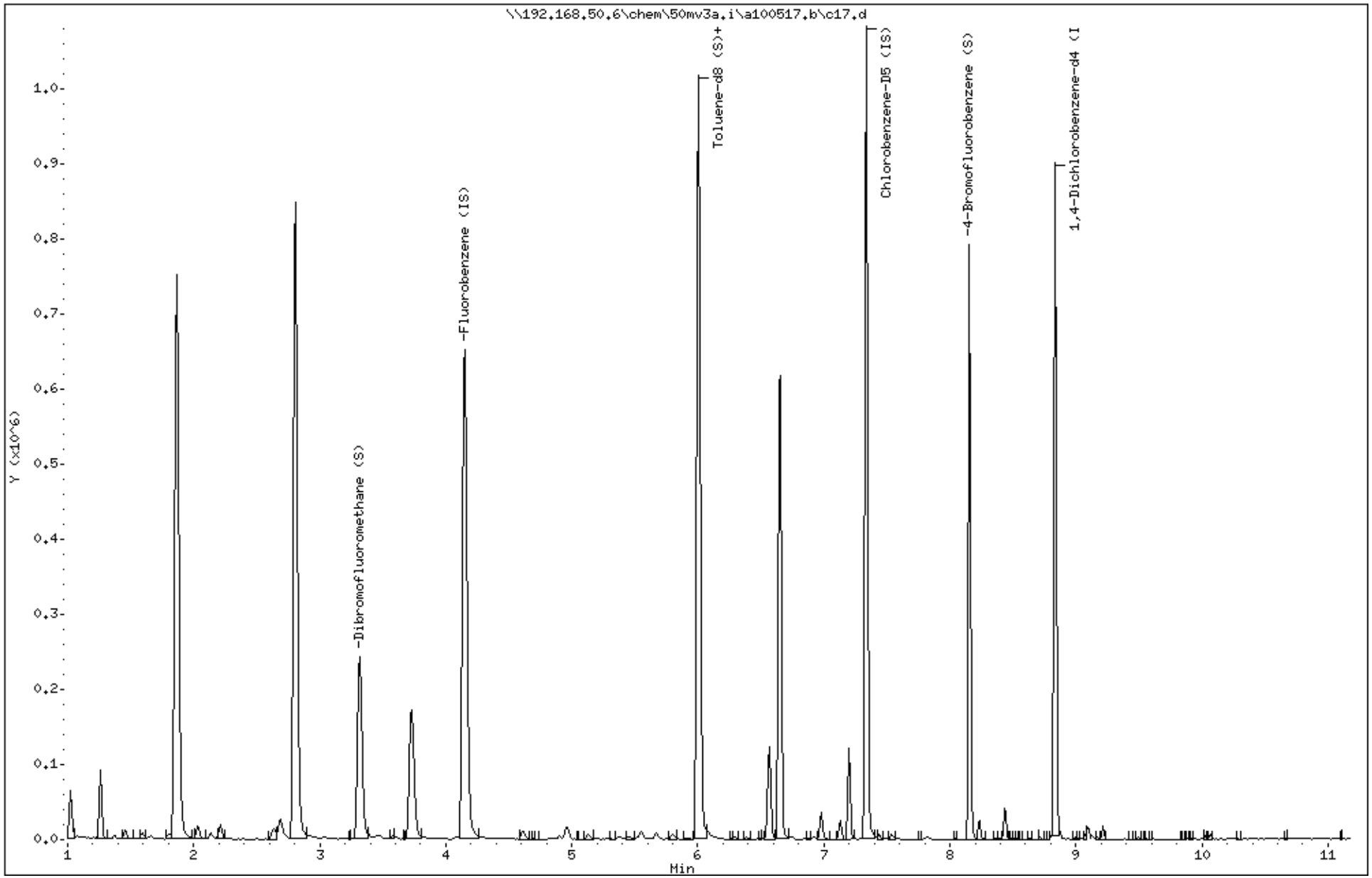
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d
Date : 06-OCT-2017 06:56
Client ID: MW-0101-S1U (092717
Sample Info: 50180760011x100
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

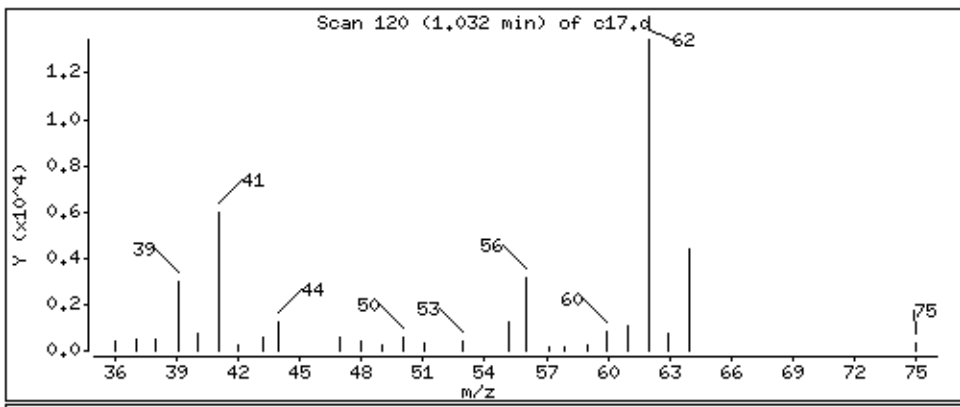
Column phase: DB-624

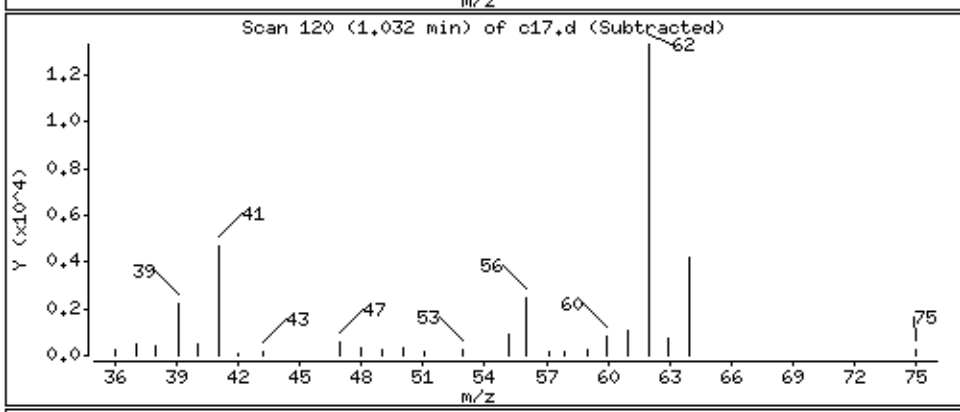
Column diameter: 0.18

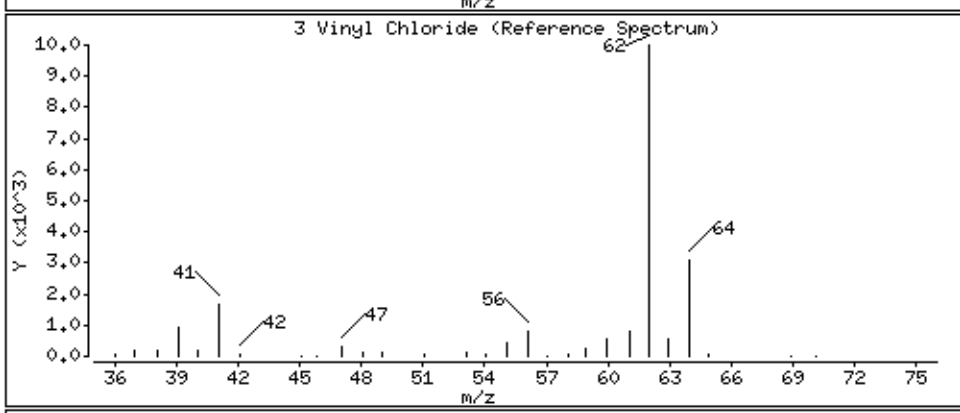
3 Vinyl Chloride

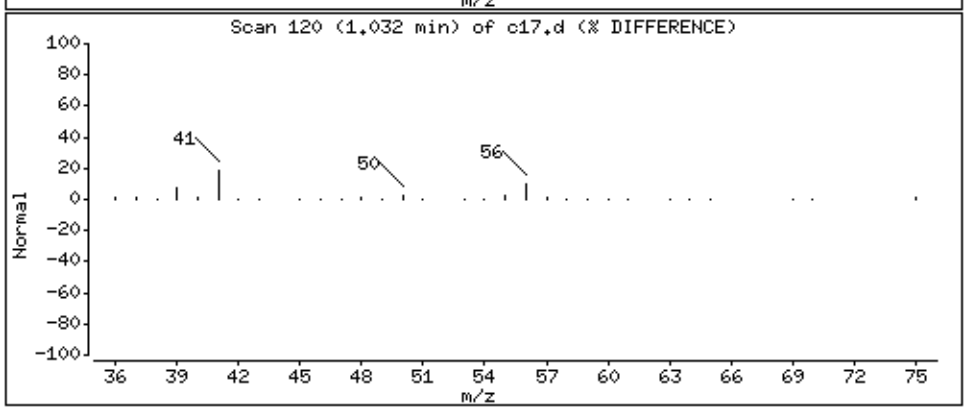
Concentration: 268 ppb

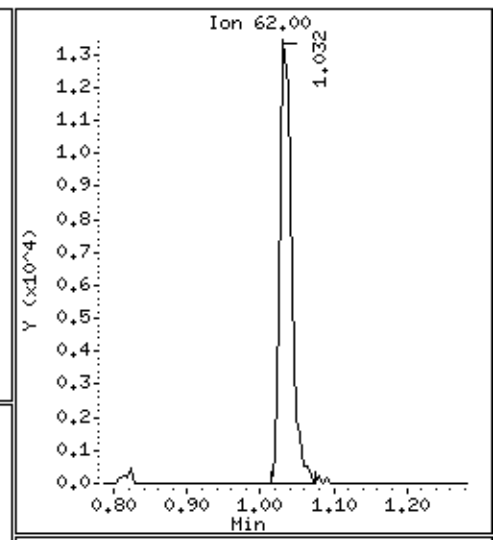
Review Code:

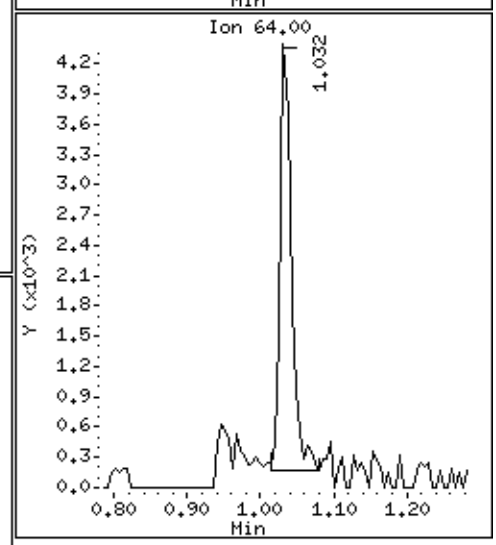












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

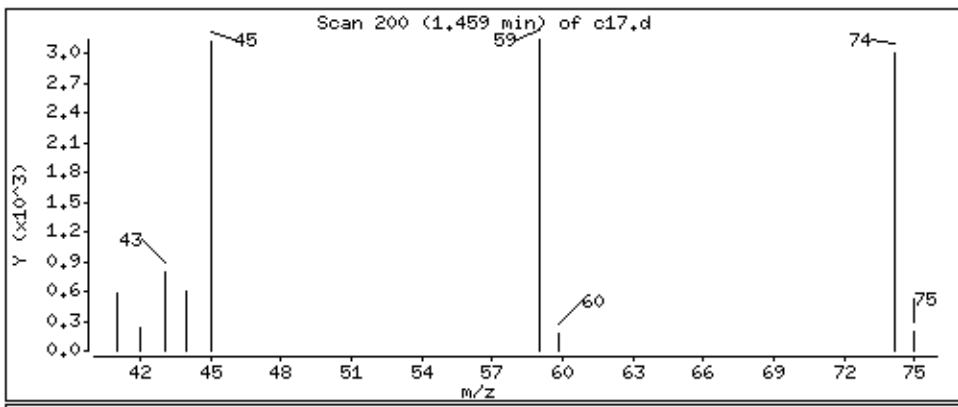
Column phase: DB-624

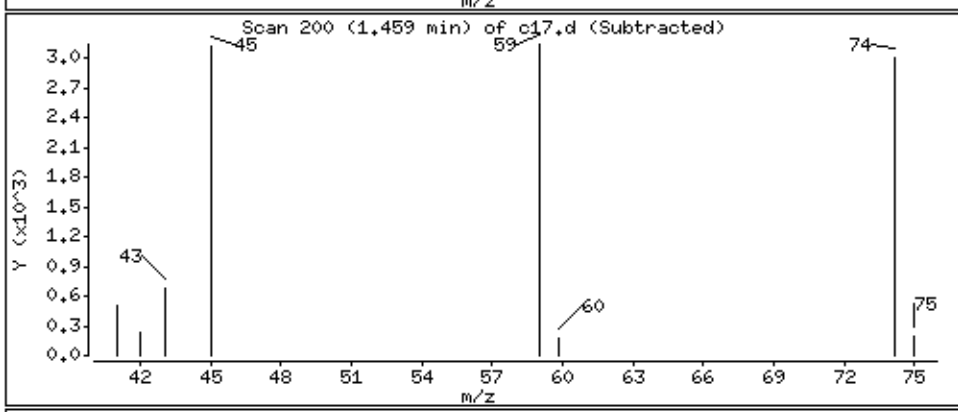
Column diameter: 0.18

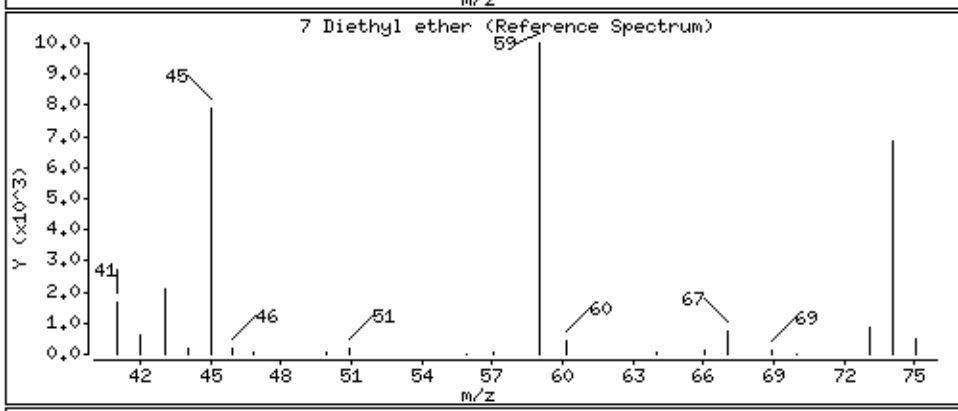
7 Diethyl ether

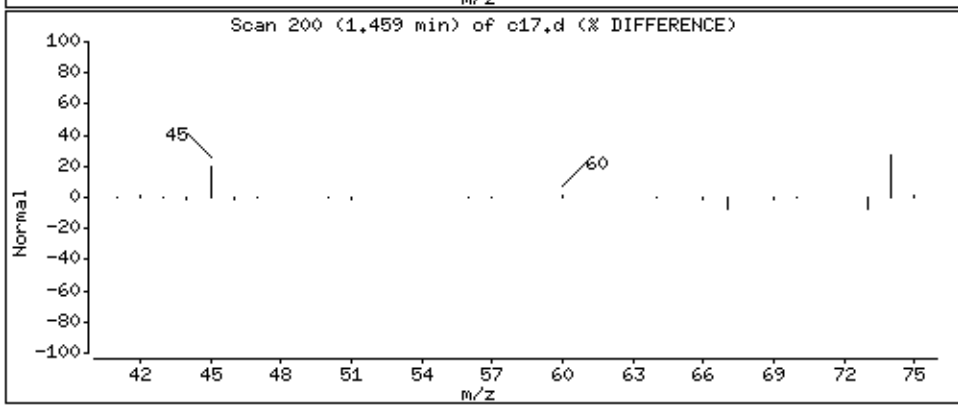
Concentration: 158 ppb

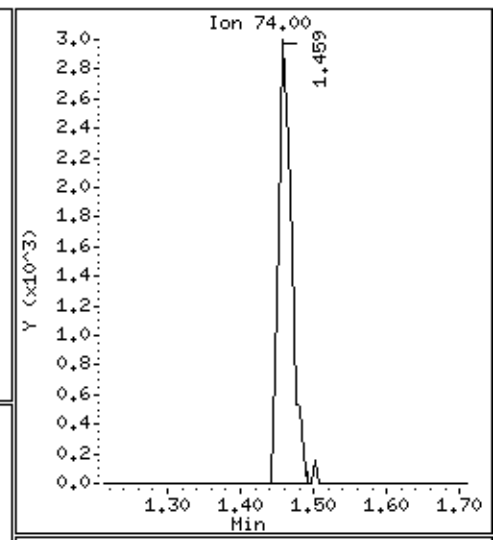
Review Code:

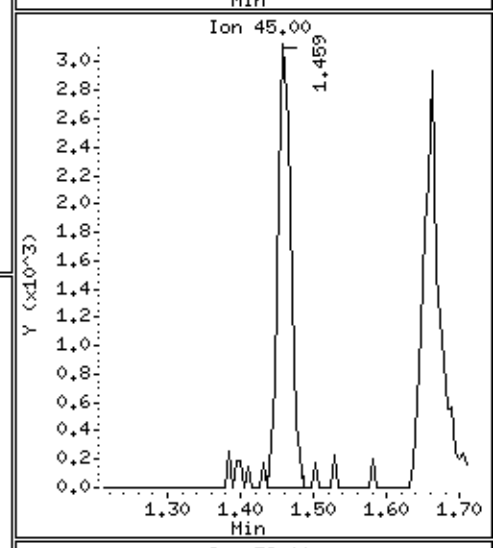


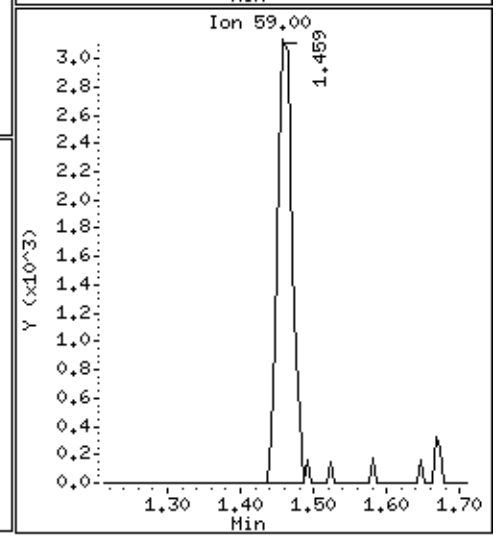












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

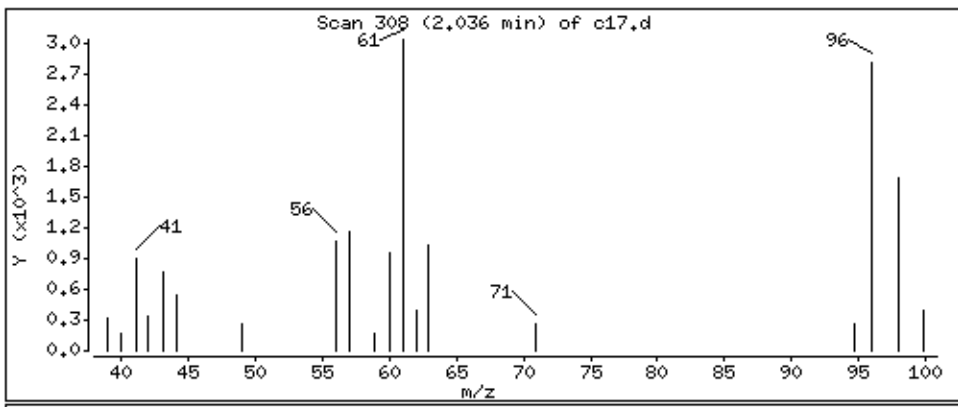
Column phase: DB-624

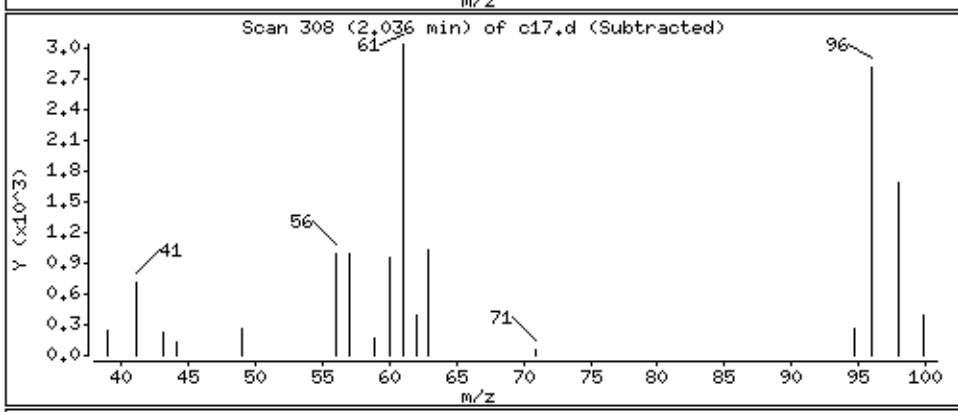
Column diameter: 0.18

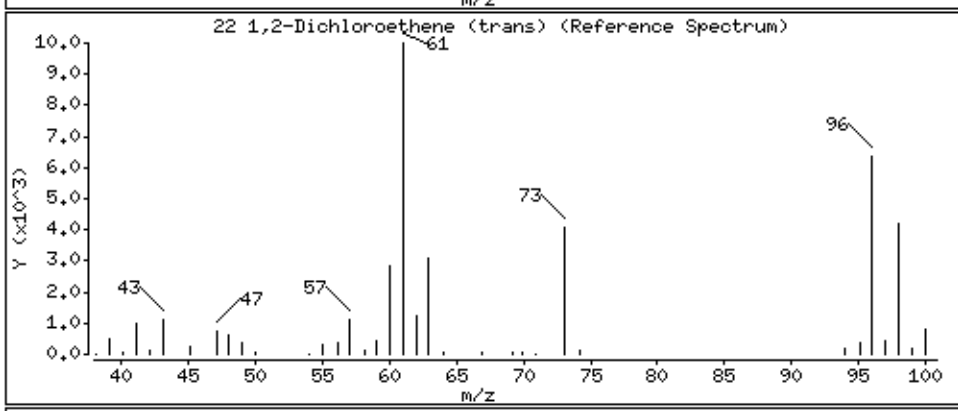
22 1,2-Dichloroethene (trans)

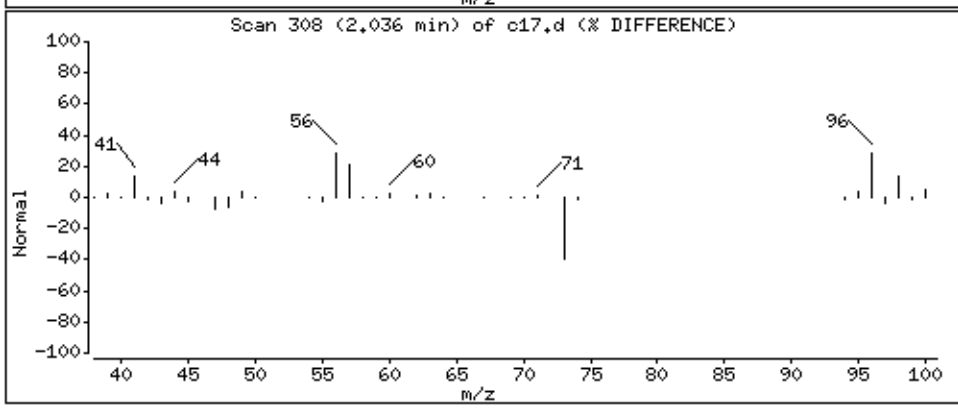
Concentration: 93.3 ppb

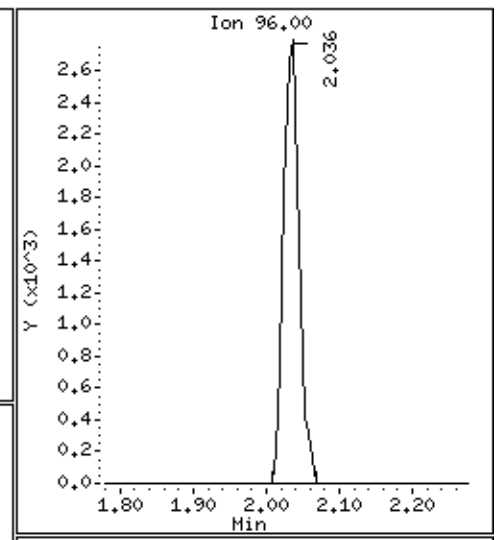
Review Code:

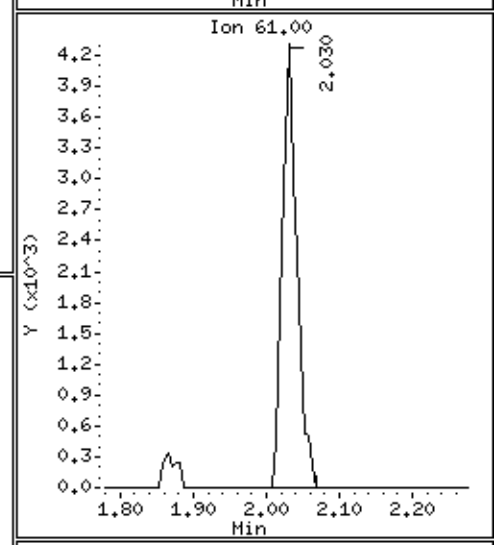


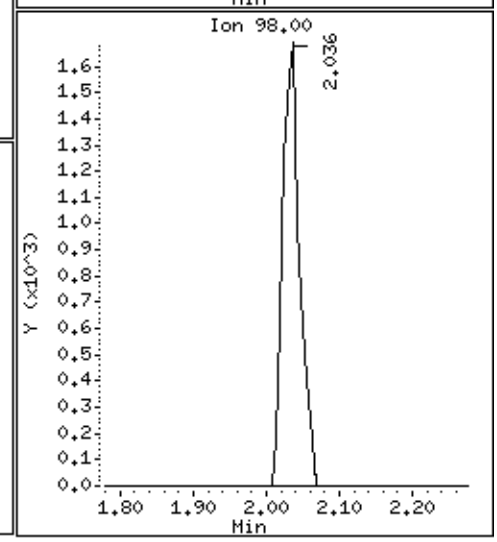












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

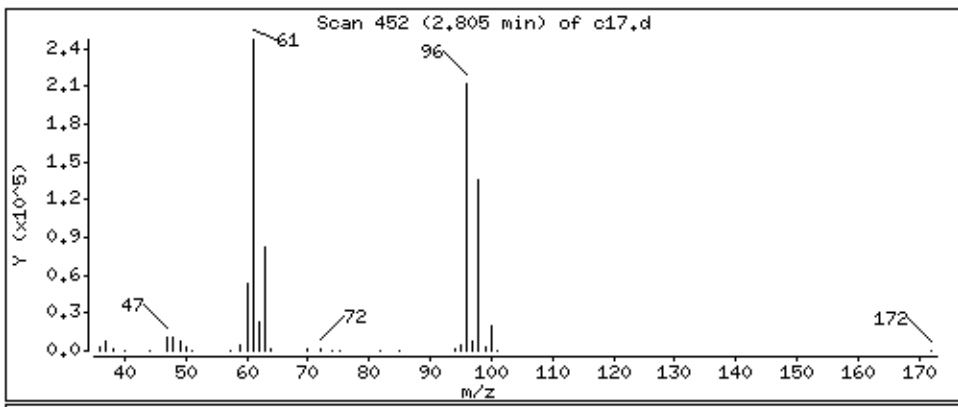
Column phase: DB-624

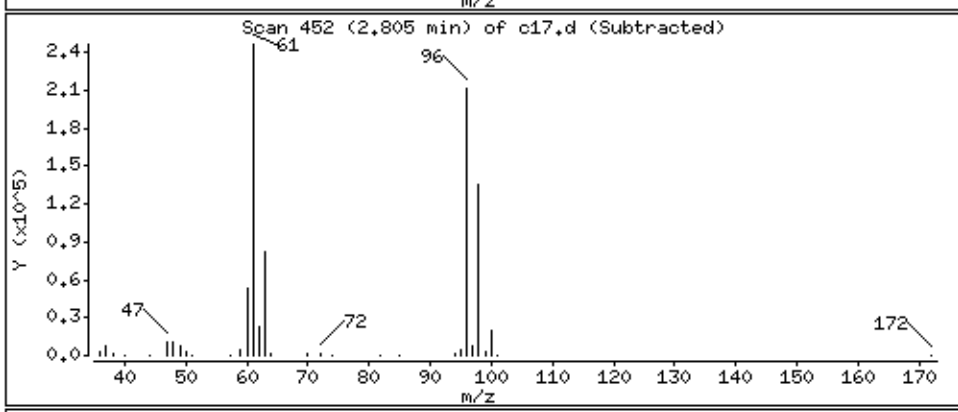
Column diameter: 0.18

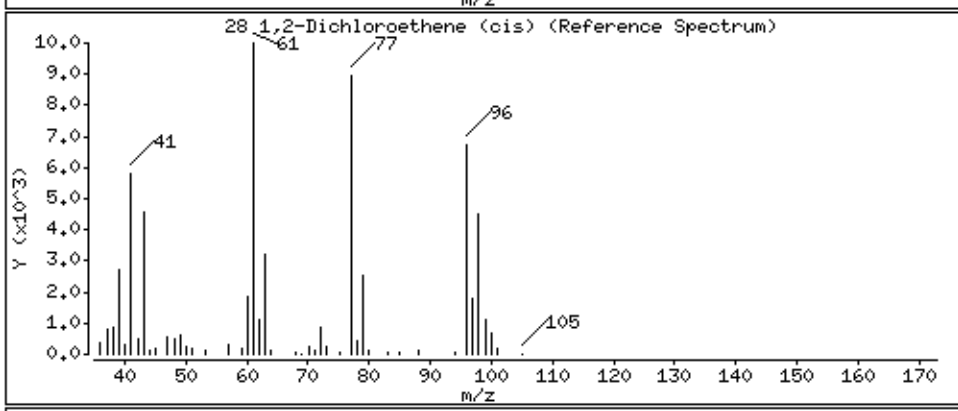
28 1,2-Dichloroethene (cis)

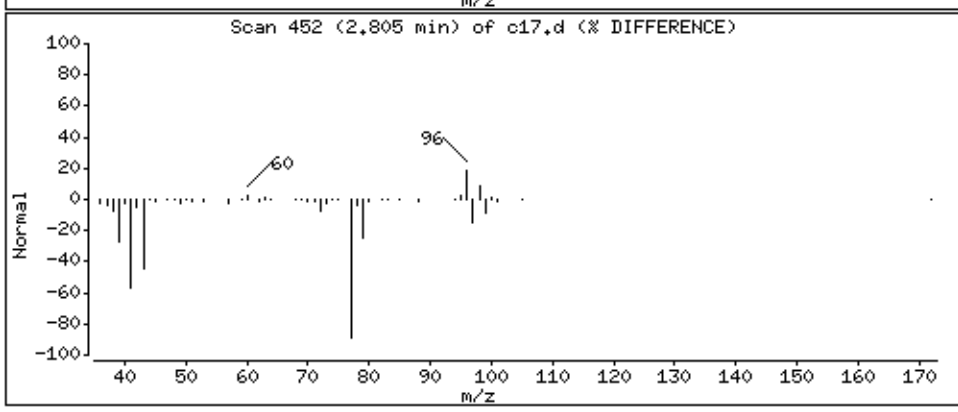
Concentration: 8670 ppb

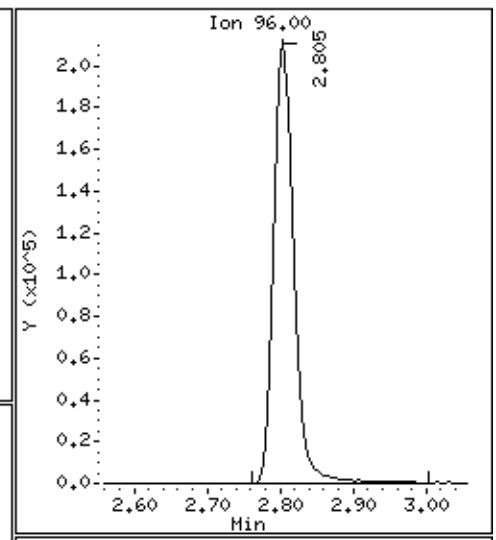
Review Code:

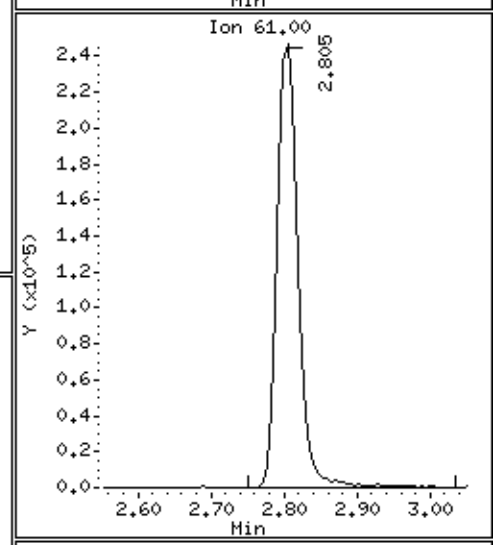


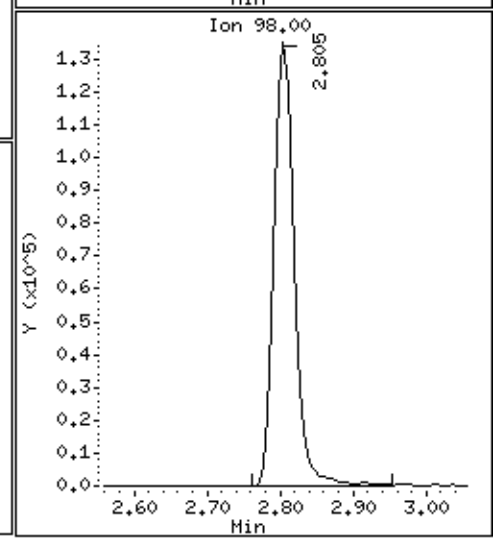












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

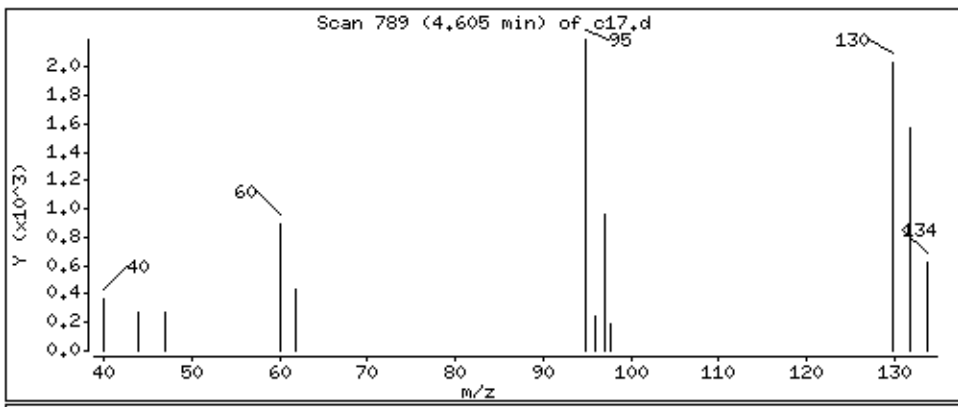
Column phase: DB-624

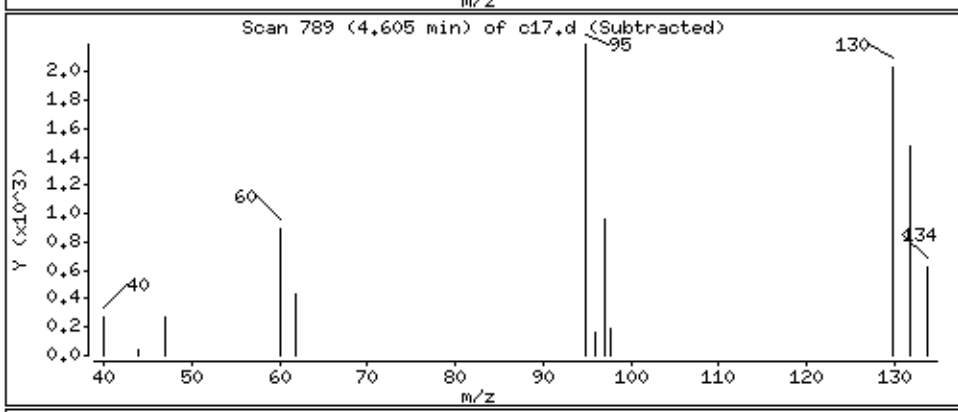
Column diameter: 0.18

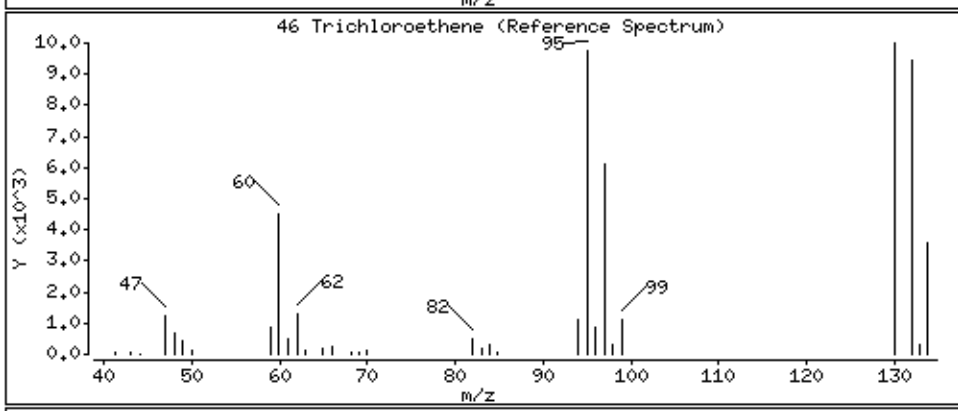
46 Trichloroethene

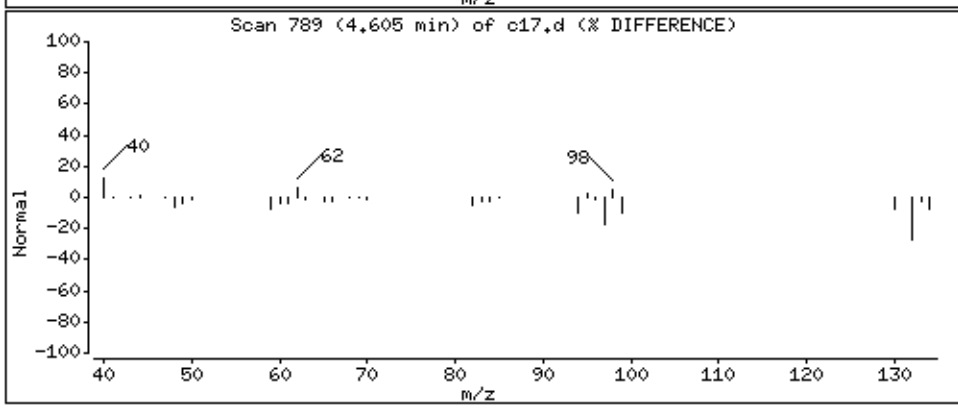
Concentration: 116 ppb

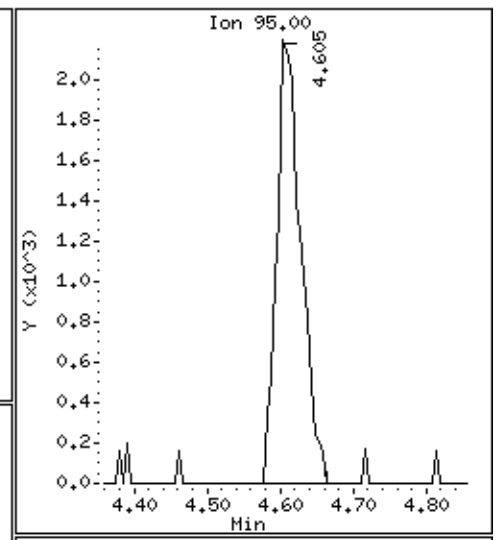
Review Code:

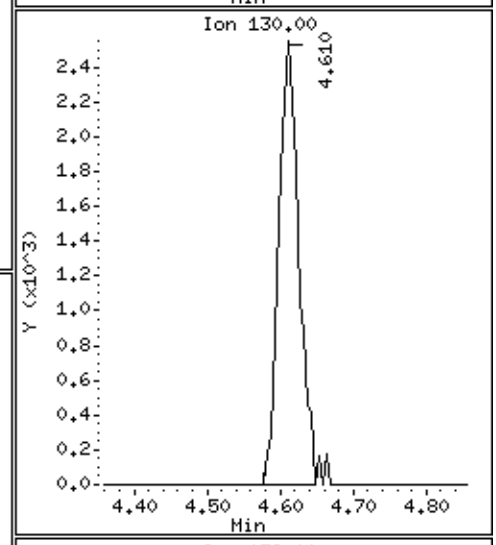


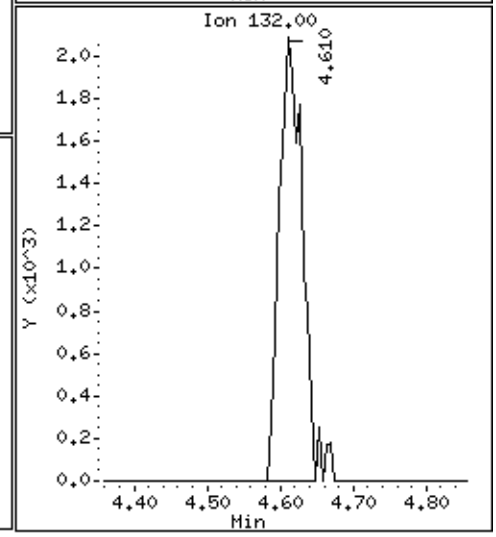












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

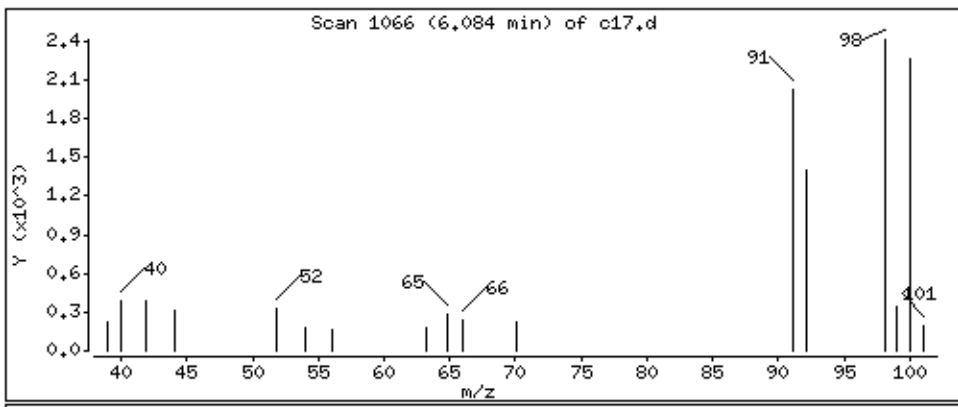
Column phase: DB-624

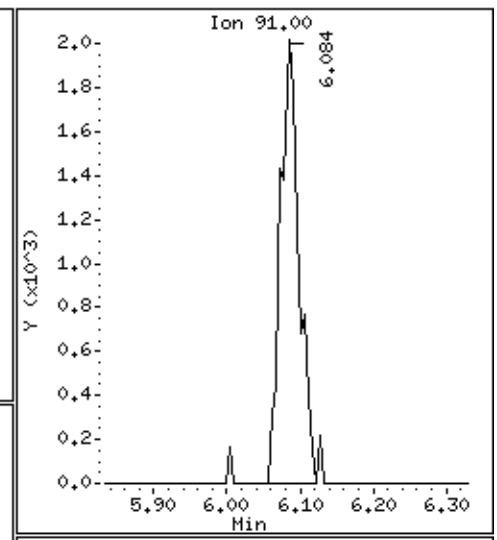
Column diameter: 0.18

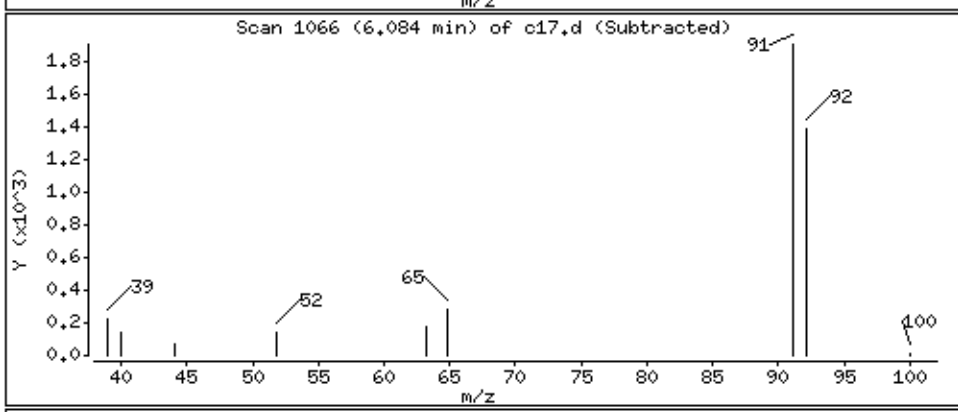
57 Toluene

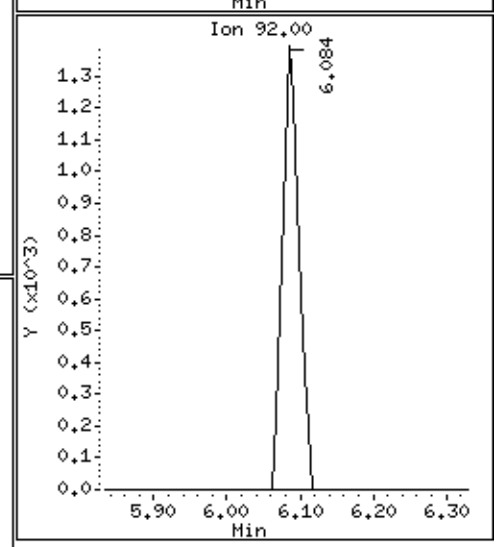
Concentration: 20.0 ppb

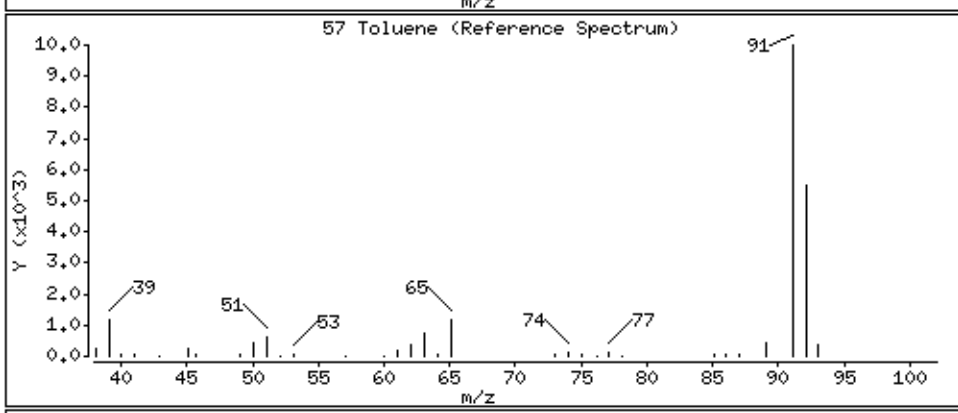
Review Code:

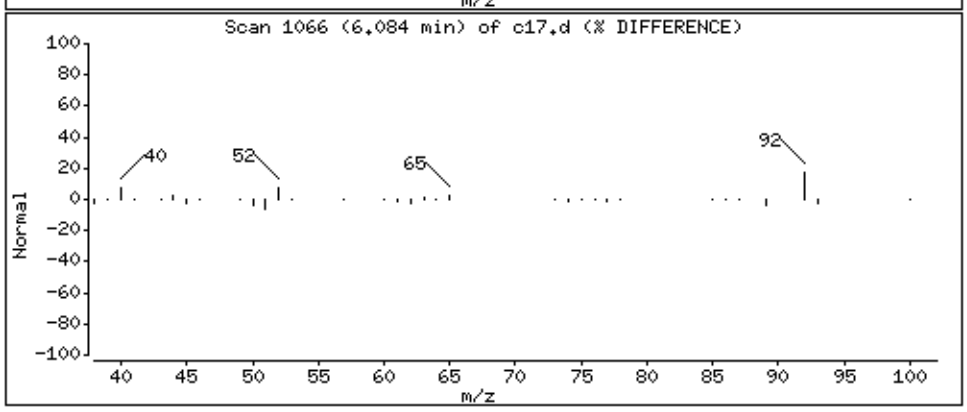












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c17.d

Date : 06-OCT-2017 06:56

Client ID: MW-0101-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760011x100

Purge Volume: 5.0

Operator: jlz

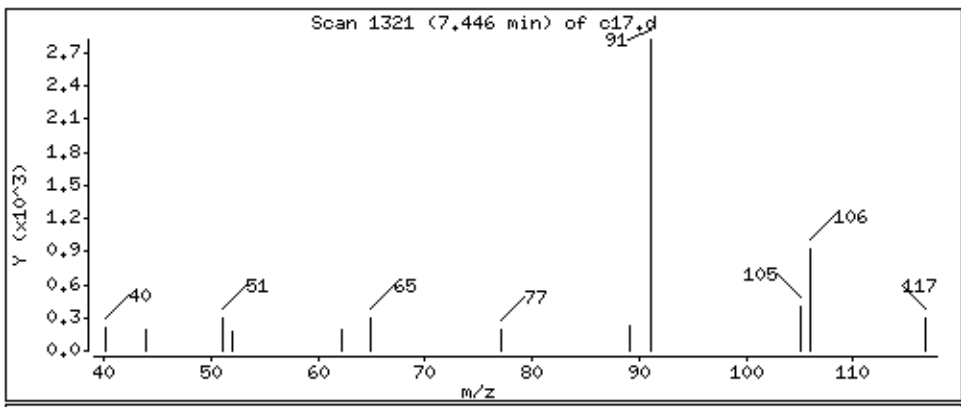
Column phase: DB-624

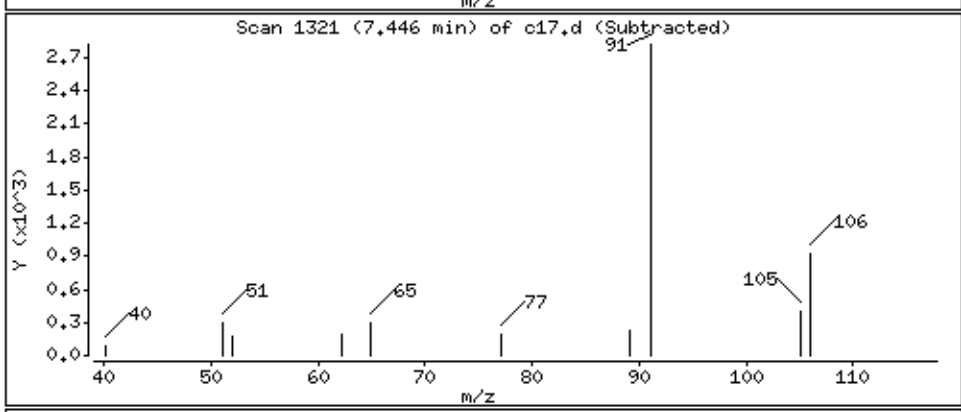
Column diameter: 0.18

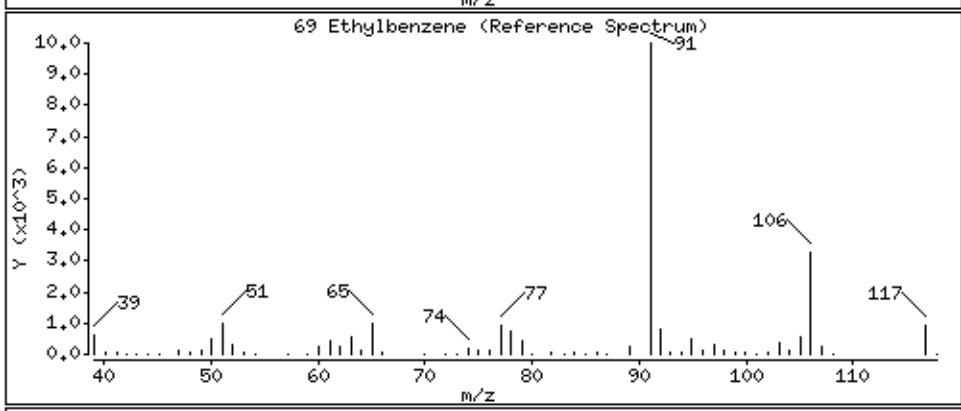
69 Ethylbenzene

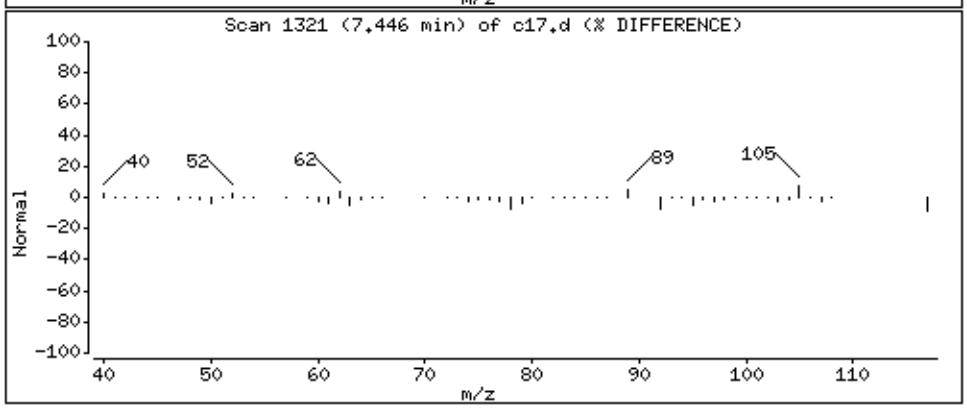
Concentration: 21.3 ppb

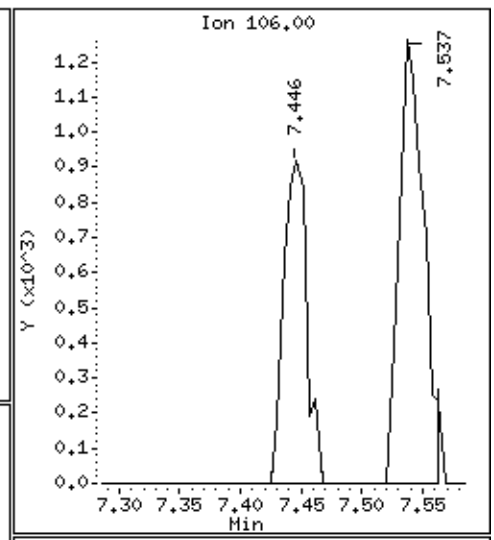
Review Code:

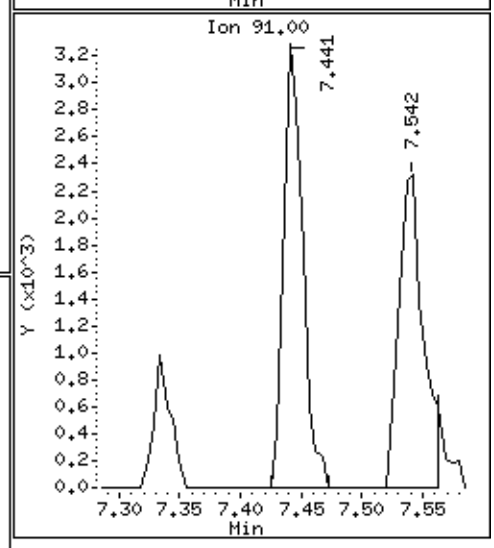












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c17.d
Injection Date: 06-OCT-2017 06:56
Instrument: 50mv3a.i
Lab Sample ID: 50180760011
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0502-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:28 Lab Sample ID: 50180760012

Date Analyzed: 10/06/2017 07:28 Lab File ID: A100517.B\C18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0502-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:28 Lab Sample ID: 50180760012

Date Analyzed: 10/06/2017 07:28 Lab File ID: A100517.B\C18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d
Lab Smp Id: 50180760012 Client Smp ID: MW-0502-S1 (092717)
Inj Date : 06-OCT-2017 07:28
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760012
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 83
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	7 Diethyl ether	74	1.461	1.460	(0.352)	1556	0.71216	0.712	
	12 Acetone	43	1.600	1.599	(0.386)	13478	4.04392	4.04	
	28 1,2-Dichloroethene (cis)	96	2.807	2.806	(0.677)	3351	0.74720	0.747(Q)	
$	35 Dibromofluoromethane (S)	113	3.315	3.319	(0.799)	173763	48.7000	48.7	
*	45 Fluorobenzene (IS)	96	4.148	4.152	(1.000)	722633	50.0000		
	46 Trichloroethene	95	4.613	4.606	(1.112)	1299	0.30960	0.310	
$	56 Toluene-d8 (S)	98	6.007	6.006	(0.819)	670458	50.0976	50.1	
	57 Toluene	91	6.087	6.080	(0.830)	2763	0.16409	0.164	
*	66 Chlorobenzene-D5 (IS)	117	7.331	7.335	(1.000)	446073	50.0000		
	69 Ethylbenzene	106	7.438	7.437	(1.015)	1498	0.25889	0.259	
	70 m&p-Xylene	106	7.534	7.538	(1.028)	2222	0.33421	0.334	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.112)	176282	48.0373	48.0	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	160339	50.0000		

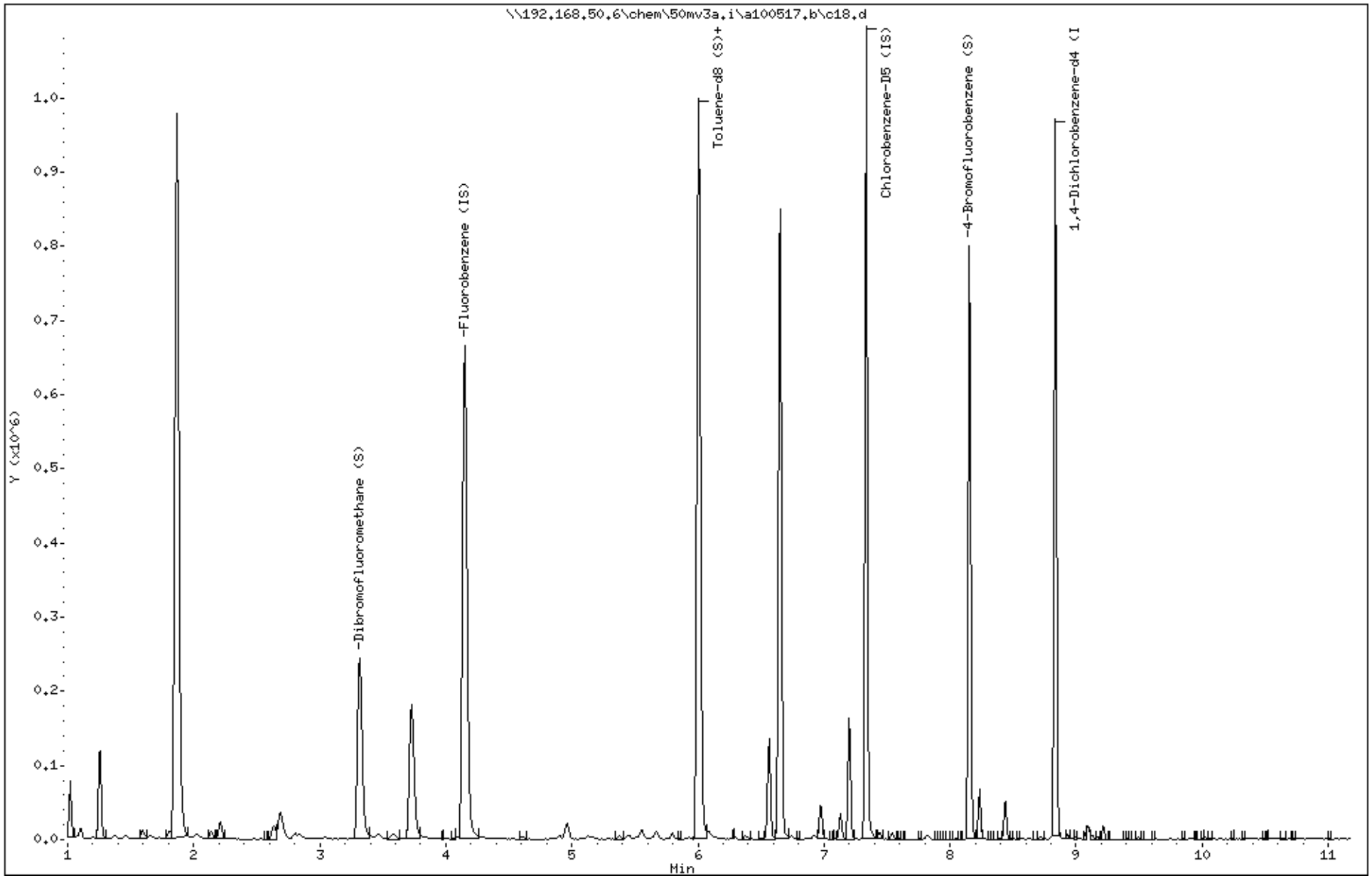
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d
Date : 06-OCT-2017 07:28
Client ID: MW-0502-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760012
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

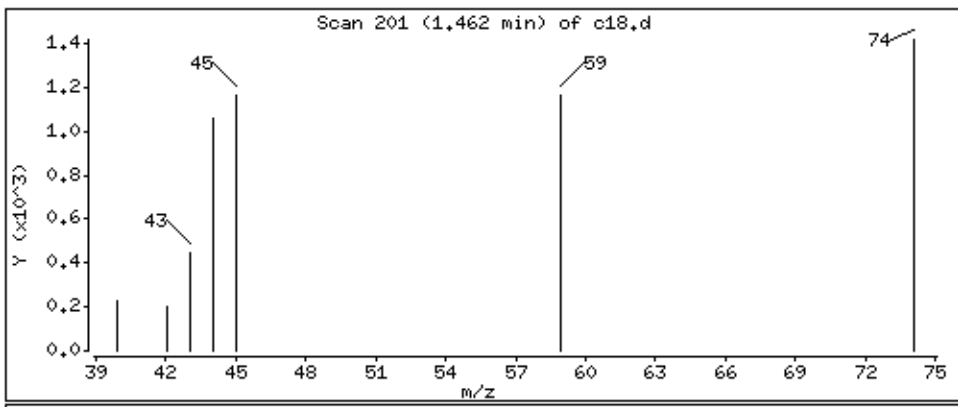
Column phase: DB-624

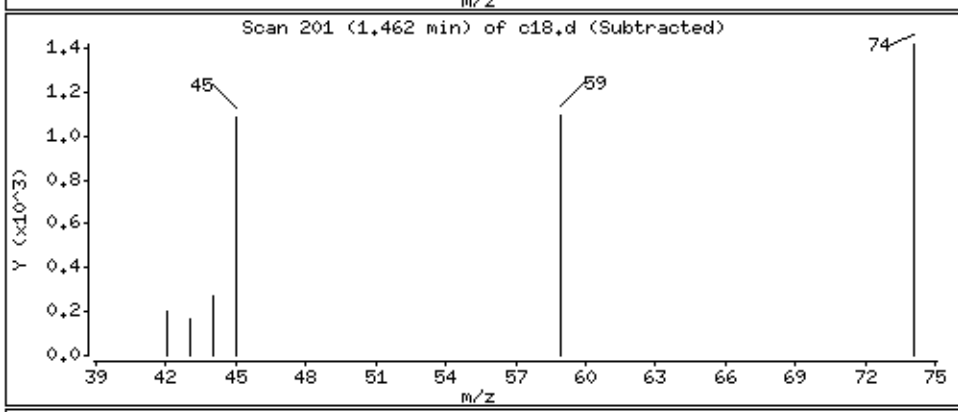
Column diameter: 0.18

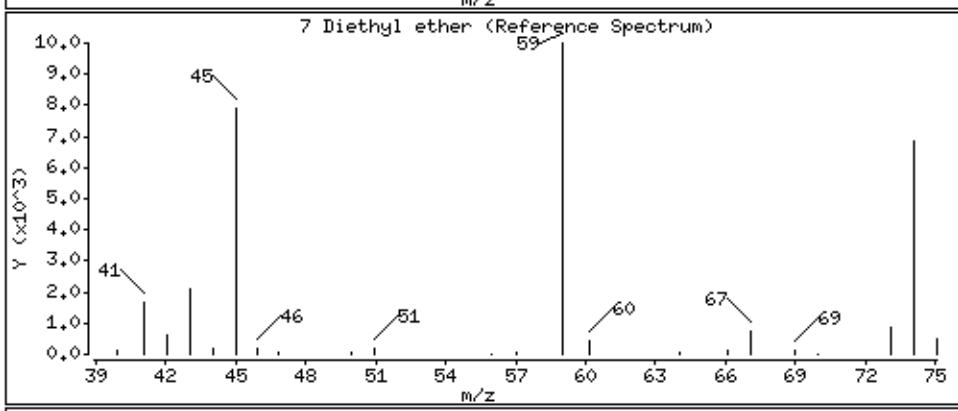
7 Diethyl ether

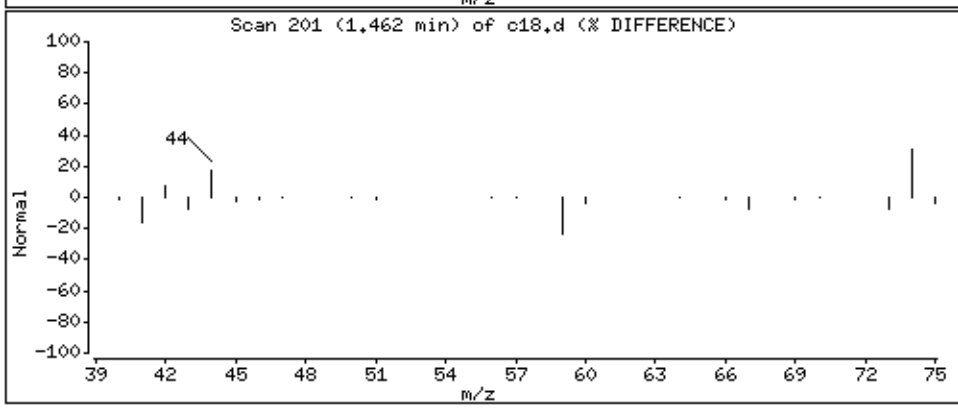
Concentration: 0.712 ppb

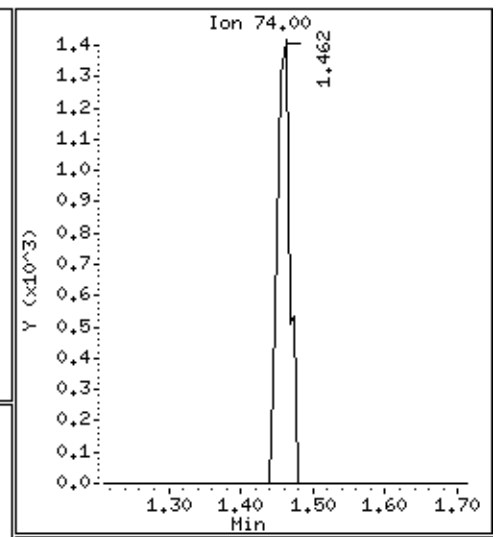
Review Code:

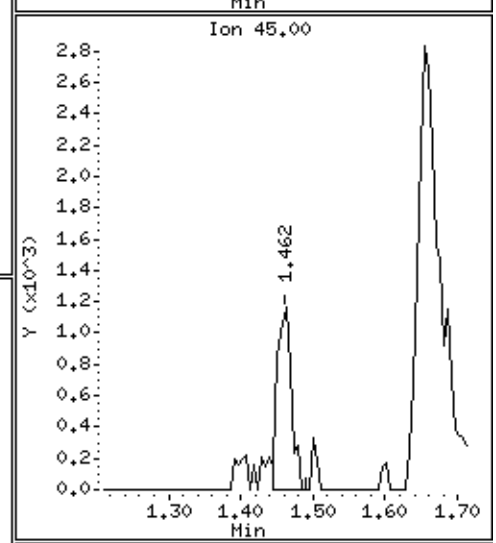


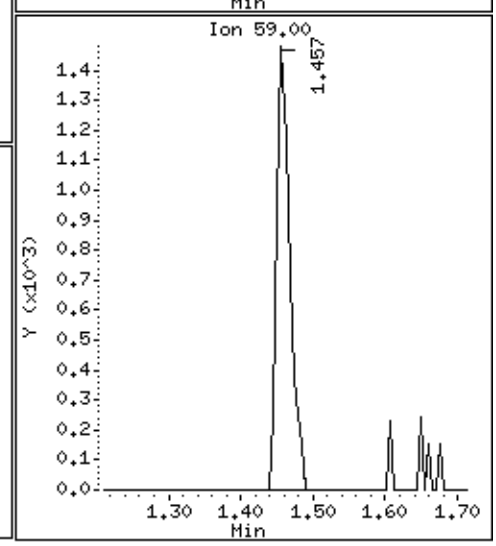












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

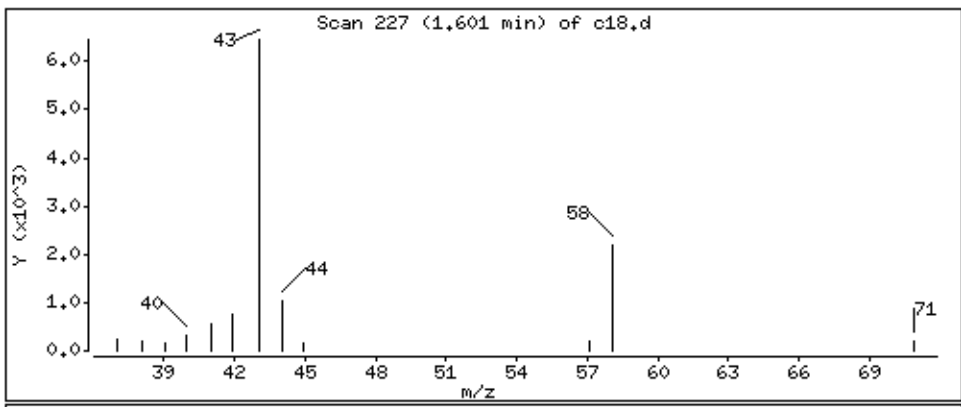
Column phase: DB-624

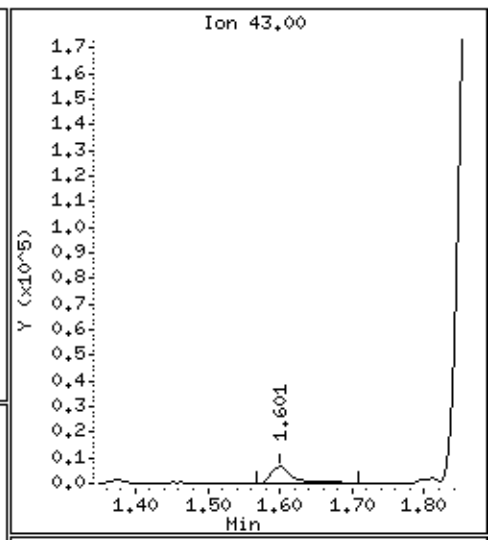
Column diameter: 0.18

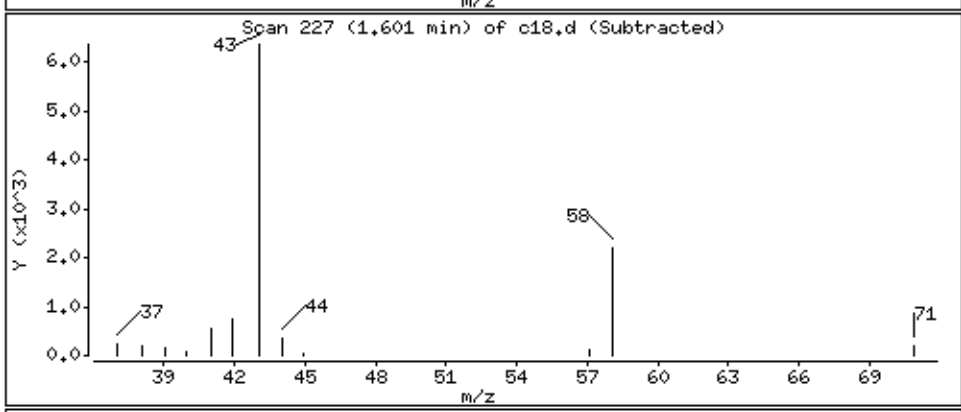
12 Acetone

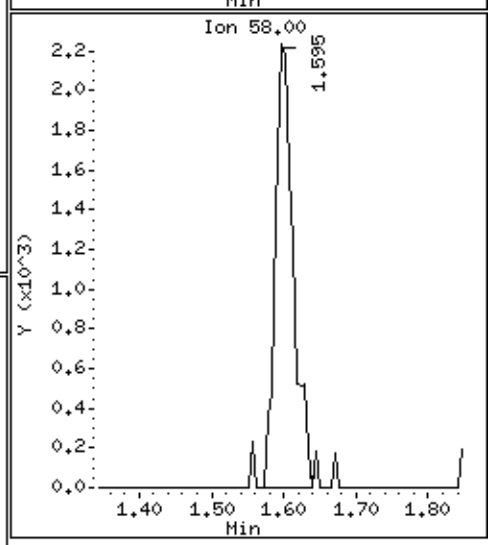
Concentration: 4.04 ppb

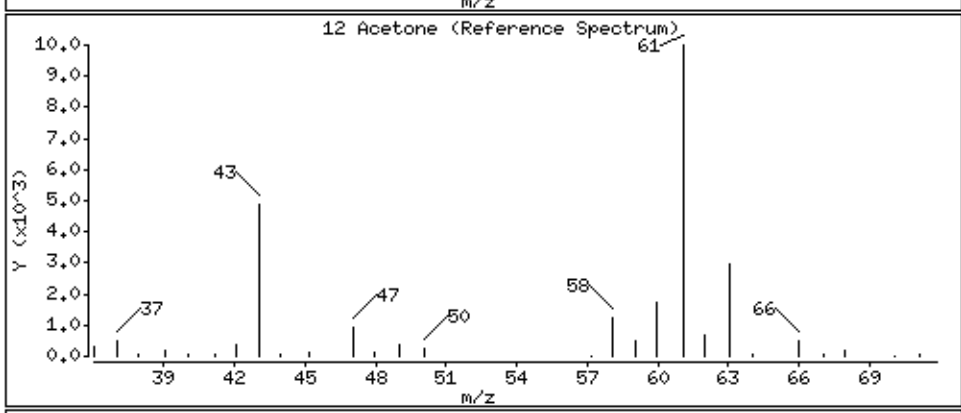
Review Code:

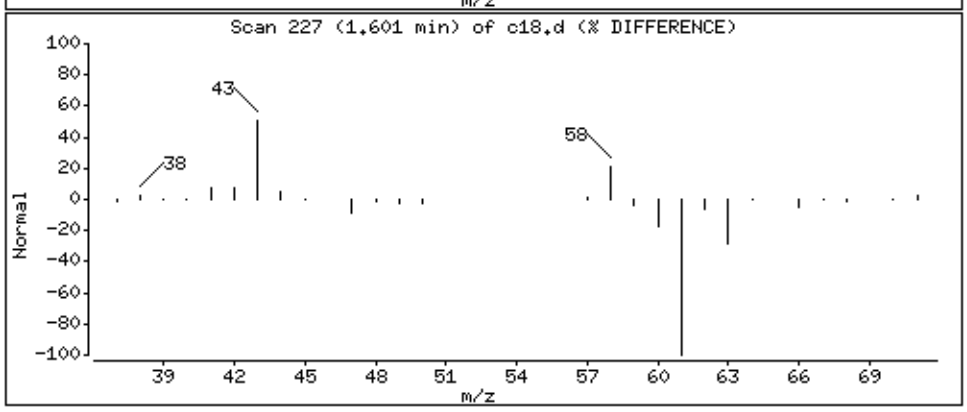












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

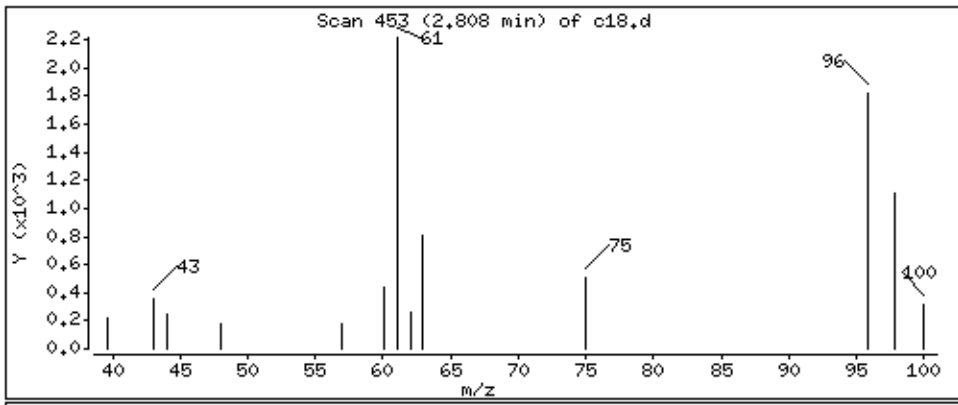
Column phase: DB-624

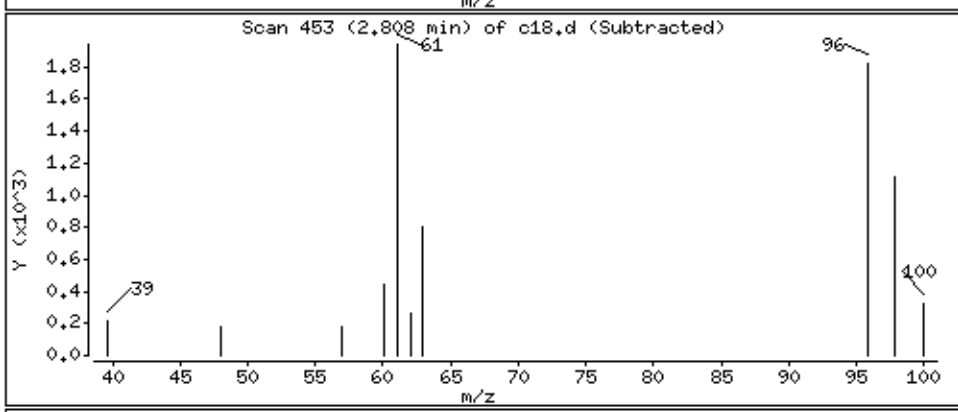
Column diameter: 0.18

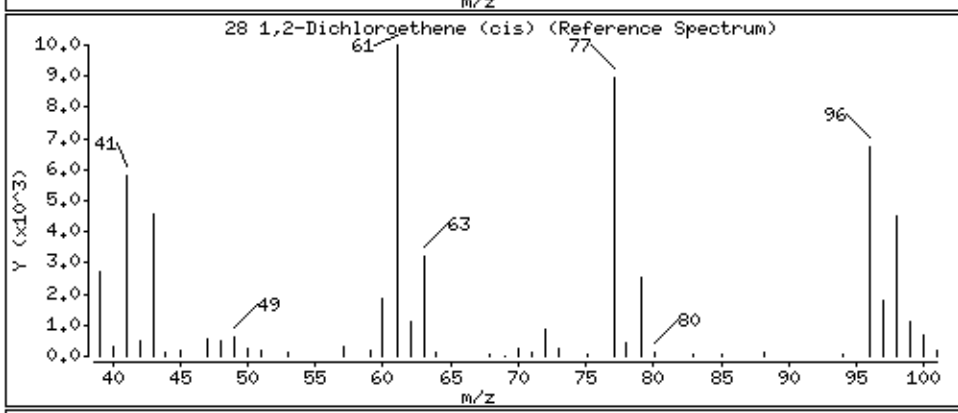
28 1,2-Dichloroethene (cis)

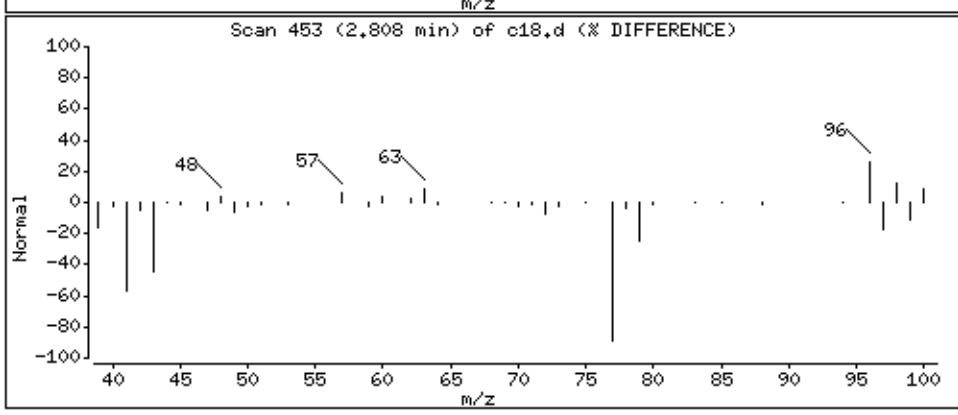
Concentration: 0.747 ppb

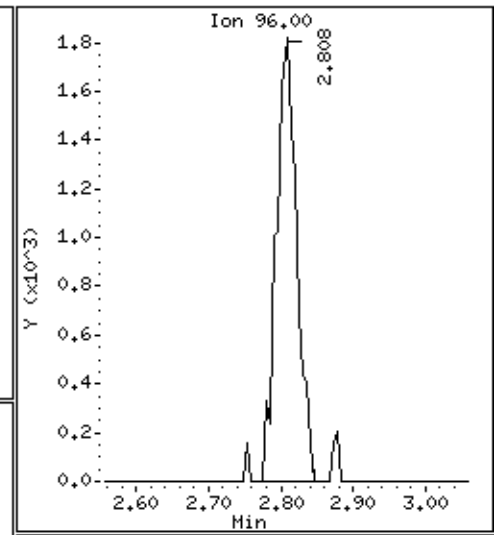
Review Code:

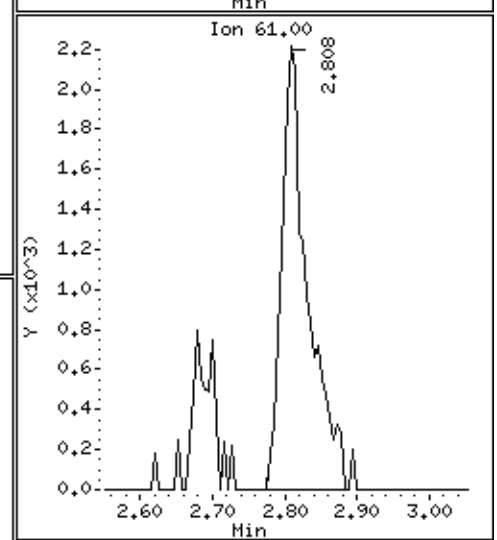


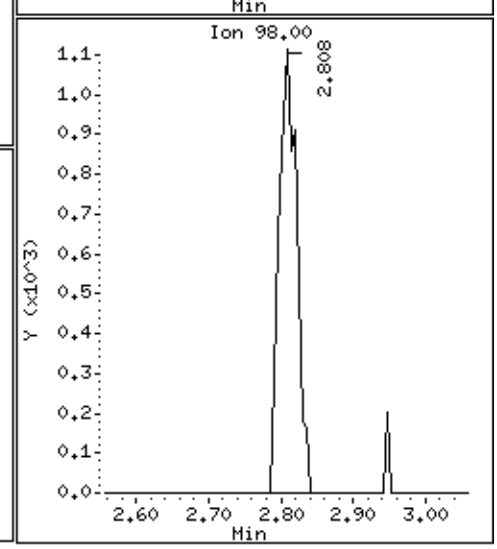












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

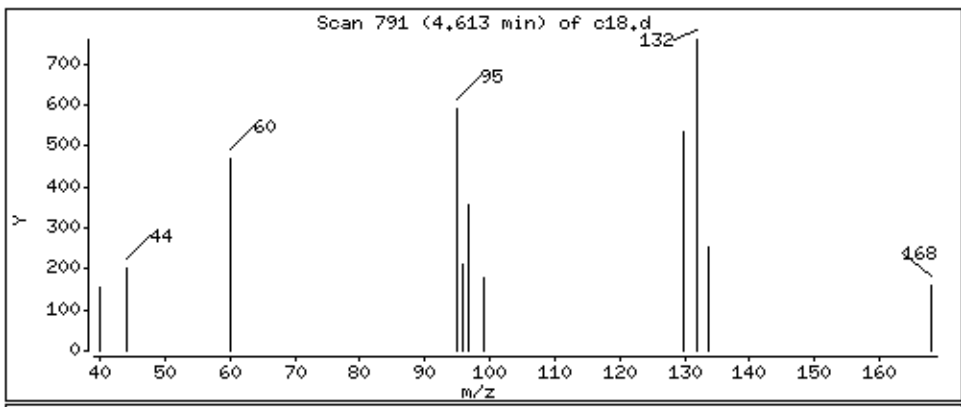
Column phase: DB-624

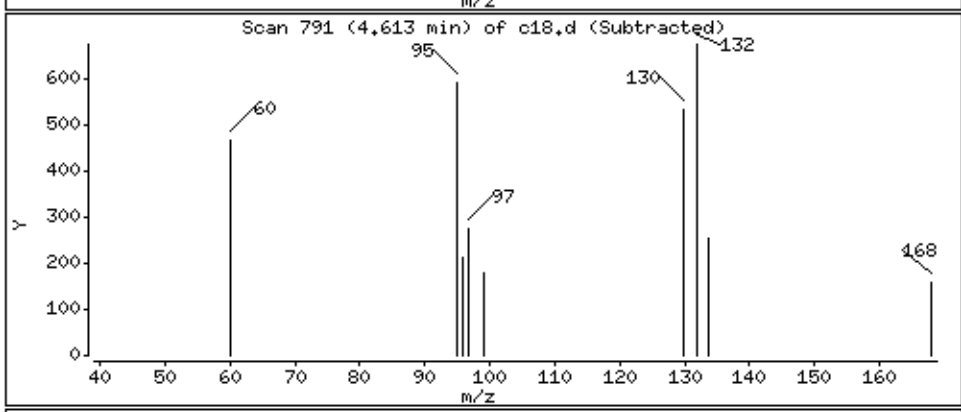
Column diameter: 0.18

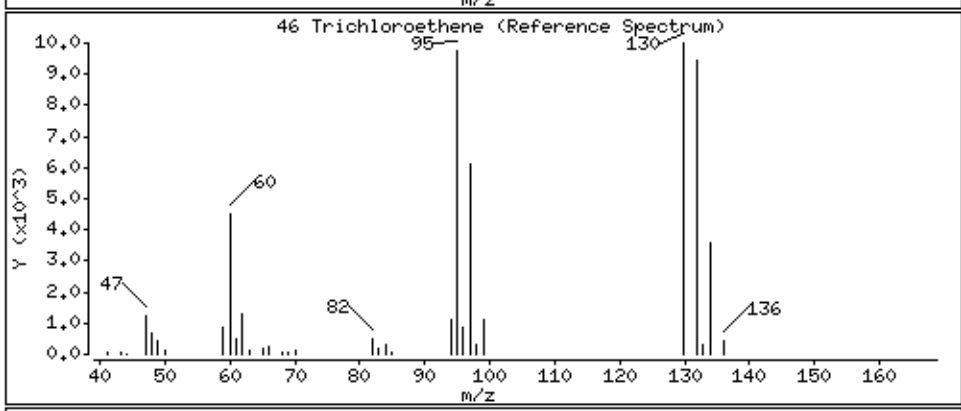
46 Trichloroethene

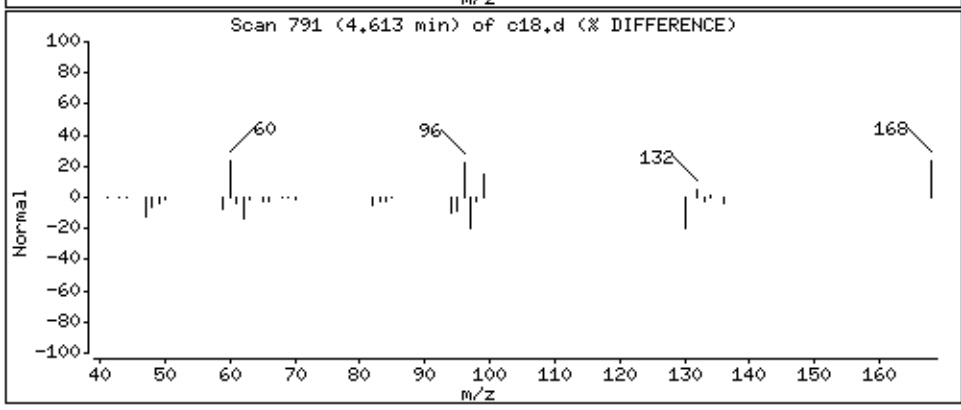
Concentration: 0.310 ppb

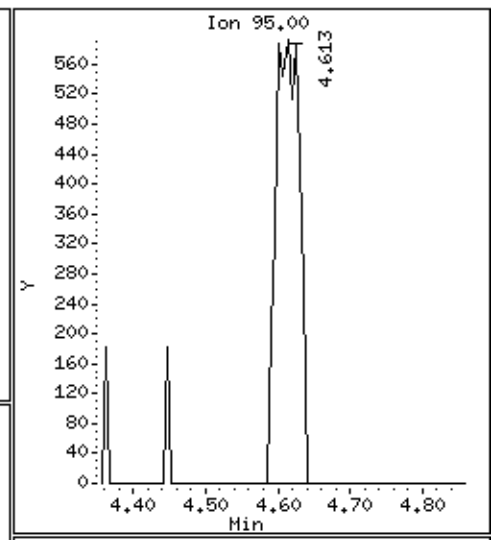
Review Code:

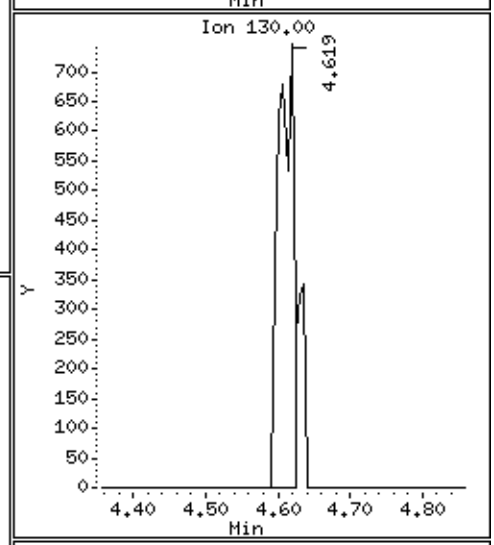


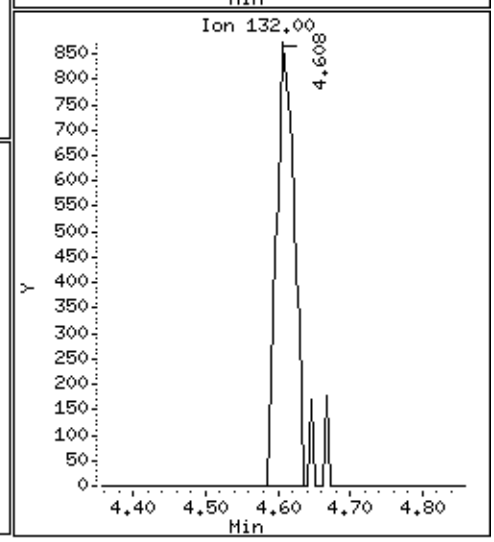












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

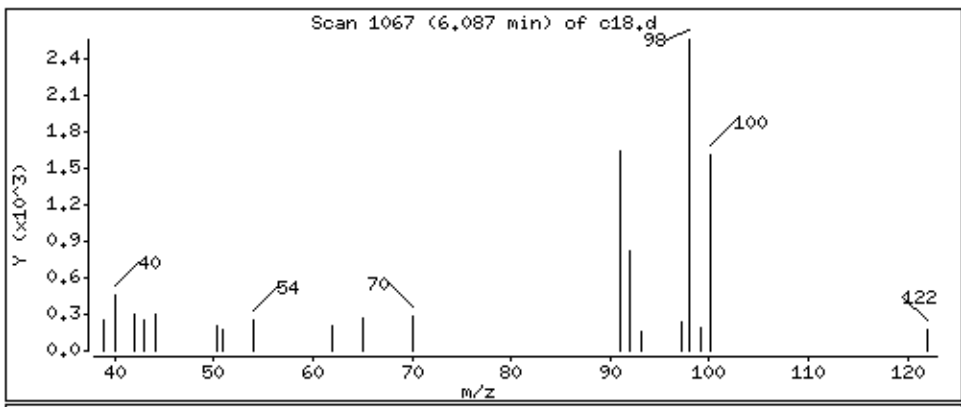
Column phase: DB-624

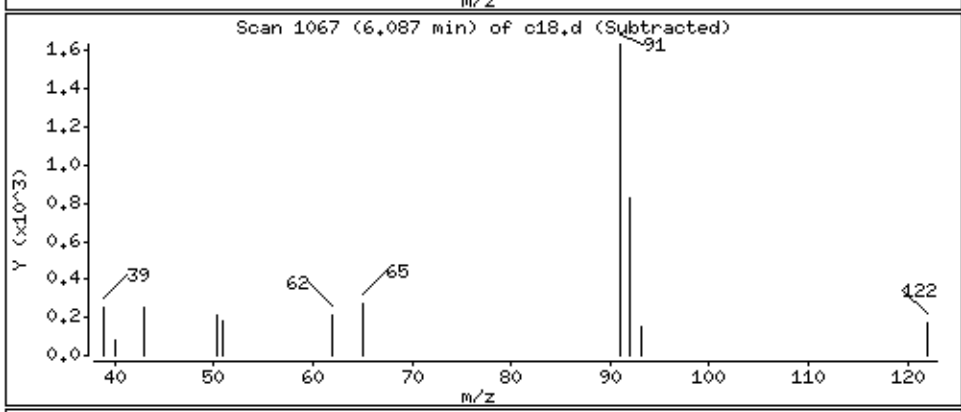
Column diameter: 0.18

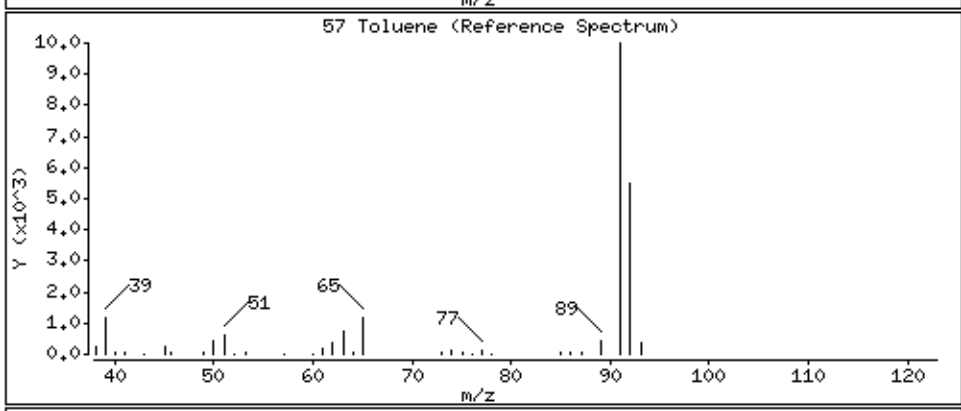
57 Toluene

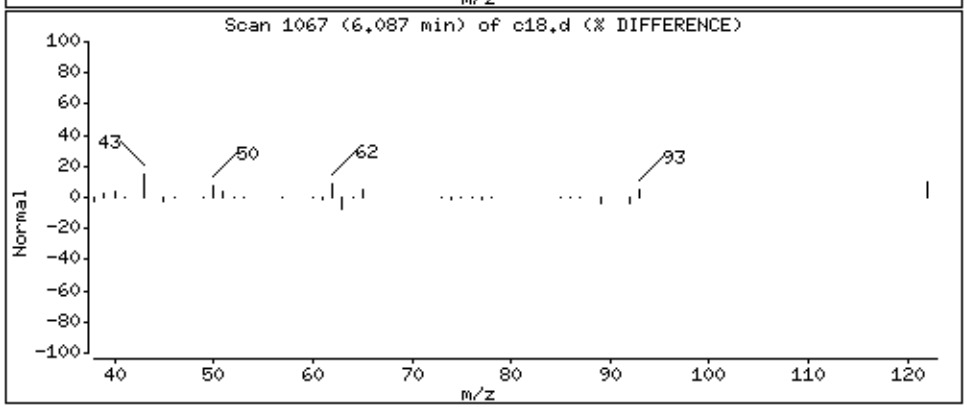
Concentration: 0.164 ppb

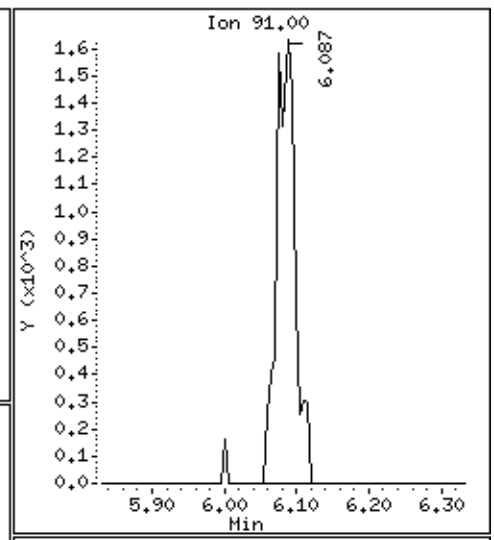
Review Code:

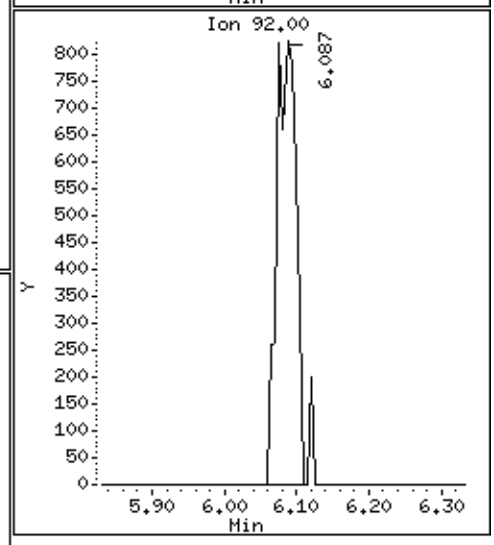












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

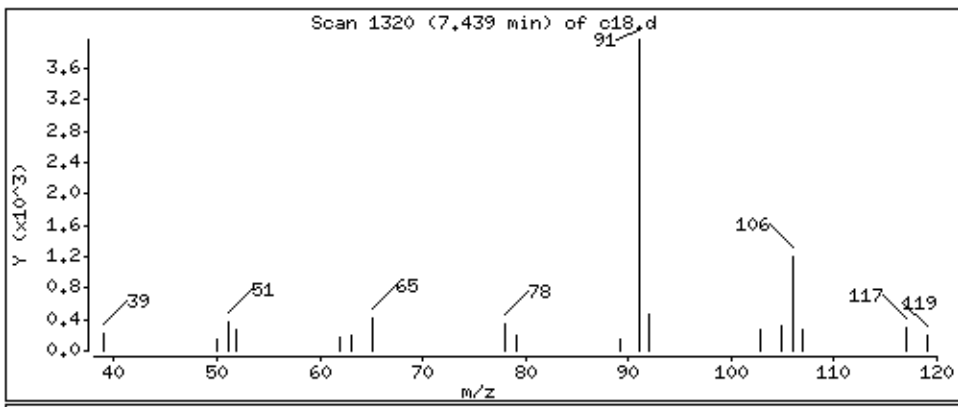
Column phase: DB-624

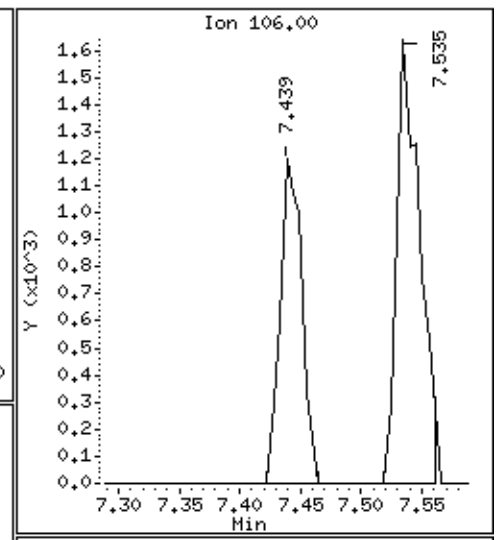
Column diameter: 0.18

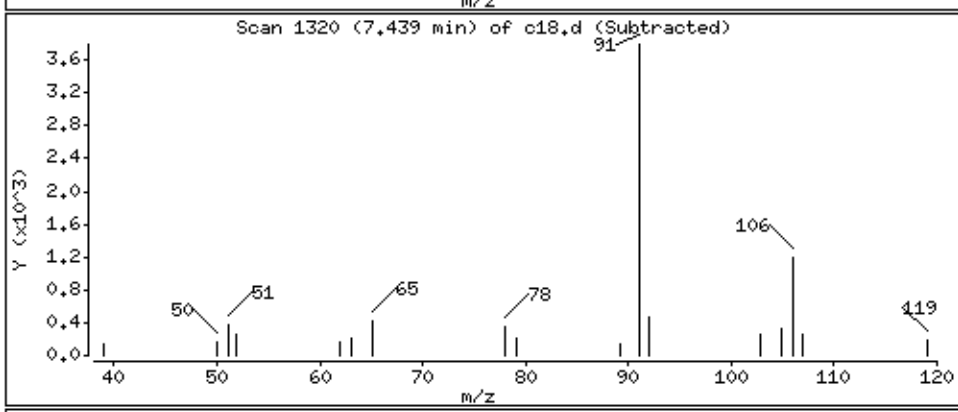
69 Ethylbenzene

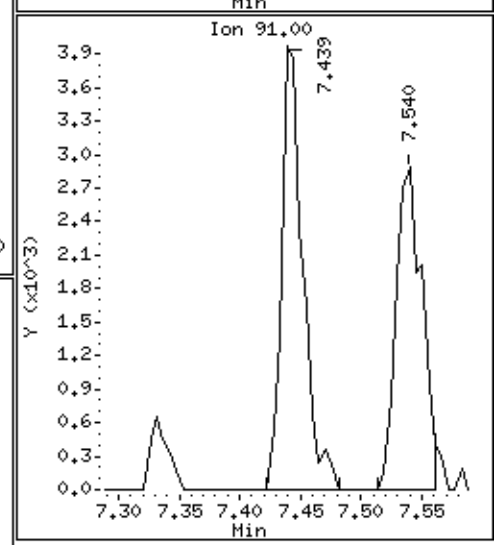
Concentration: 0.259 ppb

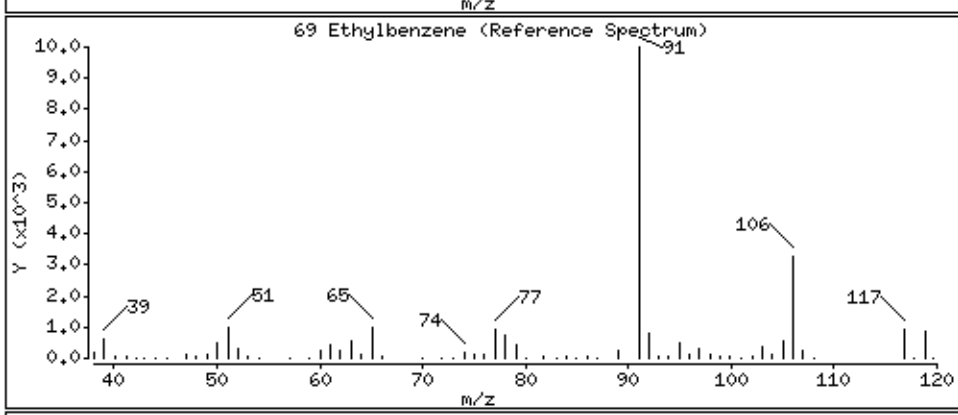
Review Code:

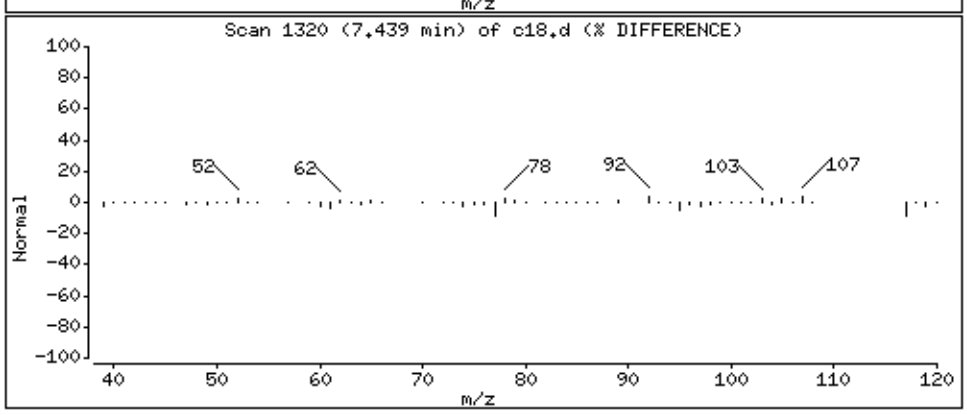












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c18.d

Date : 06-OCT-2017 07:28

Client ID: MW-0502-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760012

Purge Volume: 5.0

Operator: jlz

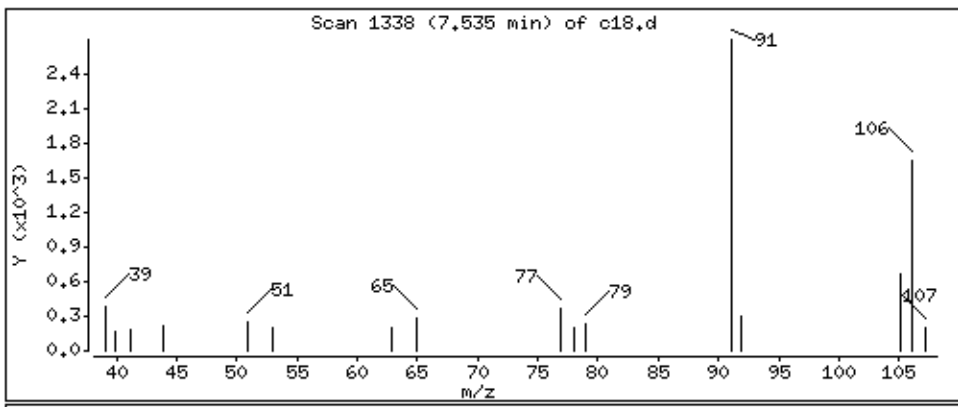
Column phase: DB-624

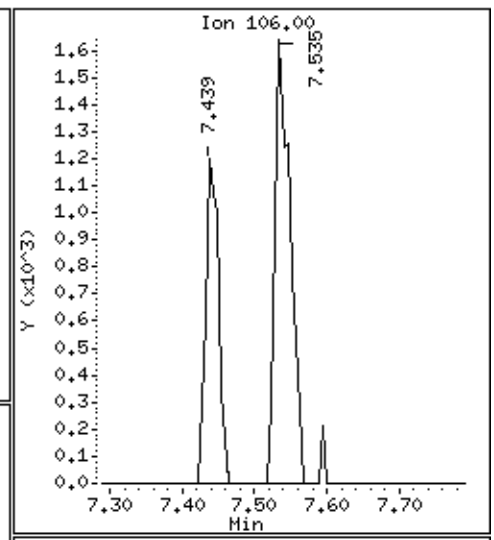
Column diameter: 0.18

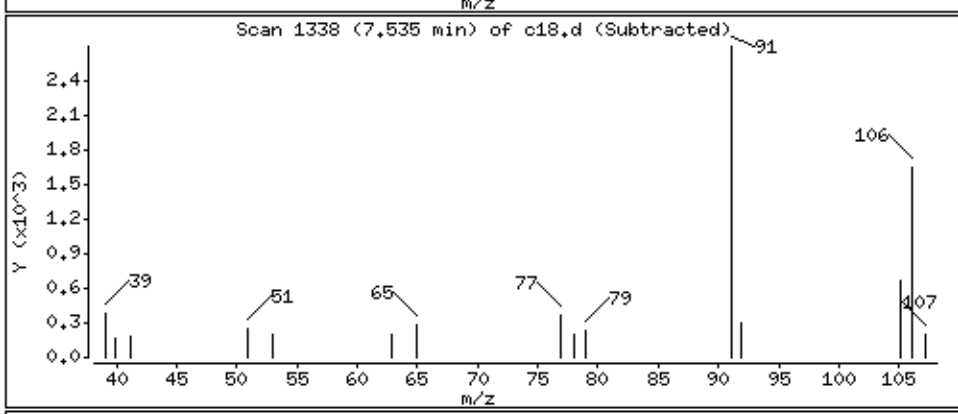
70 m&p-Xylene

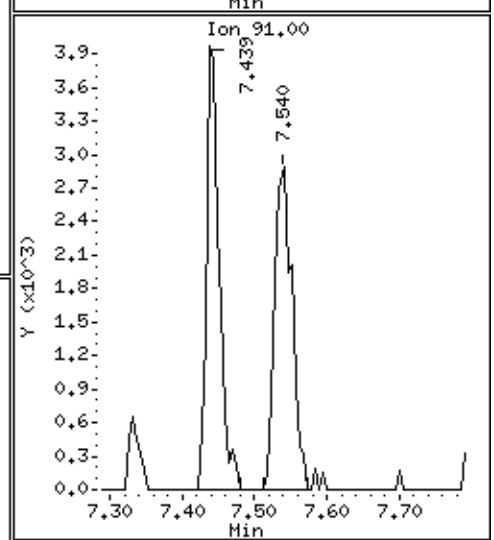
Concentration: 0.334 ppb

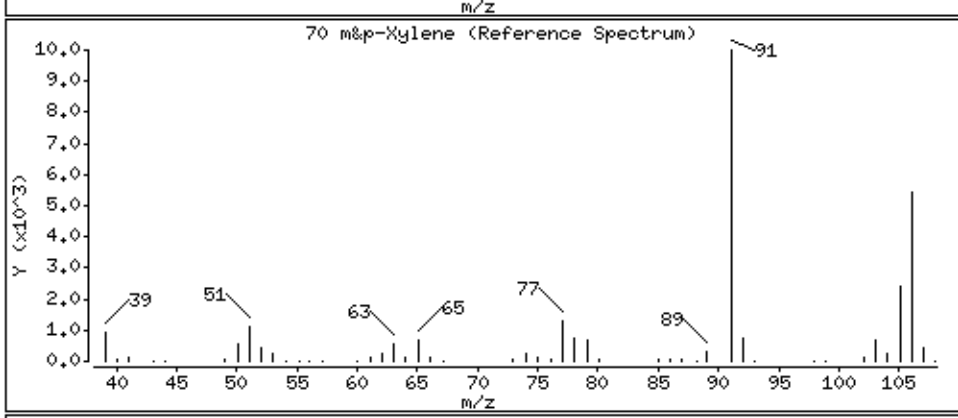
Review Code:

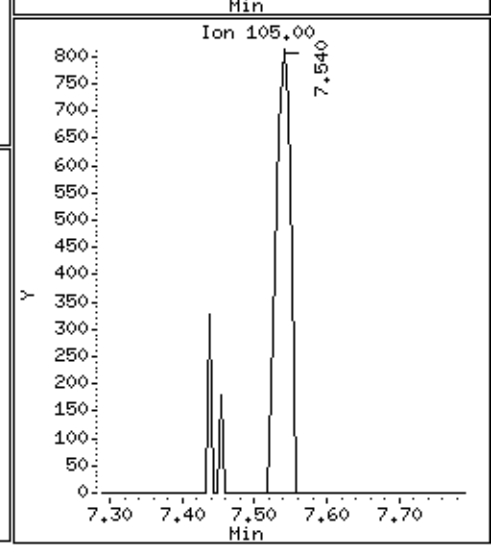


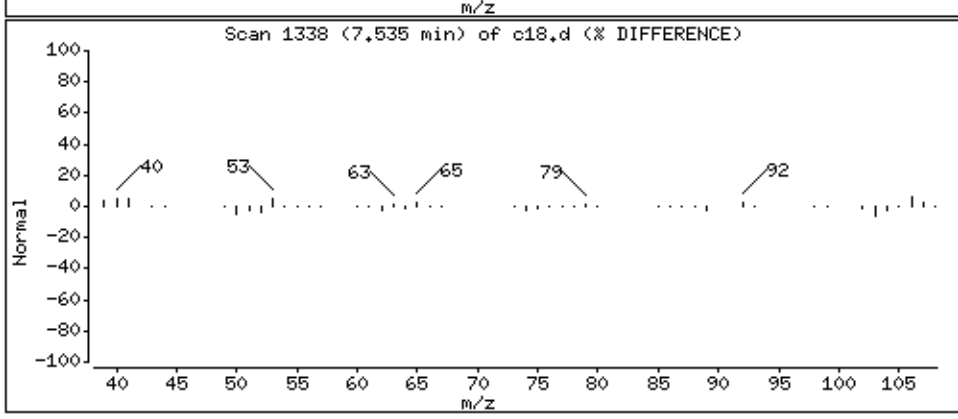












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c18.d
Injection Date: 06-OCT-2017 07:28
Instrument: 50mv3a.i
Lab Sample ID: 50180760012
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0505-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:00 Lab Sample ID: 50180760013

Date Analyzed: 10/06/2017 08:00 Lab File ID: A100517.B\C19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0505-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:00 Lab Sample ID: 50180760013

Date Analyzed: 10/06/2017 08:00 Lab File ID: A100517.B\C19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c19.d
Lab Smp Id: 50180760013
Inj Date : 06-OCT-2017 08:00
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760013
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 85
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.460	1.460	(0.352)	1024	0.47573	0.476(Q)	
28 1,2-Dichloroethene (cis)	96	2.806	2.806	(0.676)	14821	3.35450	3.35(Q)	
$ 35 Dibromofluoromethane (S)	113	3.314	3.319	(0.798)	171072	48.6673	48.7	
* 45 Fluorobenzene (IS)	96	4.152	4.152	(1.000)	711920	50.0000		
$ 56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	653350	48.3936	48.4	
* 66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	449996	50.0000		
69 Ethylbenzene	106	7.442	7.437	(1.015)	1745	0.29895	0.299	
$ 75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	175209	47.3287	47.3	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	156489	50.0000		

QC Flag Legend

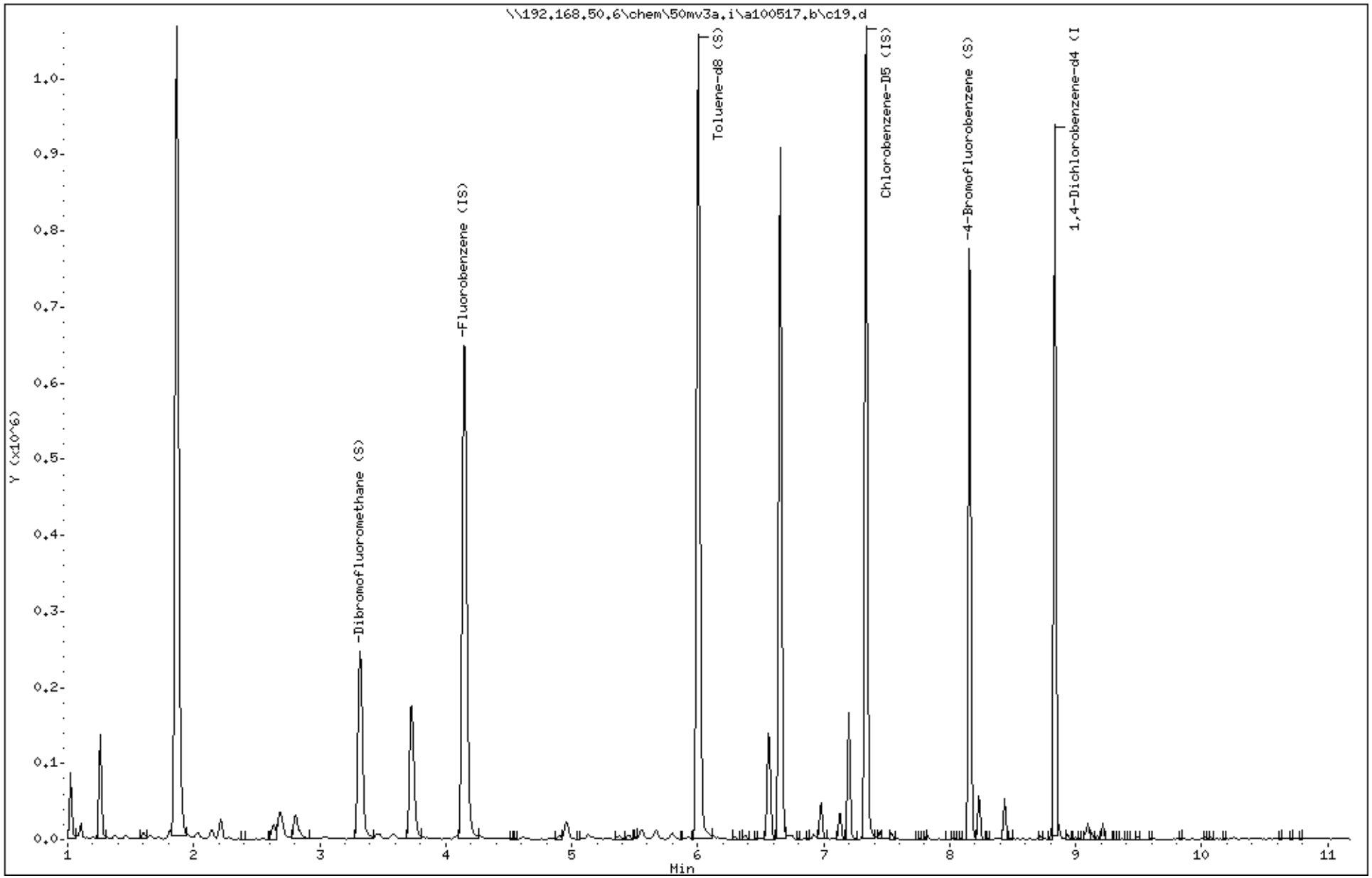
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c19.d
Date : 06-OCT-2017 08:00
Client ID:
Sample Info: 50180760013
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c19.d

Date : 06-OCT-2017 08:00

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760013

Purge Volume: 5.0

Operator: jlz

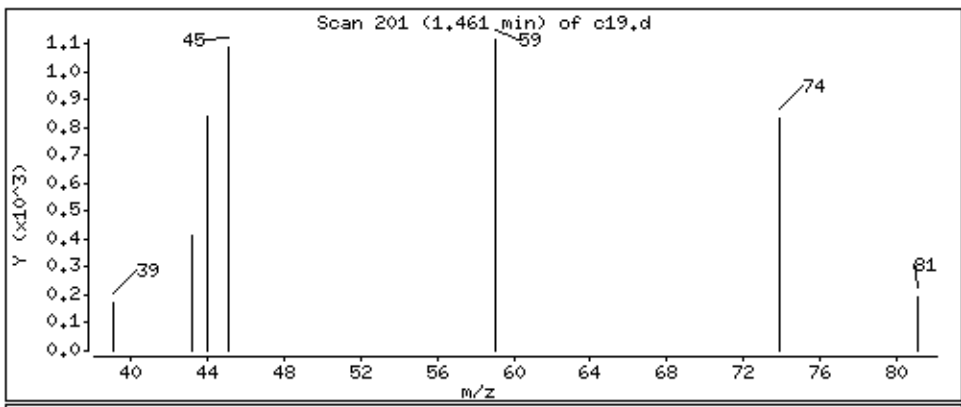
Column phase: DB-624

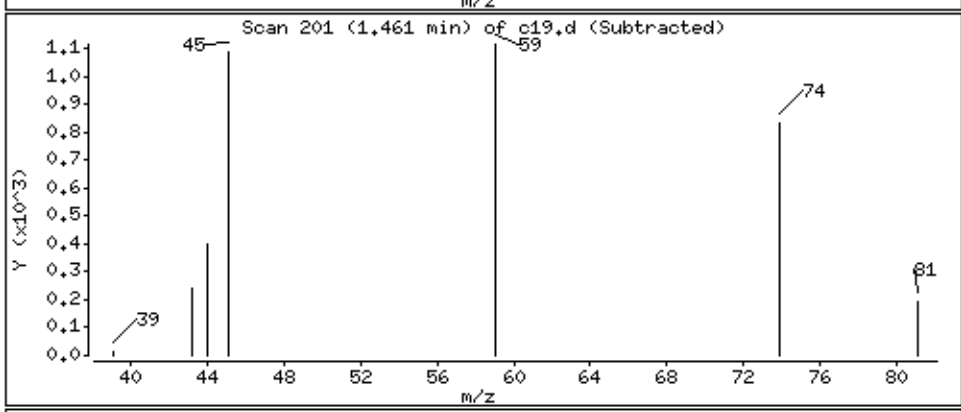
Column diameter: 0.18

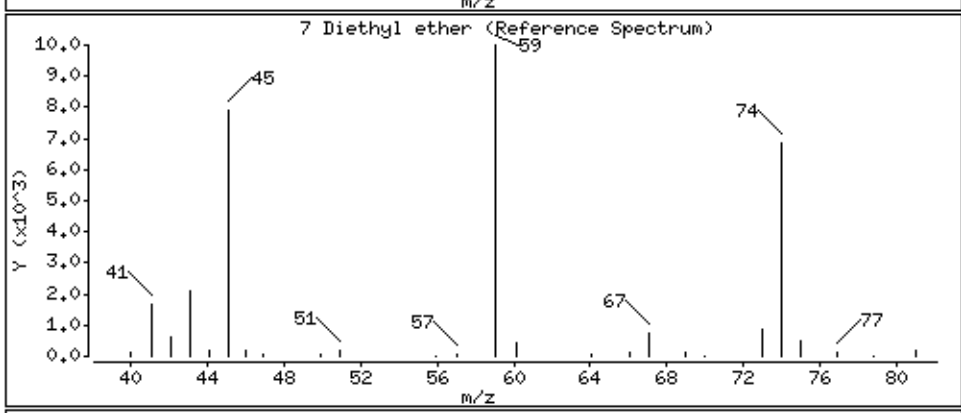
7 Diethyl ether

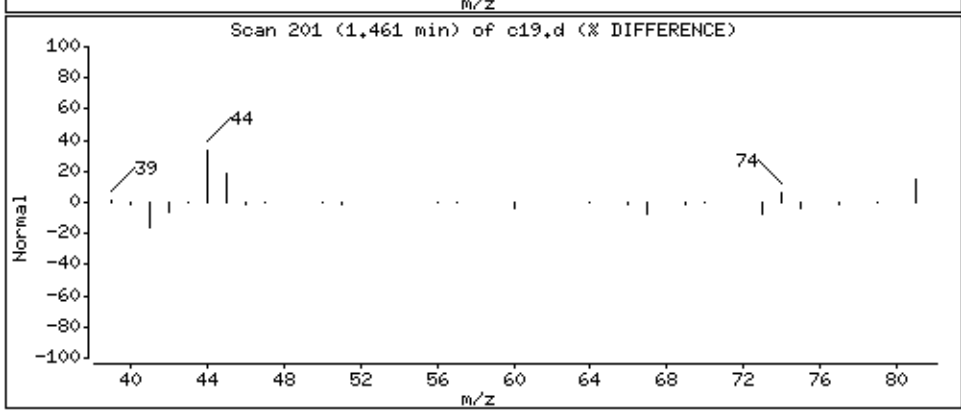
Concentration: 0.476 ppb

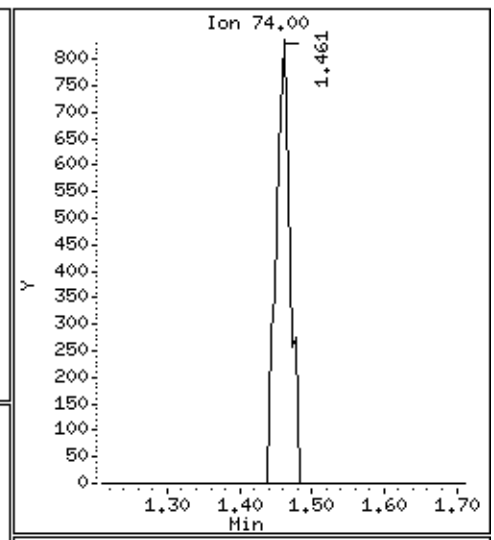
Review Code:

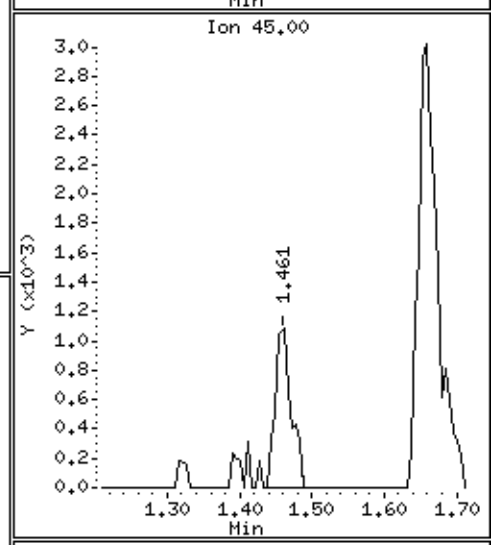


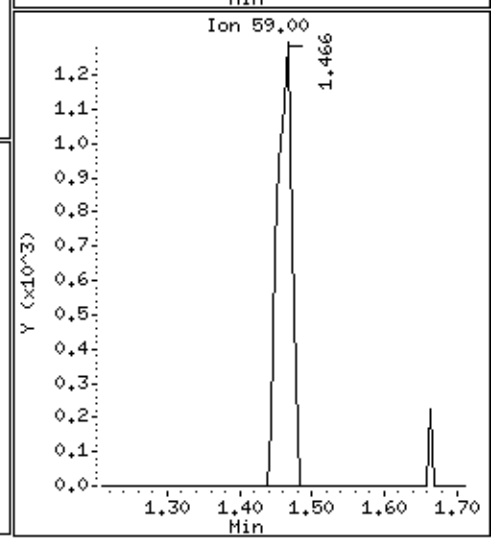












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c19.d

Date : 06-OCT-2017 08:00

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760013

Purge Volume: 5.0

Operator: jlz

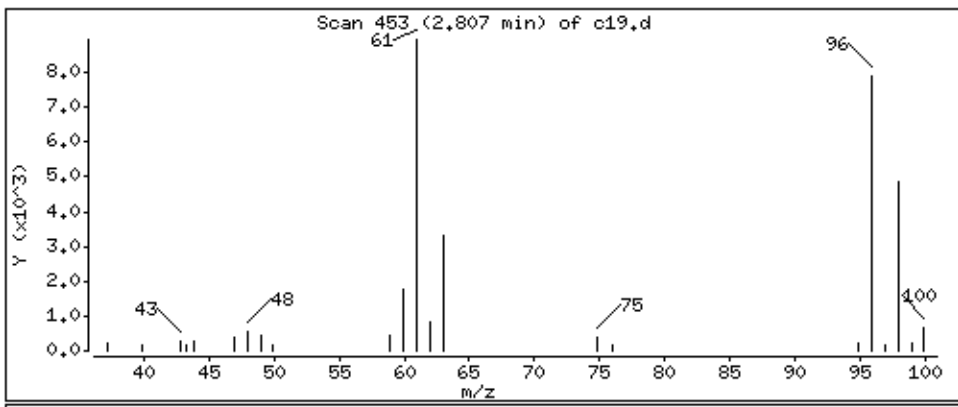
Column phase: DB-624

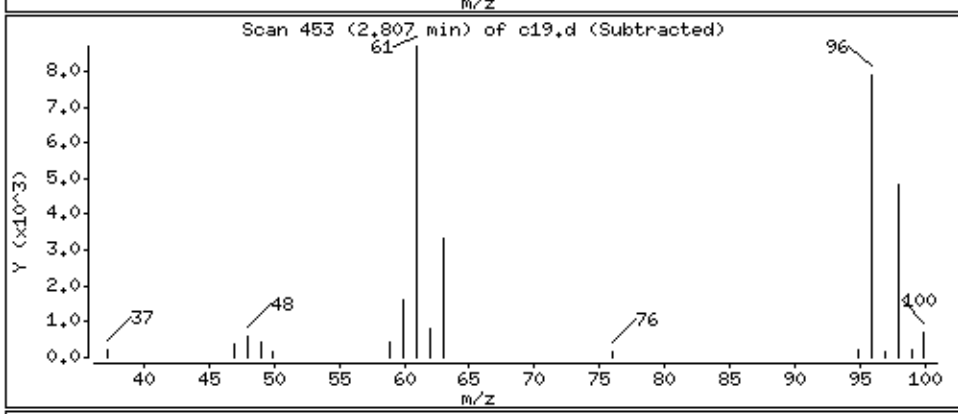
Column diameter: 0.18

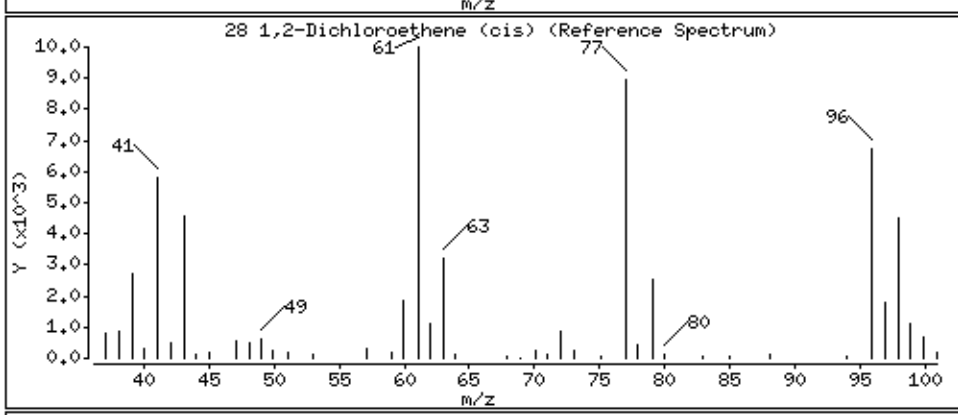
28 1,2-Dichloroethene (cis)

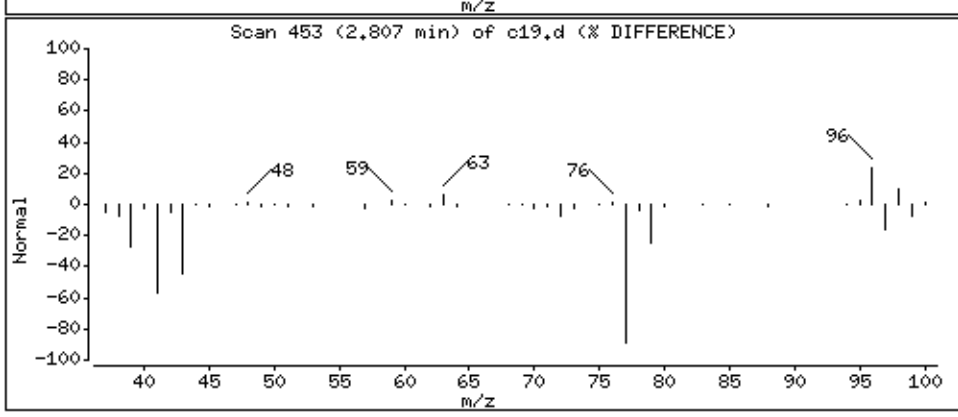
Concentration: 3.35 ppb

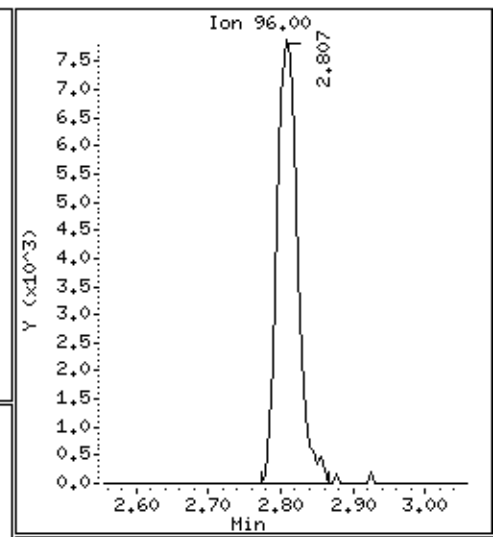
Review Code:

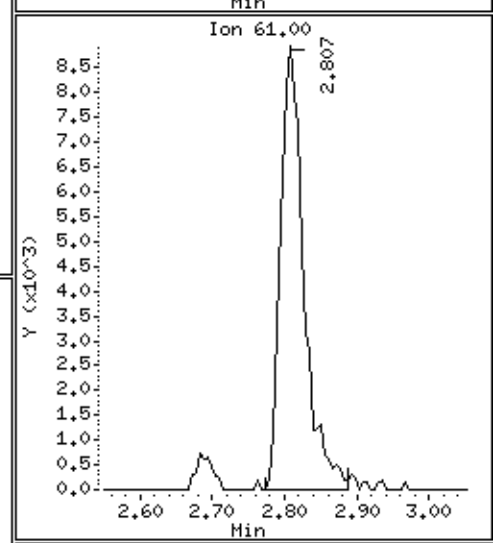


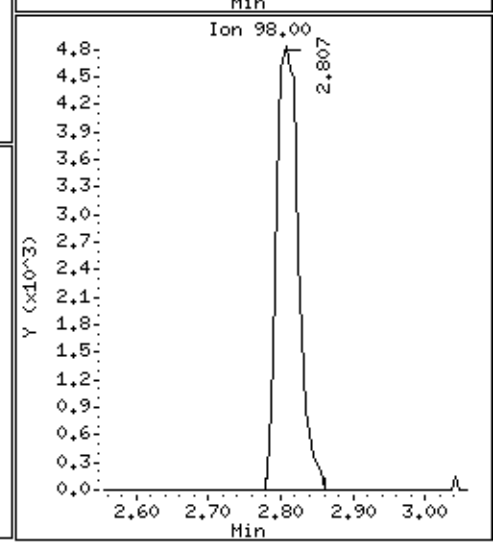












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c19.d

Date : 06-OCT-2017 08:00

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760013

Purge Volume: 5.0

Operator: jlz

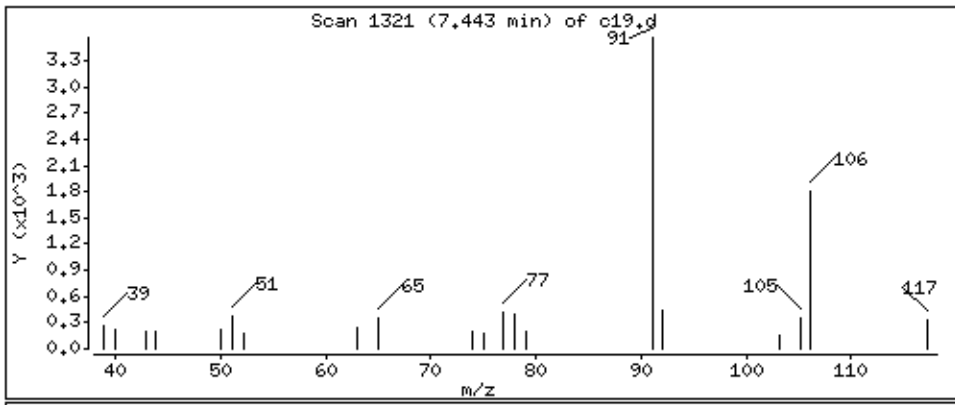
Column phase: DB-624

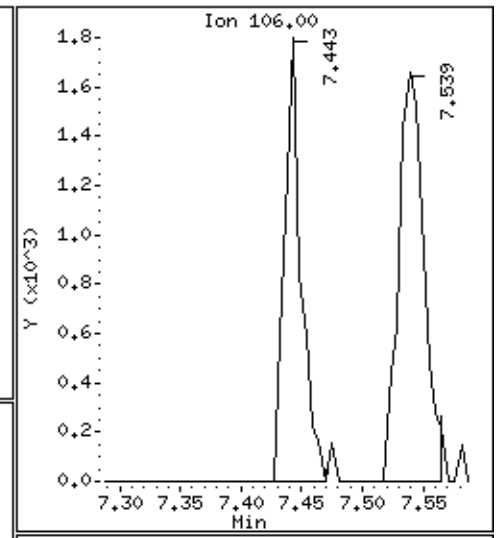
Column diameter: 0.18

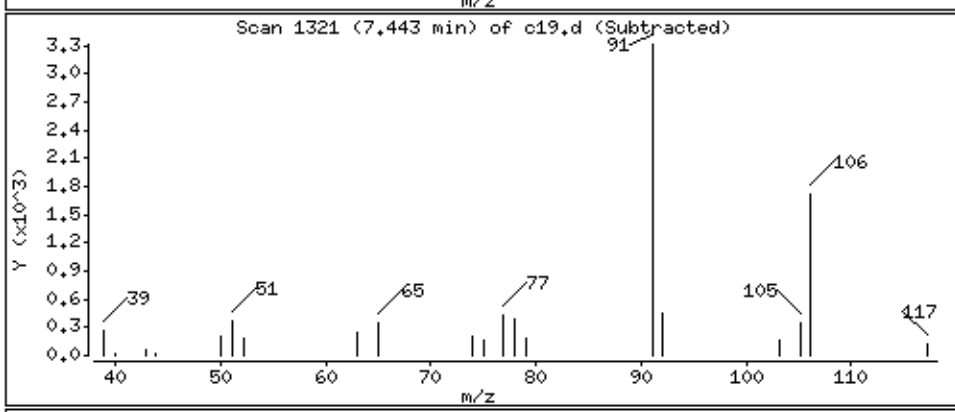
69 Ethylbenzene

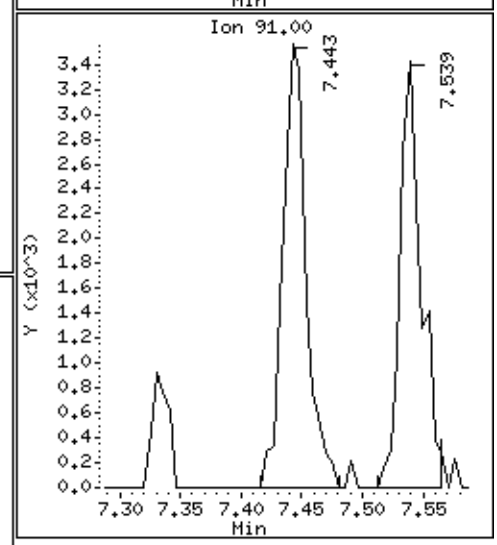
Concentration: 0.299 ppb

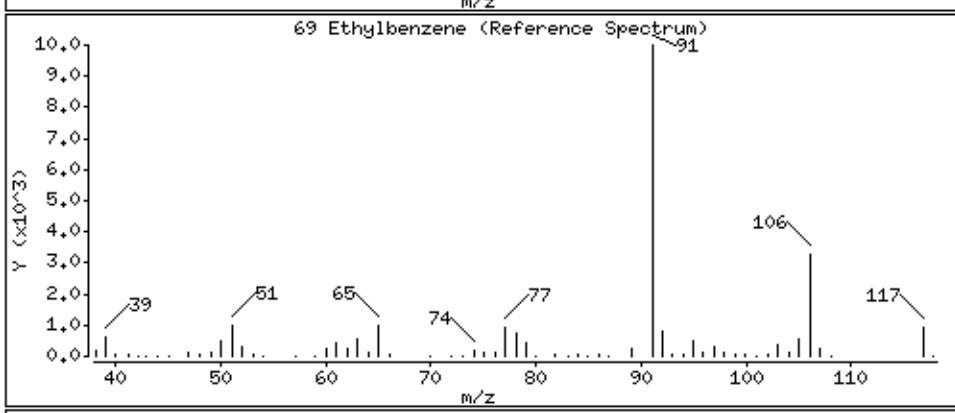
Review Code:

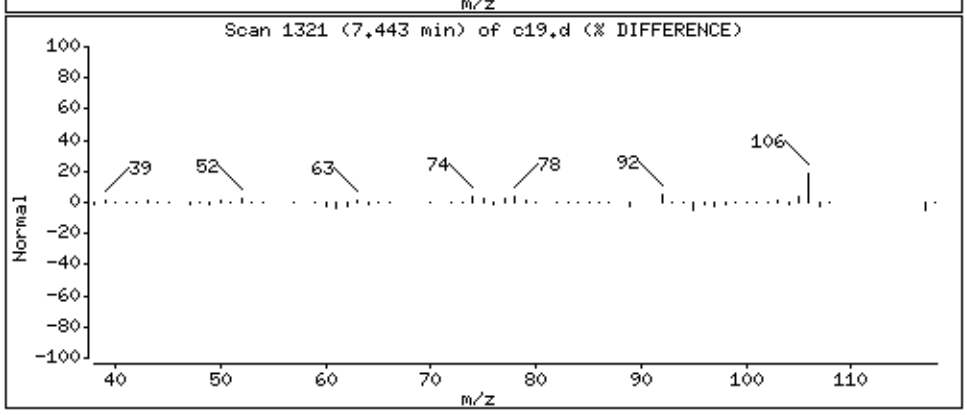












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c19.d
Injection Date: 06-OCT-2017 08:00
Instrument: 50mv3a.i
Lab Sample ID: 50180760013
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0621-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:32 Lab Sample ID: 50180760014

Date Analyzed: 10/06/2017 08:32 Lab File ID: A100517.B\C20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	220	
156-60-5	trans-1,2-Dichloroethene	29.5	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0621-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:32 Lab Sample ID: 50180760014

Date Analyzed: 10/06/2017 08:32 Lab File ID: A100517.B\C20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d
Lab Smp Id: 50180760014 Client Smp ID: MW-0621-S1 (092717)
Inj Date : 06-OCT-2017 08:32
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760014
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 87
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.034	1.033	(0.249)	6909	1.24810	1.25	
	7 Diethyl ether	74	1.461	1.460	(0.352)	1203	0.50846	0.508	
	22 1,2-Dichloroethene (trans)	96	2.027	2.026	(0.489)	135687	29.5430	29.5	
	23 n-Hexane	57	2.214	2.213	(0.534)	11403	1.20673	1.21	
	28 1,2-Dichloroethene (cis)	96	2.802	2.806	(0.676)	1067631	219.841	220(Q)	
$	35 Dibromofluoromethane (S)	113	3.320	3.319	(0.800)	184069	47.6404	47.6	
*	45 Fluorobenzene (IS)	96	4.148	4.152	(1.000)	782518	50.0000		
	46 Trichloroethene	95	4.612	4.606	(1.112)	7875946	1733.46	1730	
$	56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	705440	47.9053	47.9	
	57 Toluene	91	6.086	6.080	(0.830)	3474	0.18750	0.188	
*	66 Chlorobenzene-D5 (IS)	117	7.331	7.335	(1.000)	490826	50.0000		
	69 Ethylbenzene	106	7.443	7.437	(1.015)	1564	0.24565	0.246	
	70 m&p-Xylene	106	7.539	7.538	(1.028)	2227	0.30442	0.304	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.112)	190740	47.2379	47.2	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	163487	50.0000		

QC Flag Legend

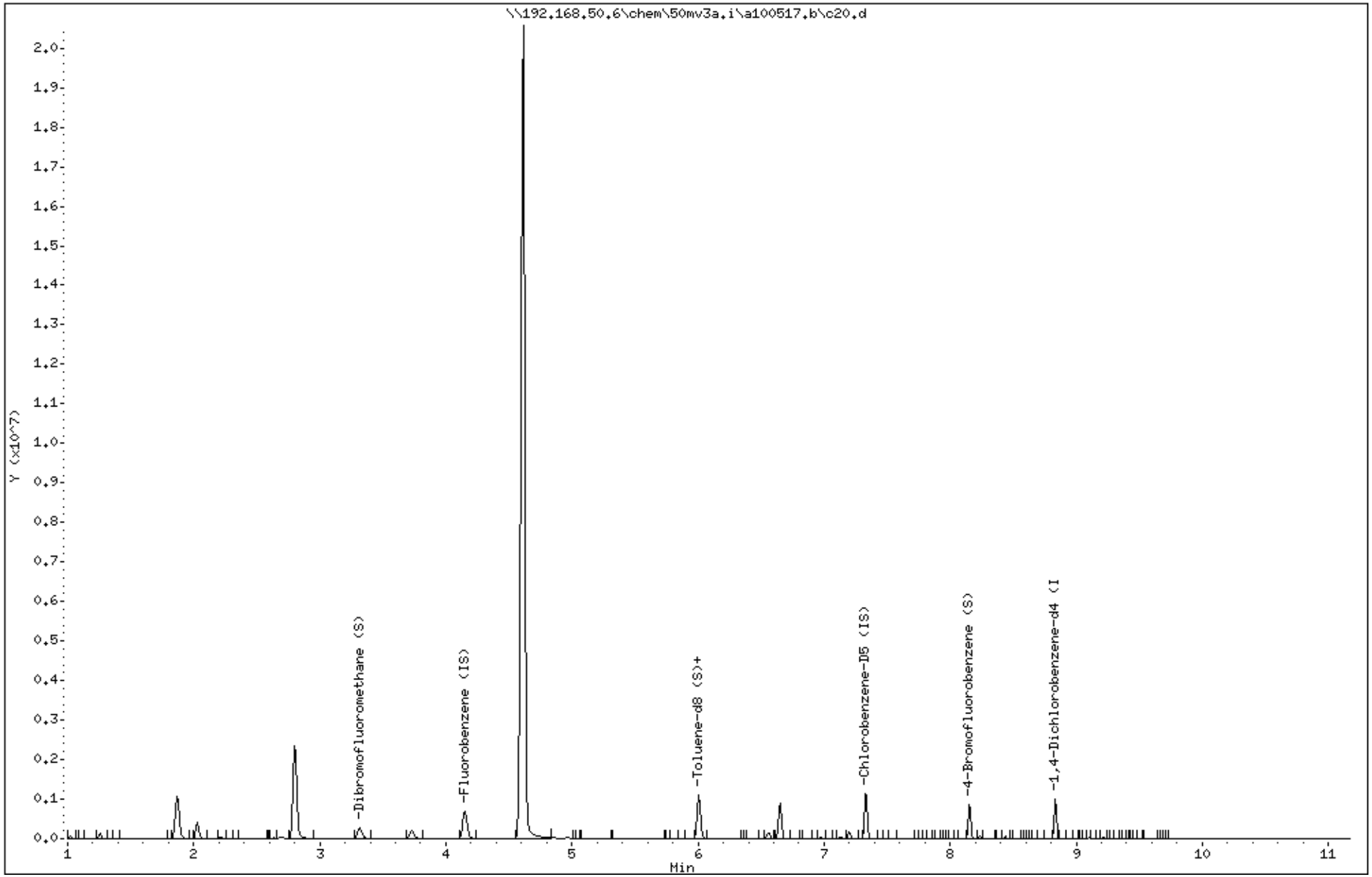
Q - Qualifier signal failed the ratio test.

QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d
Date : 06-OCT-2017 08:32
Client ID: MW-0621-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760014
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

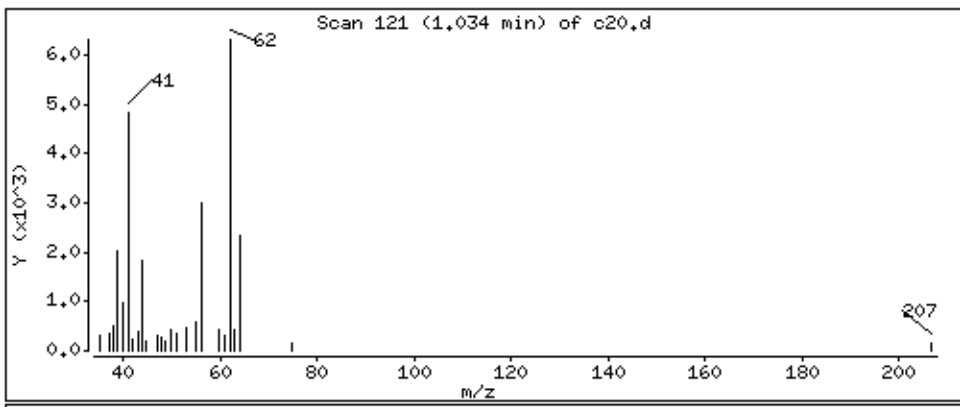
Column phase: DB-624

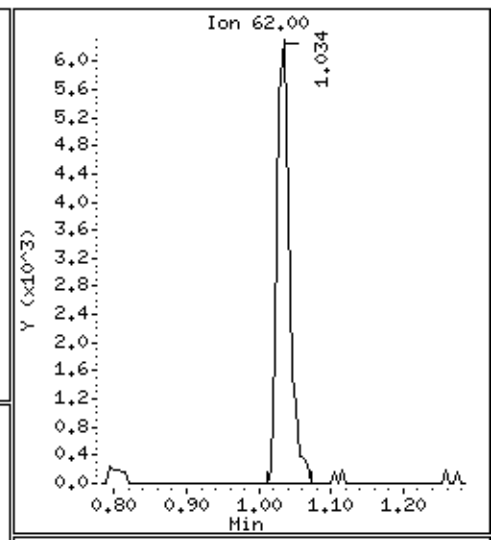
Column diameter: 0.18

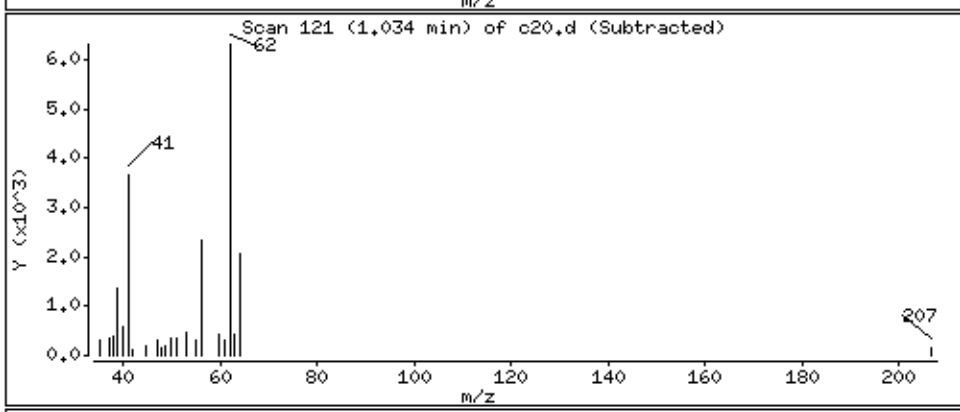
3 Vinyl Chloride

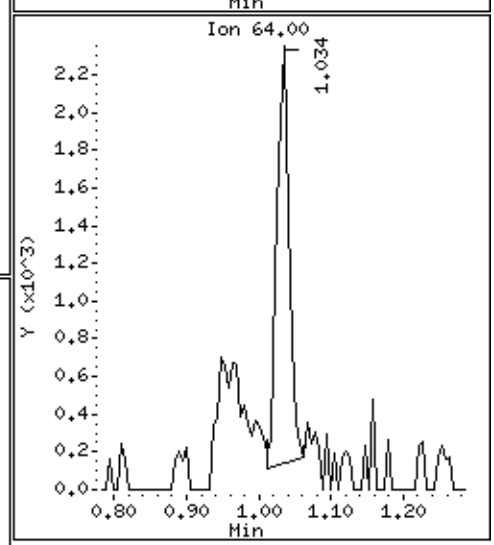
Concentration: 1.25 ppb

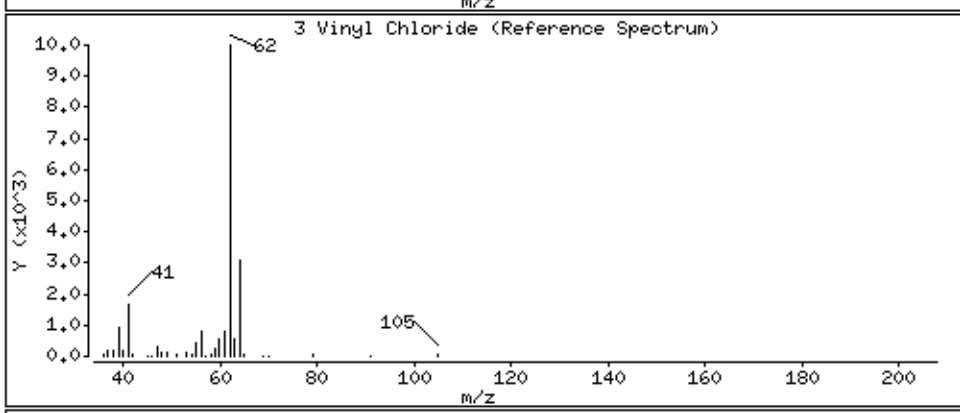
Review Code:

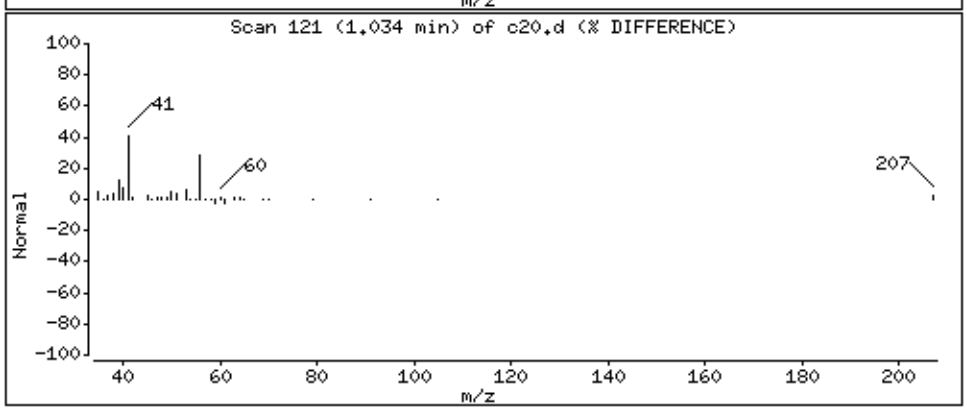












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

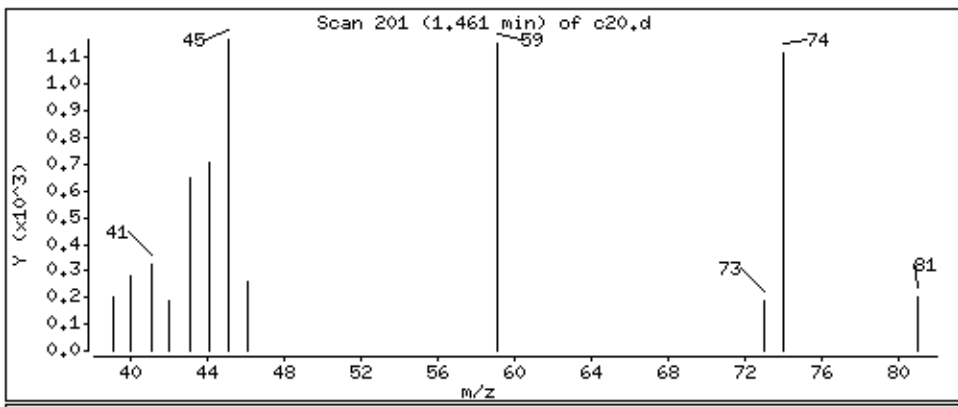
Column phase: DB-624

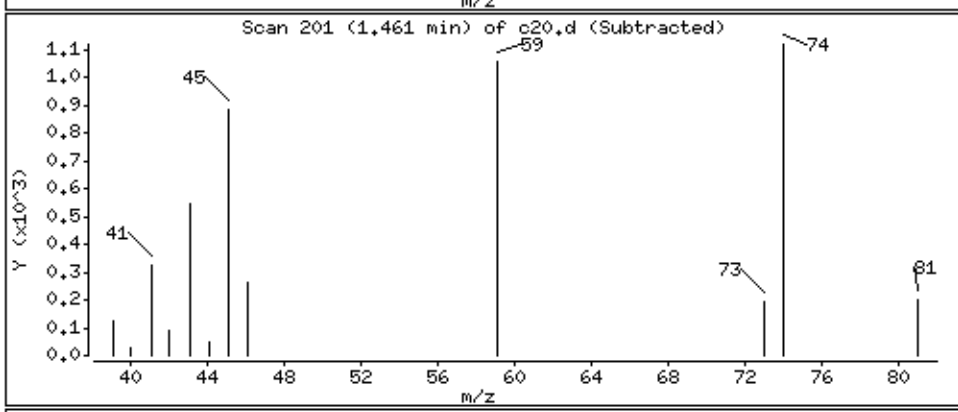
Column diameter: 0.18

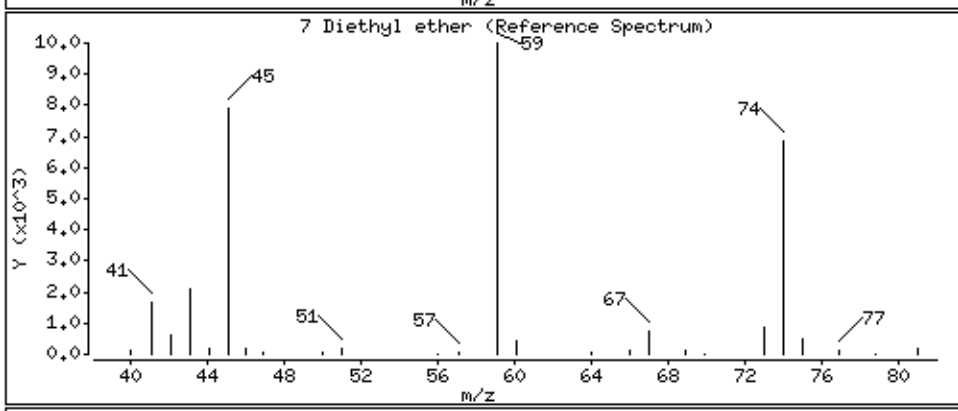
7 Diethyl ether

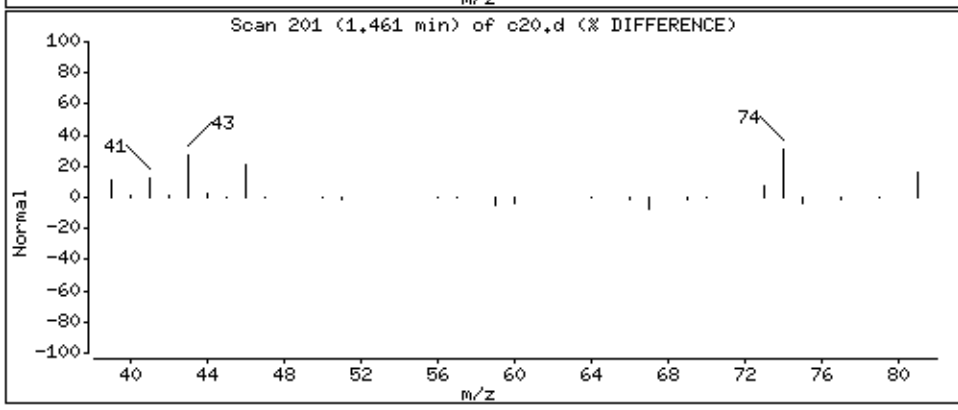
Concentration: 0.508 ppb

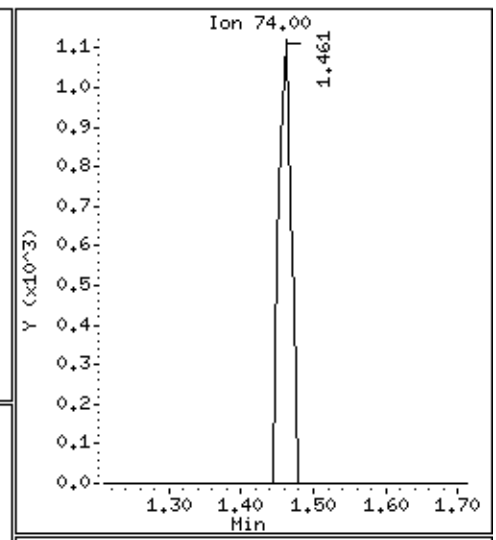
Review Code:

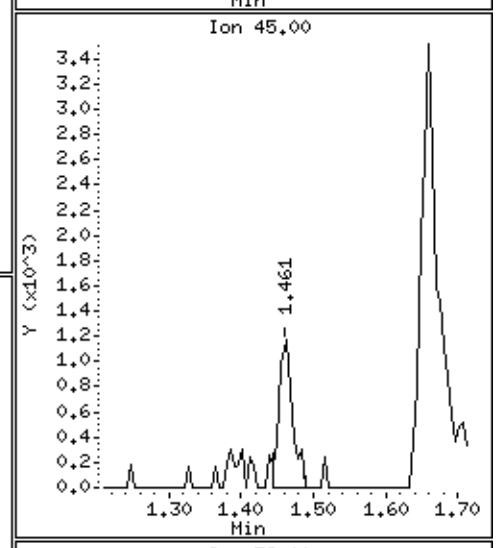


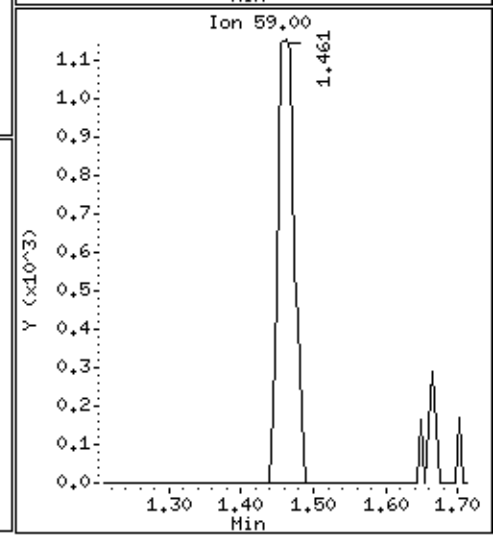












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

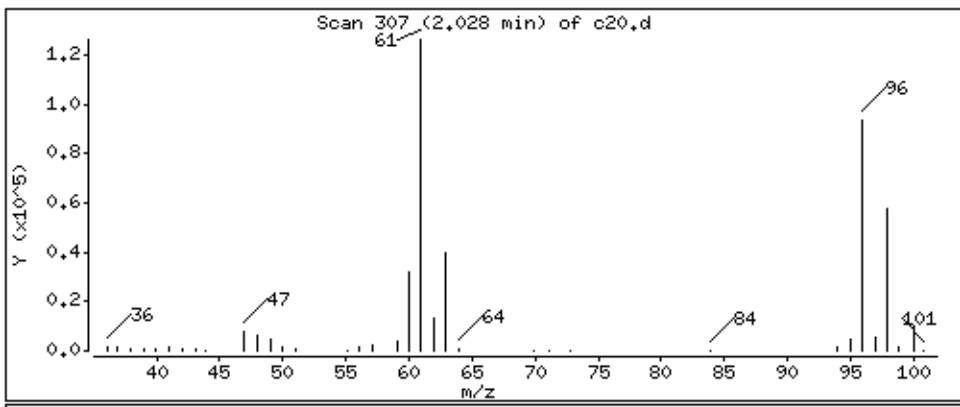
Column phase: DB-624

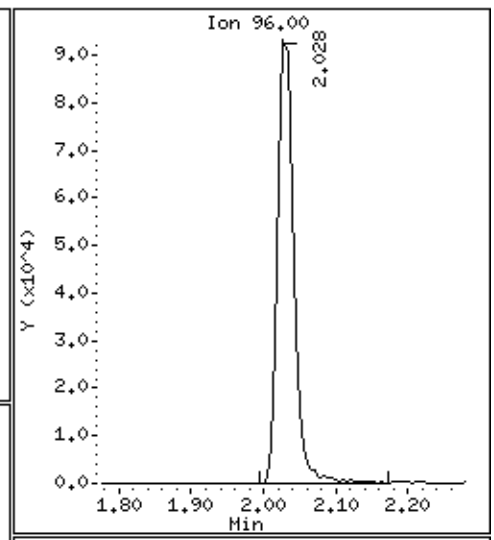
Column diameter: 0.18

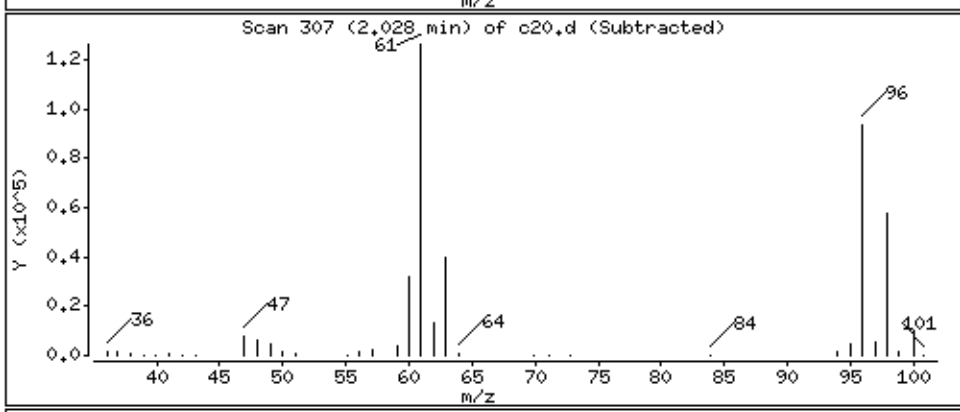
22 1,2-Dichloroethene (trans)

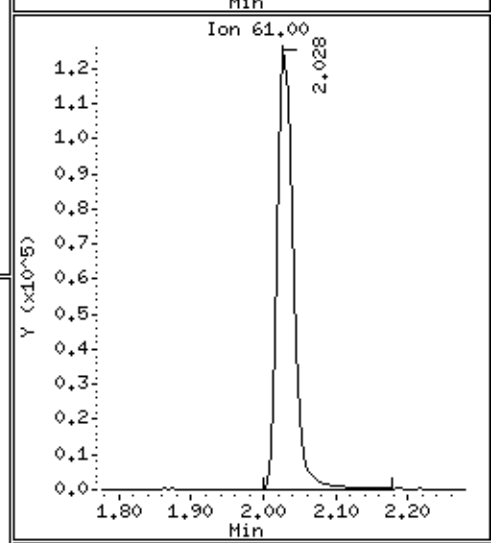
Concentration: 29.5 ppb

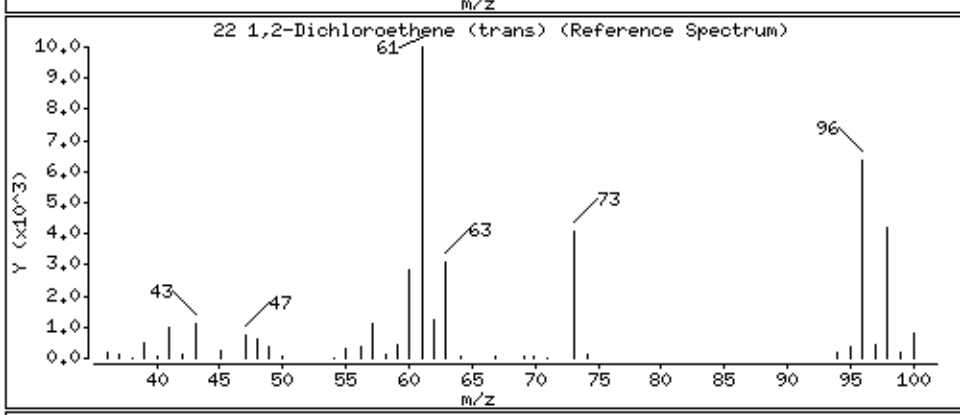
Review Code:

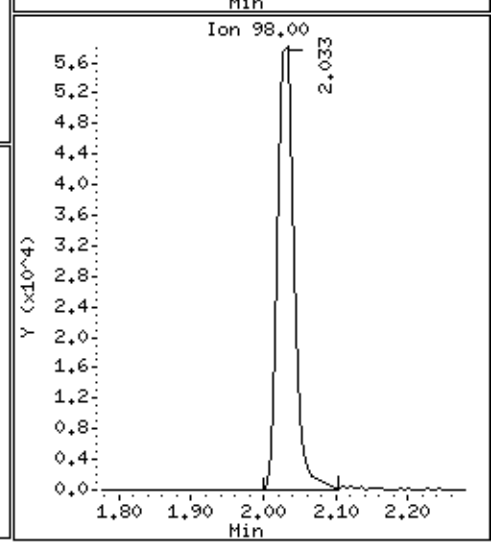


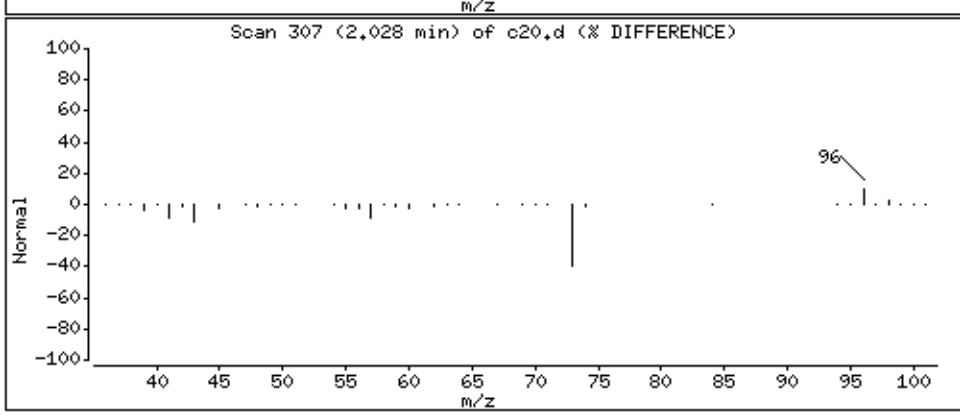












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

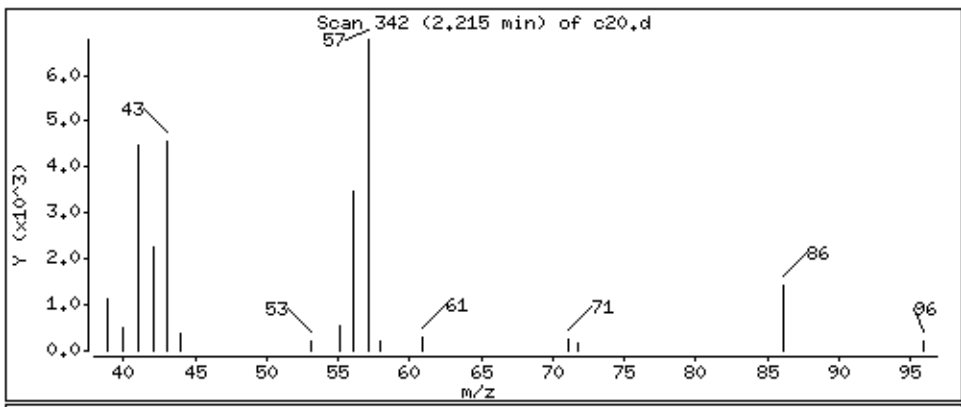
Column phase: DB-624

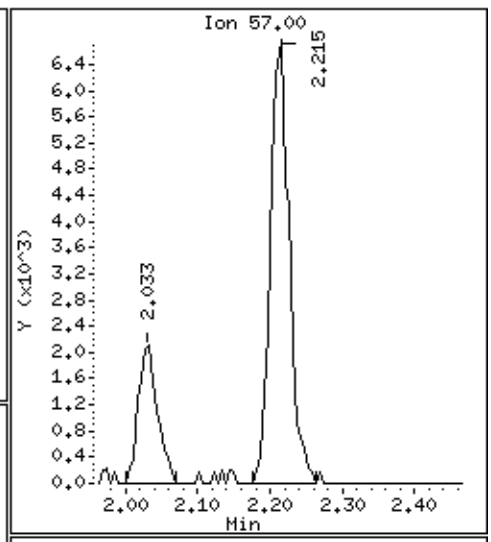
Column diameter: 0.18

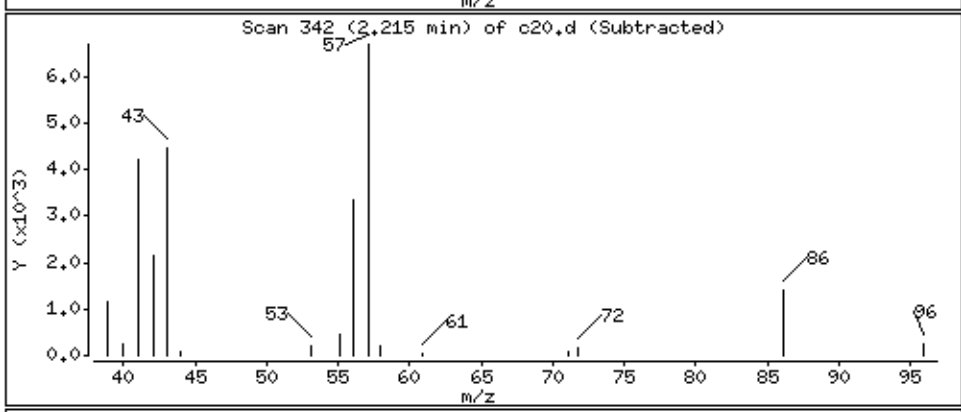
23 n-Hexane

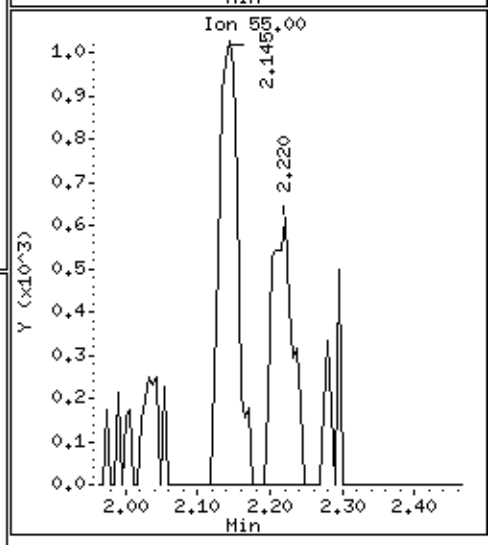
Concentration: 1.21 ppb

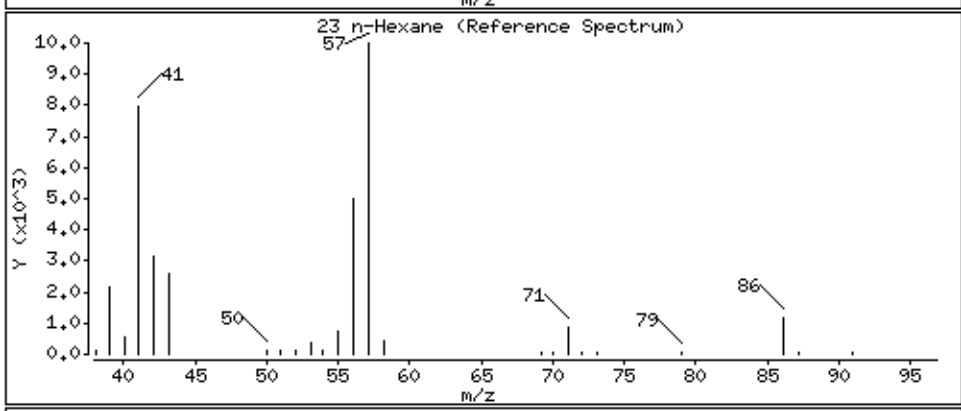
Review Code:

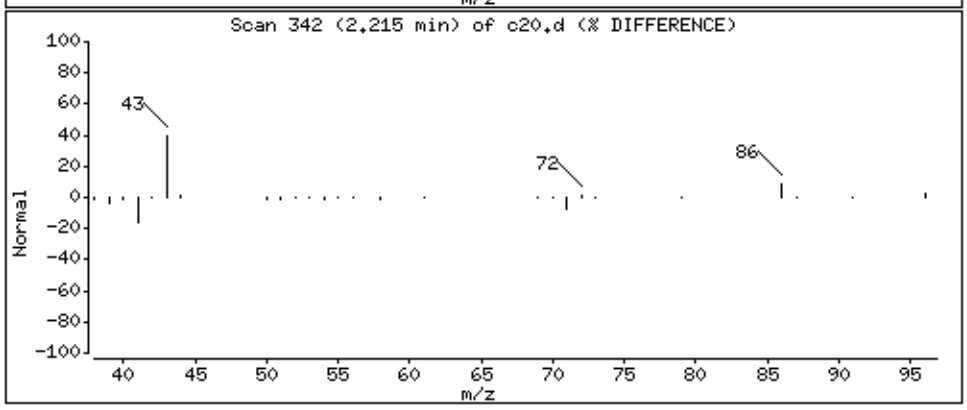












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

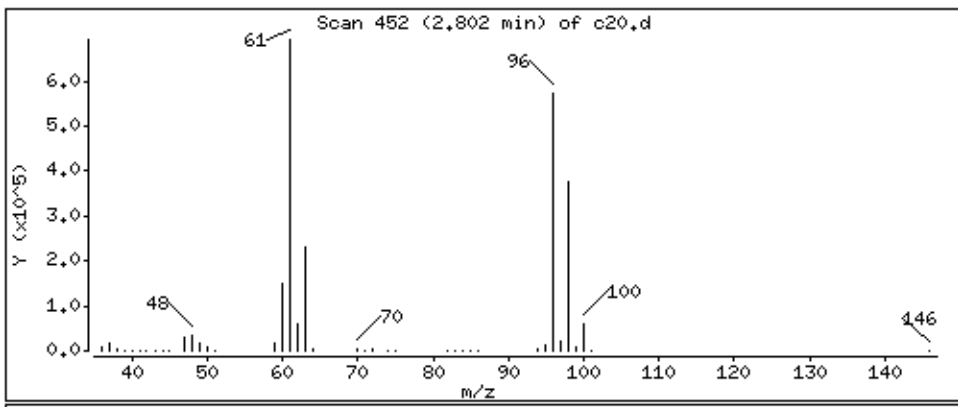
Column phase: DB-624

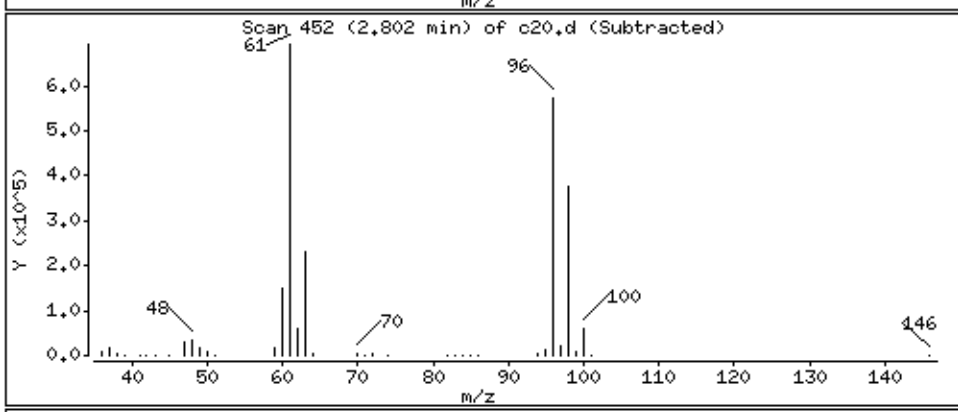
Column diameter: 0.18

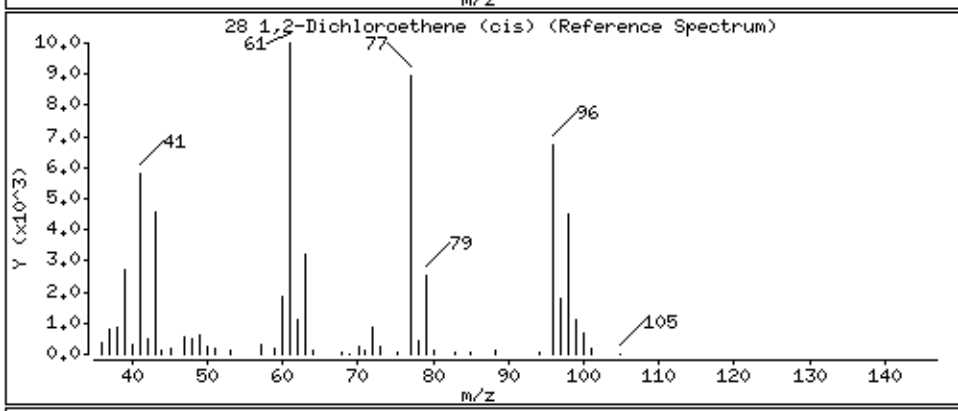
28 1,2-Dichloroethene (cis)

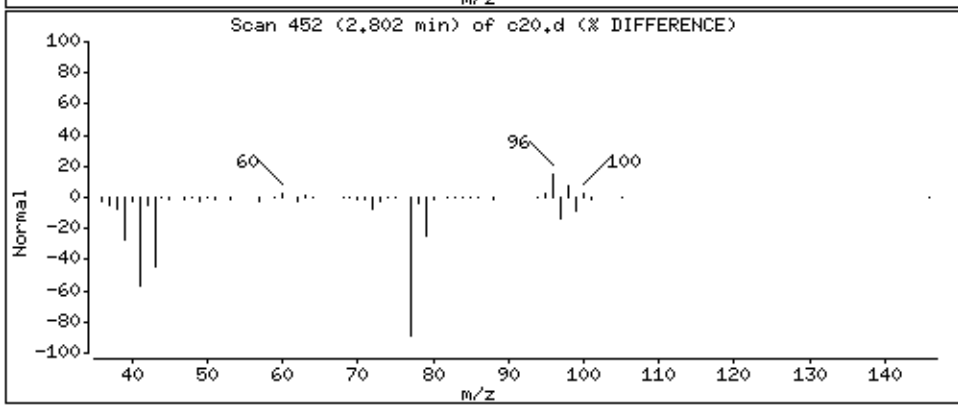
Concentration: 220 ppb

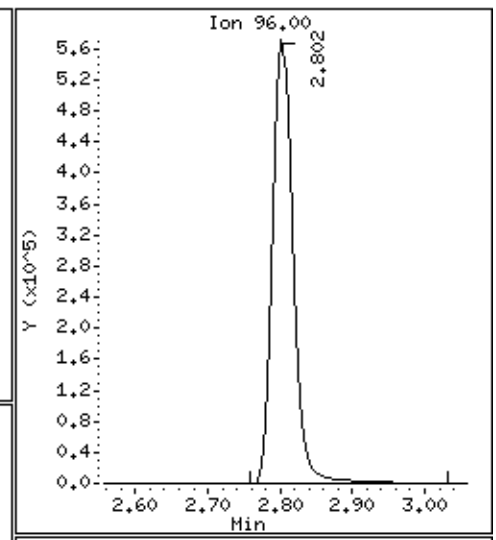
Review Code:

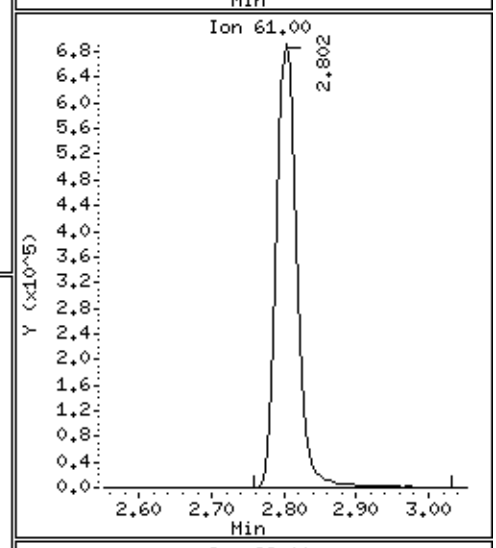


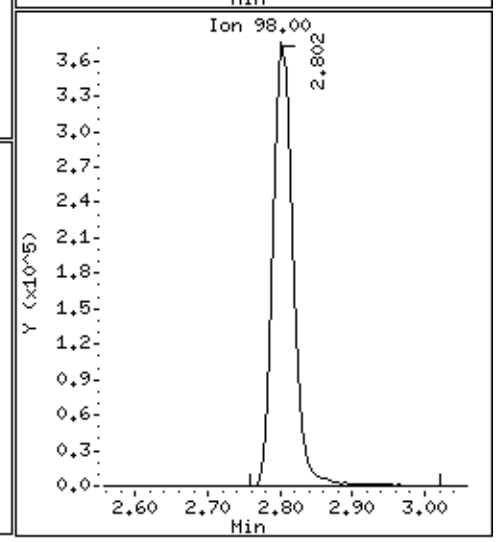












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

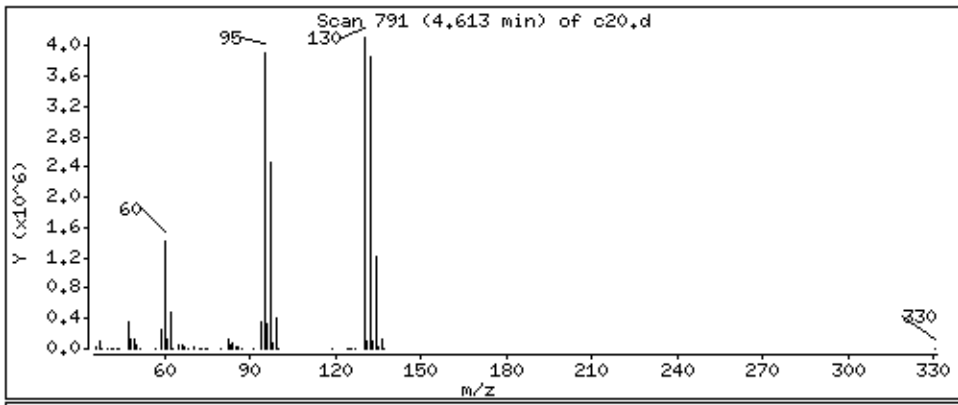
Column phase: DB-624

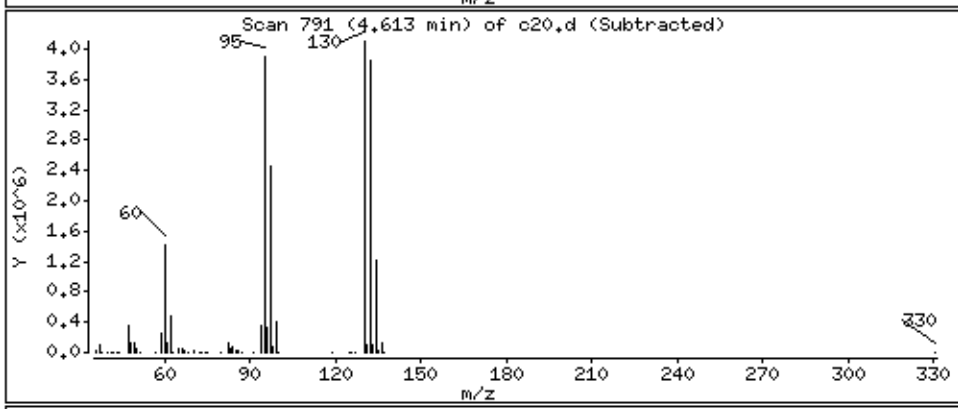
Column diameter: 0.18

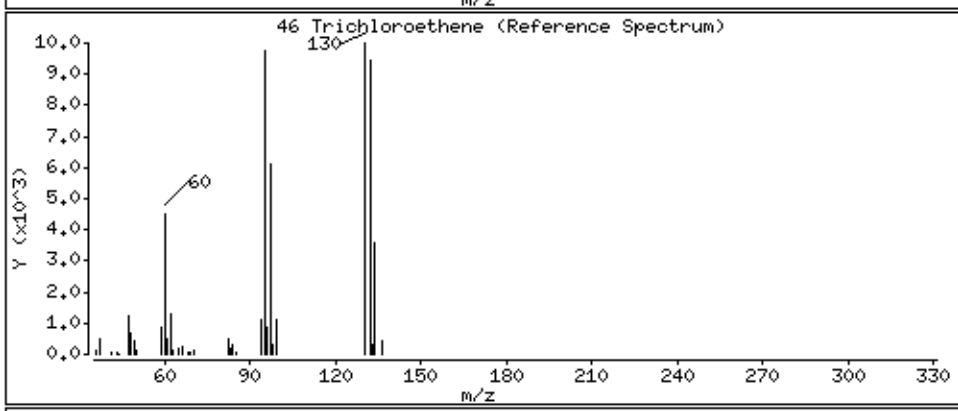
46 Trichloroethene

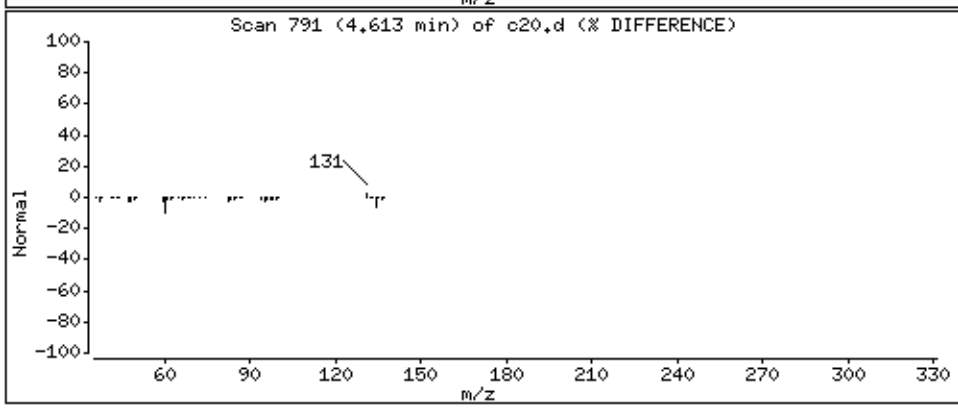
Concentration: 1730 ppb

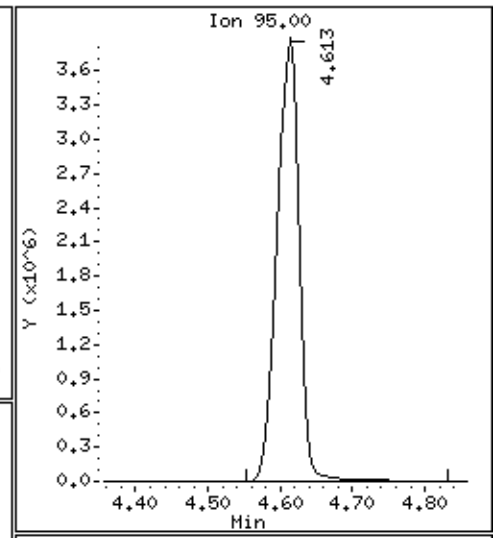
Review Code:

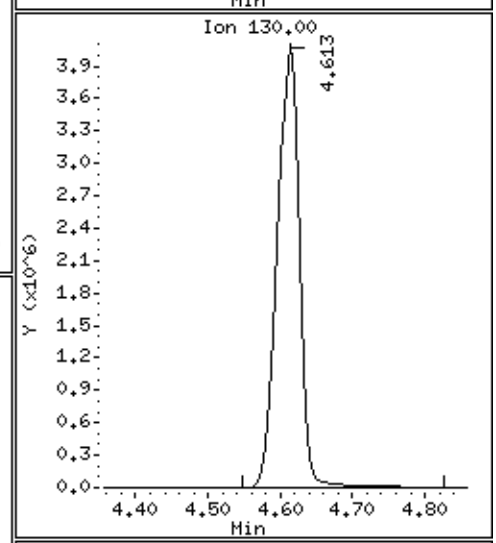


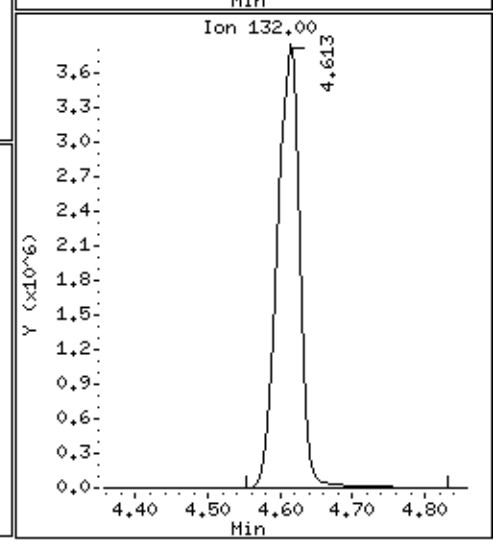












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

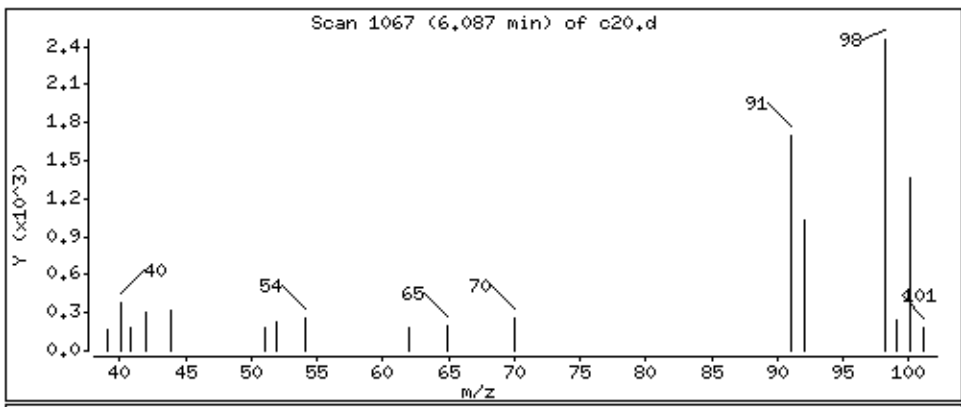
Column phase: DB-624

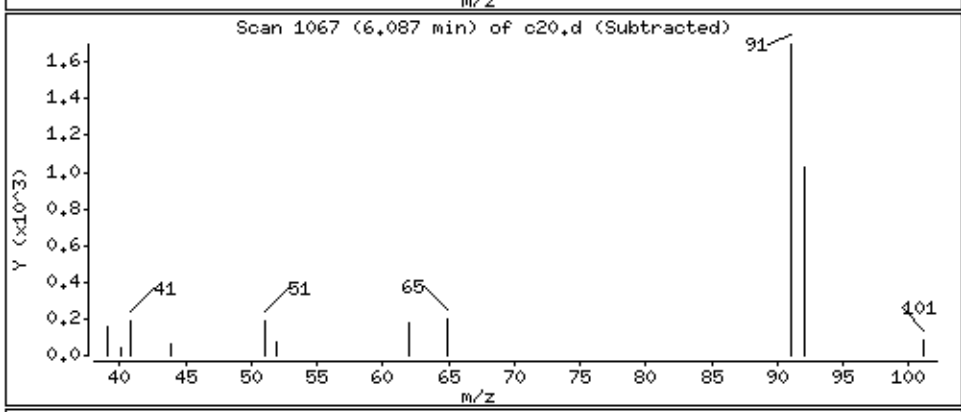
Column diameter: 0.18

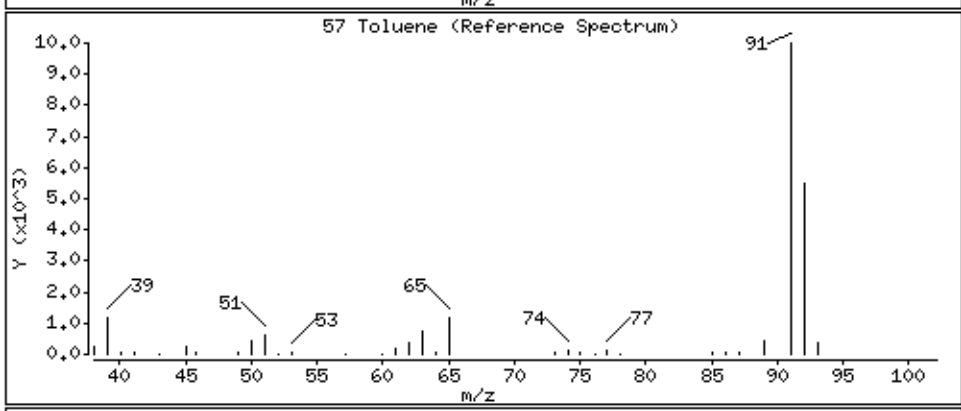
57 Toluene

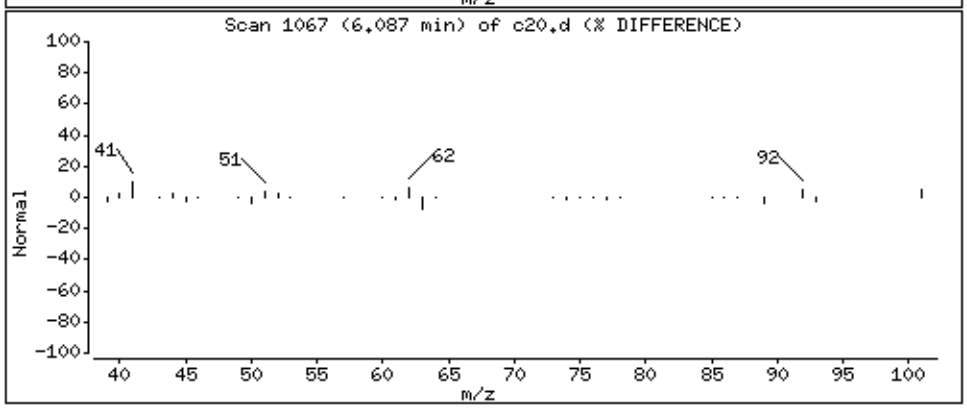
Concentration: 0.188 ppb

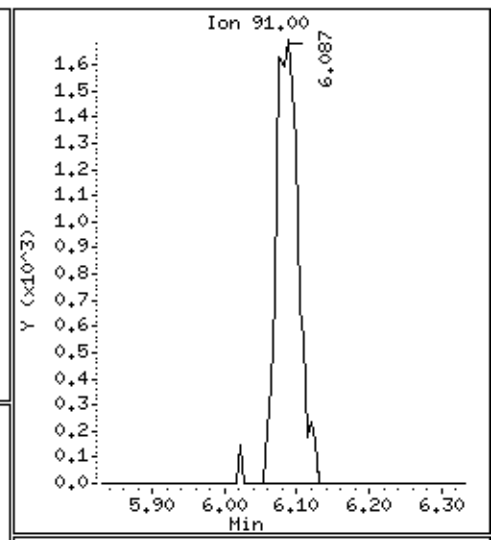
Review Code:

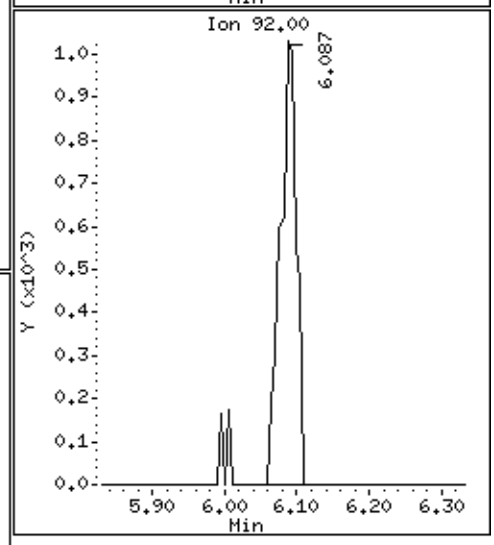












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

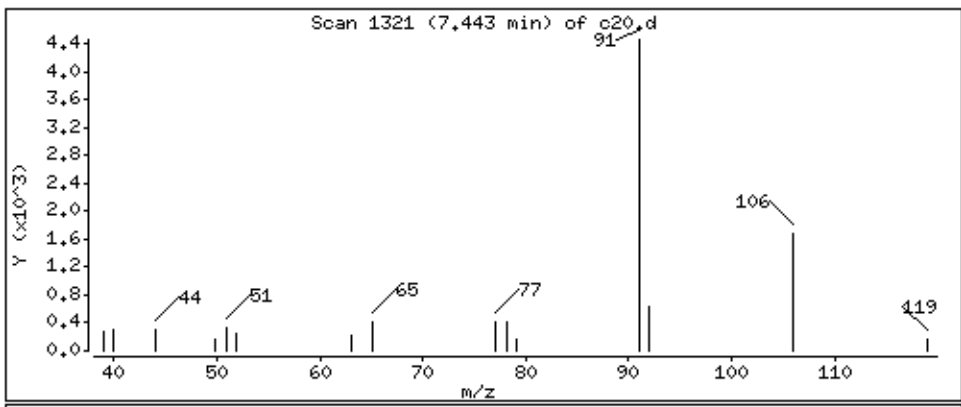
Column phase: DB-624

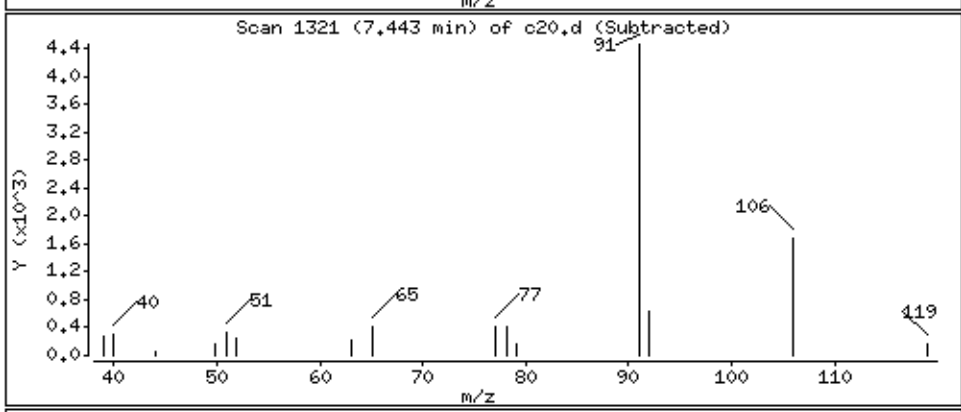
Column diameter: 0.18

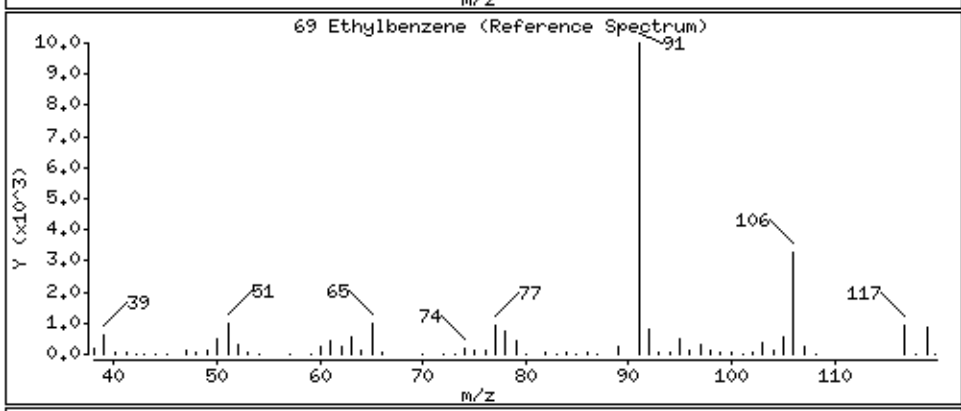
69 Ethylbenzene

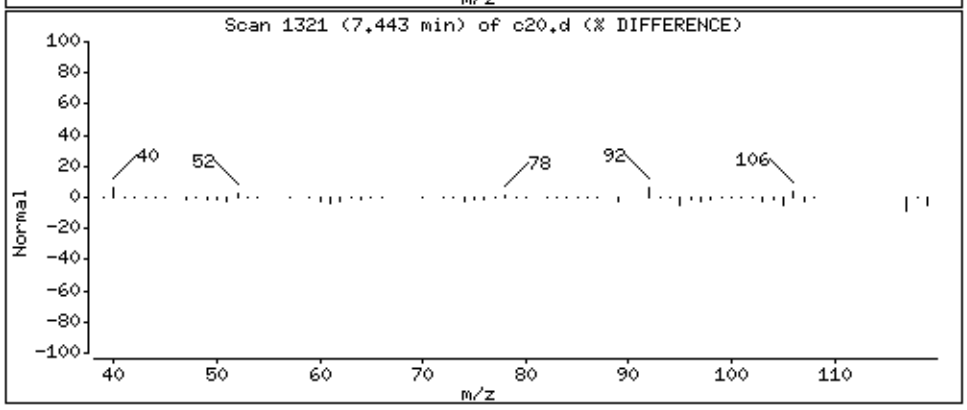
Concentration: 0.246 ppb

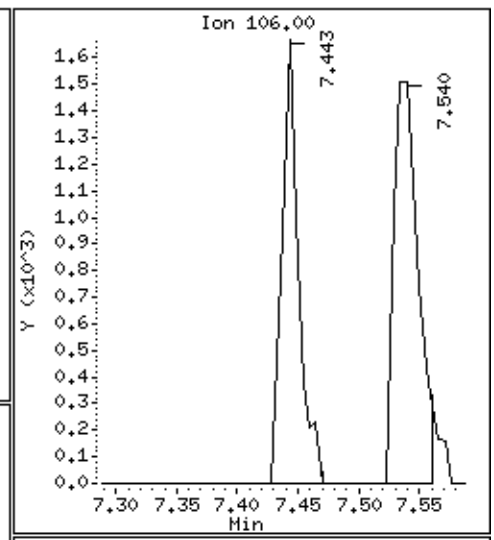
Review Code:

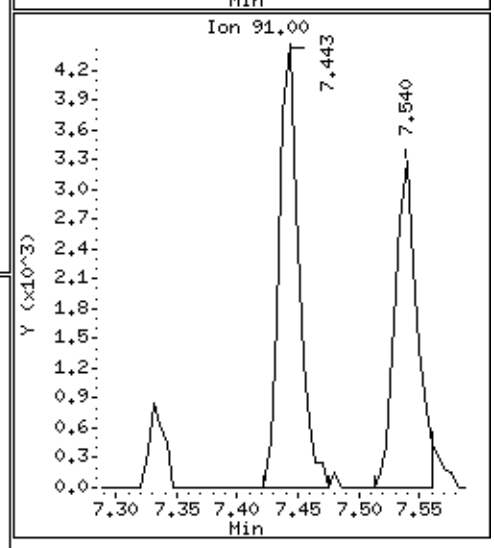












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c20.d

Date : 06-OCT-2017 08:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014

Purge Volume: 5.0

Operator: jlz

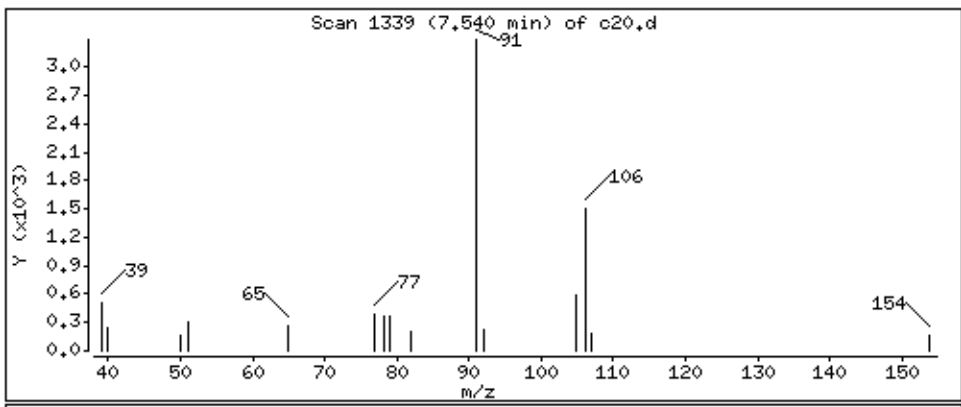
Column phase: DB-624

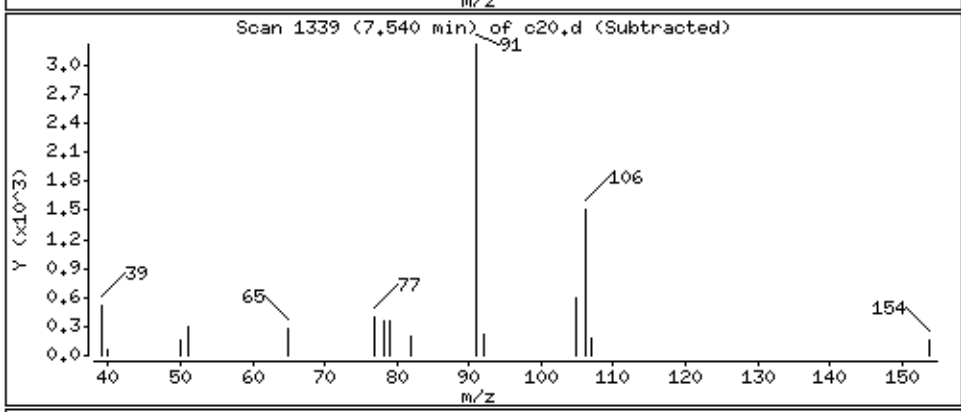
Column diameter: 0.18

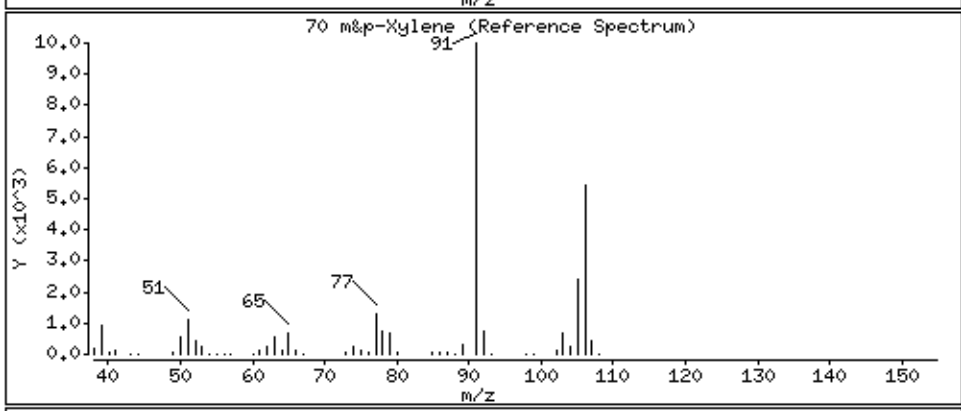
70 m&p-Xylene

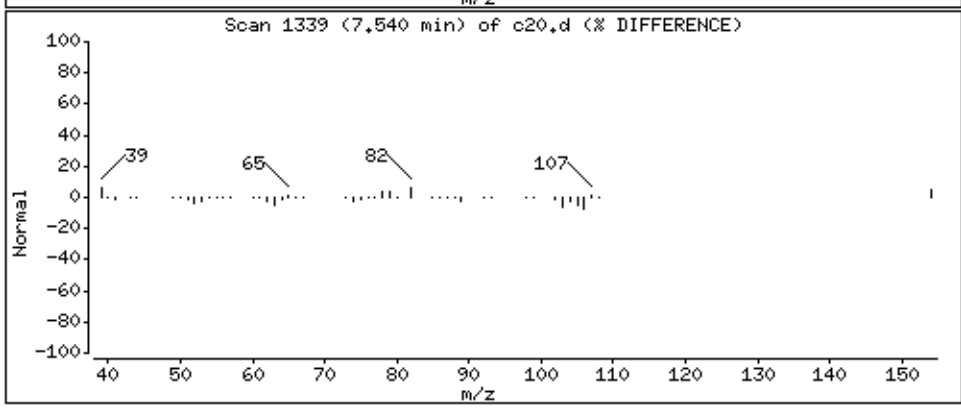
Concentration: 0.304 ppb

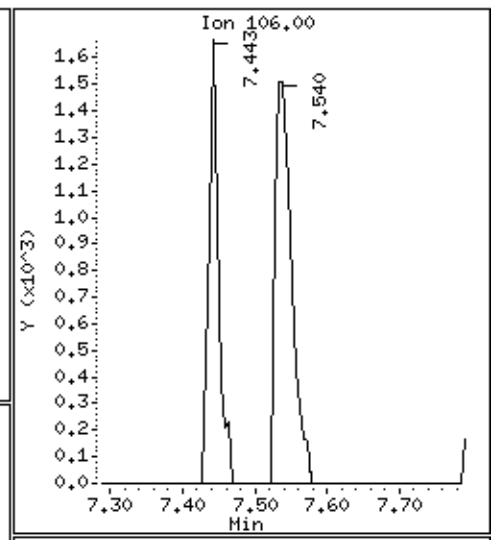
Review Code:

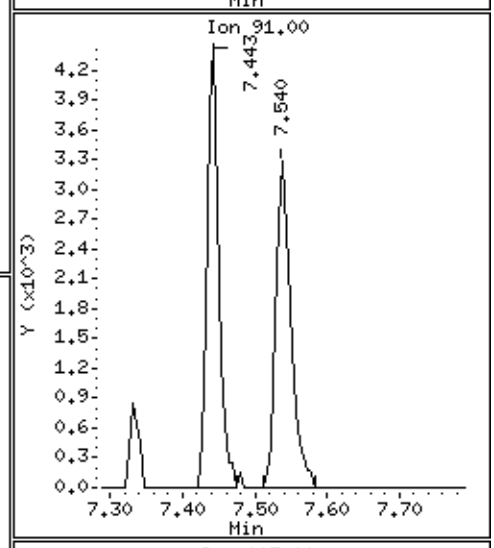


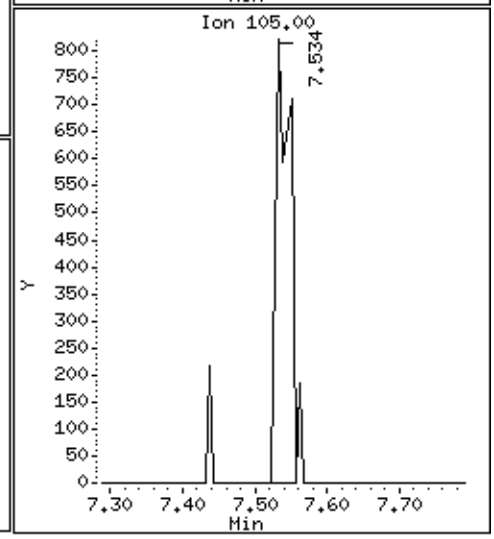












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c20.d
Injection Date: 06-OCT-2017 08:32
Instrument: 50mv3a.i
Lab Sample ID: 50180760014
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0621-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 07:32 Lab Sample ID: 50180760014

Date Analyzed: 10/10/2017 07:32 Lab File ID: A100917.B\C17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 10 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	2010	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d
Lab Smp Id: 50180760014 Client Smp ID: MW-0621-S1 (092717)
Inj Date : 10-OCT-2017 07:32
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760014x10
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 81
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	22 1,2-Dichloroethene (trans)	96	2.029	2.029	(0.489)	14006	3.63894	36.4	
	23 n-Hexane	57	2.211	2.210	(0.533)	10328	1.30422	13.0	
	28 1,2-Dichloroethene (cis)	96	2.803	2.803	(0.676)	105778	25.9912	260(Q)	
$	35 Dibromofluoromethane (S)	113	3.316	3.316	(0.799)	159146	49.1513	49.2	
*	45 Fluorobenzene (IS)	96	4.149	4.149	(1.000)	655768	50.0000		
	46 Trichloroethene	95	4.603	4.603	(1.109)	763541	200.534	2000	
$	56 Toluene-d8 (S)	98	6.003	6.008	(0.819)	611345	47.8994	47.9	
	57 Toluene	91	6.088	6.077	(0.830)	2697	0.16795	1.68	
*	66 Chlorobenzene-D5 (IS)	117	7.333	7.332	(1.000)	425410	50.0000		
$	75 4-Bromofluorobenzene (S)	95	8.155	8.155	(1.112)	165417	47.2660	47.3	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.833	(1.000)	147233	50.0000		

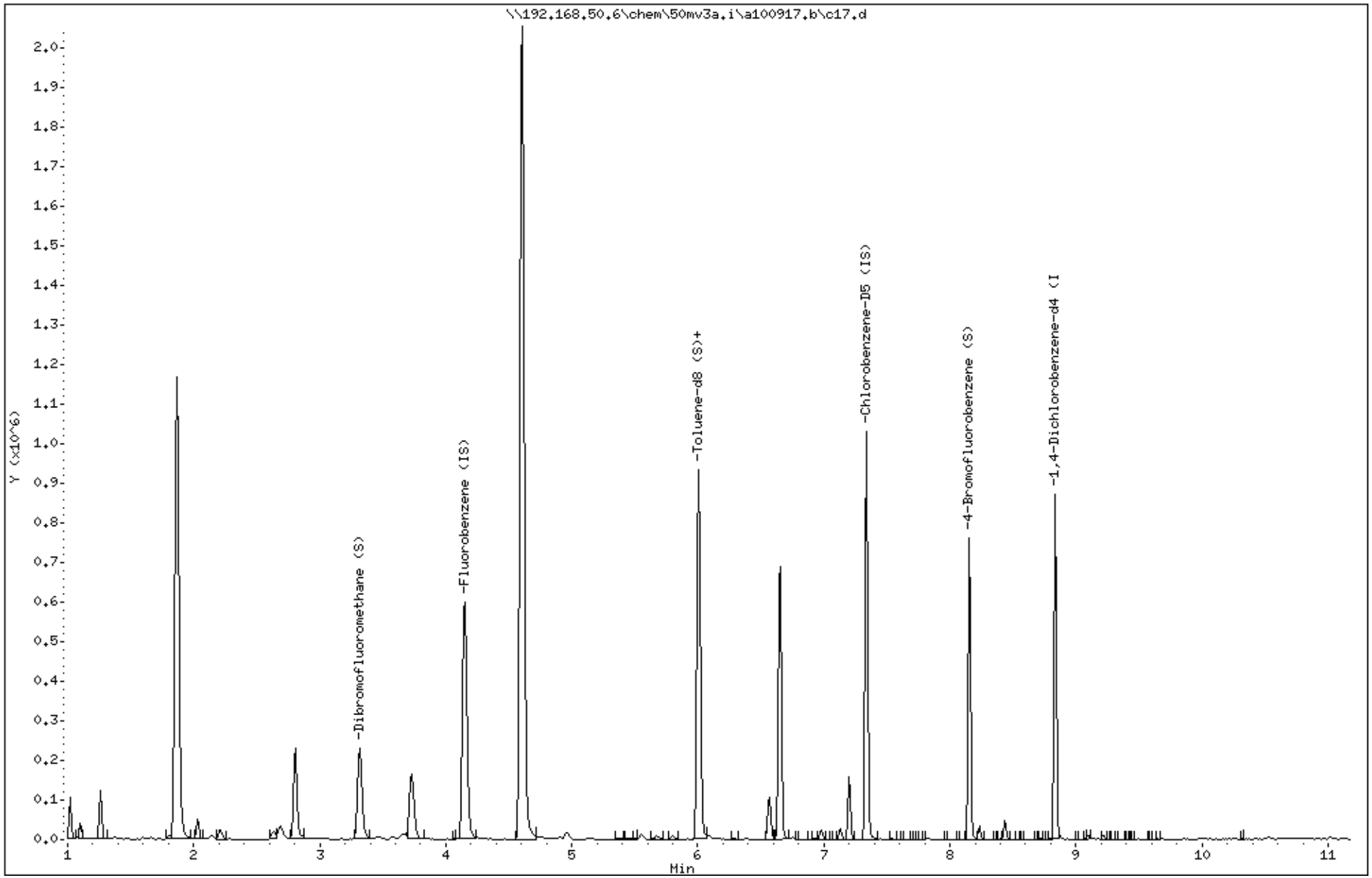
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d
Date : 10-OCT-2017 07:32
Client ID: MW-0621-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760014x10
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 10-OCT-2017 07:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014x10

Purge Volume: 5.0

Operator: jlz

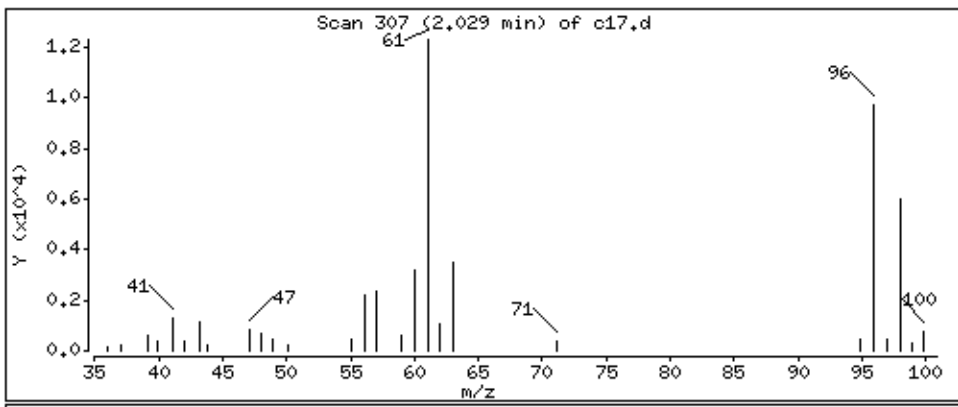
Column phase: DB-624

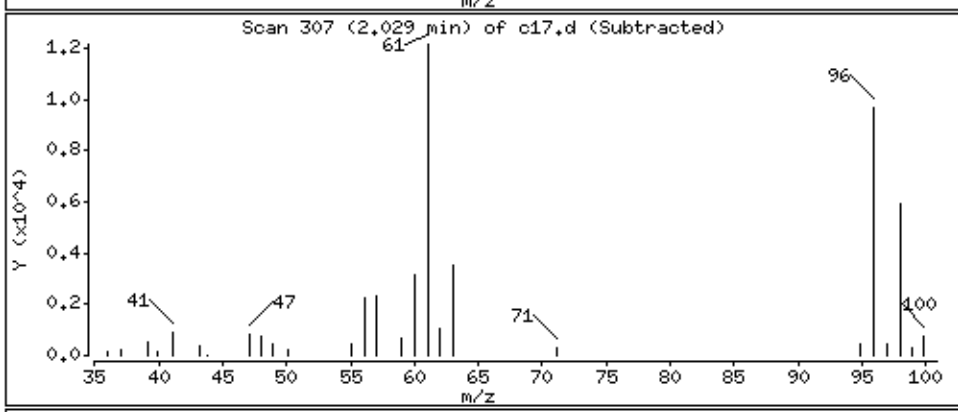
Column diameter: 0.18

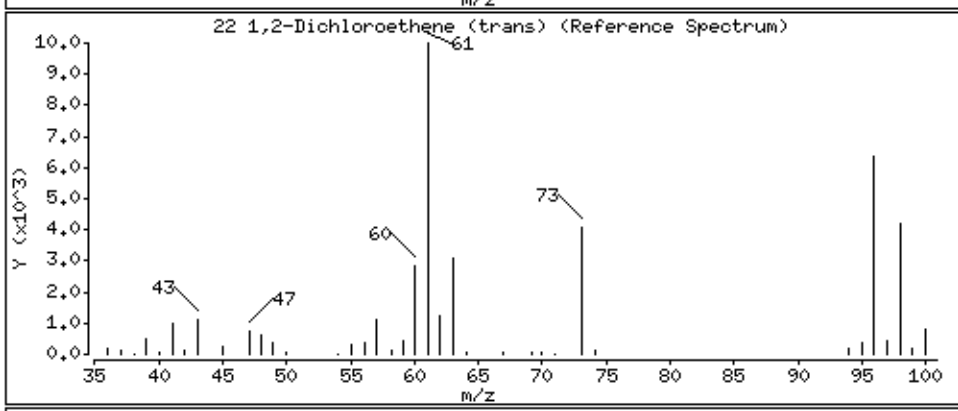
22 1,2-Dichloroethene (trans)

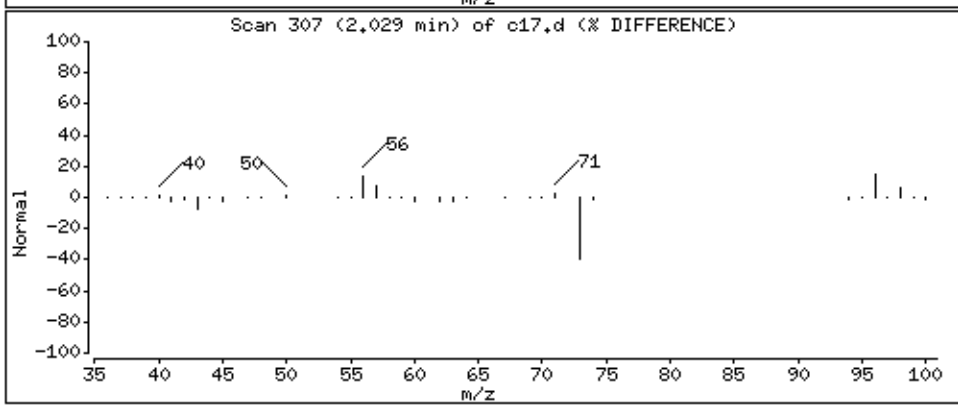
Concentration: 36.4 ppb

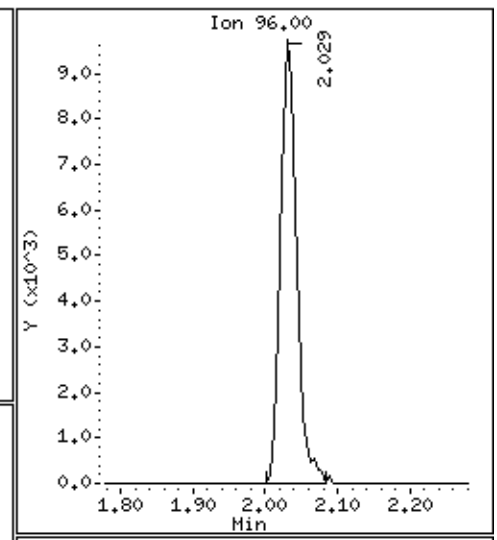
Review Code:

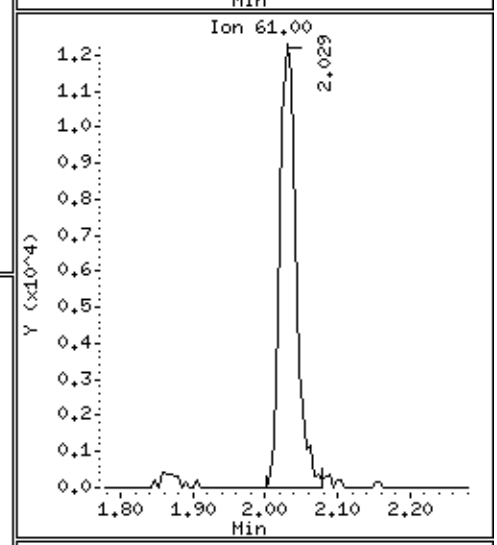


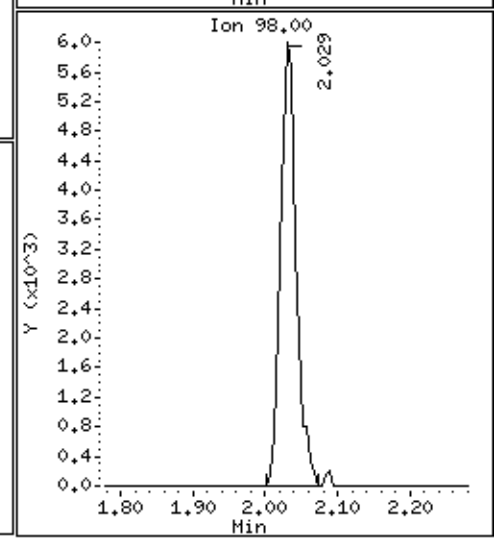












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d

Date : 10-OCT-2017 07:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014x10

Purge Volume: 5.0

Operator: jlz

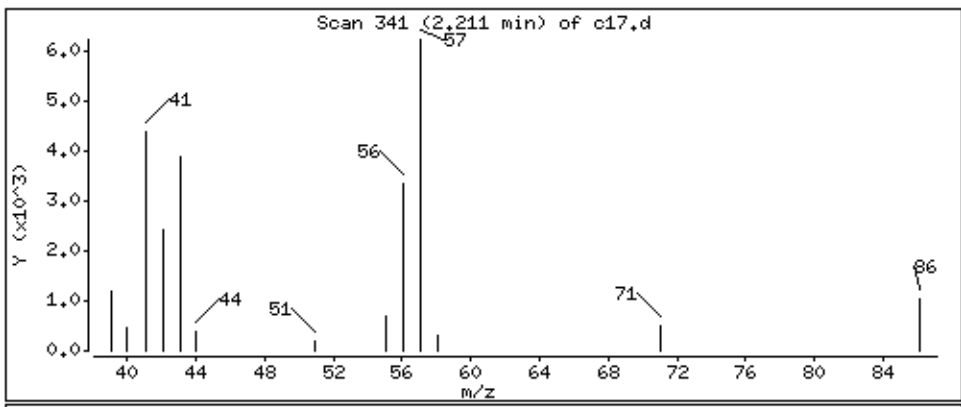
Column phase: DB-624

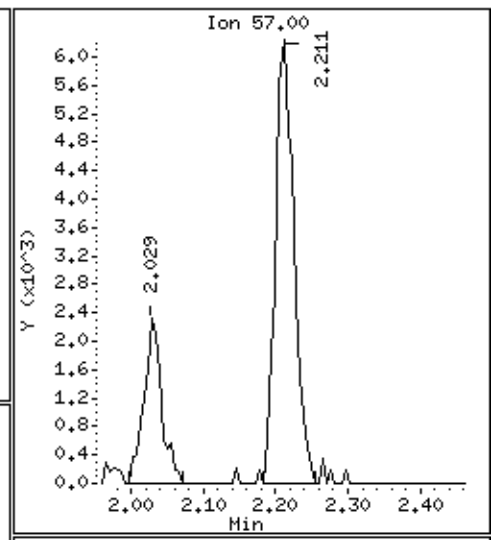
Column diameter: 0.18

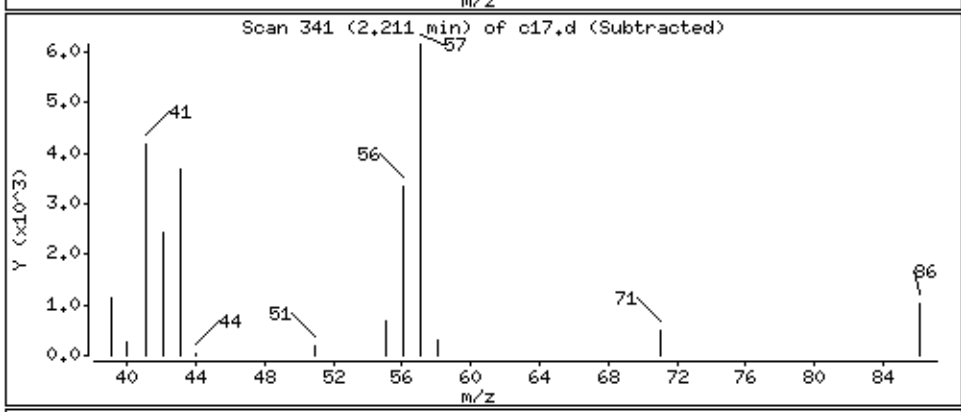
23 n-Hexane

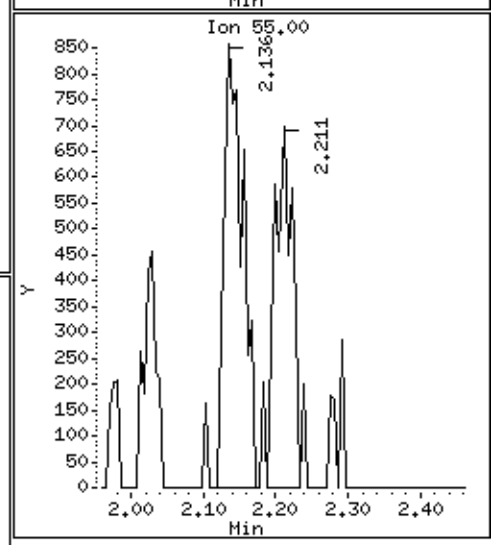
Concentration: 13.0 ppb

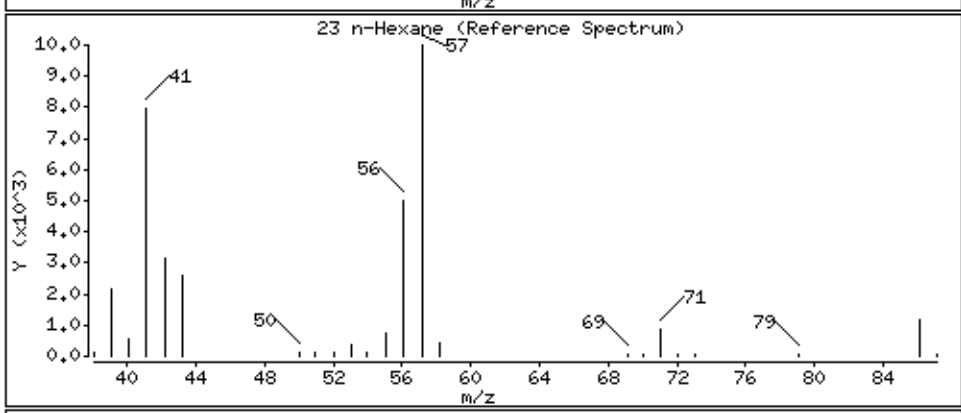
Review Code:

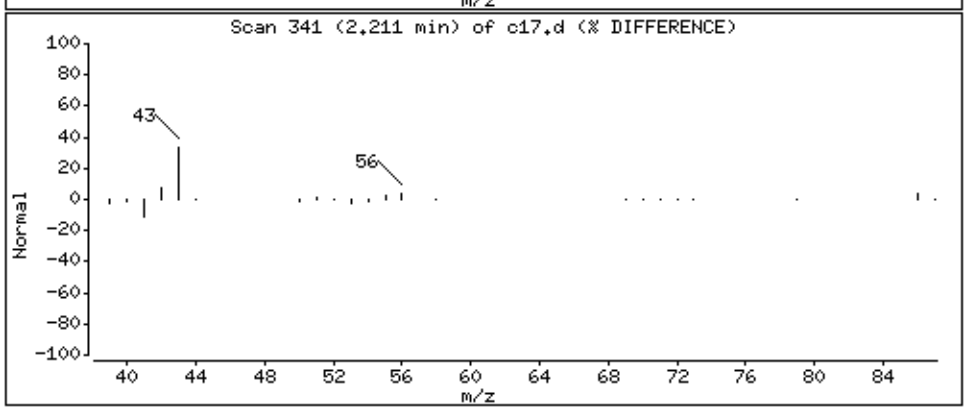












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d

Date : 10-OCT-2017 07:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014x10

Purge Volume: 5.0

Operator: jlz

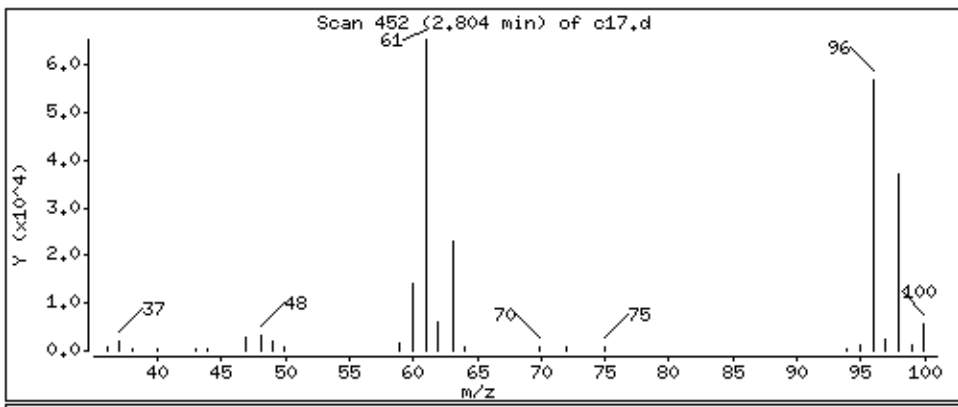
Column phase: DB-624

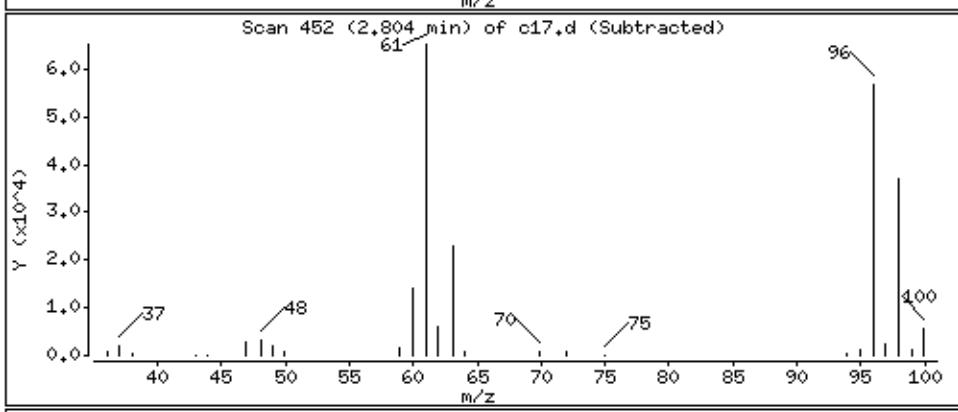
Column diameter: 0.18

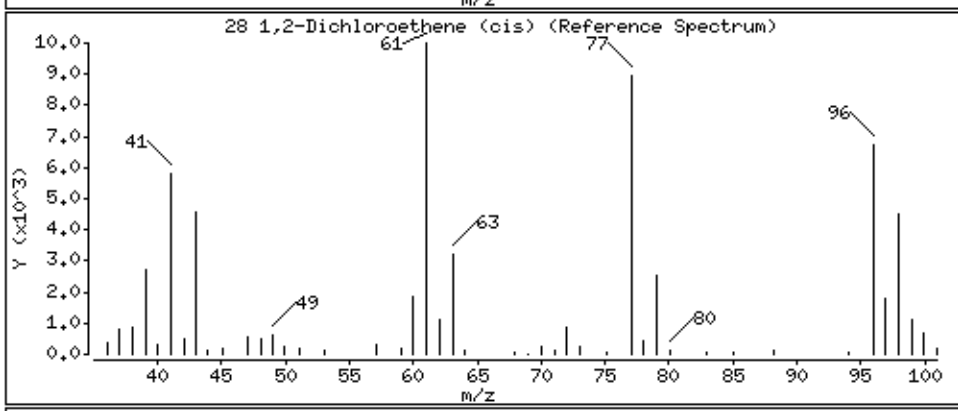
28 1,2-Dichloroethene (cis)

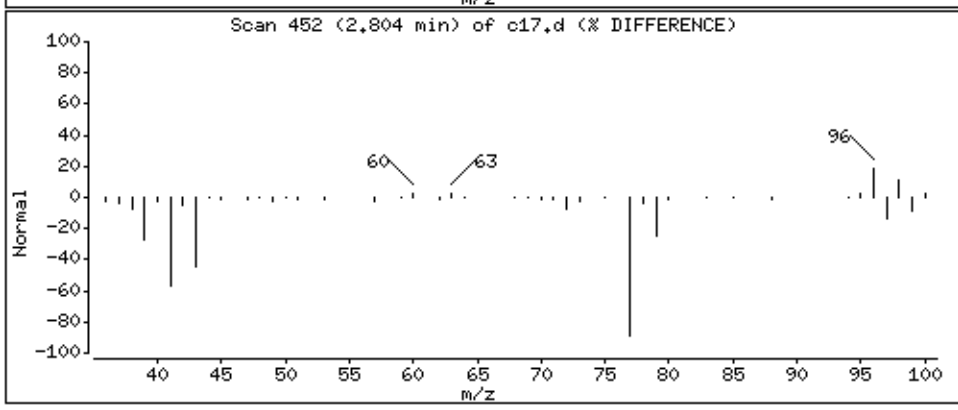
Concentration: 260 ppb

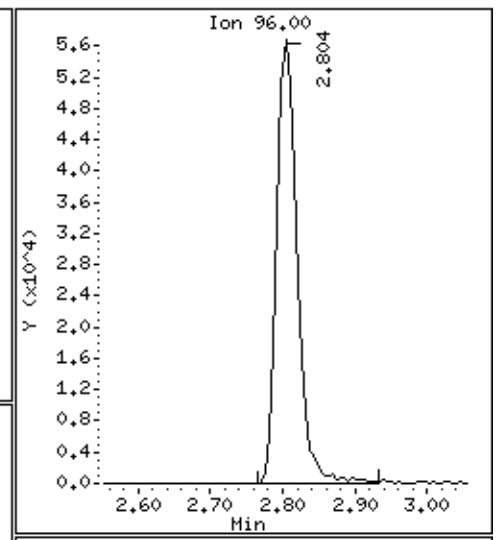
Review Code:

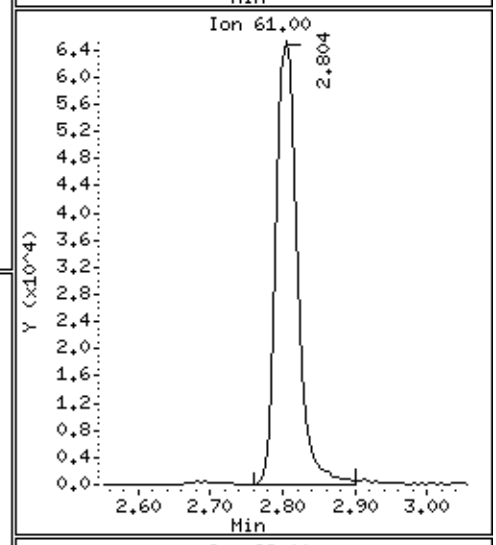


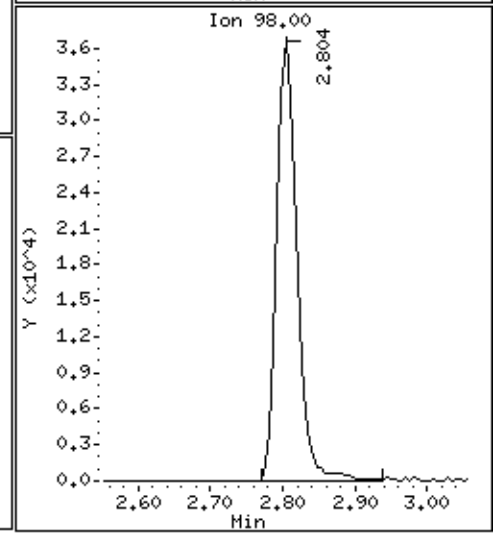












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d

Date : 10-OCT-2017 07:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014x10

Purge Volume: 5.0

Operator: jlz

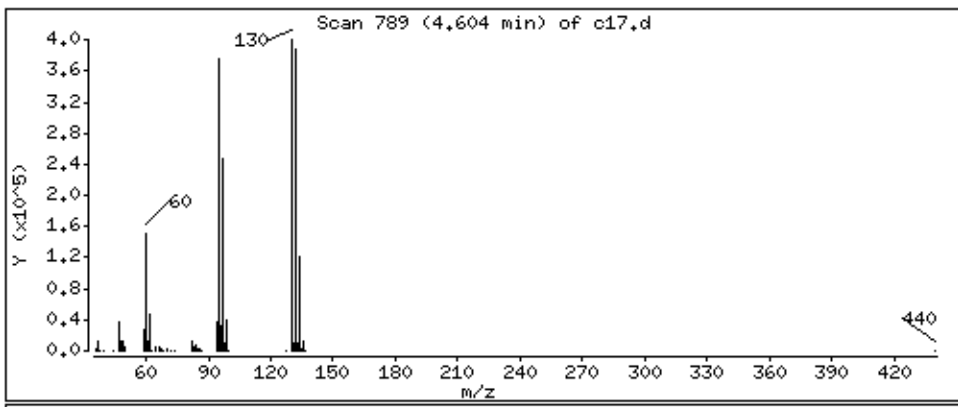
Column phase: DB-624

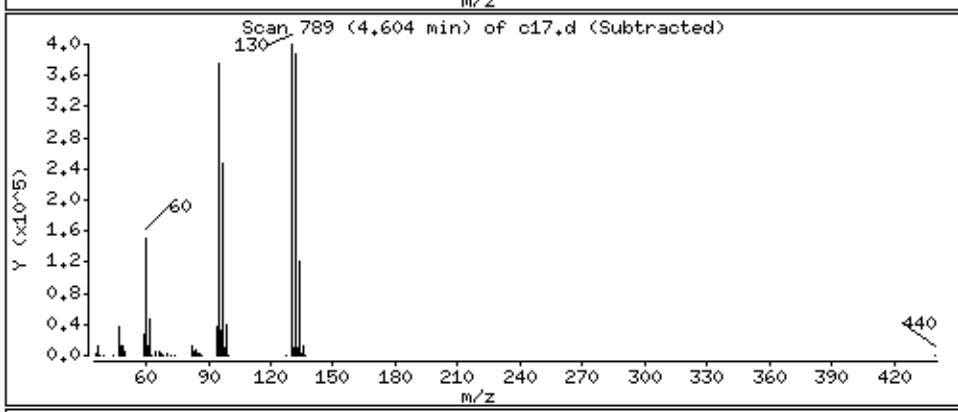
Column diameter: 0.18

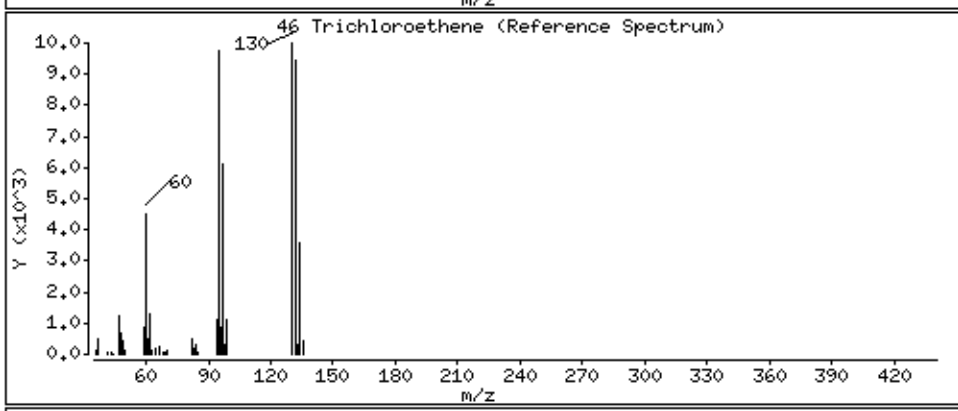
46 Trichloroethene

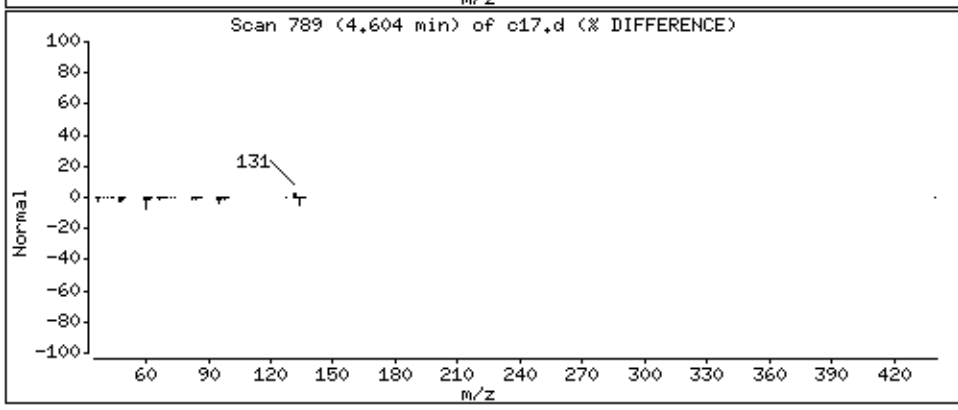
Concentration: 2000 ppb

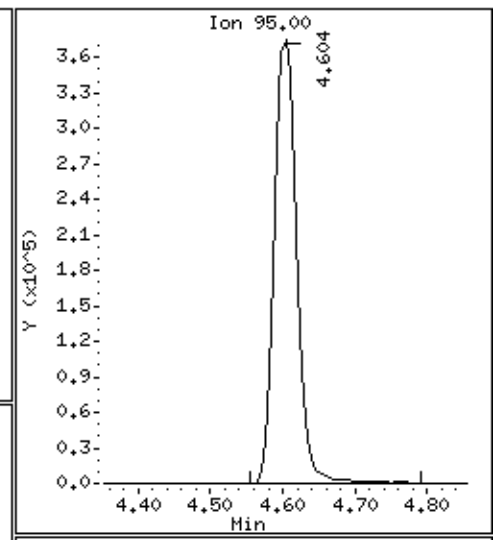
Review Code:

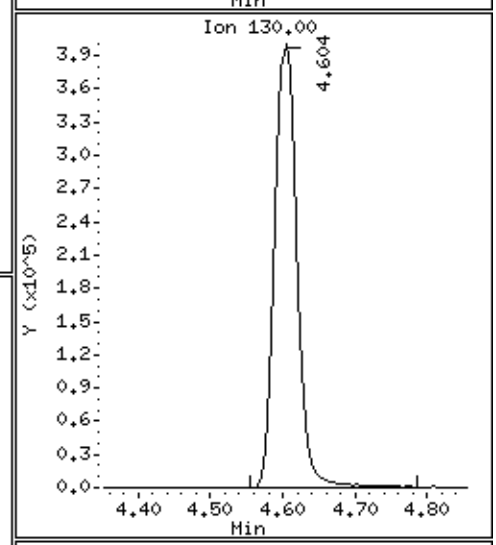


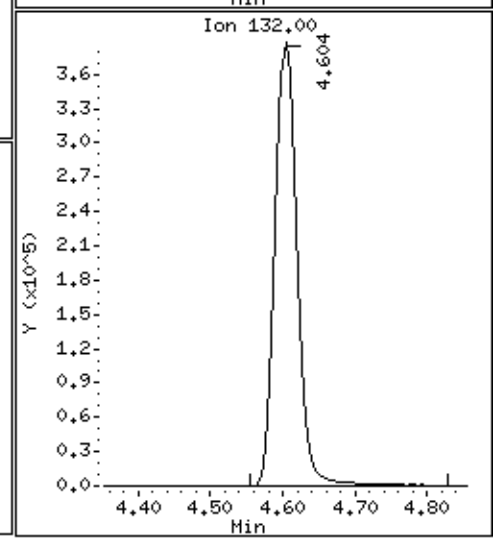












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c17.d

Date : 10-OCT-2017 07:32

Client ID: MW-0621-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760014x10

Purge Volume: 5.0

Operator: jlz

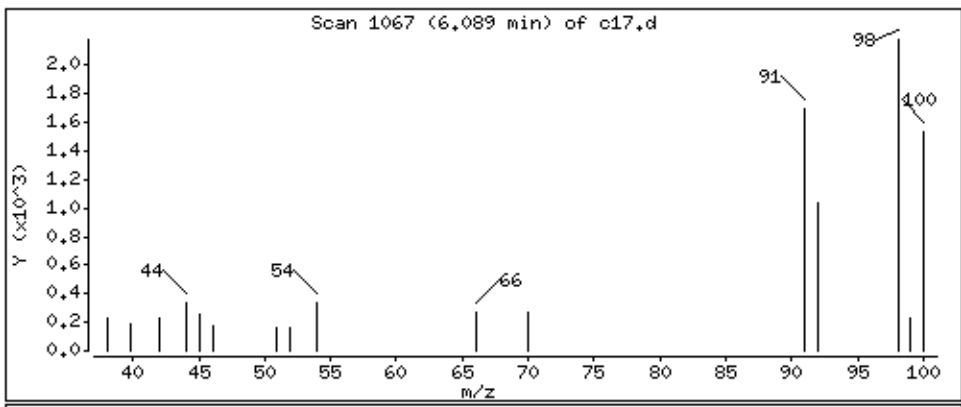
Column phase: DB-624

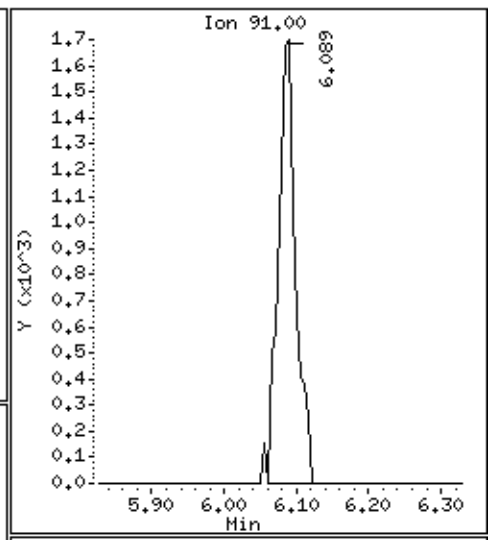
Column diameter: 0.18

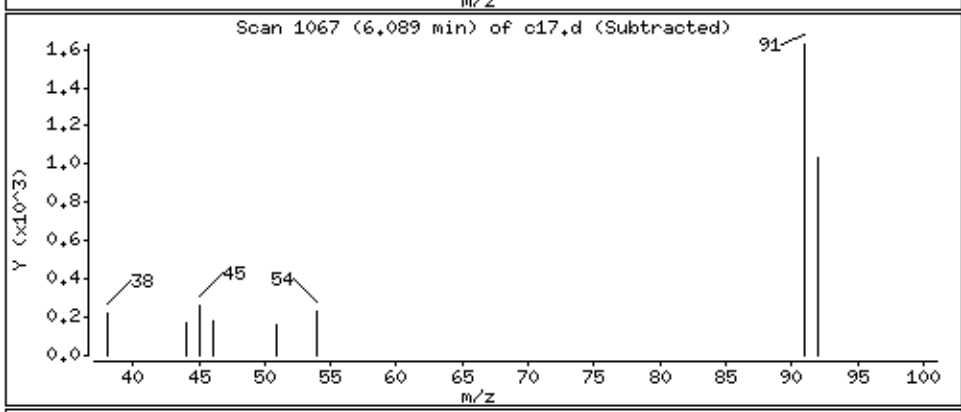
57 Toluene

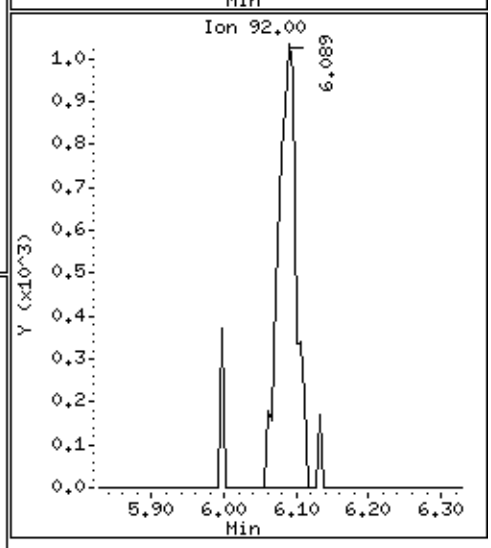
Concentration: 1.68 ppb

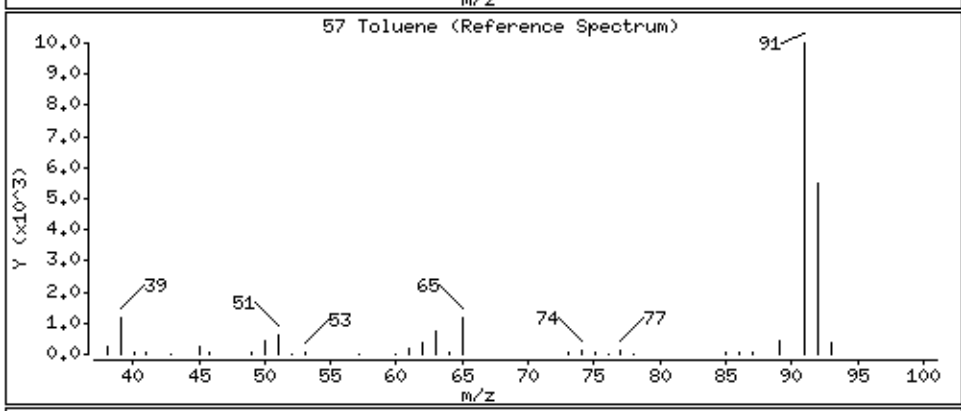
Review Code:

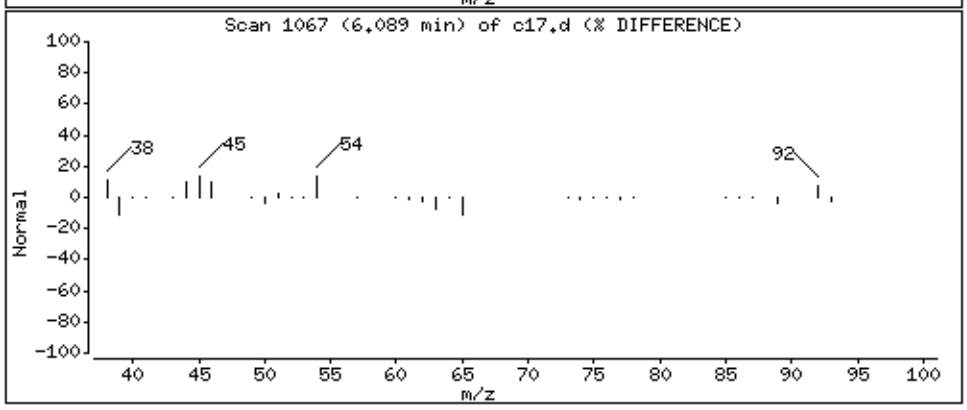












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/c17.d
Injection Date: 10-OCT-2017 07:32
Instrument: 50mv3a.i
Lab Sample ID: 50180760014
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0605-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 08:04 Lab Sample ID: 50180760015

Date Analyzed: 10/10/2017 08:04 Lab File ID: A100917.B\C18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 25 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	992	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d
Lab Smp Id: 50180760015
Inj Date : 10-OCT-2017 08:04
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760015x25
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 83
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	25.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	7 Diethyl ether	74	1.455	1.462	(0.351)	3158	1.46895	36.7	
	15 Methyl Acetate	43	1.765	1.767	(0.426)	24667	16.9023	422	
	28 1,2-Dichloroethene (cis)	96	2.806	2.803	(0.677)	2183	0.49470	12.4(Q)	
$	35 Dibromofluoromethane (S)	113	3.314	3.316	(0.799)	175320	49.9375	49.9	
*	45 Fluorobenzene (IS)	96	4.147	4.149	(1.000)	711040	50.0000		
	46 Trichloroethene	95	4.601	4.603	(1.109)	163857	39.6897	992	
$	56 Toluene-d8 (S)	98	6.006	6.008	(0.819)	676065	47.7800	47.8	
	57 Toluene	91	6.080	6.077	(0.829)	3196	0.17952	4.49	
*	66 Chlorobenzene-D5 (IS)	117	7.335	7.332	(1.000)	471621	50.0000		
	69 Ethylbenzene	106	7.442	7.439	(1.015)	1790	0.29260	7.31	
	70 m&p-Xylene	106	7.533	7.540	(1.027)	3644	0.51841	13.0	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.155	(1.111)	184332	47.5099	47.5	
	85 1,2,4-Trimethylbenzene	105	8.628	8.630	(0.977)	2206	0.19593	4.90	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.833	(1.000)	161309	50.0000		
	96 Naphthalene	128	9.995	9.992	(1.132)	5818	0.94104	23.5	
	98 2,methyl-naphthalene	142	10.626	10.622	(1.203)	5419	1.39345	34.8	
	99 1-Methylnaphthalene	142	10.738	10.740	(1.216)	2718	0.85811	21.4	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

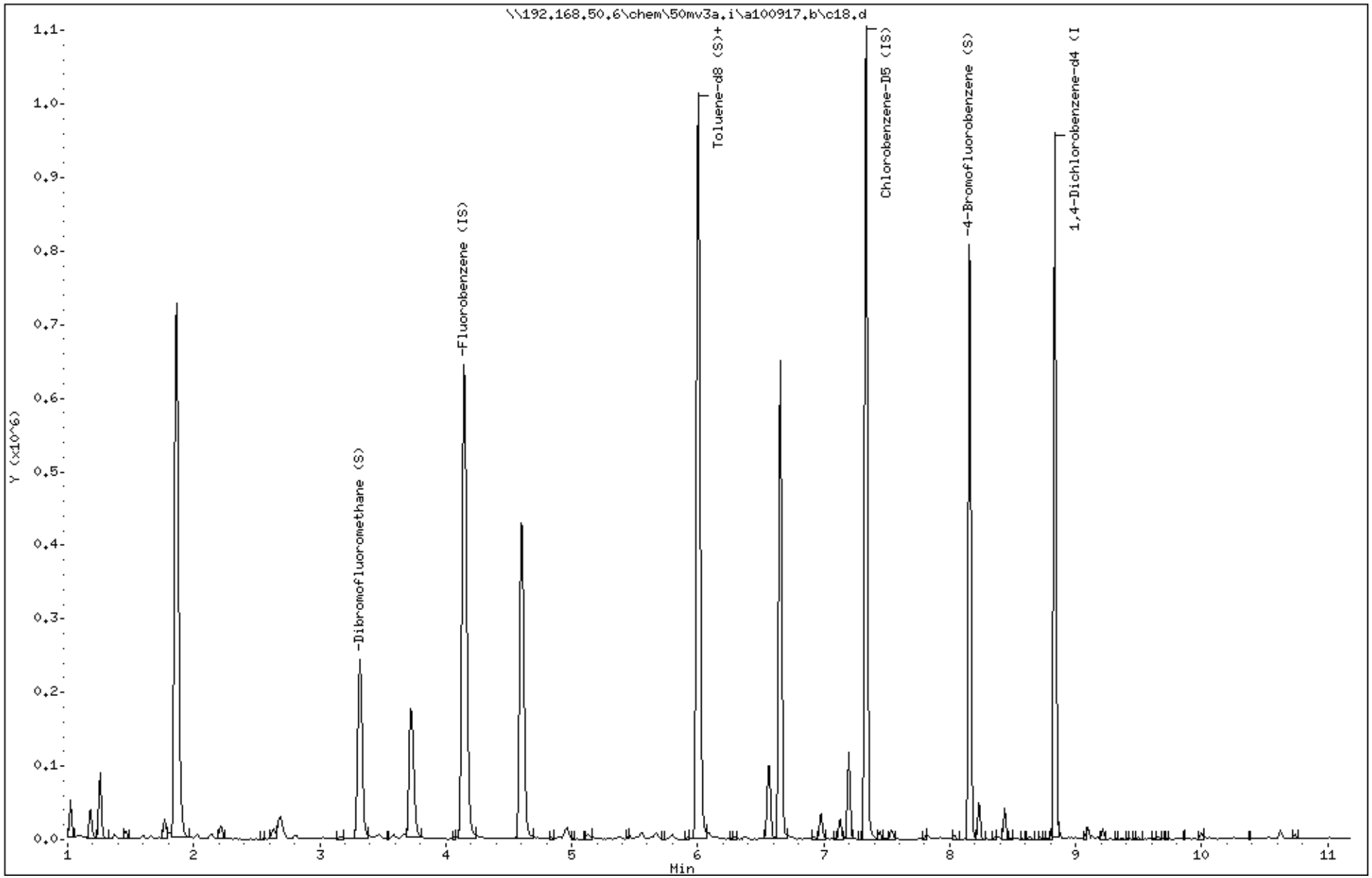
QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d
Date : 10-OCT-2017 08:04
Client ID:
Sample Info: 50180760015x25
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

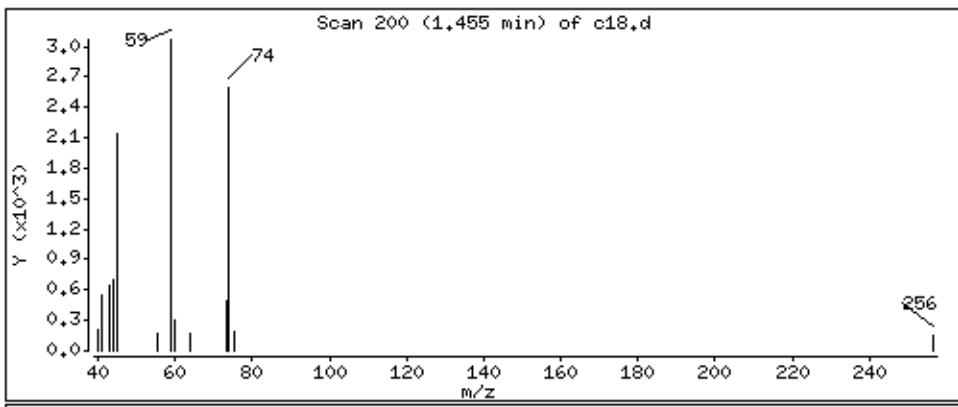
Column phase: DB-624

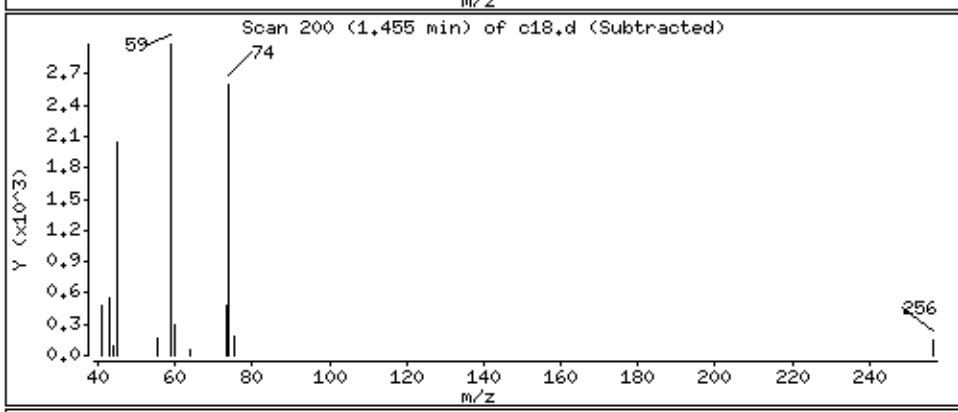
Column diameter: 0.18

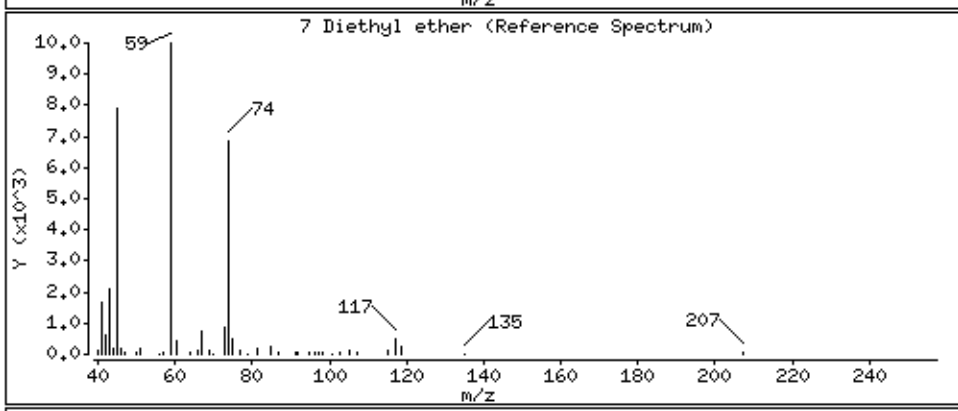
7 Diethyl ether

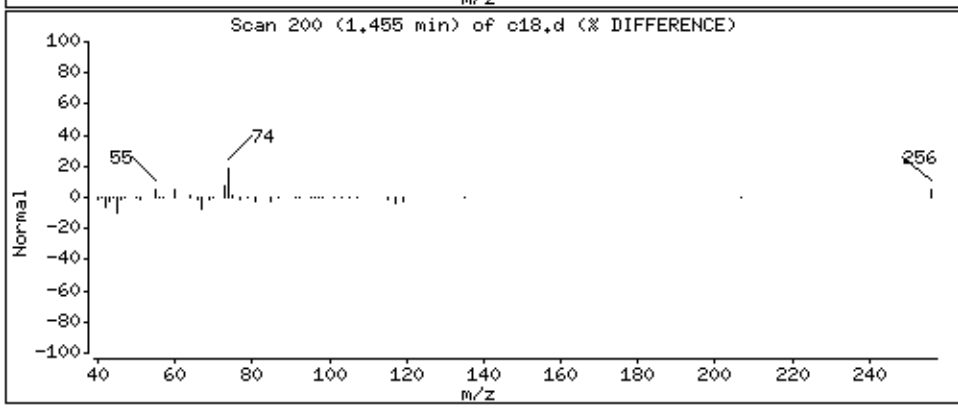
Concentration: 36.7 ppb

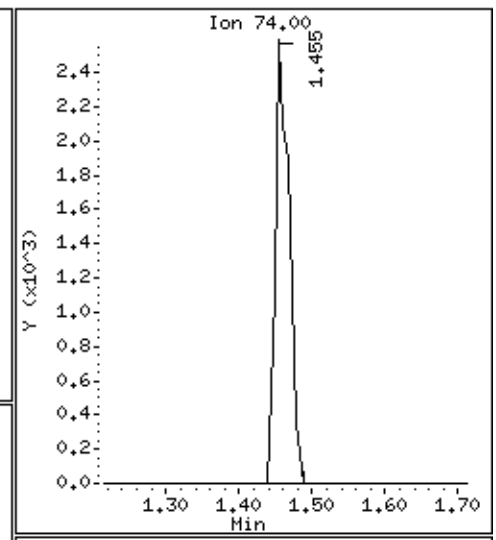
Review Code:

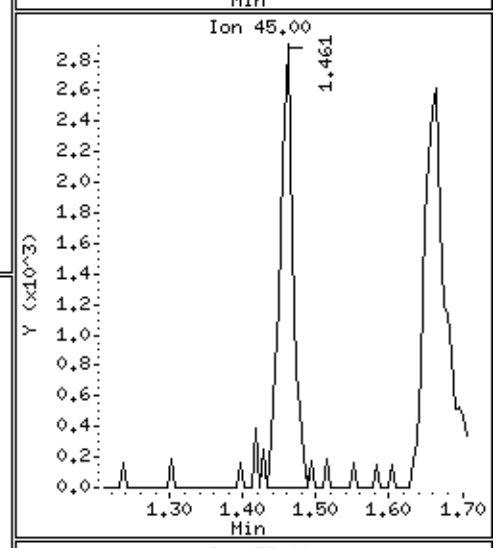


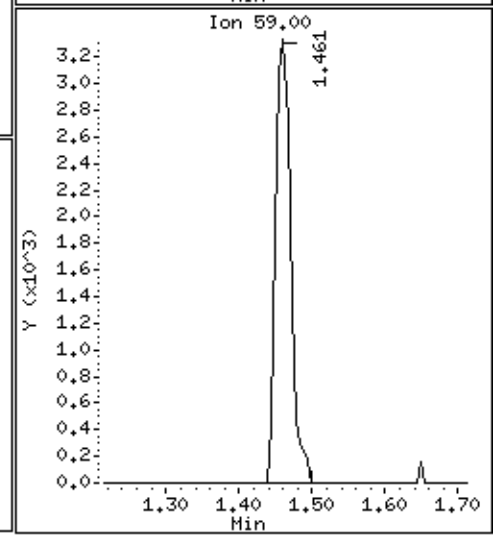












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

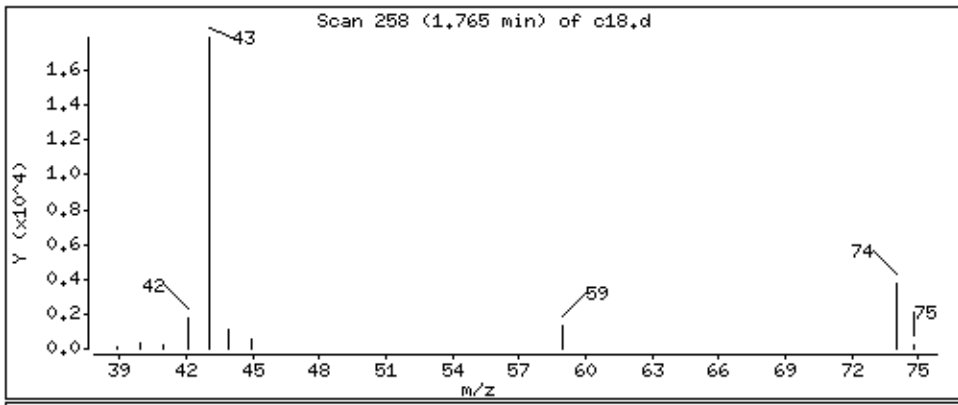
Column phase: DB-624

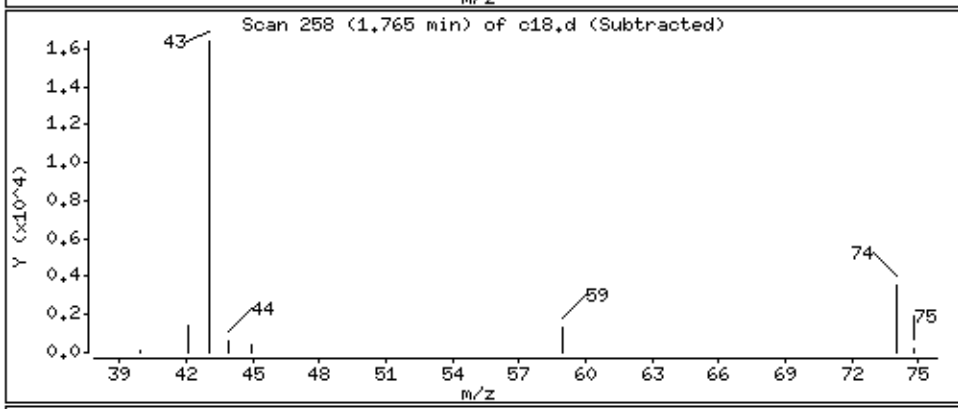
Column diameter: 0.18

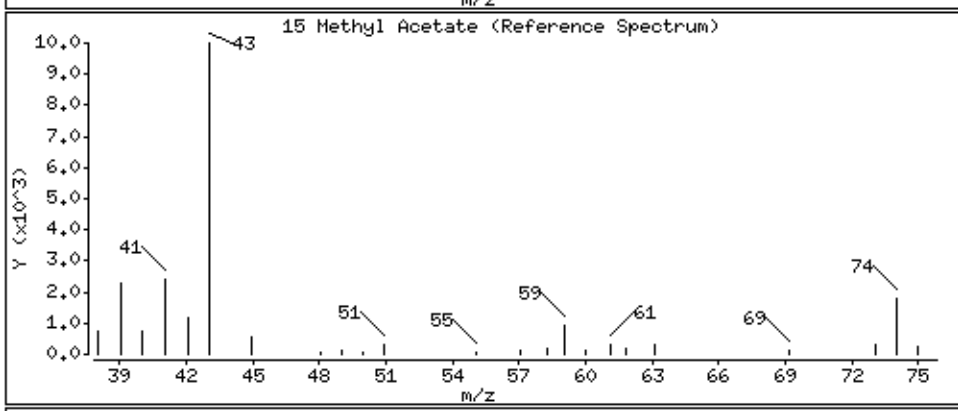
15 Methyl Acetate

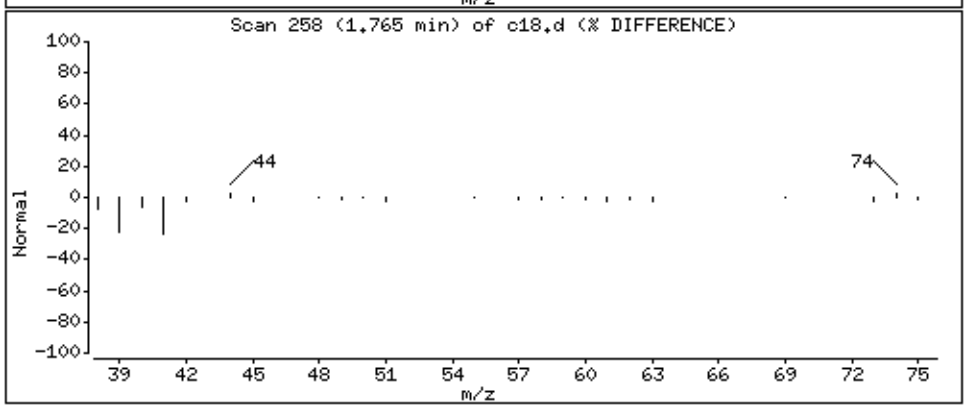
Concentration: 422 ppb

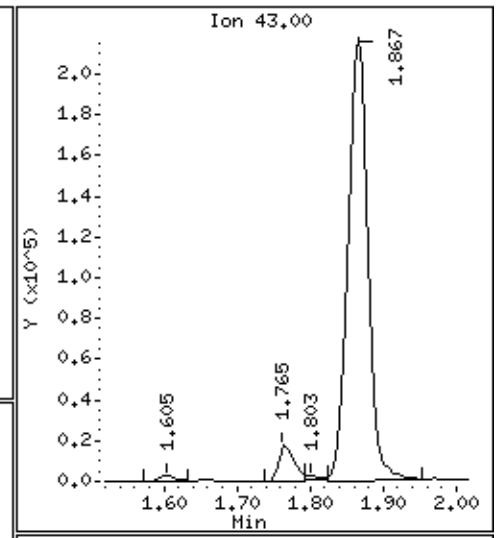
Review Code:

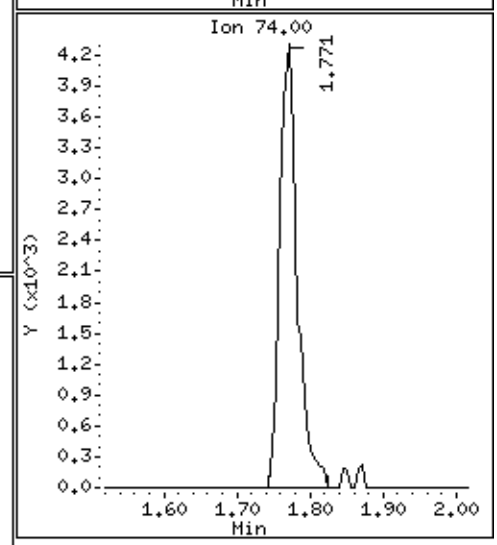












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

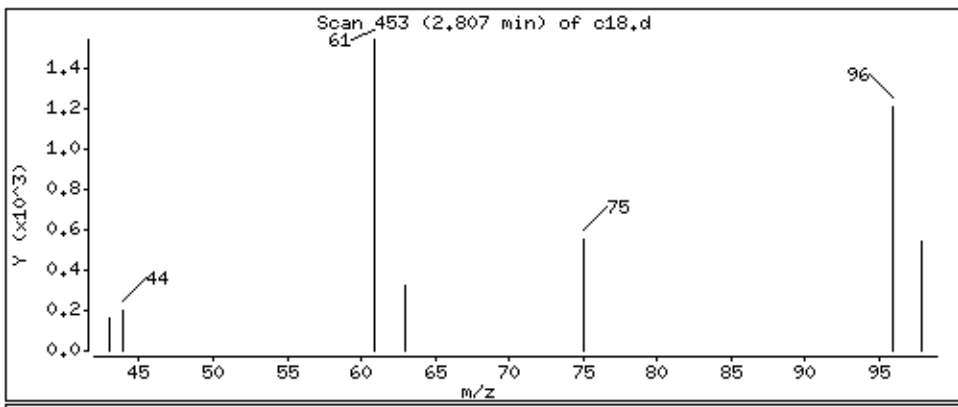
Column phase: DB-624

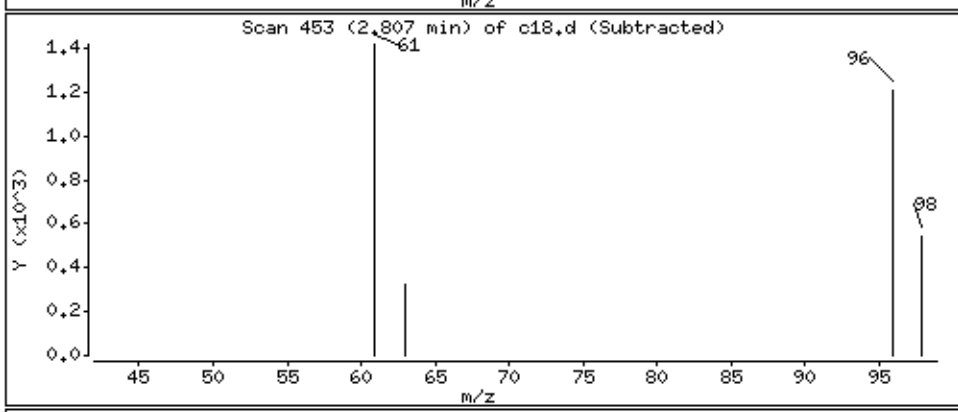
Column diameter: 0.18

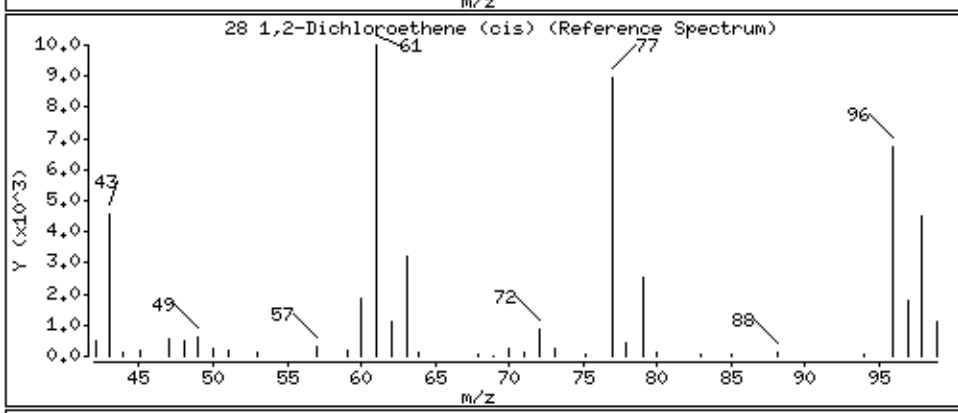
28 1,2-Dichloroethene (cis)

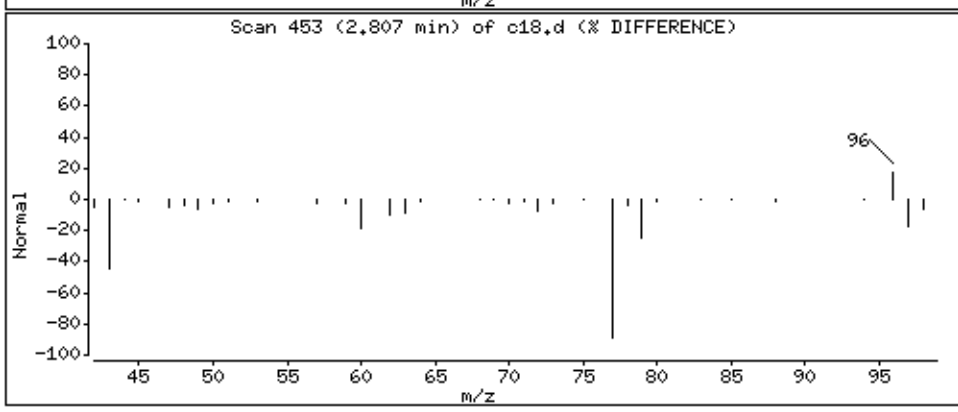
Concentration: 12.4 ppb

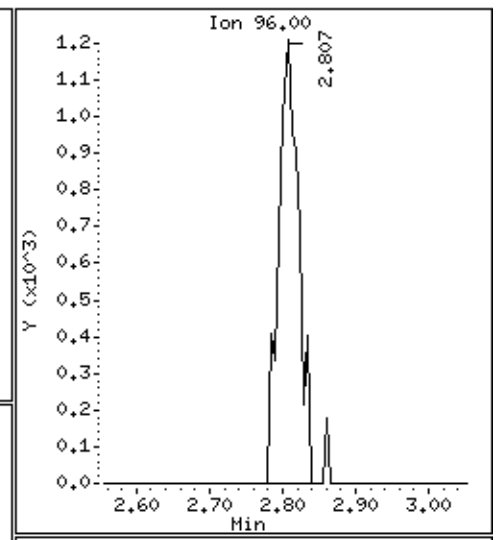
Review Code:

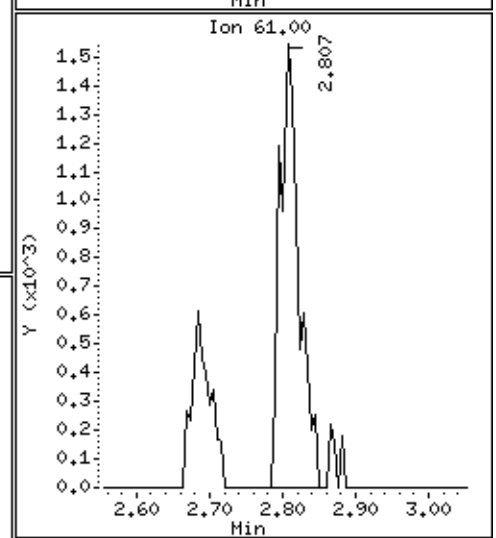


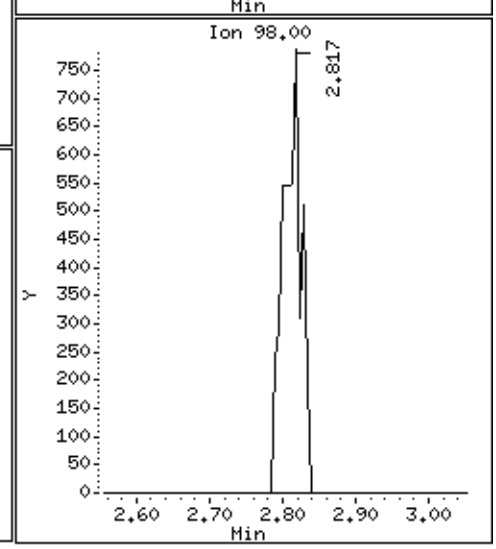












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

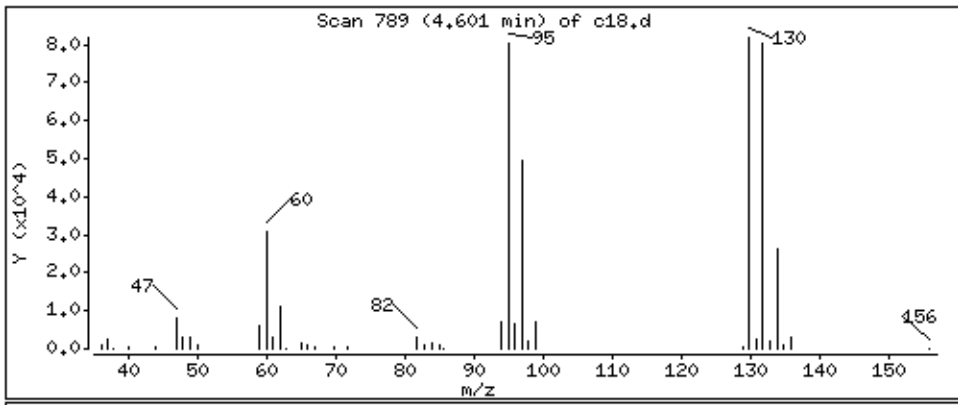
Column phase: DB-624

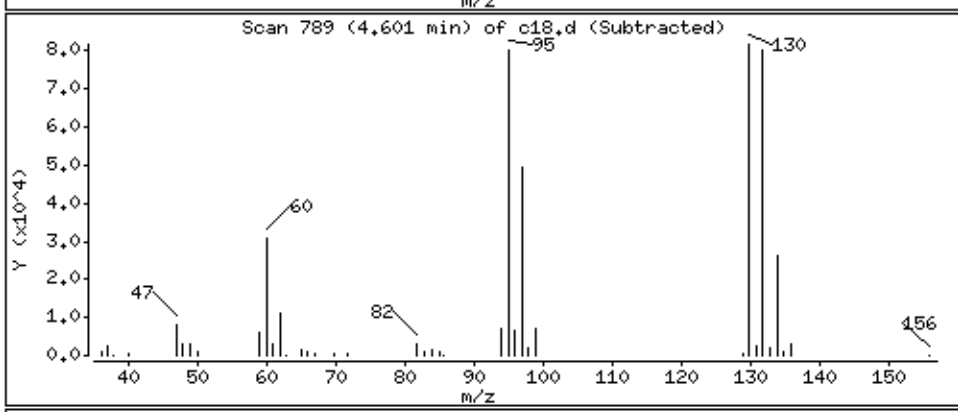
Column diameter: 0.18

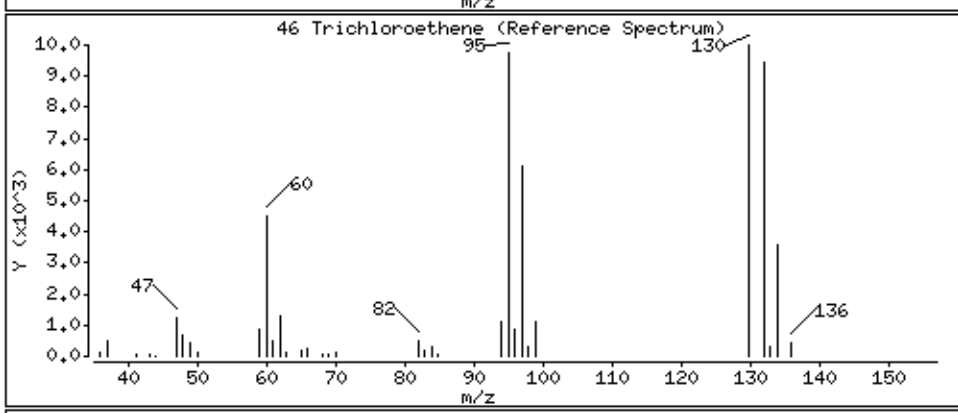
46 Trichloroethene

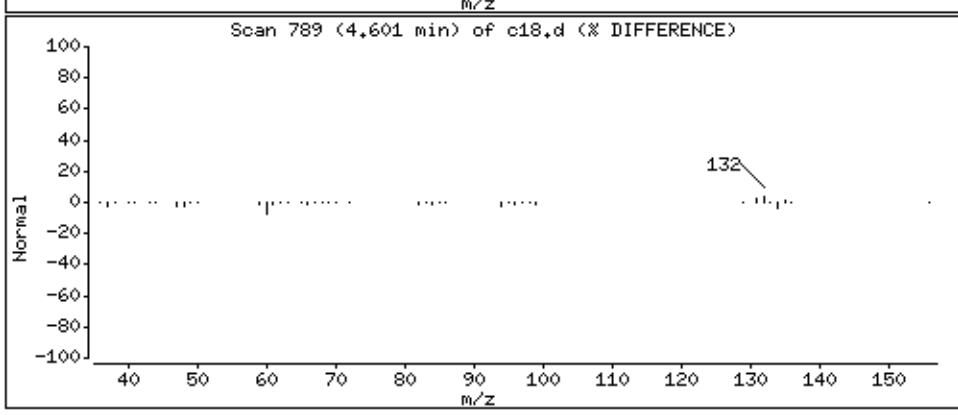
Concentration: 992 ppb

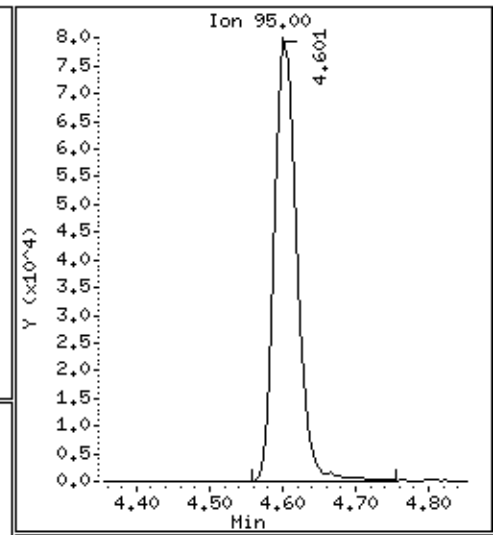
Review Code:

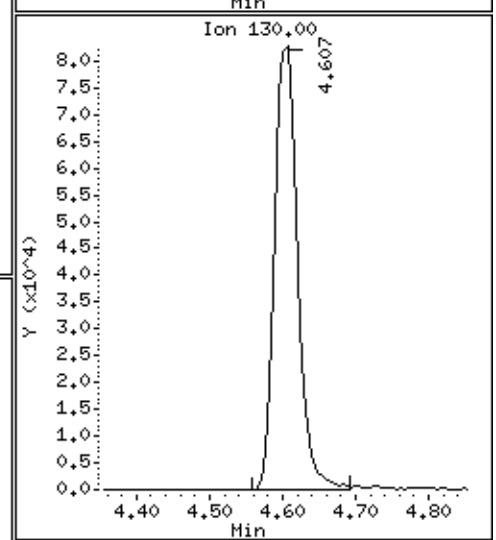


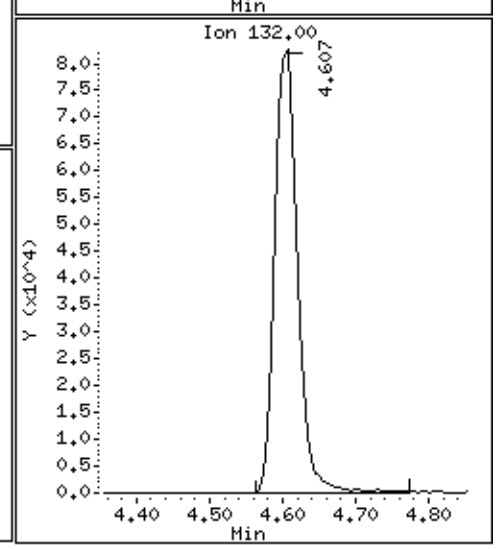












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

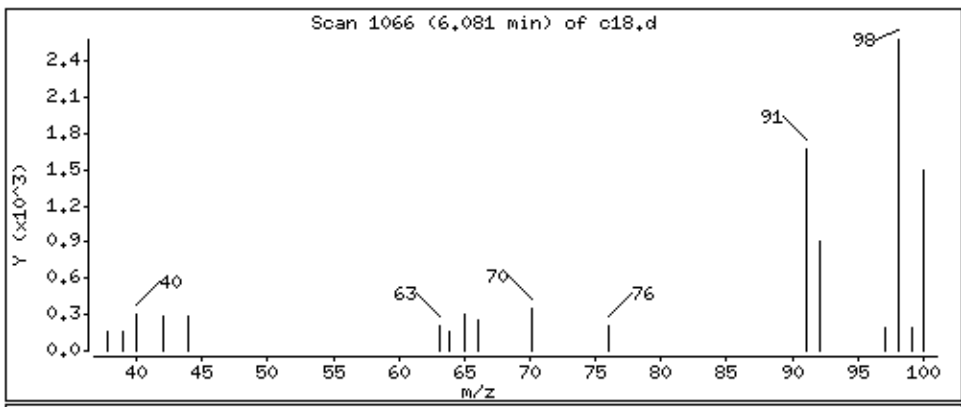
Column phase: DB-624

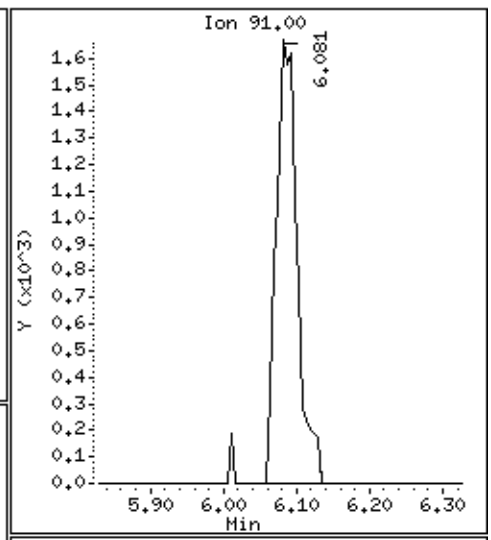
Column diameter: 0.18

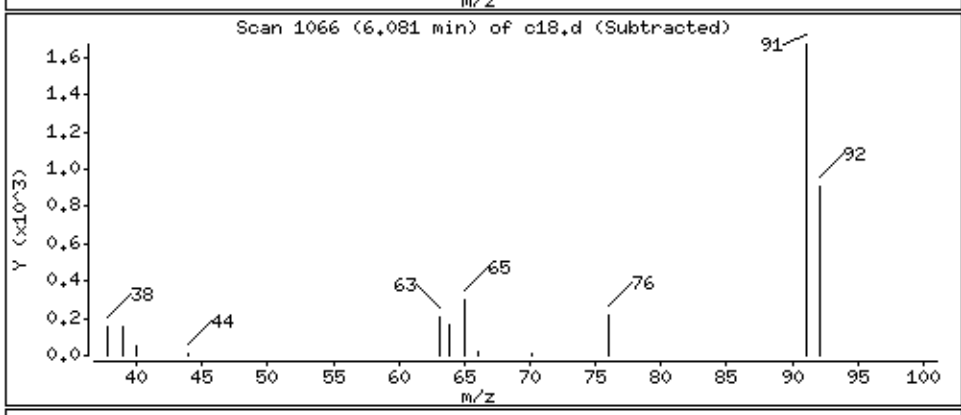
57 Toluene

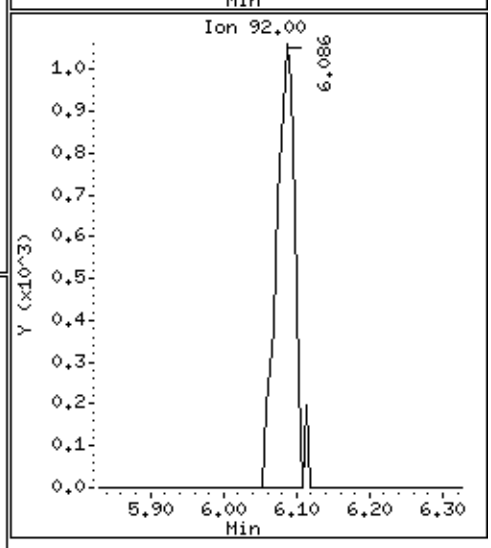
Concentration: 4.49 ppb

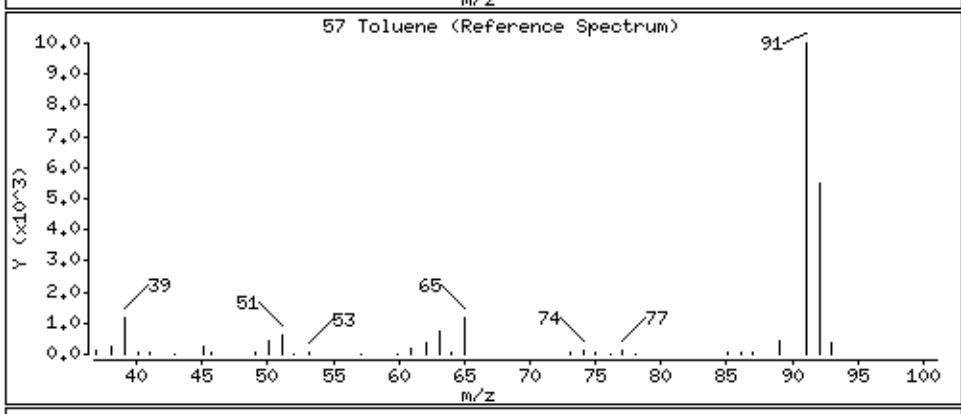
Review Code:

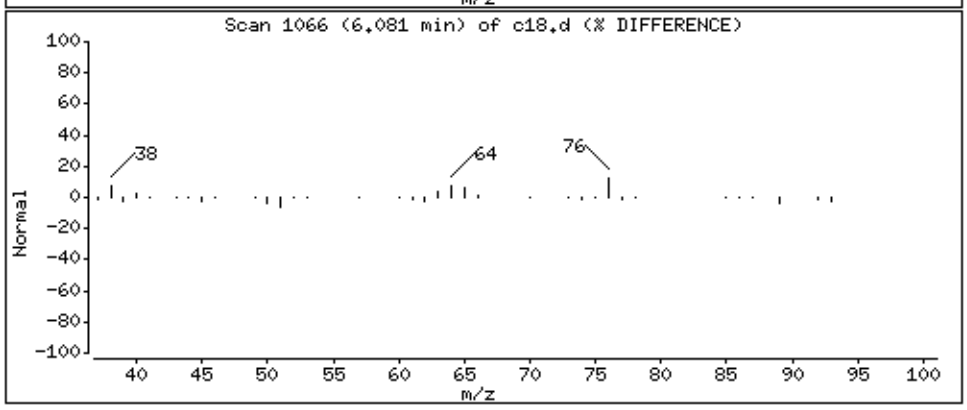












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

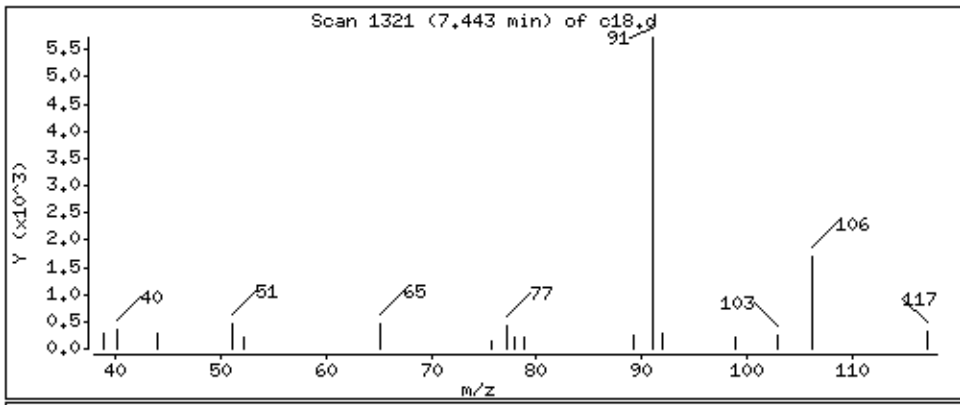
Column phase: DB-624

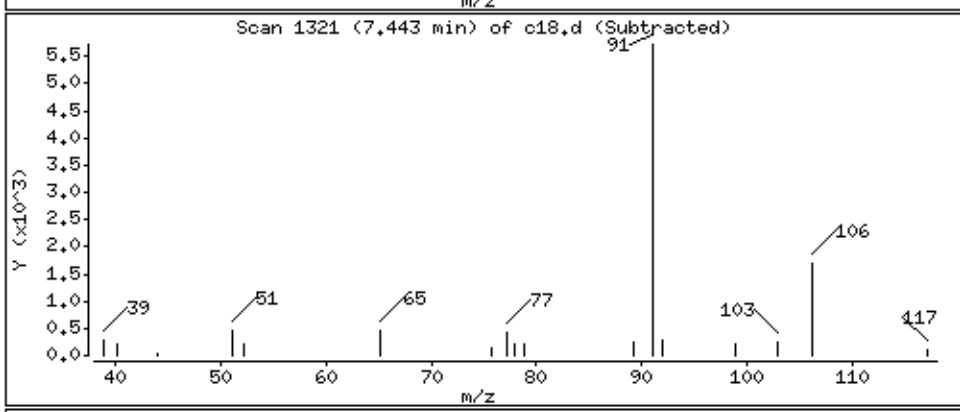
Column diameter: 0.18

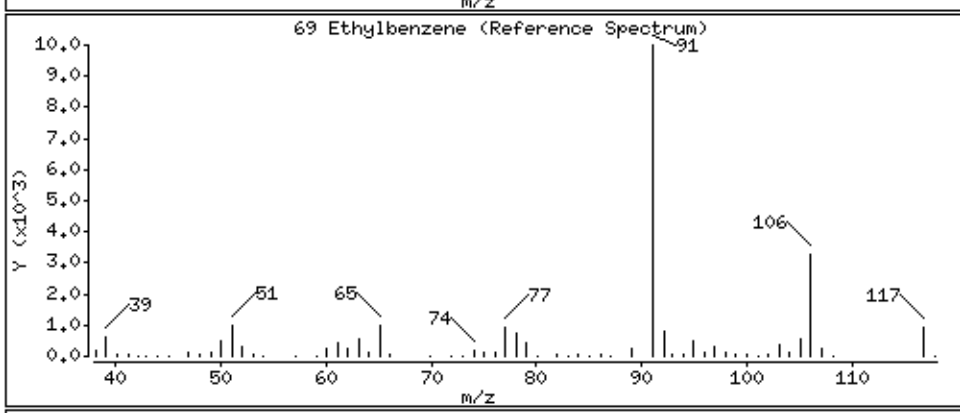
69 Ethylbenzene

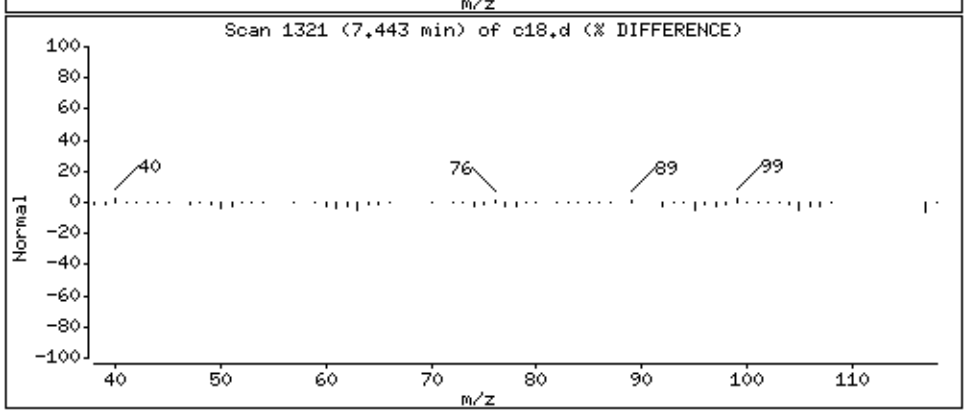
Concentration: 7.31 ppb

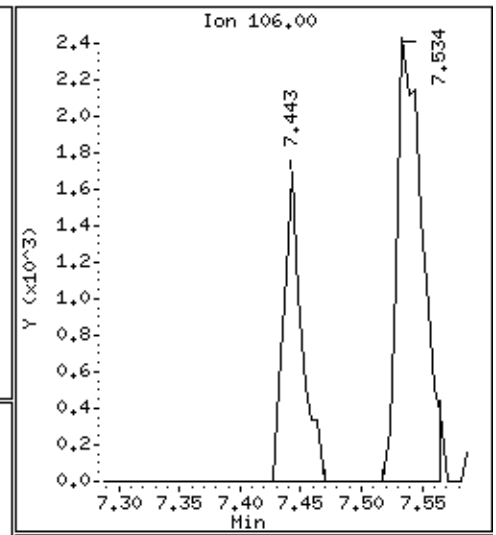
Review Code:

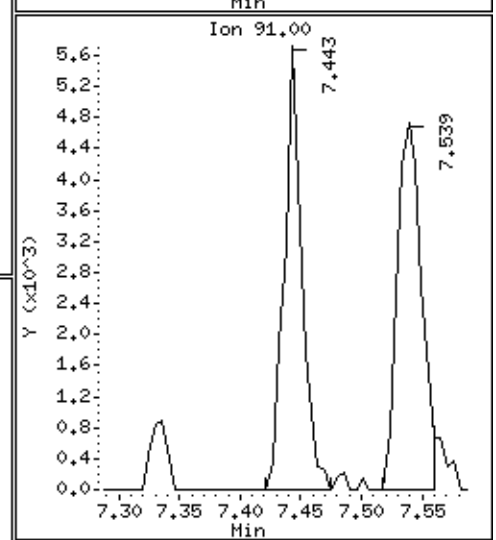












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

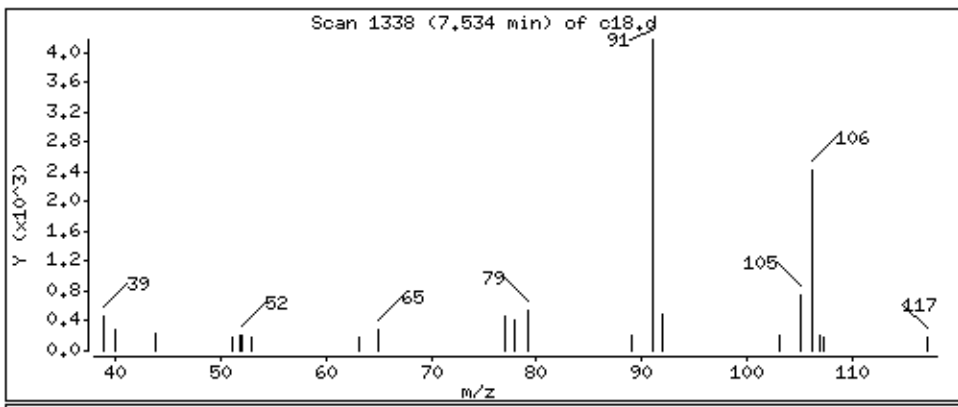
Column phase: DB-624

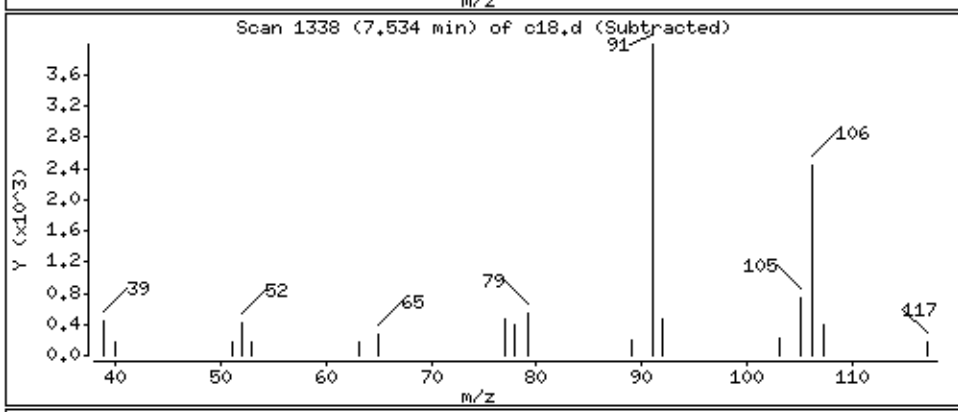
Column diameter: 0.18

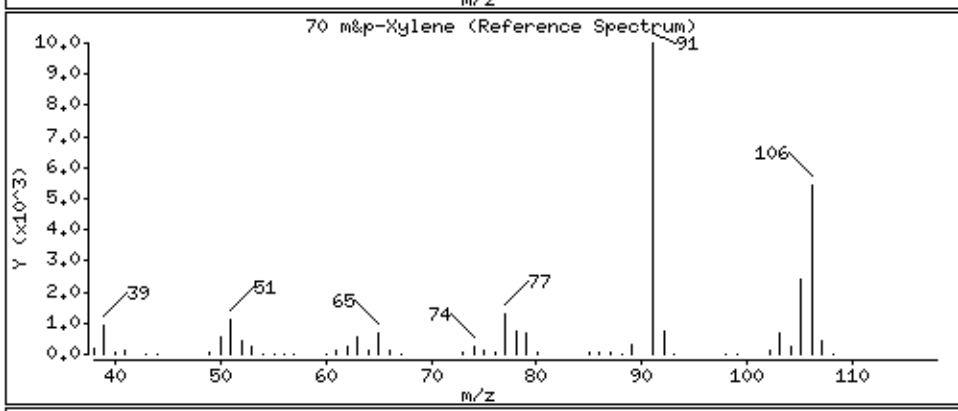
70 m&p-Xylene

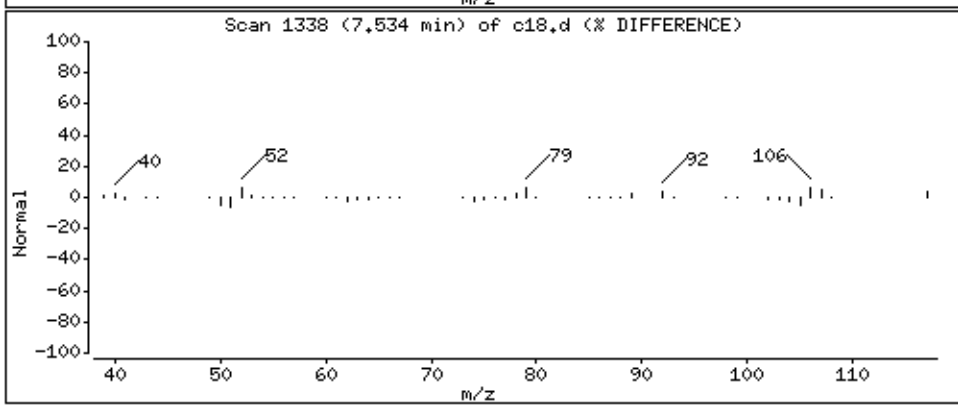
Concentration: 13.0 ppb

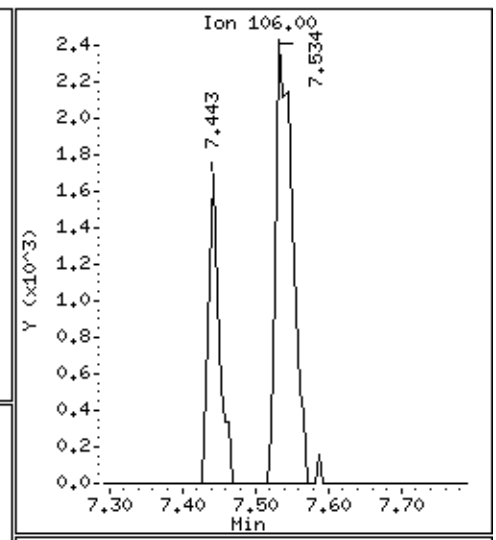
Review Code:

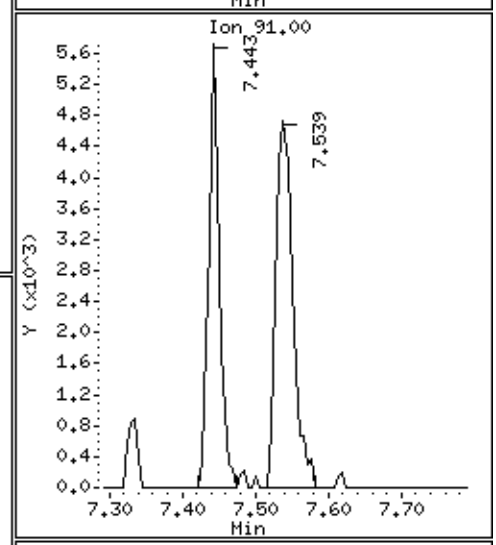


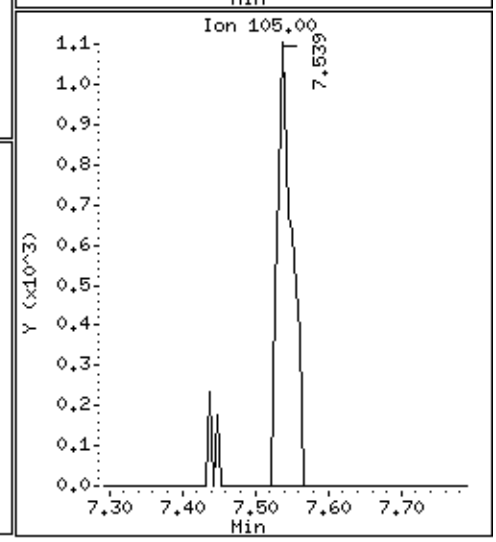












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

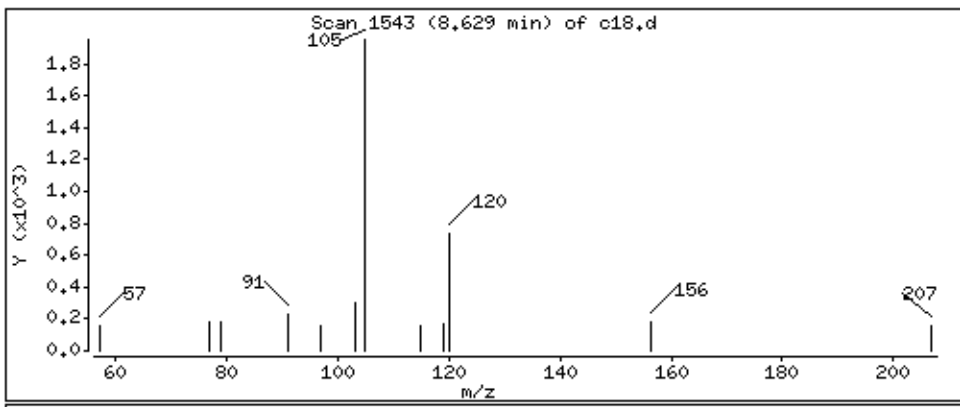
Column phase: DB-624

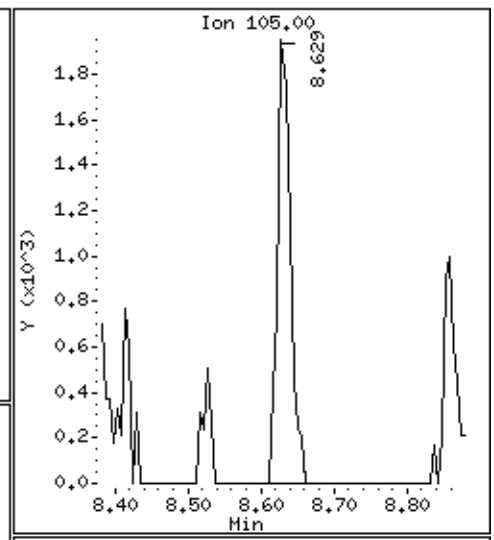
Column diameter: 0.18

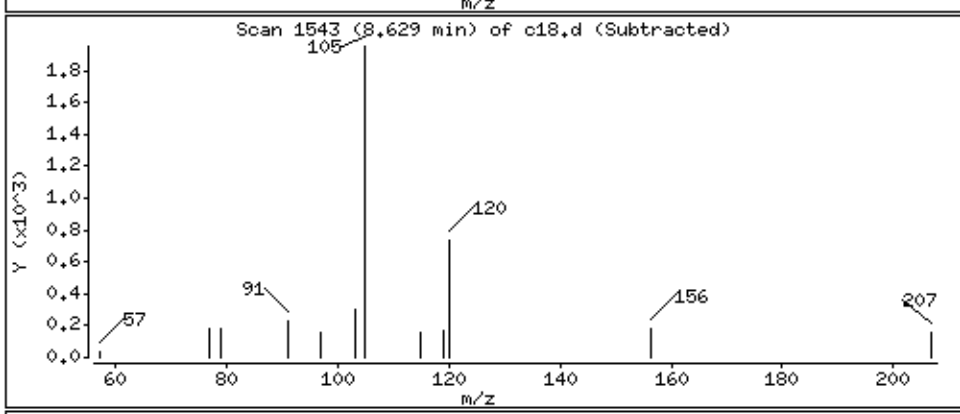
85 1,2,4-Trimethylbenzene

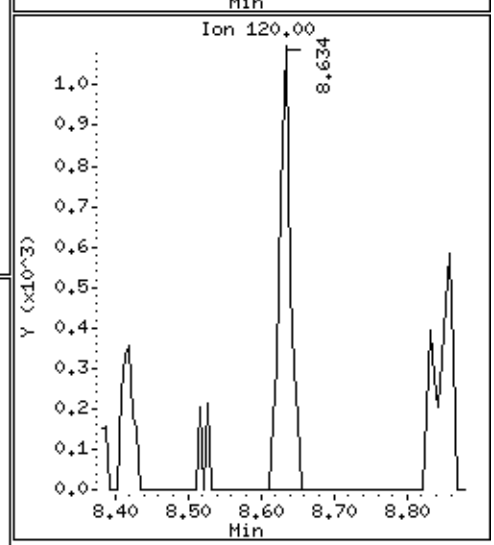
Concentration: 4.90 ppb

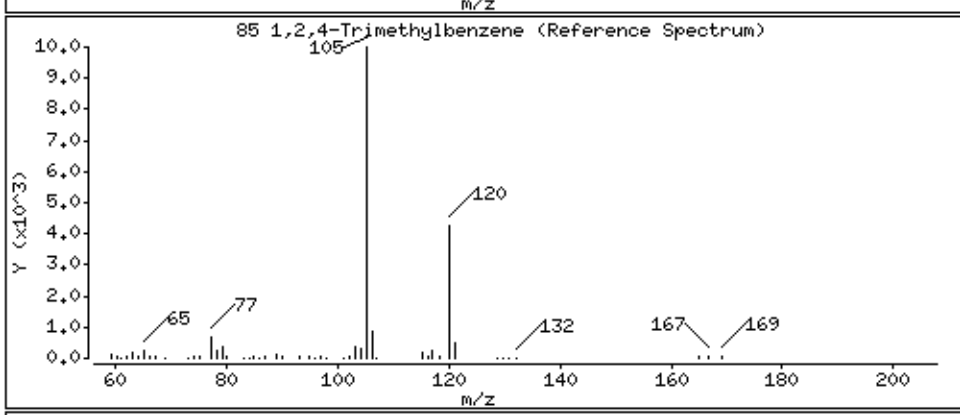
Review Code:

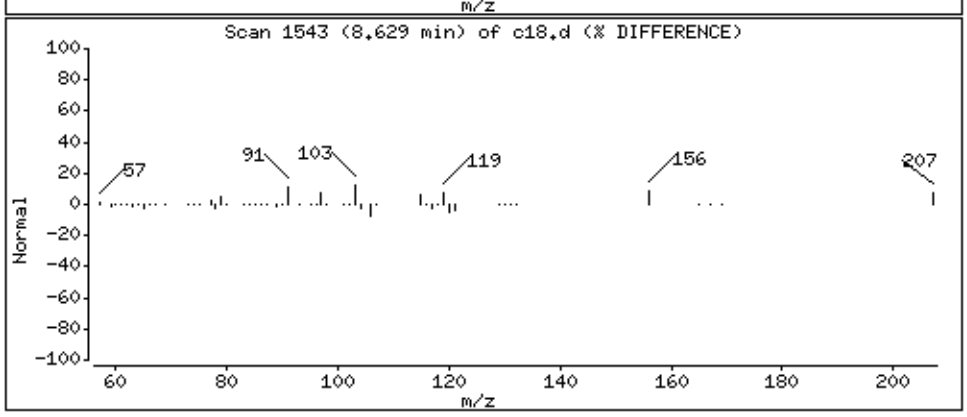












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

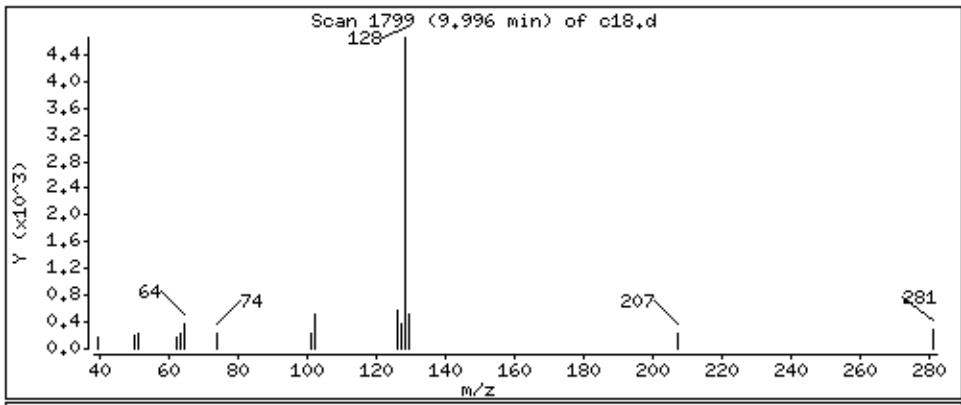
Column phase: DB-624

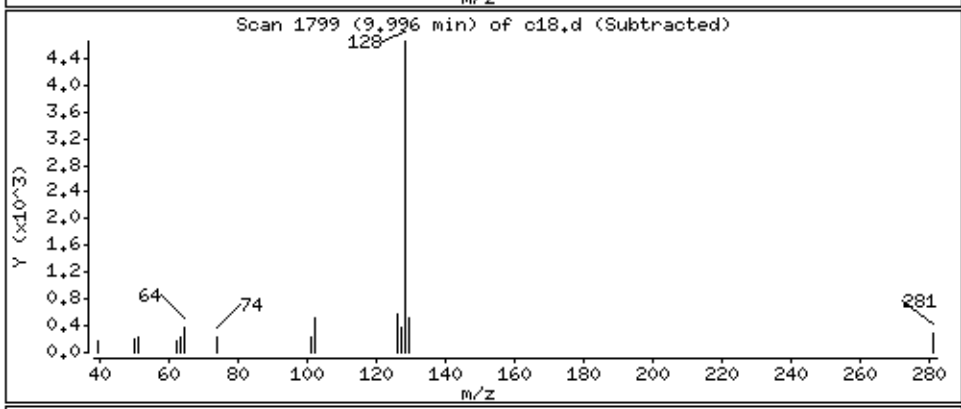
Column diameter: 0.18

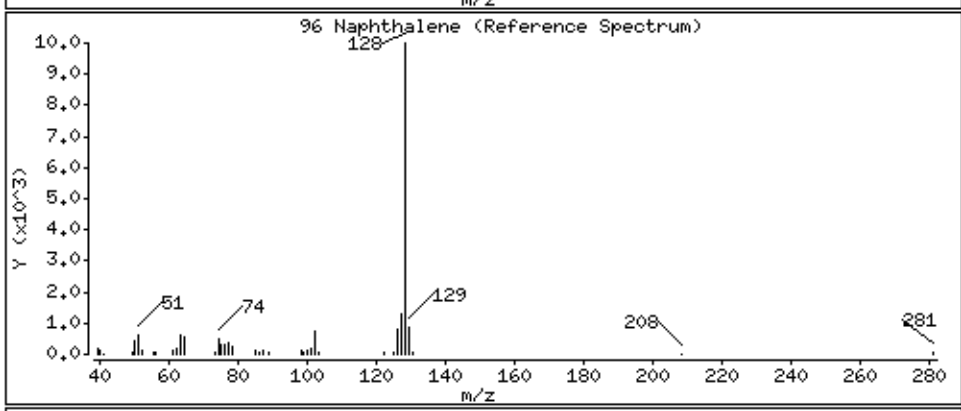
96 Naphthalene

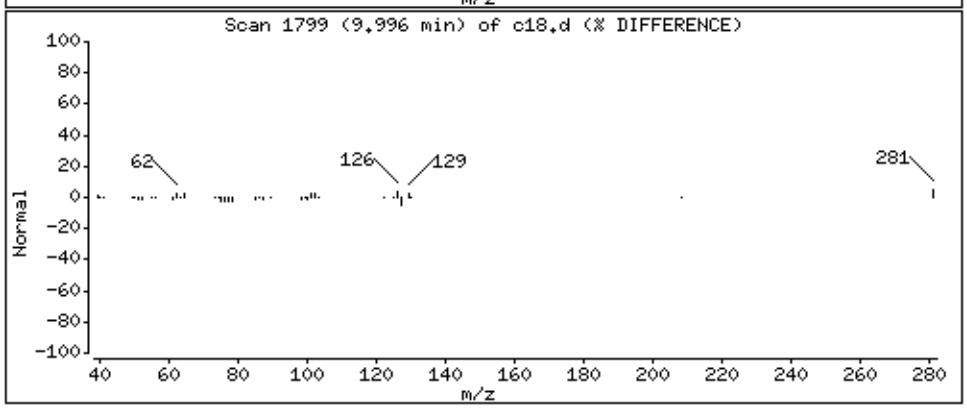
Concentration: 23.5 ppb

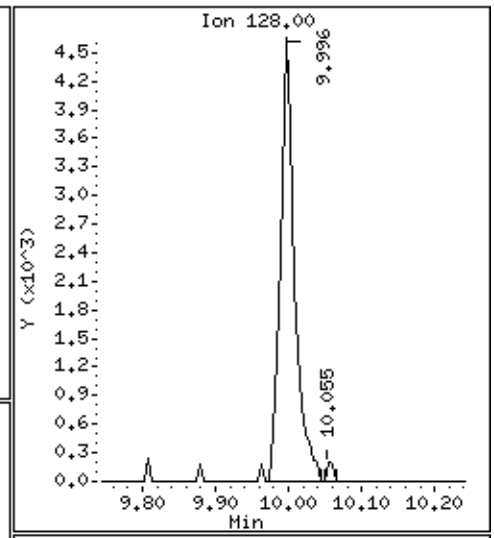
Review Code:

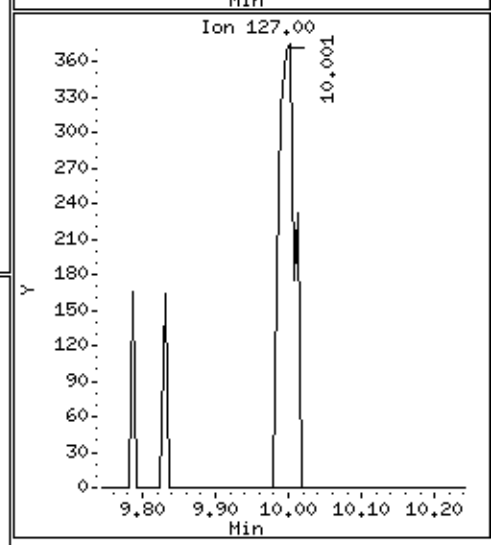












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

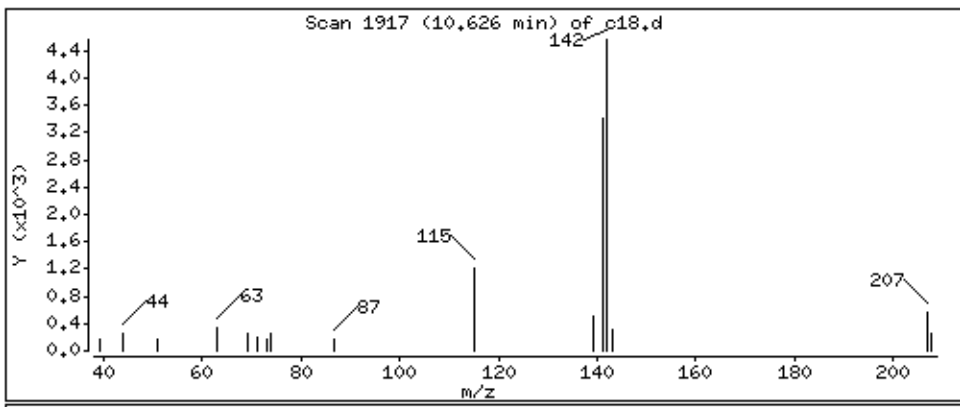
Column phase: DB-624

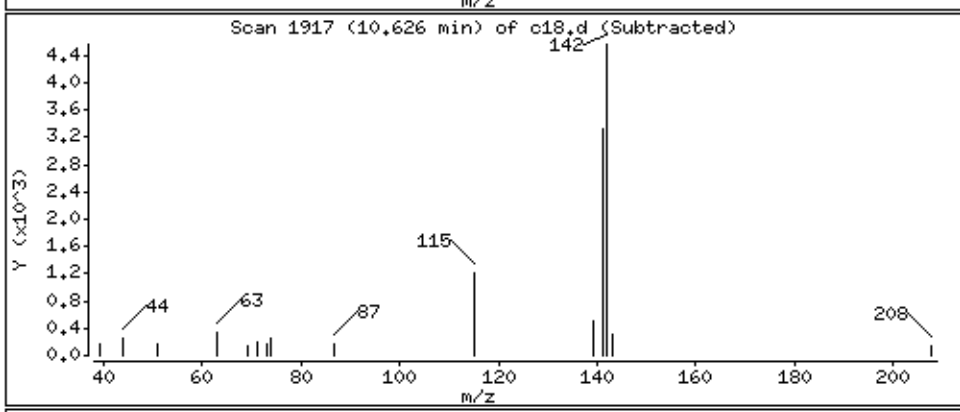
Column diameter: 0.18

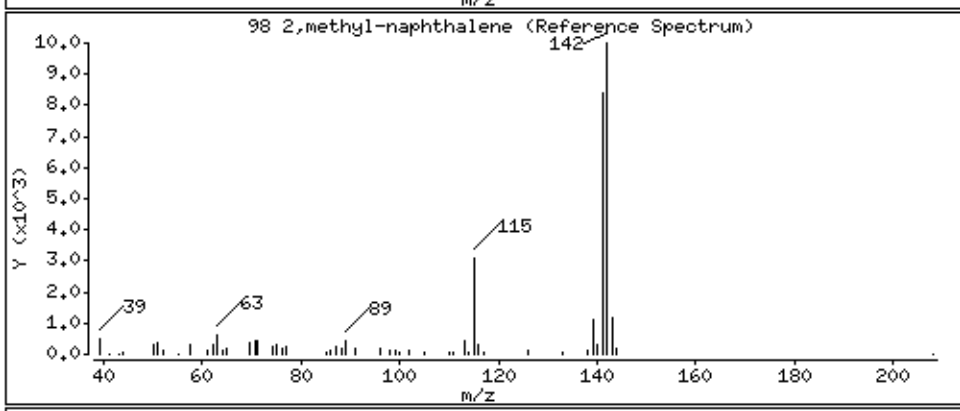
98 2,methyl-naphthalene

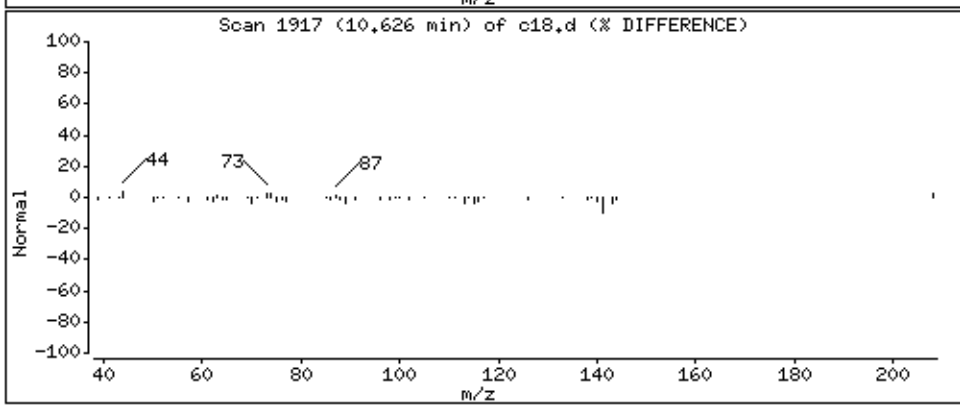
Concentration: 34.8 ppb

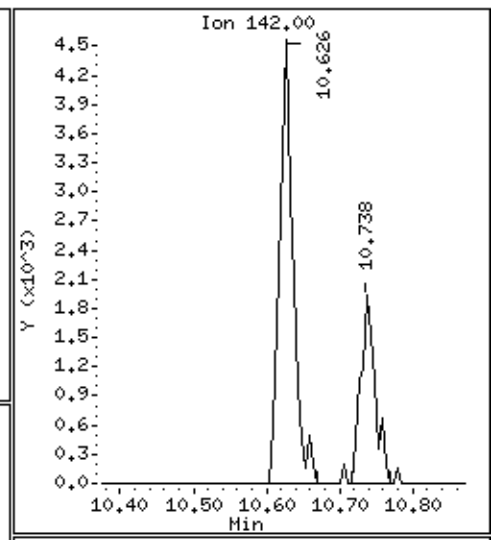
Review Code:

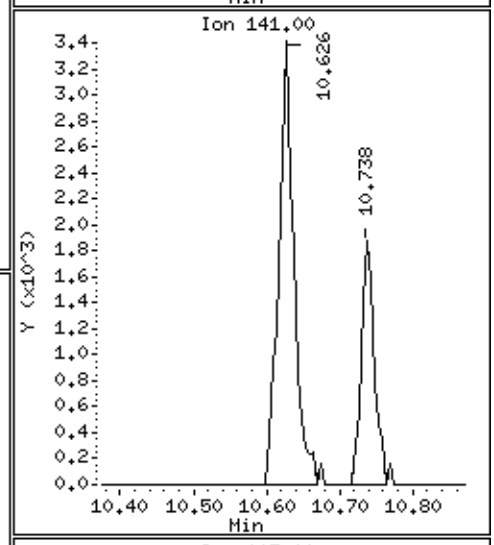


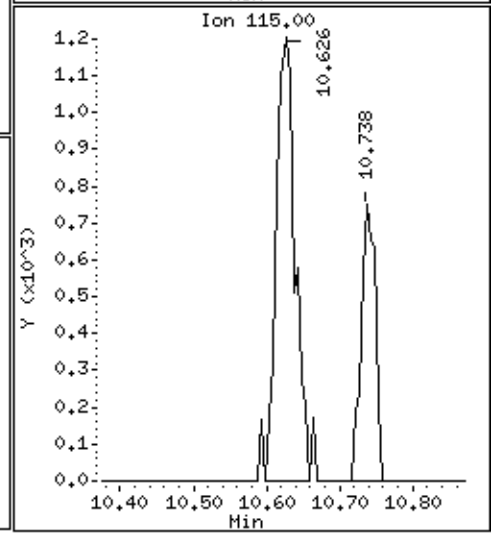












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c18.d

Date : 10-OCT-2017 08:04

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760015x25

Purge Volume: 5.0

Operator: jlz

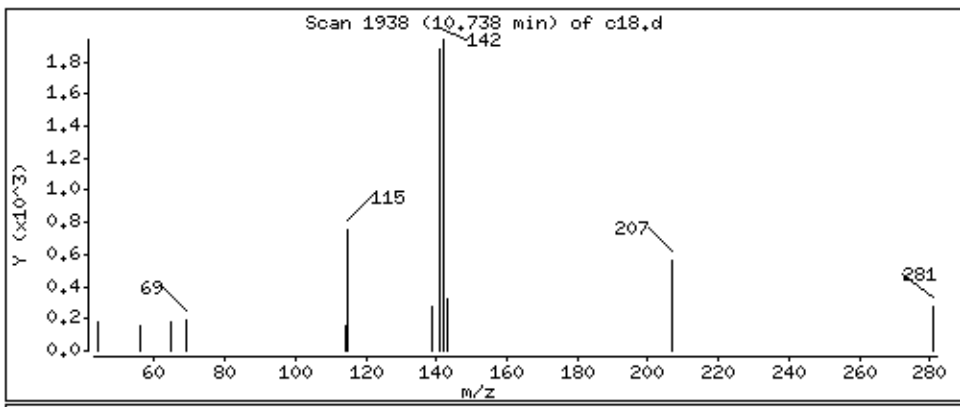
Column phase: DB-624

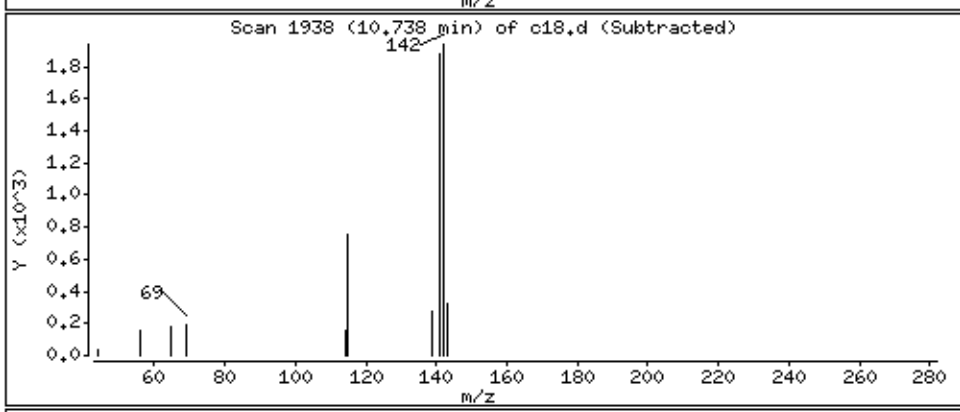
Column diameter: 0.18

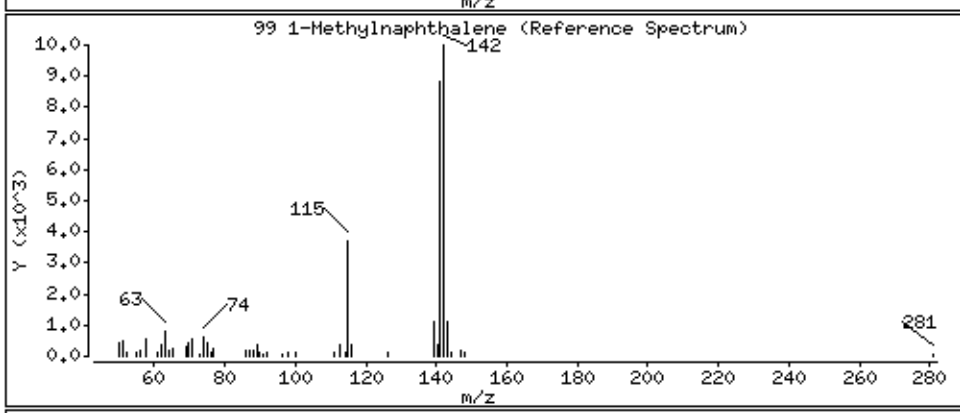
99 1-Methylnaphthalene

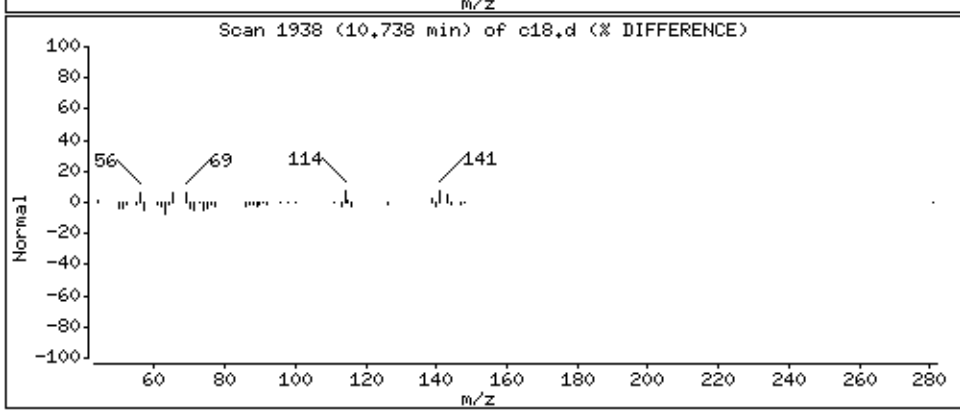
Concentration: 21.4 ppb

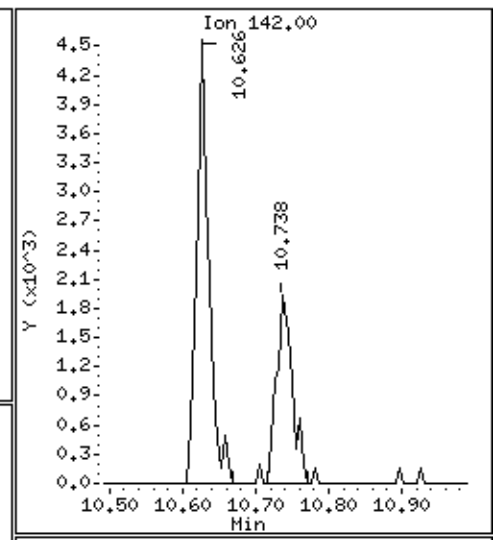
Review Code:

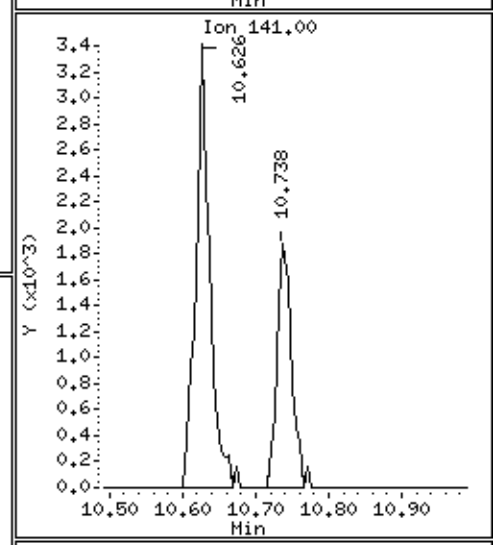


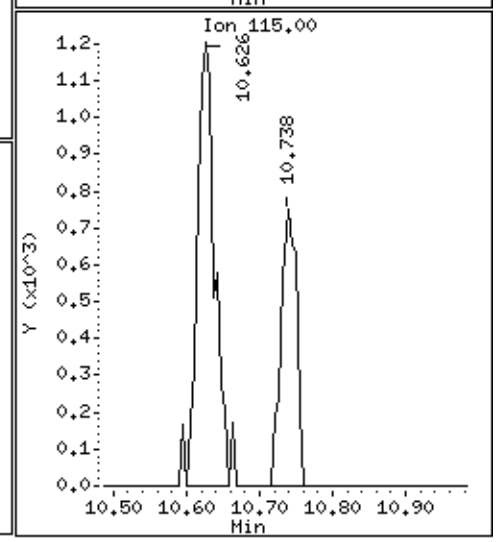












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/c18.d
Injection Date: 10-OCT-2017 08:04
Instrument: 50mv3a.i
Lab Sample ID: 50180760015
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0605-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 13:29 Lab Sample ID: 50180760015

Date Analyzed: 10/10/2017 13:29 Lab File ID: B101017.B\B04.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	14.3	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0605-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 13:29 Lab Sample ID: 50180760015

Date Analyzed: 10/10/2017 13:29 Lab File ID: B101017.B\B04.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d
Lab Smp Id: 50180760015
Inj Date : 10-OCT-2017 13:29
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760015
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.613	1.609	(0.388)	4432	17.6593	17.6	
22 1,2-Dichloroethene (trans)	96	2.046	2.041	(0.492)	2845	1.55777	1.56	
25 1,1-Dichloroethane	63	2.350	2.346	(0.565)	8950	2.80352	2.80	
28 1,2-Dichloroethene (cis)	96	2.815	2.816	(0.677)	27368	14.2639	14.3(Q)	
$ 35 Dibromofluoromethane (S)	113	3.333	3.334	(0.801)	66659	49.3572	49.4	
* 44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	280442	50.0000		
45 Trichloroethene	95	4.615	4.610	(1.109)	2461589	1303.32	1300	
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	289893	49.0211	49.0	
* 65 Chlorobenzene-D5 (IS)	117	7.339	7.334	(1.000)	224034	50.0000		
68 Ethylbenzene	106	7.446	7.441	(1.015)	1112	0.32455	0.324	
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.157	(1.111)	101974	45.8956	45.9	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.835	(1.000)	114011	50.0000		
95 Naphthalene	128	9.999	9.994	(1.132)	3312	0.71145	0.711	
97 2,methyl-naphthalene	142	10.629	10.624	(1.203)	3978	1.49671	1.50	
98 1-Methylnaphthalene	142	10.736	10.736	(1.215)	2931	1.42391	1.42	

QC Flag Legend

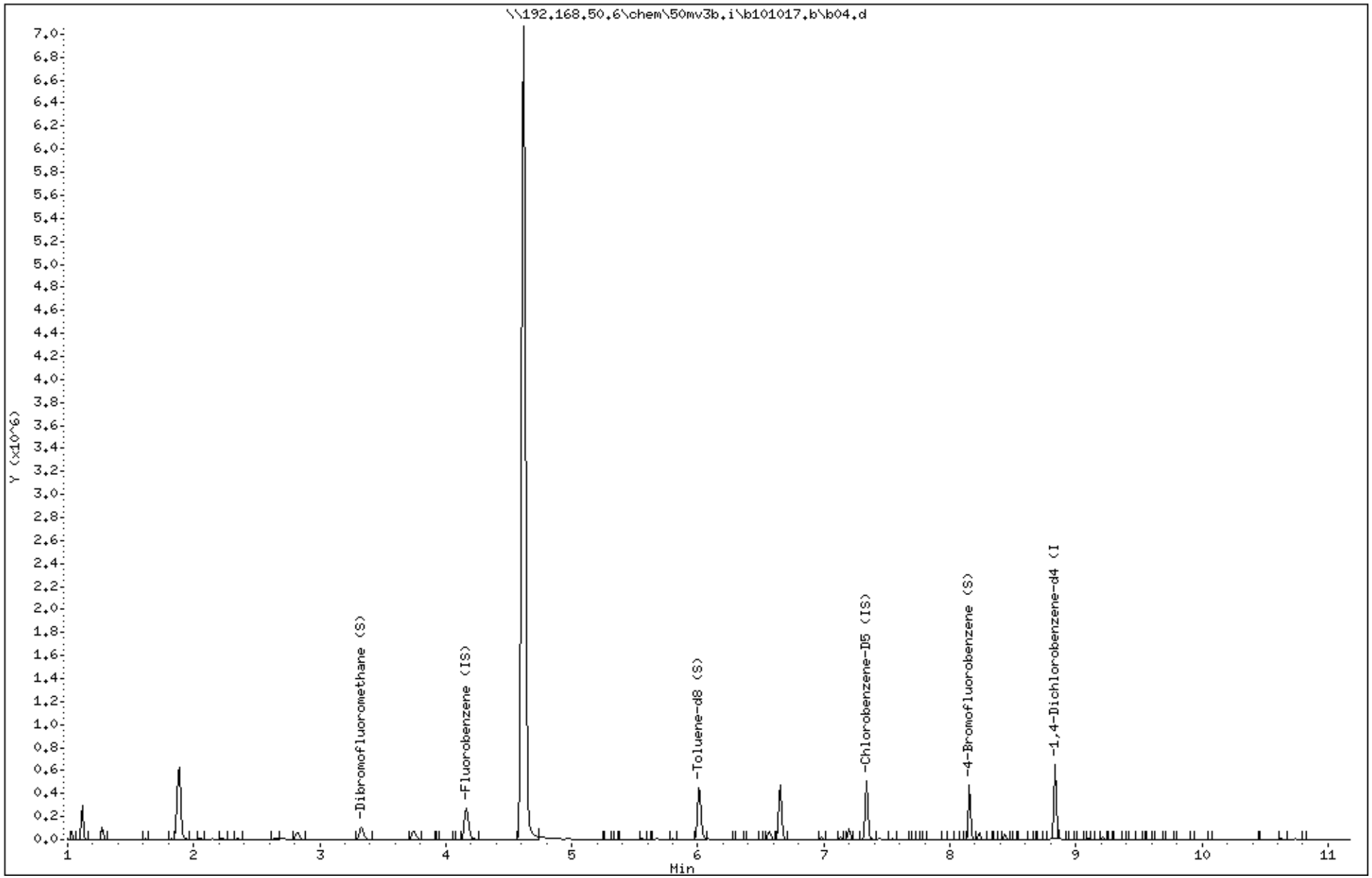
Q - Qualifier signal failed the ratio test.

QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d
Date : 10-OCT-2017 13:29
Client ID:
Instrument: 50mv3b.i
Sample Info: 50180760015
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

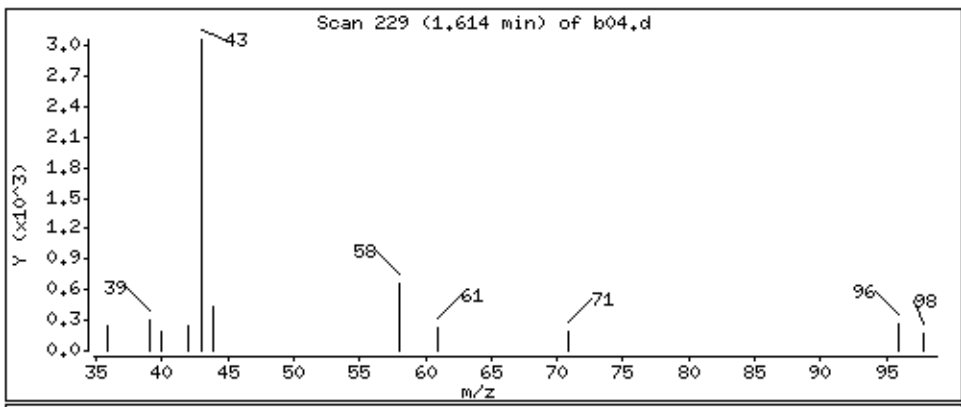
Column phase: DB-624

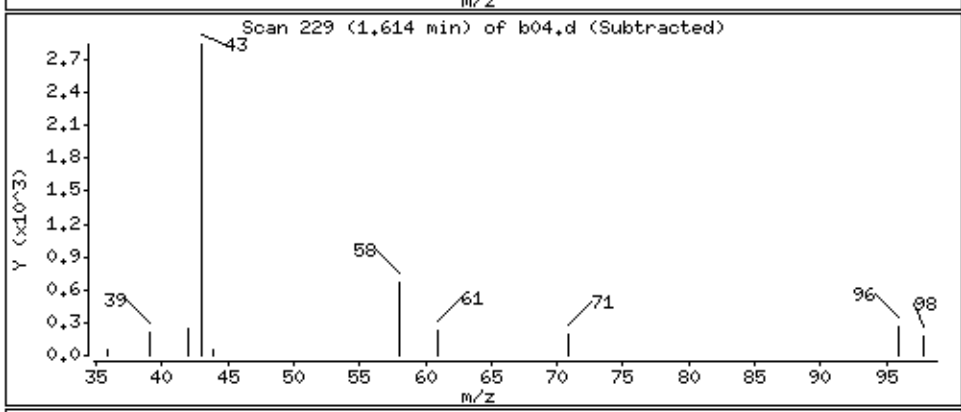
Column diameter: 0.18

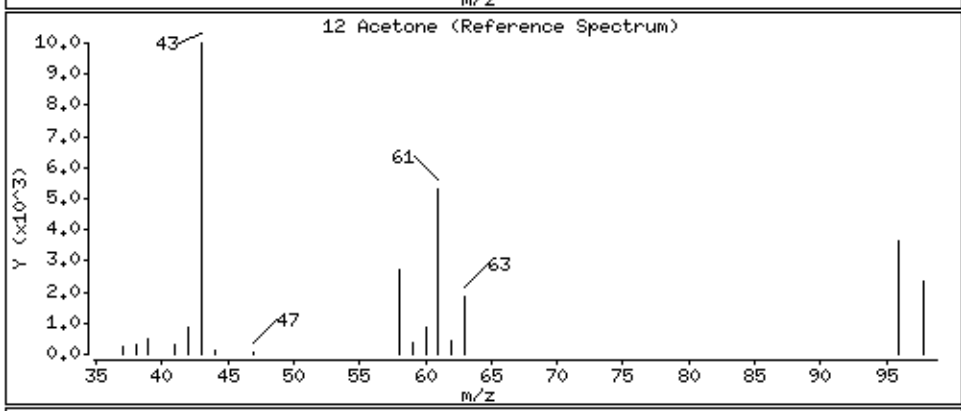
12 Acetone

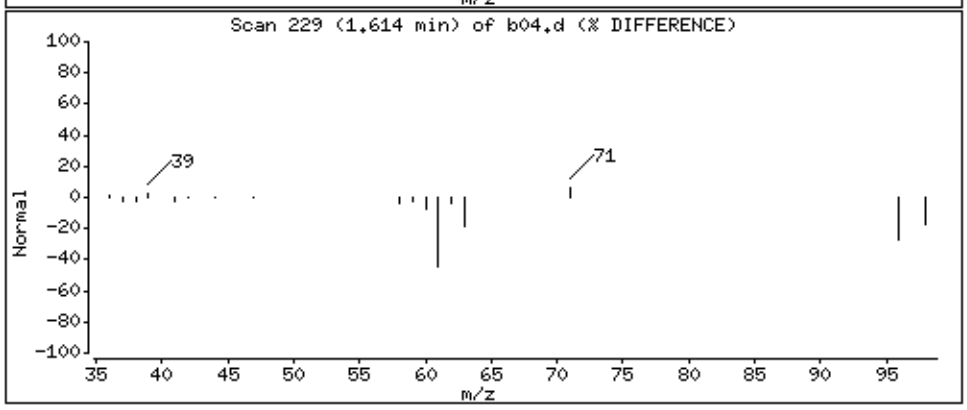
Concentration: 17.6 ppb

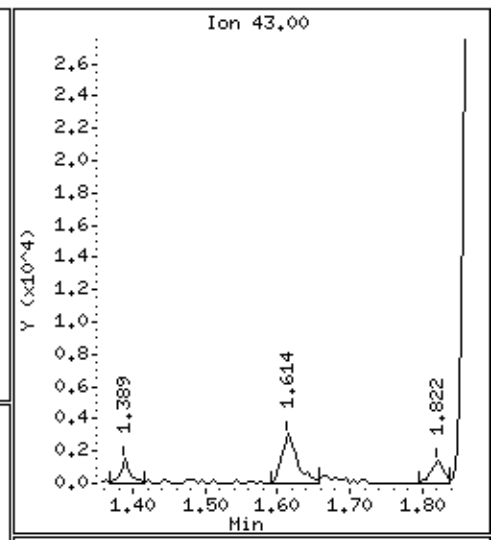
Review Code:

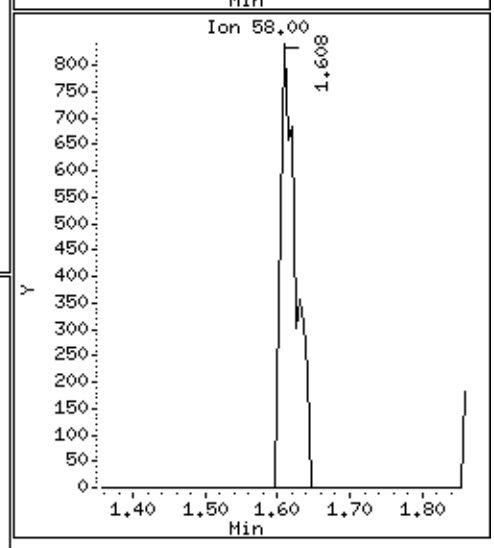












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

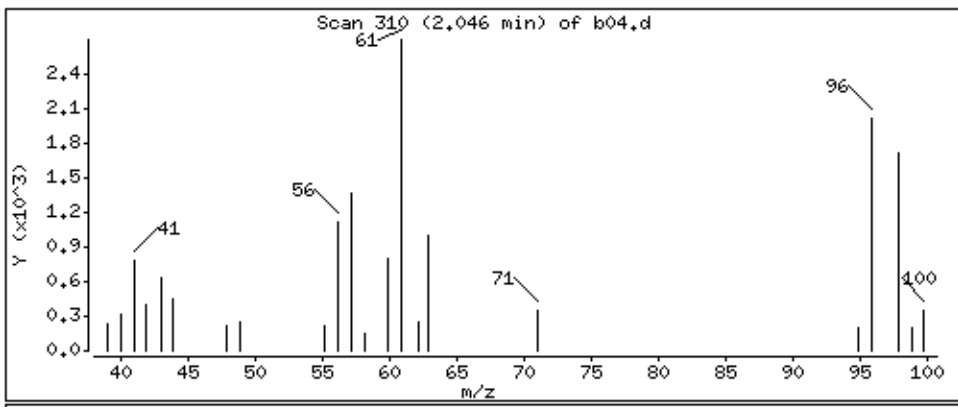
Column phase: DB-624

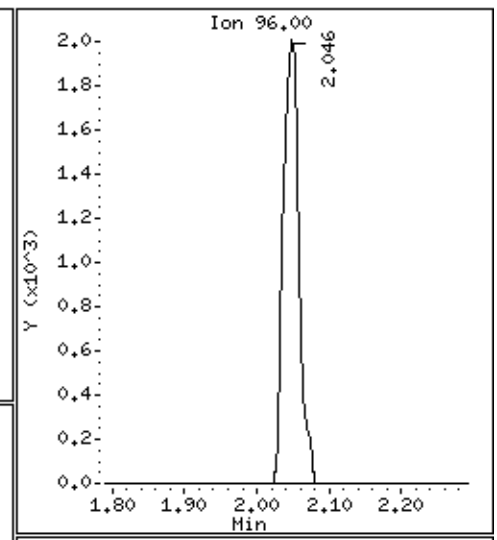
Column diameter: 0.18

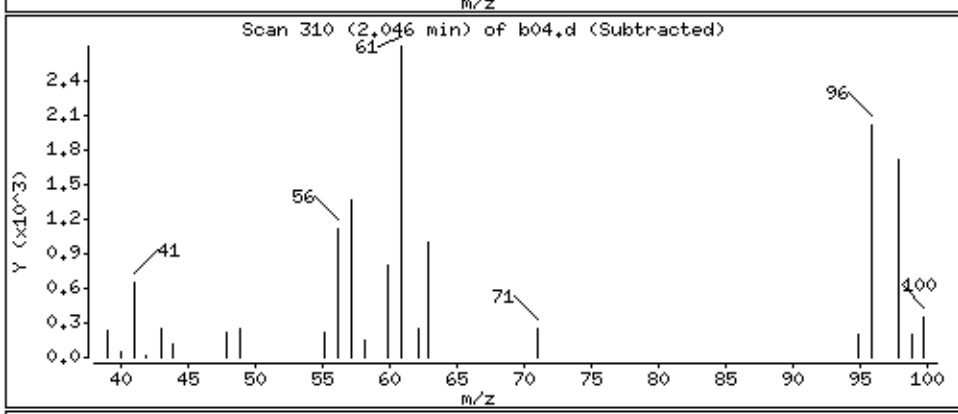
22 1,2-Dichloroethene (trans)

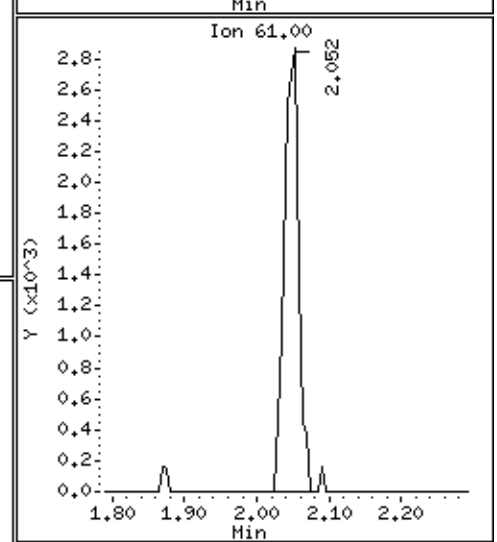
Concentration: 1.56 ppb

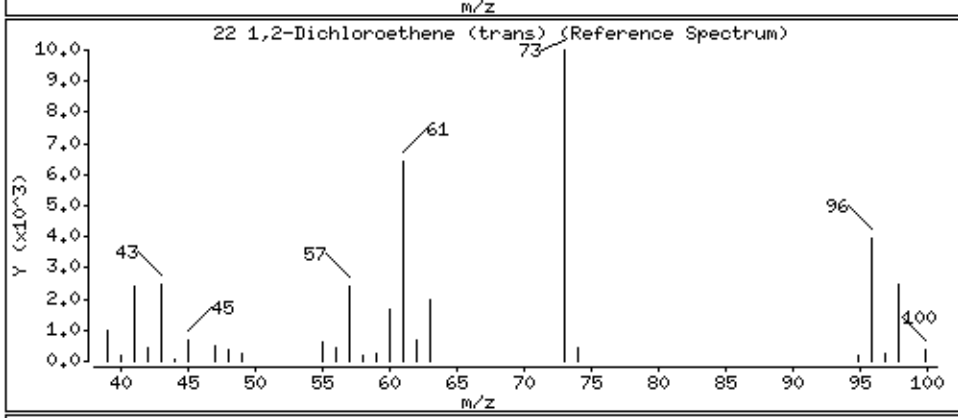
Review Code:

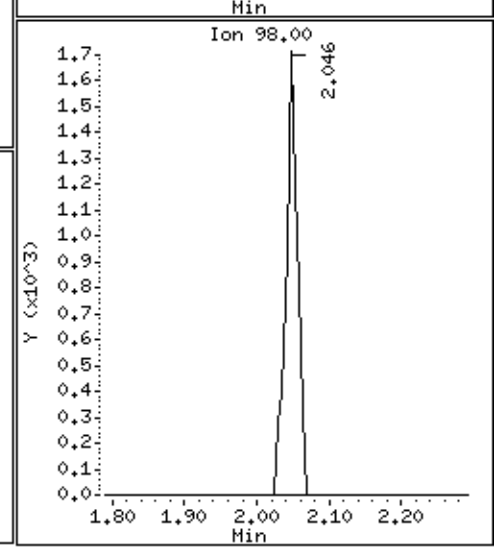


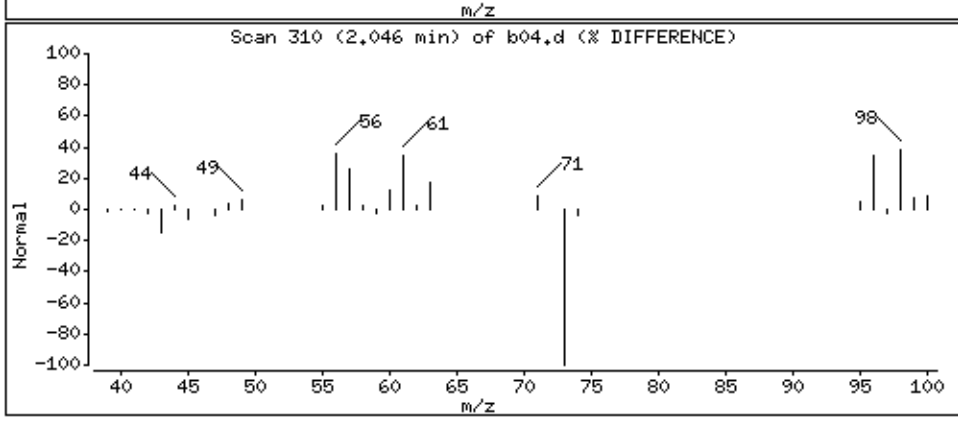












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

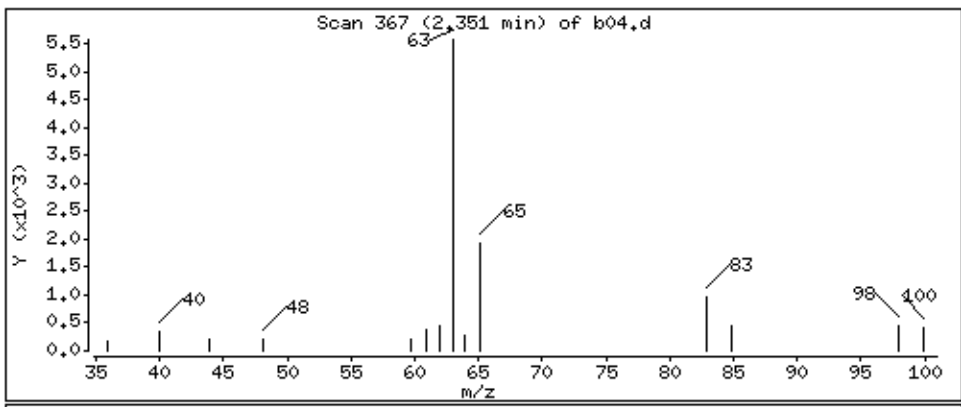
Column phase: DB-624

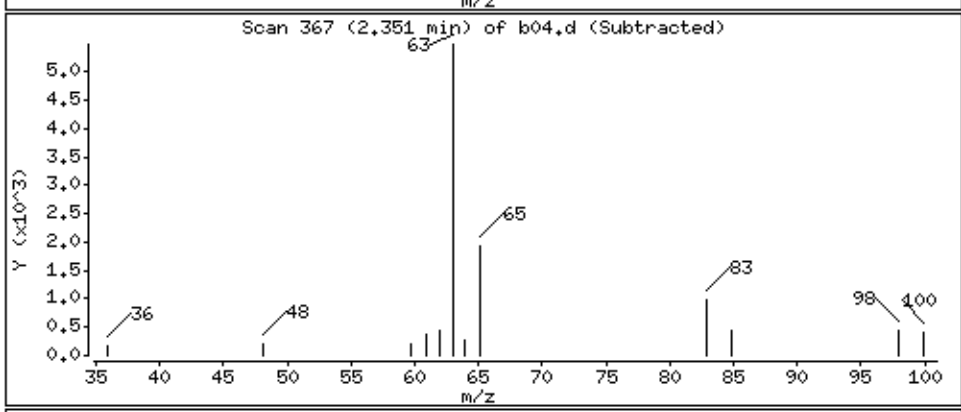
Column diameter: 0.18

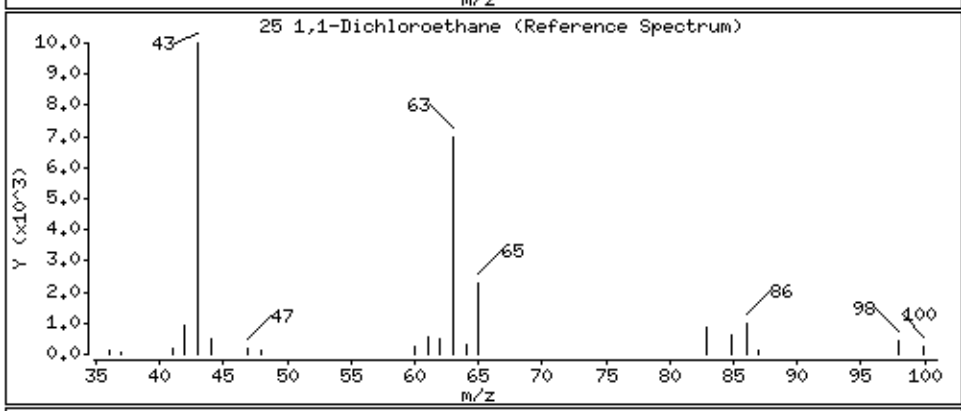
25 1,1-Dichloroethane

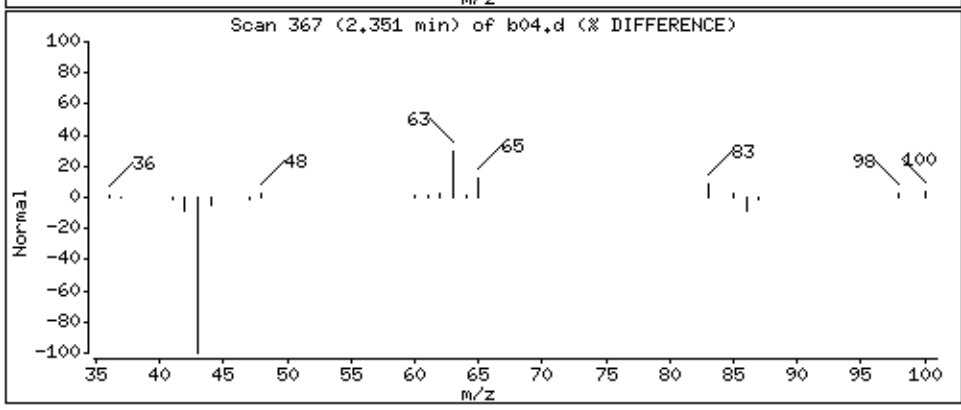
Concentration: 2.80 ppb

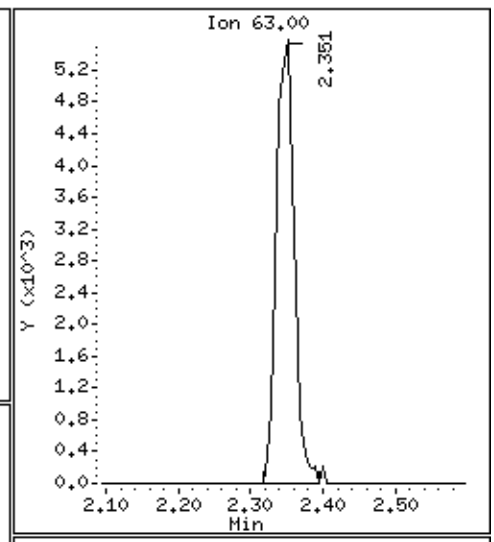
Review Code:

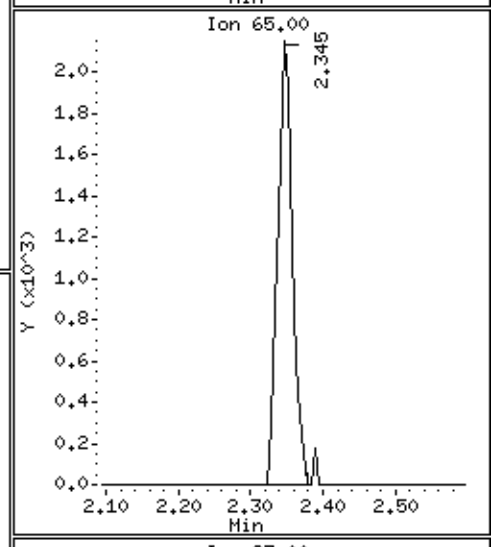


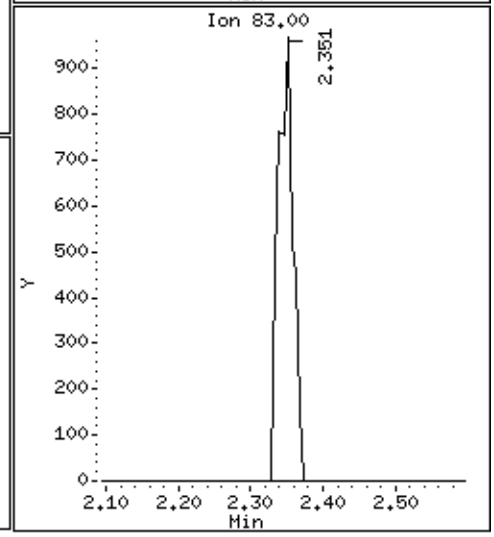












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

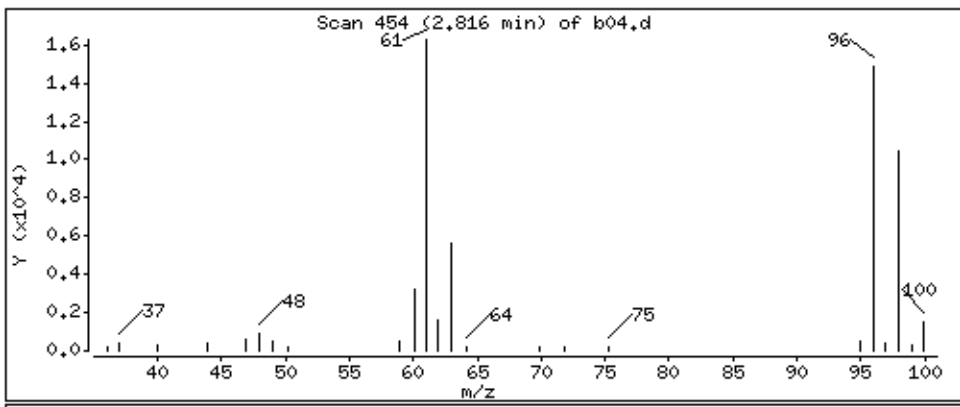
Column phase: DB-624

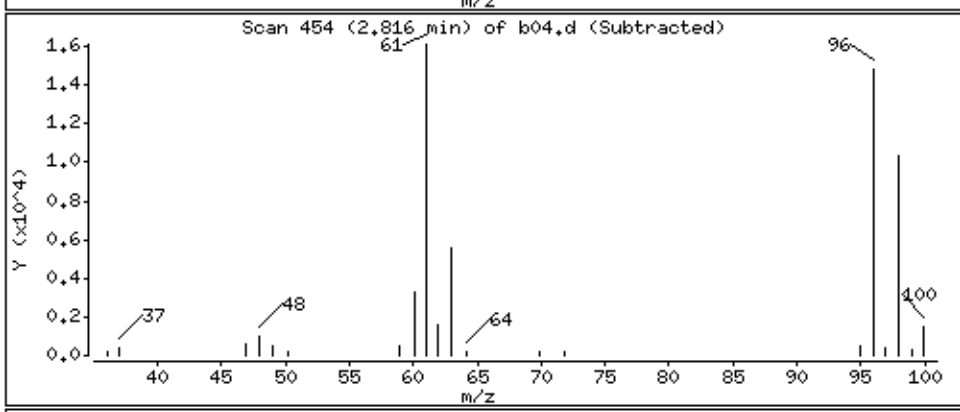
Column diameter: 0.18

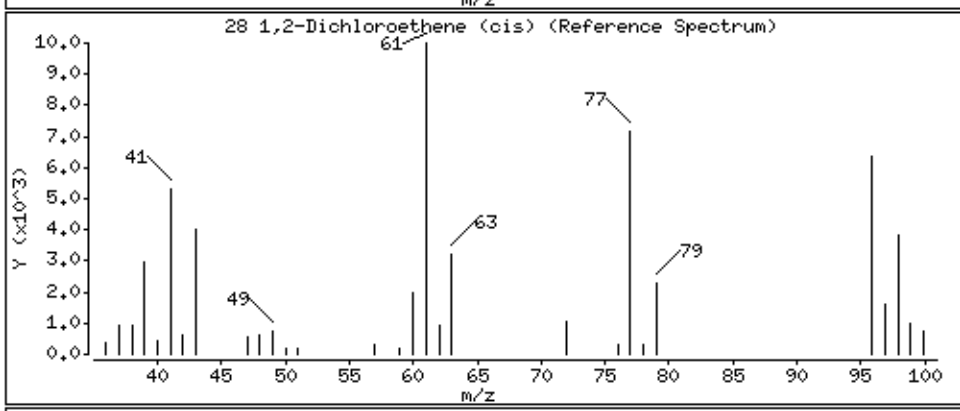
28 1,2-Dichloroethene (cis)

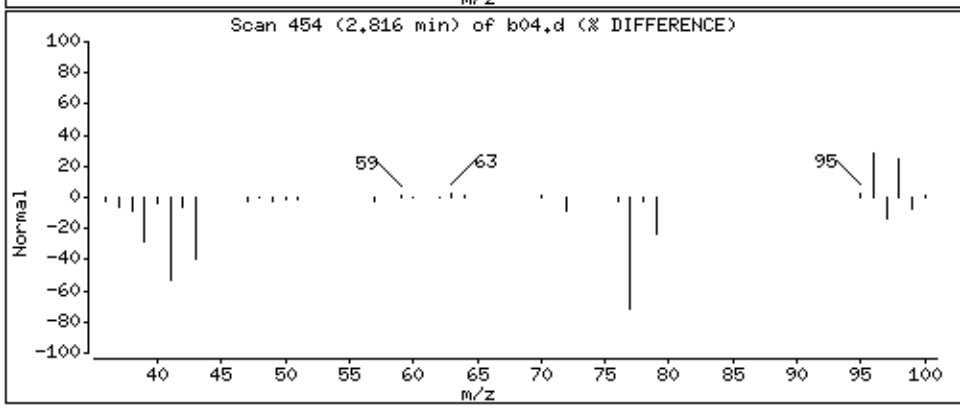
Concentration: 14.3 ppb

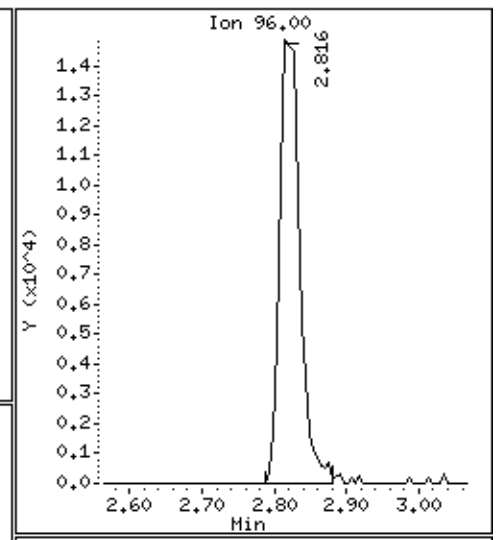
Review Code:

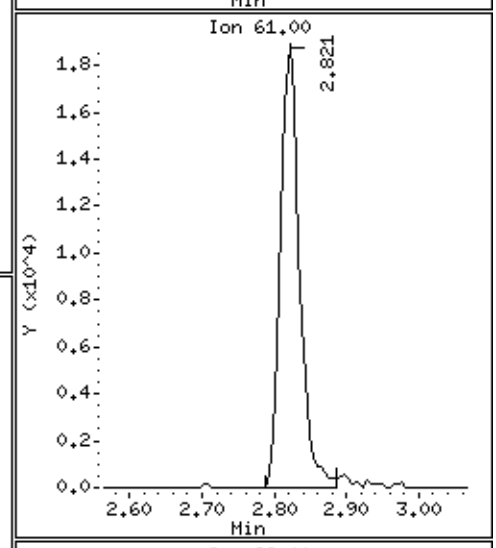


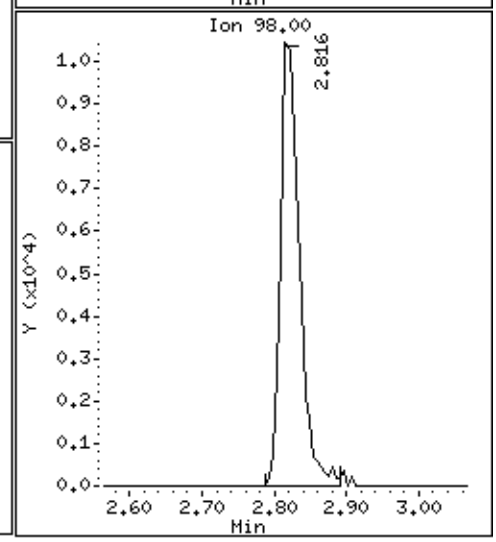












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

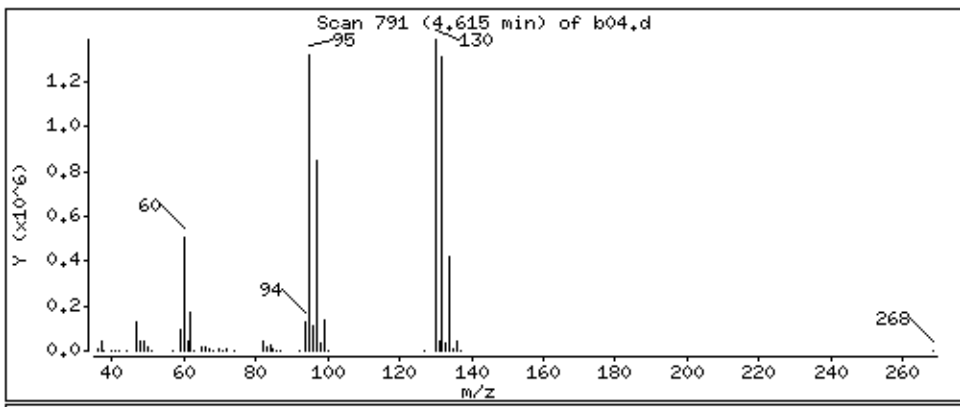
Column phase: DB-624

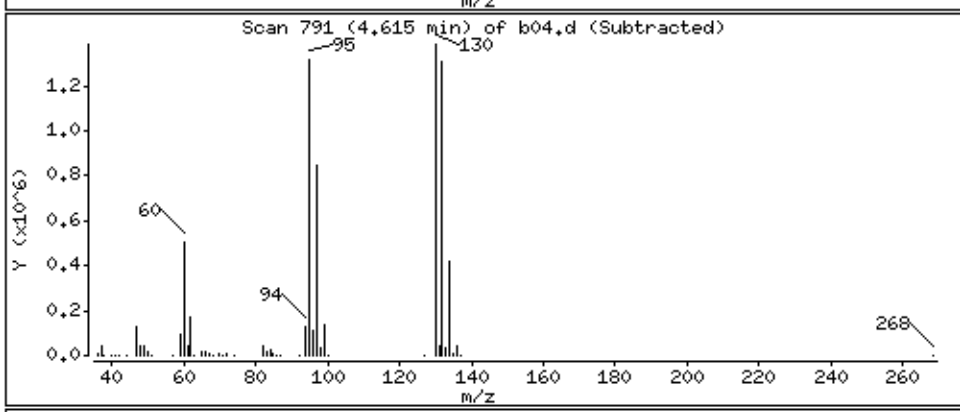
Column diameter: 0.18

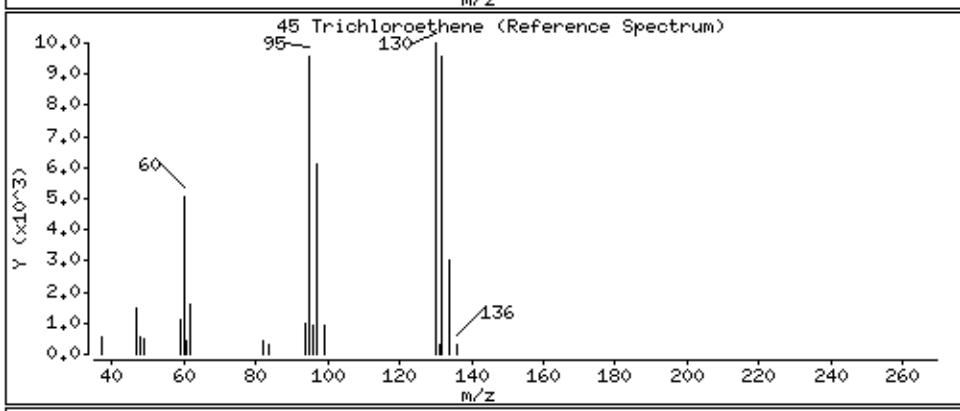
45 Trichloroethene

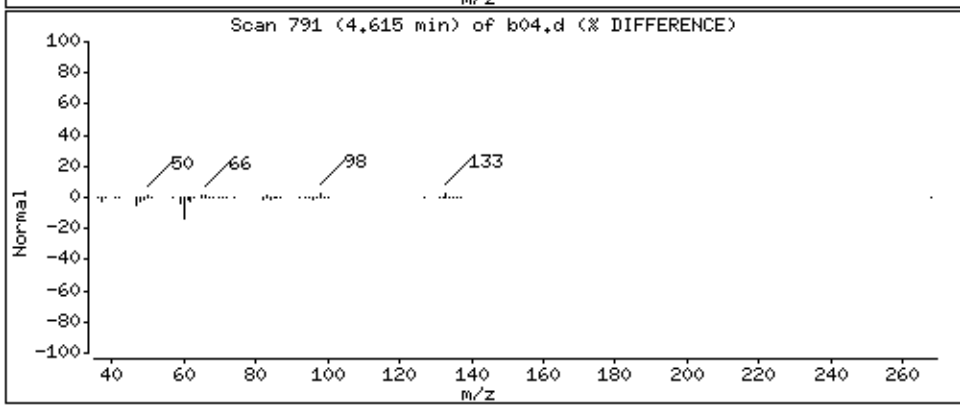
Concentration: 1300 ppb

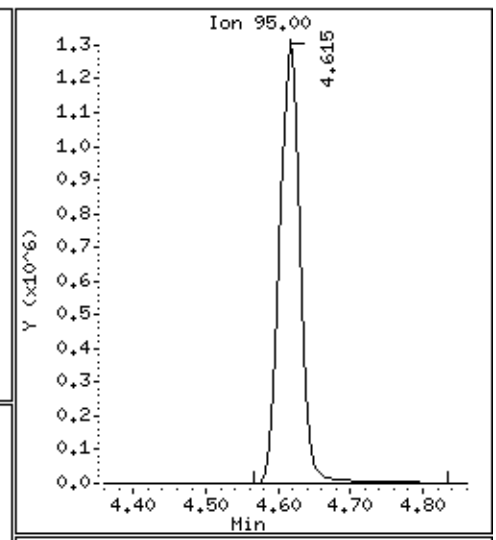
Review Code:

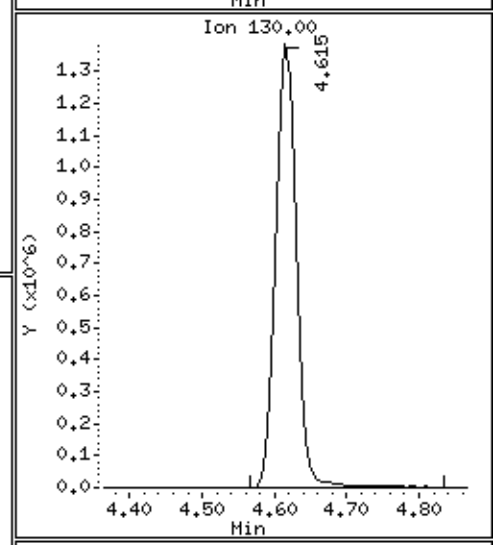


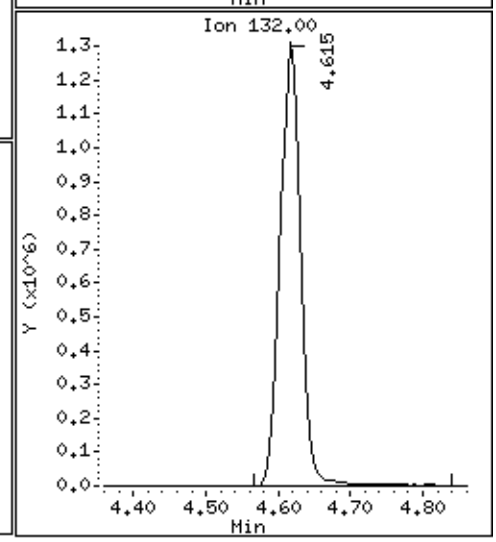












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

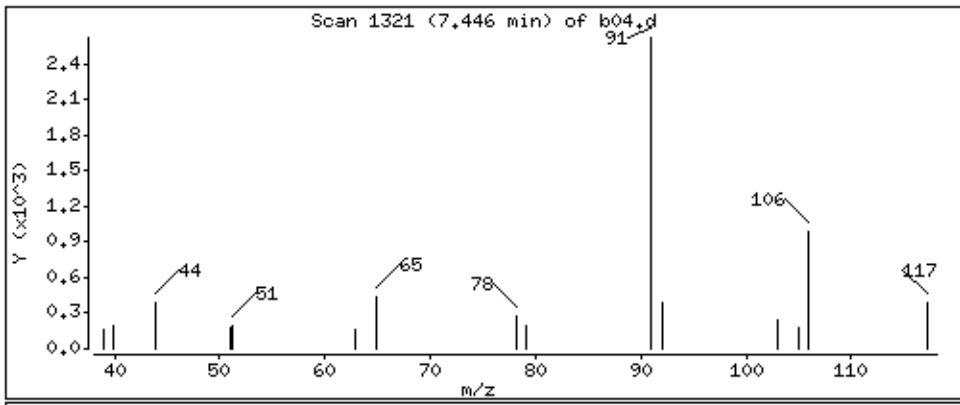
Column phase: DB-624

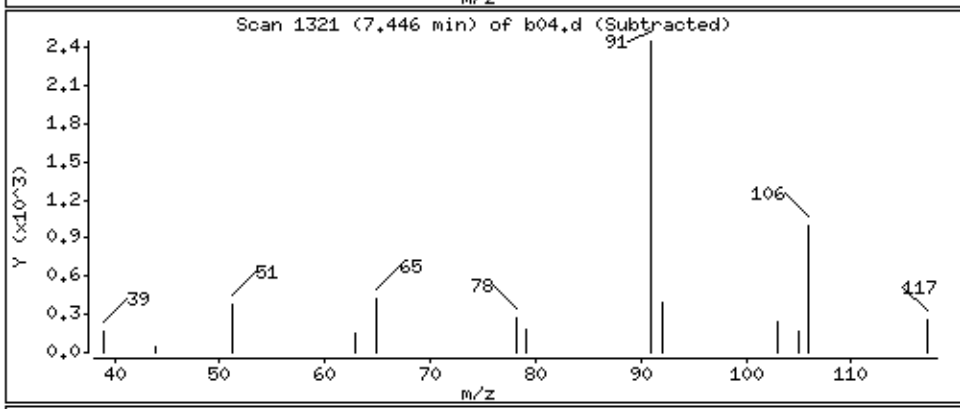
Column diameter: 0.18

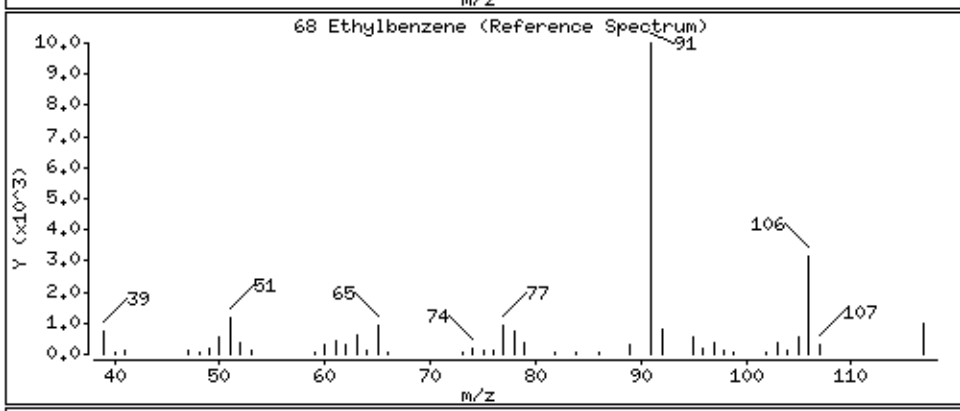
68 Ethylbenzene

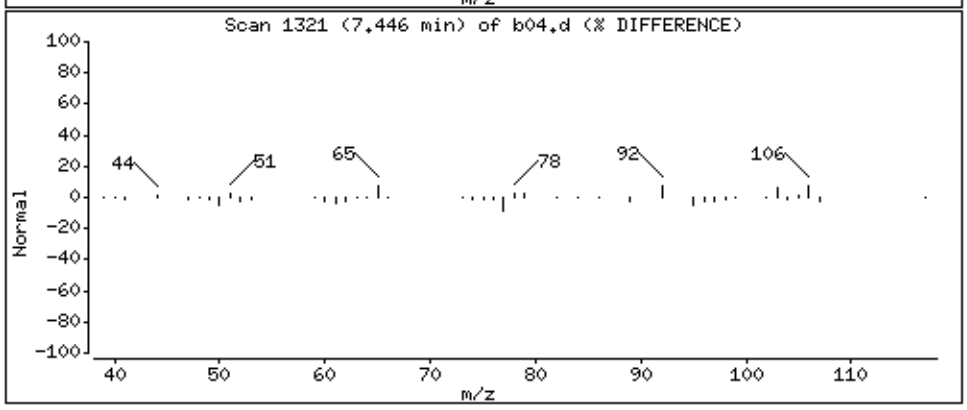
Concentration: 0.324 ppb

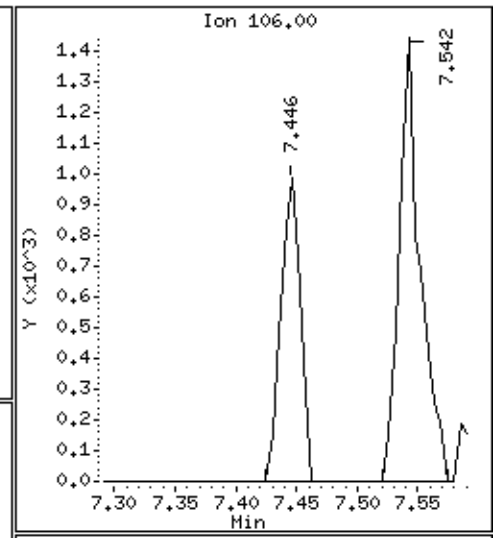
Review Code:

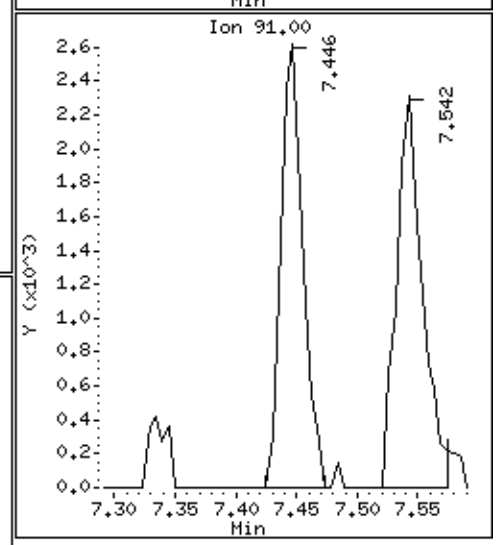












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

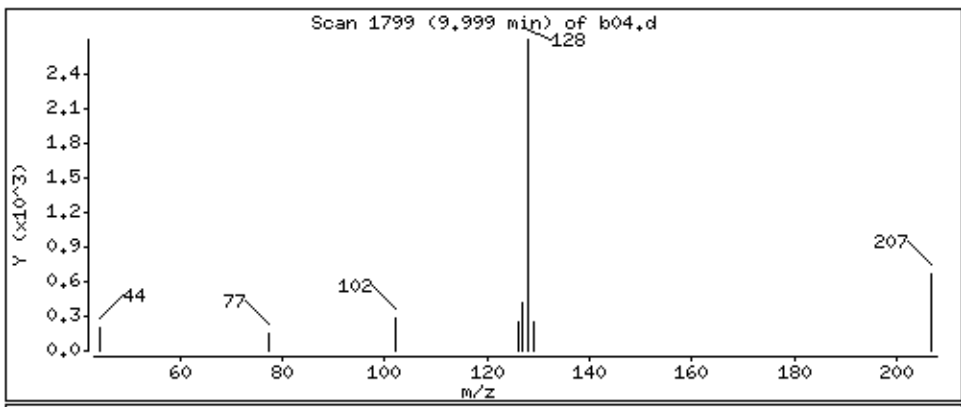
Column phase: DB-624

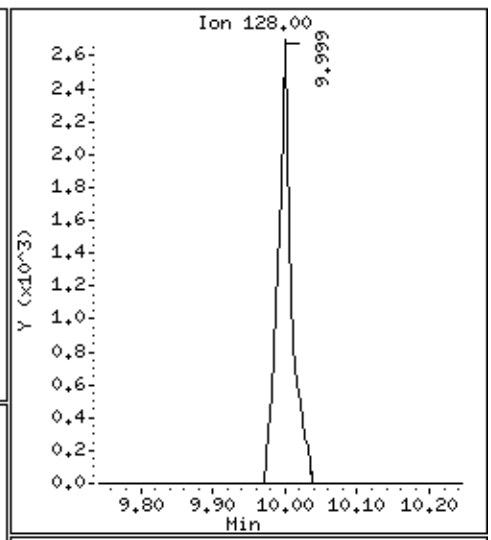
Column diameter: 0.18

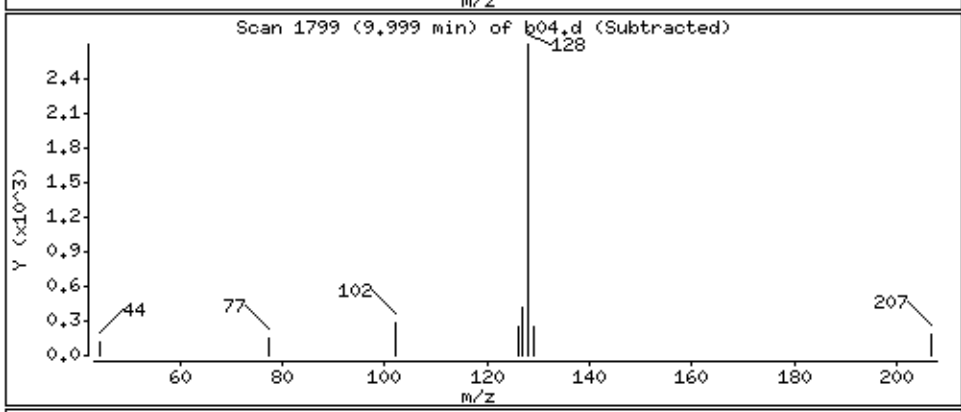
95 Naphthalene

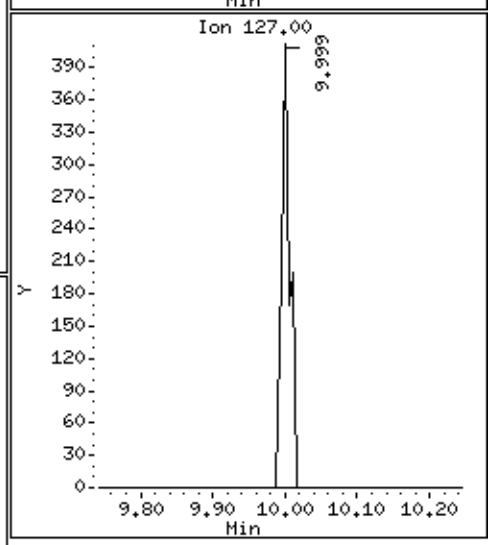
Concentration: 0.711 ppb

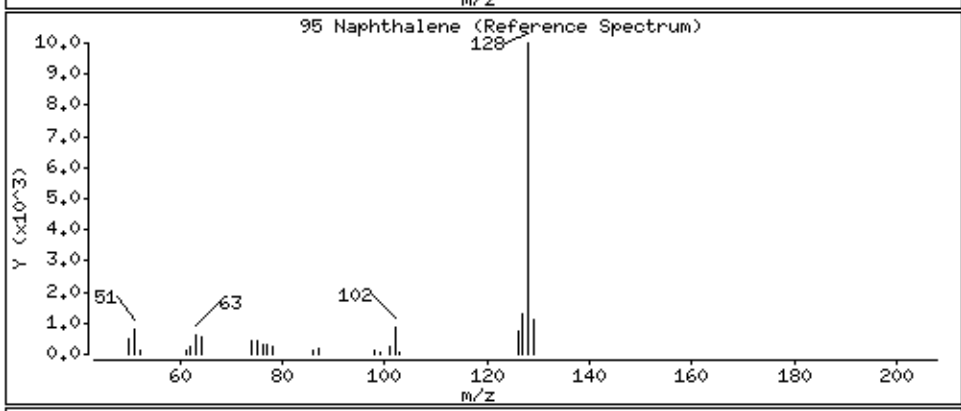
Review Code:

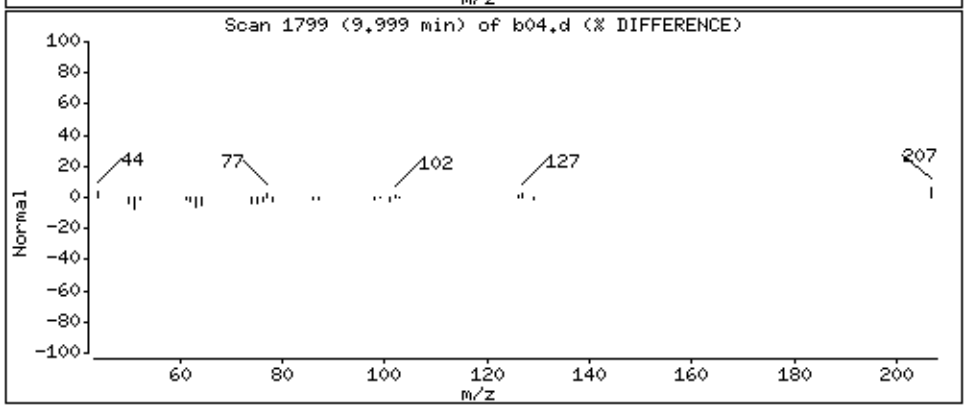












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

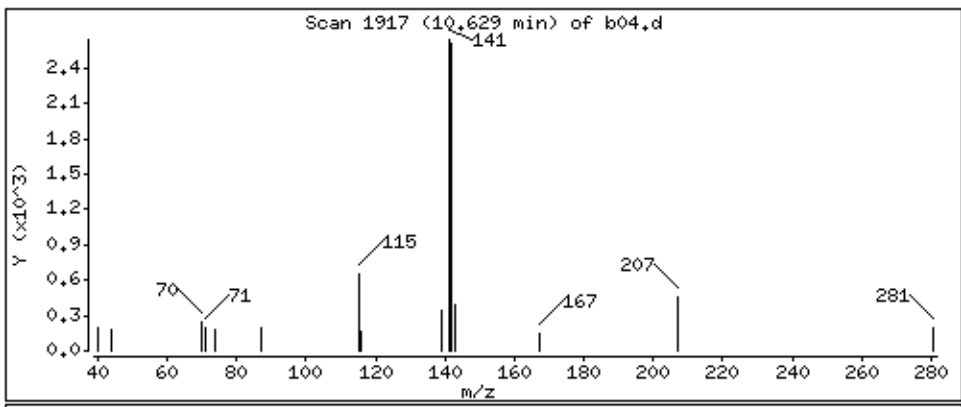
Column phase: DB-624

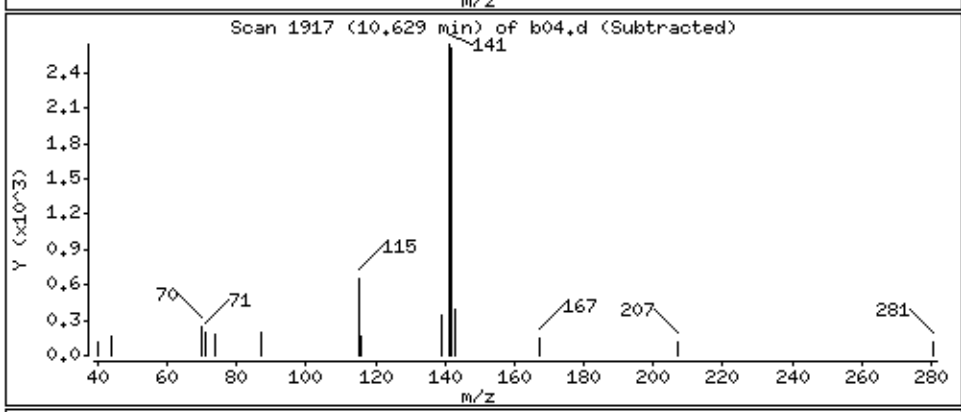
Column diameter: 0.18

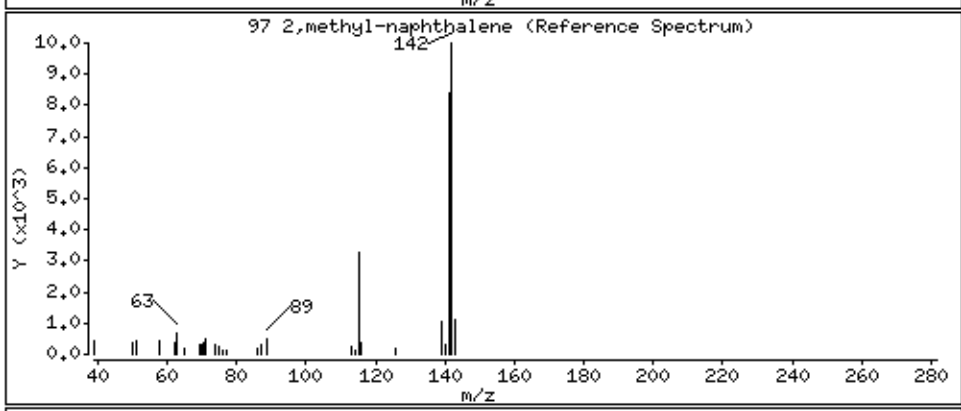
97 2,methyl-naphthalene

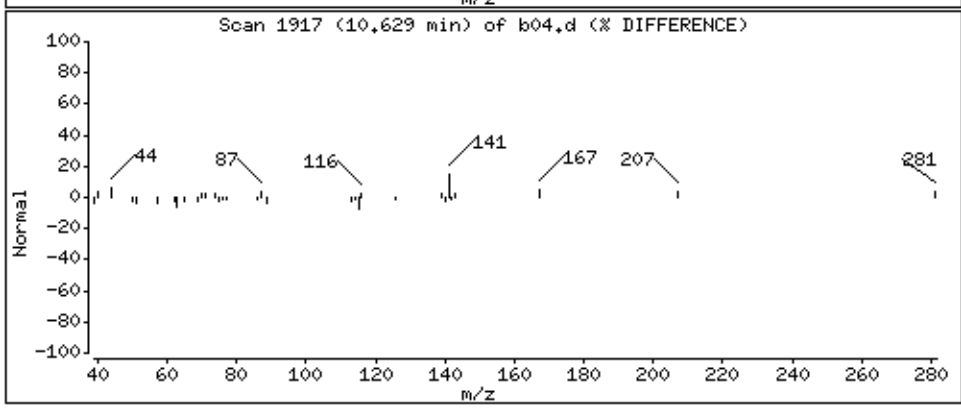
Concentration: 1.50 ppb

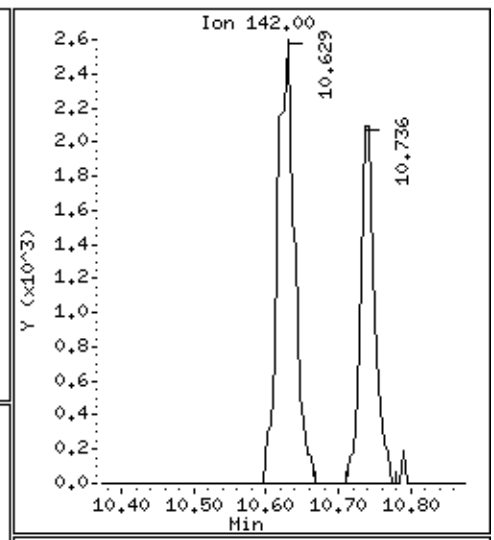
Review Code:

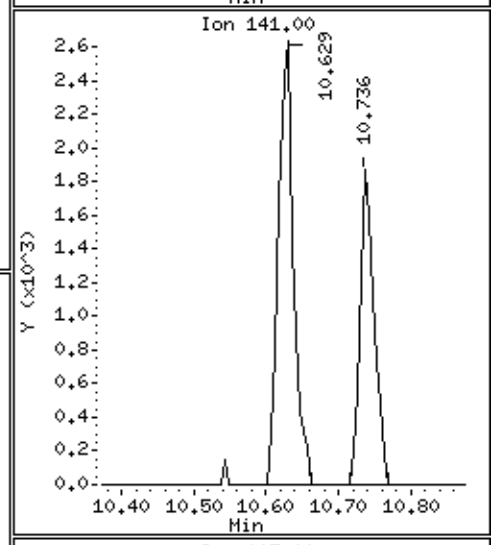


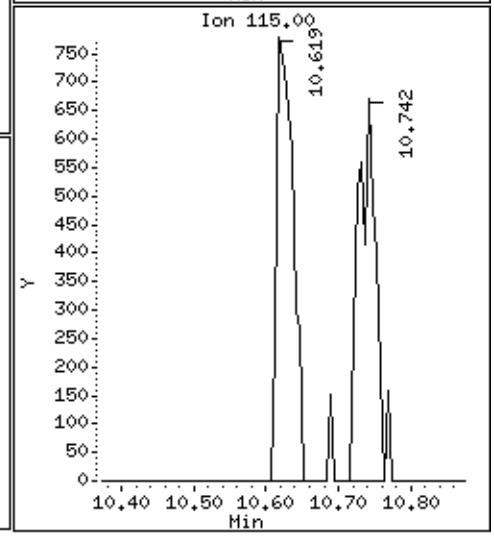












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b04.d

Date : 10-OCT-2017 13:29

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760015

Purge Volume: 5.0

Operator: jlz

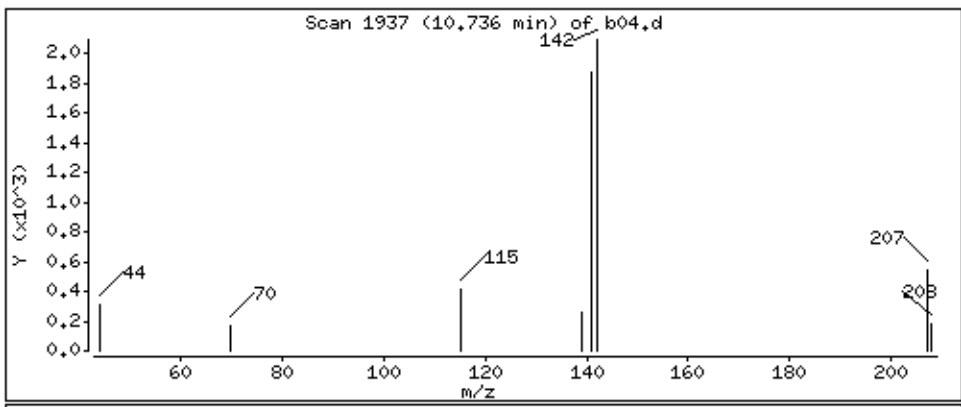
Column phase: DB-624

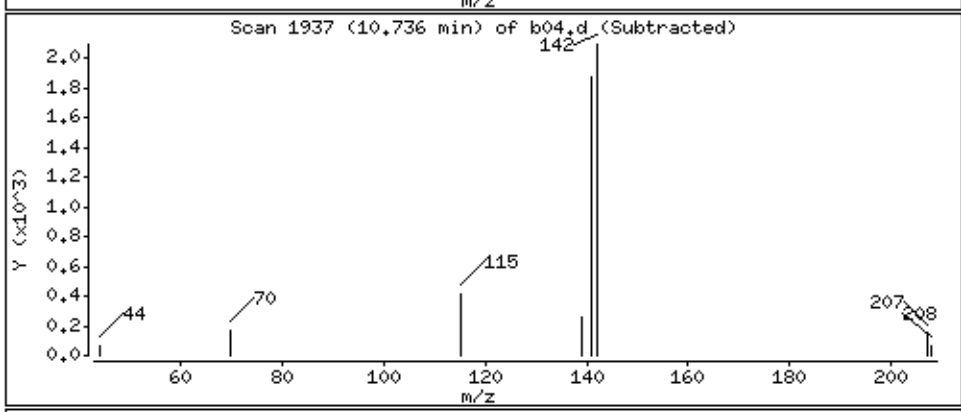
Column diameter: 0.18

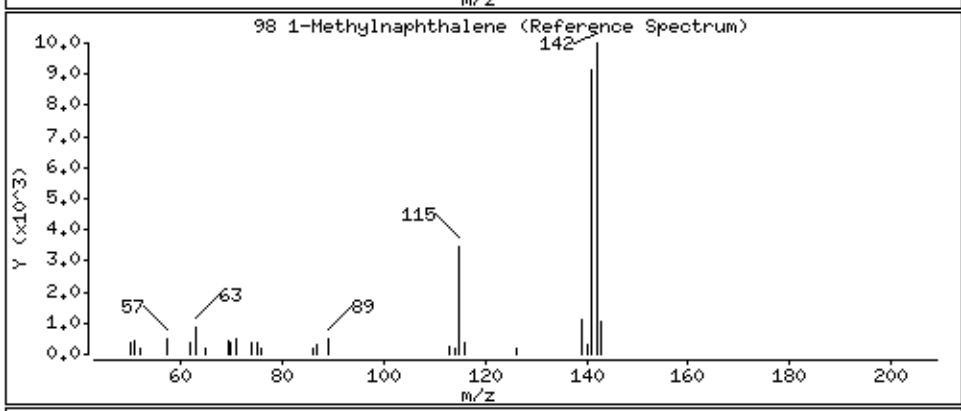
98 1-Methylnaphthalene

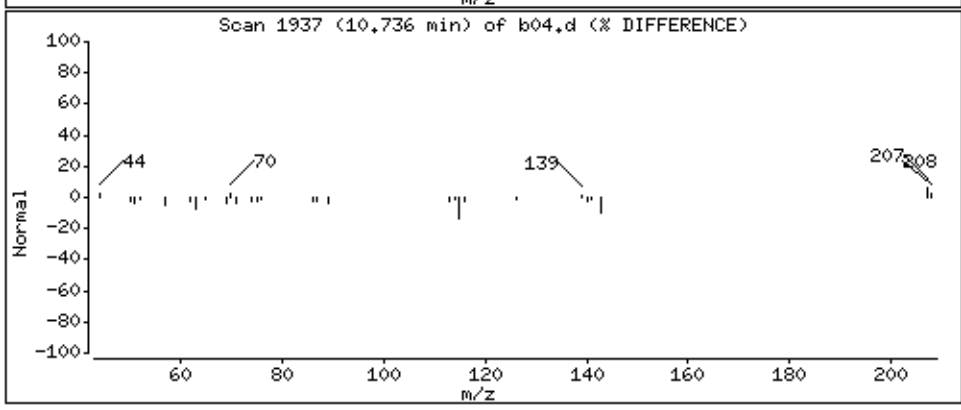
Concentration: 1.42 ppb

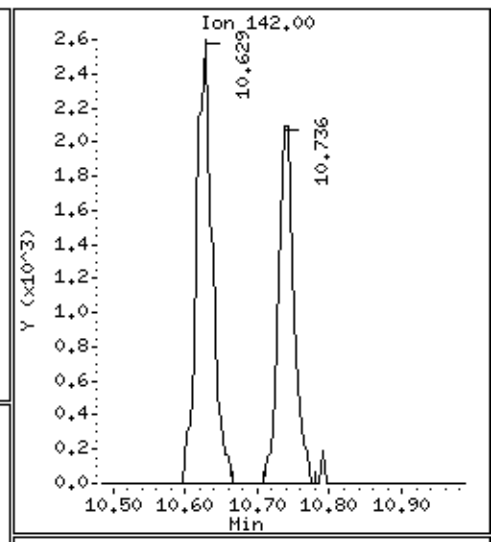
Review Code:

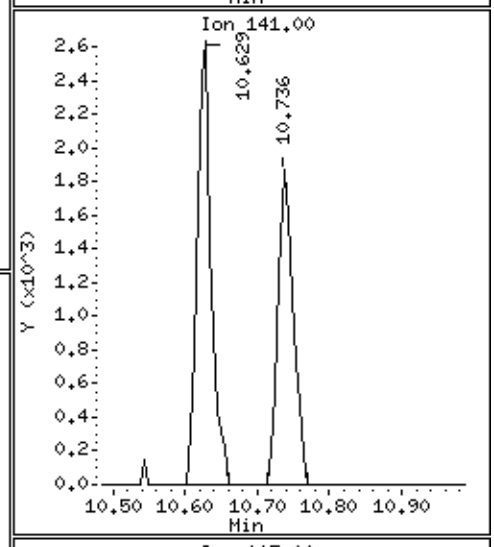


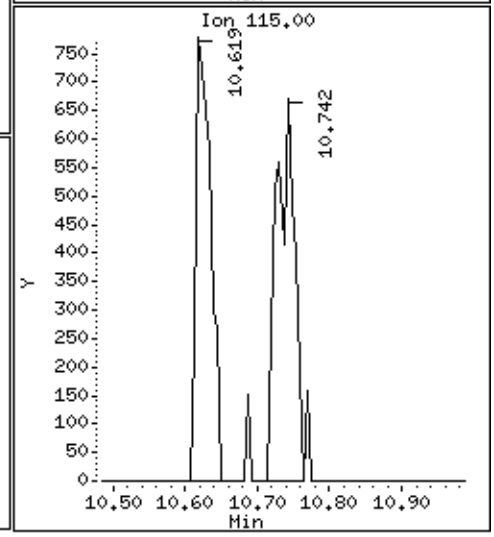












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b04.d
Injection Date: 10-OCT-2017 13:29
Instrument: 50mv3b.i
Lab Sample ID: 50180760015
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0620-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 08:36 Lab Sample ID: 50180760016

Date Analyzed: 10/10/2017 08:36 Lab File ID: A100917.B\C19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 25 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
156-59-2	cis-1,2-Dichloroethene	369	
79-01-6	Trichloroethene	823	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d
Lab Smp Id: 50180760016
Inj Date : 10-OCT-2017 08:36
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760016x25
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 85
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	25.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.458	1.462	(0.351)	4289	2.13850	53.5	
15 Methyl Acetate	43	1.768	1.767	(0.426)	19728	14.4901	362	
28 1,2-Dichloroethene (cis)	96	2.804	2.803	(0.676)	60825	14.7750	369(Q)	
$ 35 Dibromofluoromethane (S)	113	3.317	3.316	(0.799)	160578	49.0274	49.0	
* 45 Fluorobenzene (IS)	96	4.150	4.149	(1.000)	663340	50.0000		
46 Trichloroethene	95	4.604	4.603	(1.109)	126789	32.9194	823	
$ 56 Toluene-d8 (S)	98	6.003	6.008	(0.819)	627671	47.6951	47.7	
57 Toluene	91	6.089	6.077	(0.830)	3631	0.21929	5.48	
* 66 Chlorobenzene-D5 (IS)	117	7.333	7.332	(1.000)	438641	50.0000		
69 Ethylbenzene	106	7.440	7.439	(1.015)	1392	0.24465	6.12(Q)	
$ 75 4-Bromofluorobenzene (S)	95	8.156	8.155	(1.112)	172873	47.9065	47.9	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.833	(1.000)	154160	50.0000		

QC Flag Legend

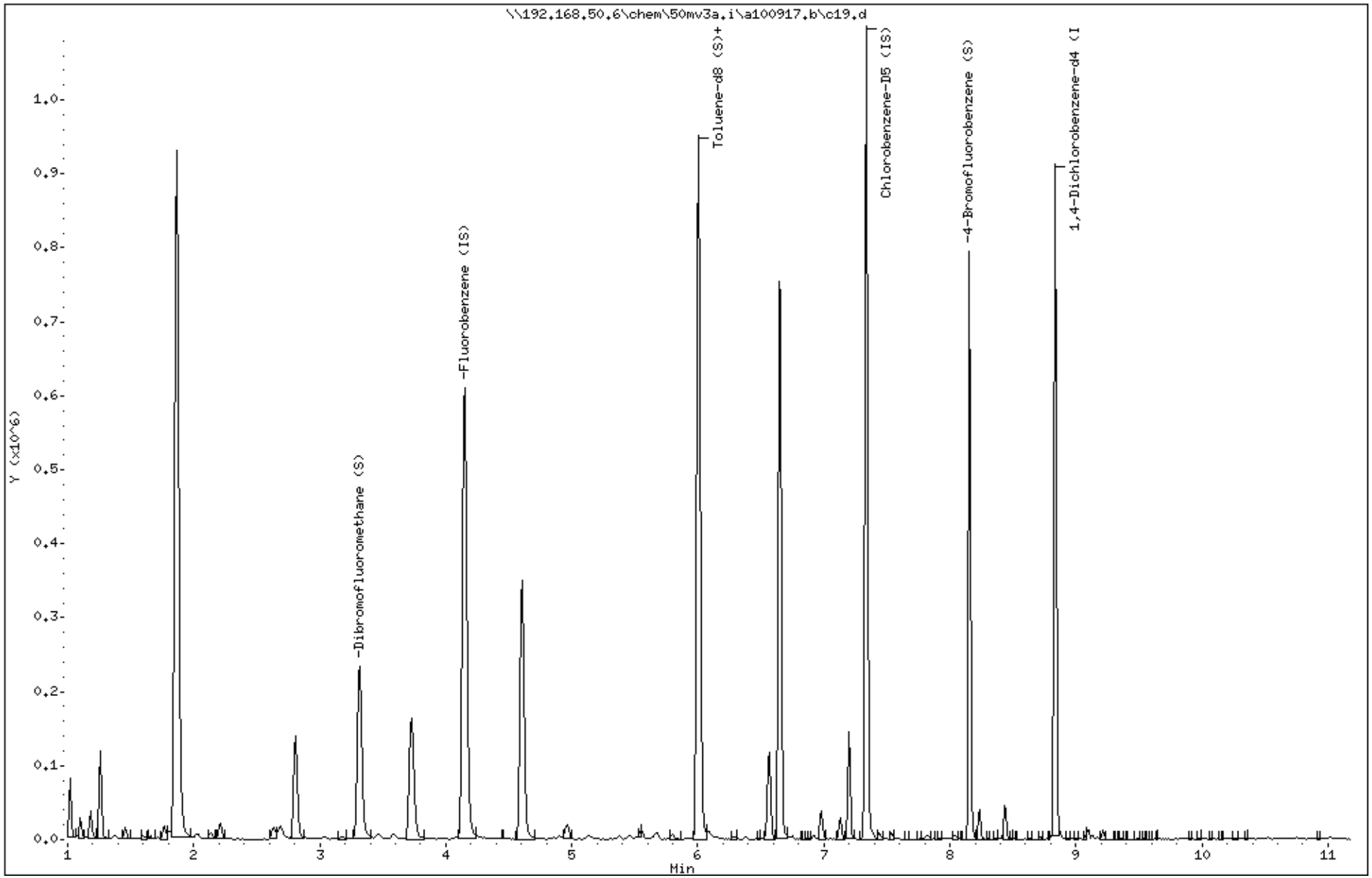
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d
Date : 10-OCT-2017 08:36
Client ID:
Sample Info: 50180760016x25
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

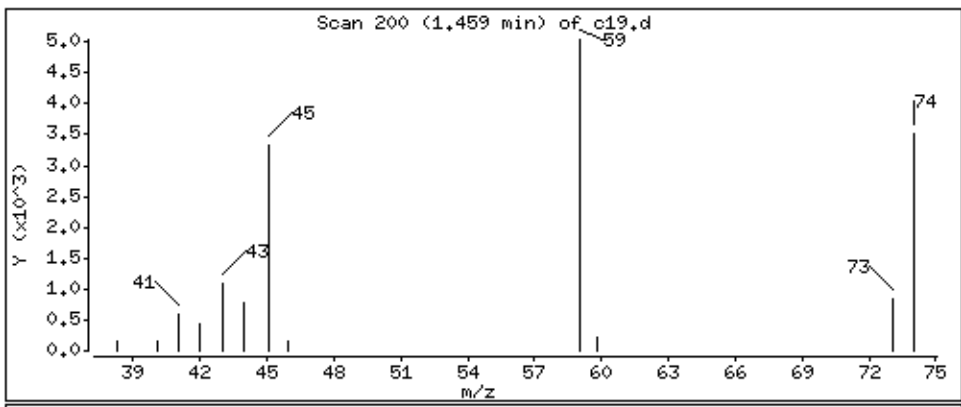
Column phase: DB-624

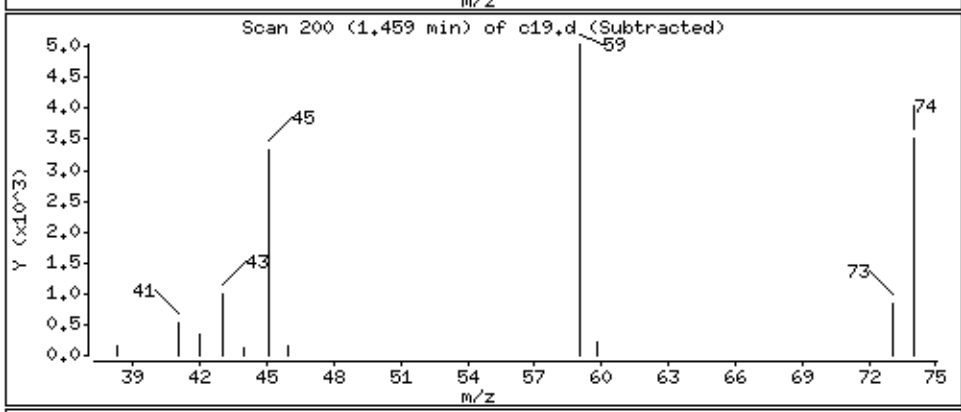
Column diameter: 0.18

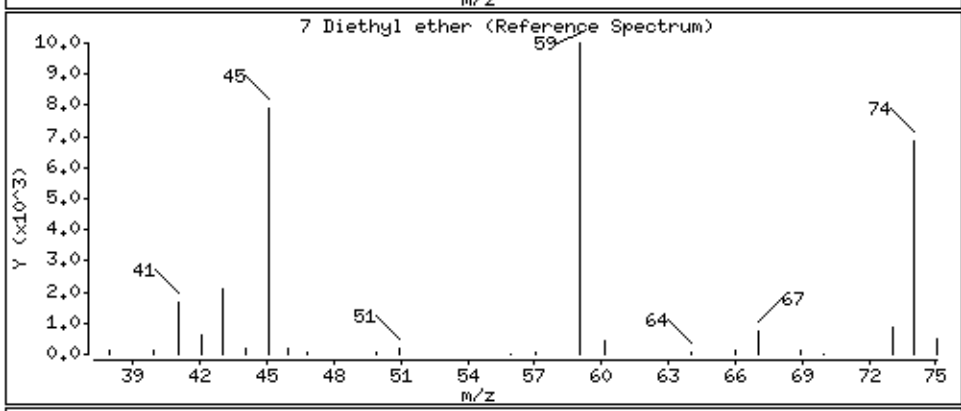
7 Diethyl ether

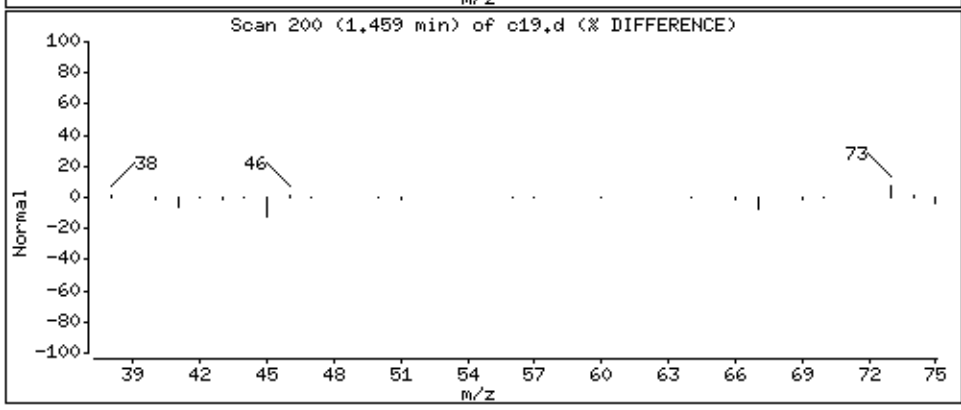
Concentration: 53.5 ppb

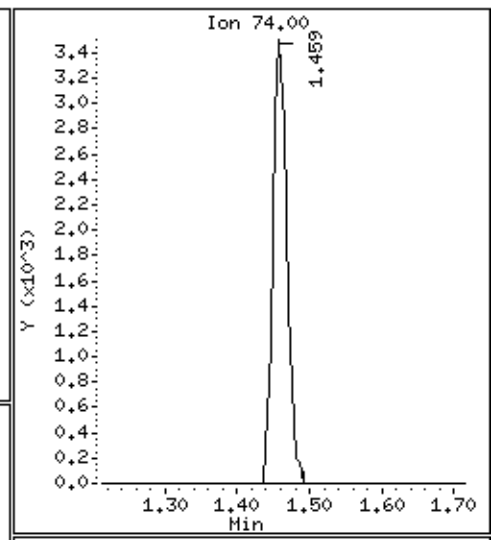
Review Code:

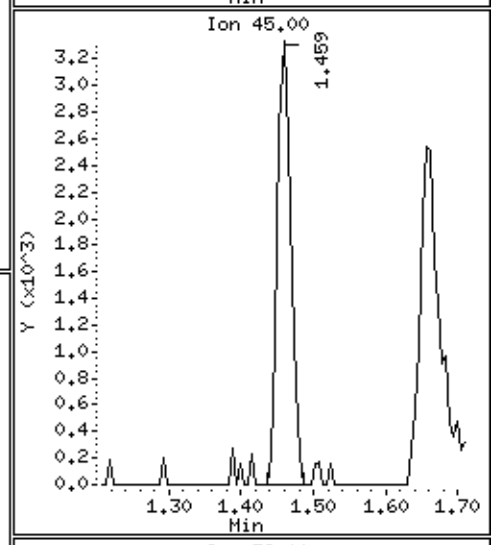


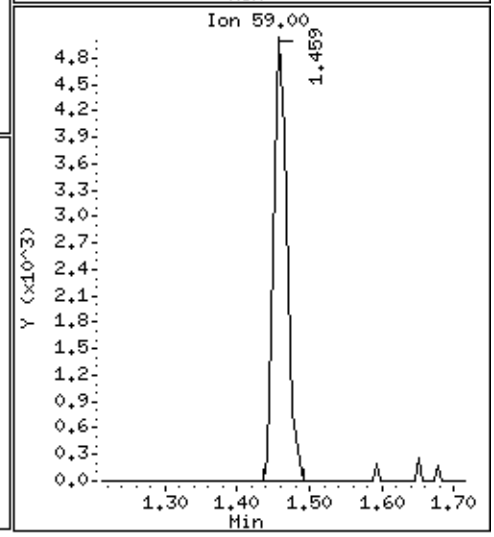












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

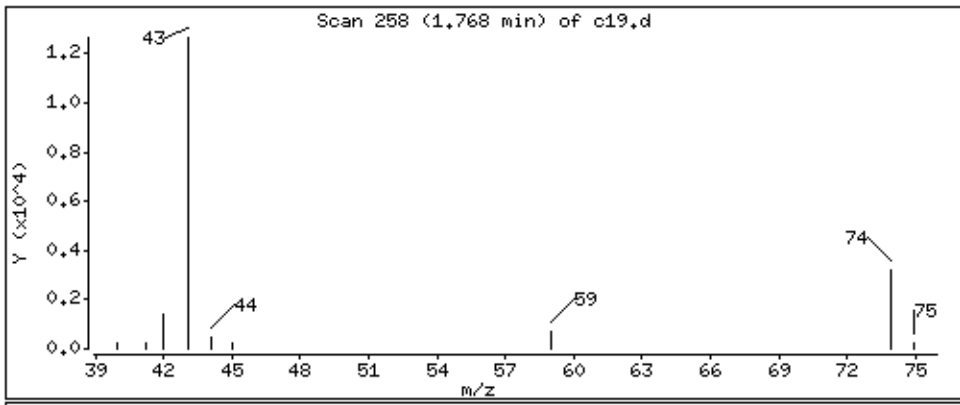
Column phase: DB-624

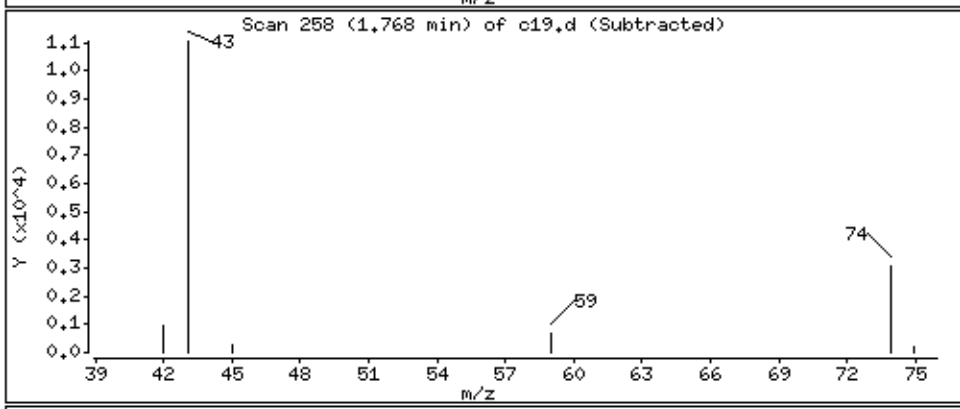
Column diameter: 0.18

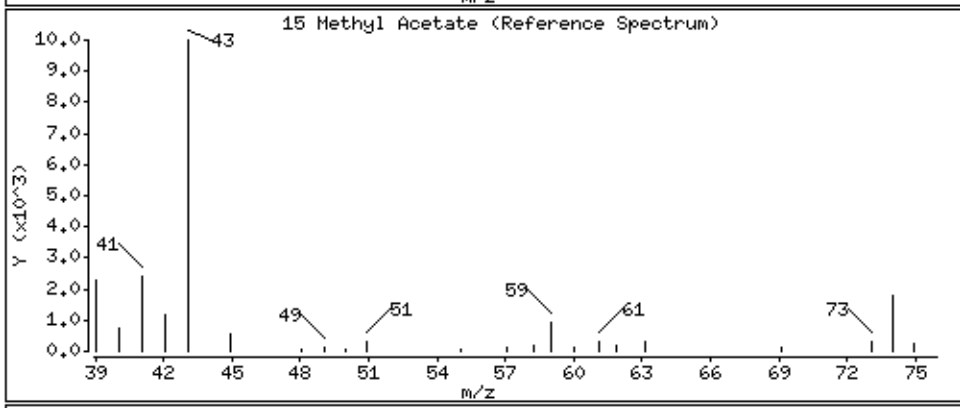
15 Methyl Acetate

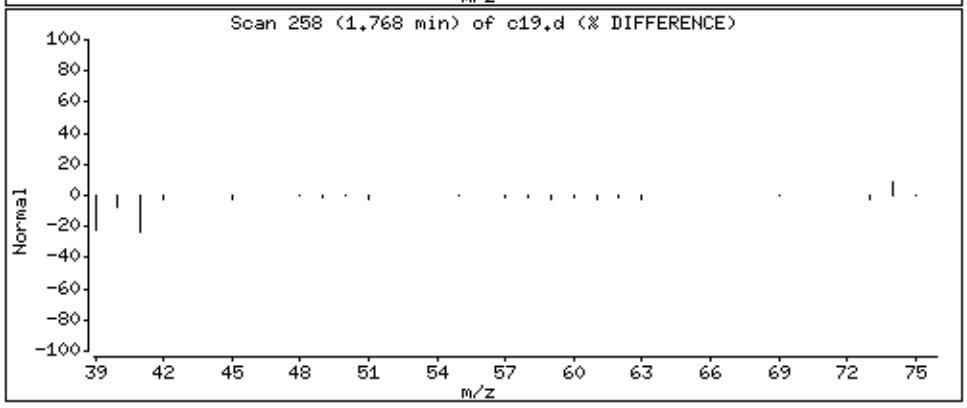
Concentration: 362 ppb

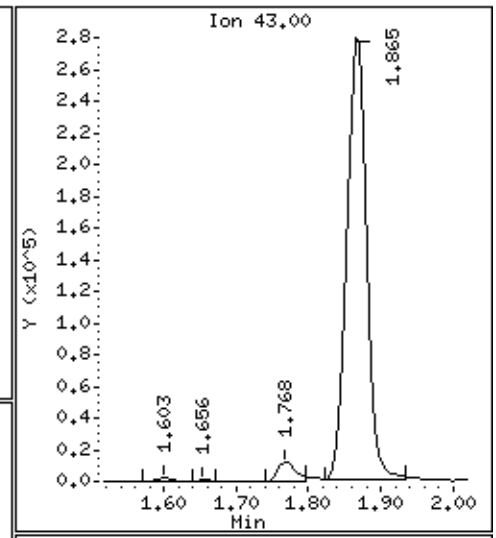
Review Code:

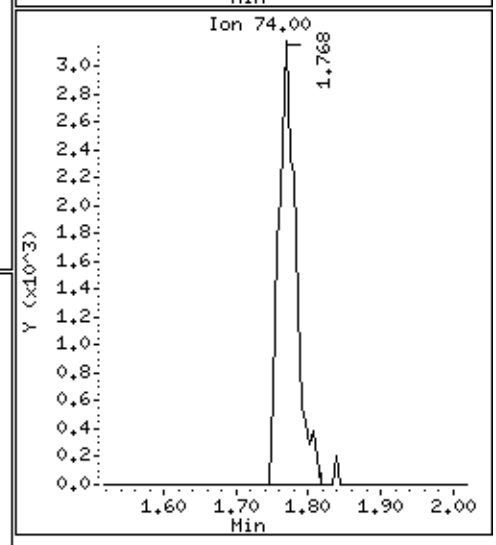












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

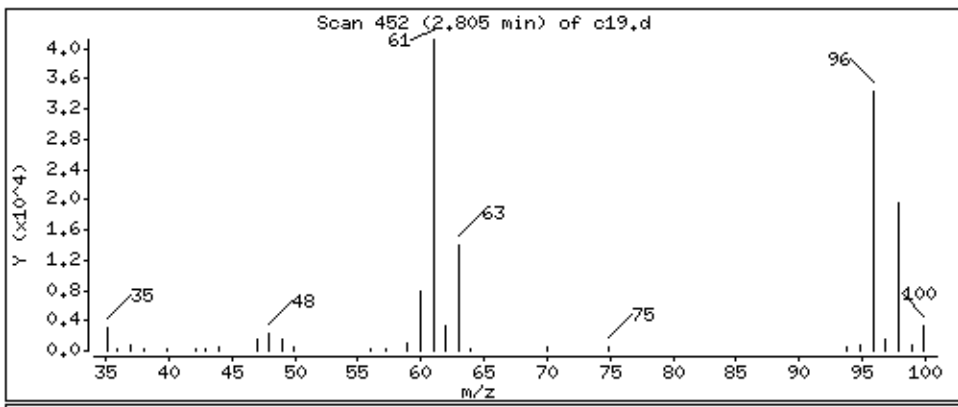
Column phase: DB-624

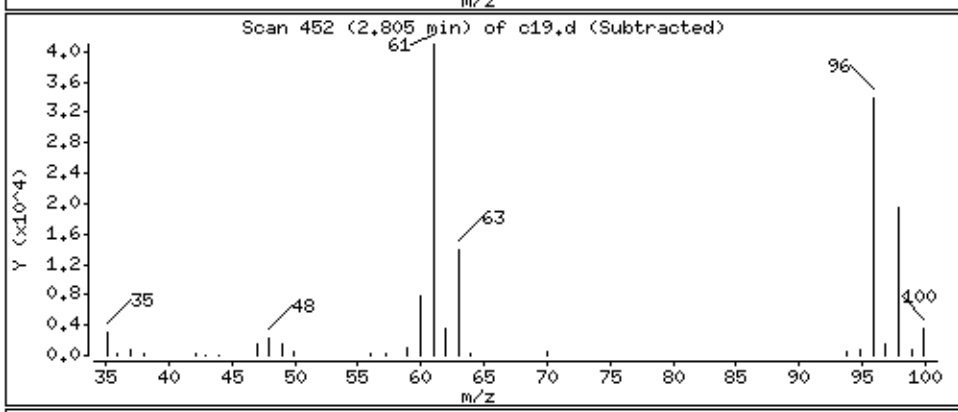
Column diameter: 0.18

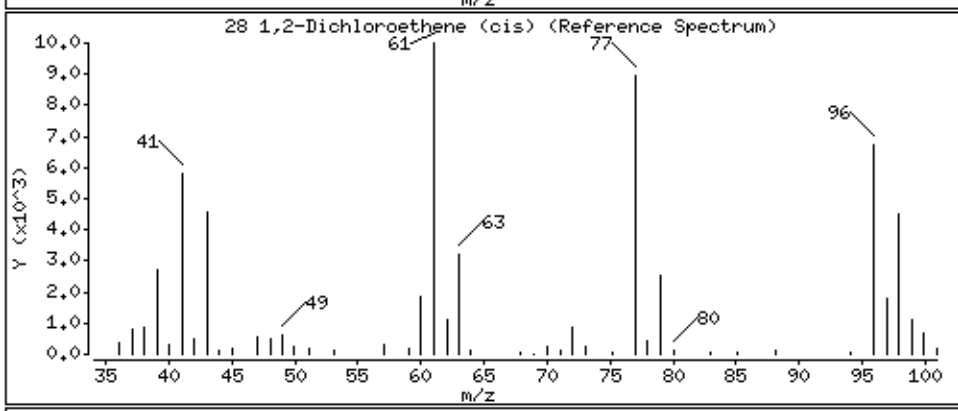
28 1,2-Dichloroethene (cis)

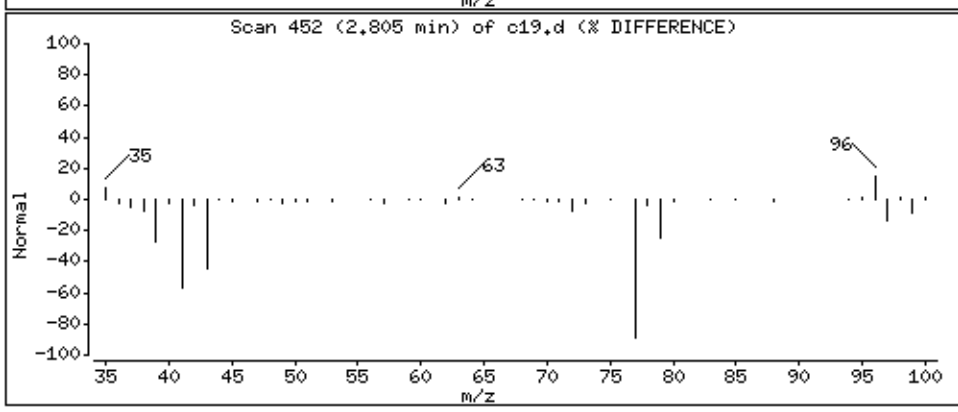
Concentration: 369 ppb

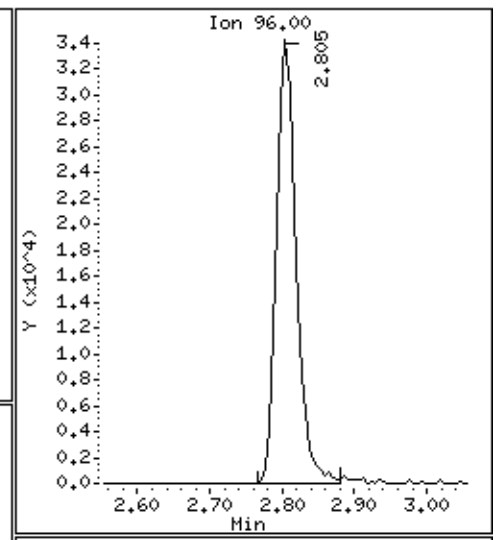
Review Code:

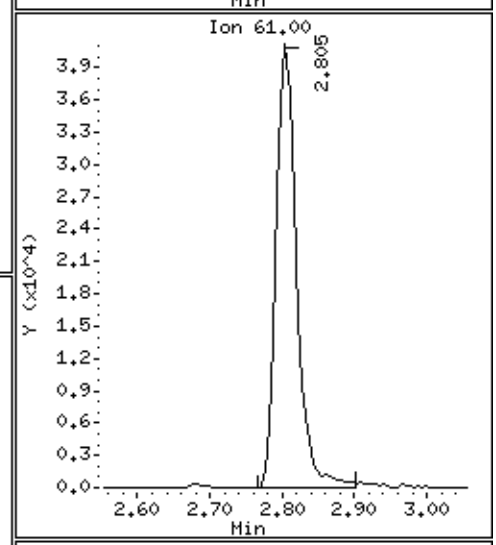


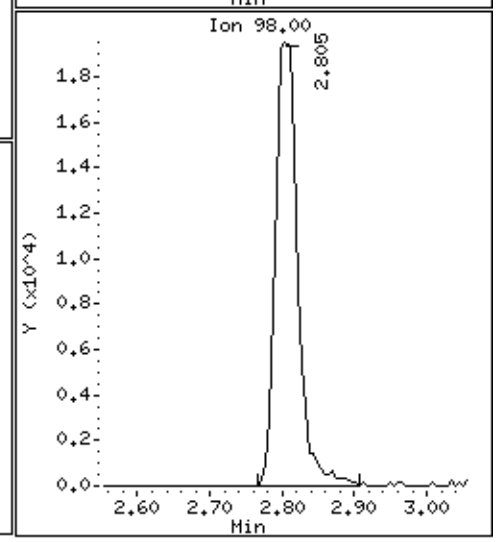












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

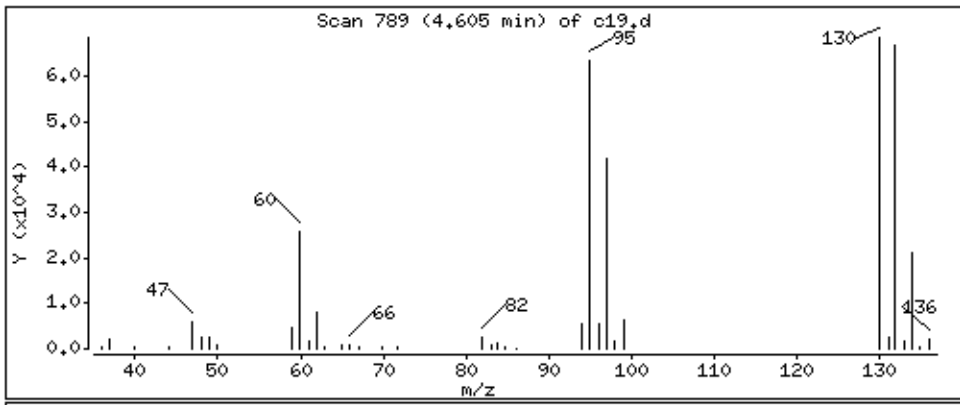
Column phase: DB-624

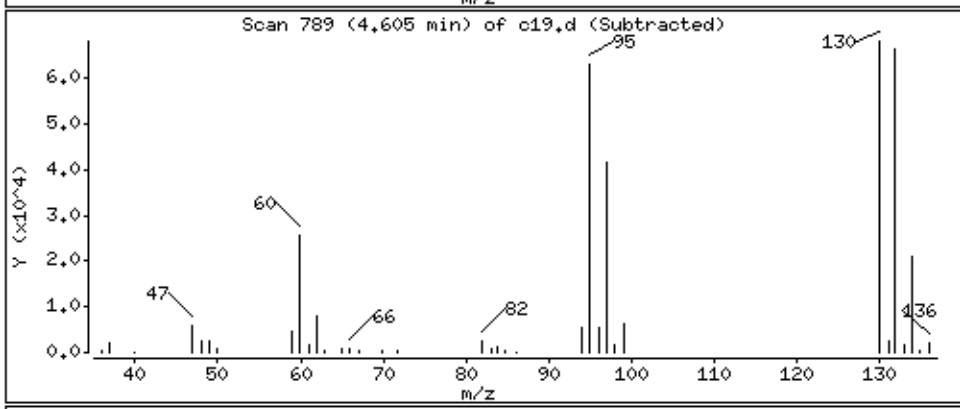
Column diameter: 0.18

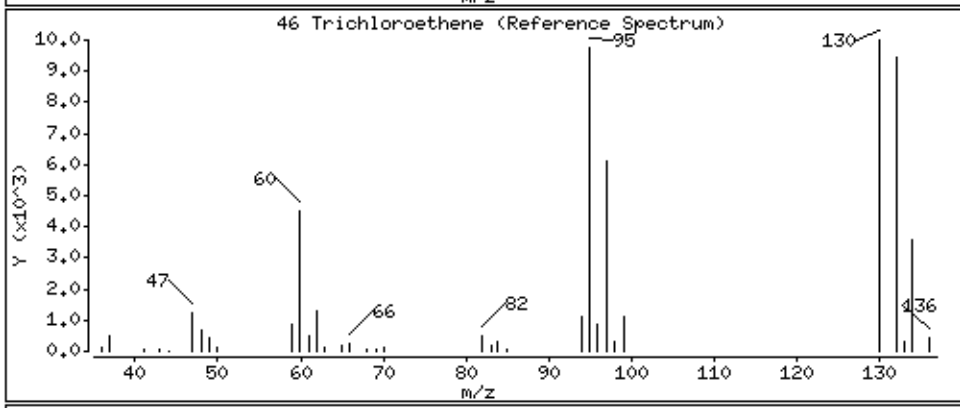
46 Trichloroethene

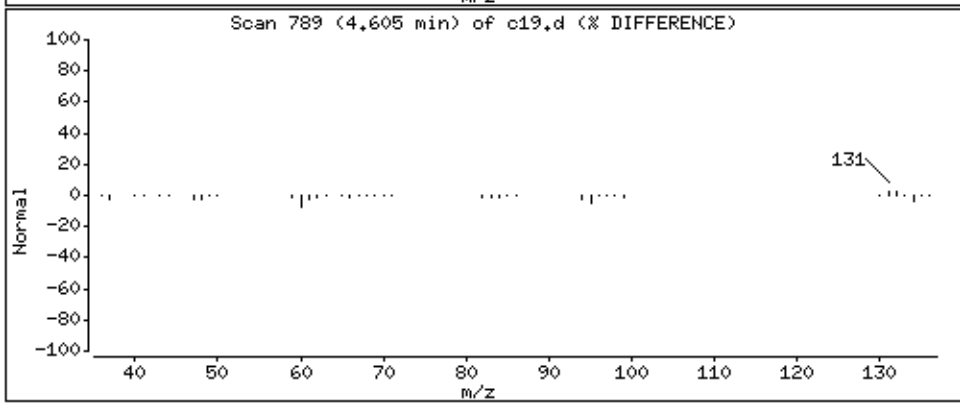
Concentration: 823 ppb

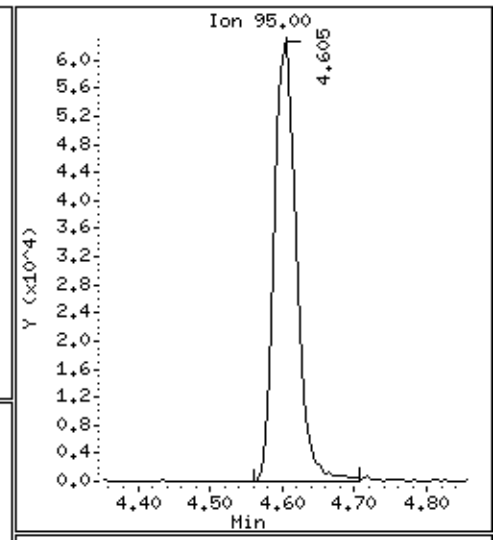
Review Code:

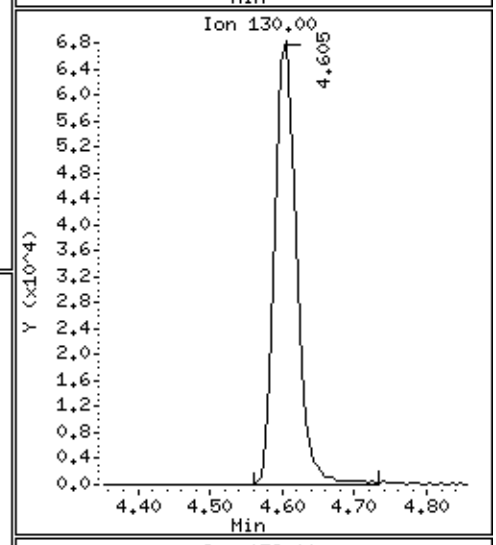


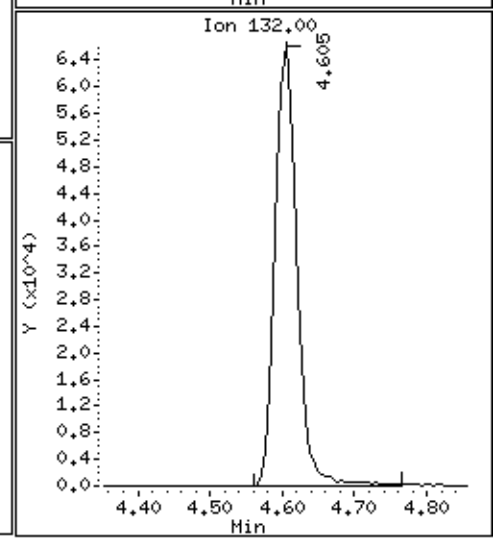












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

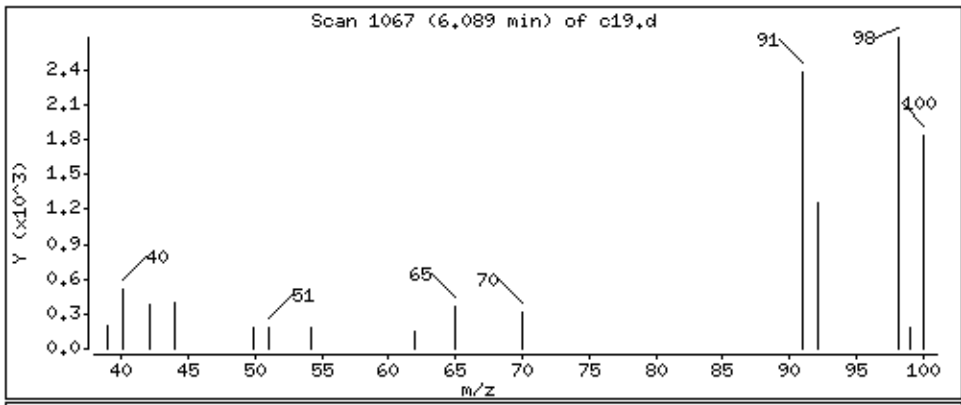
Column phase: DB-624

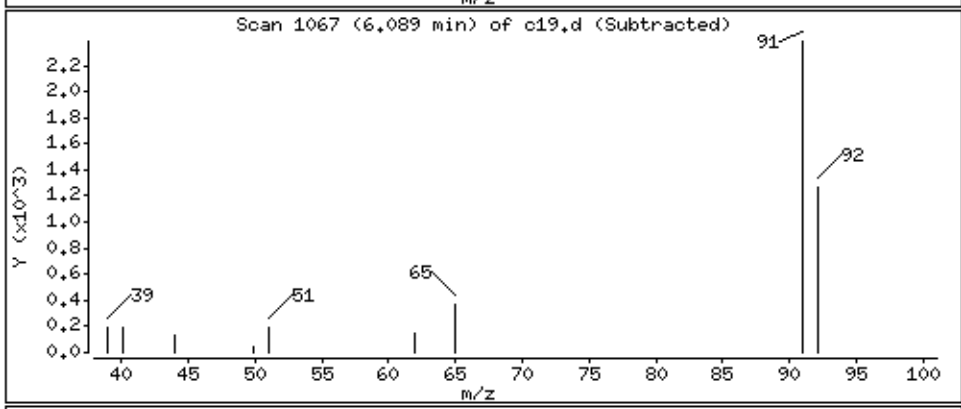
Column diameter: 0.18

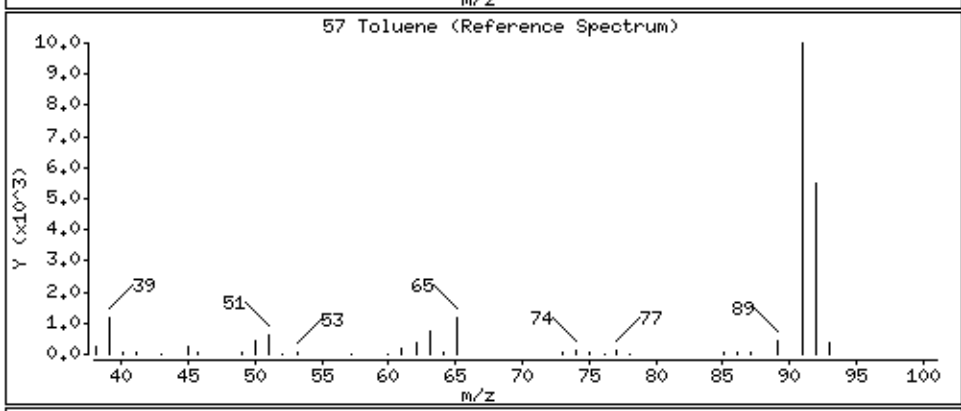
57 Toluene

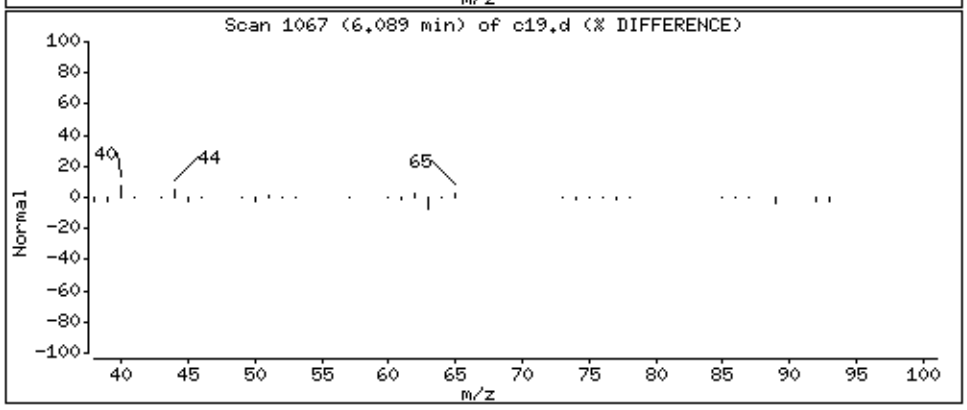
Concentration: 5.48 ppb

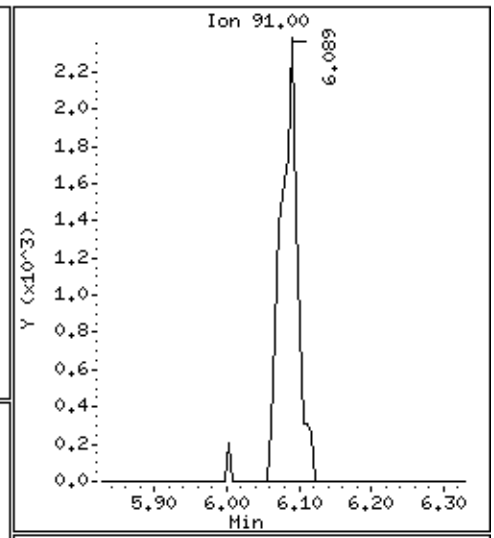
Review Code:

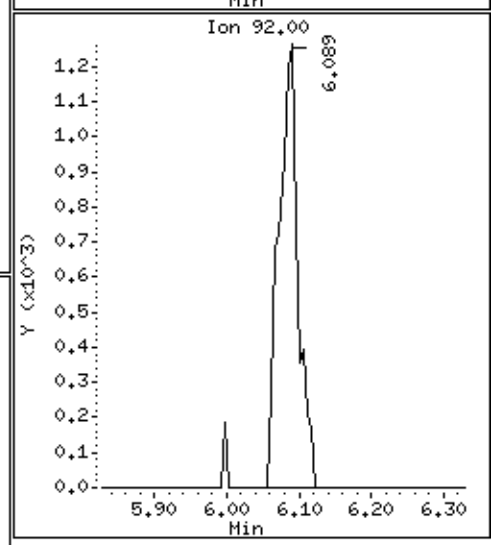












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c19.d

Date : 10-OCT-2017 08:36

Client ID:

Instrument: 50mv3a.i

Sample Info: 50180760016x25

Purge Volume: 5.0

Operator: jlz

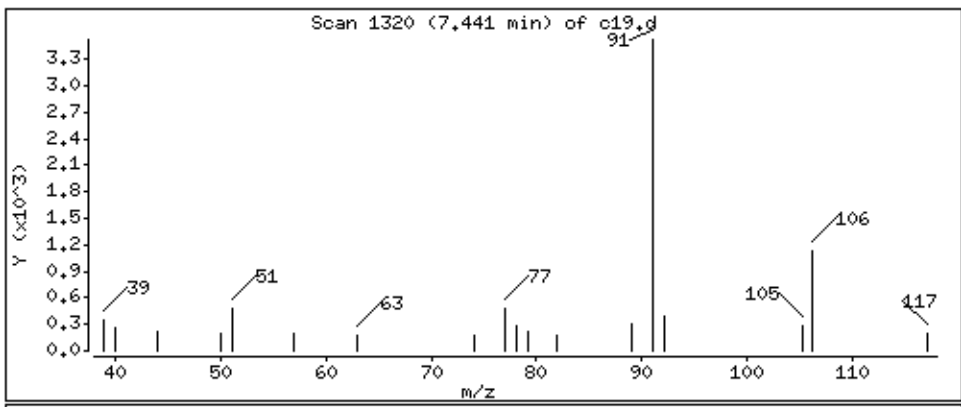
Column phase: DB-624

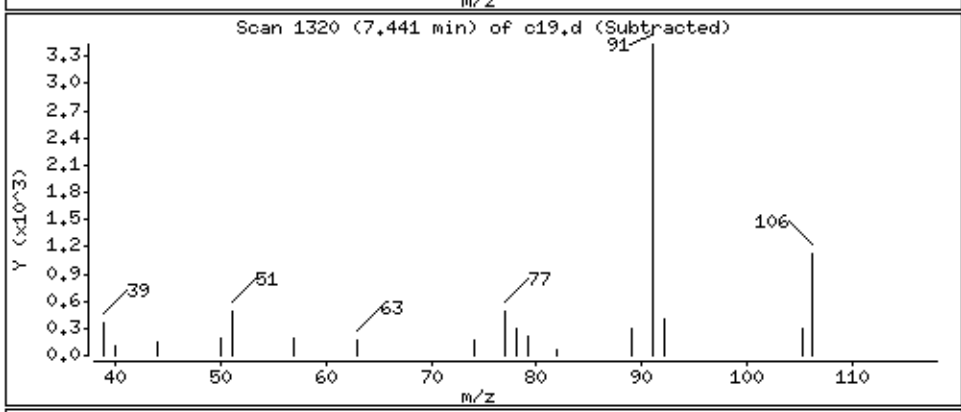
Column diameter: 0.18

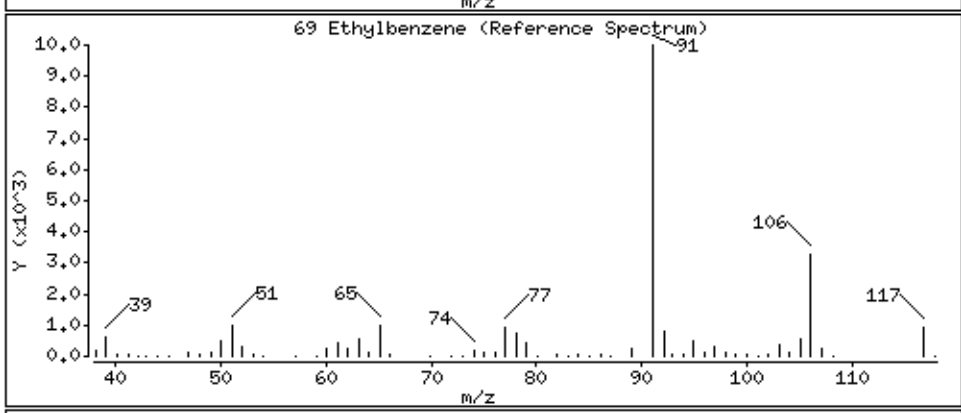
69 Ethylbenzene

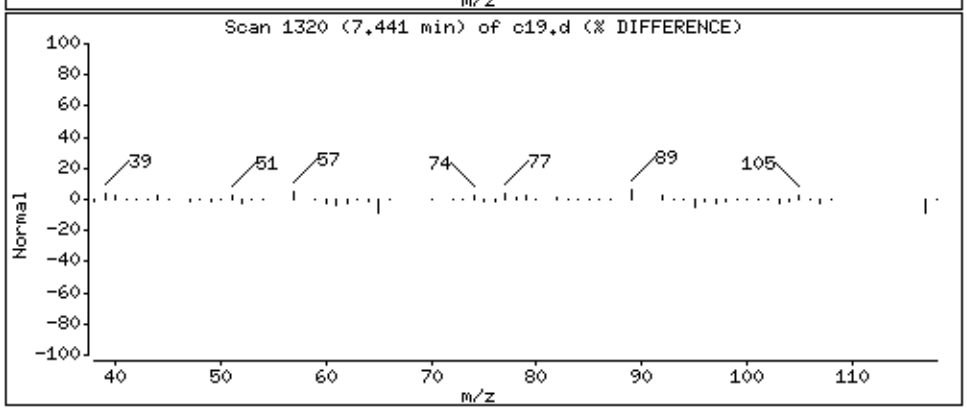
Concentration: 6.12 ppb

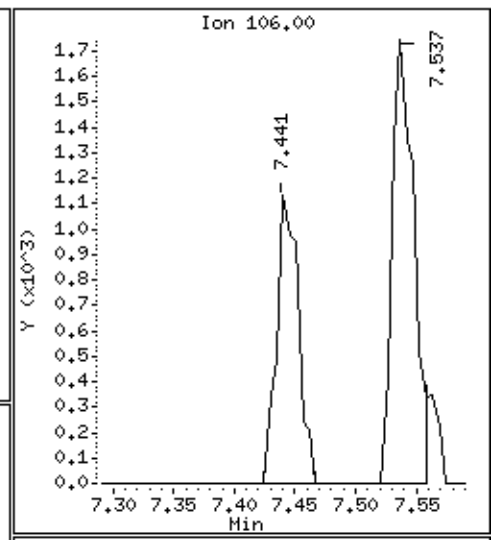
Review Code:

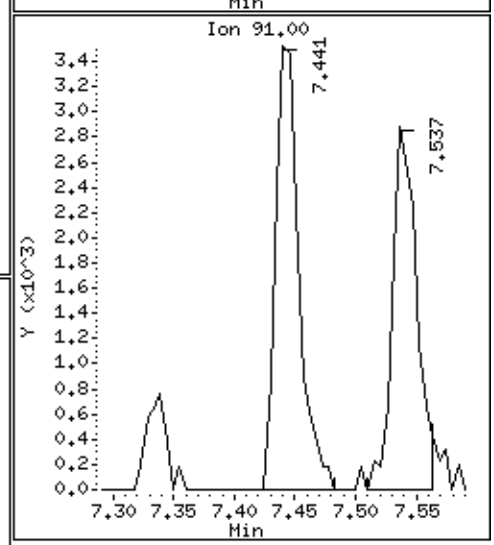












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/c19.d
Injection Date: 10-OCT-2017 08:36
Instrument: 50mv3a.i
Lab Sample ID: 50180760016
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0620-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 17:45 Lab Sample ID: 50180760016

Date Analyzed: 10/10/2017 17:45 Lab File ID: B101017.B\B12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	U

SAMPLE NO.

MW-0620-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 17:45 Lab Sample ID: 50180760016

Date Analyzed: 10/10/2017 17:45 Lab File ID: B101017.B\B12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d
Lab Smp Id: 50180760016
Inj Date : 10-OCT-2017 17:45
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760016
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.616	1.609	(0.388)	5702	23.3775	23.4	
	22 1,2-Dichloroethene (trans)	96	2.048	2.041	(0.492)	2837	1.59838	1.60	
	28 1,2-Dichloroethene (cis)	96	2.818	2.816	(0.677)	764028	409.736	410(Q)	
	34 Chloroform	83	3.170	3.158	(0.761)	4000	1.34091	1.34	
$	35 Dibromofluoromethane (S)	113	3.336	3.334	(0.801)	64442	49.0975	49.1	
*	44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	272549	50.0000		
	45 Trichloroethene	95	4.617	4.610	(1.109)	1573896	857.452	857	
$	55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	277772	48.3932	48.4	
	56 Toluene	91	6.097	6.084	(0.831)	2530	0.30798	0.308	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	217452	50.0000		
$	74 4-Bromofluorobenzene (S)	95	8.153	8.157	(1.111)	98529	45.6874	45.7	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	112892	50.0000		

QC Flag Legend

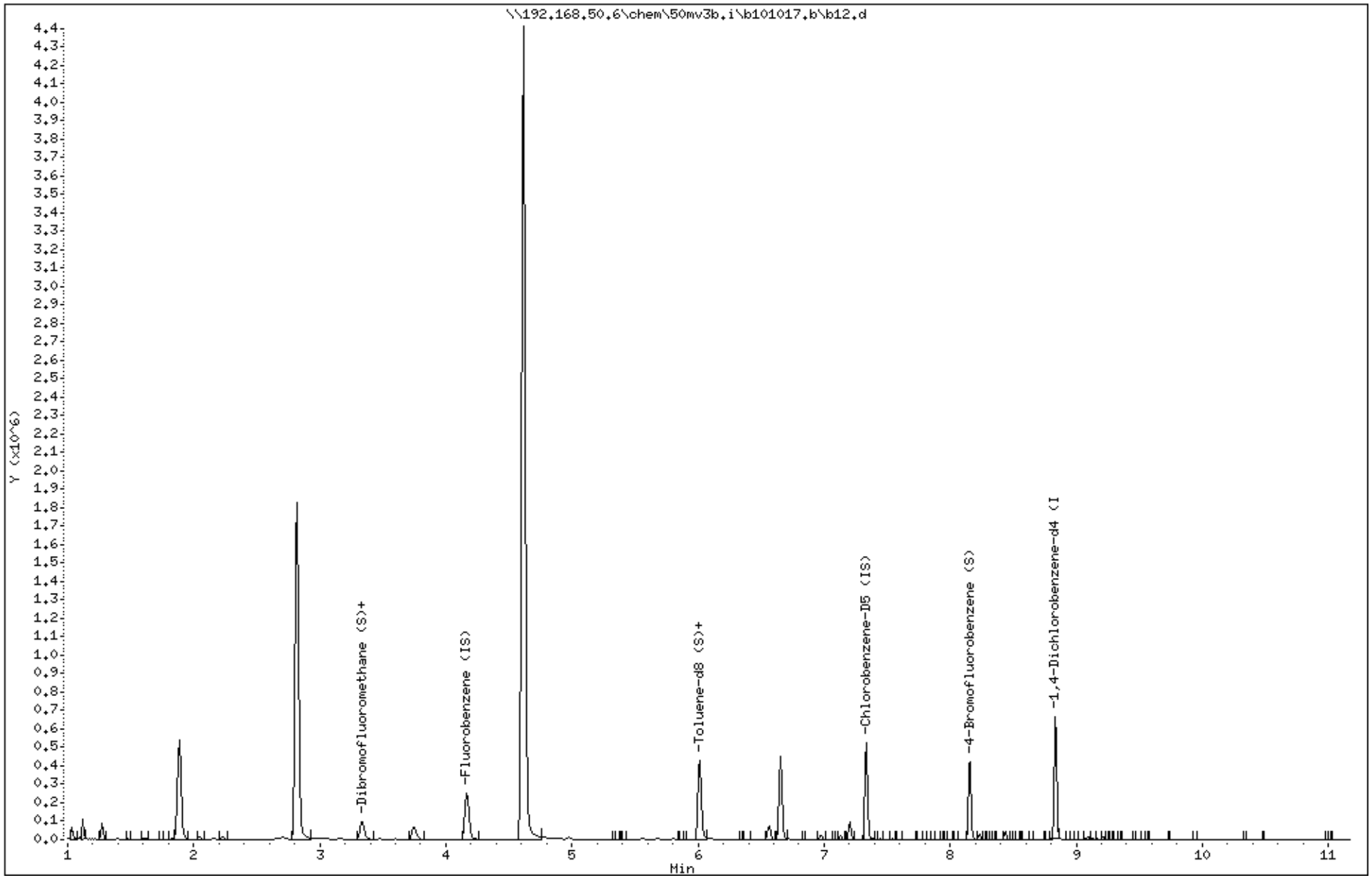
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d
Date : 10-OCT-2017 17:45
Client ID:
Sample Info: 50180760016
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

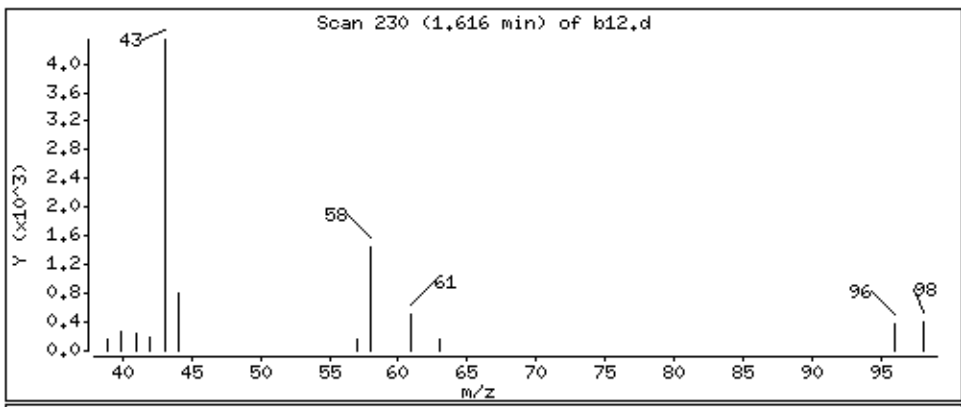
Column phase: DB-624

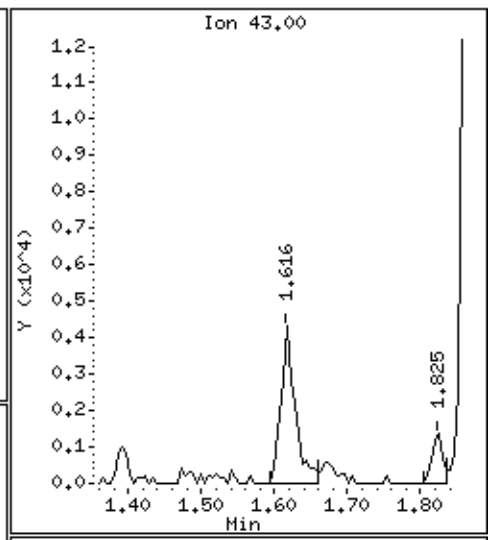
Column diameter: 0.18

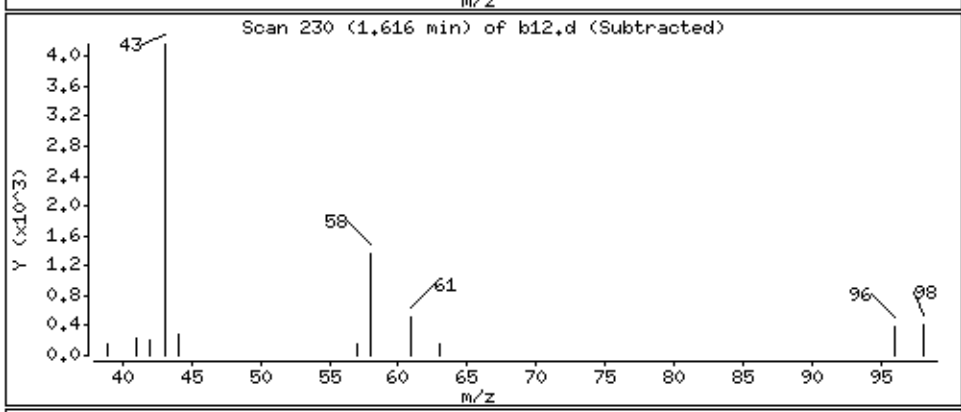
12 Acetone

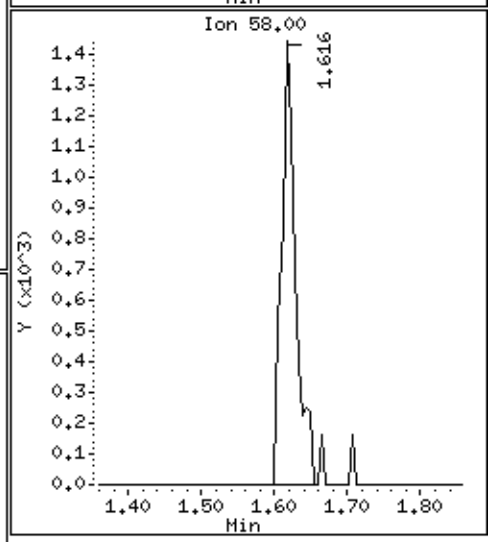
Concentration: 23.4 ppb

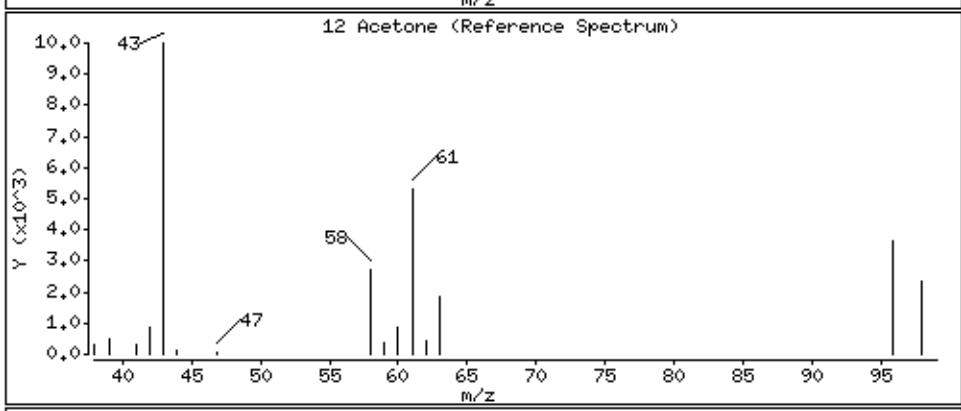
Review Code:

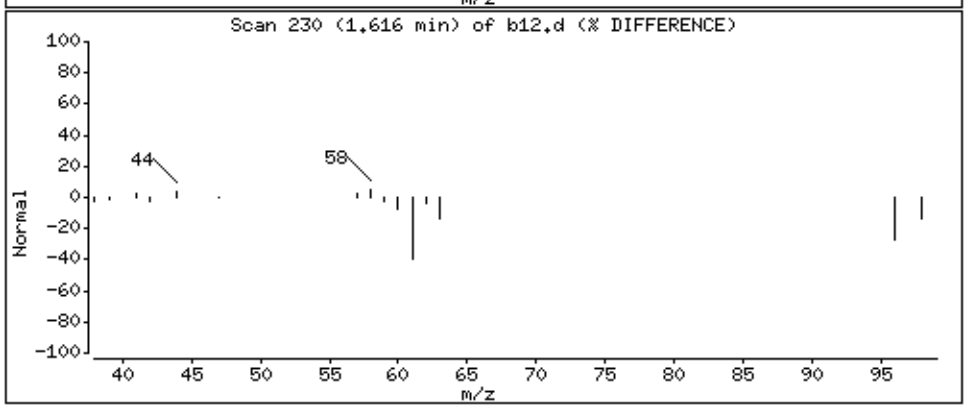












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

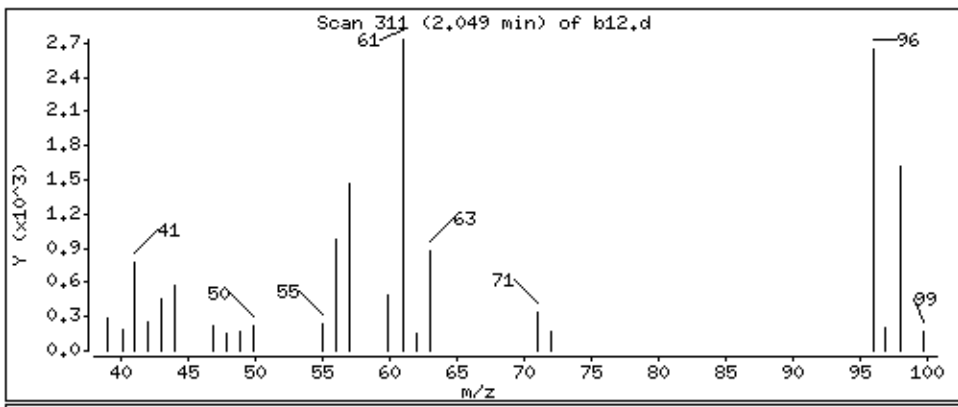
Column phase: DB-624

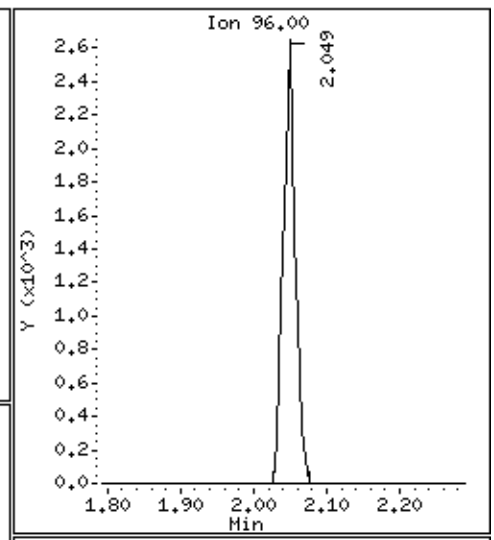
Column diameter: 0.18

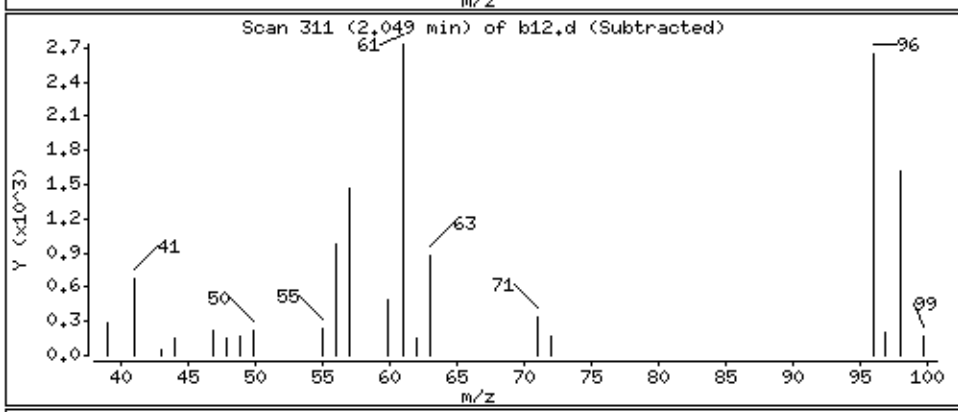
22 1,2-Dichloroethene (trans)

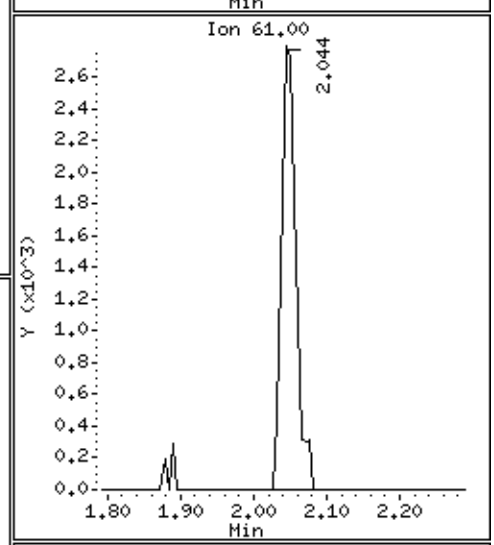
Concentration: 1.60 ppb

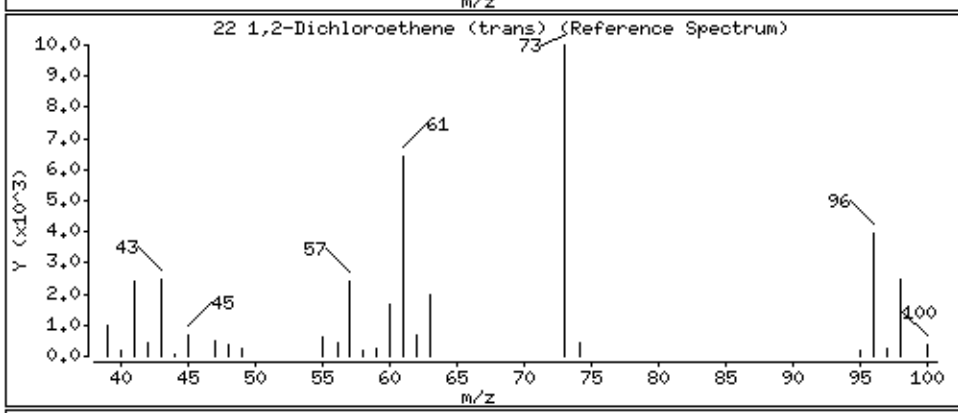
Review Code:

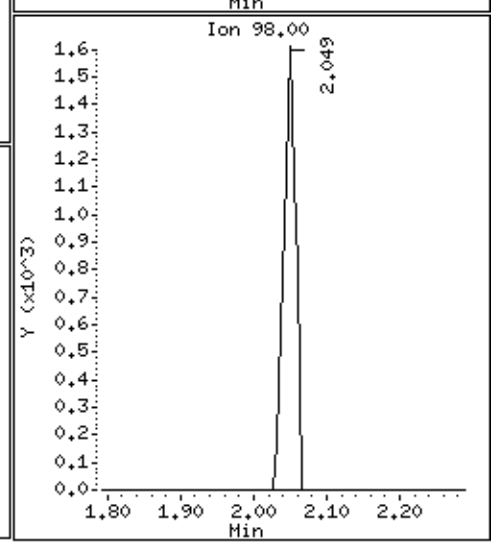


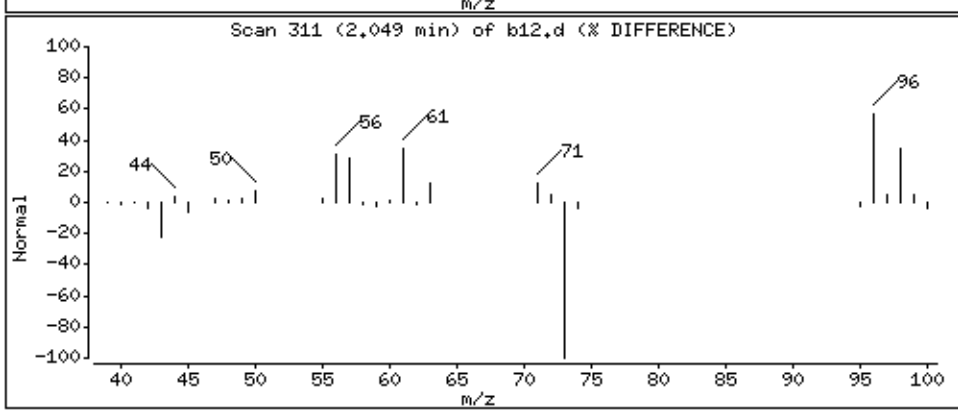












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

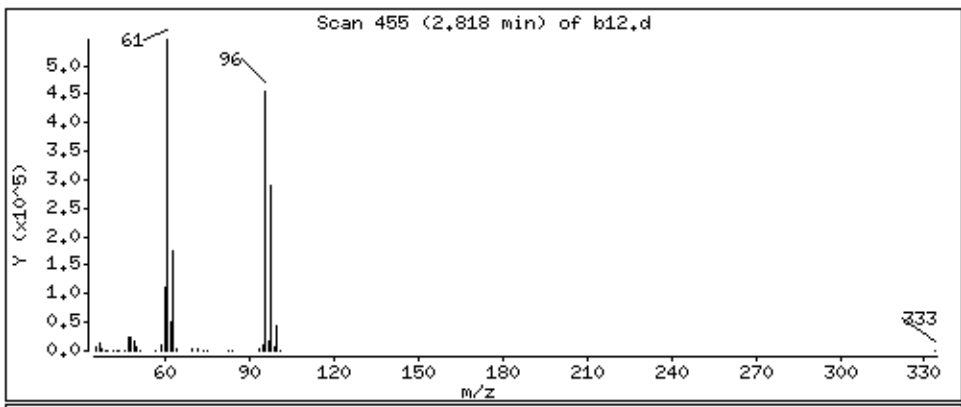
Column phase: DB-624

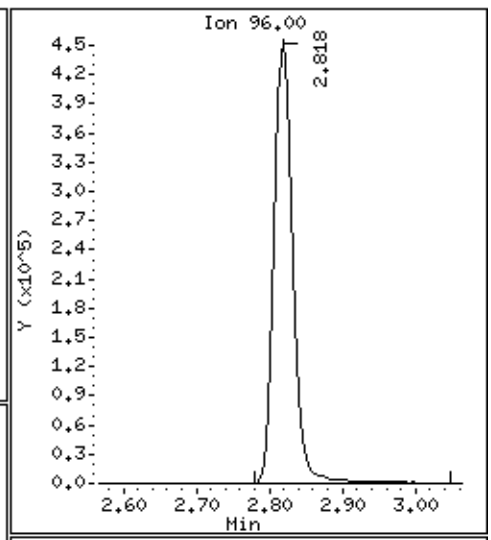
Column diameter: 0.18

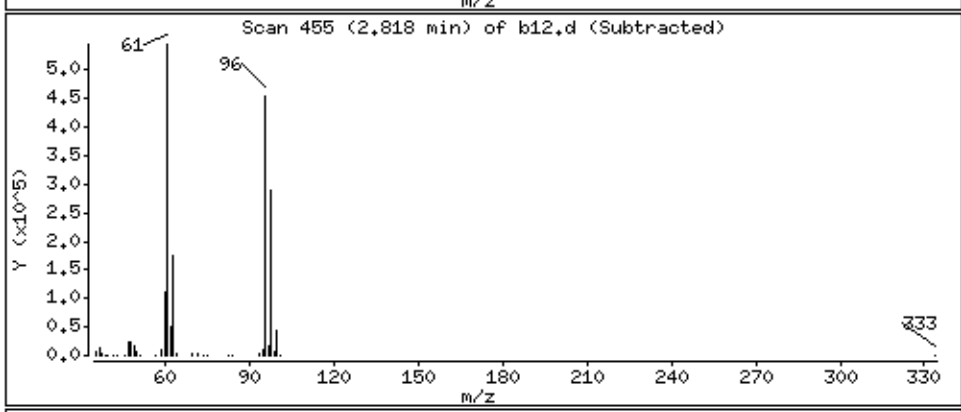
28 1,2-Dichloroethene (cis)

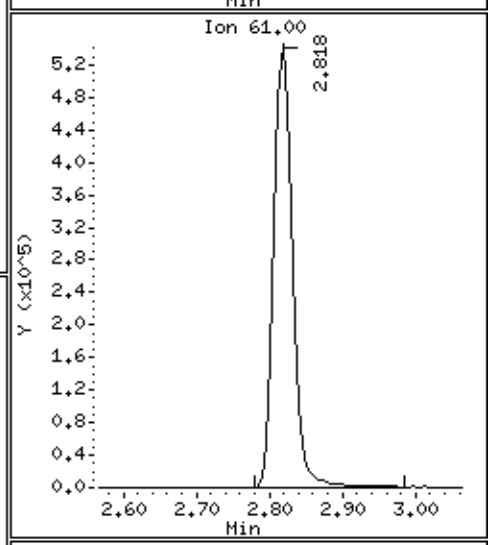
Concentration: 410 ppb

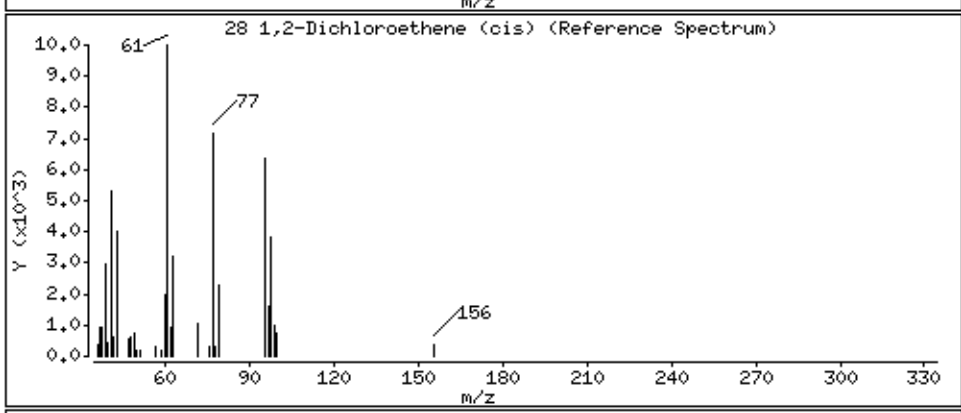
Review Code:

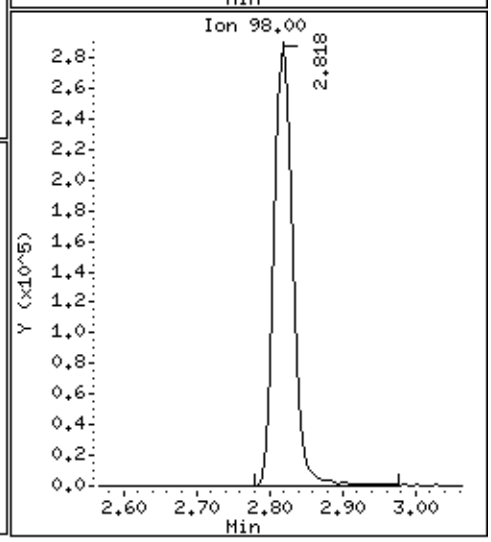


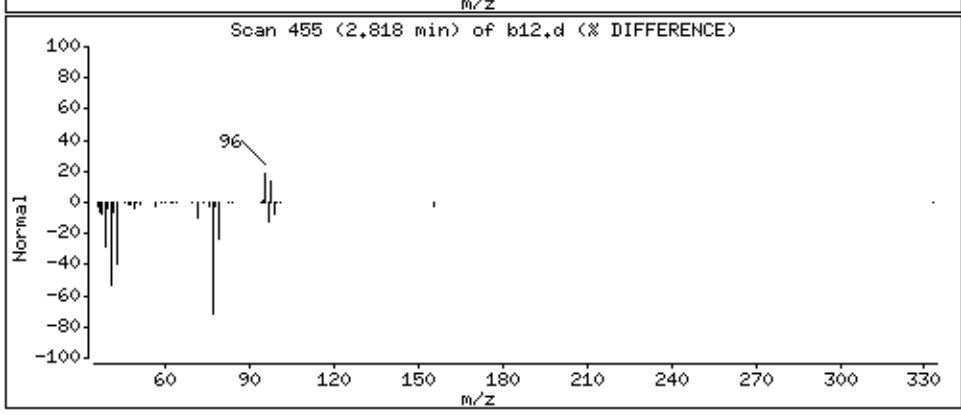












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

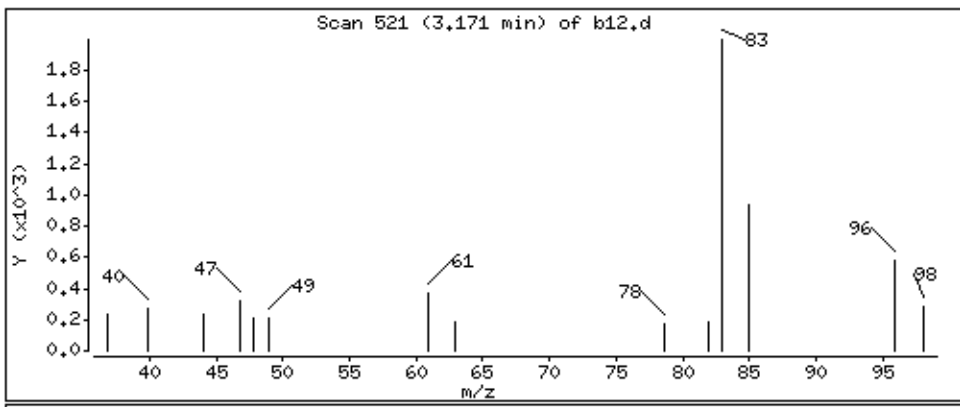
Column phase: DB-624

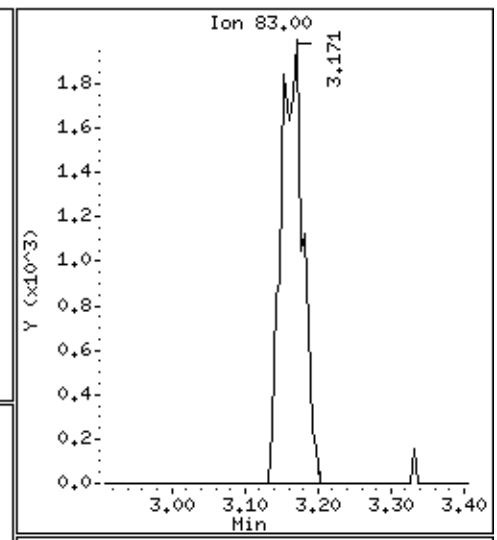
Column diameter: 0.18

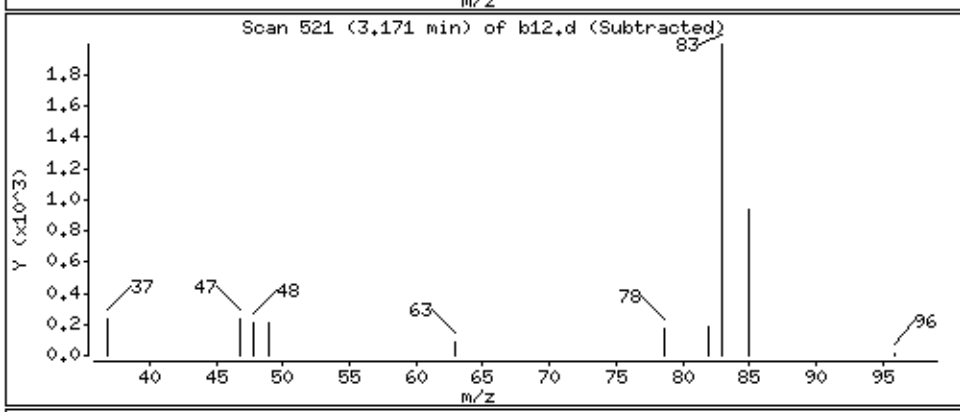
34 Chloroform

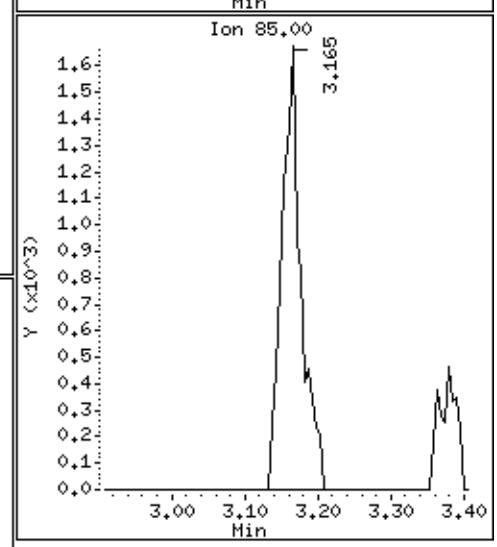
Concentration: 1.34 ppb

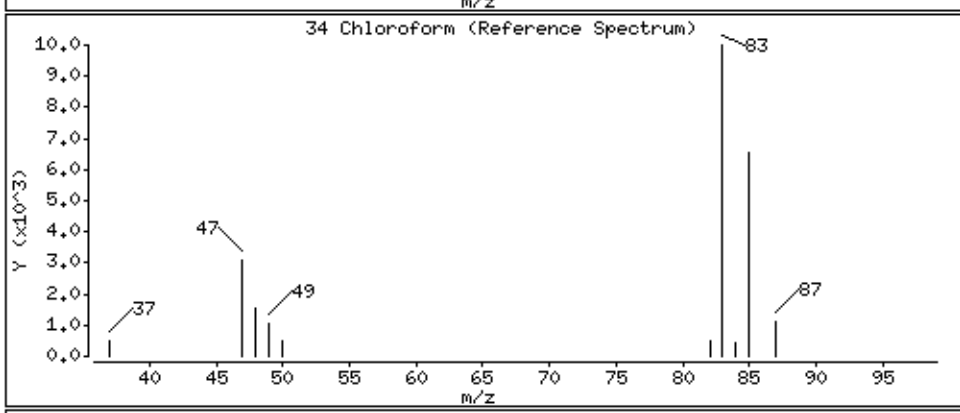
Review Code:

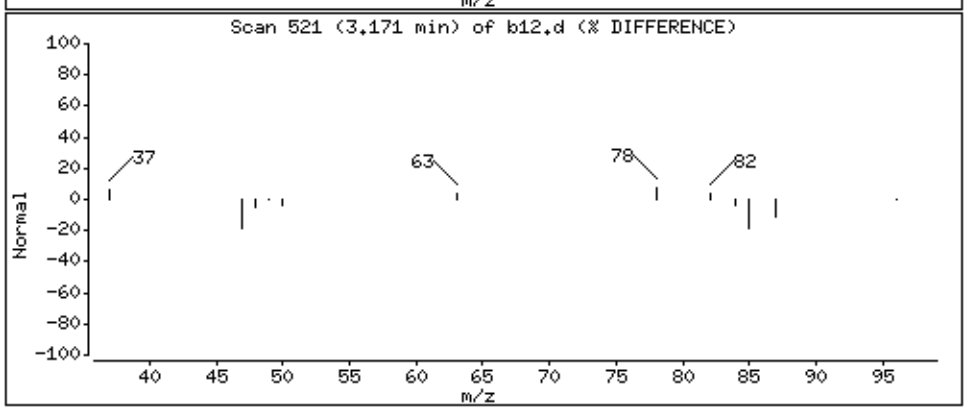












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

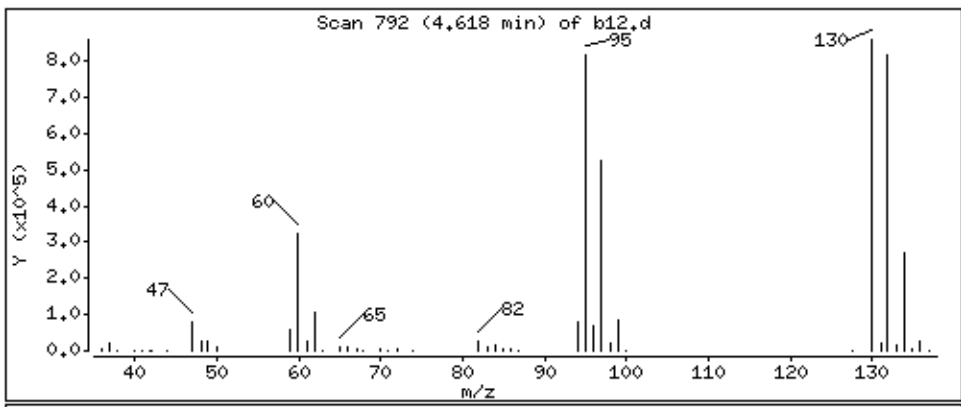
Column phase: DB-624

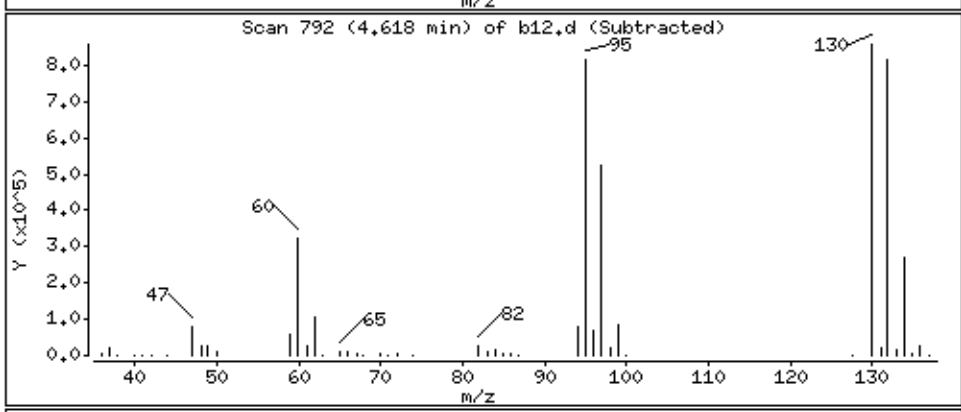
Column diameter: 0.18

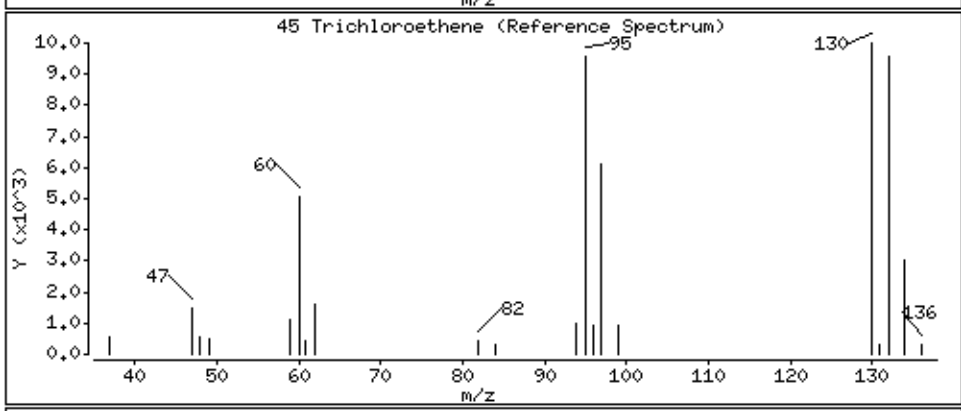
45 Trichloroethene

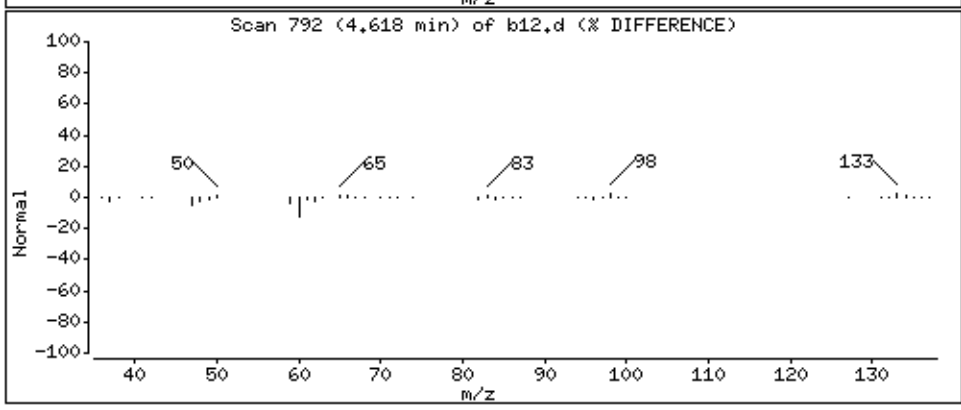
Concentration: 857 ppb

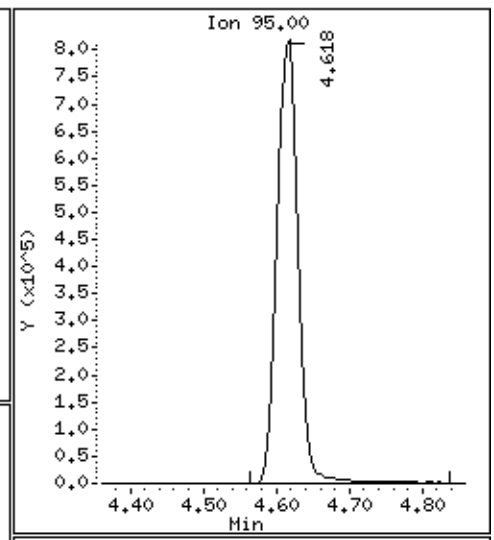
Review Code:

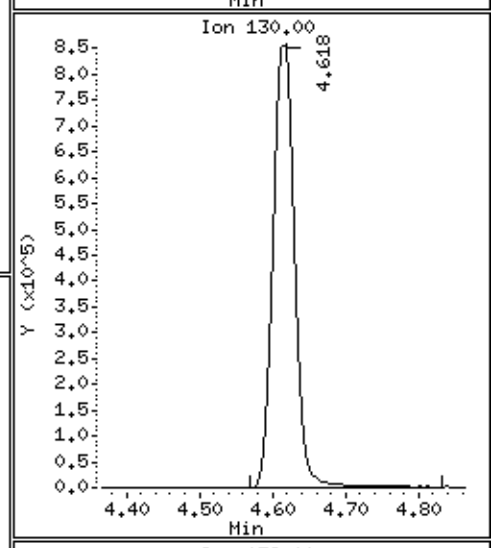


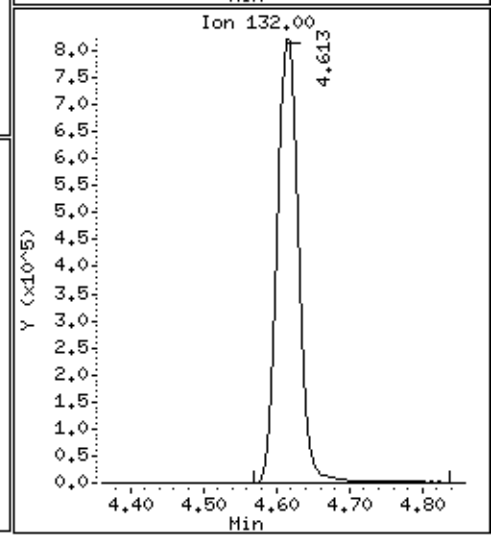












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b12.d

Date : 10-OCT-2017 17:45

Client ID:

Instrument: 50mv3b.i

Sample Info: 50180760016

Purge Volume: 5.0

Operator: jlz

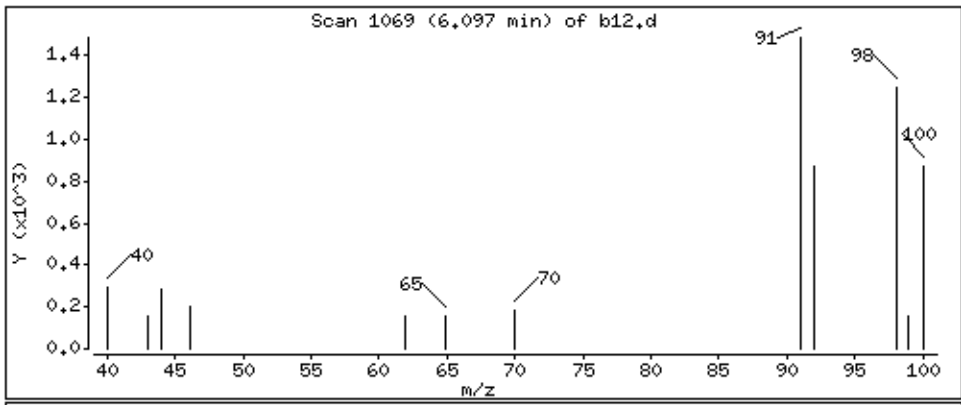
Column phase: DB-624

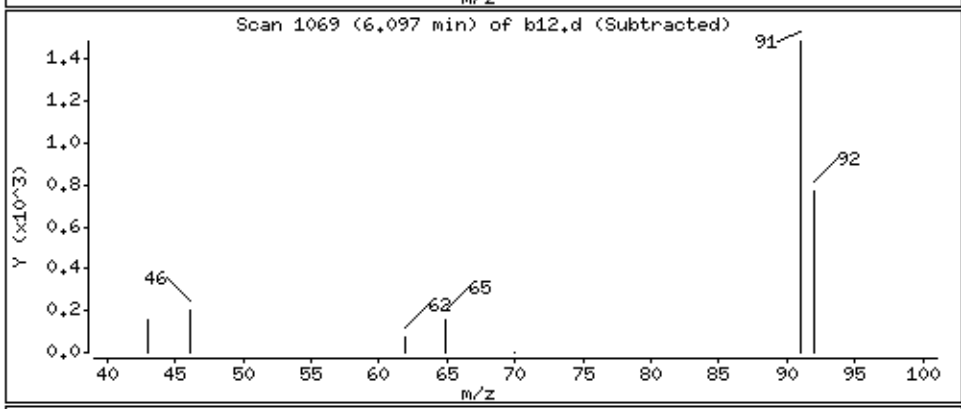
Column diameter: 0.18

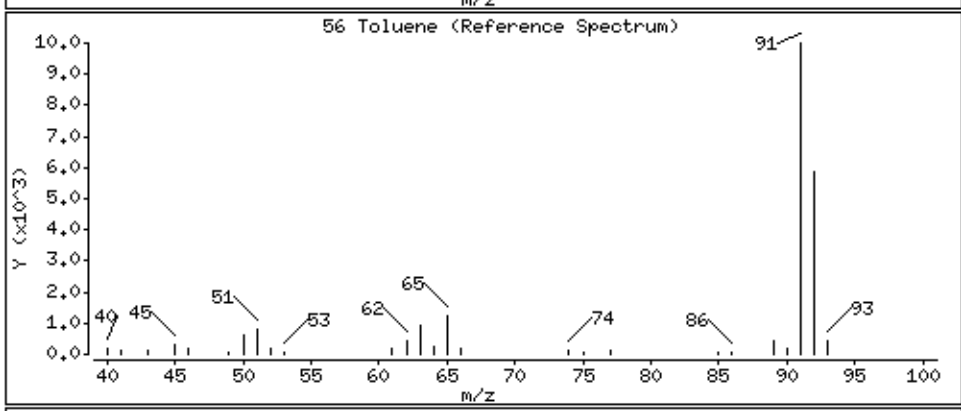
56 Toluene

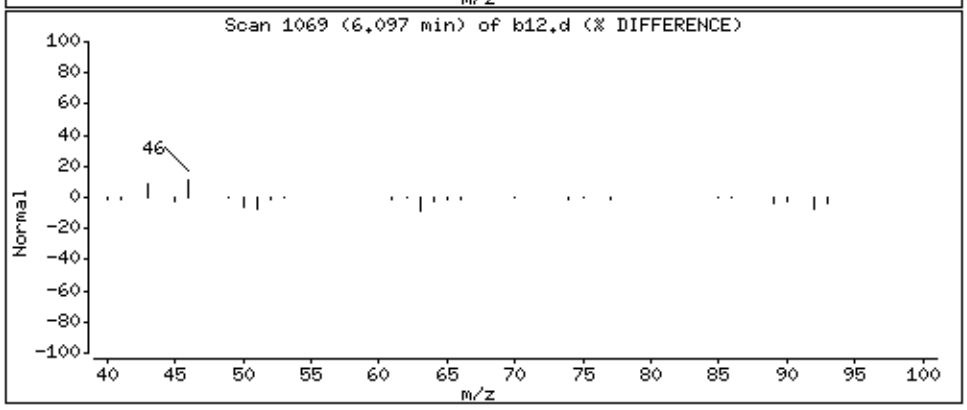
Concentration: 0.308 ppb

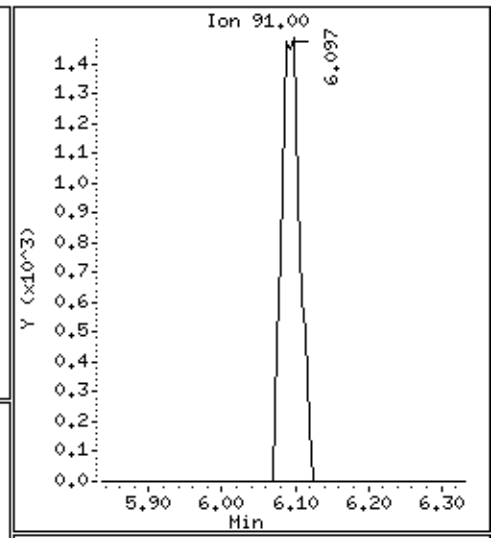
Review Code:

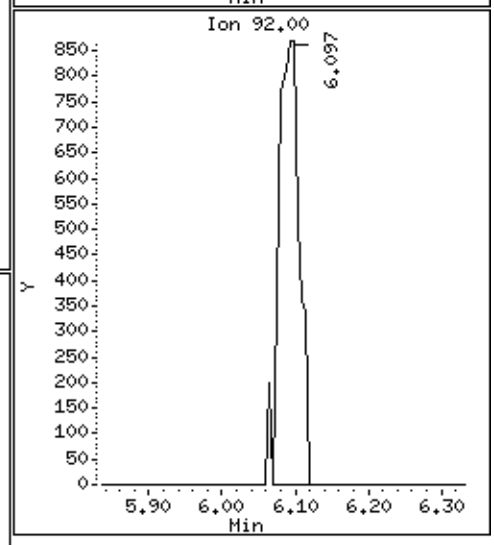












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b12.d
Injection Date: 10-OCT-2017 17:45
Instrument: 50mv3b.i
Lab Sample ID: 50180760016
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0102-S1U (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 09:08 Lab Sample ID: 50180760017

Date Analyzed: 10/10/2017 09:08 Lab File ID: A100917.B\C20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 50 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	3470	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d
Lab Smp Id: 50180760017 Client Smp ID: MW-0102-S1U (092717
Inj Date : 10-OCT-2017 09:08
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760017x50
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 87
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	50.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.033	1.035	(0.249)	1411	0.27924	14.0(Q)	
	7 Diethyl ether	74	1.461	1.462	(0.352)	3338	1.54560	77.3	
	15 Methyl Acetate	43	1.765	1.767	(0.426)	26988	18.4084	920	
	22 1,2-Dichloroethene (trans)	96	2.027	2.029	(0.489)	7475	1.78297	89.1	
	28 1,2-Dichloroethene (cis)	96	2.807	2.803	(0.677)	98845	22.2976	1110(Q)	
$	35 Dibromofluoromethane (S)	113	3.319	3.316	(0.800)	175108	49.6497	49.6	
*	45 Fluorobenzene (IS)	96	4.147	4.149	(1.000)	714296	50.0000		
	46 Trichloroethene	95	4.601	4.603	(1.109)	288239	69.4994	3470	
$	56 Toluene-d8 (S)	98	6.006	6.008	(0.819)	678631	48.1069	48.1	
	57 Toluene	91	6.081	6.077	(0.829)	3349	0.18869	9.43	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.332	(1.000)	470194	50.0000		
	69 Ethylbenzene	106	7.443	7.439	(1.015)	1193	0.19560	9.78	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.155	(1.111)	187839	48.5607	48.6	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.833	(1.000)	161597	50.0000		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

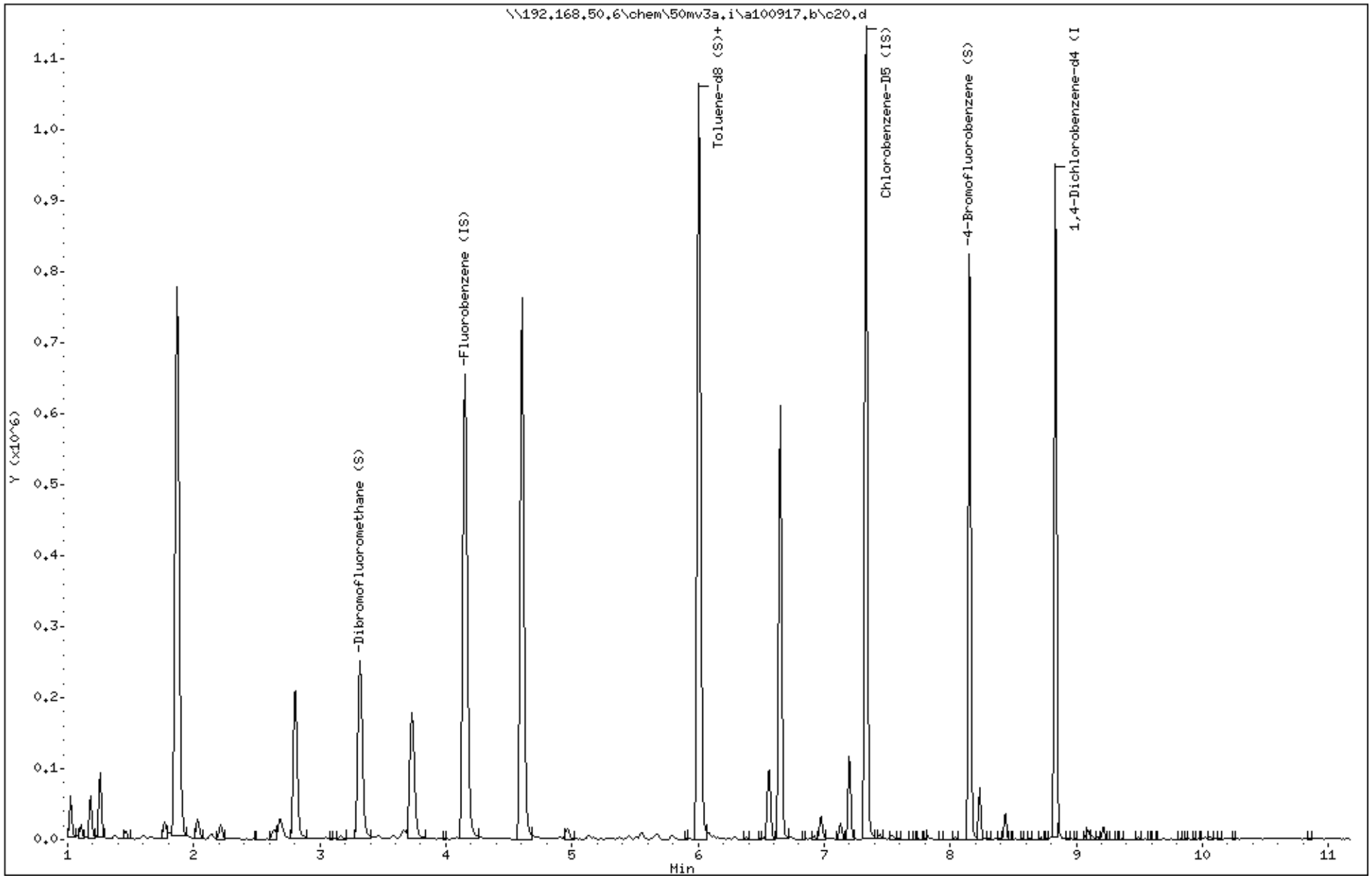
QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d
Date : 10-OCT-2017 09:08
Client ID: MW-0102-S1U (092717
Sample Info: 50180760017x50
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

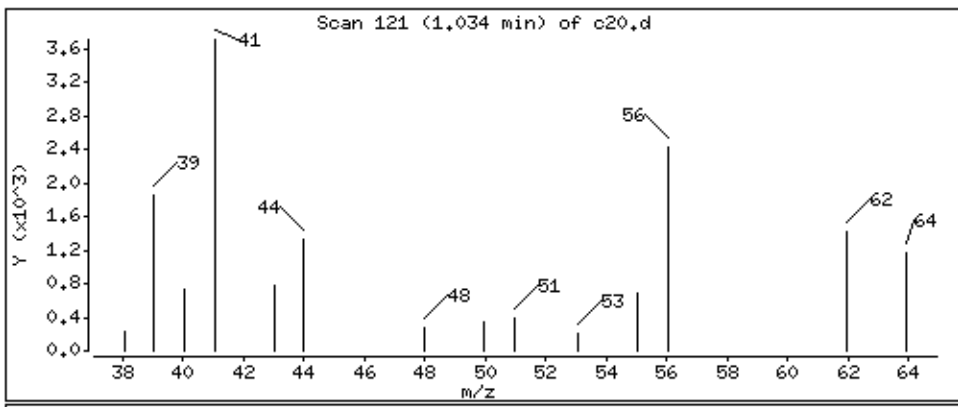
Column phase: DB-624

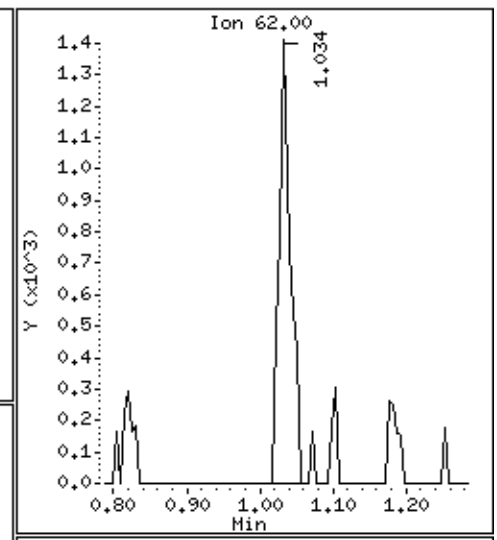
Column diameter: 0.18

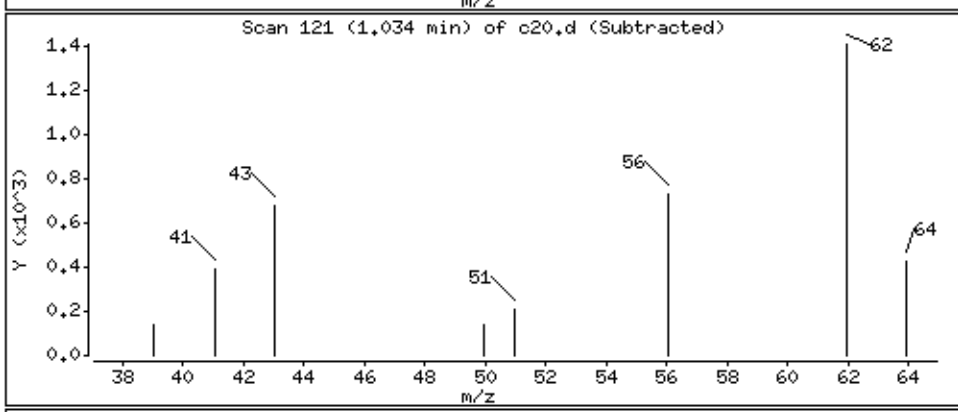
3 Vinyl Chloride

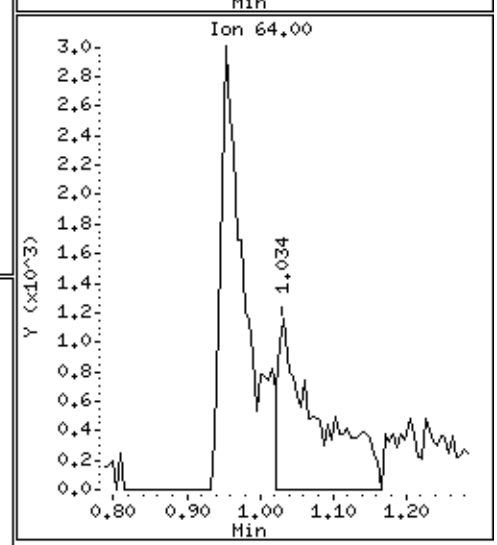
Concentration: 14.0 ppb

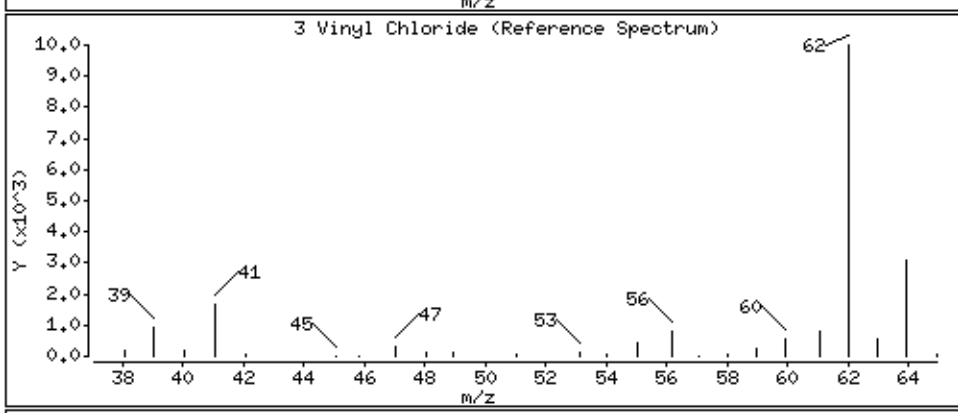
Review Code:

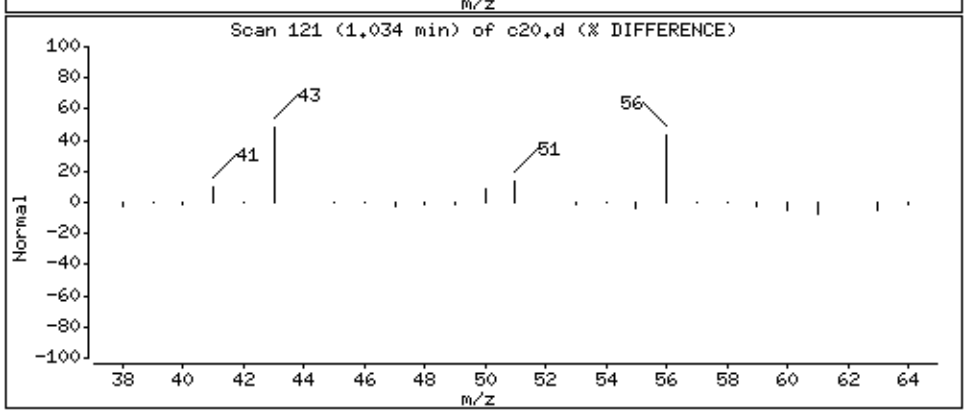












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

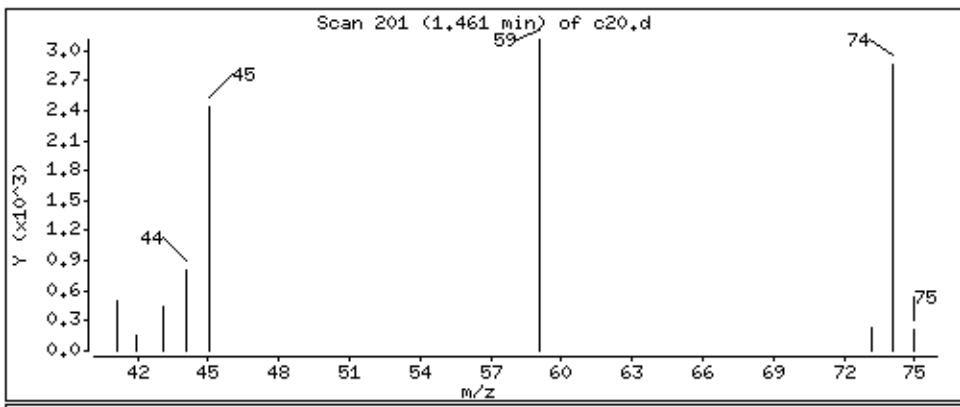
Column phase: DB-624

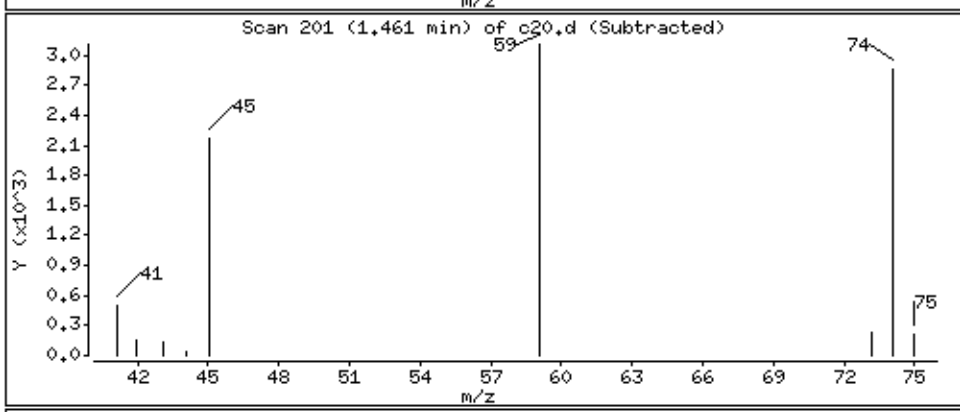
Column diameter: 0.18

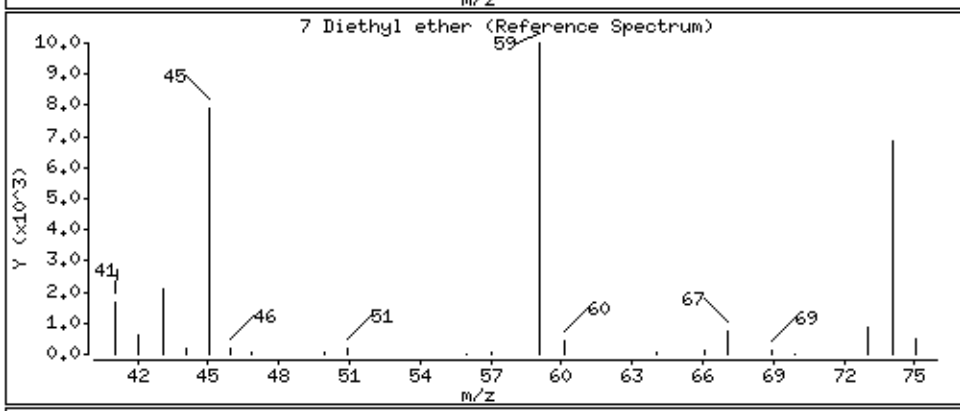
7 Diethyl ether

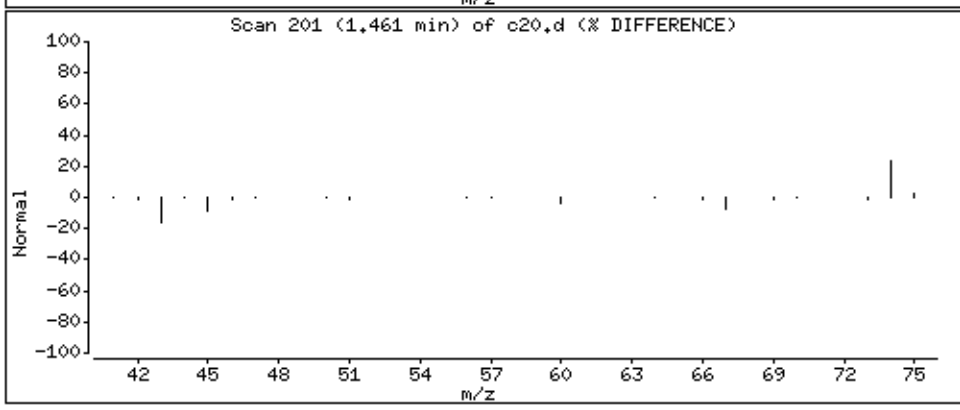
Concentration: 77.3 ppb

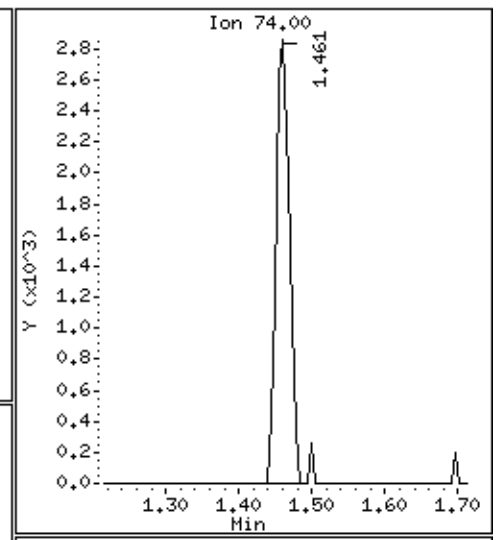
Review Code:

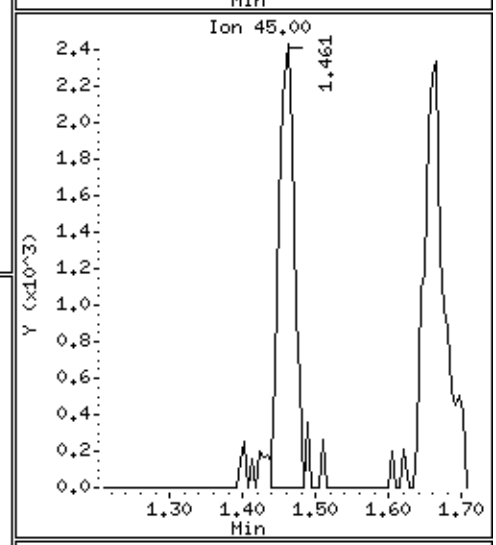


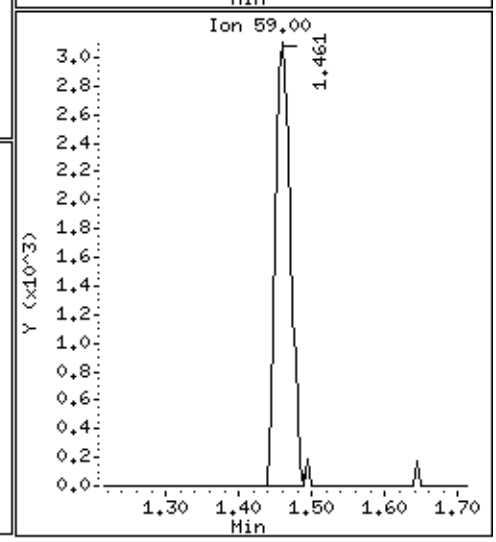












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

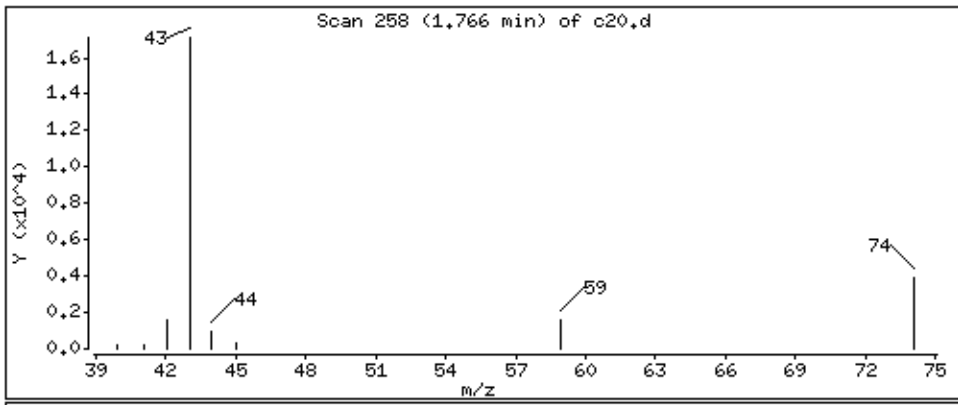
Column phase: DB-624

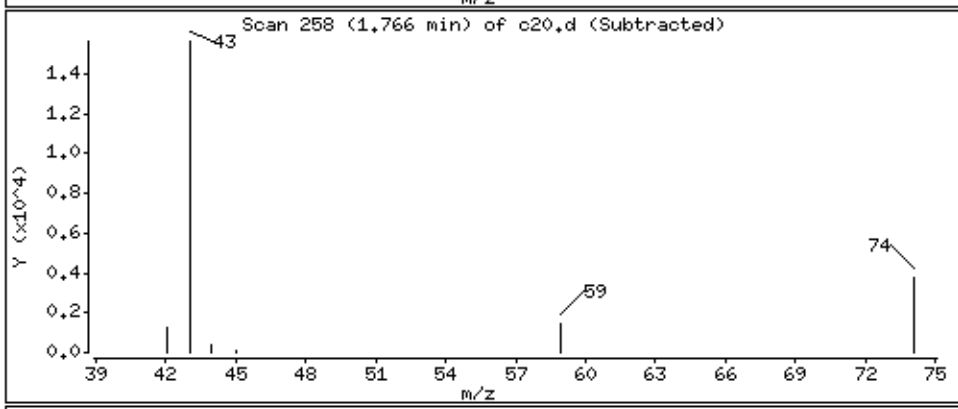
Column diameter: 0.18

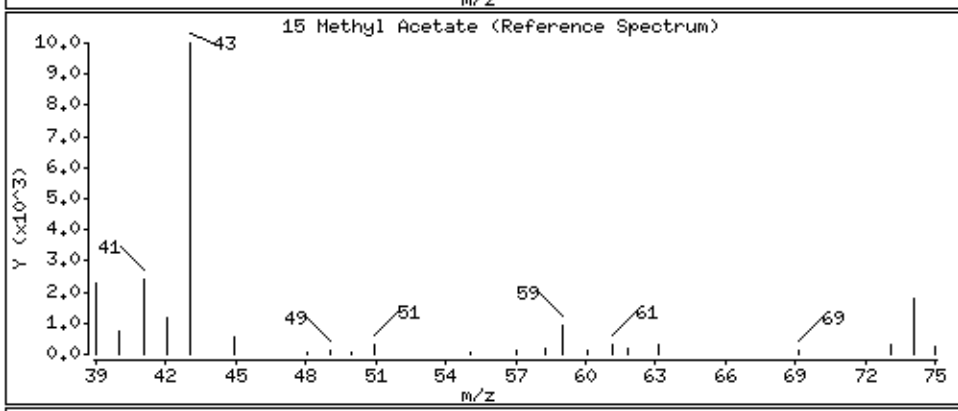
15 Methyl Acetate

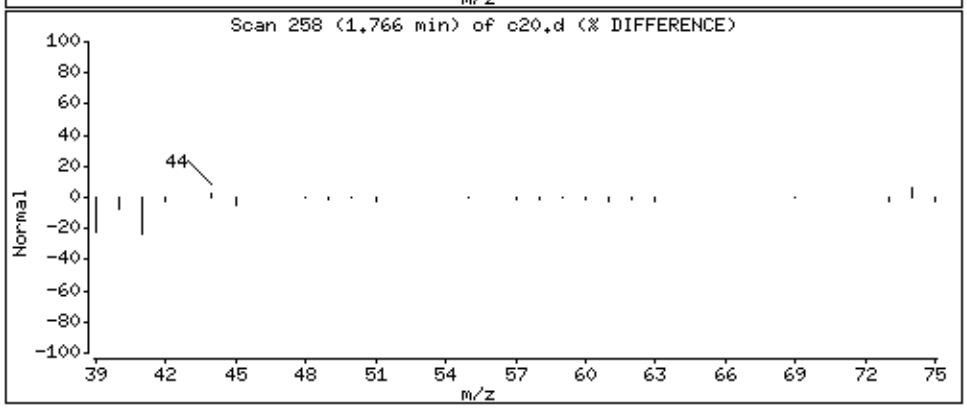
Concentration: 920 ppb

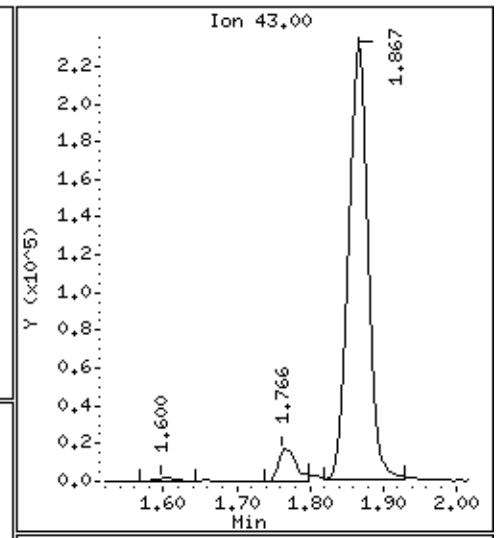
Review Code:

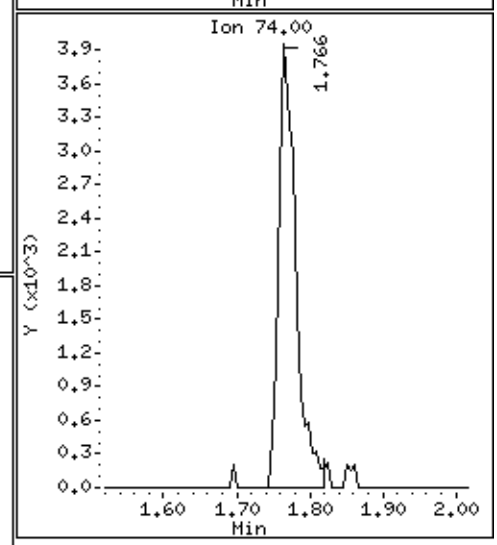












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

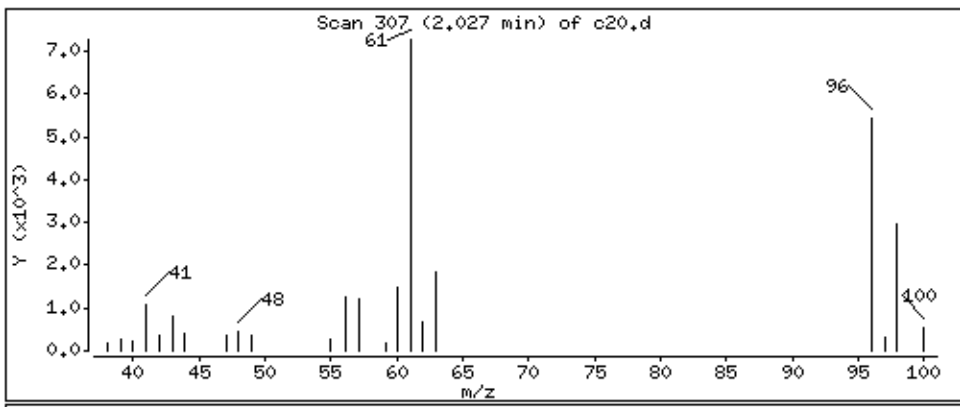
Column phase: DB-624

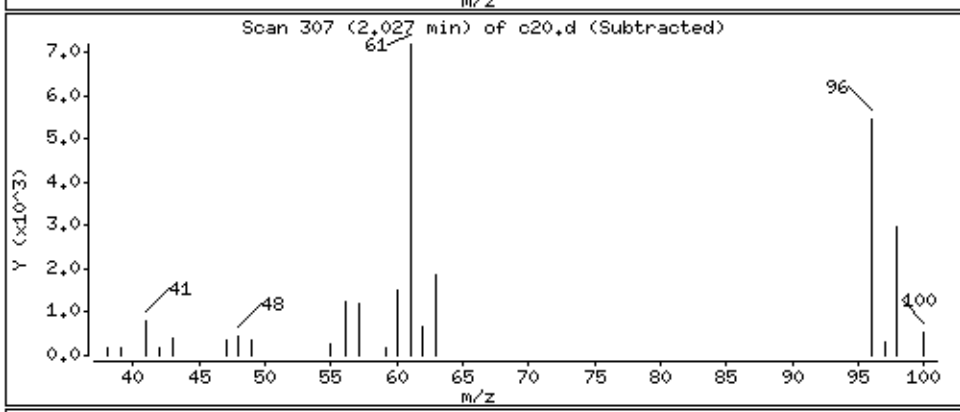
Column diameter: 0.18

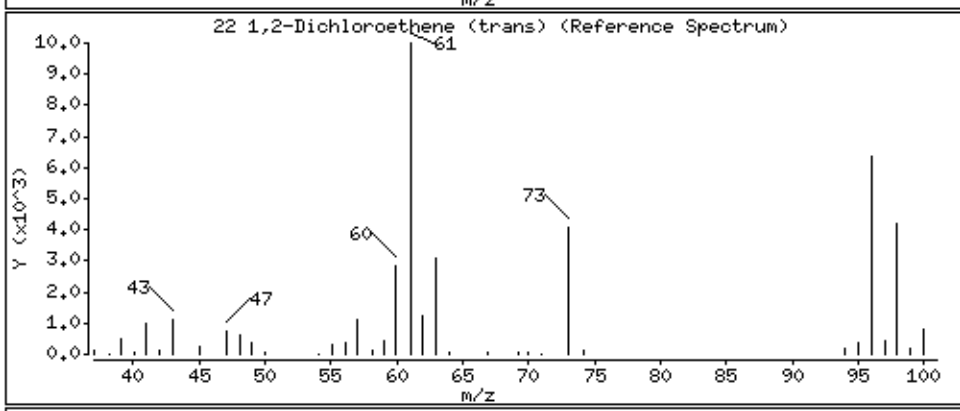
22 1,2-Dichloroethene (trans)

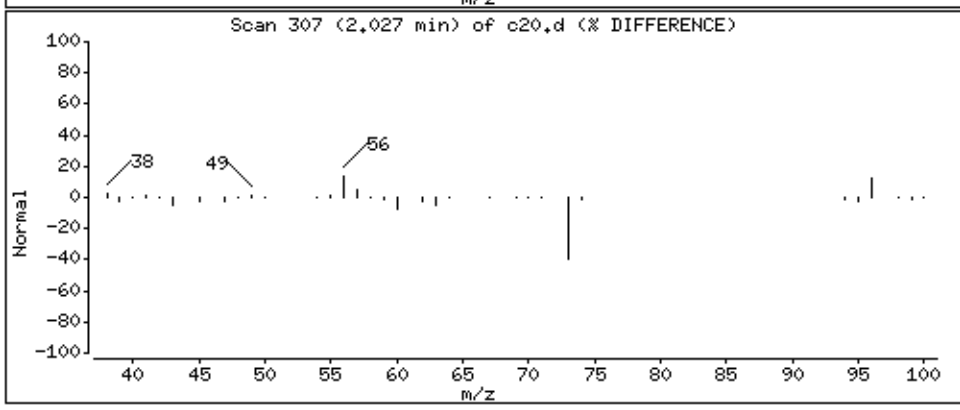
Concentration: 89.1 ppb

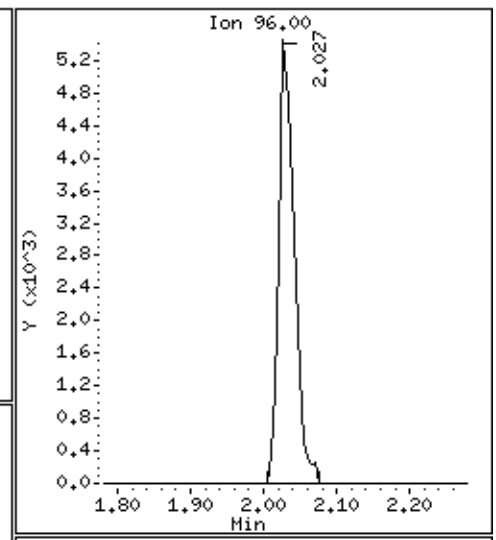
Review Code:

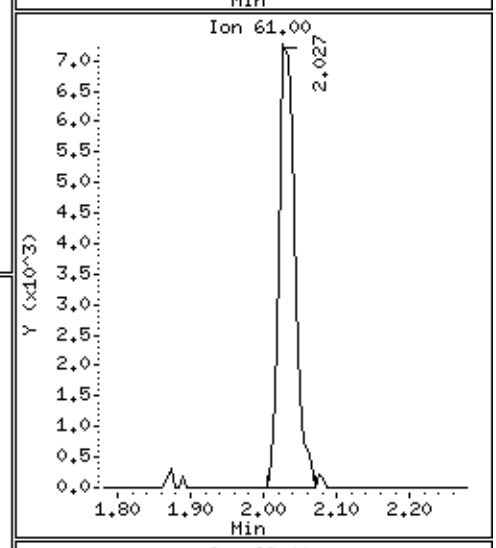


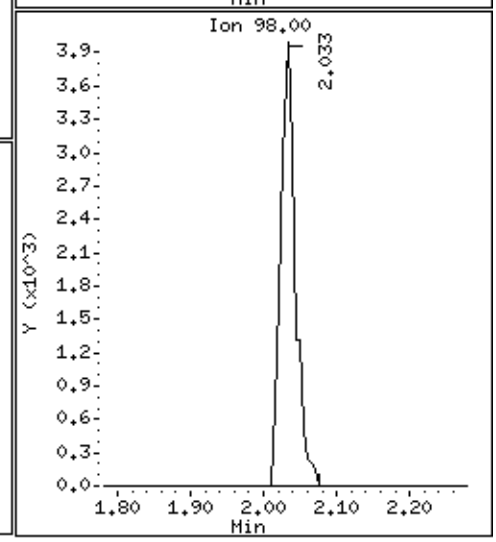












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

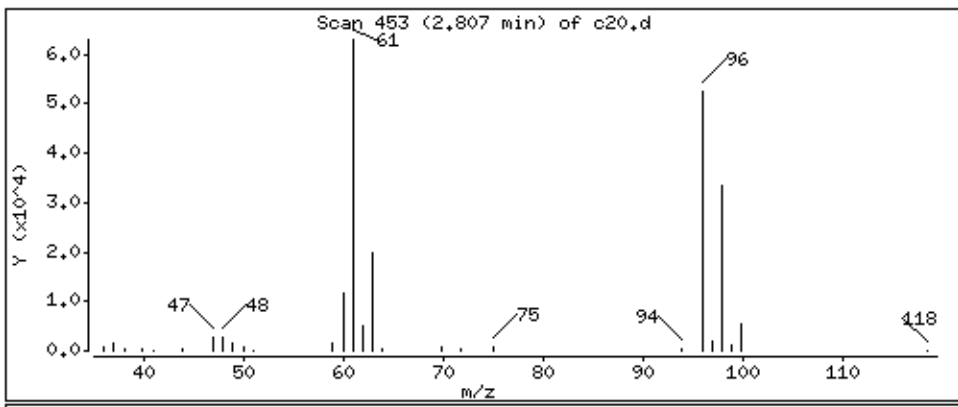
Column phase: DB-624

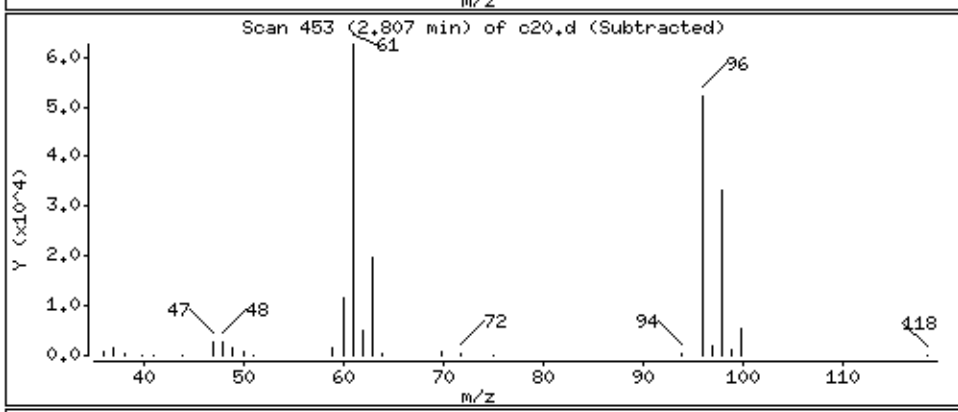
Column diameter: 0.18

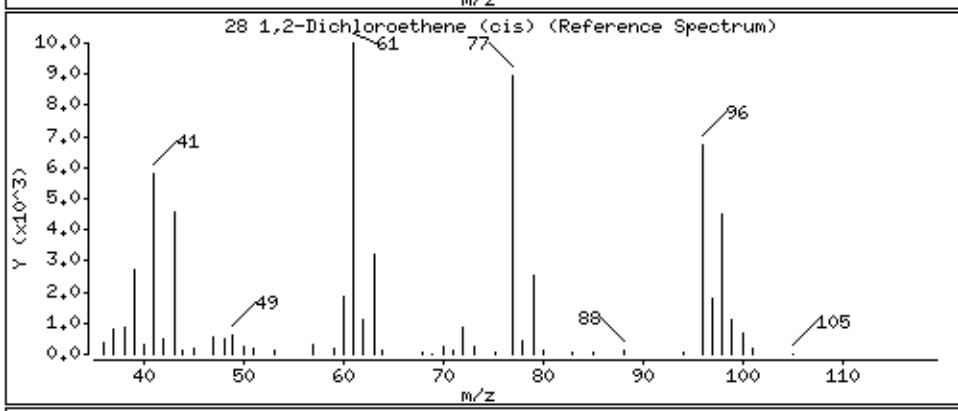
28 1,2-Dichloroethene (cis)

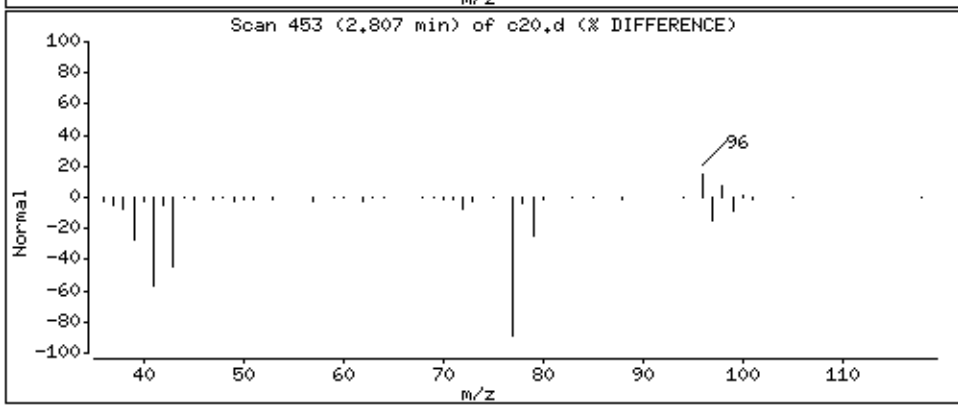
Concentration: 1110 ppb

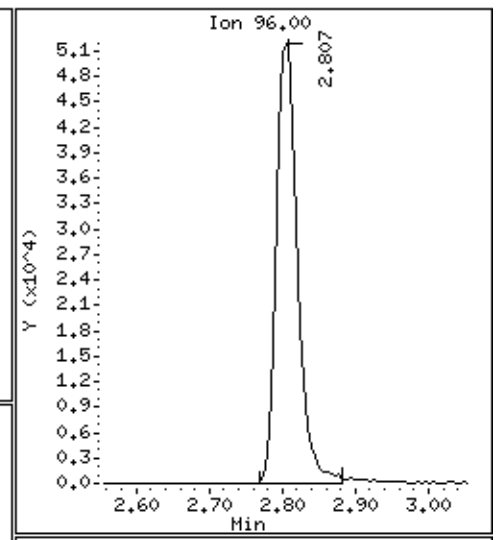
Review Code:

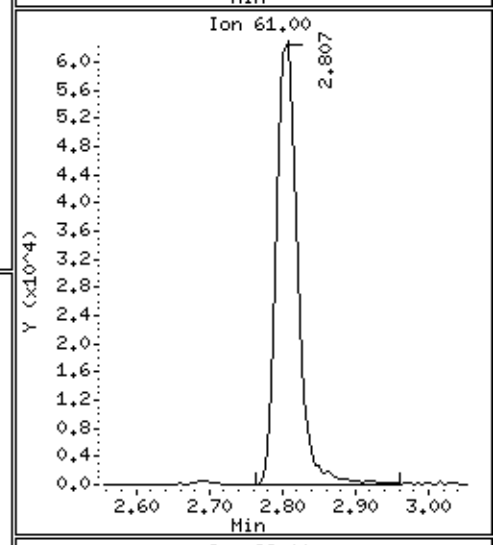


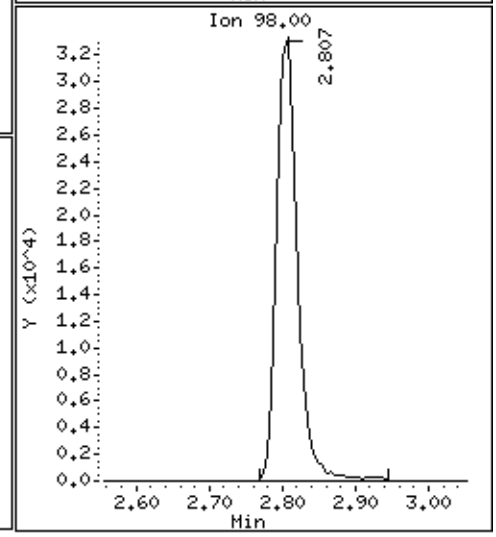












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

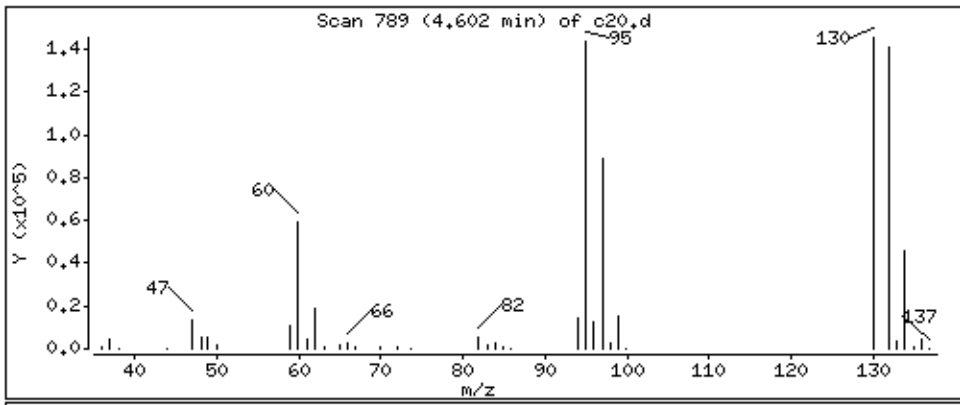
Column phase: DB-624

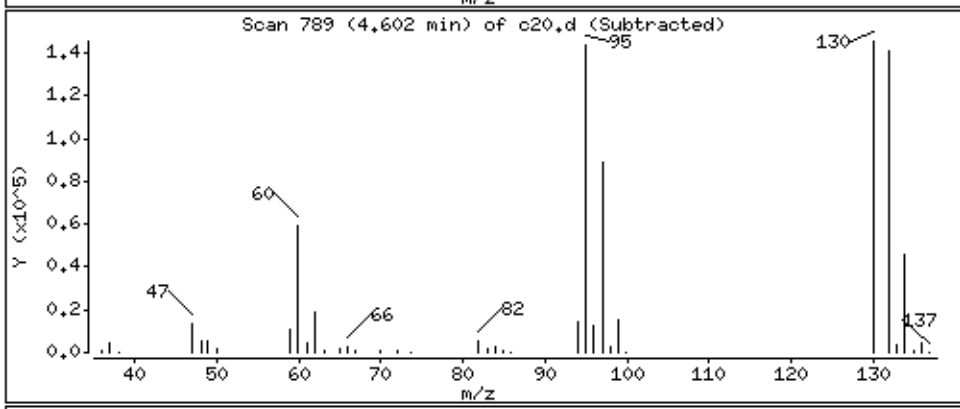
Column diameter: 0.18

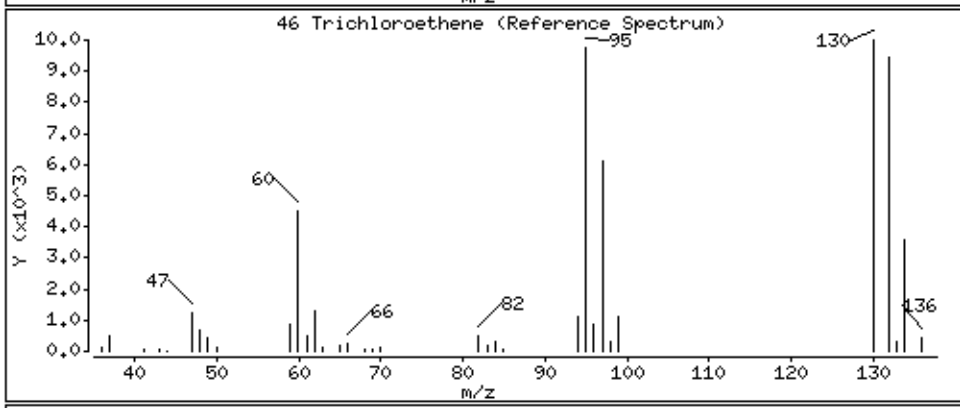
46 Trichloroethene

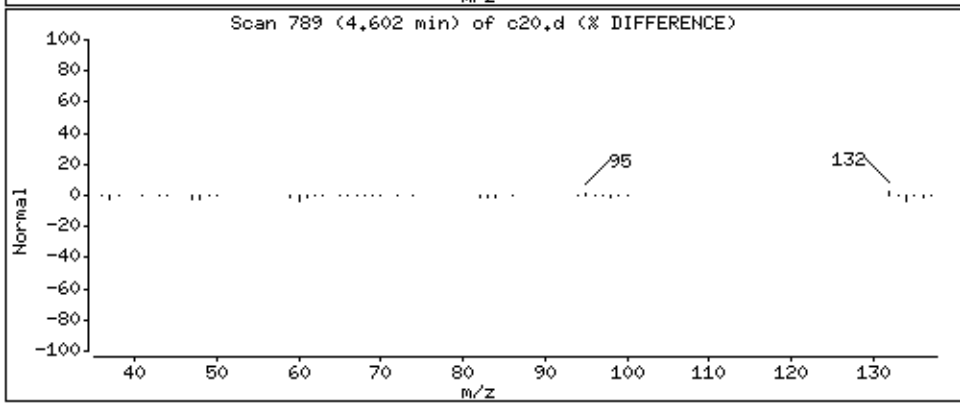
Concentration: 3470 ppb

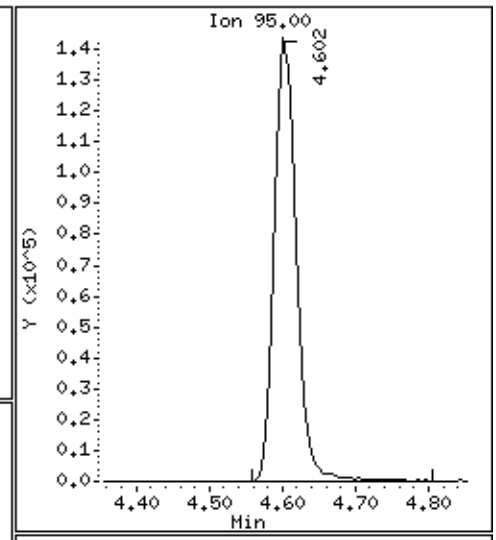
Review Code:

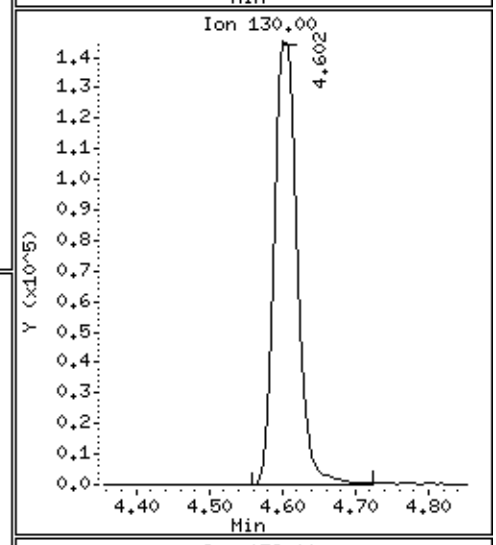


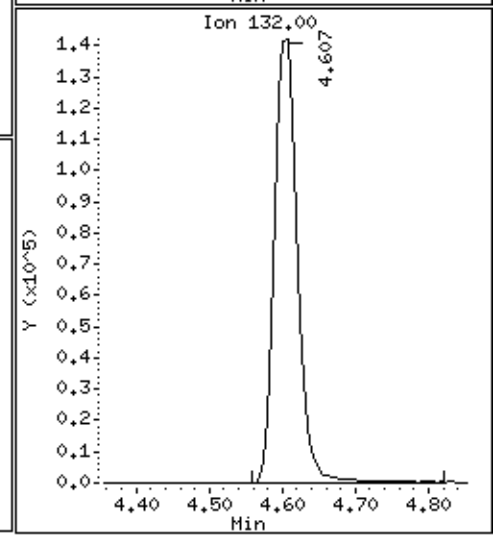












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

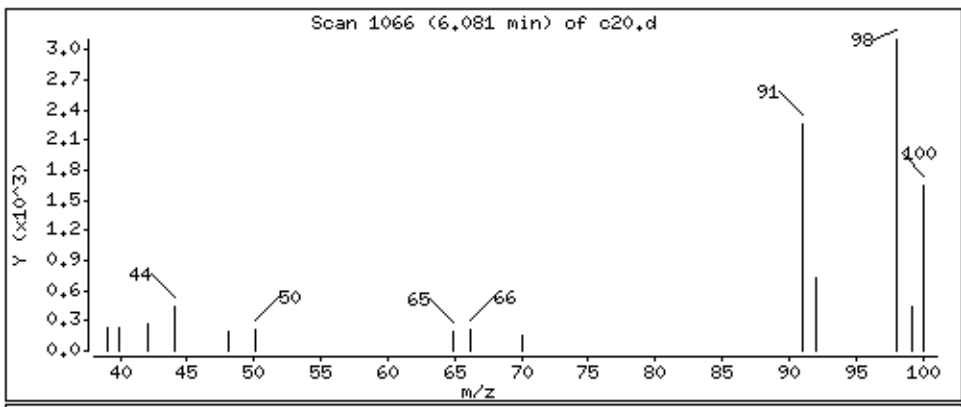
Column phase: DB-624

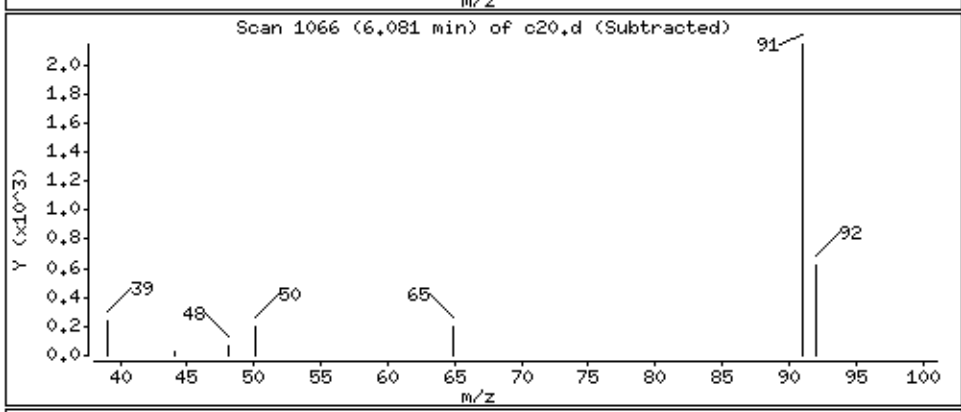
Column diameter: 0.18

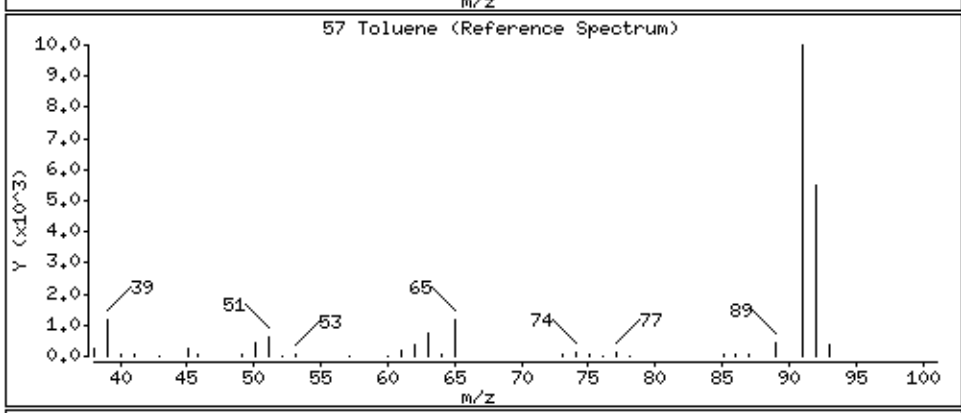
57 Toluene

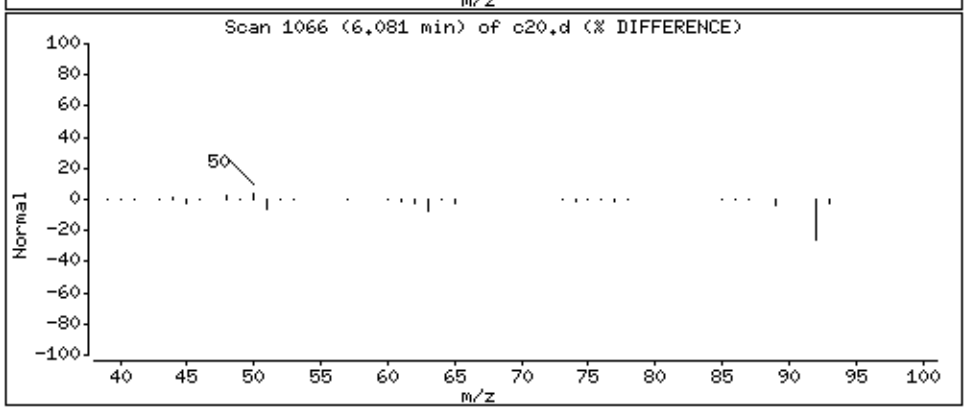
Concentration: 9.43 ppb

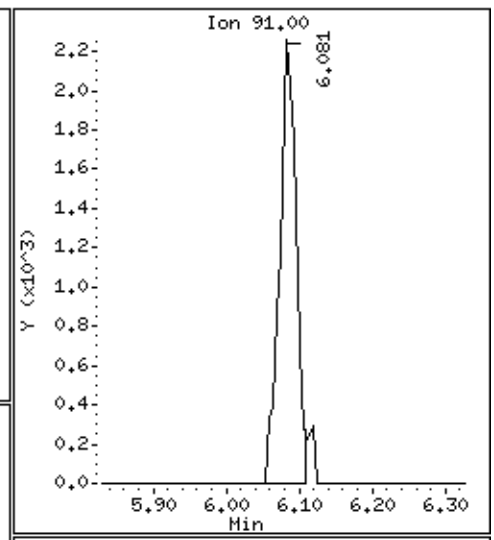
Review Code:

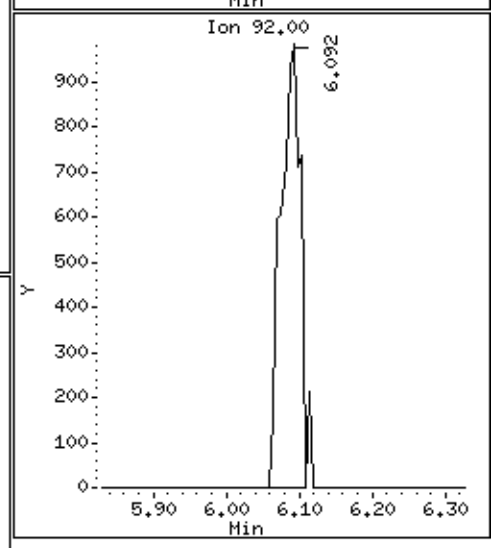












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c20.d

Date : 10-OCT-2017 09:08

Client ID: MW-0102-S1U (092717

Instrument: 50mv3a.i

Sample Info: 50180760017x50

Purge Volume: 5.0

Operator: jlz

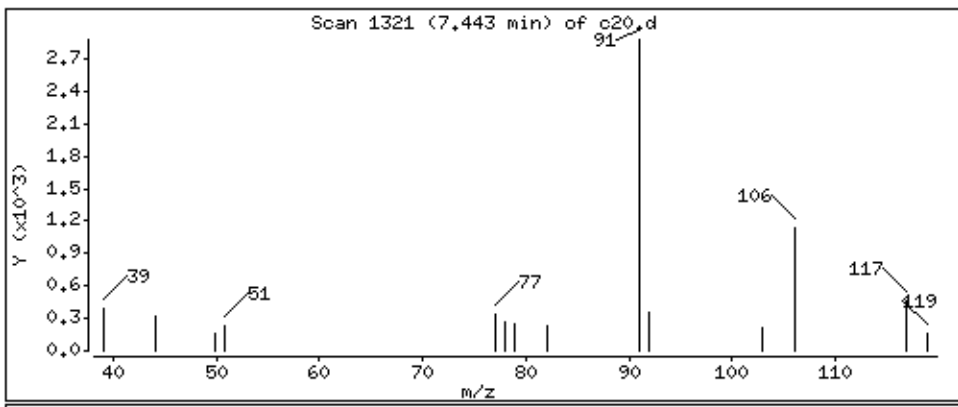
Column phase: DB-624

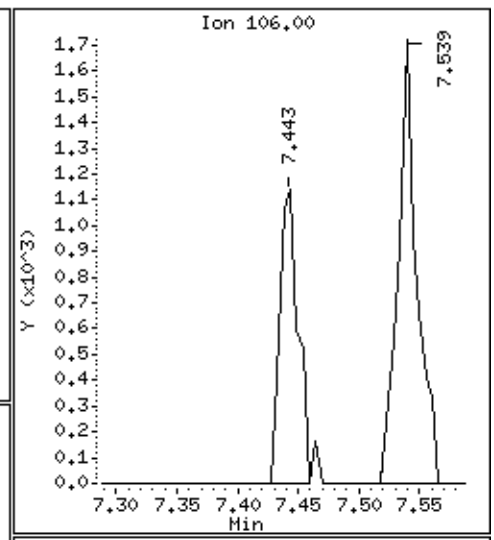
Column diameter: 0.18

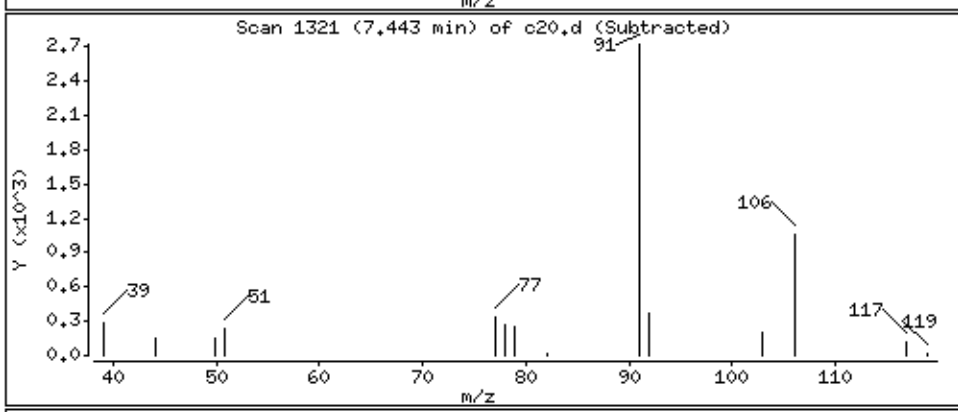
69 Ethylbenzene

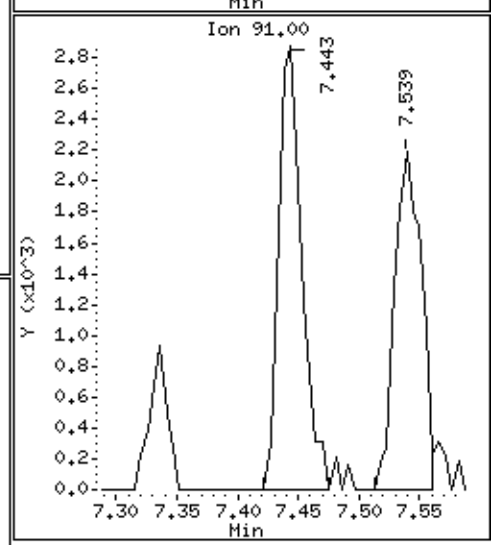
Concentration: 9.78 ppb

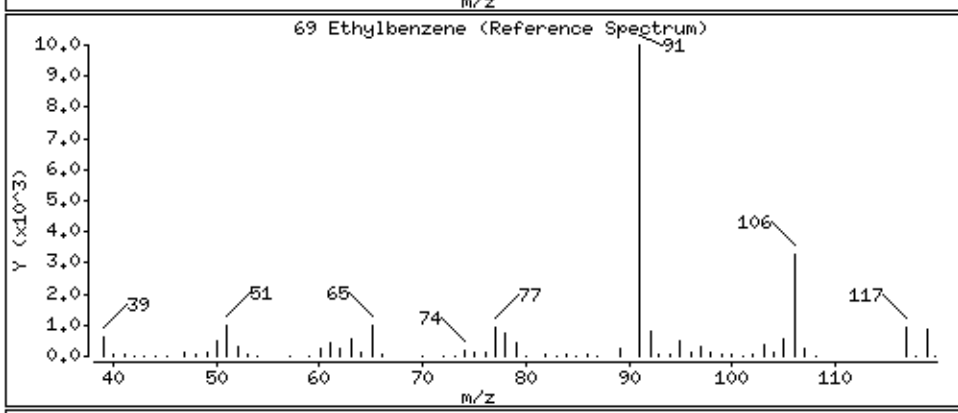
Review Code:

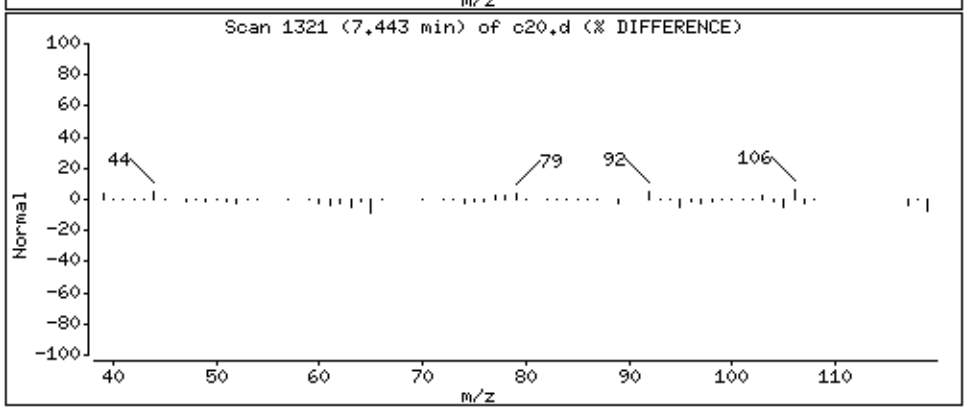












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/c20.d
Injection Date: 10-OCT-2017 09:08
Instrument: 50mv3a.i
Lab Sample ID: 50180760017
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0102-S1U (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 00:15 Lab Sample ID: 50180760017

Date Analyzed: 10/06/2017 00:15 Lab File ID: B100517.B\D04.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	1310	
156-60-5	trans-1,2-Dichloroethene	112	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0102-S1U (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 00:15 Lab Sample ID: 50180760017

Date Analyzed: 10/06/2017 00:15 Lab File ID: B100517.B\D04.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	17.9	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d
Lab Smp Id: 50180760017 Client Smp ID: MW-0102-S1U (092717
Inj Date : 06-OCT-2017 00:15
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760017x5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 56
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
3 Vinyl Chloride	62	1.046	1.044	(0.251)	9126	3.57793	17.9	
22 1,2-Dichloroethene (trans)	96	2.045	2.043	(0.491)	39837	22.4031	112	
28 1,2-Dichloroethene (cis)	96	2.814	2.818	(0.676)	488443	261.463	1310(Q)	
$ 35 Dibromofluoromethane (S)	113	3.332	3.330	(0.800)	65419	49.7502	49.8	
* 44 Fluorobenzene (IS)	96	4.166	4.164	(1.000)	273051	50.0000		
45 Trichloroethene	95	4.614	4.612	(1.108)	1568830	853.121	4260	
$ 55 Toluene-d8 (S)	98	6.014	6.012	(0.820)	284791	49.7027	49.7	
* 65 Chlorobenzene-D5 (IS)	117	7.338	7.336	(1.000)	217073	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.155	8.153	(1.111)	100311	46.5949	46.6	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.832	(1.000)	111659	50.0000		
95 Naphthalene	128	9.993	9.991	(1.131)	2310	0.50667	2.53	
97 2,methyl-naphthalene	142	10.628	10.621	(1.203)	3460	1.32924	6.65	
98 1-Methylnaphthalene	142	10.735	10.738	(1.215)	2369	1.17512	5.88(M)	WP

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

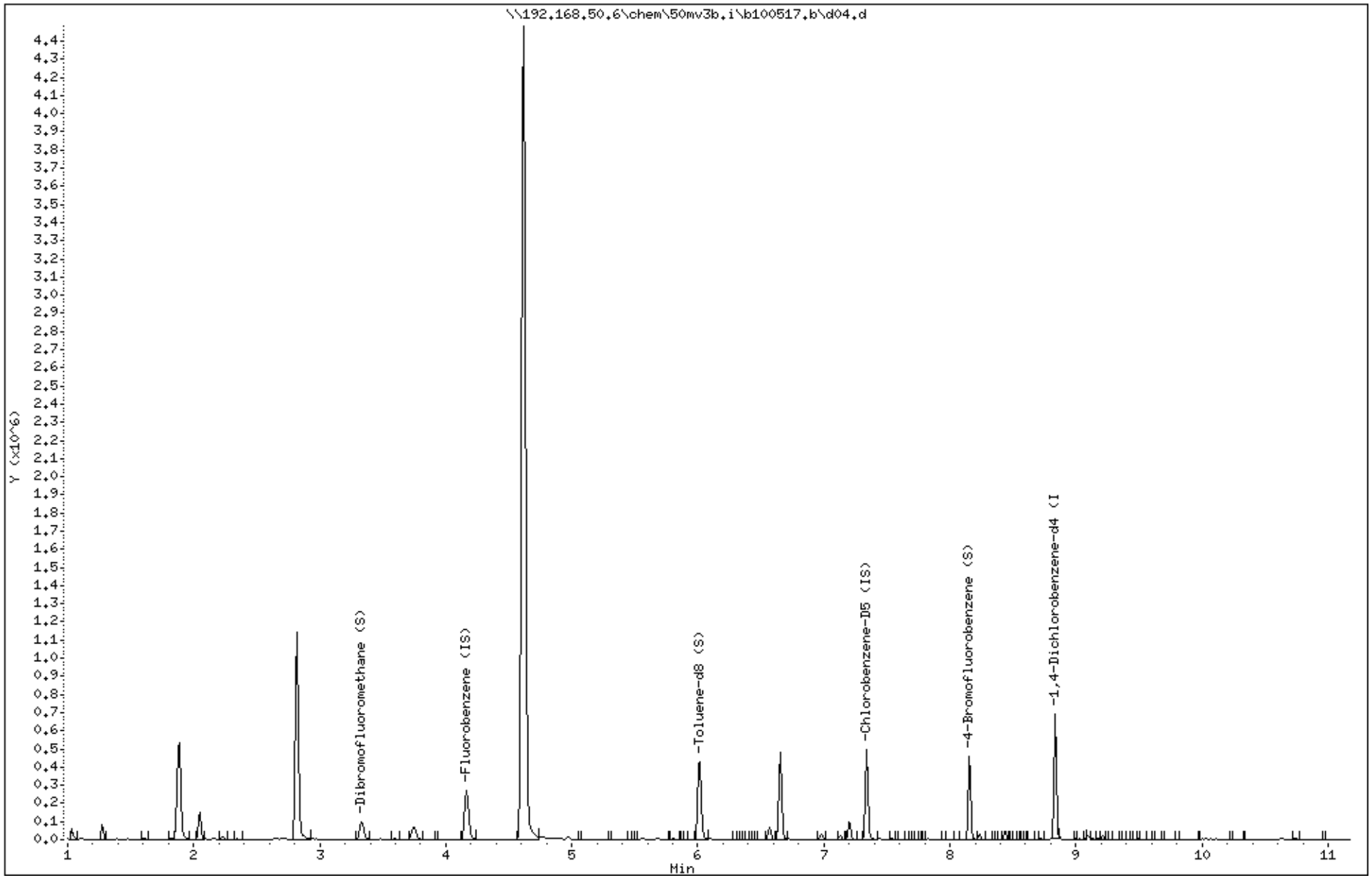
QC Flag Legend

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d
Date : 06-OCT-2017 00:15
Client ID: MW-0102-S1U (092717
Sample Info: 50180760017x5
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

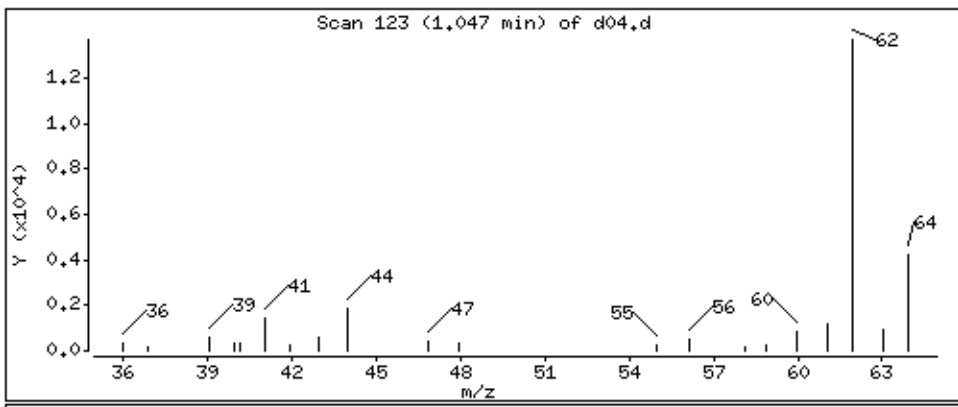
Column phase: DB-624

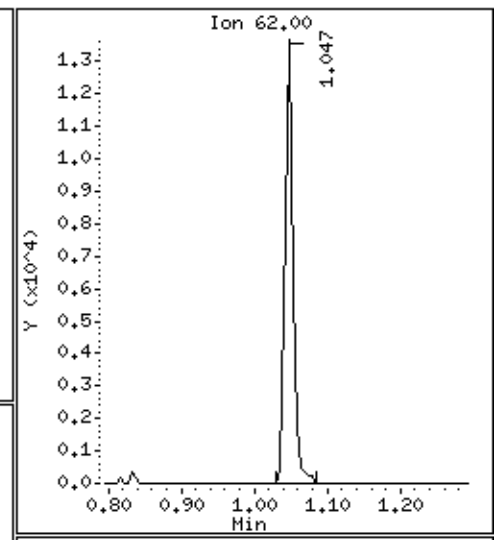
Column diameter: 0.18

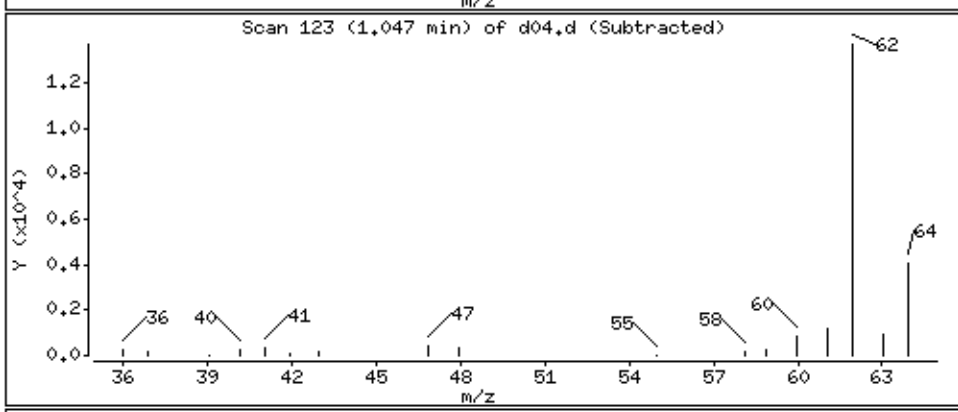
3 Vinyl Chloride

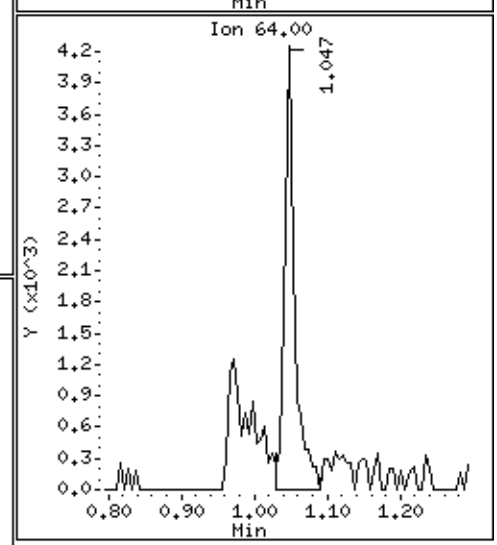
Concentration: 17.9 ppb

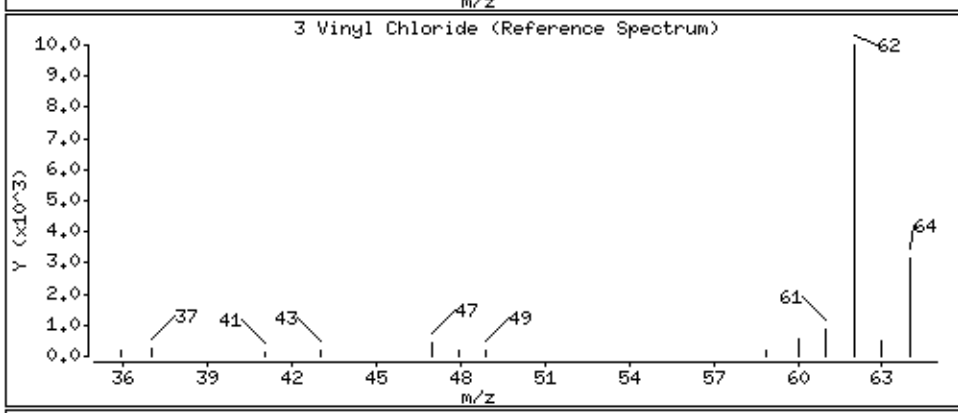
Review Code:

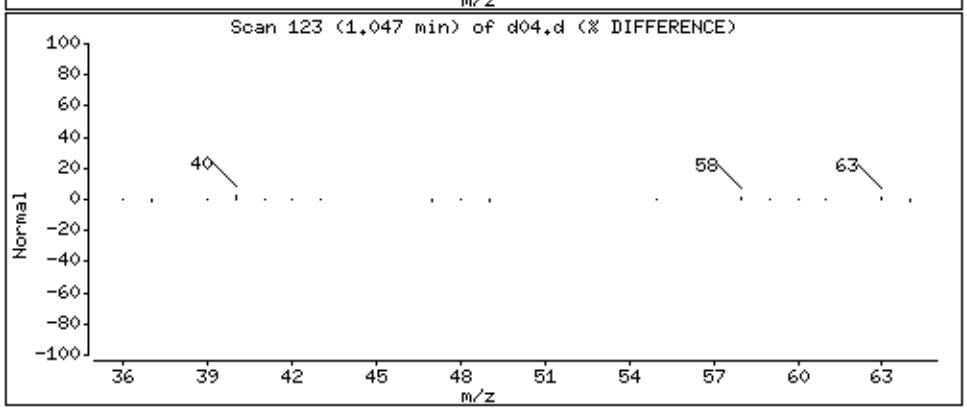












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

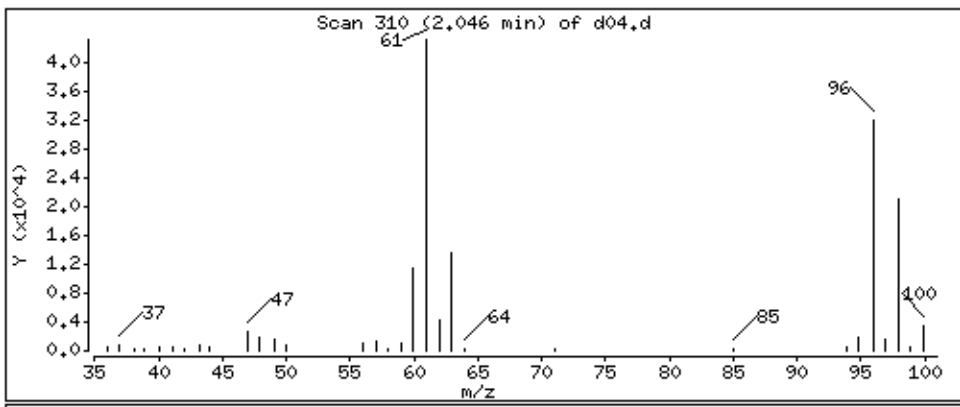
Column phase: DB-624

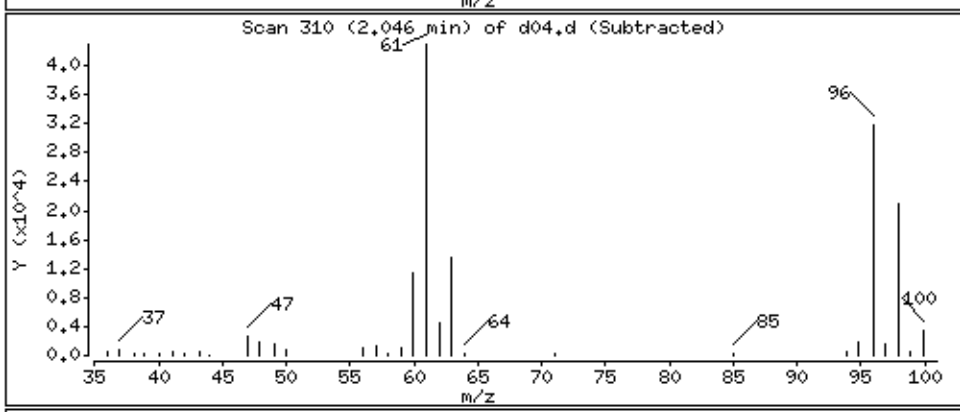
Column diameter: 0.18

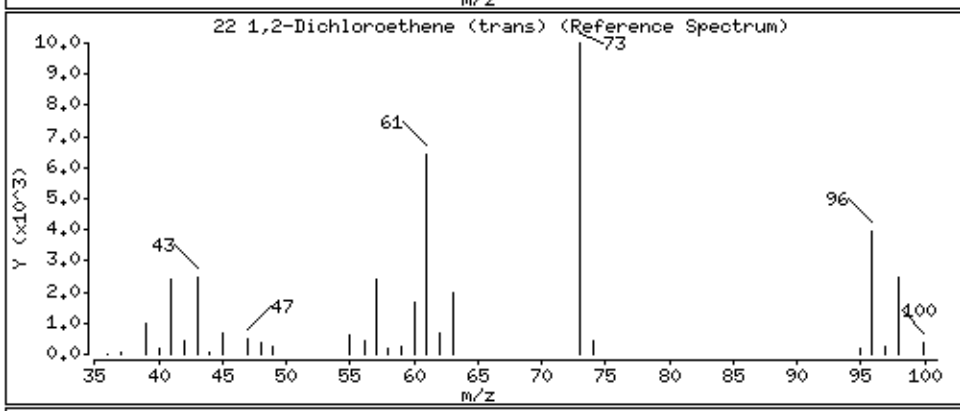
22 1,2-Dichloroethene (trans)

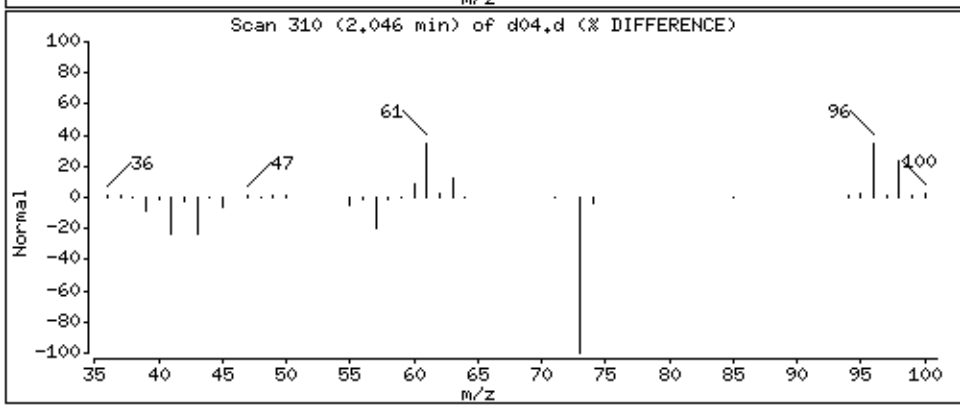
Concentration: 112 ppb

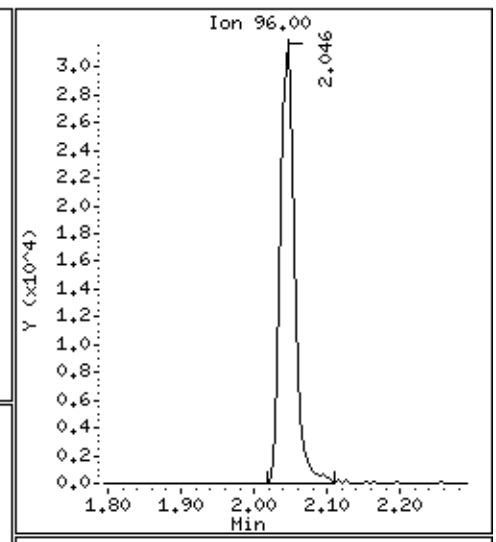
Review Code:

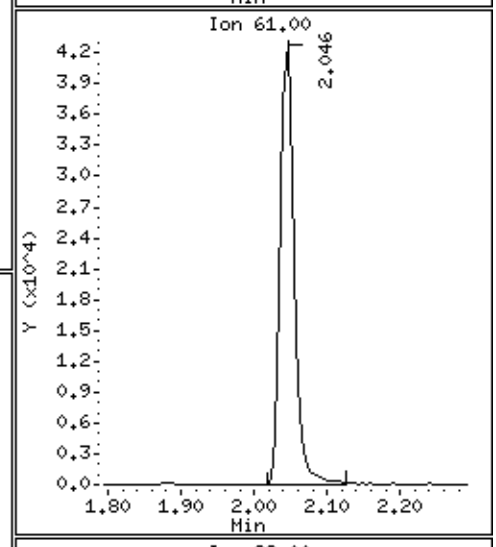


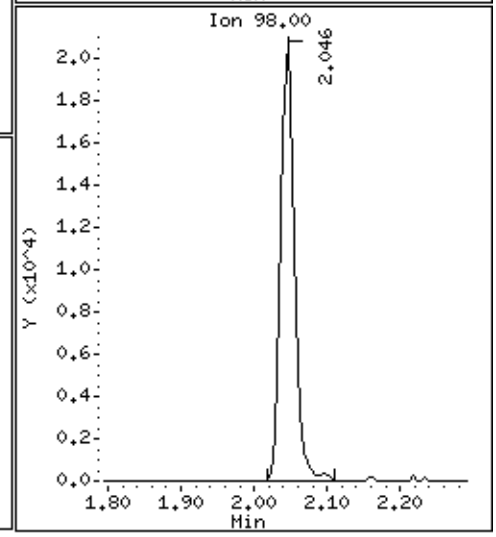












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

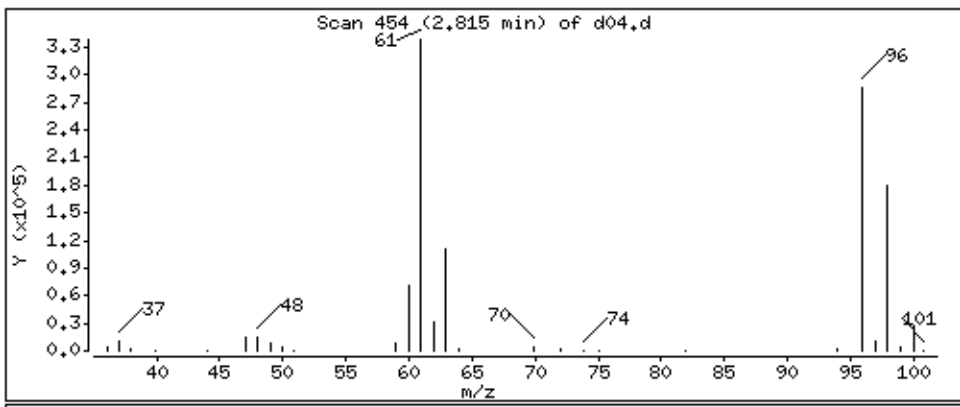
Column phase: DB-624

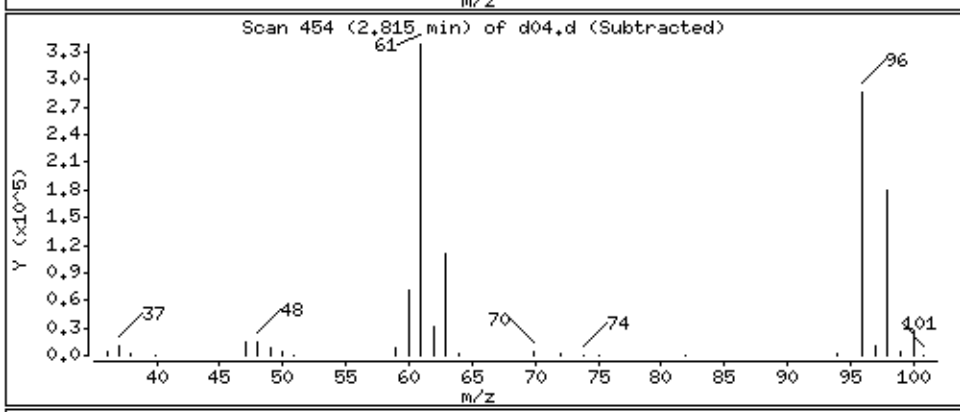
Column diameter: 0.18

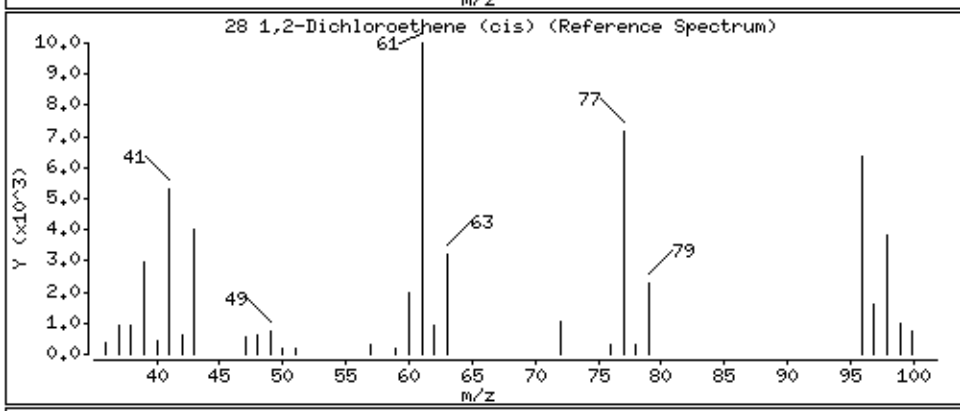
28 1,2-Dichloroethene (cis)

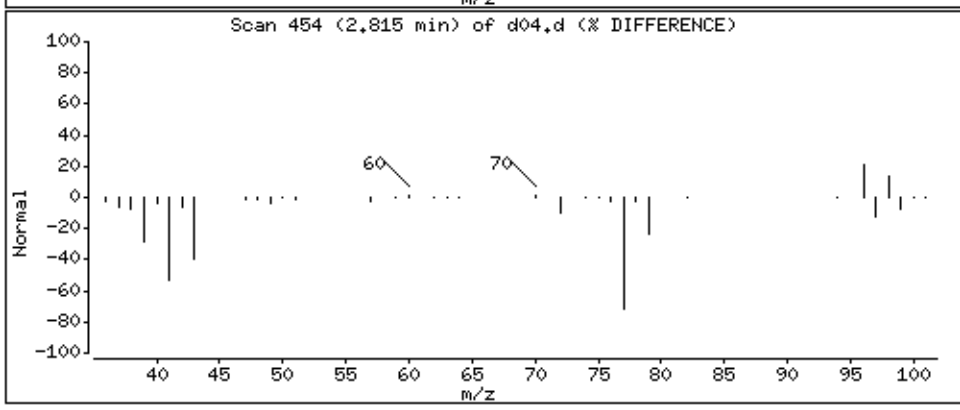
Concentration: 1310 ppb

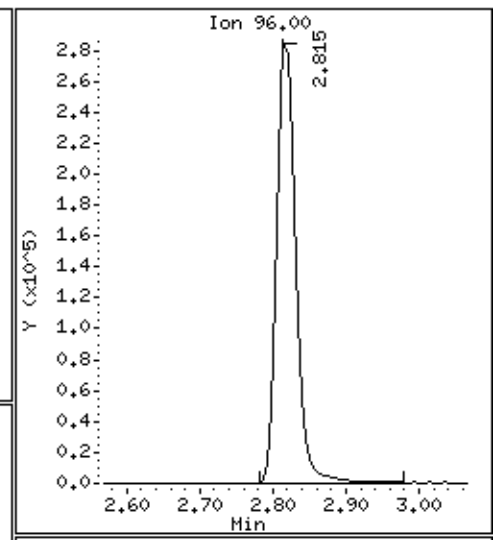
Review Code:

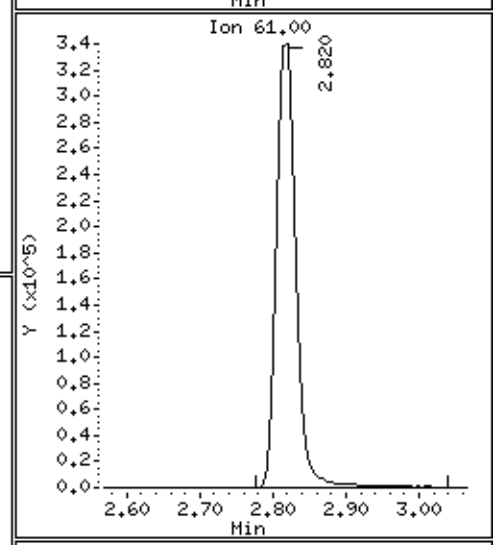


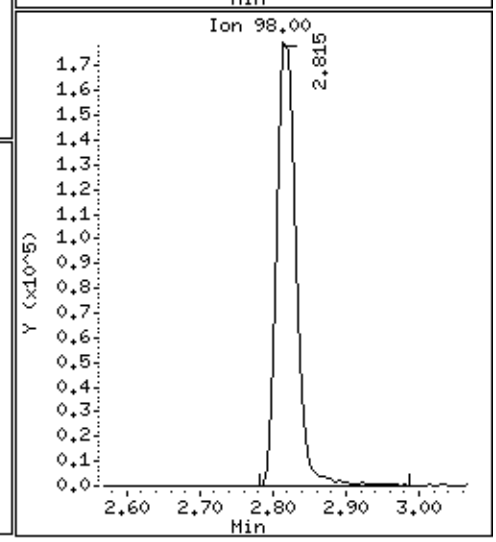












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

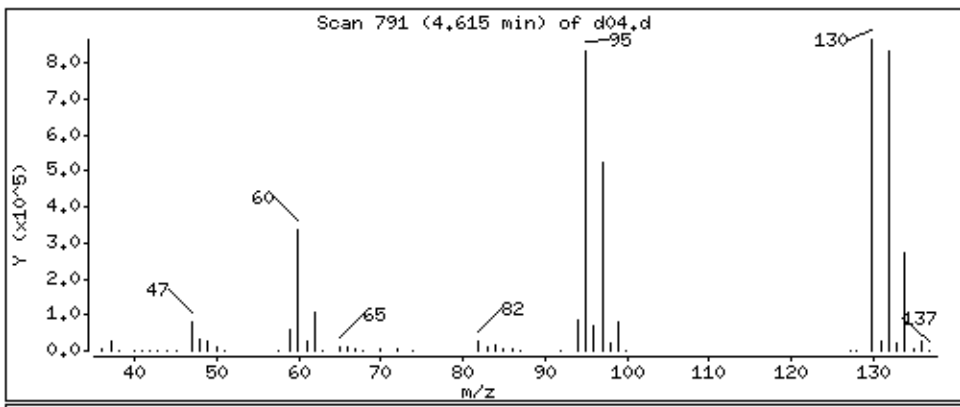
Column phase: DB-624

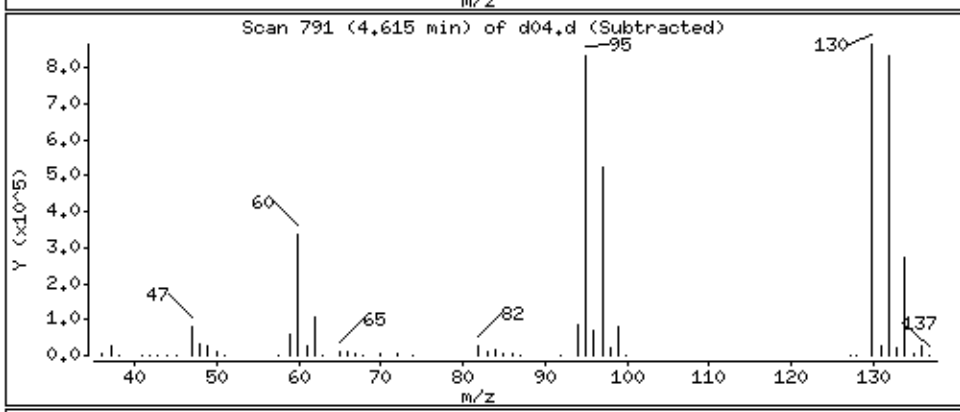
Column diameter: 0.18

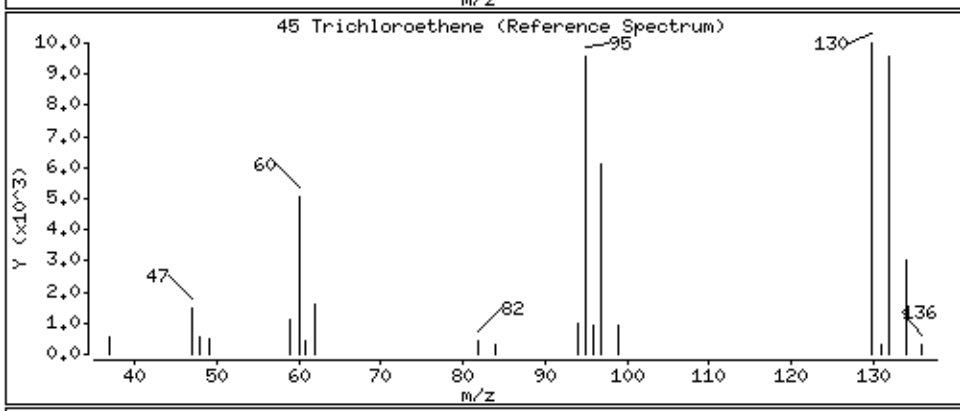
45 Trichloroethene

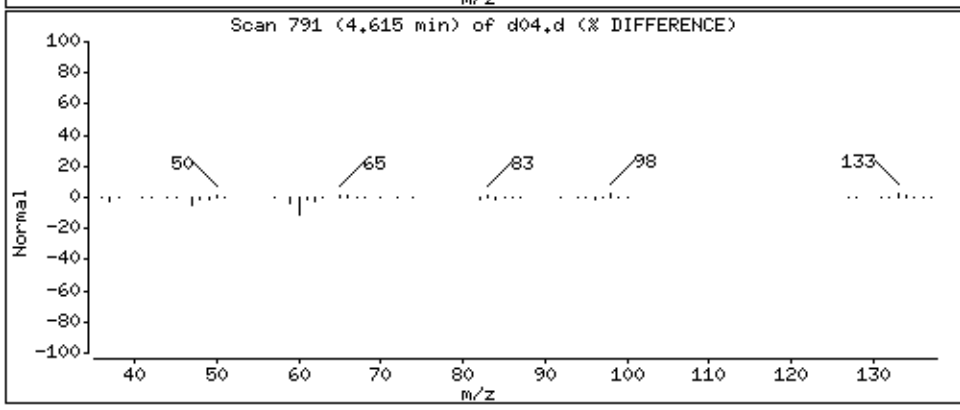
Concentration: 4260 ppb

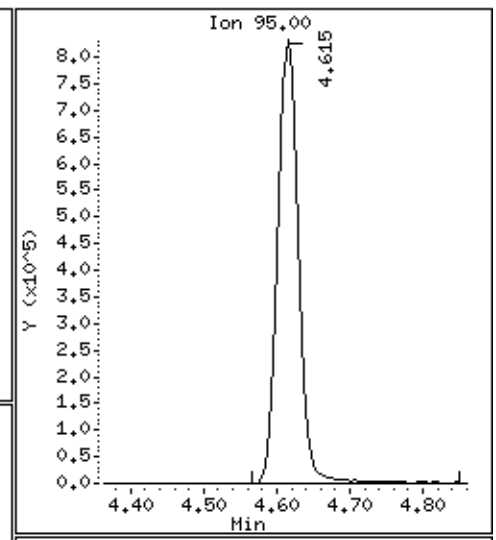
Review Code:

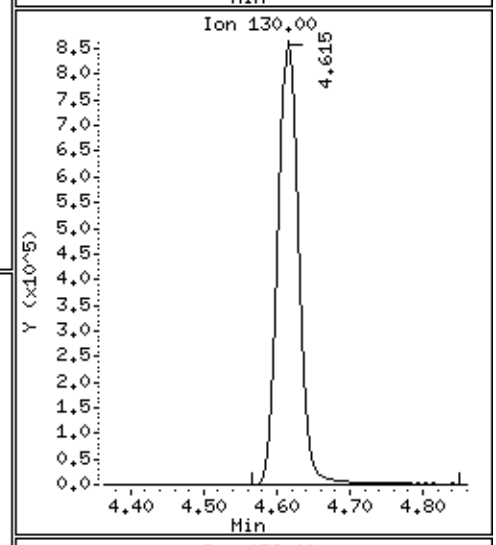


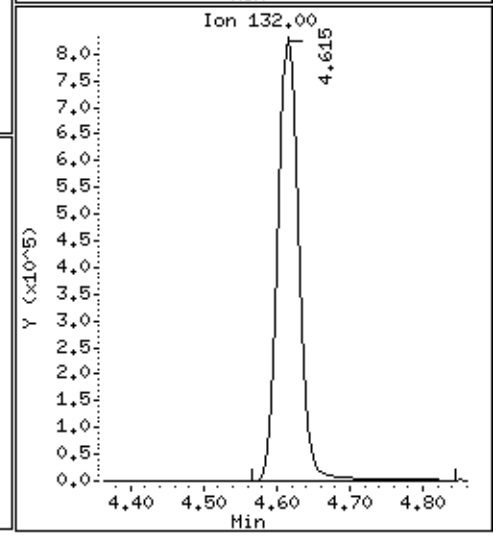












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

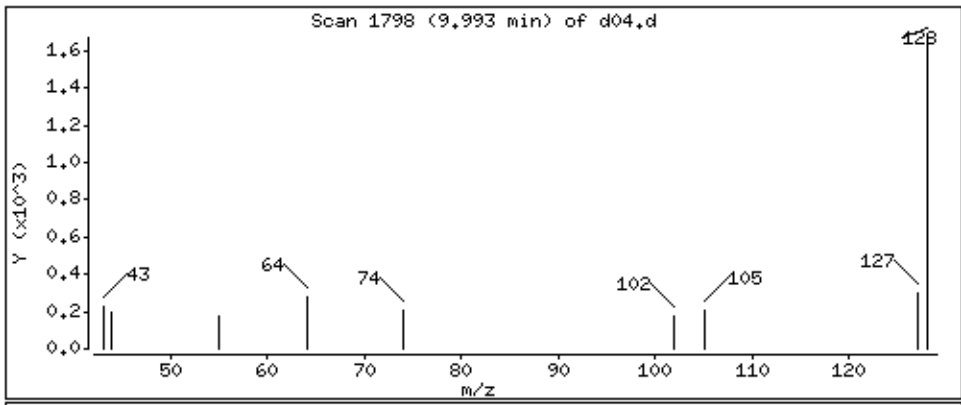
Column phase: DB-624

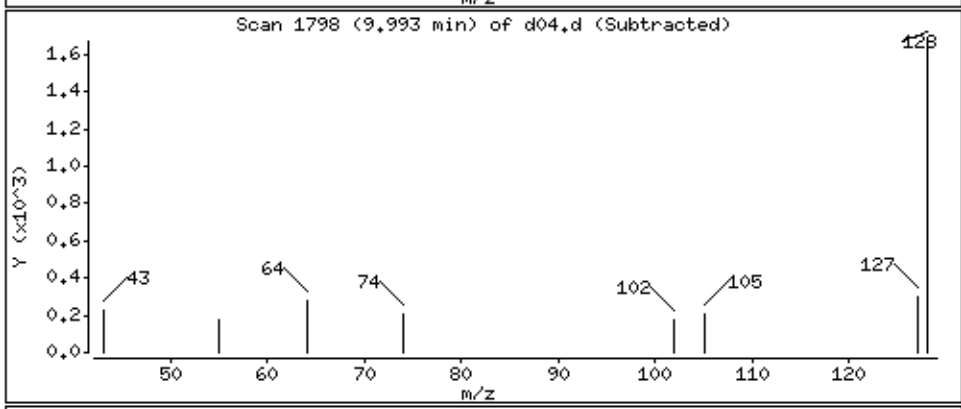
Column diameter: 0.18

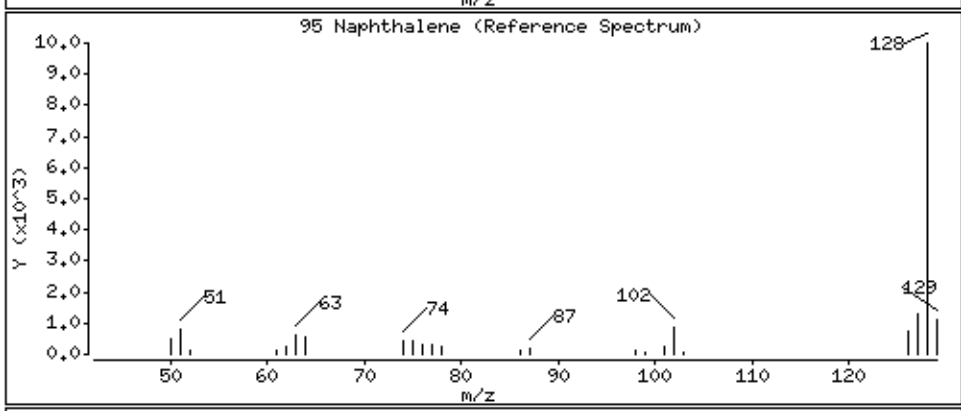
95 Naphthalene

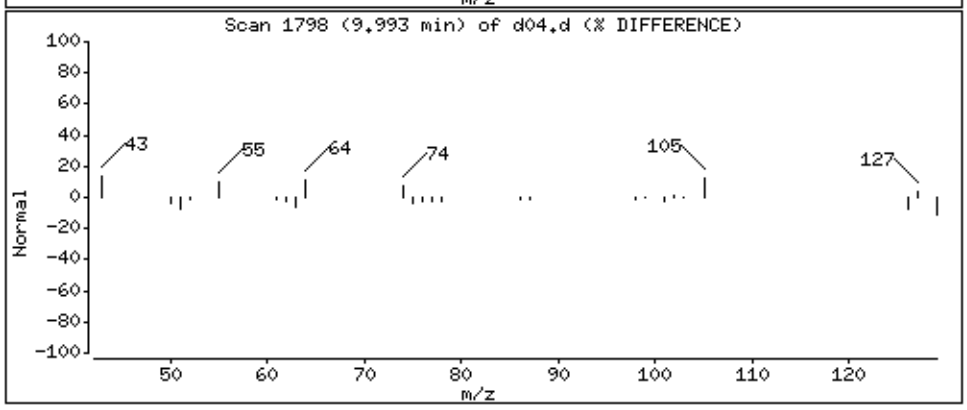
Concentration: 2.53 ppb

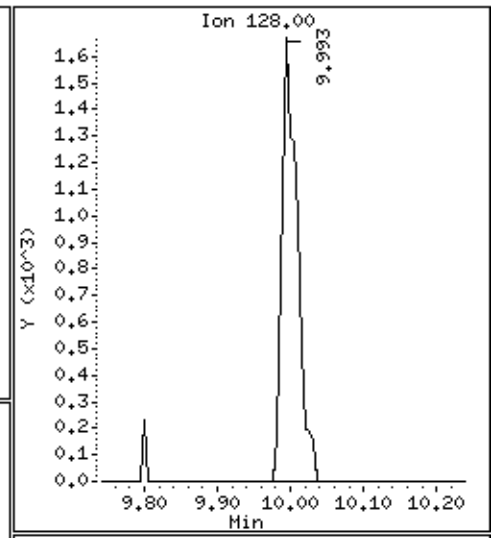
Review Code:

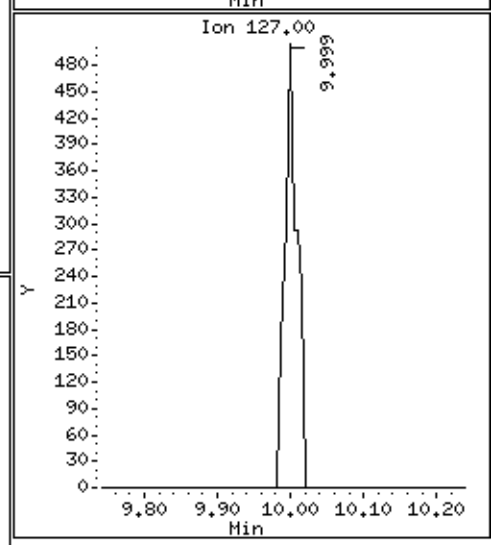












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Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

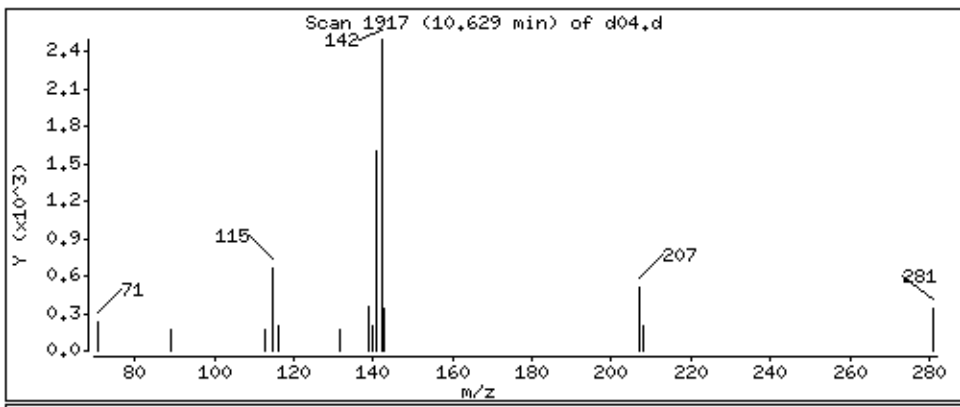
Column phase: DB-624

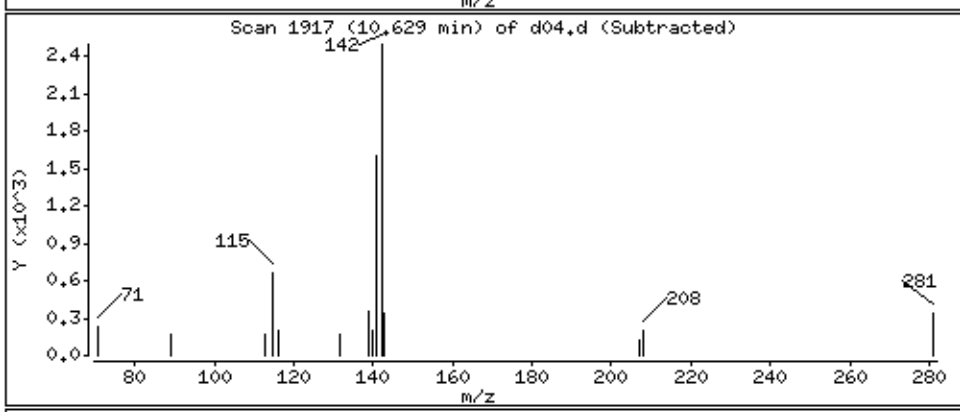
Column diameter: 0.18

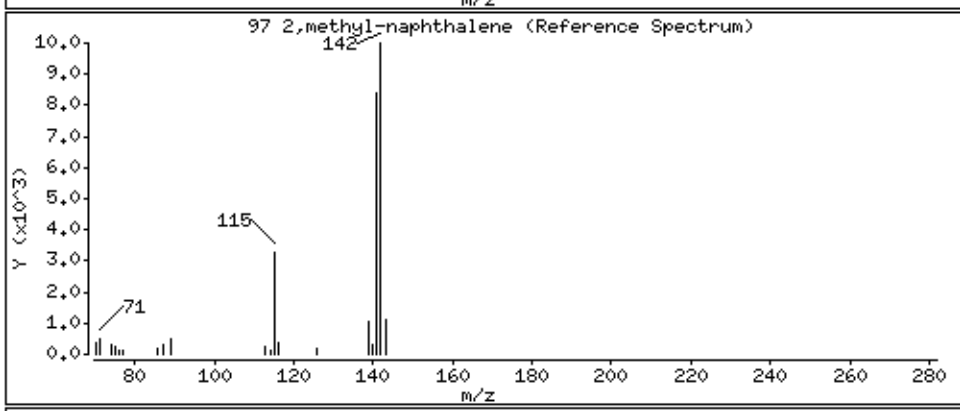
97 2,methyl-naphthalene

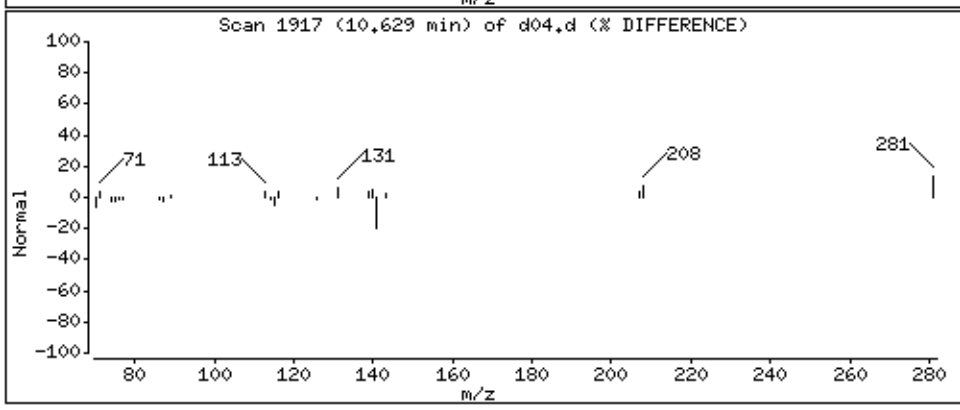
Concentration: 6.65 ppb

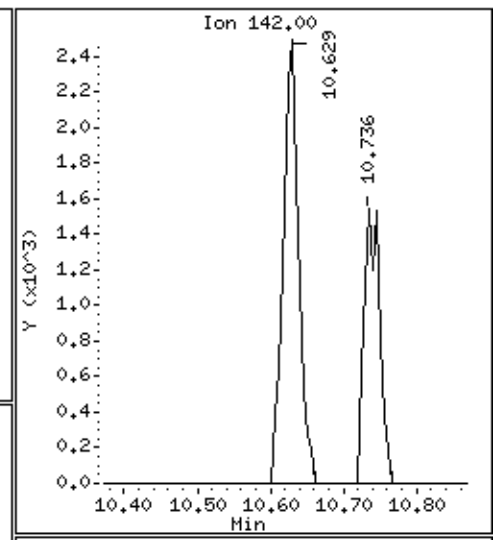
Review Code:

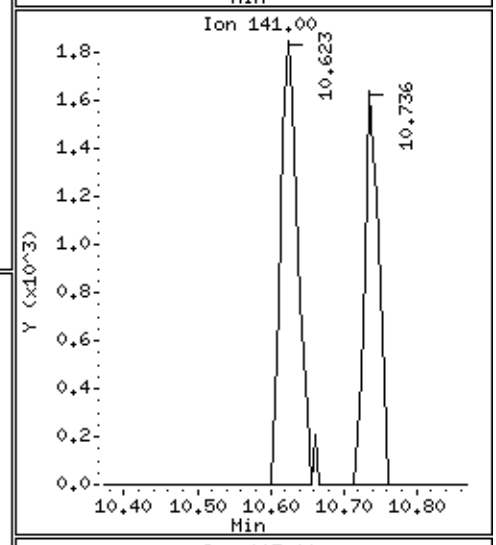


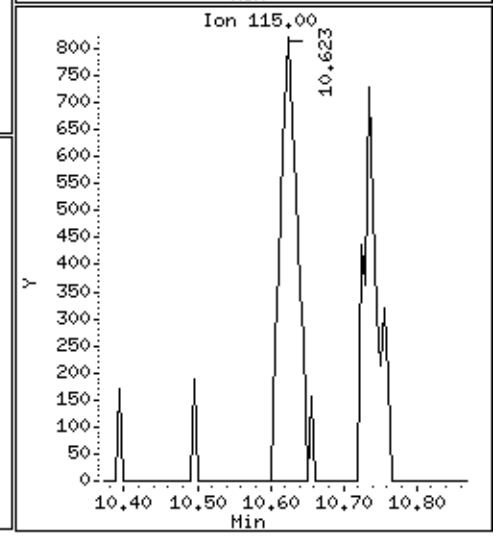












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d04.d

Date : 06-OCT-2017 00:15

Client ID: MW-0102-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760017x5

Purge Volume: 5.0

Operator: jlz

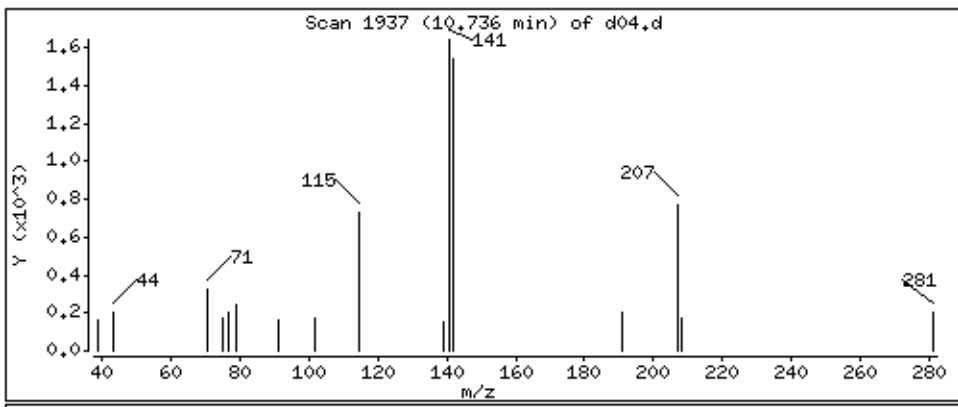
Column phase: DB-624

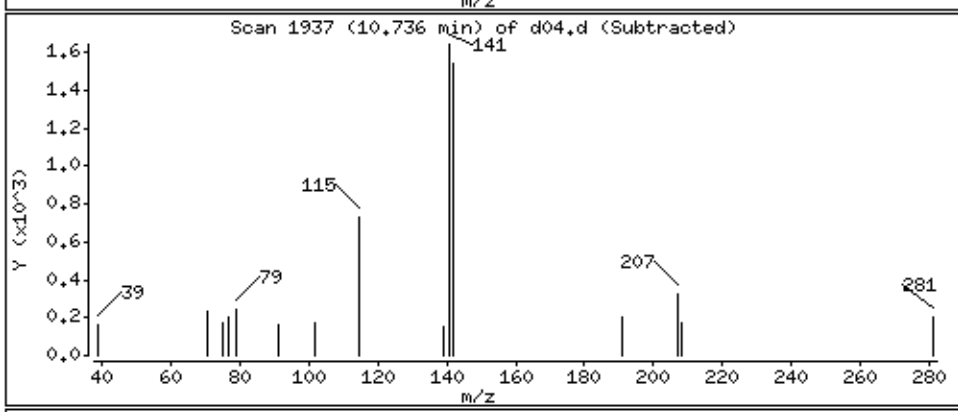
Column diameter: 0.18

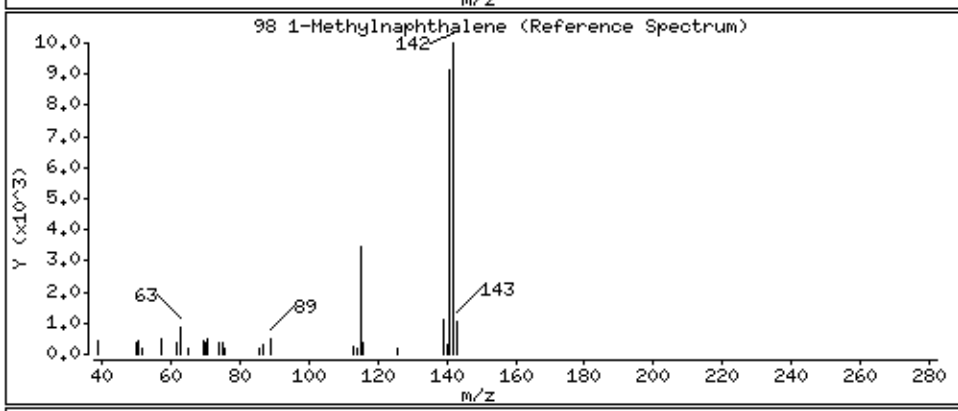
98 1-Methylnaphthalene

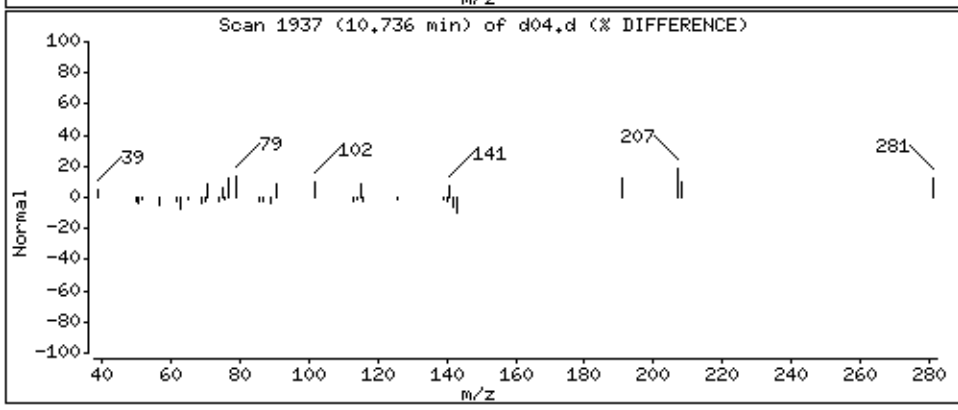
Concentration: 5.88 ppb

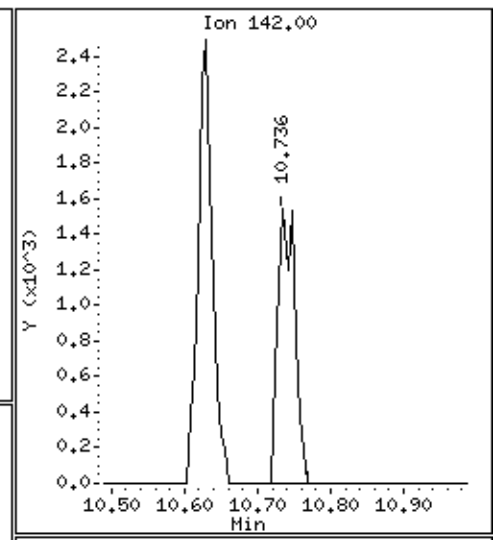
Review Code: WP

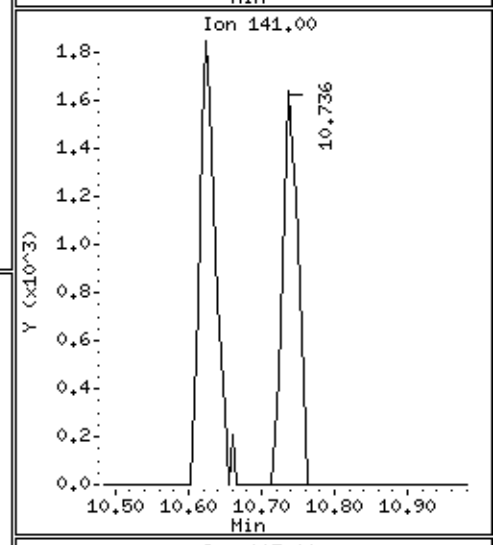


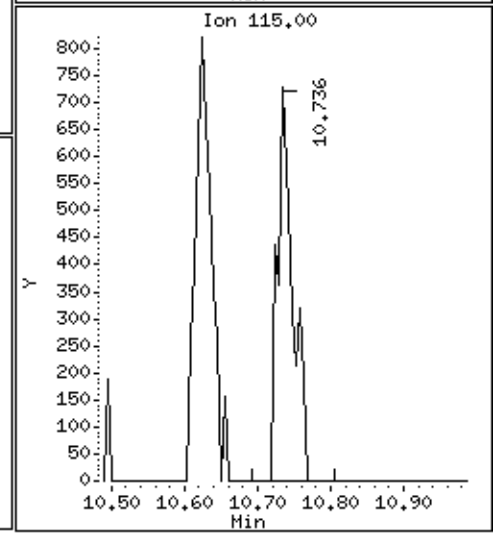






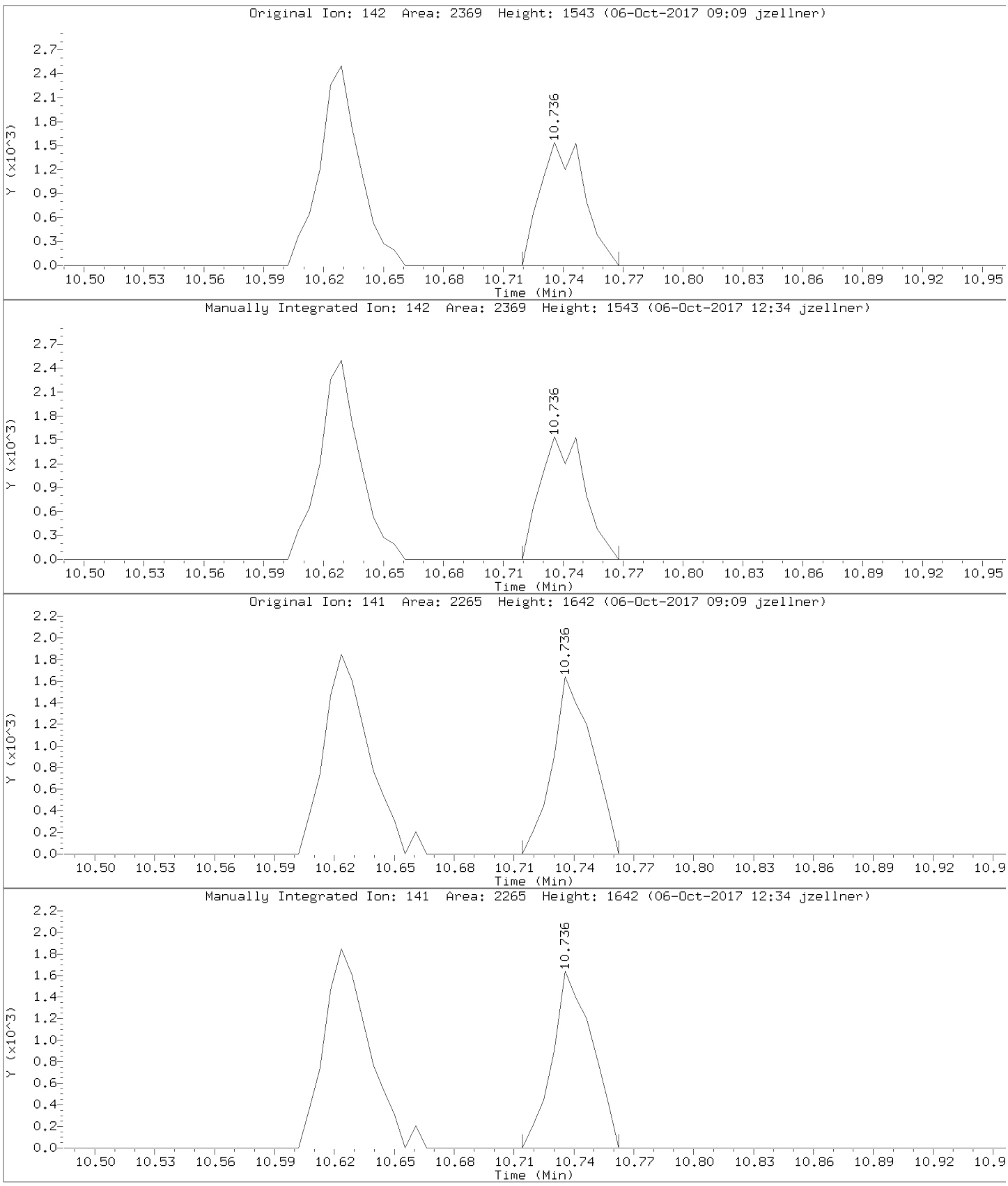




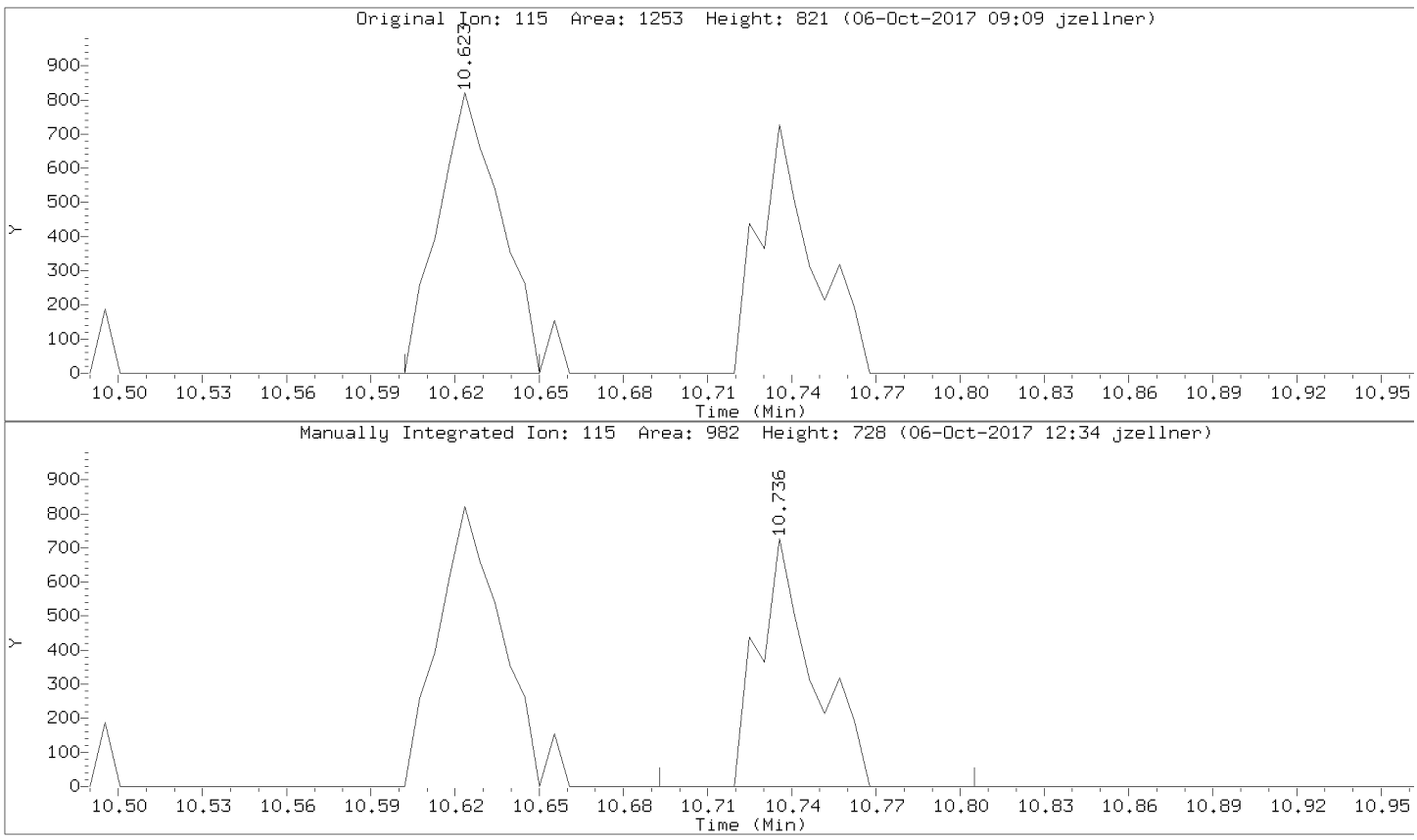


Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d04.d
Injection Date: 06-OCT-2017 00:15
Instrument: 50mv3b.i
Lab Sample ID: 50180760017

Compound: 1-Methylnaphthalene Review Code: WP
CAS Number: 90-12-7



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d04.d
Injection Date: 06-OCT-2017 00:15
Instrument: 50mv3b.i
Lab Sample ID: 50180760017



SAMPLE NO.

MW-0619-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 09:40 Lab Sample ID: 50180760018

Date Analyzed: 10/10/2017 09:40 Lab File ID: A100917.B\C21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	818	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d
Lab Smp Id: 50180760018 Client Smp ID: MW-0619-S1 (092717)
Inj Date : 10-OCT-2017 09:40
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 50180760018x5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 89
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.030	1.035	(0.248)	1177	0.23630	1.18(Q)	
	22 1,2-Dichloroethene (trans)	96	2.029	2.029	(0.489)	6180	1.49540	7.48	
	28 1,2-Dichloroethene (cis)	96	2.803	2.803	(0.676)	91611	20.9646	105(Q)	
$	35 Dibromofluoromethane (S)	113	3.316	3.316	(0.799)	172751	49.6898	49.7	
*	45 Fluorobenzene (IS)	96	4.149	4.149	(1.000)	704113	50.0000		
	46 Trichloroethene	95	4.603	4.603	(1.109)	668505	163.519	818	
$	56 Toluene-d8 (S)	98	6.003	6.008	(0.819)	660927	47.3026	47.3	
	57 Toluene	91	6.077	6.077	(0.829)	2547	0.14488	0.724	
*	66 Chlorobenzene-D5 (IS)	117	7.332	7.332	(1.000)	465714	50.0000		
	72 Styrene	104	7.824	7.813	(1.067)	3644	0.33110	1.66	
$	75 4-Bromofluorobenzene (S)	95	8.155	8.155	(1.112)	182576	47.6542	47.6	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.833	(1.000)	160829	50.0000		

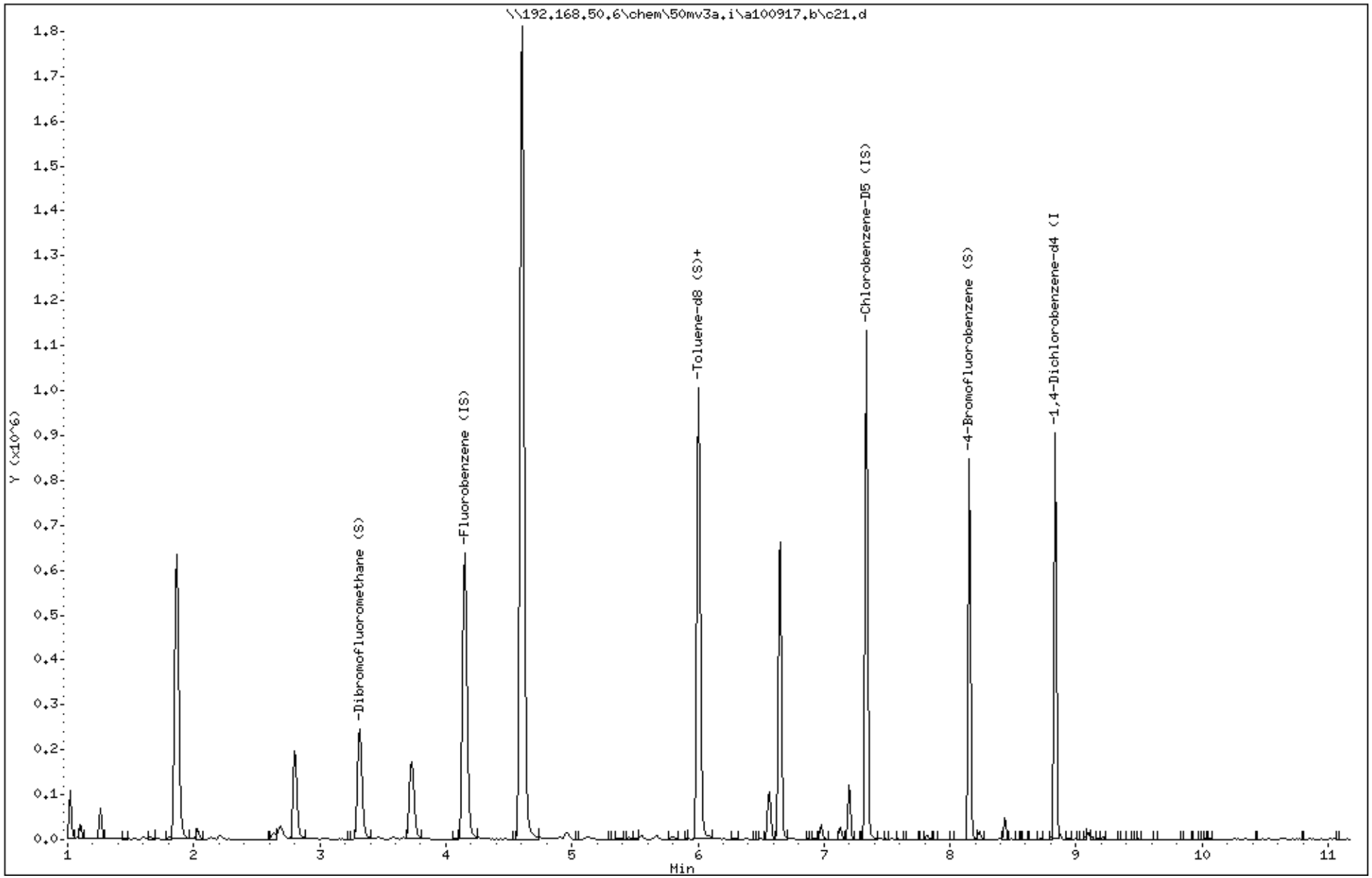
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d
Date : 10-OCT-2017 09:40
Client ID: MW-0619-S1 (092717)
Instrument: 50mv3a.i
Sample Info: 50180760018x5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

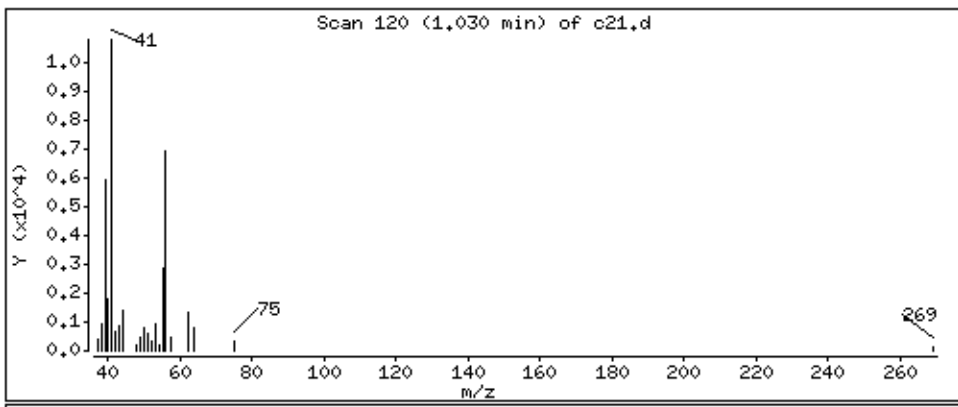
Column phase: DB-624

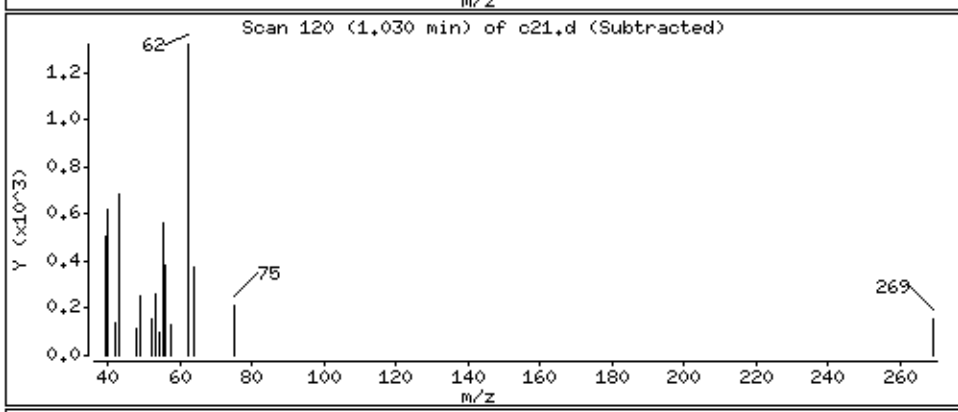
Column diameter: 0.18

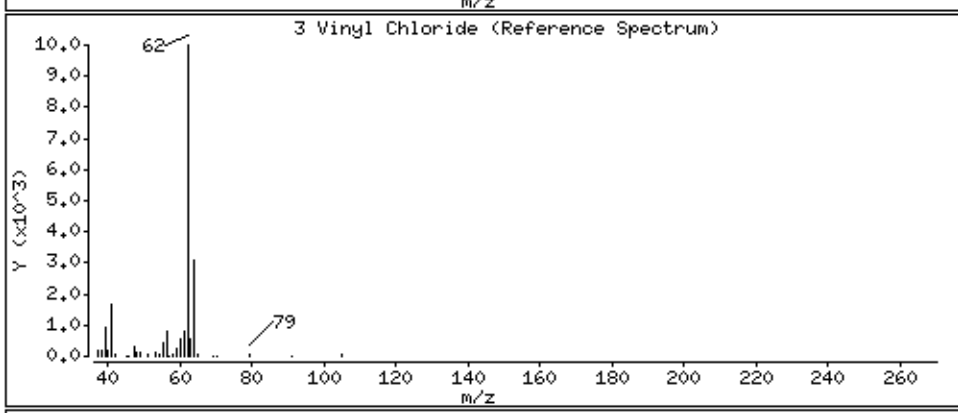
3 Vinyl Chloride

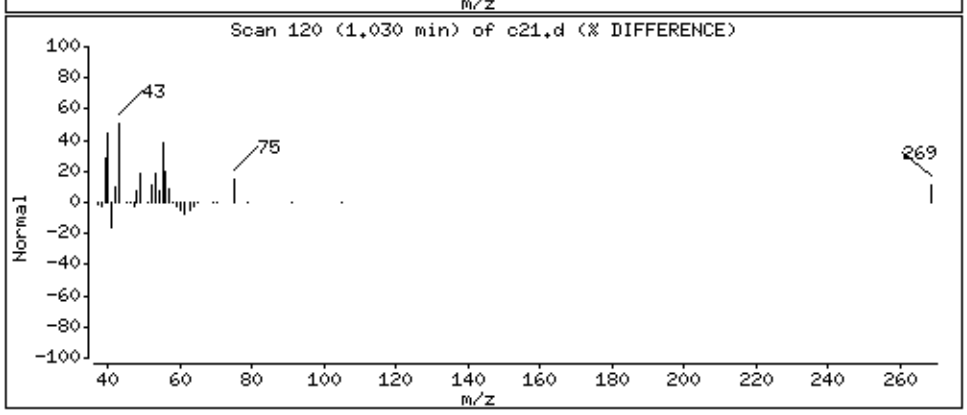
Concentration: 1.18 ppb

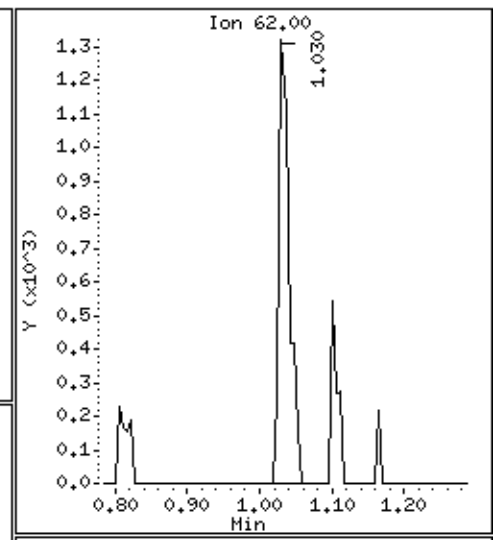
Review Code:

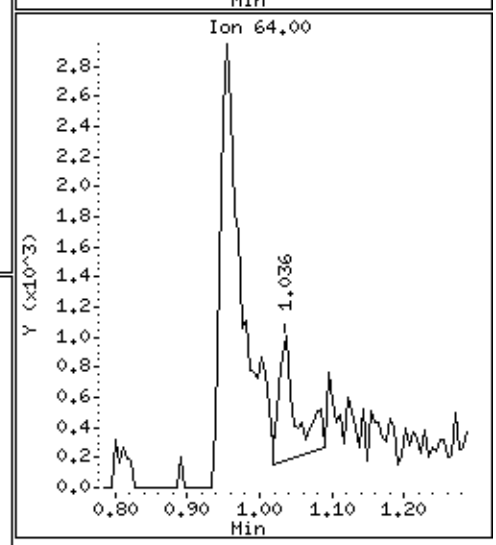












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d

Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

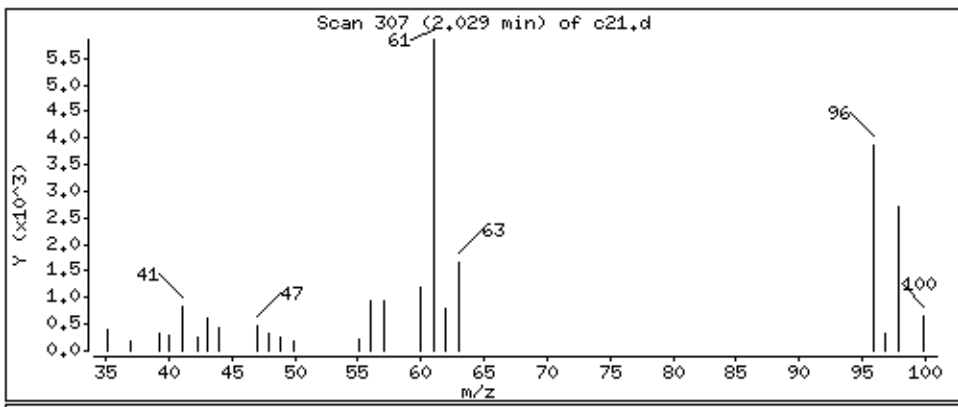
Column phase: DB-624

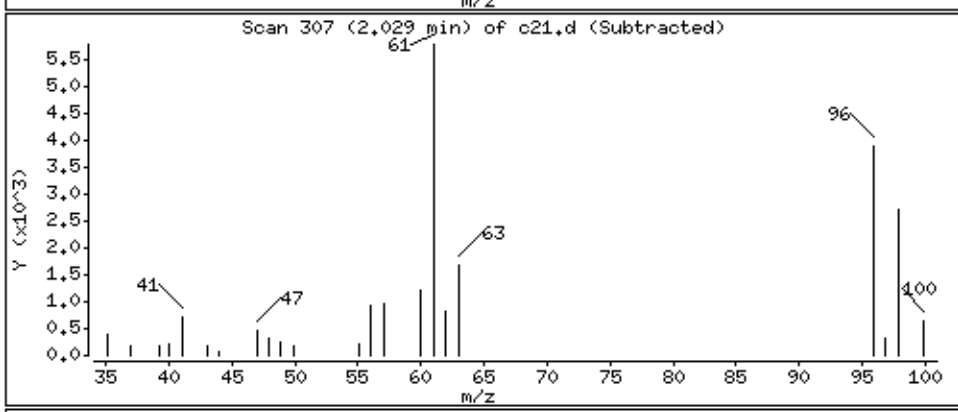
Column diameter: 0.18

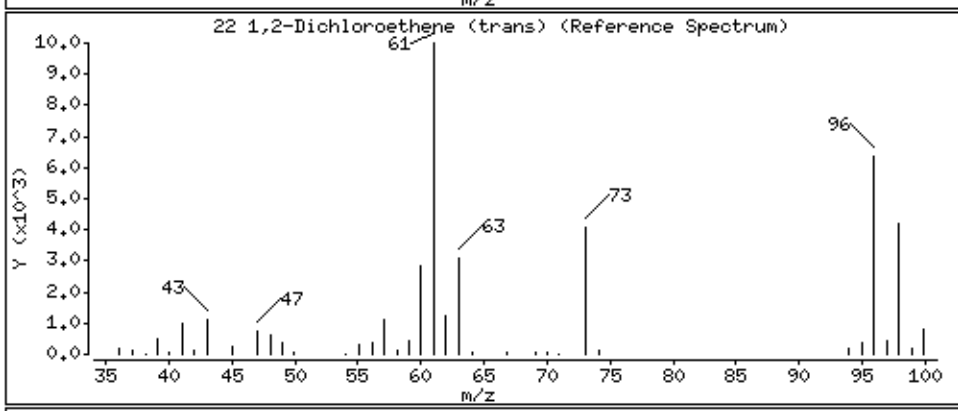
22 1,2-Dichloroethene (trans)

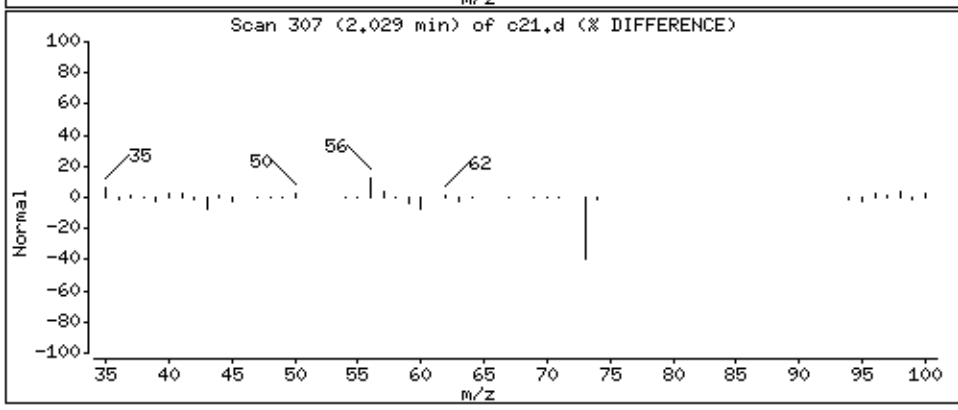
Concentration: 7.48 ppb

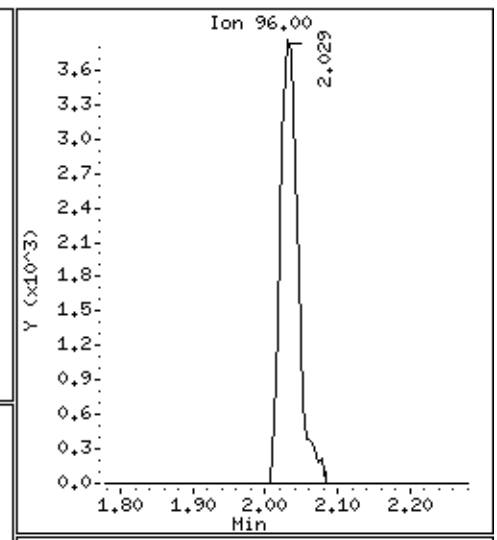
Review Code:

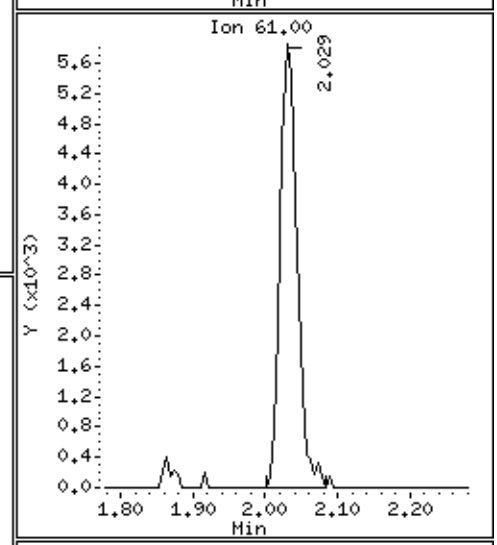


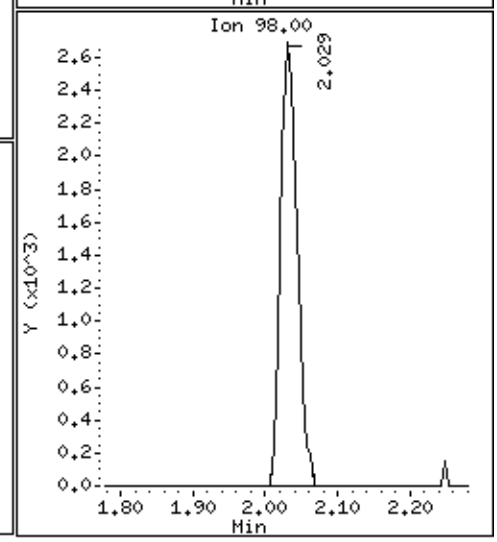












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d

Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

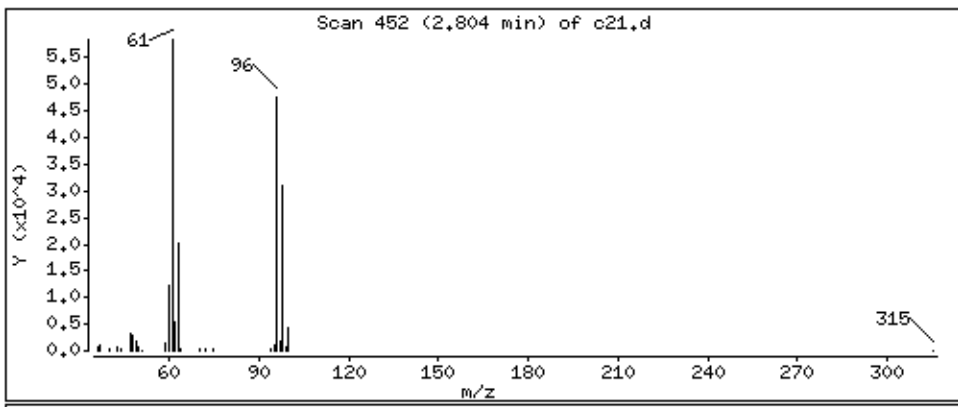
Column phase: DB-624

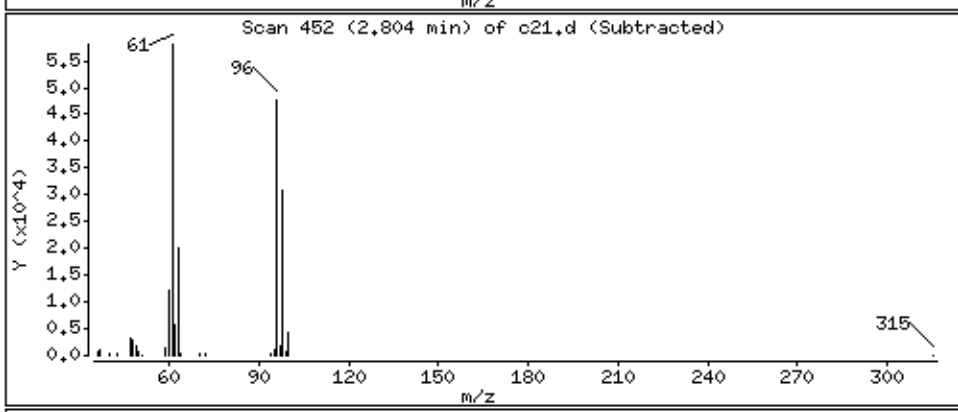
Column diameter: 0.18

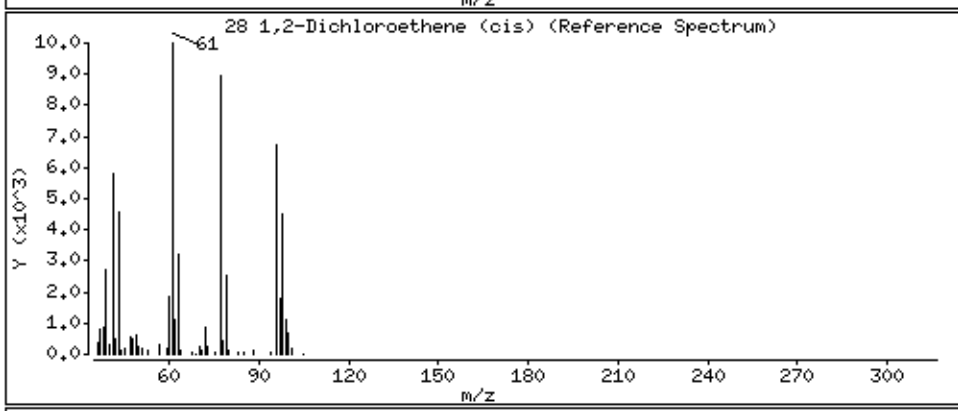
28 1,2-Dichloroethene (cis)

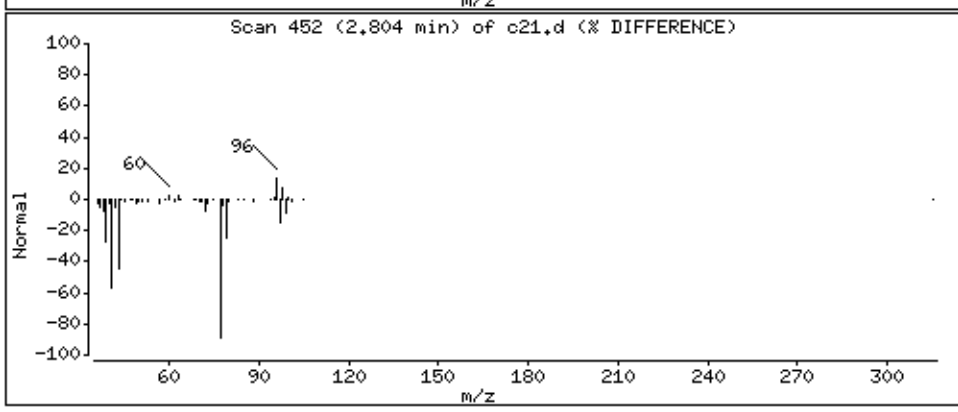
Concentration: 105 ppb

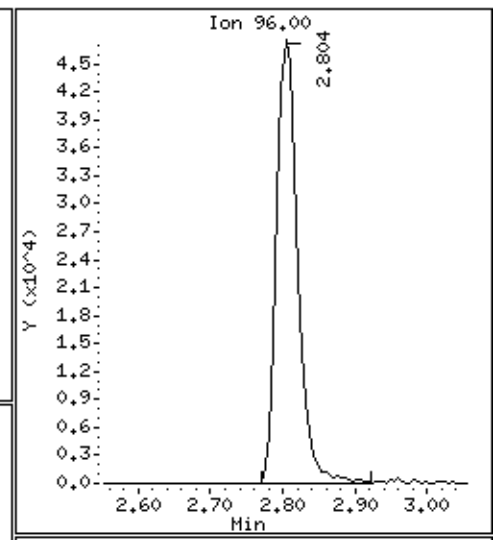
Review Code:

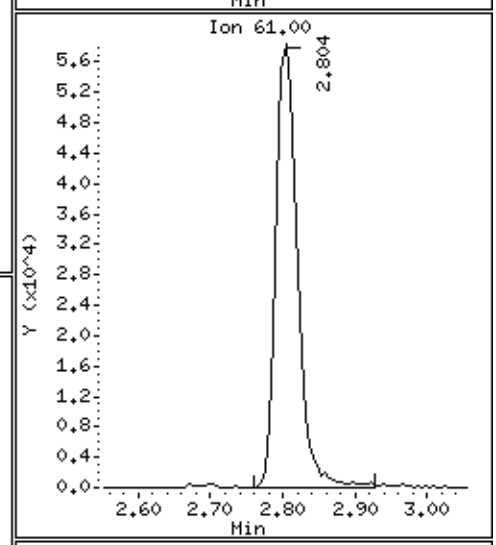


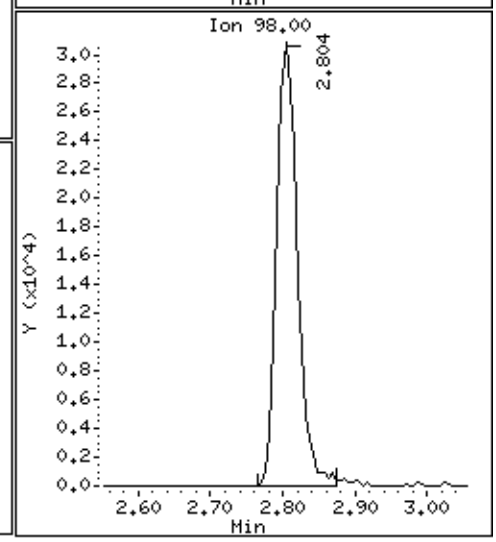












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d

Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

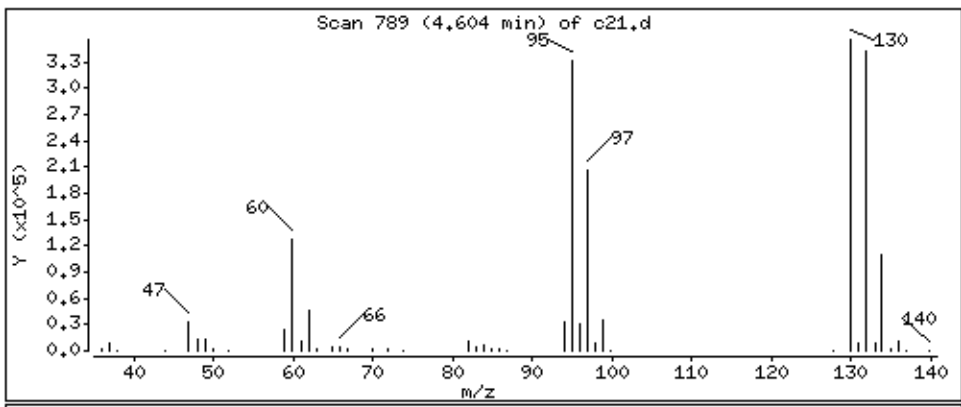
Column phase: DB-624

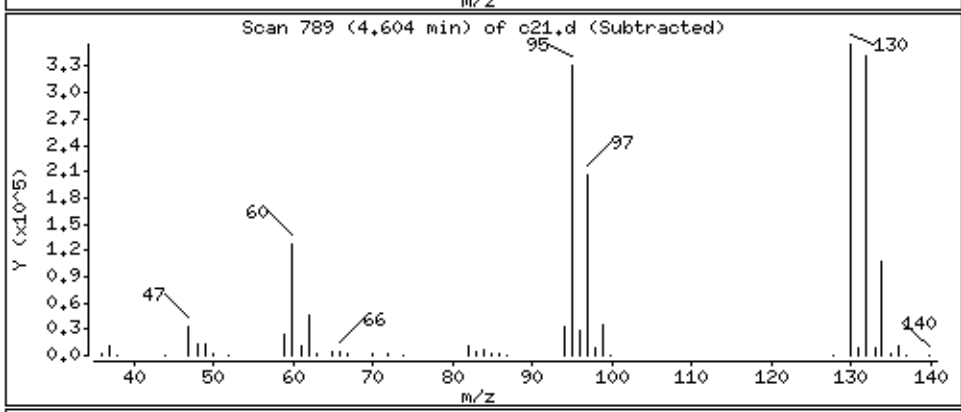
Column diameter: 0.18

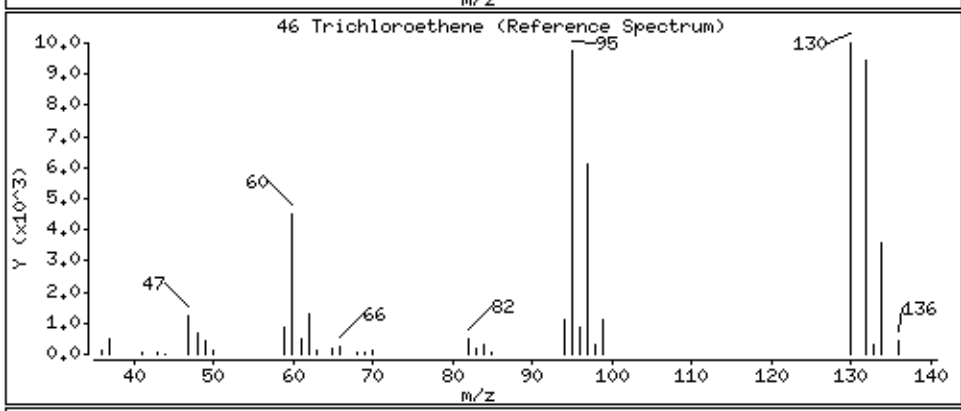
46 Trichloroethene

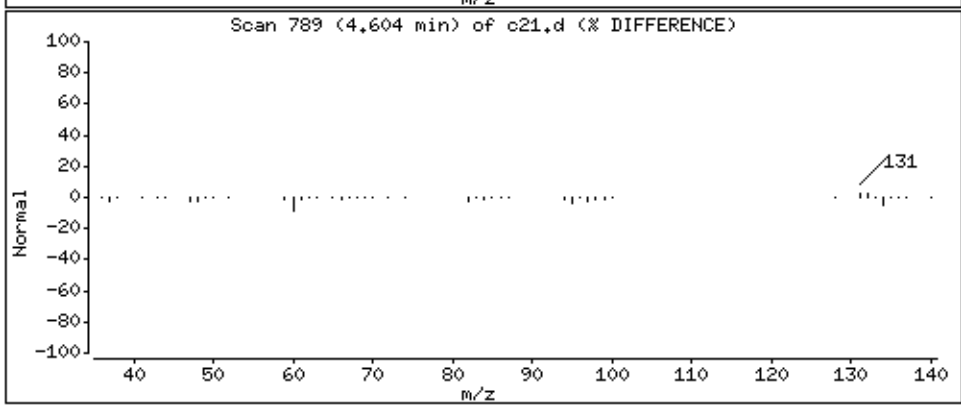
Concentration: 818 ppb

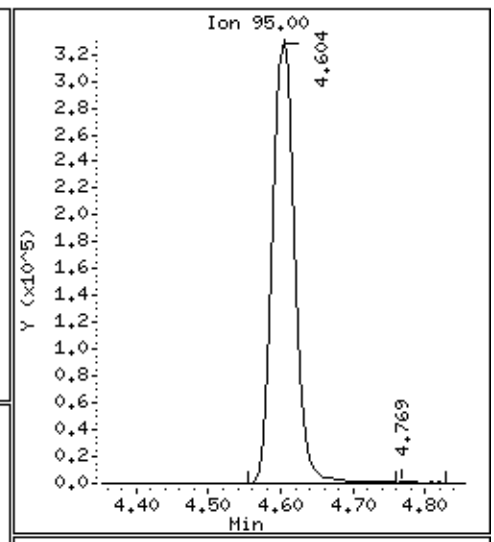
Review Code:

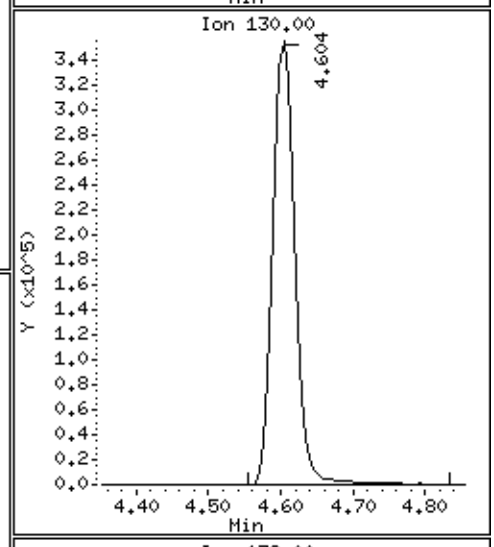


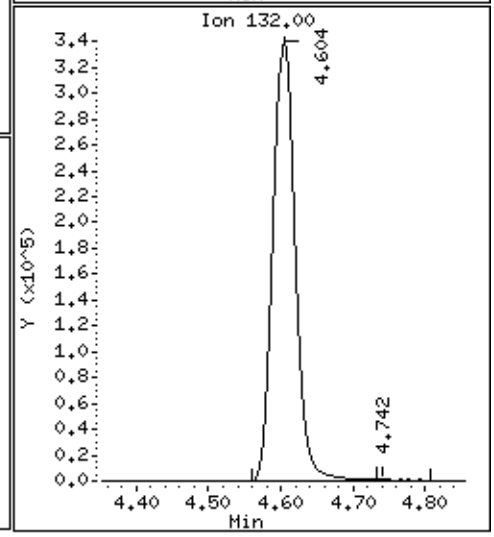












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d

Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

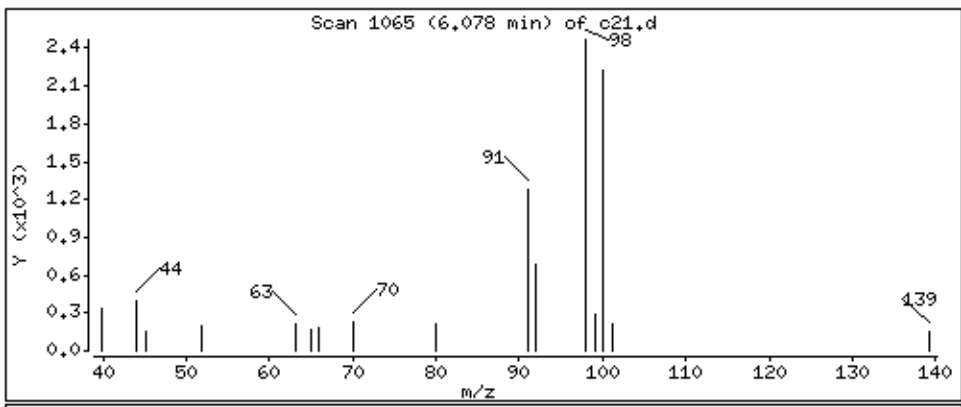
Column phase: DB-624

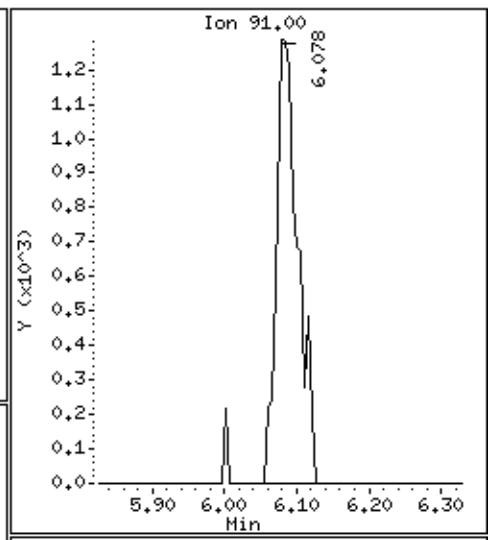
Column diameter: 0.18

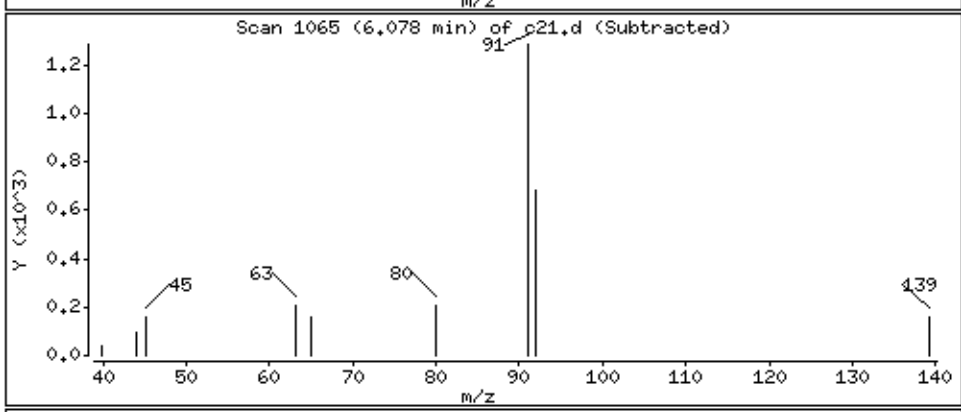
57 Toluene

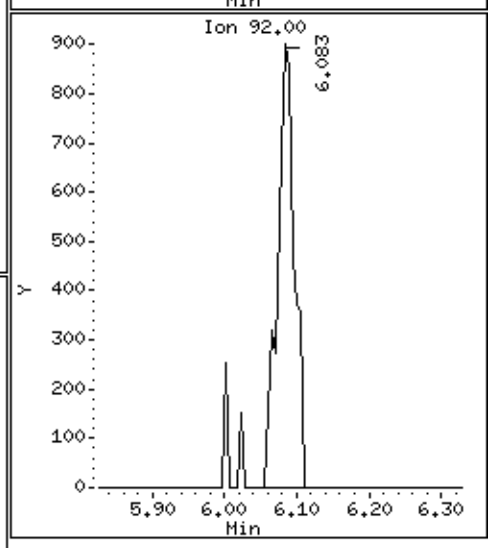
Concentration: 0.724 ppb

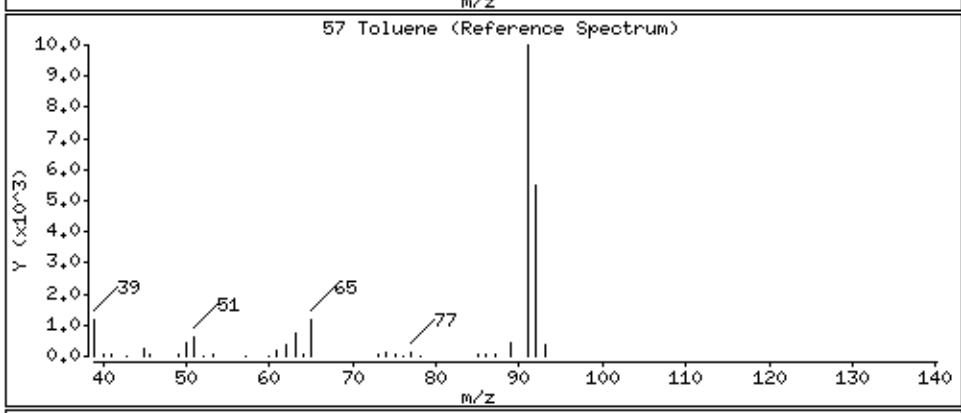
Review Code:

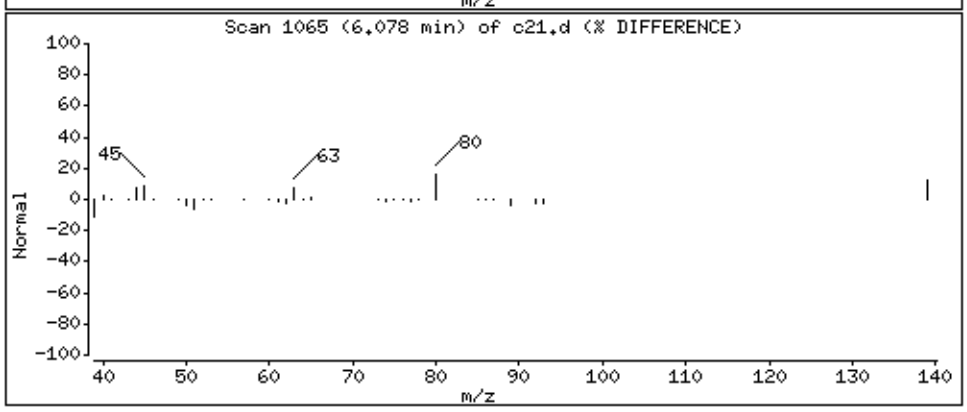












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c21.d

Date : 10-OCT-2017 09:40

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3a.i

Sample Info: 50180760018x5

Purge Volume: 5.0

Operator: jlz

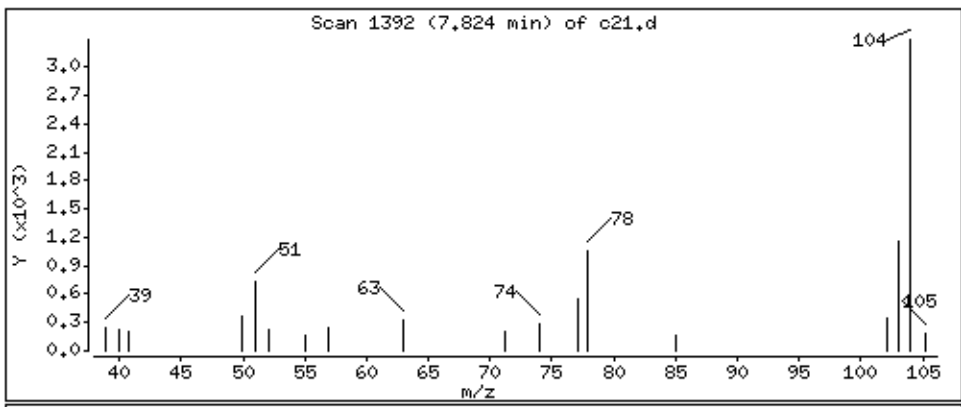
Column phase: DB-624

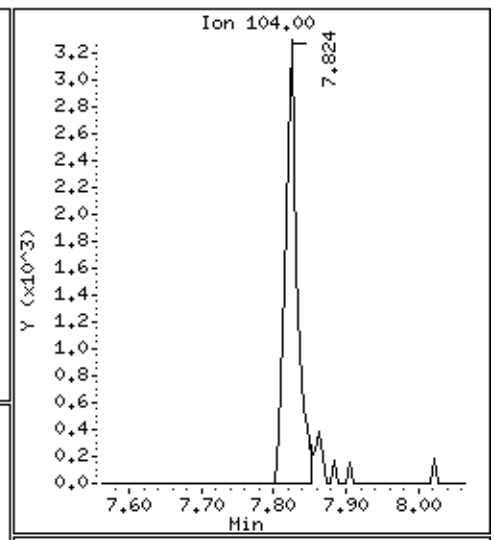
Column diameter: 0.18

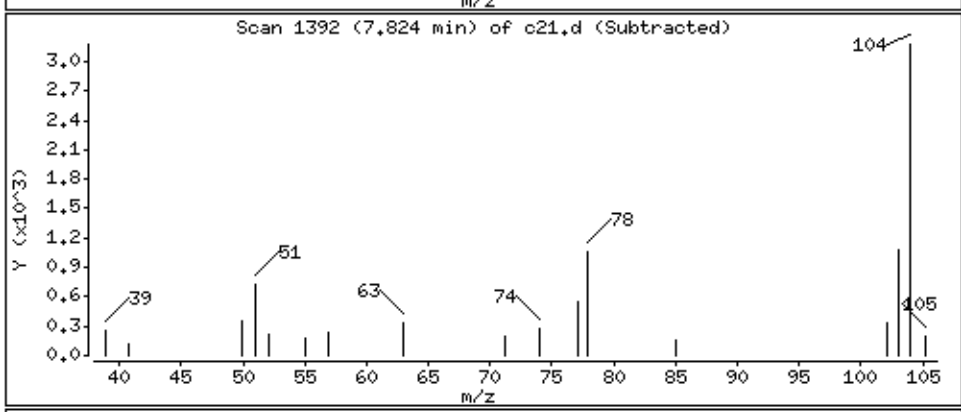
72 Styrene

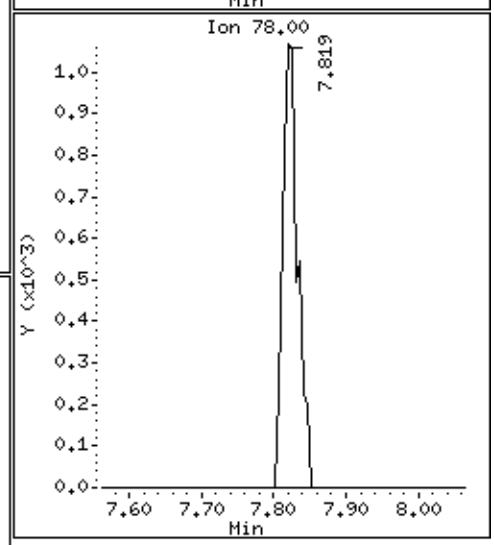
Concentration: 1.66 ppb

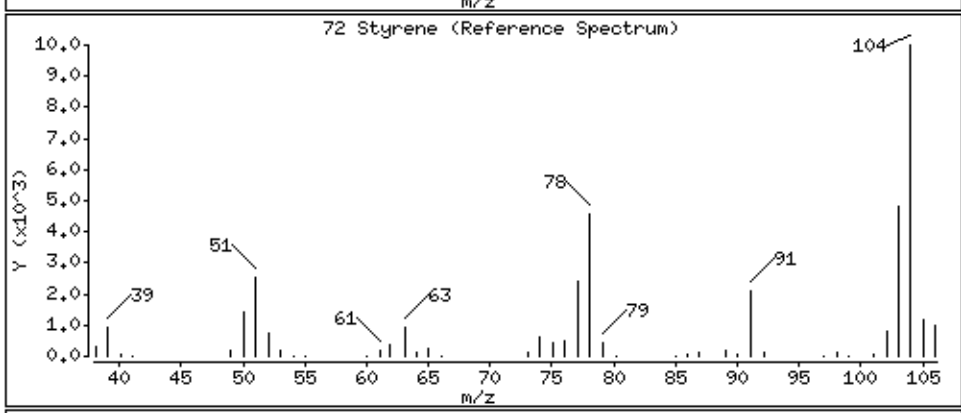
Review Code:

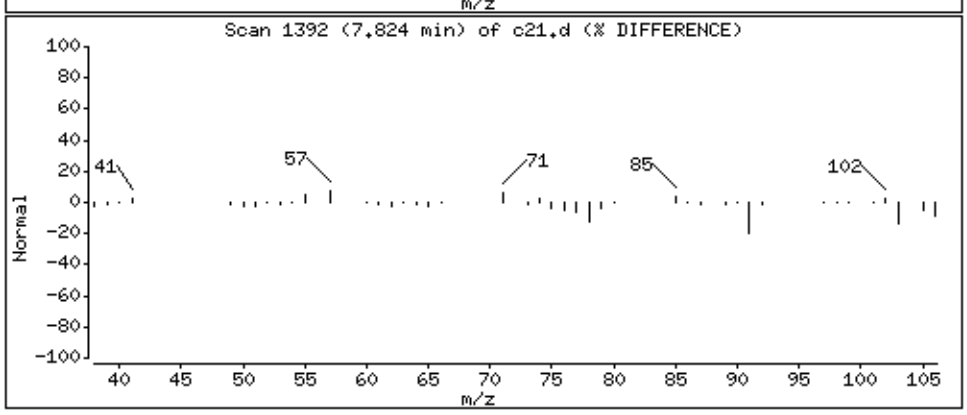












Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b/c21.d
Injection Date: 10-OCT-2017 09:40
Instrument: 50mv3a.i
Lab Sample ID: 50180760018
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0619-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 00:47 Lab Sample ID: 50180760018

Date Analyzed: 10/06/2017 00:47 Lab File ID: B100517.B\D05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	114	
156-60-5	trans-1,2-Dichloroethene	8.0	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0619-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 00:47 Lab Sample ID: 50180760018

Date Analyzed: 10/06/2017 00:47 Lab File ID: B100517.B\D05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d
Lab Smp Id: 50180760018 Client Smp ID: MW-0619-S1 (092717)
Inj Date : 06-OCT-2017 00:47
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760018
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 58
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
3 Vinyl Chloride	62	1.048	1.044	(0.252)	3171	1.18162	1.18	
12 Acetone	43	1.614	1.611	(0.388)	5841	22.7190	22.7	
22 1,2-Dichloroethene (trans)	96	2.046	2.043	(0.492)	15036	8.03679	8.04	
28 1,2-Dichloroethene (cis)	96	2.816	2.818	(0.677)	224364	114.151	114(Q)	
$ 35 Dibromofluoromethane (S)	113	3.334	3.330	(0.801)	69232	50.0411	50.0	
* 44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	287286	50.0000		
45 Trichloroethene	95	4.615	4.612	(1.109)	1720560	889.270	889	
$ 55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	292150	49.1729	49.2	
* 65 Chlorobenzene-D5 (IS)	117	7.339	7.336	(1.000)	225081	50.0000		
68 Ethylbenzene	106	7.446	7.443	(1.015)	1060	0.30794	0.308	
$ 74 4-Bromofluorobenzene (S)	95	8.157	8.153	(1.111)	102732	46.0217	46.0	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.832	(1.000)	114305	50.0000		
95 Naphthalene	128	9.999	9.991	(1.132)	1219	0.26118	0.261	

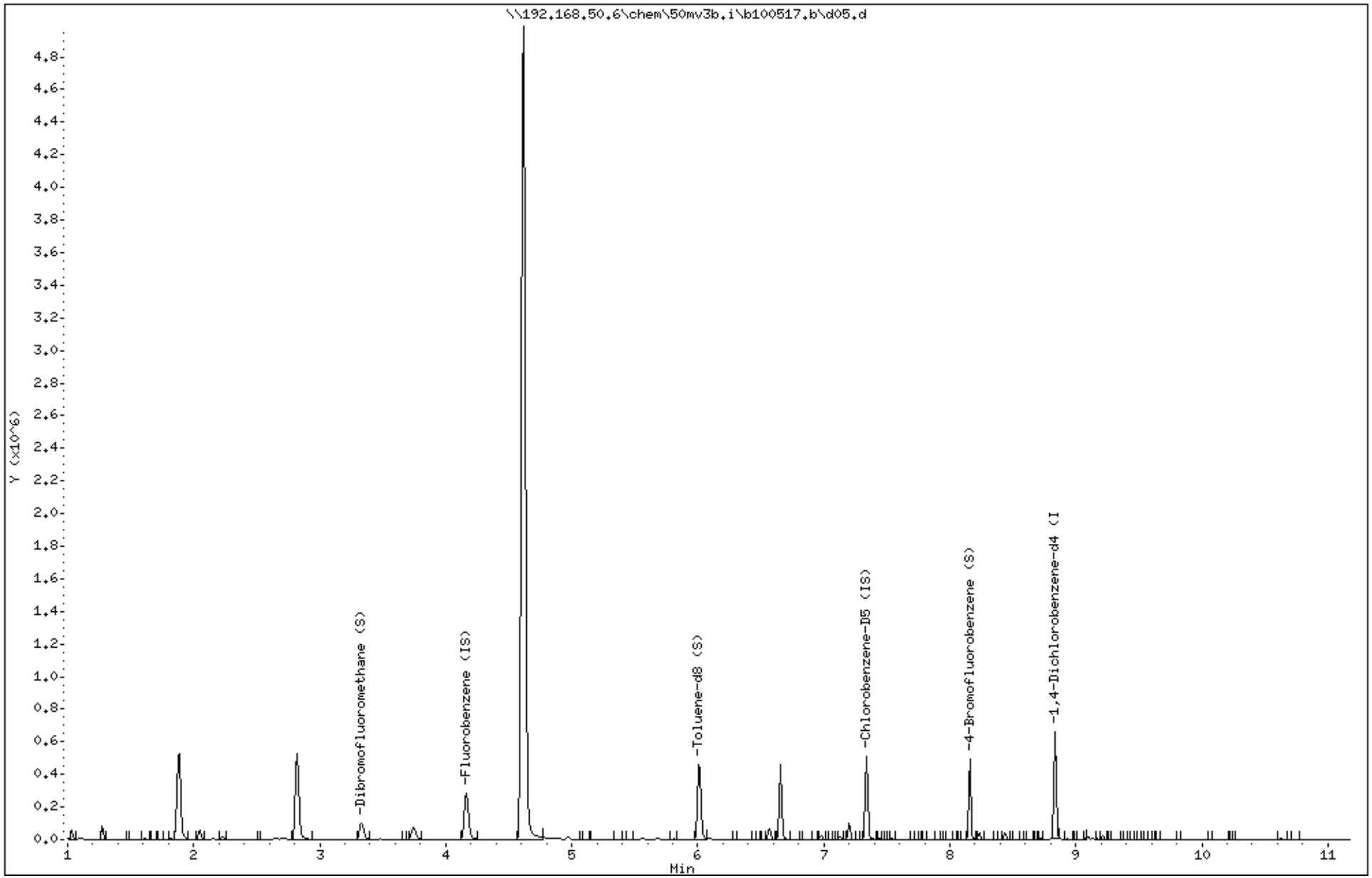
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d
Date : 06-OCT-2017 00:47
Client ID: MW-0619-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760018
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

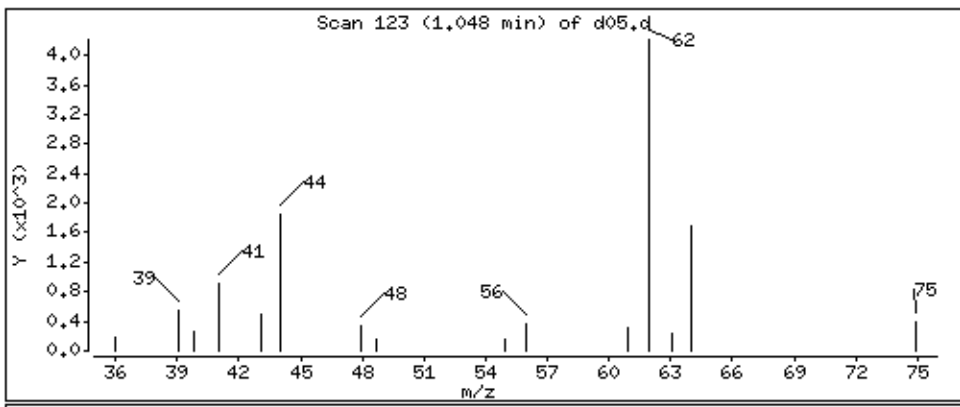
Column phase: DB-624

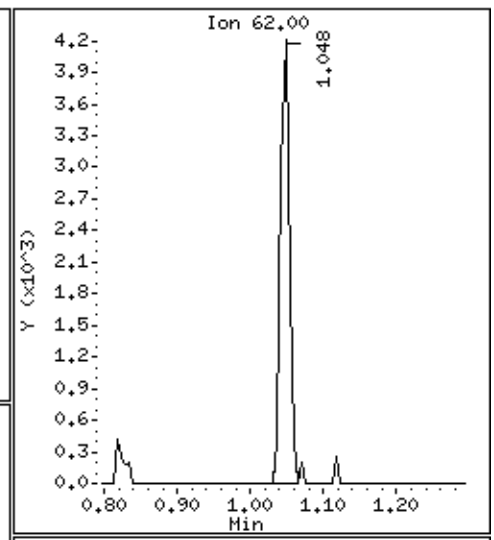
Column diameter: 0.18

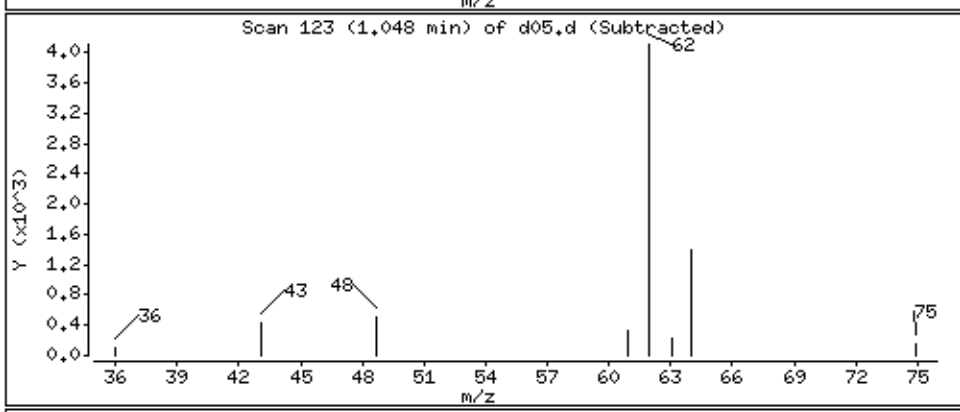
3 Vinyl Chloride

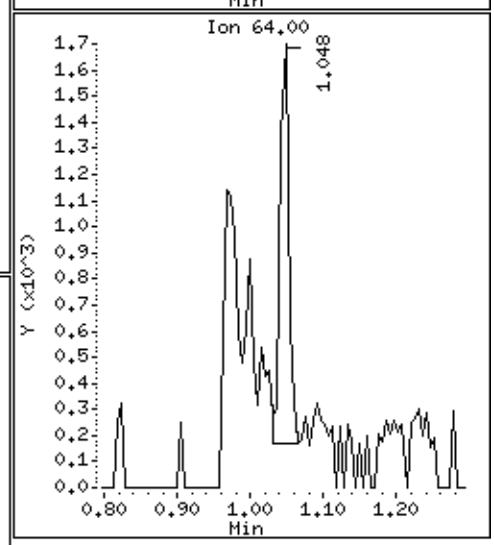
Concentration: 1.18 ppb

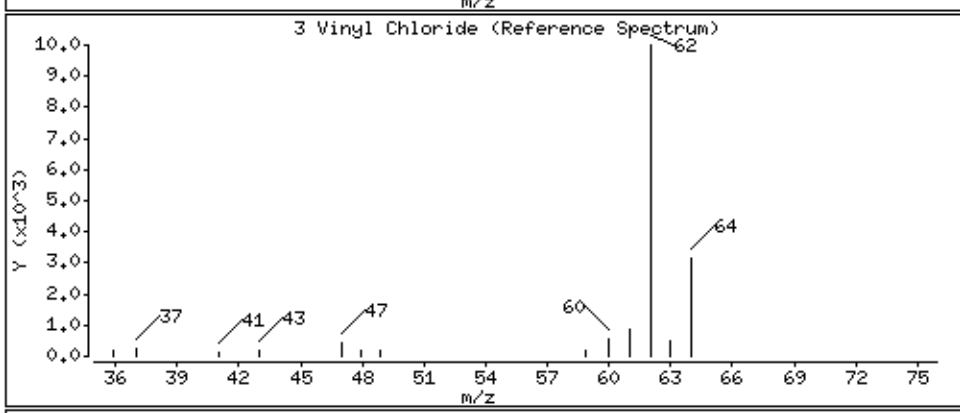
Review Code:

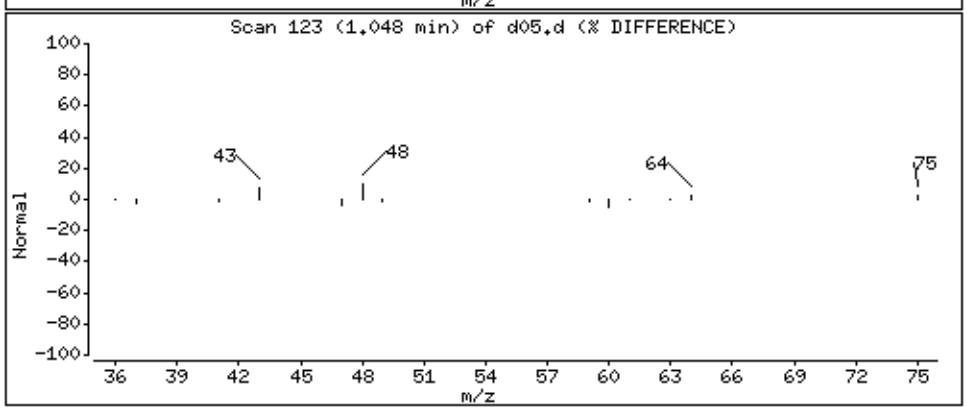












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

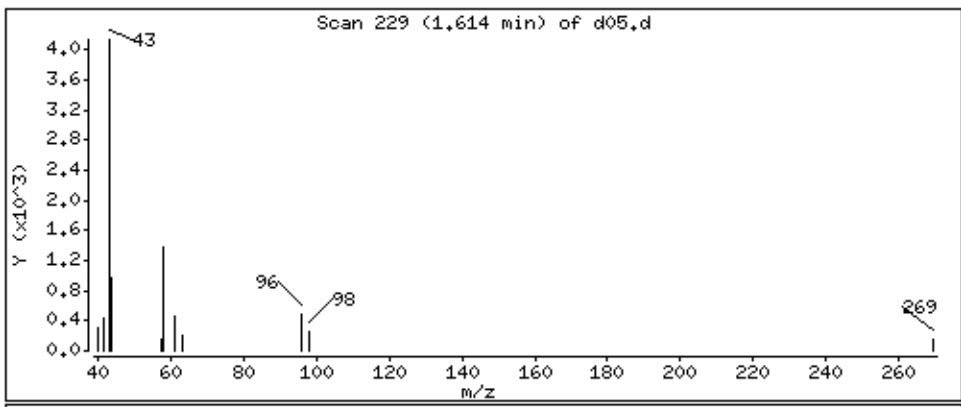
Column phase: DB-624

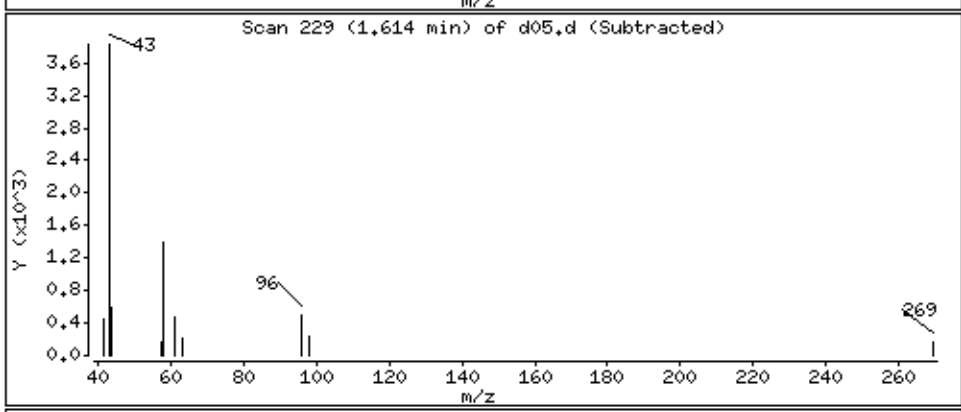
Column diameter: 0.18

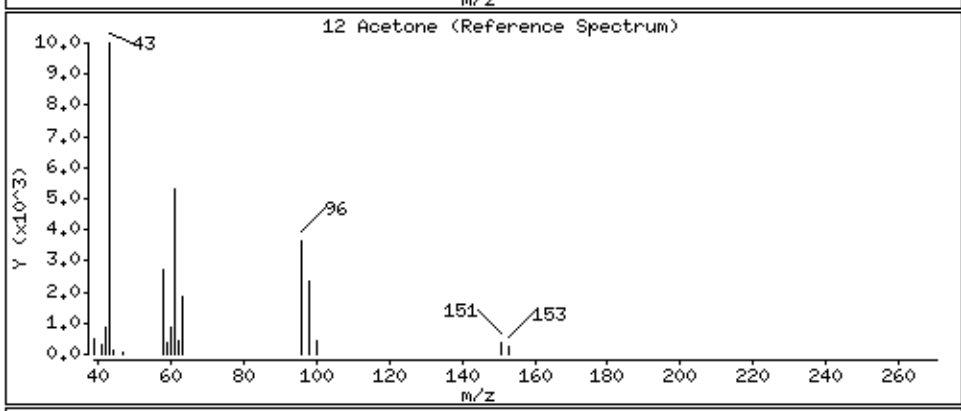
12 Acetone

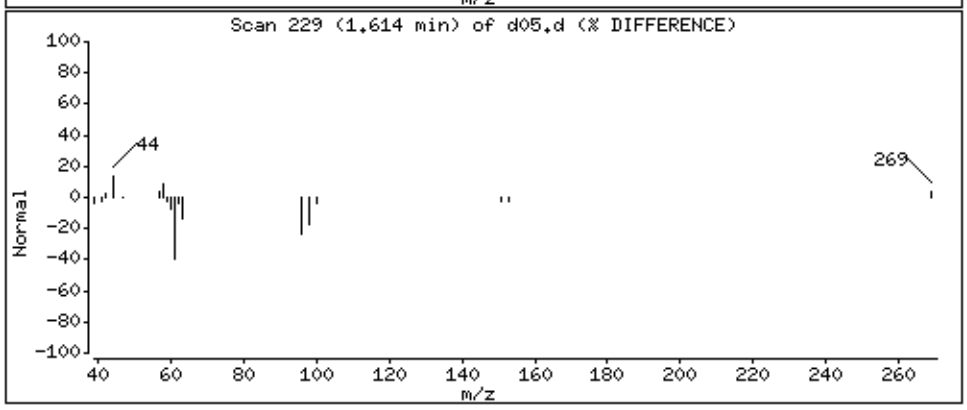
Concentration: 22.7 ppb

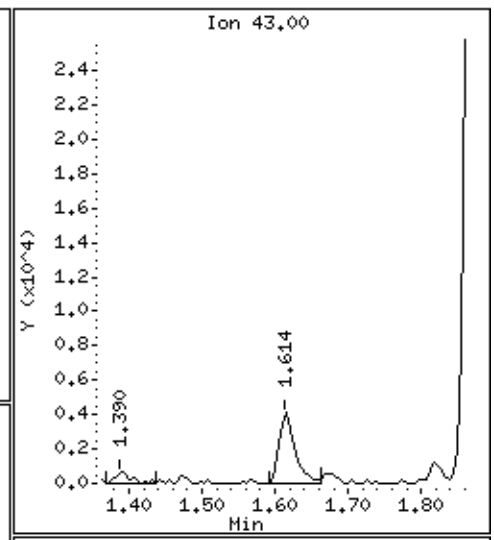
Review Code:

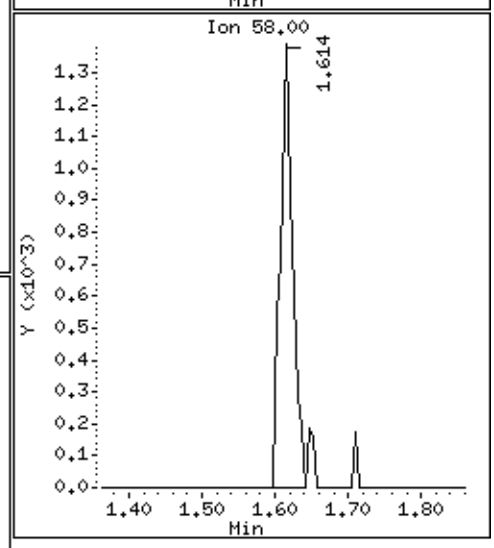












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

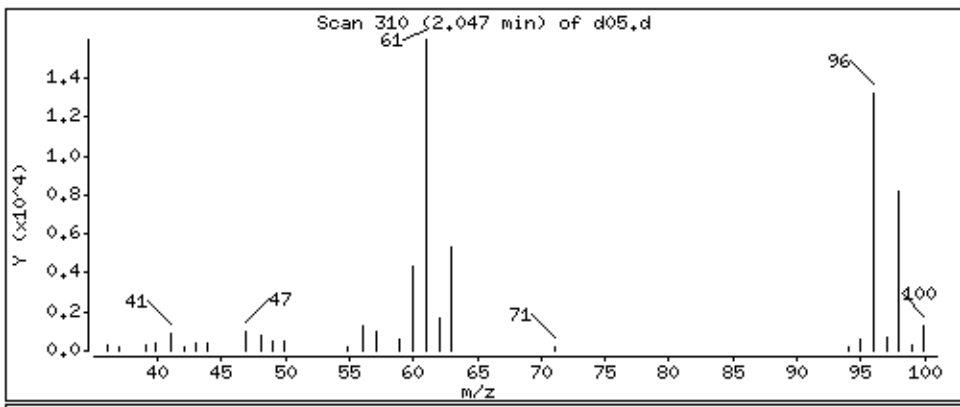
Column phase: DB-624

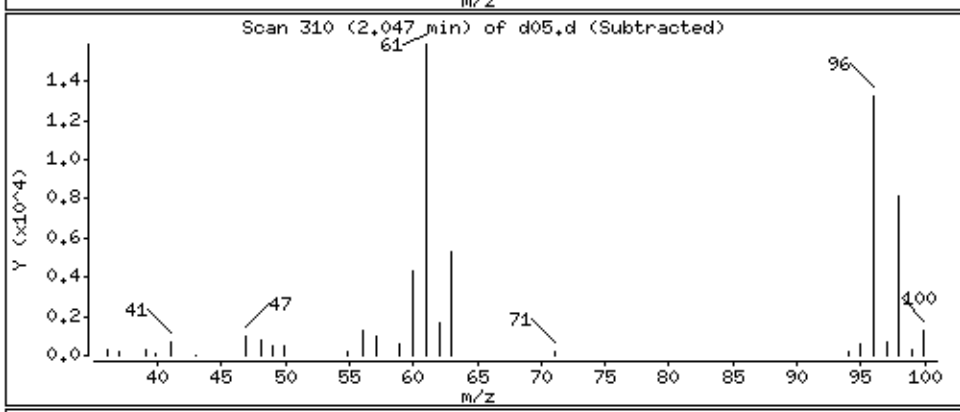
Column diameter: 0.18

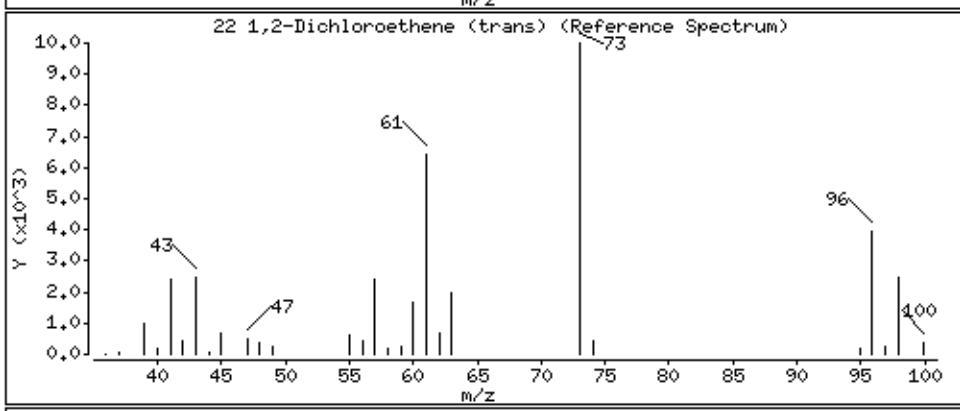
22 1,2-Dichloroethene (trans)

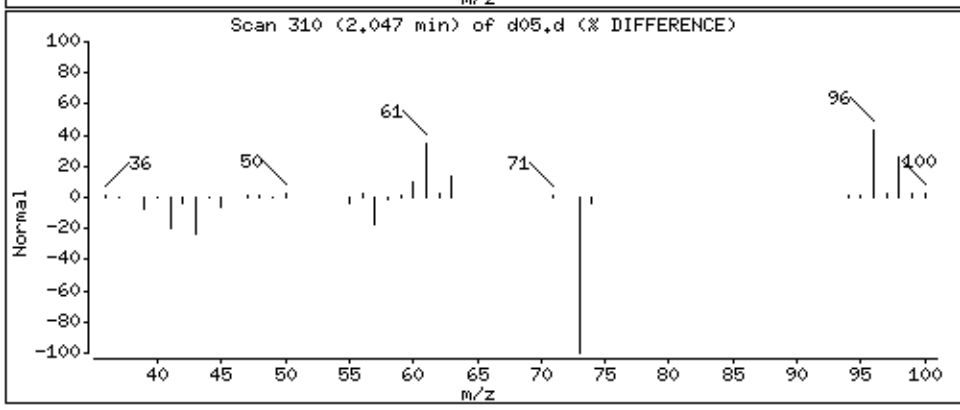
Concentration: 8.04 ppb

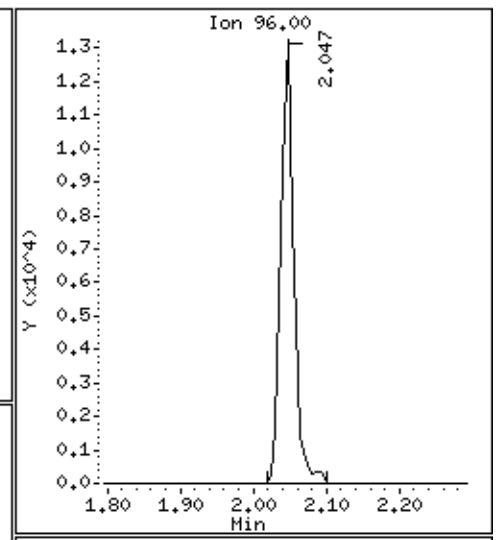
Review Code:

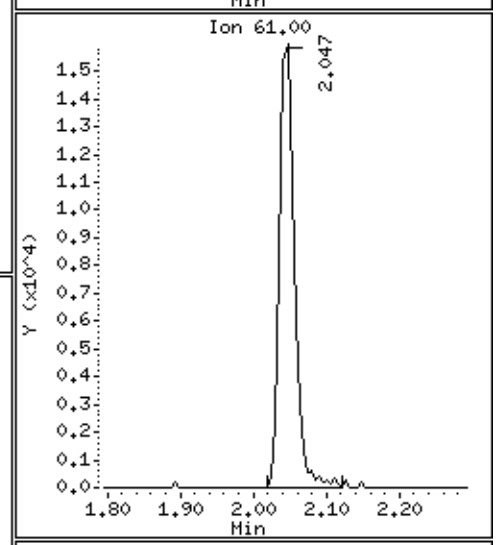


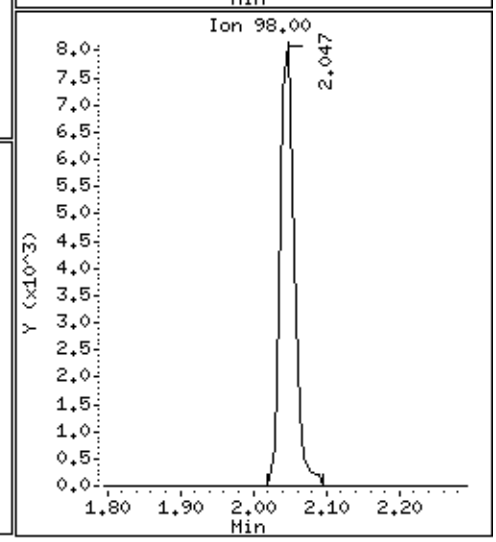












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

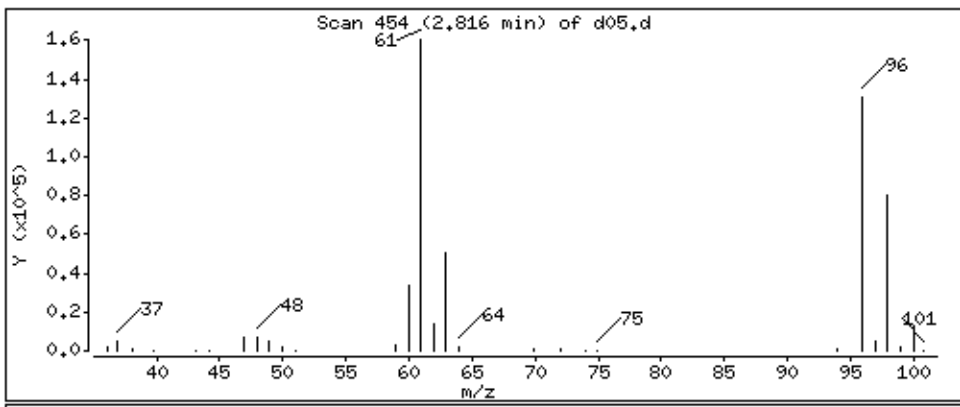
Column phase: DB-624

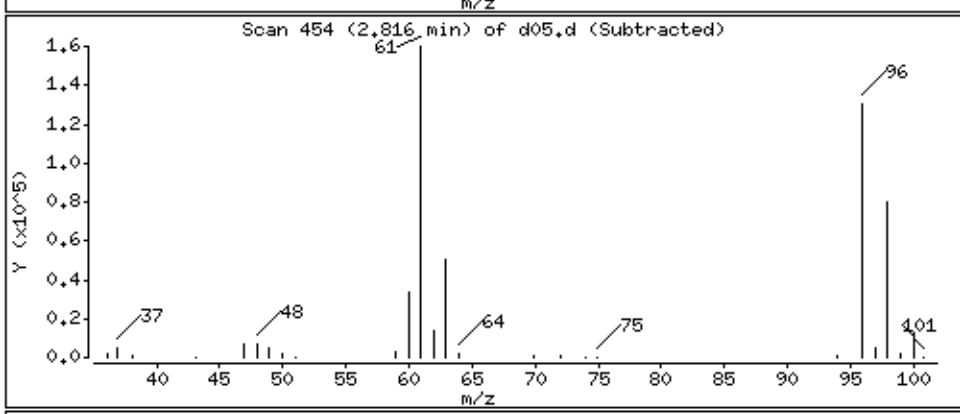
Column diameter: 0.18

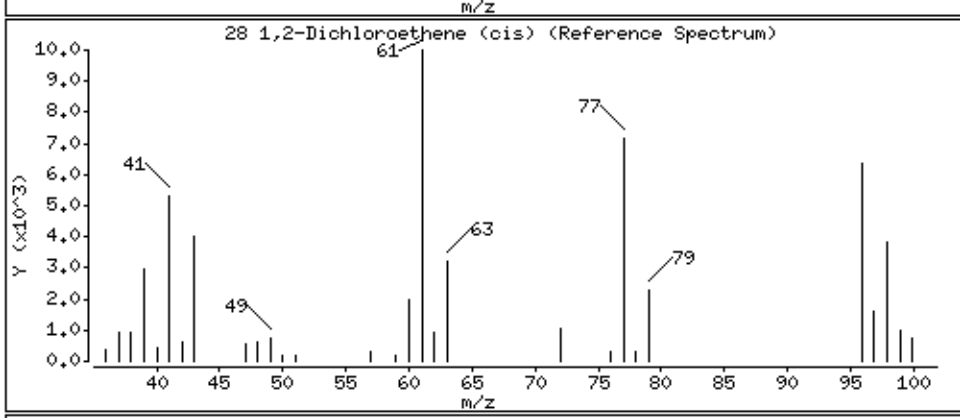
28 1,2-Dichloroethene (cis)

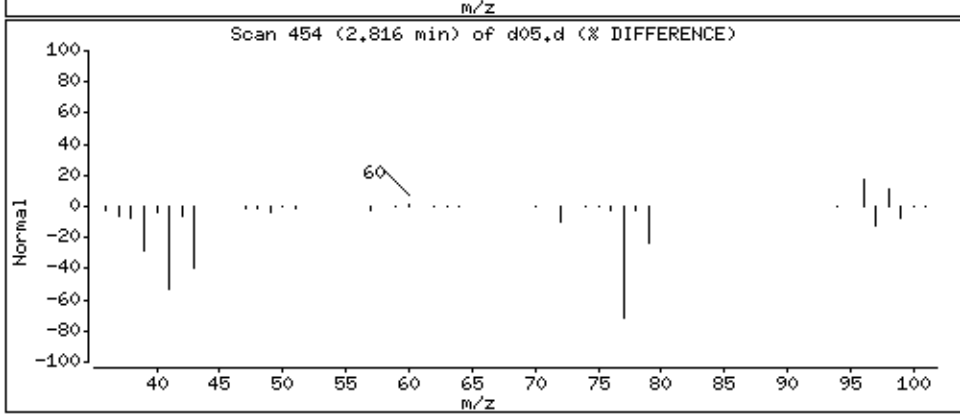
Concentration: 114 ppb

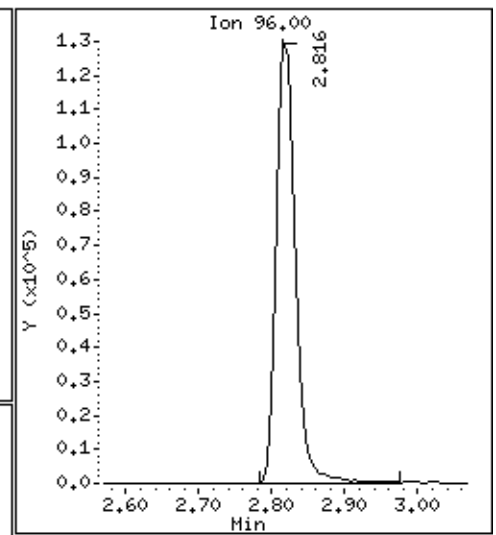
Review Code:

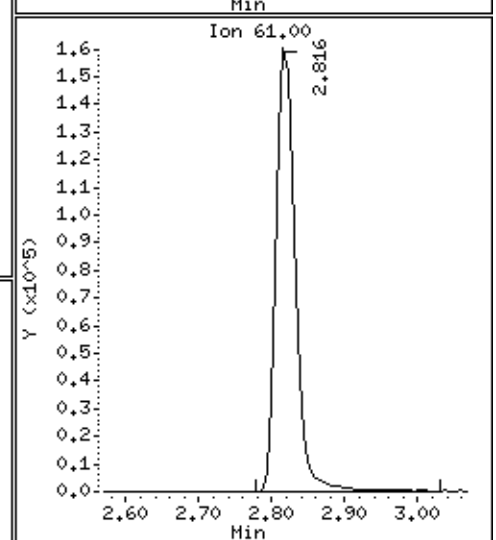


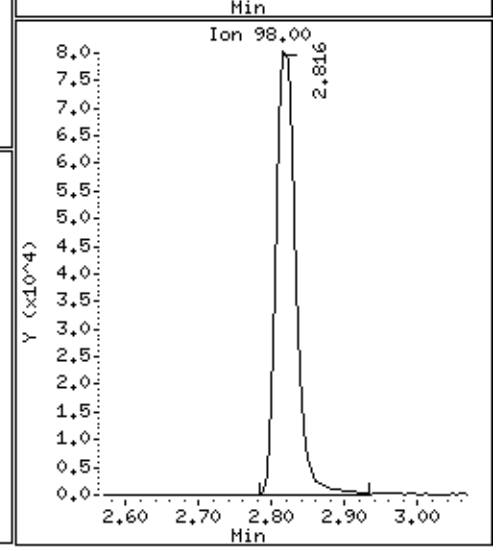












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

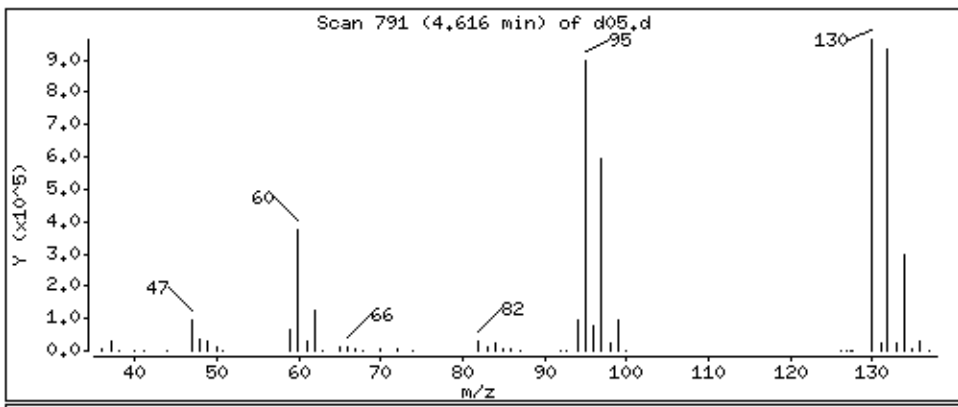
Column phase: DB-624

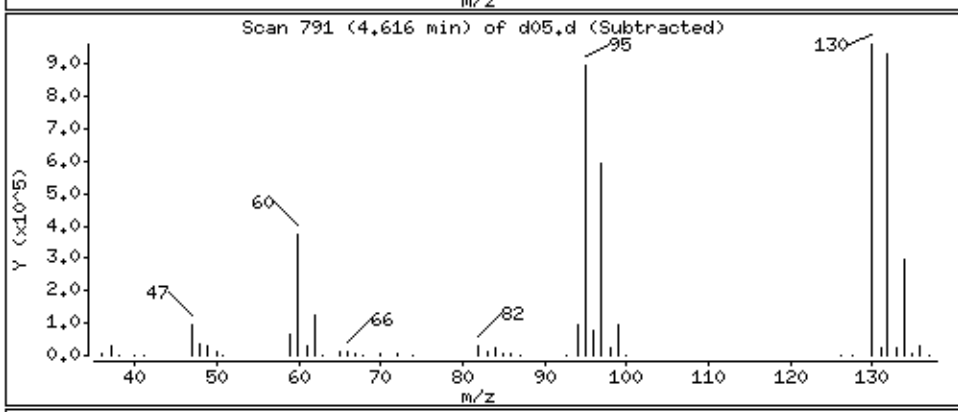
Column diameter: 0.18

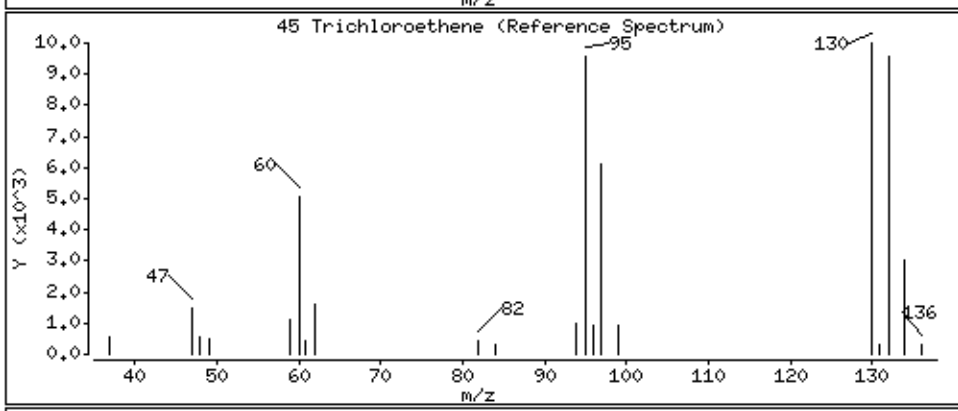
45 Trichloroethene

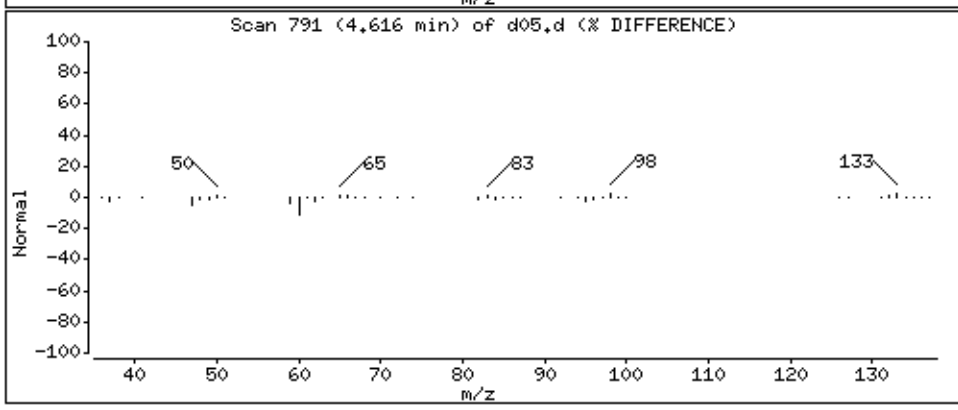
Concentration: 889 ppb

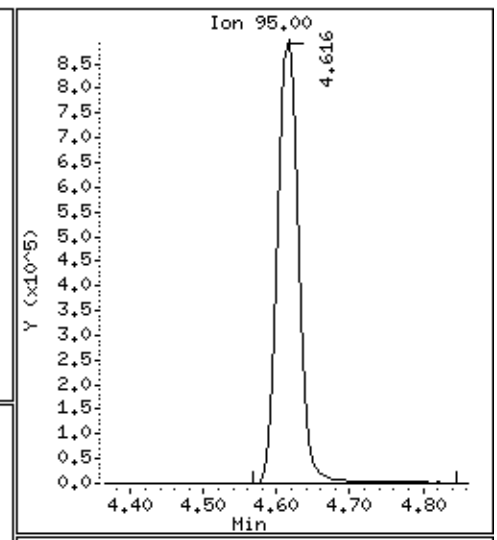
Review Code:

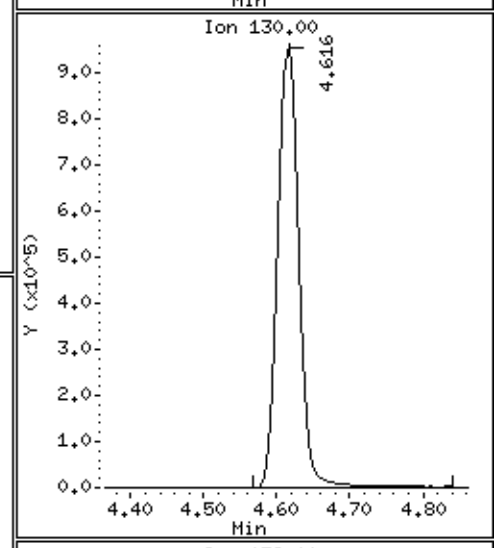


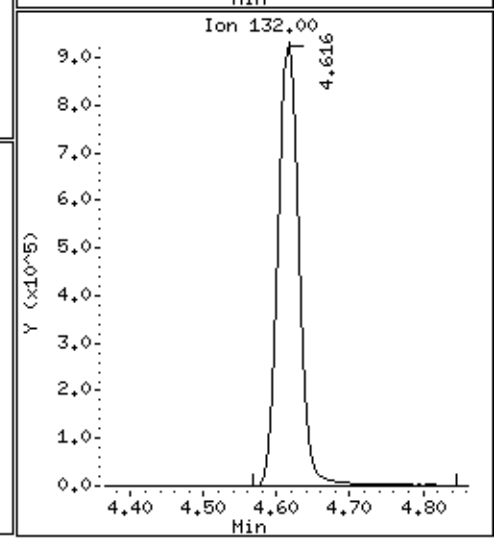












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

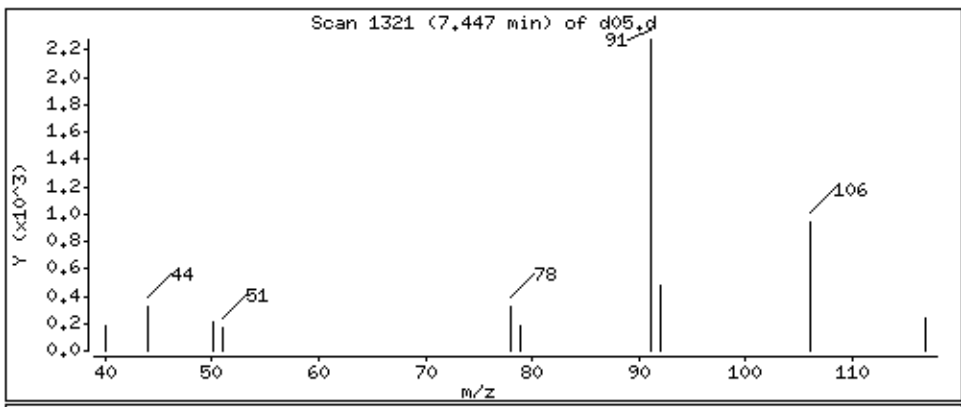
Column phase: DB-624

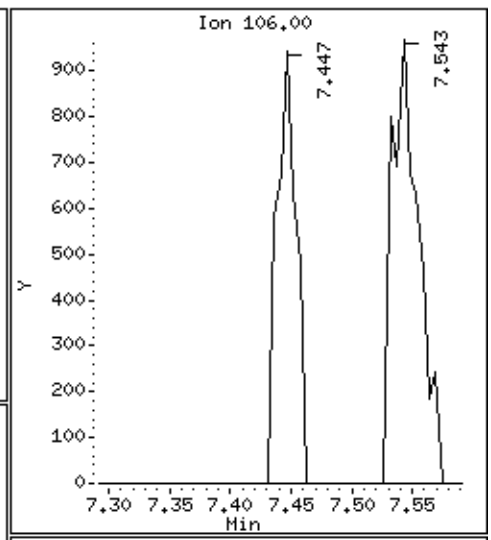
Column diameter: 0.18

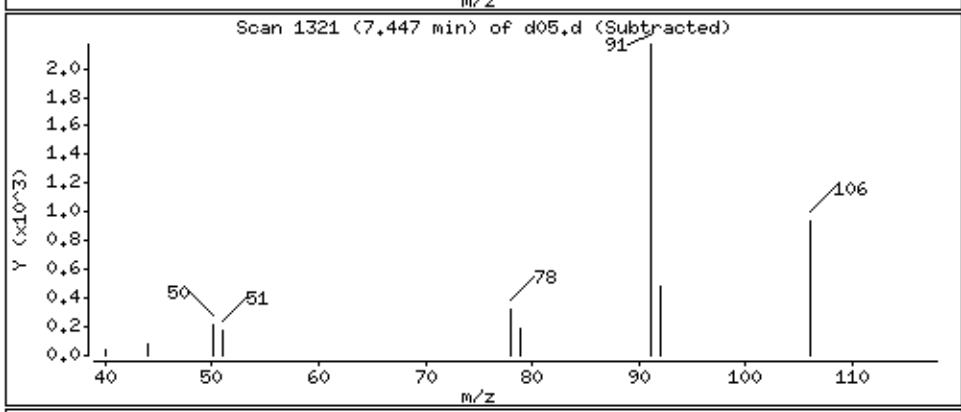
68 Ethylbenzene

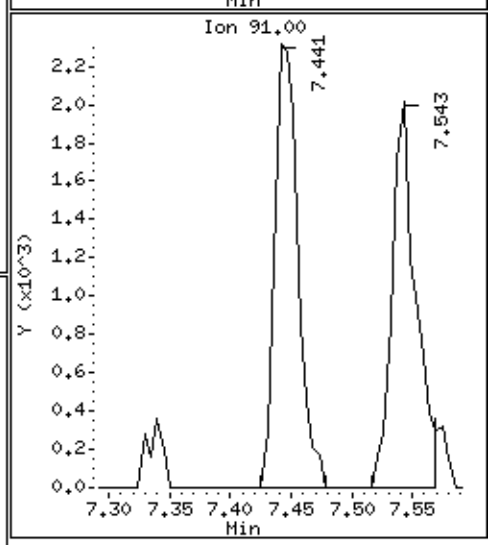
Concentration: 0.308 ppb

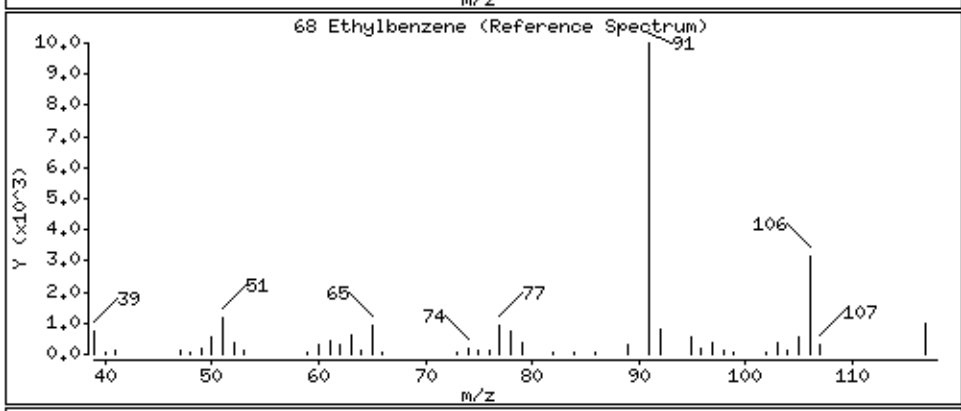
Review Code:

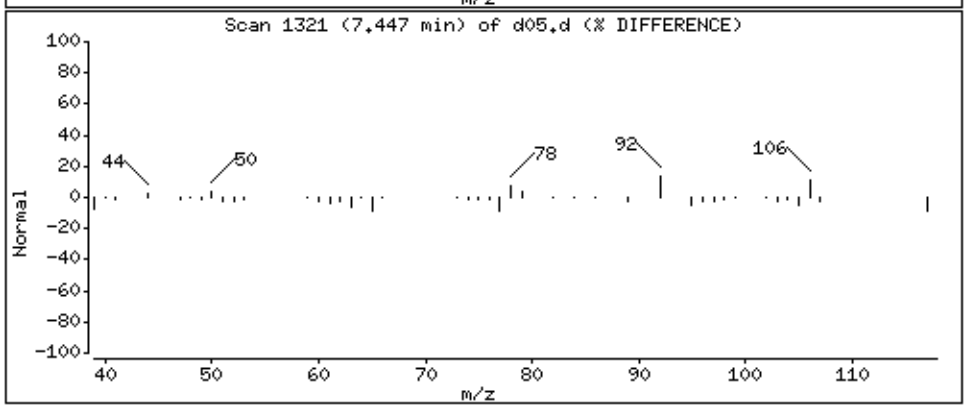












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d05.d

Date : 06-OCT-2017 00:47

Client ID: MW-0619-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760018

Purge Volume: 5.0

Operator: jlz

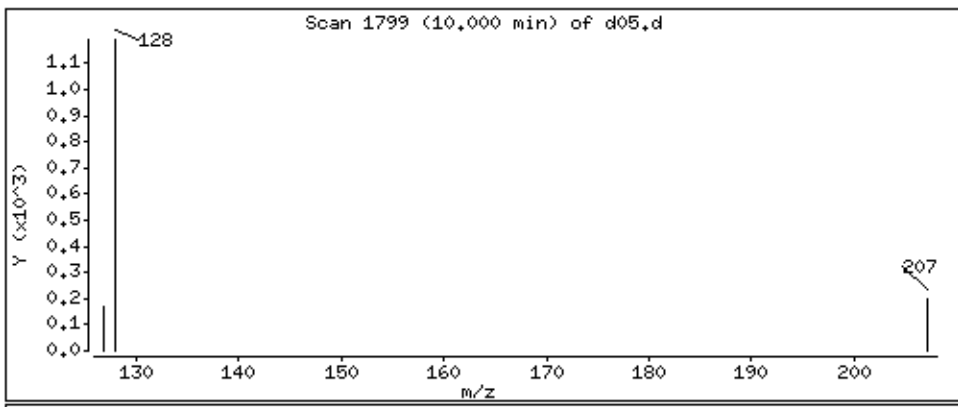
Column phase: DB-624

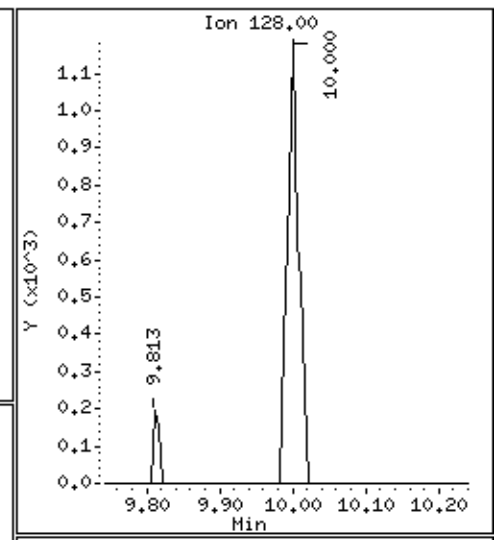
Column diameter: 0.18

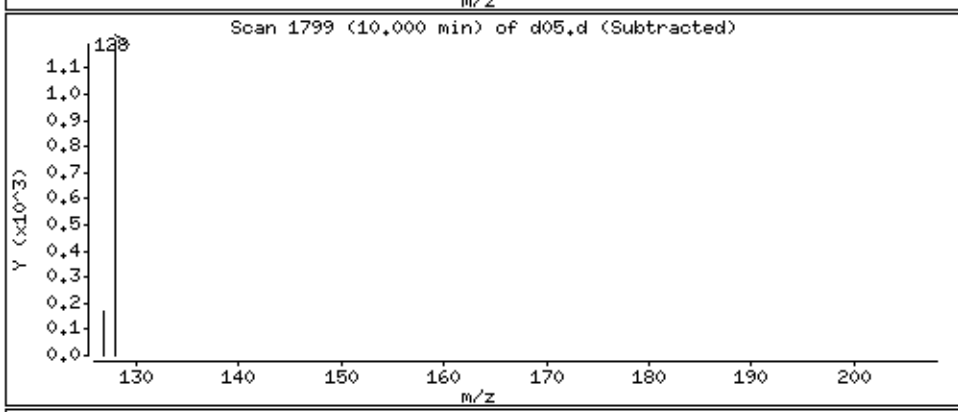
95 Naphthalene

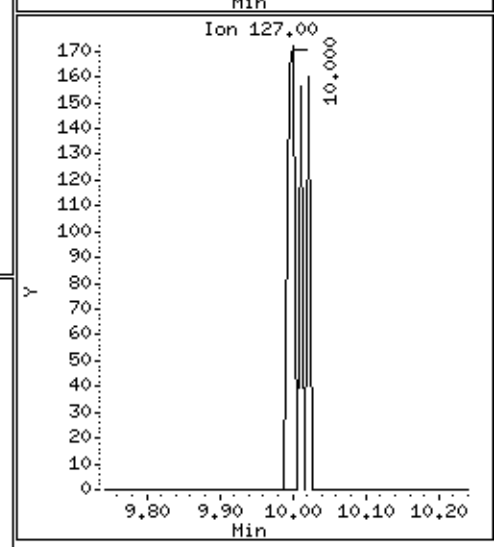
Concentration: 0.261 ppb

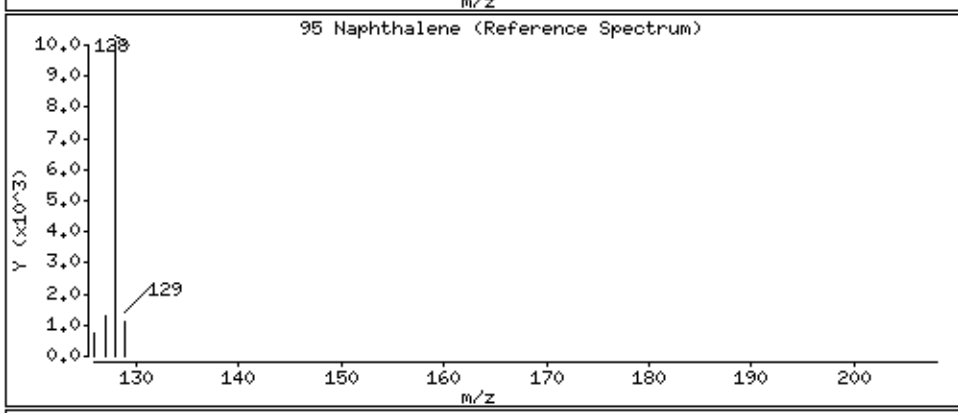
Review Code:

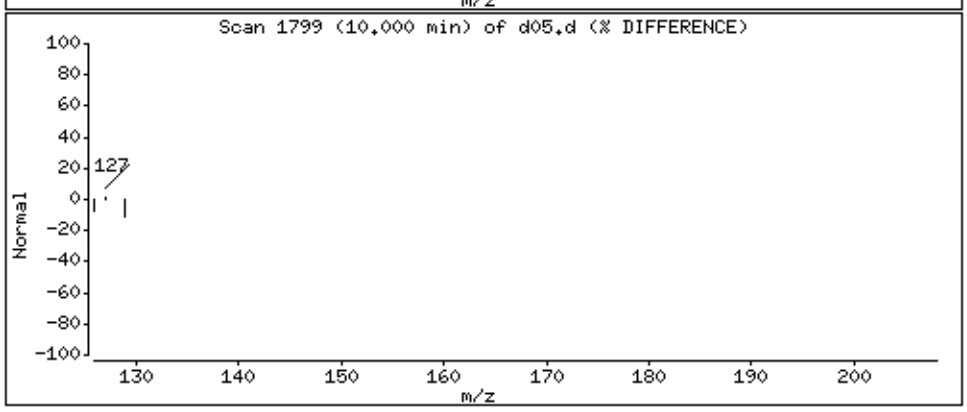












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d05.d
Injection Date: 06-OCT-2017 00:47
Instrument: 50mv3b.i
Lab Sample ID: 50180760018
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0622-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:19 Lab Sample ID: 50180760019

Date Analyzed: 10/06/2017 01:19 Lab File ID: B100517.B\D06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 20 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	1290	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0622-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:19 Lab Sample ID: 50180760019

Date Analyzed: 10/06/2017 01:19 Lab File ID: B100517.B\D06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 20 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d
Lab Smp Id: 50180760019 Client Smp ID: MW-0622-S1 (092717)
Inj Date : 06-OCT-2017 01:19
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760019x20
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 60
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	22 1,2-Dichloroethene (trans)	96	2.043	2.043	(0.491)	1826	0.97700	19.5	
	28 1,2-Dichloroethene (cis)	96	2.817	2.818	(0.677)	126327	64.3373	1290(Q)	
$	35 Dibromofluoromethane (S)	113	3.335	3.330	(0.801)	68687	49.6977	49.7	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	286994	50.0000		
	45 Trichloroethene	95	4.612	4.612	(1.108)	1049429	542.949	10800	
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	287078	48.9949	49.0	
	56 Toluene	91	6.086	6.081	(0.830)	1716	0.20463	4.09	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	221977	50.0000		
$	74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	101769	46.2278	46.2	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	116773	50.0000		
	95 Naphthalene	128	9.996	9.991	(1.132)	1009	0.21162	4.23	

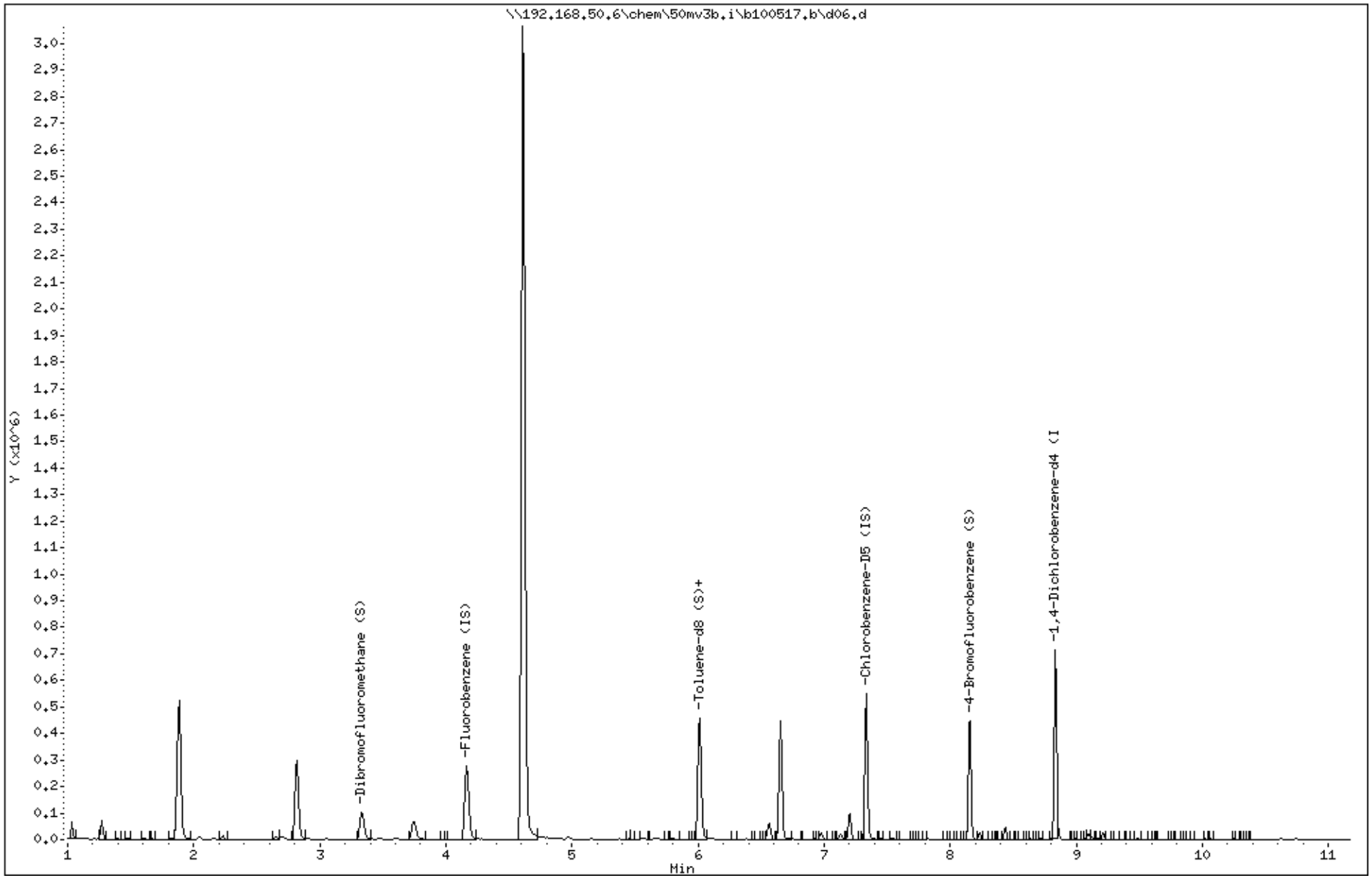
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d
Date : 06-OCT-2017 01:19
Client ID: MW-0622-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760019x20
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d

Date : 06-OCT-2017 01:19

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x20

Purge Volume: 5.0

Operator: jlz

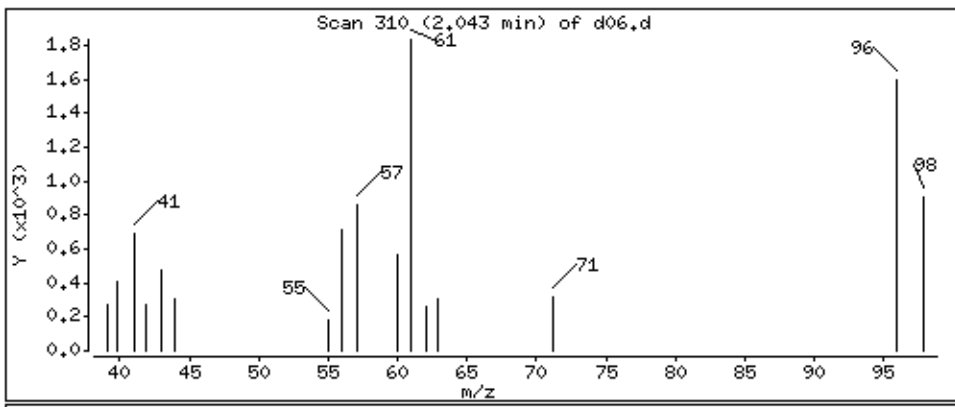
Column phase: DB-624

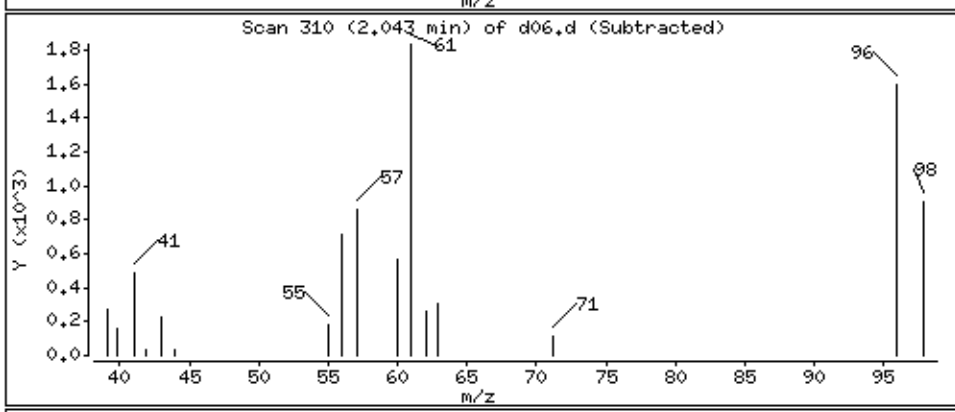
Column diameter: 0.18

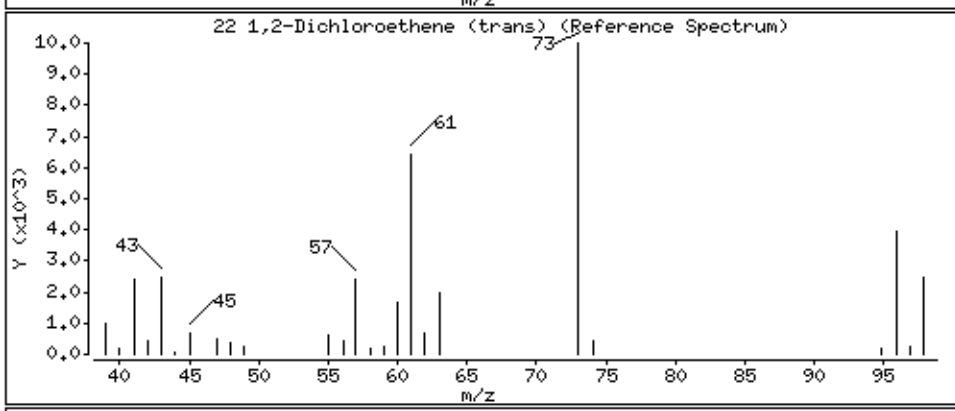
22 1,2-Dichloroethene (trans)

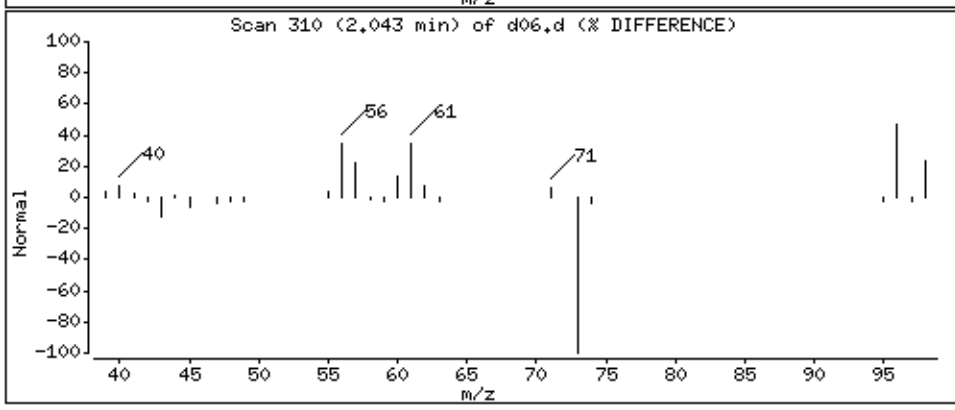
Concentration: 19.5 ppb

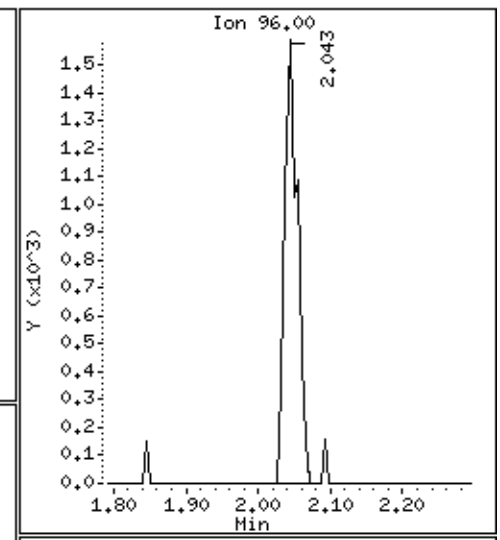
Review Code:

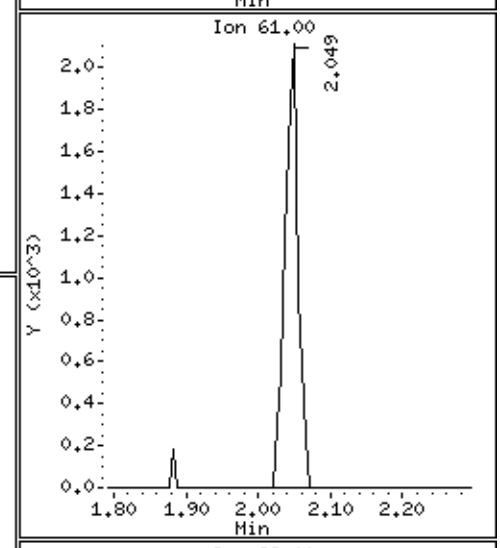


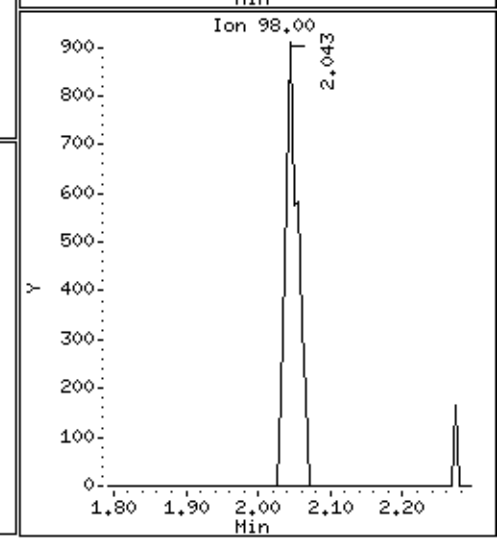












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d

Date : 06-OCT-2017 01:19

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x20

Purge Volume: 5.0

Operator: jlz

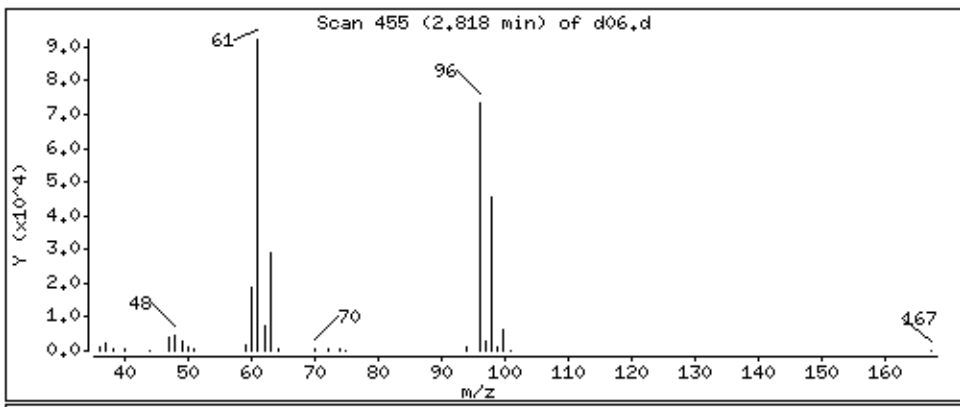
Column phase: DB-624

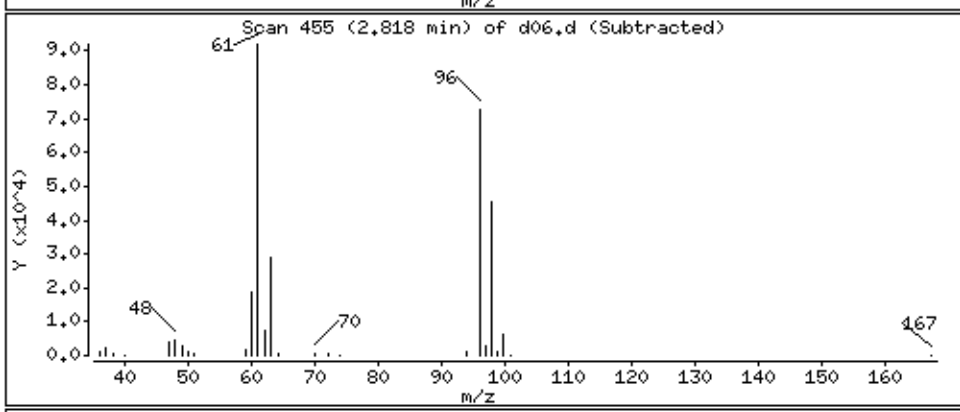
Column diameter: 0.18

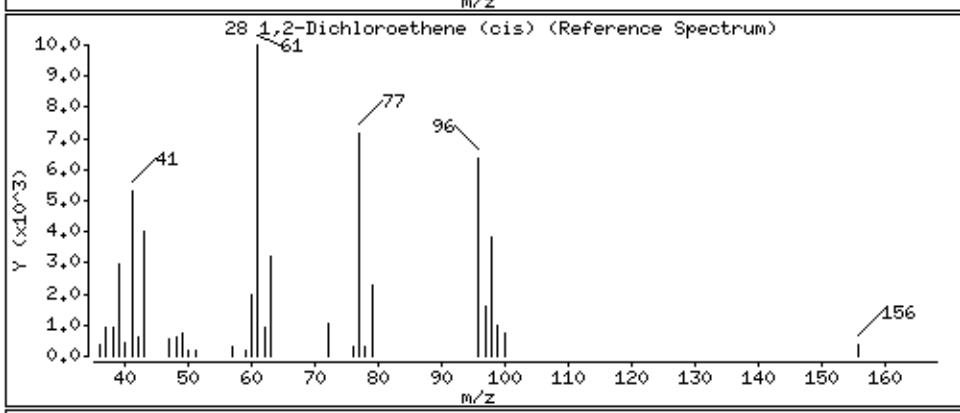
28 1,2-Dichloroethene (cis)

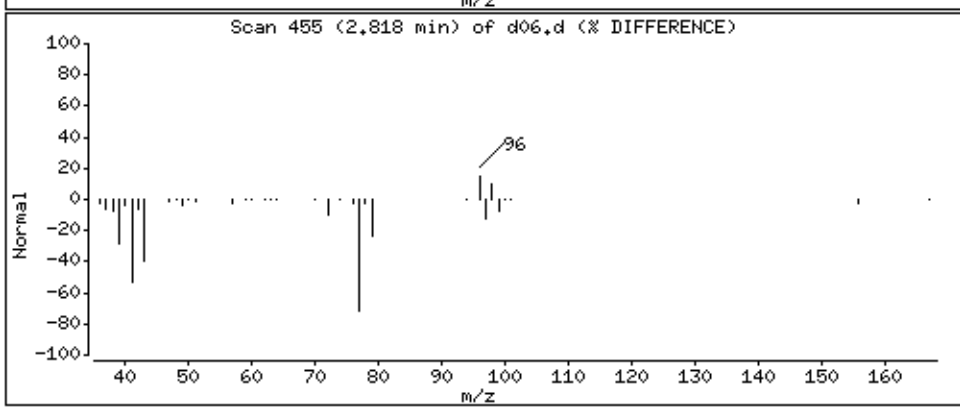
Concentration: 1290 ppb

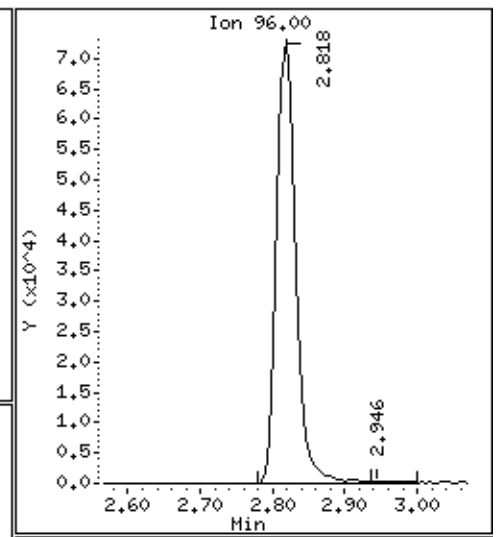
Review Code:

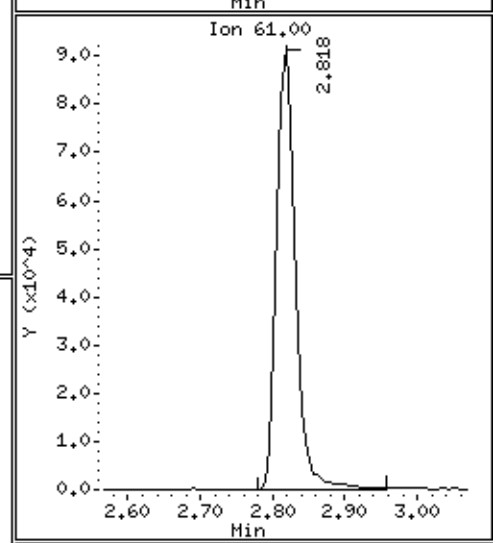


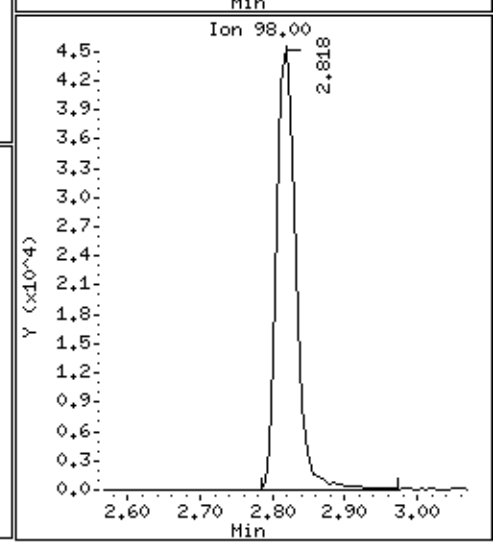












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d

Date : 06-OCT-2017 01:19

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x20

Purge Volume: 5.0

Operator: jlz

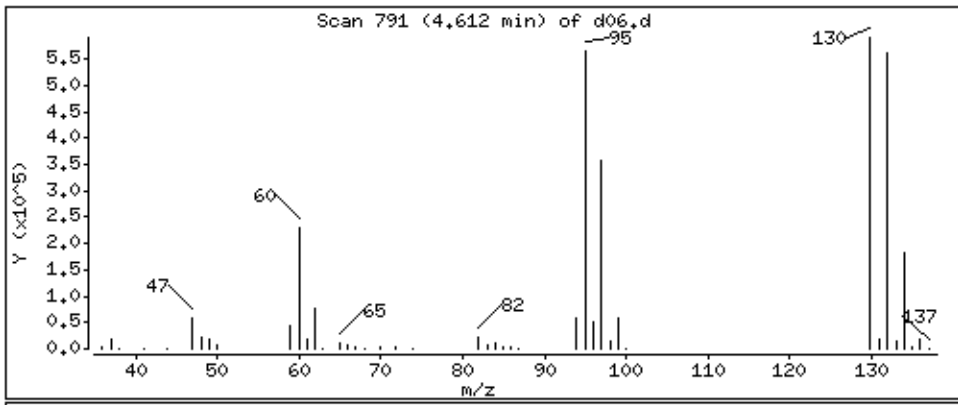
Column phase: DB-624

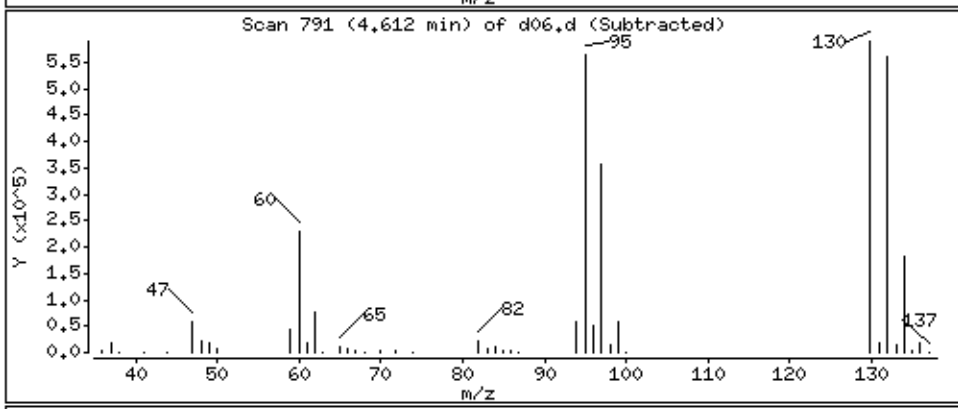
Column diameter: 0.18

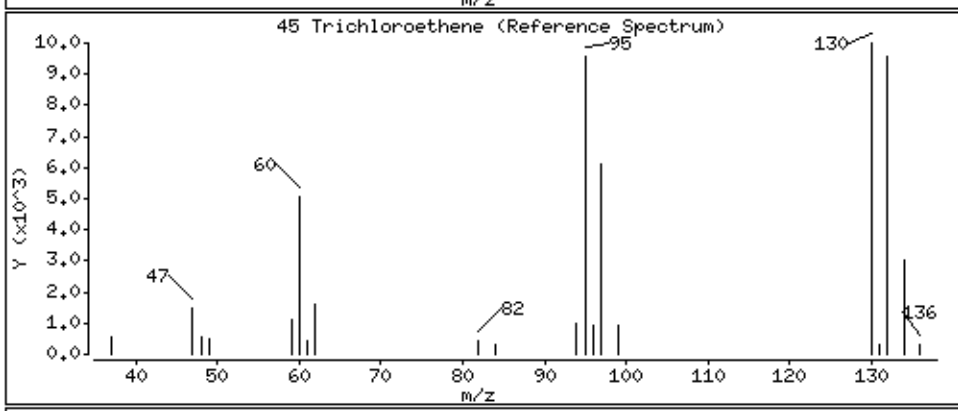
45 Trichloroethene

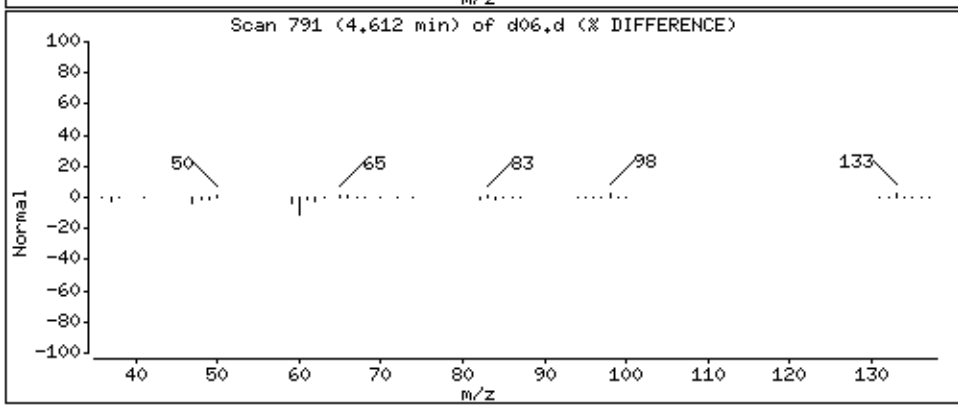
Concentration: 10800 ppb

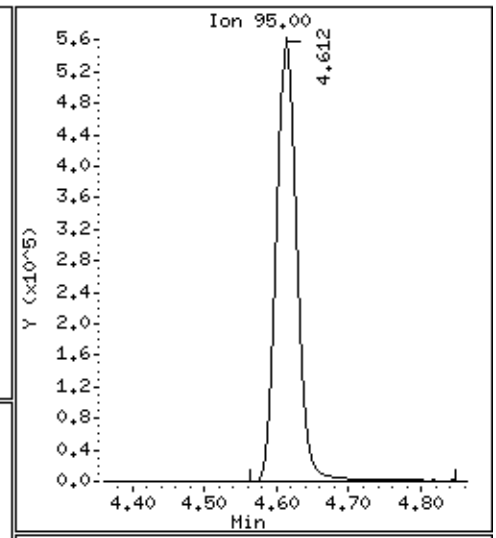
Review Code:

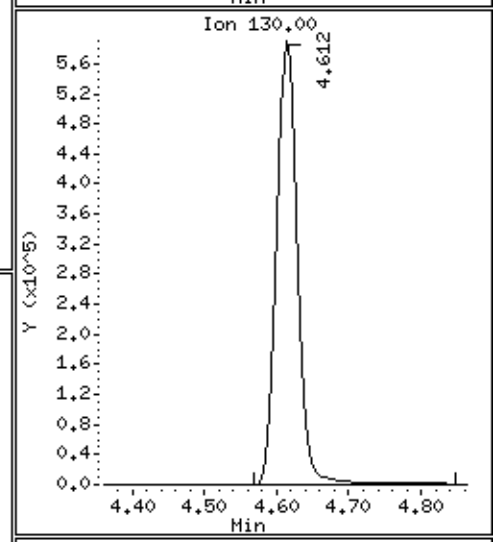


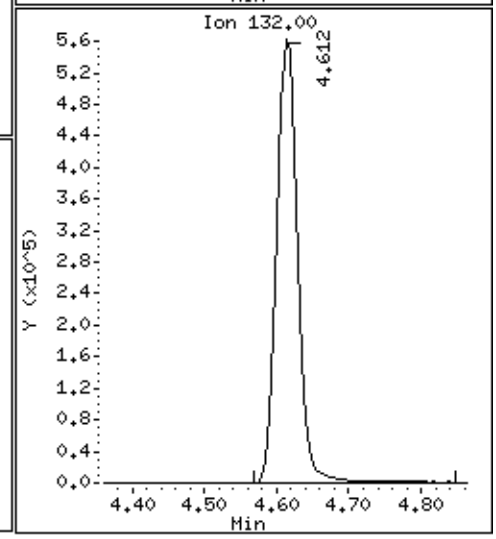












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d

Date : 06-OCT-2017 01:19

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x20

Purge Volume: 5.0

Operator: jlz

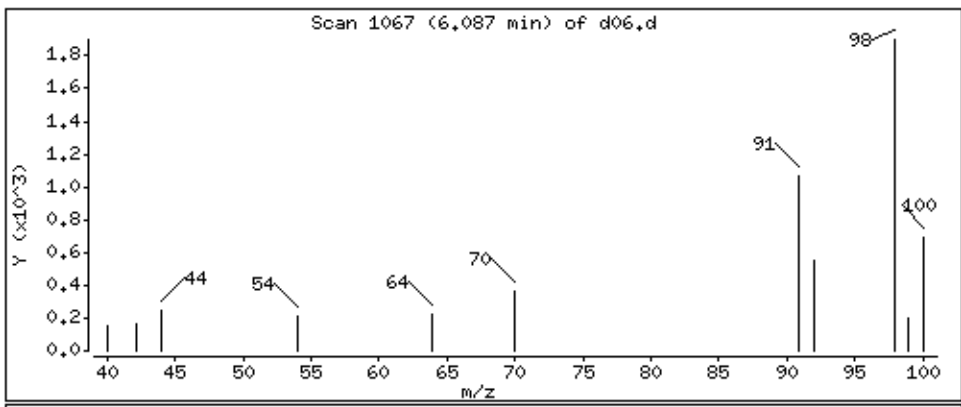
Column phase: DB-624

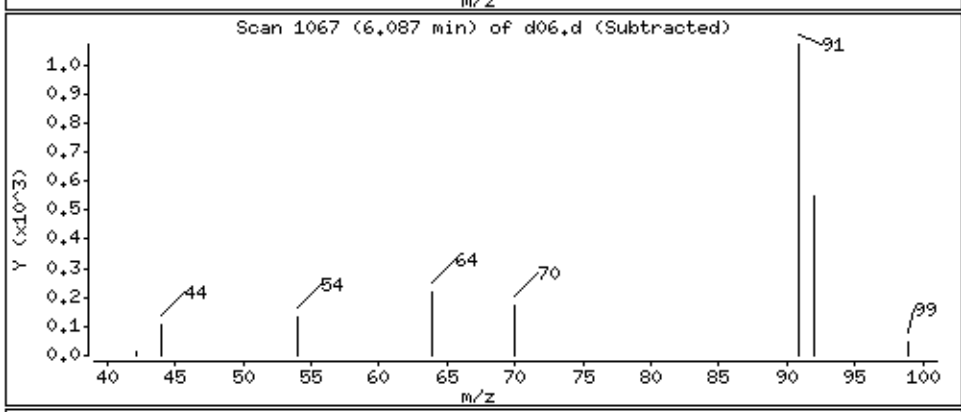
Column diameter: 0.18

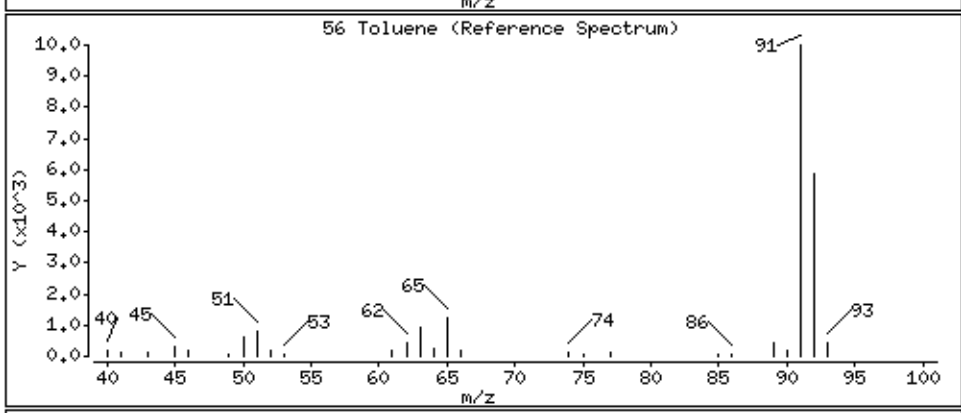
56 Toluene

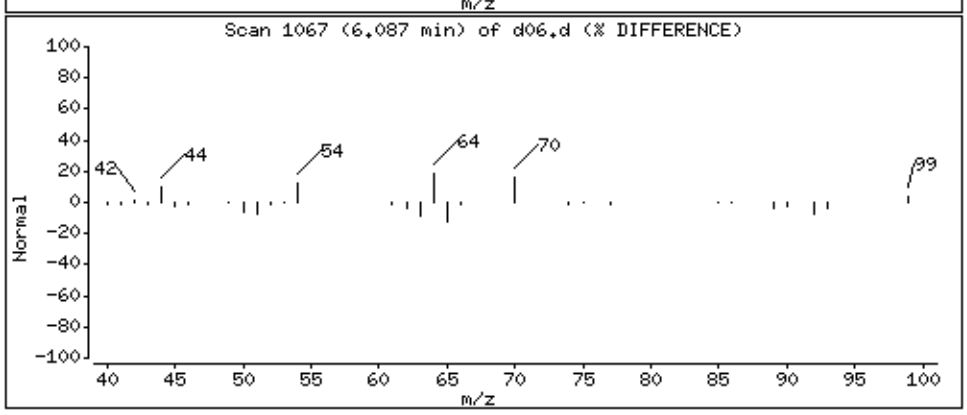
Concentration: 4.09 ppb

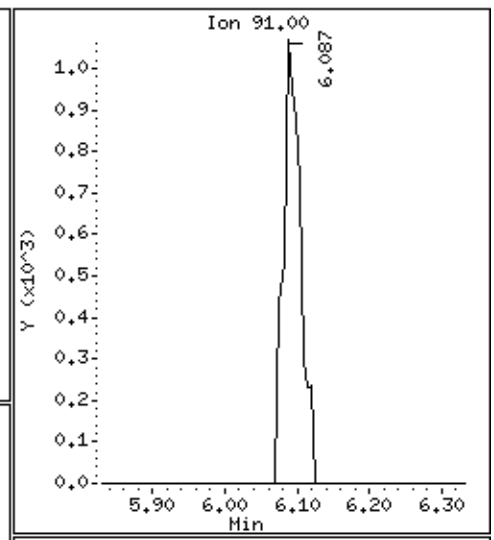
Review Code:

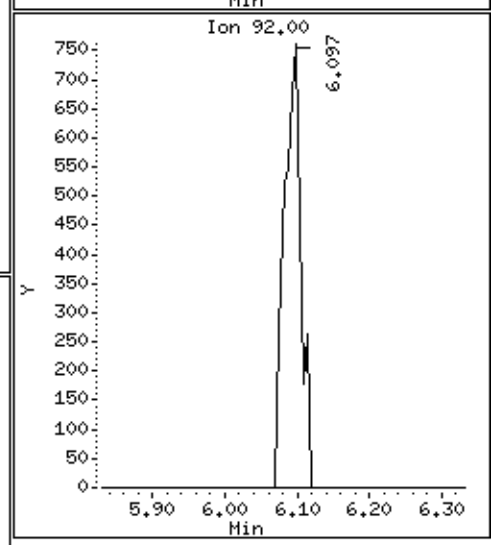












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d06.d

Date : 06-OCT-2017 01:19

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x20

Purge Volume: 5.0

Operator: jlz

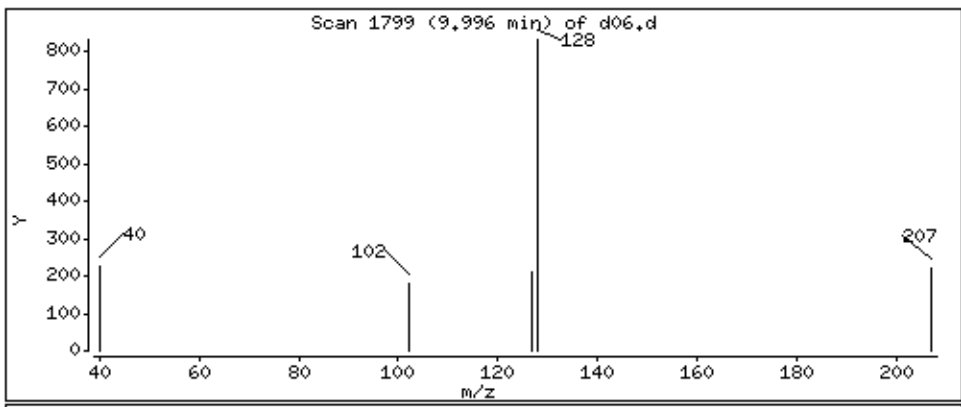
Column phase: DB-624

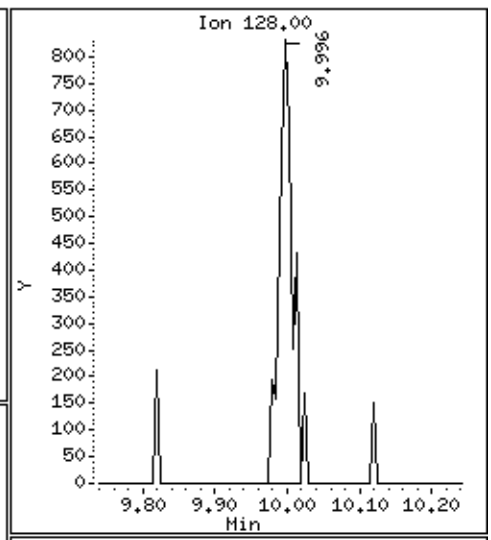
Column diameter: 0.18

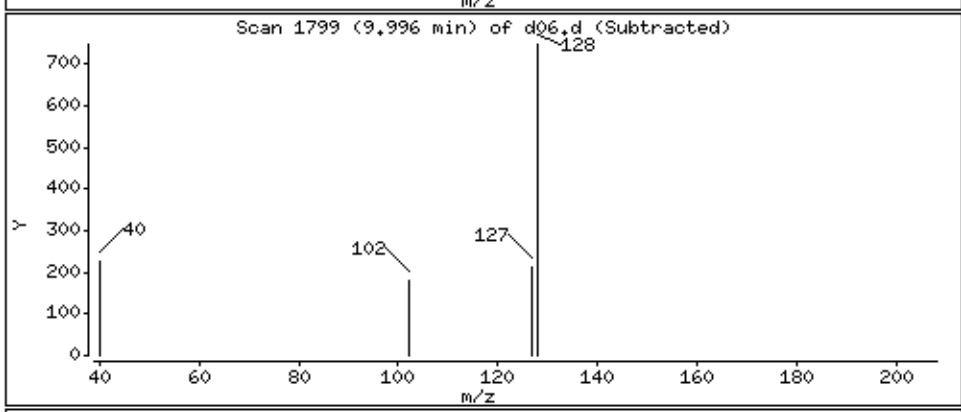
95 Naphthalene

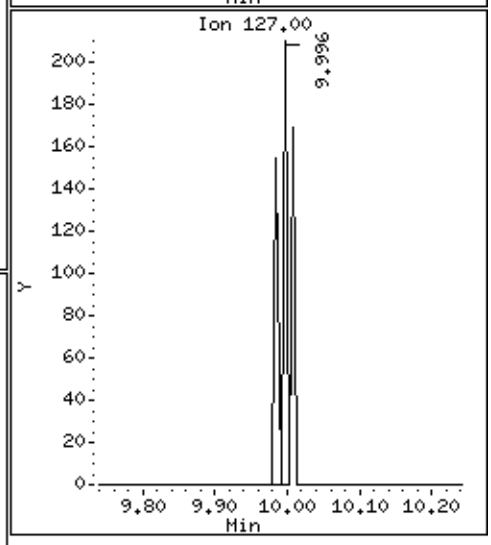
Concentration: 4.23 ppb

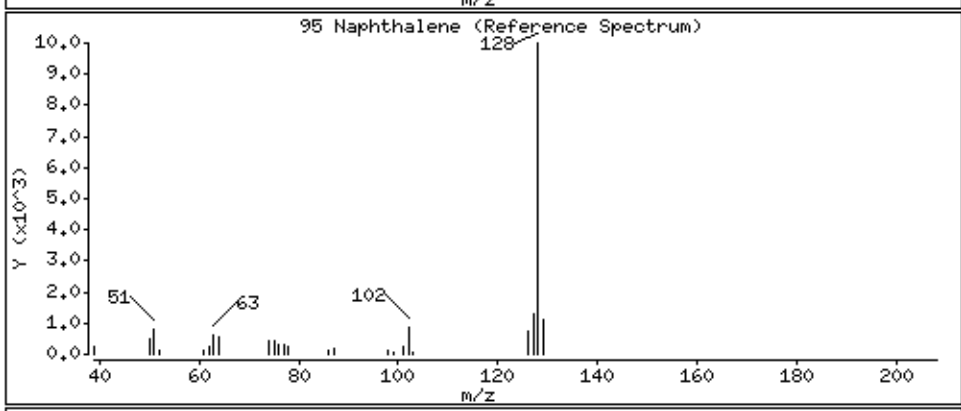
Review Code:

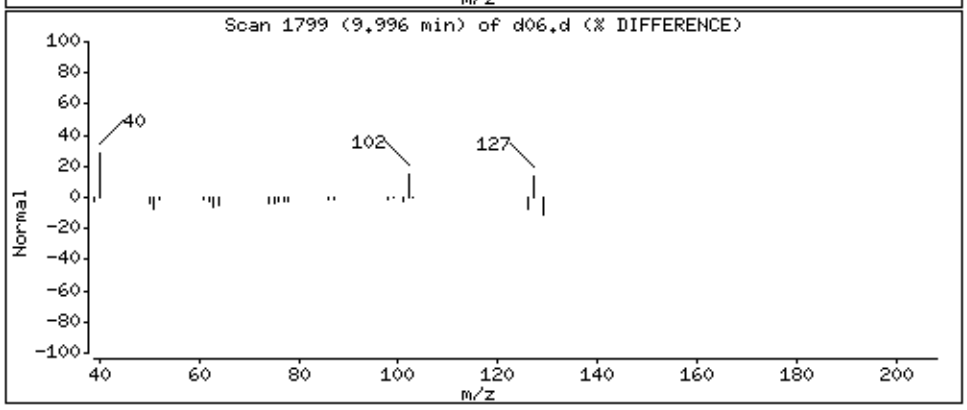












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d06.d
Injection Date: 06-OCT-2017 01:19
Instrument: 50mv3b.i
Lab Sample ID: 50180760019
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0622-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 18:17 Lab Sample ID: 50180760019

Date Analyzed: 10/10/2017 18:17 Lab File ID: B101017.B\B13.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 200 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	10300	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b13.d
Lab Smp Id: 50180760019 Client Smp ID: MW-0622-S1 (092717)
Inj Date : 10-OCT-2017 18:17
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760019x200
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 28
Dil Factor: 200.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	200.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.477	1.475	(0.355)	1075	1.43668	287	
28 1,2-Dichloroethene (cis)	96	2.823	2.816	(0.678)	12385	6.82928	1360(Q)	
$ 35 Dibromofluoromethane (S)	113	3.331	3.334	(0.800)	61956	48.5353	48.5	
* 44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	265070	50.0000		
45 Trichloroethene	95	4.613	4.610	(1.108)	92012	51.5421	10300	
$ 55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	276713	48.5654	48.6	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	215855	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.154	8.157	(1.111)	97424	45.5092	45.5	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	113020	50.0000		

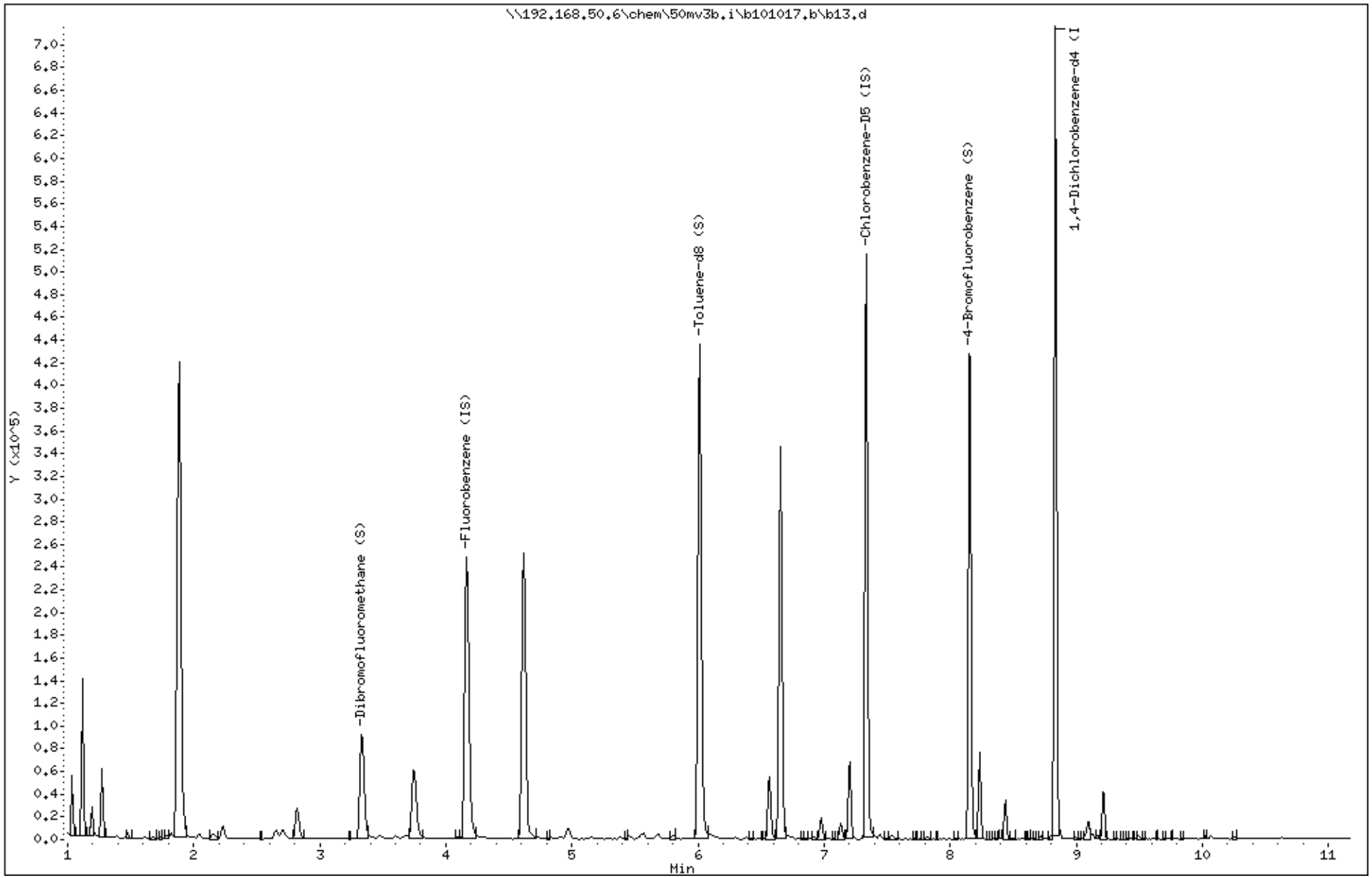
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b13.d
Date : 10-OCT-2017 18:17
Client ID: MW-0622-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760019x200
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b13.d

Date : 10-OCT-2017 18:17

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x200

Purge Volume: 5.0

Operator: jlz

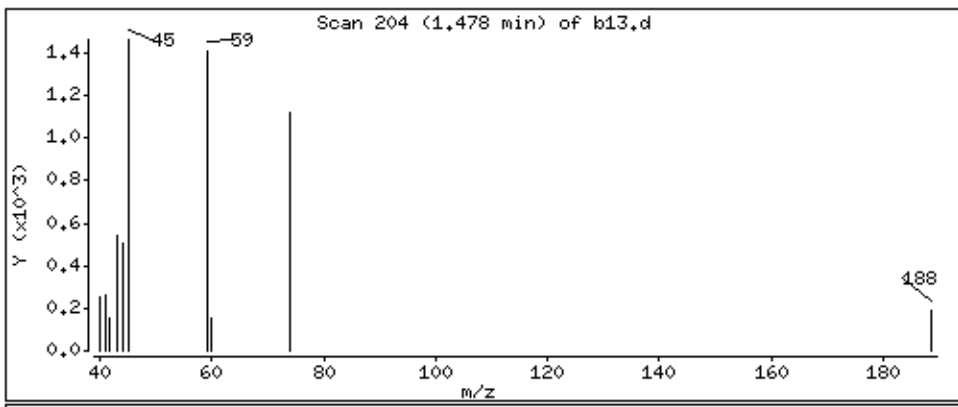
Column phase: DB-624

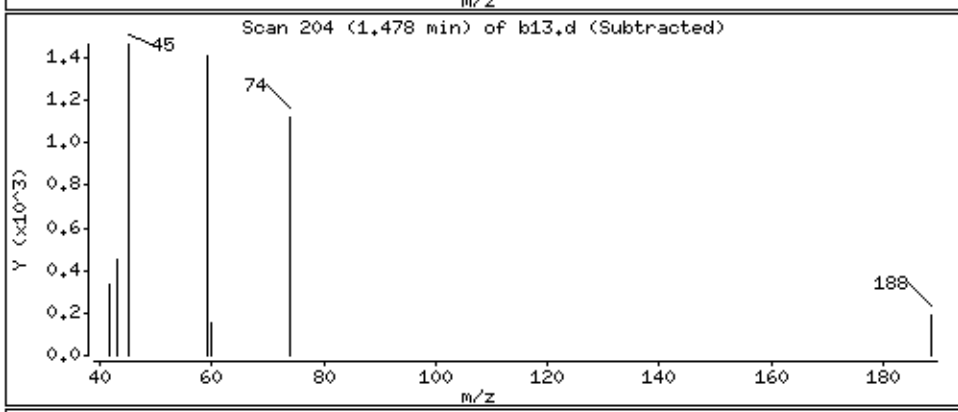
Column diameter: 0.18

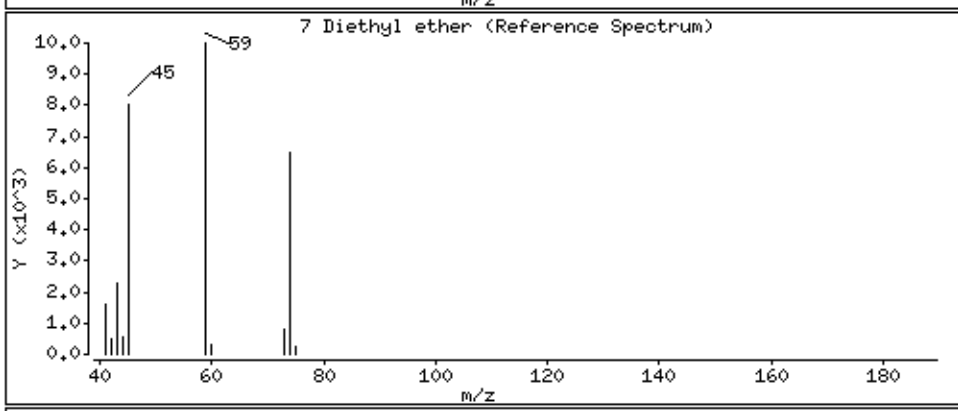
7 Diethyl ether

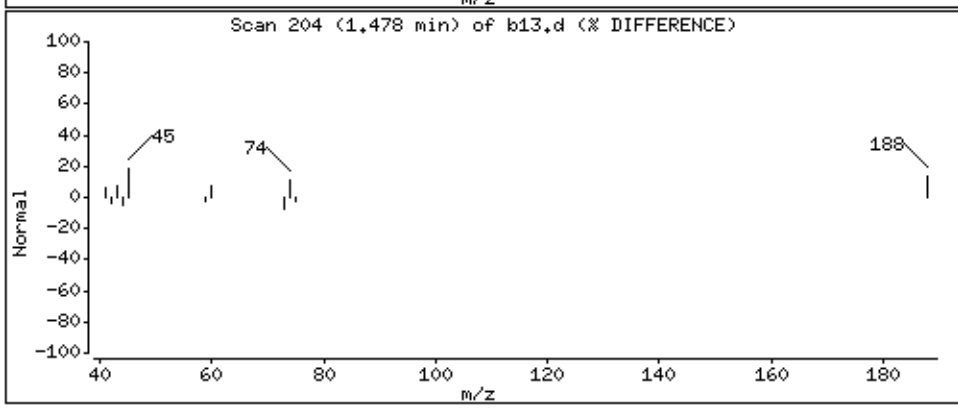
Concentration: 287 ppb

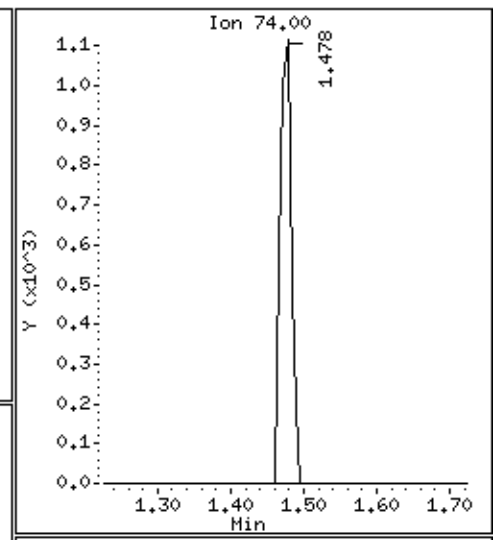
Review Code:

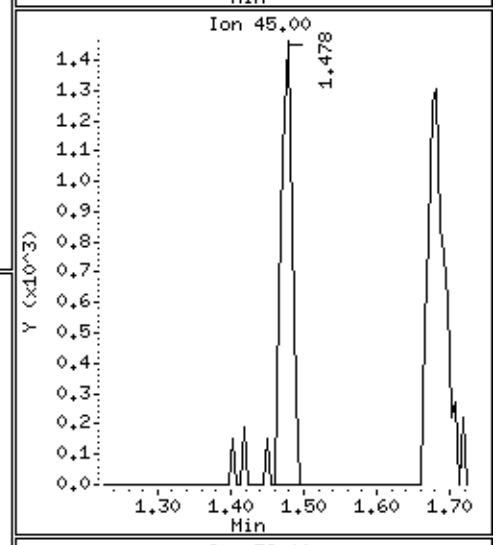


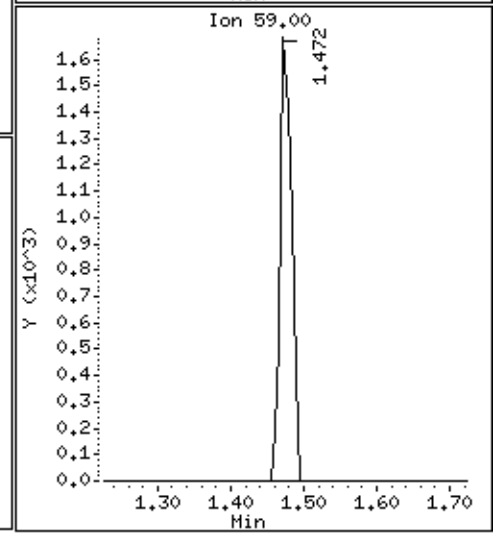












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b13.d

Date : 10-OCT-2017 18:17

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x200

Purge Volume: 5.0

Operator: jlz

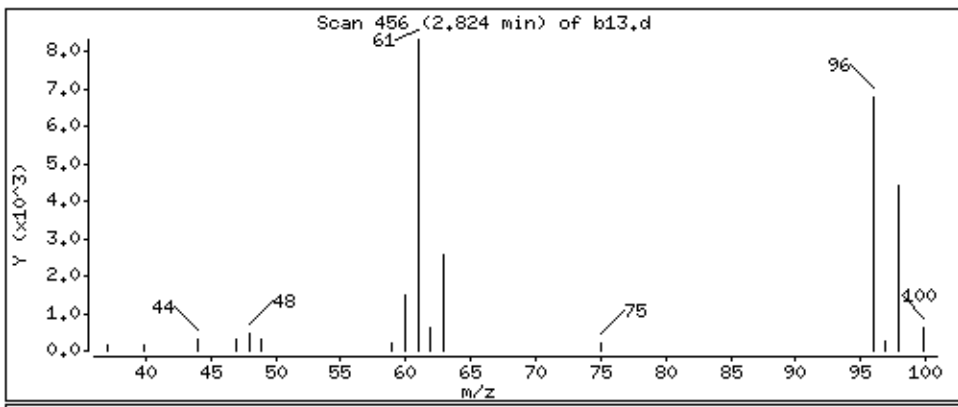
Column phase: DB-624

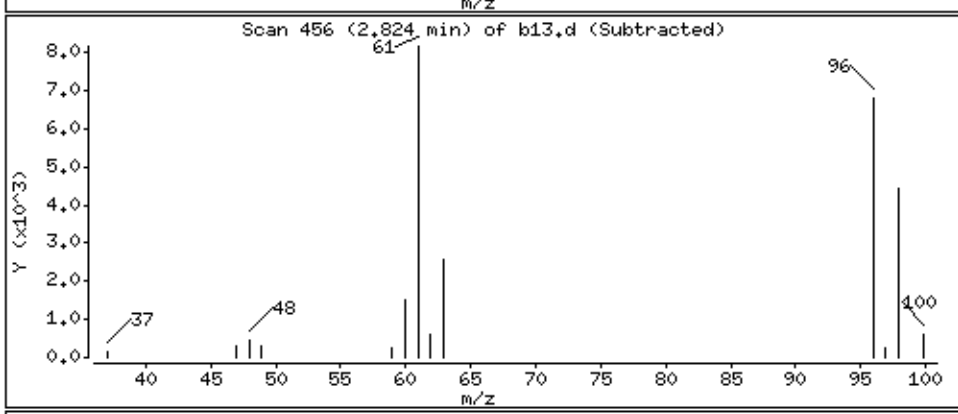
Column diameter: 0.18

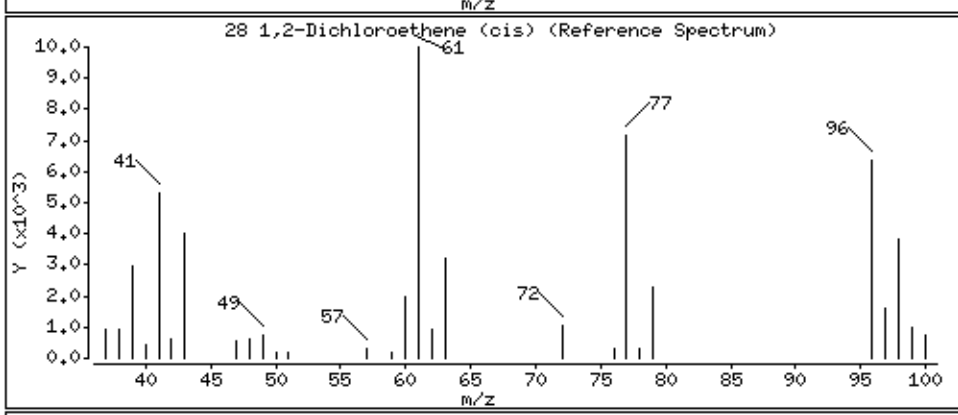
28 1,2-Dichloroethene (cis)

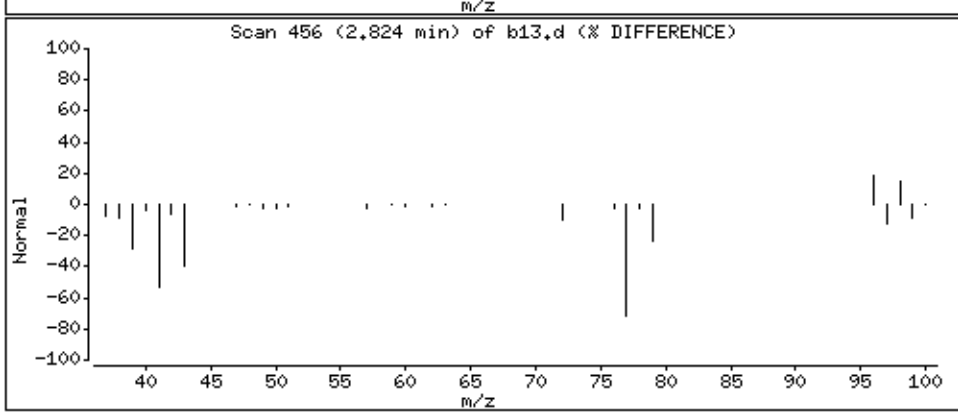
Concentration: 1360 ppb

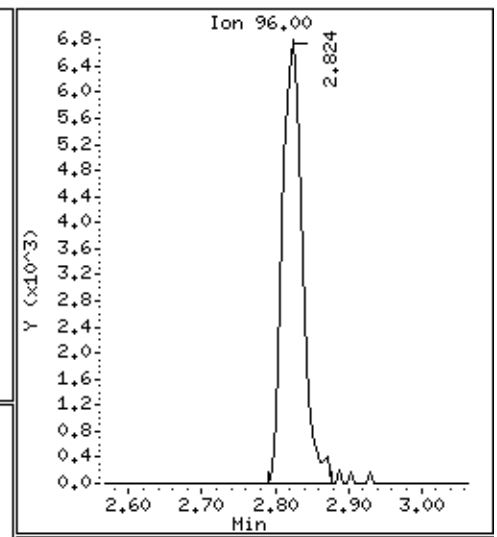
Review Code:

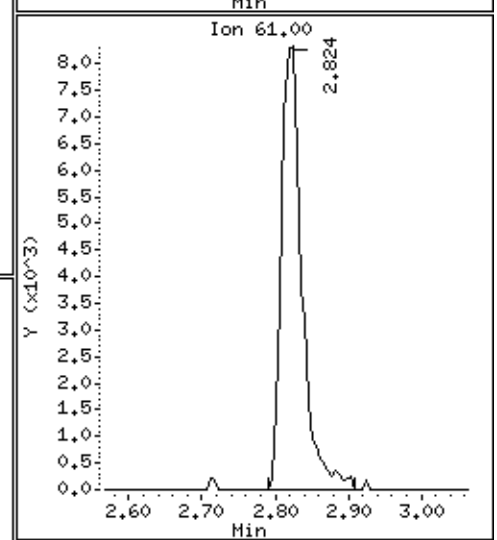


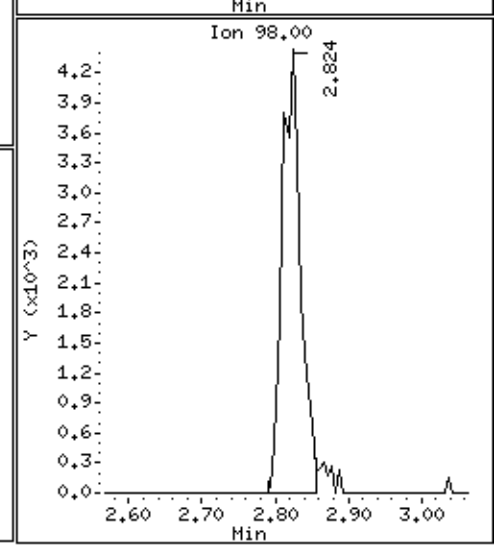












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b13.d

Date : 10-OCT-2017 18:17

Client ID: MW-0622-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760019x200

Purge Volume: 5.0

Operator: jlz

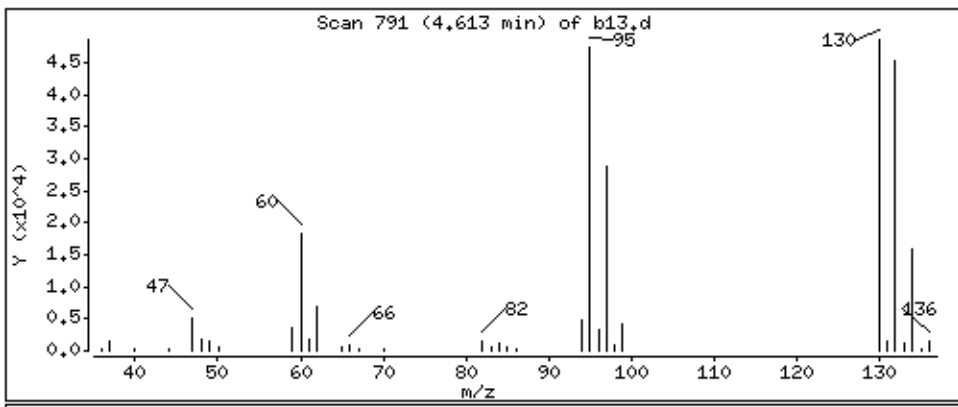
Column phase: DB-624

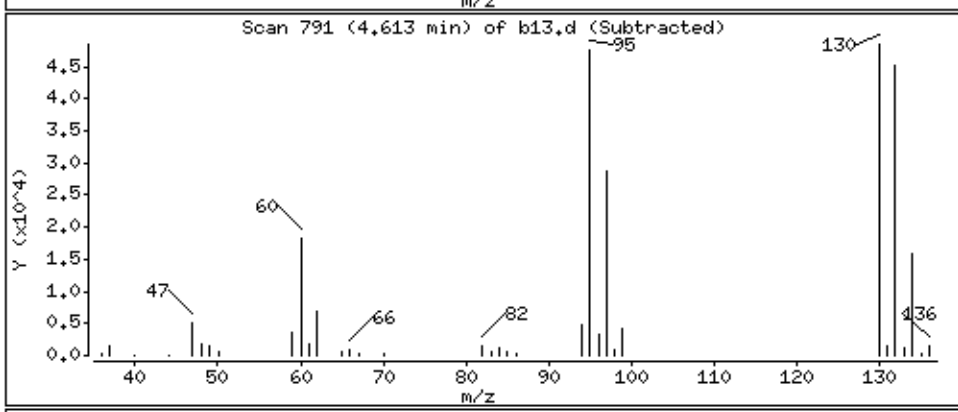
Column diameter: 0.18

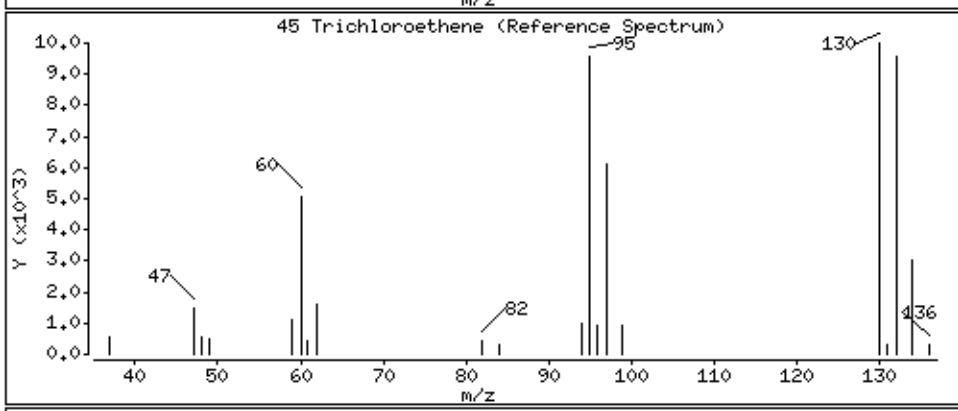
45 Trichloroethene

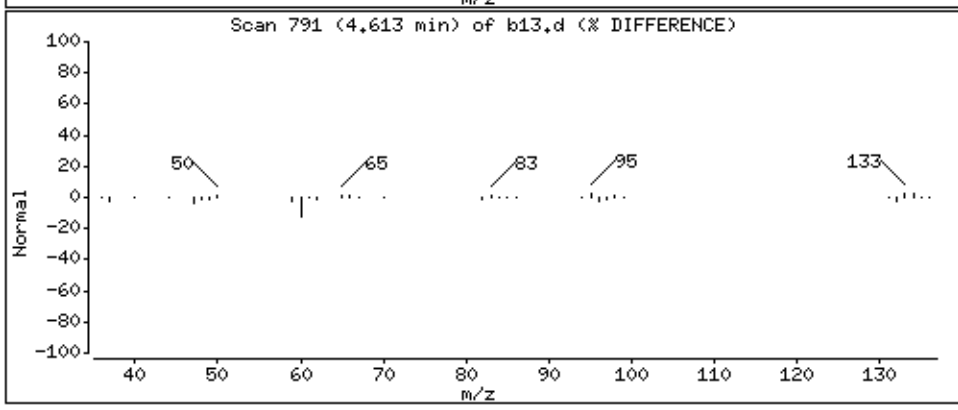
Concentration: 10300 ppb

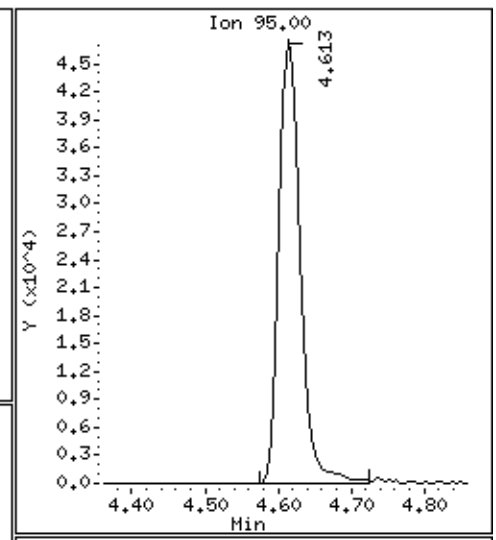
Review Code:

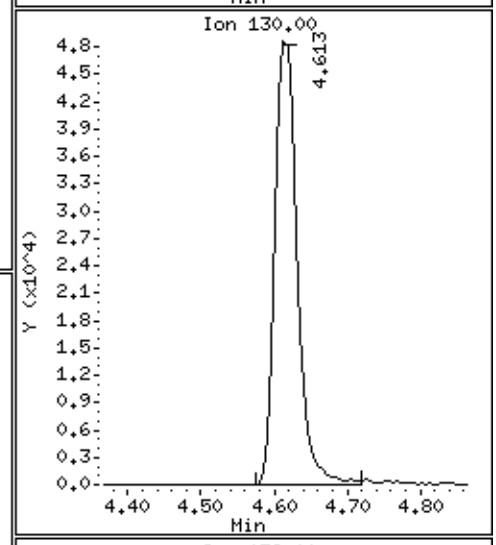


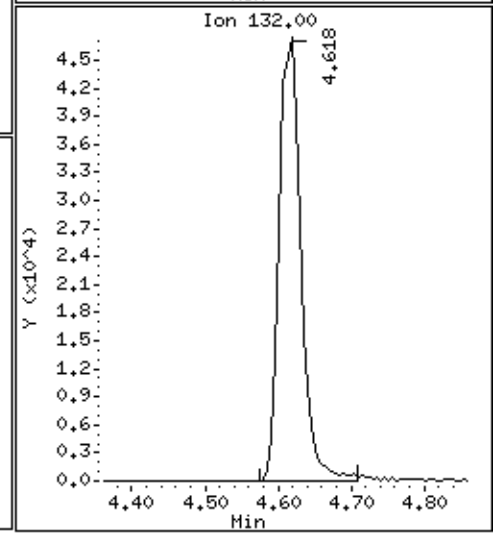












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b13.d
Injection Date: 10-OCT-2017 18:17
Instrument: 50mv3b.i
Lab Sample ID: 50180760019
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

FD-2 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:51 Lab Sample ID: 50180760020

Date Analyzed: 10/06/2017 01:51 Lab File ID: B100517.B\D07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 20 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	1300	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

FD-2 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 01:51 Lab Sample ID: 50180760020

Date Analyzed: 10/06/2017 01:51 Lab File ID: B100517.B\D07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 20 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d
Lab Smp Id: 50180760020 Client Smp ID: FD-2 (092717)
Inj Date : 06-OCT-2017 01:51
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760020x20
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 62
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.474	1.472	(0.354)	1010	1.22874	24.6	
22 1,2-Dichloroethene (trans)	96	2.046	2.043	(0.492)	1707	0.90017	18.0	
28 1,2-Dichloroethene (cis)	96	2.815	2.818	(0.677)	129050	64.7775	1300(Q)	
$ 35 Dibromofluoromethane (S)	113	3.333	3.330	(0.801)	67806	48.3536	48.4	
* 44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	291188	50.0000		
45 Trichloroethene	95	4.615	4.612	(1.109)	1108885	565.446	11300	
$ 55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	294200	49.1678	49.2	
56 Toluene	91	6.089	6.081	(0.830)	1749	0.20424	4.08	
* 65 Chlorobenzene-D5 (IS)	117	7.339	7.336	(1.000)	226684	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.111)	103993	46.2571	46.2	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.832	(1.000)	116279	50.0000		

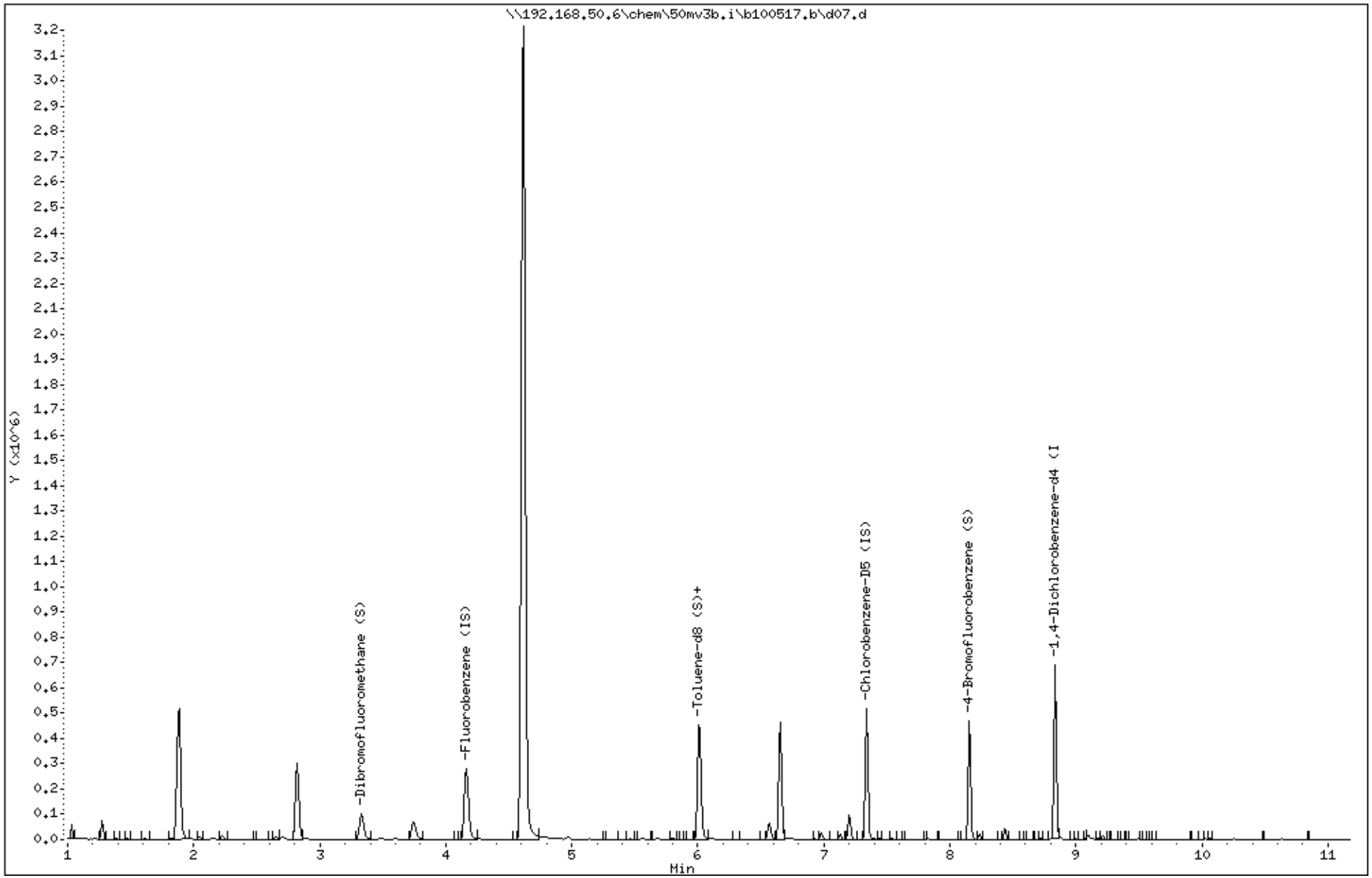
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d
Date : 06-OCT-2017 01:51
Client ID: FD-2 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760020x20
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d

Date : 06-OCT-2017 01:51

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x20

Purge Volume: 5.0

Operator: jlz

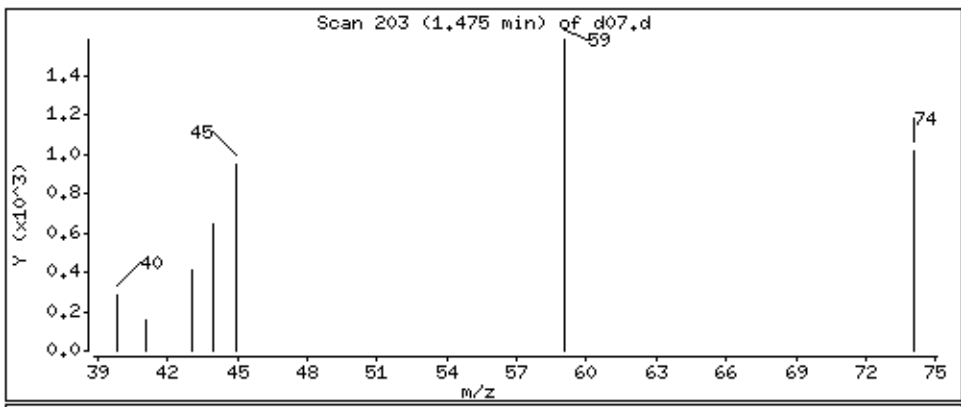
Column phase: DB-624

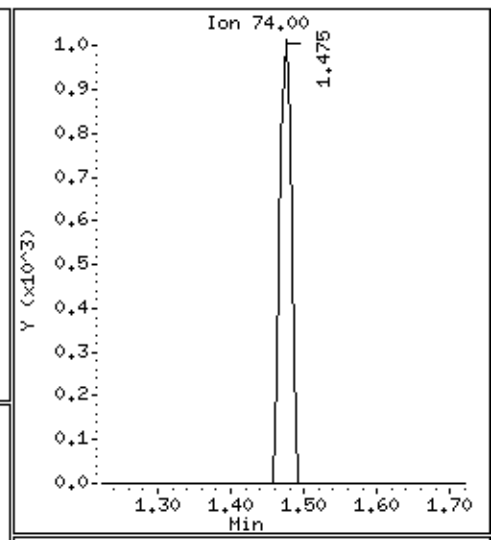
Column diameter: 0.18

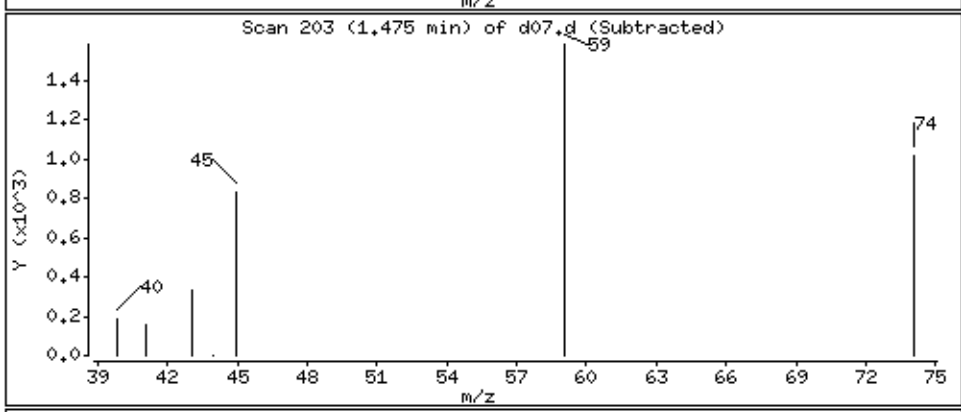
7 Diethyl ether

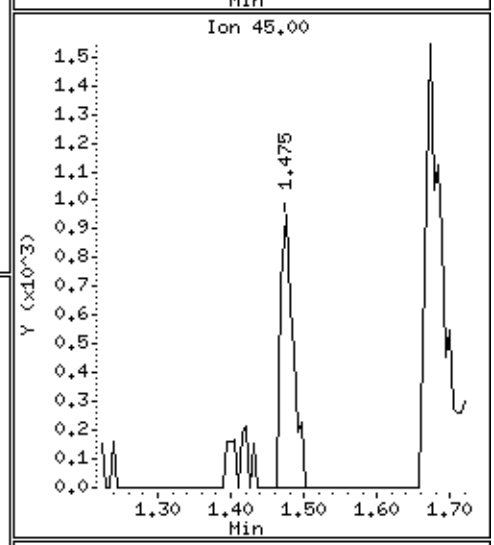
Concentration: 24.6 ppb

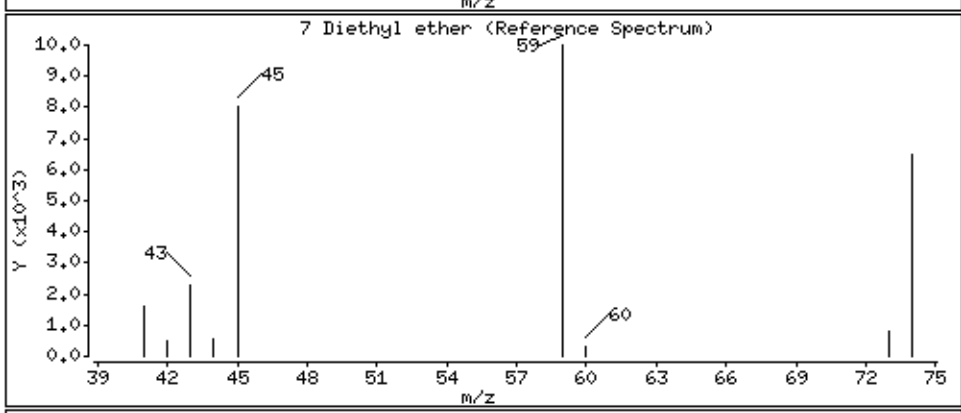
Review Code:

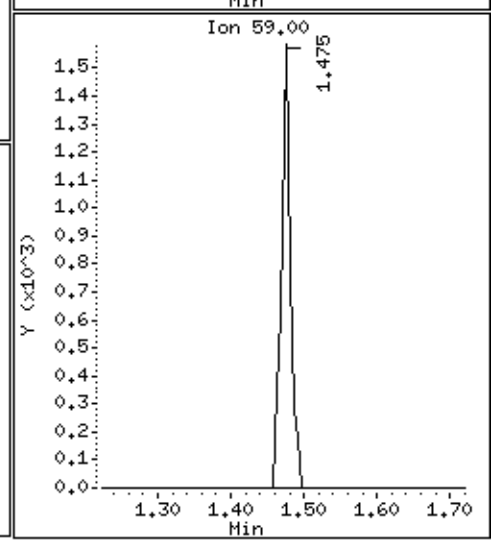


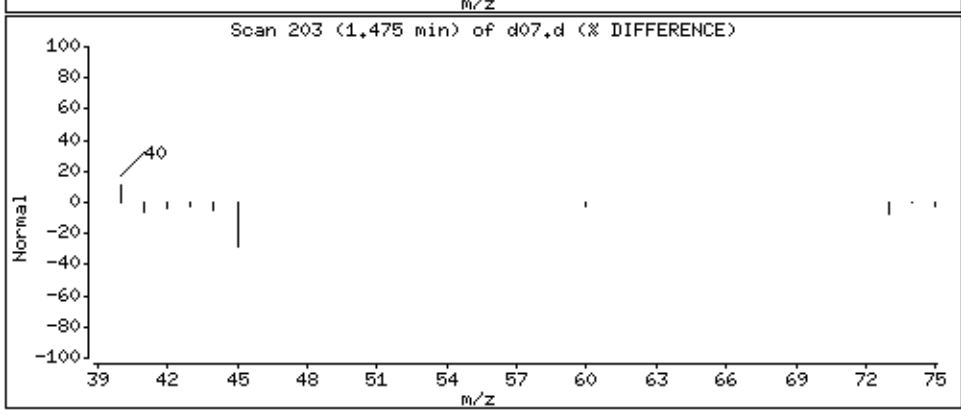












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d

Date : 06-OCT-2017 01:51

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x20

Purge Volume: 5.0

Operator: jlz

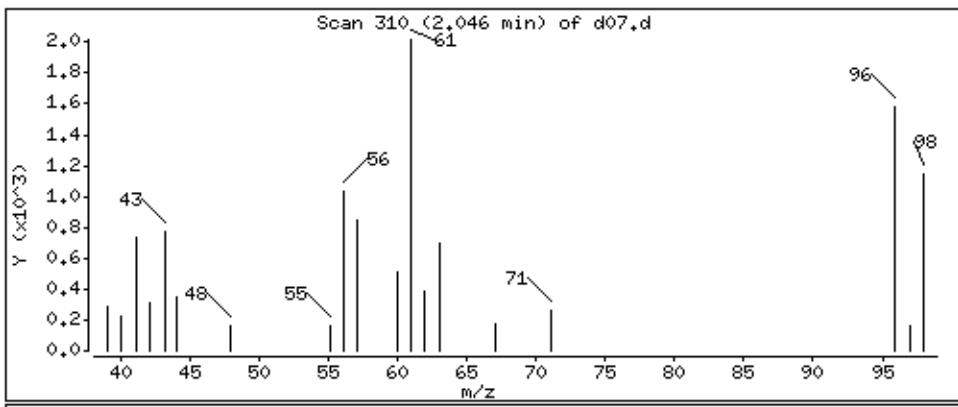
Column phase: DB-624

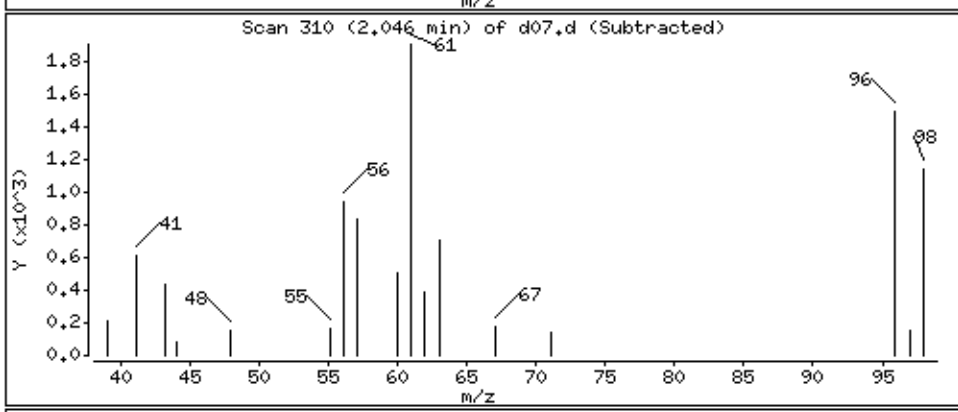
Column diameter: 0.18

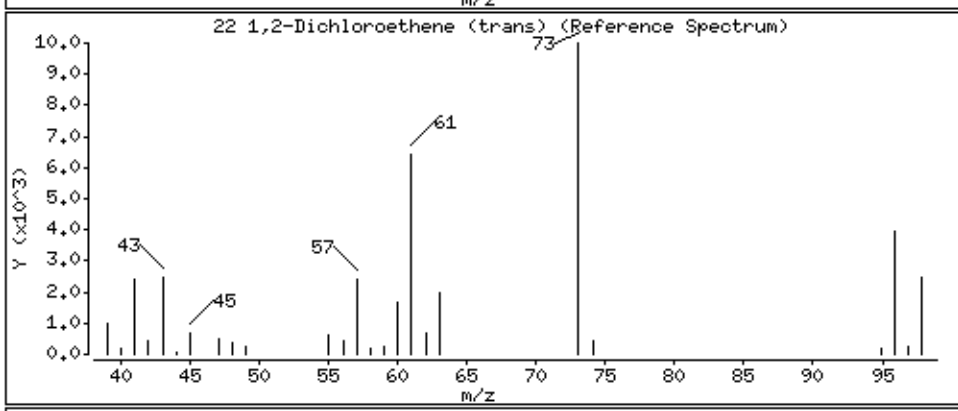
22 1,2-Dichloroethene (trans)

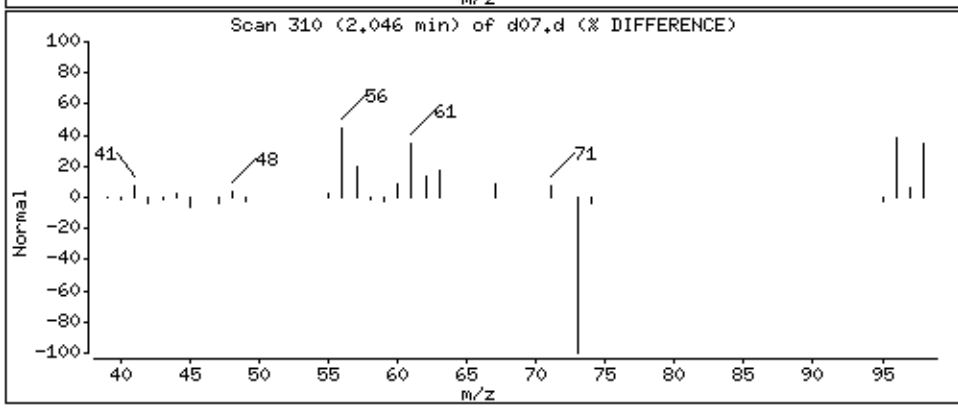
Concentration: 18.0 ppb

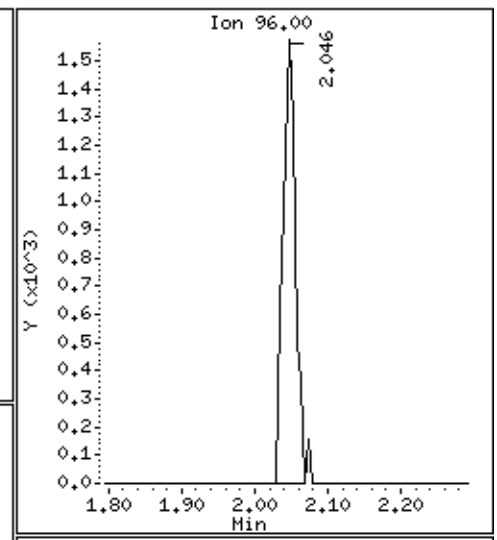
Review Code:

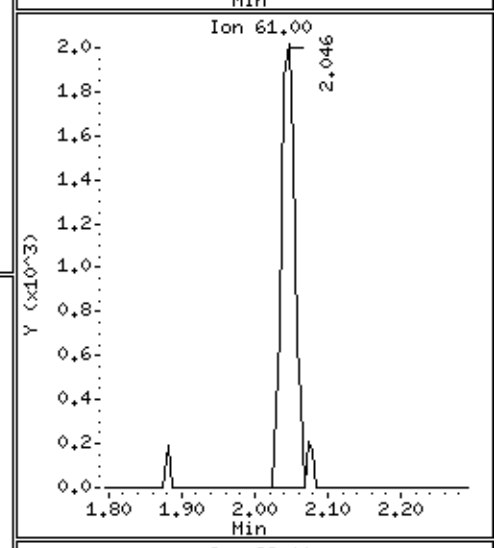


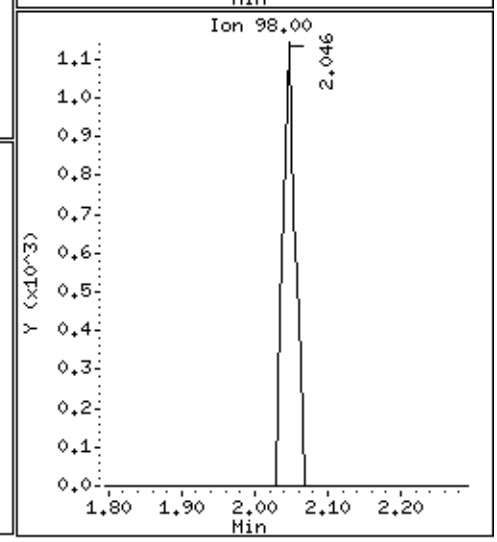












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d

Date : 06-OCT-2017 01:51

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x20

Purge Volume: 5.0

Operator: jlz

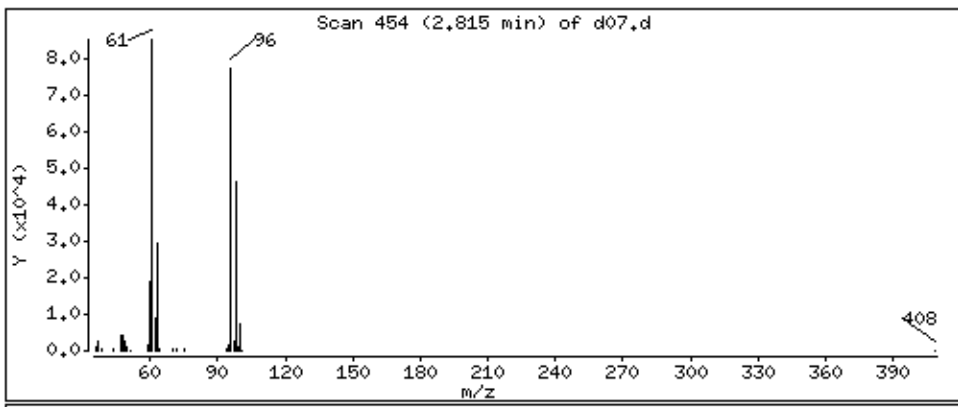
Column phase: DB-624

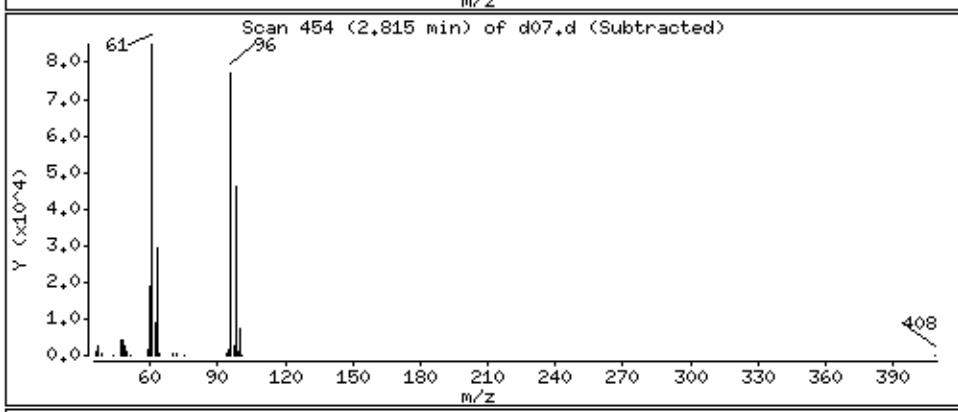
Column diameter: 0.18

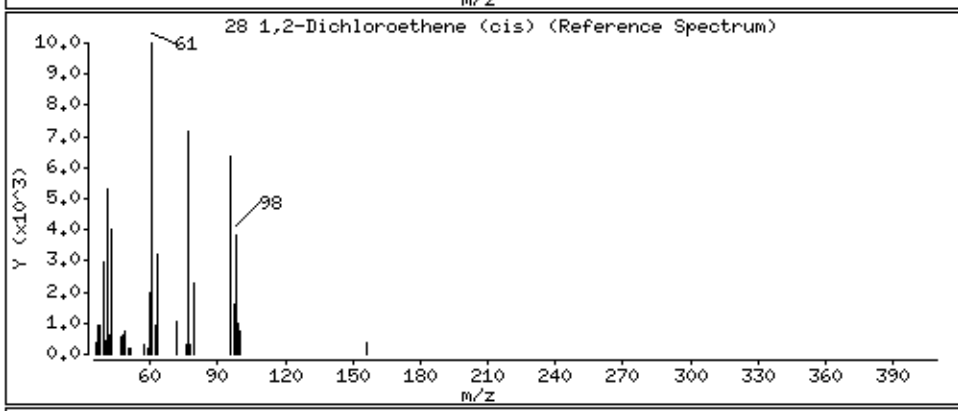
28 1,2-Dichloroethene (cis)

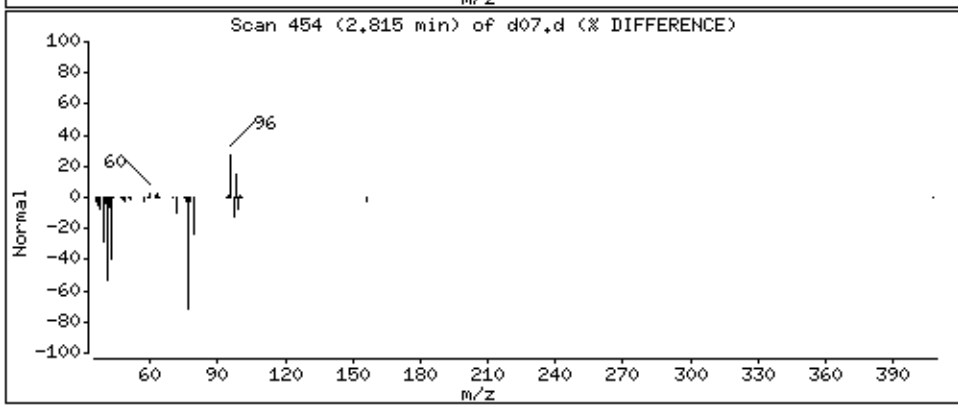
Concentration: 1300 ppb

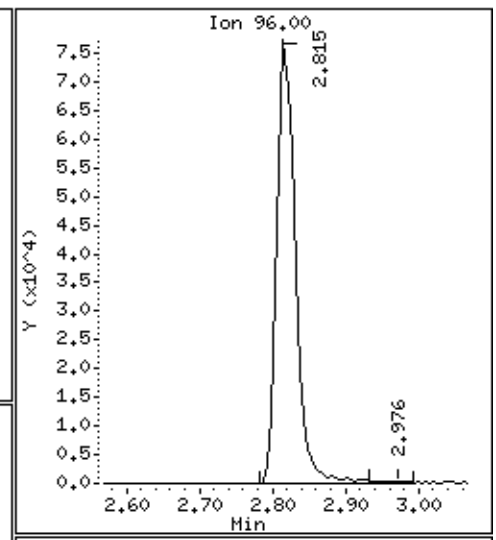
Review Code:

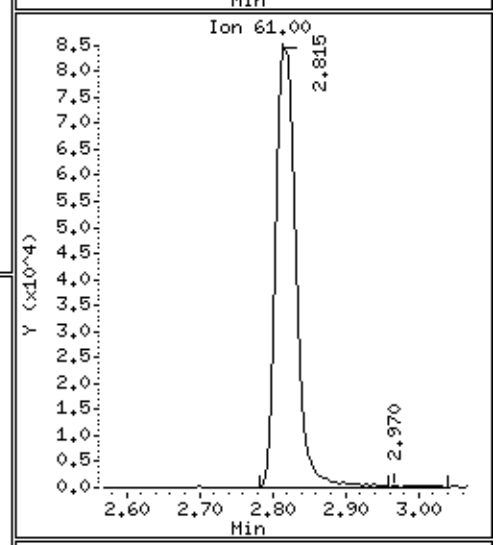


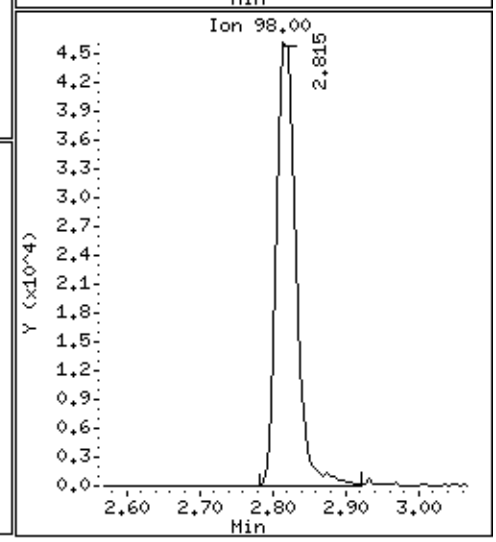












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d

Date : 06-OCT-2017 01:51

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x20

Purge Volume: 5.0

Operator: jlz

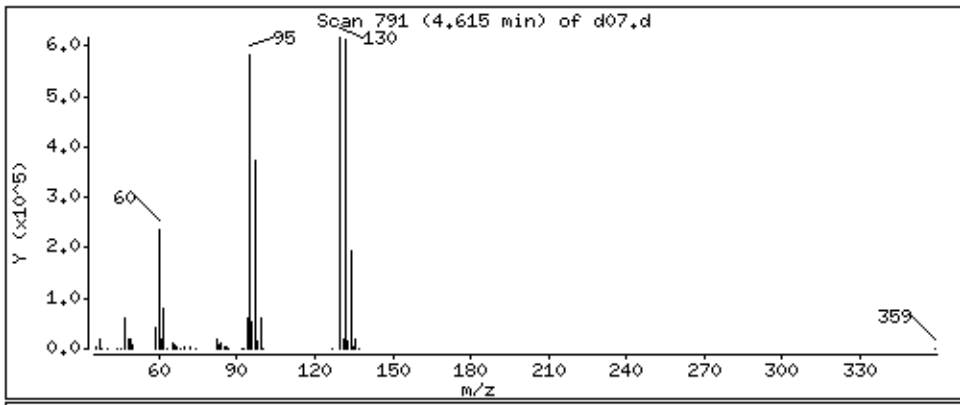
Column phase: DB-624

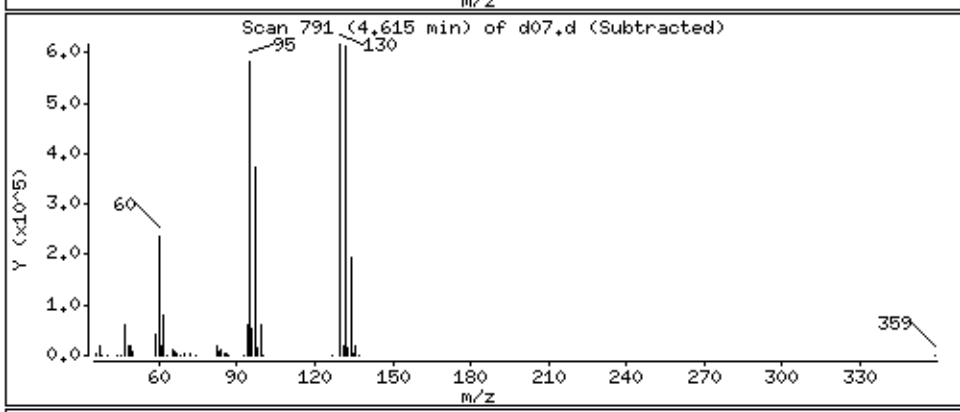
Column diameter: 0.18

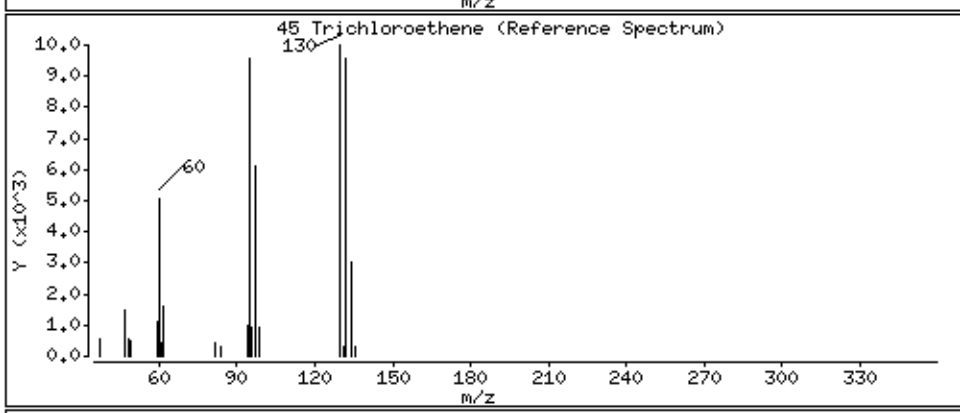
45 Trichloroethene

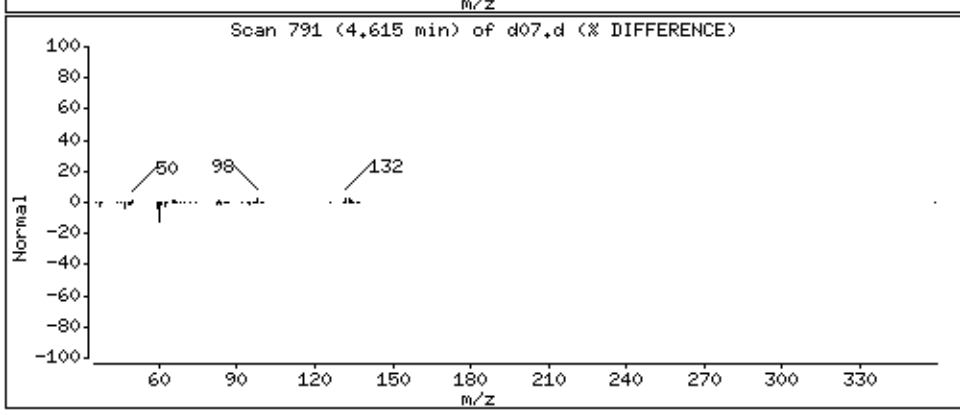
Concentration: 11300 ppb

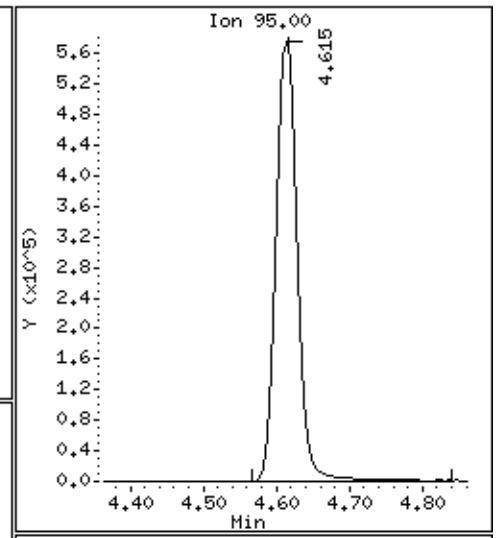
Review Code:

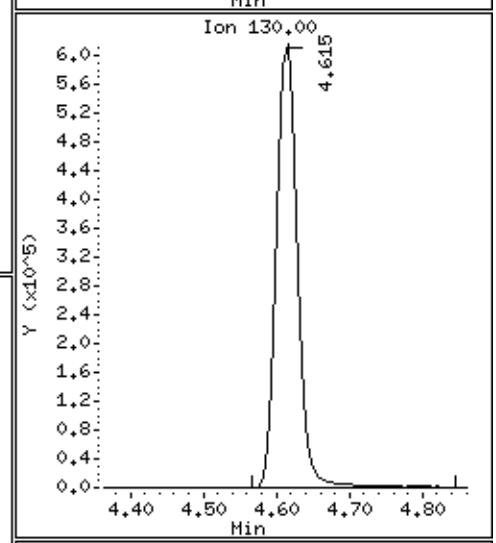


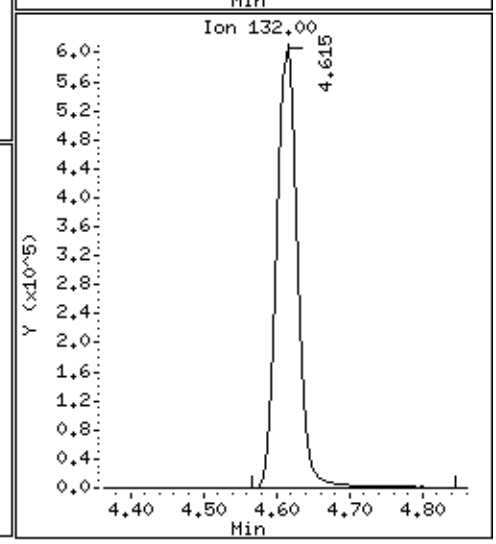












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d07.d

Date : 06-OCT-2017 01:51

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x20

Purge Volume: 5.0

Operator: jlz

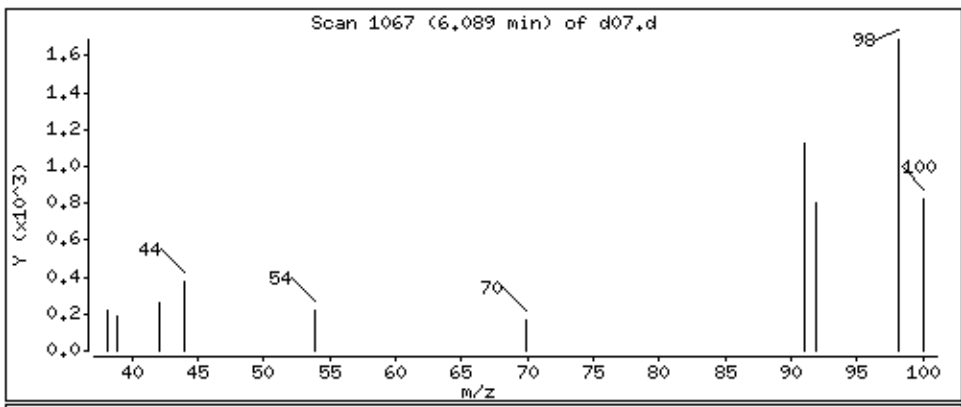
Column phase: DB-624

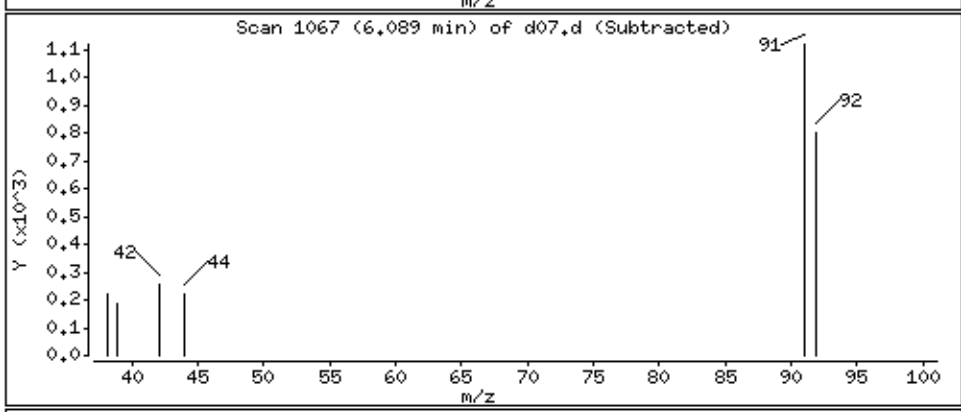
Column diameter: 0.18

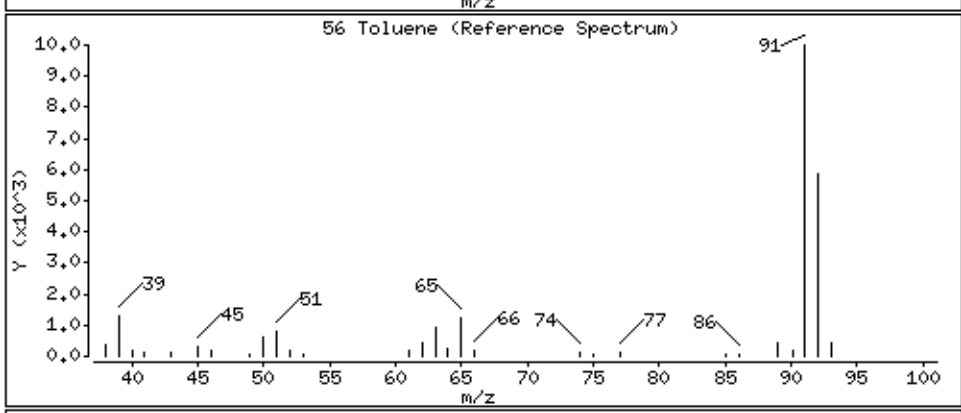
56 Toluene

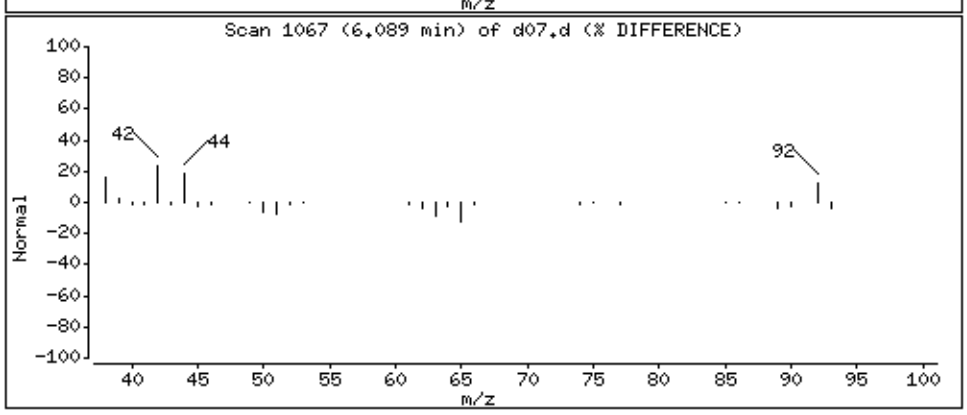
Concentration: 4.08 ppb

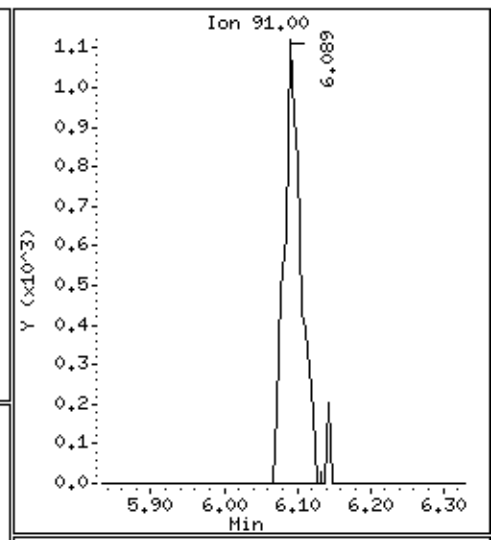
Review Code:

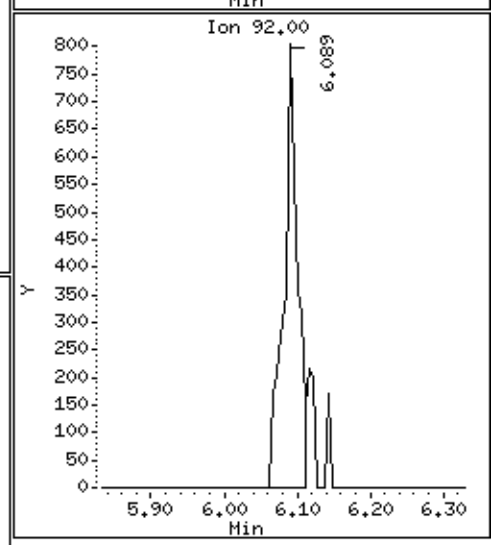












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d07.d
Injection Date: 06-OCT-2017 01:51
Instrument: 50mv3b.i
Lab Sample ID: 50180760020
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

FD-2 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 18:49 Lab Sample ID: 50180760020

Date Analyzed: 10/10/2017 18:49 Lab File ID: B101017.B\B14.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 200 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	7690	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b14.d
Lab Smp Id: 50180760020 Client Smp ID: FD-2 (092717)
Inj Date : 10-OCT-2017 18:49
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760020x200
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 30
Dil Factor: 200.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	200.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
15 Methyl Acetate	43	1.790	1.780	(0.430)	3911	8.63710	1730	
28 1,2-Dichloroethene (cis)	96	2.821	2.816	(0.678)	8262	4.24501	849(Q)	
$ 35 Dibromofluoromethane (S)	113	3.333	3.334	(0.801)	63597	46.4222	46.4	
* 44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	284476	50.0000		
45 Trichloroethene	95	4.615	4.610	(1.109)	73651	38.4425	7690	
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	285829	47.0123	47.0	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	230332	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.157	(1.112)	105230	46.0660	46.1	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	117638	50.0000		

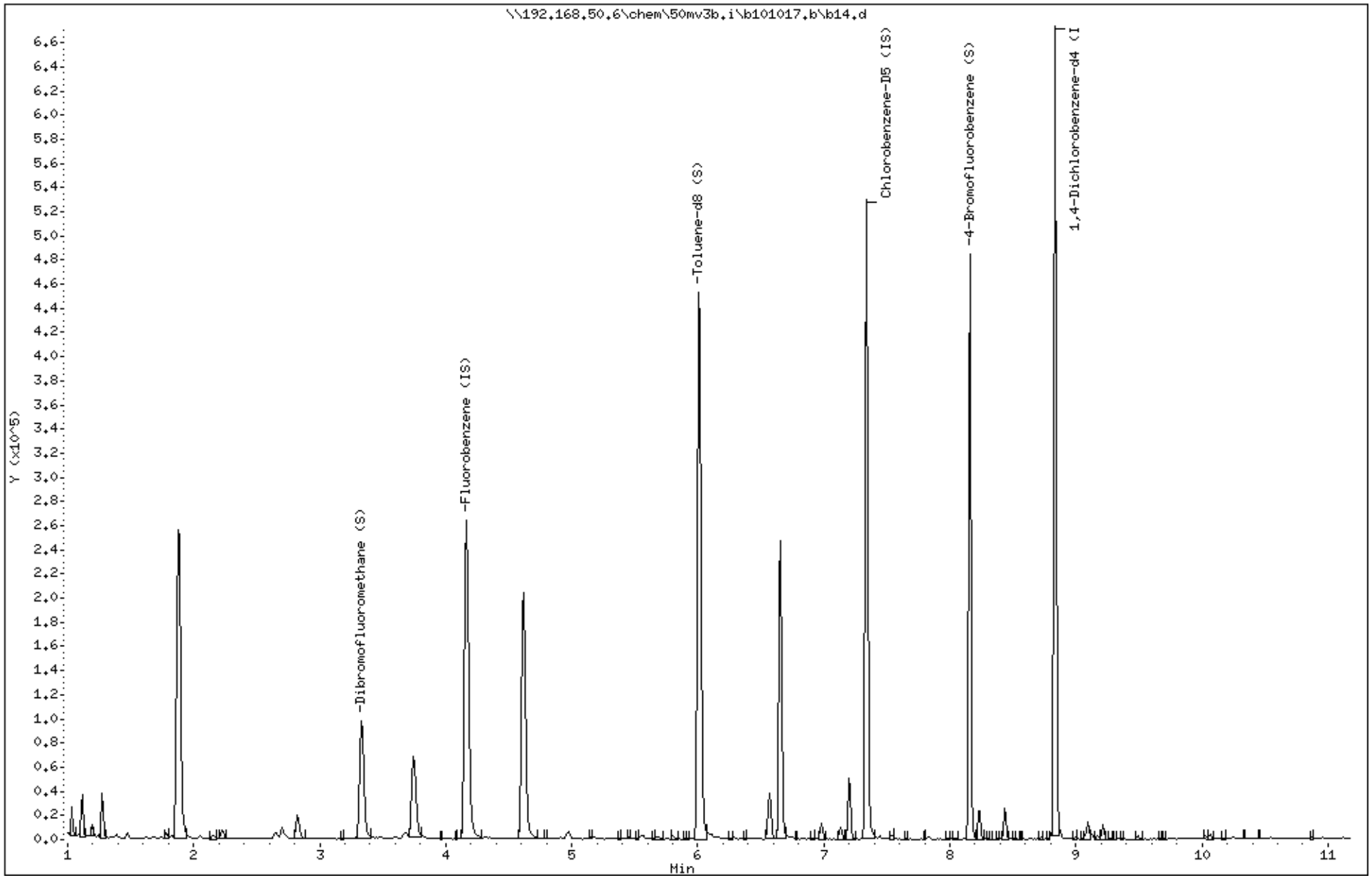
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b14.d
Date : 10-OCT-2017 18:49
Client ID: FD-2 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760020x200
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b14.d

Date : 10-OCT-2017 18:49

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x200

Purge Volume: 5.0

Operator: jlz

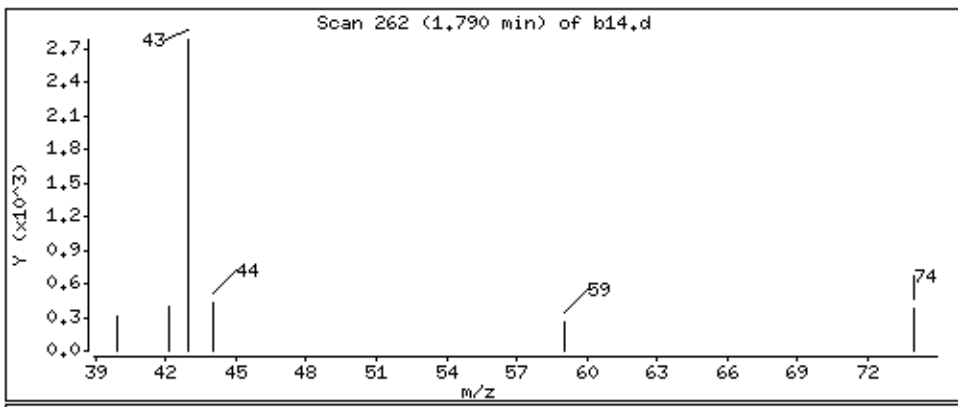
Column phase: DB-624

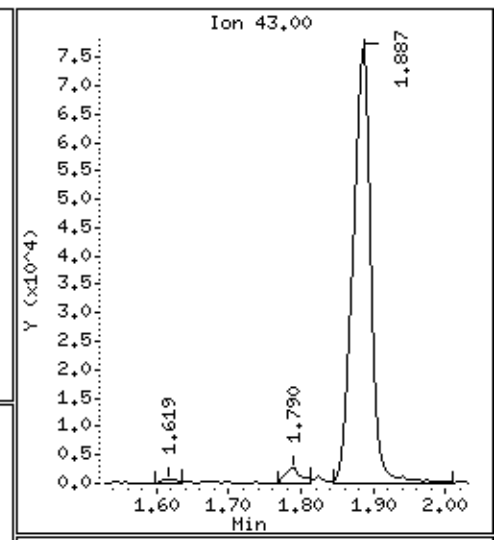
Column diameter: 0.18

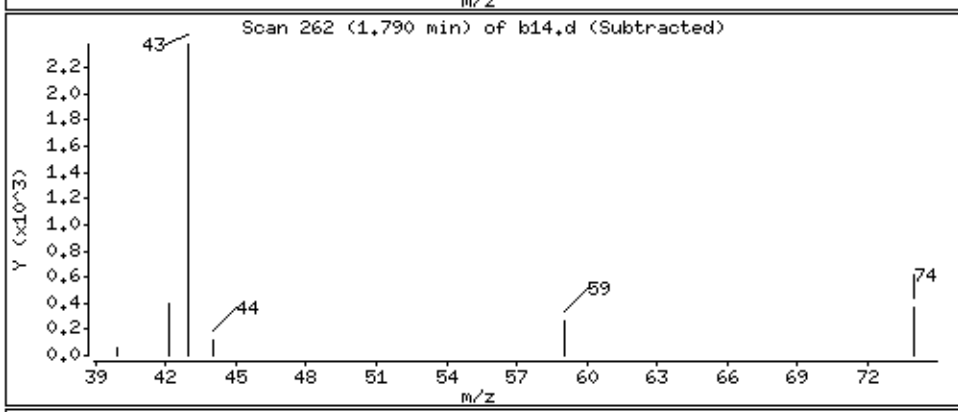
15 Methyl Acetate

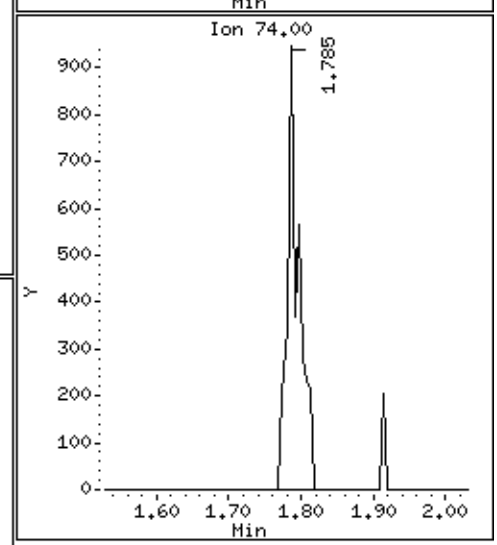
Concentration: 1730 ppb

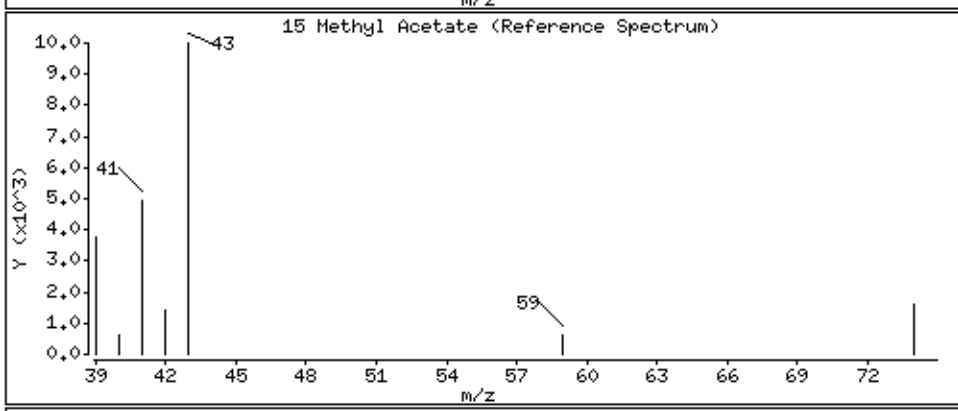
Review Code:

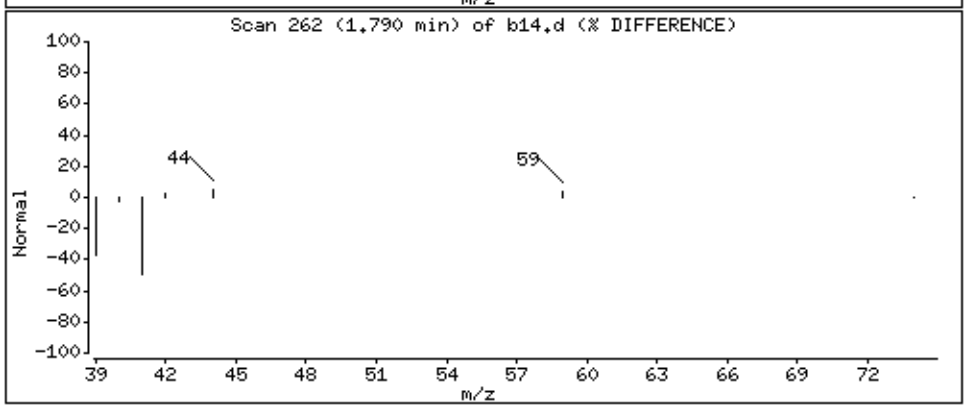












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b14.d

Date : 10-OCT-2017 18:49

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x200

Purge Volume: 5.0

Operator: jlz

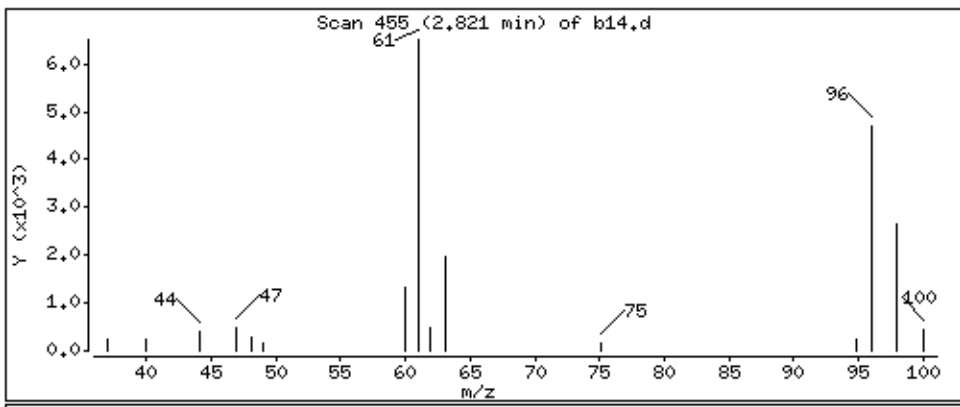
Column phase: DB-624

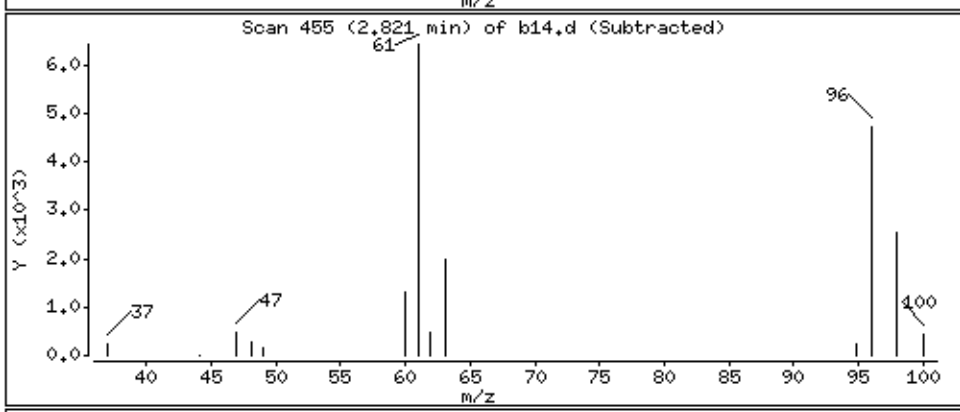
Column diameter: 0.18

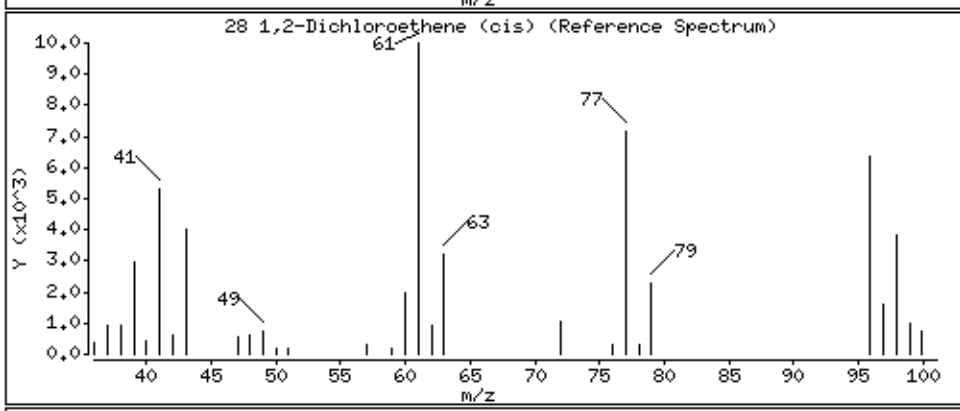
28 1,2-Dichloroethene (cis)

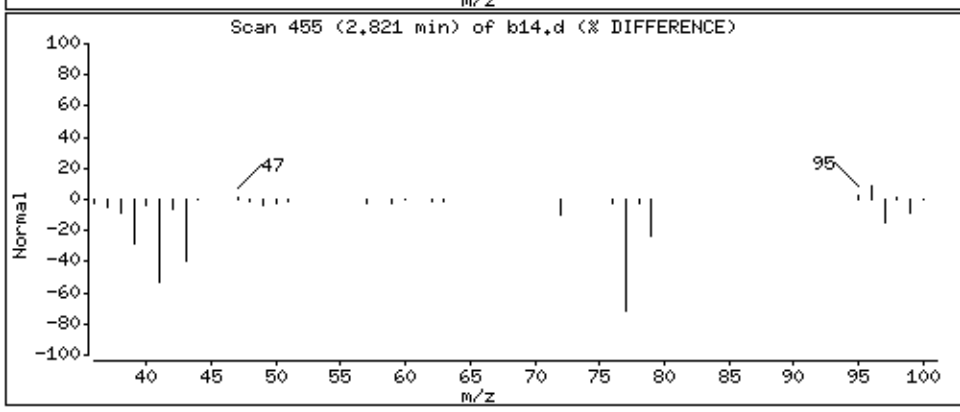
Concentration: 849 ppb

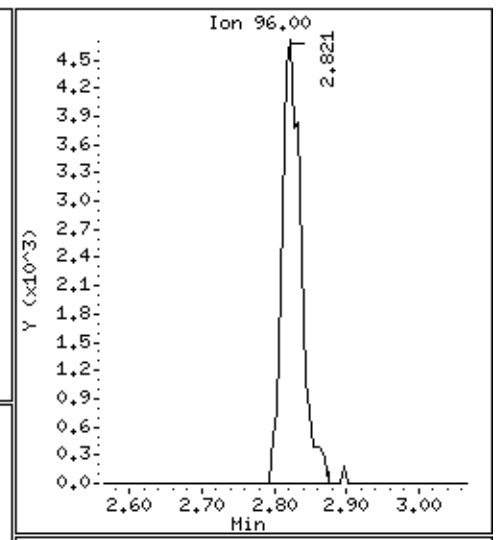
Review Code:

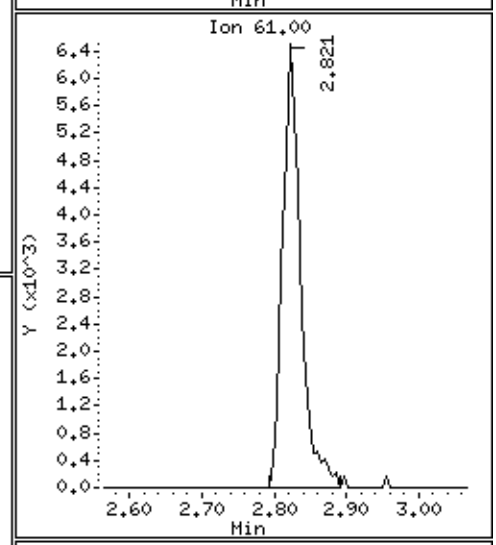


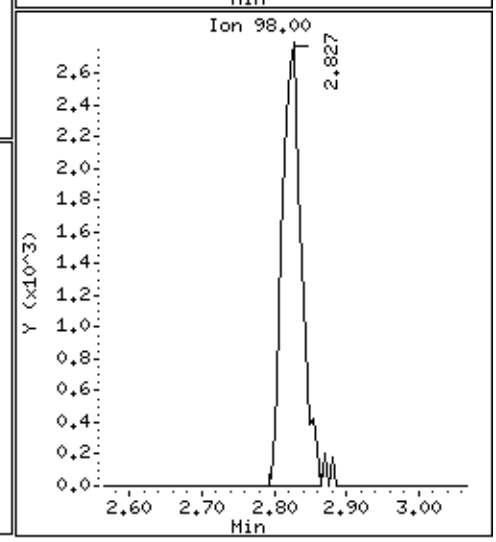












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b14.d

Date : 10-OCT-2017 18:49

Client ID: FD-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760020x200

Purge Volume: 5.0

Operator: jlz

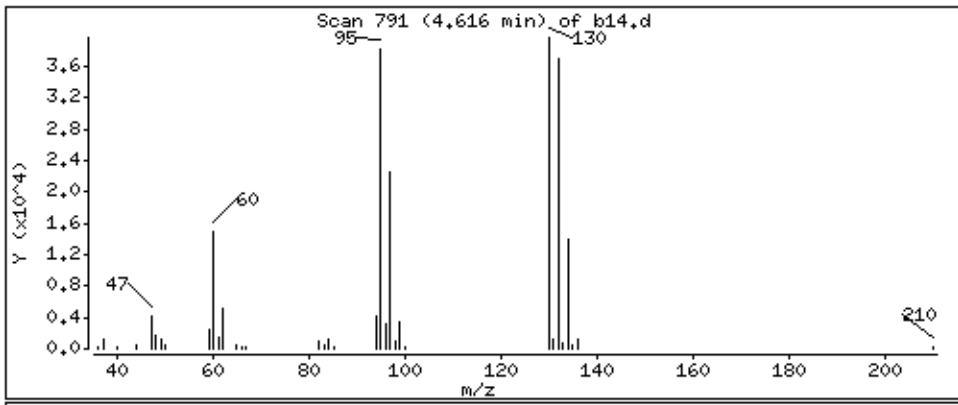
Column phase: DB-624

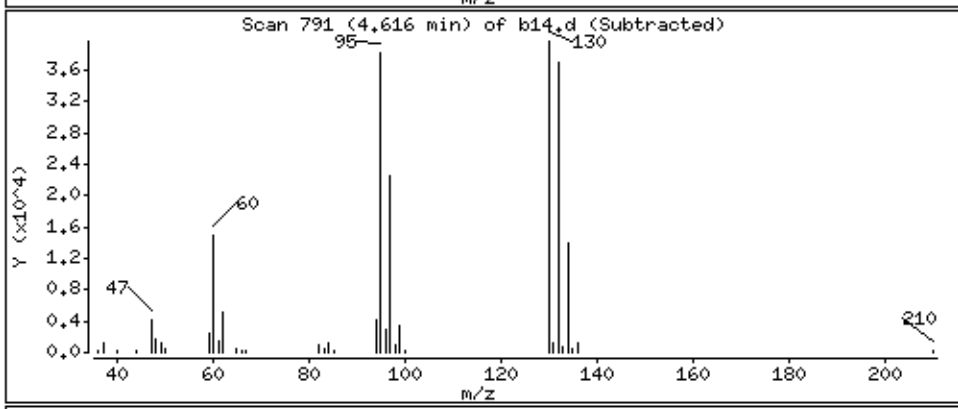
Column diameter: 0.18

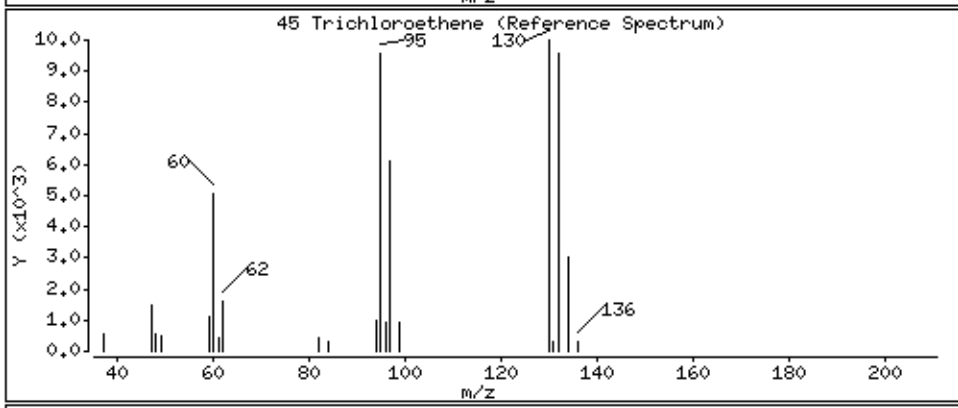
45 Trichloroethene

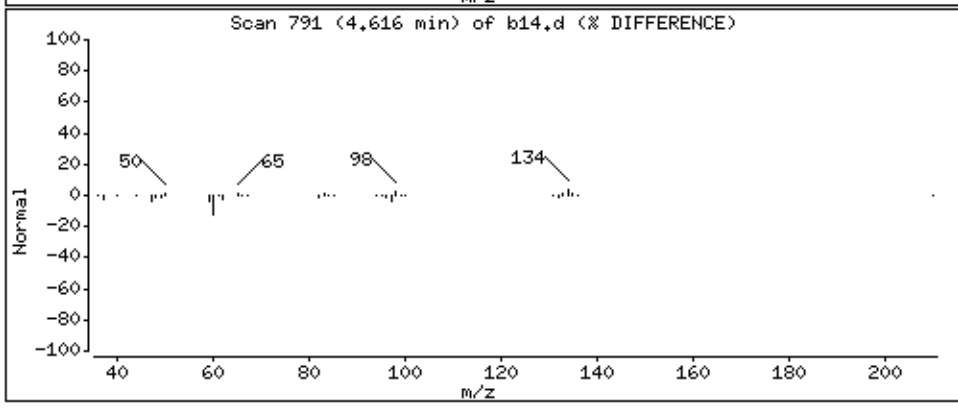
Concentration: 7690 ppb

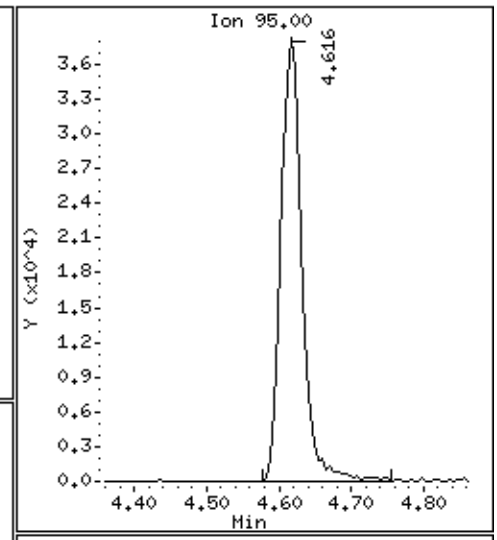
Review Code:

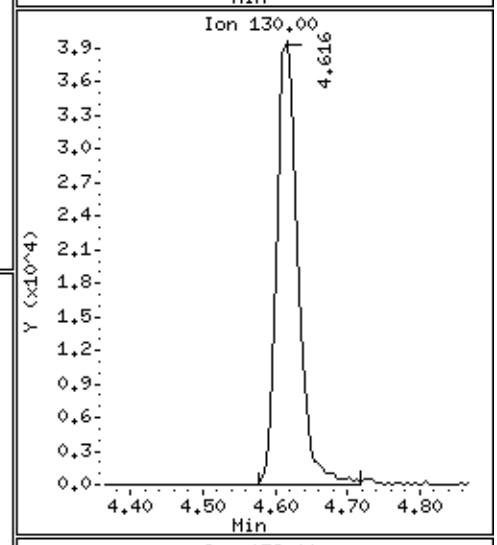


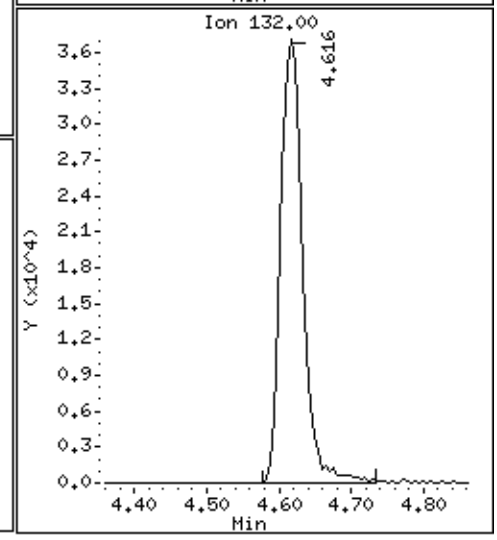












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b14.d
Injection Date: 10-OCT-2017 18:49
Instrument: 50mv3b.i
Lab Sample ID: 50180760020
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0623-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:23 Lab Sample ID: 50180760021

Date Analyzed: 10/06/2017 02:23 Lab File ID: B100517.B\D08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0623-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:23 Lab Sample ID: 50180760021

Date Analyzed: 10/06/2017 02:23 Lab File ID: B100517.B\D08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d08.d
Lab Smp Id: 50180760021 Client Smp ID: MW-0623-S1 (092717)
Inj Date : 06-OCT-2017 02:23
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760021
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 64
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.611	1.611	(0.387)	5199	20.7970	20.8	
$	35 Dibromofluoromethane (S)	113	3.331	3.330	(0.800)	65134	48.4181	48.4	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	279341	50.0000		
	45 Trichloroethene	95	4.629	4.612	(1.112)	1474	0.78350	0.784(Q)	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	288380	49.9850	50.0	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	218567	50.0000		
	68 Ethylbenzene	106	7.444	7.443	(1.015)	1088	0.32549	0.325(Q)	
$	74 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.111)	101386	46.7723	46.8	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.832	(1.000)	111942	50.0000		

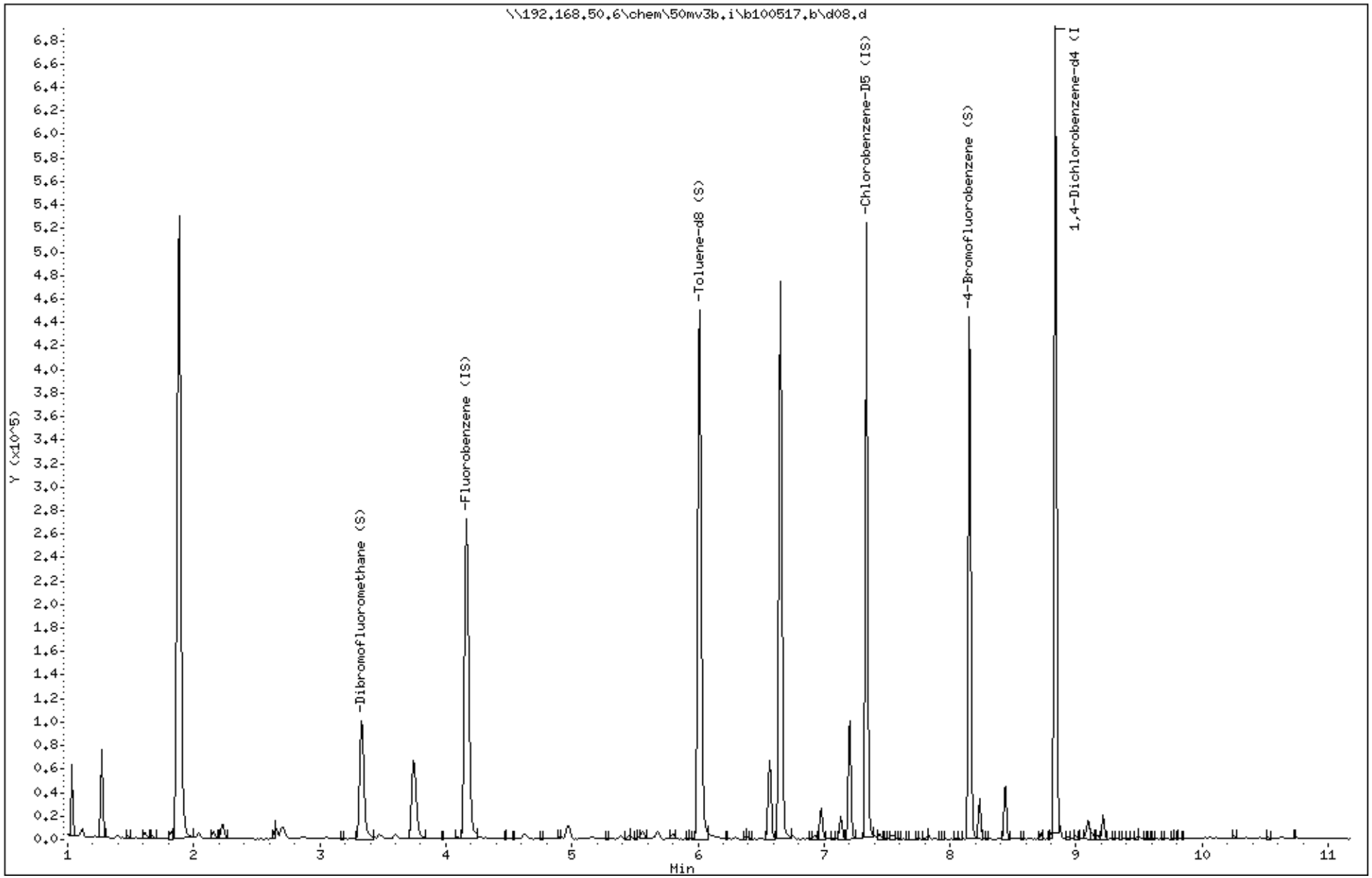
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d08.d
Date : 06-OCT-2017 02:23
Client ID: MW-0623-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760021
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d08.d

Date : 06-OCT-2017 02:23

Client ID: MW-0623-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760021

Purge Volume: 5.0

Operator: jlz

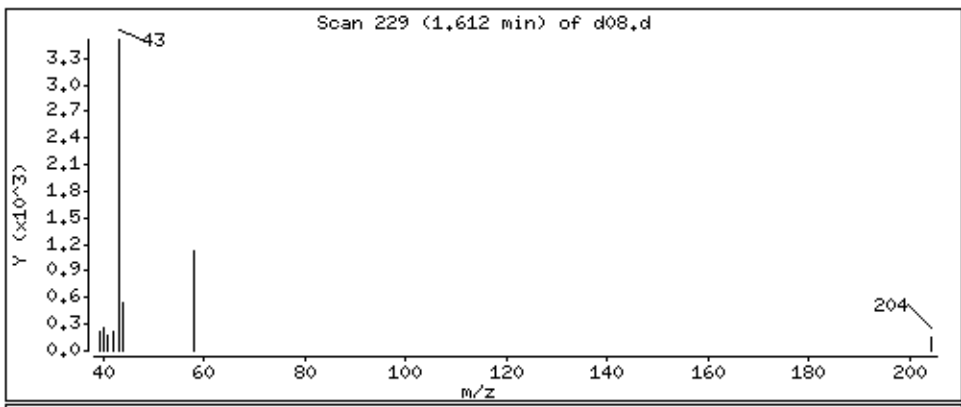
Column phase: DB-624

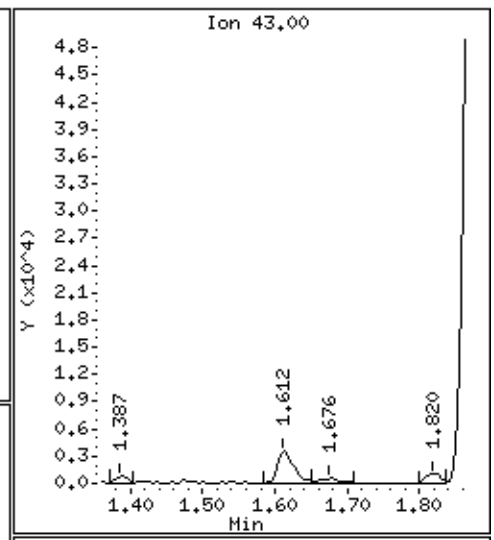
Column diameter: 0.18

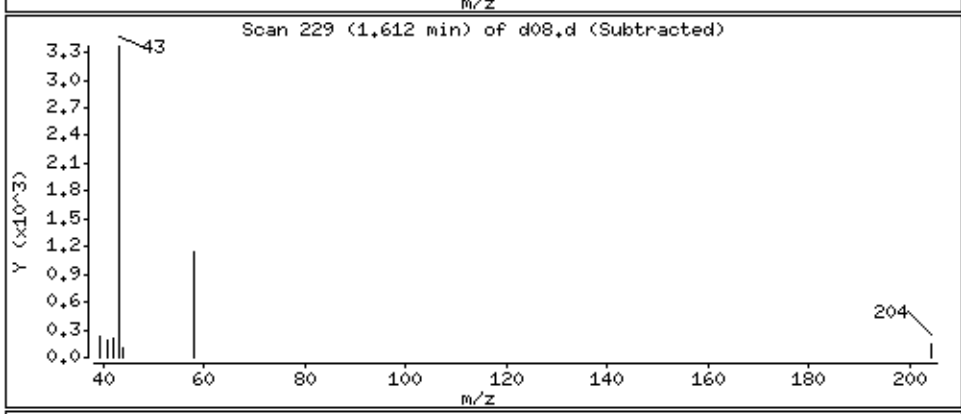
12 Acetone

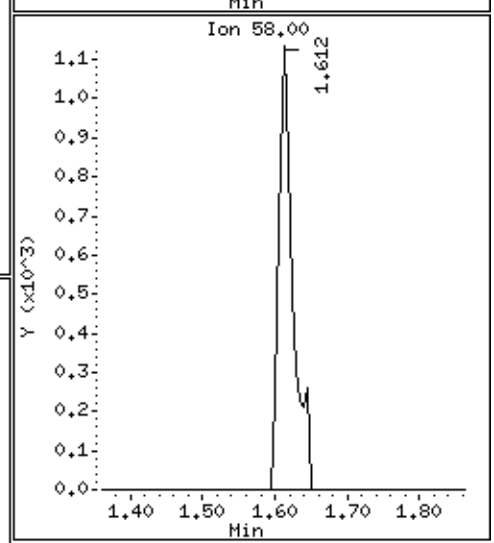
Concentration: 20.8 ppb

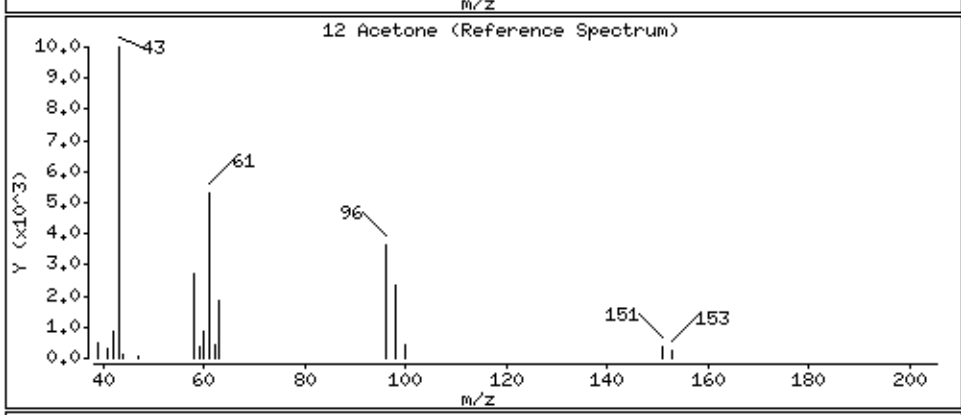
Review Code:

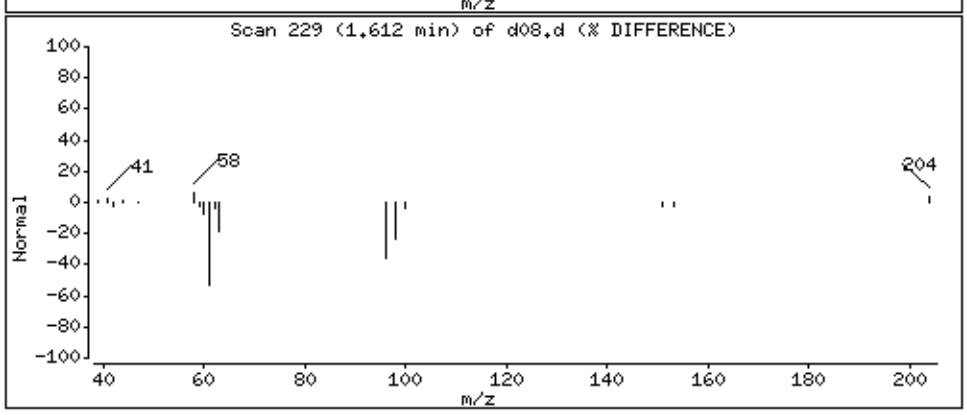












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d08.d

Date : 06-OCT-2017 02:23

Client ID: MW-0623-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760021

Purge Volume: 5.0

Operator: jlz

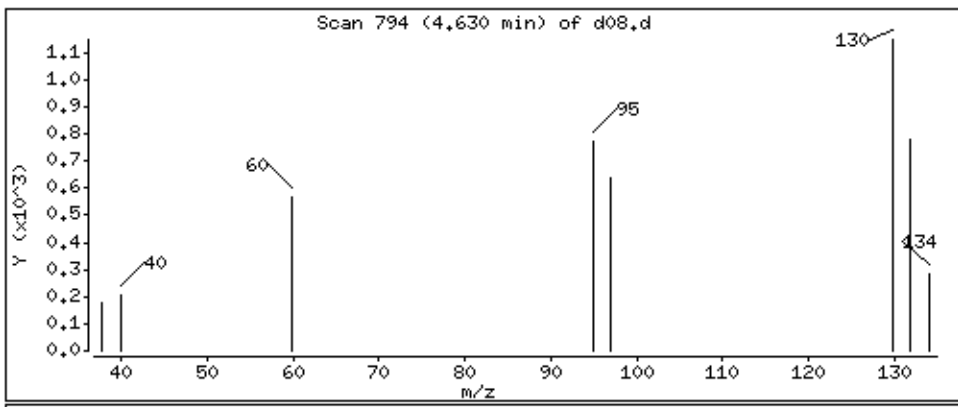
Column phase: DB-624

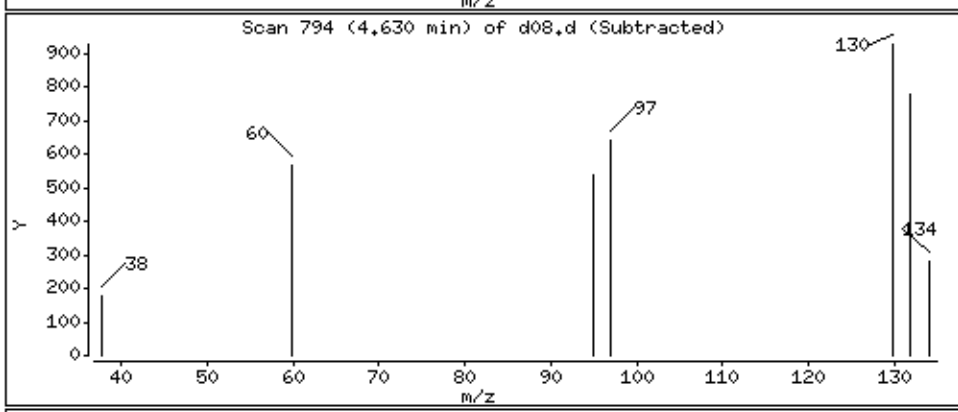
Column diameter: 0.18

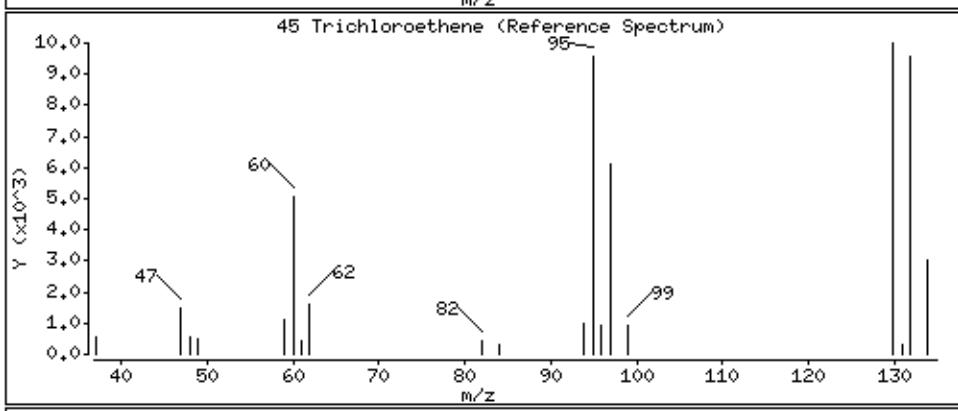
45 Trichloroethene

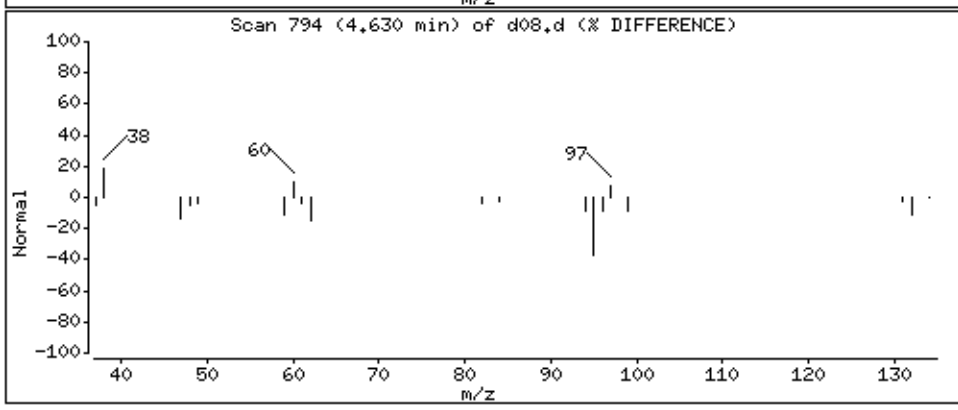
Concentration: 0.784 ppb

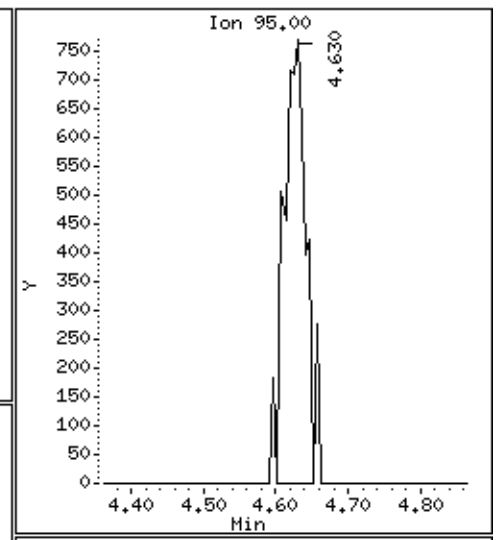
Review Code:

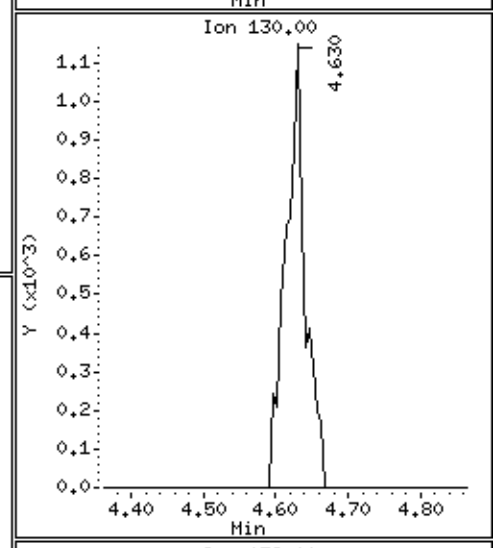


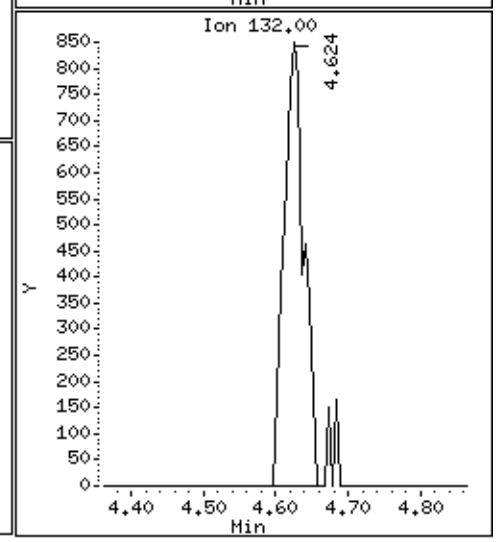












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d08.d

Date : 06-OCT-2017 02:23

Client ID: MW-0623-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760021

Purge Volume: 5.0

Operator: jlz

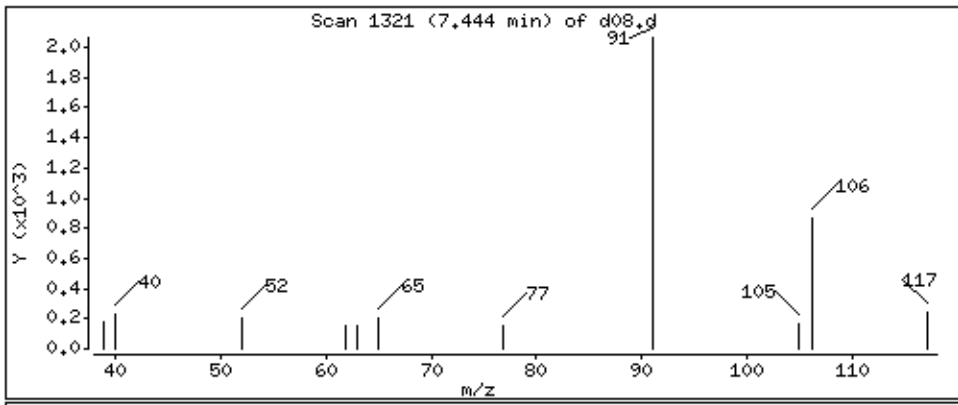
Column phase: DB-624

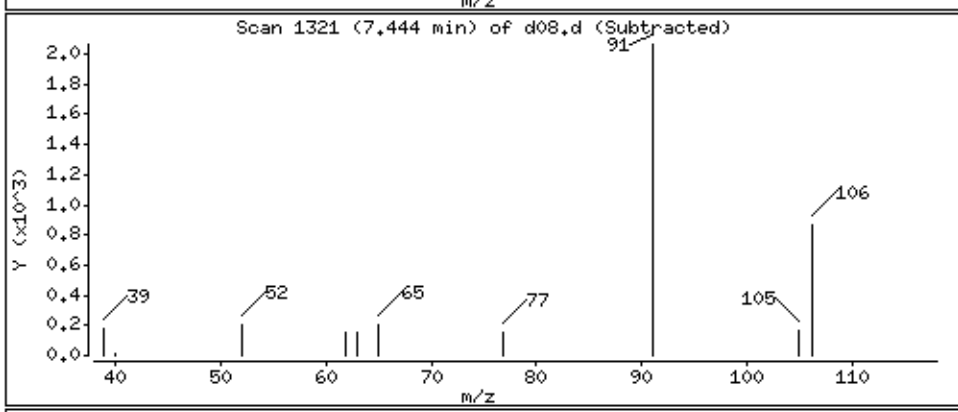
Column diameter: 0.18

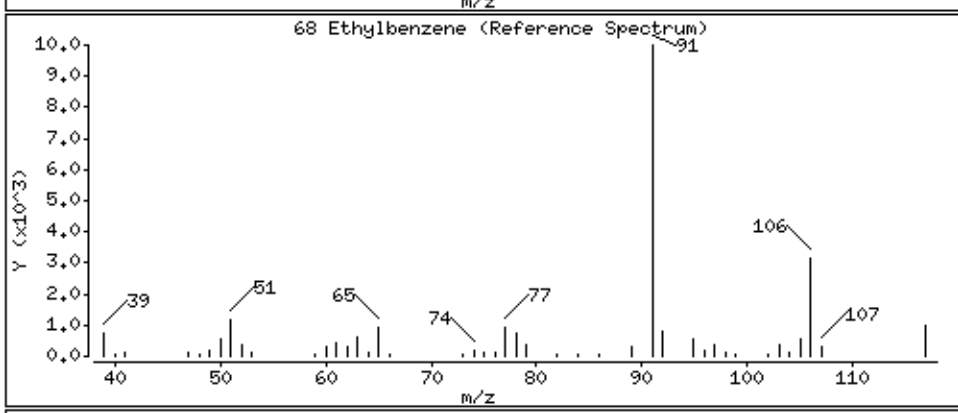
68 Ethylbenzene

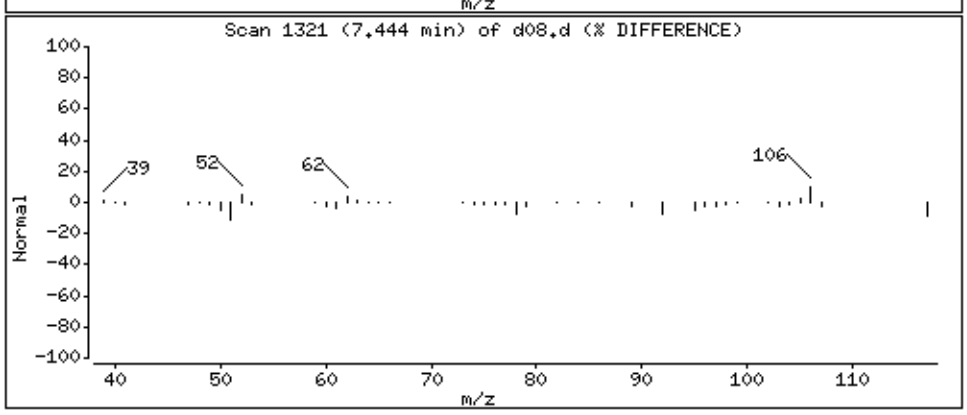
Concentration: 0.325 ppb

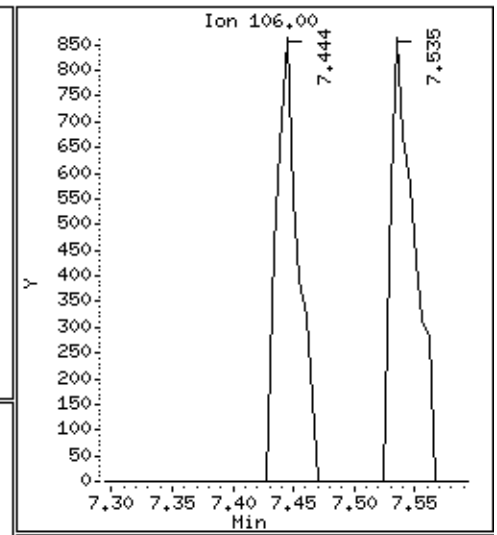
Review Code:

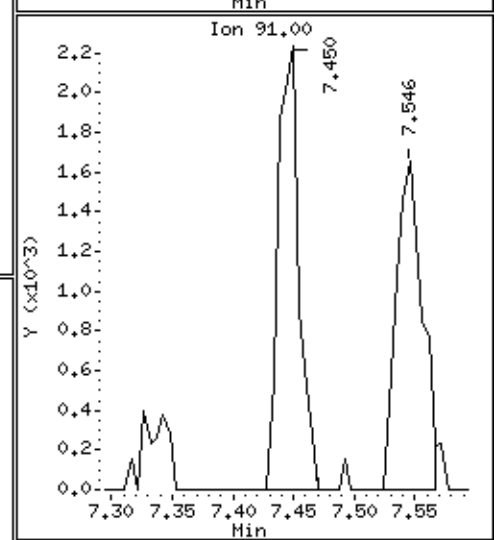












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d08.d
Injection Date: 06-OCT-2017 02:23
Instrument: 50mv3b.i
Lab Sample ID: 50180760021
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0103-S1U (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:55 Lab Sample ID: 50180760022

Date Analyzed: 10/06/2017 02:55 Lab File ID: B100517.B\D09.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0103-S1U (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 02:55 Lab Sample ID: 50180760022

Date Analyzed: 10/06/2017 02:55 Lab File ID: B100517.B\D09.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	5.5	
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d
Lab Smp Id: 50180760022 Client Smp ID: MW-0103-S1U (092717
Inj Date : 06-OCT-2017 02:55
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760022
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 66
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.610	1.611	(0.387)	7158	28.7664	28.8	
	28 1,2-Dichloroethene (cis)	96	2.817	2.818	(0.677)	8108	4.26217	4.26(Q)	
$	35 Dibromofluoromethane (S)	113	3.330	3.330	(0.800)	64744	48.3516	48.4	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	278050	50.0000		
	45 Trichloroethene	95	4.617	4.612	(1.109)	10389	5.54791	5.55	
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	280678	48.3934	48.4	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	219726	50.0000		
	68 Ethylbenzene	106	7.448	7.443	(1.015)	1103	0.32824	0.328(Q)	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	101229	46.4536	46.4	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	114010	50.0000		

QC Flag Legend

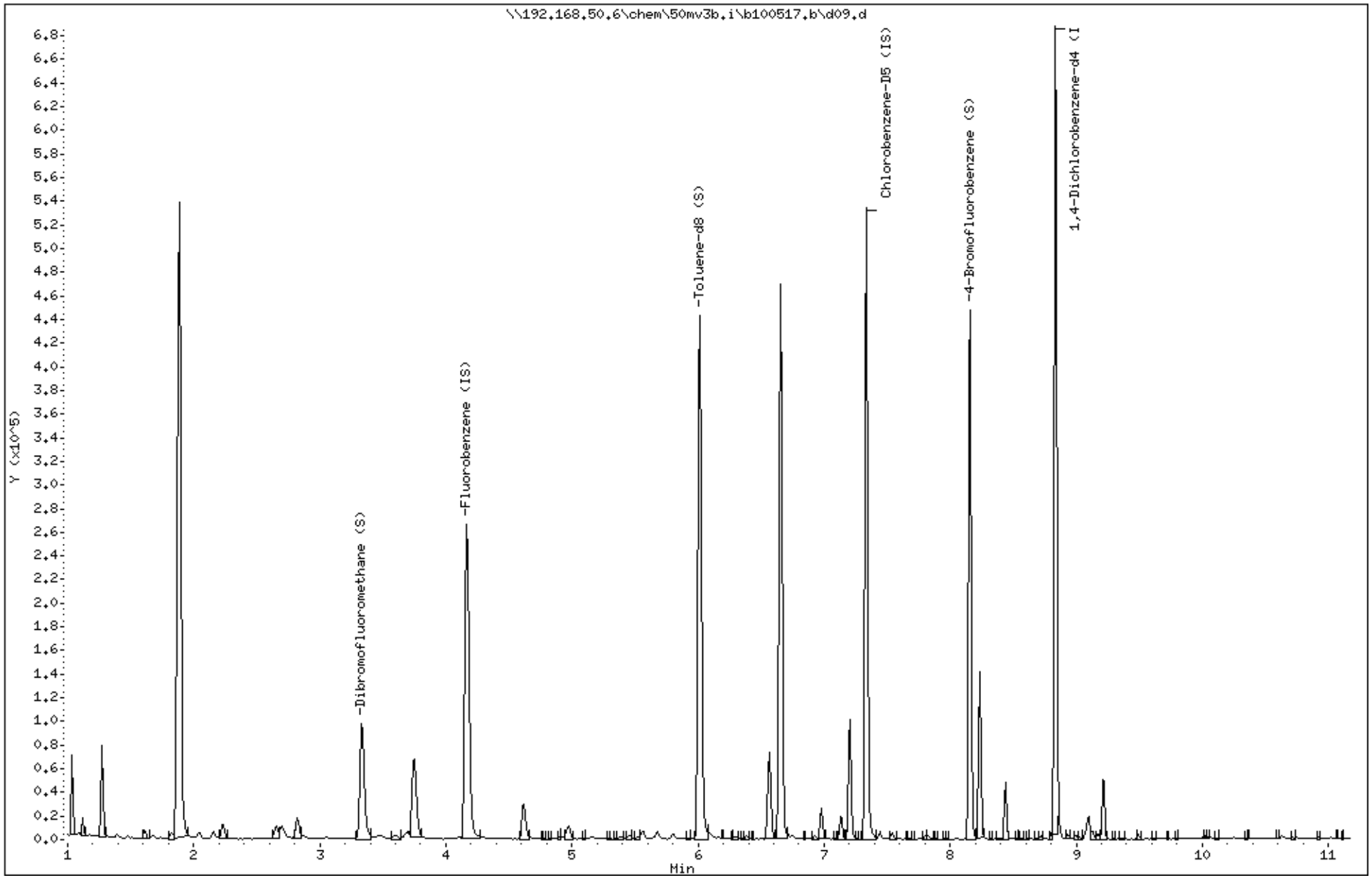
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d
Date : 06-OCT-2017 02:55
Client ID: MW-0103-S1U (092717
Sample Info: 50180760022
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d

Date : 06-OCT-2017 02:55

Client ID: MW-0103-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760022

Purge Volume: 5.0

Operator: jlz

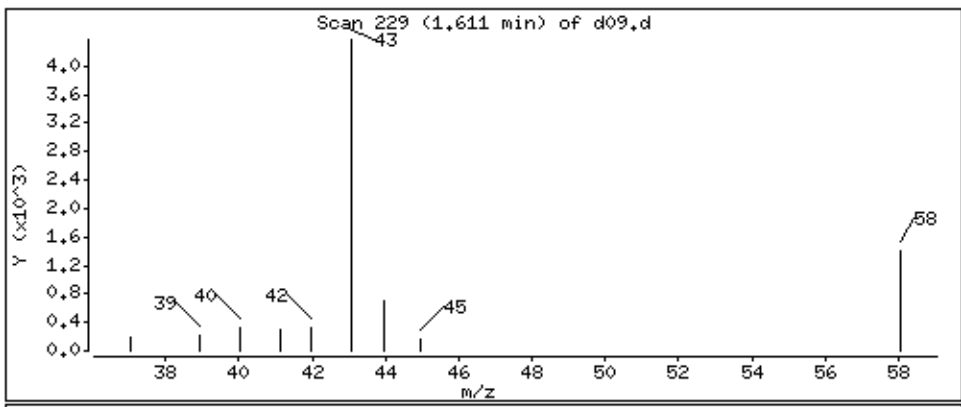
Column phase: DB-624

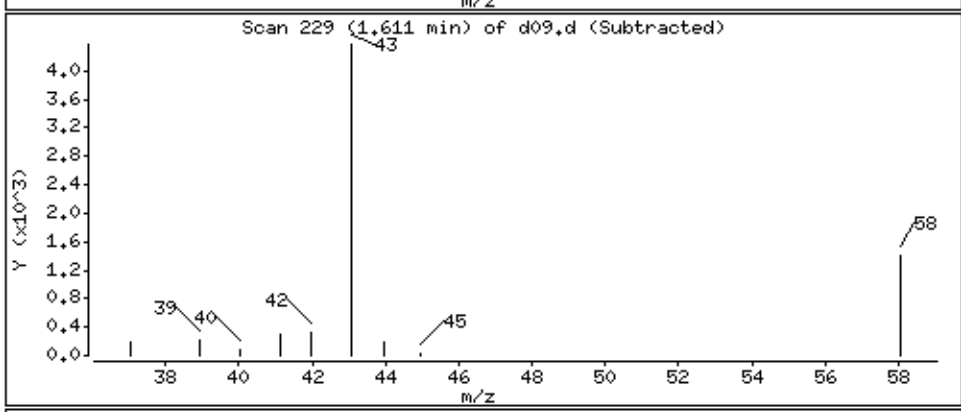
Column diameter: 0.18

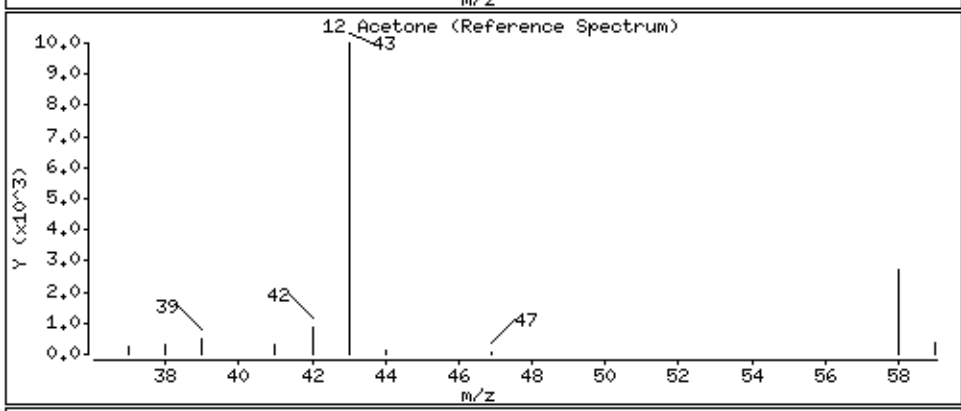
12 Acetone

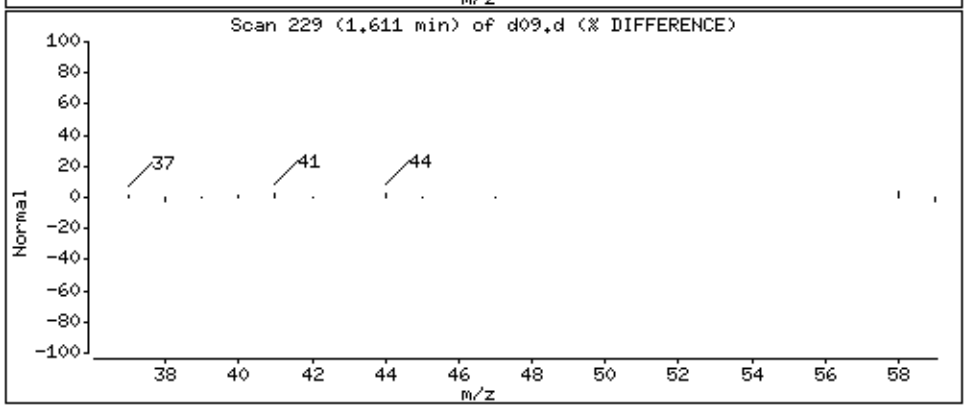
Concentration: 28.8 ppb

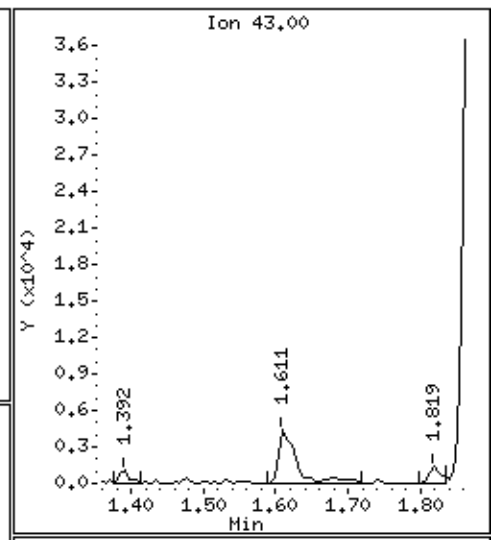
Review Code:

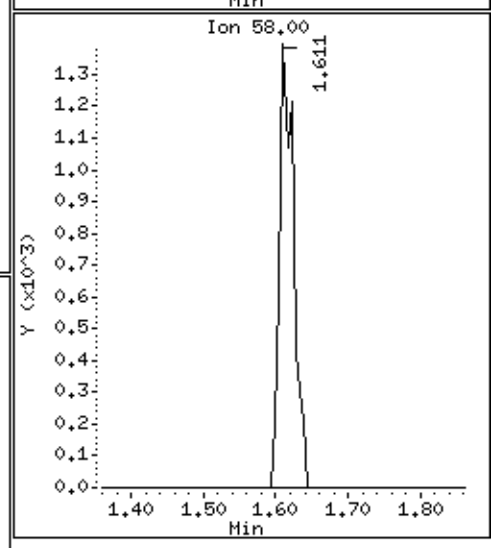












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d

Date : 06-OCT-2017 02:55

Client ID: MW-0103-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760022

Purge Volume: 5.0

Operator: jlz

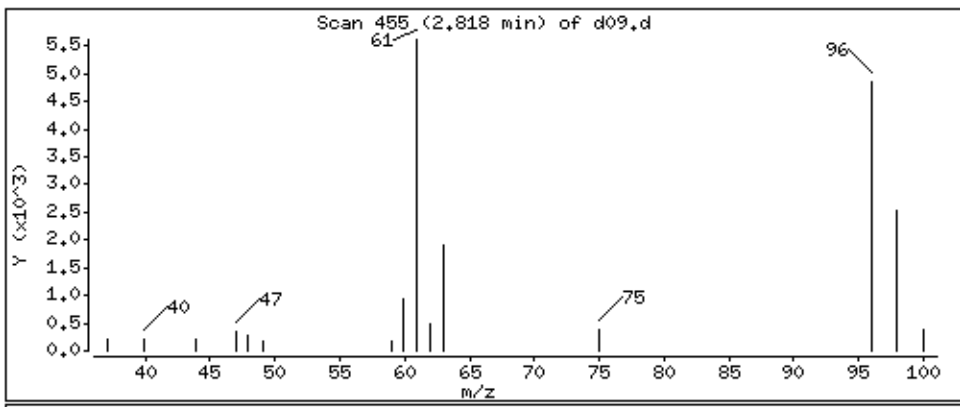
Column phase: DB-624

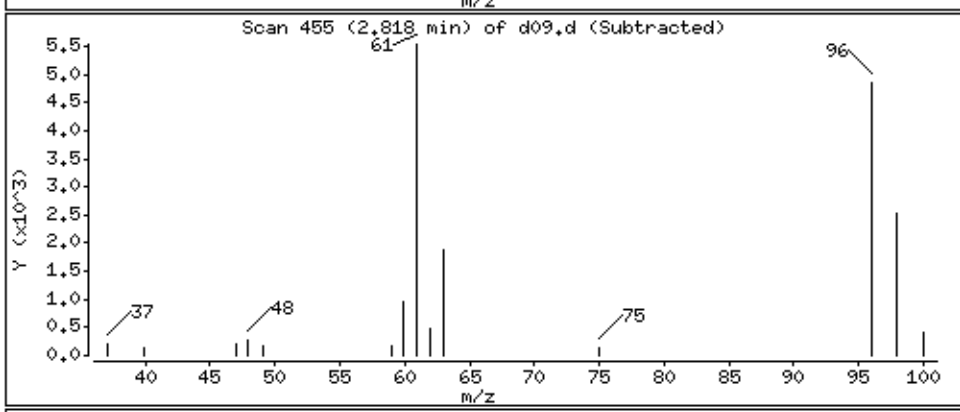
Column diameter: 0.18

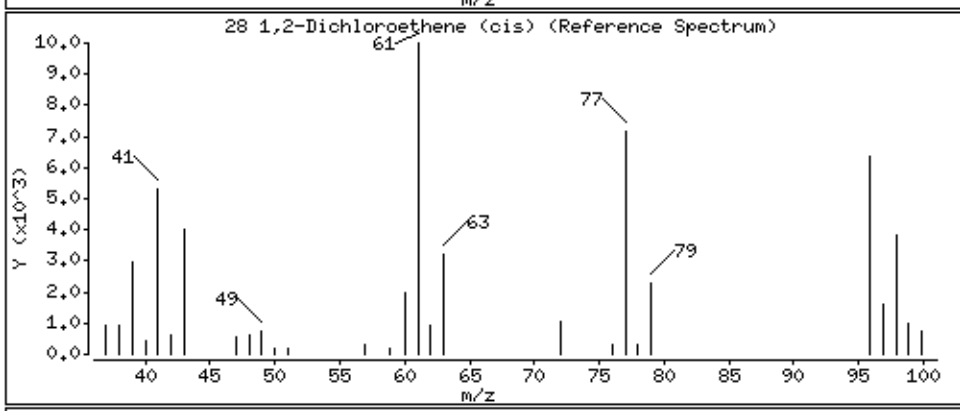
28 1,2-Dichloroethene (cis)

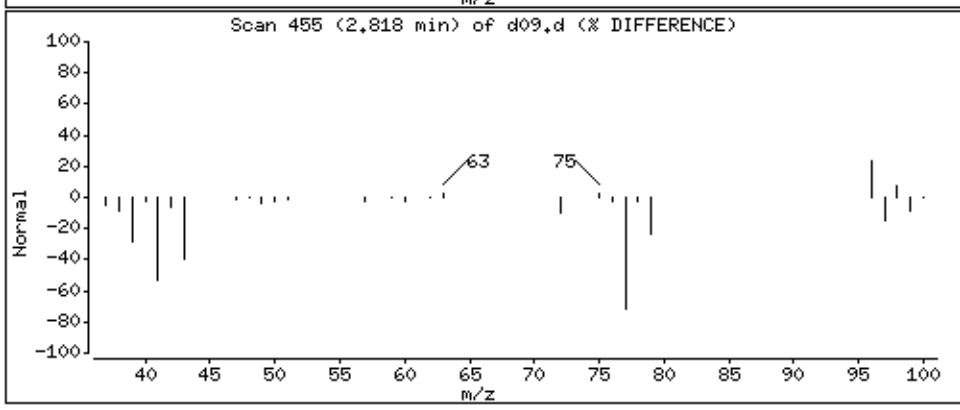
Concentration: 4.26 ppb

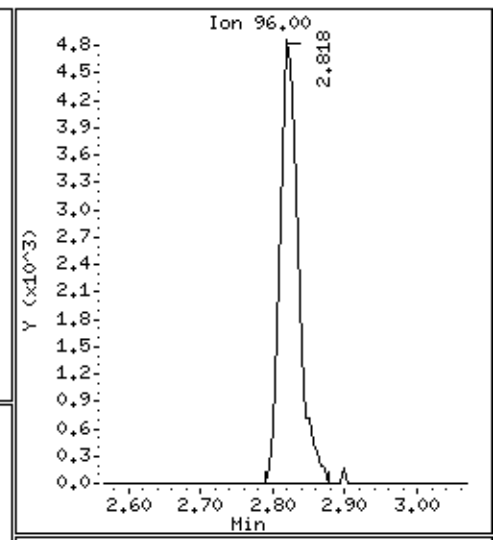
Review Code:

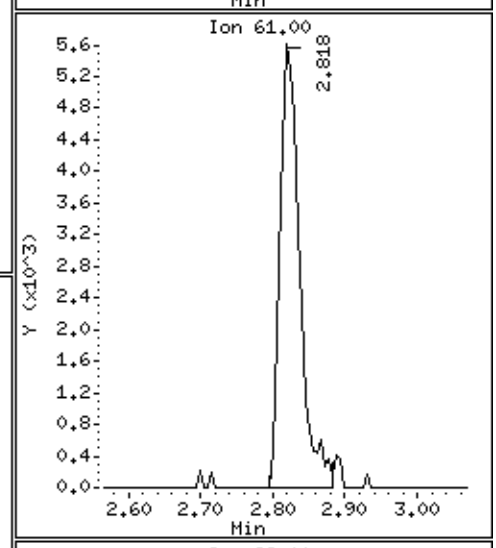


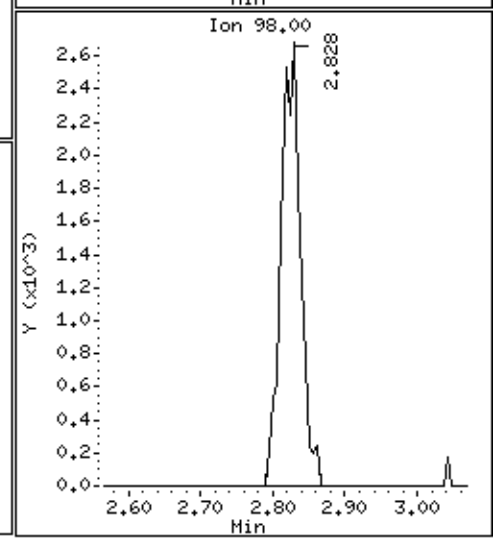












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d

Date : 06-OCT-2017 02:55

Client ID: MW-0103-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760022

Purge Volume: 5.0

Operator: jlz

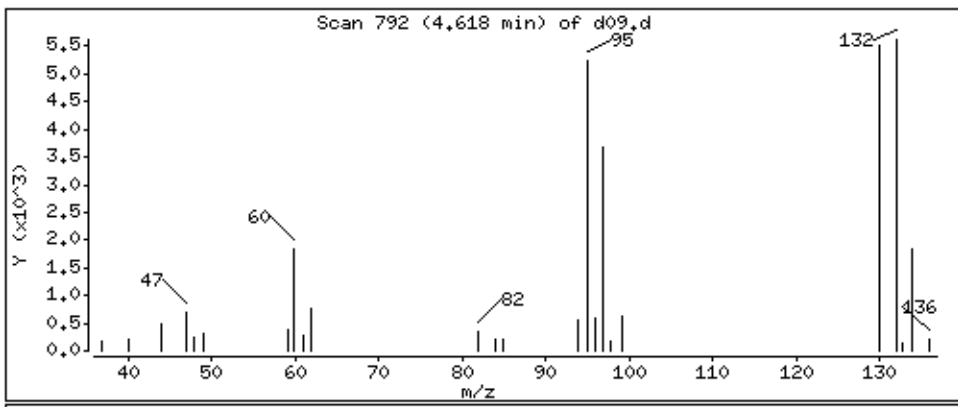
Column phase: DB-624

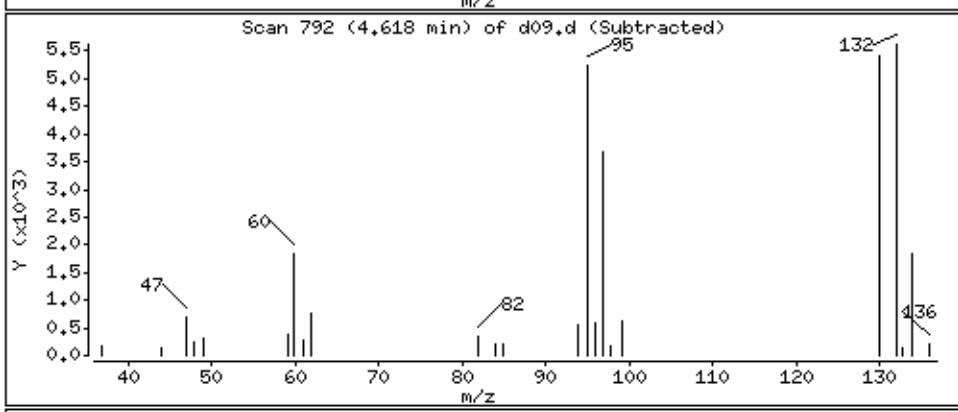
Column diameter: 0.18

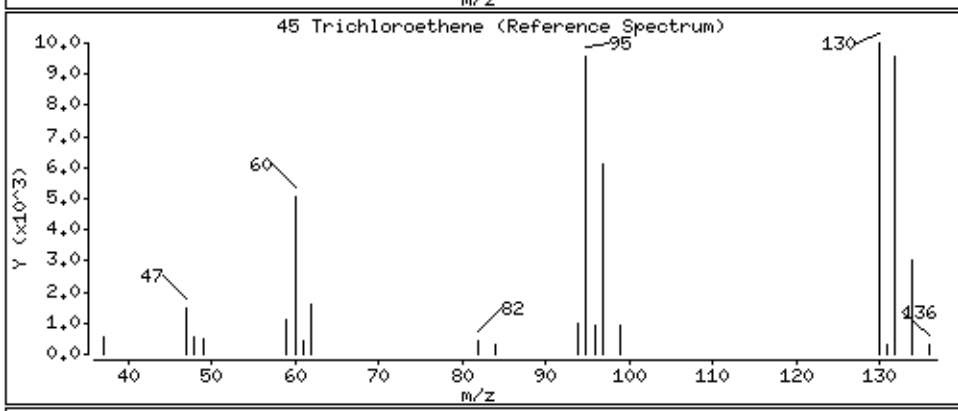
45 Trichloroethene

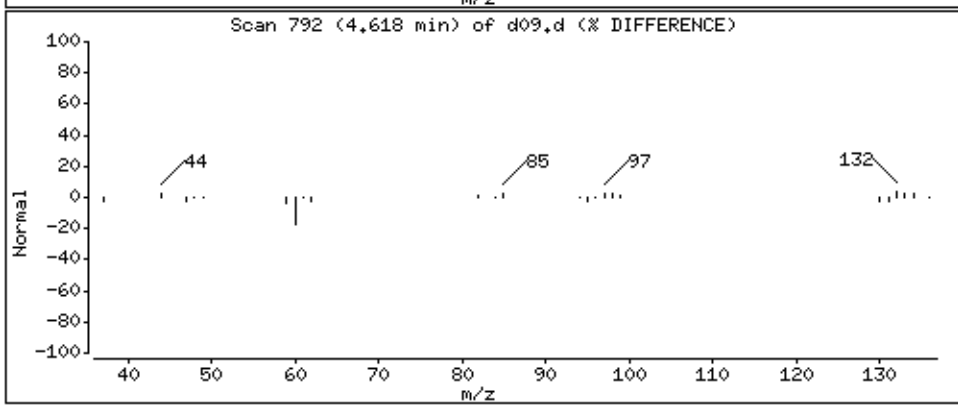
Concentration: 5.55 ppb

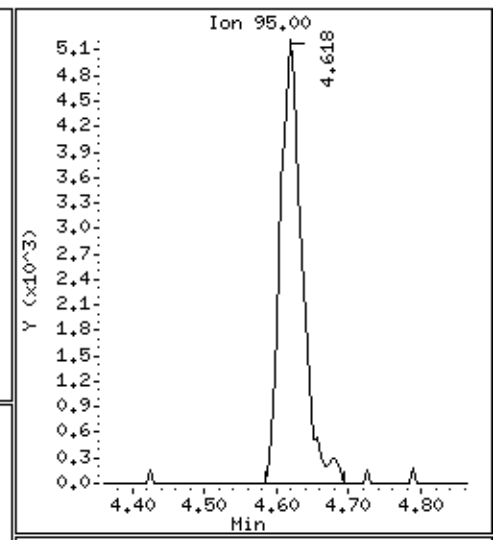
Review Code:

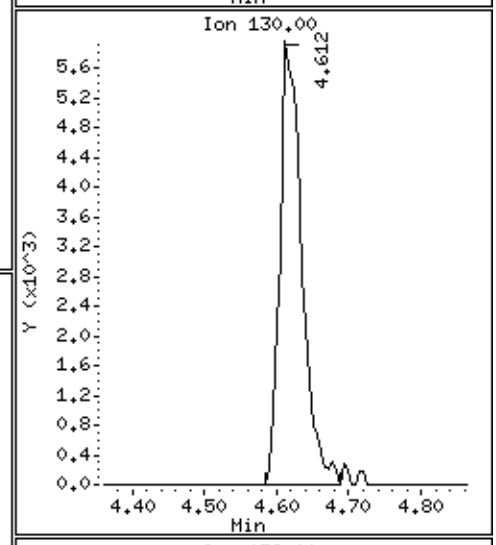


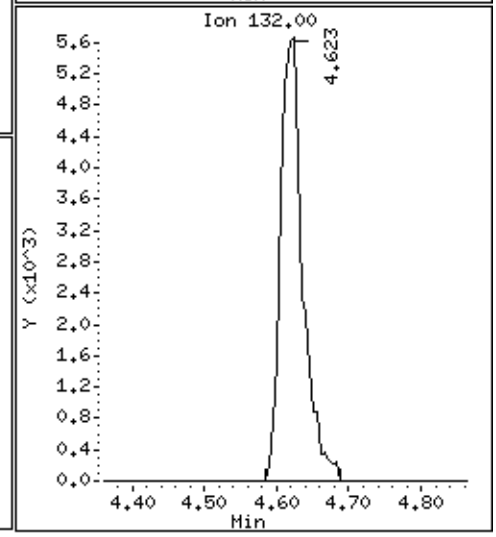












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d09.d

Date : 06-OCT-2017 02:55

Client ID: MW-0103-S1U (092717

Instrument: 50mv3b.i

Sample Info: 50180760022

Purge Volume: 5.0

Operator: jlz

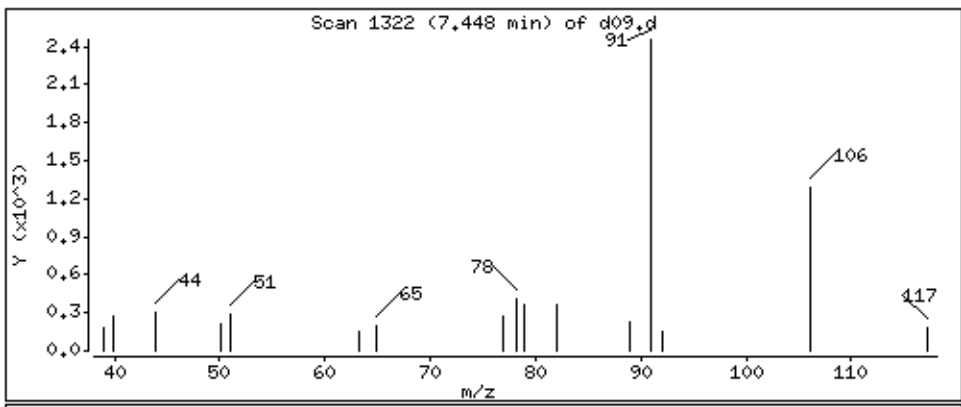
Column phase: DB-624

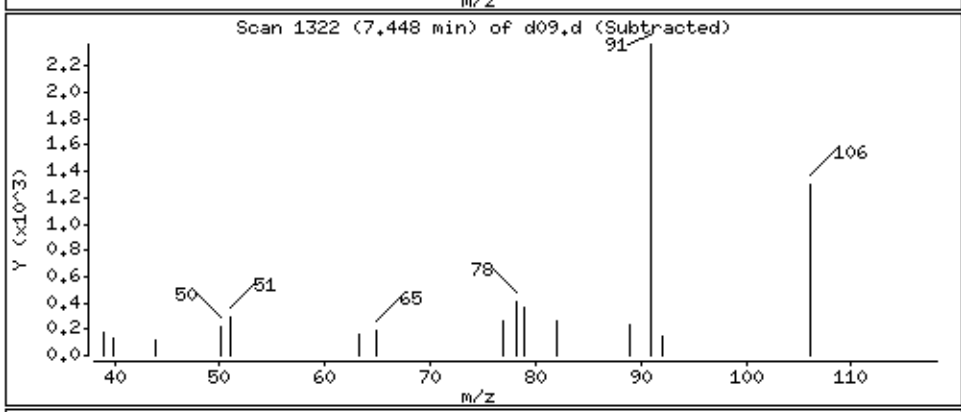
Column diameter: 0.18

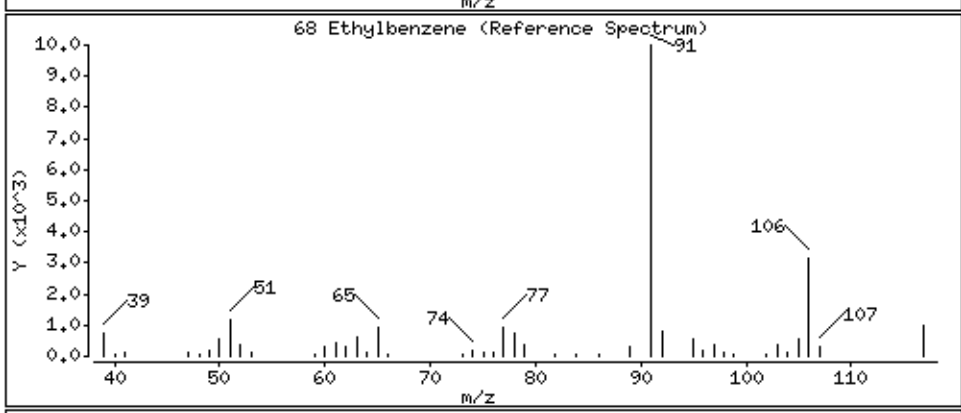
68 Ethylbenzene

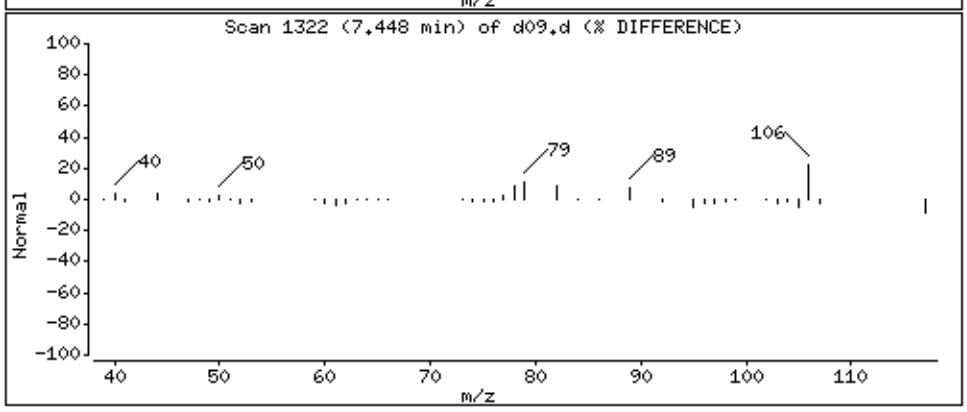
Concentration: 0.328 ppb

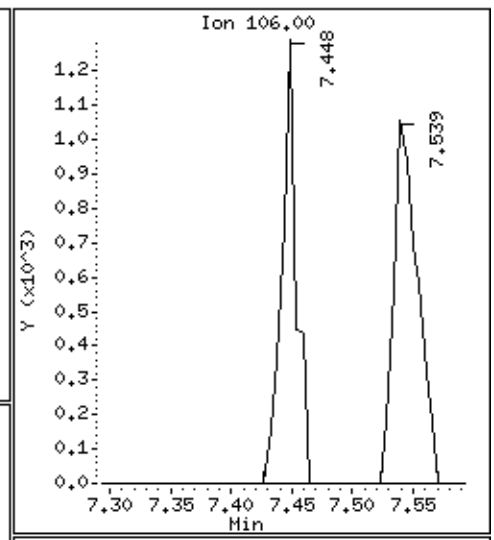
Review Code:

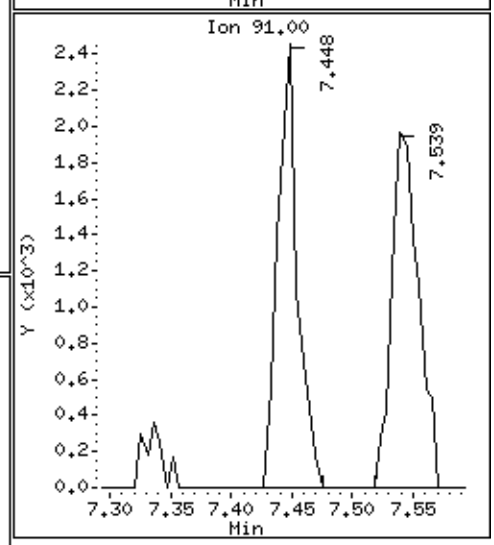












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d09.d
Injection Date: 06-OCT-2017 02:55
Instrument: 50mv3b.i
Lab Sample ID: 50180760022
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0509-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:27 Lab Sample ID: 50180760023

Date Analyzed: 10/06/2017 03:27 Lab File ID: B100517.B\D10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0509-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:27 Lab Sample ID: 50180760023

Date Analyzed: 10/06/2017 03:27 Lab File ID: B100517.B\D10.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d10.d
Lab Smp Id: 50180760023 Client Smp ID: MW-0509-S1 (092717)
Inj Date : 06-OCT-2017 03:27
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760023
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 68
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

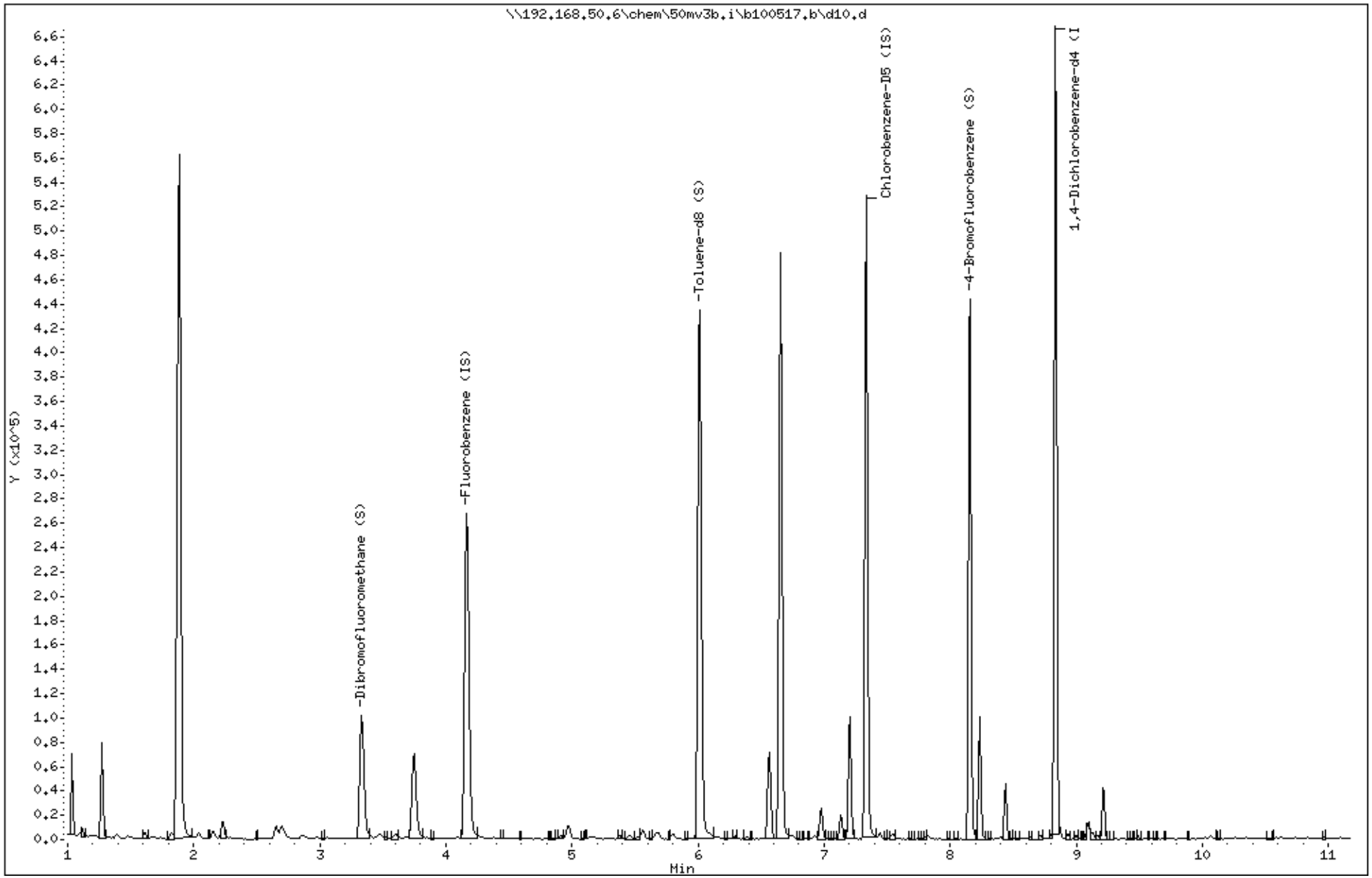
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.615	1.611	(0.388)	5040	19.7655	19.8	
$ 35 Dibromofluoromethane (S)	113	3.330	3.330	(0.800)	66247	48.2795	48.3	
* 44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	284930	50.0000		
$ 55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	285500	49.1776	49.2	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	219937	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	100963	46.2870	46.3	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	111916	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d10.d
Date : 06-OCT-2017 03:27
Client ID: MW-0509-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760023
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d10.d

Date : 06-OCT-2017 03:27

Client ID: MW-0509-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760023

Purge Volume: 5.0

Operator: jlz

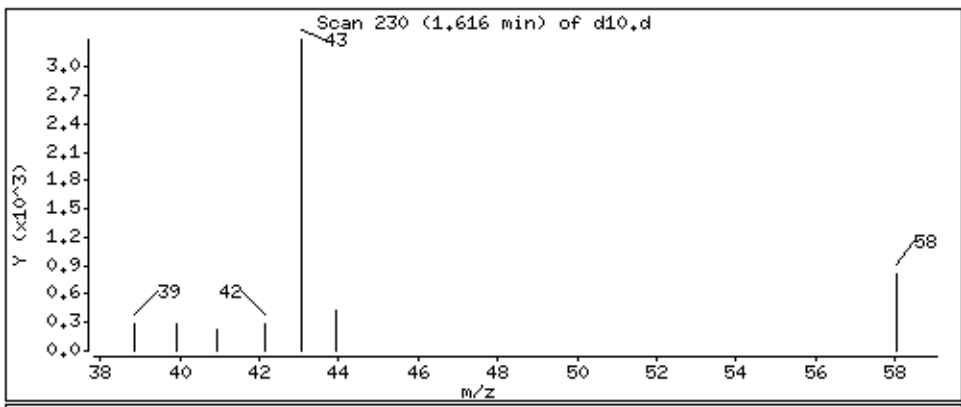
Column phase: DB-624

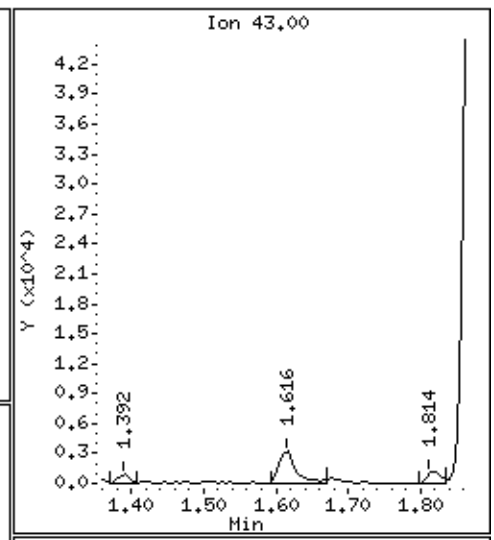
Column diameter: 0.18

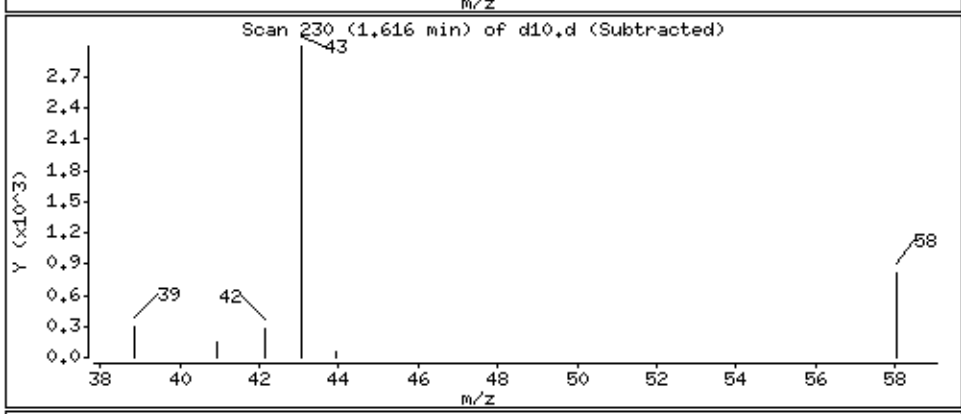
12 Acetone

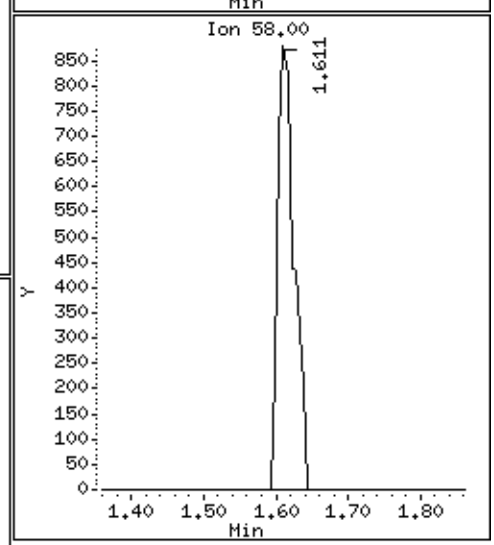
Concentration: 19.8 ppb

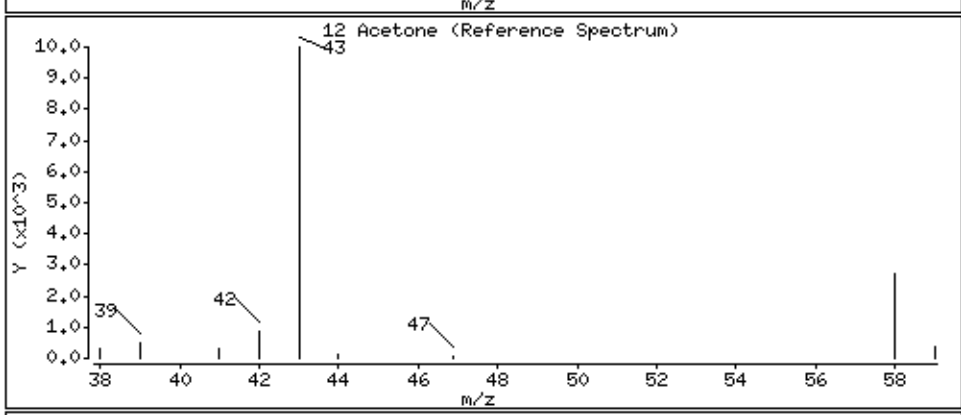
Review Code:

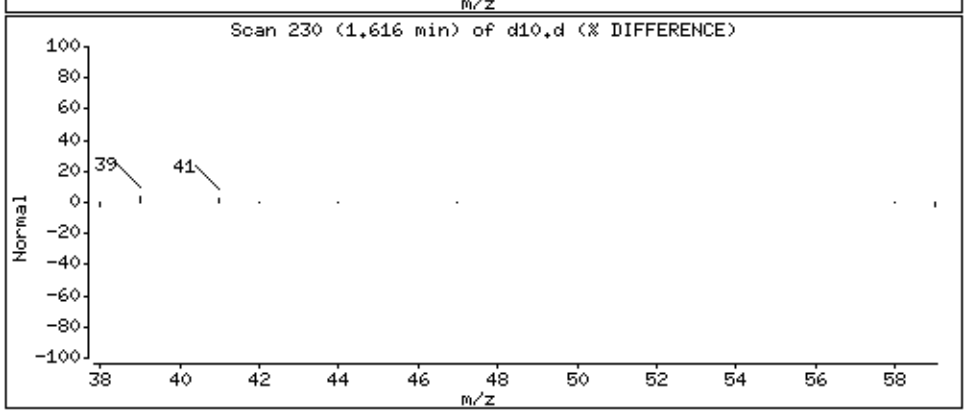












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d10.d
Injection Date: 06-OCT-2017 03:27
Instrument: 50mv3b.i
Lab Sample ID: 50180760023
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0501-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:59 Lab Sample ID: 50180760024

Date Analyzed: 10/06/2017 03:59 Lab File ID: B100517.B\D11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0501-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:59 Lab Sample ID: 50180760024

Date Analyzed: 10/06/2017 03:59 Lab File ID: B100517.B\D11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d11.d
Lab Smp Id: 50180760024 Client Smp ID: MW-0501-S1 (092717)
Inj Date : 06-OCT-2017 03:59
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760024
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 70
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.615	1.611	(0.388)	14716	59.5730	59.6	
28 1,2-Dichloroethene (cis)	96	2.828	2.818	(0.679)	3434	1.81838	1.82(Q)	
$ 35 Dibromofluoromethane (S)	113	3.335	3.330	(0.801)	65261	49.0944	49.1	
* 44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	276030	50.0000		
$ 55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	280357	48.1289	48.1	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	220681	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	100918	46.1104	46.1	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	111051	50.0000		

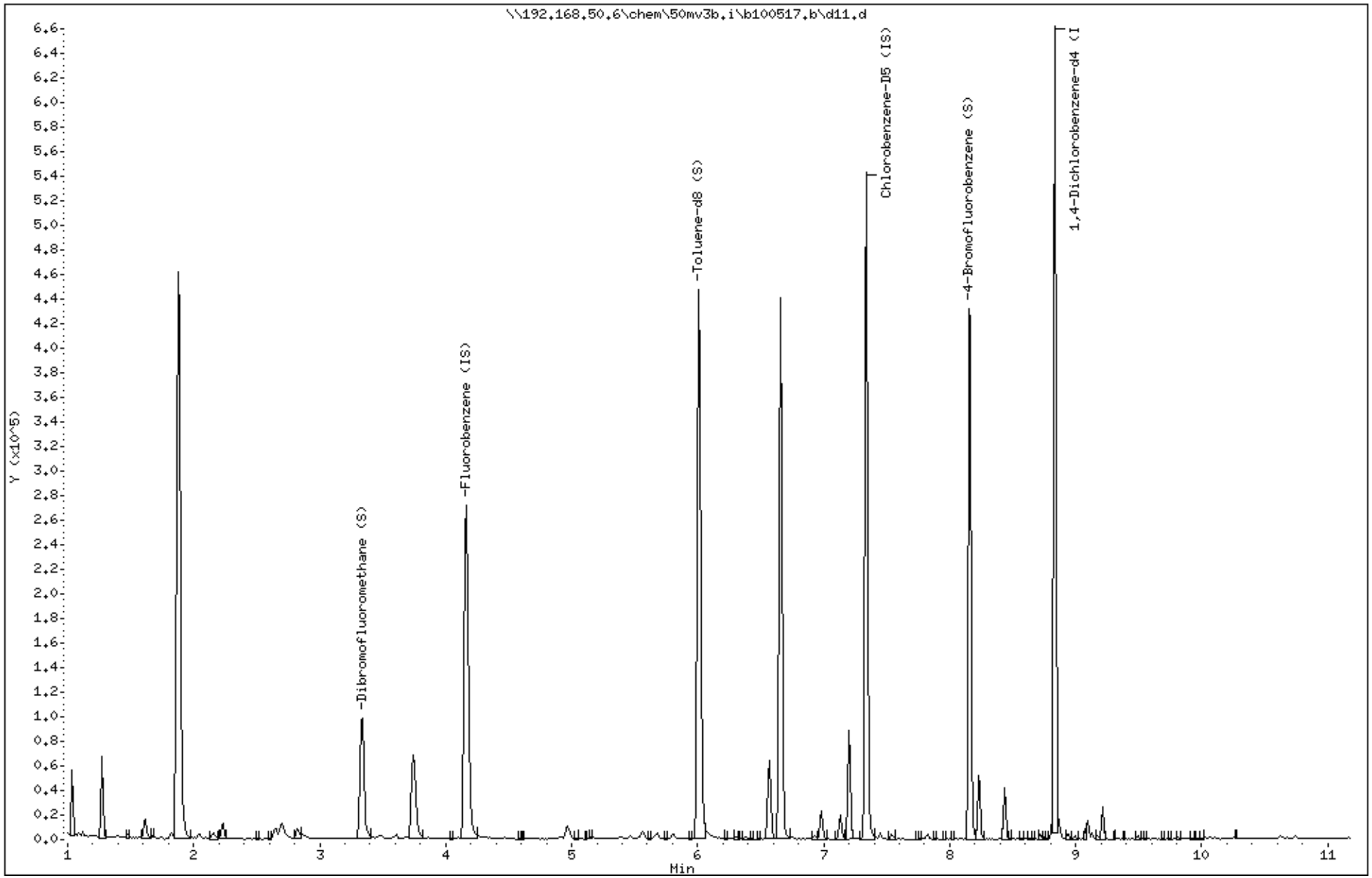
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d11.d
Date : 06-OCT-2017 03:59
Client ID: MW-0501-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760024
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d11.d

Date : 06-OCT-2017 03:59

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760024

Purge Volume: 5.0

Operator: jlz

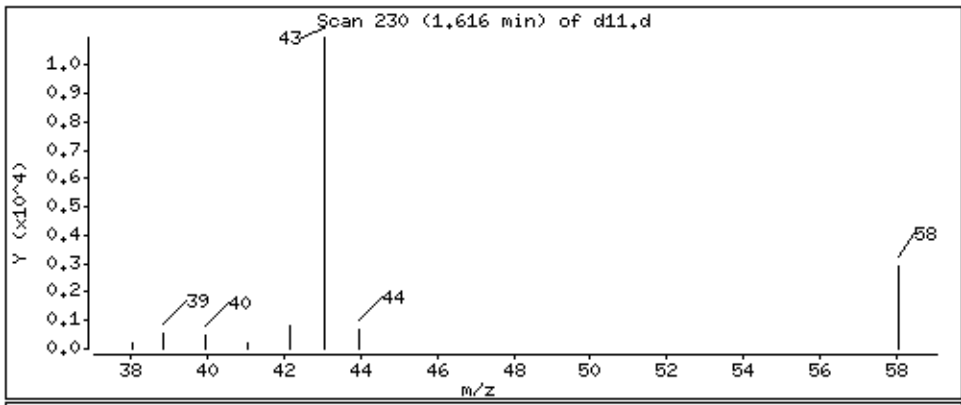
Column phase: DB-624

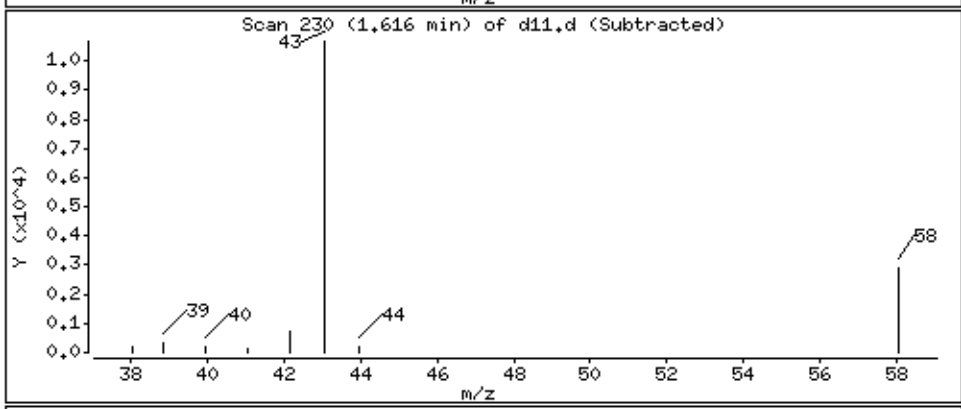
Column diameter: 0.18

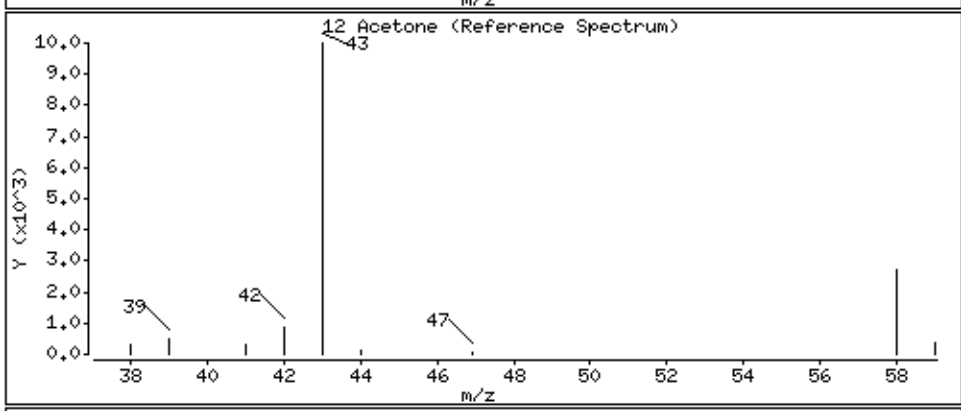
12 Acetone

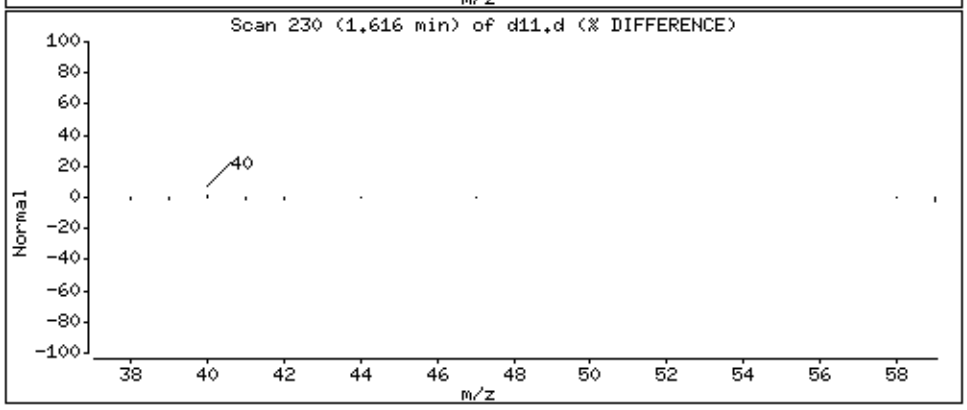
Concentration: 59.6 ppb

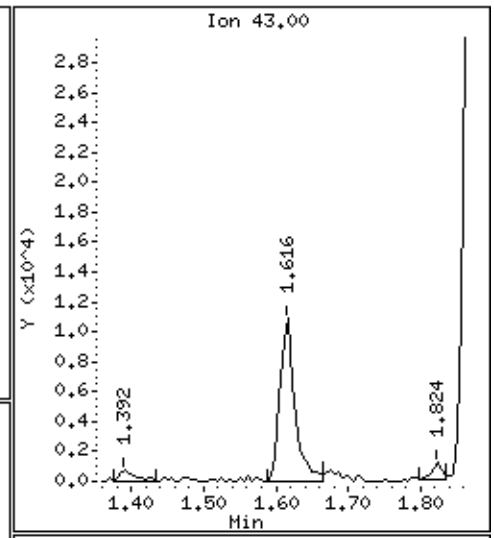
Review Code:

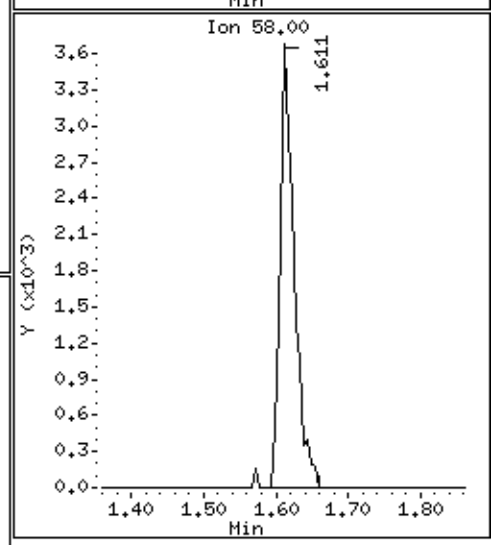












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d11.d

Date : 06-OCT-2017 03:59

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760024

Purge Volume: 5.0

Operator: jlz

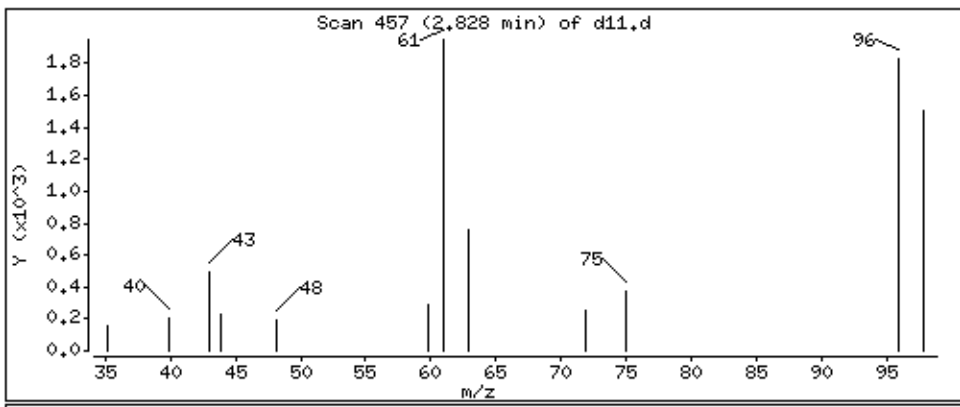
Column phase: DB-624

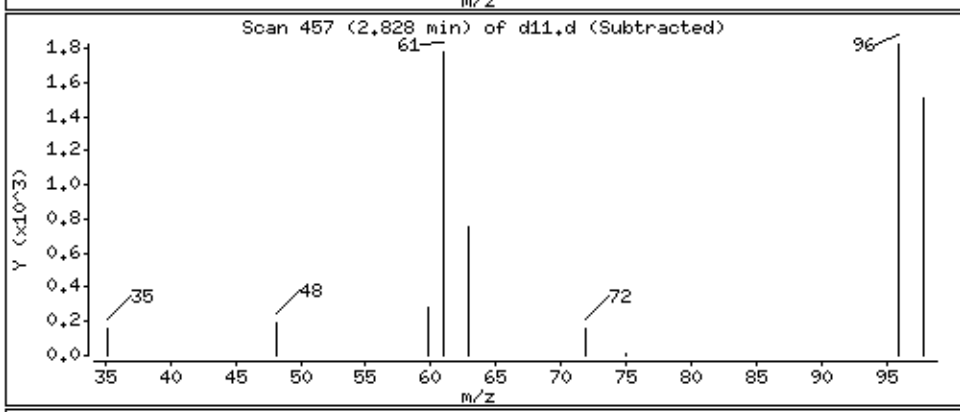
Column diameter: 0.18

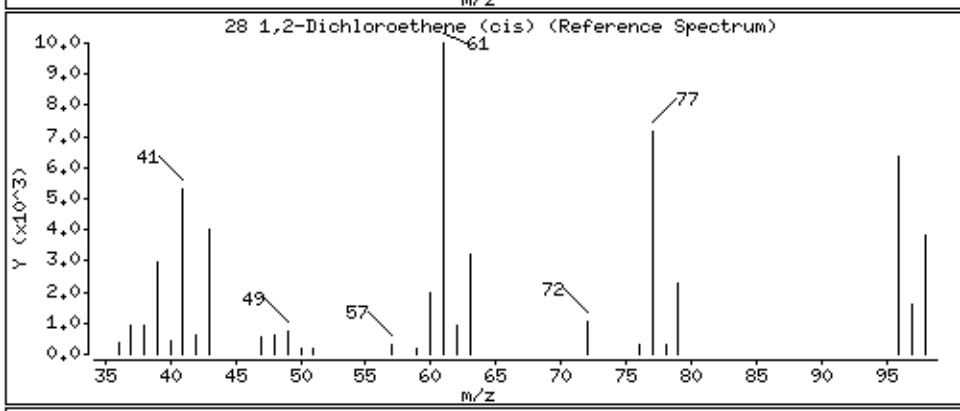
28 1,2-Dichloroethene (cis)

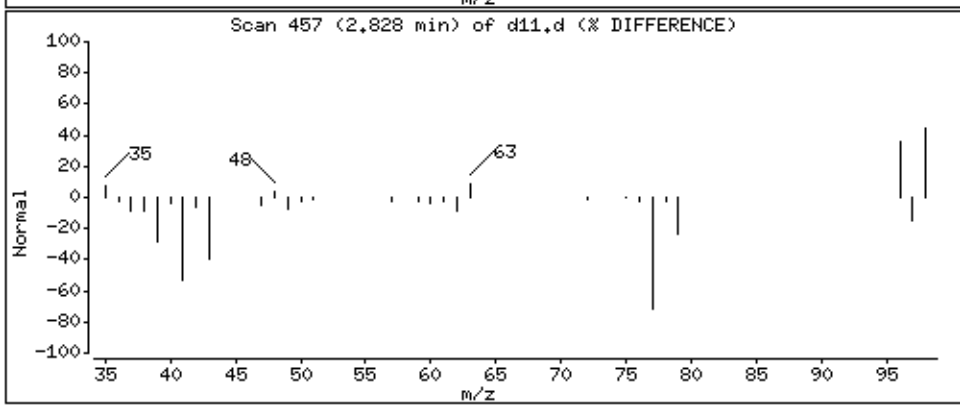
Concentration: 1.82 ppb

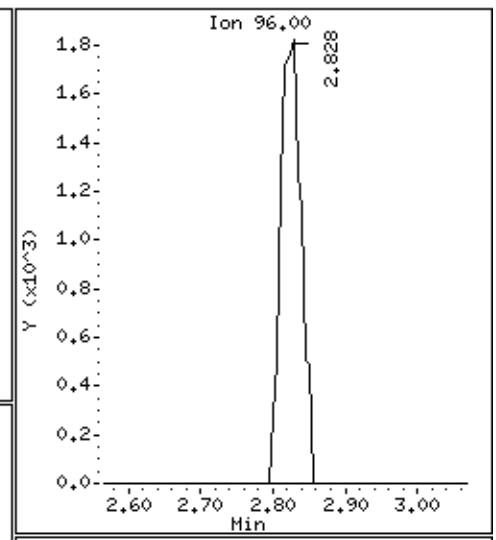
Review Code:

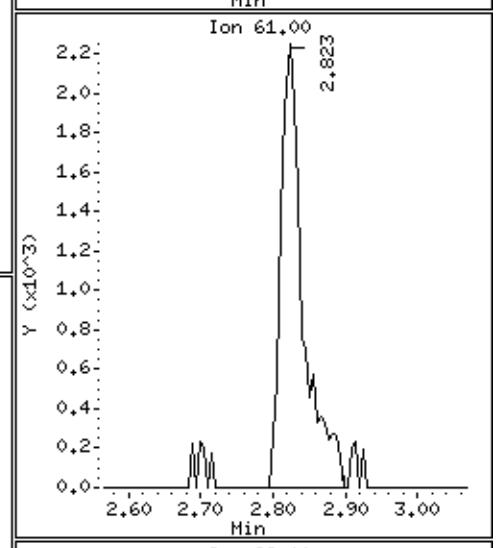


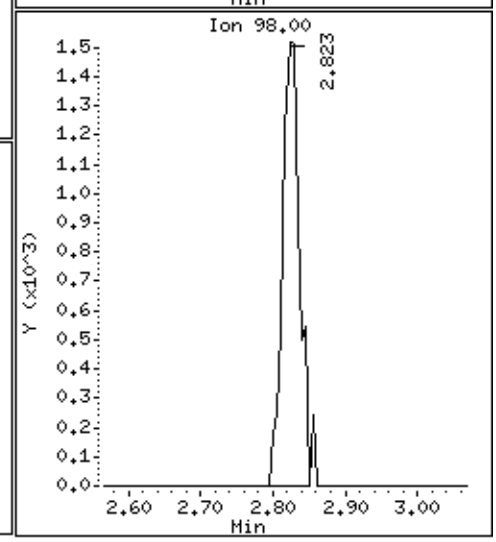












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d11.d
Injection Date: 06-OCT-2017 03:59
Instrument: 50mv3b.i
Lab Sample ID: 50180760024
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0603-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:35 Lab Sample ID: 50180760025

Date Analyzed: 10/06/2017 05:35 Lab File ID: B100517.B\D14.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0603-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:35 Lab Sample ID: 50180760025

Date Analyzed: 10/06/2017 05:35 Lab File ID: B100517.B\D14.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d
Lab Smp Id: 50180760025 Client Smp ID: MW-0603-S1 (092717)
Inj Date : 06-OCT-2017 05:35
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760025
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 76
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.616	1.611	(0.388)	6451	25.4309	25.4	
$	35 Dibromofluoromethane (S)	113	3.330	3.330	(0.800)	65092	47.6849	47.7	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	283453	50.0000		
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	286045	49.5494	49.5	
	56 Toluene	91	6.086	6.081	(0.830)	1284	0.15541	0.155	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	218703	50.0000		
	68 Ethylbenzene	106	7.443	7.443	(1.015)	1061	0.31721	0.317(Q)	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	103360	47.6533	47.6	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	114631	50.0000		
	95 Naphthalene	128	10.001	9.991	(1.132)	5089	1.08726	1.09	
	97 2,methyl-naphthalene	142	10.626	10.621	(1.203)	6038	2.25949	2.26	
	98 1-Methylnaphthalene	142	10.738	10.738	(1.216)	5090	2.45940	2.46	

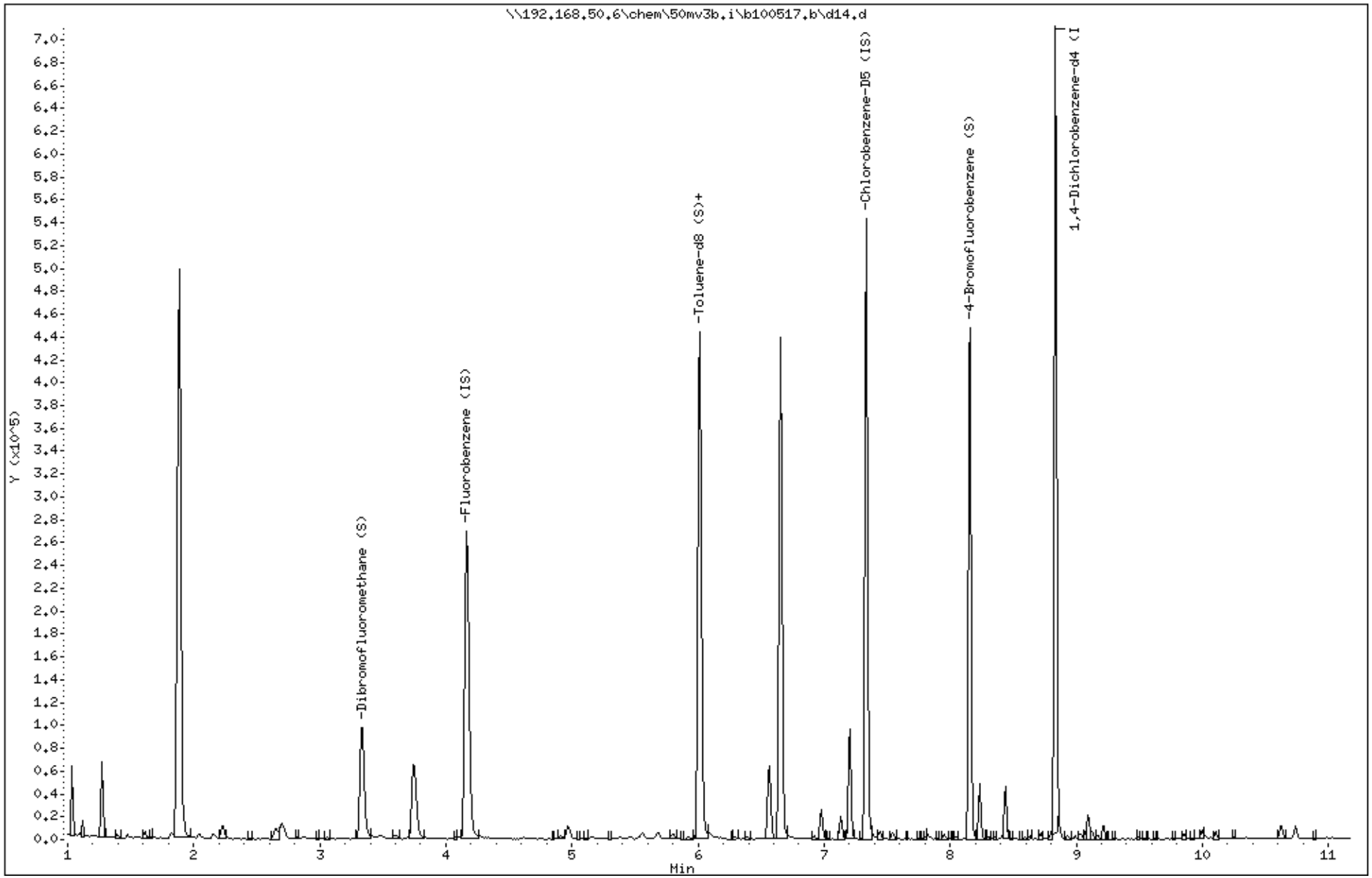
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d
Date : 06-OCT-2017 05:35
Client ID: MW-0603-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760025
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

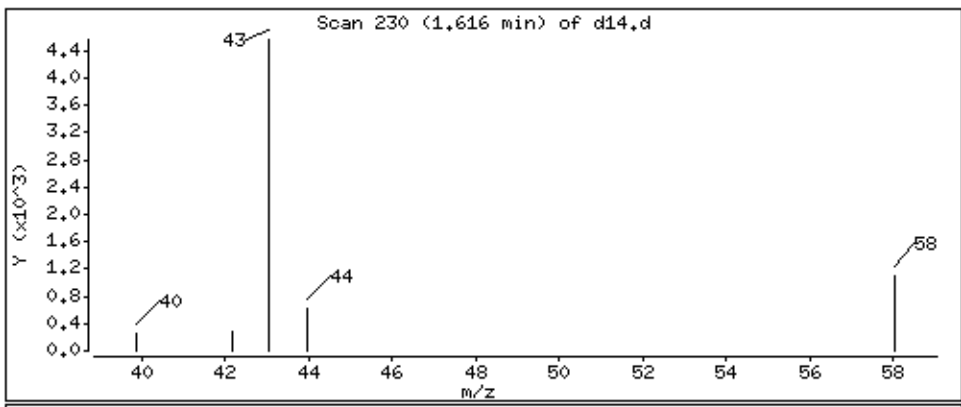
Column phase: DB-624

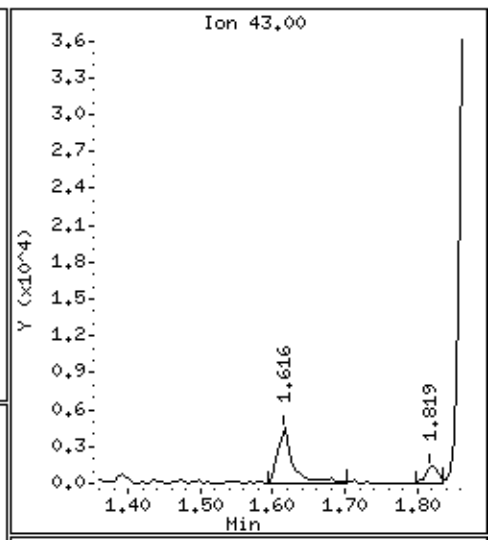
Column diameter: 0.18

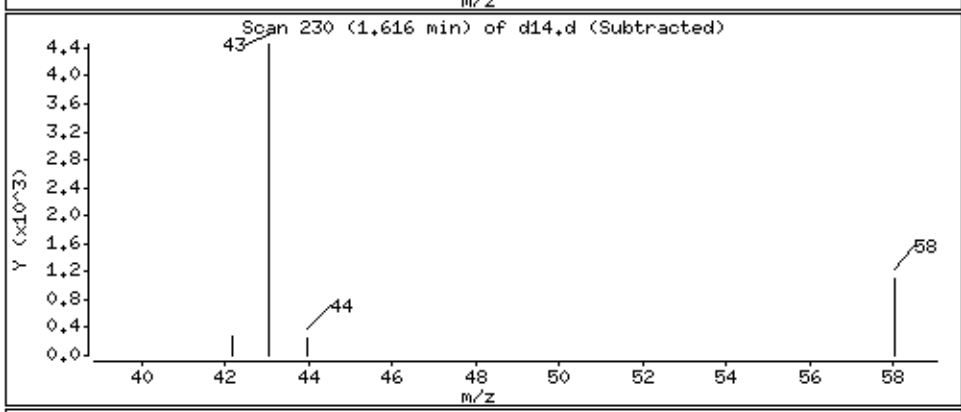
12 Acetone

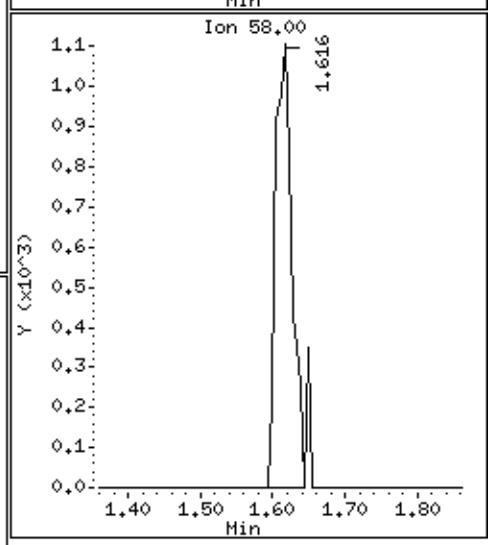
Concentration: 25.4 ppb

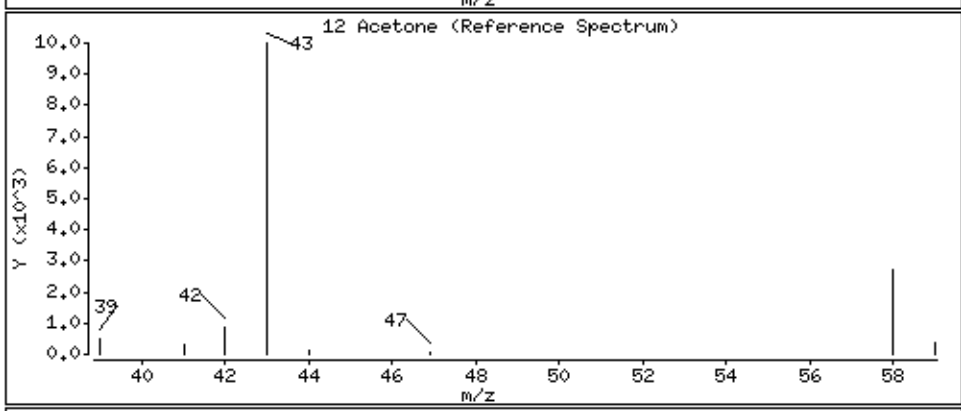
Review Code:

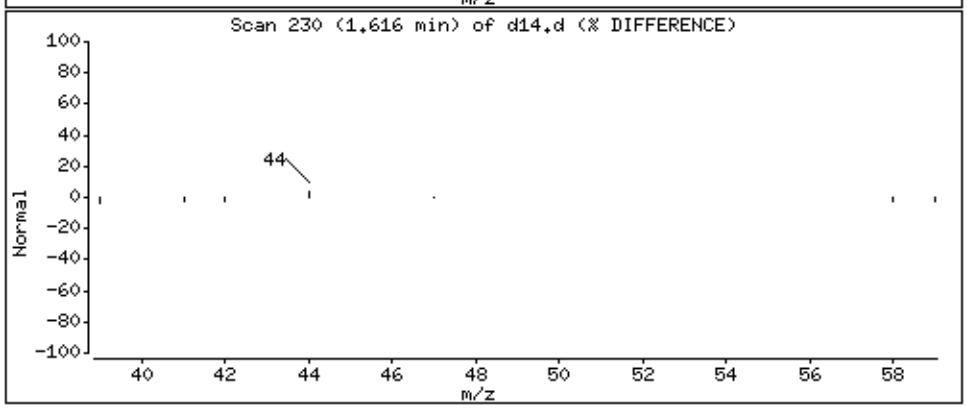












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

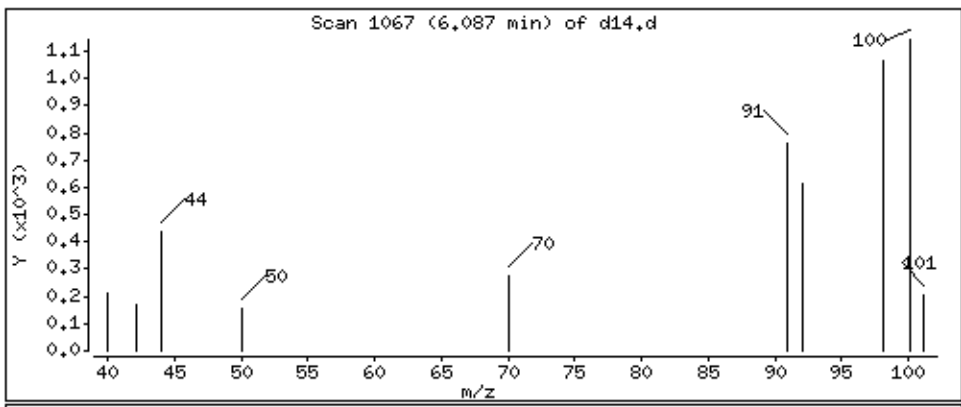
Column phase: DB-624

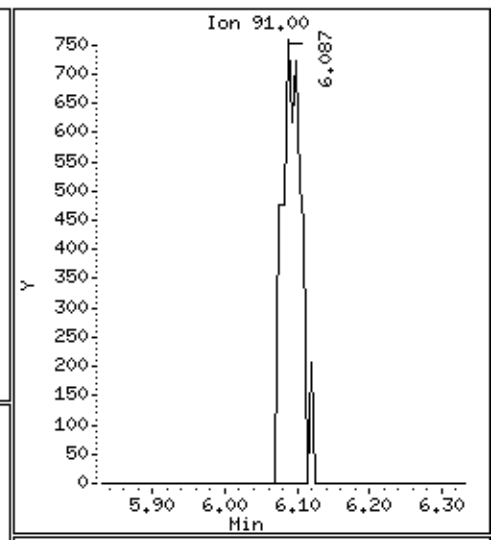
Column diameter: 0.18

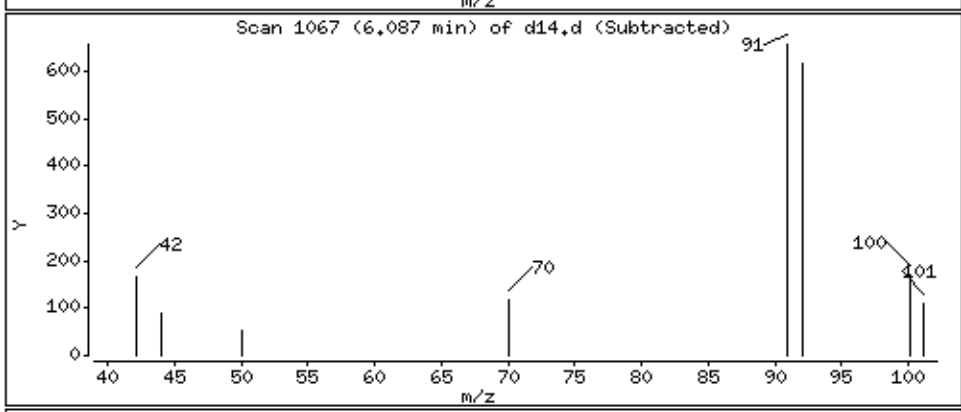
56 Toluene

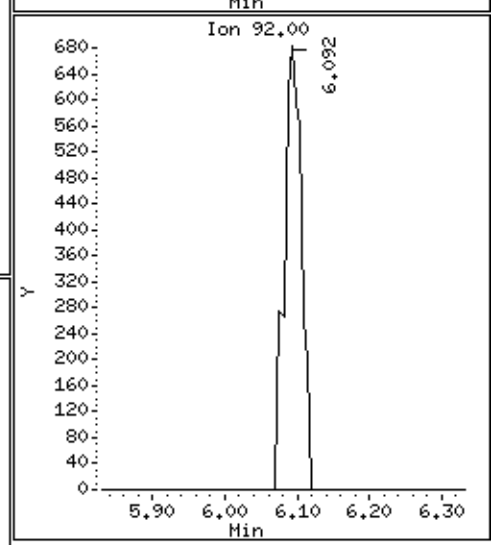
Concentration: 0.155 ppb

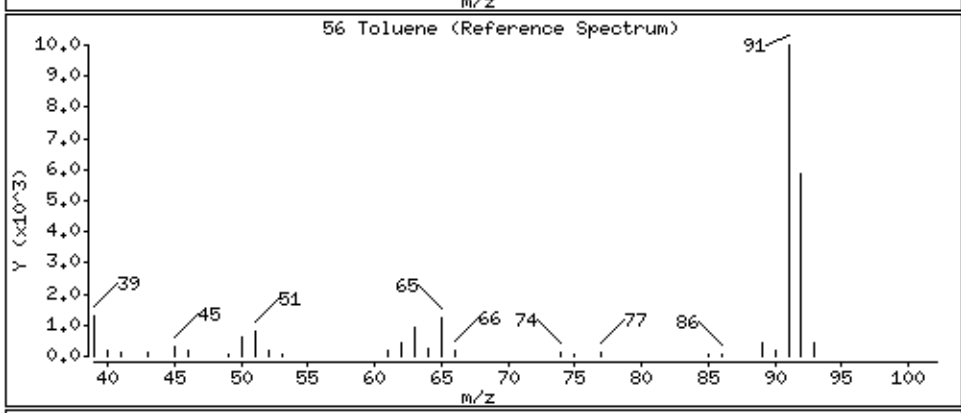
Review Code:

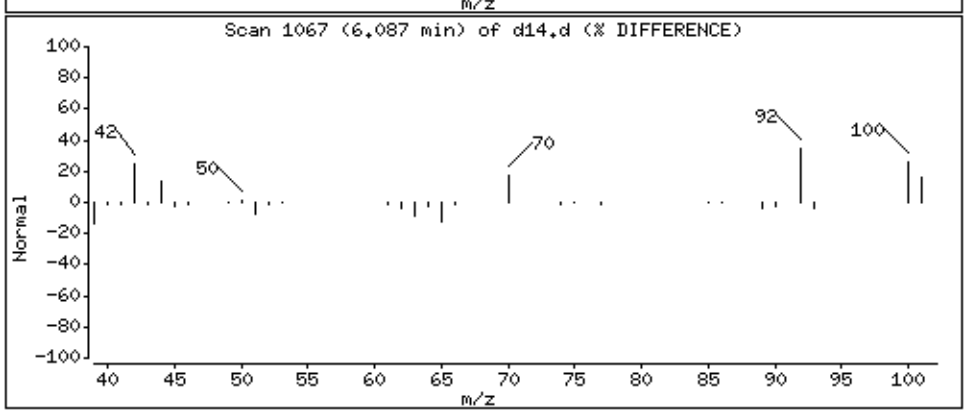












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

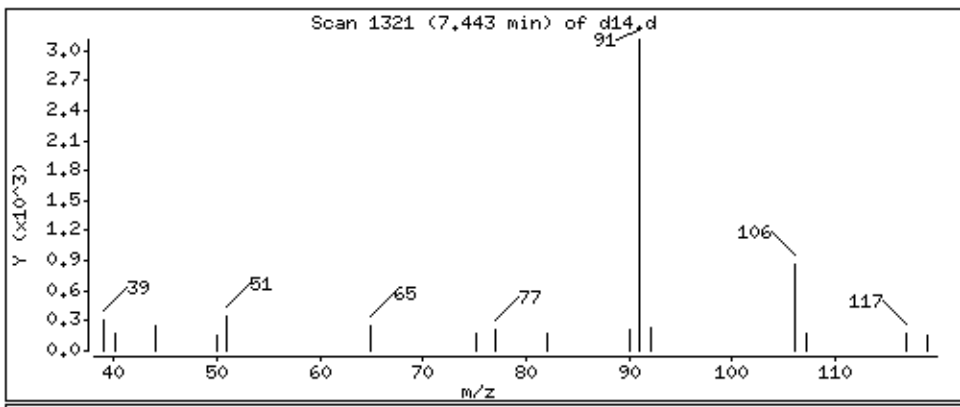
Column phase: DB-624

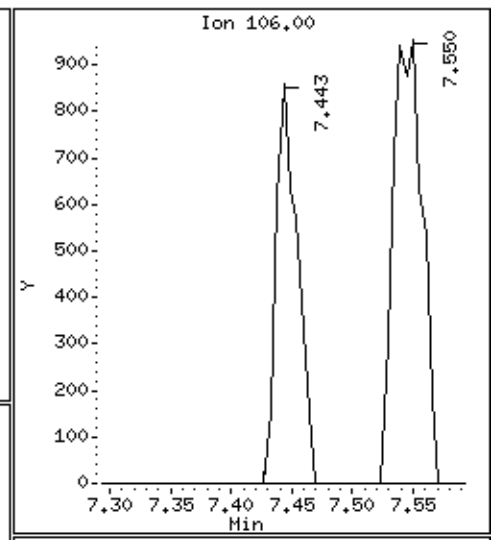
Column diameter: 0.18

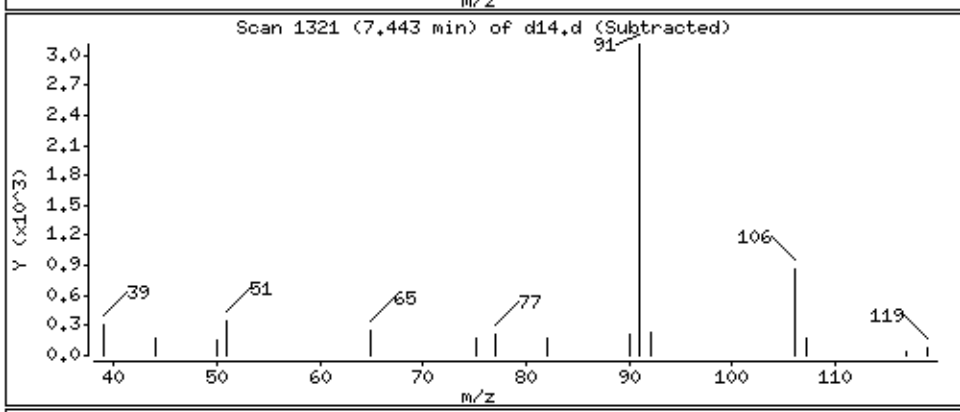
68 Ethylbenzene

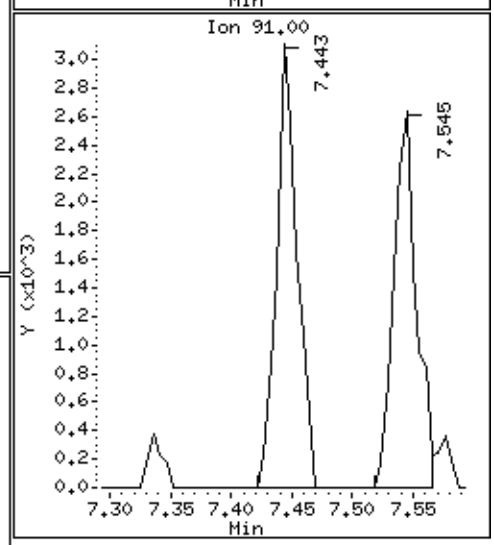
Concentration: 0.317 ppb

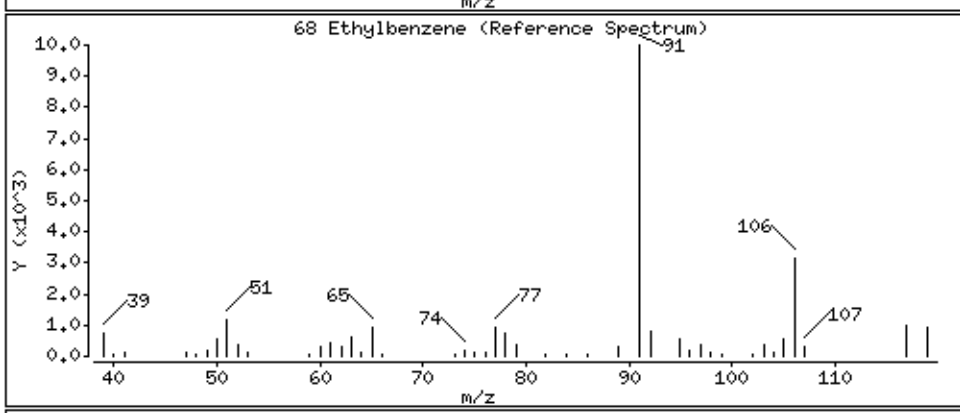
Review Code:

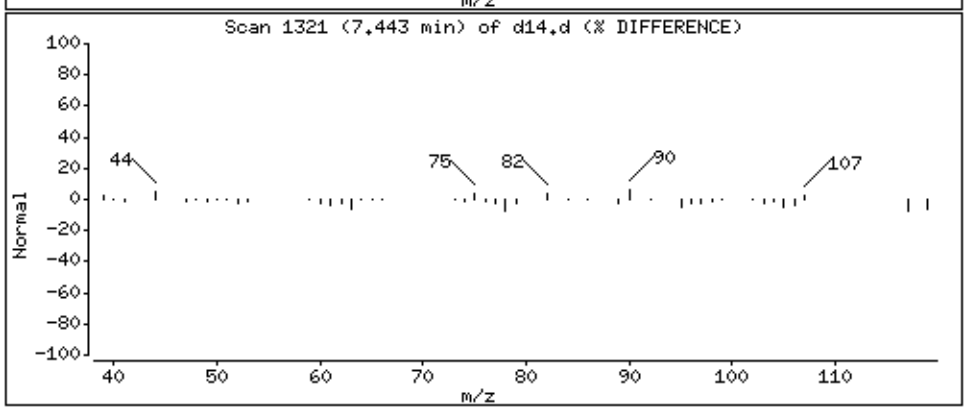












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

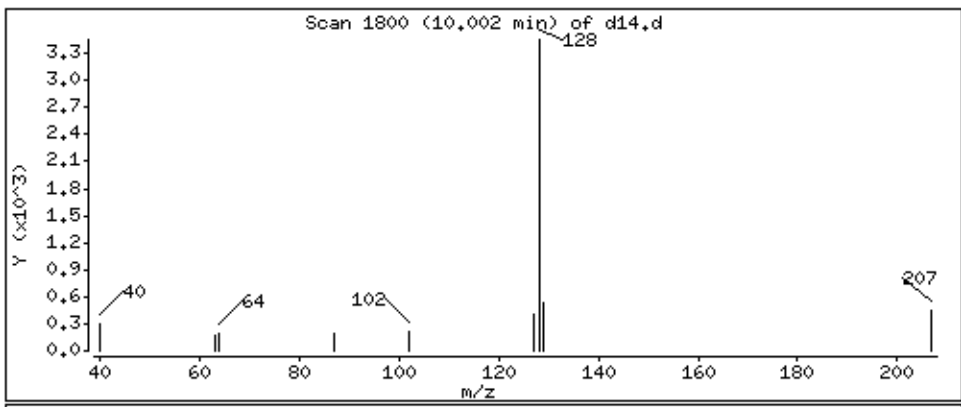
Column phase: DB-624

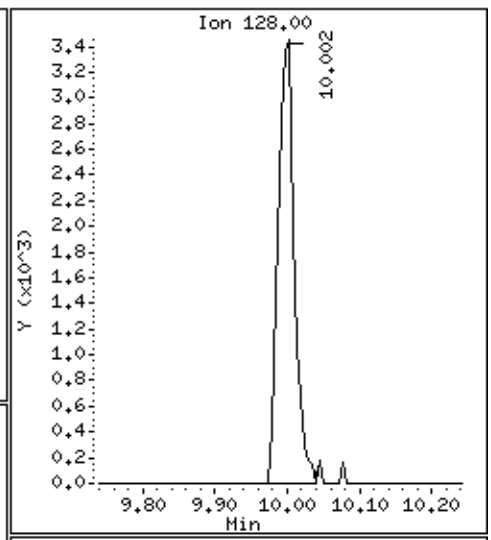
Column diameter: 0.18

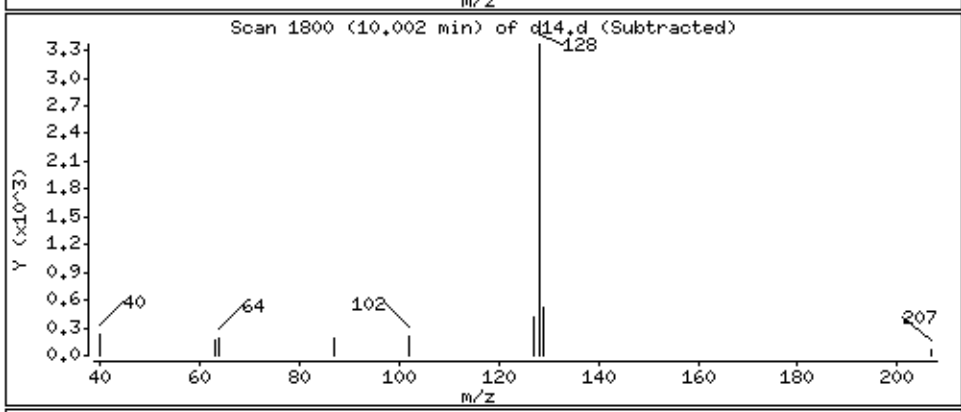
95 Naphthalene

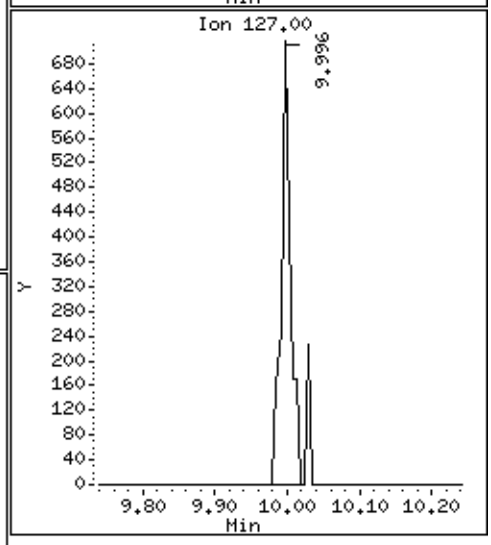
Concentration: 1.09 ppb

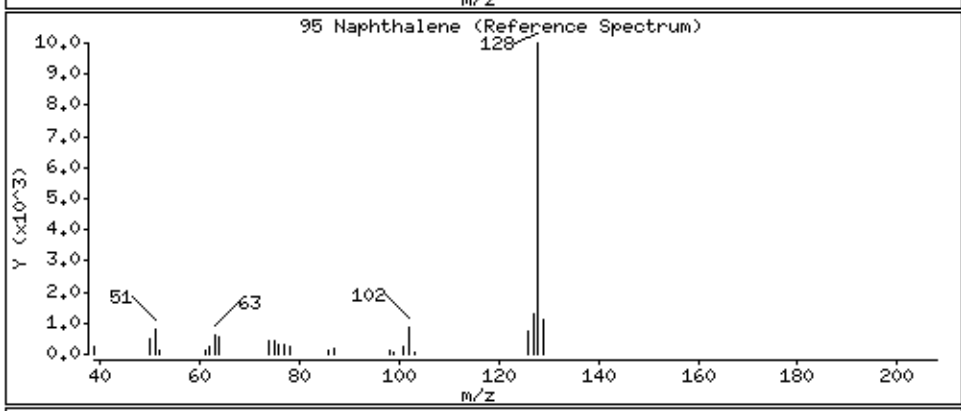
Review Code:

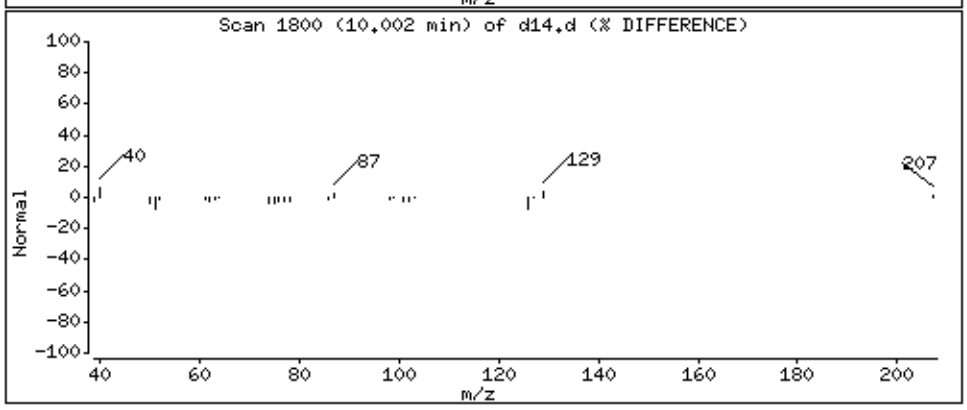












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

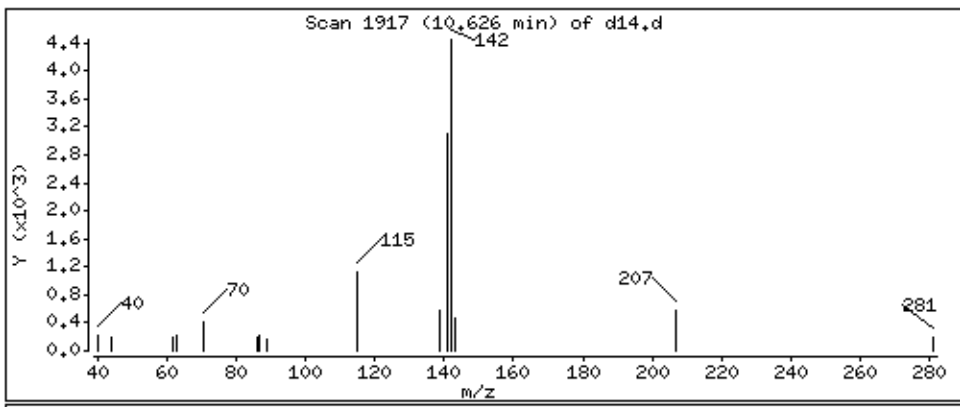
Column phase: DB-624

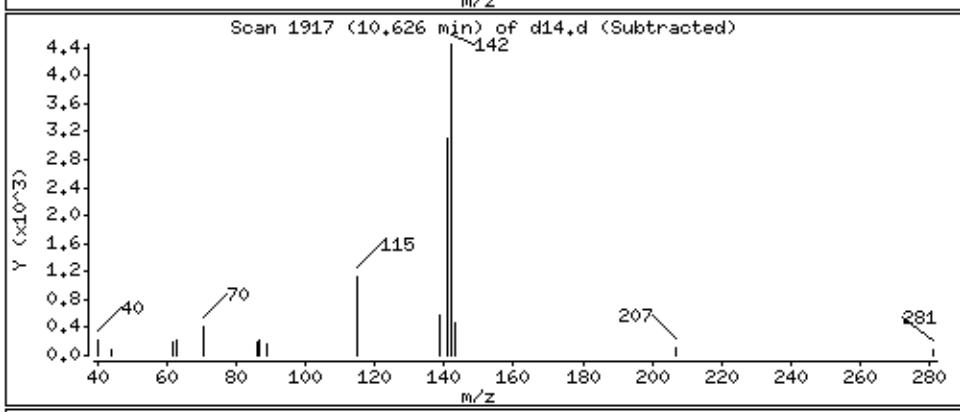
Column diameter: 0.18

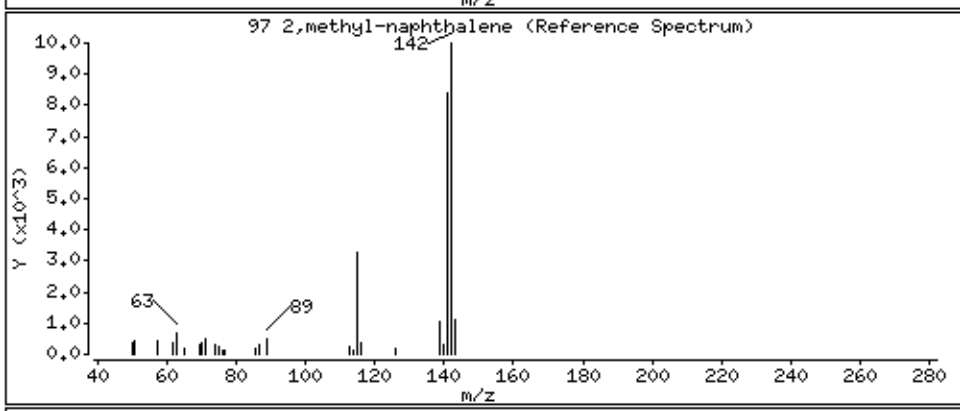
97 2,methyl-naphthalene

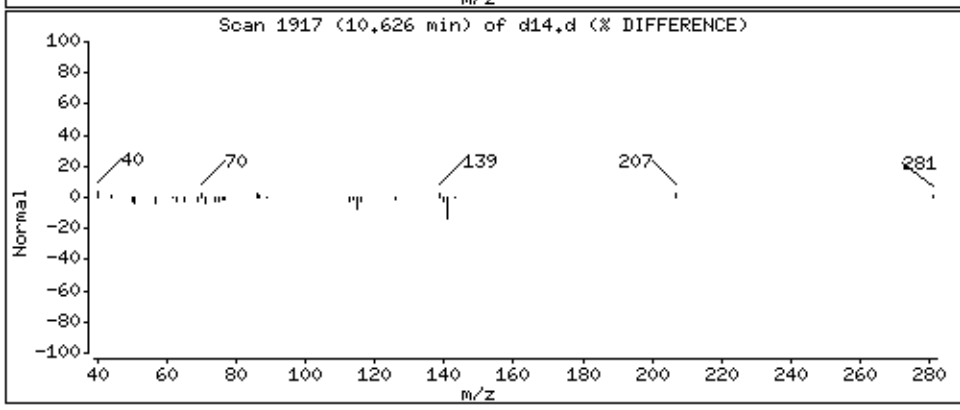
Concentration: 2.26 ppb

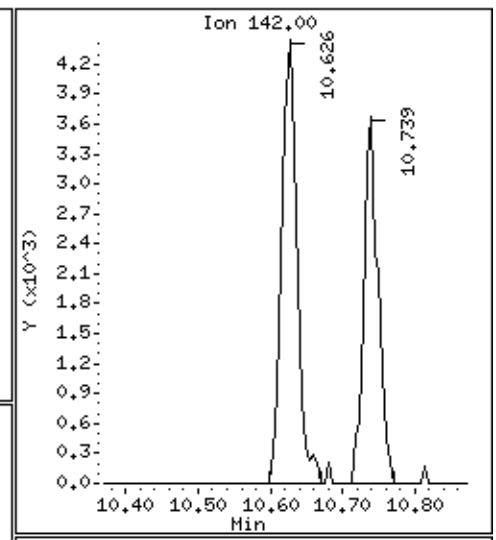
Review Code:

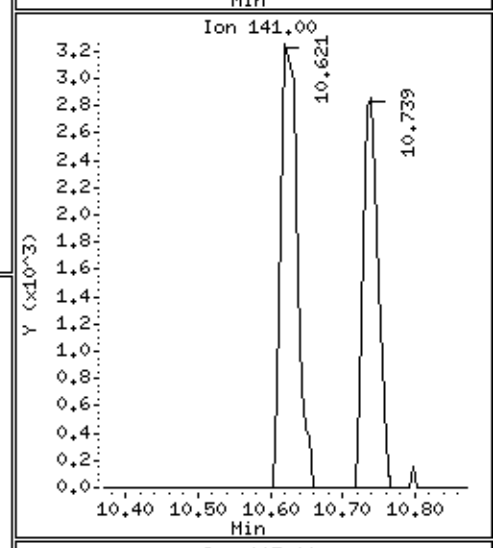


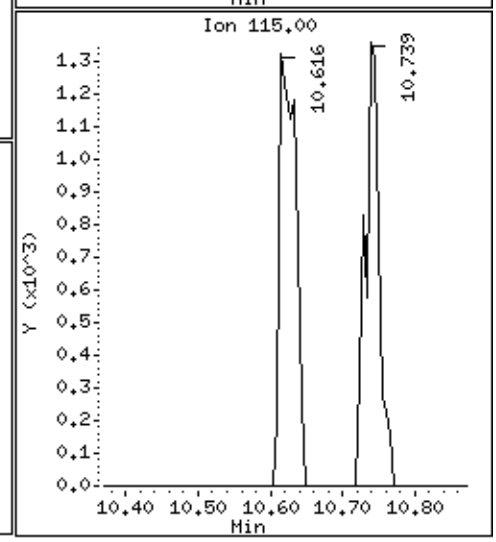












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d14.d

Date : 06-OCT-2017 05:35

Client ID: MW-0603-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760025

Purge Volume: 5.0

Operator: jlz

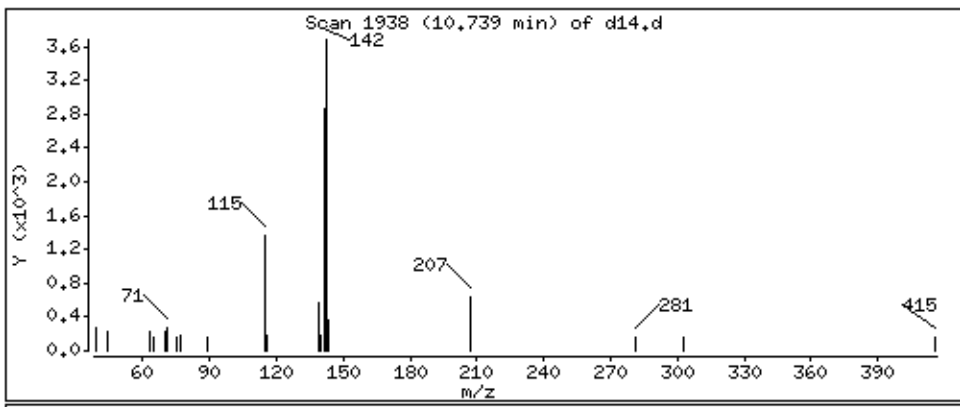
Column phase: DB-624

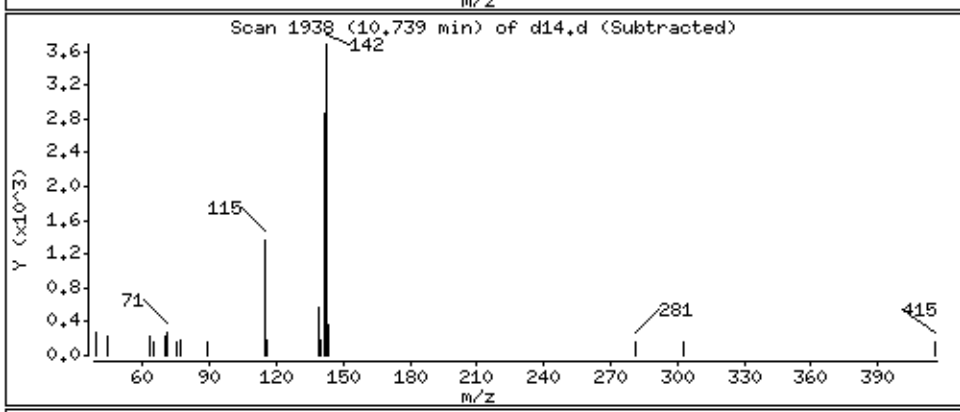
Column diameter: 0.18

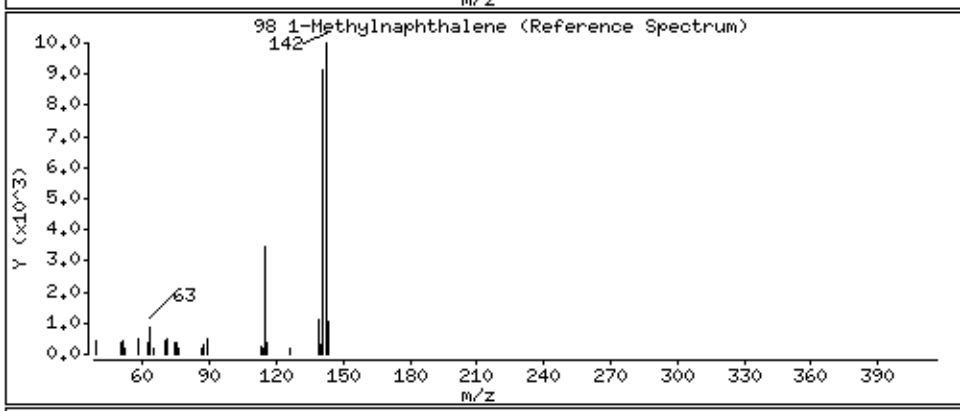
98 1-Methylnaphthalene

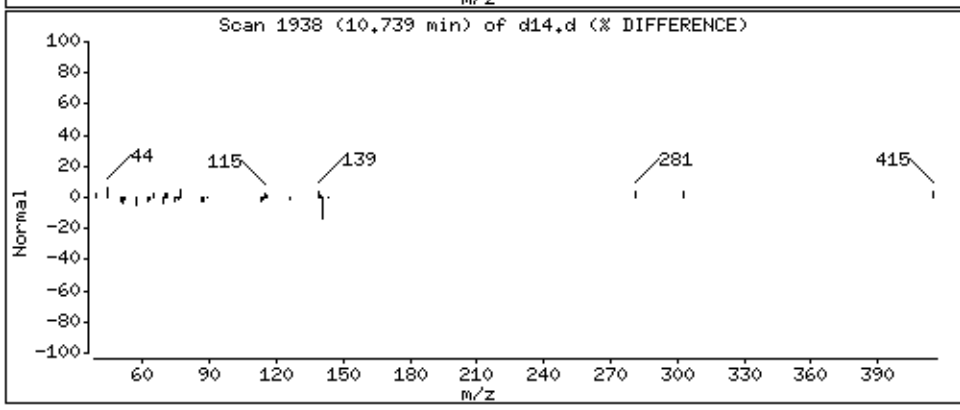
Concentration: 2.46 ppb

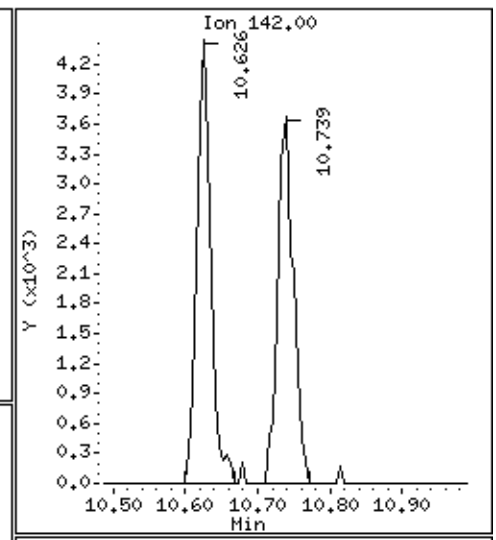
Review Code:

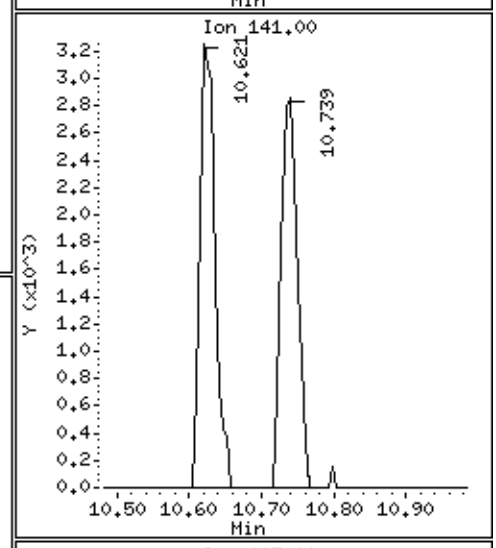


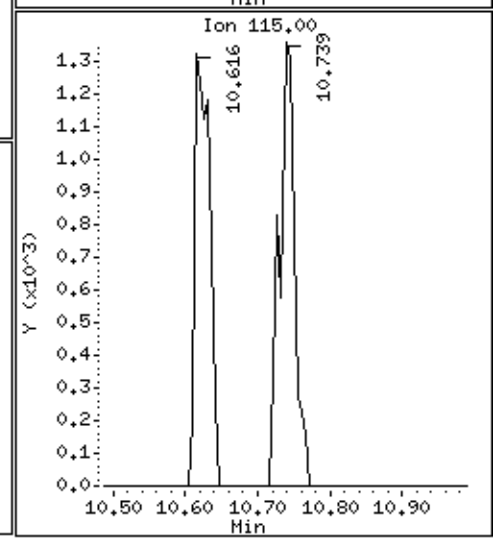












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d14.d
Injection Date: 06-OCT-2017 05:35
Instrument: 50mv3b.i
Lab Sample ID: 50180760025
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0516-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:07 Lab Sample ID: 50180760026

Date Analyzed: 10/06/2017 06:07 Lab File ID: B100517.B\D15.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0516-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:07 Lab Sample ID: 50180760026

Date Analyzed: 10/06/2017 06:07 Lab File ID: B100517.B\D15.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d15.d
Lab Smp Id: 50180760026 Client Smp ID: MW-0516-S1 (092717)
Inj Date : 06-OCT-2017 06:07
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760026
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 78
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

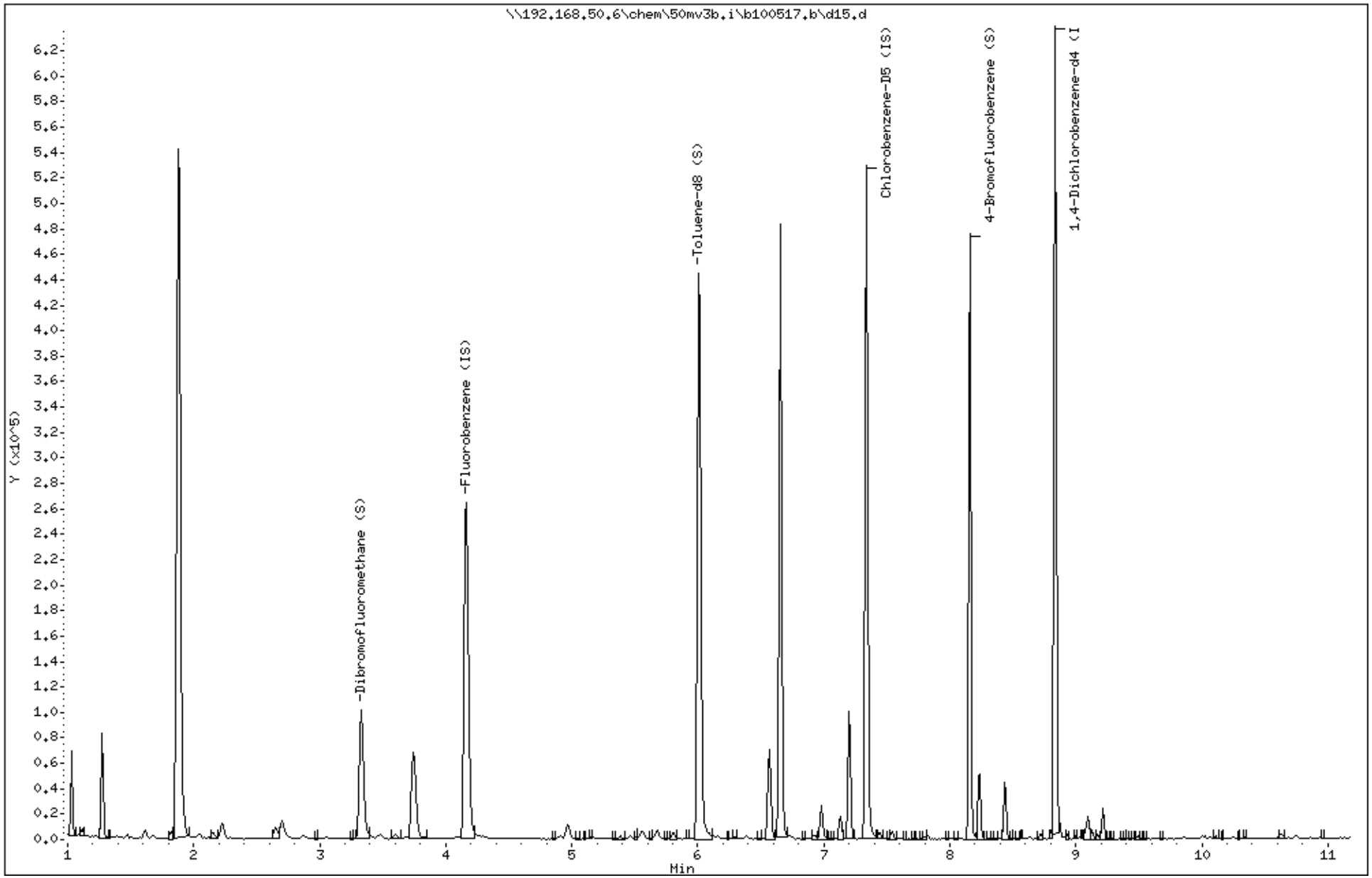
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.614	1.611	(0.388)	5921	23.9621	24.0	
$ 35 Dibromofluoromethane (S)	113	3.334	3.330	(0.801)	64411	48.4404	48.4	
* 44 Fluorobenzene (IS)	96	4.162	4.164	(1.000)	276113	50.0000		
$ 55 Toluene-d8 (S)	98	6.010	6.012	(0.819)	285122	50.2659	50.3	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.336	(1.000)	214890	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.157	8.153	(1.112)	101820	47.7763	47.8	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.832	(1.000)	113255	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d15.d
Date : 06-OCT-2017 06:07
Client ID: MW-0516-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760026
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d15.d

Date : 06-OCT-2017 06:07

Client ID: MW-0516-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760026

Purge Volume: 5.0

Operator: jlz

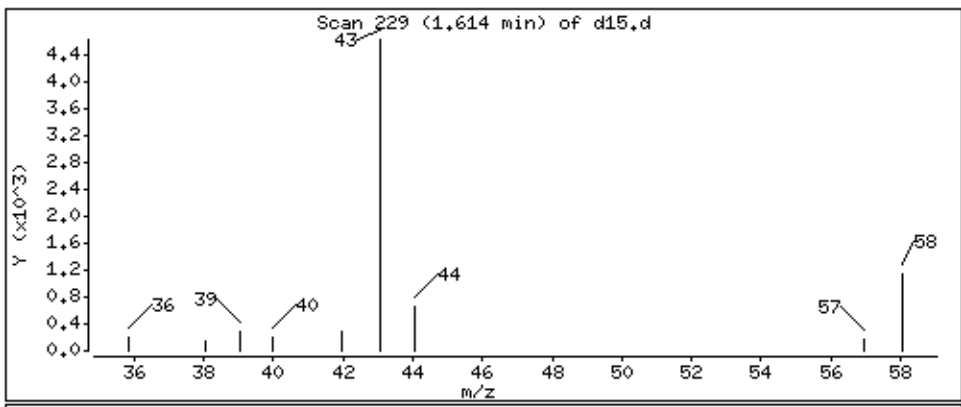
Column phase: DB-624

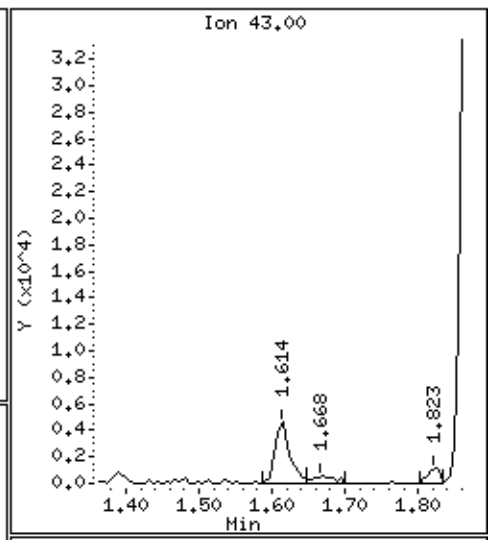
Column diameter: 0.18

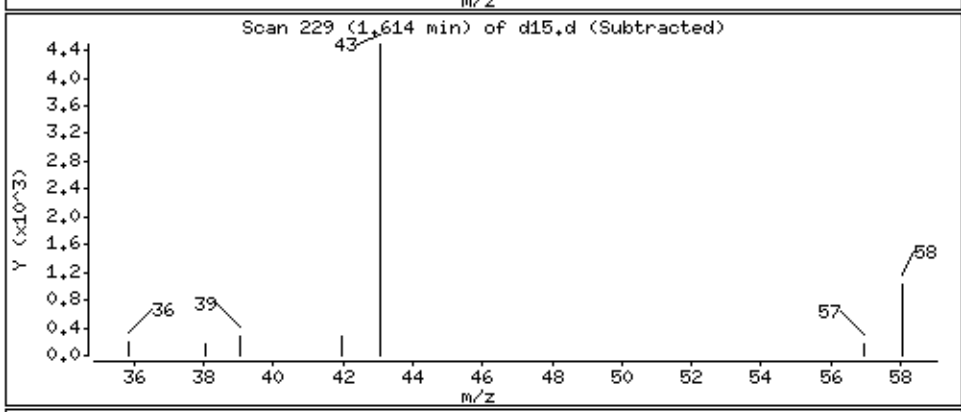
12 Acetone

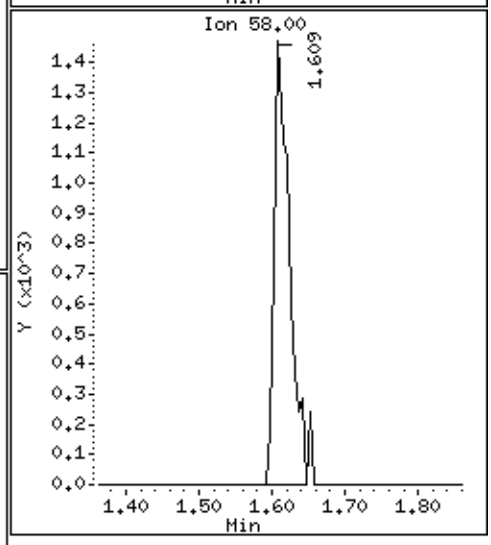
Concentration: 24.0 ppb

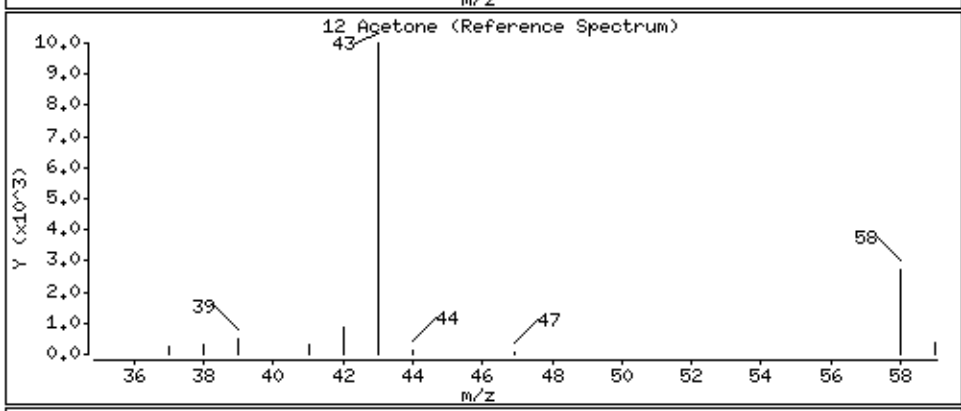
Review Code:

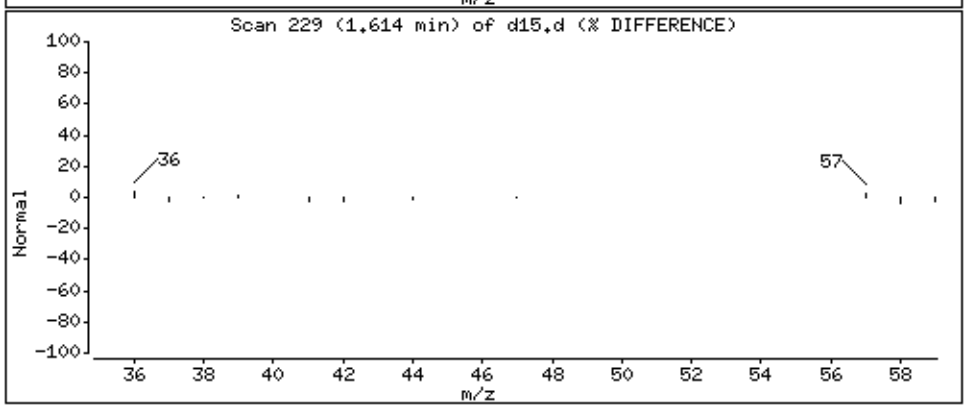












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d15.d
Injection Date: 06-OCT-2017 06:07
Instrument: 50mv3b.i
Lab Sample ID: 50180760026
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0618-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:40 Lab Sample ID: 50180760027

Date Analyzed: 10/06/2017 06:40 Lab File ID: B100517.B\D16.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0618-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 06:40 Lab Sample ID: 50180760027

Date Analyzed: 10/06/2017 06:40 Lab File ID: B100517.B\D16.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d
Lab Smp Id: 50180760027 Client Smp ID: MW-0618-S1 (092717)
Inj Date : 06-OCT-2017 06:40
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760027
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 80
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.616	1.611	(0.388)	3659	14.5140	14.5	
28 1,2-Dichloroethene (cis)	96	2.823	2.818	(0.678)	1913	0.99257	0.992(Q)	
$ 35 Dibromofluoromethane (S)	113	3.330	3.330	(0.800)	66633	49.1171	49.1	
* 44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	281703	50.0000		
$ 55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	289995	50.3137	50.3	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	218355	50.0000		
68 Ethylbenzene	106	7.448	7.443	(1.015)	1086	0.32521	0.325(Q)	
$ 74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	100495	46.4063	46.4	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	112529	50.0000		
95 Naphthalene	128	10.001	9.991	(1.132)	1162	0.25290	0.253	

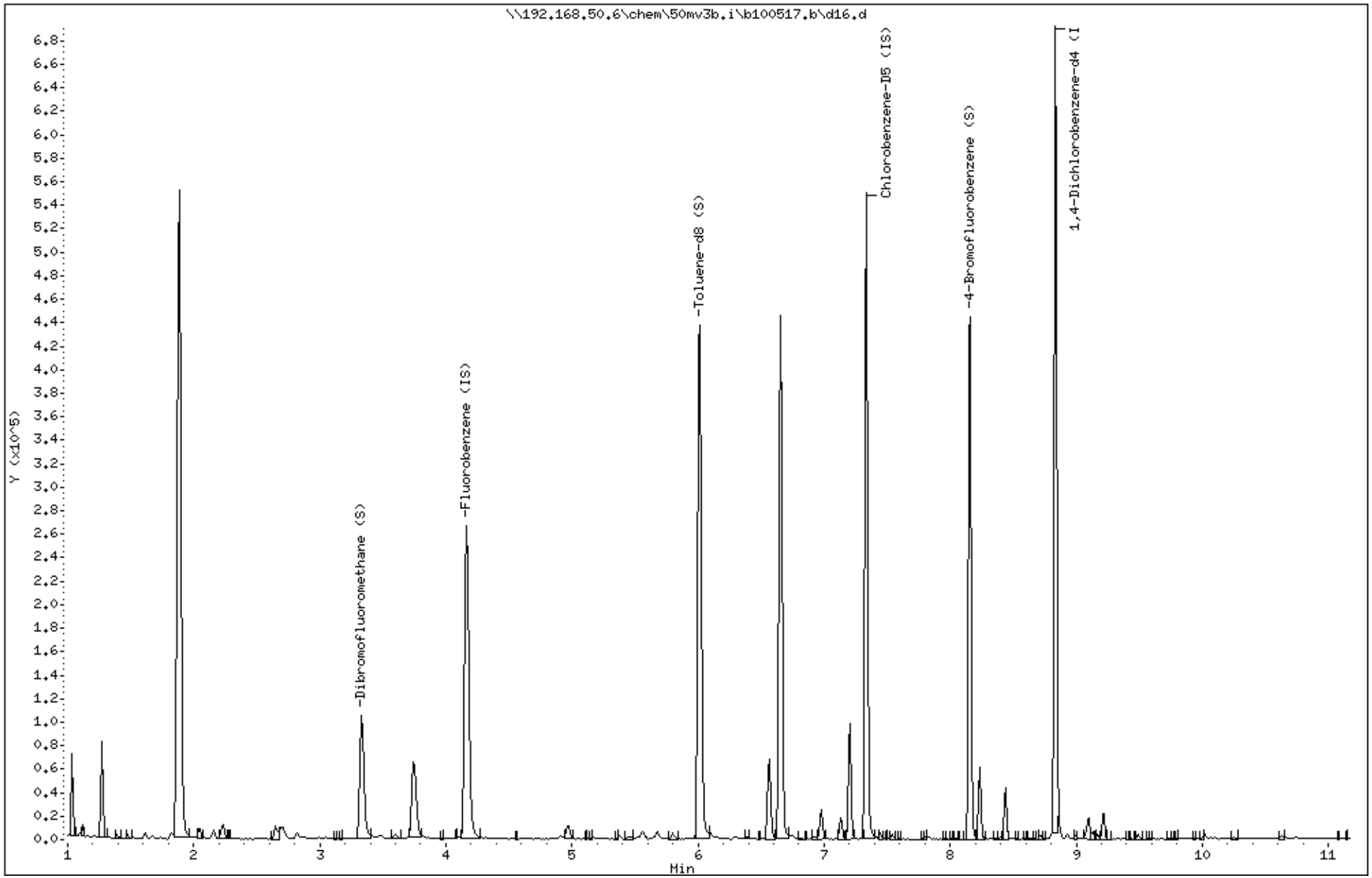
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d
Date : 06-OCT-2017 06:40
Client ID: MW-0618-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760027
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d

Date : 06-OCT-2017 06:40

Client ID: MW-0618-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760027

Purge Volume: 5.0

Operator: jlz

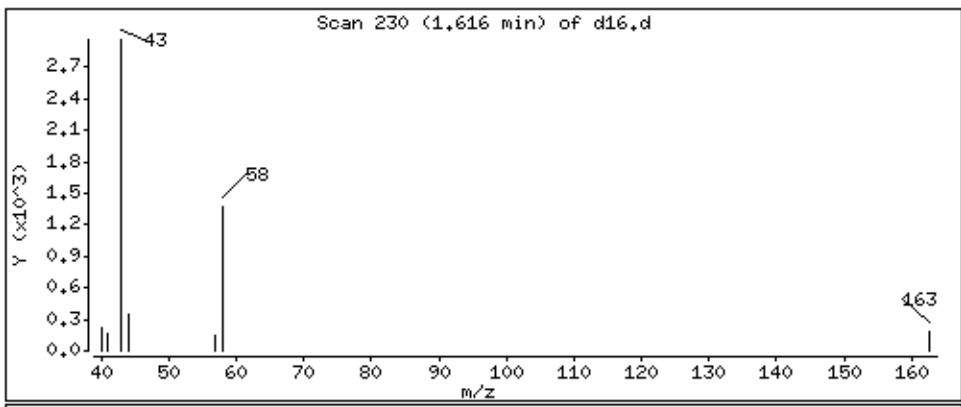
Column phase: DB-624

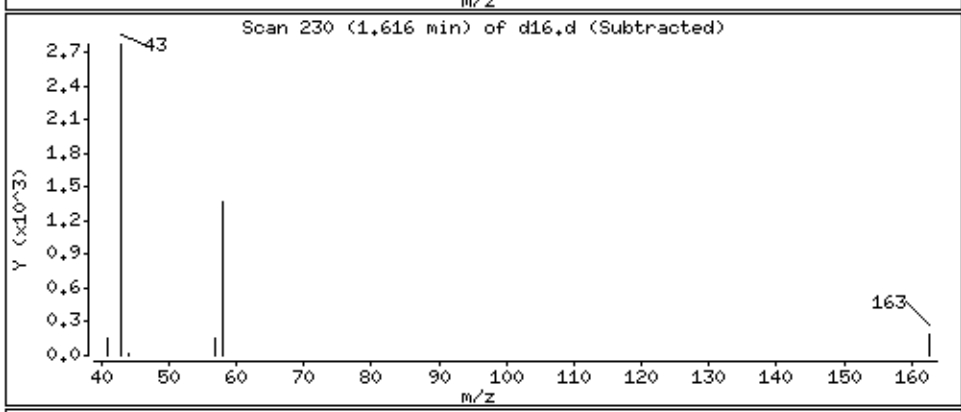
Column diameter: 0.18

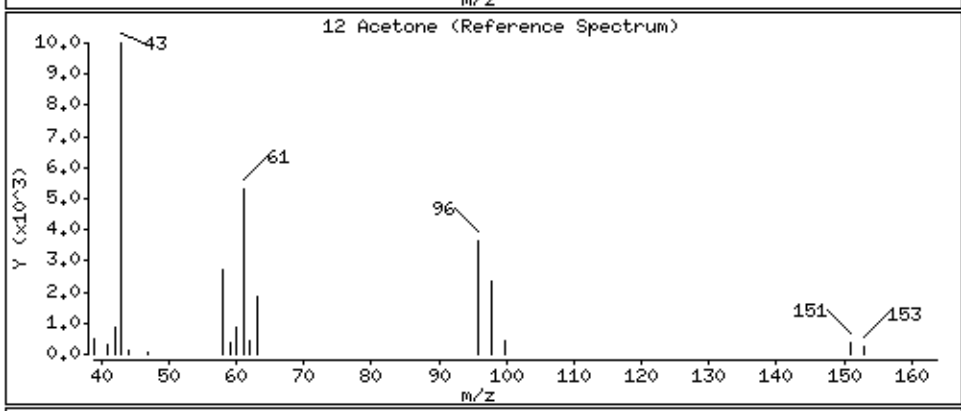
12 Acetone

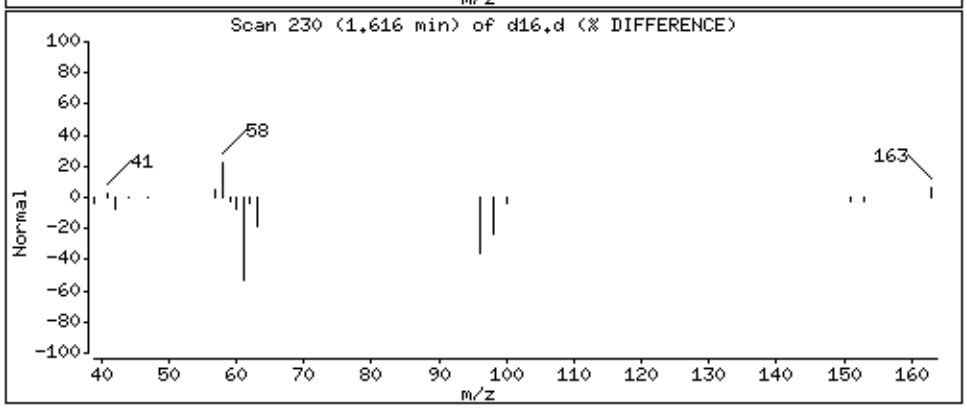
Concentration: 14.5 ppb

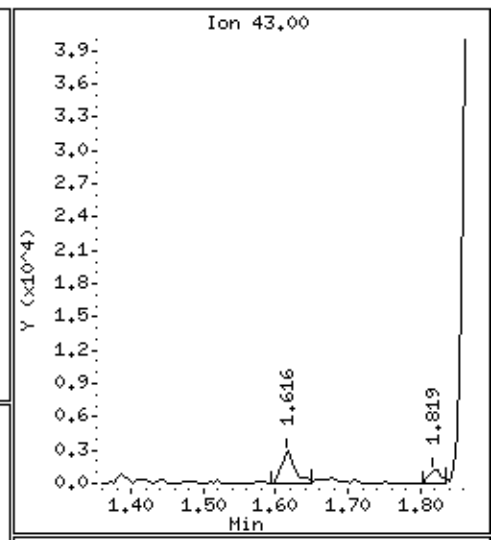
Review Code:

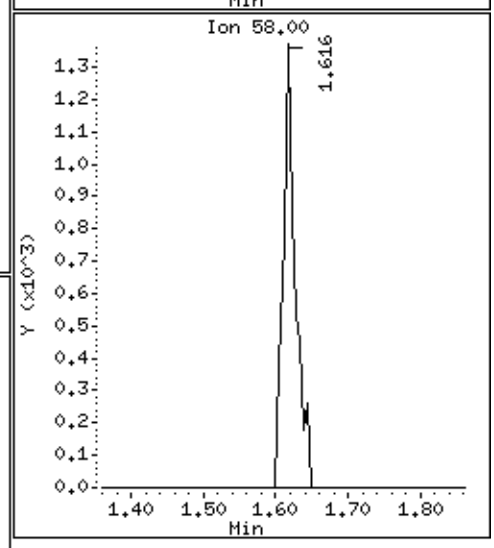












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d

Date : 06-OCT-2017 06:40

Client ID: MW-0618-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760027

Purge Volume: 5.0

Operator: jlz

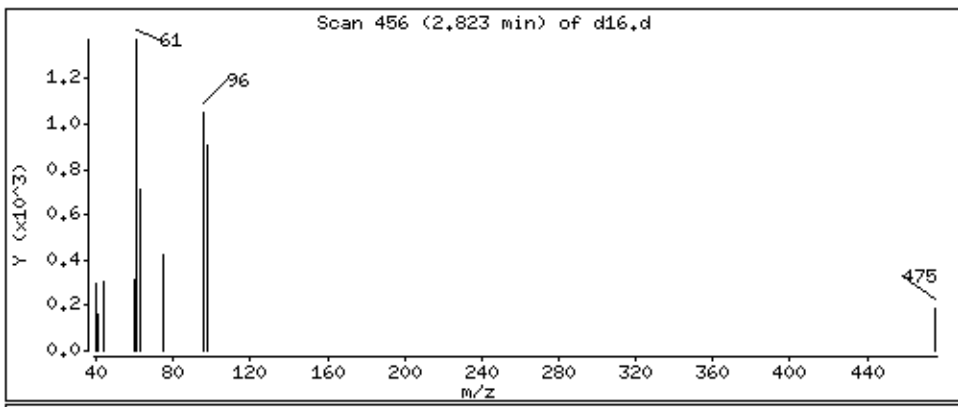
Column phase: DB-624

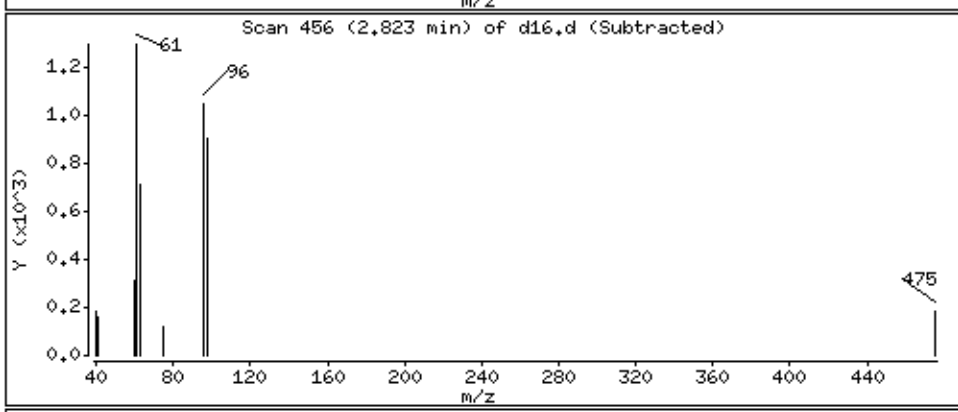
Column diameter: 0.18

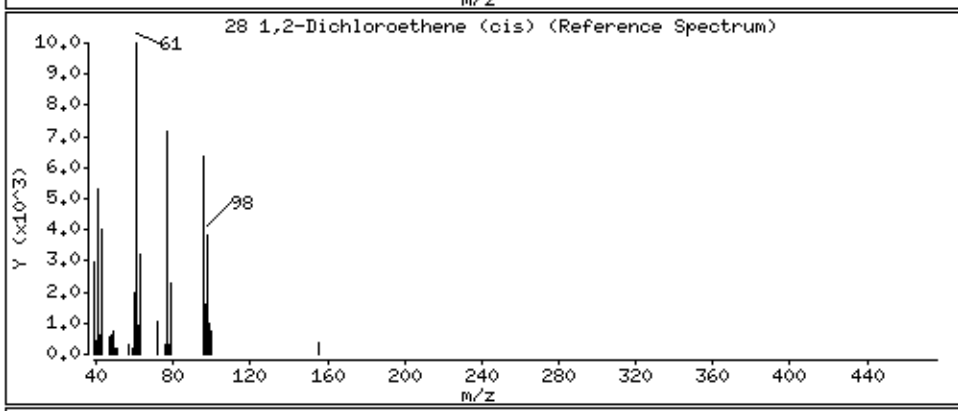
28 1,2-Dichloroethene (cis)

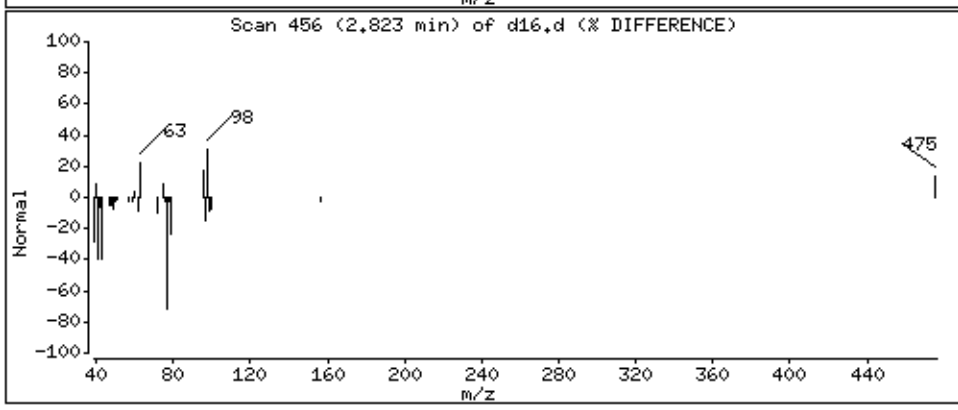
Concentration: 0.992 ppb

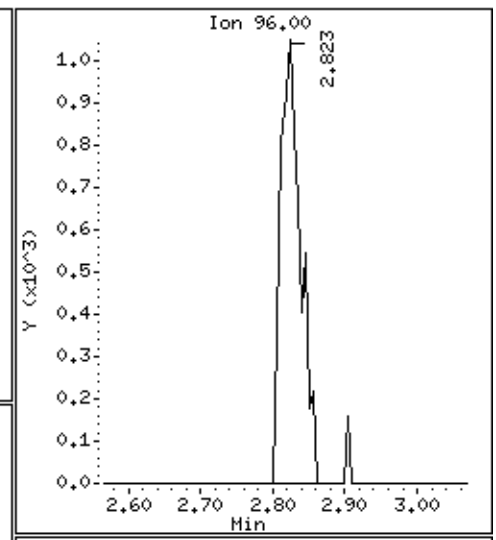
Review Code:

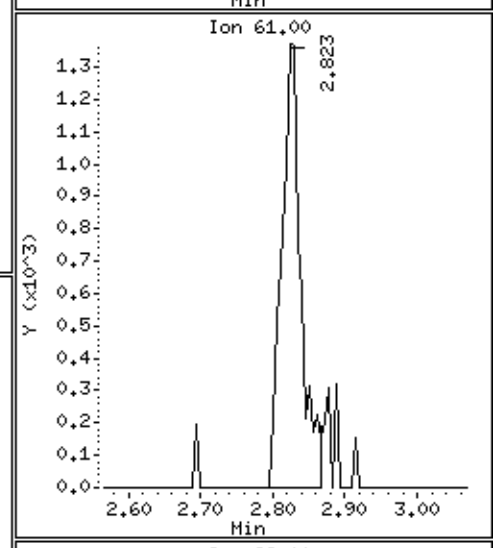


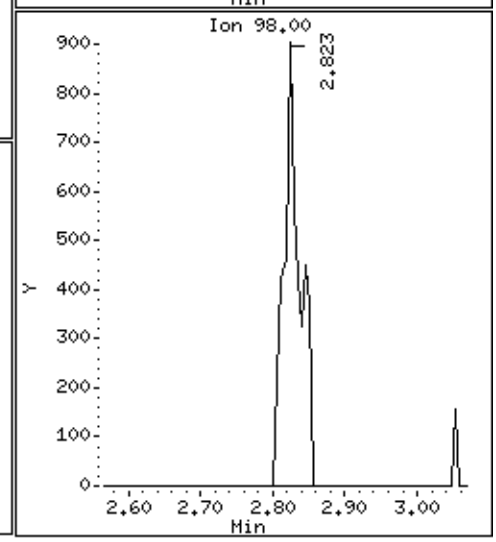












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d

Date : 06-OCT-2017 06:40

Client ID: MW-0618-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760027

Purge Volume: 5.0

Operator: jlz

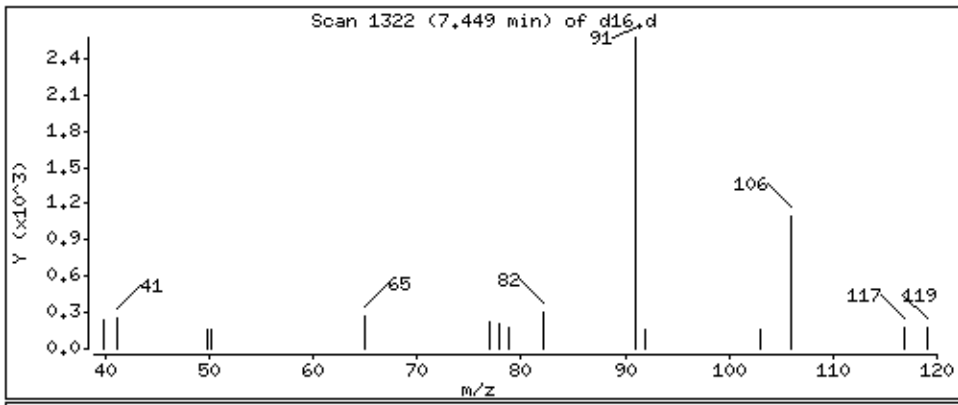
Column phase: DB-624

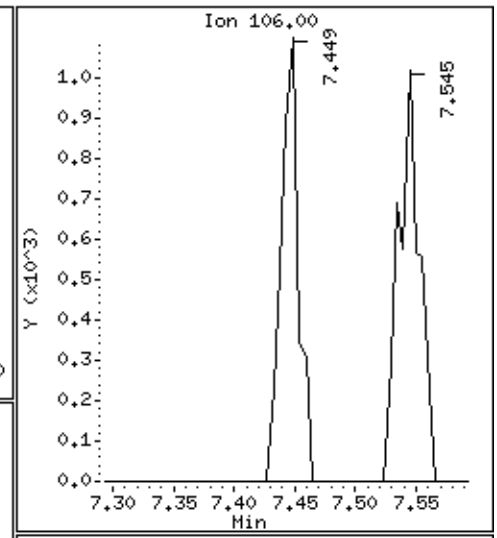
Column diameter: 0.18

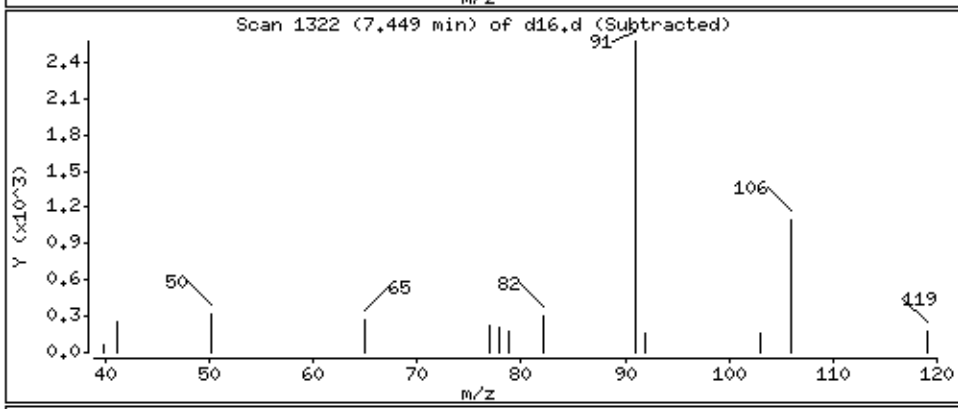
68 Ethylbenzene

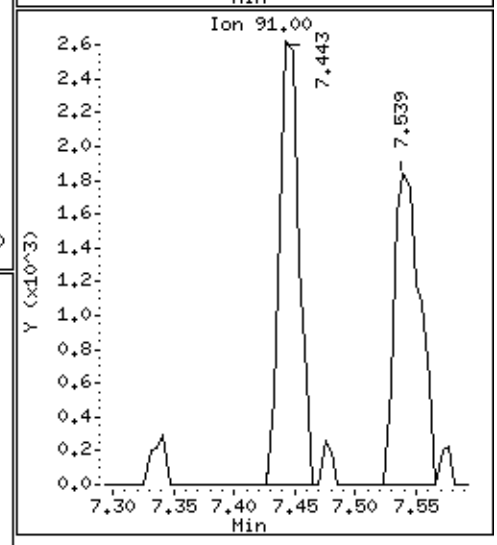
Concentration: 0.325 ppb

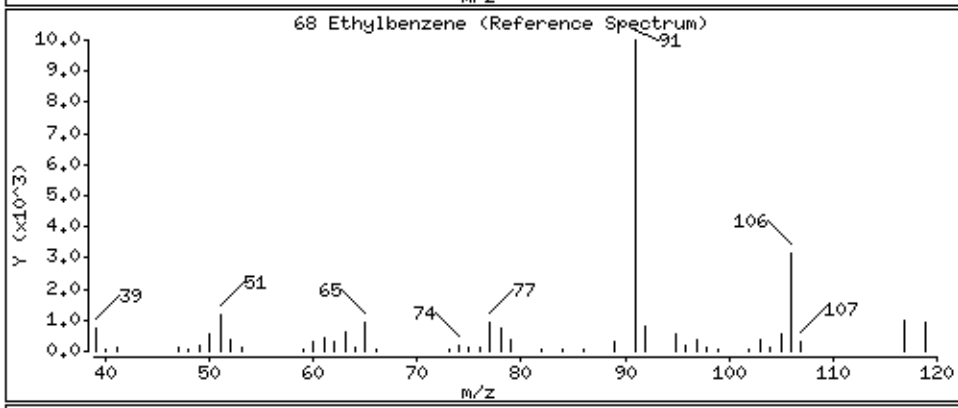
Review Code:

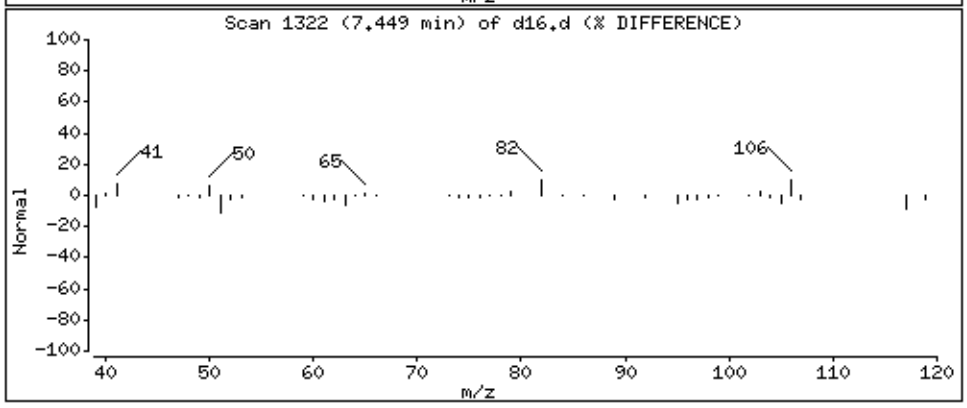












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d16.d

Date : 06-OCT-2017 06:40

Client ID: MW-0618-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760027

Purge Volume: 5.0

Operator: jlz

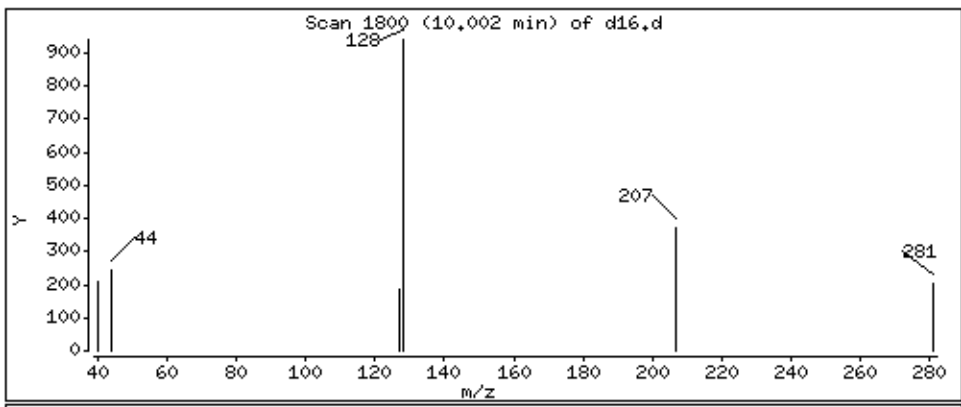
Column phase: DB-624

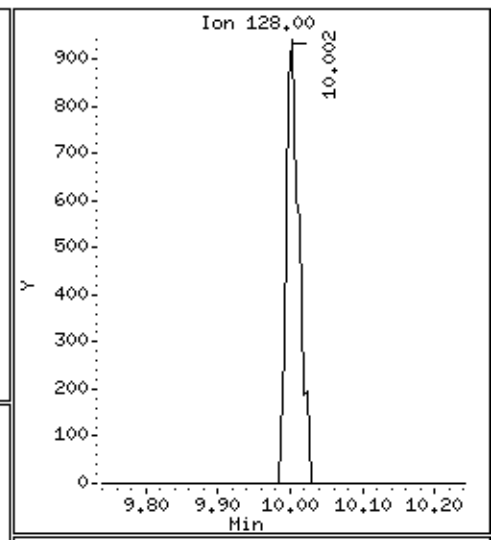
Column diameter: 0.18

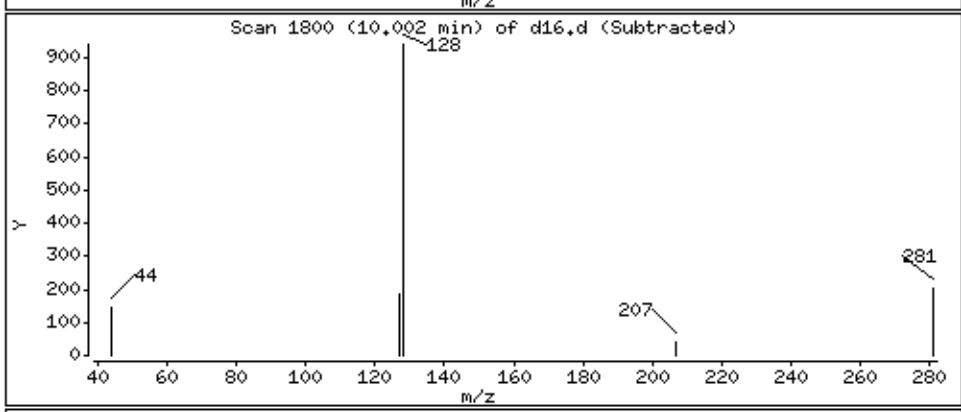
95 Naphthalene

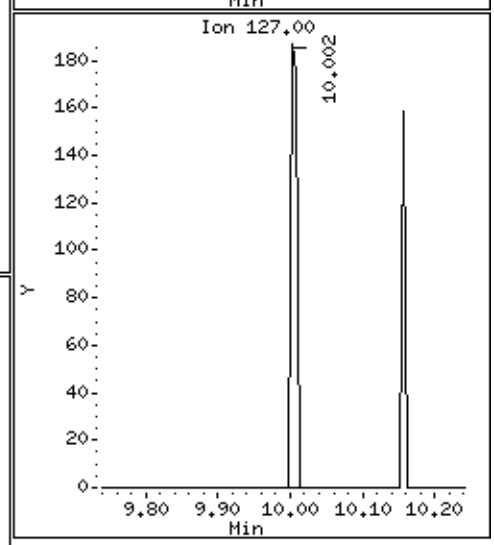
Concentration: 0.253 ppb

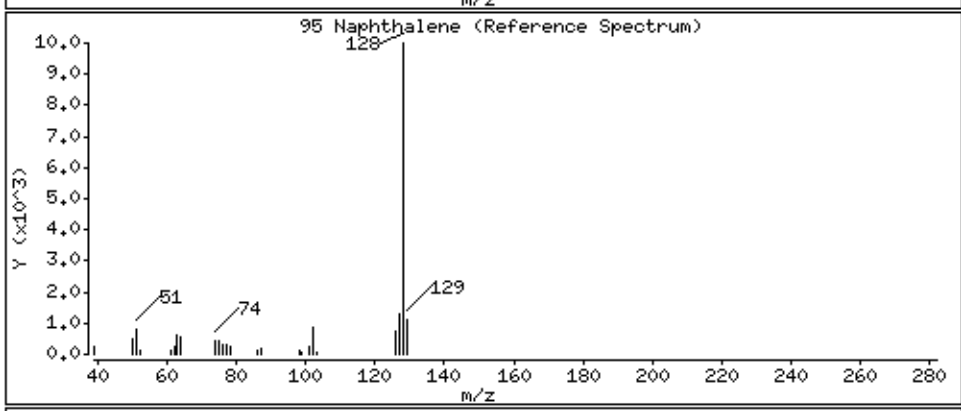
Review Code:

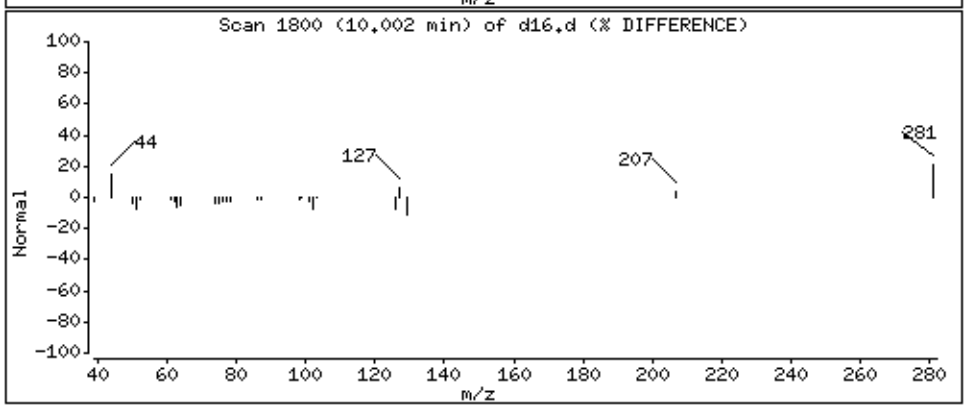












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d16.d
Injection Date: 06-OCT-2017 06:40
Instrument: 50mv3b.i
Lab Sample ID: 50180760027
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0613-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:12 Lab Sample ID: 50180760028

Date Analyzed: 10/06/2017 07:12 Lab File ID: B100517.B\D17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0613-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:12 Lab Sample ID: 50180760028

Date Analyzed: 10/06/2017 07:12 Lab File ID: B100517.B\D17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d17.d
Lab Smp Id: 50180760028 Client Smp ID: MW-0613-S1 (092717)
Inj Date : 06-OCT-2017 07:12
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760028
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 82
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

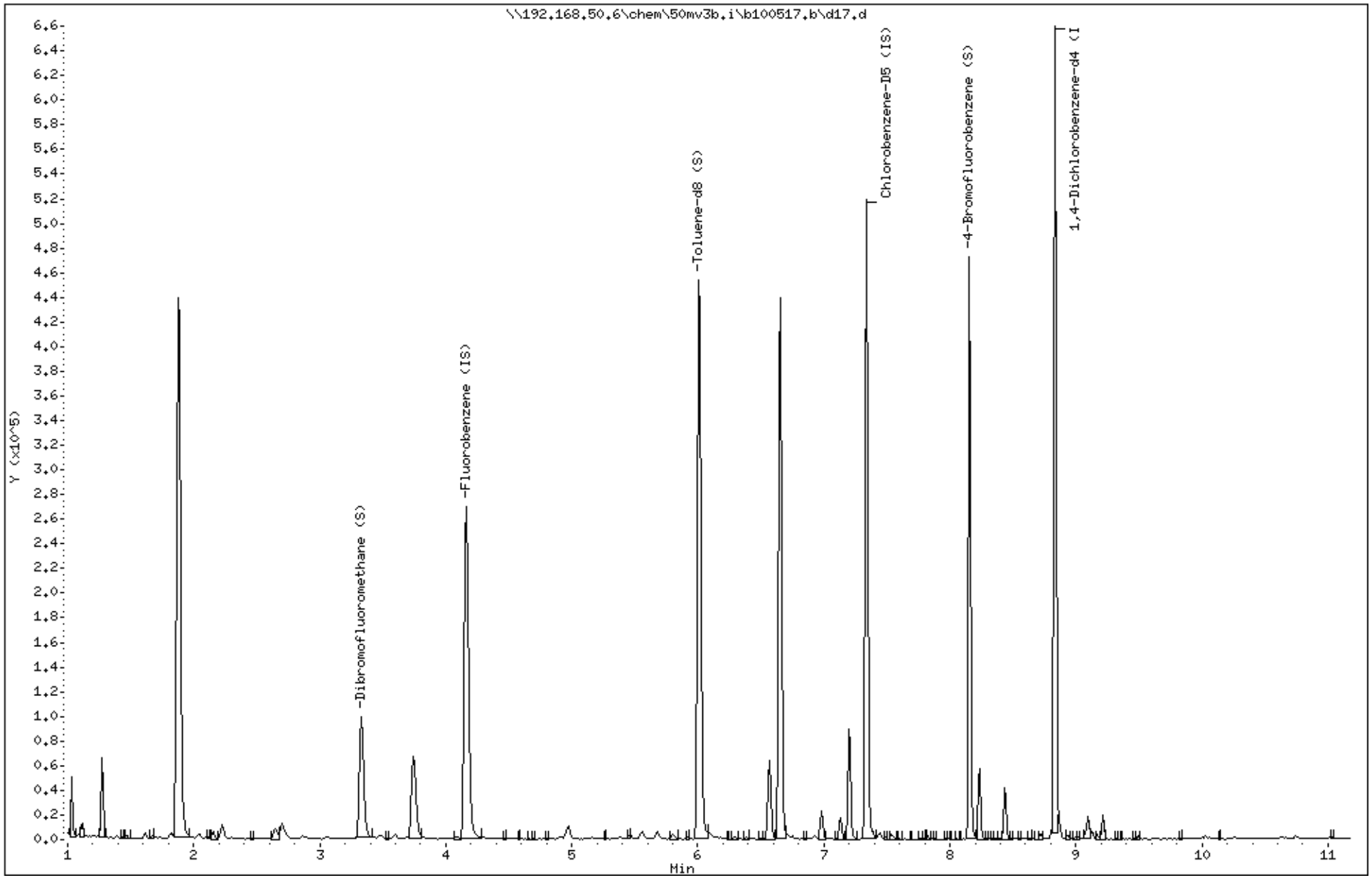
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.613	1.611	(0.388)	4360	17.3966	17.4	
$ 35 Dibromofluoromethane (S)	113	3.333	3.330	(0.801)	65733	48.7393	48.7	
* 44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	280052	50.0000		
$ 55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	286202	48.9743	49.0	
* 65 Chlorobenzene-D5 (IS)	117	7.333	7.336	(1.000)	221393	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.112)	100550	45.7945	45.8	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.832	(1.000)	113172	50.0000		
95 Naphthalene	128	9.993	9.991	(1.131)	804	0.17399	0.174	

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d17.d
Date : 06-OCT-2017 07:12
Client ID: MW-0613-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760028
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d17.d

Date : 06-OCT-2017 07:12

Client ID: MW-0613-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760028

Purge Volume: 5.0

Operator: jlz

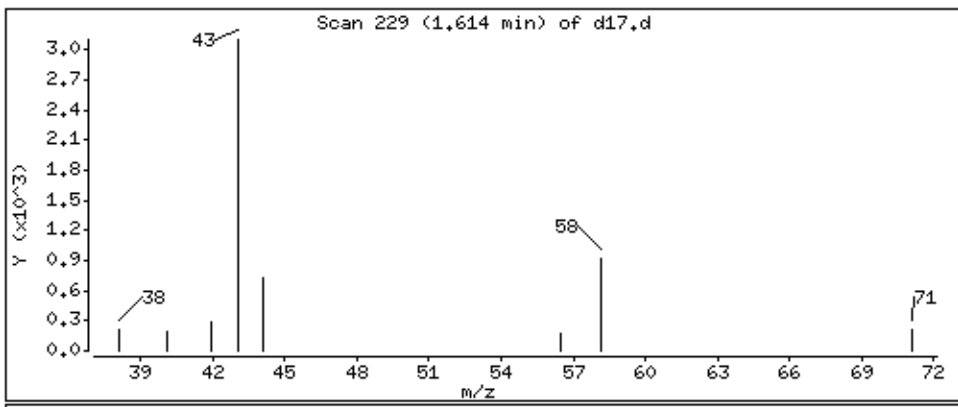
Column phase: DB-624

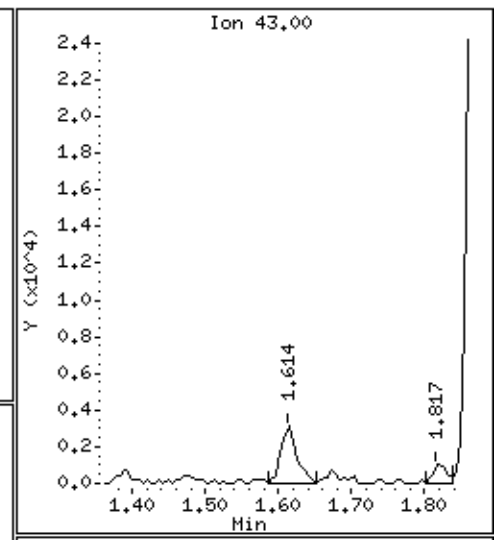
Column diameter: 0.18

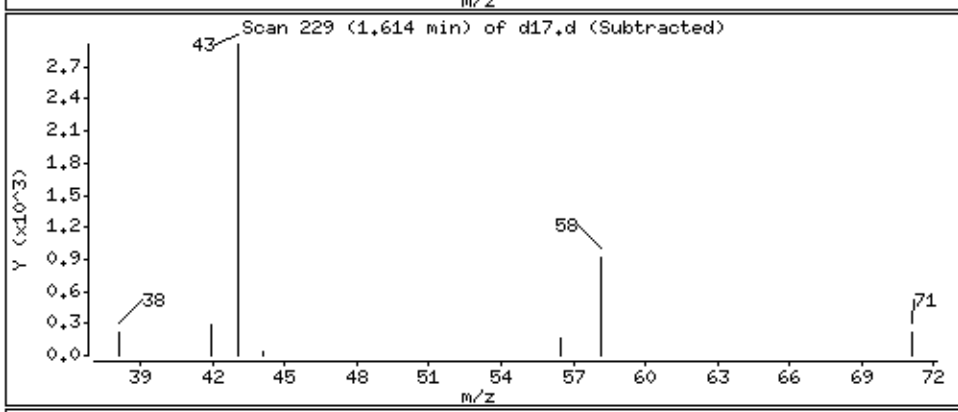
12 Acetone

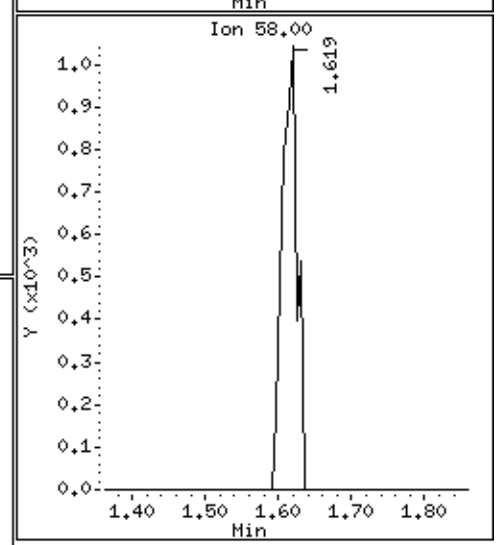
Concentration: 17.4 ppb

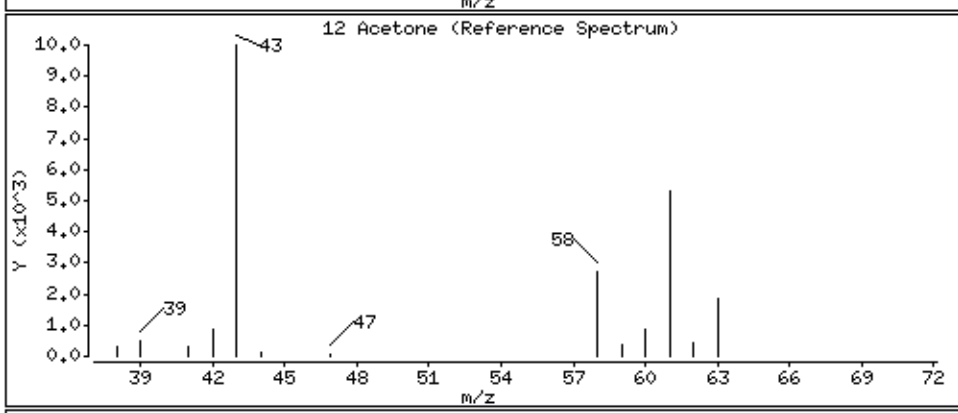
Review Code:

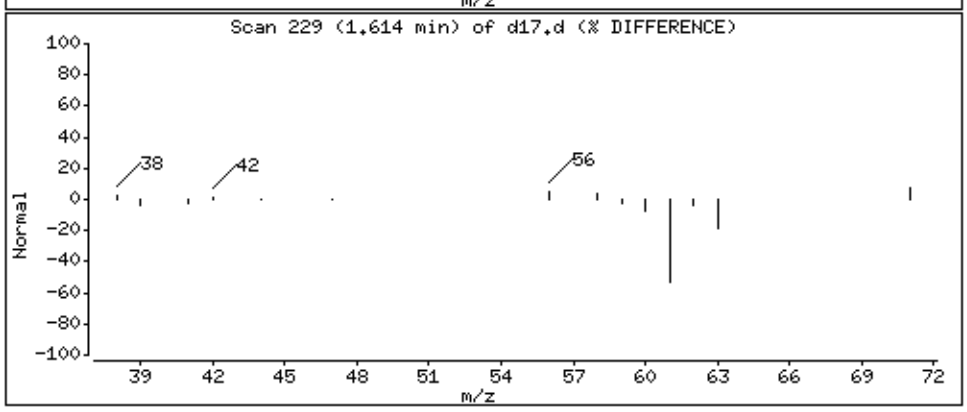












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d17.d

Date : 06-OCT-2017 07:12

Client ID: MW-0613-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760028

Purge Volume: 5.0

Operator: jlz

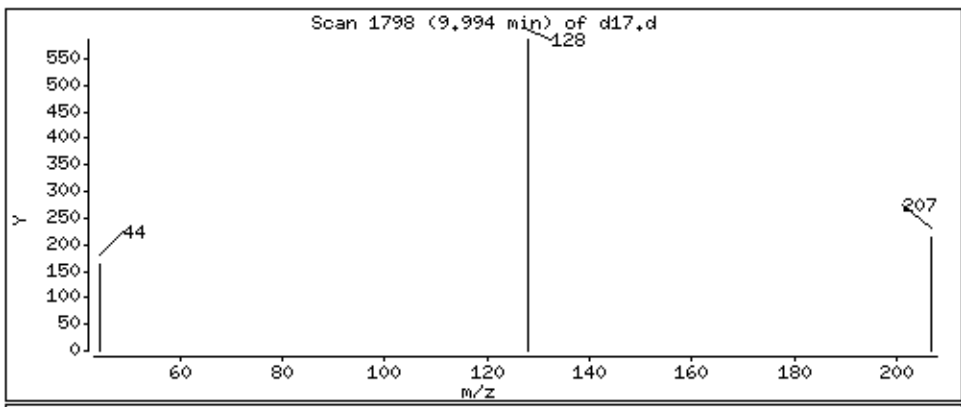
Column phase: DB-624

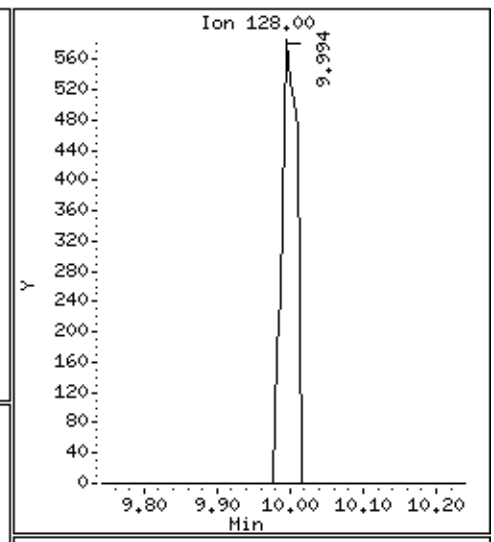
Column diameter: 0.18

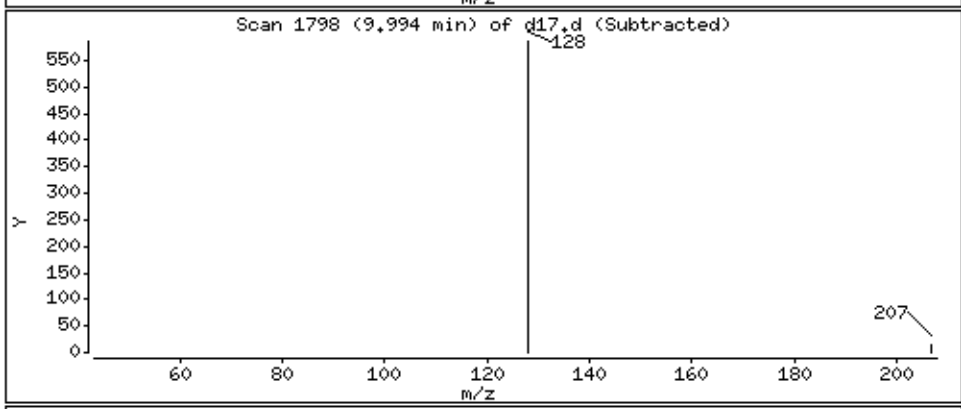
95 Naphthalene

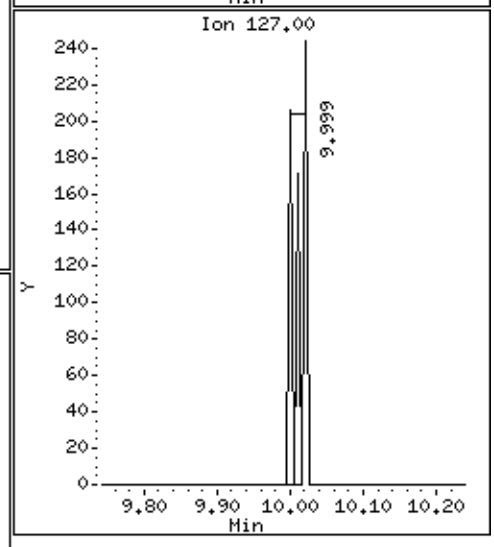
Concentration: 0.174 ppb

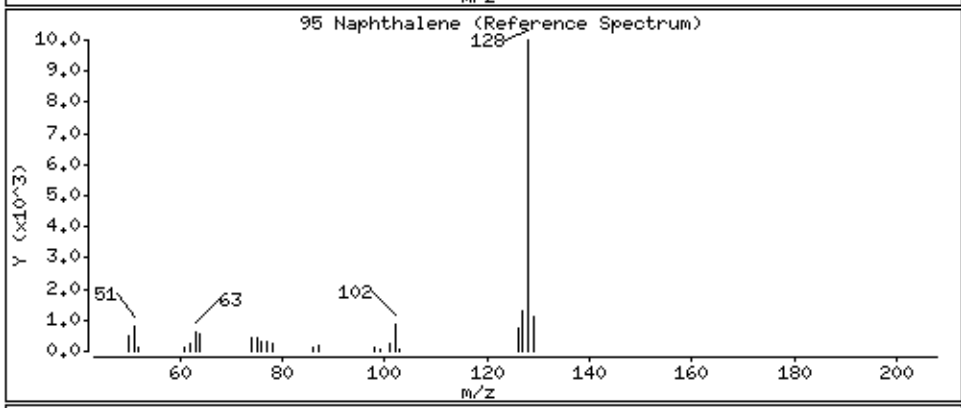
Review Code:

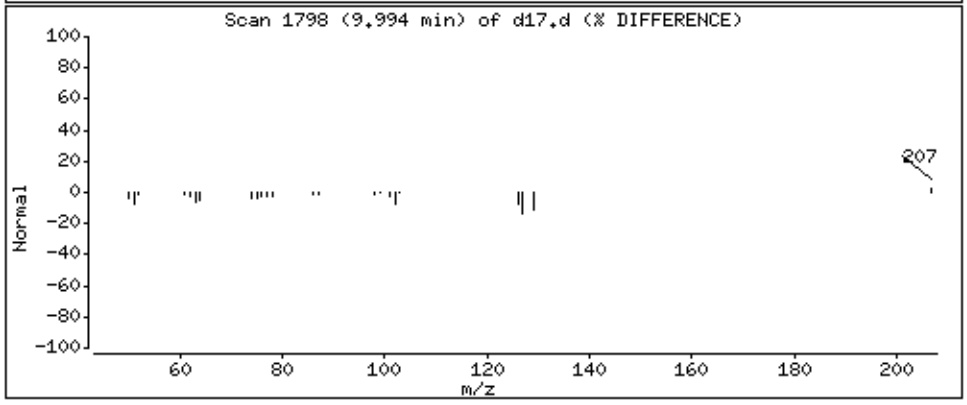












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d17.d
Injection Date: 06-OCT-2017 07:12
Instrument: 50mv3b.i
Lab Sample ID: 50180760028
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

EB-2 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:44 Lab Sample ID: 50180760029

Date Analyzed: 10/06/2017 07:44 Lab File ID: B100517.B\D18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

EB-2 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 07:44 Lab Sample ID: 50180760029

Date Analyzed: 10/06/2017 07:44 Lab File ID: B100517.B\D18.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d18.d
Lab Smp Id: 50180760029 Client Smp ID: EB-2 (092717)
Inj Date : 06-OCT-2017 07:44
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760029
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 84
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
12 Acetone	43	1.611	1.611	(0.387)	9163	36.9979	37.0	
$ 35 Dibromofluoromethane (S)	113	3.331	3.330	(0.801)	66041	49.5532	49.6	
* 44 Fluorobenzene (IS)	96	4.159	4.164	(1.000)	276743	50.0000		
$ 55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	290570	50.6746	50.7	
* 65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	217230	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.111)	100925	46.8462	46.8	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.832	(1.000)	115636	50.0000		

Review Codes Legend

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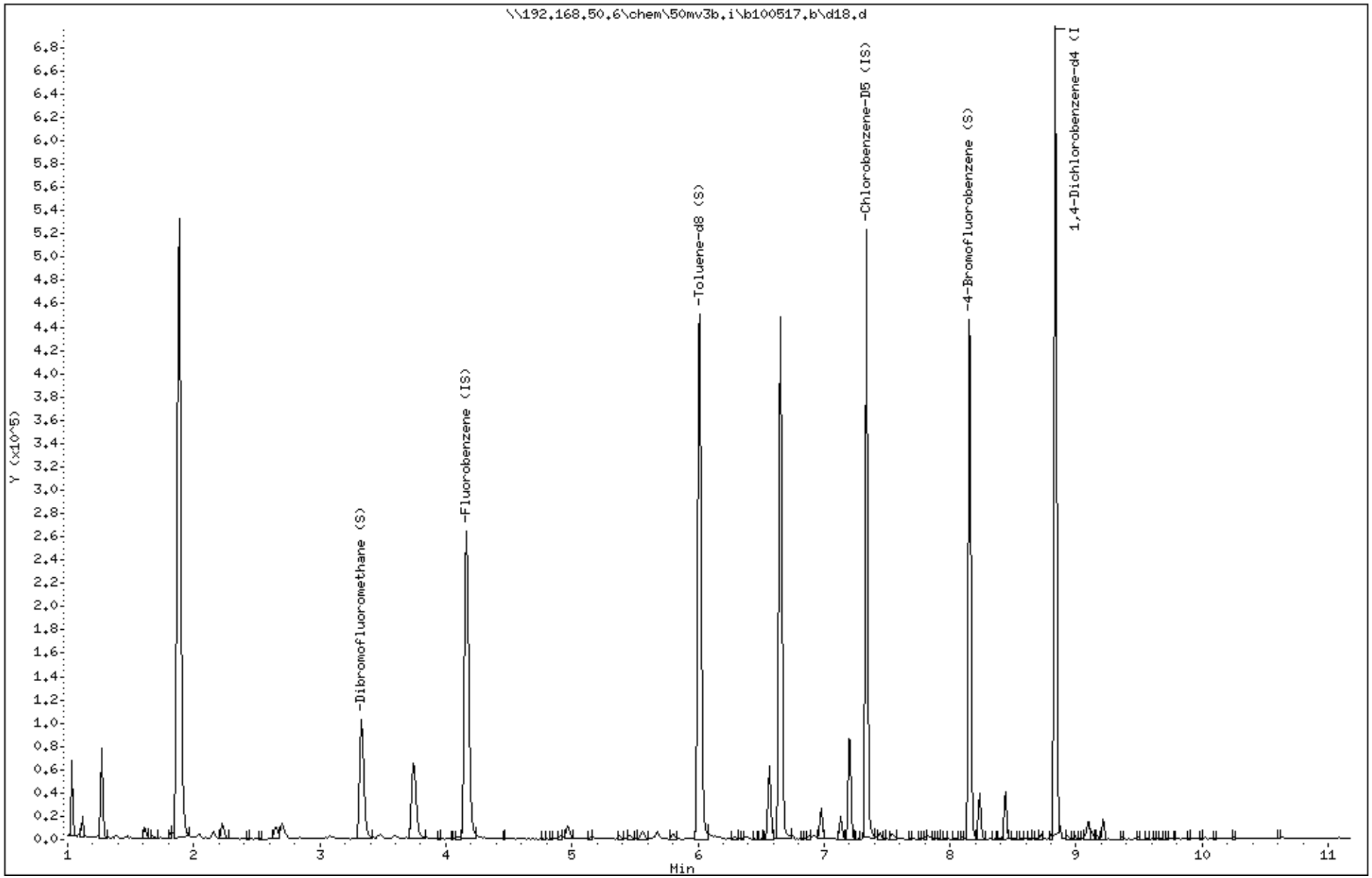
Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d18.d
Date : 06-OCT-2017 07:44
Client ID: EB-2 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760029
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d18.d

Date : 06-OCT-2017 07:44

Client ID: EB-2 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760029

Purge Volume: 5.0

Operator: jlz

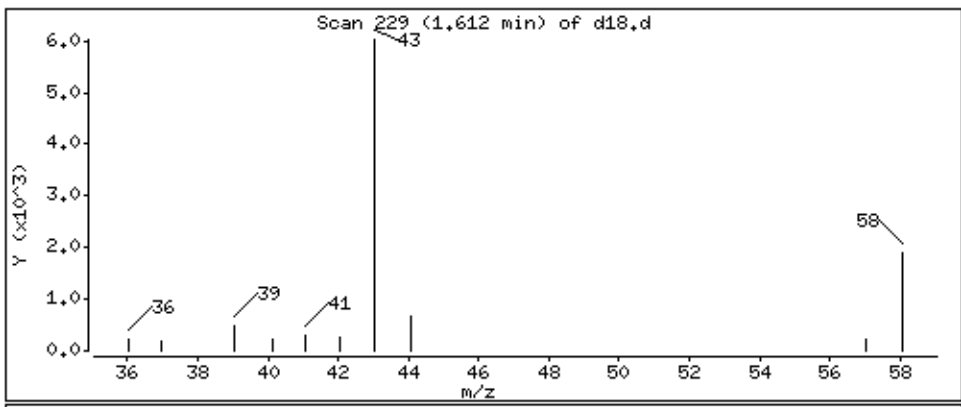
Column phase: DB-624

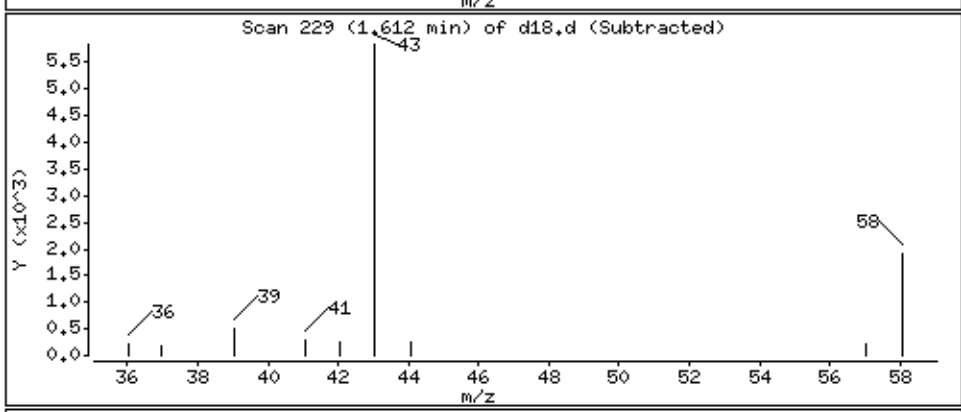
Column diameter: 0.18

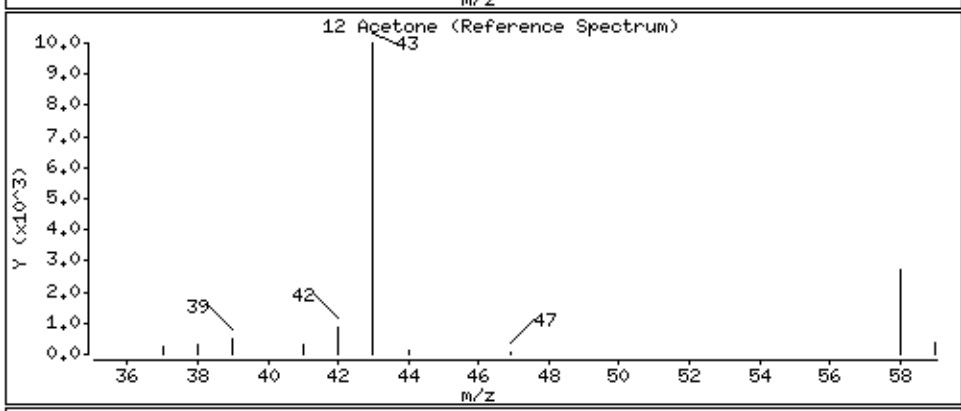
12 Acetone

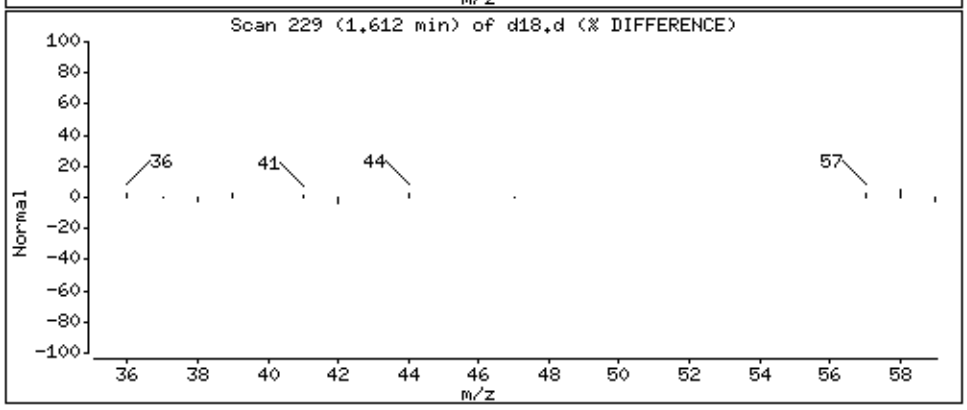
Concentration: 37.0 ppb

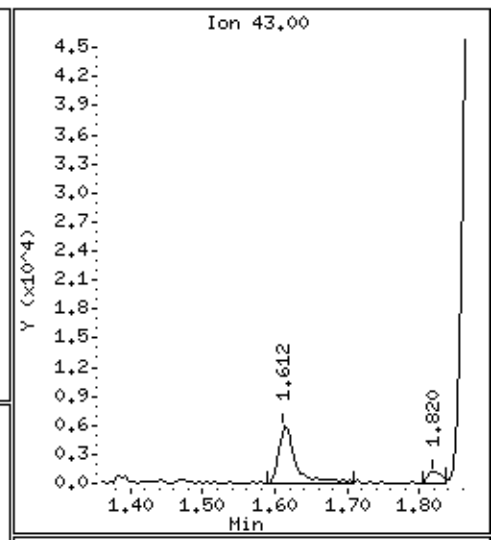
Review Code:

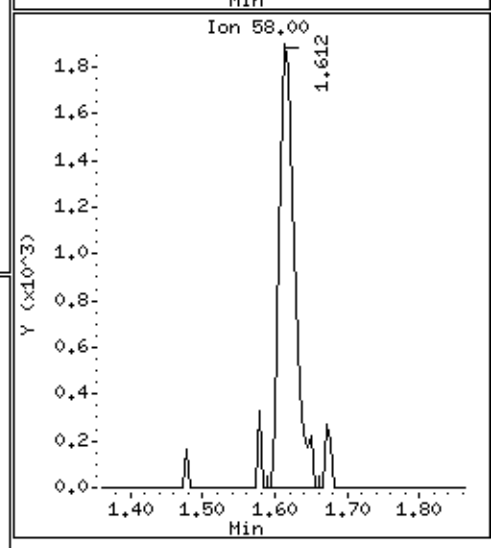












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d18.d
Injection Date: 06-OCT-2017 07:44
Instrument: 50mv3b.i
Lab Sample ID: 50180760029
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0607-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:16 Lab Sample ID: 50180760030

Date Analyzed: 10/06/2017 08:16 Lab File ID: B100517.B\D19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0607-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:16 Lab Sample ID: 50180760030

Date Analyzed: 10/06/2017 08:16 Lab File ID: B100517.B\D19.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d19.d
Lab Smp Id: 50180760030 Client Smp ID: MW-0607-S1 (092717)
Inj Date : 06-OCT-2017 08:16
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760030
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 86
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
$ 35 Dibromofluoromethane (S)	113	3.331	3.330	(0.801)	63836	47.4522	47.4	
* 44 Fluorobenzene (IS)	96	4.159	4.164	(1.000)	279347	50.0000		
$ 55 Toluene-d8 (S)	98	6.007	6.012	(0.819)	278490	48.5699	48.6	
* 65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	217221	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.154	8.153	(1.111)	99020	45.9639	46.0	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.832	(1.000)	112874	50.0000		

Review Codes Legend

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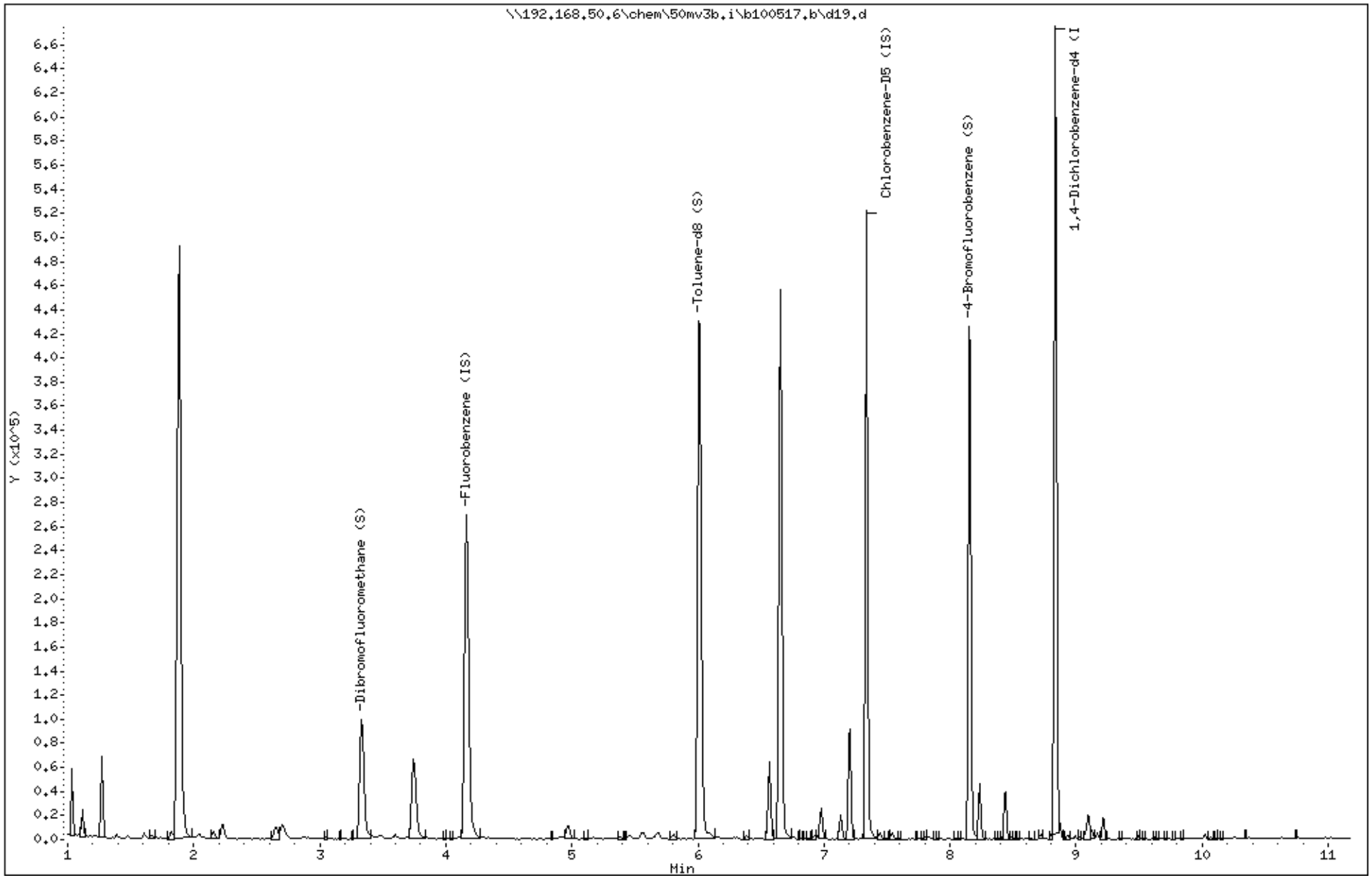
Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d19.d
Date : 06-OCT-2017 08:16
Client ID: MW-0607-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760030
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d19.d
Injection Date: 06-OCT-2017 08:16
Instrument: 50mv3b.i
Lab Sample ID: 50180760030
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0612-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:48 Lab Sample ID: 50180760031

Date Analyzed: 10/06/2017 08:48 Lab File ID: B100517.B\D20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	100	
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0612-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 08:48 Lab Sample ID: 50180760031

Date Analyzed: 10/06/2017 08:48 Lab File ID: B100517.B\D20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	674	
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d20.d
Lab Smp Id: 50180760031 Client Smp ID: MW-0612-S1 (092717)
Inj Date : 06-OCT-2017 08:48
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760031x5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 88
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
22 1,2-Dichloroethene (trans)	96	2.041	2.043	(0.490)	6140	3.33582	16.7	
28 1,2-Dichloroethene (cis)	96	2.815	2.818	(0.677)	38824	20.0775	100(Q)	
$ 35 Dibromofluoromethane (S)	113	3.328	3.330	(0.800)	63708	46.8056	46.8	
* 44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	282638	50.0000		
45 Trichloroethene	95	4.610	4.612	(1.108)	256729	134.872	674	
$ 55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	284639	49.7885	49.8	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.336	(1.000)	216583	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.112)	100932	46.9894	47.0	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.832	(1.000)	114250	50.0000		

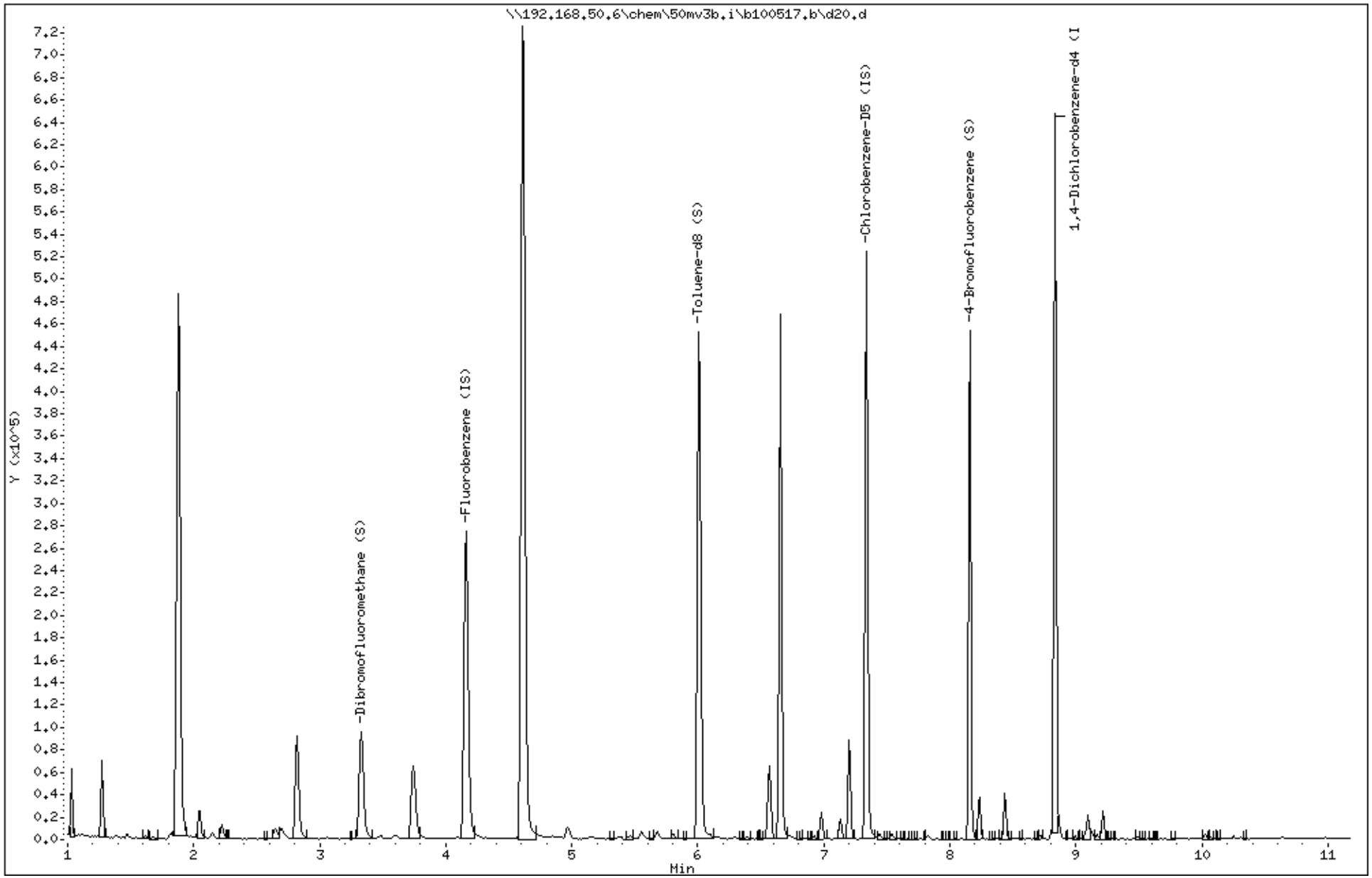
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d20.d
Date : 06-OCT-2017 08:48
Client ID: MW-0612-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760031x5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 08:48

Client ID: MW-0612-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760031x5

Purge Volume: 5.0

Operator: jlz

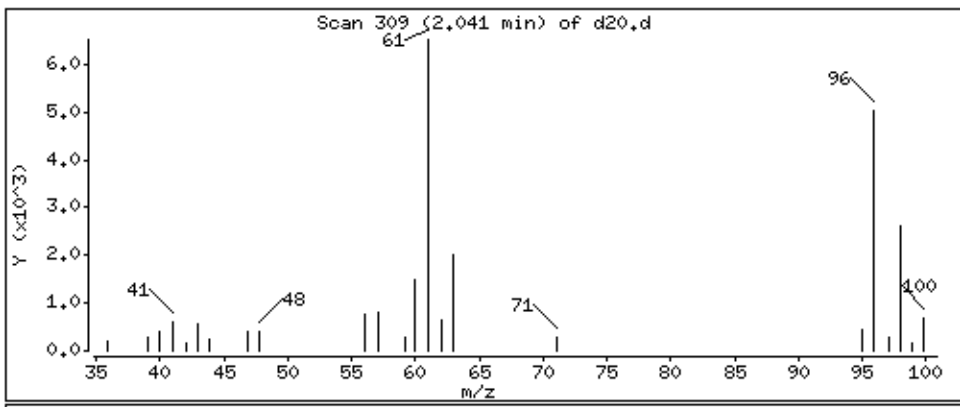
Column phase: DB-624

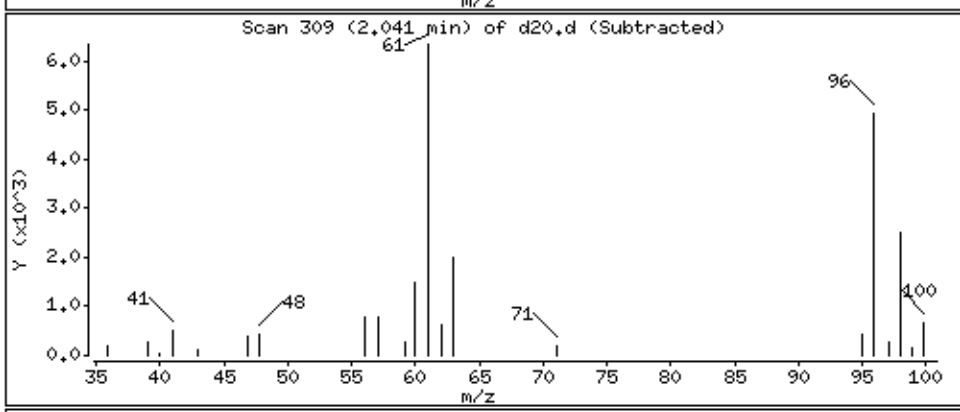
Column diameter: 0.18

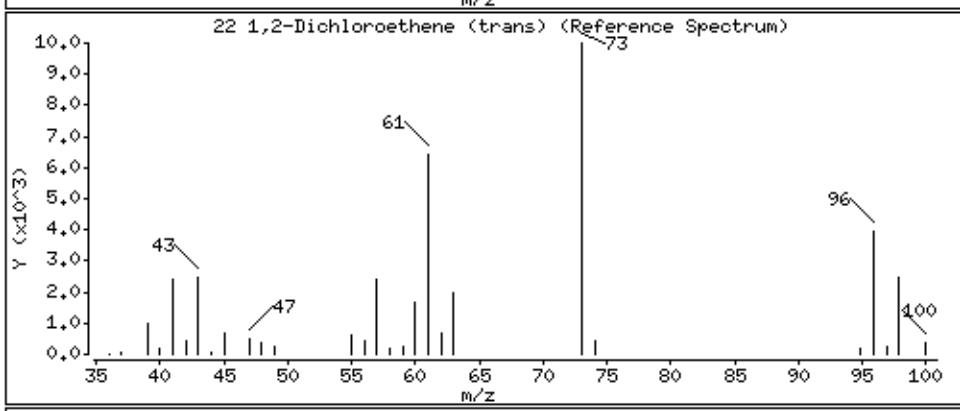
22 1,2-Dichloroethene (trans)

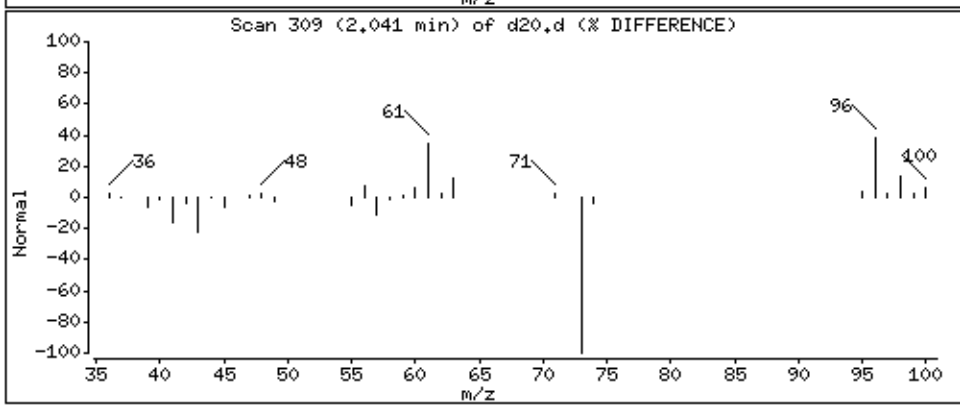
Concentration: 16.7 ppb

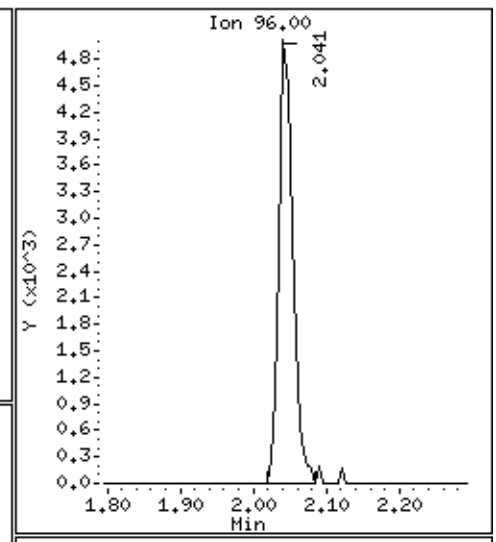
Review Code:

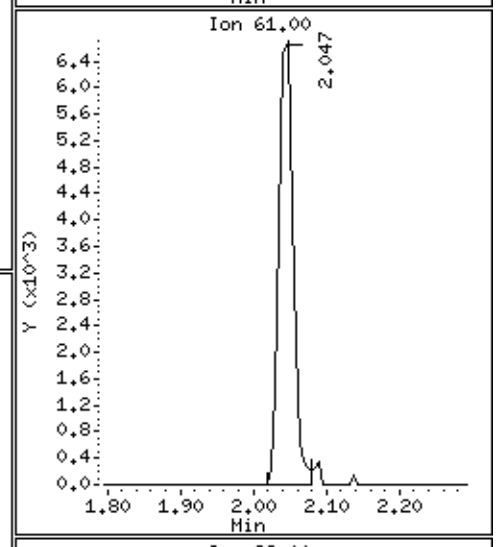


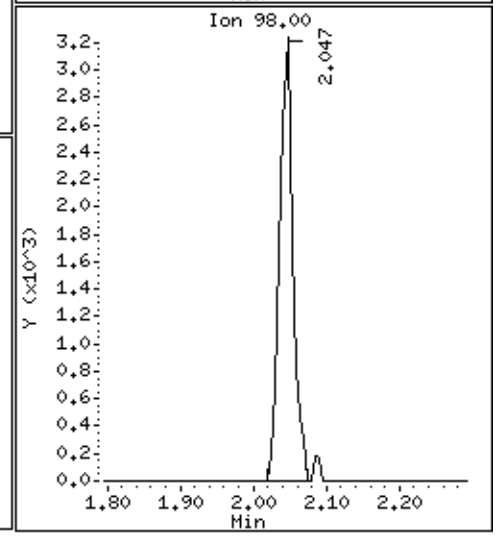












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Date : 06-OCT-2017 08:48

Client ID: MW-0612-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760031x5

Purge Volume: 5.0

Operator: jlz

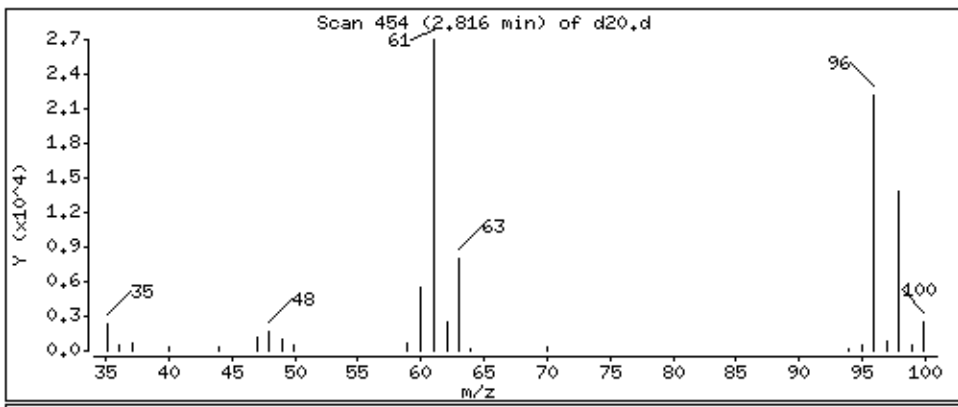
Column phase: DB-624

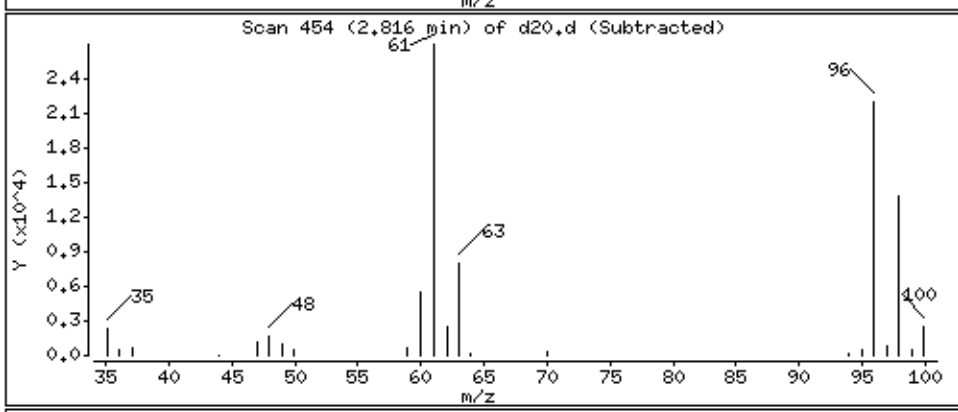
Column diameter: 0.18

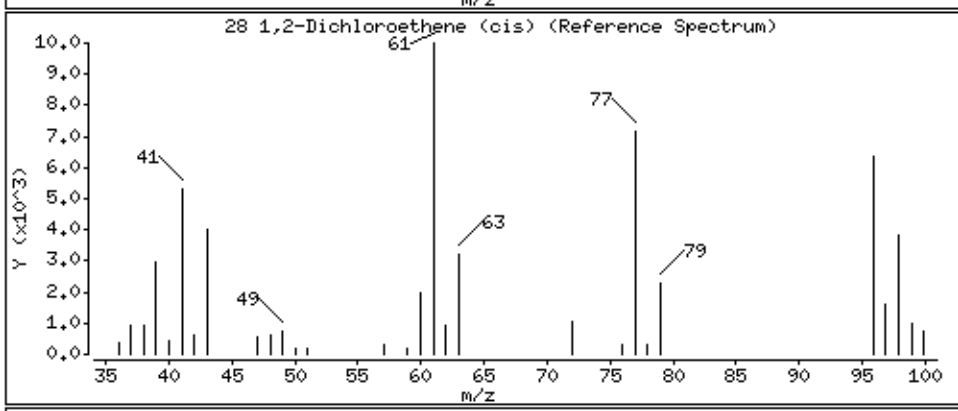
28 1,2-Dichloroethene (cis)

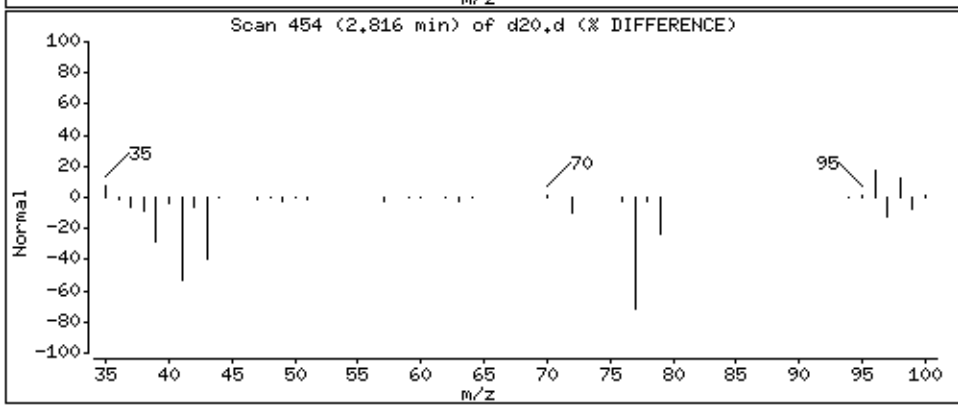
Concentration: 100 ppb

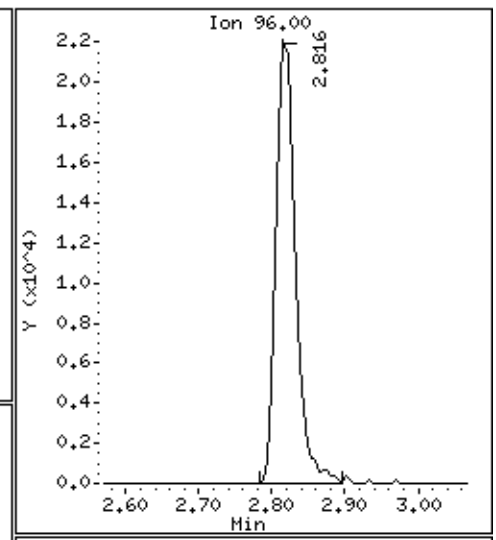
Review Code:

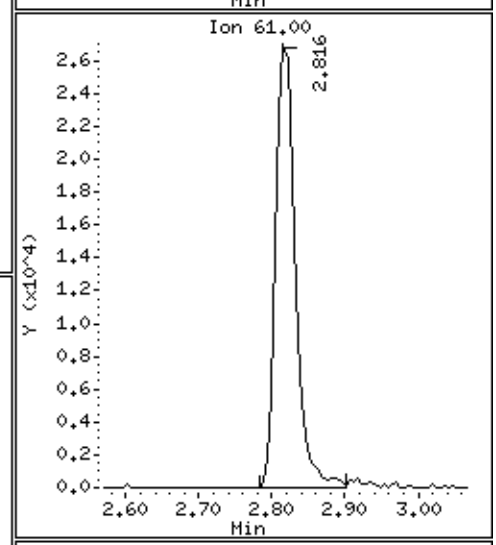


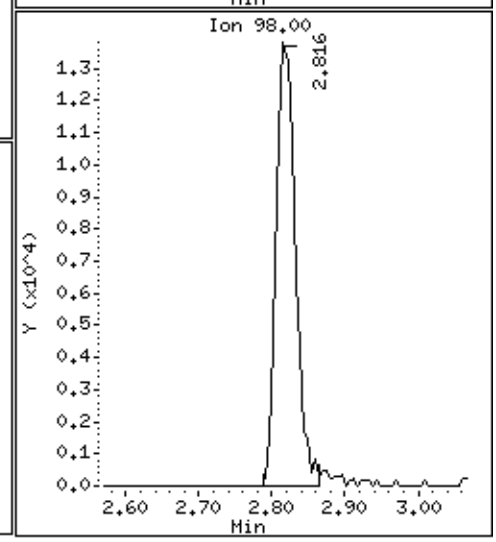












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d20.d

Date : 06-OCT-2017 08:48

Client ID: MW-0612-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760031x5

Purge Volume: 5.0

Operator: jlz

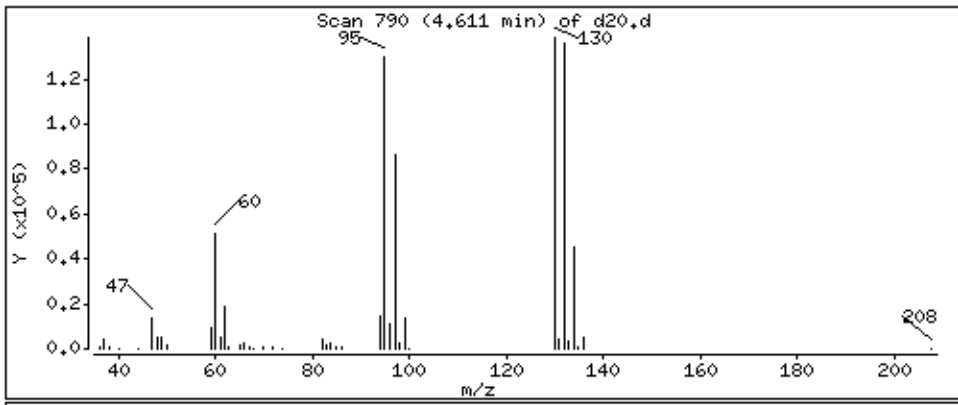
Column phase: DB-624

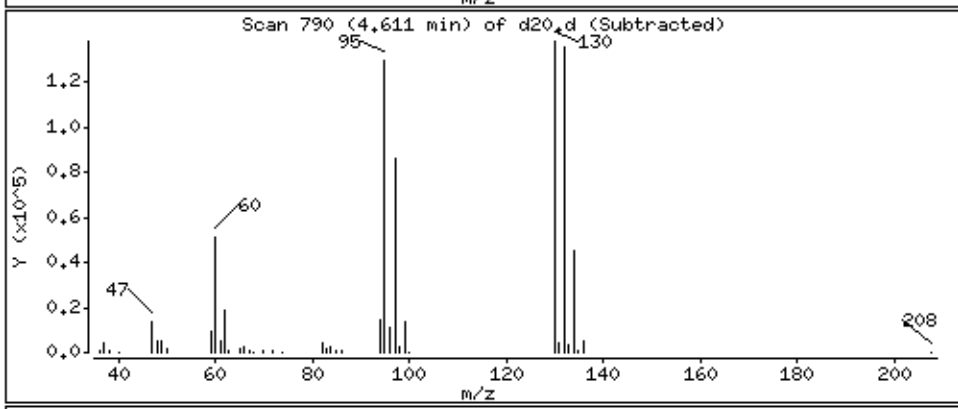
Column diameter: 0.18

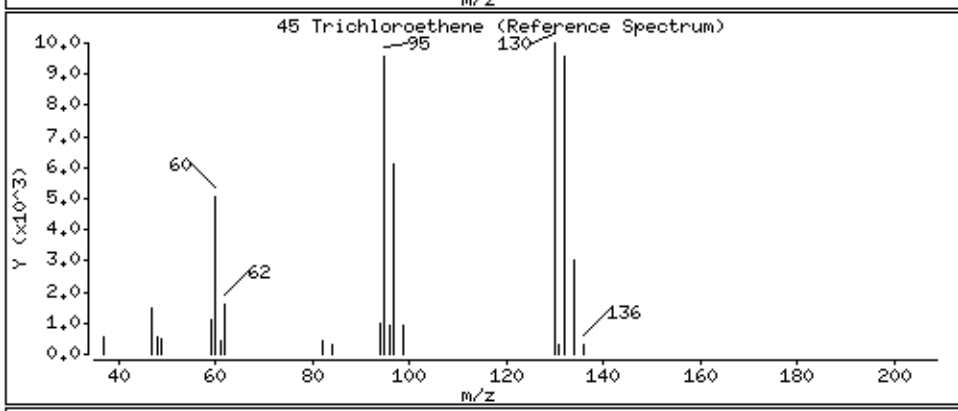
45 Trichloroethene

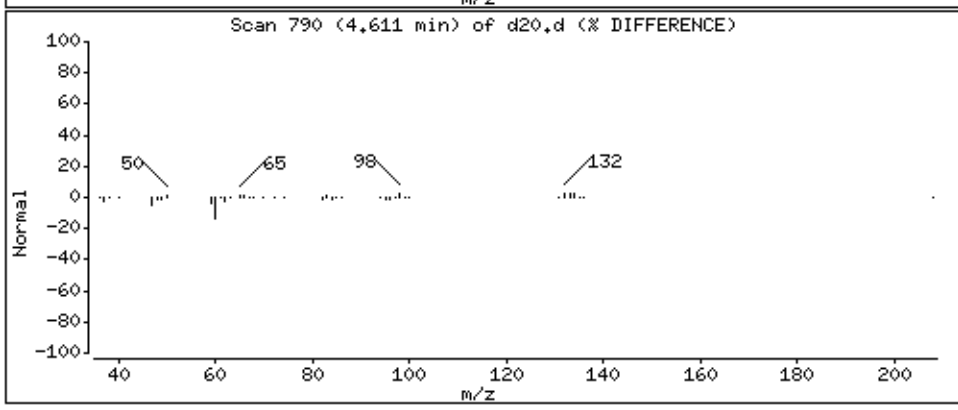
Concentration: 674 ppb

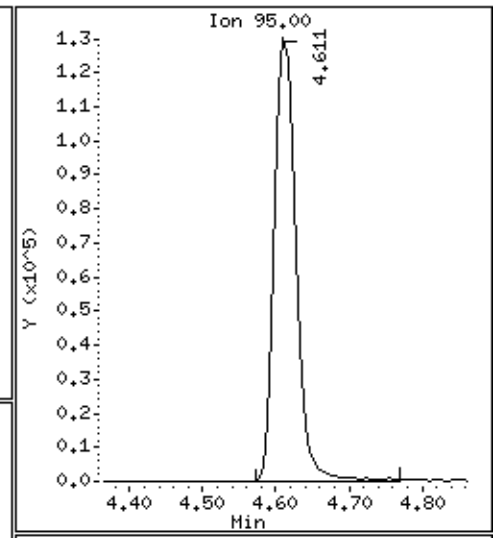
Review Code:

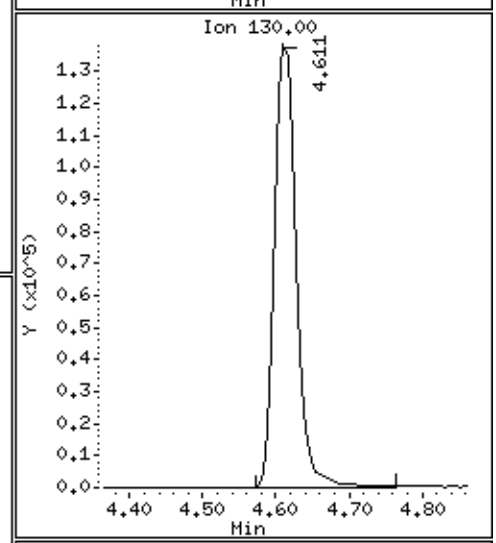


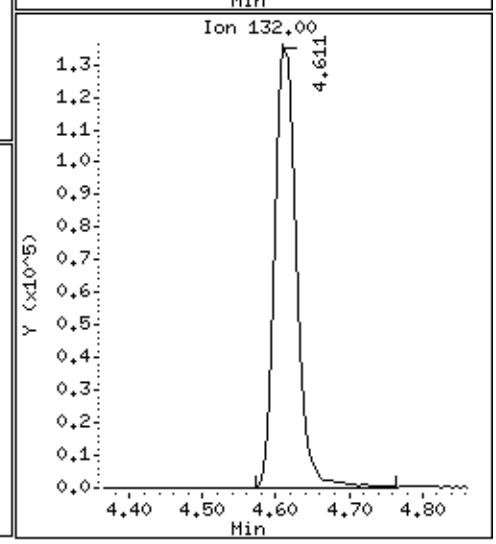












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Injection Date: 06-OCT-2017 08:48
Instrument: 50mv3b.i
Lab Sample ID: 50180760031
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0606-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:20 Lab Sample ID: 50180760032

Date Analyzed: 10/06/2017 09:20 Lab File ID: B100517.B\D21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	250	
156-60-5	trans-1,2-Dichloroethene	51.0	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0606-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:20 Lab Sample ID: 50180760032

Date Analyzed: 10/06/2017 09:20 Lab File ID: B100517.B\D21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d
Lab Smp Id: 5080760032
Inj Date : 06-OCT-2017 09:20
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 5080760032
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

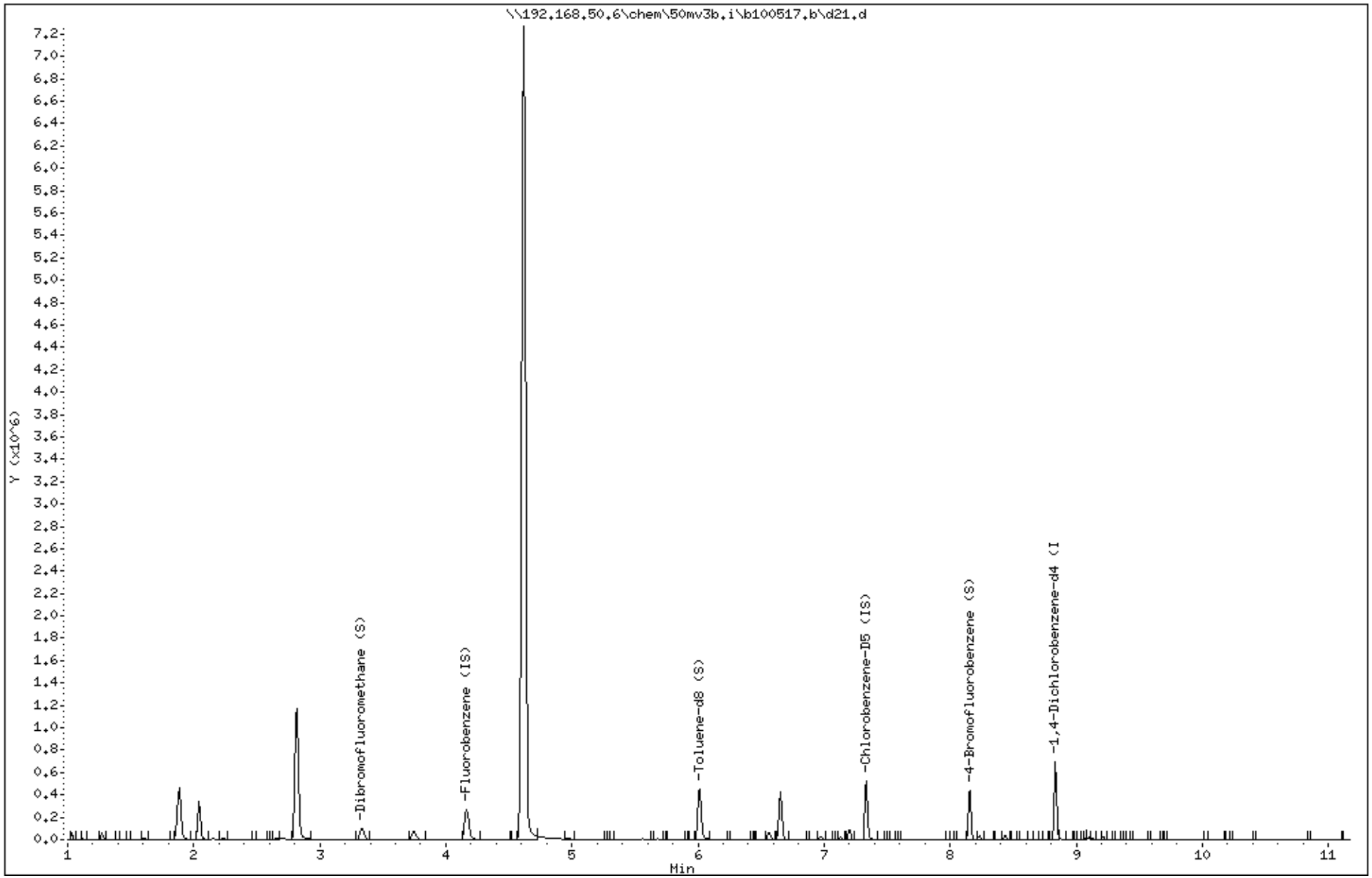
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	12 Acetone	43	1.611	1.611	(0.387)	5911	23.0801	23.1	
	22 1,2-Dichloroethene (trans)	96	2.044	2.043	(0.491)	95059	51.0057	51.0	
	28 1,2-Dichloroethene (cis)	96	2.818	2.818	(0.677)	490179	250.354	250	
$	35 Dibromofluoromethane (S)	113	3.331	3.330	(0.800)	65803	47.7464	47.7	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	286180	50.0000		
	45 Trichloroethene	95	4.613	4.612	(1.108)	2595230	1346.53	1350	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	285922	49.1185	49.1	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	220527	50.0000		
$	74 4-Bromofluorobenzene (S)	95	8.159	8.153	(1.112)	100054	45.7476	45.7	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.832	(1.000)	113444	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d
Date : 06-OCT-2017 09:20
Client ID:
Sample Info: 5080760032
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d

Date : 06-OCT-2017 09:20

Client ID:

Instrument: 50mv3b.i

Sample Info: 5080760032

Purge Volume: 5.0

Operator: jlz

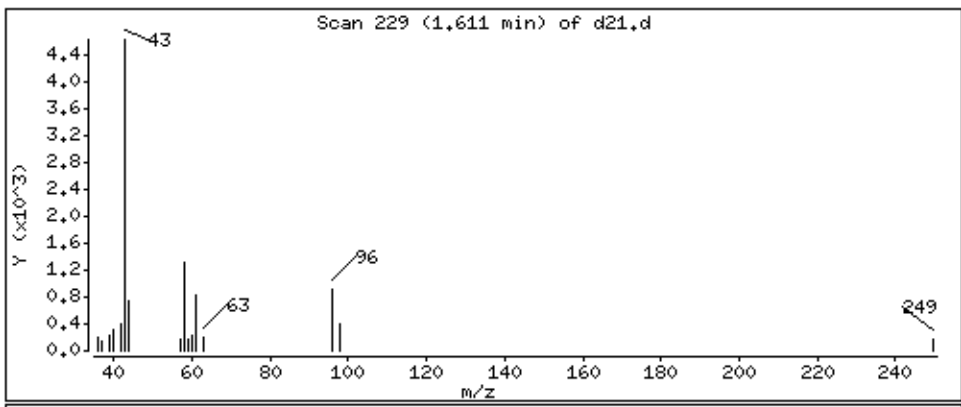
Column phase: DB-624

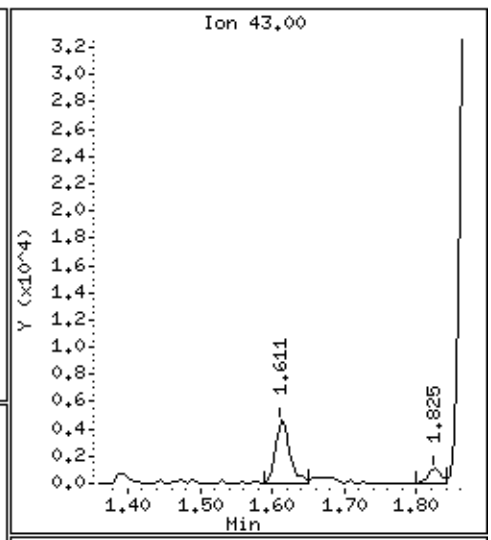
Column diameter: 0.18

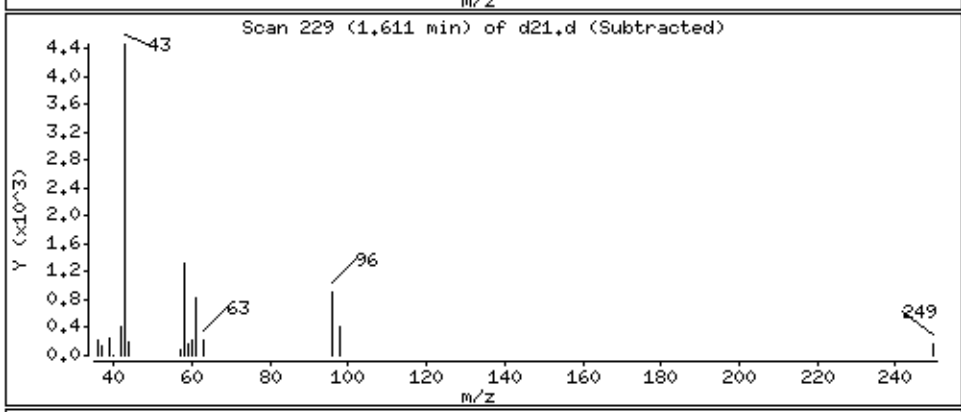
12 Acetone

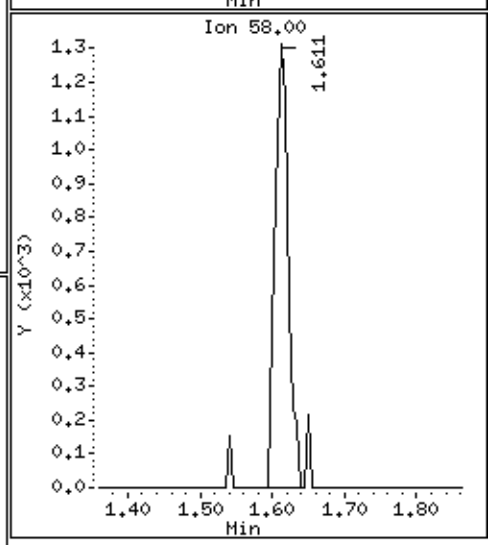
Concentration: 23.1 ppb

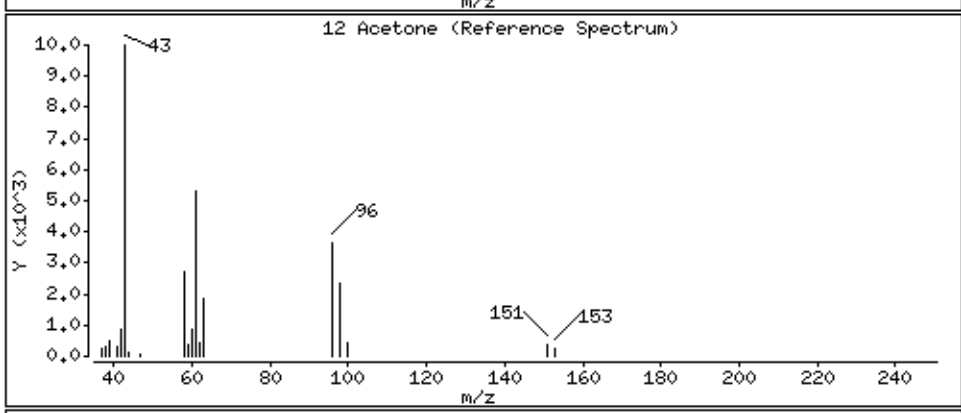
Review Code:

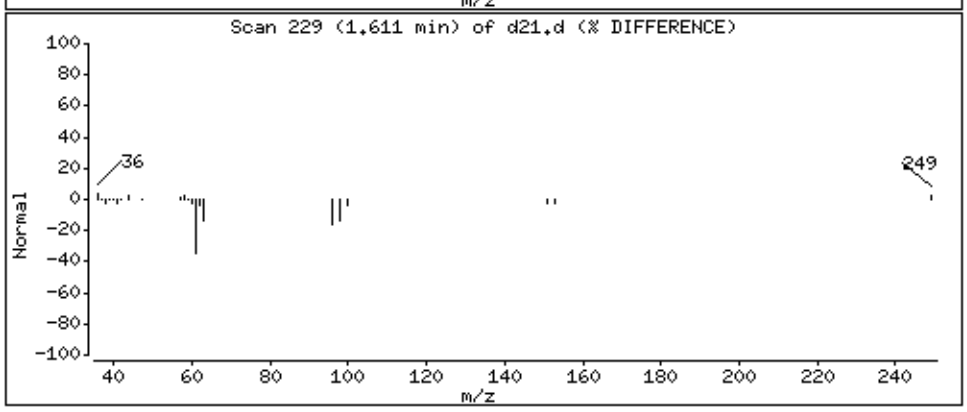












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d

Date : 06-OCT-2017 09:20

Client ID:

Instrument: 50mv3b.i

Sample Info: 5080760032

Purge Volume: 5.0

Operator: jlz

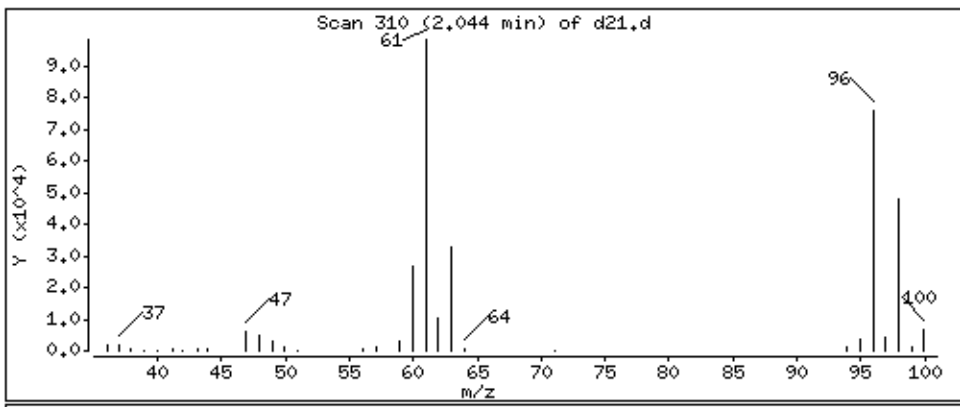
Column phase: DB-624

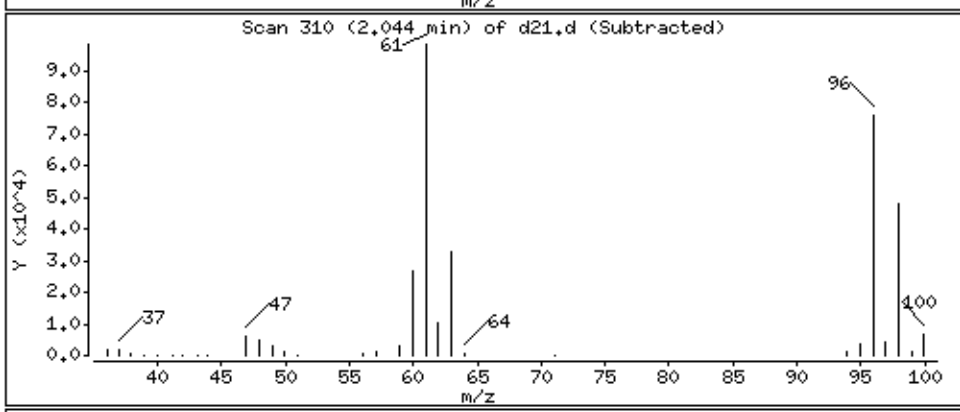
Column diameter: 0.18

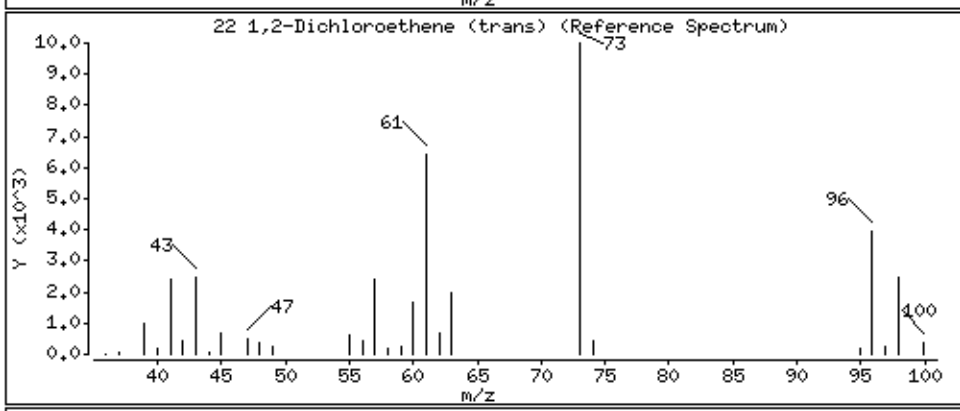
22 1,2-Dichloroethene (trans)

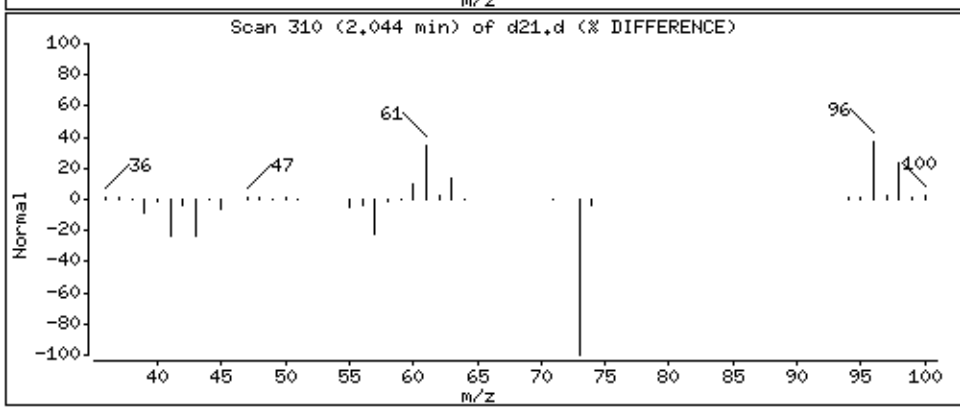
Concentration: 51.0 ppb

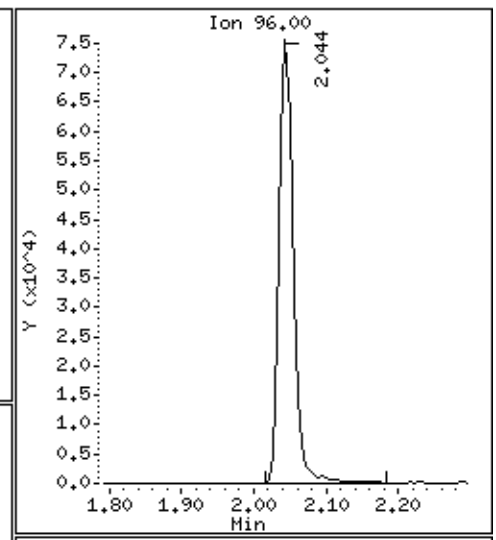
Review Code:

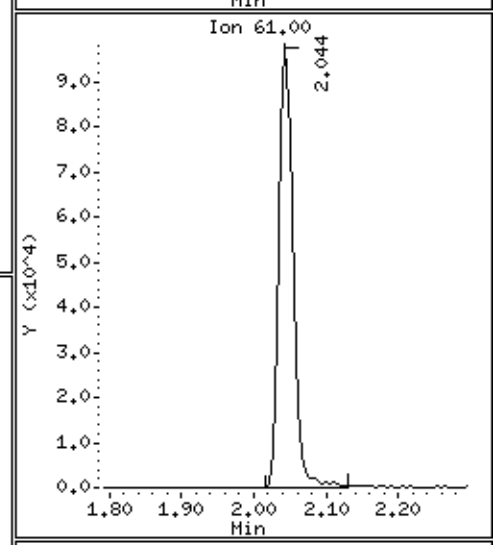


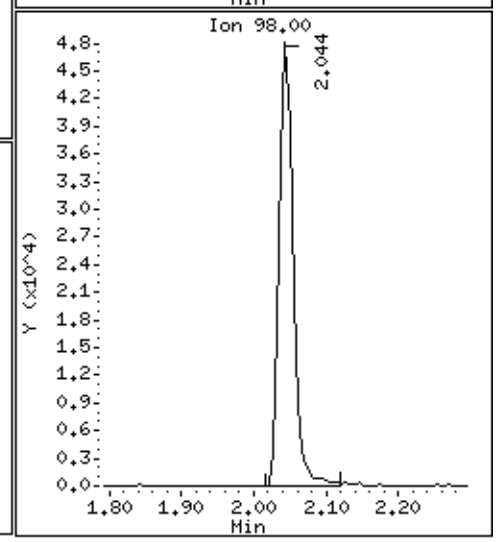












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d

Date : 06-OCT-2017 09:20

Client ID:

Instrument: 50mv3b.i

Sample Info: 5080760032

Purge Volume: 5.0

Operator: jlz

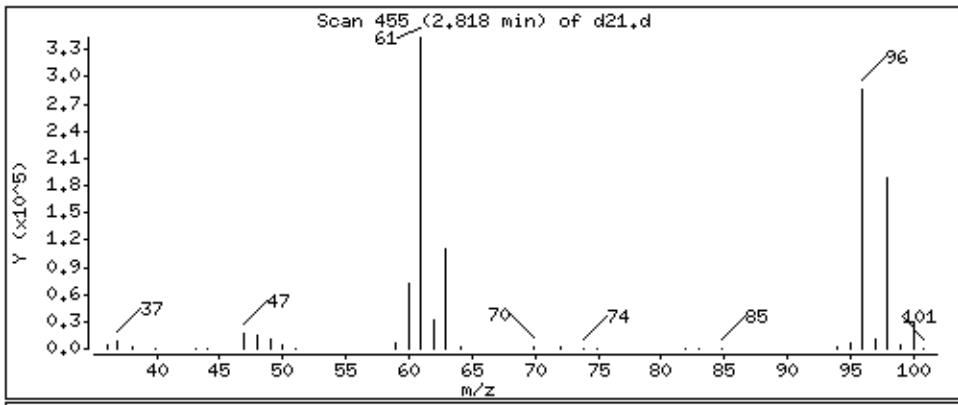
Column phase: DB-624

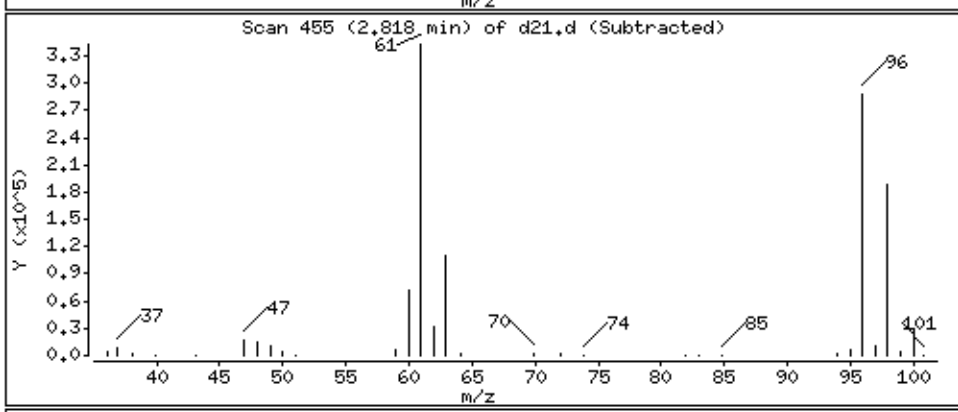
Column diameter: 0.18

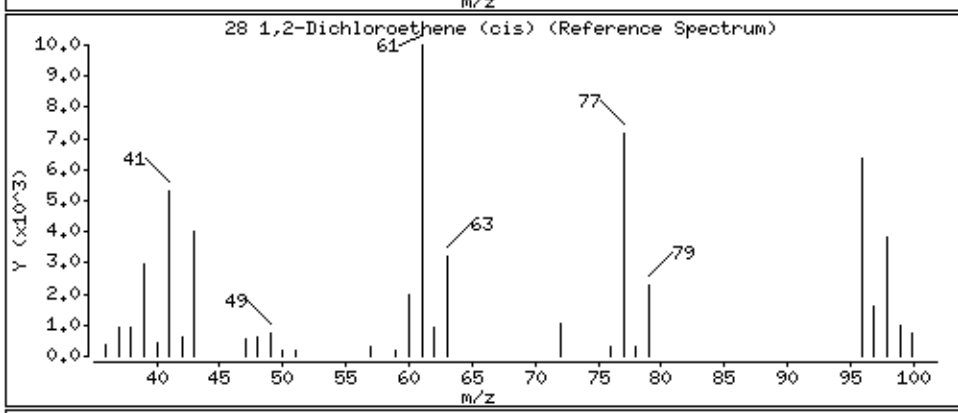
28 1,2-Dichloroethene (cis)

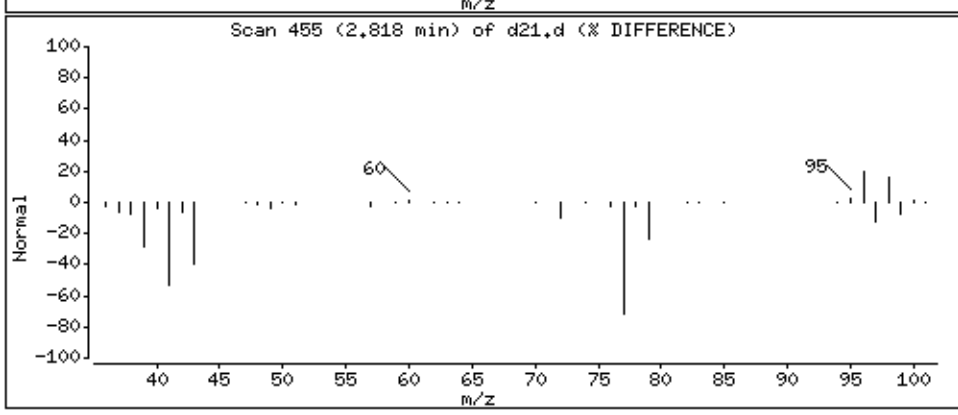
Concentration: 250 ppb

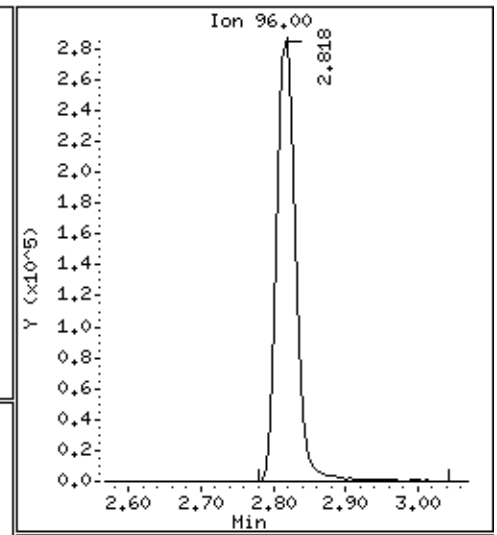
Review Code:

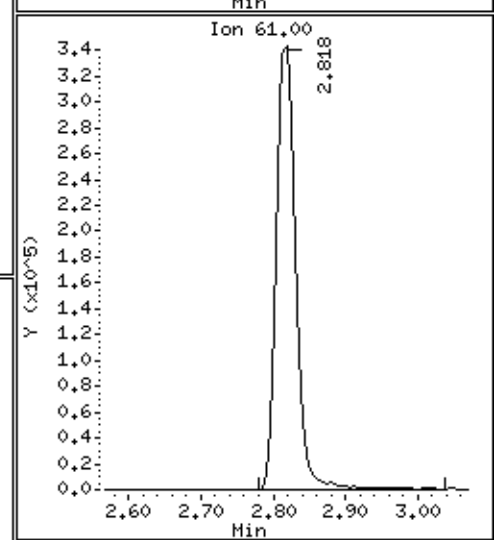


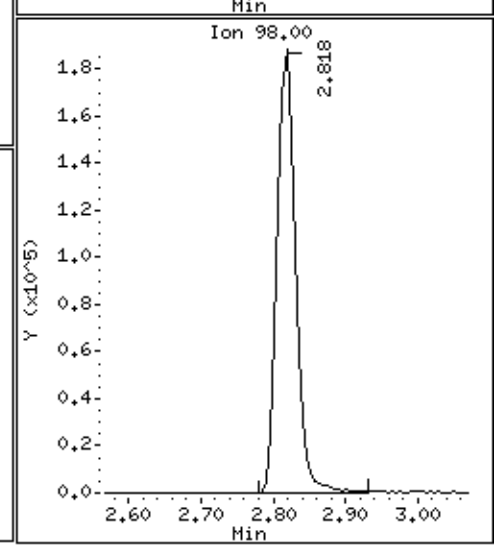












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d21.d

Date : 06-OCT-2017 09:20

Client ID:

Instrument: 50mv3b.i

Sample Info: 5080760032

Purge Volume: 5.0

Operator: jlz

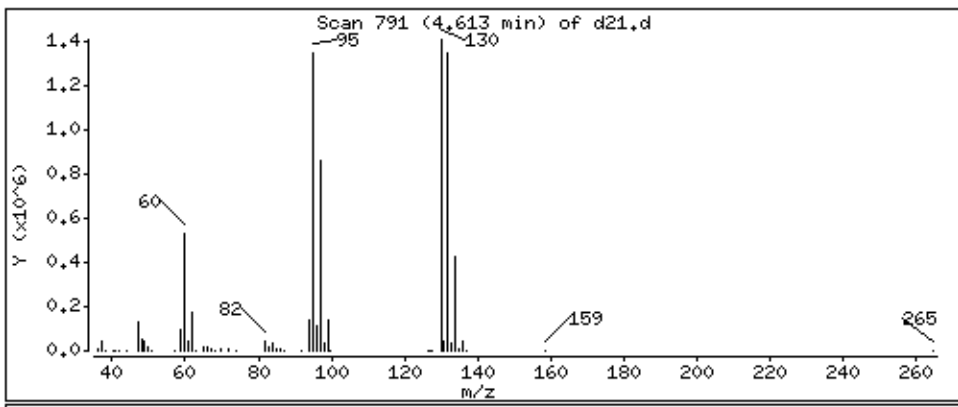
Column phase: DB-624

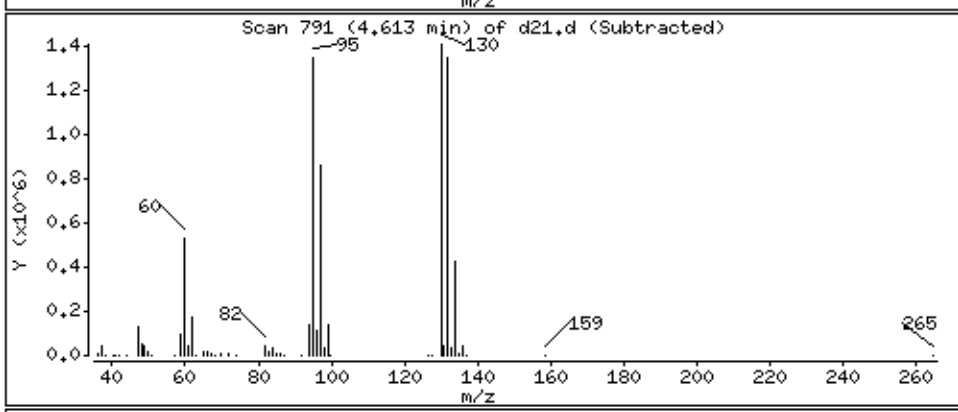
Column diameter: 0.18

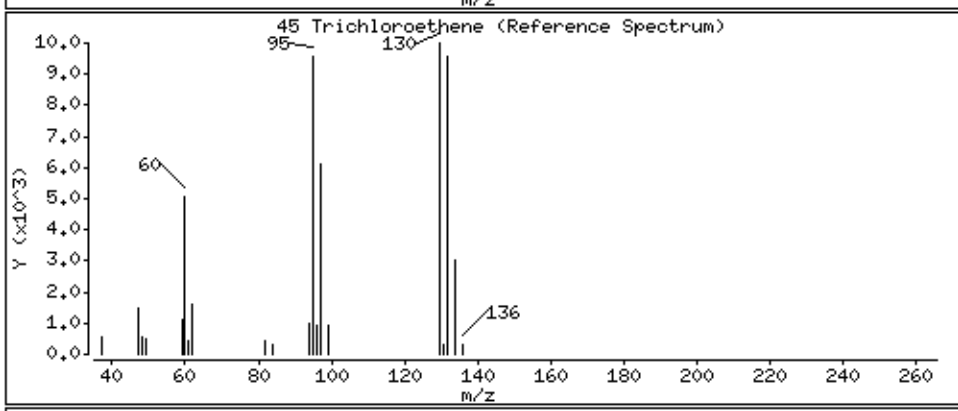
45 Trichloroethene

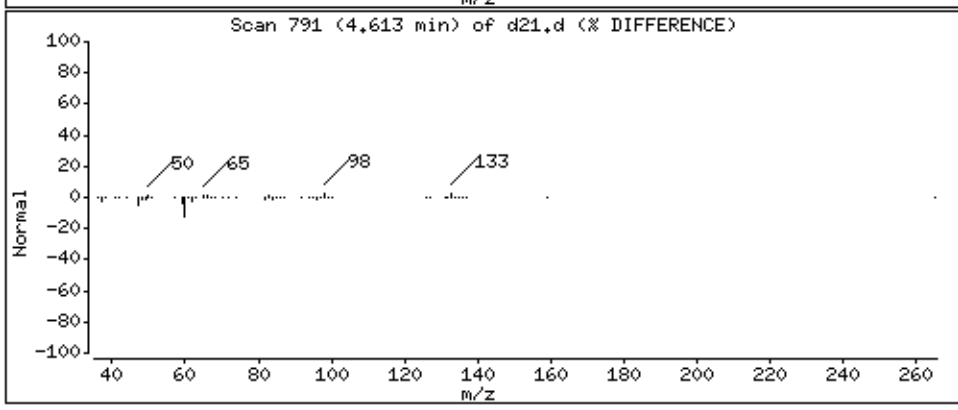
Concentration: 1350 ppb

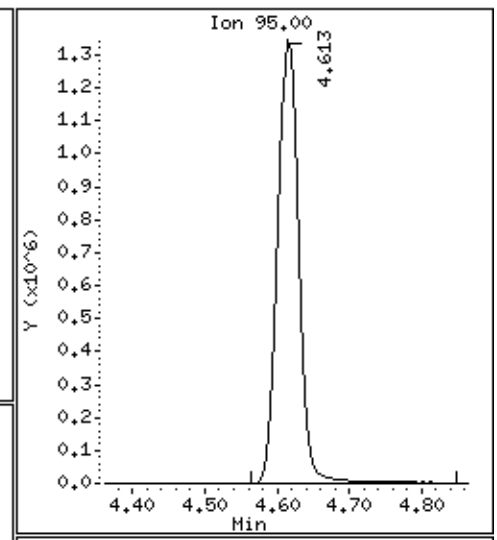
Review Code:

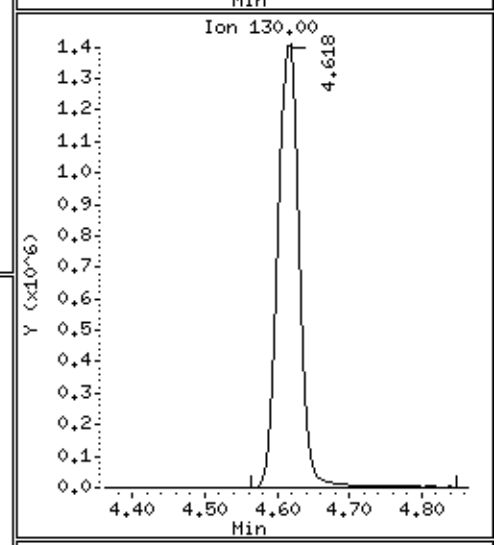


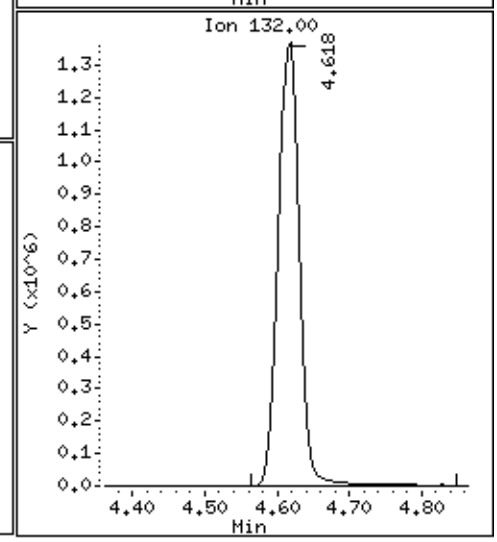












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d21.d
Injection Date: 06-OCT-2017 09:20
Instrument: 50mv3b.i
Lab Sample ID: 5080760032
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0606-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 19:21 Lab Sample ID: 50180760032

Date Analyzed: 10/10/2017 19:21 Lab File ID: B101017.B\B15.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 25 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	1470	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d
Lab Smp Id: 50180760032 Client Smp ID: MW-0606-S1 (092717)
Inj Date : 10-OCT-2017 19:21
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760032x25
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 32
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	25.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
15 Methyl Acetate	43	1.785	1.780	(0.429)	11662	20.2388	506	
22 1,2-Dichloroethene (trans)	96	2.046	2.041	(0.492)	4017	2.23783	55.9	
28 1,2-Dichloroethene (cis)	96	2.821	2.816	(0.678)	20173	10.6972	267(Q)	
$ 35 Dibromofluoromethane (S)	113	3.334	3.334	(0.801)	64563	48.6384	48.6	
* 44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	275638	50.0000		
45 Trichloroethene	95	4.615	4.610	(1.109)	109523	58.9990	1470	
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	285766	48.8335	48.8	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	221693	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.157	8.157	(1.112)	102353	46.5526	46.6	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	117052	50.0000		

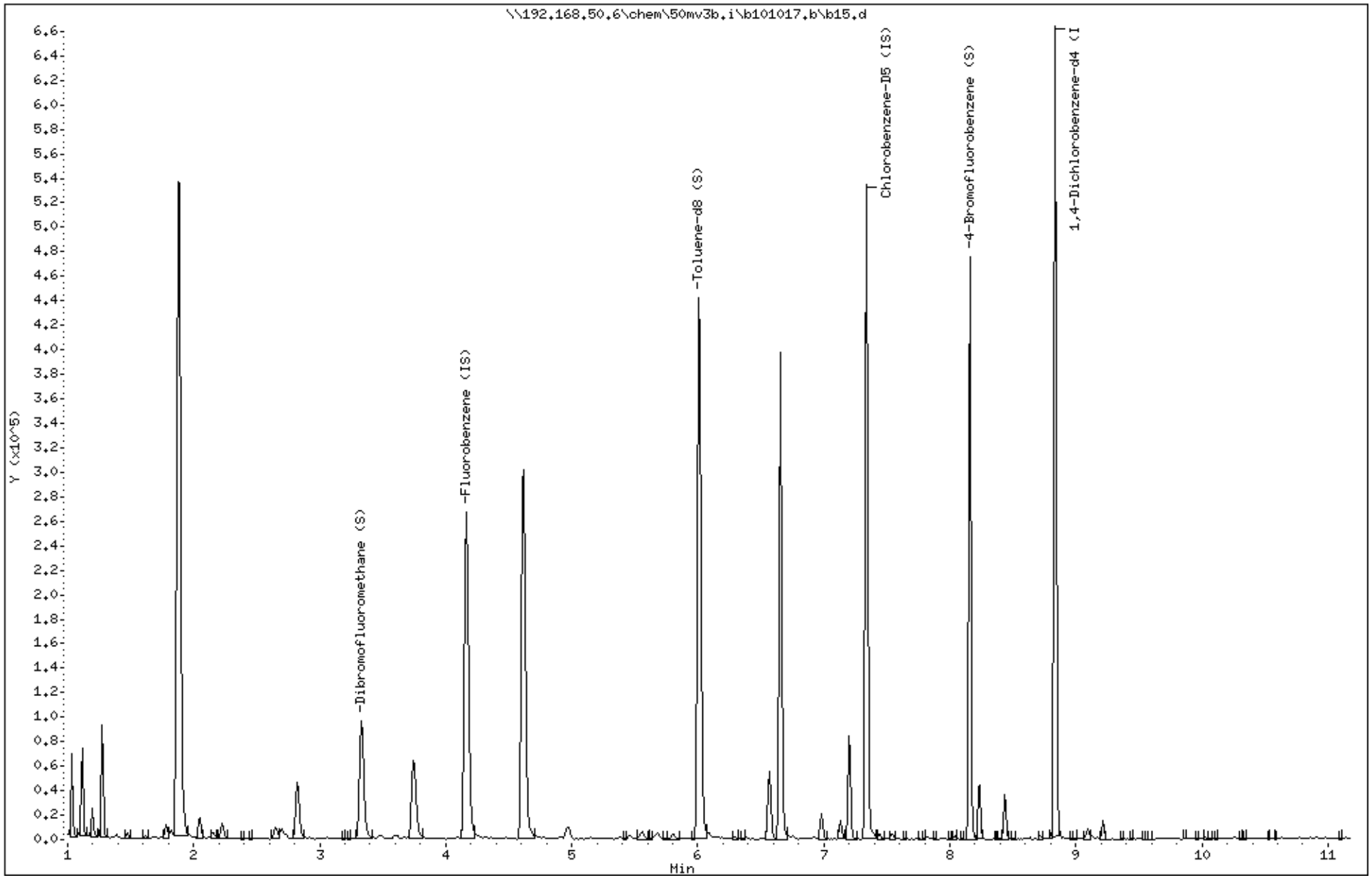
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d
Date : 10-OCT-2017 19:21
Client ID: MW-0606-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760032x25
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d

Date : 10-OCT-2017 19:21

Client ID: MW-0606-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760032x25

Purge Volume: 5.0

Operator: jlz

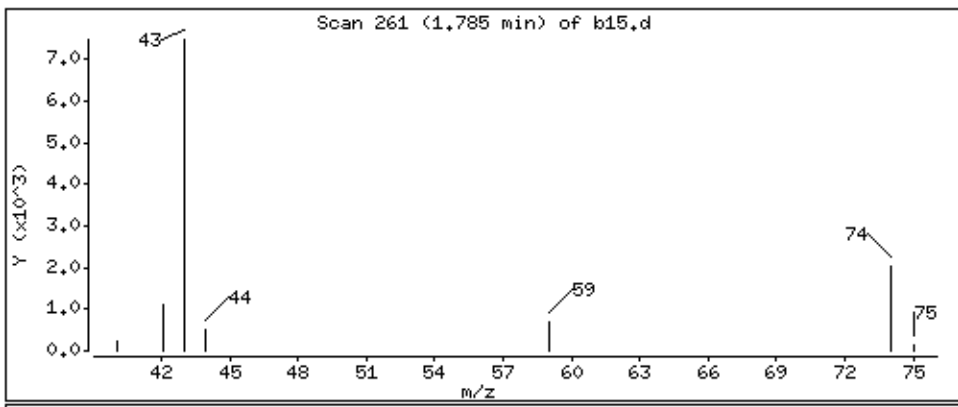
Column phase: DB-624

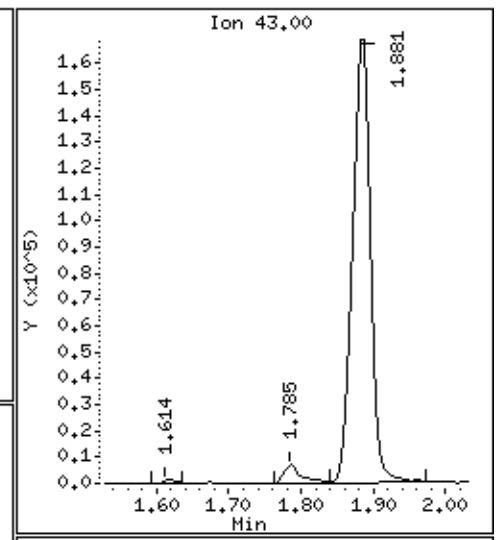
Column diameter: 0.18

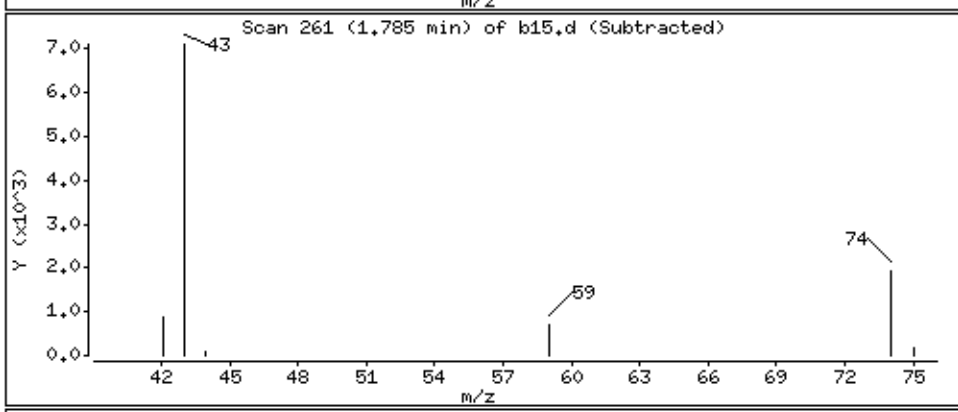
15 Methyl Acetate

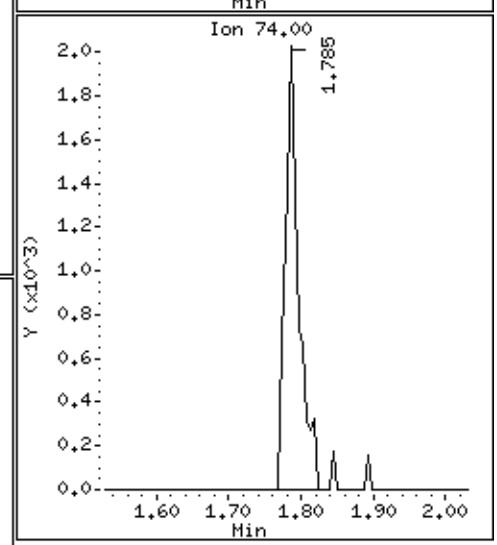
Concentration: 506 ppb

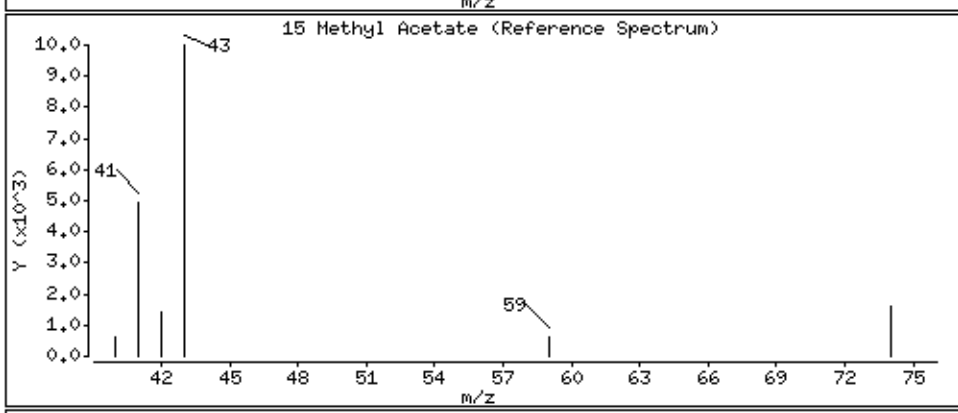
Review Code:

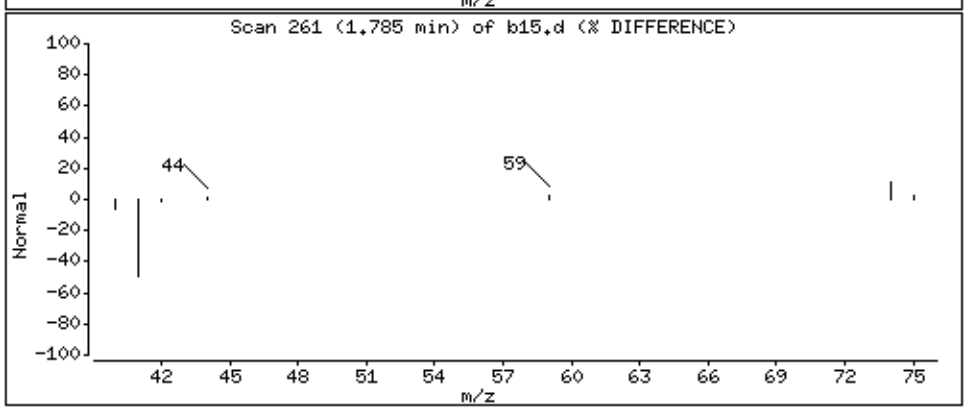












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d

Date : 10-OCT-2017 19:21

Client ID: MW-0606-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760032x25

Purge Volume: 5.0

Operator: jlz

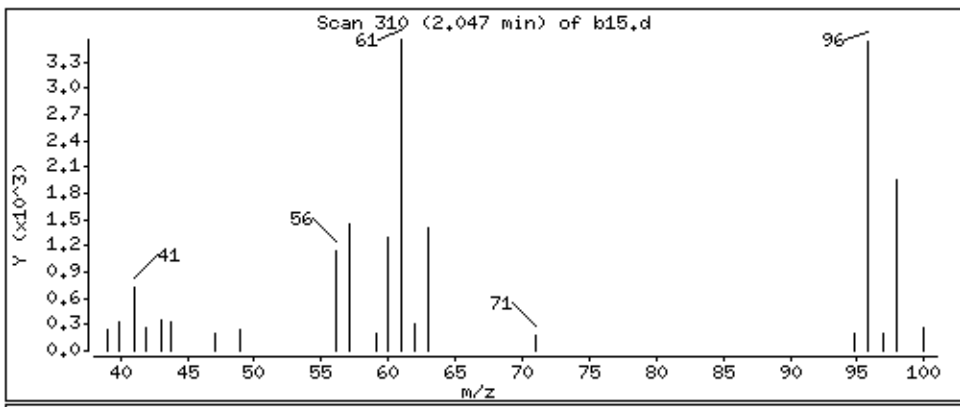
Column phase: DB-624

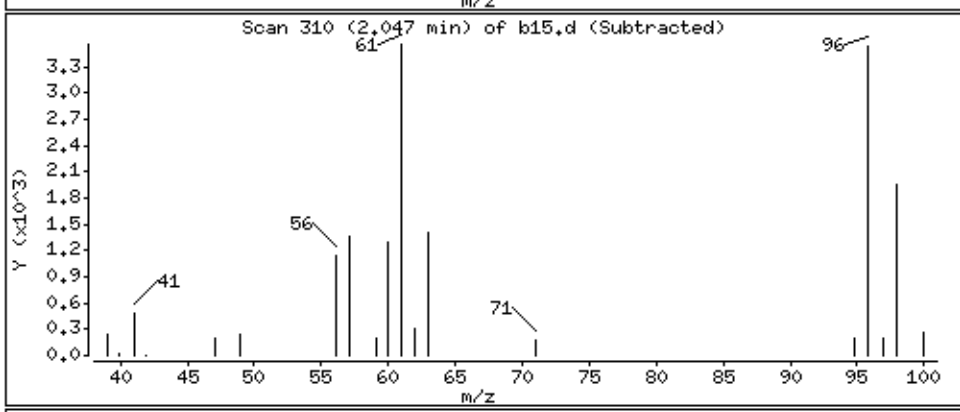
Column diameter: 0.18

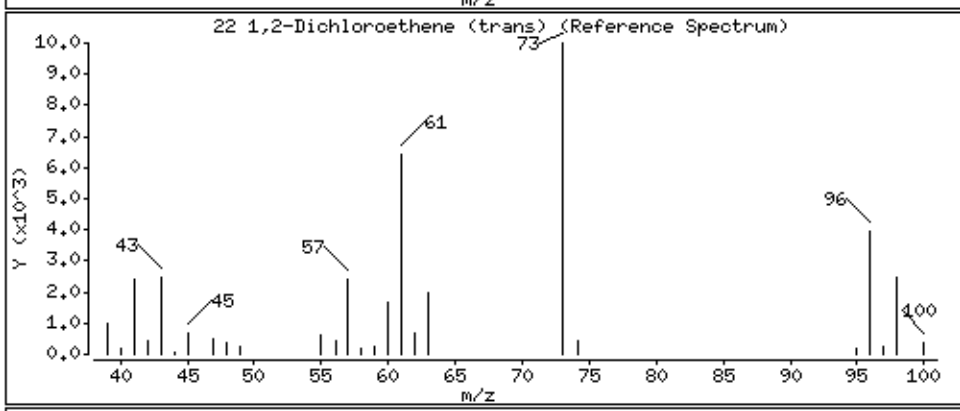
22 1,2-Dichloroethene (trans)

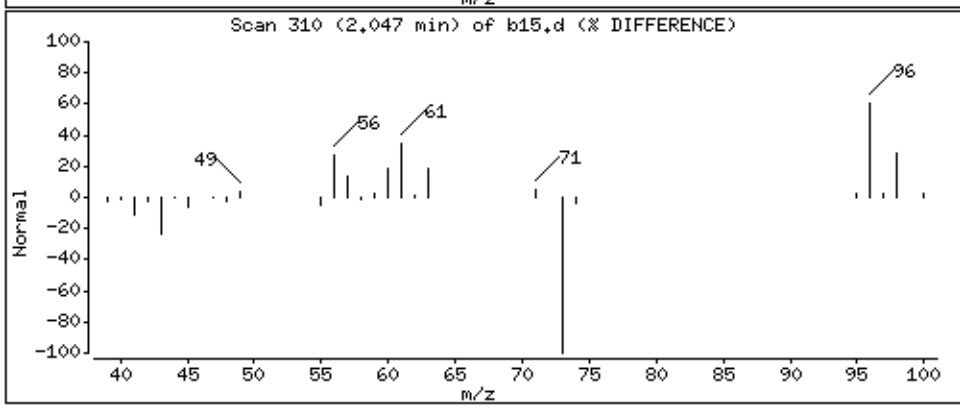
Concentration: 55.9 ppb

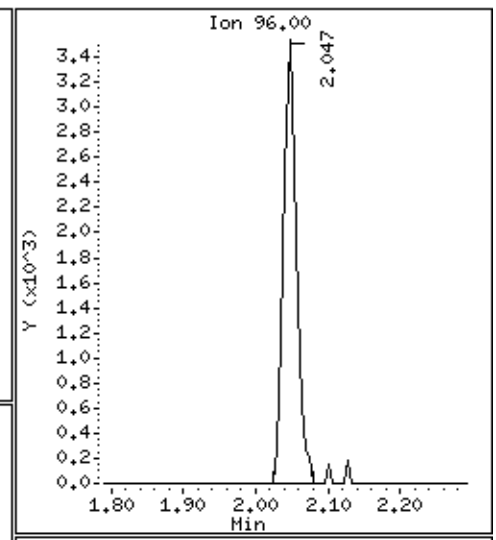
Review Code:

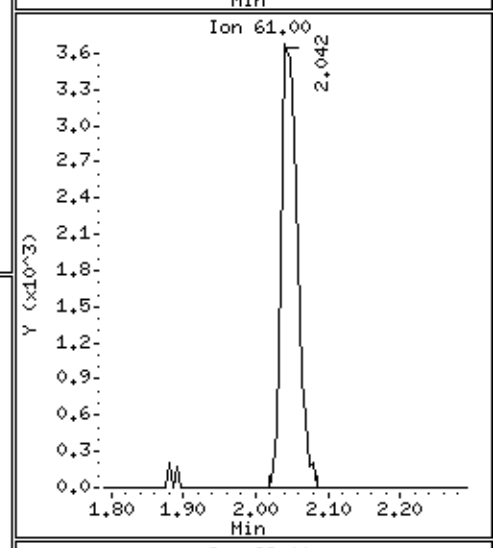


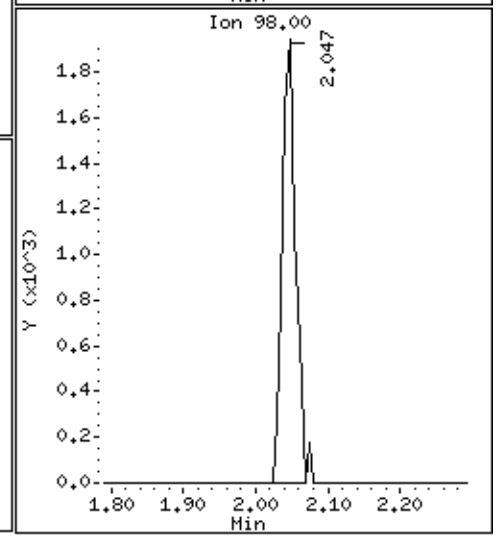












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d

Date : 10-OCT-2017 19:21

Client ID: MW-0606-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760032x25

Purge Volume: 5.0

Operator: jlz

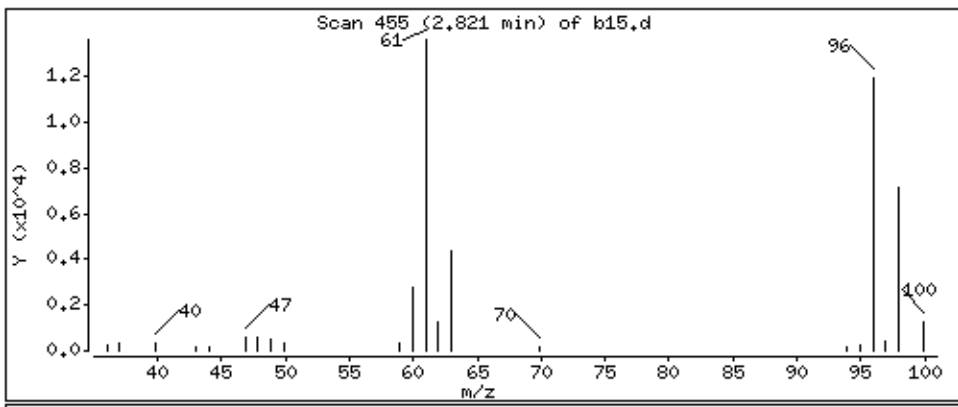
Column phase: DB-624

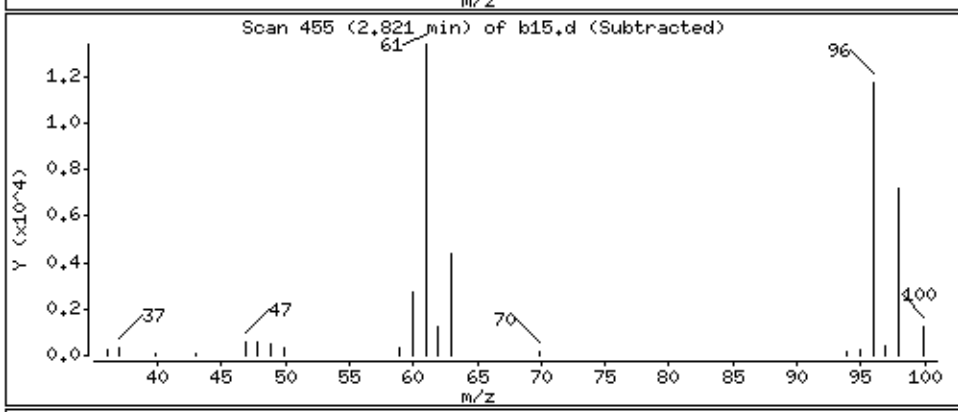
Column diameter: 0.18

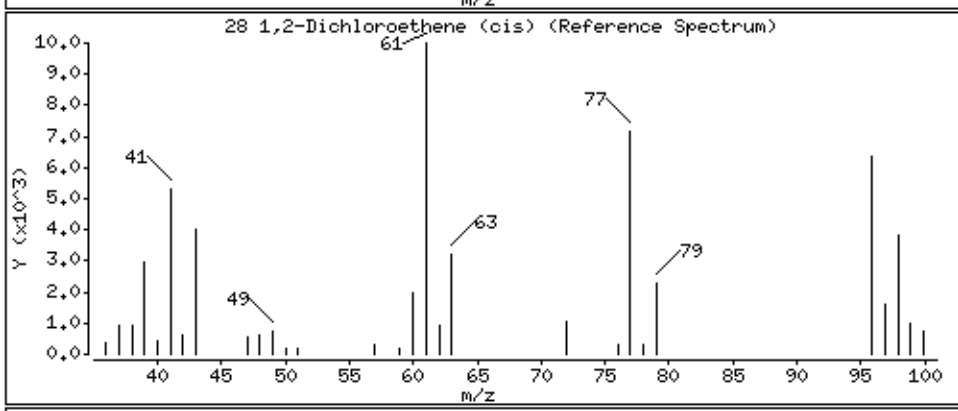
28 1,2-Dichloroethene (cis)

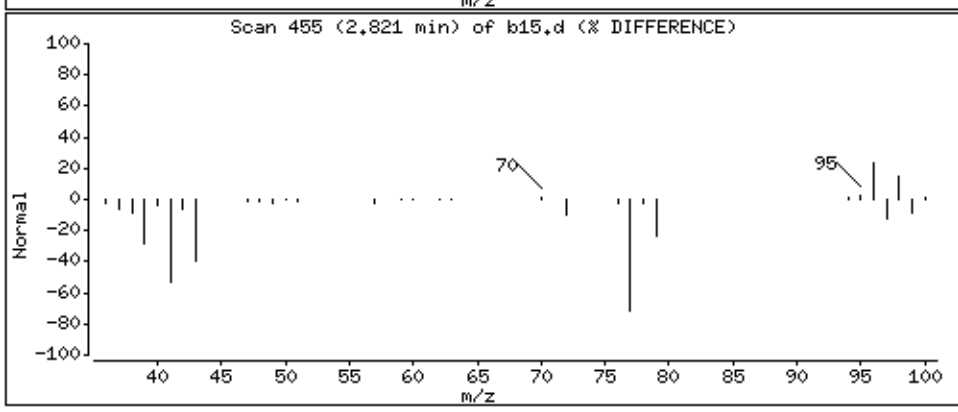
Concentration: 267 ppb

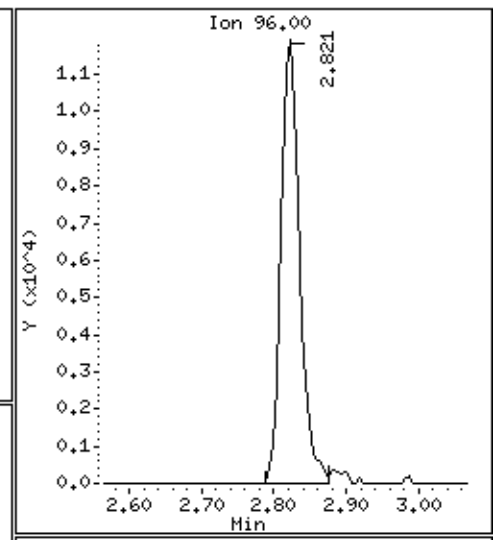
Review Code:

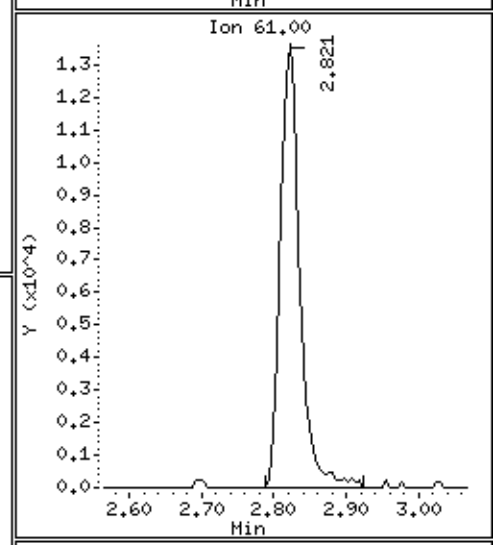


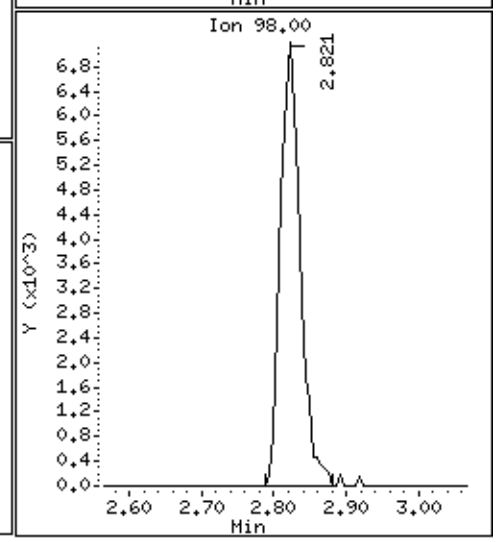












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b15.d

Date : 10-OCT-2017 19:21

Client ID: MW-0606-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760032x25

Purge Volume: 5.0

Operator: jlz

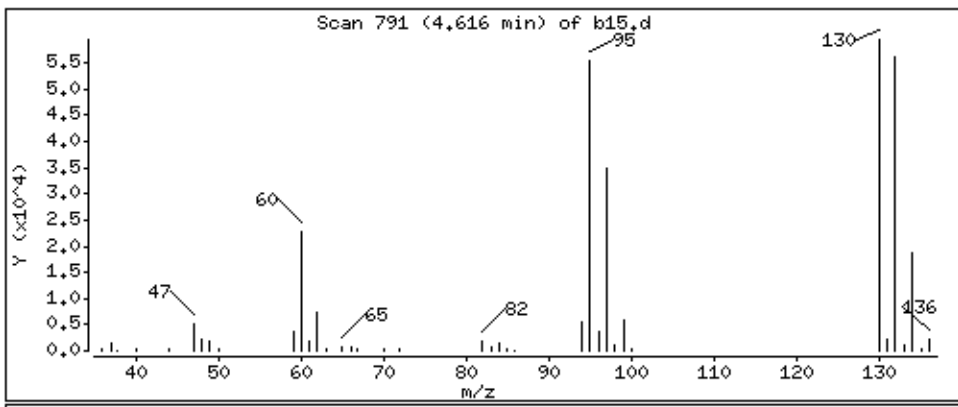
Column phase: DB-624

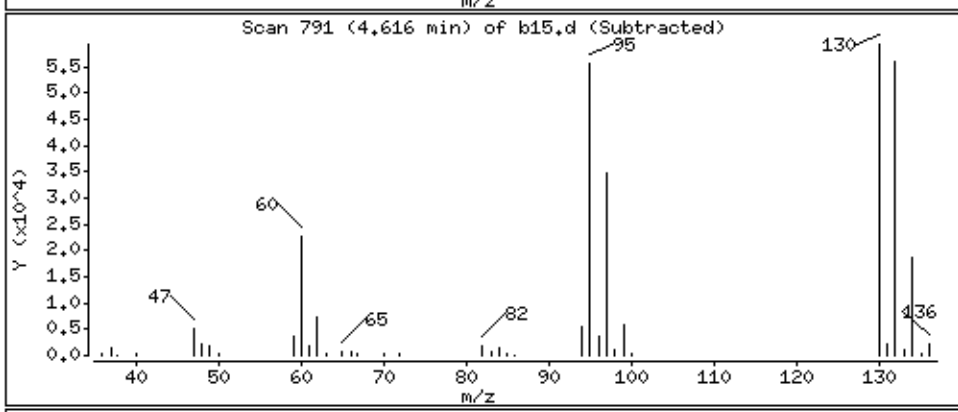
Column diameter: 0.18

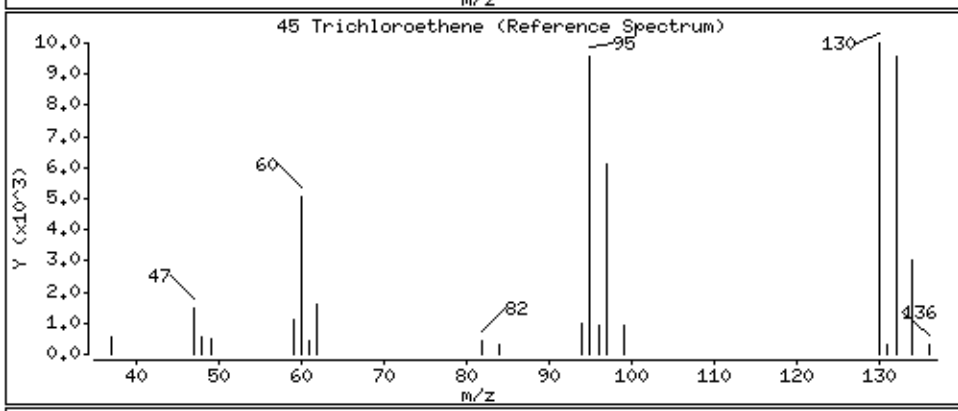
45 Trichloroethene

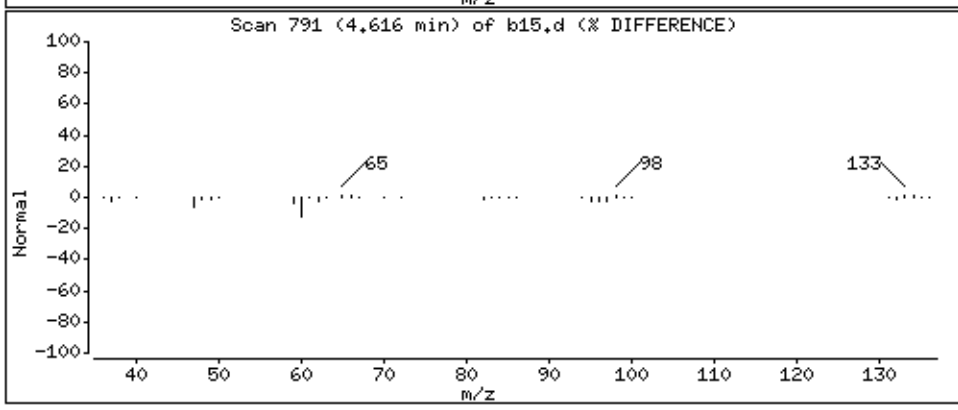
Concentration: 1470 ppb

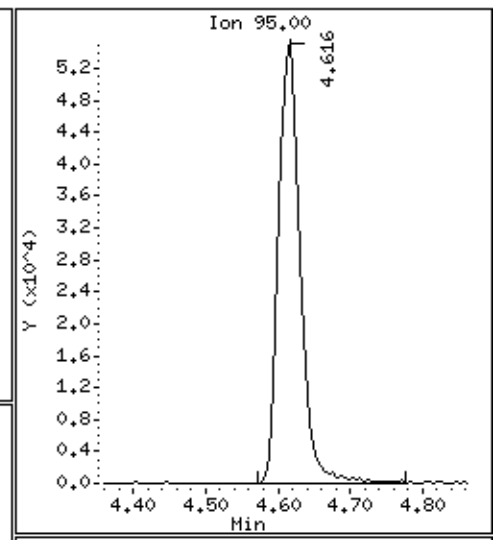
Review Code:

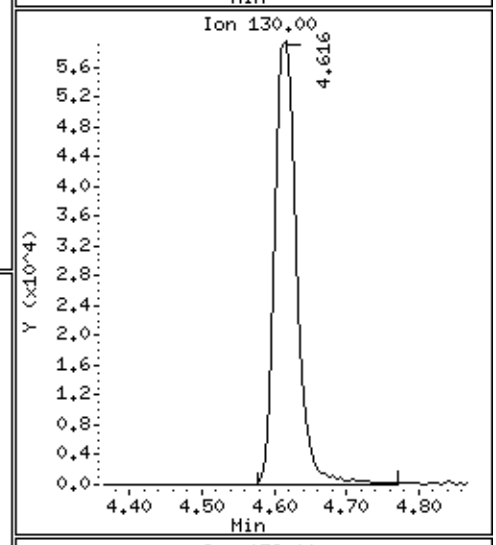


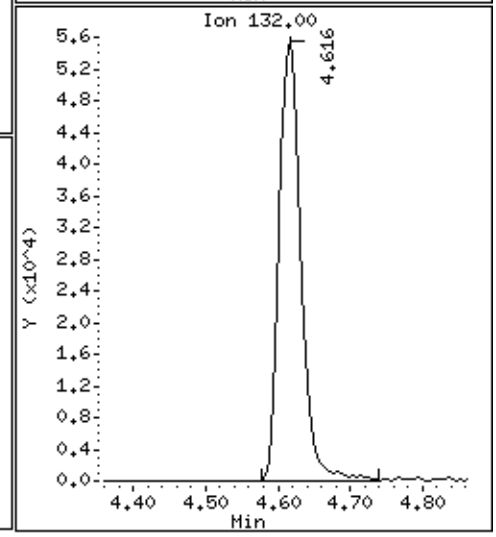












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b15.d
Injection Date: 10-OCT-2017 19:21
Instrument: 50mv3b.i
Lab Sample ID: 50180760032
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0704-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:52 Lab Sample ID: 50180760033

Date Analyzed: 10/06/2017 09:52 Lab File ID: B100517.B\D22.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	614	
156-60-5	trans-1,2-Dichloroethene	83.0	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0704-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 09:52 Lab Sample ID: 50180760033

Date Analyzed: 10/06/2017 09:52 Lab File ID: B100517.B\D22.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d22.d
Lab Smp Id: 50180760033 Client Smp ID: MW-0704-S1 (092717)
Inj Date : 06-OCT-2017 09:52
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760033x5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 92
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

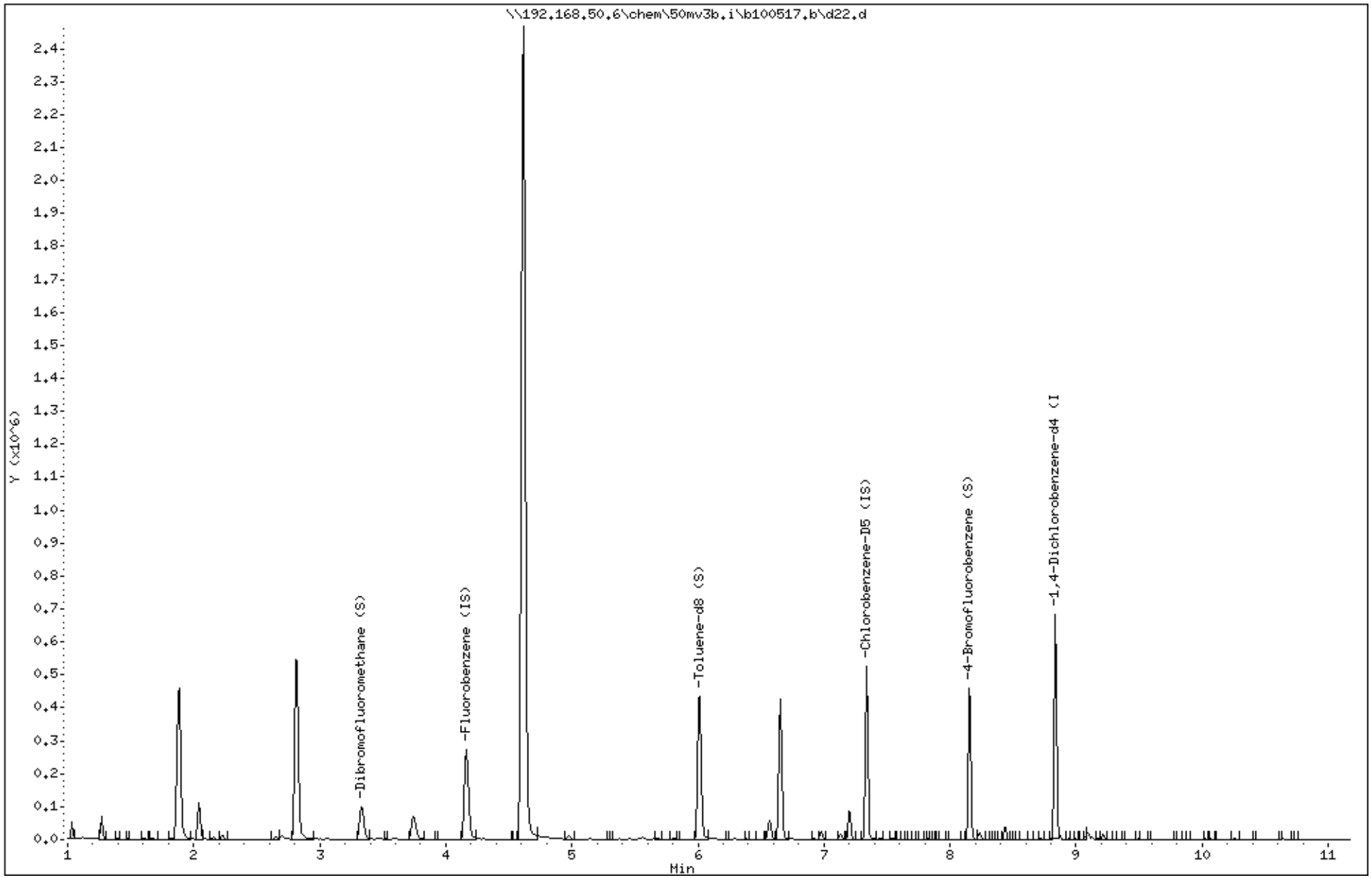
Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
22 1,2-Dichloroethene (trans)	96	2.039	2.043	(0.490)	30485	16.5948	83.0	
28 1,2-Dichloroethene (cis)	96	2.819	2.818	(0.678)	236907	122.755	614	
$ 35 Dibromofluoromethane (S)	113	3.332	3.330	(0.801)	65638	48.3183	48.3	
* 44 Fluorobenzene (IS)	96	4.159	4.164	(1.000)	282084	50.0000		
45 Trichloroethene	95	4.613	4.612	(1.109)	848295	446.526	2230	
$ 55 Toluene-d8 (S)	98	6.013	6.012	(0.819)	284239	49.2305	49.2	
* 65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	218730	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.155	8.153	(1.111)	101812	46.9338	46.9	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.832	(1.000)	115223	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d22.d
Date : 06-OCT-2017 09:52
Client ID: MW-0704-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760033x5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d22.d

Date : 06-OCT-2017 09:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x5

Purge Volume: 5.0

Operator: jlz

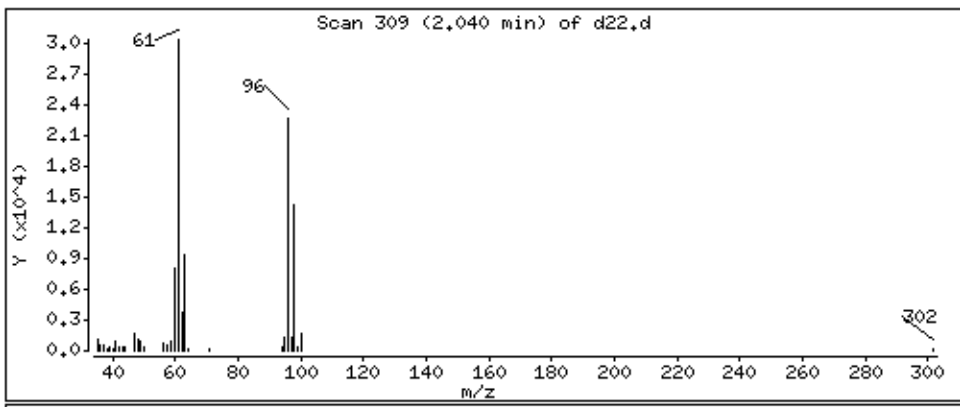
Column phase: DB-624

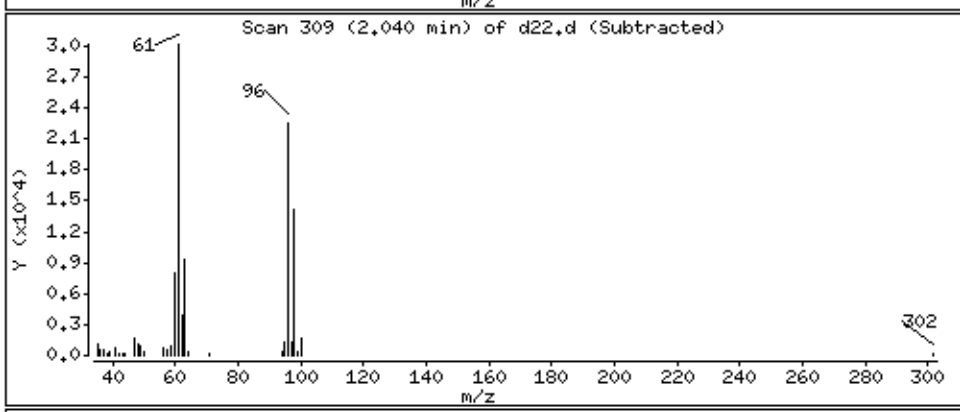
Column diameter: 0.18

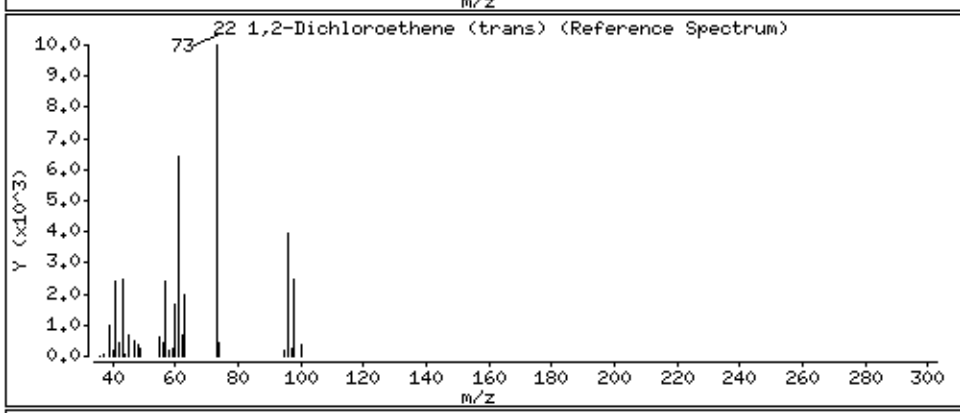
22 1,2-Dichloroethene (trans)

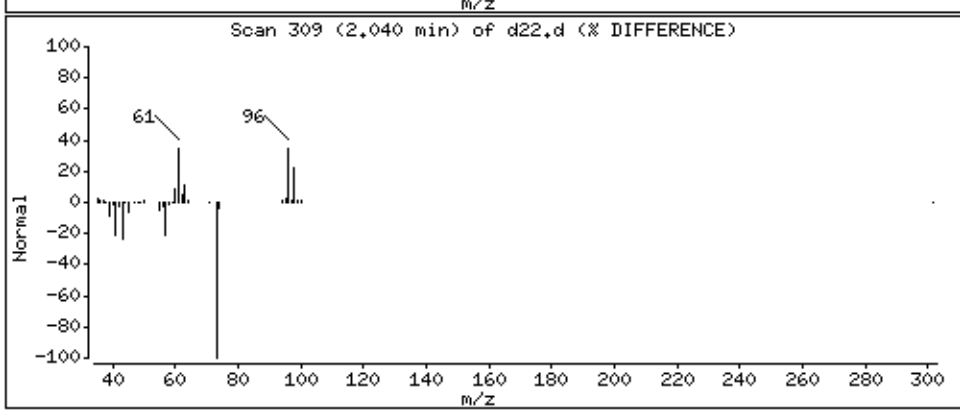
Concentration: 83.0 ppb

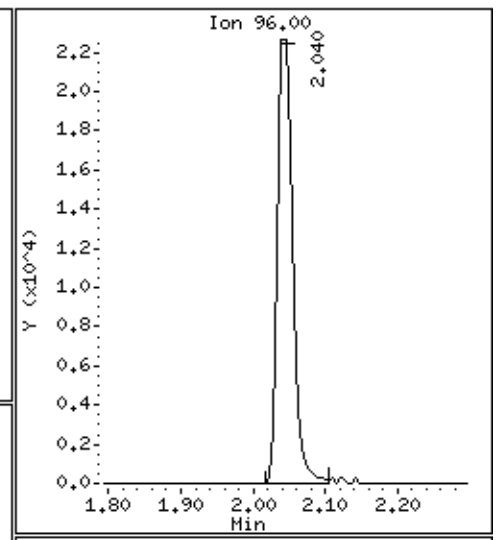
Review Code:

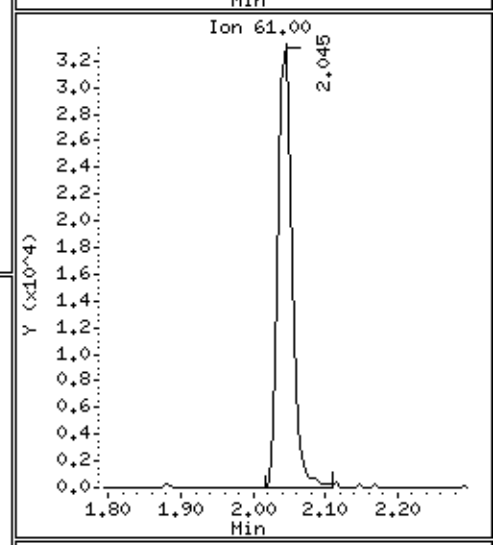


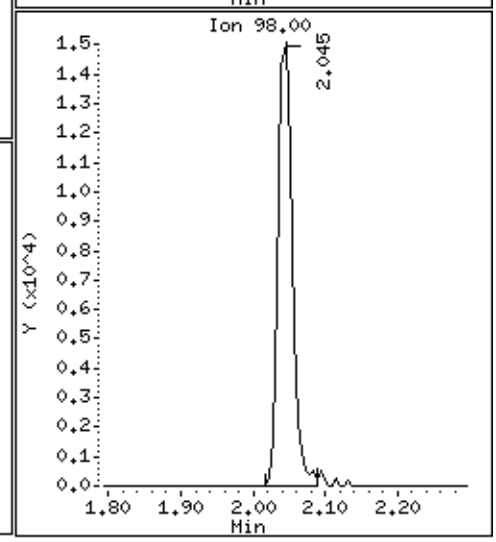












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d22.d

Date : 06-OCT-2017 09:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x5

Purge Volume: 5.0

Operator: jlz

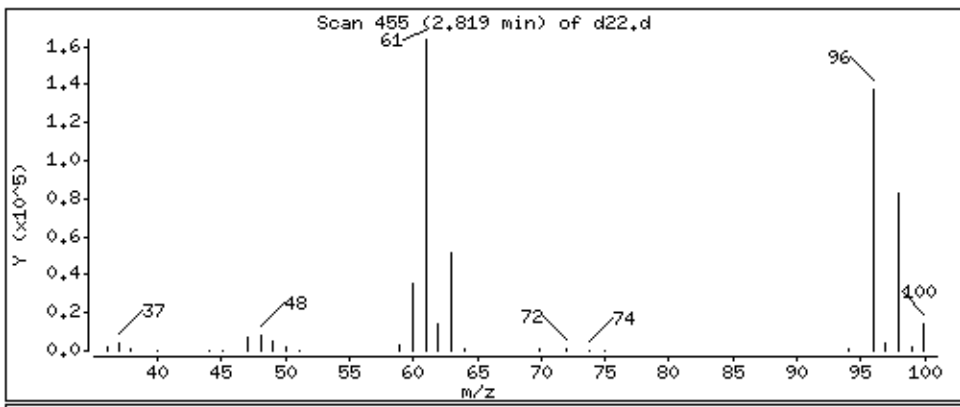
Column phase: DB-624

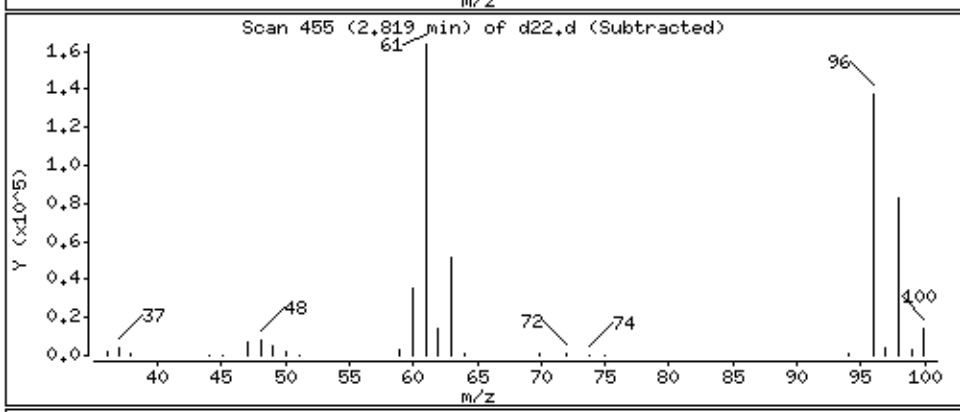
Column diameter: 0.18

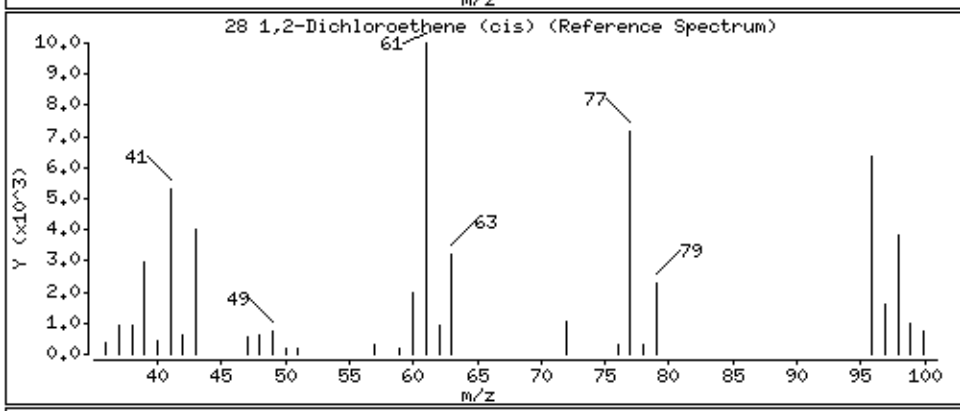
28 1,2-Dichloroethene (cis)

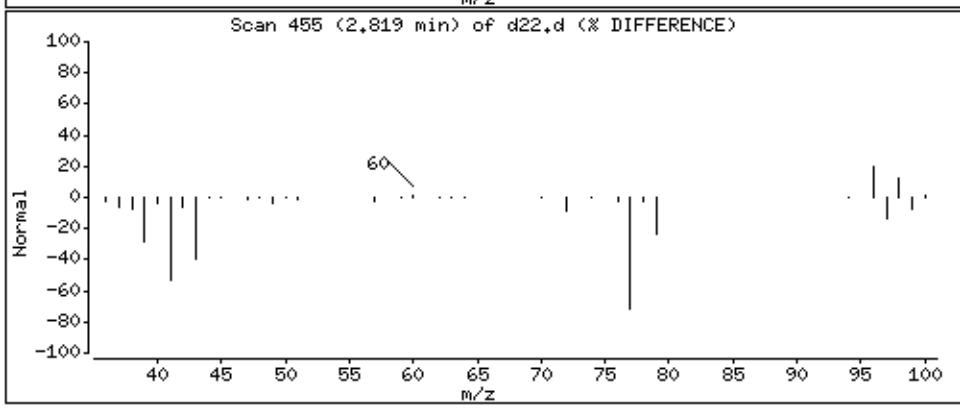
Concentration: 614 ppb

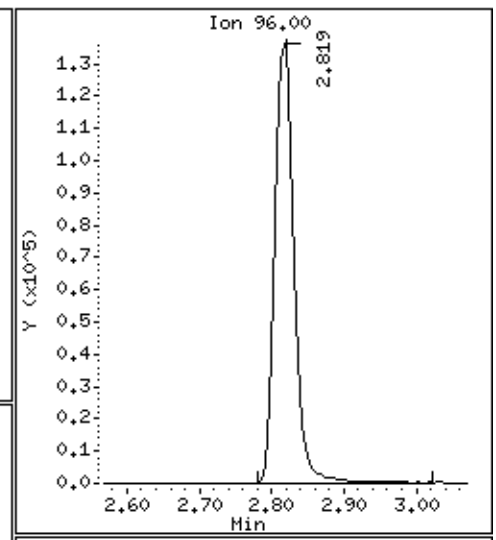
Review Code:

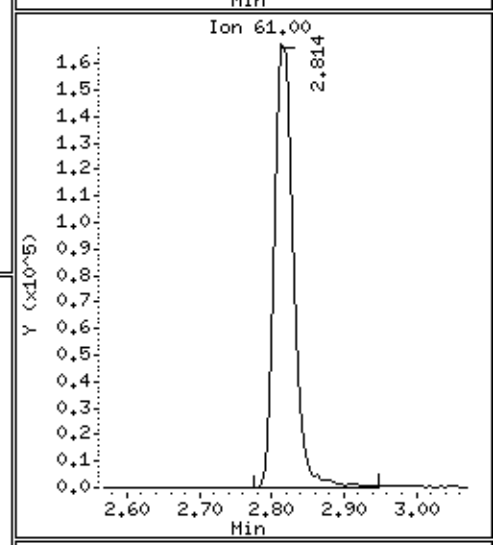


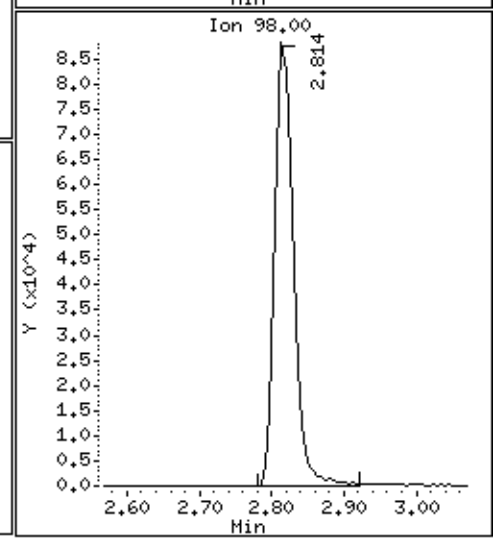












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d22.d

Date : 06-OCT-2017 09:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x5

Purge Volume: 5.0

Operator: jlz

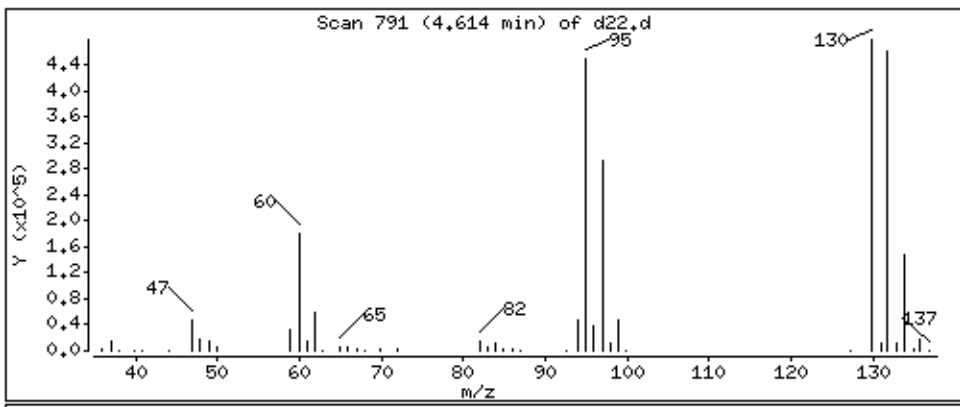
Column phase: DB-624

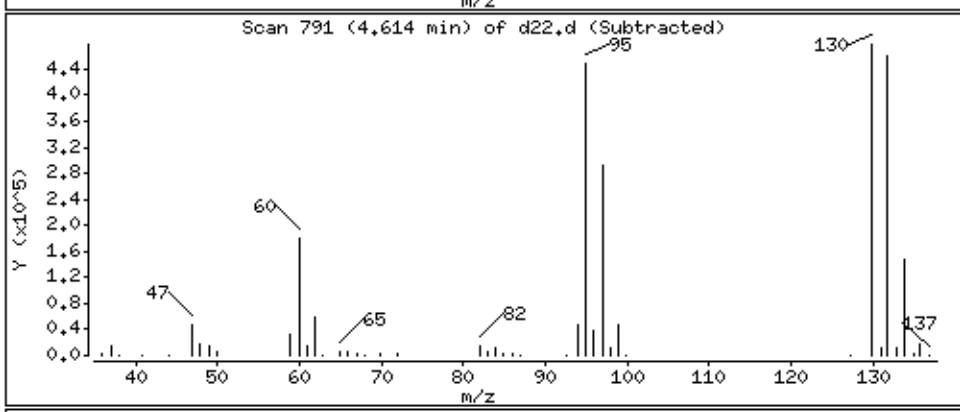
Column diameter: 0.18

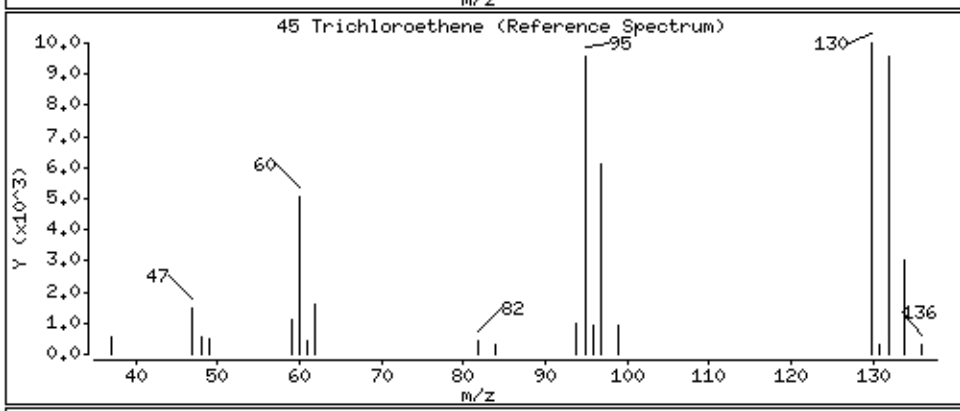
45 Trichloroethene

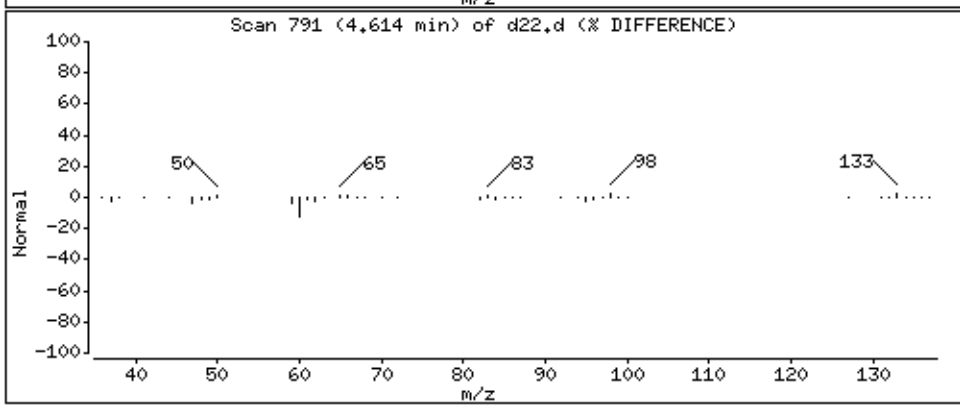
Concentration: 2230 ppb

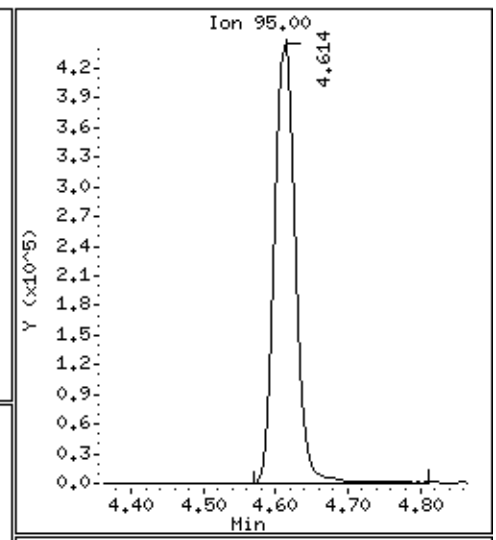
Review Code:

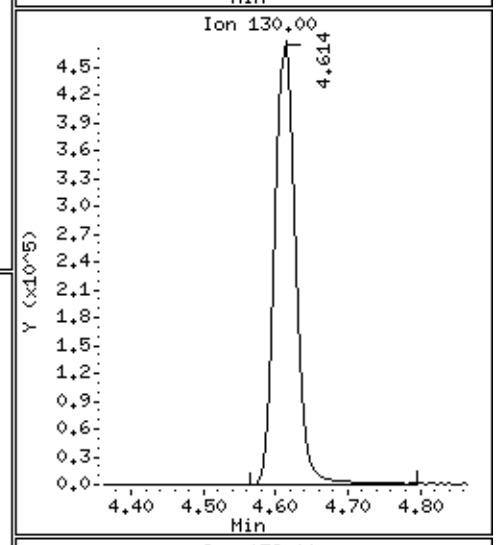


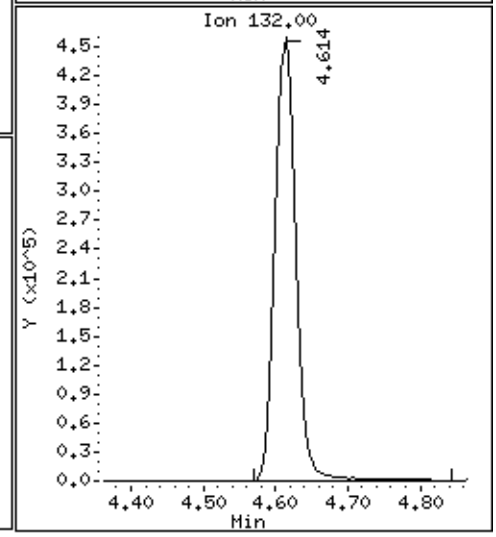












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d22.d
Injection Date: 06-OCT-2017 09:52
Instrument: 50mv3b.i
Lab Sample ID: 50180760033
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0704-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 19:52 Lab Sample ID: 50180760033

Date Analyzed: 10/10/2017 19:52 Lab File ID: B101017.B\B16.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 50 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-01-6	Trichloroethene	2150	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d
Lab Smp Id: 50180760033 Client Smp ID: MW-0704-S1 (092717)
Inj Date : 10-OCT-2017 19:52
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760033x50
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 34
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	50.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.477	1.475	(0.355)	1376	1.80283	90.1	
15 Methyl Acetate	43	1.781	1.780	(0.428)	14276	24.5002	1220	
22 1,2-Dichloroethene (trans)	96	2.048	2.041	(0.492)	2650	1.50500	75.2	
28 1,2-Dichloroethene (cis)	96	2.823	2.816	(0.678)	22547	12.1886	609(Q)	
$ 35 Dibromofluoromethane (S)	113	3.330	3.334	(0.800)	64694	49.6848	49.7	
* 44 Fluorobenzene (IS)	96	4.163	4.162	(1.000)	270380	50.0000		
45 Trichloroethene	95	4.612	4.610	(1.108)	78203	42.9464	2150	
$ 55 Toluene-d8 (S)	98	6.011	6.010	(0.819)	277790	47.2979	47.3	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	222502	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.158	8.157	(1.112)	100674	45.6225	45.6	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.835	(1.000)	116900	50.0000		

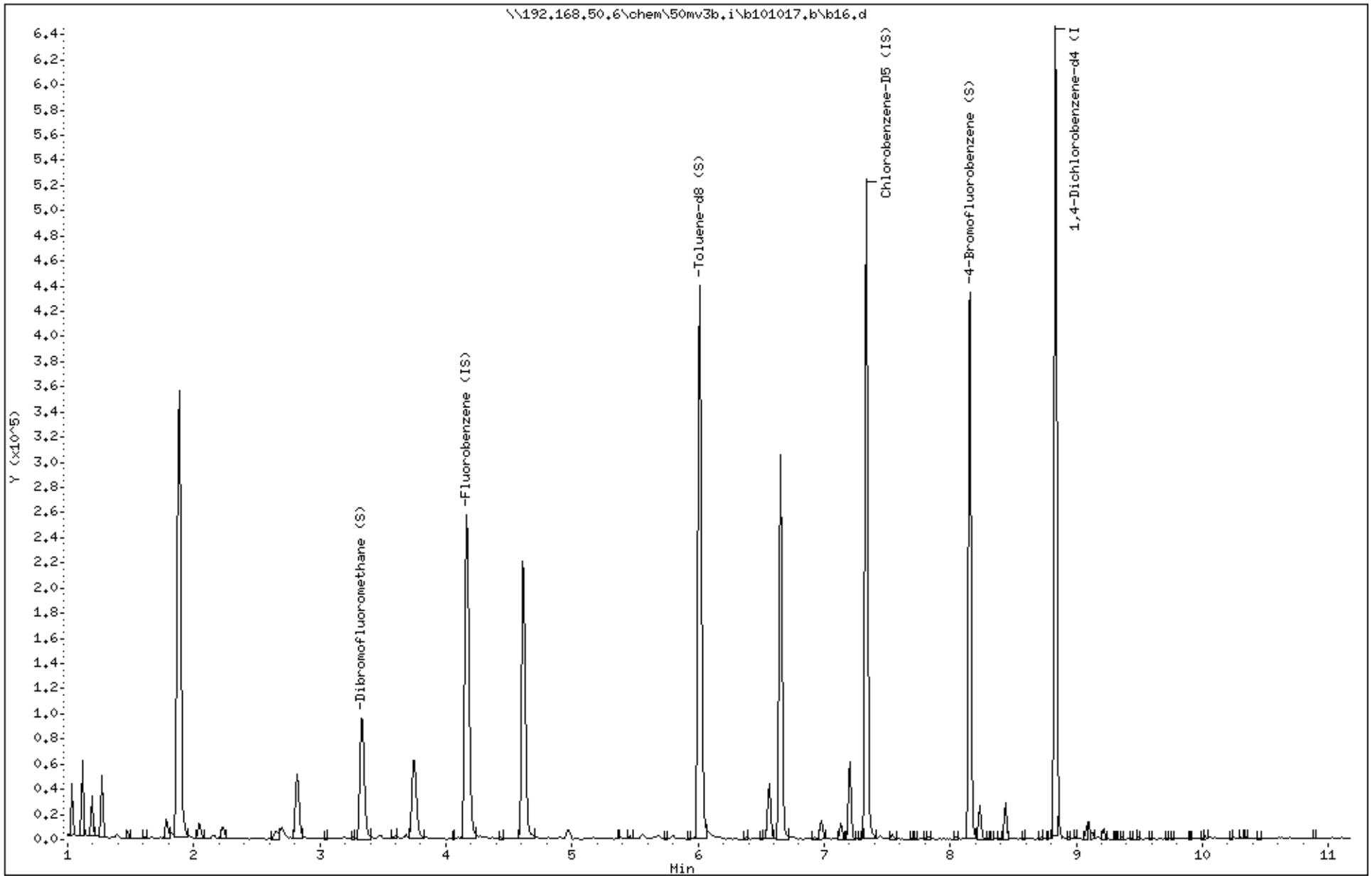
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d
Date : 10-OCT-2017 19:52
Client ID: MW-0704-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760033x50
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d

Date : 10-OCT-2017 19:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x50

Purge Volume: 5.0

Operator: jlz

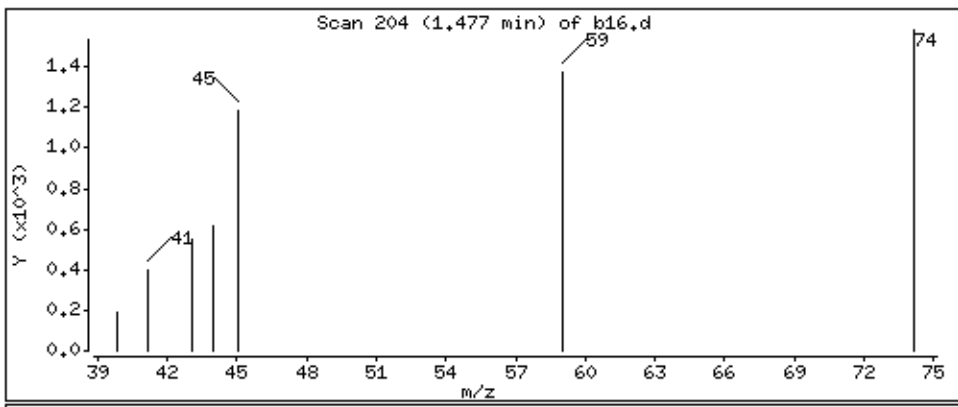
Column phase: DB-624

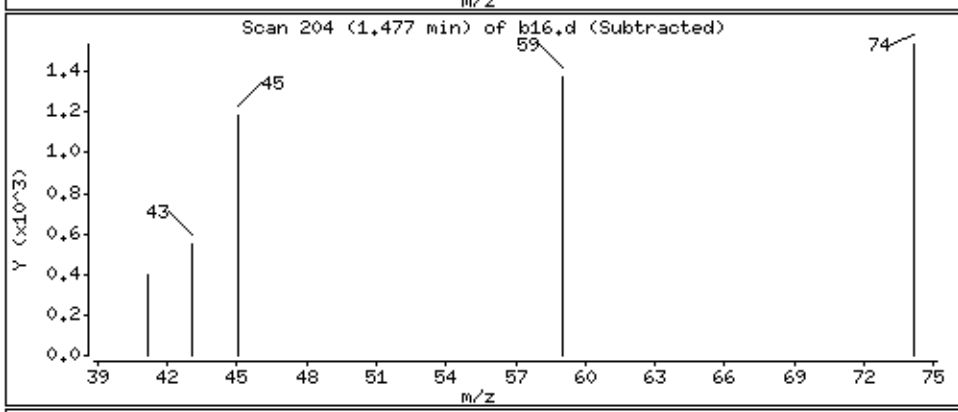
Column diameter: 0.18

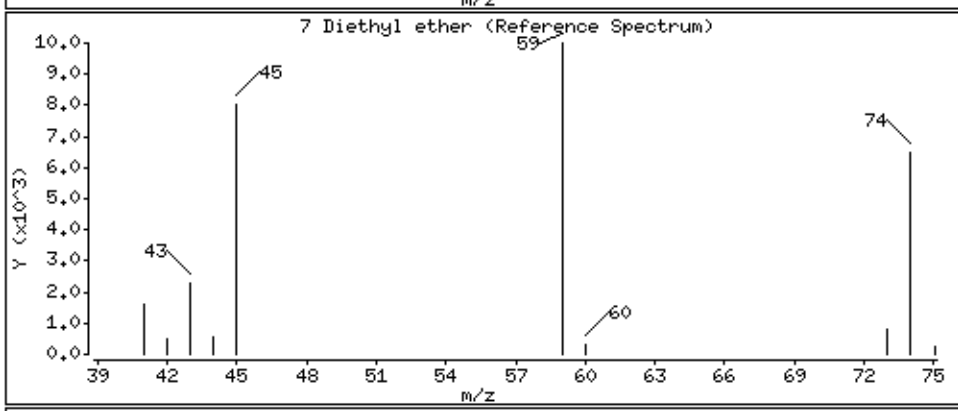
7 Diethyl ether

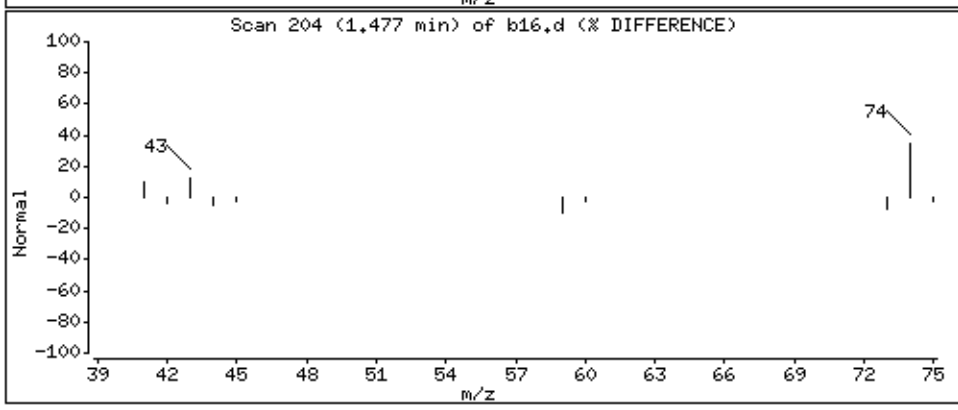
Concentration: 90.1 ppb

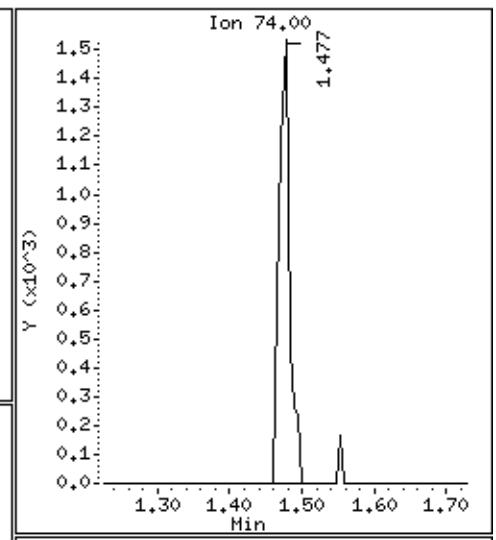
Review Code:

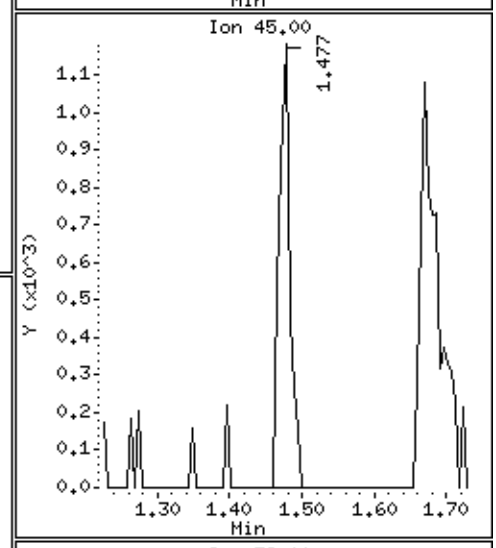


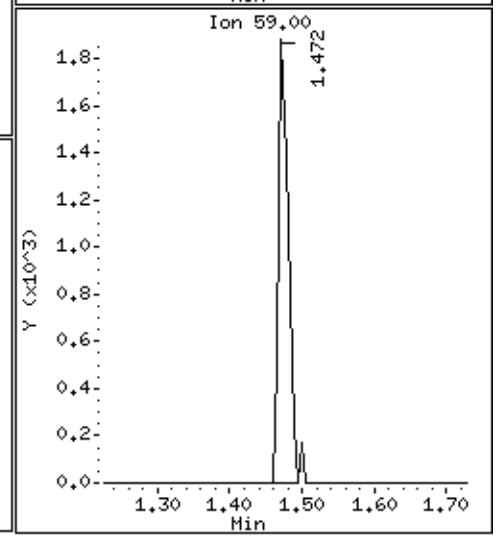












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d

Date : 10-OCT-2017 19:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x50

Purge Volume: 5.0

Operator: jlz

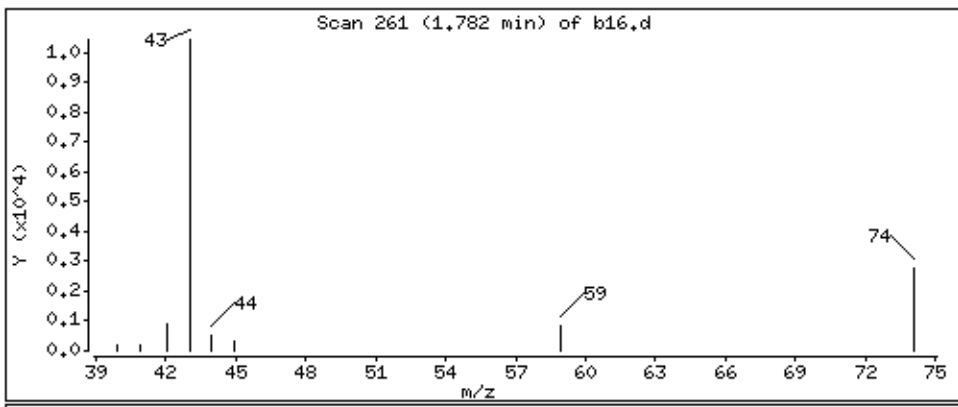
Column phase: DB-624

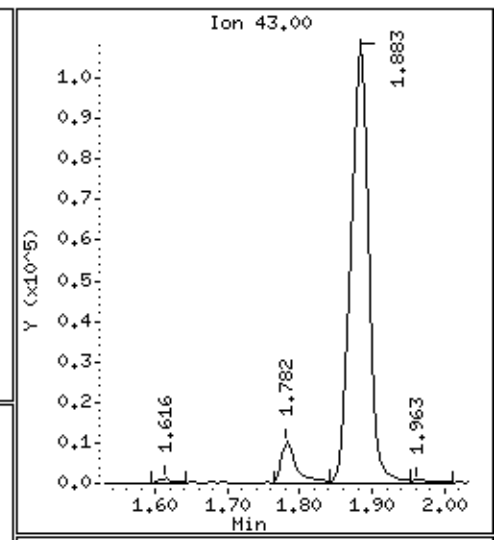
Column diameter: 0.18

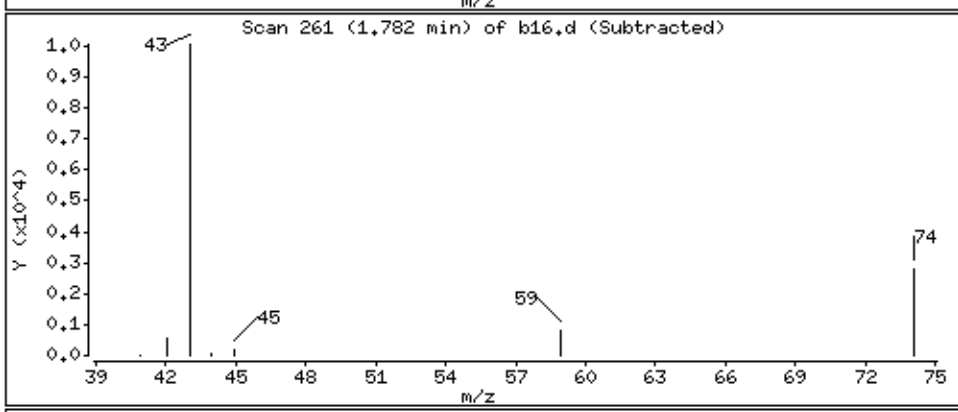
15 Methyl Acetate

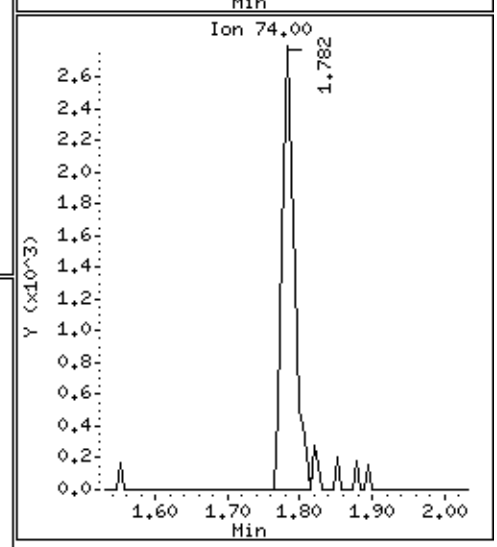
Concentration: 1220 ppb

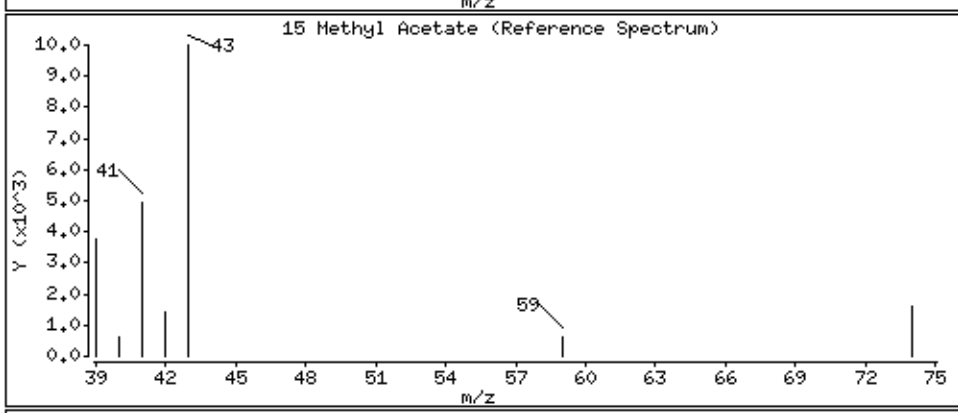
Review Code:

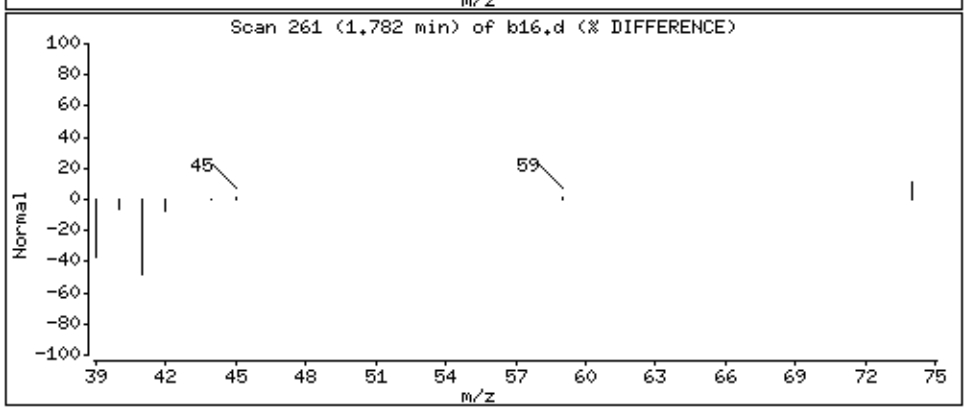












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d

Date : 10-OCT-2017 19:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x50

Purge Volume: 5.0

Operator: jlz

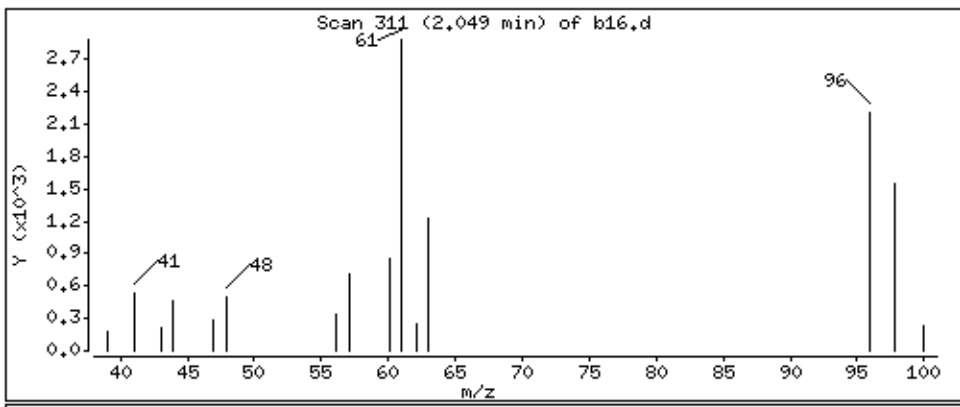
Column phase: DB-624

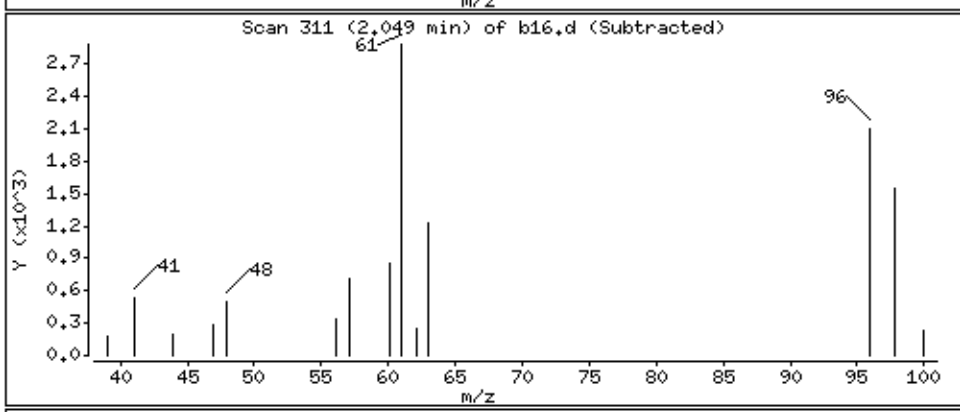
Column diameter: 0.18

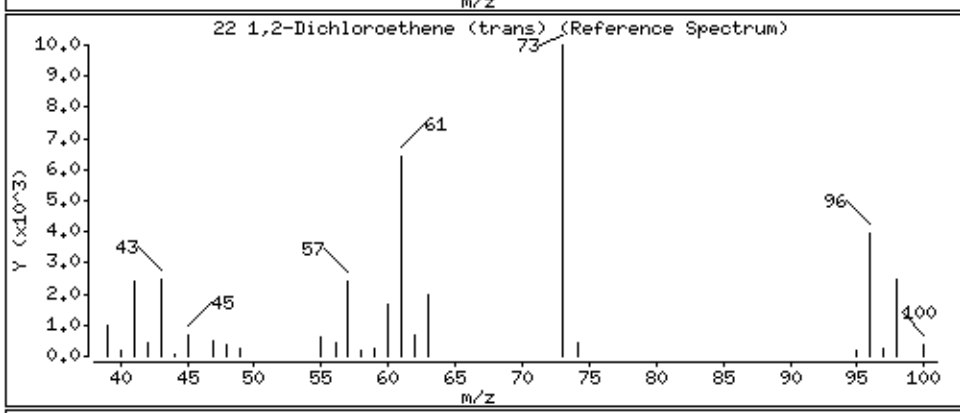
22 1,2-Dichloroethene (trans)

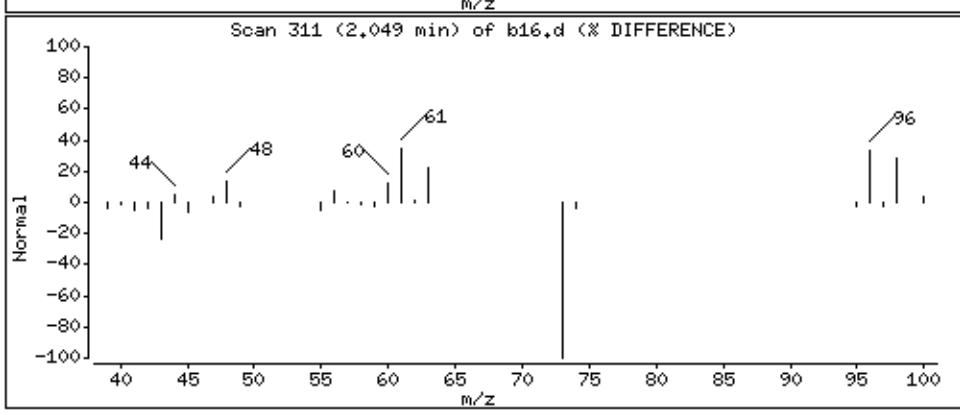
Concentration: 75.2 ppb

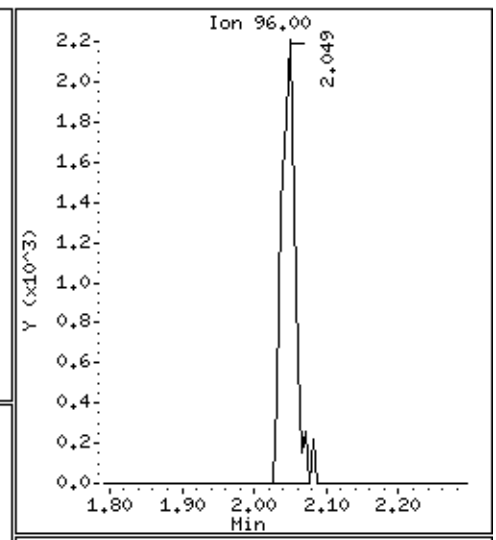
Review Code:

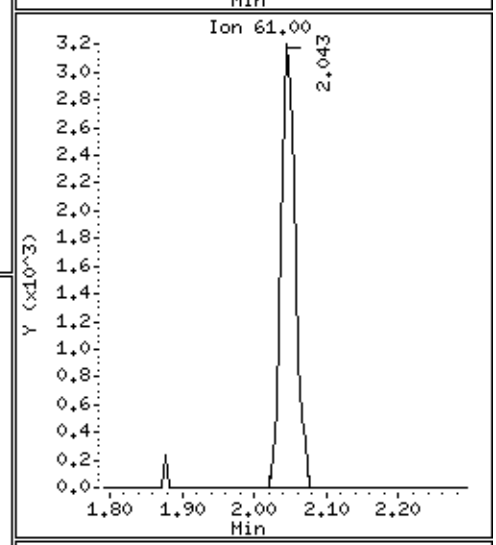


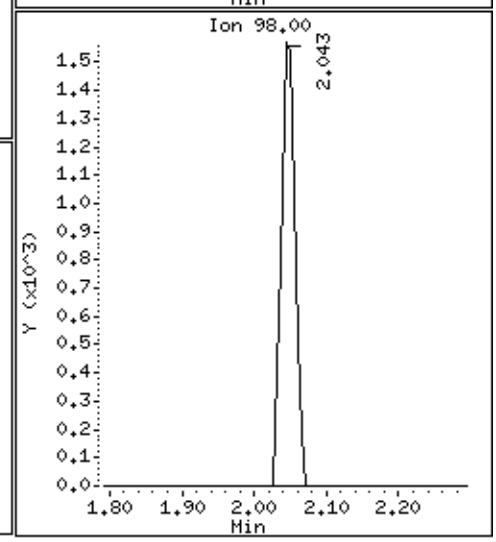












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d

Date : 10-OCT-2017 19:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x50

Purge Volume: 5.0

Operator: jlz

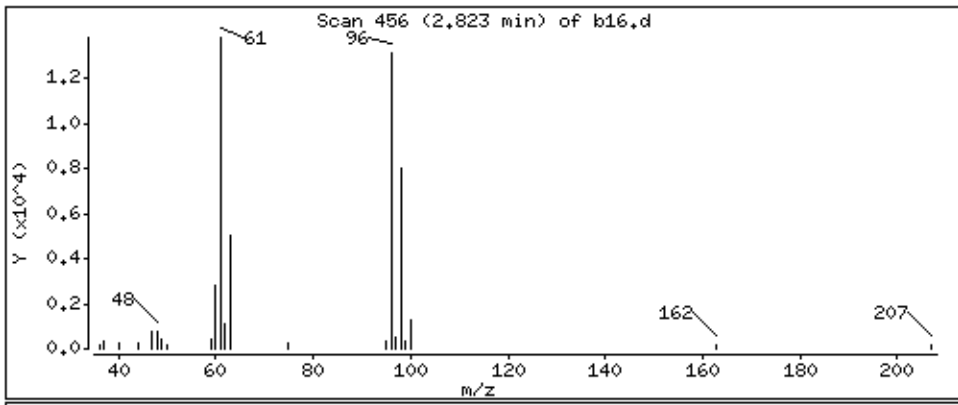
Column phase: DB-624

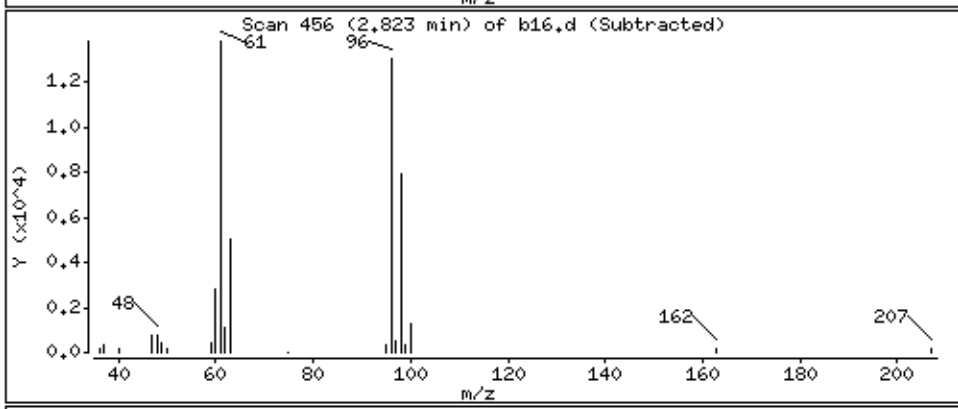
Column diameter: 0.18

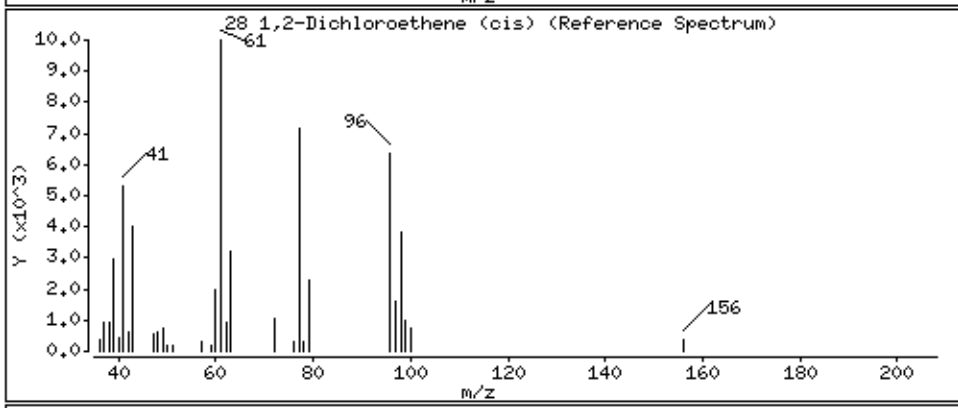
28 1,2-Dichloroethene (cis)

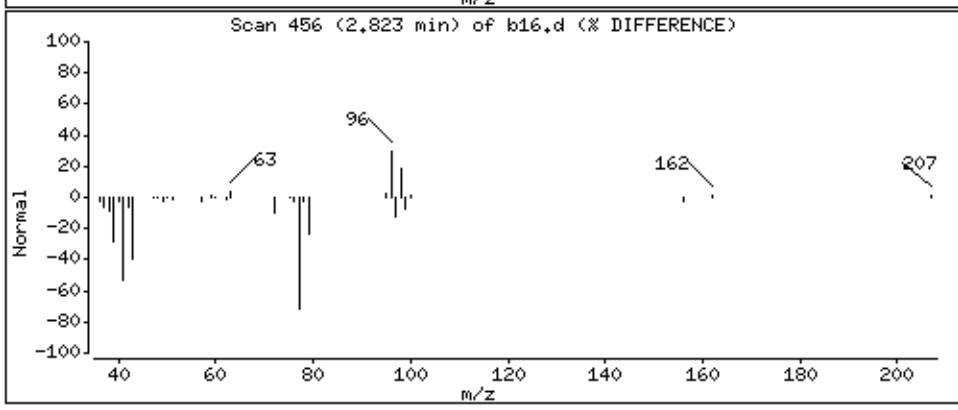
Concentration: 609 ppb

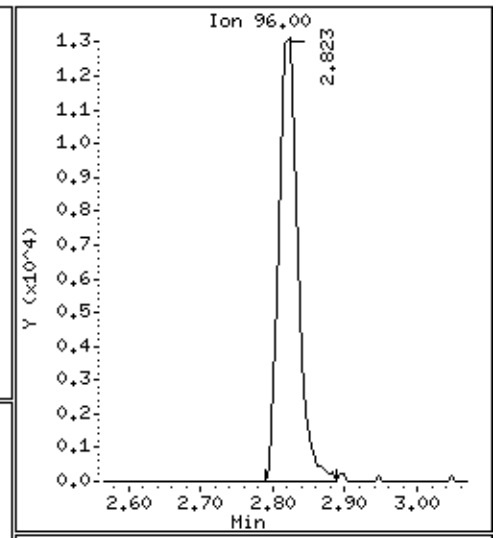
Review Code:

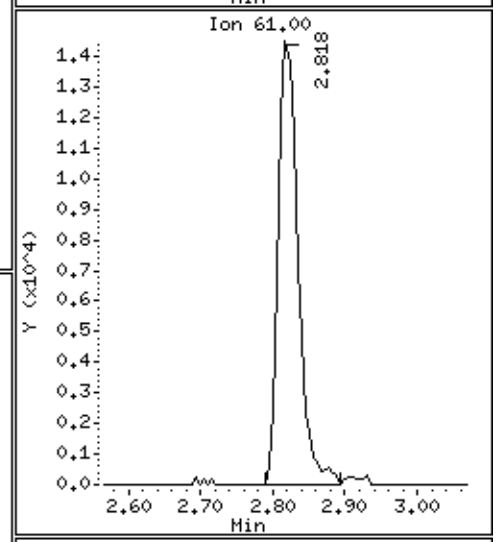


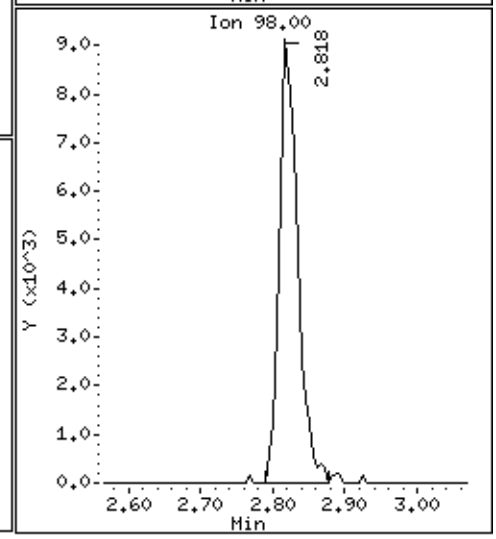












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b16.d

Date : 10-OCT-2017 19:52

Client ID: MW-0704-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760033x50

Purge Volume: 5.0

Operator: jlz

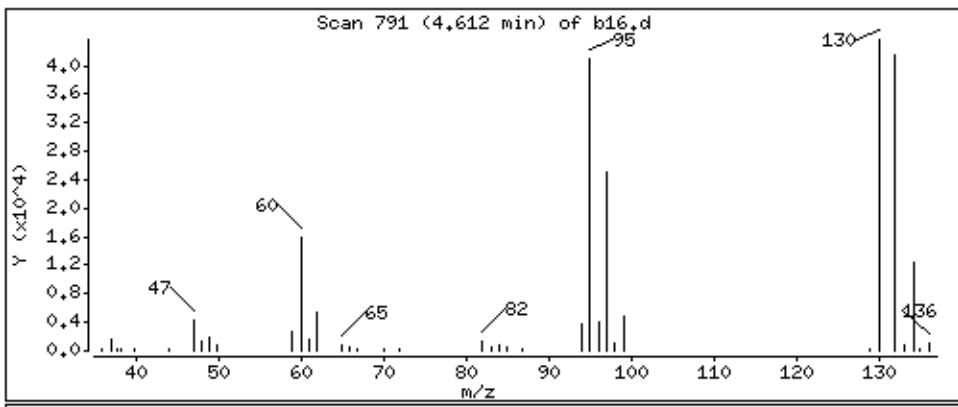
Column phase: DB-624

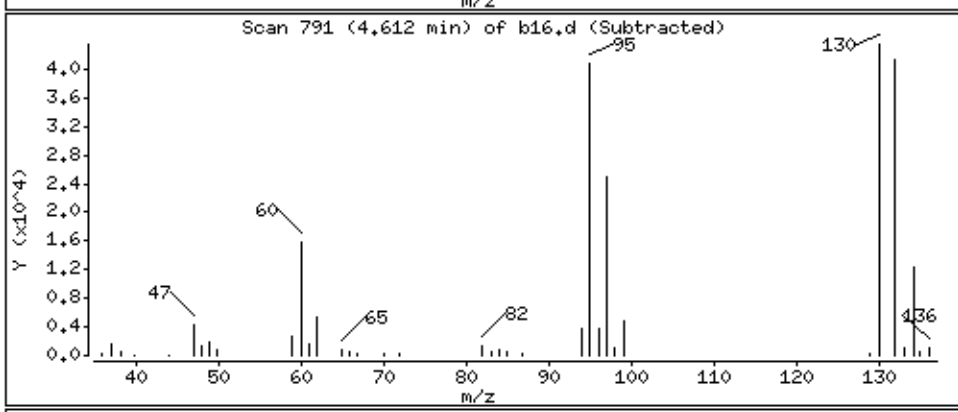
Column diameter: 0.18

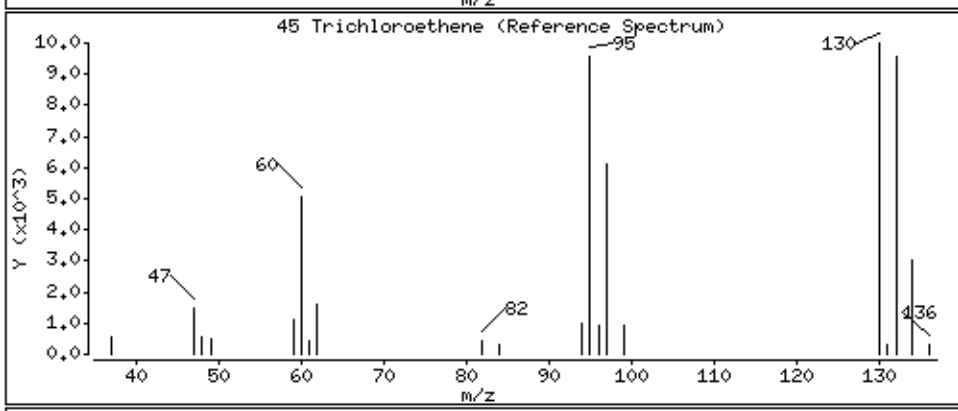
45 Trichloroethene

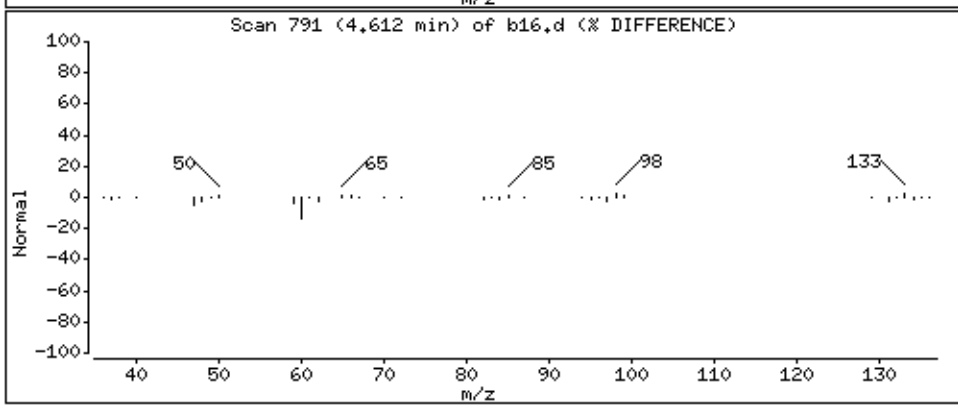
Concentration: 2150 ppb

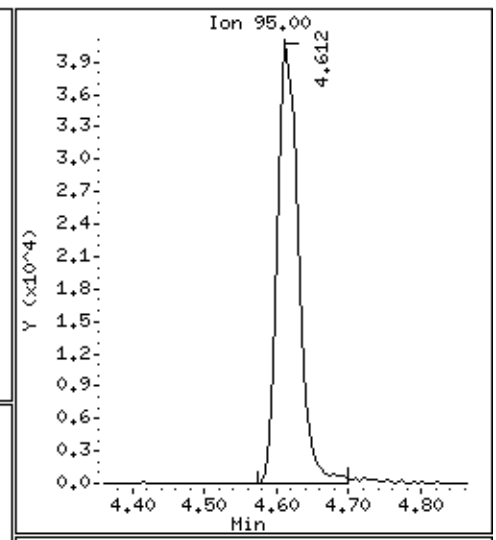
Review Code:

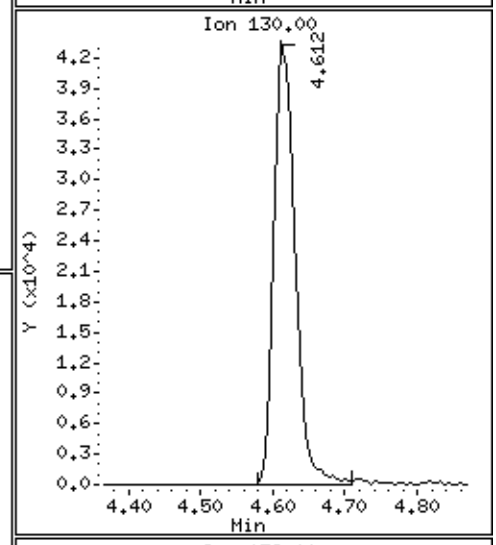


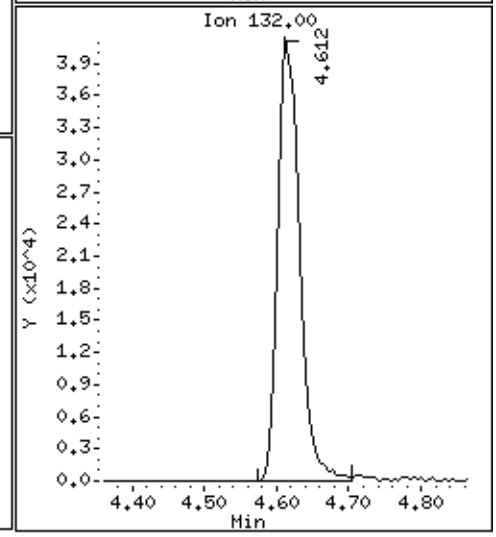












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b16.d
Injection Date: 10-OCT-2017 19:52
Instrument: 50mv3b.i
Lab Sample ID: 50180760033
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0705-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 14:01 Lab Sample ID: 50180760034

Date Analyzed: 10/10/2017 14:01 Lab File ID: B101017.B\B05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	39.1	
156-60-5	trans-1,2-Dichloroethene	10.1	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0705-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 14:01 Lab Sample ID: 50180760034

Date Analyzed: 10/10/2017 14:01 Lab File ID: B101017.B\B05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	107	
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	3.3	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d
Lab Smp Id: 50180760034 Client Smp ID: MW-0705-S1 (092717)
Inj Date : 10-OCT-2017 14:01
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760034
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	3 Vinyl Chloride	62	1.047	1.048	(0.251)	8557	3.27086	3.27	
	12 Acetone	43	1.618	1.609	(0.388)	3596	14.3477	14.3	
	22 1,2-Dichloroethene (trans)	96	2.045	2.041	(0.491)	18510	10.1489	10.1	
	28 1,2-Dichloroethene (cis)	96	2.820	2.816	(0.677)	74976	39.1298	39.1(Q)	
$	35 Dibromofluoromethane (S)	113	3.333	3.334	(0.800)	63764	47.2777	47.3	
*	44 Fluorobenzene (IS)	96	4.166	4.162	(1.000)	280062	50.0000		
	45 Trichloroethene	95	4.614	4.610	(1.108)	202452	107.336	107	
$	55 Toluene-d8 (S)	98	6.008	6.010	(0.819)	288001	48.9412	48.9	
	56 Toluene	91	6.083	6.084	(0.829)	1728	0.20518	0.205	
*	65 Chlorobenzene-D5 (IS)	117	7.338	7.334	(1.000)	222935	50.0000		
	68 Ethylbenzene	106	7.451	7.441	(1.015)	1104	0.32380	0.324(Q)	
$	74 4-Bromofluorobenzene (S)	95	8.156	8.157	(1.111)	102526	46.3715	46.4	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.835	(1.000)	119306	50.0000		

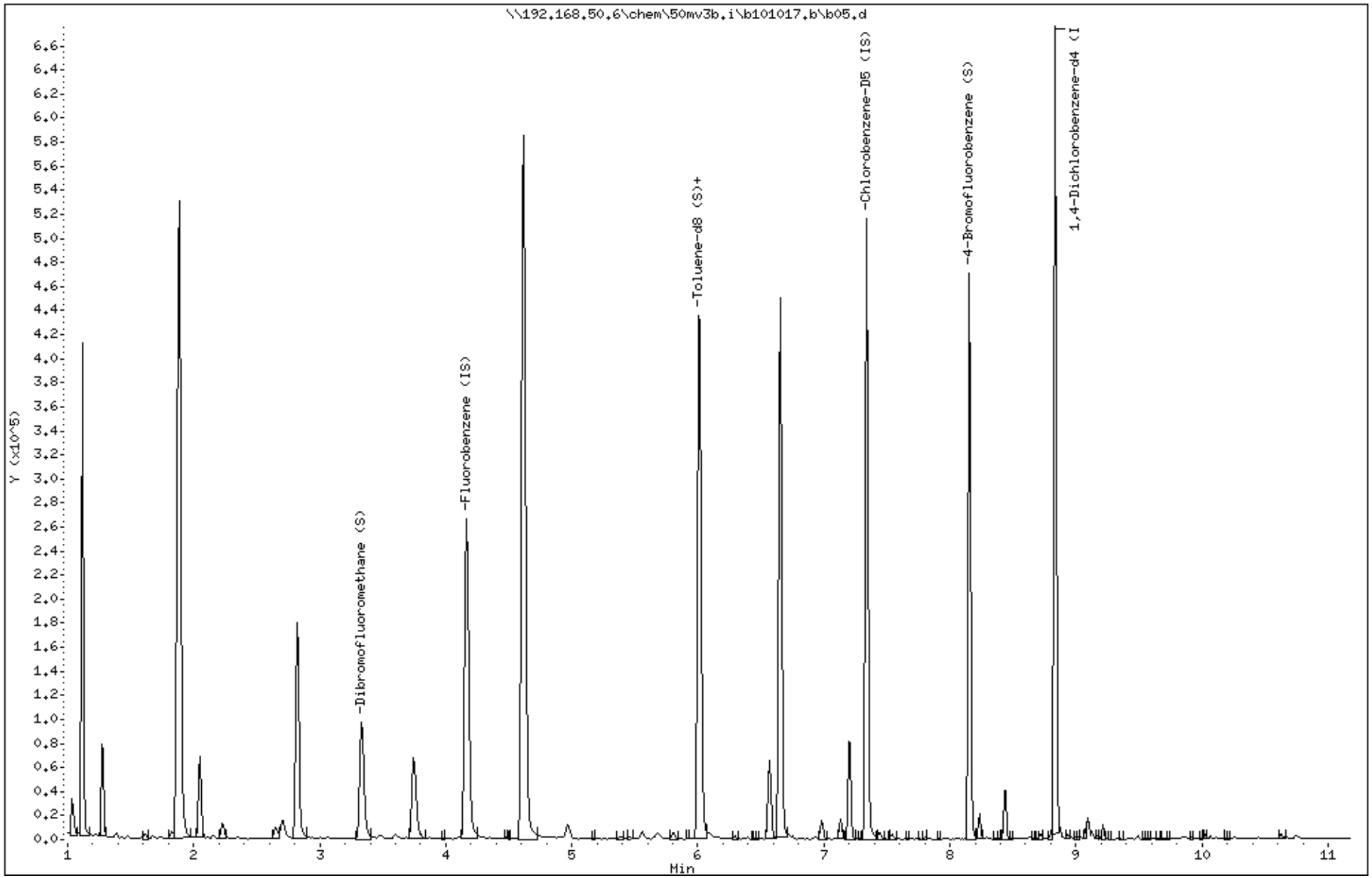
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d
Date : 10-OCT-2017 14:01
Client ID: MW-0705-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760034
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

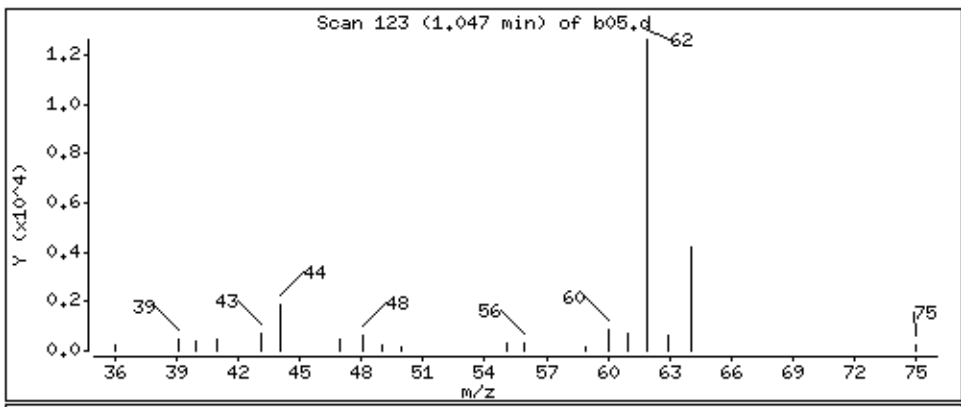
Column phase: DB-624

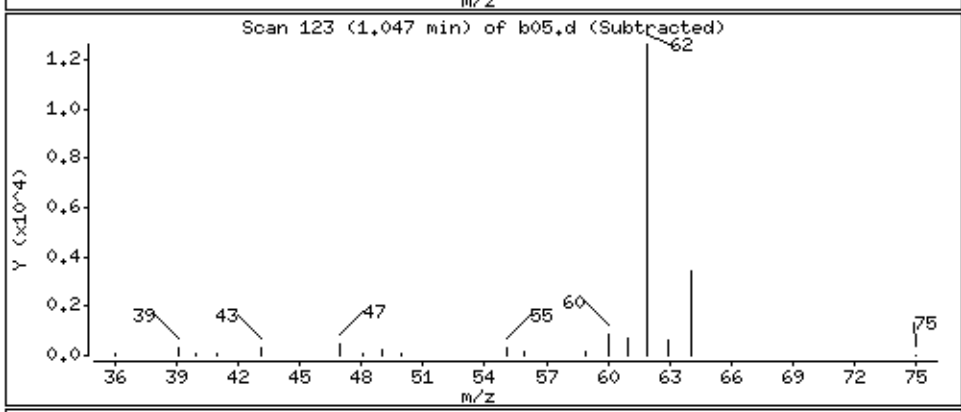
Column diameter: 0.18

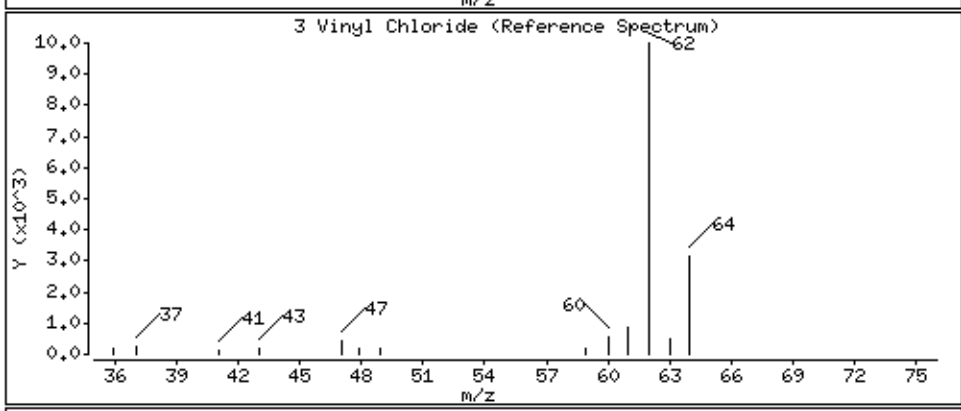
3 Vinyl Chloride

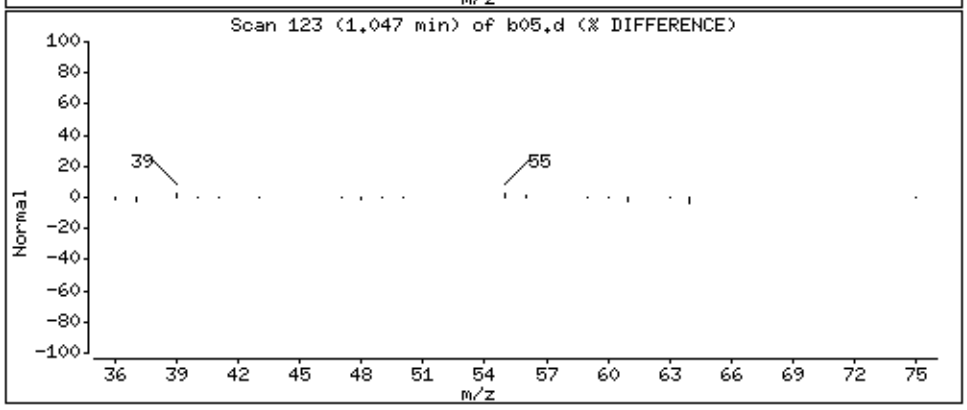
Concentration: 3.27 ppb

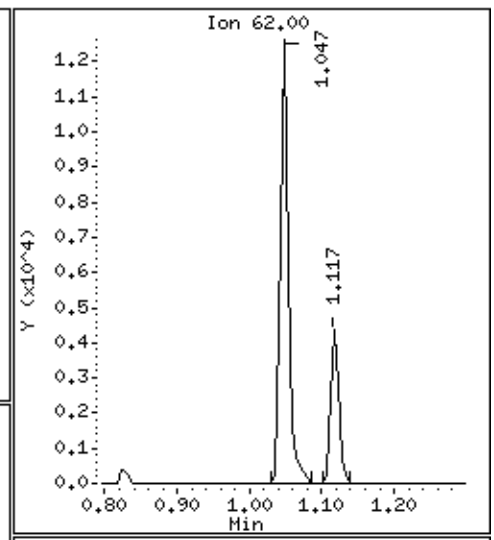
Review Code:

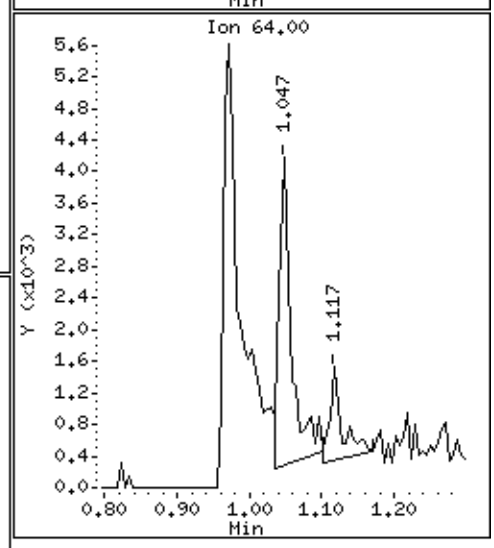












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

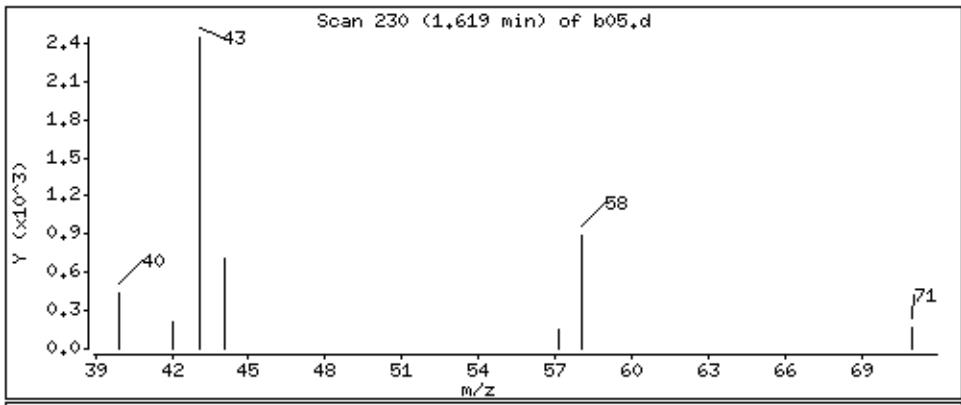
Column phase: DB-624

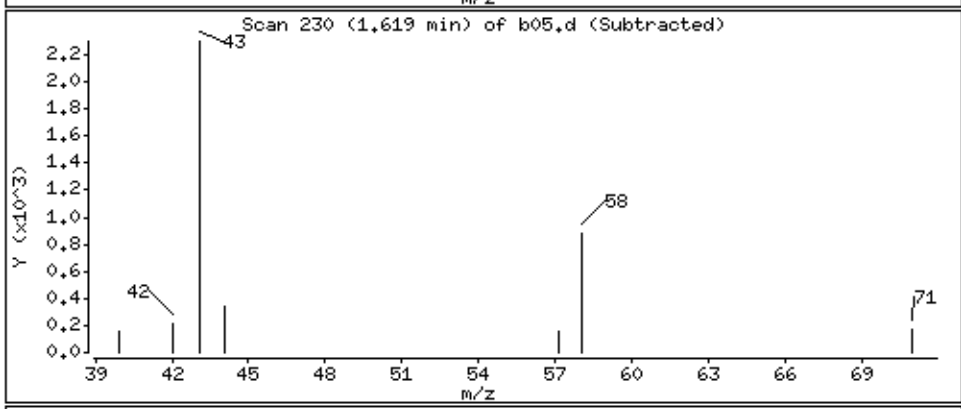
Column diameter: 0.18

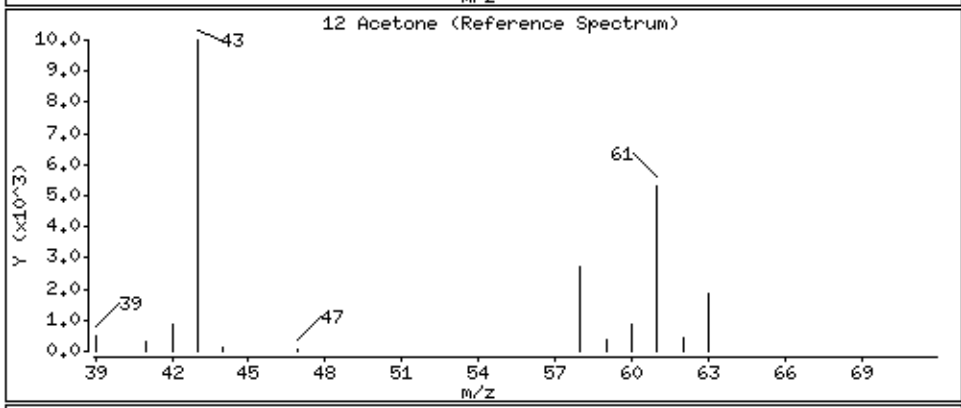
12 Acetone

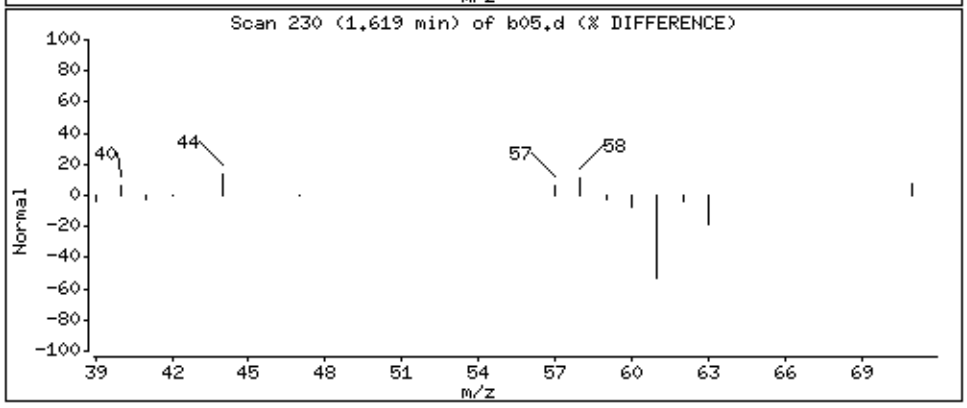
Concentration: 14.3 ppb

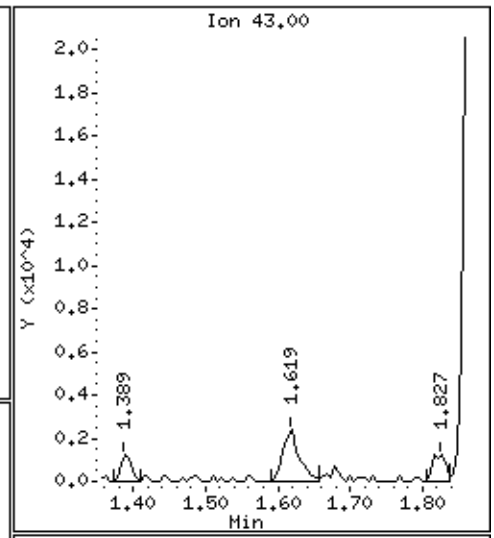
Review Code:

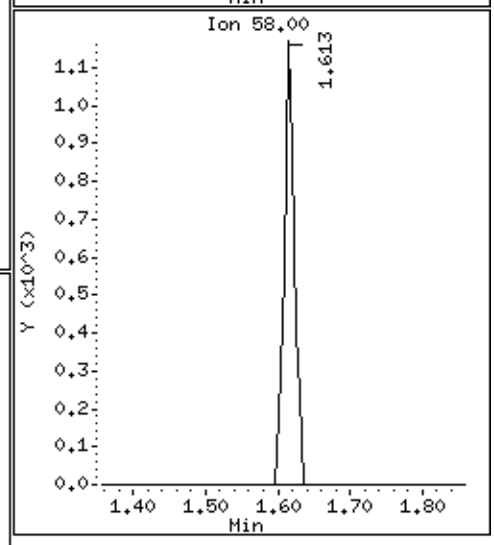












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

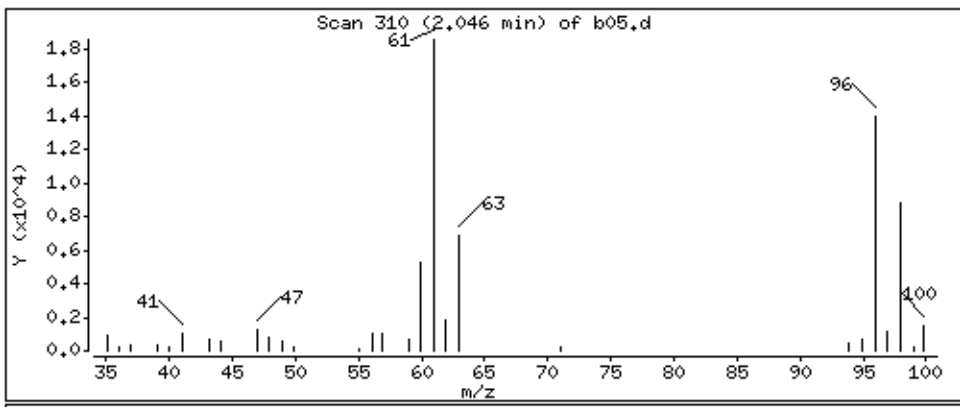
Column phase: DB-624

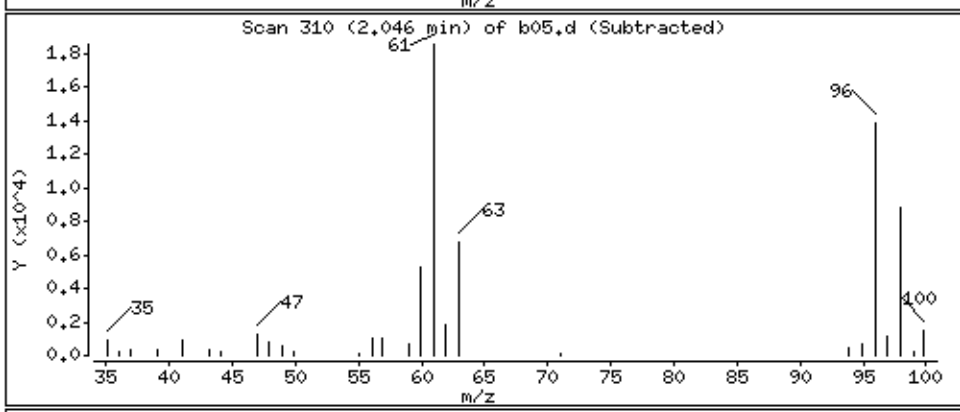
Column diameter: 0.18

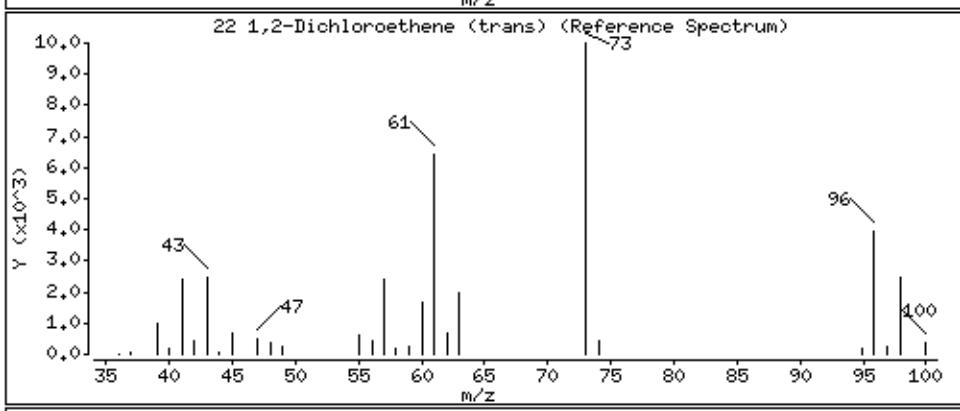
22 1,2-Dichloroethene (trans)

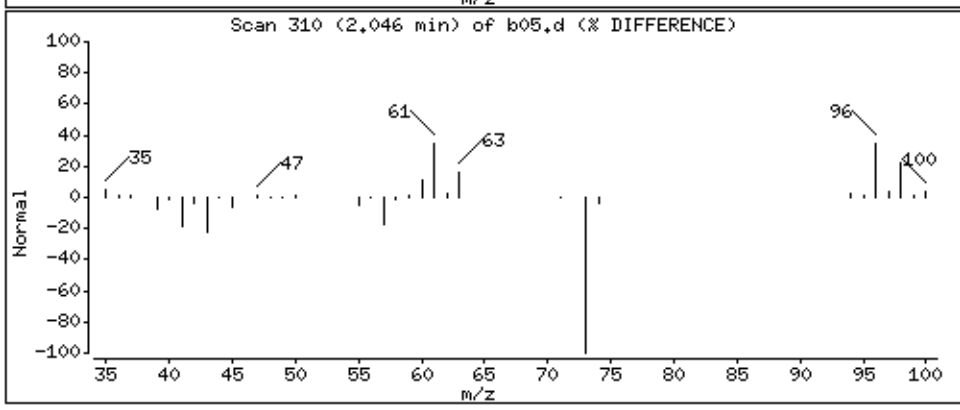
Concentration: 10.1 ppb

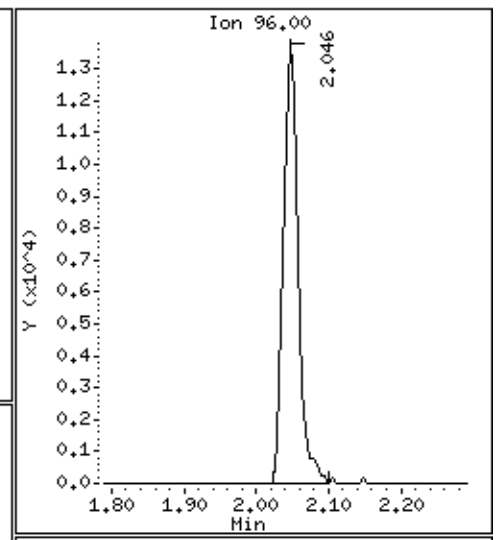
Review Code:

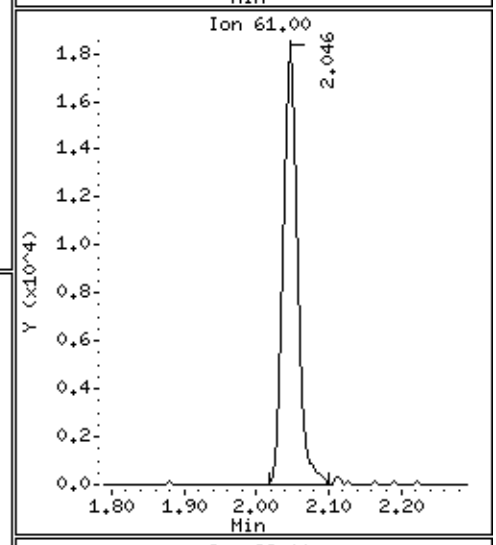


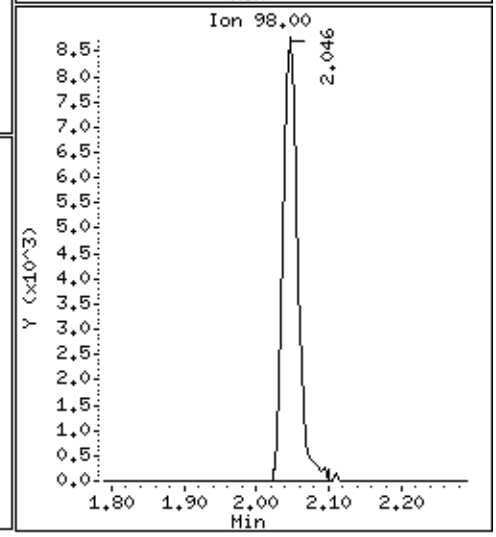












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

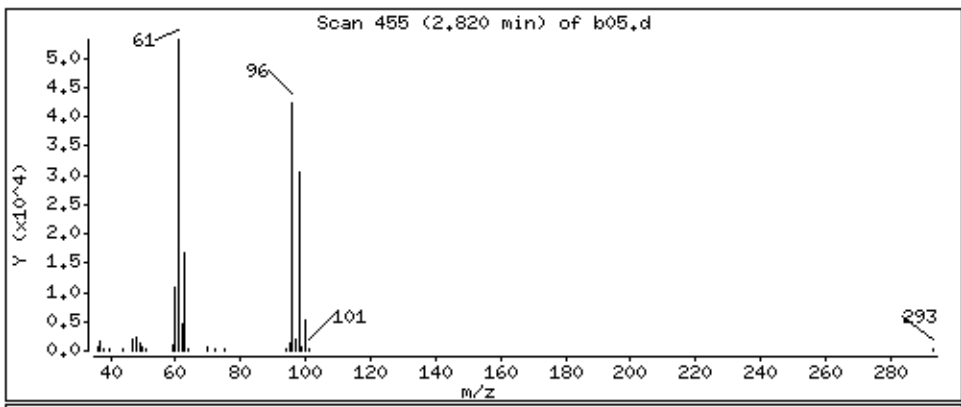
Column phase: DB-624

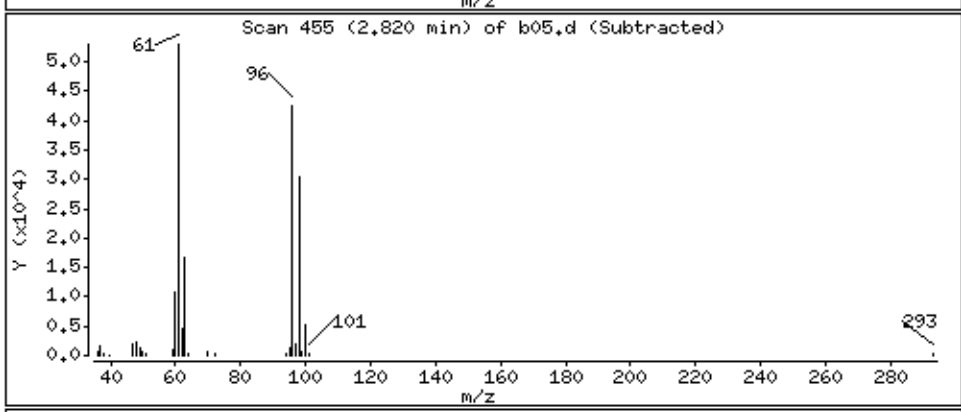
Column diameter: 0.18

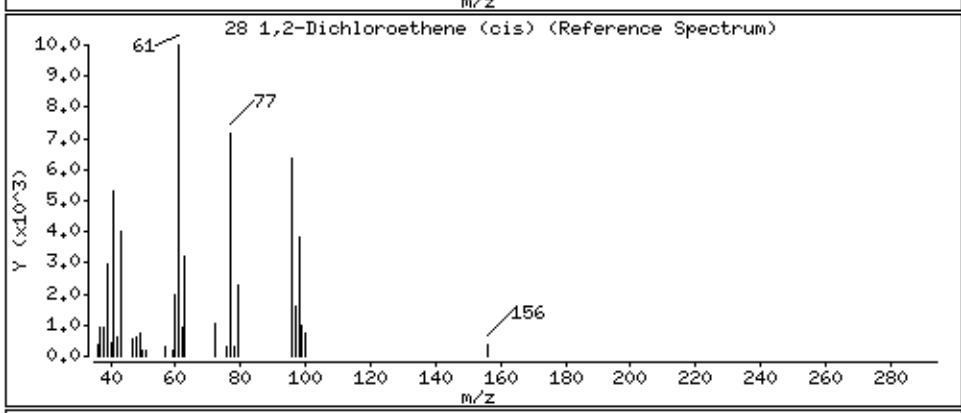
28 1,2-Dichloroethene (cis)

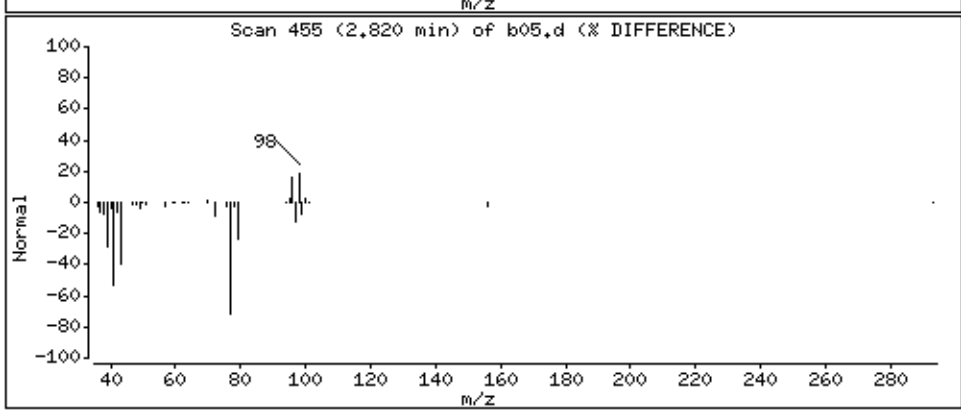
Concentration: 39.1 ppb

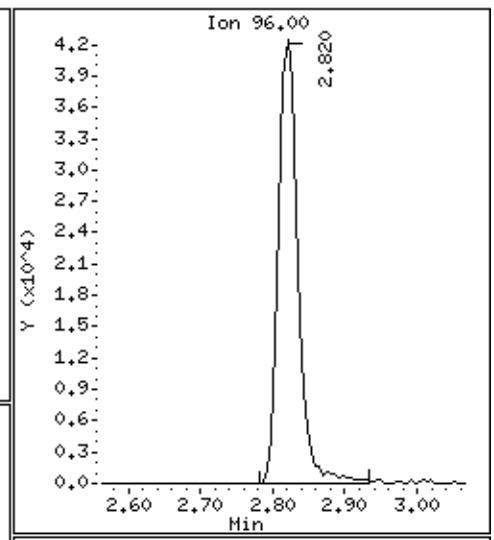
Review Code:

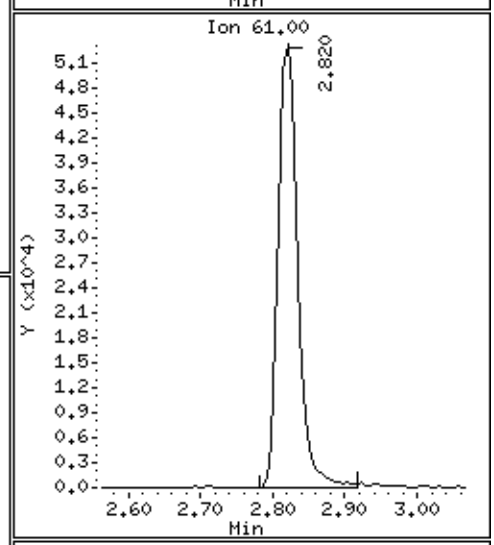


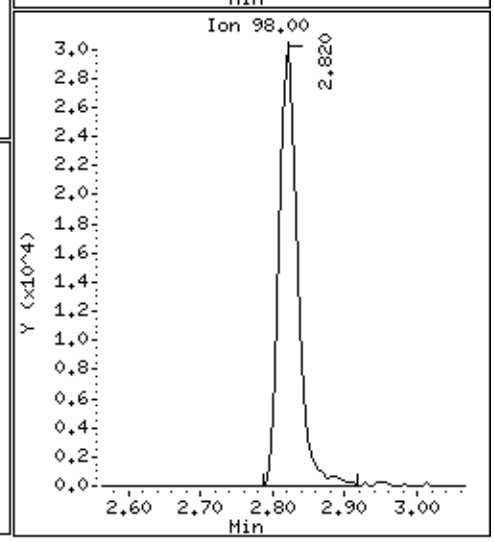












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

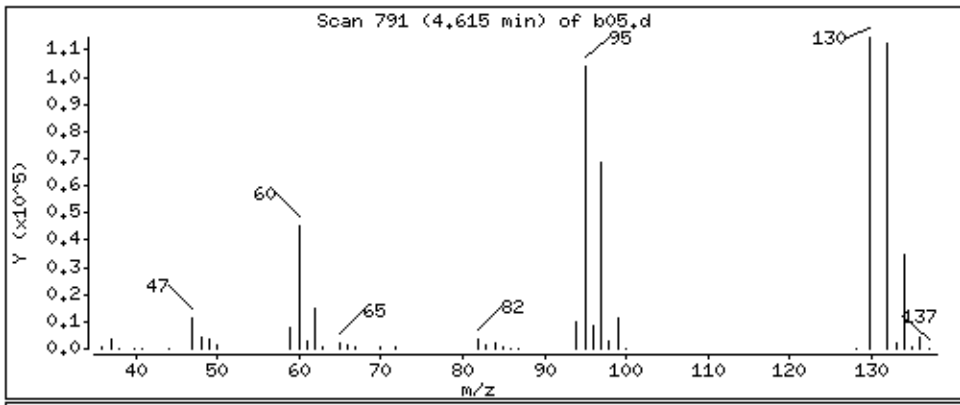
Column phase: DB-624

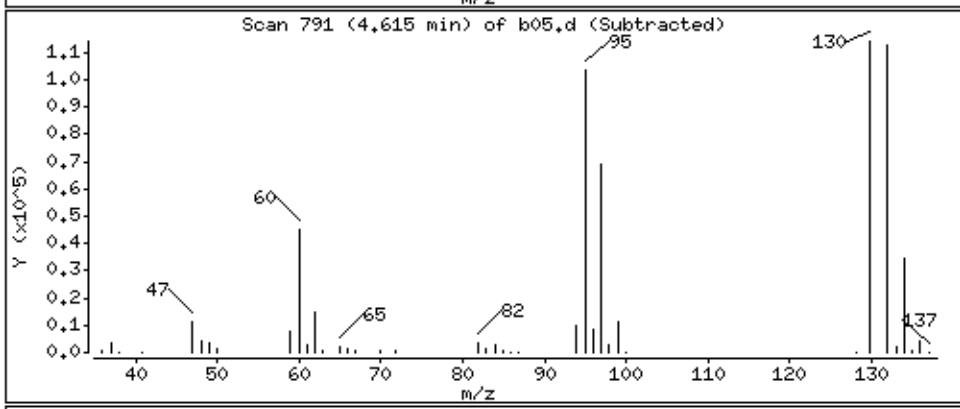
Column diameter: 0.18

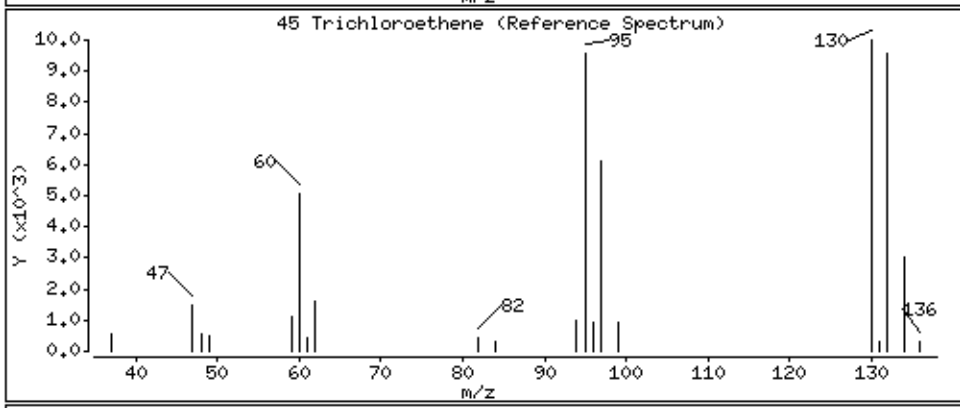
45 Trichloroethene

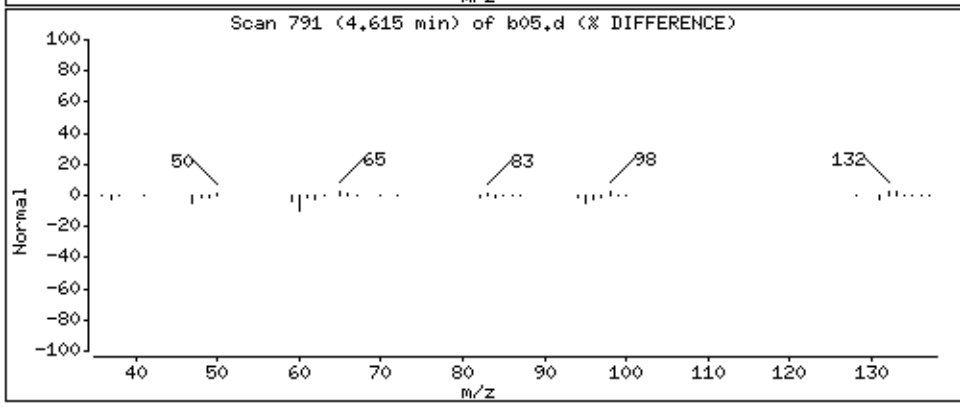
Concentration: 107 ppb

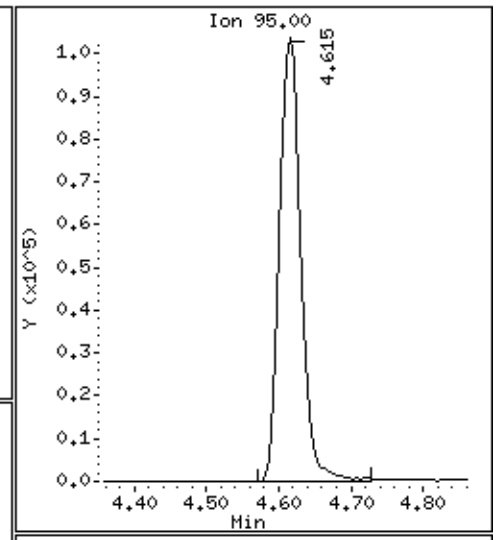
Review Code:

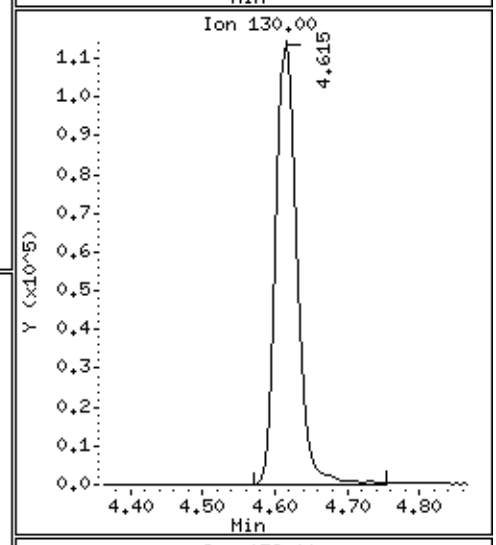


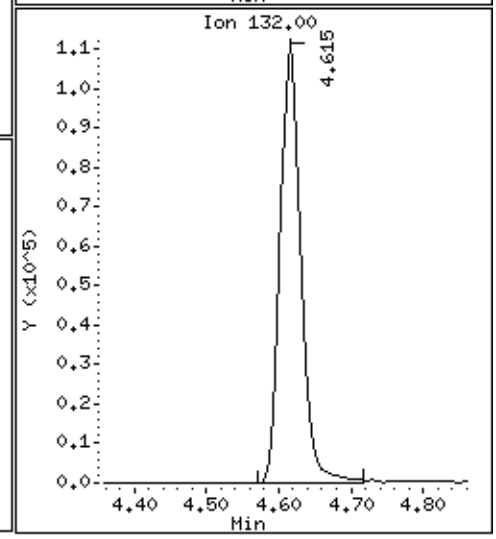












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

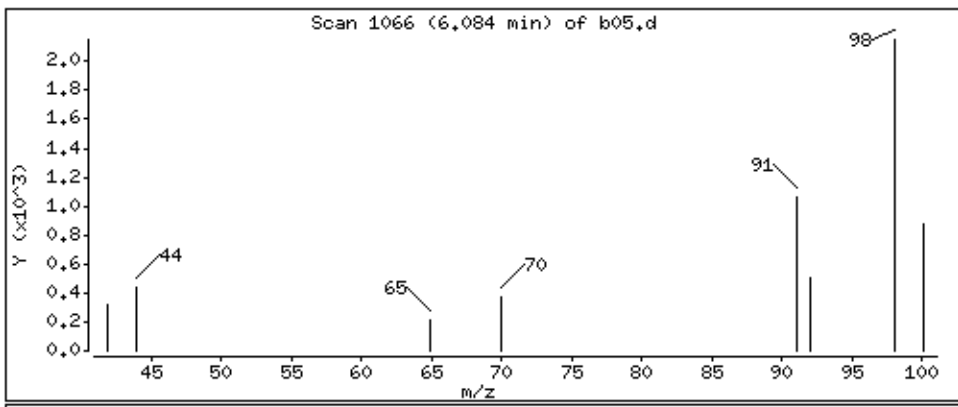
Column phase: DB-624

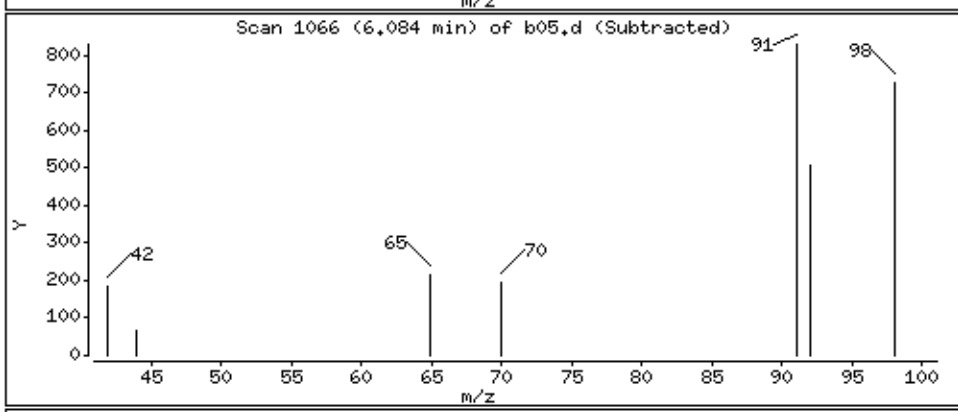
Column diameter: 0.18

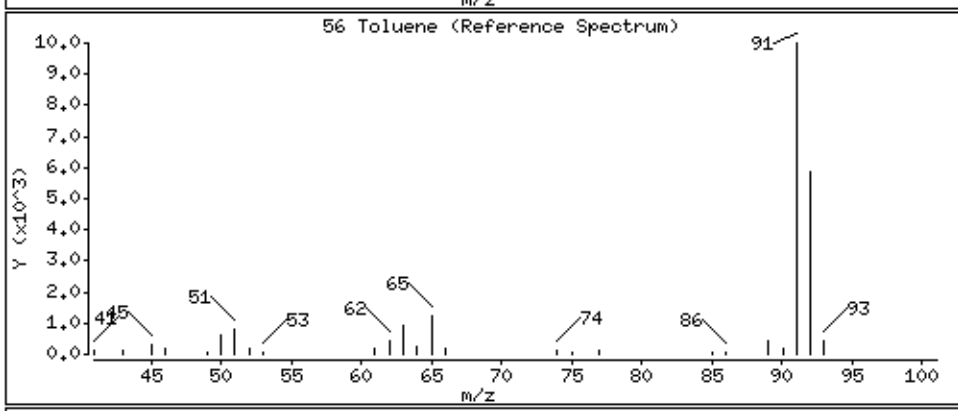
56 Toluene

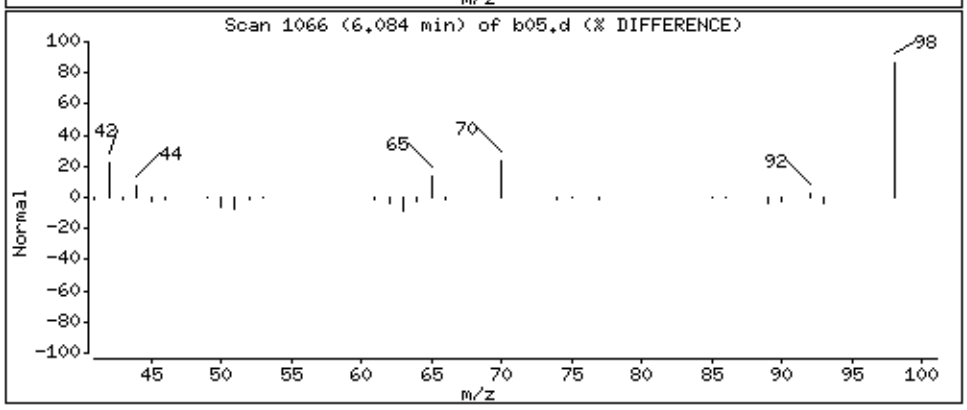
Concentration: 0.205 ppb

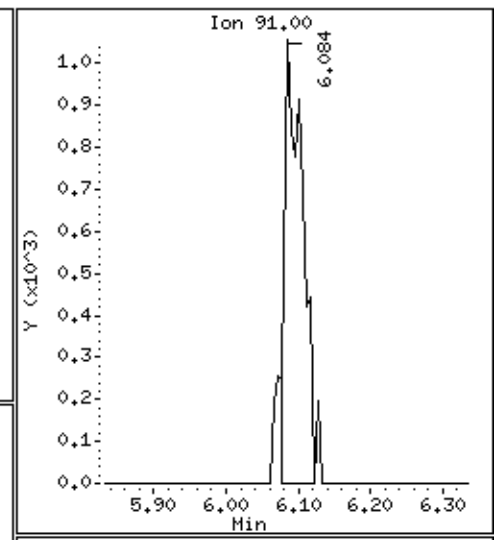
Review Code:

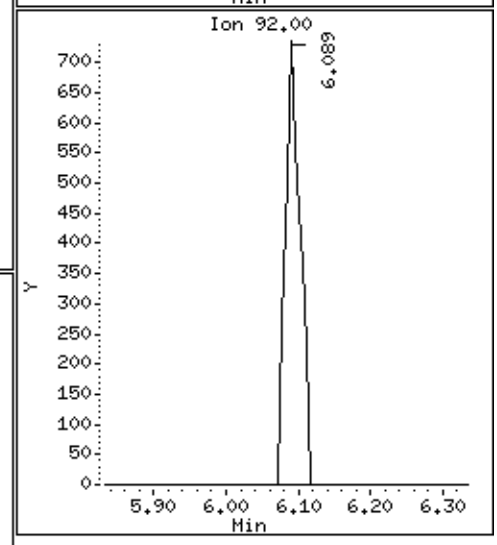












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b05.d

Date : 10-OCT-2017 14:01

Client ID: MW-0705-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760034

Purge Volume: 5.0

Operator: jlz

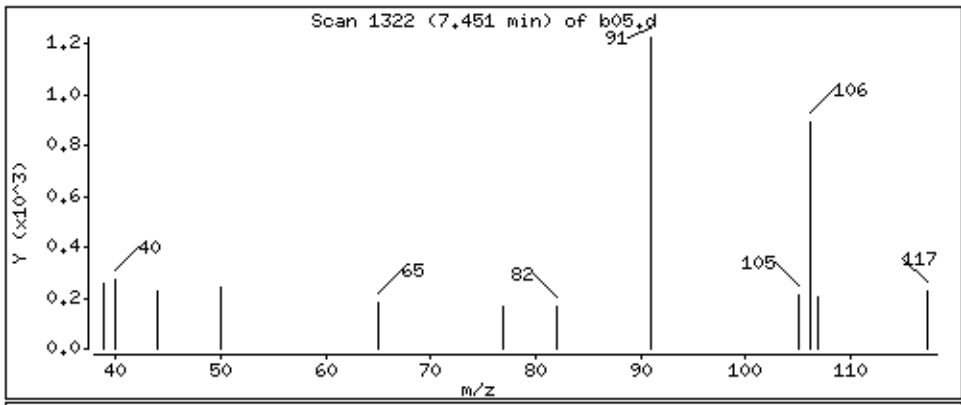
Column phase: DB-624

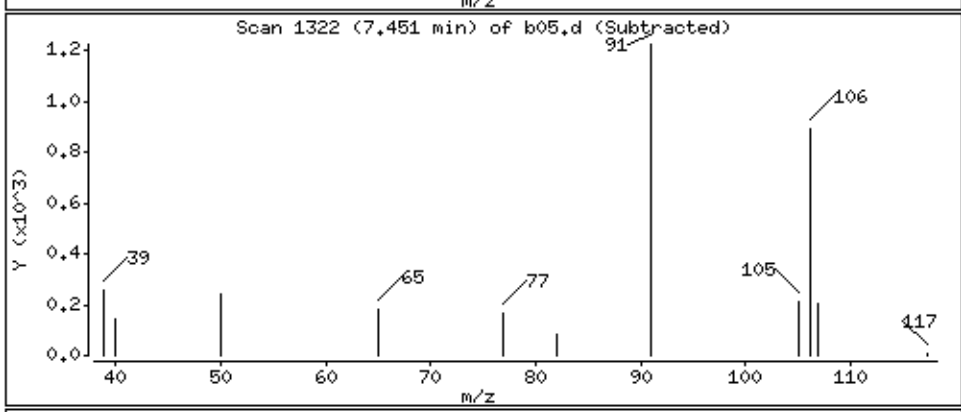
Column diameter: 0.18

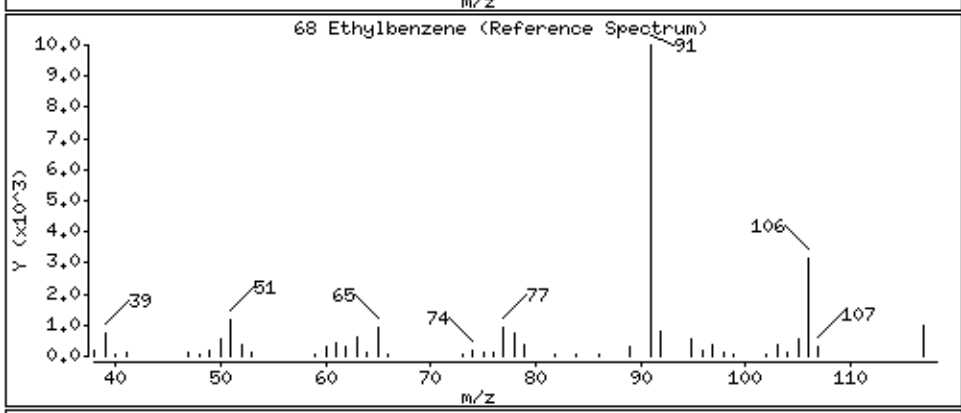
68 Ethylbenzene

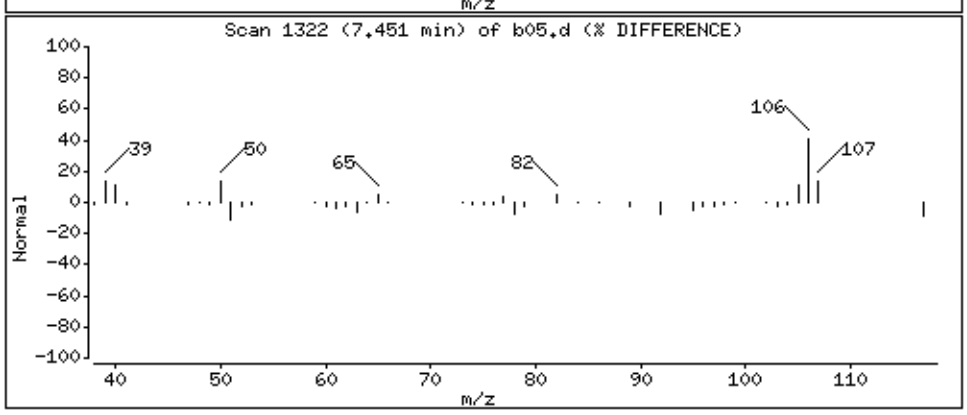
Concentration: 0.324 ppb

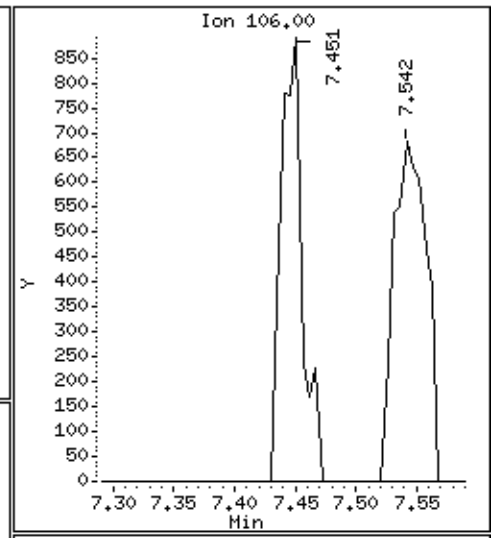
Review Code:

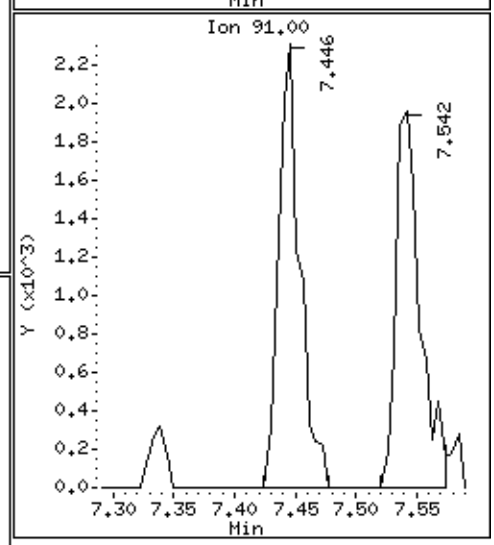












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b05.d
Injection Date: 10-OCT-2017 14:01
Instrument: 50mv3b.i
Lab Sample ID: 50180760034
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0608-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 14:33 Lab Sample ID: 50180760035

Date Analyzed: 10/10/2017 14:33 Lab File ID: B101017.B\B06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	44.0	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	U

SAMPLE NO.

MW-0608-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 14:33 Lab Sample ID: 50180760035

Date Analyzed: 10/10/2017 14:33 Lab File ID: B101017.B\B06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	5.1	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d
Lab Smp Id: 50180760035 Client Smp ID: MW-0608-S1 (092717)
Inj Date : 10-OCT-2017 14:33
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760035
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
3 Vinyl Chloride	62	1.048	1.048	(0.252)	13116	5.14222	5.14	
11 1,1-Dichloroethene	96	1.603	1.603	(0.385)	2422	1.49866	1.50	
22 1,2-Dichloroethene (trans)	96	2.046	2.041	(0.491)	78290	44.0277	44.0	
25 1,1-Dichloroethane	63	2.351	2.346	(0.564)	13001	4.18269	4.18	
28 1,2-Dichloroethene (cis)	96	2.816	2.816	(0.676)	776064	415.424	415(Q)	
$ 35 Dibromofluoromethane (S)	113	3.334	3.334	(0.800)	63486	48.2800	48.3	
* 44 Fluorobenzene (IS)	96	4.167	4.162	(1.000)	273052	50.0000		
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	284636	49.0635	49.1	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	219781	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.157	8.157	(1.112)	101411	46.5254	46.5	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	114749	50.0000		

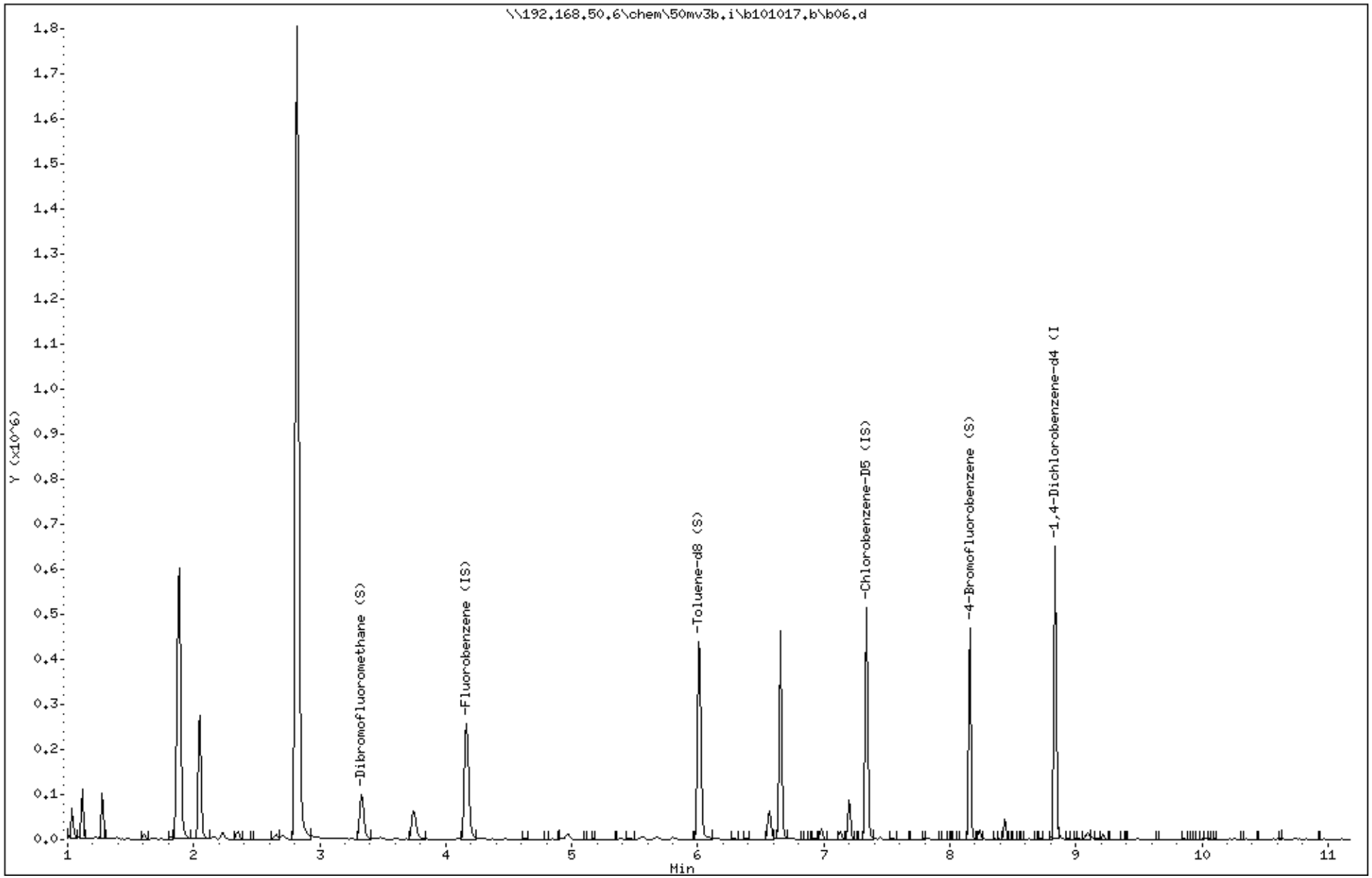
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d
Date : 10-OCT-2017 14:33
Client ID: MW-0608-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760035
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d

Date : 10-OCT-2017 14:33

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035

Purge Volume: 5.0

Operator: jlz

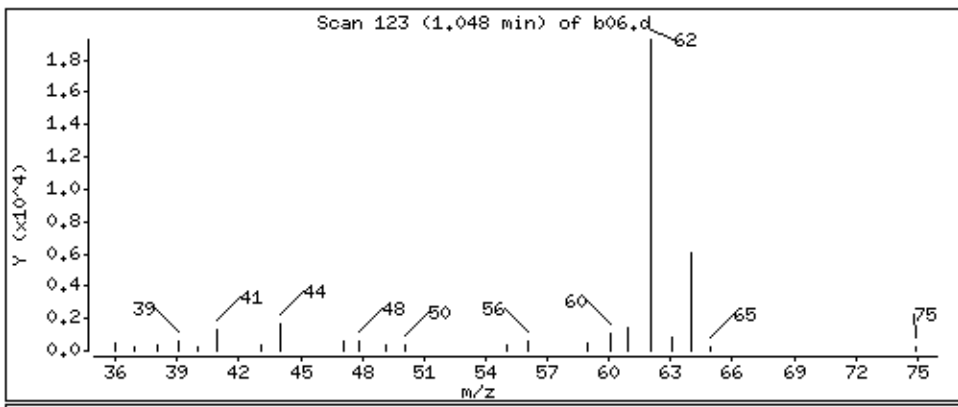
Column phase: DB-624

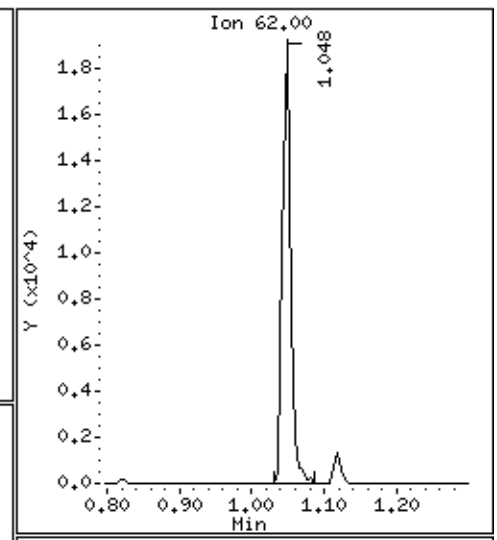
Column diameter: 0.18

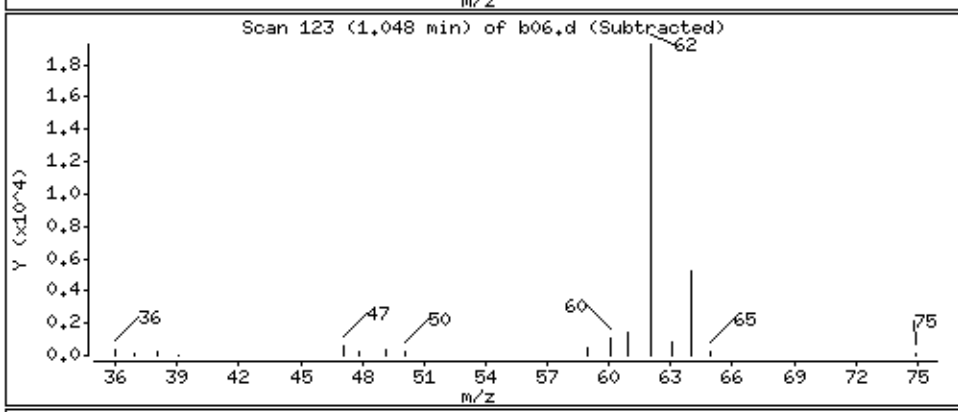
3 Vinyl Chloride

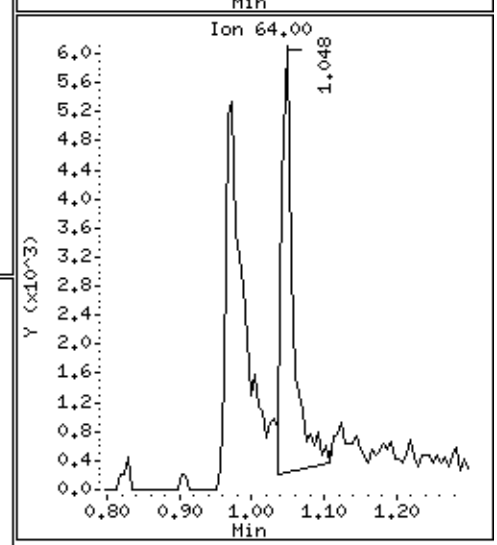
Concentration: 5.14 ppb

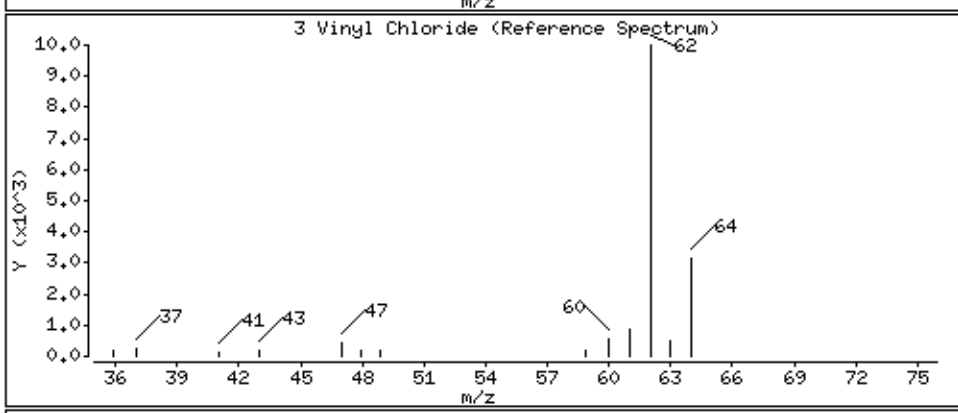
Review Code:

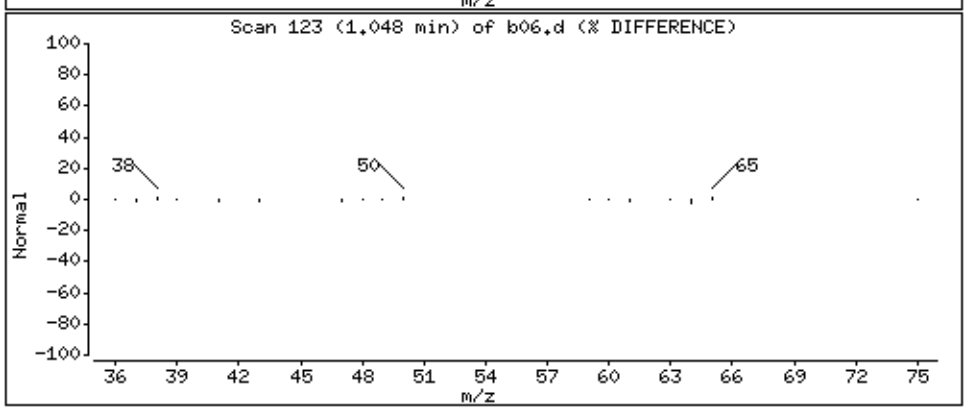












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d

Date : 10-OCT-2017 14:33

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035

Purge Volume: 5.0

Operator: jlz

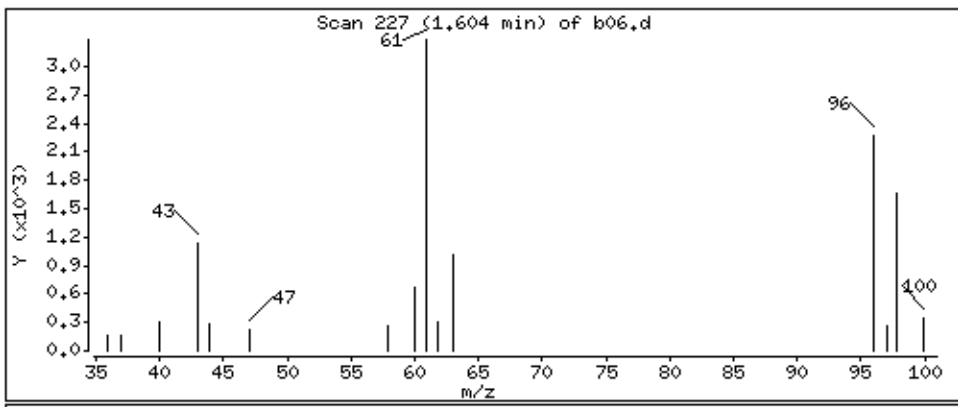
Column phase: DB-624

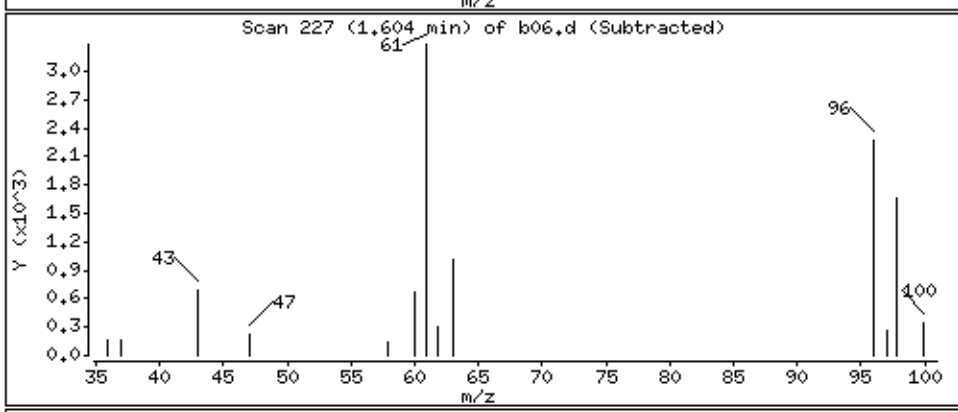
Column diameter: 0.18

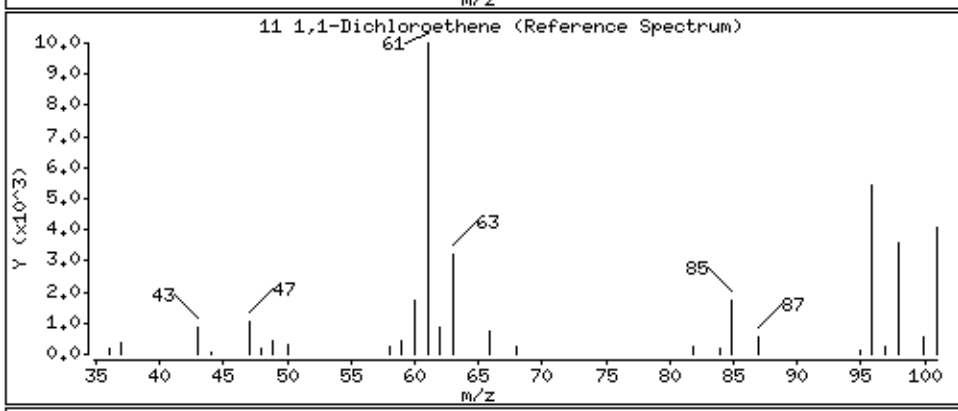
11 1,1-Dichloroethene

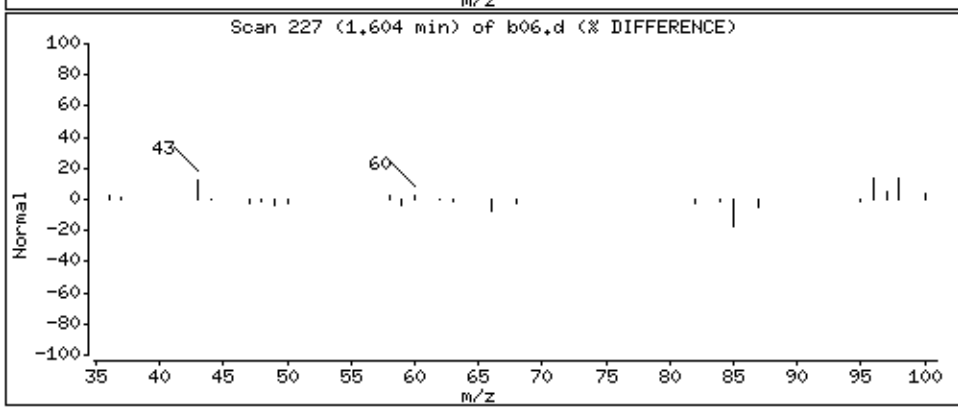
Concentration: 1.50 ppb

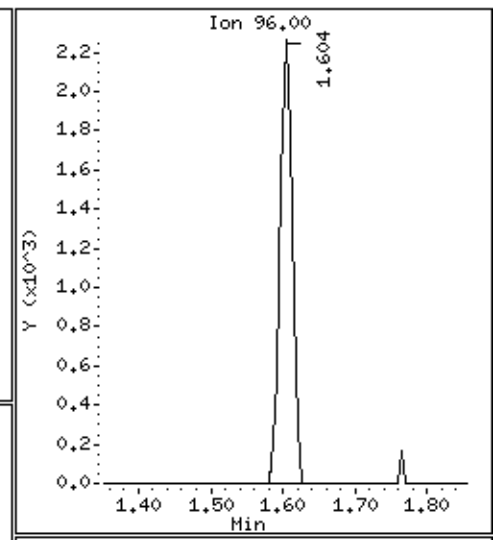
Review Code:

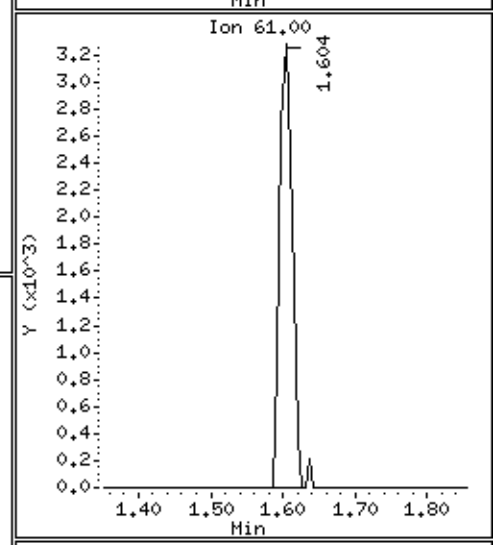


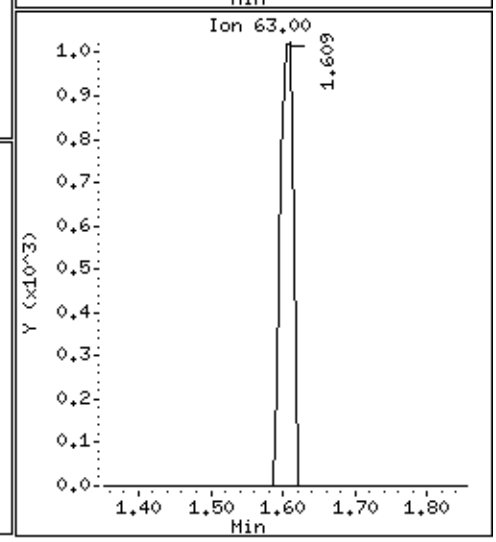












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d

Date : 10-OCT-2017 14:33

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035

Purge Volume: 5.0

Operator: jlz

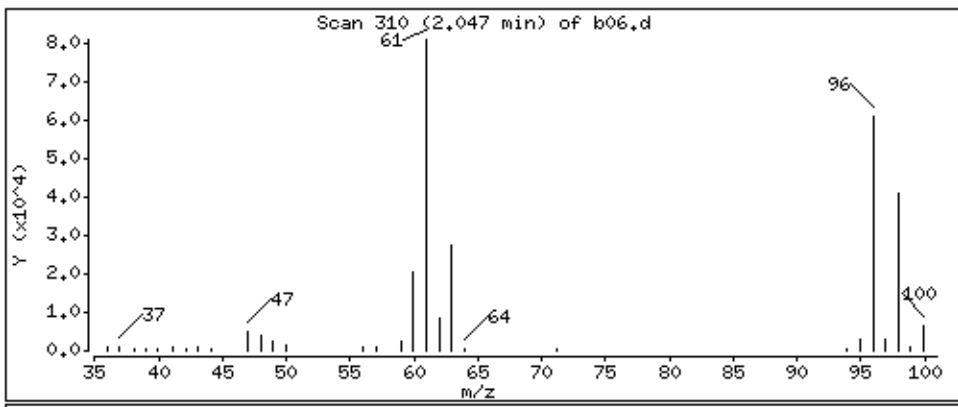
Column phase: DB-624

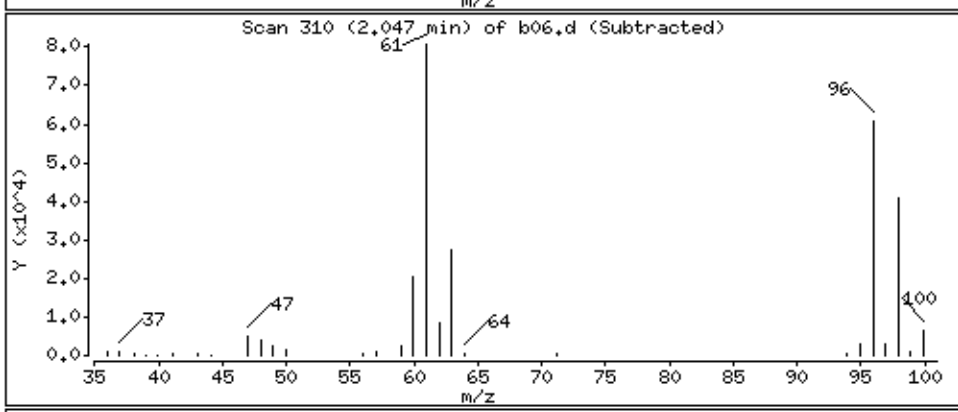
Column diameter: 0.18

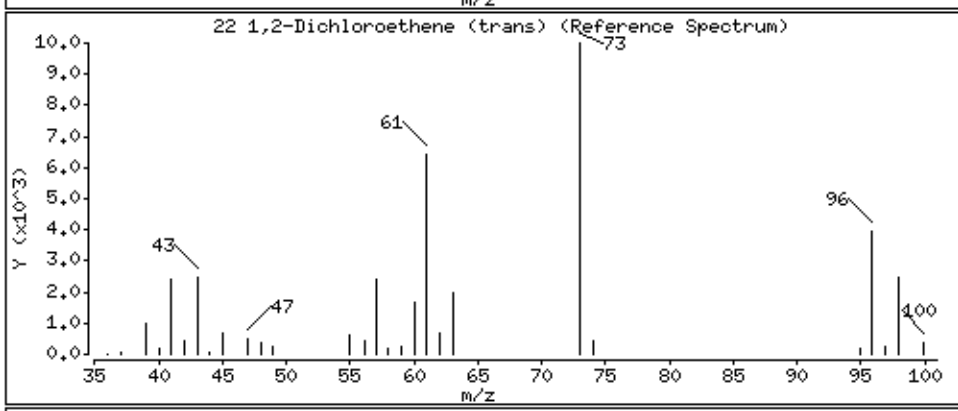
22 1,2-Dichloroethene (trans)

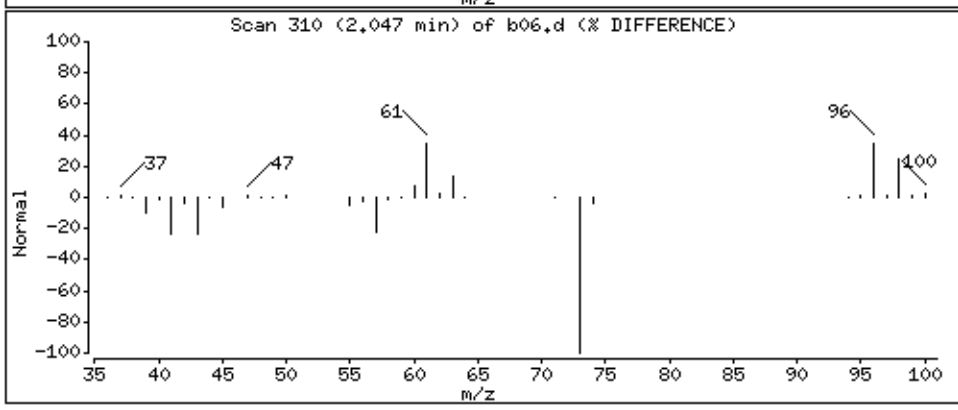
Concentration: 44.0 ppb

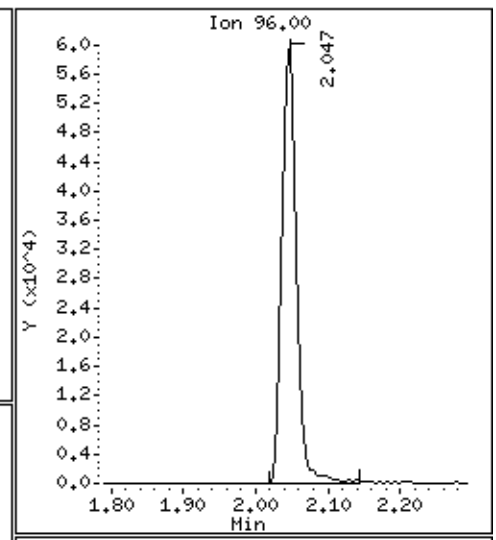
Review Code:

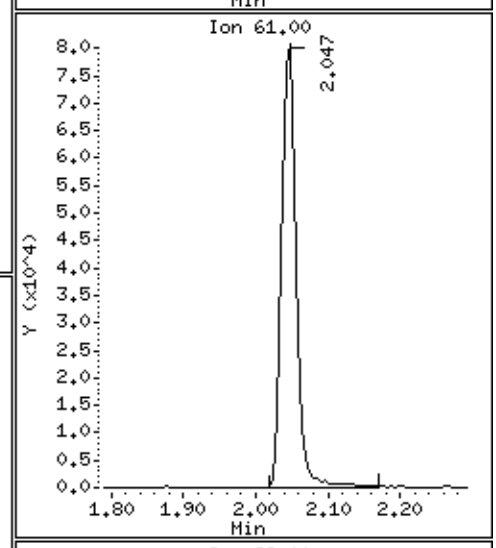


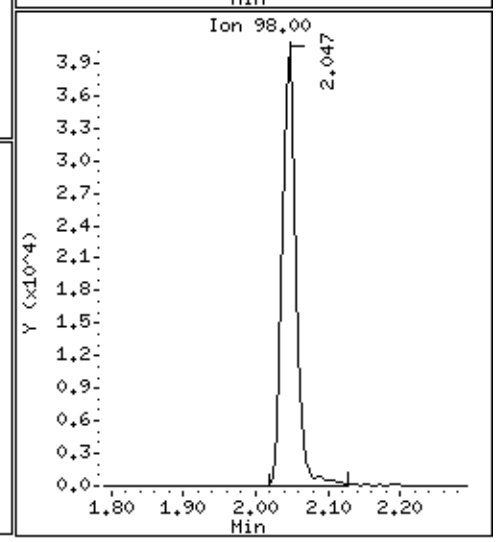












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d

Date : 10-OCT-2017 14:33

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035

Purge Volume: 5.0

Operator: jlz

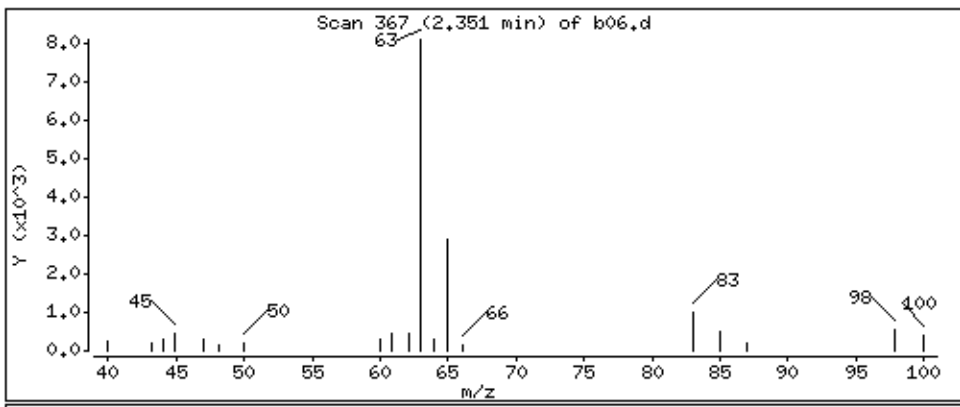
Column phase: DB-624

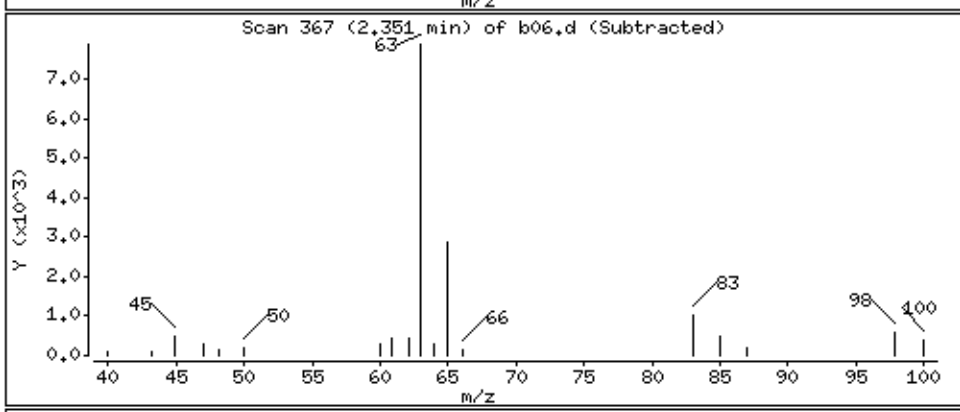
Column diameter: 0.18

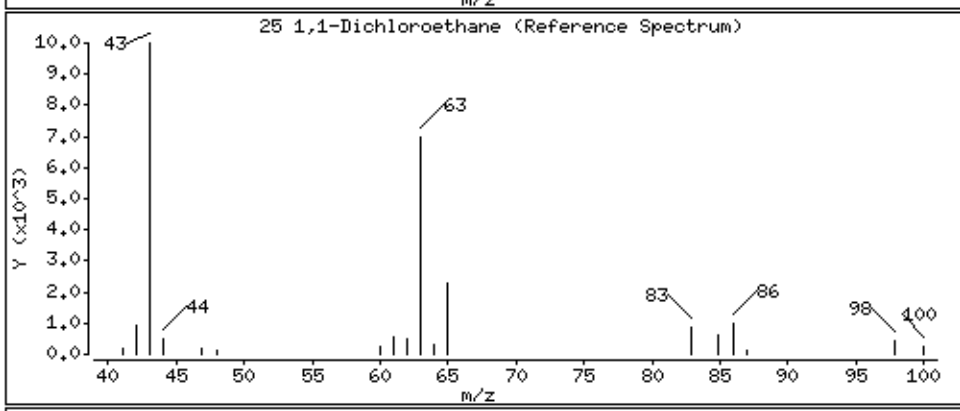
25 1,1-Dichloroethane

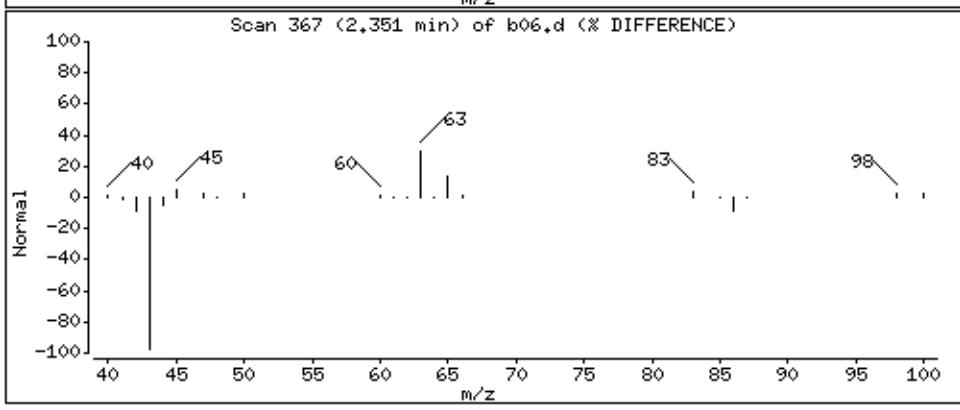
Concentration: 4.18 ppb

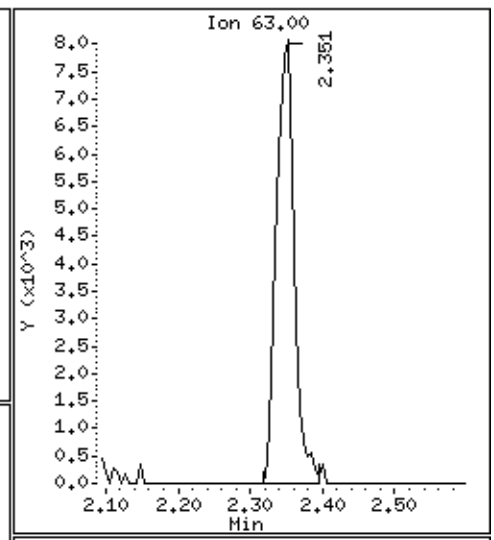
Review Code:

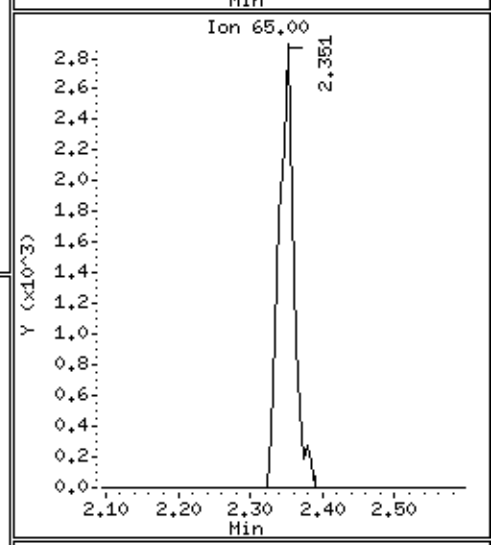


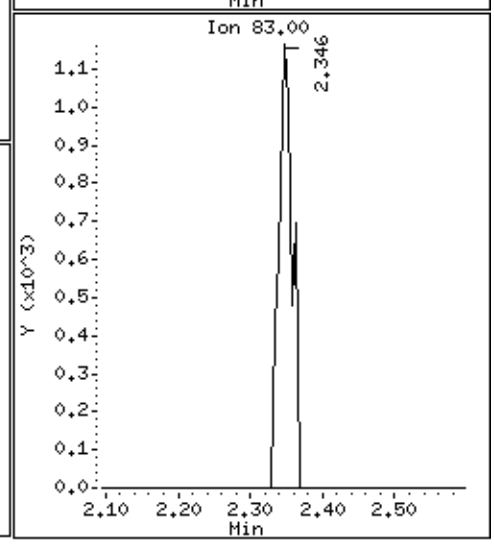












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b06.d

Date : 10-OCT-2017 14:33

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035

Purge Volume: 5.0

Operator: jlz

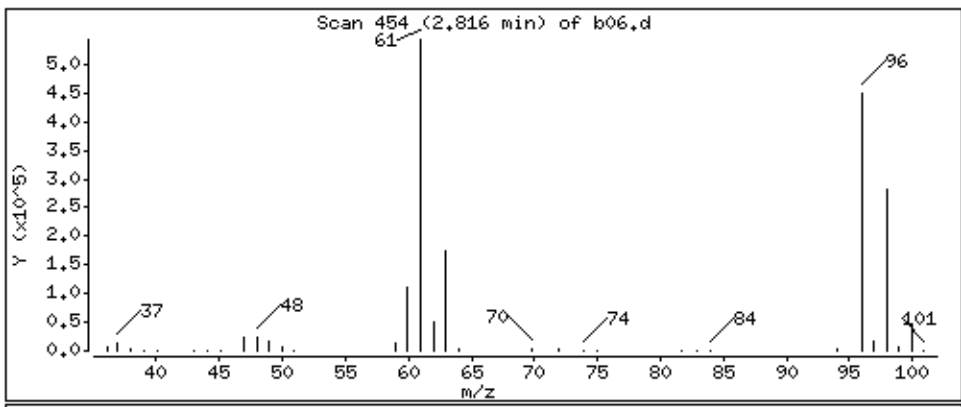
Column phase: DB-624

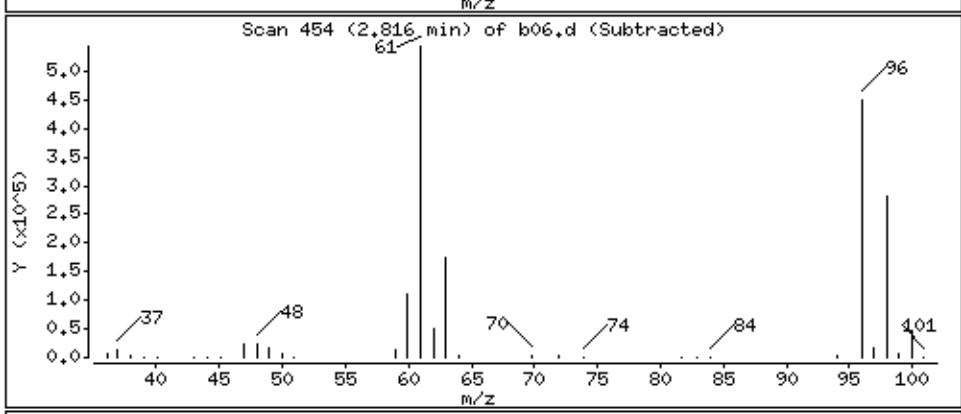
Column diameter: 0.18

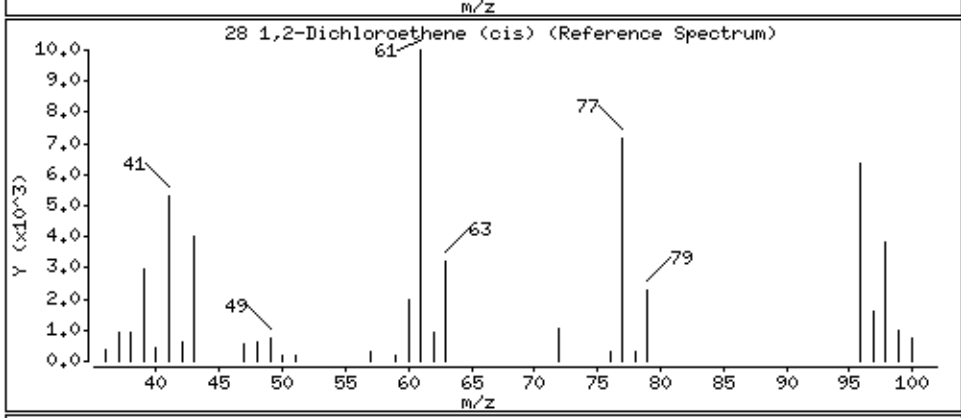
28 1,2-Dichloroethene (cis)

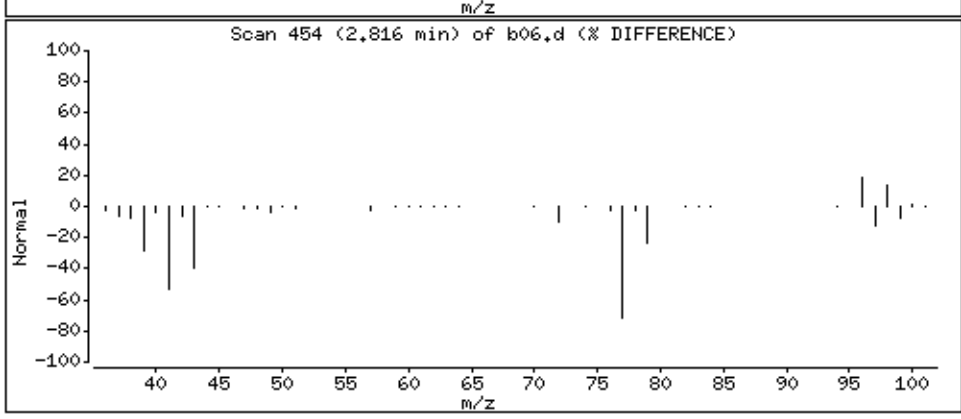
Concentration: 415 ppb

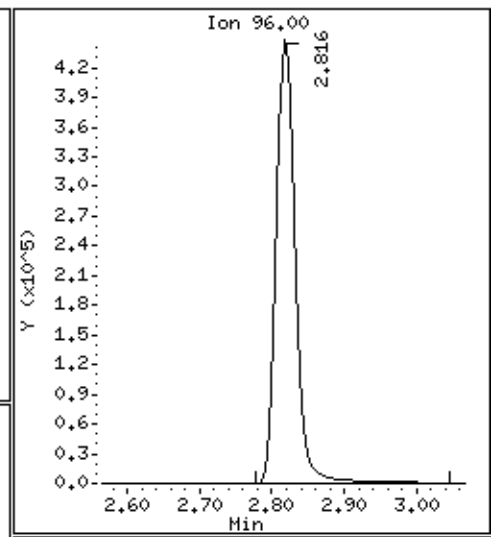
Review Code:

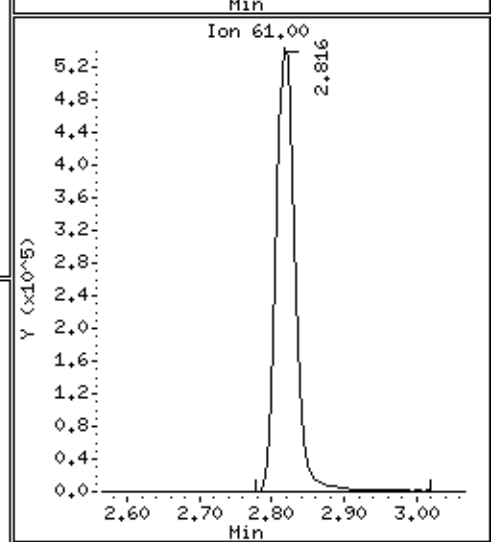


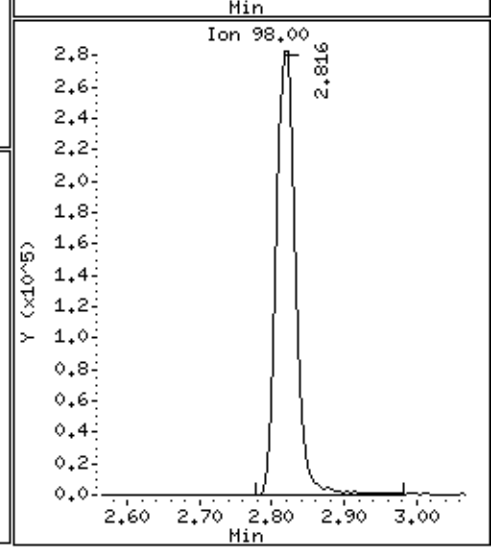












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b06.d
Injection Date: 10-OCT-2017 14:33
Instrument: 50mv3b.i
Lab Sample ID: 50180760035
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0608-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 20:24 Lab Sample ID: 50180760035

Date Analyzed: 10/10/2017 20:24 Lab File ID: B101017.B\B17.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 5 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
156-59-2	cis-1,2-Dichloroethene	427	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b17.d
Lab Smp Id: 50180760035 Client Smp ID: MW-0608-S1 (092717)
Inj Date : 10-OCT-2017 20:24
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760035x5
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 36
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
3 Vinyl Chloride	62	1.046	1.048	(0.252)	2842	1.11048	5.55(Q)	
22 1,2-Dichloroethene (trans)	96	2.045	2.041	(0.492)	16575	9.28993	46.4	
28 1,2-Dichloroethene (cis)	96	2.820	2.816	(0.678)	159927	85.3209	427(Q)	
$ 35 Dibromofluoromethane (S)	113	3.332	3.334	(0.801)	65148	49.3775	49.4	
* 44 Fluorobenzene (IS)	96	4.160	4.162	(1.000)	273972	50.0000		
$ 55 Toluene-d8 (S)	98	6.008	6.010	(0.819)	283731	48.8646	48.9	
* 65 Chlorobenzene-D5 (IS)	117	7.338	7.334	(1.000)	219974	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.155	8.157	(1.111)	102548	47.0058	47.0	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.835	(1.000)	113534	50.0000		

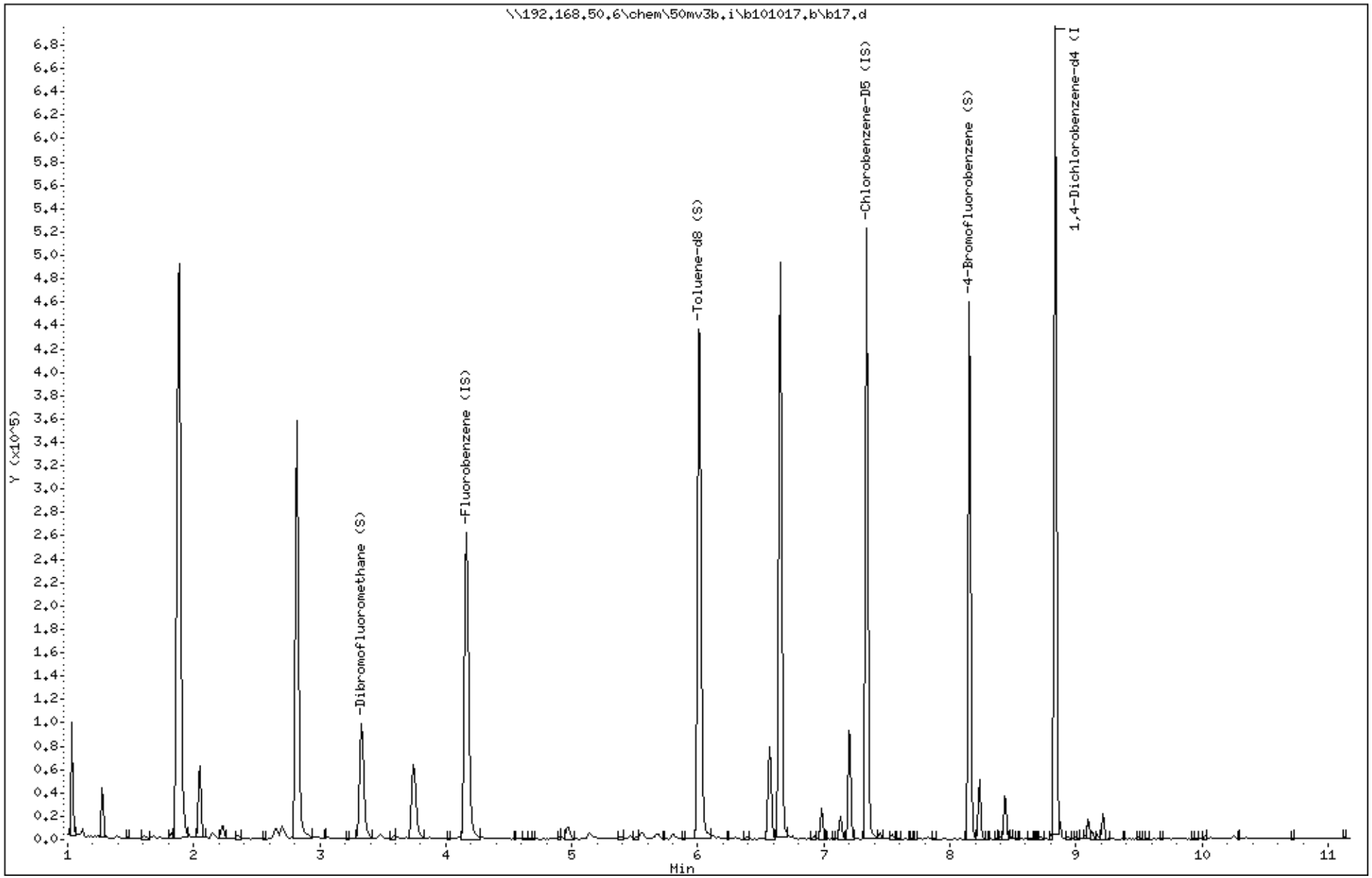
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b17.d
Date : 10-OCT-2017 20:24
Client ID: MW-0608-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760035x5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b17.d

Date : 10-OCT-2017 20:24

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035x5

Purge Volume: 5.0

Operator: jlz

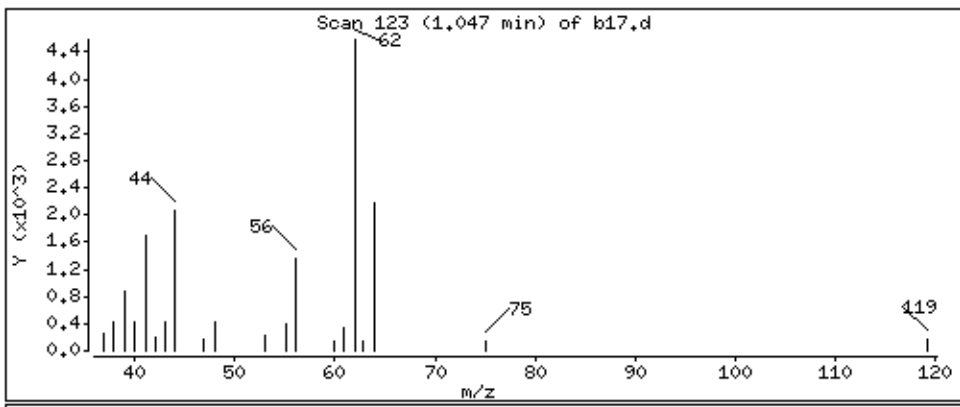
Column phase: DB-624

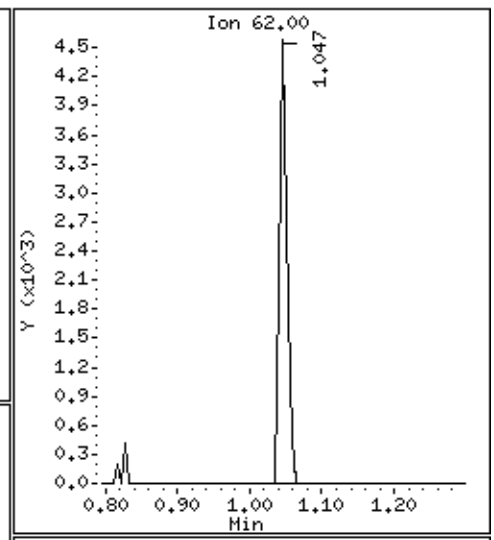
Column diameter: 0.18

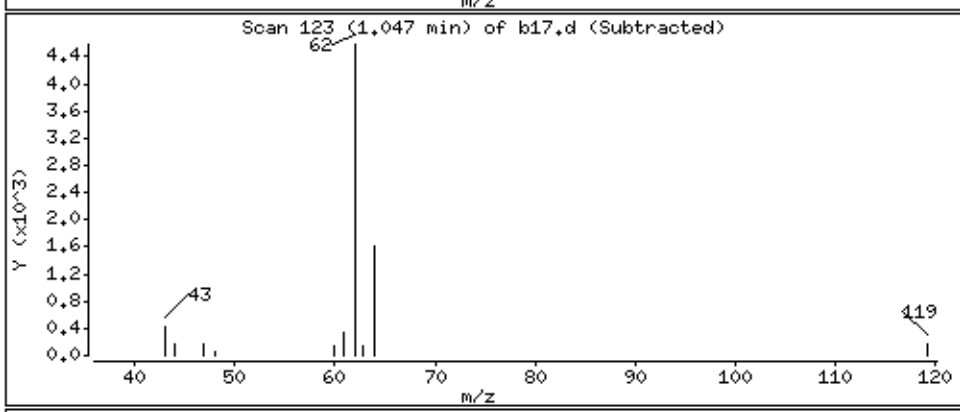
3 Vinyl Chloride

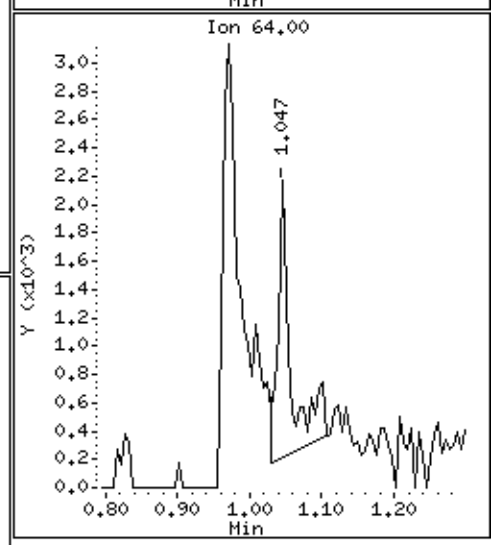
Concentration: 5.55 ppb

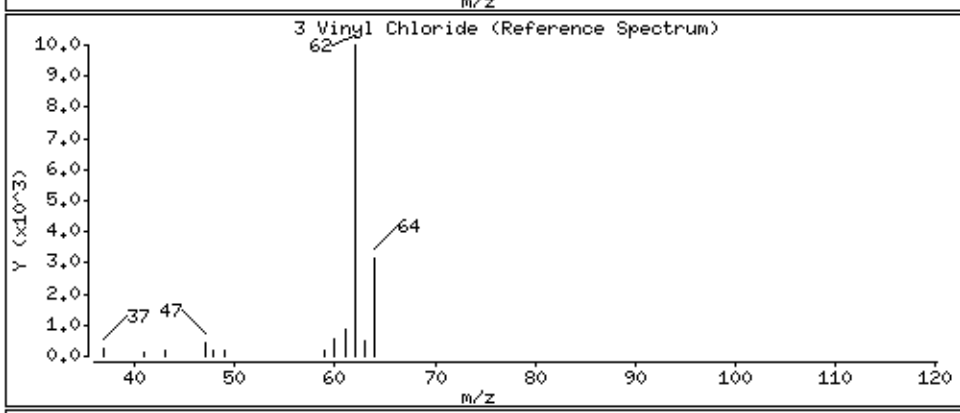
Review Code:

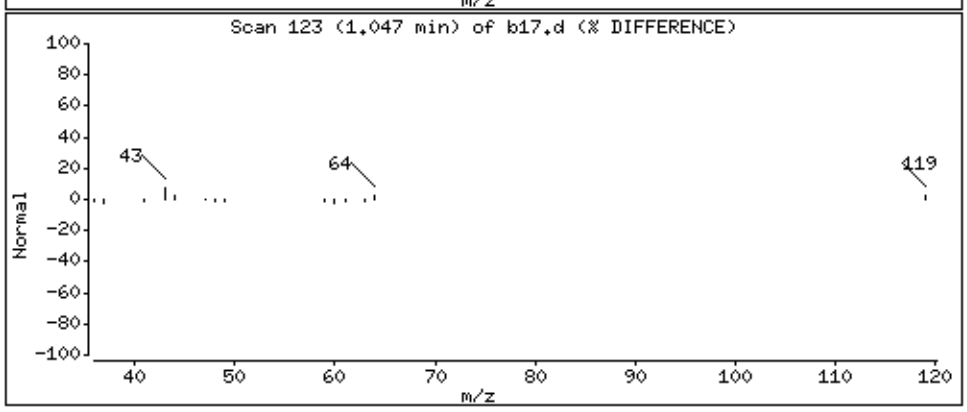












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b17.d

Date : 10-OCT-2017 20:24

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035x5

Purge Volume: 5.0

Operator: jlz

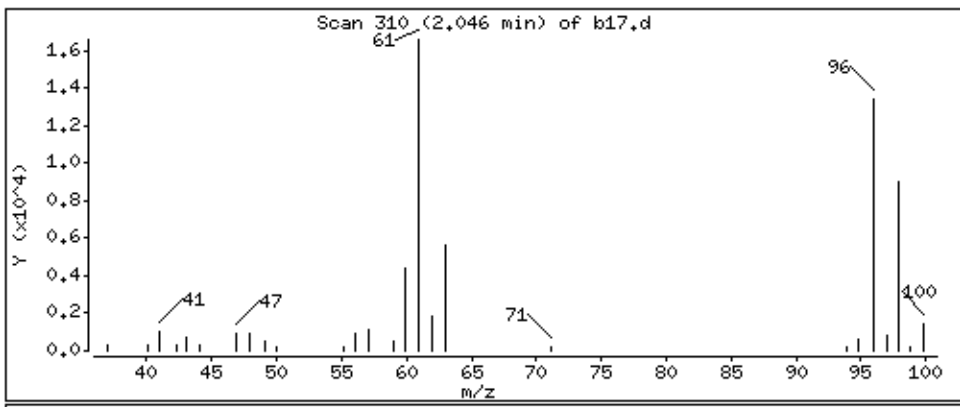
Column phase: DB-624

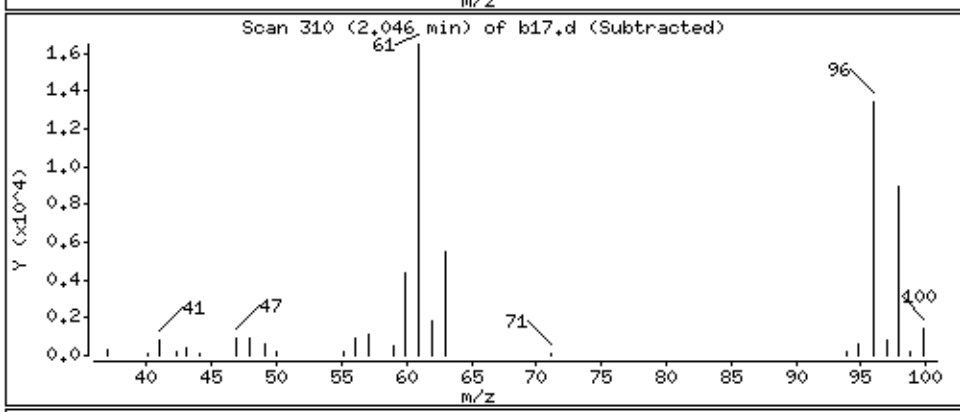
Column diameter: 0.18

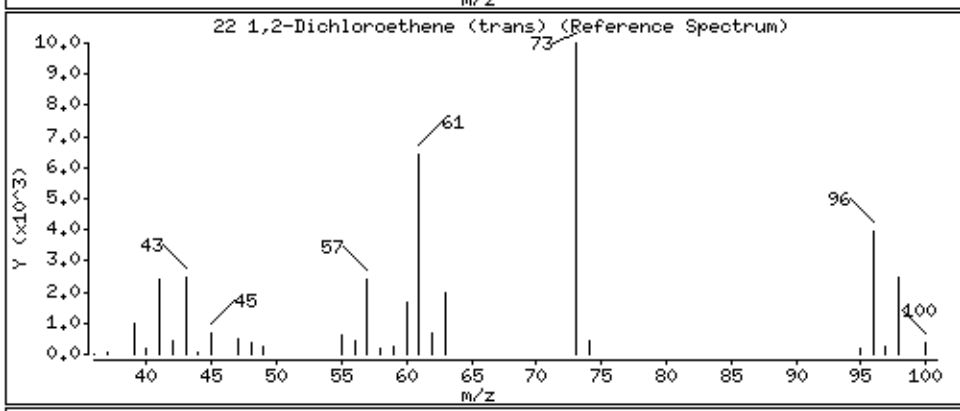
22 1,2-Dichloroethene (trans)

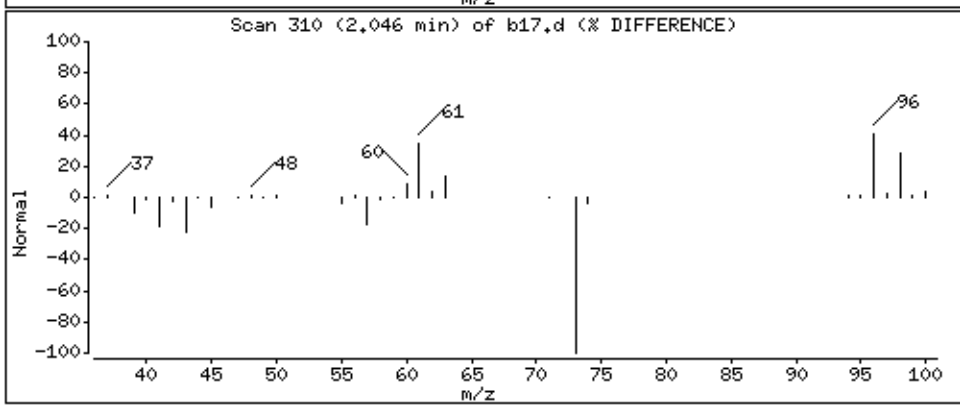
Concentration: 46.4 ppb

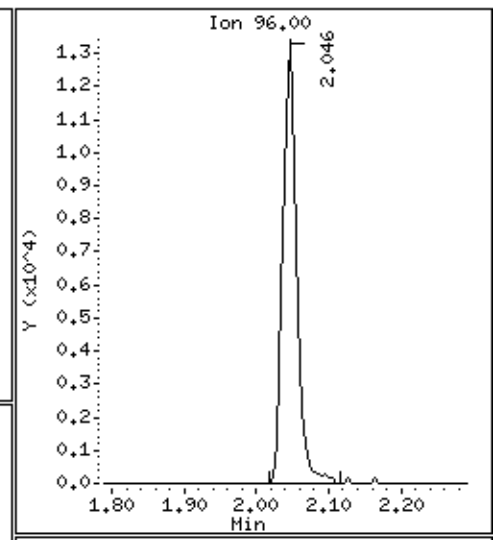
Review Code:

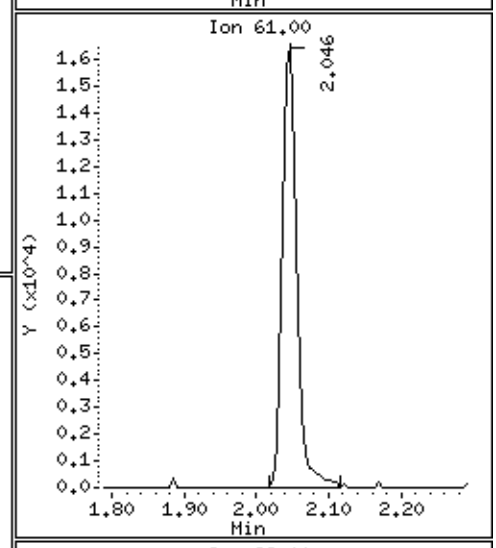


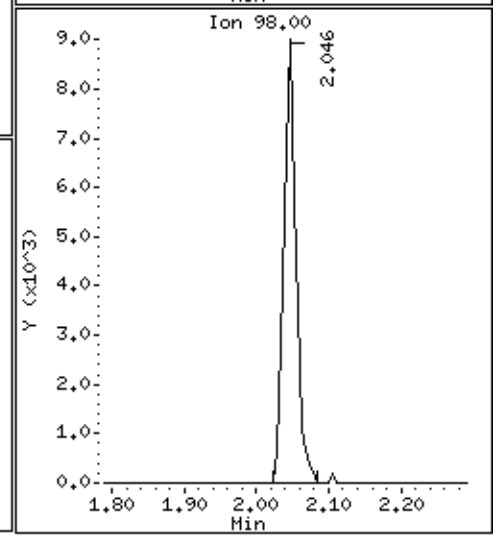












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b17.d

Date : 10-OCT-2017 20:24

Client ID: MW-0608-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760035x5

Purge Volume: 5.0

Operator: jlz

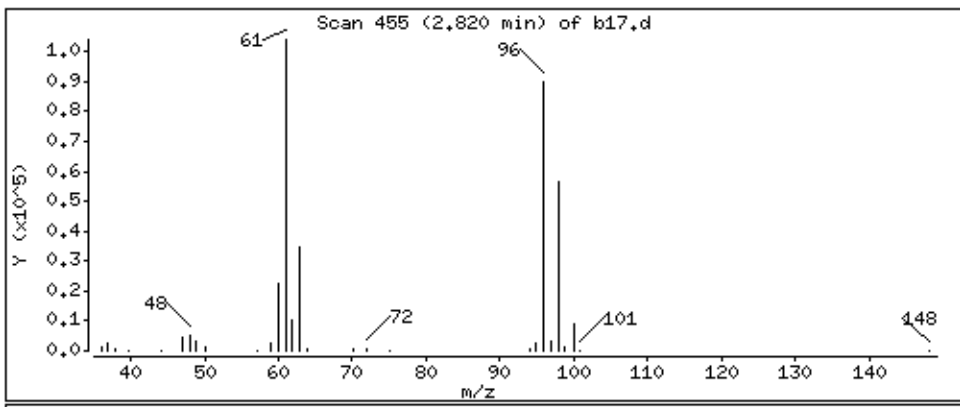
Column phase: DB-624

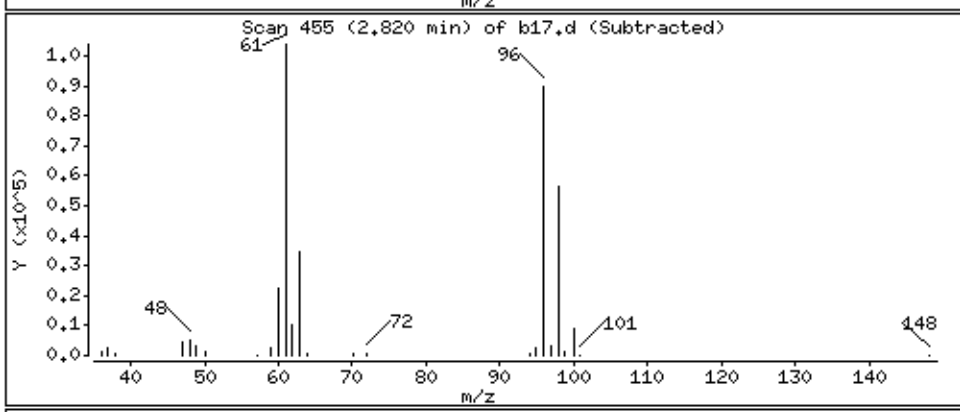
Column diameter: 0.18

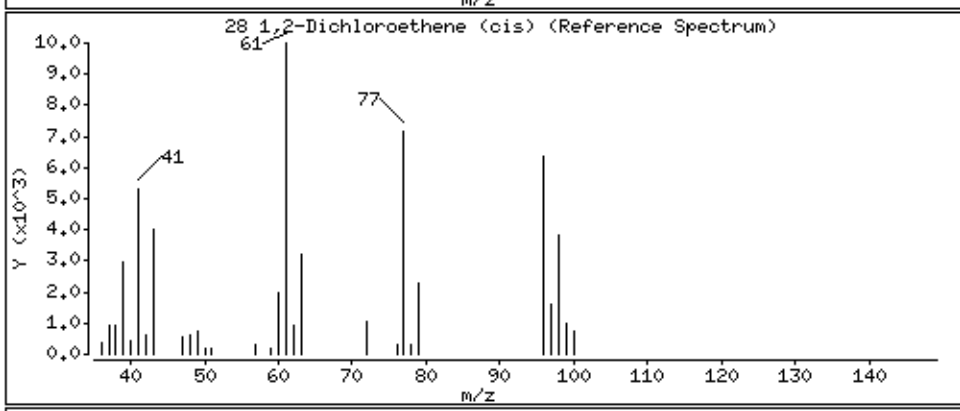
28 1,2-Dichloroethene (cis)

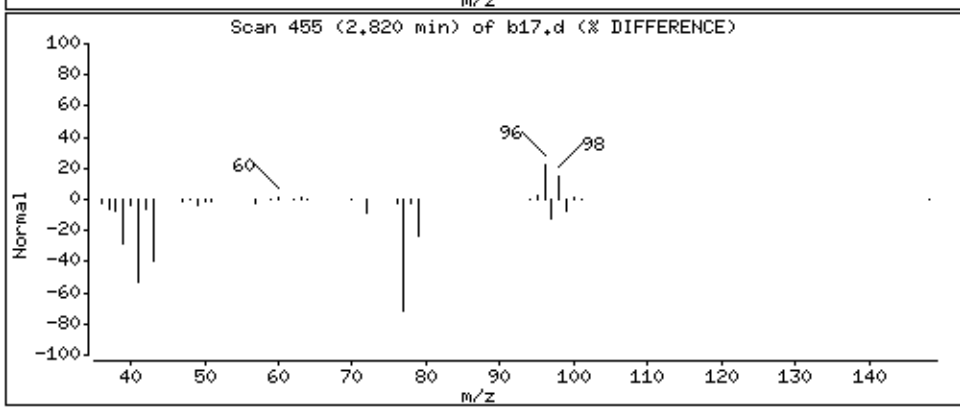
Concentration: 427 ppb

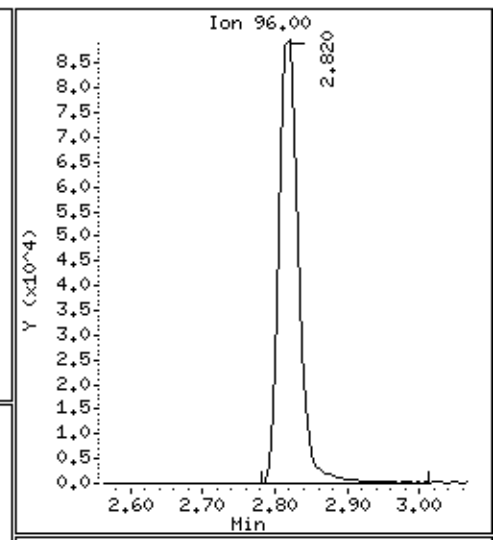
Review Code:

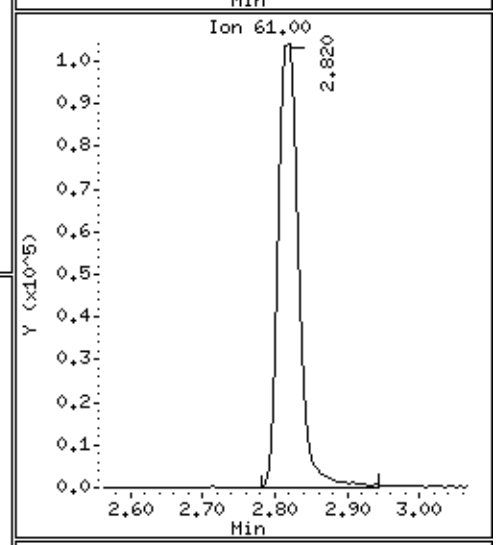


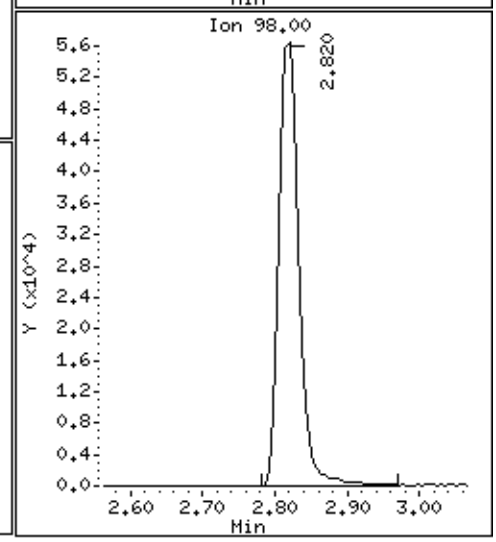












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b17.d
Injection Date: 10-OCT-2017 20:24
Instrument: 50mv3b.i
Lab Sample ID: 50180760035
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0609-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 15:05 Lab Sample ID: 50180760036

Date Analyzed: 10/10/2017 15:05 Lab File ID: B101017.B\B07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	147	
156-60-5	trans-1,2-Dichloroethene	8.1	
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0609-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 15:05 Lab Sample ID: 50180760036

Date Analyzed: 10/10/2017 15:05 Lab File ID: B101017.B\B07.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	15.0	
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d
Lab Smp Id: 50180760036 Client Smp ID: MW-0609-S1 (092717)
Inj Date : 10-OCT-2017 15:05
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760036
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
3 Vinyl Chloride	62	1.045	1.048	(0.251)	37434	14.9855	15.0	
12 Acetone	43	1.616	1.609	(0.388)	5306	22.1715	22.2	
22 1,2-Dichloroethene (trans)	96	2.043	2.041	(0.491)	14090	8.09071	8.09	
28 1,2-Dichloroethene (cis)	96	2.818	2.816	(0.677)	268307	146.650	147(Q)	
$ 35 Dibromofluoromethane (S)	113	3.331	3.334	(0.800)	60802	47.2132	47.2	
* 44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	267417	50.0000		
45 Trichloroethene	95	4.618	4.610	(1.109)	4776	2.65188	2.65	
$ 55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	274018	49.4271	49.4	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	210026	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.154	8.157	(1.111)	97717	46.9129	46.9	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	112811	50.0000		

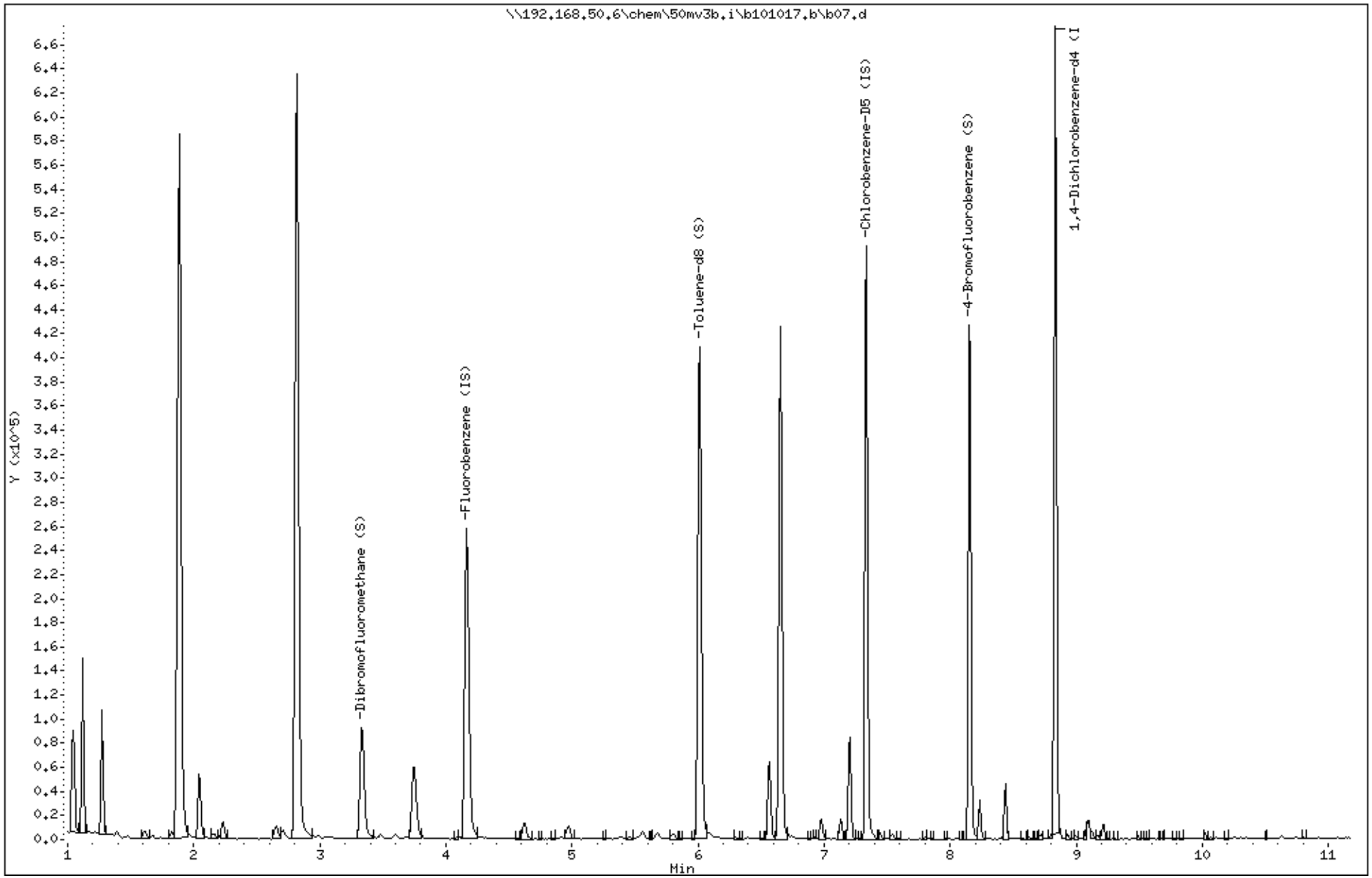
QC Flag Legend

Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d
Date : 10-OCT-2017 15:05
Client ID: MW-0609-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760036
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d

Date : 10-OCT-2017 15:05

Client ID: MW-0609-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760036

Purge Volume: 5.0

Operator: jlz

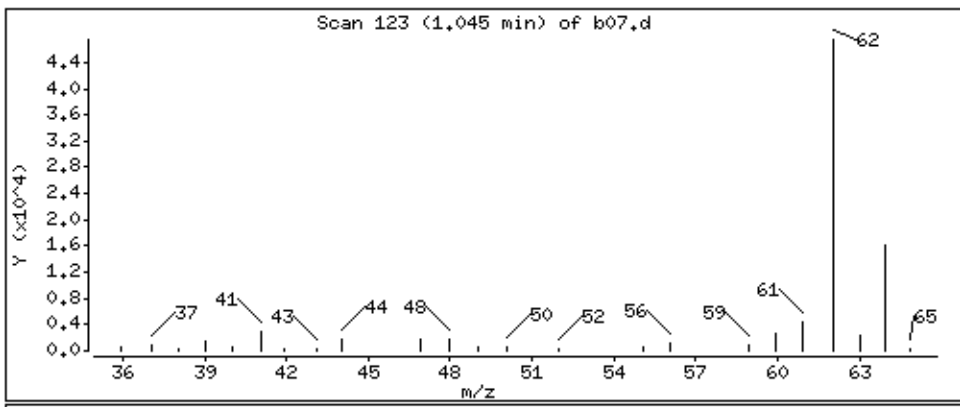
Column phase: DB-624

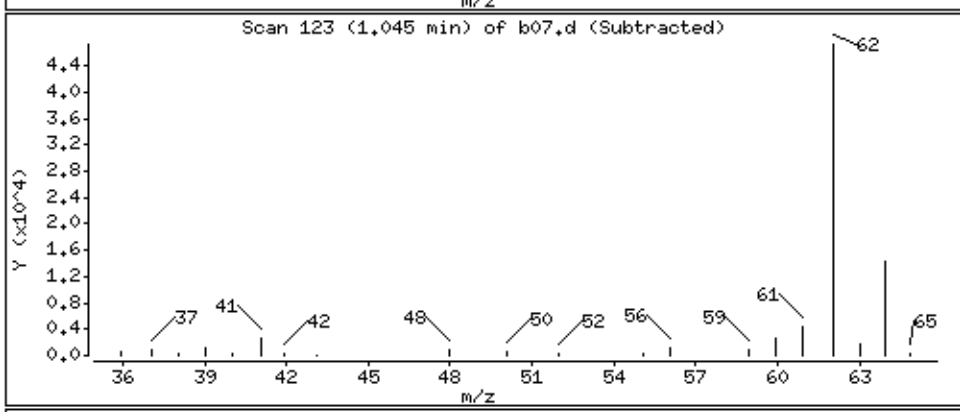
Column diameter: 0.18

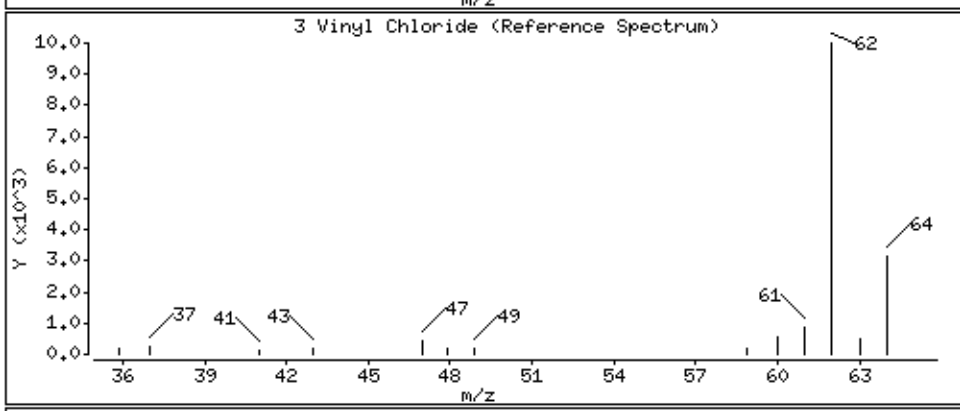
3 Vinyl Chloride

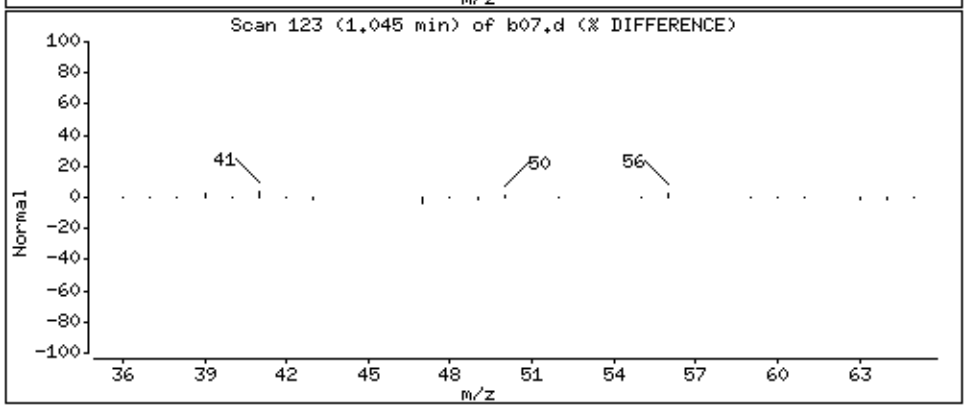
Concentration: 15.0 ppb

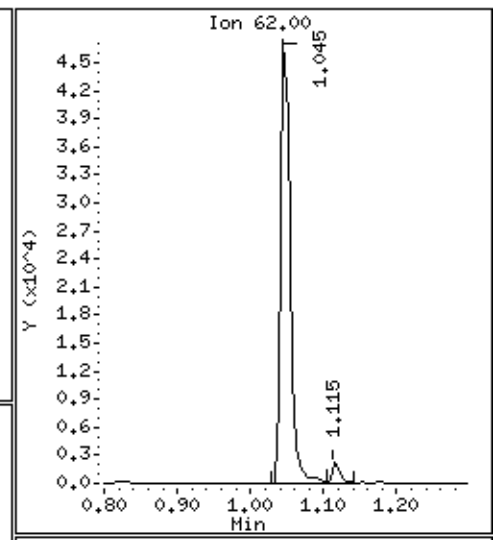
Review Code:

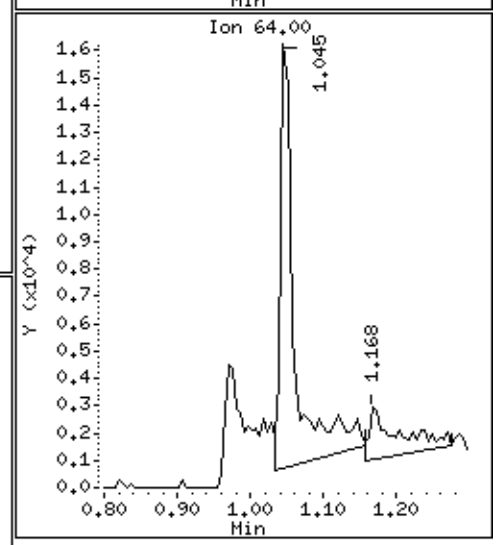












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d

Date : 10-OCT-2017 15:05

Client ID: MW-0609-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760036

Purge Volume: 5.0

Operator: jlz

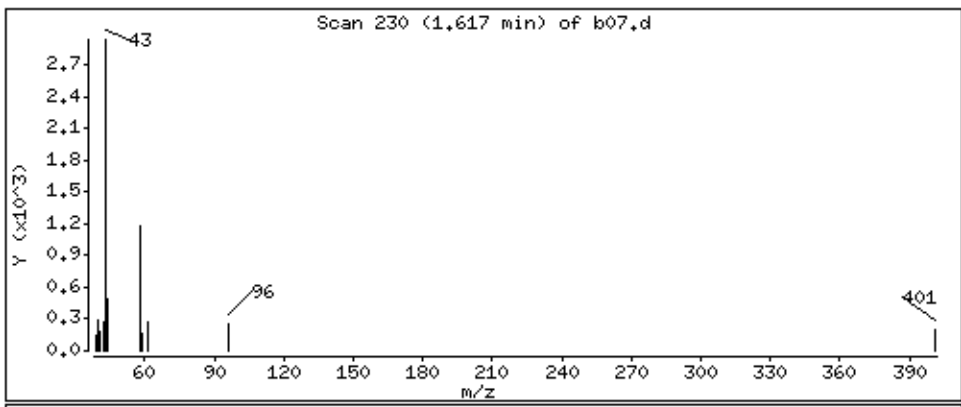
Column phase: DB-624

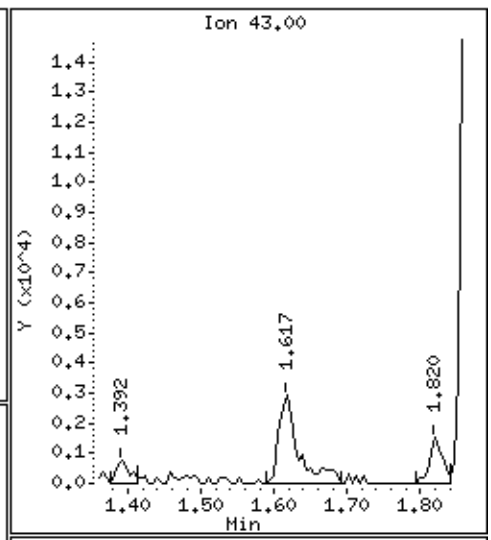
Column diameter: 0.18

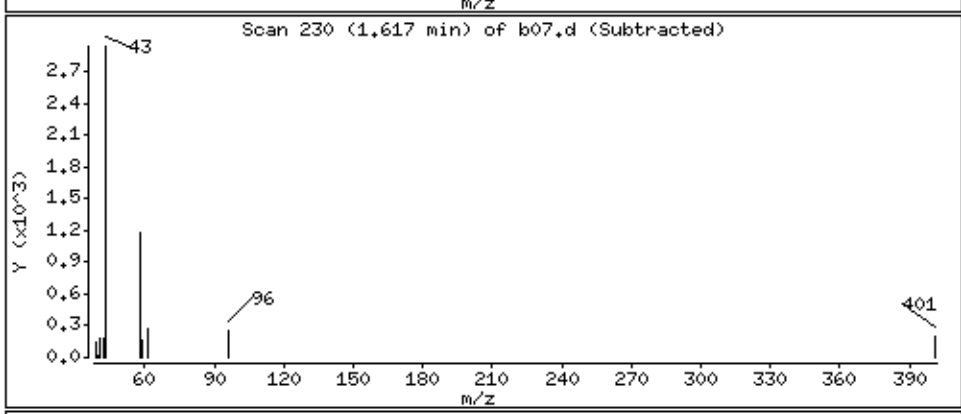
12 Acetone

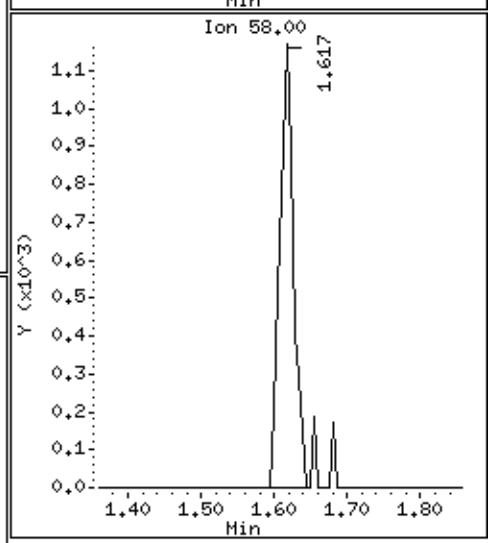
Concentration: 22.2 ppb

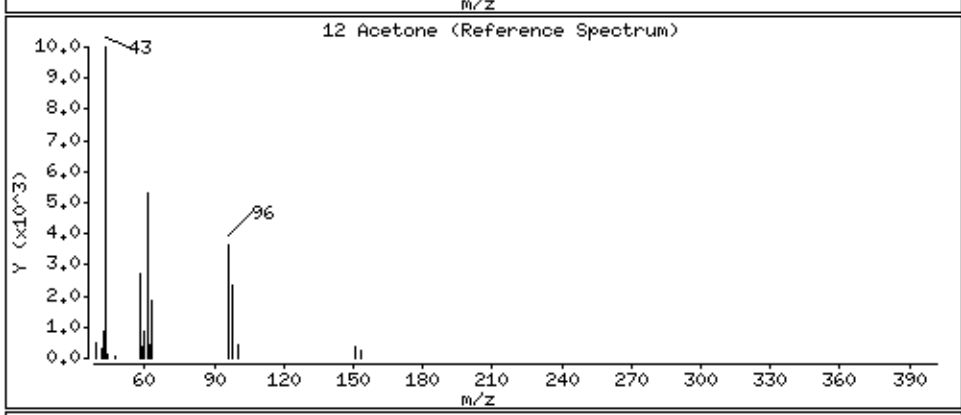
Review Code:

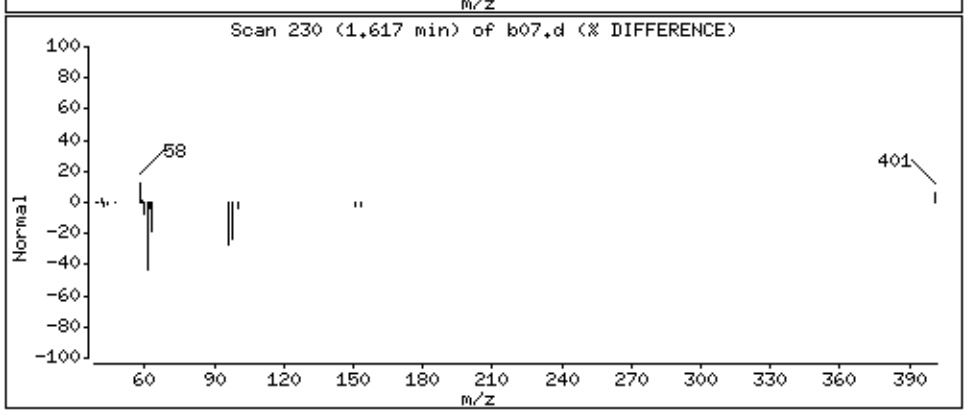












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d

Date : 10-OCT-2017 15:05

Client ID: MW-0609-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760036

Purge Volume: 5.0

Operator: jlz

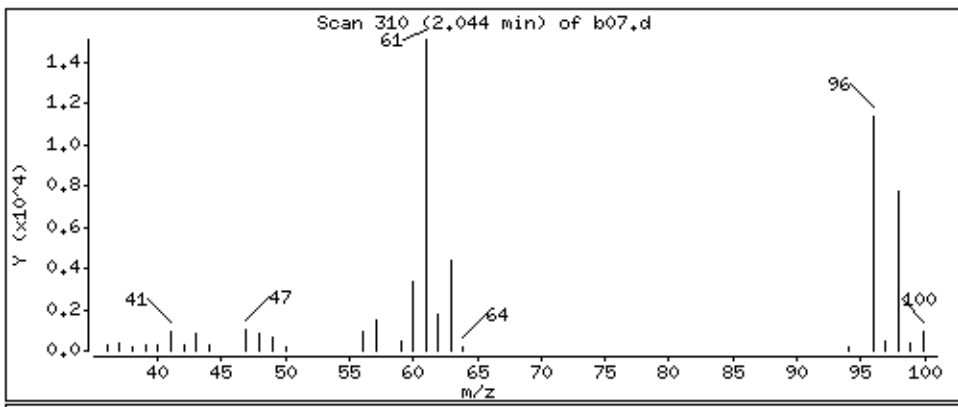
Column phase: DB-624

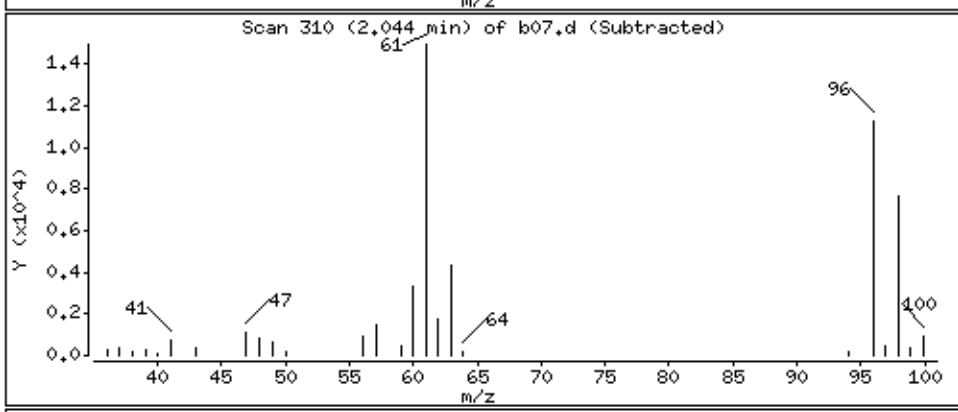
Column diameter: 0.18

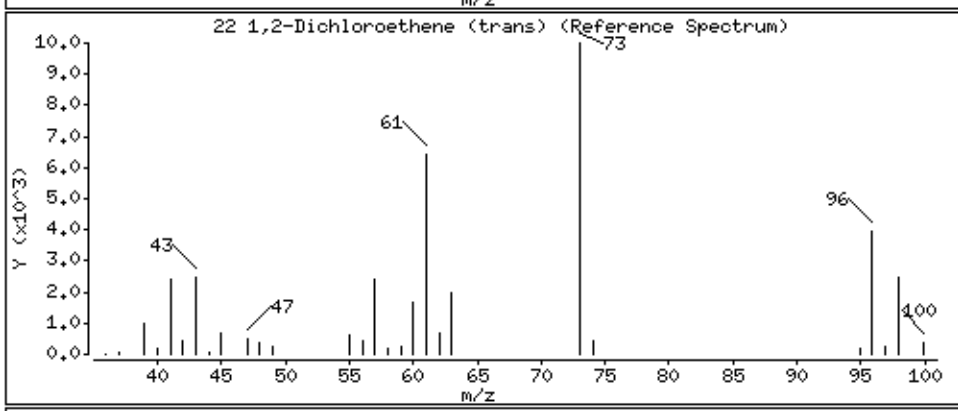
22 1,2-Dichloroethene (trans)

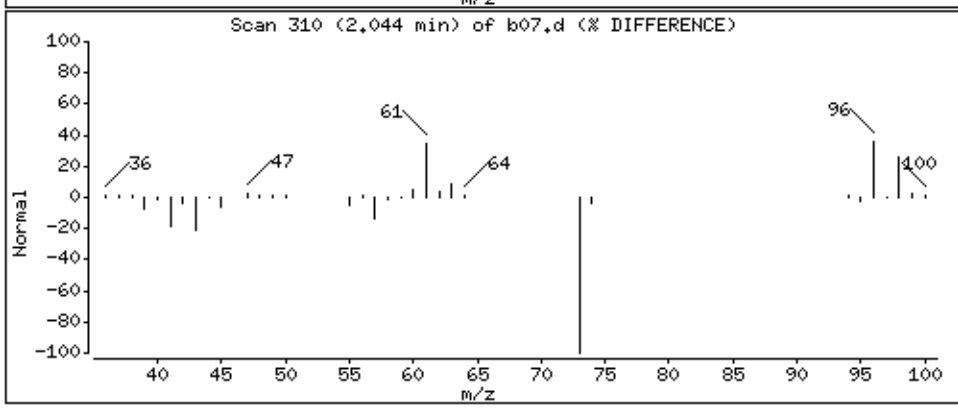
Concentration: 8.09 ppb

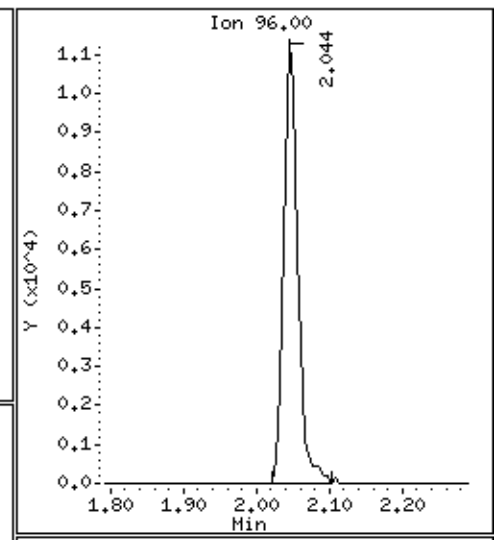
Review Code:

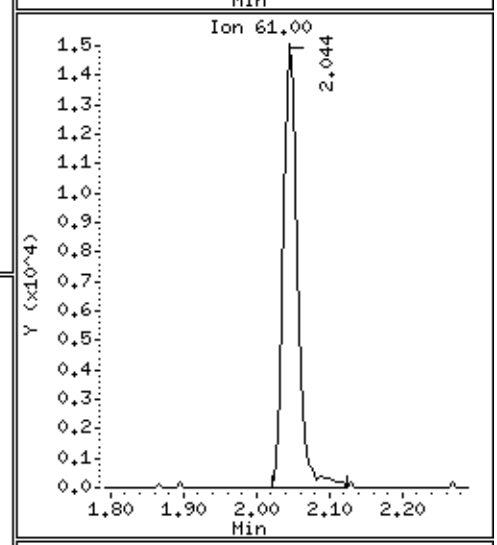


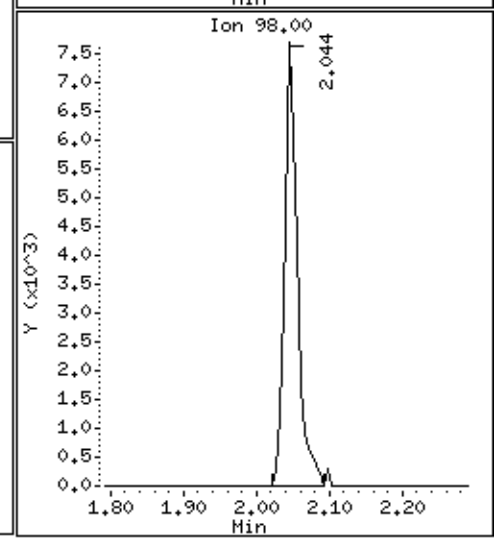












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d

Date : 10-OCT-2017 15:05

Client ID: MW-0609-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760036

Purge Volume: 5.0

Operator: jlz

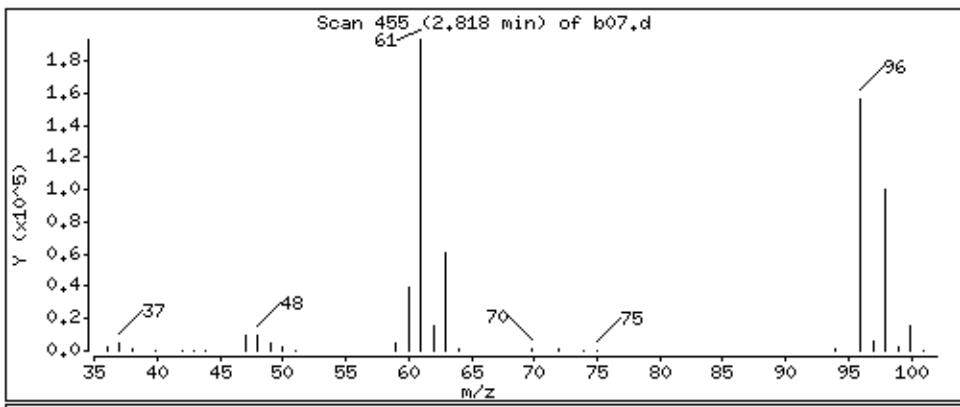
Column phase: DB-624

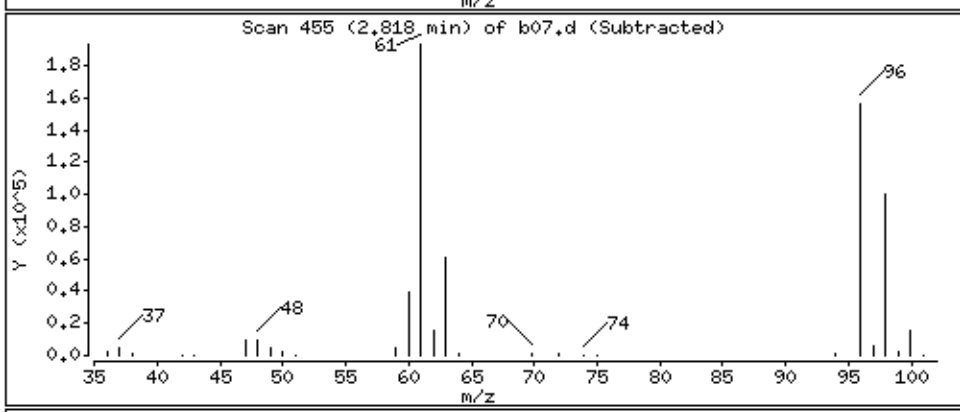
Column diameter: 0.18

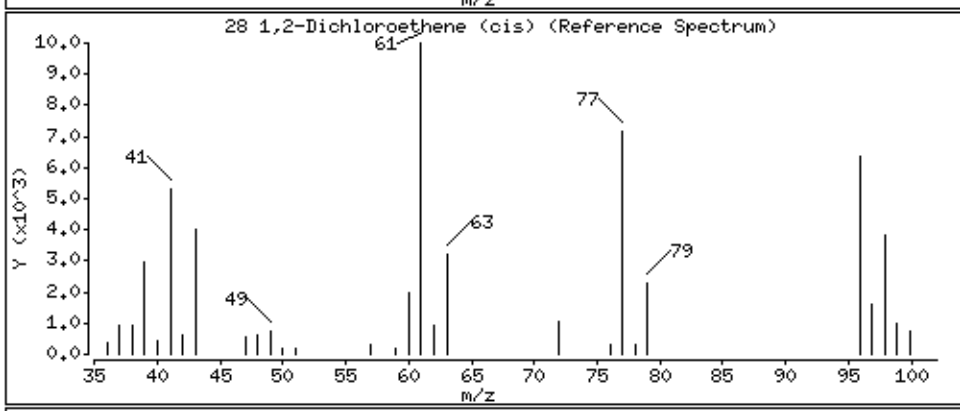
28 1,2-Dichloroethene (cis)

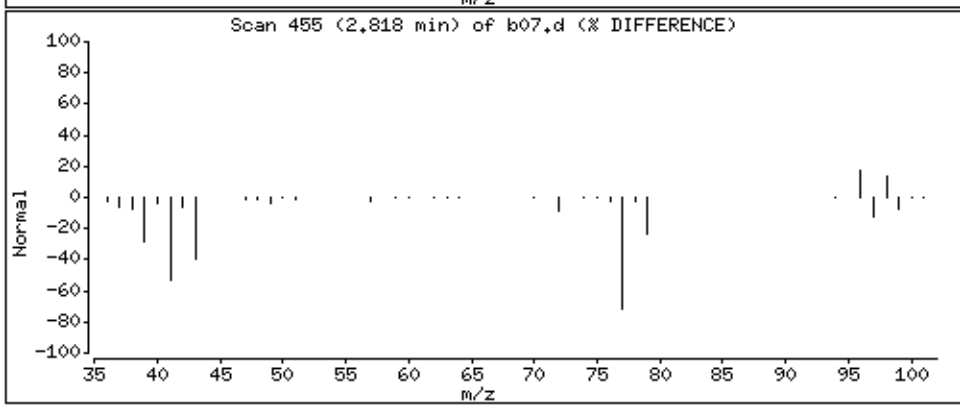
Concentration: 147 ppb

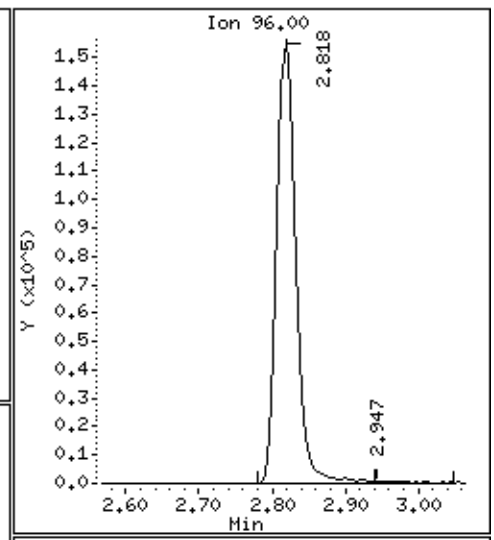
Review Code:

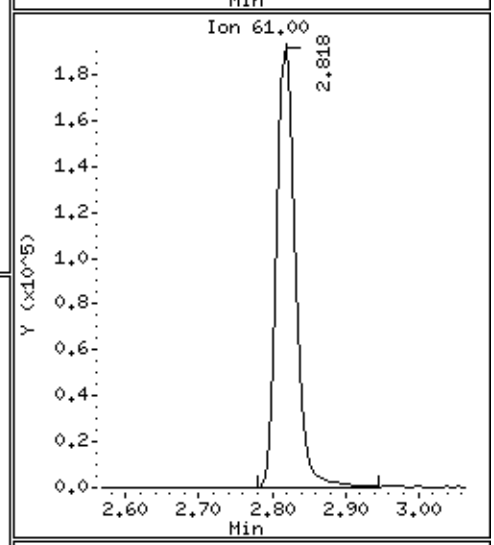


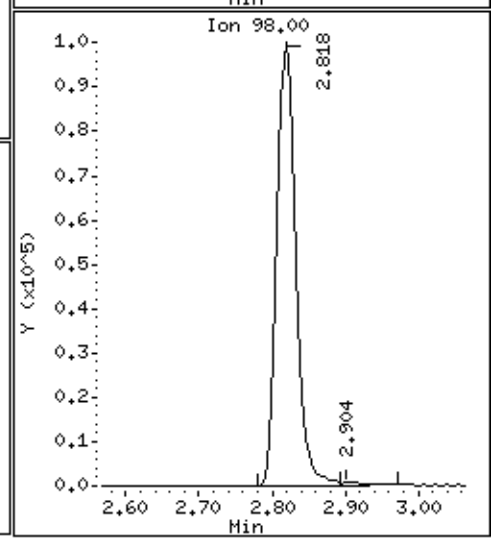












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b07.d

Date : 10-OCT-2017 15:05

Client ID: MW-0609-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760036

Purge Volume: 5.0

Operator: jlz

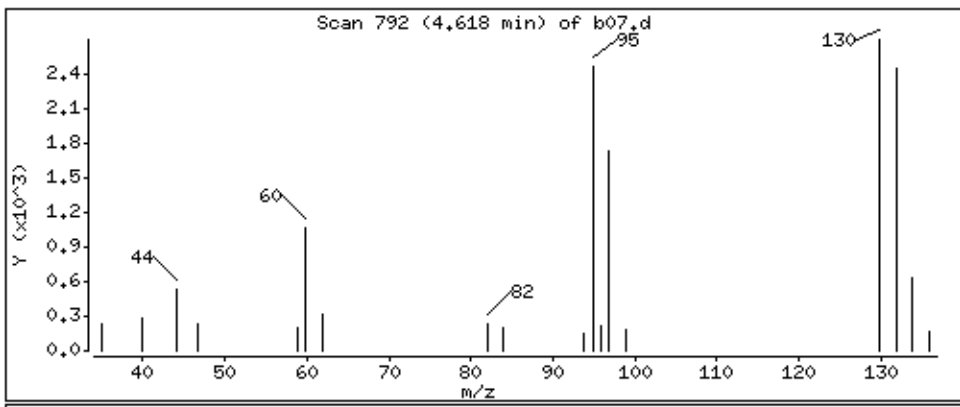
Column phase: DB-624

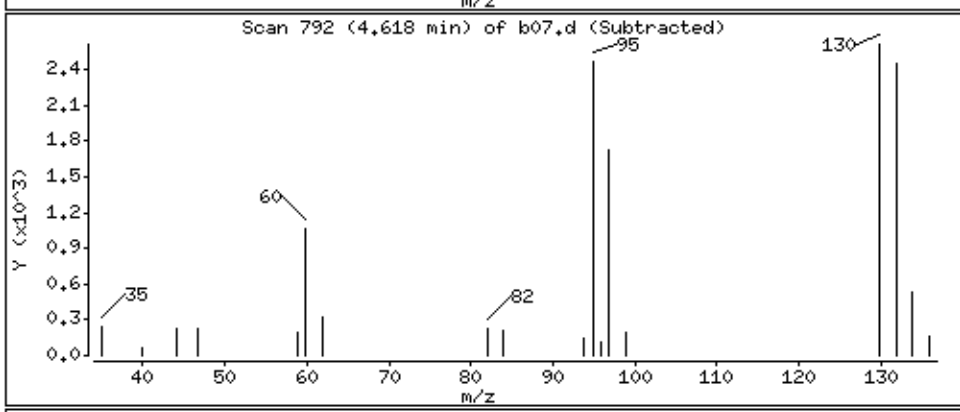
Column diameter: 0.18

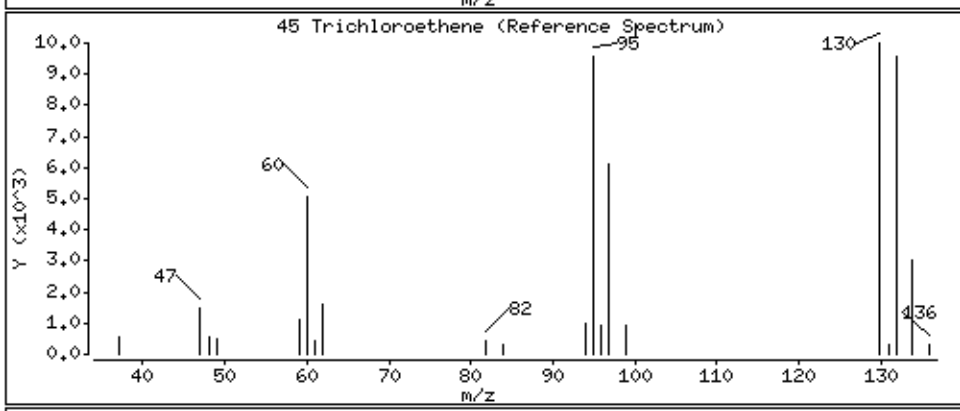
45 Trichloroethene

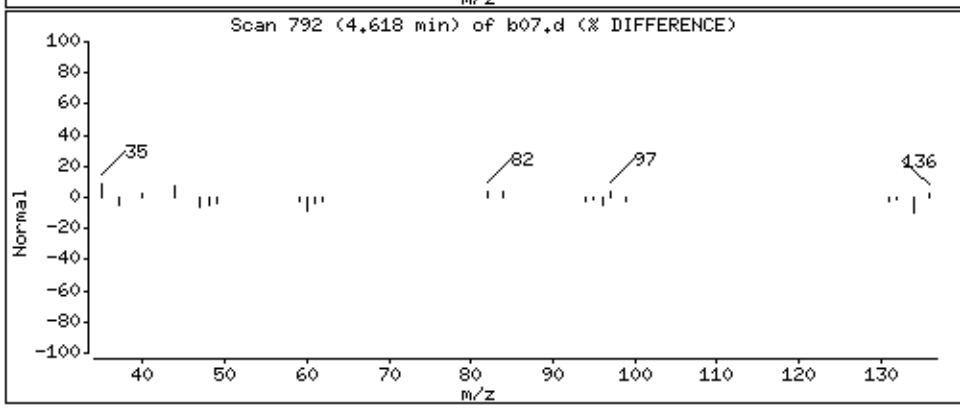
Concentration: 2.65 ppb

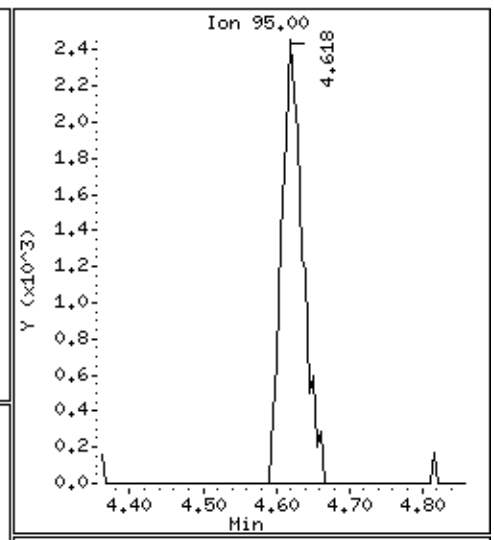
Review Code:

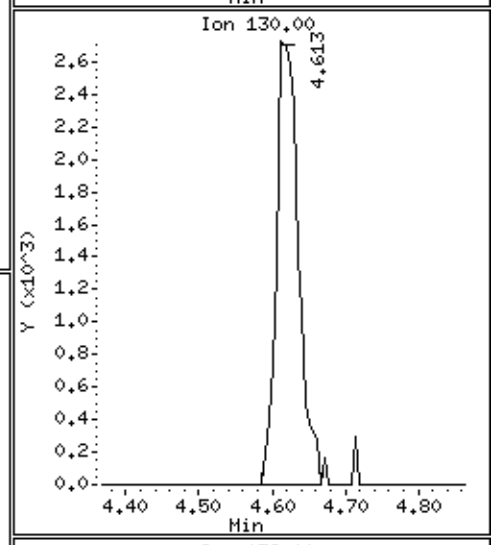


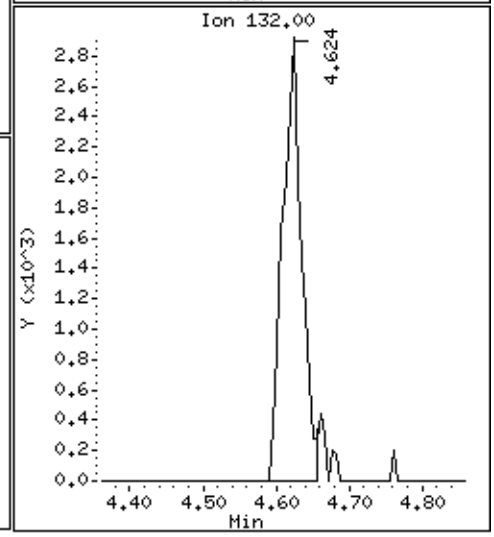












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b07.d
Injection Date: 10-OCT-2017 15:05
Instrument: 50mv3b.i
Lab Sample ID: 50180760036
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0610-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 15:37 Lab Sample ID: 50180760037

Date Analyzed: 10/10/2017 15:37 Lab File ID: B101017.B\B08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0610-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 15:37 Lab Sample ID: 50180760037

Date Analyzed: 10/10/2017 15:37 Lab File ID: B101017.B\B08.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b08.d
Lab Smp Id: 50180760037 Client Smp ID: MW-0610-S1 (092717)
Inj Date : 10-OCT-2017 15:37
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760037
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

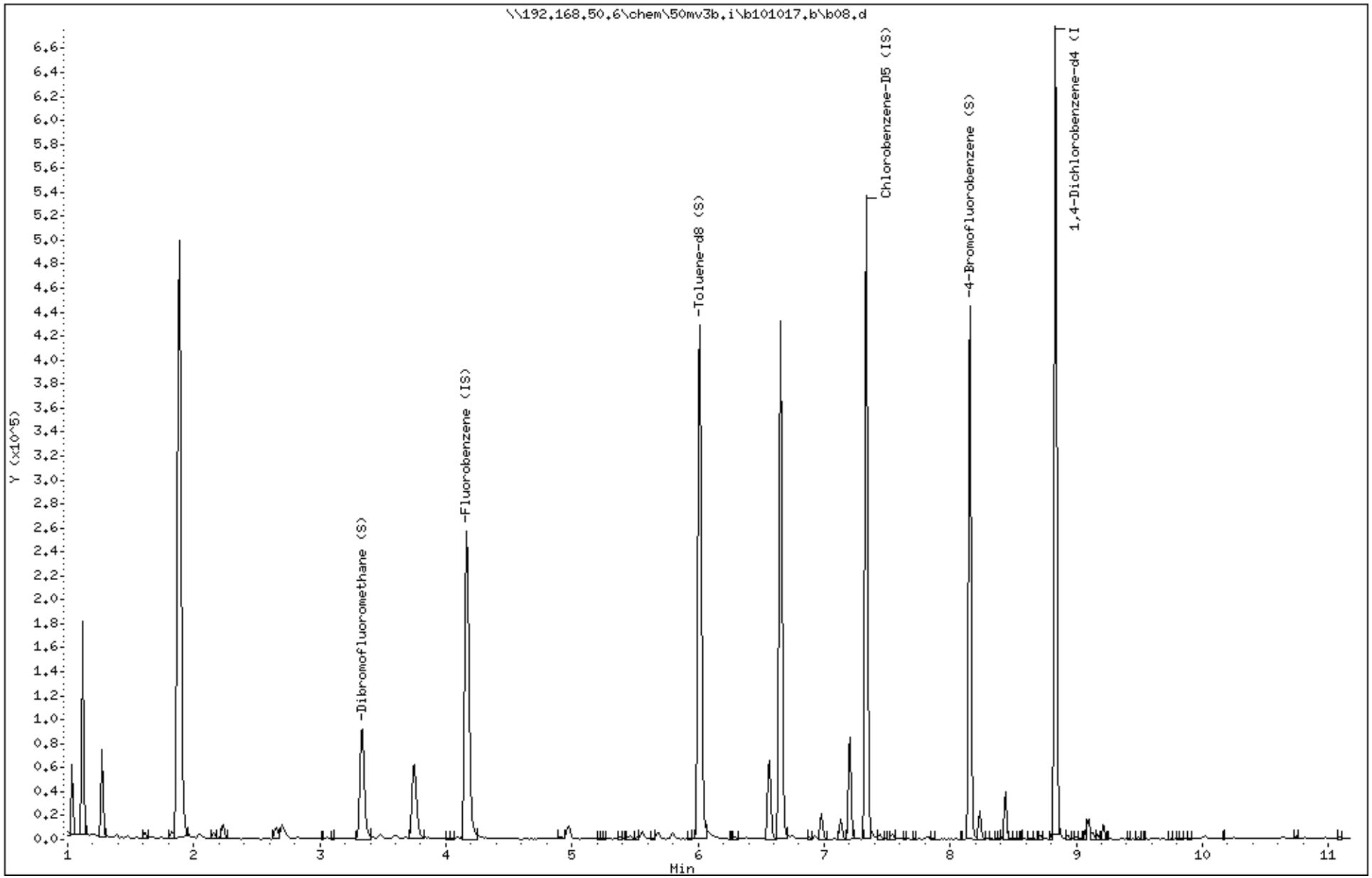
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.616	1.609	(0.388)	5968	24.6524	24.6	
$ 35 Dibromofluoromethane (S)	113	3.336	3.334	(0.801)	61583	47.2727	47.3	
* 44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	270511	50.0000		
$ 55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	279403	49.2971	49.3	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	214718	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.159	8.157	(1.112)	99563	46.7547	46.8	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	112722	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b08.d
Date : 10-OCT-2017 15:37
Client ID: MW-0610-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760037
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b08.d

Date : 10-OCT-2017 15:37

Client ID: MW-0610-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760037

Purge Volume: 5.0

Operator: jlz

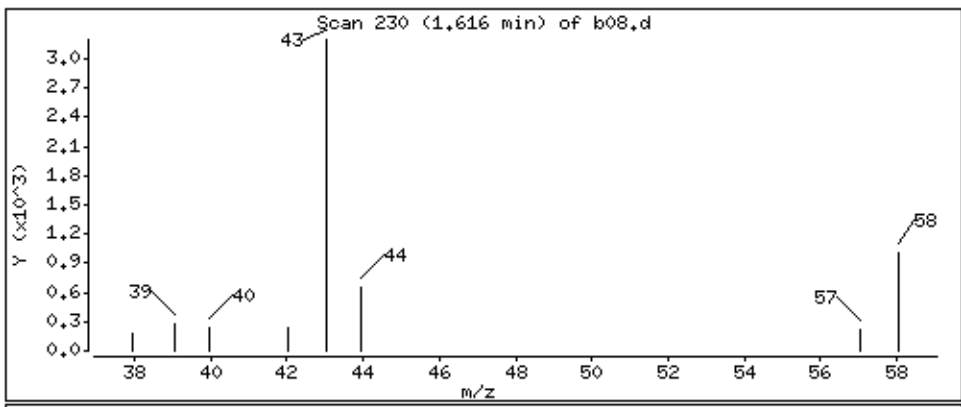
Column phase: DB-624

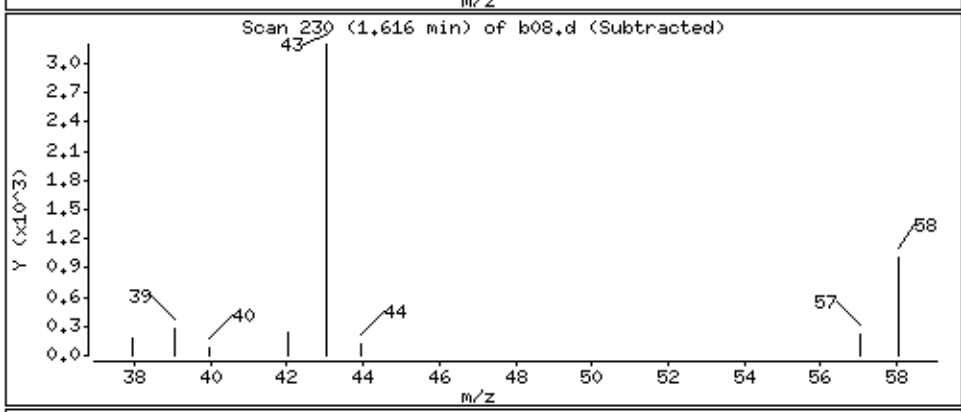
Column diameter: 0.18

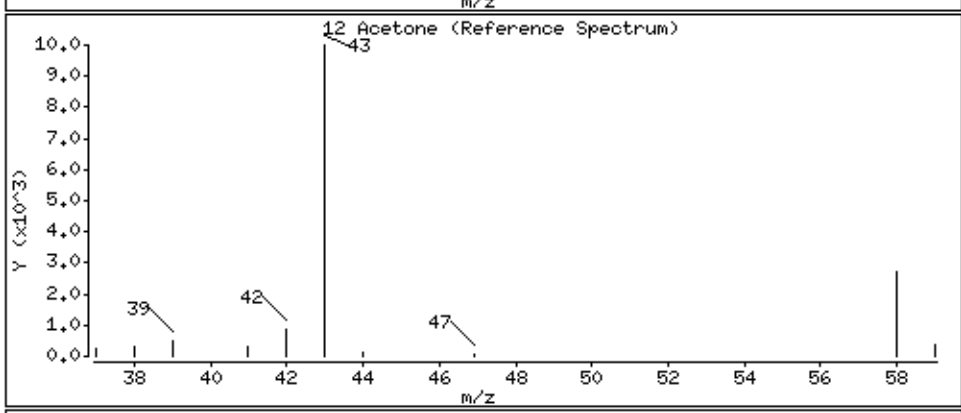
12 Acetone

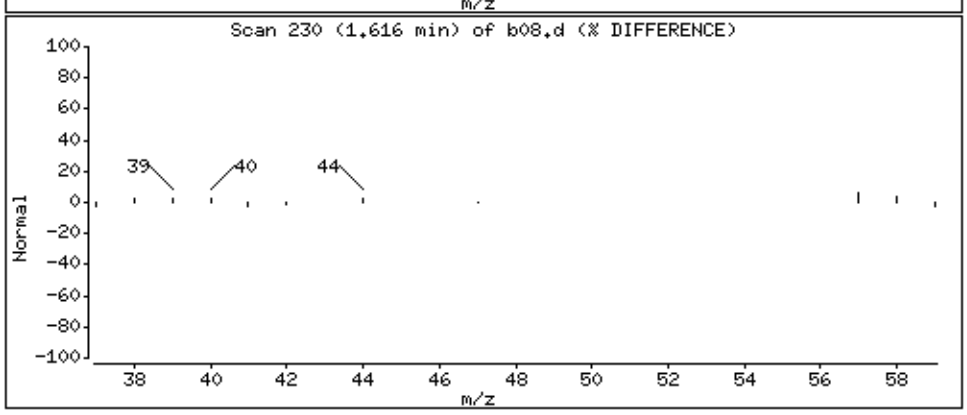
Concentration: 24.6 ppb

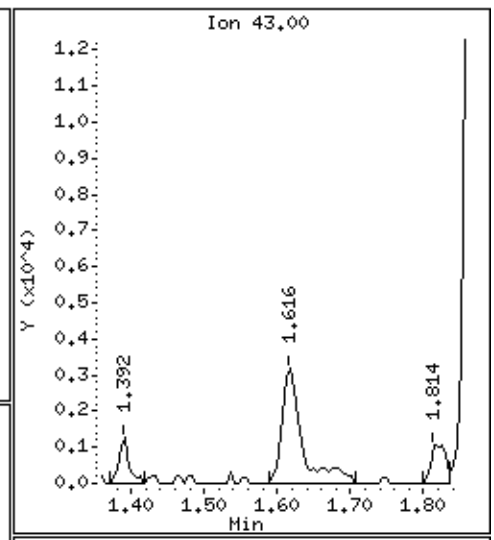
Review Code:

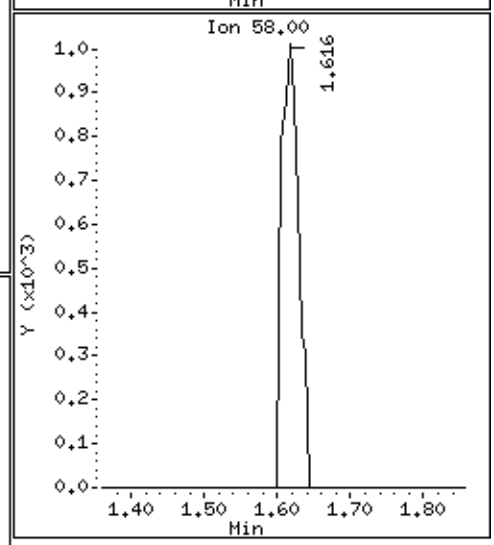












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b08.d
Injection Date: 10-OCT-2017 15:37
Instrument: 50mv3b.i
Lab Sample ID: 50180760037
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MW-0602-S1 (092717)

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 16:09 Lab Sample ID: 50180760038

Date Analyzed: 10/10/2017 16:09 Lab File ID: B101017.B\B09.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0602-S1 (092717)

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 16:09 Lab Sample ID: 50180760038

Date Analyzed: 10/10/2017 16:09 Lab File ID: B101017.B\B09.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b09.d
Lab Smp Id: 50180760038 Client Smp ID: MW-0602-S1 (092717)
Inj Date : 10-OCT-2017 16:09
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 50180760038
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

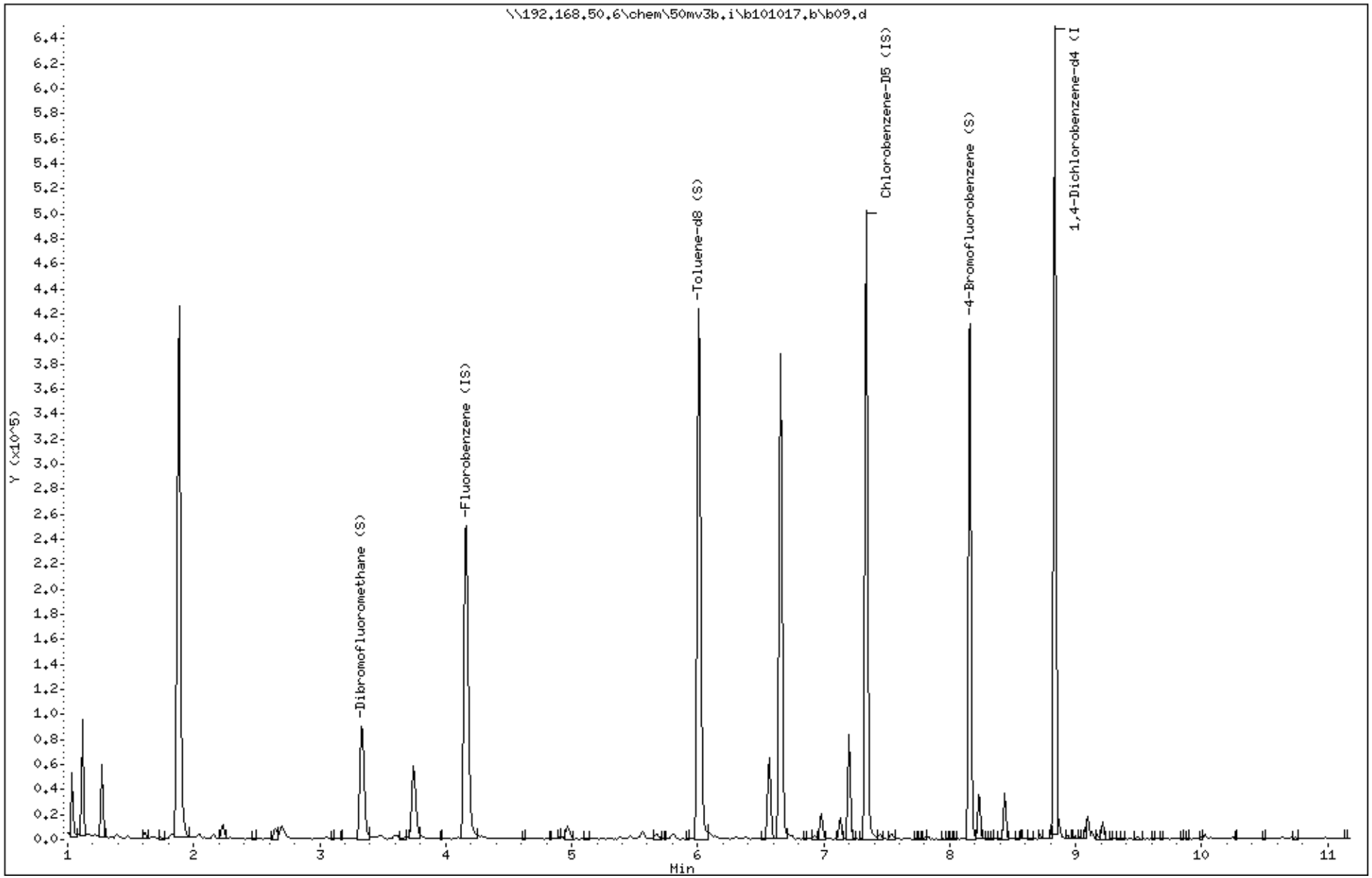
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
12 Acetone	43	1.616	1.609	(0.388)	4645	19.4889	19.5	
$ 35 Dibromofluoromethane (S)	113	3.336	3.334	(0.801)	60407	47.0984	47.1	
* 44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	266327	50.0000		
$ 55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	275553	49.2540	49.2	
* 65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	211945	50.0000		
$ 74 4-Bromofluorobenzene (S)	95	8.153	8.157	(1.111)	96090	45.7141	45.7	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	110523	50.0000		

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b09.d
Date : 10-OCT-2017 16:09
Client ID: MW-0602-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 50180760038
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b09.d

Date : 10-OCT-2017 16:09

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 50180760038

Purge Volume: 5.0

Operator: jlz

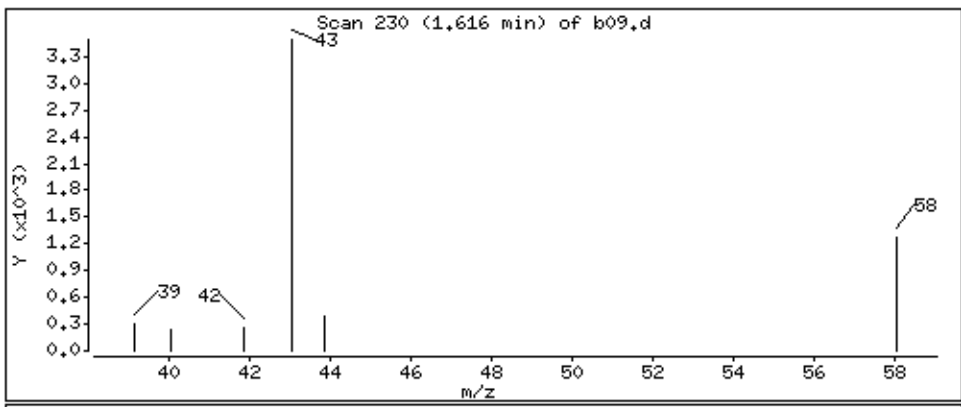
Column phase: DB-624

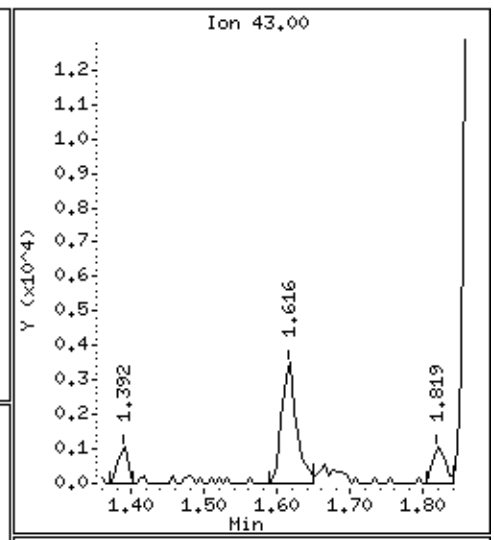
Column diameter: 0.18

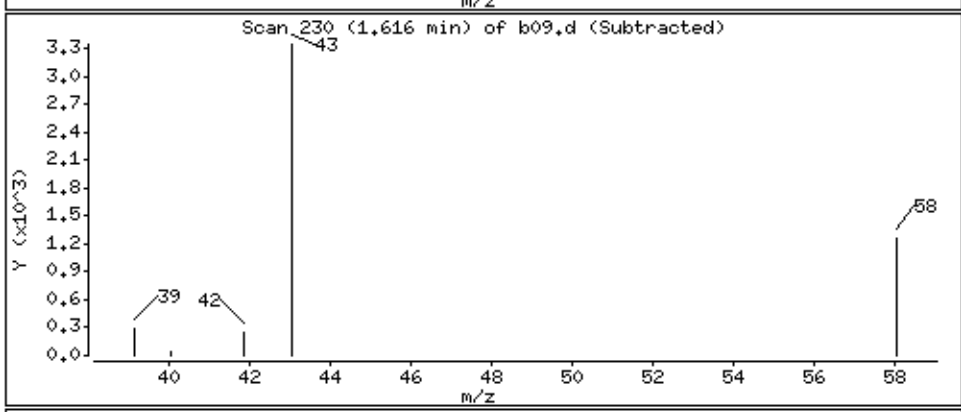
12 Acetone

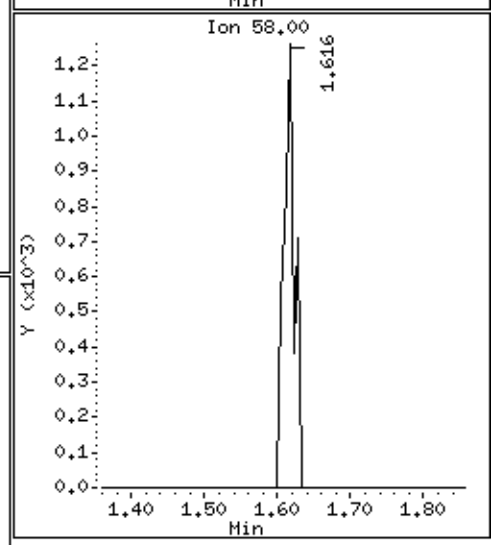
Concentration: 19.5 ppb

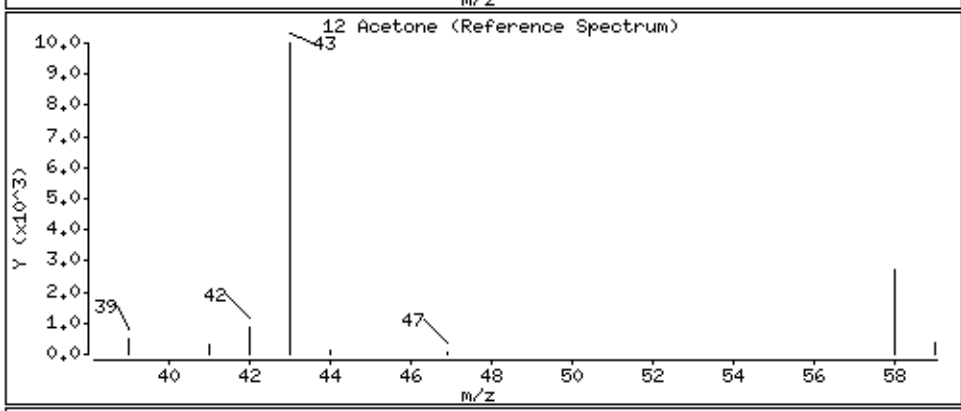
Review Code:

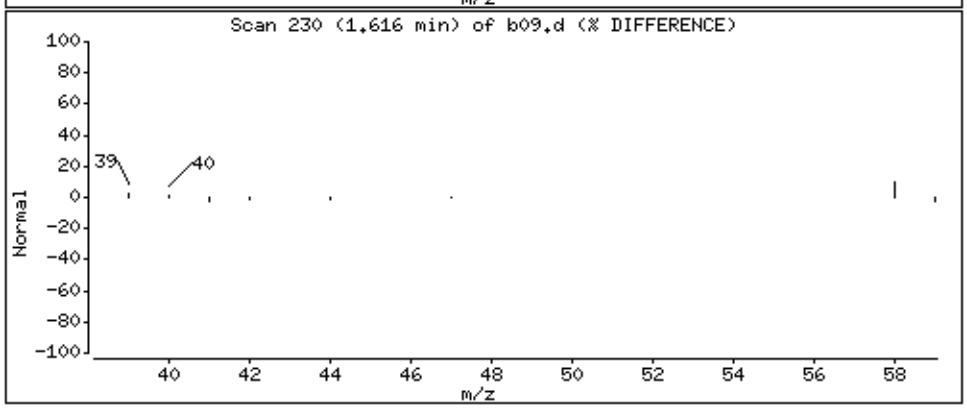












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b09.d
Injection Date: 10-OCT-2017 16:09
Instrument: 50mv3b.i
Lab Sample ID: 50180760038
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM VI VOA-1
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D
CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D
CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Acetone	Linear		0.06586	0.05581	0.03630	0.04040	0.03450
Benzene	Averaged	1.10527	1.07545	1.05597	1.17230	1.15789	1.05712
Bromodichloromethane	Averaged		0.36019	0.33140	0.34751	0.34321	0.31294
Bromoform	Averaged	0.46936	0.50517	0.42631	0.46977	0.48397	0.48561
Bromomethane	Averaged	0.11877	0.12157	0.11440	0.13576	0.13273	0.14663
2-Butanone (MEK)	Averaged		0.01602	0.01581	0.01616	0.01571	0.01565
Carbon disulfide	Averaged	1.07663	0.94755	0.83358	0.89690	0.82709	0.73779
Carbon tetrachloride	Averaged	0.41834	0.38606	0.40469	0.44457	0.42434	0.38386
Chlorobenzene	Averaged	1.03921	0.96220	0.90498	1.01902	1.02265	0.95775
Chloroethane	Averaged		0.21853	0.22005	0.22863	0.21757	0.19918
Chloroform	Averaged	0.49302	0.47987	0.46708	0.50392	0.49856	0.45436
Chloromethane	Averaged	0.24531	0.22718	0.23720	0.27216	0.24313	0.21952
Cyclohexane	Averaged	0.56133	0.57667	0.55199	0.59724	0.55888	0.49140
1,2-Dibromo-3-chloropropane	Averaged		0.07603	0.08535	0.07540	0.07921	0.08388
Dibromochloromethane	Averaged	0.37049	0.29939	0.31143	0.33996	0.34412	0.32943
1,2-Dibromoethane (EDB)	Averaged	0.25851	0.25105	0.24363	0.24529	0.25756	0.25390
1,2-Dichlorobenzene	Averaged	1.47448	1.31464	1.20614	1.33140	1.34971	1.28965
1,3-Dichlorobenzene	Averaged	1.65965	1.67551	1.53202	1.65336	1.67547	1.55741
1,4-Dichlorobenzene	Averaged	1.63081	1.73546	1.46715	1.70686	1.61162	1.50711
Dichlorodifluoromethane	Averaged		0.24731	0.28653	0.30966	0.28395	0.26884
1,1-Dichloroethane	Averaged		0.50094	0.49816	0.54877	0.53670	0.49868
1,2-Dichloroethane	Averaged		0.32779	0.30006	0.30695	0.31287	0.28691
1,1-Dichloroethene	Averaged	0.29669	0.26858	0.27818	0.29578	0.27911	0.25463
cis-1,2-Dichloroethene	Averaged	0.30981	0.31603	0.28901	0.33022	0.31304	0.28795
trans-1,2-Dichloroethene	Averaged	0.29887	0.28827	0.27271	0.30196	0.29005	0.27266
1,2-Dichloropropane	Averaged	0.28257	0.26964	0.25626	0.26670	0.27472	0.25360
cis-1,3-Dichloropropene	Averaged	0.64148	0.62370	0.59537	0.66352	0.66182	0.64175
trans-1,3-Dichloropropene	Averaged	0.52068	0.47909	0.48204	0.49917	0.53254	0.52404
Ethylbenzene	Averaged	0.86670	0.72645	0.60640	0.63300	0.62774	0.56730
2-Hexanone	Averaged		0.13836	0.13895	0.13554	0.14004	0.14475
Isopropylbenzene (Cumene)	Averaged	1.83744	1.73247	1.67714	1.85246	1.80702	1.66074
Methyl acetate	Averaged			0.06503	0.10182	0.10731	0.11552
Methylcyclohexane	Averaged	0.45444	0.48018	0.37437	0.46475	0.44311	0.41084
Methylene Chloride	Averaged			0.34088	0.30598	0.27112	0.23042
4-Methyl-2-pentanone (MIBK)	Averaged	0.29243	0.25712	0.21342	0.20892	0.22023	0.23062

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-2

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D

CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D

CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Methyl-tert-butyl ether	Averaged	0.66551	0.70170	0.60620	0.64626	0.67374	0.65657
Styrene	Averaged	1.61991	1.35333	1.13727	1.11083	1.11704	1.04427
1,1,2,2-Tetrachloroethane	Averaged	0.80971	0.71718	0.68311	0.74250	0.71251	0.71710
Tetrachloroethene	Averaged	0.46935	0.45068	0.44098	0.50214	0.49443	0.46046
Toluene	Averaged	2.10604	1.91275	1.71868	1.84519	1.83912	1.73267
1,2,4-Trichlorobenzene	Averaged		0.89194	0.85658	0.87202	0.88151	0.87464
1,1,1-Trichloroethane	Averaged	0.48952	0.49111	0.47284	0.50290	0.49319	0.43790
1,1,2-Trichloroethane	Averaged		0.31054	0.23277	0.22481	0.22654	0.21927
Trichloroethene	Averaged	0.30252	0.28415	0.28804	0.30582	0.30050	0.26922
Trichlorofluoromethane	Averaged	0.43922	0.41421	0.49703	0.51219	0.47834	0.44916
1,1,2-Trichlorotrifluoroethane	Averaged	0.32744	0.31422	0.31565	0.35927	0.33338	0.30230
Vinyl chloride	Averaged	0.31742	0.33404	0.37315	0.39312	0.37279	0.35992
m&p-Xylene	Averaged	0.85107	0.81553	0.72466	0.76406	0.73698	0.68394
o-Xylene	Averaged	0.74804	0.72619	0.64019	0.68515	0.68195	0.63345
4-Bromofluorobenzene (S)	Averaged	0.41241	0.42390	0.42150	0.41456	0.42459	0.42297
Dibromofluoromethane (S)	Averaged	0.24671	0.24999	0.25848	0.24631	0.24809	0.23886
Toluene-d8 (S)	Averaged	1.49379	1.49391	1.47522	1.44926	1.46835	1.47947

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-3
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D
CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D
CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Acetone	Linear	0.03574	0.03130
Benzene	Averaged	1.19117	1.12320
Bromodichloromethane	Averaged	0.34190	0.31695
Bromoform	Averaged	0.51095	0.44123
Bromomethane	Averaged	0.15230	0.14044
2-Butanone (MEK)	Averaged	0.01667	0.01513
Carbon disulfide	Averaged	0.83478	0.77083
Carbon tetrachloride	Averaged	0.42808	0.39832
Chlorobenzene	Averaged	1.06886	0.98257
Chloroethane	Averaged	0.19269	0.18561
Chloroform	Averaged	0.51493	0.48055
Chloromethane	Averaged	0.21561	0.23035
Cyclohexane	Averaged	0.57658	0.54725
1,2-Dibromo-3-chloropropane	Averaged	0.09778	0.09581
Dibromochloromethane	Averaged	0.35802	0.32535
1,2-Dibromoethane (EDB)	Averaged	0.27130	0.24443
1,2-Dichlorobenzene	Averaged	1.47584	1.45355
1,3-Dichlorobenzene	Averaged	1.74145	1.63484
1,4-Dichlorobenzene	Averaged	1.69932	1.61531
Dichlorodifluoromethane	Averaged	0.25564	0.25683
1,1-Dichloroethane	Averaged	0.58387	0.55094
1,2-Dichloroethane	Averaged	0.31192	0.29009
1,1-Dichloroethene	Averaged	0.28312	0.23588
cis-1,2-Dichloroethene	Averaged	0.32715	0.30922
trans-1,2-Dichloroethene	Averaged	0.32185	0.30138
1,2-Dichloropropane	Averaged	0.27688	0.25907
cis-1,3-Dichloropropene	Averaged	0.72446	0.69975
trans-1,3-Dichloropropene	Averaged	0.58225	0.54567
Ethylbenzene	Averaged	0.61381	0.54717
2-Hexanone	Averaged	0.15739	0.14442
Isopropylbenzene (Cumene)	Averaged	1.74217	1.52766
Methyl acetate	Averaged	0.11537	0.11069
Methylcyclohexane	Averaged	0.46335	0.43374
Methylene Chloride	Averaged	0.24889	0.22901
4-Methyl-2-pentanone (MIBK)	Averaged	0.25751	0.23655

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-4

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D

CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D

CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Methyl-tert-butyl ether	Averaged	0.74344	0.70077
Styrene	Averaged	1.09886	0.97128
1,1,2,2-Tetrachloroethane	Averaged	0.74297	0.63495
Tetrachloroethene	Averaged	0.53634	0.49927
Toluene	Averaged	2.01202	1.93284
1,2,4-Trichlorobenzene	Averaged	1.10073	1.10619
1,1,1-Trichloroethane	Averaged	0.49578	0.46275
1,1,2-Trichloroethane	Averaged	0.24319	0.22233
Trichloroethene	Averaged	0.29676	0.27548
Trichlorofluoromethane	Averaged	0.34168	0.30474
1,1,2-Trichlorotrifluoroethane	Averaged	0.35076	0.32900
Vinyl chloride	Averaged	0.33917	0.34002
m&p-Xylene	Averaged	0.73607	0.64946
o-Xylene	Averaged	0.65631	0.58592
4-Bromofluorobenzene (S)	Averaged	0.39271	0.37803
Dibromofluoromethane (S)	Averaged	0.24359	0.24298
Toluene-d8 (S)	Averaged	1.55267	1.58810

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-5

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D

CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D

CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Acetone	Linear		0.99599	0.01610	0.03153	
Benzene	Averaged	4.71702			1.11729	
Bromodichloromethane	Averaged	5.03440			0.33630	
Bromoform	Averaged	6.15478			0.47405	
Bromomethane	Averaged	10.26092			0.13282	
2-Butanone (MEK)	Averaged	3.00343			0.01588	
Carbon disulfide	Averaged	12.42694			0.86564	
Carbon tetrachloride	Averaged	5.20974			0.41103	
Chlorobenzene	Averaged	5.30243			0.99466	
Chloroethane	Averaged	7.77091			0.20890	
Chloroform	Averaged	4.10254			0.48654	
Chloromethane	Averaged	7.57465			0.23631	
Cyclohexane	Averaged	5.60178			0.55767	
1,2-Dibromo-3-chloropropane	Averaged	10.63164			0.08478	
Dibromochloromethane	Averaged	6.99990			0.33477	
1,2-Dibromoethane (EDB)	Averaged	3.69040			0.25321	
1,2-Dichlorobenzene	Averaged	7.17555			1.36193	
1,3-Dichlorobenzene	Averaged	4.11141			1.64121	
1,4-Dichlorobenzene	Averaged	5.87132			1.62171	
Dichlorodifluoromethane	Averaged	8.04398			0.27268	
1,1-Dichloroethane	Averaged	6.22881			0.53115	
1,2-Dichloroethane	Averaged	4.64599			0.30523	
1,1-Dichloroethene	Averaged	7.52253			0.27400	
cis-1,2-Dichloroethene	Averaged	4.98517			0.31030	
trans-1,2-Dichloroethene	Averaged	5.57272			0.29347	
1,2-Dichloropropane	Averaged	3.90430			0.26743	
cis-1,3-Dichloropropene	Averaged	6.26004			0.65648	
trans-1,3-Dichloropropene	Averaged	6.59428			0.52068	
Ethylbenzene	Averaged	15.87405			0.64857	
2-Hexanone	Averaged	5.06861			0.14278	
Isopropylbenzene (Cumene)	Averaged	6.22522			1.72964	
Methyl acetate	Averaged	18.64129			0.10262	
Methylcyclohexane	Averaged	7.76046			0.44060	
Methylene Chloride	Averaged	16.50376			0.27105	
4-Methyl-2-pentanone (MIBK)	Averaged	11.71020			0.23960	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-6

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3A GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:33 16:17

LAB FILE ID

CAL1 = A082317CAL.B\A01CAL.D CAL2 = A082317CAL.B\A02CAL.D CAL3 = A082317CAL.B\A03CAL.D

CAL4 = A082317CAL.B\A04CAL.D CAL5 = A082317CAL.B\A05CAL.D CAL6 = A082317CAL.B\A06CAL.D

CAL7 = A082317CAL.B\A07CAL.D CAL8 = A082317CAL.B\A08CAL.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Methyl-tert-butyl ether	Averaged	6.15260			0.67427	
Styrene	Averaged	17.59871			1.18160	
1,1,2,2-Tetrachloroethane	Averaged	6.99363			0.72000	
Tetrachloroethene	Averaged	6.61020			0.48171	
Toluene	Averaged	7.01064			1.88741	
1,2,4-Trichlorobenzene	Averaged	11.89011			0.94052	
1,1,1-Trichloroethane	Averaged	4.50123			0.48075	
1,1,2-Trichloroethane	Averaged	13.38995			0.23992	
Trichloroethene	Averaged	4.58961			0.29031	
Trichlorofluoromethane	Averaged	17.10127			0.42957	
1,1,2-Trichlorotrifluoroethane	Averaged	5.76837			0.32900	
Vinyl chloride	Averaged	7.11737			0.35371	
m&p-Xylene	Averaged	8.78494			0.74522	
o-Xylene	Averaged	7.80071			0.66965	
4-Bromofluorobenzene (S)	Averaged	4.14960			0.41133	
Dibromofluoromethane (S)	Averaged	2.35432			0.24688	
Toluene-d8 (S)	Averaged	3.10872			1.50010	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-1
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D
CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D
CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Acetone	Averaged		0.05589	0.05580	0.04613	0.04127	0.03918
Benzene	Averaged	1.20326	1.29595	1.15994	1.26110	1.30617	1.13929
Bromodichloromethane	Averaged			0.37532	0.36876	0.38311	0.33876
Bromoform	Averaged		0.32057	0.31614	0.31580	0.42421	0.30908
Bromomethane	Averaged		0.21170	0.19100	0.21074	0.19356	0.18271
2-Butanone (MEK)	Averaged			0.01141	0.01388	0.01638	0.01442
Carbon disulfide	Averaged		1.29433	1.04994	1.11488	1.11231	0.93733
Carbon tetrachloride	Averaged		0.51456	0.44177	0.52511	0.50089	0.44066
Chlorobenzene	Averaged	1.10070	1.23061	1.05759	1.15576	1.21169	1.05075
Chloroethane	Averaged		0.27272	0.37752	0.35210	0.27460	0.24748
Chloroform	Averaged	0.63289	0.62497	0.52731	0.56423	0.55756	0.48071
Chloromethane	Averaged		0.53406	0.44870	0.52190	0.43956	0.42237
Cyclohexane	Averaged	0.91819	0.81629	0.67833	0.68158	0.67380	0.58831
1,2-Dibromo-3-chloropropane	Averaged		0.09285	0.07395	0.08644	0.10805	0.08292
Dibromochloromethane	Averaged	0.30438	0.29617	0.29954	0.28651	0.34847	0.29528
1,2-Dibromoethane (EDB)	Averaged		0.25812	0.22042	0.22803	0.25596	0.22285
1,2-Dichlorobenzene	Averaged	1.52509	1.67564	1.44495	1.68001	1.87906	1.50574
1,3-Dichlorobenzene	Averaged	1.87481	2.01440	1.69156	1.96062	2.14954	1.74947
1,4-Dichlorobenzene	Averaged	2.16595	2.13266	1.70051	1.93143	2.19552	1.68747
Dichlorodifluoromethane	Averaged		0.40664	0.36824	0.43004	0.36123	0.34948
1,1-Dichloroethane	Averaged			0.57892	0.58686	0.60493	0.53875
1,2-Dichloroethane	Averaged		0.36388	0.31663	0.31049	0.33242	0.28490
1,1-Dichloroethene	Averaged		0.30336	0.28280	0.32403	0.32161	0.27652
cis-1,2-Dichloroethene	Averaged	0.34962	0.40339	0.33997	0.35076	0.35466	0.30543
trans-1,2-Dichloroethene	Averaged		0.34487	0.34192	0.34730	0.34818	0.29462
1,2-Dichloropropane	Averaged		0.31398	0.25677	0.29818	0.31436	0.27049
cis-1,3-Dichloropropene	Averaged		0.58539	0.50709	0.57631	0.59929	0.55032
trans-1,3-Dichloropropene	Averaged	0.40651	0.41315	0.43743	0.45263	0.50041	0.44672
Ethylbenzene	Averaged	1.01066	0.91250	0.68124	0.73373	0.77520	0.66972
2-Hexanone	Averaged			0.11773	0.11909	0.14879	0.11843
Isopropylbenzene (Cumene)	Averaged	2.48104	2.55846	2.20094	2.47793	2.62384	2.25120
Methyl acetate	Linear			0.06318	0.10887	0.13276	0.10689
Methylcyclohexane	Averaged	0.68713	0.59658	0.49670	0.52924	0.56406	0.49473
Methylene Chloride	Linear		0.77089	0.44143	0.39412	0.31743	0.26528
4-Methyl-2-pentanone (MIBK)	Averaged	0.22526	0.20687	0.18846	0.17578	0.20754	0.17236

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-2

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D

CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D

CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Methyl-tert-butyl ether	Averaged	0.71313	0.69787	0.65050	0.60978	0.66351	0.58230
Styrene	Averaged		1.89303	1.33355	1.43023	1.50194	1.27567
1,1,2,2-Tetrachloroethane	Averaged		0.68130	0.53822	0.55927	0.64093	0.49191
Tetrachloroethene	Averaged	0.46347	0.49382	0.43842	0.51812	0.55461	0.47616
Toluene	Averaged	2.08201	2.14500	1.79841	1.93406	1.94855	1.69898
1,2,4-Trichlorobenzene	Averaged		1.33405	1.15751	1.20239	1.40130	1.10454
1,1,1-Trichloroethane	Averaged	0.62886	0.59483	0.54050	0.57876	0.57449	0.50123
1,1,2-Trichloroethane	Averaged		0.27043	0.22409	0.22443	0.23716	0.19905
Trichloroethene	Averaged	0.39287	0.33787	0.33514	0.33796	0.34803	0.30993
Trichlorofluoromethane	Averaged	0.44598	0.53906	0.52995	0.60756	0.53788	0.48198
1,1,2-Trichlorotrifluoroethane	Averaged	0.39690	0.41252	0.34305	0.39787	0.40141	0.33556
Vinyl chloride	Averaged	0.39578	0.47917	0.49685	0.55185	0.47377	0.44288
m&p-Xylene	Averaged	1.10042	1.12625	0.85536	0.90851	0.95632	0.81844
o-Xylene	Averaged	0.88752	0.97801	0.80072	0.85316	0.88823	0.78058
4-Bromofluorobenzene (S)	Averaged	0.49175	0.49400	0.50026	0.50820	0.49223	0.49803
Dibromofluoromethane (S)	Averaged	0.24725	0.24627	0.24784	0.23908	0.24646	0.23465
Toluene-d8 (S)	Averaged	1.30148	1.30364	1.30990	1.32146	1.33213	1.33633

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-3
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D
CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D
CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Acetone	Averaged	0.03888	0.03607
Benzene	Averaged	1.22709	1.16389
Bromodichloromethane	Averaged	0.36061	0.34082
Bromoform	Averaged	0.35029	0.33215
Bromomethane	Averaged	0.21269	0.22109
2-Butanone (MEK)	Averaged	0.01557	0.01460
Carbon disulfide	Averaged	0.99875	0.94257
Carbon tetrachloride	Averaged	0.45768	0.43104
Chlorobenzene	Averaged	1.10409	1.05417
Chloroethane	Averaged	0.25285	0.25724
Chloroform	Averaged	0.51050	0.47983
Chloromethane	Averaged	0.40813	0.43382
Cyclohexane	Averaged	0.61350	0.58459
1,2-Dibromo-3-chloropropane	Averaged	0.08801	0.08251
Dibromochloromethane	Averaged	0.31648	0.29939
1,2-Dibromoethane (EDB)	Averaged	0.23647	0.22457
1,2-Dichlorobenzene	Averaged	1.55230	1.47452
1,3-Dichlorobenzene	Averaged	1.81630	1.72297
1,4-Dichlorobenzene	Averaged	1.77842	1.68184
Dichlorodifluoromethane	Averaged	0.35433	0.36628
1,1-Dichloroethane	Averaged	0.56892	0.53667
1,2-Dichloroethane	Averaged	0.29615	0.27779
1,1-Dichloroethene	Averaged	0.29006	0.27316
cis-1,2-Dichloroethene	Averaged	0.32798	0.30484
trans-1,2-Dichloroethene	Averaged	0.31083	0.29157
1,2-Dichloropropane	Averaged	0.28882	0.27367
cis-1,3-Dichloropropene	Averaged	0.59034	0.56262
trans-1,3-Dichloropropene	Averaged	0.48376	0.46509
Ethylbenzene	Averaged	0.69074	0.64363
2-Hexanone	Averaged	0.12490	0.11713
Isopropylbenzene (Cumene)	Averaged	2.34384	2.21375
Methyl acetate	Linear	0.11432	0.12349
Methylcyclohexane	Averaged	0.51450	0.48880
Methylene Chloride	Linear	0.27064	0.25199
4-Methyl-2-pentanone (MIBK)	Averaged	0.18574	0.17359

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-4

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D

CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D

CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Methyl-tert-butyl ether	Averaged	0.62995	0.59289
Styrene	Averaged	1.33977	1.25025
1,1,2,2-Tetrachloroethane	Averaged	0.54539	0.50024
Tetrachloroethene	Averaged	0.50120	0.48064
Toluene	Averaged	1.79300	1.71114
1,2,4-Trichlorobenzene	Averaged	1.11546	1.07254
1,1,1-Trichloroethane	Averaged	0.51893	0.48138
1,1,2-Trichloroethane	Averaged	0.19646	0.18674
Trichloroethene	Averaged	0.32737	0.30473
Trichlorofluoromethane	Averaged	0.48497	0.49756
1,1,2-Trichlorotrifluoroethane	Averaged	0.34845	0.33105
Vinyl chloride	Averaged	0.44123	0.45498
m&p-Xylene	Averaged	0.84048	0.79336
o-Xylene	Averaged	0.81064	0.76071
4-Bromofluorobenzene (S)	Averaged	0.49845	0.48410
Dibromofluoromethane (S)	Averaged	0.23097	0.23378
Toluene-d8 (S)	Averaged	1.32171	1.33182

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-5

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D

CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D

CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Acetone	Averaged	18.27093			0.04475	
Benzene	Averaged	5.23025			1.21959	
Bromodichloromethane	Averaged	5.03741			0.36123	
Bromoform	Averaged	11.90096			0.33832	
Bromomethane	Averaged	6.95611			0.20336	
2-Butanone (MEK)	Averaged	11.87612			0.01438	
Carbon disulfide	Averaged	11.71158			1.06430	
Carbon tetrachloride	Averaged	8.29332			0.47310	
Chlorobenzene	Averaged	6.36046			1.12067	
Chloroethane	Averaged	17.93810			0.29064	
Chloroform	Averaged	10.80860			0.54725	
Chloromethane	Averaged	10.77463			0.45836	
Cyclohexane	Averaged	16.83503			0.69432	
1,2-Dibromo-3-chloropropane	Averaged	12.13244			0.08782	
Dibromochloromethane	Averaged	6.29434			0.30578	
1,2-Dibromoethane (EDB)	Averaged	6.70713			0.23520	
1,2-Dichlorobenzene	Averaged	9.07258			1.59216	
1,3-Dichlorobenzene	Averaged	8.51747			1.87246	
1,4-Dichlorobenzene	Averaged	11.87538			1.90922	
Dichlorodifluoromethane	Averaged	7.96792			0.37661	
1,1-Dichloroethane	Averaged	4.75915			0.56918	
1,2-Dichloroethane	Averaged	9.52252			0.31175	
1,1-Dichloroethene	Averaged	7.04264			0.29593	
cis-1,2-Dichloroethene	Averaged	9.23256			0.34208	
trans-1,2-Dichloroethene	Averaged	7.88420			0.32562	
1,2-Dichloropropane	Averaged	7.71313			0.28804	
cis-1,3-Dichloropropene	Averaged	5.52646			0.56734	
trans-1,3-Dichloropropene	Averaged	7.17974			0.45071	
Ethylbenzene	Averaged	17.08827			0.76468	
2-Hexanone	Averaged	9.89078			0.12434	
Isopropylbenzene (Cumene)	Averaged	6.83060			2.39388	
Methyl acetate	Linear		0.99835	-0.00751	0.12309	
Methylcyclohexane	Averaged	12.45073			0.54647	
Methylene Chloride	Linear		0.99910	0.02599	0.25028	
4-Methyl-2-pentanone (MIBK)	Averaged	10.05716			0.19195	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-6

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV3B GC Column: Col 1 SDG No.: 50180760

Calibration Date(s): 08/23/2017 08/23/2017 Calibration Time(s): 12:49 16:33

LAB FILE ID

CAL1 = B082317CAL.B\B01CAL.D CAL2 = B082317CAL.B\B02CAL.D CAL3 = B082317CAL.B\B03CAL.D

CAL4 = B082317CAL.B\B04CAL.D CAL5 = B082317CAL.B\B05CAL.D CAL6 = B082317CAL.B\B06CAL.D

CAL7 = B082317CAL.B\B07CAL.D CAL8 = B082317CAL.B\B08CAL.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Methyl-tert-butyl ether	Averaged	7.41156			0.64249	
Styrene	Averaged	15.43407			1.43206	
1,1,2,2-Tetrachloroethane	Averaged	12.49955			0.56532	
Tetrachloroethene	Averaged	7.20090			0.49080	
Toluene	Averaged	8.80265			1.88890	
1,2,4-Trichlorobenzene	Averaged	10.37805			1.19826	
1,1,1-Trichloroethane	Averaged	9.11702			0.55237	
1,1,2-Trichloroethane	Averaged	13.09936			0.21977	
Trichloroethene	Averaged	8.02675			0.33674	
Trichlorofluoromethane	Averaged	9.54369			0.51562	
1,1,2-Trichlorotrifluoroethane	Averaged	9.21993			0.37085	
Vinyl chloride	Averaged	9.82706			0.46706	
m&p-Xylene	Averaged	13.74956			0.92489	
o-Xylene	Averaged	8.46755			0.84495	
4-Bromofluorobenzene (S)	Averaged	1.43611			0.49588	
Dibromofluoromethane (S)	Averaged	2.89298			0.24079	
Toluene-d8 (S)	Averaged	1.02100			1.31981	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a01cal.d
Lab Smp Id: 8260-CAL1,156493:0
Inj Date : 23-AUG-2017 12:33
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal1,156493:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 12:33 Cal File: a001cal.d
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
2 Chloromethane	50	0.992	0.988	(0.239)	3160	1.00000	1.04	
3 Vinyl Chloride	62	1.035	1.031	(0.250)	4089	1.00000	0.897(Q)	
4 Bromomethane	94	1.174	1.180	(0.283)	1530	1.00000	0.894	
6 Trichlorofluoromethane	101	1.334	1.335	(0.322)	5658	1.00000	1.02	
7 Diethyl ether	74	1.457	1.458	(0.352)	2048	1.00000	1.05	
8 1,2-dichlorotrifluoroethane	67	1.478	1.474	(0.357)	5639	1.00000	1.10	
9 Acrolein	56	1.531	1.533	(0.370)	7397	20.0000	24.3(M)	CO
10 1,1,2trichlorotrifluoroethane	101	1.579	1.586	(0.381)	4218	1.00000	0.995	
11 1,1-Dichloroethene	96	1.590	1.586	(0.384)	3822	1.00000	1.08	
12 Acetone	43	1.596	1.597	(0.385)	9750	5.00000		
13 Iodomethane	142	1.676	1.677	(0.404)	3695	2.00000	1.18	
14 Carbon Disulfide	76	1.724	1.725	(0.416)	13869	1.00000	1.24	
16 allyl chloride	41	1.782	1.784	(0.430)	11827	2.00000	2.27	
17 Acetonitrile	39	1.782	1.784	(0.430)	8737	1.00000	1.16	
18 Methylene Chloride	84	1.857	1.859	(0.448)	11497	1.00000	3.29(Q)	
19 Acrylonitrile	53	1.996	1.992	(0.482)	2256	4.00000	3.91	
20 Methyl-tert-butyl ether	73	2.012	2.019	(0.486)	8573	1.00000	0.987(Q)	
21 tert-Butyl Alcohol	59	1.889	1.891	(0.456)	2147	2.00000	4.40(Q)	
22 1,2-Dichloroethene (trans)	96	2.028	2.030	(0.490)	3850	1.00000	1.02	
23 n-Hexane	57	2.210	2.211	(0.533)	14053	1.00000	1.81	
24 Vinyl Acetate	43	2.322	2.318	(0.560)	16990	4.00000	3.26	
26 Chloroprene	53	2.386	2.387	(0.576)	6922	1.00000	1.03	
28 1,2-Dichloroethene (cis)	96	2.803	2.804	(0.676)	3991	1.00000	0.998	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	29 2,2-Dichloropropane	77	2.792	2.809	(0.674)	6510	1.00000	1.05	
	32 Bromochloromethane	49	3.032	3.039	(0.732)	2527	1.00000	1.04	
	34 Chloroform	83	3.139	3.146	(0.758)	6351	1.00000	1.01	
$	35 Dibromofluoromethane (S)	113	3.310	3.322	(0.799)	158907	50.0000	50.0	
	36 1,1,1-Trichloroethane	97	3.315	3.322	(0.800)	6306	1.00000	1.02	
	37 Cyclohexane	56	3.395	3.408	(0.820)	7231	1.00000	1.01	
	38 n-Butyl chloride	56	3.460	3.472	(0.835)	11254	1.00000	1.26	
	39 Carbon Tetrachloride	117	3.492	3.504	(0.843)	5389	1.00000	1.02	
	40 1,1-Dichloropropene	75	3.508	3.514	(0.847)	5456	1.00000	1.01	
	41 Benzene	78	3.743	3.749	(0.903)	14238	1.00000	0.989	
	43 2,2,4-Trimethylpentane	57	3.924	3.931	(0.947)	15421	1.00000	1.01	
	44 Isobutyl alcohol	43	3.871	3.862	(0.934)	18798	1.00000	1.08	
*	45 Fluorobenzene (IS)	96	4.143	4.155	(1.000)	644096	50.0000		
	46 Trichloroethene	95	4.608	4.604	(1.112)	3897	1.00000	1.04	
	47 Methylcyclohexane	55	4.859	4.876	(1.173)	5854	1.00000	1.03	
	48 1,2-Dichloropropane	63	4.907	4.908	(1.184)	3640	1.00000	1.06	
	49 Dibromomethane	93	5.003	5.010	(1.208)	1547	1.00000	1.04	
	54 cis-1,3-Dichloropropene	75	5.735	5.731	(0.782)	5087	1.00000	0.977	
	55 4-Methyl-2-Pentanone	43	5.906	5.907	(0.805)	11595	5.00000	6.10	
$	56 Toluene-d8 (S)	98	6.002	6.009	(0.819)	592292	50.0000	49.8	
	57 Toluene	91	6.082	6.083	(0.830)	16701	1.00000	1.12	
	58 trans-1,3-Dichloropropene	75	6.376	6.367	(0.870)	4129	1.00000	1.000(Q)	
	60 1,1,2-Trichloroethane	83	6.557	6.553	(0.894)	2973	1.00000	1.56(Q)	
	61 Tetrachloroethene	166	6.600	6.607	(0.900)	3722	1.00000	0.974	
	62 1,3-Dichloropropane	76	6.691	6.692	(0.913)	3758	1.00000	1.01	
	64 Dibromochloromethane	129	6.878	6.879	(0.938)	2938	1.00000	1.11	
	65 1,2-Dibromoethane	107	6.963	6.965	(0.950)	2050	1.00000	1.02	
*	66 Chlorobenzene-D5 (IS)	117	7.332	7.333	(1.000)	396503	50.0000		
	67 Chlorobenzene	112	7.359	7.360	(1.004)	8241	1.00000	1.04(Q)	
	68 1,1,1,2-Tetrachloroethane	131	7.433	7.435	(1.014)	3272	1.00000	1.12	
	69 Ethylbenzene	106	7.439	7.440	(1.015)	6873	1.00000	1.34	
	70 m&p-Xylene	106	7.540	7.542	(1.028)	13498	2.00000	2.28	
	71 o-Xylene	106	7.802	7.798	(1.064)	5932	1.00000	1.12	
	72 Styrene	104	7.818	7.814	(1.066)	12846	1.00000	1.37	
	73 Bromoform	173	7.935	7.937	(0.898)	1237	1.00000	0.990(M)	NI
	74 Isopropylbenzene	105	8.048	8.044	(1.098)	14571	1.00000	1.06	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.156	(1.112)	163520	50.0000	50.1	
	76 Bromobenzene	77	8.234	8.236	(1.123)	4253	1.00000	1.01	
	77 1,1,2,2-Tetrachloroethane	83	8.250	8.247	(0.934)	2134	1.00000	1.12	
	80 n-Propylbenzene	91	8.304	8.305	(0.940)	14601	1.00000	1.02	
	81 2-Chlorotoluene	91	8.352	8.353	(0.946)	8732	1.00000	1.07	
	82 1,3,5-Trimethylbenzene	105	8.416	8.412	(0.953)	10731	1.00000	1.11	
	83 4-Chlorotoluene	126	8.432	8.428	(0.955)	2492	1.00000	0.981(Q)	
	84 tert-Butylbenzene	119	8.592	8.594	(0.973)	12200	1.00000	1.11	
	85 1,2,4-Trimethylbenzene	105	8.630	8.631	(0.977)	10251	1.00000	1.11	
	86 sec-Butylbenzene	105	8.720	8.722	(0.987)	12764	1.00000	1.05	
	87 1,3-Dichlorobenzene	146	8.790	8.791	(0.995)	4374	1.00000	1.01	
	88 p-Isopropyltoluene	119	8.806	8.807	(0.997)	10032	1.00000	1.04	
*	89 1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.834	(1.000)	131775	50.0000		
	90 1,4-Dichlorobenzene	146	8.849	8.845	(1.002)	4298	1.00000	1.00(Q)	
	91 n-Butylbenzene	91	9.030	9.026	(1.022)	8570	1.00000	1.03	
	92 1,2-Dichlorobenzene	146	9.041	9.037	(1.024)	3886	1.00000	1.08	
	95 Hexachlorobutadiene	225	9.933	9.918	(1.125)	1544	1.00000	0.938	
	96 Naphthalene	128	10.013	9.993	(1.134)	5305	1.00000	1.05	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
98 2,methyl-naphthalene	142	10.649	10.623	(1.206)	3215	1.00000	1.01	
99 1-Methylnaphthalene	142	10.771	10.741	(1.219)	2823	1.00000	1.09	

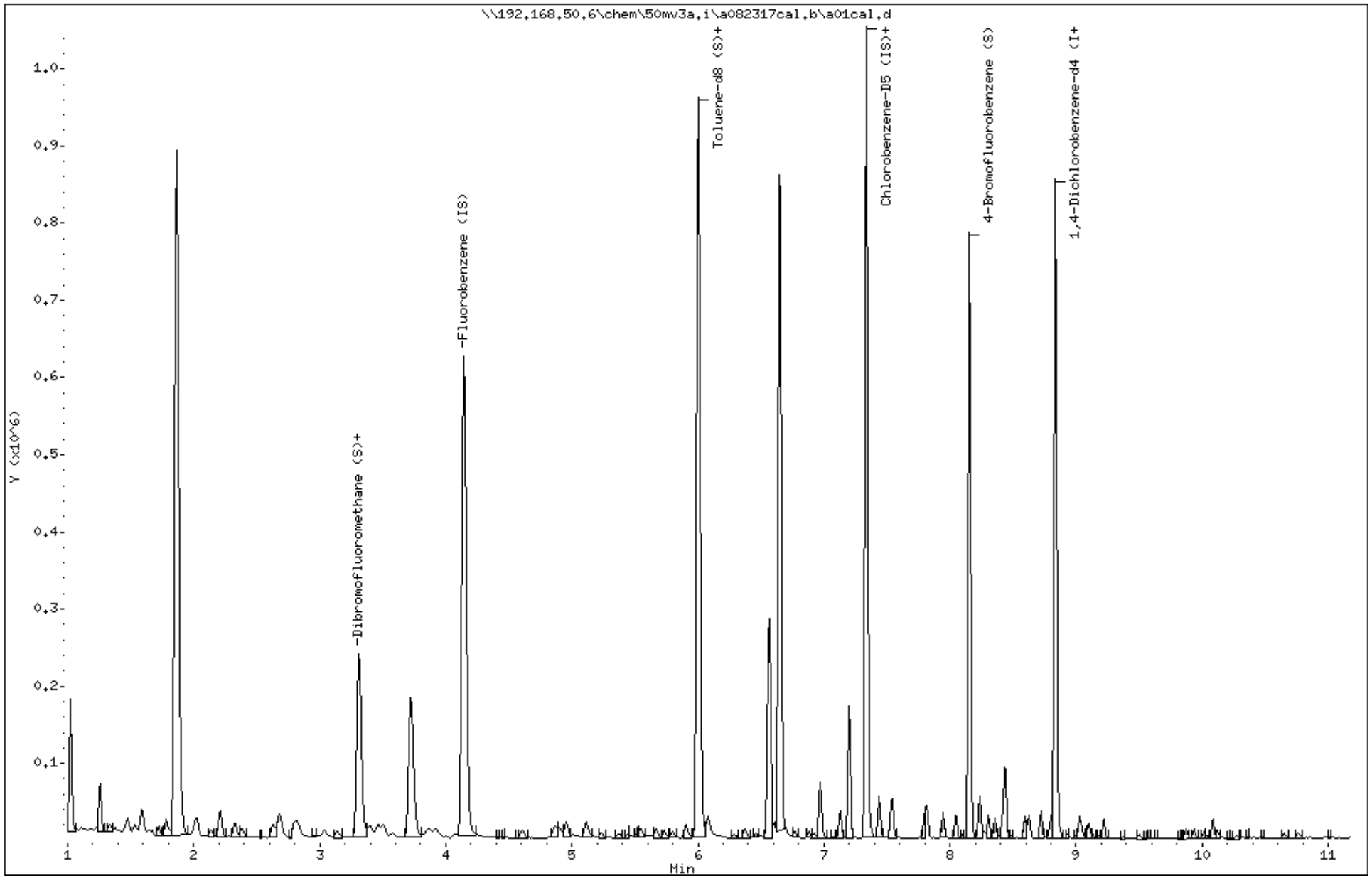
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
NI: Indicates that the peak was not integrated at all by the computer software.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a01cal.d
Date : 23-AUG-2017 12:33
Client ID:
Instrument: 50mv3a.i
Sample Info: 8260-CAL1,156493:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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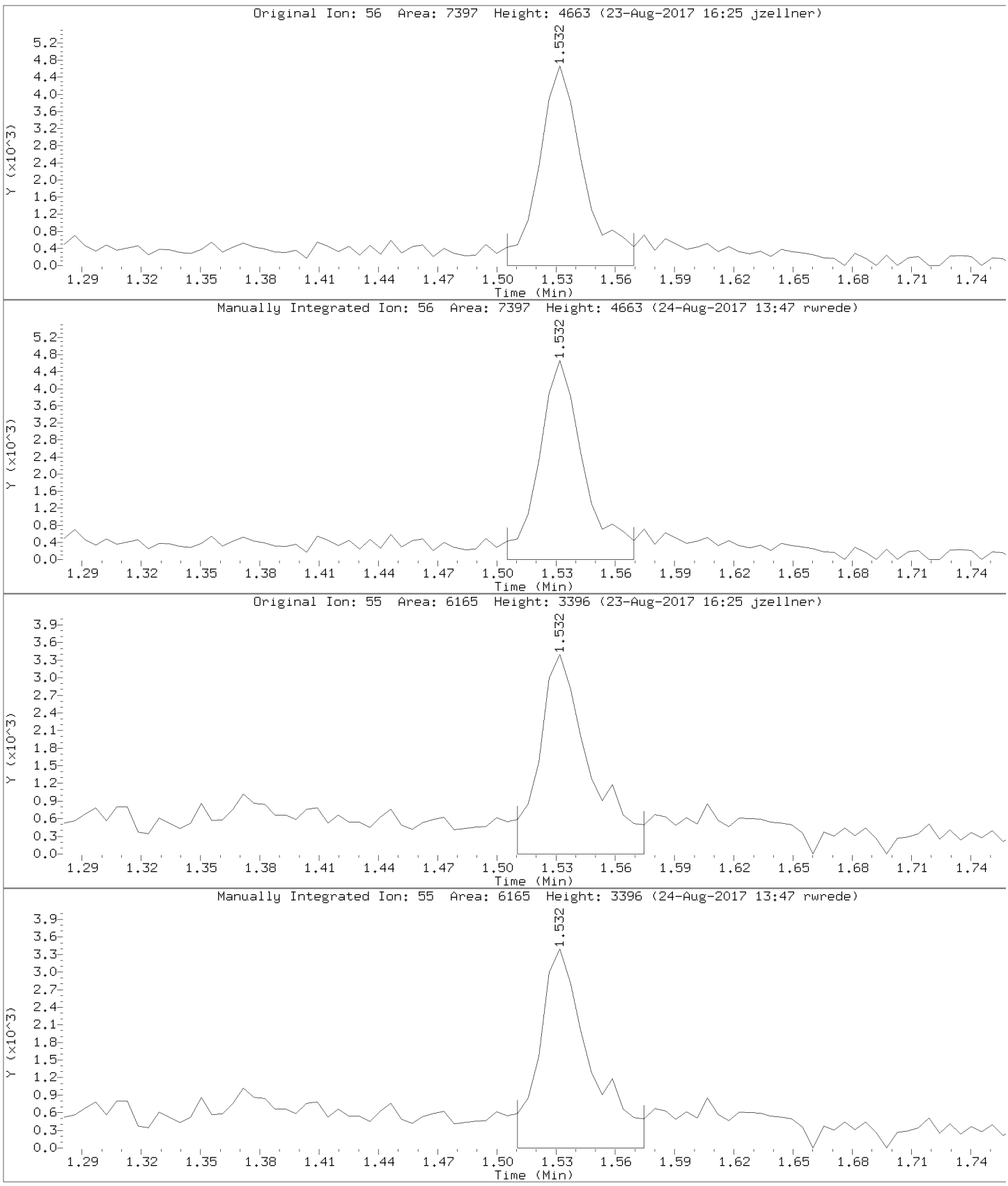
Injection Date: 23-AUG-2017 12:33
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Acrolein Review Code: CO
CAS Number: 107-02-8



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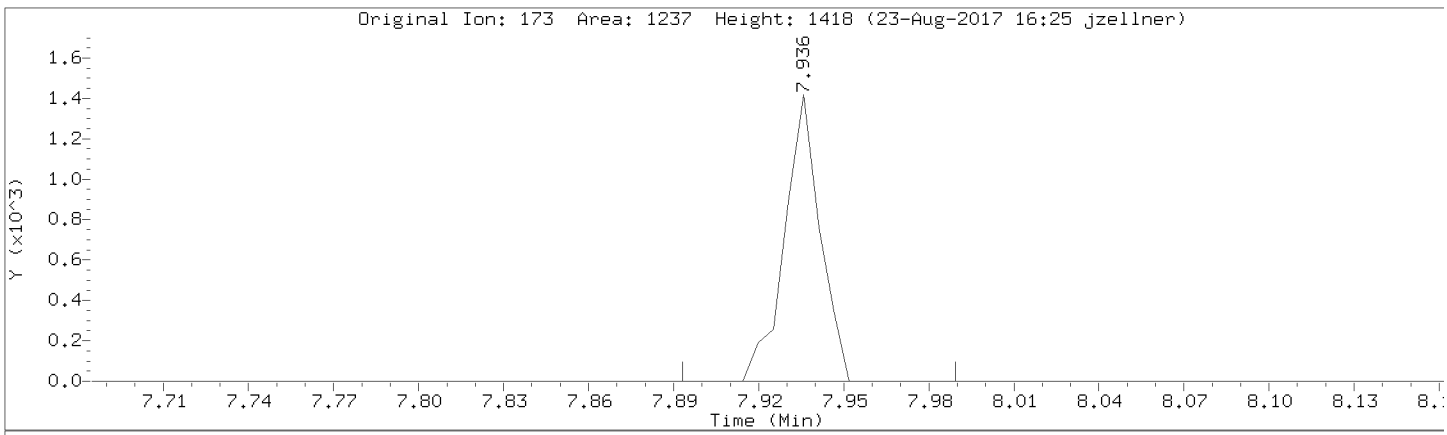
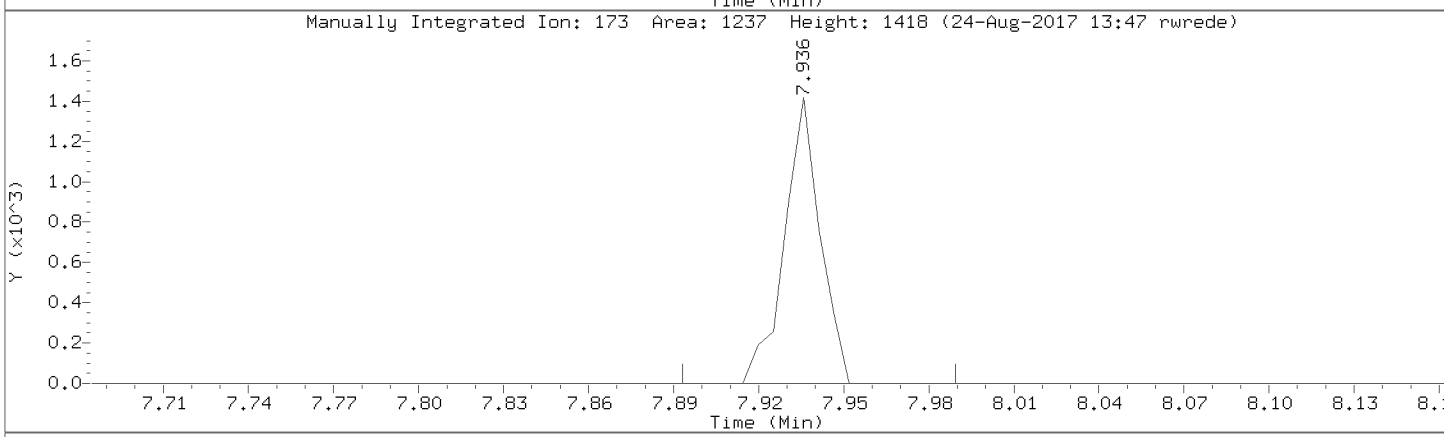
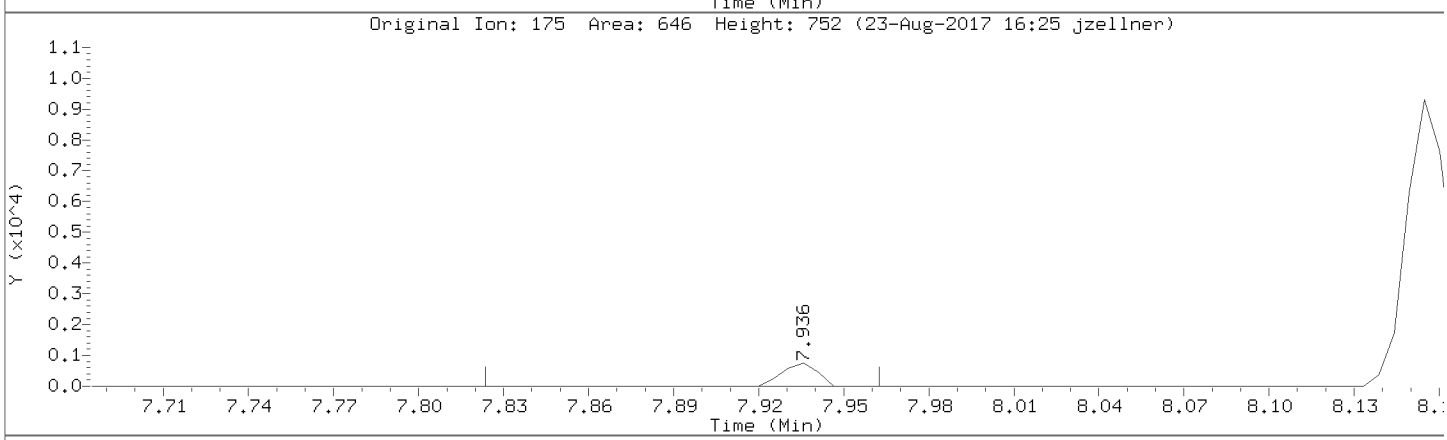
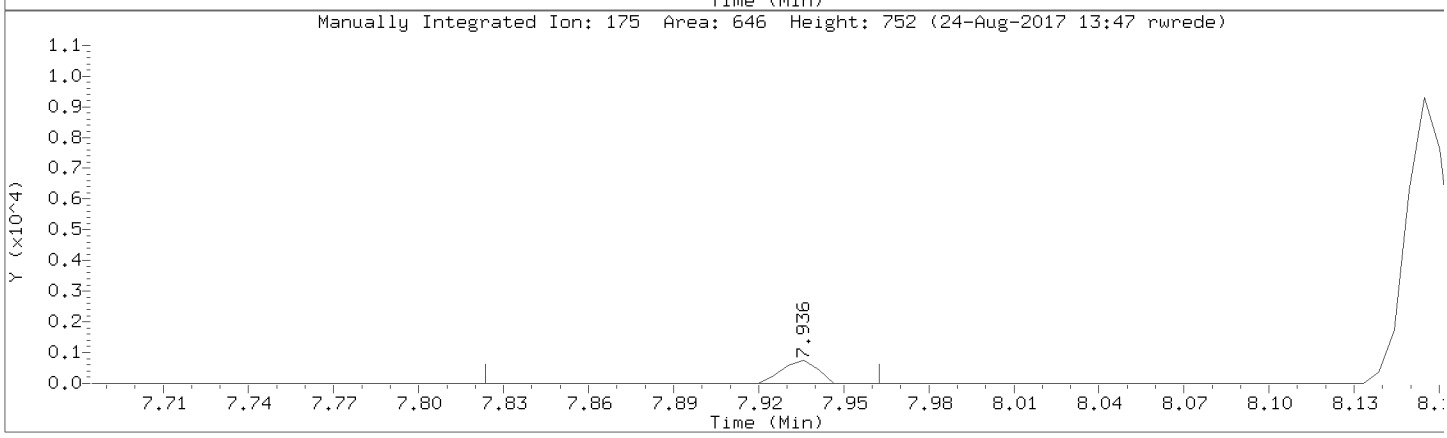
Injection Date: 23-AUG-2017 12:33
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2









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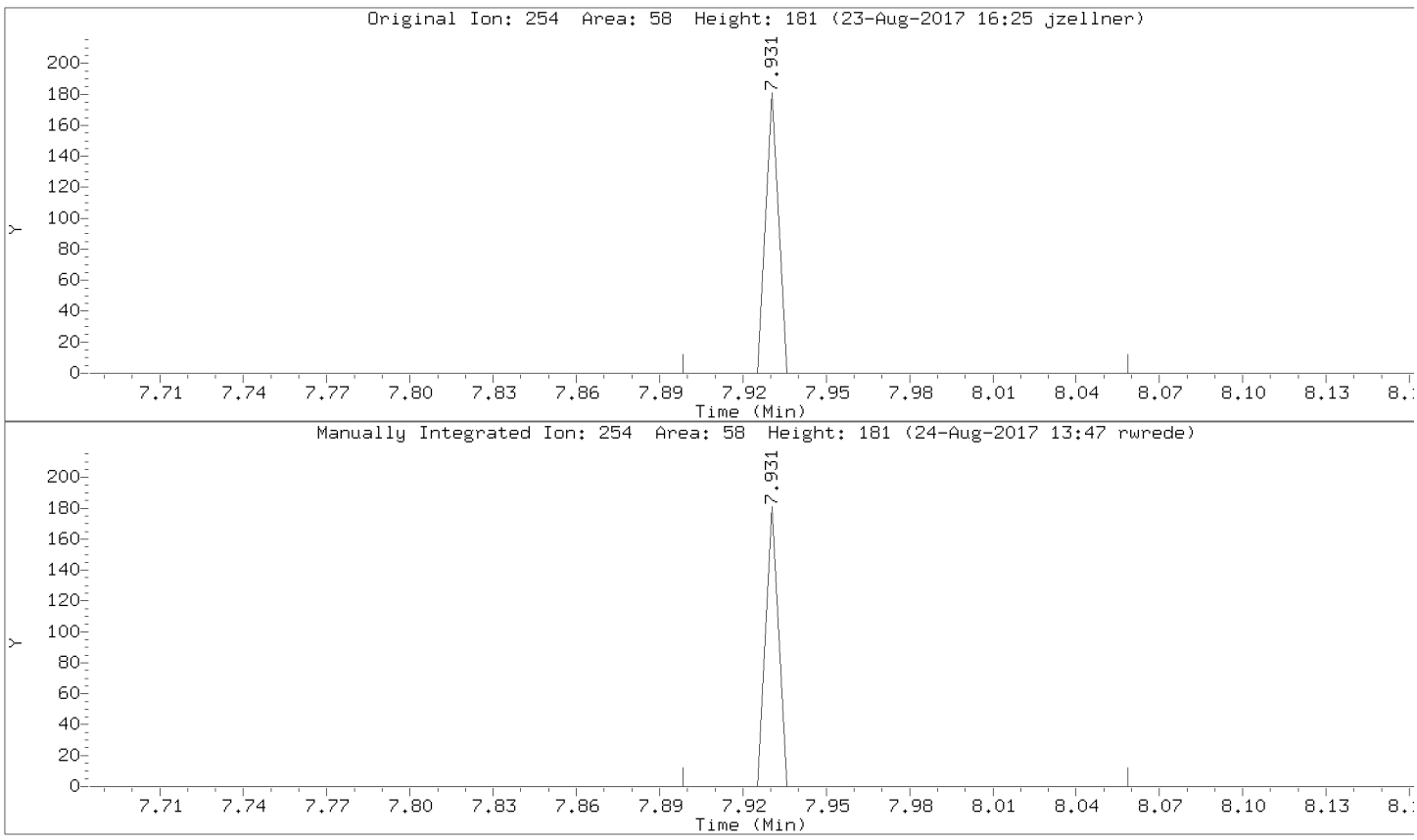
Injection Date: 23-AUG-2017 12:33
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL1,156493:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a02cal.d
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Inj Date : 23-AUG-2017 13:05
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal2,156494:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 13:05 Cal File: a02cal.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.903	0.903	(0.218)	6290	2.00000	1.81(M)	NI
2	Chloromethane	50	0.993	0.988	(0.239)	5778	2.00000	1.92(M)	
3	Vinyl Chloride	62	1.031	1.031	(0.248)	8496	2.00000	1.89(M)	GT
4	Bromomethane	94	1.175	1.180	(0.283)	3092	2.00000	1.83	
5	Chloroethane	64	1.223	1.223	(0.295)	5558	2.00000	2.09	
6	Trichlorofluoromethane	101	1.335	1.335	(0.322)	10535	2.00000	1.93	
7	Diethyl ether	74	1.458	1.458	(0.351)	4000	2.00000	2.08(Q)	
8	1,2-dichlorotrifluoroethane	67	1.474	1.474	(0.355)	9508	2.00000	1.89	
9	Acrolein	56	1.527	1.533	(0.368)	11542	40.0000	38.4	
10	1,1,2trichlorotrifluoroethane	101	1.581	1.586	(0.381)	7992	2.00000	1.91	
11	1,1-Dichloroethene	96	1.592	1.586	(0.384)	6831	2.00000	1.96	
12	Acetone	43	1.602	1.597	(0.386)	8376	10.0000		
13	Iodomethane	142	1.677	1.677	(0.404)	7668	4.00000	2.47	
14	Carbon Disulfide	76	1.725	1.725	(0.416)	24100	2.00000	2.19	
16	allyl chloride	41	1.784	1.784	(0.430)	21621	4.00000	4.20	
17	Acetonitrile	39	1.784	1.784	(0.430)	15350	2.00000	2.07	
18	Methylene Chloride	84	1.859	1.859	(0.448)	13066	2.00000	3.79(Q)	
19	Acrylonitrile	53	1.998	1.992	(0.481)	4174	8.00000	7.33	
20	Methyl-tert-butyl ether	73	2.019	2.019	(0.487)	17847	2.00000	2.08	
21	tert-Butyl Alcohol	59	1.896	1.891	(0.457)	2547	4.00000	6.34(Q)	
22	1,2-Dichloroethene (trans)	96	2.030	2.030	(0.489)	7332	2.00000	1.96	
23	n-Hexane	57	2.211	2.211	(0.533)	19556	2.00000	2.55	
24	Vinyl Acetate	43	2.323	2.318	(0.560)	36954	8.00000	7.19	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	25 1,1-Dichloroethane	63	2.334	2.334	(0.562)	12741	2.00000	1.89	
	26 Chloroprene	53	2.387	2.387	(0.575)	12564	2.00000	1.89	
	27 2-Butanone	72	2.799	2.788	(0.674)	2037	10.0000	10.1(QM)	WP
	28 1,2-Dichloroethene (cis)	96	2.809	2.804	(0.677)	8038	2.00000	2.04	
	29 2,2-Dichloropropane	77	2.809	2.809	(0.677)	11894	2.00000	1.94	
	31 Methacrylonitrile	41	3.007	2.991	(0.725)	3246	2.00000	2.48(M)	GT
	32 Bromochloromethane	49	3.039	3.039	(0.732)	5119	2.00000	2.13	
	34 Chloroform	83	3.151	3.146	(0.759)	12205	2.00000	1.97	
$	35 Dibromofluoromethane (S)	113	3.317	3.322	(0.799)	158958	50.0000	50.6	
	36 1,1,1-Trichloroethane	97	3.322	3.322	(0.801)	12491	2.00000	2.04	
	37 Cyclohexane	56	3.408	3.408	(0.821)	14667	2.00000	2.07	
	38 n-Butyl chloride	56	3.472	3.472	(0.837)	17070	2.00000	1.94	
	39 Carbon Tetrachloride	117	3.504	3.504	(0.844)	9819	2.00000	1.88	
	40 1,1-Dichloropropene	75	3.509	3.514	(0.846)	9826	2.00000	1.84	
	41 Benzene	78	3.755	3.749	(0.905)	27353	2.00000	1.92	
	42 1,2-Dichloroethane	62	3.840	3.835	(0.925)	8337	2.00000	2.15(M)	NI
	43 2,2,4-Trimethylpentane	57	3.931	3.931	(0.947)	28933	2.00000	1.91	
	44 Isobutyl alcohol	43	3.872	3.862	(0.933)	29978	2.00000	1.74(M)	NI
*	45 Fluorobenzene (IS)	96	4.150	4.155	(1.000)	635853	50.0000		
	46 Trichloroethene	95	4.604	4.604	(1.109)	7227	2.00000	1.96	
	47 Methylcyclohexane	55	4.871	4.876	(1.174)	12213	2.00000	2.18	
	48 1,2-Dichloropropane	63	4.914	4.908	(1.184)	6858	2.00000	2.02	
	49 Dibromomethane	93	5.010	5.010	(1.207)	3105	2.00000	2.12	
	50 1,4-Dioxane	88	5.021	5.015	(1.210)	504	40.0000	38.2(M)	NI
	51 Methyl methacrylate	69	5.047	5.026	(1.216)	4183	2.00000	2.61(QM)	NI
	52 Bromodichloromethane	83	5.234	5.234	(1.261)	9161	2.00000	2.14(M)	NI
	53 2-Chloroethyl vinyl ether	63	5.597	5.587	(0.763)	2659	4.00000	3.37(M)	NI
	54 cis-1,3-Dichloropropene	75	5.736	5.731	(0.782)	9791	2.00000	1.90	
	55 4-Methyl-2-Pentanone	43	5.907	5.907	(0.806)	20182	10.0000	10.7	
$	56 Toluene-d8 (S)	98	6.009	6.009	(0.819)	586297	50.0000	49.8	
	57 Toluene	91	6.078	6.083	(0.829)	30027	2.00000	2.03	
	58 trans-1,3-Dichloropropene	75	6.372	6.367	(0.869)	7521	2.00000	1.84	
	59 Ethyl Methacrylate	69	6.457	6.452	(0.881)	7050	2.00000	2.26(M)	NI
	60 1,1,2-Trichloroethane	83	6.553	6.553	(0.894)	4875	2.00000	2.59(Q)	
	61 Tetrachloroethene	166	6.607	6.607	(0.901)	7075	2.00000	1.87	
	62 1,3-Dichloropropane	76	6.692	6.692	(0.913)	7126	2.00000	1.93	
	63 2-Hexanone	43	6.772	6.762	(0.924)	10860	10.0000	9.69	
	64 Dibromochloromethane	129	6.879	6.879	(0.938)	4700	2.00000	1.79	
	65 1,2-Dibromoethane	107	6.965	6.965	(0.950)	3941	2.00000	1.98	
*	66 Chlorobenzene-D5 (IS)	117	7.333	7.333	(1.000)	392459	50.0000		
	67 Chlorobenzene	112	7.360	7.360	(1.004)	15105	2.00000	1.93	
	68 1,1,1,2-Tetrachloroethane	131	7.435	7.435	(1.014)	5411	2.00000	1.86	
	69 Ethylbenzene	106	7.440	7.440	(1.015)	11404	2.00000	2.24	
	70 m&p-Xylene	106	7.536	7.542	(1.028)	25605	4.00000	4.38	
	71 o-Xylene	106	7.803	7.798	(1.064)	11400	2.00000	2.17	
	72 Styrene	104	7.819	7.814	(1.066)	21245	2.00000	2.29	
	73 Bromoform	173	7.937	7.937	(0.898)	2671	2.00000	2.13(M)	NI
	74 Isopropylbenzene	105	8.049	8.044	(1.098)	27197	2.00000	2.00	
$	75 4-Bromofluorobenzene (S)	95	8.156	8.156	(1.112)	166362	50.0000	51.5	
	76 Bromobenzene	77	8.236	8.236	(1.123)	9125	2.00000	2.18	
	77 1,1,2,2-Tetrachloroethane	83	8.247	8.247	(0.933)	3792	2.00000	1.99	
	79 1,2,3-Trichloropropane	110	8.279	8.279	(0.937)	1043	2.00000	1.85(Q)	
	80 n-Propylbenzene	91	8.305	8.305	(0.940)	28932	2.00000	2.02	
	81 2-Chlorotoluene	91	8.353	8.353	(0.946)	16648	2.00000	2.04	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
82	1,3,5-Trimethylbenzene	105	8.412	8.412	(0.952)	19216	2.00000	1.98	
83	4-Chlorotoluene	126	8.433	8.428	(0.955)	4964	2.00000	1.95	
84	tert-Butylbenzene	119	8.594	8.594	(0.973)	22361	2.00000	2.03	
85	1,2,4-Trimethylbenzene	105	8.631	8.631	(0.977)	18768	2.00000	2.03	
86	sec-Butylbenzene	105	8.722	8.722	(0.987)	23061	2.00000	1.89	
87	1,3-Dichlorobenzene	146	8.791	8.791	(0.995)	8859	2.00000	2.04	
88	p-Isopropyltoluene	119	8.807	8.807	(0.997)	18570	2.00000	1.91	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.834	(1.000)	132184	50.0000		
90	1,4-Dichlorobenzene	146	8.850	8.845	(1.002)	9176	2.00000	2.14	
91	n-Butylbenzene	91	9.026	9.026	(1.022)	16844	2.00000	2.01	
92	1,2-Dichlorobenzene	146	9.037	9.037	(1.023)	6951	2.00000	1.93	
93	1,2,4-Trichlorobenzene	180	9.865	9.854	(1.117)	4716	2.00000	1.90	
94	1,2-Dibromo-3-chloropropane	155	9.454	9.448	(1.070)	402	2.00000	1.79(QM)	NI
95	Hexachlorobutadiene	225	9.924	9.918	(1.123)	2992	2.00000	1.81	
96	Naphthalene	128	10.004	9.993	(1.132)	9671	2.00000	1.91	
97	1,2,3-Trichlorobenzene	180	10.116	10.111	(1.145)	4473	2.00000	1.95	
98	2,methyl-naphthalene	142	10.634	10.623	(1.204)	6184	2.00000	1.94	
99	1-Methylnaphthalene	142	10.752	10.741	(1.217)	5316	2.00000	2.05	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

NI: Indicates that the peak was not integrated at all by the computer software.
:
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a02cal.d
Date : 23-AUG-2017 13:05
Client ID: 8260-CAL2
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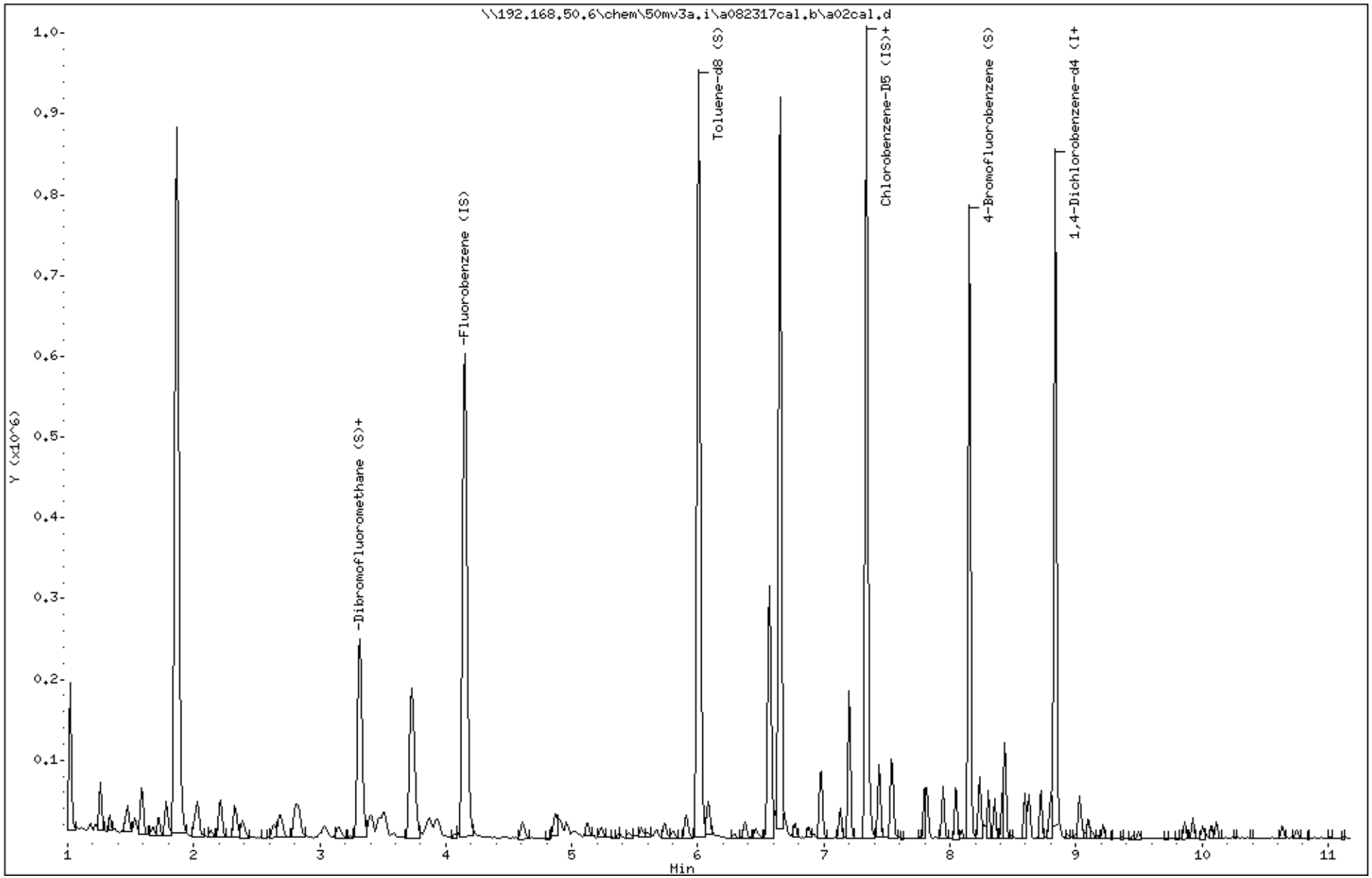
Sample Info: 8260-CAL2,156494:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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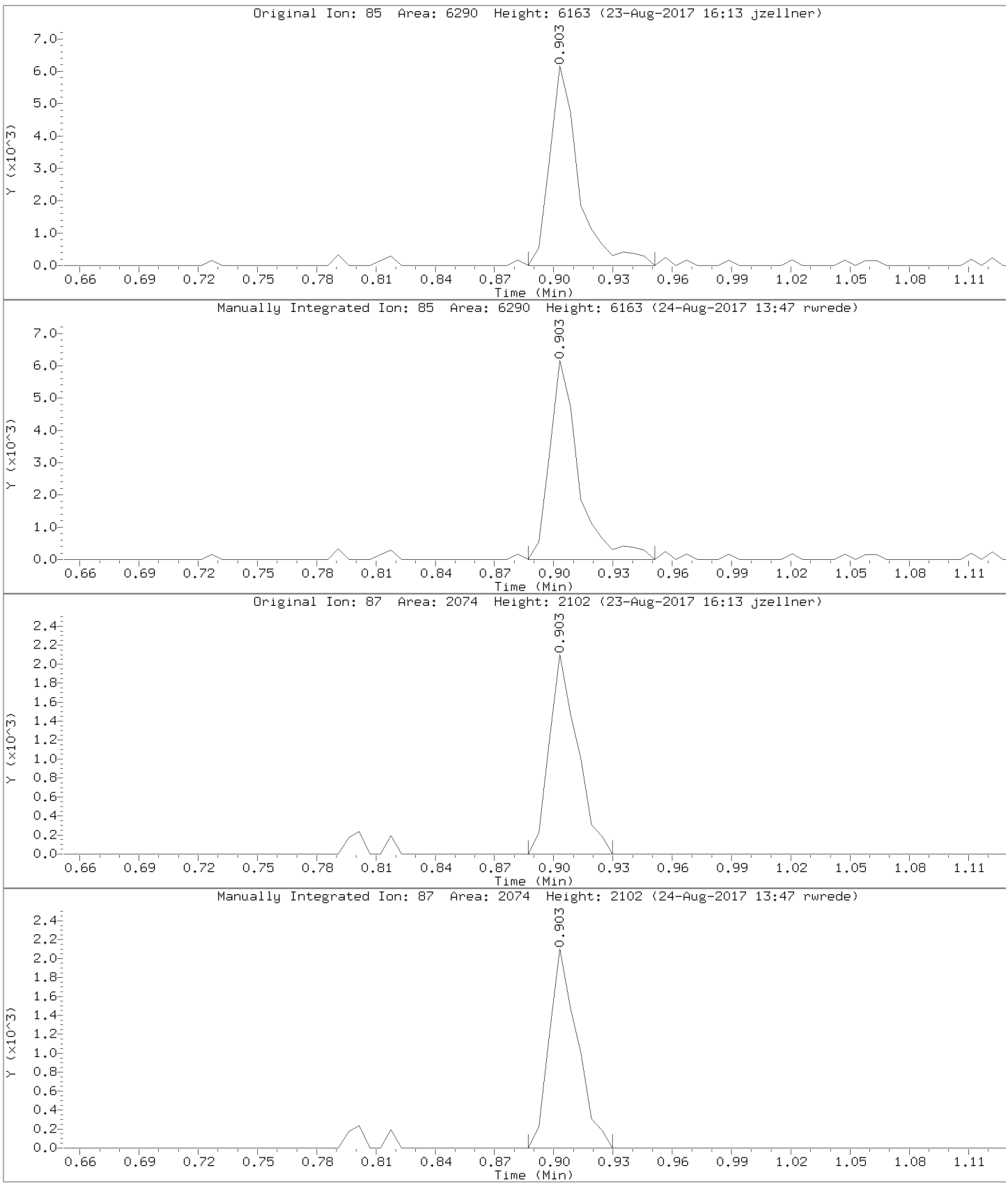
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Dichlorodifluoromethane Review Code: NI
CAS Number: 75-71-8



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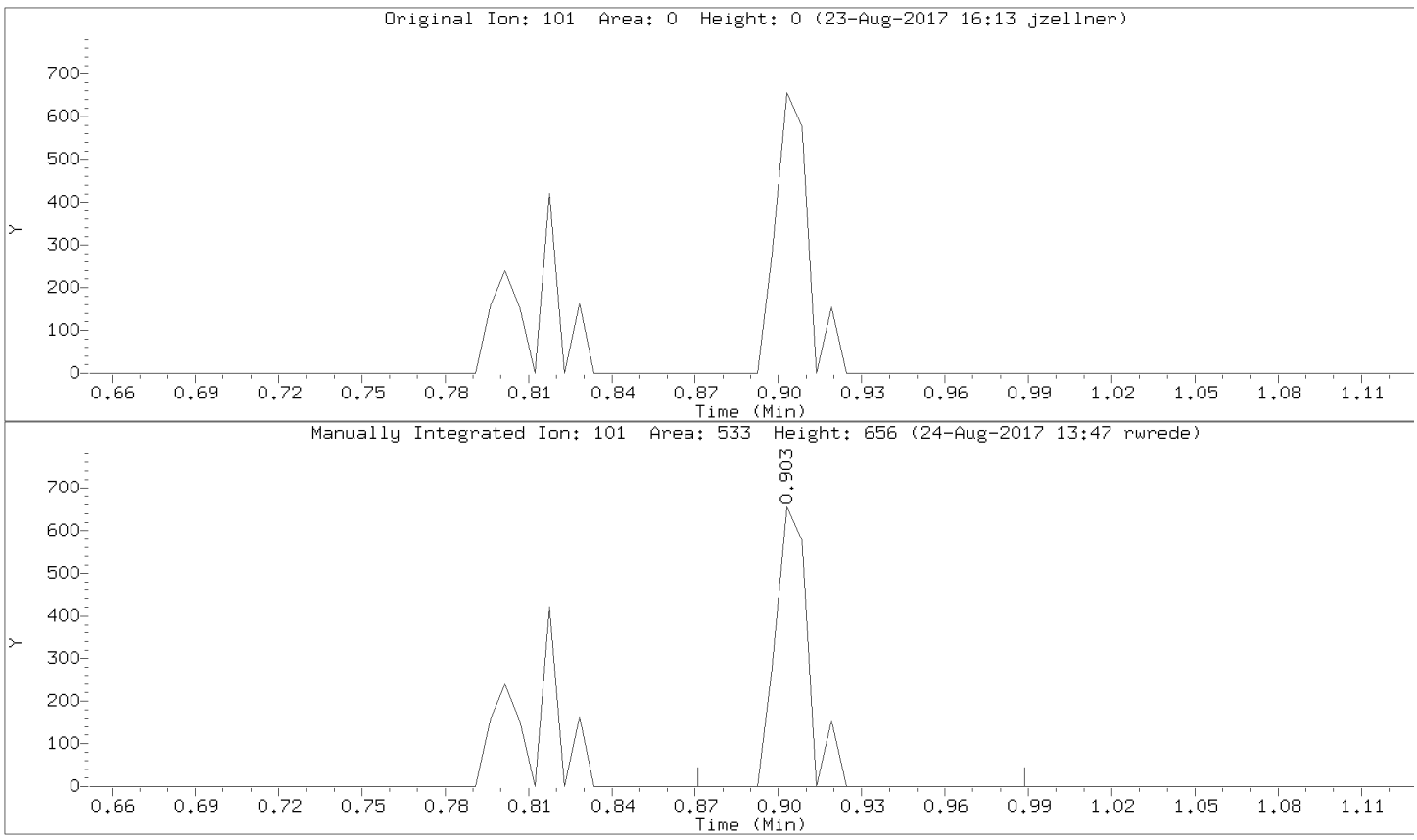
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0



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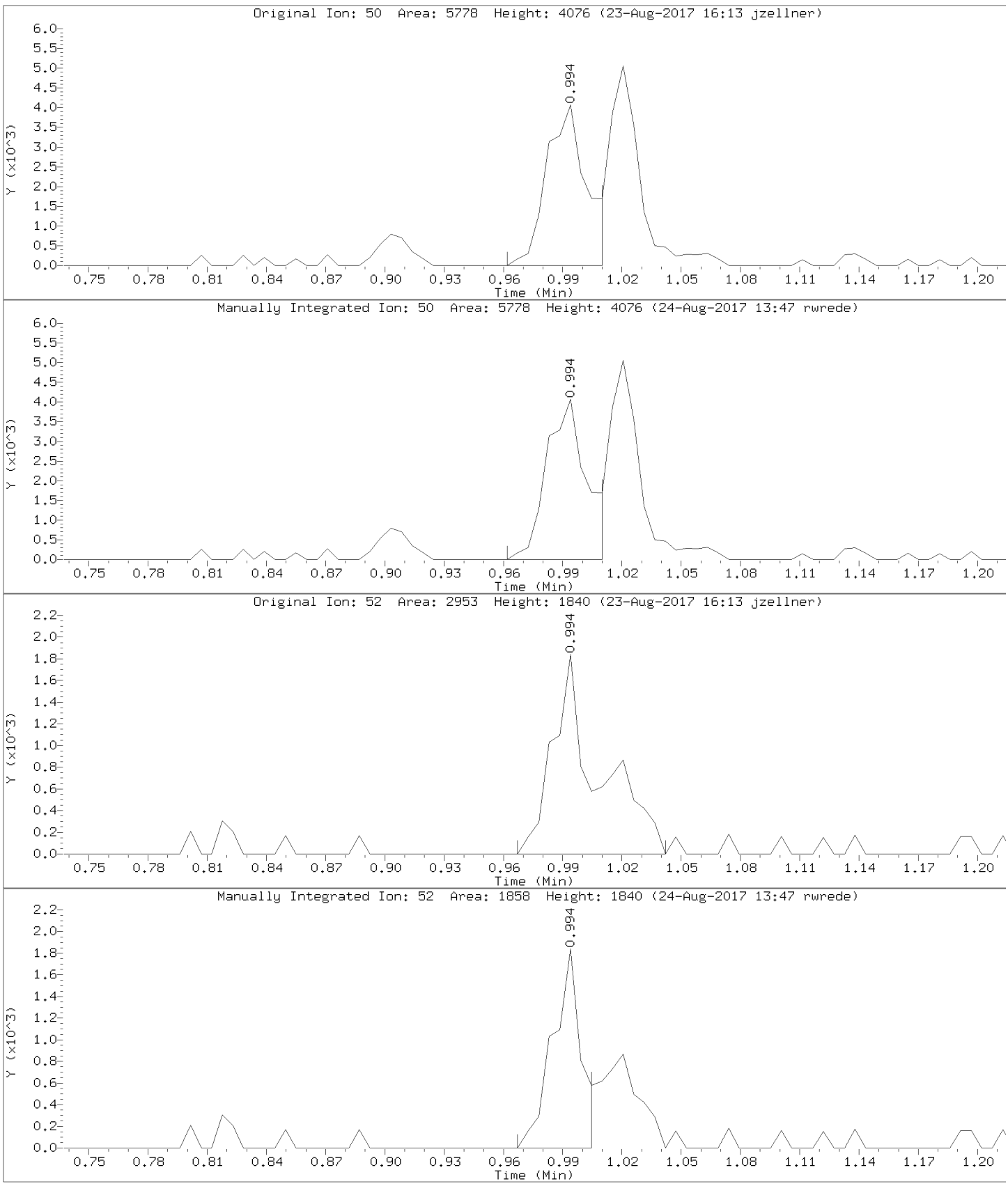
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Chloromethane Review Code:
CAS Number: 74-87-3



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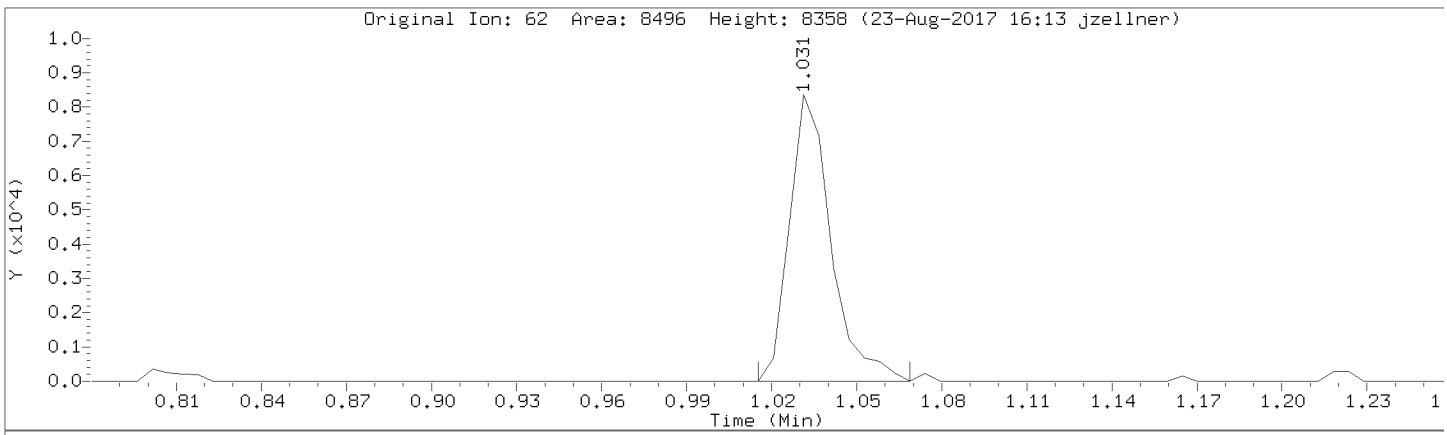
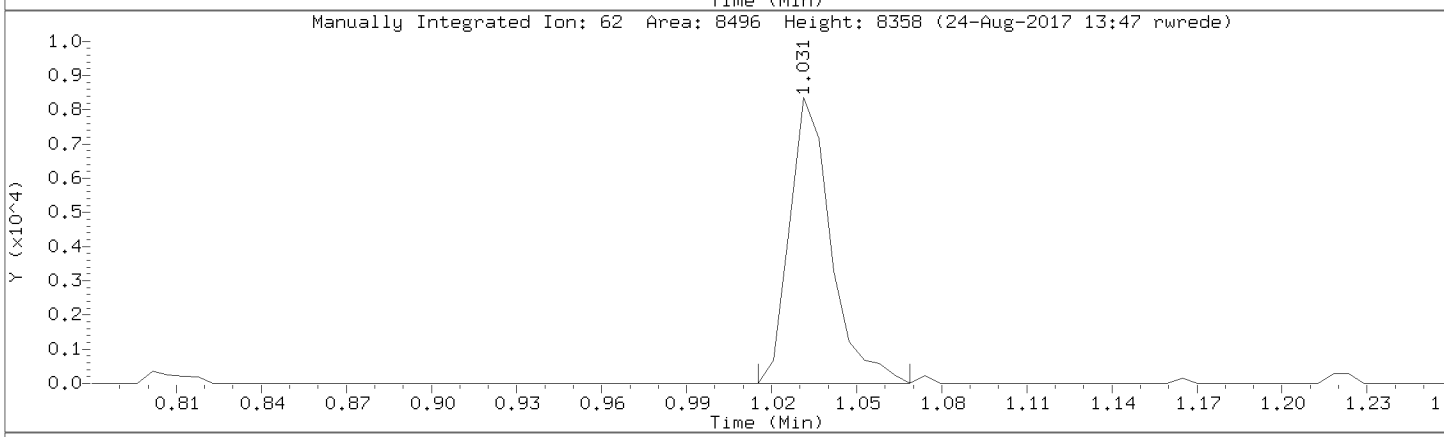
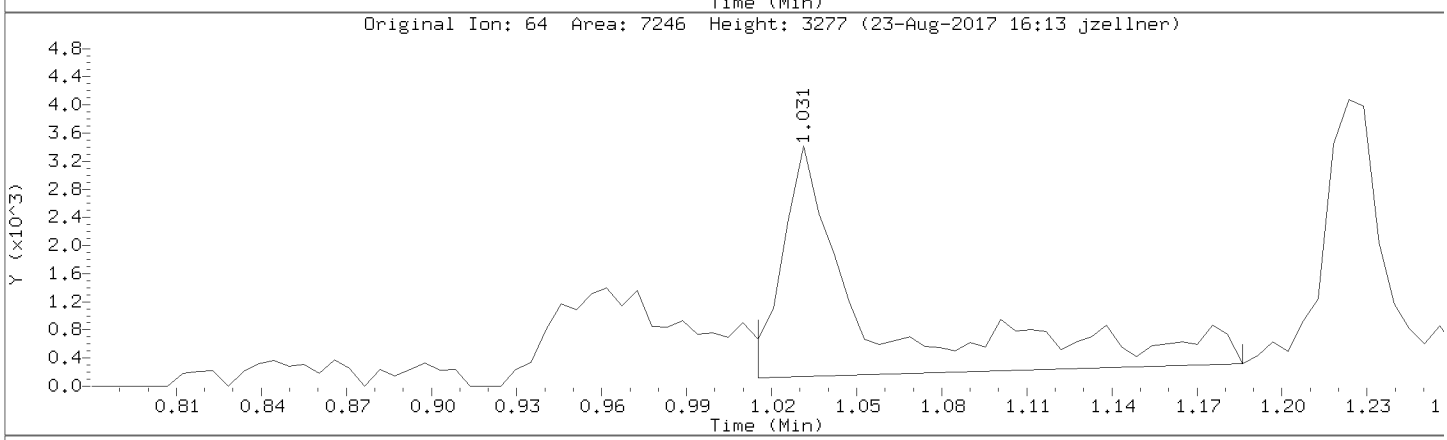
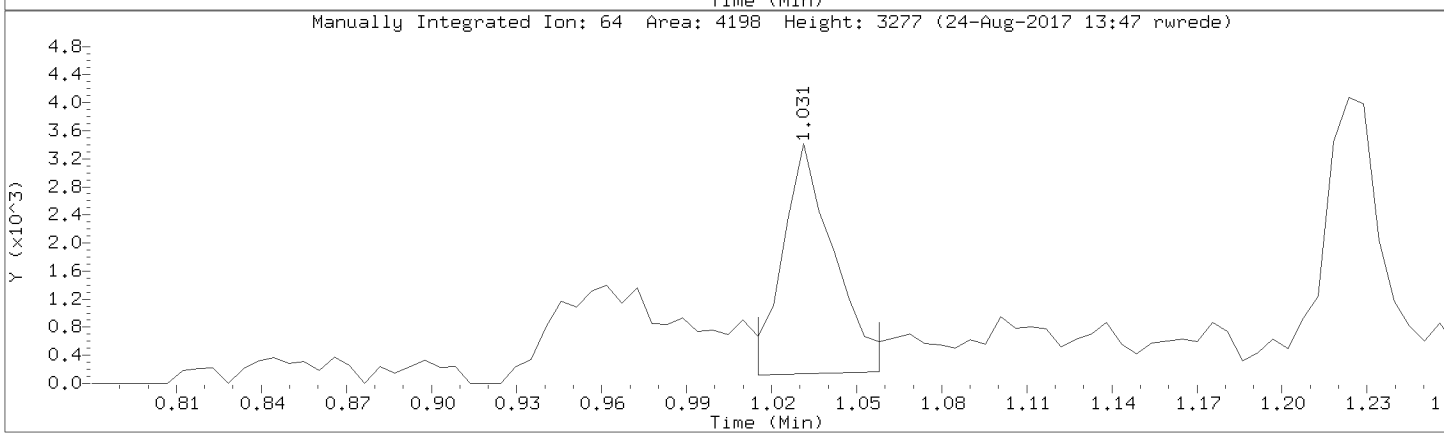
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Vinyl Chloride Review Code: GT
CAS Number: 75-01-4









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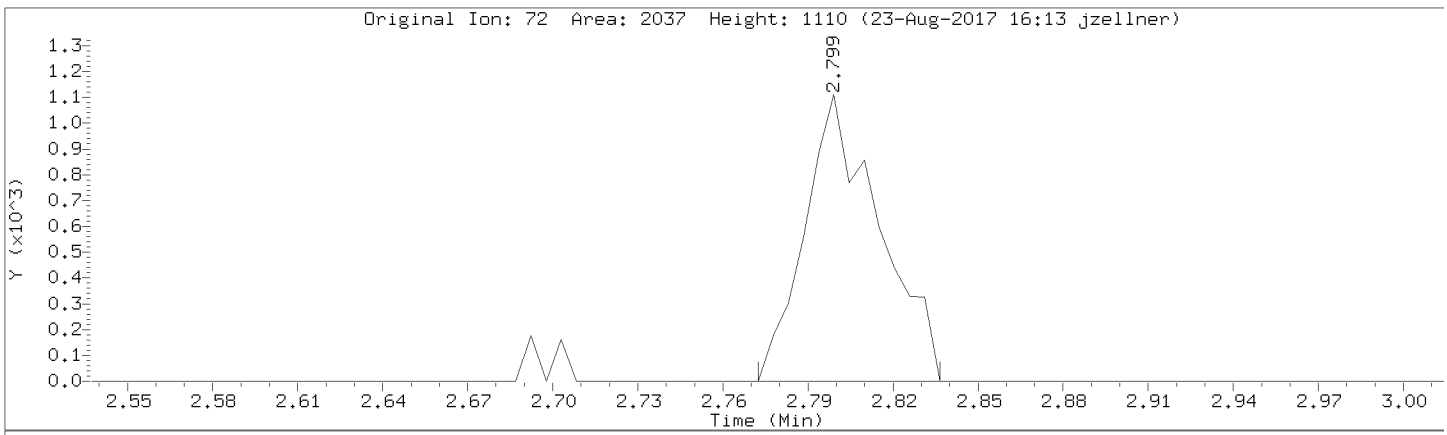
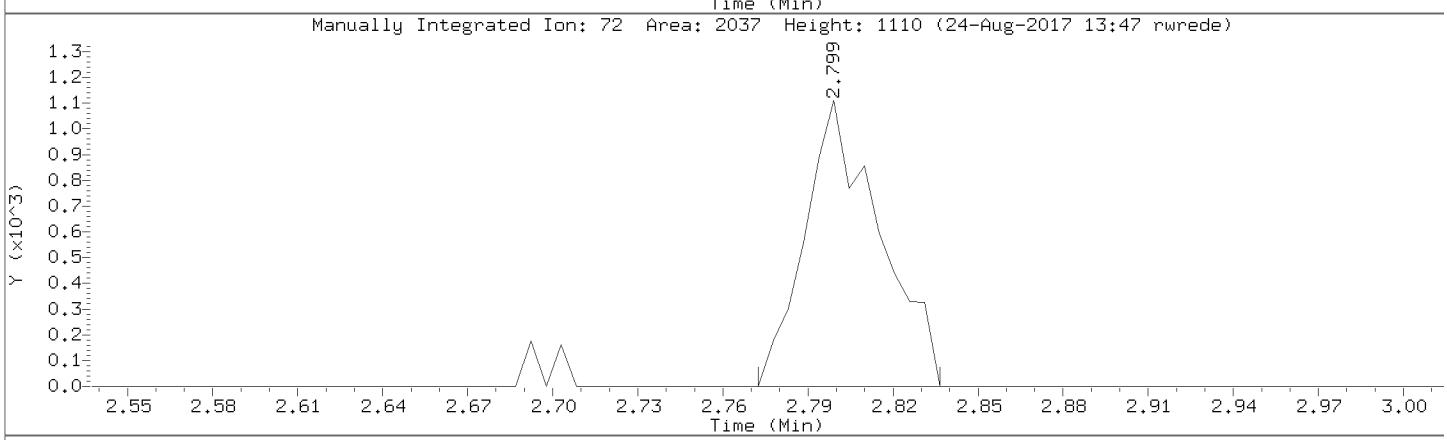
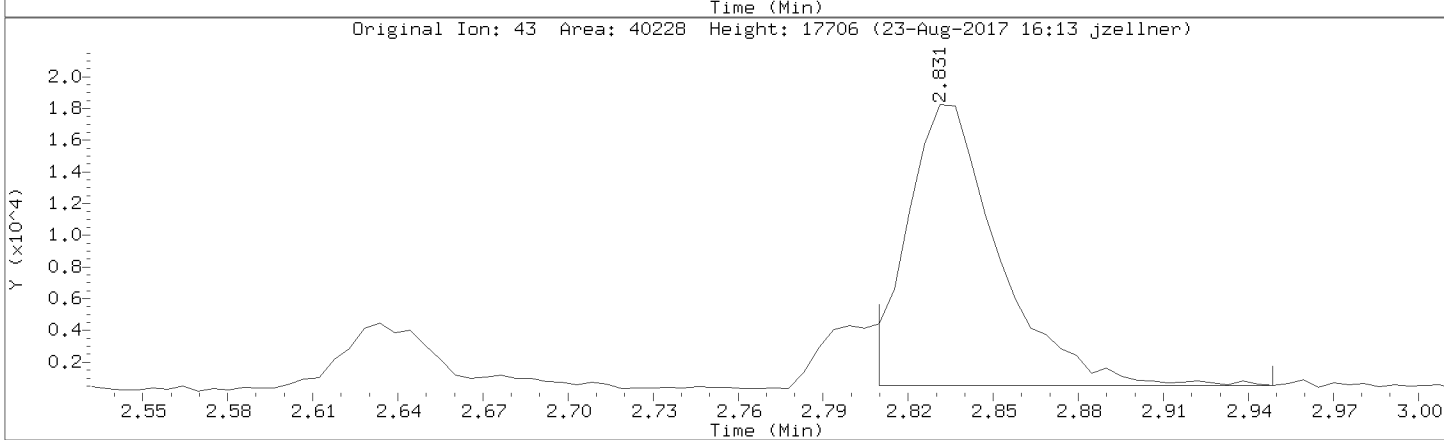
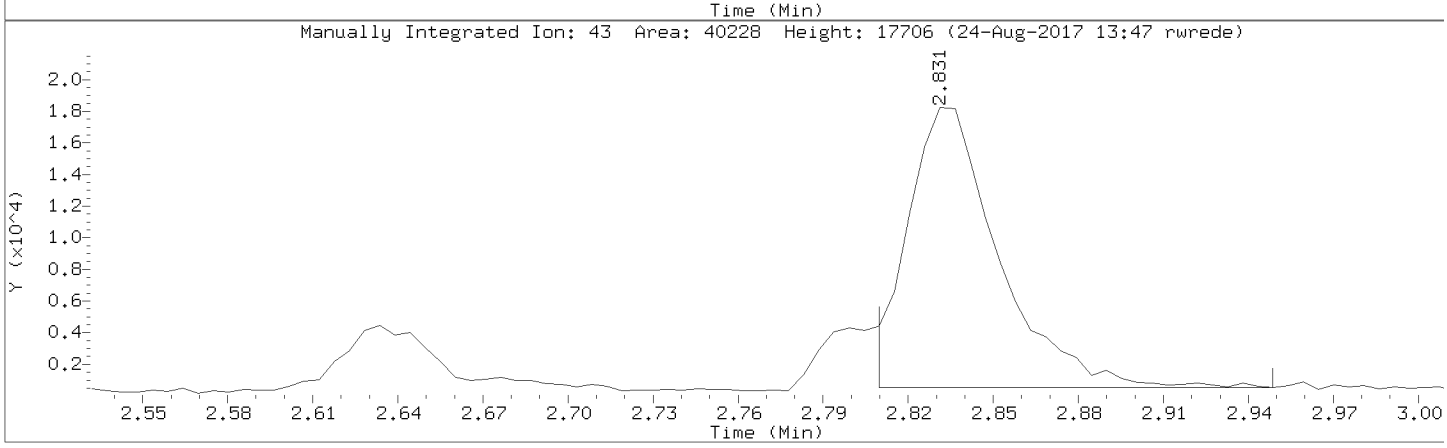
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 2-Butanone Review Code: WP
CAS Number: 78-93-3









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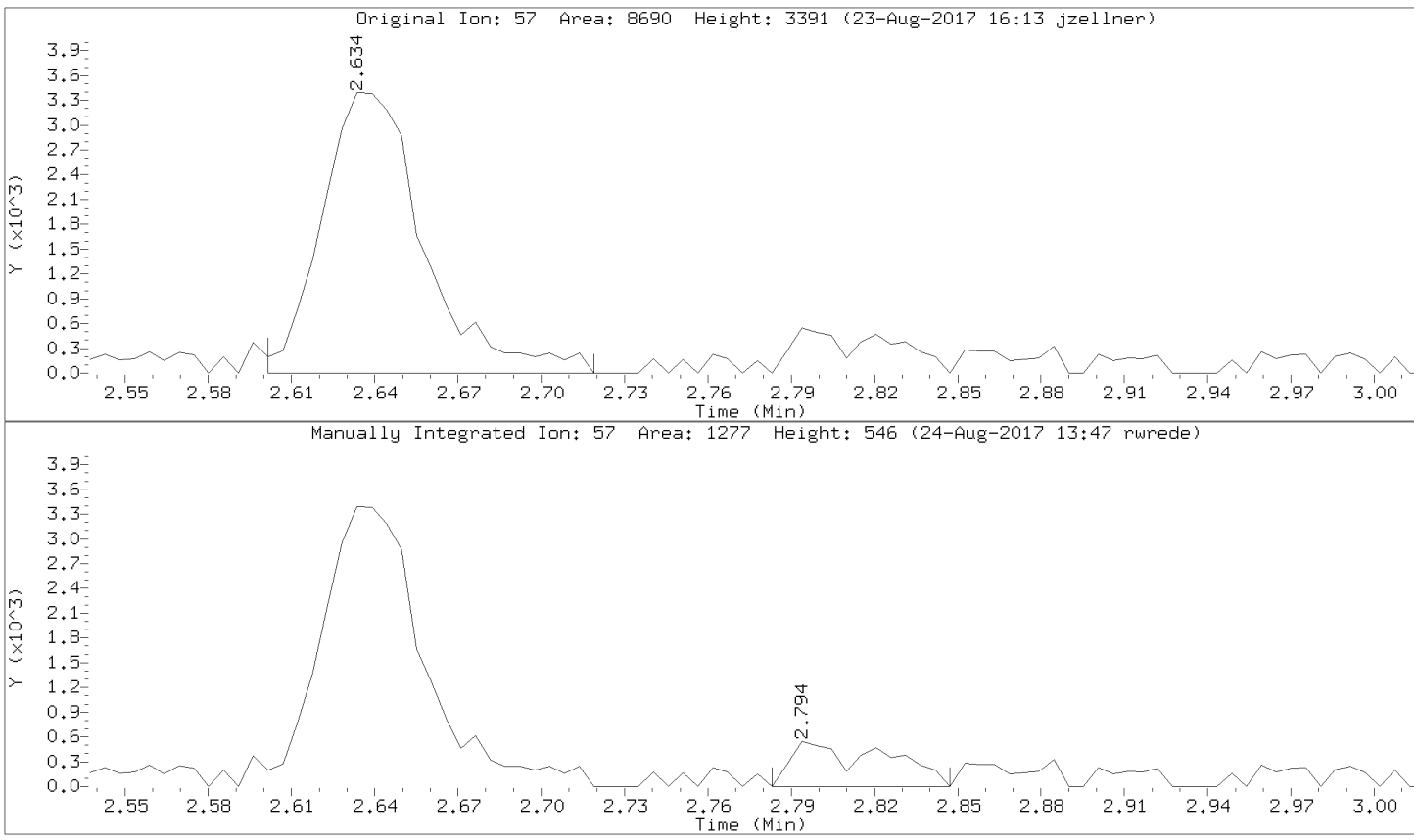
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0



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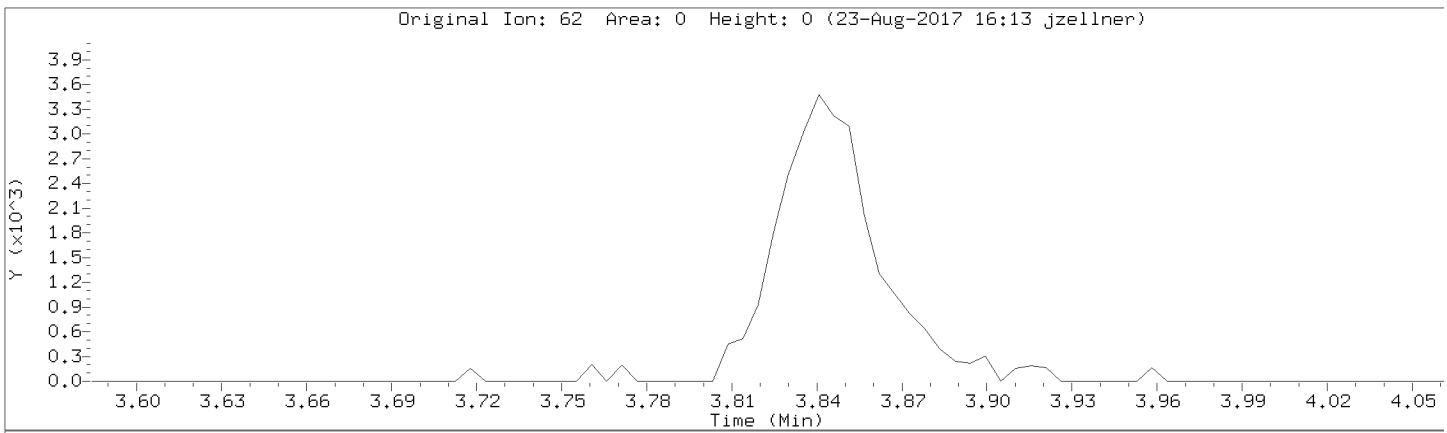
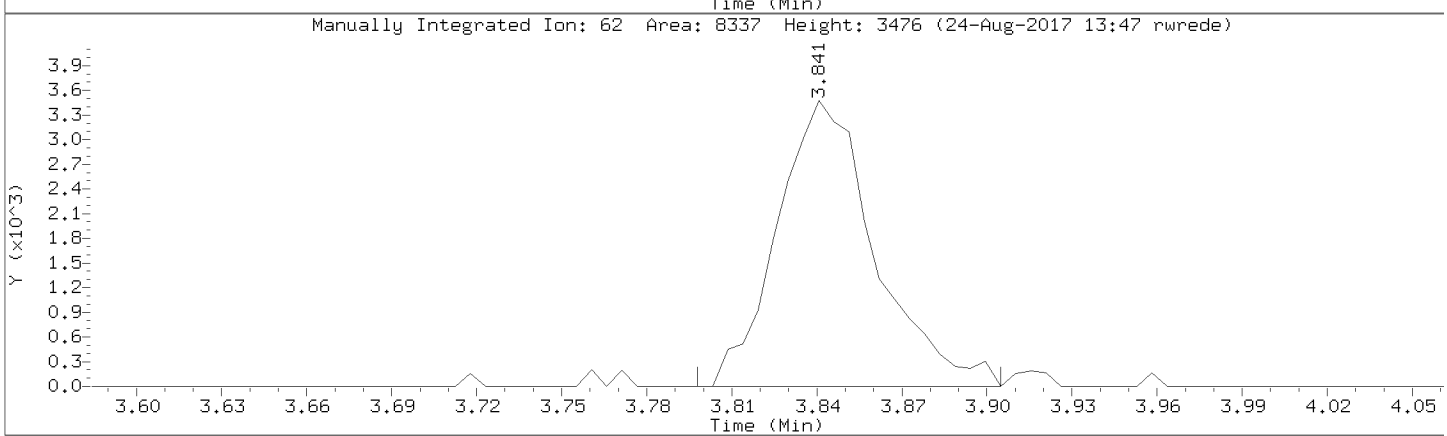
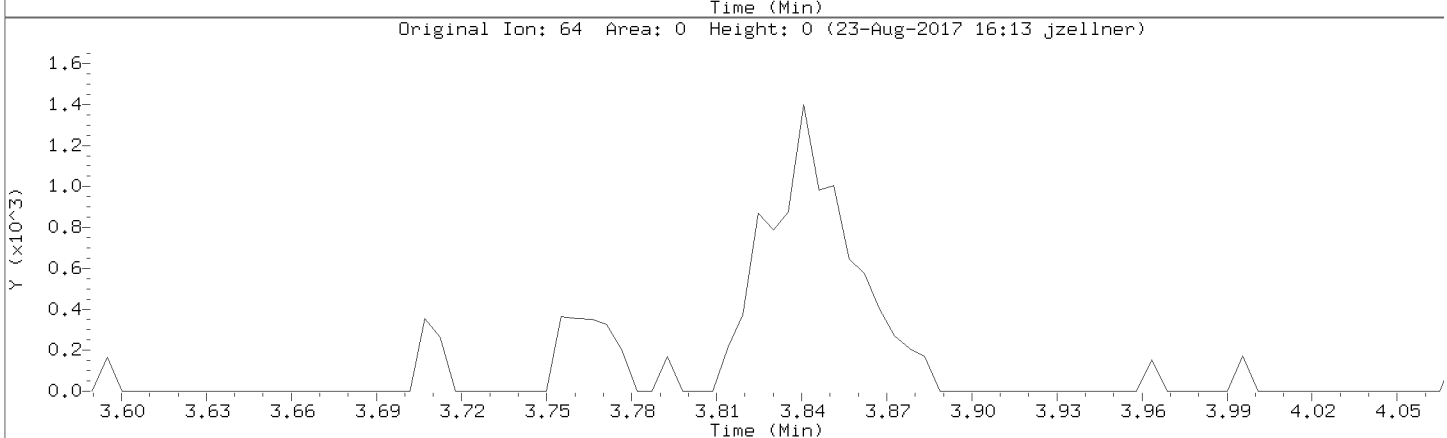
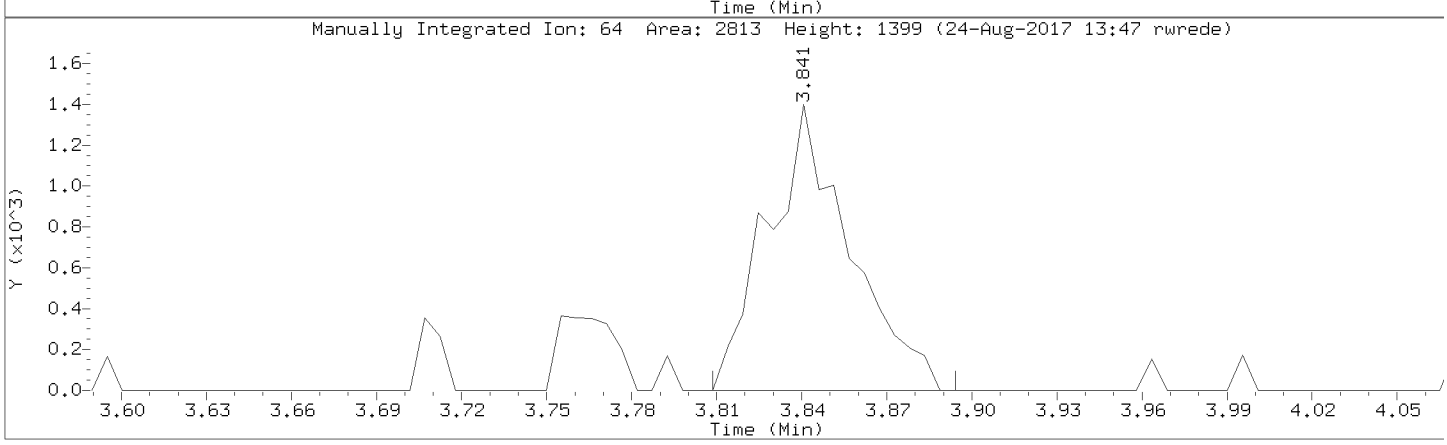
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2









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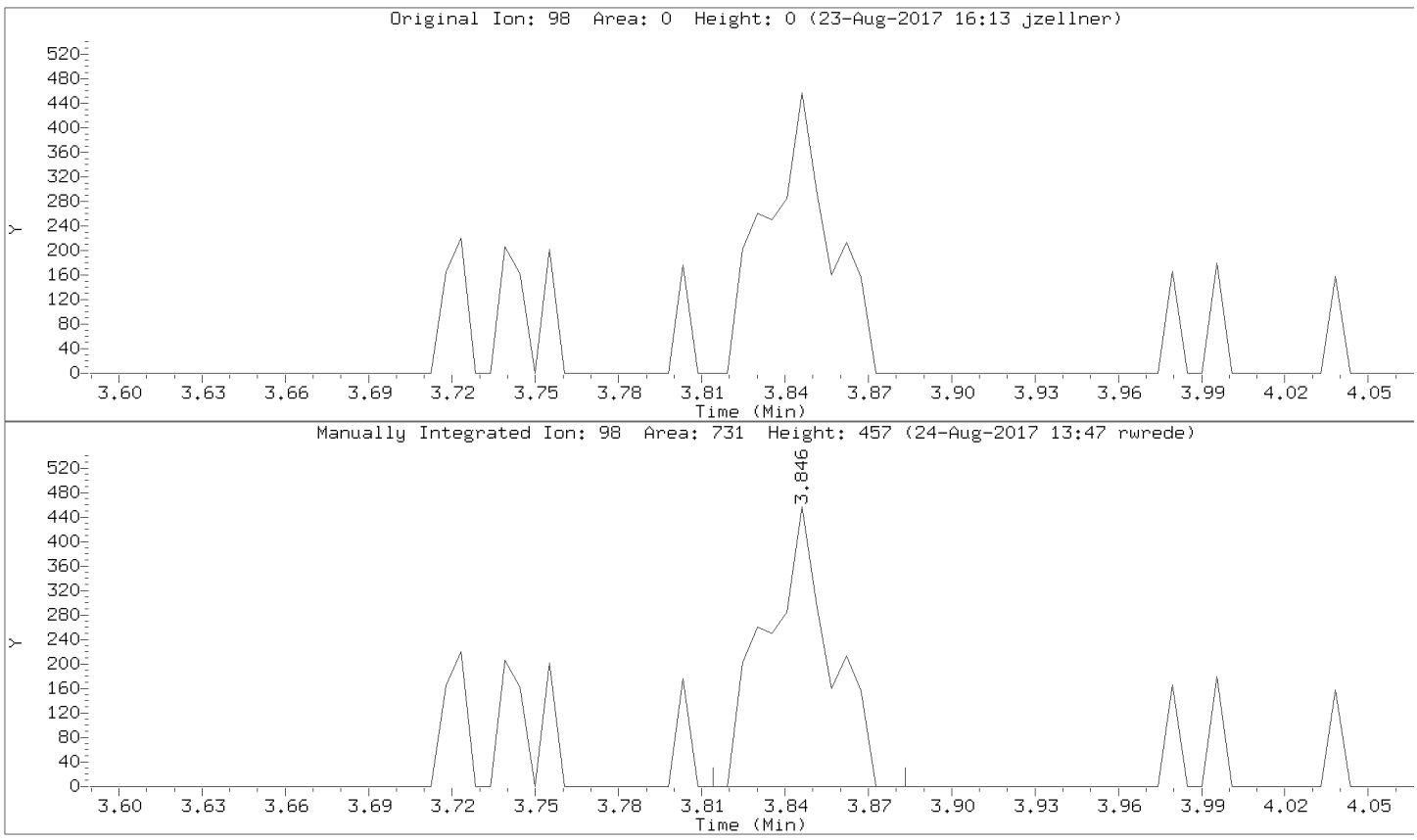
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0



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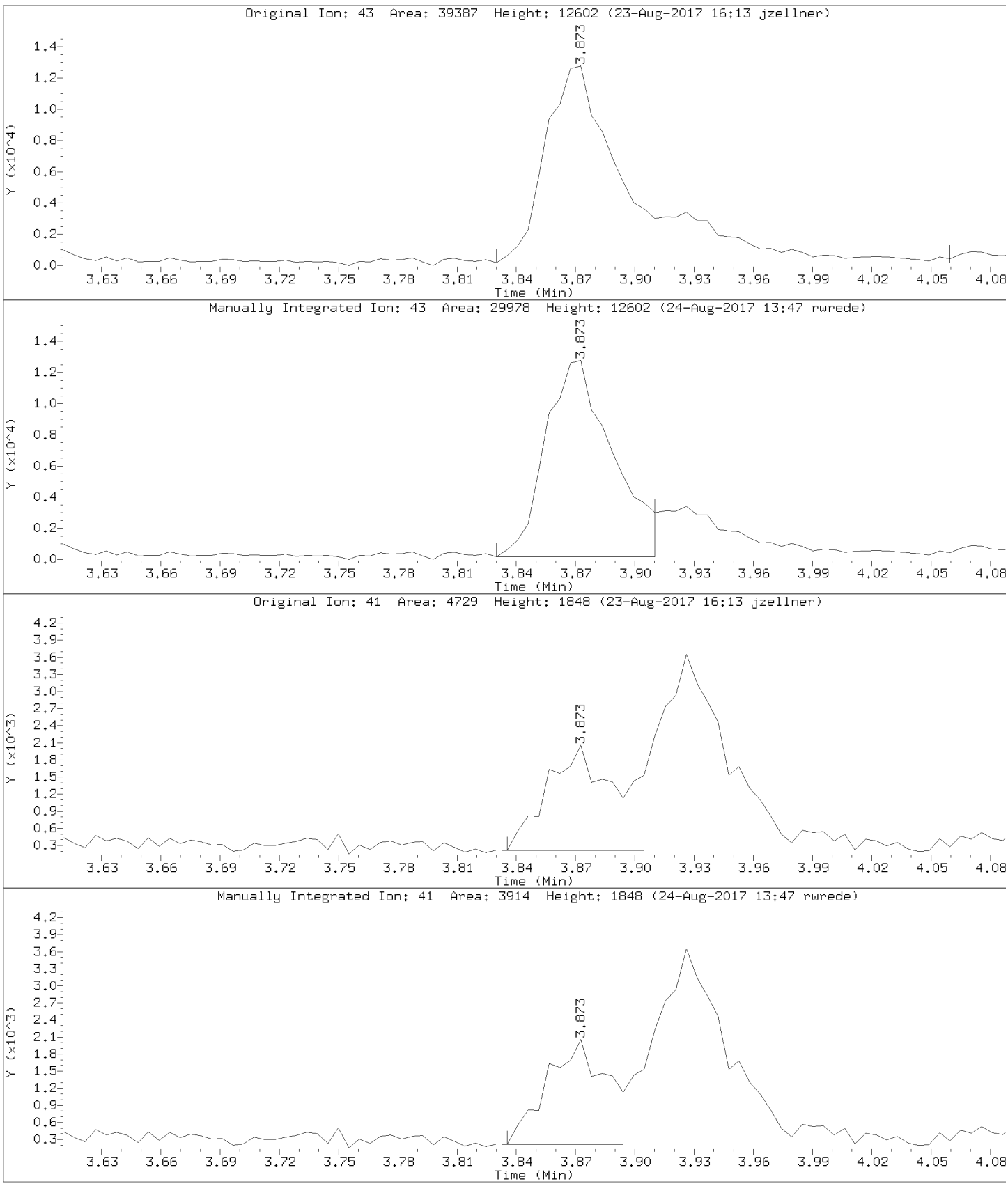
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Isobutyl alcohol Review Code: NI
CAS Number: 78-83-1



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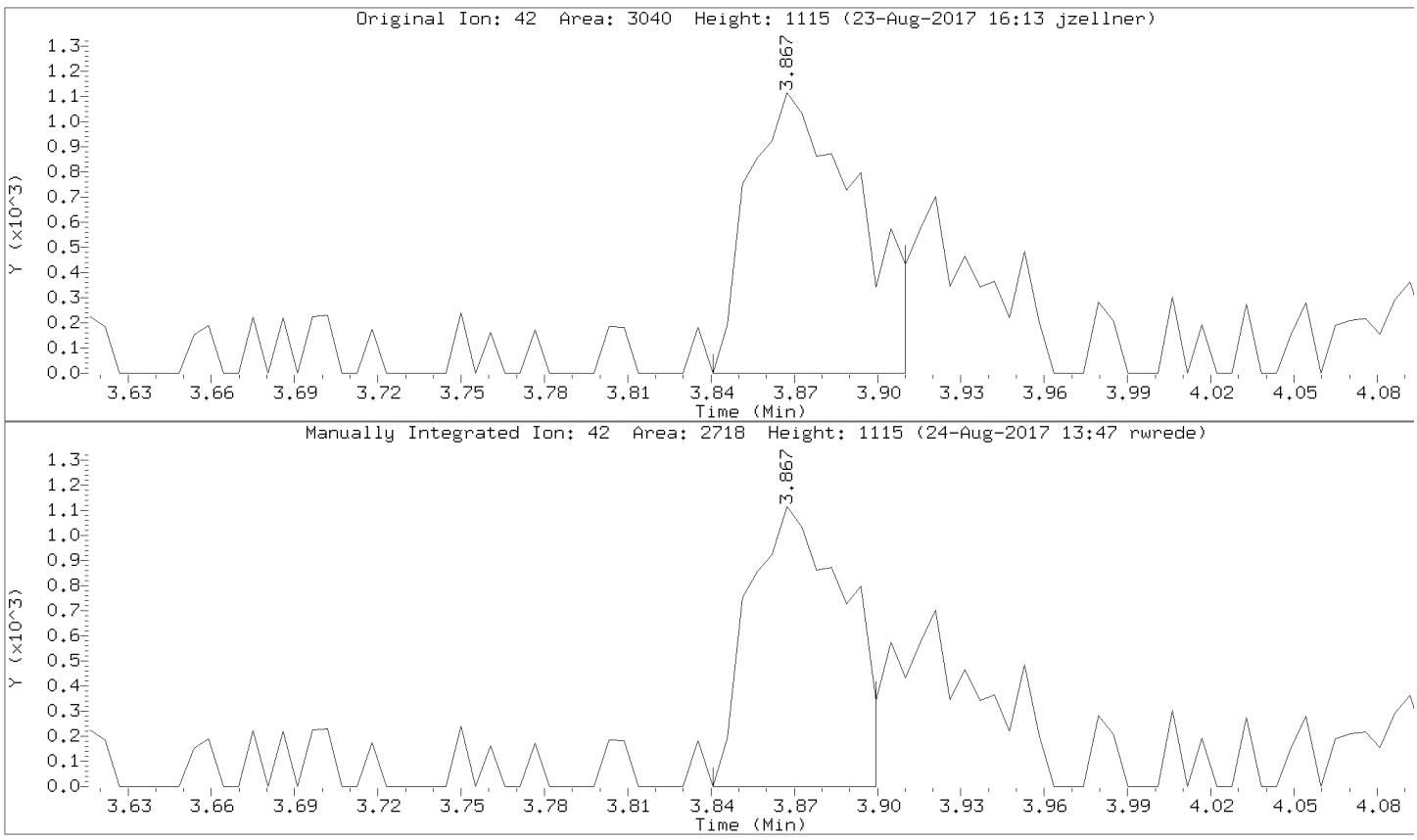
Lab Sample ID: 8260-CAL2,156494:0



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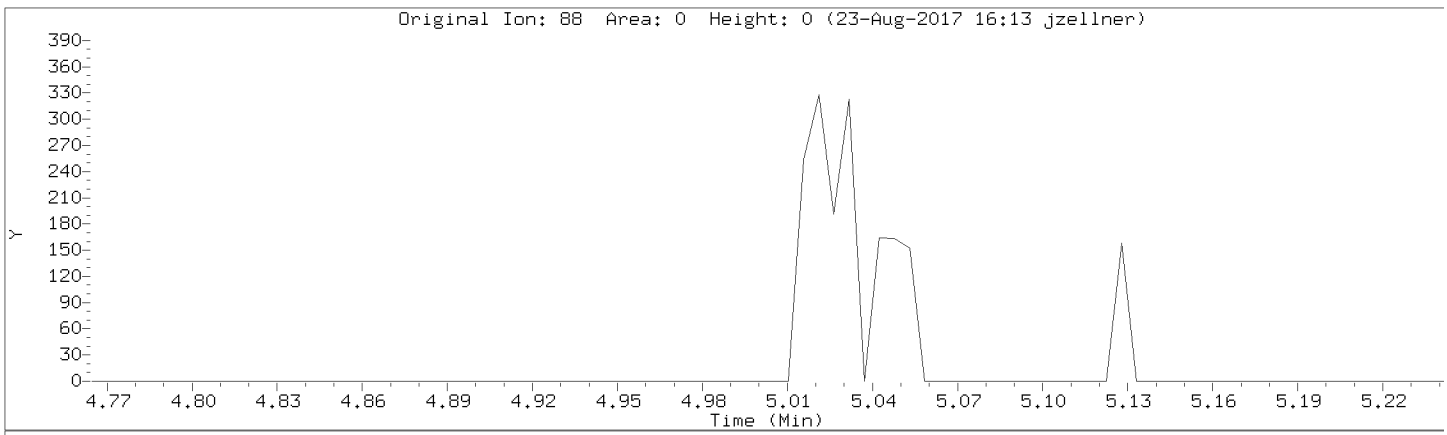
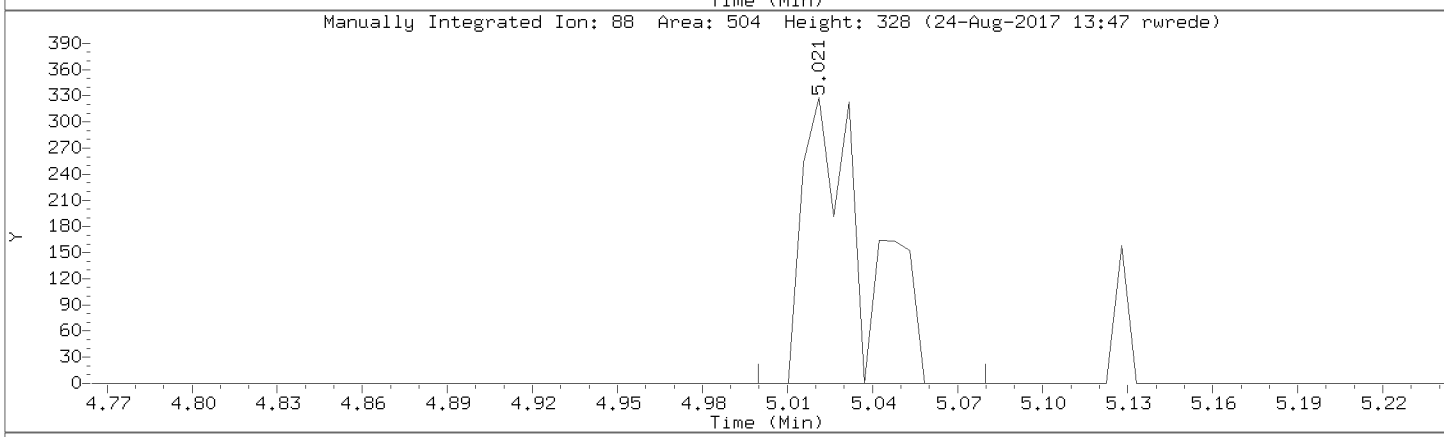
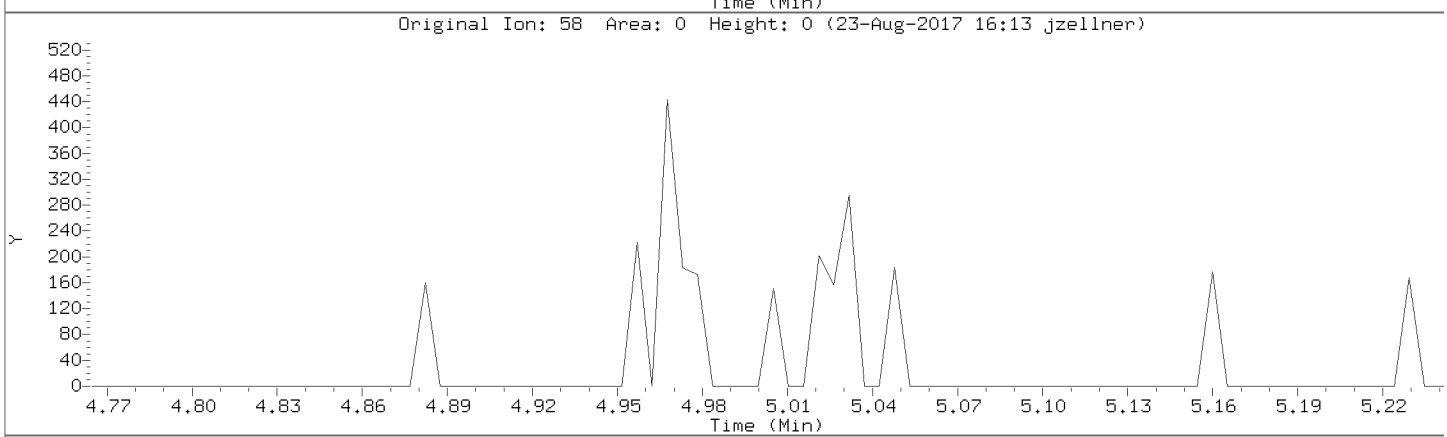
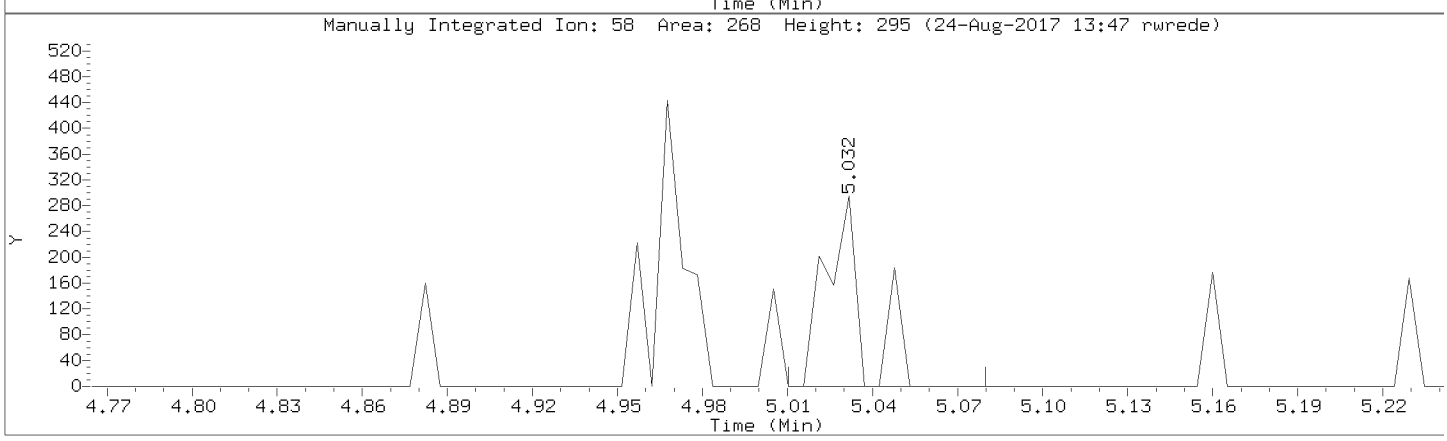
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,4-Dioxane Review Code: NI
CAS Number:









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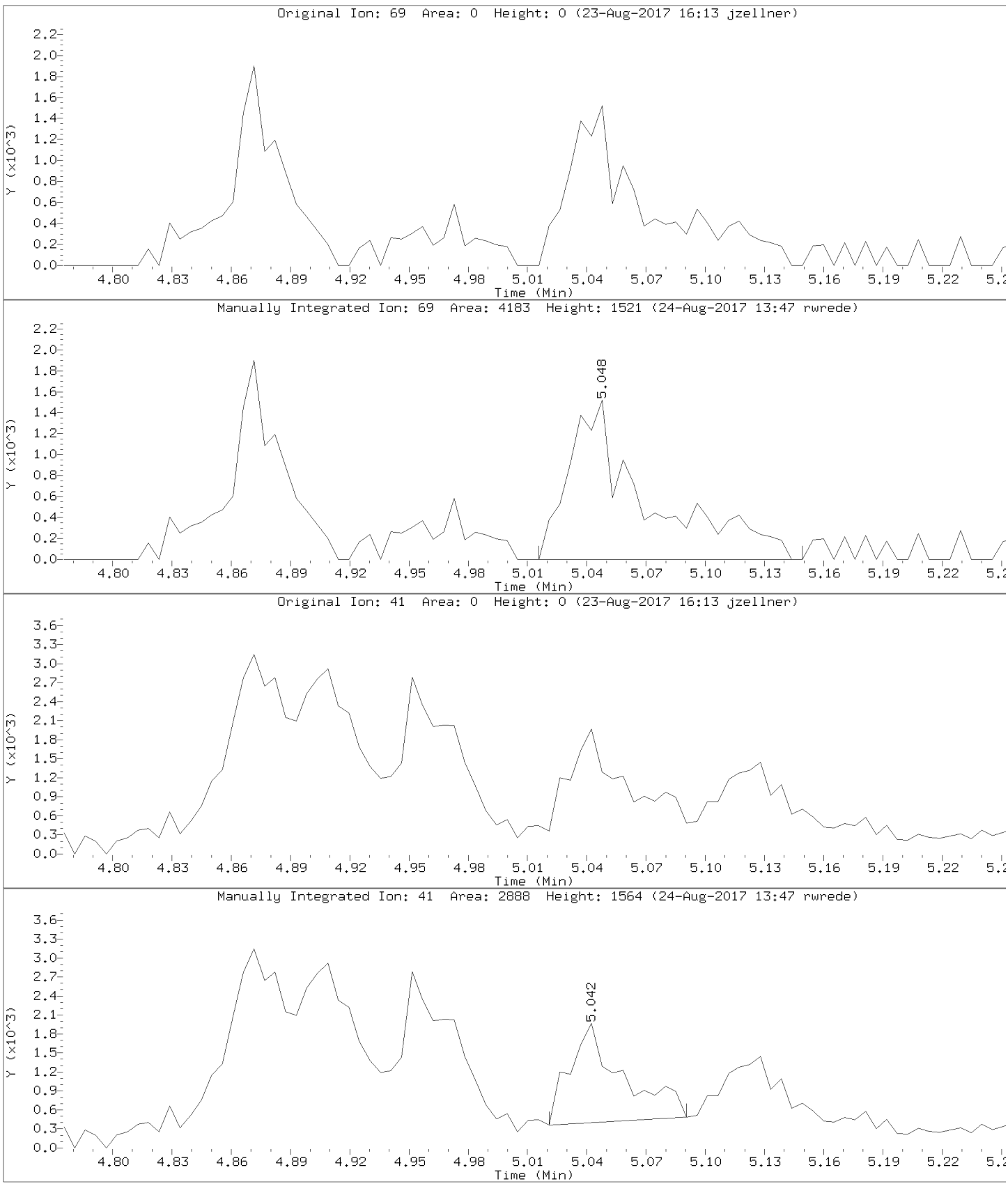
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Methyl methacrylate Review Code: NI
CAS Number: 80-62-6



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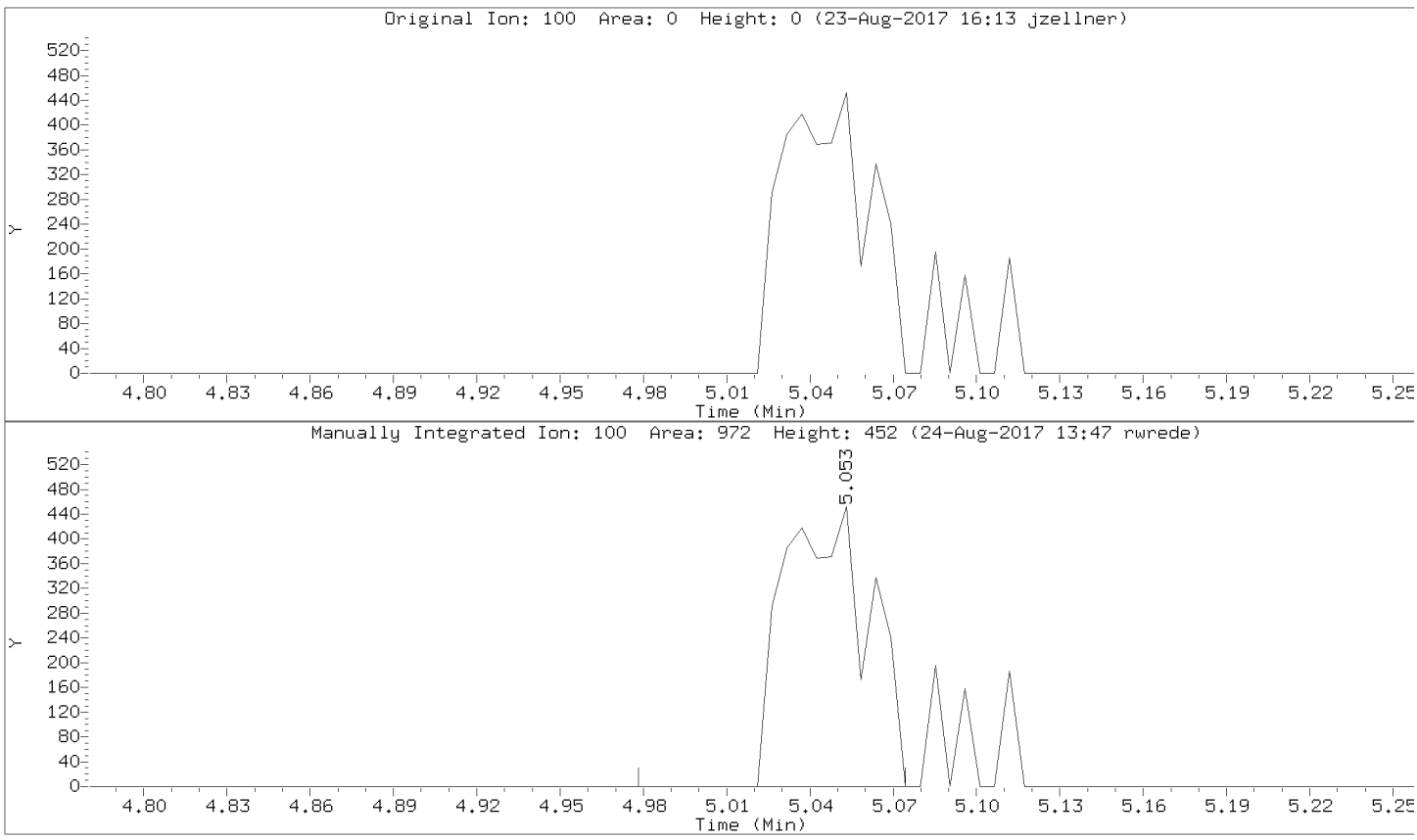
Lab Sample ID: 8260-CAL2,156494:0



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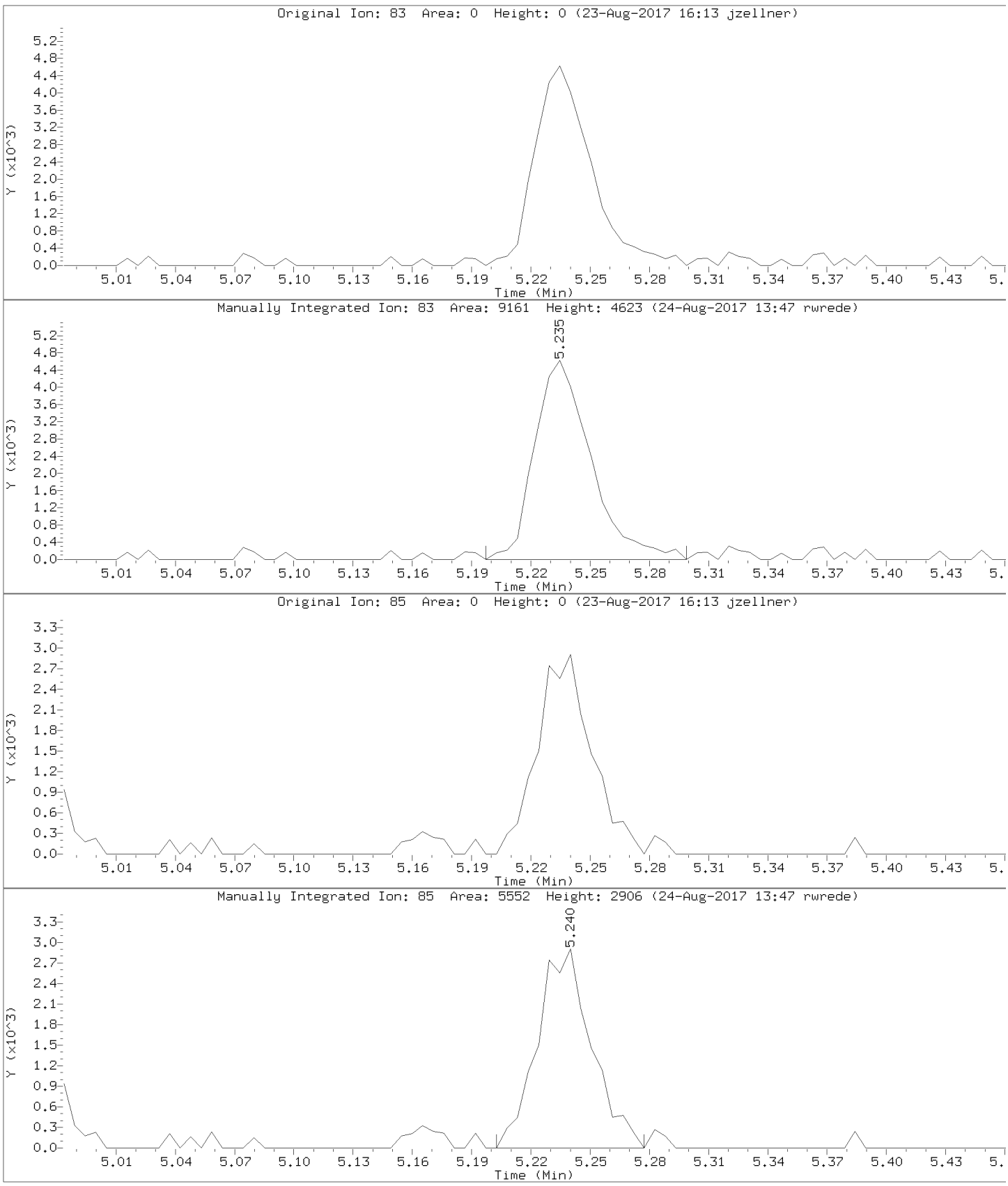
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Bromodichloromethane Review Code: NI
CAS Number: 75-27-4



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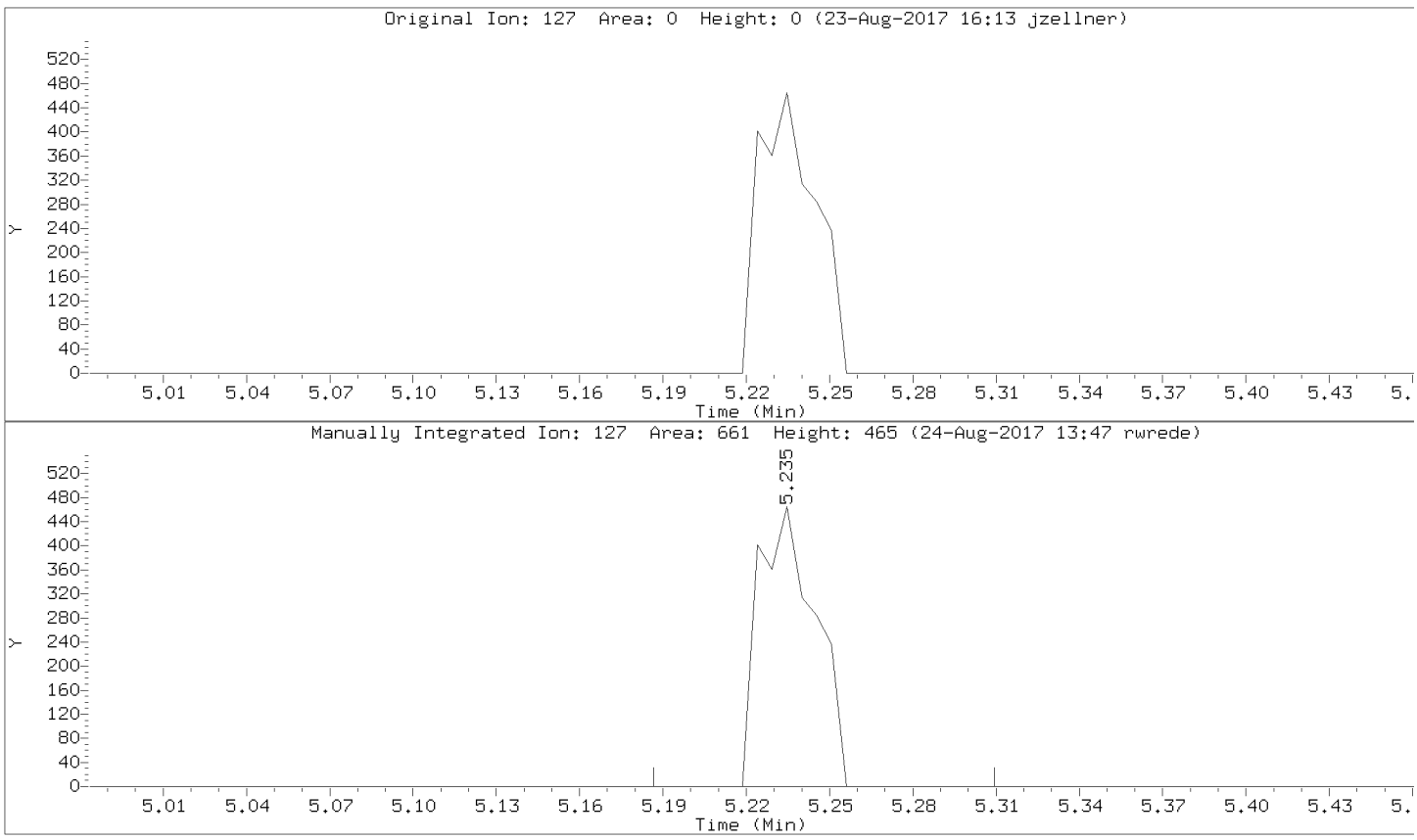

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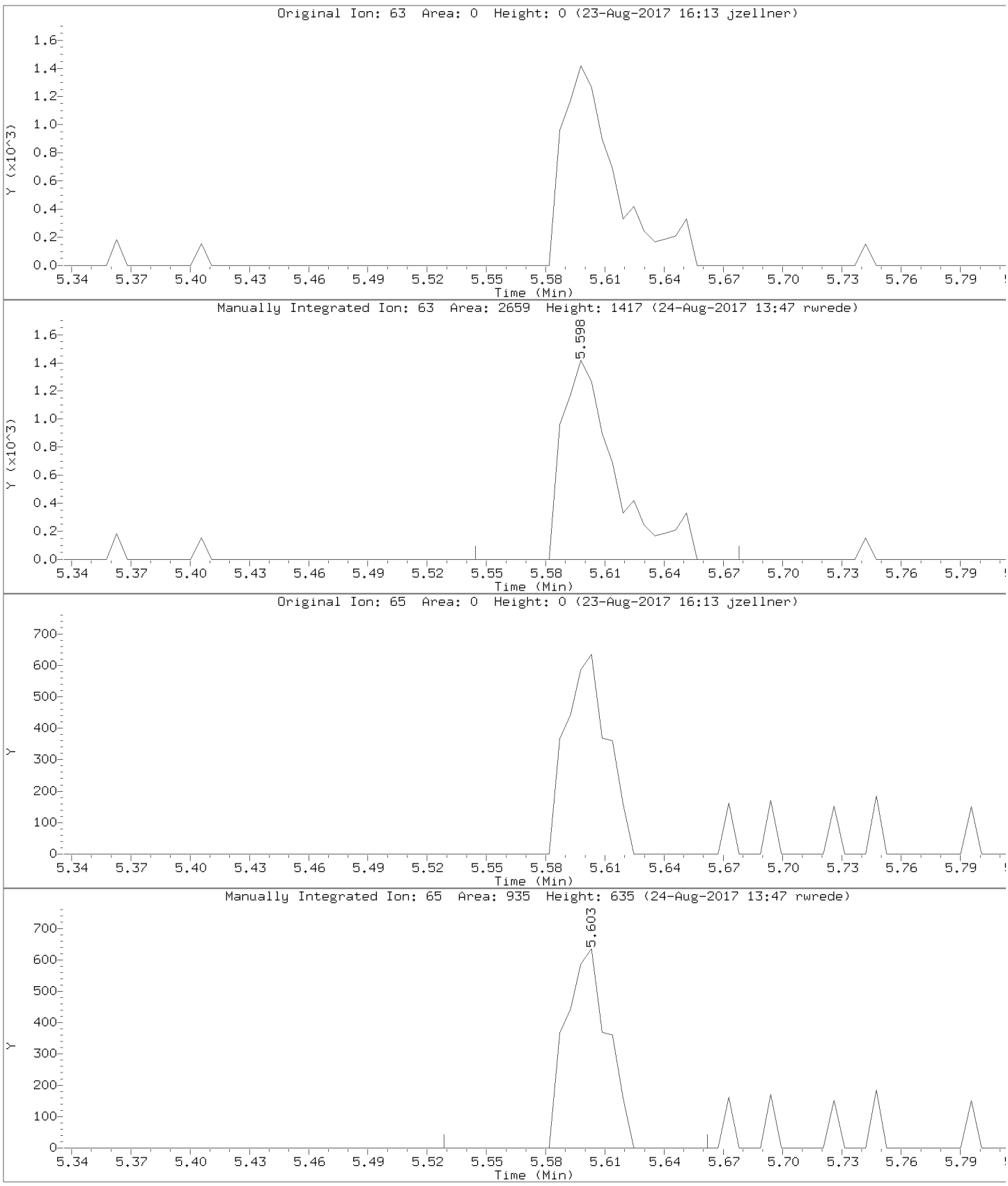
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 2-Chloroethyl vinyl ether Review Code: NI
CAS Number: 110-75-8



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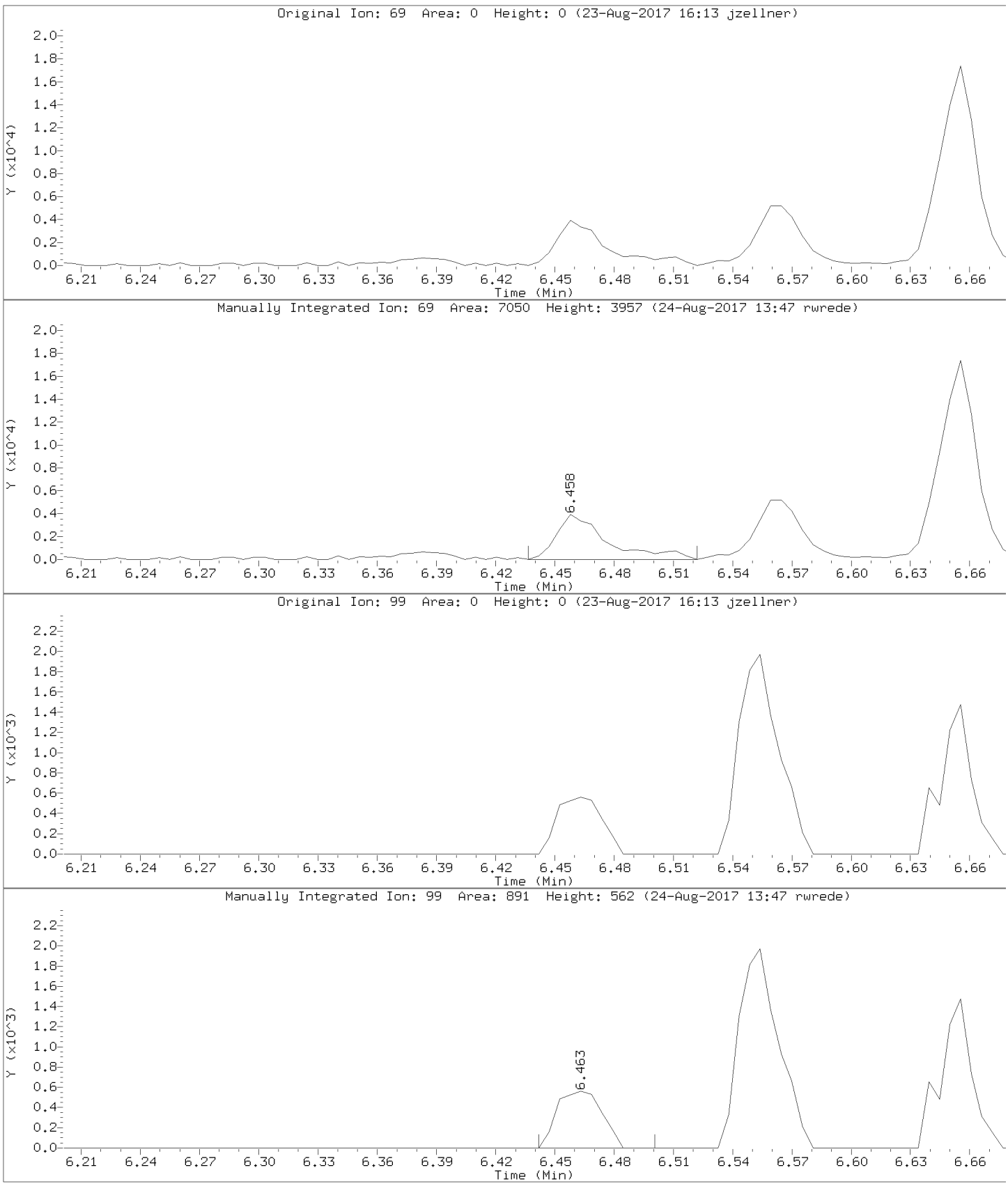
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:



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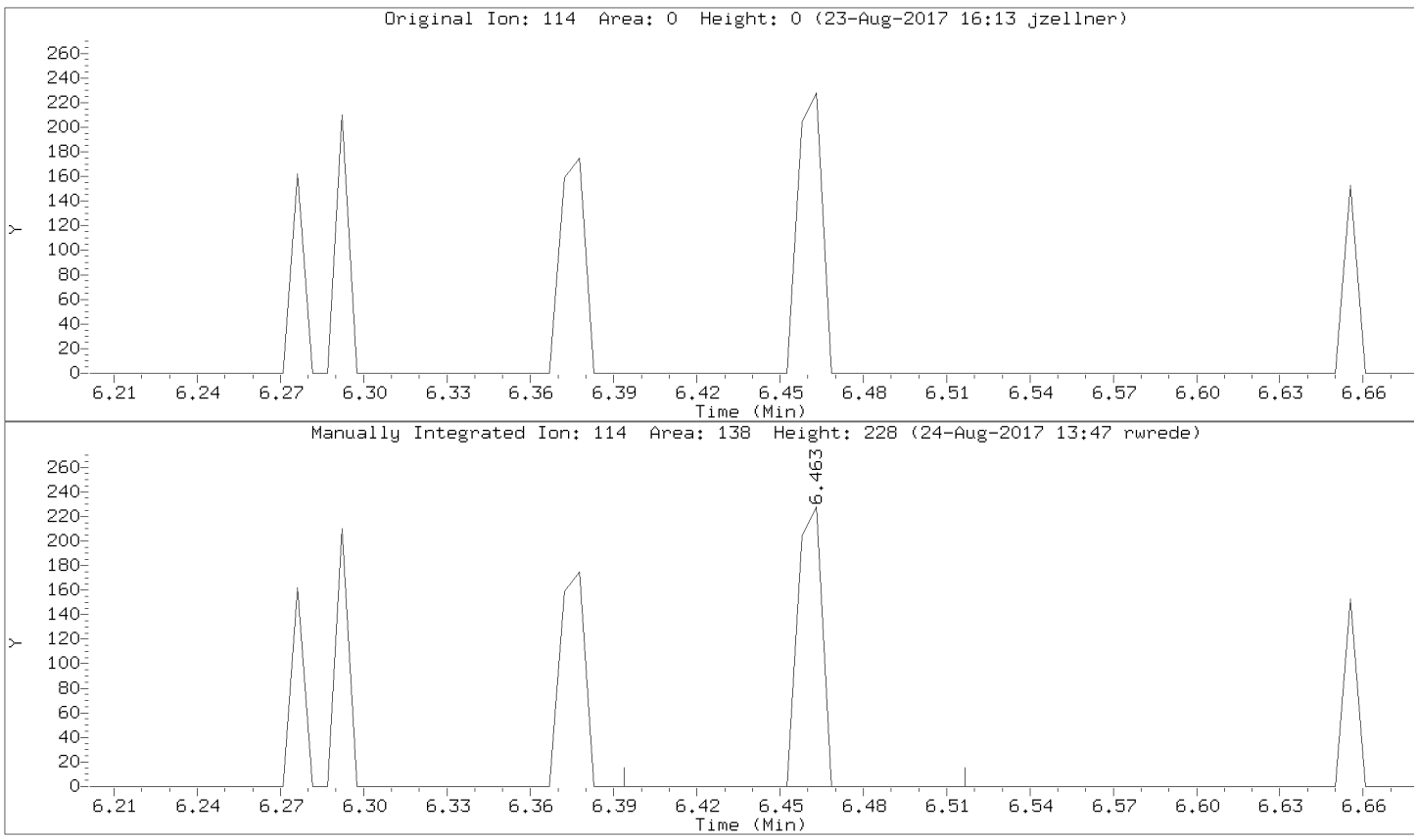
Lab Sample ID: 8260-CAL2,156494:0



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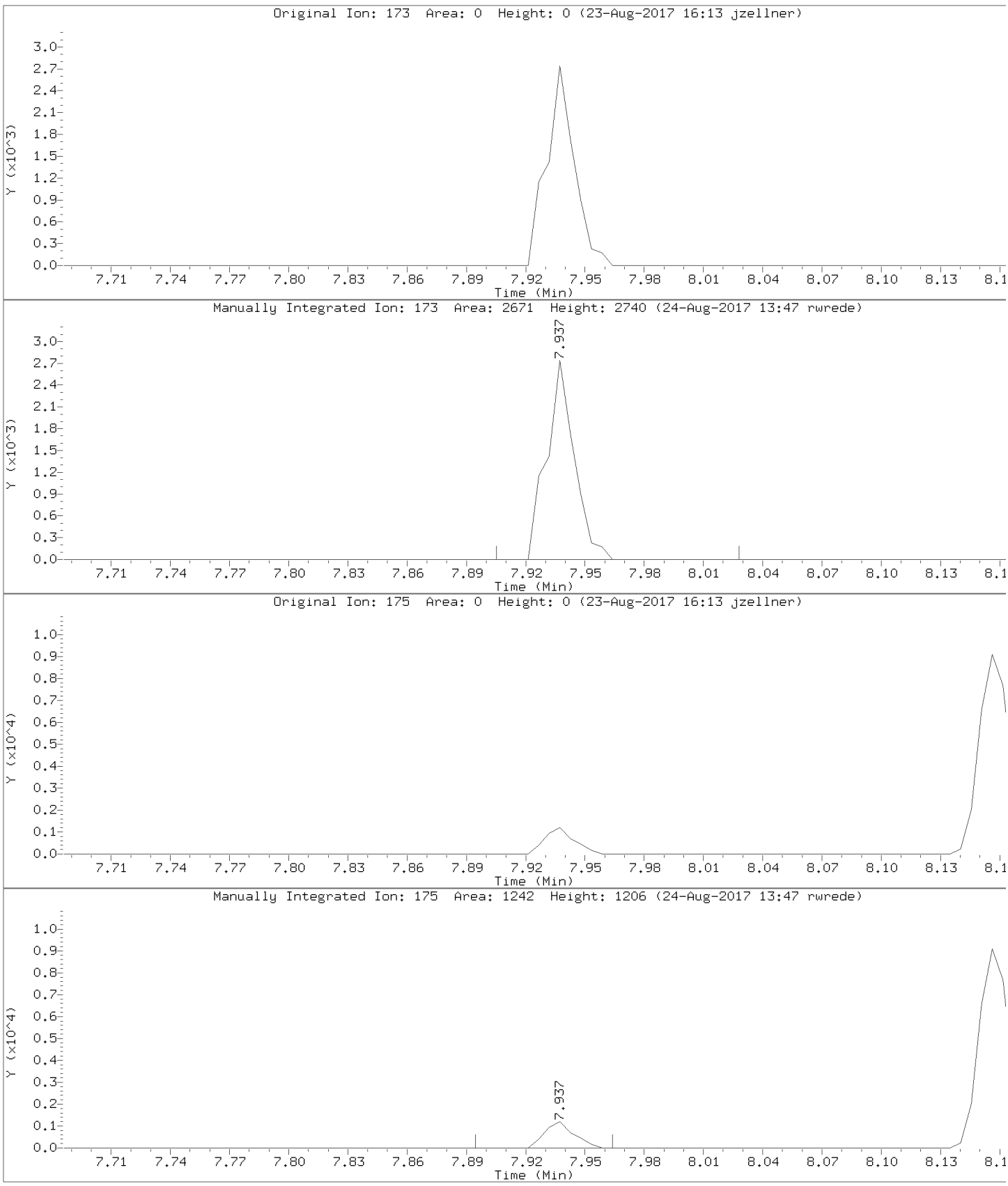
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2



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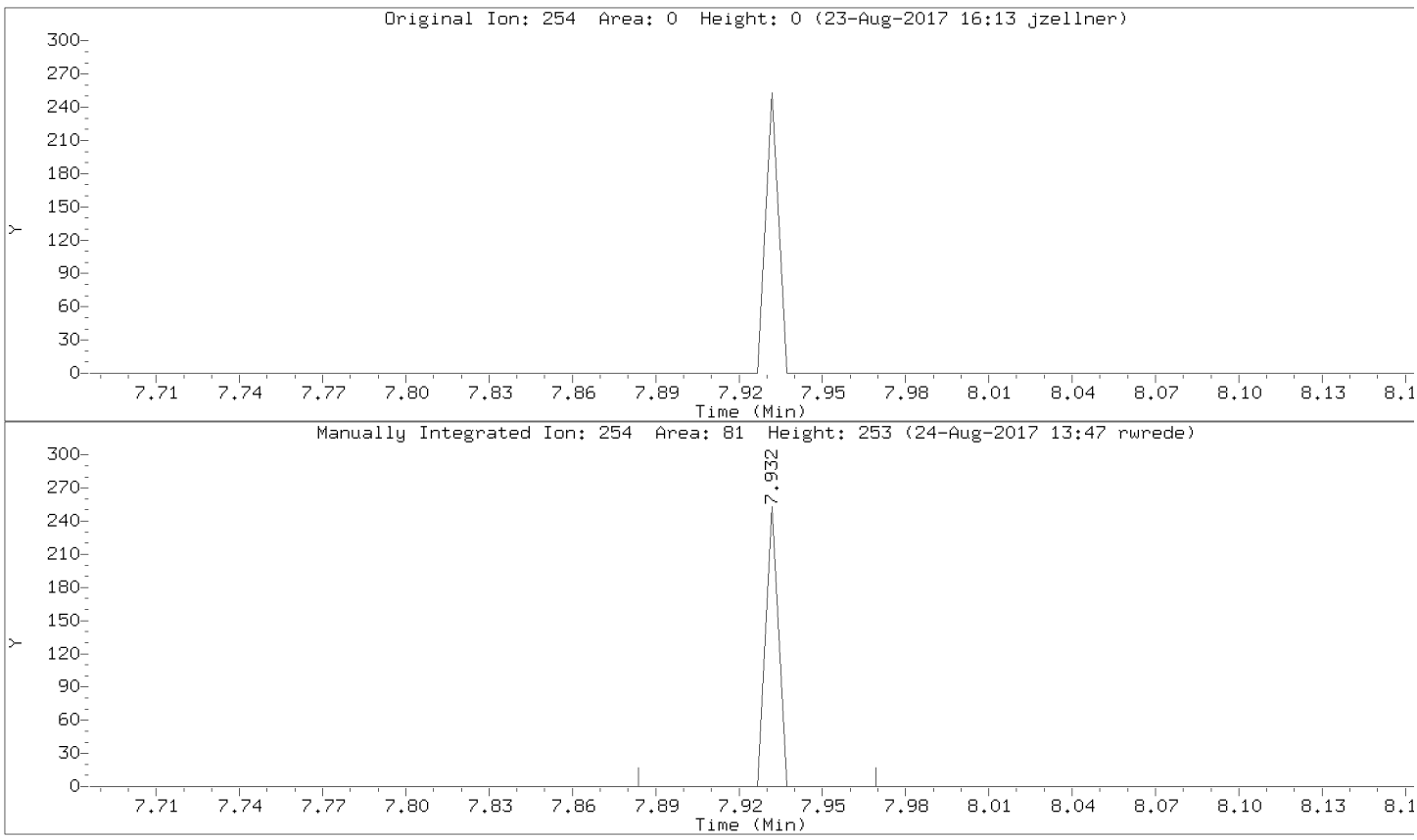
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0



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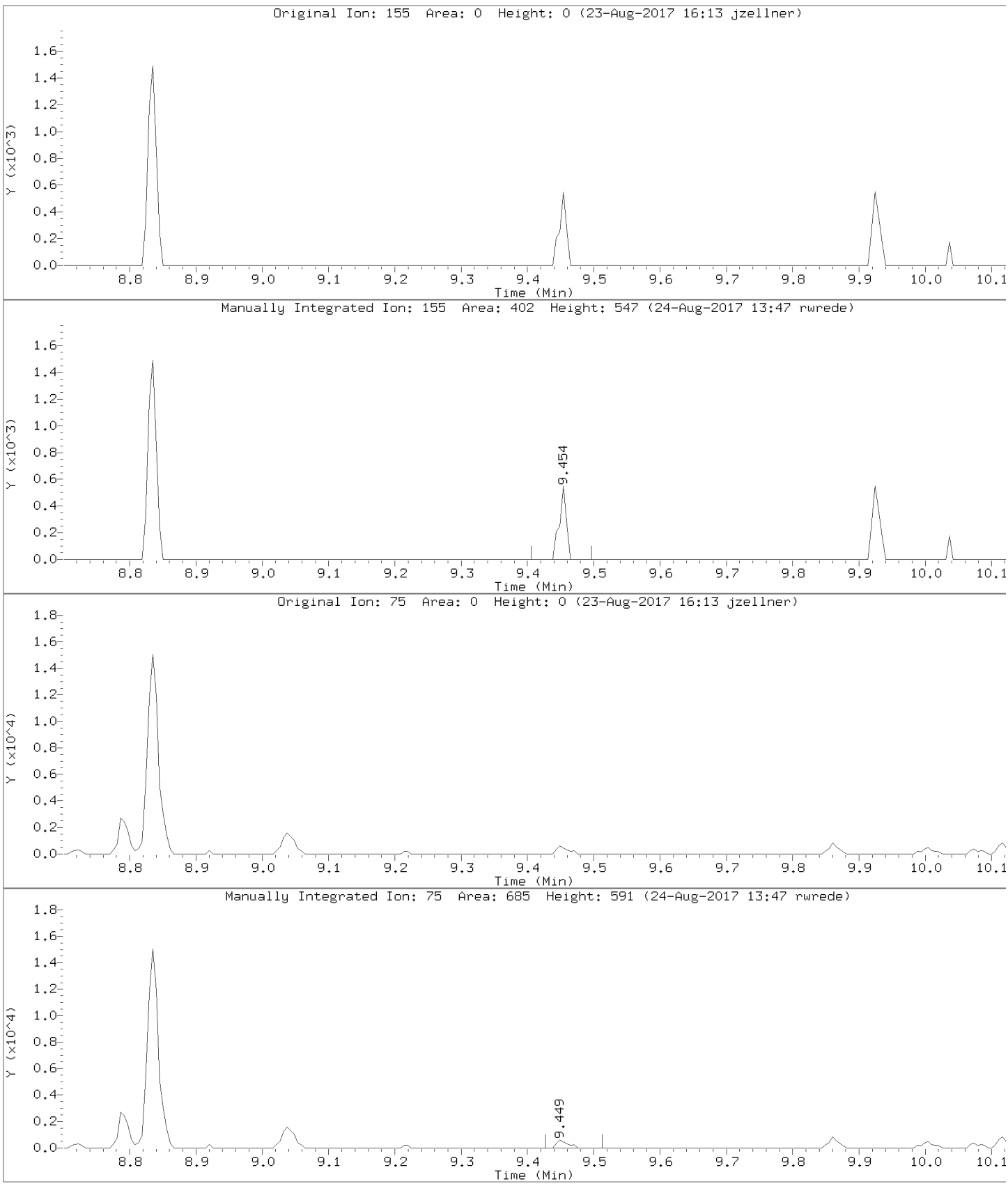
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,2-Dibromo-3-chloropropane Review Code: NI
CAS Number: 96-12-8



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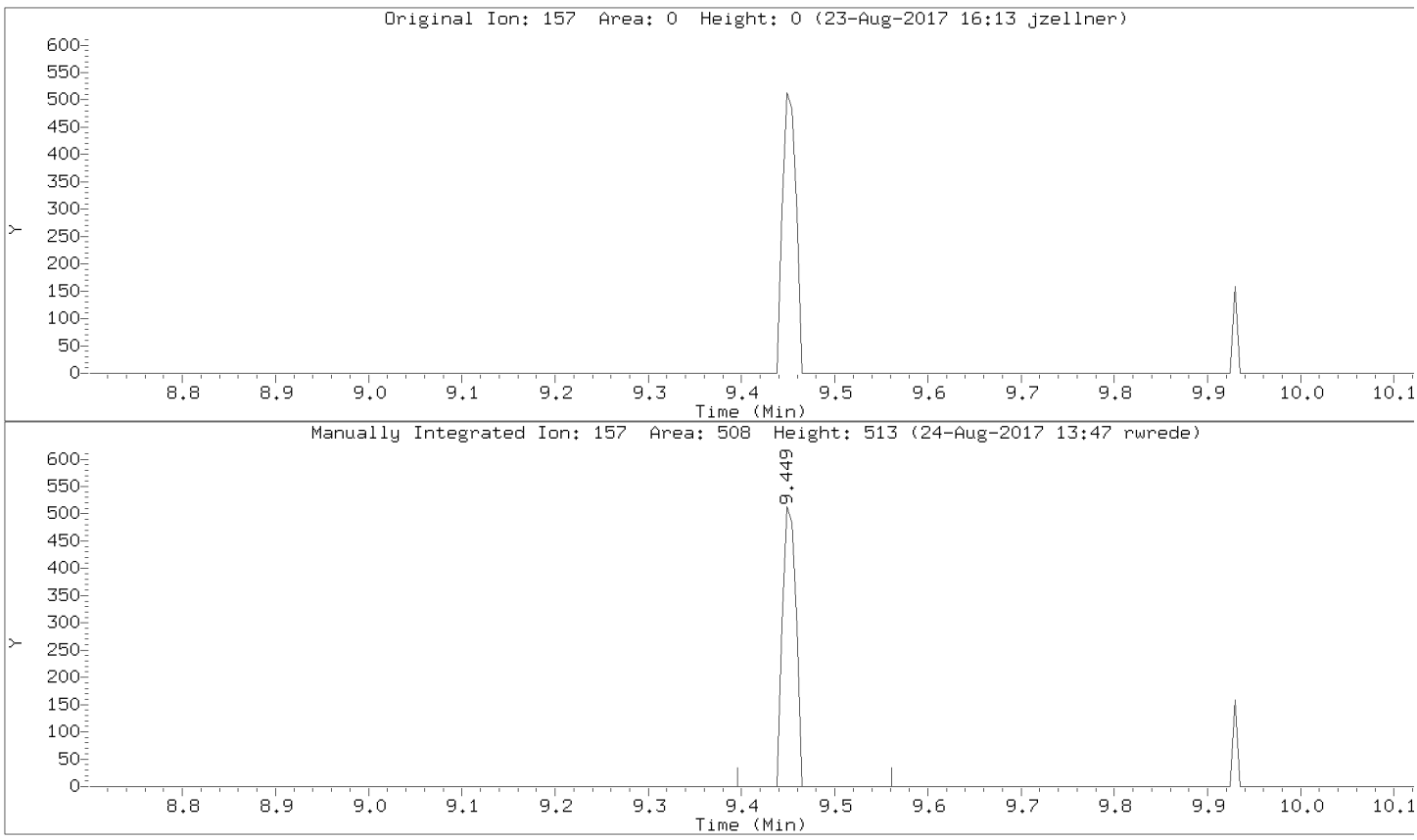

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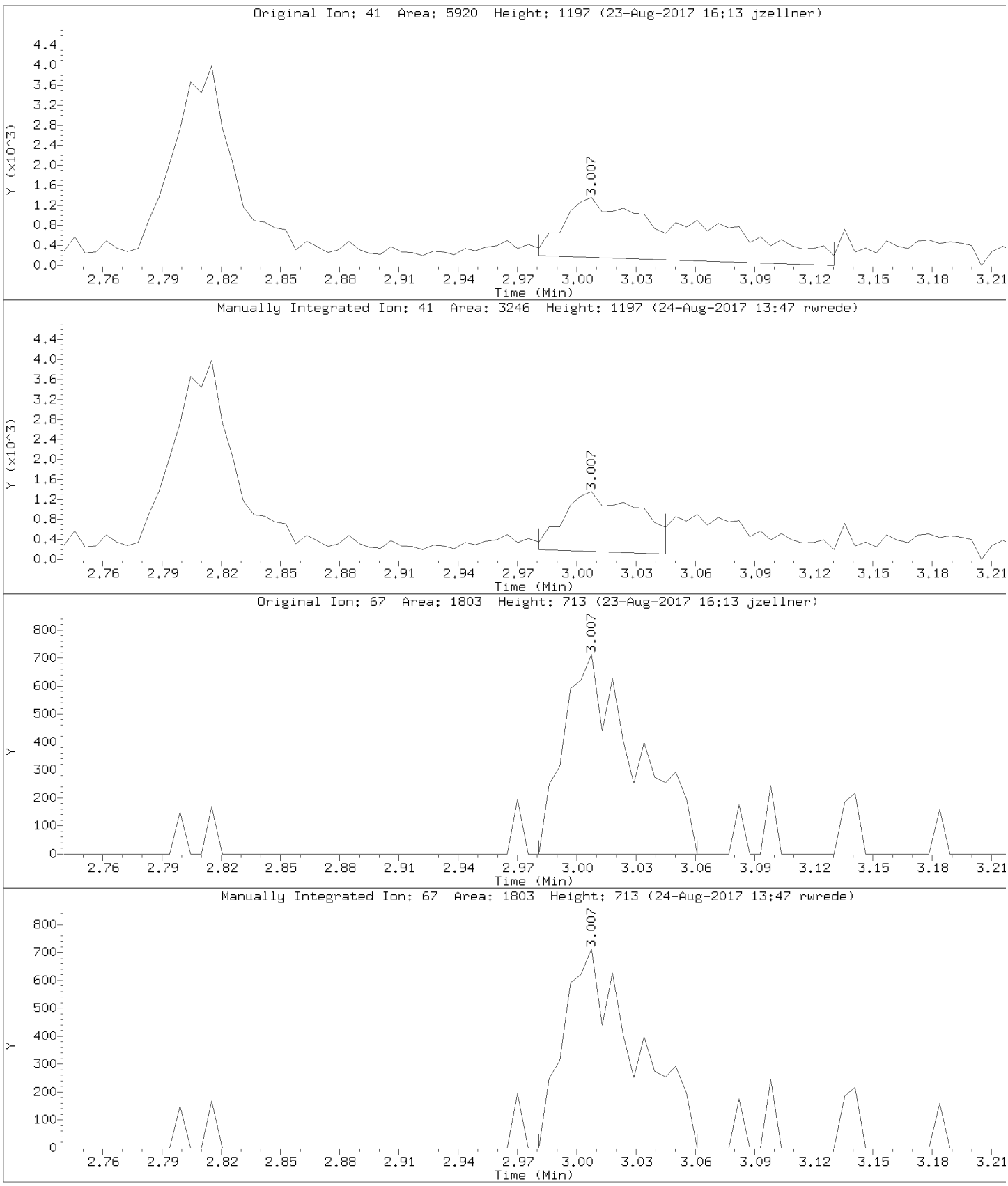
Injection Date: 23-AUG-2017 13:05
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Methacrylonitrile Review Code: GT
CAS Number: 126-98-7



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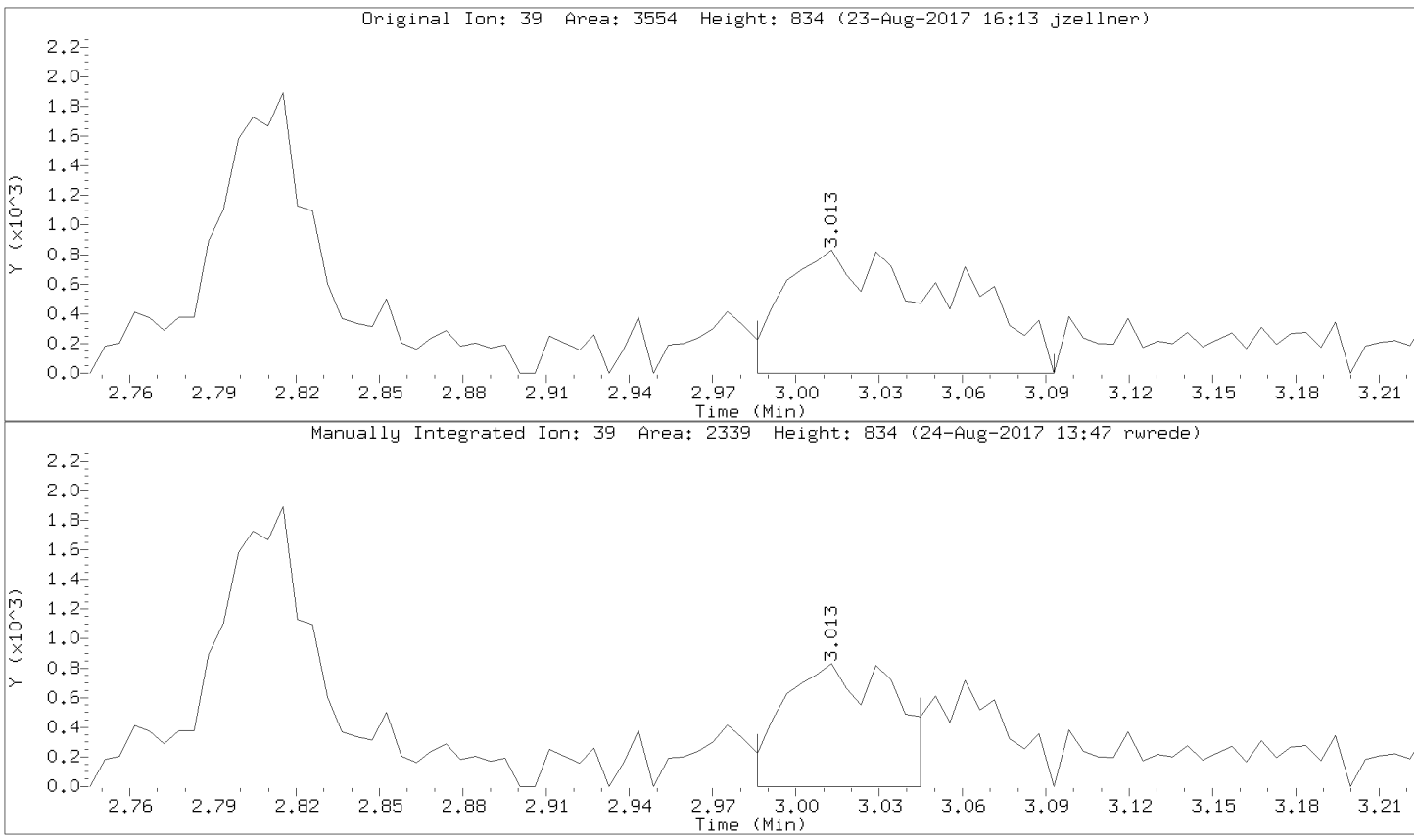


Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a03cal.d
Lab Smp Id: 8260-CAL3,156495:0 Client Smp ID: 8260-CAL3
Inj Date : 23-AUG-2017 13:37
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal3,156495:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 13:37 Cal File: a03cal.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.903	0.903	(0.218)	15955	5.00000	5.25	
2	Chloromethane	50	0.988	0.988	(0.238)	13208	5.00000	5.02	
3	Vinyl Chloride	62	1.031	1.031	(0.249)	20778	5.00000	5.27	
4	Bromomethane	94	1.181	1.180	(0.285)	6370	5.00000	4.31	
5	Chloroethane	64	1.223	1.223	(0.295)	12253	5.00000	5.27	
6	Trichlorofluoromethane	101	1.335	1.335	(0.322)	27676	5.00000	5.78	
7	Diethyl ether	74	1.458	1.458	(0.351)	8028	5.00000	4.77	
8	1,2-dichlorotrifluoroethane	67	1.480	1.474	(0.357)	22865	5.00000	5.19	
9	Acrolein	56	1.533	1.533	(0.369)	27555	100.000	104	
10	1,1,2trichlorotrifluoroethane	101	1.586	1.586	(0.382)	17576	5.00000	4.80	
11	1,1-Dichloroethene	96	1.586	1.586	(0.382)	15490	5.00000	5.08	
12	Acetone	43	1.602	1.597	(0.386)	15538	25.0000	18.7	
13	Iodomethane	142	1.677	1.677	(0.404)	20507	10.0000	7.56	
14	Carbon Disulfide	76	1.725	1.725	(0.416)	46416	5.00000	4.81	
15	Methyl Acetate	43	1.768	1.768	(0.426)	3621	5.00000	3.17(M)	
16	allyl chloride	41	1.784	1.784	(0.430)	44606	10.0000	9.90	
17	Acetonitrile	39	1.784	1.784	(0.430)	33205	5.00000	5.11	
18	Methylene Chloride	84	1.859	1.859	(0.448)	18981	5.00000	6.29(QM)	CO
19	Acrylonitrile	53	1.998	1.992	(0.481)	10350	20.0000	20.8	
20	Methyl-tert-butyl ether	73	2.014	2.019	(0.485)	33755	5.00000	4.50	
21	tert-Butyl Alcohol	59	1.896	1.891	(0.457)	3500	10.0000	12.9(Q)	
22	1,2-Dichloroethene (trans)	96	2.035	2.030	(0.490)	15185	5.00000	4.65	
23	n-Hexane	57	2.211	2.211	(0.533)	33103	5.00000	4.92	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.324	2.318	(0.560)	92454	20.0000	20.5	
	25 1,1-Dichloroethane	63	2.334	2.334	(0.562)	27739	5.00000	4.69	
	26 Chloroprene	53	2.388	2.387	(0.575)	26512	5.00000	4.56	
	27 2-Butanone	72	2.794	2.788	(0.673)	4403	25.0000	24.9(Q)	
	28 1,2-Dichloroethene (cis)	96	2.810	2.804	(0.677)	16093	5.00000	4.66	
	29 2,2-Dichloropropane	77	2.810	2.809	(0.677)	25948	5.00000	4.83	
	30 Propionitrile	54	2.895	2.841	(0.698)	598	5.00000	5.09(QM)	NI
	31 Methacrylonitrile	41	2.997	2.991	(0.722)	5494	5.00000	4.79(M)	GT
	32 Bromochloromethane	49	3.039	3.039	(0.732)	10538	5.00000	5.00	
	33 Tetrahydrofuran	42	3.066	3.060	(0.739)	2690	5.00000	5.28(M)	NI
	34 Chloroform	83	3.151	3.146	(0.759)	26008	5.00000	4.80	
$	35 Dibromofluoromethane (S)	113	3.317	3.322	(0.799)	143930	50.0000	52.4	
	36 1,1,1-Trichloroethane	97	3.322	3.322	(0.801)	26329	5.00000	4.92	
	37 Cyclohexane	56	3.402	3.408	(0.820)	30736	5.00000	4.95	
	38 n-Butyl chloride	56	3.467	3.472	(0.835)	37986	5.00000	4.93	
	39 Carbon Tetrachloride	117	3.504	3.504	(0.844)	22534	5.00000	4.92	
	40 1,1-Dichloropropene	75	3.509	3.514	(0.846)	23249	5.00000	4.96	
	41 Benzene	78	3.755	3.749	(0.905)	58799	5.00000	4.72	
	42 1,2-Dichloroethane	62	3.840	3.835	(0.925)	16708	5.00000	4.92	
	43 2,2,4-Trimethylpentane	57	3.931	3.931	(0.947)	59051	5.00000	4.46	
	44 Isobutyl alcohol	43	3.867	3.862	(0.932)	75978	5.00000	5.05	
*	45 Fluorobenzene (IS)	96	4.150	4.155	(1.000)	556826	50.0000		
	46 Trichloroethene	95	4.609	4.604	(1.111)	16039	5.00000	4.96	
	47 Methylcyclohexane	55	4.871	4.876	(1.174)	20846	5.00000	4.25	
	48 1,2-Dichloropropane	63	4.914	4.908	(1.184)	14269	5.00000	4.79	
	49 Dibromomethane	93	5.010	5.010	(1.207)	5876	5.00000	4.58	
	50 1,4-Dioxane	88	5.031	5.015	(1.212)	1045	100.000	90.3(M)	NI
	51 Methyl methacrylate	69	5.042	5.026	(1.215)	6872	5.00000	4.90	
	52 Bromodichloromethane	83	5.234	5.234	(1.261)	18453	5.00000	4.93	
	53 2-Chloroethyl vinyl ether	63	5.598	5.587	(0.763)	6344	10.0000	8.99	
	54 cis-1,3-Dichloropropene	75	5.736	5.731	(0.782)	20897	5.00000	4.53	
	55 4-Methyl-2-Pentanone	43	5.907	5.907	(0.806)	37454	25.0000	22.3	
$	56 Toluene-d8 (S)	98	6.009	6.009	(0.819)	517787	50.0000	49.2	
	57 Toluene	91	6.084	6.083	(0.830)	60324	5.00000	4.55	
	58 trans-1,3-Dichloropropene	75	6.372	6.367	(0.869)	16919	5.00000	4.63	
	59 Ethyl Methacrylate	69	6.458	6.452	(0.881)	12253	5.00000	4.40(M)	NI
	60 1,1,2-Trichloroethane	83	6.554	6.553	(0.894)	8170	5.00000	4.85(Q)	
	61 Tetrachloroethene	166	6.607	6.607	(0.901)	15478	5.00000	4.58	
	62 1,3-Dichloropropane	76	6.693	6.692	(0.913)	14587	5.00000	4.41	
	63 2-Hexanone	43	6.773	6.762	(0.924)	24385	25.0000	24.3	
	64 Dibromochloromethane	129	6.879	6.879	(0.938)	10931	5.00000	4.65	
	65 1,2-Dibromoethane	107	6.965	6.965	(0.950)	8551	5.00000	4.81	
*	66 Chlorobenzene-D5 (IS)	117	7.333	7.333	(1.000)	350990	50.0000		
	67 Chlorobenzene	112	7.360	7.360	(1.004)	31764	5.00000	4.55	
	68 1,1,1,2-Tetrachloroethane	131	7.435	7.435	(1.014)	11503	5.00000	4.43	
	69 Ethylbenzene	106	7.440	7.440	(1.015)	21284	5.00000	4.67	
	70 m&p-Xylene	106	7.542	7.542	(1.028)	50870	10.0000	9.72	
	71 o-Xylene	106	7.803	7.798	(1.064)	22470	5.00000	4.78	
	72 Styrene	104	7.819	7.814	(1.066)	39917	5.00000	4.81	
	73 Bromoform	173	7.937	7.937	(0.898)	5060	5.00000	4.50	
	74 Isopropylbenzene	105	8.044	8.044	(1.097)	58866	5.00000	4.85	
$	75 4-Bromofluorobenzene (S)	95	8.156	8.156	(1.112)	147941	50.0000	51.2	
	76 Bromobenzene	77	8.236	8.236	(1.123)	18224	5.00000	4.88	
	77 1,1,2,2-Tetrachloroethane	83	8.247	8.247	(0.933)	8108	5.00000	4.74	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.268	8.268	(1.127)	1912	5.00000	4.71(QM)	NI
79	1,2,3-Trichloropropane	110	8.273	8.279	(0.937)	2284	5.00000	4.50(Q)	
80	n-Propylbenzene	91	8.306	8.305	(0.940)	60780	5.00000	4.72	
81	2-Chlorotoluene	91	8.354	8.353	(0.946)	34512	5.00000	4.70	
82	1,3,5-Trimethylbenzene	105	8.412	8.412	(0.952)	41980	5.00000	4.82	
83	4-Chlorotoluene	126	8.428	8.428	(0.954)	11011	5.00000	4.81	
84	tert-Butylbenzene	119	8.594	8.594	(0.973)	46249	5.00000	4.68	
85	1,2,4-Trimethylbenzene	105	8.631	8.631	(0.977)	39969	5.00000	4.82	
86	sec-Butylbenzene	105	8.722	8.722	(0.987)	51663	5.00000	4.71	
87	1,3-Dichlorobenzene	146	8.792	8.791	(0.995)	18184	5.00000	4.67	
88	p-Isopropyltoluene	119	8.808	8.807	(0.997)	41457	5.00000	4.75	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.834	(1.000)	118693	50.0000		
90	1,4-Dichlorobenzene	146	8.850	8.845	(1.002)	17414	5.00000	4.52	
91	n-Butylbenzene	91	9.027	9.026	(1.022)	35574	5.00000	4.73	
92	1,2-Dichlorobenzene	146	9.037	9.037	(1.023)	14316	5.00000	4.43	
93	1,2,4-Trichlorobenzene	180	9.865	9.854	(1.117)	10167	5.00000	4.55	
94	1,2-Dibromo-3-chloropropane	155	9.454	9.448	(1.070)	1013	5.00000	5.03	
95	Hexachlorobutadiene	225	9.929	9.918	(1.124)	6729	5.00000	4.54	
96	Naphthalene	128	10.004	9.993	(1.132)	20900	5.00000	4.59	
97	1,2,3-Trichlorobenzene	180	10.121	10.111	(1.146)	9300	5.00000	4.51	
98	2,methyl-naphthalene	142	10.634	10.623	(1.204)	11906	5.00000	4.16	
99	1-Methylnaphthalene	142	10.752	10.741	(1.217)	9787	5.00000	4.20	

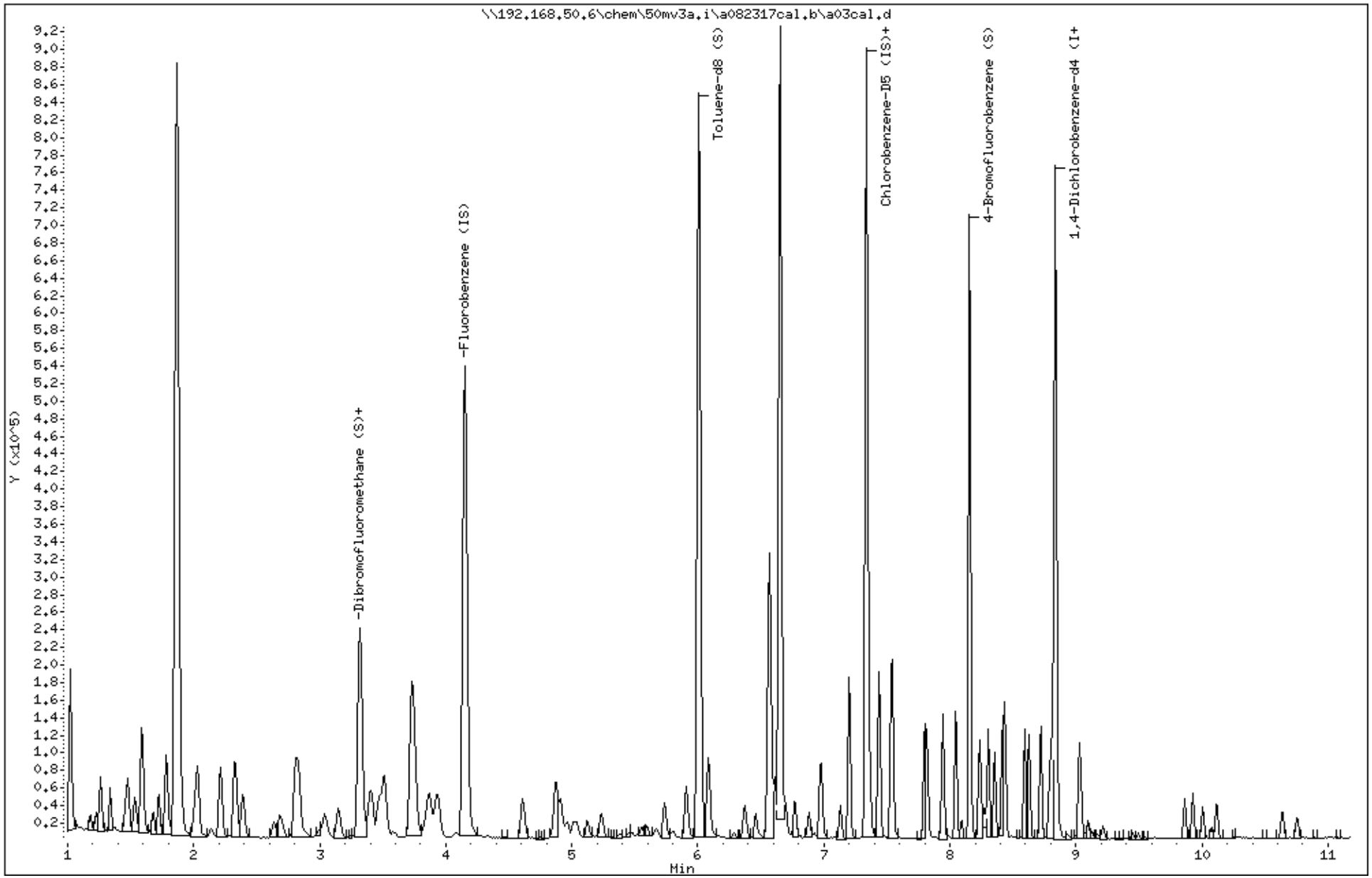
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
NI: Indicates that the peak was not integrated at all by the computer software.
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a03cal.d
Date : 23-AUG-2017 13:37
Client ID: 8260-CAL3
Instrument: 50mv3a.i
Sample Info: 8260-CAL3,156495:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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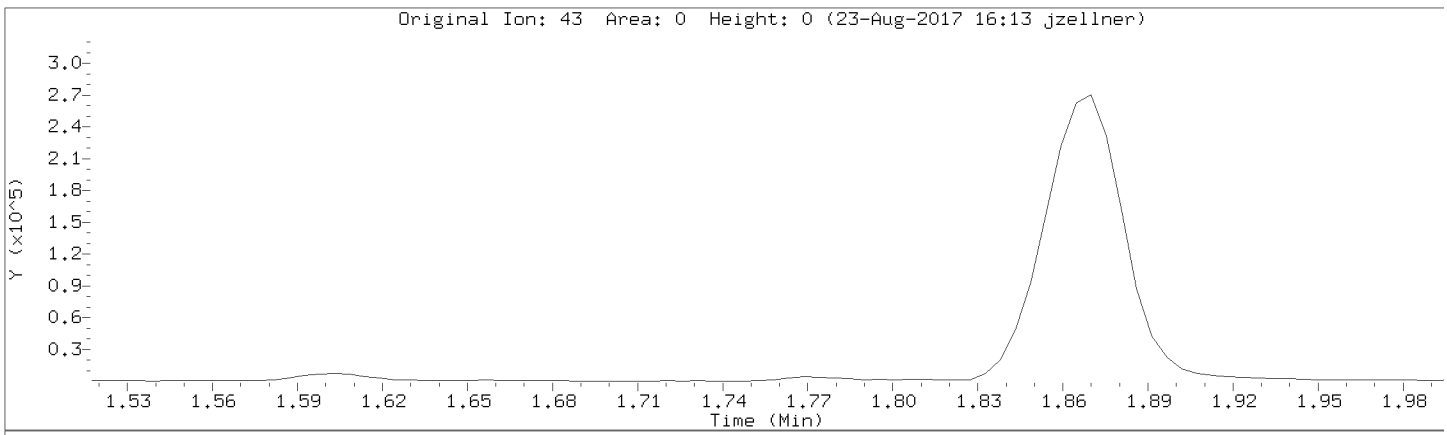
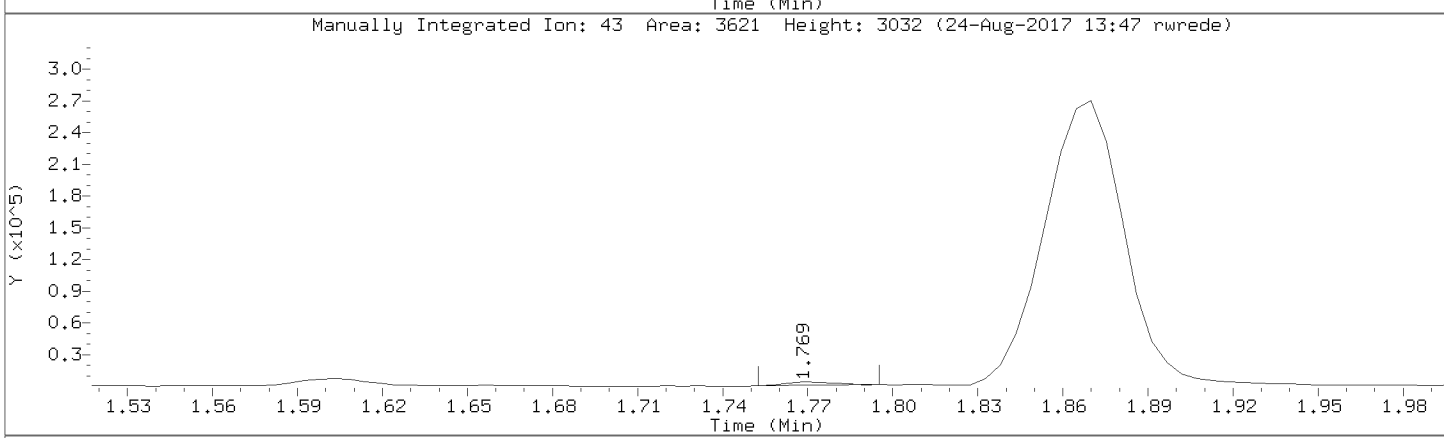
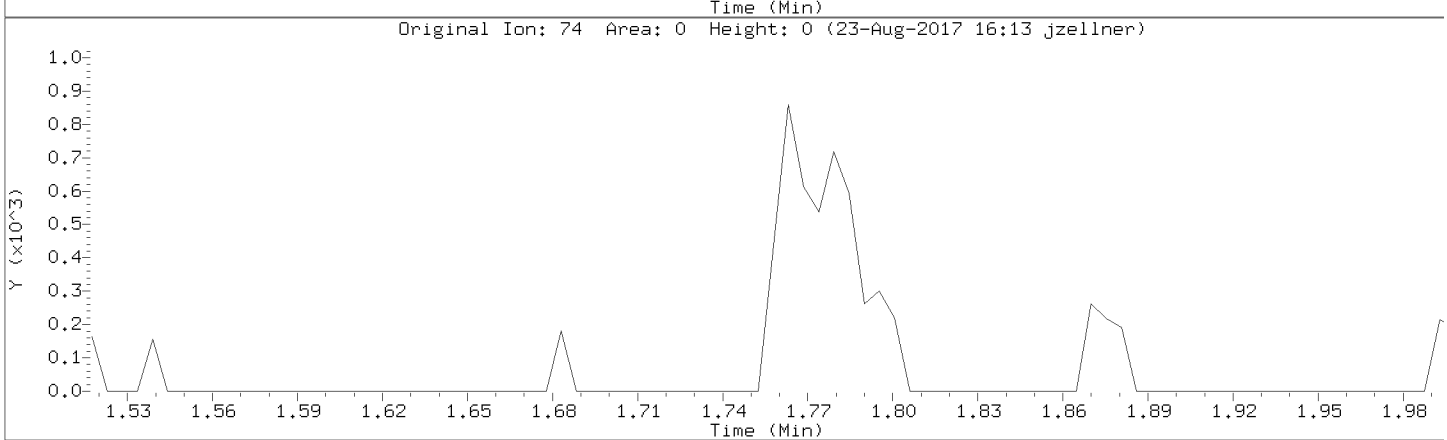
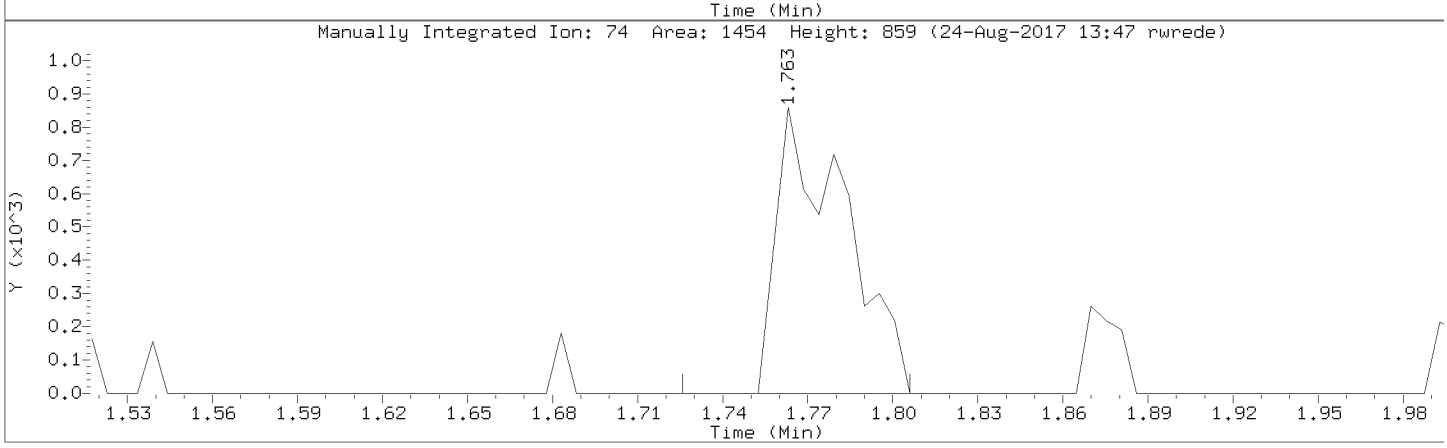
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methyl Acetate Review Code:
CAS Number: 79-20-9









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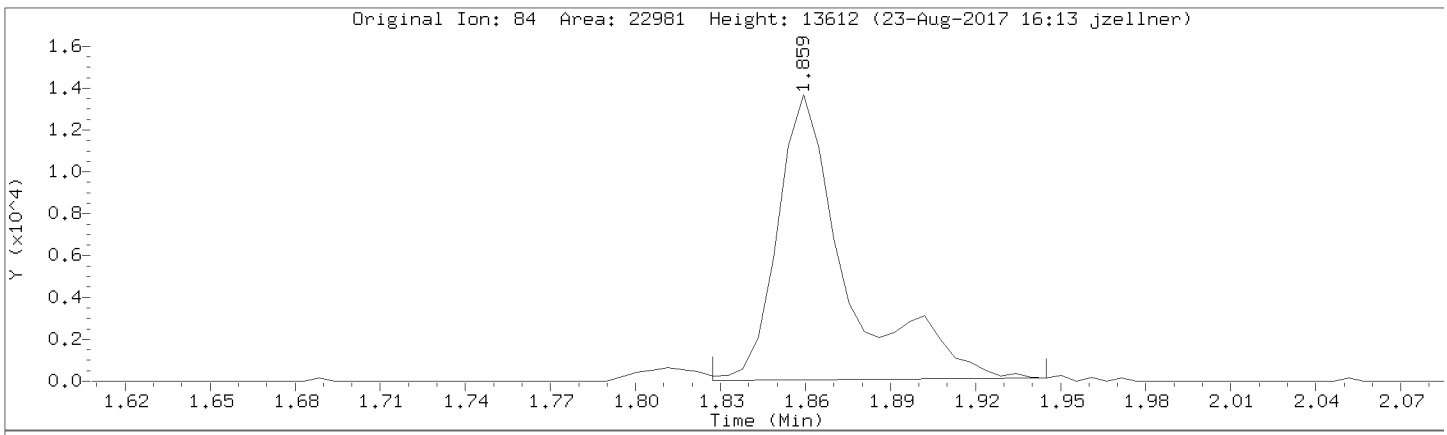
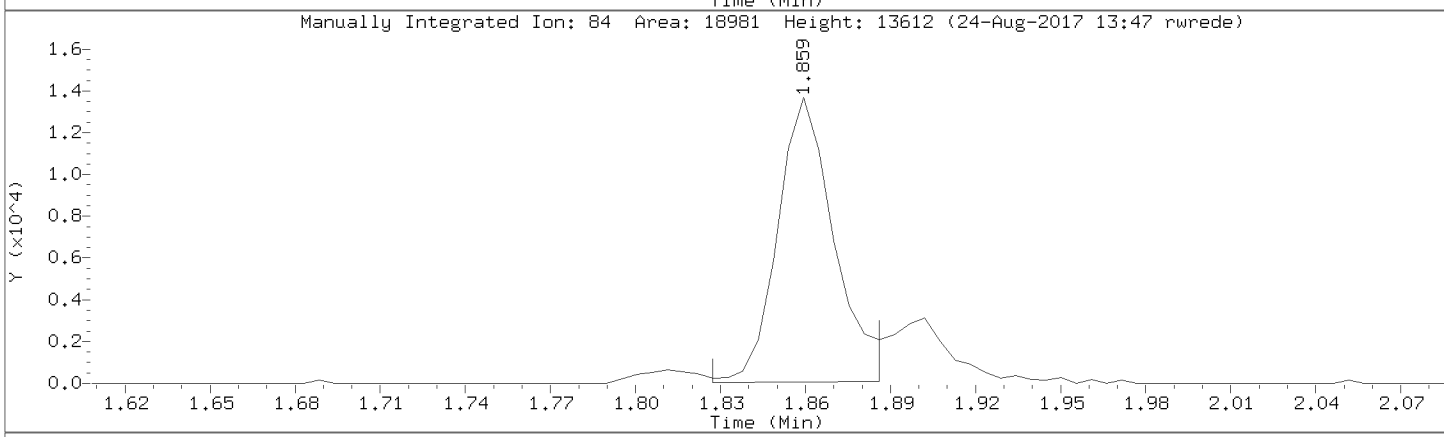
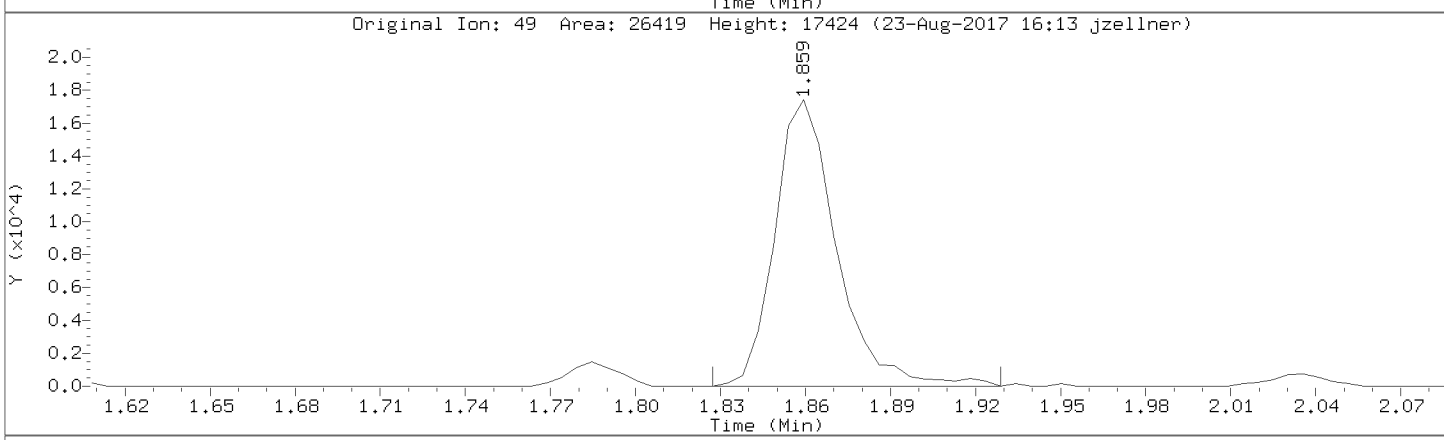
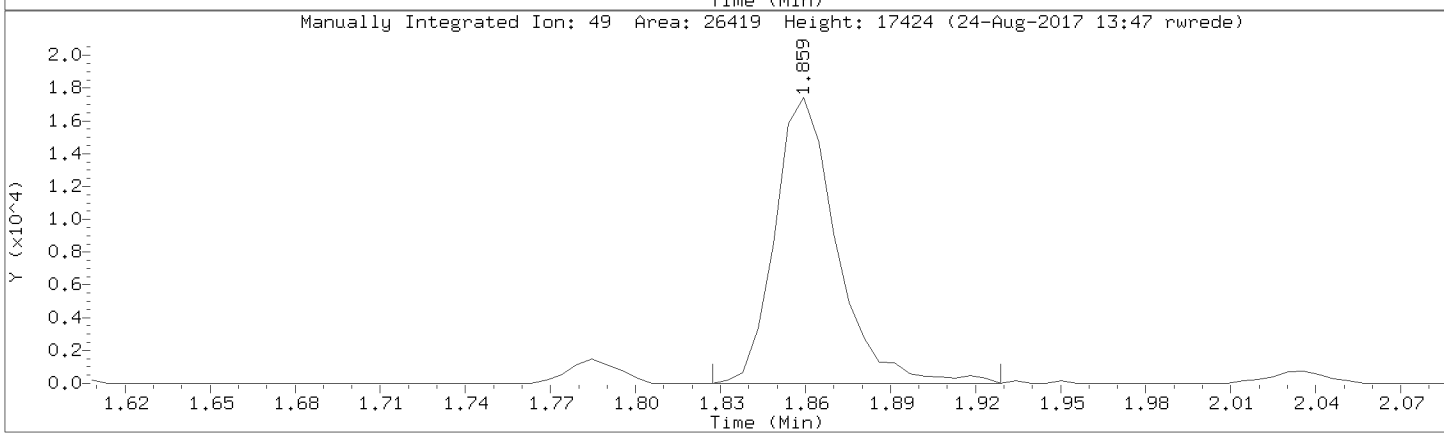
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methylene Chloride Review Code: CO
CAS Number: 75-09-2









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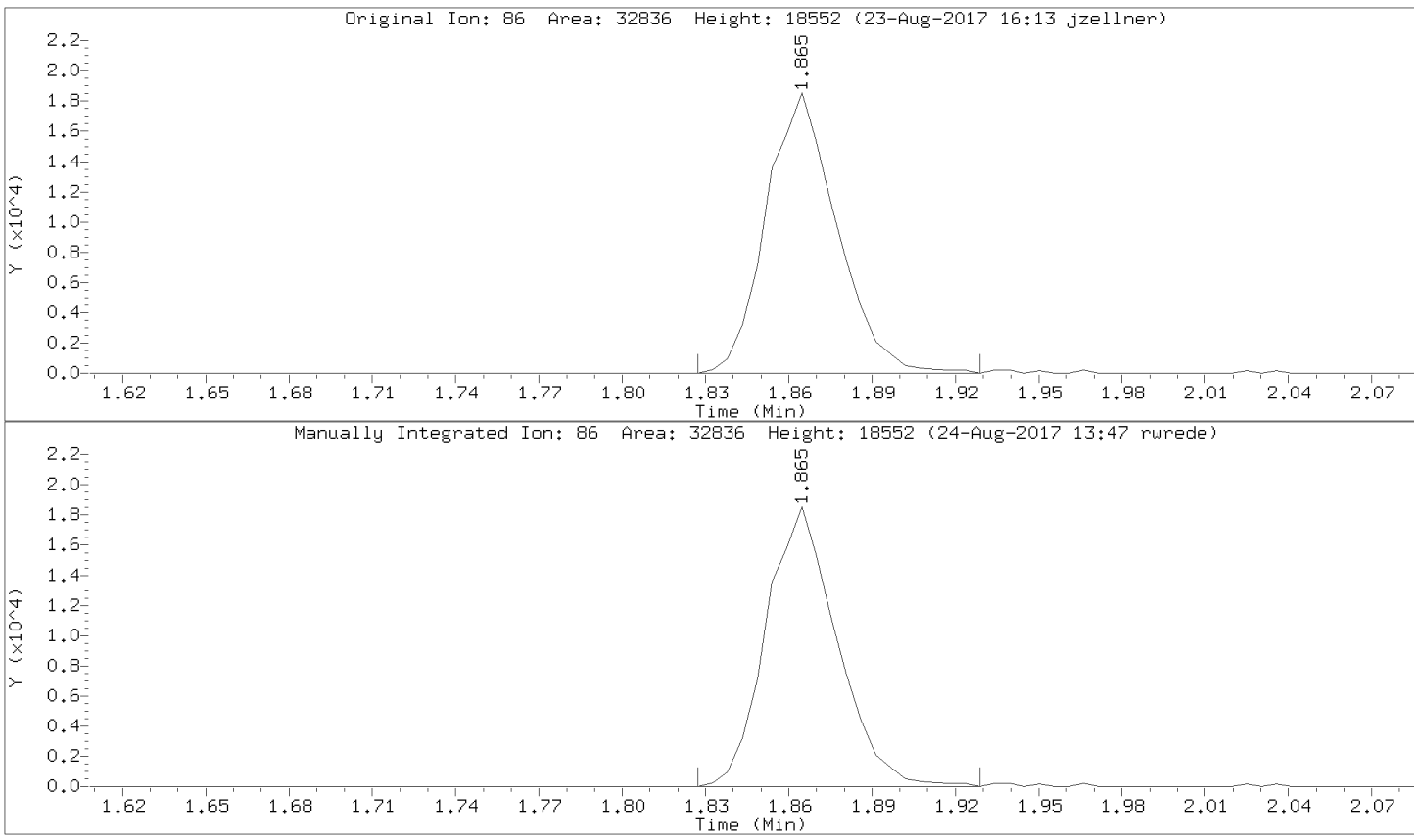
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



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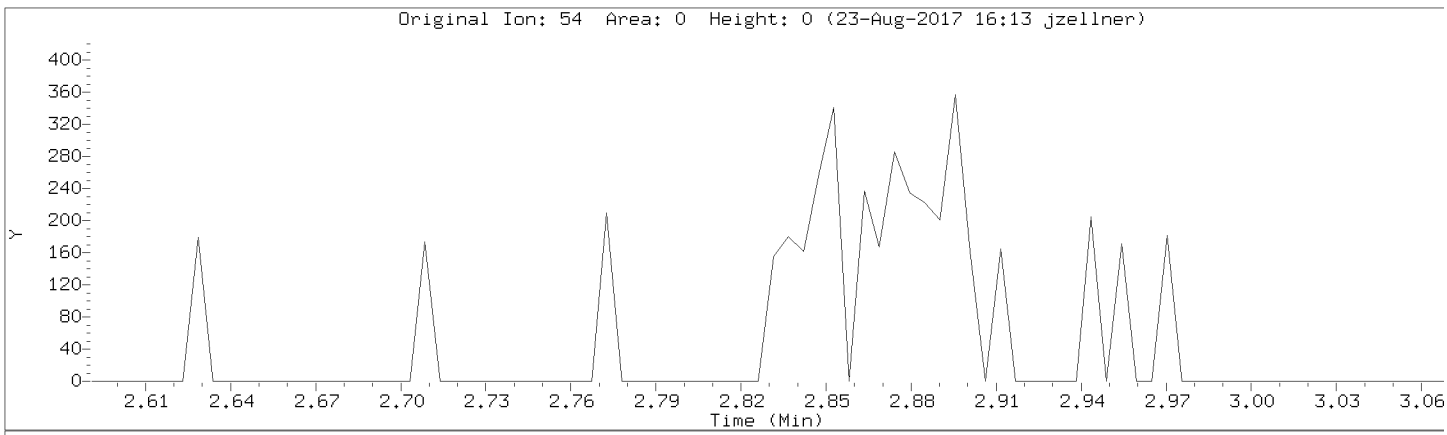
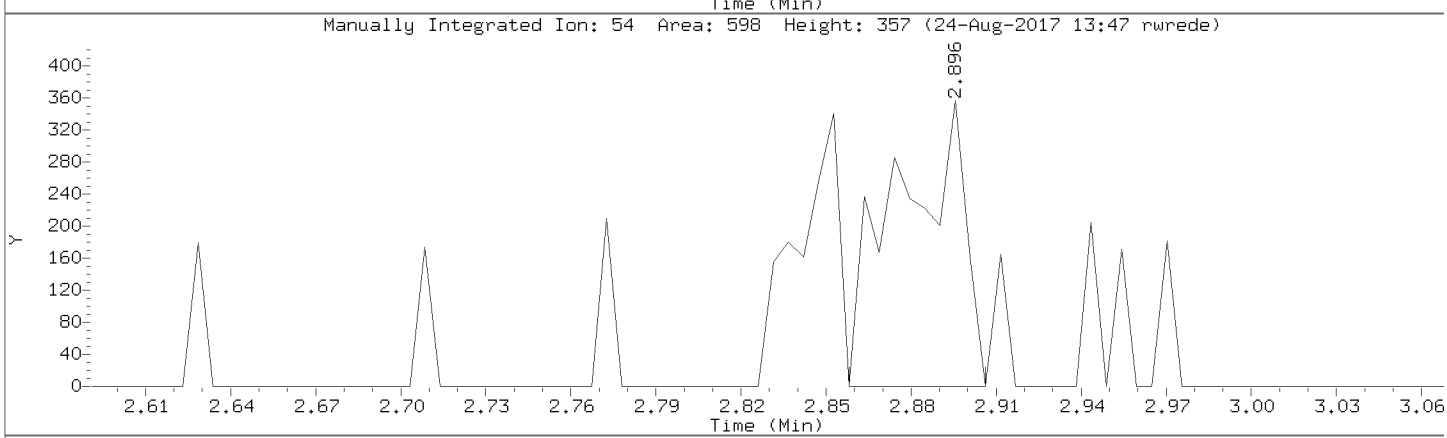
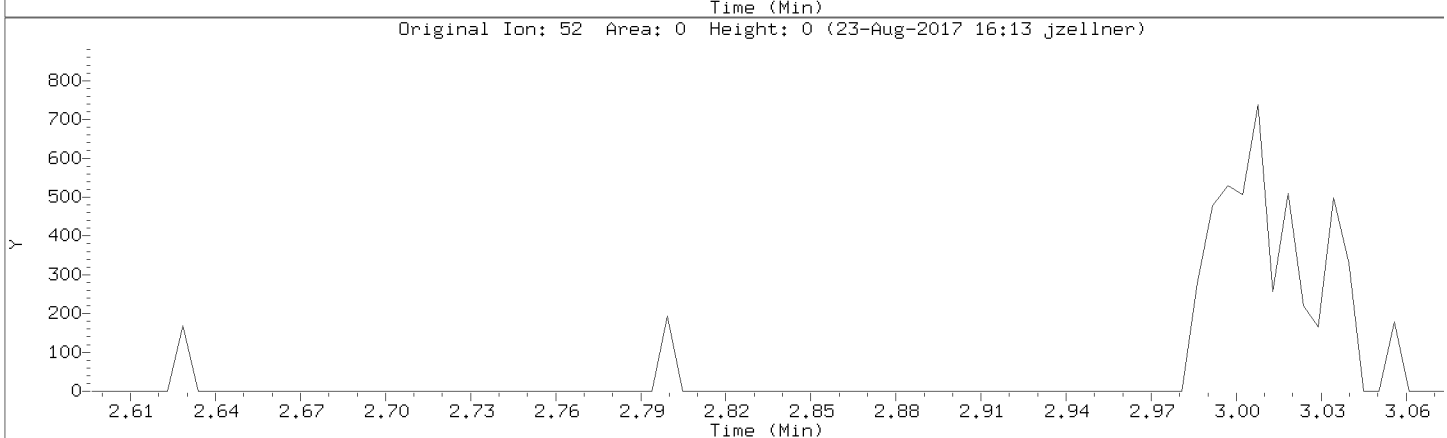
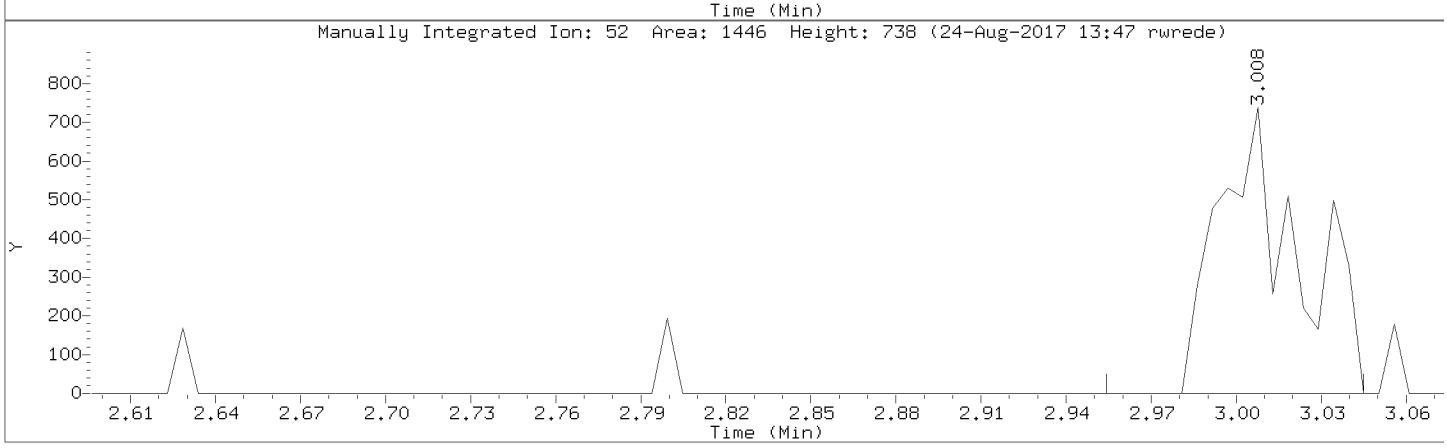
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Propionitrile Review Code: NI
CAS Number: 107-12-0









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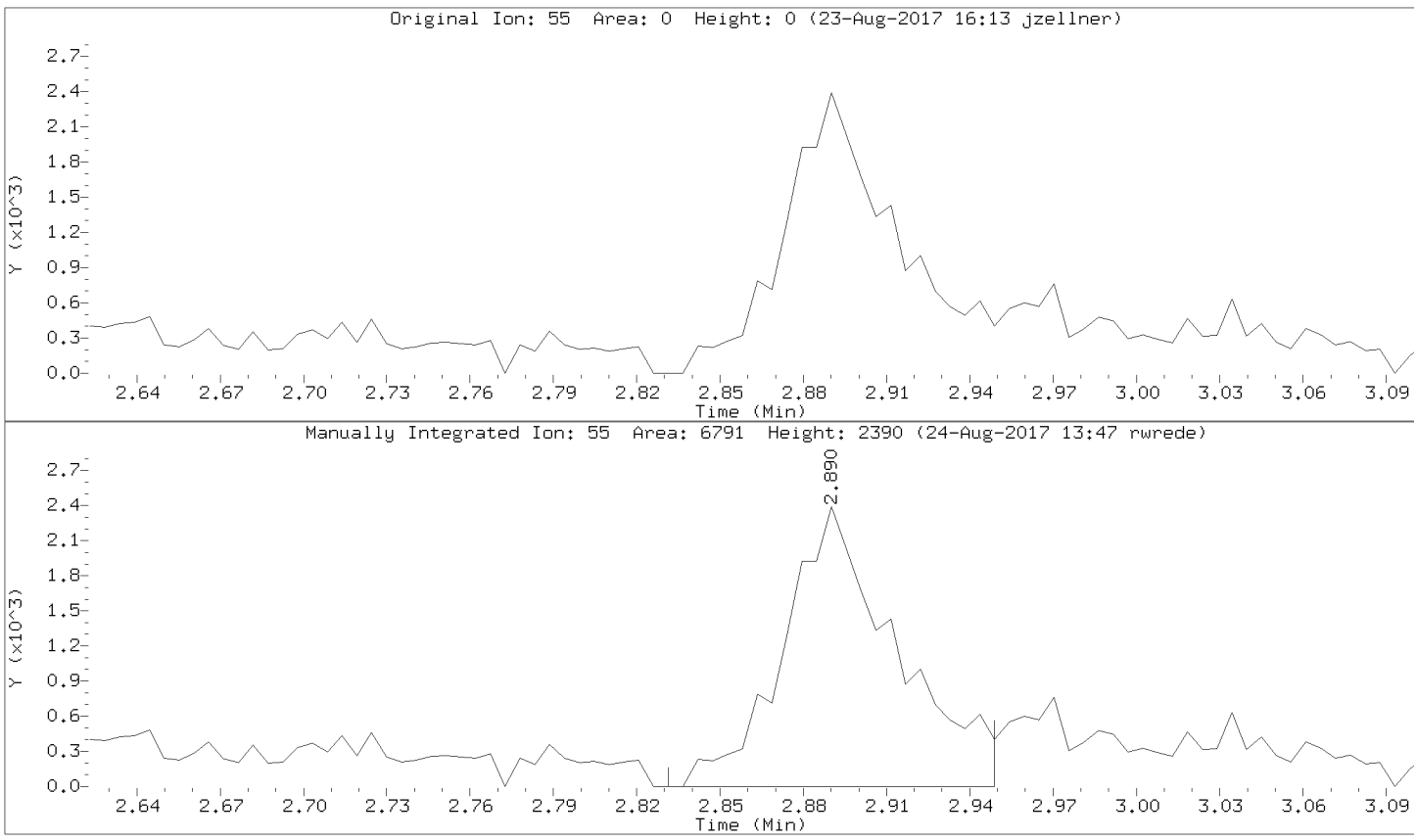
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



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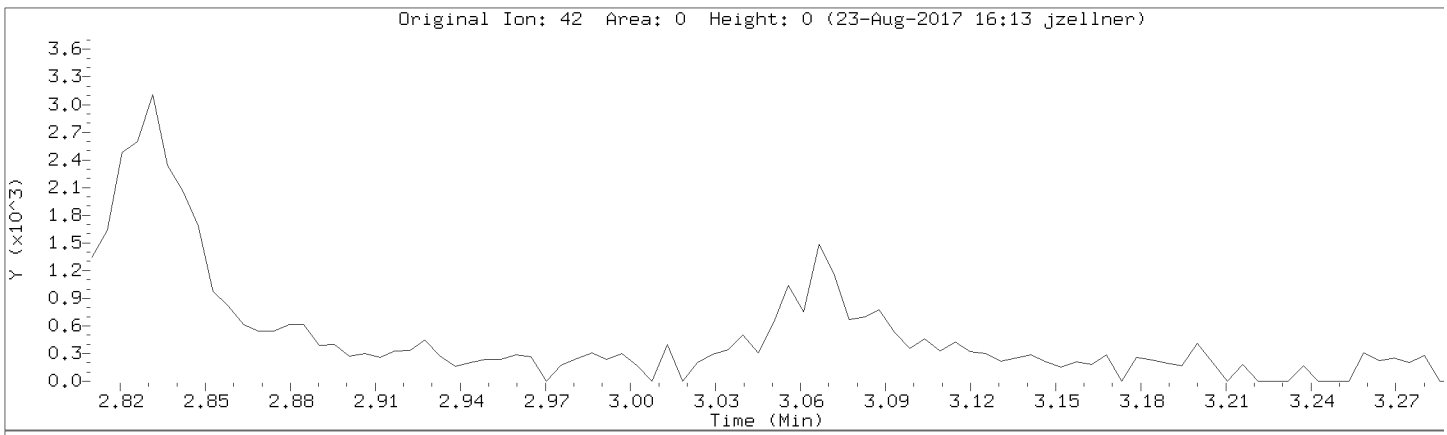
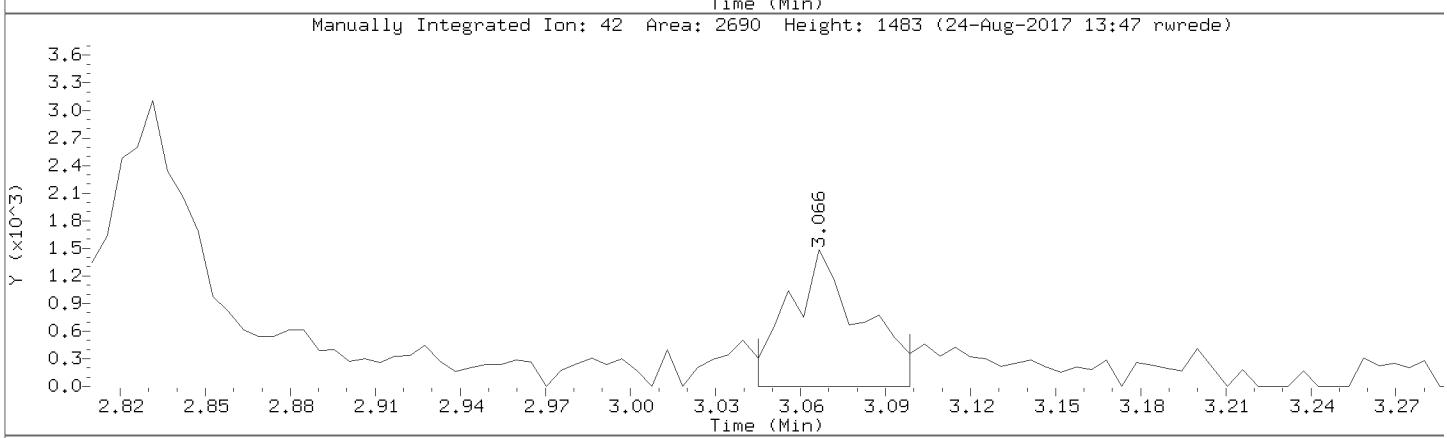
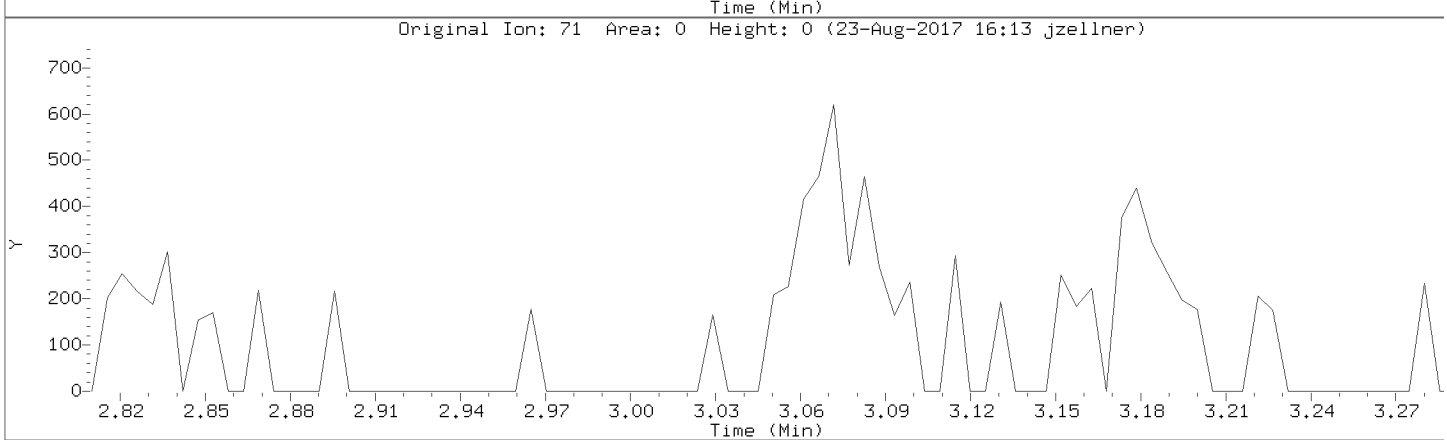
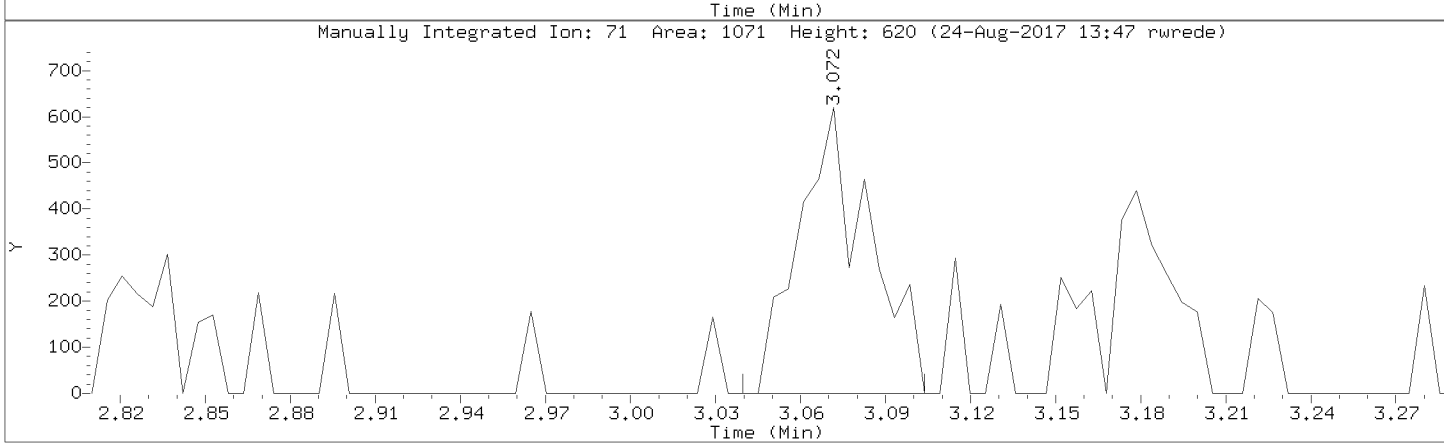
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Tetrahydrofuran Review Code: NI
CAS Number:









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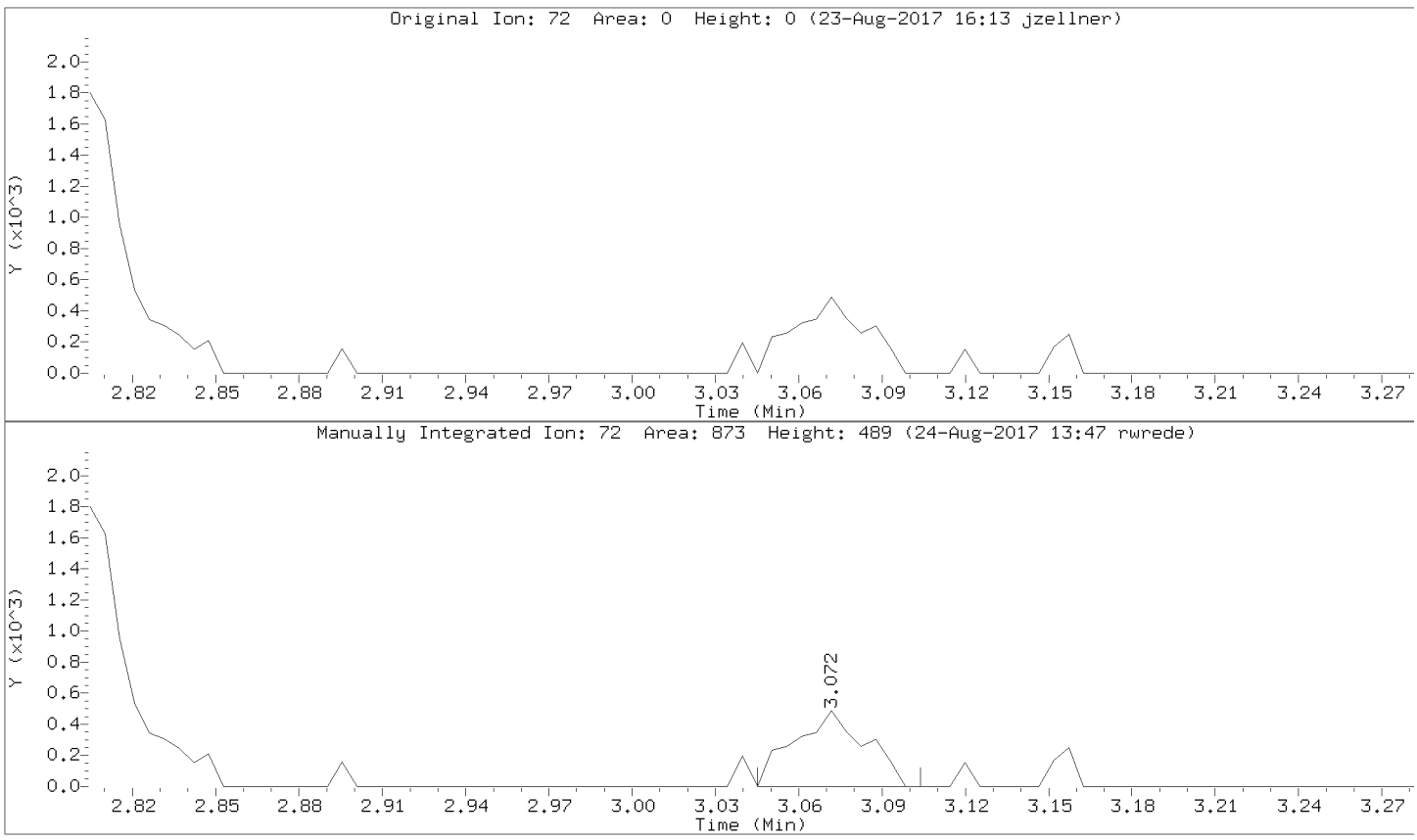
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



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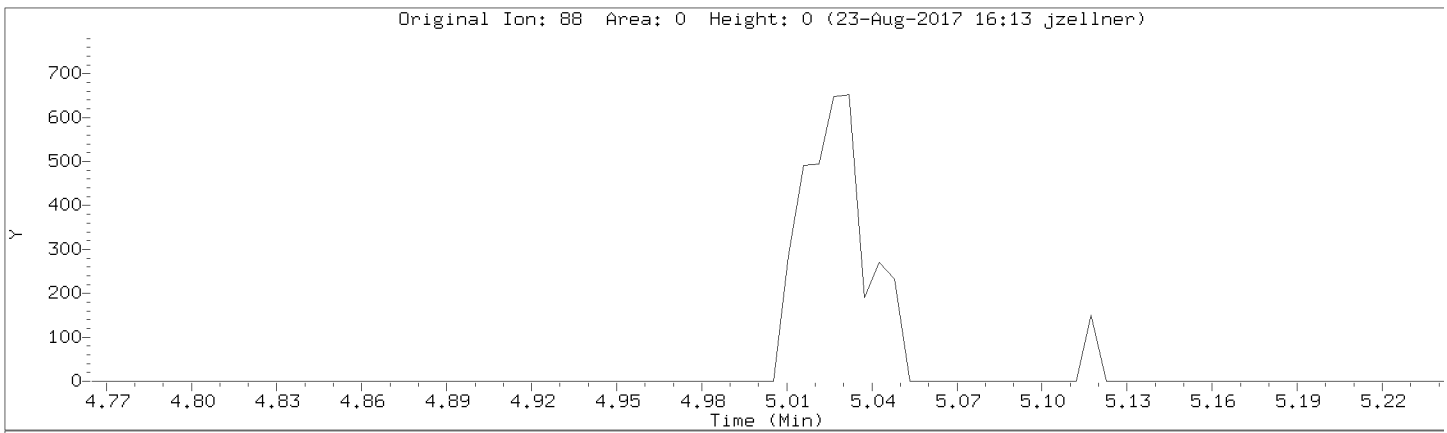
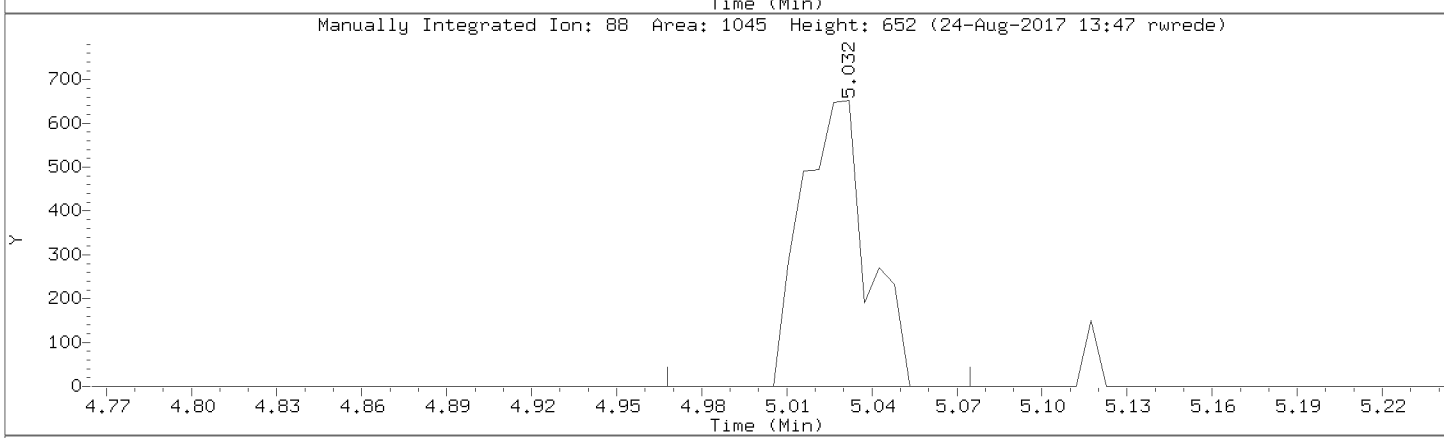
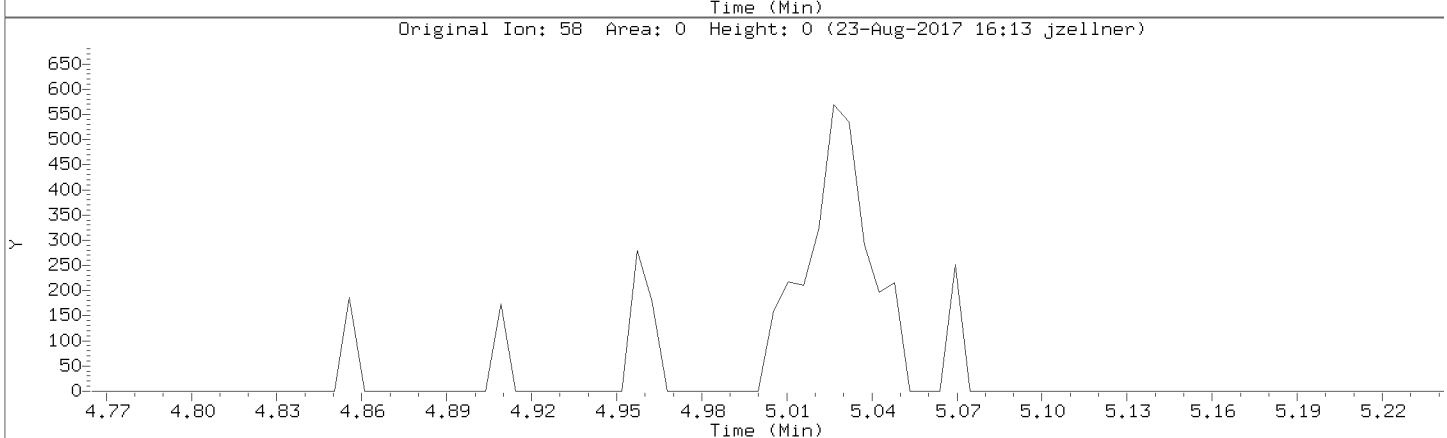
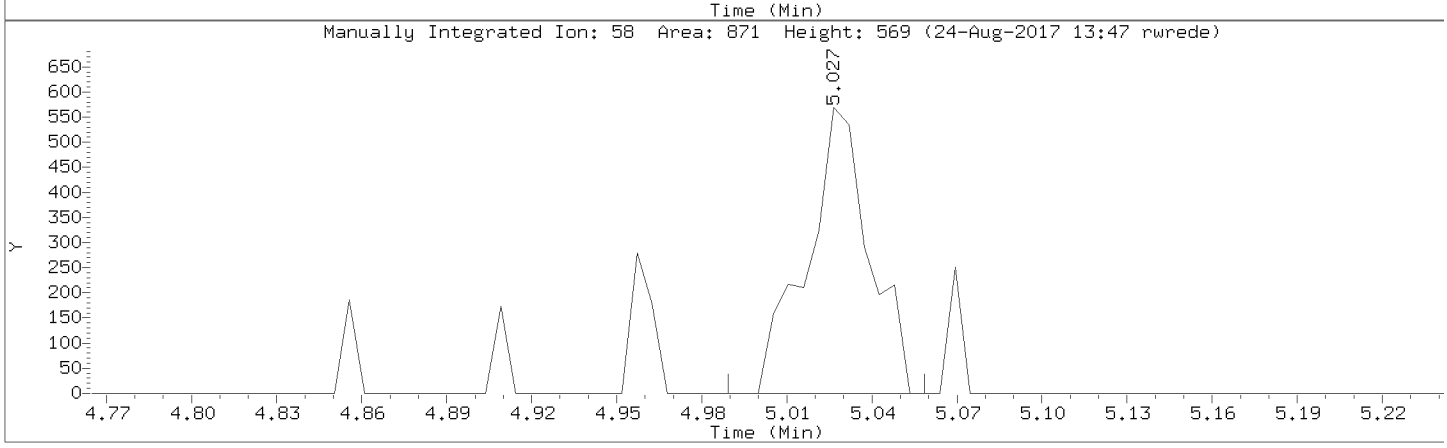
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: 1,4-Dioxane Review Code: NI
CAS Number:









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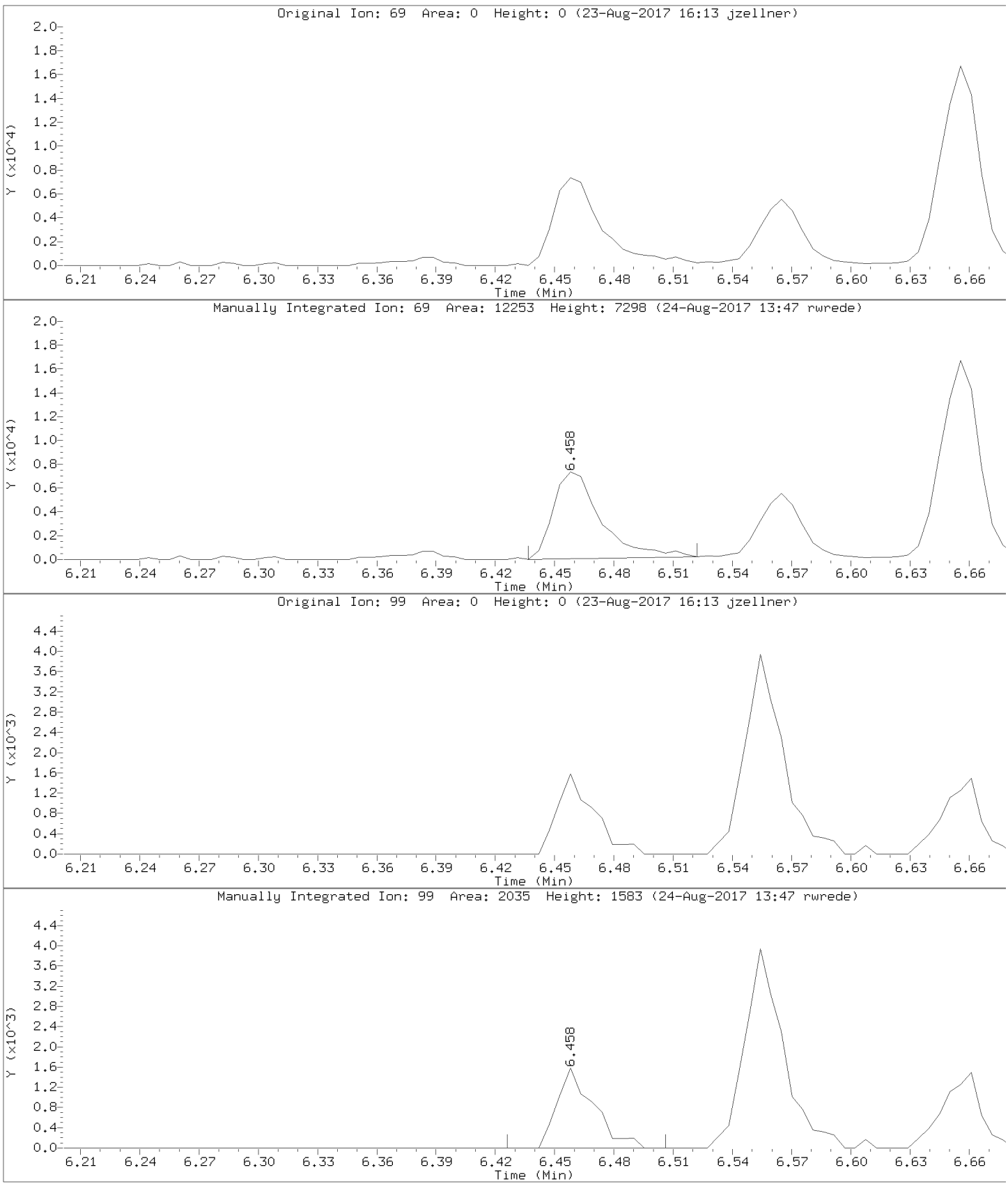
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:



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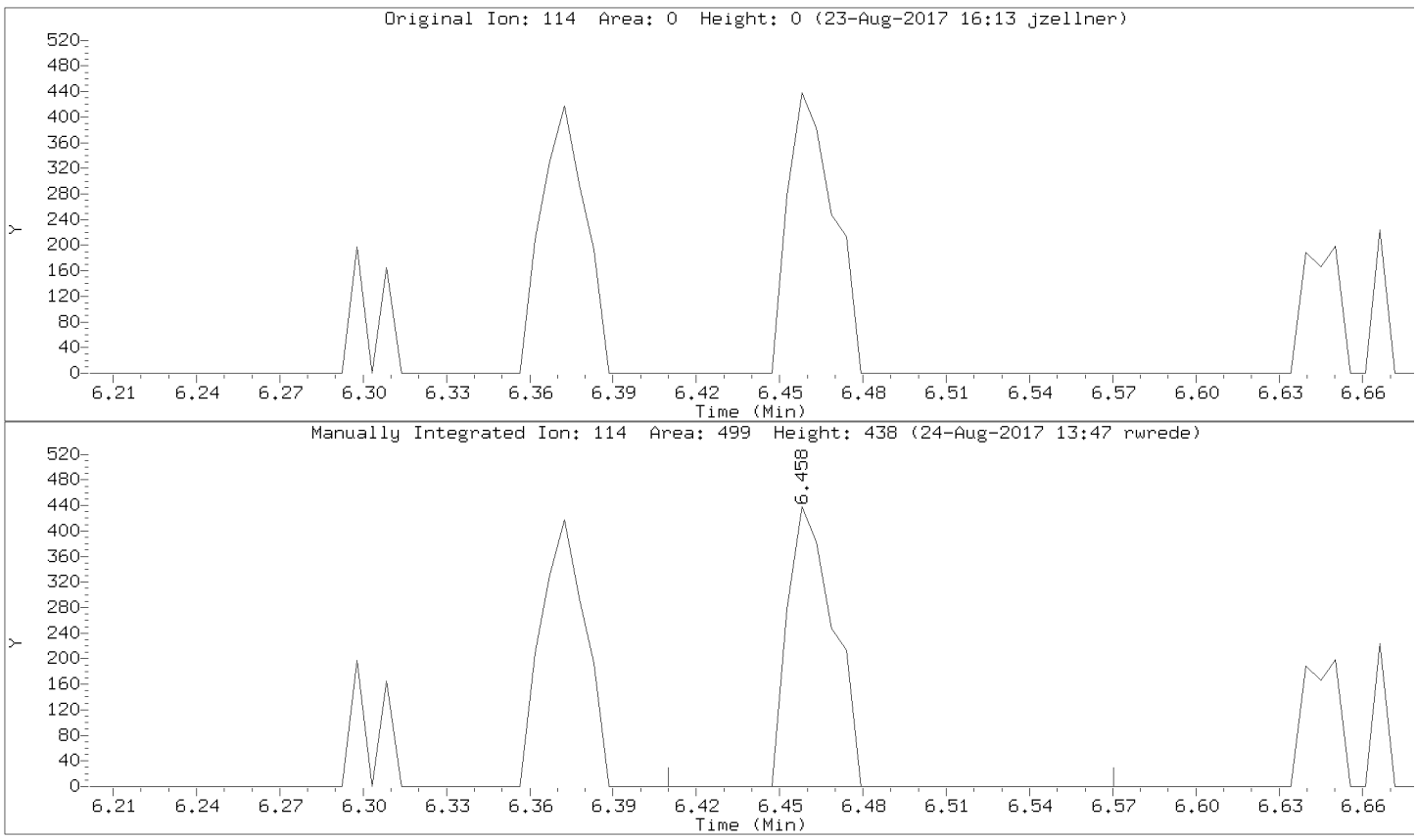
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



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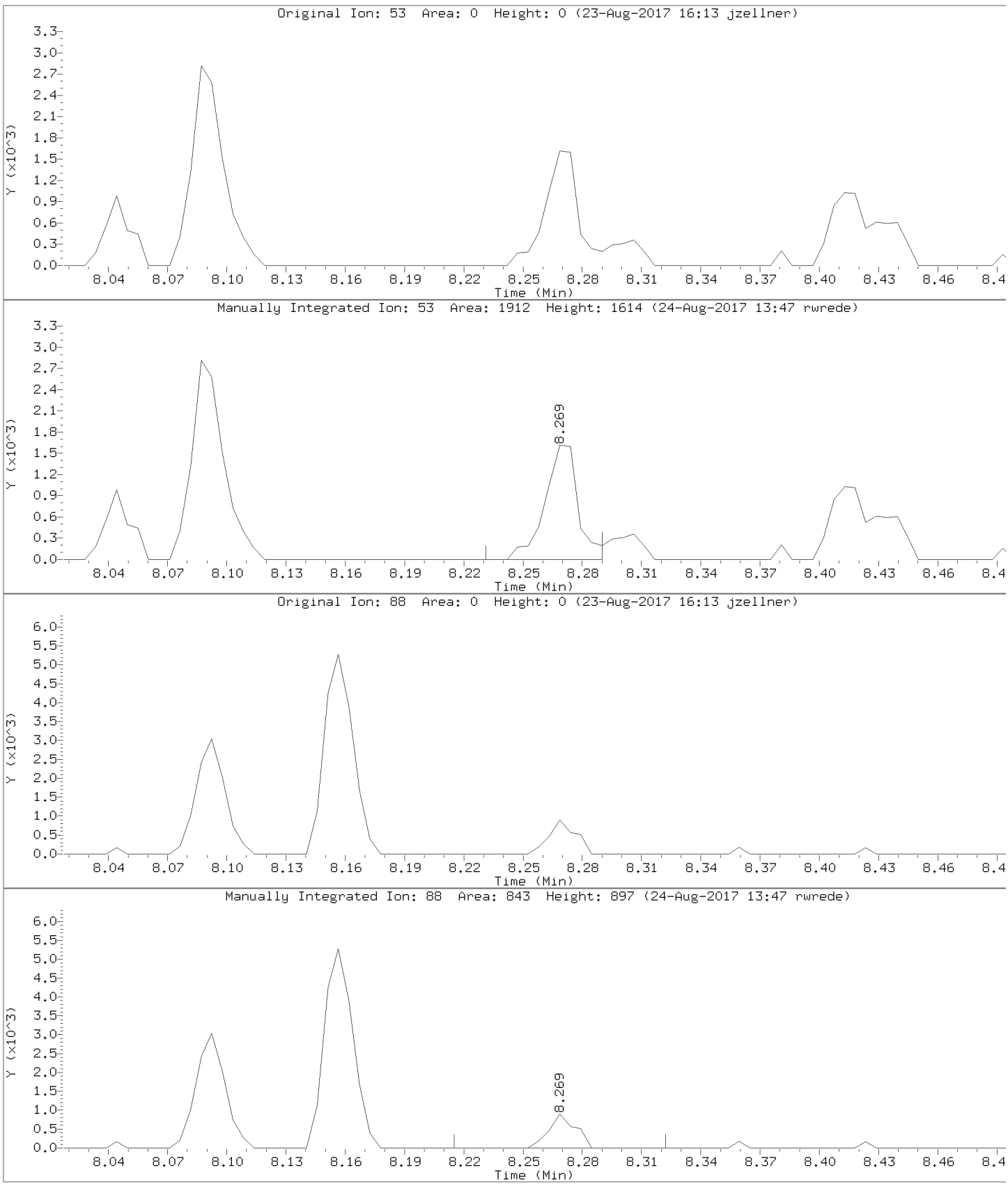
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: trans-1,4-Dichloro-2-butene Review Code: NI
CAS Number:



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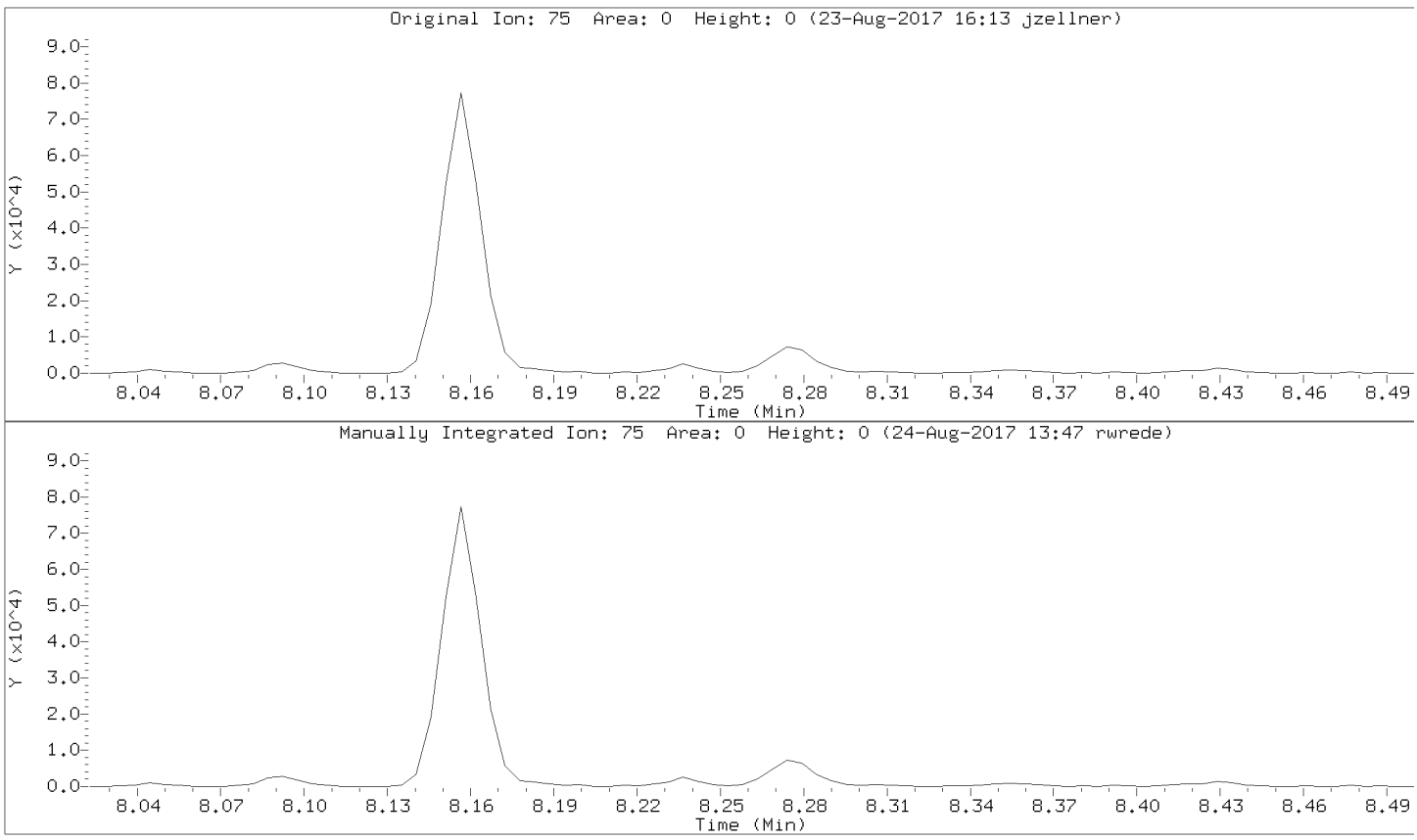
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



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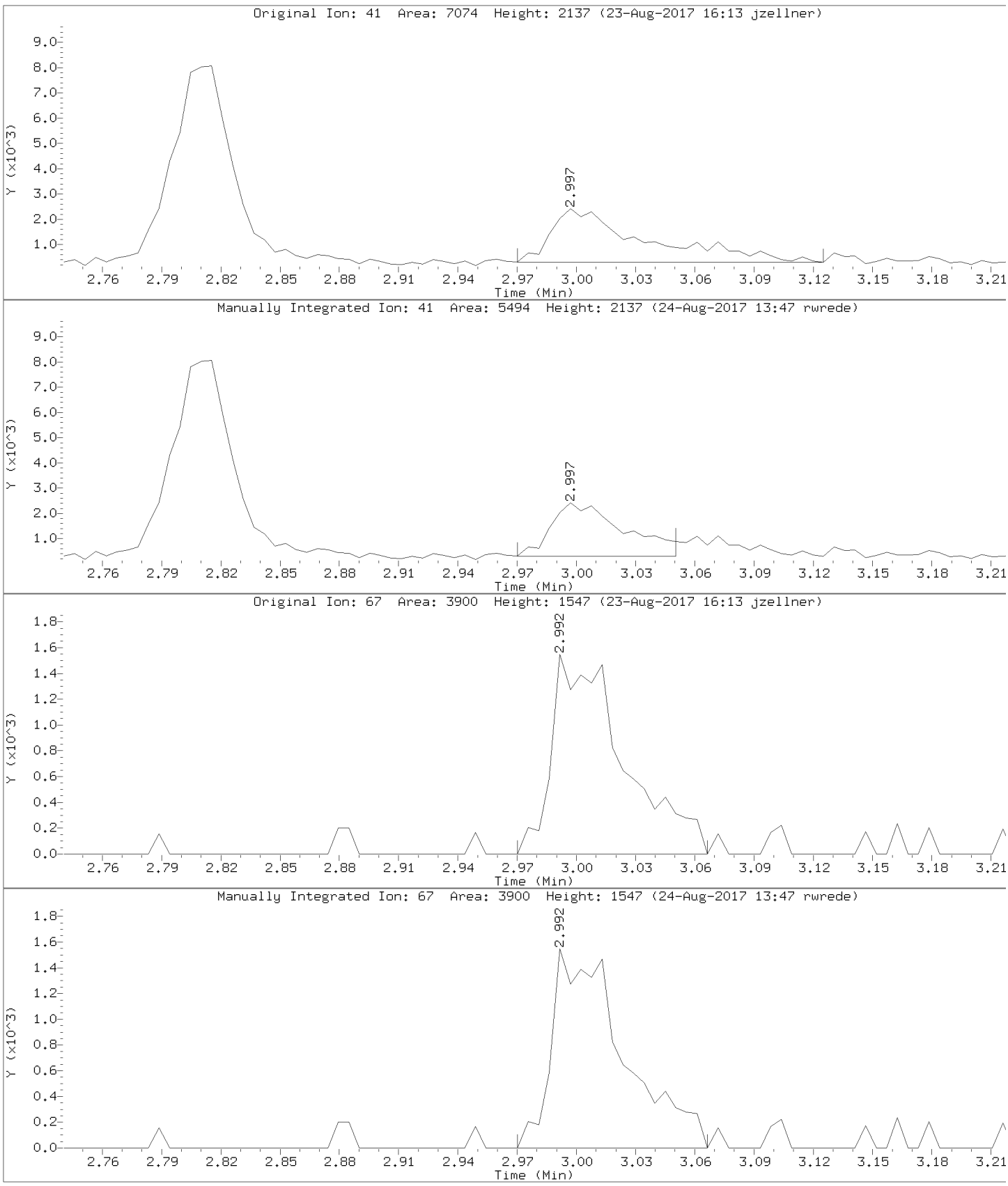
Injection Date: 23-AUG-2017 13:37
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methacrylonitrile Review Code: GT
CAS Number: 126-98-7



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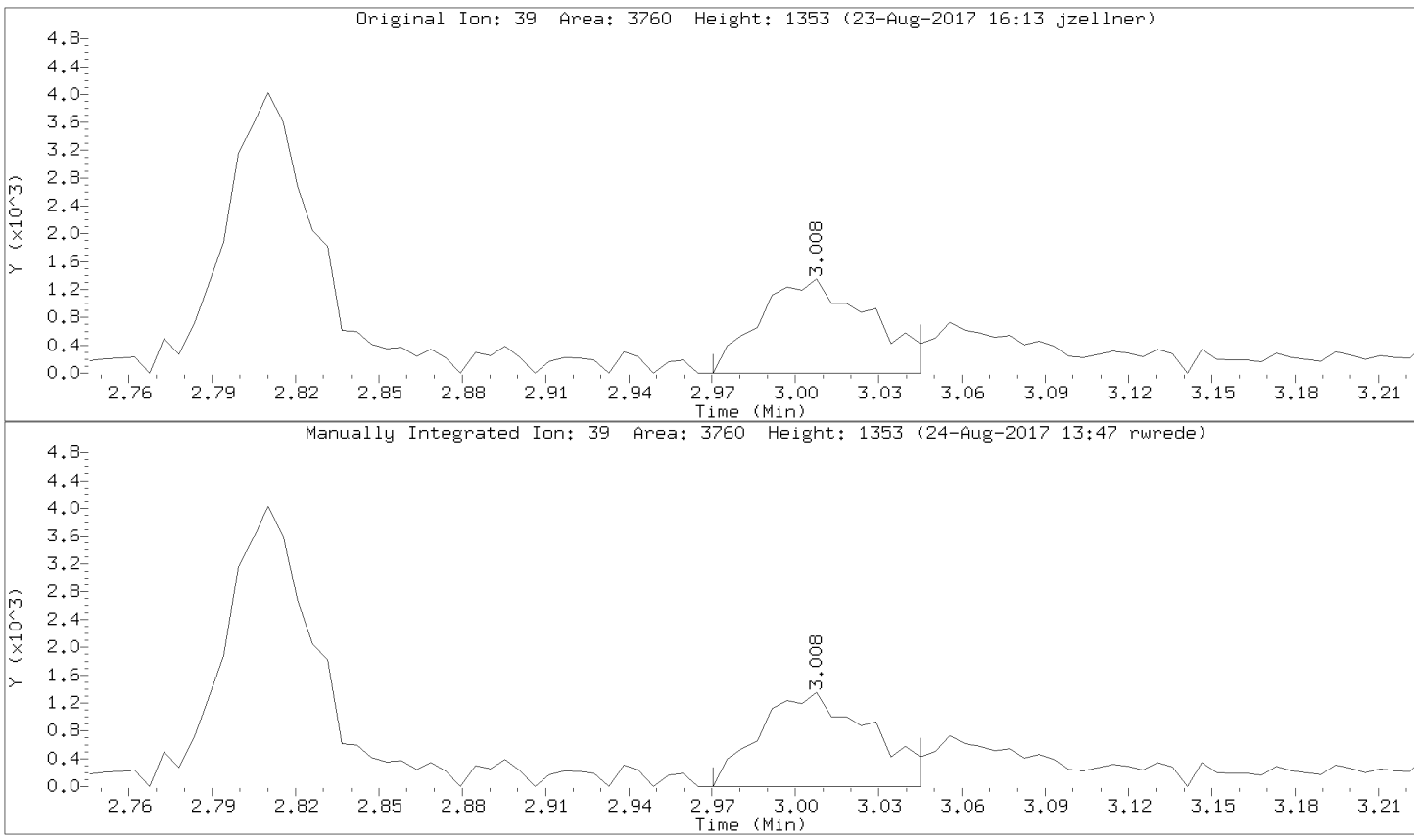
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL3,156495:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a04cal.d
Lab Smp Id: 8260-CAL4,156496:0 Client Smp ID: 8260-CAL4
Inj Date : 23-AUG-2017 14:09
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal4,156496:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 14:09 Cal File: a04cal.d
Als bottle: 9 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1 Dichlorodifluoromethane	85	0.903	0.903	(0.218)	39020	10.0000	11.4	
2 Chloromethane	50	0.989	0.988	(0.238)	34295	10.0000	11.5	
3 Vinyl Chloride	62	1.031	1.031	(0.249)	49537	10.0000	11.1	
4 Bromomethane	94	1.175	1.180	(0.283)	17107	10.0000	10.2	
5 Chloroethane	64	1.224	1.223	(0.295)	28810	10.0000	10.9	
6 Trichlorofluoromethane	101	1.336	1.335	(0.322)	64541	10.0000	11.9	
7 Diethyl ether	74	1.459	1.458	(0.351)	18637	10.0000	9.78	
8 1,2-dichlorotrifluoroethane	67	1.475	1.474	(0.355)	52214	10.0000	10.5	
9 Acrolein	56	1.533	1.533	(0.370)	60095	200.000	202	
10 1,1,2trichlorotrifluoroethane	101	1.581	1.586	(0.381)	45272	10.0000	10.9	
11 1,1-Dichloroethene	96	1.587	1.586	(0.382)	37271	10.0000	10.8	
12 Acetone	43	1.597	1.597	(0.385)	22871	50.0000	32.0	
13 Iodomethane	142	1.672	1.677	(0.403)	56997	20.0000	18.6	
14 Carbon Disulfide	76	1.726	1.725	(0.416)	113018	10.0000	10.4	
15 Methyl Acetate	43	1.768	1.768	(0.426)	12830	10.0000	9.92	
16 allyl chloride	41	1.784	1.784	(0.430)	109045	20.0000	21.4	
17 Acetonitrile	39	1.784	1.784	(0.430)	78117	10.0000	10.6	
18 Methylene Chloride	84	1.859	1.859	(0.448)	38557	10.0000	11.3	
19 Acrylonitrile	53	1.993	1.992	(0.480)	22677	40.0000	40.2	
20 Methyl-tert-butyl ether	73	2.014	2.019	(0.485)	81435	10.0000	9.58	
21 tert-Butyl Alcohol	59	1.902	1.891	(0.458)	5247	20.0000	18.8(Q)	
22 1,2-Dichloroethene (trans)	96	2.030	2.030	(0.489)	38050	10.0000	10.3	
23 n-Hexane	57	2.212	2.211	(0.533)	74717	10.0000	9.82	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.318	2.318	(0.559)	204971	40.0000	40.2	
	25 1,1-Dichloroethane	63	2.329	2.334	(0.561)	69151	10.0000	10.3	
	26 Chloroprene	53	2.388	2.387	(0.575)	69456	10.0000	10.5	
	27 2-Butanone	72	2.788	2.788	(0.672)	10182	50.0000	50.9	
	28 1,2-Dichloroethene (cis)	96	2.804	2.804	(0.676)	41611	10.0000	10.6	
	29 2,2-Dichloropropane	77	2.810	2.809	(0.677)	65172	10.0000	10.7	
	30 Propionitrile	54	2.863	2.841	(0.690)	2001	10.0000	11.2(Q)	
	31 Methacrylonitrile	41	2.997	2.991	(0.722)	11611	10.0000	8.95(M)	GT
	32 Bromochloromethane	49	3.039	3.039	(0.732)	26349	10.0000	11.0	
	33 Tetrahydrofuran	42	3.066	3.060	(0.739)	6878	10.0000	11.9	
	34 Chloroform	83	3.146	3.146	(0.758)	63499	10.0000	10.4	
$	35 Dibromofluoromethane (S)	113	3.317	3.322	(0.799)	155186	50.0000	49.9	
	36 1,1,1-Trichloroethane	97	3.317	3.322	(0.799)	63370	10.0000	10.5	
	37 Cyclohexane	56	3.408	3.408	(0.821)	75258	10.0000	10.7	
	38 n-Butyl chloride	56	3.467	3.472	(0.835)	87601	10.0000	10.0	
	39 Carbon Tetrachloride	117	3.504	3.504	(0.844)	56020	10.0000	10.8	
	40 1,1-Dichloropropene	75	3.510	3.514	(0.846)	56435	10.0000	10.6	
	41 Benzene	78	3.750	3.749	(0.903)	147721	10.0000	10.5	
	42 1,2-Dichloroethane	62	3.835	3.835	(0.924)	38679	10.0000	10.0	
	43 2,2,4-Trimethylpentane	57	3.931	3.931	(0.947)	155185	10.0000	10.4	
	44 Isobutyl alcohol	43	3.862	3.862	(0.931)	156790	10.0000	9.21(M)	CO
*	45 Fluorobenzene (IS)	96	4.150	4.155	(1.000)	630050	50.0000		
	46 Trichloroethene	95	4.610	4.604	(1.111)	38537	10.0000	10.5	
	47 Methylcyclohexane	55	4.877	4.876	(1.175)	58563	10.0000	10.5	
	48 1,2-Dichloropropane	63	4.909	4.908	(1.183)	33607	10.0000	9.97	
	49 Dibromomethane	93	5.010	5.010	(1.207)	14866	10.0000	10.2	
	50 1,4-Dioxane	88	5.016	5.015	(1.208)	2911	200.000	222	
	51 Methyl methacrylate	69	5.032	5.026	(1.212)	13723	10.0000	8.65	
	52 Bromodichloromethane	83	5.229	5.234	(1.260)	43790	10.0000	10.3	
	53 2-Chloroethyl vinyl ether	63	5.587	5.587	(0.762)	14575	20.0000	18.2	
	54 cis-1,3-Dichloropropene	75	5.731	5.731	(0.782)	52851	10.0000	10.1	
	55 4-Methyl-2-Pentanone	43	5.908	5.907	(0.806)	83205	50.0000	43.6	
$	56 Toluene-d8 (S)	98	6.009	6.009	(0.819)	577184	50.0000	48.3	
	57 Toluene	91	6.084	6.083	(0.830)	146974	10.0000	9.78	
	58 trans-1,3-Dichloropropene	75	6.367	6.367	(0.868)	39760	10.0000	9.59	
	59 Ethyl Methacrylate	69	6.452	6.452	(0.880)	29901	10.0000	9.46	
	60 1,1,2-Trichloroethane	83	6.554	6.553	(0.894)	17907	10.0000	9.37(Q)	
	61 Tetrachloroethene	166	6.607	6.607	(0.901)	39997	10.0000	10.4	
	62 1,3-Dichloropropane	76	6.693	6.692	(0.913)	38223	10.0000	10.2	
	63 2-Hexanone	43	6.768	6.762	(0.923)	53979	50.0000	47.5	
	64 Dibromochloromethane	129	6.880	6.879	(0.938)	27079	10.0000	10.2	
	65 1,2-Dibromoethane	107	6.965	6.965	(0.950)	19538	10.0000	9.69	
*	66 Chlorobenzene-D5 (IS)	117	7.334	7.333	(1.000)	398262	50.0000		
	67 Chlorobenzene	112	7.360	7.360	(1.004)	81167	10.0000	10.2	
	68 1,1,1,2-Tetrachloroethane	131	7.435	7.435	(1.014)	30285	10.0000	10.3	
	69 Ethylbenzene	106	7.441	7.440	(1.015)	50420	10.0000	9.76	
	70 m&p-Xylene	106	7.542	7.542	(1.028)	121718	20.0000	20.5	
	71 o-Xylene	106	7.798	7.798	(1.063)	54574	10.0000	10.2	
	72 Styrene	104	7.814	7.814	(1.066)	88480	10.0000	9.40	
	73 Bromoform	173	7.937	7.937	(0.898)	12205	10.0000	9.91	
	74 Isopropylbenzene	105	8.044	8.044	(1.097)	147553	10.0000	10.7	
$	75 4-Bromofluorobenzene (S)	95	8.156	8.156	(1.112)	165105	50.0000	50.4	
	76 Bromobenzene	77	8.236	8.236	(1.123)	42475	10.0000	10.0	
	77 1,1,2,2-Tetrachloroethane	83	8.247	8.247	(0.934)	19291	10.0000	10.3	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.268	8.268	(1.127)	4917	10.0000	10.7(H)	WP
79	1,2,3-Trichloropropane	110	8.279	8.279	(0.937)	6319	10.0000	11.4	
80	n-Propylbenzene	91	8.306	8.305	(0.940)	152404	10.0000	10.8	
81	2-Chlorotoluene	91	8.354	8.353	(0.946)	86192	10.0000	10.7	
82	1,3,5-Trimethylbenzene	105	8.413	8.412	(0.952)	100792	10.0000	10.6	
83	4-Chlorotoluene	126	8.429	8.428	(0.954)	27109	10.0000	10.8	
84	tert-Butylbenzene	119	8.594	8.594	(0.973)	115859	10.0000	10.7	
85	1,2,4-Trimethylbenzene	105	8.632	8.631	(0.977)	92551	10.0000	10.2	
86	sec-Butylbenzene	105	8.722	8.722	(0.987)	130985	10.0000	10.9	
87	1,3-Dichlorobenzene	146	8.786	8.791	(0.995)	42956	10.0000	10.1	
88	p-Isopropyltoluene	119	8.808	8.807	(0.997)	101732	10.0000	10.6	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.834	(1.000)	129905	50.0000		
90	1,4-Dichlorobenzene	146	8.845	8.845	(1.001)	44346	10.0000	10.5	
91	n-Butylbenzene	91	9.027	9.026	(1.022)	84064	10.0000	10.2	
92	1,2-Dichlorobenzene	146	9.038	9.037	(1.023)	34591	10.0000	9.78	
93	1,2,4-Trichlorobenzene	180	9.860	9.854	(1.116)	22656	10.0000	9.27	
94	1,2-Dibromo-3-chloropropane	155	9.454	9.448	(1.070)	1959	10.0000	8.89	
95	Hexachlorobutadiene	225	9.924	9.918	(1.123)	16285	10.0000	10.0	
96	Naphthalene	128	10.004	9.993	(1.132)	45731	10.0000	9.18	
97	1,2,3-Trichlorobenzene	180	10.116	10.111	(1.145)	21036	10.0000	9.32	
98	2,methyl-naphthalene	142	10.634	10.623	(1.204)	29157	10.0000	9.31	
99	1-Methylnaphthalene	142	10.752	10.741	(1.217)	23309	10.0000	9.14	

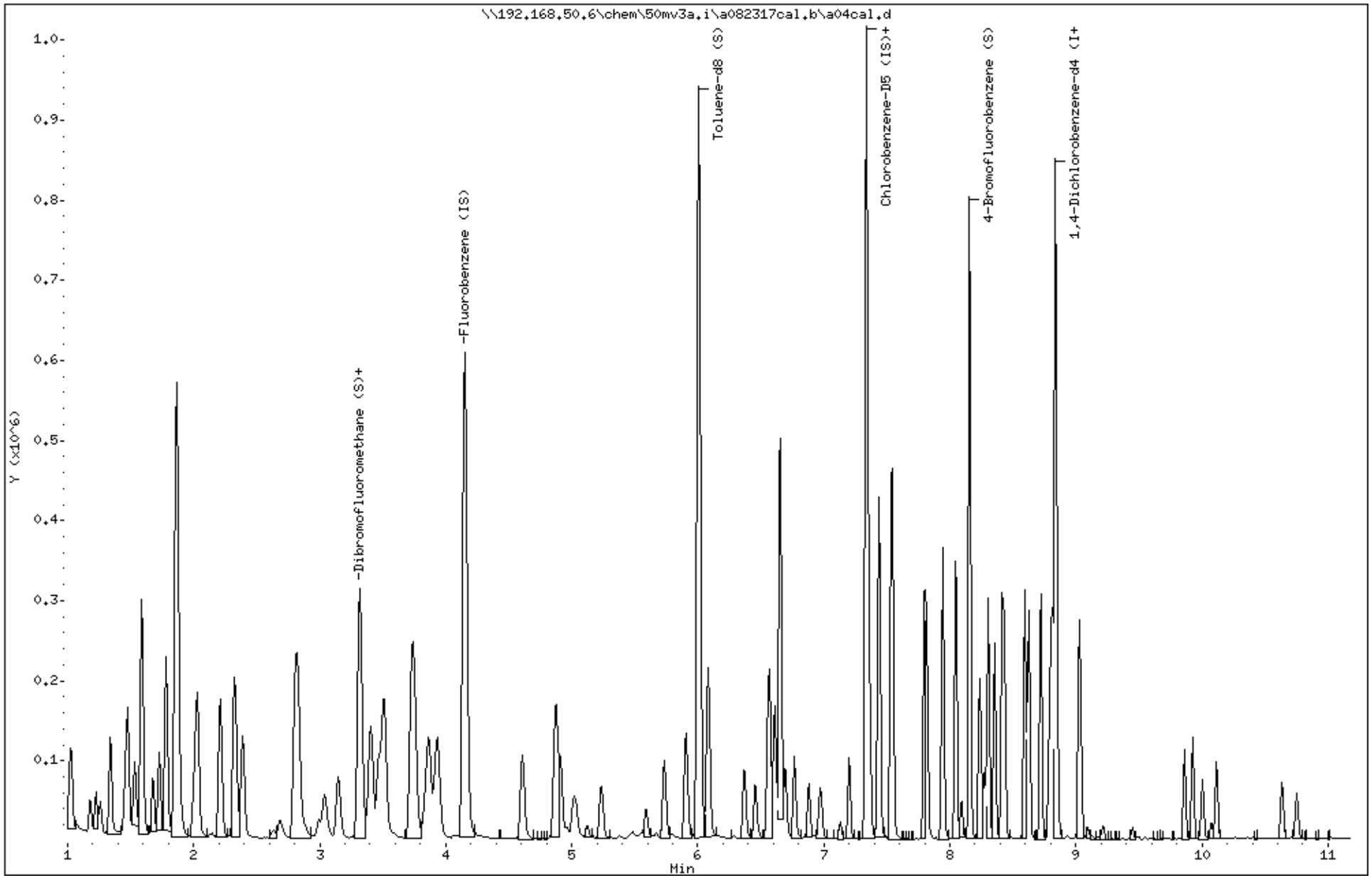
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

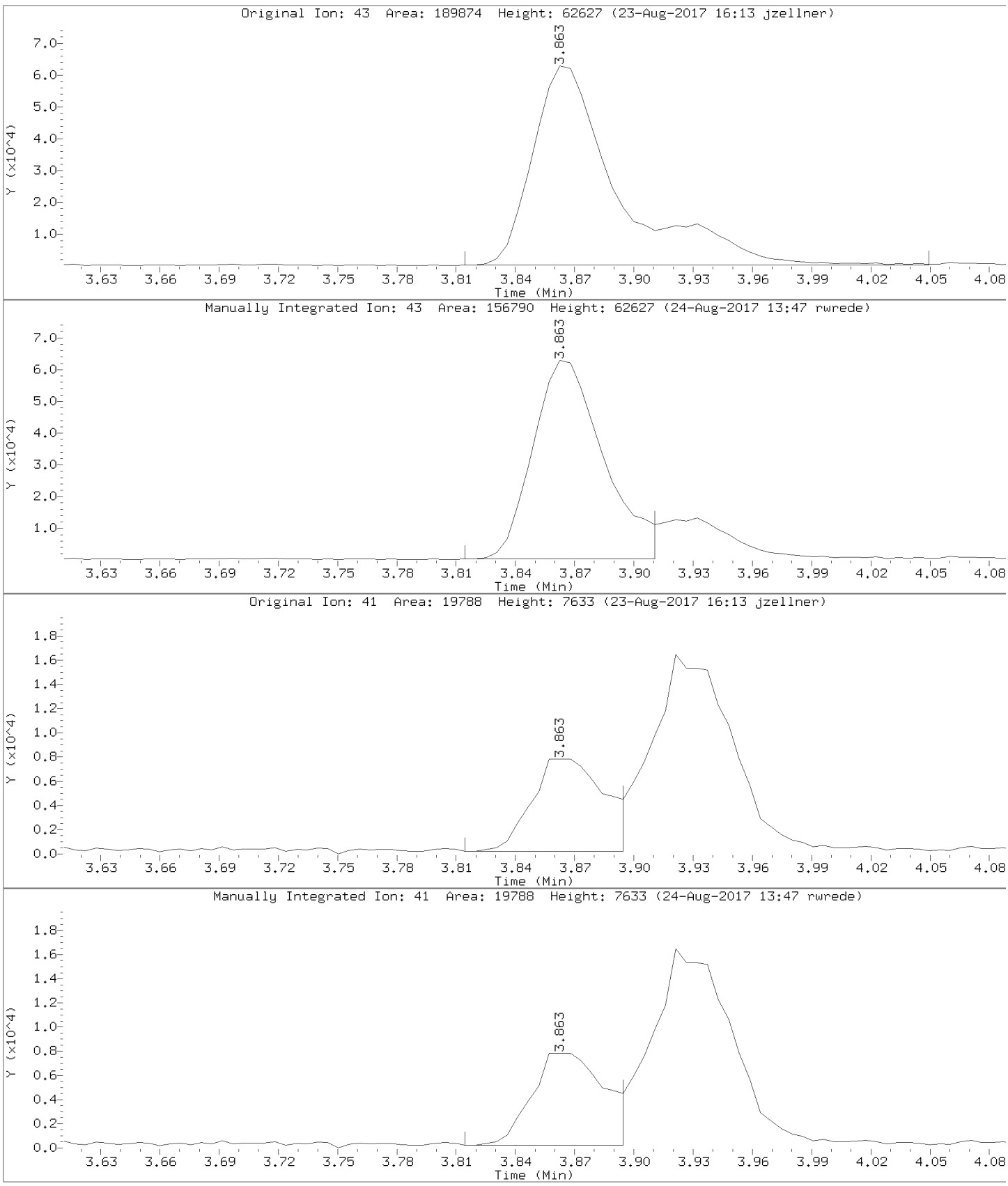
:
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a04cal.d
Date : 23-AUG-2017 14:09
Client ID: 8260-CAL4
Instrument: 50mv3a.i
Sample Info: 8260-CAL4,156496:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b/a04cal.d
Injection Date: 23-AUG-2017 14:09
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1



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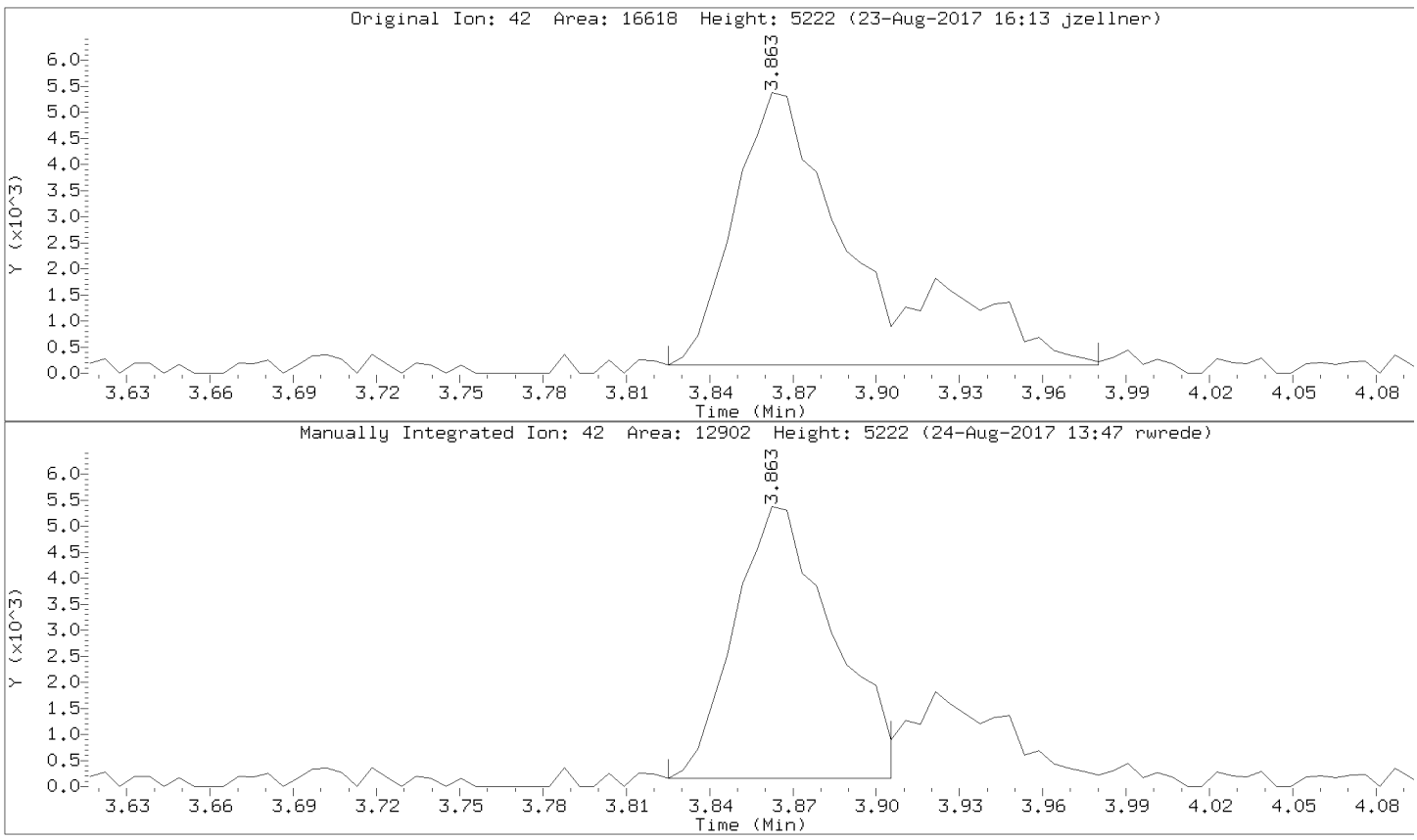
Injection Date: 23-AUG-2017 14:09
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL4,156496:0



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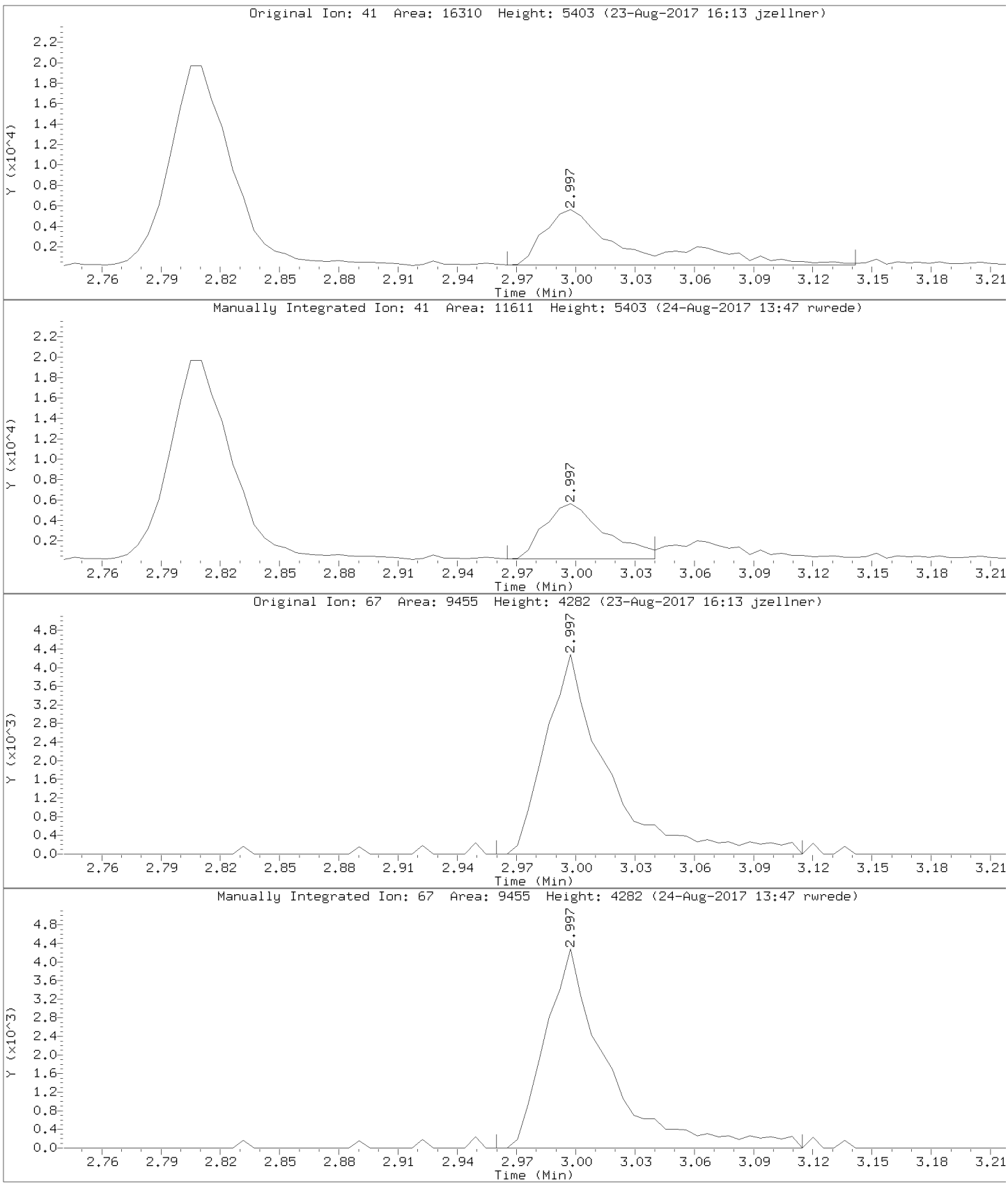
Injection Date: 23-AUG-2017 14:09
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Methacrylonitrile Review Code: GT
CAS Number: 126-98-7



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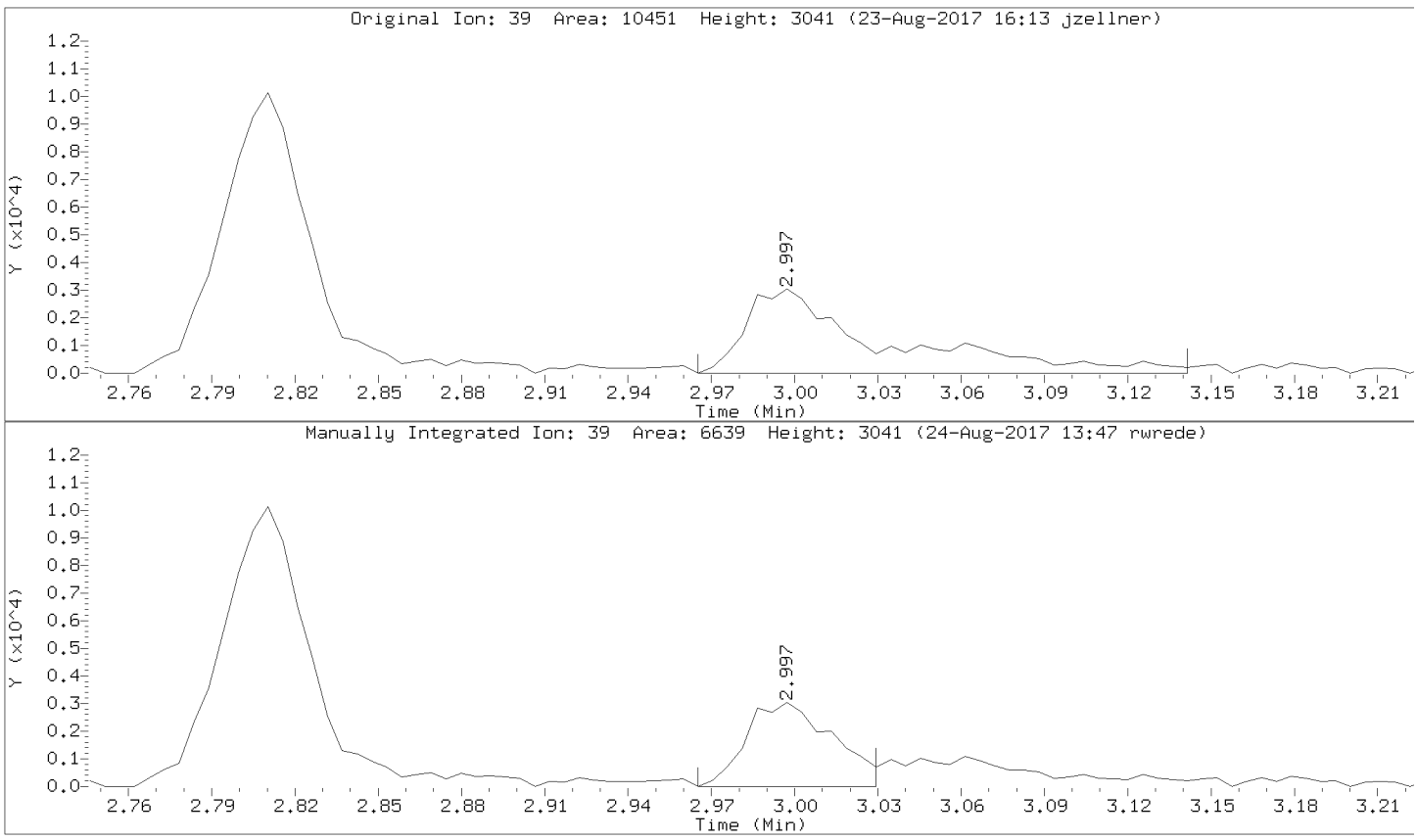
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL4,156496:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a05cal.d
Lab Smp Id: 8260-CAL5,156497:0 Client Smp ID: 8260-CAL5
Inj Date : 23-AUG-2017 14:41
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal5,156497:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 14:41 Cal File: a05cal.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.905	0.903	(0.218)	70537	20.0000	20.8	
2	Chloromethane	50	0.990	0.988	(0.239)	60397	20.0000	20.6	
3	Vinyl Chloride	62	1.033	1.031	(0.249)	92608	20.0000	21.1	
4	Bromomethane	94	1.177	1.180	(0.284)	32972	20.0000	20.0	
5	Chloroethane	64	1.225	1.223	(0.296)	54049	20.0000	20.8	
6	Trichlorofluoromethane	101	1.338	1.335	(0.323)	118828	20.0000	22.3	
7	Diethyl ether	74	1.460	1.458	(0.352)	36311	20.0000	19.3	
8	1,2-dichlorotrifluoroethane	67	1.477	1.474	(0.356)	99404	20.0000	20.2	
9	Acrolein	56	1.530	1.533	(0.369)	118304	400.000	402	
10	1,1,2trichlorotrifluoroethane	101	1.583	1.586	(0.382)	82818	20.0000	20.3	
11	1,1-Dichloroethene	96	1.589	1.586	(0.383)	69335	20.0000	20.4	
12	Acetone	43	1.599	1.597	(0.386)	50178	100.000	102	
13	Iodomethane	142	1.674	1.677	(0.404)	119017	40.0000	39.3	
14	Carbon Disulfide	76	1.722	1.725	(0.415)	205462	20.0000	19.1	
15	Methyl Acetate	43	1.770	1.768	(0.427)	26658	20.0000	20.9	
16	allyl chloride	41	1.781	1.784	(0.430)	201328	40.0000	40.0	
17	Acetonitrile	39	1.781	1.784	(0.430)	147357	20.0000	20.3	
18	Methylene Chloride	84	1.856	1.859	(0.448)	67350	20.0000	20.0	
19	Acrylonitrile	53	1.989	1.992	(0.480)	43579	80.0000	78.4	
20	Methyl-tert-butyl ether	73	2.016	2.019	(0.486)	167367	20.0000	20.0	
21	tert-Butyl Alcohol	59	1.893	1.891	(0.457)	9682	40.0000	39.9(Q)	
22	1,2-Dichloroethene (trans)	96	2.032	2.030	(0.490)	72052	20.0000	19.8	
23	n-Hexane	57	2.214	2.211	(0.534)	138637	20.0000	18.5	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.320	2.318	(0.560)	425289	80.0000	84.7	
	25 1,1-Dichloroethane	63	2.331	2.334	(0.562)	133325	20.0000	20.2	
	26 Chloroprene	53	2.384	2.387	(0.575)	133782	20.0000	20.6	
	27 2-Butanone	72	2.790	2.788	(0.673)	19519	100.000	99.0	
	28 1,2-Dichloroethene (cis)	96	2.806	2.804	(0.677)	77764	20.0000	20.2	
	29 2,2-Dichloropropane	77	2.812	2.809	(0.678)	120919	20.0000	20.2	
	30 Propionitrile	54	2.844	2.841	(0.686)	4386	20.0000	22.5(QM)	WP
	31 Methacrylonitrile	41	2.993	2.991	(0.722)	23681	20.0000	18.5	
	32 Bromochloromethane	49	3.036	3.039	(0.732)	48501	20.0000	20.6	
	33 Tetrahydrofuran	42	3.057	3.060	(0.737)	10631	20.0000	18.7	
	34 Chloroform	83	3.148	3.146	(0.759)	123851	20.0000	20.5	
$	35 Dibromofluoromethane (S)	113	3.319	3.322	(0.800)	154073	50.0000	50.2	
	36 1,1,1-Trichloroethane	97	3.325	3.322	(0.802)	122517	20.0000	20.5	
	37 Cyclohexane	56	3.405	3.408	(0.821)	138836	20.0000	20.0	
	38 n-Butyl chloride	56	3.474	3.472	(0.838)	174255	20.0000	20.3	
	39 Carbon Tetrachloride	117	3.506	3.504	(0.845)	105412	20.0000	20.6	
	40 1,1-Dichloropropene	75	3.511	3.514	(0.847)	109694	20.0000	21.0	
	41 Benzene	78	3.746	3.749	(0.903)	287638	20.0000	20.7	
	42 1,2-Dichloroethane	62	3.837	3.835	(0.925)	77722	20.0000	20.5	
	43 2,2,4-Trimethylpentane	57	3.928	3.931	(0.947)	296780	20.0000	20.1	
	44 Isobutyl alcohol	43	3.864	3.862	(0.932)	332022	20.0000	19.8(M)	CO
*	45 Fluorobenzene (IS)	96	4.147	4.155	(1.000)	621041	50.0000		
	46 Trichloroethene	95	4.606	4.604	(1.111)	74648	20.0000	20.7	
	47 Methylcyclohexane	55	4.873	4.876	(1.175)	110077	20.0000	20.1	
	48 1,2-Dichloropropane	63	4.911	4.908	(1.184)	68246	20.0000	20.5	
	49 Dibromomethane	93	5.007	5.010	(1.207)	28724	20.0000	20.1	
	50 1,4-Dioxane	88	5.018	5.015	(1.210)	5304	400.000	411	
	51 Methyl methacrylate	69	5.034	5.026	(1.214)	31022	20.0000	19.8	
	52 Bromodichloromethane	83	5.231	5.234	(1.261)	85260	20.0000	20.4	
	53 2-Chloroethyl vinyl ether	63	5.589	5.587	(0.762)	33323	40.0000	42.8	
	54 cis-1,3-Dichloropropene	75	5.733	5.731	(0.782)	102440	20.0000	20.2	
	55 4-Methyl-2-Pentanone	43	5.904	5.907	(0.805)	170445	100.000	91.9	
$	56 Toluene-d8 (S)	98	6.006	6.009	(0.819)	568199	50.0000	48.9	
	57 Toluene	91	6.081	6.083	(0.829)	284669	20.0000	19.5	
	58 trans-1,3-Dichloropropene	75	6.369	6.367	(0.868)	82429	20.0000	20.4	
	59 Ethyl Methacrylate	69	6.454	6.452	(0.880)	60191	20.0000	19.6	
	60 1,1,2-Trichloroethane	83	6.551	6.553	(0.893)	35065	20.0000	18.9(Q)	
	61 Tetrachloroethene	166	6.609	6.607	(0.901)	76530	20.0000	20.5	
	62 1,3-Dichloropropane	76	6.695	6.692	(0.913)	75662	20.0000	20.8	
	63 2-Hexanone	43	6.764	6.762	(0.922)	108384	100.000	98.1	
	64 Dibromochloromethane	129	6.882	6.879	(0.938)	53265	20.0000	20.6	
	65 1,2-Dibromoethane	107	6.962	6.965	(0.949)	39867	20.0000	20.3	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.333	(1.000)	386964	50.0000		
	67 Chlorobenzene	112	7.357	7.360	(1.003)	158292	20.0000	20.6	
	68 1,1,1,2-Tetrachloroethane	131	7.437	7.435	(1.014)	59783	20.0000	20.9	
	69 Ethylbenzene	106	7.442	7.440	(1.015)	97165	20.0000	19.4	
	70 m&p-Xylene	106	7.539	7.542	(1.028)	228149	40.0000	39.6	
	71 o-Xylene	106	7.800	7.798	(1.063)	105556	20.0000	20.4	
	72 Styrene	104	7.816	7.814	(1.066)	172901	20.0000	18.9	
	73 Bromoform	173	7.934	7.937	(0.898)	25136	20.0000	20.4	
	74 Isopropylbenzene	105	8.046	8.044	(1.097)	279700	20.0000	20.9	
$	75 4-Bromofluorobenzene (S)	95	8.158	8.156	(1.112)	164301	50.0000	51.6	
	76 Bromobenzene	77	8.233	8.236	(1.122)	84118	20.0000	20.4	
	77 1,1,2,2-Tetrachloroethane	83	8.249	8.247	(0.934)	37006	20.0000	19.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.265	8.268	(1.127)	9268	20.0000	20.7(H)	WP
79	1,2,3-Trichloropropane	110	8.276	8.279	(0.937)	11605	20.0000	20.9	
80	n-Propylbenzene	91	8.302	8.305	(0.940)	292237	20.0000	20.7	
81	2-Chlorotoluene	91	8.356	8.353	(0.946)	166484	20.0000	20.7	
82	1,3,5-Trimethylbenzene	105	8.415	8.412	(0.952)	194849	20.0000	20.4	
83	4-Chlorotoluene	126	8.431	8.428	(0.954)	51343	20.0000	20.5	
84	tert-Butylbenzene	119	8.596	8.594	(0.973)	219082	20.0000	20.3	
85	1,2,4-Trimethylbenzene	105	8.628	8.631	(0.976)	182275	20.0000	20.1	
86	sec-Butylbenzene	105	8.719	8.722	(0.987)	247871	20.0000	20.7	
87	1,3-Dichlorobenzene	146	8.788	8.791	(0.995)	87019	20.0000	20.4	
88	p-Isopropyltoluene	119	8.804	8.807	(0.996)	196389	20.0000	20.6	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.837	8.834	(1.000)	129843	50.0000		
90	1,4-Dichlorobenzene	146	8.847	8.845	(1.001)	83703	20.0000	19.9	
91	n-Butylbenzene	91	9.023	9.026	(1.021)	164995	20.0000	20.0	
92	1,2-Dichlorobenzene	146	9.039	9.037	(1.023)	70100	20.0000	19.8	
93	1,2,4-Trichlorobenzene	180	9.862	9.854	(1.116)	45783	20.0000	18.7	
94	1,2-Dibromo-3-chloropropane	155	9.451	9.448	(1.069)	4114	20.0000	18.7	
95	Hexachlorobutadiene	225	9.926	9.918	(1.123)	32068	20.0000	19.8	
96	Naphthalene	128	10.001	9.993	(1.132)	93921	20.0000	18.9	
97	1,2,3-Trichlorobenzene	180	10.118	10.111	(1.145)	42955	20.0000	19.0	
98	2,methyl-naphthalene	142	10.636	10.623	(1.204)	61366	20.0000	19.6	
99	1-Methylnaphthalene	142	10.749	10.741	(1.216)	47446	20.0000	18.6	

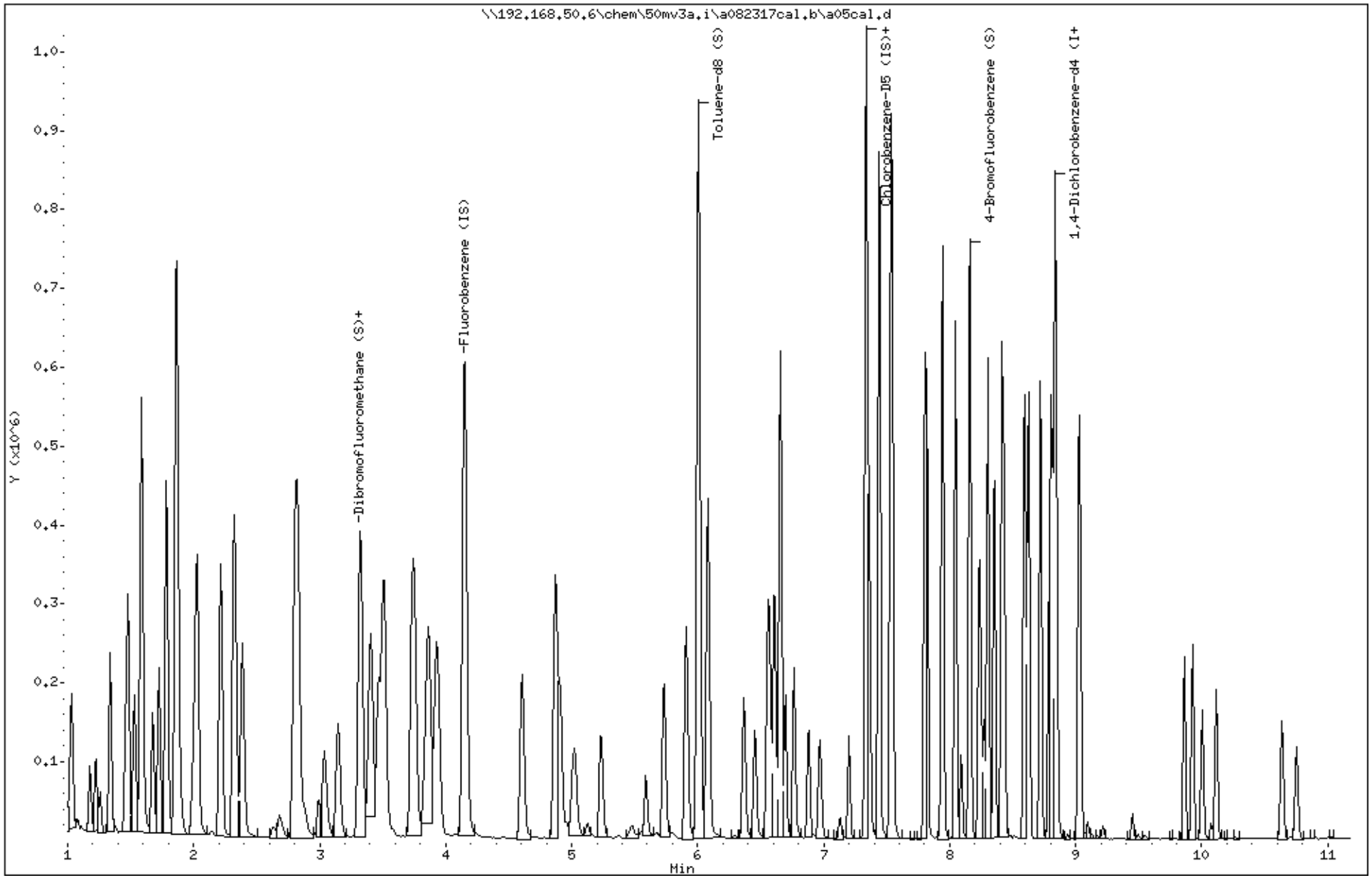
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

:
WP: Indicates that the wrong peak was chosen by the data system.
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a05cal.d
Date : 23-AUG-2017 14:41
Client ID: 8260-CAL5
Instrument: 50mv3a.i
Sample Info: 8260-CAL5,156497:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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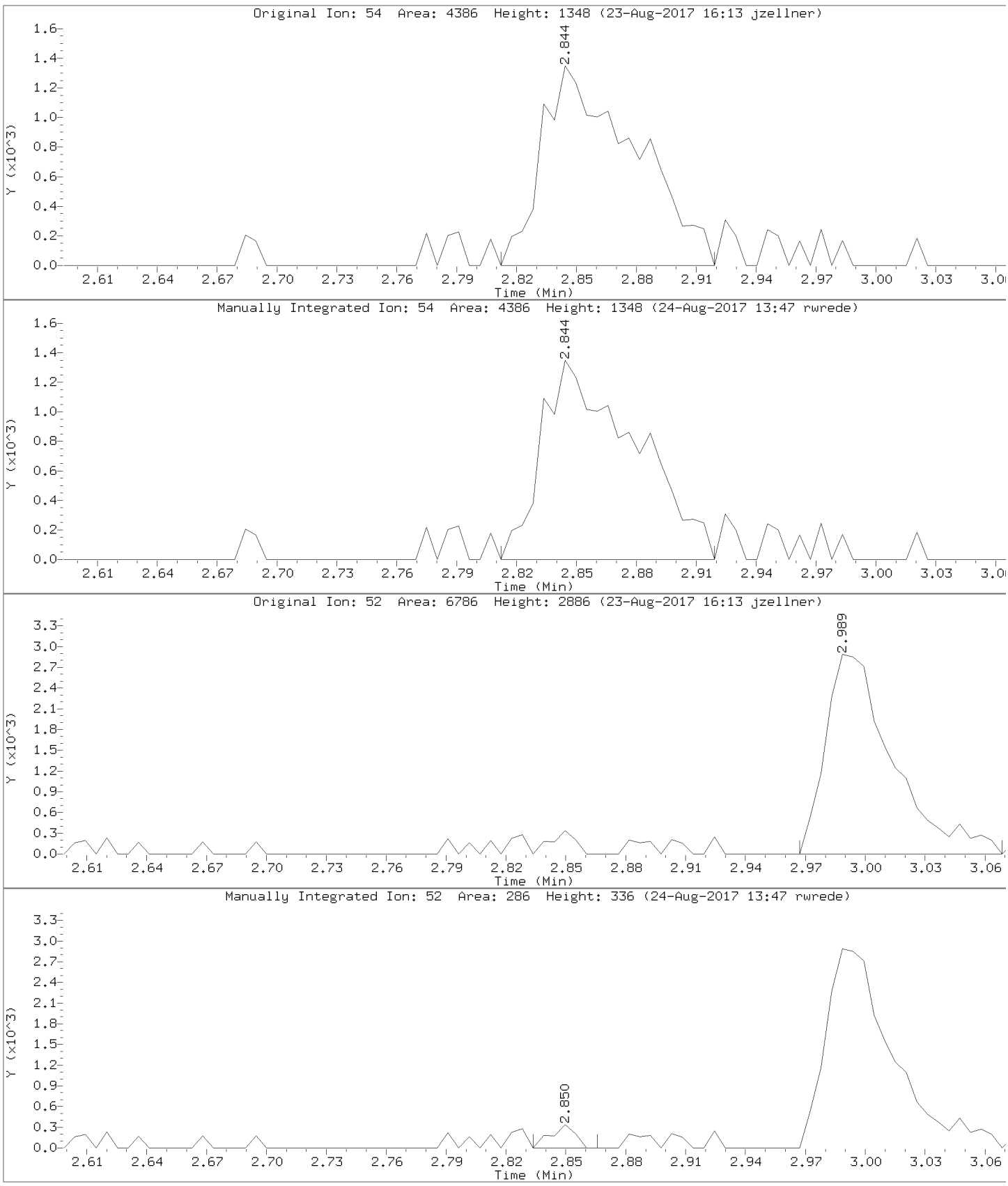
Injection Date: 23-AUG-2017 14:41
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL5,156497:0

Compound: Propionitrile Review Code: WP
CAS Number: 107-12-0



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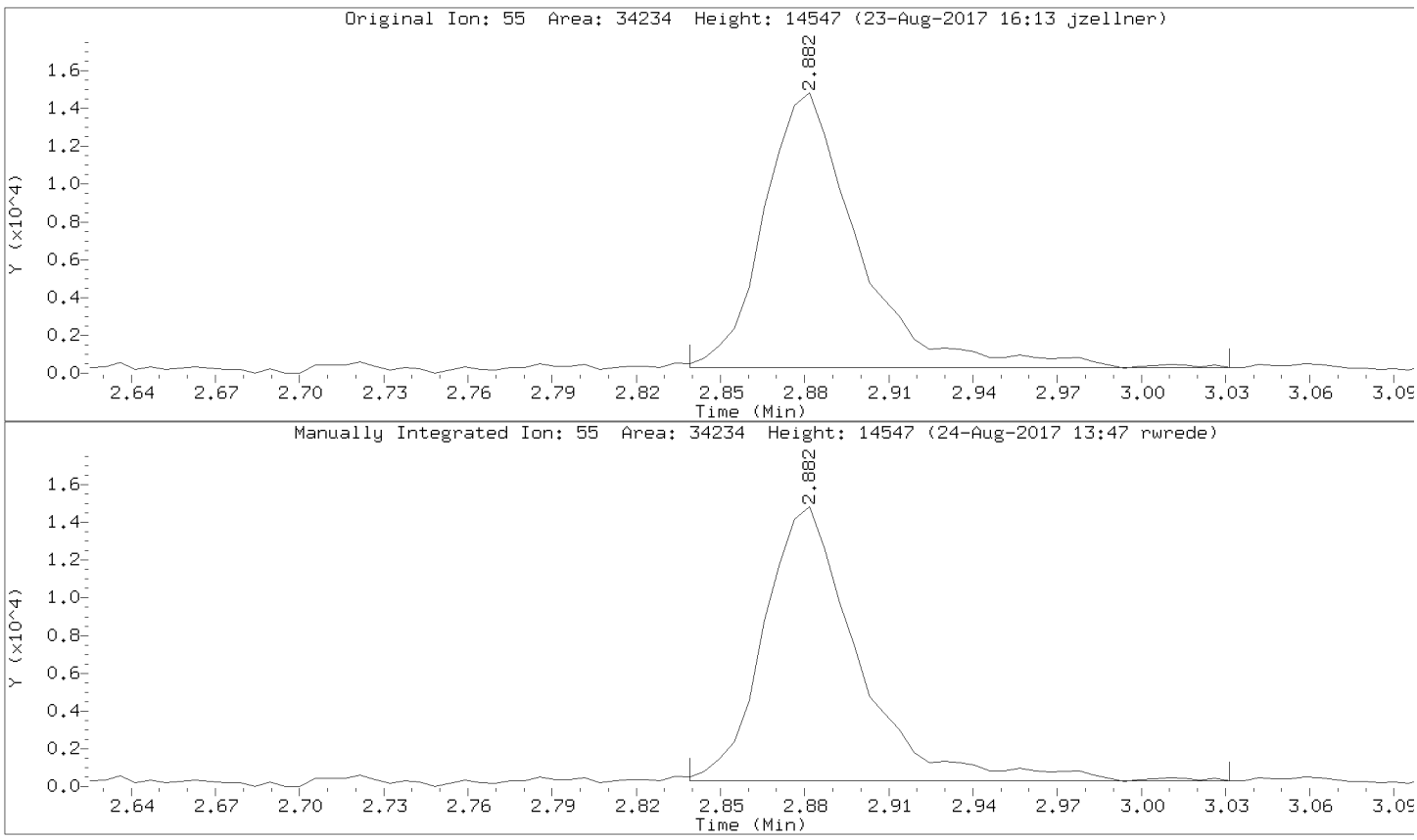

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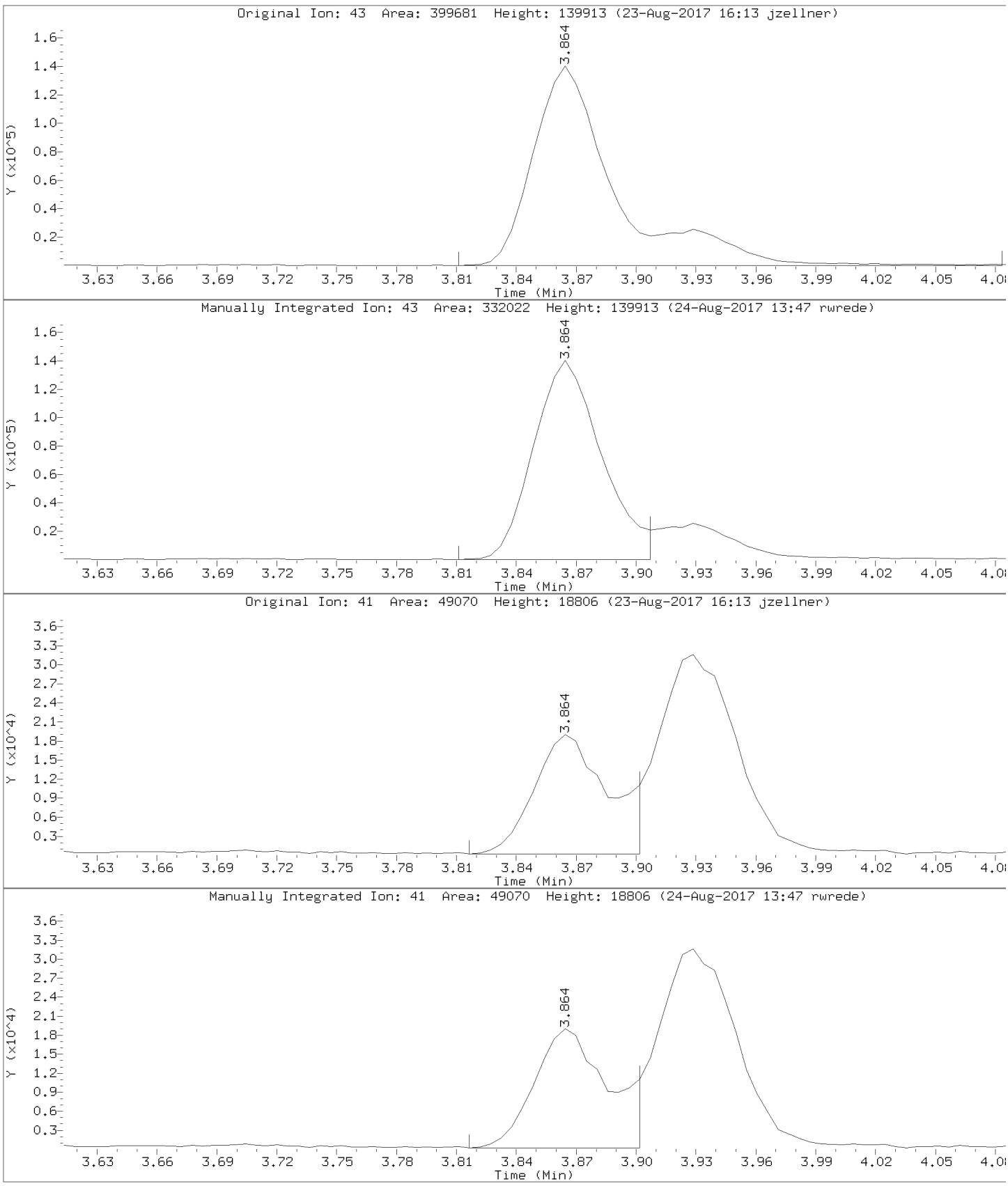
Injection Date: 23-AUG-2017 14:41
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL5,156497:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1



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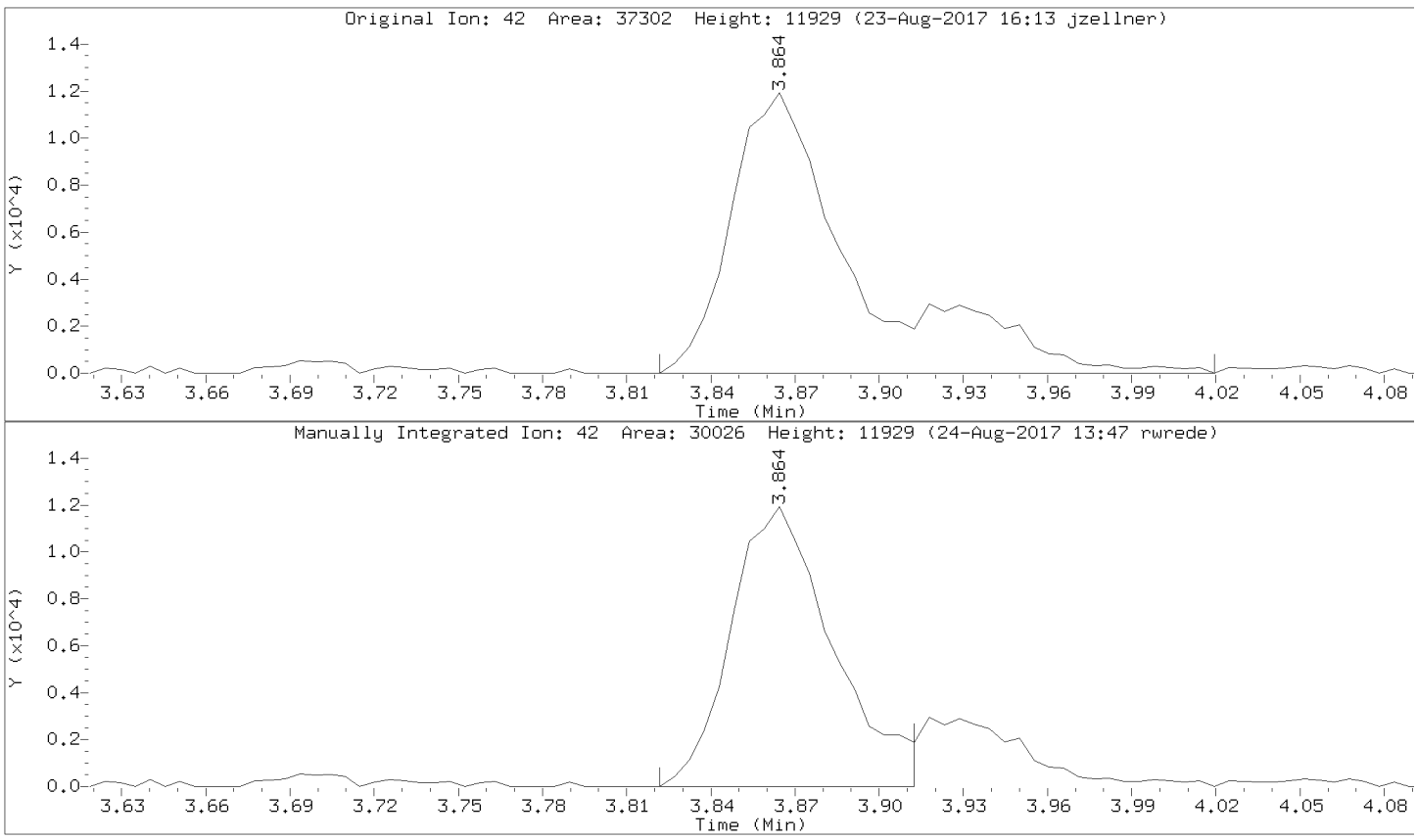
Injection Date: 23-AUG-2017 14:41
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL5,156497:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a06cal.d
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Inj Date : 23-AUG-2017 15:13
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal6,156498:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 13 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.906	0.903	(0.218)	174403	50.0000	49.3	
2	Chloromethane	50	0.992	0.988	(0.239)	142409	50.0000	46.4	
3	Vinyl Chloride	62	1.034	1.031	(0.249)	233492	50.0000	50.9	
4	Bromomethane	94	1.179	1.180	(0.284)	95125	50.0000	55.2	
5	Chloroethane	64	1.221	1.223	(0.294)	129214	50.0000	47.7	
6	Trichlorofluoromethane	101	1.339	1.335	(0.322)	291386	50.0000	52.3	
7	Diethyl ether	74	1.462	1.458	(0.352)	91608	50.0000	46.7	
8	1,2-dichlorotrifluoroethane	67	1.478	1.474	(0.356)	232349	50.0000	45.2	
9	Acrolein	56	1.531	1.533	(0.369)	300587	1000.00	979	
10	1,1,2trichlorotrifluoroethane	101	1.584	1.586	(0.382)	196110	50.0000	45.9	
11	1,1-Dichloroethene	96	1.590	1.586	(0.383)	165184	50.0000	46.5	
12	Acetone	43	1.600	1.597	(0.385)	111904	250.000	248	
13	Iodomethane	142	1.675	1.677	(0.403)	316493	100.000	100	
14	Carbon Disulfide	76	1.723	1.725	(0.415)	478624	50.0000	42.6	
15	Methyl Acetate	43	1.766	1.768	(0.425)	74939	50.0000	56.3	
16	allyl chloride	41	1.782	1.784	(0.429)	463555	100.000	88.3(M)	NI
17	Acetonitrile	39	1.782	1.784	(0.429)	349722	50.0000	46.2	
18	Methylene Chloride	84	1.857	1.859	(0.447)	149483	50.0000	42.5	
19	Acrylonitrile	53	1.990	1.992	(0.479)	113692	200.000	196	
20	Methyl-tert-butyl ether	73	2.017	2.019	(0.486)	425933	50.0000	48.7	
21	tert-Butyl Alcohol	59	1.894	1.891	(0.456)	22250	100.000	94.0(Q)	
22	1,2-Dichloroethene (trans)	96	2.028	2.030	(0.488)	176880	50.0000	46.4	
23	n-Hexane	57	2.215	2.211	(0.533)	342491	50.0000	43.7	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.322	2.318	(0.559)	1168160	200.000	223	
	25 1,1-Dichloroethane	63	2.332	2.334	(0.562)	323511	50.0000	46.9	
	26 Chloroprene	53	2.386	2.387	(0.574)	319860	50.0000	47.2	
	27 2-Butanone	72	2.786	2.788	(0.671)	50769	250.000	246(Q)	
	28 1,2-Dichloroethene (cis)	96	2.808	2.804	(0.676)	186802	50.0000	46.4	
	29 2,2-Dichloropropane	77	2.808	2.809	(0.676)	288076	50.0000	46.0	
	30 Propionitrile	54	2.845	2.841	(0.685)	8068	50.0000	38.1(Q)	
	31 Methacrylonitrile	41	2.995	2.991	(0.721)	83142	50.0000	62.2(Q)	
	32 Bromochloromethane	49	3.037	3.039	(0.731)	112928	50.0000	46.0	
	33 Tetrahydrofuran	42	3.059	3.060	(0.736)	28491	50.0000	48.0	
	34 Chloroform	83	3.144	3.146	(0.757)	294759	50.0000	46.7	
$	35 Dibromofluoromethane (S)	113	3.320	3.322	(0.799)	154954	50.0000	48.4	
	36 1,1,1-Trichloroethane	97	3.326	3.322	(0.801)	284080	50.0000	45.5	
	37 Cyclohexane	56	3.406	3.408	(0.820)	318788	50.0000	44.0	
	38 n-Butyl chloride	56	3.470	3.472	(0.835)	394633	50.0000	43.9	
	39 Carbon Tetrachloride	117	3.507	3.504	(0.844)	249018	50.0000	46.7	
	40 1,1-Dichloropropene	75	3.513	3.514	(0.846)	256208	50.0000	46.9	
	41 Benzene	78	3.753	3.749	(0.904)	685783	50.0000	47.3	
	42 1,2-Dichloroethane	62	3.838	3.835	(0.924)	186125	50.0000	47.0	
	43 2,2,4-Trimethylpentane	57	3.929	3.931	(0.946)	733100	50.0000	47.5	
	44 Isobutyl alcohol	43	3.865	3.862	(0.931)	900319	50.0000	51.4(M)	CO
*	45 Fluorobenzene (IS)	96	4.154	4.155	(1.000)	648729	50.0000		
	46 Trichloroethene	95	4.608	4.604	(1.109)	174651	50.0000	46.4	
	47 Methylcyclohexane	55	4.875	4.876	(1.174)	266526	50.0000	46.6	
	48 1,2-Dichloropropane	63	4.912	4.908	(1.183)	164515	50.0000	47.4	
	49 Dibromomethane	93	5.008	5.010	(1.206)	71413	50.0000	47.8	
	50 1,4-Dioxane	88	5.013	5.015	(1.207)	12844	1000.00	953	
	51 Methyl methacrylate	69	5.029	5.026	(1.211)	75732	50.0000	46.4	
	52 Bromodichloromethane	83	5.232	5.234	(1.260)	203011	50.0000	46.5	
	53 2-Chloroethyl vinyl ether	63	5.590	5.587	(0.762)	83673	100.000	107	
	54 cis-1,3-Dichloropropene	75	5.734	5.731	(0.782)	249442	50.0000	48.9	
	55 4-Methyl-2-Pentanone	43	5.905	5.907	(0.805)	448203	250.000	241	
$	56 Toluene-d8 (S)	98	6.007	6.009	(0.819)	575053	50.0000	49.3	
	57 Toluene	91	6.082	6.083	(0.829)	673467	50.0000	45.9	
	58 trans-1,3-Dichloropropene	75	6.370	6.367	(0.868)	203689	50.0000	50.3	
	59 Ethyl Methacrylate	69	6.456	6.452	(0.880)	148611	50.0000	48.2	
	60 1,1,2-Trichloroethane	83	6.552	6.553	(0.893)	85228	50.0000	45.7	
	61 Tetrachloroethene	166	6.605	6.607	(0.900)	178975	50.0000	47.8	
	62 1,3-Dichloropropane	76	6.696	6.692	(0.913)	184040	50.0000	50.3	
	63 2-Hexanone	43	6.765	6.762	(0.922)	281315	250.000	253	
	64 Dibromochloromethane	129	6.877	6.879	(0.937)	128046	50.0000	49.2	
	65 1,2-Dibromoethane	107	6.963	6.965	(0.949)	98688	50.0000	50.1	
*	66 Chlorobenzene-D5 (IS)	117	7.337	7.333	(1.000)	388688	50.0000		
	67 Chlorobenzene	112	7.358	7.360	(1.003)	372265	50.0000	48.1	
	68 1,1,1,2-Tetrachloroethane	131	7.433	7.435	(1.013)	141769	50.0000	49.3	
	69 Ethylbenzene	106	7.438	7.440	(1.014)	220503	50.0000	43.7	
	70 m&p-Xylene	106	7.540	7.542	(1.028)	531678	100.000	91.8	
	71 o-Xylene	106	7.801	7.798	(1.063)	246214	50.0000	47.3	
	72 Styrene	104	7.817	7.814	(1.065)	405896	50.0000	44.2	
	73 Bromoform	173	7.935	7.937	(0.898)	62811	50.0000	51.2	
	74 Isopropylbenzene	105	8.047	8.044	(1.097)	645511	50.0000	48.0	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.156	(1.111)	164402	50.0000	51.4	
	76 Bromobenzene	77	8.234	8.236	(1.122)	198910	50.0000	48.1	
	77 1,1,2,2-Tetrachloroethane	83	8.250	8.247	(0.934)	92752	50.0000	49.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.266	8.268	(1.127)	22986	50.0000	51.1	
79	1,2,3-Trichloropropane	110	8.277	8.279	(0.937)	28958	50.0000	52.4	
80	n-Propylbenzene	91	8.304	8.305	(0.940)	677205	50.0000	48.3	
81	2-Chlorotoluene	91	8.352	8.353	(0.946)	379589	50.0000	47.4	
82	1,3,5-Trimethylbenzene	105	8.416	8.412	(0.953)	444221	50.0000	46.8	
83	4-Chlorotoluene	126	8.426	8.428	(0.954)	122164	50.0000	49.0	
84	tert-Butylbenzene	119	8.597	8.594	(0.973)	507650	50.0000	47.2	
85	1,2,4-Trimethylbenzene	105	8.629	8.631	(0.977)	424077	50.0000	47.0	
86	sec-Butylbenzene	105	8.720	8.722	(0.987)	573838	50.0000	48.0	
87	1,3-Dichlorobenzene	146	8.790	8.791	(0.995)	201441	50.0000	47.4	
88	p-Isopropyltoluene	119	8.806	8.807	(0.997)	448925	50.0000	47.2	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.834	(1.000)	129344	50.0000		
90	1,4-Dichlorobenzene	146	8.848	8.845	(1.002)	194936	50.0000	46.5	
91	n-Butylbenzene	91	9.025	9.026	(1.022)	376341	50.0000	45.9	
92	1,2-Dichlorobenzene	146	9.041	9.037	(1.024)	166808	50.0000	47.3	
93	1,2,4-Trichlorobenzene	180	9.863	9.854	(1.117)	113130	50.0000	46.5	
94	1,2-Dibromo-3-chloropropane	155	9.452	9.448	(1.070)	10849	50.0000	49.5	
95	Hexachlorobutadiene	225	9.927	9.918	(1.124)	75414	50.0000	46.7	
96	Naphthalene	128	10.002	9.993	(1.132)	231412	50.0000	46.7	
97	1,2,3-Trichlorobenzene	180	10.119	10.111	(1.146)	103381	50.0000	46.0	
98	2,methyl-naphthalene	142	10.638	10.623	(1.204)	150668	50.0000	48.3	
99	1-Methylnaphthalene	142	10.750	10.741	(1.217)	121661	50.0000	47.9	

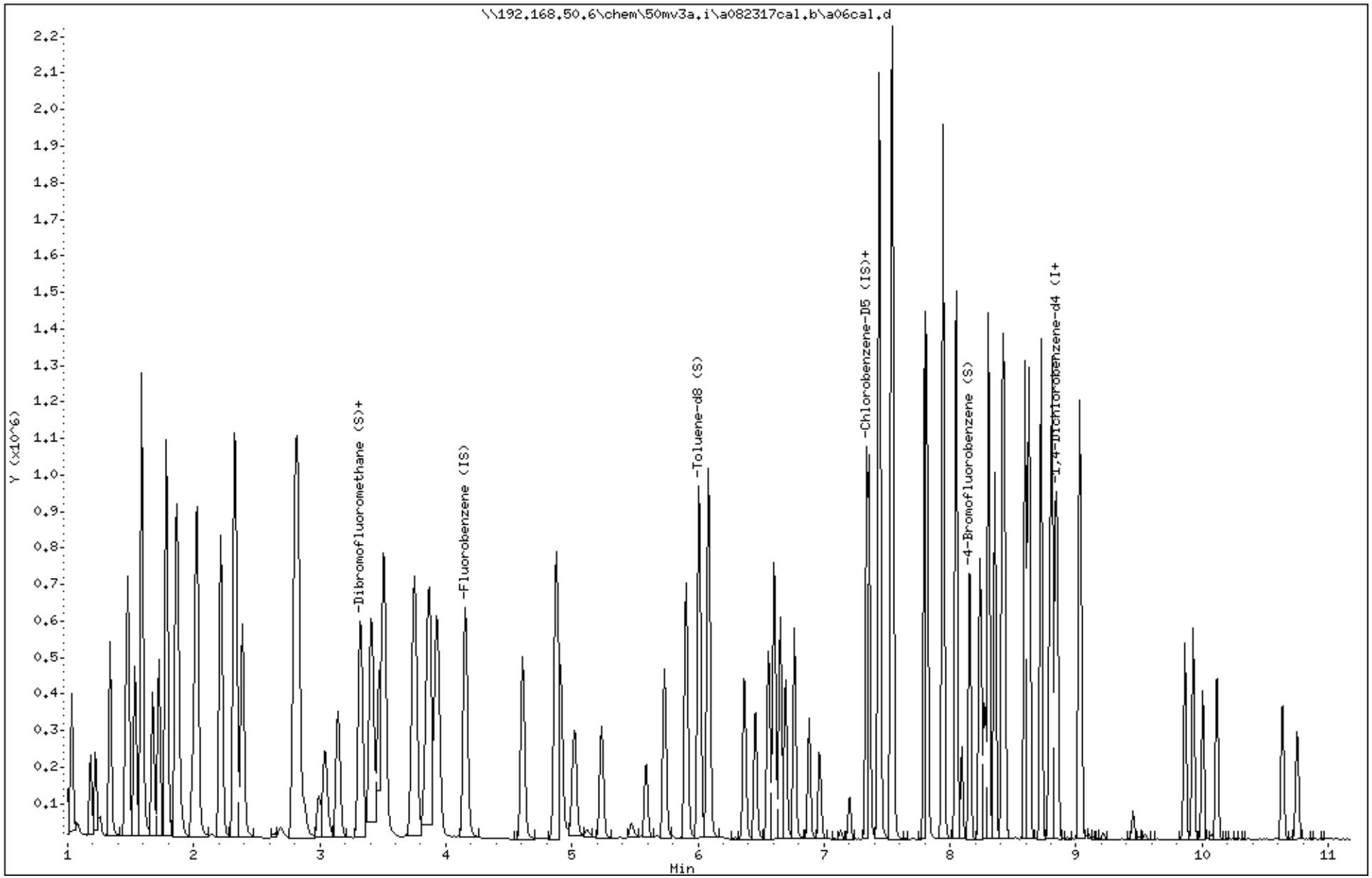
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
NI: Indicates that the peak was not integrated at all by the computer software.
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a06cal.d
Date : 23-AUG-2017 15:13
Client ID: 8260-CAL6
Instrument: 50mv3a.i
Sample Info: 8260-CAL6,156498:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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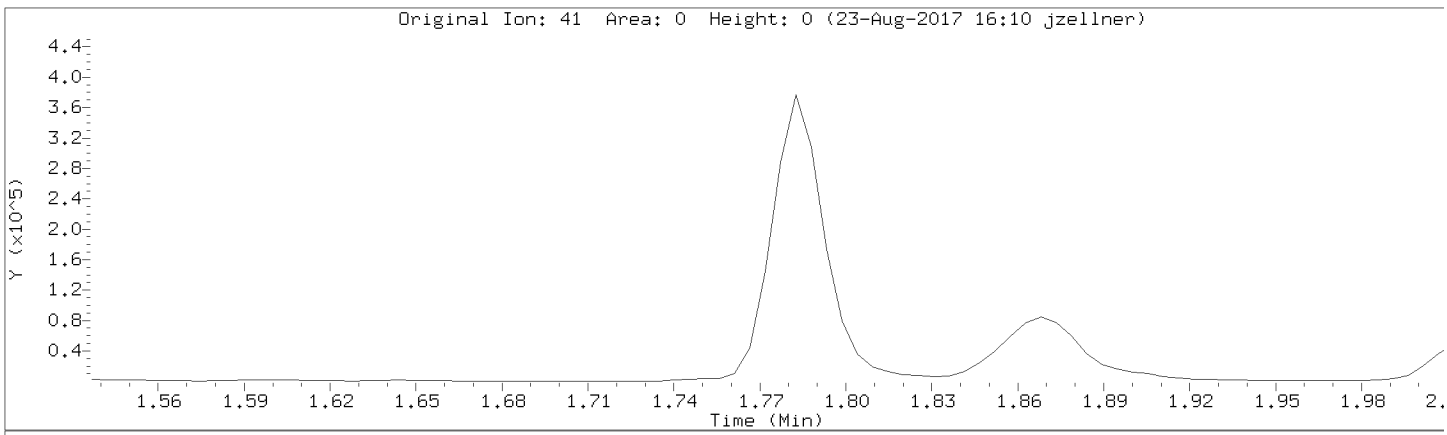
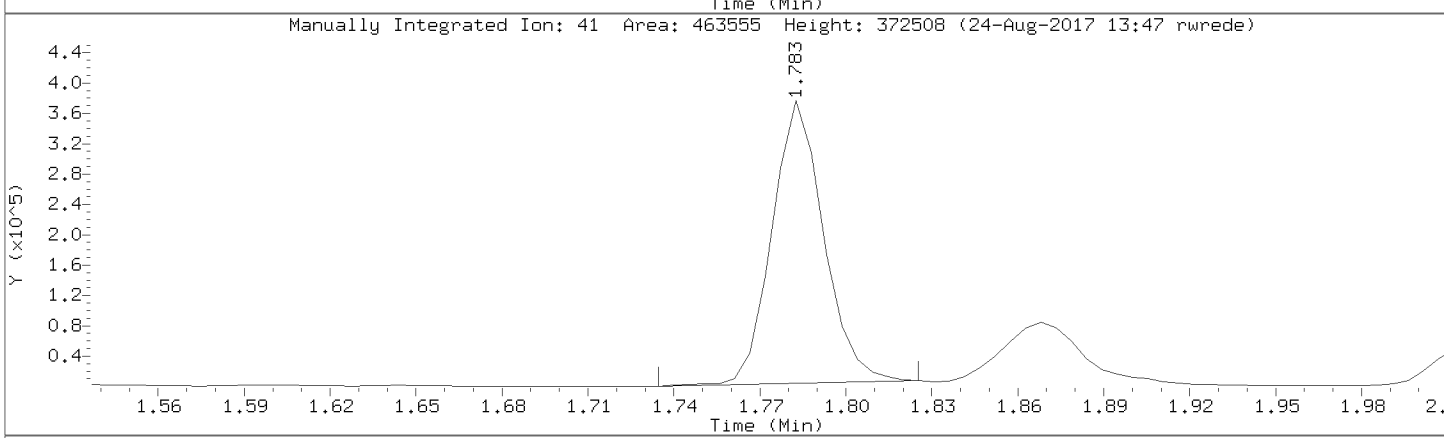
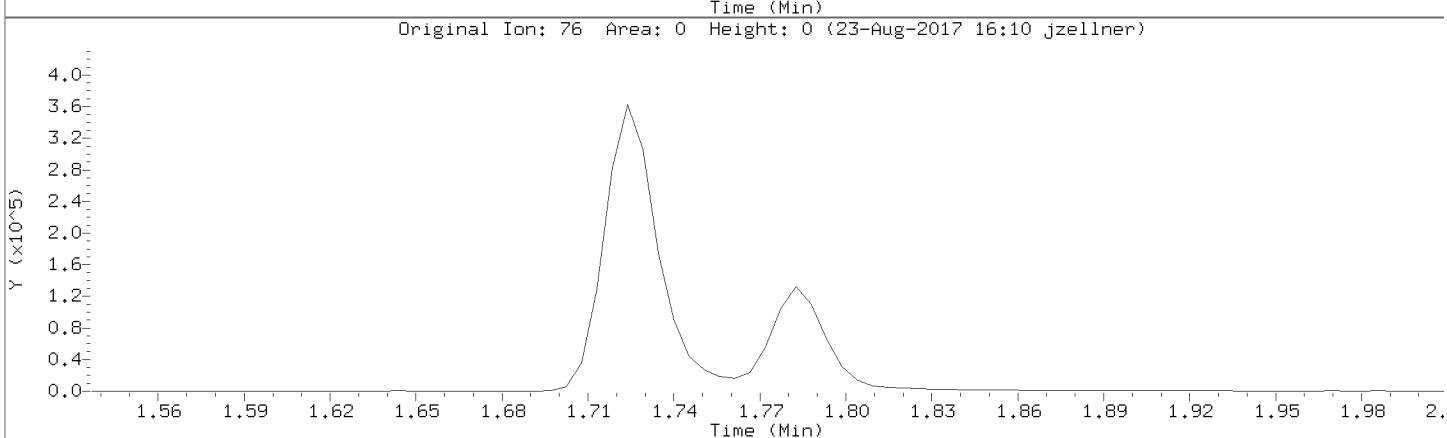
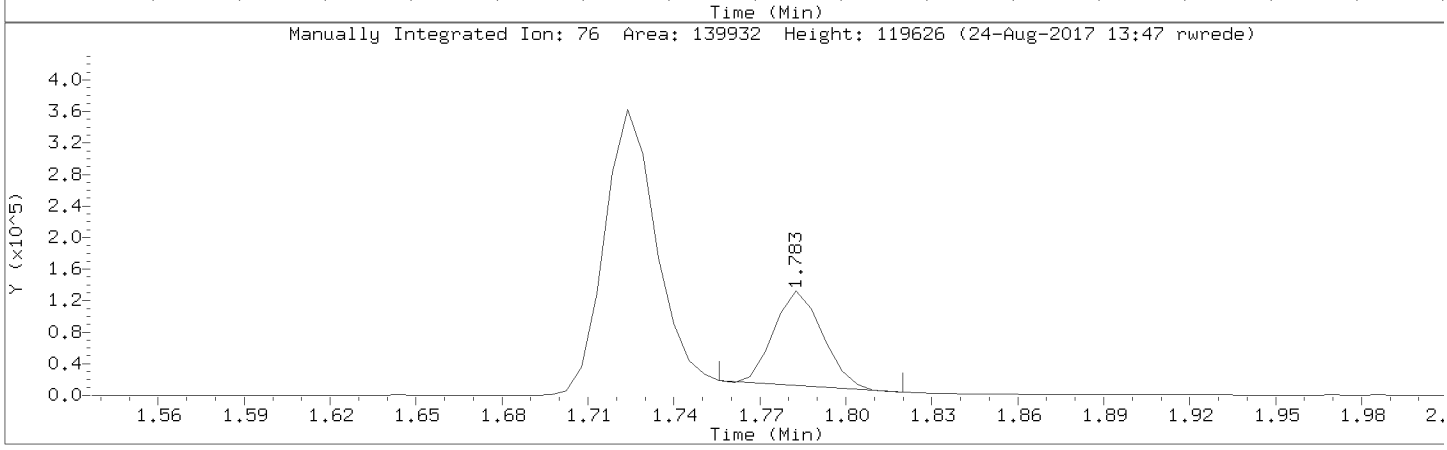
Injection Date: 23-AUG-2017 15:13
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: allyl chloride Review Code: NI
CAS Number: 107-05-1









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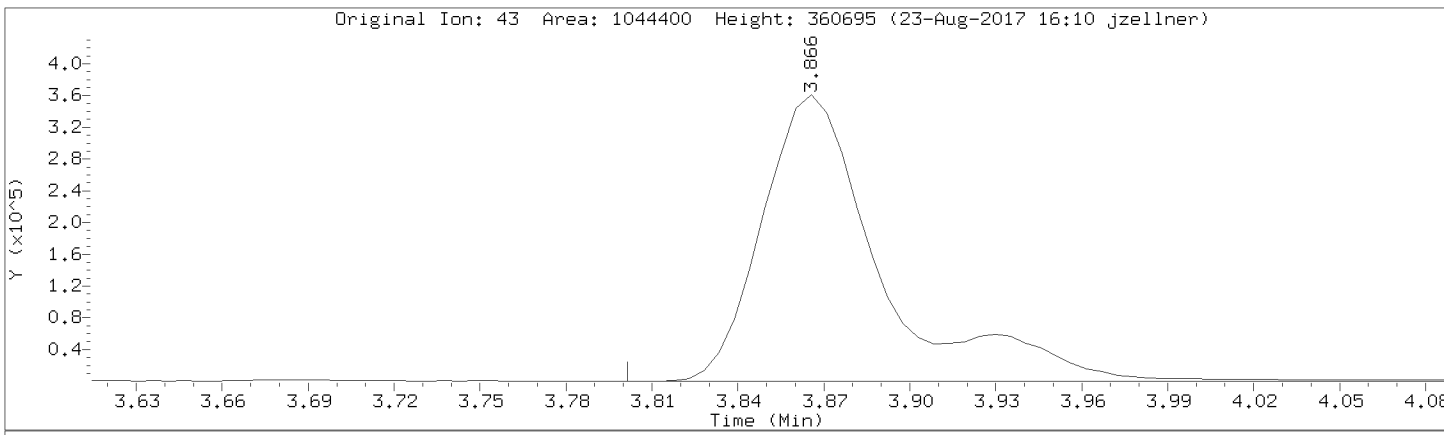
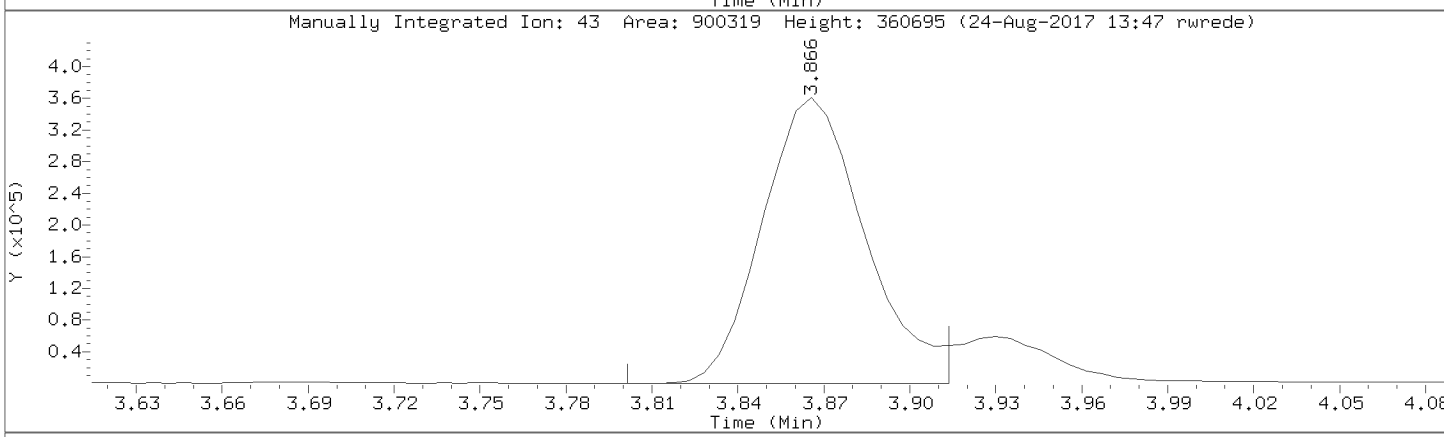
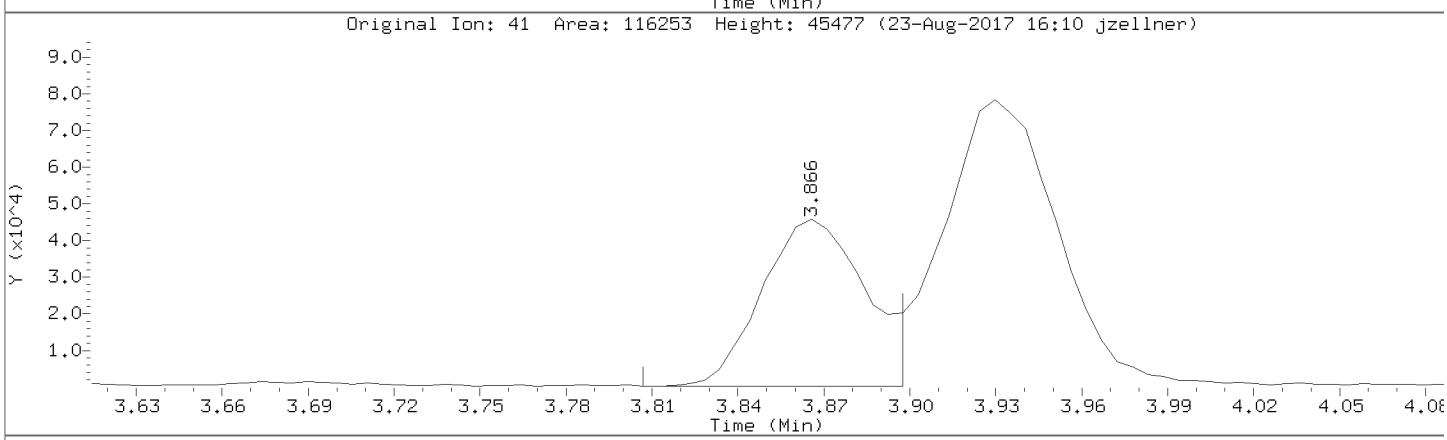
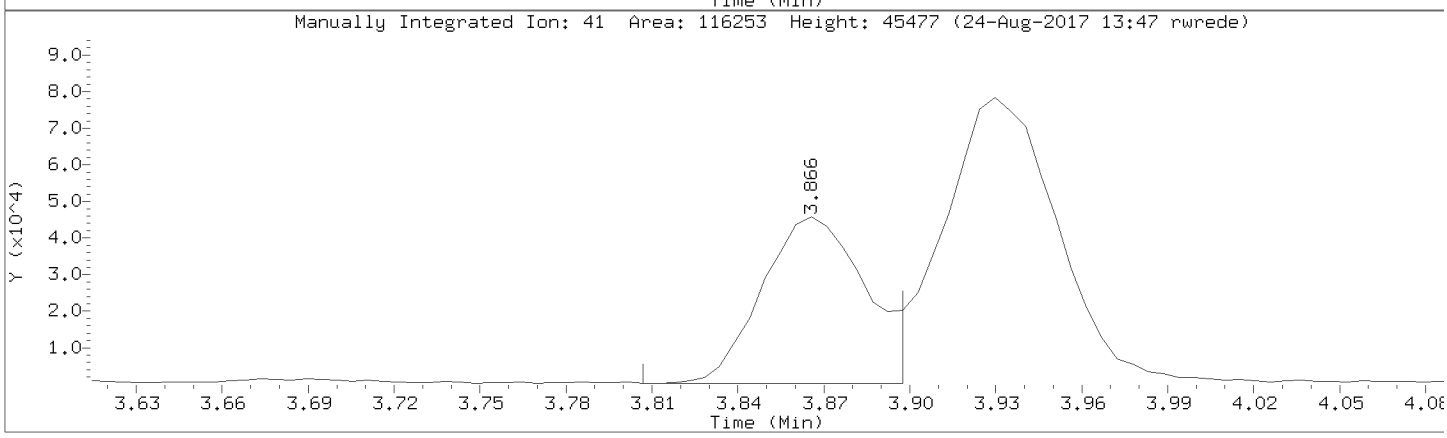
Injection Date: 23-AUG-2017 15:13
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1









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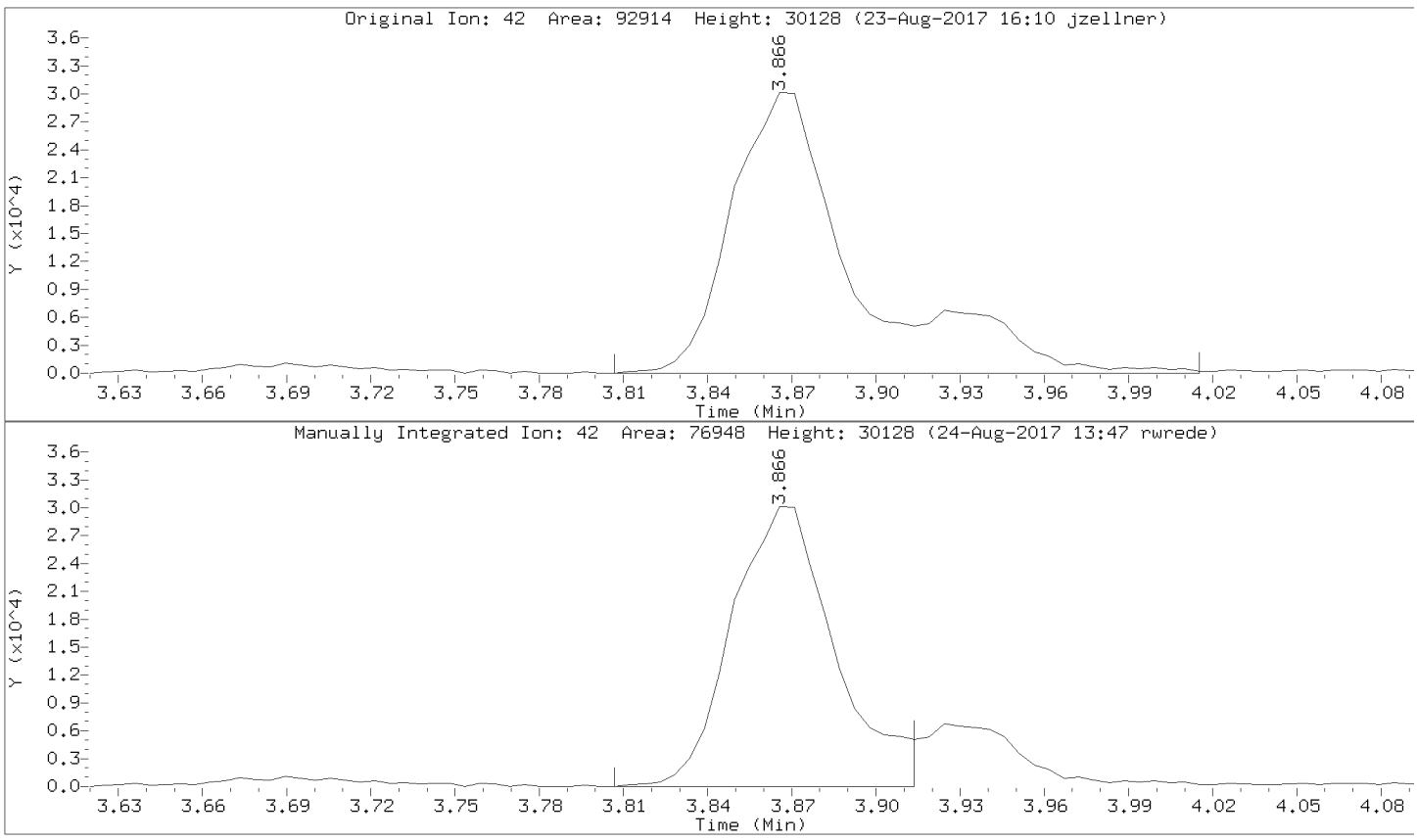
Injection Date: 23-AUG-2017 15:13
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL6,156498:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a07cal.d
Lab Smp Id: 8260-CAL7,156499:0 Client Smp ID: 8260-CAL7
Inj Date : 23-AUG-2017 15:45
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal7,156499:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 15:45 Cal File: a07cal.d
Als bottle: 15 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.903	0.903	(0.217)	458302	150.000	141	
2	Chloromethane	50	0.988	0.988	(0.238)	386550	150.000	137	
3	Vinyl Chloride	62	1.031	1.031	(0.248)	608064	150.000	144	
4	Bromomethane	94	1.175	1.180	(0.283)	273041	150.000	172	
5	Chloroethane	64	1.223	1.223	(0.294)	345455	150.000	138	
6	Trichlorofluoromethane	101	1.336	1.335	(0.321)	612555	150.000	119(M)	CO
7	Diethyl ether	74	1.458	1.458	(0.351)	285361	150.000	158	
8	1,2-dichlorotrifluoroethane	67	1.474	1.474	(0.355)	737898	150.000	156	
9	Acrolein	56	1.533	1.533	(0.369)	756784	3000.00	2680	
10	1,1,2trichlorotrifluoroethane	101	1.581	1.586	(0.381)	628836	150.000	160	
11	1,1-Dichloroethene	96	1.587	1.586	(0.382)	507574	150.000	155	
12	Acetone	43	1.597	1.597	(0.384)	320355	750.000	825	
13	Iodomethane	142	1.672	1.677	(0.402)	1059956	300.000	364	
14	Carbon Disulfide	76	1.725	1.725	(0.415)	1496580	150.000	145	
15	Methyl Acetate	43	1.768	1.768	(0.426)	206840	150.000	169	
16	allyl chloride	41	1.784	1.784	(0.429)	1492381	300.000	308	
17	Acetonitrile	39	1.784	1.784	(0.429)	1028753	150.000	147	
18	Methylene Chloride	84	1.859	1.859	(0.447)	446210	150.000	138	
19	Acrylonitrile	53	1.992	1.992	(0.480)	349353	600.000	653	
20	Methyl-tert-butyl ether	73	2.019	2.019	(0.486)	1332835	150.000	165	
21	tert-Butyl Alcohol	59	1.896	1.891	(0.456)	63424	300.000	302(Q)	
22	1,2-Dichloroethene (trans)	96	2.030	2.030	(0.489)	577009	150.000	164	
23	n-Hexane	57	2.211	2.211	(0.532)	1091245	150.000	151	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.324	2.318	(0.559)	2991028	600.000	619	
	25 1,1-Dichloroethane	63	2.334	2.334	(0.562)	1046762	150.000	165	
	26 Chloroprene	53	2.388	2.387	(0.575)	1010029	150.000	162	
	27 2-Butanone	72	2.788	2.788	(0.671)	149411	750.000	787	
	28 1,2-Dichloroethene (cis)	96	2.804	2.804	(0.675)	586510	150.000	158	
	29 2,2-Dichloropropane	77	2.815	2.809	(0.677)	901157	150.000	156	
	30 Propionitrile	54	2.847	2.841	(0.685)	33077	150.000	163(Q)	
	31 Methacrylonitrile	41	2.991	2.991	(0.720)	187645	150.000	152	
	32 Bromochloromethane	49	3.039	3.039	(0.731)	330743	150.000	146	
	33 Tetrahydrofuran	42	3.061	3.060	(0.737)	77336	150.000	141	
	34 Chloroform	83	3.146	3.146	(0.757)	923155	150.000	159	
$	35 Dibromofluoromethane (S)	113	3.322	3.322	(0.800)	145570	50.0000	49.3	
	36 1,1,1-Trichloroethane	97	3.322	3.322	(0.800)	888836	150.000	155	
	37 Cyclohexane	56	3.408	3.408	(0.820)	1033693	150.000	155	
	38 n-Butyl chloride	56	3.472	3.472	(0.836)	1206350	150.000	146	
	39 Carbon Tetrachloride	117	3.504	3.504	(0.843)	767452	150.000	156	
	40 1,1-Dichloropropene	75	3.515	3.514	(0.846)	793475	150.000	158	
	41 Benzene	78	3.755	3.749	(0.904)	2135514	150.000	160	
	42 1,2-Dichloroethane	62	3.840	3.835	(0.924)	559216	150.000	153	
	43 2,2,4-Trimethylpentane	57	3.931	3.931	(0.946)	2343660	150.000	165	
	44 Isobutyl alcohol	43	3.867	3.862	(0.931)	2652724	150.000	164(M)	CO
*	45 Fluorobenzene (IS)	96	4.156	4.155	(1.000)	597597	50.0000		
	46 Trichloroethene	95	4.610	4.604	(1.109)	532023	150.000	153	
	47 Methylcyclohexane	55	4.877	4.876	(1.173)	830691	150.000	158	
	48 1,2-Dichloropropane	63	4.909	4.908	(1.181)	496389	150.000	155	
	49 Dibromomethane	93	5.010	5.010	(1.206)	213808	150.000	155	
	50 1,4-Dioxane	88	5.010	5.015	(1.206)	39338	3000.00	3170	
	51 Methyl methacrylate	69	5.026	5.026	(1.209)	223921	150.000	149	
	52 Bromodichloromethane	83	5.235	5.234	(1.260)	612964	150.000	152	
	53 2-Chloroethyl vinyl ether	63	5.587	5.587	(0.761)	232441	300.000	342	
	54 cis-1,3-Dichloropropene	75	5.731	5.731	(0.781)	735633	150.000	166	
	55 4-Methyl-2-Pentanone	43	5.907	5.907	(0.805)	1307425	750.000	806	
$	56 Toluene-d8 (S)	98	6.009	6.009	(0.819)	525541	50.0000	51.8	
	57 Toluene	91	6.084	6.083	(0.829)	2043052	150.000	160	
	58 trans-1,3-Dichloropropene	75	6.367	6.367	(0.868)	591230	150.000	168	
	59 Ethyl Methacrylate	69	6.452	6.452	(0.879)	439463	150.000	164	
	60 1,1,2-Trichloroethane	83	6.554	6.553	(0.893)	246937	150.000	152	
	61 Tetrachloroethene	166	6.607	6.607	(0.900)	544609	150.000	167	
	62 1,3-Dichloropropane	76	6.698	6.692	(0.913)	518284	150.000	163	
	63 2-Hexanone	43	6.767	6.762	(0.922)	799094	750.000	827	
	64 Dibromochloromethane	129	6.880	6.879	(0.937)	363540	150.000	160	
	65 1,2-Dibromoethane	107	6.965	6.965	(0.949)	275487	150.000	161	
*	66 Chlorobenzene-D5 (IS)	117	7.339	7.333	(1.000)	338475	50.0000		
	67 Chlorobenzene	112	7.360	7.360	(1.003)	1085347	150.000	161	
	68 1,1,1,2-Tetrachloroethane	131	7.435	7.435	(1.013)	400457	150.000	160	
	69 Ethylbenzene	106	7.440	7.440	(1.014)	623273	150.000	142	
	70 m&p-Xylene	106	7.542	7.542	(1.028)	1494851	300.000	296	
	71 o-Xylene	106	7.804	7.798	(1.063)	666435	150.000	147	
	72 Styrene	104	7.820	7.814	(1.065)	1115806	150.000	139	
	73 Bromoform	173	7.937	7.937	(0.898)	167597	150.000	162	
	74 Isopropylbenzene	105	8.049	8.044	(1.097)	1769040	150.000	151	
$	75 4-Bromofluorobenzene (S)	95	8.156	8.156	(1.111)	132923	50.0000	47.7	
	76 Bromobenzene	77	8.236	8.236	(1.122)	545865	150.000	152	
	77 1,1,2,2-Tetrachloroethane	83	8.252	8.247	(0.934)	243699	150.000	155	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.268	8.268	(1.127)	60399	150.000	154(H)	WP
79	1,2,3-Trichloropropane	110	8.279	8.279	(0.937)	73608	150.000	158	
80	n-Propylbenzene	91	8.306	8.305	(0.940)	1854588	150.000	156	
81	2-Chlorotoluene	91	8.354	8.353	(0.946)	1030775	150.000	152	
82	1,3,5-Trimethylbenzene	105	8.412	8.412	(0.952)	1214515	150.000	151	
83	4-Chlorotoluene	126	8.428	8.428	(0.954)	333749	150.000	158	
84	tert-Butylbenzene	119	8.594	8.594	(0.973)	1362116	150.000	150	
85	1,2,4-Trimethylbenzene	105	8.631	8.631	(0.977)	1150740	150.000	151	
86	sec-Butylbenzene	105	8.722	8.722	(0.987)	1560765	150.000	154	
87	1,3-Dichlorobenzene	146	8.792	8.791	(0.995)	571210	150.000	159	
88	p-Isopropyltoluene	119	8.808	8.807	(0.997)	1249836	150.000	156	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.834	(1.000)	109336	50.0000	(Q)	
90	1,4-Dichlorobenzene	146	8.845	8.845	(1.001)	557392	150.000	157	
91	n-Butylbenzene	91	9.027	9.026	(1.022)	1095580	150.000	158	
92	1,2-Dichlorobenzene	146	9.037	9.037	(1.023)	484088	150.000	162	
93	1,2,4-Trichlorobenzene	180	9.855	9.854	(1.115)	361048	150.000	176	
94	1,2-Dibromo-3-chloropropane	155	9.449	9.448	(1.070)	32074	150.000	173	
95	Hexachlorobutadiene	225	9.919	9.918	(1.123)	238572	150.000	175	
96	Naphthalene	128	9.999	9.993	(1.132)	711169	150.000	170	
97	1,2,3-Trichlorobenzene	180	10.111	10.111	(1.144)	331881	150.000	175	
98	2,methyl-naphthalene	142	10.629	10.623	(1.203)	460619	150.000	175	
99	1-Methylnaphthalene	142	10.741	10.741	(1.216)	366590	150.000	171	

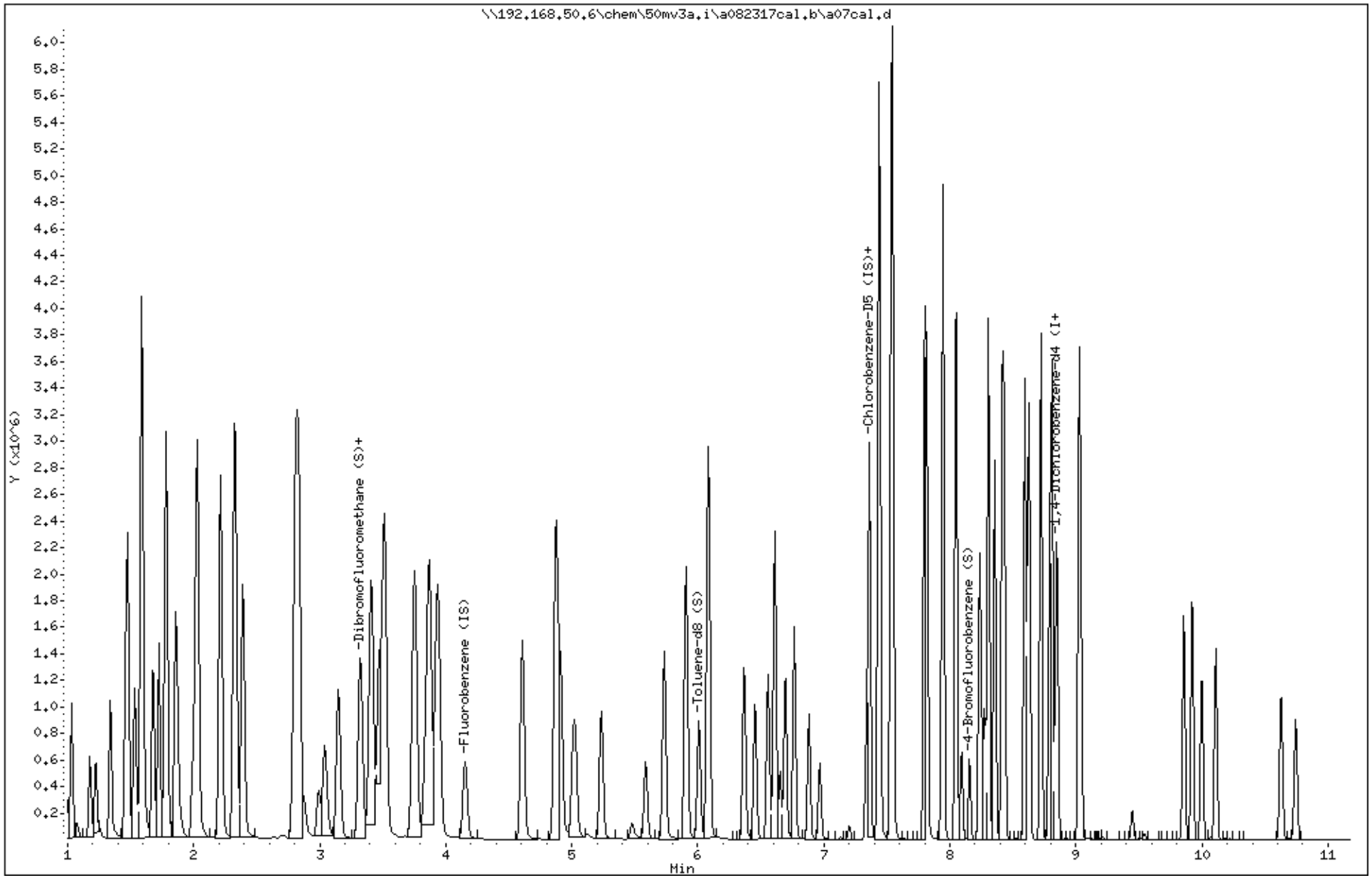
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a07cal.d
Date : 23-AUG-2017 15:45
Client ID: 8260-CAL7
Instrument: 50mv3a.i
Sample Info: 8260-CAL7,156499:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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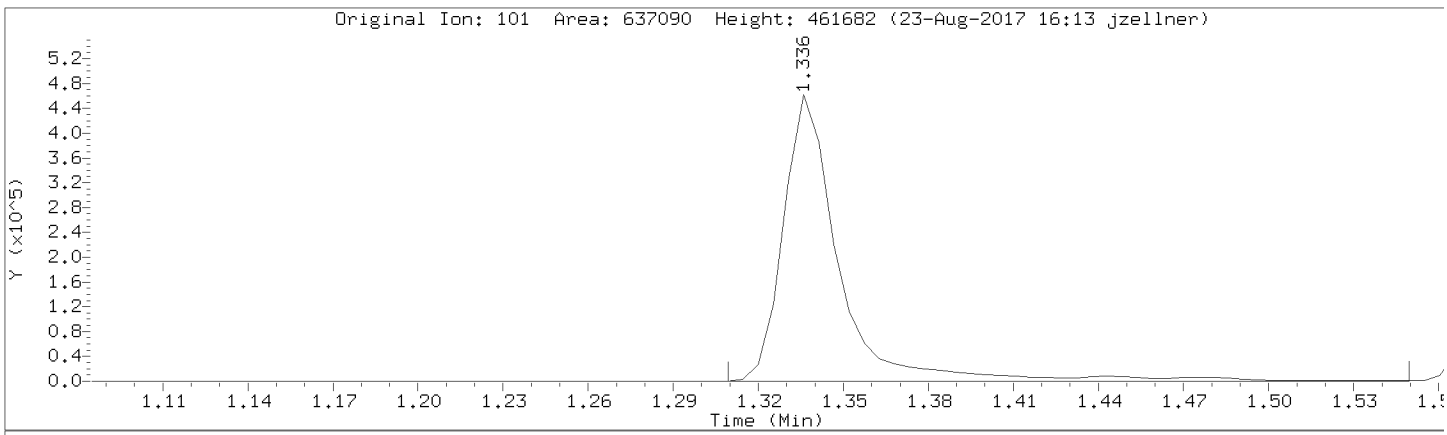
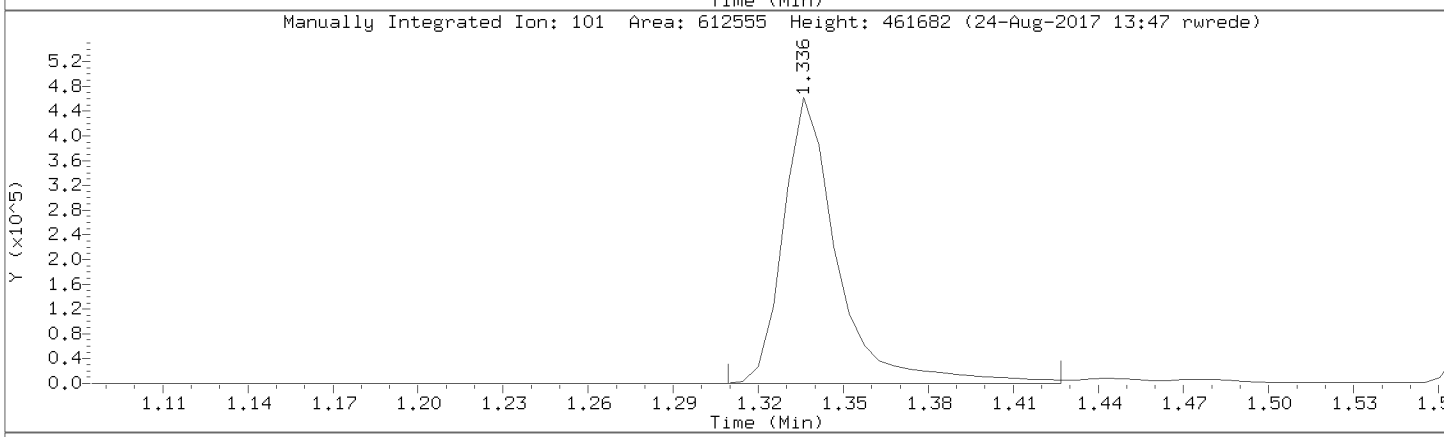
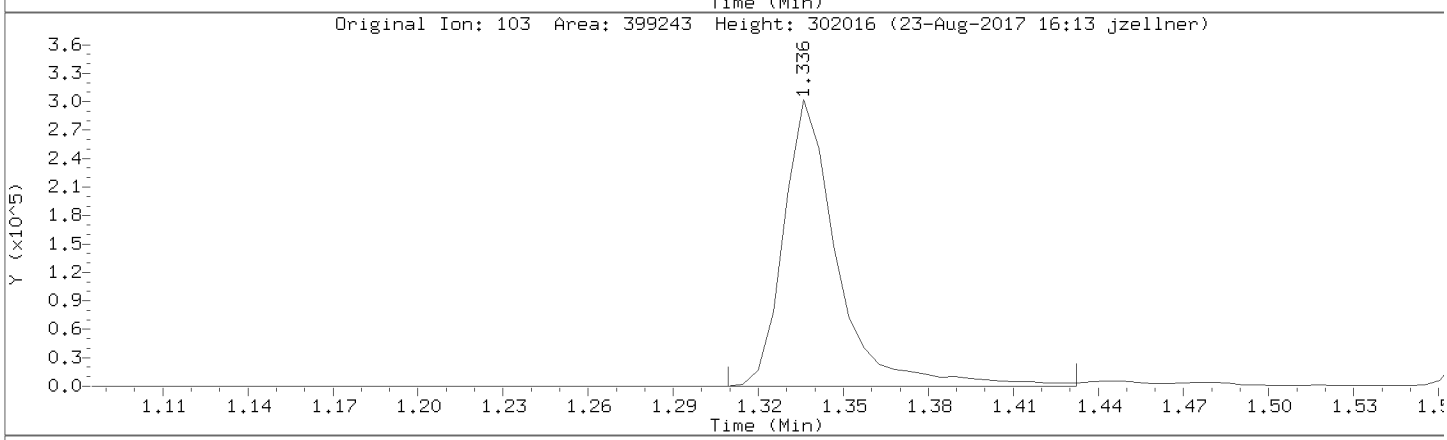
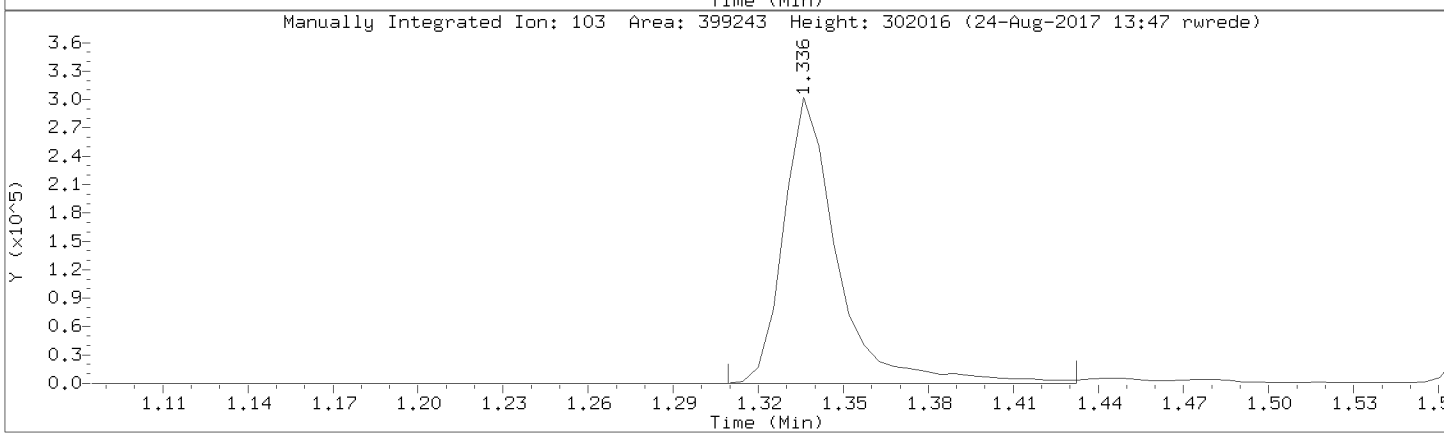
Injection Date: 23-AUG-2017 15:45
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL7,156499:0

Compound: Trichlorofluoromethane Review Code: CO
CAS Number: 75-69-4









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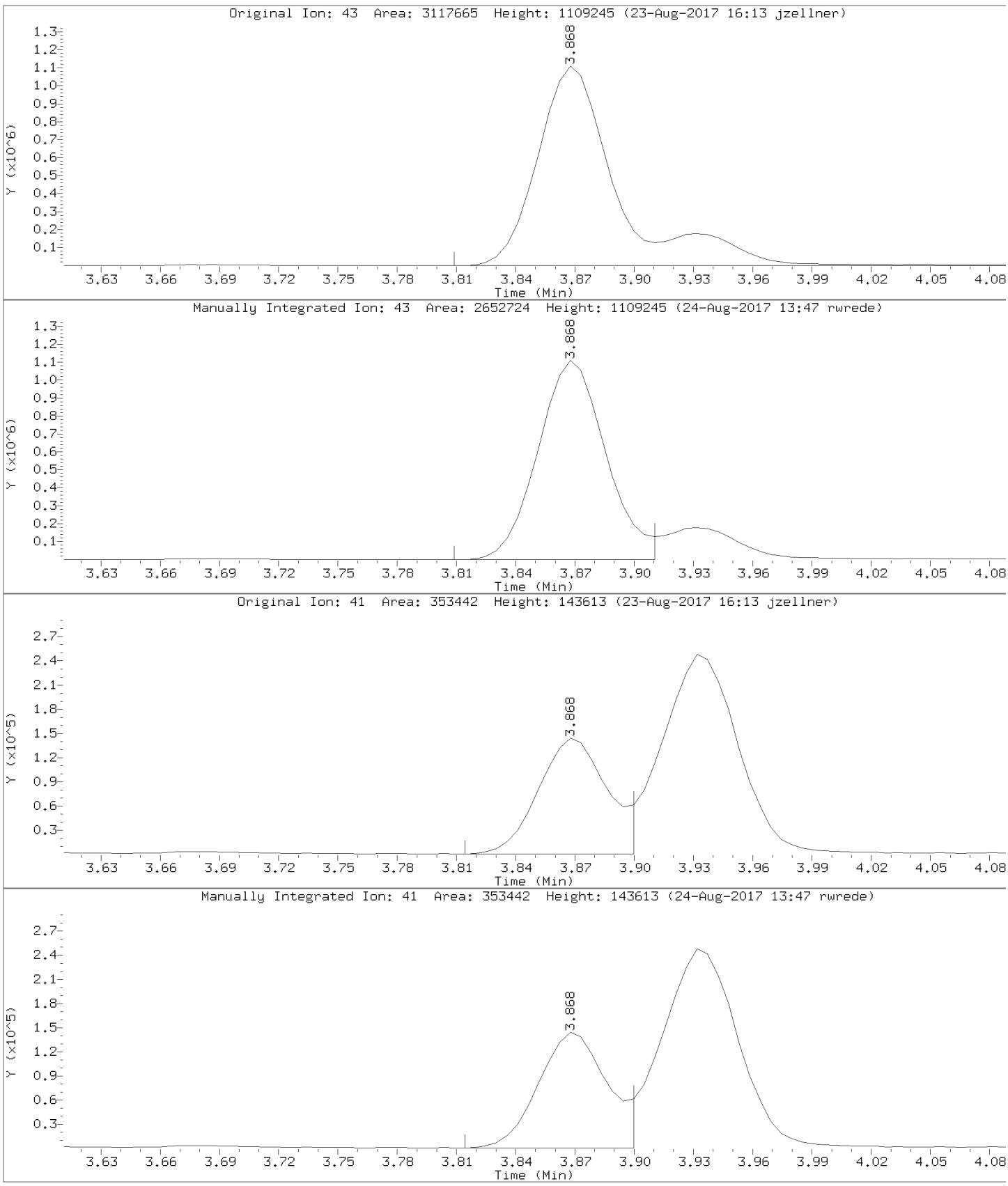
Injection Date: 23-AUG-2017 15:45
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL7,156499:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1



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Injection Date: 23-AUG-2017 15:45
Instrument: 50mv3a.i
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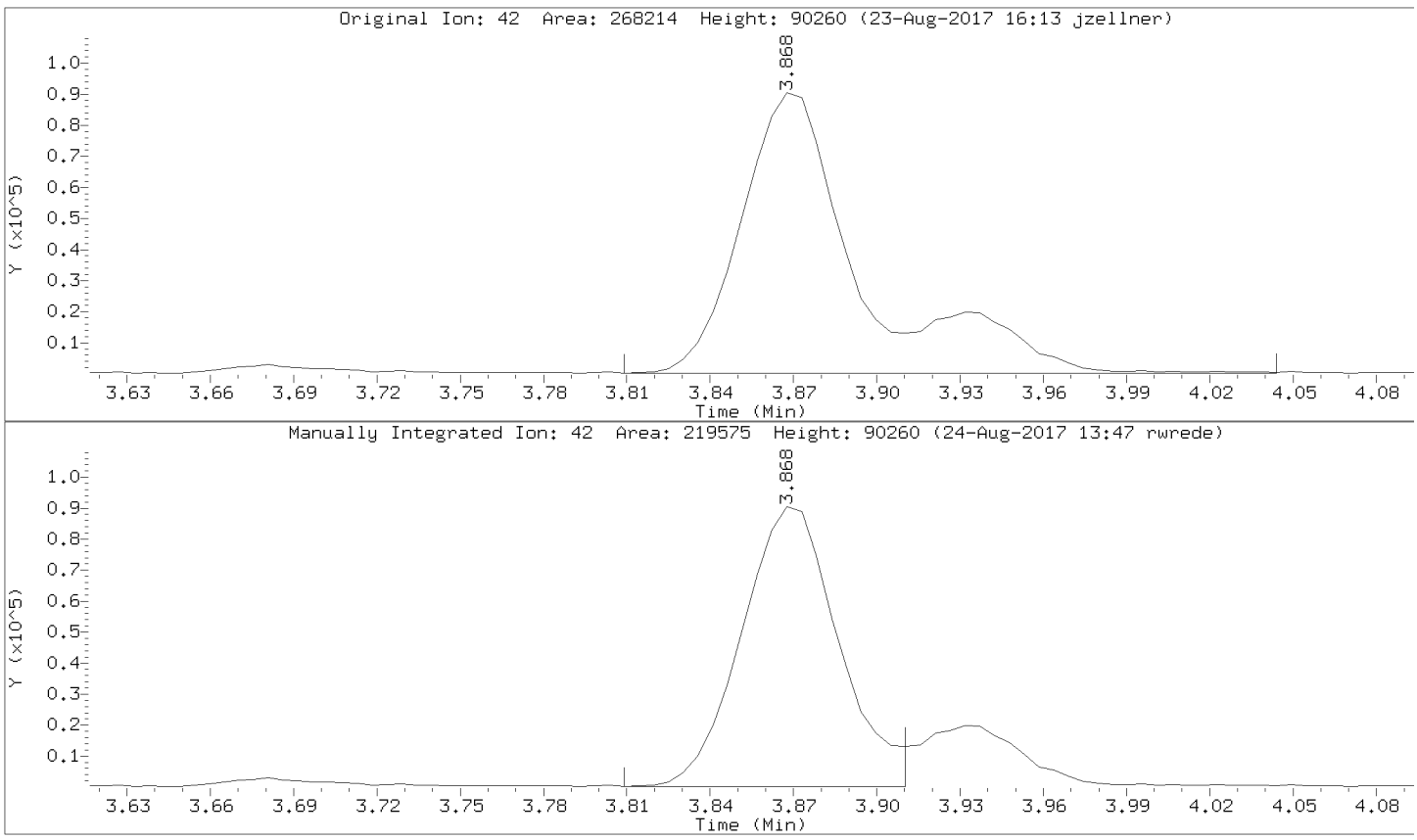


Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a08cal.d
Lab Smp Id: 8260-CAL8,156500:0 Client Smp ID: 8260-CAL8
Inj Date : 23-AUG-2017 16:17
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-cal8,156500:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 17 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.903	0.903	(0.218)	885055	300.000	282	
2	Chloromethane	50	0.989	0.988	(0.238)	793801	300.000	292	
3	Vinyl Chloride	62	1.032	1.031	(0.249)	1171752	300.000	288	
4	Bromomethane	94	1.170	1.180	(0.282)	483967	300.000	317	
5	Chloroethane	64	1.219	1.223	(0.294)	639641	300.000	266	
6	Trichlorofluoromethane	101	1.331	1.335	(0.321)	1050159	300.000	213(M)	CO
7	Diethyl ether	74	1.459	1.458	(0.352)	532505	300.000	307	
8	1,2-dichlorotrifluoroethane	67	1.475	1.474	(0.355)	1243115	300.000	273	
9	Acrolein	56	1.528	1.533	(0.368)	1461915	6000.00	5380	
10	1,1,2trichlorotrifluoroethane	101	1.582	1.586	(0.381)	1133752	300.000	300	
11	1,1-Dichloroethene	96	1.587	1.586	(0.382)	812871	300.000	258	
12	Acetone	43	1.598	1.597	(0.385)	539325	1500.00	1460	
13	Iodomethane	142	1.673	1.677	(0.403)	1879938	600.000	672	
14	Carbon Disulfide	76	1.721	1.725	(0.415)	2656337	300.000	267	
15	Methyl Acetate	43	1.769	1.768	(0.426)	381456	300.000	324	
16	allyl chloride	41	1.779	1.784	(0.429)	2358917	600.000	507	
17	Acetonitrile	39	1.779	1.784	(0.429)	1607772	300.000	240(M)	CO
18	Methylene Chloride	84	1.854	1.859	(0.447)	789180	300.000	253	
19	Acrylonitrile	53	1.993	1.992	(0.480)	625287	1200.00	1220	
20	Methyl-tert-butyl ether	73	2.020	2.019	(0.487)	2414912	300.000	312	
21	tert-Butyl Alcohol	59	1.897	1.891	(0.457)	101423	600.000	506(Q)	
22	1,2-Dichloroethene (trans)	96	2.025	2.030	(0.488)	1038570	300.000	308	
23	n-Hexane	57	2.212	2.211	(0.533)	1983169	300.000	286	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.324	2.318	(0.560)	5845328	1200.00	1260	
	25 1,1-Dichloroethane	63	2.329	2.334	(0.561)	1898594	300.000	311	
	26 Chloroprene	53	2.388	2.387	(0.575)	1816818	300.000	303	
	27 2-Butanone	72	2.794	2.788	(0.673)	260697	1500.00	1430	
	28 1,2-Dichloroethene (cis)	96	2.805	2.804	(0.676)	1065597	300.000	299	
	29 2,2-Dichloropropane	77	2.810	2.809	(0.677)	1613220	300.000	291	
	30 Propionitrile	54	2.848	2.841	(0.686)	58023	300.000	295(Q)	
	31 Methacrylonitrile	41	2.992	2.991	(0.721)	340082	300.000	288	
	32 Bromochloromethane	49	3.040	3.039	(0.732)	568393	300.000	261	
	33 Tetrahydrofuran	42	3.056	3.060	(0.736)	144721	300.000	275	
	34 Chloroform	83	3.147	3.146	(0.758)	1656018	300.000	296	
$	35 Dibromofluoromethane (S)	113	3.323	3.322	(0.801)	139557	50.0000	49.2	
	36 1,1,1-Trichloroethane	97	3.323	3.322	(0.801)	1594695	300.000	289	
	37 Cyclohexane	56	3.408	3.408	(0.821)	1885858	300.000	294	
	38 n-Butyl chloride	56	3.472	3.472	(0.837)	2186862	300.000	275	
	39 Carbon Tetrachloride	117	3.504	3.504	(0.844)	1372647	300.000	291	
	40 1,1-Dichloropropene	75	3.515	3.514	(0.847)	1423106	300.000	294	
	41 Benzene	78	3.756	3.749	(0.905)	3870669	300.000	302	
	42 1,2-Dichloroethane	62	3.841	3.835	(0.925)	999693	300.000	285	
	43 2,2,4-Trimethylpentane	57	3.937	3.931	(0.949)	4319462	300.000	316	
	44 Isobutyl alcohol	43	3.873	3.862	(0.933)	4681580	300.000	302(M)	CO
*	45 Fluorobenzene (IS)	96	4.151	4.155	(1.000)	574349	50.0000		
	46 Trichloroethene	95	4.610	4.604	(1.111)	949346	300.000	285	
	47 Methylcyclohexane	55	4.877	4.876	(1.175)	1494713	300.000	295	
	48 1,2-Dichloropropane	63	4.915	4.908	(1.184)	892787	300.000	291	
	49 Dibromomethane	93	5.011	5.010	(1.207)	384157	300.000	290	
	50 1,4-Dioxane	88	5.011	5.015	(1.207)	71100	6000.00	5960	
	51 Methyl methacrylate	69	5.027	5.026	(1.211)	406796	300.000	281	
	52 Bromodichloromethane	83	5.235	5.234	(1.261)	1092229	300.000	283	
	53 2-Chloroethyl vinyl ether	63	5.588	5.587	(0.762)	401038	600.000	642	
	54 cis-1,3-Dichloropropene	75	5.732	5.731	(0.782)	1305174	300.000	320	
	55 4-Methyl-2-Pentanone	43	5.908	5.907	(0.806)	2206059	1500.00	1480	
$	56 Toluene-d8 (S)	98	6.009	6.009	(0.819)	493685	50.0000	52.9	
	57 Toluene	91	6.084	6.083	(0.830)	3605121	300.000	307	
	58 trans-1,3-Dichloropropene	75	6.367	6.367	(0.868)	1017779	300.000	314	
	59 Ethyl Methacrylate	69	6.453	6.452	(0.880)	748997	300.000	303	
	60 1,1,2-Trichloroethane	83	6.554	6.553	(0.894)	414690	300.000	278	
	61 Tetrachloroethene	166	6.608	6.607	(0.901)	931234	300.000	311	
	62 1,3-Dichloropropane	76	6.693	6.692	(0.913)	876832	300.000	300	
	63 2-Hexanone	43	6.768	6.762	(0.923)	1346868	1500.00	1520	
	64 Dibromochloromethane	129	6.880	6.879	(0.938)	606838	300.000	292	
	65 1,2-Dibromoethane	107	6.965	6.965	(0.950)	455907	300.000	290	
*	66 Chlorobenzene-D5 (IS)	117	7.334	7.333	(1.000)	310866	50.0000		
	67 Chlorobenzene	112	7.361	7.360	(1.004)	1832691	300.000	296	
	68 1,1,1,2-Tetrachloroethane	131	7.436	7.435	(1.014)	648510	300.000	282	
	69 Ethylbenzene	106	7.446	7.440	(1.015)	1020571	300.000	253	
	70 m&p-Xylene	106	7.542	7.542	(1.028)	2422729	600.000	523	
	71 o-Xylene	106	7.804	7.798	(1.064)	1092847	300.000	262	
	72 Styrene	104	7.820	7.814	(1.066)	1811627	300.000	247	
	73 Bromoform	173	7.938	7.937	(0.898)	273093	300.000	279	
	74 Isopropylbenzene	105	8.050	8.044	(1.098)	2849389	300.000	265	
$	75 4-Bromofluorobenzene (S)	95	8.157	8.156	(1.112)	117518	50.0000	46.0	
	76 Bromobenzene	77	8.237	8.236	(1.123)	917434	300.000	277	
	77 1,1,2,2-Tetrachloroethane	83	8.253	8.247	(0.934)	392995	300.000	264	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.269	8.268	(1.127)	97814	300.000	272(H)	WP
79	1,2,3-Trichloropropane	110	8.279	8.279	(0.937)	117898	300.000	268	
80	n-Propylbenzene	91	8.306	8.305	(0.940)	3015942	300.000	270	
81	2-Chlorotoluene	91	8.354	8.353	(0.946)	1724323	300.000	270	
82	1,3,5-Trimethylbenzene	105	8.418	8.412	(0.953)	2065587	300.000	273	
83	4-Chlorotoluene	126	8.429	8.428	(0.954)	558757	300.000	281	
84	tert-Butylbenzene	119	8.600	8.594	(0.973)	2336921	300.000	272	
85	1,2,4-Trimethylbenzene	105	8.632	8.631	(0.977)	2013842	300.000	280	
86	sec-Butylbenzene	105	8.723	8.722	(0.987)	2708810	300.000	284	
87	1,3-Dichlorobenzene	146	8.792	8.791	(0.995)	1011862	300.000	299	
88	p-Isopropyltoluene	119	8.808	8.807	(0.997)	2231763	300.000	294	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.834	(1.000)	103156	50.0000	(Q)	
90	1,4-Dichlorobenzene	146	8.851	8.845	(1.002)	999774	300.000	299	
91	n-Butylbenzene	91	9.027	9.026	(1.022)	2012225	300.000	308	
92	1,2-Dichlorobenzene	146	9.038	9.037	(1.023)	899653	300.000	320	
93	1,2,4-Trichlorobenzene	180	9.855	9.854	(1.115)	684660	300.000	353	
94	1,2-Dibromo-3-chloropropane	155	9.449	9.448	(1.070)	59301	300.000	339	
95	Hexachlorobutadiene	225	9.924	9.918	(1.123)	448214	300.000	348	
96	Naphthalene	128	9.999	9.993	(1.132)	1363054	300.000	345	
97	1,2,3-Trichlorobenzene	180	10.111	10.111	(1.144)	619431	300.000	346	
98	2,methyl-naphthalene	142	10.629	10.623	(1.203)	852809	300.000	343	
99	1-Methylnaphthalene	142	10.742	10.741	(1.216)	671077	300.000	331	

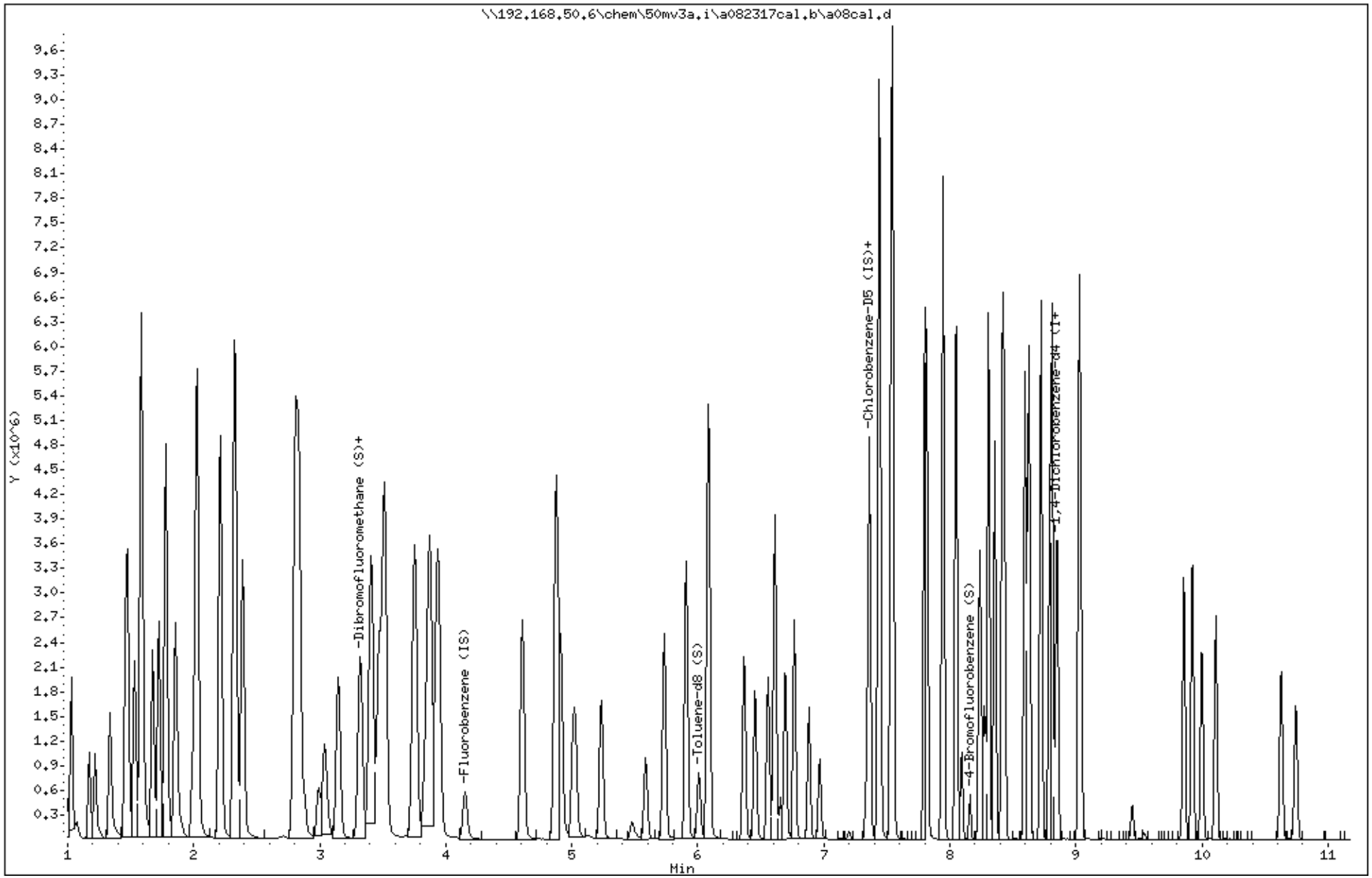
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

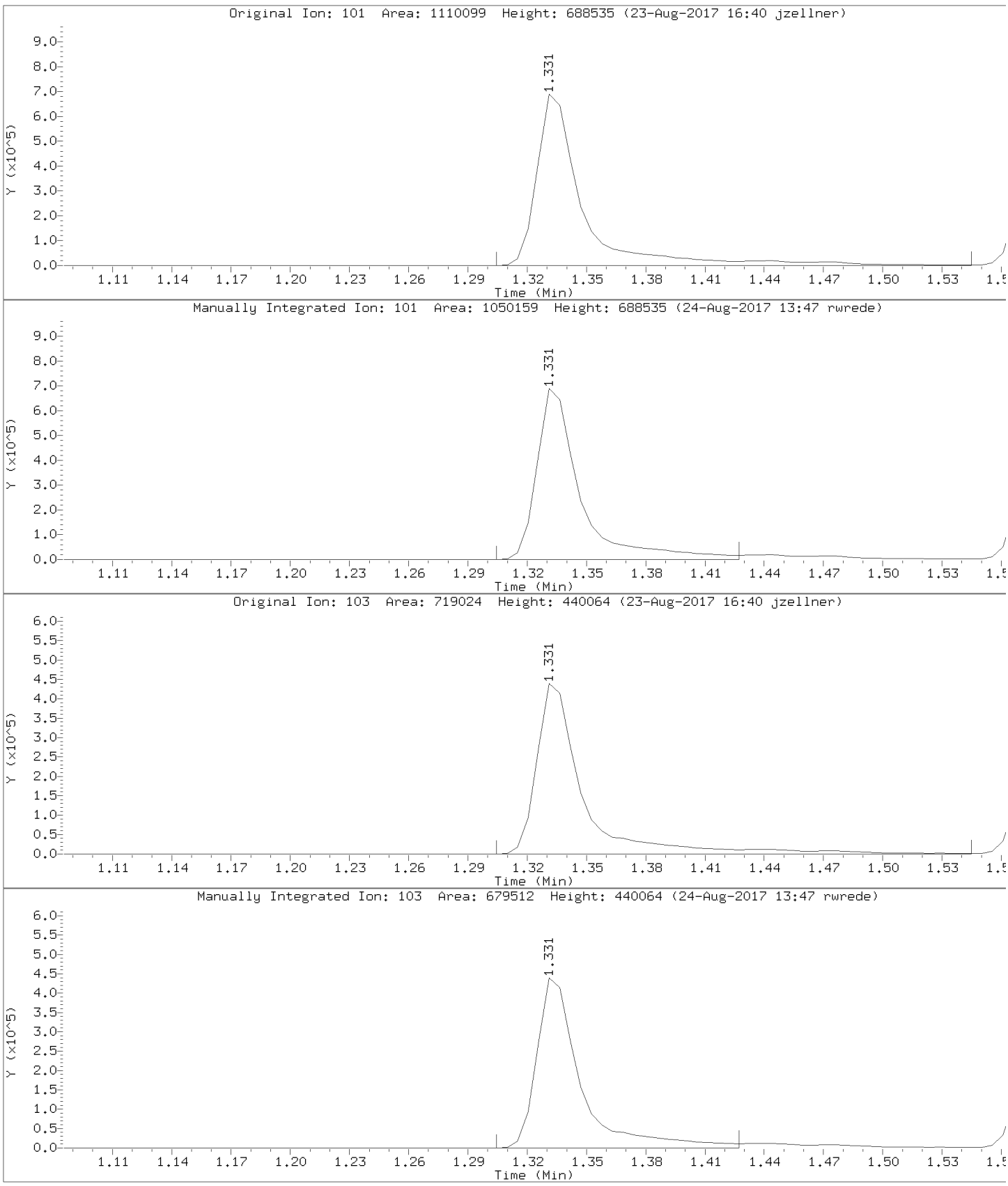
:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a08cal.d
Date : 23-AUG-2017 16:17
Client ID: 8260-CAL8
Instrument: 50mv3a.i
Sample Info: 8260-CAL8,156500:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b/a08cal.d
Injection Date: 23-AUG-2017 16:17
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL8,156500:0

Compound: Trichlorofluoromethane Review Code: CO
CAS Number: 75-69-4



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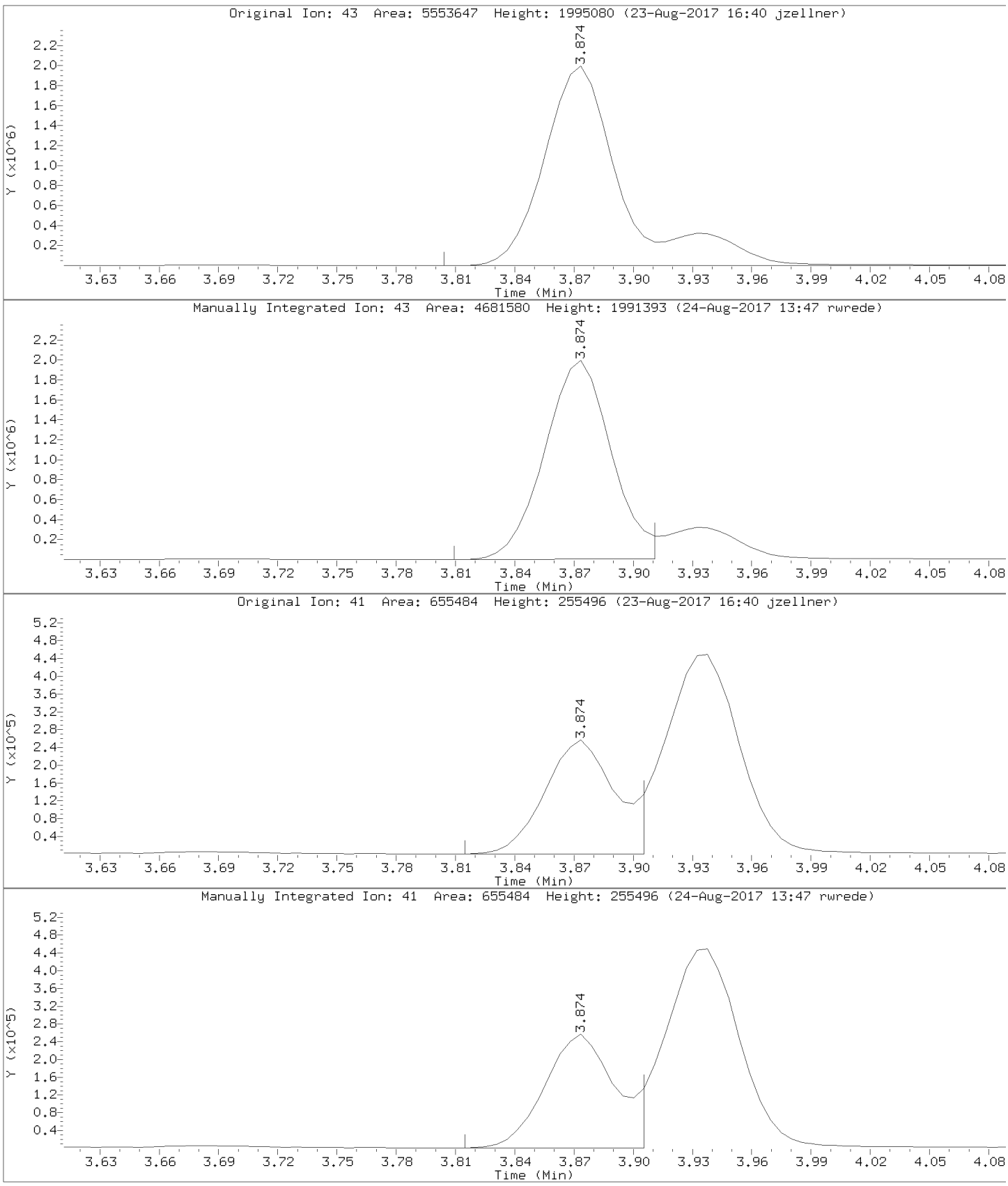
Injection Date: 23-AUG-2017 16:17
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL8,156500:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1



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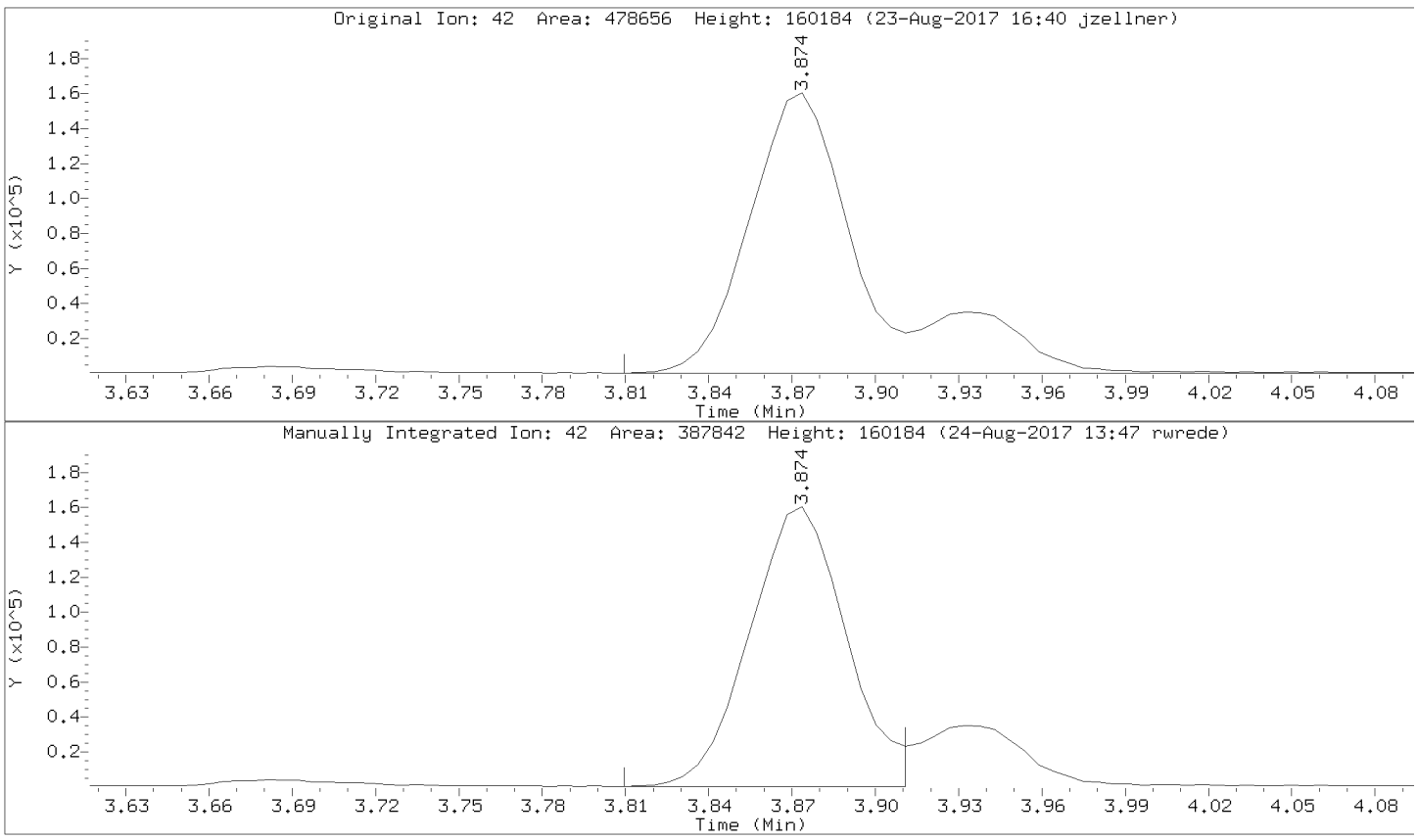
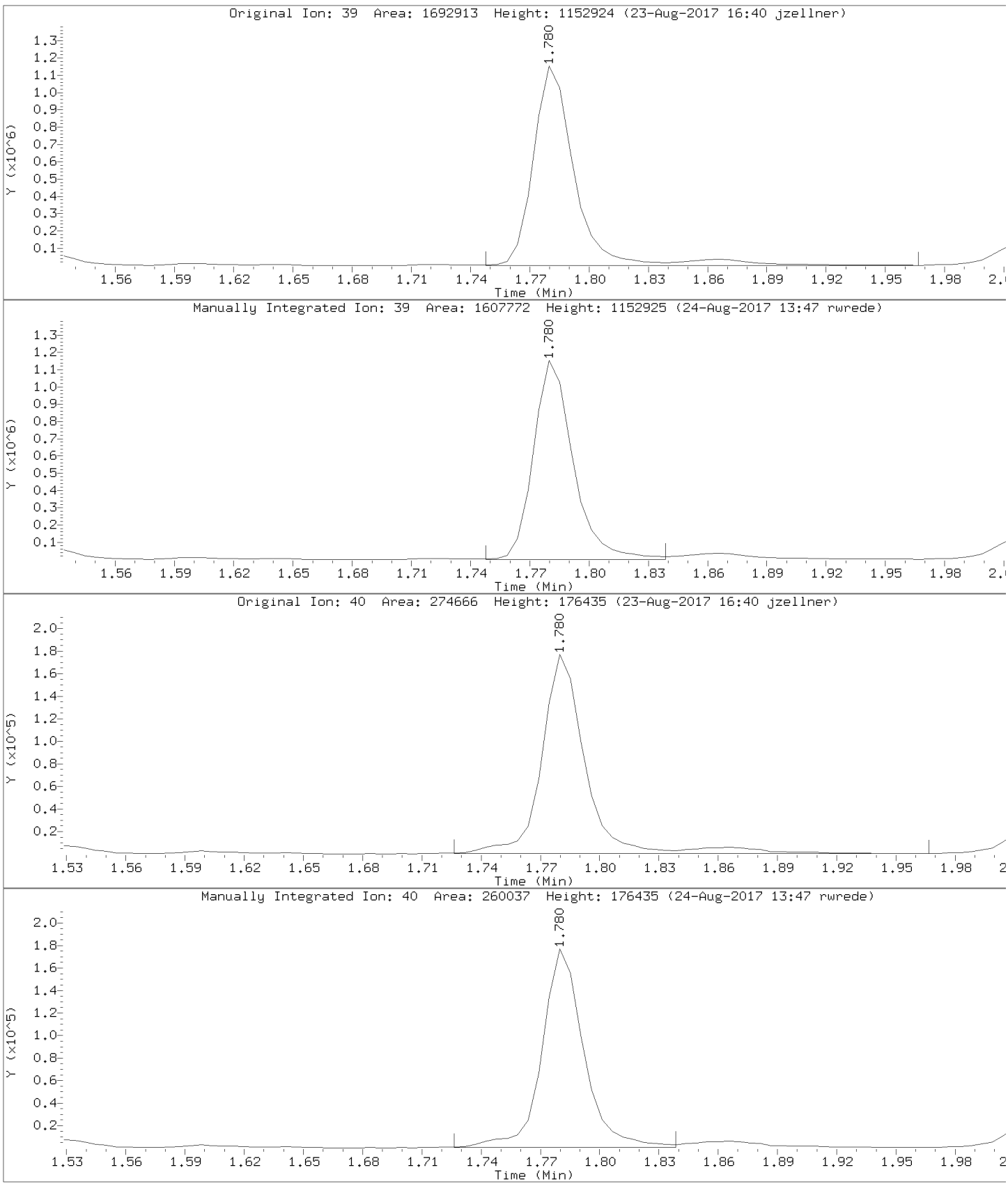
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL8,156500:0



Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b/a08cal.d
Injection Date: 23-AUG-2017 16:17
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL8,156500:0

Compound: Acetonitrile Review Code: CO
CAS Number: 75-05-8



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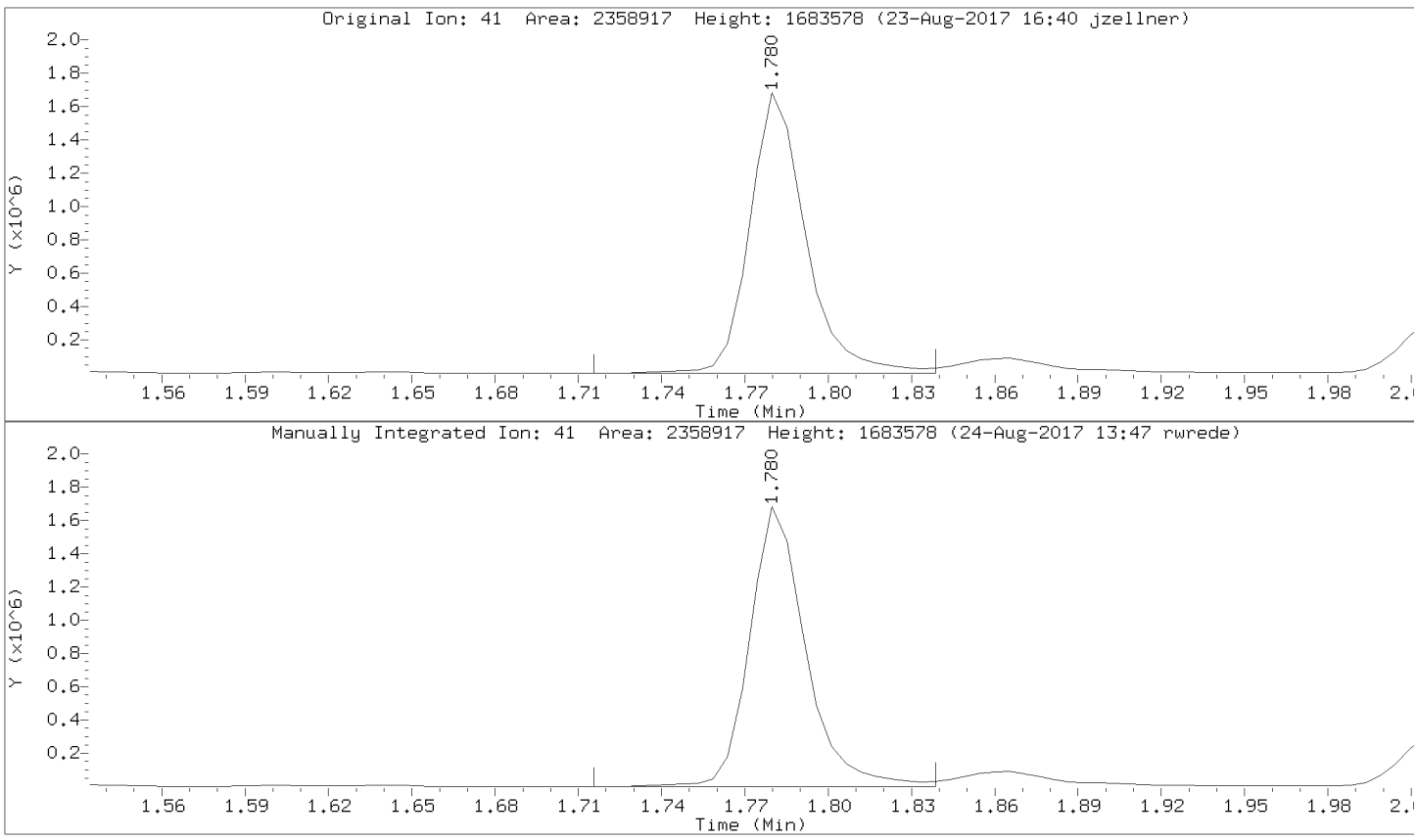
Injection Date: 23-AUG-2017 16:17
Instrument: 50mv3a.i
Lab Sample ID: 8260-CAL8,156500:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b01cal.d
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Inj Date : 23-AUG-2017 12:49
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal1,156493:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 12:49 Cal File: b01cal.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	3 Vinyl Chloride	62	1.044	1.045	(0.251)	1766	1.00000	0.847(QM)	CO
	6 Trichlorofluoromethane	101	1.348	1.349	(0.324)	1990	1.00000	0.865	
	9 Acrolein	56	1.541	1.541	(0.370)	2438	20.0000	22.2	
	10 1,1,2trichlorotrifluoroethane	101	1.599	1.595	(0.384)	1771	1.00000	1.07	
	13 Iodomethane	142	1.685	1.686	(0.405)	2411	2.00000	1.62	
	16 allyl chloride	41	1.797	1.792	(0.432)	5032	2.00000	2.45	
	17 Acetonitrile	39	1.797	1.792	(0.432)	3748	1.00000	1.22(Q)	
	18 Methylene Chloride	84	1.866	1.868	(0.448)	4838	1.00000	(Q)	
	20 Acrylonitrile	53	2.016	2.001	(0.484)	1003	4.00000	4.42(M)	WP
	21 Methyl-tert-butyl ether	73	2.027	2.033	(0.487)	3182	1.00000	1.11(Q)	
	28 1,2-Dichloroethene (cis)	96	2.817	2.818	(0.677)	1560	1.00000	1.02	
	34 Chloroform	83	3.170	3.160	(0.761)	2824	1.00000	1.16	
$	35 Dibromofluoromethane (S)	113	3.335	3.336	(0.801)	55162	50.0000	51.3	
	36 1,1,1-Trichloroethane	97	3.335	3.336	(0.801)	2806	1.00000	1.14	
	37 Cyclohexane	56	3.426	3.422	(0.823)	4097	1.00000	1.32(M)	
	40 Benzene	78	3.773	3.763	(0.906)	5369	1.00000	0.987(M)	NI
	43 2,2,4-Trimethylpentane	57	3.944	3.945	(0.947)	6833	1.00000	1.07	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	223102	50.0000		
	45 Trichloroethene	95	4.617	4.612	(1.109)	1753	1.00000	1.17	
	46 Methylcyclohexane	55	4.879	4.885	(1.172)	3066	1.00000	1.26	
	54 4-Methyl-2-Pentanone	43	5.920	5.910	(0.807)	3915	5.00000	5.87(M)	WP
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	226195	50.0000	49.3	
	56 Toluene	91	6.086	6.087	(0.830)	7237	1.00000	1.10	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	57 trans-1,3-Dichloropropene	75	6.374	6.370	(0.869)	1413	1.00000	0.902(Q)	
	60 Tetrachloroethene	166	6.615	6.610	(0.902)	1611	1.00000	0.944(M)	NI
	63 Dibromochloromethane	129	6.887	6.882	(0.939)	1058	1.00000	0.995	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	173798	50.0000		
	66 Chlorobenzene	112	7.357	7.358	(1.003)	3826	1.00000	0.982	
	67 1,1,1,2-Tetrachloroethane	131	7.442	7.438	(1.015)	1409	1.00000	1.06(Q)	
	68 Ethylbenzene	106	7.448	7.443	(1.015)	3513	1.00000	1.32	
	69 m&p-Xylene	106	7.539	7.545	(1.028)	7650	2.00000	2.38	
	70 o-Xylene	106	7.800	7.801	(1.063)	3085	1.00000	1.05(Q)	
	71 Styrene	104	7.822	7.817	(1.066)	7842	1.00000	1.58	
	73 Isopropylbenzene	105	8.046	8.047	(1.097)	8624	1.00000	1.04	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.159	(1.112)	85466	50.0000	49.6	
	75 Bromobenzene	77	8.238	8.239	(1.123)	2680	1.00000	1.06	
	79 n-Propylbenzene	91	8.308	8.308	(0.941)	9953	1.00000	1.03	
	80 2-Chlorotoluene	91	8.356	8.357	(0.946)	6313	1.00000	1.16	
	81 1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	7451	1.00000	1.11	
	82 4-Chlorotoluene	126	8.431	8.431	(0.955)	1834	1.00000	1.04	
	83 tert-Butylbenzene	119	8.596	8.597	(0.973)	7912	1.00000	1.01	
	84 1,2,4-Trimethylbenzene	105	8.634	8.629	(0.978)	7567	1.00000	1.11	
	85 sec-Butylbenzene	105	8.724	8.725	(0.988)	9547	1.00000	0.994	
	86 1,3-Dichlorobenzene	146	8.788	8.789	(0.995)	3297	1.00000	1.00	
	87 p-Isopropyltoluene	119	8.810	8.811	(0.998)	7572	1.00000	0.972	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.837	(1.000)	87929	50.0000		
	89 1,4-Dichlorobenzene	146	8.852	8.848	(1.002)	3809	1.00000	1.13(Q)	
	90 n-Butylbenzene	91	9.029	9.024	(1.022)	7383	1.00000	1.02	
	91 1,2-Dichlorobenzene	146	9.039	9.040	(1.024)	2682	1.00000	0.958	
	95 Naphthalene	128	10.006	9.996	(1.133)	4016	1.00000	1.12	
	97 2,methyl-naphthalene	142	10.636	10.626	(1.204)	2173	1.00000	1.06(M)	NI
	98 1-Methylnaphthalene	142	10.754	10.744	(1.218)	1719	1.00000	1.08(M)	NI
	101 n-amyl Acetate	70	7.945	7.945	(1.908)	2502	1.00000	0.985(Q)	

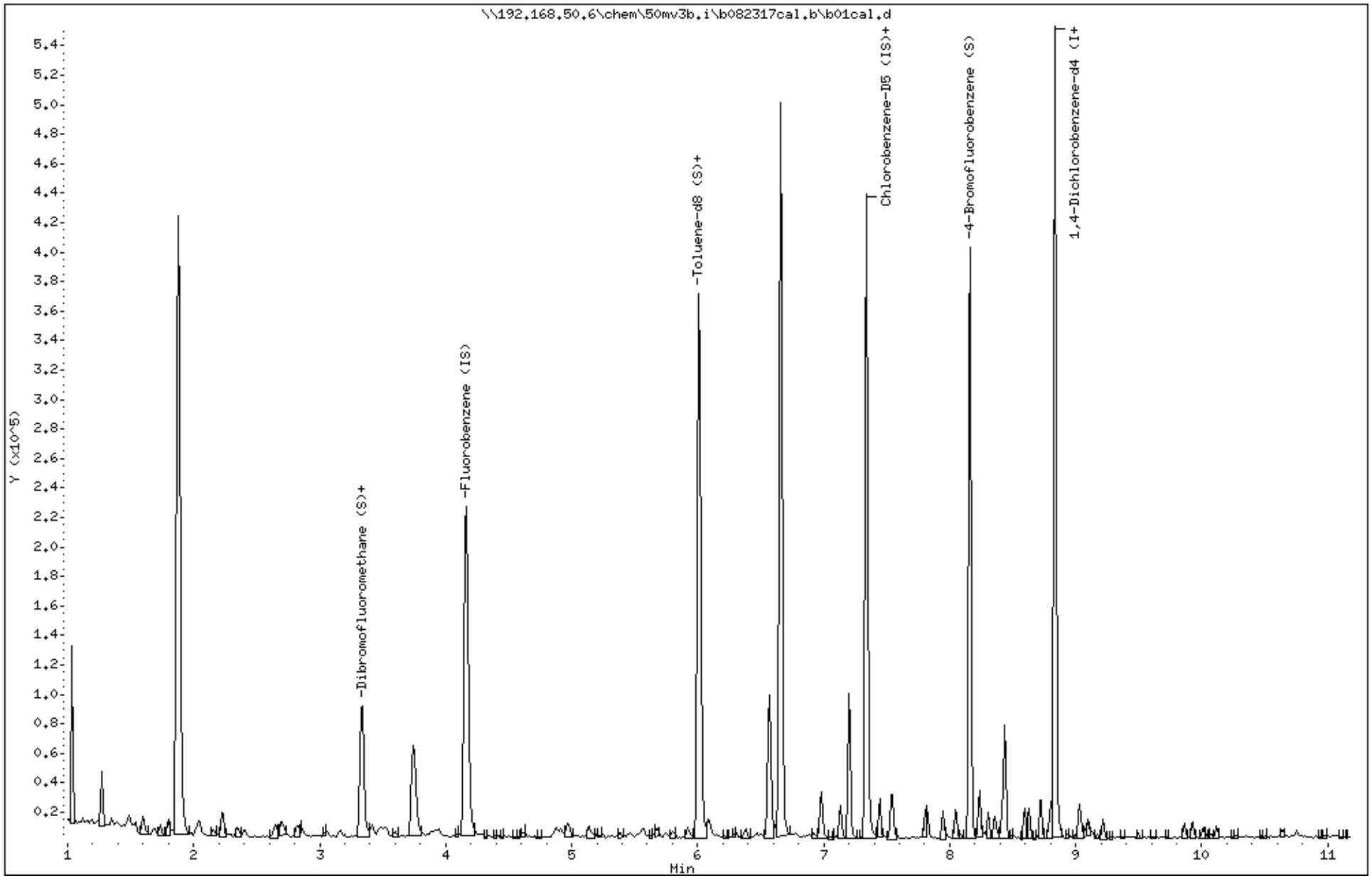
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

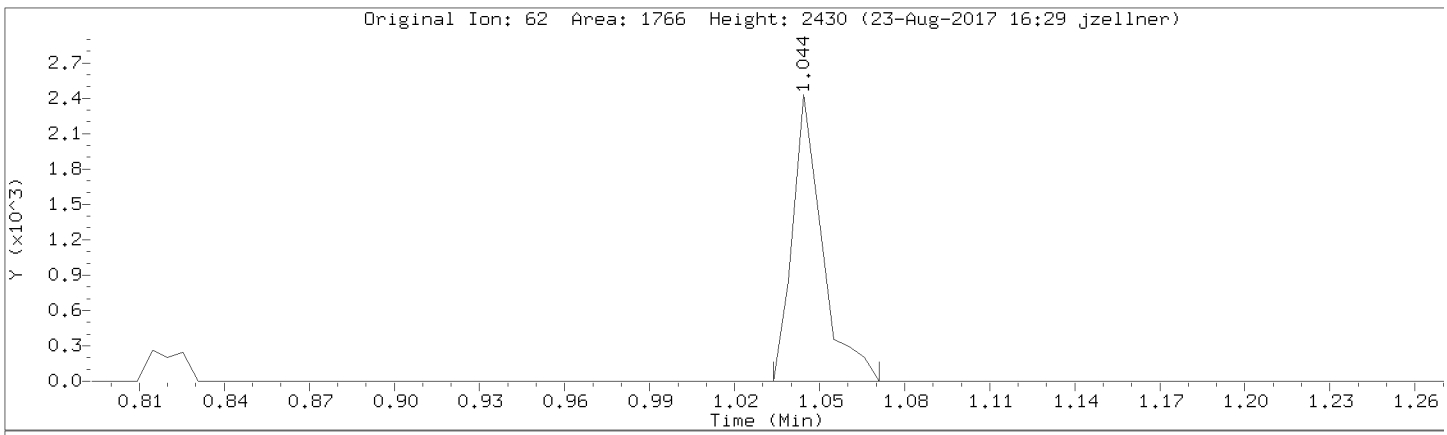
:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.
NI: Indicates that the peak was not integrated at all by the computer software.

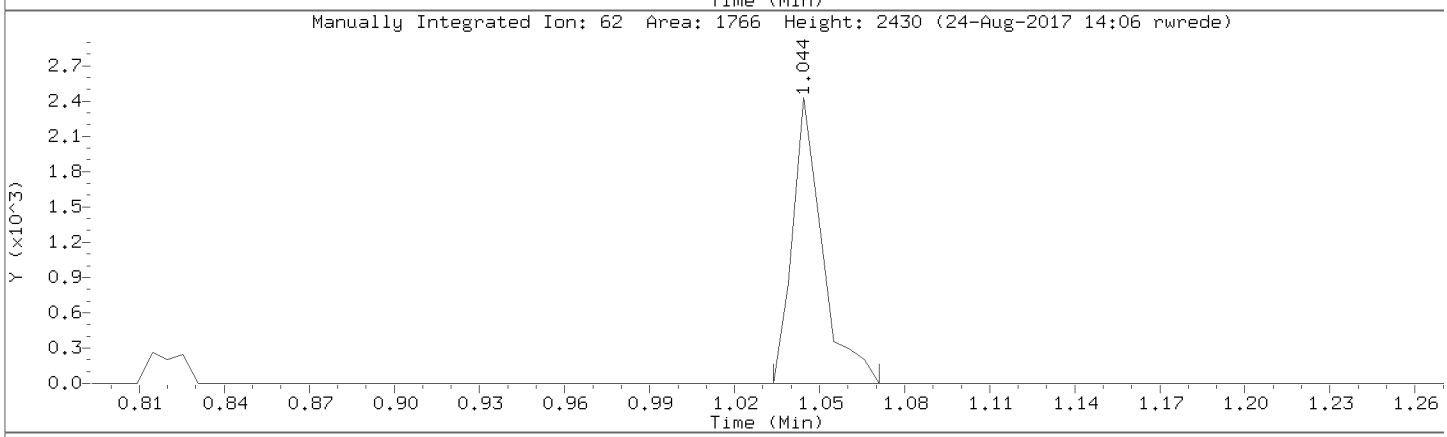
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b01cal.d
Date : 23-AUG-2017 12:49
Client ID: 8260-CAL1
Instrument: 50mv3b.i
Sample Info: 8260-CAL1,156493:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18

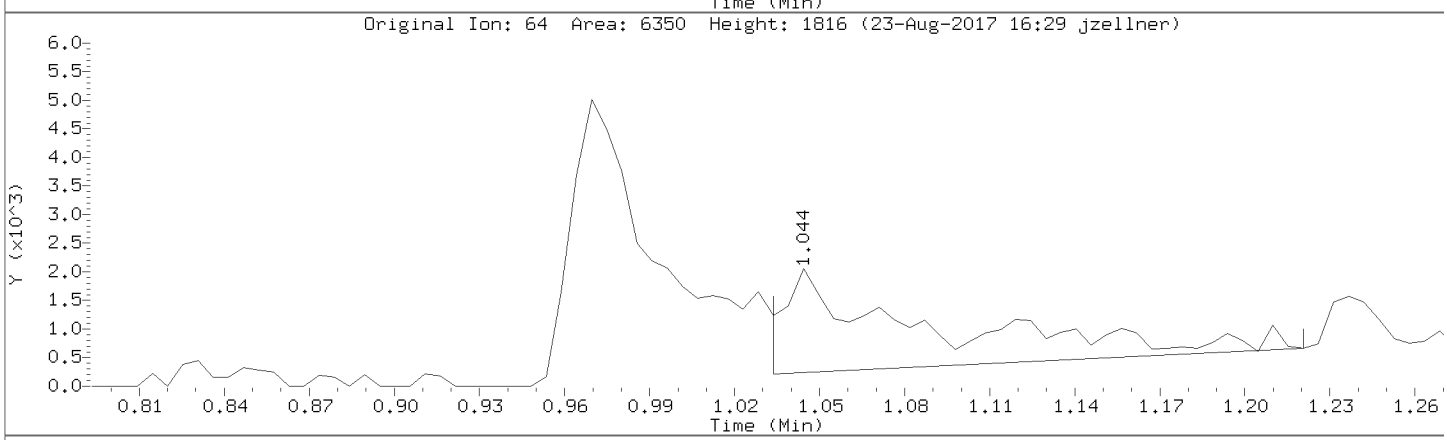


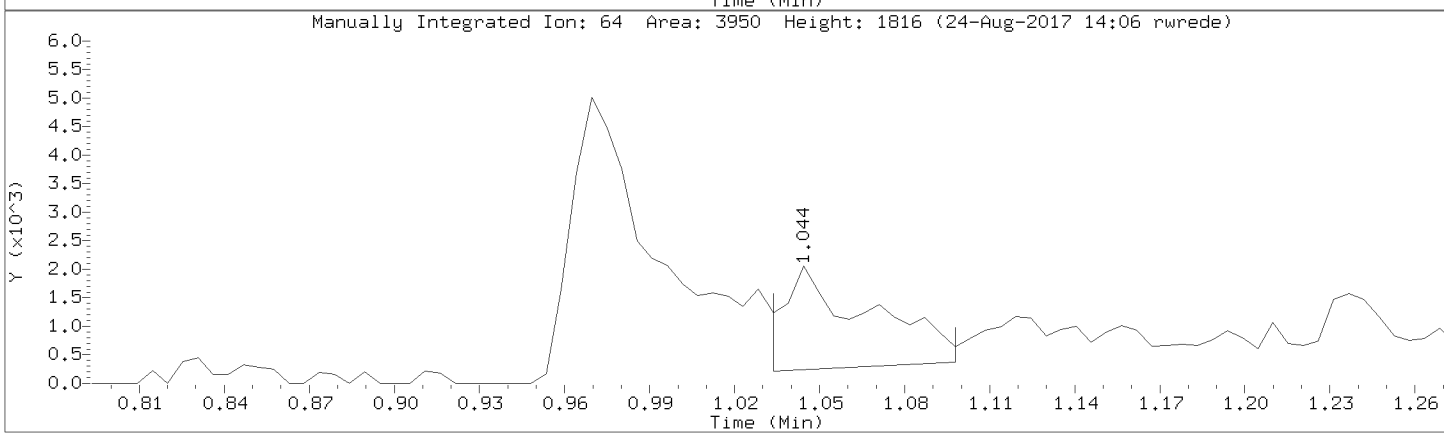
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b01cal.d
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Vinyl Chloride Review Code: CO
CAS Number: 75-01-4



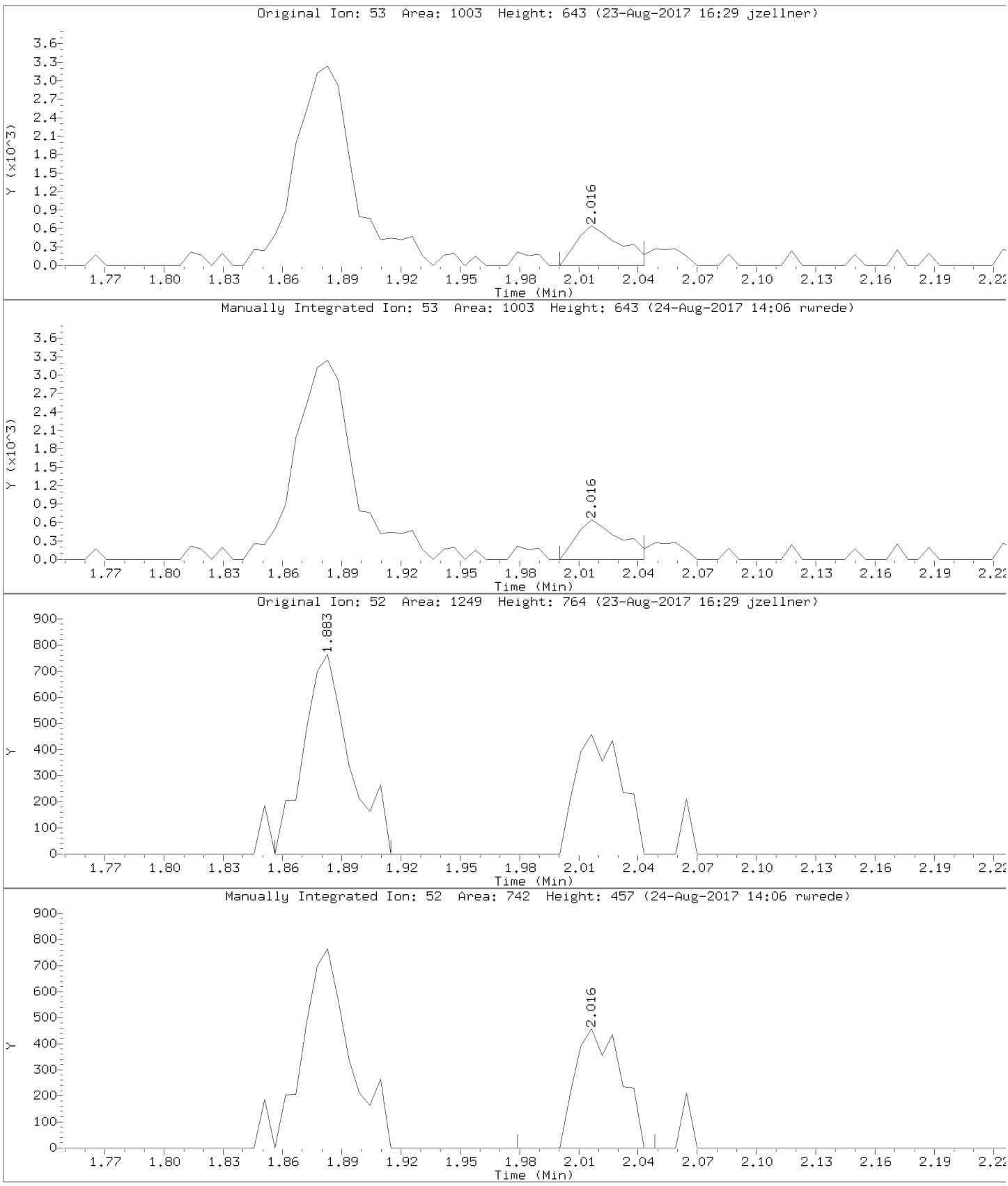






Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b01cal.d
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Acrylonitrile Review Code: WP
CAS Number: 107-13-1



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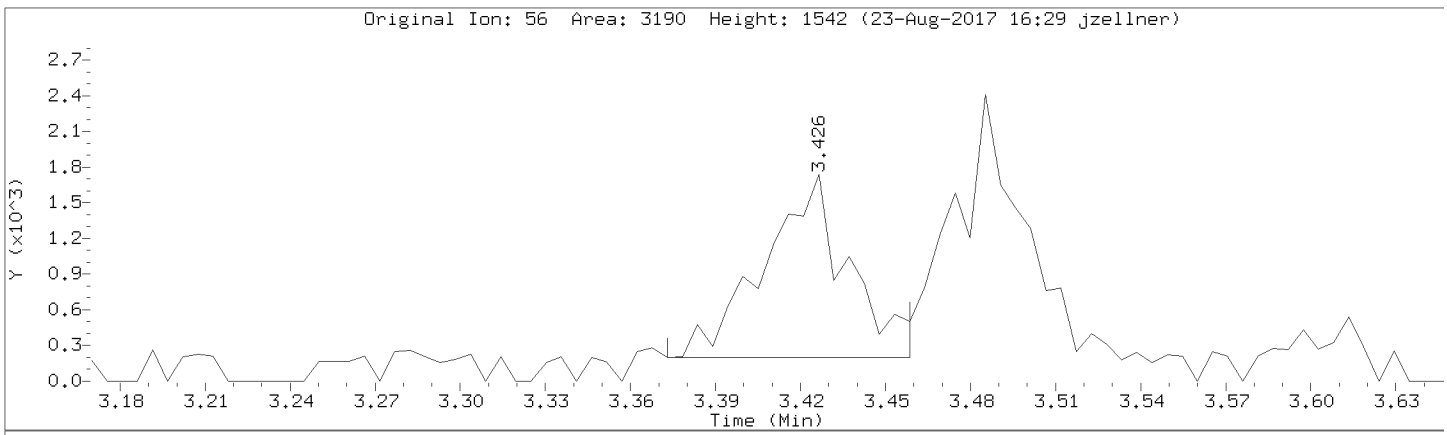
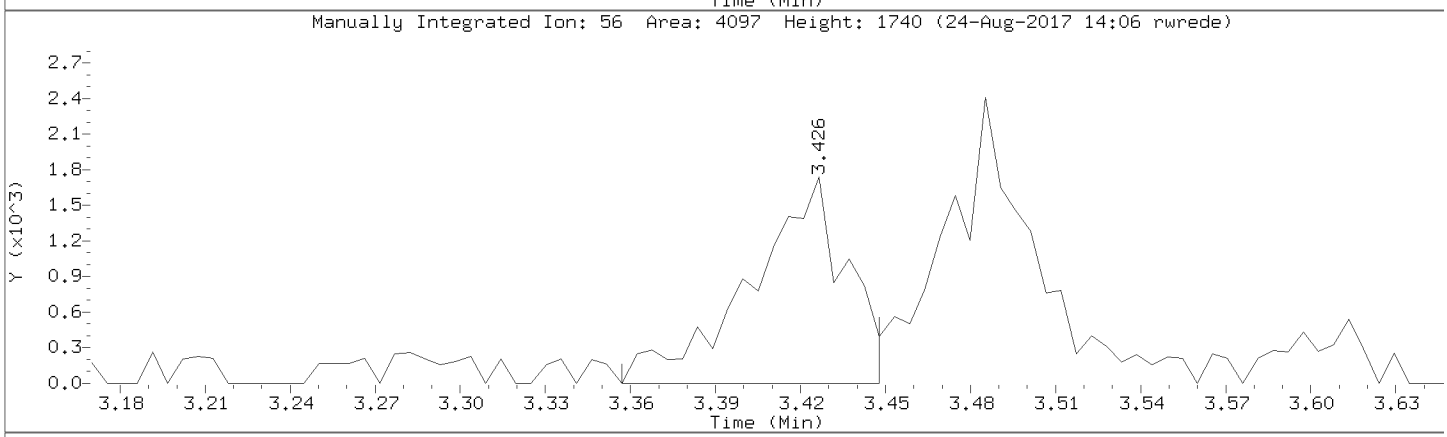
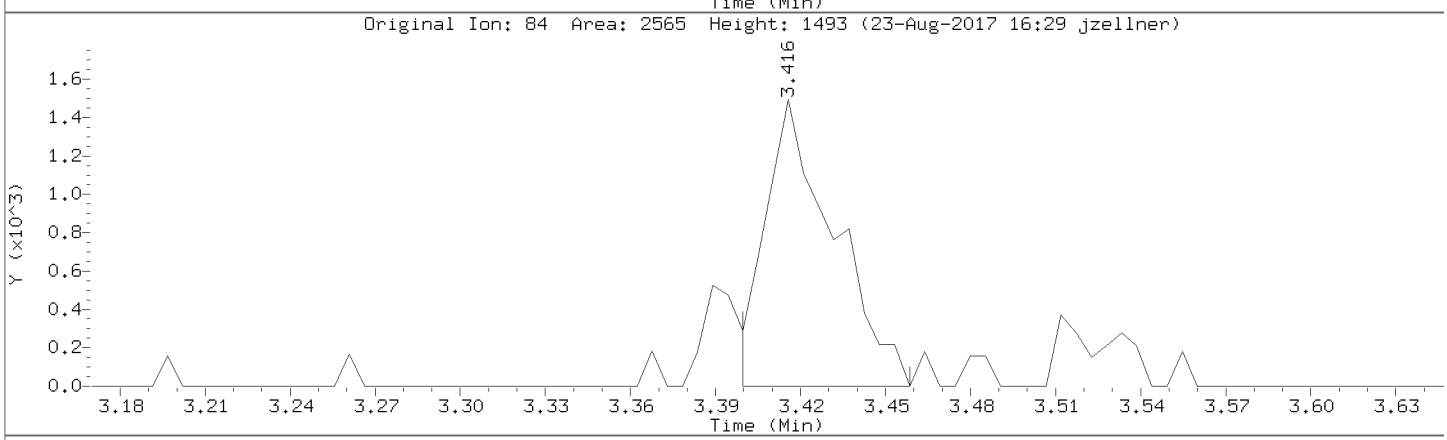
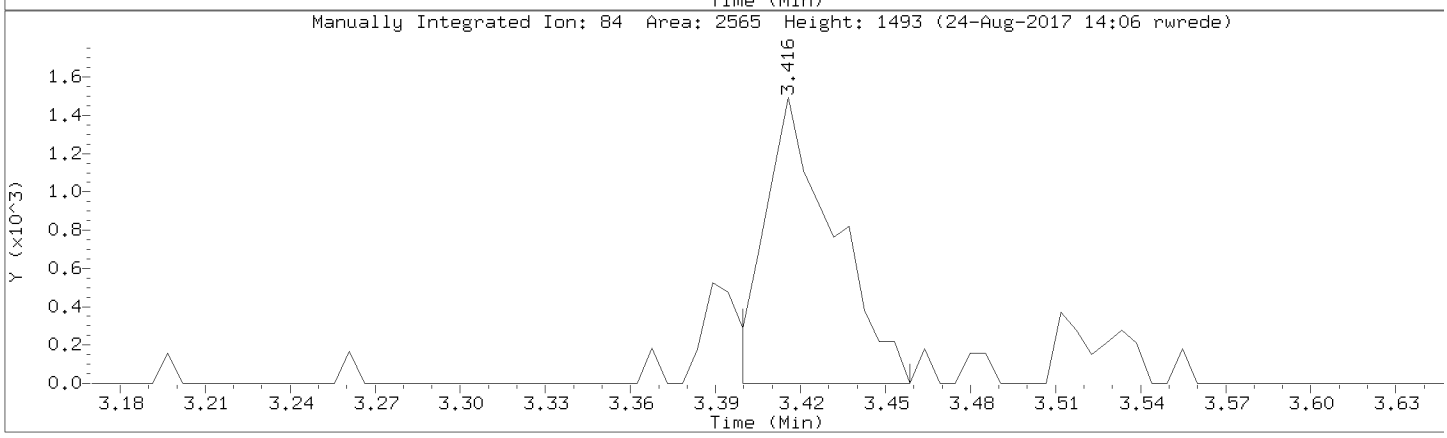
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Cyclohexane Review Code:
CAS Number: 110-82-7









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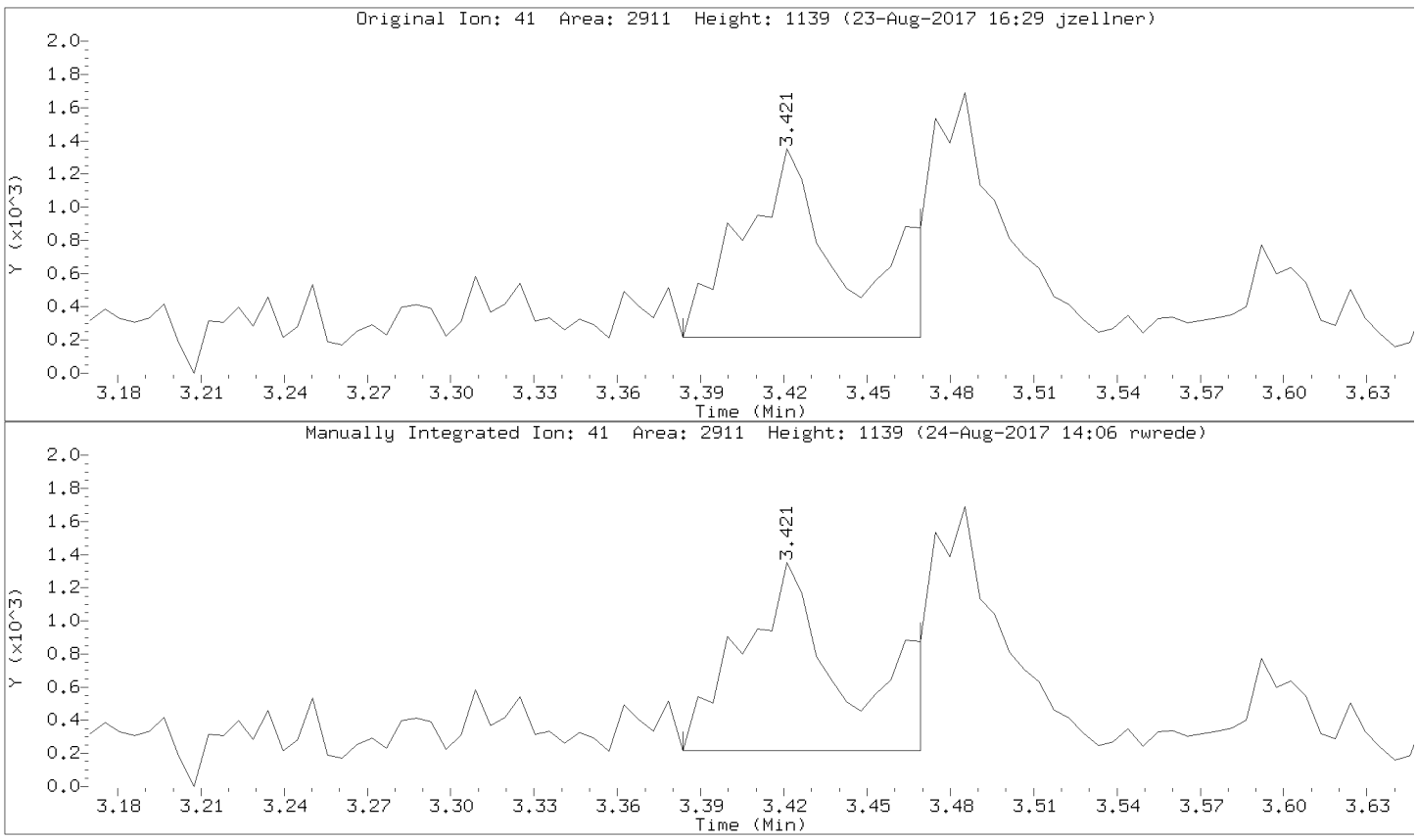
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0



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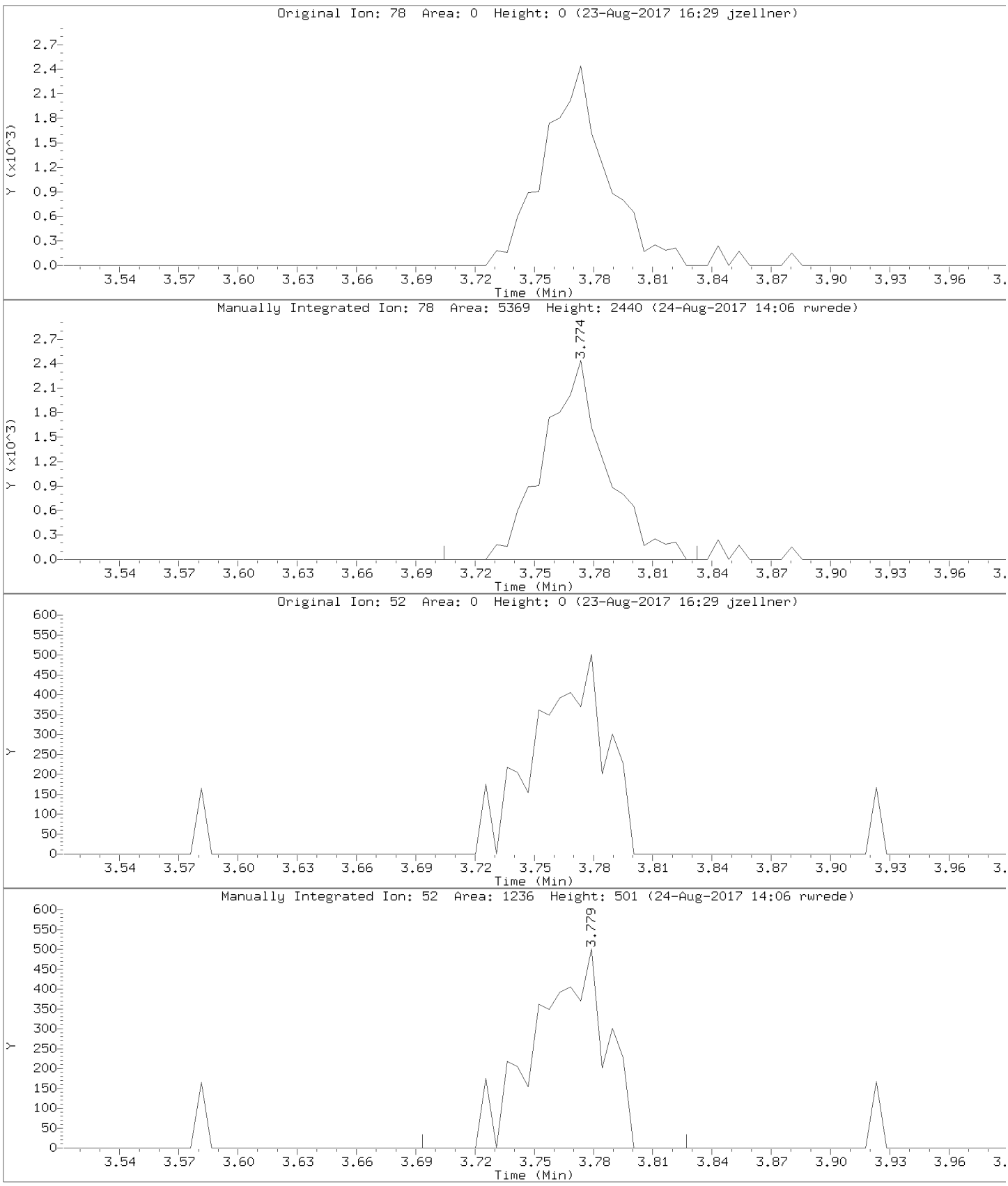
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Benzene Review Code: NI
CAS Number: 71-43-2



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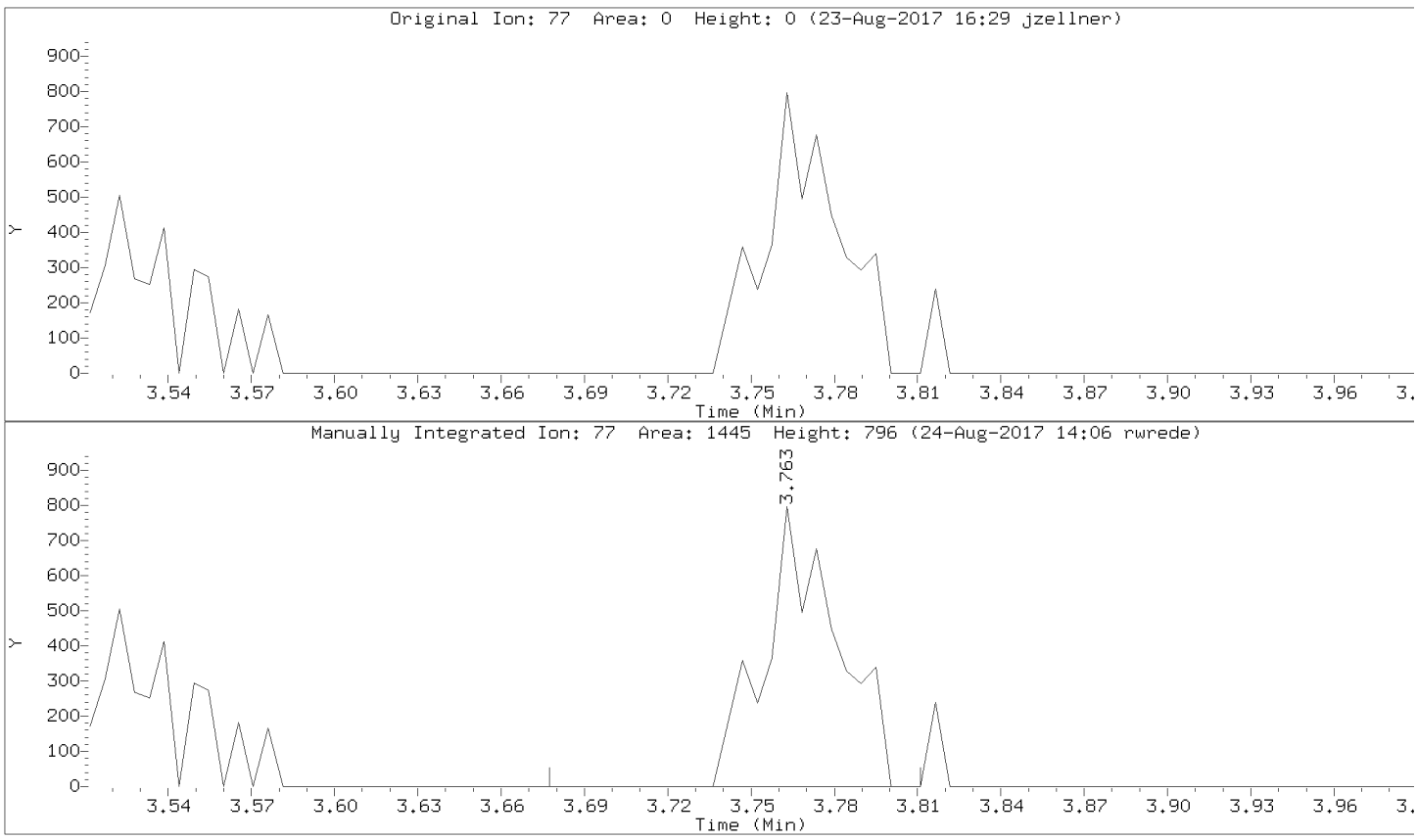
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0



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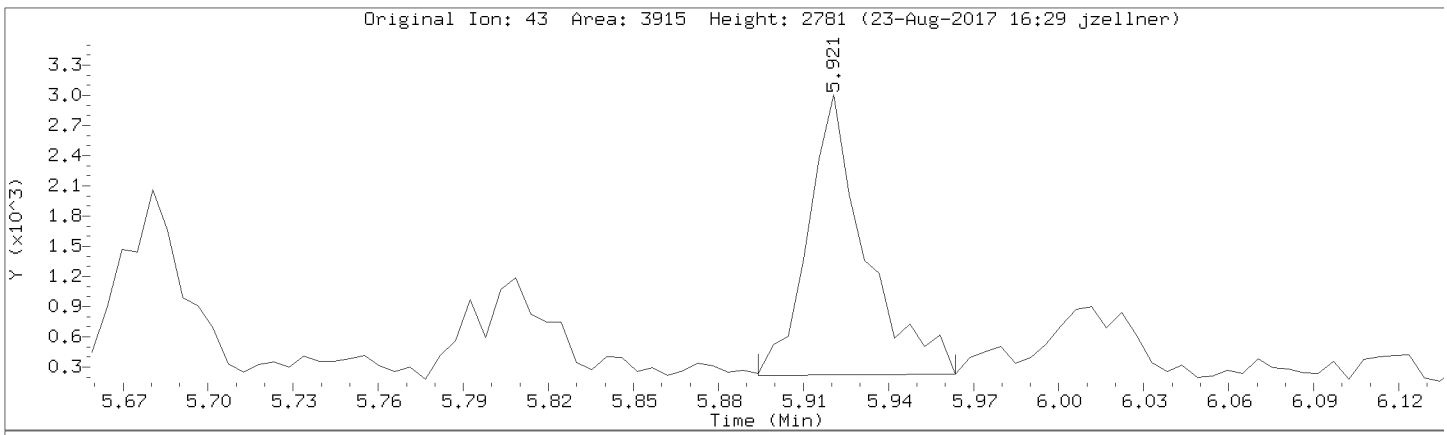
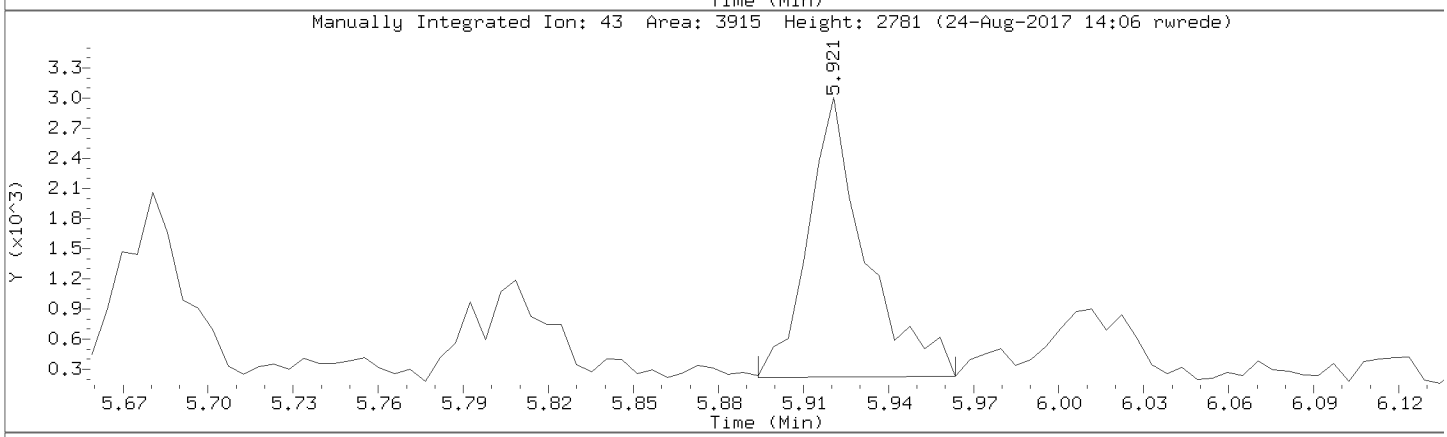
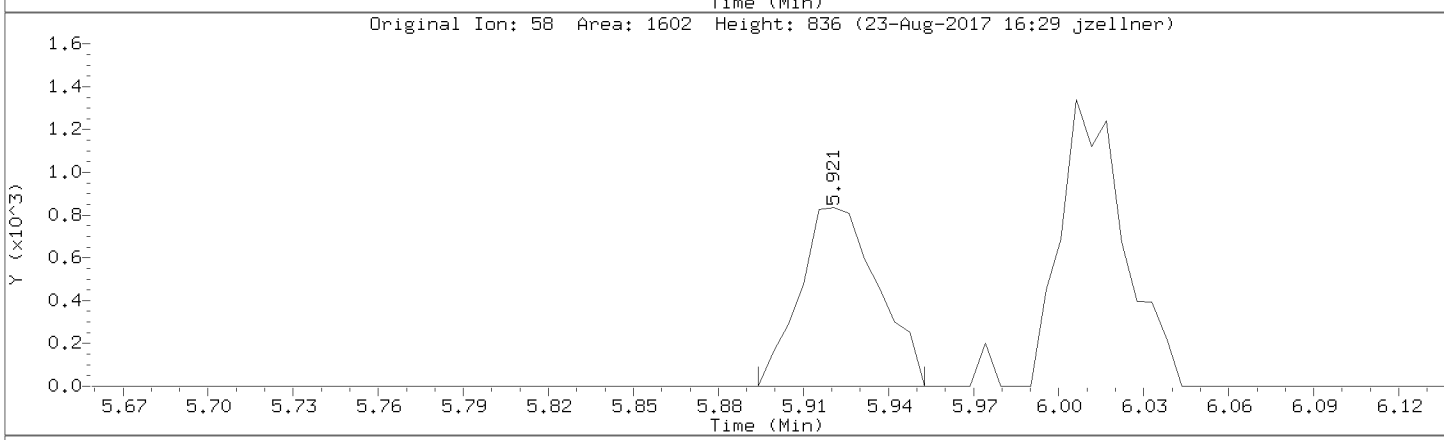
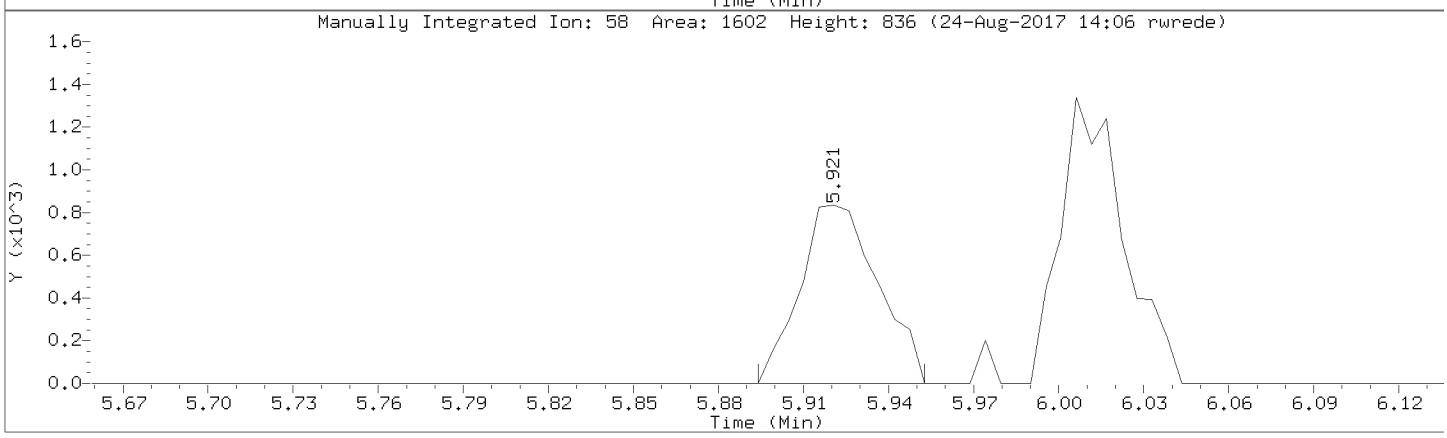
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: 4-Methyl-2-Pentanone Review Code: WP
CAS Number: 108-10-1









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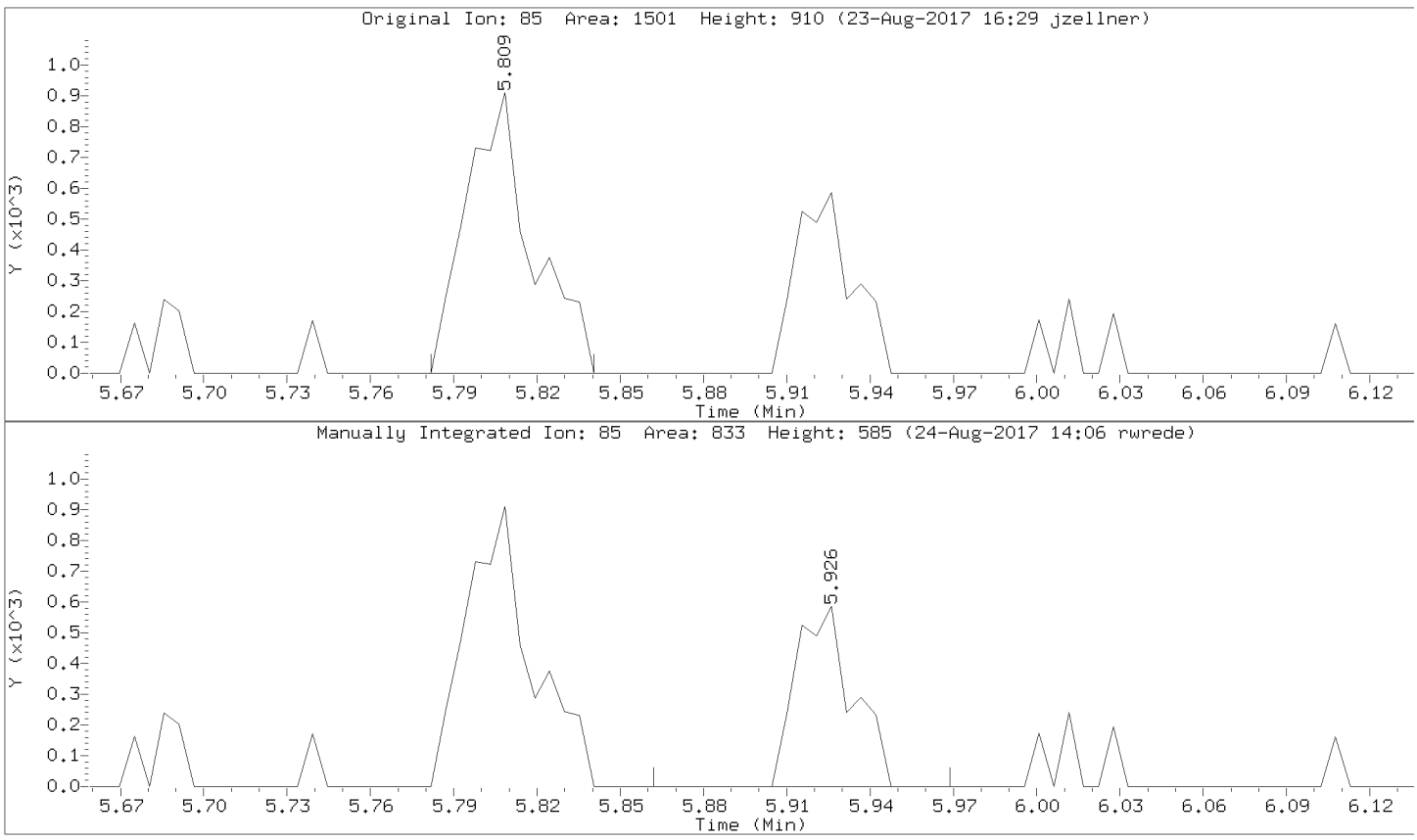
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0



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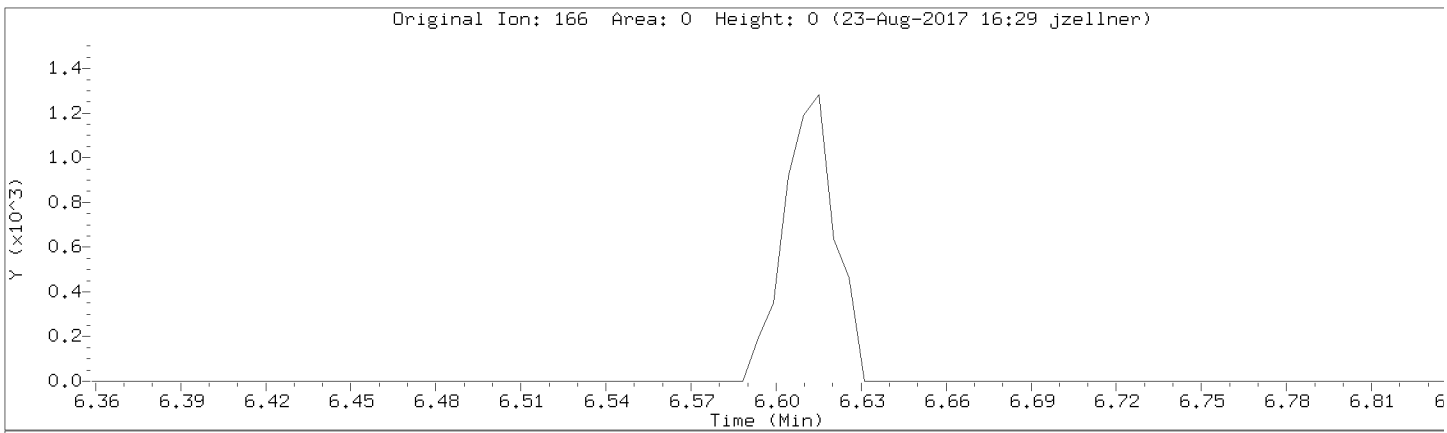
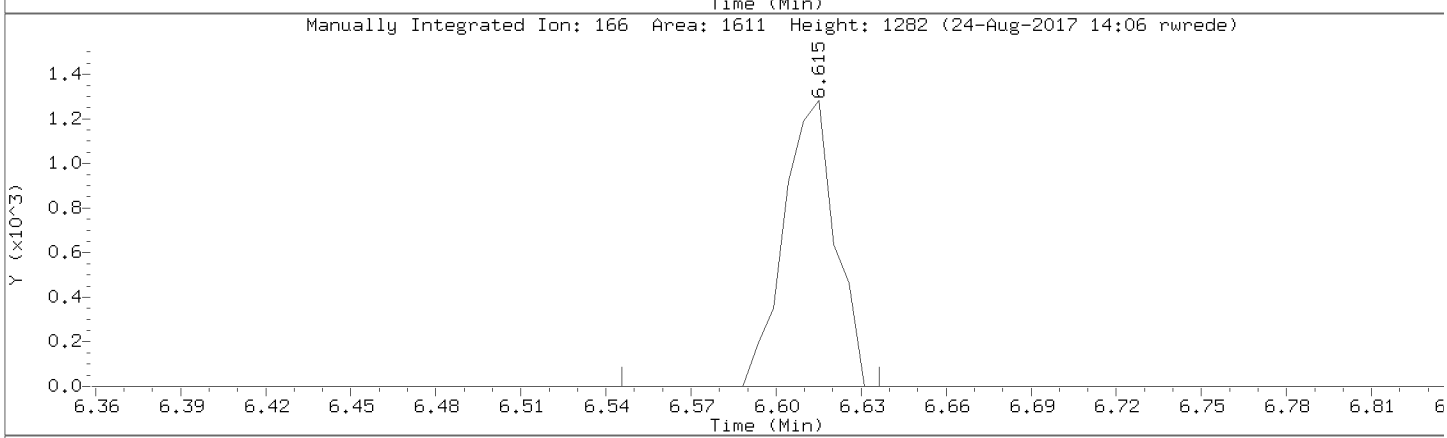
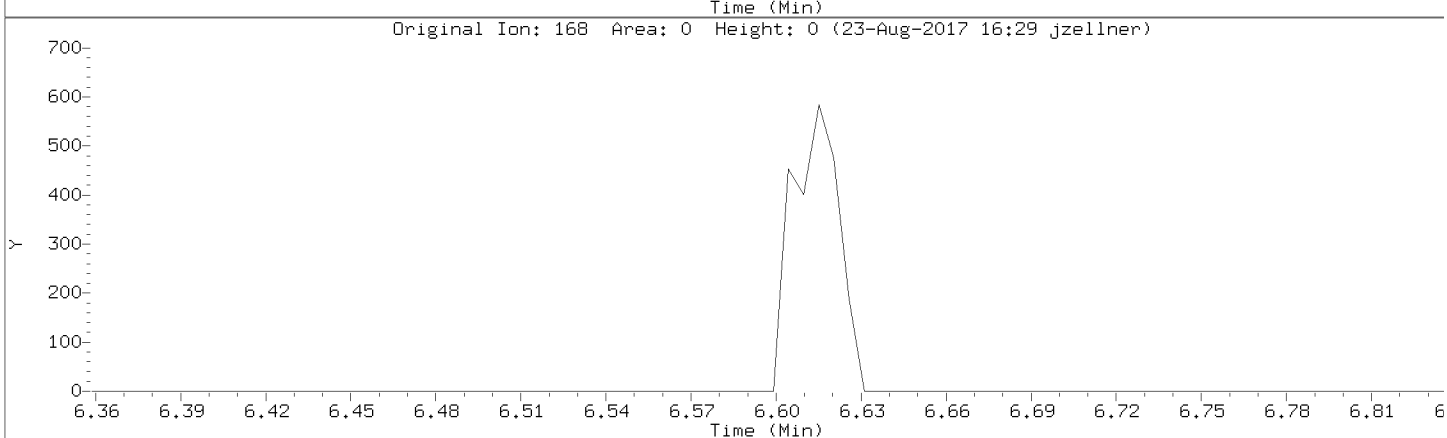
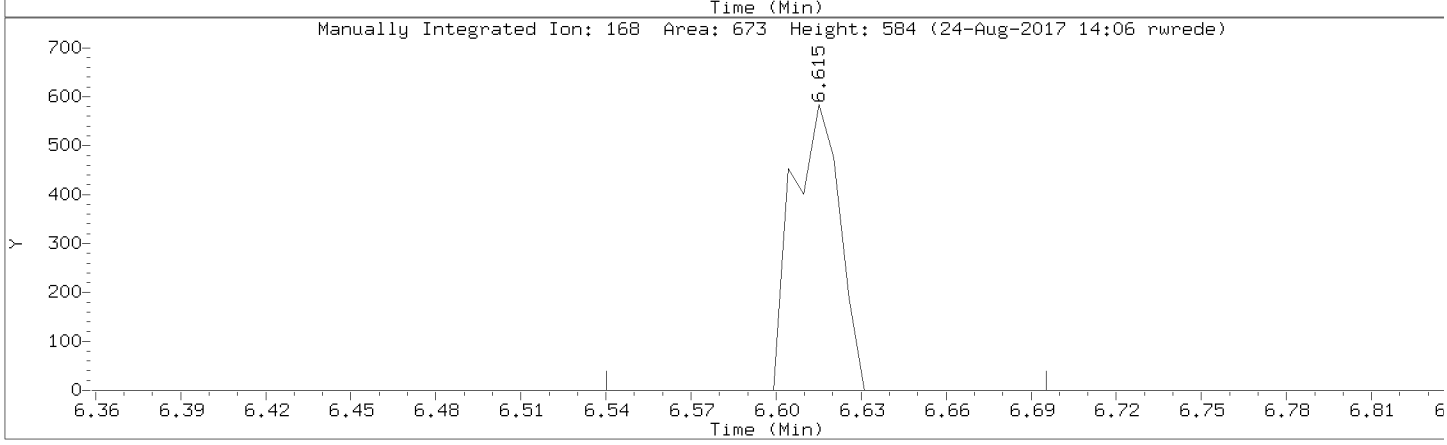
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: Tetrachloroethene Review Code: NI
CAS Number: 127-18-4









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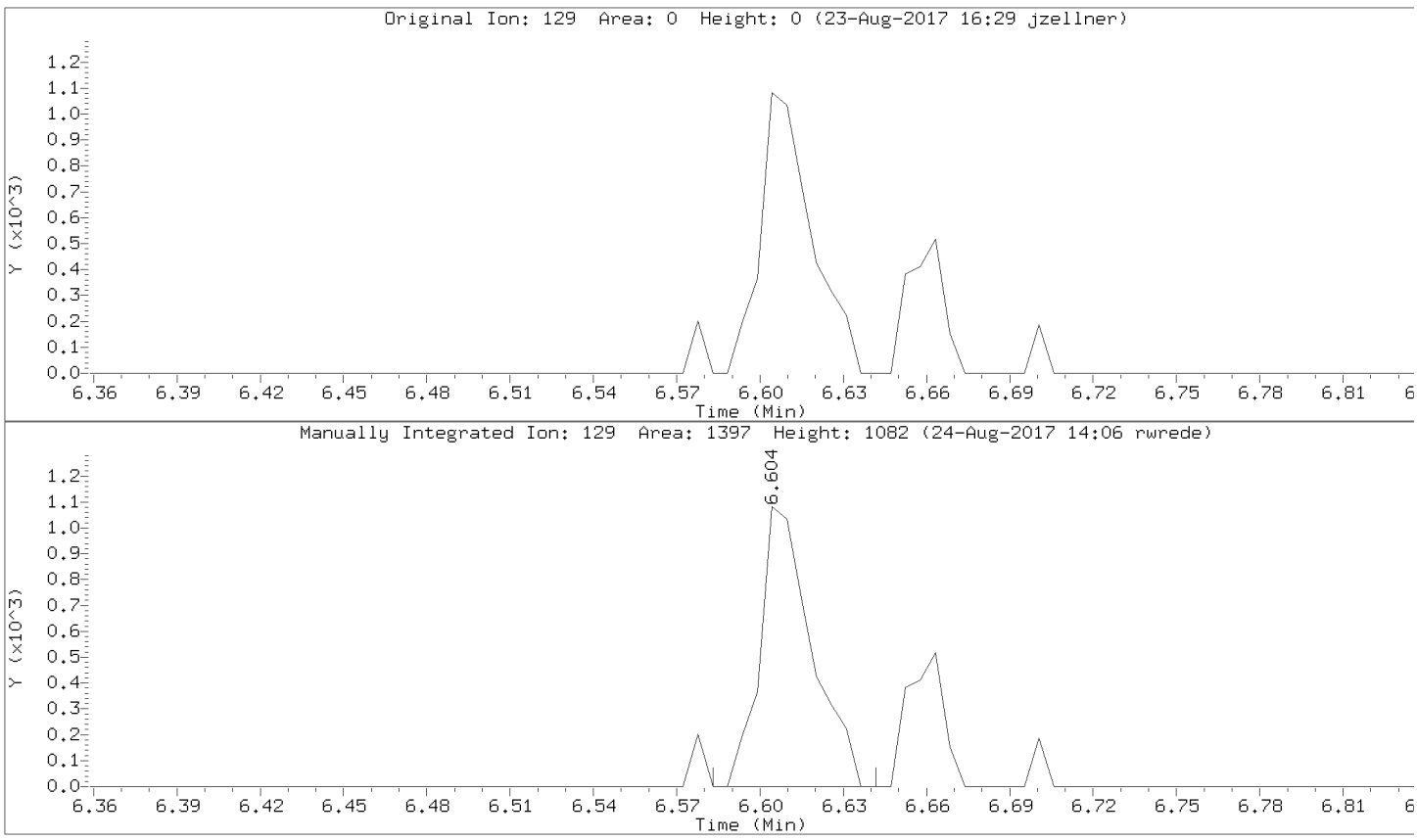
Lab Sample ID: 8260-CAL1,156493:0



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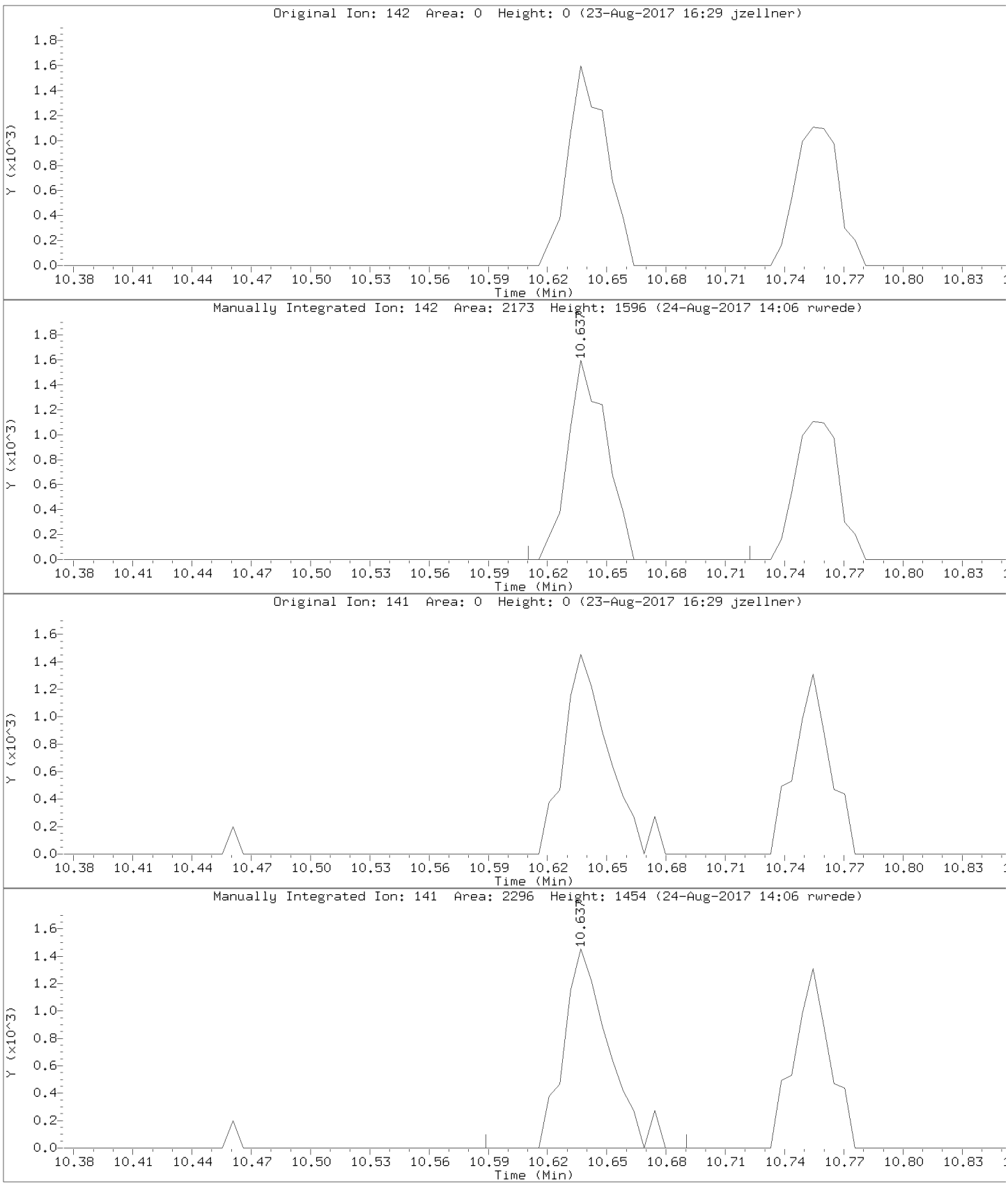
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: 2,methyl-naphthalene Review Code: NI
CAS Number:



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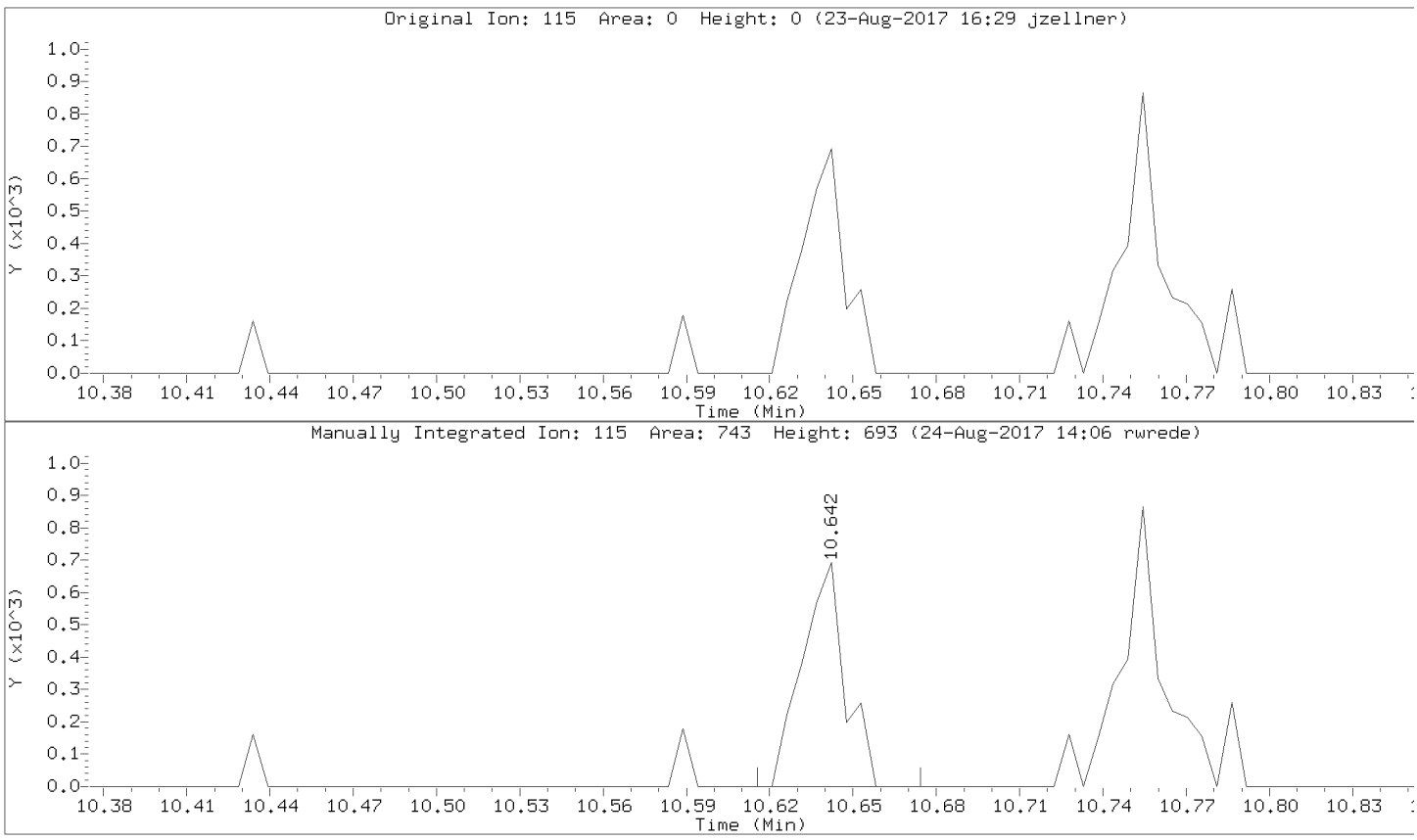

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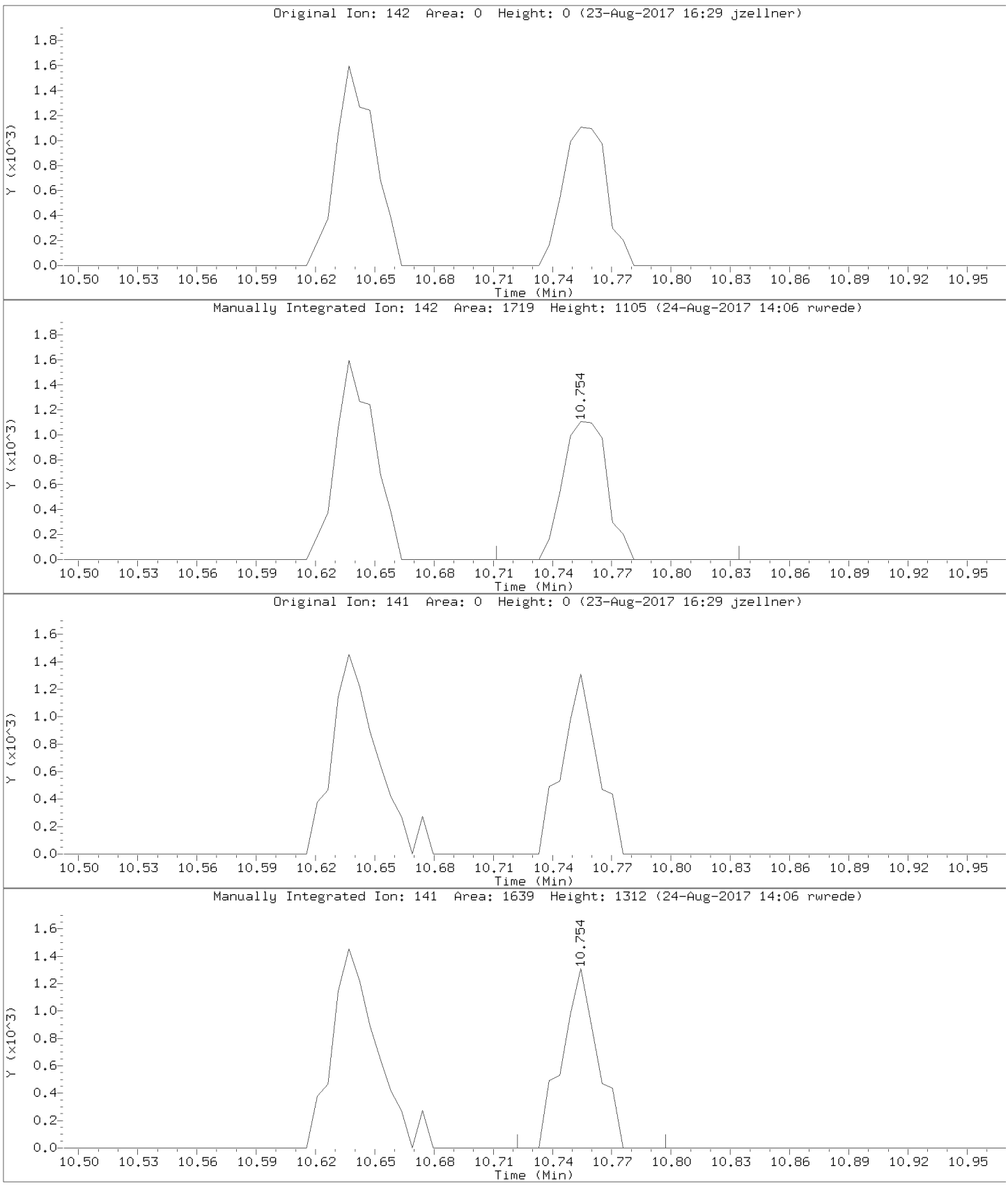
Injection Date: 23-AUG-2017 12:49
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0

Compound: 1-Methylnaphthalene Review Code: NI
CAS Number: 90-12-7



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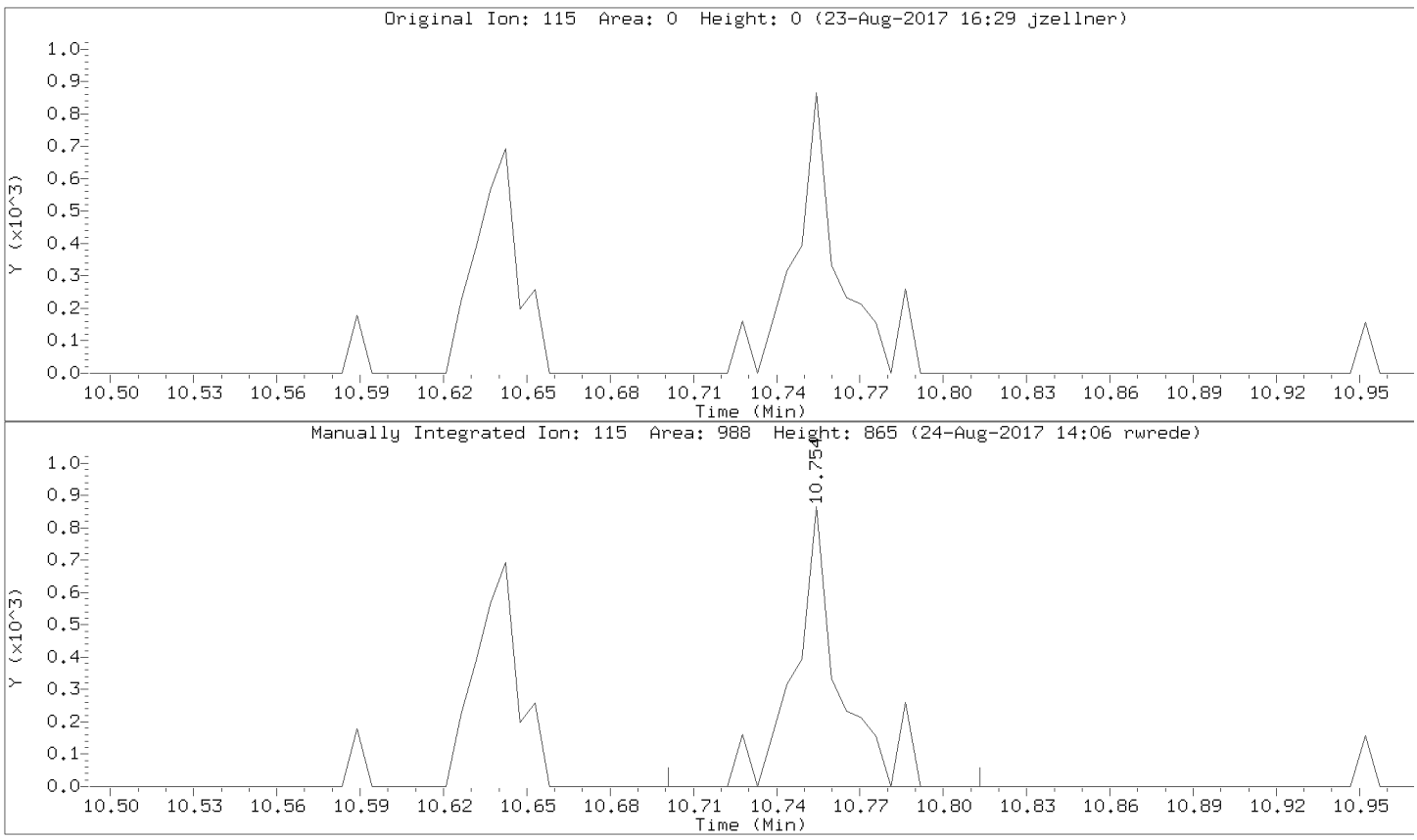
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL1,156493:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b02cal.d
Lab Smp Id: 8260-CAL2,156494:0 Client Smp ID: 8260-CAL2
Inj Date : 23-AUG-2017 13:21
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal2,156494:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 13:21 Cal File: b02cal.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.916	0.916	(0.220)	3252	2.00000	2.16(M)	NI
2	Chloromethane	50	0.996	0.997	(0.239)	4271	2.00000	2.33	
3	Vinyl Chloride	62	1.045	1.045	(0.251)	3832	2.00000	2.05(QM)	GT
4	Bromomethane	94	1.194	1.183	(0.287)	1693	2.00000	2.08	
5	Chloroethane	64	1.237	1.232	(0.297)	2181	2.00000	1.88(M)	NI
6	Trichlorofluoromethane	101	1.349	1.349	(0.324)	4311	2.00000	2.09	
7	Diethyl ether	74	1.477	1.472	(0.355)	1363	2.00000	2.42	
8	1,2-dichlorotrifluoroethane	67	1.488	1.488	(0.357)	4616	2.00000	2.54	
9	Acrolein	56	1.547	1.541	(0.372)	4853	40.0000	49.3	
10	1,1,2trichlorotrifluoroethane	101	1.600	1.595	(0.384)	3299	2.00000	2.22	
11	1,1-Dichloroethene	96	1.600	1.600	(0.384)	2426	2.00000	2.05	
12	Acetone	43	1.616	1.611	(0.388)	2235	10.0000	12.5(M)	NI
13	Iodomethane	142	1.691	1.686	(0.406)	5449	4.00000	4.08	
14	Carbon Disulfide	76	1.734	1.734	(0.416)	10351	2.00000	2.43	
16	allyl chloride	41	1.798	1.792	(0.432)	8961	4.00000	4.86	
17	Acetonitrile	39	1.798	1.792	(0.432)	6740	2.00000	2.45	
18	Methylene Chloride	84	1.872	1.868	(0.450)	6165	2.00000	0.969(Q)	
20	Acrylonitrile	53	2.022	2.001	(0.486)	1738	8.00000	8.55(M)	WP
21	Methyl-tert-butyl ether	73	2.038	2.033	(0.490)	5581	2.00000	2.17(Q)	
22	1,2-Dichloroethene (trans)	96	2.049	2.043	(0.492)	2758	2.00000	2.12	
23	n-Hexane	57	2.230	2.225	(0.536)	7785	2.00000	3.09	
24	Vinyl Acetate	43	2.348	2.332	(0.564)	10590	8.00000	6.85	
28	1,2-Dichloroethene (cis)	96	2.818	2.818	(0.677)	3226	2.00000	2.36	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	34 Chloroform	83	3.165	3.160	(0.760)	4998	2.00000	2.28	
$	35 Dibromofluoromethane (S)	113	3.336	3.336	(0.801)	49237	50.0000	51.1	
	36 1,1,1-Trichloroethane	97	3.336	3.336	(0.801)	4757	2.00000	2.15	
	37 Cyclohexane	56	3.416	3.422	(0.820)	6528	2.00000	2.35(M)	
	38 Carbon Tetrachloride	117	3.517	3.518	(0.845)	4115	2.00000	2.18	
	39 1,1-Dichloropropene	75	3.523	3.523	(0.846)	4110	2.00000	2.14	
	40 Benzene	78	3.768	3.763	(0.905)	10364	2.00000	2.12	
	41 1,2-Dichloroethane	62	3.854	3.849	(0.926)	2910	2.00000	2.33(M)	NI
	42 Isobutyl alcohol	43	3.891	3.881	(0.935)	12147	2.00000	2.33	
	43 2,2,4-Trimethylpentane	57	3.945	3.945	(0.947)	12783	2.00000	2.24	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	199930	50.0000		
	45 Trichloroethene	95	4.623	4.612	(1.110)	2702	2.00000	2.01	
	46 Methylcyclohexane	55	4.885	4.885	(1.173)	4771	2.00000	2.18	
	47 1,2-Dichloropropane	63	4.917	4.917	(1.181)	2511	2.00000	2.18(M)	NI
	53 cis-1,3-Dichloropropene	75	5.750	5.739	(0.784)	3708	2.00000	2.06	
	54 4-Methyl-2-Pentanone	43	5.916	5.910	(0.806)	6552	10.0000	10.8	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	206440	50.0000	49.4	
	56 Toluene	91	6.092	6.087	(0.830)	13587	2.00000	2.27	
	57 trans-1,3-Dichloropropene	75	6.380	6.370	(0.870)	2617	2.00000	1.83(Q)	
	59 1,1,2-Trichloroethane	83	6.562	6.557	(0.894)	1713	2.00000	2.46(Q)	
	60 Tetrachloroethene	166	6.610	6.610	(0.901)	3128	2.00000	2.01	
	63 Dibromochloromethane	129	6.882	6.882	(0.938)	1876	2.00000	1.94	
	64 1,2-Dibromoethane	107	6.968	6.968	(0.950)	1635	2.00000	2.19	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	158357	50.0000		
	66 Chlorobenzene	112	7.358	7.358	(1.003)	7795	2.00000	2.20	
	67 1,1,1,2-Tetrachloroethane	131	7.438	7.438	(1.014)	2438	2.00000	2.02	
	68 Ethylbenzene	106	7.443	7.443	(1.015)	5780	2.00000	2.39	
	69 m&p-Xylene	106	7.539	7.545	(1.028)	14268	4.00000	4.87	
	70 o-Xylene	106	7.801	7.801	(1.063)	6195	2.00000	2.31	
	71 Styrene	104	7.822	7.817	(1.066)	11991	2.00000	2.64	
	72 Bromoform	173	7.940	7.935	(0.899)	1022	2.00000	1.90(M)	NI
	73 Isopropylbenzene	105	8.047	8.047	(1.097)	16206	2.00000	2.14	
$	74 4-Bromofluorobenzene (S)	95	8.159	8.159	(1.112)	78228	50.0000	49.8	
	75 Bromobenzene	77	8.239	8.239	(1.123)	5024	2.00000	2.18	
	76 1,1,2,2-Tetrachloroethane	83	8.250	8.250	(0.934)	2172	2.00000	2.41	
	79 n-Propylbenzene	91	8.308	8.308	(0.941)	17882	2.00000	2.05	
	80 2-Chlorotoluene	91	8.356	8.357	(0.946)	10218	2.00000	2.07	
	81 1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	12818	2.00000	2.10	
	82 4-Chlorotoluene	126	8.431	8.431	(0.955)	3353	2.00000	2.11	
	83 tert-Butylbenzene	119	8.597	8.597	(0.973)	14527	2.00000	2.05	
	84 1,2,4-Trimethylbenzene	105	8.629	8.629	(0.977)	14071	2.00000	2.27	
	85 sec-Butylbenzene	105	8.720	8.725	(0.987)	19226	2.00000	2.21	
	86 1,3-Dichlorobenzene	146	8.789	8.789	(0.995)	6422	2.00000	2.15	
	87 p-Isopropyltoluene	119	8.805	8.811	(0.997)	15183	2.00000	2.15	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.837	(1.000)	79701	50.0000		
	89 1,4-Dichlorobenzene	146	8.848	8.848	(1.002)	6799	2.00000	2.23	
	90 n-Butylbenzene	91	9.024	9.024	(1.022)	14561	2.00000	2.22	
	91 1,2-Dichlorobenzene	146	9.040	9.040	(1.024)	5342	2.00000	2.10	
	92 1,2-Dibromo-3-chloropropane	155	9.457	9.451	(1.071)	296	2.00000	2.11(M)	NI
	93 1,2,4-Trichlorobenzene	180	9.863	9.857	(1.117)	4253	2.00000	2.23	
	94 Hexachlorobutadiene	225	9.927	9.921	(1.124)	2856	2.00000	2.00	
	95 Naphthalene	128	10.002	9.996	(1.132)	7028	2.00000	2.16	
	96 1,2,3-Trichlorobenzene	180	10.119	10.114	(1.146)	3534	2.00000	2.22	
	97 2,methyl-naphthalene	142	10.632	10.626	(1.204)	3685	2.00000	1.98	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
98 1-Methylnaphthalene	142	10.749	10.744	(1.217)	2924	2.00000	2.03	
99 Isopropyl Acetate	61	3.902	3.881	(0.937)	1924	10.0000	9.22(Q)	
100 Ethyl Acetate	88	2.850	2.845	(0.684)	289	20.0000	15.2(QM)	NI
101 n-amyl Acetate	70	7.945	7.945	(1.908)	5239	2.00000	2.30(Q)	

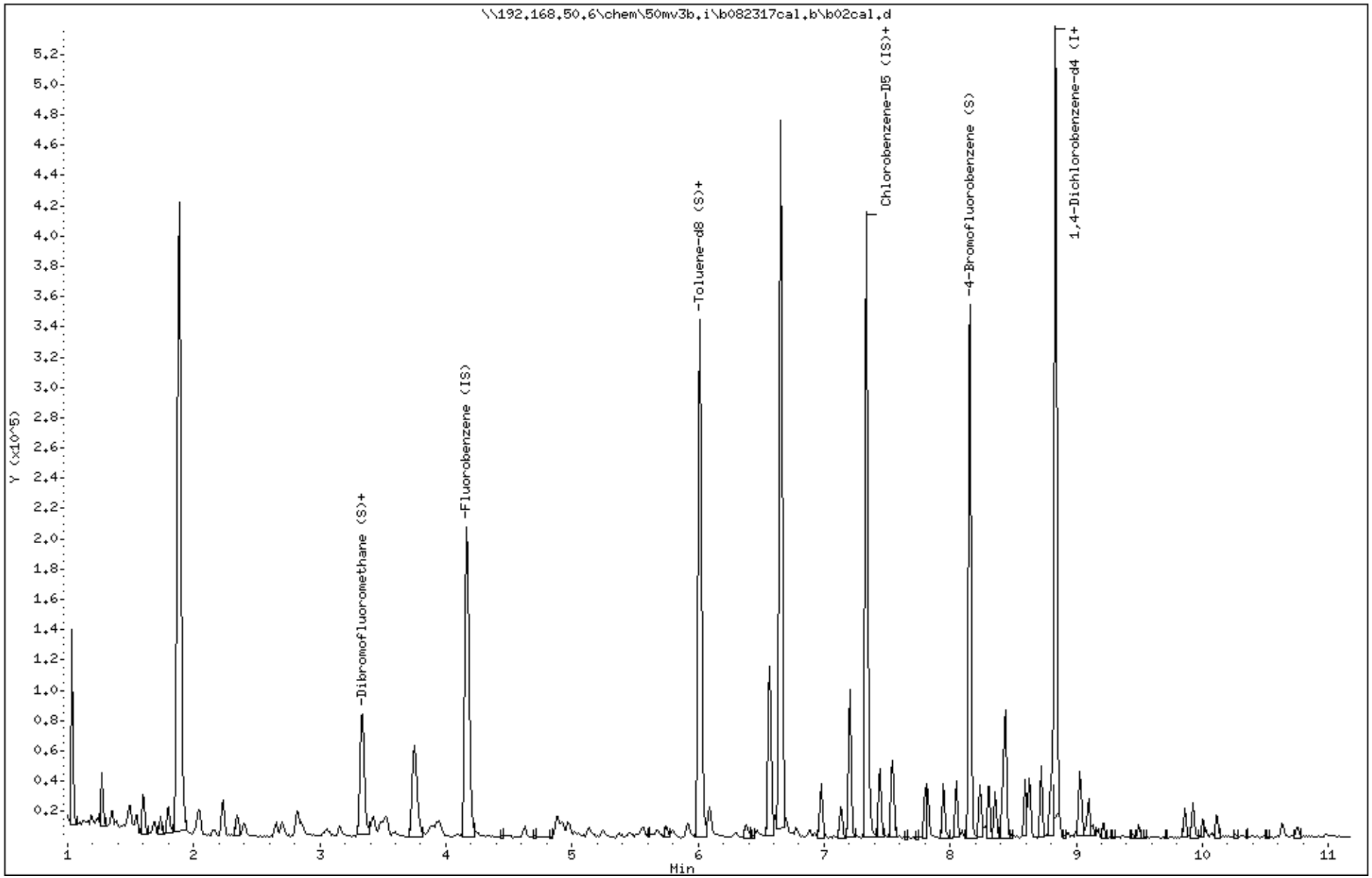
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

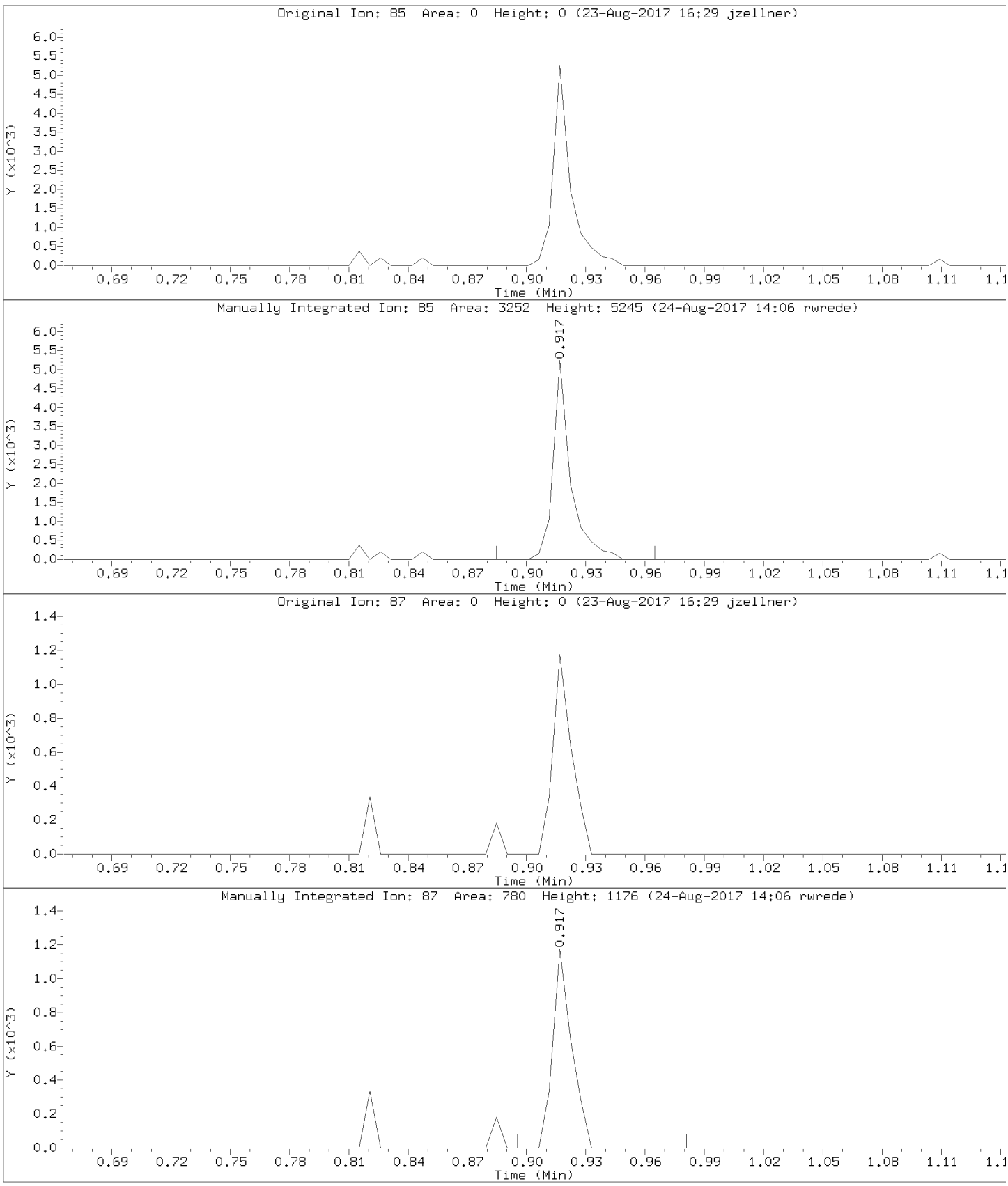
NI: Indicates that the peak was not integrated at all by the computer software.
:
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b02cal.d
Date : 23-AUG-2017 13:21
Client ID: 8260-CAL2
Instrument: 50mv3b.i
Sample Info: 8260-CAL2,156494:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b02cal.d
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Dichlorodifluoromethane Review Code: NI
CAS Number: 156-59-2



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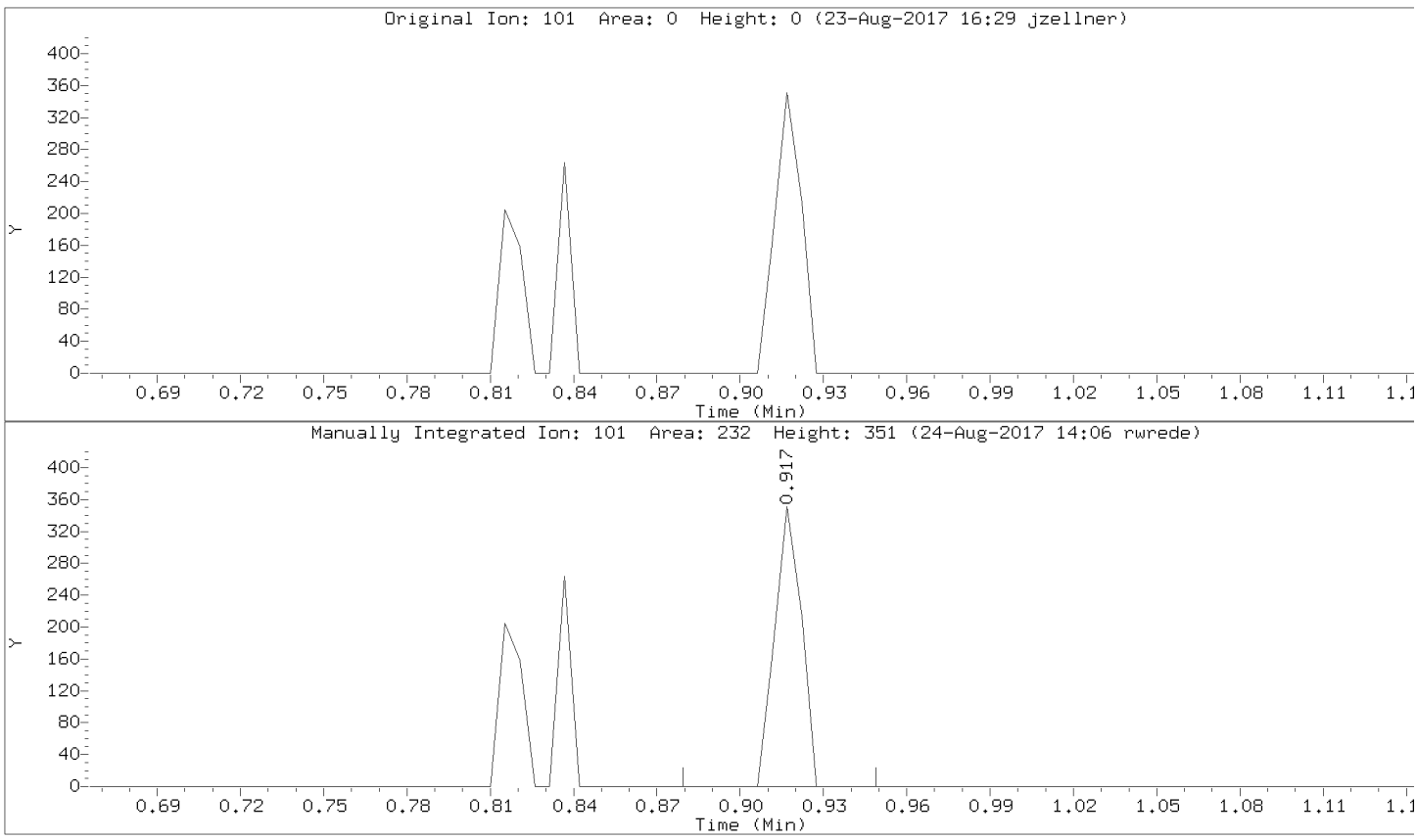
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



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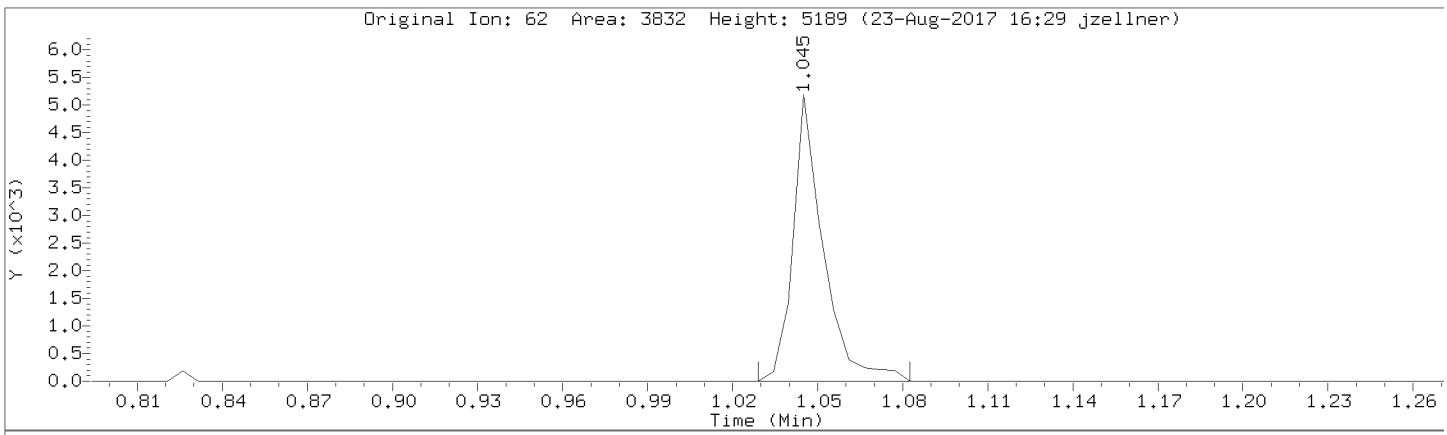
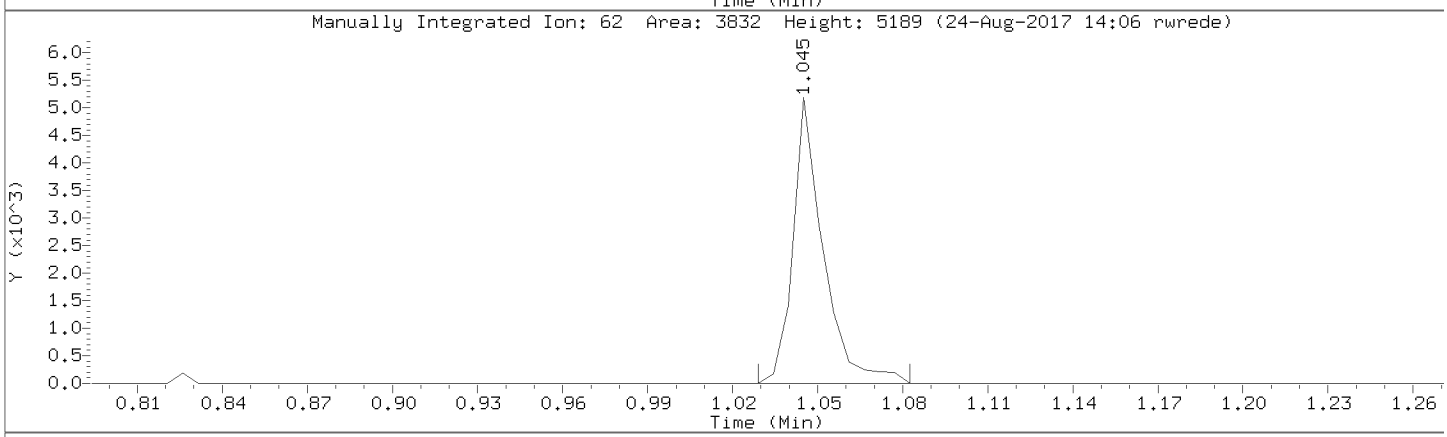
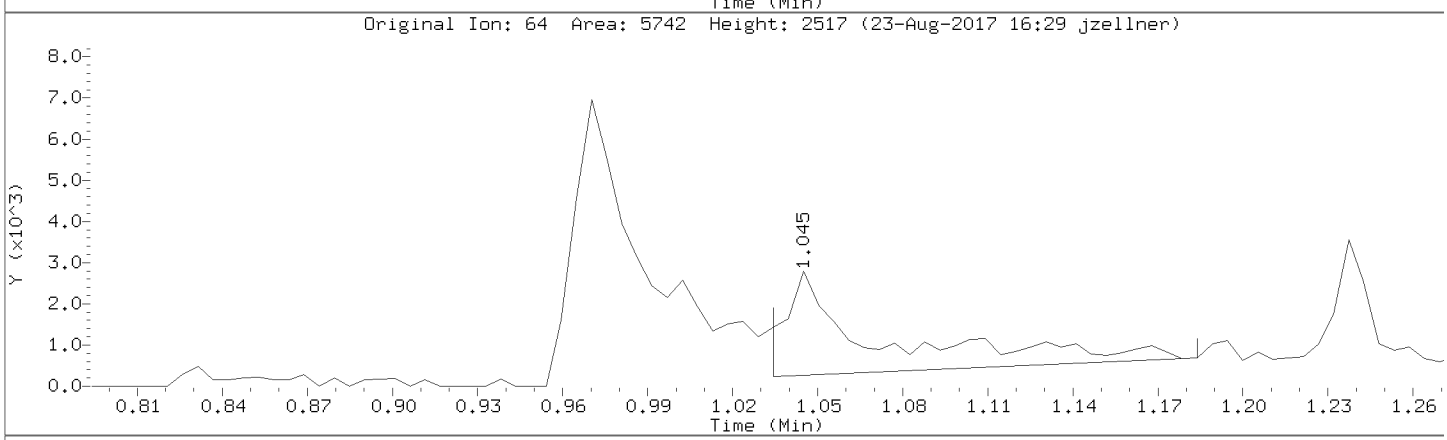
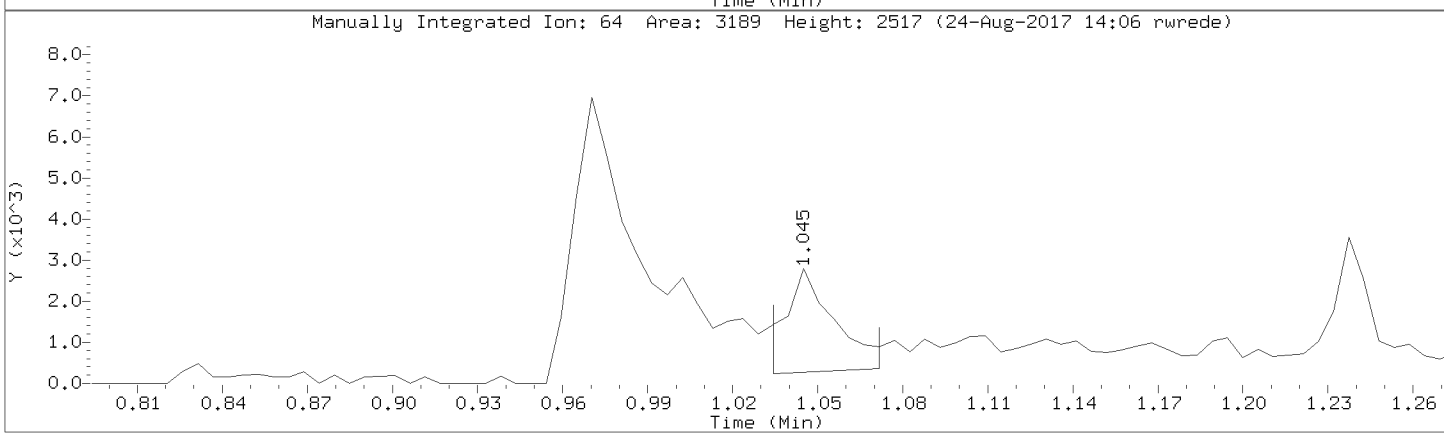
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Vinyl Chloride Review Code: GT
CAS Number: 75-01-4



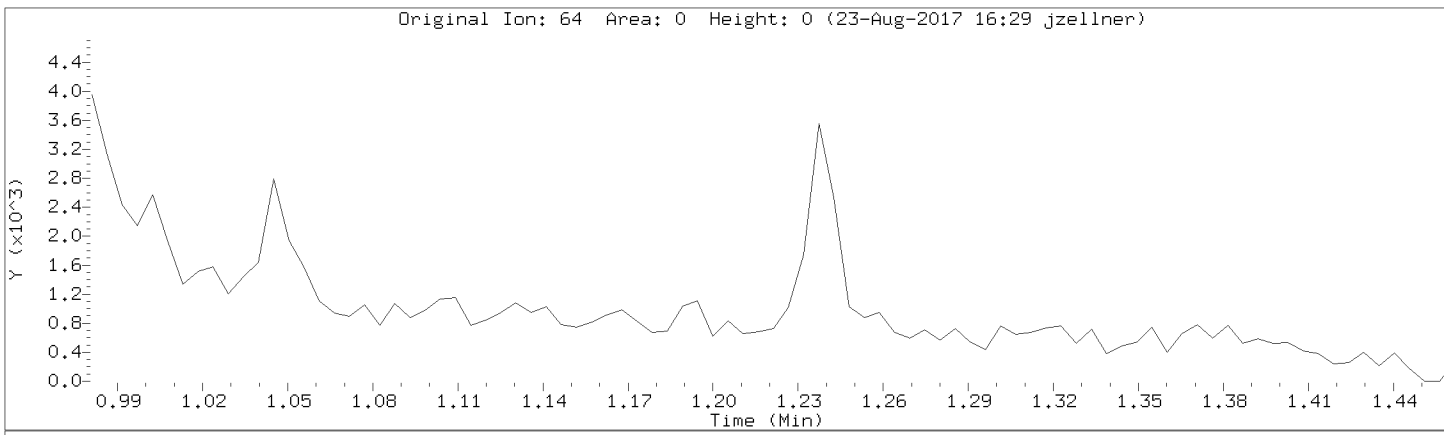


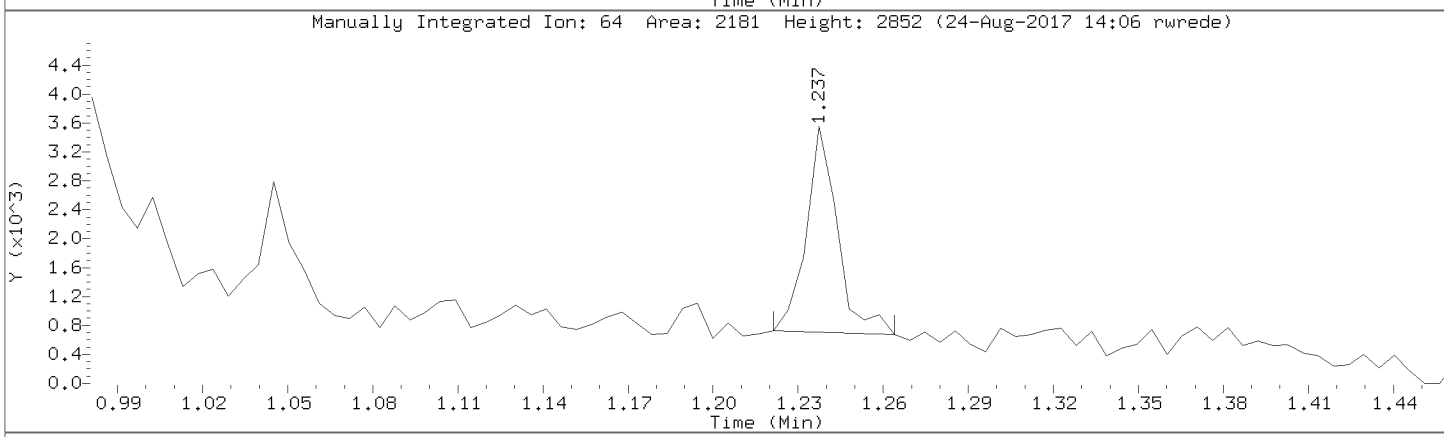


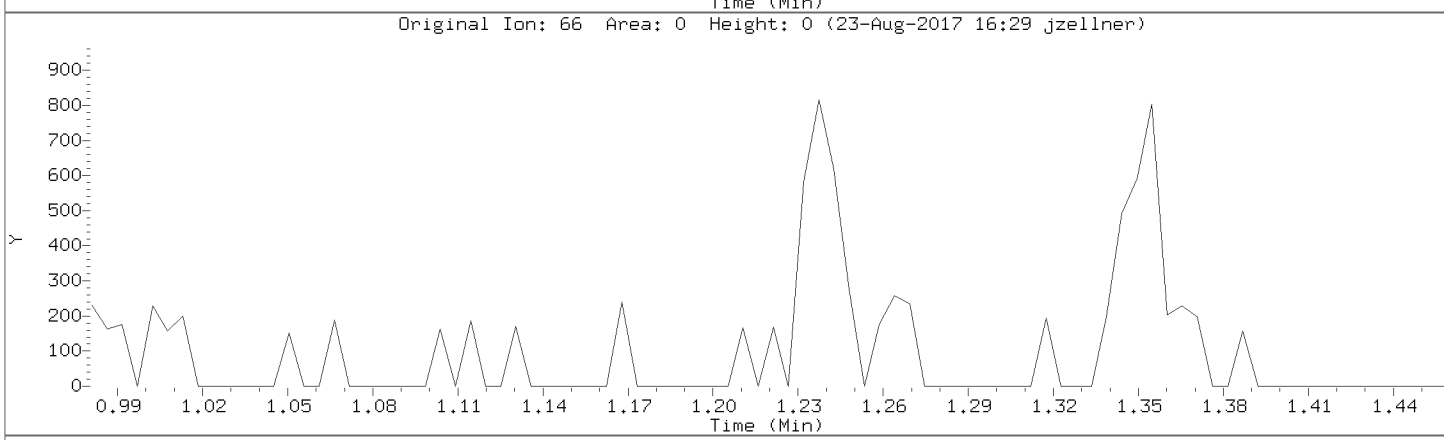


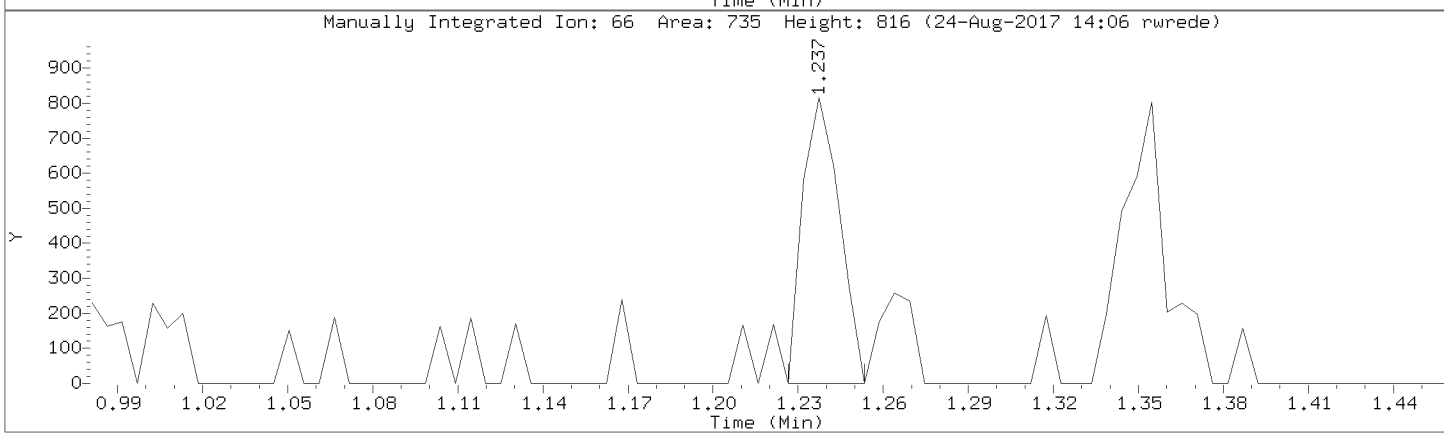
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b02cal.d
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Chloroethane Review Code: NI
CAS Number: 75-00-3



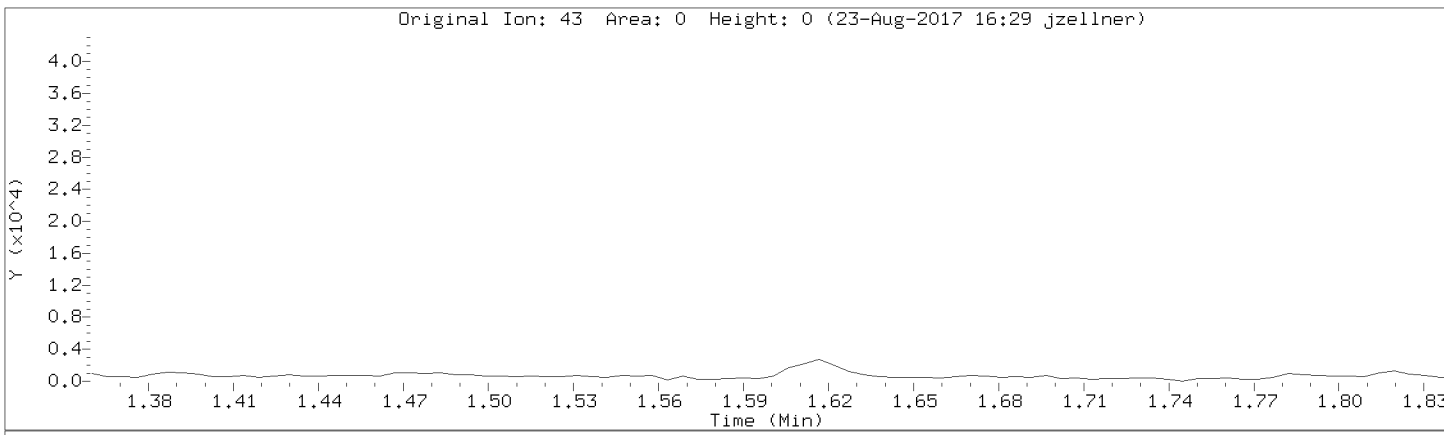


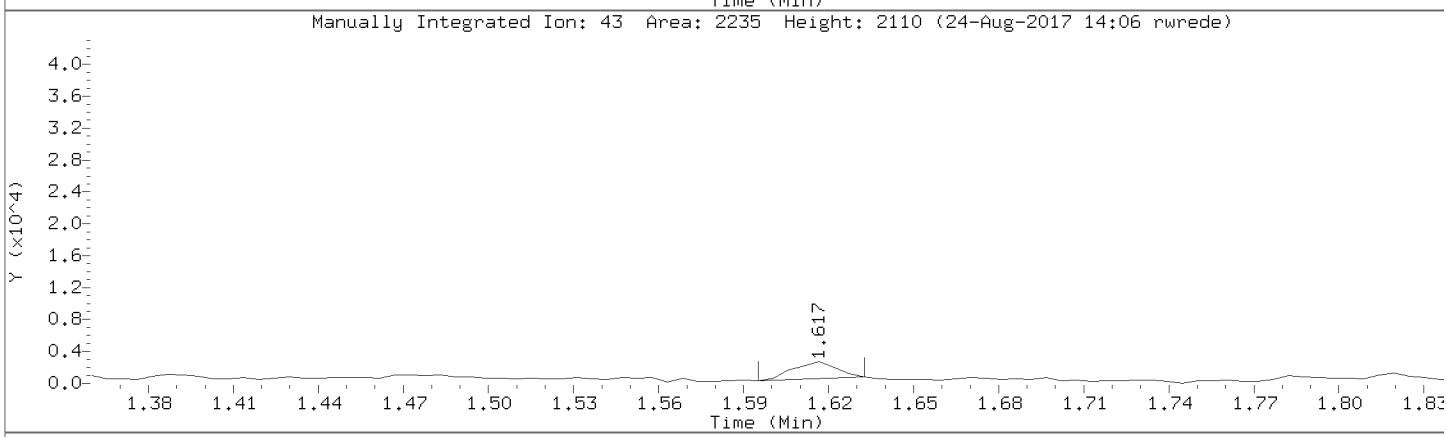


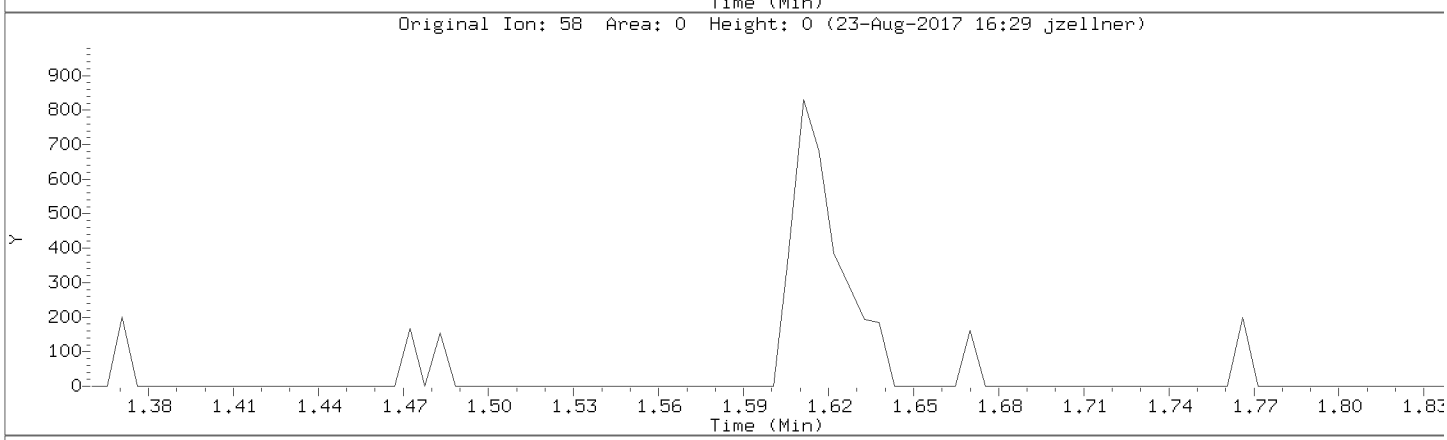


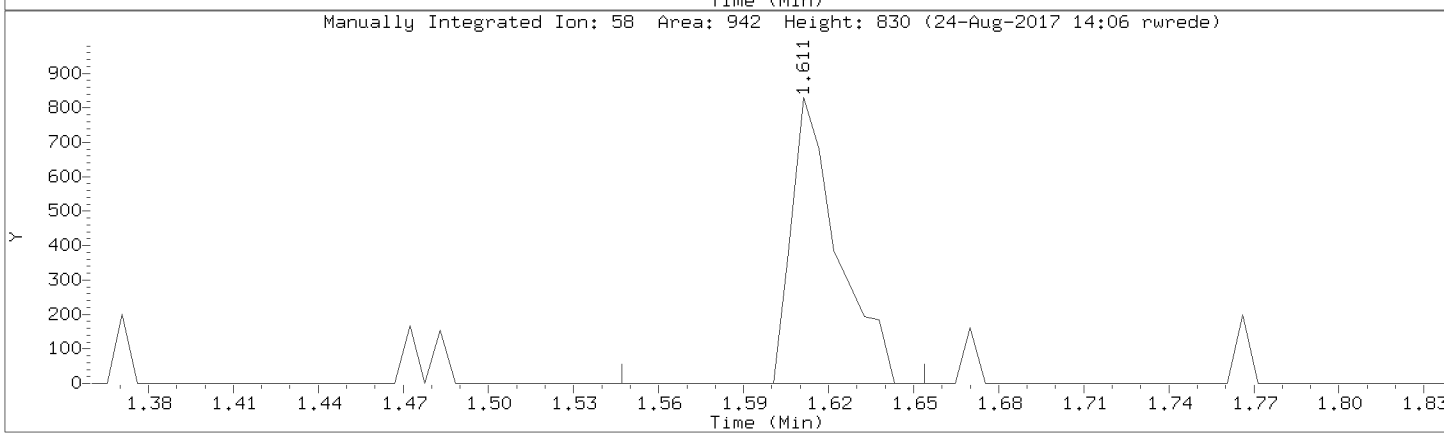
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b02cal.d
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Acetone Review Code: NI
CAS Number: 67-64-1



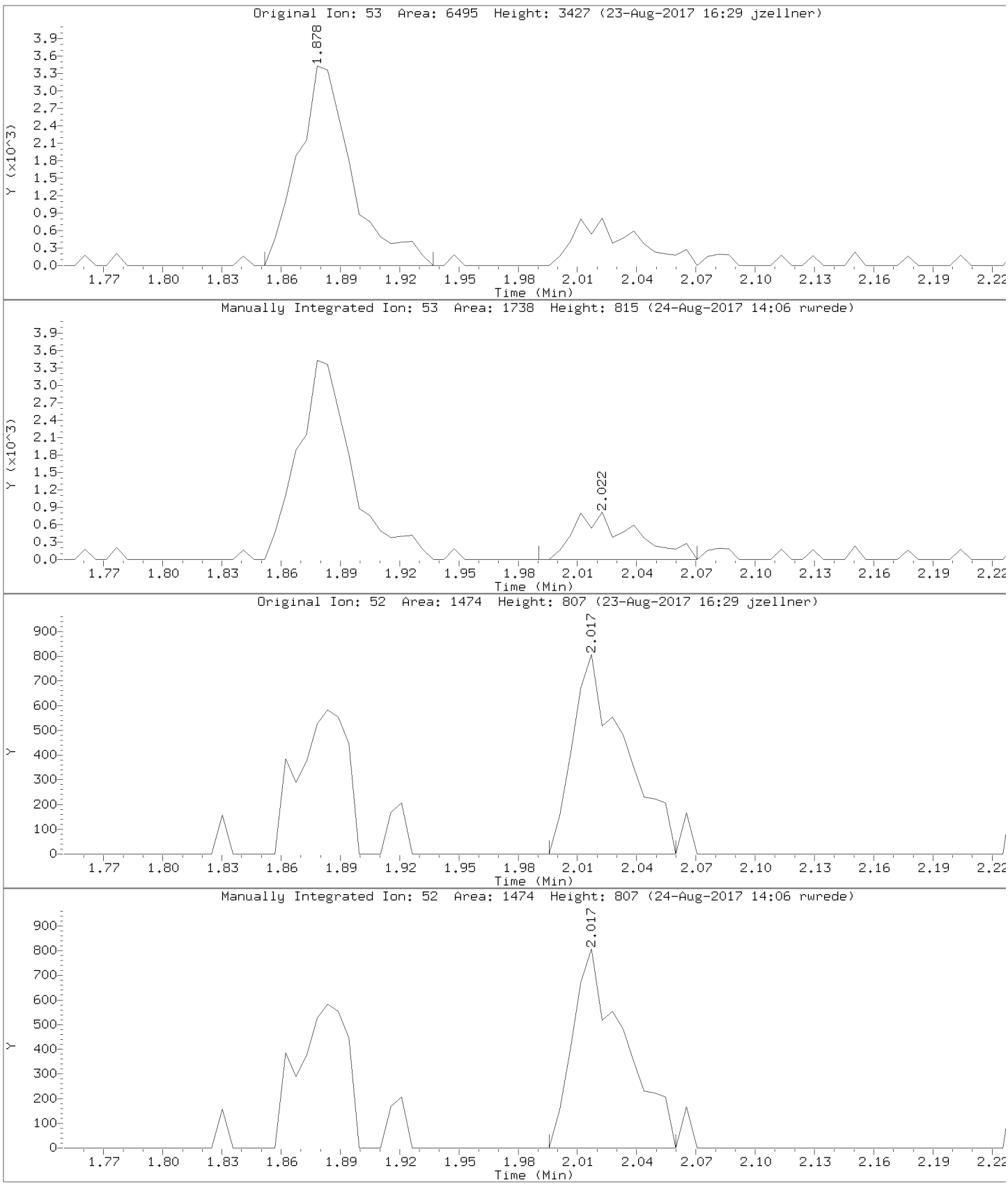






Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b02cal.d
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Acrylonitrile Review Code: WP
CAS Number: 107-13-1



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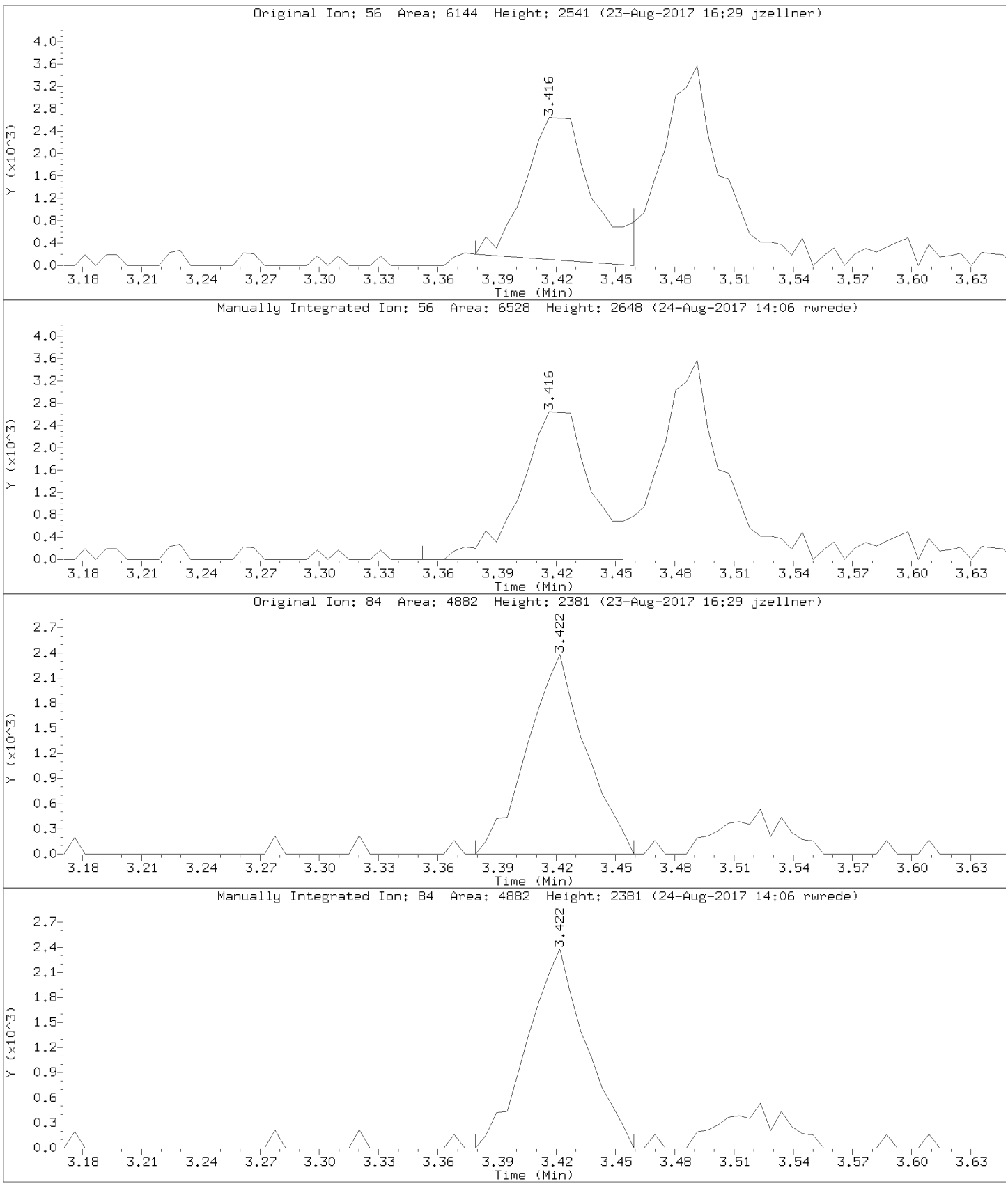
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Cyclohexane Review Code:
CAS Number: 110-82-7



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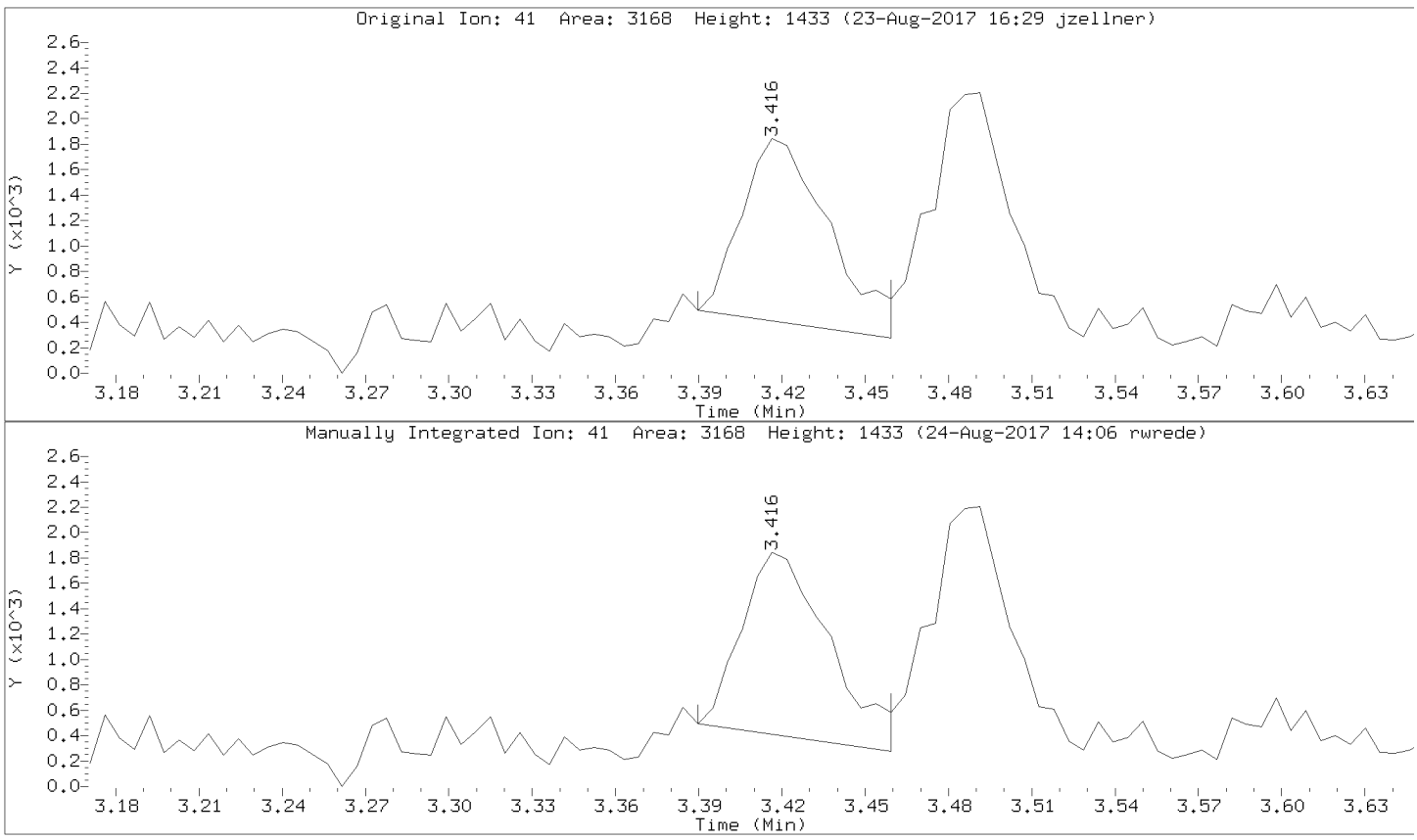
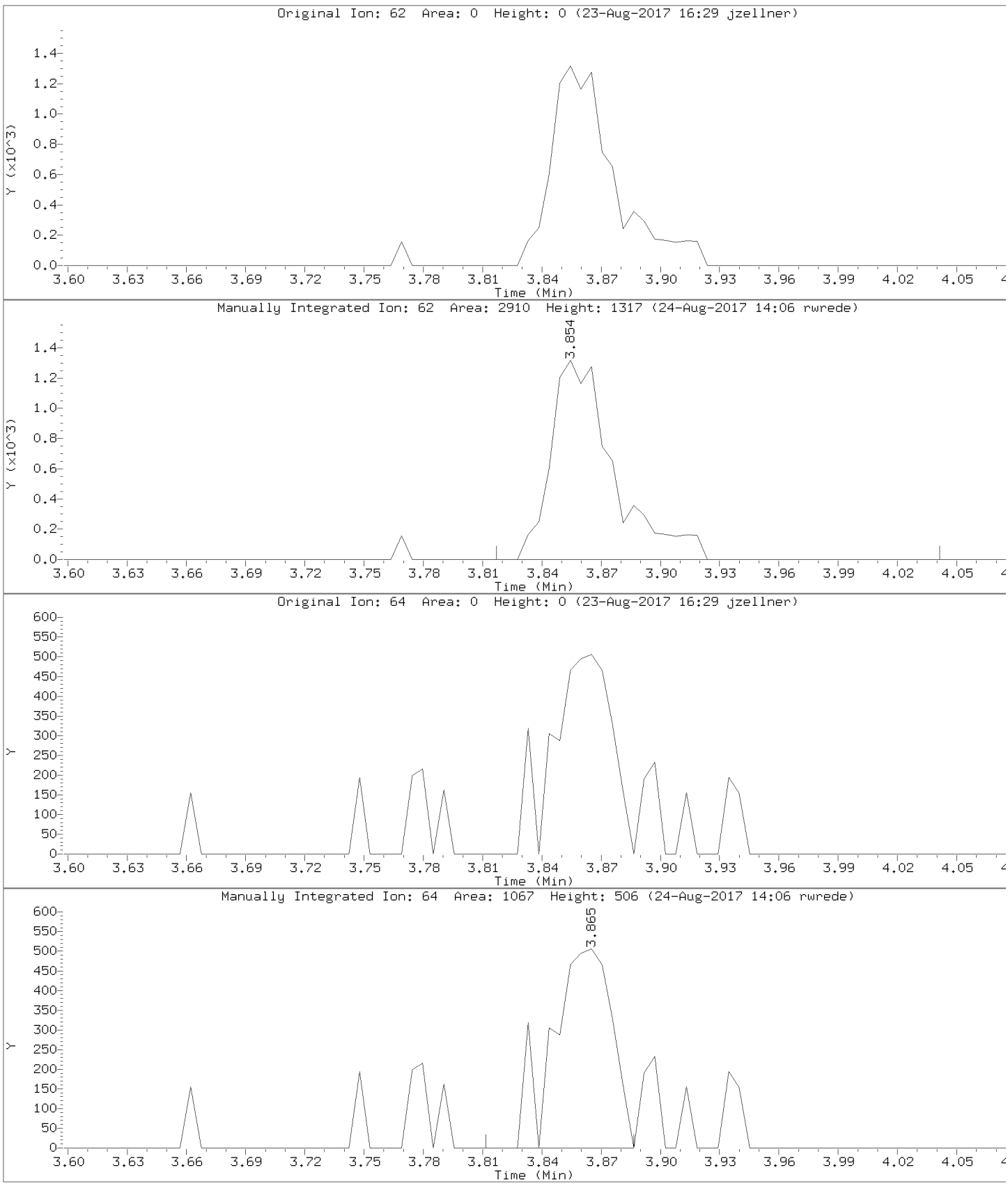
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b02cal.d
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2



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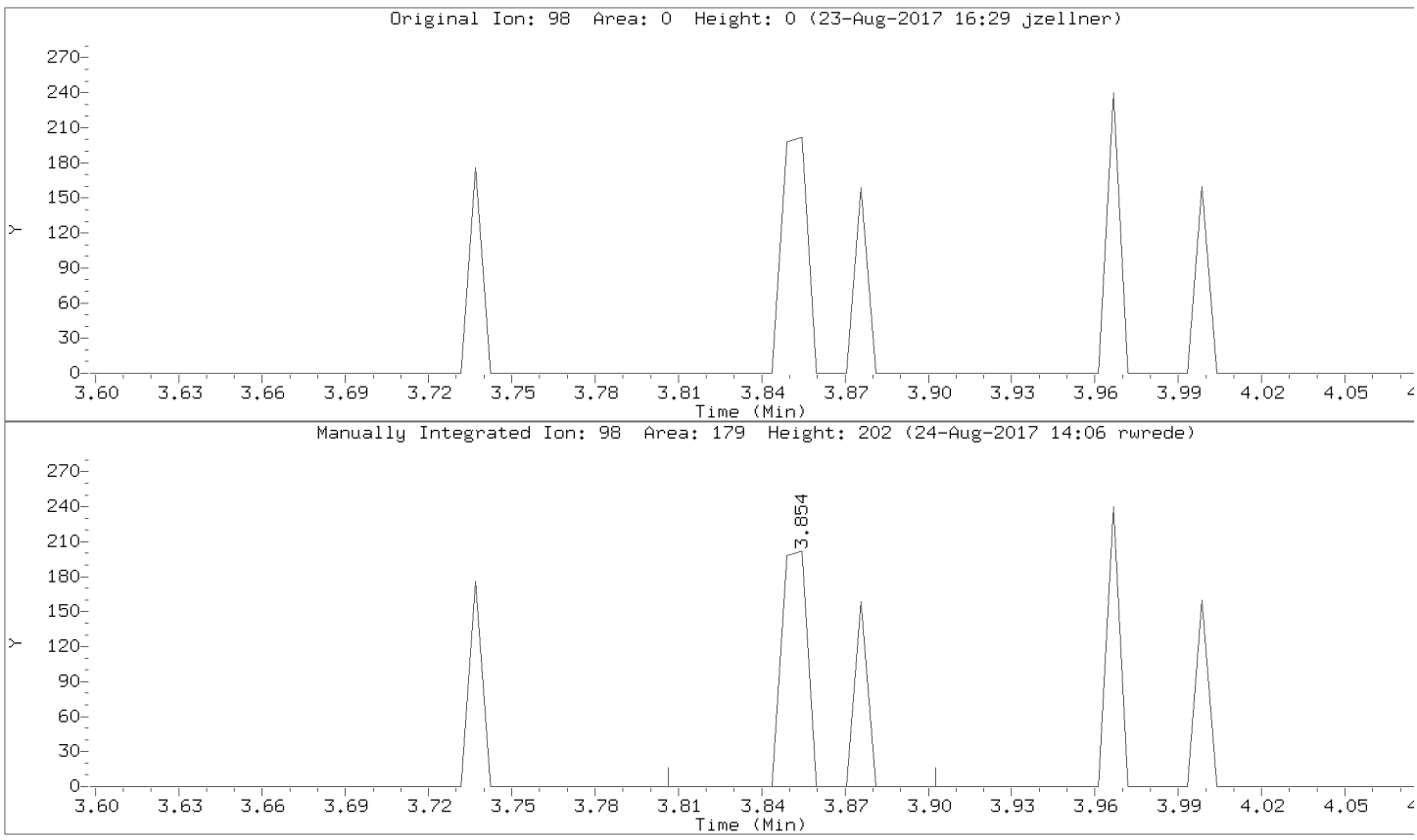
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



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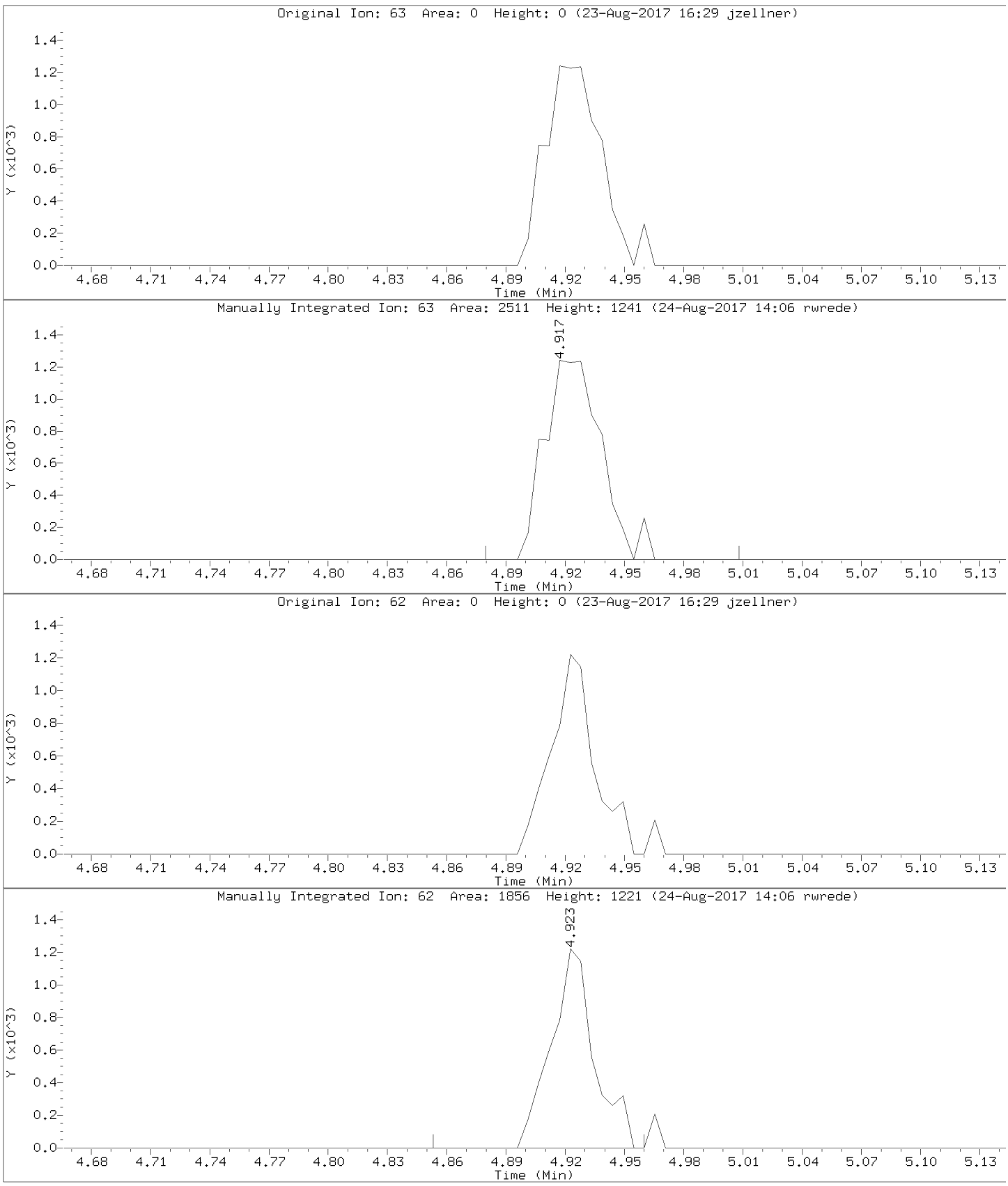
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,2-Dichloropropane Review Code: NI
CAS Number: 78-87-5



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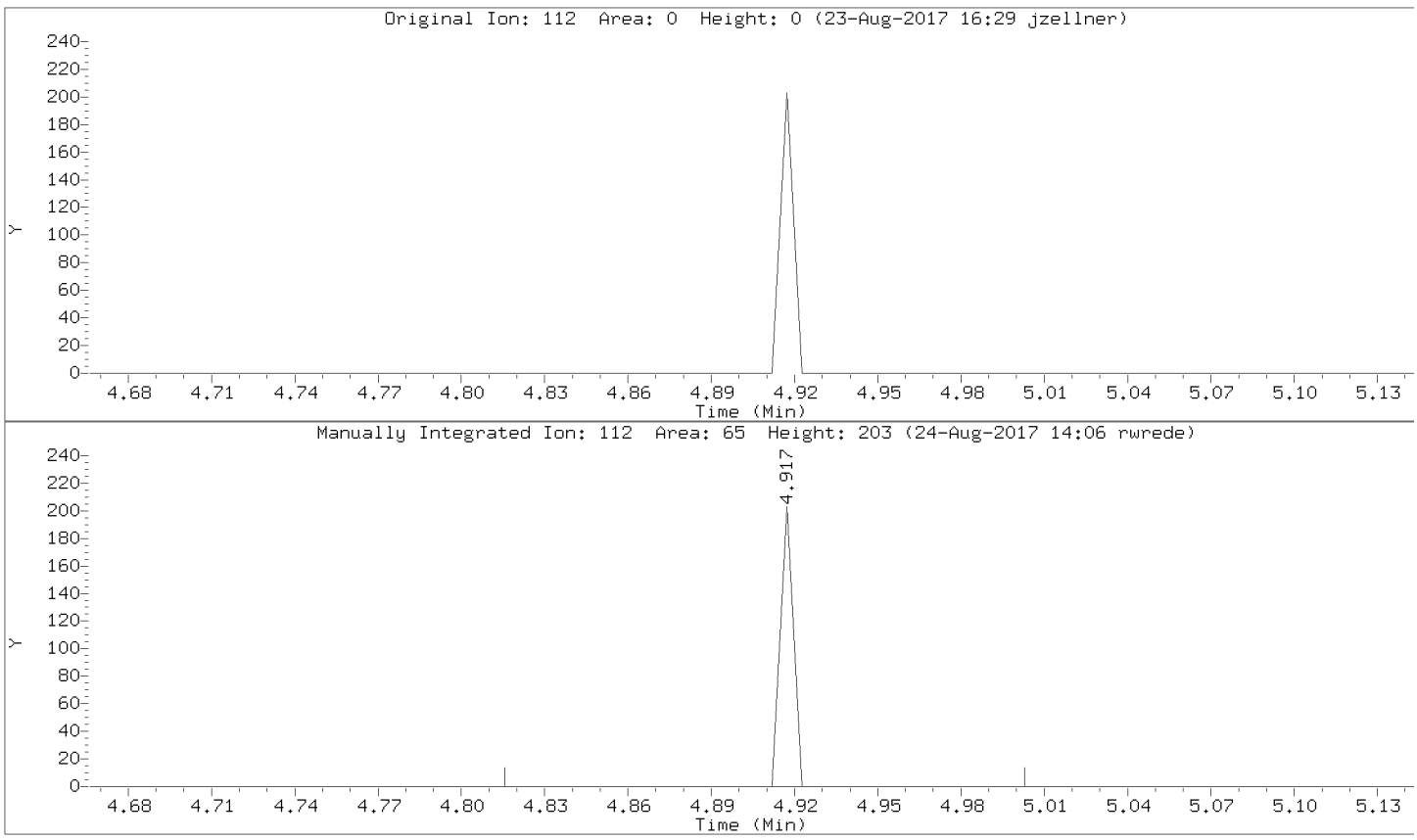
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



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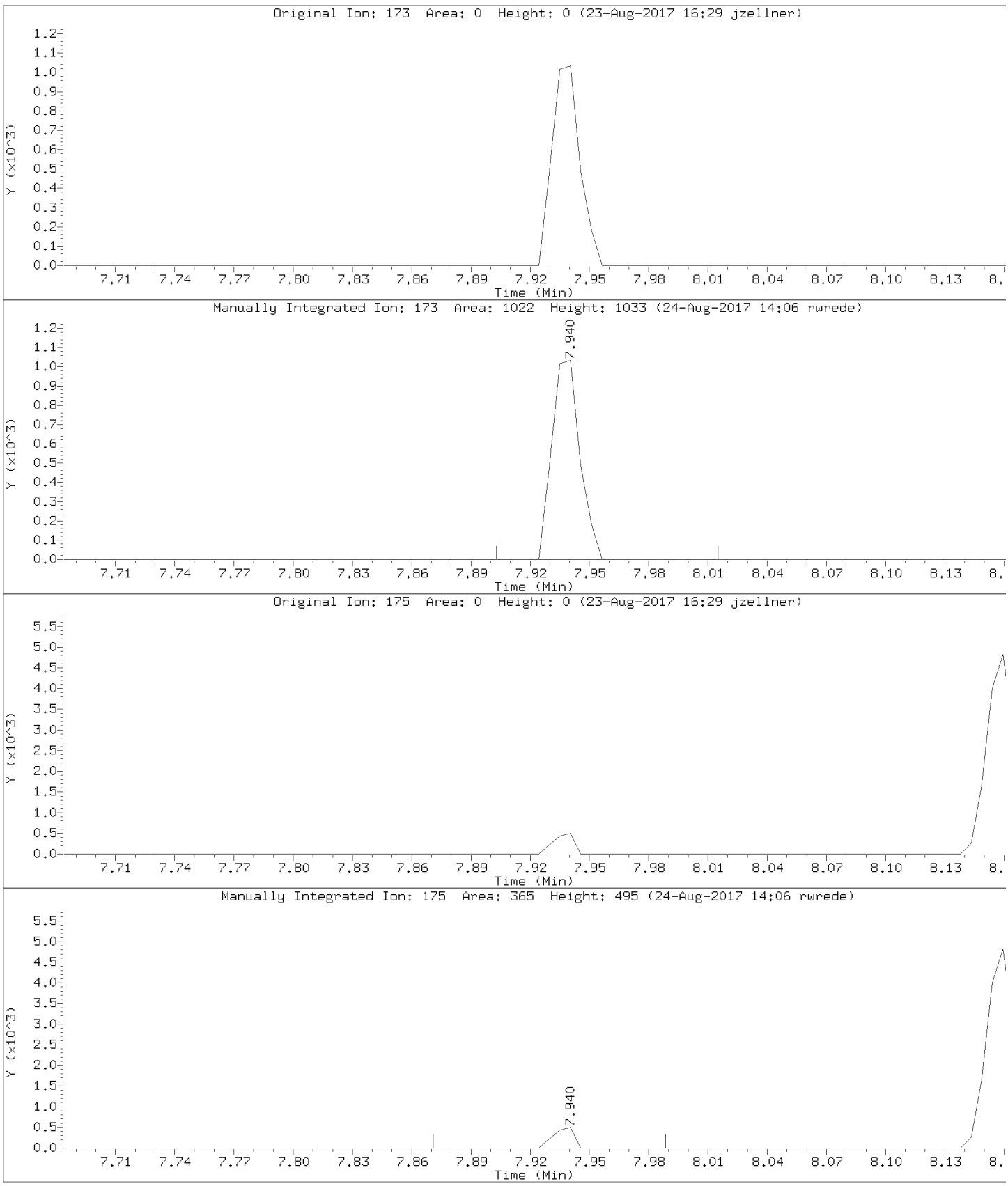
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2



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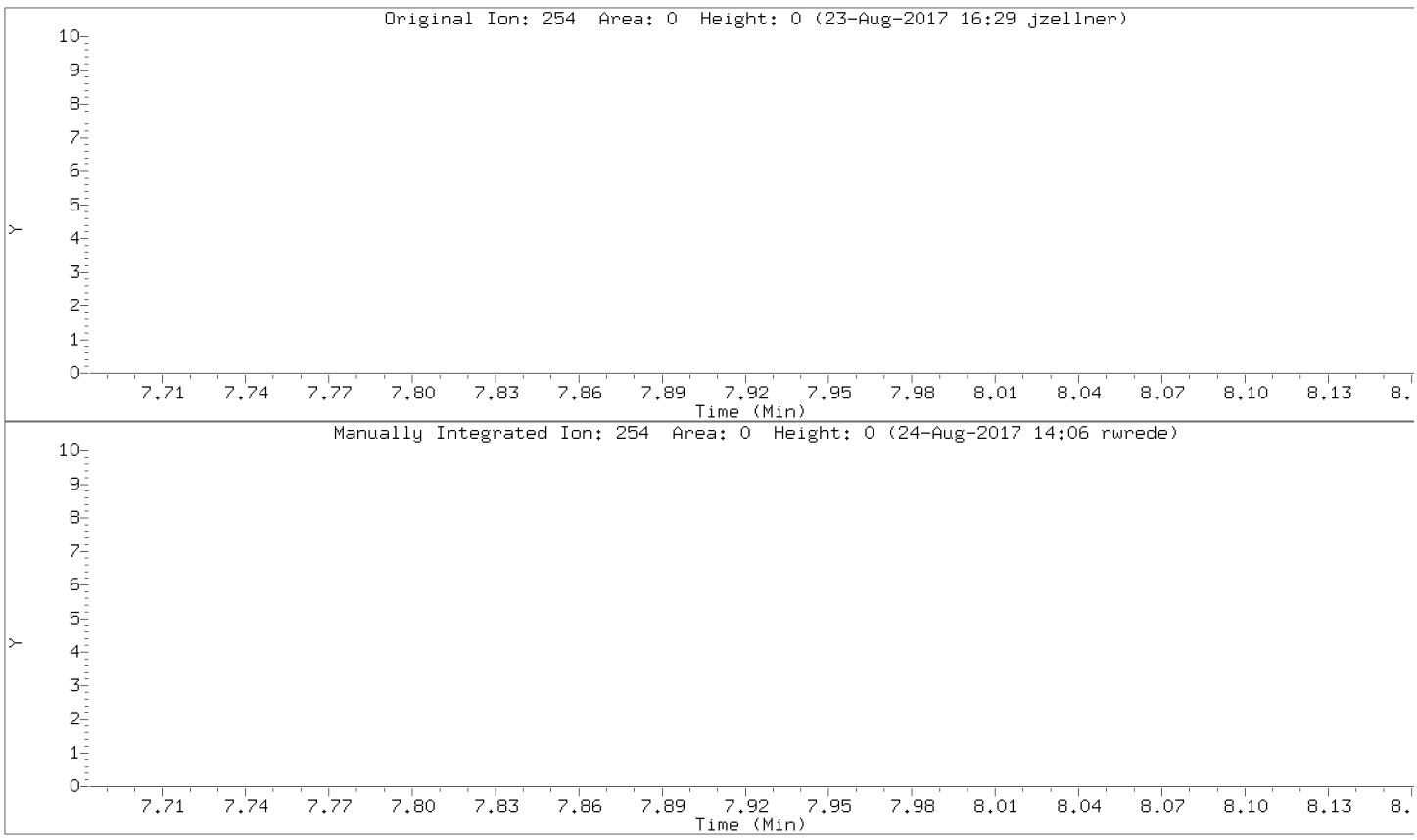
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



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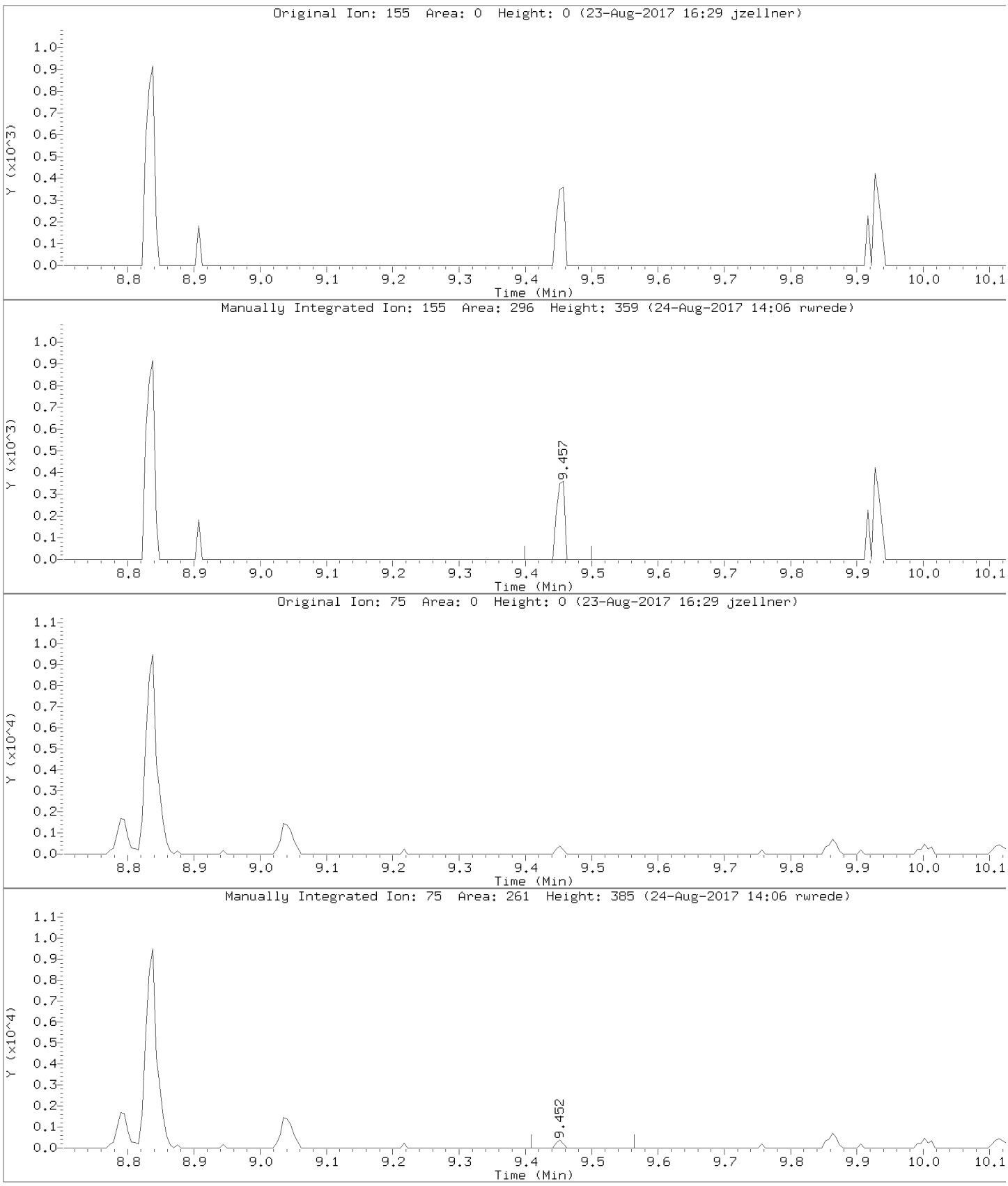
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: 1,2-Dibromo-3-chloropropane Review Code: NI
CAS Number: 96-12-8



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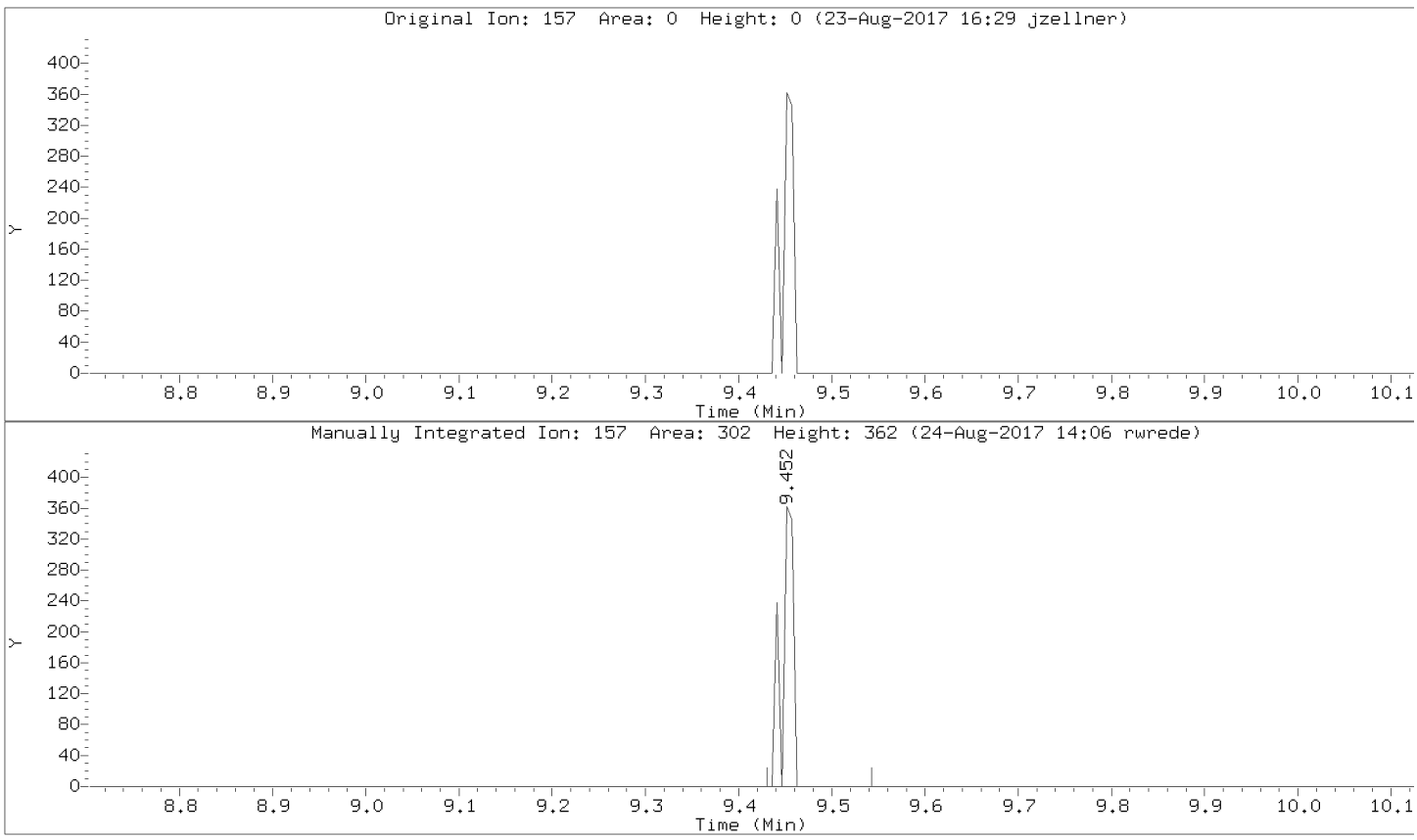
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0



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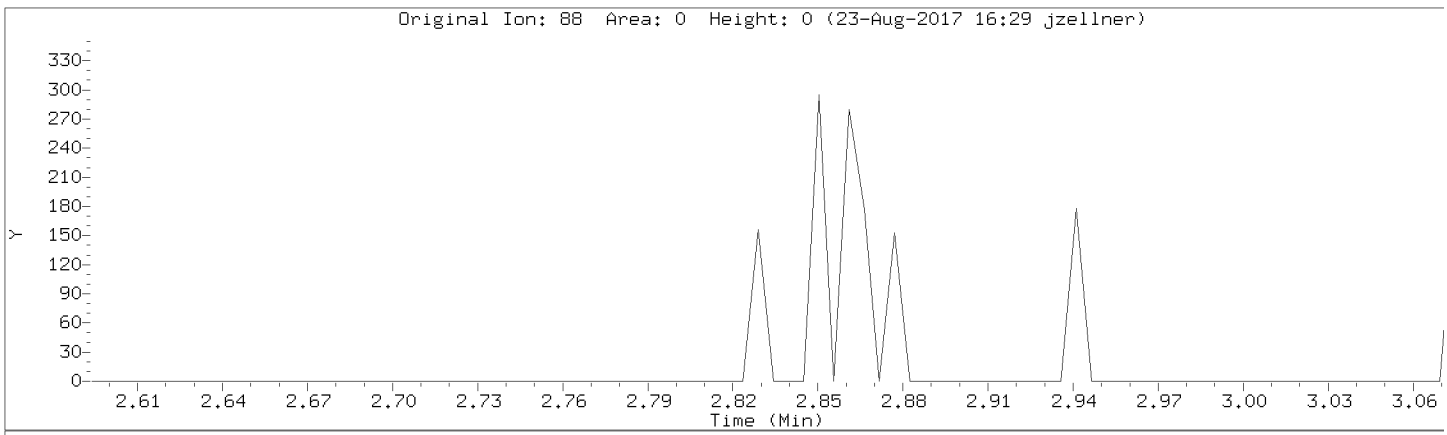
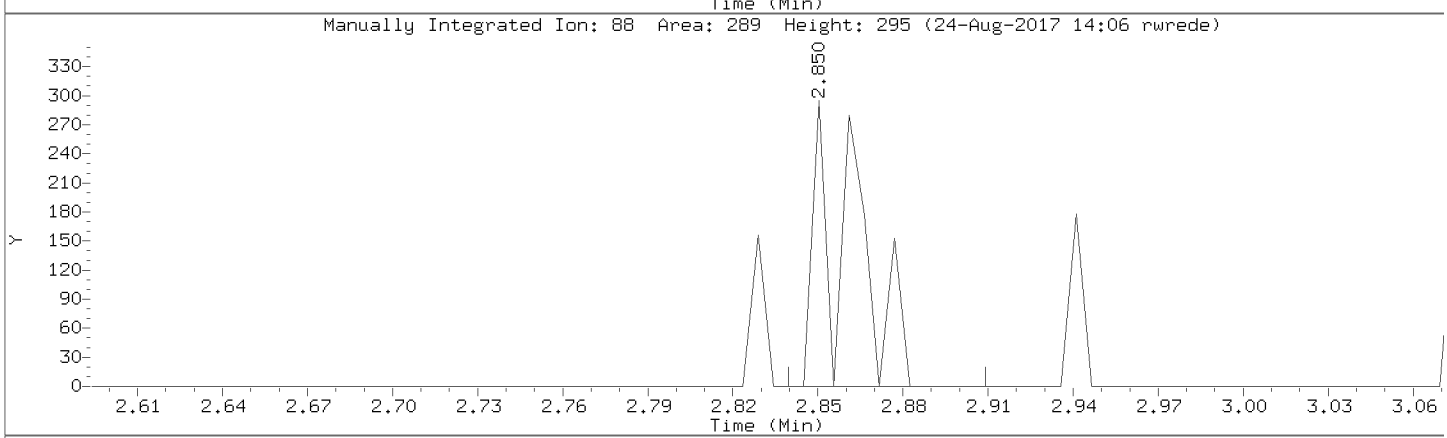
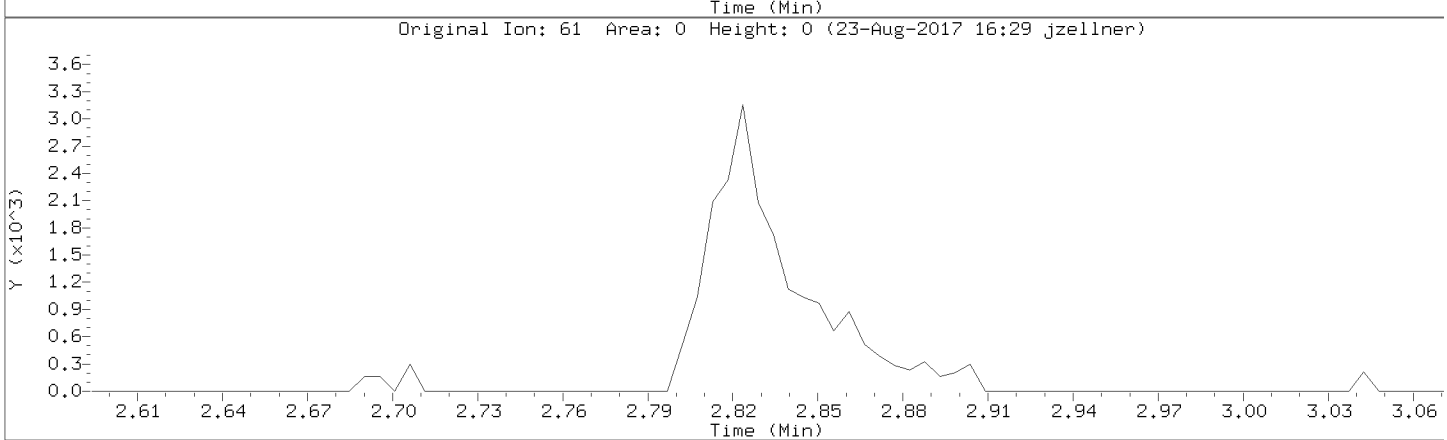
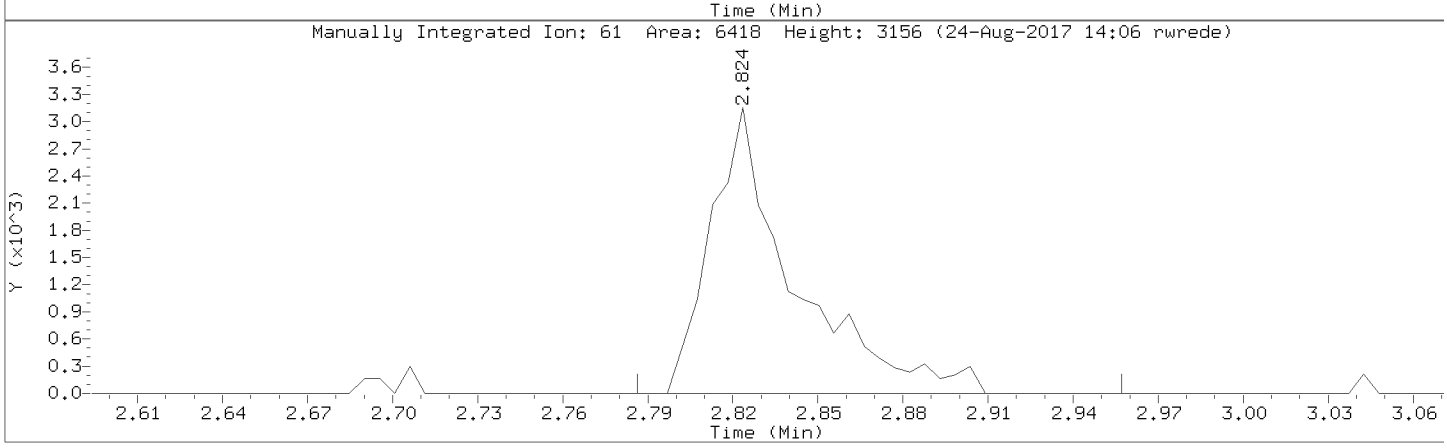
Injection Date: 23-AUG-2017 13:21
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0

Compound: Ethyl Acetate Review Code: NI
CAS Number: 141-78-6









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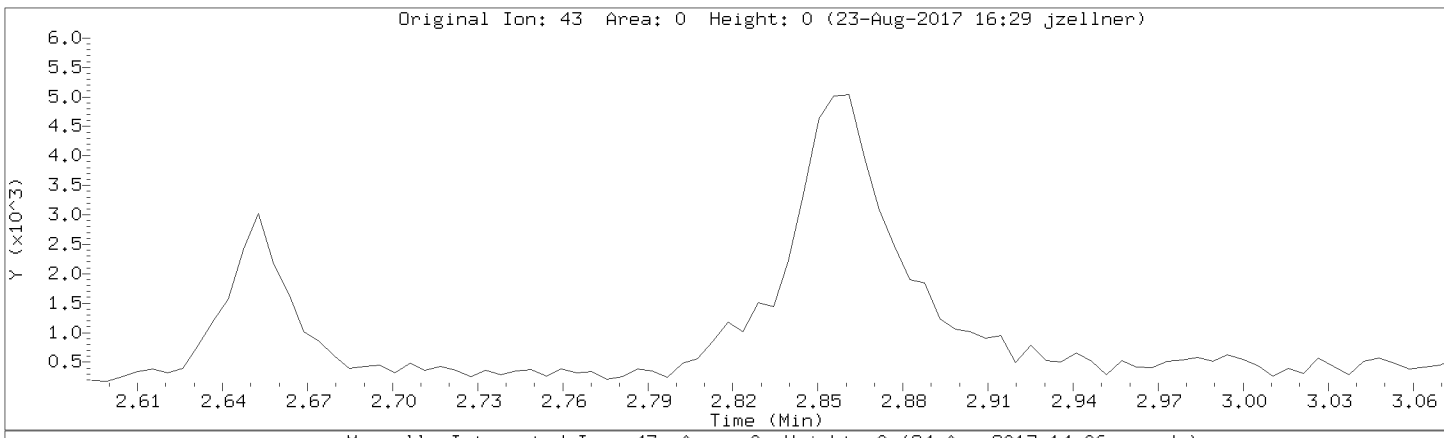
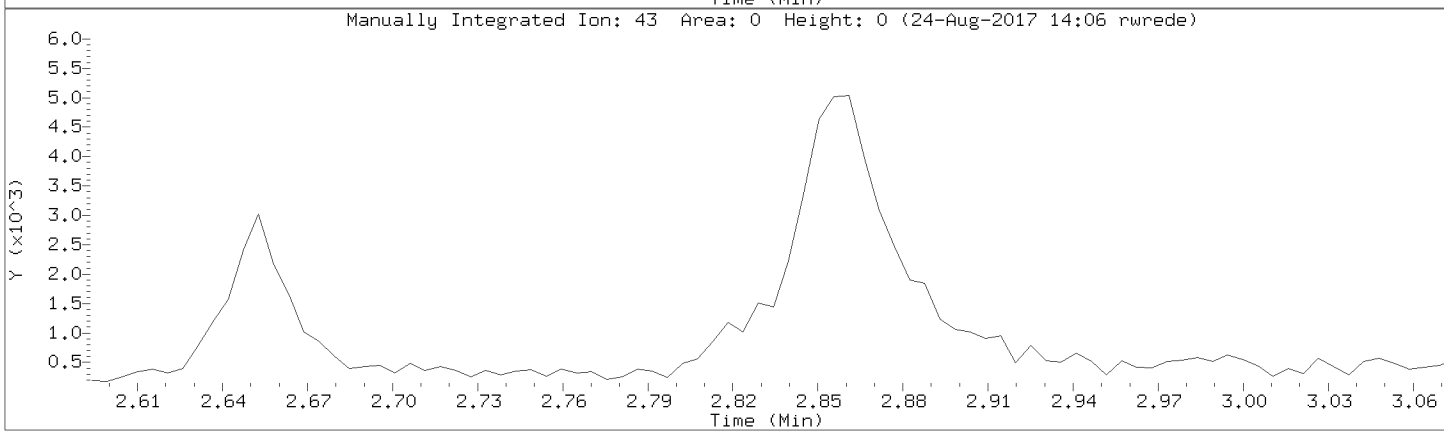
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL2,156494:0





Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b03cal.d
Lab Smp Id: 8260-CAL3,156495:0 Client Smp ID: 8260-CAL3
Inj Date : 23-AUG-2017 13:53
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal3,156495:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 13:53 Cal File: b03cal.d
Als bottle: 8 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.917	0.916	(0.220)	7542	5.00000	4.89(M)	NI
2	Chloromethane	50	0.997	0.997	(0.240)	9190	5.00000	4.89	
3	Vinyl Chloride	62	1.045	1.045	(0.251)	10176	5.00000	5.32(M)	
4	Bromomethane	94	1.189	1.183	(0.286)	3912	5.00000	4.70	
5	Chloroethane	64	1.238	1.232	(0.297)	7732	5.00000	6.49(M)	CO
6	Trichlorofluoromethane	101	1.350	1.349	(0.324)	10854	5.00000	5.14	
7	Diethyl ether	74	1.473	1.472	(0.354)	2899	5.00000	5.01	
8	1,2-dichlorotrifluoroethane	67	1.489	1.488	(0.358)	9715	5.00000	5.21	
9	Acrolein	56	1.542	1.541	(0.370)	9548	100.000	94.8	
10	1,1,2trichlorotrifluoroethane	101	1.595	1.595	(0.383)	7026	5.00000	4.62	
11	1,1-Dichloroethene	96	1.601	1.600	(0.384)	5792	5.00000	4.78	
12	Acetone	43	1.611	1.611	(0.387)	5714	25.0000	31.2	
13	Iodomethane	142	1.686	1.686	(0.405)	12322	10.0000	9.00	
14	Carbon Disulfide	76	1.734	1.734	(0.417)	21504	5.00000	4.93	
15	Methyl Acetate	43	1.788	1.777	(0.429)	1294	5.00000	5.62(M)	NI
16	allyl chloride	41	1.793	1.792	(0.431)	17238	10.0000	9.13	
17	Acetonitrile	39	1.798	1.792	(0.432)	14509	5.00000	5.14	
18	Methylene Chloride	84	1.868	1.868	(0.449)	9041	5.00000	3.63(Q)	
19	tert-Butyl Alcohol	59	1.911	1.910	(0.459)	1397	10.0000	8.38(Q)	
20	Acrylonitrile	53	2.012	2.001	(0.483)	4374	20.0000	21.0(H)	WP
21	Methyl-tert-butyl ether	73	2.028	2.033	(0.487)	13323	5.00000	5.06	
22	1,2-Dichloroethene (trans)	96	2.044	2.043	(0.491)	7003	5.00000	5.25	
23	n-Hexane	57	2.226	2.225	(0.534)	14381	5.00000	5.58	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.338	2.332	(0.561)	31628	20.0000	20.0	
	25 1,1-Dichloroethane	63	2.343	2.342	(0.563)	11857	5.00000	5.08	
	26 Chloroprene	53	2.402	2.401	(0.577)	10743	5.00000	4.70	
	27 2-Butanone	72	2.824	2.802	(0.678)	1168	25.0000	19.8(Q)	
	28 1,2-Dichloroethene (cis)	96	2.824	2.818	(0.678)	6963	5.00000	4.97	
	29 2,2-Dichloropropane	77	2.824	2.823	(0.678)	10782	5.00000	4.99	
	30 Propionitrile	54	2.920	2.855	(0.701)	195	5.00000	5.42(QM)	NI
	31 Methacrylonitrile	41	3.016	3.005	(0.724)	1219	5.00000	0.361(QM)	
	32 Bromochloromethane	49	3.059	3.048	(0.735)	4105	5.00000	4.97	
	33 Tetrahydrofuran	42	3.070	3.069	(0.737)	1277	5.00000	3.76(M)	NI
	34 Chloroform	83	3.160	3.160	(0.759)	10800	5.00000	4.82	
$	35 Dibromofluoromethane (S)	113	3.331	3.336	(0.800)	50760	50.0000	51.5	
	36 1,1,1-Trichloroethane	97	3.331	3.336	(0.800)	11070	5.00000	4.89	
	37 Cyclohexane	56	3.422	3.422	(0.822)	13893	5.00000	4.88(M)	LT
	151 n-Butyl chloride	56	3.481	3.480	(0.836)	15134	5.00000	5.16	
	38 Carbon Tetrachloride	117	3.518	3.518	(0.845)	9048	5.00000	4.67	
	39 1,1-Dichloropropene	75	3.529	3.523	(0.847)	9561	5.00000	4.87	
	40 Benzene	78	3.769	3.763	(0.905)	23757	5.00000	4.76	
	41 1,2-Dichloroethane	62	3.849	3.849	(0.924)	6485	5.00000	5.08(M)	NI
	42 Isobutyl alcohol	43	3.892	3.881	(0.935)	31300	5.00000	5.86	
	43 2,2,4-Trimethylpentane	57	3.940	3.945	(0.946)	27096	5.00000	4.63	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	204812	50.0000		
	45 Trichloroethene	95	4.624	4.612	(1.110)	6864	5.00000	4.98	
	46 Methylcyclohexane	55	4.880	4.885	(1.172)	10173	5.00000	4.54	
	47 1,2-Dichloropropane	63	4.923	4.917	(1.182)	5259	5.00000	4.46	
	48 Methyl methacrylate	69	5.062	5.034	(1.215)	2582	5.00000	5.54(M)	NI
	49 Dibromomethane	93	5.019	5.013	(1.205)	2627	5.00000	5.23	
	50 1,4-Dioxane	88	5.046	5.024	(1.212)	674	100.000	102(QM)	NI
	51 Bromodichloromethane	83	5.243	5.243	(1.259)	7687	5.00000	5.20(M)	NI
	52 2-Chloroethyl vinyl ether	63	5.607	5.595	(0.764)	2704	10.0000	9.14(M)	NI
	53 cis-1,3-Dichloropropene	75	5.745	5.739	(0.783)	8153	5.00000	4.47	
	54 4-Methyl-2-Pentanone	43	5.916	5.910	(0.806)	15150	25.0000	24.5	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	210607	50.0000	49.6	
	56 Toluene	91	6.087	6.087	(0.830)	28915	5.00000	4.76	
	57 trans-1,3-Dichloropropene	75	6.376	6.370	(0.869)	7033	5.00000	4.85	
	58 Ethyl Methacrylate	69	6.466	6.455	(0.881)	5810	5.00000	5.35(M)	NI
	59 1,1,2-Trichloroethane	83	6.557	6.557	(0.894)	3603	5.00000	5.10(Q)	
	60 Tetrachloroethene	166	6.611	6.610	(0.901)	7049	5.00000	4.47	
	61 1,3-Dichloropropane	76	6.696	6.695	(0.913)	6346	5.00000	4.72	
	62 2-Hexanone	43	6.771	6.765	(0.923)	9464	25.0000	23.7	
	63 Dibromochloromethane	129	6.883	6.882	(0.938)	4816	5.00000	4.90	
	64 1,2-Dibromoethane	107	6.969	6.968	(0.950)	3544	5.00000	4.68	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	160781	50.0000		
	66 Chlorobenzene	112	7.358	7.358	(1.003)	17004	5.00000	4.72	
	67 1,1,1,2-Tetrachloroethane	131	7.439	7.438	(1.014)	5264	5.00000	4.30	
	68 Ethylbenzene	106	7.444	7.443	(1.015)	10953	5.00000	4.45	
	69 m&p-Xylene	106	7.540	7.545	(1.028)	27505	10.0000	9.25	
	70 o-Xylene	106	7.802	7.801	(1.063)	12874	5.00000	4.74	
	71 Styrene	104	7.818	7.817	(1.065)	21441	5.00000	4.66	
	72 Bromoform	173	7.935	7.935	(0.898)	2578	5.00000	4.67(M)	NI
	73 Isopropylbenzene	105	8.047	8.047	(1.097)	35387	5.00000	4.60	
$	74 4-Bromofluorobenzene (S)	95	8.154	8.159	(1.111)	80433	50.0000	50.4	
	75 Bromobenzene	77	8.234	8.239	(1.122)	11040	5.00000	4.72	
	76 1,1,2,2-Tetrachloroethane	83	8.250	8.250	(0.934)	4389	5.00000	4.76	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.266	8.271	(1.127)	996	5.00000	4.40(QM)	WP
78	1,2,3-Trichloropropane	110	8.277	8.276	(0.937)	1350	5.00000	5.01	
79	n-Propylbenzene	91	8.304	8.308	(0.940)	40898	5.00000	4.58	
80	2-Chlorotoluene	91	8.357	8.357	(0.946)	22701	5.00000	4.50	
81	1,3,5-Trimethylbenzene	105	8.416	8.415	(0.953)	27889	5.00000	4.47	
82	4-Chlorotoluene	126	8.427	8.431	(0.954)	7842	5.00000	4.82	
83	tert-Butylbenzene	119	8.598	8.597	(0.973)	33601	5.00000	4.64	
84	1,2,4-Trimethylbenzene	105	8.630	8.629	(0.977)	28117	5.00000	4.44	
85	sec-Butylbenzene	105	8.720	8.725	(0.987)	39983	5.00000	4.49	
86	1,3-Dichlorobenzene	146	8.790	8.789	(0.995)	13794	5.00000	4.52	
87	p-Isopropyltoluene	119	8.806	8.811	(0.997)	33408	5.00000	4.62	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.837	(1.000)	81546	50.0000		
89	1,4-Dichlorobenzene	146	8.849	8.848	(1.002)	13867	5.00000	4.45	
90	n-Butylbenzene	91	9.025	9.024	(1.022)	30545	5.00000	4.55	
91	1,2-Dichlorobenzene	146	9.041	9.040	(1.024)	11783	5.00000	4.54	
92	1,2-Dibromo-3-chloropropane	155	9.452	9.451	(1.070)	603	5.00000	4.21(M)	NI
93	1,2,4-Trichlorobenzene	180	9.863	9.857	(1.117)	9439	5.00000	4.83	
94	Hexachlorobutadiene	225	9.927	9.921	(1.124)	6975	5.00000	4.77	
95	Naphthalene	128	10.002	9.996	(1.132)	16049	5.00000	4.82	
96	1,2,3-Trichlorobenzene	180	10.114	10.114	(1.145)	7649	5.00000	4.69	
97	2,methyl-naphthalene	142	10.638	10.626	(1.204)	9268	5.00000	4.88	
98	1-Methylnaphthalene	142	10.750	10.744	(1.217)	6511	5.00000	4.42	
99	Isopropyl Acetate	61	3.881	3.881	(0.932)	5127	25.0000	24.0(Q)	
100	Ethyl Acetate	88	2.856	2.845	(0.686)	1007	50.0000	51.6(Q)	
101	n-amyl Acetate	70	7.946	7.945	(1.908)	11527	5.00000	4.94	

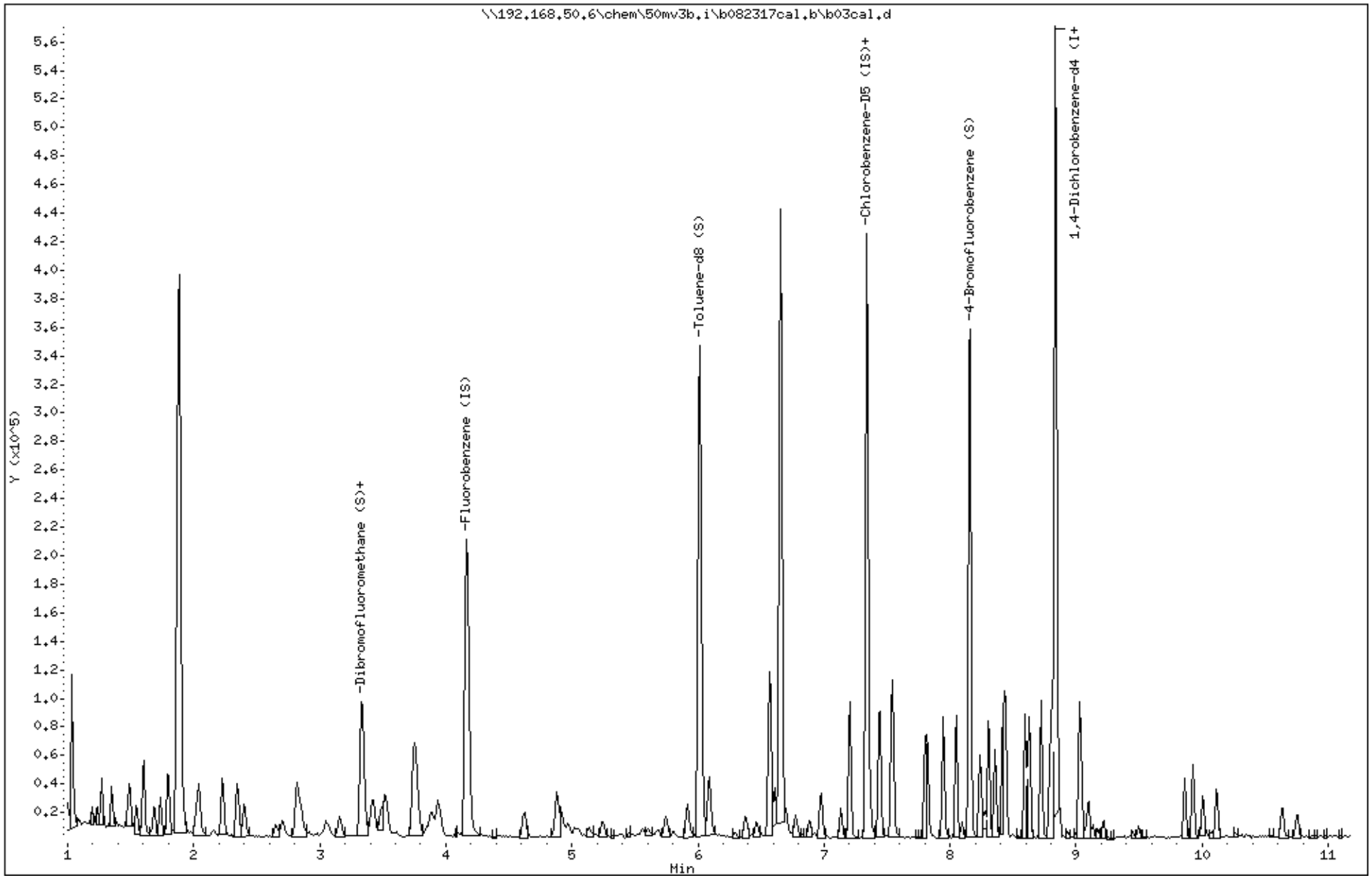
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

NI: Indicates that the peak was not integrated at all by the computer software.
:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b03cal.d
Date : 23-AUG-2017 13:53
Client ID: 8260-CAL3
Instrument: 50mv3b.i
Sample Info: 8260-CAL3,156495:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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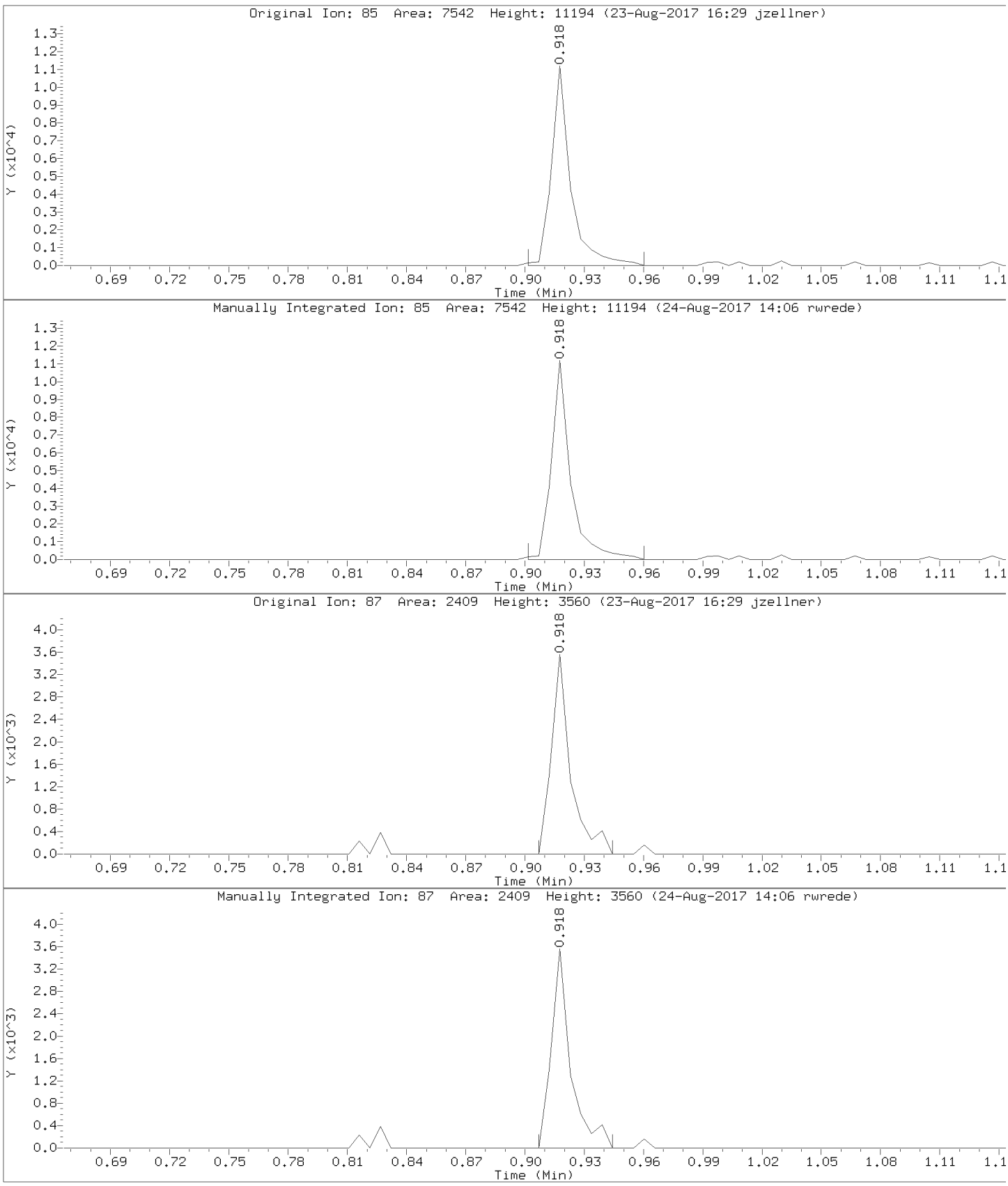
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Dichlorodifluoromethane Review Code: NI
CAS Number: 156-59-2



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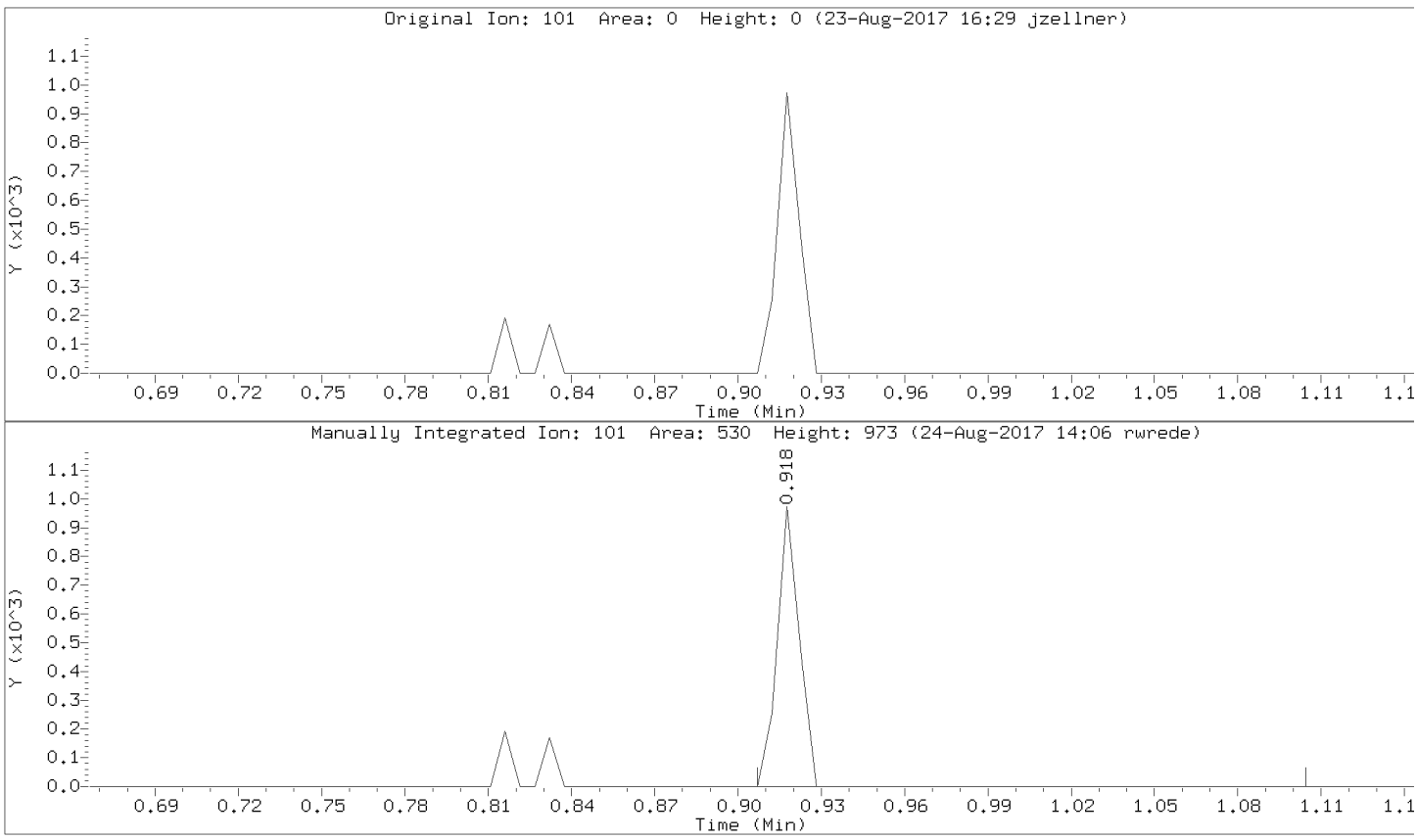
Lab Sample ID: 8260-CAL3,156495:0



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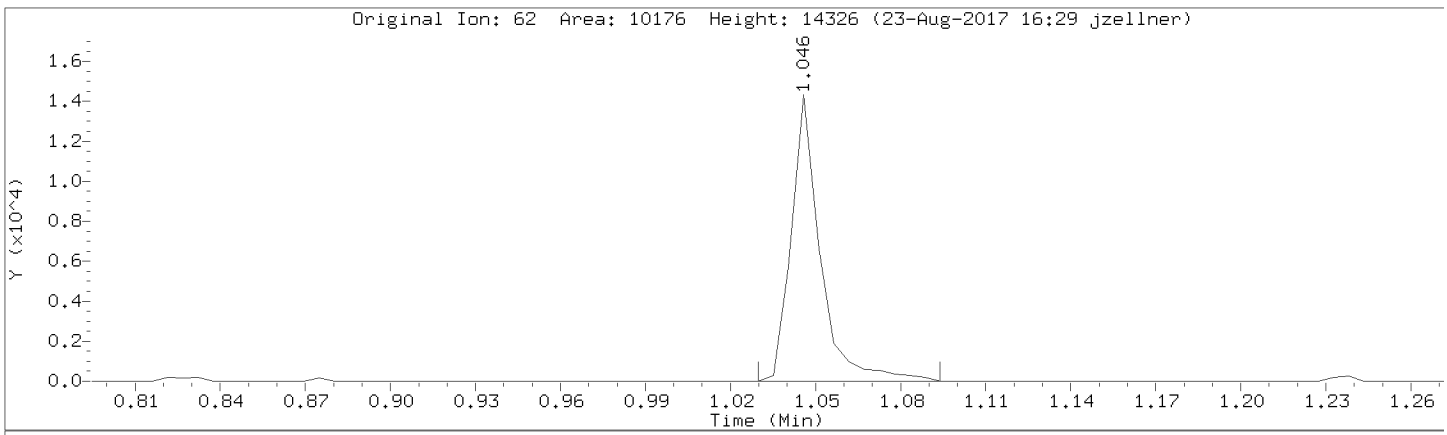
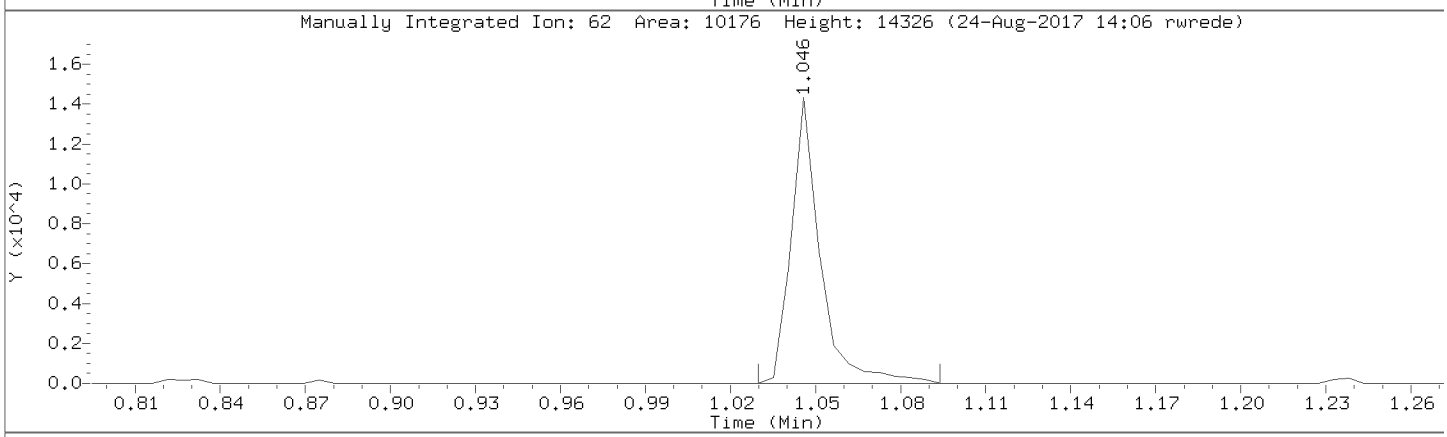
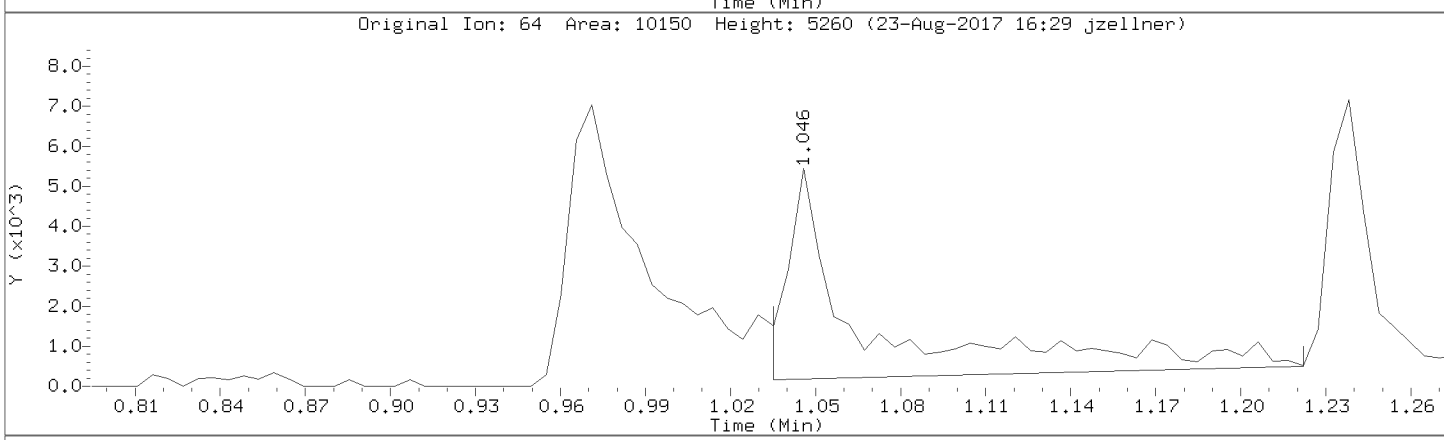
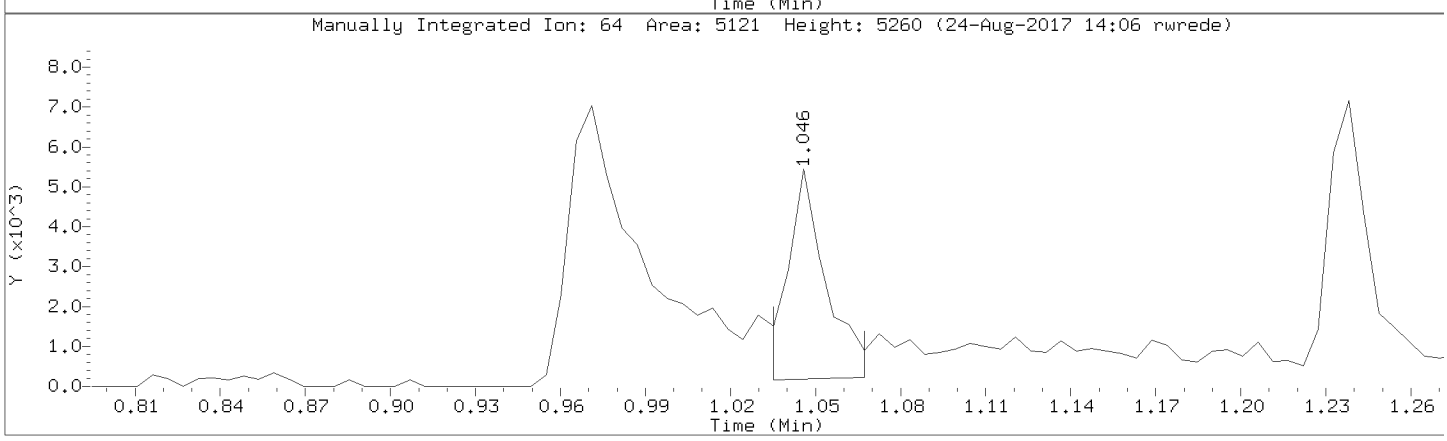
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Vinyl Chloride Review Code:
CAS Number: 75-01-4









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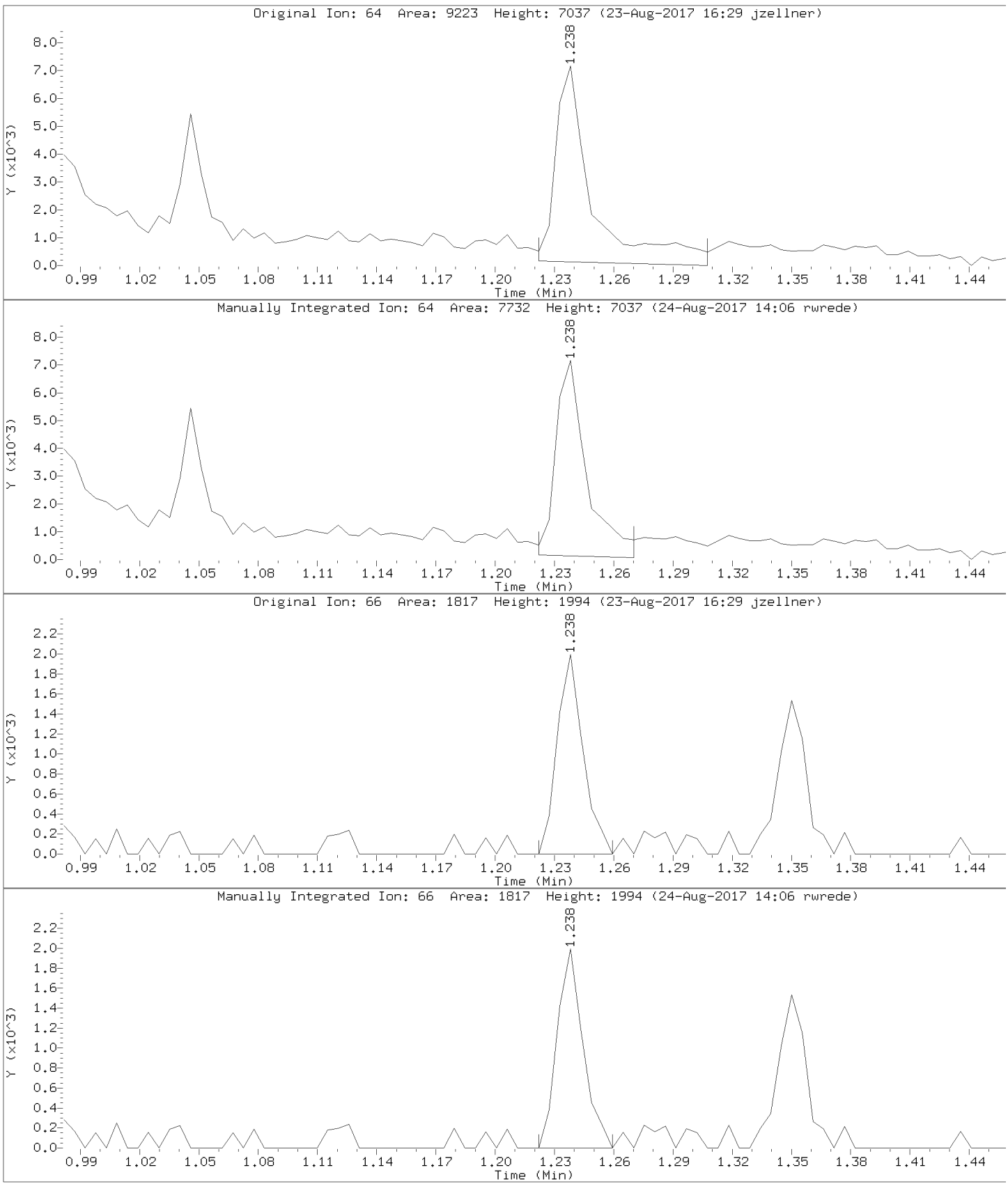
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Chloroethane Review Code: CO
CAS Number: 75-00-3



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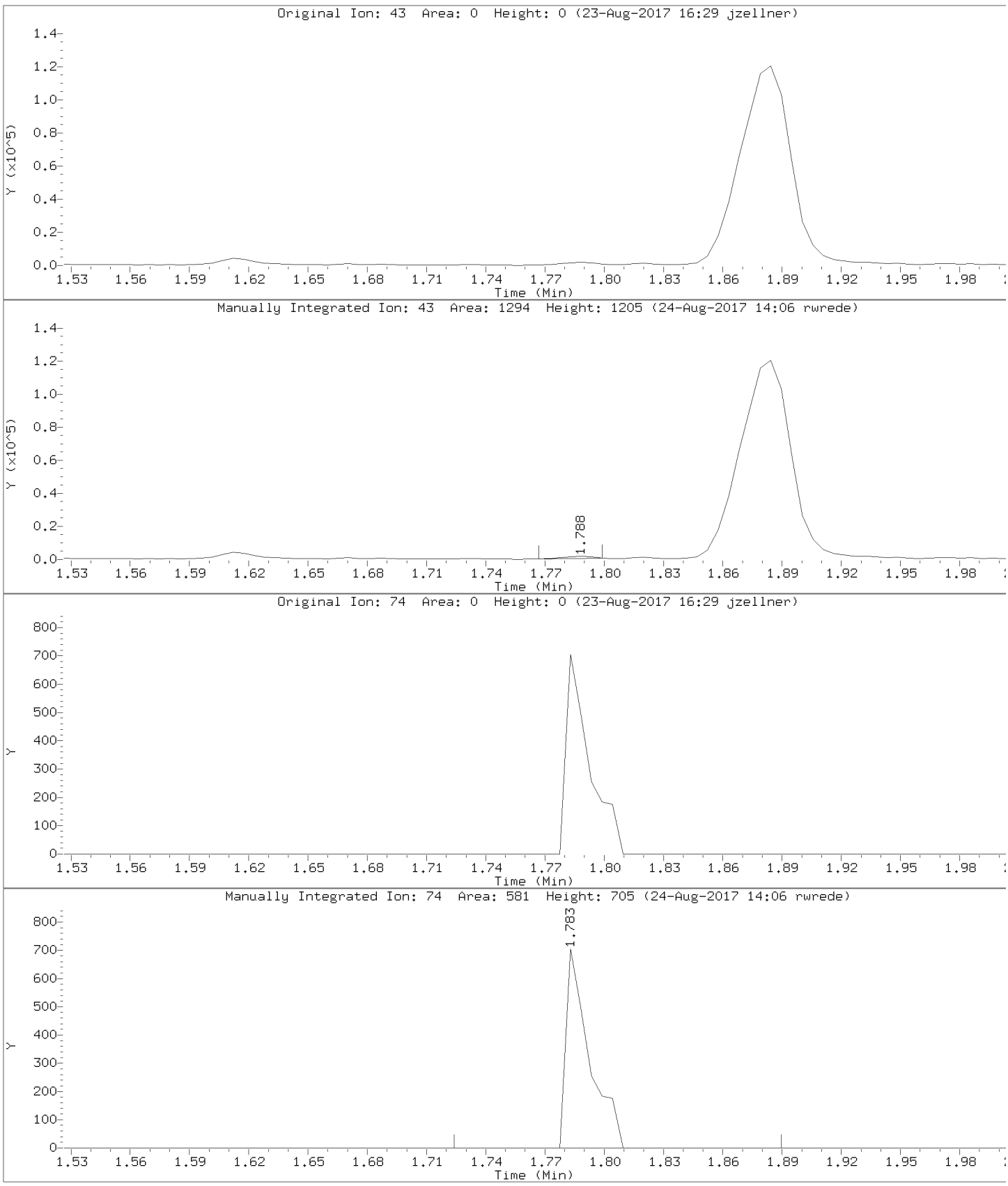
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methyl Acetate Review Code: NI
CAS Number: 79-20-9



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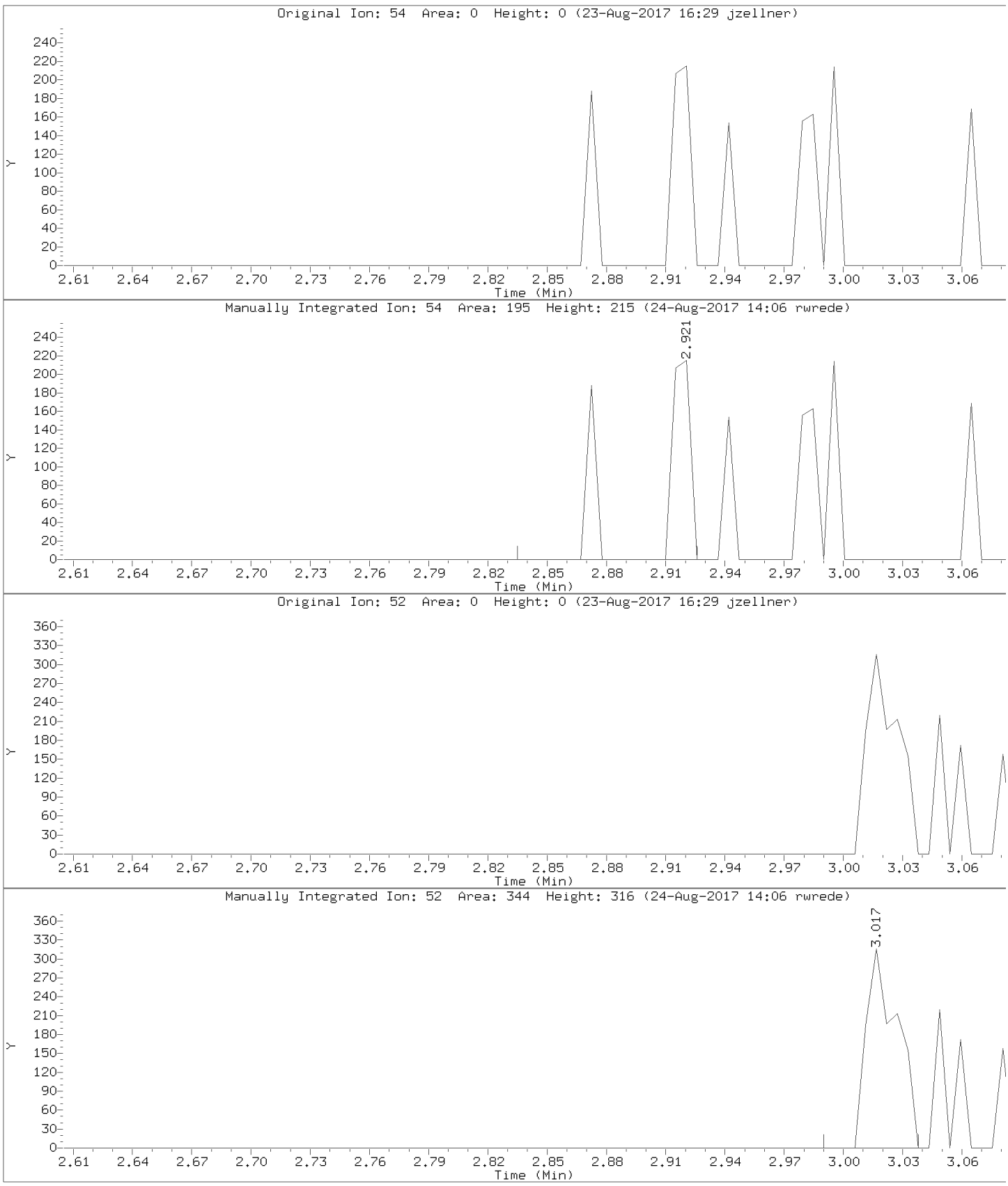
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Propionitrile Review Code: NI
CAS Number: 107-12-0



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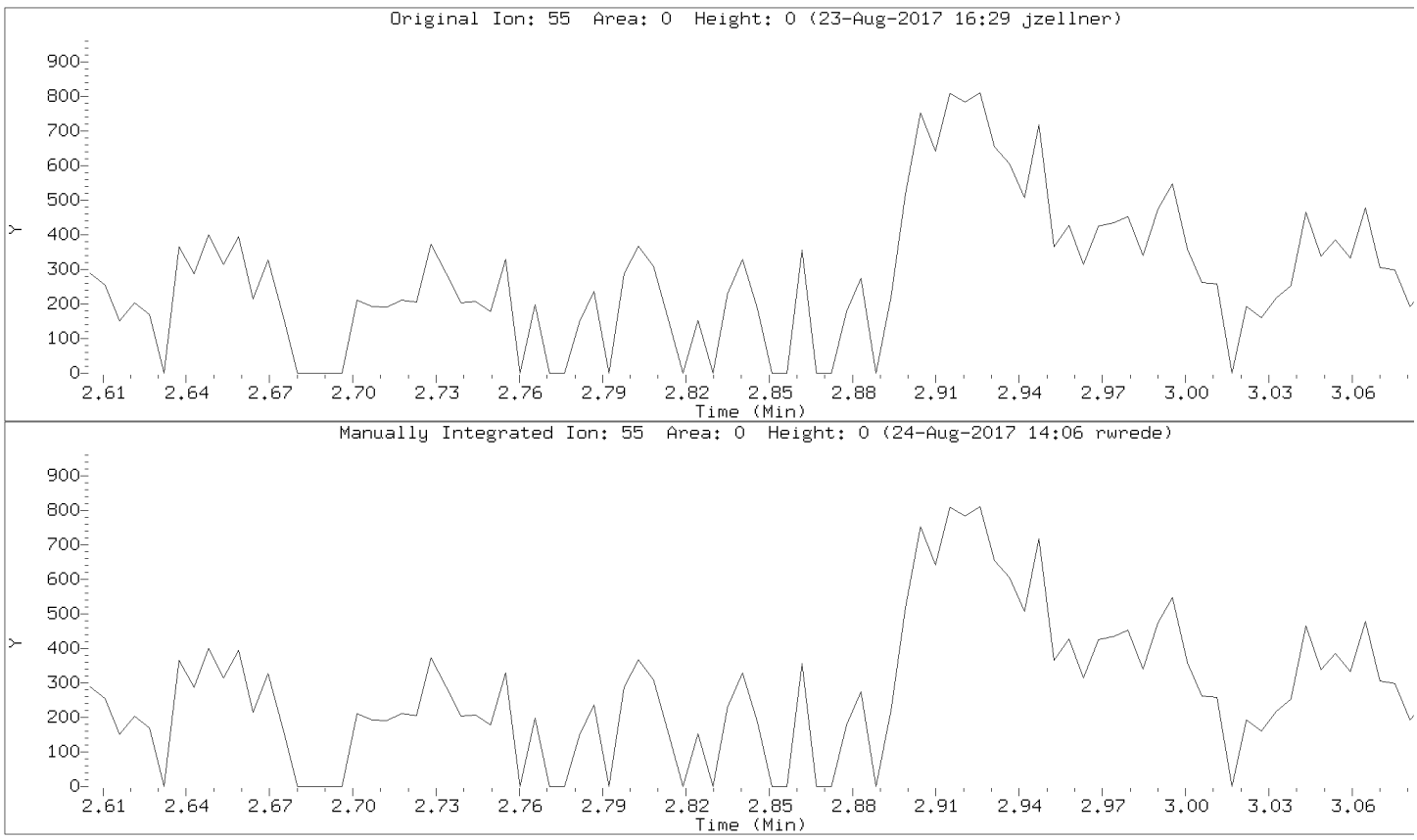

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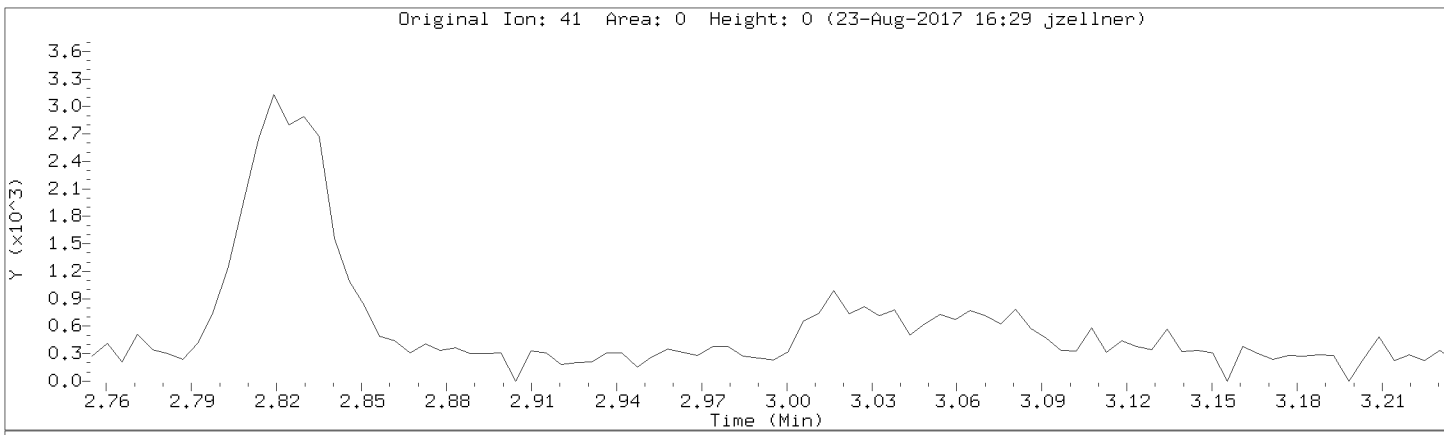
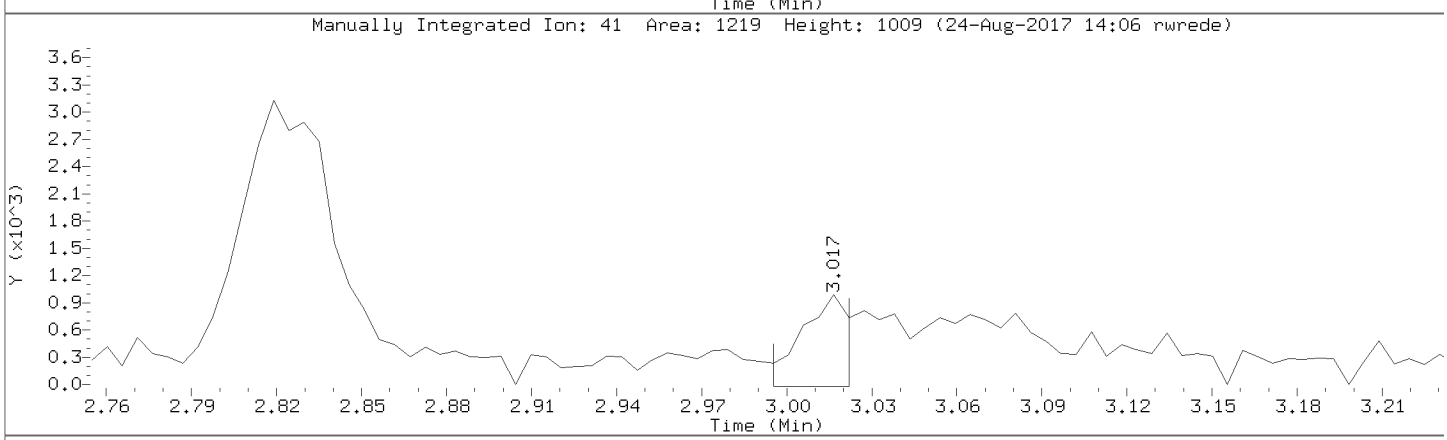
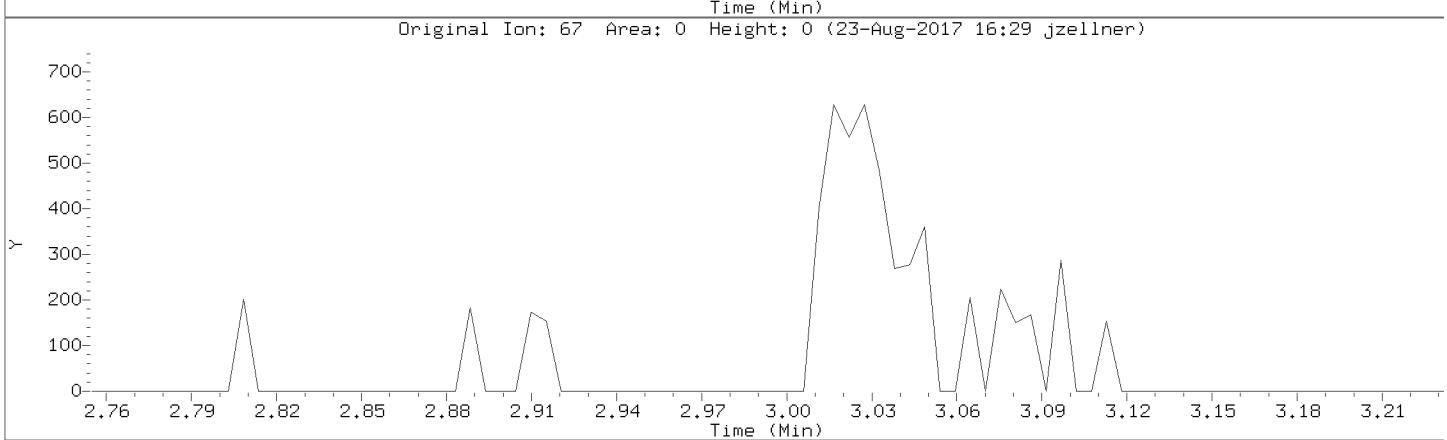
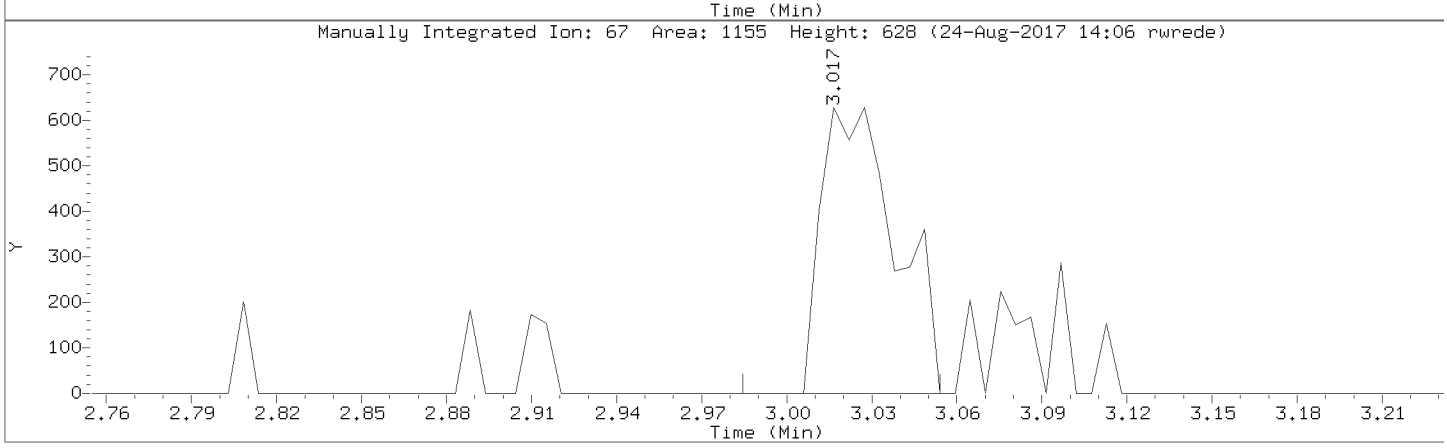
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methacrylonitrile Review Code:
CAS Number: 126-98-7









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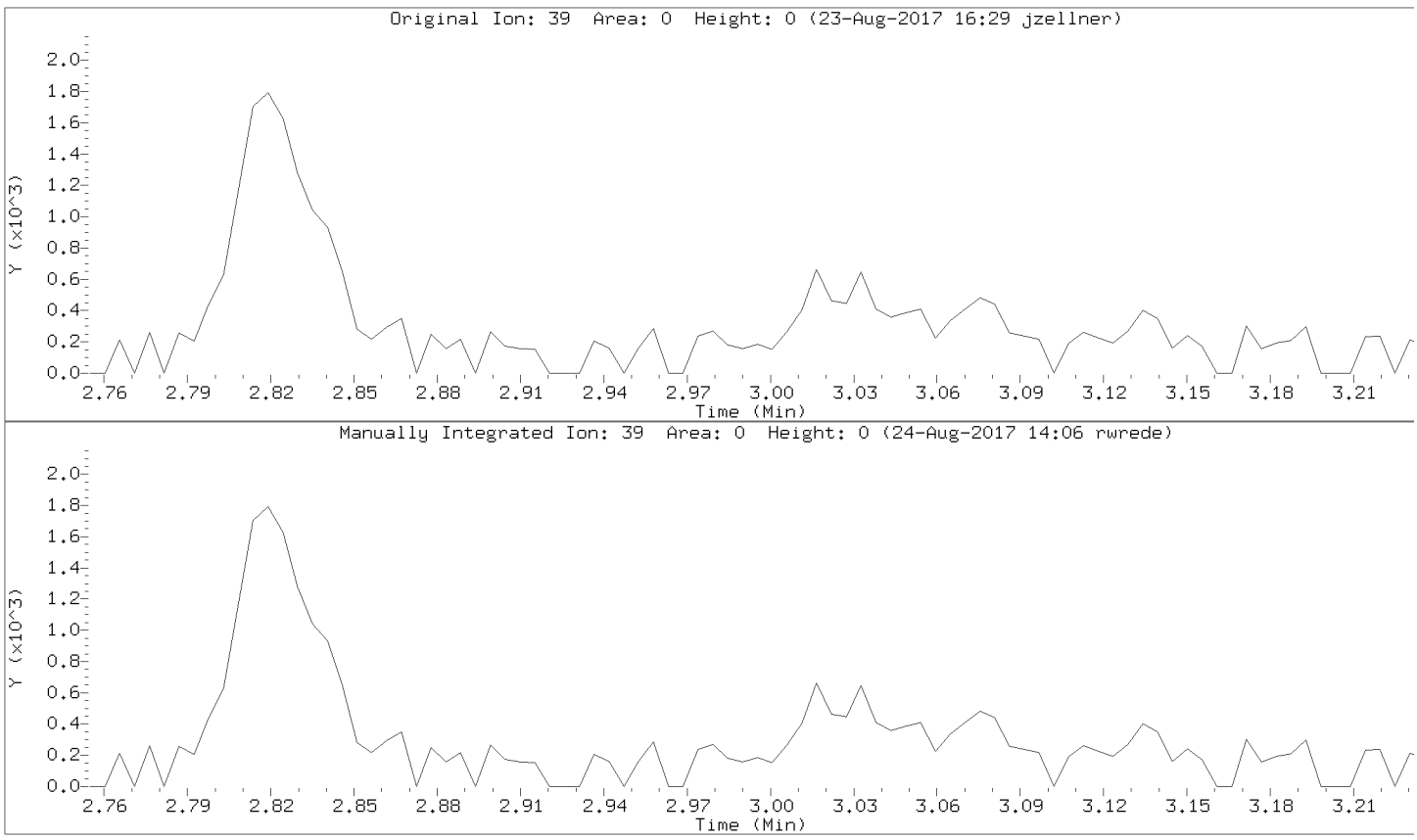
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0



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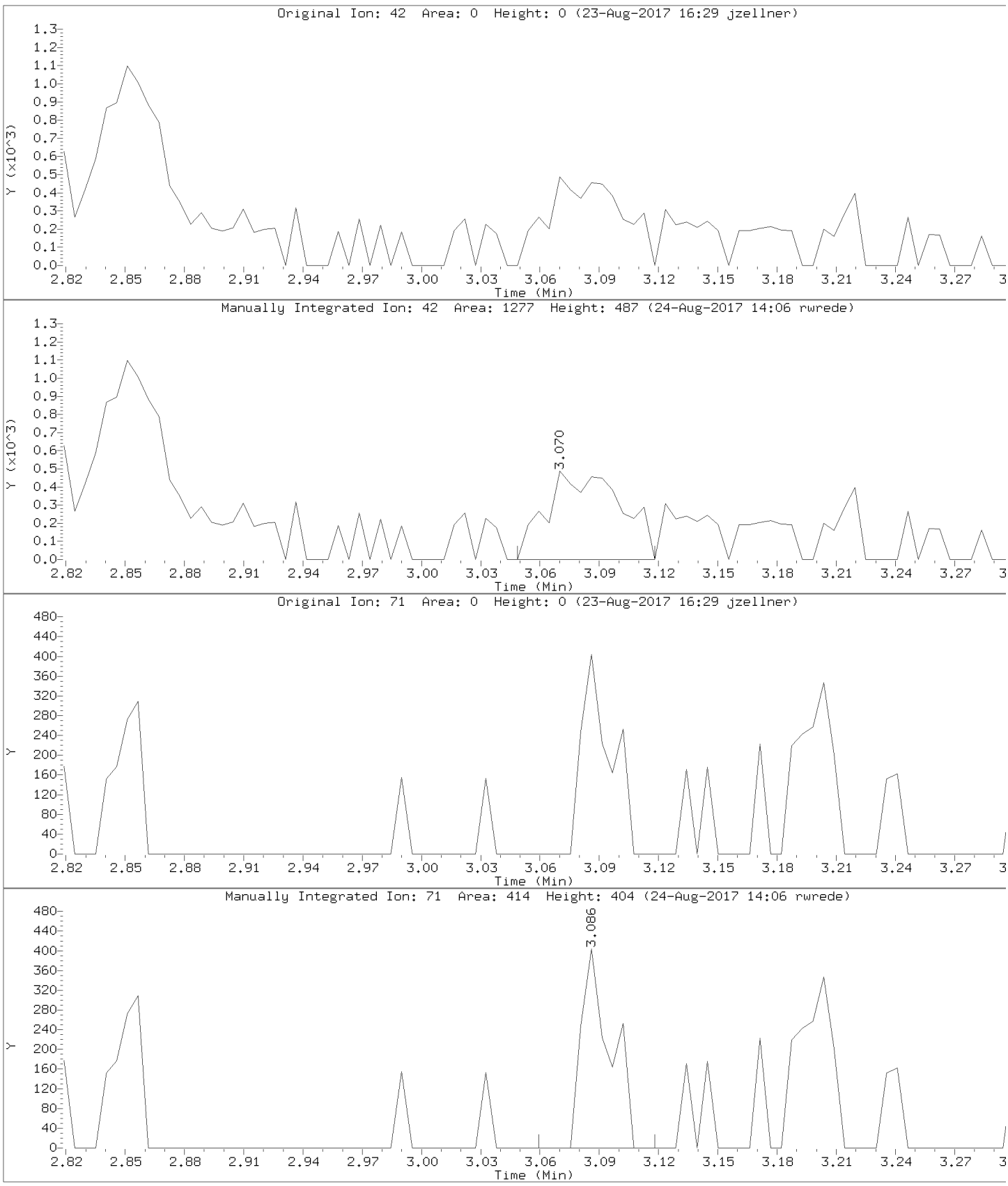
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Tetrahydrofuran Review Code: NI
CAS Number:



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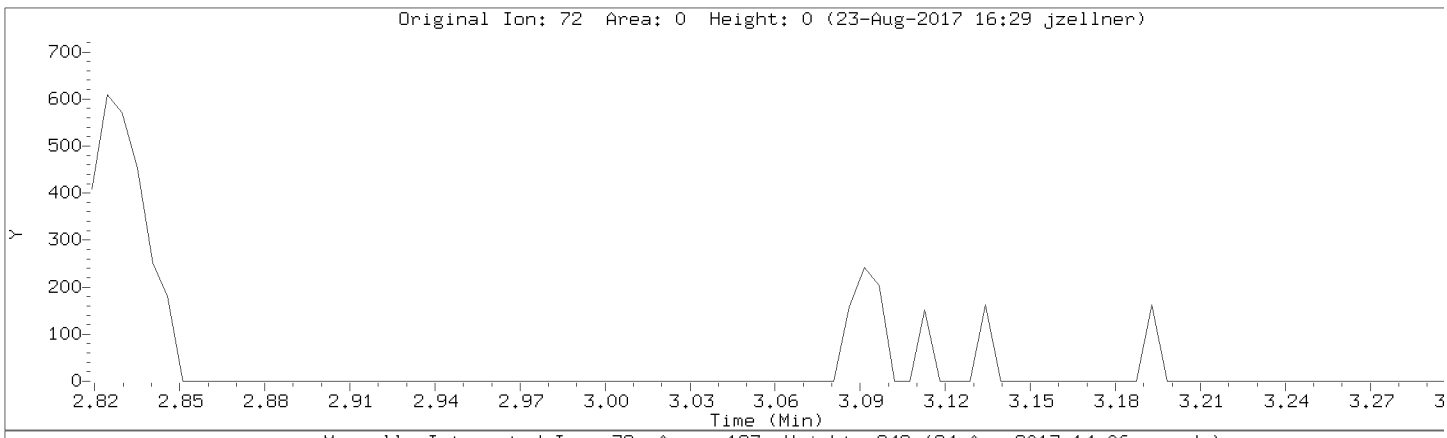

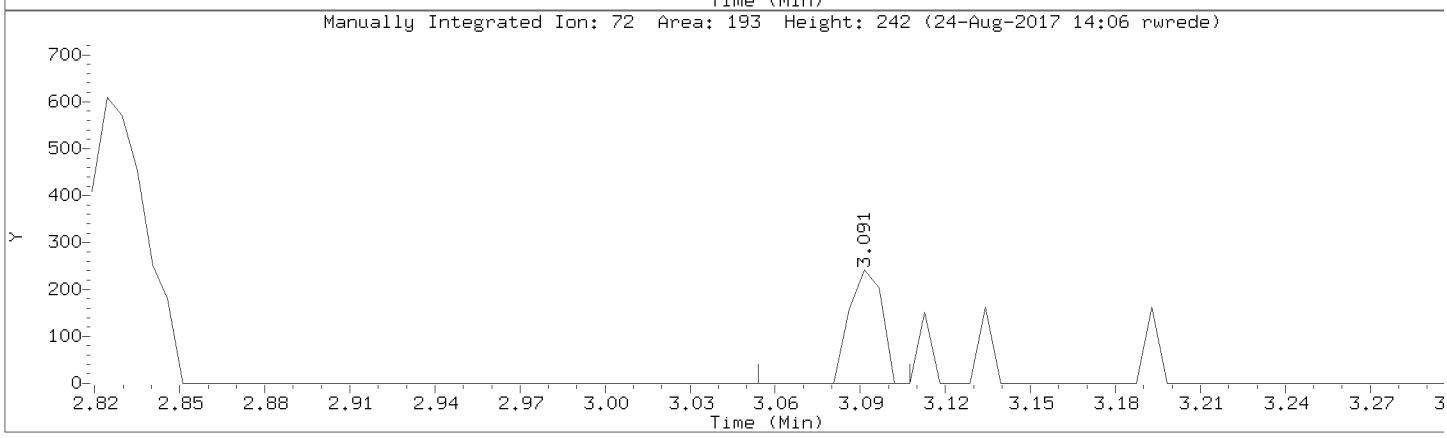

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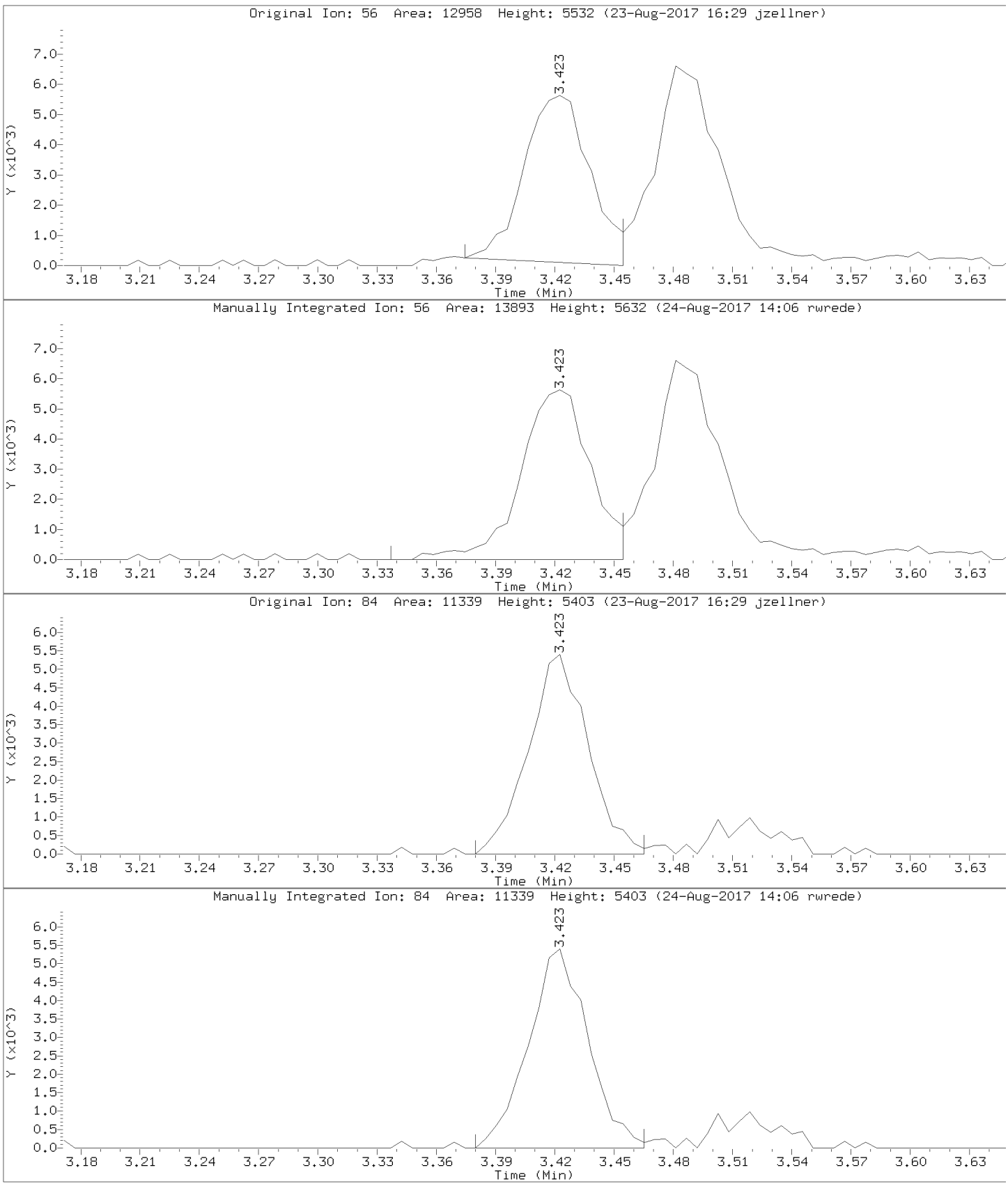
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Cyclohexane Review Code: LT
CAS Number: 110-82-7



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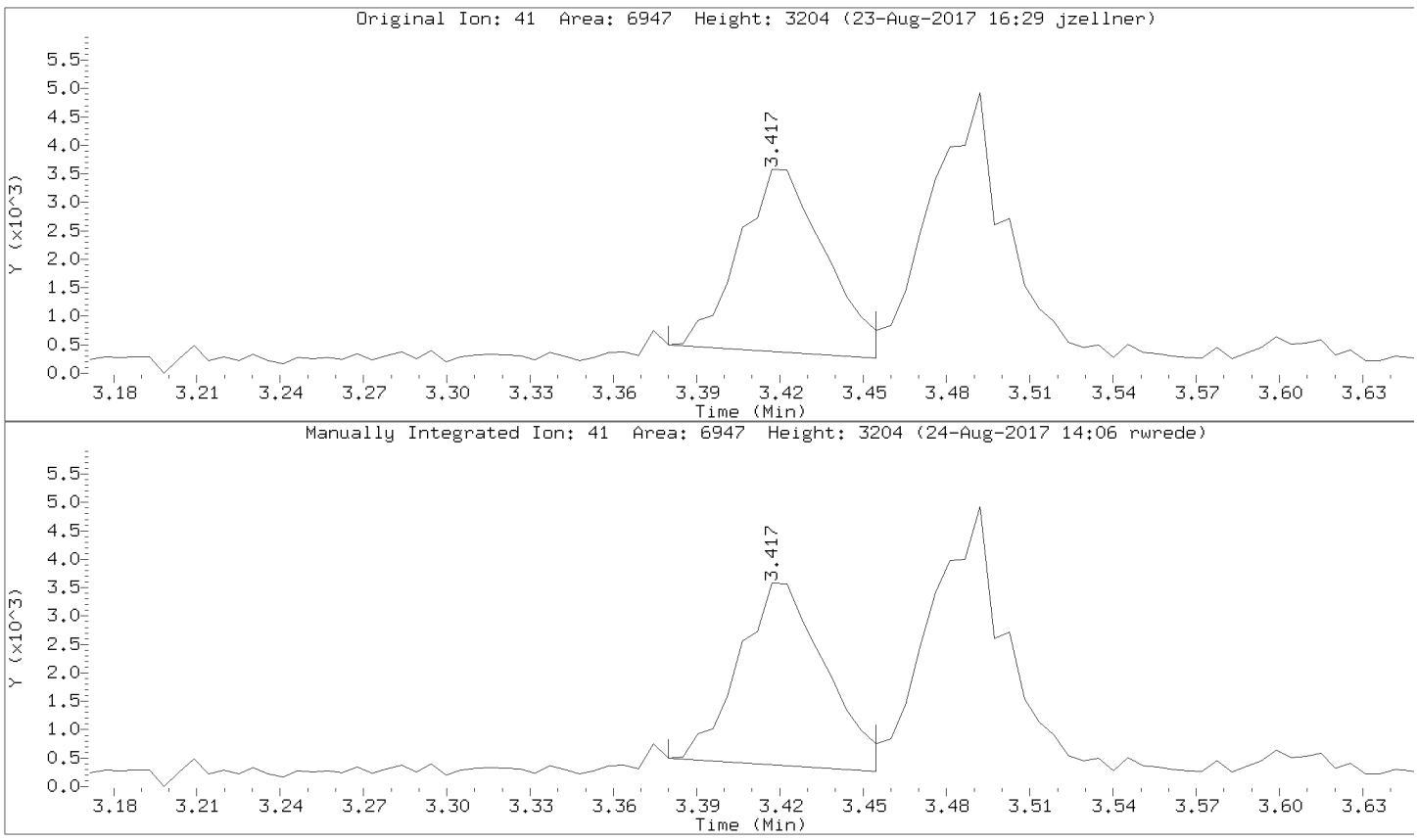
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0



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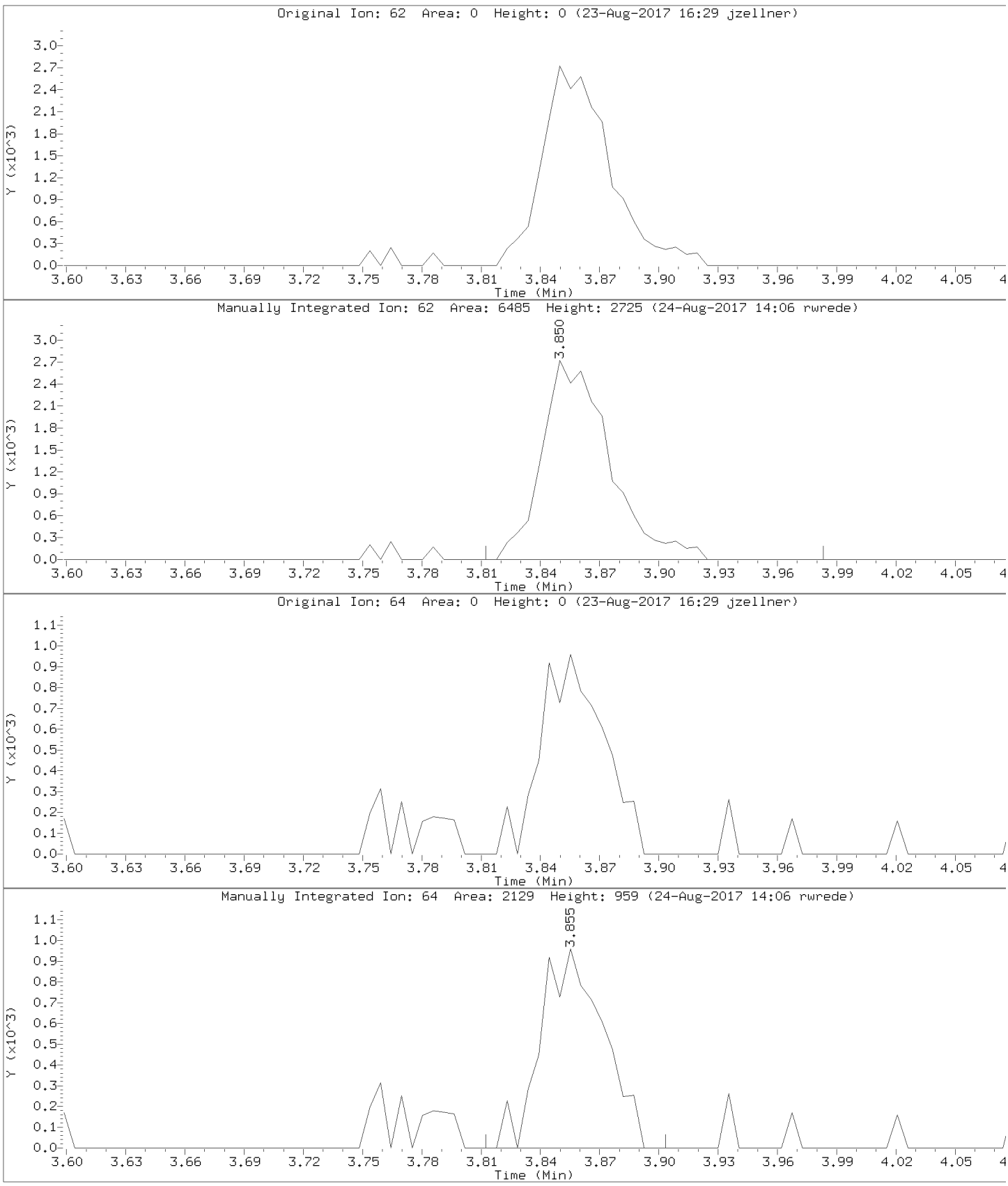
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2



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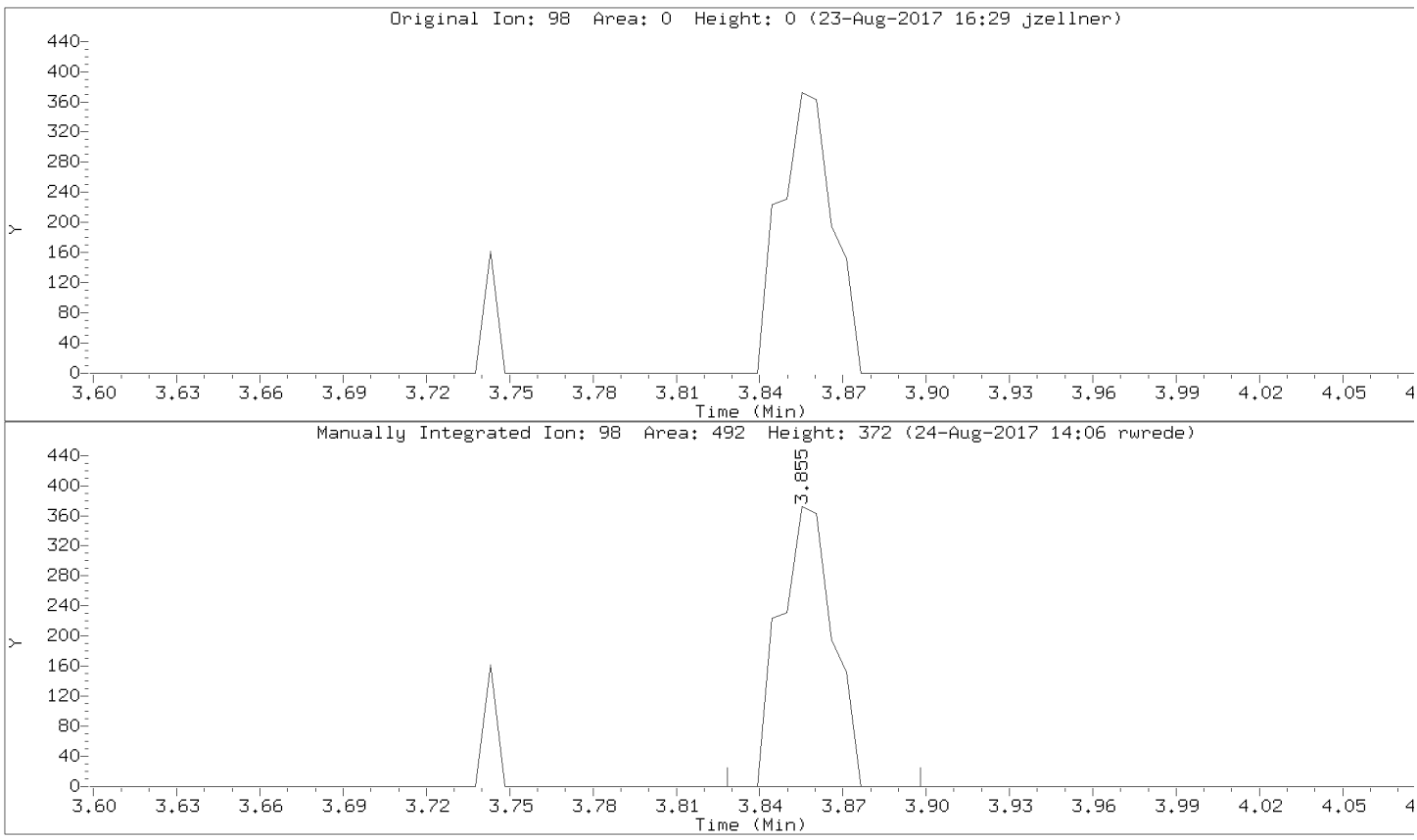
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0



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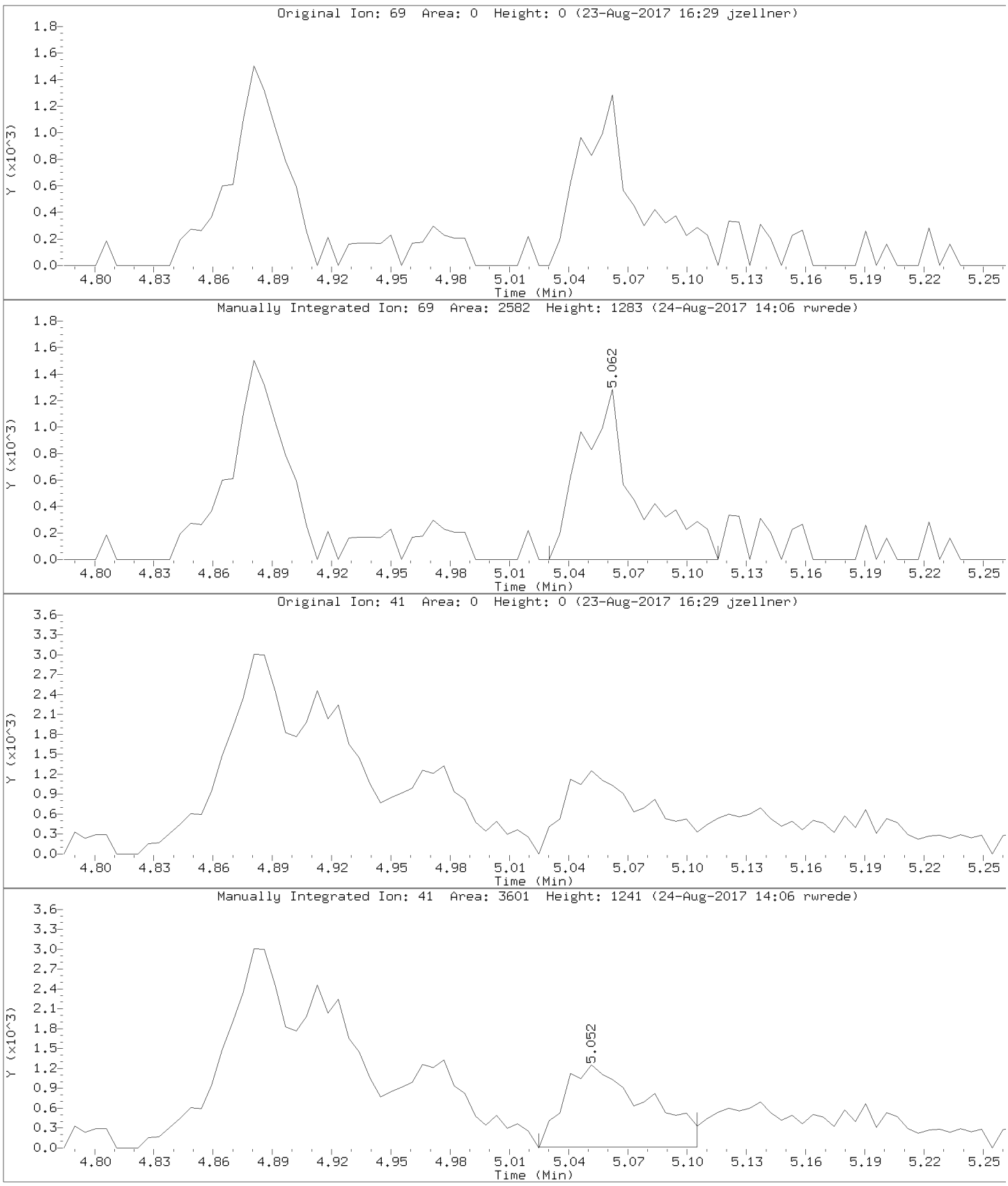
Lab Sample ID: 8260-CAL3,156495:0

Compound: Methyl methacrylate Review Code: NI
CAS Number: 80-62-6



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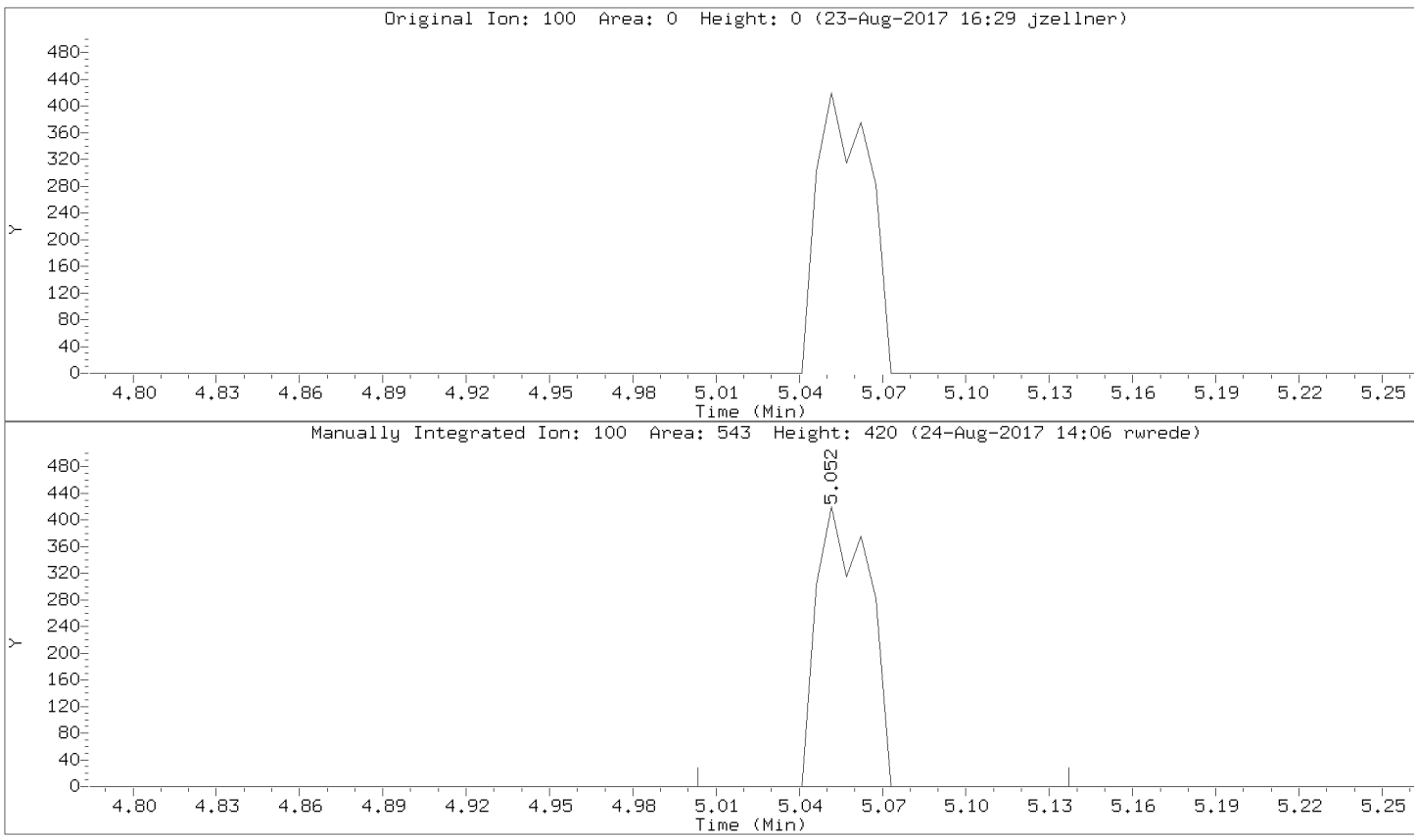
Lab Sample ID: 8260-CAL3,156495:0



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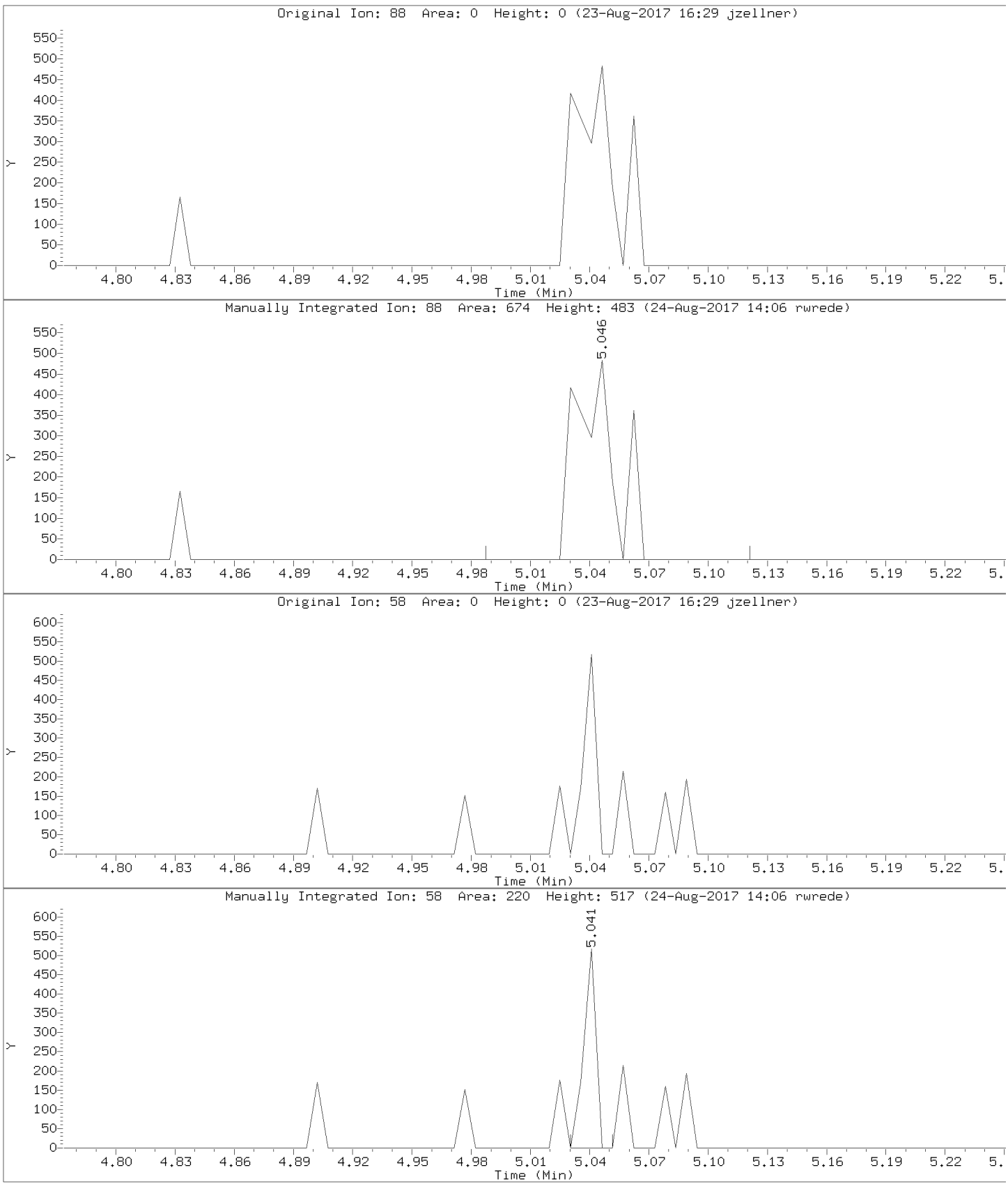
Lab Sample ID: 8260-CAL3,156495:0

Compound: 1,4-Dioxane Review Code: NI
CAS Number:



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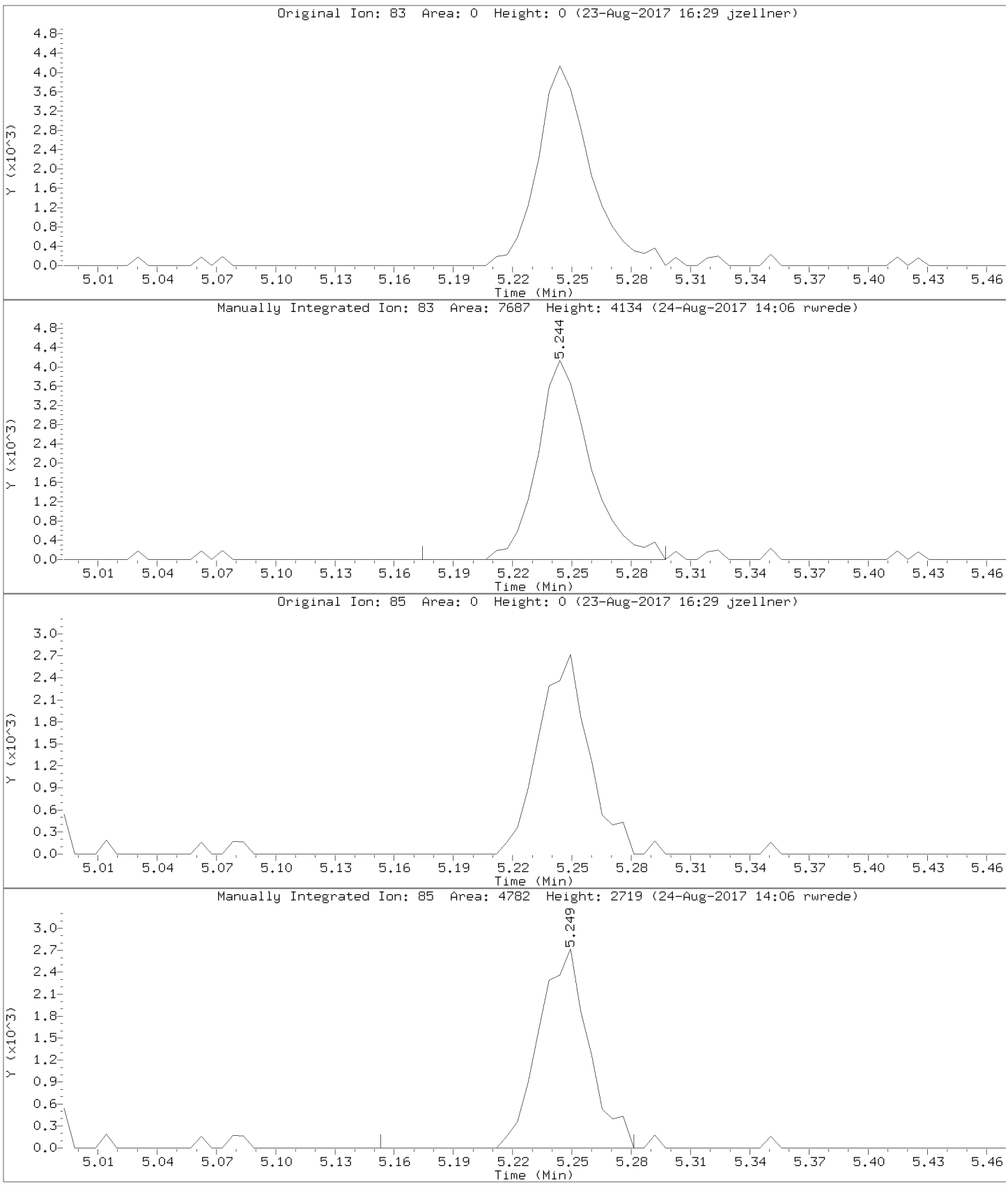
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Bromodichloromethane Review Code: NI
CAS Number: 75-27-4



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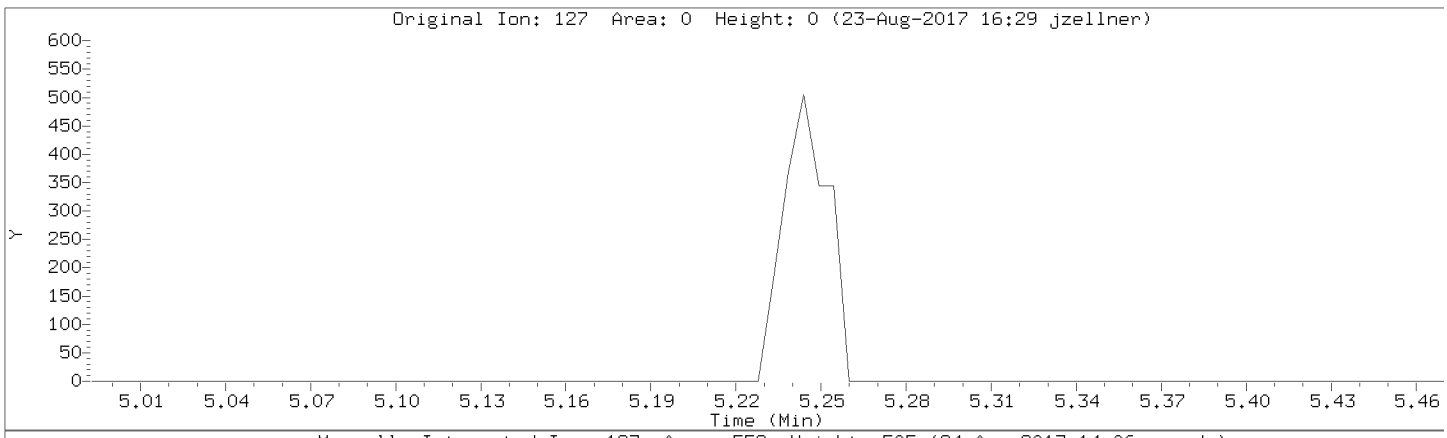
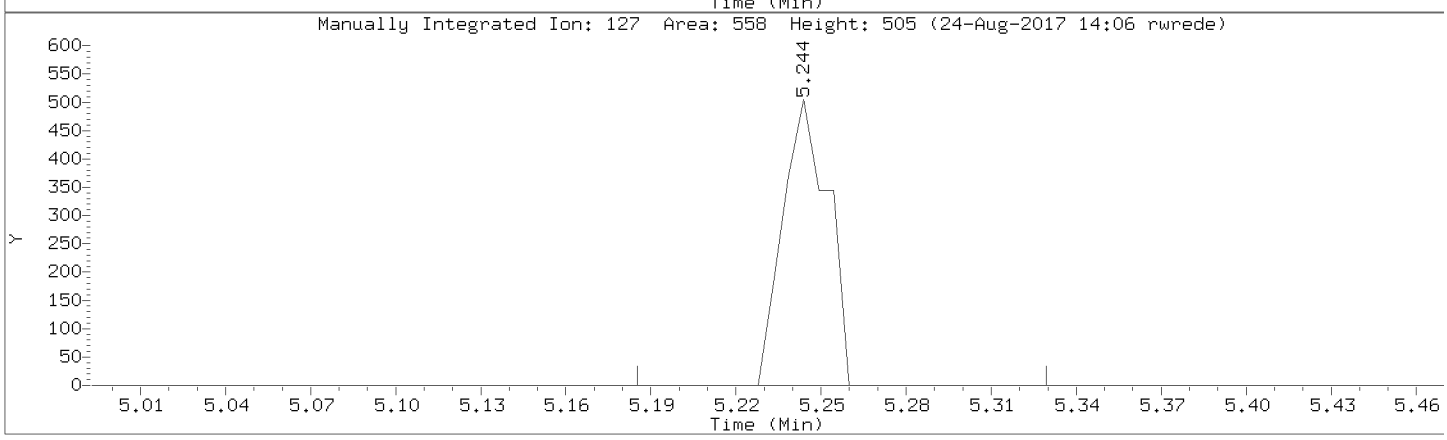
Lab Sample ID: 8260-CAL3,156495:0





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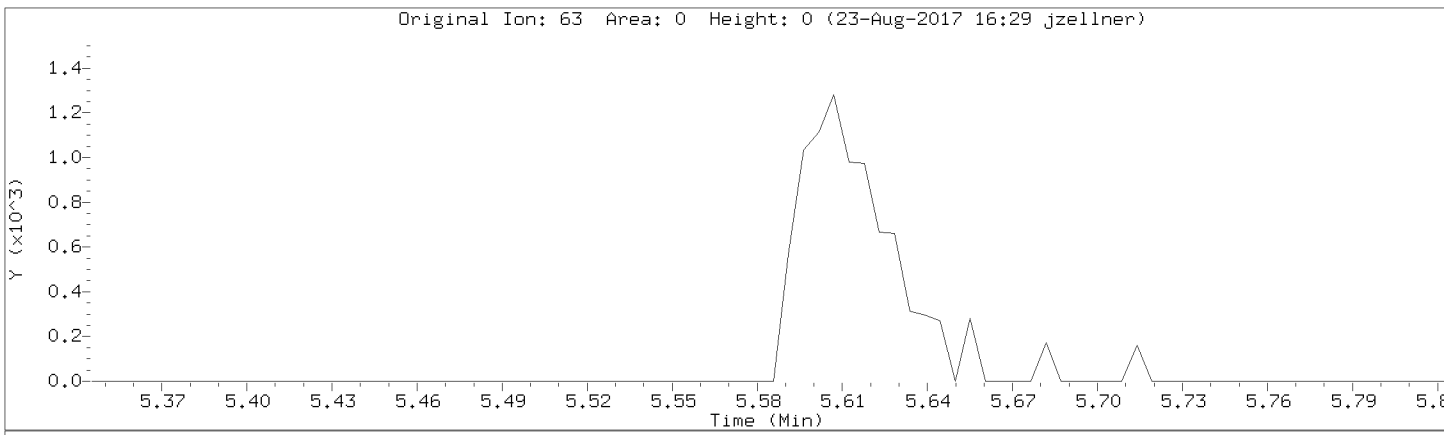
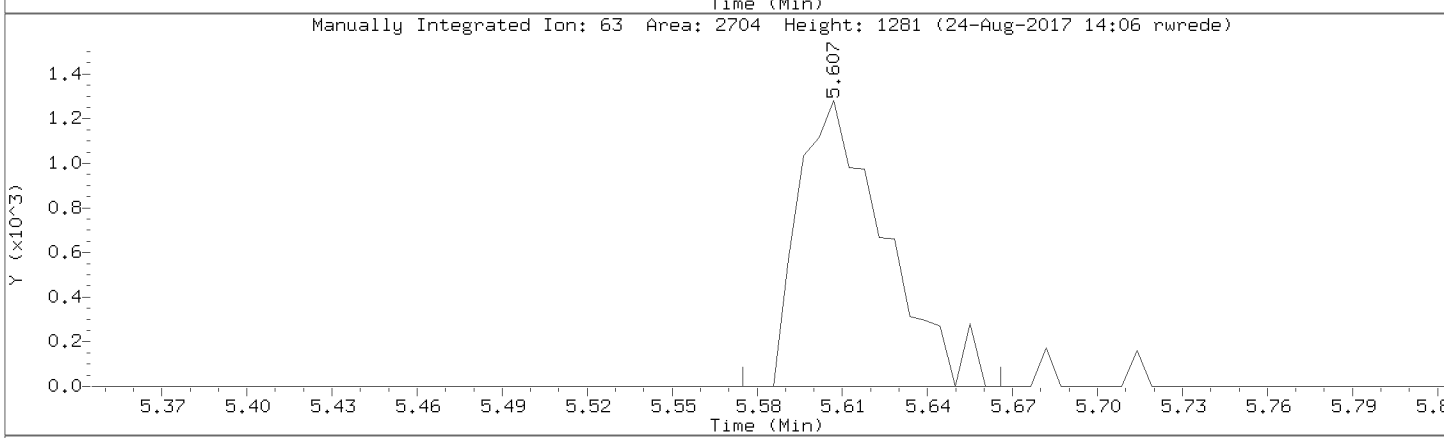
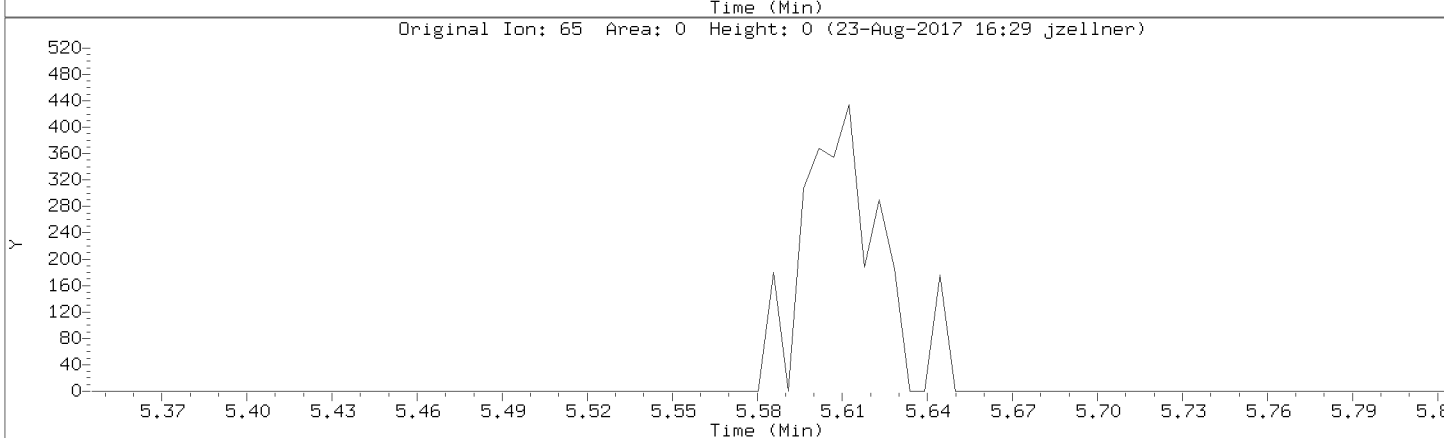
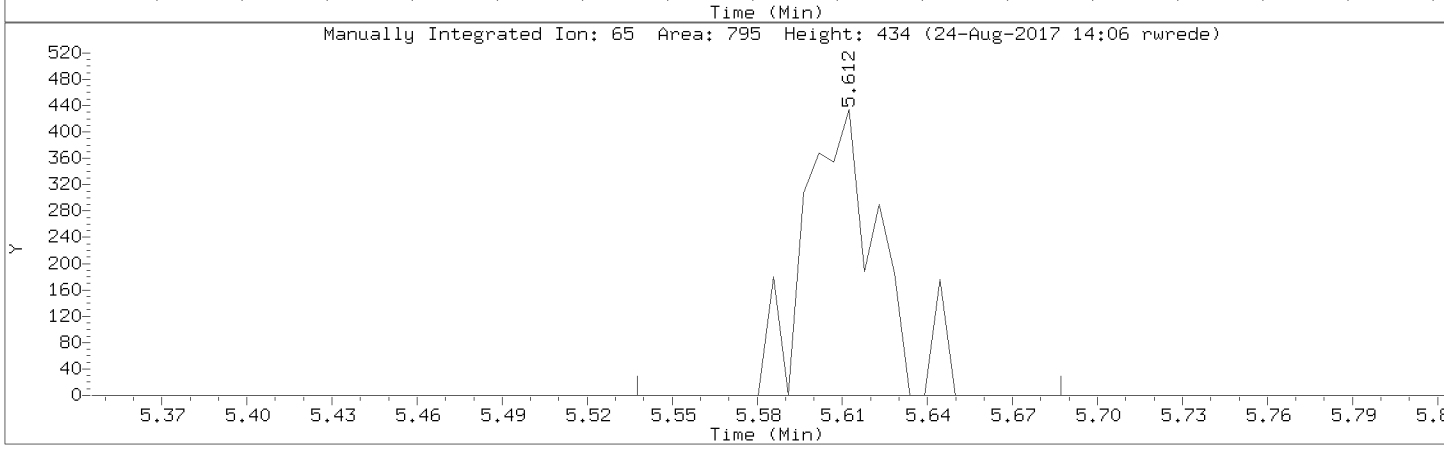
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: 2-Chloroethyl vinyl ether Review Code: NI
CAS Number: 110-75-8









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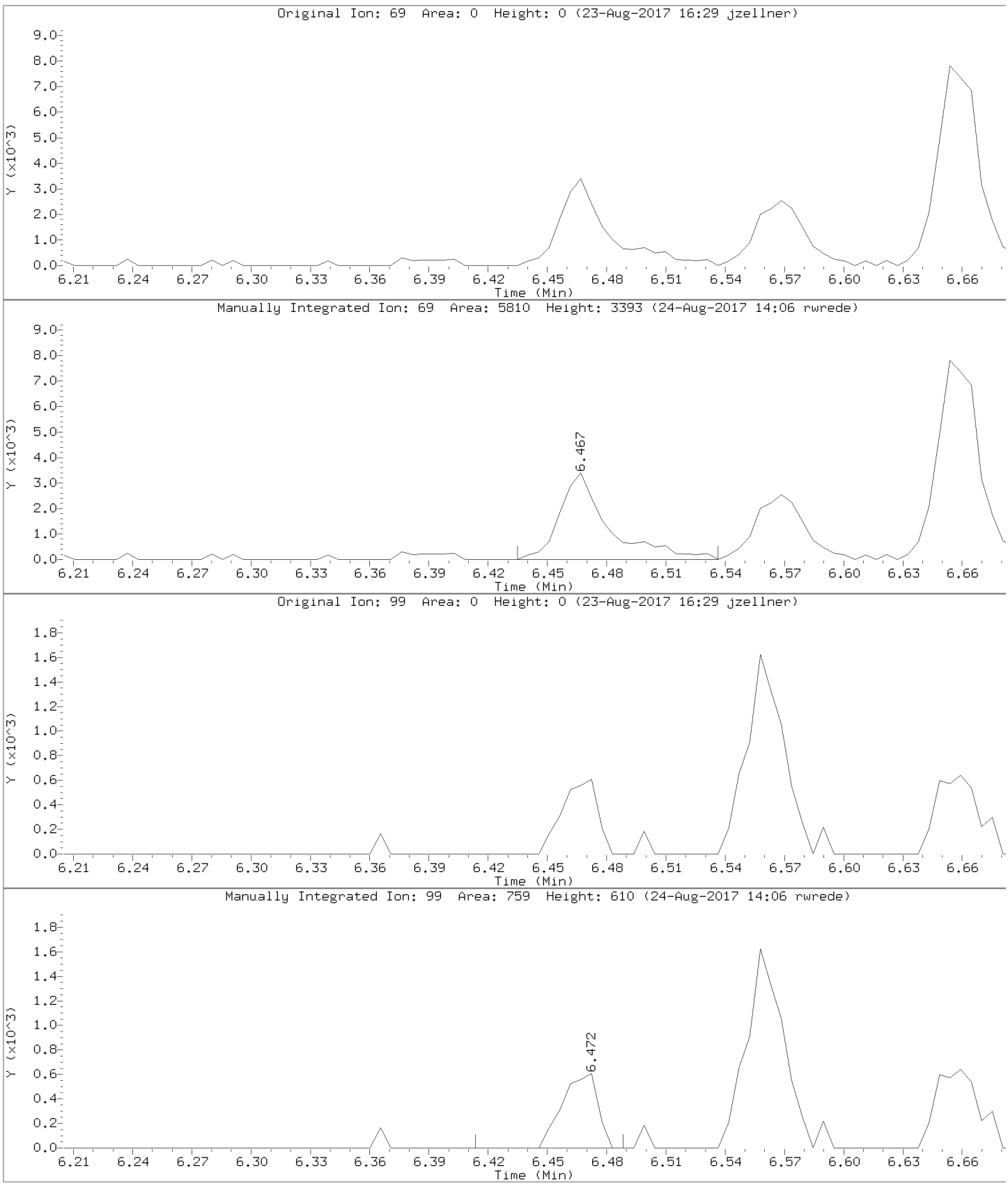
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:



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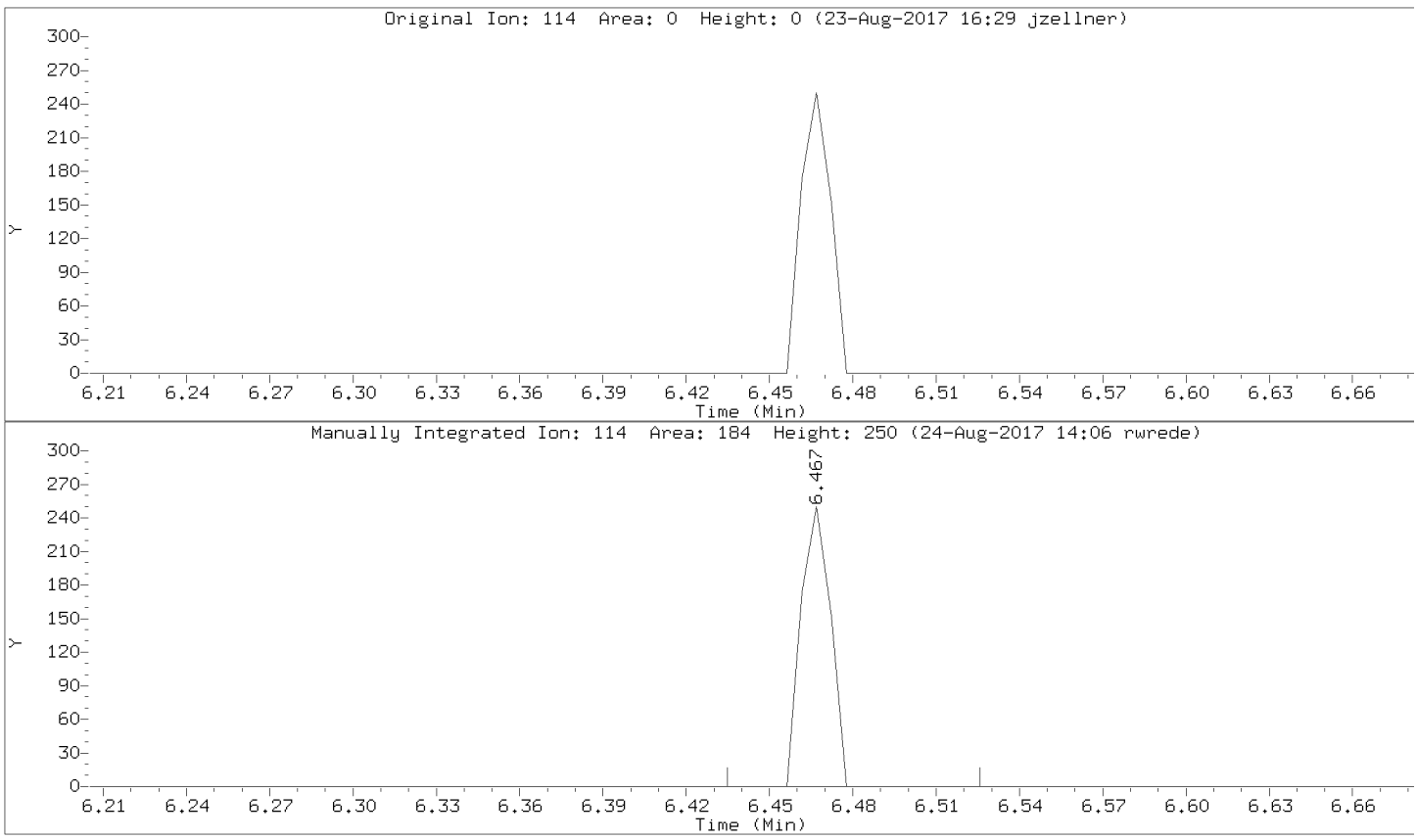

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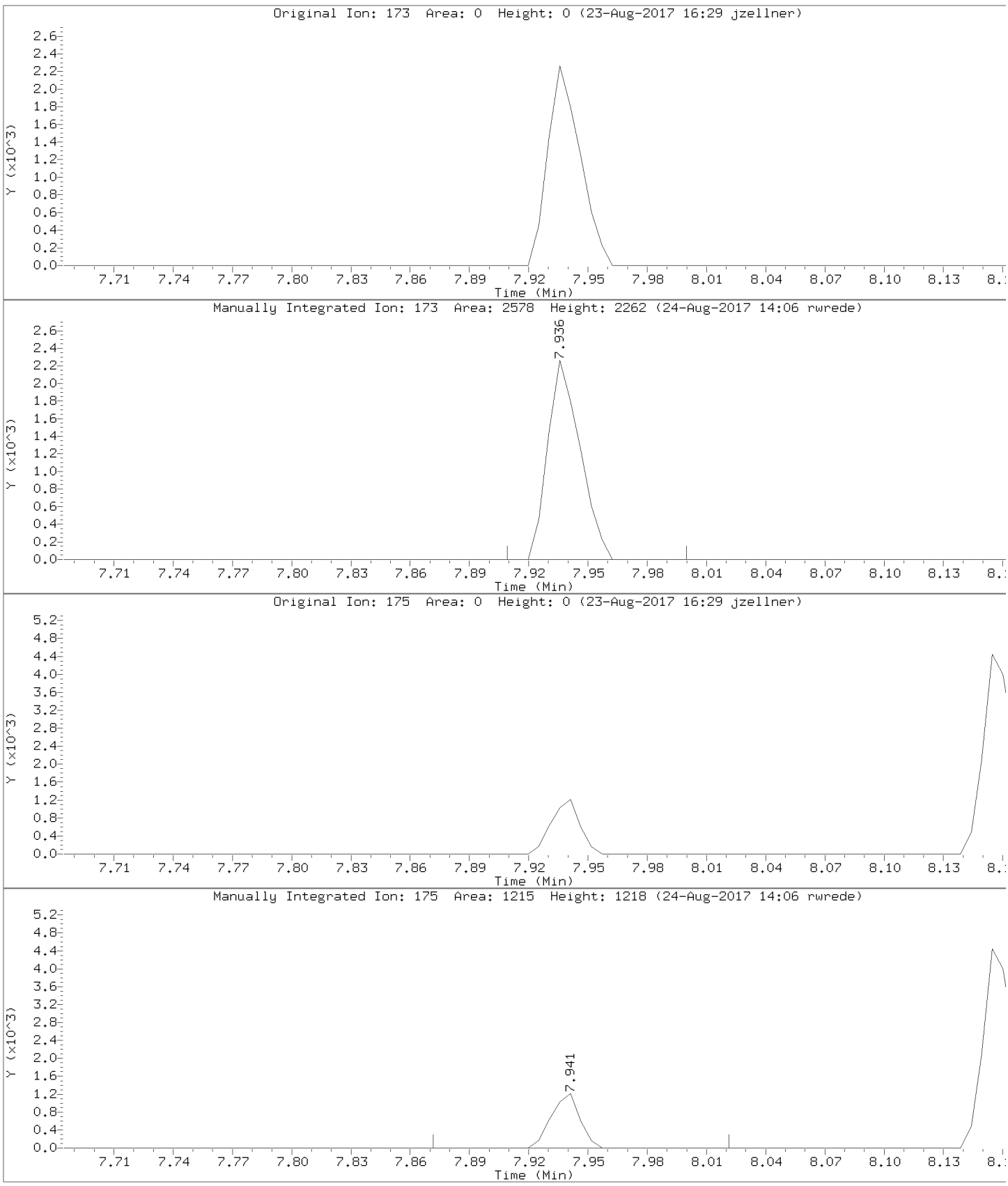
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2



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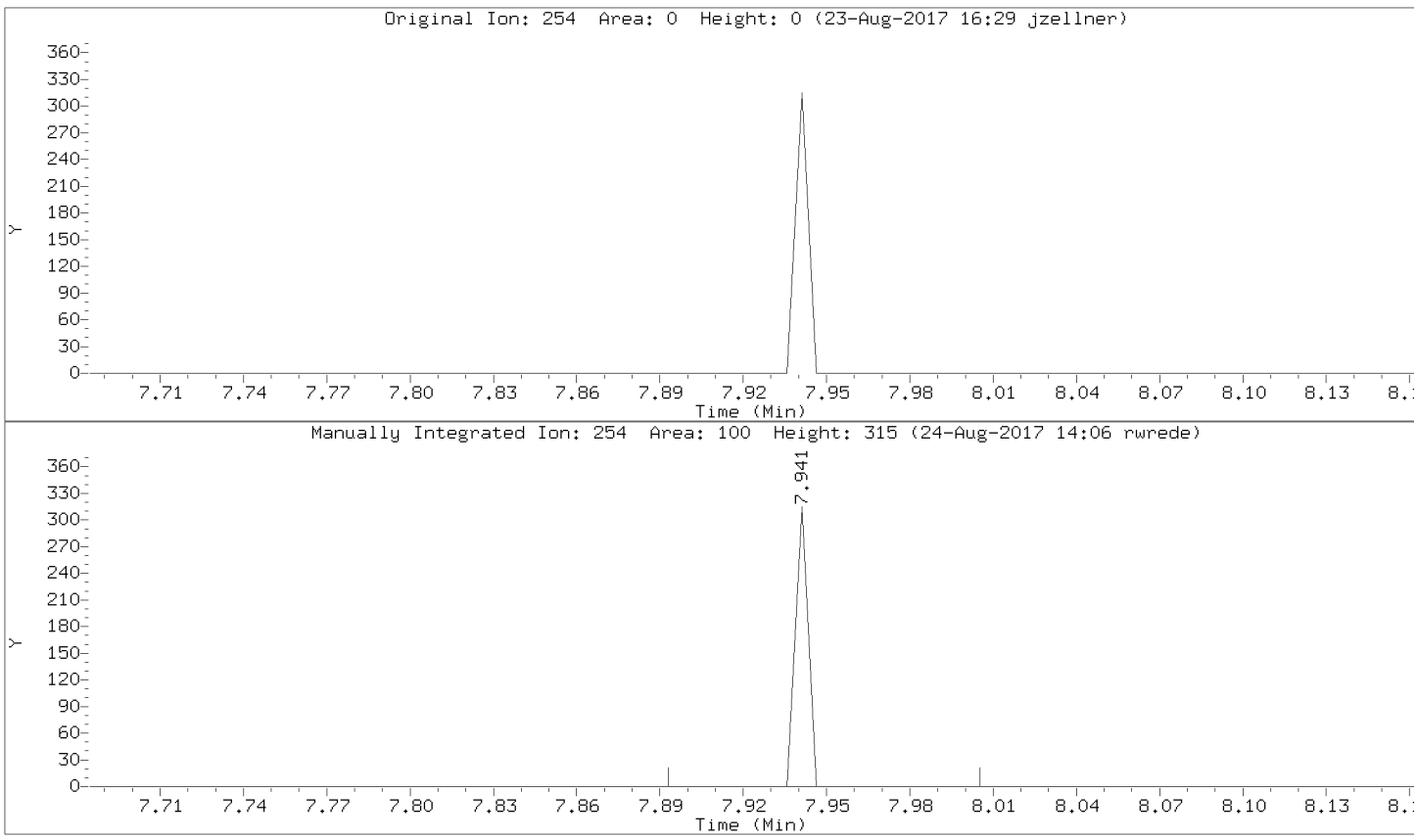

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Injection Date: 23-AUG-2017 13:53
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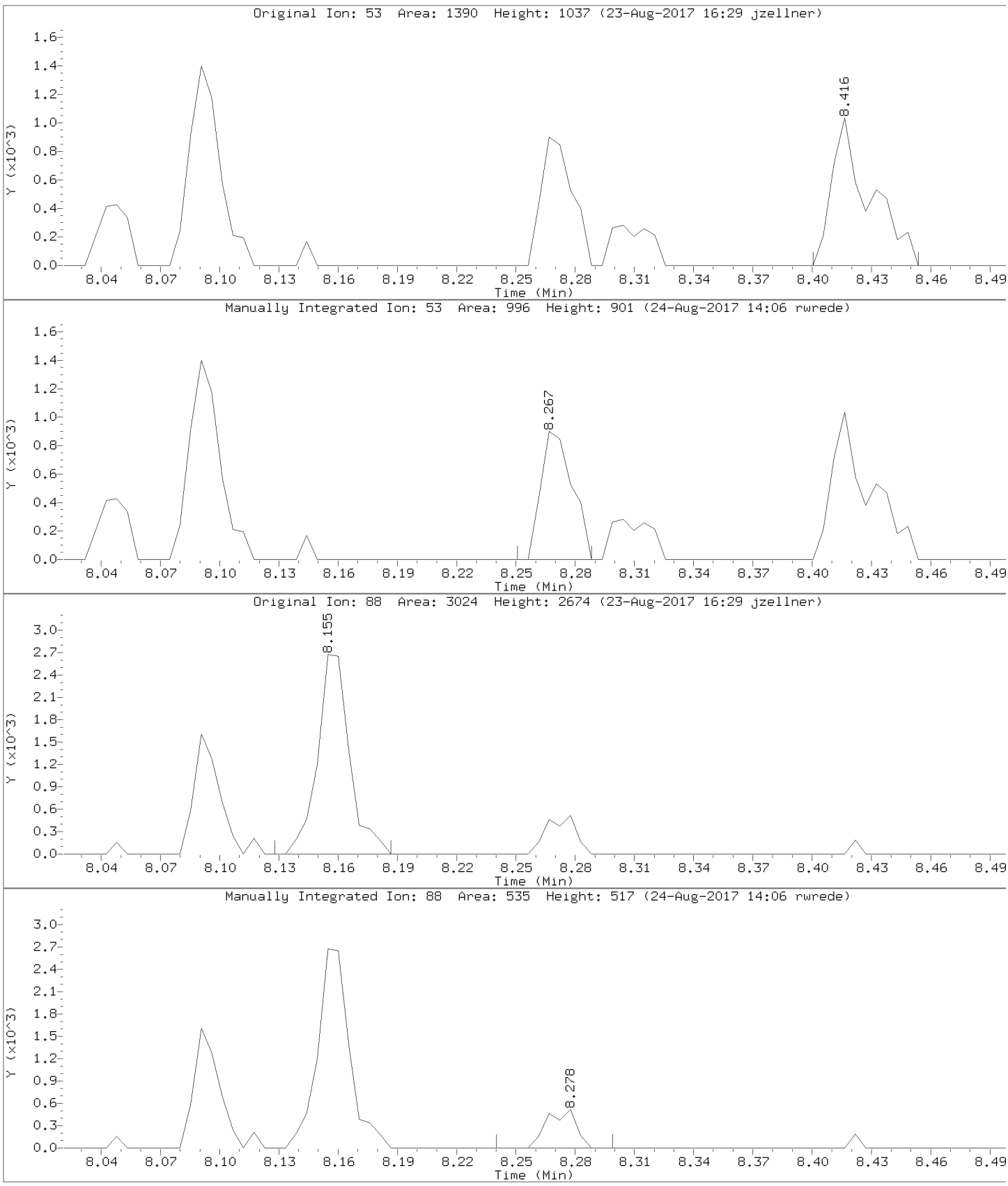
Lab Sample ID: 8260-CAL3,156495:0

Compound: trans-1,4-Dichloro-2-butene Review Code: WP
CAS Number:



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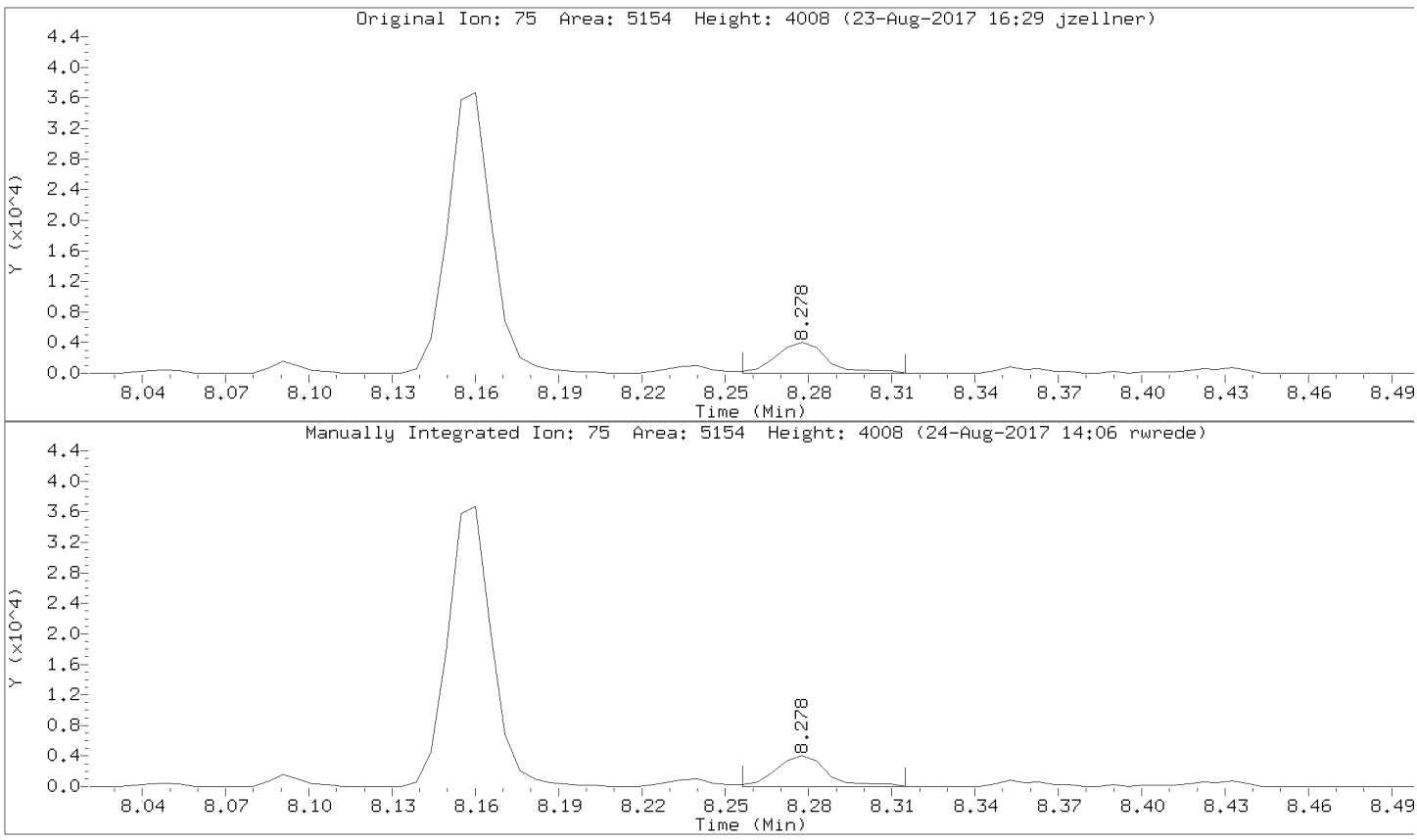

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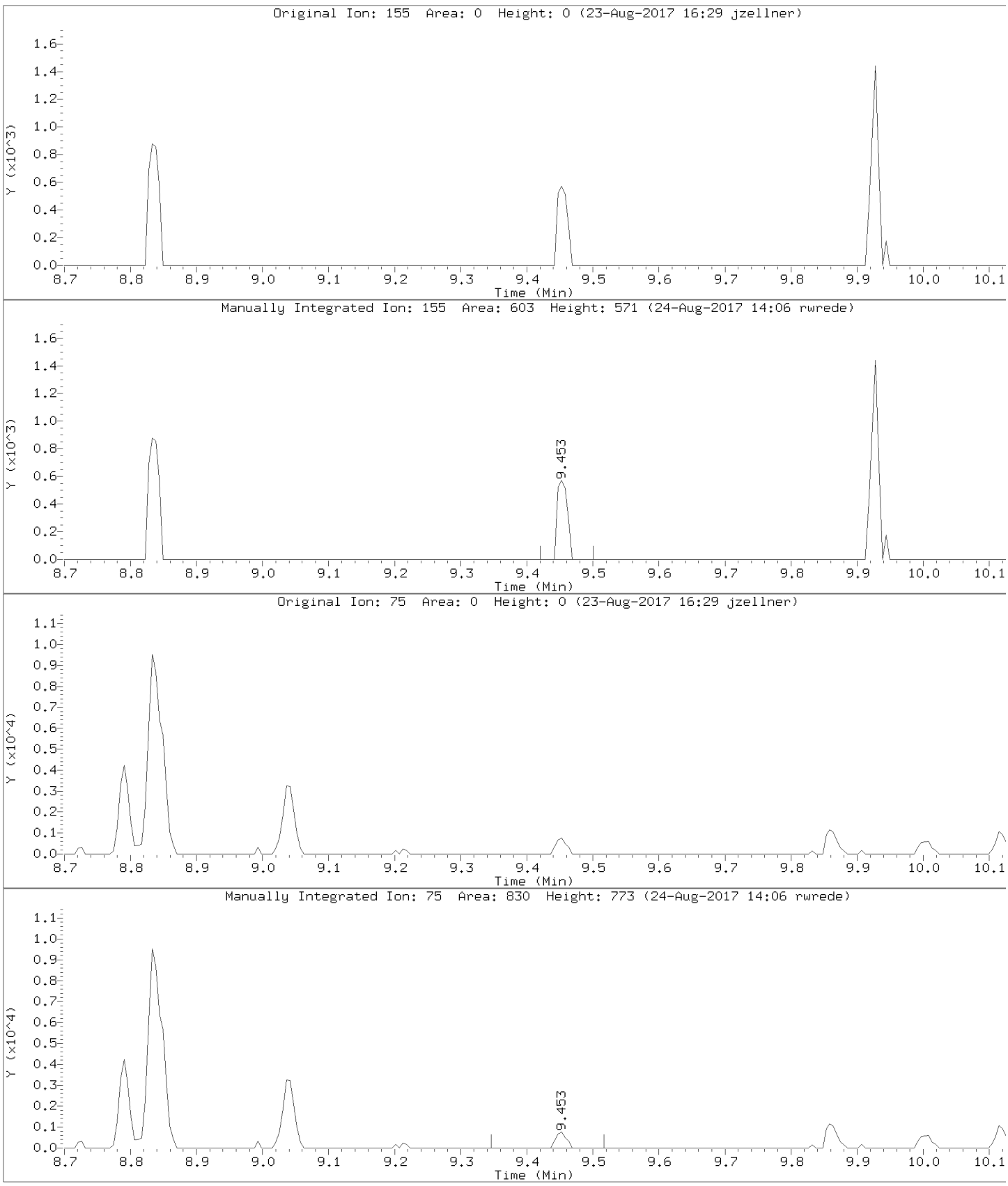
Injection Date: 23-AUG-2017 13:53
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL3,156495:0

Compound: 1,2-Dibromo-3-chloropropane Review Code: NI
CAS Number: 96-12-8



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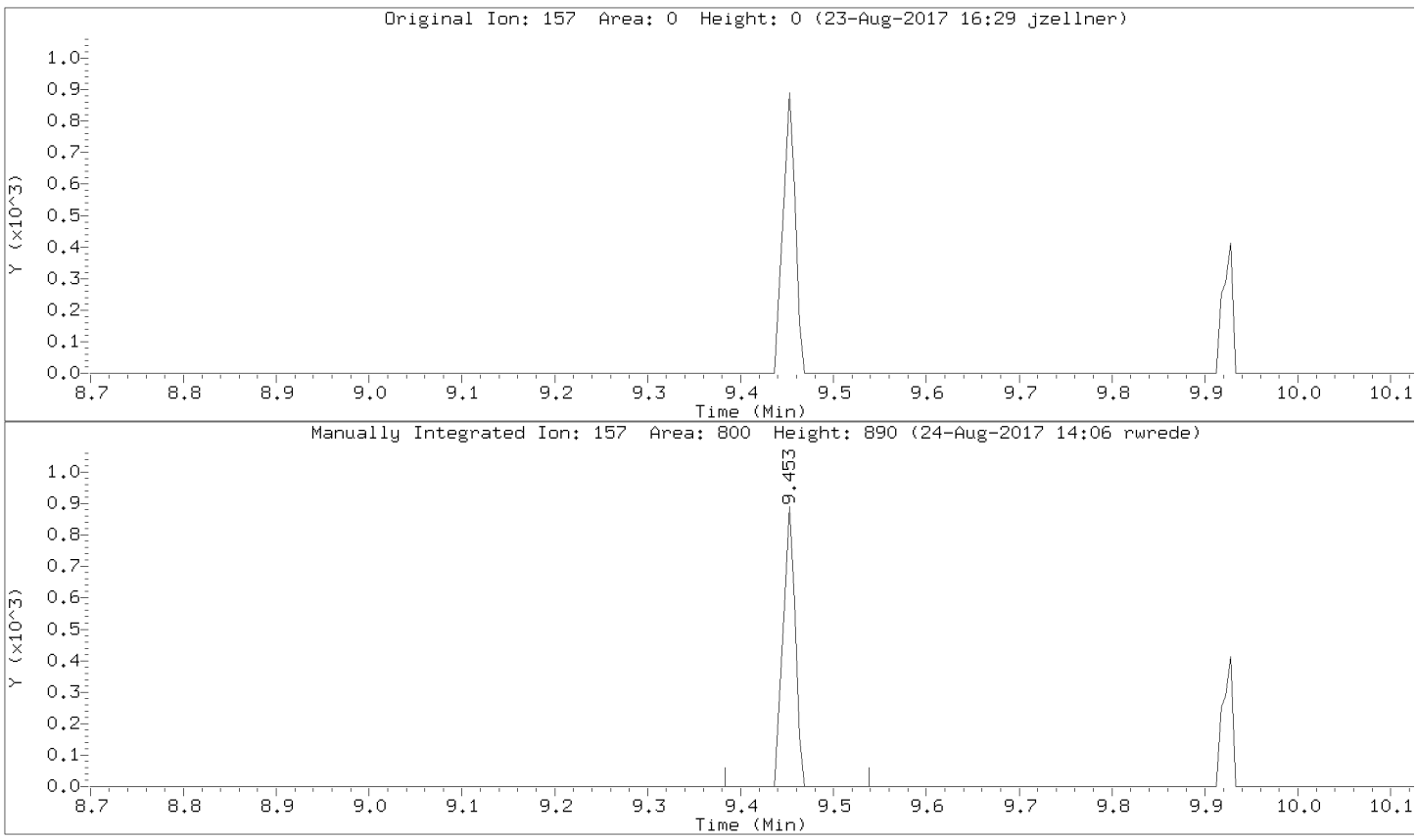


Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b04cal.d
Lab Smp Id: 8260-CAL4,156496:0 Client Smp ID: 8260-CAL4
Inj Date : 23-AUG-2017 14:25
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal4,156496:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 14:25 Cal File: b04cal.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.916	0.916	(0.220)	19382	10.0000	11.4	
2	Chloromethane	50	0.996	0.997	(0.239)	23522	10.0000	11.4	
3	Vinyl Chloride	62	1.044	1.045	(0.251)	24872	10.0000	11.8	
4	Bromomethane	94	1.188	1.183	(0.285)	9498	10.0000	10.4	
5	Chloroethane	64	1.236	1.232	(0.297)	15869	10.0000	12.1(M)	CO
6	Trichlorofluoromethane	101	1.349	1.349	(0.324)	27383	10.0000	11.8	
7	Diethyl ether	74	1.477	1.472	(0.355)	6296	10.0000	9.90	
8	1,2-dichlorotrifluoroethane	67	1.487	1.488	(0.357)	20450	10.0000	9.98	
9	Acrolein	56	1.546	1.541	(0.371)	22784	200.000	206	
10	1,1,2trichlorotrifluoroethane	101	1.594	1.595	(0.383)	17932	10.0000	10.7	
11	1,1-Dichloroethene	96	1.600	1.600	(0.384)	14604	10.0000	10.9	
12	Acetone	43	1.610	1.611	(0.387)	10395	50.0000	51.5	
13	Iodomethane	142	1.685	1.686	(0.405)	31378	20.0000	20.8	
14	Carbon Disulfide	76	1.733	1.734	(0.416)	50248	10.0000	10.5	
15	Methyl Acetate	43	1.787	1.777	(0.429)	4907	10.0000	11.9	
16	allyl chloride	41	1.797	1.792	(0.432)	42310	20.0000	20.4	
17	Acetonitrile	39	1.797	1.792	(0.432)	30158	10.0000	9.72	
18	Methylene Chloride	84	1.872	1.868	(0.450)	17763	10.0000	10.6	
19	tert-Butyl Alcohol	59	1.909	1.910	(0.459)	1848	20.0000	12.5(Q)	
20	Acrylonitrile	53	2.006	2.001	(0.482)	8647	40.0000	37.8(H)	WP
21	Methyl-tert-butyl ether	73	2.032	2.033	(0.488)	27483	10.0000	9.49	
22	1,2-Dichloroethene (trans)	96	2.043	2.043	(0.491)	15653	10.0000	10.7	
23	n-Hexane	57	2.230	2.225	(0.536)	29718	10.0000	10.5	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.337	2.332	(0.561)	71795	40.0000	41.2	
	25 1,1-Dichloroethane	63	2.347	2.342	(0.564)	26450	10.0000	10.3	
	26 Chloroprene	53	2.401	2.401	(0.577)	26703	10.0000	10.6	
	27 2-Butanone	72	2.812	2.802	(0.675)	3127	50.0000	48.2(Q)	
	28 1,2-Dichloroethene (cis)	96	2.823	2.818	(0.678)	15809	10.0000	10.2	
	29 2,2-Dichloropropane	77	2.823	2.823	(0.678)	26027	10.0000	11.0	
	30 Propionitrile	54	2.887	2.855	(0.693)	672	10.0000	10.4(QM)	NI
	31 Methacrylonitrile	41	3.015	3.005	(0.724)	7837	10.0000	16.7	
	32 Bromochloromethane	49	3.047	3.048	(0.732)	9399	10.0000	10.3	
	33 Tetrahydrofuran	42	3.084	3.069	(0.741)	1876	10.0000	6.36(M)	NI
	34 Chloroform	83	3.159	3.160	(0.759)	25430	10.0000	10.3	
$	35 Dibromofluoromethane (S)	113	3.330	3.336	(0.800)	53877	50.0000	49.6	
	36 1,1,1-Trichloroethane	97	3.335	3.336	(0.801)	26085	10.0000	10.5	
	37 Cyclohexane	56	3.421	3.422	(0.822)	30719	10.0000	9.82	
	151 n-Butyl chloride	56	3.485	3.480	(0.837)	33686	10.0000	10.4	
	38 Carbon Tetrachloride	117	3.517	3.518	(0.845)	23667	10.0000	11.1	
	39 1,1-Dichloropropene	75	3.528	3.523	(0.847)	22062	10.0000	10.2	
	40 Benzene	78	3.768	3.763	(0.905)	56838	10.0000	10.3	
	41 1,2-Dichloroethane	62	3.854	3.849	(0.926)	13994	10.0000	9.96	
	42 Isobutyl alcohol	43	3.880	3.881	(0.932)	52438	10.0000	8.92(M)	CO
	43 2,2,4-Trimethylpentane	57	3.944	3.945	(0.947)	67225	10.0000	10.4	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	225351	50.0000		
	45 Trichloroethene	95	4.617	4.612	(1.109)	15232	10.0000	10.0	
	46 Methylcyclohexane	55	4.884	4.885	(1.173)	23853	10.0000	9.68	
	47 1,2-Dichloropropane	63	4.916	4.917	(1.181)	13439	10.0000	10.4	
	48 Methyl methacrylate	69	5.045	5.034	(1.212)	4469	10.0000	8.71	
	49 Dibromomethane	93	5.018	5.013	(1.205)	5702	10.0000	10.3	
	50 1,4-Dioxane	88	5.029	5.024	(1.208)	1360	200.000	188(M)	NI
	51 Bromodichloromethane	83	5.242	5.243	(1.259)	16620	10.0000	10.2	
	52 2-Chloroethyl vinyl ether	63	5.600	5.595	(0.763)	5802	20.0000	18.3	
	53 cis-1,3-Dichloropropene	75	5.739	5.739	(0.782)	19809	10.0000	10.2	
	54 4-Methyl-2-Pentanone	43	5.915	5.910	(0.806)	30209	50.0000	45.8	
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	227107	50.0000	50.1	
	56 Toluene	91	6.086	6.087	(0.830)	66478	10.0000	10.2	
	57 trans-1,3-Dichloropropene	75	6.375	6.370	(0.869)	15558	10.0000	10.0	
	58 Ethyl Methacrylate	69	6.465	6.455	(0.881)	11354	10.0000	9.78(M)	NI
	59 1,1,2-Trichloroethane	83	6.561	6.557	(0.894)	7714	10.0000	10.2(Q)	
	60 Tetrachloroethene	166	6.610	6.610	(0.901)	17809	10.0000	10.6	
	61 1,3-Dichloropropane	76	6.700	6.695	(0.913)	13927	10.0000	9.69	
	62 2-Hexanone	43	6.770	6.765	(0.923)	20467	50.0000	47.9	
	63 Dibromochloromethane	129	6.882	6.882	(0.938)	9848	10.0000	9.37	
	64 1,2-Dibromoethane	107	6.967	6.968	(0.950)	7838	10.0000	9.70	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	171861	50.0000		
	66 Chlorobenzene	112	7.363	7.358	(1.004)	39726	10.0000	10.3	
	67 1,1,1,2-Tetrachloroethane	131	7.437	7.438	(1.014)	12604	10.0000	9.64	
	68 Ethylbenzene	106	7.443	7.443	(1.015)	25220	10.0000	9.60	
	69 m&p-Xylene	106	7.539	7.545	(1.028)	62455	20.0000	19.6	
	70 o-Xylene	106	7.801	7.801	(1.063)	29325	10.0000	10.1	
	71 Styrene	104	7.817	7.817	(1.066)	49160	10.0000	9.99	
	72 Bromoform	173	7.939	7.935	(0.899)	5484	10.0000	9.33	
	73 Isopropylbenzene	105	8.046	8.047	(1.097)	85172	10.0000	10.4	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.159	(1.112)	87340	50.0000	51.2	
	75 Bromobenzene	77	8.239	8.239	(1.123)	25497	10.0000	10.2	
	76 1,1,2,2-Tetrachloroethane	83	8.249	8.250	(0.934)	9712	10.0000	9.89	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.265	8.271	(1.127)	2579	10.0000	10.6(H)	WP
78	1,2,3-Trichloropropane	110	8.281	8.276	(0.938)	2883	10.0000	10.0	
79	n-Propylbenzene	91	8.303	8.308	(0.940)	100213	10.0000	10.5	
80	2-Chlorotoluene	91	8.356	8.357	(0.946)	54416	10.0000	10.1	
81	1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	66952	10.0000	10.1	
82	4-Chlorotoluene	126	8.431	8.431	(0.955)	17215	10.0000	9.93	
83	tert-Butylbenzene	119	8.596	8.597	(0.973)	80982	10.0000	10.5	
84	1,2,4-Trimethylbenzene	105	8.628	8.629	(0.977)	67986	10.0000	10.1	
85	sec-Butylbenzene	105	8.719	8.725	(0.987)	98941	10.0000	10.4	
86	1,3-Dichlorobenzene	146	8.789	8.789	(0.995)	34047	10.0000	10.5	
87	p-Isopropyltoluene	119	8.810	8.811	(0.998)	79997	10.0000	10.4	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.837	(1.000)	86827	50.0000		
89	1,4-Dichlorobenzene	146	8.847	8.848	(1.002)	33540	10.0000	10.1	
90	n-Butylbenzene	91	9.024	9.024	(1.022)	75046	10.0000	10.5	
91	1,2-Dichlorobenzene	146	9.040	9.040	(1.024)	29174	10.0000	10.6	
92	1,2-Dibromo-3-chloropropane	155	9.451	9.451	(1.070)	1501	10.0000	9.84	
93	1,2,4-Trichlorobenzene	180	9.862	9.857	(1.117)	20880	10.0000	10.0	
94	Hexachlorobutadiene	225	9.926	9.921	(1.124)	17016	10.0000	10.9	
95	Naphthalene	128	10.001	9.996	(1.132)	33693	10.0000	9.50	
96	1,2,3-Trichlorobenzene	180	10.119	10.114	(1.146)	17452	10.0000	10.0	
97	2,methyl-naphthalene	142	10.637	10.626	(1.204)	19410	10.0000	9.59	
98	1-Methylnaphthalene	142	10.749	10.744	(1.217)	15529	10.0000	9.91	
99	Isopropyl Acetate	61	3.880	3.881	(0.932)	11144	50.0000	47.4(Q)	
100	Ethyl Acetate	88	2.844	2.845	(0.683)	1889	100.000	88.0(Q)	
101	n-amyl Acetate	70	7.945	7.945	(1.908)	24182	10.0000	9.42	

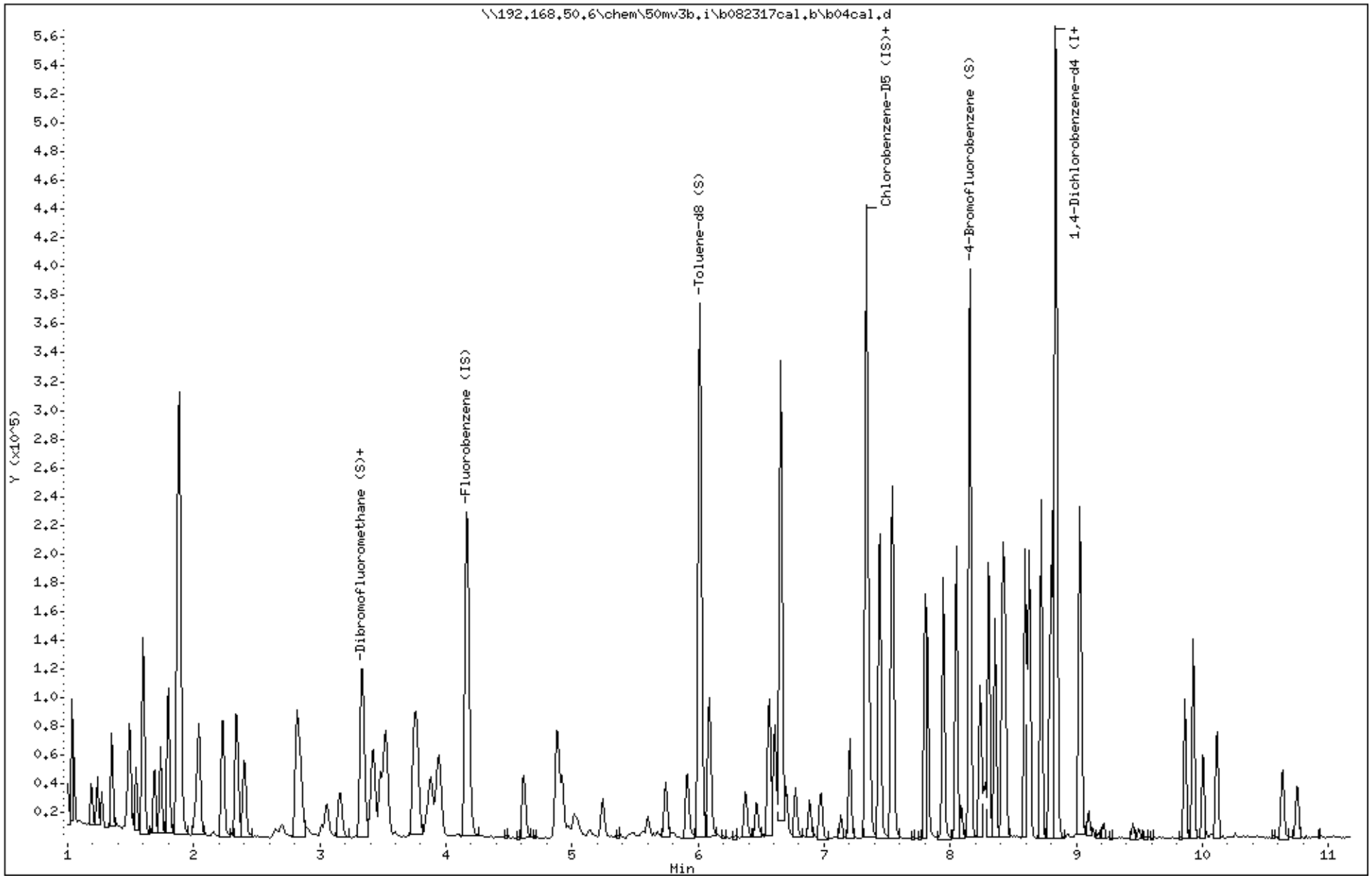
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.
NI: Indicates that the peak was not integrated at all by the computer software.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b04cal.d
Date : 23-AUG-2017 14:25
Client ID: 8260-CAL4
Instrument: 50mv3b.i
Sample Info: 8260-CAL4,156496:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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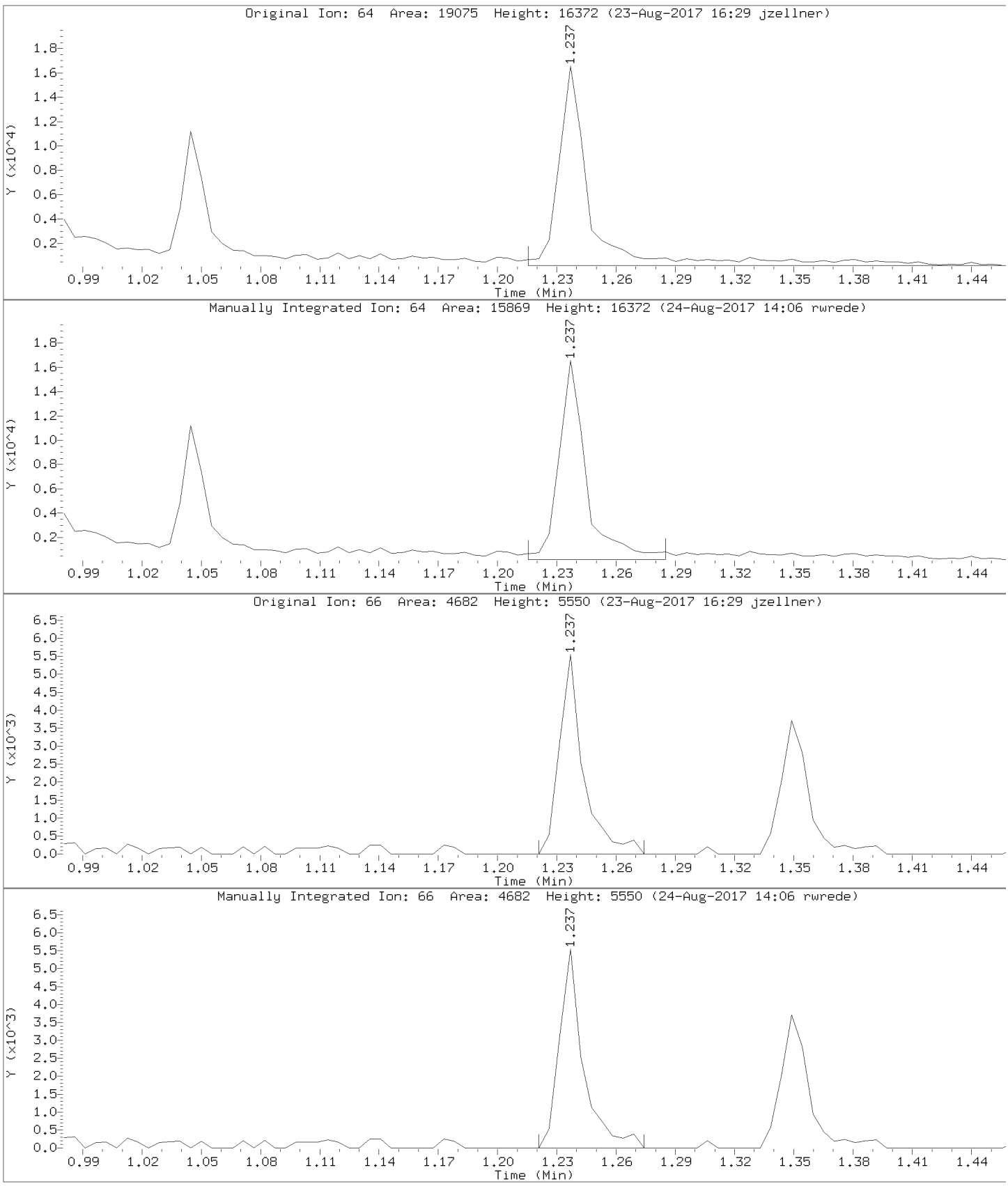
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Chloroethane Review Code: CO
CAS Number: 75-00-3



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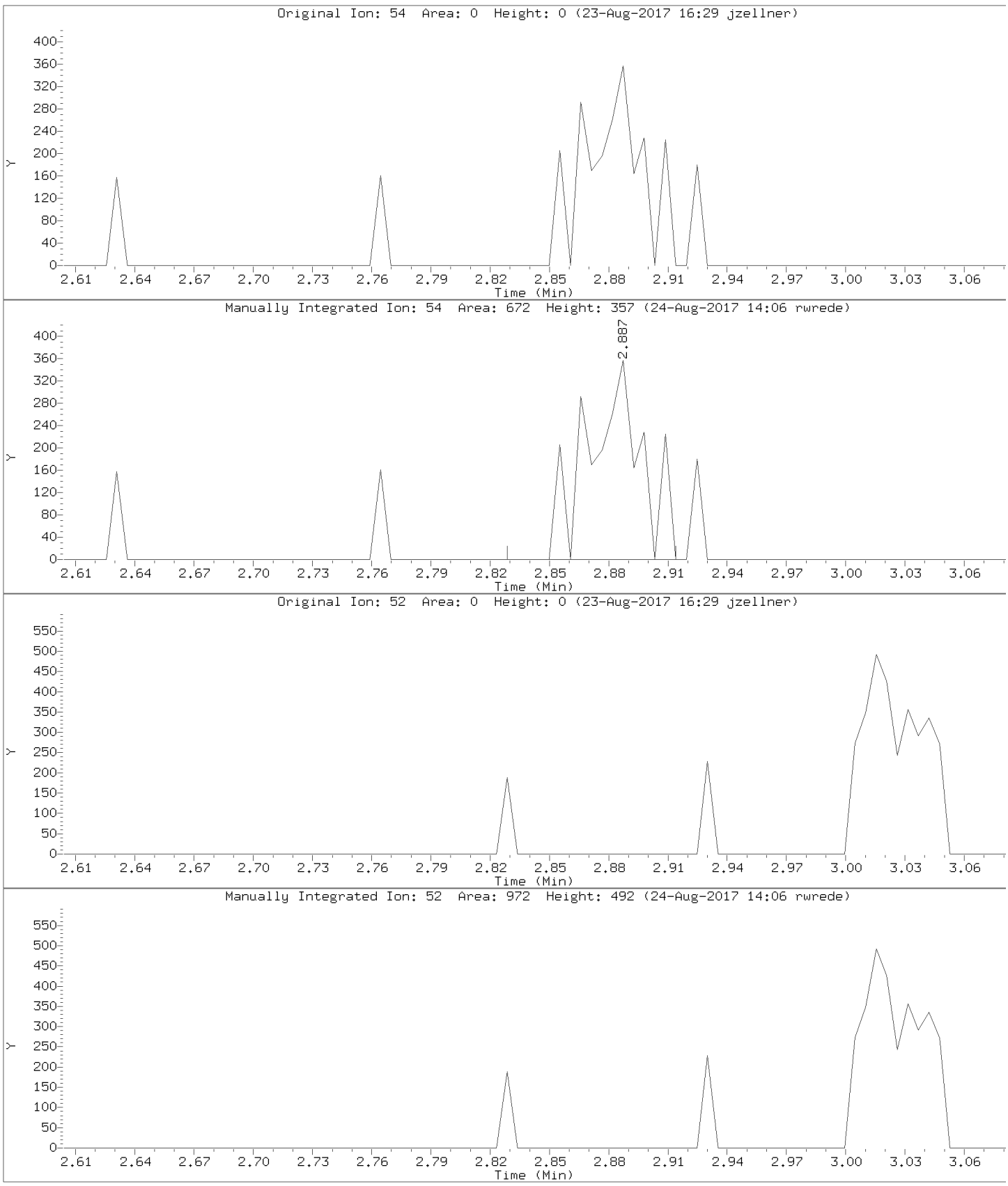
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Propionitrile Review Code: NI
CAS Number: 107-12-0



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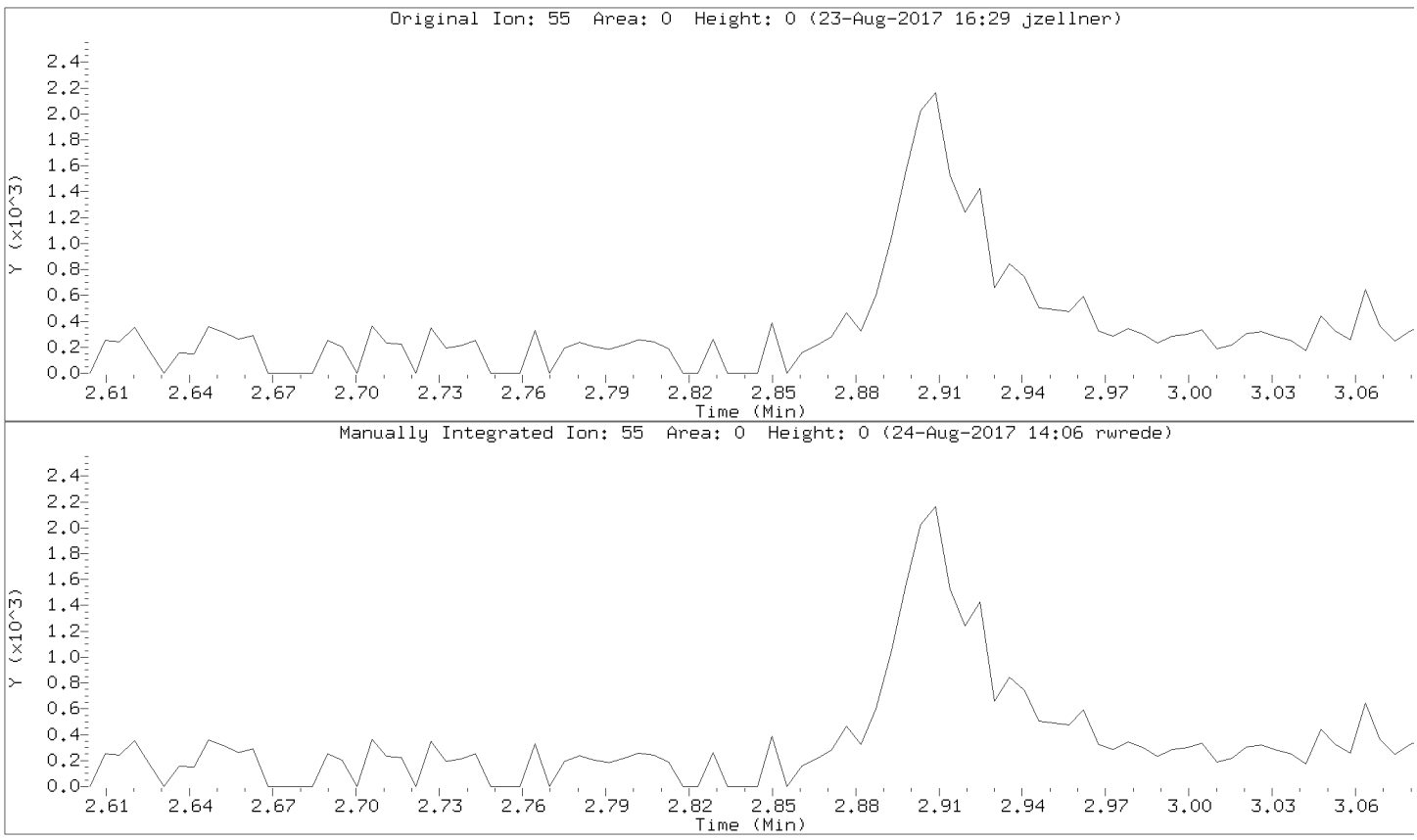
Lab Sample ID: 8260-CAL4,156496:0



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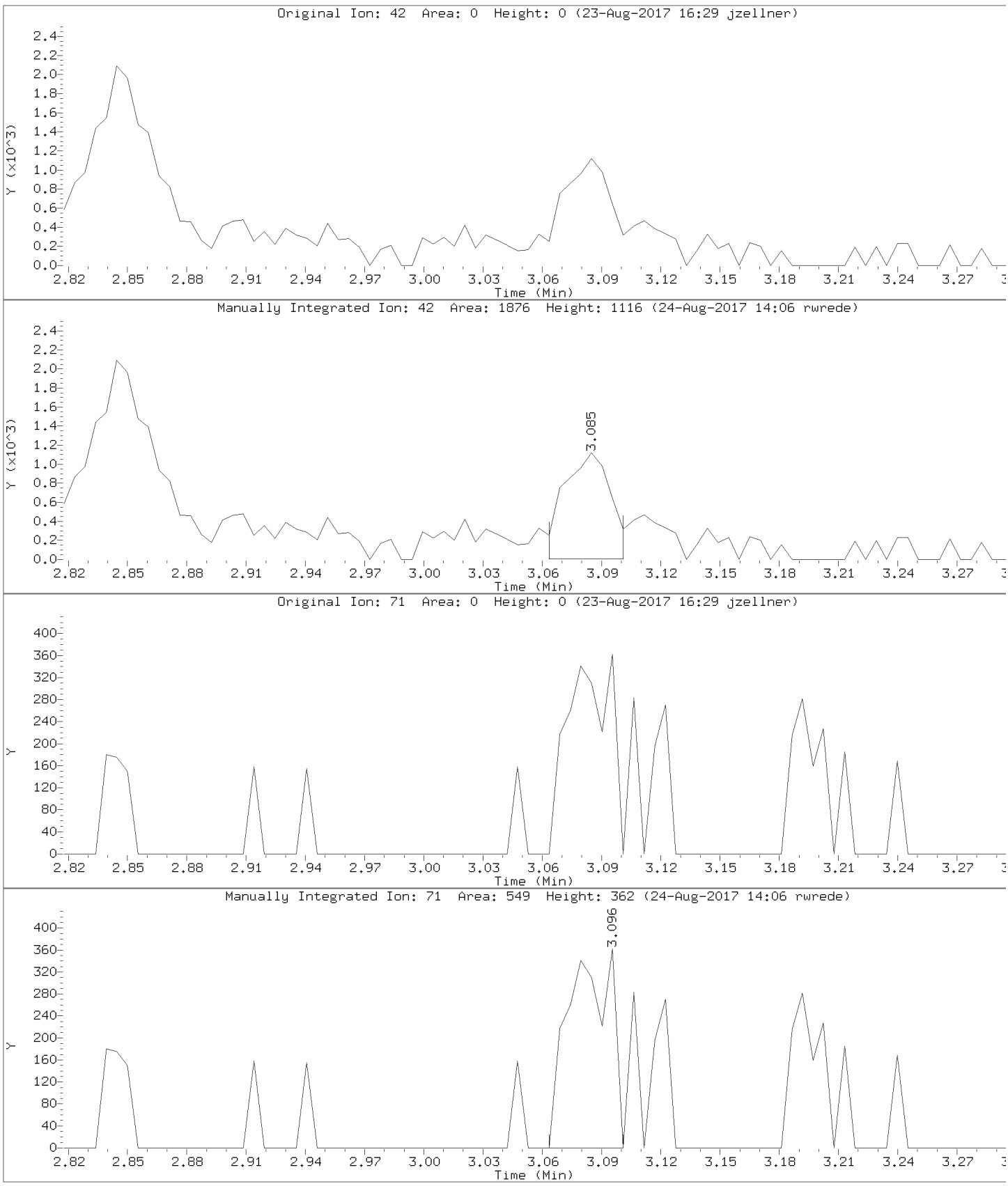
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Tetrahydrofuran Review Code: NI
CAS Number:



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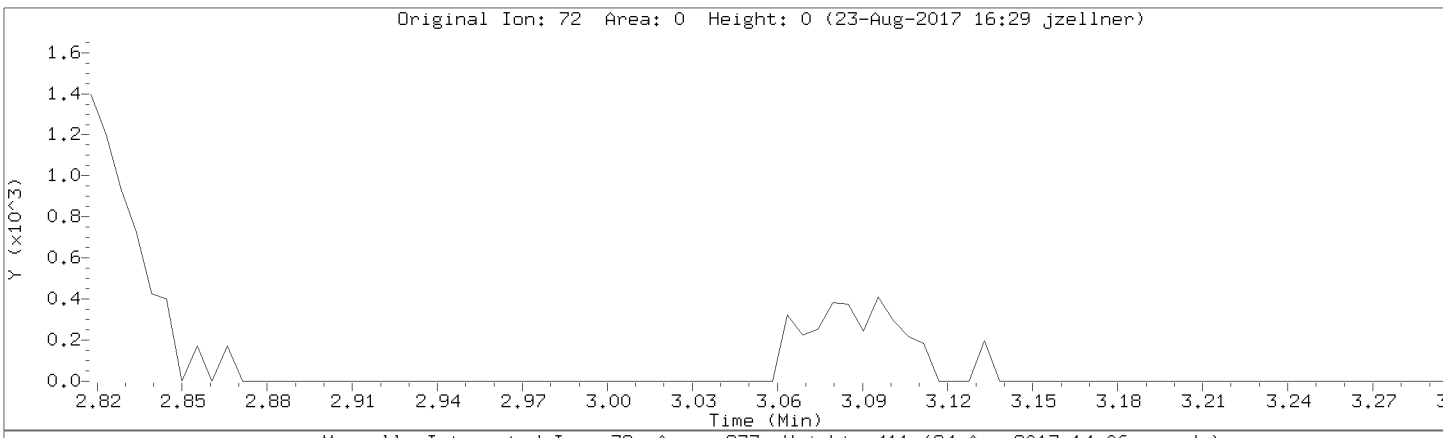
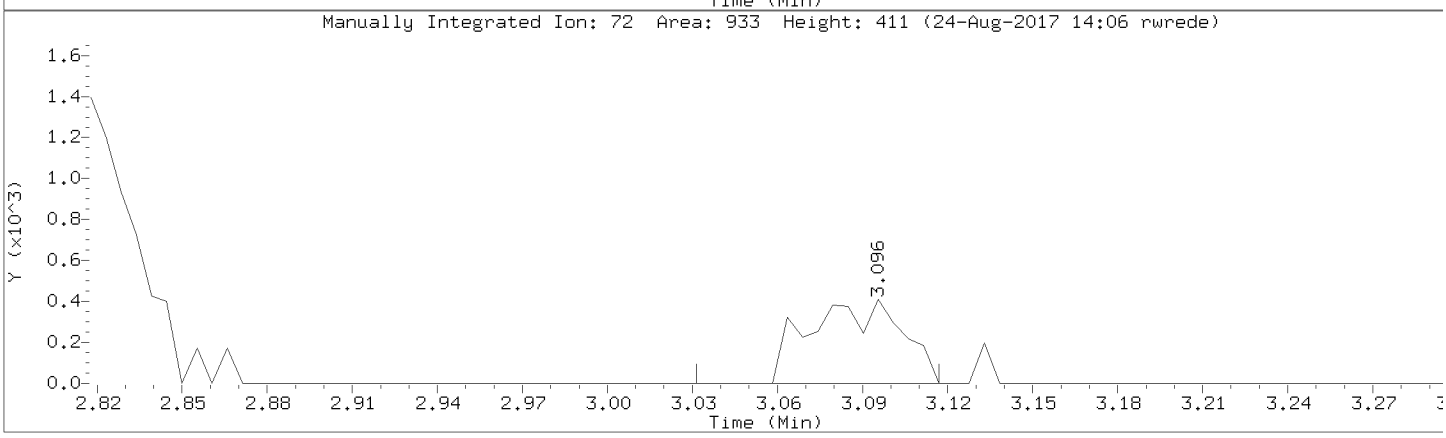
Lab Sample ID: 8260-CAL4,156496:0





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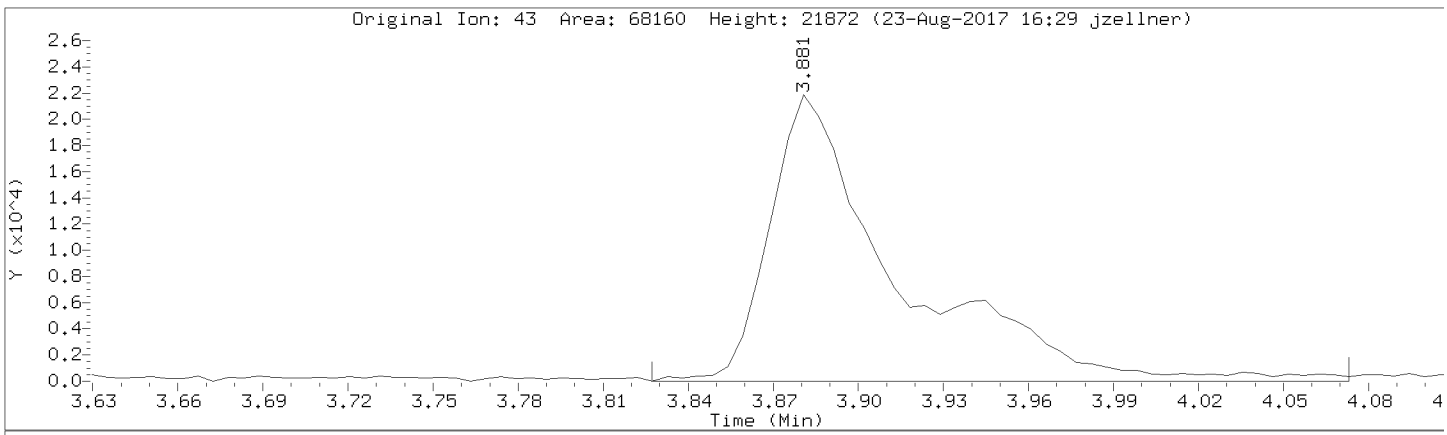
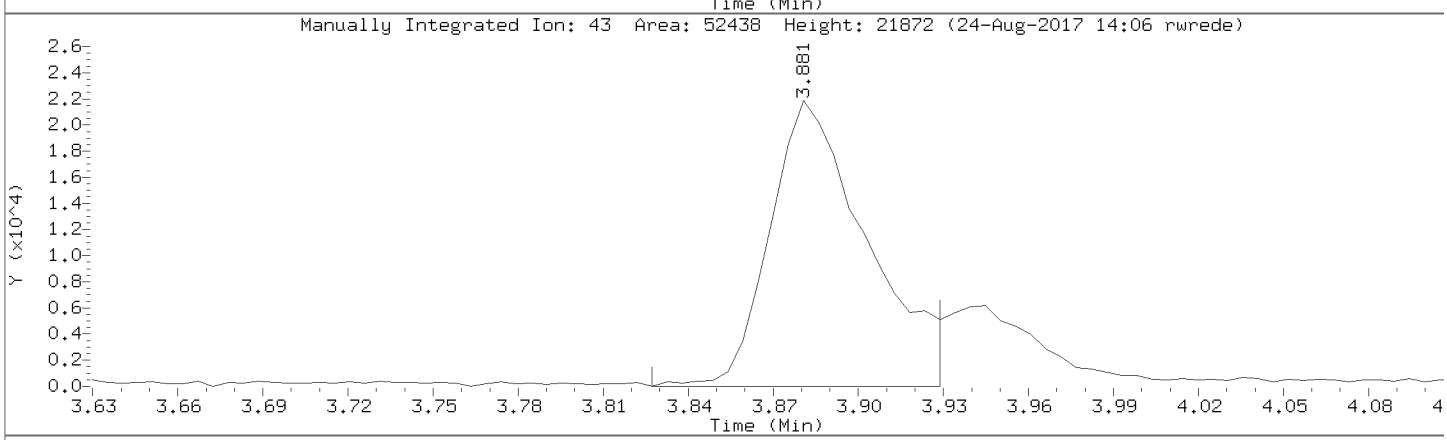
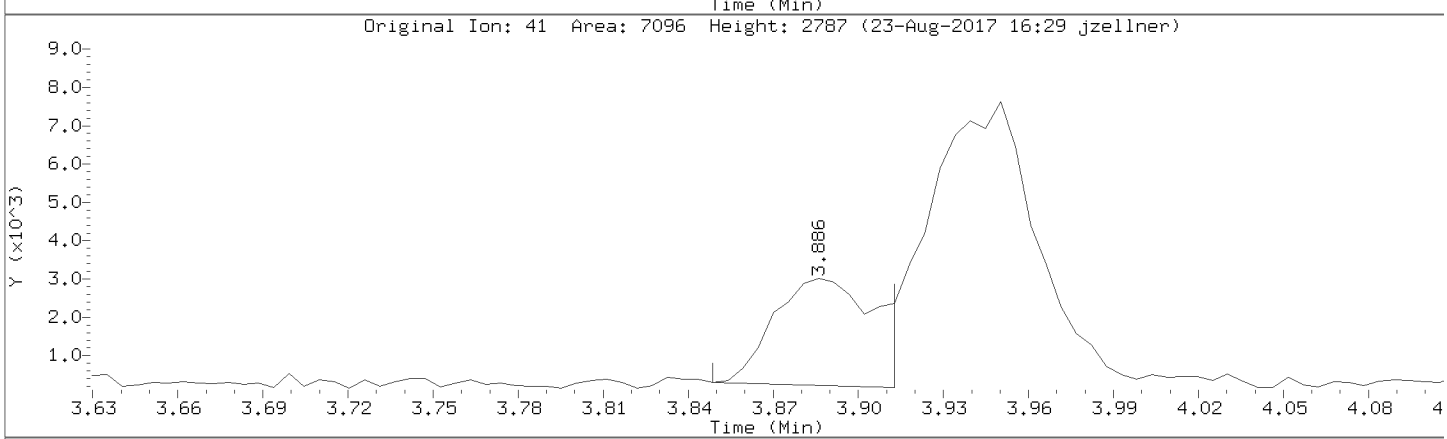
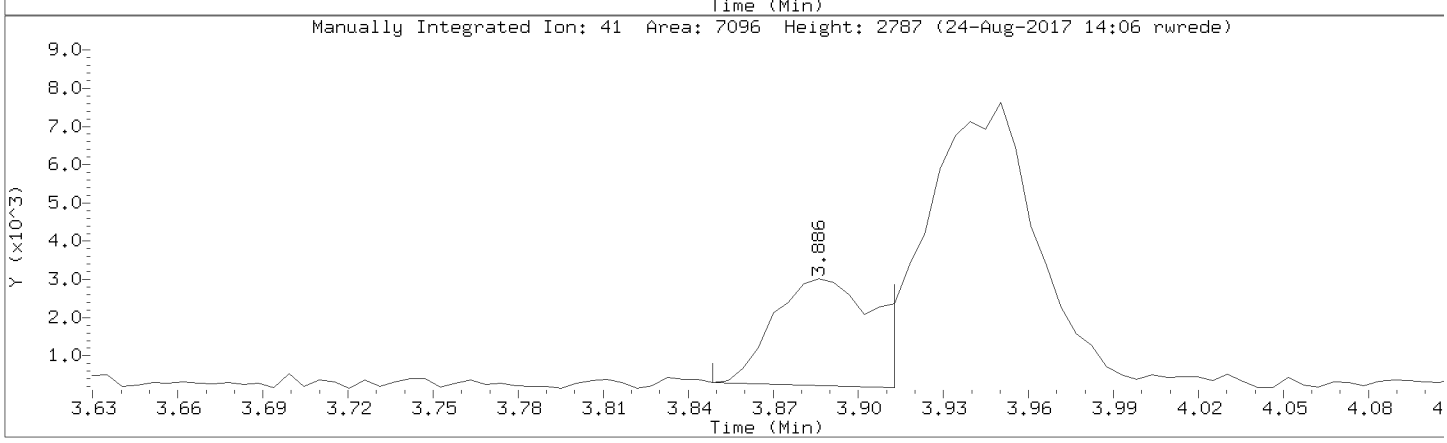
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1









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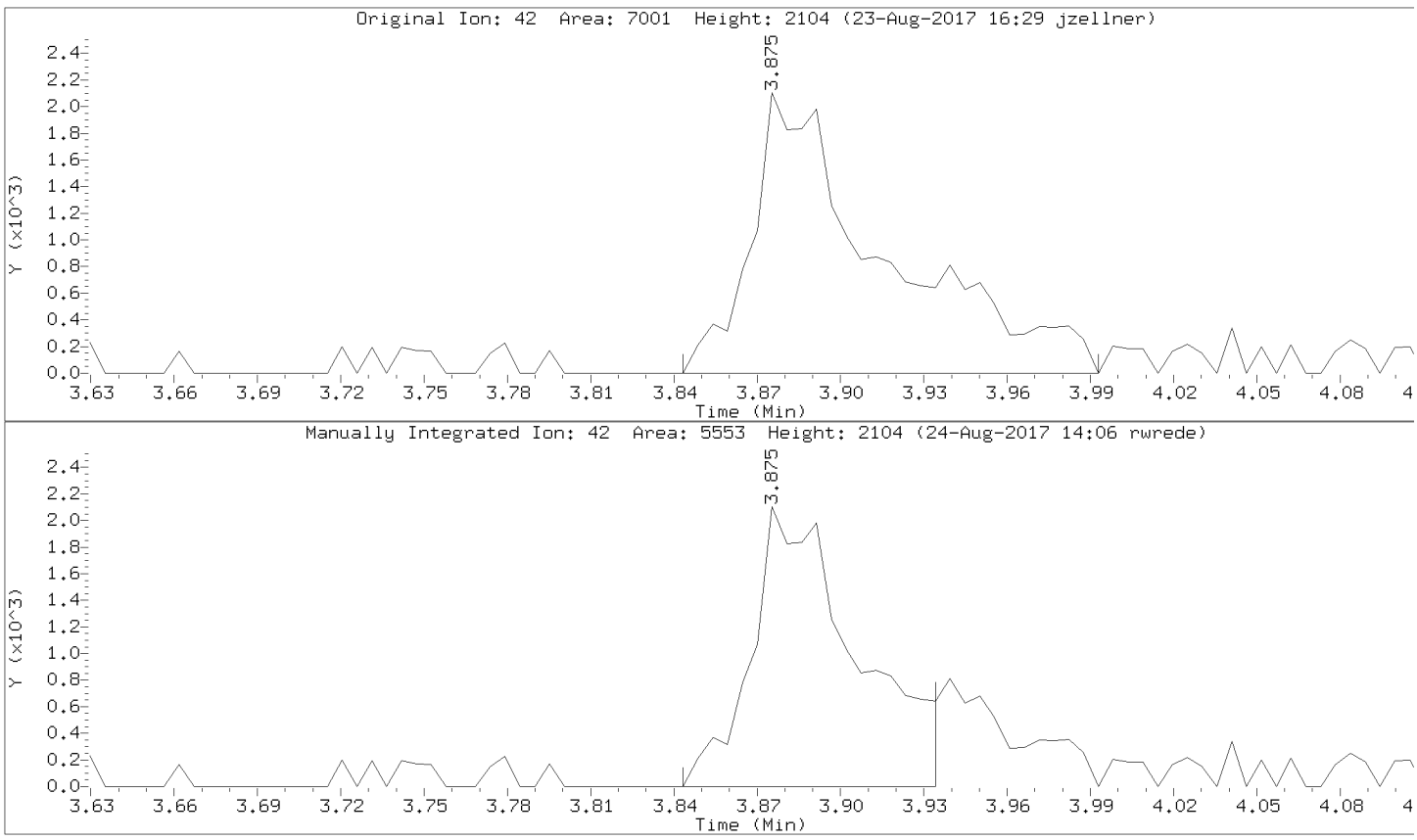
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0



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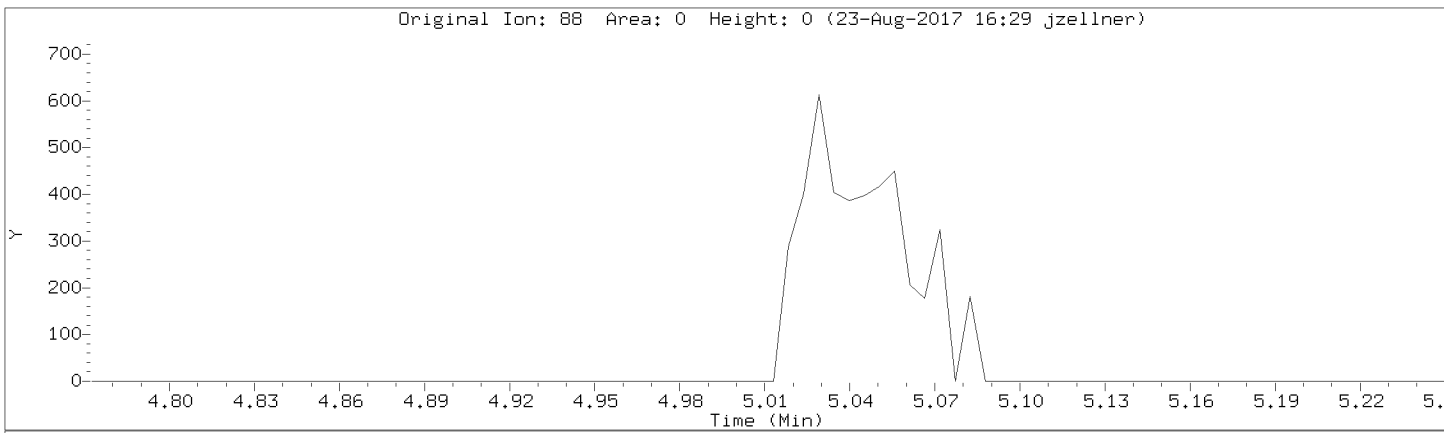
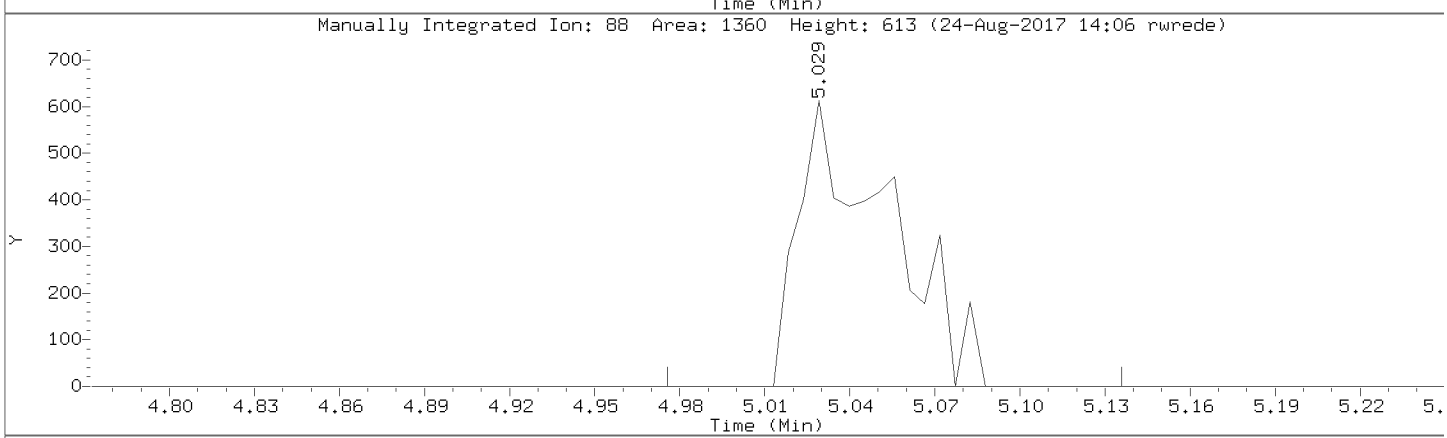
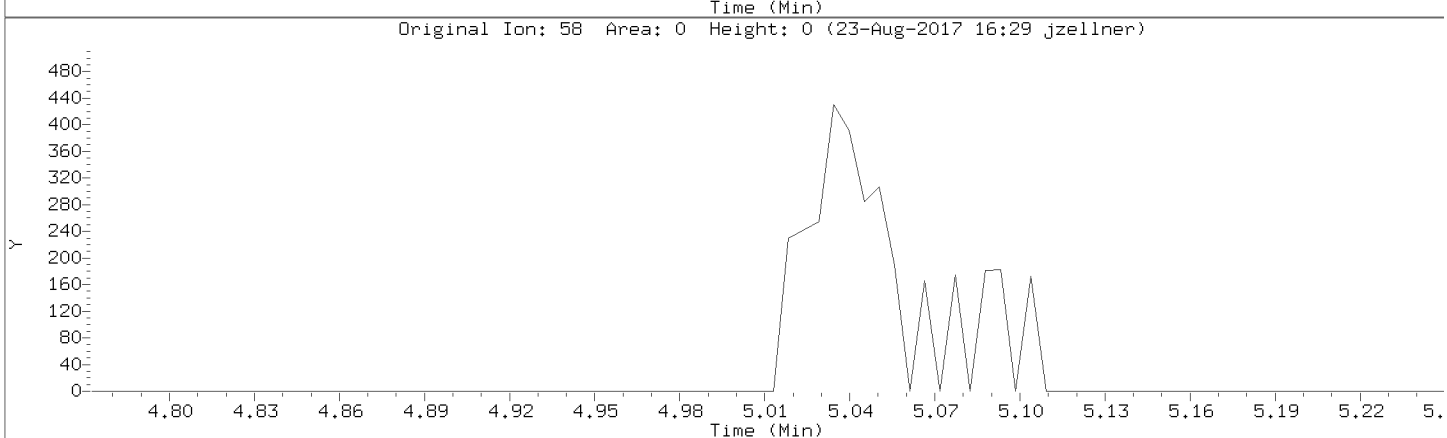
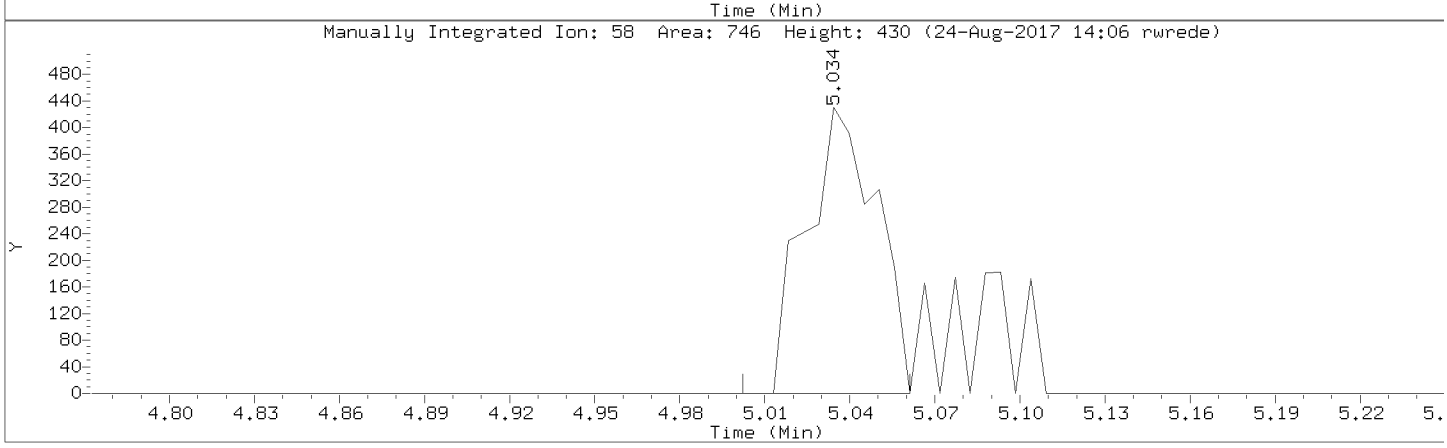
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: 1,4-Dioxane Review Code: NI
CAS Number:









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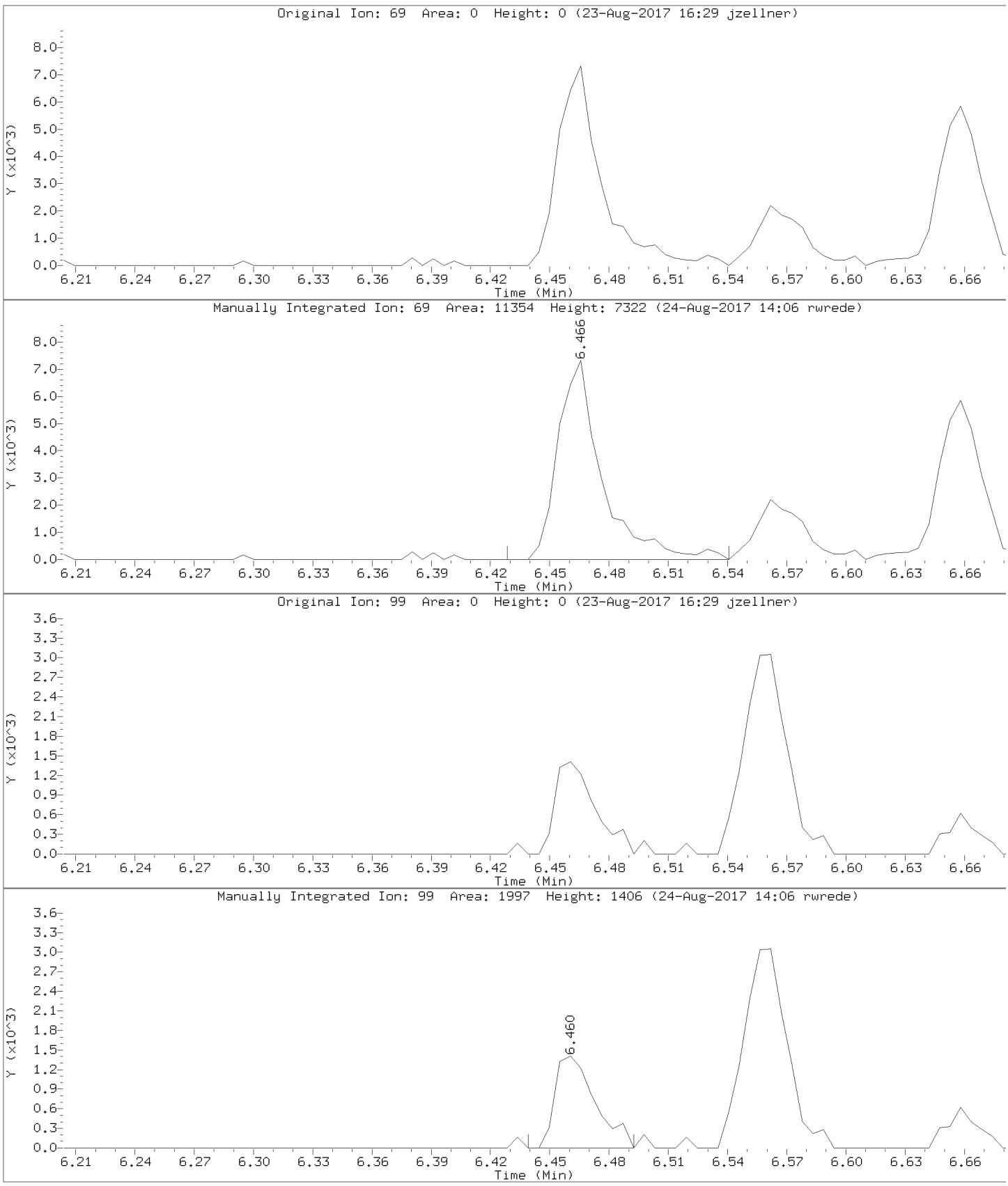
Injection Date: 23-AUG-2017 14:25
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL4,156496:0

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:



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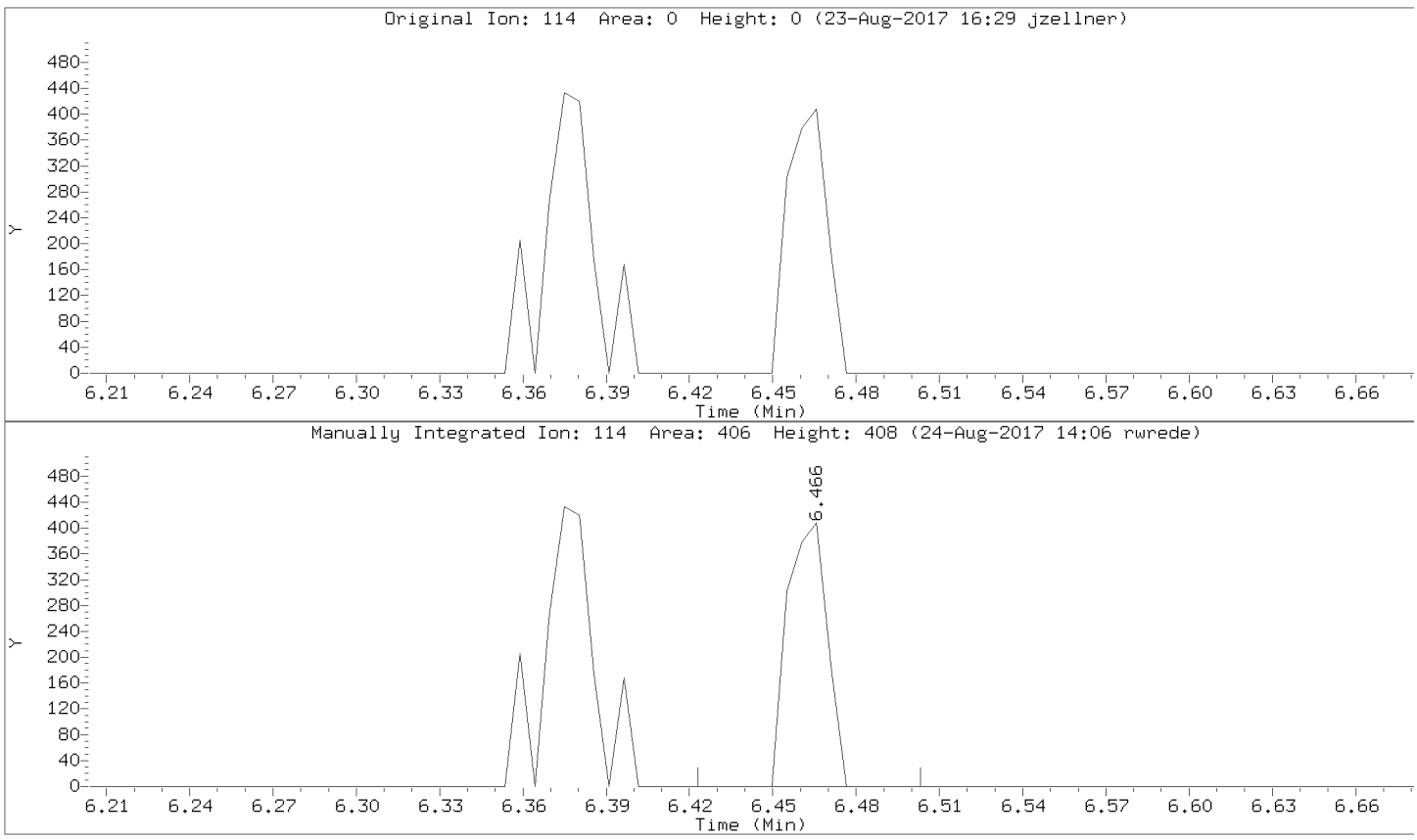
Lab Sample ID: 8260-CAL4,156496:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b05cal.d
Lab Smp Id: 8260-CAL5,156497:0 Client Smp ID: 8260-CAL5
Inj Date : 23-AUG-2017 14:57
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal5,156497:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 14:57 Cal File: b05cal.d
Als bottle: 12 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.918	0.916	(0.220)	36489	20.0000	19.2	
2	Chloromethane	50	0.998	0.997	(0.240)	44401	20.0000	19.2	
3	Vinyl Chloride	62	1.046	1.045	(0.251)	47857	20.0000	20.3(M)	GT
4	Bromomethane	94	1.190	1.183	(0.286)	19552	20.0000	19.0	
5	Chloroethane	64	1.238	1.232	(0.297)	27738	20.0000	18.9	
6	Trichlorofluoromethane	101	1.351	1.349	(0.324)	54333	20.0000	20.9	
7	Diethyl ether	74	1.473	1.472	(0.354)	14937	20.0000	21.0	
8	1,2-dichlorotrifluoroethane	67	1.489	1.488	(0.358)	48996	20.0000	21.3	
9	Acrolein	56	1.543	1.541	(0.370)	46781	400.000	376	
10	1,1,2trichlorotrifluoroethane	101	1.596	1.595	(0.383)	40548	20.0000	21.6	
11	1,1-Dichloroethene	96	1.602	1.600	(0.385)	32487	20.0000	21.7	
12	Acetone	43	1.612	1.611	(0.387)	20844	100.000	92.2	
13	Iodomethane	142	1.687	1.686	(0.405)	71133	40.0000	42.2	
14	Carbon Disulfide	76	1.735	1.734	(0.417)	112358	20.0000	20.9	
15	Methyl Acetate	43	1.783	1.777	(0.428)	13410	20.0000	24.6	
16	allyl chloride	41	1.794	1.792	(0.431)	93660	40.0000	40.2	
17	Acetonitrile	39	1.794	1.792	(0.431)	69376	20.0000	19.9	
18	Methylene Chloride	84	1.869	1.868	(0.449)	32064	20.0000	20.2	
19	tert-Butyl Alcohol	59	1.911	1.910	(0.459)	4742	40.0000	44.3(Q)	
20	Acrylonitrile	53	2.007	2.001	(0.482)	21016	80.0000	81.9(H)	WP
21	Methyl-tert-butyl ether	73	2.029	2.033	(0.487)	67023	20.0000	20.6	
22	1,2-Dichloroethene (trans)	96	2.045	2.043	(0.491)	35171	20.0000	21.4	
23	n-Hexane	57	2.226	2.225	(0.535)	67465	20.0000	21.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.333	2.332	(0.560)	157183	80.0000	80.5	
	25 1,1-Dichloroethane	63	2.344	2.342	(0.563)	61106	20.0000	21.2	
	26 Chloroprene	53	2.403	2.401	(0.577)	61649	20.0000	21.9	
	27 2-Butanone	72	2.803	2.802	(0.673)	8273	100.000	114	
	28 1,2-Dichloroethene (cis)	96	2.819	2.818	(0.677)	35825	20.0000	20.7	
	29 2,2-Dichloropropane	77	2.825	2.823	(0.678)	57479	20.0000	21.6	
	30 Propionitrile	54	2.862	2.855	(0.687)	2192	20.0000	24.5(Q)	
	31 Methacrylonitrile	41	3.012	3.005	(0.723)	9461	20.0000	18.3	
	32 Bromochloromethane	49	3.049	3.048	(0.732)	22808	20.0000	22.4	
	33 Tetrahydrofuran	42	3.076	3.069	(0.738)	5635	20.0000	23.8	
	34 Chloroform	83	3.156	3.160	(0.758)	56321	20.0000	20.4	
$	35 Dibromofluoromethane (S)	113	3.332	3.336	(0.800)	62239	50.0000	51.2	
	36 1,1,1-Trichloroethane	97	3.337	3.336	(0.801)	58031	20.0000	20.8	
	37 Cyclohexane	56	3.423	3.422	(0.822)	68062	20.0000	19.4	
	151 n-Butyl chloride	56	3.487	3.480	(0.837)	77509	20.0000	21.4	
	38 Carbon Tetrachloride	117	3.519	3.518	(0.845)	50596	20.0000	21.2	
	39 1,1-Dichloropropene	75	3.530	3.523	(0.847)	52792	20.0000	21.8	
	40 Benzene	78	3.765	3.763	(0.904)	131940	20.0000	21.4	
	41 1,2-Dichloroethane	62	3.850	3.849	(0.924)	33579	20.0000	21.3	
	42 Isobutyl alcohol	43	3.877	3.881	(0.931)	135685	20.0000	20.6(M)	CO
	43 2,2,4-Trimethylpentane	57	3.941	3.945	(0.946)	150207	20.0000	20.8	
*	44 Fluorobenzene (IS)	96	4.165	4.164	(1.000)	252532	50.0000		
	45 Trichloroethene	95	4.619	4.612	(1.109)	35155	20.0000	20.7	
	46 Methylcyclohexane	55	4.881	4.885	(1.172)	56977	20.0000	20.6	
	47 1,2-Dichloropropane	63	4.918	4.917	(1.181)	31754	20.0000	21.8	
	48 Methyl methacrylate	69	5.036	5.034	(1.209)	13131	20.0000	22.8	
	49 Dibromomethane	93	5.020	5.013	(1.205)	13386	20.0000	21.6	
	50 1,4-Dioxane	88	5.025	5.024	(1.206)	3627	400.000	447	
	51 Bromodichloromethane	83	5.239	5.243	(1.258)	38699	20.0000	21.2	
	52 2-Chloroethyl vinyl ether	63	5.597	5.595	(0.763)	16532	60.0000	47.3	
	53 cis-1,3-Dichloropropene	75	5.741	5.739	(0.782)	45513	20.0000	21.1	
	54 4-Methyl-2-Pentanone	43	5.912	5.910	(0.806)	78809	100.000	108	
$	55 Toluene-d8 (S)	98	6.013	6.012	(0.819)	252923	50.0000	50.5	
	56 Toluene	91	6.088	6.087	(0.830)	147983	20.0000	20.6	
	57 trans-1,3-Dichloropropene	75	6.371	6.370	(0.868)	38004	20.0000	22.2	
	58 Ethyl Methacrylate	69	6.462	6.455	(0.881)	29004	20.0000	22.6	
	59 1,1,2-Trichloroethane	83	6.558	6.557	(0.894)	18011	20.0000	21.6(Q)	
	60 Tetrachloroethene	166	6.611	6.610	(0.901)	42120	20.0000	22.6	
	61 1,3-Dichloropropane	76	6.697	6.695	(0.913)	34444	20.0000	21.7	
	62 2-Hexanone	43	6.766	6.765	(0.922)	56499	100.000	120	
	63 Dibromochloromethane	129	6.884	6.882	(0.938)	26465	20.0000	22.8	
	64 1,2-Dibromoethane	107	6.969	6.968	(0.950)	19439	20.0000	21.8	
*	65 Chlorobenzene-D5 (IS)	117	7.338	7.336	(1.000)	189863	50.0000		
	66 Chlorobenzene	112	7.359	7.358	(1.003)	92022	20.0000	21.6	
	67 1,1,1,2-Tetrachloroethane	131	7.434	7.438	(1.013)	32416	20.0000	22.4	
	68 Ethylbenzene	106	7.439	7.443	(1.014)	58873	20.0000	20.3	
	69 m&p-Xylene	106	7.541	7.545	(1.028)	145256	40.0000	41.4	
	70 o-Xylene	106	7.803	7.801	(1.063)	67457	20.0000	21.0	
	71 Styrene	104	7.819	7.817	(1.065)	114065	20.0000	21.0	
	72 Bromoform	173	7.936	7.935	(0.898)	15583	20.0000	25.1	
	73 Isopropylbenzene	105	8.048	8.047	(1.097)	199268	20.0000	21.9	
$	74 4-Bromofluorobenzene (S)	95	8.155	8.159	(1.111)	93456	50.0000	49.6	
	75 Bromobenzene	77	8.235	8.239	(1.122)	58618	20.0000	21.2	
	76 1,1,2,2-Tetrachloroethane	83	8.246	8.250	(0.933)	23544	20.0000	22.7	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.273	8.271	(1.127)	6410	20.0000	24.0(H)	WP
78	1,2,3-Trichloropropane	110	8.278	8.276	(0.937)	7498	20.0000	24.7	
79	n-Propylbenzene	91	8.305	8.308	(0.940)	230227	20.0000	22.9	
80	2-Chlorotoluene	91	8.353	8.357	(0.946)	129084	20.0000	22.7	
81	1,3,5-Trimethylbenzene	105	8.417	8.415	(0.953)	157329	20.0000	22.4	
82	4-Chlorotoluene	126	8.433	8.431	(0.955)	41882	20.0000	22.8	
83	tert-Butylbenzene	119	8.593	8.597	(0.973)	187741	20.0000	23.0	
84	1,2,4-Trimethylbenzene	105	8.630	8.629	(0.977)	160641	20.0000	22.5	
85	sec-Butylbenzene	105	8.721	8.725	(0.987)	230648	20.0000	23.0	
86	1,3-Dichlorobenzene	146	8.791	8.789	(0.995)	78962	20.0000	23.0	
87	p-Isopropyltoluene	119	8.807	8.811	(0.997)	188429	20.0000	23.2	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.837	(1.000)	91836	50.0000		
89	1,4-Dichlorobenzene	146	8.849	8.848	(1.002)	80651	20.0000	23.0	
90	n-Butylbenzene	91	9.026	9.024	(1.022)	173645	20.0000	23.0	
91	1,2-Dichlorobenzene	146	9.036	9.040	(1.023)	69026	20.0000	23.6	
92	1,2-Dibromo-3-chloropropane	155	9.448	9.451	(1.070)	3969	20.0000	24.6	
93	1,2,4-Trichlorobenzene	180	9.859	9.857	(1.116)	51476	20.0000	23.4	
94	Hexachlorobutadiene	225	9.923	9.921	(1.123)	37914	20.0000	23.0	
95	Naphthalene	128	9.998	9.996	(1.132)	84149	20.0000	22.4	
96	1,2,3-Trichlorobenzene	180	10.115	10.114	(1.145)	42405	20.0000	23.1	
97	2,methyl-naphthalene	142	10.633	10.626	(1.204)	48518	20.0000	22.7	
98	1-Methylnaphthalene	142	10.745	10.744	(1.216)	38356	20.0000	23.1	
99	Isopropyl Acetate	61	3.882	3.881	(0.932)	30257	100.000	115	
100	Ethyl Acetate	88	2.841	2.845	(0.682)	5660	200.000	235(Q)	
101	n-amyl Acetate	70	7.947	7.945	(1.908)	64648	20.0000	22.5	

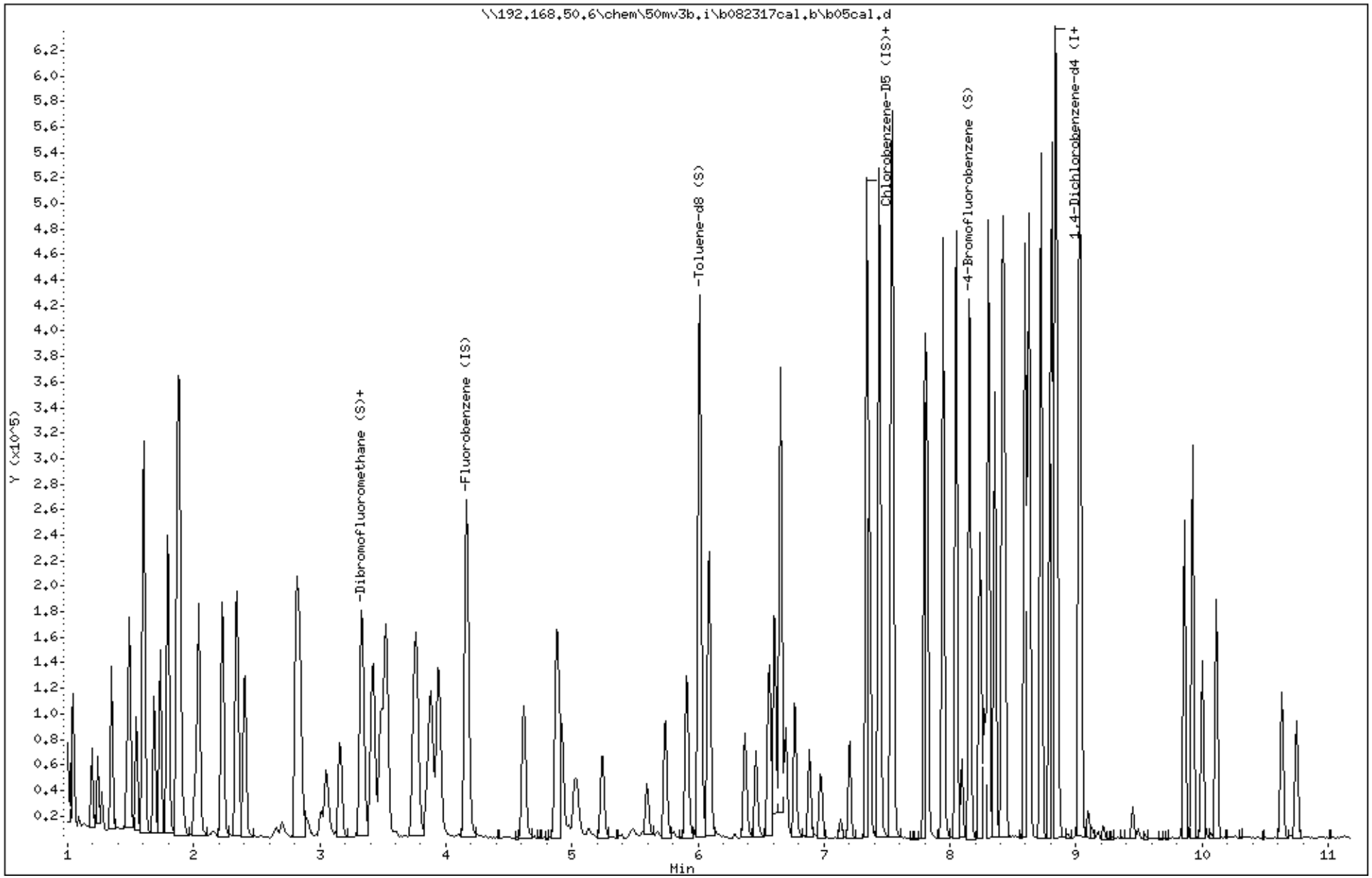
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

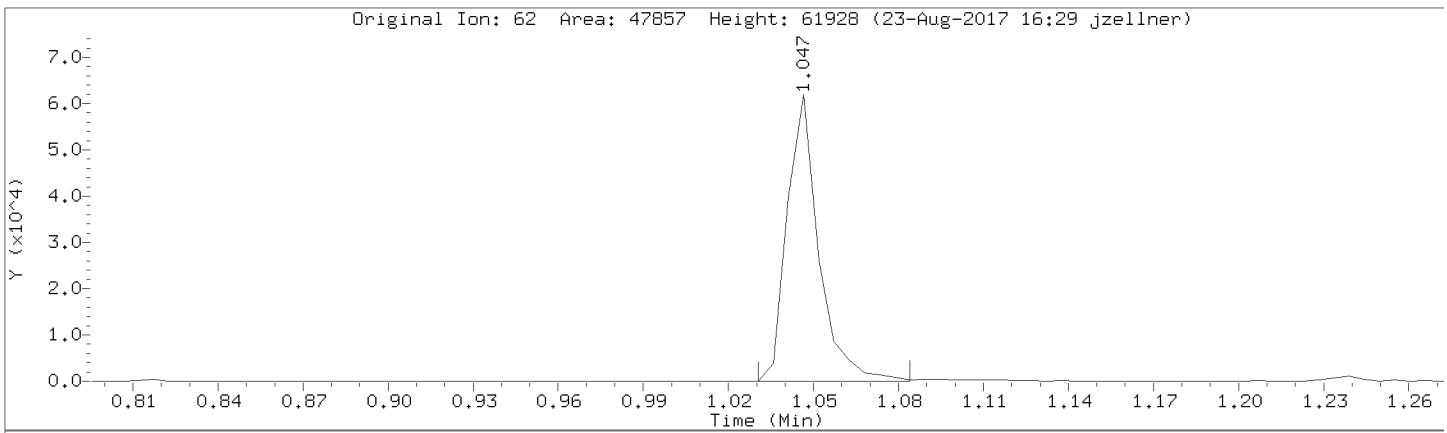
:
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).
WP: Indicates that the wrong peak was chosen by the data system.
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.

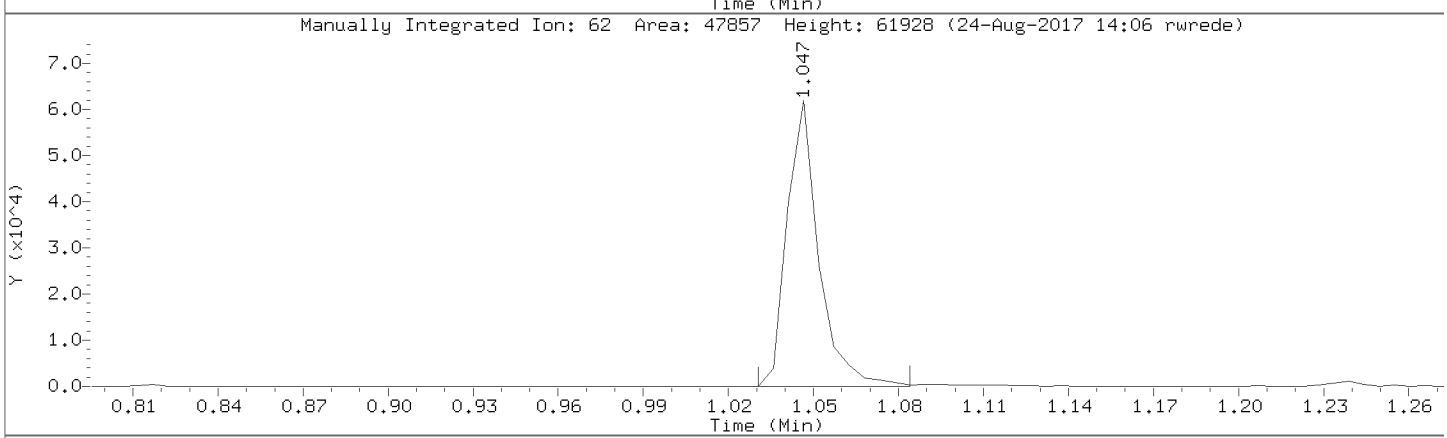
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b05cal.d
Date : 23-AUG-2017 14:57
Client ID: 8260-CAL5
Instrument: 50mv3b.i
Sample Info: 8260-CAL5,156497:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18

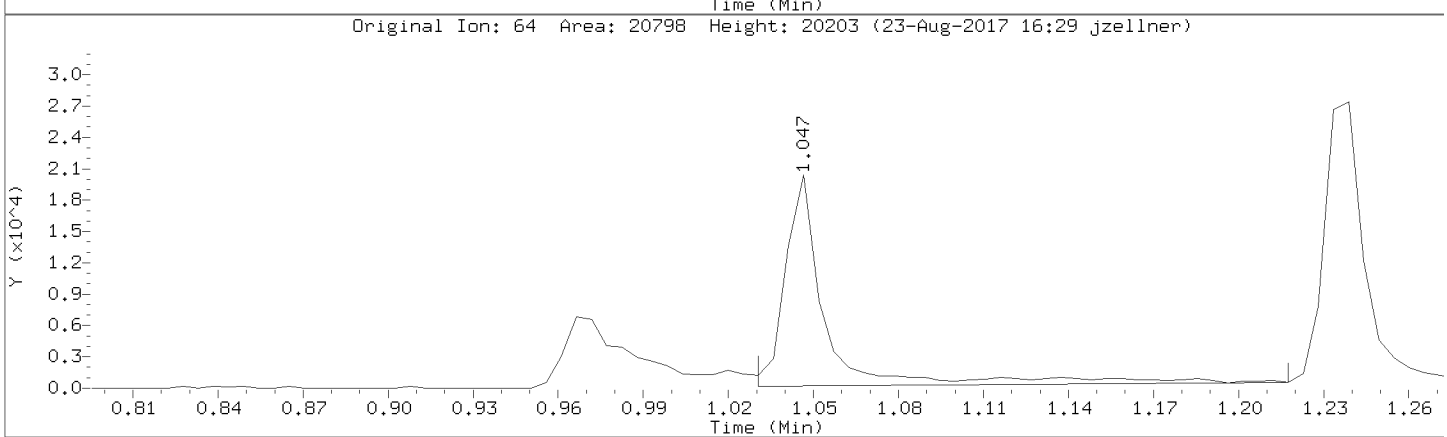


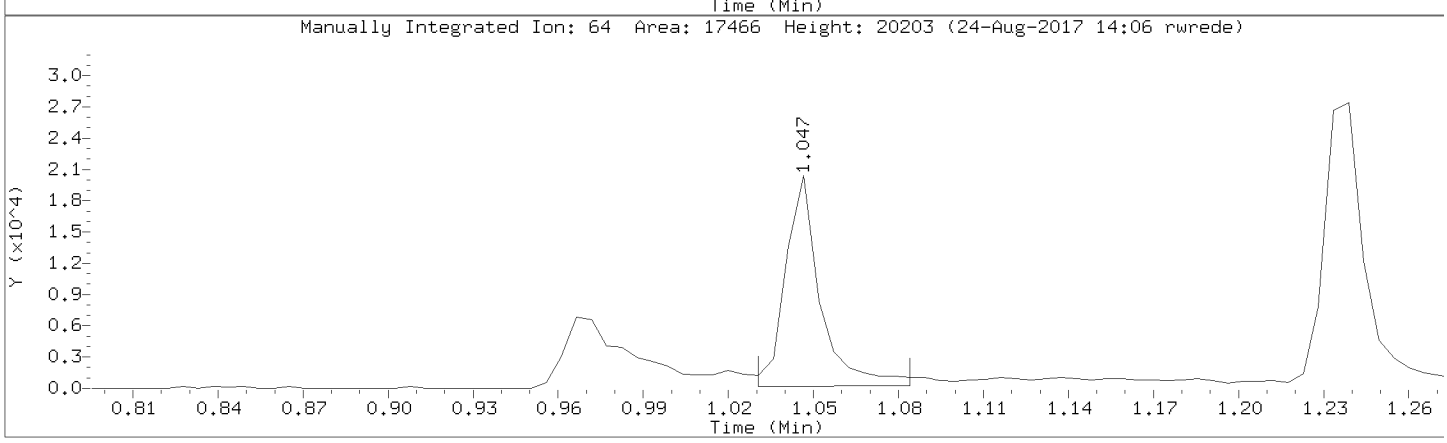
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b05cal.d
Injection Date: 23-AUG-2017 14:57
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL5,156497:0

Compound: Vinyl Chloride Review Code: GT
CAS Number: 75-01-4



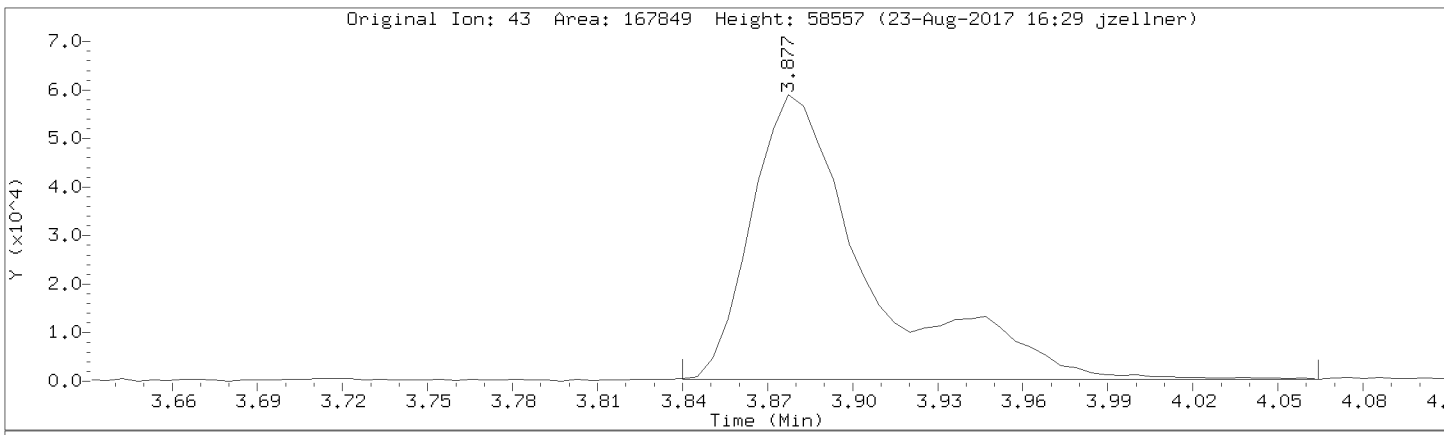


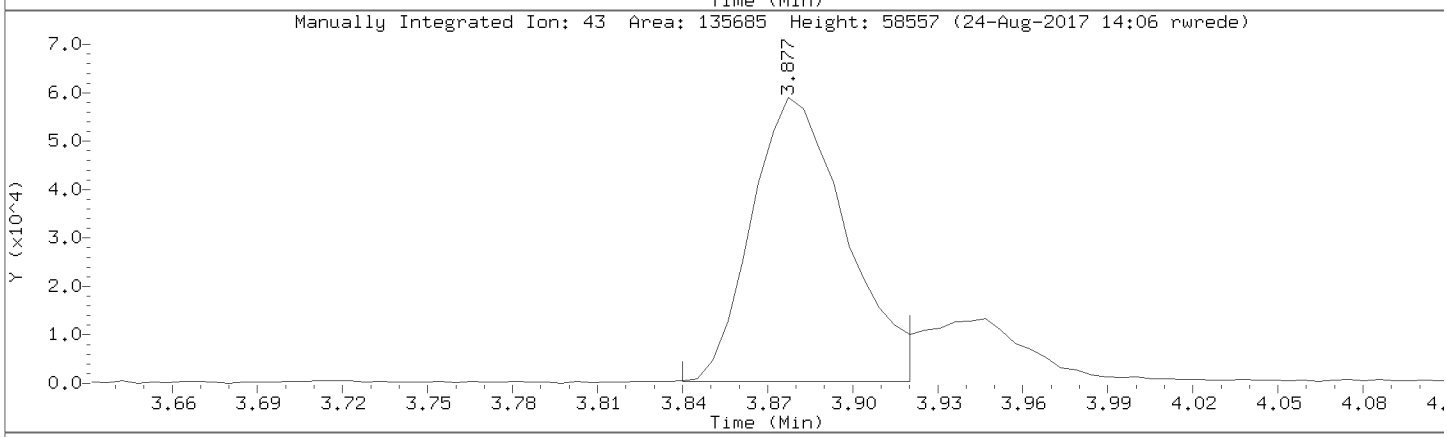


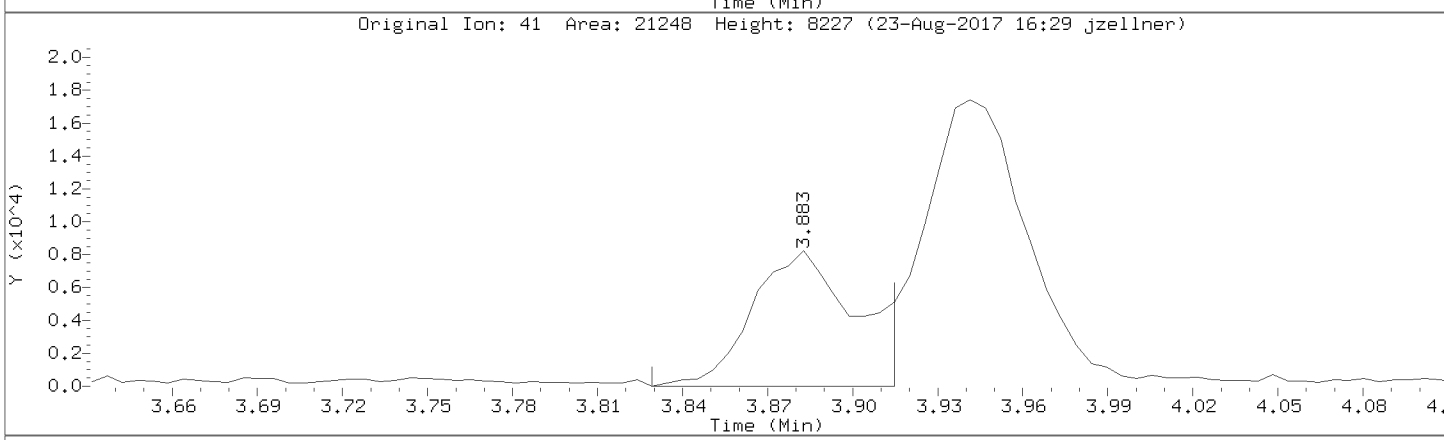


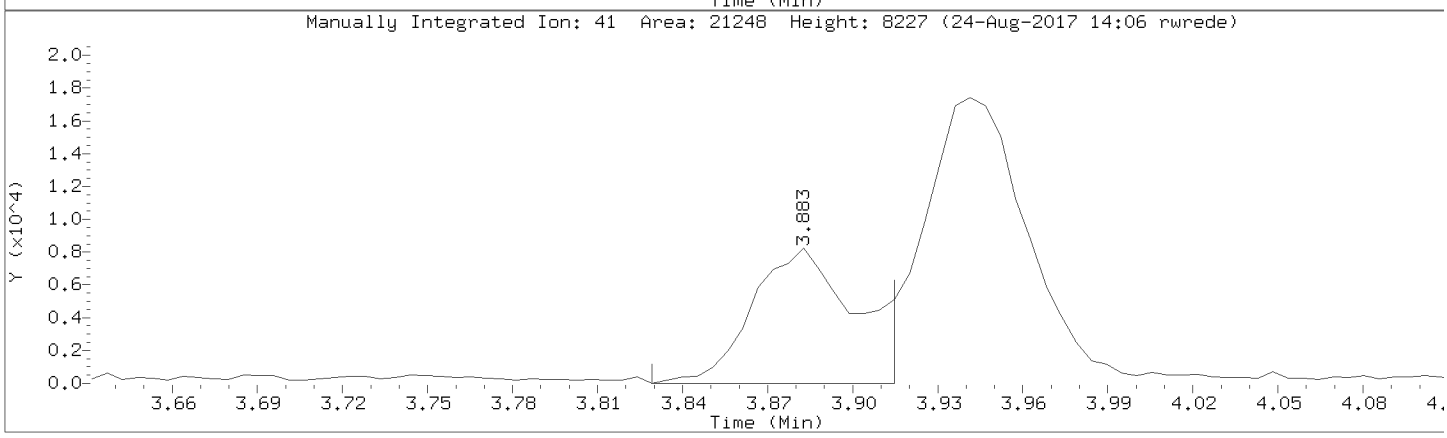
Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b05cal.d
Injection Date: 23-AUG-2017 14:57
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL5,156497:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1









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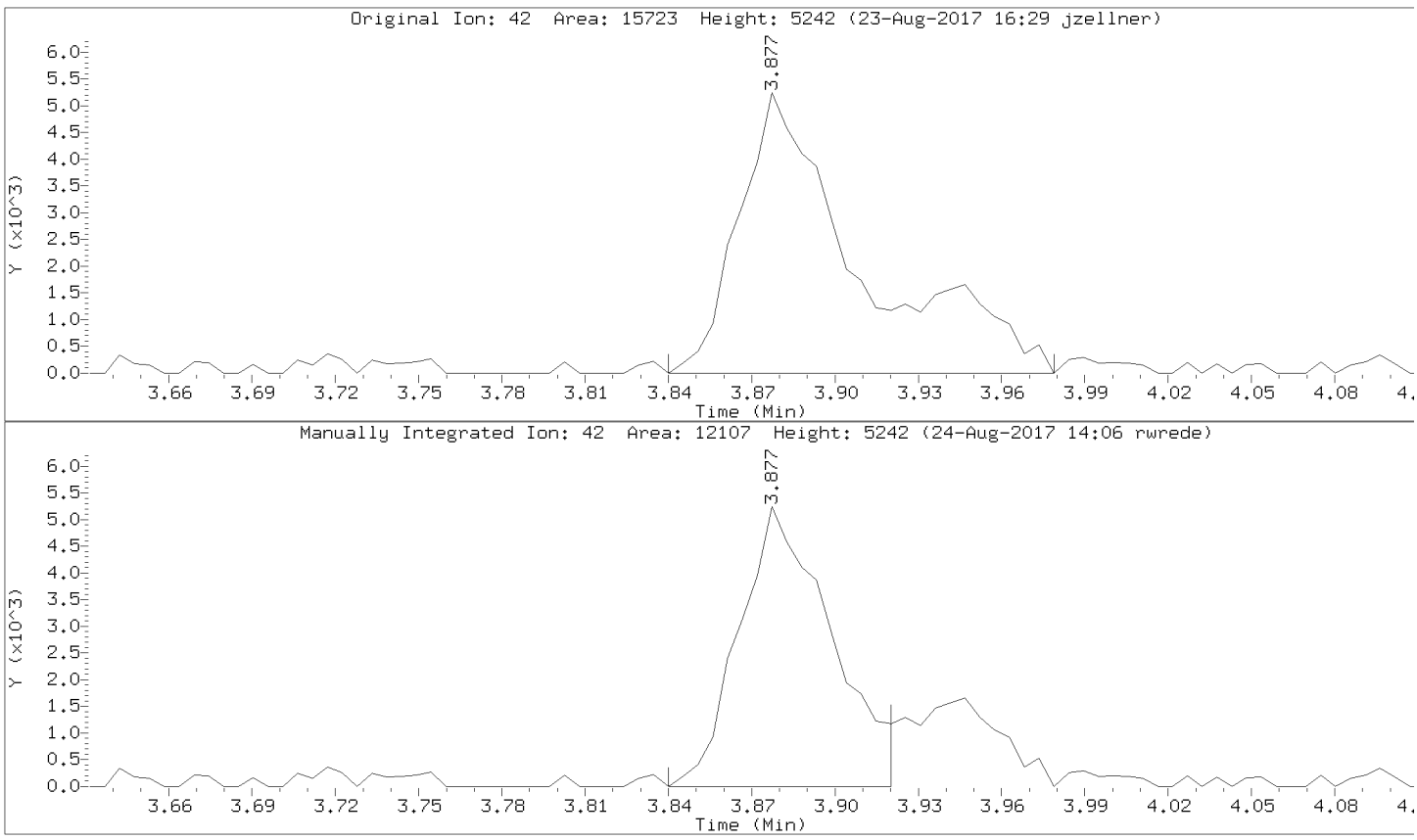
Injection Date: 23-AUG-2017 14:57
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL5,156497:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b06cal.d
Lab Smp Id: 8260-CAL6,156498:0 Client Smp ID: 8260-CAL6
Inj Date : 23-AUG-2017 15:29
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal6,156498:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 14 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.917	0.916	(0.220)	87243	50.0000	46.4	
2	Chloromethane	50	0.997	0.997	(0.239)	105440	50.0000	46.1	
3	Vinyl Chloride	62	1.045	1.045	(0.251)	110559	50.0000	47.4	
4	Bromomethane	94	1.189	1.183	(0.286)	45611	50.0000	44.9	
5	Chloroethane	64	1.237	1.232	(0.297)	61780	50.0000	42.6(M)	CO
6	Trichlorofluoromethane	101	1.349	1.349	(0.324)	120320	50.0000	46.7	
7	Diethyl ether	74	1.472	1.472	(0.354)	31813	50.0000	45.1	
8	1,2-dichlorotrifluoroethane	67	1.488	1.488	(0.357)	99971	50.0000	44.0	
9	Acrolein	56	1.542	1.541	(0.370)	108644	1000.00	885	
10	1,1,2trichlorotrifluoroethane	101	1.595	1.595	(0.383)	83768	50.0000	45.2	
11	1,1-Dichloroethene	96	1.600	1.600	(0.384)	69031	50.0000	46.7	
12	Acetone	43	1.611	1.611	(0.387)	48901	250.000	219	
13	Iodomethane	142	1.686	1.686	(0.405)	171371	100.000	103	
14	Carbon Disulfide	76	1.734	1.734	(0.416)	233994	50.0000	44.0	
15	Methyl Acetate	43	1.782	1.777	(0.428)	26683	50.0000	46.5	
16	allyl chloride	41	1.793	1.792	(0.431)	190145	100.000	82.6(M)	NI
17	Acetonitrile	39	1.793	1.792	(0.431)	146170	50.0000	42.5	
18	Methylene Chloride	84	1.867	1.868	(0.449)	66225	50.0000	47.8	
19	tert-Butyl Alcohol	59	1.910	1.910	(0.459)	8939	100.000	95.4	
20	Acrylonitrile	53	2.001	2.001	(0.481)	45665	200.000	180	
21	Methyl-tert-butyl ether	73	2.028	2.033	(0.487)	145365	50.0000	45.3	
22	1,2-Dichloroethene (trans)	96	2.044	2.043	(0.491)	73549	50.0000	45.2	
23	n-Hexane	57	2.225	2.225	(0.534)	142309	50.0000	45.3	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.332	2.332	(0.560)	374209	200.000	194	
	25 1,1-Dichloroethane	63	2.343	2.342	(0.563)	134493	50.0000	47.3	
	26 Chloroprene	53	2.402	2.401	(0.577)	132413	50.0000	47.5	
	27 2-Butanone	72	2.802	2.802	(0.673)	18005	250.000	251	
	28 1,2-Dichloroethene (cis)	96	2.818	2.818	(0.677)	76247	50.0000	44.6	
	29 2,2-Dichloropropane	77	2.824	2.823	(0.678)	124437	50.0000	47.3	
	30 Propionitrile	54	2.861	2.855	(0.687)	4975	50.0000	52.2(M)	WP
	31 Methacrylonitrile	41	3.005	3.005	(0.722)	21094	50.0000	45.0(M)	CO
	32 Bromochloromethane	49	3.048	3.048	(0.732)	47591	50.0000	47.2	
	33 Tetrahydrofuran	42	3.069	3.069	(0.737)	9813	50.0000	45.0	
	34 Chloroform	83	3.160	3.160	(0.759)	120004	50.0000	43.9	
$	35 Dibromofluoromethane (S)	113	3.331	3.336	(0.800)	58579	50.0000	48.7	
	36 1,1,1-Trichloroethane	97	3.336	3.336	(0.801)	125127	50.0000	45.4	
	37 Cyclohexane	56	3.422	3.422	(0.822)	146866	50.0000	42.4	
	151 n-Butyl chloride	56	3.480	3.480	(0.836)	165156	50.0000	46.2	
	38 Carbon Tetrachloride	117	3.518	3.518	(0.845)	110007	50.0000	46.6	
	39 1,1-Dichloropropene	75	3.523	3.523	(0.846)	111166	50.0000	46.5	
	40 Benzene	78	3.764	3.763	(0.904)	284412	50.0000	46.7	
	41 1,2-Dichloroethane	62	3.849	3.849	(0.924)	71122	50.0000	45.7	
	42 Isobutyl alcohol	43	3.876	3.881	(0.931)	284849	50.0000	43.7(M)	CO
	43 2,2,4-Trimethylpentane	57	3.945	3.945	(0.947)	323709	50.0000	45.4	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	249639	50.0000		
	45 Trichloroethene	95	4.613	4.612	(1.108)	77371	50.0000	46.0	
	46 Methylcyclohexane	55	4.880	4.885	(1.172)	123503	50.0000	45.3	
	47 1,2-Dichloropropane	63	4.917	4.917	(1.181)	67524	50.0000	47.0	
	48 Methyl methacrylate	69	5.035	5.034	(1.209)	26213	50.0000	46.1	
	49 Dibromomethane	93	5.019	5.013	(1.205)	28487	50.0000	46.5	
	50 1,4-Dioxane	88	5.024	5.024	(1.206)	7723	1000.00	963	
	51 Bromodichloromethane	83	5.243	5.243	(1.259)	84568	50.0000	46.9	
	52 2-Chloroethyl vinyl ether	63	5.596	5.595	(0.763)	35318	100.000	105	
	53 cis-1,3-Dichloropropene	75	5.740	5.739	(0.782)	100544	50.0000	48.5	
	54 4-Methyl-2-Pentanone	43	5.911	5.910	(0.806)	157451	250.000	224	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	244149	50.0000	50.6	
	56 Toluene	91	6.087	6.087	(0.830)	310406	50.0000	45.0	
	57 trans-1,3-Dichloropropene	75	6.370	6.370	(0.868)	81616	50.0000	49.6	
	58 Ethyl Methacrylate	69	6.455	6.455	(0.880)	57536	50.0000	46.6	
	59 1,1,2-Trichloroethane	83	6.557	6.557	(0.894)	36367	50.0000	45.3	
	60 Tetrachloroethene	166	6.610	6.610	(0.901)	86994	50.0000	48.5	
	61 1,3-Dichloropropane	76	6.696	6.695	(0.913)	74801	50.0000	49.0	
	62 2-Hexanone	43	6.765	6.765	(0.922)	108190	250.000	238	
	63 Dibromochloromethane	129	6.883	6.882	(0.938)	53948	50.0000	48.3	
	64 1,2-Dibromoethane	107	6.968	6.968	(0.950)	40715	50.0000	47.4	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	182701	50.0000		
	66 Chlorobenzene	112	7.358	7.358	(1.003)	191973	50.0000	46.9	
	67 1,1,1,2-Tetrachloroethane	131	7.433	7.438	(1.013)	67009	50.0000	48.2	
	68 Ethylbenzene	106	7.444	7.443	(1.015)	122358	50.0000	43.8	
	69 m&p-Xylene	106	7.540	7.545	(1.028)	299061	100.000	88.5	
	70 o-Xylene	106	7.801	7.801	(1.063)	142613	50.0000	46.2	
	71 Styrene	104	7.817	7.817	(1.065)	233067	50.0000	44.5	
	72 Bromoform	173	7.935	7.935	(0.898)	29202	50.0000	45.7	
	73 Isopropylbenzene	105	8.047	8.047	(1.097)	411296	50.0000	47.0	
$	74 4-Bromofluorobenzene (S)	95	8.159	8.159	(1.112)	90990	50.0000	50.2	
	75 Bromobenzene	77	8.234	8.239	(1.122)	124863	50.0000	47.0	
	76 1,1,2,2-Tetrachloroethane	83	8.250	8.250	(0.934)	46476	50.0000	43.5	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.266	8.271	(1.127)	12411	50.0000	48.2	
78	1,2,3-Trichloropropane	110	8.277	8.276	(0.937)	13908	50.0000	44.5	
79	n-Propylbenzene	91	8.303	8.308	(0.940)	473338	50.0000	45.8	
80	2-Chlorotoluene	91	8.352	8.357	(0.946)	263670	50.0000	45.1	
81	1,3,5-Trimethylbenzene	105	8.416	8.415	(0.953)	325767	50.0000	45.1	
82	4-Chlorotoluene	126	8.426	8.431	(0.954)	86199	50.0000	45.7	
83	tert-Butylbenzene	119	8.597	8.597	(0.973)	385699	50.0000	46.0	
84	1,2,4-Trimethylbenzene	105	8.629	8.629	(0.977)	324678	50.0000	44.2	
85	sec-Butylbenzene	105	8.720	8.725	(0.987)	480897	50.0000	46.6	
86	1,3-Dichlorobenzene	146	8.790	8.789	(0.995)	165290	50.0000	46.7	
87	p-Isopropyltoluene	119	8.806	8.811	(0.997)	388859	50.0000	46.5	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.837	(1.000)	94480	50.0000		
89	1,4-Dichlorobenzene	146	8.848	8.848	(1.002)	159432	50.0000	44.2	
90	n-Butylbenzene	91	9.025	9.024	(1.022)	353924	50.0000	45.5	
91	1,2-Dichlorobenzene	146	9.041	9.040	(1.024)	142262	50.0000	47.3	
92	1,2-Dibromo-3-chloropropane	155	9.452	9.451	(1.070)	7834	50.0000	47.2	
93	1,2,4-Trichlorobenzene	180	9.858	9.857	(1.116)	104357	50.0000	46.1	
94	Hexachlorobutadiene	225	9.922	9.921	(1.123)	80329	50.0000	47.4	
95	Naphthalene	128	10.002	9.996	(1.132)	176487	50.0000	45.7	
96	1,2,3-Trichlorobenzene	180	10.114	10.114	(1.145)	86156	50.0000	45.6	
97	2,methyl-naphthalene	142	10.632	10.626	(1.204)	104615	50.0000	47.5	
98	1-Methylnaphthalene	142	10.744	10.744	(1.216)	80749	50.0000	47.3	
99	Isopropyl Acetate	61	3.876	3.881	(0.931)	64556	250.000	248	
100	Ethyl Acetate	88	2.845	2.845	(0.683)	11926	500.000	501	
101	n-amyl Acetate	70	7.946	7.945	(1.908)	124849	50.0000	43.9	

QC Flag Legend

M - Compound response manually integrated.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
NI: Indicates that the peak was not integrated at all by the computer software.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b06cal.d
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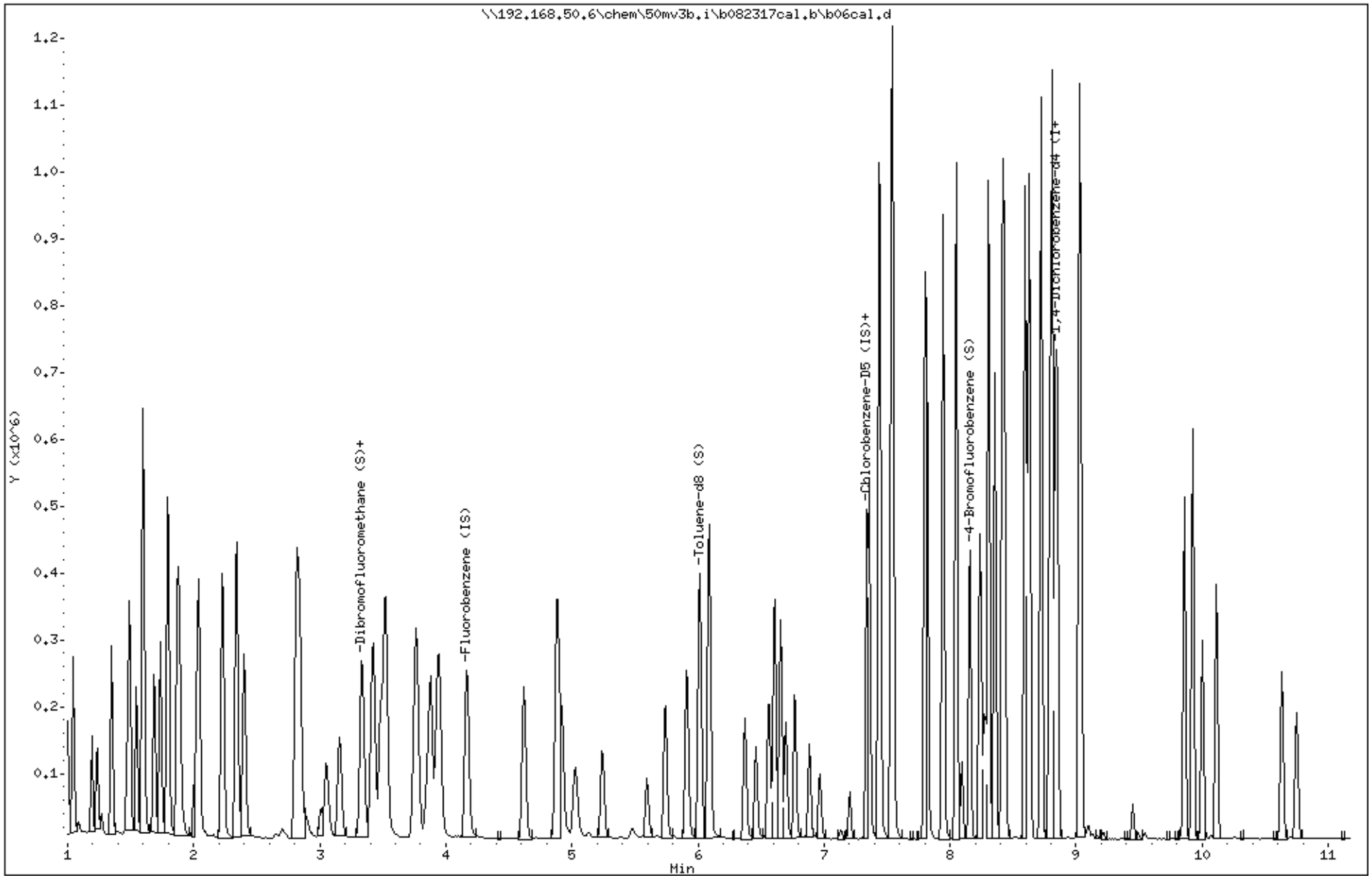
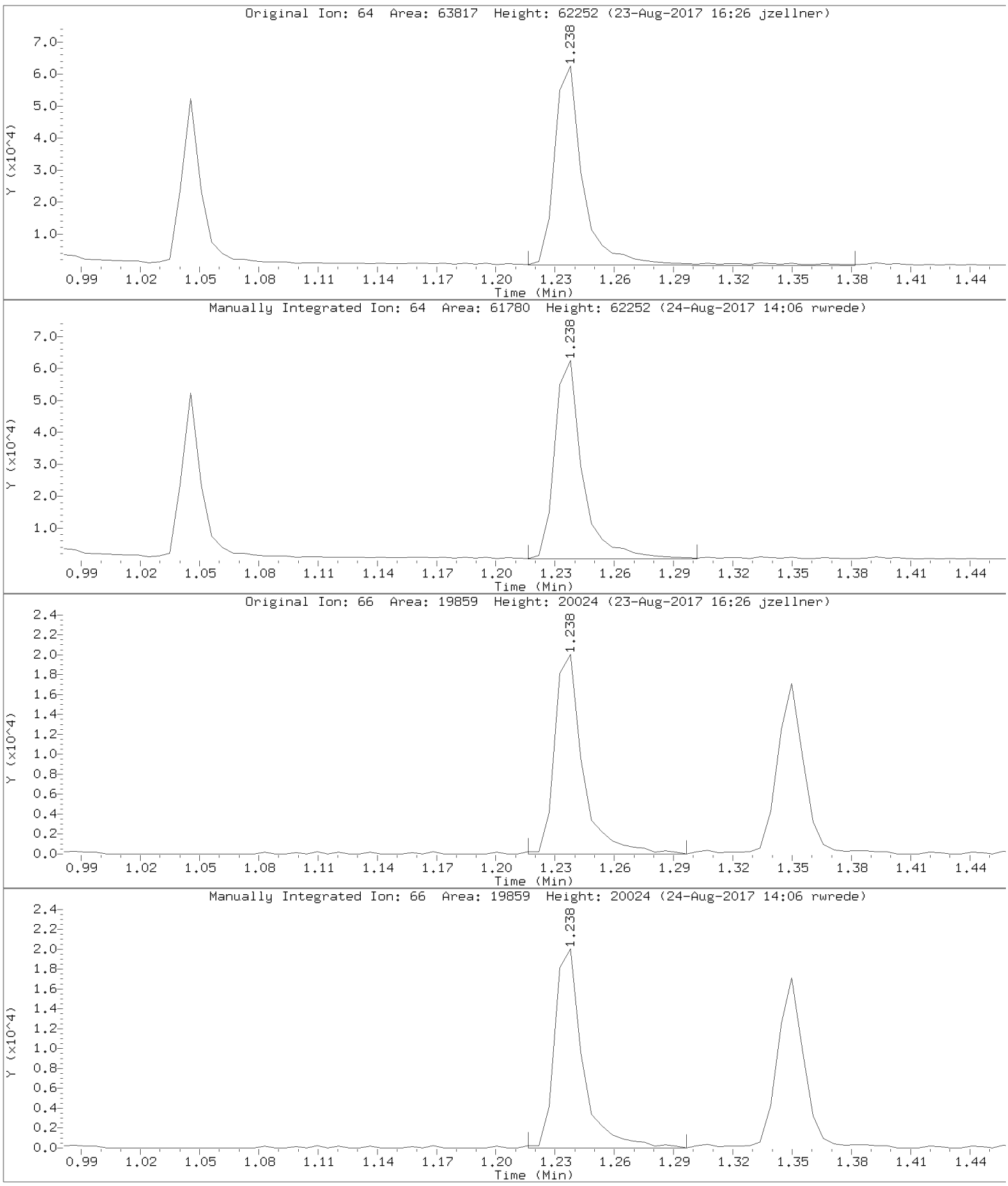
Client ID: 8260-CAL6
Instrument: 50mv3b.i
Sample Info: 8260-CAL6,156498:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b06cal.d
Injection Date: 23-AUG-2017 15:29
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: Chloroethane Review Code: CO
CAS Number: 75-00-3



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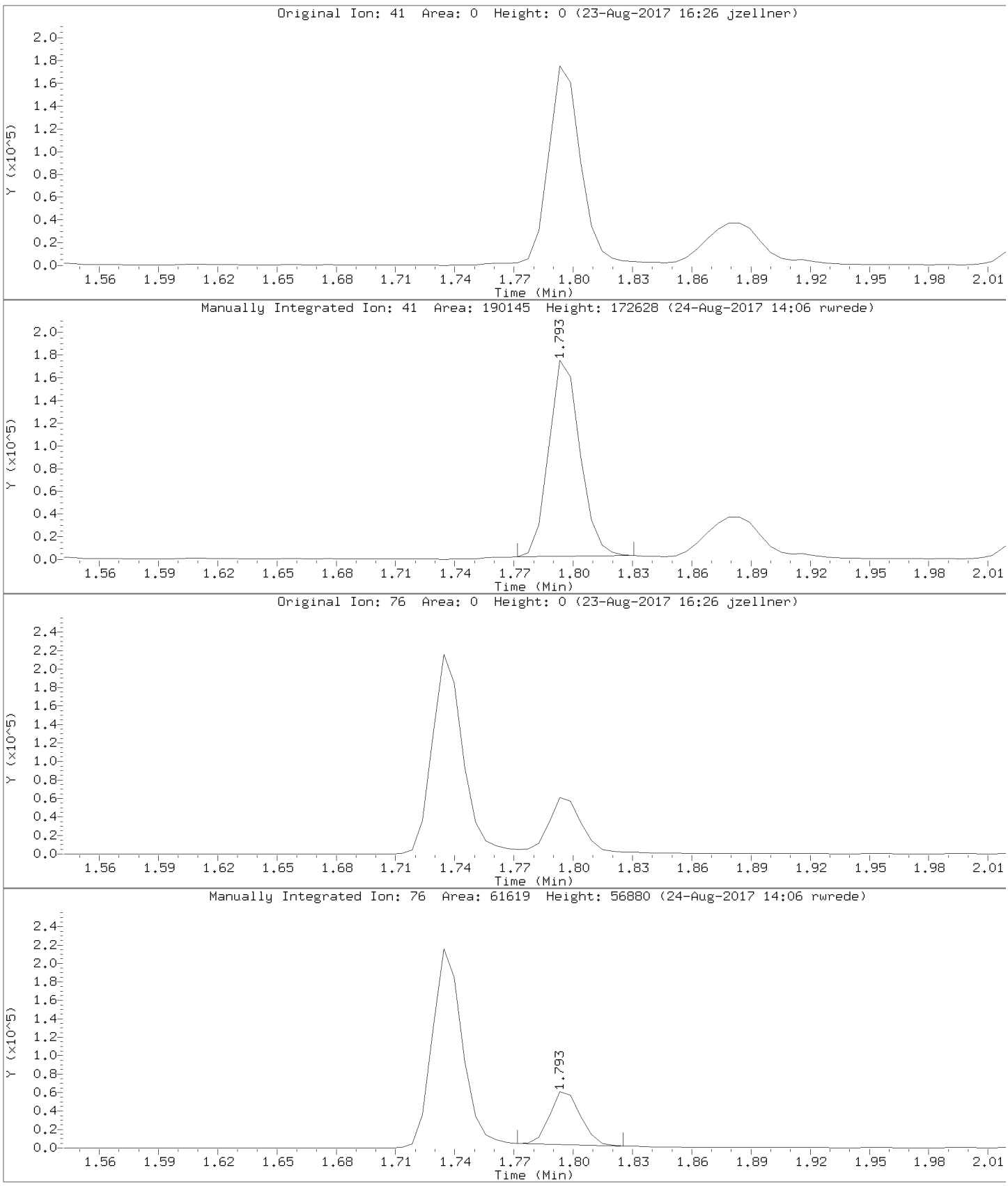
Injection Date: 23-AUG-2017 15:29
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: allyl chloride Review Code: NI
CAS Number: 107-05-1



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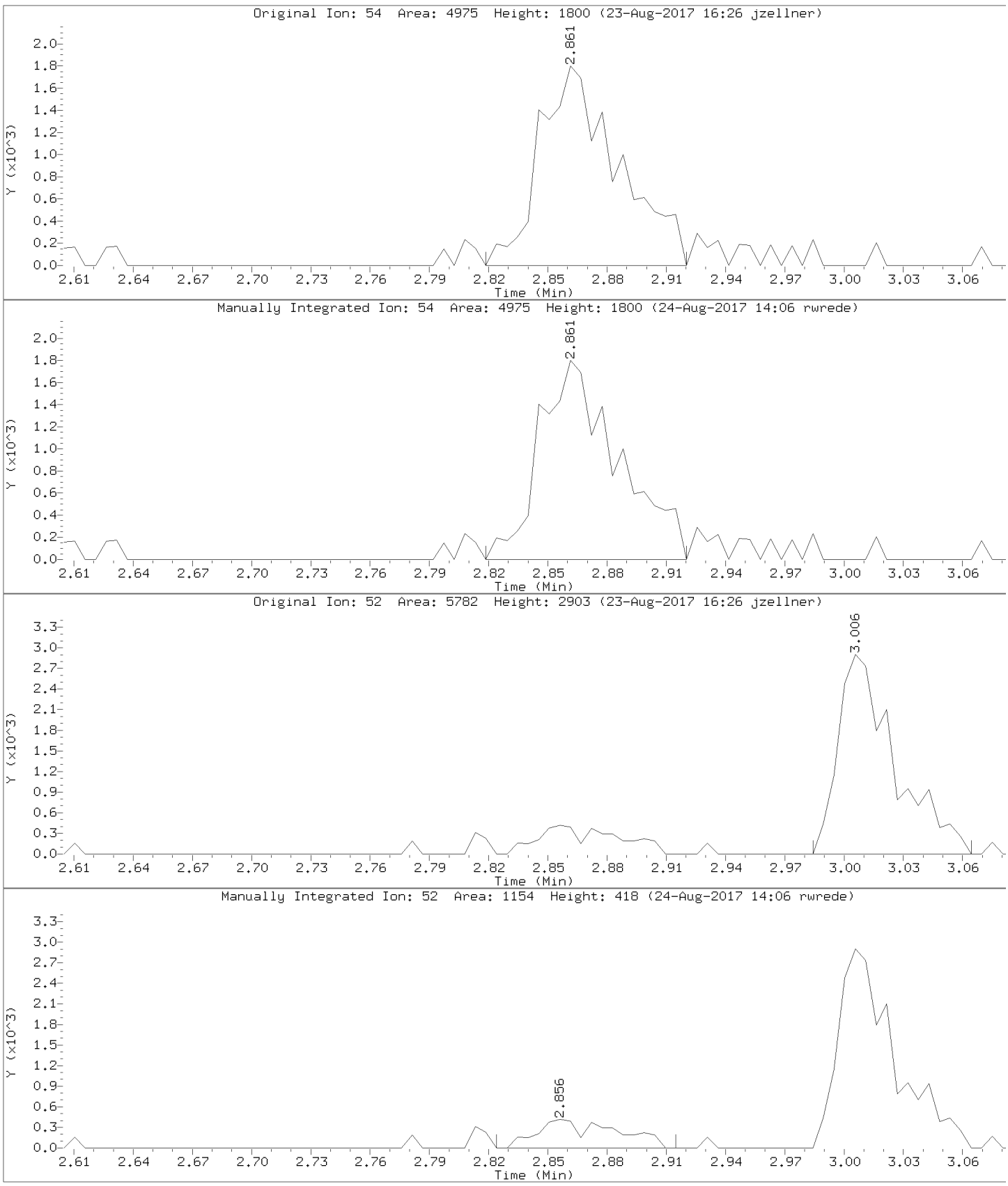
Injection Date: 23-AUG-2017 15:29
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: Propionitrile Review Code: WP
CAS Number: 107-12-0



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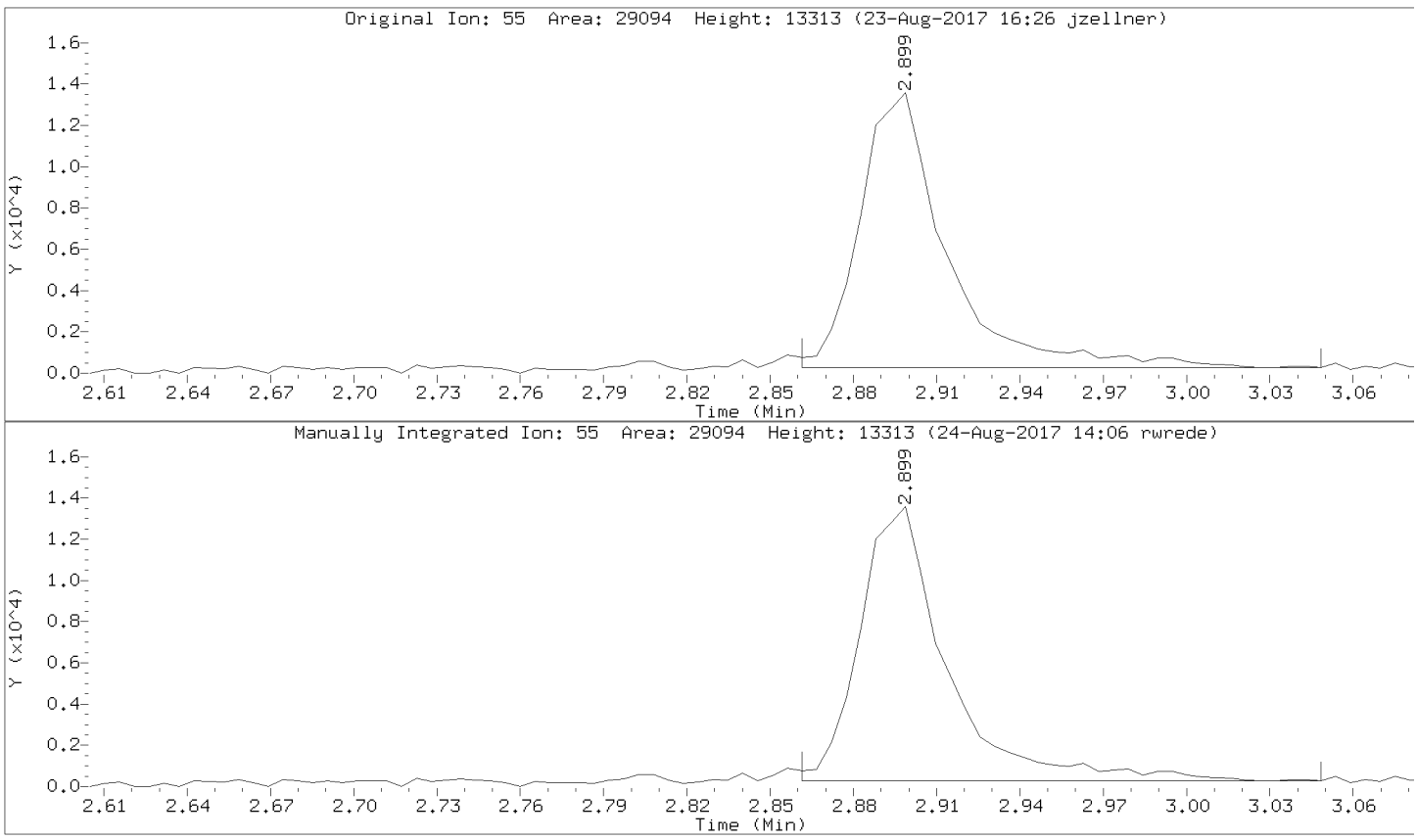
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0



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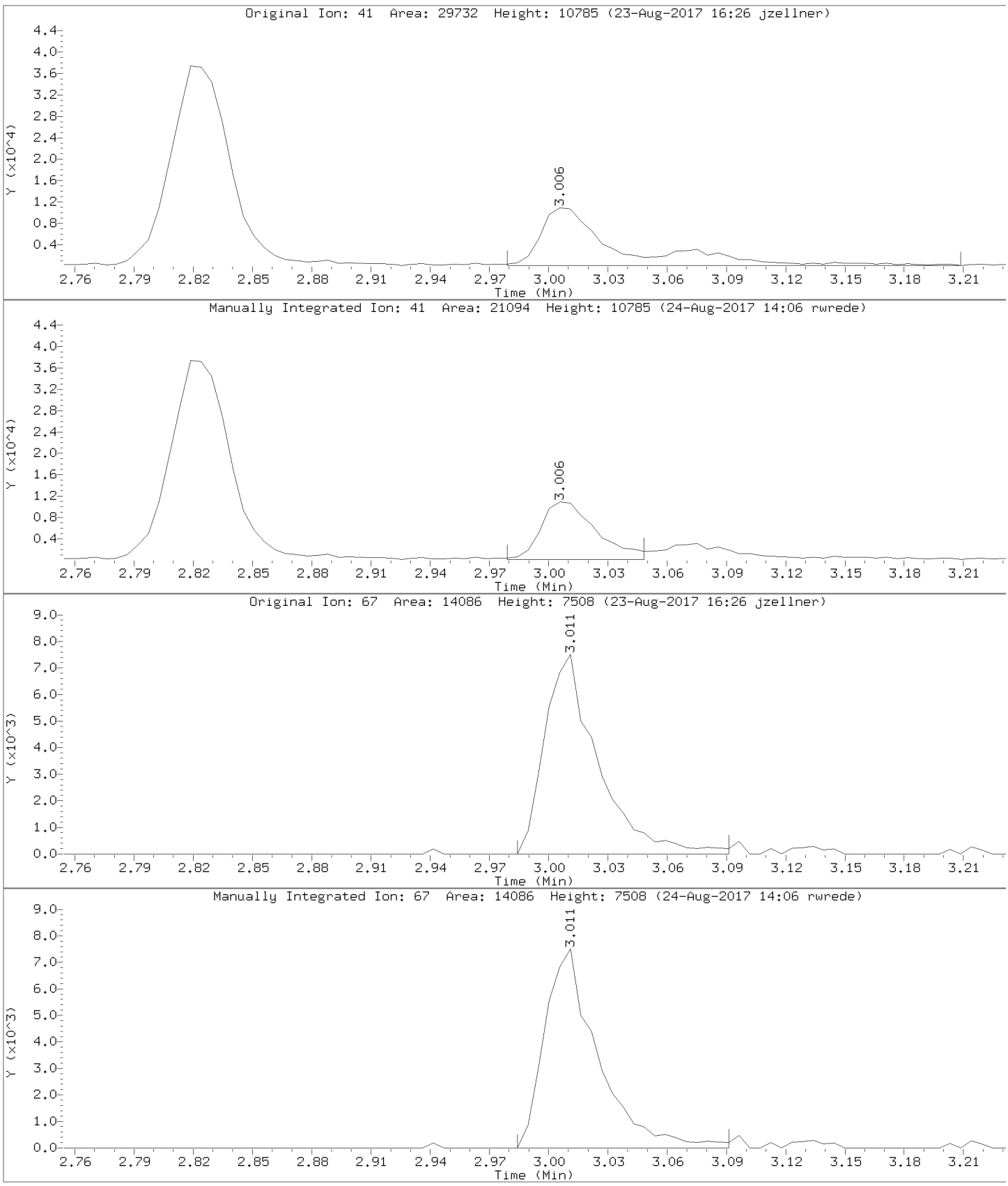
Injection Date: 23-AUG-2017 15:29
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: Methacrylonitrile Review Code: CO
CAS Number: 126-98-7



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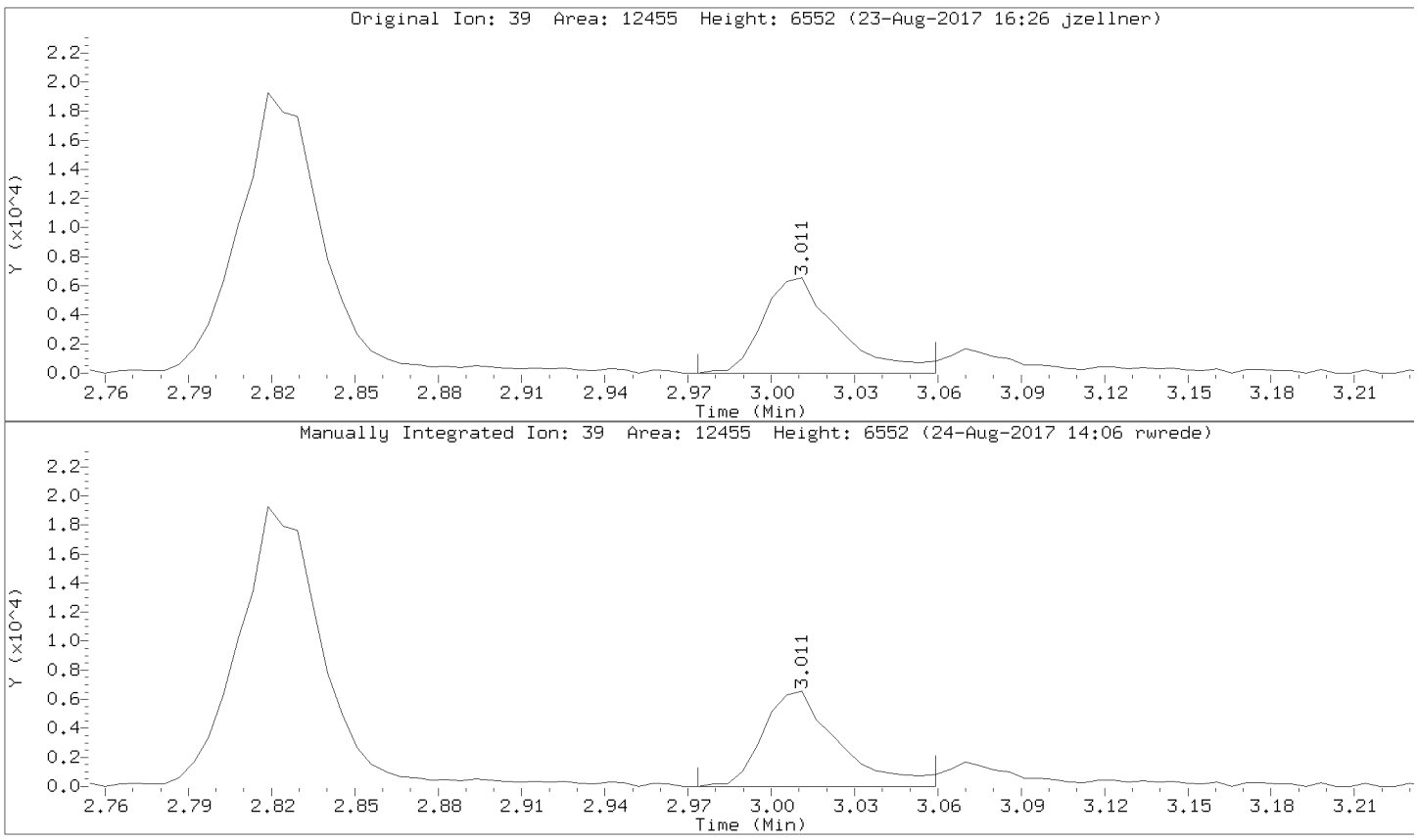
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0



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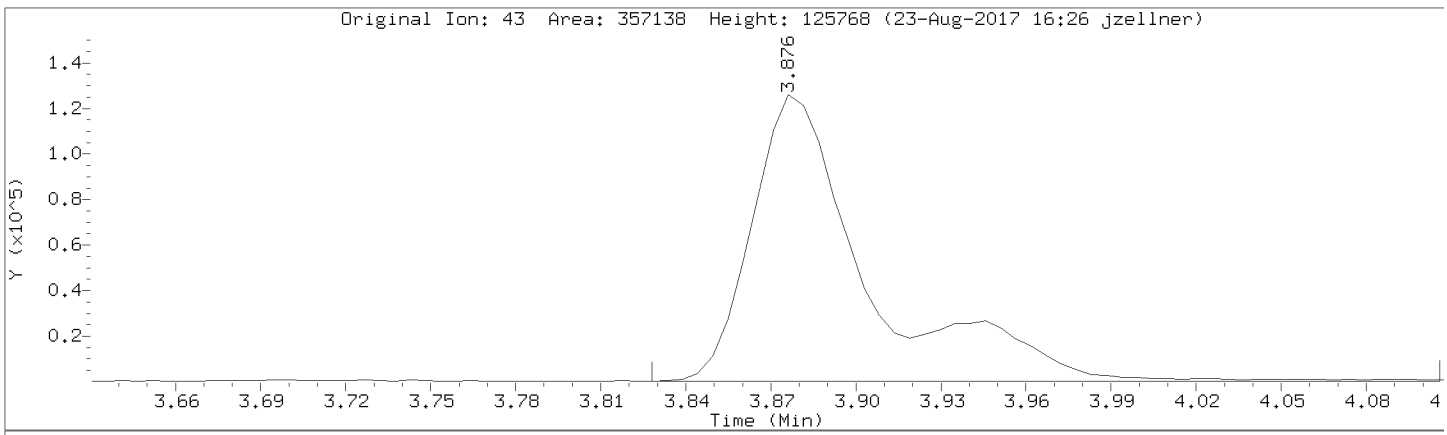
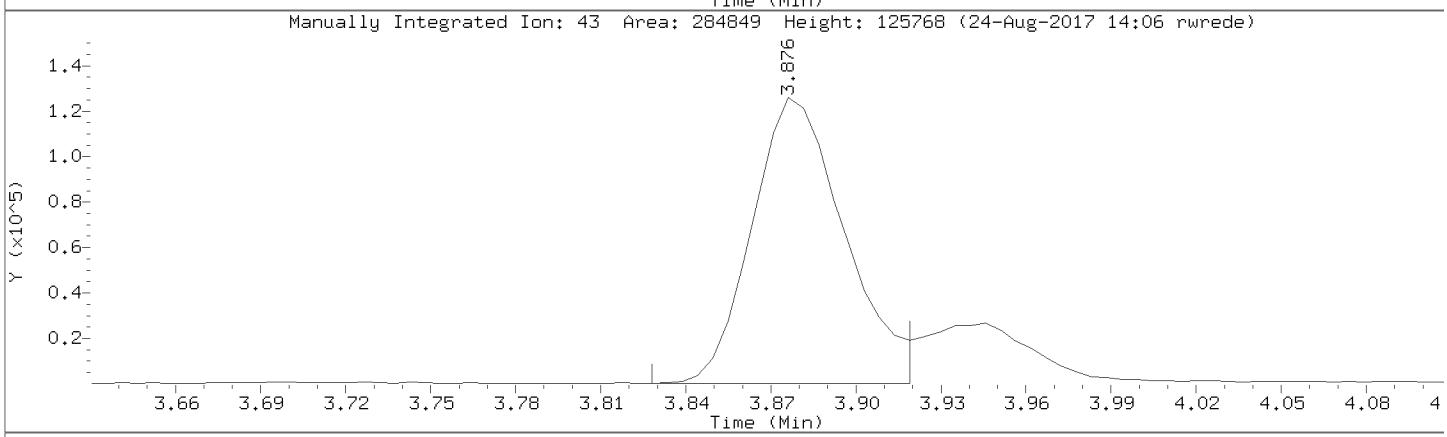
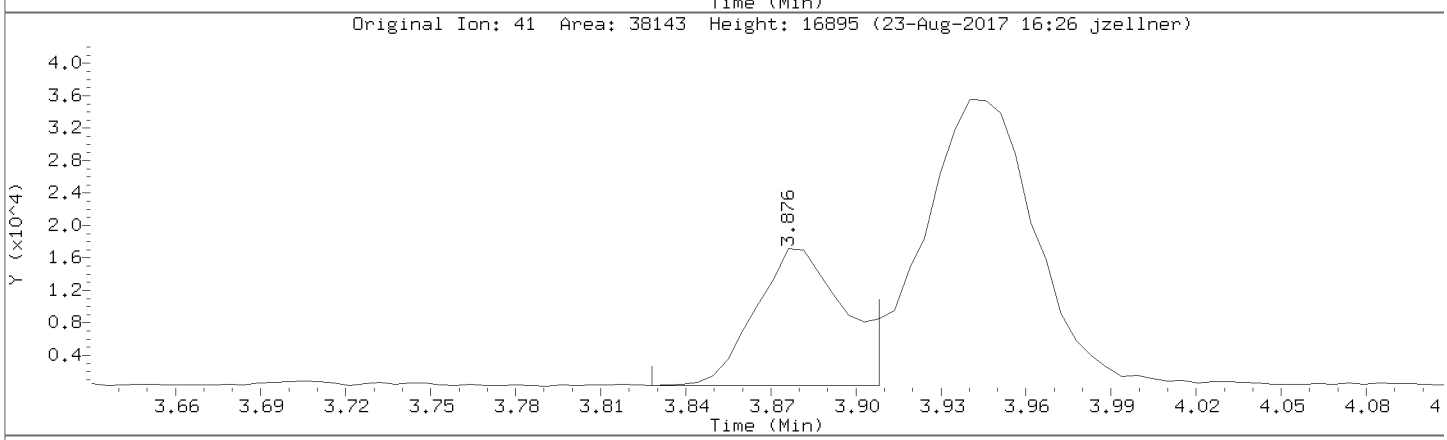
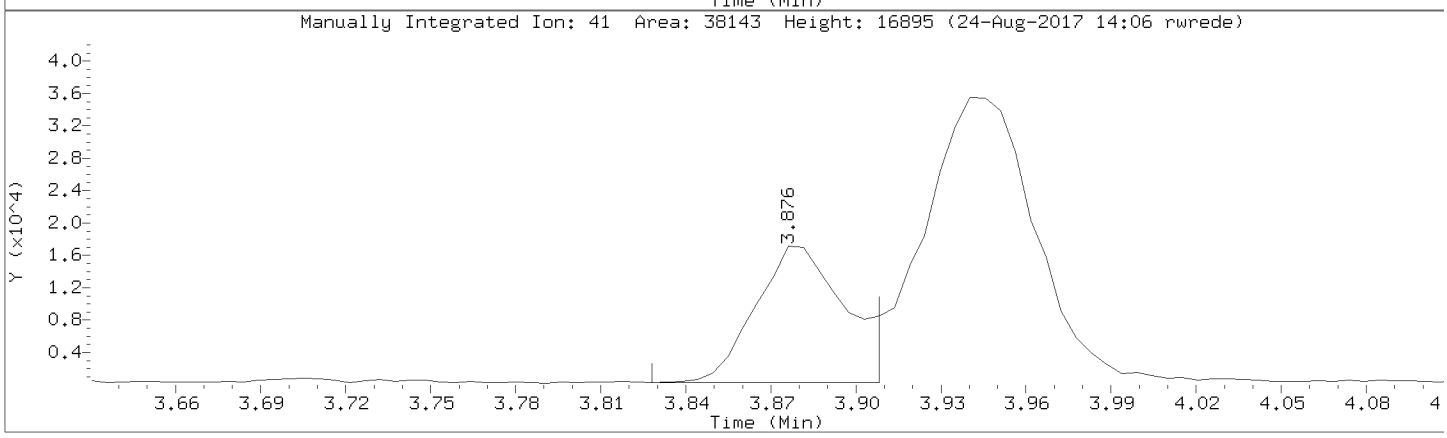
Injection Date: 23-AUG-2017 15:29
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL6,156498:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1









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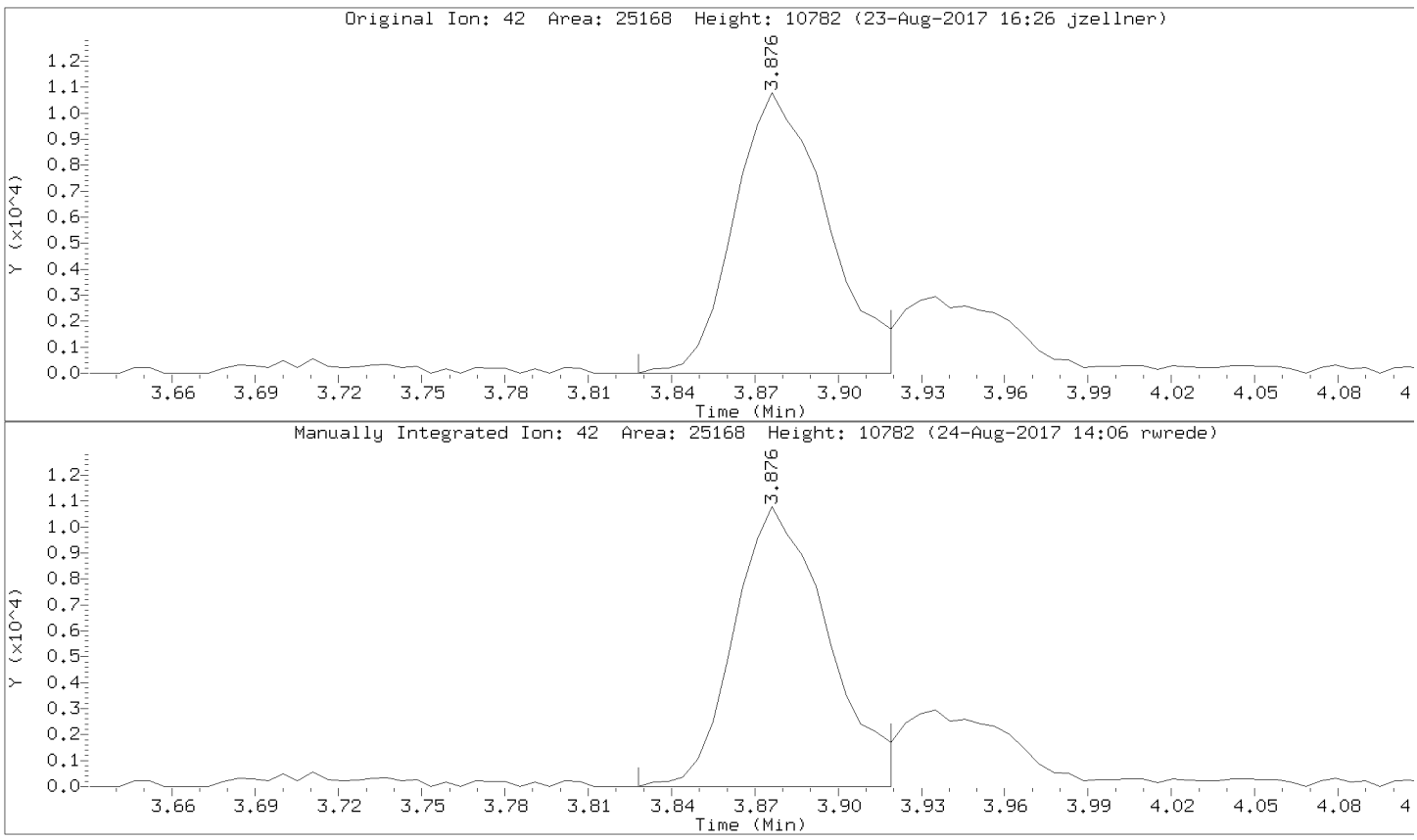
Lab Sample ID: 8260-CAL6,156498:0



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Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b07cal.d
Lab Smp Id: 8260-CAL7,156499:0 Client Smp ID: 8260-CAL7
Inj Date : 23-AUG-2017 16:01
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal7,156499:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 16:01 Cal File: b07cal.d
Als bottle: 16 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.913	0.916	(0.220)	254144	150.000	141	
2	Chloromethane	50	0.999	0.997	(0.240)	292738	150.000	134	
3	Vinyl Chloride	62	1.042	1.045	(0.250)	316475	150.000	142	
4	Bromomethane	94	1.186	1.183	(0.285)	152553	150.000	157	
5	Chloroethane	64	1.234	1.232	(0.297)	181363	150.000	130(M)	CO
6	Trichlorofluoromethane	101	1.346	1.349	(0.324)	347849	150.000	141	
7	Diethyl ether	74	1.474	1.472	(0.354)	96137	150.000	142	
8	1,2-dichlorotrifluoroethane	67	1.490	1.488	(0.358)	294283	150.000	135	
9	Acrolein	56	1.544	1.541	(0.371)	320491	3000.00	2720	
10	1,1,2trichlorotrifluoroethane	101	1.597	1.595	(0.384)	249931	150.000	141	
11	1,1-Dichloroethene	96	1.597	1.600	(0.384)	208047	150.000	147	
12	Acetone	43	1.608	1.611	(0.386)	139434	750.000	652	
13	Iodomethane	142	1.688	1.686	(0.406)	528556	300.000	331	
14	Carbon Disulfide	76	1.736	1.734	(0.417)	716362	150.000	141	
15	Methyl Acetate	43	1.779	1.777	(0.428)	81998	150.000	142	
16	allyl chloride	41	1.795	1.792	(0.431)	614639	300.000	279	
17	Acetonitrile	39	1.795	1.792	(0.431)	438321	150.000	133	
18	Methylene Chloride	84	1.870	1.868	(0.449)	194117	150.000	157	
19	tert-Butyl Alcohol	59	1.907	1.910	(0.458)	26243	300.000	317(Q)	
20	Acrylonitrile	53	2.003	2.001	(0.481)	142238	600.000	585(H)	WP
21	Methyl-tert-butyl ether	73	2.030	2.033	(0.488)	451837	150.000	147	
22	1,2-Dichloroethene (trans)	96	2.040	2.043	(0.490)	222949	150.000	143	
23	n-Hexane	57	2.222	2.225	(0.534)	434322	150.000	144	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.334	2.332	(0.561)	1161365	600.000	628	
	25 1,1-Dichloroethane	63	2.345	2.342	(0.564)	408061	150.000	150	
	26 Chloroprene	53	2.398	2.401	(0.576)	403446	150.000	151	
	27 2-Butanone	72	2.799	2.802	(0.673)	55850	750.000	812	
	28 1,2-Dichloroethene (cis)	96	2.815	2.818	(0.677)	235250	150.000	144	
	29 2,2-Dichloropropane	77	2.820	2.823	(0.678)	366790	150.000	145	
	30 Propionitrile	54	2.858	2.855	(0.687)	12916	150.000	136(Q)	
	31 Methacrylonitrile	41	3.002	3.005	(0.721)	67598	150.000	158	
	32 Bromochloromethane	49	3.050	3.048	(0.733)	143943	150.000	149	
	33 Tetrahydrofuran	42	3.071	3.069	(0.738)	31592	150.000	161	
	34 Chloroform	83	3.157	3.160	(0.759)	366159	150.000	140	
$	35 Dibromofluoromethane (S)	113	3.333	3.336	(0.801)	55222	50.0000	48.0	
	36 1,1,1-Trichloroethane	97	3.333	3.336	(0.801)	372210	150.000	141	
	37 Cyclohexane	56	3.418	3.422	(0.822)	440041	150.000	132	
	151 n-Butyl chloride	56	3.483	3.480	(0.837)	513528	150.000	150	
	38 Carbon Tetrachloride	117	3.515	3.518	(0.845)	328276	150.000	145	
	39 1,1-Dichloropropene	75	3.525	3.523	(0.847)	339326	150.000	148	
	40 Benzene	78	3.760	3.763	(0.904)	880143	150.000	151	
	41 1,2-Dichloroethane	62	3.846	3.849	(0.924)	212418	150.000	142	
	42 Isobutyl alcohol	43	3.878	3.881	(0.932)	899113	150.000	144(M)	CO
	43 2,2,4-Trimethylpentane	57	3.942	3.945	(0.947)	1001685	150.000	146	
*	44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	239087	50.0000		
	45 Trichloroethene	95	4.615	4.612	(1.109)	234812	150.000	146	
	46 Methylcyclohexane	55	4.882	4.885	(1.173)	369029	150.000	141	
	47 1,2-Dichloropropane	63	4.914	4.917	(1.181)	207157	150.000	150	
	48 Methyl methacrylate	69	5.037	5.034	(1.210)	81431	150.000	150	
	49 Dibromomethane	93	5.015	5.013	(1.205)	87100	150.000	148	
	50 1,4-Dioxane	88	5.021	5.024	(1.207)	23638	3000.00	3080	
	51 Bromodichloromethane	83	5.240	5.243	(1.259)	258655	150.000	150	
	52 2-Chloroethyl vinyl ether	63	5.592	5.595	(0.762)	115632	300.000	356	
	53 cis-1,3-Dichloropropene	75	5.736	5.739	(0.782)	312543	150.000	156	
	54 4-Methyl-2-Pentanone	43	5.913	5.910	(0.806)	491689	750.000	726	
$	55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	233248	50.0000	50.1	
	56 Toluene	91	6.084	6.087	(0.829)	949261	150.000	142	
	57 trans-1,3-Dichloropropene	75	6.372	6.370	(0.868)	256112	150.000	161	
	58 Ethyl Methacrylate	69	6.457	6.455	(0.880)	174940	150.000	147	
	59 1,1,2-Trichloroethane	83	6.554	6.557	(0.893)	104013	150.000	134	
	60 Tetrachloroethene	166	6.607	6.610	(0.900)	265347	150.000	153	
	61 1,3-Dichloropropane	76	6.698	6.695	(0.913)	227331	150.000	154	
	62 2-Hexanone	43	6.767	6.765	(0.922)	330630	750.000	753	
	63 Dibromochloromethane	129	6.879	6.882	(0.937)	167552	150.000	155	
	64 1,2-Dibromoethane	107	6.965	6.968	(0.949)	125195	150.000	151	
*	65 Chlorobenzene-D5 (IS)	117	7.339	7.336	(1.000)	176475	50.0000		
	66 Chlorobenzene	112	7.360	7.358	(1.003)	584534	150.000	148	
	67 1,1,1,2-Tetrachloroethane	131	7.435	7.438	(1.013)	207178	150.000	154	
	68 Ethylbenzene	106	7.440	7.443	(1.014)	365694	150.000	135	
	69 m&p-Xylene	106	7.542	7.545	(1.028)	889942	300.000	273	
	70 o-Xylene	106	7.803	7.801	(1.063)	429174	150.000	144	
	71 Styrene	104	7.819	7.817	(1.065)	709307	150.000	140	
	72 Bromoform	173	7.937	7.935	(0.898)	93956	150.000	155	
	73 Isopropylbenzene	105	8.049	8.047	(1.097)	1240890	150.000	147	
$	74 4-Bromofluorobenzene (S)	95	8.156	8.159	(1.111)	87964	50.0000	50.2	
	75 Bromobenzene	77	8.236	8.239	(1.122)	372513	150.000	145	
	76 1,1,2,2-Tetrachloroethane	83	8.247	8.250	(0.933)	146287	150.000	145	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.268	8.271	(1.127)	36108	150.000	145(H)	WP
78	1,2,3-Trichloropropane	110	8.279	8.276	(0.937)	43316	150.000	146(Q)	
79	n-Propylbenzene	91	8.306	8.308	(0.940)	1446532	150.000	148	
80	2-Chlorotoluene	91	8.354	8.357	(0.946)	785926	150.000	142	
81	1,3,5-Trimethylbenzene	105	8.412	8.415	(0.952)	995440	150.000	146	
82	4-Chlorotoluene	126	8.428	8.431	(0.954)	257803	150.000	144	
83	tert-Butylbenzene	119	8.594	8.597	(0.973)	1170696	150.000	148	
84	1,2,4-Trimethylbenzene	105	8.631	8.629	(0.977)	978890	150.000	141	
85	sec-Butylbenzene	105	8.722	8.725	(0.987)	1417919	150.000	145	
86	1,3-Dichlorobenzene	146	8.792	8.789	(0.995)	487181	150.000	146	
87	p-Isopropyltoluene	119	8.808	8.811	(0.997)	1158043	150.000	146	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.837	(1.000)	89409	50.0000	(Q)	
89	1,4-Dichlorobenzene	146	8.850	8.848	(1.002)	477021	150.000	140	
90	n-Butylbenzene	91	9.027	9.024	(1.022)	1053364	150.000	143	
91	1,2-Dichlorobenzene	146	9.037	9.040	(1.023)	416368	150.000	146	
92	1,2-Dibromo-3-chloropropane	155	9.448	9.451	(1.070)	23607	150.000	150	
93	1,2,4-Trichlorobenzene	180	9.860	9.857	(1.116)	299197	150.000	140	
94	Hexachlorobutadiene	225	9.924	9.921	(1.123)	228263	150.000	142	
95	Naphthalene	128	9.999	9.996	(1.132)	517947	150.000	142	
96	1,2,3-Trichlorobenzene	180	10.111	10.114	(1.144)	258391	150.000	144	
97	2,methyl-naphthalene	142	10.629	10.626	(1.203)	311739	150.000	150	
98	1-Methylnaphthalene	142	10.746	10.744	(1.216)	237528	150.000	147	
99	Isopropyl Acetate	61	3.878	3.881	(0.932)	196097	750.000	786	
100	Ethyl Acetate	88	2.842	2.845	(0.683)	37320	1500.00	1640	
101	n-amyl Acetate	70	7.948	7.945	(1.910)	379650	150.000	139	

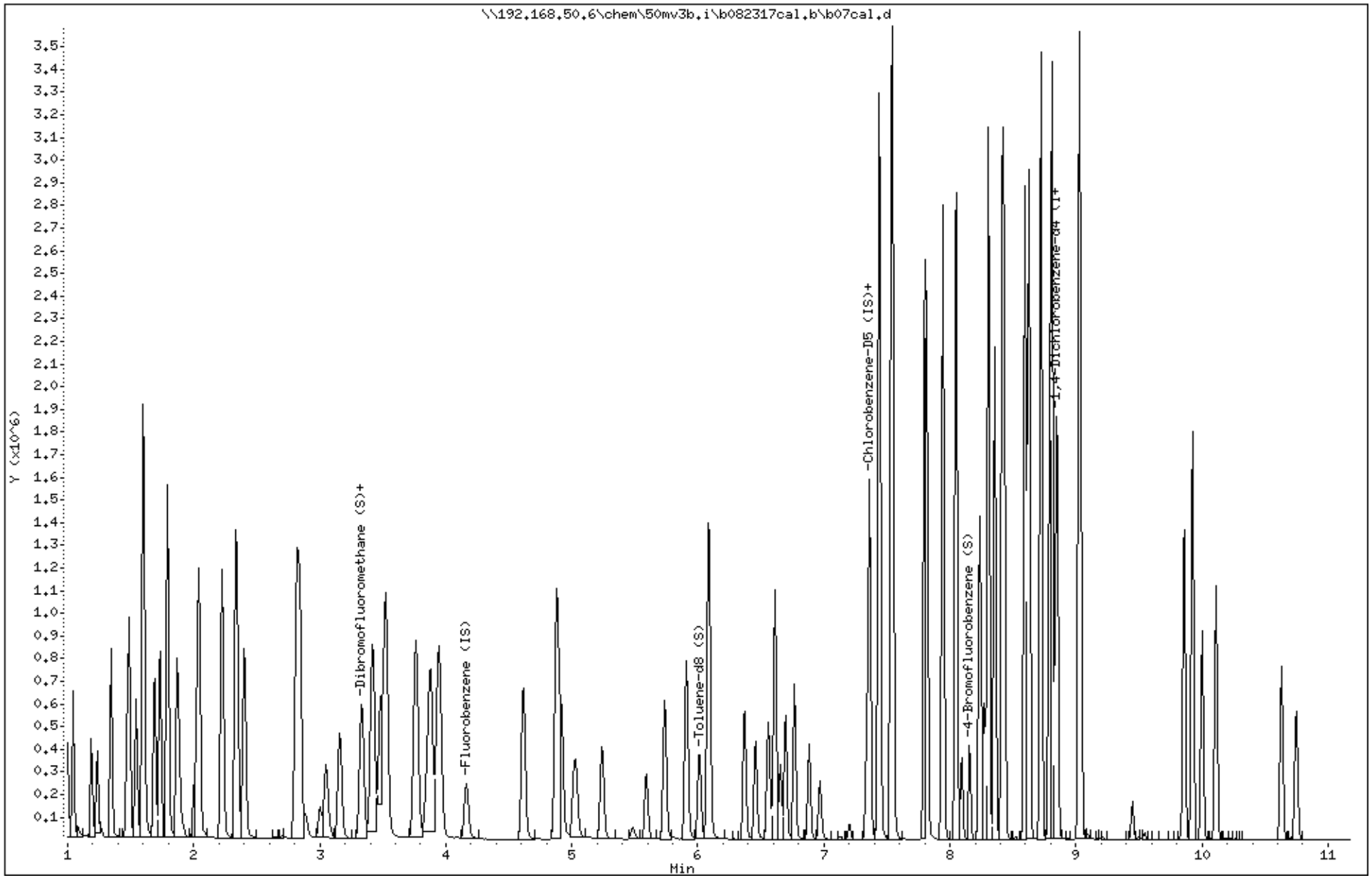
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

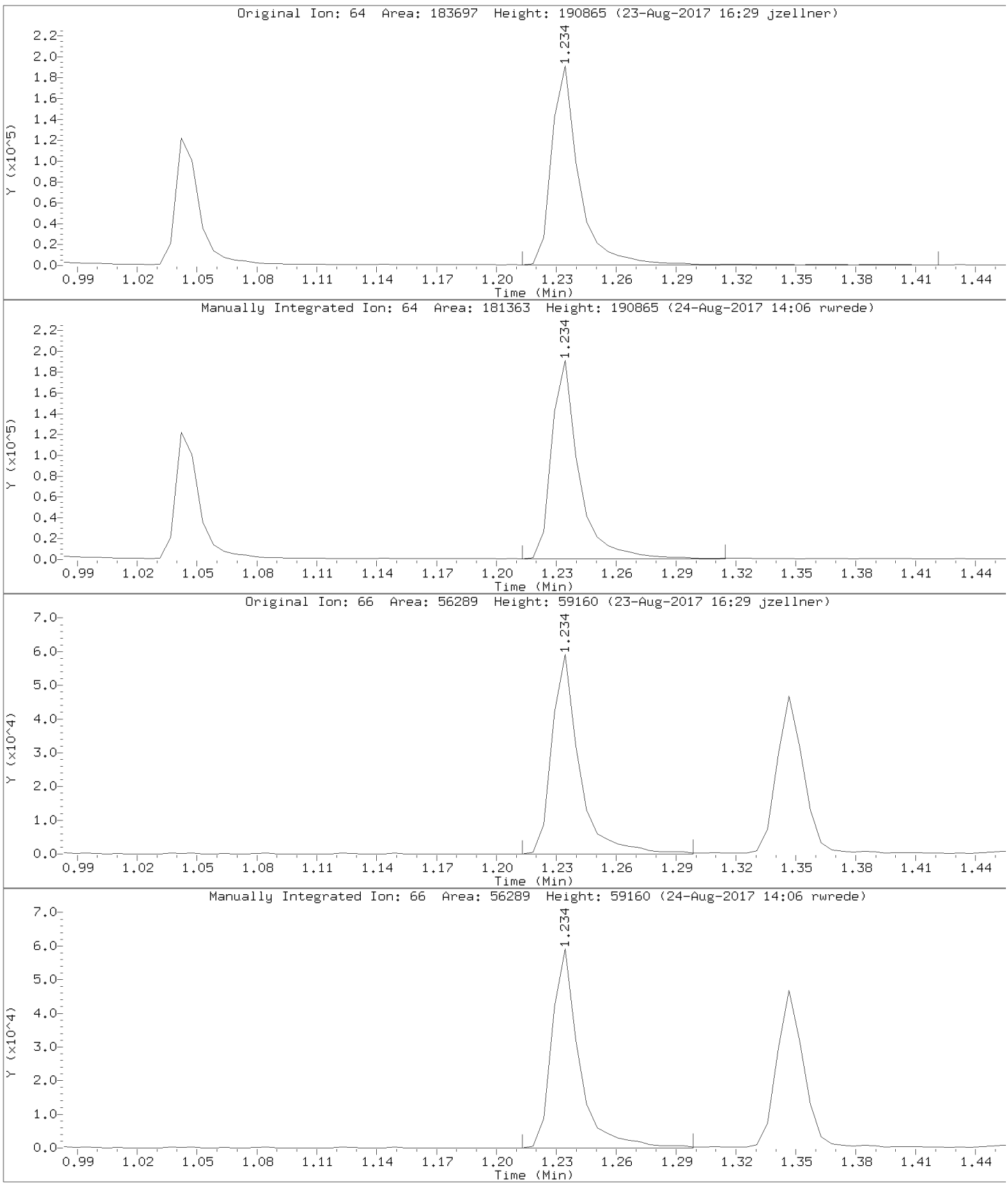
:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b07cal.d
Date : 23-AUG-2017 16:01
Client ID: 8260-CAL7
Instrument: 50mv3b.i
Sample Info: 8260-CAL7,156499:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b07cal.d
Injection Date: 23-AUG-2017 16:01
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL7,156499:0

Compound: Chloroethane Review Code: CO
CAS Number: 75-00-3



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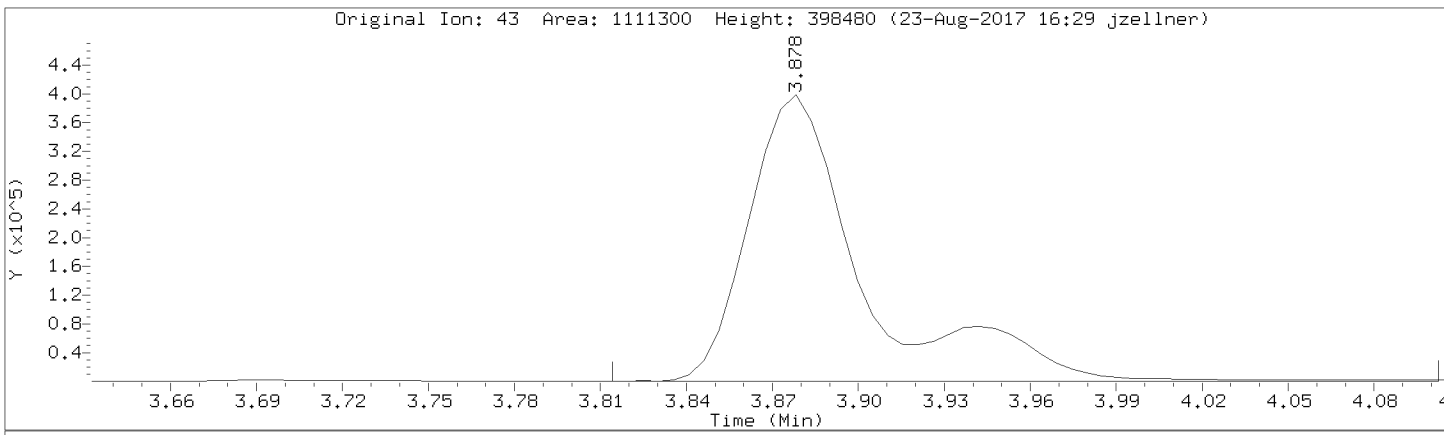
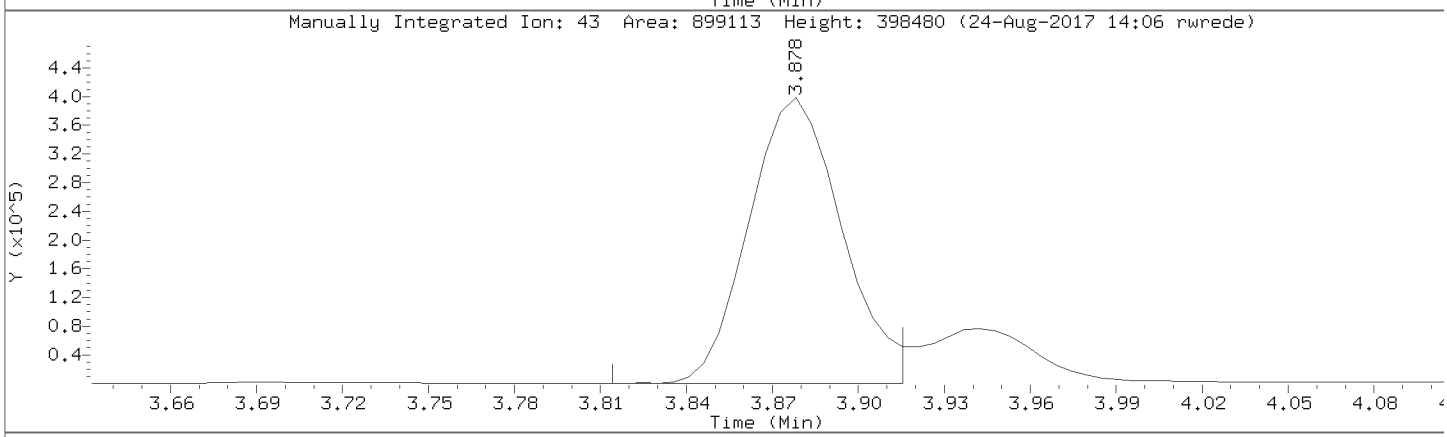
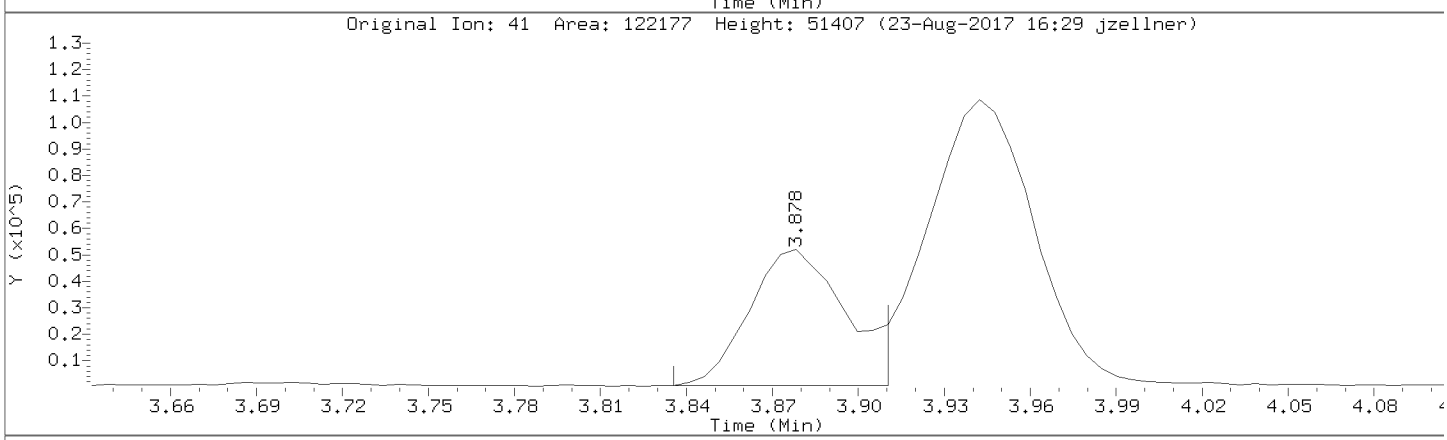
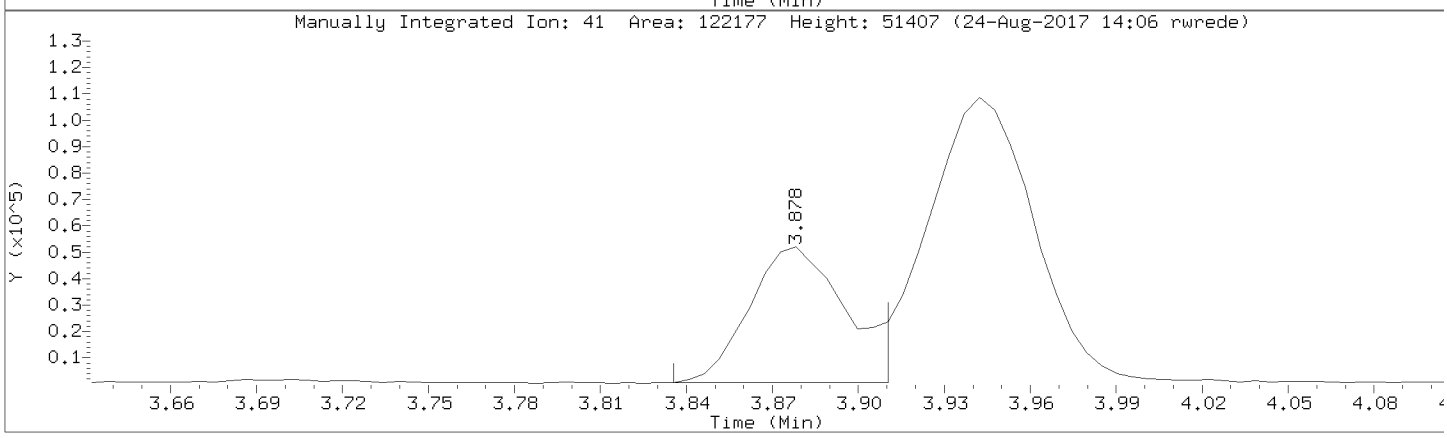
Injection Date: 23-AUG-2017 16:01
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL7,156499:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1









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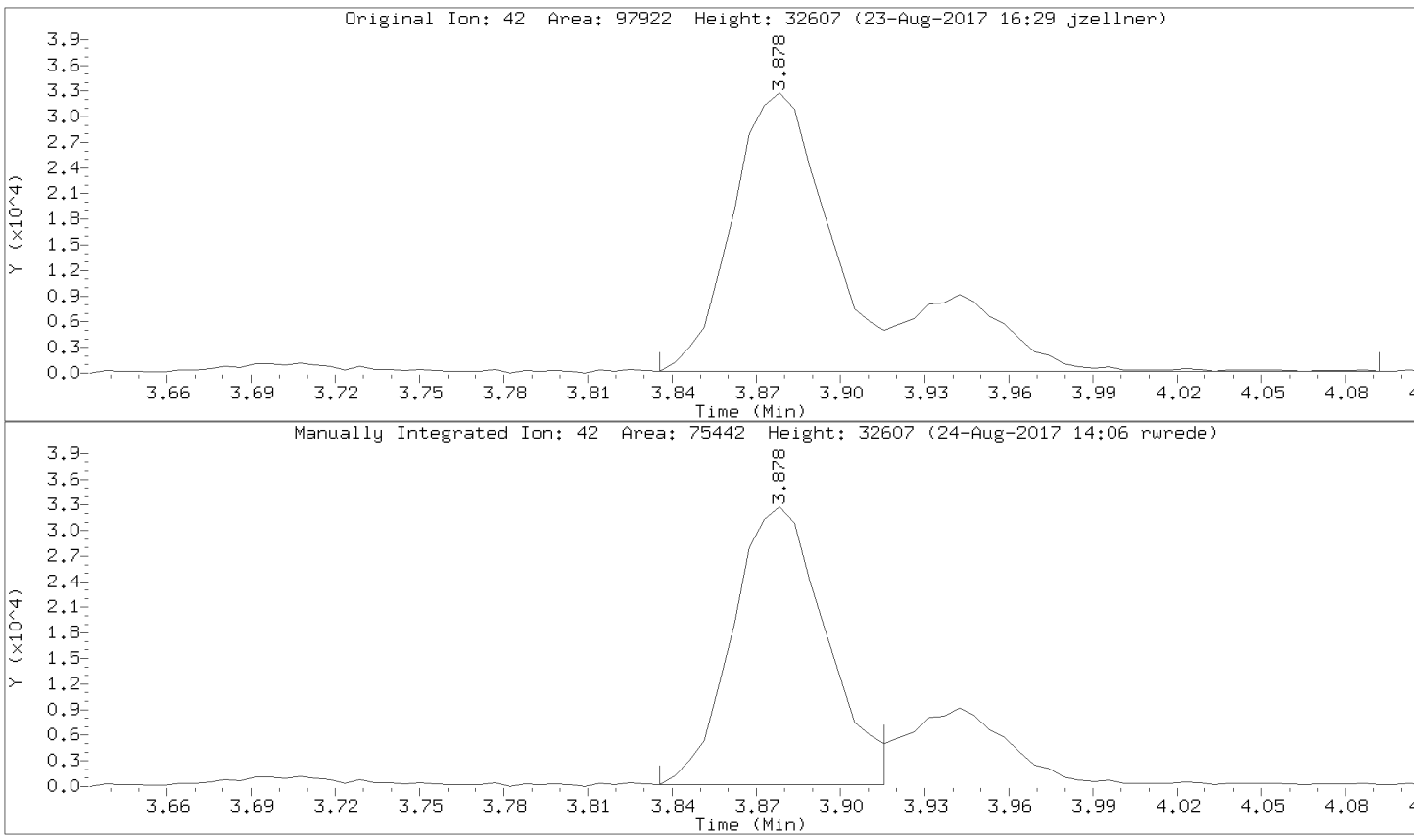
Injection Date: 23-AUG-2017 16:01
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL7,156499:0



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Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b08cal.d
Lab Smp Id: 8260-CAL8,156500:0 Client Smp ID: 8260-CAL8
Inj Date : 23-AUG-2017 16:33
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-cal8,156500:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\-b8260_a_c.m
Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 18 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.916	0.916	(0.220)	522118	300.000	292	
2	Chloromethane	50	0.997	0.997	(0.239)	618395	300.000	284	
3	Vinyl Chloride	62	1.045	1.045	(0.251)	648553	300.000	292	
4	Bromomethane	94	1.183	1.183	(0.284)	315154	300.000	326	
5	Chloroethane	64	1.232	1.232	(0.296)	366685	300.000	266(M)	CO
6	Trichlorofluoromethane	101	1.349	1.349	(0.324)	709252	300.000	289	
7	Diethyl ether	74	1.472	1.472	(0.354)	181011	300.000	270	
8	1,2-dichlorotrifluoroethane	67	1.488	1.488	(0.357)	545773	300.000	252	
9	Acrolein	56	1.541	1.541	(0.370)	663575	6000.00	5680	
10	1,1,2trichlorotrifluoroethane	101	1.595	1.595	(0.383)	471894	300.000	268	
11	1,1-Dichloroethene	96	1.600	1.600	(0.384)	389379	300.000	277	
12	Acetone	43	1.611	1.611	(0.387)	257114	1500.00	1210	
13	Iodomethane	142	1.686	1.686	(0.405)	995925	600.000	627	
14	Carbon Disulfide	76	1.734	1.734	(0.416)	1343584	300.000	266	
15	Methyl Acetate	43	1.776	1.777	(0.427)	176026	300.000	304	
16	allyl chloride	41	1.792	1.792	(0.431)	1137064	600.000	519	
17	Acetonitrile	39	1.792	1.792	(0.431)	804675	300.000	246	
18	Methylene Chloride	84	1.867	1.868	(0.448)	359205	300.000	297	
19	tert-Butyl Alcohol	59	1.910	1.910	(0.459)	47820	600.000	592(Q)	
20	Acrylonitrile	53	2.001	2.001	(0.481)	269608	1200.00	1120	
21	Methyl-tert-butyl ether	73	2.033	2.033	(0.488)	845131	300.000	277	
22	1,2-Dichloroethene (trans)	96	2.043	2.043	(0.491)	415623	300.000	269	
23	n-Hexane	57	2.225	2.225	(0.534)	814864	300.000	272	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.332	2.332	(0.560)	2415134	1200.00	1310	
	25 1,1-Dichloroethane	63	2.342	2.342	(0.563)	764997	300.000	283	
	26 Chloroprene	53	2.401	2.401	(0.577)	751285	300.000	283	
	27 2-Butanone	72	2.802	2.802	(0.673)	104088	1500.00	1520	
	28 1,2-Dichloroethene (cis)	96	2.818	2.818	(0.677)	434541	300.000	267	
	29 2,2-Dichloropropane	77	2.823	2.823	(0.678)	685995	300.000	274	
	30 Propionitrile	54	2.855	2.855	(0.686)	29196	300.000	306(Q)	
	31 Methacrylonitrile	41	3.005	3.005	(0.722)	125412	300.000	297	
	32 Bromochloromethane	49	3.048	3.048	(0.732)	262531	300.000	274	
	33 Tetrahydrofuran	42	3.069	3.069	(0.737)	57047	300.000	295	
	34 Chloroform	83	3.160	3.160	(0.759)	683974	300.000	263	
$	35 Dibromofluoromethane (S)	113	3.336	3.336	(0.801)	55541	50.0000	48.5	
	36 1,1,1-Trichloroethane	97	3.336	3.336	(0.801)	686190	300.000	261	
	37 Cyclohexane	56	3.421	3.422	(0.822)	833304	300.000	252	
	151 n-Butyl chloride	56	3.480	3.480	(0.836)	946178	300.000	278	
	38 Carbon Tetrachloride	117	3.518	3.518	(0.845)	614423	300.000	273	
	39 1,1-Dichloropropene	75	3.523	3.523	(0.846)	629853	300.000	277	
	40 Benzene	78	3.763	3.763	(0.904)	1659063	300.000	286	
	41 1,2-Dichloroethane	62	3.849	3.849	(0.924)	395972	300.000	267	
	42 Isobutyl alcohol	43	3.881	3.881	(0.932)	1687131	300.000	272(M)	CO
	43 2,2,4-Trimethylpentane	57	3.945	3.945	(0.947)	1866835	300.000	275	
*	44 Fluorobenzene (IS)	96	4.164	4.164	(1.000)	237575	50.0000		
	45 Trichloroethene	95	4.612	4.612	(1.108)	434384	300.000	271	
	46 Methylcyclohexane	55	4.885	4.885	(1.173)	696760	300.000	268	
	47 1,2-Dichloropropane	63	4.917	4.917	(1.181)	390098	300.000	285	
	48 Methyl methacrylate	69	5.034	5.034	(1.209)	155984	300.000	288	
	49 Dibromomethane	93	5.013	5.013	(1.204)	160842	300.000	276	
	50 1,4-Dioxane	88	5.024	5.024	(1.206)	42684	6000.00	5590	
	51 Bromodichloromethane	83	5.243	5.243	(1.259)	485826	300.000	283	
	52 2-Chloroethyl vinyl ether	63	5.595	5.595	(0.763)	220636	600.000	686	
	53 cis-1,3-Dichloropropene	75	5.739	5.739	(0.782)	589879	300.000	298	
	54 4-Methyl-2-Pentanone	43	5.910	5.910	(0.806)	910004	1500.00	1360	
$	55 Toluene-d8 (S)	98	6.012	6.012	(0.819)	232725	50.0000	50.4	
	56 Toluene	91	6.087	6.087	(0.830)	1794051	300.000	272	
	57 trans-1,3-Dichloropropene	75	6.370	6.370	(0.868)	487629	300.000	310	
	58 Ethyl Methacrylate	69	6.455	6.455	(0.880)	323457	300.000	274	
	59 1,1,2-Trichloroethane	83	6.557	6.557	(0.894)	195793	300.000	255	
	60 Tetrachloroethene	166	6.610	6.610	(0.901)	503929	300.000	294	
	61 1,3-Dichloropropane	76	6.695	6.695	(0.913)	435784	300.000	298	
	62 2-Hexanone	43	6.765	6.765	(0.922)	614010	1500.00	1410	
	63 Dibromochloromethane	129	6.882	6.882	(0.938)	313899	300.000	294	
	64 1,2-Dibromoethane	107	6.968	6.968	(0.950)	235448	300.000	286	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	174742	50.0000		
	66 Chlorobenzene	112	7.358	7.358	(1.003)	1105247	300.000	282	
	67 1,1,1,2-Tetrachloroethane	131	7.438	7.438	(1.014)	391233	300.000	294	
	68 Ethylbenzene	106	7.443	7.443	(1.015)	674818	300.000	252	
	69 m&p-Xylene	106	7.545	7.545	(1.028)	1663602	600.000	515	
	70 o-Xylene	106	7.801	7.801	(1.063)	797568	300.000	270	
	71 Styrene	104	7.817	7.817	(1.066)	1310829	300.000	262	
	72 Bromoform	173	7.935	7.935	(0.898)	174705	300.000	294	
	73 Isopropylbenzene	105	8.047	8.047	(1.097)	2321011	300.000	277	
$	74 4-Bromofluorobenzene (S)	95	8.159	8.159	(1.112)	84592	50.0000	48.8	
	75 Bromobenzene	77	8.239	8.239	(1.123)	693767	300.000	273	
	76 1,1,2,2-Tetrachloroethane	83	8.250	8.250	(0.934)	263116	300.000	265	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.271	8.271	(1.127)	67957	300.000	276	
78	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	77694	300.000	268	
79	n-Propylbenzene	91	8.308	8.308	(0.940)	2667360	300.000	278	
80	2-Chlorotoluene	91	8.357	8.357	(0.946)	1470647	300.000	271	
81	1,3,5-Trimethylbenzene	105	8.415	8.415	(0.952)	1893880	300.000	283	
82	4-Chlorotoluene	126	8.431	8.431	(0.954)	486627	300.000	278	
83	tert-Butylbenzene	119	8.597	8.597	(0.973)	2149559	300.000	276	
84	1,2,4-Trimethylbenzene	105	8.629	8.629	(0.976)	1860824	300.000	273	
85	sec-Butylbenzene	105	8.725	8.725	(0.987)	2619307	300.000	274	
86	1,3-Dichlorobenzene	146	8.789	8.789	(0.995)	906254	300.000	276	
87	p-Isopropyltoluene	119	8.811	8.811	(0.997)	2155455	300.000	278	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.837	8.837	(1.000)	87664	50.0000	(Q)	
89	1,4-Dichlorobenzene	146	8.848	8.848	(1.001)	884620	300.000	264	
90	n-Butylbenzene	91	9.024	9.024	(1.021)	1950587	300.000	270	
91	1,2-Dichlorobenzene	146	9.040	9.040	(1.023)	775573	300.000	278	
92	1,2-Dibromo-3-chloropropane	155	9.451	9.451	(1.069)	43397	300.000	282	
93	1,2,4-Trichlorobenzene	180	9.857	9.857	(1.115)	564141	300.000	268	
94	Hexachlorobutadiene	225	9.921	9.921	(1.123)	426131	300.000	271	
95	Naphthalene	128	9.996	9.996	(1.131)	971198	300.000	271	
96	1,2,3-Trichlorobenzene	180	10.114	10.114	(1.144)	485607	300.000	277	
97	2,methyl-naphthalene	142	10.626	10.626	(1.202)	572658	300.000	280	
98	1-Methylnaphthalene	142	10.744	10.744	(1.216)	447142	300.000	282	
99	Isopropyl Acetate	61	3.881	3.881	(0.932)	365833	1500.00	1480	
100	Ethyl Acetate	88	2.845	2.845	(0.683)	71894	3000.00	3180(Q)	
101	n-amyl Acetate	70	7.945	7.945	(1.908)	691010	1500.00	255	

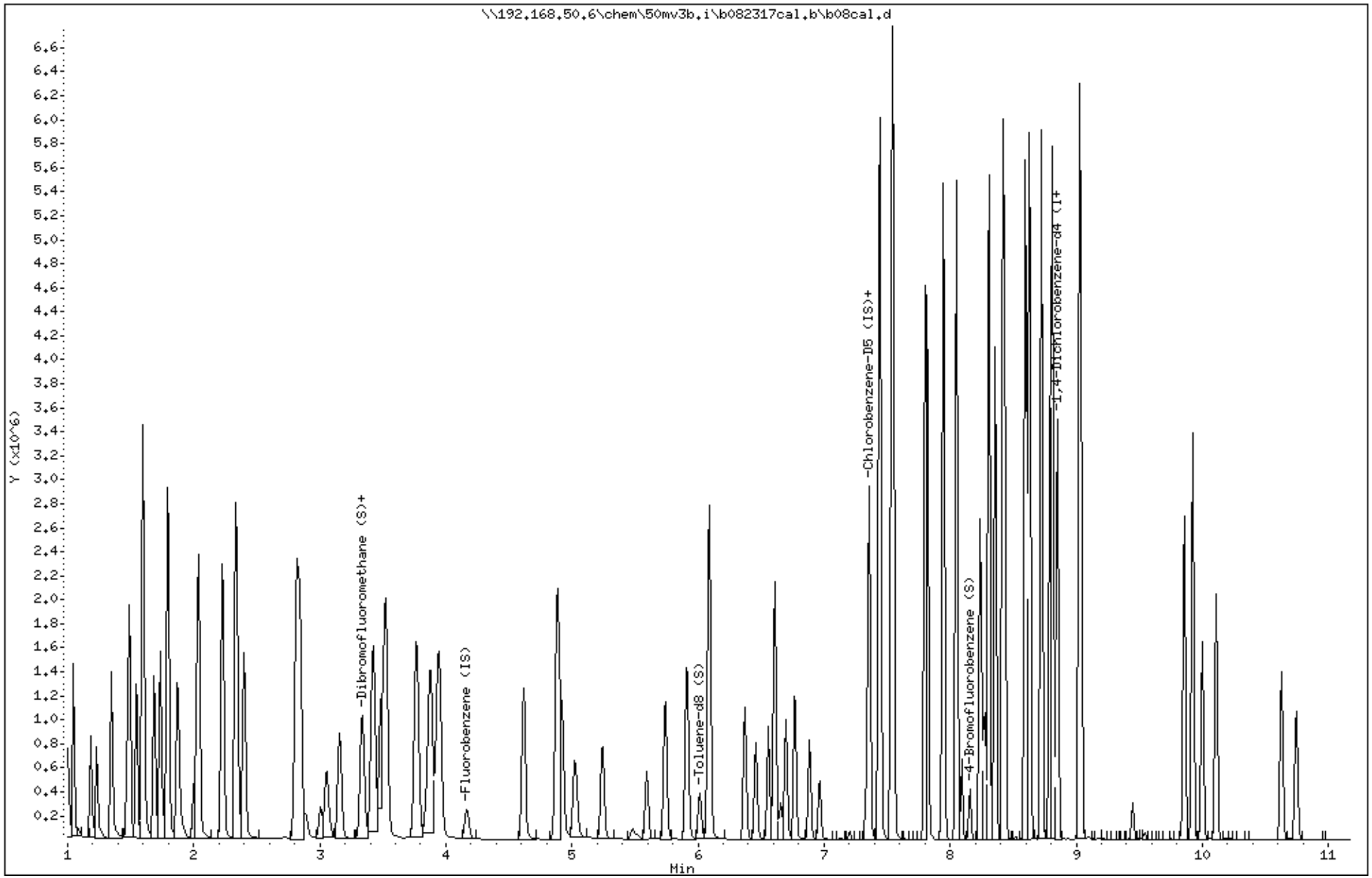
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
CO: Indicates that the analyst had to split two co-eluting peaks apart that were not (or could not be) separated by the computer system.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b08cal.d
Date : 23-AUG-2017 16:33
Client ID: 8260-CAL8
Instrument: 50mv3b.i
Sample Info: 8260-CAL8,156500:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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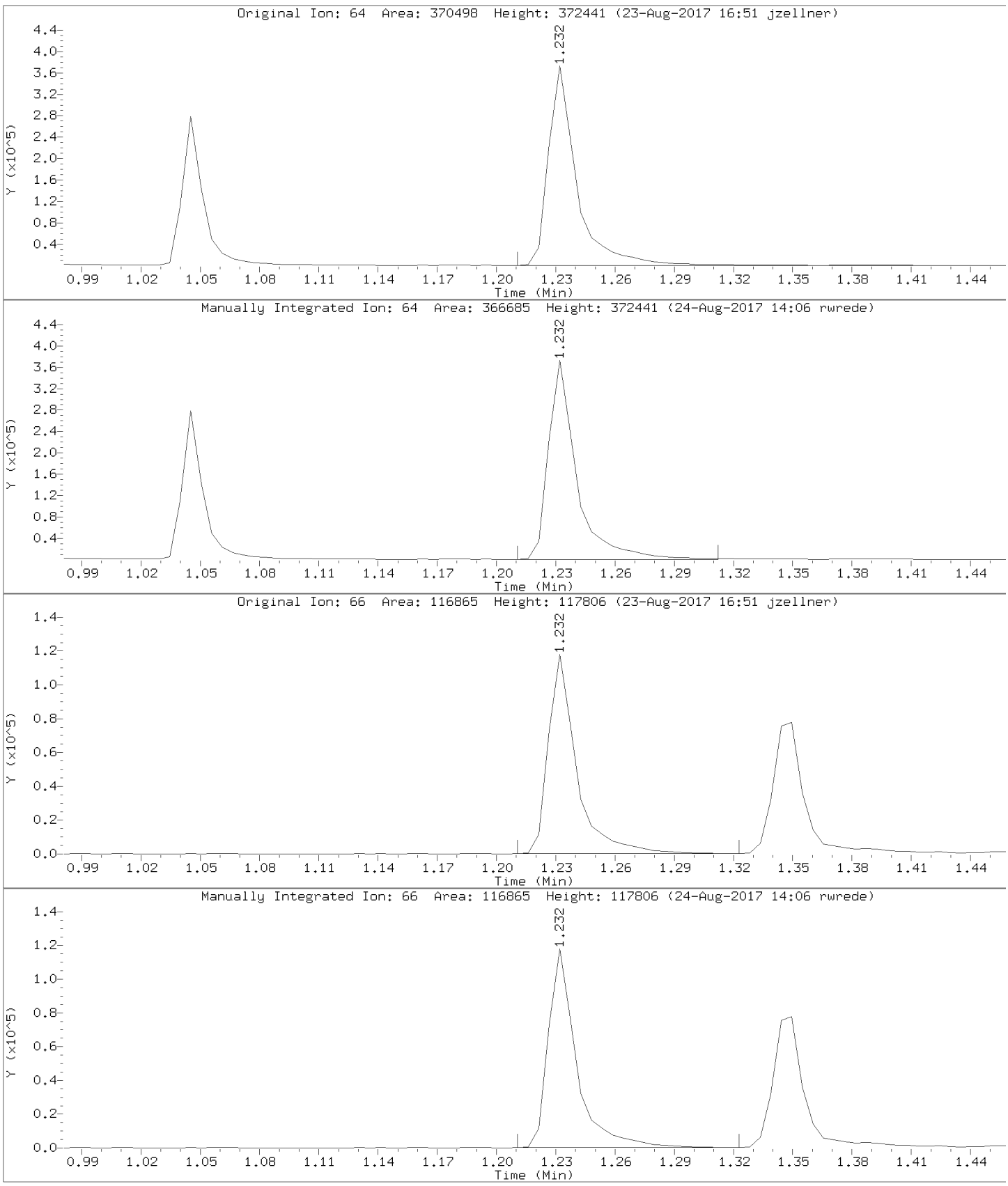
Injection Date: 23-AUG-2017 16:33
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL8,156500:0

Compound: Chloroethane Review Code: CO
CAS Number: 75-00-3



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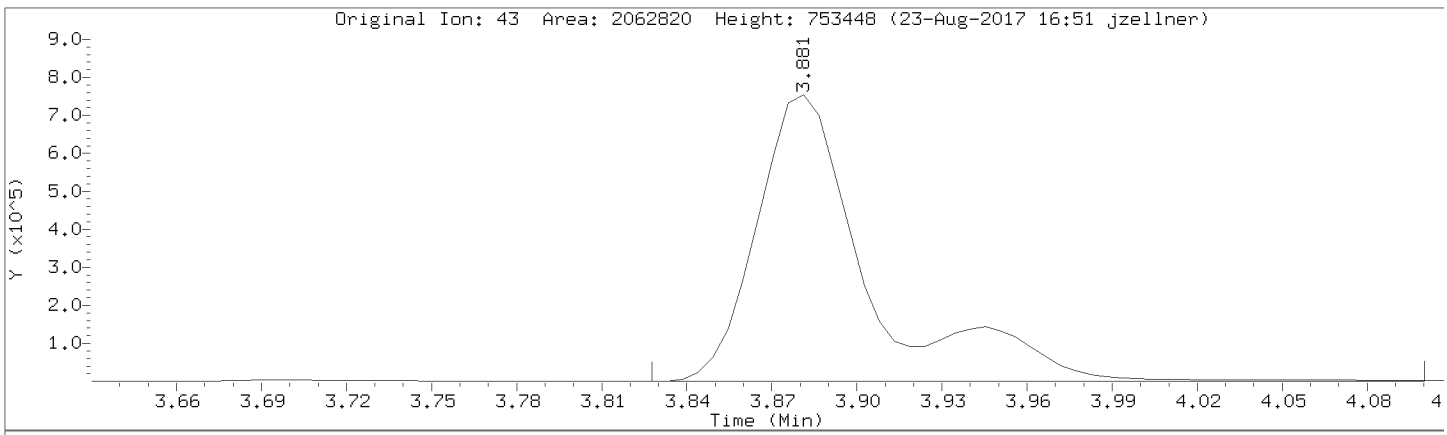
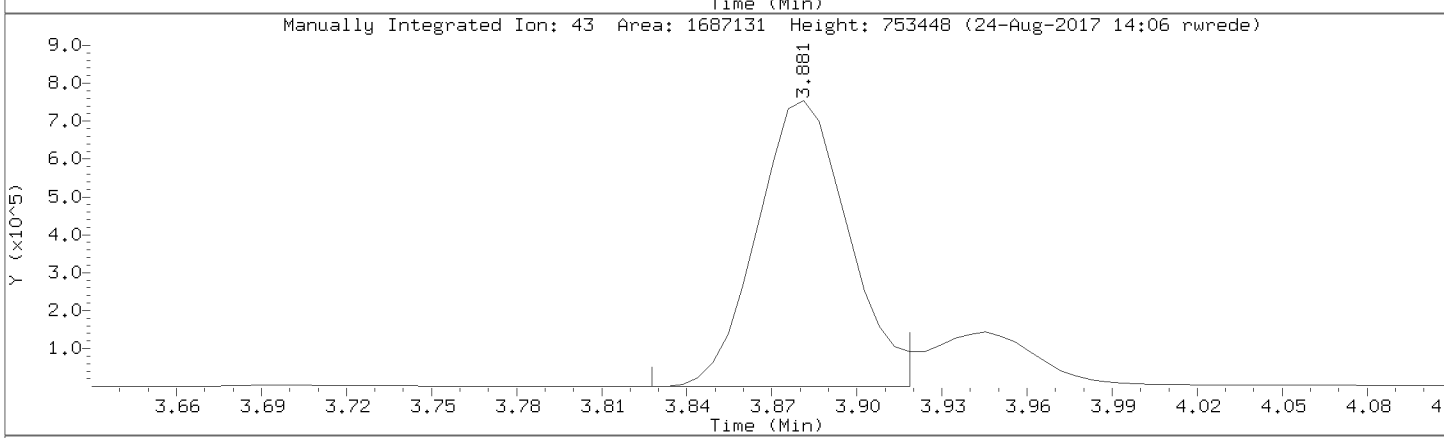
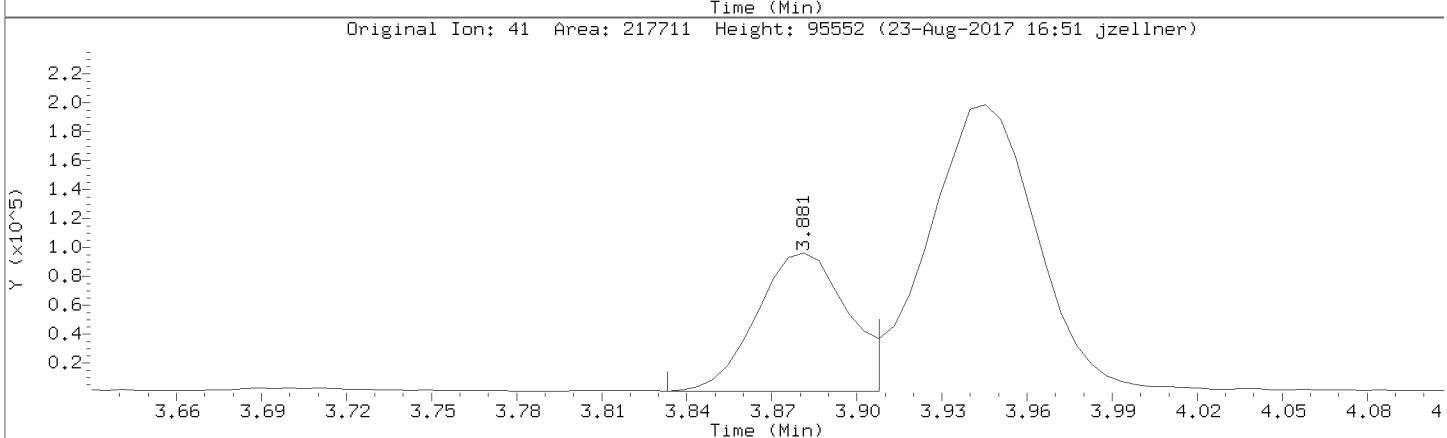
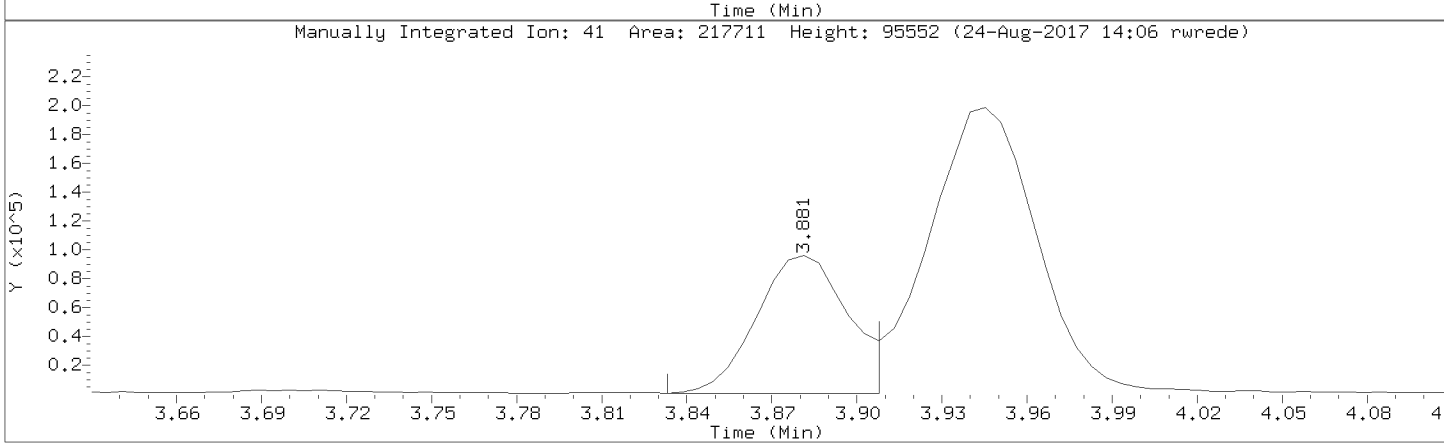
Injection Date: 23-AUG-2017 16:33
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL8,156500:0

Compound: Isobutyl alcohol Review Code: CO
CAS Number: 78-83-1

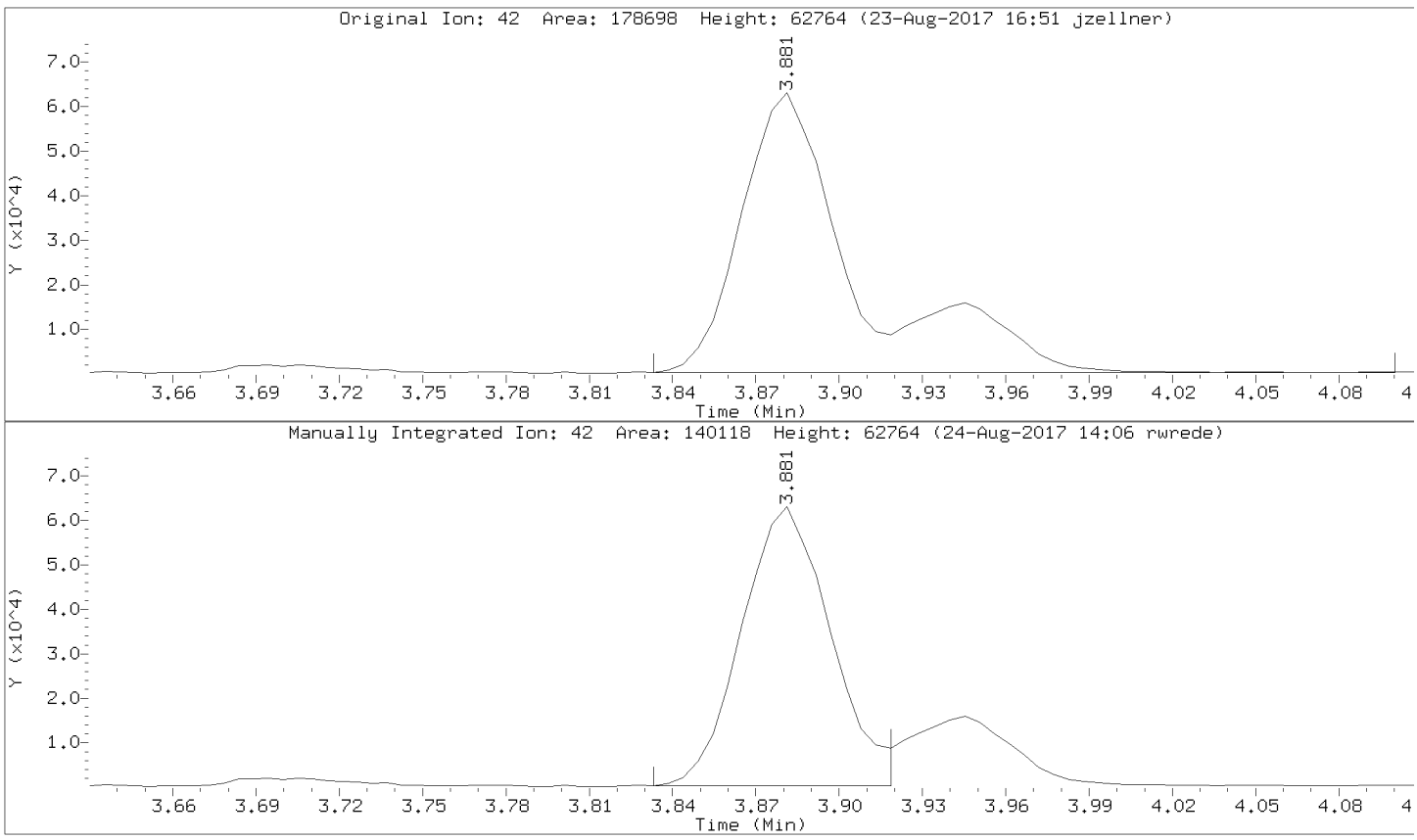








Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b08cal.d
Injection Date: 23-AUG-2017 16:33
Instrument: 50mv3b.i
Lab Sample ID: 8260-CAL8,156500:0



SAMPLE NO.

12111974CCV

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/05/2017 Time: 22:24

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100517.B\C01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	250	201.1374	0.0100	-19.5450	20.0000
Benzene	Averaged	1.11729	1.06355	0.5000	-4.8101	20.0000
Bromodichloromethane	Averaged	0.33630	0.30482	0.2000	-9.3618	20.0000
Bromoform	Averaged	0.47405	0.47259	0.1000	-0.3071	20.0000
Bromomethane	Averaged	0.13282	0.14671	0.1000	10.4524	20.0000
2-Butanone (MEK)	Averaged	0.01588	0.01530	0.0100	-3.6462	20.0000
Carbon disulfide	Averaged	0.86564	0.67468	0.1000	-22.0600	20.0000
Carbon tetrachloride	Averaged	0.41103	0.35825	0.1000	-12.8402	20.0000
Chlorobenzene	Averaged	0.99466	1.01943	0.5000	2.4909	20.0000
Chloroethane	Averaged	0.20890	0.16163	0.1000	-22.6259	20.0000
Chloroform	Averaged	0.48654	0.45461	0.2000	-6.5624	20.0000
Chloromethane	Averaged	0.23631	0.17888	0.1000	-24.3009	20.0000
Cyclohexane	Averaged	0.55767	0.42531	0.1000	-23.7346	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.08478	0.07498	0.0500	-11.5566	20.0000
Dibromochloromethane	Averaged	0.33477	0.33929	0.1000	1.3500	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.25321	0.25415	0.1000	0.3732	20.0000
1,2-Dichlorobenzene	Averaged	1.36193	1.32483	0.4000	-2.7234	20.0000
1,3-Dichlorobenzene	Averaged	1.64121	1.54499	0.6000	-5.8632	20.0000
1,4-Dichlorobenzene	Averaged	1.62171	1.52894	0.5000	-5.7202	20.0000
Dichlorodifluoromethane	Averaged	0.27268	0.23309	0.1000	-14.5195	20.0000
1,1-Dichloroethane	Averaged	0.53115	0.45029	0.2000	-15.2249	20.0000
1,2-Dichloroethane	Averaged	0.30523	0.25583	0.1000	-16.1849	20.0000
1,1-Dichloroethene	Averaged	0.27400	0.24585	0.1000	-10.2725	20.0000
cis-1,2-Dichloroethene	Averaged	0.31030	0.29006	0.1000	-6.5228	20.0000
trans-1,2-Dichloroethene	Averaged	0.29347	0.27206	0.1000	-7.2960	20.0000
1,2-Dichloropropane	Averaged	0.26743	0.24572	0.1000	-8.1188	20.0000
cis-1,3-Dichloropropene	Averaged	0.65648	0.58351	0.2000	-11.1158	20.0000
trans-1,3-Dichloropropene	Averaged	0.52068	0.45814	0.1000	-12.0111	20.0000
Ethylbenzene	Averaged	0.64857	0.59910	0.1000	-7.6281	20.0000
2-Hexanone	Averaged	0.14278	0.12933	0.0500	-9.4173	20.0000
Isopropylbenzene (Cumene)	Averaged	1.72964	1.71453	0.1000	-0.8737	20.0000
Methyl acetate	Averaged	0.10262	0.10417	0.1000	1.5087	20.0000
Methylcyclohexane	Averaged	0.44060	0.36717	0.1000	-16.6651	20.0000
Methylene Chloride	Averaged	0.27105	0.24579	0.1000	-9.3191	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.23960	0.20282	0.0500	-15.3513	20.0000
Methyl-tert-butyl ether	Averaged	0.67427	0.59725	0.1000	-11.4232	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12111974CCV

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/05/2017 Time: 22:24

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100517.B\C01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	1.18160	1.03059	0.3000	-12.7797	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.72000	0.69323	0.3000	-3.7188	20.0000
Tetrachloroethene	Averaged	0.48171	0.49278	0.2000	2.2998	20.0000
Toluene	Averaged	1.88741	1.77109	0.4000	-6.1633	20.0000
1,2,4-Trichlorobenzene	Averaged	0.94052	0.82512	0.2000	-12.2689	20.0000
1,1,1-Trichloroethane	Averaged	0.48075	0.41629	0.1000	-13.4087	20.0000
1,1,2-Trichloroethane	Averaged	0.23992	0.23591	0.1000	-1.6707	20.0000
Trichloroethene	Averaged	0.29031	0.28009	0.2000	-3.5213	20.0000
Trichlorofluoromethane	Averaged	0.42957	0.38415	0.1000	-10.5726	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.32900	0.28763	0.1000	-12.5758	20.0000
Vinyl chloride	Averaged	0.35371	0.27695	0.1000	-21.6991	20.0000
m&p-Xylene	Averaged	0.74522	0.70649	0.1000	-5.1979	20.0000
o-Xylene	Averaged	0.66965	0.64254	0.3000	-4.0486	20.0000
4-Bromofluorobenzene (S)	Averaged	0.41133	0.40427	0.1000	-1.7167	20.0000
Dibromofluoromethane (S)	Averaged	0.24688	0.22523	0.1000	-8.7692	20.0000
Toluene-d8 (S)	Averaged	1.50010	1.45940	0.1000	-2.7132	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12125353CCV

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/09/2017 Time: 10:48

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100917.B\A01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	250	173.2462	0.0100	-30.7015	20.0000
Benzene	Averaged	1.11729	1.02926	0.5000	-7.8791	20.0000
Bromodichloromethane	Averaged	0.33630	0.28710	0.2000	-14.6308	20.0000
Bromoform	Averaged	0.47405	0.46028	0.1000	-2.9041	20.0000
Bromomethane	Averaged	0.13282	0.15197	0.1000	14.4151	20.0000
2-Butanone (MEK)	Averaged	0.01588	0.01429	0.0100	-9.9965	20.0000
Carbon disulfide	Averaged	0.86564	0.71895	0.1000	-16.9455	20.0000
Carbon tetrachloride	Averaged	0.41103	0.34607	0.1000	-15.8052	20.0000
Chlorobenzene	Averaged	0.99466	0.96026	0.5000	-3.4577	20.0000
Chloroethane	Averaged	0.20890	0.16832	0.1000	-19.4233	20.0000
Chloroform	Averaged	0.48654	0.42746	0.2000	-12.1411	20.0000
Chloromethane	Averaged	0.23631	0.19760	0.1000	-16.3815	20.0000
Cyclohexane	Averaged	0.55767	0.43914	0.1000	-21.2541	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.08478	0.07214	0.0500	-14.9051	20.0000
Dibromochloromethane	Averaged	0.33477	0.31806	0.1000	-4.9934	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.25321	0.23656	0.1000	-6.5741	20.0000
1,2-Dichlorobenzene	Averaged	1.36193	1.30287	0.4000	-4.3361	20.0000
1,3-Dichlorobenzene	Averaged	1.64121	1.58551	0.6000	-3.3941	20.0000
1,4-Dichlorobenzene	Averaged	1.62171	1.55652	0.5000	-4.0193	20.0000
Dichlorodifluoromethane	Averaged	0.27268	0.25734	0.1000	-5.6247	20.0000
1,1-Dichloroethane	Averaged	0.53115	0.44488	0.2000	-16.2432	20.0000
1,2-Dichloroethane	Averaged	0.30523	0.23895	0.1000	-21.7157	20.0000
1,1-Dichloroethene	Averaged	0.27400	0.24487	0.1000	-10.6287	20.0000
cis-1,2-Dichloroethene	Averaged	0.31030	0.27631	0.1000	-10.9538	20.0000
trans-1,2-Dichloroethene	Averaged	0.29347	0.27116	0.1000	-7.6020	20.0000
1,2-Dichloropropane	Averaged	0.26743	0.23630	0.1000	-11.6404	20.0000
cis-1,3-Dichloropropene	Averaged	0.65648	0.59340	0.2000	-9.6085	20.0000
trans-1,3-Dichloropropene	Averaged	0.52068	0.45614	0.1000	-12.3955	20.0000
Ethylbenzene	Averaged	0.64857	0.57566	0.1000	-11.2419	20.0000
2-Hexanone	Averaged	0.14278	0.11474	0.0500	-19.6413	20.0000
Isopropylbenzene (Cumene)	Averaged	1.72964	1.65255	0.1000	-4.4569	20.0000
Methyl acetate	Averaged	0.10262	0.10644	0.1000	3.7177	20.0000
Methylcyclohexane	Averaged	0.44060	0.36264	0.1000	-17.6946	20.0000
Methylene Chloride	Averaged	0.27105	0.23626	0.1000	-12.8355	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.23960	0.18082	0.0500	-24.5341	20.0000
Methyl-tert-butyl ether	Averaged	0.67427	0.55421	0.1000	-17.8067	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12125353CCV

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/09/2017 Time: 10:48

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100917.B\A01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	1.18160	0.99897	0.3000	-15.4559	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.72000	0.64200	0.3000	-10.8337	20.0000
Tetrachloroethene	Averaged	0.48171	0.45954	0.2000	-4.6027	20.0000
Toluene	Averaged	1.88741	1.71932	0.4000	-8.9061	20.0000
1,2,4-Trichlorobenzene	Averaged	0.94052	0.89648	0.2000	-4.6820	20.0000
1,1,1-Trichloroethane	Averaged	0.48075	0.39237	0.1000	-18.3846	20.0000
1,1,2-Trichloroethane	Averaged	0.23992	0.21244	0.1000	-11.4553	20.0000
Trichloroethene	Averaged	0.29031	0.27064	0.2000	-6.7755	20.0000
Trichlorofluoromethane	Averaged	0.42957	0.40266	0.1000	-6.2656	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.32900	0.28777	0.1000	-12.5322	20.0000
Vinyl chloride	Averaged	0.35371	0.29986	0.1000	-15.2234	20.0000
m&p-Xylene	Averaged	0.74522	0.68682	0.1000	-7.8365	20.0000
o-Xylene	Averaged	0.66965	0.61517	0.3000	-8.1354	20.0000
4-Bromofluorobenzene (S)	Averaged	0.41133	0.39332	0.1000	-4.3781	20.0000
Dibromofluoromethane (S)	Averaged	0.24688	0.22445	0.1000	-9.0846	20.0000
Toluene-d8 (S)	Averaged	1.50010	1.49552	0.1000	-0.3051	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12125354CCV

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/09/2017 Time: 23:01

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100917.B\C01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	250	198.9728	0.0100	-20.4108	20.0000
Benzene	Averaged	1.11729	1.11765	0.5000	0.0319	20.0000
Bromodichloromethane	Averaged	0.33630	0.33631	0.2000	0.0029	20.0000
Bromoform	Averaged	0.47405	0.53494	0.1000	12.8457	20.0000
Bromomethane	Averaged	0.13282	0.15424	0.1000	16.1234	20.0000
2-Butanone (MEK)	Averaged	0.01588	0.01638	0.0100	3.1734	20.0000
Carbon disulfide	Averaged	0.86564	0.72279	0.1000	-16.5026	20.0000
Carbon tetrachloride	Averaged	0.41103	0.37967	0.1000	-7.6296	20.0000
Chlorobenzene	Averaged	0.99466	1.10567	0.5000	11.1614	20.0000
Chloroethane	Averaged	0.20890	0.17789	0.1000	-14.8411	20.0000
Chloroform	Averaged	0.48654	0.47830	0.2000	-1.6918	20.0000
Chloromethane	Averaged	0.23631	0.20020	0.1000	-15.2801	20.0000
Cyclohexane	Averaged	0.55767	0.42730	0.1000	-23.3767	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.08478	0.08560	0.0500	0.9618	20.0000
Dibromochloromethane	Averaged	0.33477	0.37012	0.1000	10.5582	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.25321	0.27514	0.1000	8.6598	20.0000
1,2-Dichlorobenzene	Averaged	1.36193	1.46998	0.4000	7.9337	20.0000
1,3-Dichlorobenzene	Averaged	1.64121	1.73638	0.6000	5.7985	20.0000
1,4-Dichlorobenzene	Averaged	1.62171	1.71042	0.5000	5.4707	20.0000
Dichlorodifluoromethane	Averaged	0.27268	0.26339	0.1000	-3.4051	20.0000
1,1-Dichloroethane	Averaged	0.53115	0.47227	0.2000	-11.0860	20.0000
1,2-Dichloroethane	Averaged	0.30523	0.26984	0.1000	-11.5936	20.0000
1,1-Dichloroethene	Averaged	0.27400	0.24999	0.1000	-8.7630	20.0000
cis-1,2-Dichloroethene	Averaged	0.31030	0.30885	0.1000	-0.4675	20.0000
trans-1,2-Dichloroethene	Averaged	0.29347	0.28165	0.1000	-4.0282	20.0000
1,2-Dichloropropane	Averaged	0.26743	0.26534	0.1000	-0.7823	20.0000
cis-1,3-Dichloropropene	Averaged	0.65648	0.64899	0.2000	-1.1407	20.0000
trans-1,3-Dichloropropene	Averaged	0.52068	0.50190	0.1000	-3.6072	20.0000
Ethylbenzene	Averaged	0.64857	0.65569	0.1000	1.0982	20.0000
2-Hexanone	Averaged	0.14278	0.13918	0.0500	-2.5211	20.0000
Isopropylbenzene (Cumene)	Averaged	1.72964	1.86005	0.1000	7.5396	20.0000
Methyl acetate	Averaged	0.10262	0.10502	0.1000	2.3307	20.0000
Methylcyclohexane	Averaged	0.44060	0.37579	0.1000	-14.7087	20.0000
Methylene Chloride	Averaged	0.27105	0.25098	0.1000	-7.4029	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.23960	0.21977	0.0500	-8.2758	20.0000
Methyl-tert-butyl ether	Averaged	0.67427	0.61421	0.1000	-8.9083	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12125354CCV

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/09/2017 Time: 23:01

Instrument ID: 50MV3A GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: A100917.B\C01CCV.D Init. Calib. Time(s): 12:33 16:17

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	1.18160	1.12691	0.3000	-4.6284	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.72000	0.75885	0.3000	5.3949	20.0000
Tetrachloroethene	Averaged	0.48171	0.52122	0.2000	8.2032	20.0000
Toluene	Averaged	1.88741	1.94592	0.4000	3.0997	20.0000
1,2,4-Trichlorobenzene	Averaged	0.94052	0.93979	0.2000	-0.0767	20.0000
1,1,1-Trichloroethane	Averaged	0.48075	0.42778	0.1000	-11.0182	20.0000
1,1,2-Trichloroethane	Averaged	0.23992	0.24274	0.1000	1.1757	20.0000
Trichloroethene	Averaged	0.29031	0.29951	0.2000	3.1693	20.0000
Trichlorofluoromethane	Averaged	0.42957	0.41688	0.1000	-2.9550	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.32900	0.29128	0.1000	-11.4667	20.0000
Vinyl chloride	Averaged	0.35371	0.31026	0.1000	-12.2833	20.0000
m&p-Xylene	Averaged	0.74522	0.77120	0.1000	3.4858	20.0000
o-Xylene	Averaged	0.66965	0.69243	0.3000	3.4016	20.0000
4-Bromofluorobenzene (S)	Averaged	0.41133	0.40620	0.1000	-1.2483	20.0000
Dibromofluoromethane (S)	Averaged	0.24688	0.22501	0.1000	-8.8595	20.0000
Toluene-d8 (S)	Averaged	1.50010	1.48369	0.1000	-1.0934	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12113881CCV

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/05/2017 Time: 23:12

Instrument ID: 50MV3B GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: B100517.B\D02LCSW-CCV.D Init. Calib. Time(s): 12:49 16:33

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Averaged	0.04475	0.03355	0.0100	-25.0260	20.0000
Benzene	Averaged	1.21959	1.10792	0.5000	-9.1561	20.0000
Bromodichloromethane	Averaged	0.36123	0.31207	0.2000	-13.6102	20.0000
Bromoform	Averaged	0.33832	0.29570	0.1000	-12.5971	20.0000
Bromomethane	Averaged	0.20336	0.19574	0.1000	-3.7425	20.0000
2-Butanone (MEK)	Averaged	0.01438	0.01430	0.0100	-0.5181	20.0000
Carbon disulfide	Averaged	1.06430	0.89578	0.1000	-15.8341	20.0000
Carbon tetrachloride	Averaged	0.47310	0.40168	0.1000	-15.0974	20.0000
Chlorobenzene	Averaged	1.12067	1.05953	0.5000	-5.4554	20.0000
Chloroethane	Averaged	0.29064	0.22948	0.1000	-21.0432	20.0000
Chloroform	Averaged	0.54725	0.44994	0.2000	-17.7826	20.0000
Chloromethane	Averaged	0.45836	0.37778	0.1000	-17.5797	20.0000
Cyclohexane	Averaged	0.69432	0.54671	0.1000	-21.2606	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.08782	0.07847	0.0500	-10.6418	20.0000
Dibromochloromethane	Averaged	0.30578	0.30026	0.1000	-1.8028	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.23520	0.22962	0.1000	-2.3753	20.0000
1,2-Dichlorobenzene	Averaged	1.59216	1.46360	0.4000	-8.0748	20.0000
1,3-Dichlorobenzene	Averaged	1.87246	1.65079	0.6000	-11.8386	20.0000
1,4-Dichlorobenzene	Averaged	1.90922	1.62082	0.5000	-15.1058	20.0000
Dichlorodifluoromethane	Averaged	0.37661	0.39697	0.1000	5.4067	20.0000
1,1-Dichloroethane	Averaged	0.56918	0.47613	0.2000	-16.3481	20.0000
1,2-Dichloroethane	Averaged	0.31175	0.23813	0.1000	-23.6161	20.0000
1,1-Dichloroethene	Averaged	0.29593	0.26152	0.1000	-11.6277	20.0000
cis-1,2-Dichloroethene	Averaged	0.34208	0.28702	0.1000	-16.0958	20.0000
trans-1,2-Dichloroethene	Averaged	0.32562	0.28813	0.1000	-11.5124	20.0000
1,2-Dichloropropane	Averaged	0.28804	0.24384	0.1000	-15.3441	20.0000
cis-1,3-Dichloropropene	Averaged	0.56734	0.51716	0.2000	-8.8437	20.0000
trans-1,3-Dichloropropene	Averaged	0.45071	0.39481	0.1000	-12.4026	20.0000
Ethylbenzene	Averaged	0.76468	0.66502	0.1000	-13.0328	20.0000
2-Hexanone	Averaged	0.12434	0.11263	0.0500	-9.4179	20.0000
Isopropylbenzene (Cumene)	Averaged	2.39388	2.22247	0.1000	-7.1603	20.0000
Methyl acetate	Linear	50	84.66018	0.1000	69.3204	20.0000
Methylcyclohexane	Averaged	0.54647	0.44874	0.1000	-17.8828	20.0000
Methylene Chloride	Linear	50	52.94818	0.1000	5.8964	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.19195	0.16800	0.0500	-12.4782	20.0000
Methyl-tert-butyl ether	Averaged	0.64249	0.53268	0.1000	-17.0919	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12113881CCV

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/05/2017 Time: 23:12

Instrument ID: 50MV3B GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: B100517.B\D02LCSW-CCV.D Init. Calib. Time(s): 12:49 16:33

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	1.43206	1.22501	0.3000	-14.4587	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.56532	0.47044	0.3000	-16.7828	20.0000
Tetrachloroethene	Averaged	0.49080	0.45565	0.2000	-7.1632	20.0000
Toluene	Averaged	1.88890	1.74912	0.4000	-7.4000	20.0000
1,2,4-Trichlorobenzene	Averaged	1.19826	0.97892	0.2000	-18.3043	20.0000
1,1,1-Trichloroethane	Averaged	0.55237	0.44481	0.1000	-19.4732	20.0000
1,1,2-Trichloroethane	Averaged	0.21977	0.18658	0.1000	-15.0992	20.0000
Trichloroethene	Averaged	0.33674	0.29238	0.2000	-13.1722	20.0000
Trichlorofluoromethane	Averaged	0.51562	0.50157	0.1000	-2.7246	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.37085	0.32615	0.1000	-12.0546	20.0000
Vinyl chloride	Averaged	0.46706	0.41344	0.1000	-11.4805	20.0000
m&p-Xylene	Averaged	0.92489	0.80864	0.1000	-12.5688	20.0000
o-Xylene	Averaged	0.84495	0.75540	0.3000	-10.5977	20.0000
4-Bromofluorobenzene (S)	Averaged	0.49588	0.48018	0.1000	-3.1656	20.0000
Dibromofluoromethane (S)	Averaged	0.24079	0.21838	0.1000	-9.3063	20.0000
Toluene-d8 (S)	Averaged	1.31981	1.37455	0.1000	4.1474	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12128488CCV

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/10/2017 Time: 11:54

Instrument ID: 50MV3B GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: B101017.B\B01CCV.D Init. Calib. Time(s): 12:49 16:33

SDG No.: 50180760

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Averaged	0.04475	0.03508	0.0100	-21.5985	20.0000
Benzene	Averaged	1.21959	1.17934	0.5000	-3.3003	20.0000
Bromodichloromethane	Averaged	0.36123	0.35815	0.2000	-0.8526	20.0000
Bromoform	Averaged	0.33832	0.37224	0.1000	10.0270	20.0000
Bromomethane	Averaged	0.20336	0.12424	0.1000	-38.9068	20.0000
2-Butanone (MEK)	Averaged	0.01438	0.01686	0.0100	17.2548	20.0000
Carbon disulfide	Averaged	1.06430	0.94996	0.1000	-10.7434	20.0000
Carbon tetrachloride	Averaged	0.47310	0.42150	0.1000	-10.9078	20.0000
Chlorobenzene	Averaged	1.12067	1.19773	0.5000	6.8764	20.0000
Chloroethane	Averaged	0.29064	0.22596	0.1000	-22.2570	20.0000
Chloroform	Averaged	0.54725	0.50018	0.2000	-8.6005	20.0000
Chloromethane	Averaged	0.45836	0.34469	0.1000	-24.8001	20.0000
Cyclohexane	Averaged	0.69432	0.50331	0.1000	-27.5108	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.08782	0.08677	0.0500	-1.1878	20.0000
Dibromochloromethane	Averaged	0.30578	0.34074	0.1000	11.4355	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.23520	0.25341	0.1000	7.7422	20.0000
1,2-Dichlorobenzene	Averaged	1.59216	1.67780	0.4000	5.3790	20.0000
1,3-Dichlorobenzene	Averaged	1.87246	1.93640	0.6000	3.4146	20.0000
1,4-Dichlorobenzene	Averaged	1.90922	1.93739	0.5000	1.4754	20.0000
Dichlorodifluoromethane	Averaged	0.37661	0.31830	0.1000	-15.4821	20.0000
1,1-Dichloroethane	Averaged	0.56918	0.50332	0.2000	-11.5699	20.0000
1,2-Dichloroethane	Averaged	0.31175	0.27030	0.1000	-13.2976	20.0000
1,1-Dichloroethene	Averaged	0.29593	0.27983	0.1000	-5.4410	20.0000
cis-1,2-Dichloroethene	Averaged	0.34208	0.32932	0.1000	-3.7317	20.0000
trans-1,2-Dichloroethene	Averaged	0.32562	0.30700	0.1000	-5.7180	20.0000
1,2-Dichloropropane	Averaged	0.28804	0.28111	0.1000	-2.4053	20.0000
cis-1,3-Dichloropropene	Averaged	0.56734	0.57056	0.2000	0.5689	20.0000
trans-1,3-Dichloropropene	Averaged	0.45071	0.45232	0.1000	0.3576	20.0000
Ethylbenzene	Averaged	0.76468	0.74260	0.1000	-2.8877	20.0000
2-Hexanone	Averaged	0.12434	0.12385	0.0500	-0.3985	20.0000
Isopropylbenzene (Cumene)	Averaged	2.39388	2.41075	0.1000	0.7049	20.0000
Methyl acetate	Linear	50	50.24143	0.1000	0.4829	20.0000
Methylcyclohexane	Averaged	0.54647	0.43245	0.1000	-20.8643	20.0000
Methylene Chloride	Linear	50	54.13135	0.1000	8.2627	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.19195	0.18453	0.0500	-3.8673	20.0000
Methyl-tert-butyl ether	Averaged	0.64249	0.58246	0.1000	-9.3429	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

12128488CCV

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Calibration Date: 10/10/2017 Time: 11:54

Instrument ID: 50MV3B GC Column: Col 1 Init. Calib. Date(s): 08/23/2017 08/23/2017

Lab File ID: B101017.B\B01CCV.D Init. Calib. Time(s): 12:49 16:33

SDG No.: 50180760

COMPOUND	CURVE	$\overline{RRF}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	1.43206	1.36594	0.3000	-4.6175	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.56532	0.56094	0.3000	-0.7759	20.0000
Tetrachloroethene	Averaged	0.49080	0.53706	0.2000	9.4245	20.0000
Toluene	Averaged	1.88890	1.85940	0.4000	-1.5614	20.0000
1,2,4-Trichlorobenzene	Averaged	1.19826	1.23332	0.2000	2.9258	20.0000
1,1,1-Trichloroethane	Averaged	0.55237	0.46033	0.1000	-16.6641	20.0000
1,1,2-Trichloroethane	Averaged	0.21977	0.21544	0.1000	-1.9683	20.0000
Trichloroethene	Averaged	0.33674	0.32716	0.2000	-2.8440	20.0000
Trichlorofluoromethane	Averaged	0.51562	0.45602	0.1000	-11.5579	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.37085	0.32915	0.1000	-11.2450	20.0000
Vinyl chloride	Averaged	0.46706	0.37520	0.1000	-19.6681	20.0000
m&p-Xylene	Averaged	0.92489	0.88875	0.1000	-3.9083	20.0000
o-Xylene	Averaged	0.84495	0.82797	0.3000	-2.0090	20.0000
4-Bromofluorobenzene (S)	Averaged	0.49588	0.46885	0.1000	-5.4511	20.0000
Dibromofluoromethane (S)	Averaged	0.24079	0.22336	0.1000	-7.2381	20.0000
Toluene-d8 (S)	Averaged	1.31981	1.32743	0.1000	0.5777	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d
Lab Smp Id: 8260-ICV,156501:0 Client Smp ID: 8260-ICV
Inj Date : 23-AUG-2017 17:20
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-icv,156501:0
Misc Info : 105903
Comment   :
Method   : \\192.168.50.6\chem\50mv3a.i\a082317cal.b\-a8260_a_c.m
Meth Date : 24-Aug-2017 13:50 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 21 QC Sample: ICV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.906	0.903	(0.218)	222171	60.0602	60.1	
2	Chloromethane	50	0.992	0.988	(0.239)	163454	50.9882	51.0	
3	Vinyl Chloride	62	1.034	1.031	(0.249)	257536	53.6718	53.7	
4	Bromomethane	94	1.179	1.180	(0.284)	101570	56.3685	56.4	
5	Chloroethane	64	1.221	1.223	(0.294)	139489	49.2222	49.2	
6	Trichlorofluoromethane	101	1.339	1.335	(0.322)	314955	54.0460	54.0	
7	Diethyl ether	74	1.462	1.458	(0.352)	93363	45.5243	45.5	
8	1,2-dichlorotrifluoroethane	67	1.478	1.474	(0.356)	237239	44.1723	44.2	
9	Acrolein	56	1.531	1.533	(0.369)	458732	1429.16	1430	
10	1,1,2trichlorotrifluoroethane	101	1.585	1.586	(0.382)	203802	45.6625	45.7	
11	1,1-Dichloroethene	96	1.590	1.586	(0.383)	167371	45.0283	45.0	
12	Acetone	43	1.601	1.597	(0.385)	120361	255.875	256	
13	Iodomethane	142	1.675	1.677	(0.403)	329626	99.7071	99.7	
14	Carbon Disulfide	76	1.723	1.725	(0.415)	508550	43.3058	43.3	
15	Methyl Acetate	43	1.766	1.768	(0.425)	137241	98.5797	98.6(R)	
16	allyl chloride	41	1.782	1.784	(0.429)	615241	112.039	112	
17	Acetonitrile	39	1.782	1.784	(0.429)	432455	54.6013	54.6	
18	Methylene Chloride	84	1.857	1.859	(0.447)	148778	40.4612	40.5	
19	Acrylonitrile	53	1.990	1.992	(0.479)	117206	193.057	193	
20	Methyl-tert-butyl ether	73	2.017	2.019	(0.486)	439029	47.9964	48.0	
21	tert-Butyl Alcohol	59	1.900	1.891	(0.457)	21956	88.4445	88.4(Q)	
22	1,2-Dichloroethene (trans)	96	2.028	2.030	(0.488)	183778	46.1620	46.2	
23	n-Hexane	57	2.215	2.211	(0.533)	353704	43.1822	43.2	

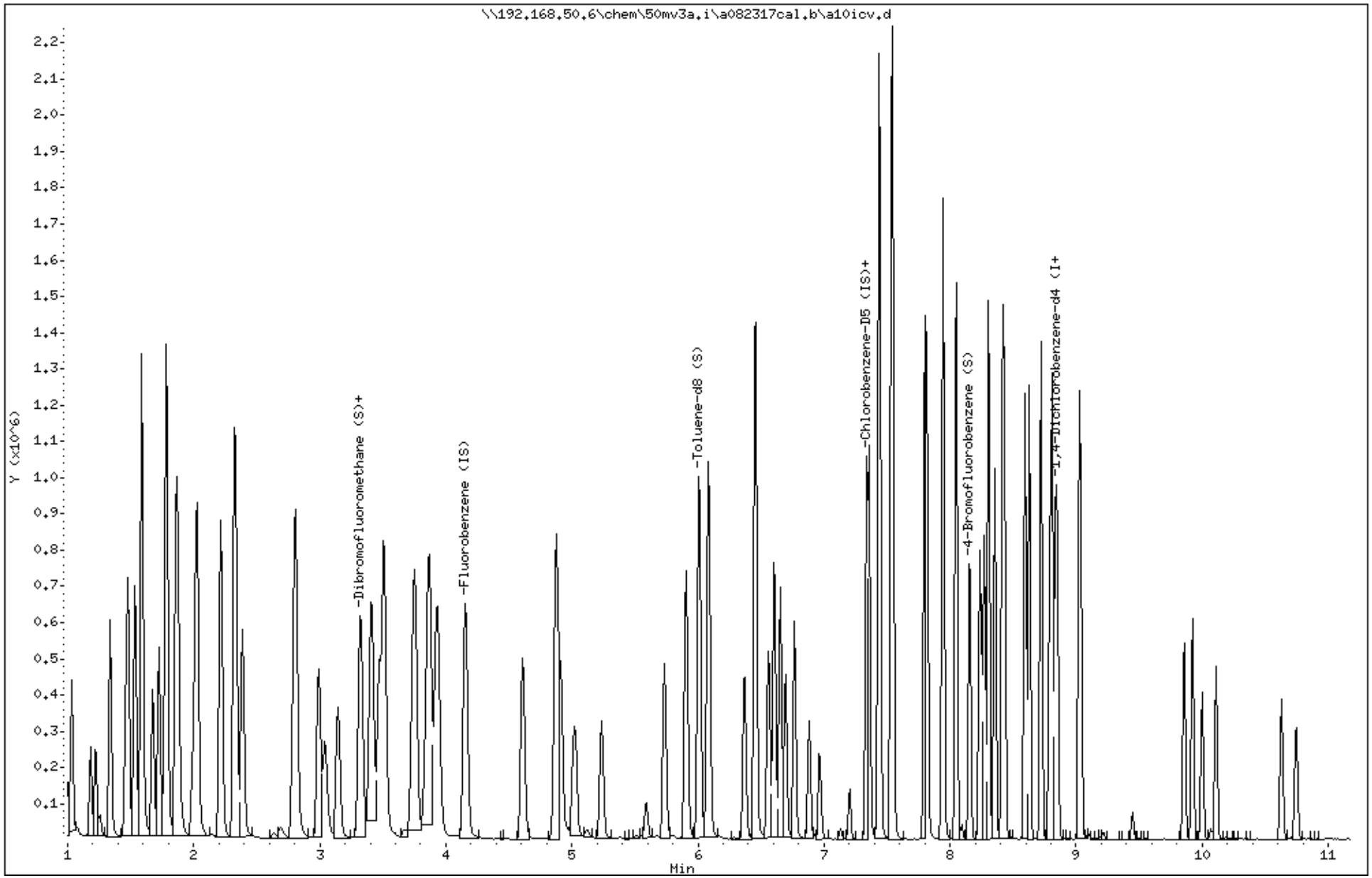
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.322	2.318	(0.559)	1193806	217.686	218	
	25 1,1-Dichloroethane	63	2.332	2.334	(0.562)	329251	45.6938	45.7	
	26 Chloroprene	53	2.386	2.387	(0.574)	309175	43.6095	43.6	
	27 2-Butanone	72	2.786	2.788	(0.671)	53305	247.444	247(Q)	
	28 1,2-Dichloroethene (cis)	96	2.808	2.804	(0.676)	184417	43.8090	43.8(Q)	
	29 2,2-Dichloropropane	77	2.813	2.809	(0.677)	287845	44.0006	44.0	
	30 Propionitrile	54	2.850	2.841	(0.686)	9628	43.1972	43.2(Q)	
	31 Methacrylonitrile	41	2.989	2.991	(0.720)	278921	199.728	200	
	32 Bromochloromethane	49	3.037	3.039	(0.731)	114289	44.5008	44.5	
	33 Tetrahydrofuran	42	3.059	3.060	(0.736)	25122	40.4423	40.4	
	34 Chloroform	83	3.144	3.146	(0.757)	307772	46.6300	46.6	
$	35 Dibromofluoromethane (S)	113	3.320	3.322	(0.799)	162033	48.3808	48.4	
	36 1,1,1-Trichloroethane	97	3.326	3.322	(0.801)	291422	44.6841	44.7	
	37 Cyclohexane	56	3.406	3.408	(0.820)	347025	45.8708	45.9	
	38 n-Butyl chloride	56	3.470	3.472	(0.835)	423131	45.0455	45.0	
	39 Carbon Tetrachloride	117	3.507	3.504	(0.844)	256640	46.0258	46.0	
	40 1,1-Dichloropropene	75	3.513	3.514	(0.846)	273336	47.8687	47.9	
	41 Benzene	78	3.753	3.749	(0.904)	719841	47.4919	47.5	
	42 1,2-Dichloroethane	62	3.838	3.835	(0.924)	191879	46.3397	46.3	
	43 2,2,4-Trimethylpentane	57	3.935	3.931	(0.947)	799738	49.5803	49.6	
	44 Isobutyl alcohol	43	3.865	3.862	(0.931)	1172162	63.9490	63.9	
*	45 Fluorobenzene (IS)	96	4.154	4.155	(1.000)	678297	50.0000		
	46 Trichloroethene	95	4.608	4.604	(1.109)	181929	46.1943	46.2	
	47 Methylcyclohexane	55	4.875	4.876	(1.174)	284852	47.6570	47.6	
	48 1,2-Dichloropropane	63	4.912	4.908	(1.183)	169664	46.7661	46.8	
	49 Dibromomethane	93	5.008	5.010	(1.206)	72291	46.2315	46.2	
	50 1,4-Dioxane	88	5.014	5.015	(1.207)	12164	863.305	863	
	51 Methyl methacrylate	69	5.030	5.026	(1.211)	81196	47.5375	47.5	
	52 Bromodichloromethane	83	5.233	5.234	(1.260)	211328	46.3213	46.3	
	53 2-Chloroethyl vinyl ether	63	5.590	5.587	(0.762)	41225	51.1070	51.1	
	54 cis-1,3-Dichloropropene	75	5.735	5.731	(0.782)	254572	48.3342	48.3	
	55 4-Methyl-2-Pentanone	43	5.905	5.907	(0.805)	469901	244.446	244	
$	56 Toluene-d8 (S)	98	6.007	6.009	(0.819)	601701	49.9952	50.0	
	57 Toluene	91	6.082	6.083	(0.829)	699317	46.1821	46.2	
	58 trans-1,3-Dichloropropene	75	6.370	6.367	(0.868)	209207	50.0805	50.1	
	59 Ethyl Methacrylate	69	6.456	6.452	(0.880)	610515	191.668	192	
	60 1,1,2-Trichloroethane	83	6.552	6.553	(0.893)	92404	48.0051	48.0	
	61 Tetrachloroethene	166	6.605	6.607	(0.900)	176429	45.6514	45.6	
	62 1,3-Dichloropropane	76	6.696	6.692	(0.913)	193825	51.3183	51.3	
	63 2-Hexanone	43	6.765	6.762	(0.922)	296048	258.443	258	
	64 Dibromochloromethane	129	6.883	6.879	(0.938)	132150	49.2018	49.2	
	65 1,2-Dibromoethane	107	6.963	6.965	(0.949)	98551	48.5121	48.5	
*	66 Chlorobenzene-D5 (IS)	117	7.337	7.333	(1.000)	401147	50.0000		
	67 Chlorobenzene	112	7.358	7.360	(1.003)	386596	48.4452	48.4	
	68 1,1,1,2-Tetrachloroethane	131	7.433	7.435	(1.013)	147983	49.8805	49.9	
	69 Ethylbenzene	106	7.438	7.440	(1.014)	235745	45.3056	45.3	
	70 m&p-Xylene	106	7.540	7.542	(1.028)	549367	91.8848	91.9	
	71 o-Xylene	106	7.802	7.798	(1.063)	251378	46.7893	46.8	
	72 Styrene	104	7.818	7.814	(1.065)	406096	42.8377	42.8	
	73 Bromoform	173	7.935	7.937	(0.898)	62861	49.2521	49.2	
	74 Isopropylbenzene	105	8.047	8.044	(1.097)	654136	47.1389	47.1	
$	75 4-Bromofluorobenzene (S)	95	8.154	8.156	(1.111)	171693	52.0266	52.0	
	76 Bromobenzene	77	8.234	8.236	(1.122)	204977	48.0389	48.0	
	77 1,1,2,2-Tetrachloroethane	83	8.250	8.247	(0.934)	92742	47.8415	47.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.266	8.268	(1.127)	90950	195.935	196(Q)	
79	1,2,3-Trichloropropane	110	8.277	8.279	(0.937)	29467	51.2412	51.2(Q)	
80	n-Propylbenzene	91	8.304	8.305	(0.940)	696514	47.6994	47.7	
81	2-Chlorotoluene	91	8.357	8.353	(0.946)	387123	46.4651	46.5	
82	1,3,5-Trimethylbenzene	105	8.416	8.412	(0.953)	457723	46.3417	46.3	
83	4-Chlorotoluene	126	8.426	8.428	(0.954)	130225	50.1950	50.2	
84	tert-Butylbenzene	119	8.597	8.594	(0.973)	402869	35.9635	36.0	
85	1,2,4-Trimethylbenzene	105	8.629	8.631	(0.977)	434036	46.1933	46.2	
86	sec-Butylbenzene	105	8.720	8.722	(0.987)	581112	46.7395	46.7	
87	1,3-Dichlorobenzene	146	8.790	8.791	(0.995)	208182	47.1131	47.1	
88	p-Isopropyltoluene	119	8.806	8.807	(0.997)	449777	45.4645	45.5	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.834	(1.000)	134619	50.0000		
90	1,4-Dichlorobenzene	146	8.848	8.845	(1.002)	204461	46.8276	46.8	
91	n-Butylbenzene	91	9.025	9.026	(1.022)	378168	44.3300	44.3	
92	1,2-Dichlorobenzene	146	9.035	9.037	(1.023)	177181	48.3201	48.3	
93	1,2,4-Trichlorobenzene	180	9.858	9.854	(1.116)	116956	46.1870	46.2	
94	1,2-Dibromo-3-chloropropane	155	9.447	9.448	(1.070)	10241	44.8654	44.9	
95	Hexachlorobutadiene	225	9.922	9.918	(1.123)	77305	45.9635	46.0	
96	Naphthalene	128	9.997	9.993	(1.132)	231306	44.8305	44.8	
97	1,2,3-Trichlorobenzene	180	10.109	10.111	(1.145)	107399	45.9402	45.9	
98	2,methyl-naphthalene	142	10.627	10.623	(1.203)	156244	48.1425	48.1	
99	1-Methylnaphthalene	142	10.744	10.741	(1.216)	132831	50.2513	50.2	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d
Date : 23-AUG-2017 17:20
Client ID: 8260-ICV
Instrument: 50mv3a.i
Sample Info: 8260-ICV,156501:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

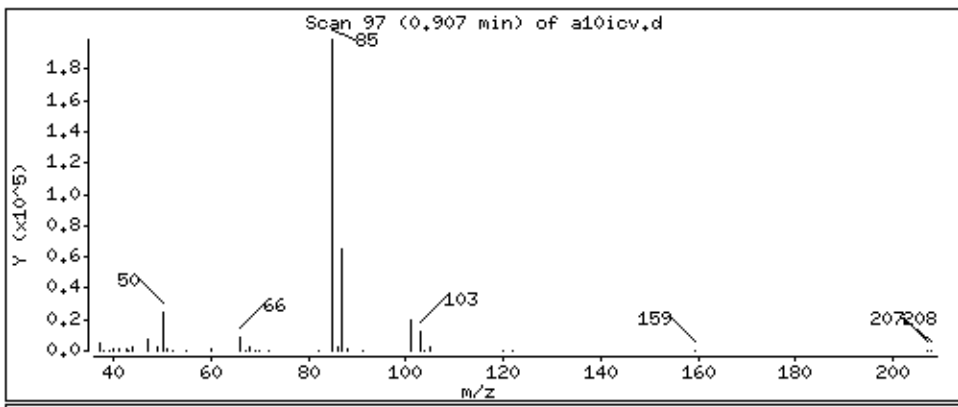
Column phase: DB-624

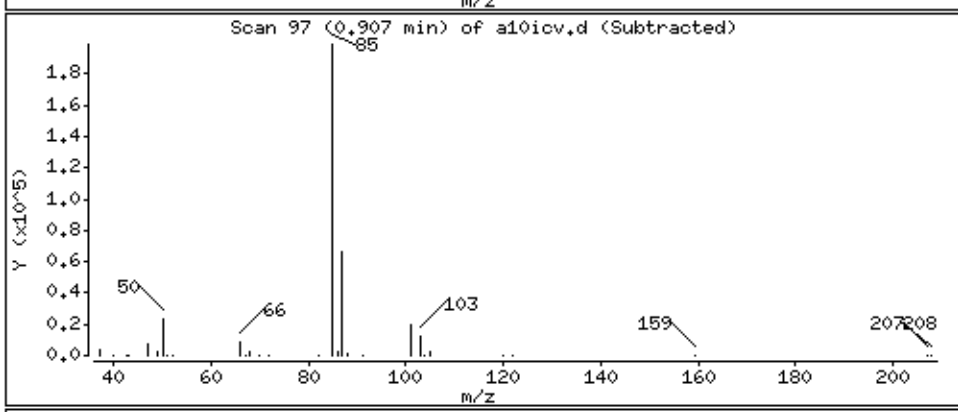
Column diameter: 0.18

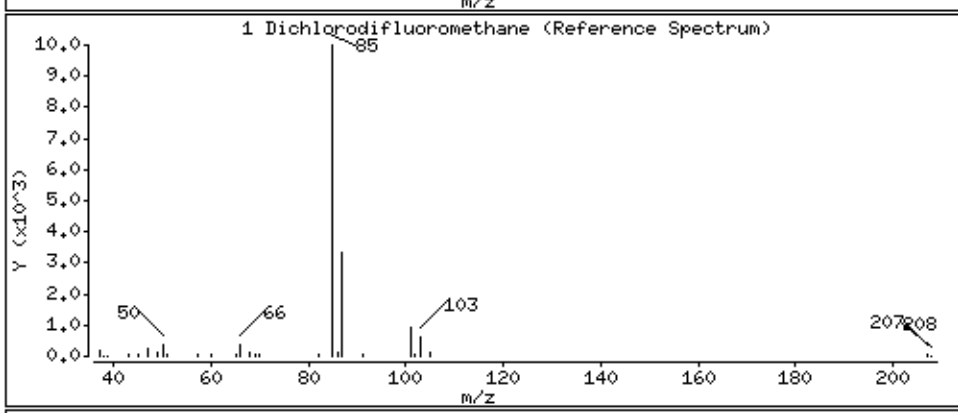
1 Dichlorodifluoromethane

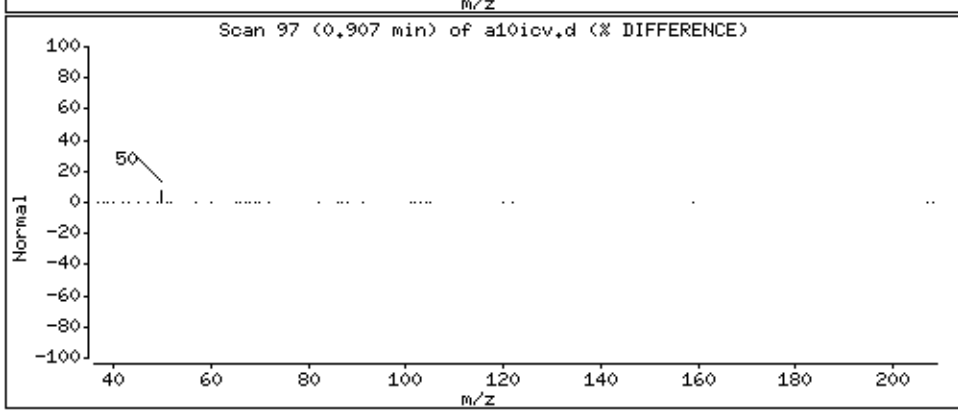
Concentration: 60.1 ppb

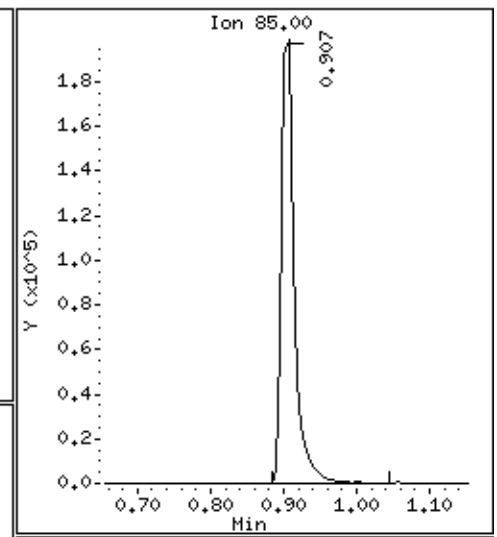
Review Code:

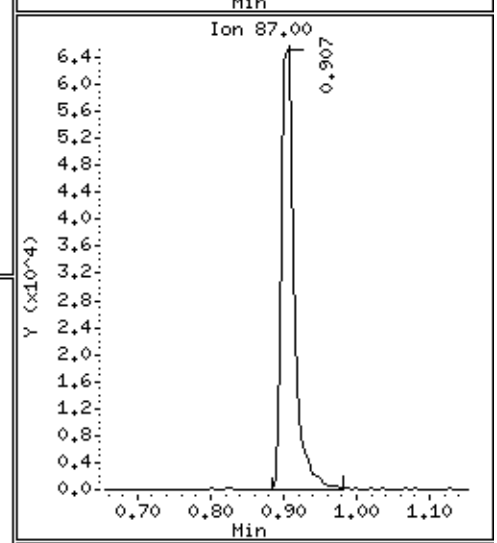


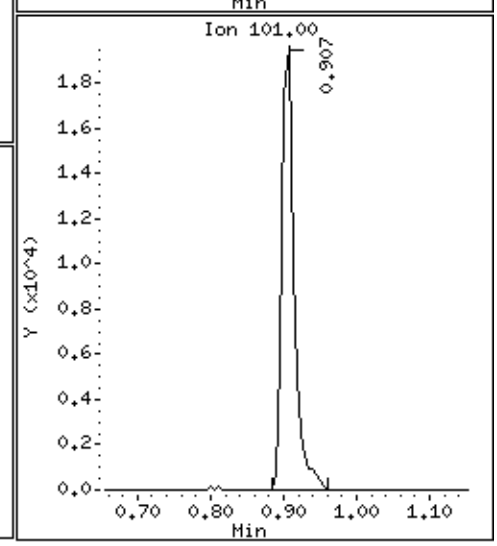












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Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

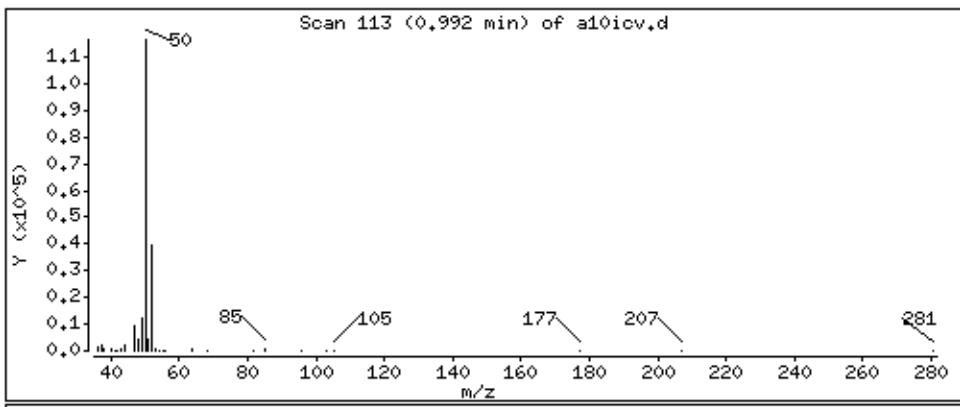
Column phase: DB-624

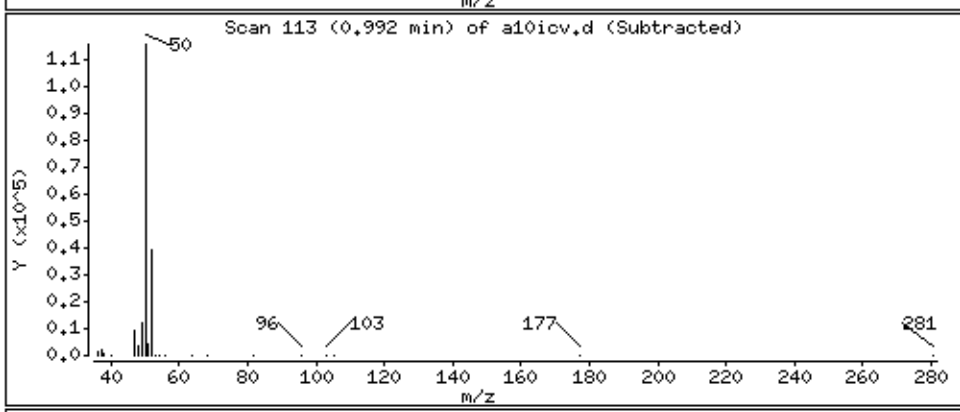
Column diameter: 0.18

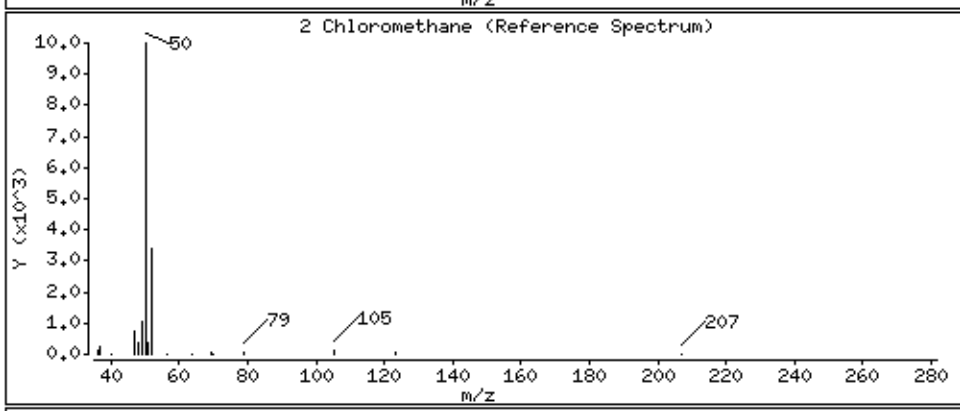
2 Chloromethane

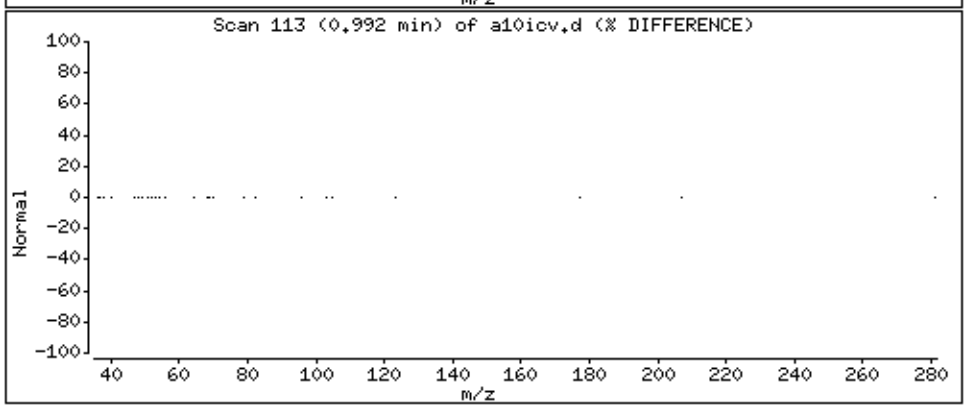
Concentration: 51.0 ppb

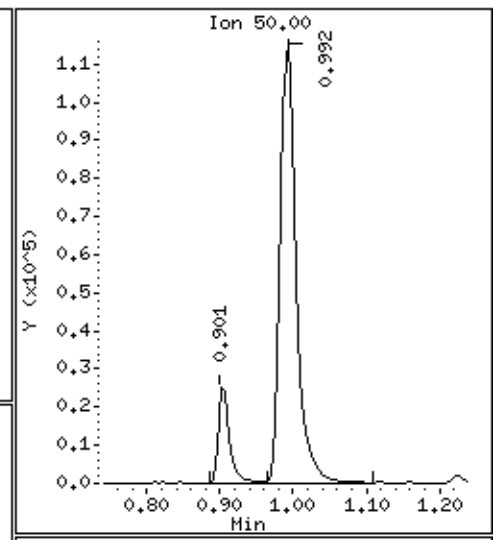
Review Code:

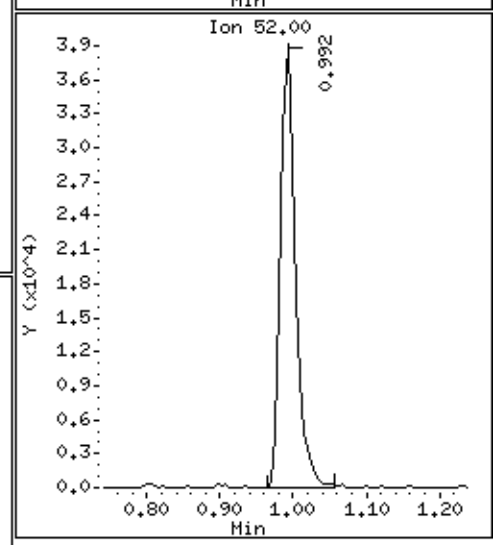












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Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

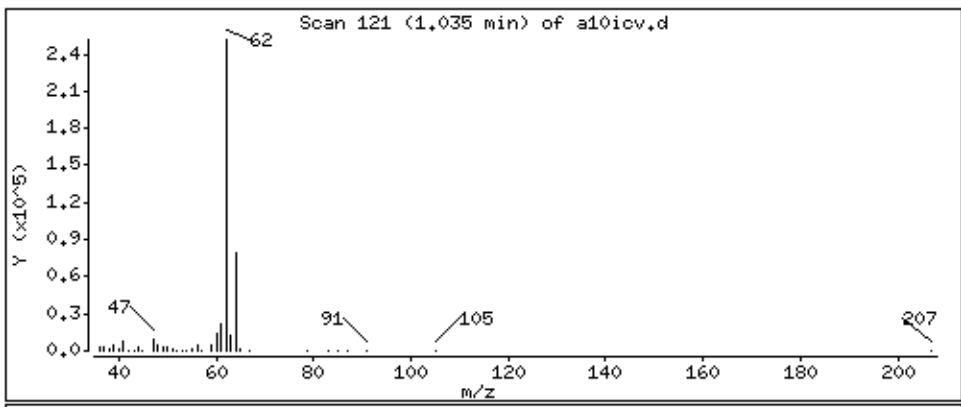
Column phase: DB-624

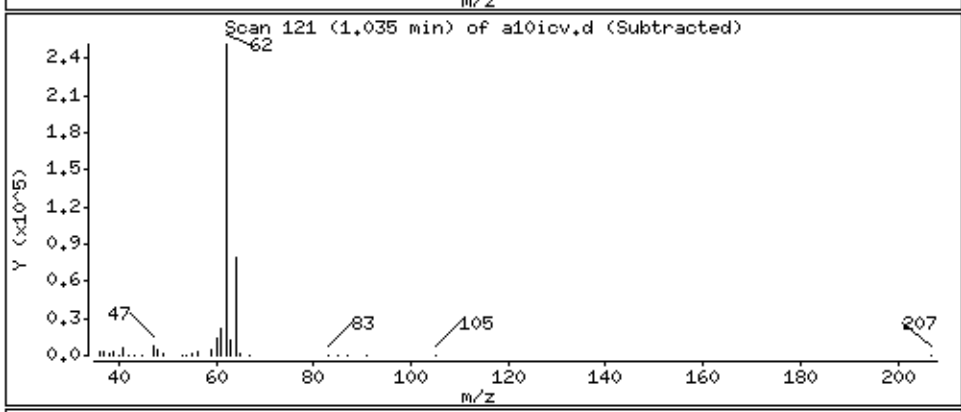
Column diameter: 0.18

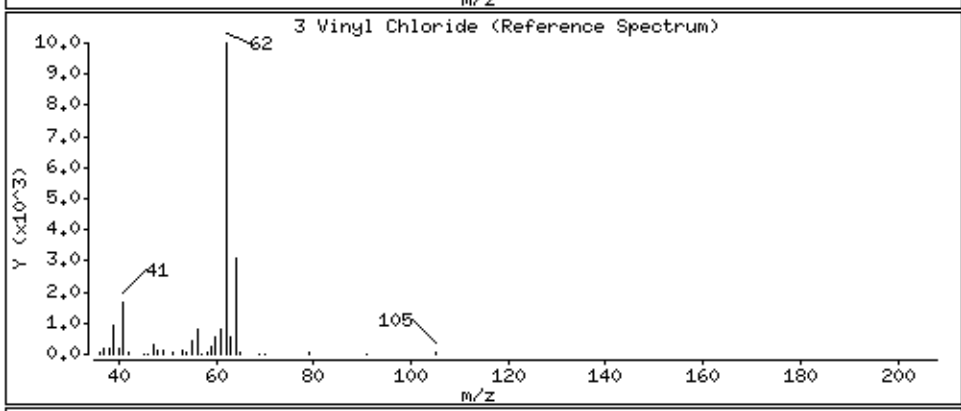
3 Vinyl Chloride

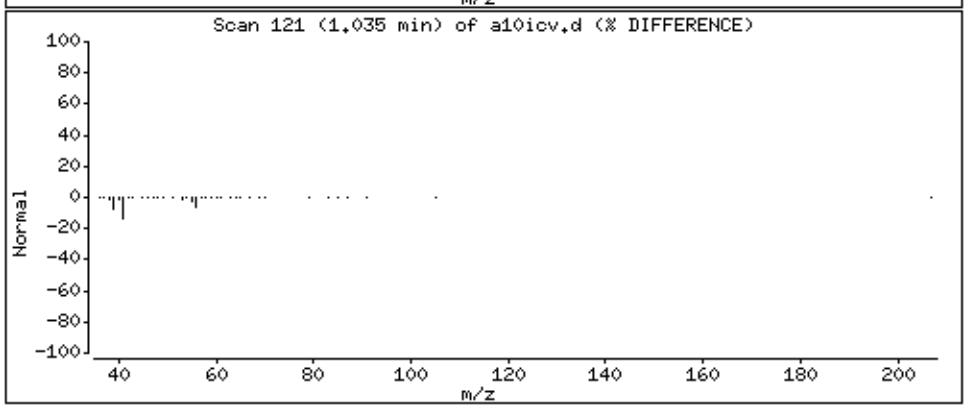
Concentration: 53.7 ppb

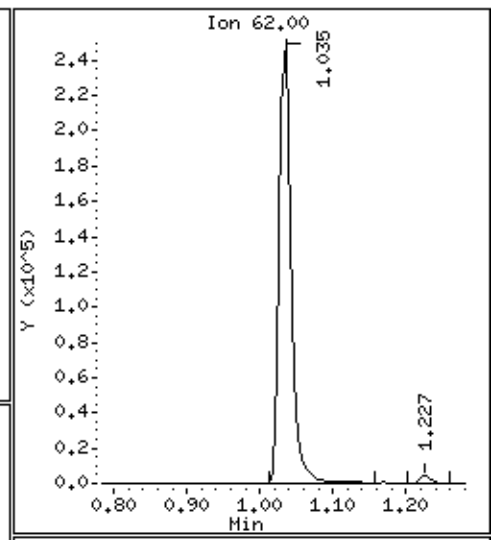
Review Code:

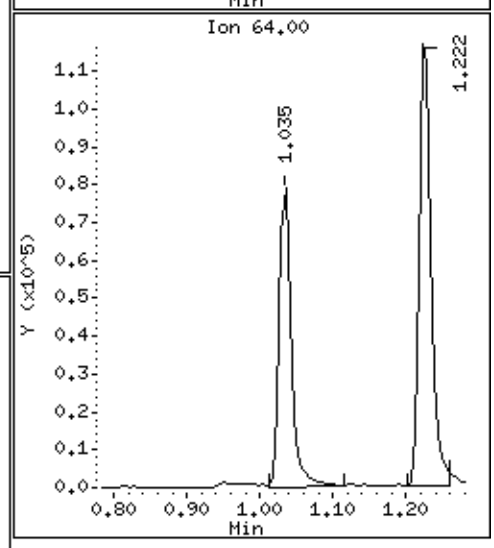












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

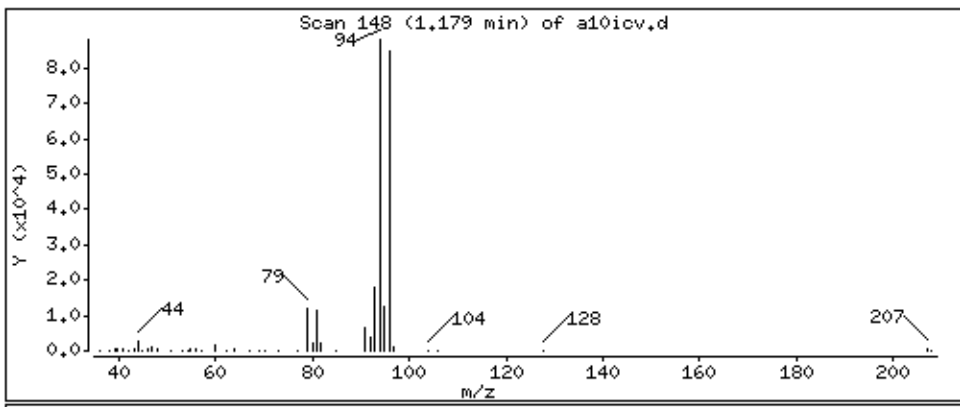
Column phase: DB-624

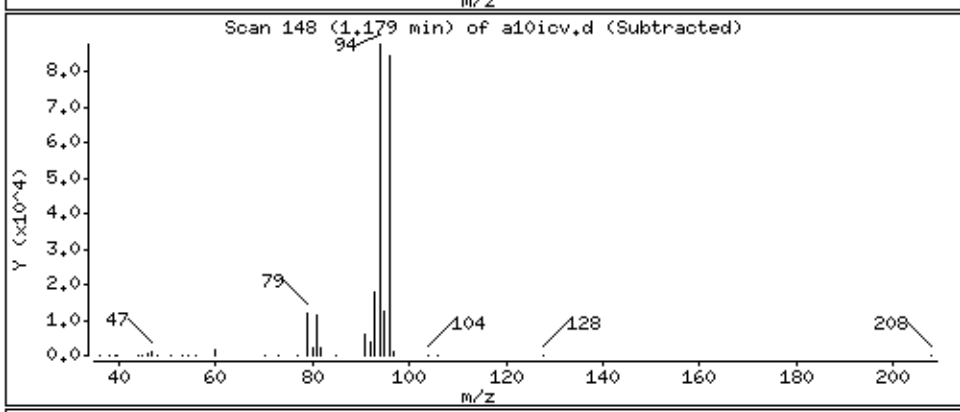
Column diameter: 0.18

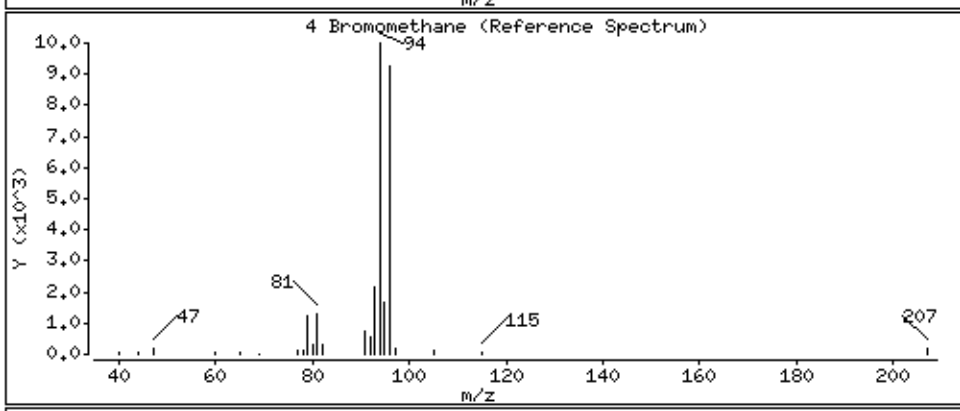
4 Bromomethane

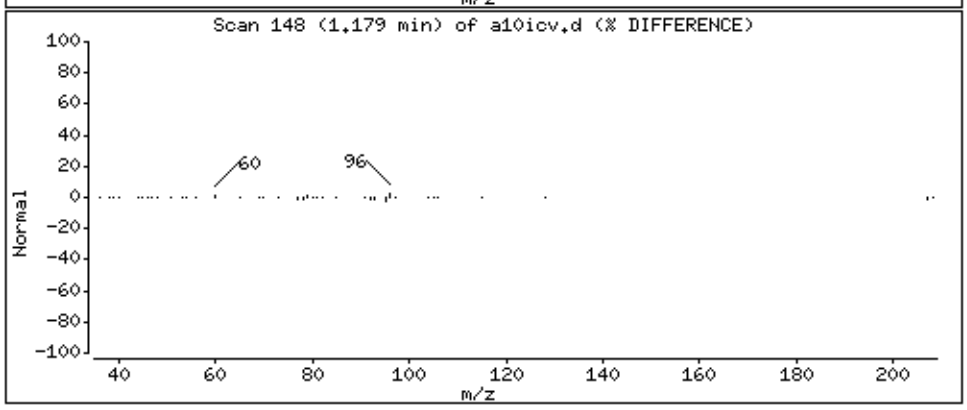
Concentration: 56.4 ppb

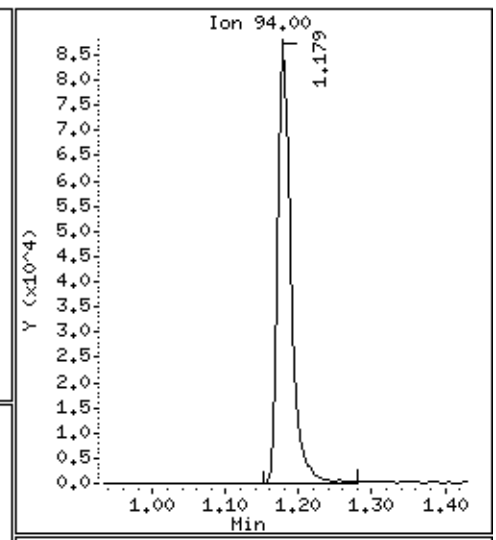
Review Code:

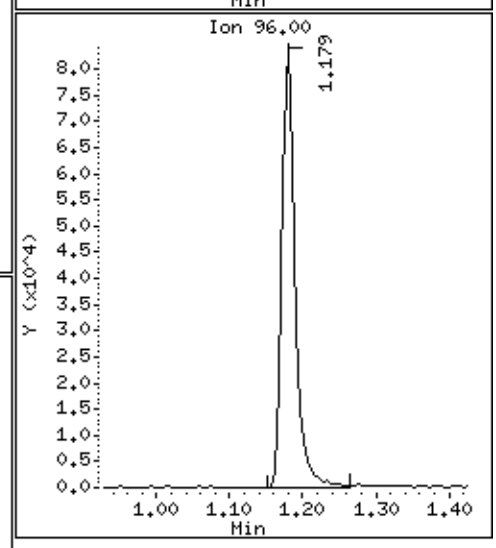












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

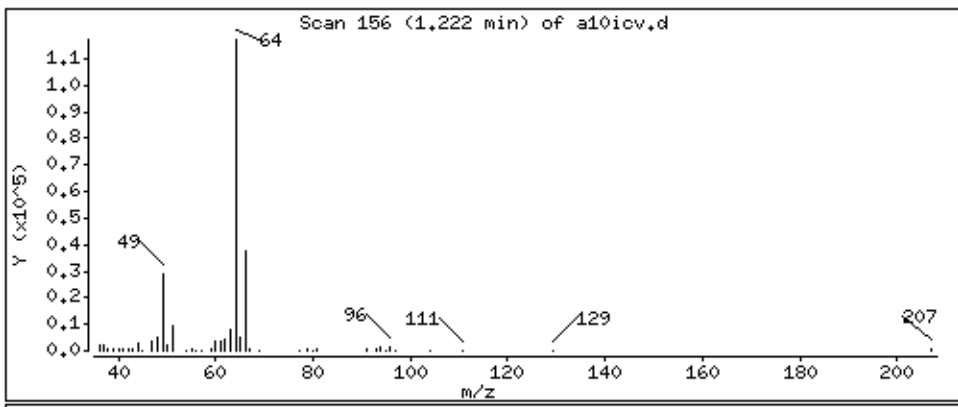
Column phase: DB-624

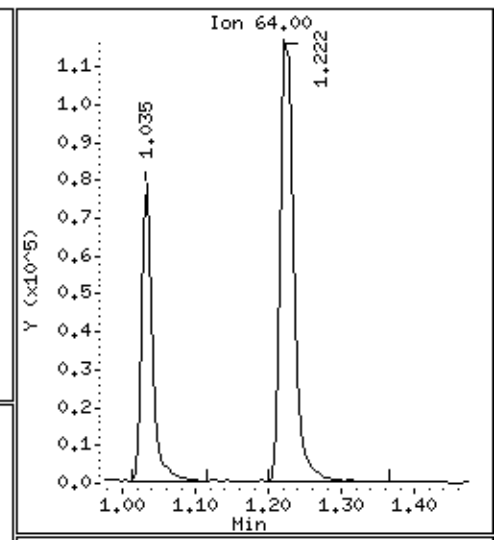
Column diameter: 0.18

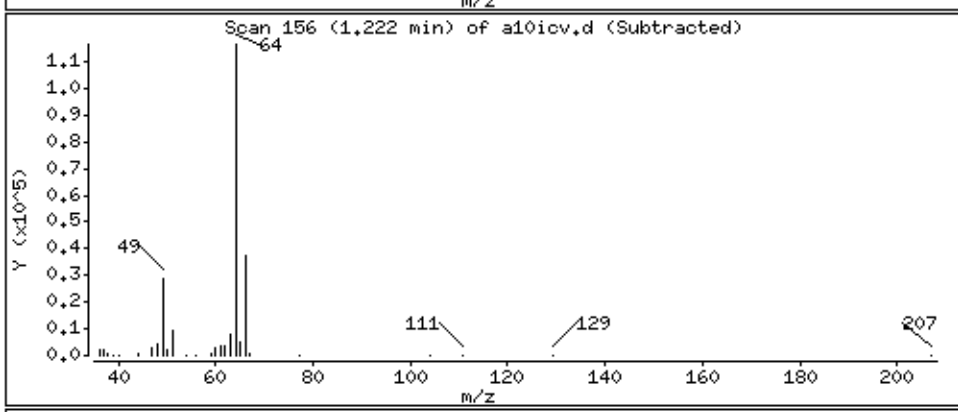
5 Chloroethane

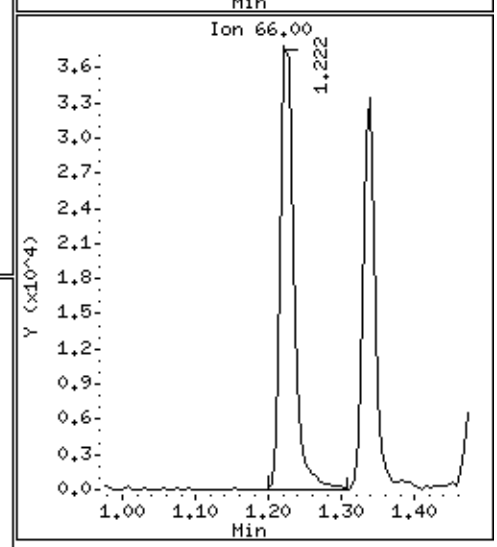
Concentration: 49.2 ppb

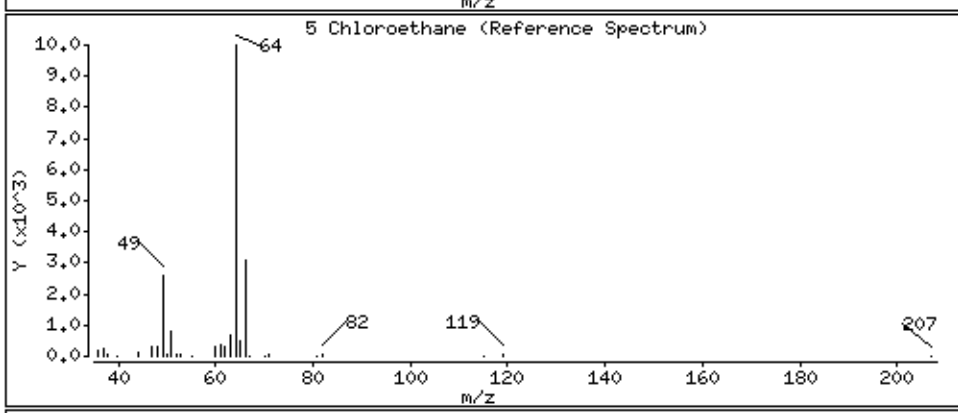
Review Code:

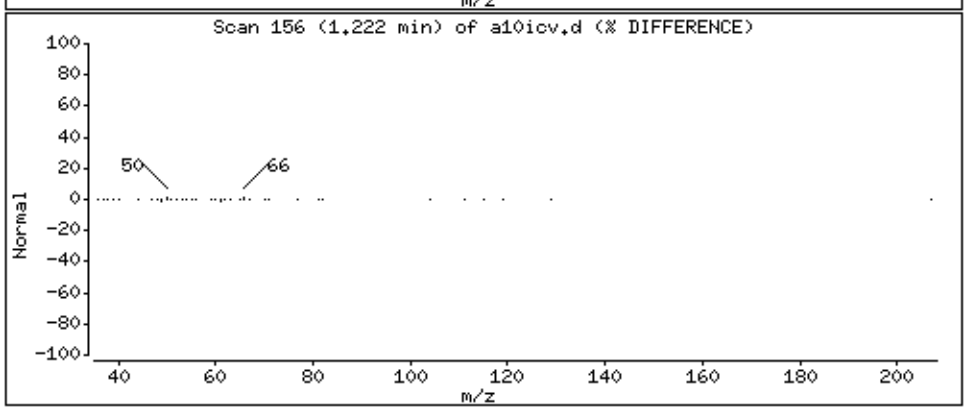












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

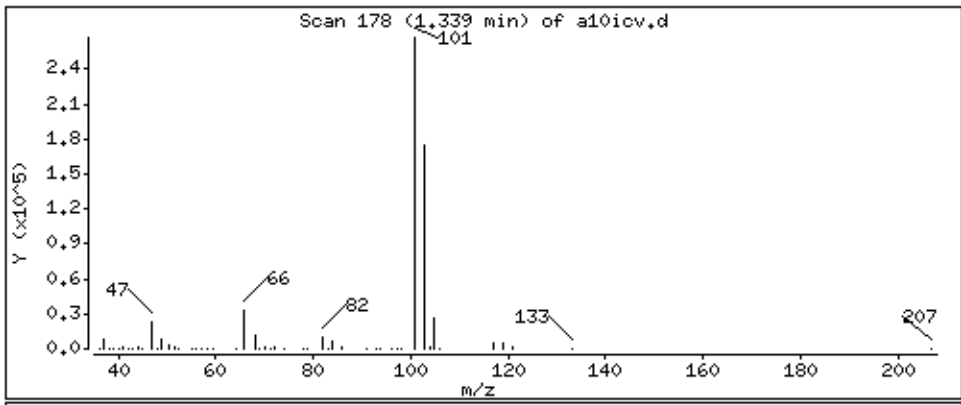
Column phase: DB-624

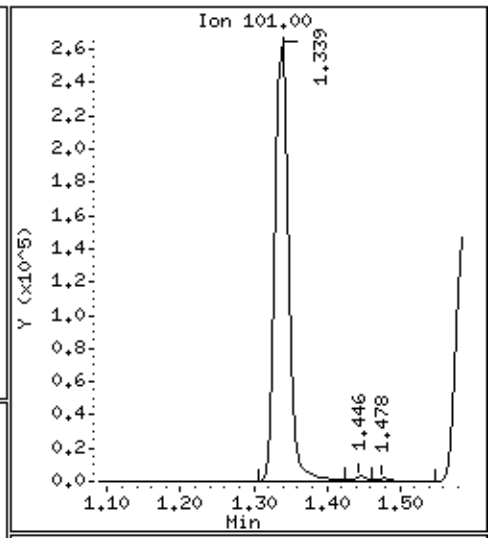
Column diameter: 0.18

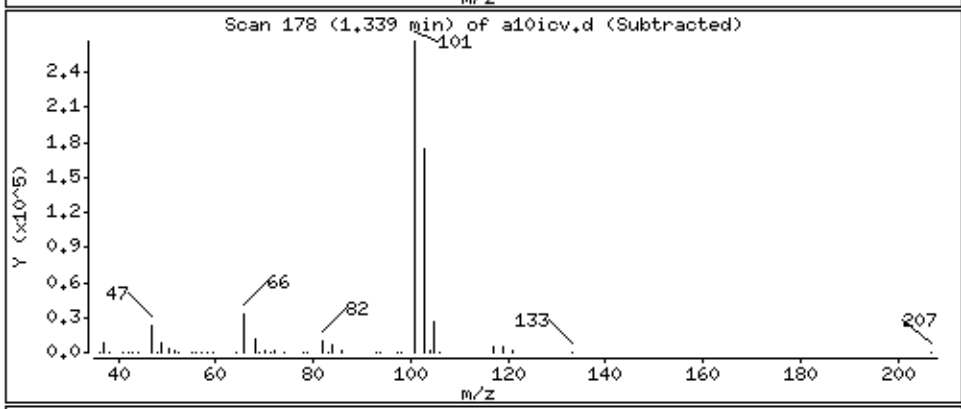
6 Trichlorofluoromethane

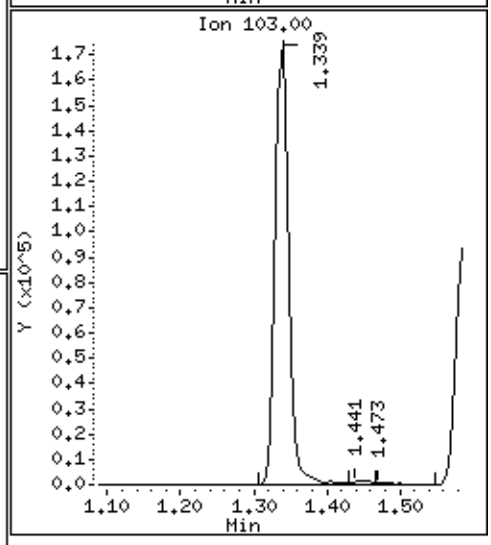
Concentration: 54.0 ppb

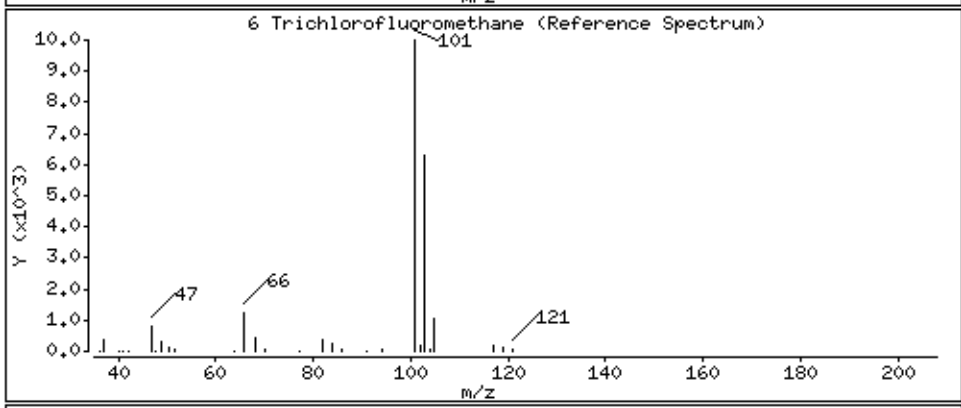
Review Code:

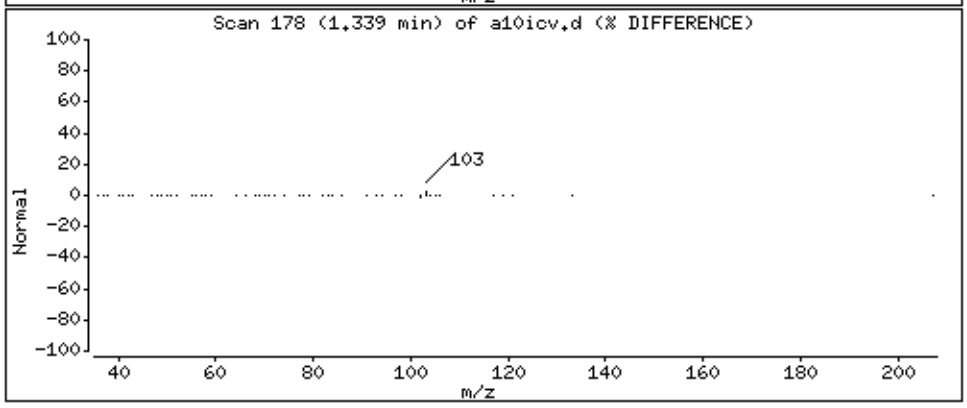












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

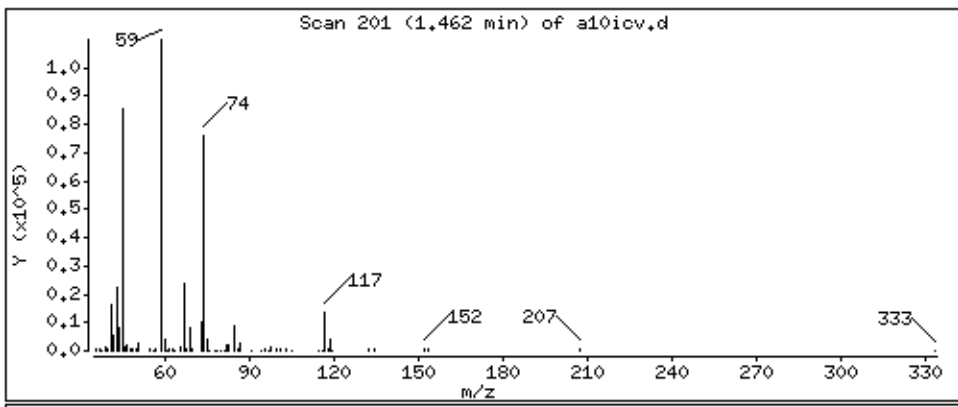
Column phase: DB-624

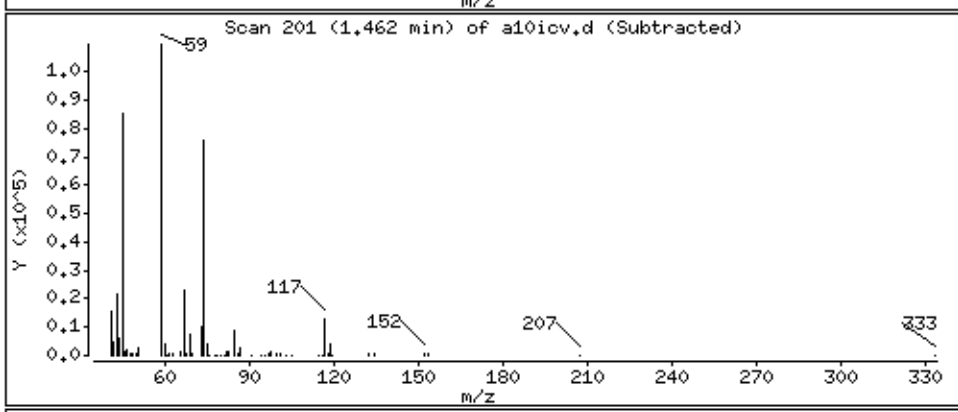
Column diameter: 0.18

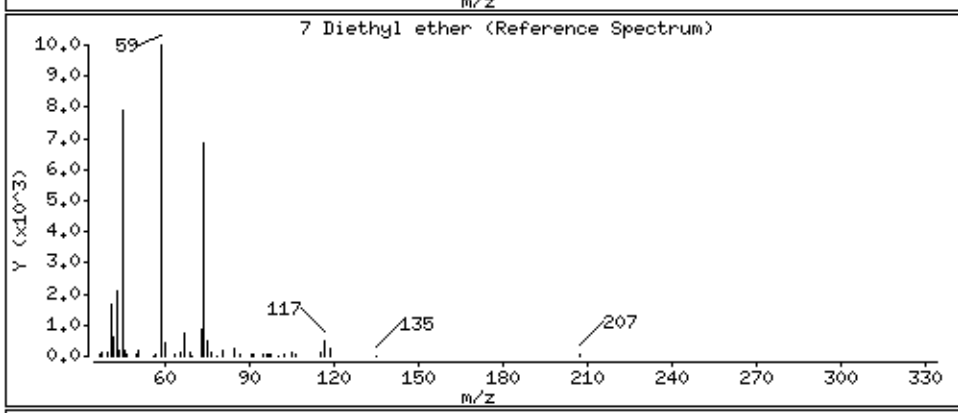
7 Diethyl ether

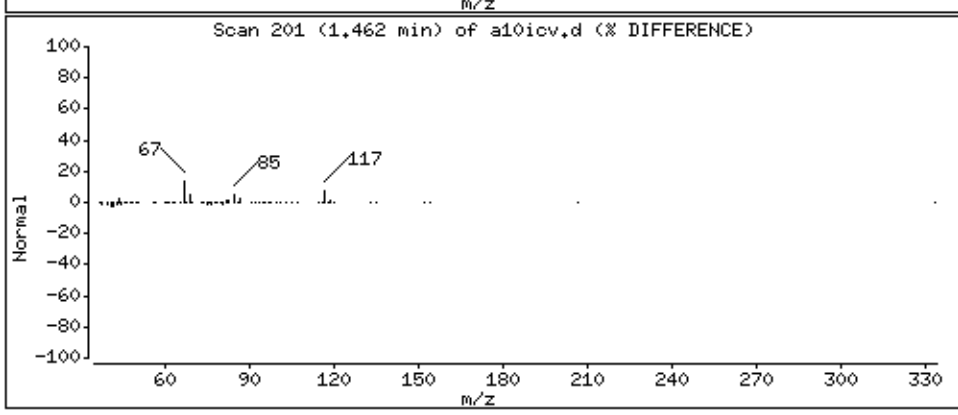
Concentration: 45.5 ppb

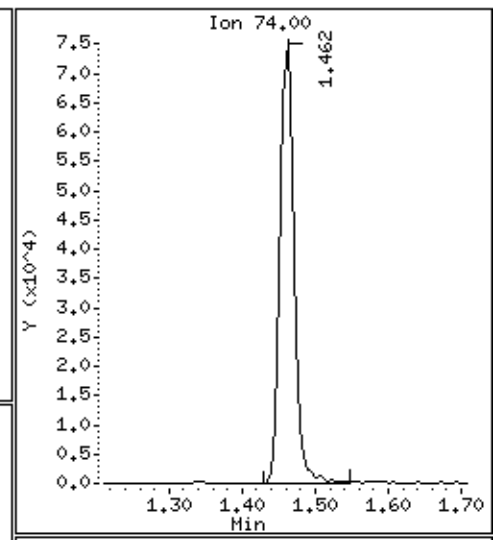
Review Code:

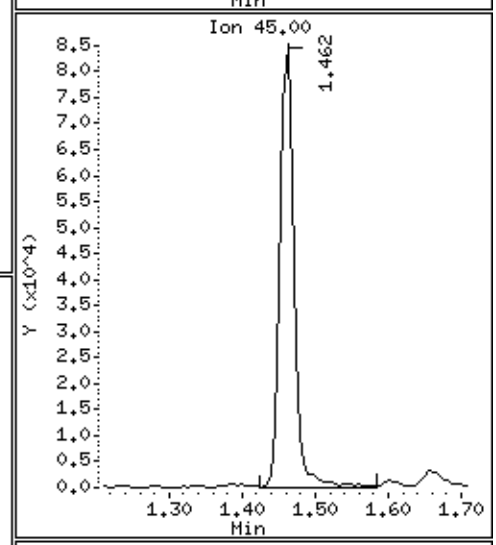


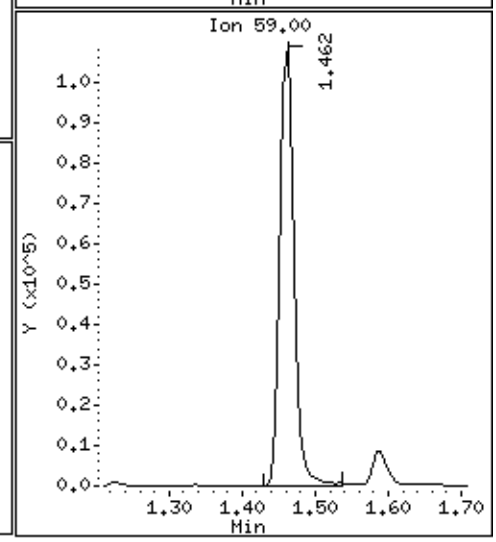












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

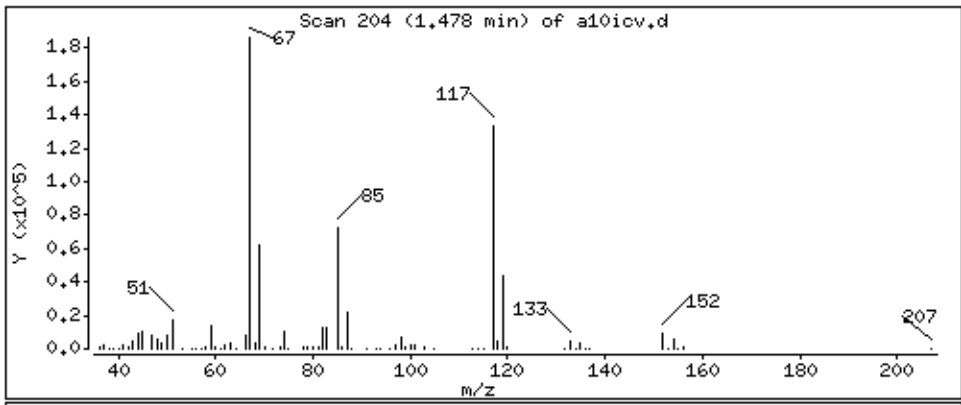
Column phase: DB-624

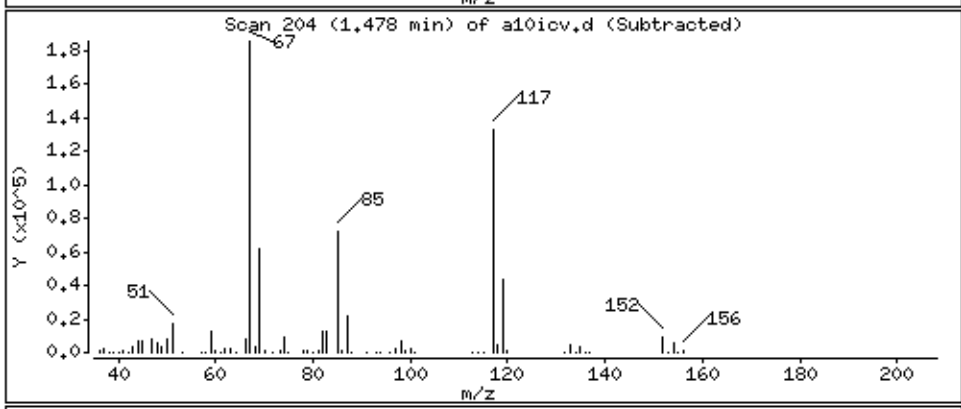
Column diameter: 0.18

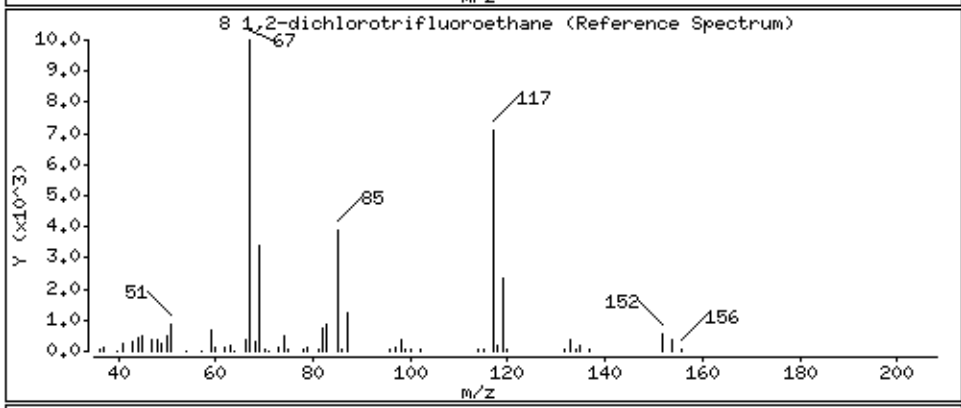
8 1,2-dichlorotrifluoroethane

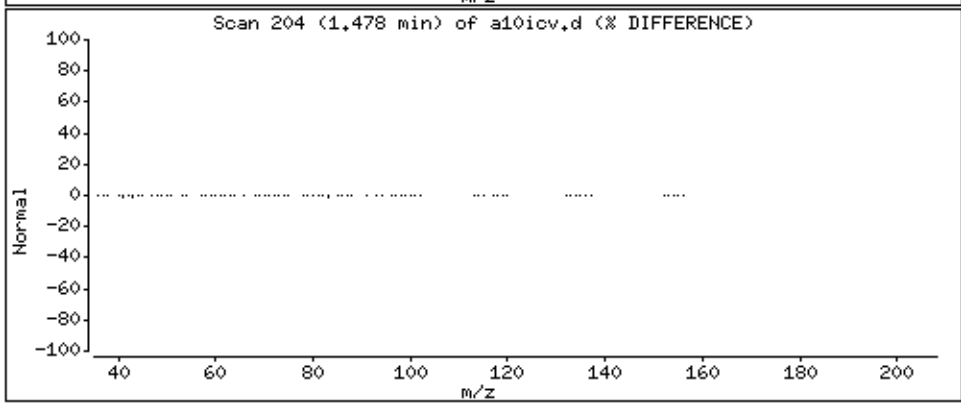
Concentration: 44.2 ppb

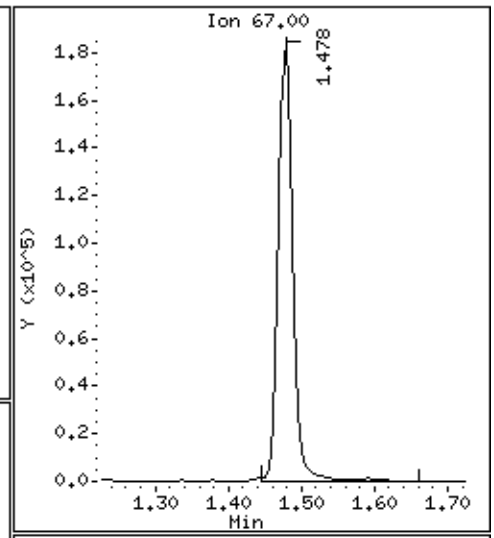
Review Code:

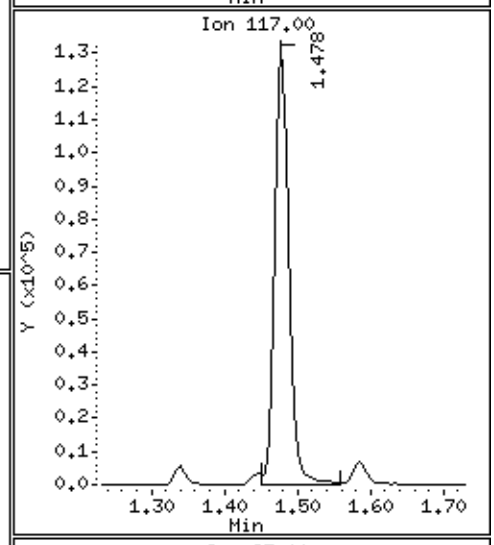


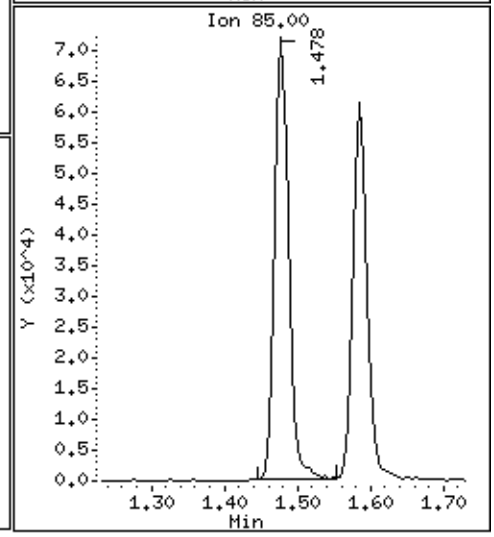












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

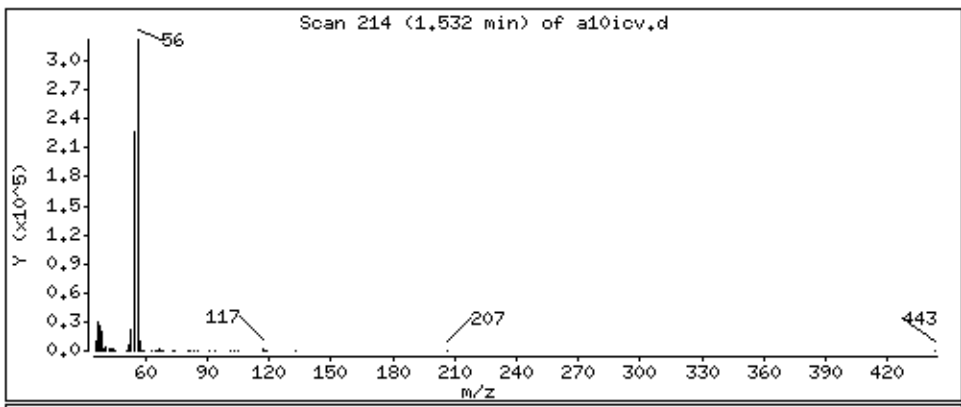
Column phase: DB-624

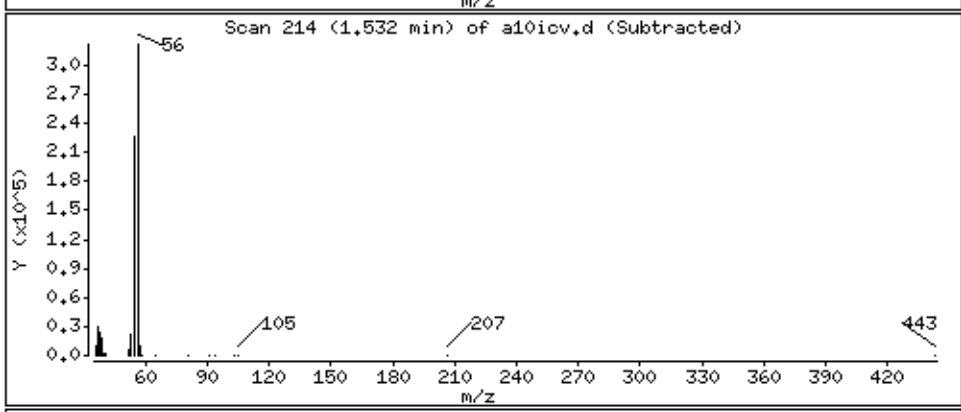
Column diameter: 0.18

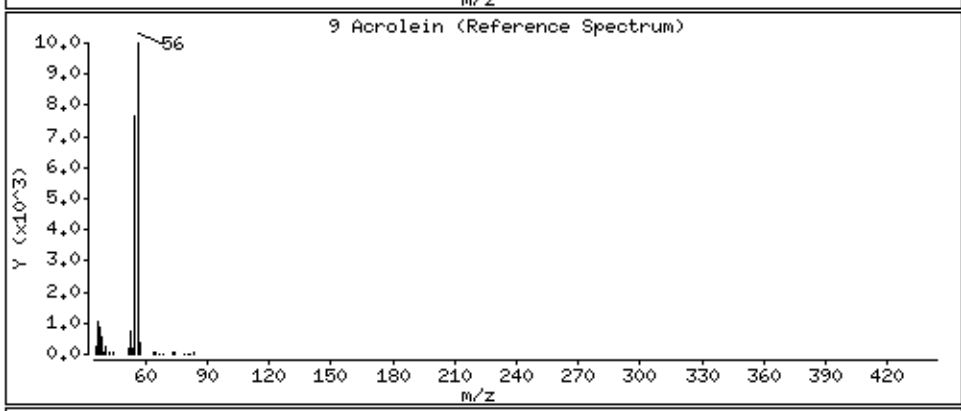
9 Acrolein

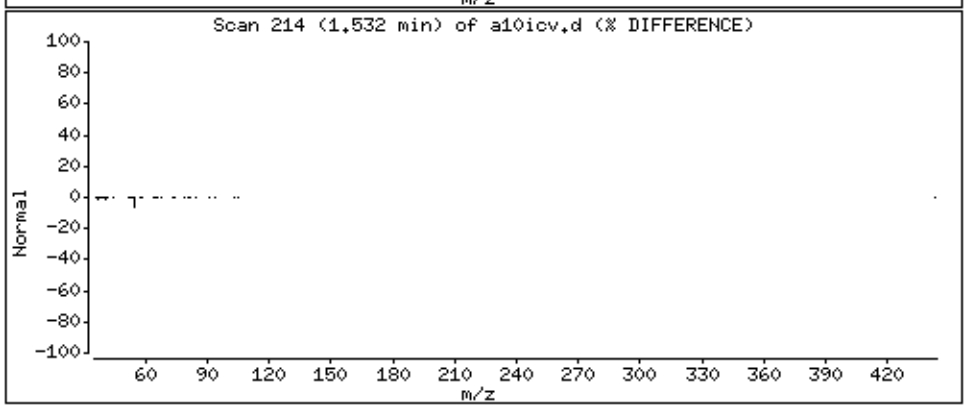
Concentration: 1430 ppb

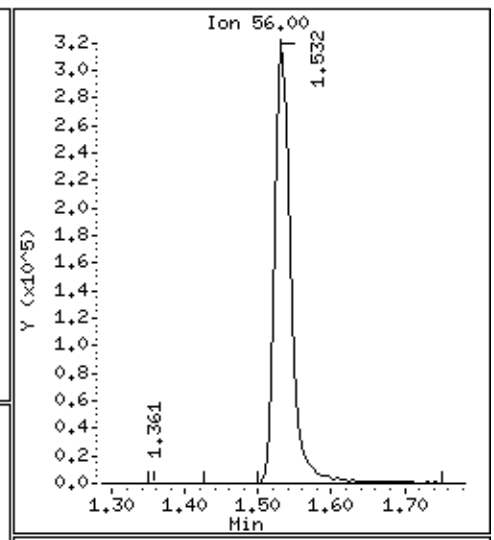
Review Code:

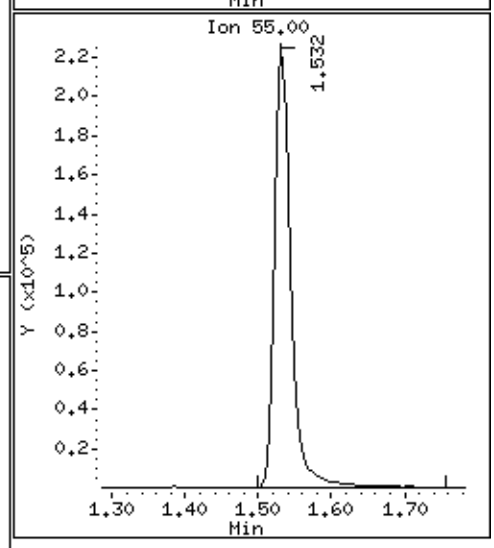












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

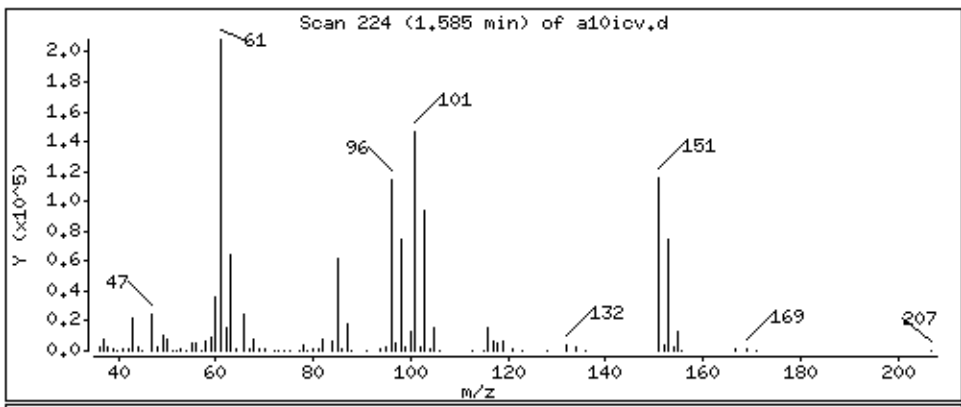
Column phase: DB-624

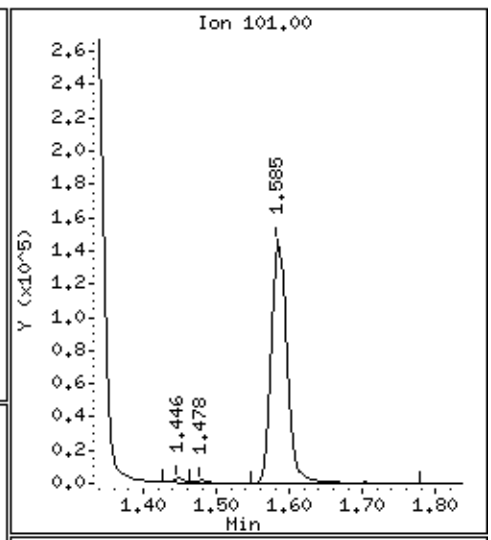
Column diameter: 0.18

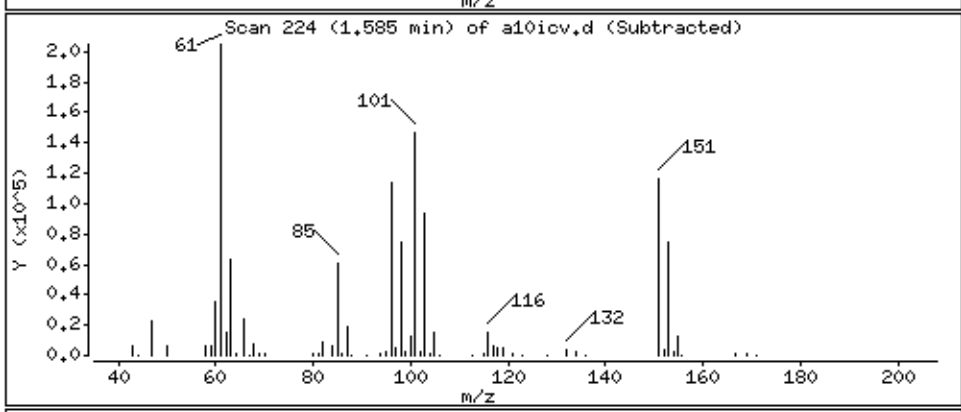
10 1,1,2trichlorotrifluoroethane

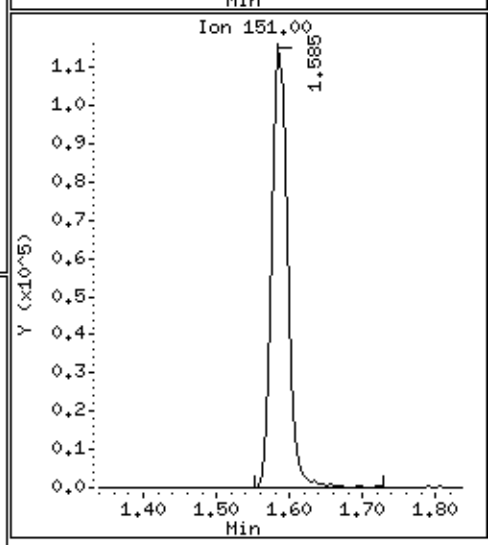
Concentration: 45.7 ppb

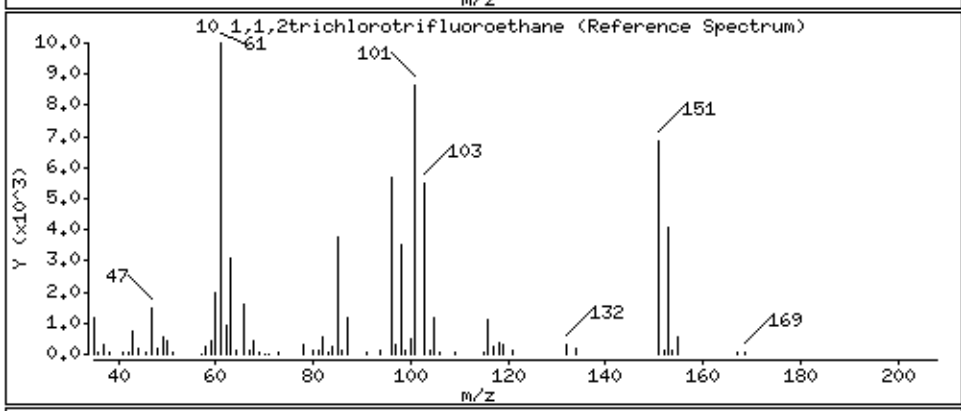
Review Code:

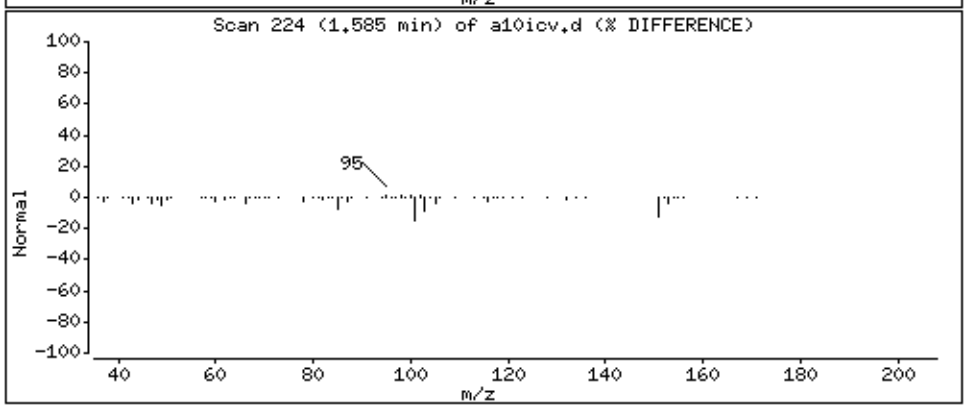












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

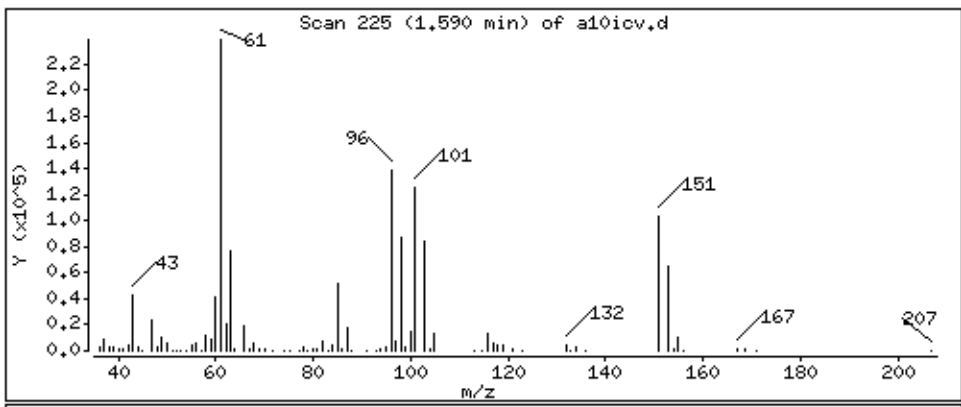
Column phase: DB-624

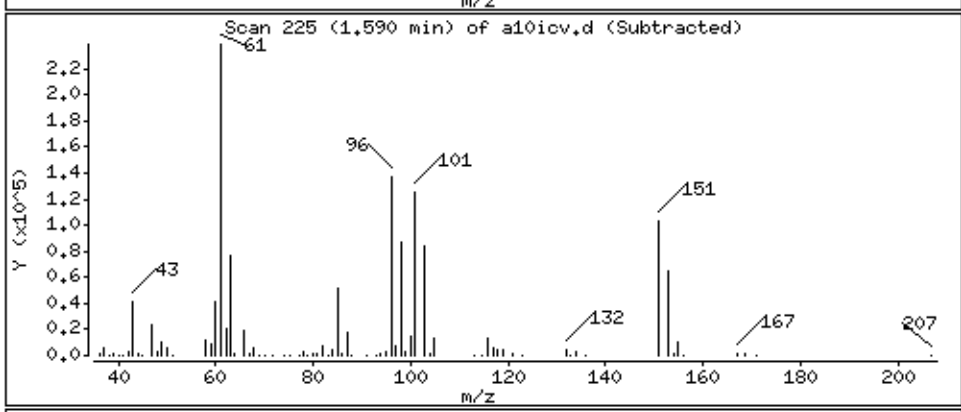
Column diameter: 0.18

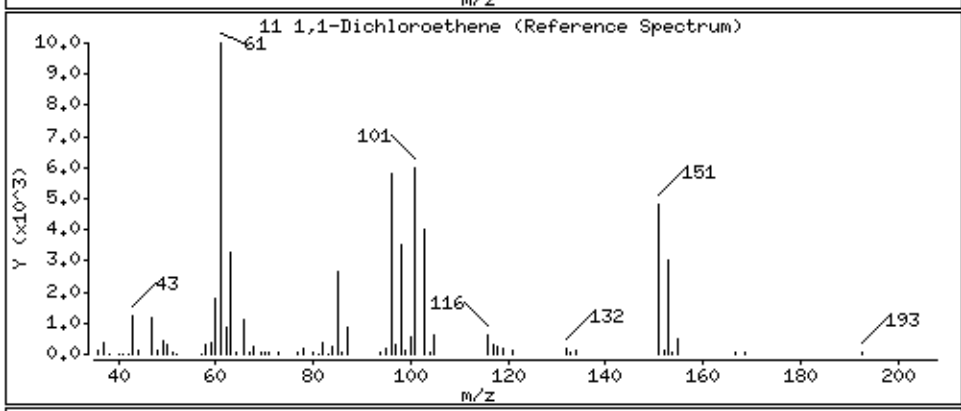
11 1,1-Dichloroethene

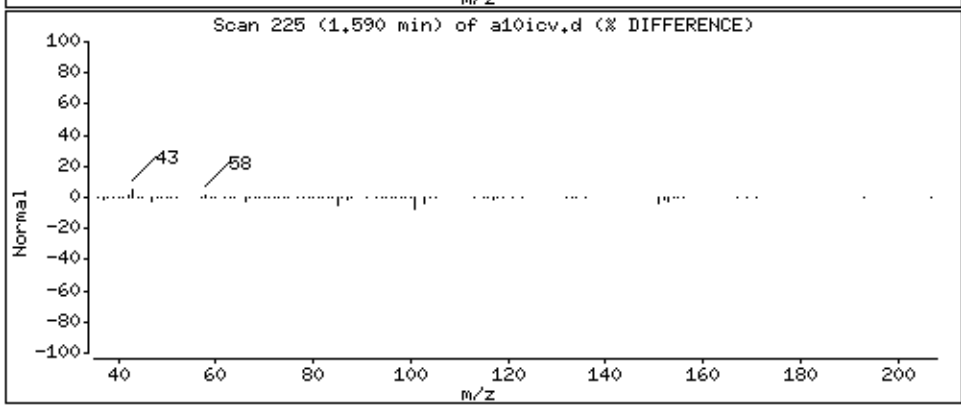
Concentration: 45.0 ppb

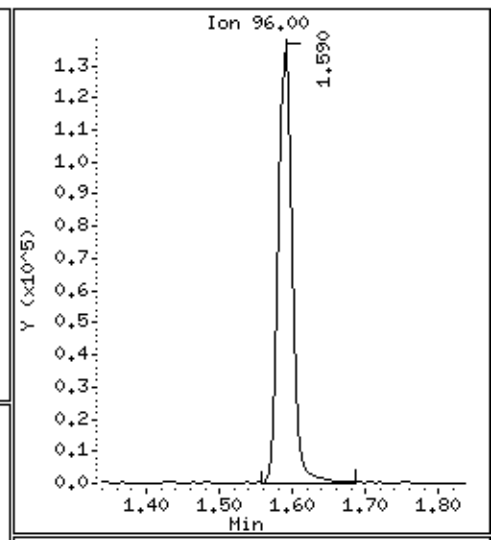
Review Code:

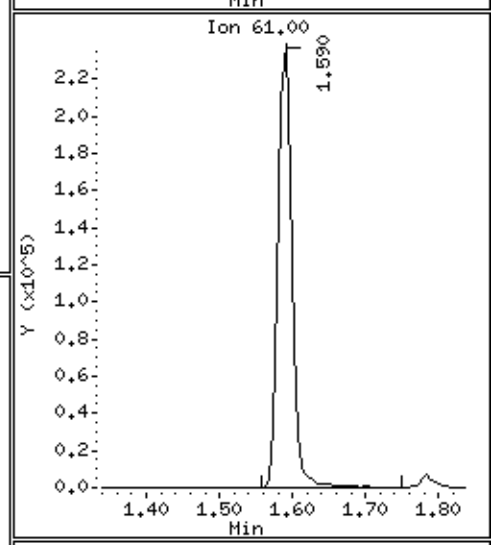


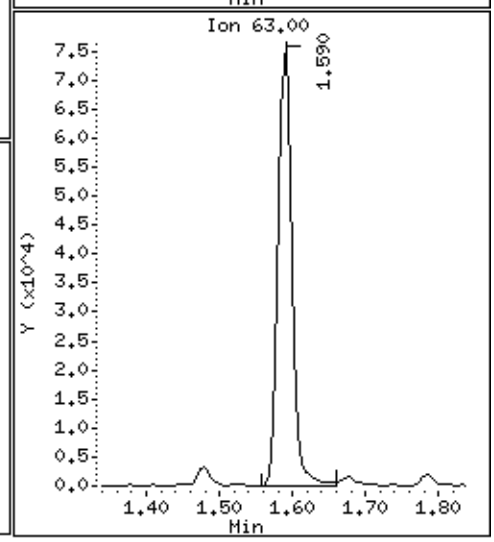












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

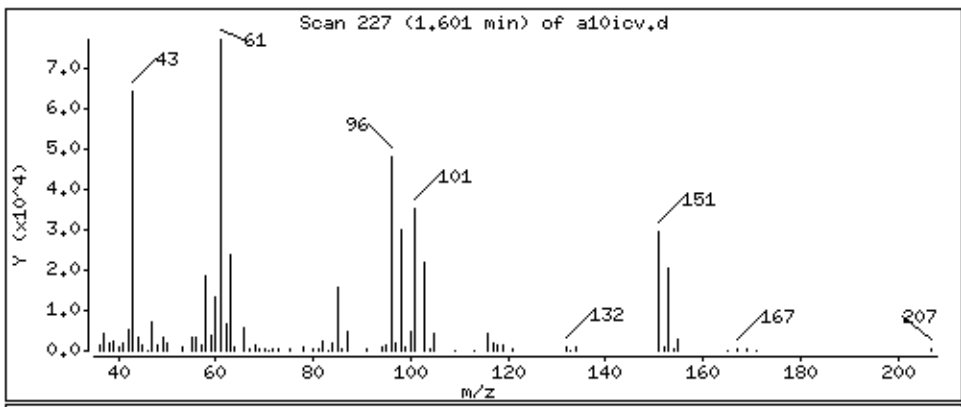
Column phase: DB-624

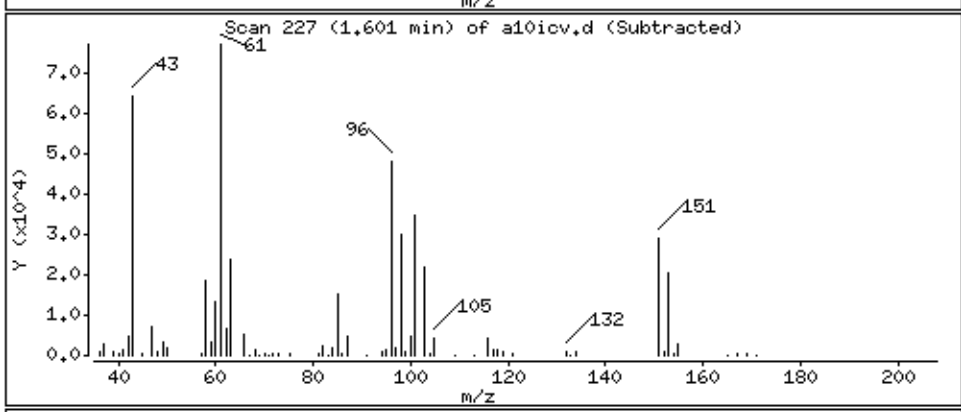
Column diameter: 0.18

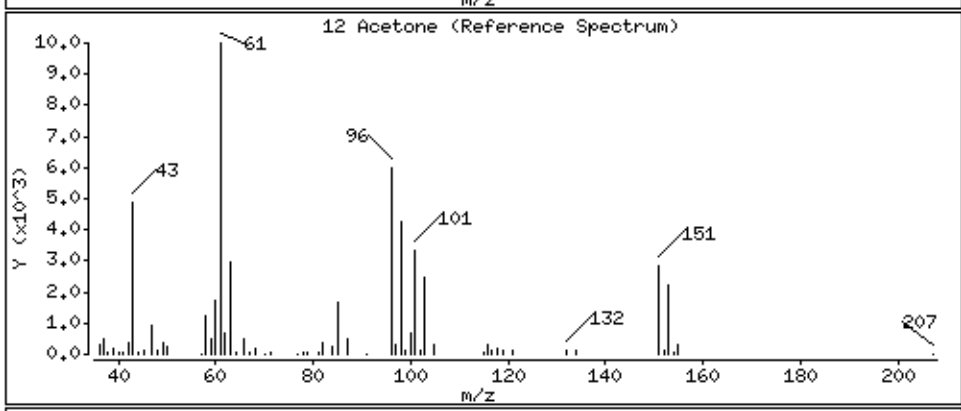
12 Acetone

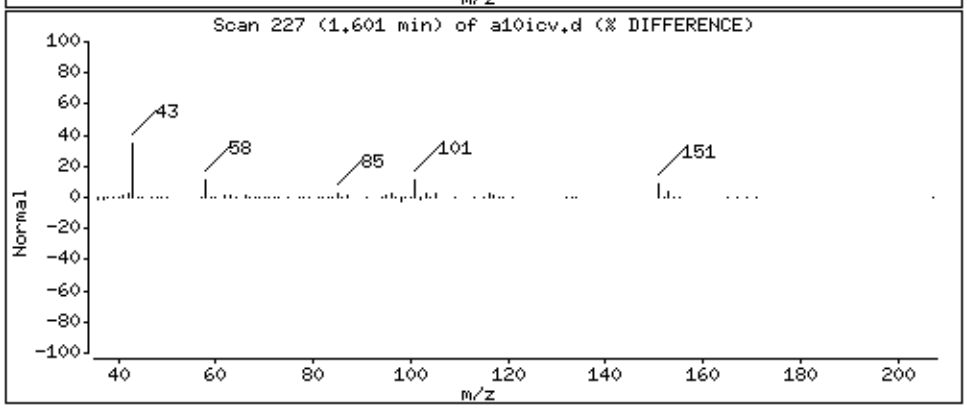
Concentration: 256 ppb

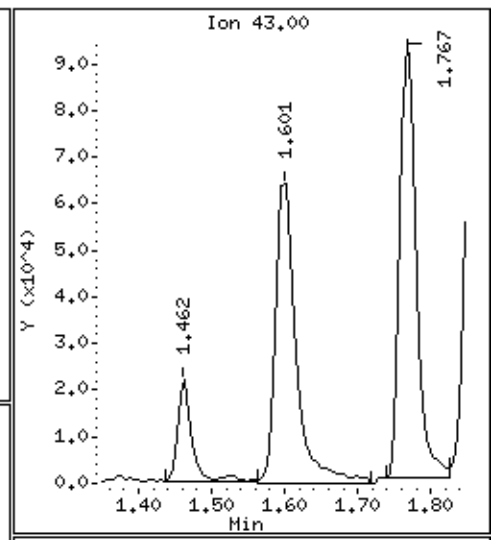
Review Code:

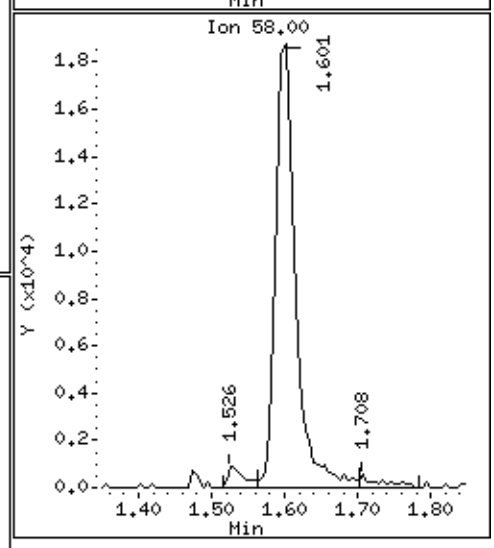












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

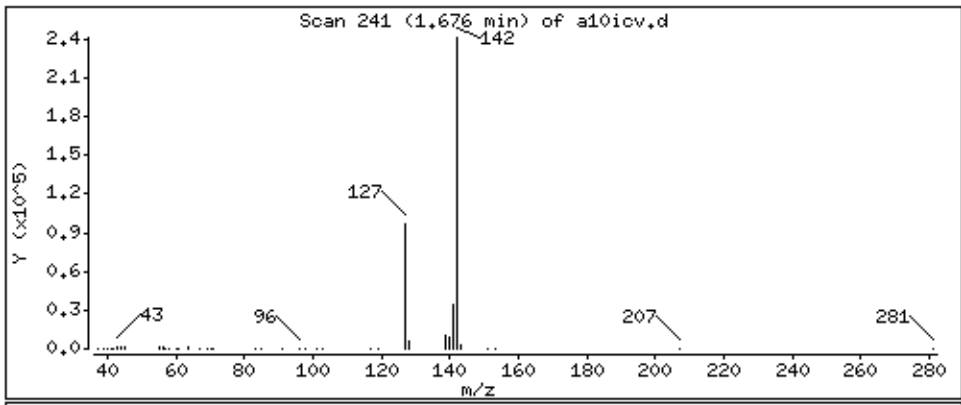
Column phase: DB-624

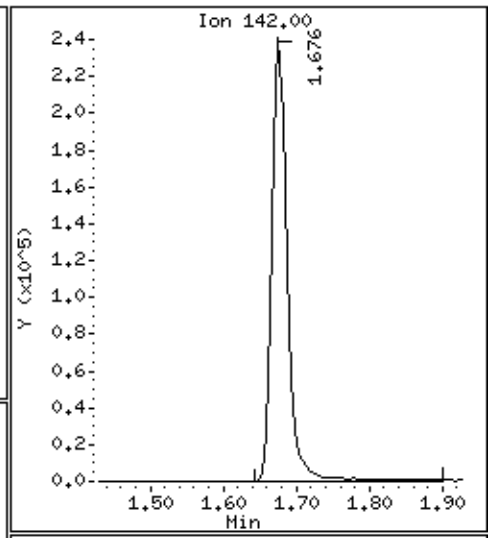
Column diameter: 0.18

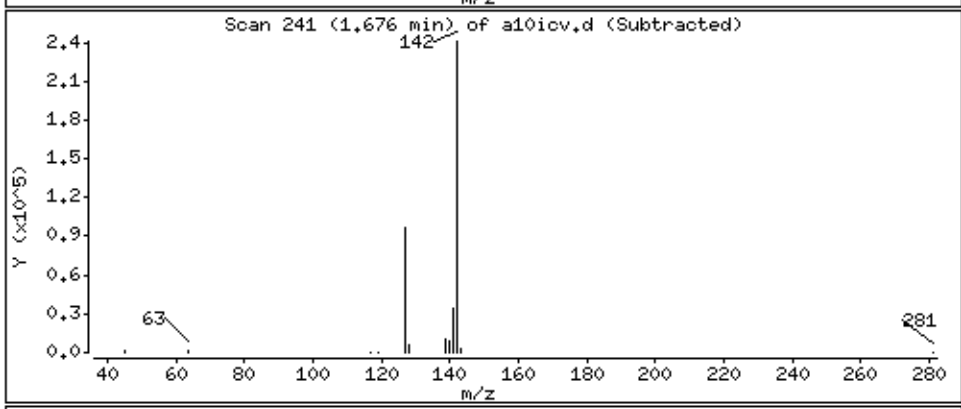
13 Iodomethane

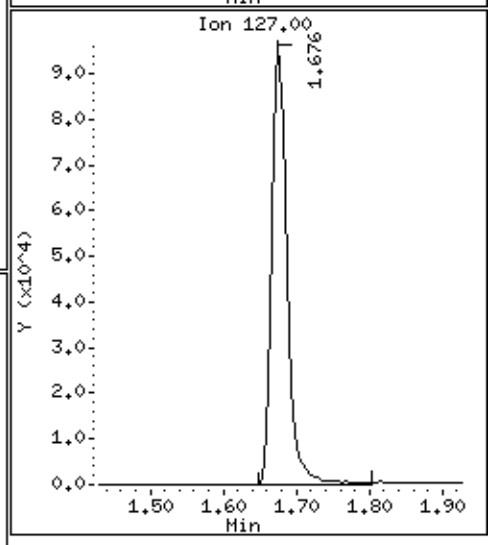
Concentration: 99.7 ppb

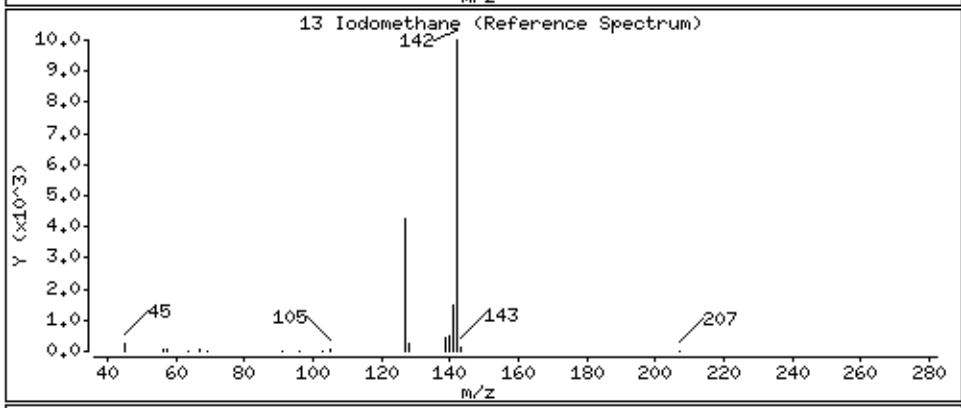
Review Code:

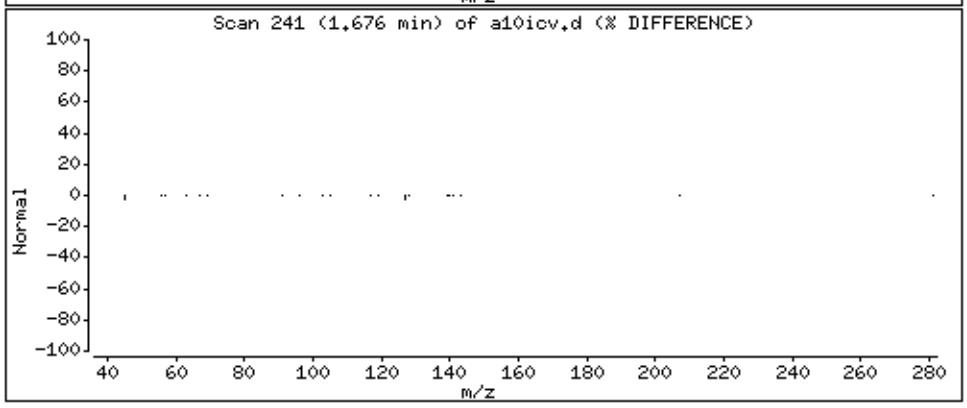












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

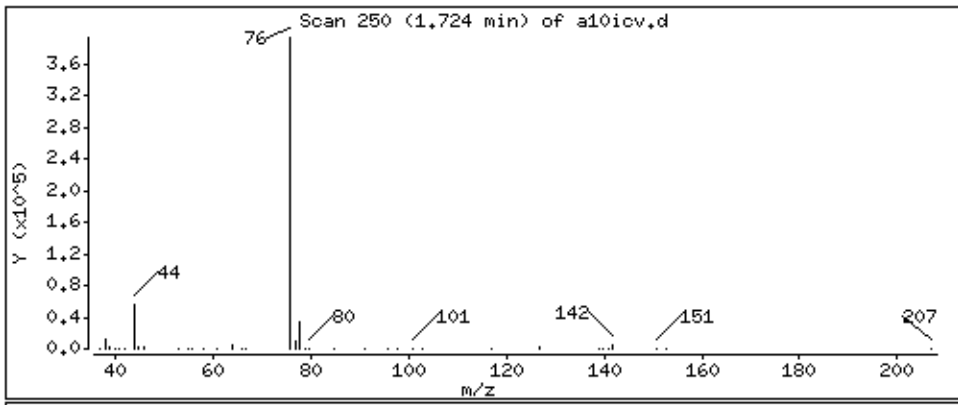
Column phase: DB-624

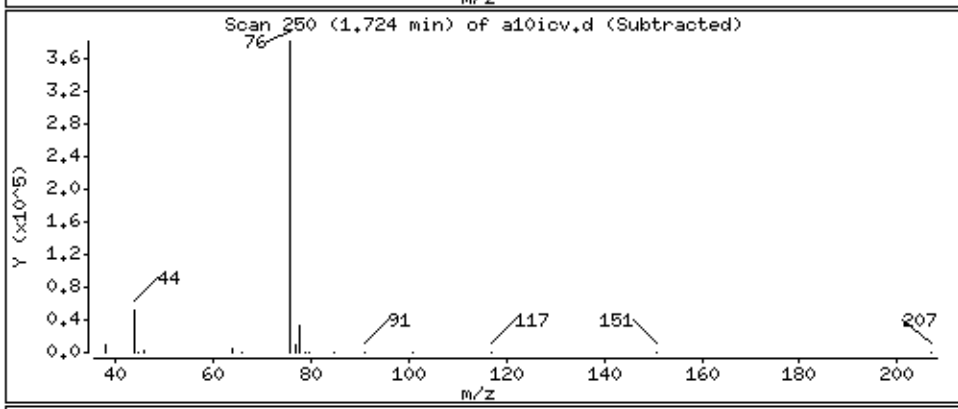
Column diameter: 0.18

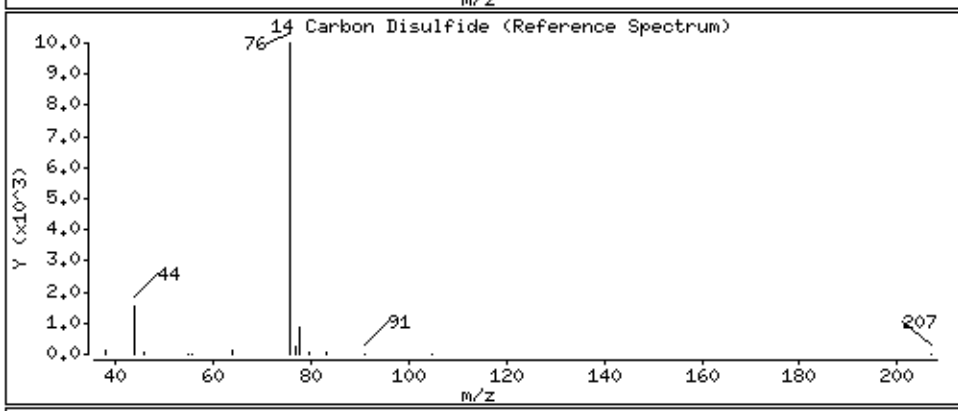
14 Carbon Disulfide

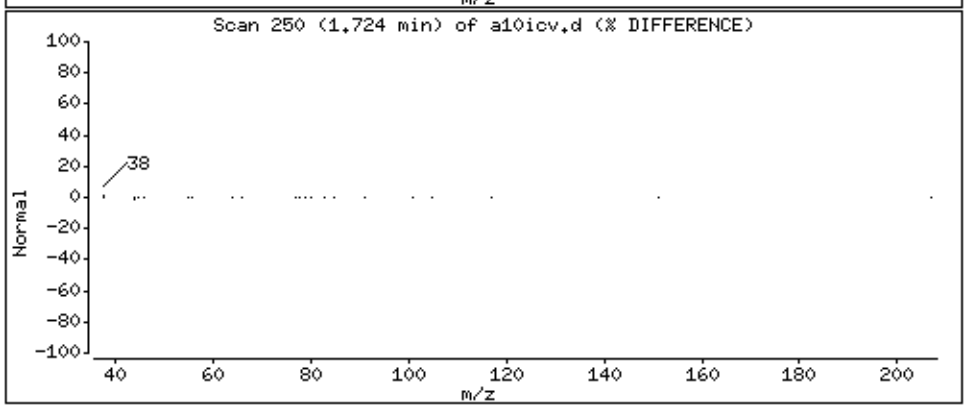
Concentration: 43.3 ppb

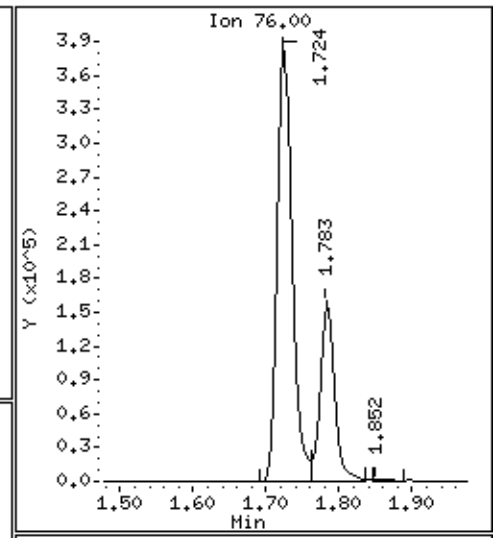
Review Code:

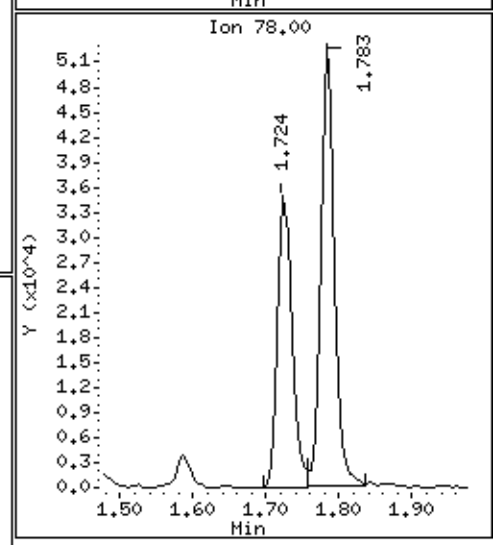












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

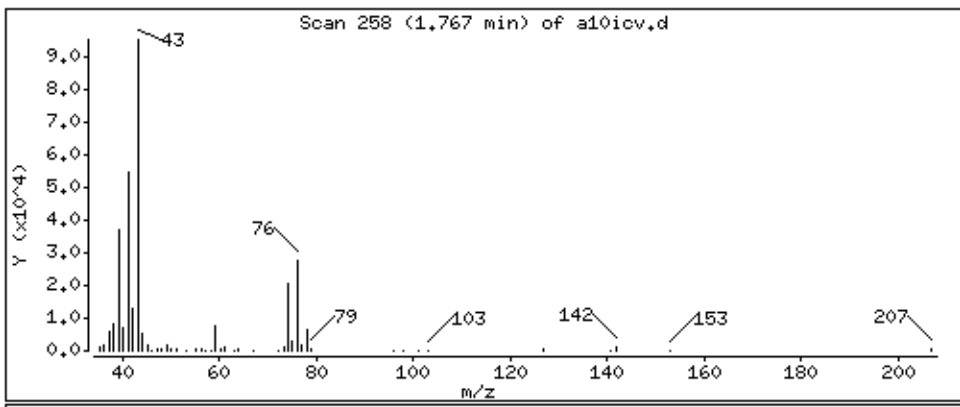
Column phase: DB-624

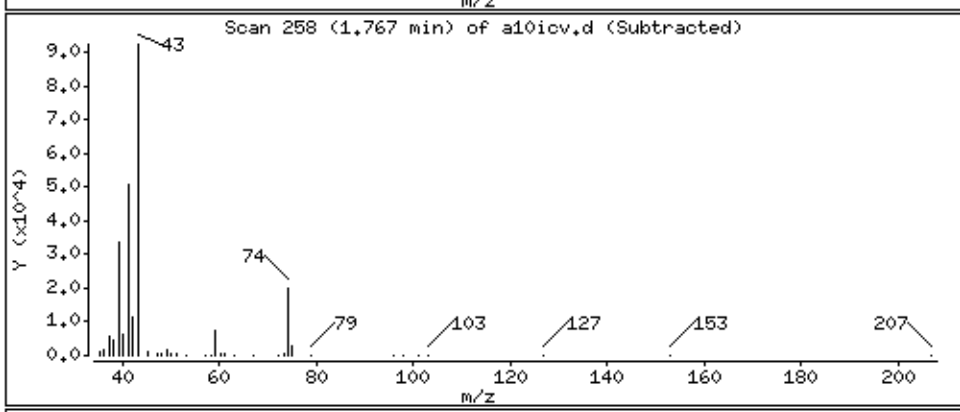
Column diameter: 0.18

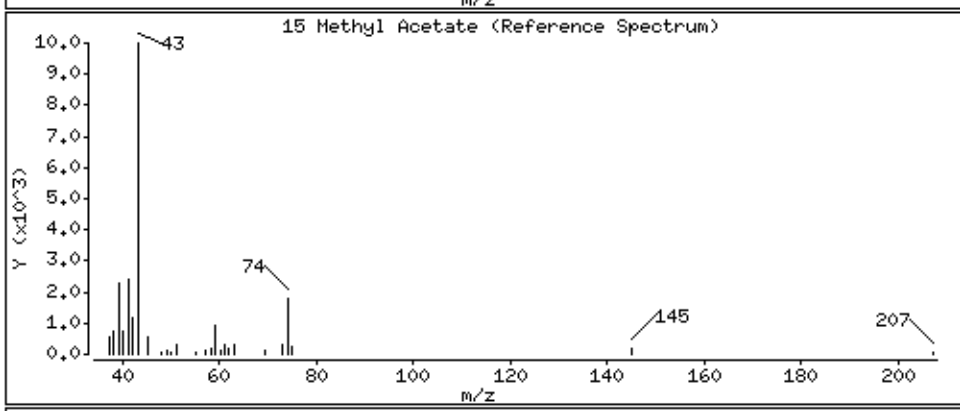
15 Methyl Acetate

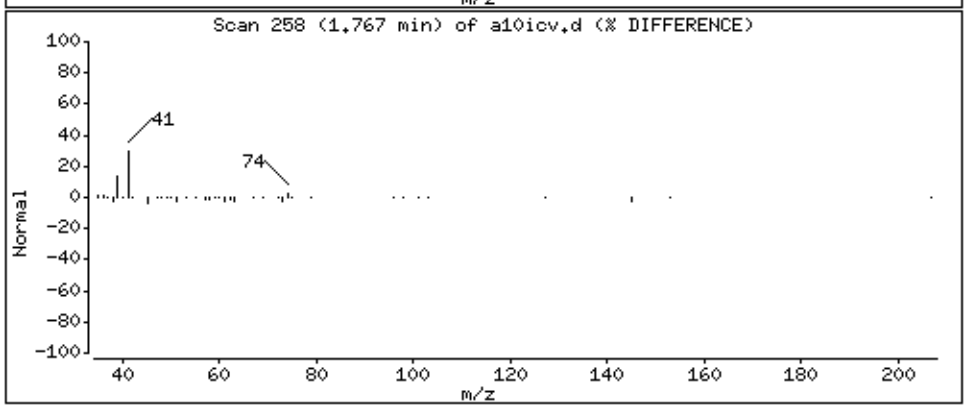
Concentration: 98.6 ppb

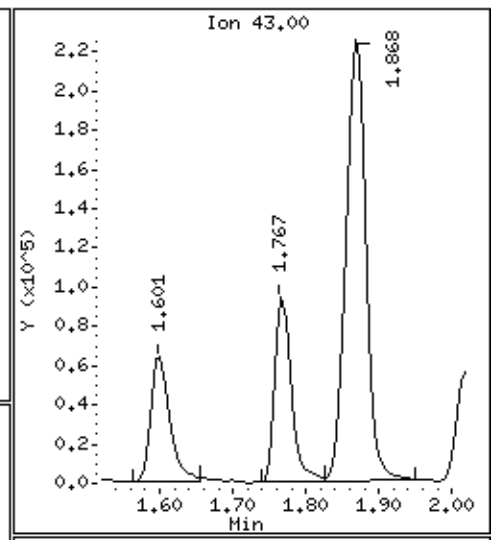
Review Code:

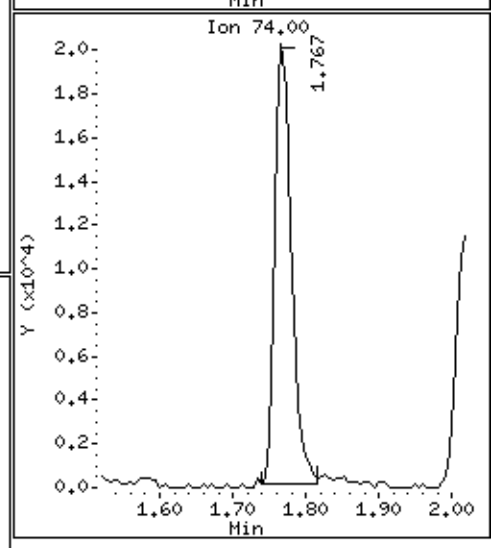












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

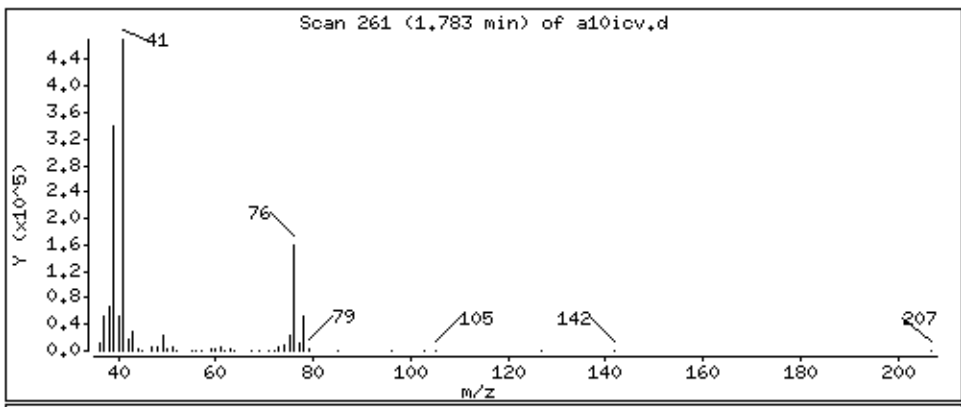
Column phase: DB-624

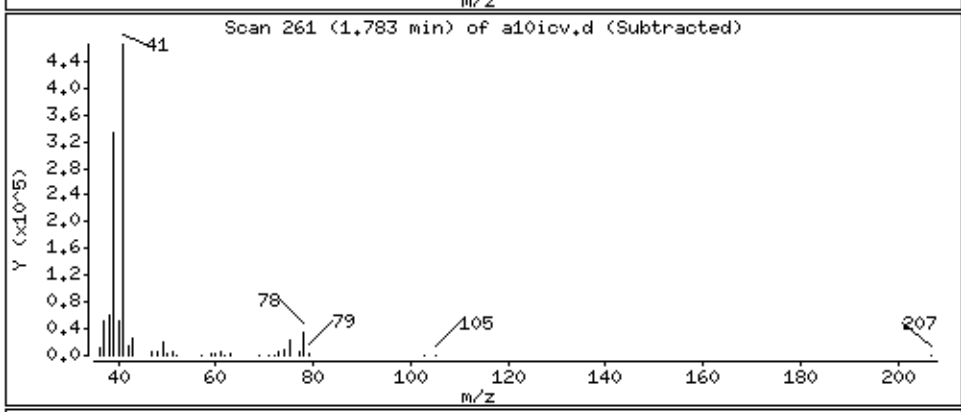
Column diameter: 0.18

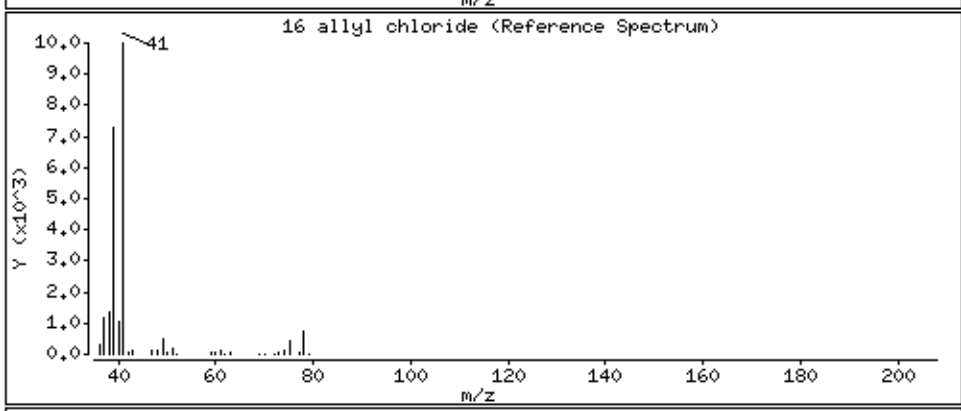
16 allyl chloride

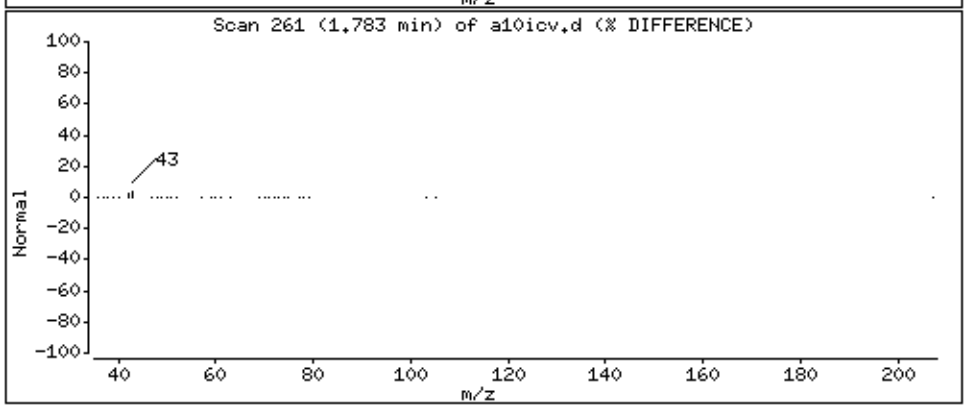
Concentration: 112 ppb

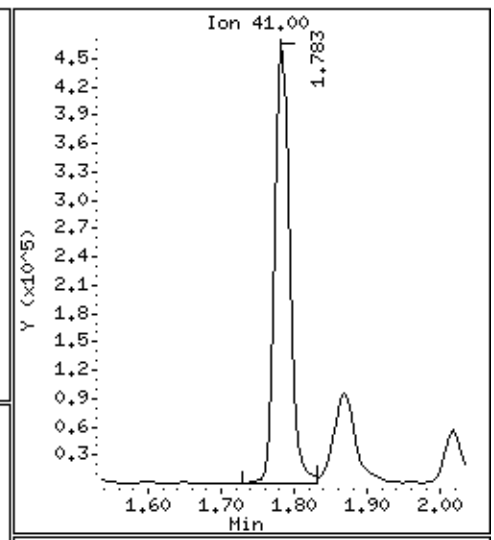
Review Code:

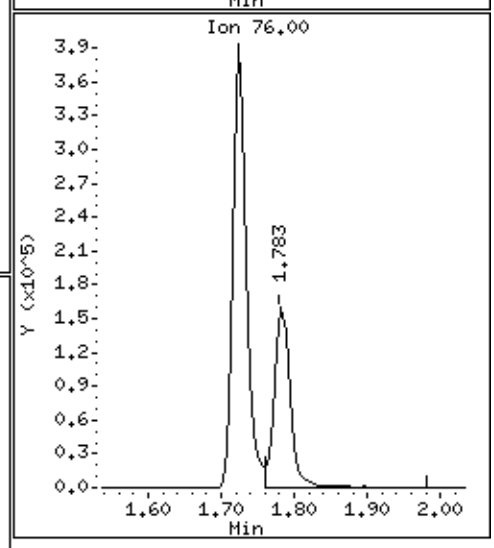












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

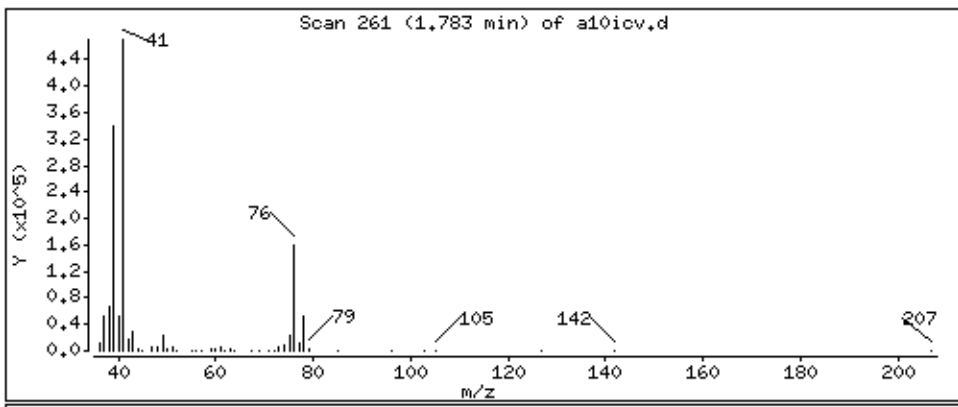
Column phase: DB-624

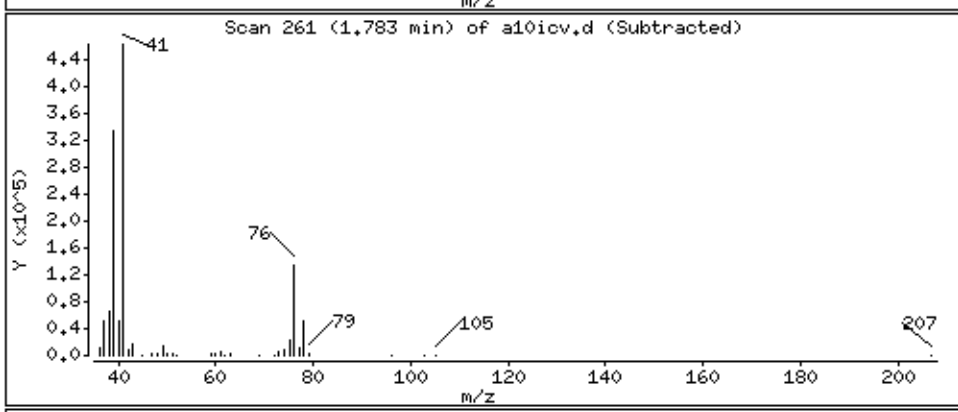
Column diameter: 0.18

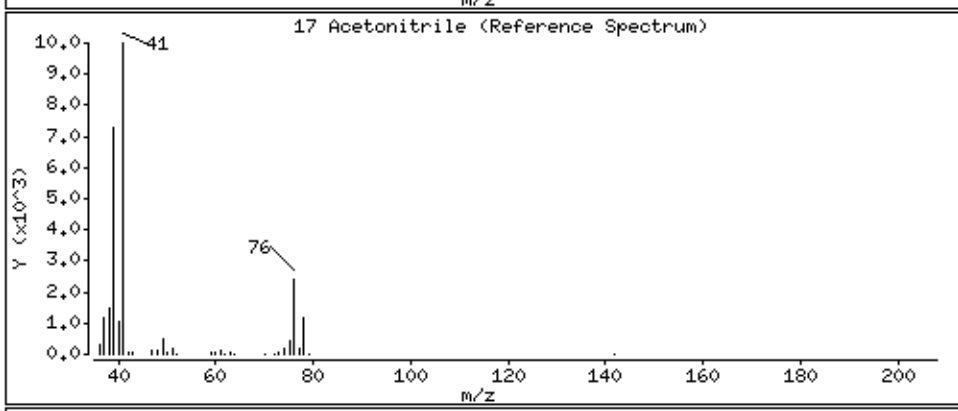
17 Acetonitrile

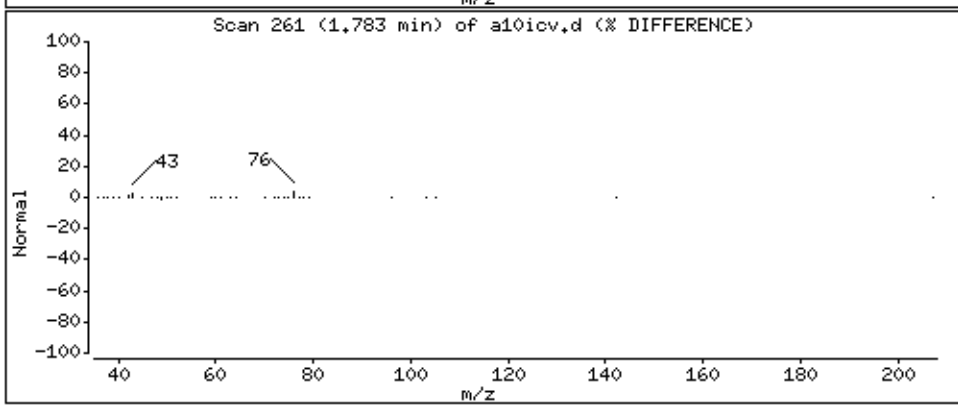
Concentration: 54.6 ppb

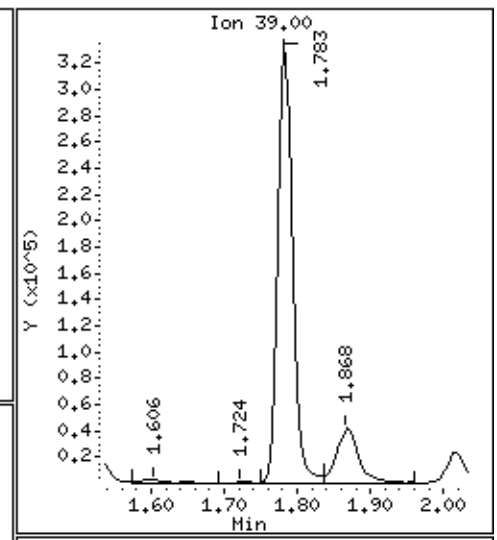
Review Code:

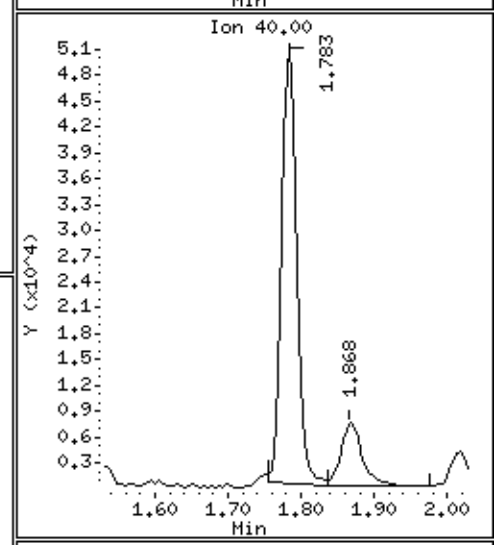


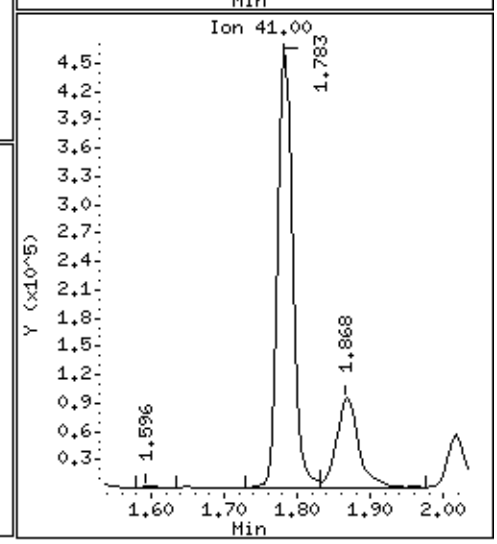












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

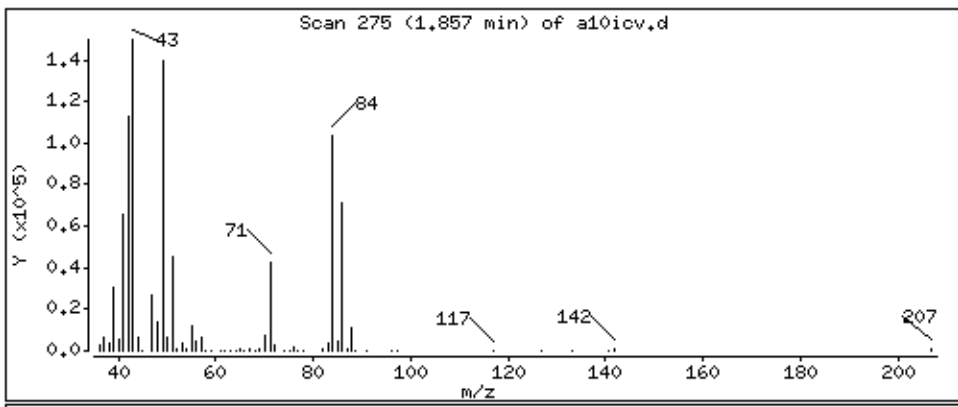
Column phase: DB-624

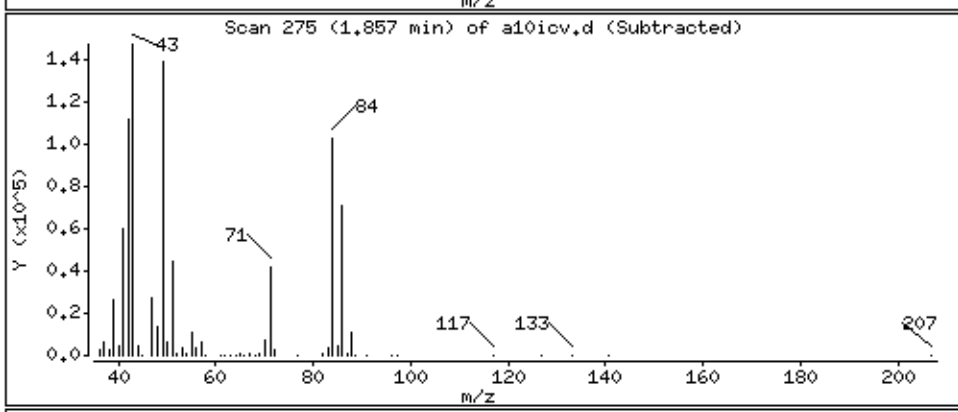
Column diameter: 0.18

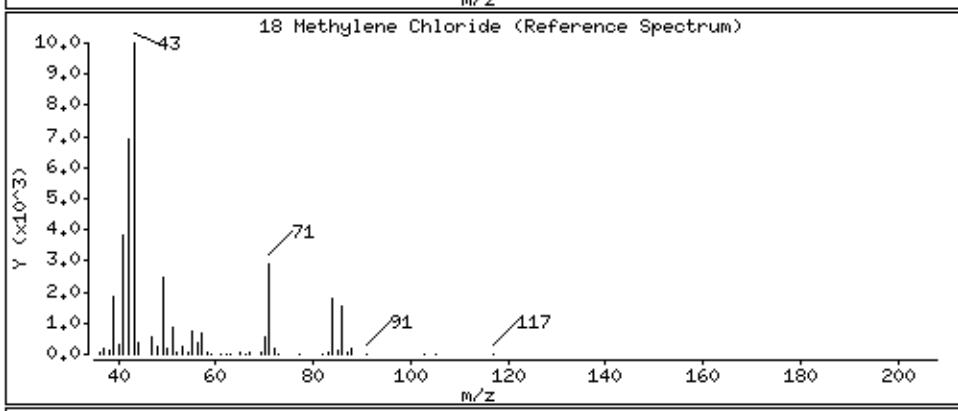
18 Methylene Chloride

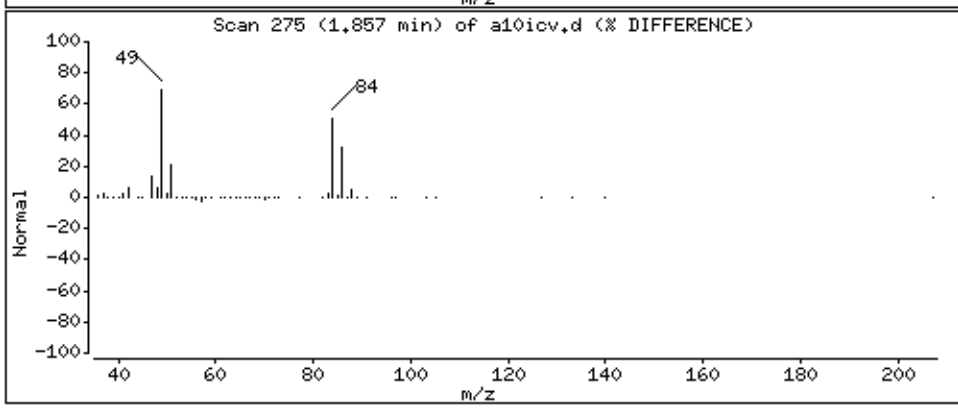
Concentration: 40.5 ppb

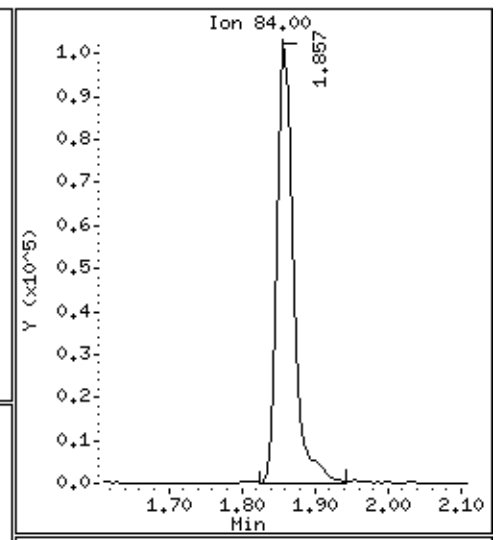
Review Code:

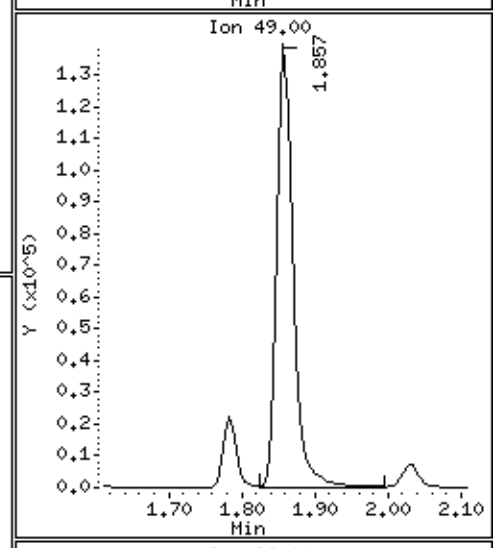


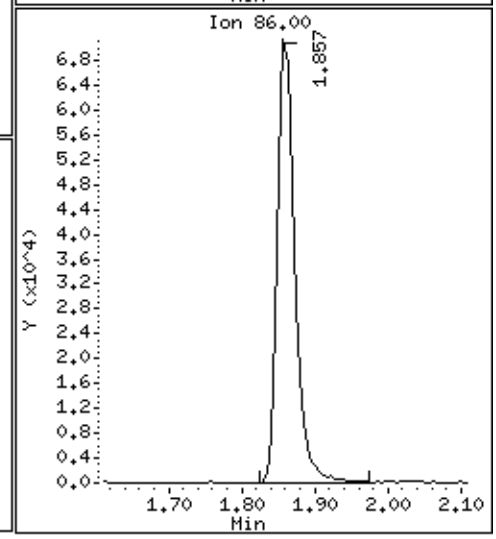












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

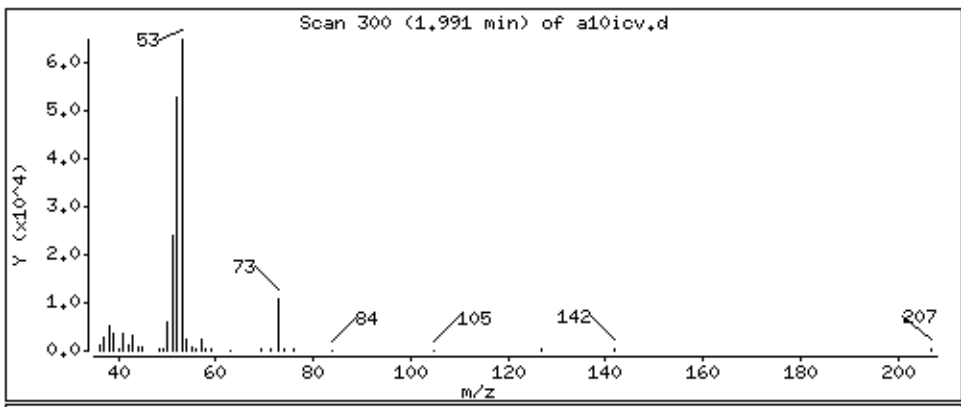
Column phase: DB-624

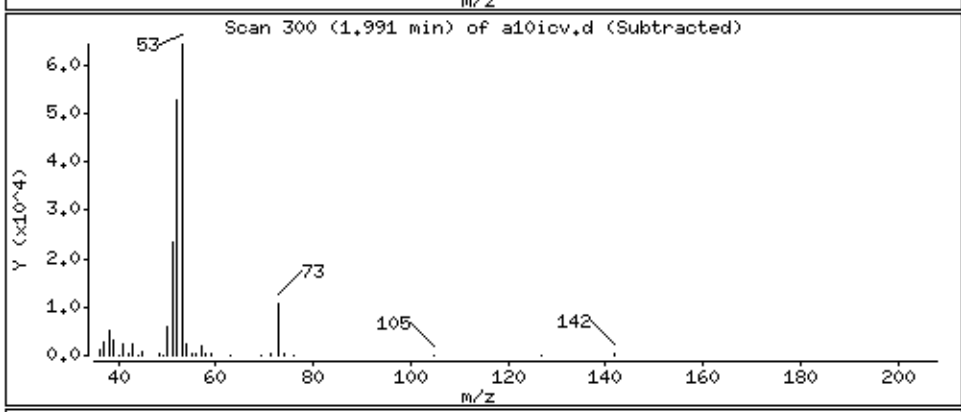
Column diameter: 0.18

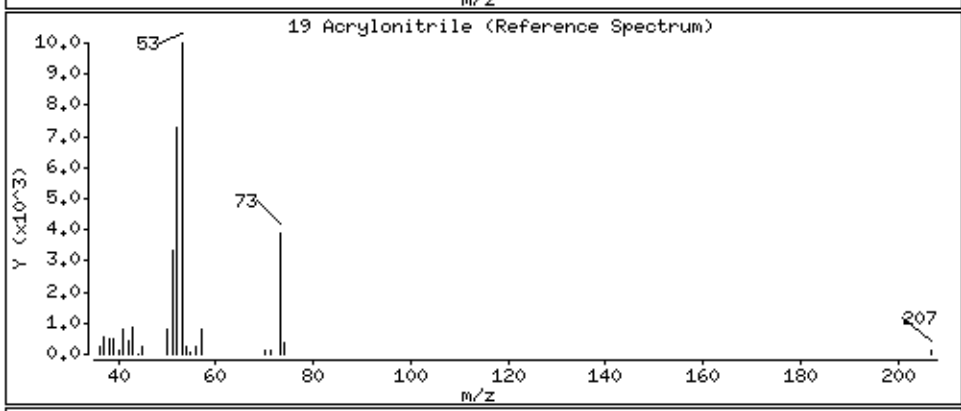
19 Acrylonitrile

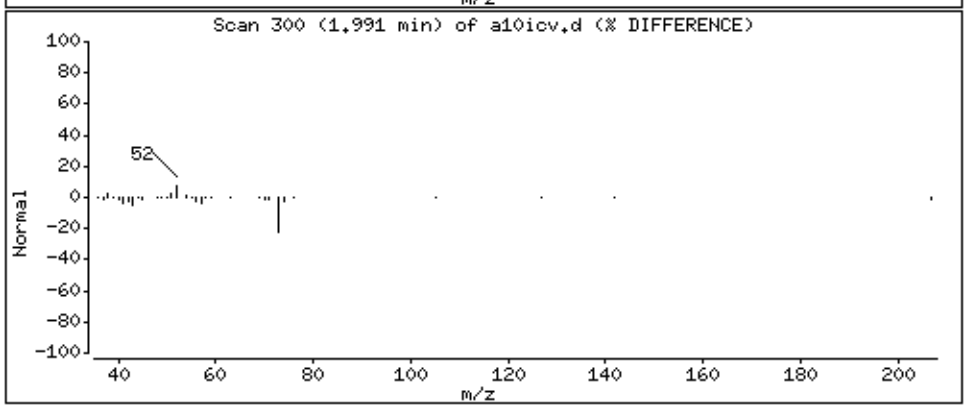
Concentration: 193 ppb

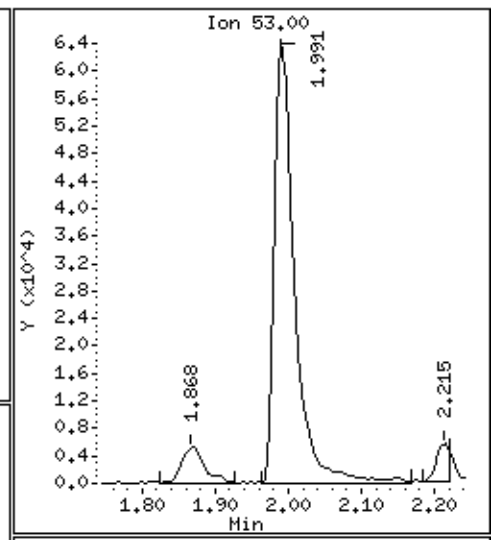
Review Code:

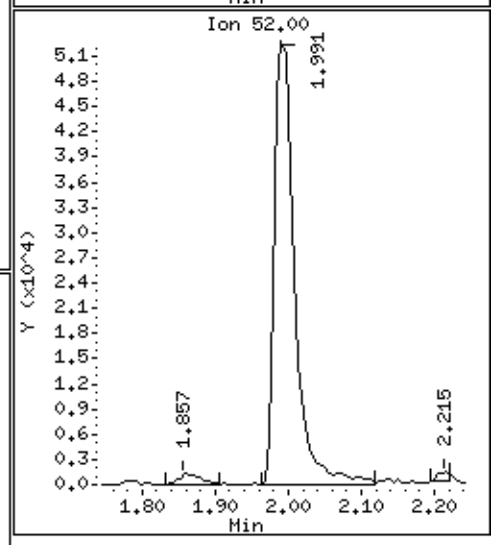












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

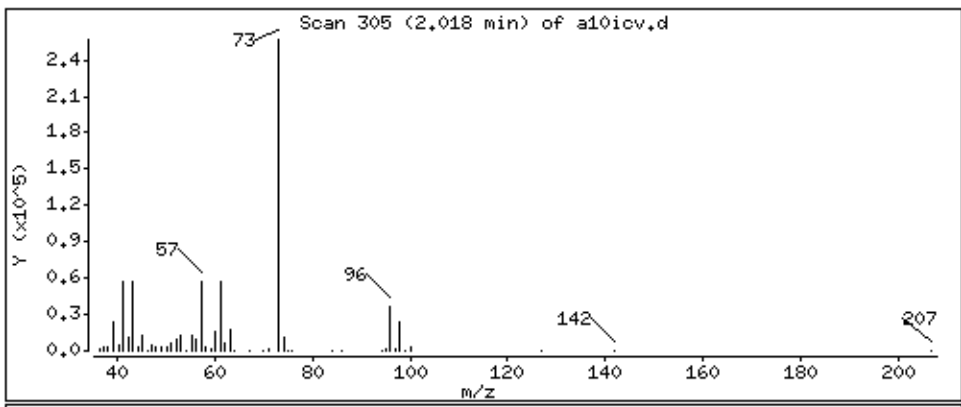
Column phase: DB-624

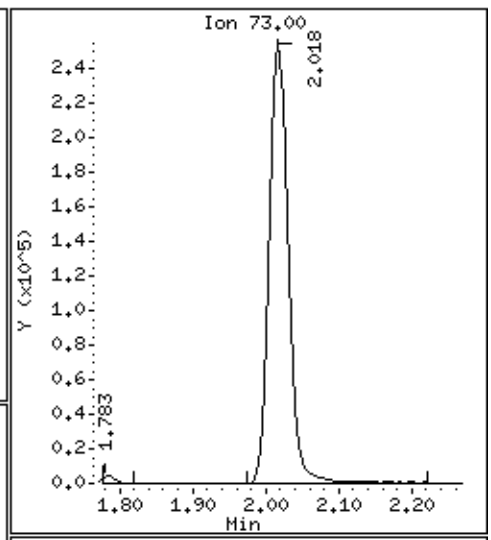
Column diameter: 0.18

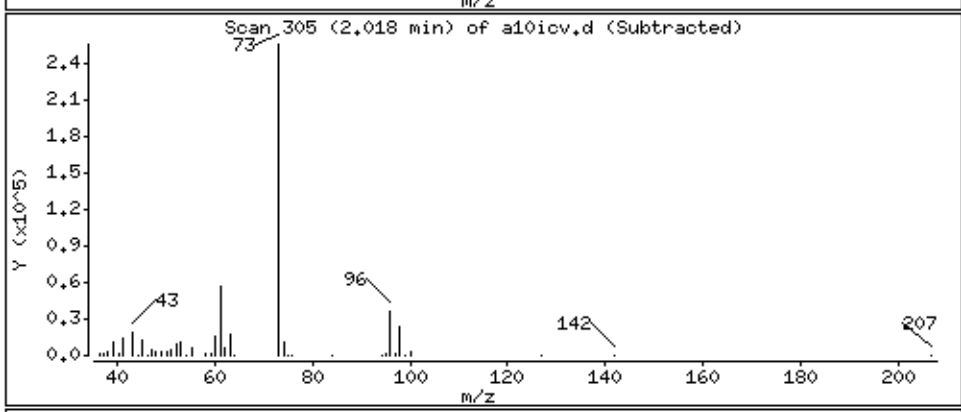
20 Methyl-tert-butyl ether

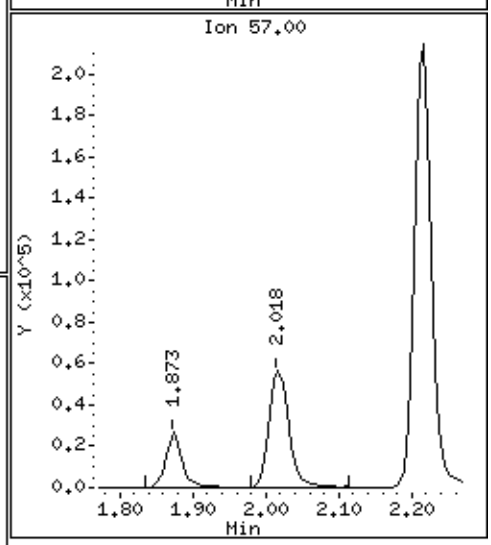
Concentration: 48.0 ppb

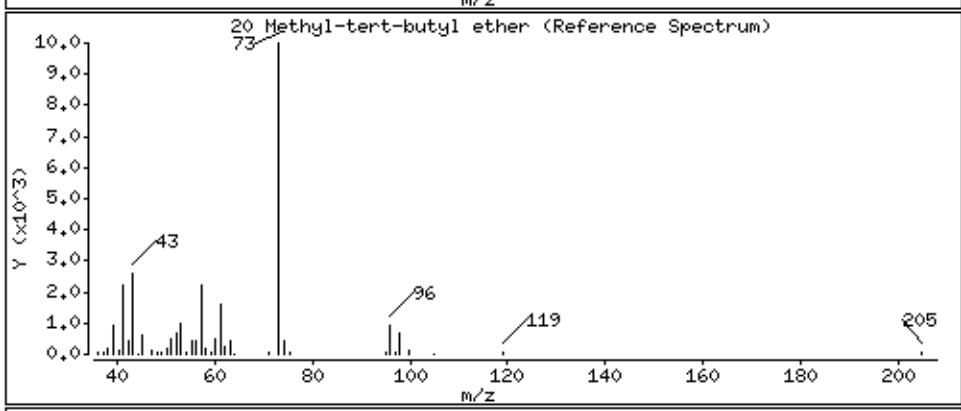
Review Code:

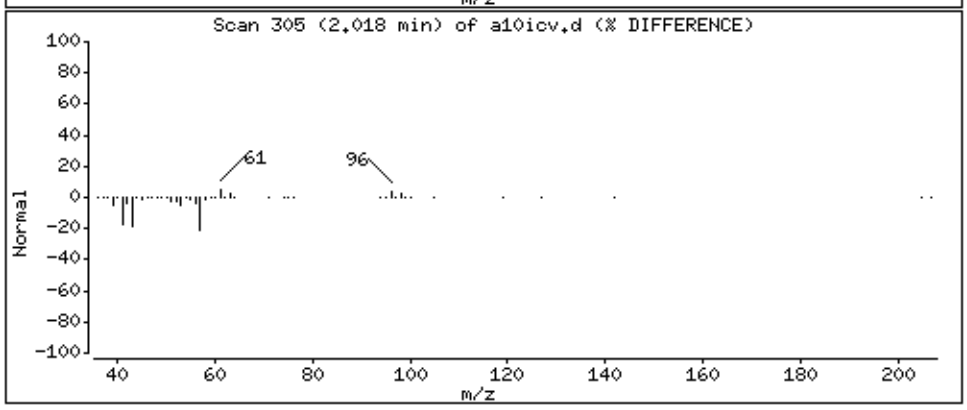












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

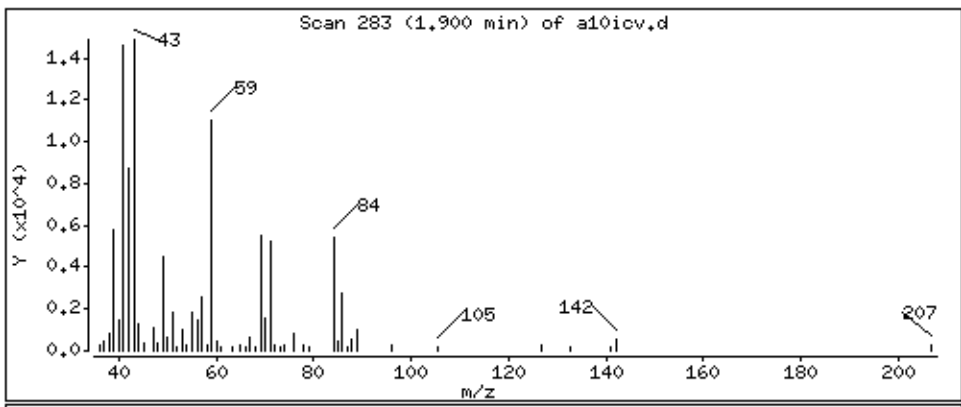
Column phase: DB-624

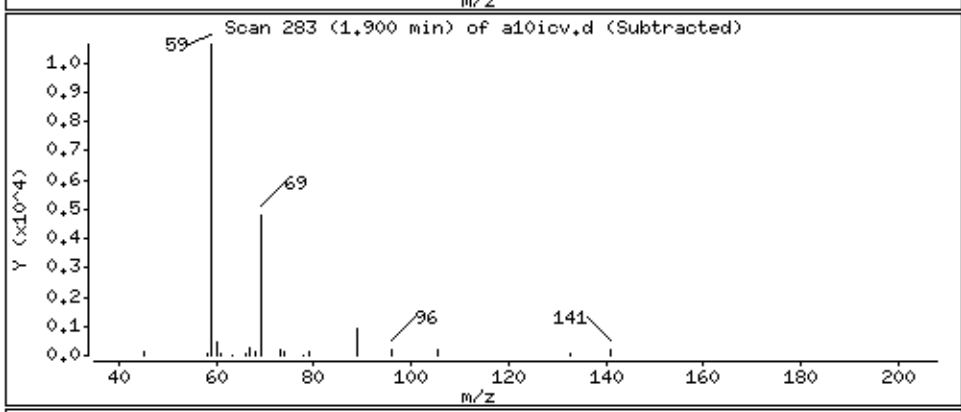
Column diameter: 0.18

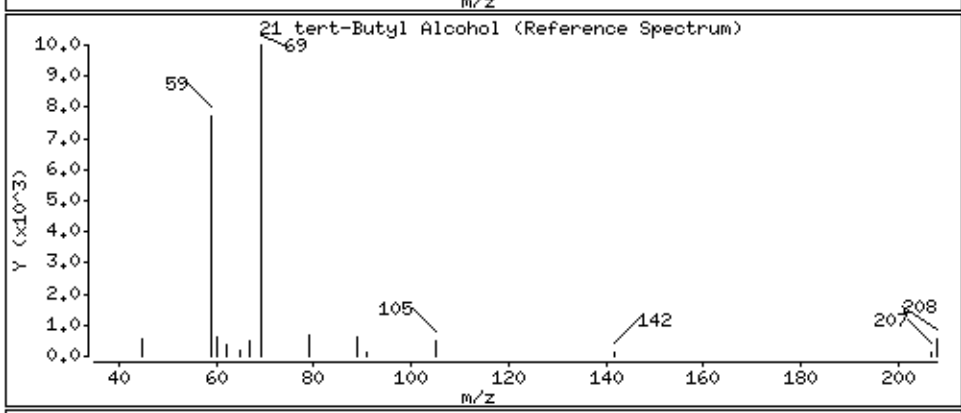
21 tert-Butyl Alcohol

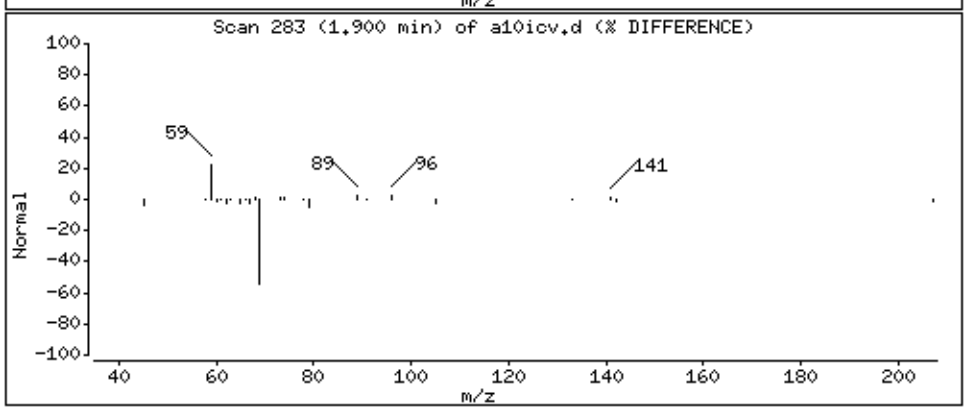
Concentration: 88.4 ppb

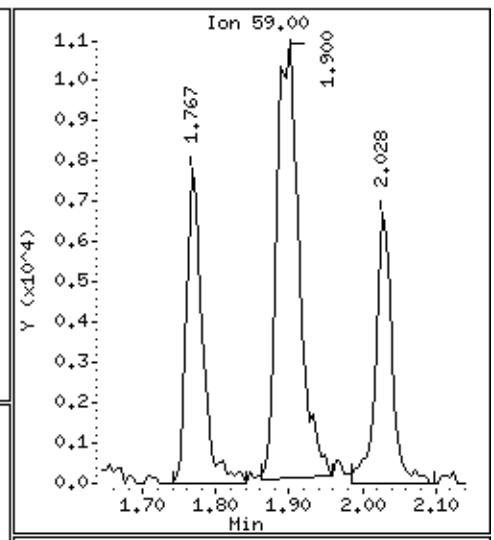
Review Code:

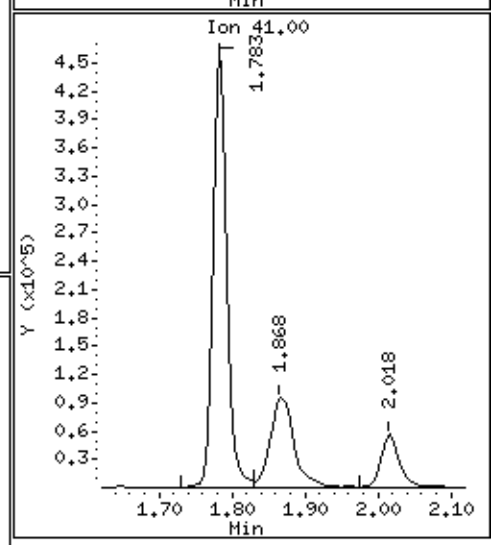












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

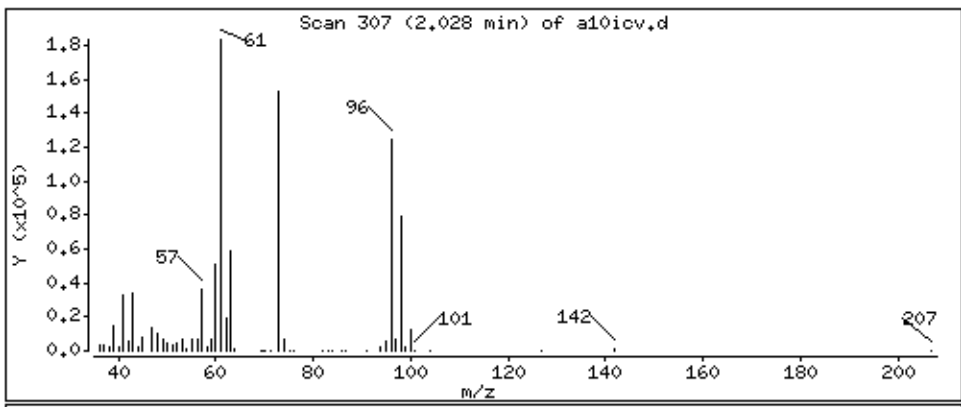
Column phase: DB-624

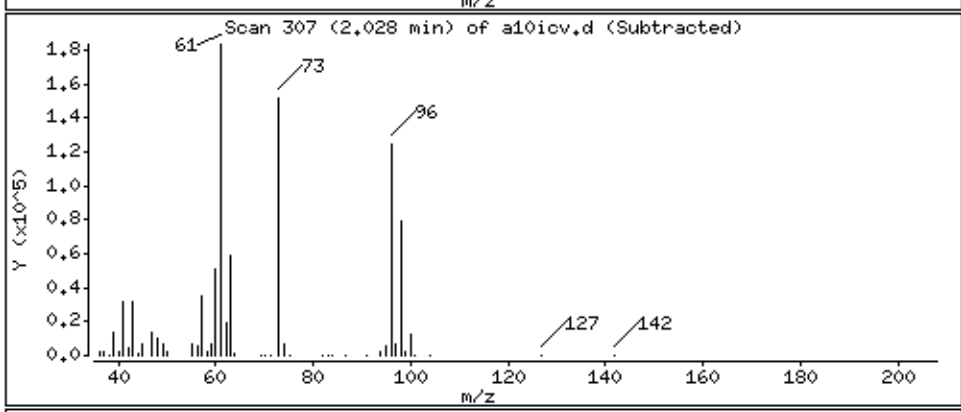
Column diameter: 0.18

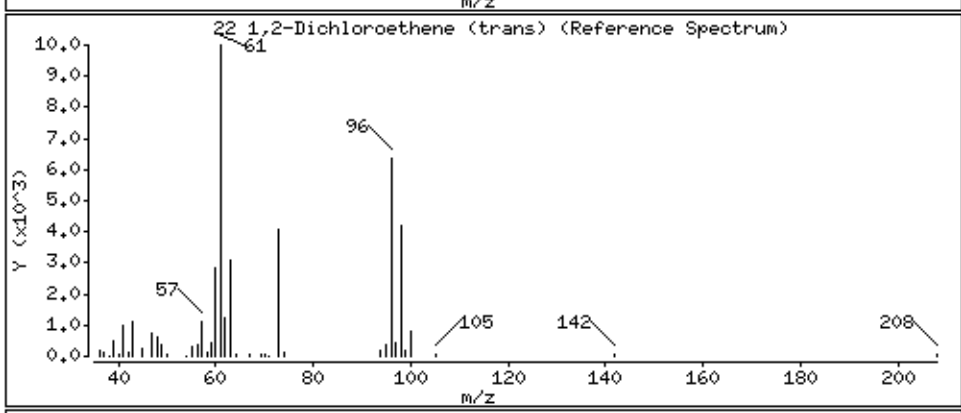
22 1,2-Dichloroethene (trans)

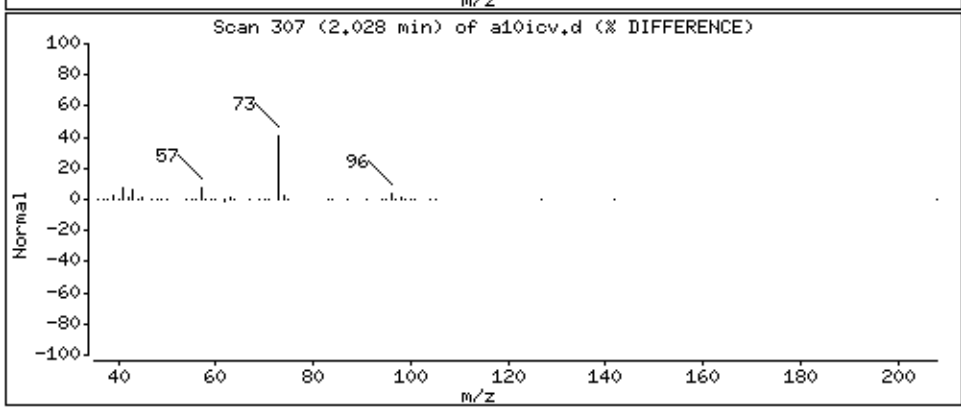
Concentration: 46.2 ppb

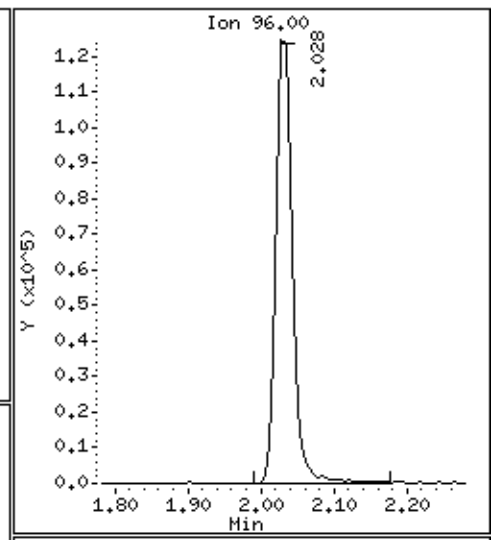
Review Code:

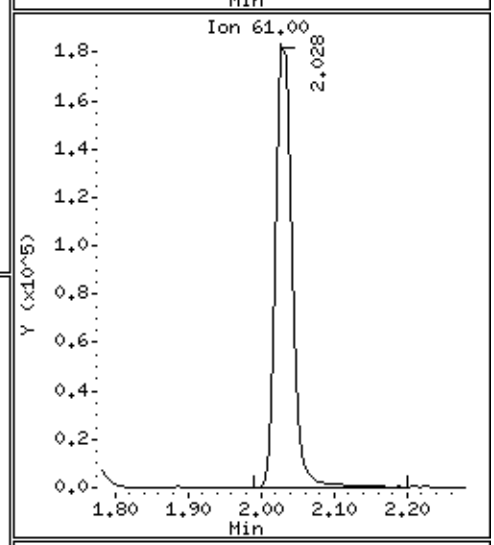


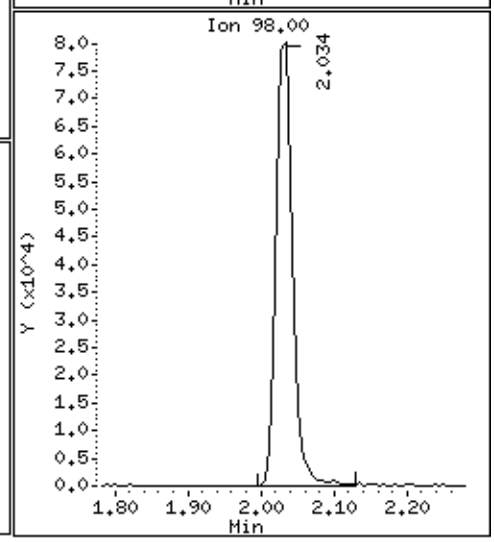












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

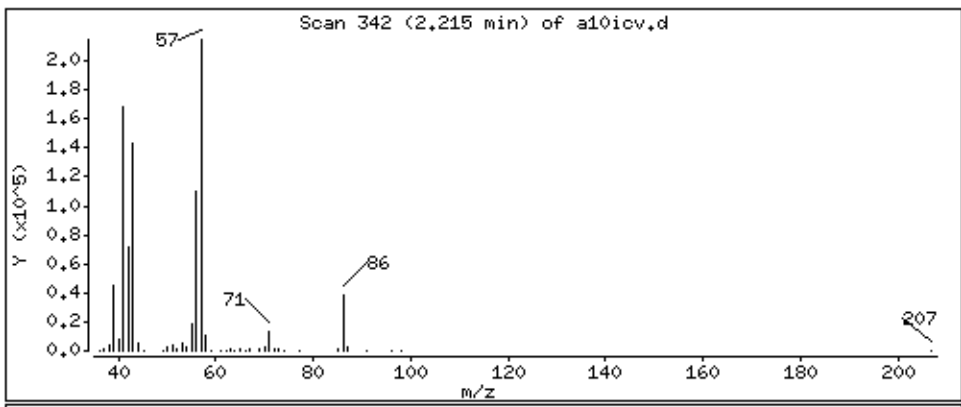
Column phase: DB-624

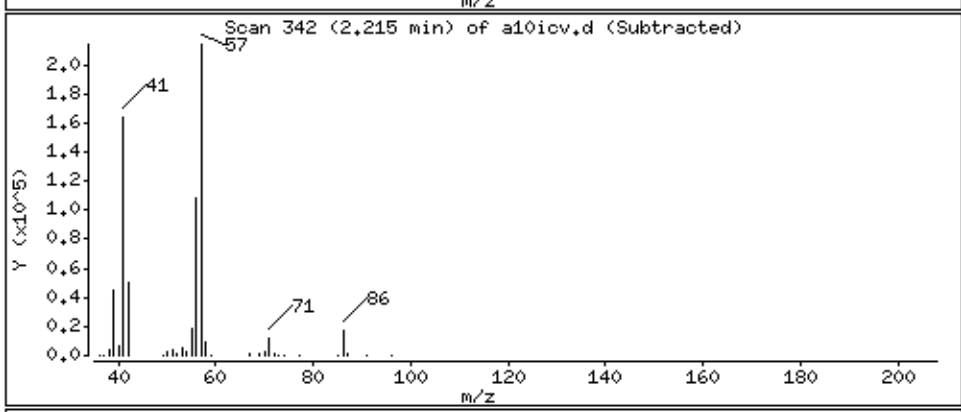
Column diameter: 0.18

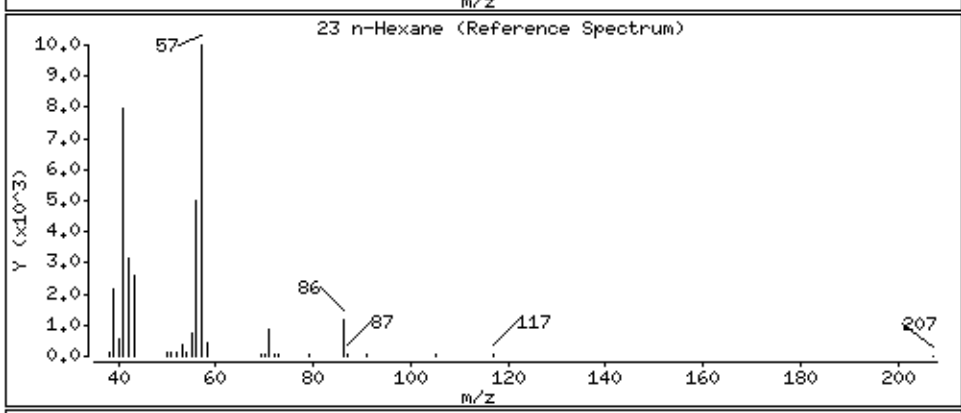
23 n-Hexane

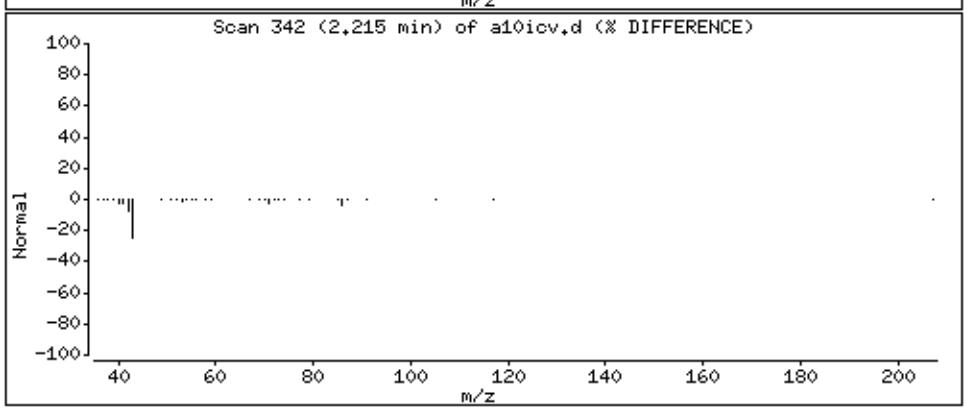
Concentration: 43.2 ppb

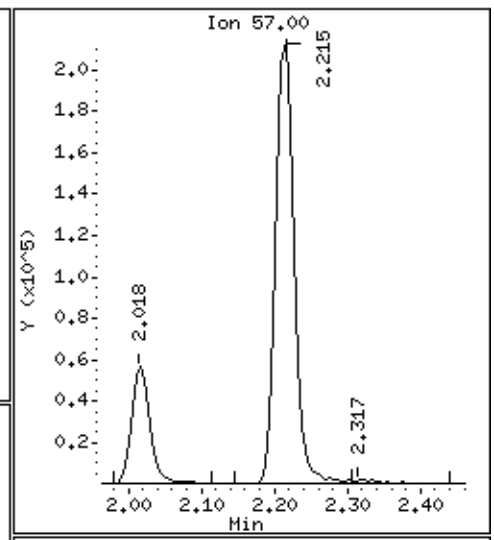
Review Code:

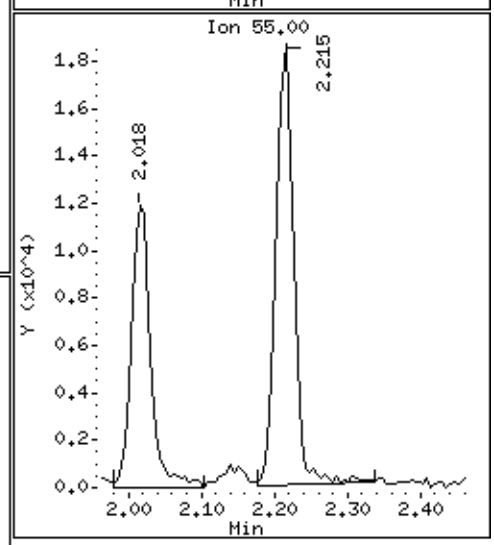












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

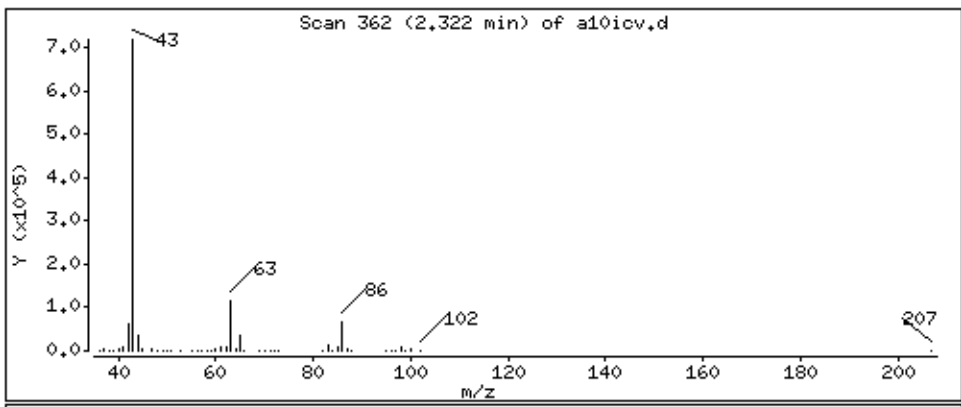
Column phase: DB-624

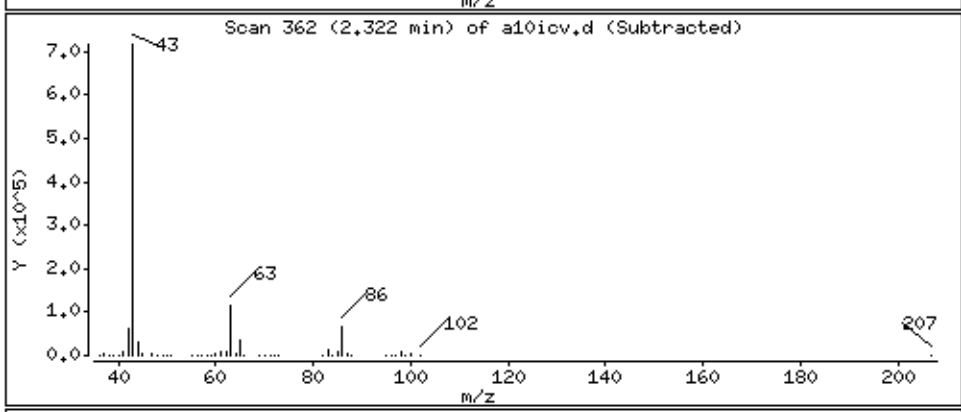
Column diameter: 0.18

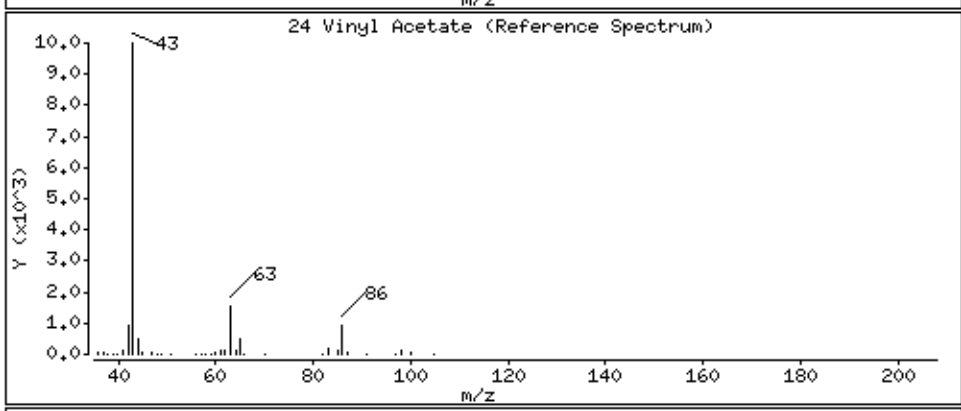
24 Vinyl Acetate

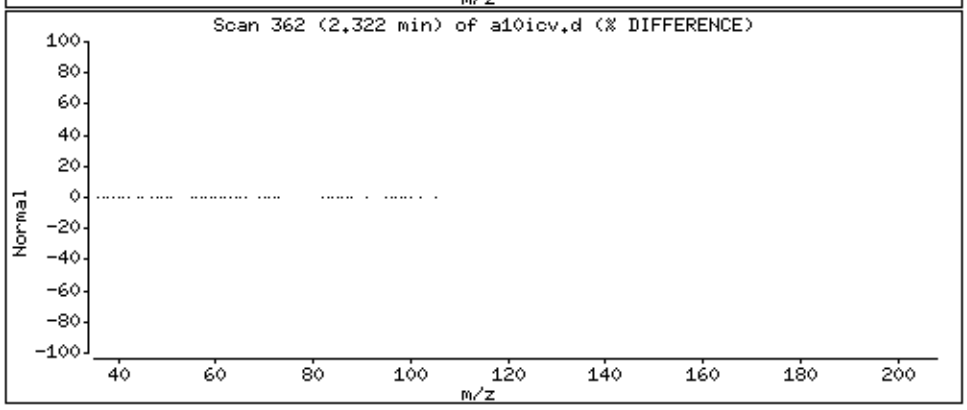
Concentration: 218 ppb

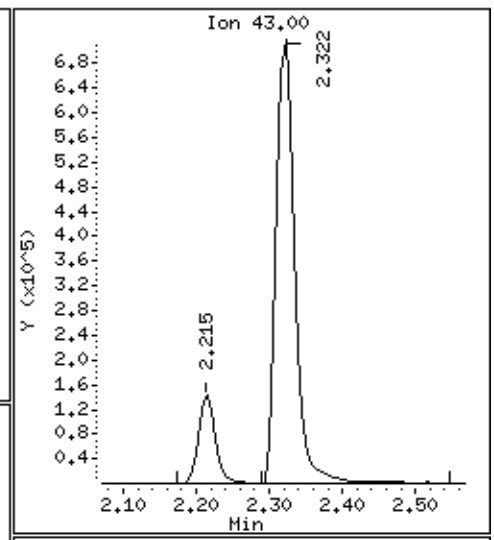
Review Code:

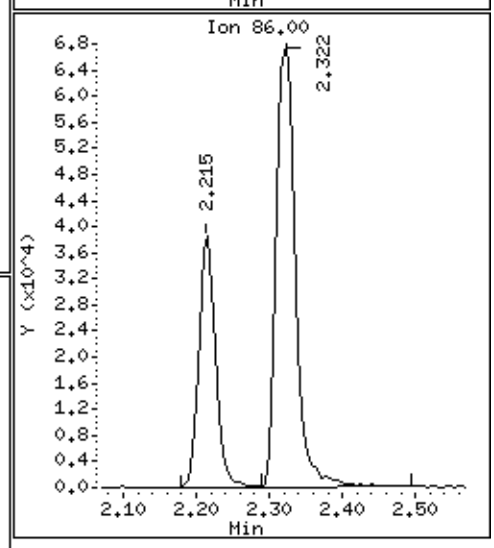












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

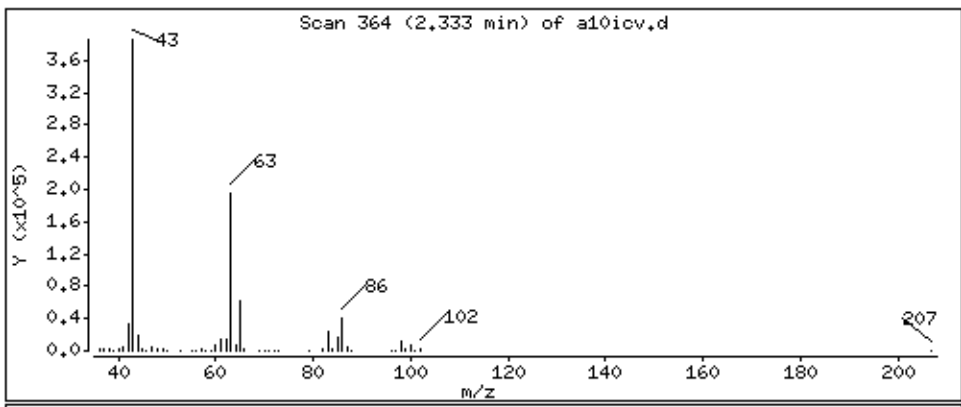
Column phase: DB-624

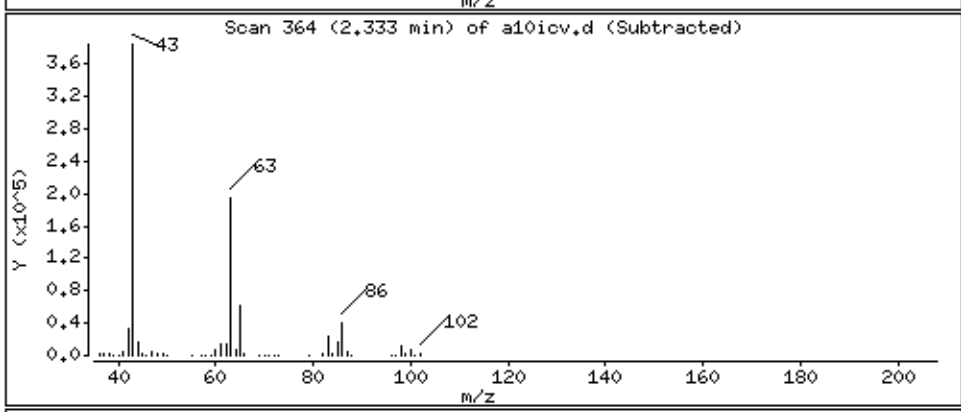
Column diameter: 0.18

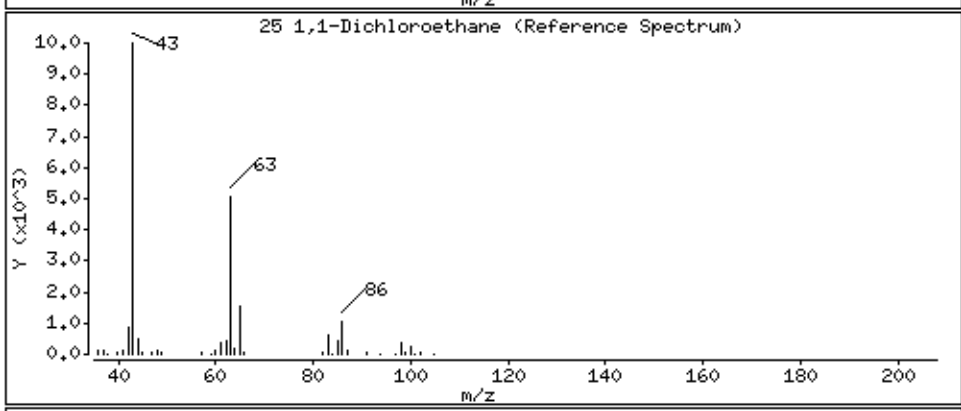
25 1,1-Dichloroethane

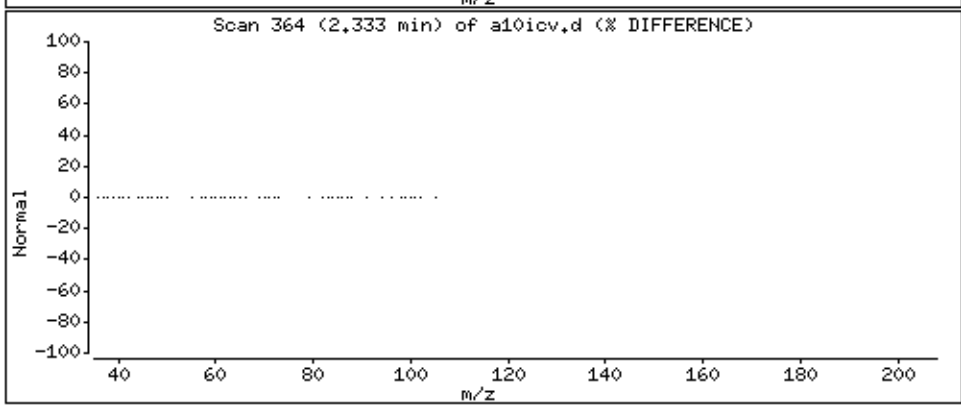
Concentration: 45.7 ppb

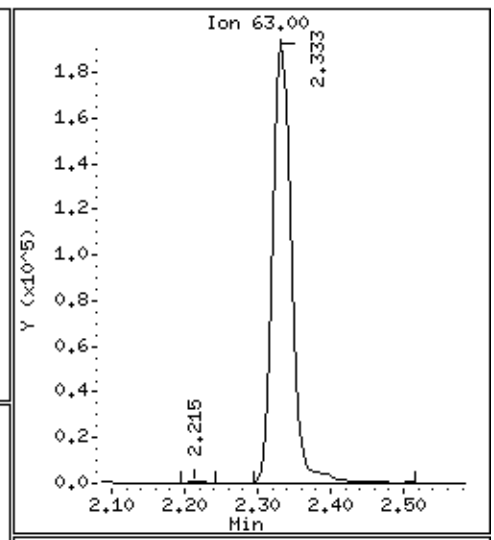
Review Code:

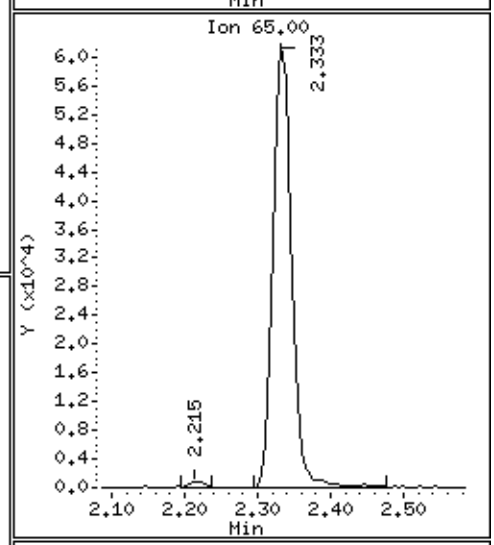


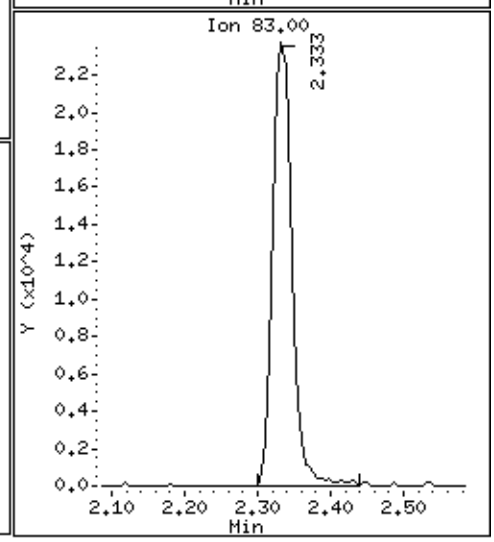












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

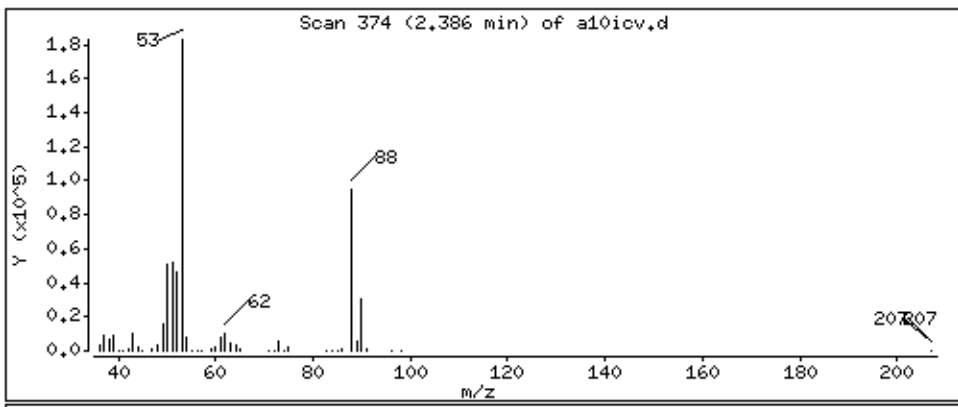
Column phase: DB-624

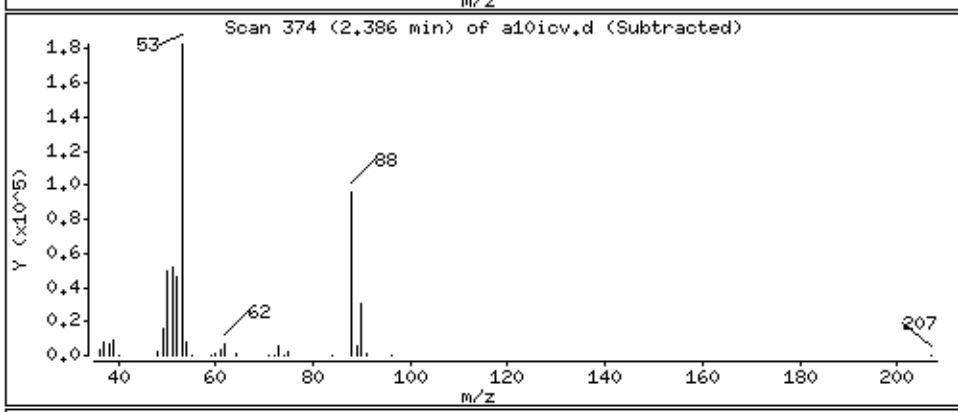
Column diameter: 0.18

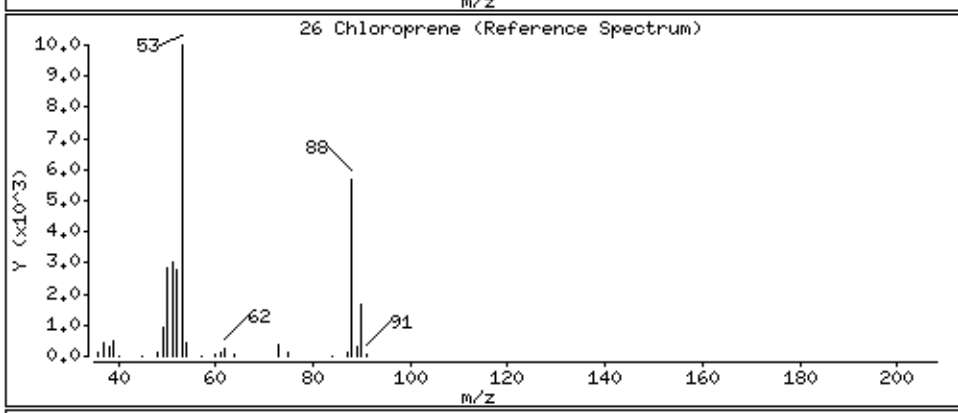
26 Chloroprene

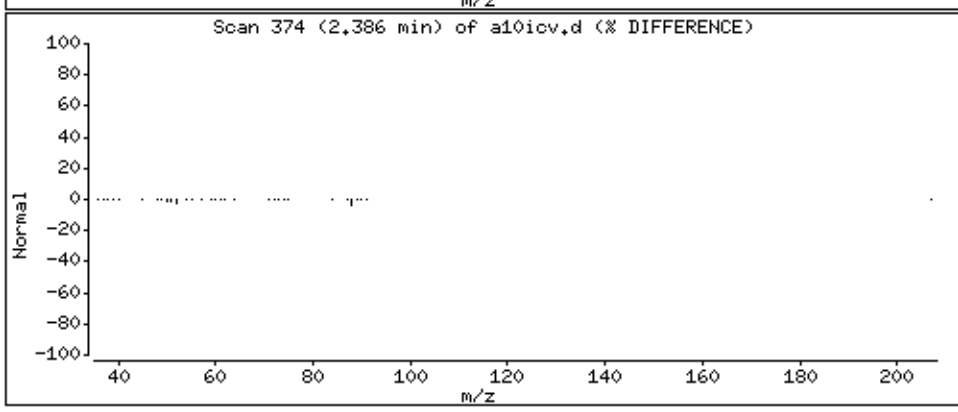
Concentration: 43.6 ppb

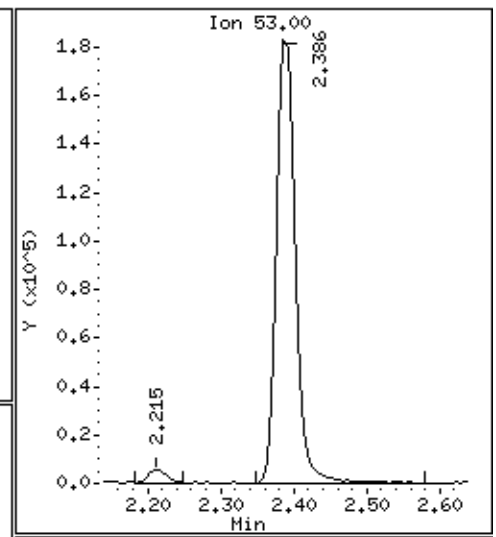
Review Code:

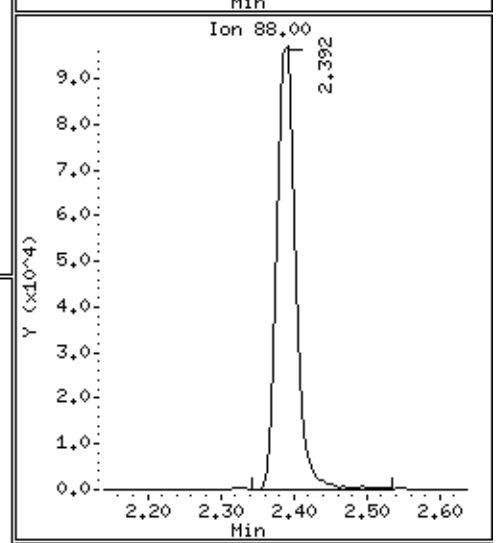


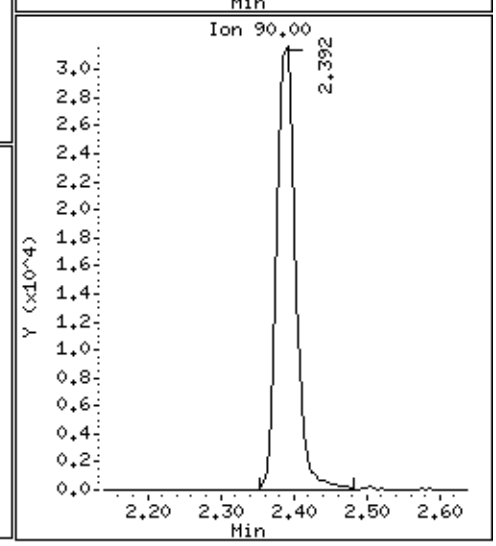












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

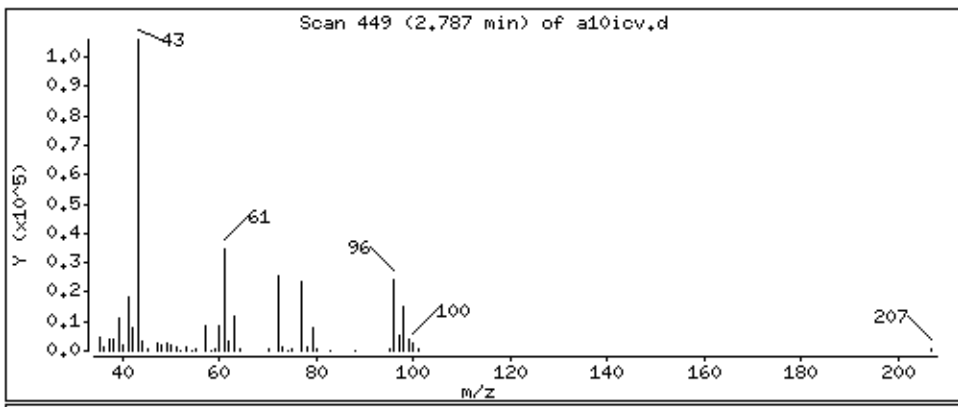
Column phase: DB-624

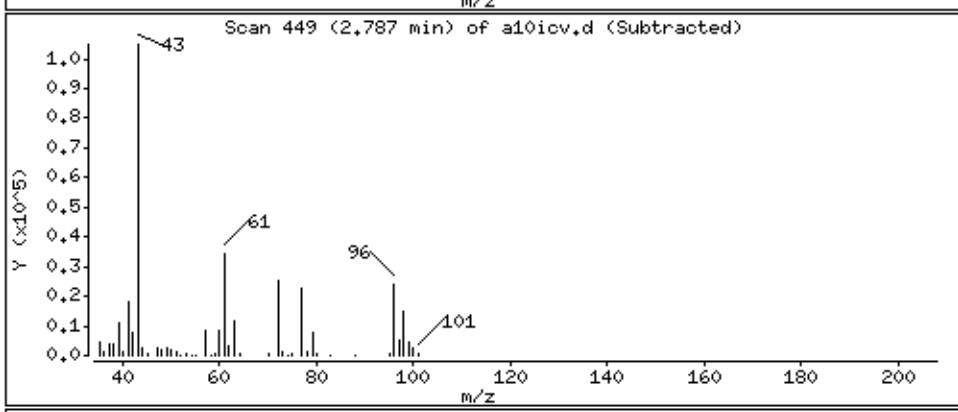
Column diameter: 0.18

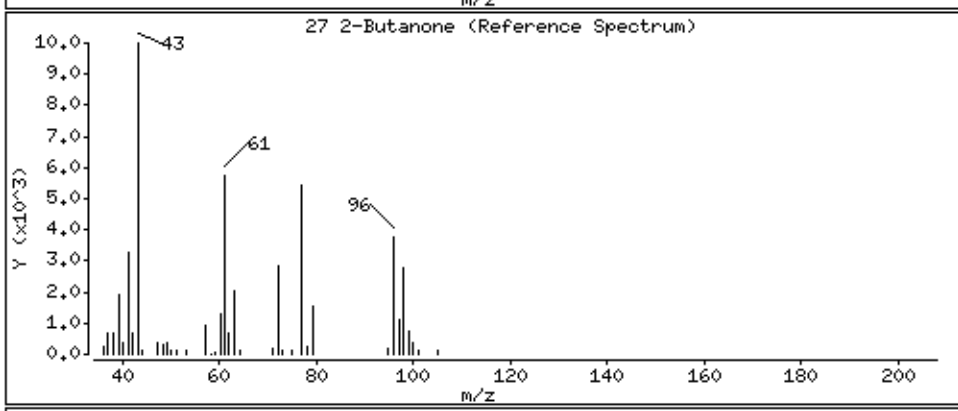
27 2-Butanone

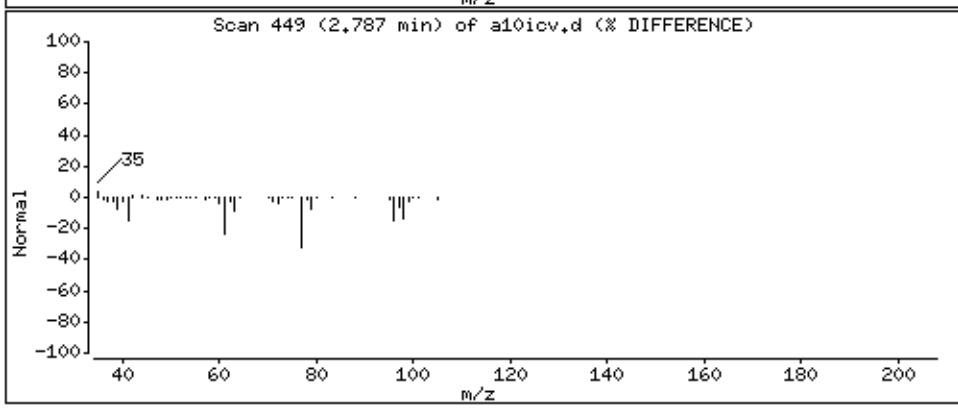
Concentration: 247 ppb

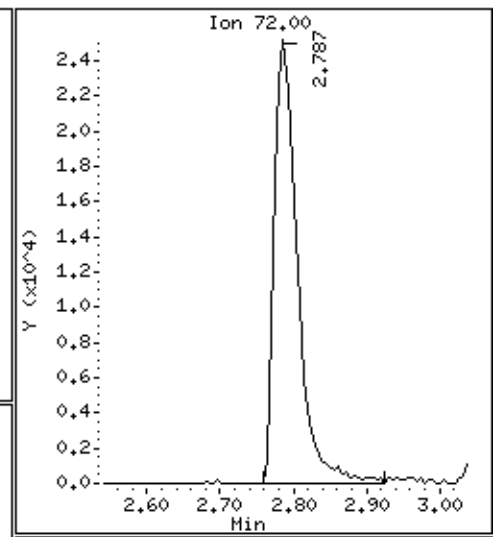
Review Code:

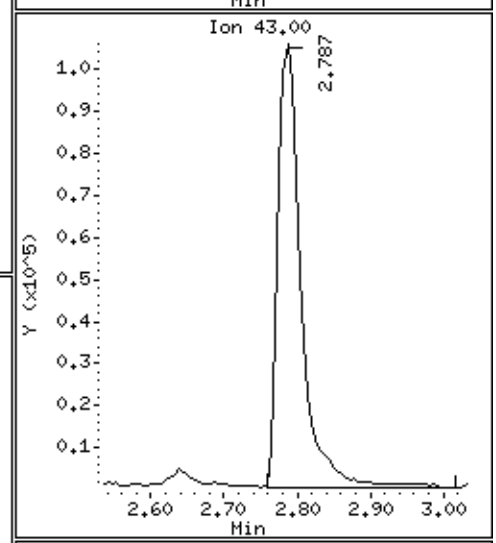


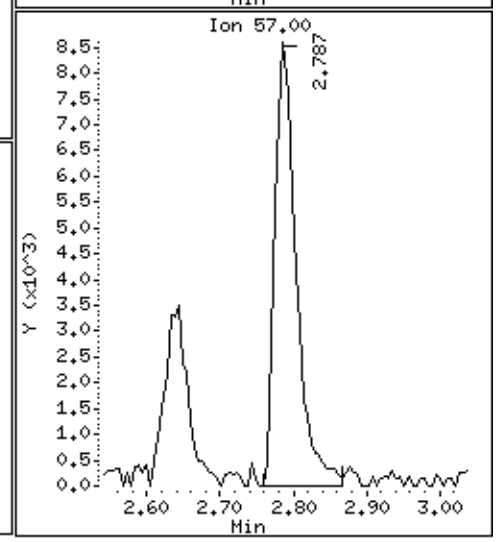












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

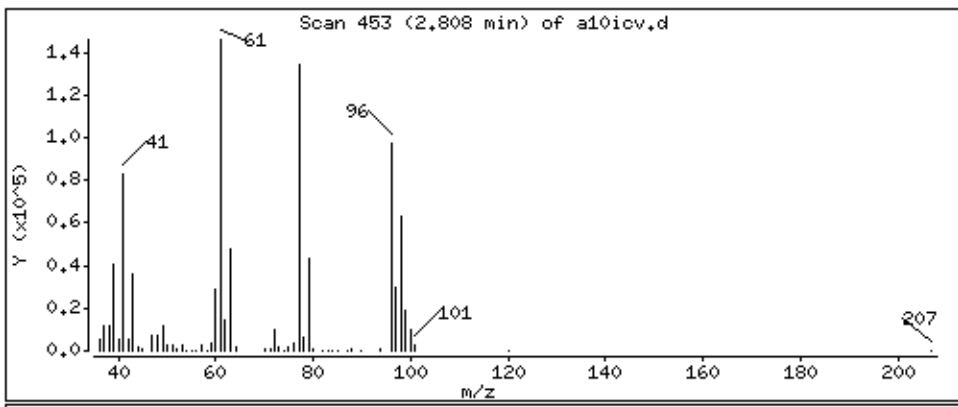
Column phase: DB-624

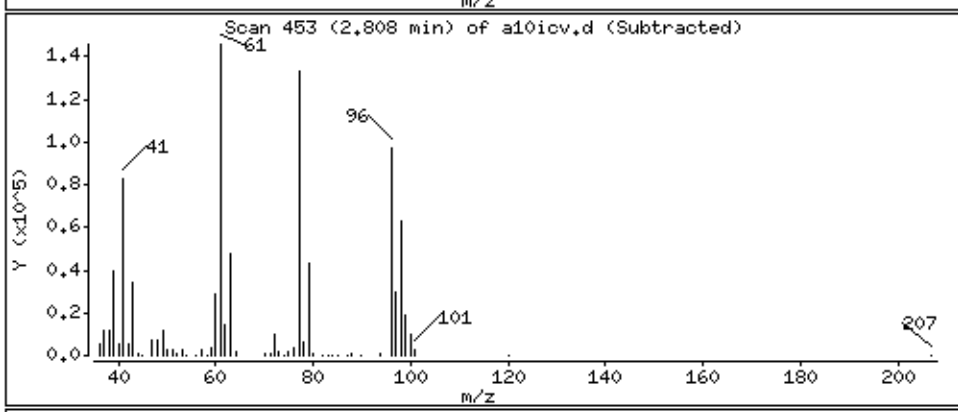
Column diameter: 0.18

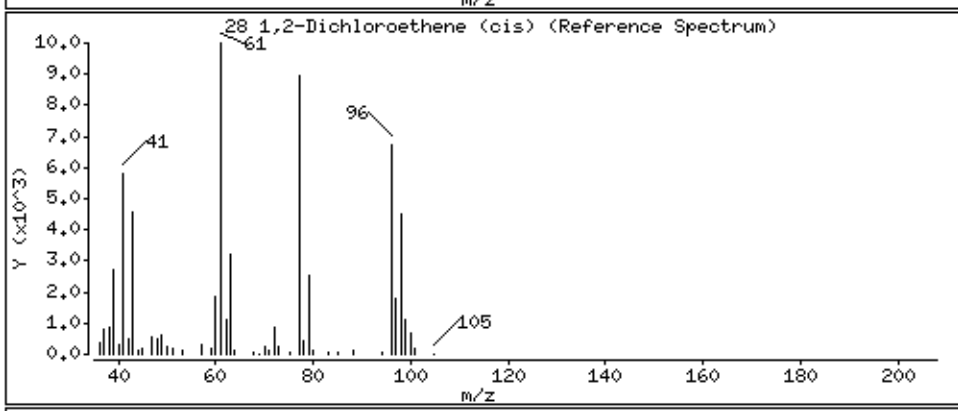
28 1,2-Dichloroethene (cis)

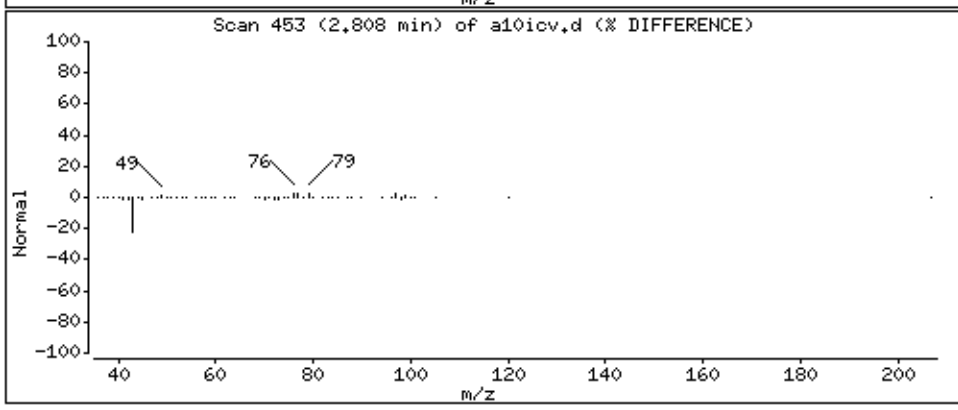
Concentration: 43.8 ppb

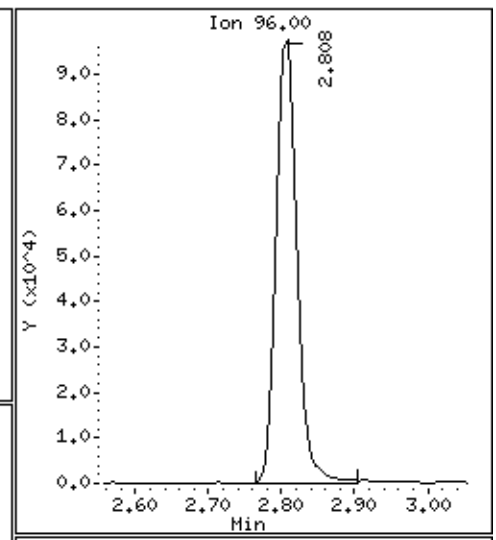
Review Code:

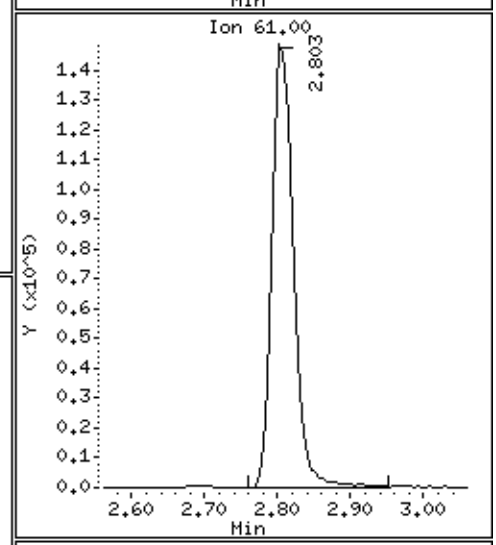


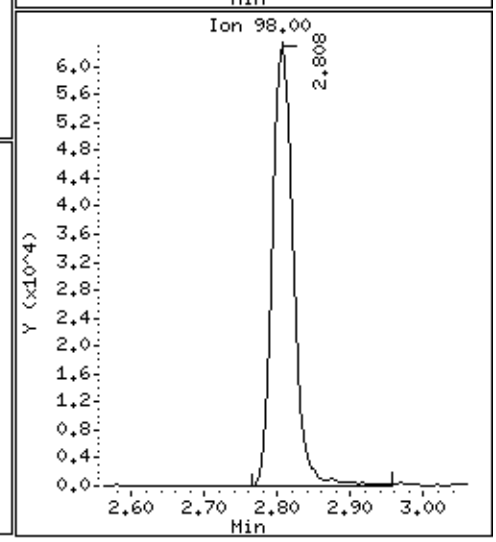












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

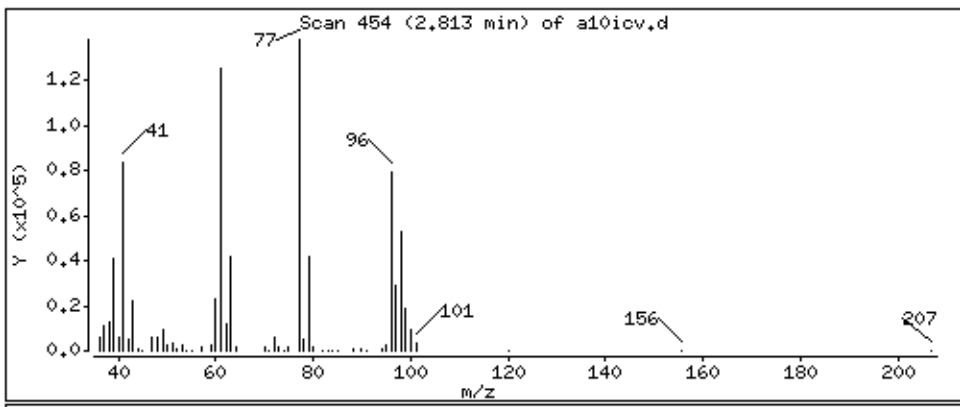
Column phase: DB-624

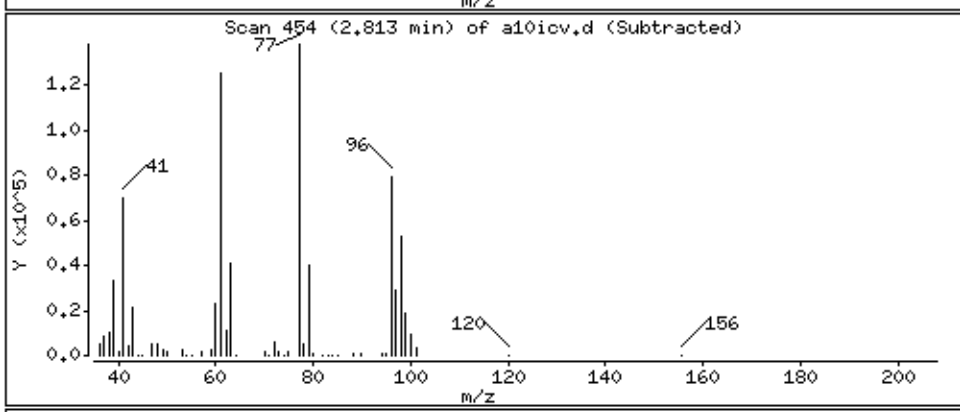
Column diameter: 0.18

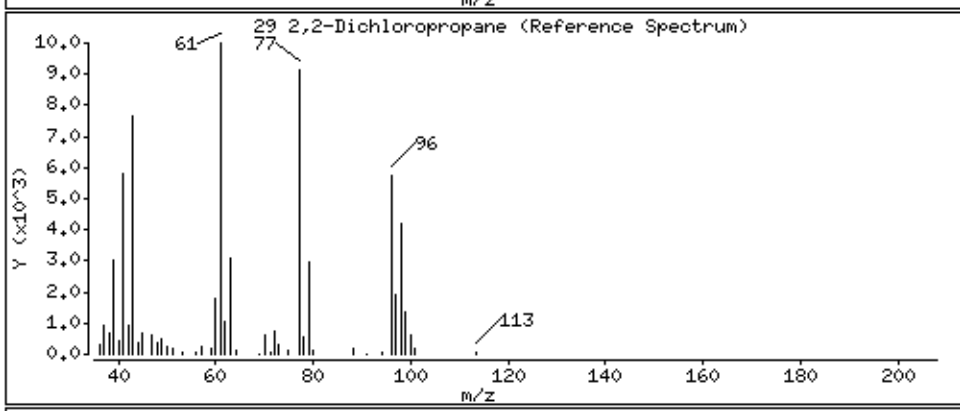
29 2,2-Dichloropropane

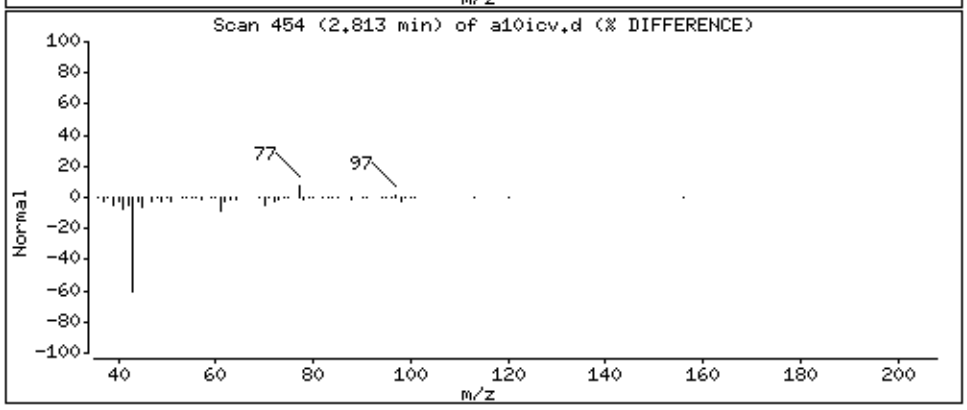
Concentration: 44.0 ppb

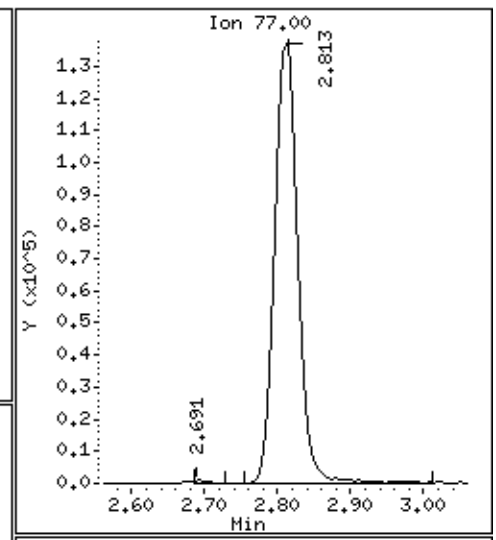
Review Code:

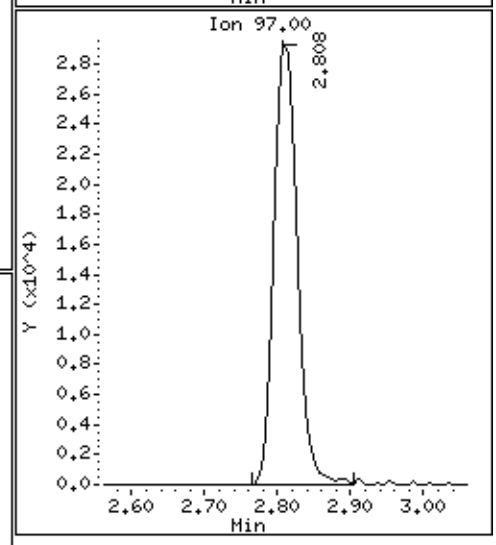












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

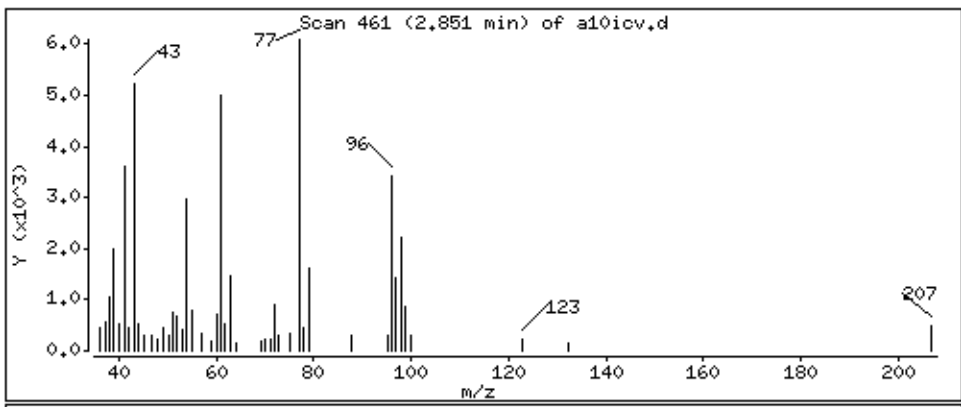
Column phase: DB-624

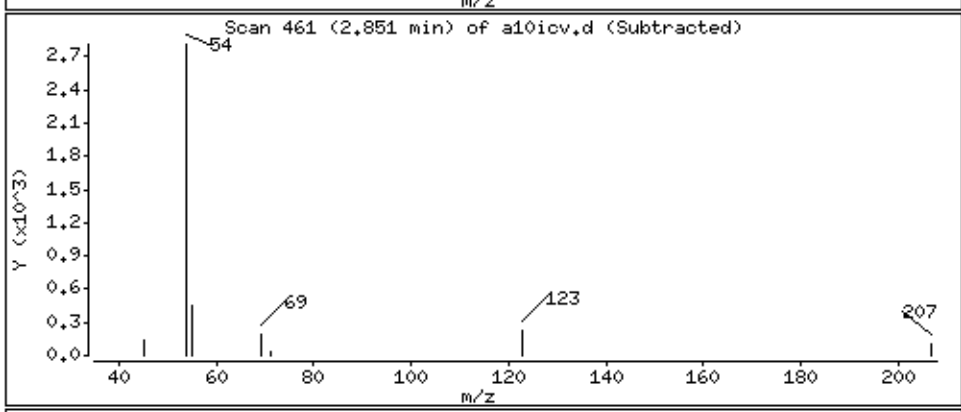
Column diameter: 0.18

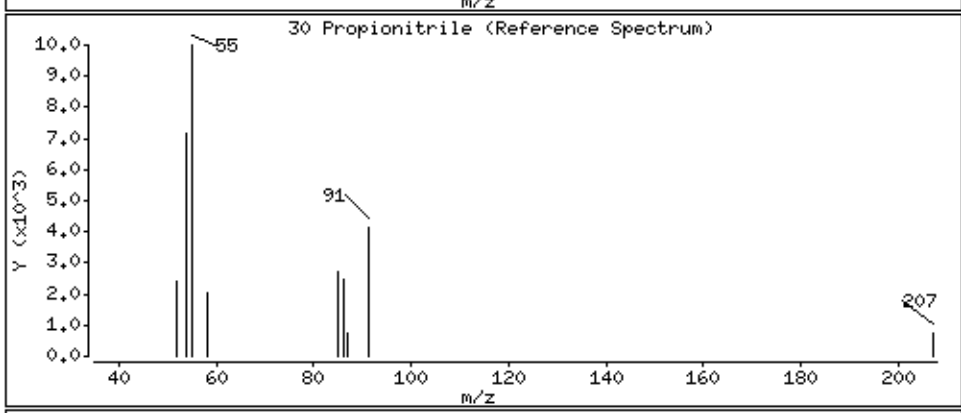
30 Propionitrile

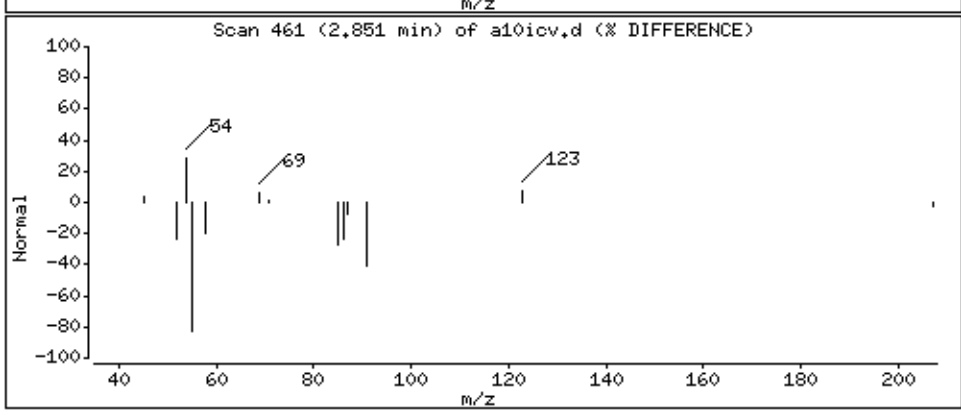
Concentration: 43.2 ppb

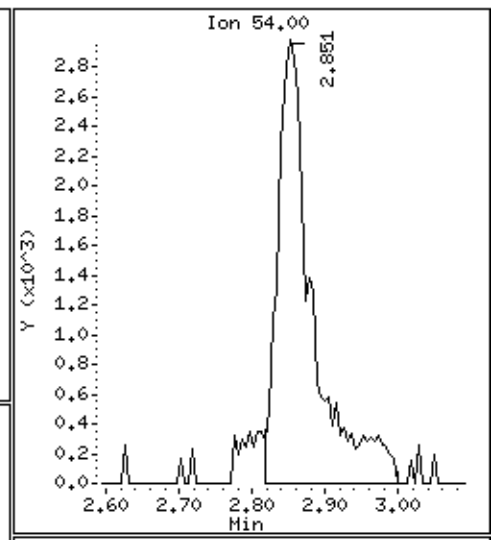
Review Code:

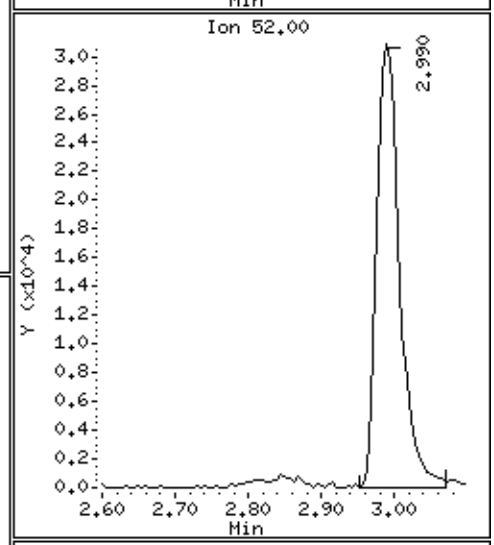


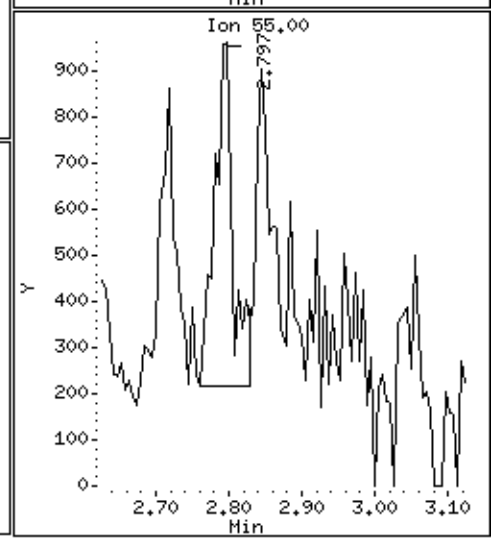












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

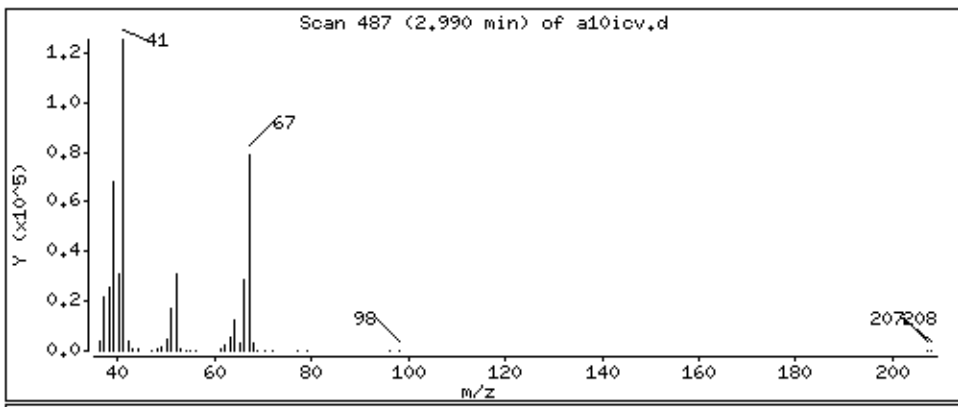
Column phase: DB-624

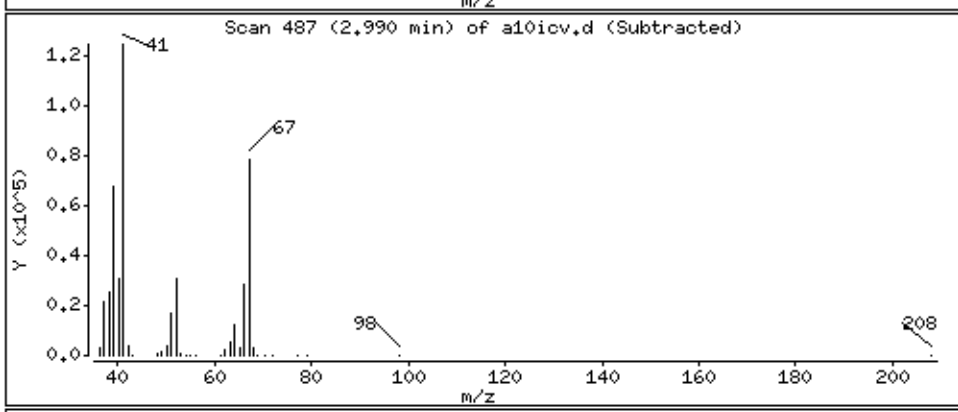
Column diameter: 0.18

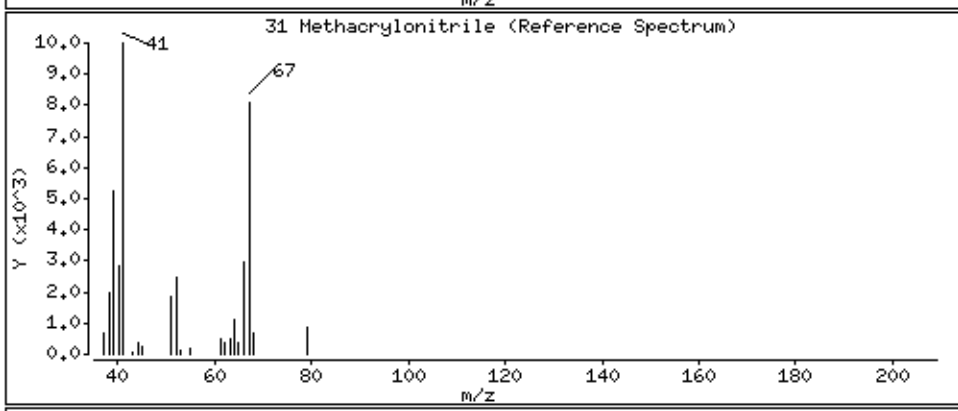
31 Methacrylonitrile

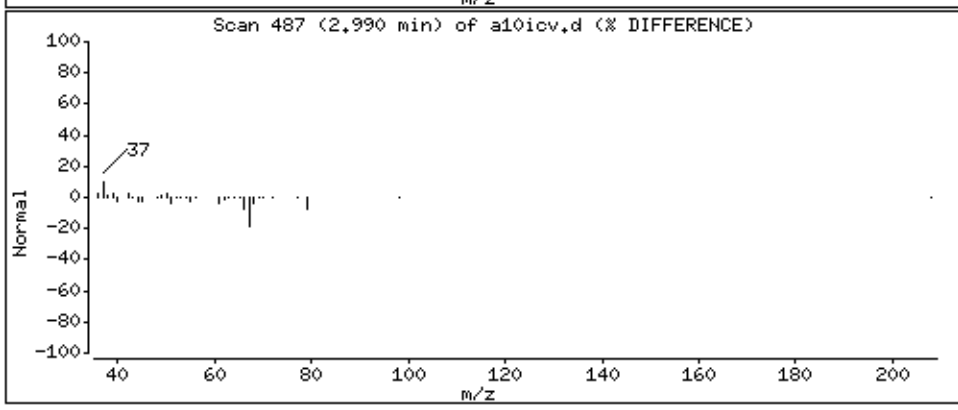
Concentration: 200 ppb

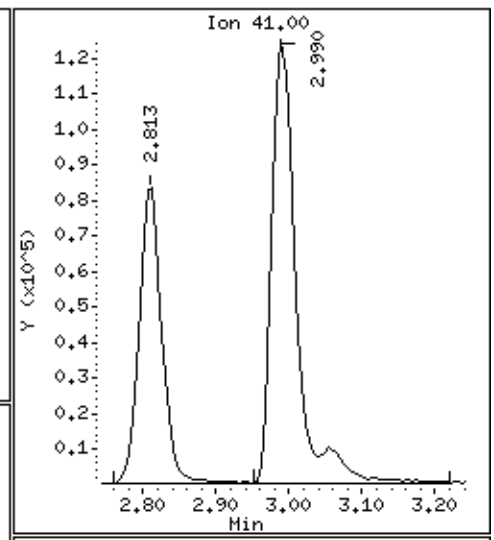
Review Code:

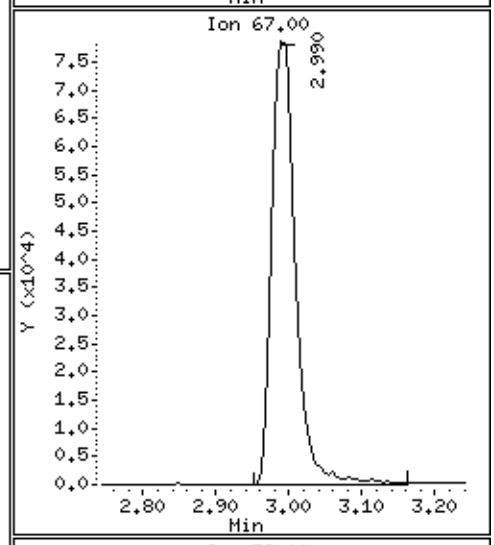


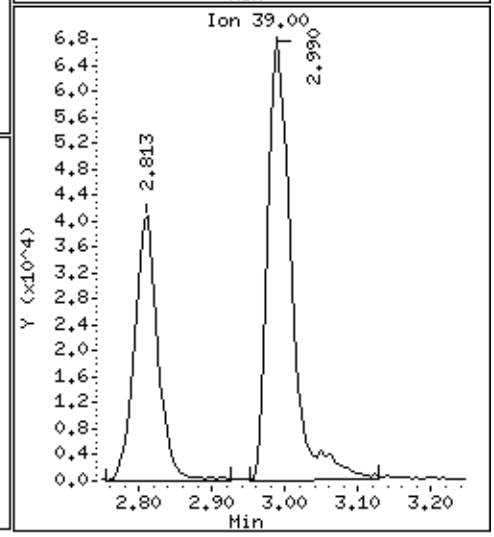












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

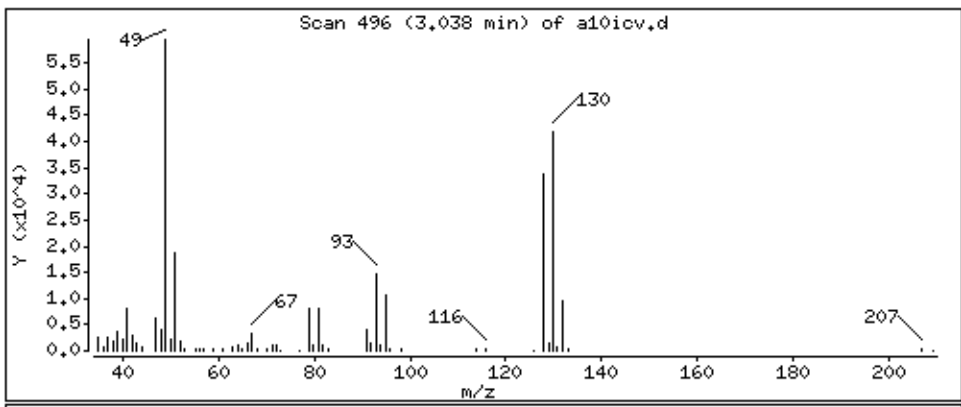
Column phase: DB-624

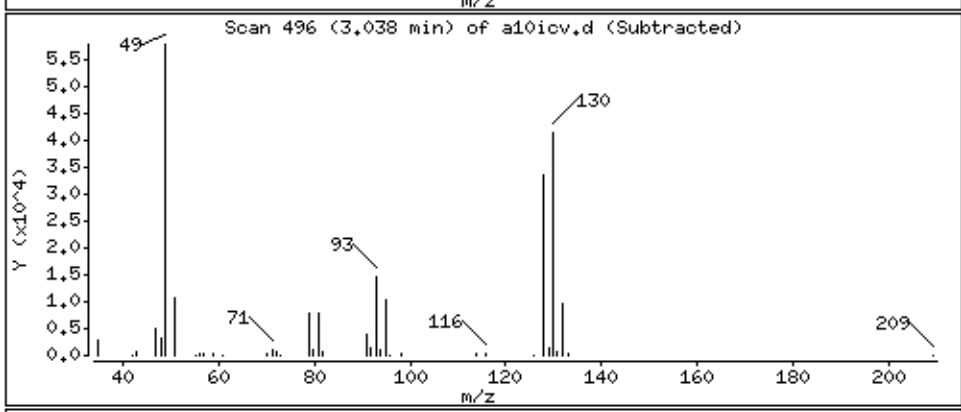
Column diameter: 0.18

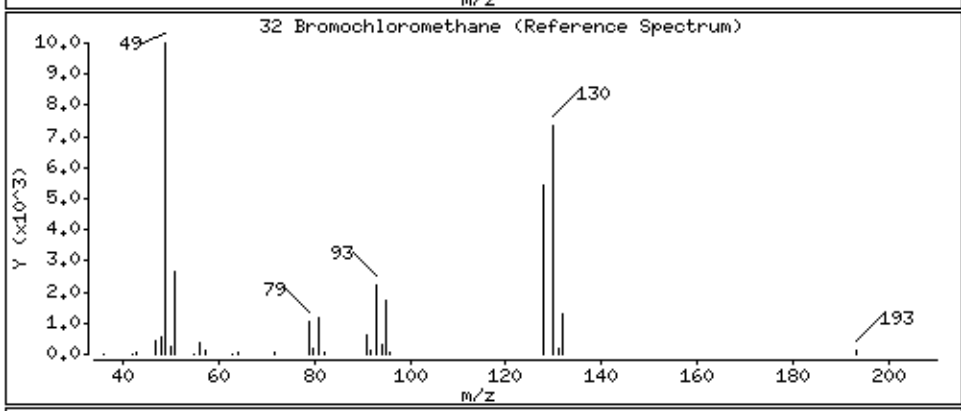
32 Bromochloromethane

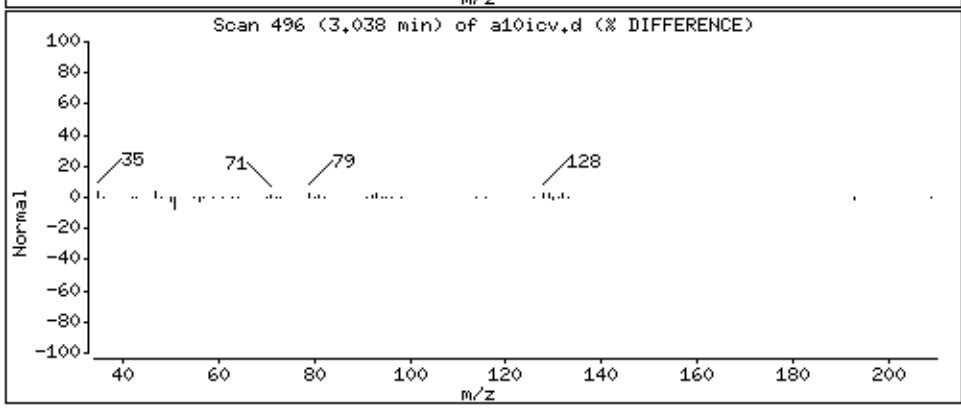
Concentration: 44.5 ppb

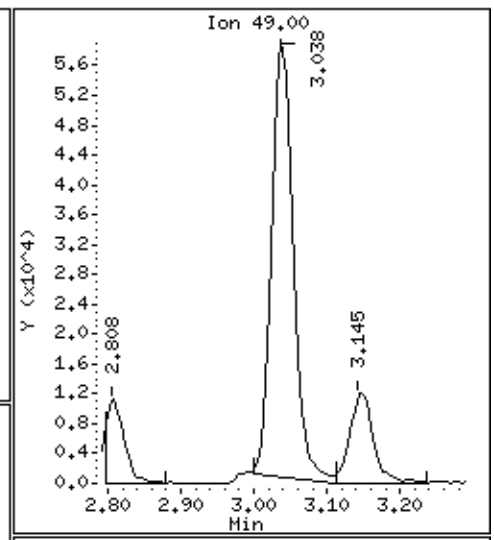
Review Code:

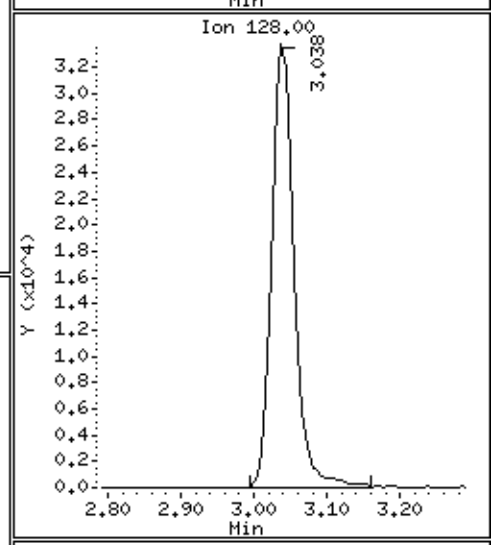


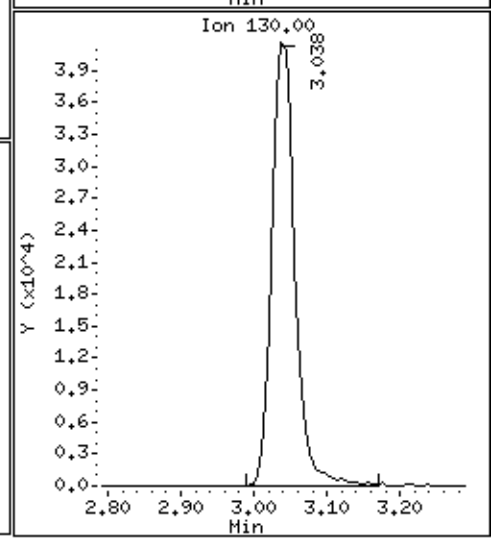












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

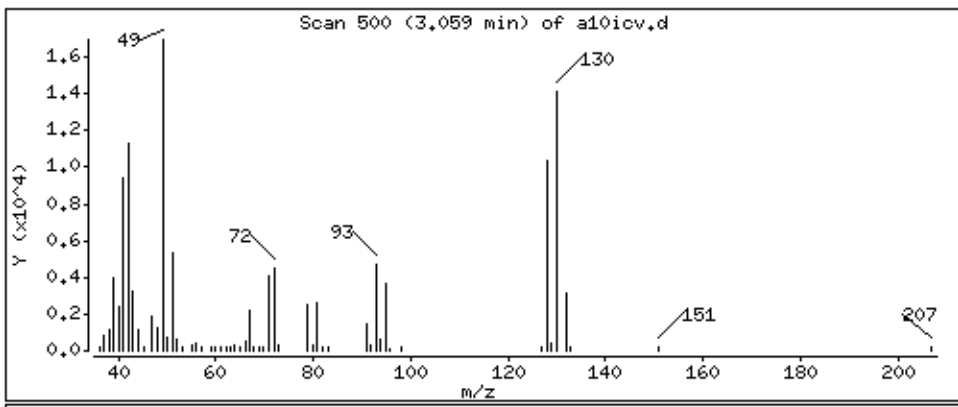
Column phase: DB-624

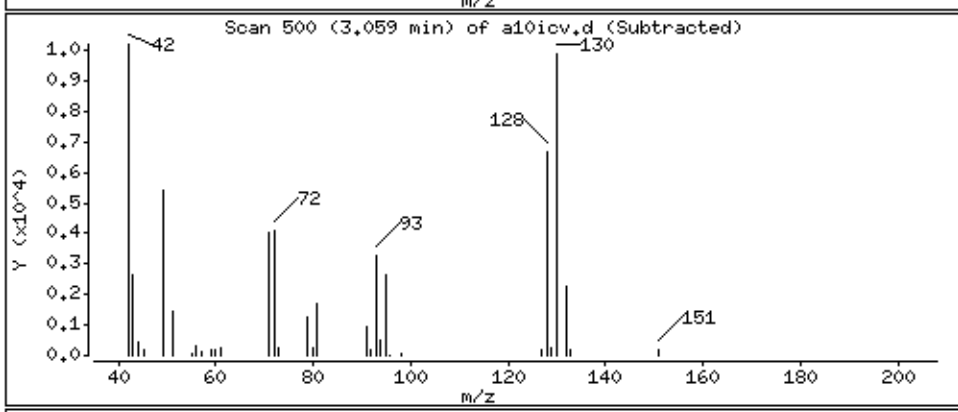
Column diameter: 0.18

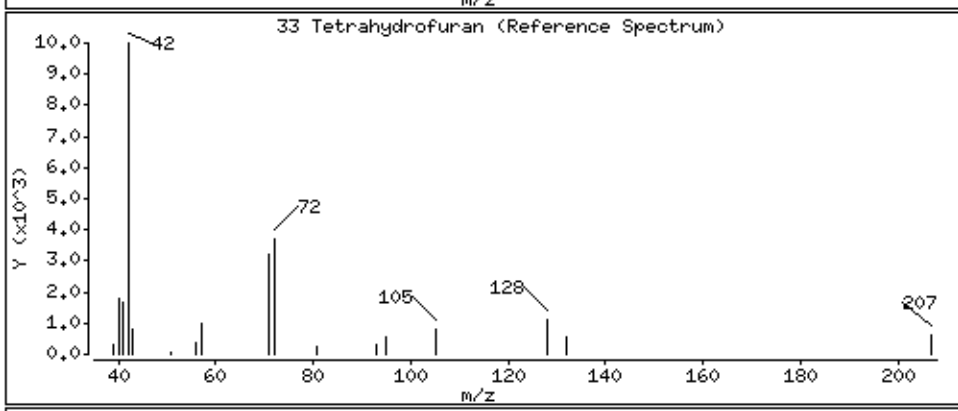
33 Tetrahydrofuran

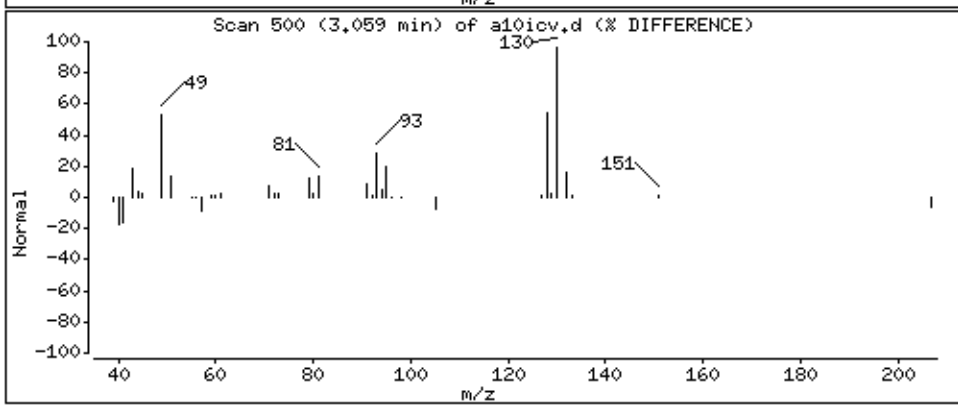
Concentration: 40.4 ppb

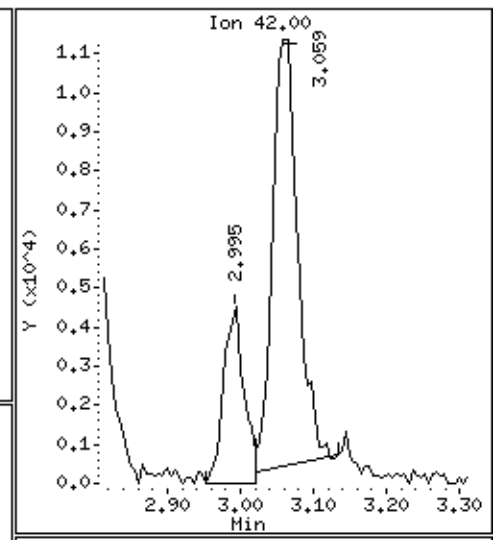
Review Code:

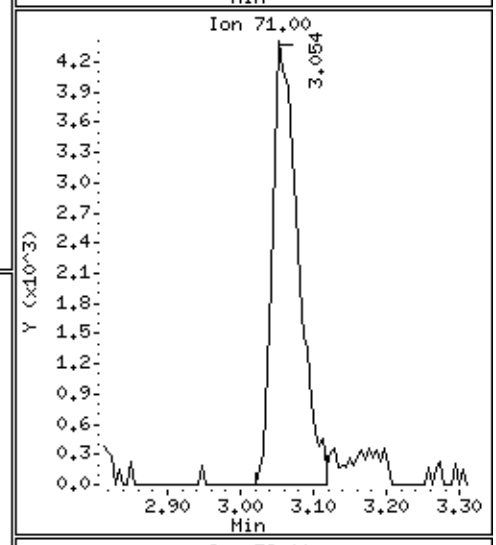


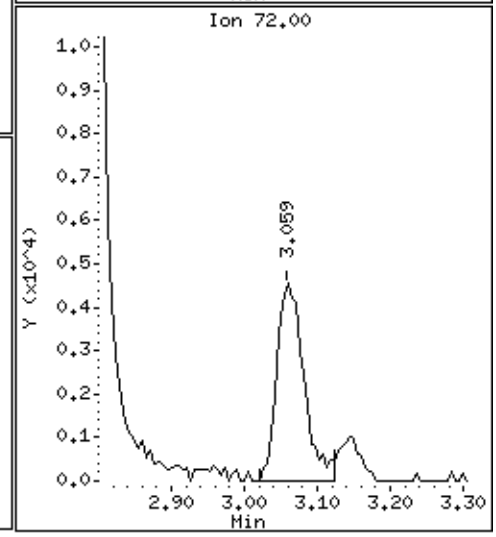












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

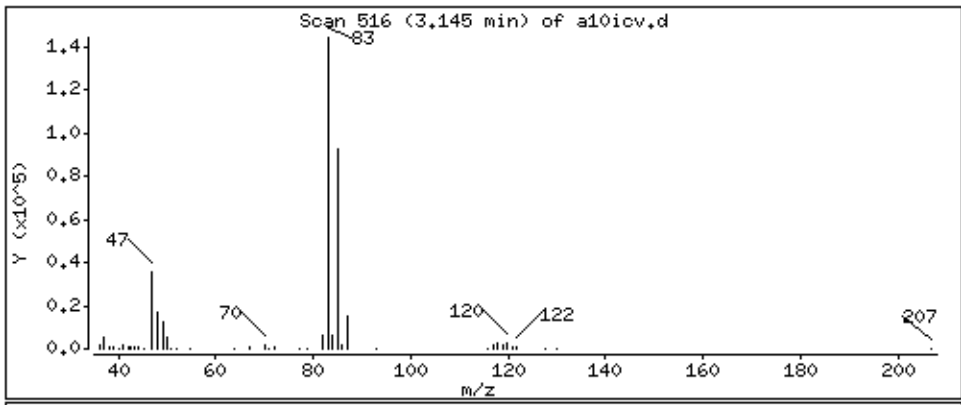
Column phase: DB-624

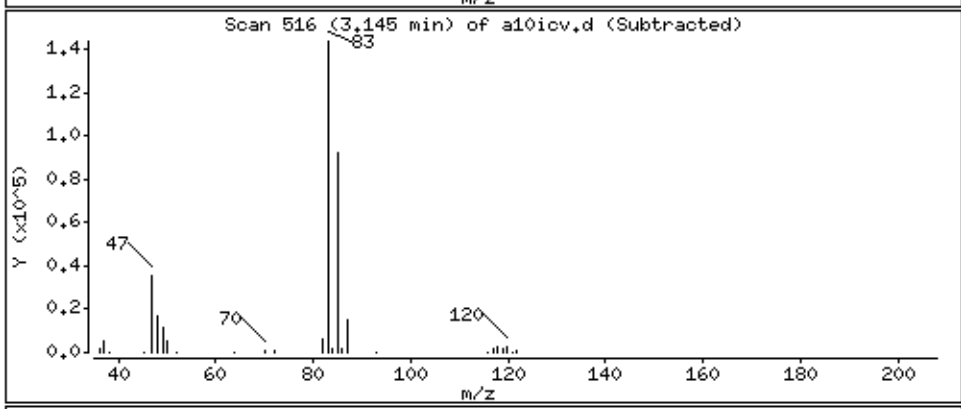
Column diameter: 0.18

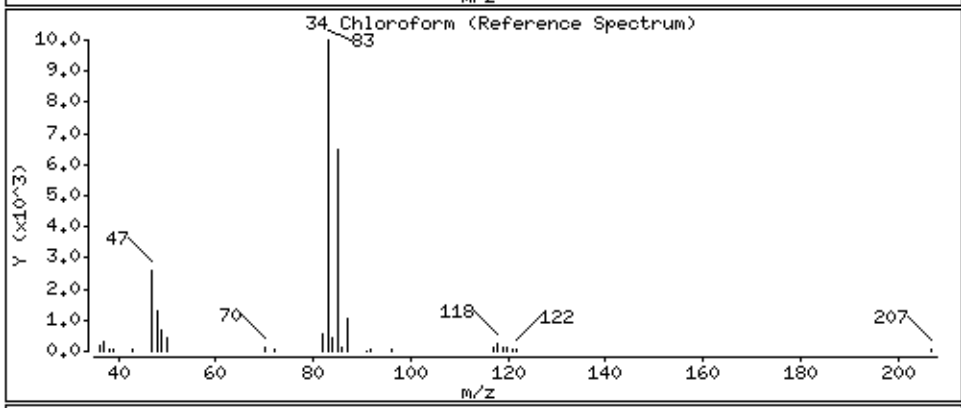
34 Chloroform

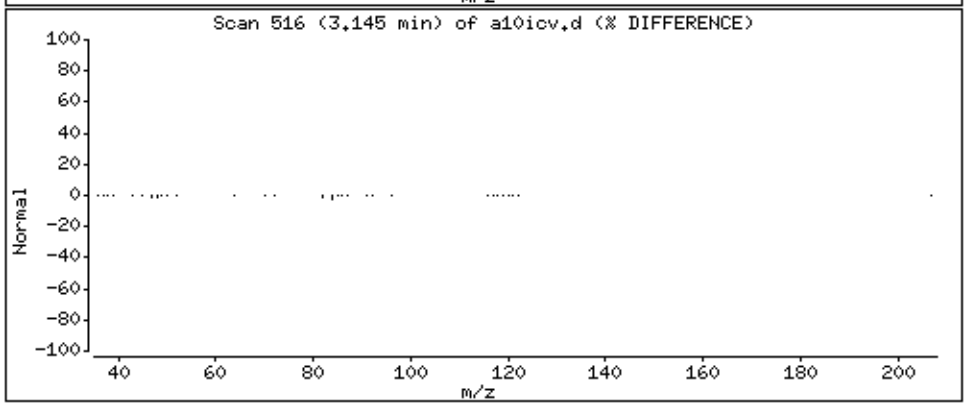
Concentration: 46.6 ppb

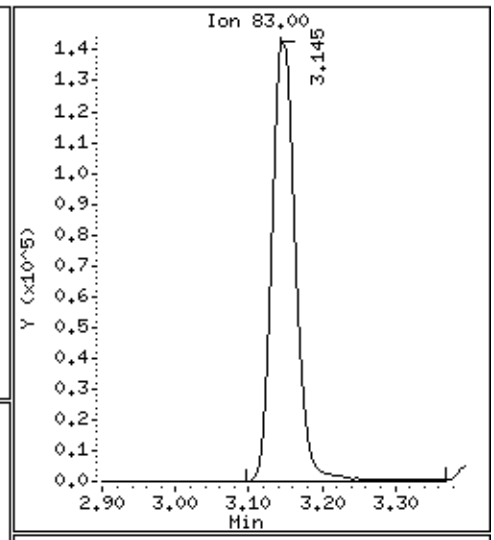
Review Code:

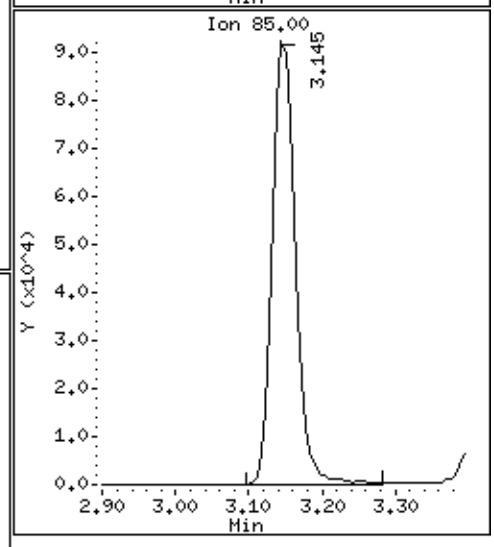












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

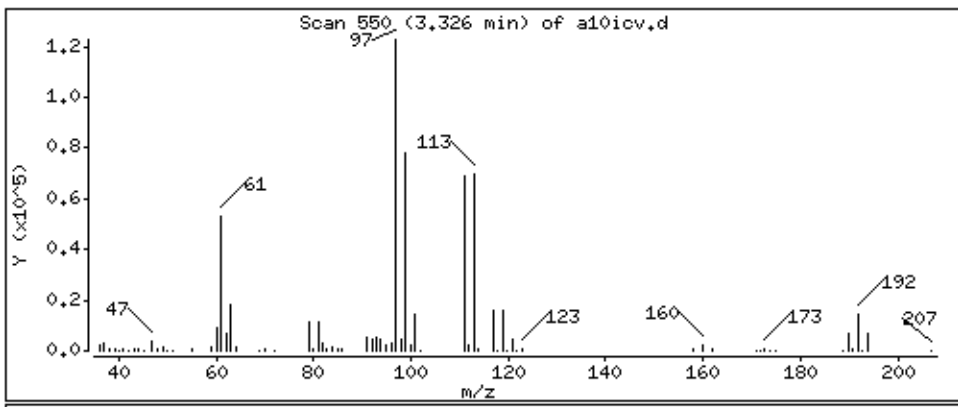
Column phase: DB-624

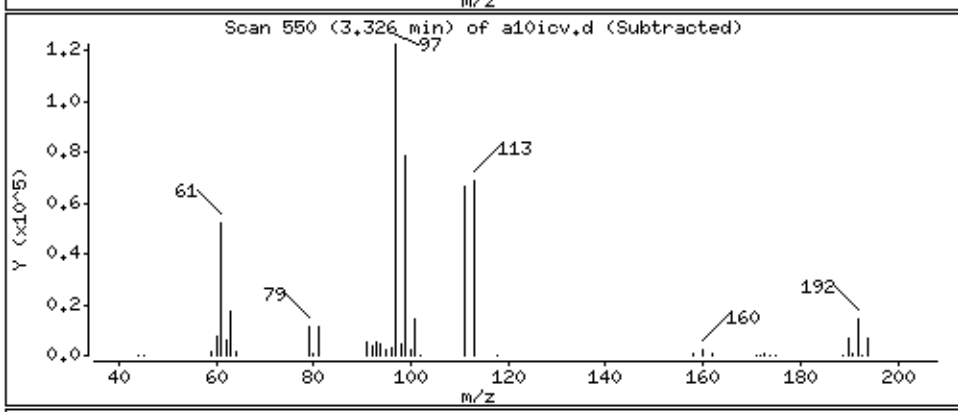
Column diameter: 0.18

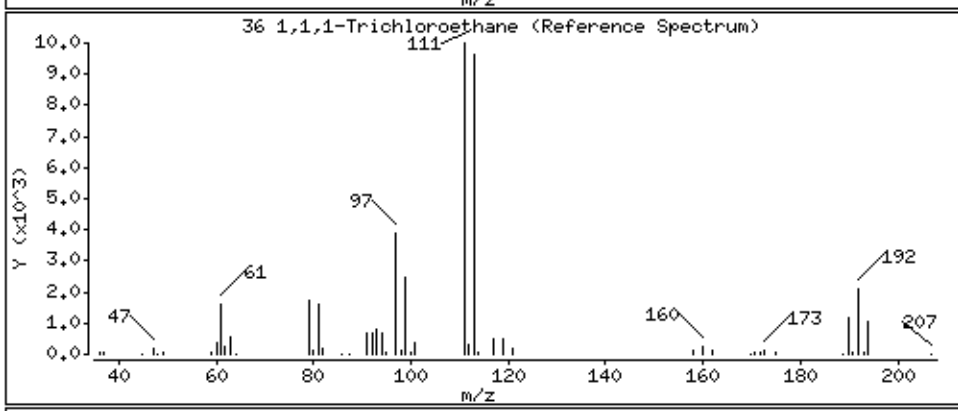
36 1,1,1-Trichloroethane

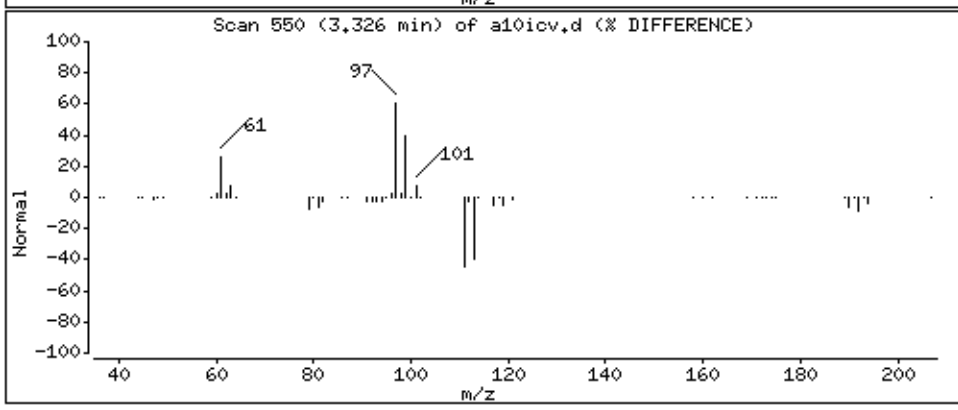
Concentration: 44.7 ppb

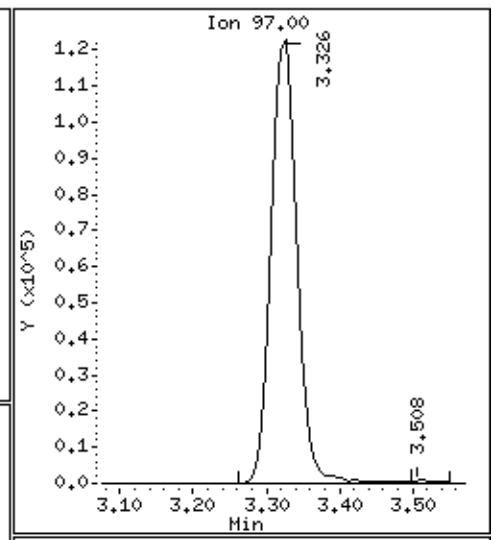
Review Code:

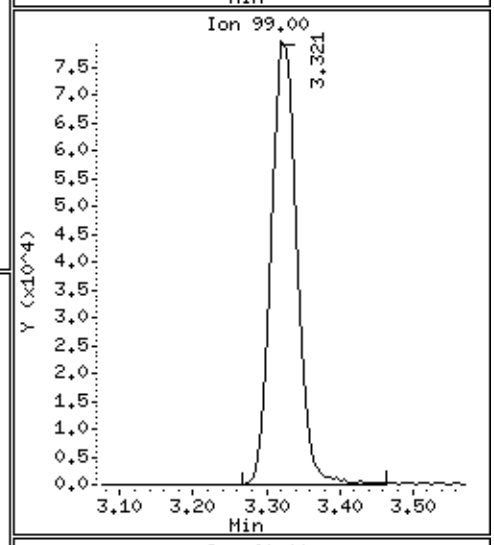


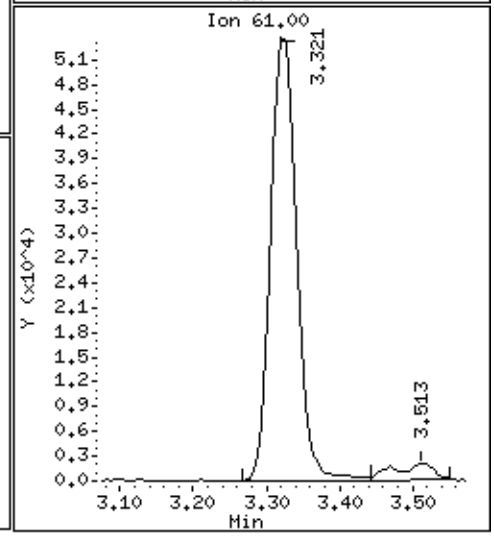












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

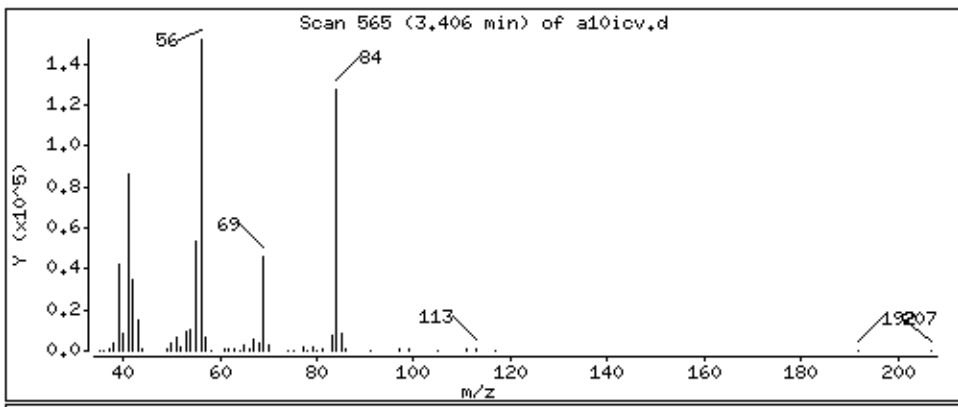
Column phase: DB-624

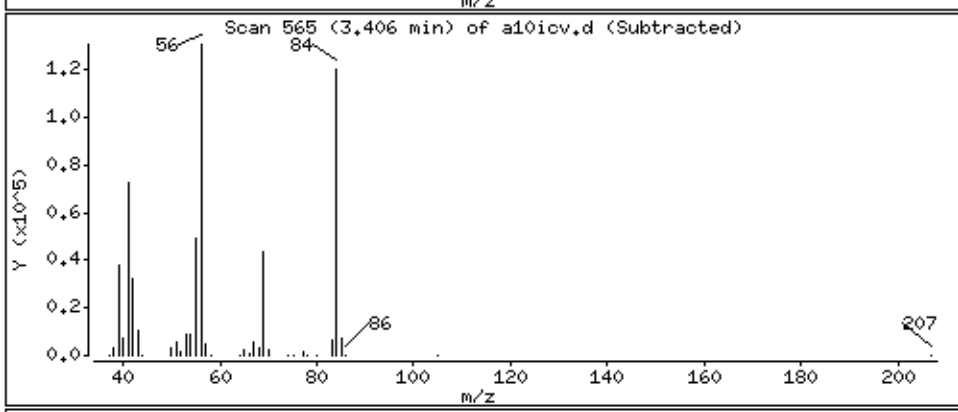
Column diameter: 0.18

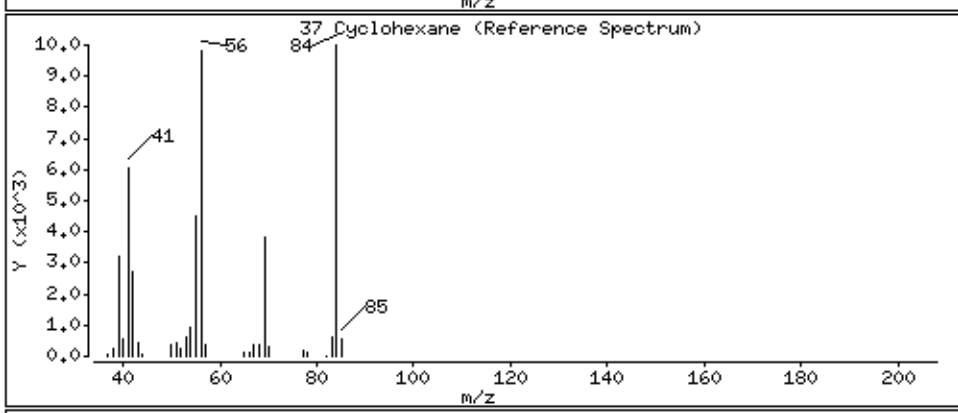
37 Cyclohexane

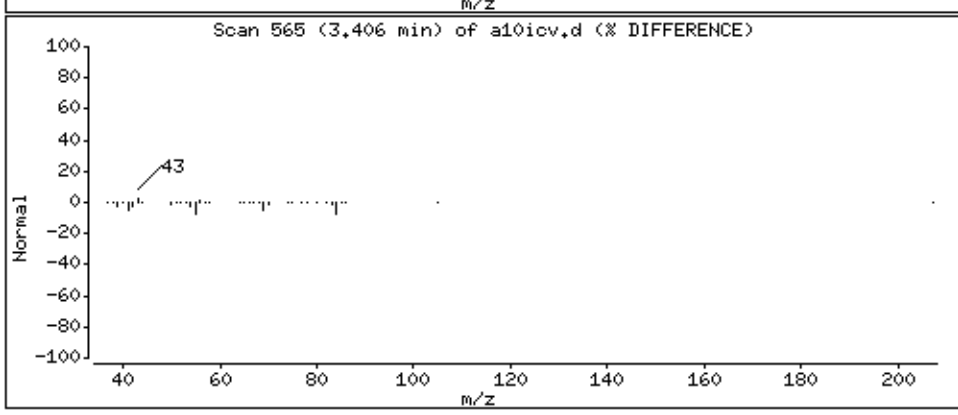
Concentration: 45.9 ppb

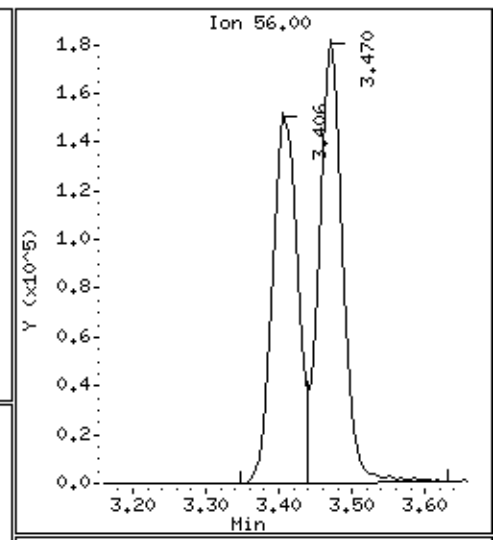
Review Code:

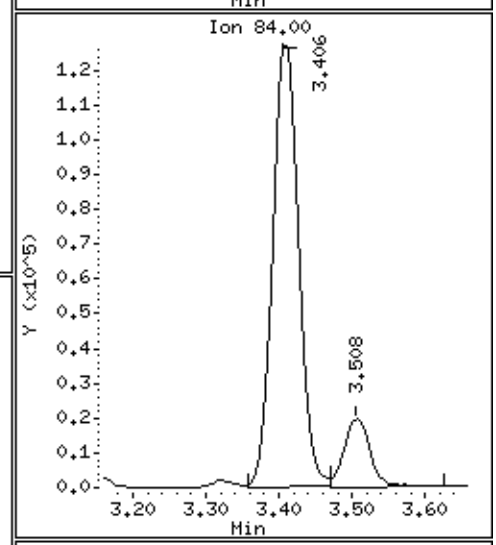


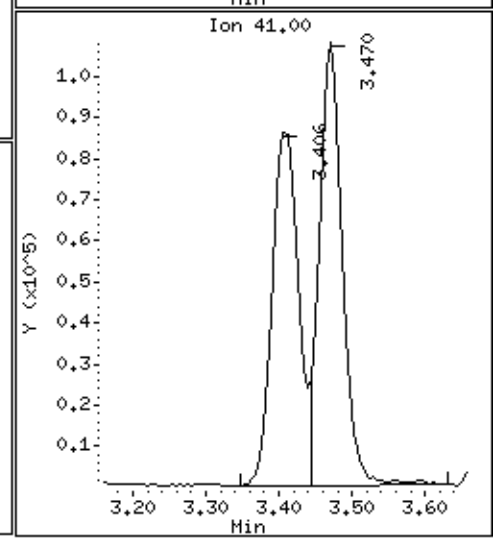












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

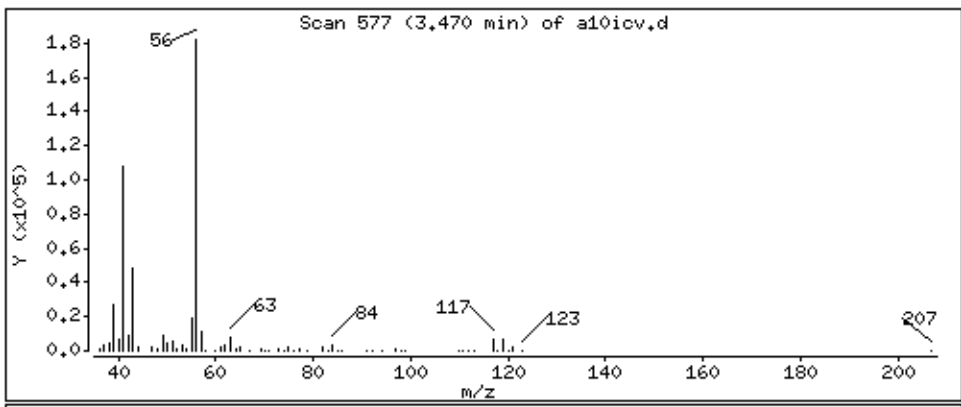
Column phase: DB-624

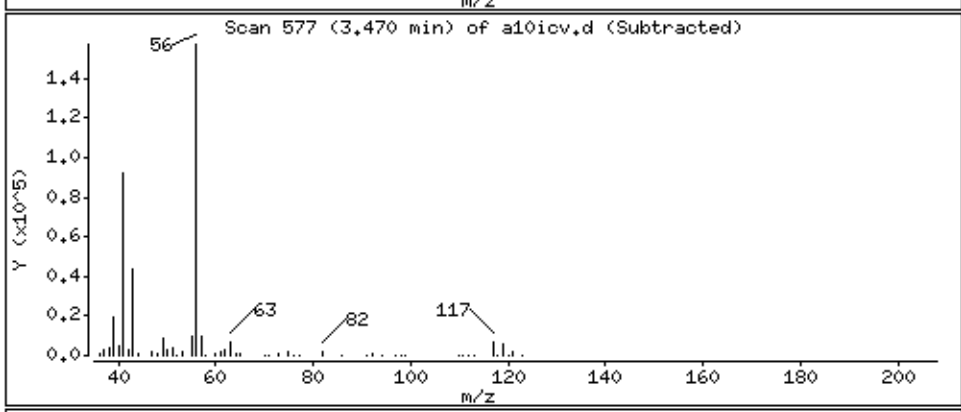
Column diameter: 0.18

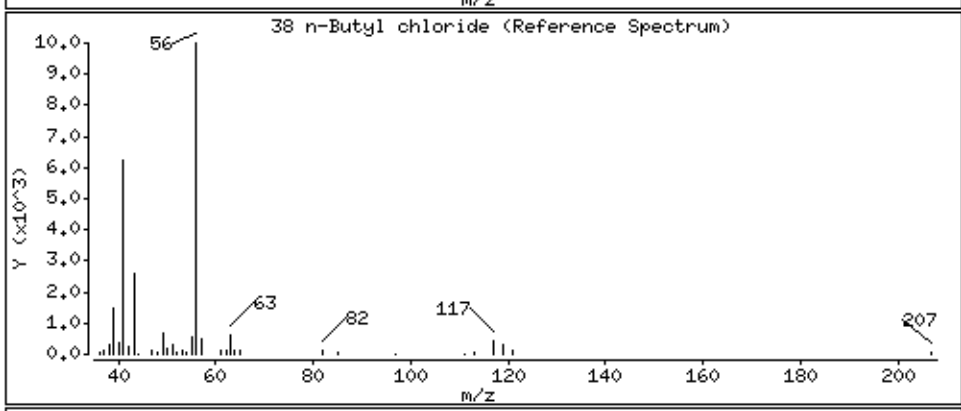
38 n-Butyl chloride

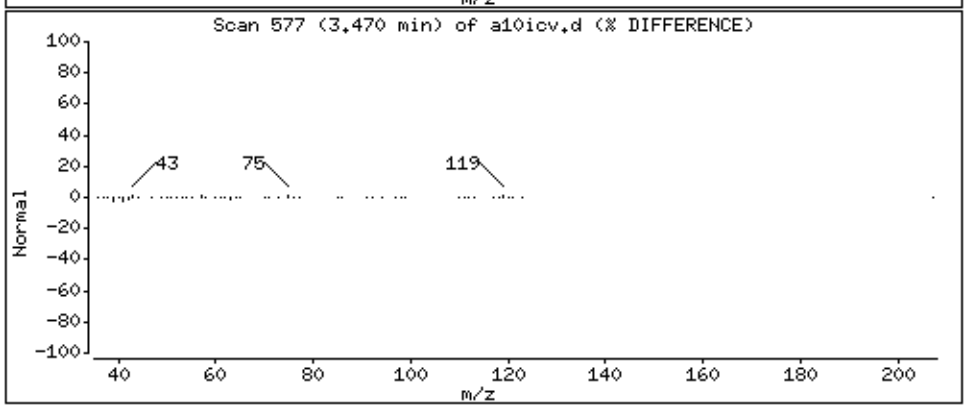
Concentration: 45.0 ppb

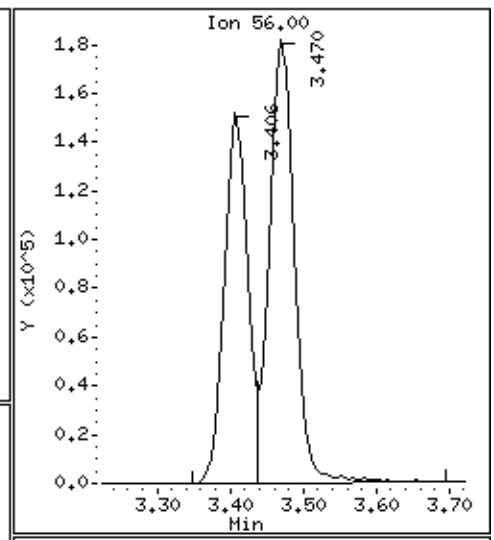
Review Code:

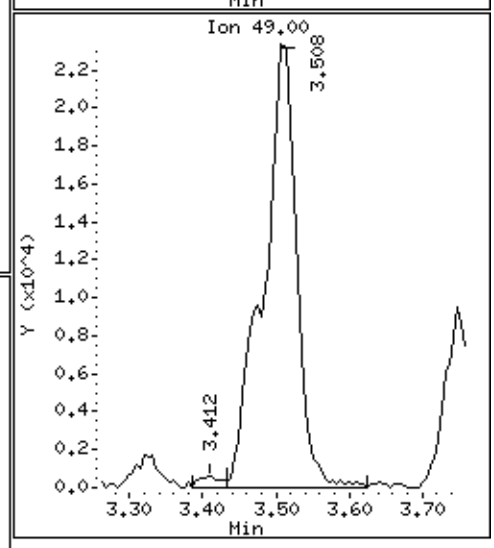












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

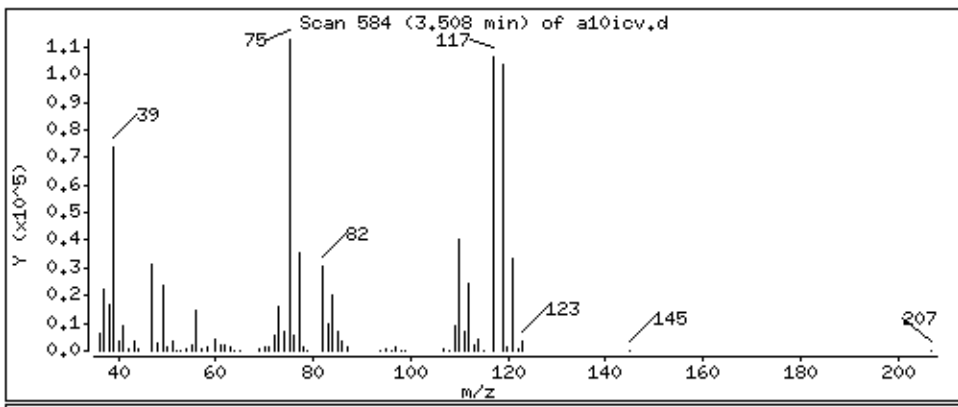
Column phase: DB-624

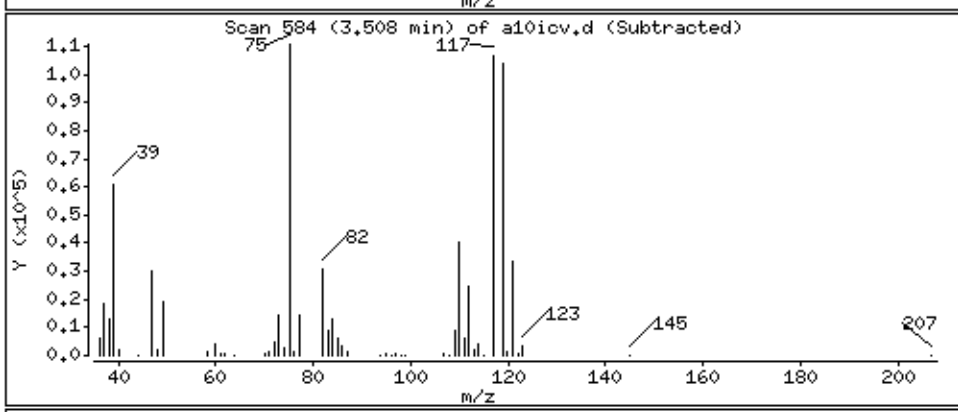
Column diameter: 0.18

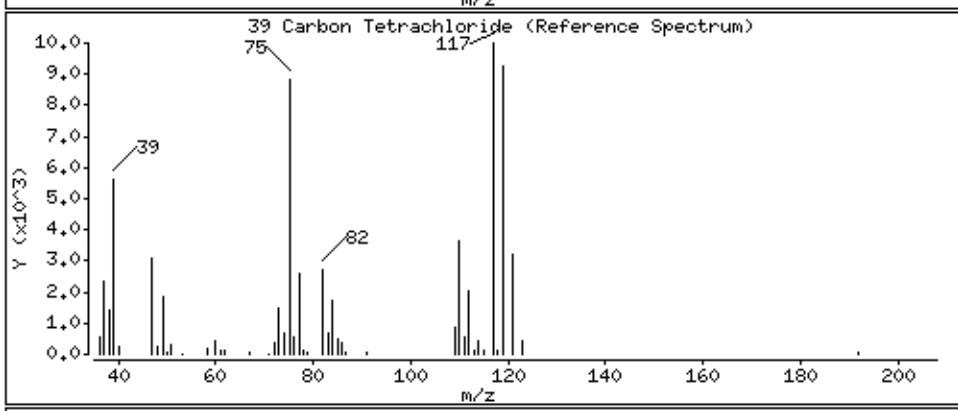
39 Carbon Tetrachloride

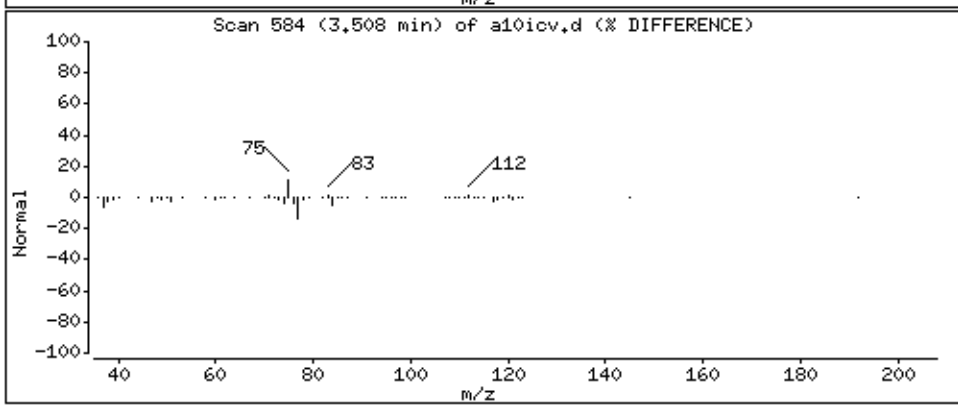
Concentration: 46.0 ppb

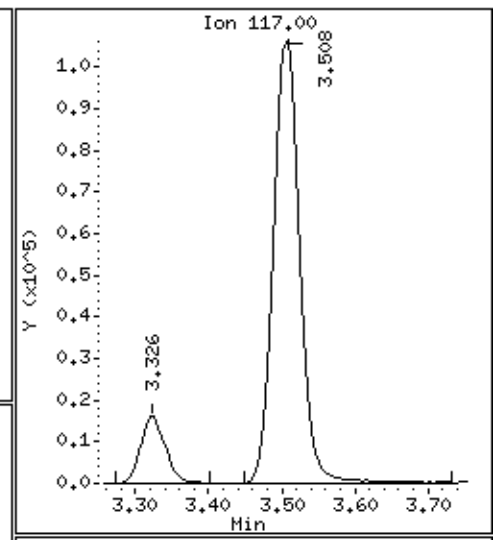
Review Code:

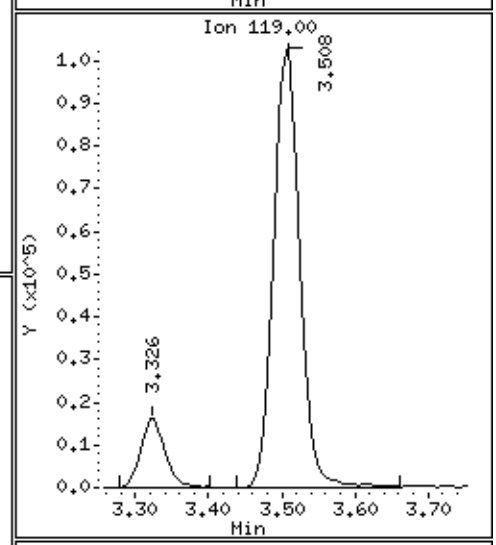


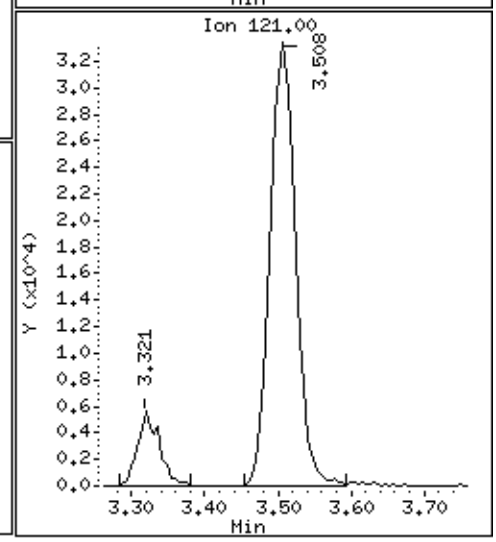












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

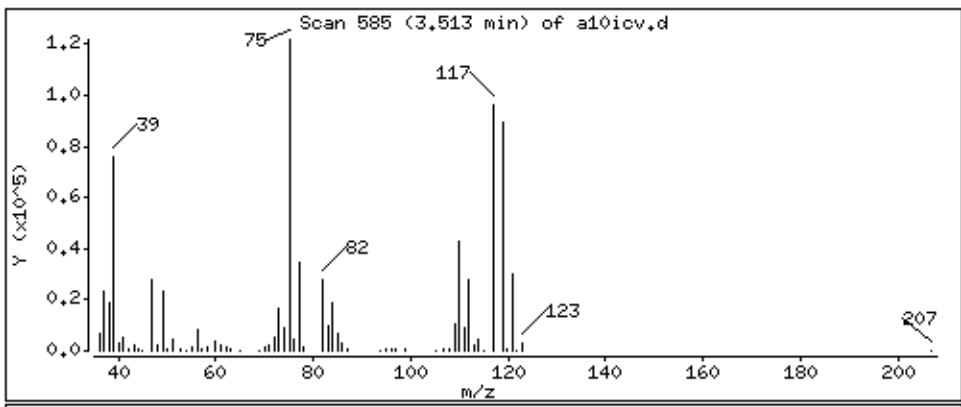
Column phase: DB-624

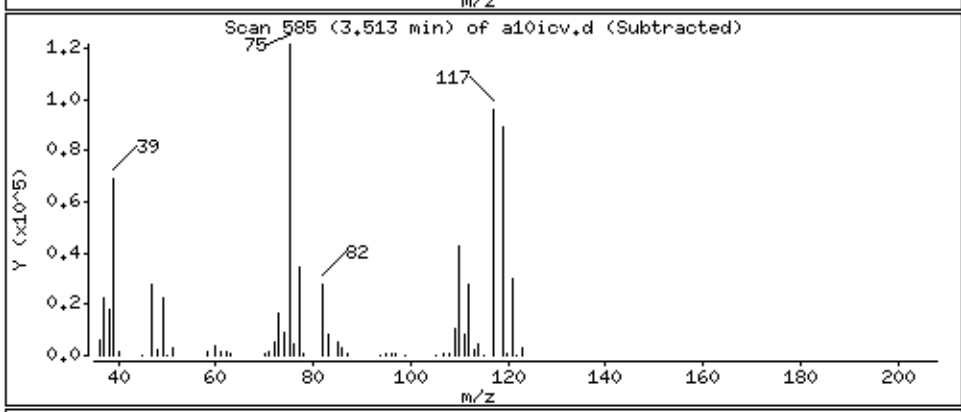
Column diameter: 0.18

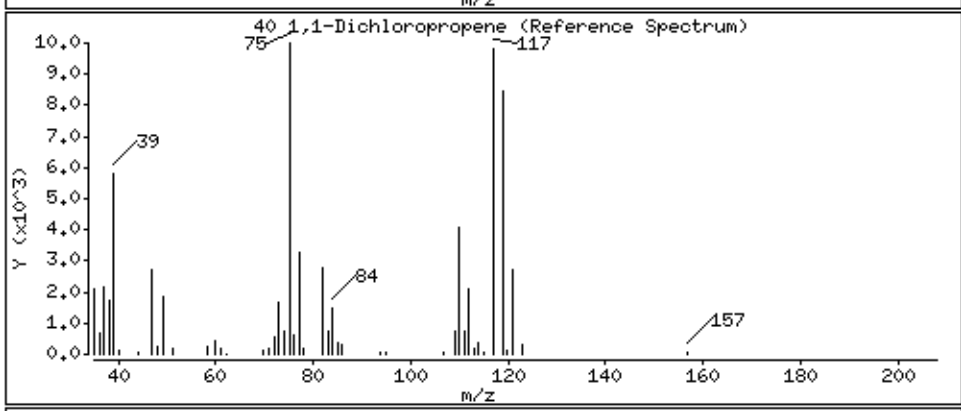
40 1,1-Dichloropropene

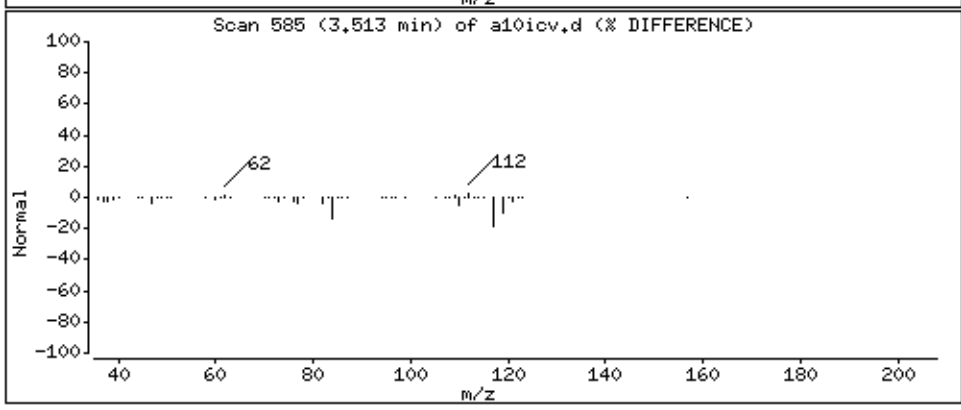
Concentration: 47.9 ppb

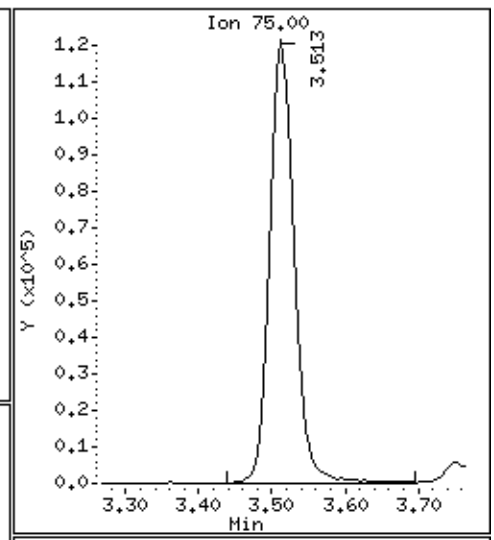
Review Code:

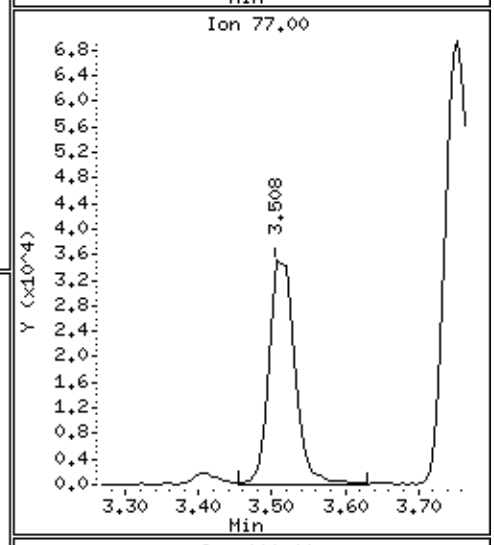


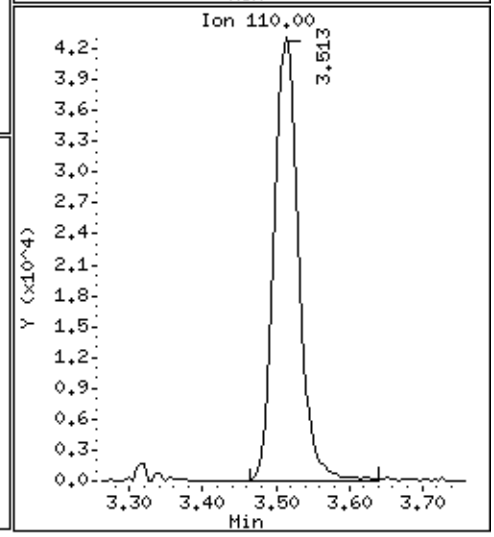












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

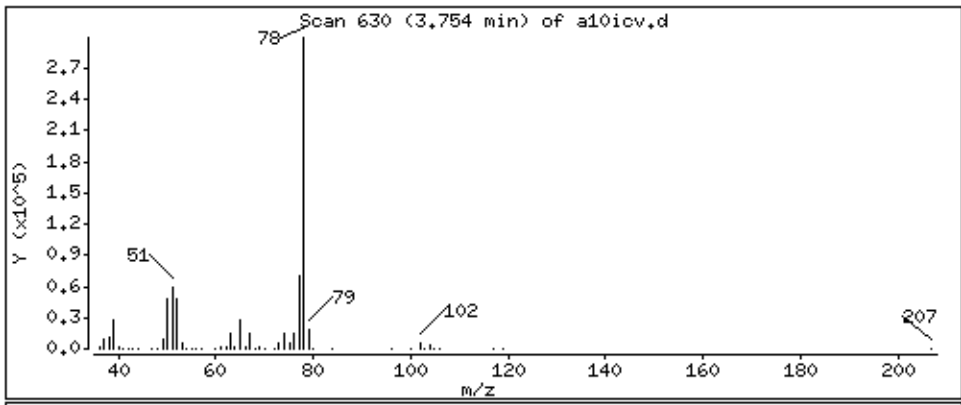
Column phase: DB-624

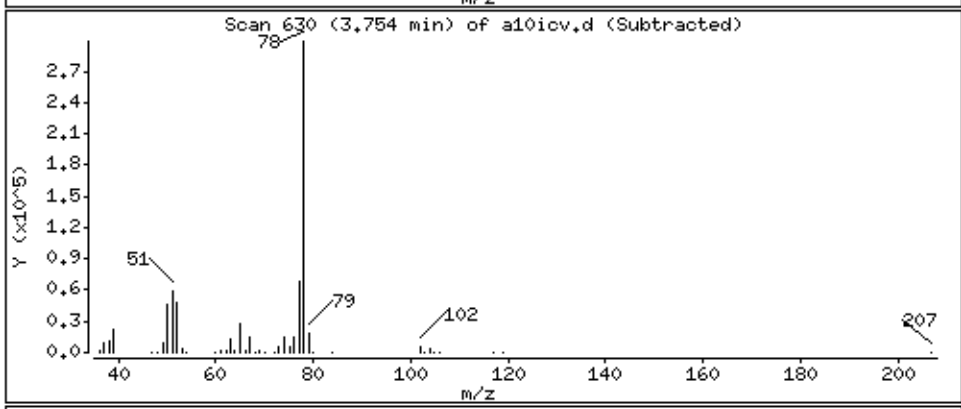
Column diameter: 0.18

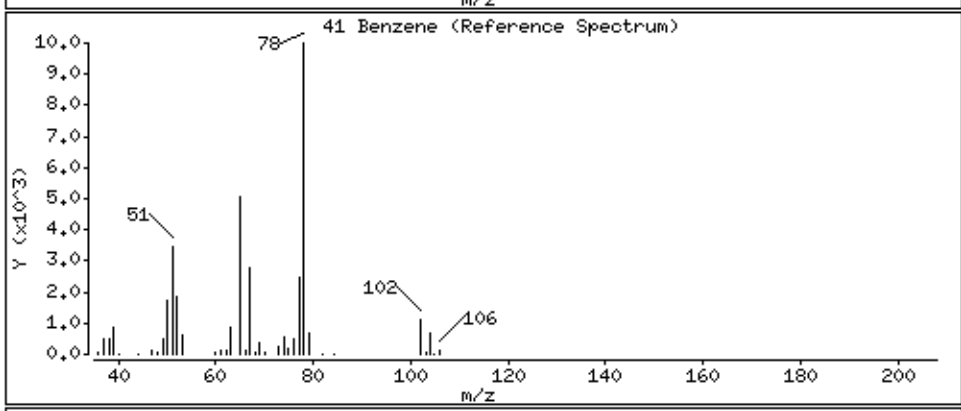
41 Benzene

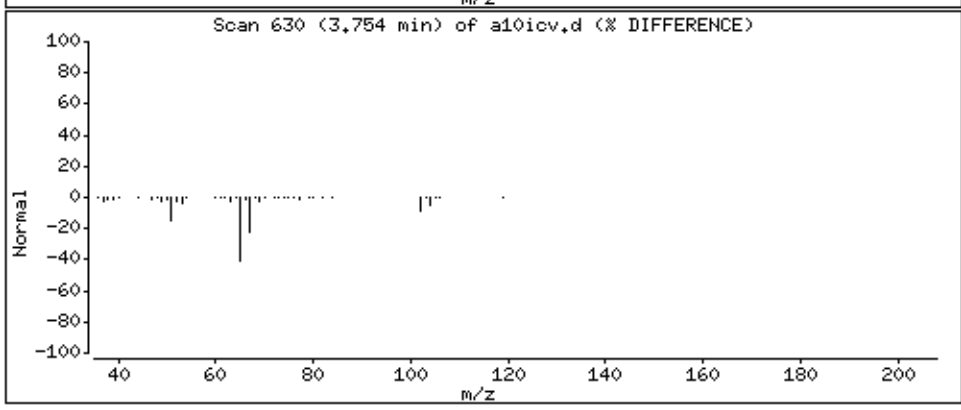
Concentration: 47.5 ppb

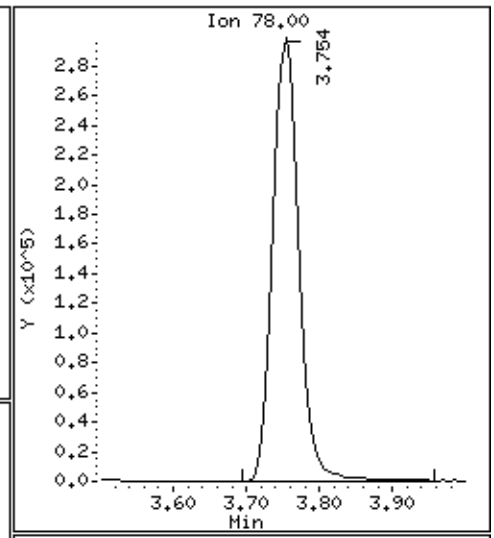
Review Code:

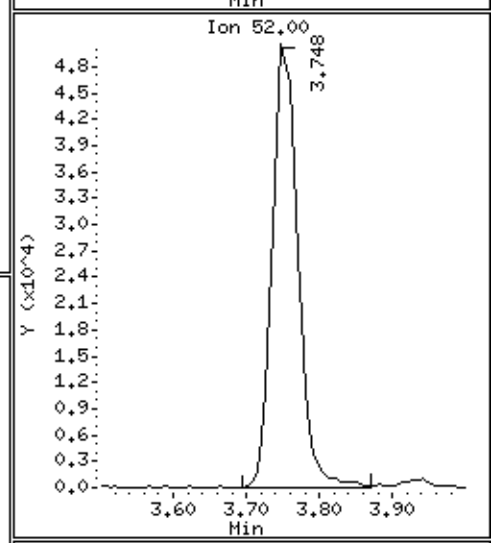


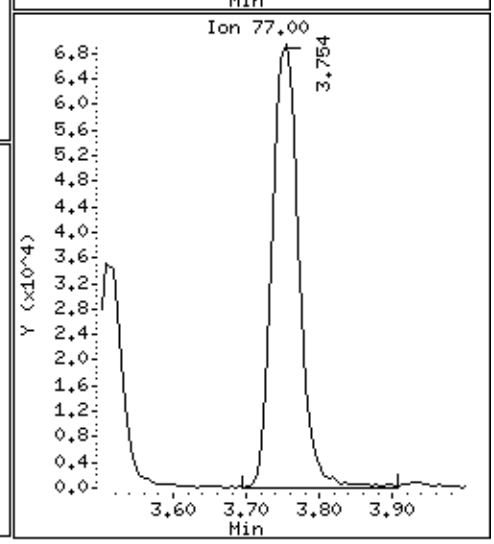












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

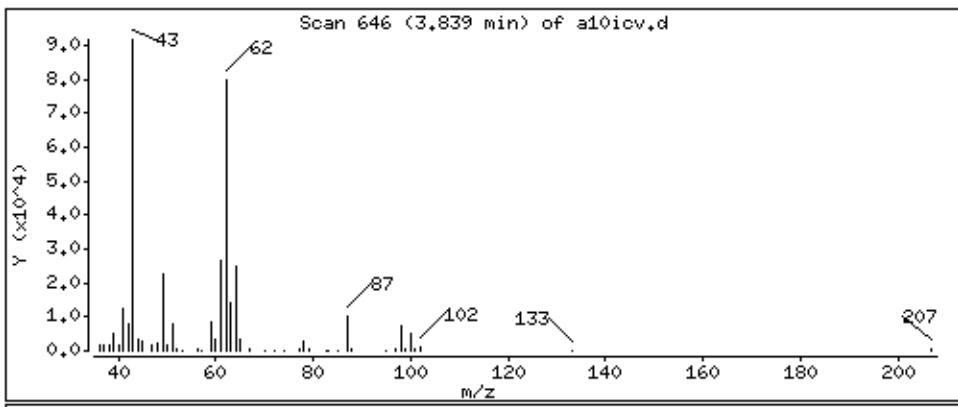
Column phase: DB-624

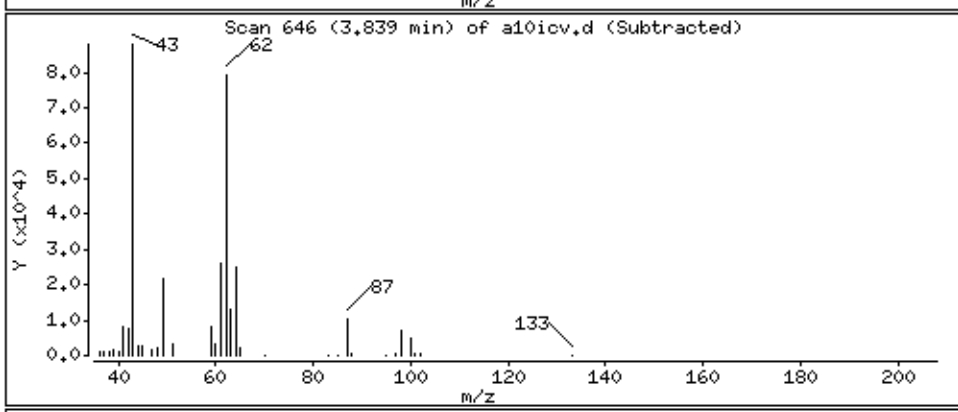
Column diameter: 0.18

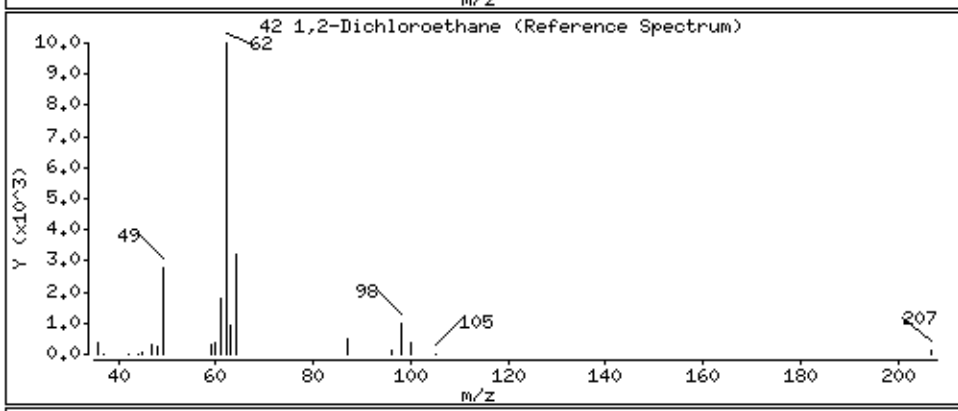
42 1,2-Dichloroethane

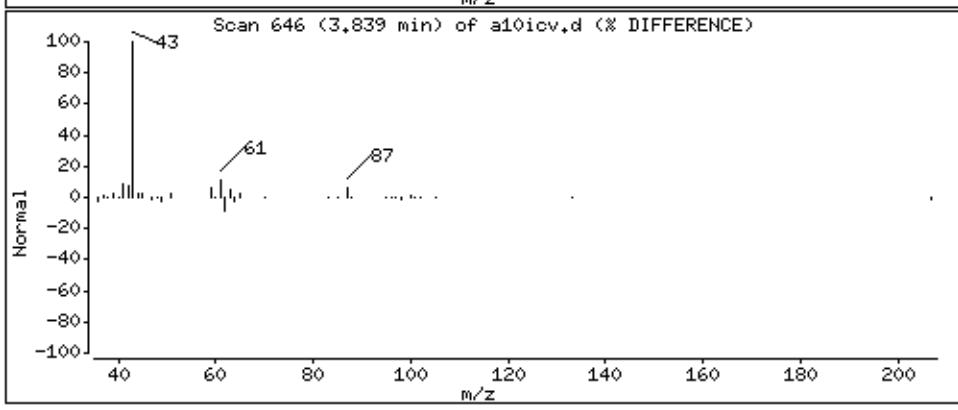
Concentration: 46.3 ppb

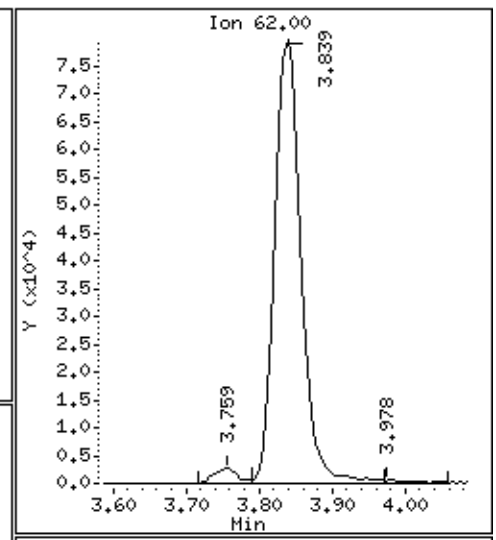
Review Code:

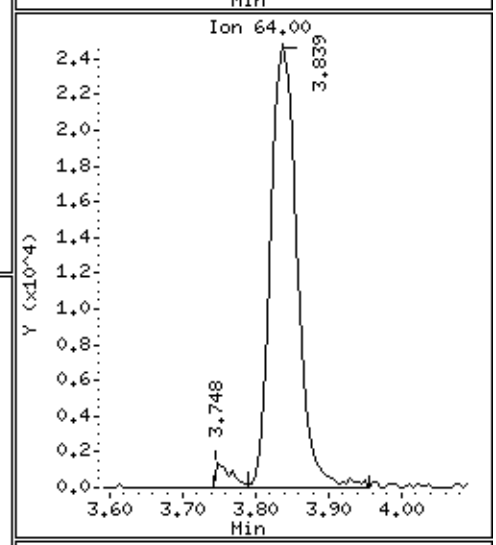


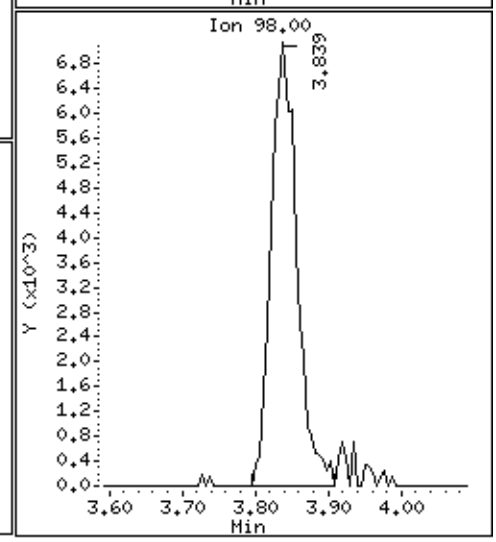












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

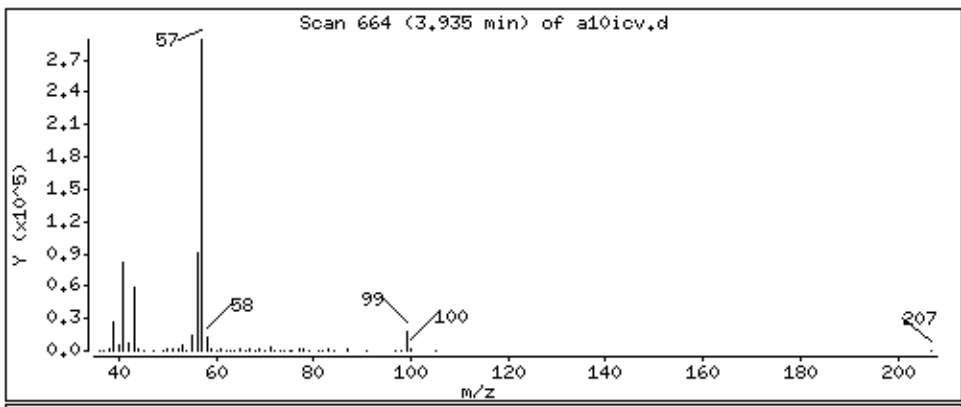
Column phase: DB-624

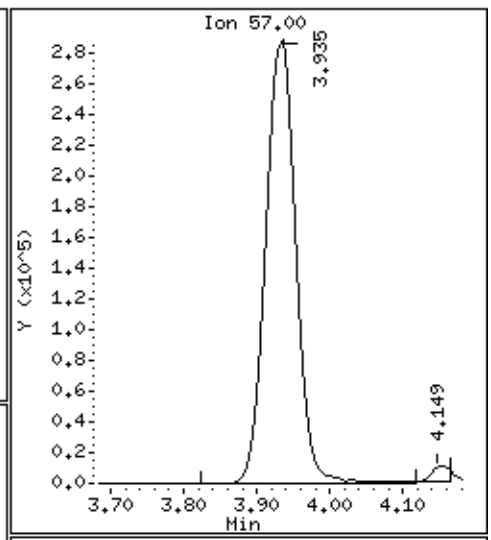
Column diameter: 0.18

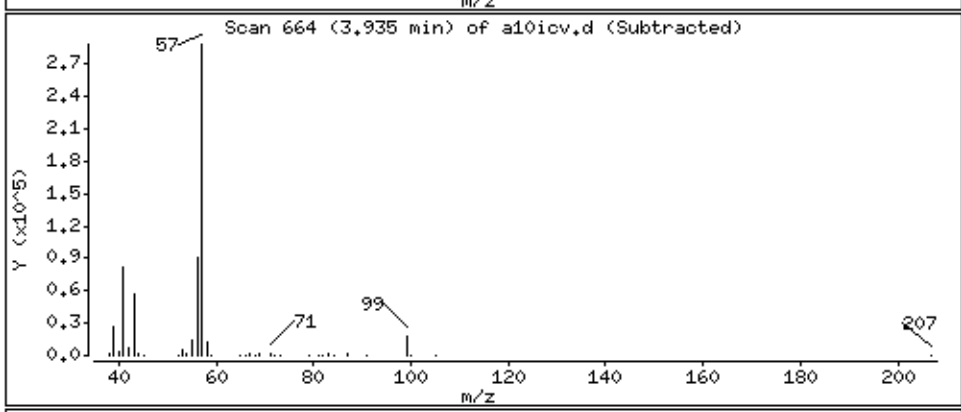
43 2,2,4-Trimethylpentane

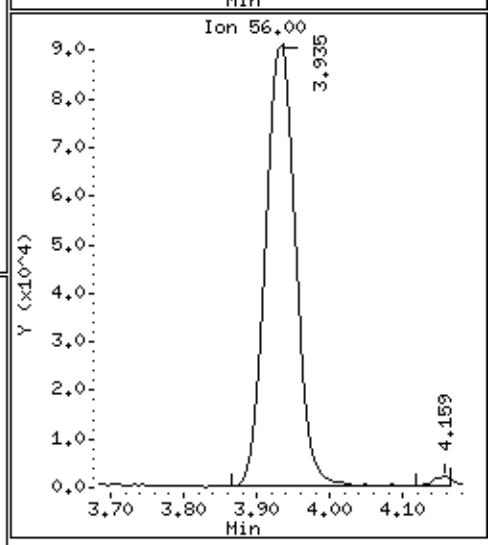
Concentration: 49.6 ppb

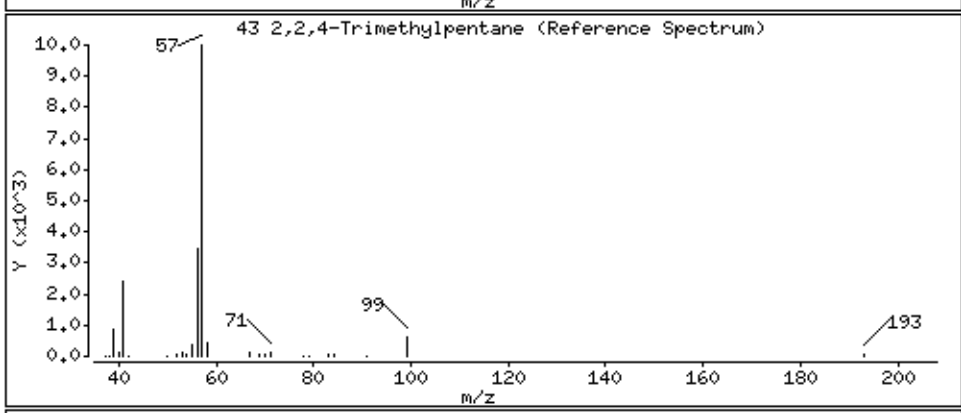
Review Code:

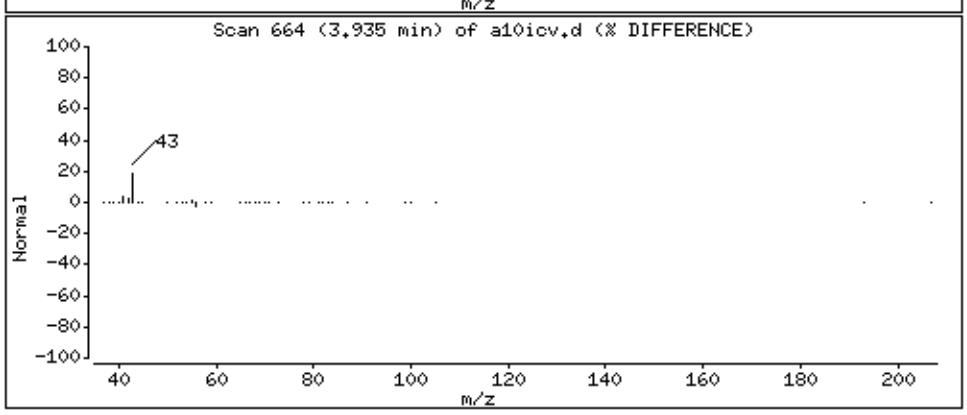












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

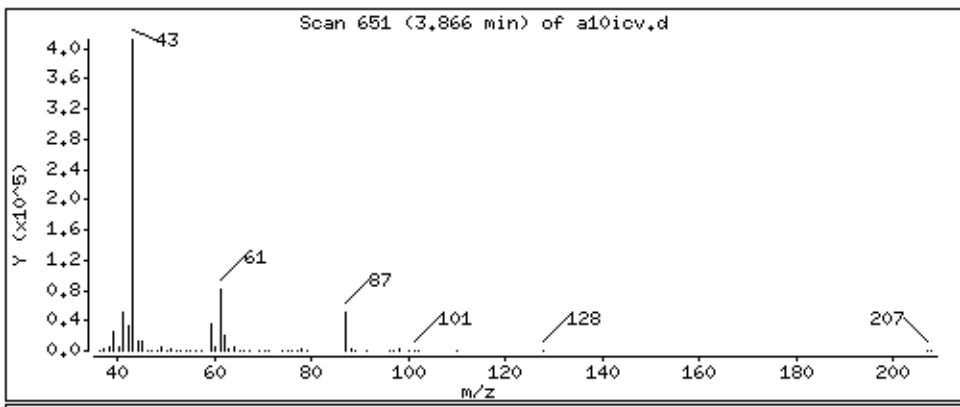
Column phase: DB-624

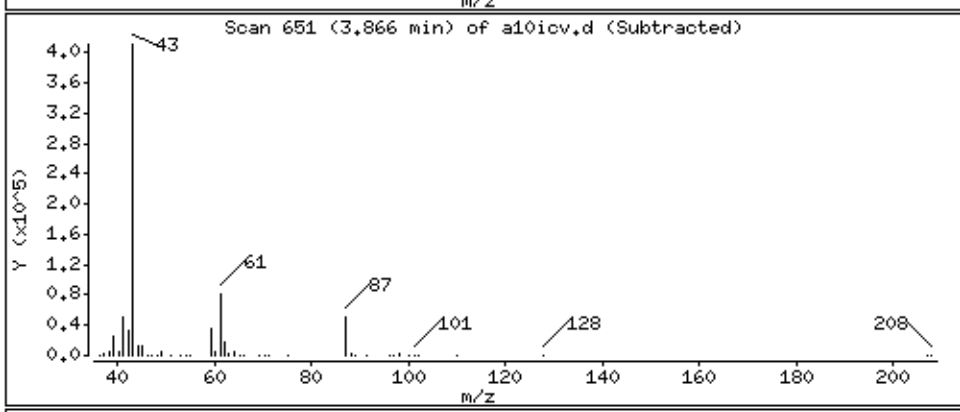
Column diameter: 0.18

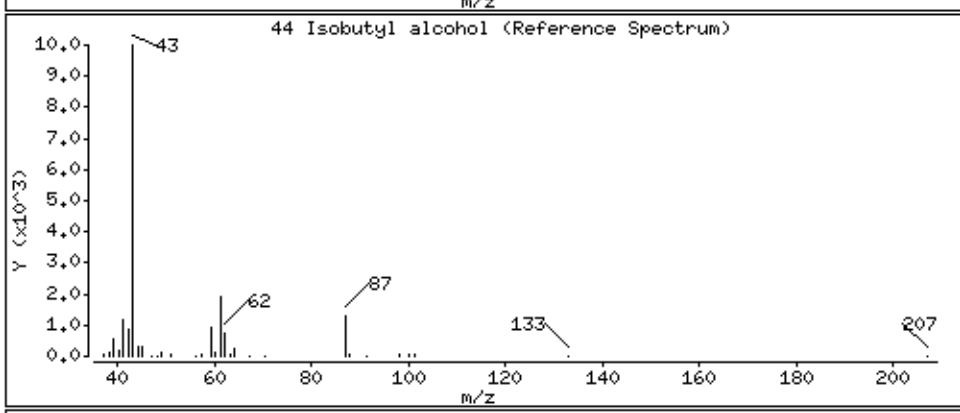
44 Isobutyl alcohol

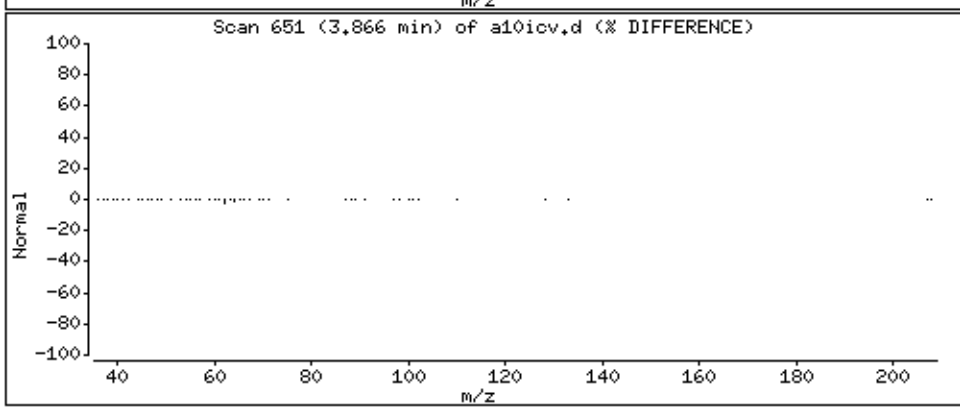
Concentration: 63.9 ppb

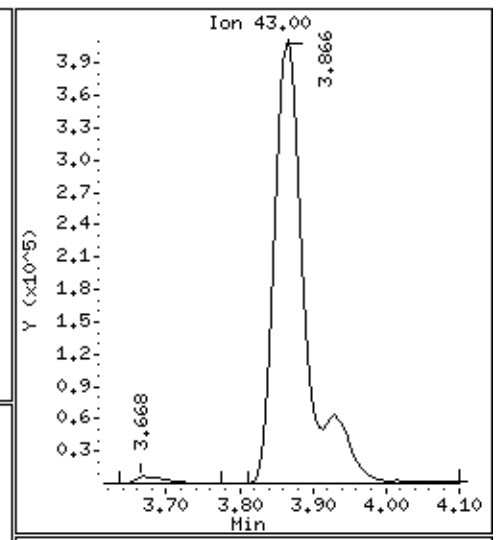
Review Code:

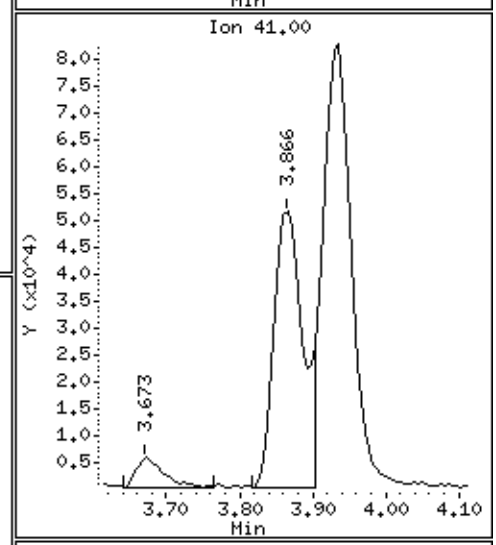


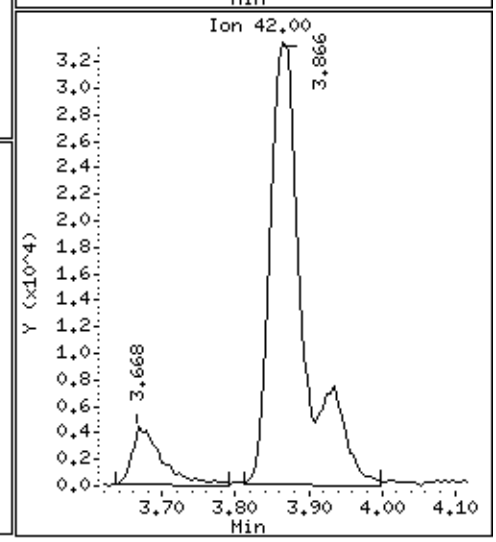












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

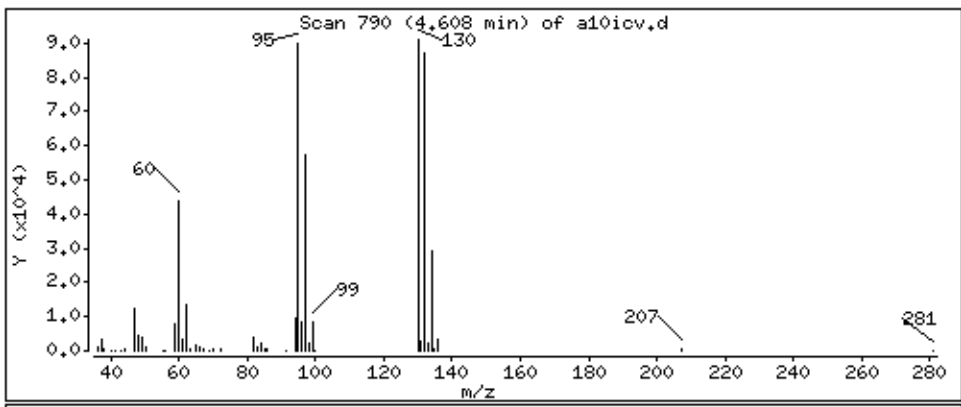
Column phase: DB-624

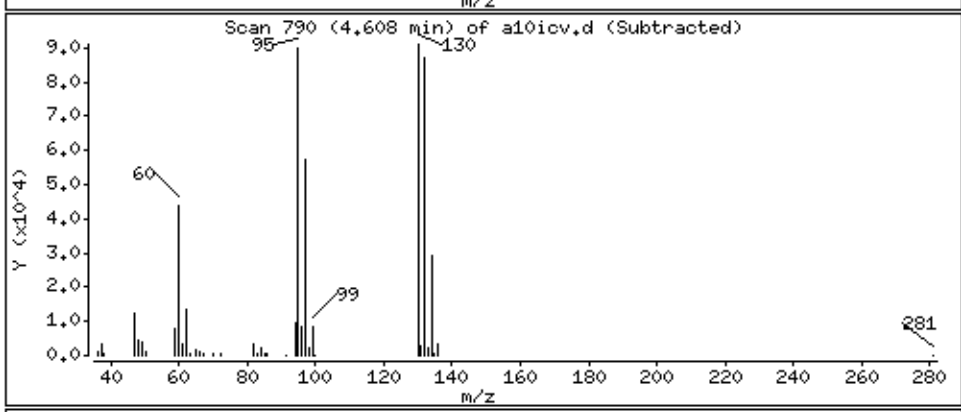
Column diameter: 0.18

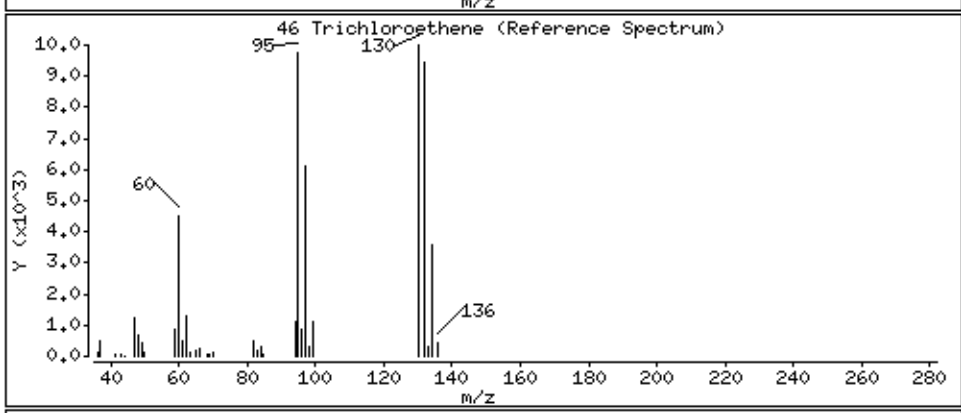
46 Trichloroethene

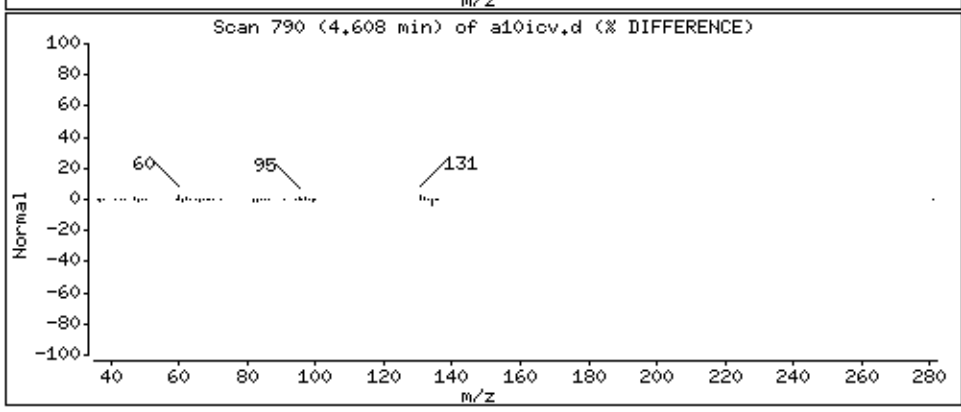
Concentration: 46.2 ppb

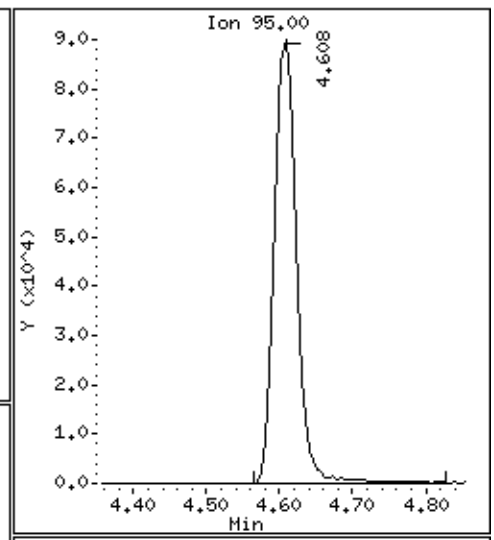
Review Code:

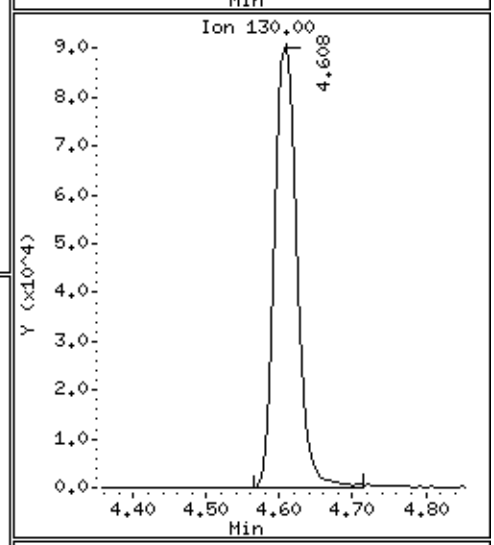


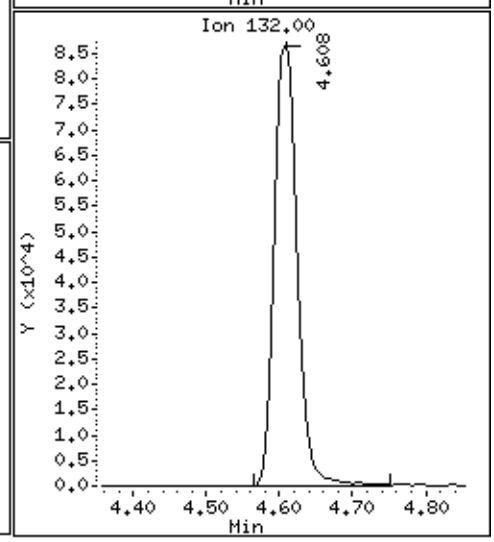












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

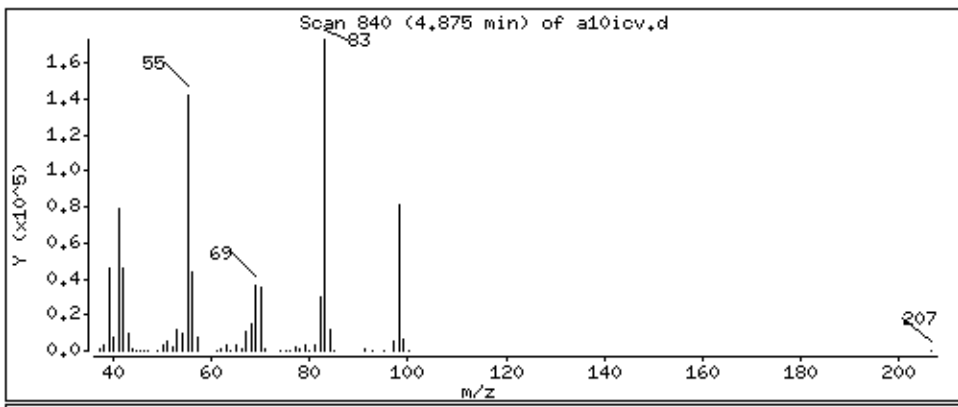
Column phase: DB-624

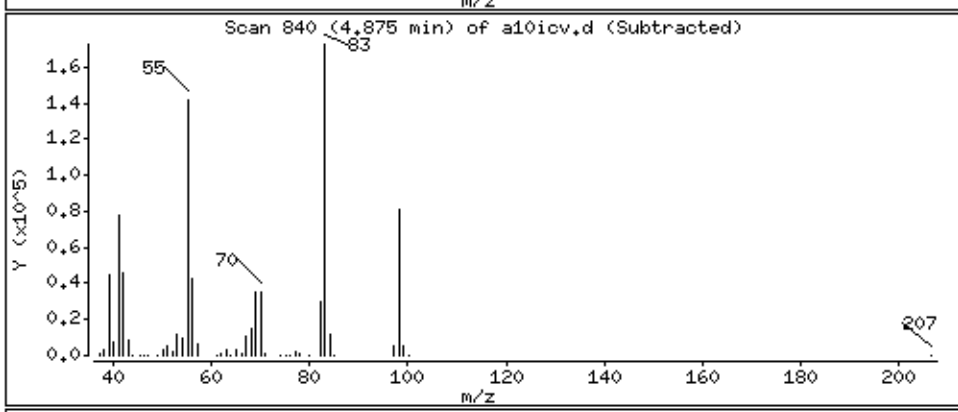
Column diameter: 0.18

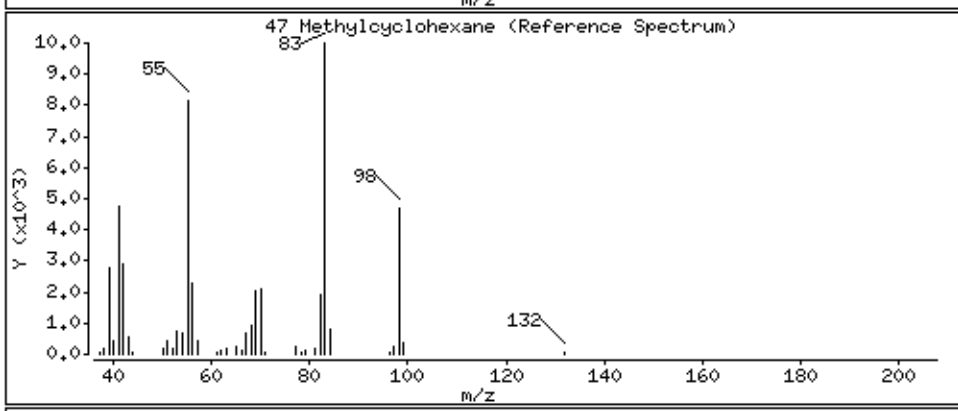
47 Methylcyclohexane

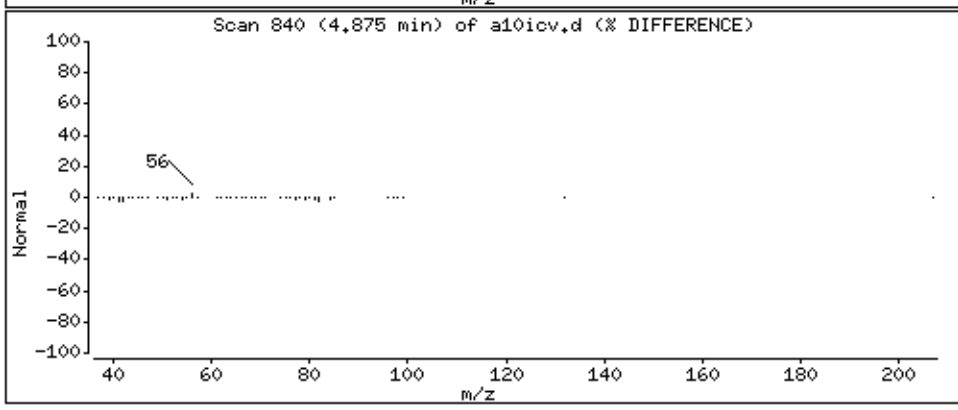
Concentration: 47.6 ppb

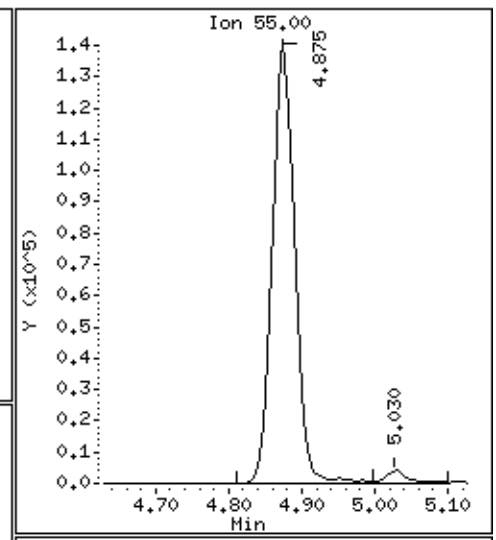
Review Code:

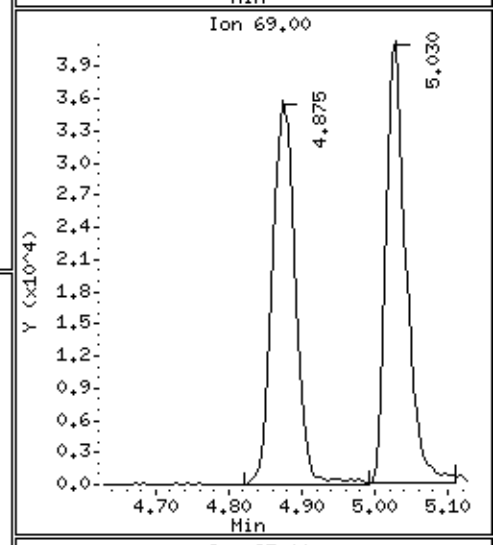


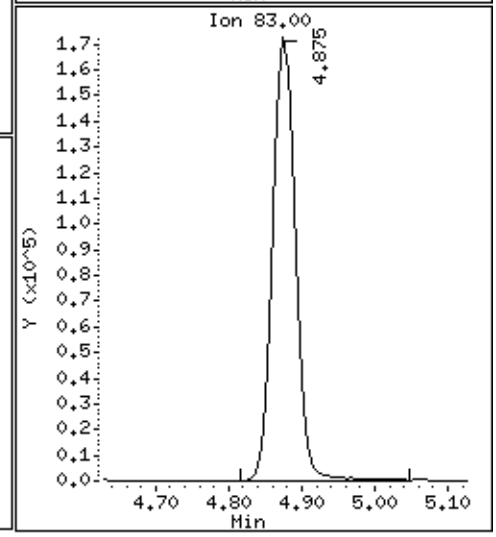












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

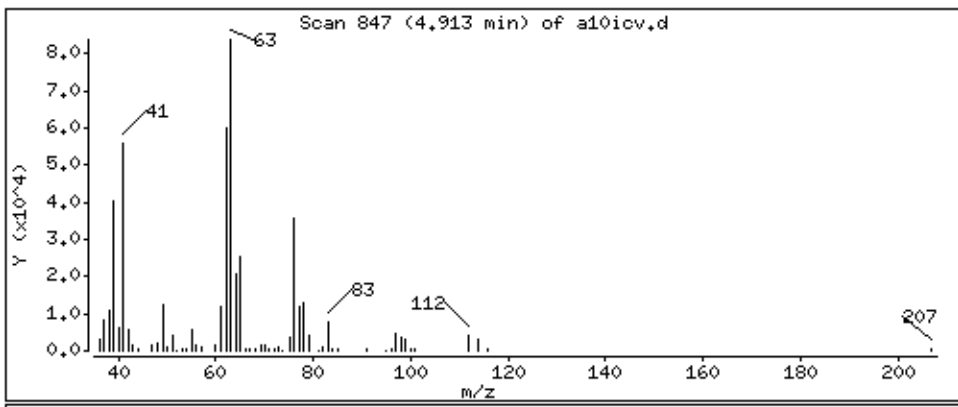
Column phase: DB-624

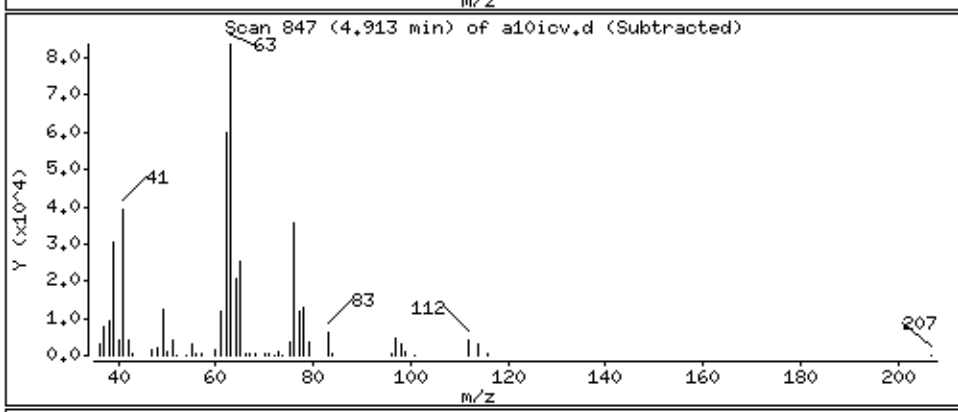
Column diameter: 0.18

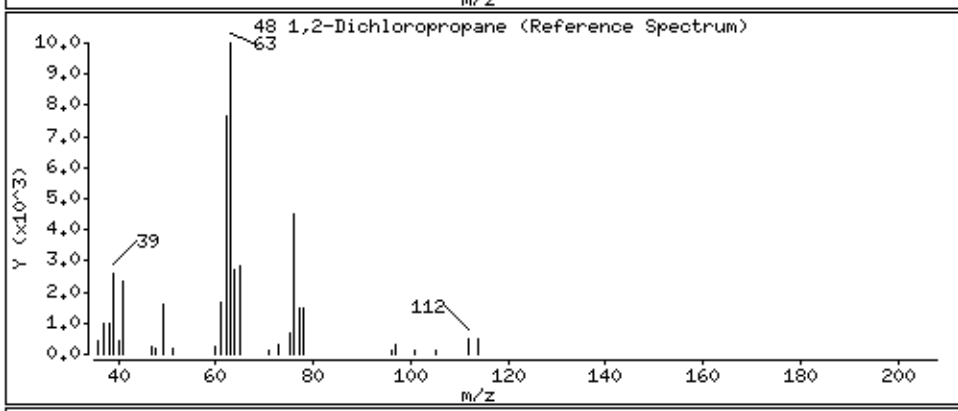
48 1,2-Dichloropropane

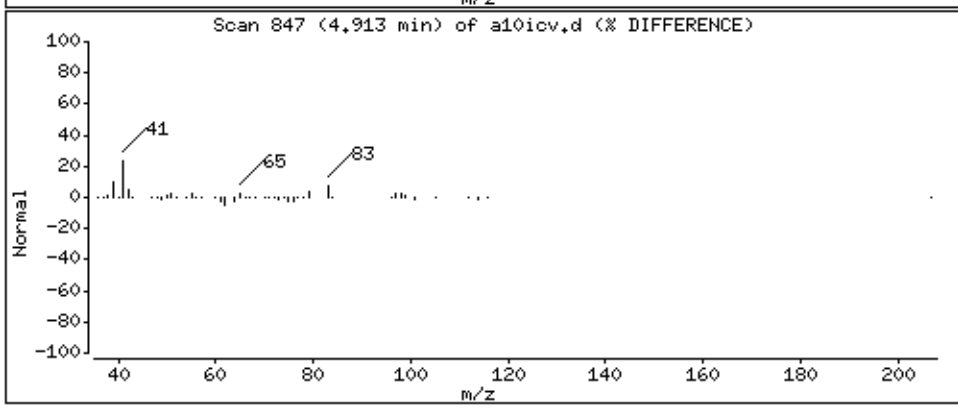
Concentration: 46.8 ppb

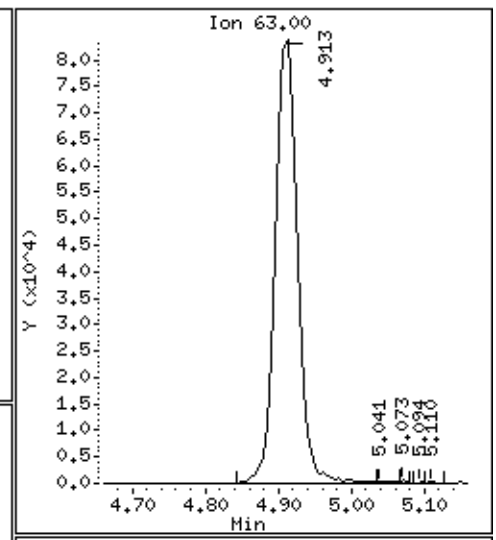
Review Code:

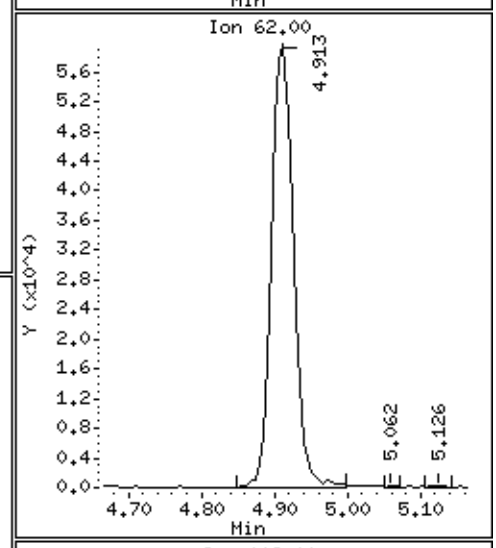


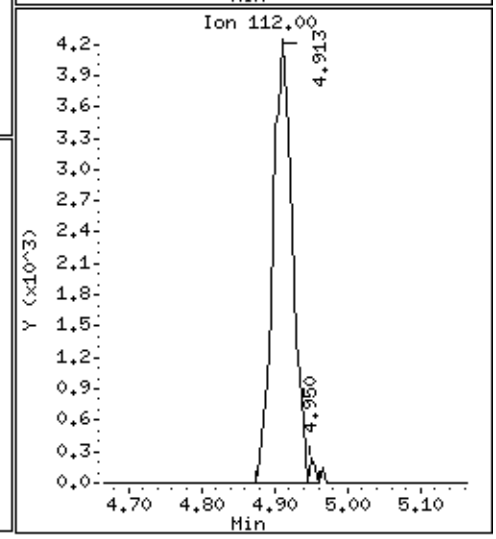












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

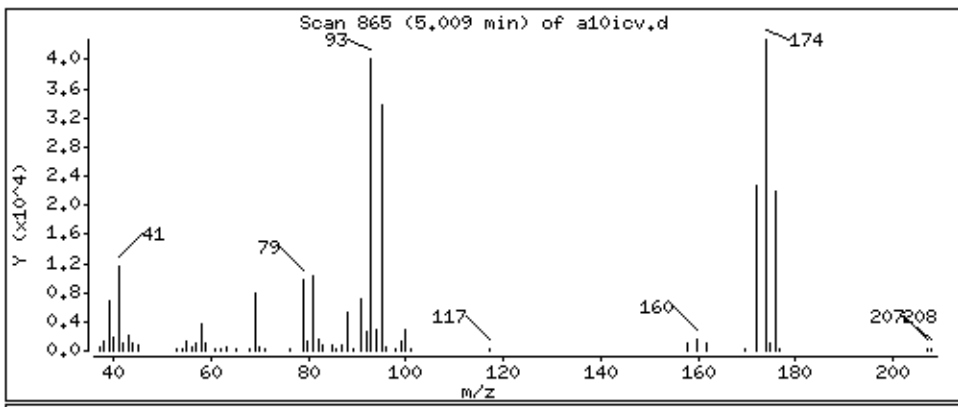
Column phase: DB-624

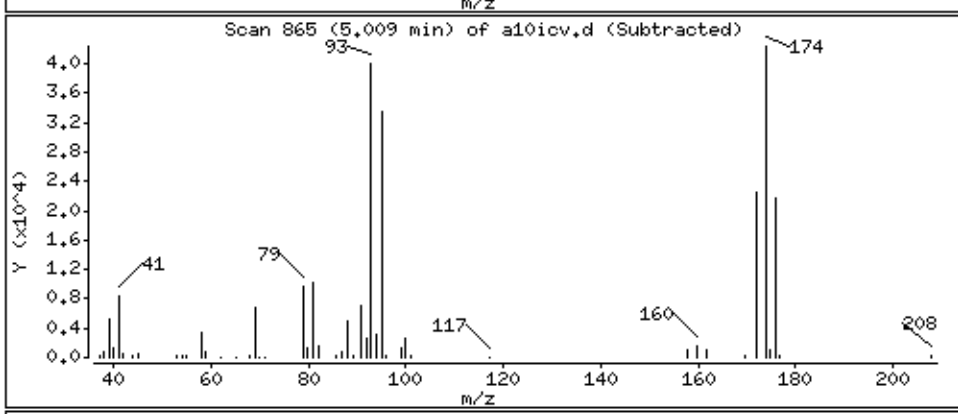
Column diameter: 0.18

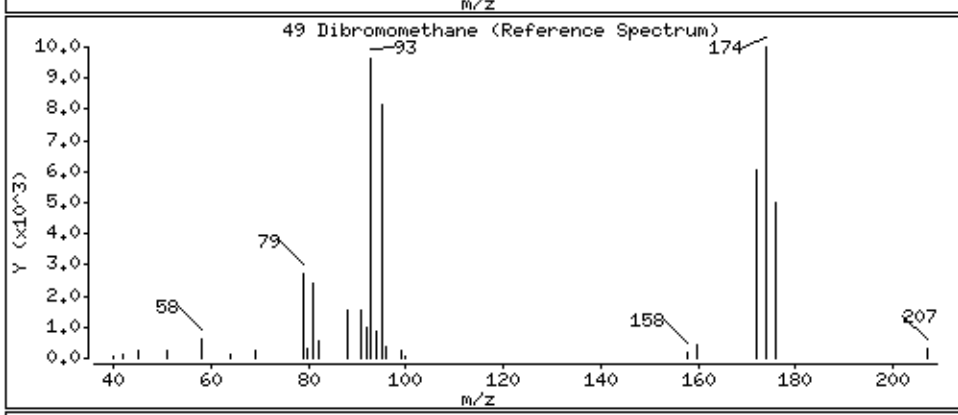
49 Dibromomethane

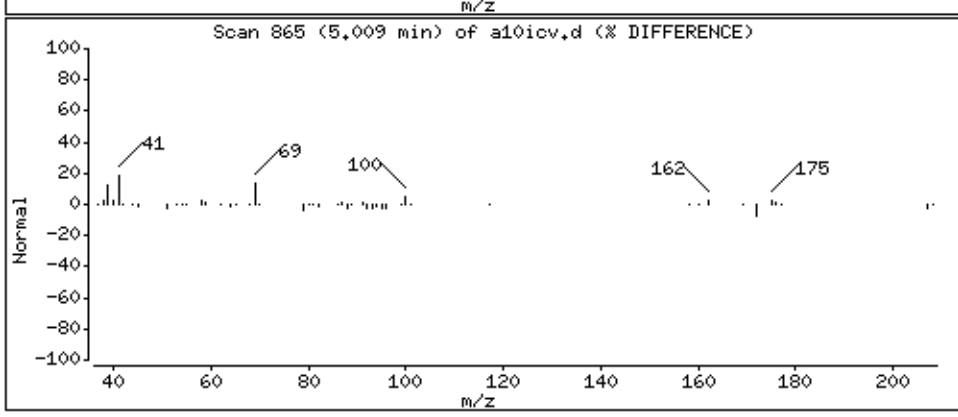
Concentration: 46.2 ppb

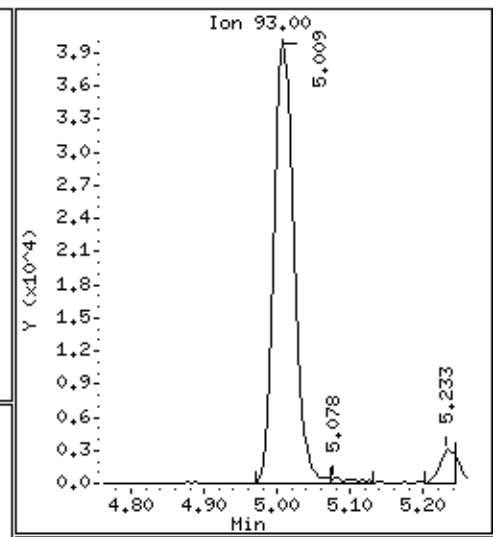
Review Code:

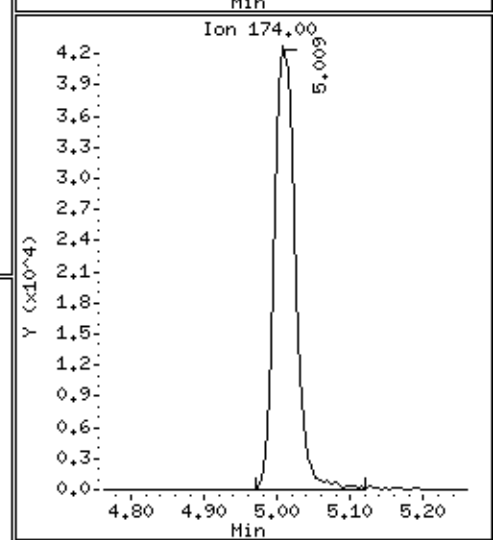


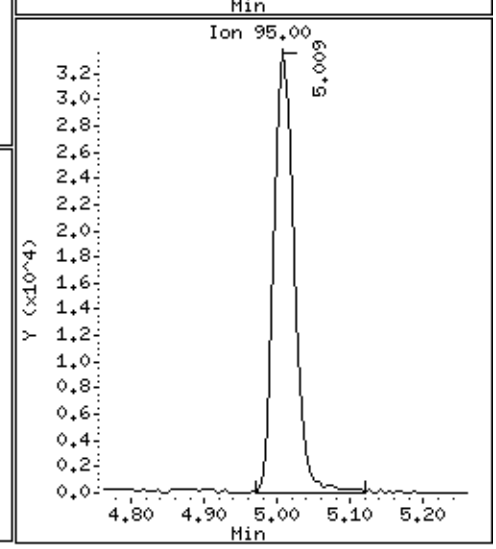












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

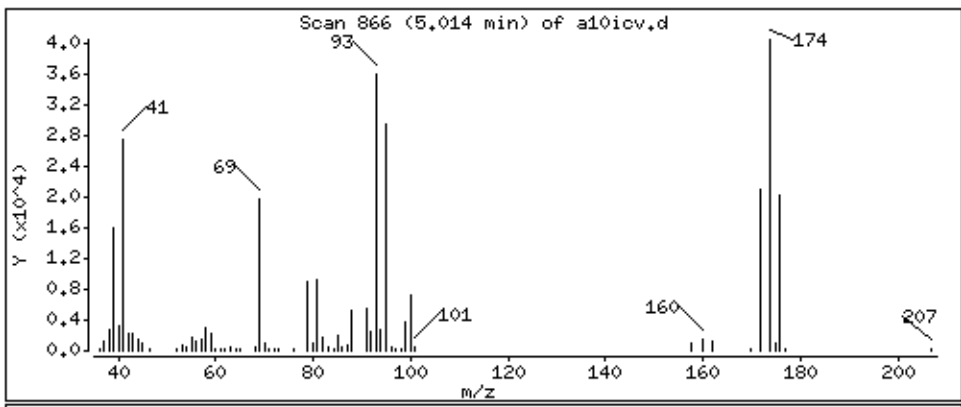
Column phase: DB-624

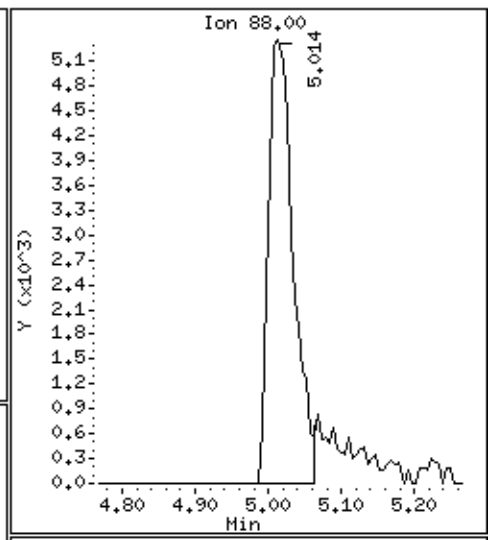
Column diameter: 0.18

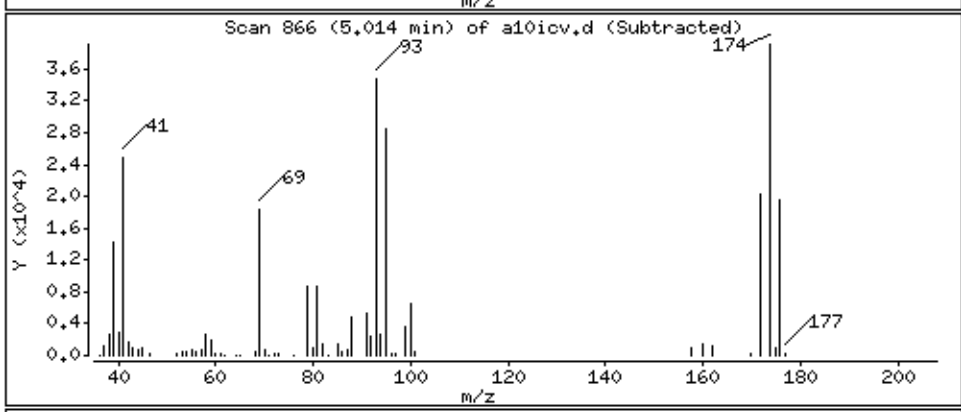
50 1,4-Dioxane

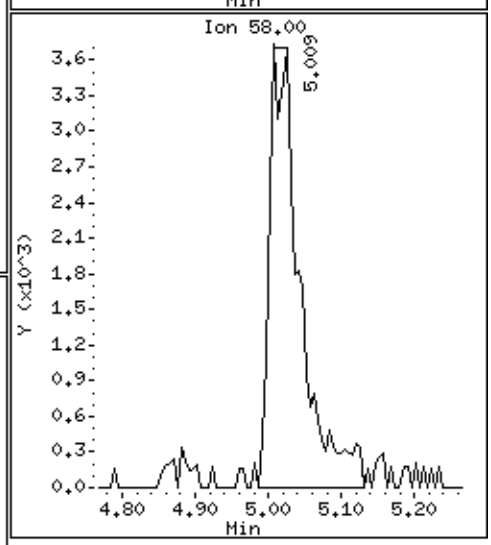
Concentration: 863 ppb

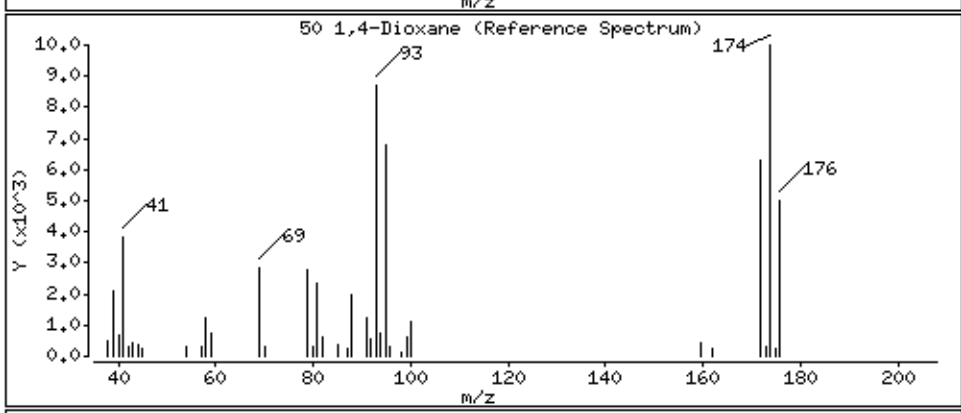
Review Code:

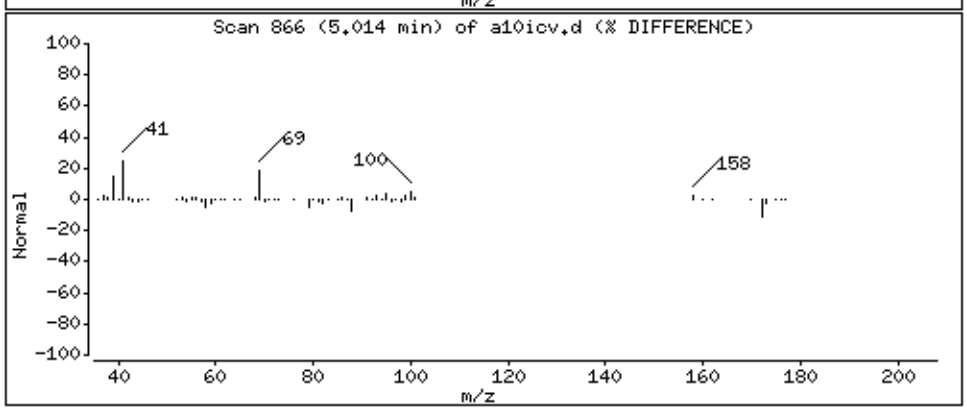












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

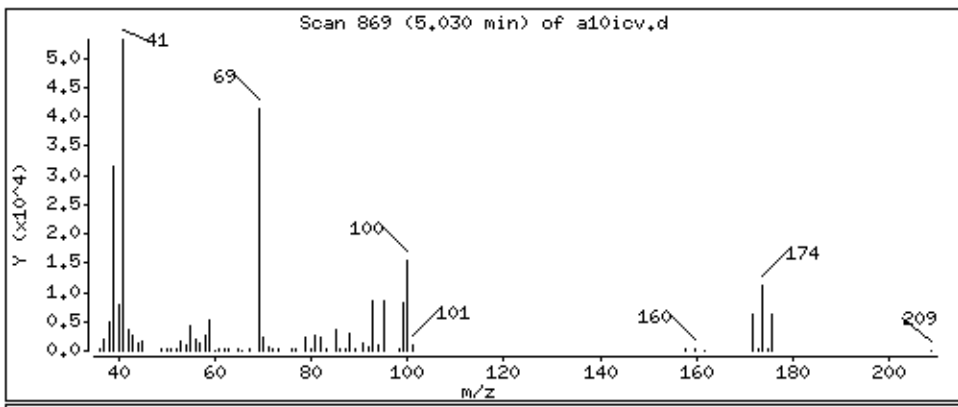
Column phase: DB-624

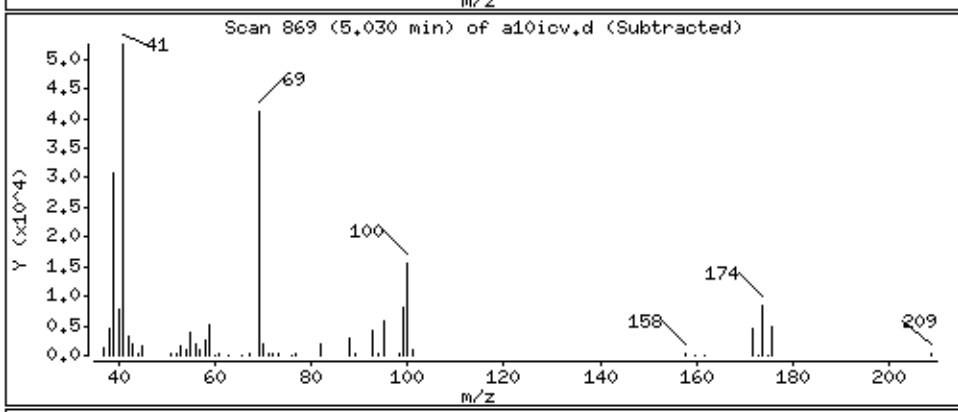
Column diameter: 0.18

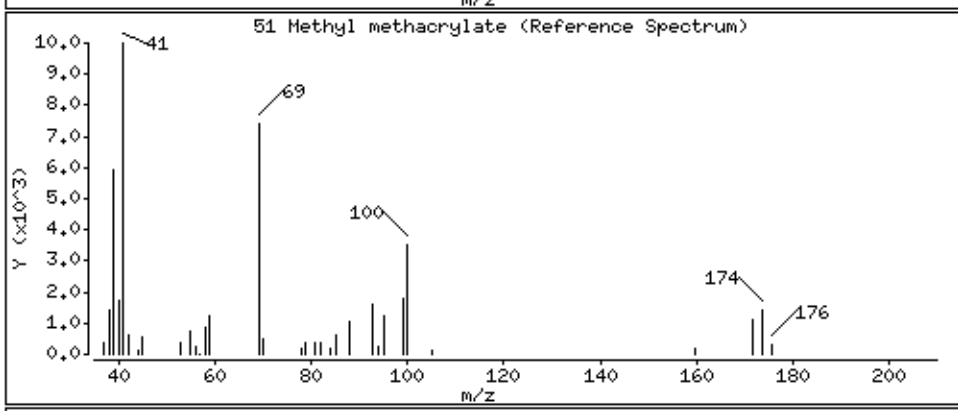
51 Methyl methacrylate

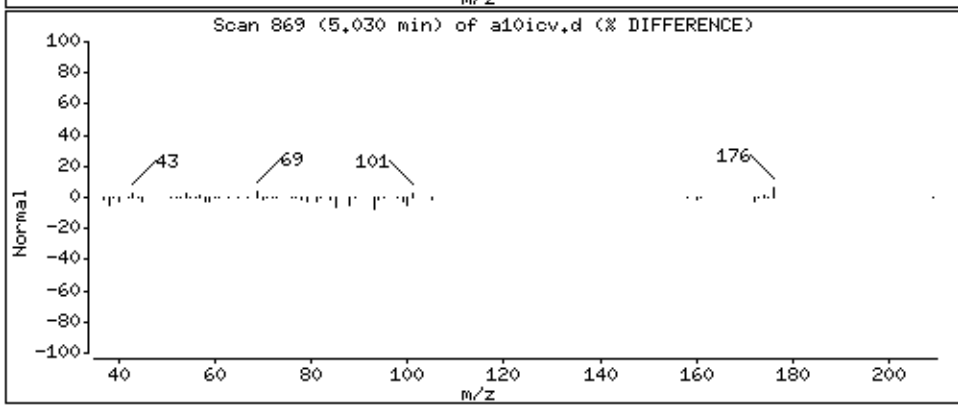
Concentration: 47.5 ppb

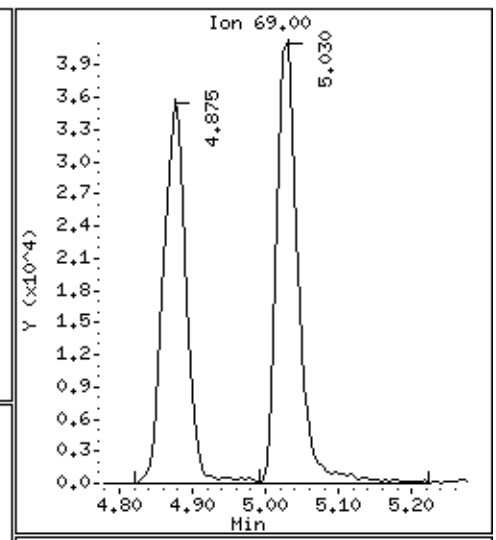
Review Code:

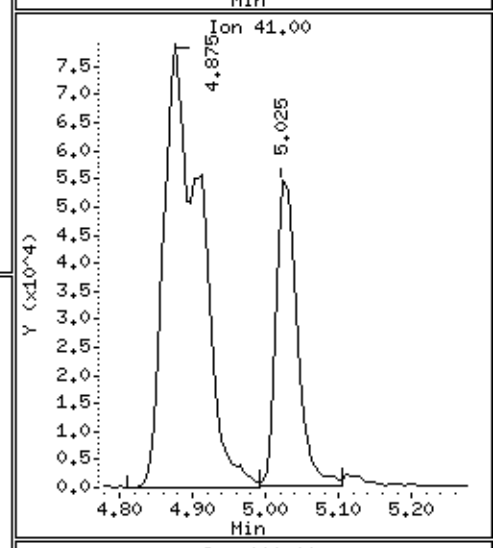


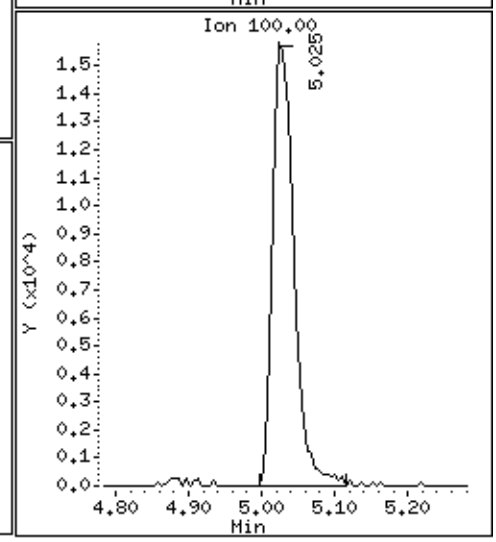












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

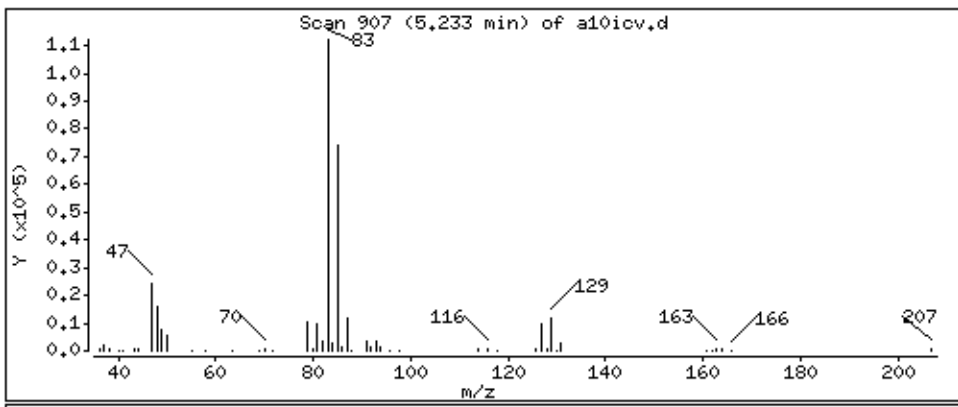
Column phase: DB-624

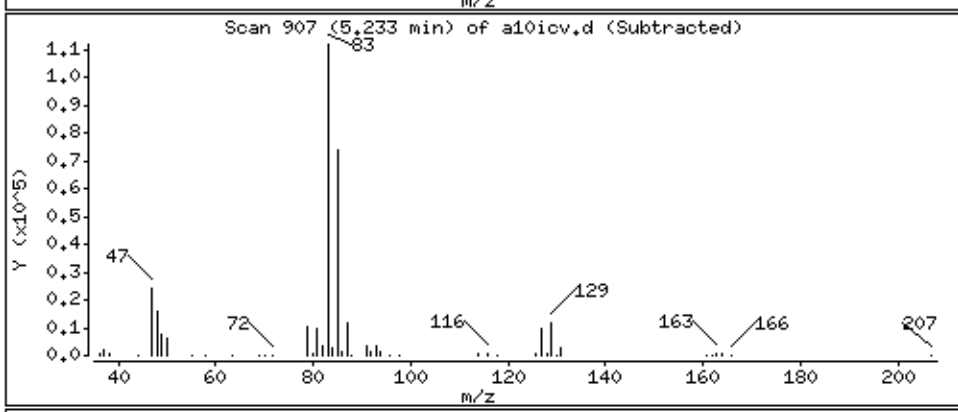
Column diameter: 0.18

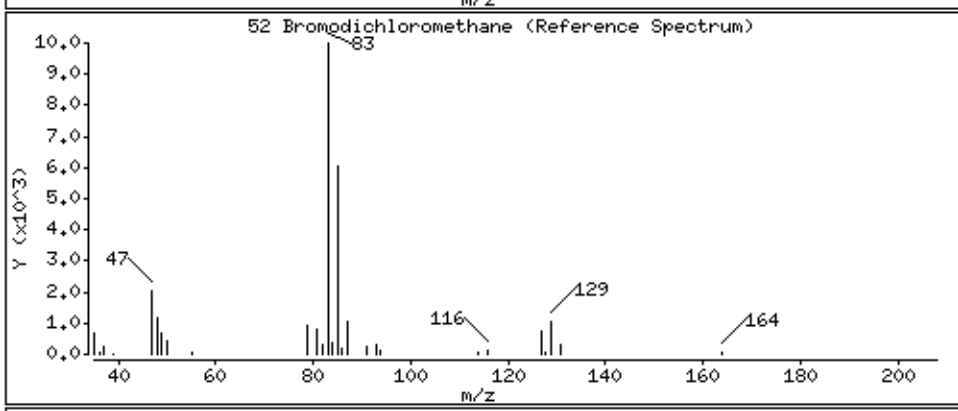
52 Bromodichloromethane

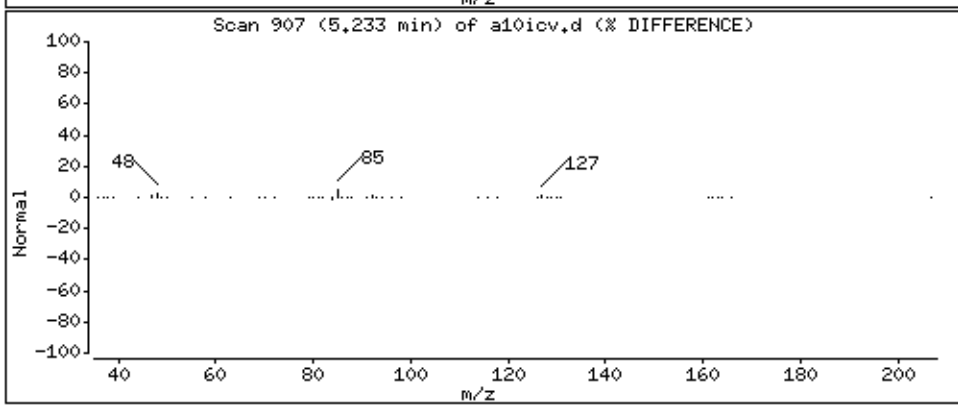
Concentration: 46.3 ppb

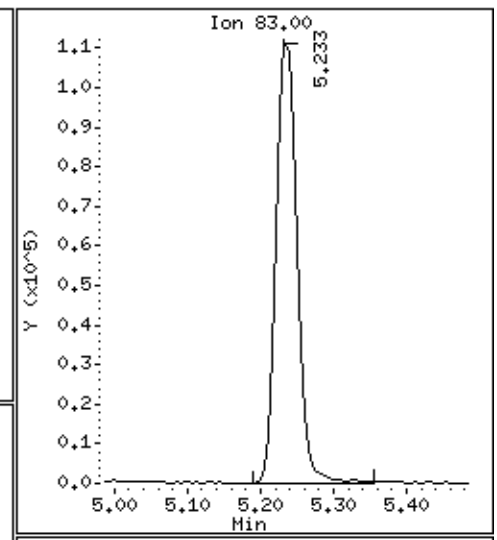
Review Code:

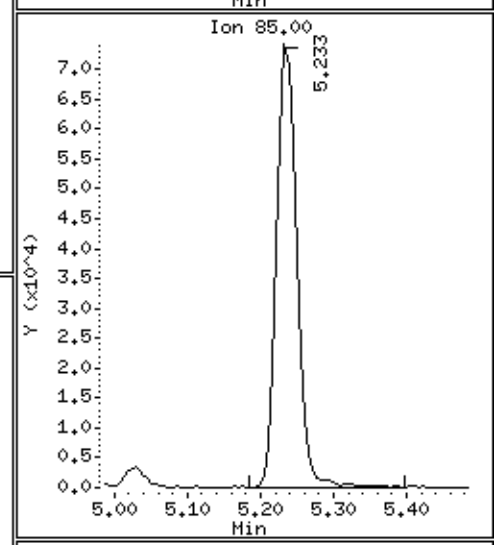


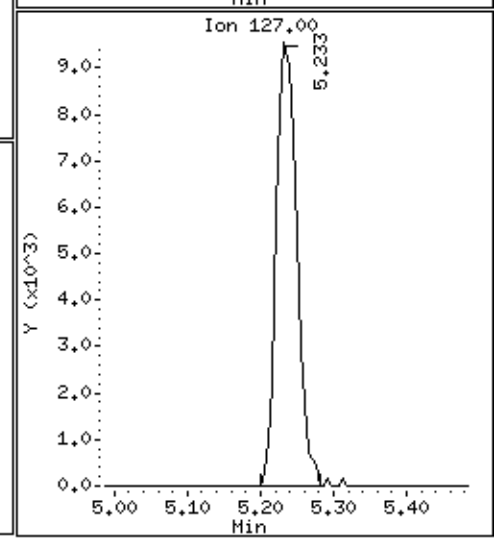












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

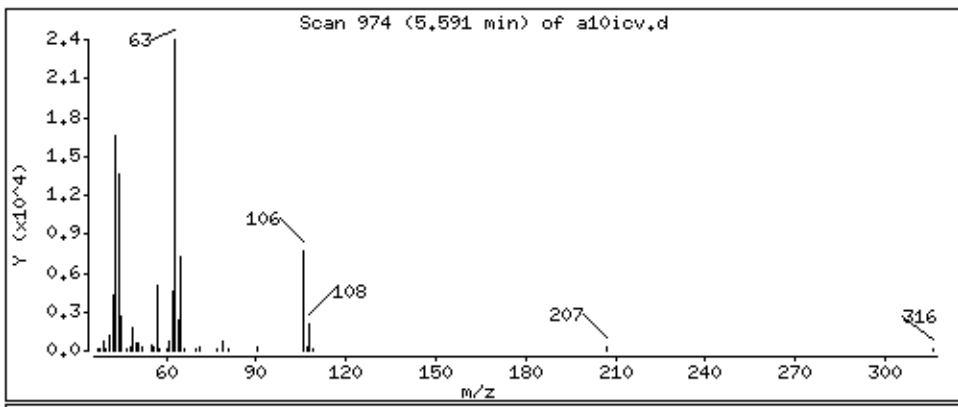
Column phase: DB-624

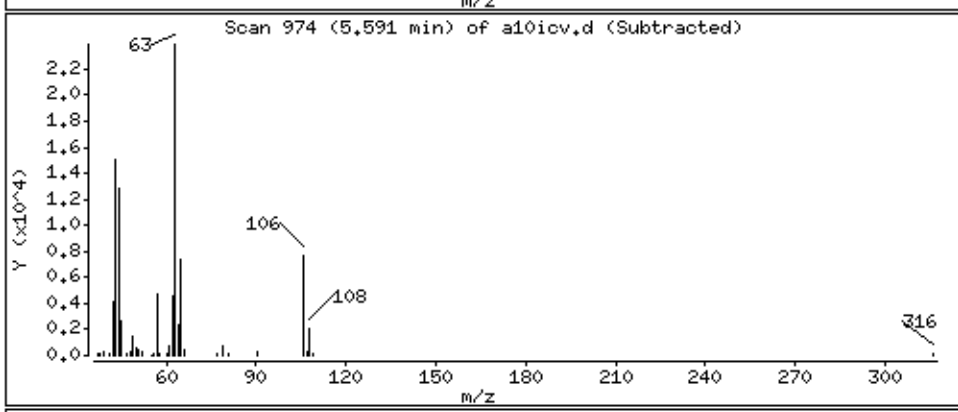
Column diameter: 0.18

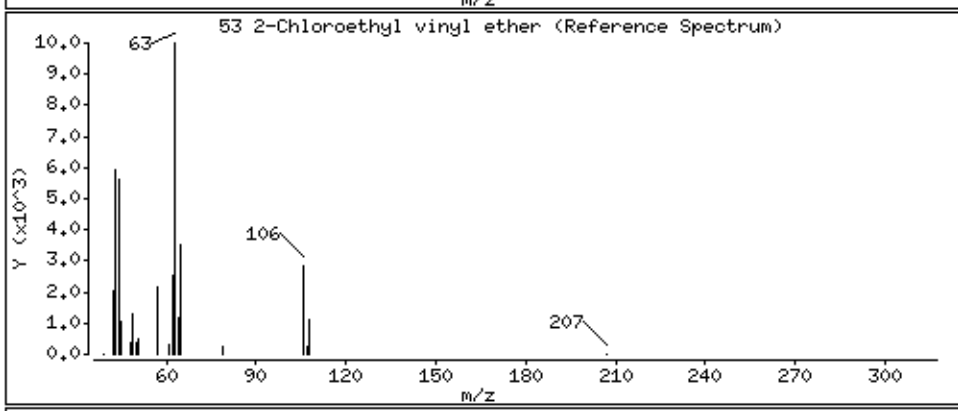
53 2-Chloroethyl vinyl ether

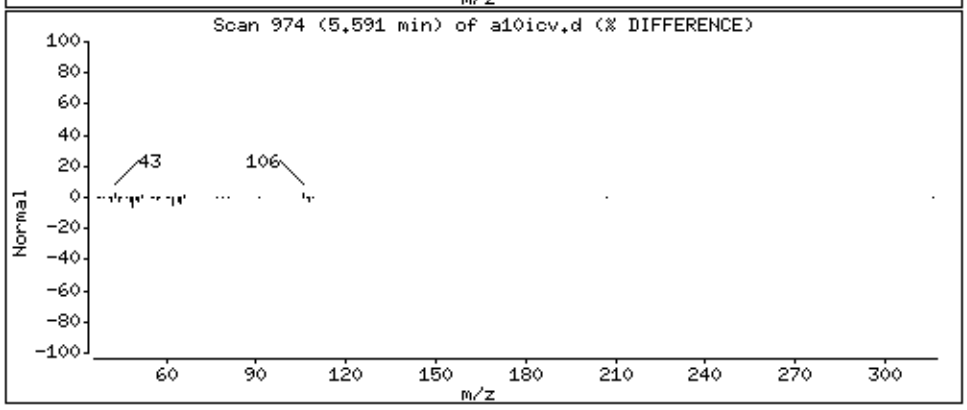
Concentration: 51.1 ppb

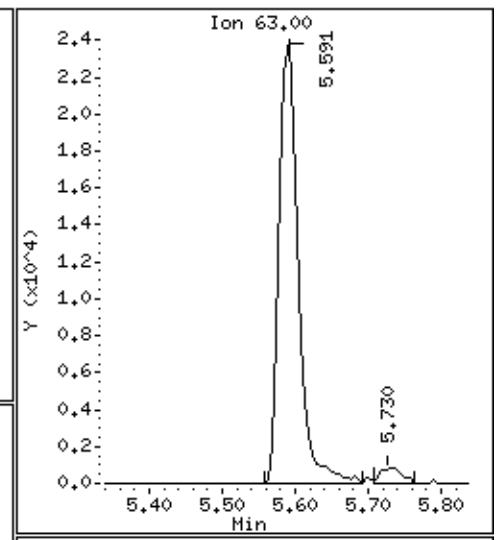
Review Code:

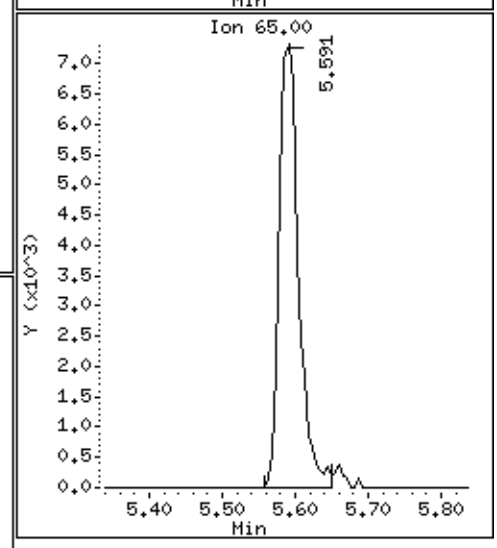












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

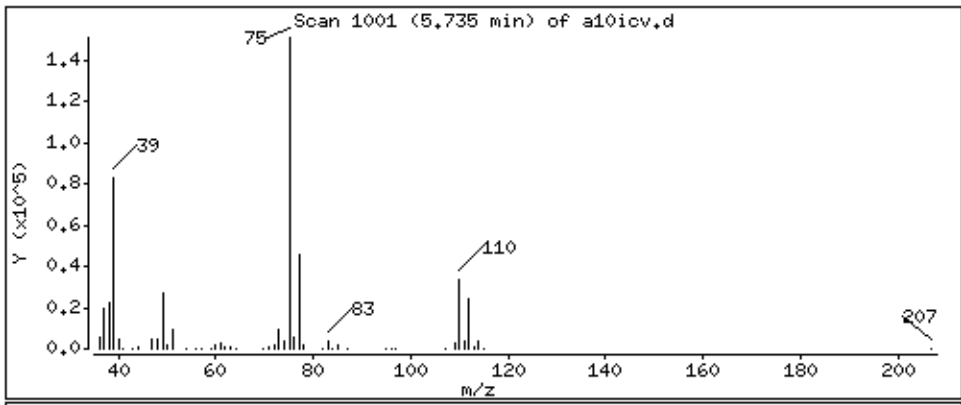
Column phase: DB-624

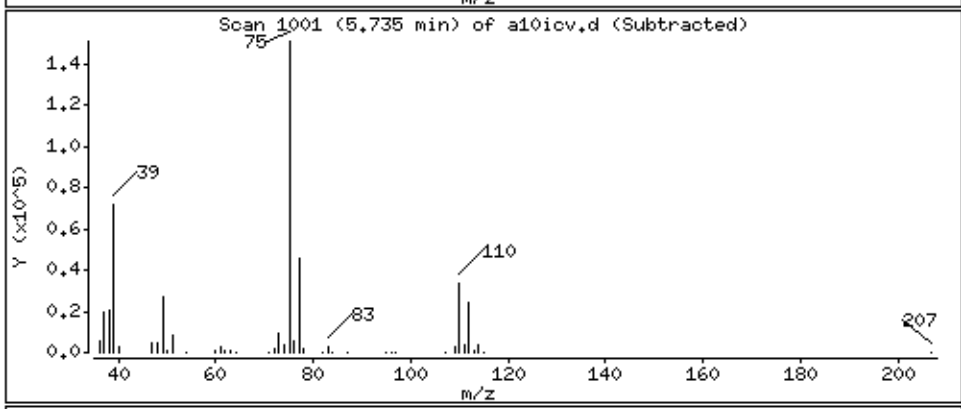
Column diameter: 0.18

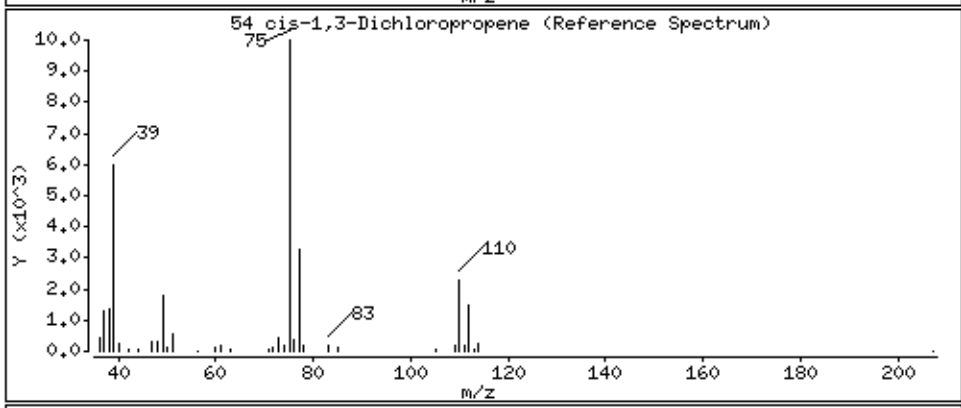
54 cis-1,3-Dichloropropene

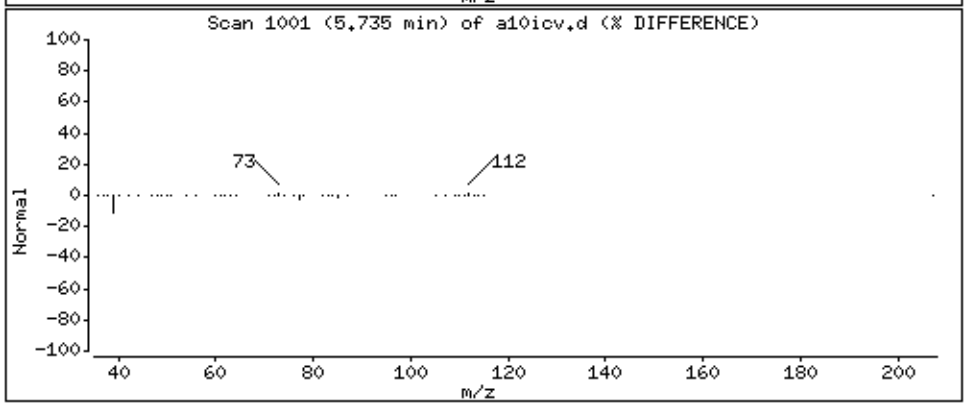
Concentration: 48.3 ppb

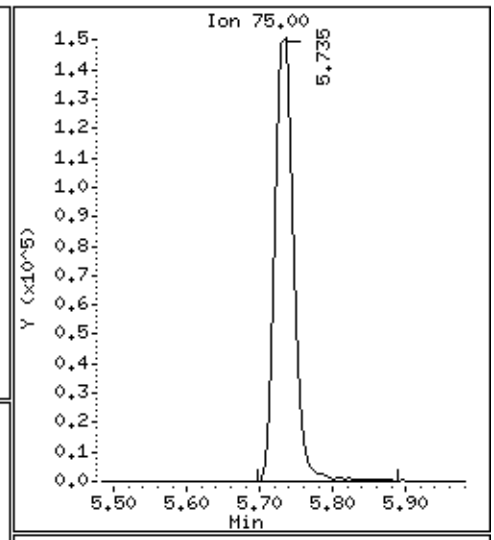
Review Code:

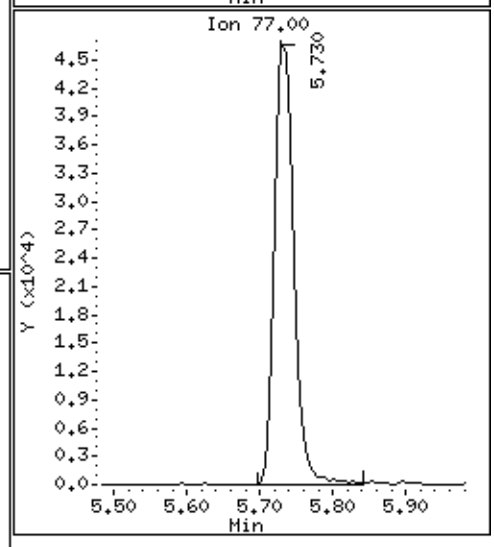












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

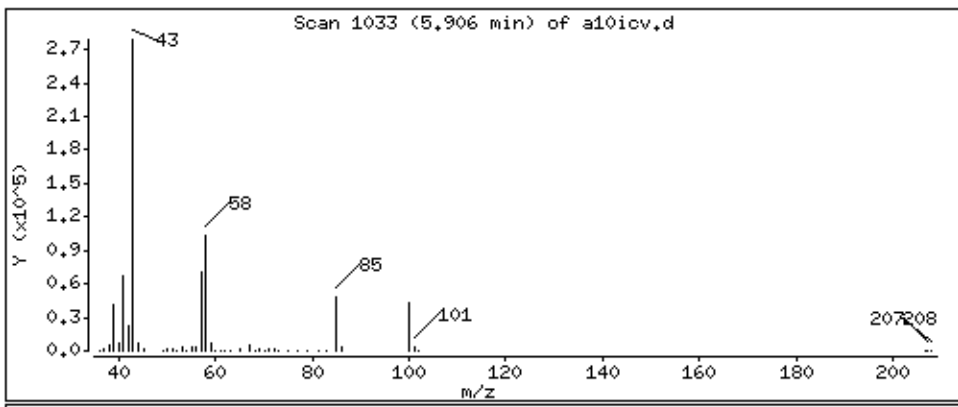
Column phase: DB-624

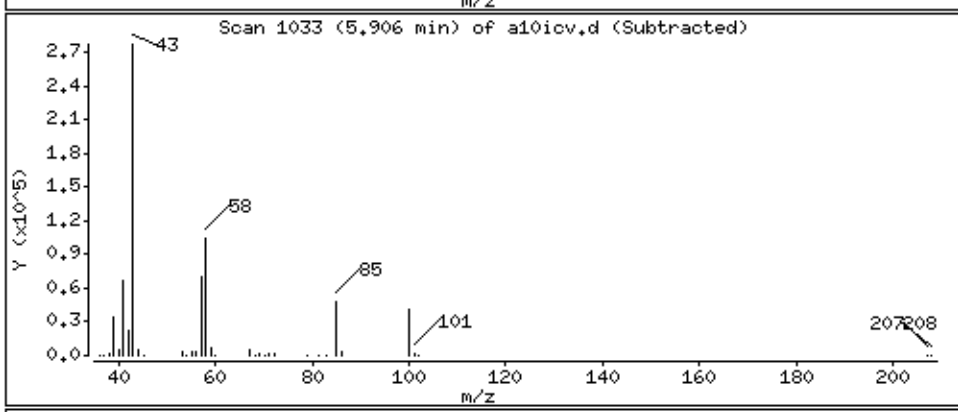
Column diameter: 0.18

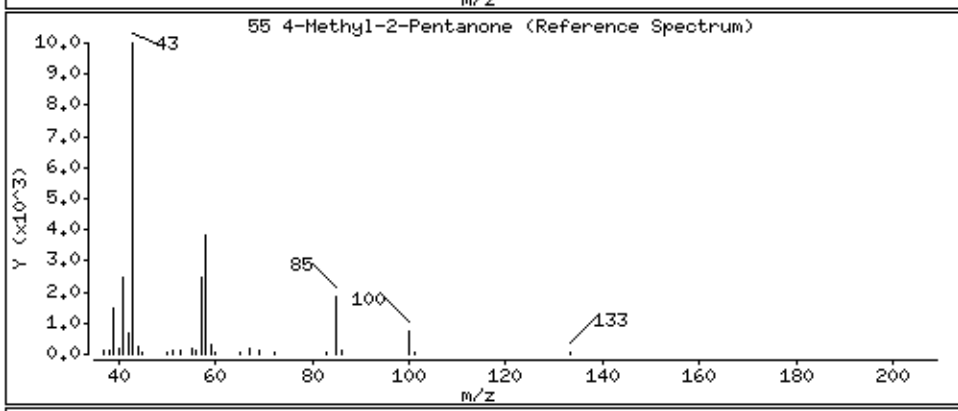
55 4-Methyl-2-Pentanone

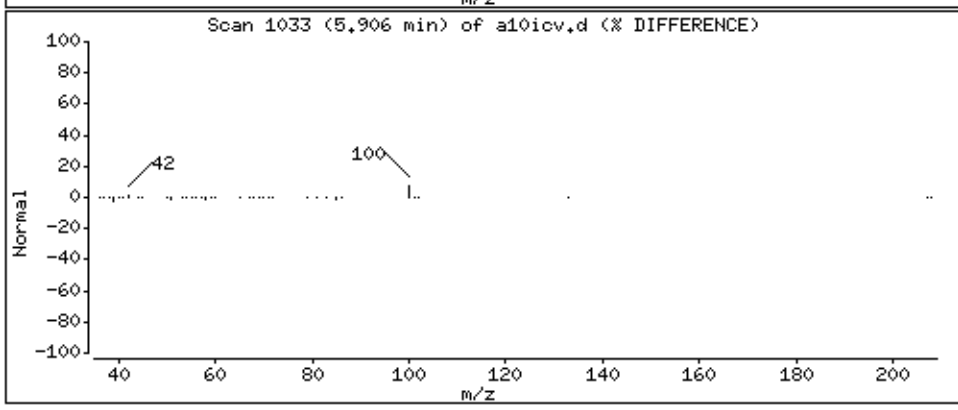
Concentration: 244 ppb

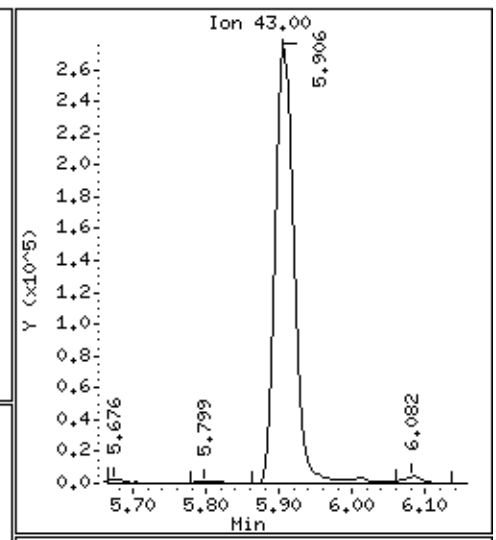
Review Code:

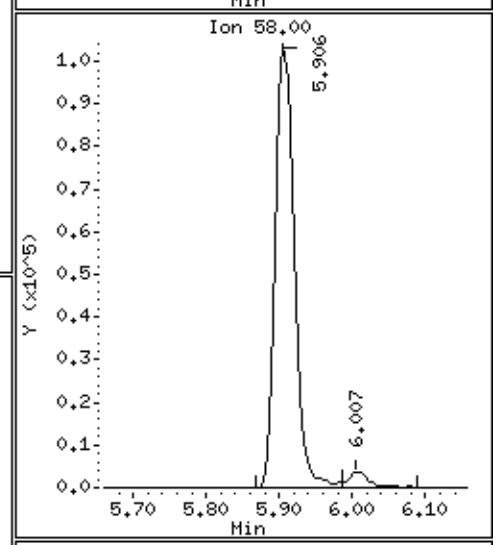


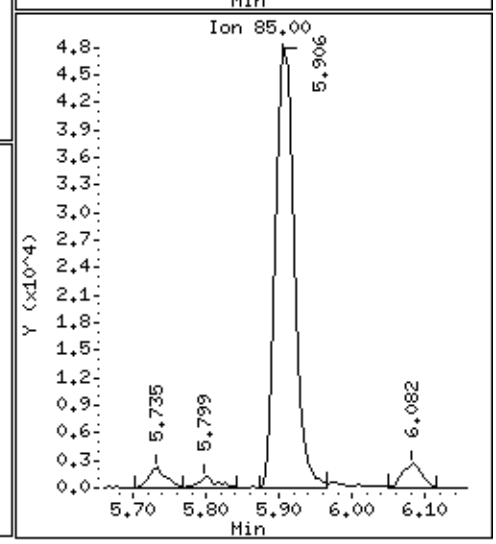












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

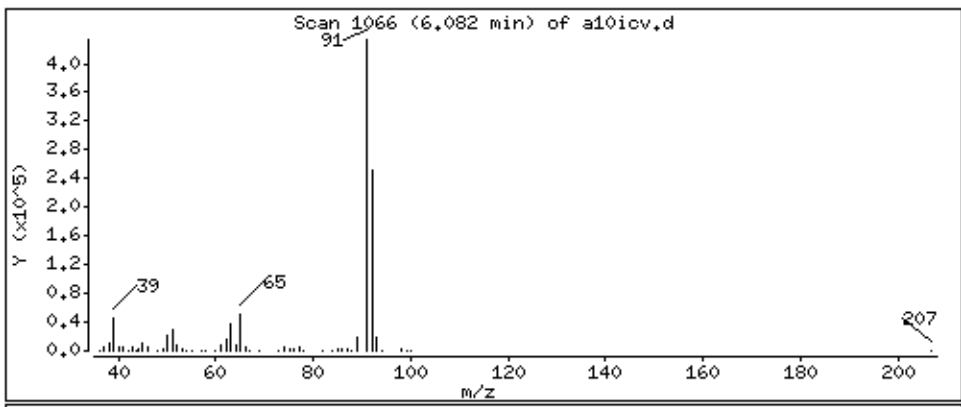
Column phase: DB-624

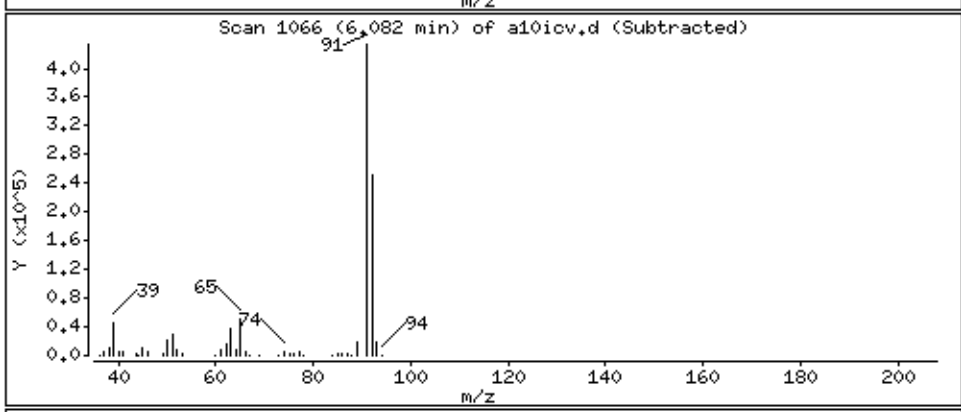
Column diameter: 0.18

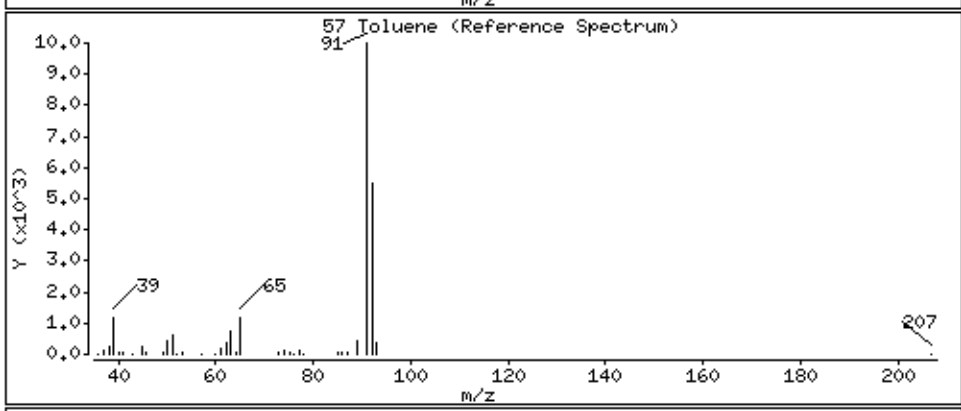
57 Toluene

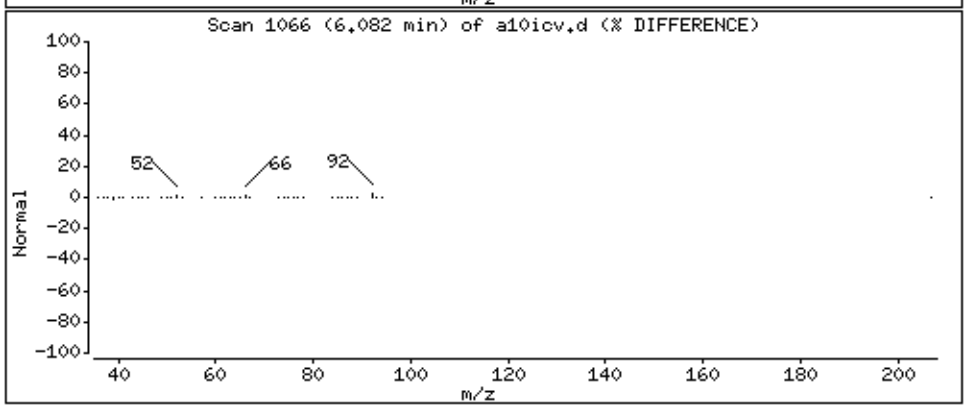
Concentration: 46.2 ppb

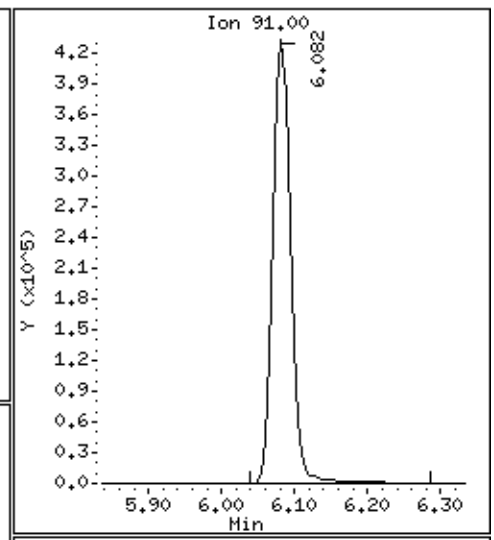
Review Code:

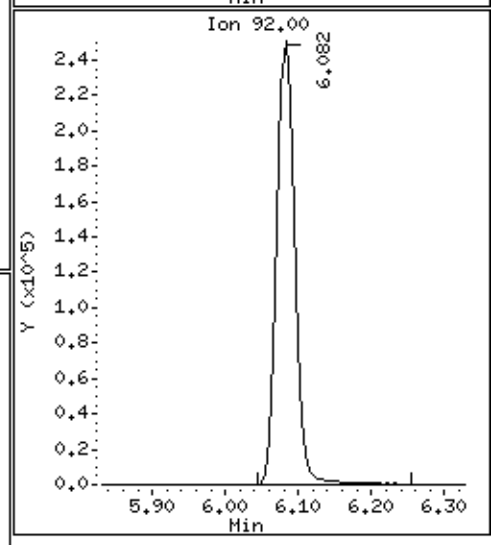












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

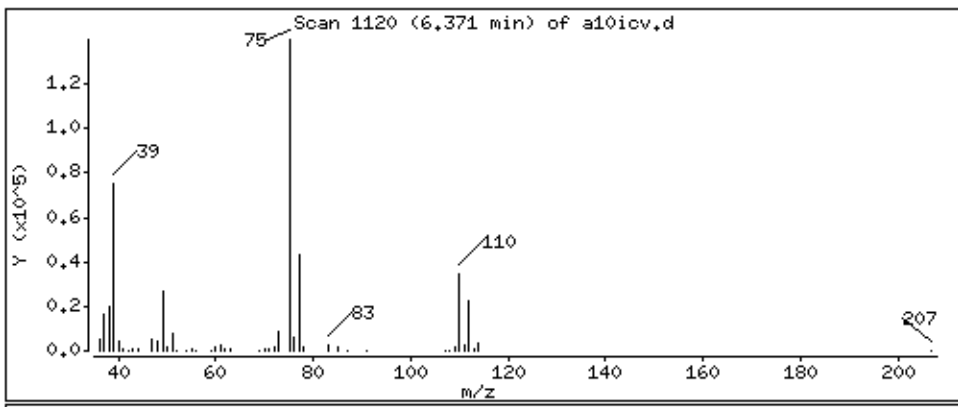
Column phase: DB-624

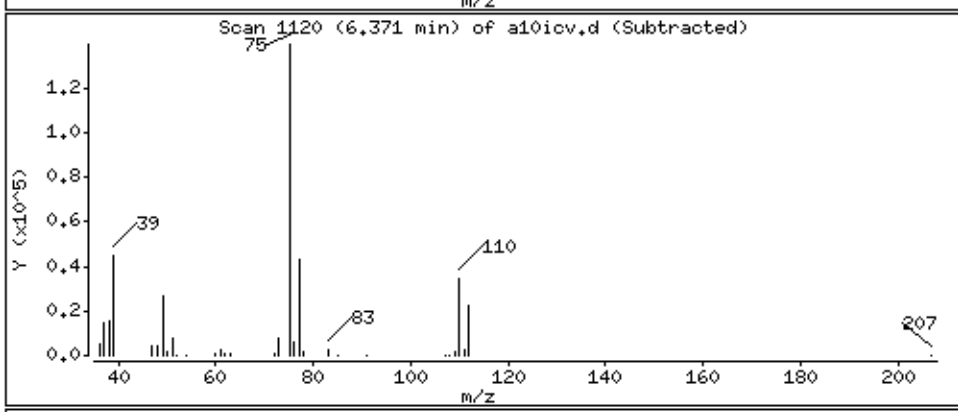
Column diameter: 0.18

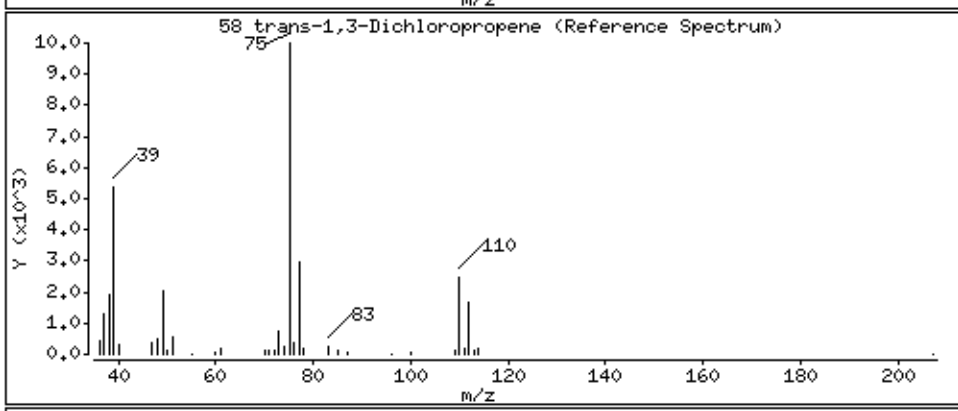
58 trans-1,3-Dichloropropene

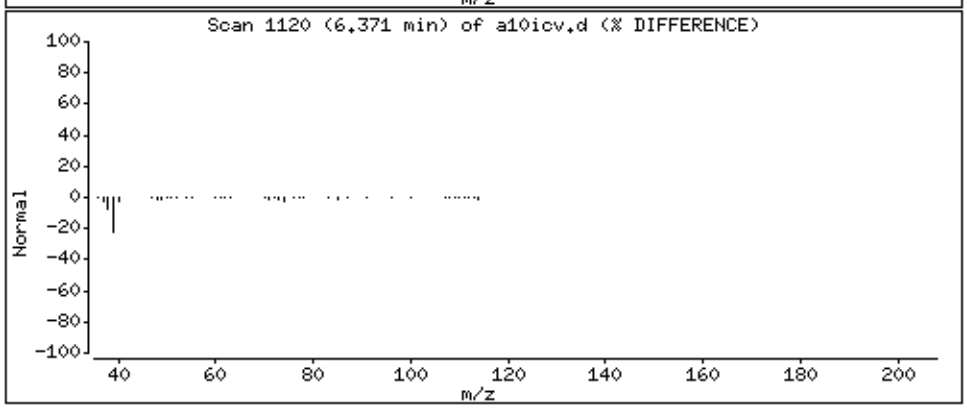
Concentration: 50.1 ppb

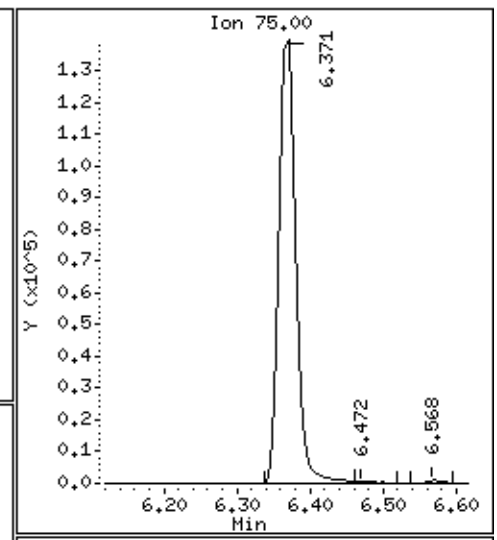
Review Code:

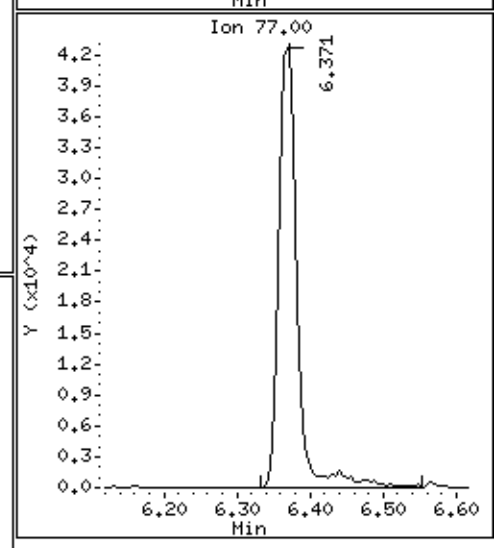












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

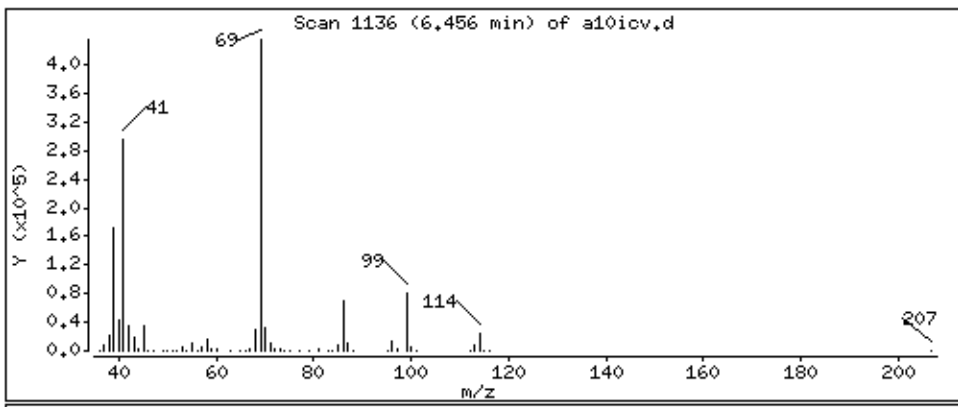
Column phase: DB-624

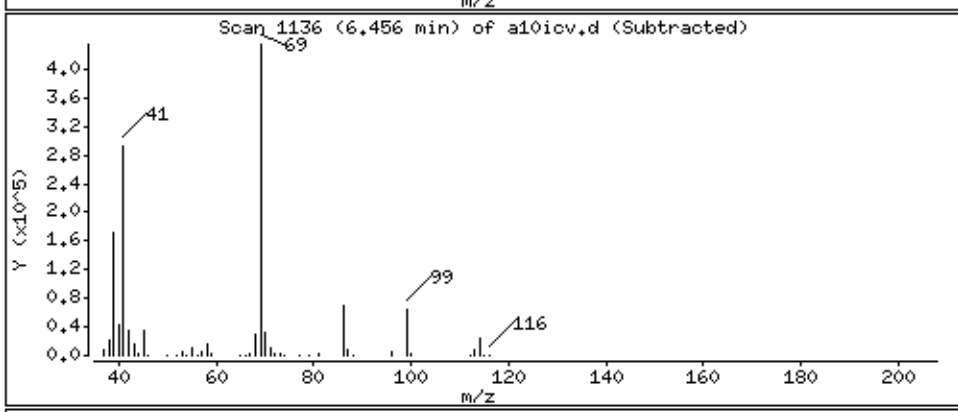
Column diameter: 0.18

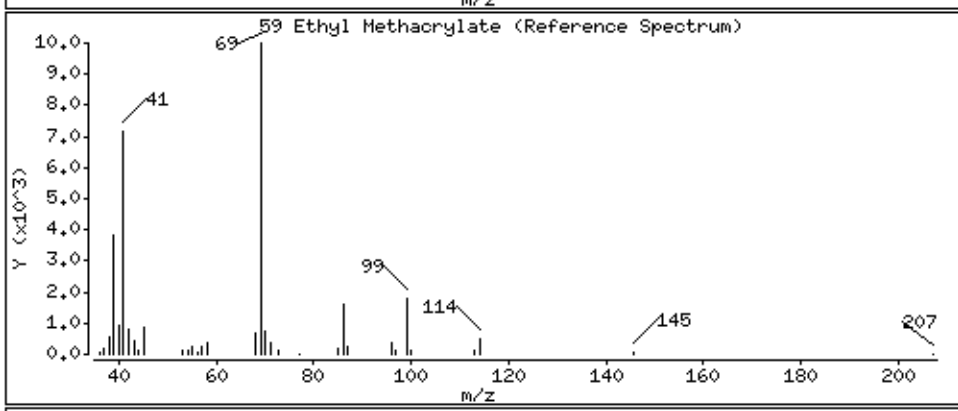
59 Ethyl Methacrylate

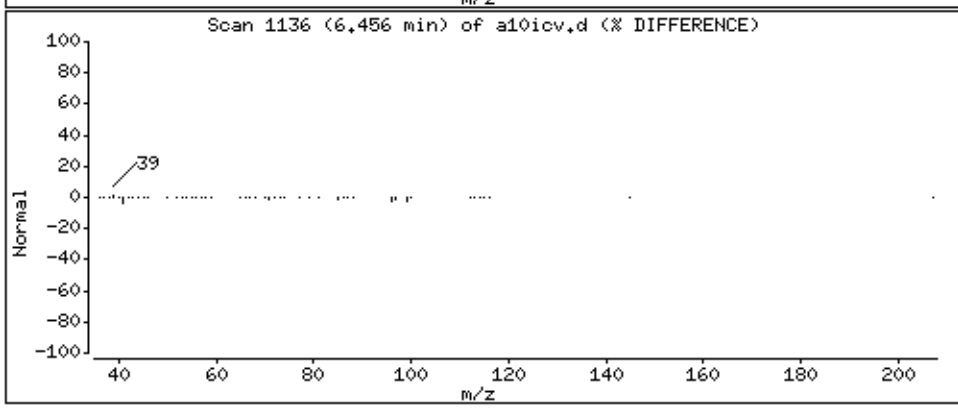
Concentration: 192 ppb

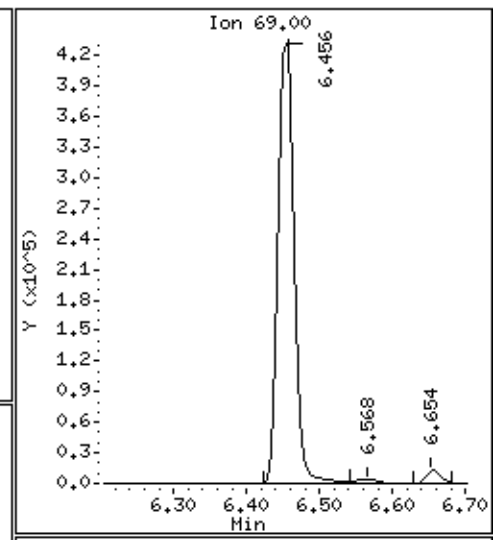
Review Code:

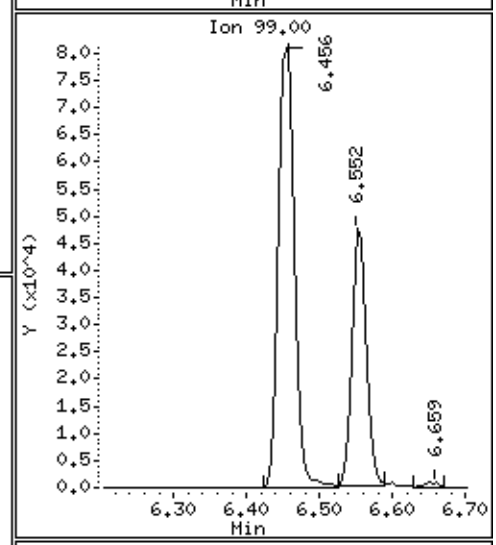


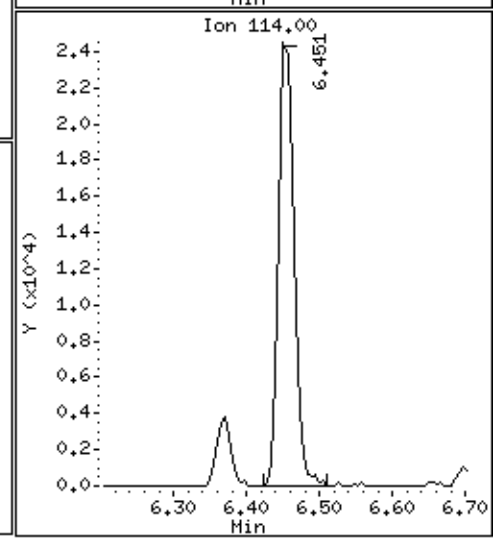












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

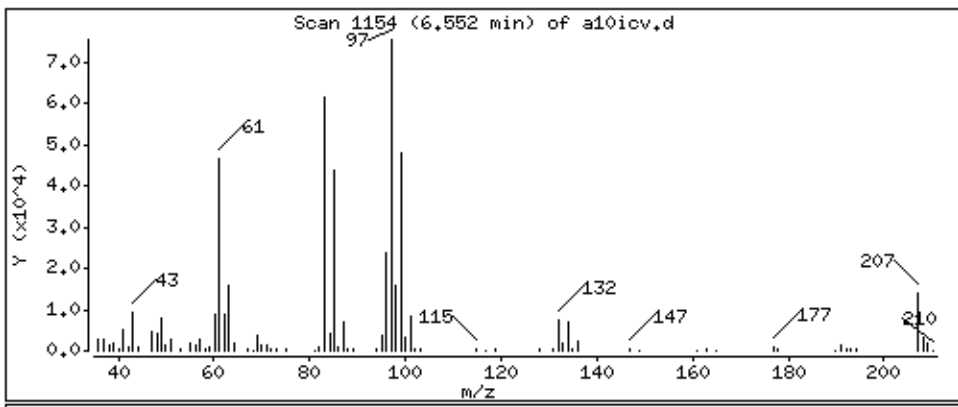
Column phase: DB-624

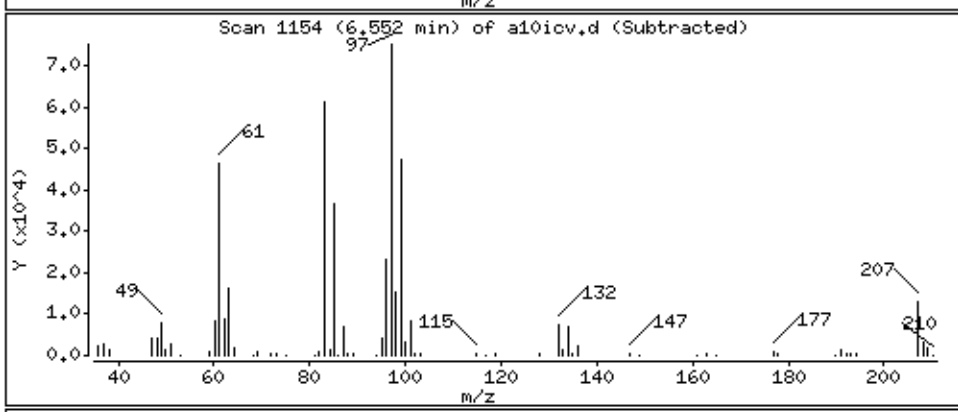
Column diameter: 0.18

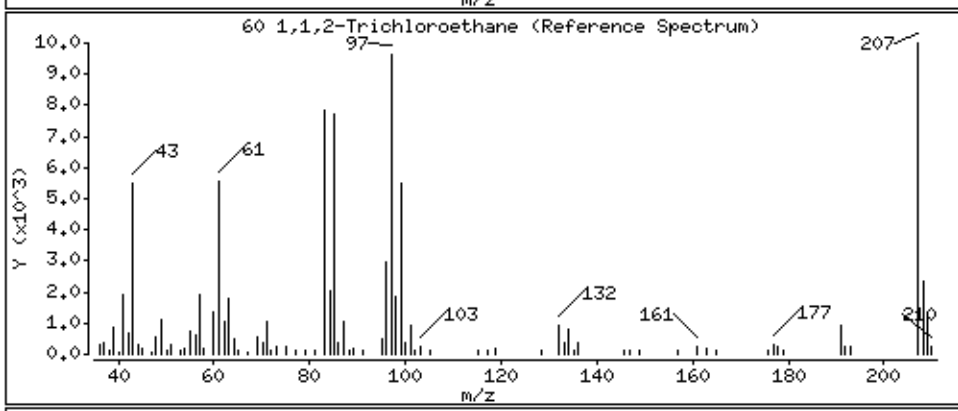
60 1,1,2-Trichloroethane

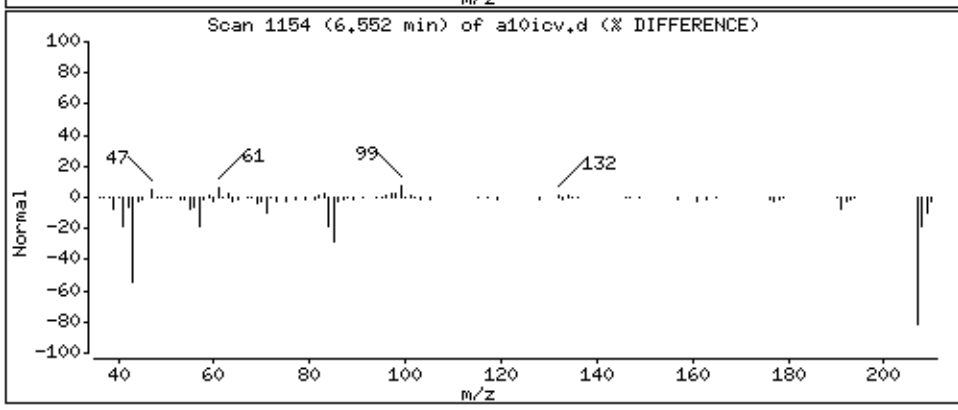
Concentration: 48.0 ppb

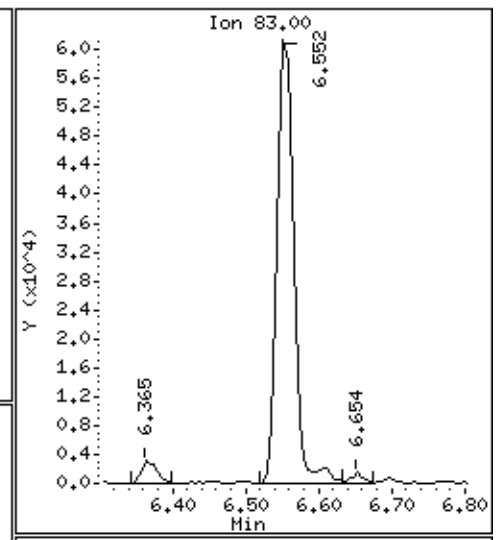
Review Code:

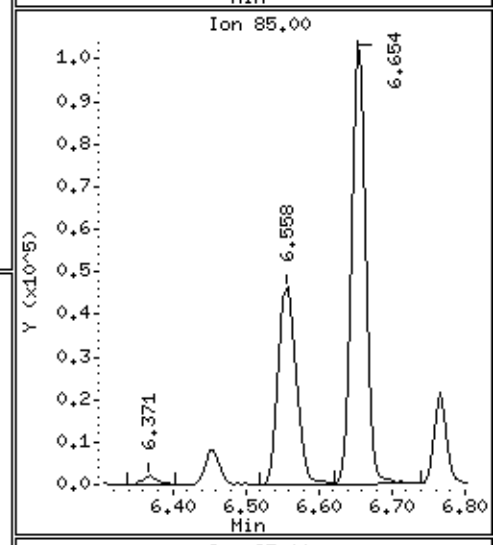


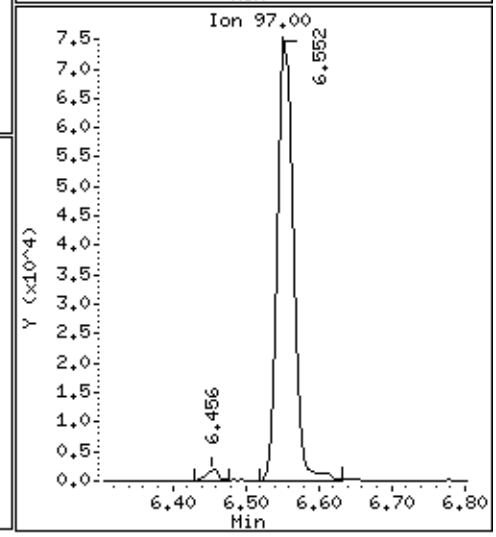












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

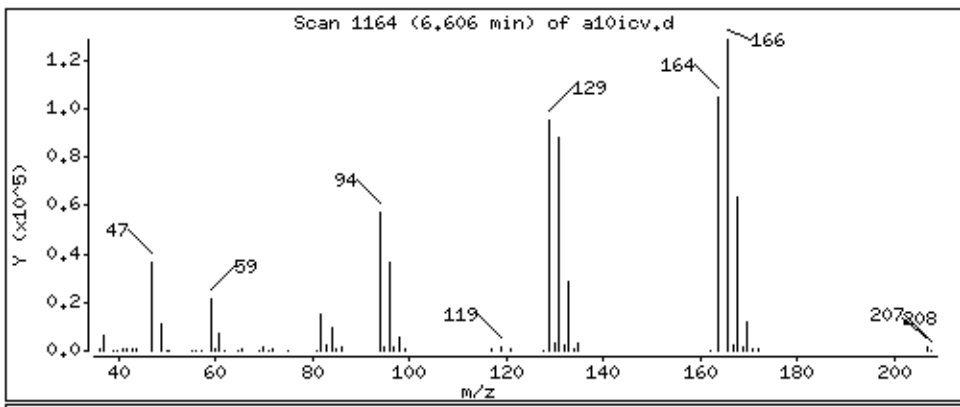
Column phase: DB-624

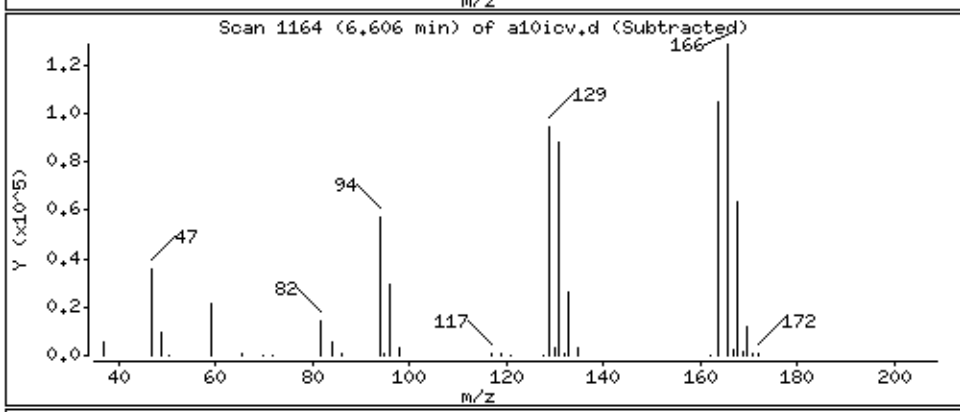
Column diameter: 0.18

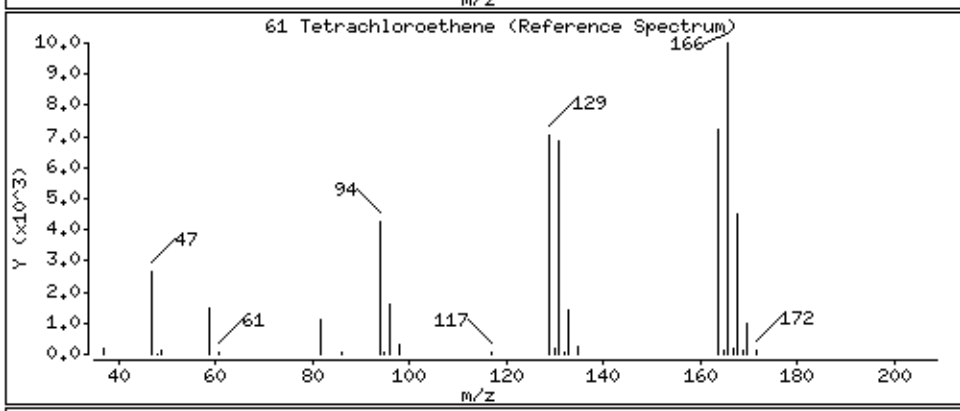
61 Tetrachloroethene

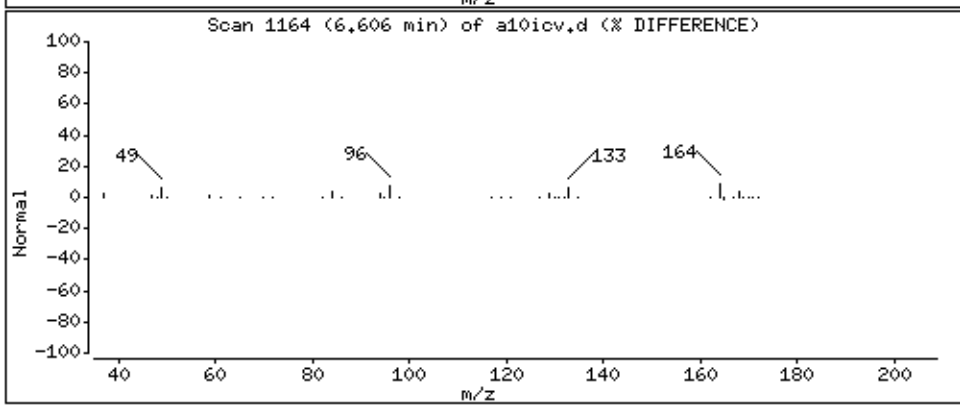
Concentration: 45.6 ppb

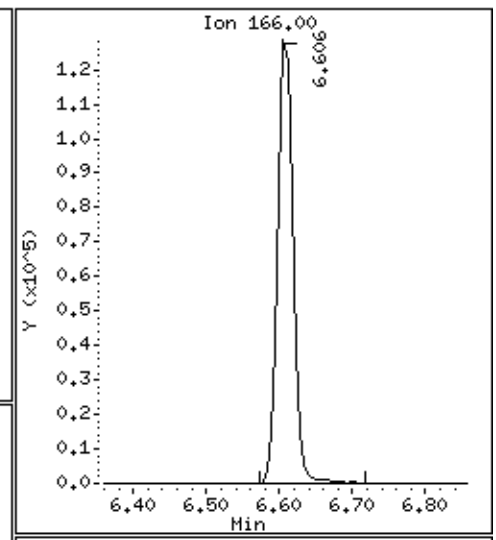
Review Code:

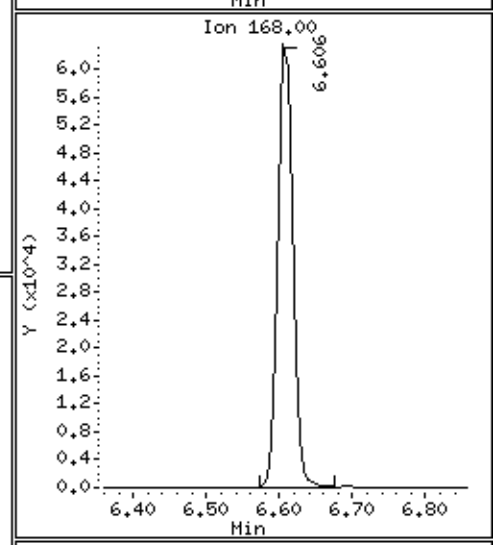


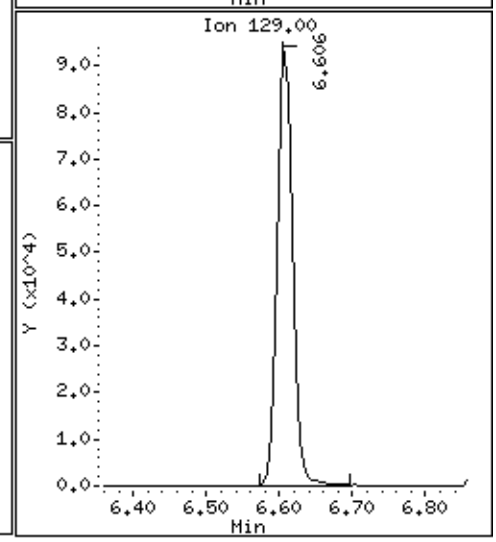












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

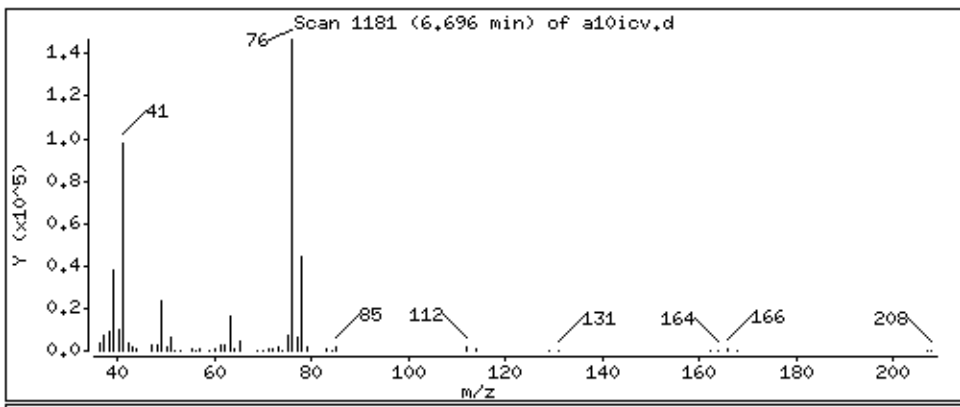
Column phase: DB-624

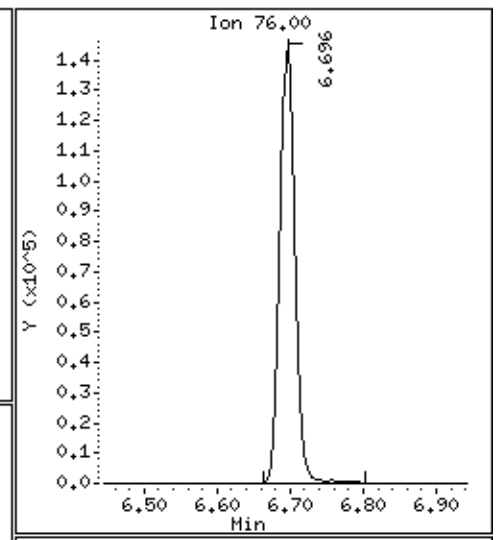
Column diameter: 0.18

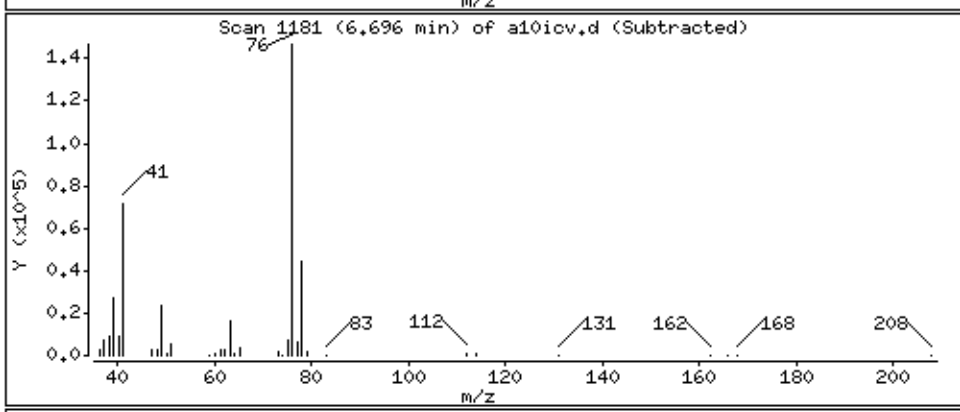
62 1,3-Dichloropropane

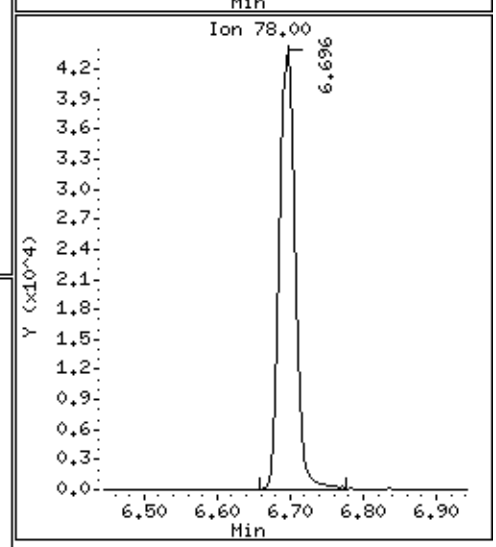
Concentration: 51.3 ppb

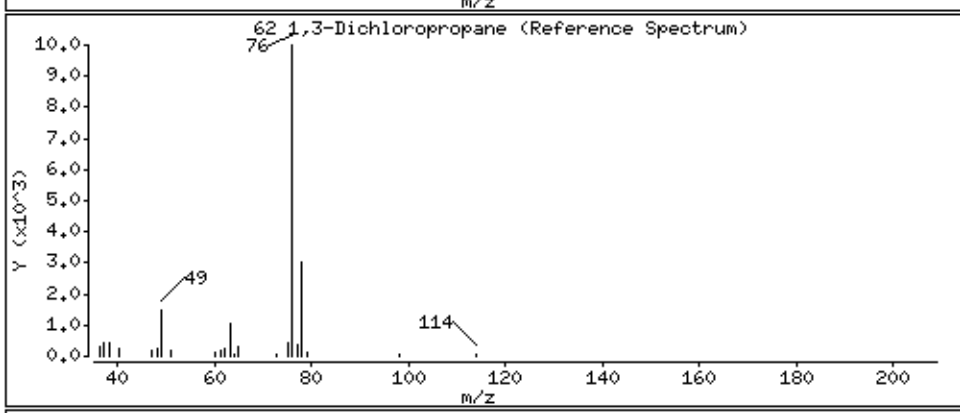
Review Code:

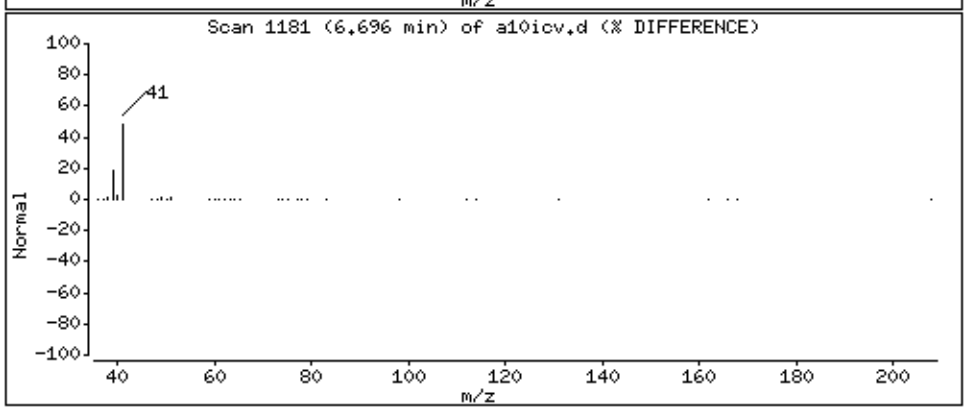












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

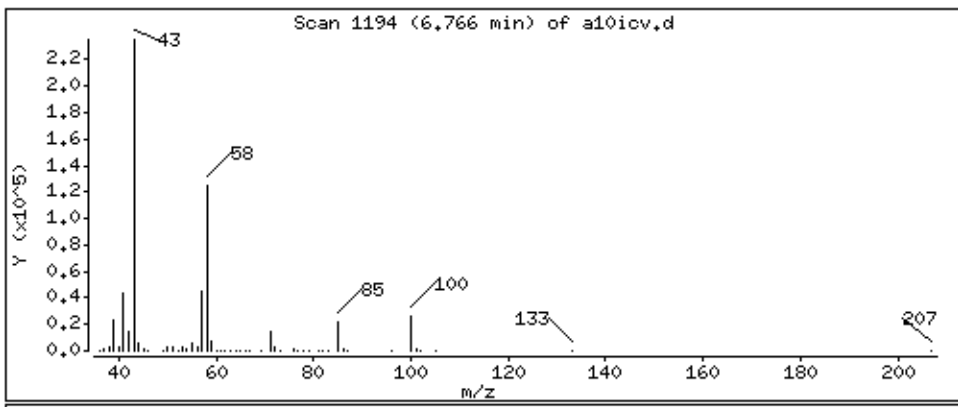
Column phase: DB-624

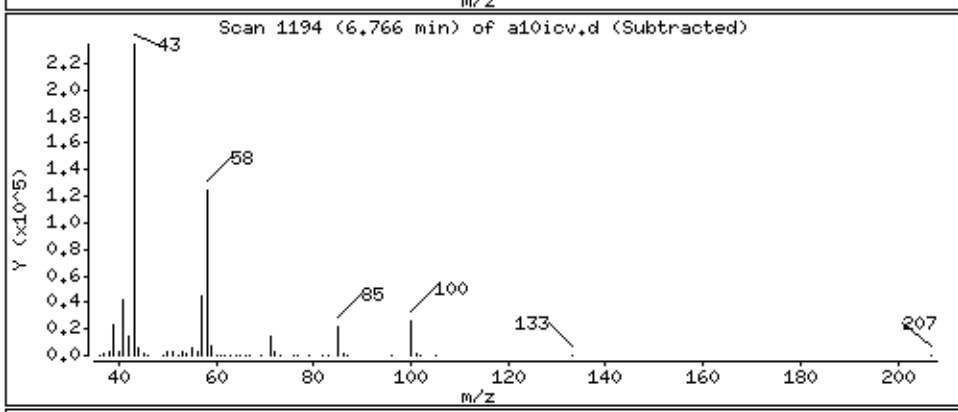
Column diameter: 0.18

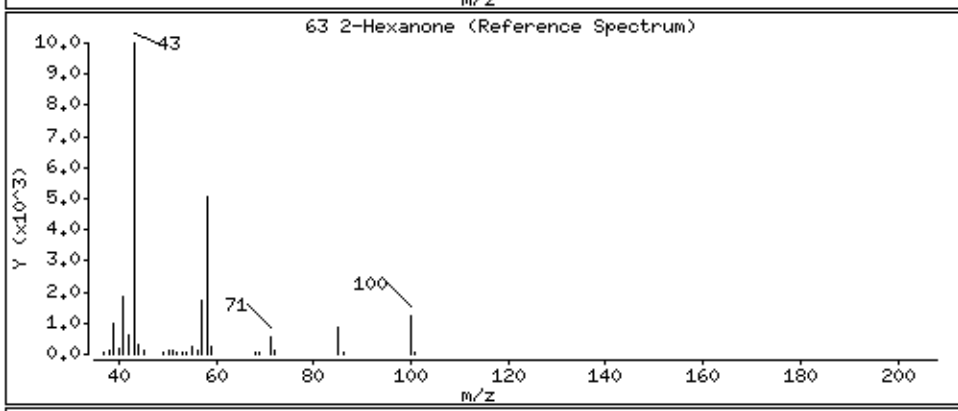
63 2-Hexanone

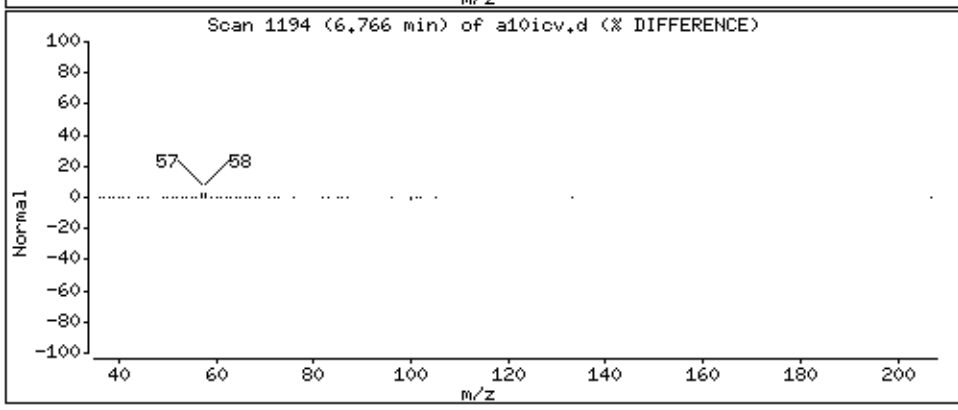
Concentration: 258 ppb

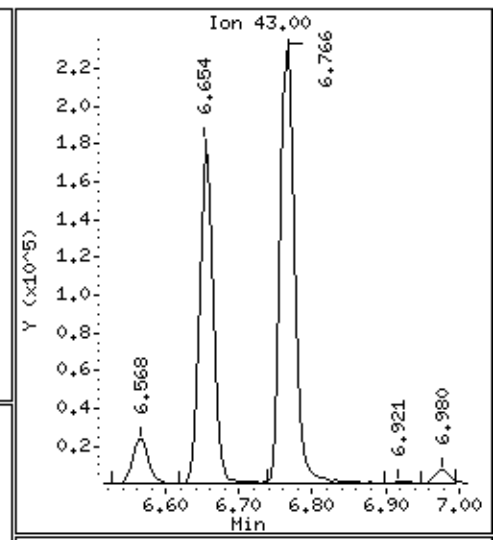
Review Code:

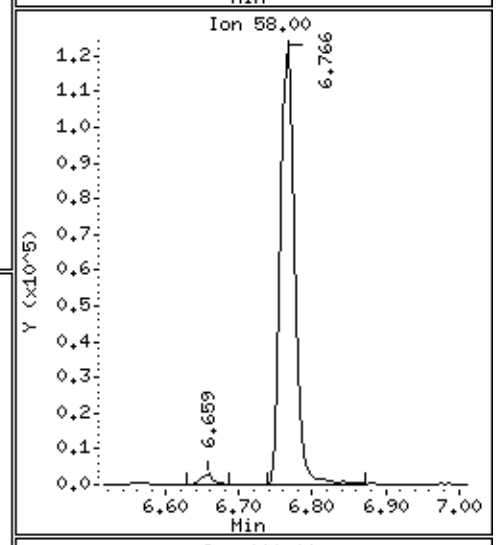


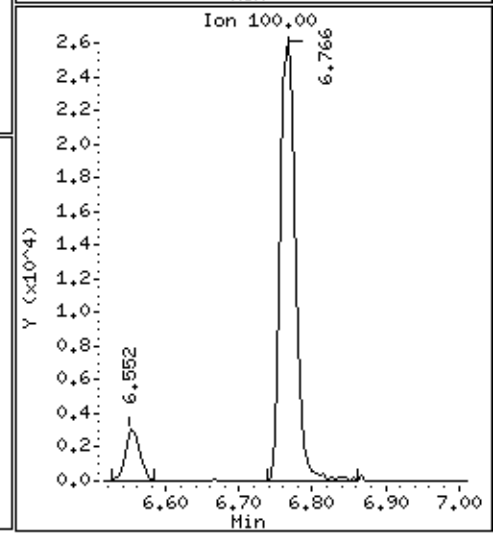












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

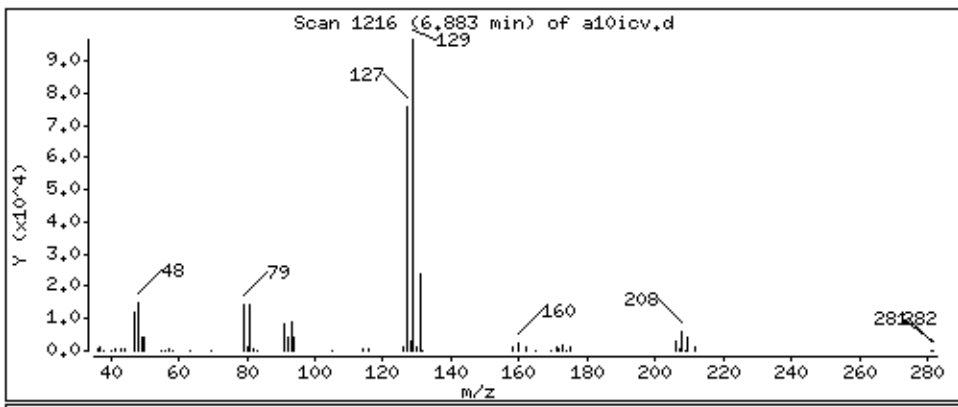
Column phase: DB-624

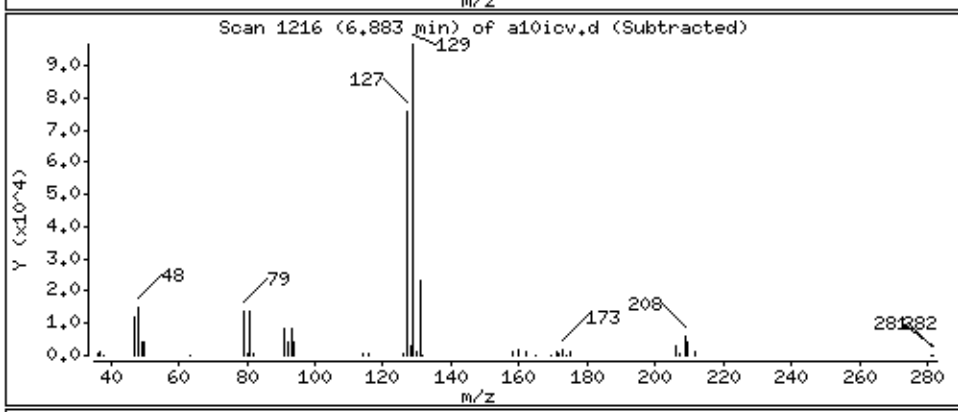
Column diameter: 0.18

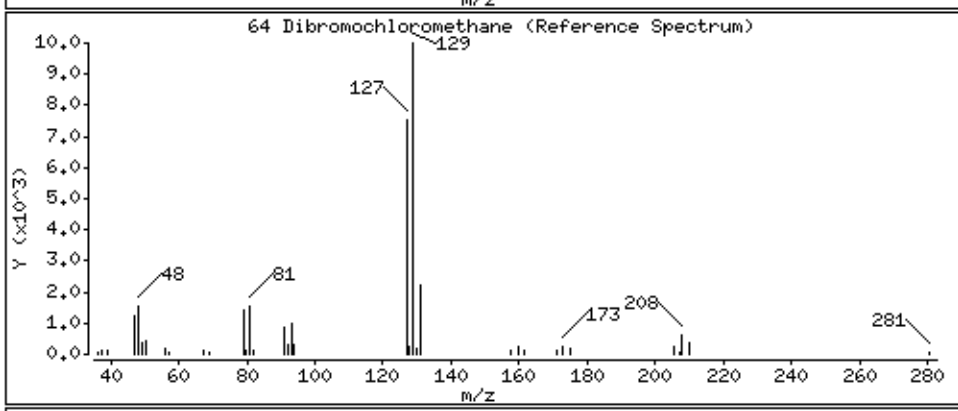
64 Dibromochloromethane

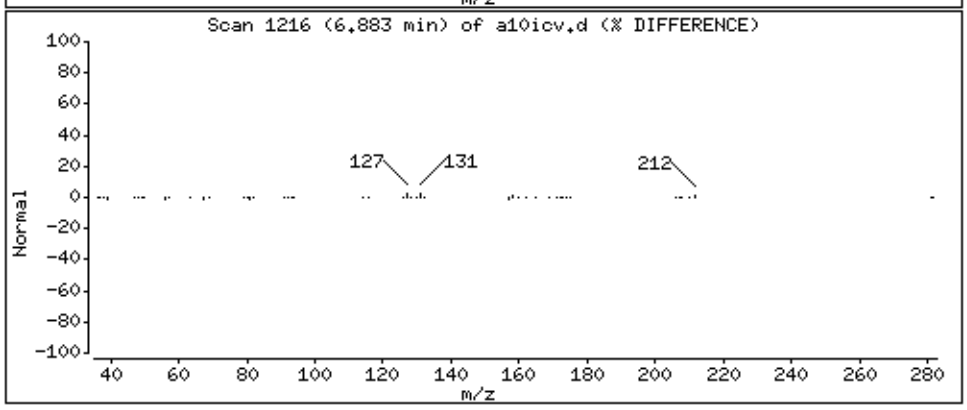
Concentration: 49.2 ppb

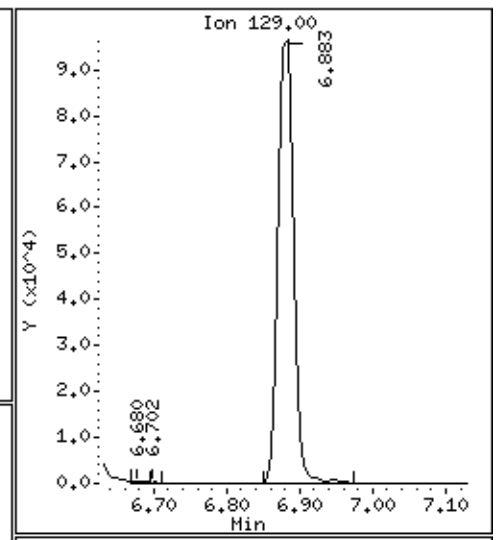
Review Code:

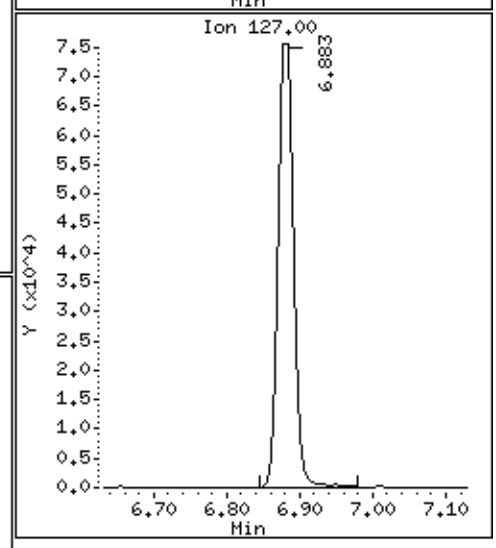












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

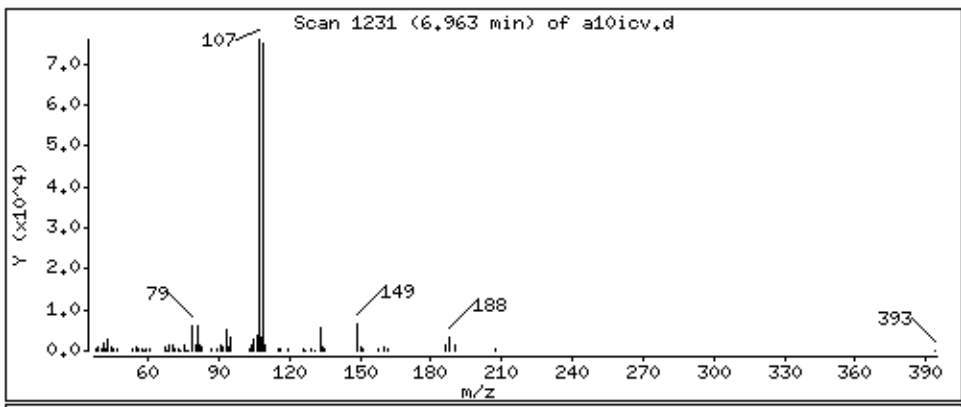
Column phase: DB-624

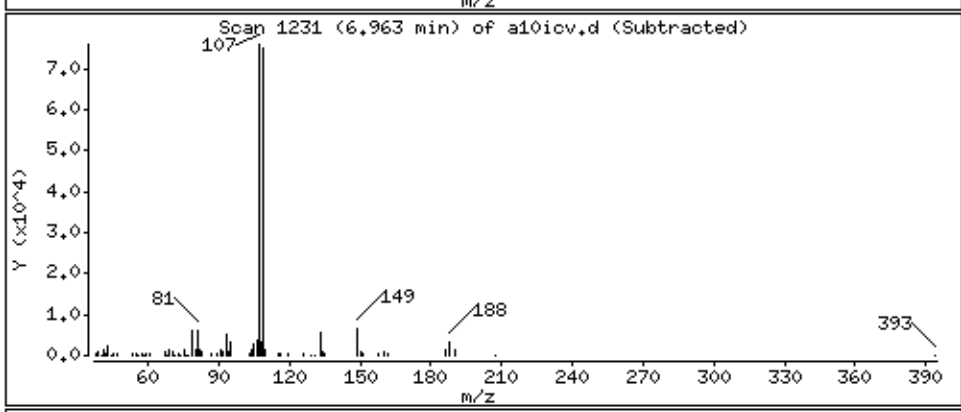
Column diameter: 0.18

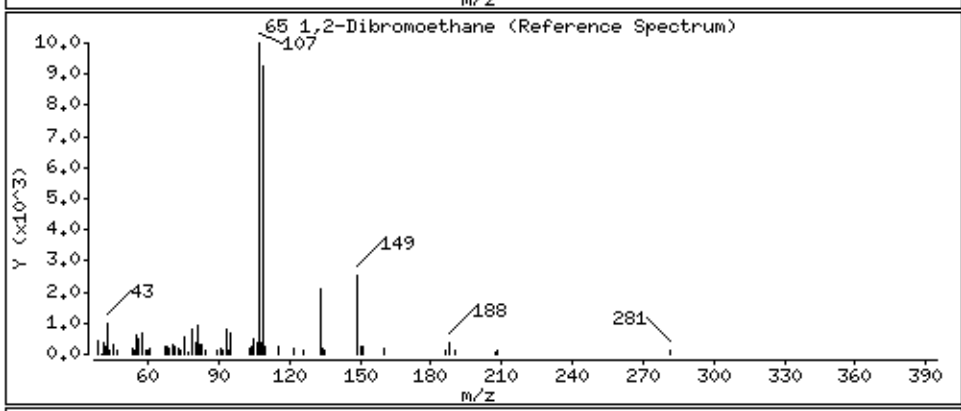
65 1,2-Dibromoethane

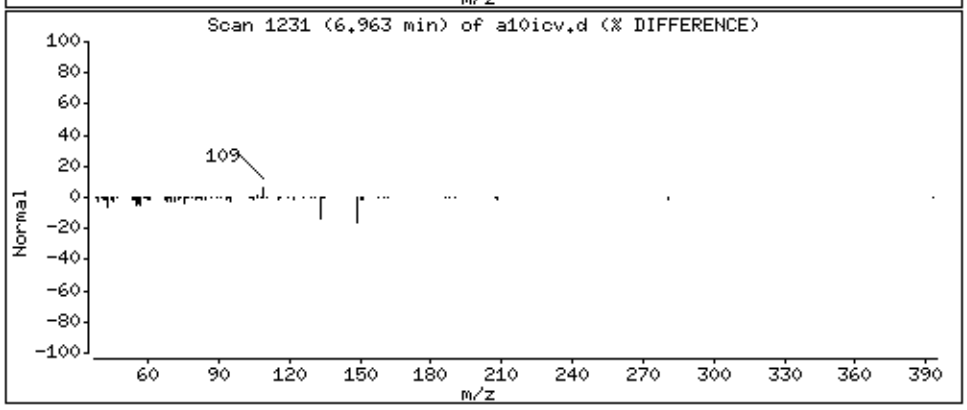
Concentration: 48.5 ppb

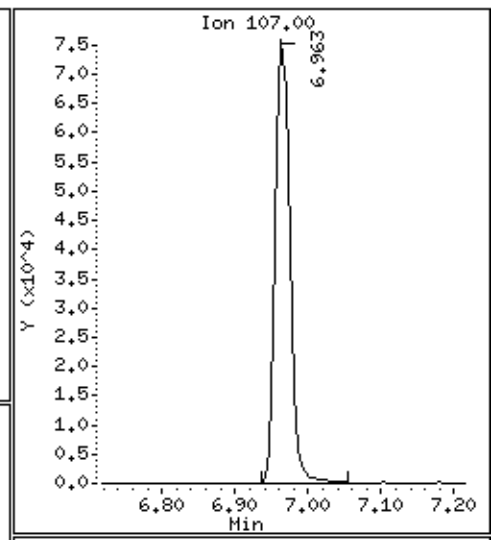
Review Code:

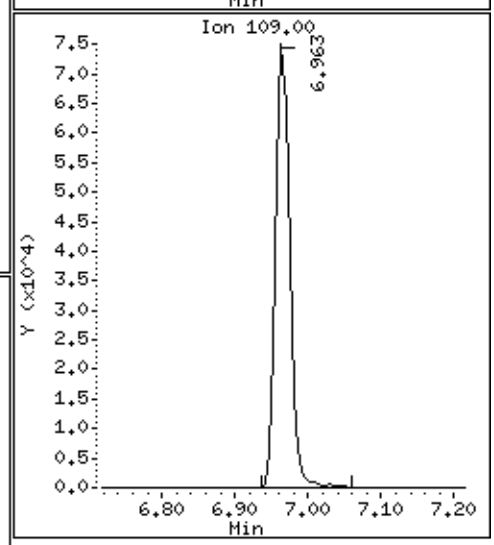












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

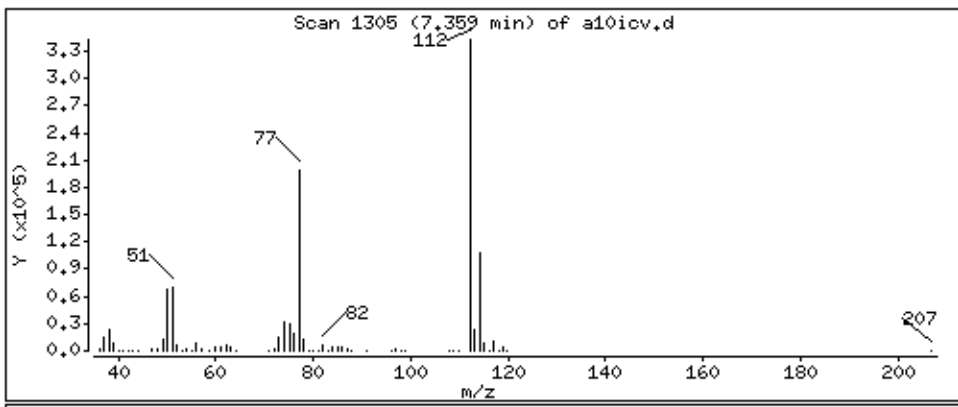
Column phase: DB-624

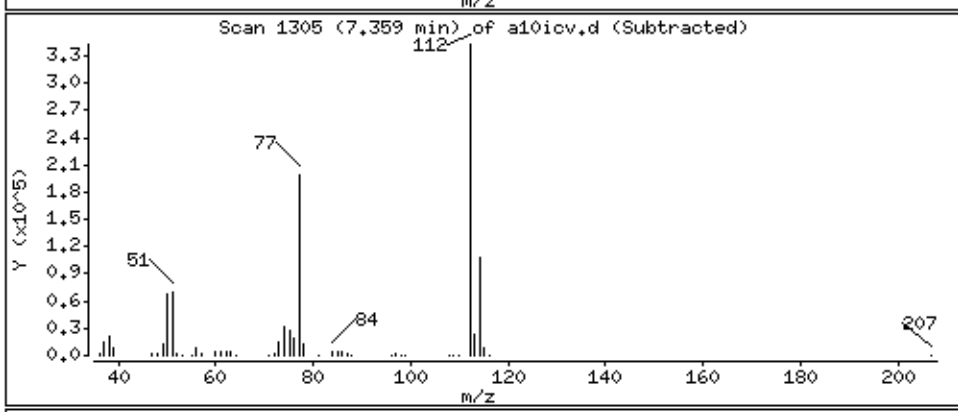
Column diameter: 0.18

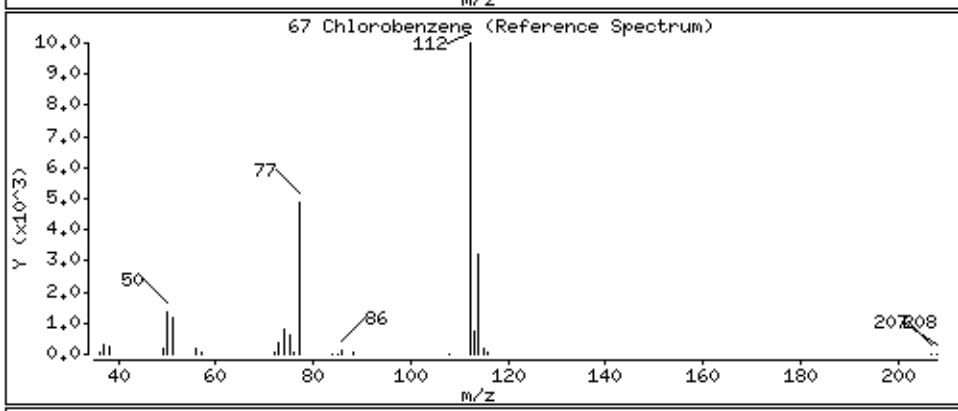
67 Chlorobenzene

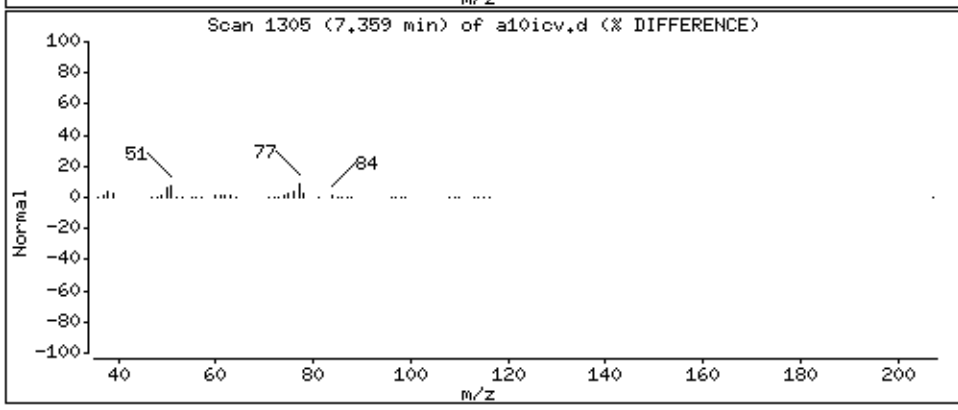
Concentration: 48.4 ppb

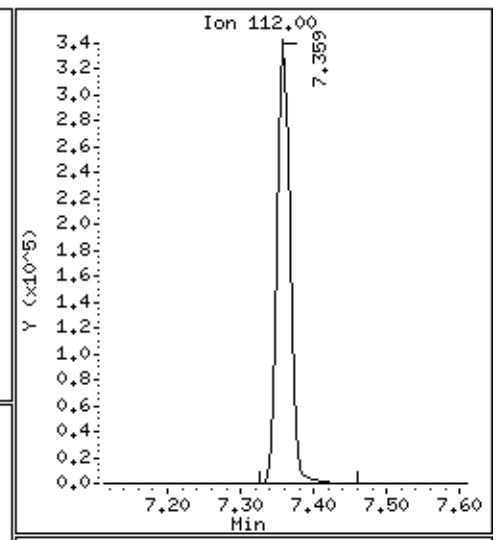
Review Code:

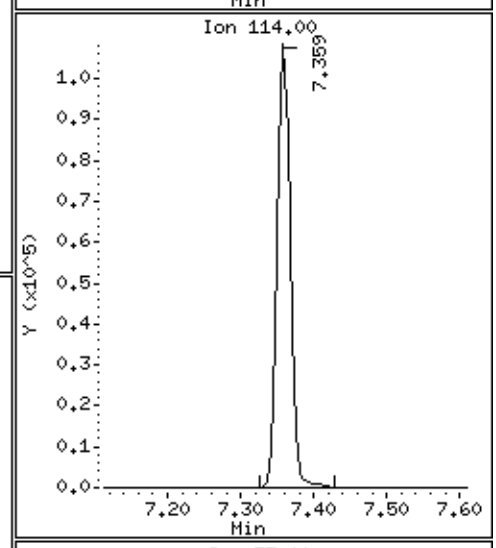


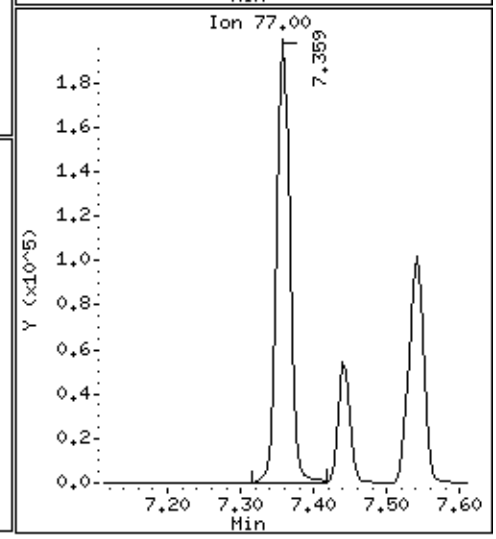












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

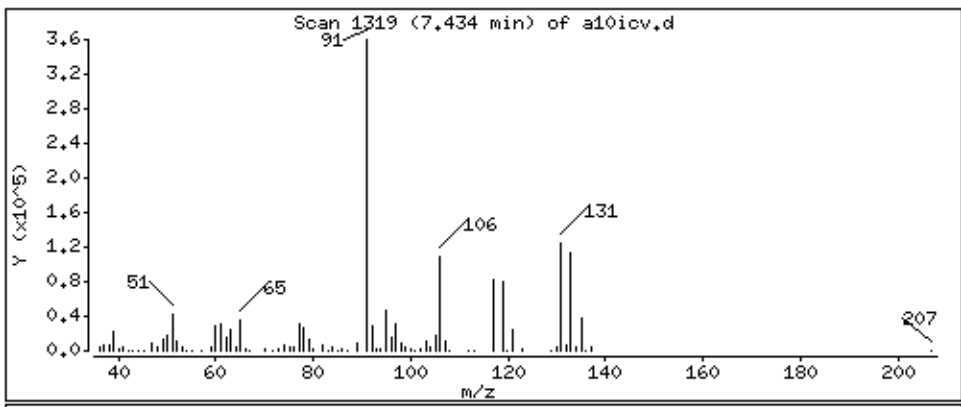
Column phase: DB-624

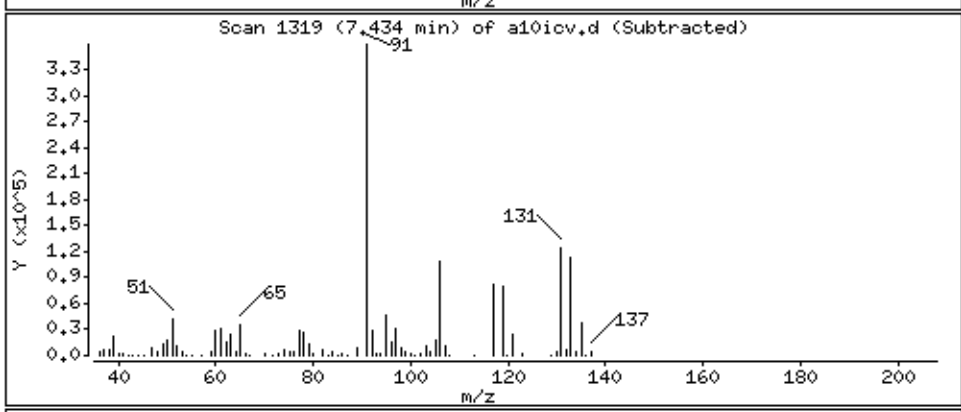
Column diameter: 0.18

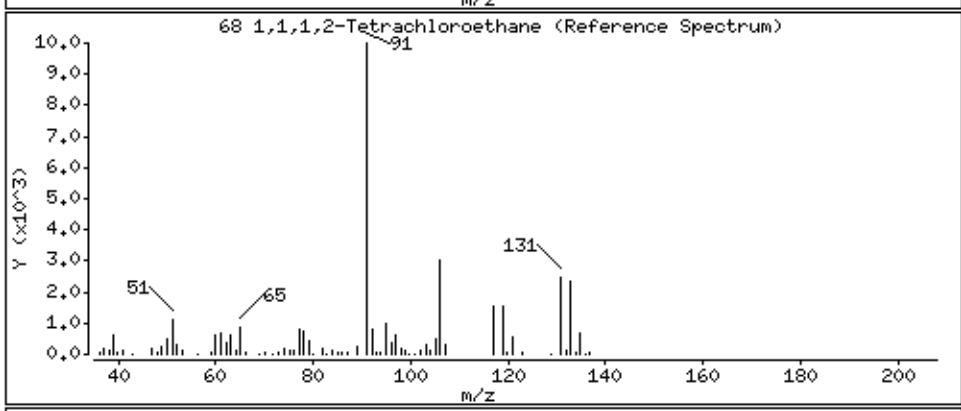
68 1,1,1,2-Tetrachloroethane

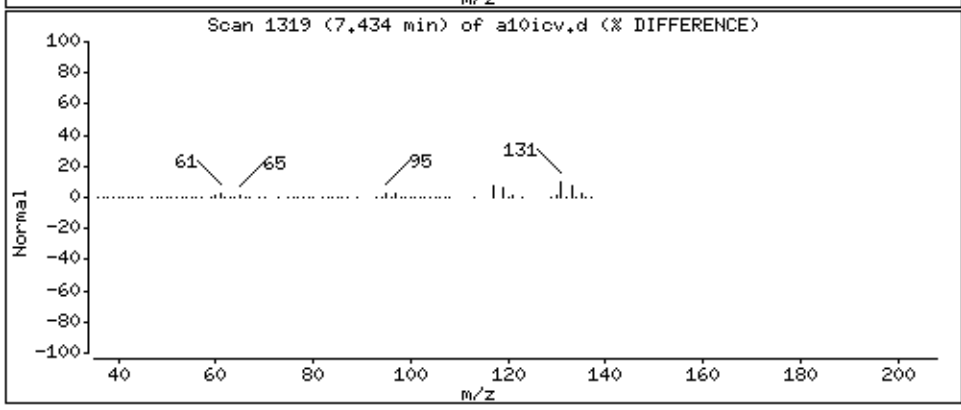
Concentration: 49.9 ppb

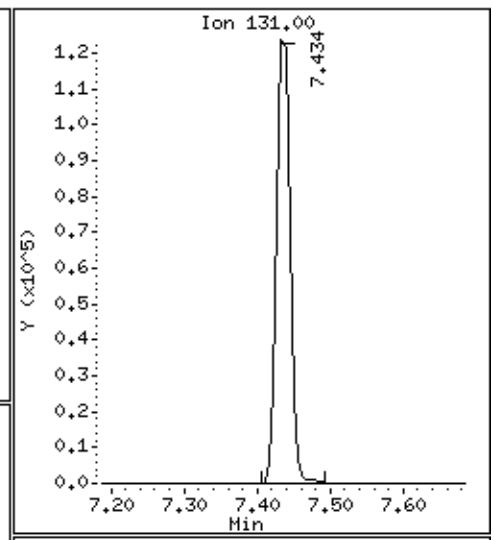
Review Code:

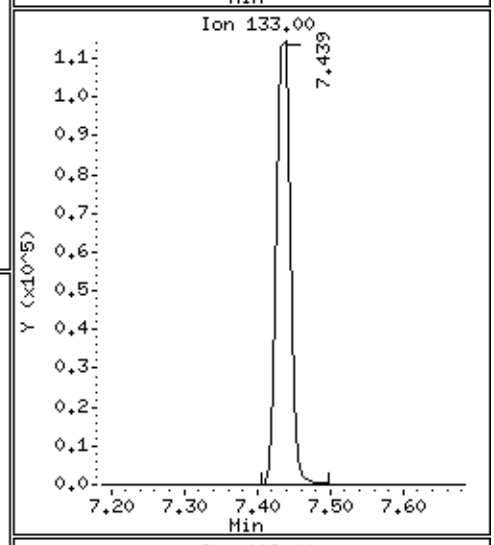


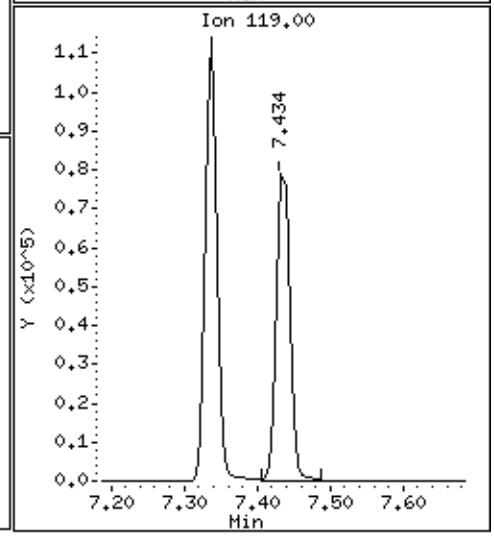












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

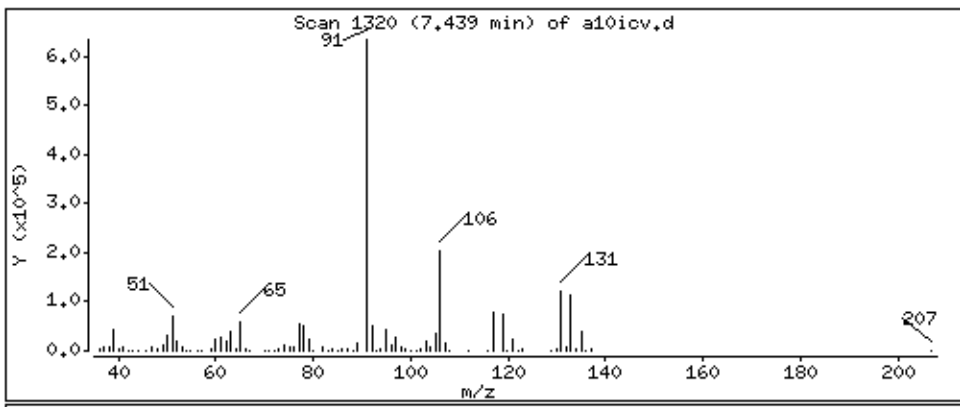
Column phase: DB-624

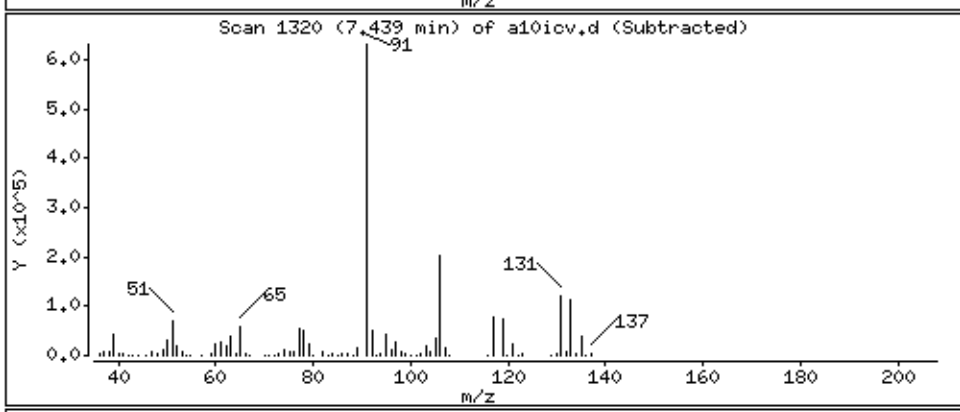
Column diameter: 0.18

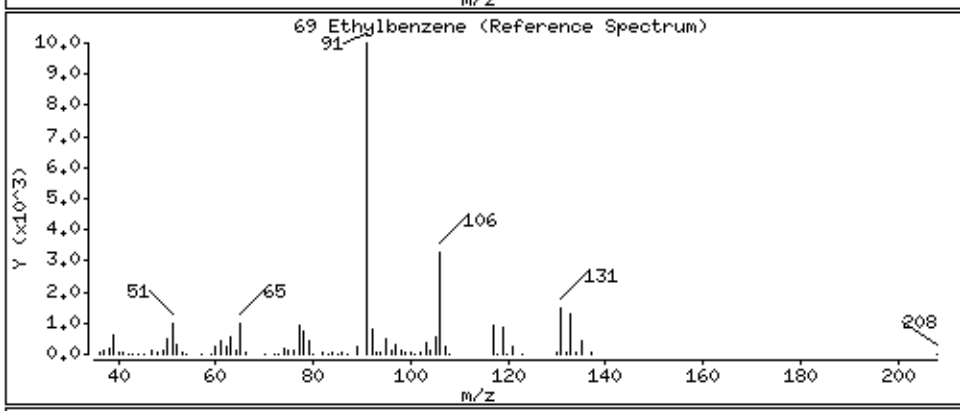
69 Ethylbenzene

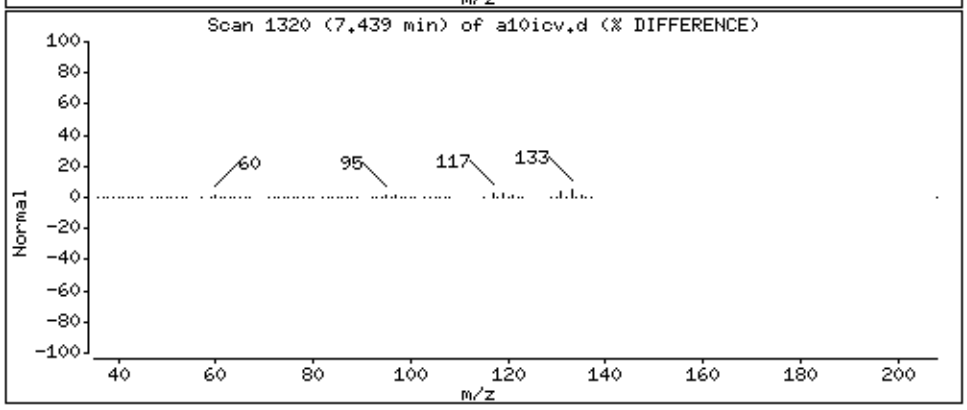
Concentration: 45.3 ppb

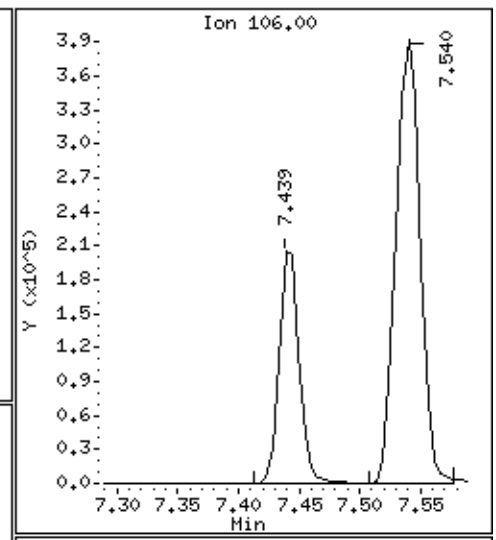
Review Code:

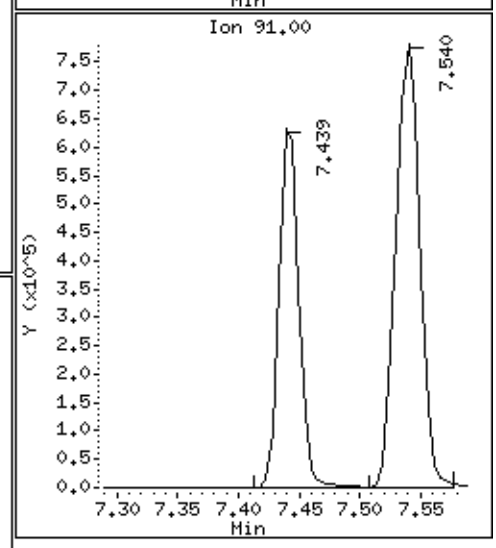












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

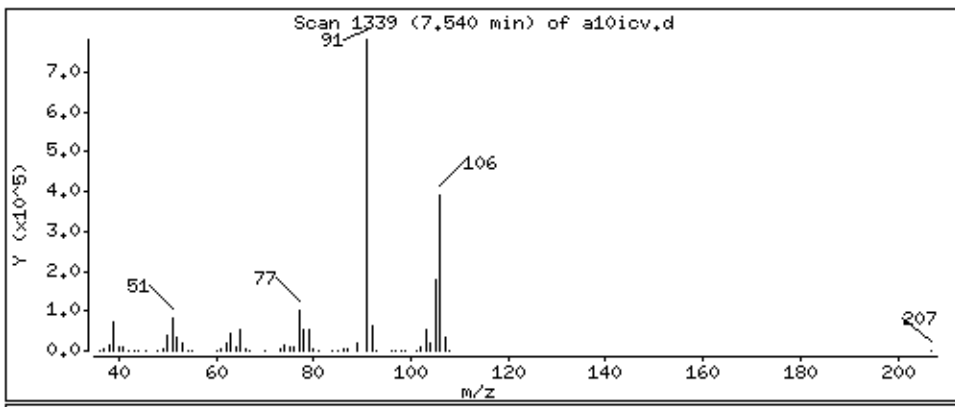
Column phase: DB-624

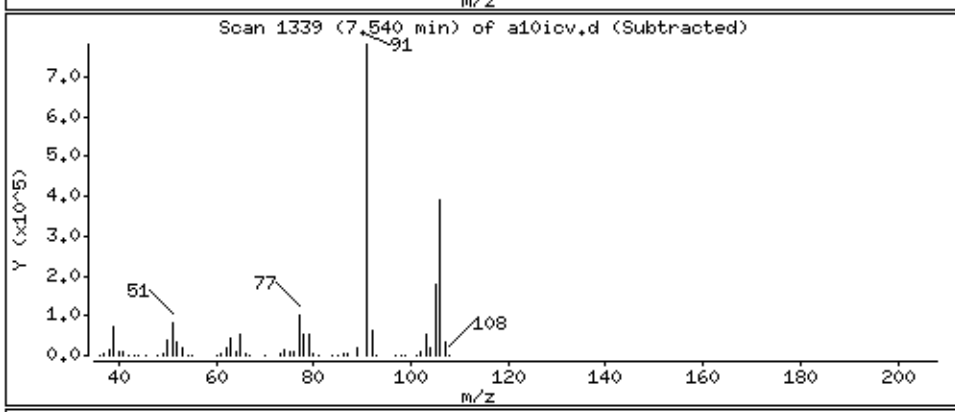
Column diameter: 0.18

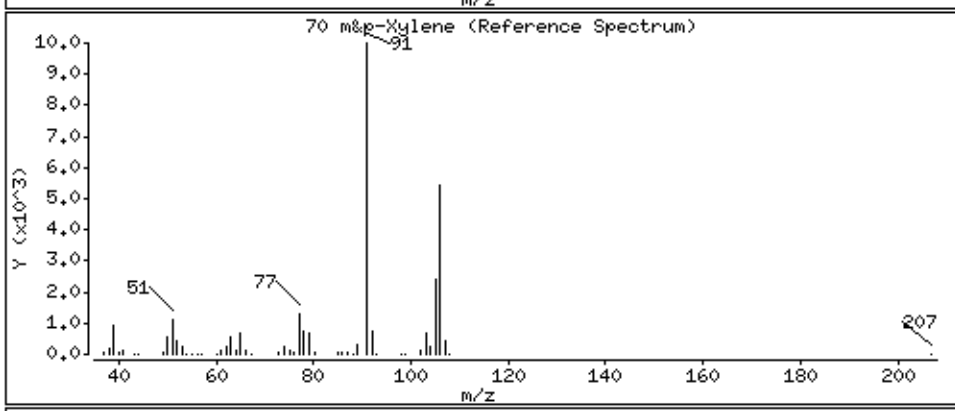
70 m&p-Xylene

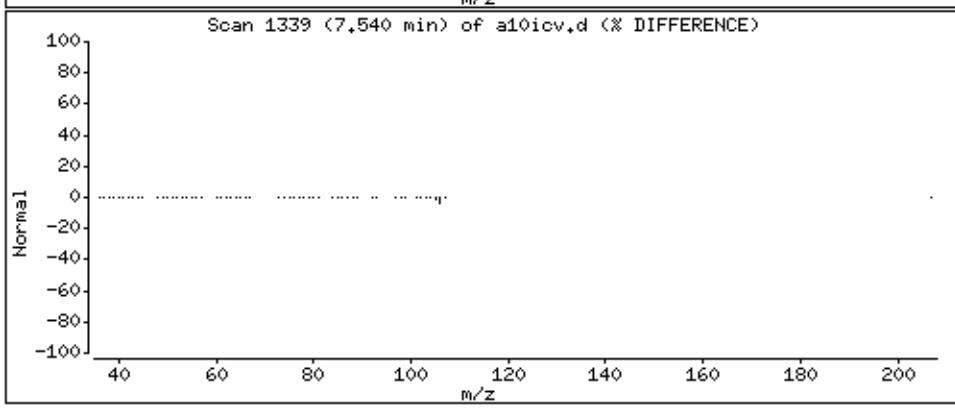
Concentration: 91.9 ppb

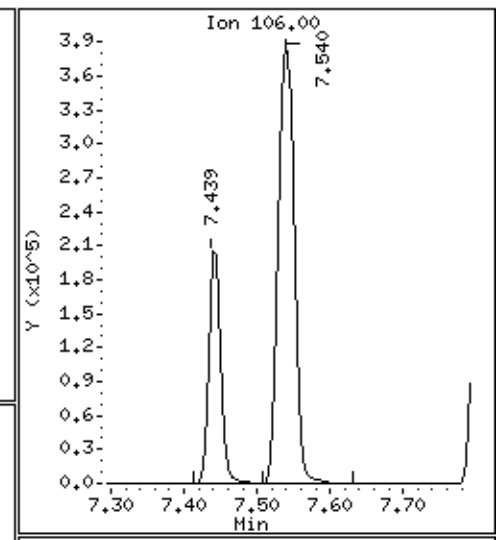
Review Code:

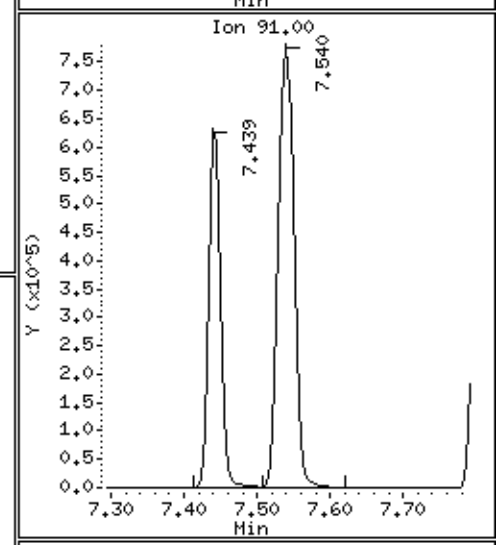


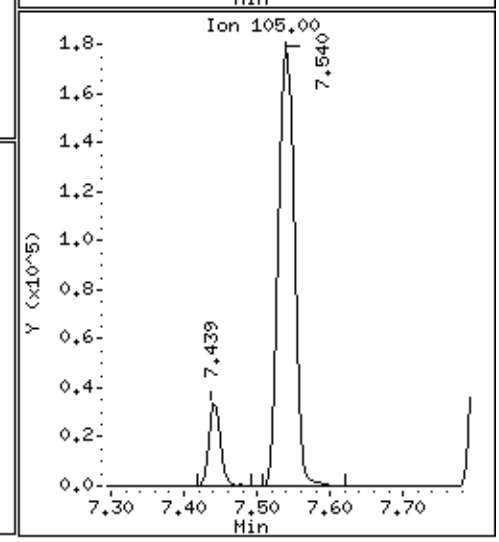












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

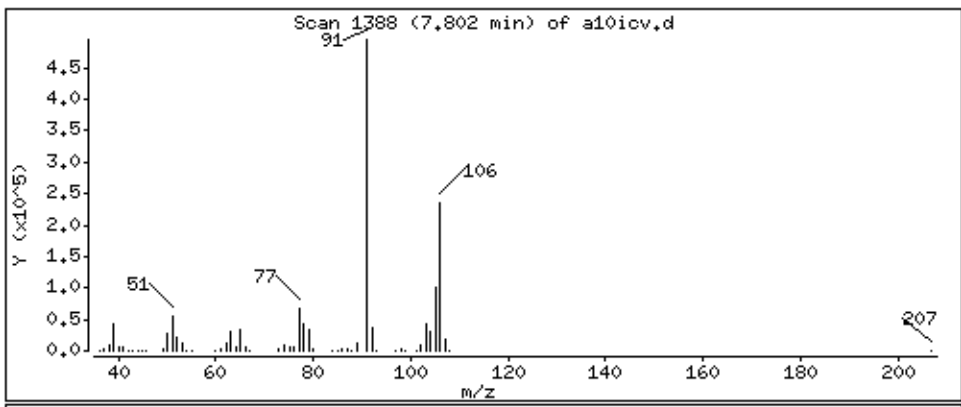
Column phase: DB-624

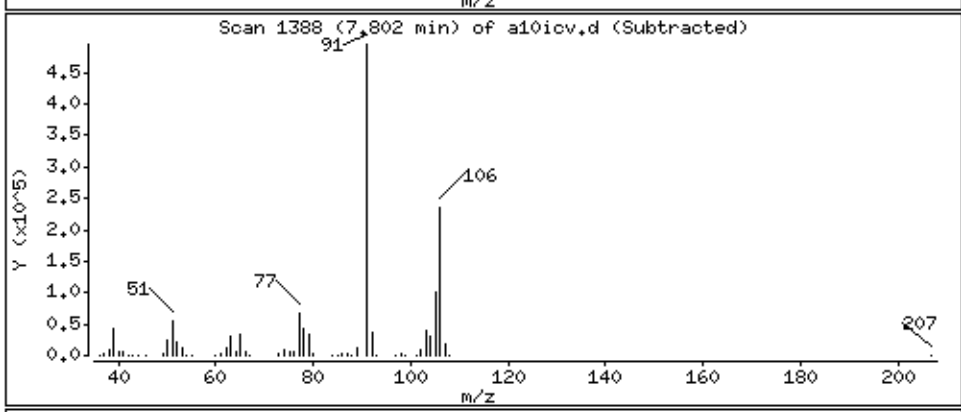
Column diameter: 0.18

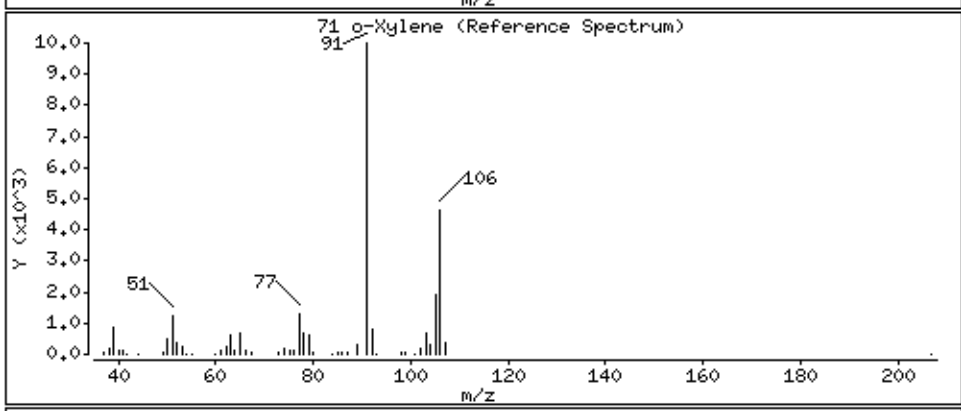
71 o-Xylene

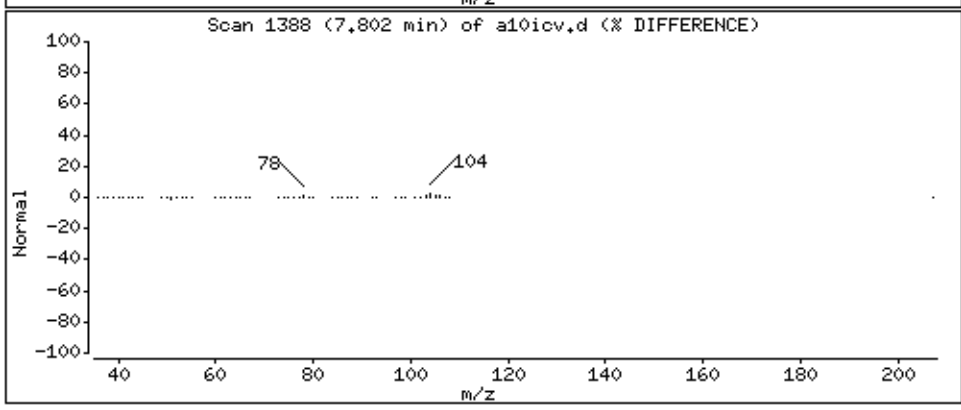
Concentration: 46.8 ppb

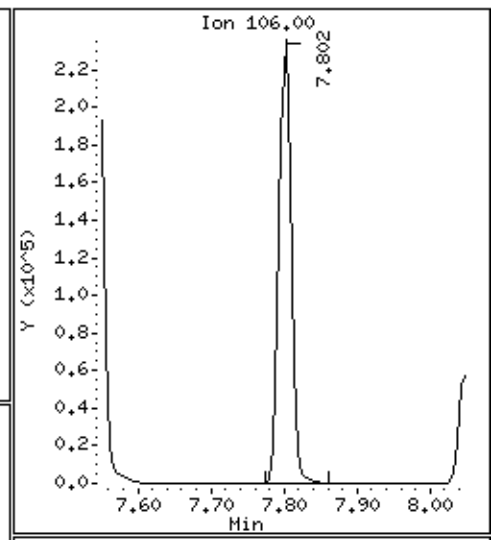
Review Code:

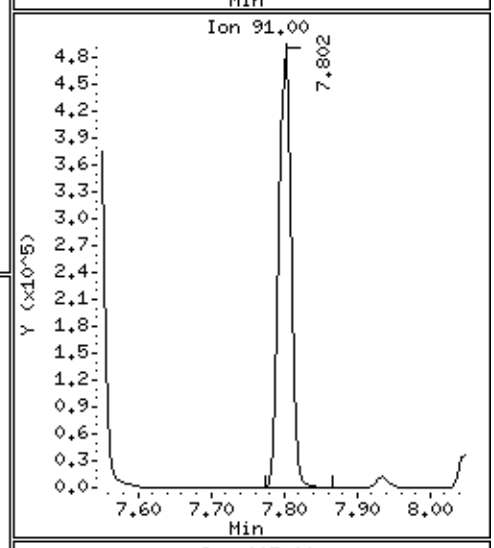


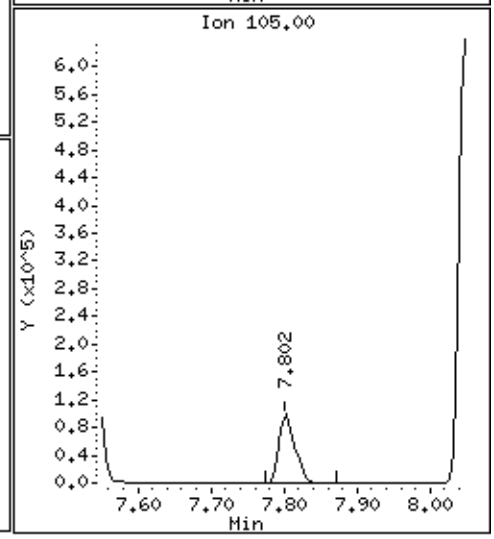












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

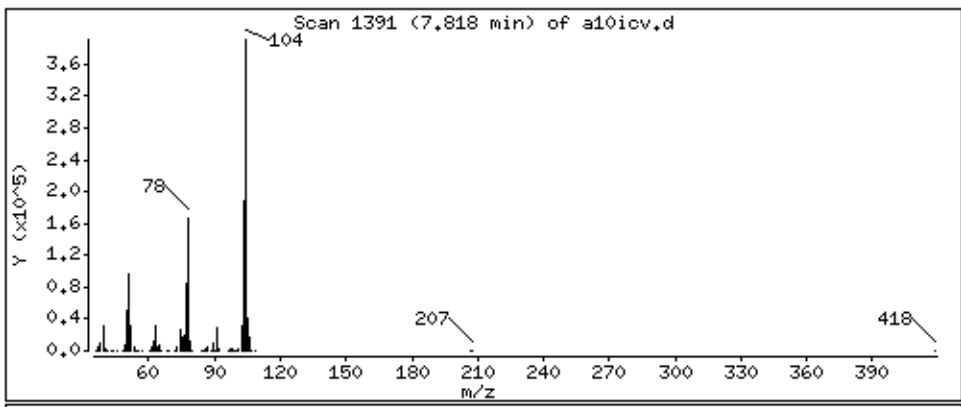
Column phase: DB-624

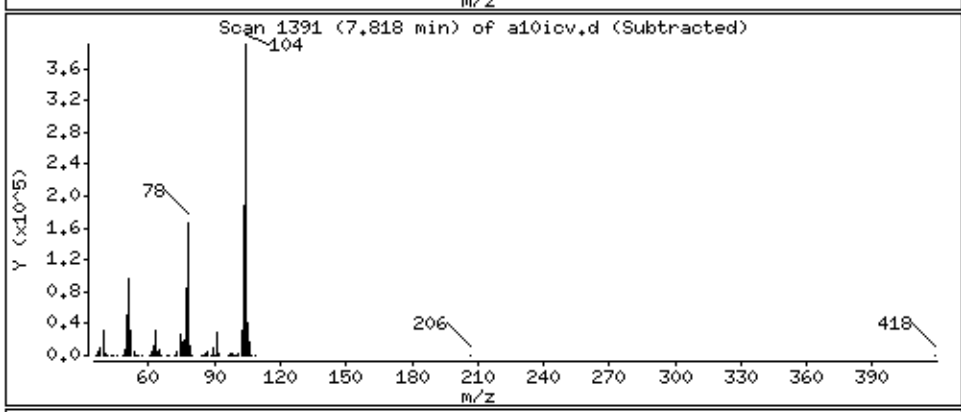
Column diameter: 0.18

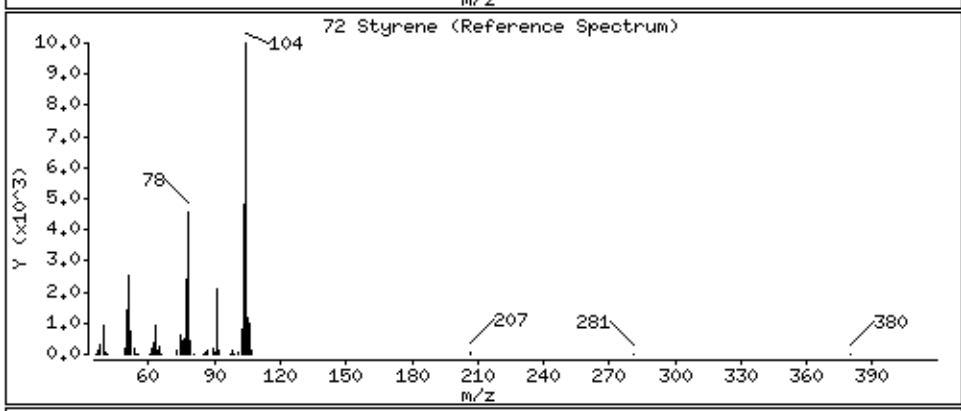
72 Styrene

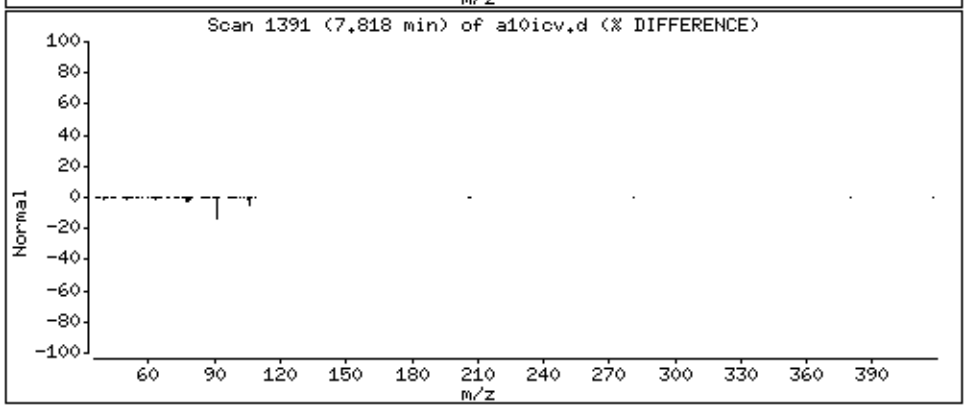
Concentration: 42.8 ppb

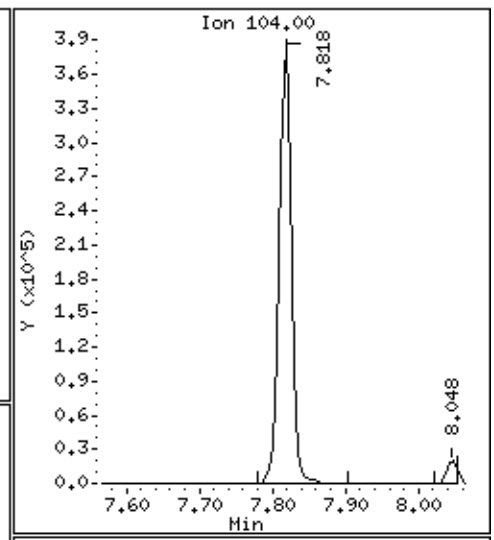
Review Code:

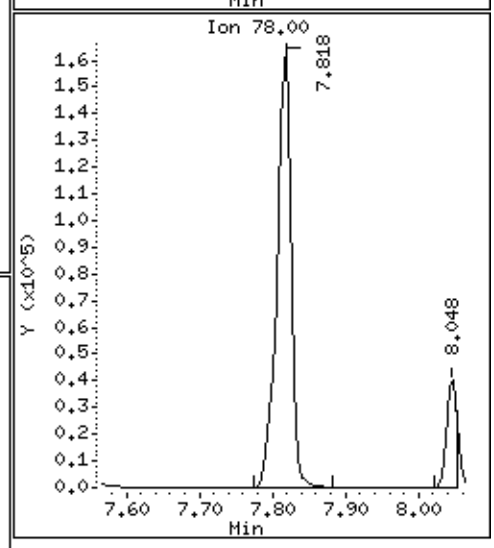












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

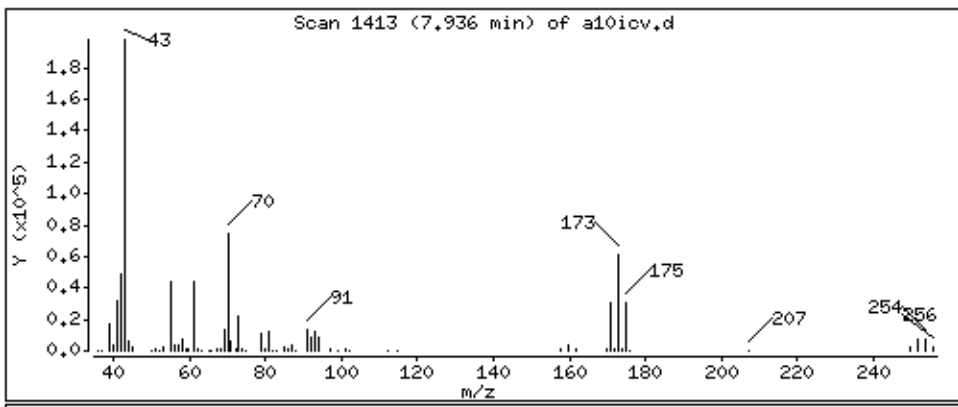
Column phase: DB-624

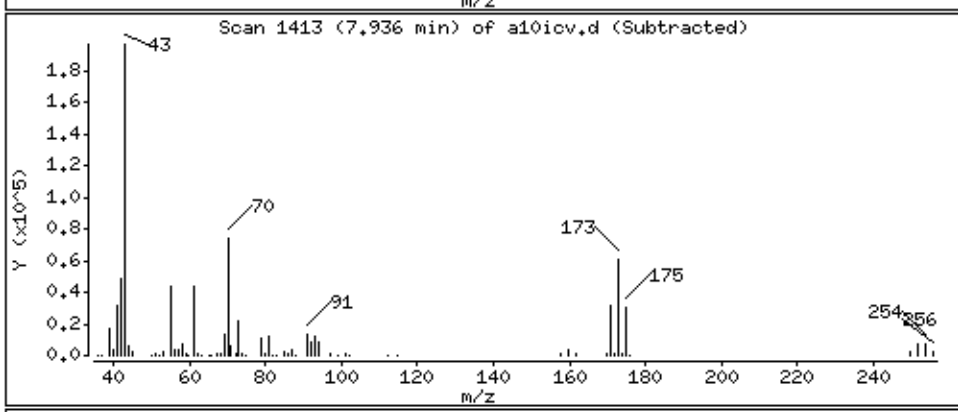
Column diameter: 0.18

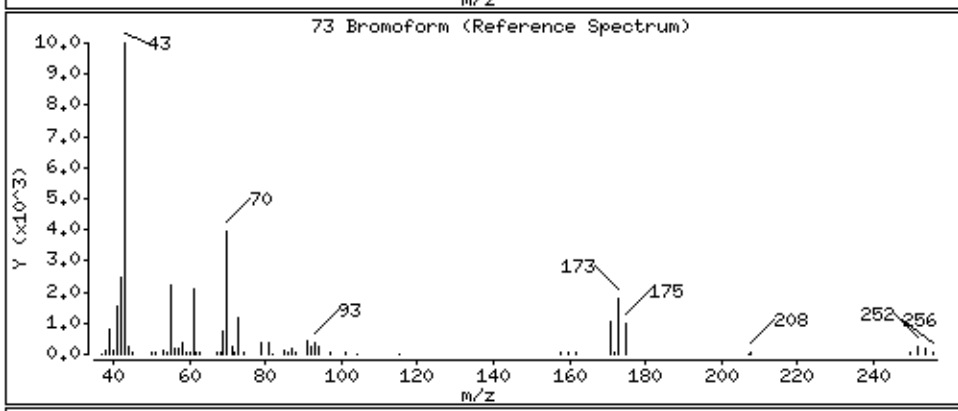
73 Bromoform

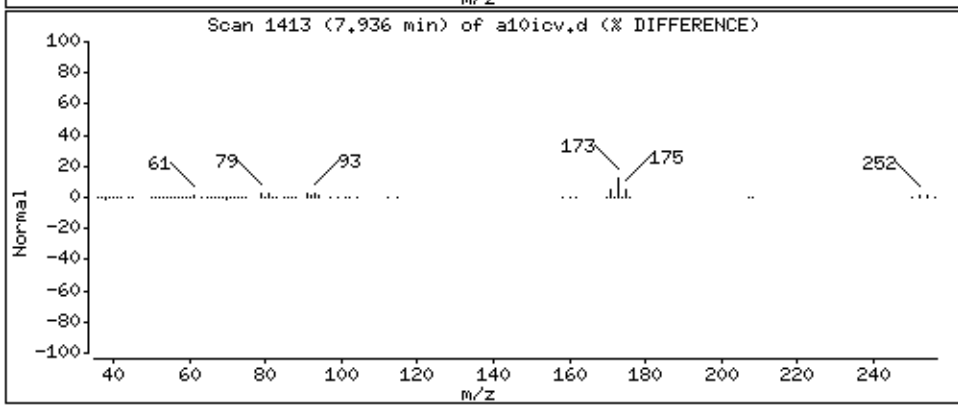
Concentration: 49.2 ppb

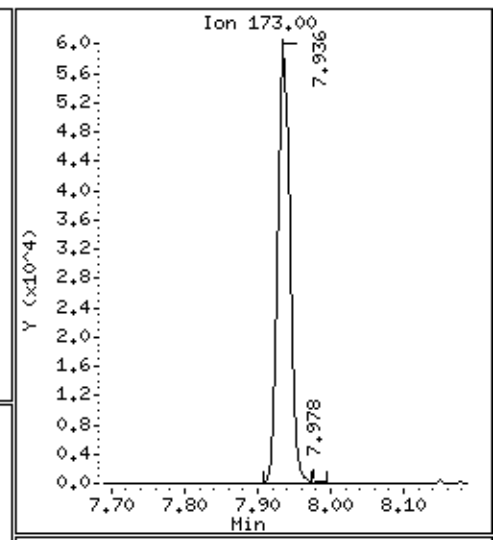
Review Code:

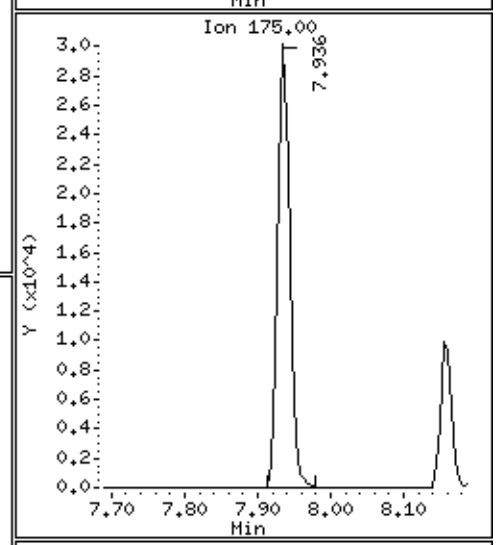


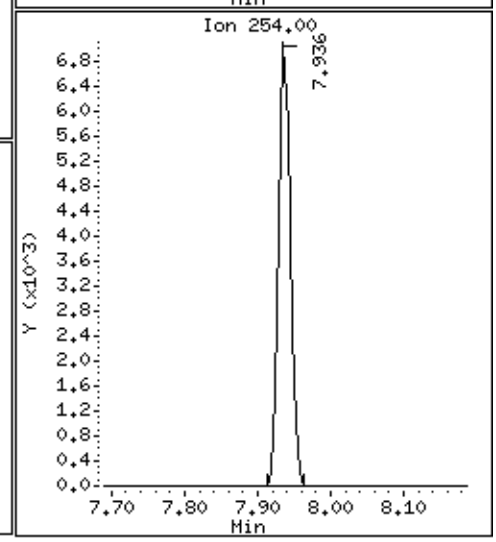












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

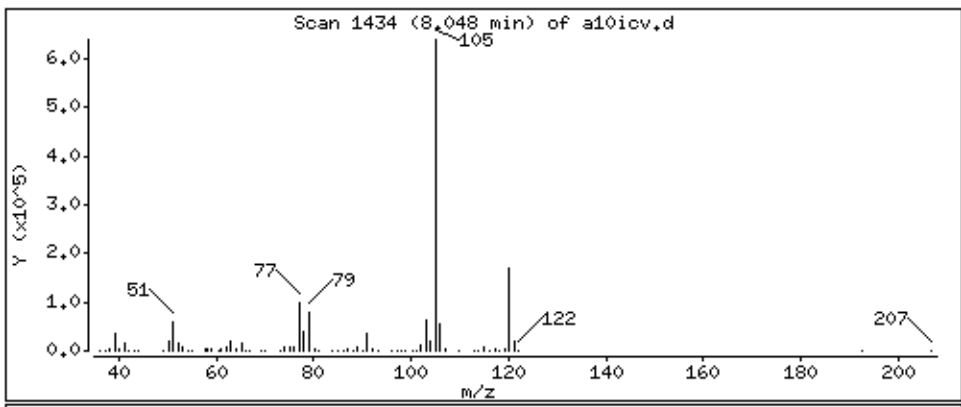
Column phase: DB-624

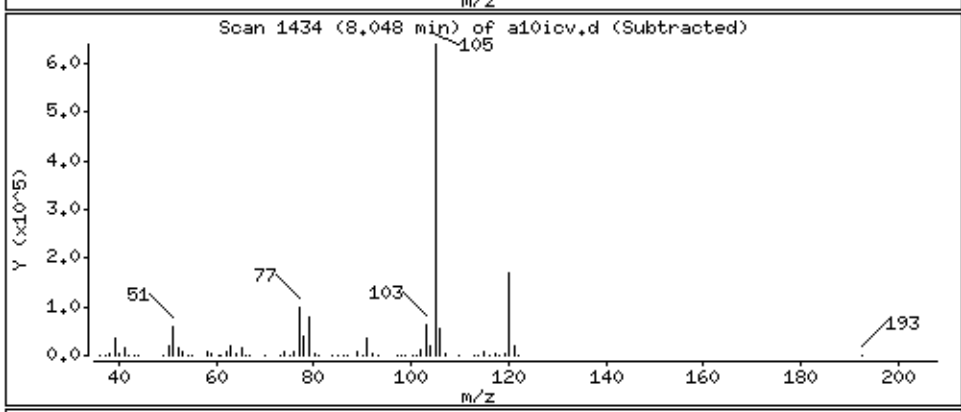
Column diameter: 0.18

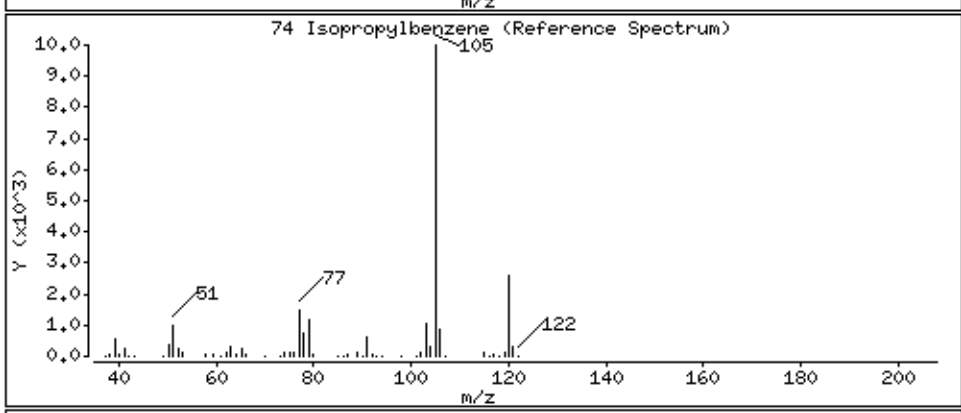
74 Isopropylbenzene

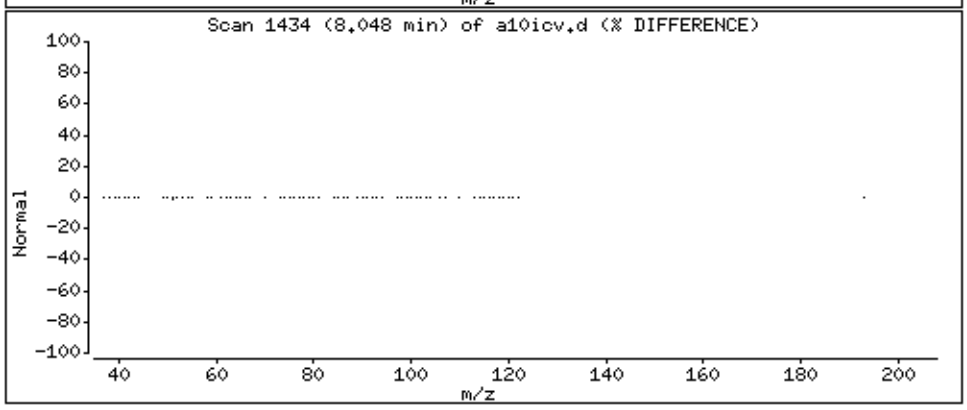
Concentration: 47.1 ppb

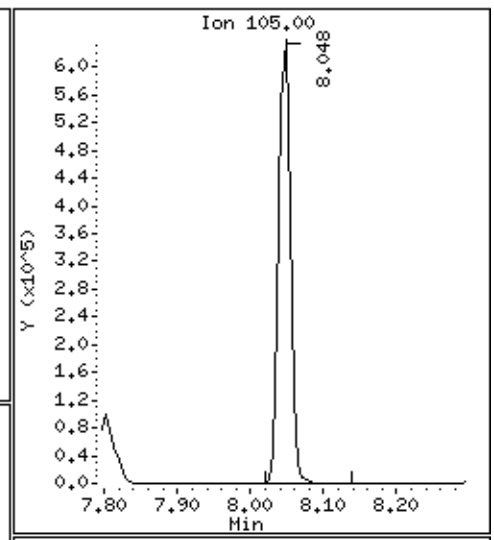
Review Code:

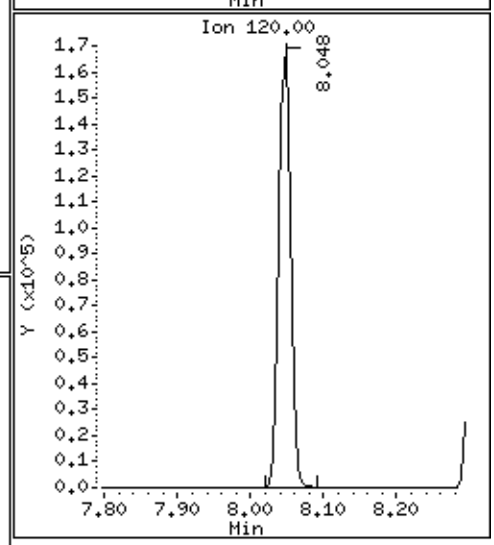












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

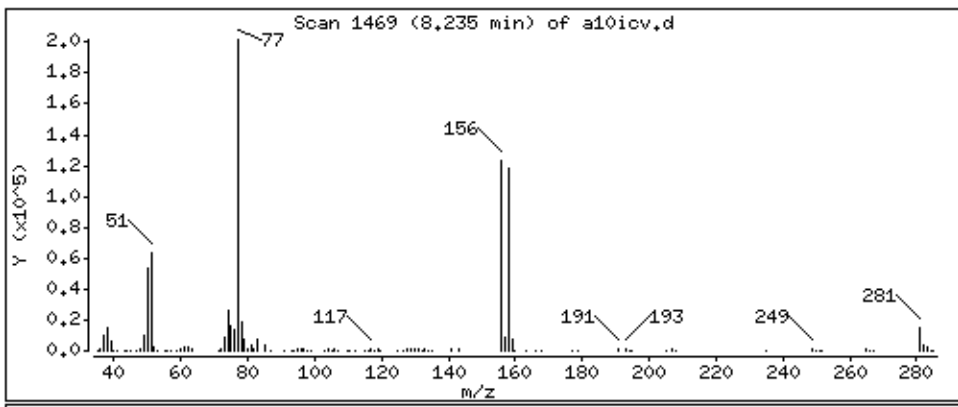
Column phase: DB-624

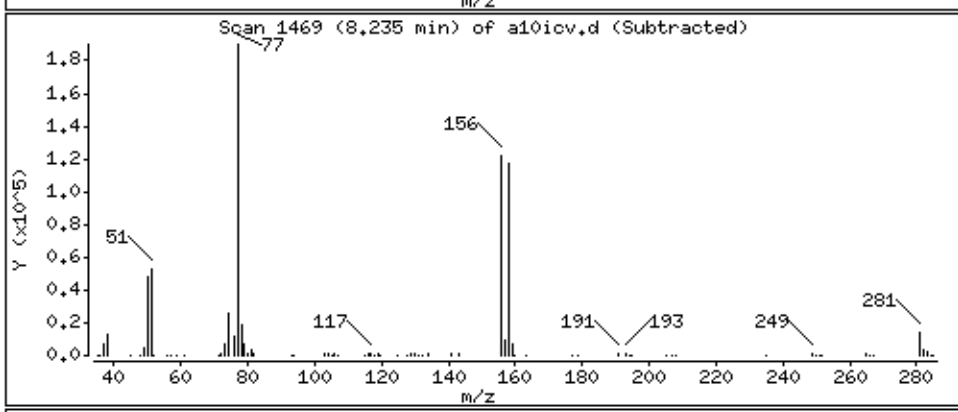
Column diameter: 0.18

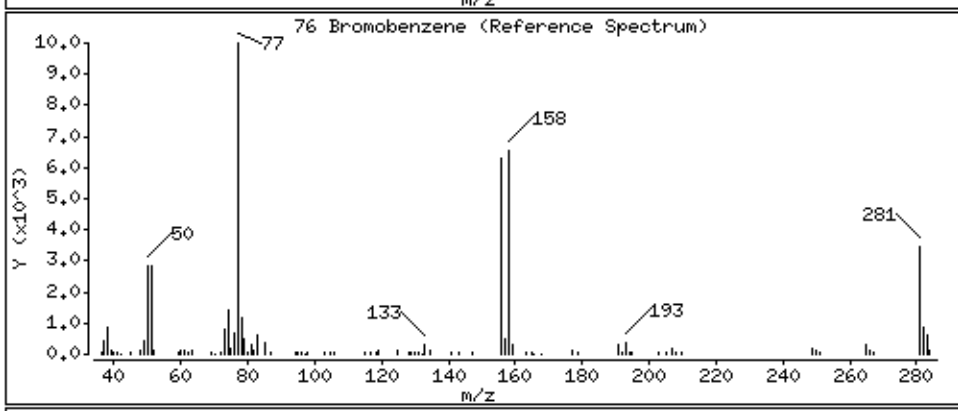
76 Bromobenzene

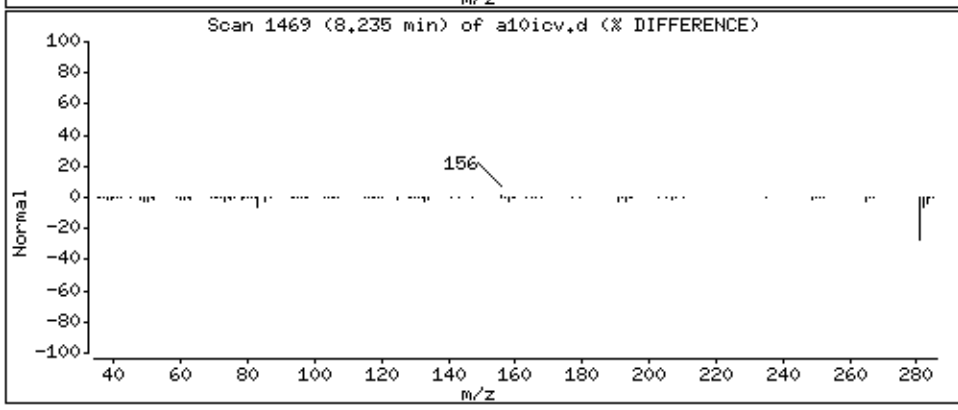
Concentration: 48.0 ppb

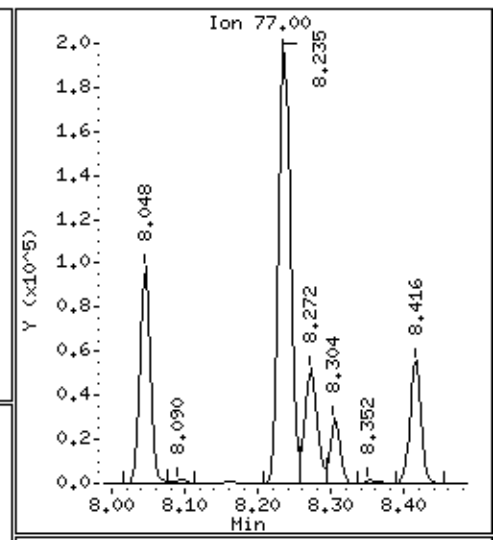
Review Code:

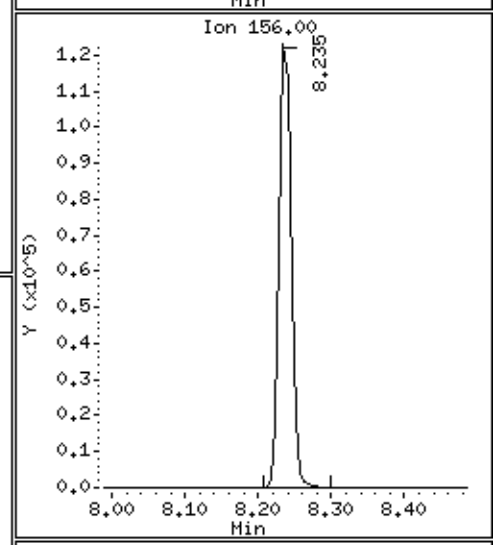


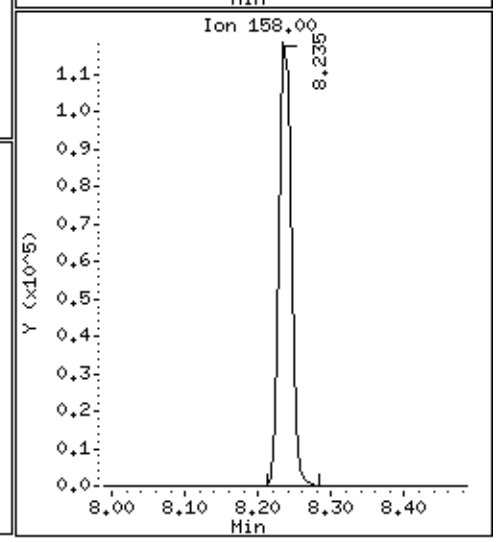












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

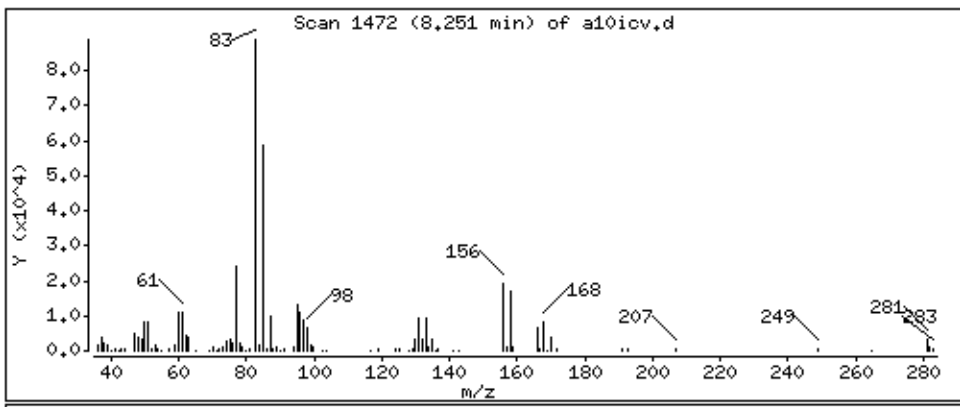
Column phase: DB-624

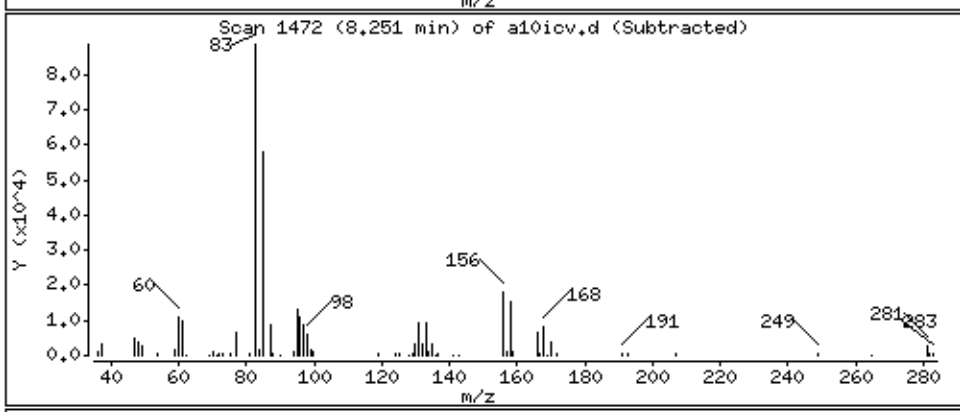
Column diameter: 0.18

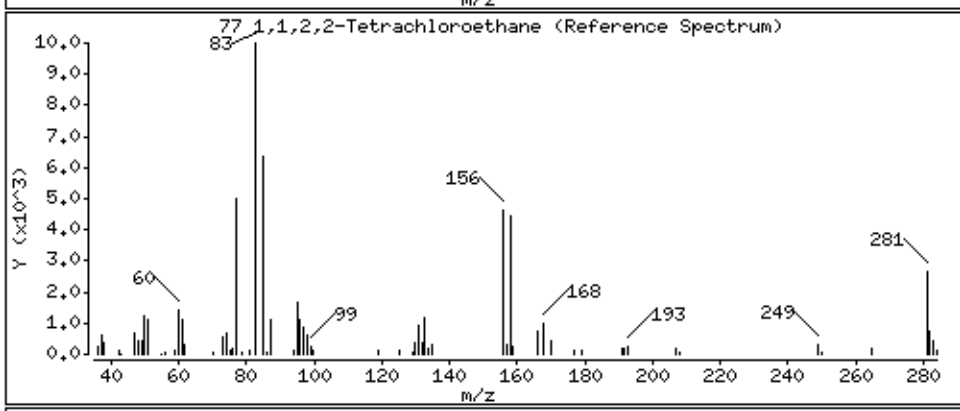
77 1,1,2,2-Tetrachloroethane

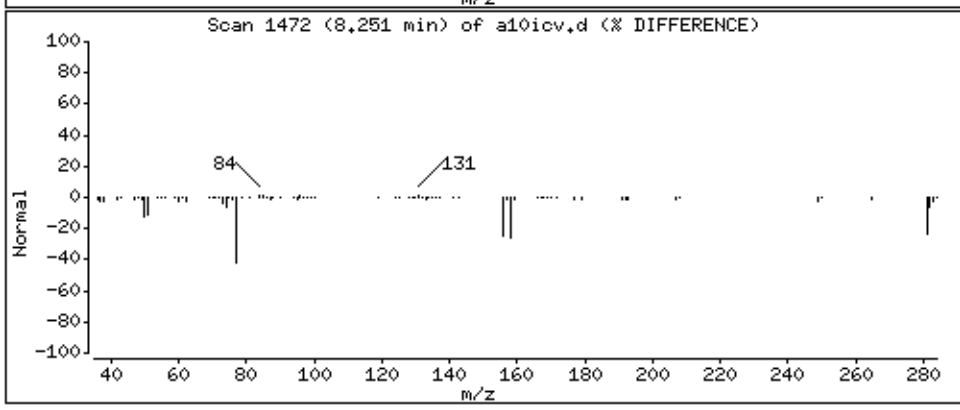
Concentration: 47.8 ppb

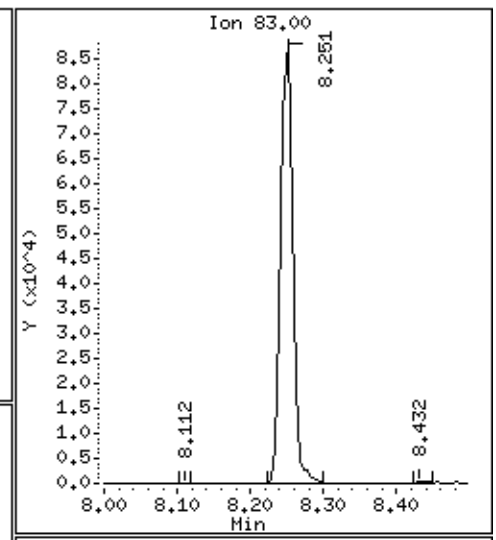
Review Code:

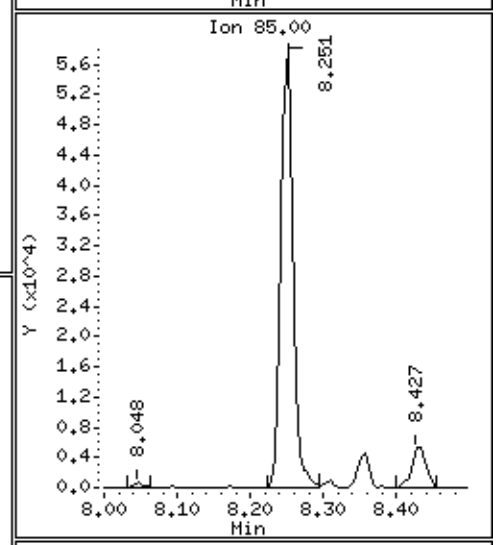


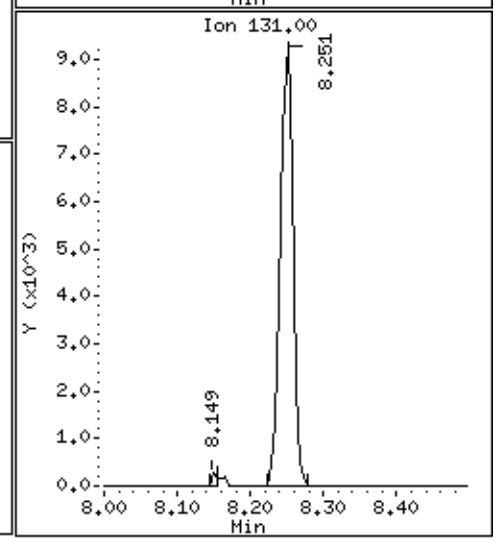












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

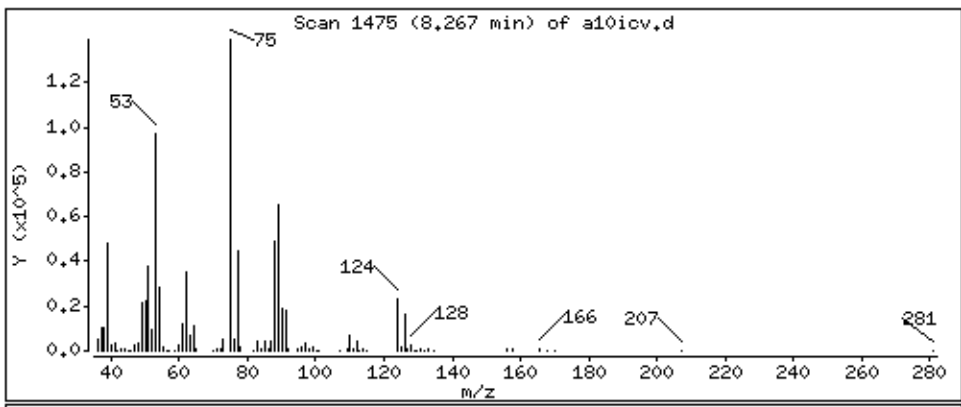
Column phase: DB-624

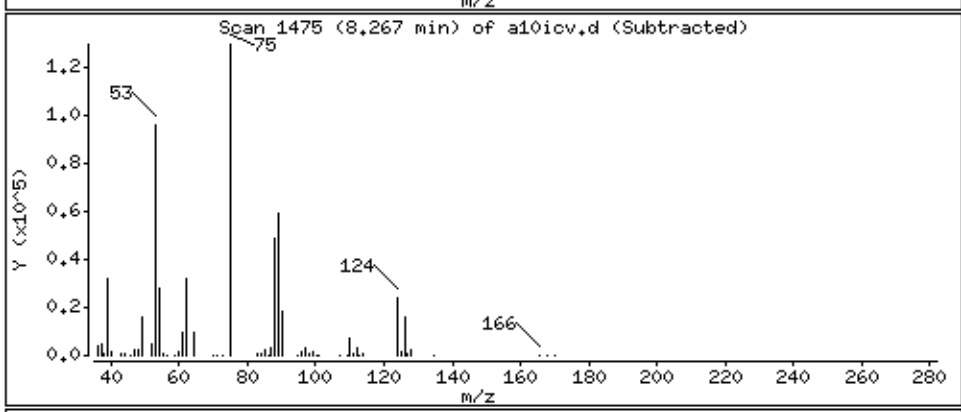
Column diameter: 0.18

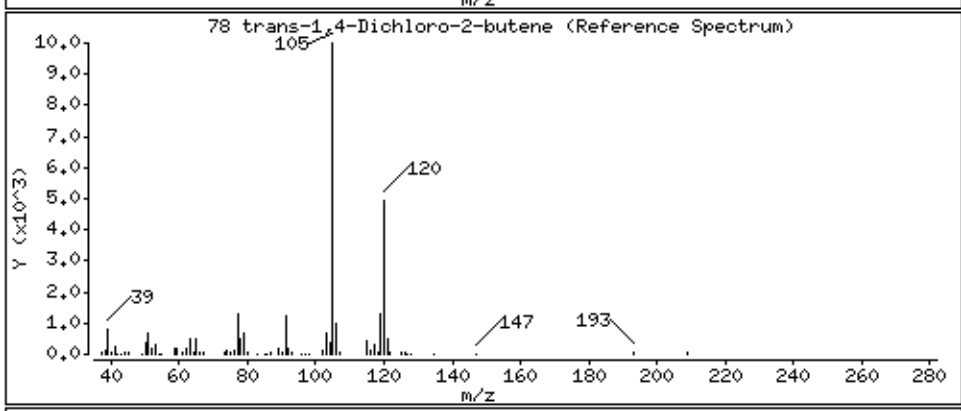
78 trans-1,4-Dichloro-2-butene

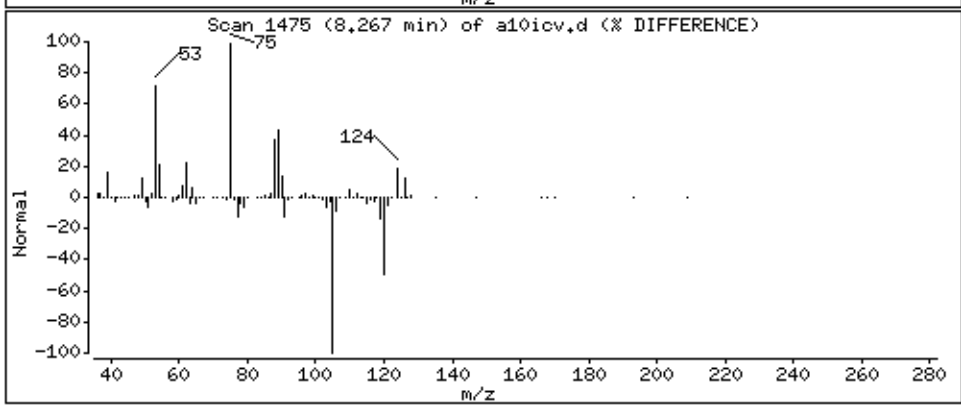
Concentration: 196 ppb

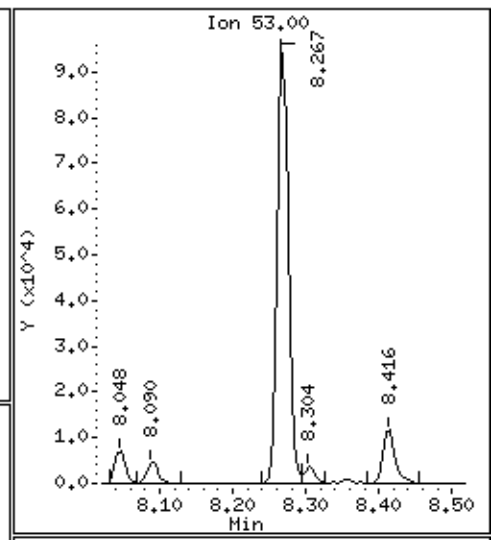
Review Code:

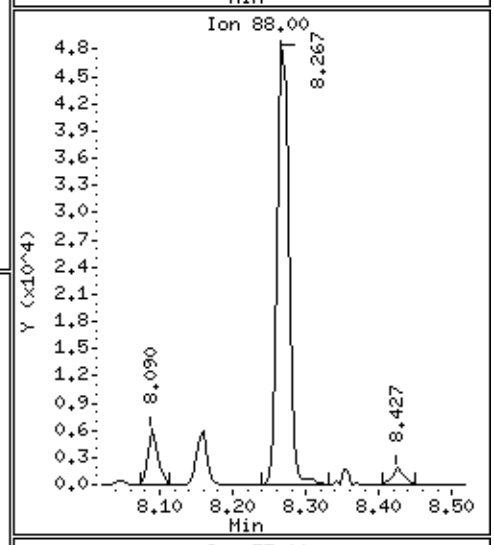


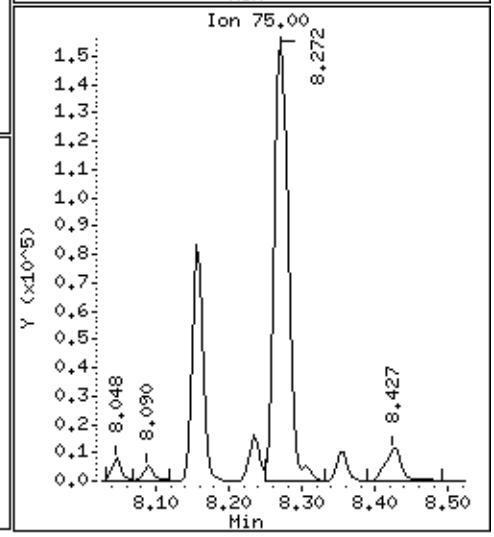












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

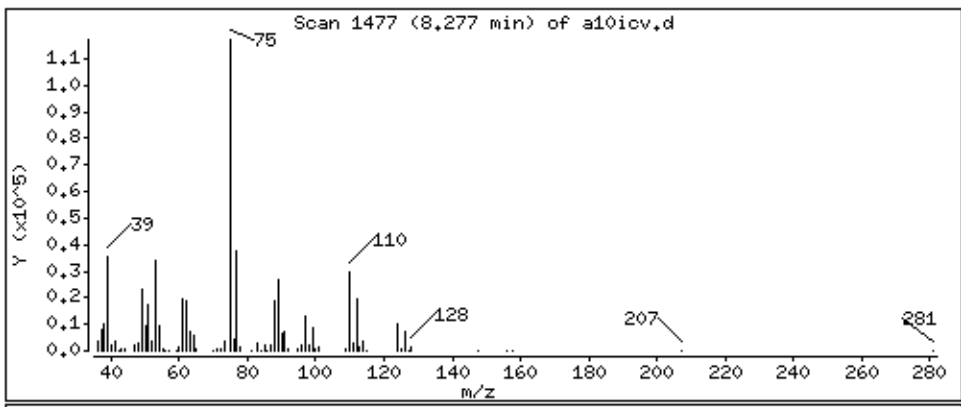
Column phase: DB-624

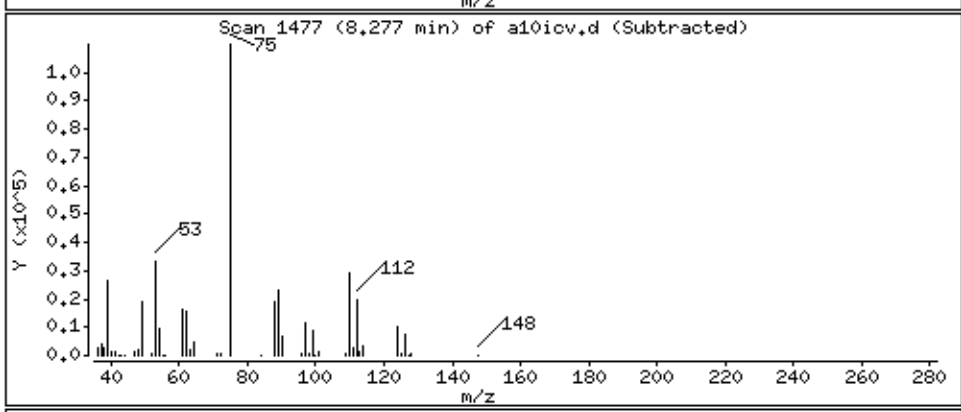
Column diameter: 0.18

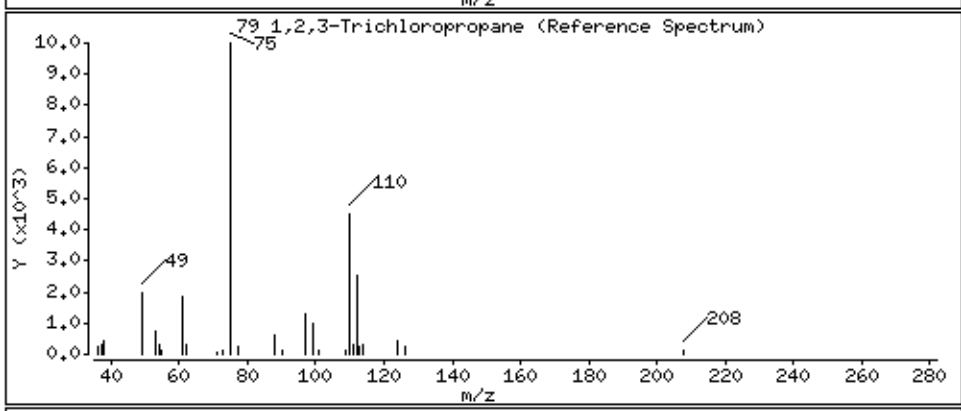
79 1,2,3-Trichloropropane

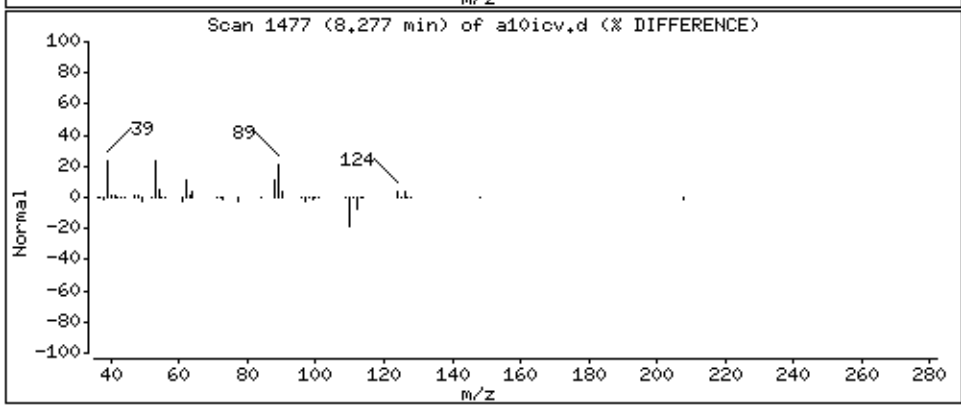
Concentration: 51.2 ppb

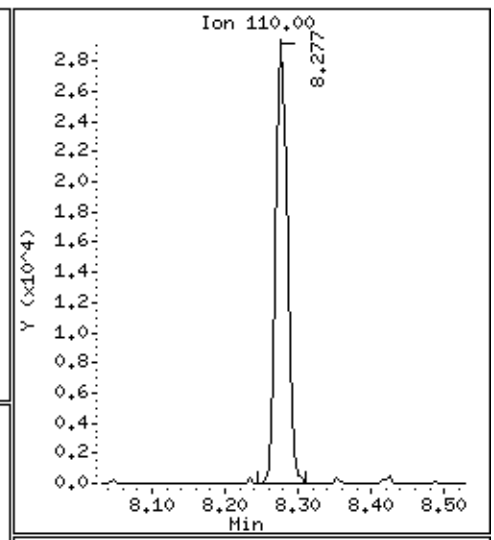
Review Code:

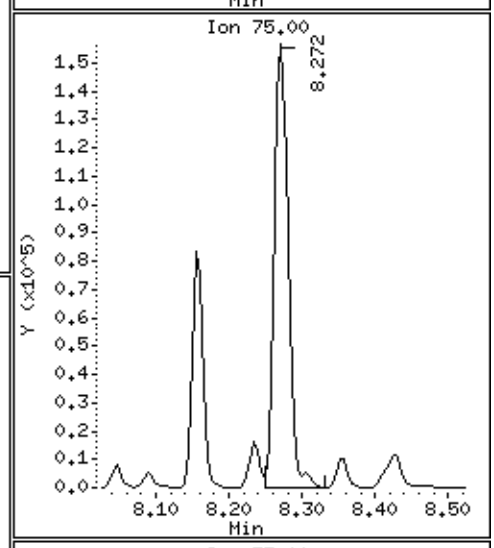


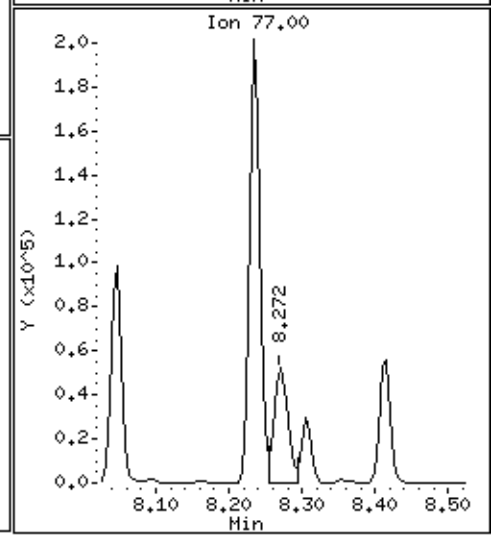












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

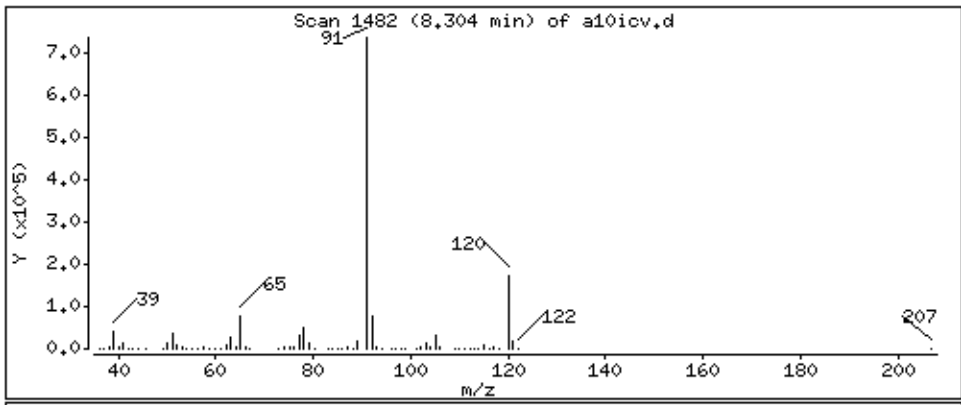
Column phase: DB-624

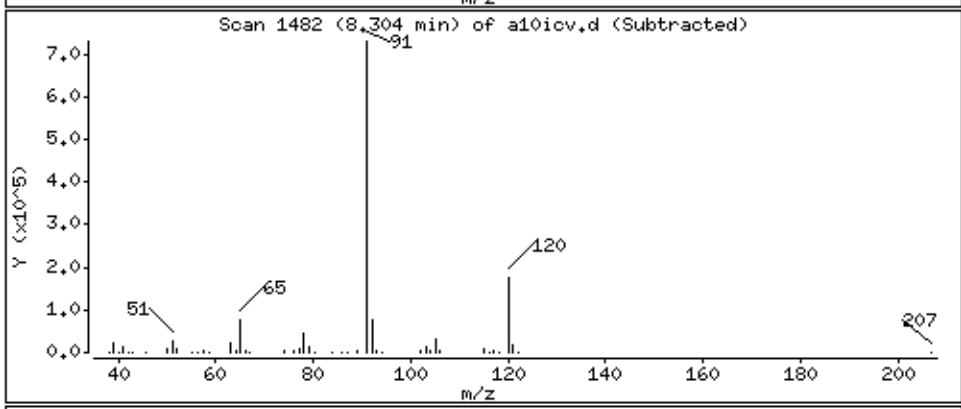
Column diameter: 0.18

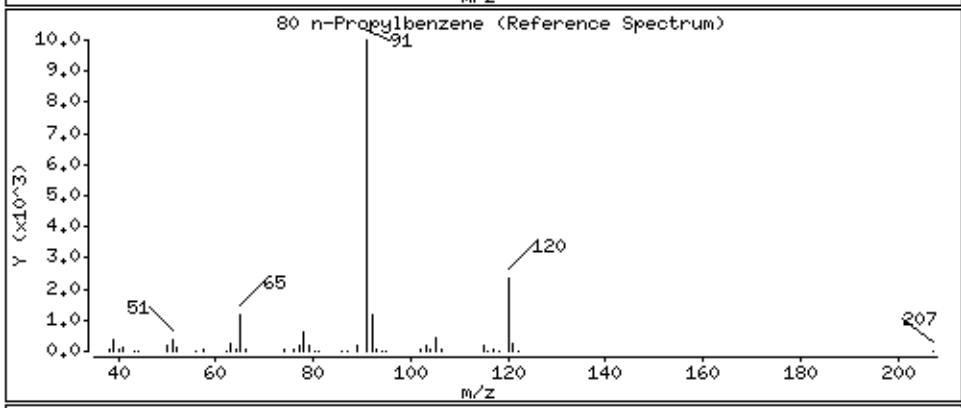
80 n-Propylbenzene

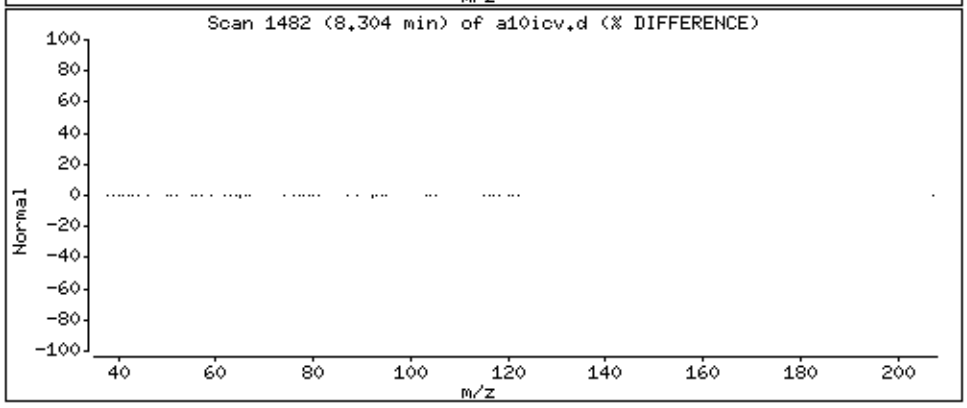
Concentration: 47.7 ppb

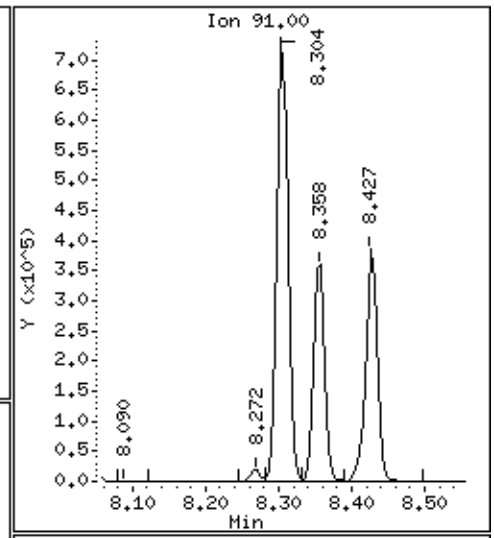
Review Code:

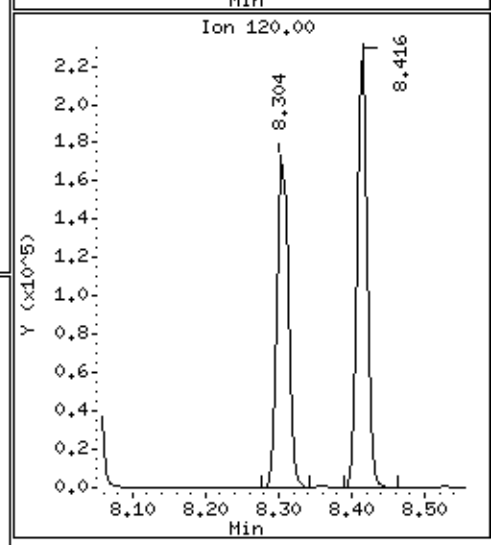












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

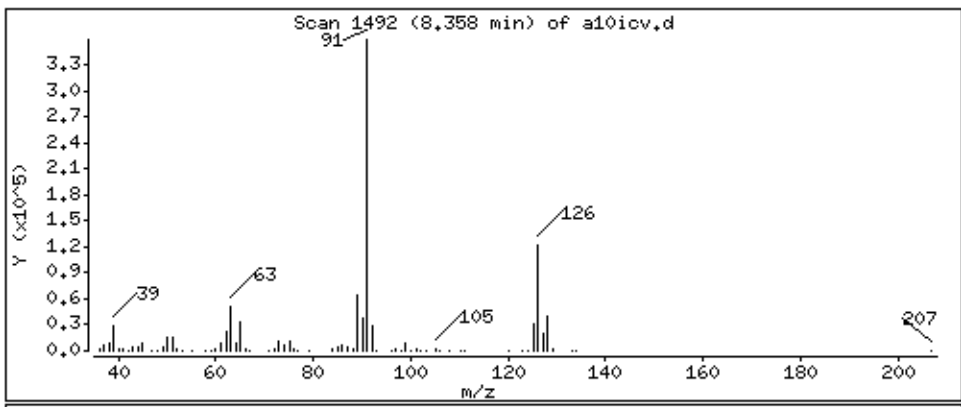
Column phase: DB-624

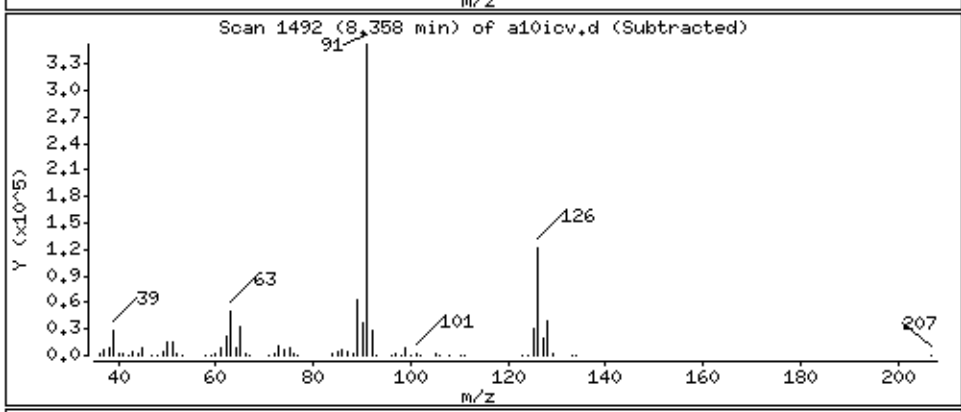
Column diameter: 0.18

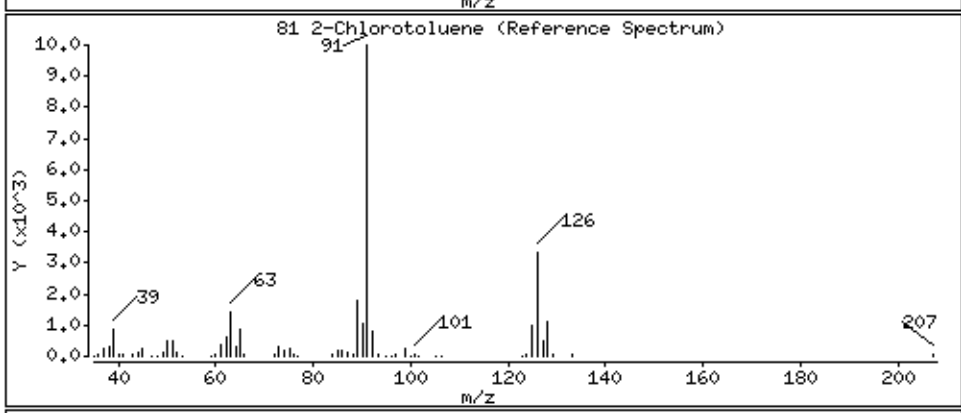
81 2-Chlorotoluene

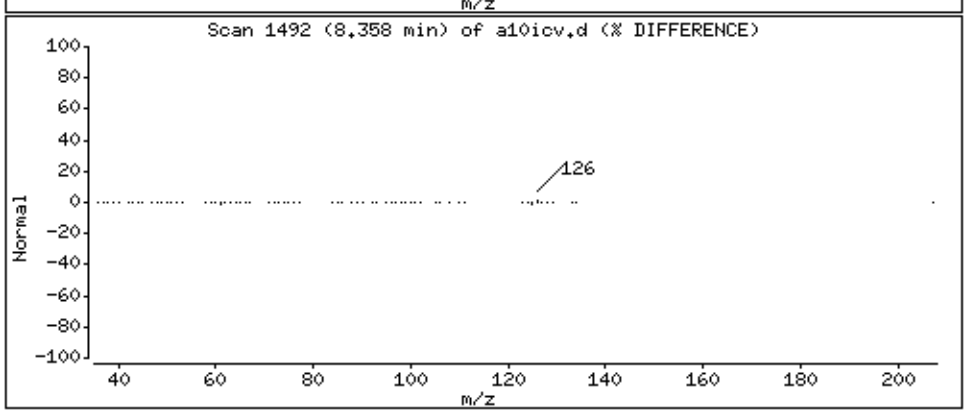
Concentration: 46.5 ppb

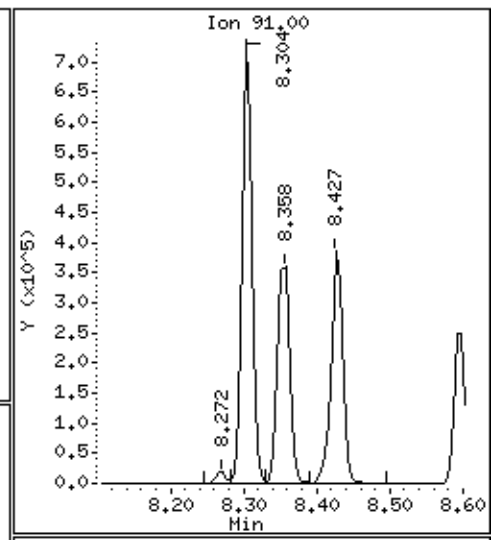
Review Code:

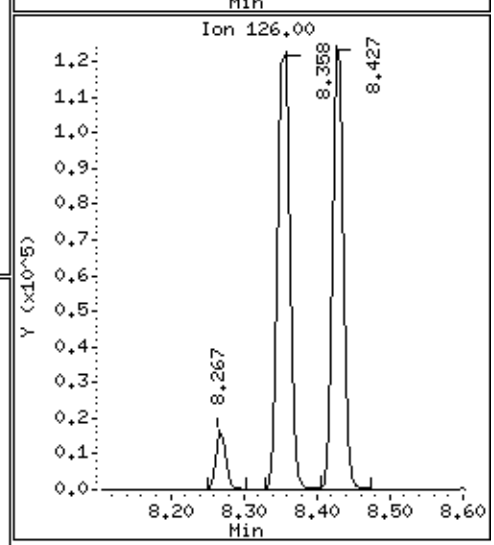












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

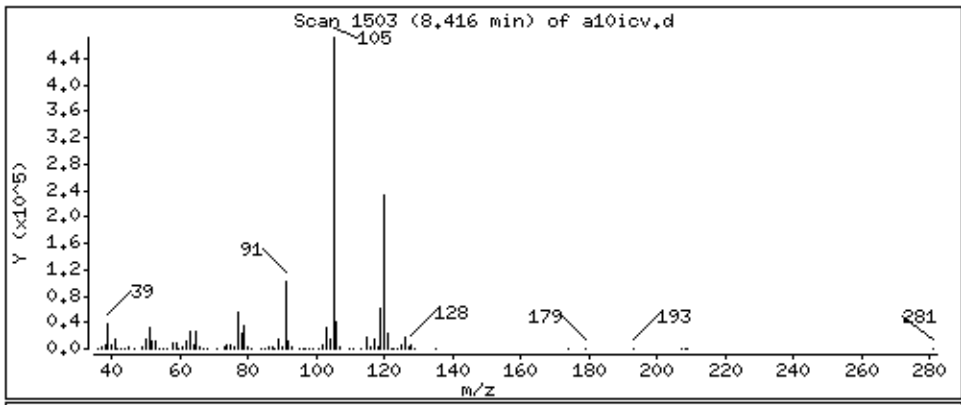
Column phase: DB-624

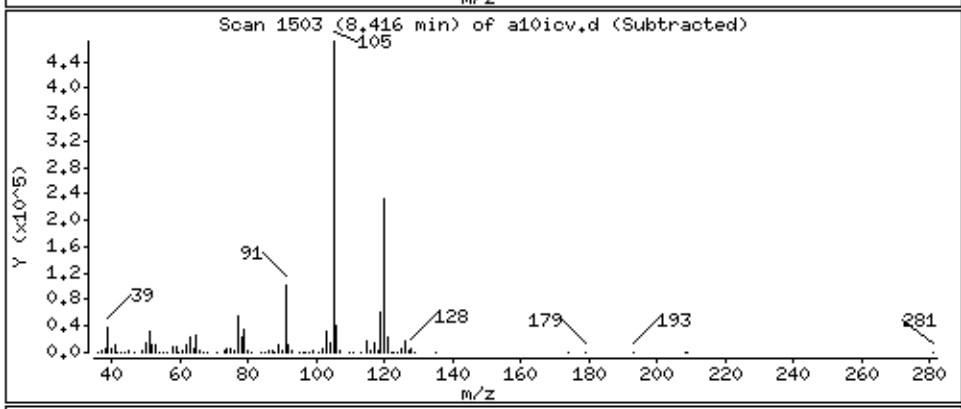
Column diameter: 0.18

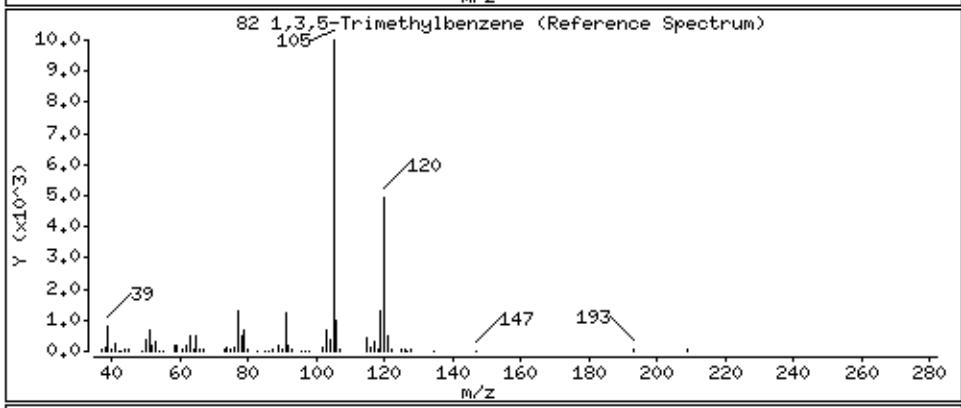
82 1,3,5-Trimethylbenzene

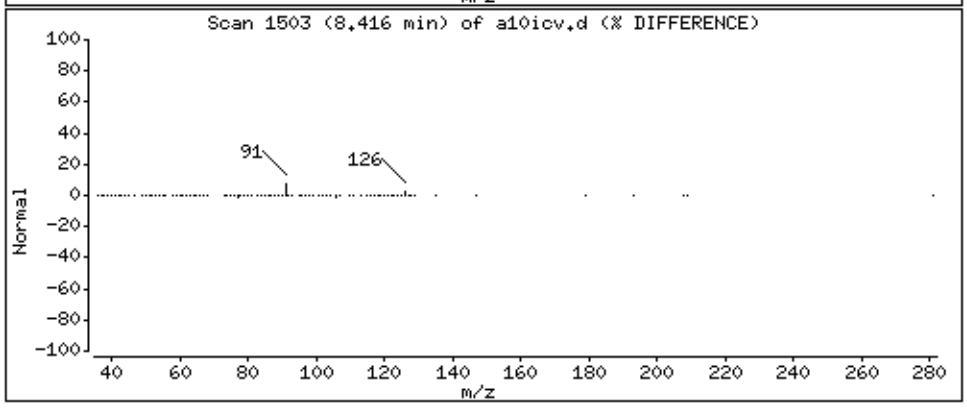
Concentration: 46.3 ppb

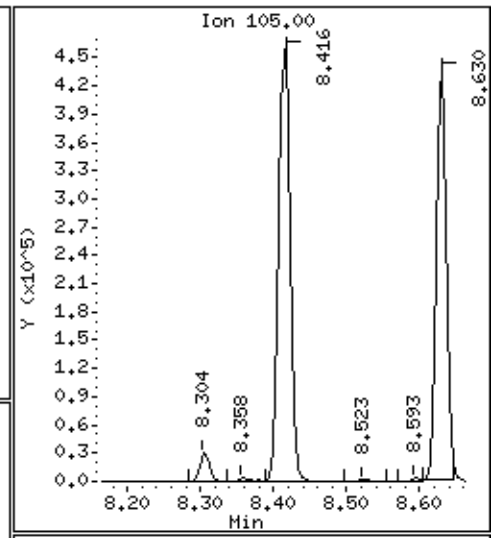
Review Code:

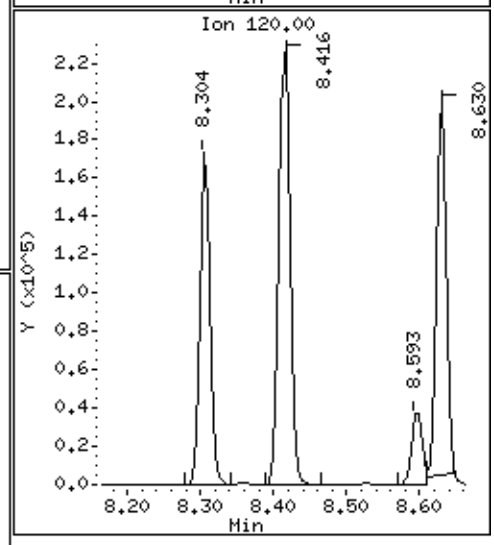












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

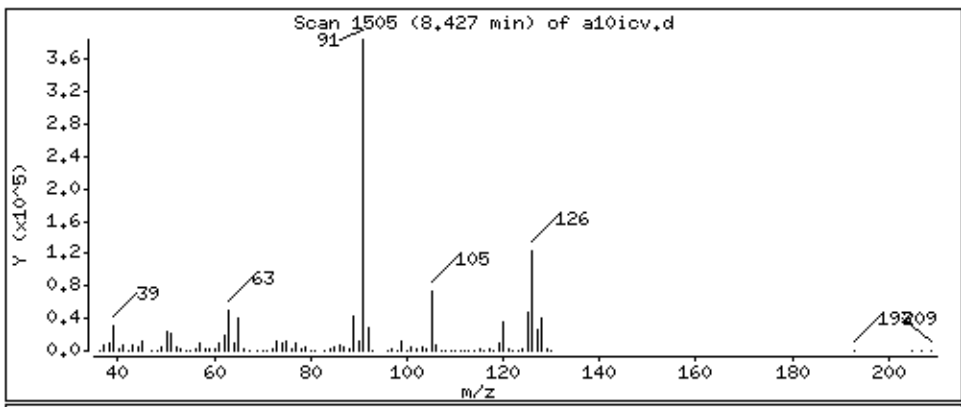
Column phase: DB-624

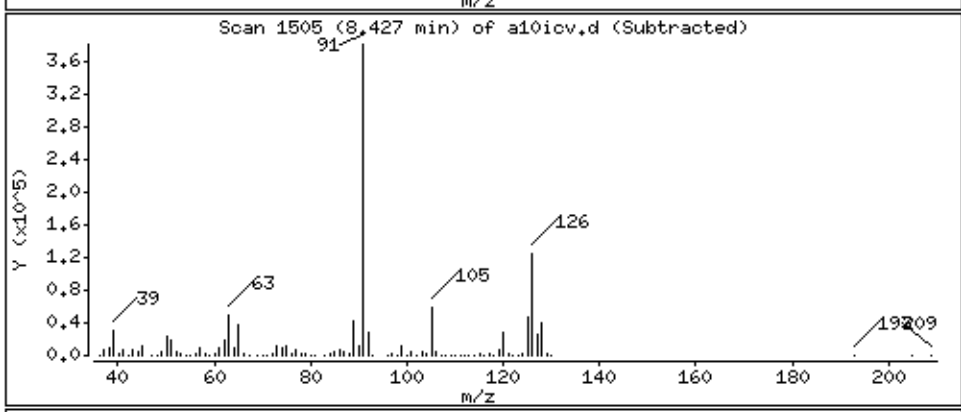
Column diameter: 0.18

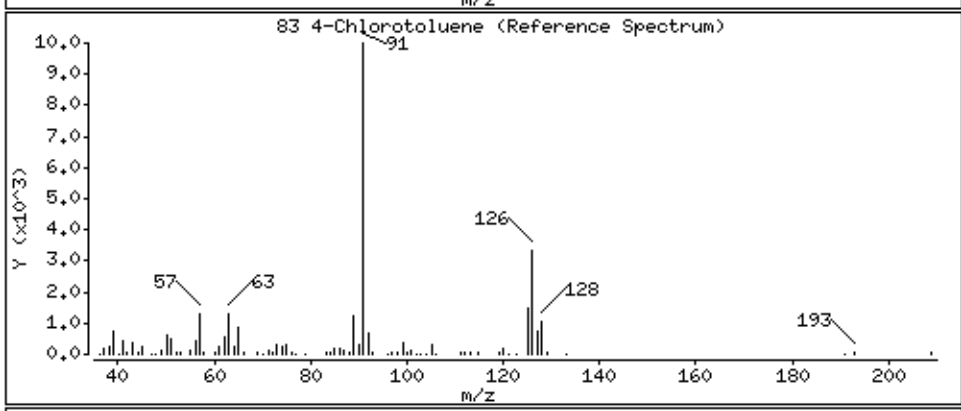
83 4-Chlorotoluene

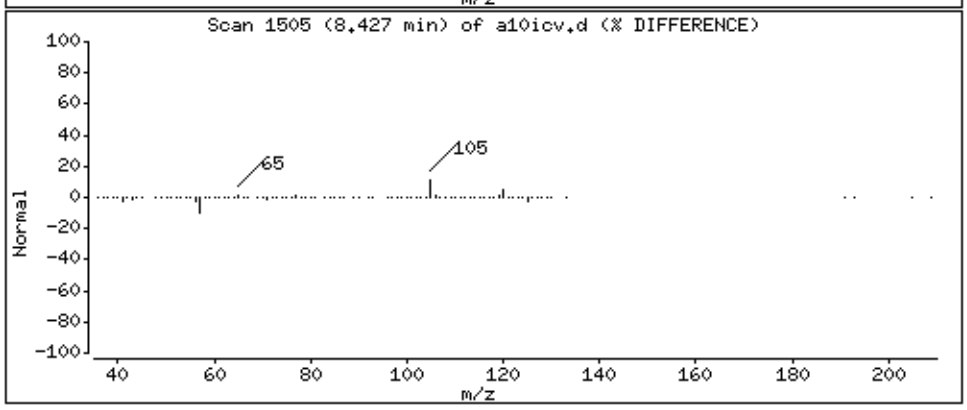
Concentration: 50.2 ppb

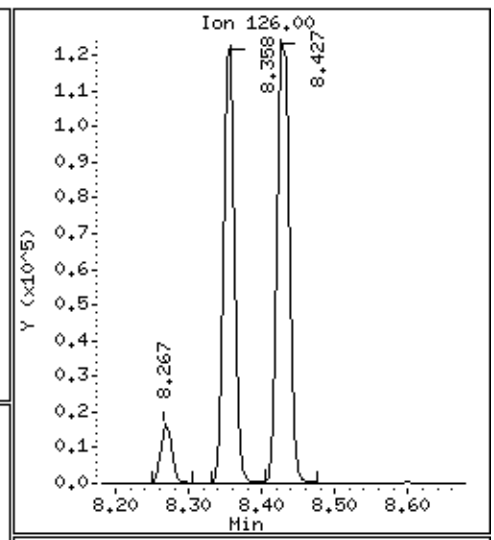
Review Code:

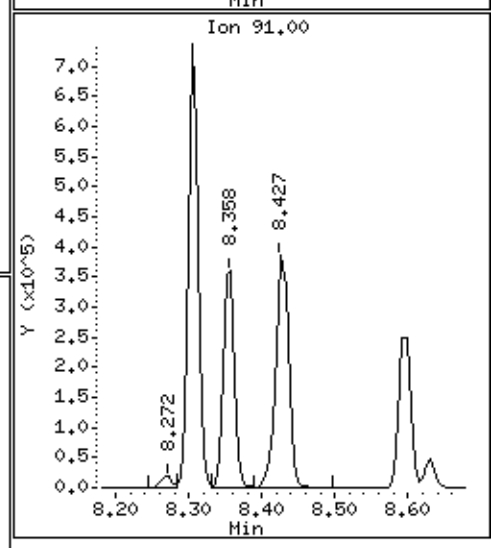












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

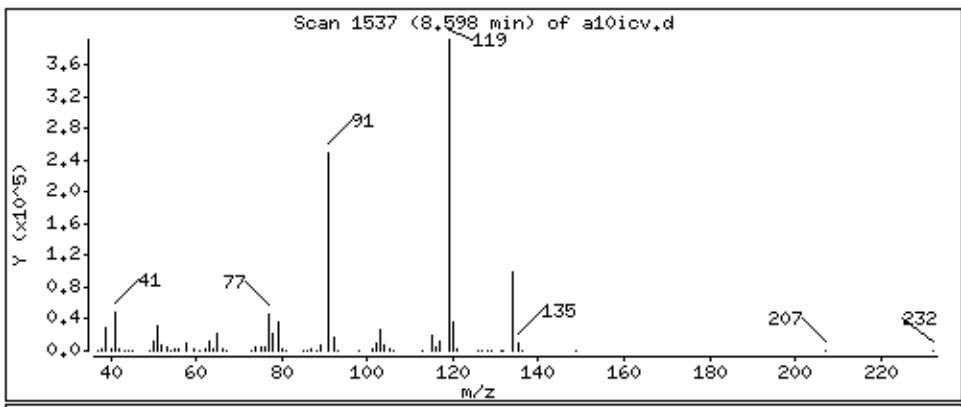
Column phase: DB-624

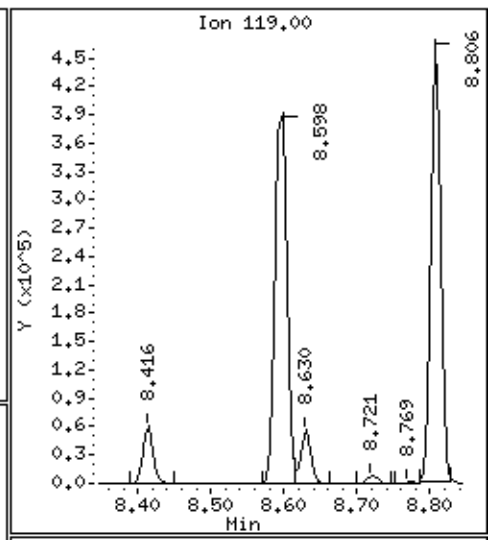
Column diameter: 0.18

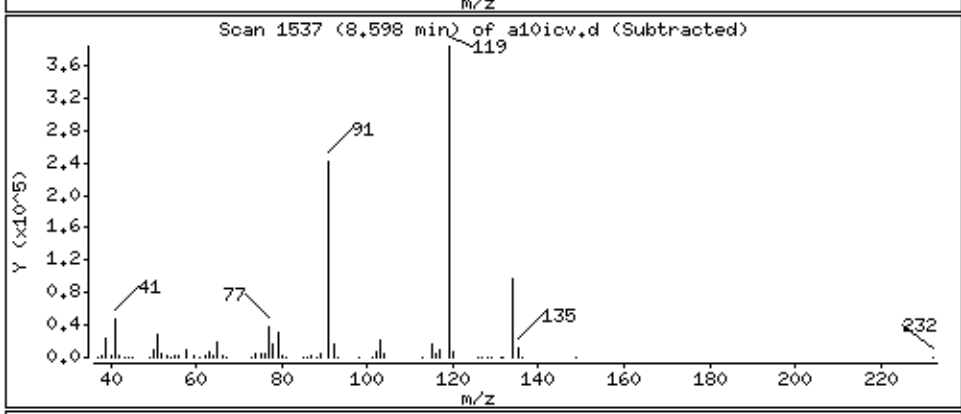
84 tert-Butylbenzene

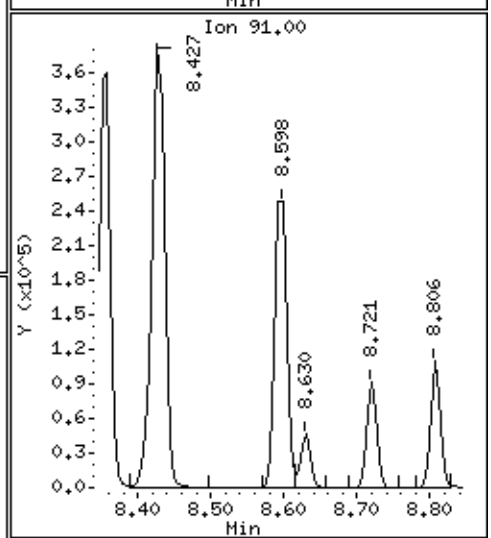
Concentration: 36.0 ppb

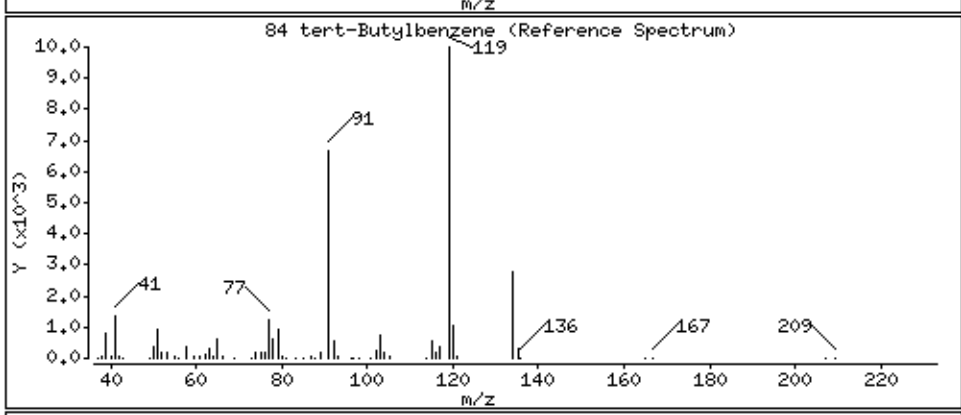
Review Code:

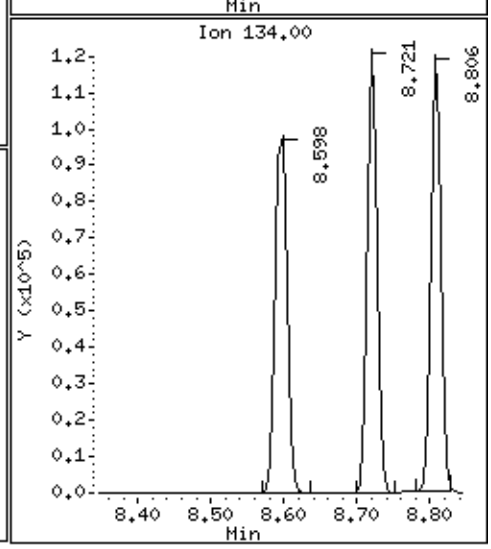


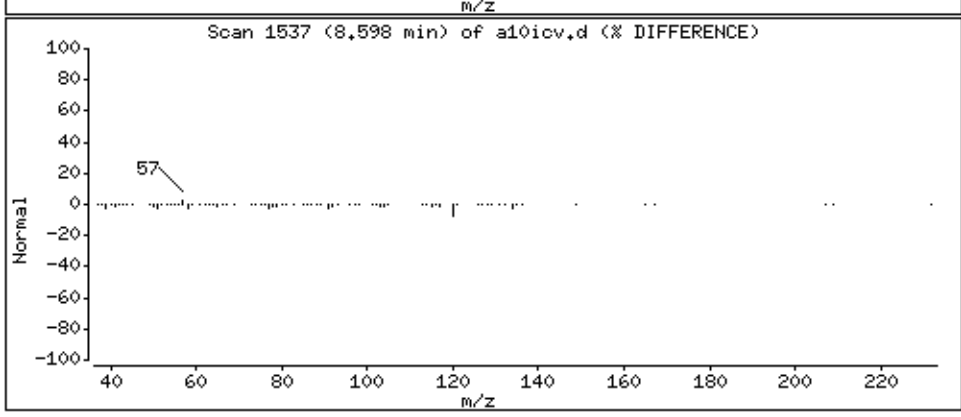












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

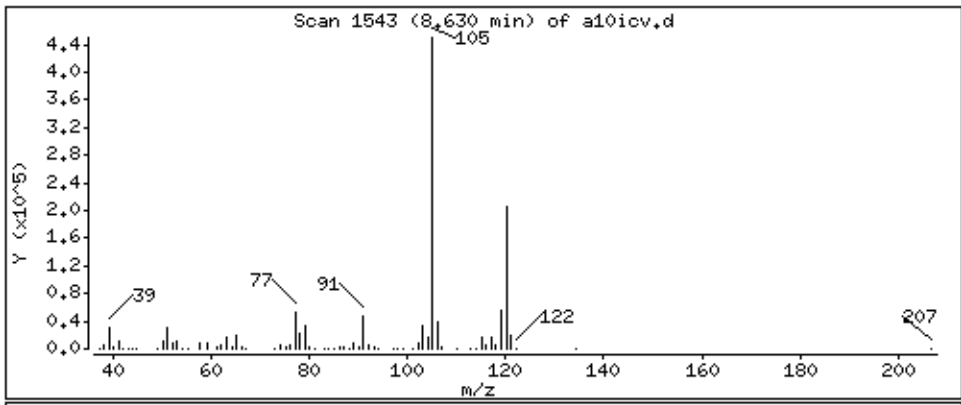
Column phase: DB-624

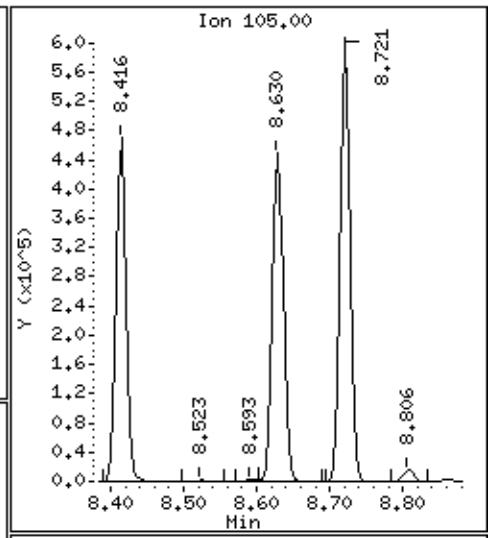
Column diameter: 0.18

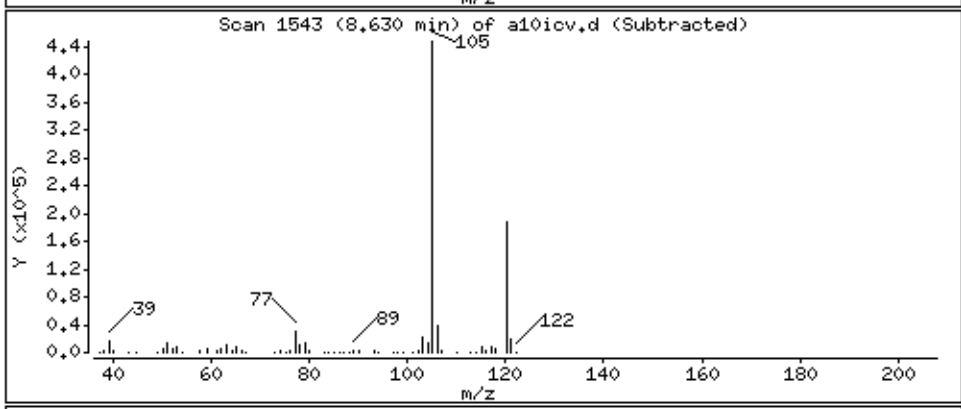
85 1,2,4-Trimethylbenzene

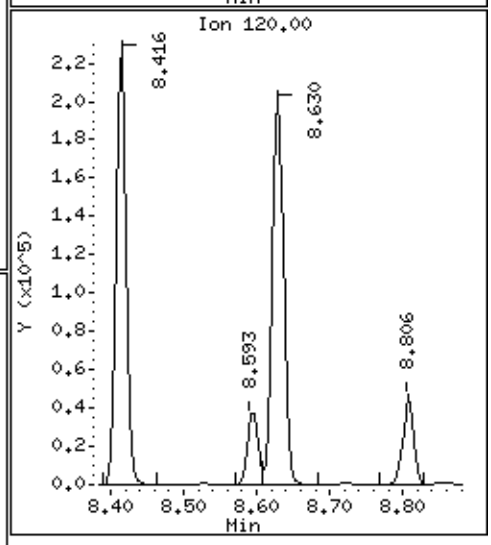
Concentration: 46.2 ppb

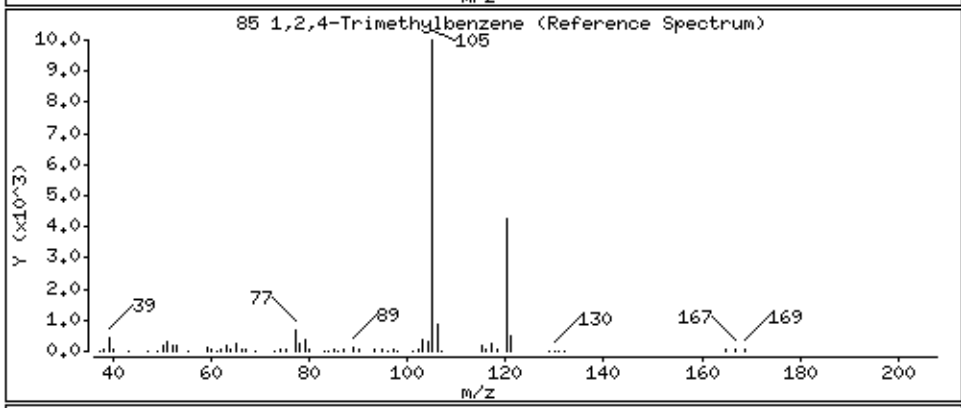
Review Code:

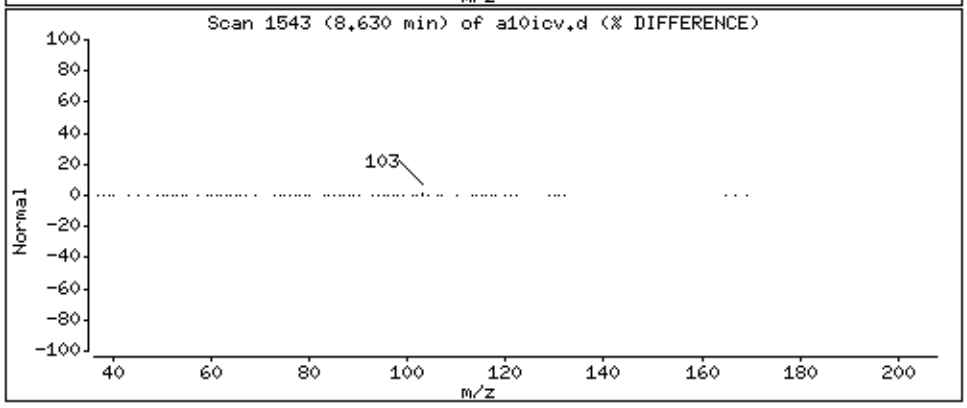












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

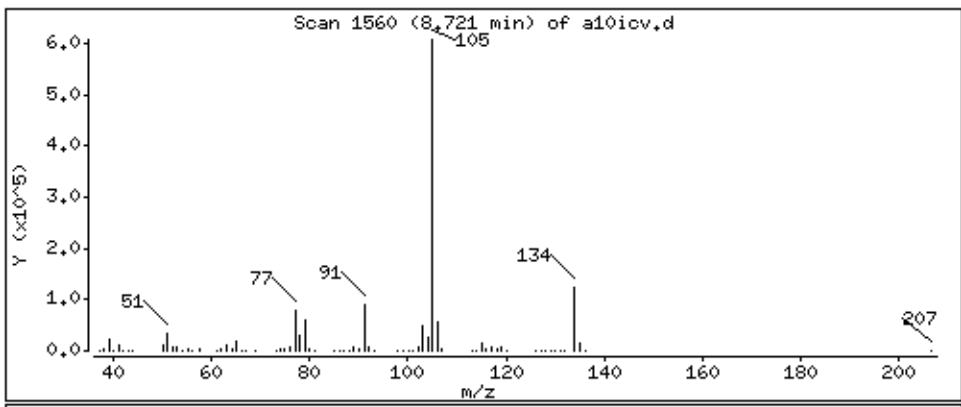
Column phase: DB-624

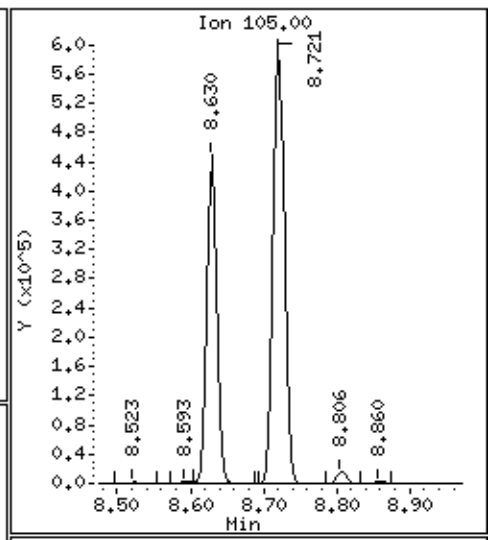
Column diameter: 0.18

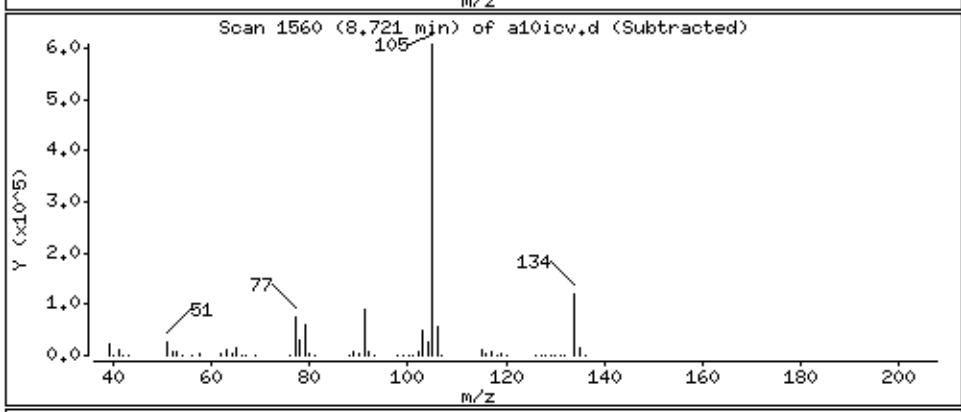
86 sec-Butylbenzene

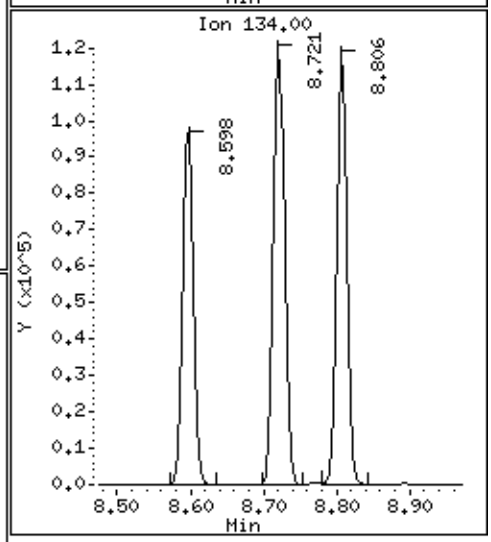
Concentration: 46.7 ppb

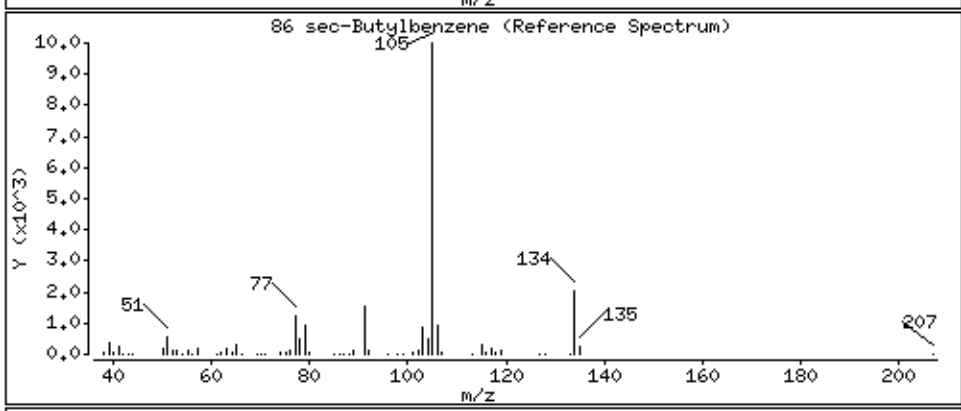
Review Code:

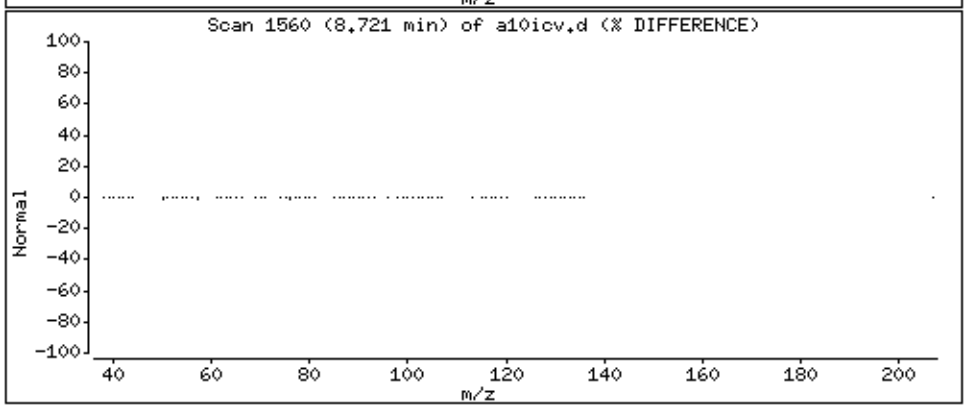












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

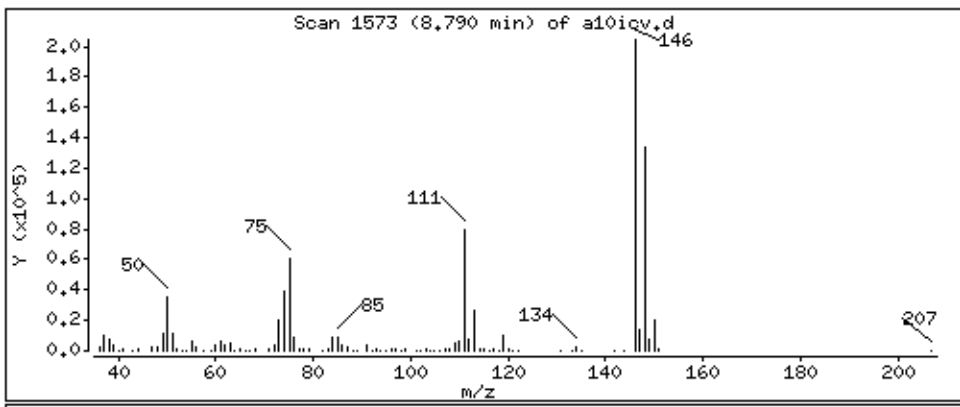
Column phase: DB-624

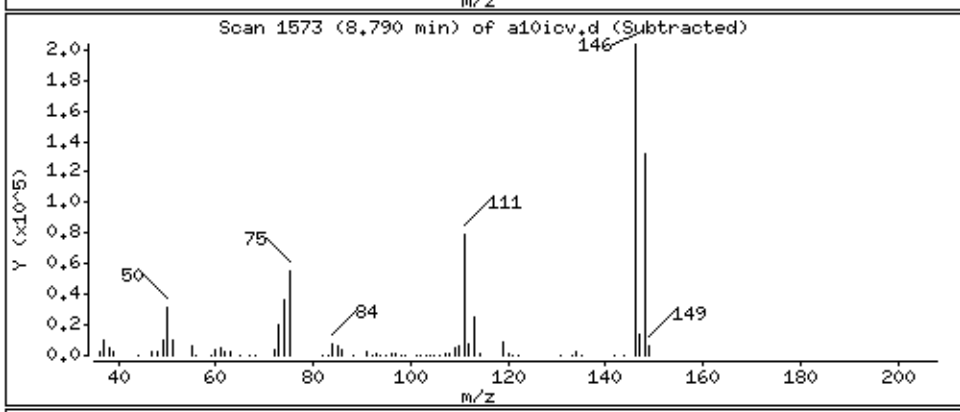
Column diameter: 0.18

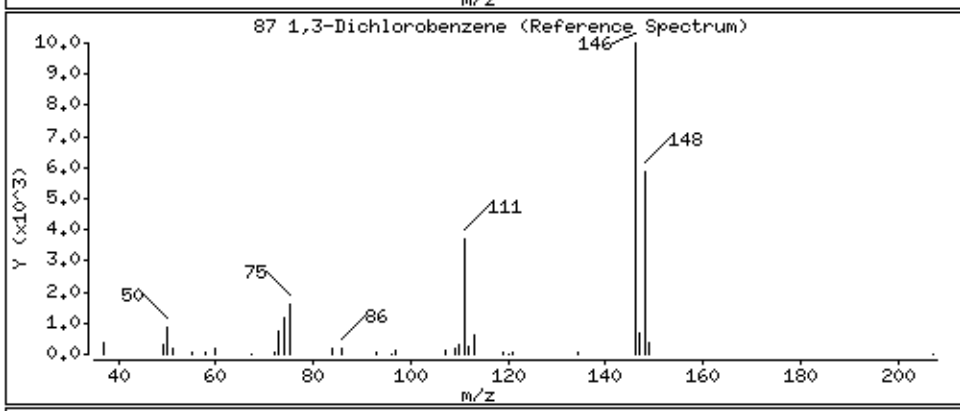
87 1,3-Dichlorobenzene

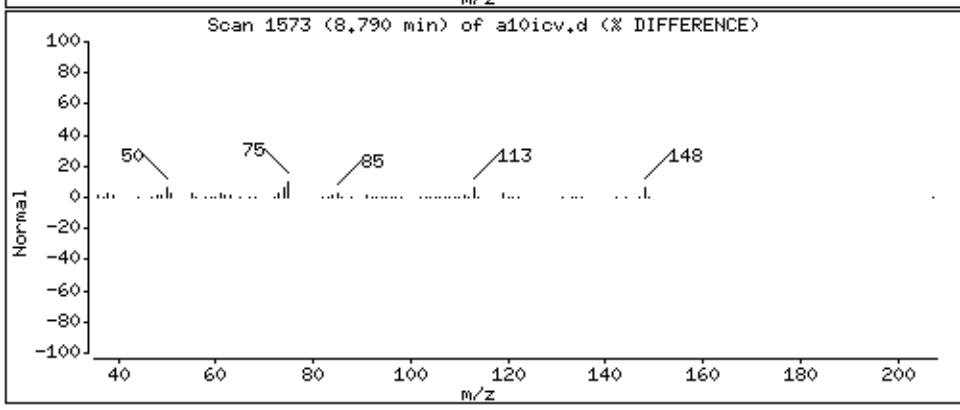
Concentration: 47.1 ppb

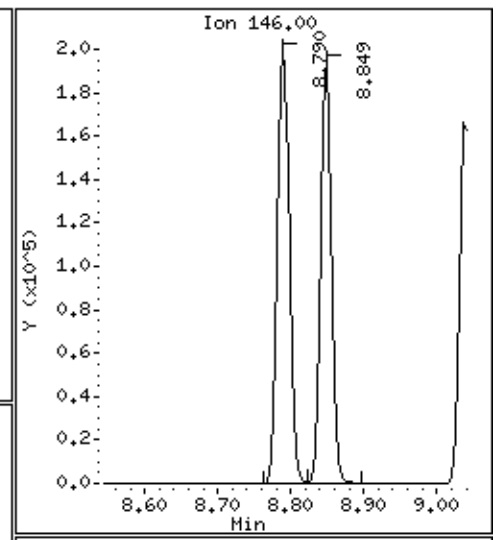
Review Code:

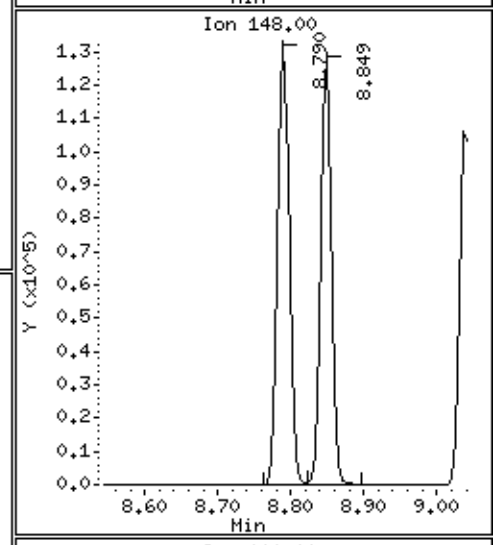


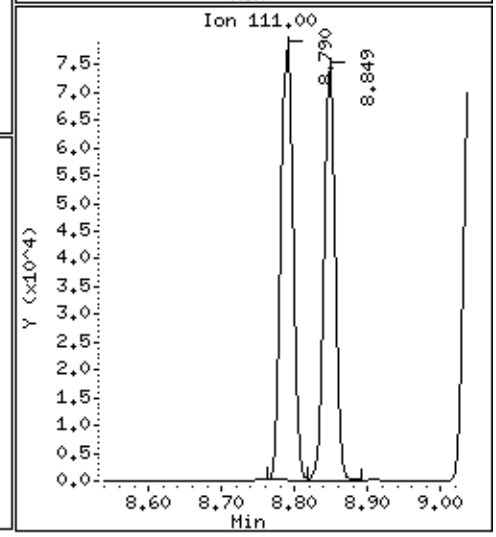












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

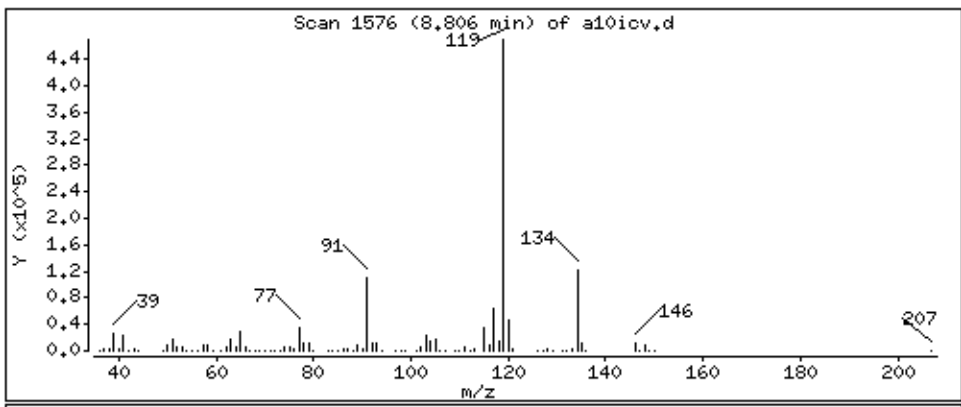
Column phase: DB-624

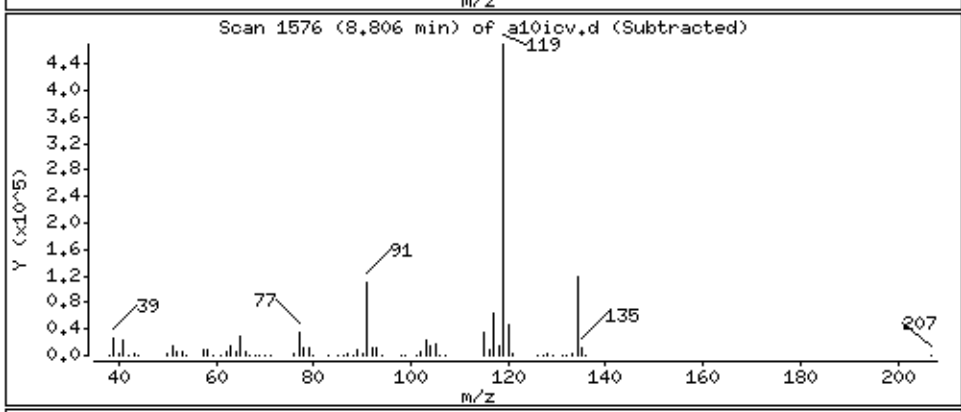
Column diameter: 0.18

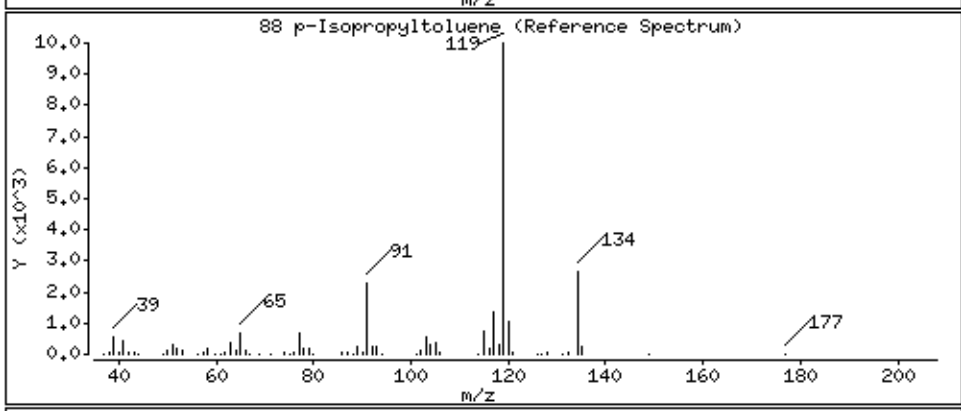
88 p-Isopropyltoluene

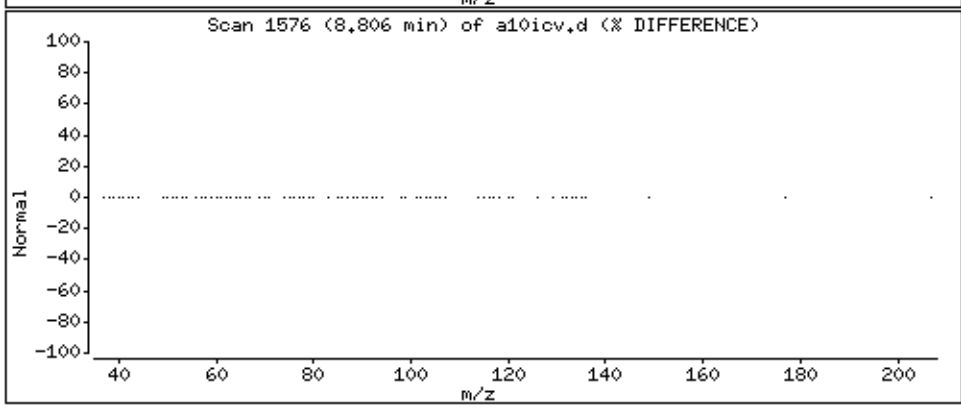
Concentration: 45.5 ppb

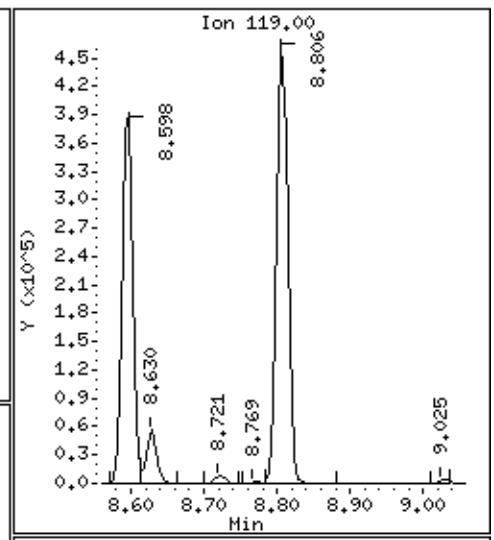
Review Code:

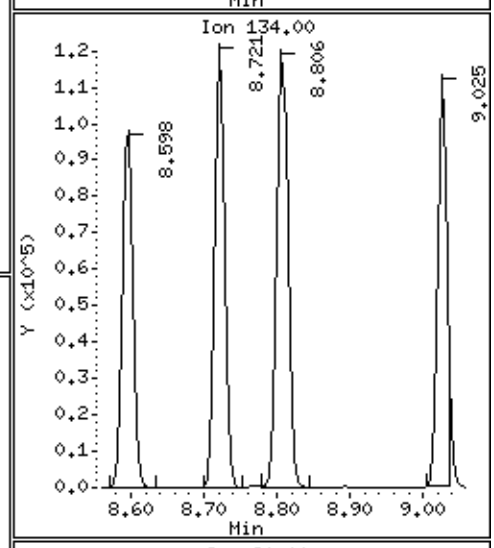


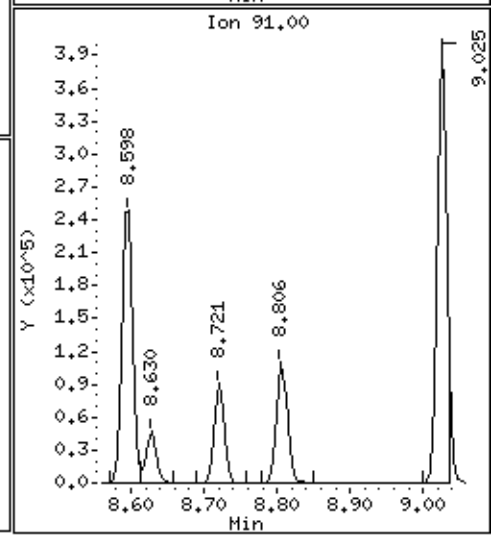












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

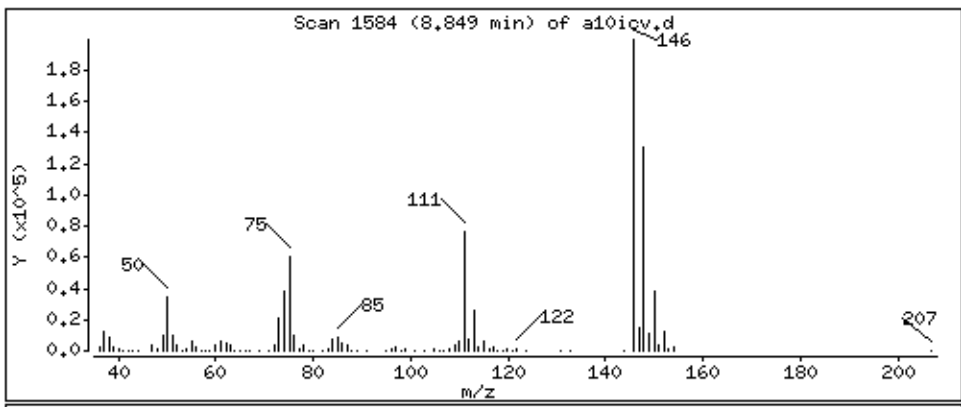
Column phase: DB-624

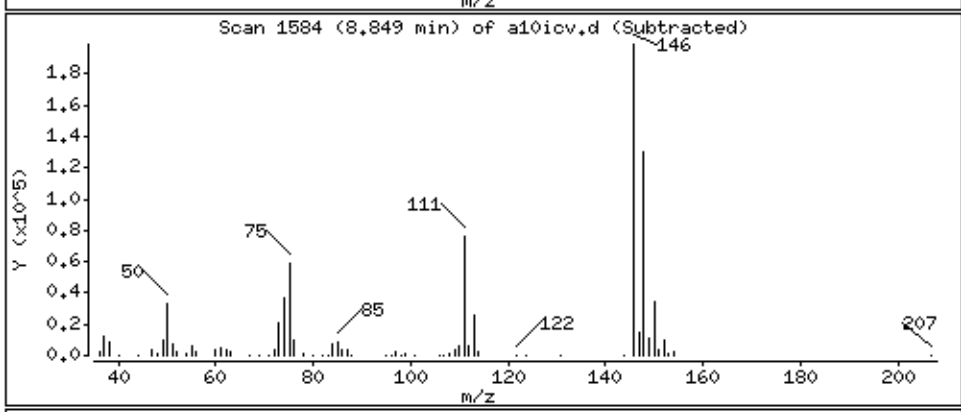
Column diameter: 0.18

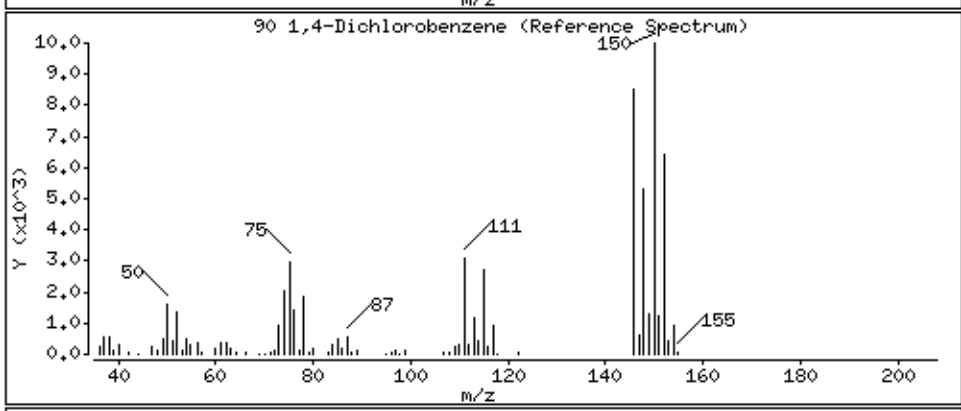
90 1,4-Dichlorobenzene

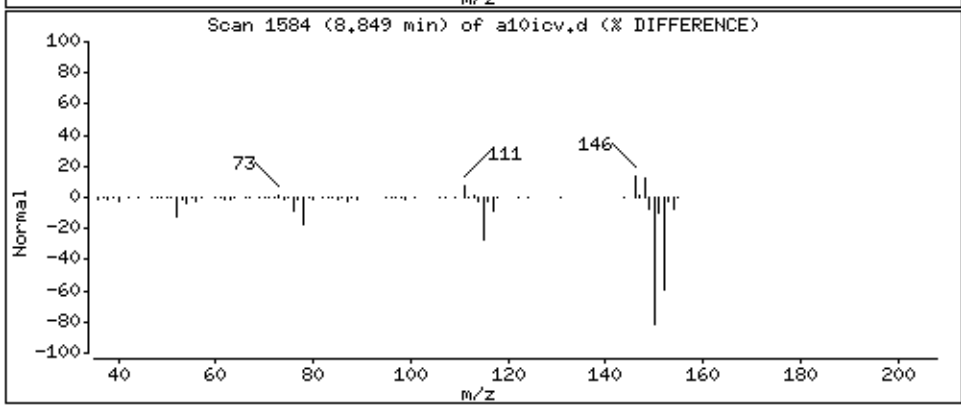
Concentration: 46.8 ppb

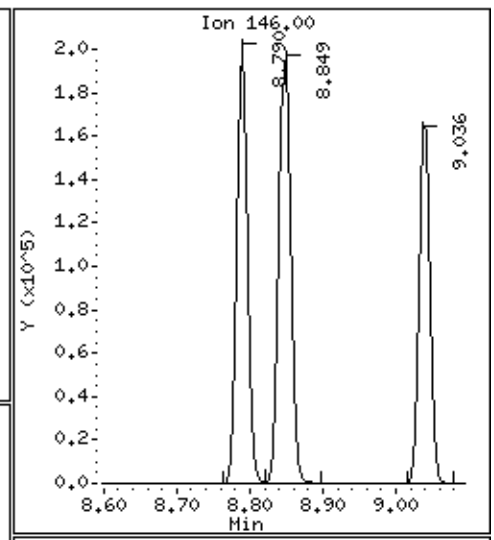
Review Code:

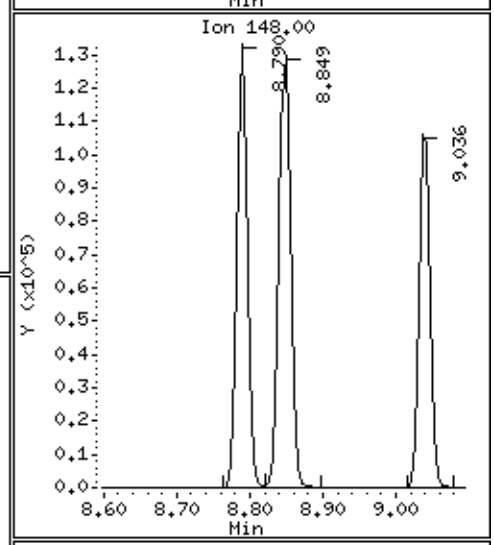


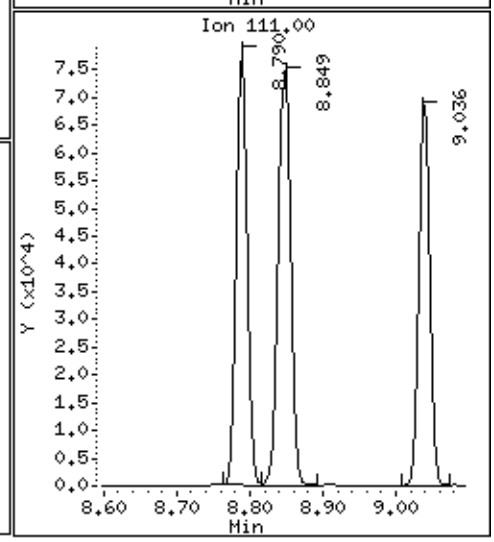












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

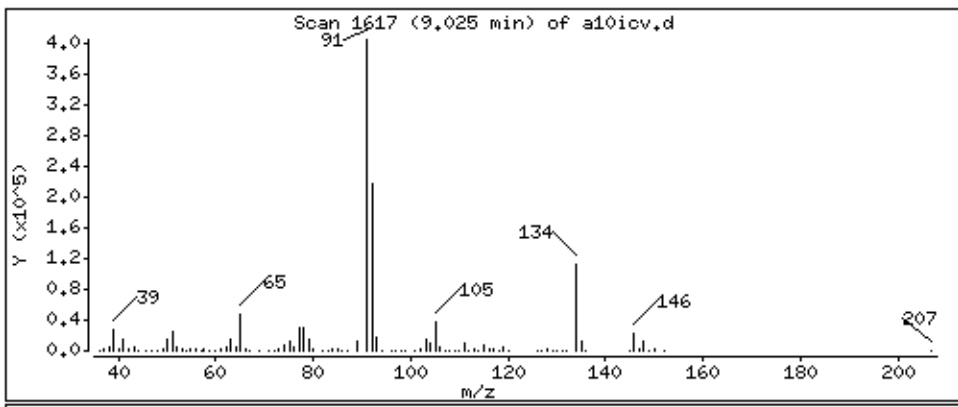
Column phase: DB-624

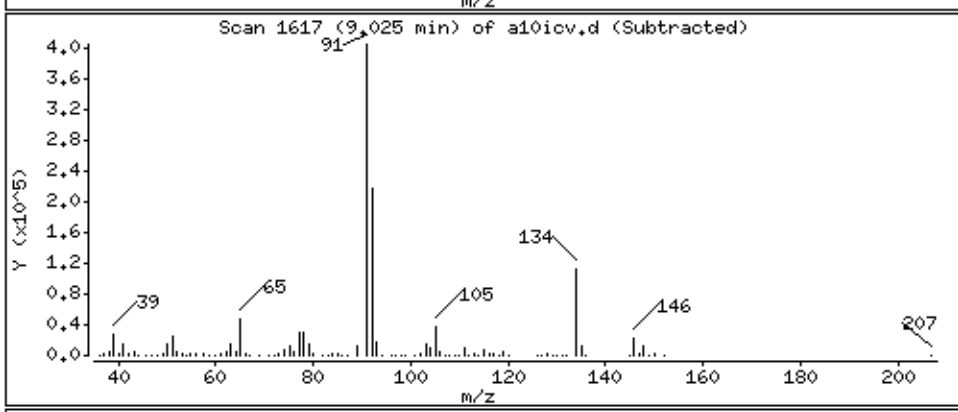
Column diameter: 0.18

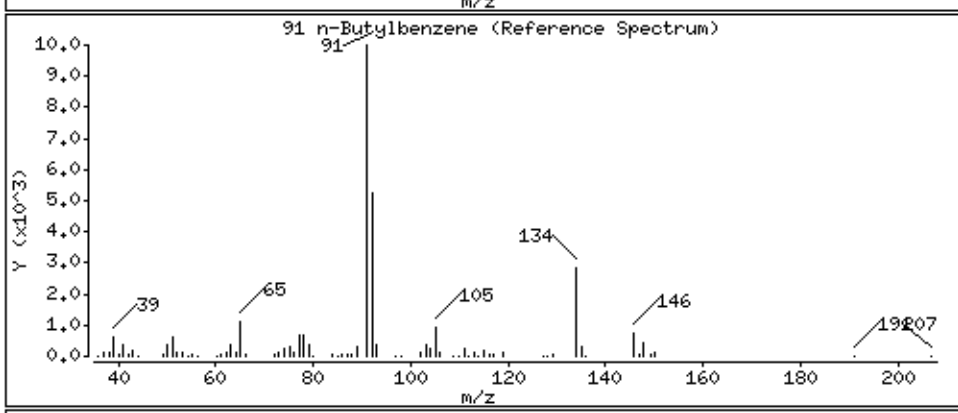
91 n-Butylbenzene

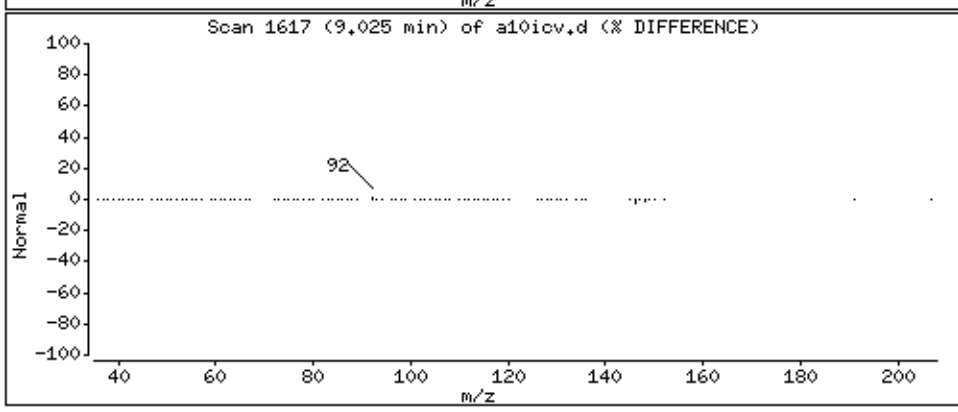
Concentration: 44.3 ppb

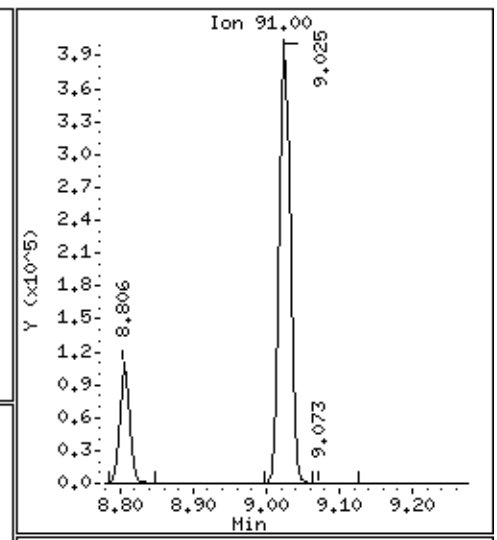
Review Code:

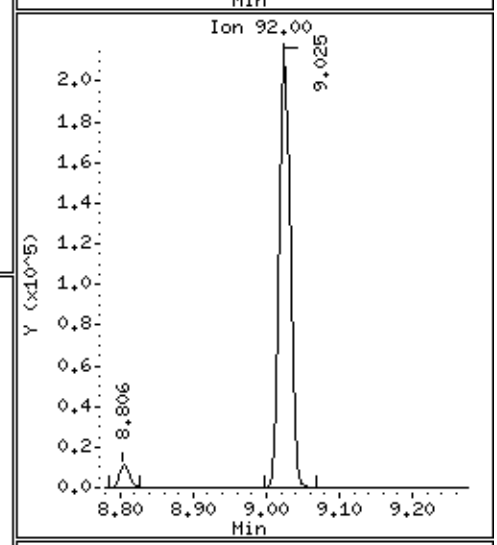


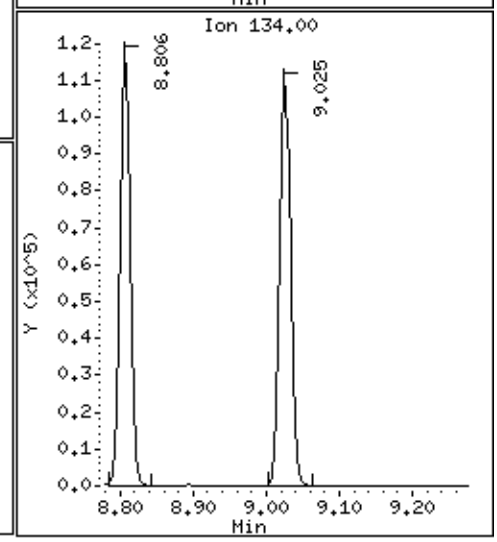












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

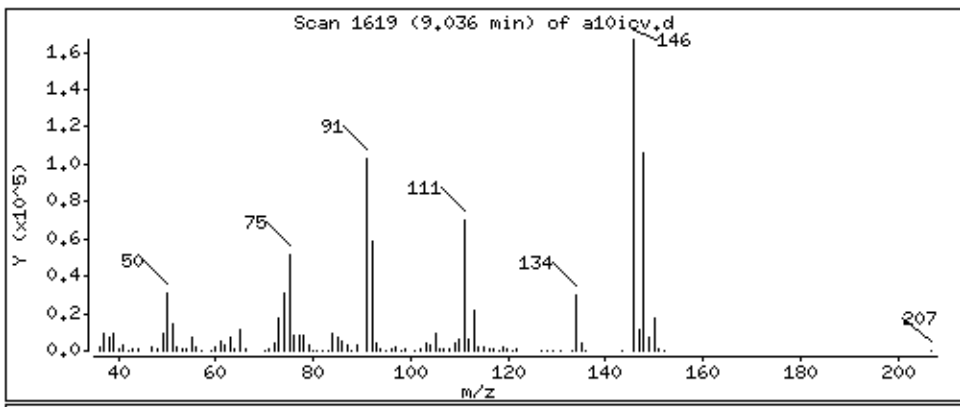
Column phase: DB-624

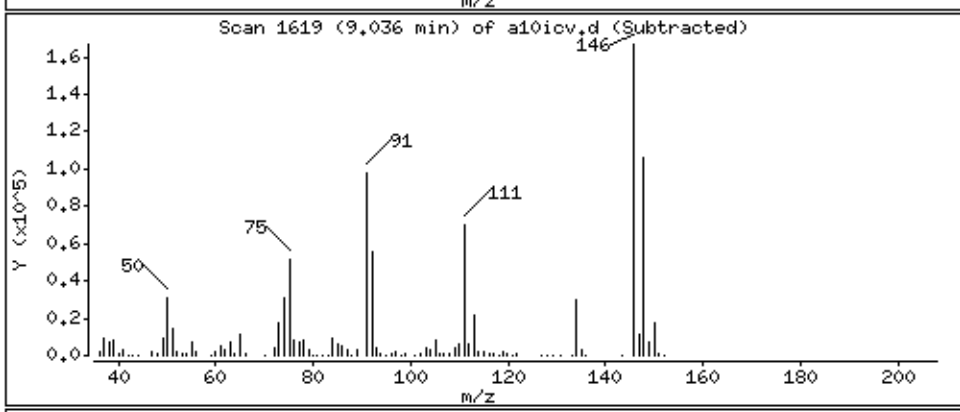
Column diameter: 0.18

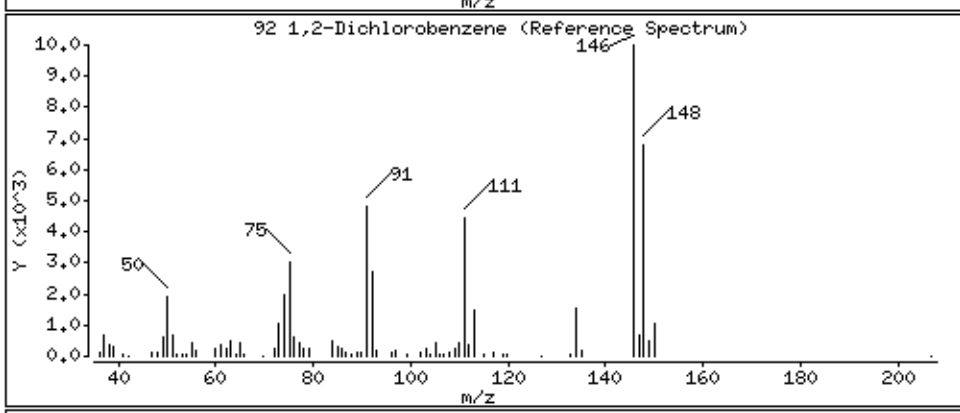
92 1,2-Dichlorobenzene

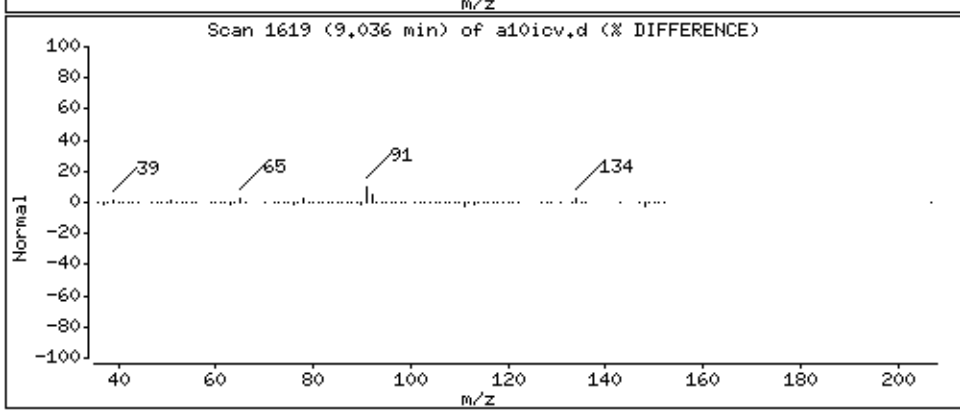
Concentration: 48.3 ppb

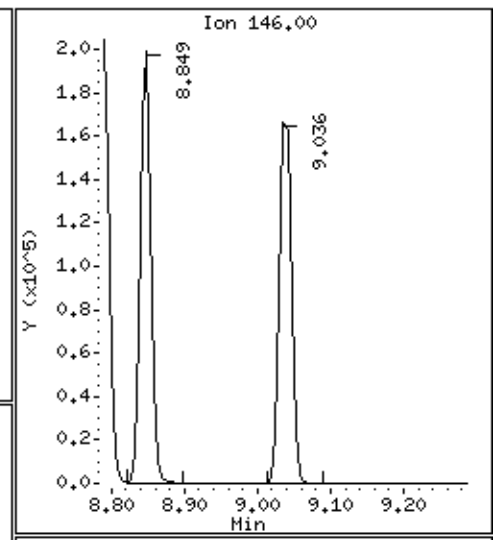
Review Code:

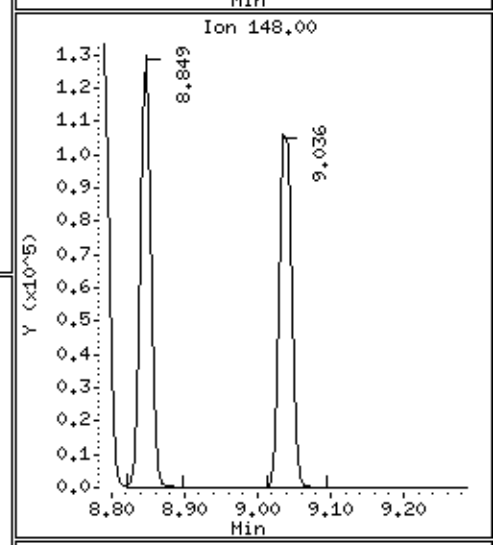


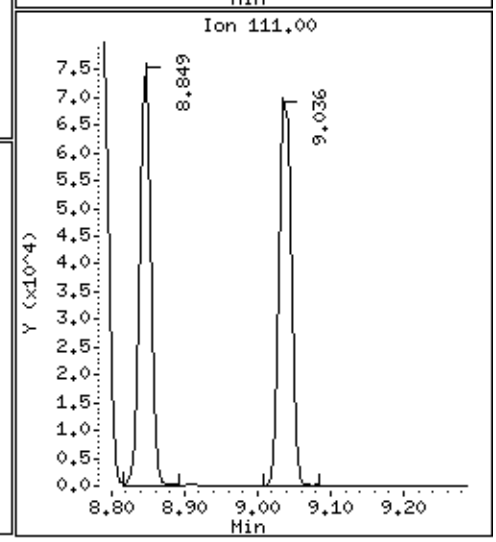












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

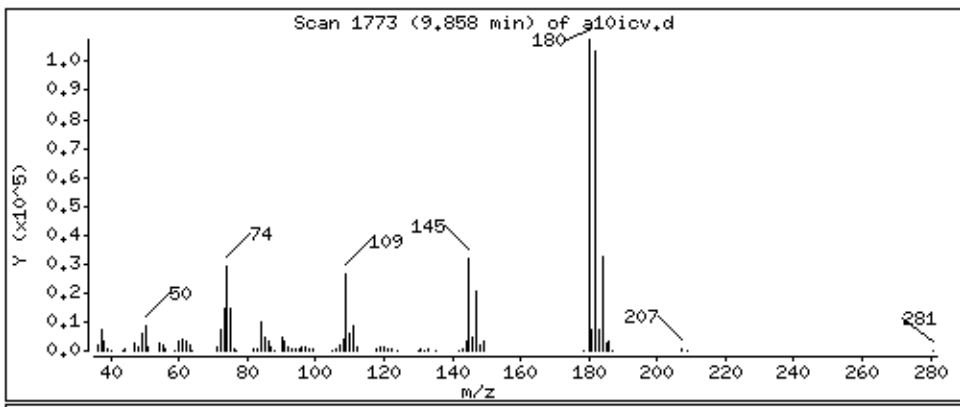
Column phase: DB-624

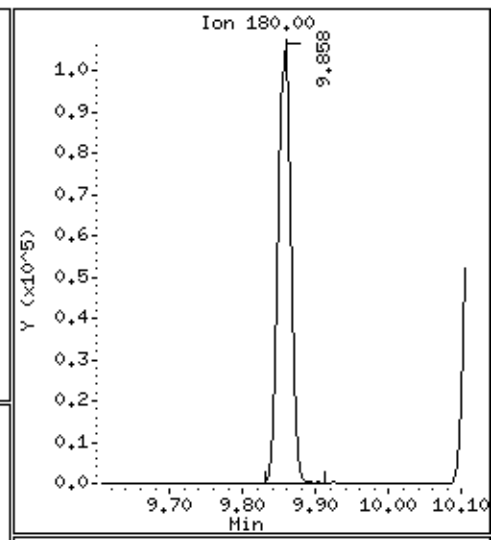
Column diameter: 0.18

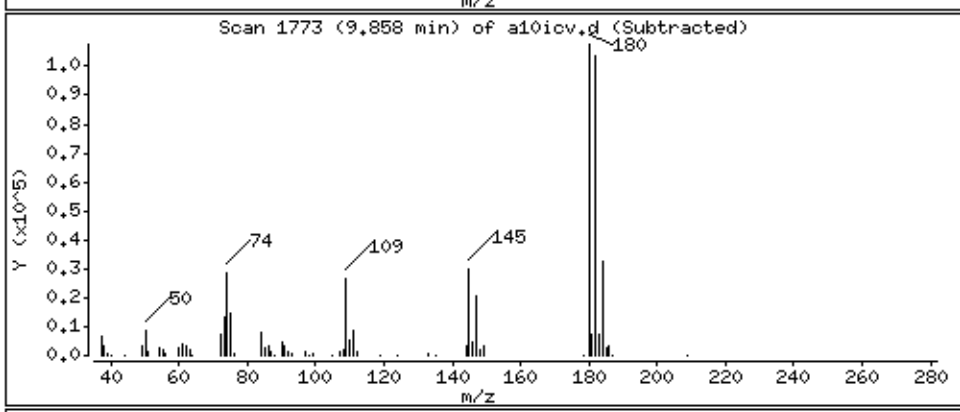
93 1,2,4-Trichlorobenzene

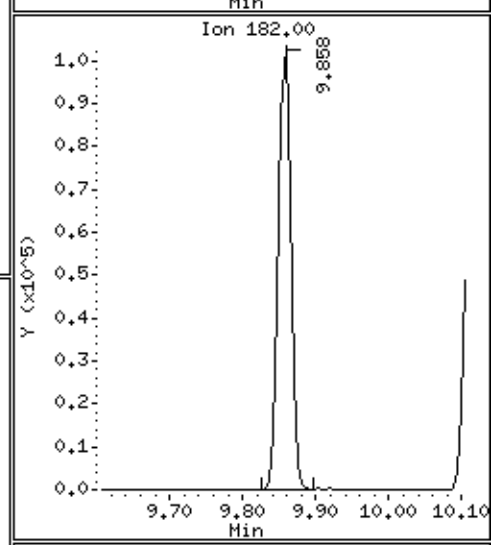
Concentration: 46.2 ppb

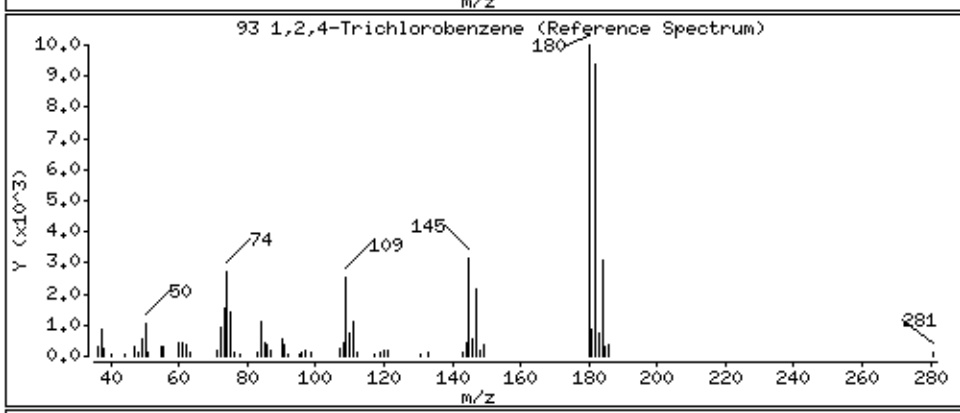
Review Code:

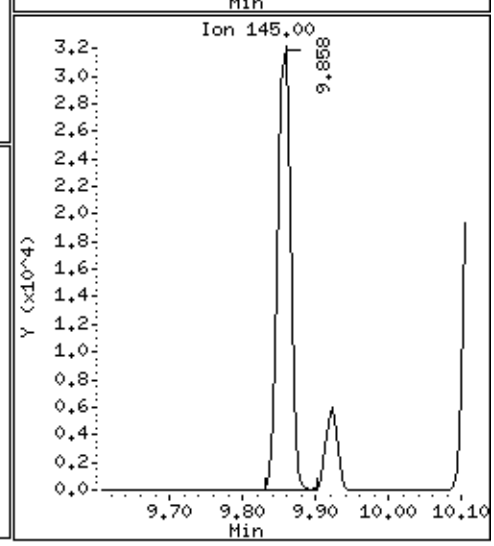


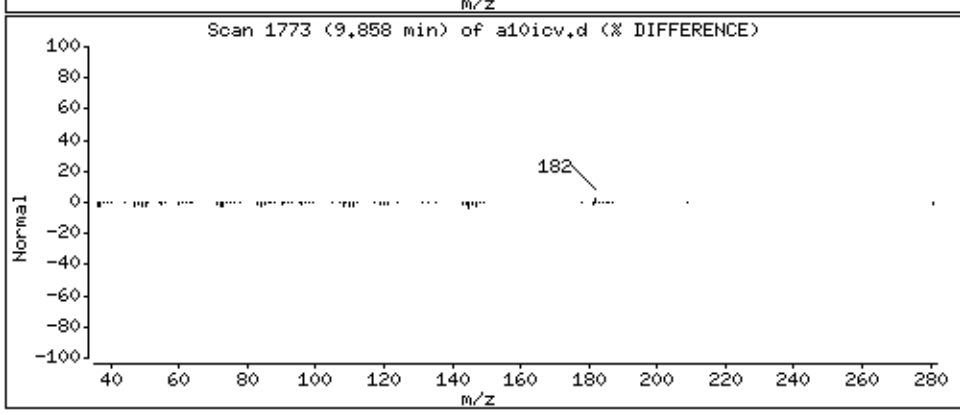












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

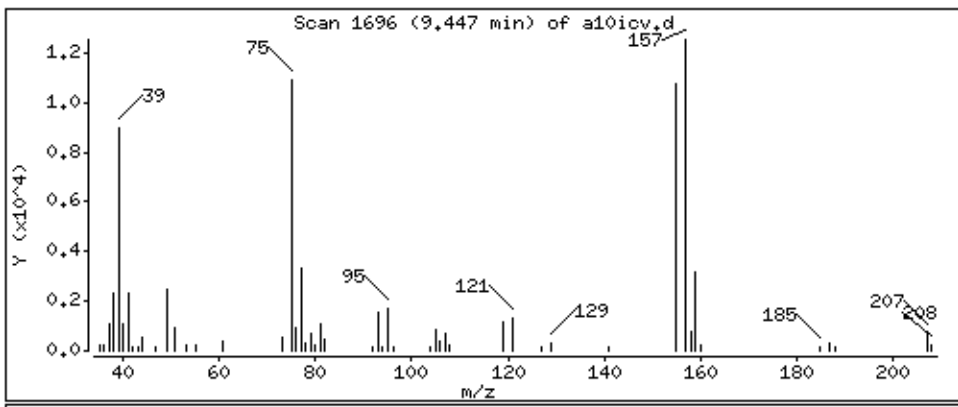
Column phase: DB-624

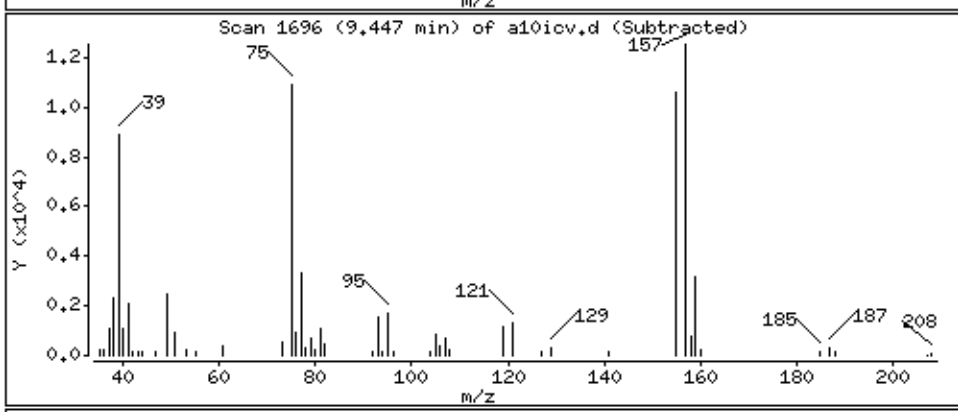
Column diameter: 0.18

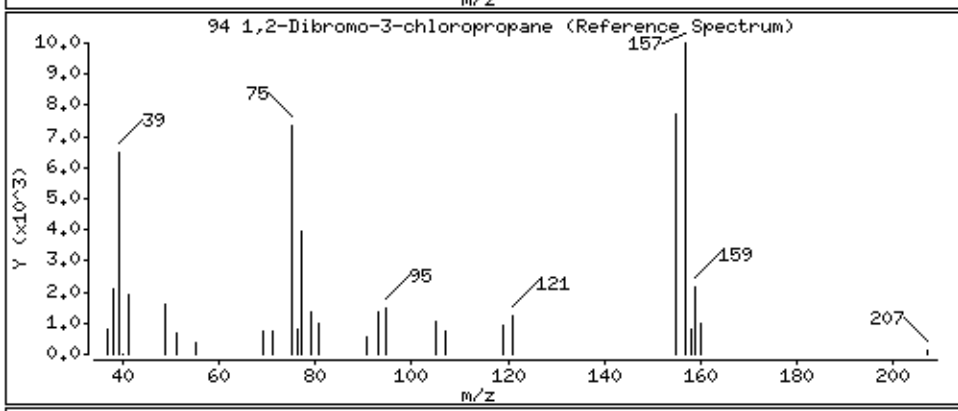
94 1,2-Dibromo-3-chloropropane

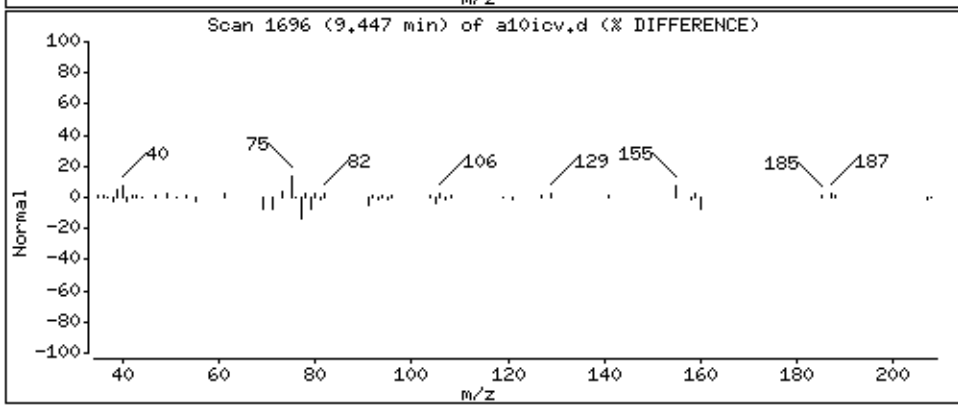
Concentration: 44.9 ppb

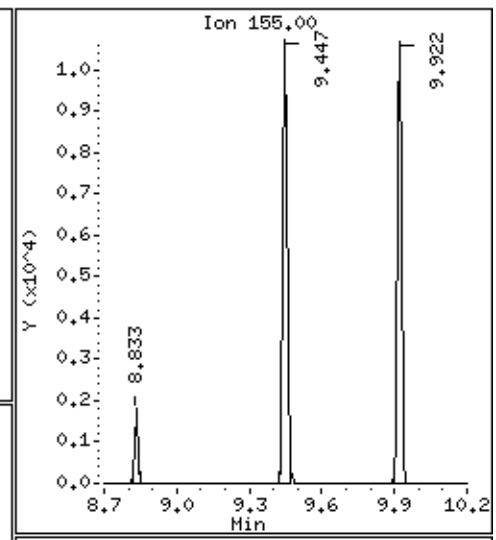
Review Code:

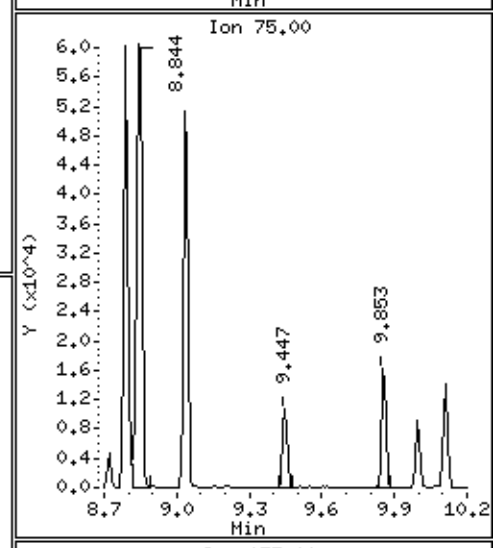


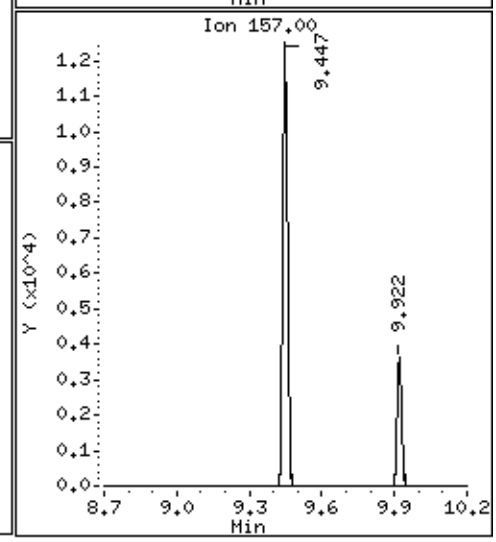












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

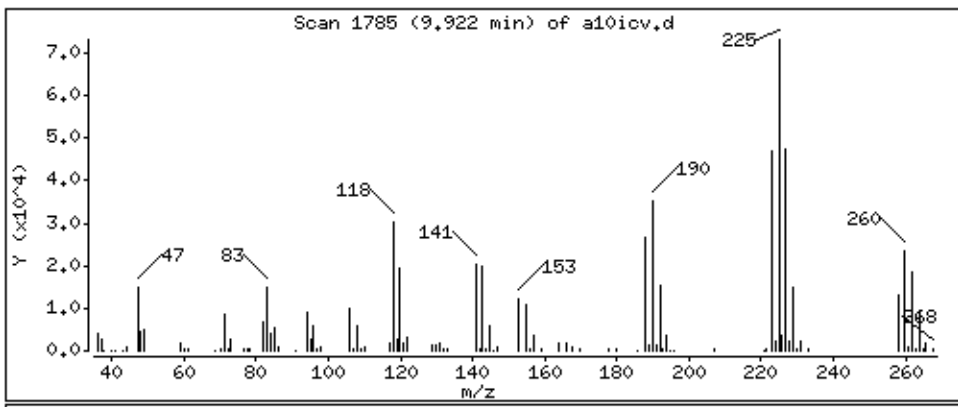
Column phase: DB-624

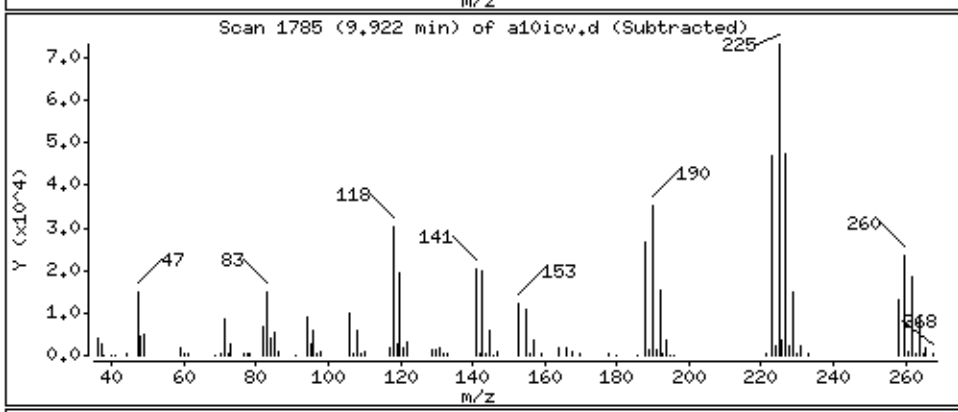
Column diameter: 0.18

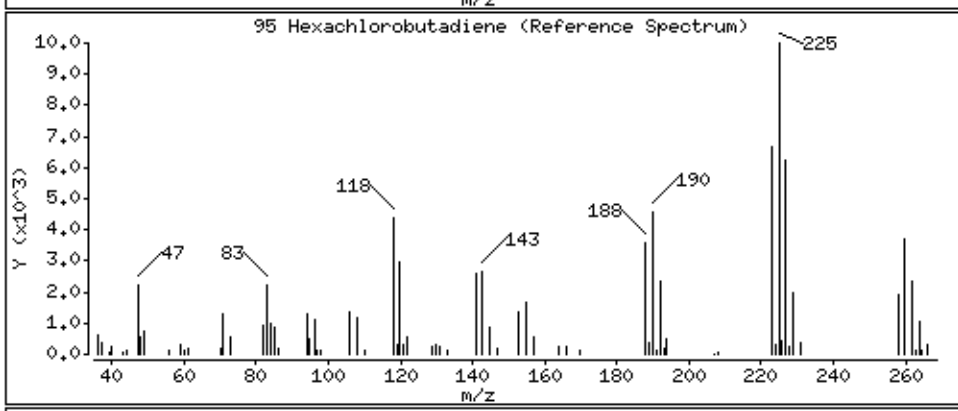
95 Hexachlorobutadiene

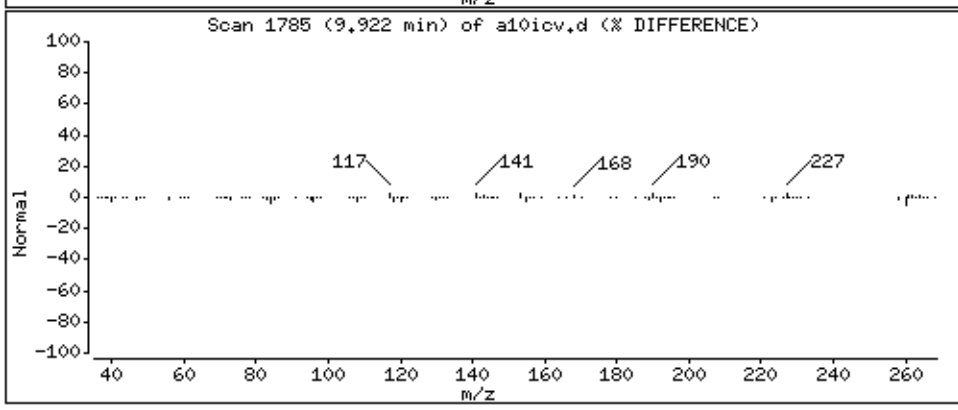
Concentration: 46.0 ppb

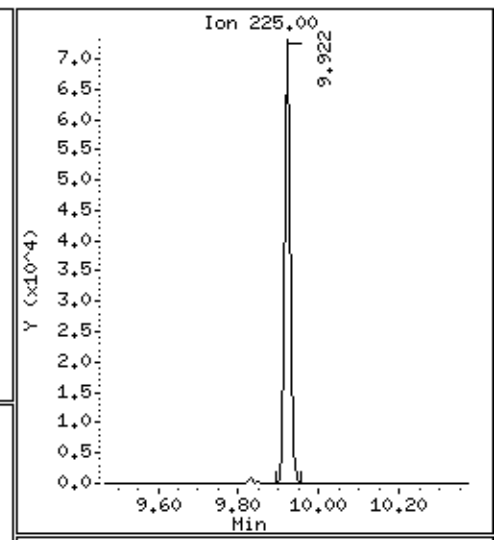
Review Code:

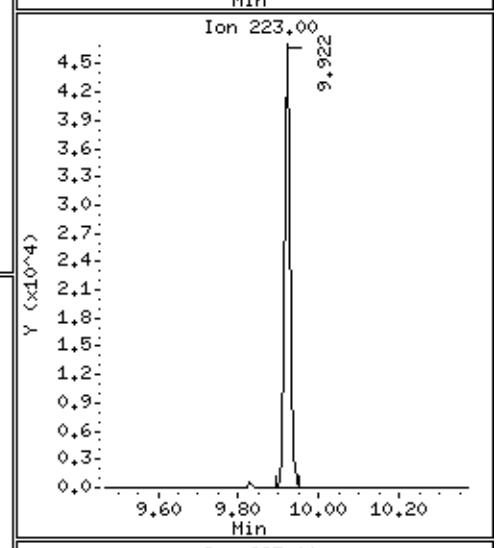


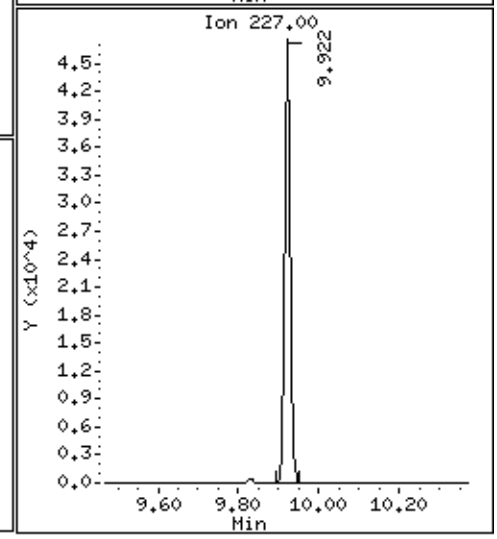












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

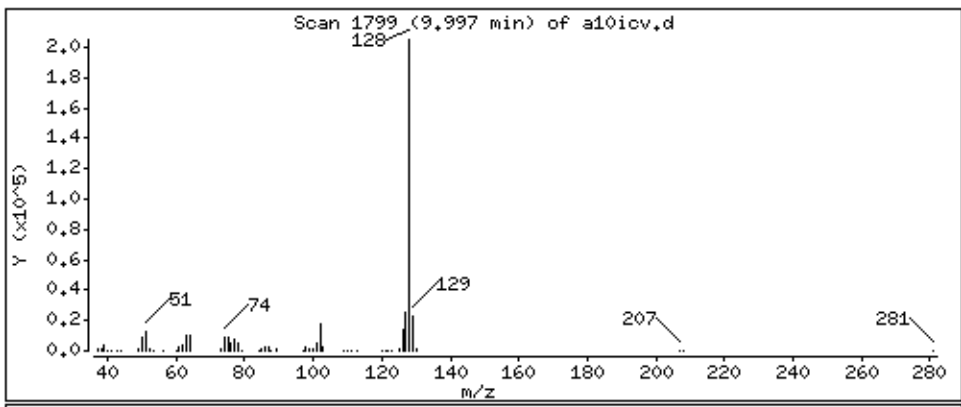
Column phase: DB-624

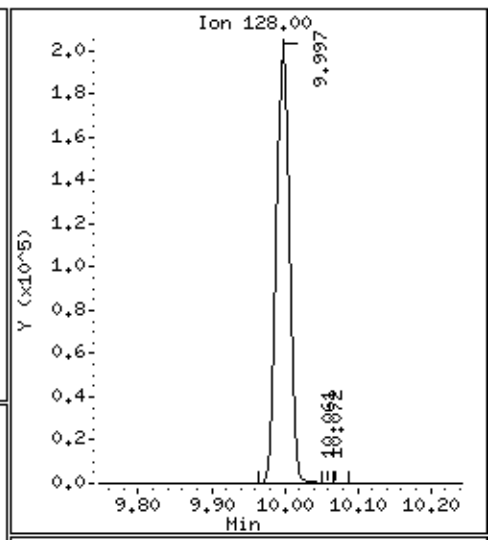
Column diameter: 0.18

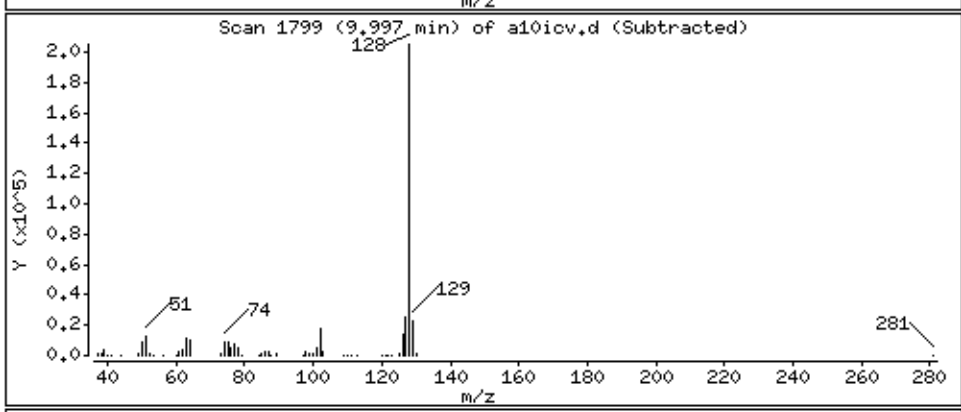
96 Naphthalene

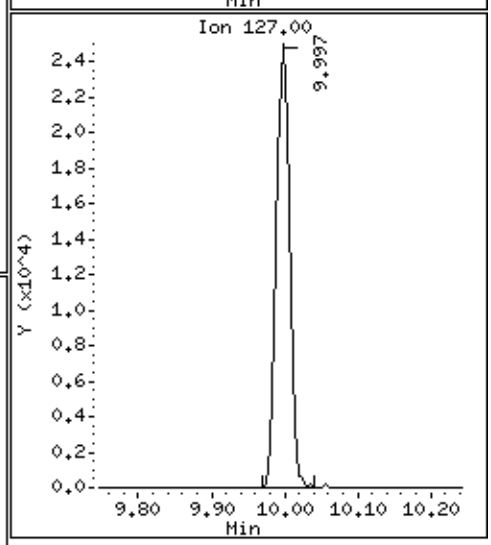
Concentration: 44.8 ppb

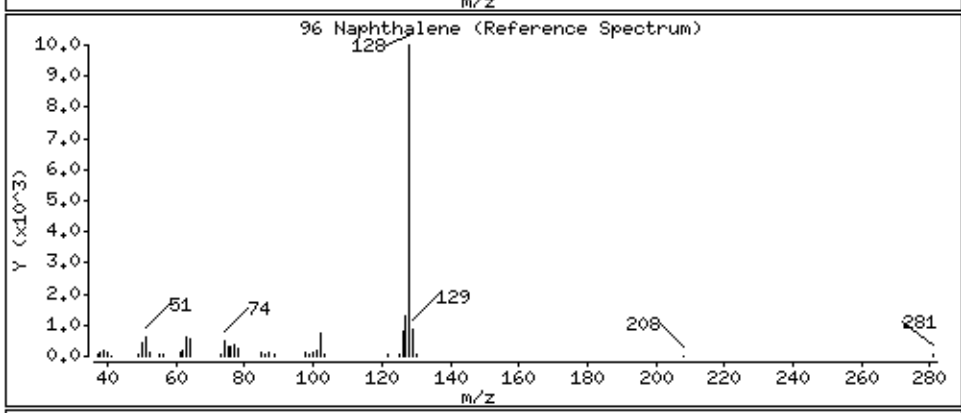
Review Code:

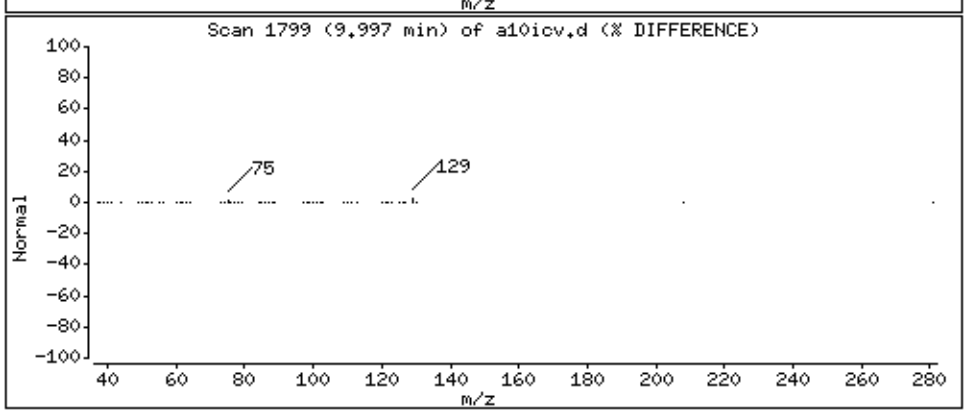












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

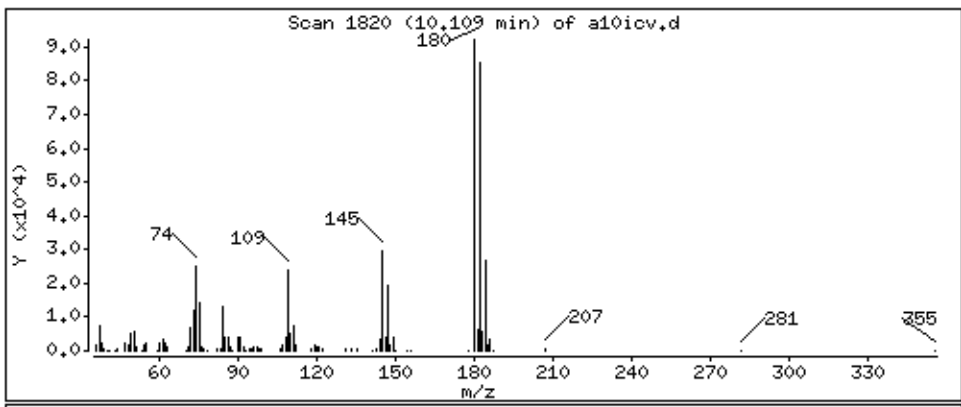
Column phase: DB-624

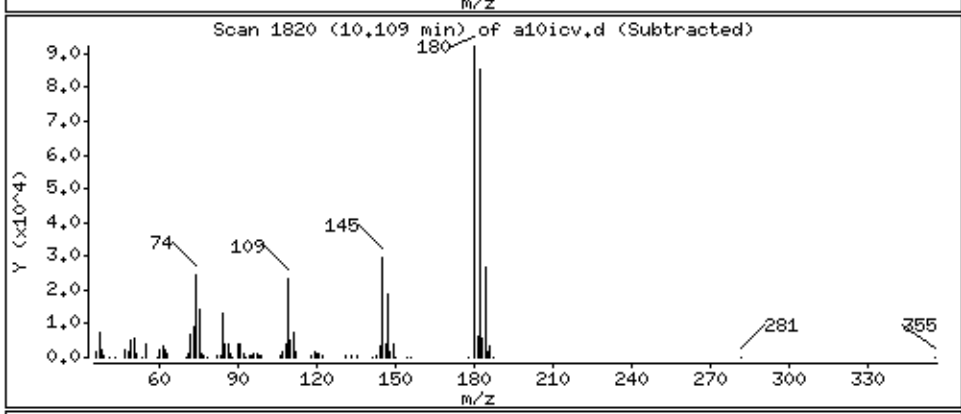
Column diameter: 0.18

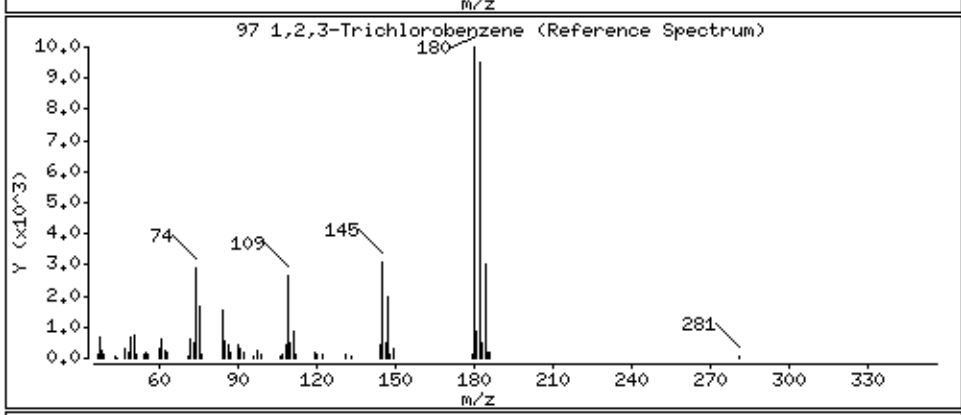
97 1,2,3-Trichlorobenzene

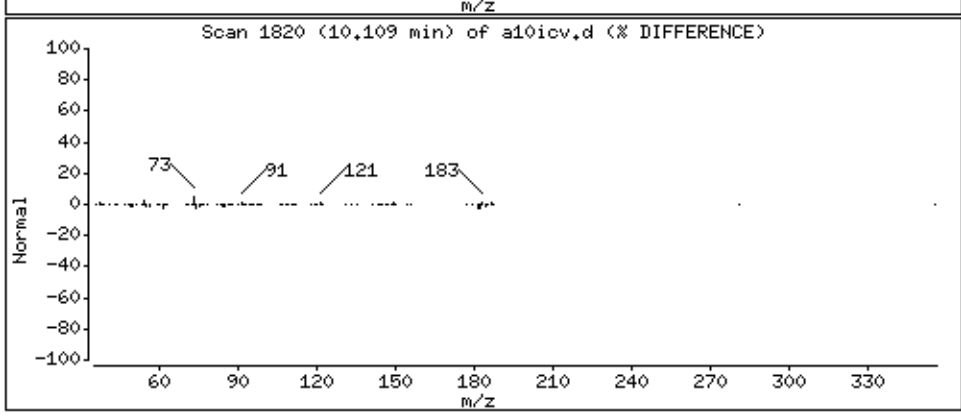
Concentration: 45.9 ppb

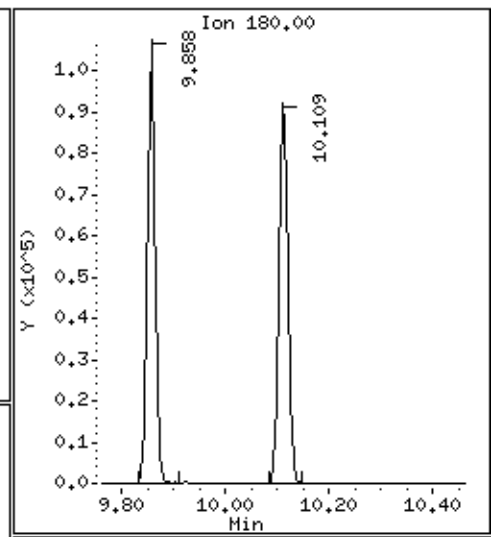
Review Code:

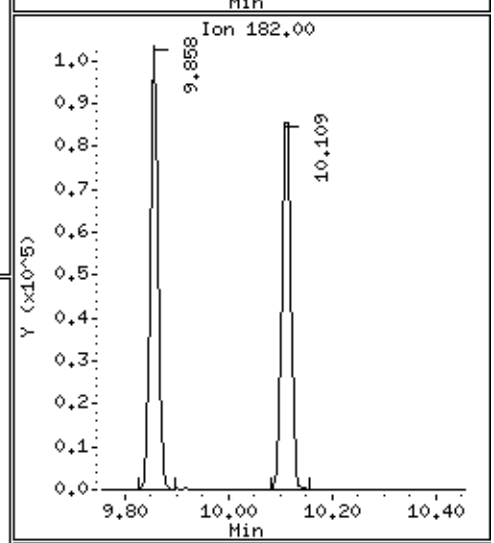


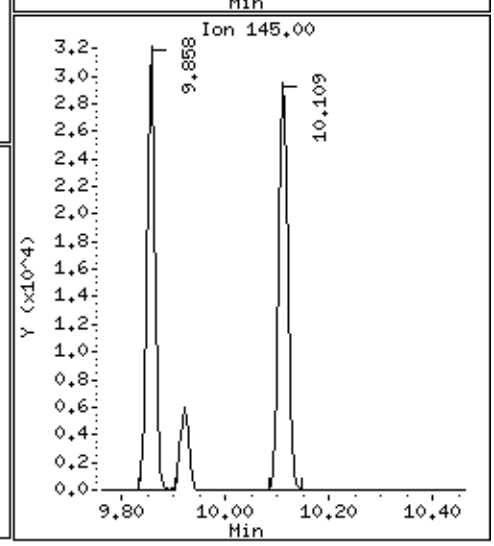












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

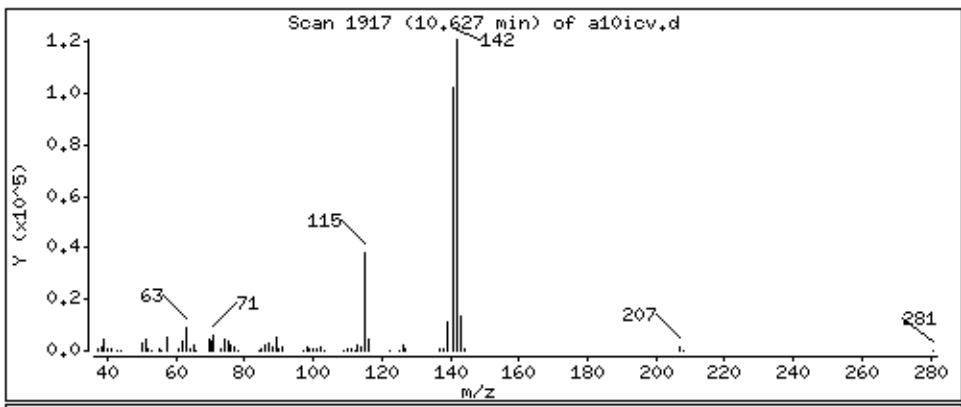
Column phase: DB-624

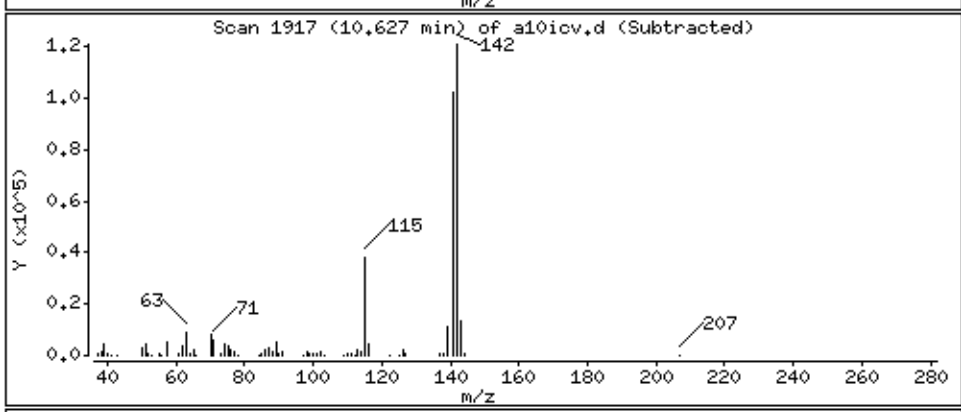
Column diameter: 0.18

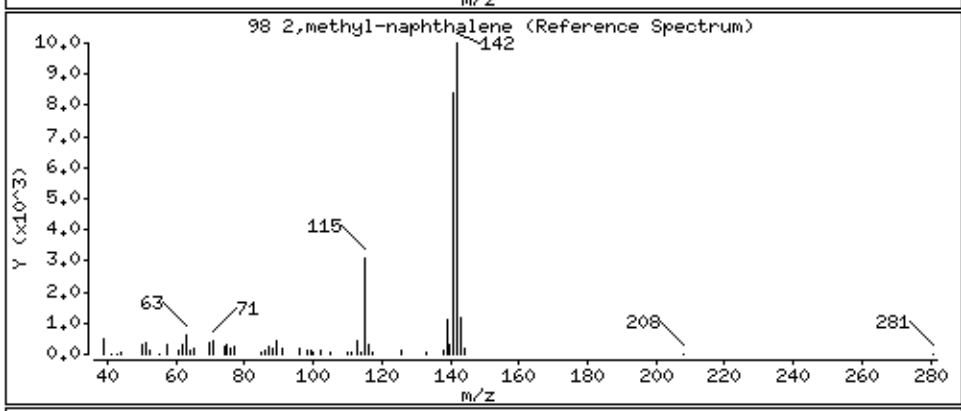
98 2,methyl-naphthalene

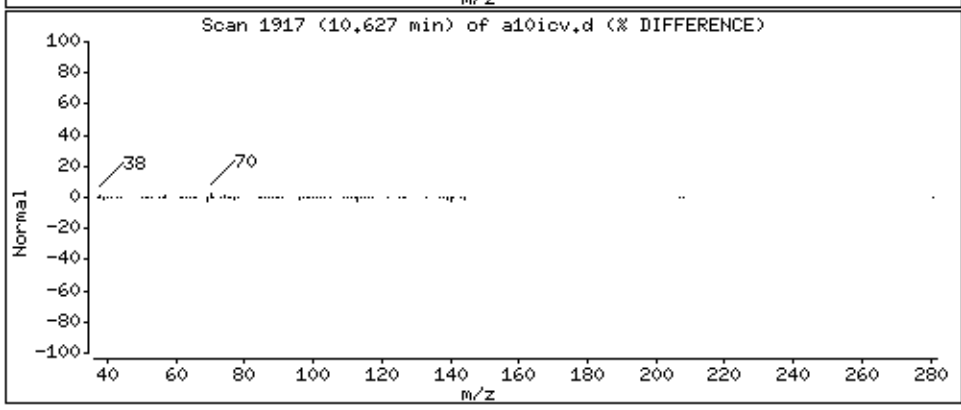
Concentration: 48.1 ppb

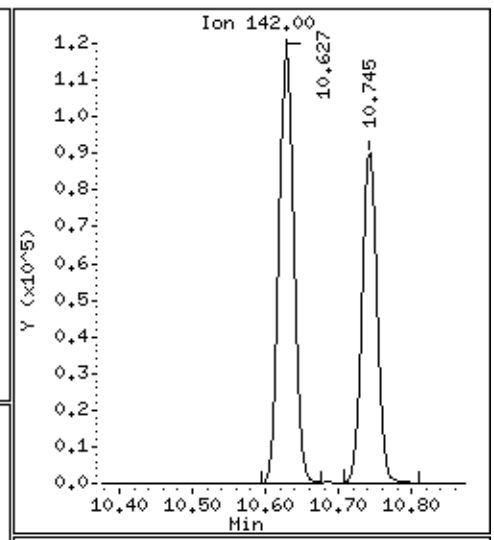
Review Code:

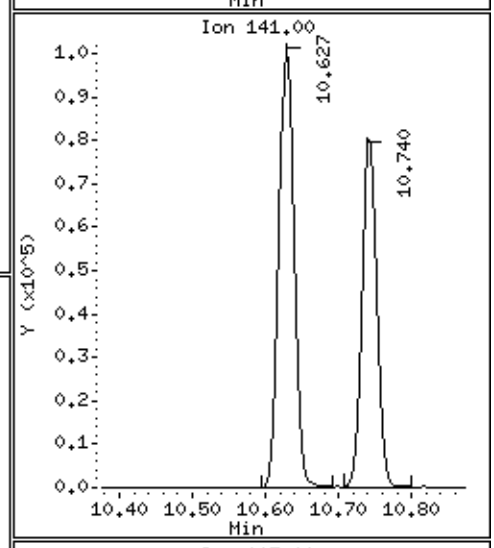


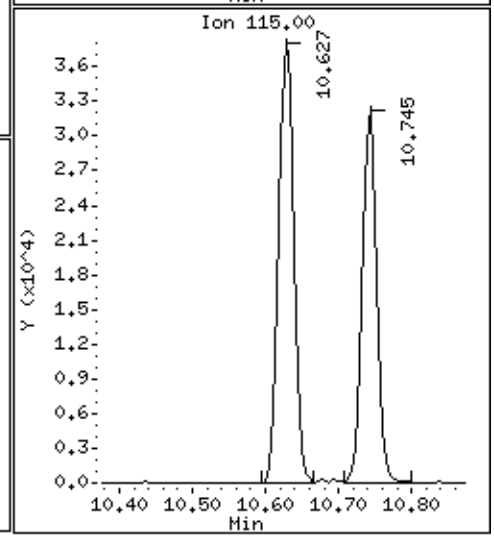












Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a10icv.d

Date : 23-AUG-2017 17:20

Client ID: 8260-ICV

Instrument: 50mv3a.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

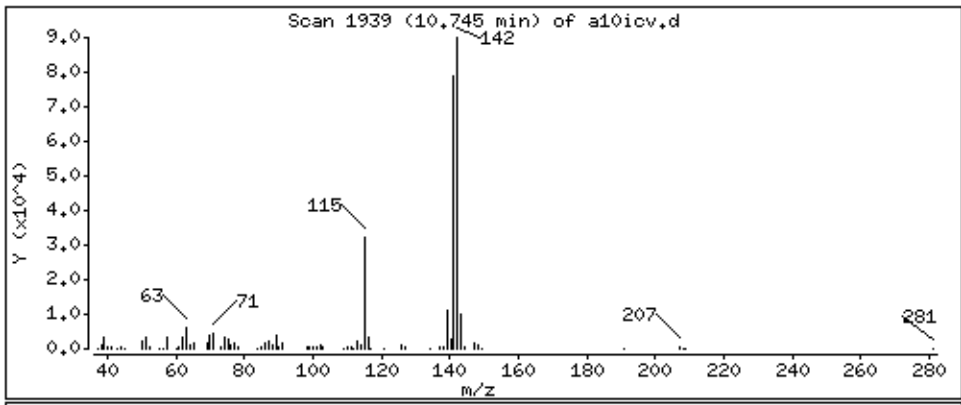
Column phase: DB-624

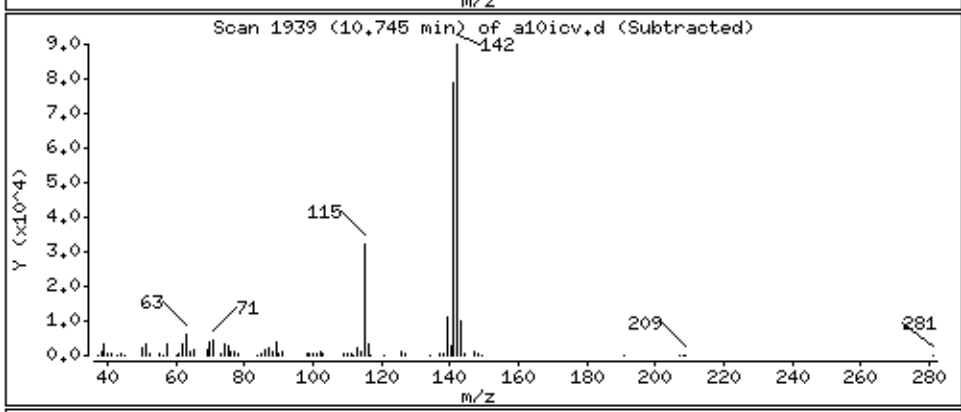
Column diameter: 0.18

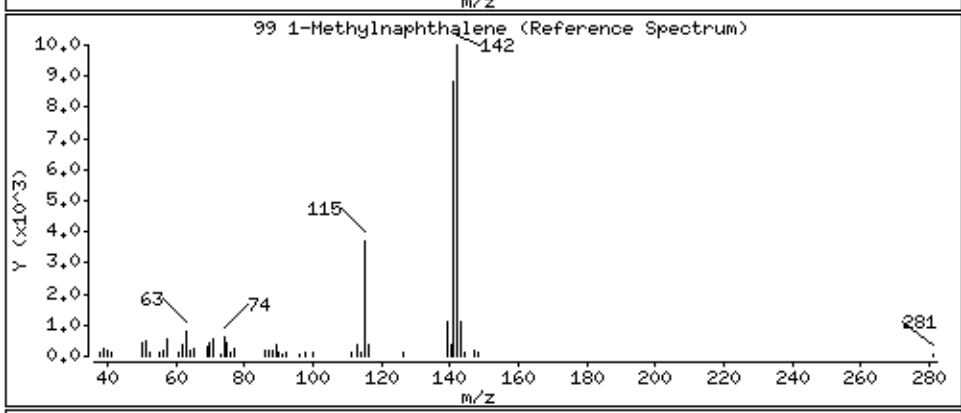
99 1-Methylnaphthalene

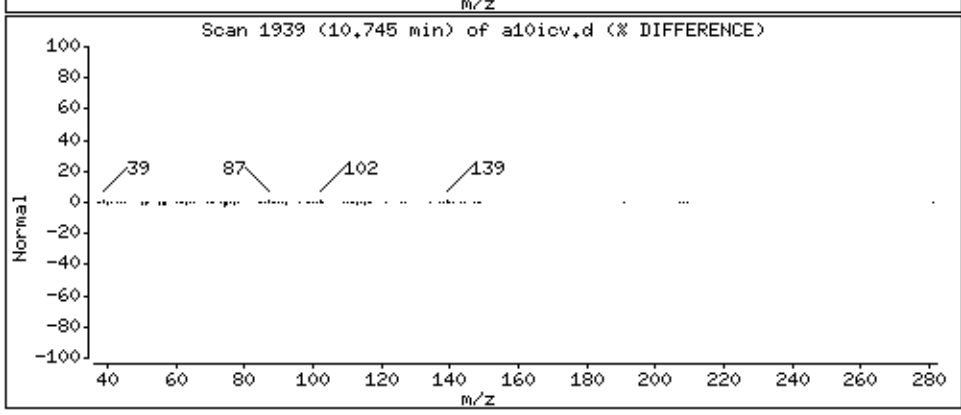
Concentration: 50.2 ppb

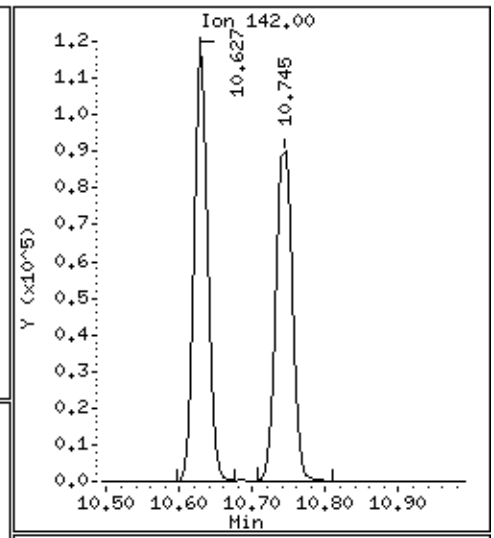
Review Code:

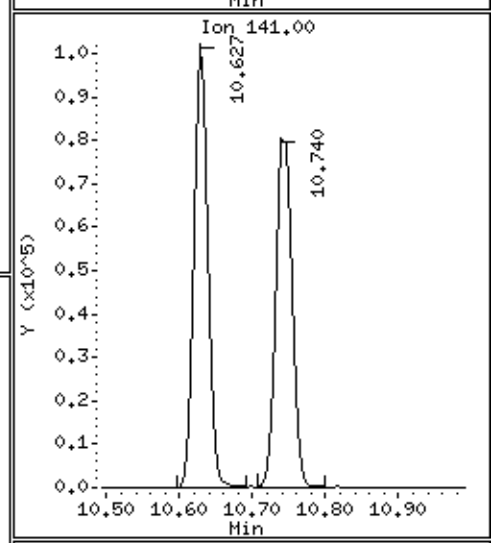


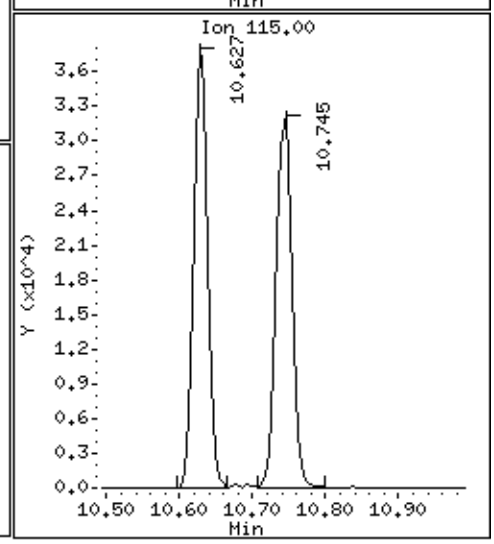












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Instrument: 50mv3a.i
Lab Sample ID: 8260-ICV,156501:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c01ccv.d
Lab Smp Id: 8260-CCV,159538:0 Client Smp ID: 8260-CCV
Inj Date : 05-OCT-2017 22:24
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-ccv,159538:0
Misc Info : 105903
Comment :
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Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 49 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1 Dichlorodifluoromethane	85	0.905	0.905	(0.218)	174189	50.0000	42.7	
2 Chloromethane	50	0.991	0.990	(0.239)	133681	50.0000	37.8	
3 Vinyl Chloride	62	1.034	1.033	(0.249)	206972	50.0000	39.2	
4 Bromomethane	94	1.178	1.177	(0.284)	109637	50.0000	55.2	
5 Chloroethane	64	1.226	1.225	(0.295)	120789	50.0000	38.7	
6 Trichlorofluoromethane	101	1.338	1.337	(0.322)	287084	50.0000	44.7	
7 Diethyl ether	74	1.461	1.460	(0.352)	103563	50.0000	45.8	
8 1,2-dichlorotrifluoroethane	67	1.477	1.476	(0.356)	234886	50.0000	39.7	
9 Acrolein	56	1.530	1.530	(0.369)	287132	1000.00	812	
10 1,1,2trichlorotrifluoroethane	101	1.584	1.583	(0.381)	214948	50.0000	43.7	
11 1,1-Dichloroethene	96	1.589	1.588	(0.383)	183727	50.0000	44.9	
12 Acetone	43	1.600	1.599	(0.385)	106814	250.000	201	
13 Iodomethane	142	1.675	1.674	(0.403)	398598	100.000	109	
14 Carbon Disulfide	76	1.723	1.722	(0.415)	504198	50.0000	39.0	
15 Methyl Acetate	43	1.771	1.765	(0.426)	77849	50.0000	50.8	
16 allyl chloride	41	1.781	1.781	(0.429)	541146	100.000	89.4	
17 Acetonitrile	39	1.781	1.781	(0.429)	357632	50.0000	41.0	
18 Methylene Chloride	84	1.856	1.856	(0.447)	183683	50.0000	45.3	
19 Acrylonitrile	53	1.990	1.989	(0.479)	120269	200.000	180	
20 Methyl-tert-butyl ether	73	2.016	2.016	(0.486)	446332	50.0000	44.3	
21 tert-Butyl Alcohol	59	1.893	1.893	(0.456)	19604	100.000	70.7	
22 1,2-Dichloroethene (trans)	96	2.032	2.026	(0.489)	203311	50.0000	46.4	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	23 n-Hexane	57	2.214	2.213	(0.533)	347477	50.0000	38.5	
	24 Vinyl Acetate	43	2.321	2.320	(0.559)	1066471	200.000	176	
	25 1,1-Dichloroethane	63	2.331	2.331	(0.561)	336505	50.0000	42.4	
	26 Chloroprene	53	2.390	2.384	(0.576)	316055	50.0000	40.5	
	27 2-Butanone	72	2.785	2.785	(0.671)	57172	250.000	241	
	28 1,2-Dichloroethene (cis)	96	2.807	2.806	(0.676)	216769	50.0000	46.7	
	29 2,2-Dichloropropane	77	2.812	2.806	(0.677)	263860	50.0000	36.6	
	30 Propionitrile	54	2.844	2.849	(0.685)	9894	50.0000	40.4	
	31 Methacrylonitrile	41	2.988	2.988	(0.720)	62929	50.0000	40.9	
	32 Bromochloromethane	49	3.036	3.036	(0.731)	117247	50.0000	41.4	
	33 Tetrahydrofuran	42	3.058	3.057	(0.736)	26489	50.0000	38.7	
	34 Chloroform	83	3.143	3.143	(0.757)	339734	50.0000	46.7	
$	35 Dibromofluoromethane (S)	113	3.320	3.319	(0.799)	168316	50.0000	45.6	
	36 1,1,1-Trichloroethane	97	3.320	3.319	(0.799)	311098	50.0000	43.3	
	37 Cyclohexane	56	3.405	3.404	(0.820)	317838	50.0000	38.1	
	38 n-Butyl chloride	56	3.469	3.463	(0.835)	425924	50.0000	41.2	
	39 Carbon Tetrachloride	117	3.501	3.506	(0.843)	267727	50.0000	43.6	
	40 1,1-Dichloropropene	75	3.512	3.511	(0.846)	285171	50.0000	45.3	
	41 Benzene	78	3.752	3.746	(0.904)	794807	50.0000	47.6	
	42 1,2-Dichloroethane	62	3.838	3.832	(0.924)	191183	50.0000	41.9	
	43 2,2,4-Trimethylpentane	57	3.928	3.928	(0.946)	796421	50.0000	44.8	
	44 Isobutyl alcohol	43	3.864	3.864	(0.931)	1027170	50.0000	50.9	
*	45 Fluorobenzene (IS)	96	4.153	4.152	(1.000)	747314	50.0000		
	46 Trichloroethene	95	4.607	4.606	(1.109)	209314	50.0000	48.2	
	47 Methylcyclohexane	55	4.874	4.873	(1.174)	274393	50.0000	41.7	
	48 1,2-Dichloropropane	63	4.911	4.911	(1.183)	183628	50.0000	45.9	
	49 Dibromomethane	93	5.007	5.007	(1.206)	81522	50.0000	47.3	
	50 1,4-Dioxane	88	5.013	5.007	(1.207)	15581	1000.00	1000	
	51 Methyl methacrylate	69	5.029	5.023	(1.211)	81796	50.0000	43.5	
	52 Bromodichloromethane	83	5.232	5.231	(1.260)	227793	50.0000	45.3	
	53 2-Chloroethyl vinyl ether	63	5.584	5.589	(0.761)	84911	100.000	92.3	
	54 cis-1,3-Dichloropropene	75	5.728	5.728	(0.781)	266838	50.0000	44.4	
	55 4-Methyl-2-Pentanone	43	5.905	5.904	(0.805)	463746	250.000	212	
$	56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	667380	50.0000	48.6	
	57 Toluene	91	6.081	6.080	(0.829)	809916	50.0000	46.9	
	58 trans-1,3-Dichloropropene	75	6.364	6.363	(0.868)	209509	50.0000	44.0	
	59 Ethyl Methacrylate	69	6.455	6.449	(0.880)	163603	50.0000	45.0	
	60 1,1,2-Trichloroethane	83	6.551	6.550	(0.893)	107883	50.0000	49.2	
	61 Tetrachloroethene	166	6.604	6.604	(0.900)	225350	50.0000	51.1	
	62 1,3-Dichloropropane	76	6.695	6.695	(0.913)	214792	50.0000	49.9	
	63 2-Hexanone	43	6.765	6.764	(0.922)	295719	250.000	226	
	64 Dibromochloromethane	129	6.877	6.876	(0.937)	155159	50.0000	50.7	
	65 1,2-Dibromoethane	107	6.962	6.962	(0.949)	116224	50.0000	50.2	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	457299	50.0000		
	67 Chlorobenzene	112	7.357	7.357	(1.003)	466185	50.0000	51.2	
	68 1,1,1,2-Tetrachloroethane	131	7.432	7.432	(1.013)	171336	50.0000	50.7	
	69 Ethylbenzene	106	7.438	7.437	(1.014)	273966	50.0000	46.2	
	70 m&p-Xylene	106	7.539	7.538	(1.028)	646150	100.000	94.8	
	71 o-Xylene	106	7.801	7.800	(1.063)	293832	50.0000	48.0	
	72 Styrene	104	7.817	7.816	(1.066)	471289	50.0000	43.6	
	73 Bromoform	173	7.934	7.934	(0.898)	77441	50.0000	49.8	
	74 Isopropylbenzene	105	8.046	8.046	(1.097)	784051	50.0000	49.6	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	184873	50.0000	49.1	
	76 Bromobenzene	77	8.233	8.233	(1.122)	222134	50.0000	45.7	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	1,1,2,2-Tetrachloroethane	83	8.249	8.249	(0.934)	113596	50.0000	48.1	
78	trans-1,4-Dichloro-2-butene	53	8.265	8.265	(1.127)	21221	50.0000	40.1	
79	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	35879	50.0000	51.2	
80	n-Propylbenzene	91	8.303	8.302	(0.940)	801842	50.0000	45.1	
81	2-Chlorotoluene	91	8.351	8.350	(0.946)	452725	50.0000	44.6	
82	1,3,5-Trimethylbenzene	105	8.415	8.414	(0.953)	556653	50.0000	46.3	
83	4-Chlorotoluene	126	8.426	8.425	(0.954)	151216	50.0000	47.9	
84	tert-Butylbenzene	119	8.597	8.596	(0.973)	620367	50.0000	45.5	
85	1,2,4-Trimethylbenzene	105	8.629	8.628	(0.977)	518013	50.0000	45.3	
86	sec-Butylbenzene	105	8.719	8.719	(0.987)	699248	50.0000	46.2	
87	1,3-Dichlorobenzene	146	8.789	8.788	(0.995)	253169	50.0000	47.1	
88	p-Isopropyltoluene	119	8.805	8.804	(0.997)	558288	50.0000	46.4	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.831	(1.000)	163865	50.0000		
90	1,4-Dichlorobenzene	146	8.848	8.847	(1.002)	250540	50.0000	47.1	
91	n-Butylbenzene	91	9.024	9.023	(1.022)	450841	50.0000	43.4	
92	1,2-Dichlorobenzene	146	9.040	9.034	(1.024)	217094	50.0000	48.6	
93	1,2,4-Trichlorobenzene	180	9.852	9.851	(1.115)	135209	50.0000	43.9	
94	1,2-Dibromo-3-chloropropane	155	9.446	9.445	(1.070)	12287	50.0000	44.2	
95	Hexachlorobutadiene	225	9.916	9.915	(1.123)	97223	50.0000	47.5	
96	Naphthalene	128	9.991	9.990	(1.131)	284010	50.0000	45.2	
97	1,2,3-Trichlorobenzene	180	10.108	10.107	(1.145)	125268	50.0000	44.0	
98	2,methyl-naphthalene	142	10.621	10.620	(1.203)	178463	50.0000	45.2	
99	1-Methylnaphthalene	142	10.738	10.738	(1.216)	150875	50.0000	46.9	

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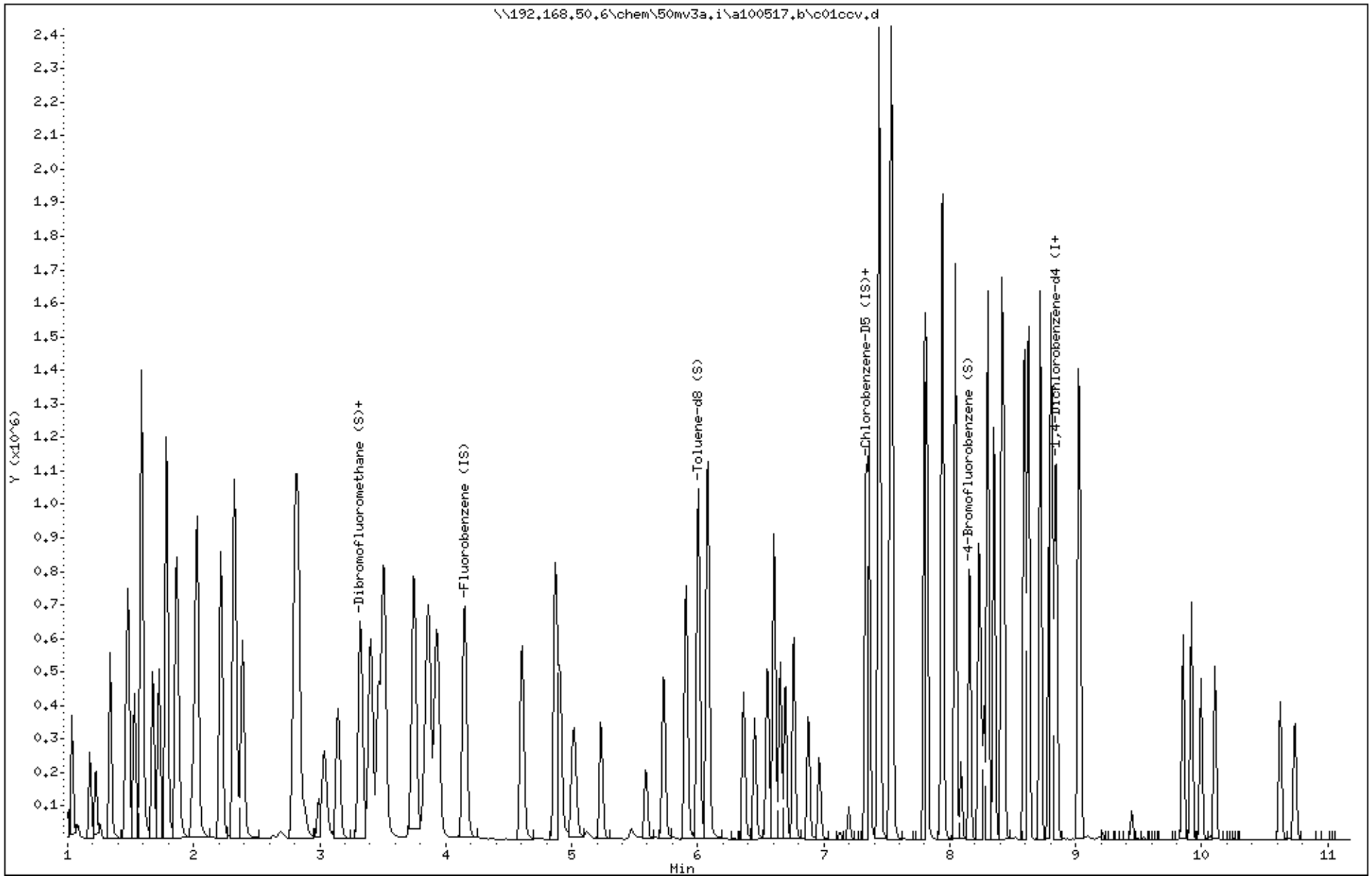
Date : 05-OCT-2017 22:24
Client ID: 8260-CCV
Instrument: 50mv3a.i
Sample Info: 8260-CCV,159538:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Injection Date: 05-OCT-2017 22:24
Instrument: 50mv3a.i
Lab Sample ID: 8260-CCV,159538:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\a01ccv.d
Lab Smp Id: 8260-CCV,160056:0
Inj Date : 09-OCT-2017 10:48
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-ccv,160056:0
Misc Info : 105903
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.907	0.907	(0.219)	213687	50.0000	47.2	
2	Chloromethane	50	0.992	0.992	(0.239)	164077	50.0000	41.8	
3	Vinyl Chloride	62	1.035	1.035	(0.250)	248993	50.0000	42.4	
4	Bromomethane	94	1.179	1.179	(0.284)	126192	50.0000	57.2	
5	Chloroethane	64	1.222	1.222	(0.295)	139768	50.0000	40.3	
6	Trichlorofluoromethane	101	1.334	1.334	(0.322)	334352	50.0000	46.9	
7	Diethyl ether	74	1.462	1.462	(0.353)	108277	50.0000	43.1	
8	1,2-dichlorotrifluoroethane	67	1.478	1.478	(0.356)	261110	50.0000	39.7	
9	Acrolein	56	1.532	1.532	(0.369)	364528	1000.00	928	
10	1,1,2trichlorotrifluoroethane	101	1.585	1.585	(0.382)	238955	50.0000	43.7	
11	1,1-Dichloroethene	96	1.591	1.591	(0.383)	203335	50.0000	44.7	
12	Acetone	43	1.601	1.601	(0.386)	104081	250.000	173	
13	Iodomethane	142	1.676	1.676	(0.404)	449260	100.000	111	
14	Carbon Disulfide	76	1.724	1.724	(0.416)	596995	50.0000	41.5	
15	Methyl Acetate	43	1.767	1.767	(0.426)	88383	50.0000	51.8	
16	allyl chloride	41	1.783	1.783	(0.430)	610894	100.000	90.9	
17	Acetonitrile	39	1.783	1.783	(0.430)	392967	50.0000	40.5	
18	Methylene Chloride	84	1.858	1.858	(0.448)	196182	50.0000	43.6	
19	Acrylonitrile	53	1.991	1.991	(0.480)	125422	200.000	169	
20	Methyl-tert-butyl ether	73	2.018	2.018	(0.486)	460194	50.0000	41.1	
21	tert-Butyl Alcohol	59	1.895	1.895	(0.457)	18263	100.000	58.4(Q)	
22	1,2-Dichloroethene (trans)	96	2.029	2.029	(0.489)	225160	50.0000	46.2	
23	n-Hexane	57	2.210	2.210	(0.533)	395117	50.0000	39.4	

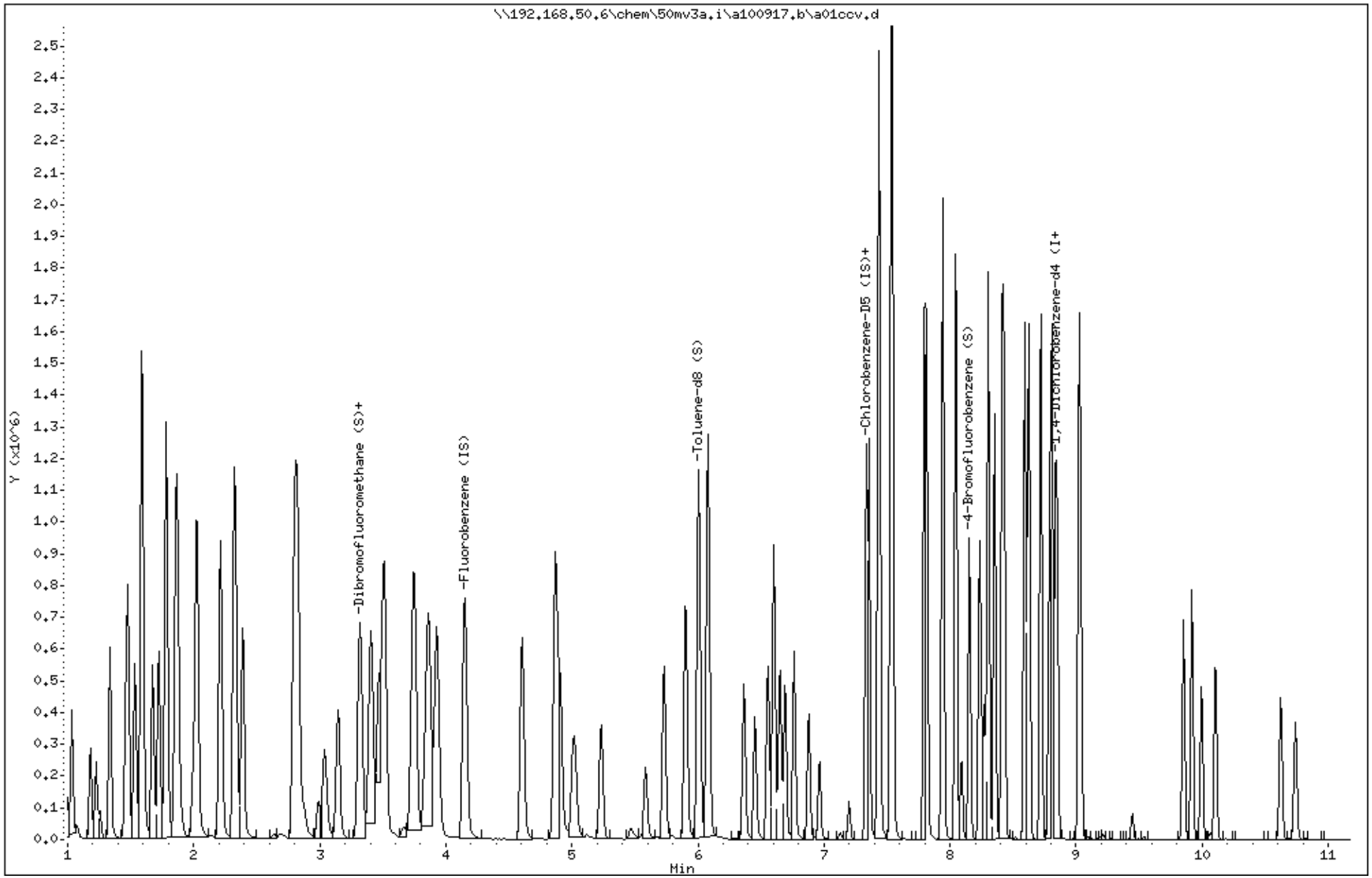
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.317	2.317	(0.558)	1154550	200.000	172	
	25 1,1-Dichloroethane	63	2.333	2.333	(0.562)	369411	50.0000	41.9	
	26 Chloroprene	53	2.386	2.386	(0.575)	349496	50.0000	40.3	
	27 2-Butanone	72	2.787	2.787	(0.672)	59339	250.000	225	
	28 1,2-Dichloroethene (cis)	96	2.803	2.803	(0.676)	229442	50.0000	44.5	
	29 2,2-Dichloropropane	77	2.808	2.808	(0.677)	307905	50.0000	38.4	
	30 Propionitrile	54	2.851	2.851	(0.687)	10653	50.0000	39.2	
	31 Methacrylonitrile	41	2.990	2.990	(0.721)	62461	50.0000	36.5	
	32 Bromochloromethane	49	3.033	3.033	(0.731)	125979	50.0000	40.1	
	33 Tetrahydrofuran	42	3.054	3.054	(0.736)	29846	50.0000	39.2	
	34 Chloroform	83	3.145	3.145	(0.758)	354952	50.0000	43.9	
$	35 Dibromofluoromethane (S)	113	3.316	3.316	(0.799)	186375	50.0000	45.4	
	36 1,1,1-Trichloroethane	97	3.321	3.321	(0.800)	325808	50.0000	40.8	
	37 Cyclohexane	56	3.401	3.401	(0.820)	364647	50.0000	39.4	
	38 n-Butyl chloride	56	3.465	3.465	(0.835)	453607	50.0000	39.4	
	39 Carbon Tetrachloride	117	3.503	3.503	(0.844)	287361	50.0000	42.1	
	40 1,1-Dichloropropene	75	3.508	3.508	(0.846)	311109	50.0000	44.5	
	41 Benzene	78	3.748	3.748	(0.903)	854664	50.0000	46.1	
	42 1,2-Dichloroethane	62	3.834	3.834	(0.924)	198412	50.0000	39.1	
	43 2,2,4-Trimethylpentane	57	3.930	3.930	(0.947)	864810	50.0000	43.8	
	44 Isobutyl alcohol	43	3.860	3.860	(0.930)	1041110	50.0000	46.4	
*	45 Fluorobenzene (IS)	96	4.149	4.149	(1.000)	830366	50.0000		
	46 Trichloroethene	95	4.603	4.603	(1.109)	224731	50.0000	46.6	
	47 Methylcyclohexane	55	4.870	4.870	(1.174)	301121	50.0000	41.2	
	48 1,2-Dichloropropane	63	4.907	4.907	(1.183)	196215	50.0000	44.2	
	49 Dibromomethane	93	5.003	5.003	(1.206)	83068	50.0000	43.4	
	50 1,4-Dioxane	88	5.014	5.014	(1.209)	17683	1000.00	1020	
	51 Methyl methacrylate	69	5.025	5.025	(1.211)	82743	50.0000	39.6	
	52 Bromodichloromethane	83	5.233	5.233	(1.261)	238395	50.0000	42.7	
	53 2-Chloroethyl vinyl ether	63	5.586	5.586	(0.762)	96232	100.000	94.8	
	54 cis-1,3-Dichloropropene	75	5.730	5.730	(0.781)	299657	50.0000	45.2	
	55 4-Methyl-2-Pentanone	43	5.901	5.901	(0.805)	456546	250.000	189	
$	56 Toluene-d8 (S)	98	6.008	6.008	(0.819)	755207	50.0000	49.8	
	57 Toluene	91	6.077	6.077	(0.829)	868221	50.0000	45.5	
	58 trans-1,3-Dichloropropene	75	6.365	6.365	(0.868)	230343	50.0000	43.8	
	59 Ethyl Methacrylate	69	6.451	6.451	(0.880)	166800	50.0000	41.6	
	60 1,1,2-Trichloroethane	83	6.552	6.552	(0.894)	107277	50.0000	44.3	
	61 Tetrachloroethene	166	6.606	6.606	(0.901)	232056	50.0000	47.7	
	62 1,3-Dichloropropane	76	6.691	6.691	(0.913)	221021	50.0000	46.5	
	63 2-Hexanone	43	6.761	6.761	(0.922)	289695	250.000	201	
	64 Dibromochloromethane	129	6.878	6.878	(0.938)	160613	50.0000	47.5	
	65 1,2-Dibromoethane	107	6.964	6.964	(0.950)	119459	50.0000	46.7	
*	66 Chlorobenzene-D5 (IS)	117	7.332	7.332	(1.000)	504980	50.0000		
	67 Chlorobenzene	112	7.354	7.354	(1.003)	484914	50.0000	48.3	
	68 1,1,1,2-Tetrachloroethane	131	7.434	7.434	(1.014)	179858	50.0000	48.2	
	69 Ethylbenzene	106	7.439	7.439	(1.015)	290696	50.0000	44.4	
	70 m&p-Xylene	106	7.540	7.540	(1.028)	693663	100.000	92.2	
	71 o-Xylene	106	7.797	7.797	(1.063)	310649	50.0000	45.9	
	72 Styrene	104	7.813	7.813	(1.066)	504460	50.0000	42.3	
	73 Bromoform	173	7.936	7.936	(0.898)	80229	50.0000	48.5	
	74 Isopropylbenzene	105	8.043	8.043	(1.097)	834505	50.0000	47.8	
$	75 4-Bromofluorobenzene (S)	95	8.155	8.155	(1.112)	198621	50.0000	47.8	
	76 Bromobenzene	77	8.235	8.235	(1.123)	234038	50.0000	43.6	
	77 1,1,2,2-Tetrachloroethane	83	8.246	8.246	(0.933)	111904	50.0000	44.6	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78 trans-1,4-Dichloro-2-butene	53	8.267	8.267	(1.127)	24221	50.0000	41.4(Q)	
79 1,2,3-Trichloropropane	110	8.278	8.278	(0.937)	34764	50.0000	46.7	
80 n-Propylbenzene	91	8.304	8.304	(0.940)	882373	50.0000	46.7	
81 2-Chlorotoluene	91	8.352	8.352	(0.946)	486007	50.0000	45.0	
82 1,3,5-Trimethylbenzene	105	8.411	8.411	(0.952)	585440	50.0000	45.8	
83 4-Chlorotoluene	126	8.427	8.427	(0.954)	165791	50.0000	49.4	
84 tert-Butylbenzene	119	8.593	8.593	(0.973)	661369	50.0000	45.6	
85 1,2,4-Trimethylbenzene	105	8.630	8.630	(0.977)	552900	50.0000	45.4	
86 sec-Butylbenzene	105	8.721	8.721	(0.987)	742081	50.0000	46.1	
87 1,3-Dichlorobenzene	146	8.785	8.785	(0.995)	276362	50.0000	48.3	
88 p-Isopropyltoluene	119	8.806	8.806	(0.997)	599607	50.0000	46.8	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.833	(1.000)	174305	50.0000		
90 1,4-Dichlorobenzene	146	8.849	8.849	(1.002)	271310	50.0000	48.0	
91 n-Butylbenzene	91	9.025	9.025	(1.022)	502592	50.0000	45.5	
92 1,2-Dichlorobenzene	146	9.036	9.036	(1.023)	227097	50.0000	47.8	
93 1,2,4-Trichlorobenzene	180	9.853	9.853	(1.115)	156261	50.0000	47.6	
94 1,2-Dibromo-3-chloropropane	155	9.447	9.447	(1.070)	12575	50.0000	42.5	
95 Hexachlorobutadiene	225	9.917	9.917	(1.123)	104255	50.0000	47.9	
96 Naphthalene	128	9.992	9.992	(1.131)	278135	50.0000	41.6	
97 1,2,3-Trichlorobenzene	180	10.110	10.110	(1.145)	133711	50.0000	44.2	
98 2,methyl-naphthalene	142	10.622	10.622	(1.203)	188528	50.0000	44.9	
99 1-Methylnaphthalene	142	10.740	10.740	(1.216)	160482	50.0000	46.9	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a01ccv.d
Date : 09-OCT-2017 10:48
Client ID:
Instrument: 50mv3a.i
Sample Info: 8260-CCV,160056:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Injection Date: 09-OCT-2017 10:48
Instrument: 50mv3a.i
Lab Sample ID: 8260-CCV,160056:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100917.b\c01ccv.d
Lab Smp Id: 8260-CCV,160056:0 Client Smp ID: 8260-CCV
Inj Date : 09-OCT-2017 23:01
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 8260-ccv,160056:0
Misc Info : 105903
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100917.b\-a8260_a_c.m
Meth Date : 10-Oct-2017 10:30 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 49 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-JLZ

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

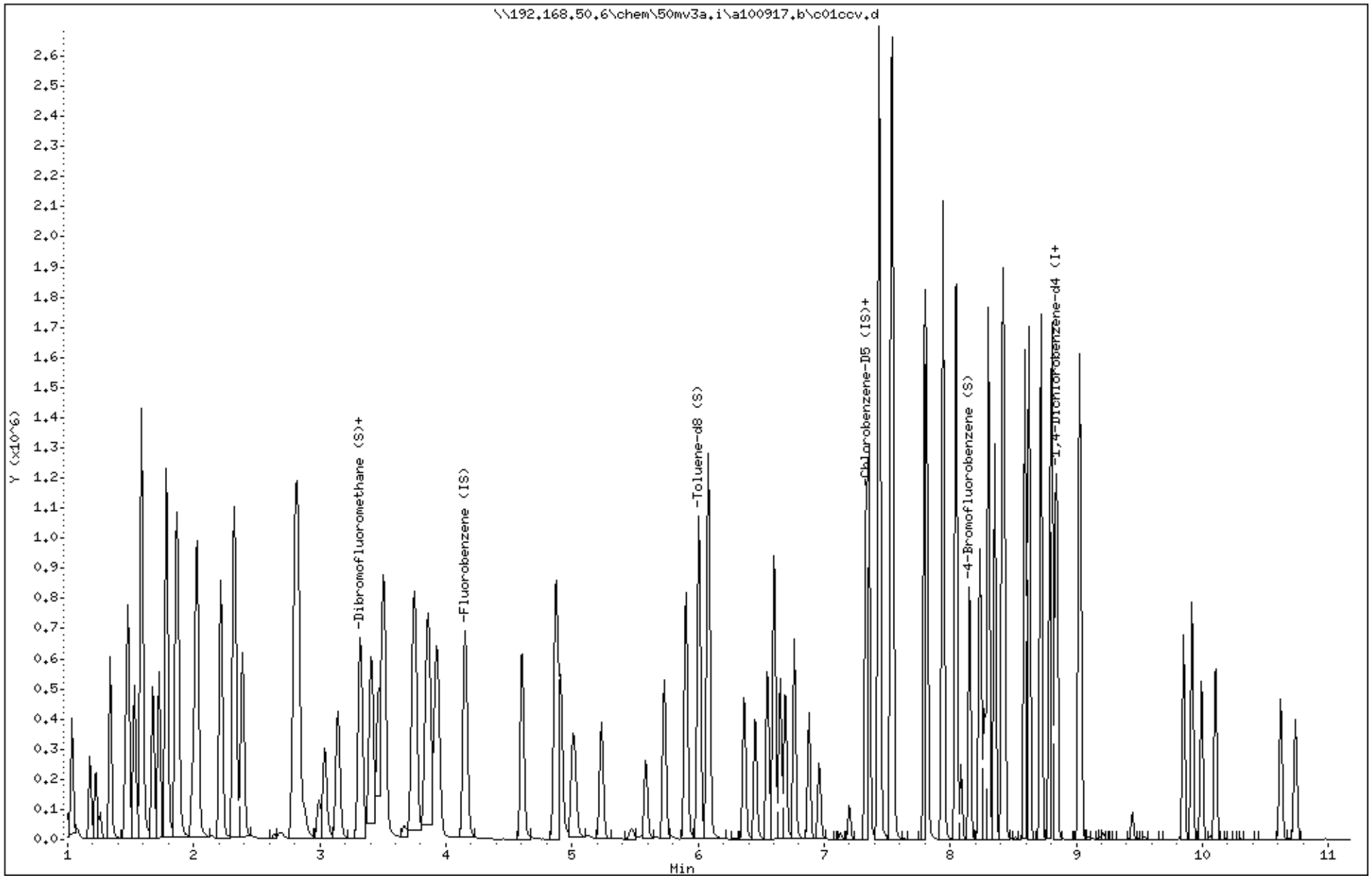
Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
1 Dichlorodifluoromethane	85	0.905	0.907	(0.218)	200659	50.0000	48.3	
2 Chloromethane	50	0.990	0.992	(0.239)	152516	50.0000	42.4	
3 Vinyl Chloride	62	1.033	1.035	(0.249)	236362	50.0000	43.8	
4 Bromomethane	94	1.177	1.179	(0.284)	117504	50.0000	58.1	
5 Chloroethane	64	1.225	1.222	(0.295)	135523	50.0000	42.6	
6 Trichlorofluoromethane	101	1.338	1.334	(0.322)	317587	50.0000	48.5	
7 Diethyl ether	74	1.460	1.462	(0.352)	103497	50.0000	44.9	
8 1,2-dichlorotrifluoroethane	67	1.476	1.478	(0.356)	253167	50.0000	42.0	
9 Acrolein	56	1.530	1.532	(0.369)	342936	1000.00	951	
10 1,1,2trichlorotrifluoroethane	101	1.583	1.585	(0.381)	221901	50.0000	44.3	
11 1,1-Dichloroethene	96	1.589	1.591	(0.383)	190445	50.0000	45.6	
12 Acetone	43	1.599	1.601	(0.385)	107848	250.000	199	
13 Iodomethane	142	1.674	1.676	(0.403)	410872	100.000	111	
14 Carbon Disulfide	76	1.722	1.724	(0.415)	550636	50.0000	41.7	
15 Methyl Acetate	43	1.765	1.767	(0.425)	80003	50.0000	51.2	
16 allyl chloride	41	1.781	1.783	(0.429)	570746	100.000	92.5	
17 Acetonitrile	39	1.781	1.783	(0.429)	366755	50.0000	41.2	
18 Methylene Chloride	84	1.856	1.858	(0.447)	191206	50.0000	46.3	
19 Acrylonitrile	53	1.989	1.991	(0.479)	131432	200.000	193	
20 Methyl-tert-butyl ether	73	2.016	2.018	(0.486)	467916	50.0000	45.5	
21 tert-Butyl Alcohol	59	1.898	1.895	(0.457)	22113	100.000	78.8	
22 1,2-Dichloroethene (trans)	96	2.032	2.029	(0.489)	214564	50.0000	48.0	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	23 n-Hexane	57	2.214	2.210	(0.533)	364691	50.0000	39.6	
	24 Vinyl Acetate	43	2.320	2.317	(0.559)	1106748	200.000	180	
	25 1,1-Dichloroethane	63	2.331	2.333	(0.561)	359786	50.0000	44.4	
	26 Chloroprene	53	2.384	2.386	(0.574)	333850	50.0000	41.9	
	27 2-Butanone	72	2.785	2.787	(0.671)	62407	250.000	258	
	28 1,2-Dichloroethene (cis)	96	2.806	2.803	(0.676)	235292	50.0000	49.8	
	29 2,2-Dichloropropane	77	2.812	2.808	(0.677)	276745	50.0000	37.7	
	30 Propionitrile	54	2.844	2.851	(0.685)	10980	50.0000	43.8	
	31 Methacrylonitrile	41	2.993	2.990	(0.721)	67278	50.0000	42.9	
	32 Bromochloromethane	49	3.036	3.033	(0.731)	128697	50.0000	44.6	
	33 Tetrahydrofuran	42	3.057	3.054	(0.736)	27698	50.0000	39.7	
	34 Chloroform	83	3.143	3.145	(0.757)	364383	50.0000	49.2	
$	35 Dibromofluoromethane (S)	113	3.319	3.316	(0.799)	171414	50.0000	45.6	
	36 1,1,1-Trichloroethane	97	3.319	3.321	(0.799)	325893	50.0000	44.5	
	37 Cyclohexane	56	3.405	3.401	(0.820)	325529	50.0000	38.3	
	38 n-Butyl chloride	56	3.469	3.465	(0.835)	445569	50.0000	42.2	
	39 Carbon Tetrachloride	117	3.506	3.503	(0.844)	289241	50.0000	46.2	
	40 1,1-Dichloropropene	75	3.511	3.508	(0.846)	296567	50.0000	46.2	
	41 Benzene	78	3.752	3.748	(0.904)	851452	50.0000	50.0	
	42 1,2-Dichloroethane	62	3.832	3.834	(0.923)	205571	50.0000	44.2	
	43 2,2,4-Trimethylpentane	57	3.928	3.930	(0.946)	810825	50.0000	44.8	
	44 Isobutyl alcohol	43	3.864	3.860	(0.931)	1082496	50.0000	52.6	
*	45 Fluorobenzene (IS)	96	4.152	4.149	(1.000)	761823	50.0000		
	46 Trichloroethene	95	4.606	4.603	(1.109)	228175	50.0000	51.6	
	47 Methylcyclohexane	55	4.873	4.870	(1.174)	286287	50.0000	42.6	
	48 1,2-Dichloropropane	63	4.905	4.907	(1.181)	202140	50.0000	49.6	
	49 Dibromomethane	93	5.007	5.003	(1.206)	88489	50.0000	50.4	
	50 1,4-Dioxane	88	5.012	5.014	(1.207)	16788	1000.00	1060	
	51 Methyl methacrylate	69	5.023	5.025	(1.210)	90450	50.0000	47.1	
	52 Bromodichloromethane	83	5.231	5.233	(1.260)	256208	50.0000	50.0	
	53 2-Chloroethyl vinyl ether	63	5.584	5.586	(0.761)	110639	100.000	119	
	54 cis-1,3-Dichloropropene	75	5.728	5.730	(0.781)	299265	50.0000	49.4	
	55 4-Methyl-2-Pentanone	43	5.904	5.901	(0.805)	506710	250.000	229	
$	56 Toluene-d8 (S)	98	6.006	6.008	(0.819)	684164	50.0000	49.4	
	57 Toluene	91	6.080	6.077	(0.829)	897305	50.0000	51.5	
	58 trans-1,3-Dichloropropene	75	6.364	6.365	(0.867)	231438	50.0000	48.2	
	59 Ethyl Methacrylate	69	6.449	6.451	(0.879)	180836	50.0000	49.4	
	60 1,1,2-Trichloroethane	83	6.551	6.552	(0.893)	111934	50.0000	50.6	
	61 Tetrachloroethene	166	6.604	6.606	(0.900)	240347	50.0000	54.1	
	62 1,3-Dichloropropane	76	6.695	6.691	(0.913)	233610	50.0000	53.8	
	63 2-Hexanone	43	6.764	6.761	(0.922)	320893	250.000	244	
	64 Dibromochloromethane	129	6.876	6.878	(0.937)	170671	50.0000	55.3	
	65 1,2-Dibromoethane	107	6.962	6.964	(0.949)	126871	50.0000	54.3	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.332	(1.000)	461122	50.0000		
	67 Chlorobenzene	112	7.357	7.354	(1.003)	509850	50.0000	55.6	
	68 1,1,1,2-Tetrachloroethane	131	7.432	7.434	(1.013)	188016	50.0000	55.1	
	69 Ethylbenzene	106	7.437	7.439	(1.014)	302354	50.0000	50.5	
	70 m&p-Xylene	106	7.539	7.540	(1.028)	711233	100.000	103	
	71 o-Xylene	106	7.800	7.797	(1.063)	319294	50.0000	51.7	
	72 Styrene	104	7.816	7.813	(1.066)	519642	50.0000	47.7	
	73 Bromoform	173	7.934	7.936	(0.898)	87351	50.0000	56.4	
	74 Isopropylbenzene	105	8.046	8.043	(1.097)	857708	50.0000	53.8	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.155	(1.111)	187307	50.0000	49.4	
	76 Bromobenzene	77	8.233	8.235	(1.122)	246204	50.0000	50.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	1,1,2,2-Tetrachloroethane	83	8.249	8.246	(0.934)	123913	50.0000	52.7	
78	trans-1,4-Dichloro-2-butene	53	8.265	8.267	(1.127)	22351	50.0000	41.9	
79	1,2,3-Trichloropropane	110	8.276	8.278	(0.937)	38594	50.0000	55.3	
80	n-Propylbenzene	91	8.302	8.304	(0.940)	880406	50.0000	49.7	
81	2-Chlorotoluene	91	8.350	8.352	(0.946)	492186	50.0000	48.7	
82	1,3,5-Trimethylbenzene	105	8.415	8.411	(0.953)	601341	50.0000	50.2	
83	4-Chlorotoluene	126	8.425	8.427	(0.954)	170399	50.0000	54.1	
84	tert-Butylbenzene	119	8.591	8.593	(0.973)	679890	50.0000	50.0	
85	1,2,4-Trimethylbenzene	105	8.628	8.630	(0.977)	572624	50.0000	50.2	
86	sec-Butylbenzene	105	8.719	8.721	(0.987)	749703	50.0000	49.7	
87	1,3-Dichlorobenzene	146	8.788	8.785	(0.995)	283535	50.0000	52.9	
88	p-Isopropyltoluene	119	8.804	8.806	(0.997)	606170	50.0000	50.5	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.833	(1.000)	163291	50.0000		
90	1,4-Dichlorobenzene	146	8.847	8.849	(1.002)	279297	50.0000	52.7	
91	n-Butylbenzene	91	9.023	9.025	(1.022)	491558	50.0000	47.5	
92	1,2-Dichlorobenzene	146	9.034	9.036	(1.023)	240034	50.0000	54.0	
93	1,2,4-Trichlorobenzene	180	9.851	9.853	(1.115)	153460	50.0000	50.0	
94	1,2-Dibromo-3-chloropropane	155	9.445	9.447	(1.070)	13977	50.0000	50.5	
95	Hexachlorobutadiene	225	9.915	9.917	(1.123)	105845	50.0000	51.9	
96	Naphthalene	128	9.990	9.992	(1.131)	310290	50.0000	49.6	
97	1,2,3-Trichlorobenzene	180	10.108	10.110	(1.145)	145178	50.0000	51.2	
98	2,methyl-naphthalene	142	10.620	10.622	(1.203)	198017	50.0000	50.3	
99	1-Methylnaphthalene	142	10.738	10.740	(1.216)	176618	50.0000	55.1	

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c01ccv.d
Date : 09-OCT-2017 23:01
Client ID: 8260-CCV
Instrument: 50mv3a.i
Sample Info: 8260-CCV,160056:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Injection Date: 09-OCT-2017 23:01
Instrument: 50mv3a.i
Lab Sample ID: 8260-CCV,160056:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d
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Inj Date : 23-AUG-2017 17:36
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-icv,156501:0
Misc Info : 105904
Comment   :
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Meth Date : 24-Aug-2017 14:08 rwrede Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 22 QC Sample: ICV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.916	0.916	(0.220)	110506	58.4105	58.4	
2	Chloromethane	50	0.996	0.997	(0.239)	117176	50.8885	50.9	
3	Vinyl Chloride	62	1.044	1.045	(0.251)	122191	52.0782	52.1	
4	Bromomethane	94	1.188	1.183	(0.285)	51391	50.3064	50.3	
5	Chloroethane	64	1.236	1.232	(0.297)	69361	47.5058	47.5	
6	Trichlorofluoromethane	101	1.348	1.349	(0.324)	133764	51.6419	51.6	
7	Diethyl ether	74	1.471	1.472	(0.353)	33826	47.7072	47.7	
8	1,2-dichlorotrifluoroethane	67	1.487	1.488	(0.357)	96936	42.4237	42.4	
9	Acrolein	56	1.541	1.541	(0.370)	152761	1236.27	1240	
10	1,1,2trichlorotrifluoroethane	101	1.600	1.595	(0.384)	86472	46.4160	46.4	
11	1,1-Dichloroethene	96	1.600	1.600	(0.384)	69383	46.6714	46.7	
12	Acetone	43	1.610	1.611	(0.387)	48701	216.658	217	
13	Iodomethane	142	1.690	1.686	(0.406)	170025	101.301	101	
14	Carbon Disulfide	76	1.738	1.734	(0.418)	247410	46.2748	46.3	
15	Methyl Acetate	43	1.781	1.777	(0.428)	52812	88.4613	88.5(R)	
16	allyl chloride	41	1.797	1.792	(0.432)	246316	106.417	106	
17	Acetonitrile	39	1.797	1.792	(0.432)	179384	51.8623	51.9	
18	Methylene Chloride	84	1.872	1.868	(0.450)	69673	50.2235	50.2	
19	tert-Butyl Alcohol	59	1.909	1.910	(0.459)	8783	92.8637	92.9(Q)	
20	Acrylonitrile	53	2.000	2.001	(0.480)	47348	185.497	185	
21	Methyl-tert-butyl ether	73	2.032	2.033	(0.488)	150579	46.6541	46.6	
22	1,2-Dichloroethene (trans)	96	2.043	2.043	(0.491)	76265	46.6243	46.6	
23	n-Hexane	57	2.224	2.225	(0.534)	146361	46.2872	46.3	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.331	2.332	(0.560)	397927	204.799	205	
	25 1,1-Dichloroethane	63	2.347	2.342	(0.564)	135235	47.2971	47.3	
	26 Chloroprene	53	2.401	2.401	(0.577)	128290	45.7768	45.8	
	27 2-Butanone	72	2.801	2.802	(0.673)	18614	257.723	258(Q)	
	28 1,2-Dichloroethene (cis)	96	2.817	2.818	(0.677)	75731	44.0692	44.1(Q)	
	29 2,2-Dichloropropane	77	2.823	2.823	(0.678)	123912	46.7752	46.8	
	30 Propionitrile	54	2.865	2.855	(0.688)	4291	45.2026	45.2(QM)	NI
	31 Methacrylonitrile	41	3.004	3.005	(0.722)	98478	219.790	220	
	32 Bromochloromethane	49	3.047	3.048	(0.732)	52084	51.4007	51.4	
	33 Tetrahydrofuran	42	3.074	3.069	(0.738)	9648	43.8730	43.9	
	34 Chloroform	83	3.159	3.160	(0.759)	125283	45.5719	45.6	
$	35 Dibromofluoromethane (S)	113	3.330	3.336	(0.800)	58125	48.0529	48.0	
	36 1,1,1-Trichloroethane	97	3.335	3.336	(0.801)	124179	44.7514	44.8	
	37 Cyclohexane	56	3.421	3.422	(0.822)	154935	46.9288	46.9	
	151 n-Butyl chloride	56	3.480	3.480	(0.836)	173073	48.1297	48.1	
	38 Carbon Tetrachloride	117	3.517	3.518	(0.845)	112787	47.4566	47.4	
	39 1,1-Dichloropropene	75	3.528	3.523	(0.847)	115530	48.0102	48.0	
	40 Benzene	78	3.763	3.763	(0.904)	294196	48.0193	48.0	
	41 1,2-Dichloroethane	62	3.848	3.849	(0.924)	74947	47.8560	47.8	
	42 Isobutyl alcohol	43	3.880	3.881	(0.932)	408717	62.3657	62.4	
	43 2,2,4-Trimethylpentane	57	3.944	3.945	(0.947)	354296	49.3448	49.3	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	251176	50.0000		
	45 Trichloroethene	95	4.617	4.612	(1.109)	75315	44.5227	44.5	
	46 Methylcyclohexane	55	4.884	4.885	(1.173)	126408	46.0471	46.0	
	47 1,2-Dichloropropane	63	4.922	4.917	(1.182)	69842	48.2680	48.3	
	48 Methyl methacrylate	69	5.039	5.034	(1.210)	29373	51.3520	51.4	
	49 Dibromomethane	93	5.018	5.013	(1.205)	29541	47.9601	48.0	
	50 1,4-Dioxane	88	5.023	5.024	(1.207)	7459	924.032	924	
	51 Bromodichloromethane	83	5.242	5.243	(1.259)	86940	47.9100	47.9	
	52 2-Chloroethyl vinyl ether	63	5.595	5.595	(0.763)	18144	53.7517	53.8	
	53 cis-1,3-Dichloropropene	75	5.739	5.739	(0.782)	106617	51.2313	51.2	
	54 4-Methyl-2-Pentanone	43	5.910	5.910	(0.806)	174135	247.313	247	
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	247199	51.0605	51.1	
	56 Toluene	91	6.086	6.087	(0.830)	325225	46.9381	46.9	
	57 trans-1,3-Dichloropropene	75	6.374	6.370	(0.869)	85532	51.7343	51.7	
	58 Ethyl Methacrylate	69	6.455	6.455	(0.880)	240717	194.203	194	
	59 1,1,2-Trichloroethane	83	6.556	6.557	(0.894)	37309	46.2807	46.3	
	60 Tetrachloroethene	166	6.609	6.610	(0.901)	82508	45.8286	45.8	
	61 1,3-Dichloropropane	76	6.700	6.695	(0.913)	78499	51.1987	51.2	
	62 2-Hexanone	43	6.764	6.765	(0.922)	116813	256.103	256	
	63 Dibromochloromethane	129	6.882	6.882	(0.938)	57577	51.3326	51.3	
	64 1,2-Dibromoethane	107	6.967	6.968	(0.950)	41777	48.4219	48.4	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	183409	50.0000		
	66 Chlorobenzene	112	7.357	7.358	(1.003)	196691	47.8472	47.8	
	67 1,1,1,2-Tetrachloroethane	131	7.437	7.438	(1.014)	67944	48.7047	48.7	
	68 Ethylbenzene	106	7.443	7.443	(1.015)	125648	44.7948	44.8	
	69 m&p-Xylene	106	7.539	7.545	(1.028)	305117	89.9341	89.9	
	70 o-Xylene	106	7.800	7.801	(1.063)	142108	45.8499	45.8	
	71 Styrene	104	7.817	7.817	(1.066)	237252	45.1645	45.2	
	72 Bromoform	173	7.934	7.935	(0.898)	31427	49.0819	49.1	
	73 Isopropylbenzene	105	8.046	8.047	(1.097)	418642	47.6750	47.7	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.159	(1.112)	92044	50.6023	50.6	
	75 Bromobenzene	77	8.238	8.239	(1.123)	124989	46.8917	46.9	
	76 1,1,2,2-Tetrachloroethane	83	8.249	8.250	(0.934)	48200	45.0502	45.0	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.271	8.271	(1.127)	46629	180.594	180(Q)	
78	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	15320	48.9558	49.0(Q)	
79	n-Propylbenzene	91	8.303	8.308	(0.940)	486010	46.9076	46.9	
80	2-Chlorotoluene	91	8.356	8.357	(0.946)	262328	44.8152	44.8	
81	1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	327060	45.2153	45.2	
82	4-Chlorotoluene	126	8.431	8.431	(0.955)	91924	48.6533	48.6	
83	tert-Butylbenzene	119	8.596	8.597	(0.973)	314572	37.4733	37.5	
84	1,2,4-Trimethylbenzene	105	8.628	8.629	(0.977)	330559	44.9629	45.0	
85	sec-Butylbenzene	105	8.719	8.725	(0.987)	480839	46.5161	46.5	
86	1,3-Dichlorobenzene	146	8.789	8.789	(0.995)	170672	48.1610	48.2	
87	p-Isopropyltoluene	119	8.805	8.811	(0.997)	383012	45.6928	45.7	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.837	(1.000)	94629	50.0000		
89	1,4-Dichlorobenzene	146	8.847	8.848	(1.002)	167371	46.3200	46.3	
90	n-Butylbenzene	91	9.024	9.024	(1.022)	355038	45.5581	45.6	
91	1,2-Dichlorobenzene	146	9.040	9.040	(1.024)	150856	50.0635	50.1	
92	1,2-Dibromo-3-chloropropane	155	9.446	9.451	(1.070)	8014	48.2195	48.2	
93	1,2,4-Trichlorobenzene	180	9.857	9.857	(1.116)	106209	46.8336	46.8	
94	Hexachlorobutadiene	225	9.921	9.921	(1.123)	80982	47.7362	47.7	
95	Naphthalene	128	9.996	9.996	(1.132)	180729	46.7743	46.8	
96	1,2,3-Trichlorobenzene	180	10.113	10.114	(1.145)	90955	48.0290	48.0	
97	2,methyl-naphthalene	142	10.626	10.626	(1.203)	114150	51.7453	51.7	
98	1-Methylnaphthalene	142	10.743	10.744	(1.216)	93939	54.9837	55.0	
99	Isopropyl Acetate	61	3.875	3.881	(0.931)	73378	279.926	280	
101	n-amyl Acetate	70	7.945	7.945	(1.908)	123688	43.2546	43.2	

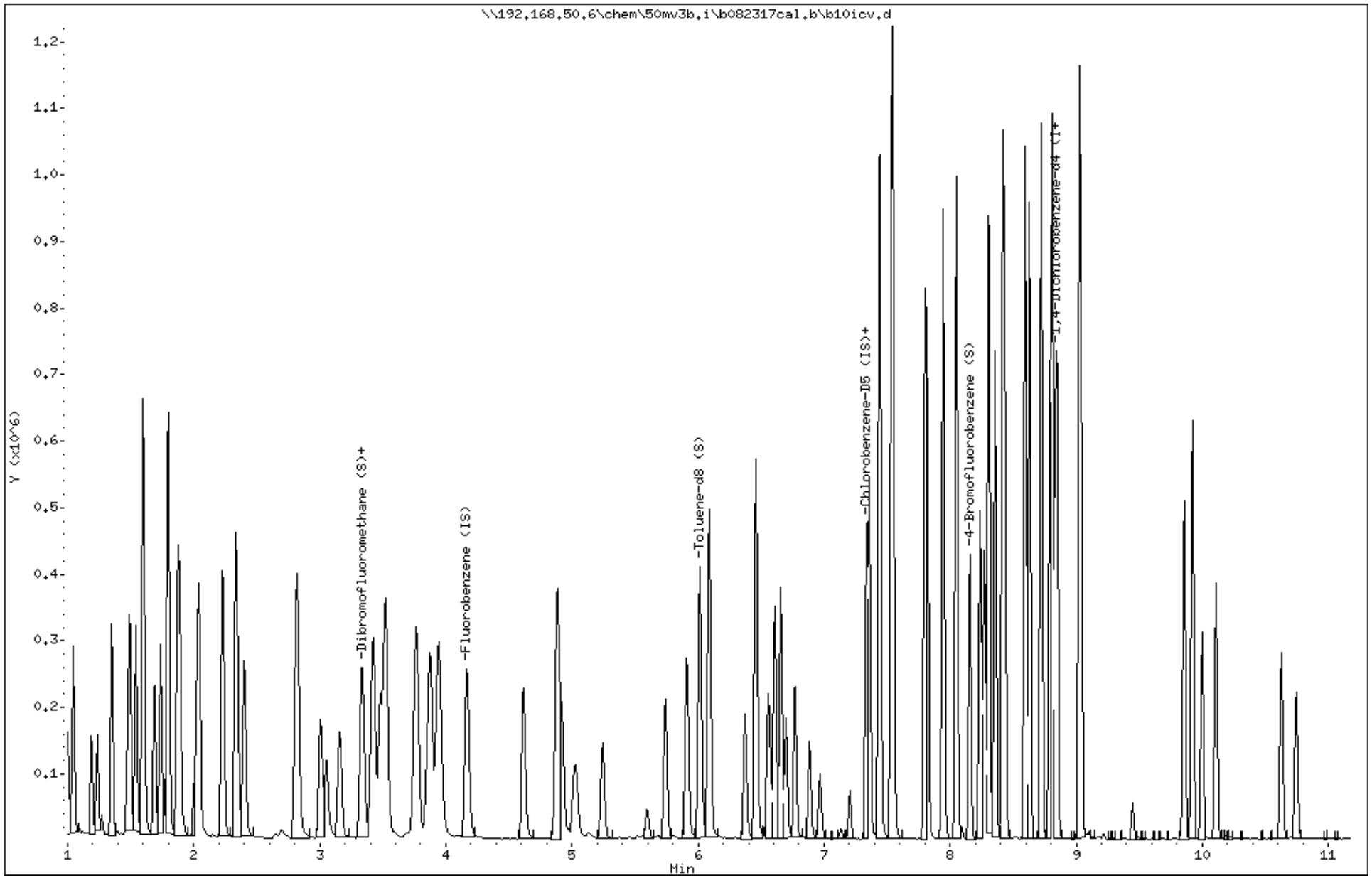
QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Review Codes Legend

:
NI: Indicates that the peak was not integrated at all by the computer software.

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d
Date : 23-AUG-2017 17:36
Client ID: 8260-ICV
Instrument: 50mv3b.i
Sample Info: 8260-ICV,156501:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

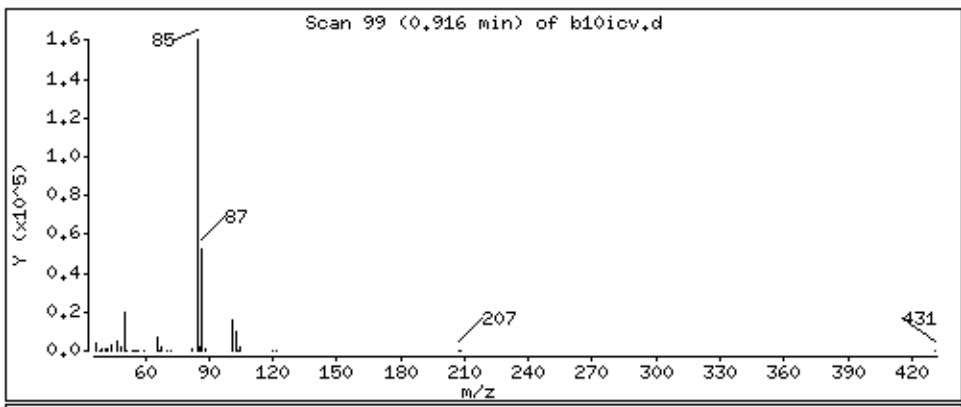
Column phase: DB-624

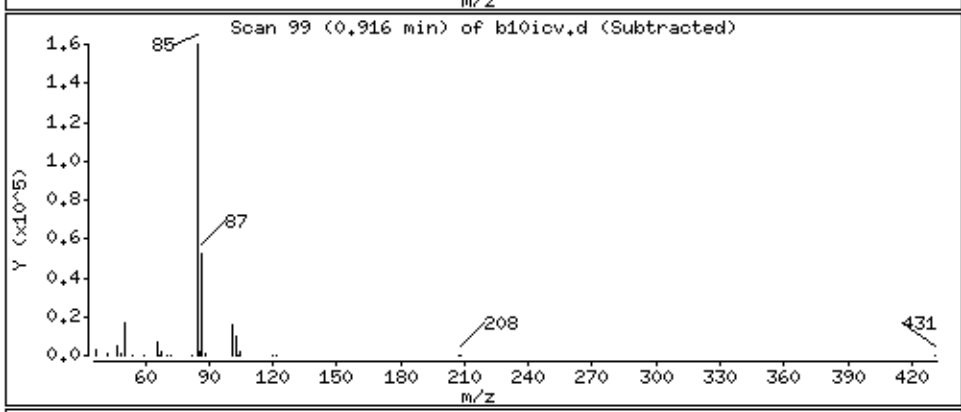
Column diameter: 0.18

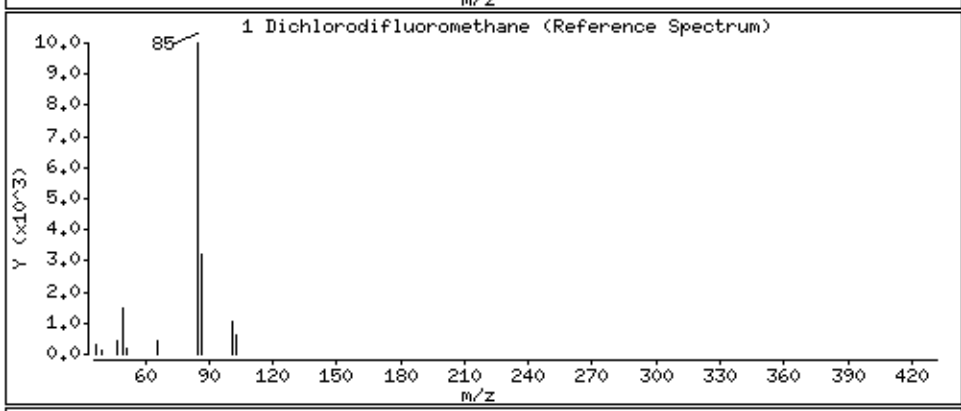
1 Dichlorodifluoromethane

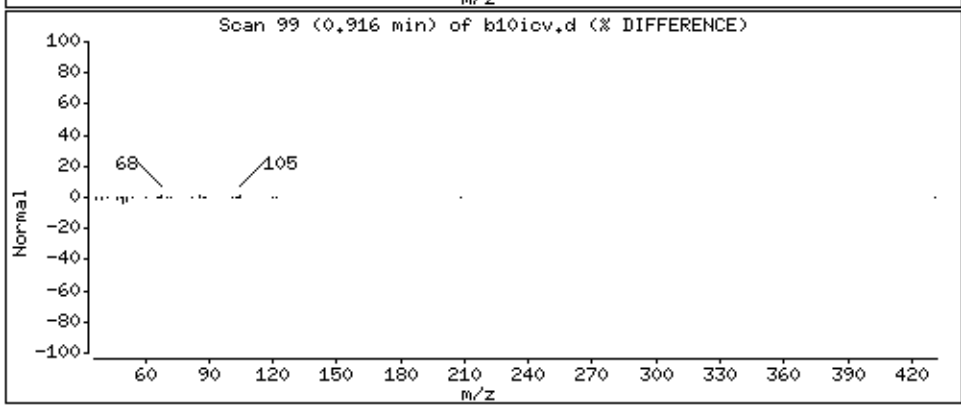
Concentration: 58.4 ppb

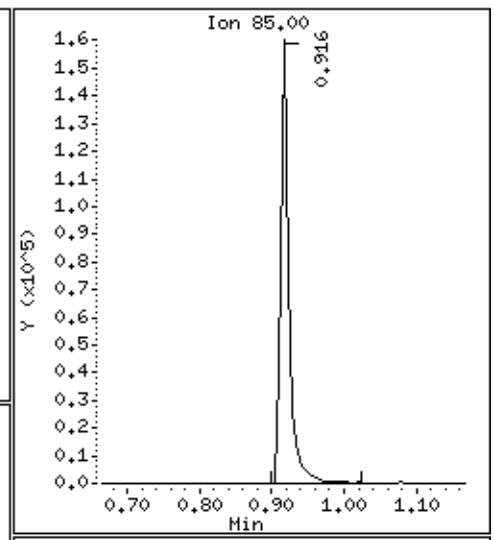
Review Code:

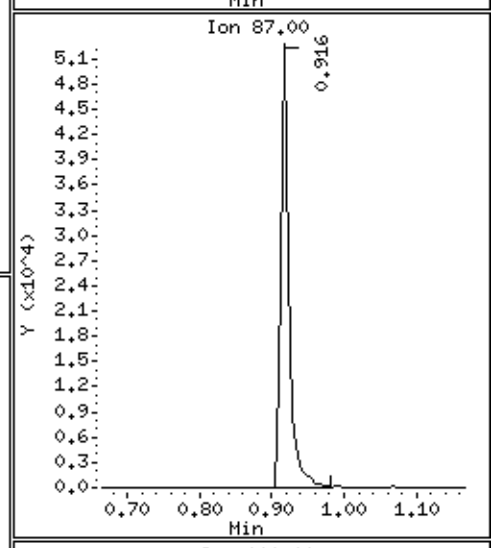


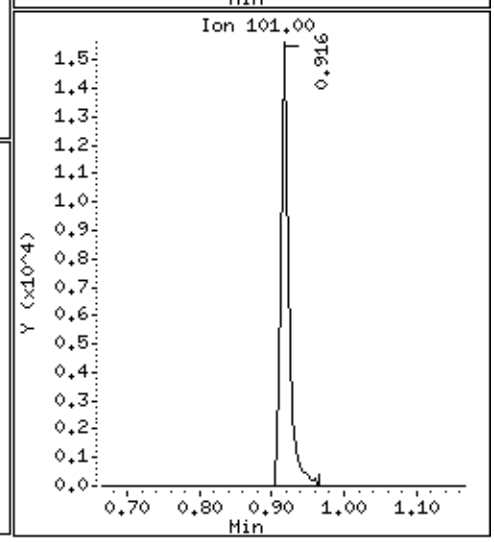












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

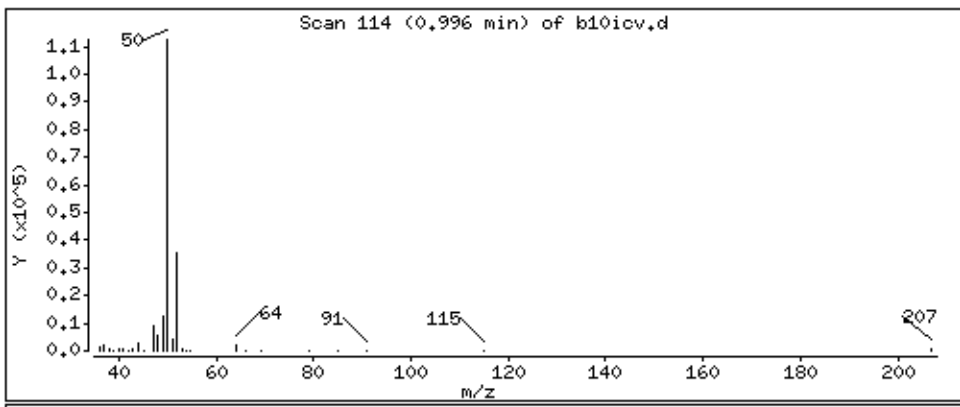
Column phase: DB-624

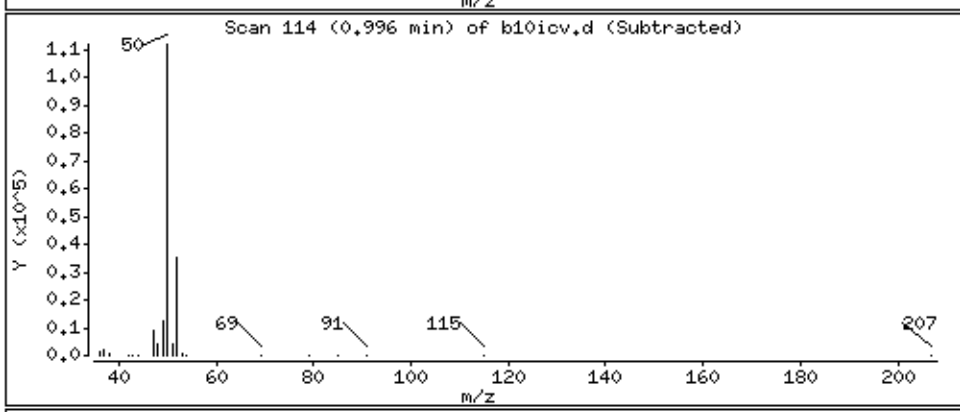
Column diameter: 0.18

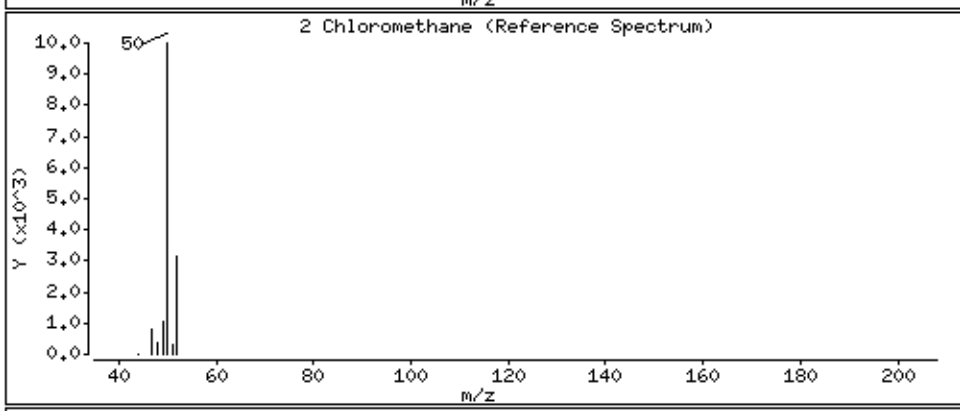
2 Chloromethane

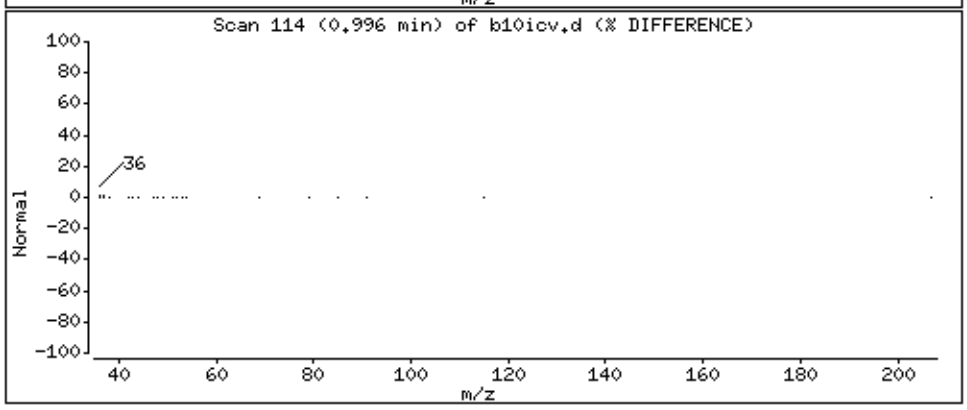
Concentration: 50.9 ppb

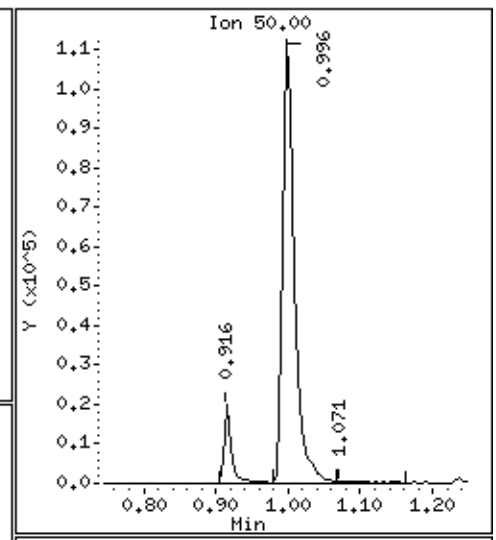
Review Code:

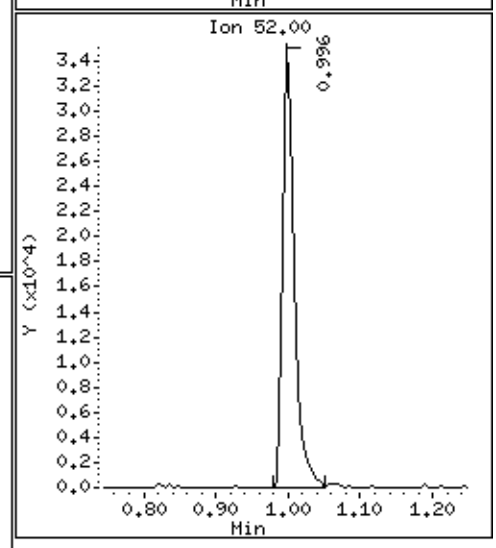












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

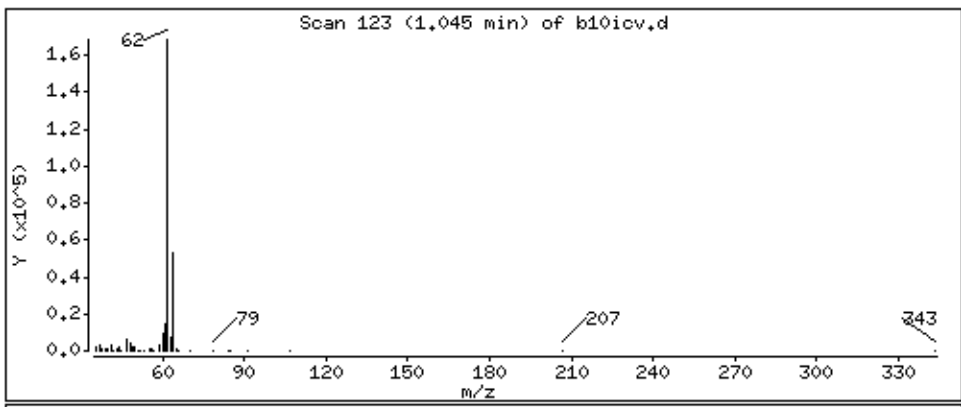
Column phase: DB-624

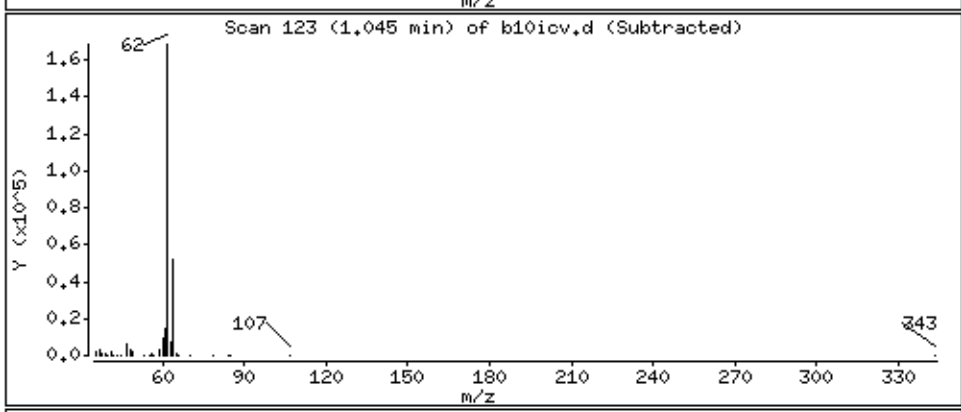
Column diameter: 0.18

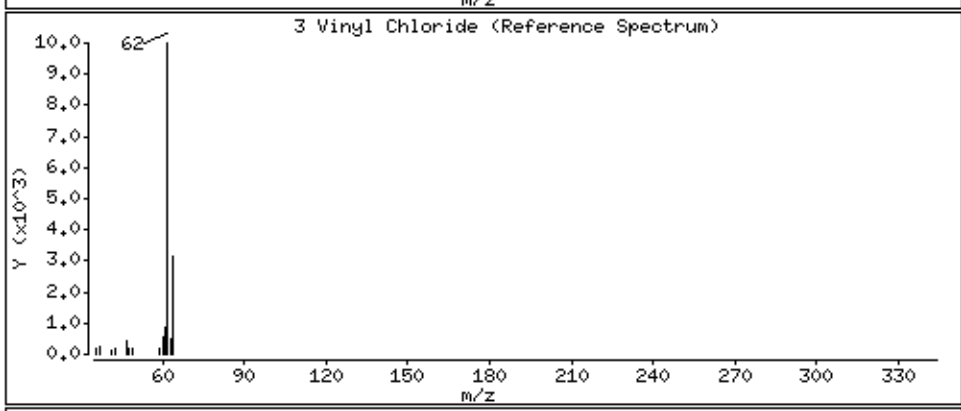
3 Vinyl Chloride

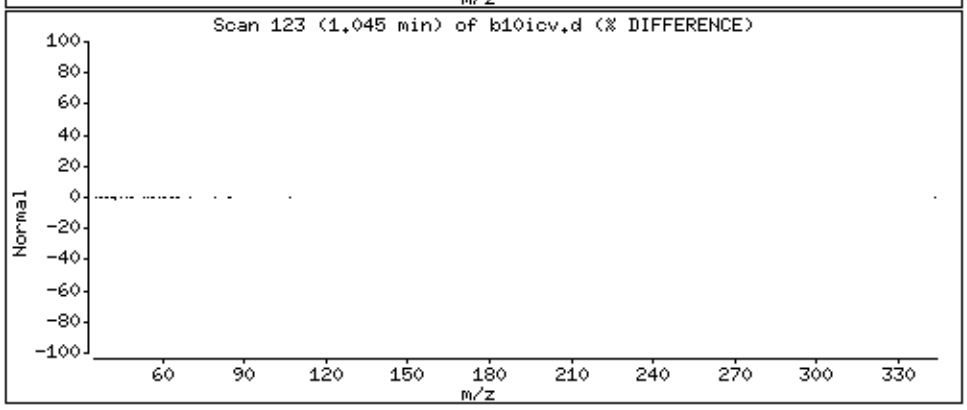
Concentration: 52.1 ppb

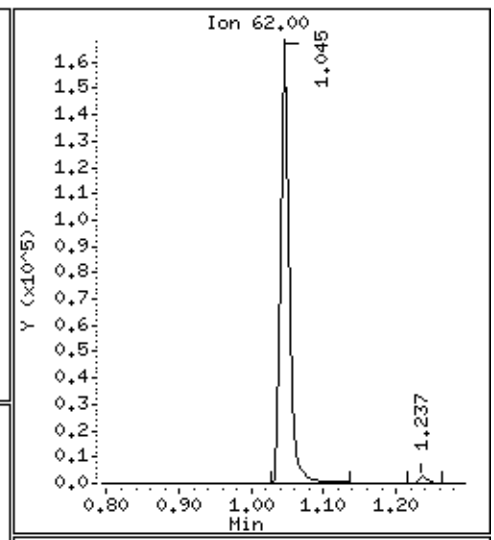
Review Code:

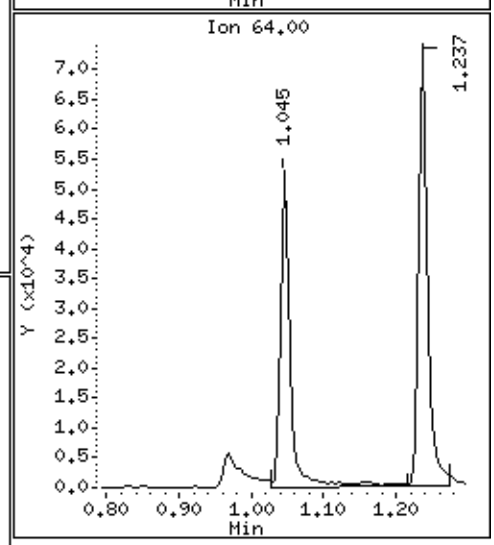












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

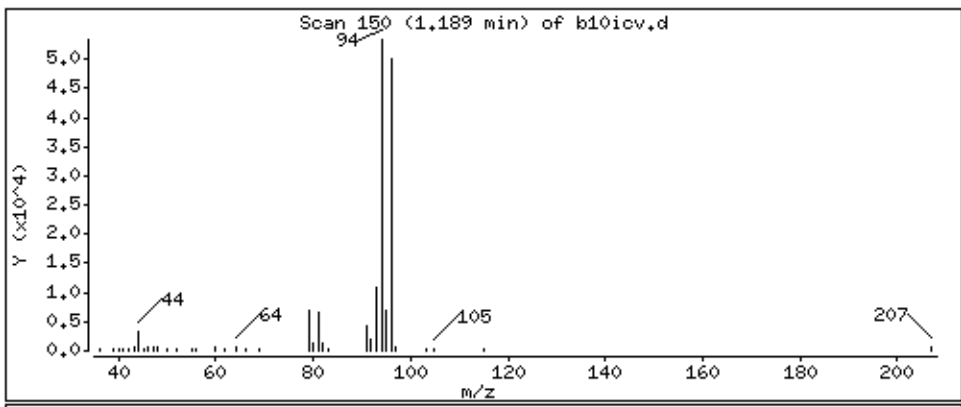
Column phase: DB-624

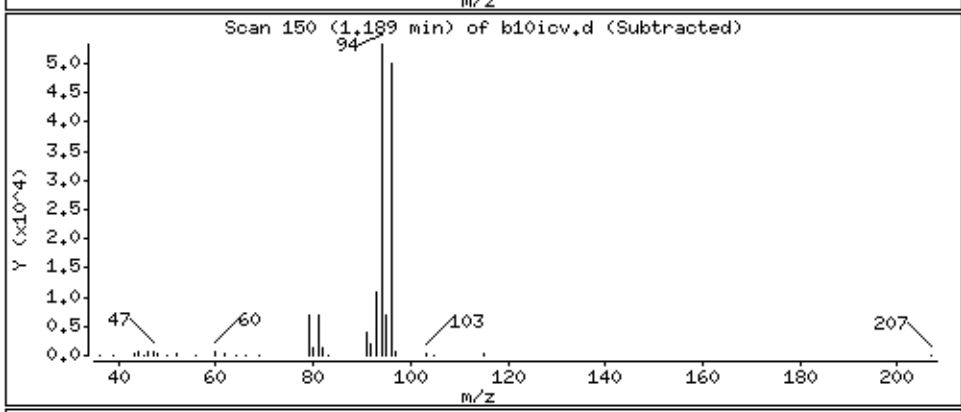
Column diameter: 0.18

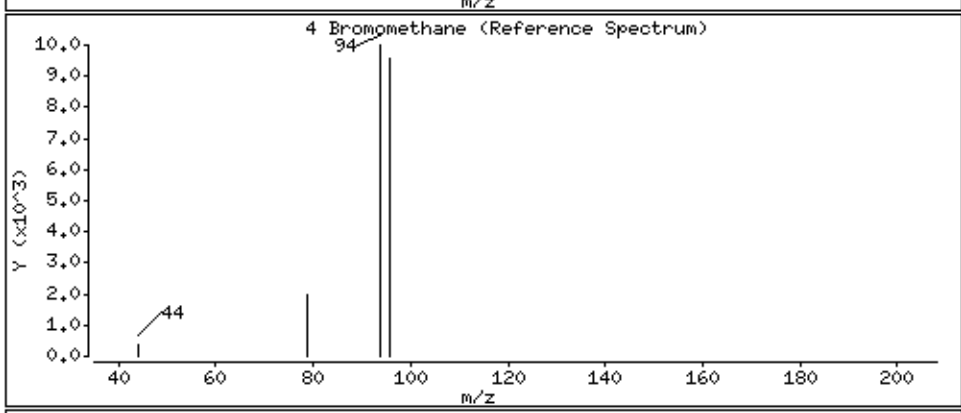
4 Bromomethane

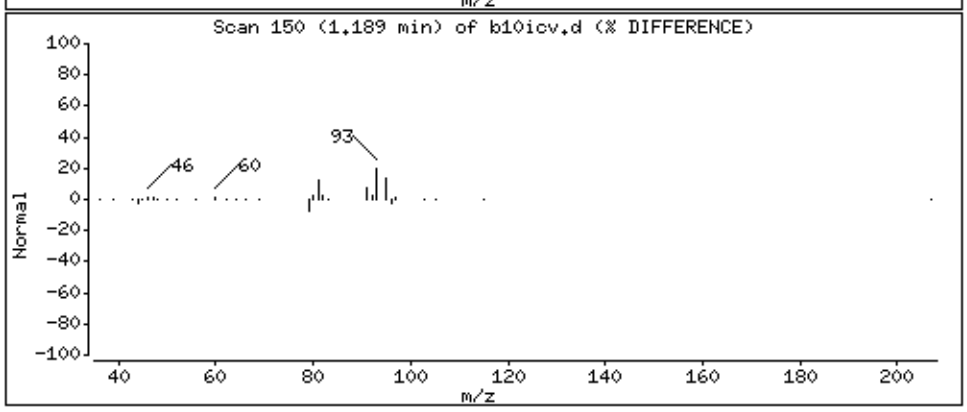
Concentration: 50.3 ppb

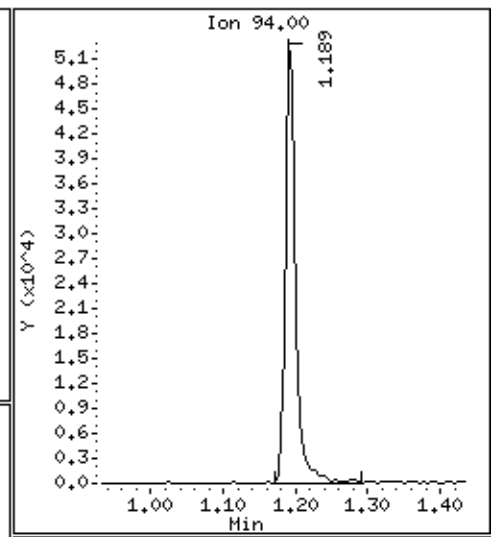
Review Code:

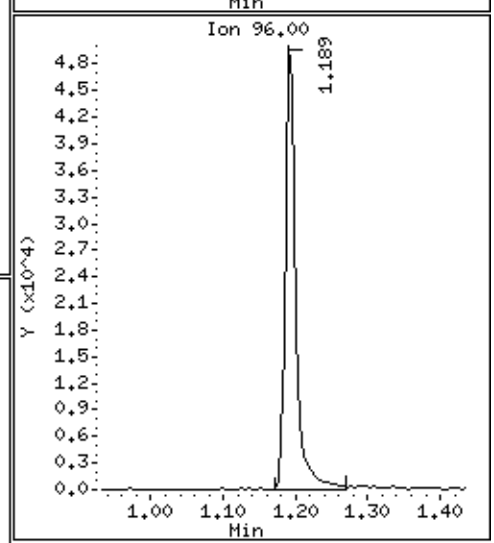












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

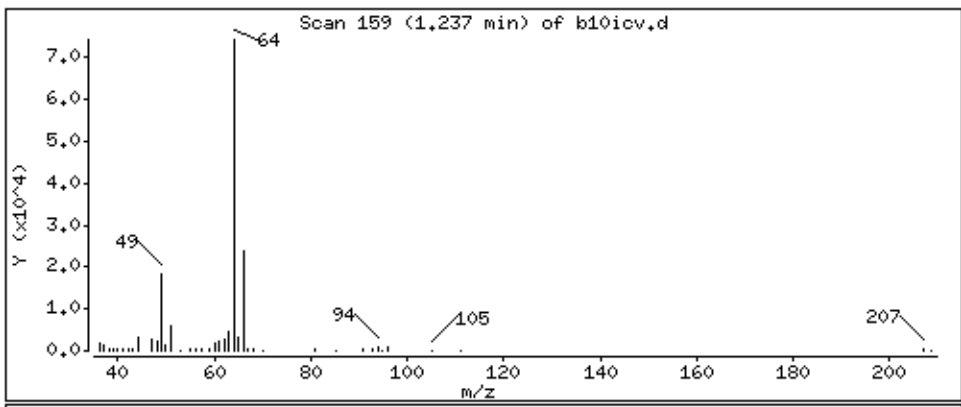
Column phase: DB-624

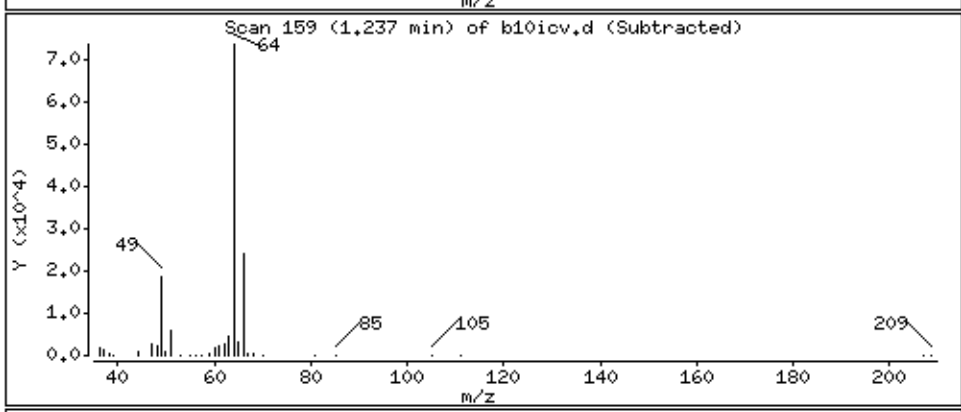
Column diameter: 0.18

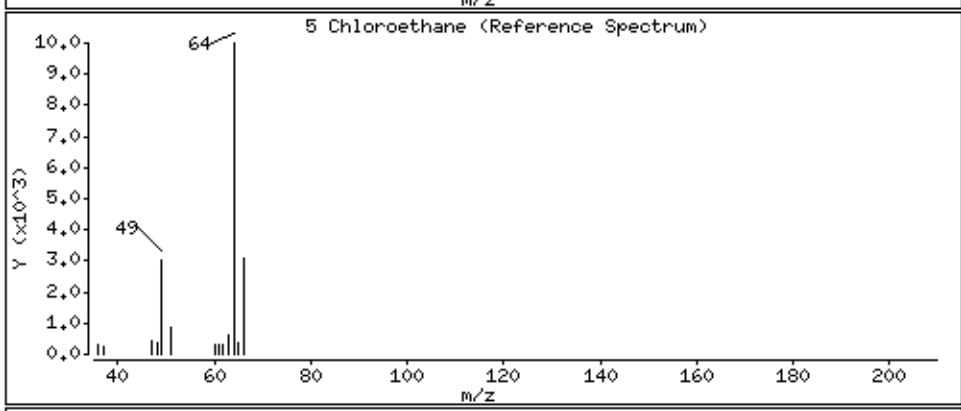
5 Chloroethane

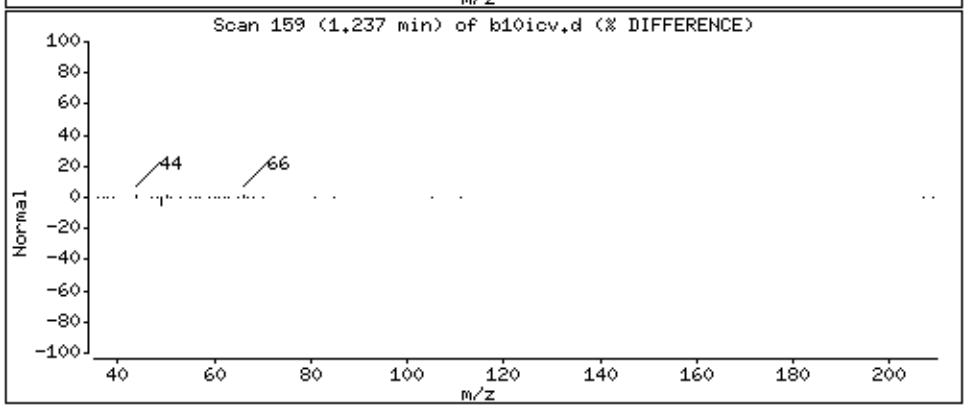
Concentration: 47.5 ppb

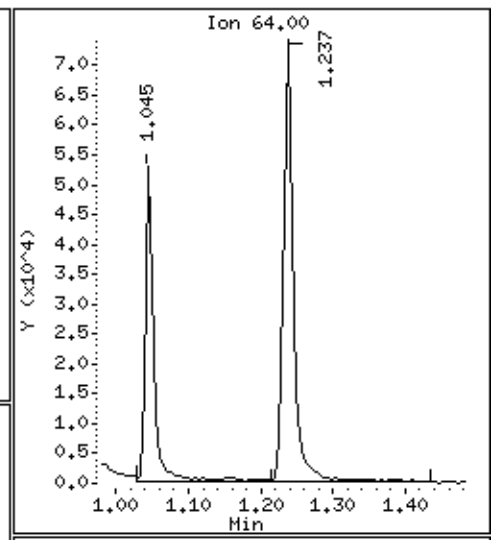
Review Code:

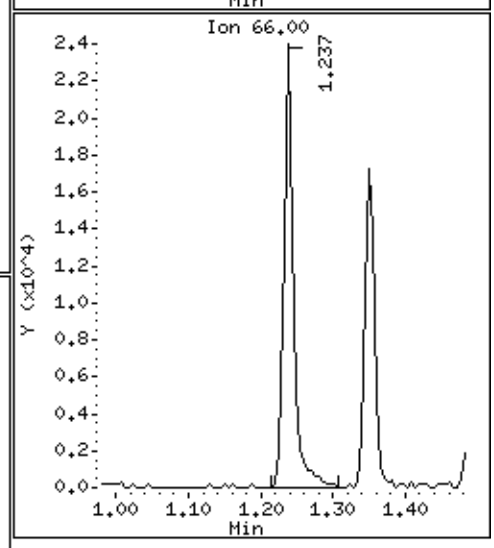












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

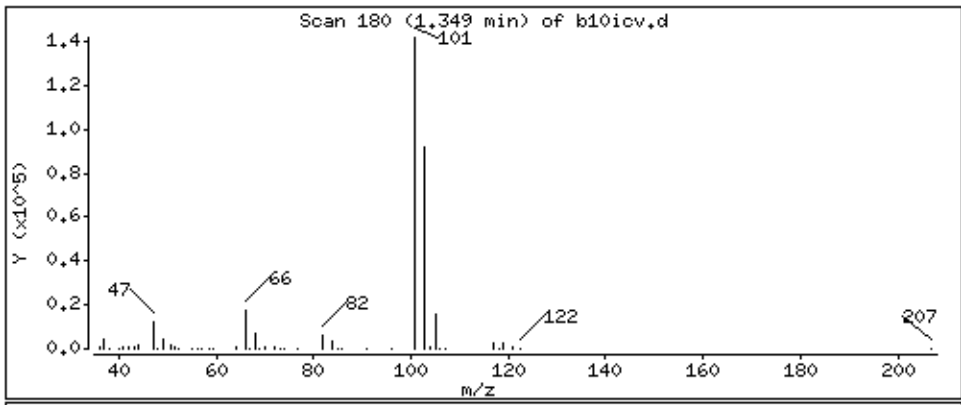
Column phase: DB-624

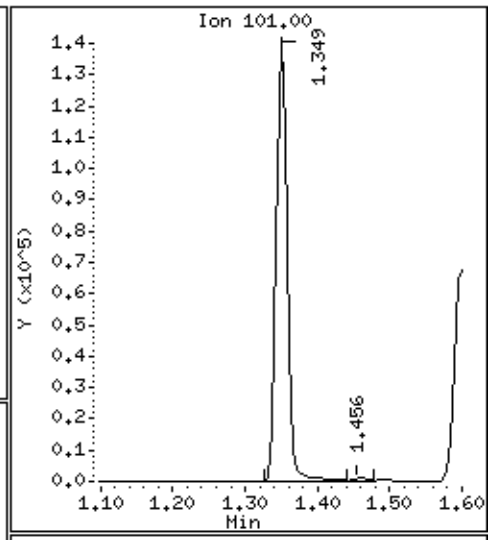
Column diameter: 0.18

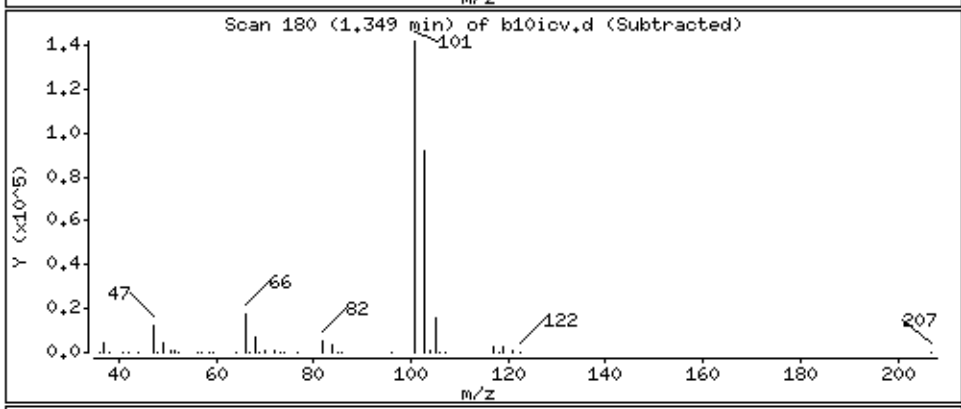
6 Trichlorofluoromethane

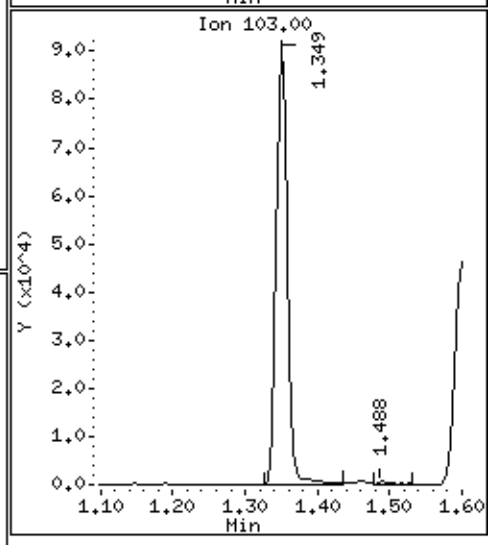
Concentration: 51.6 ppb

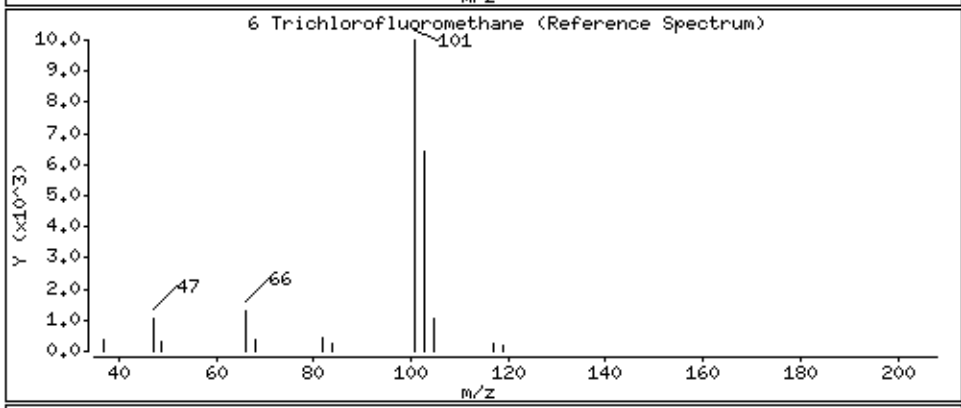
Review Code:

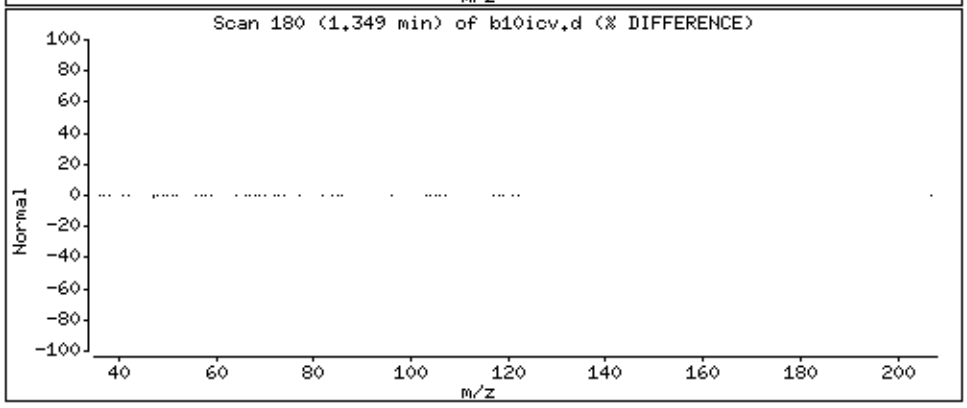












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

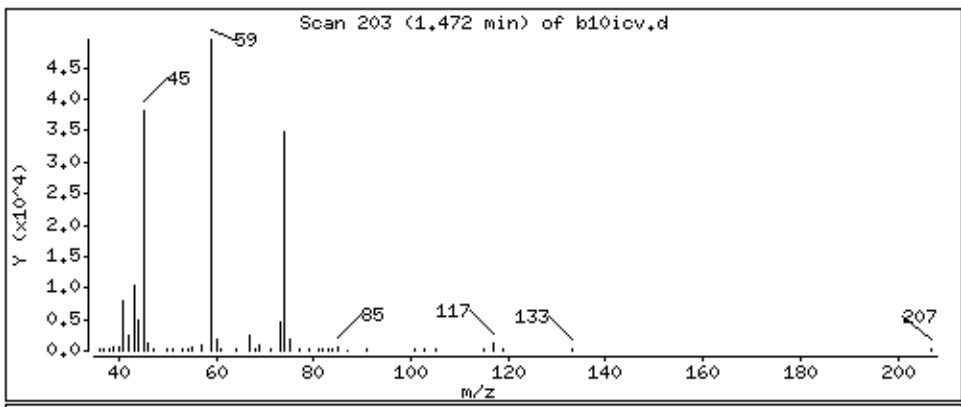
Column phase: DB-624

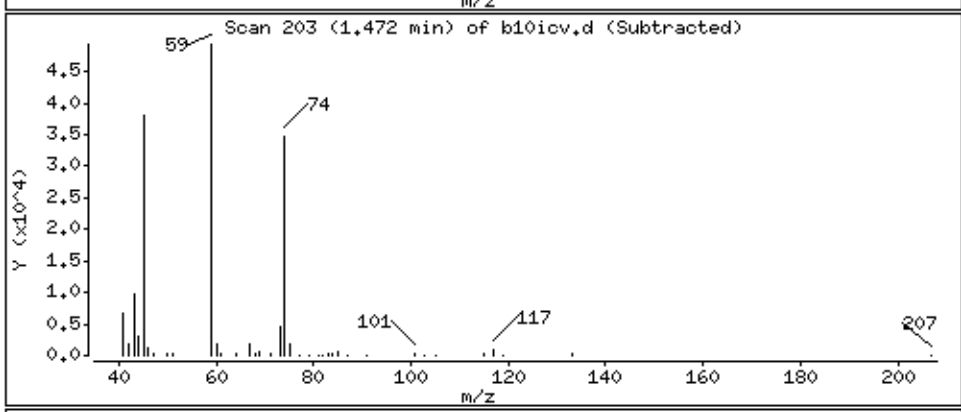
Column diameter: 0.18

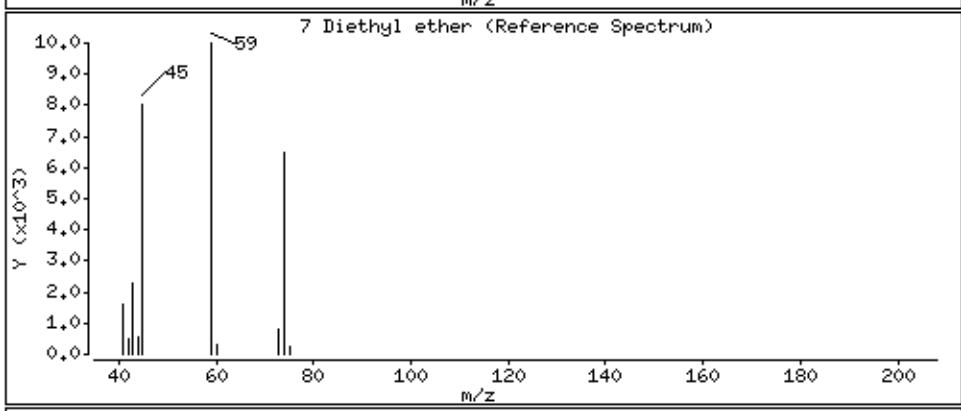
7 Diethyl ether

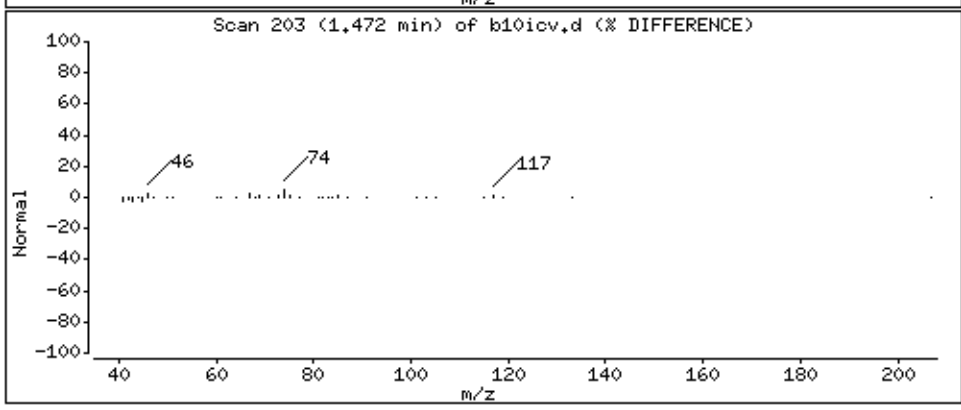
Concentration: 47.7 ppb

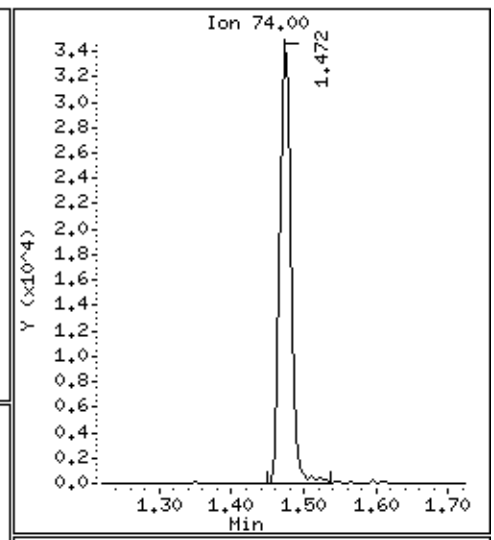
Review Code:

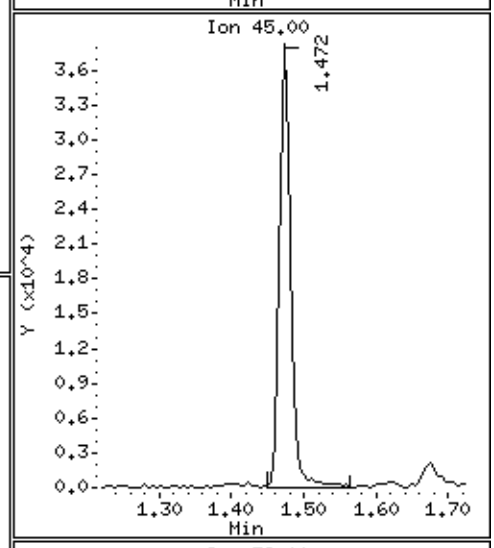


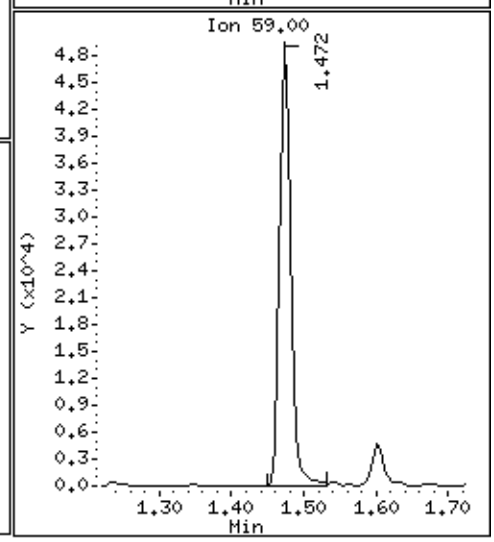












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Page 12

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

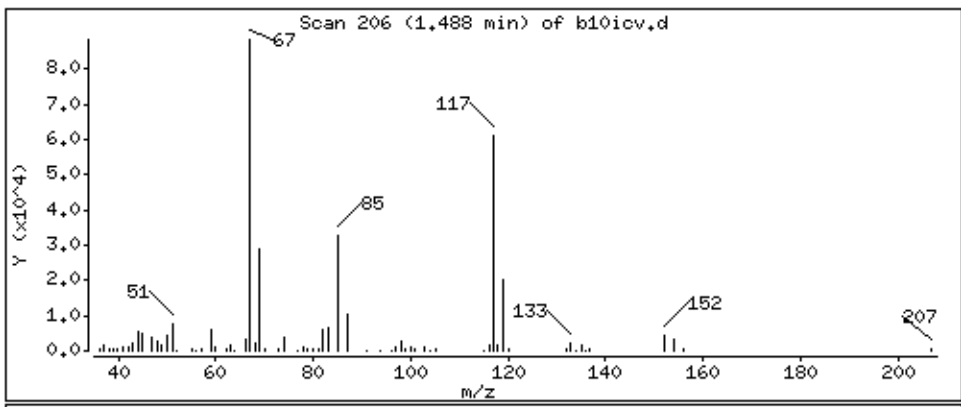
Column phase: DB-624

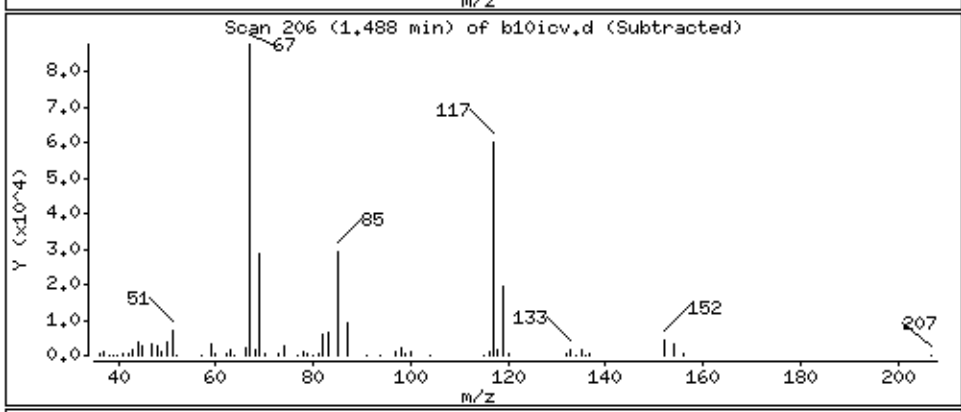
Column diameter: 0.18

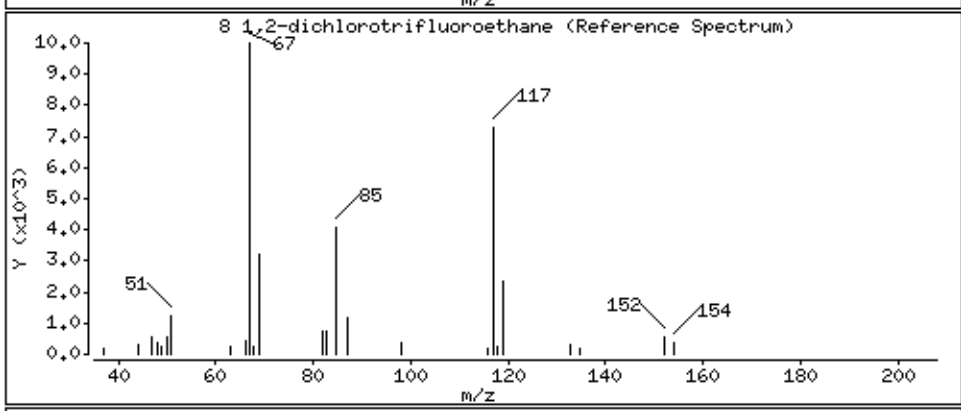
8 1,2-dichlorotrifluoroethane

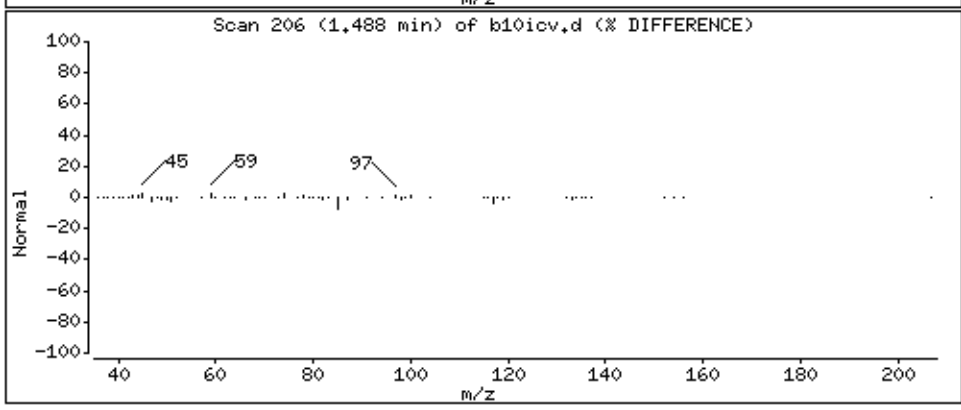
Concentration: 42.4 ppb

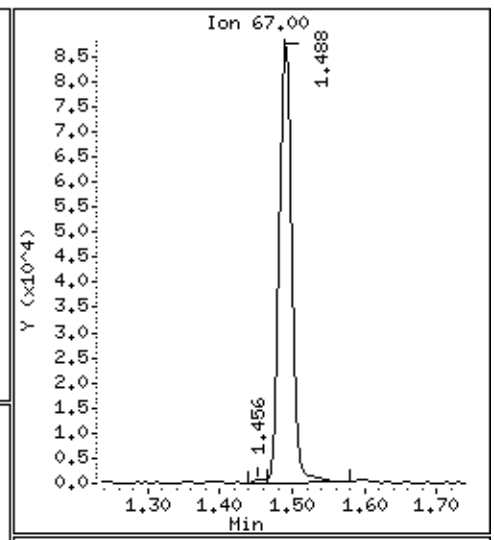
Review Code:

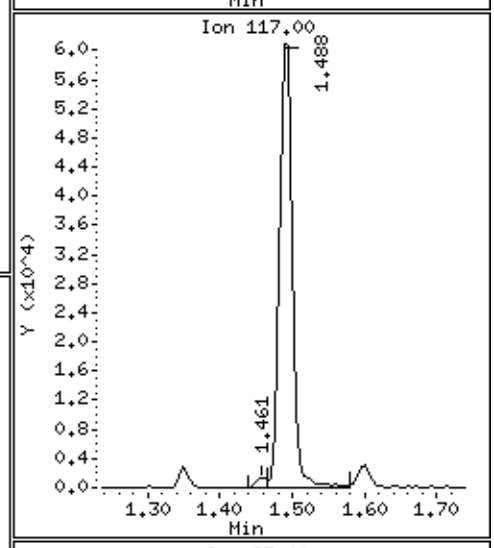


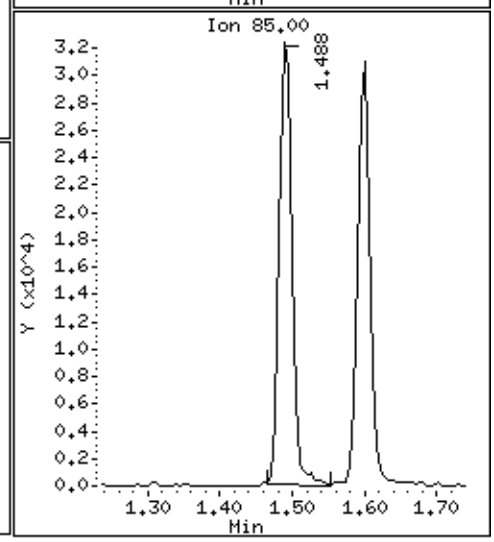












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

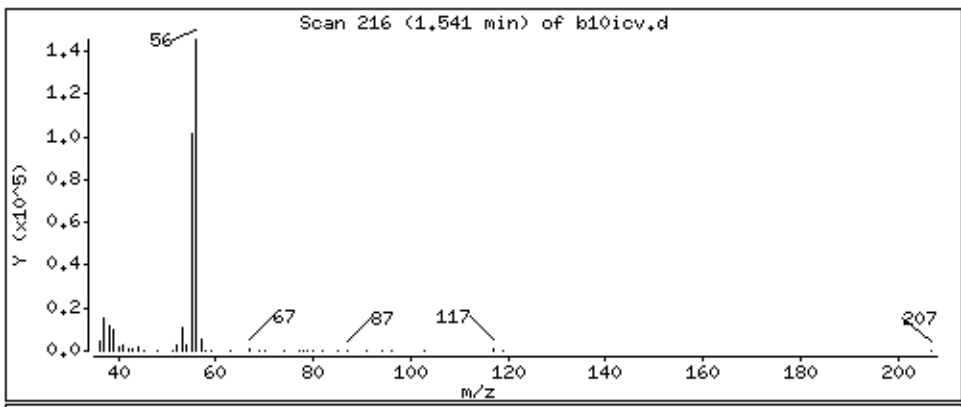
Column phase: DB-624

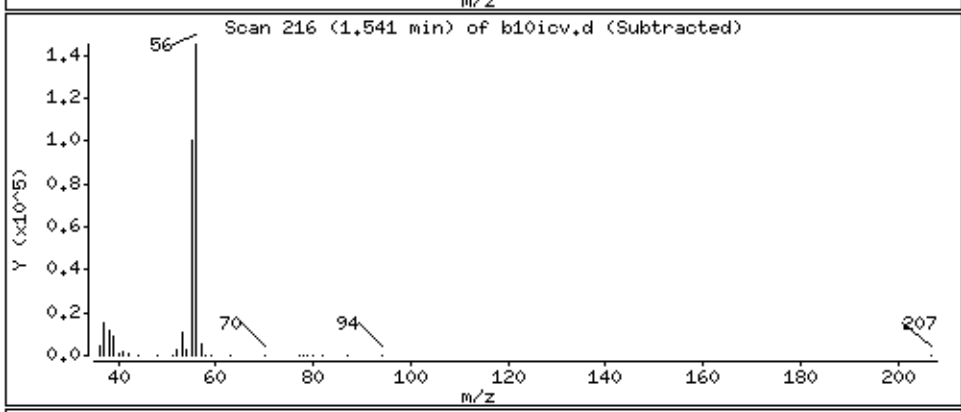
Column diameter: 0.18

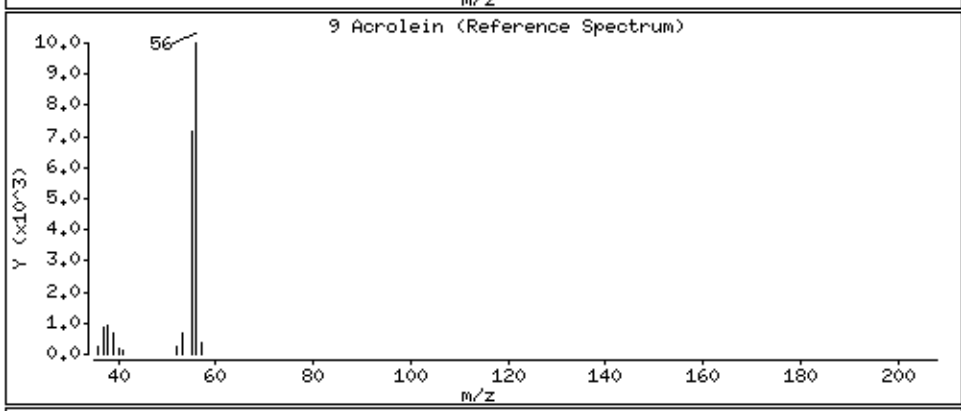
9 Acrolein

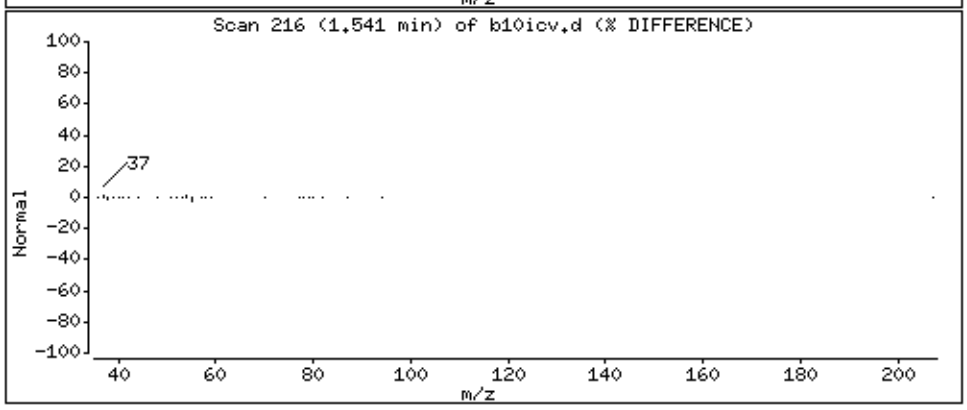
Concentration: 1240 ppb

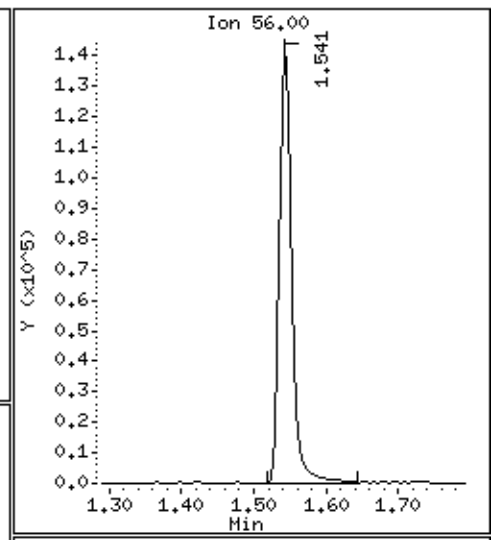
Review Code:

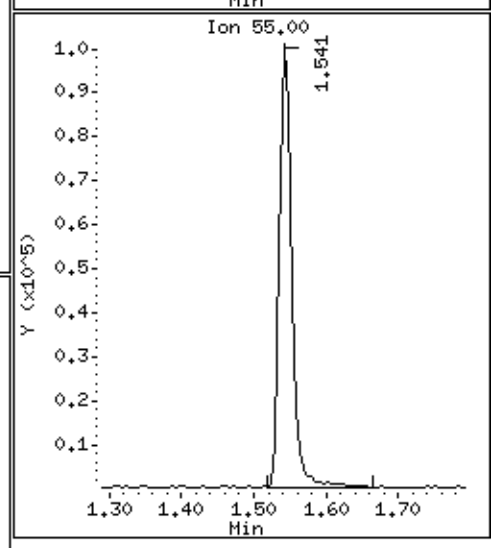












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

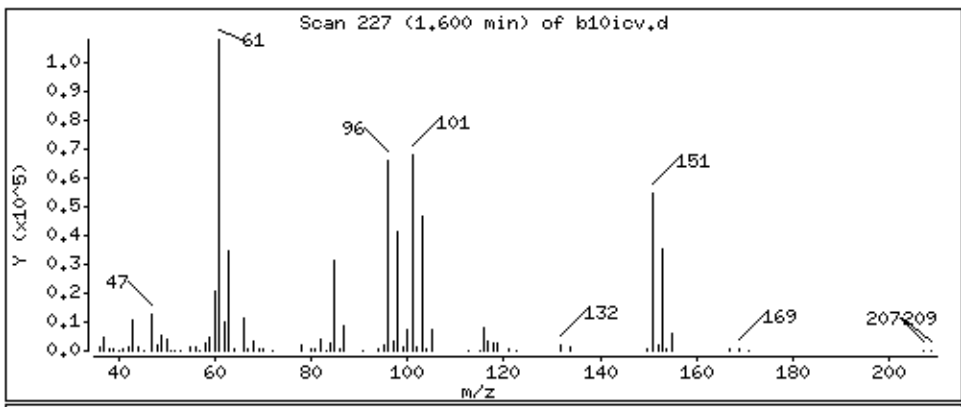
Column phase: DB-624

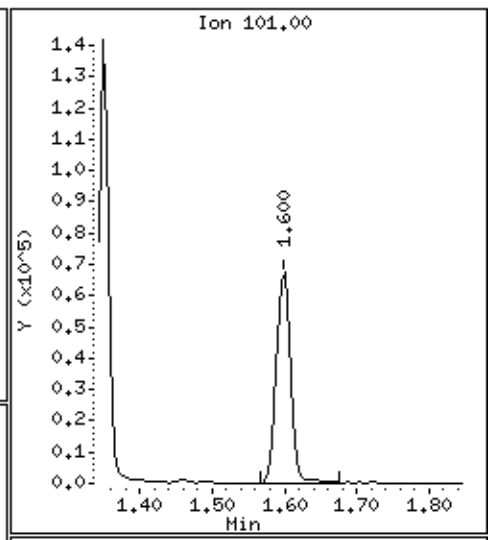
Column diameter: 0.18

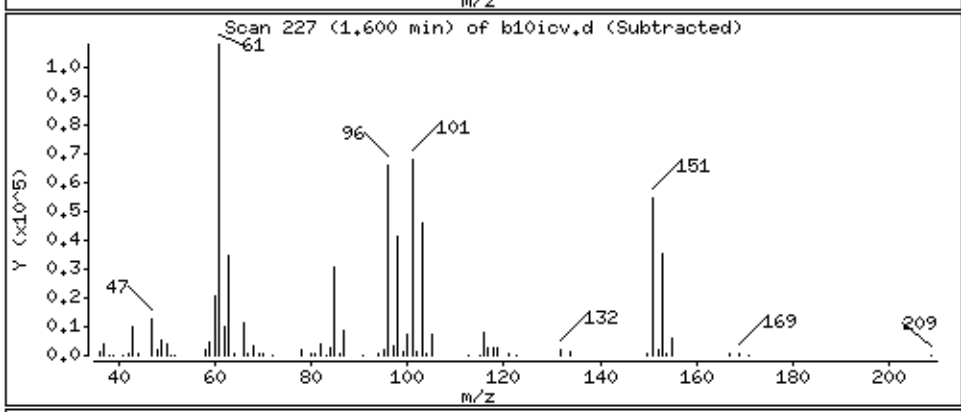
10 1,1,2trichlorotrifluoroethane

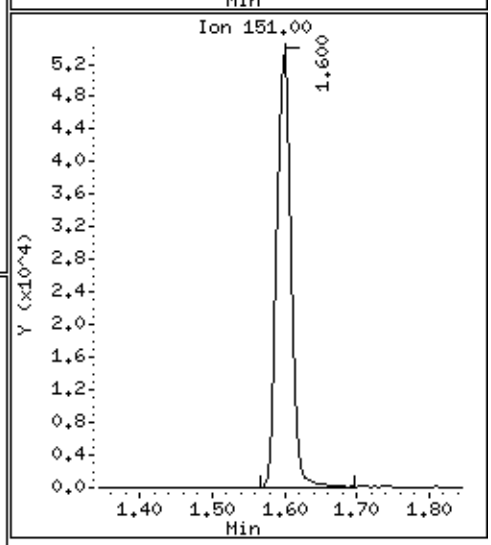
Concentration: 46.4 ppb

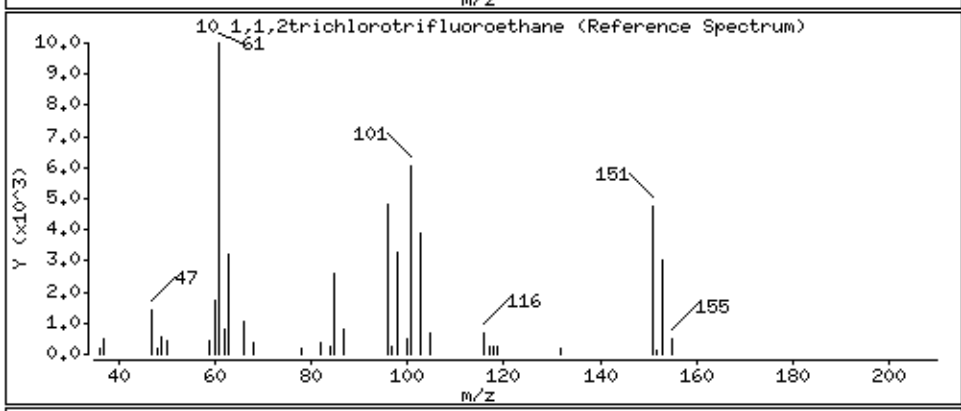
Review Code:

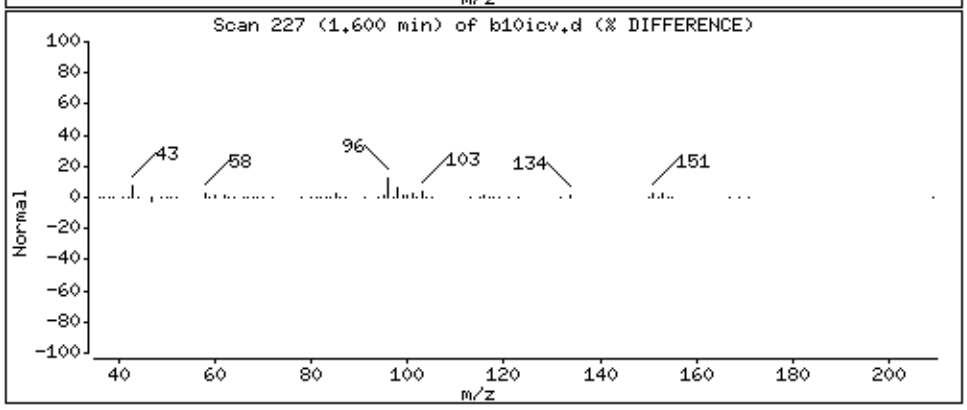












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

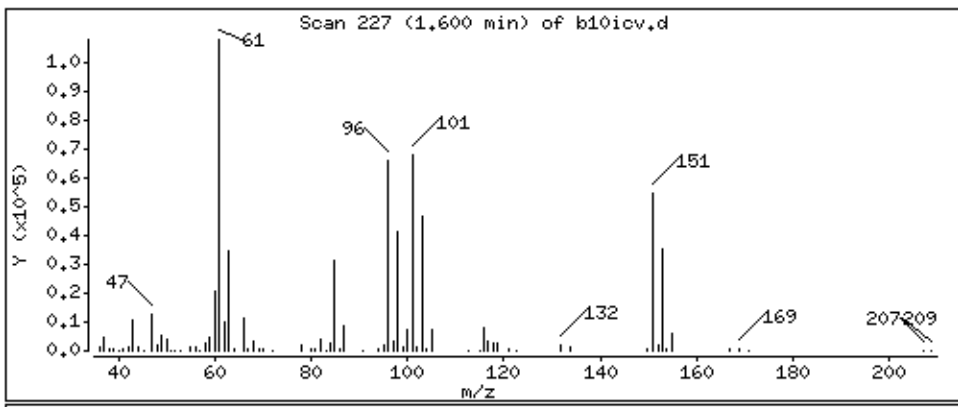
Column phase: DB-624

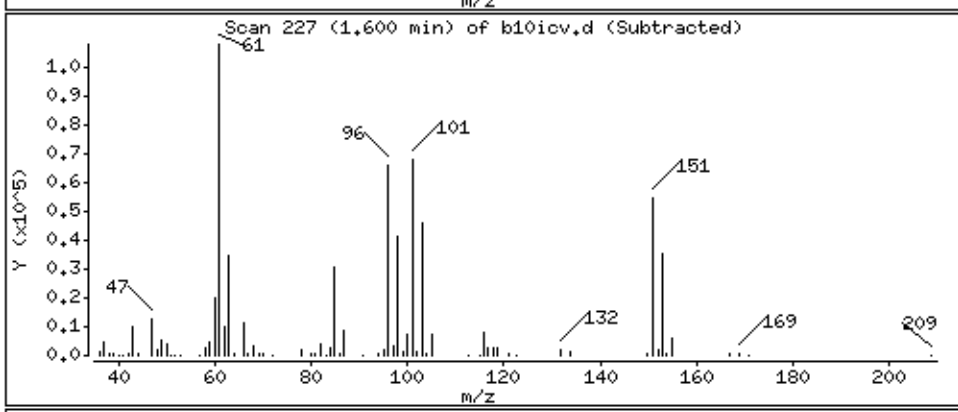
Column diameter: 0.18

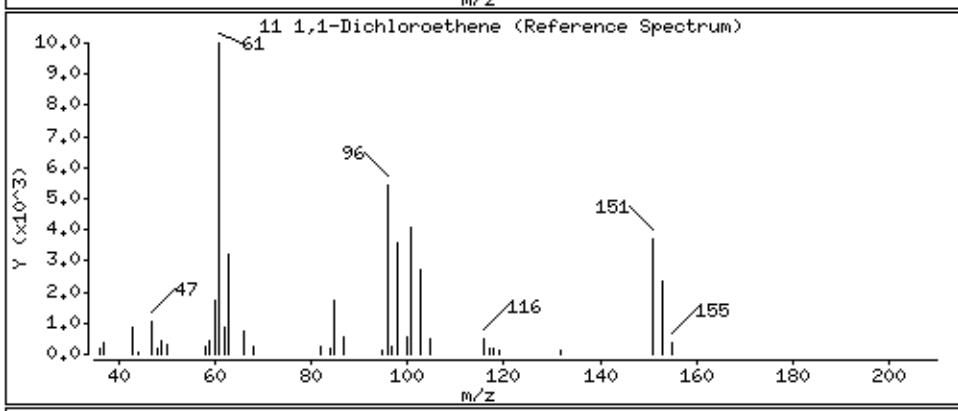
11 1,1-Dichloroethene

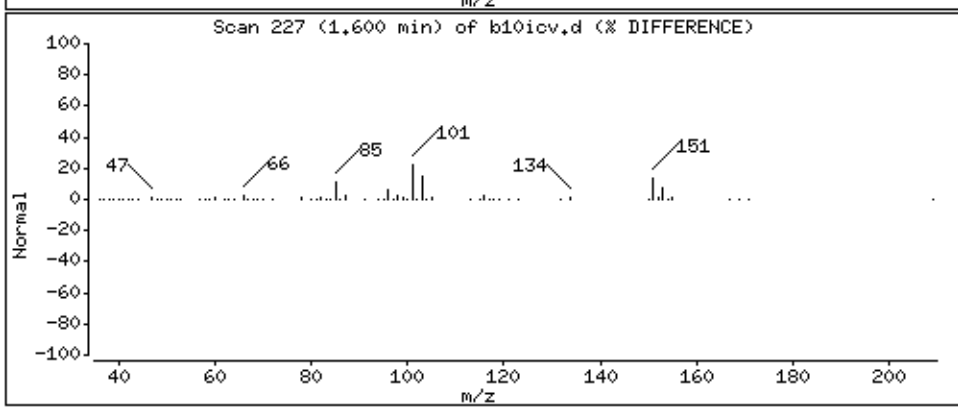
Concentration: 46.7 ppb

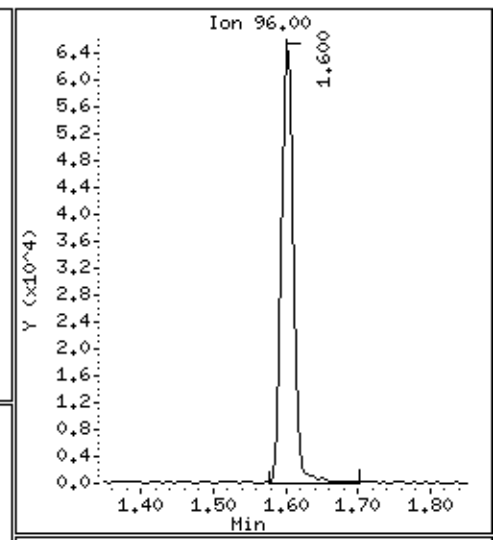
Review Code:

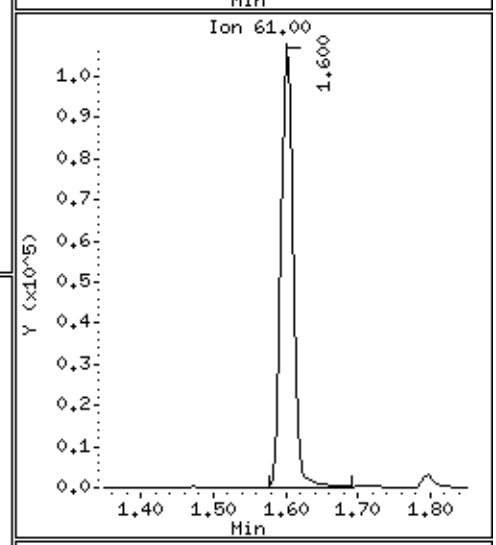


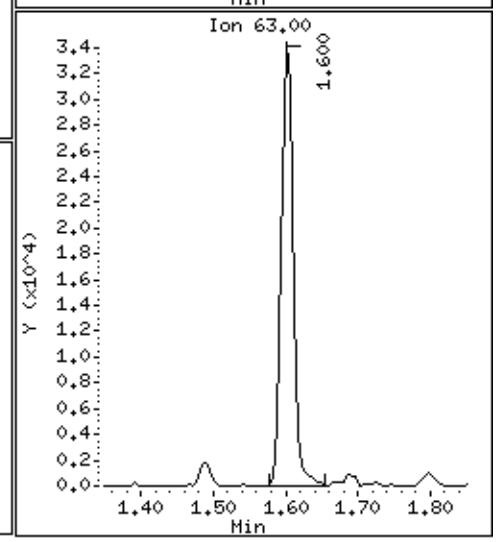












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

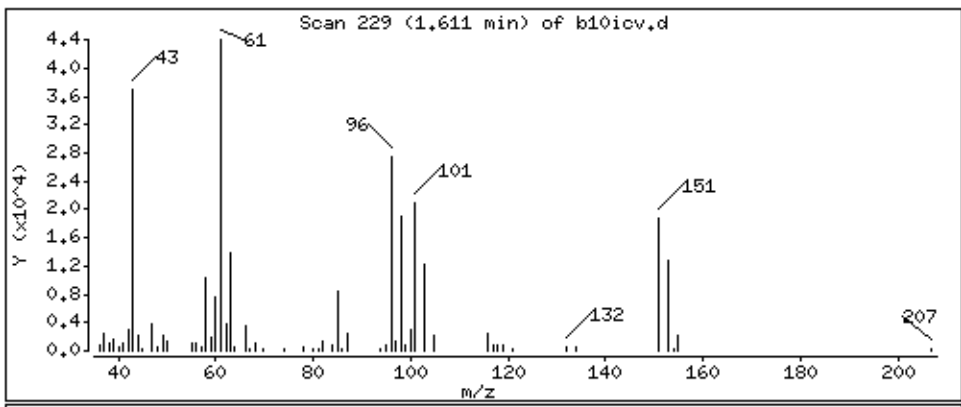
Column phase: DB-624

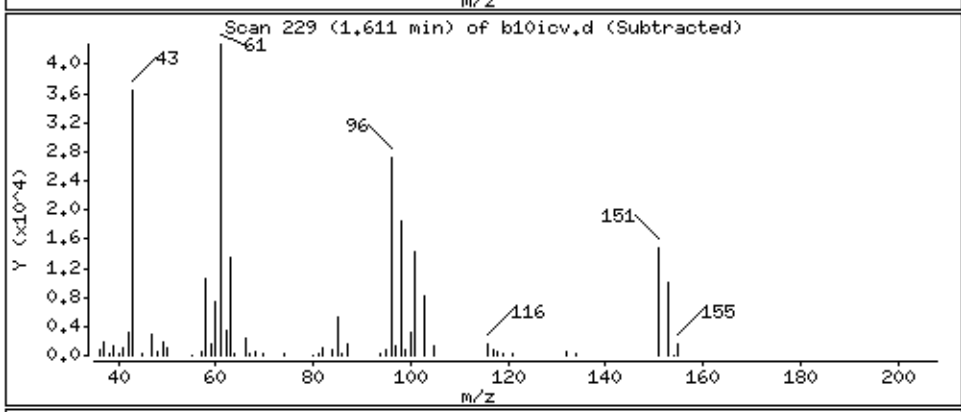
Column diameter: 0.18

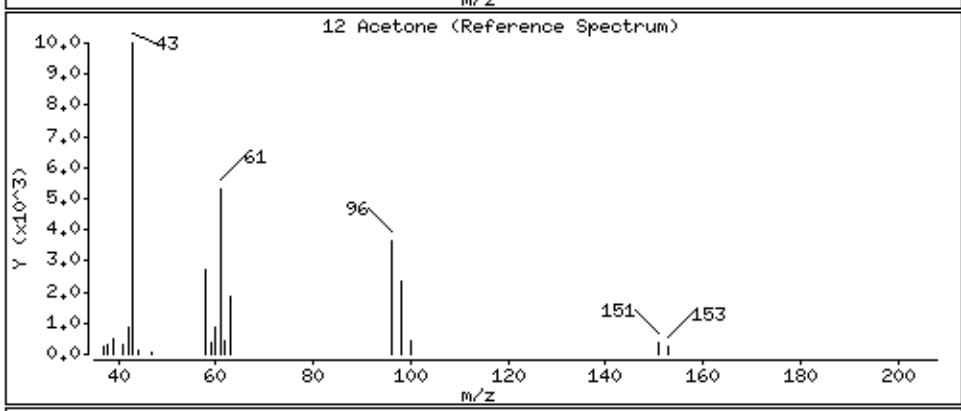
12 Acetone

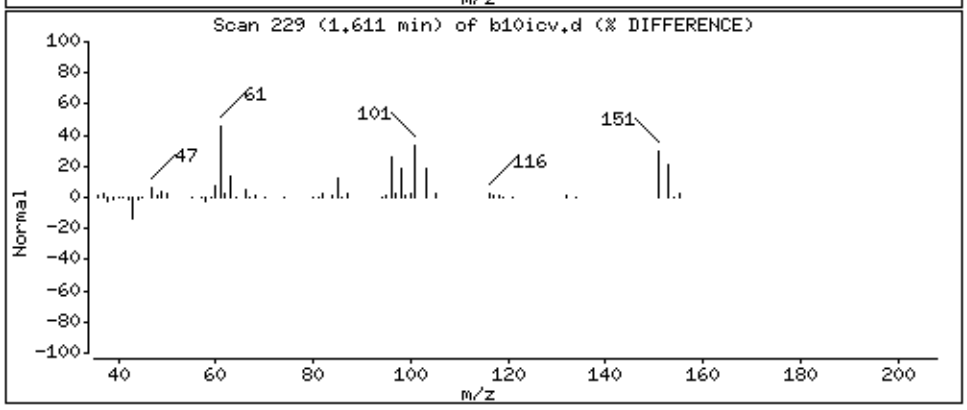
Concentration: 217 ppb

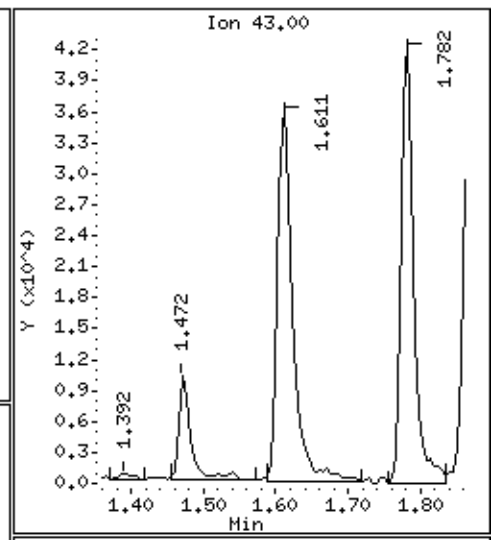
Review Code:

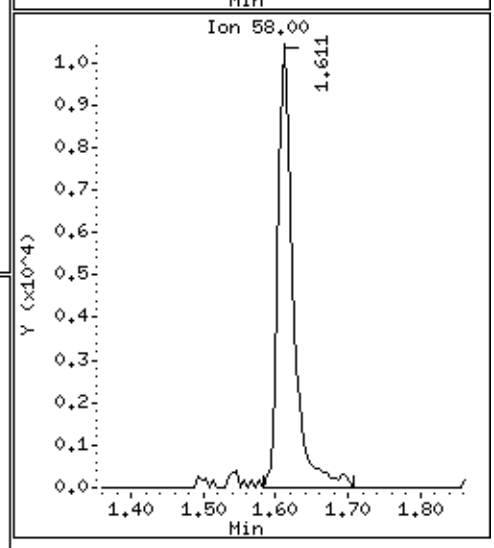












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

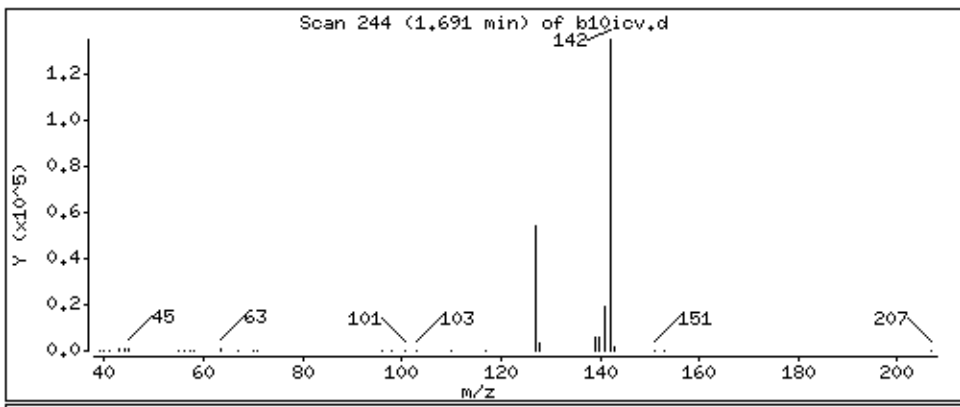
Column phase: DB-624

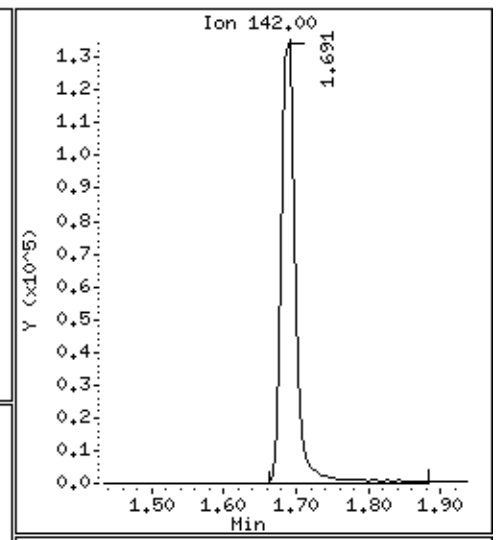
Column diameter: 0.18

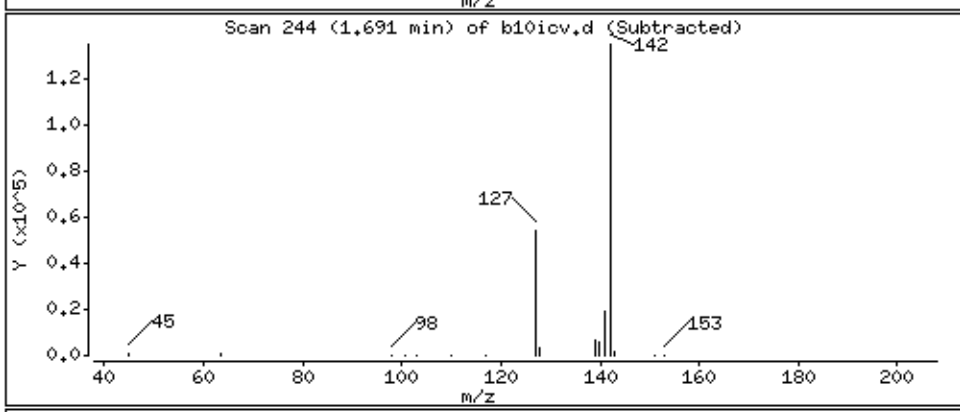
13 Iodomethane

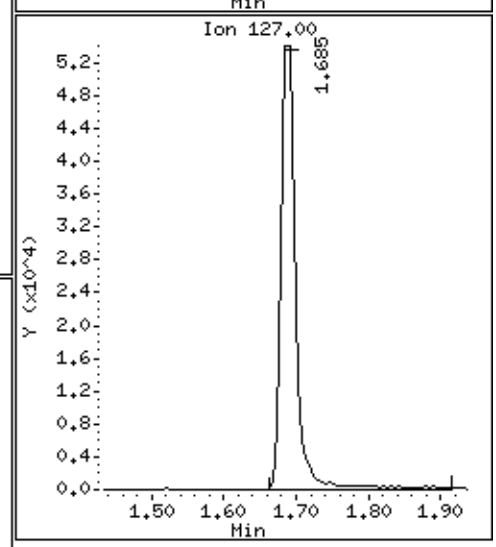
Concentration: 101 ppb

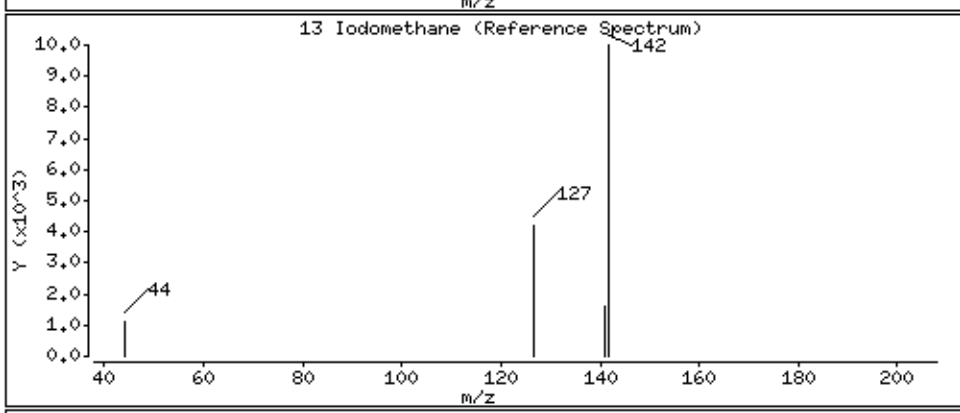
Review Code:

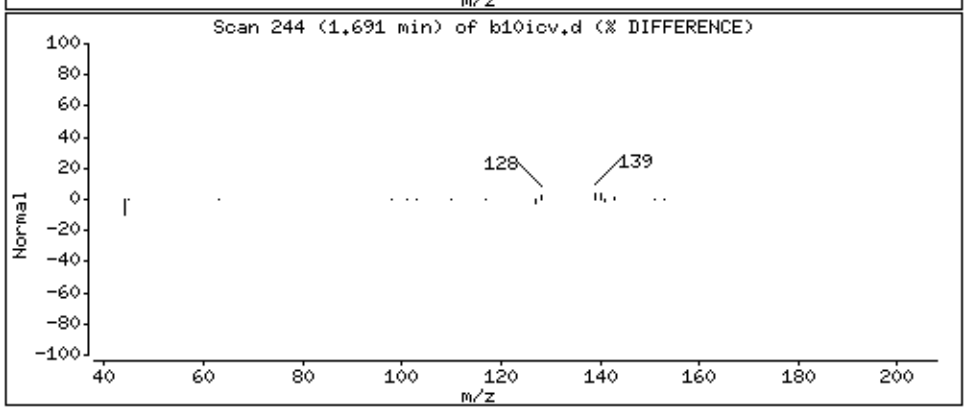












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

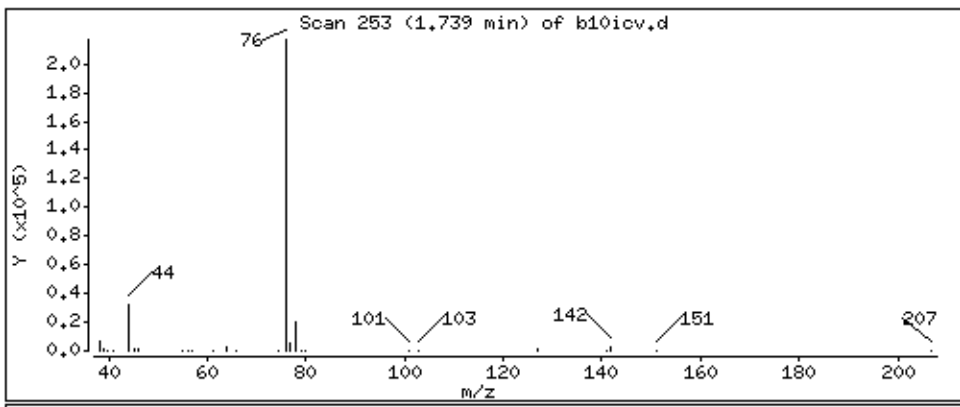
Column phase: DB-624

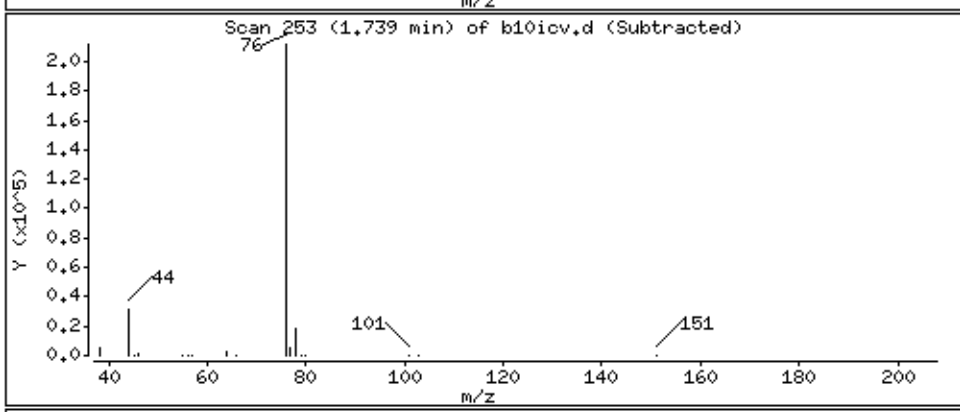
Column diameter: 0.18

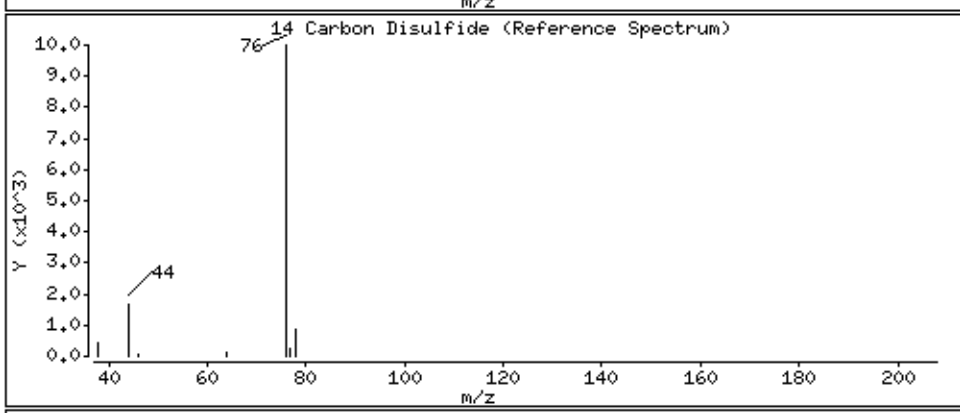
14 Carbon Disulfide

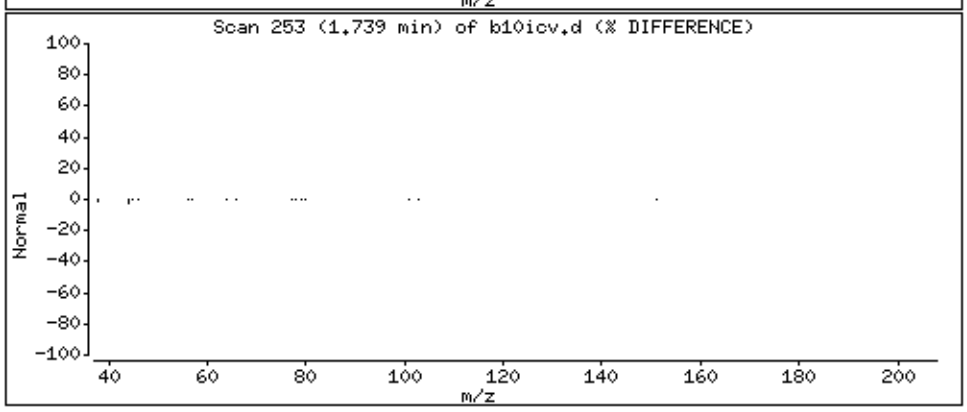
Concentration: 46.3 ppb

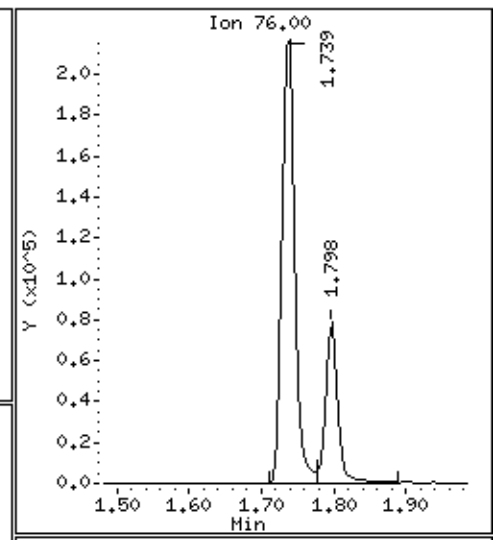
Review Code:

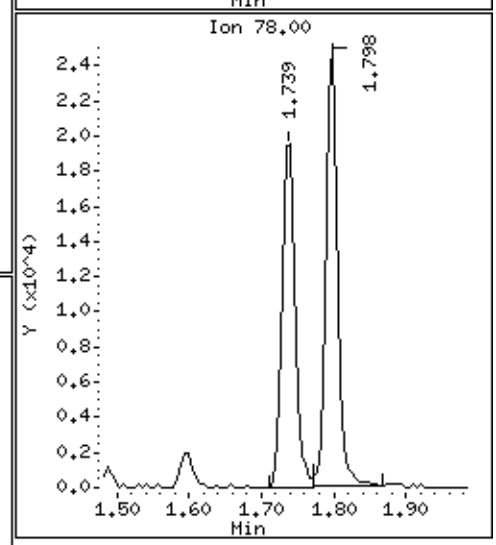












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

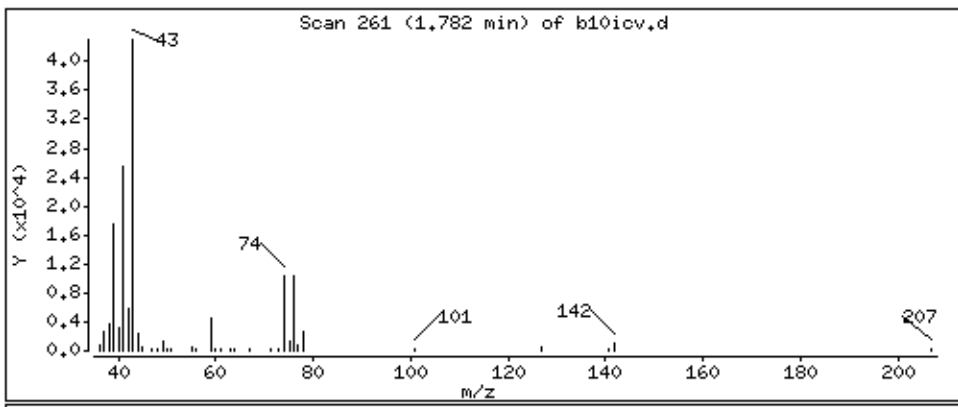
Column phase: DB-624

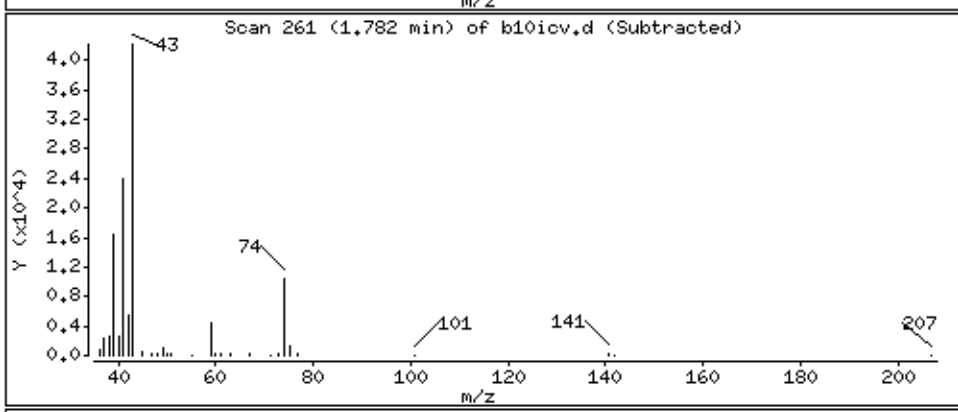
Column diameter: 0.18

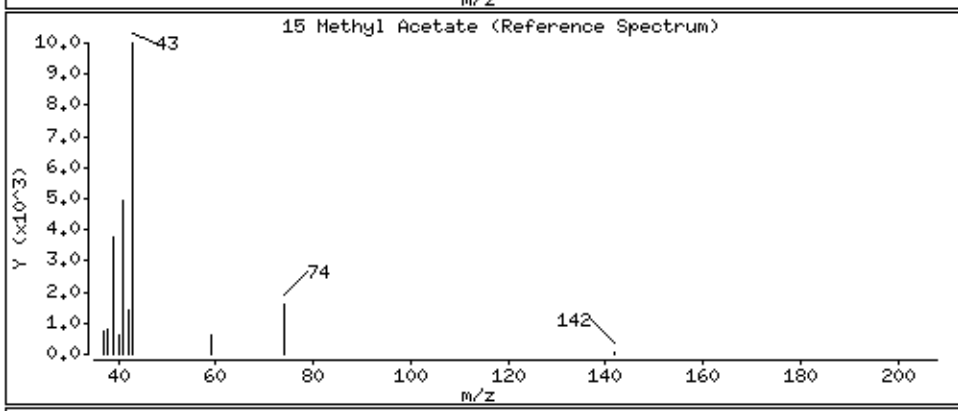
15 Methyl Acetate

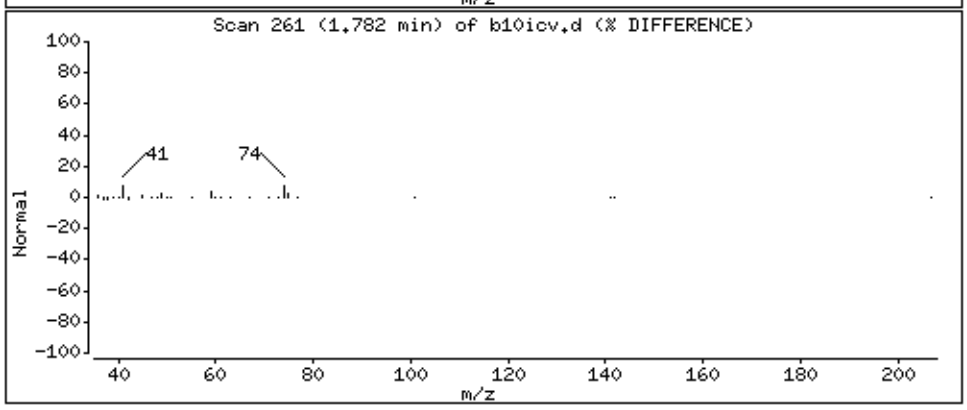
Concentration: 88.5 ppb

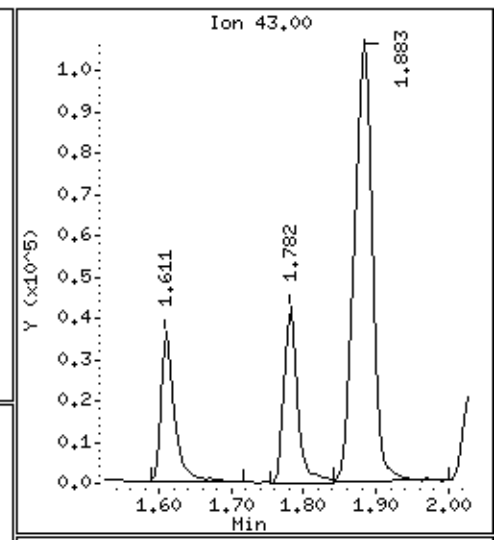
Review Code:

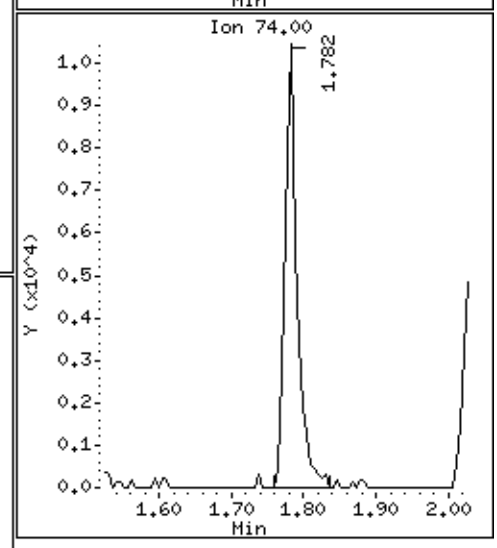












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

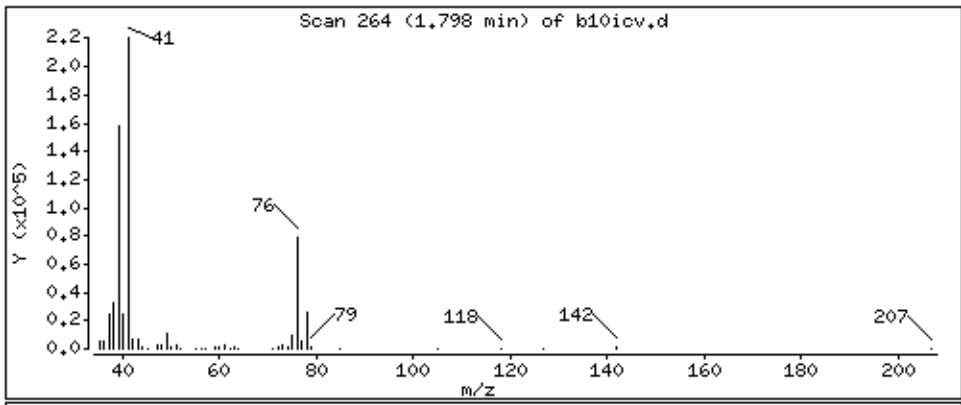
Column phase: DB-624

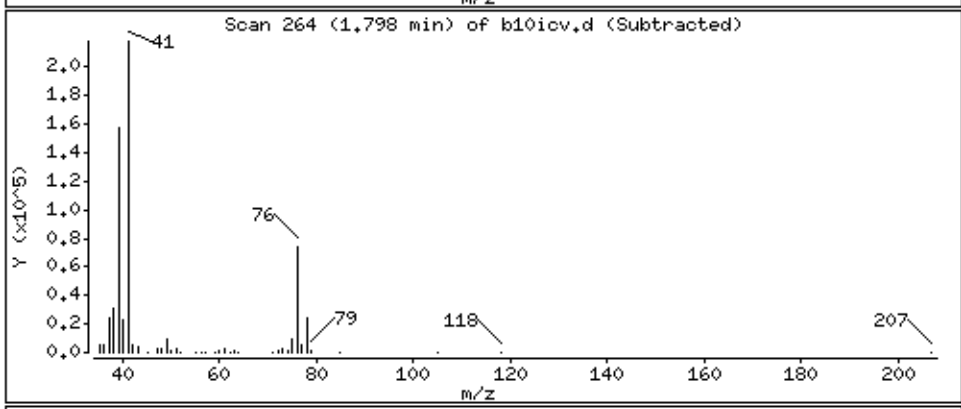
Column diameter: 0.18

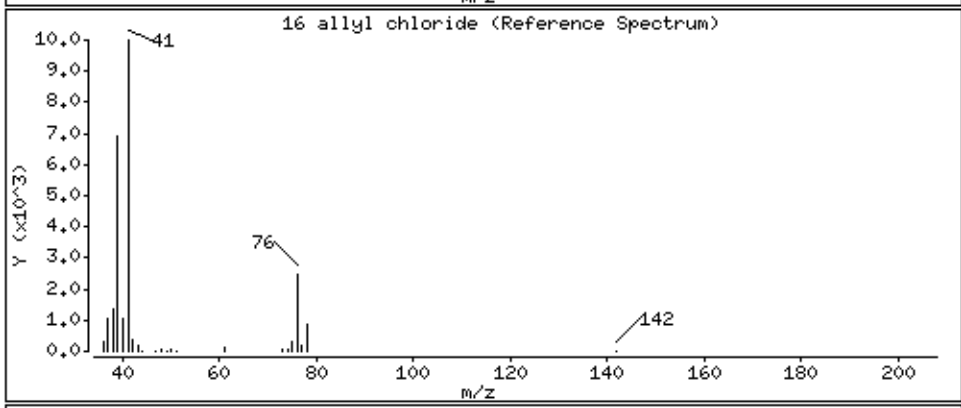
16 allyl chloride

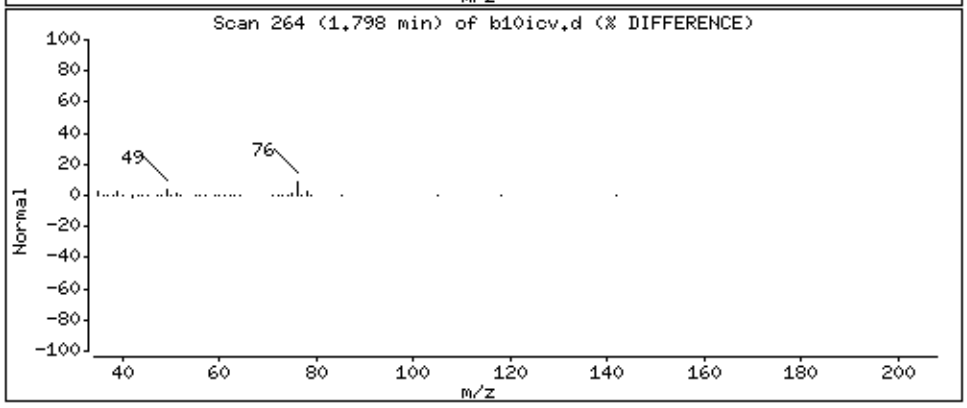
Concentration: 106 ppb

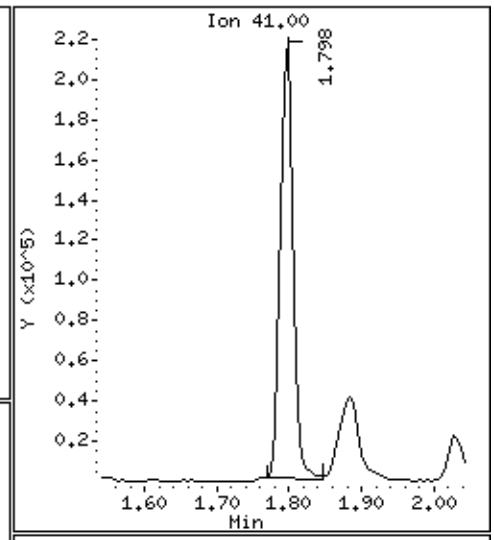
Review Code:

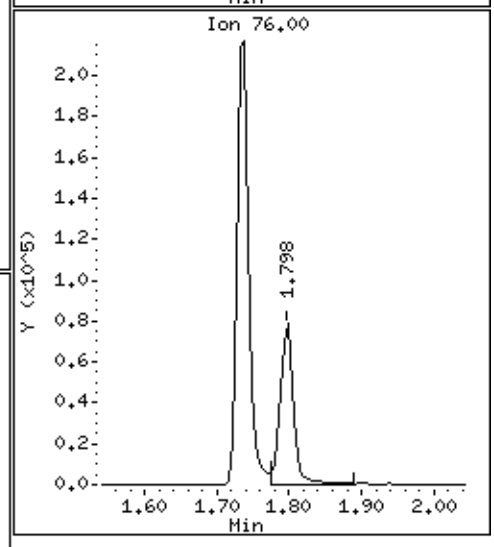












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

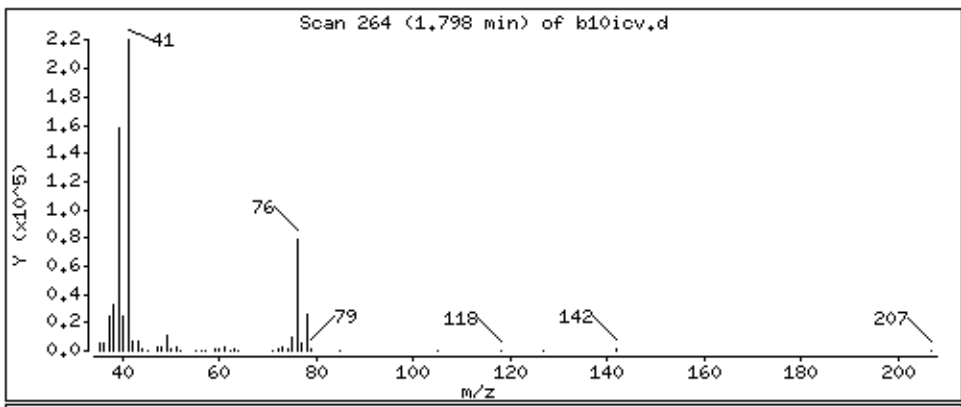
Column phase: DB-624

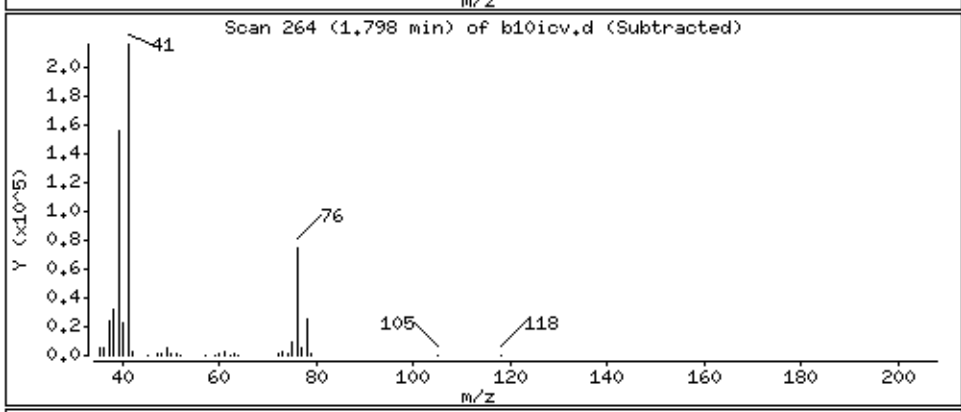
Column diameter: 0.18

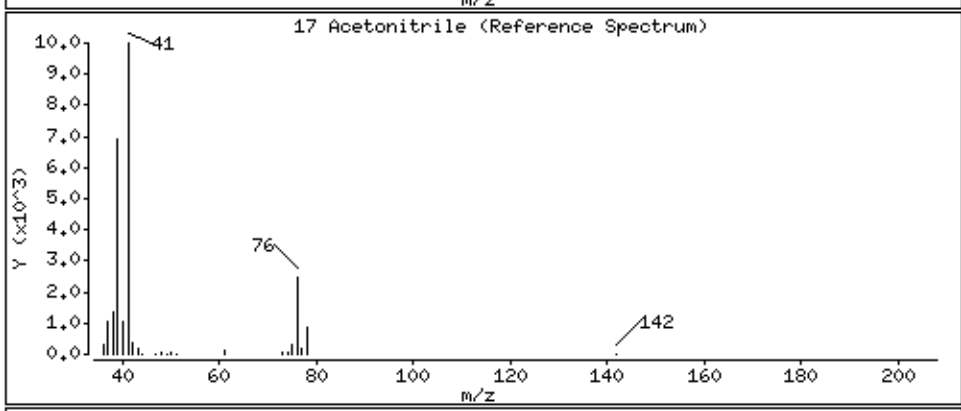
17 Acetonitrile

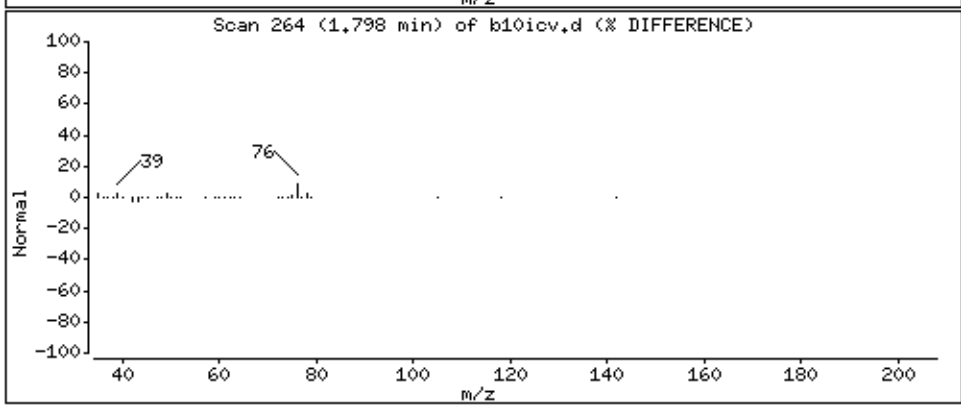
Concentration: 51.9 ppb

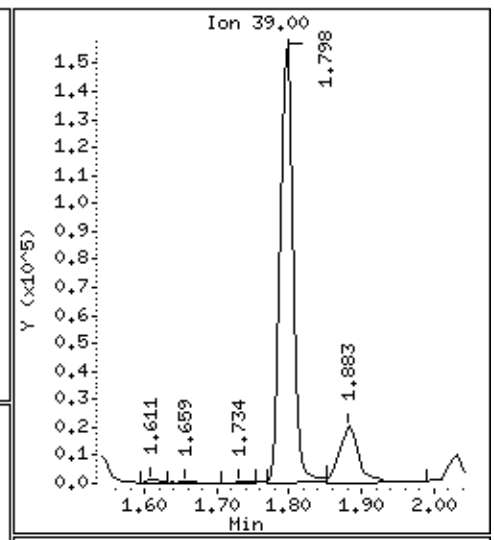
Review Code:

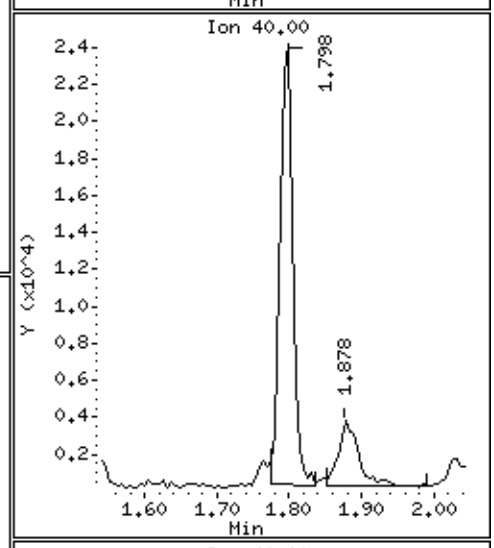


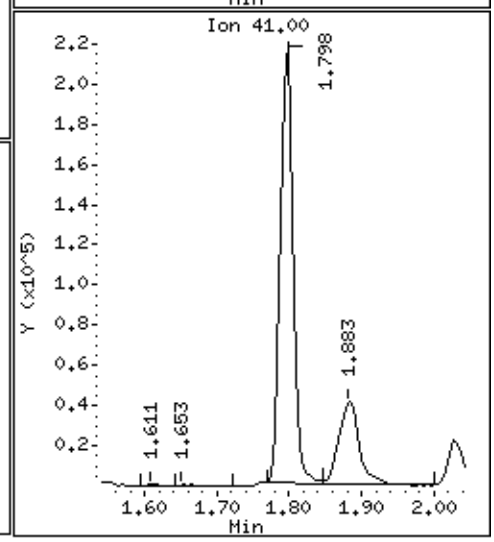












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

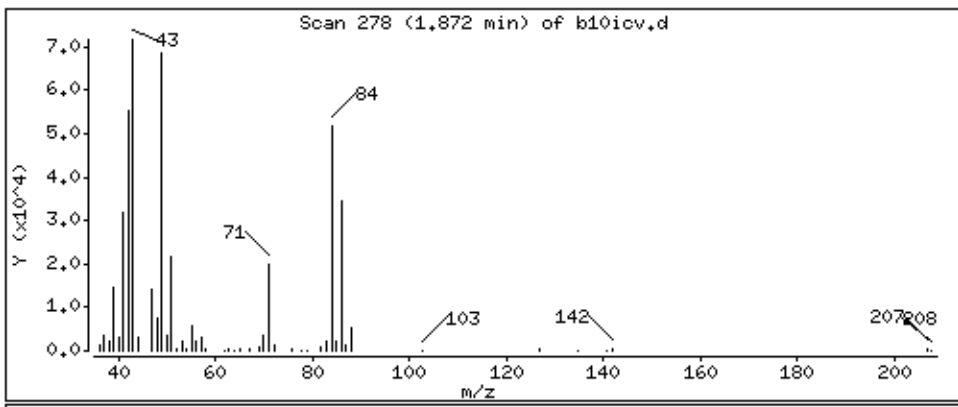
Column phase: DB-624

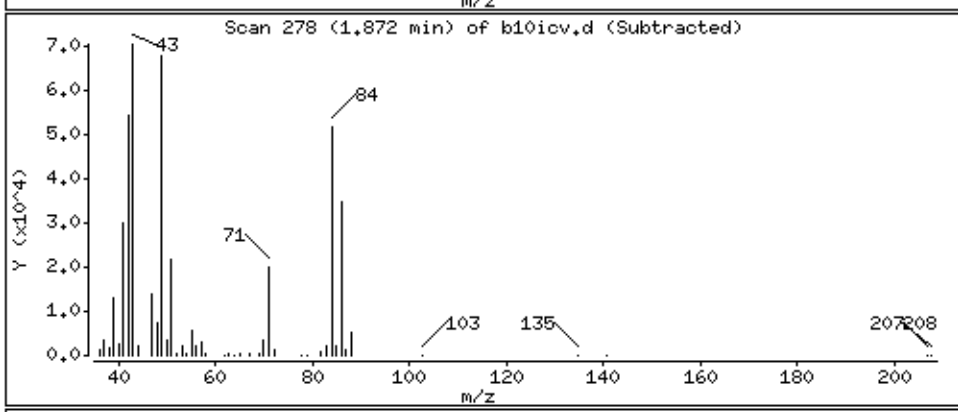
Column diameter: 0.18

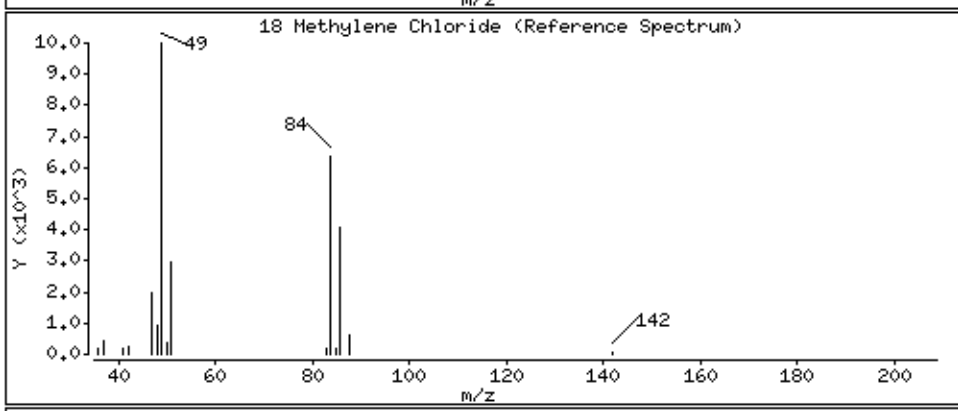
18 Methylene Chloride

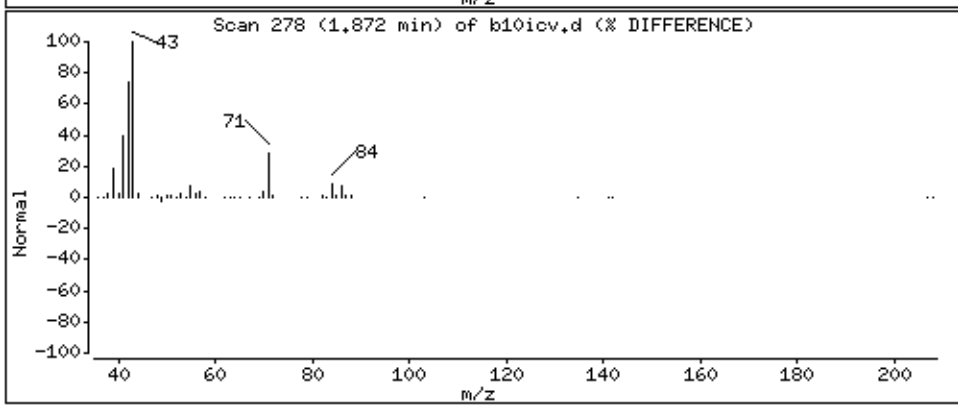
Concentration: 50.2 ppb

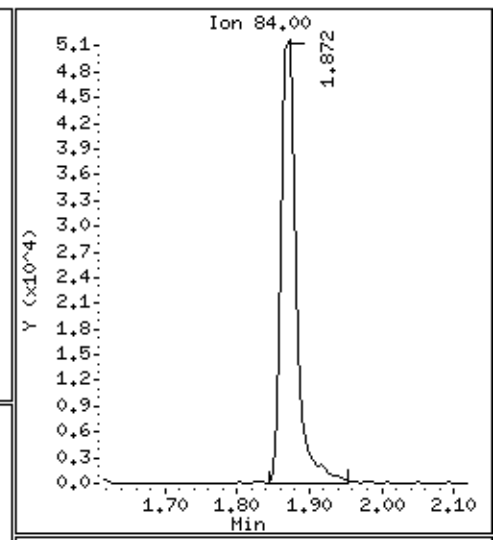
Review Code:

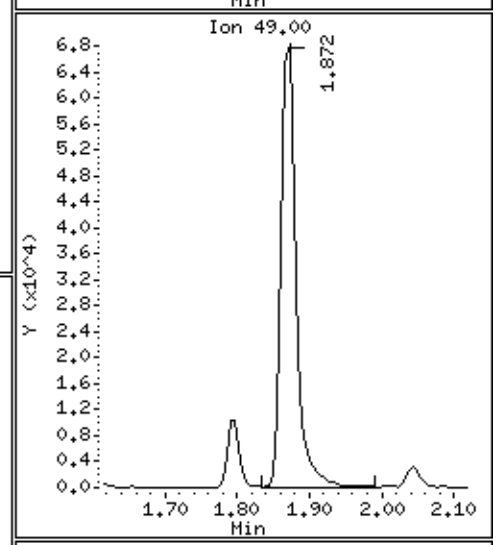


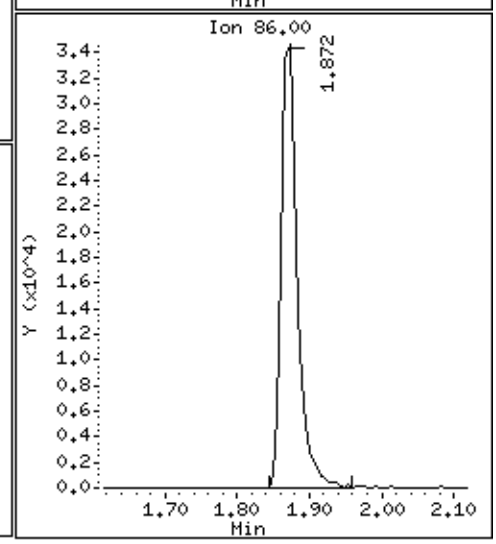












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

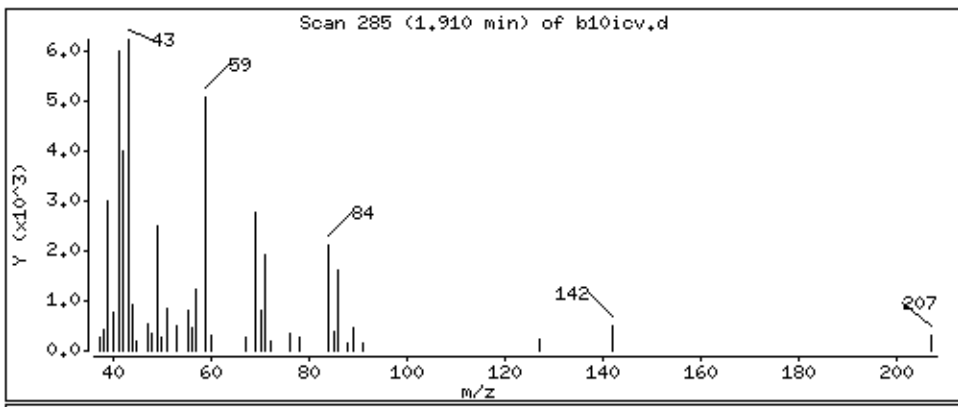
Column phase: DB-624

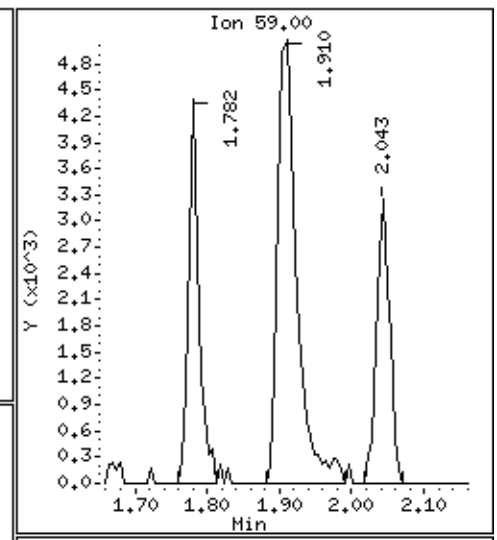
Column diameter: 0.18

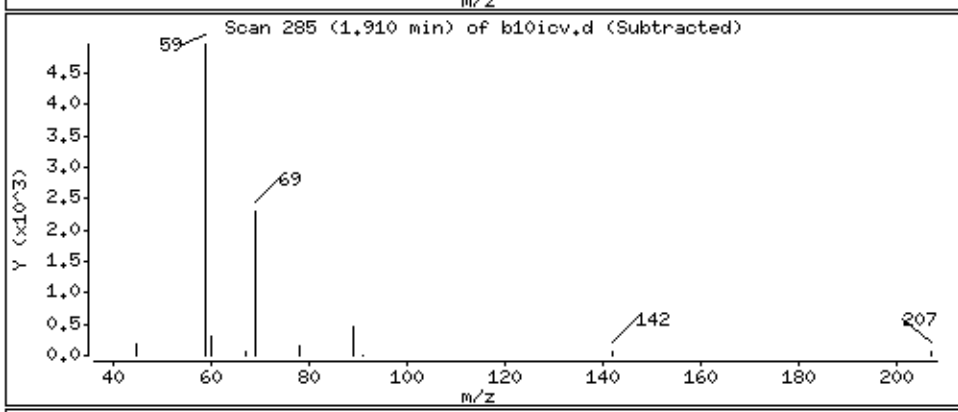
19 tert-Butyl Alcohol

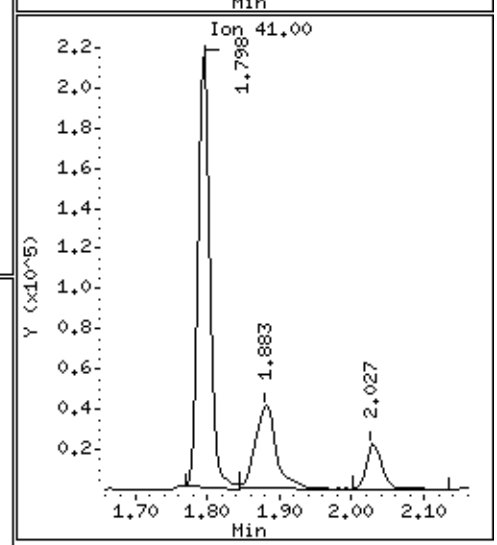
Concentration: 92.9 ppb

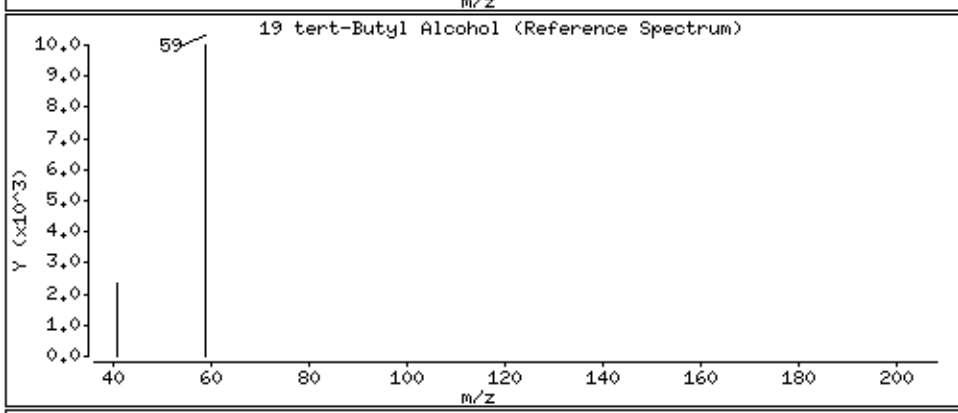
Review Code:

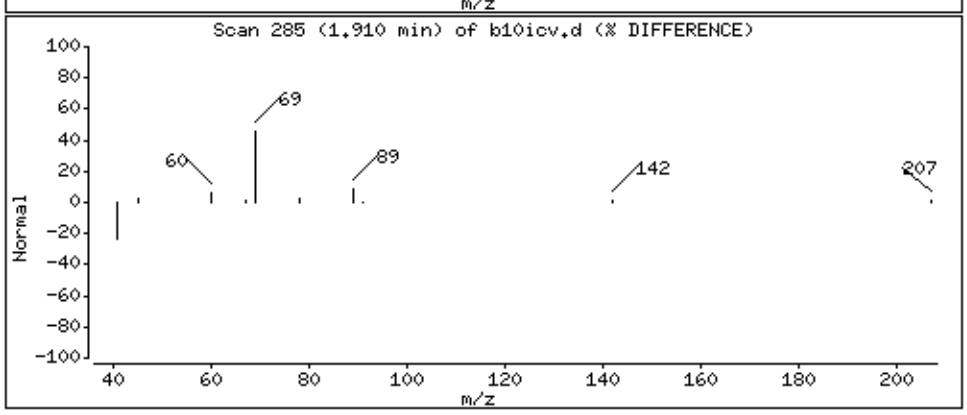












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

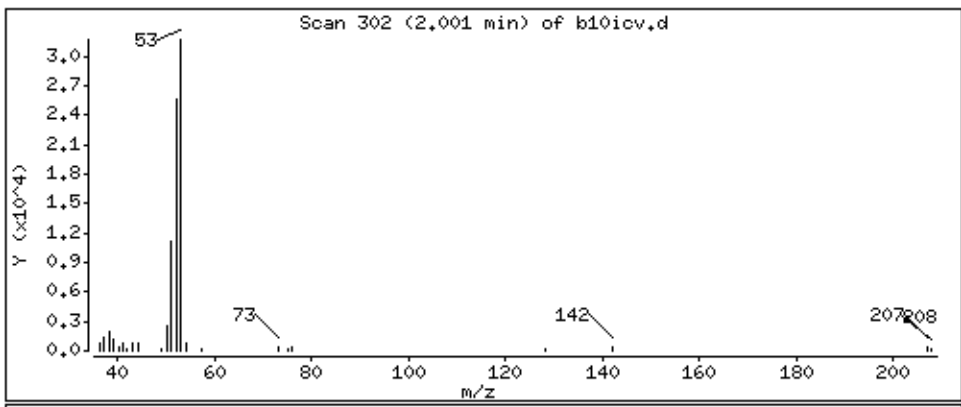
Column phase: DB-624

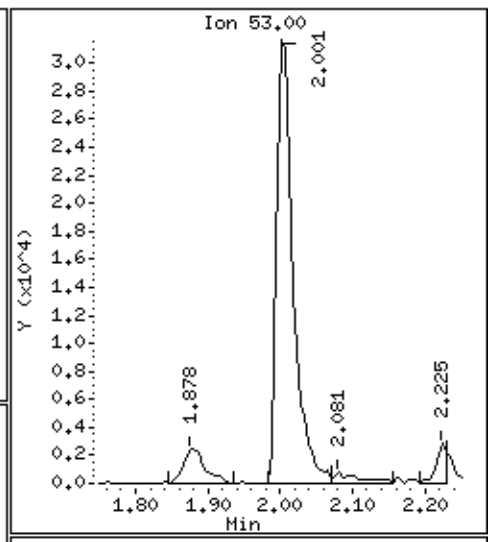
Column diameter: 0.18

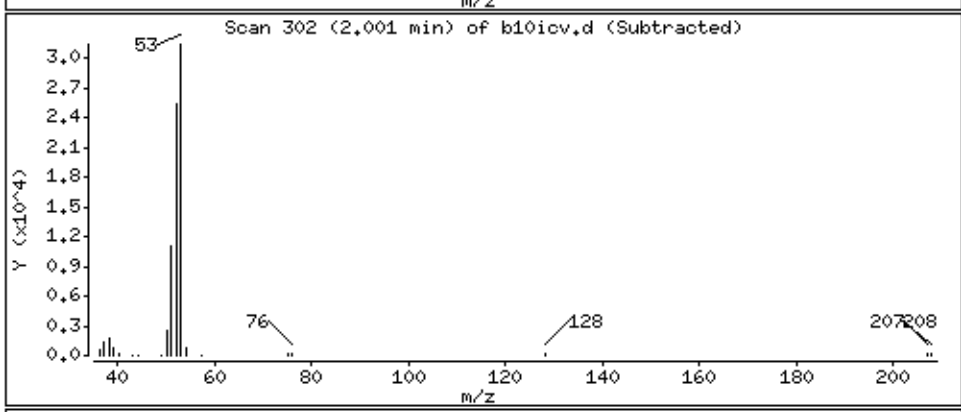
20 Acrylonitrile

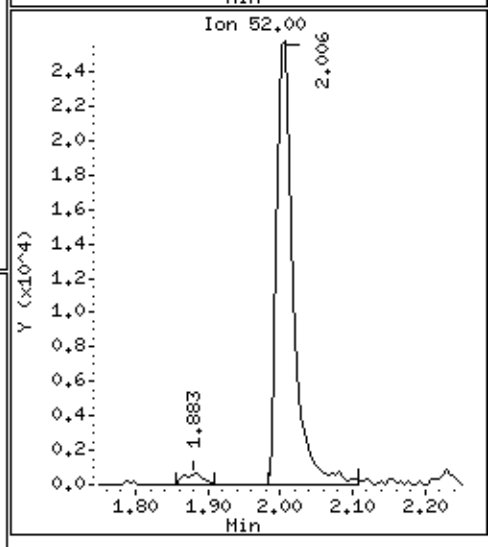
Concentration: 185 ppb

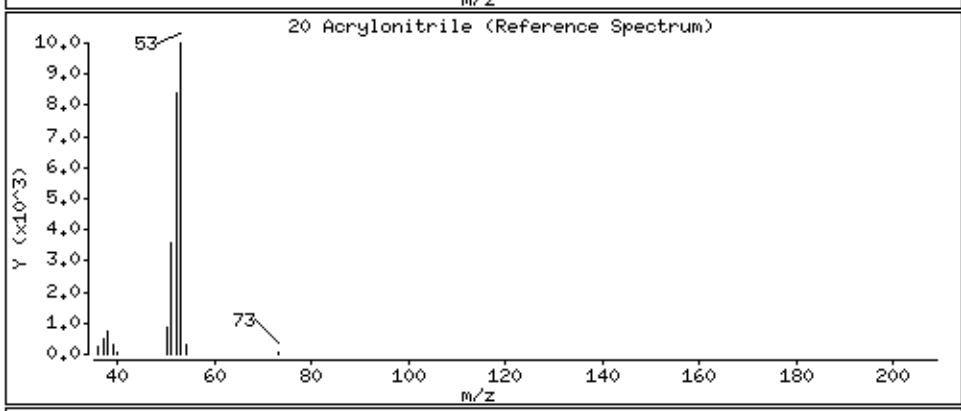
Review Code:

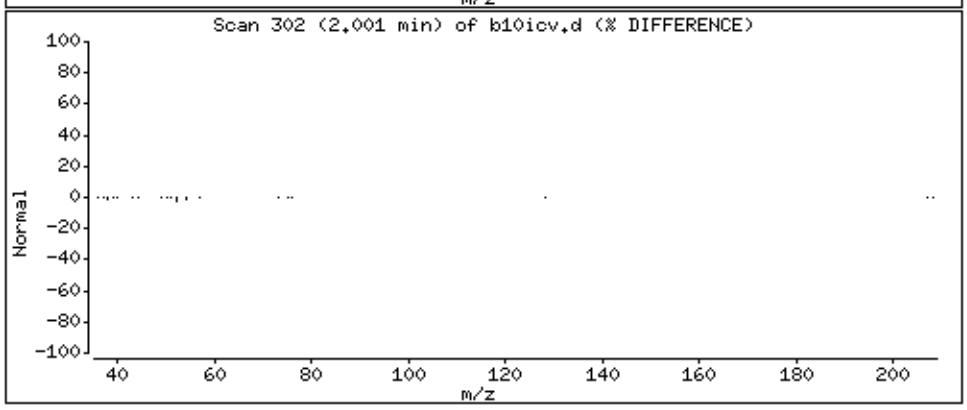












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

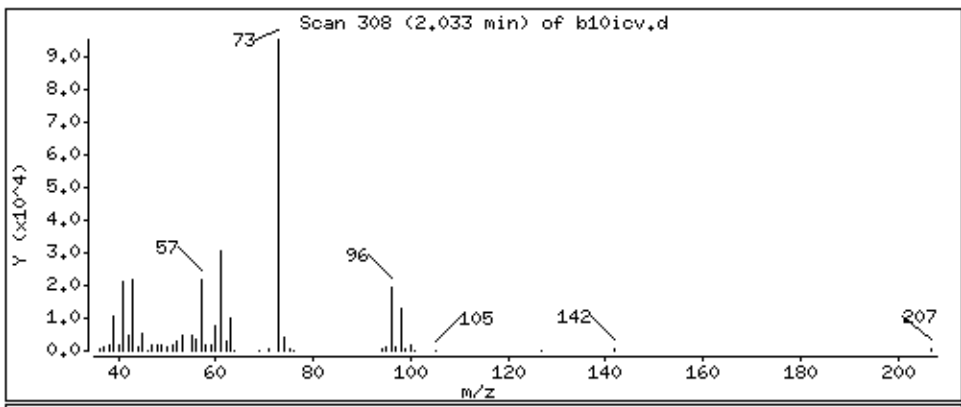
Column phase: DB-624

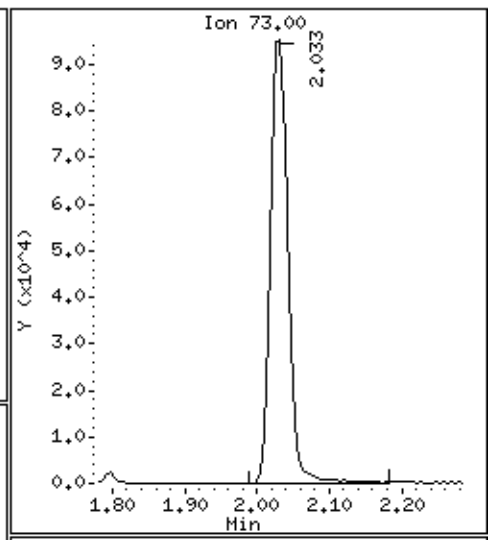
Column diameter: 0.18

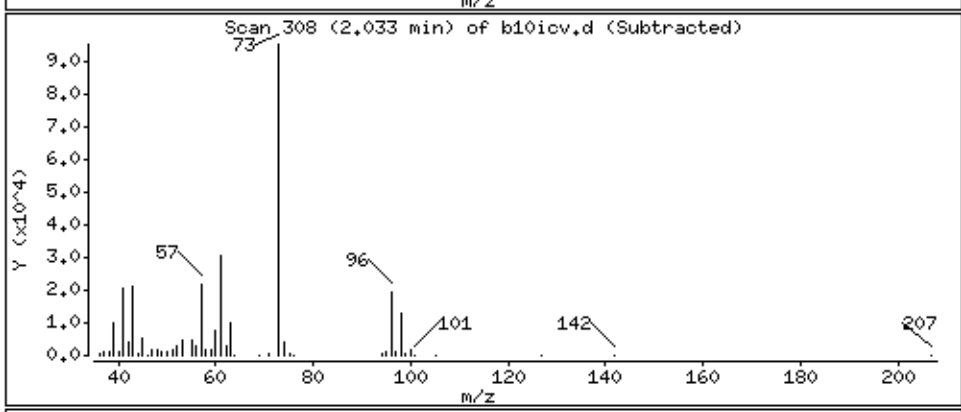
21 Methyl-tert-butyl ether

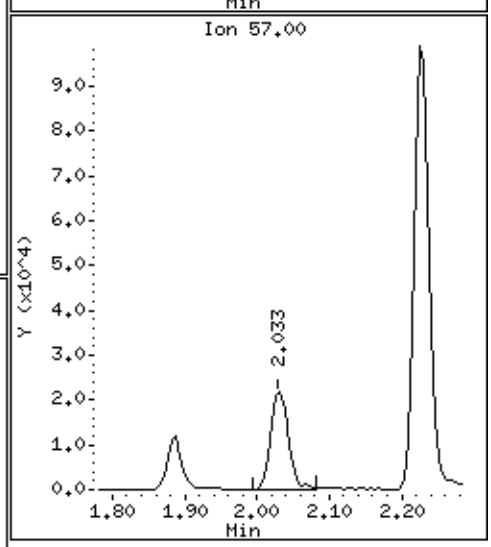
Concentration: 46.6 ppb

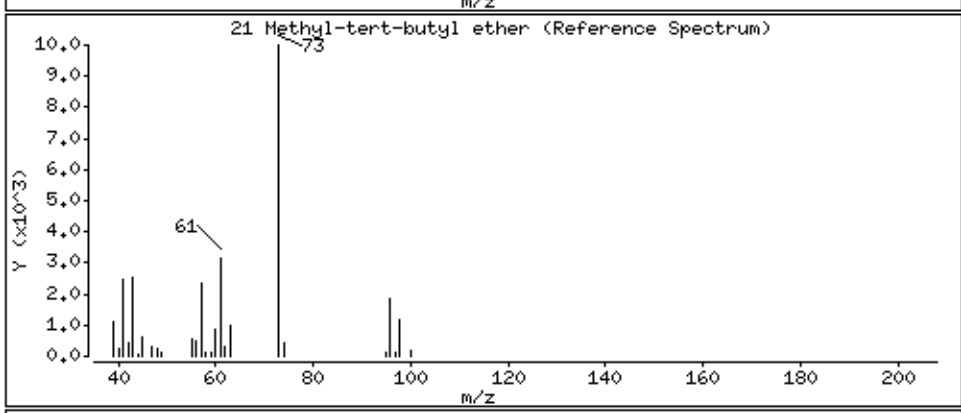
Review Code:

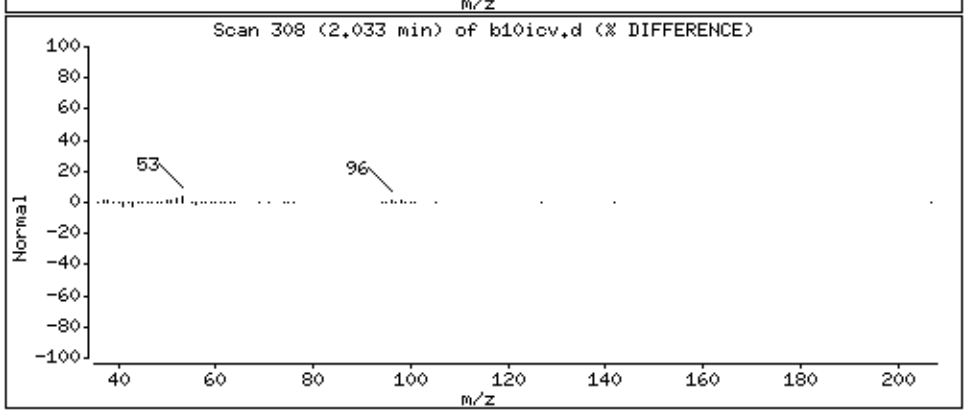












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

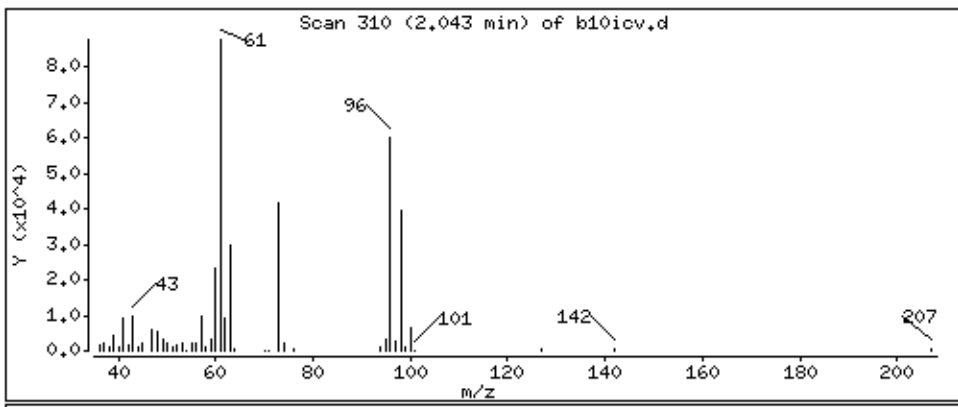
Column phase: DB-624

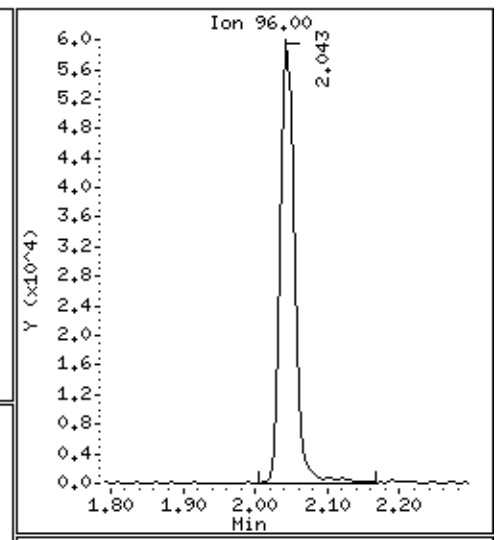
Column diameter: 0.18

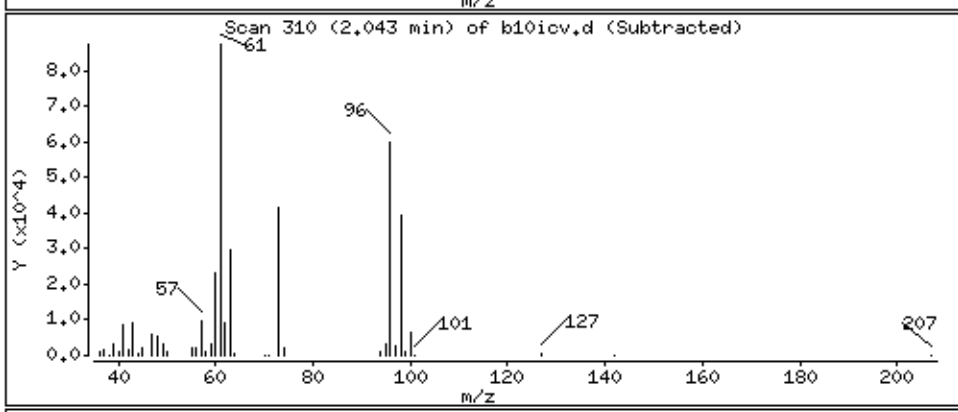
22 1,2-Dichloroethene (trans)

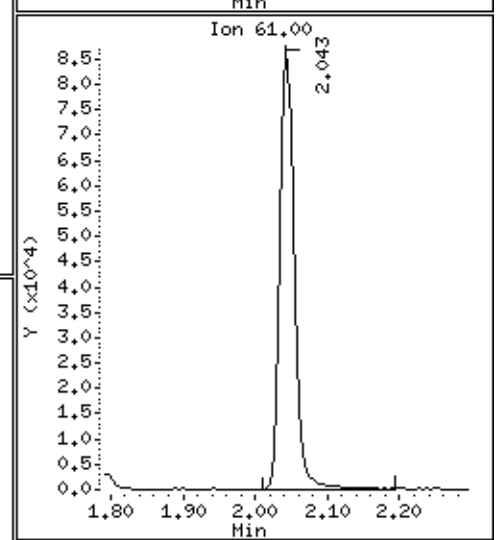
Concentration: 46.6 ppb

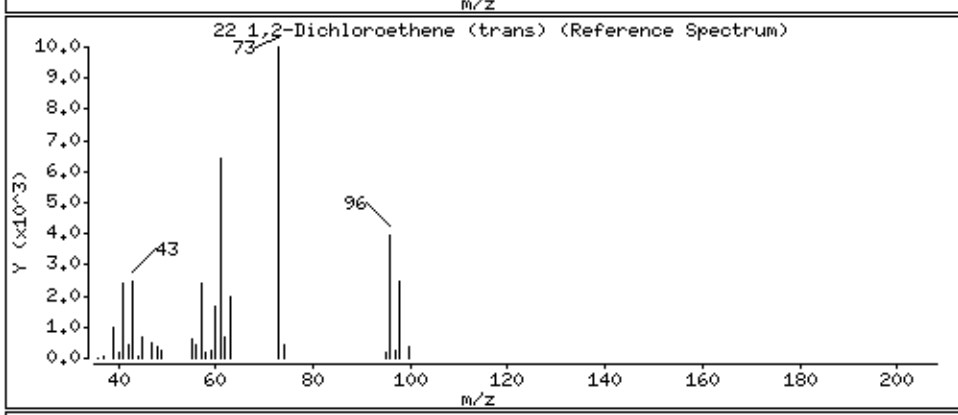
Review Code:

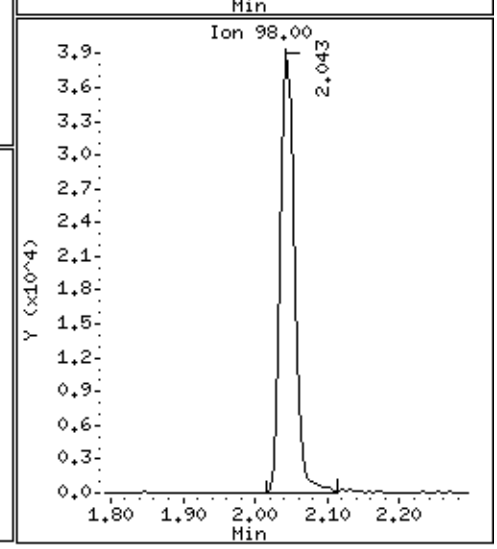


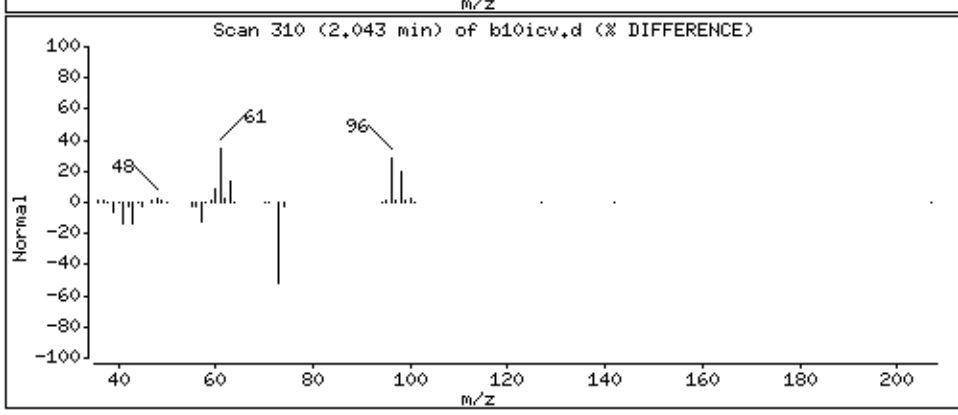












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

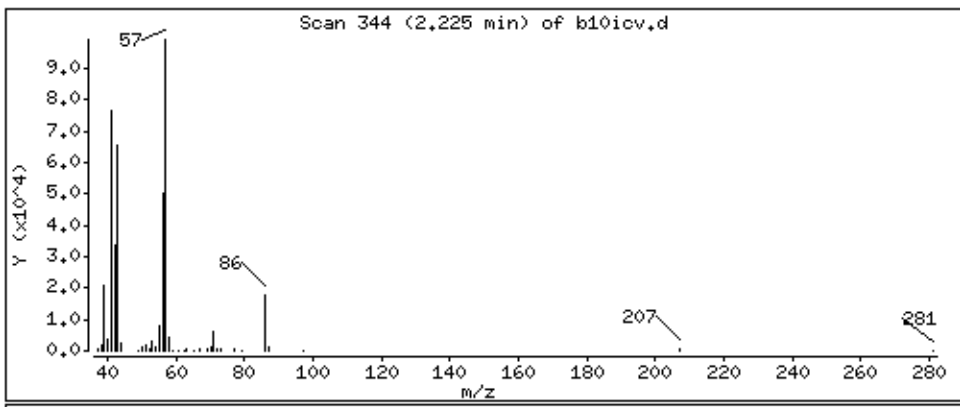
Column phase: DB-624

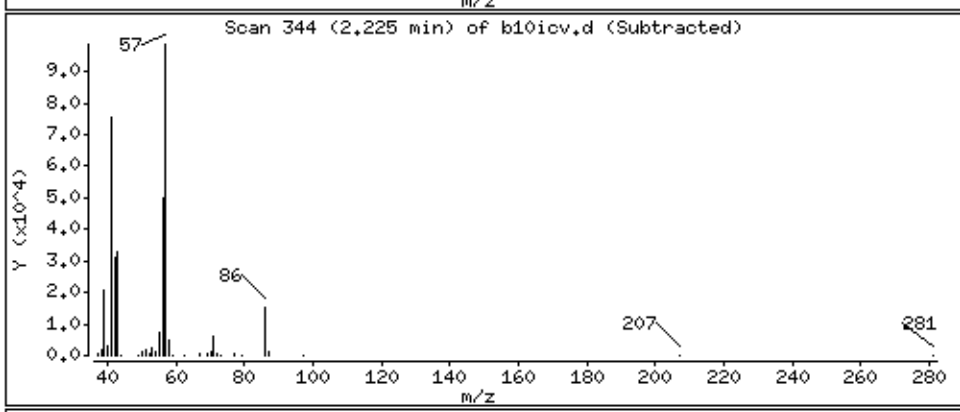
Column diameter: 0.18

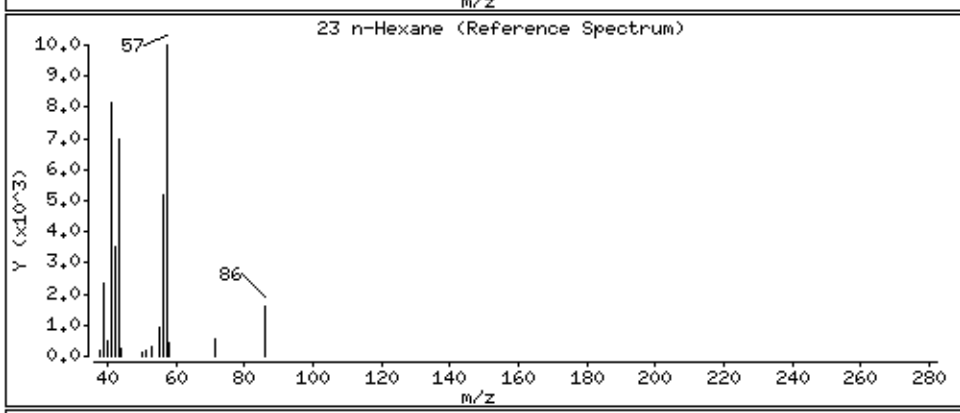
23 n-Hexane

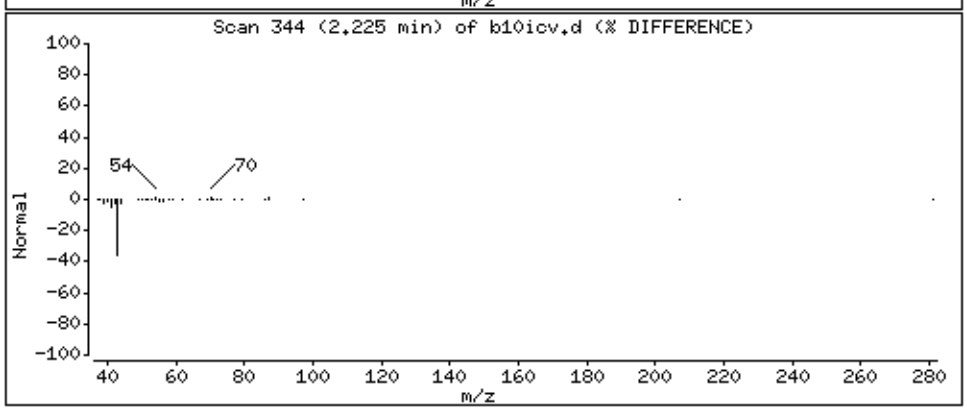
Concentration: 46.3 ppb

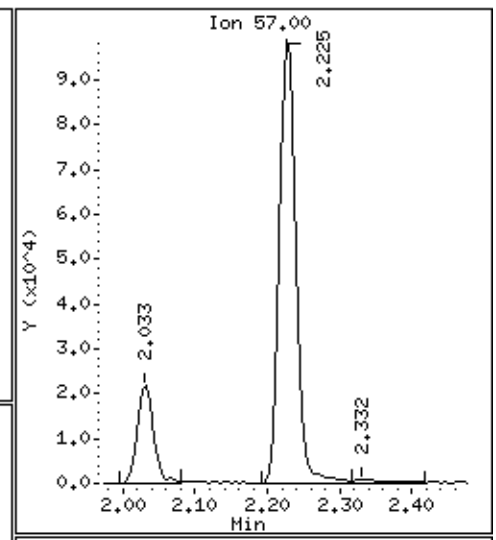
Review Code:

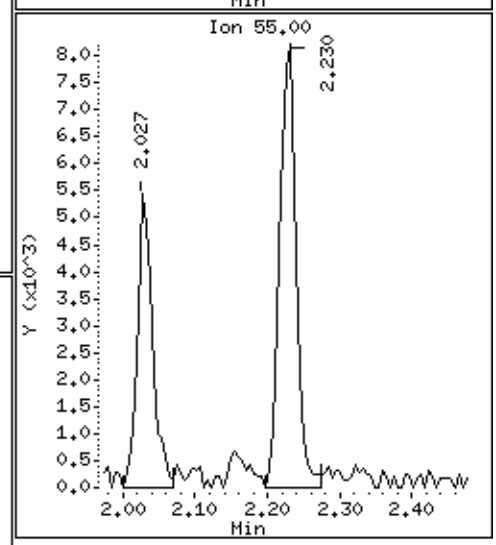












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

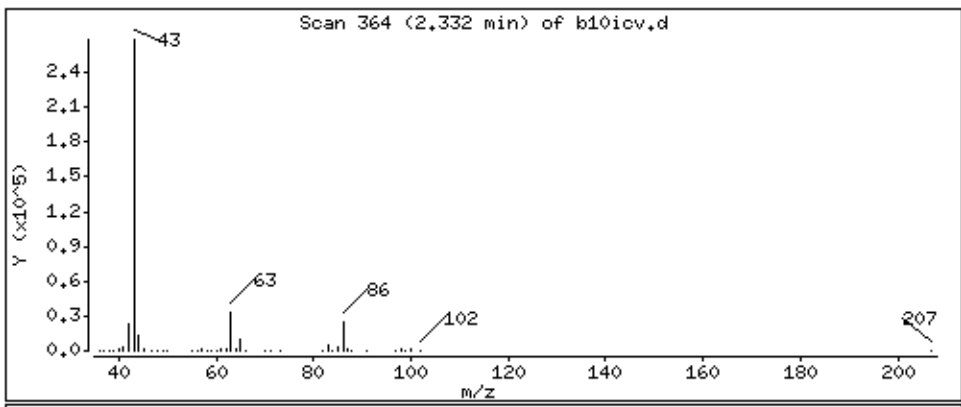
Column phase: DB-624

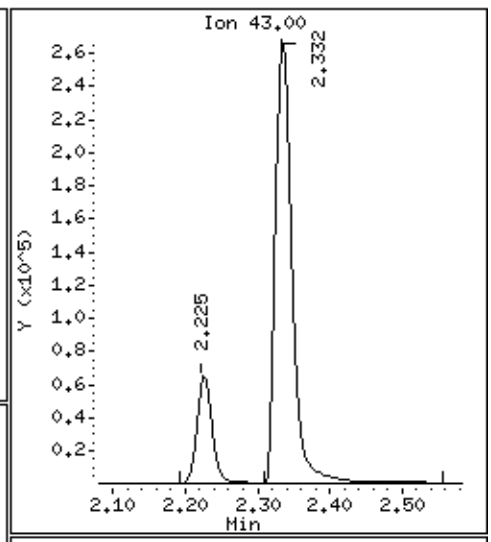
Column diameter: 0.18

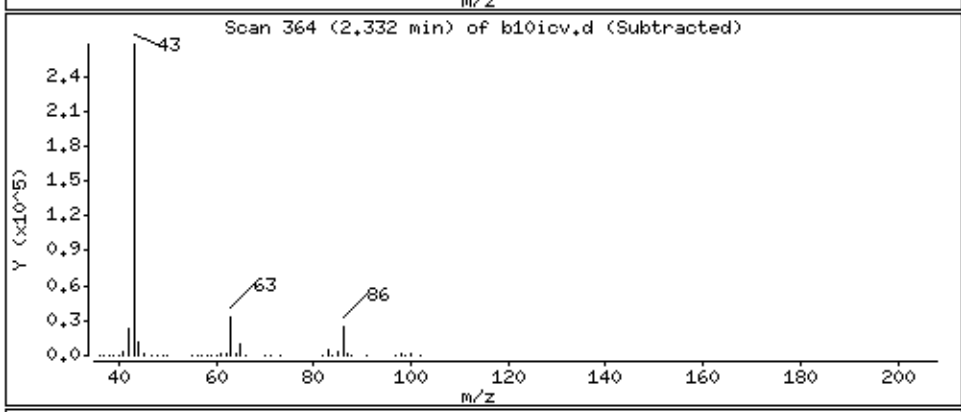
24 Vinyl Acetate

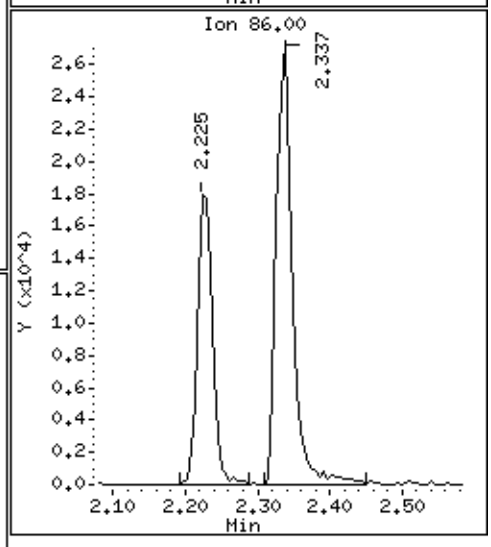
Concentration: 205 ppb

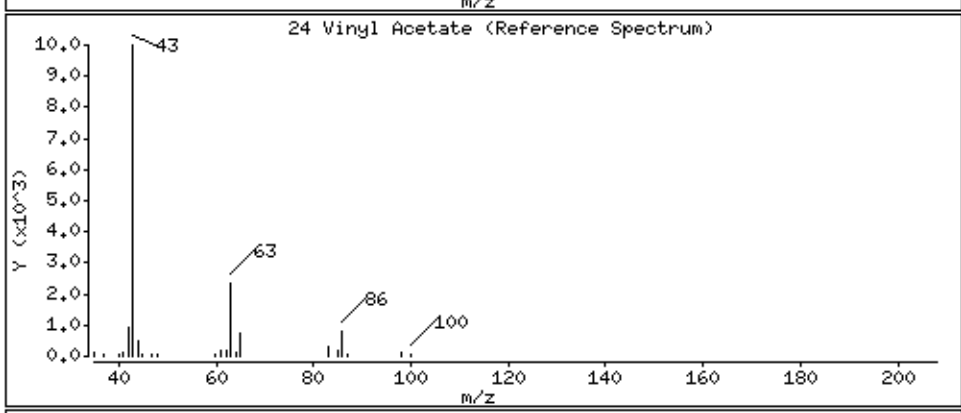
Review Code:

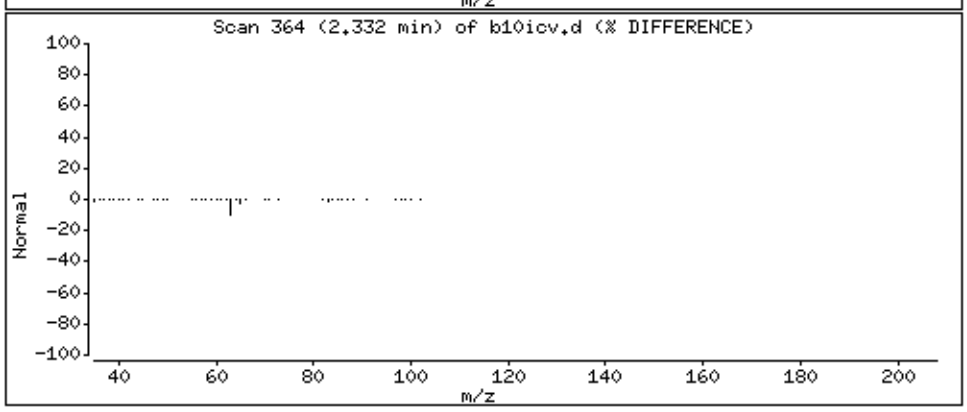












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

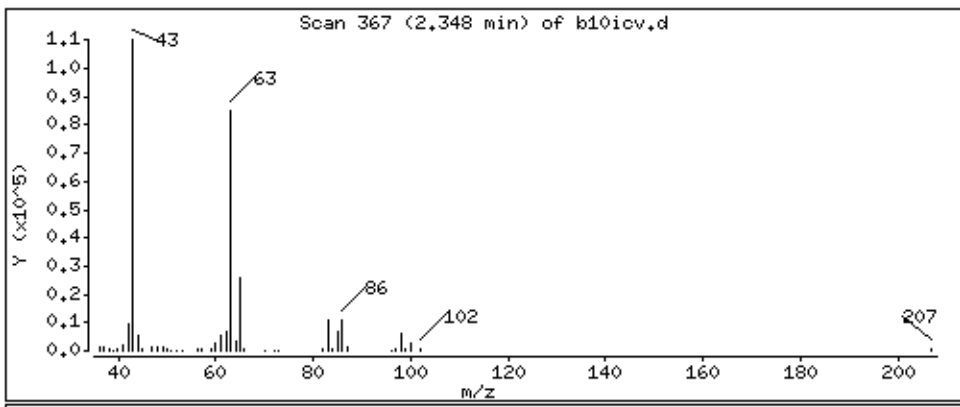
Column phase: DB-624

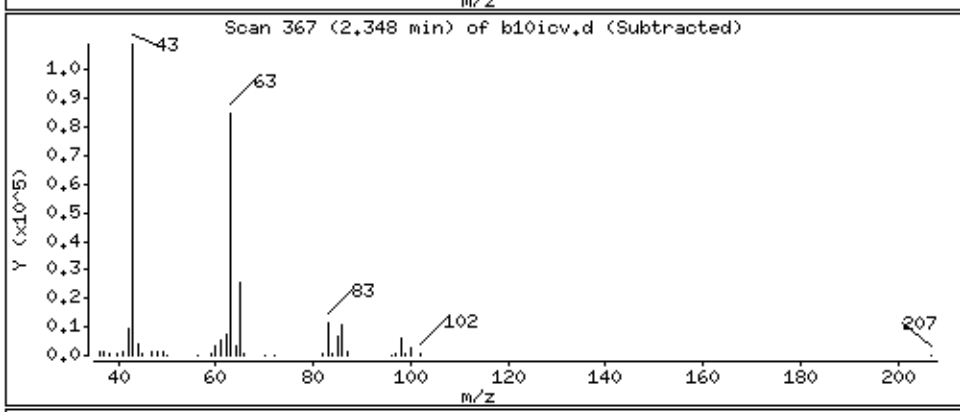
Column diameter: 0.18

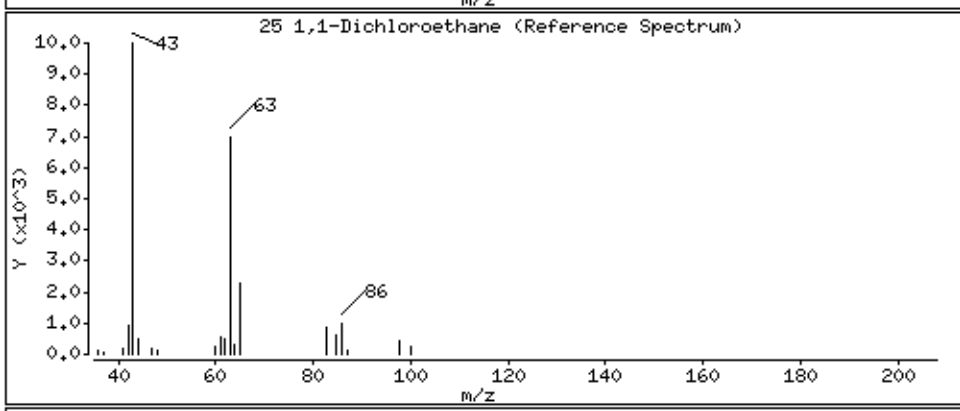
25 1,1-Dichloroethane

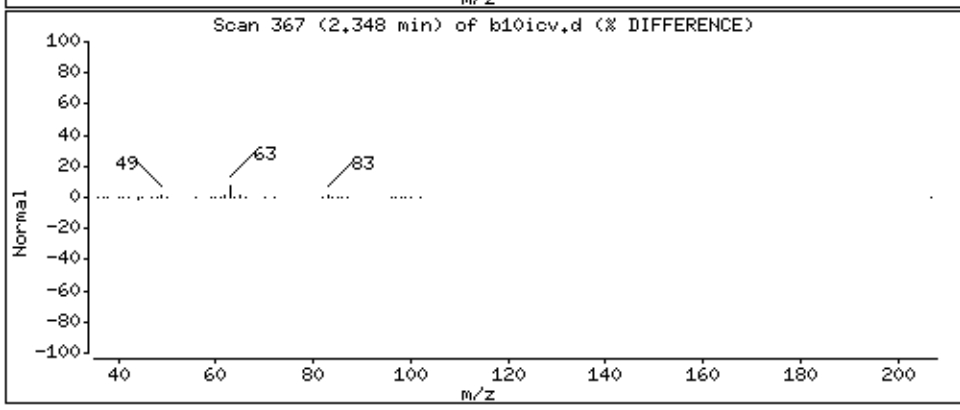
Concentration: 47.3 ppb

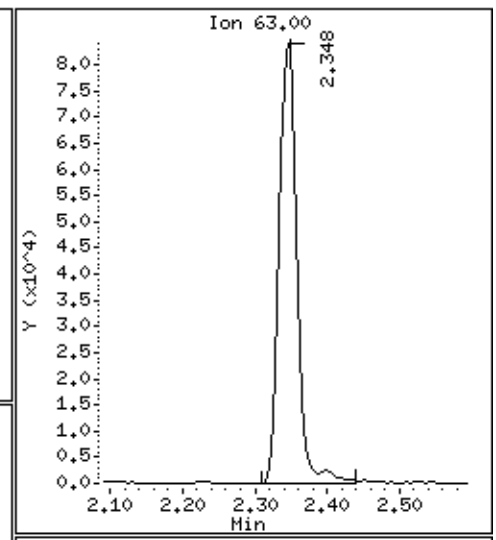
Review Code:

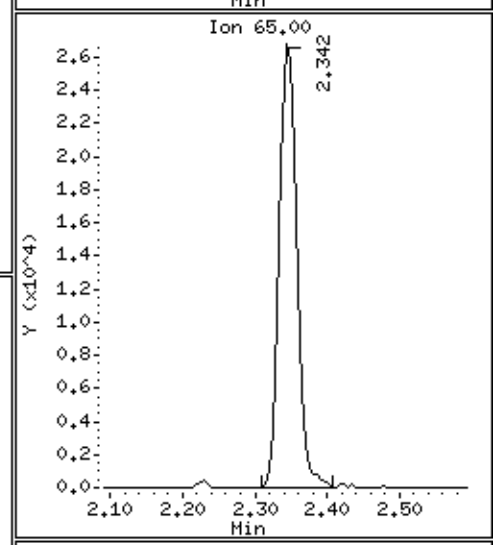


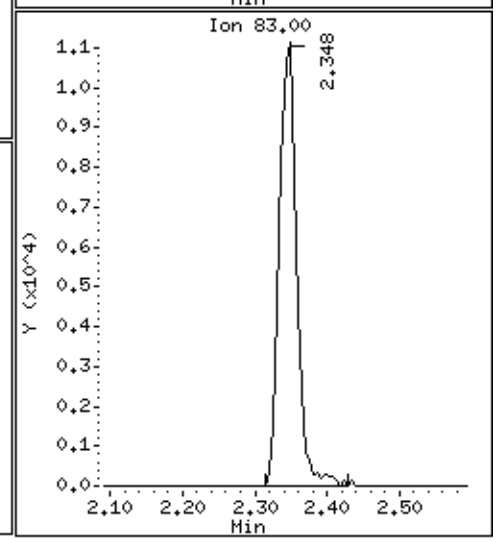












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

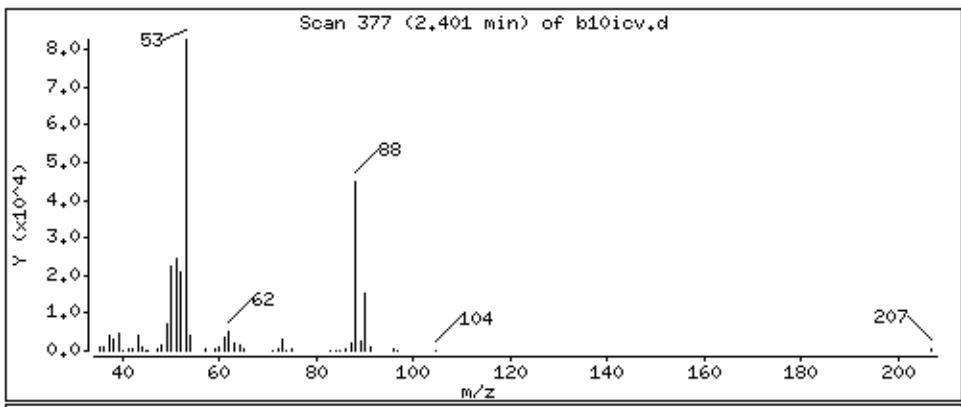
Column phase: DB-624

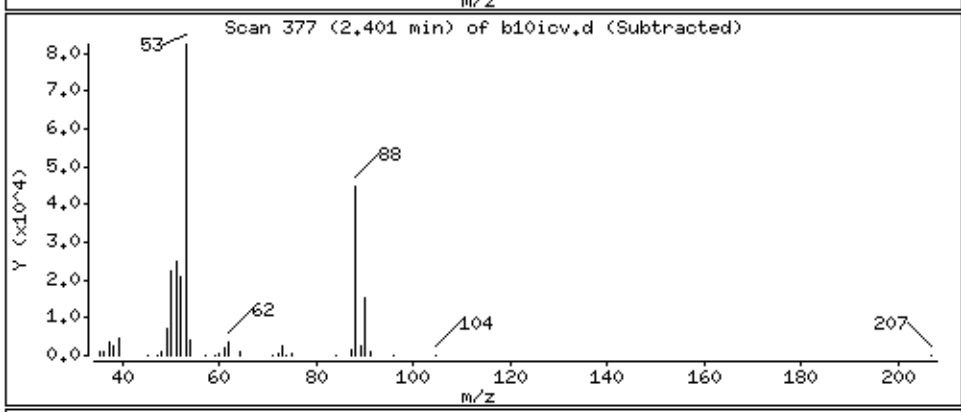
Column diameter: 0.18

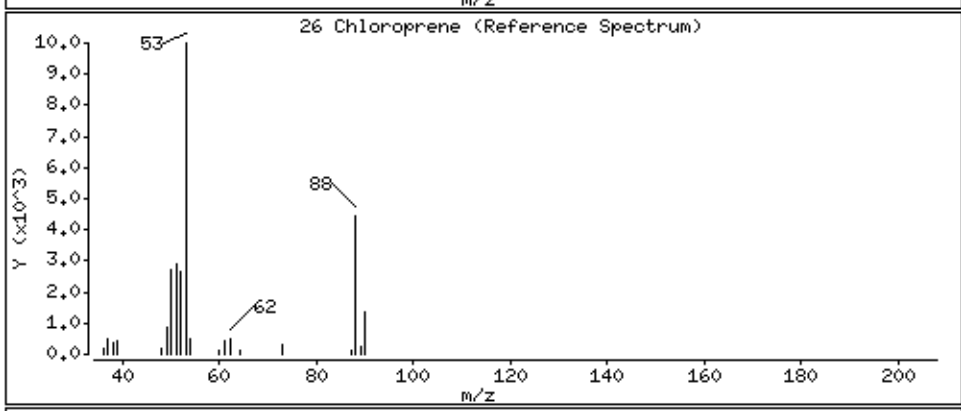
26 Chloroprene

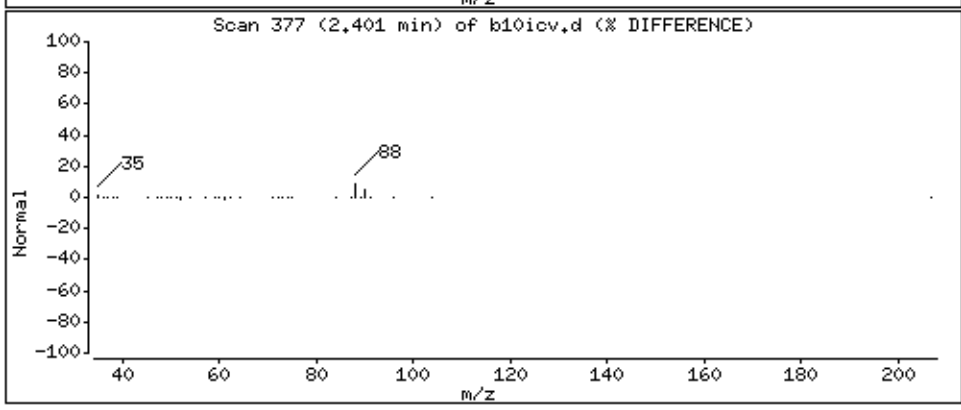
Concentration: 45.8 ppb

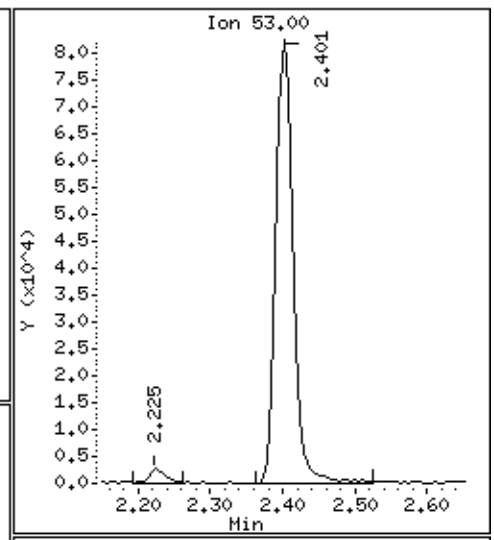
Review Code:

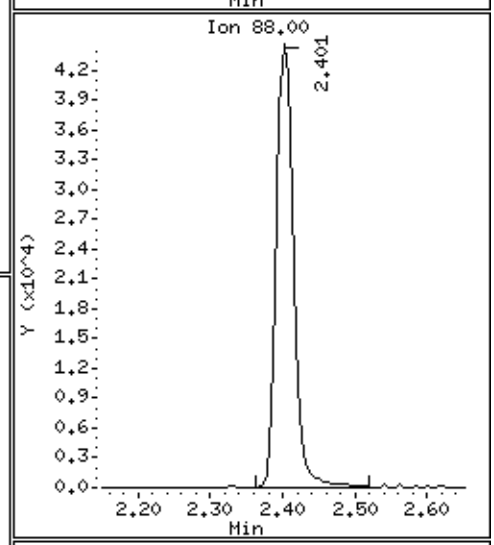


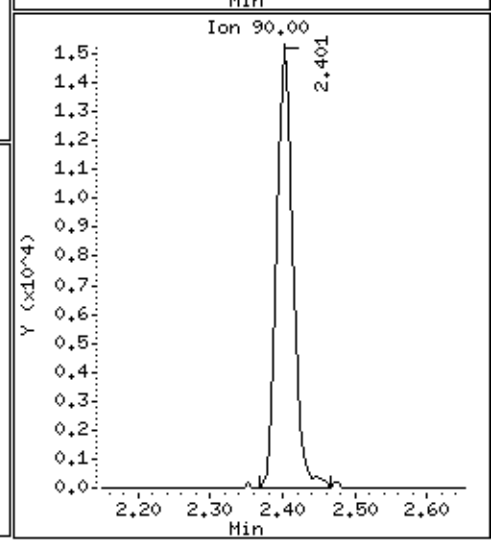












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

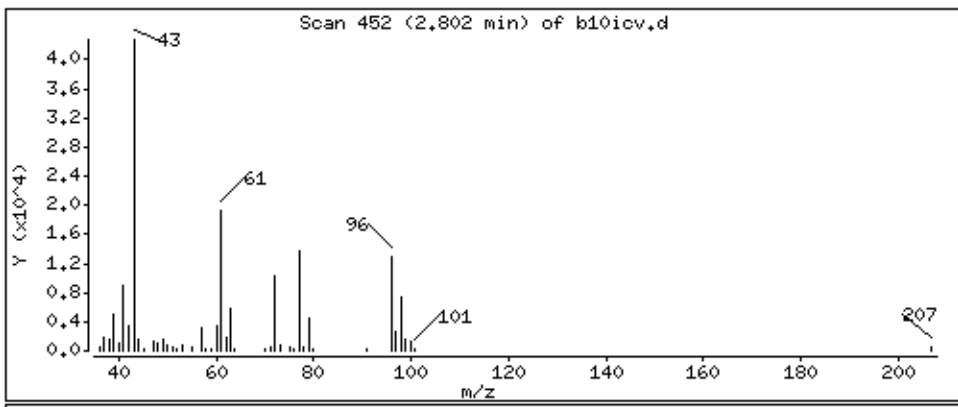
Column phase: DB-624

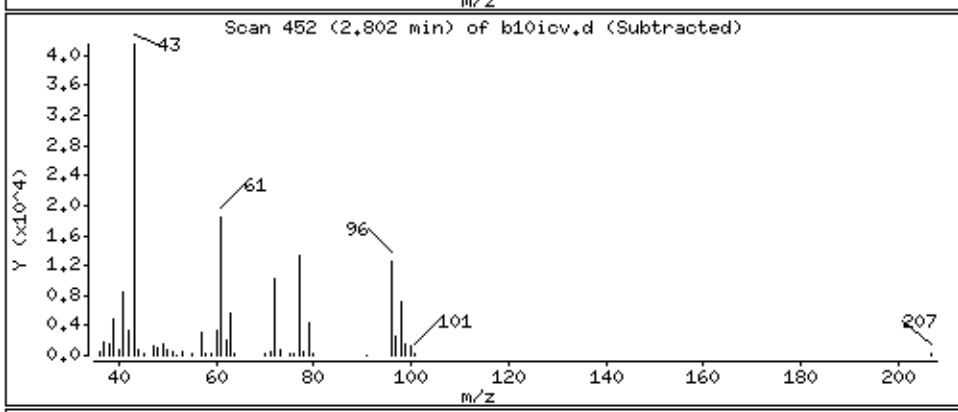
Column diameter: 0.18

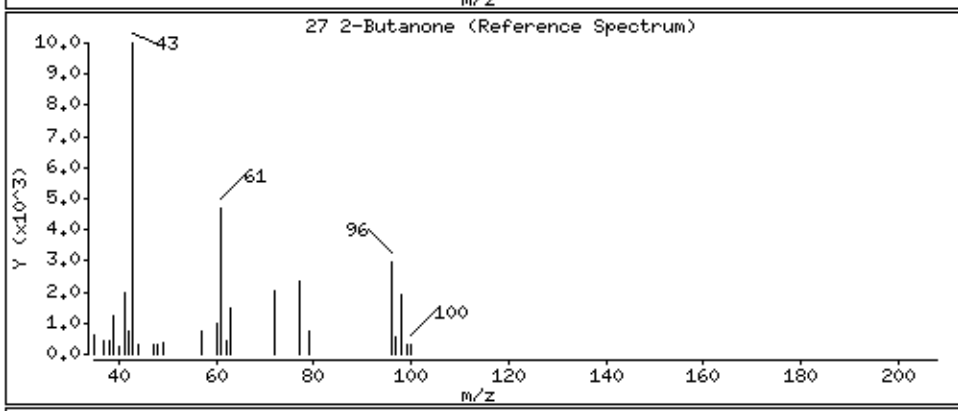
27 2-Butanone

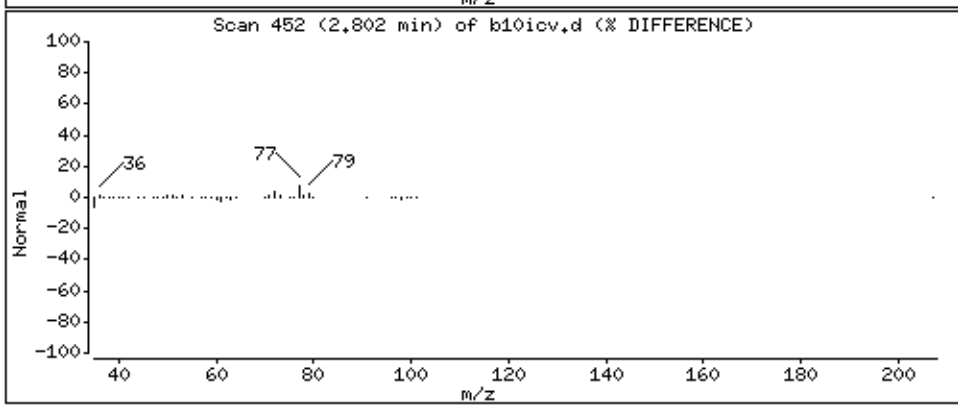
Concentration: 258 ppb

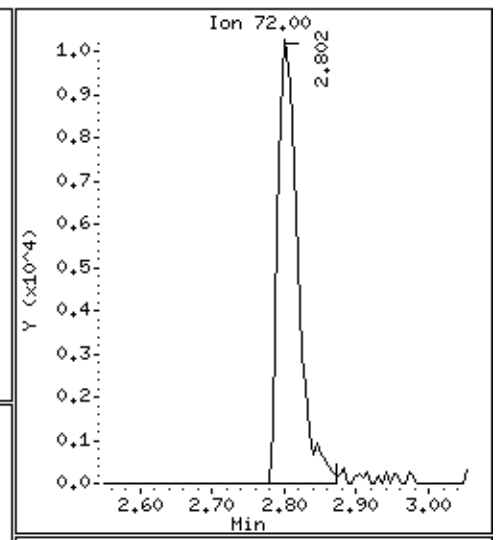
Review Code:

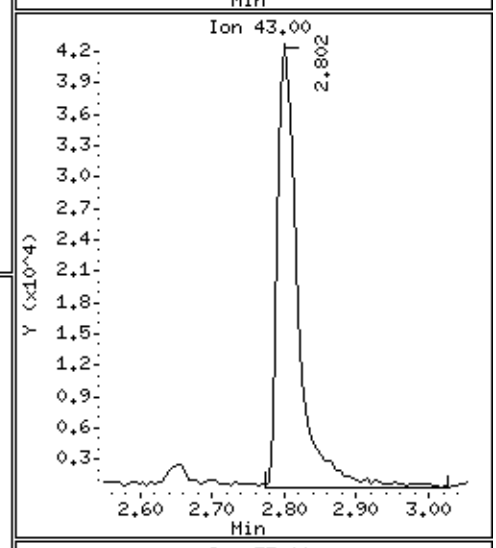


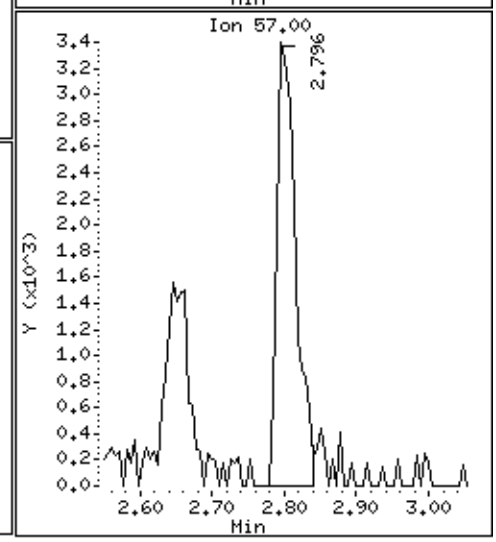












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

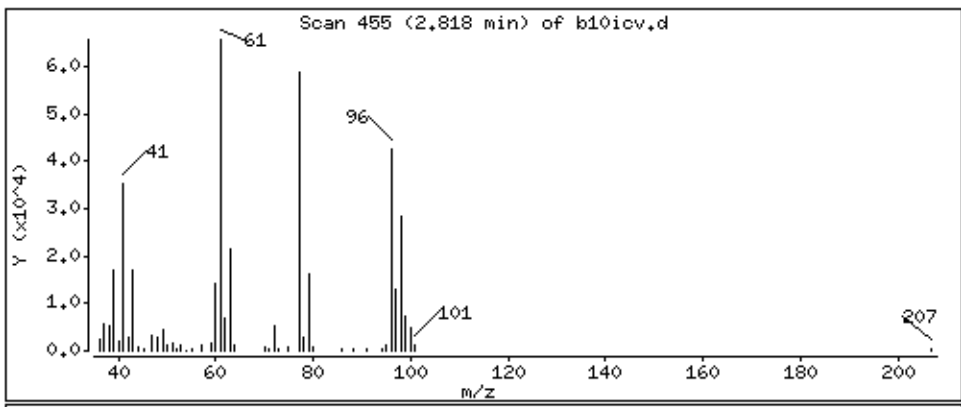
Column phase: DB-624

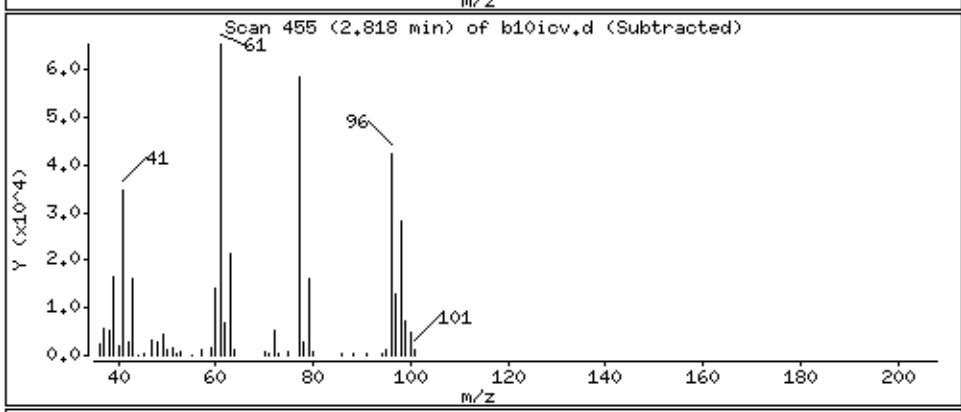
Column diameter: 0.18

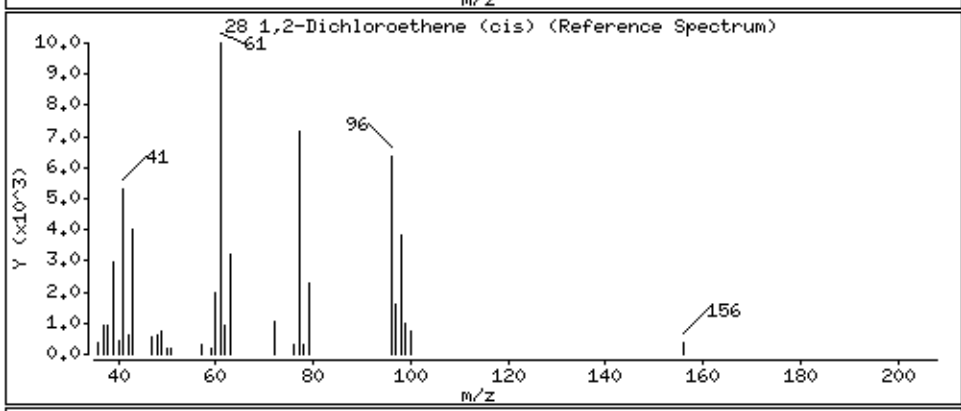
28 1,2-Dichloroethene (cis)

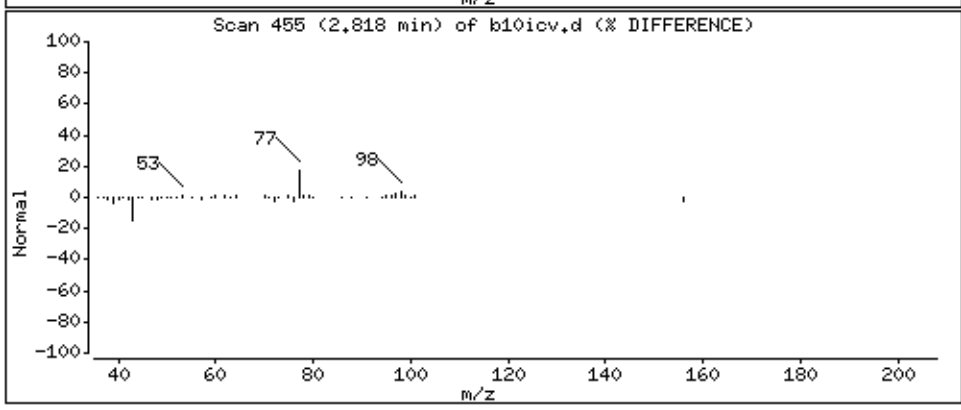
Concentration: 44.1 ppb

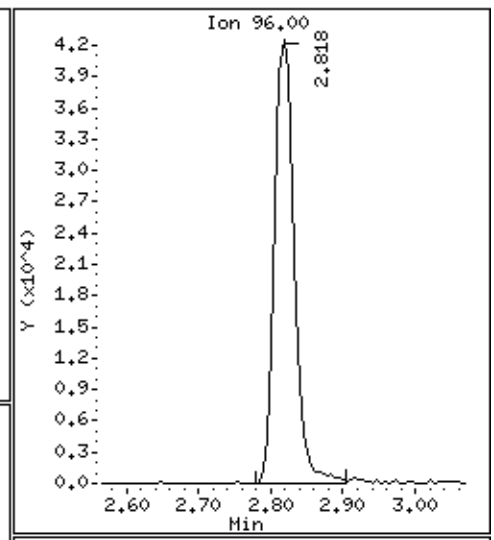
Review Code:

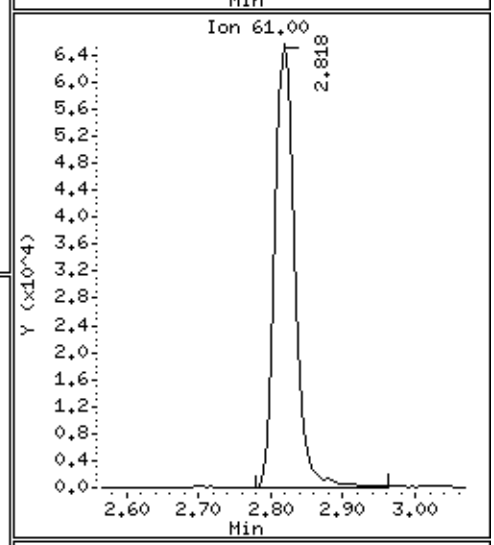


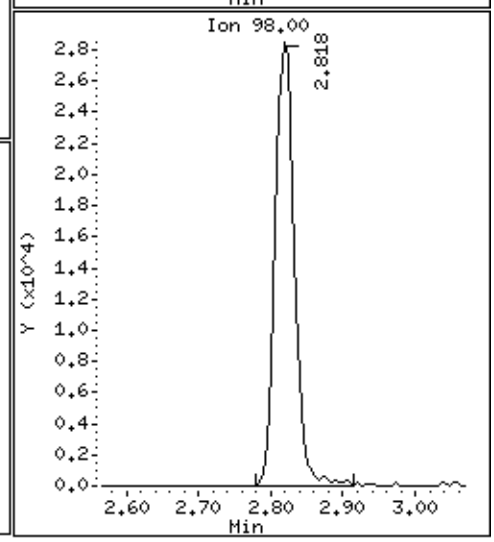












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

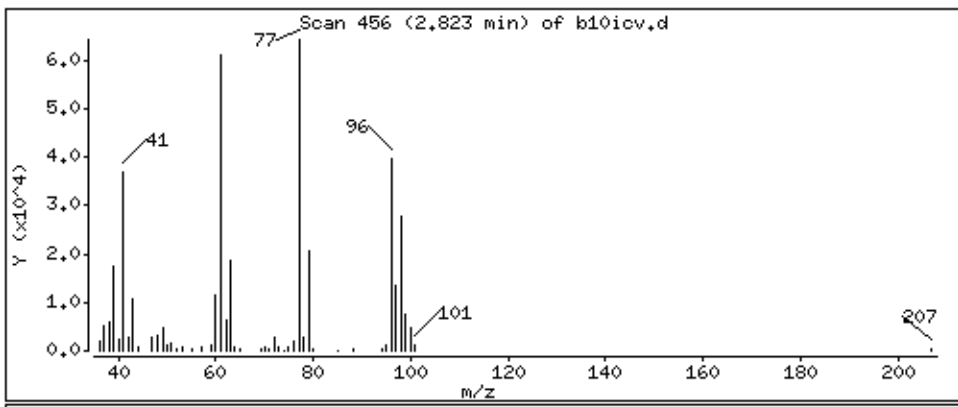
Column phase: DB-624

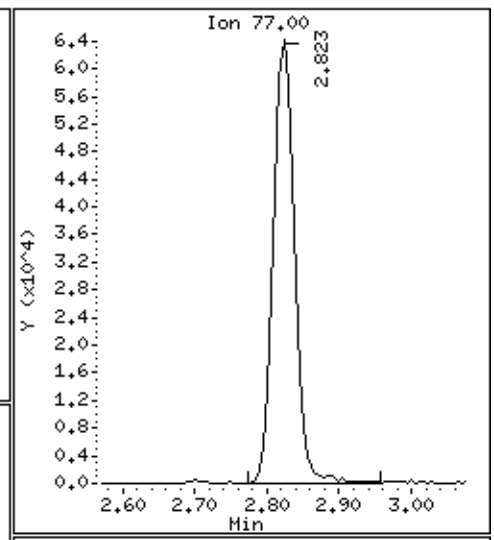
Column diameter: 0.18

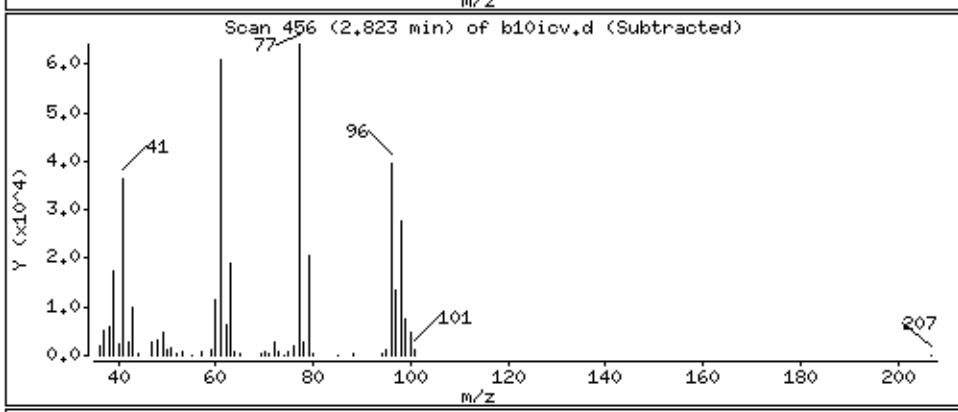
29 2,2-Dichloropropane

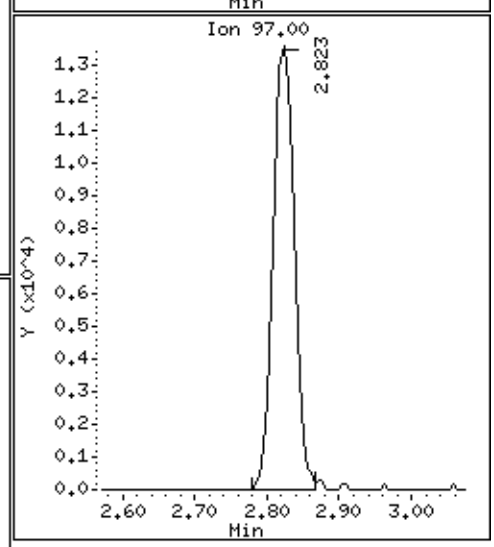
Concentration: 46.8 ppb

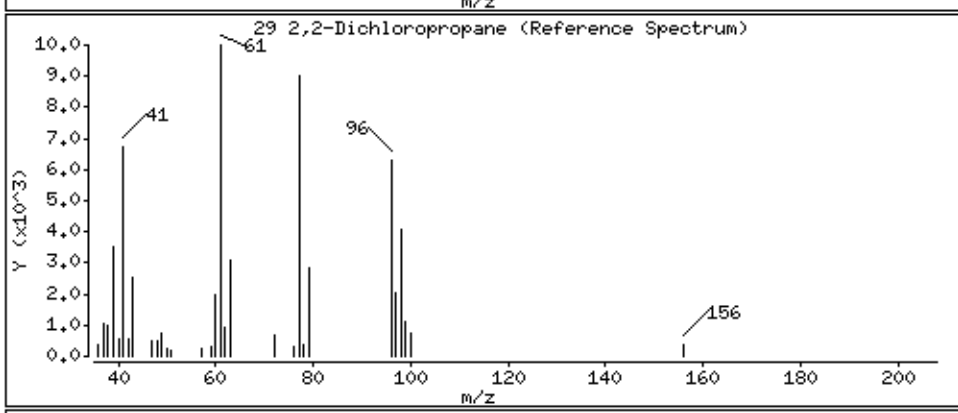
Review Code:

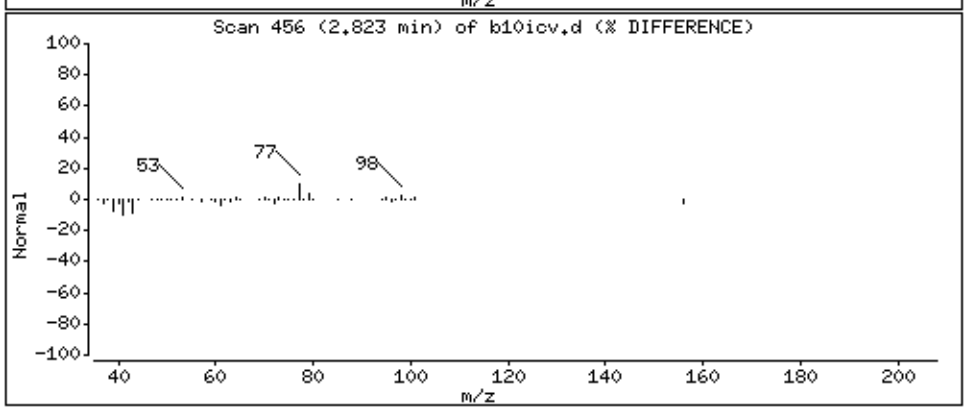












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

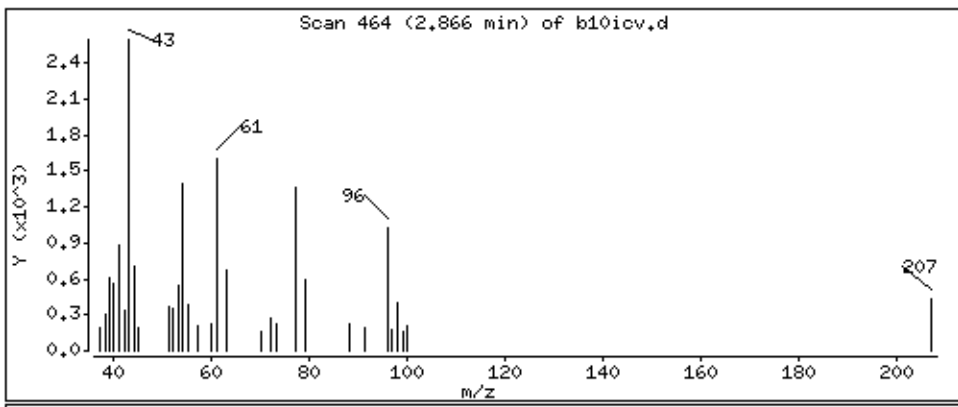
Column phase: DB-624

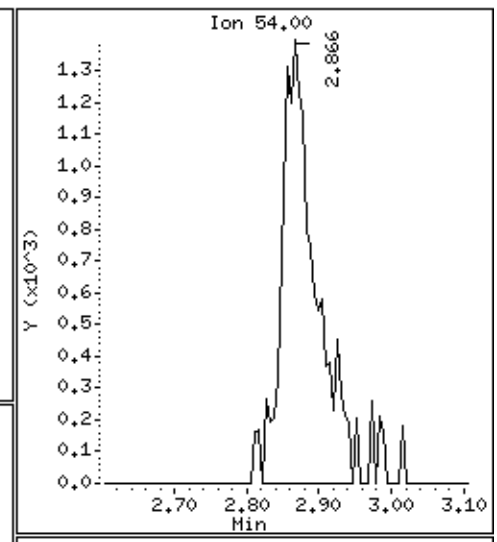
Column diameter: 0.18

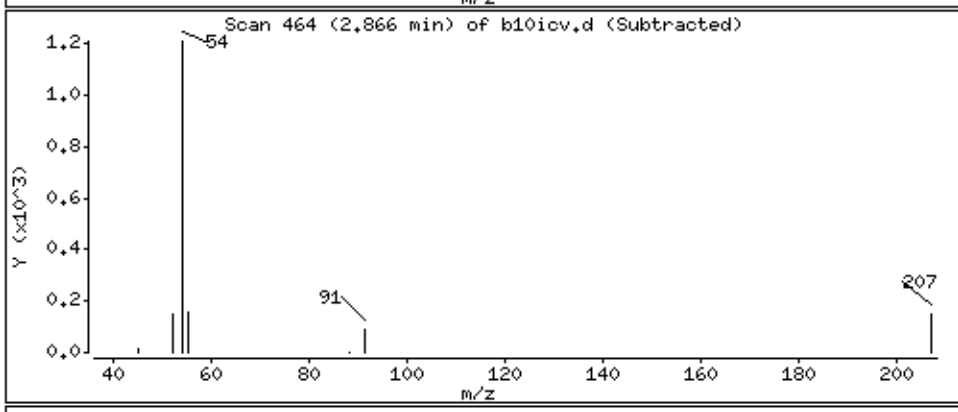
30 Propionitrile

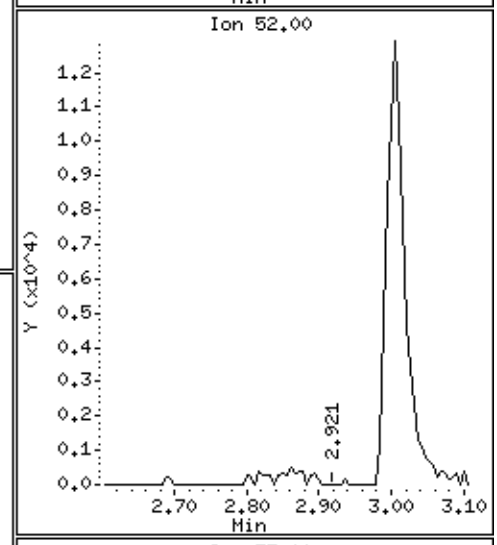
Concentration: 45.2 ppb

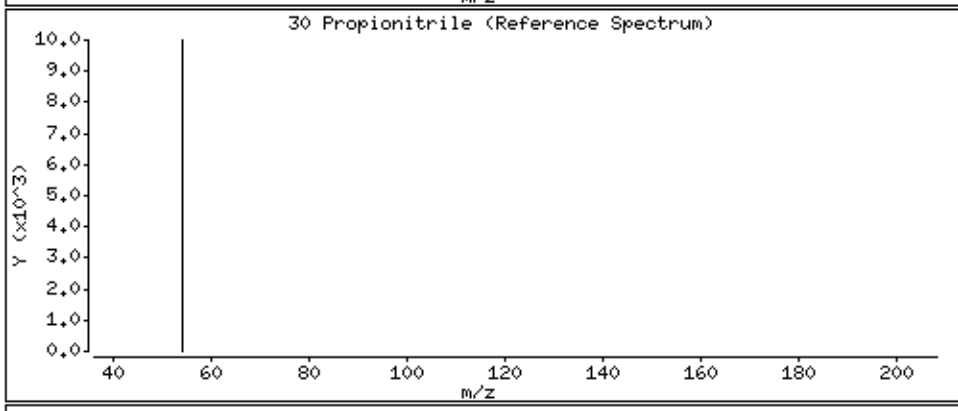
Review Code: NI

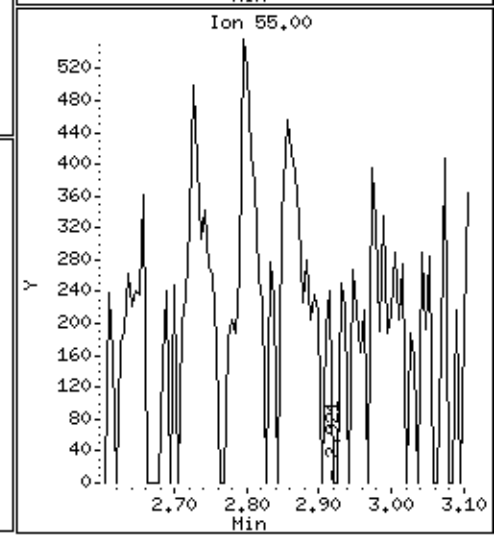


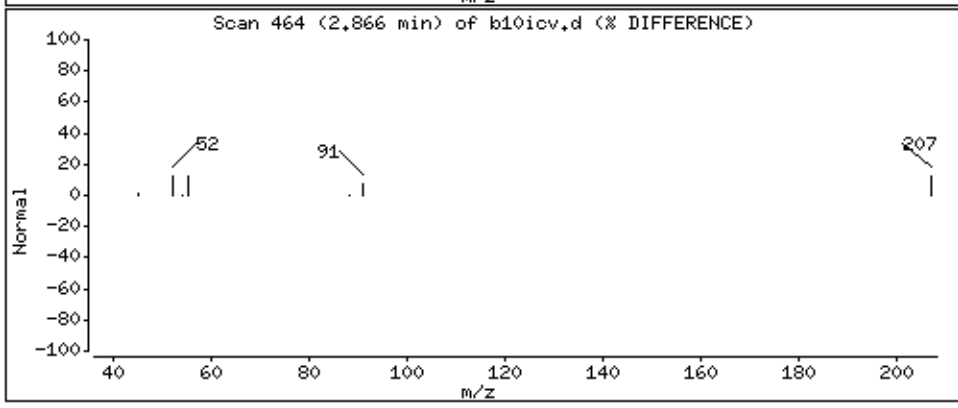












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

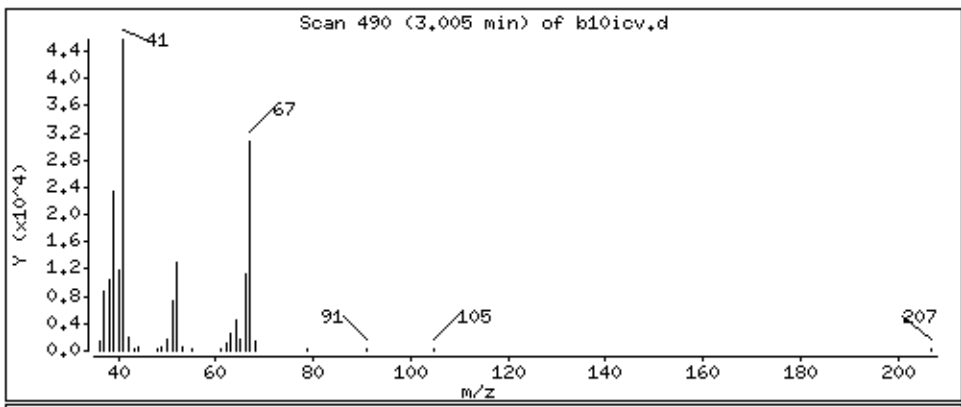
Column phase: DB-624

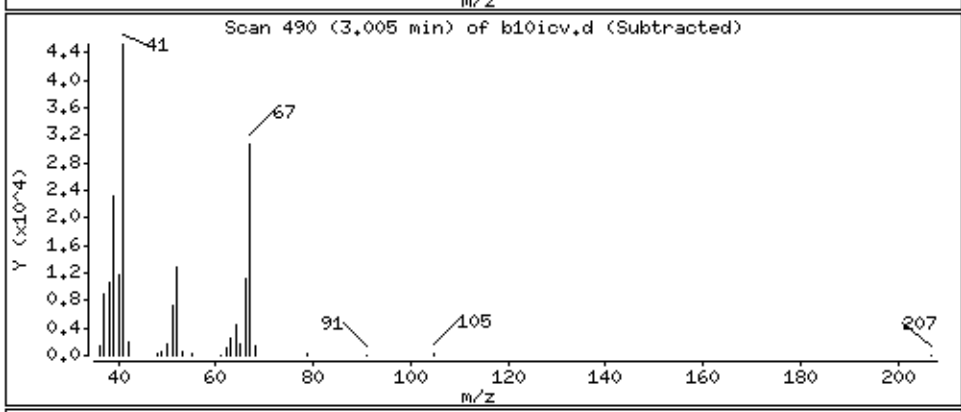
Column diameter: 0.18

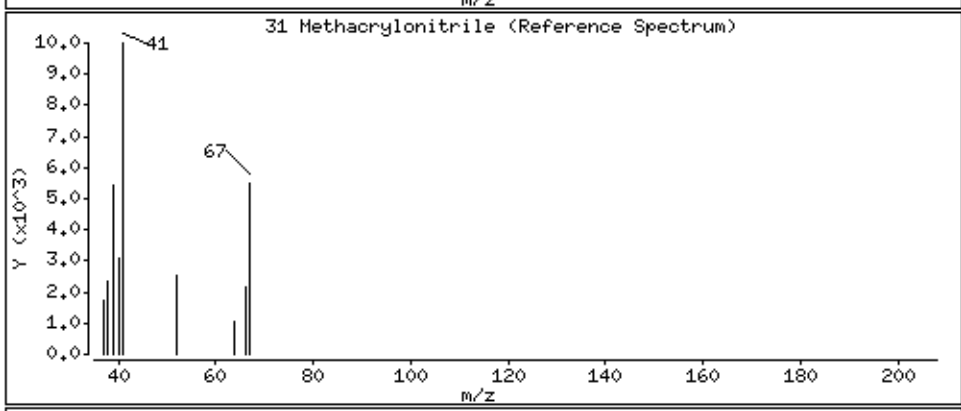
31 Methacrylonitrile

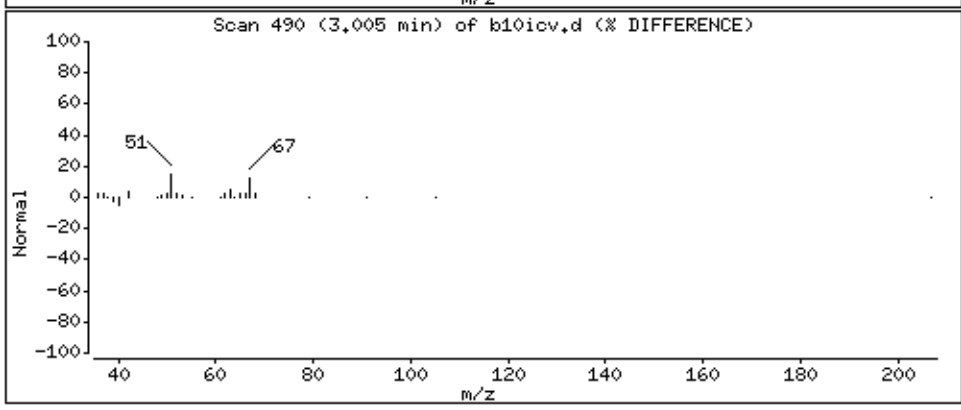
Concentration: 220 ppb

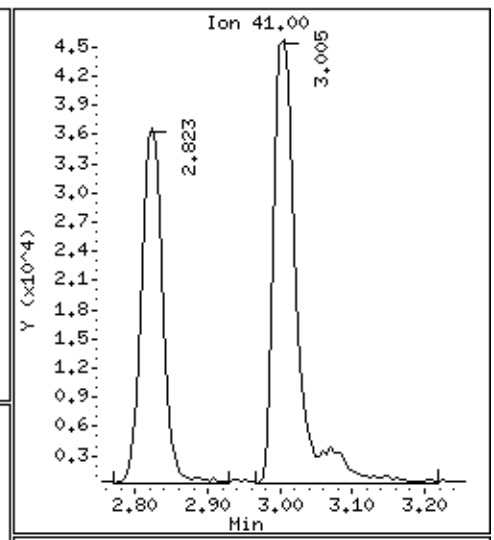
Review Code:

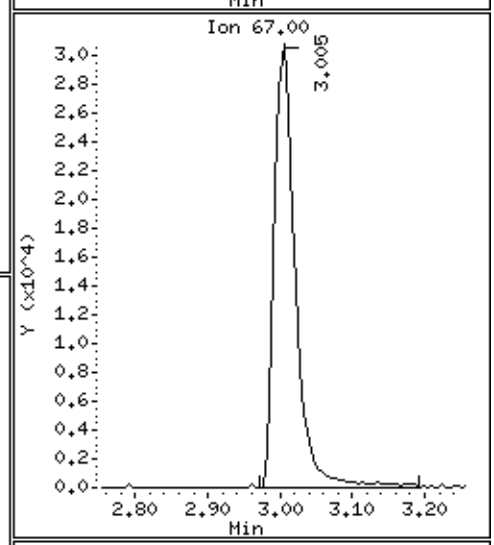


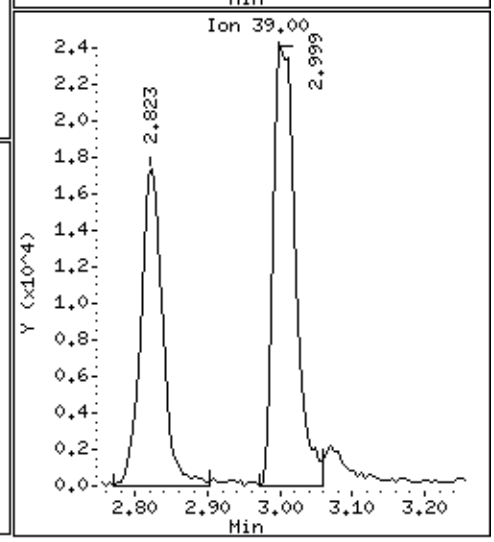












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

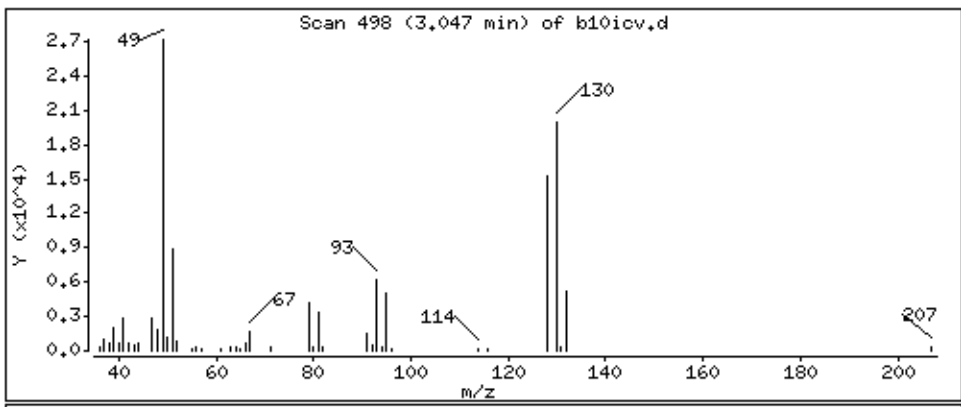
Column phase: DB-624

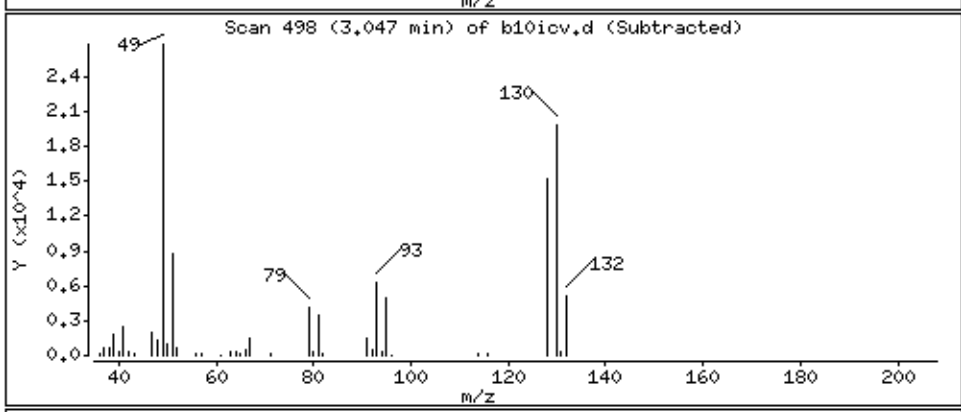
Column diameter: 0.18

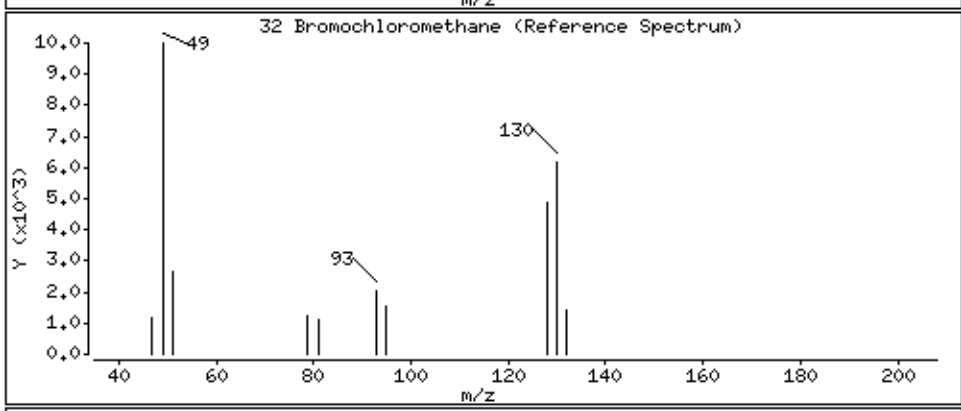
32 Bromochloromethane

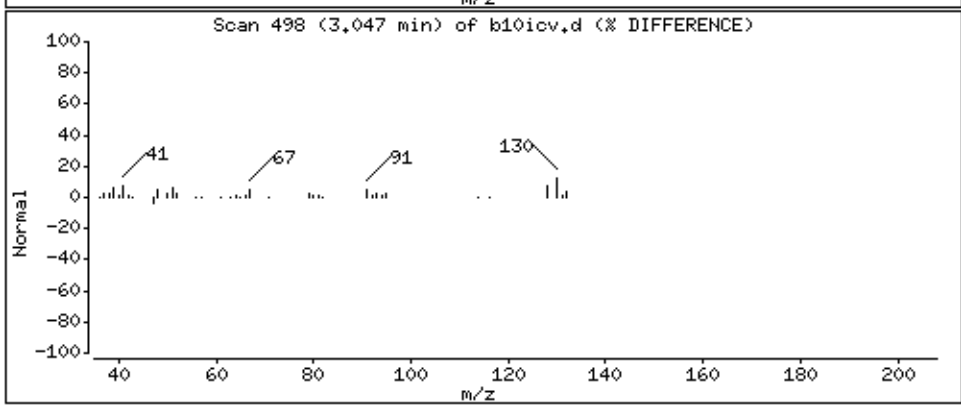
Concentration: 51.4 ppb

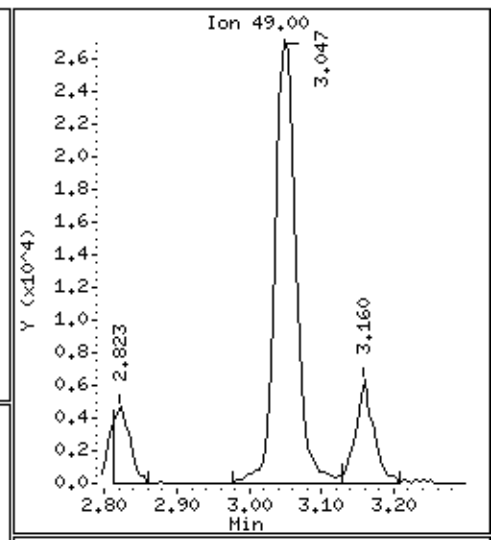
Review Code:

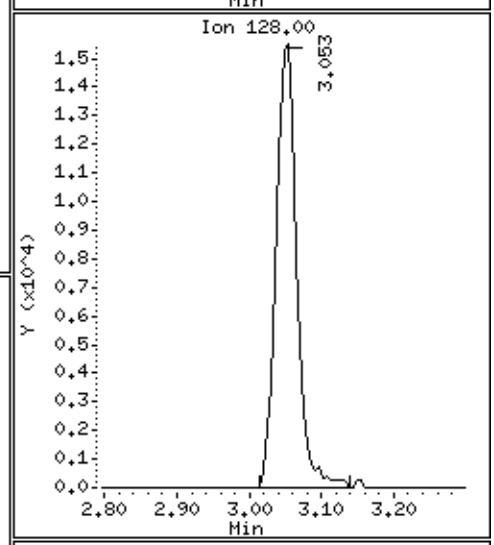


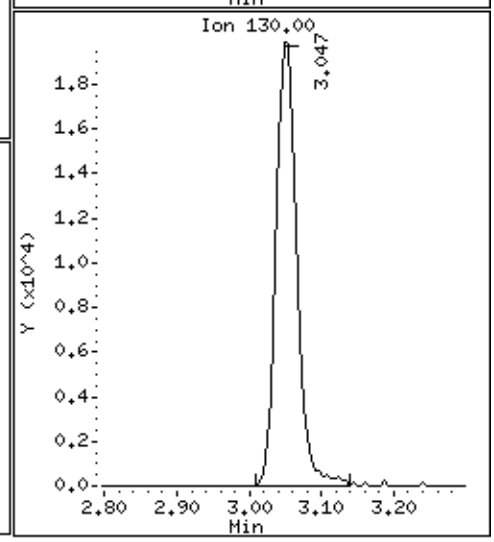












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

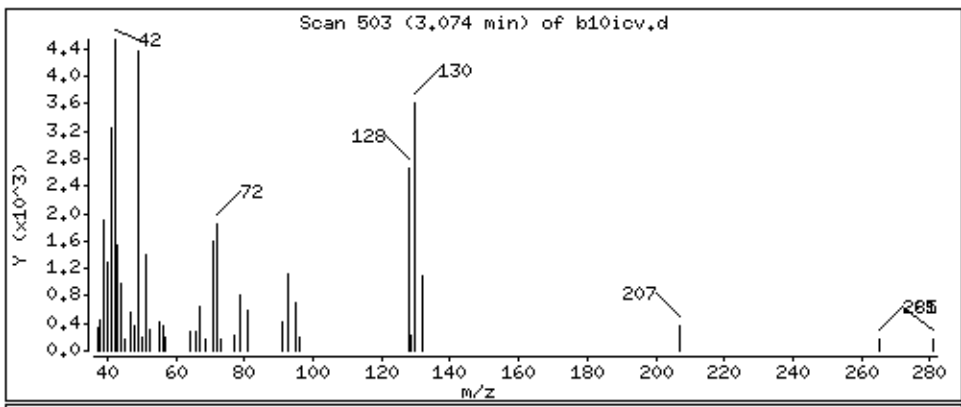
Column phase: DB-624

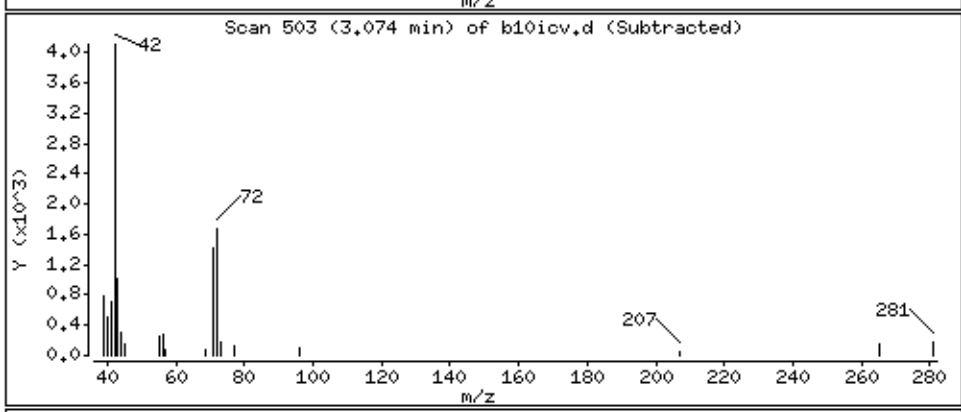
Column diameter: 0.18

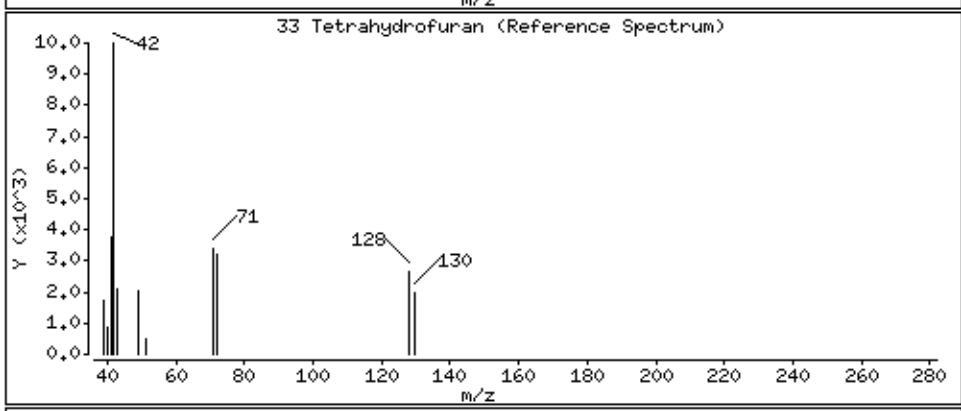
33 Tetrahydrofuran

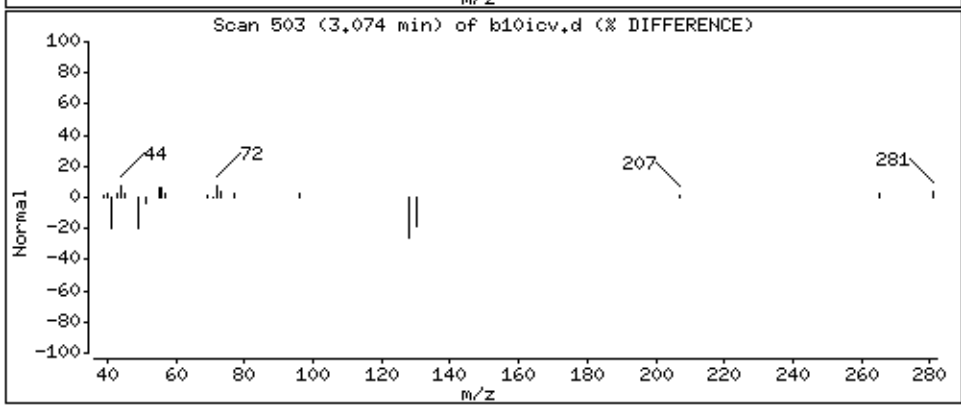
Concentration: 43.9 ppb

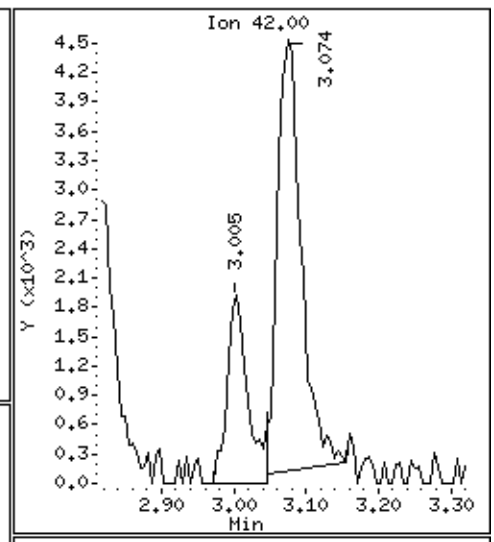
Review Code:

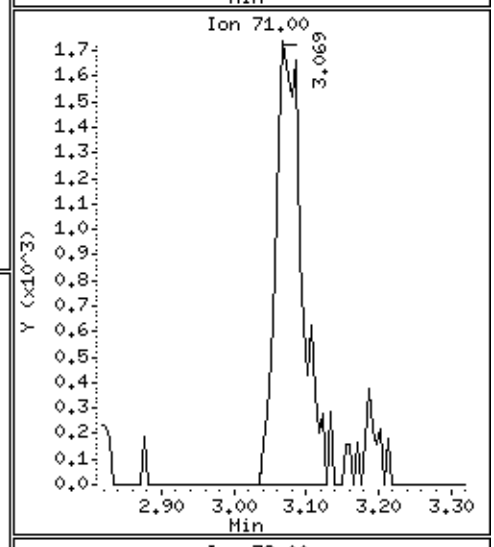


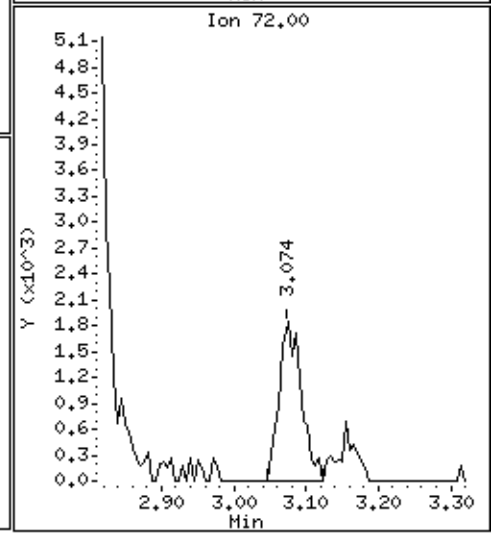












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

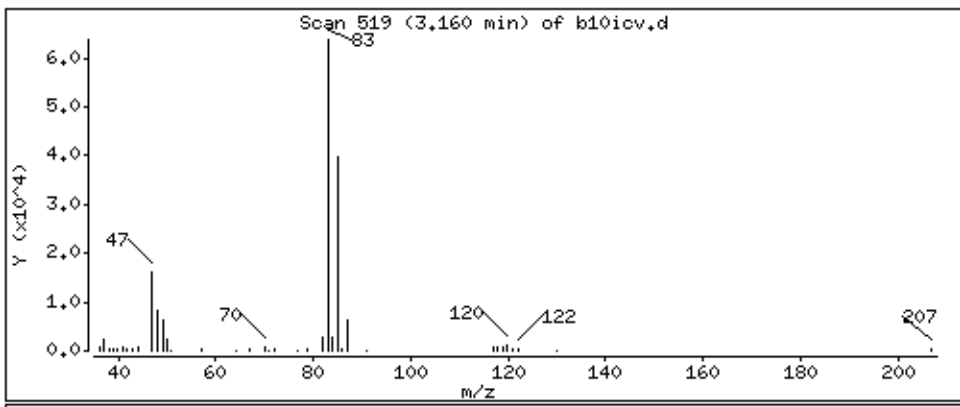
Column phase: DB-624

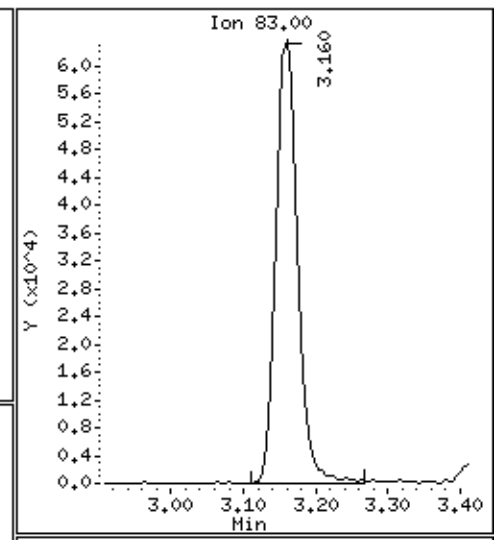
Column diameter: 0.18

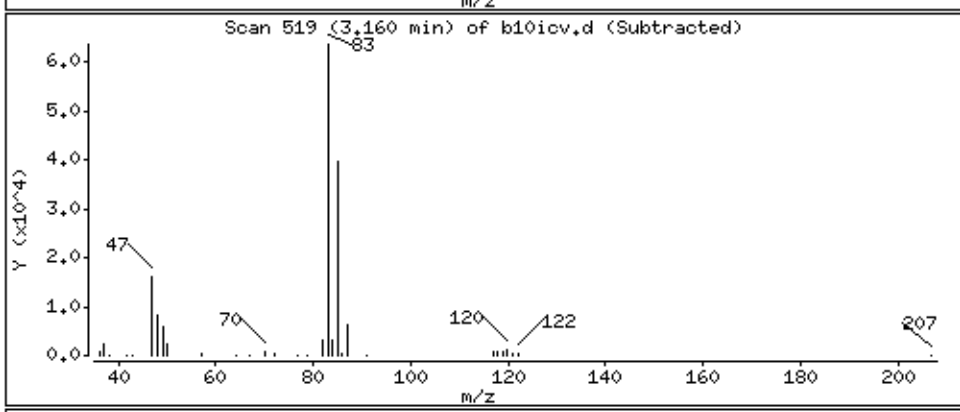
34 Chloroform

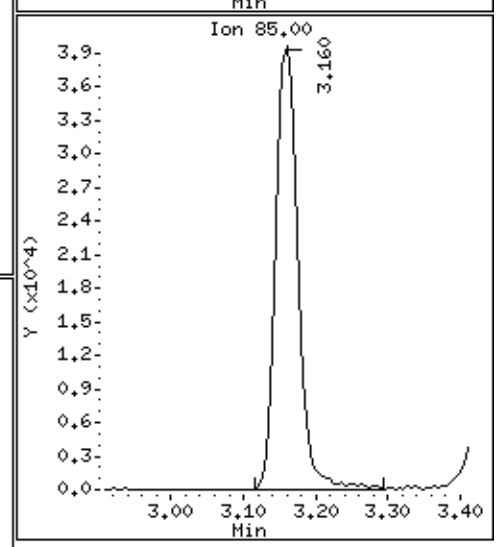
Concentration: 45.6 ppb

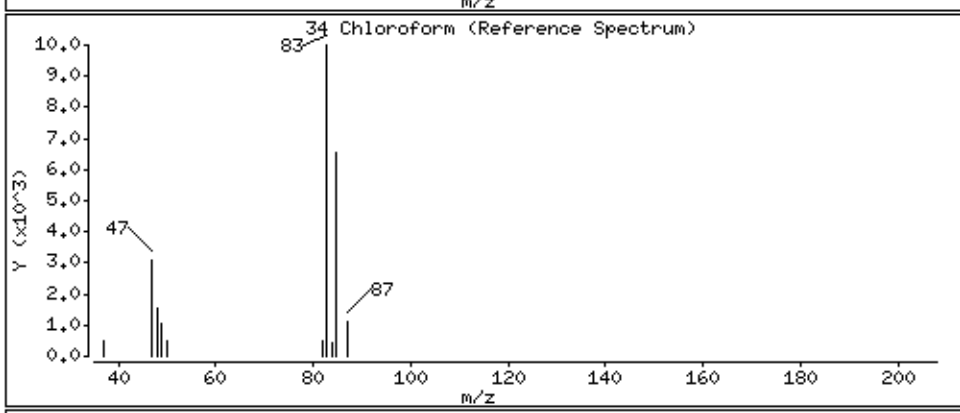
Review Code:

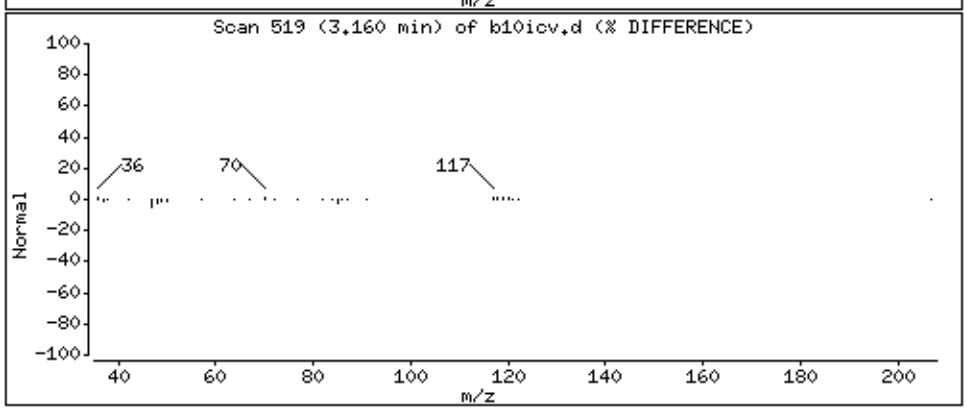












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

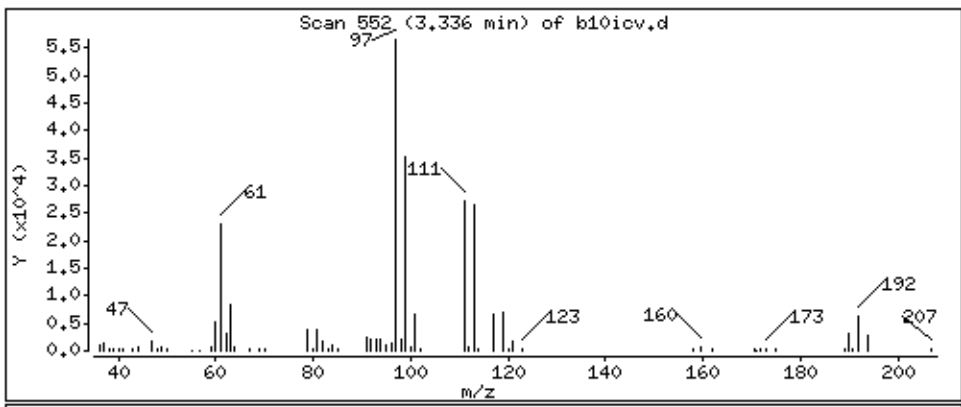
Column phase: DB-624

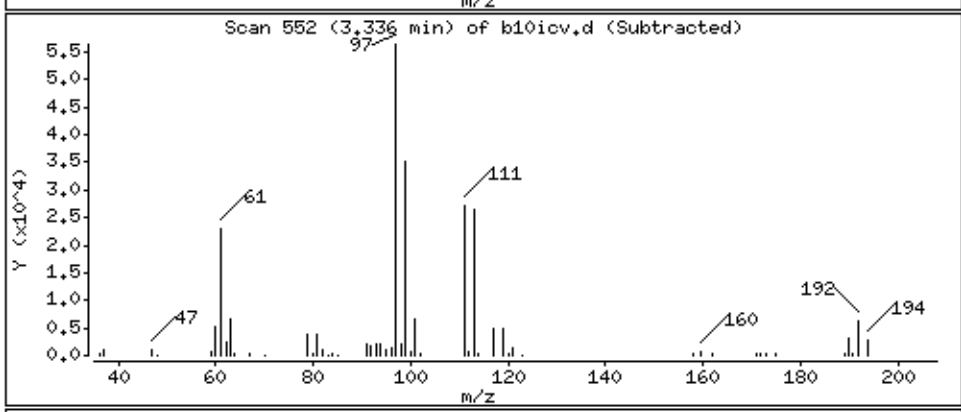
Column diameter: 0.18

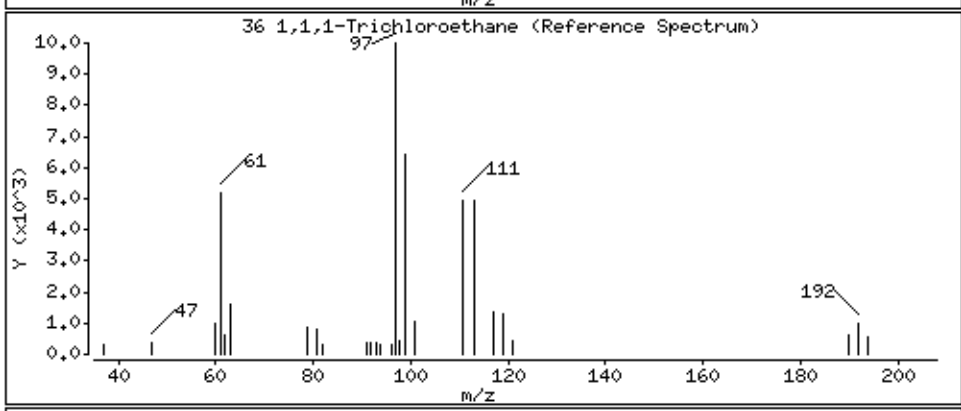
36 1,1,1-Trichloroethane

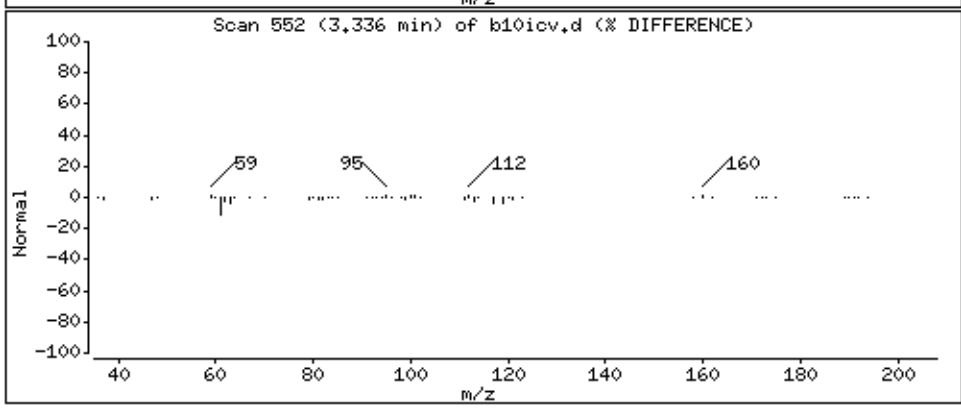
Concentration: 44.8 ppb

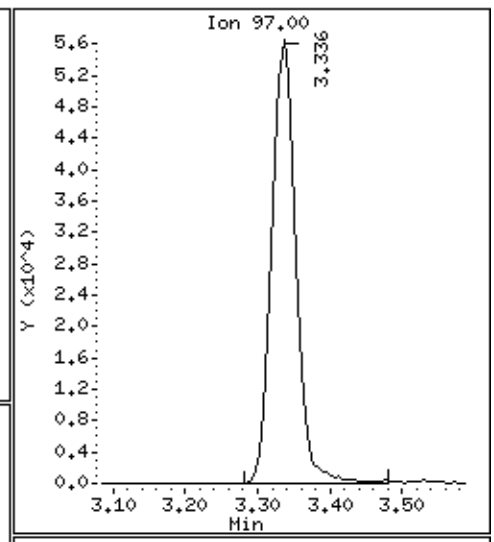
Review Code:

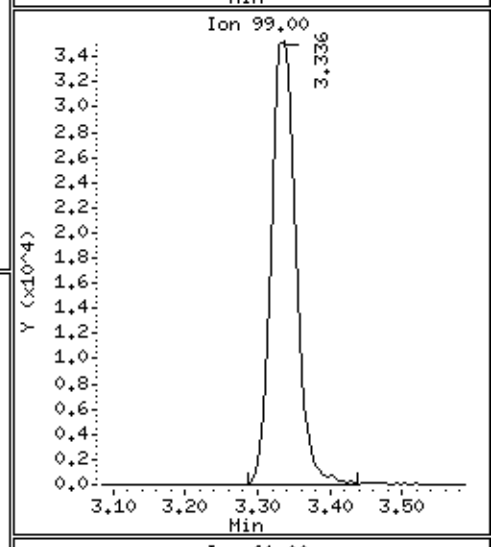


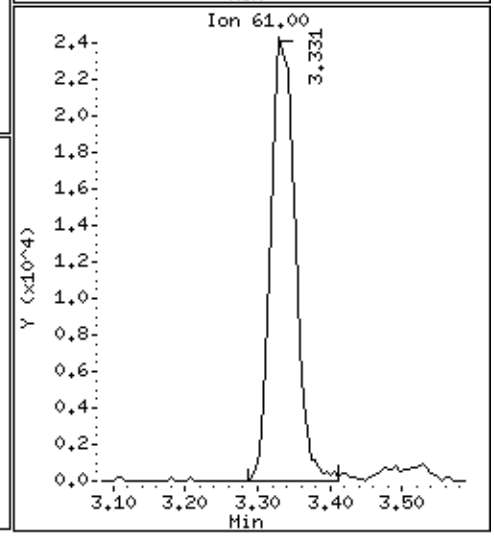












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

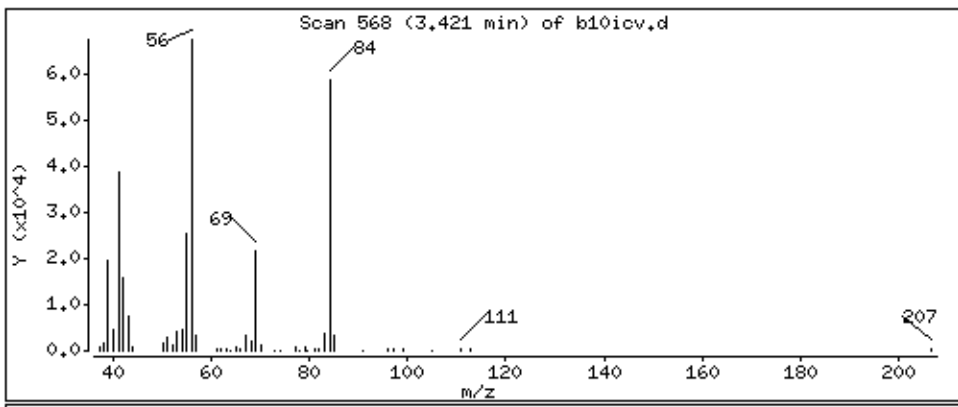
Column phase: DB-624

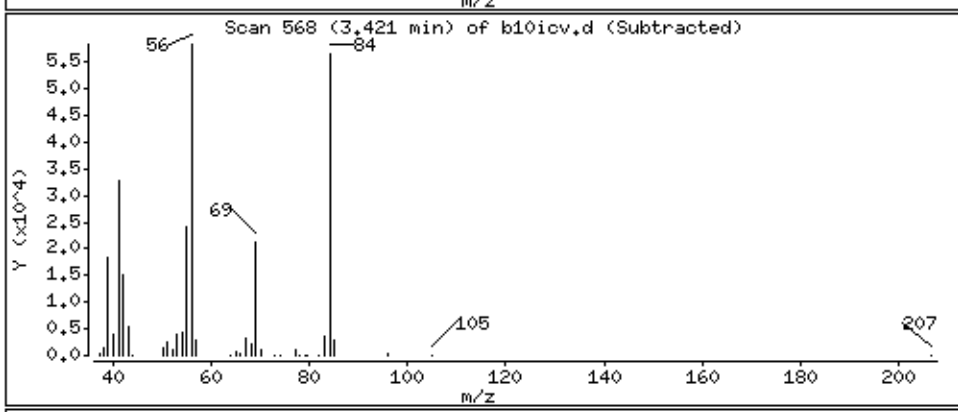
Column diameter: 0.18

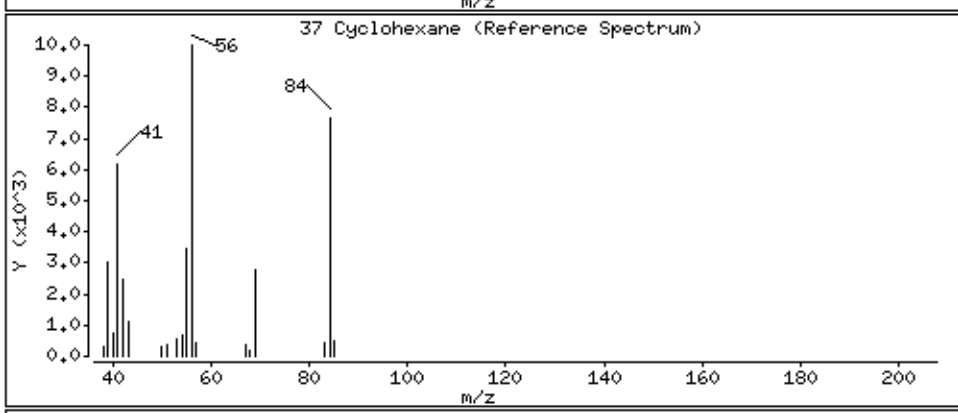
37 Cyclohexane

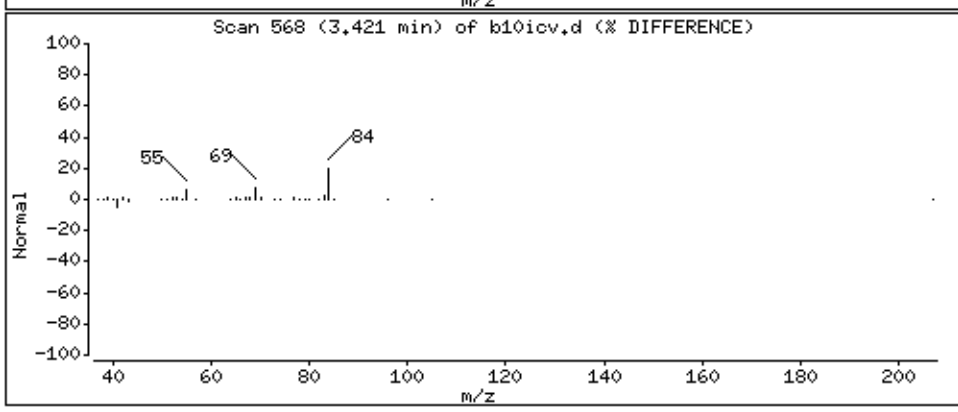
Concentration: 46.9 ppb

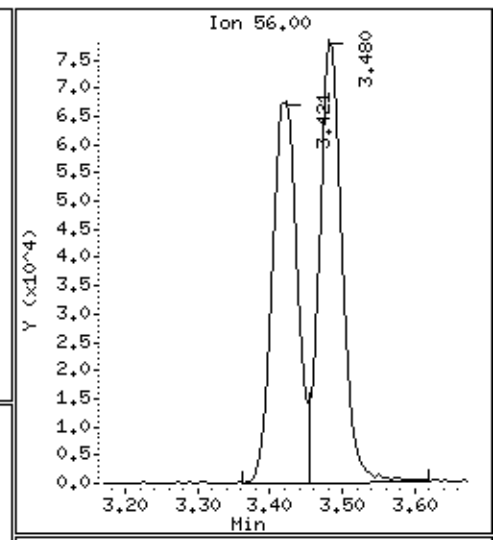
Review Code:

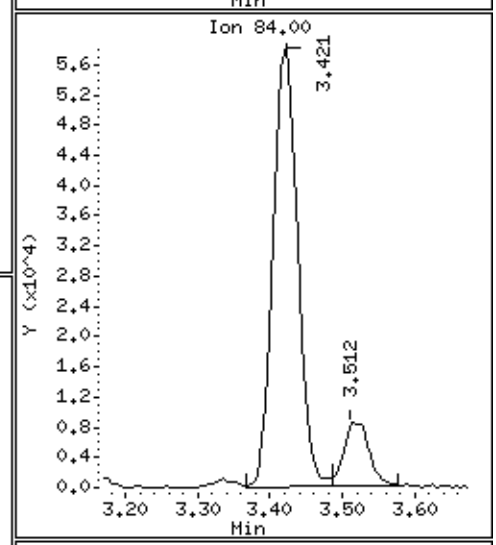


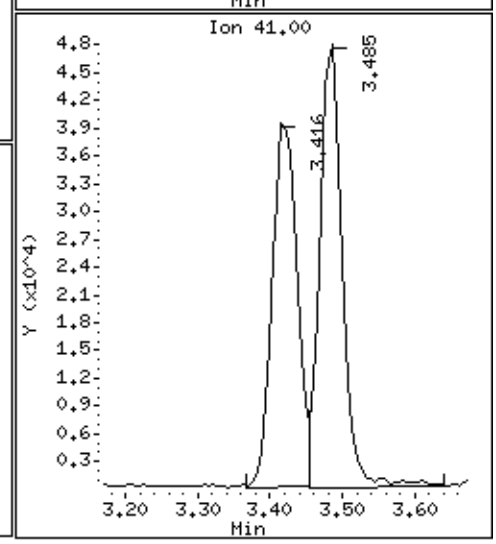












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

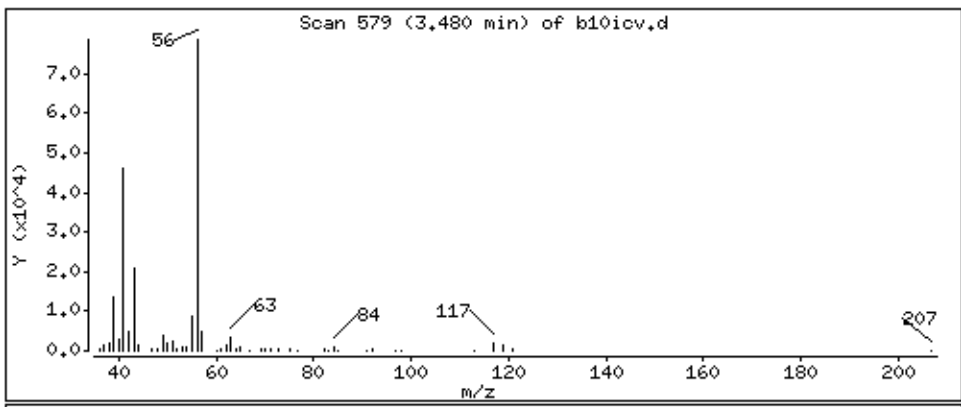
Column phase: DB-624

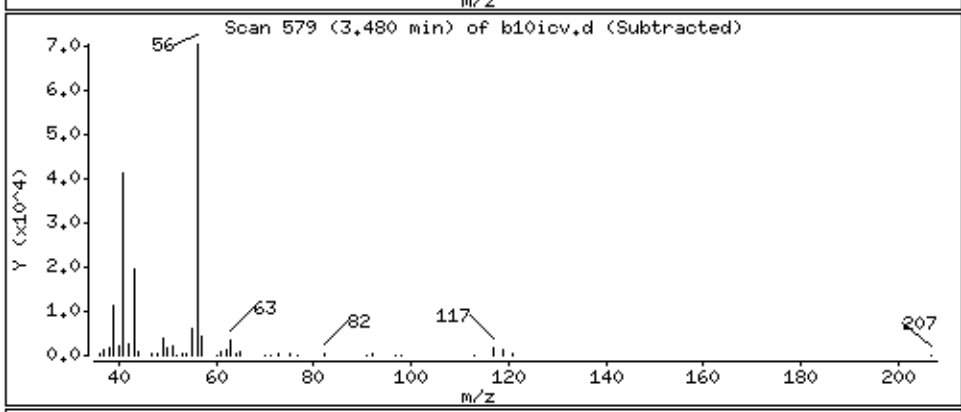
Column diameter: 0.18

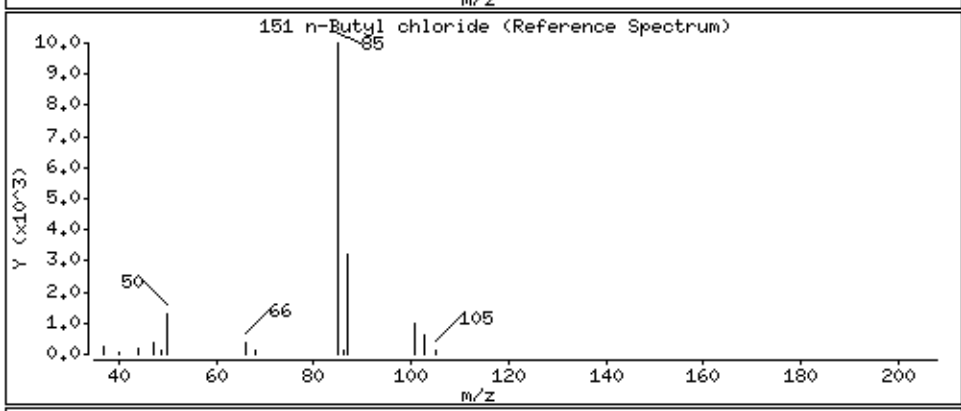
151 n-Butyl chloride

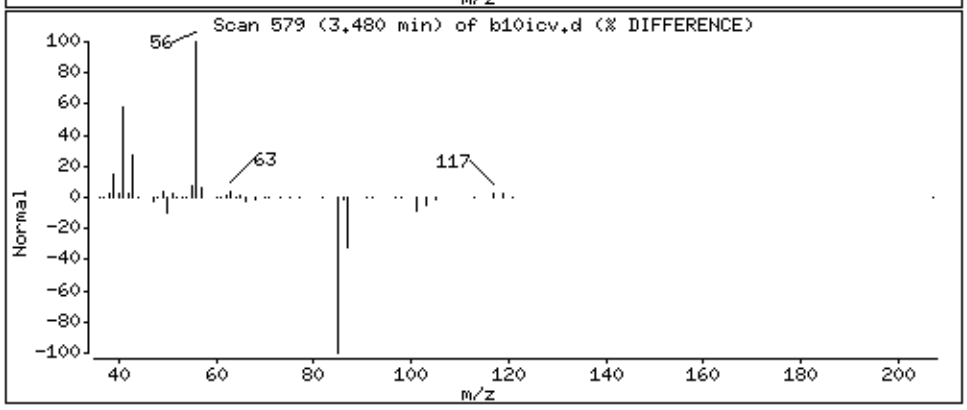
Concentration: 48.1 ppb

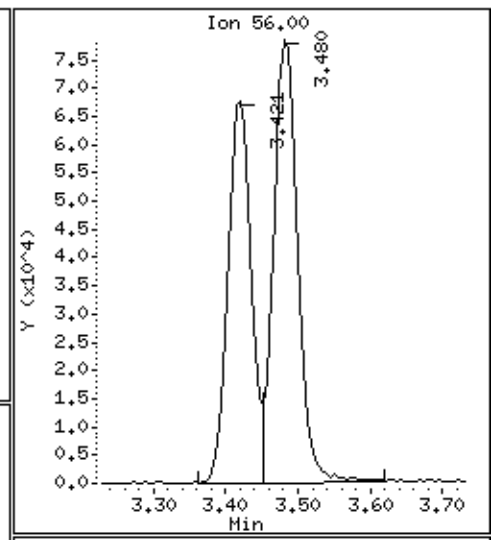
Review Code:

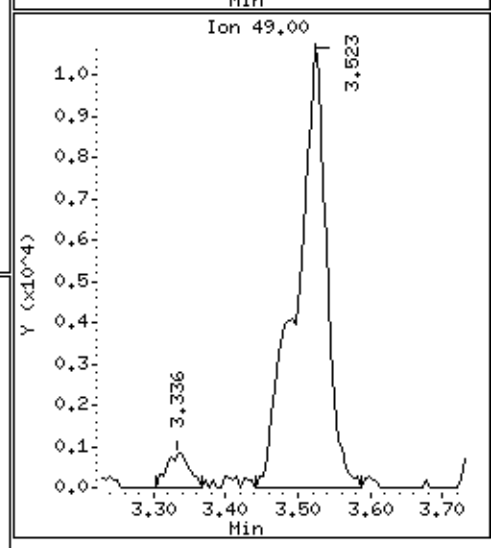












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

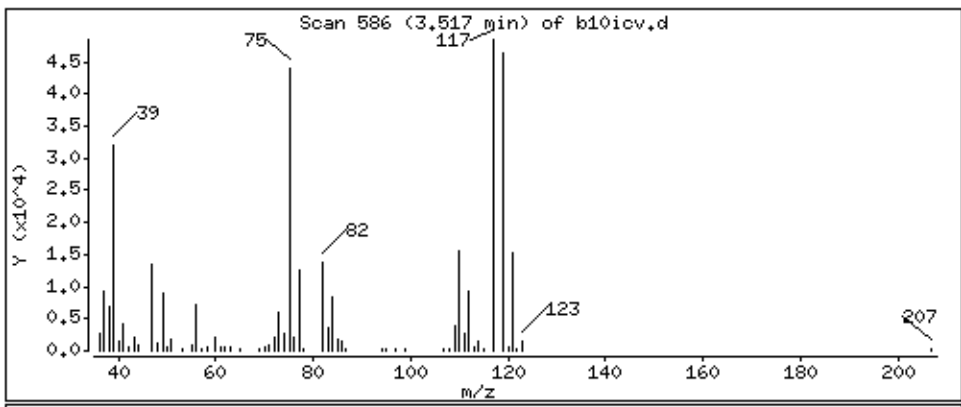
Column phase: DB-624

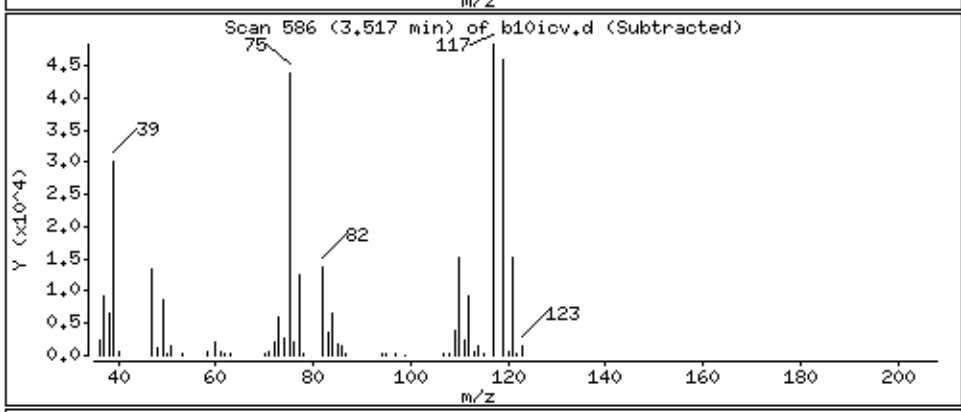
Column diameter: 0.18

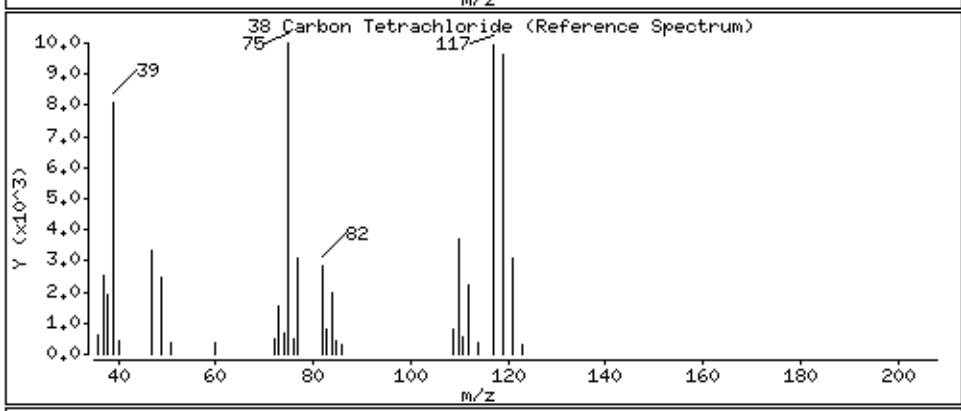
38 Carbon Tetrachloride

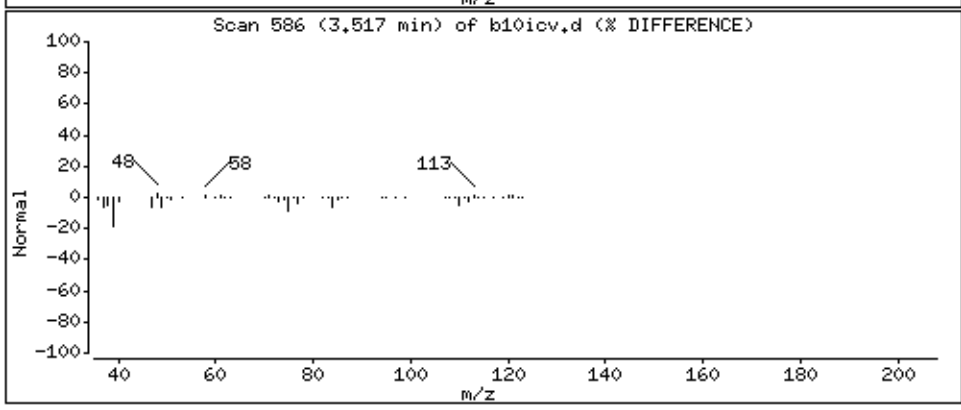
Concentration: 47.4 ppb

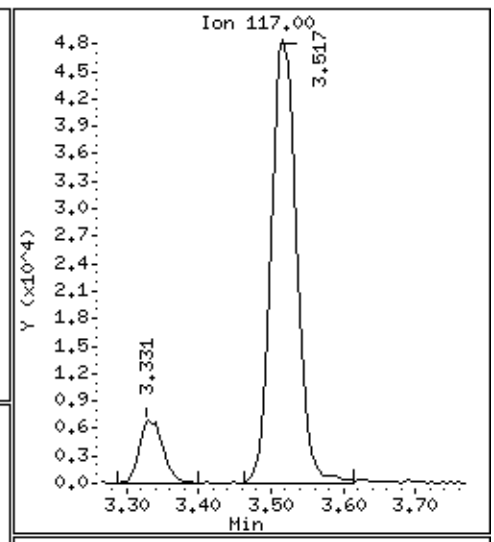
Review Code:

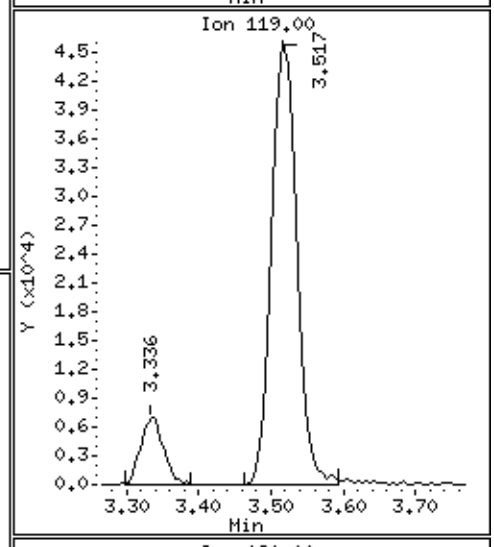


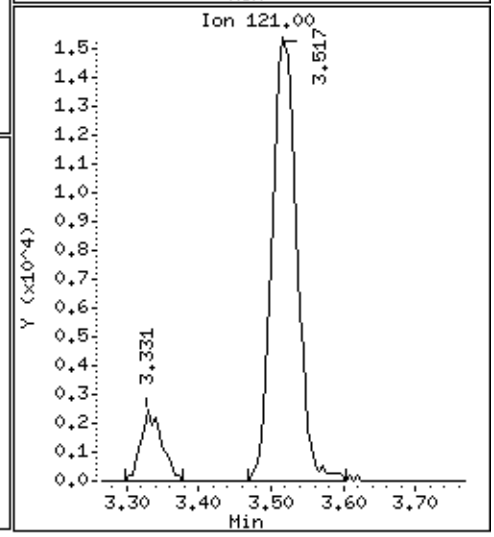












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

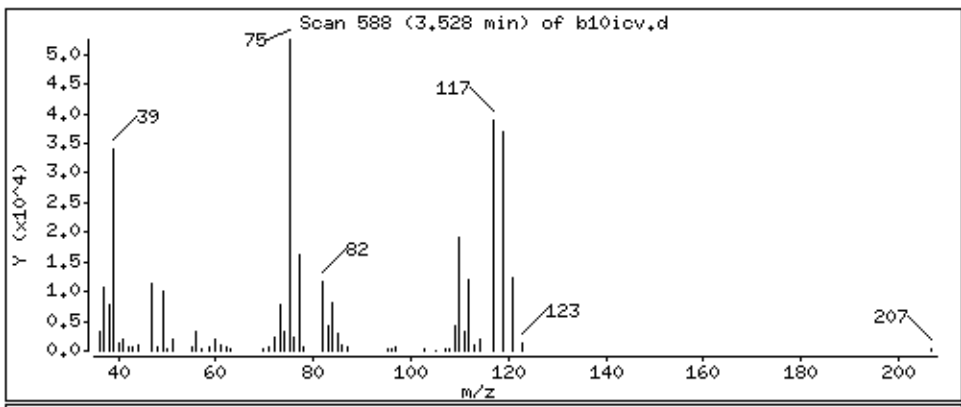
Column phase: DB-624

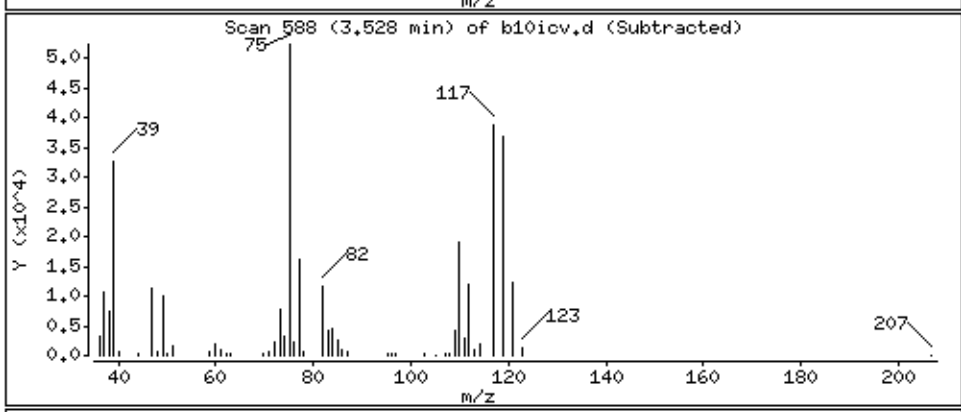
Column diameter: 0.18

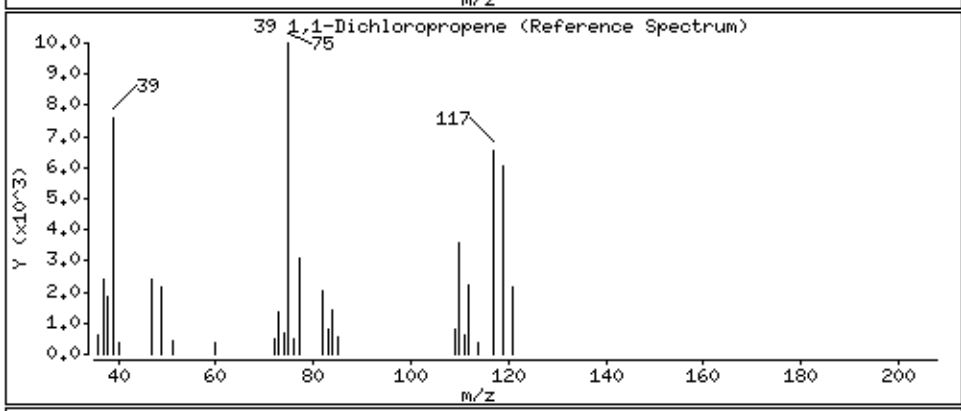
39 1,1-Dichloropropene

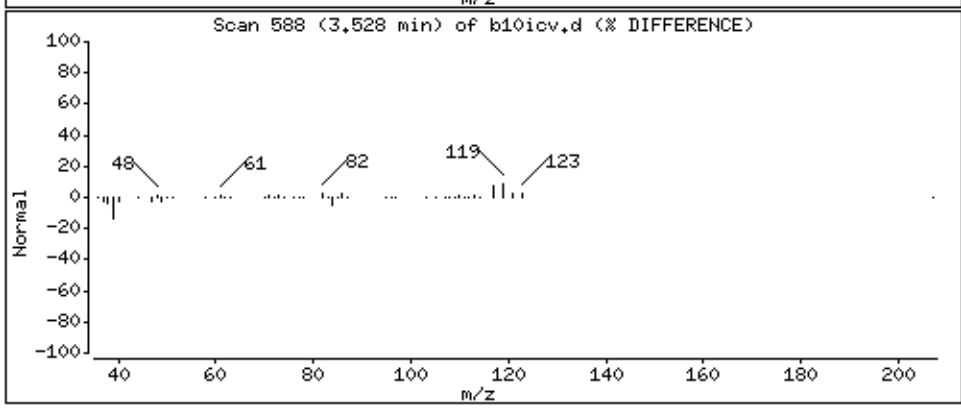
Concentration: 48.0 ppb

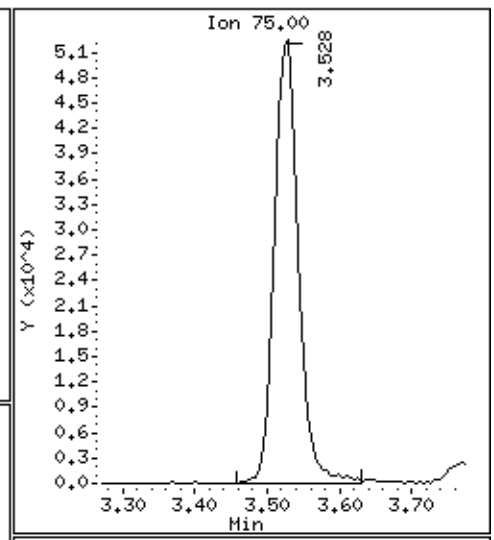
Review Code:

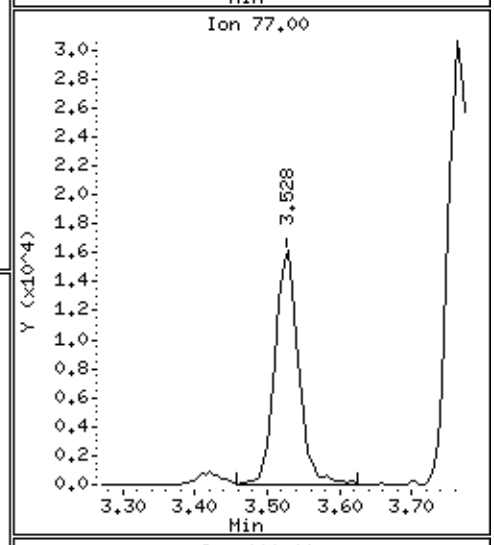


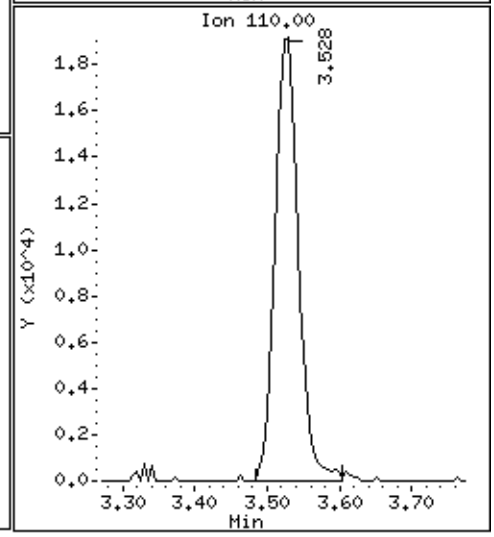












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

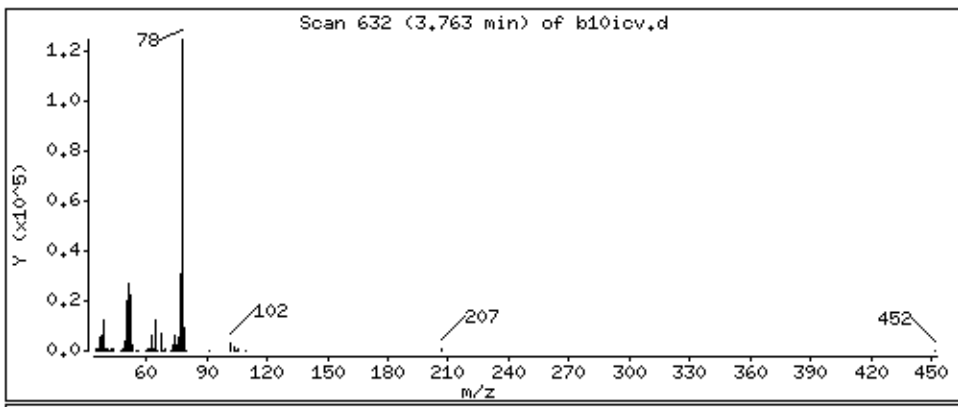
Column phase: DB-624

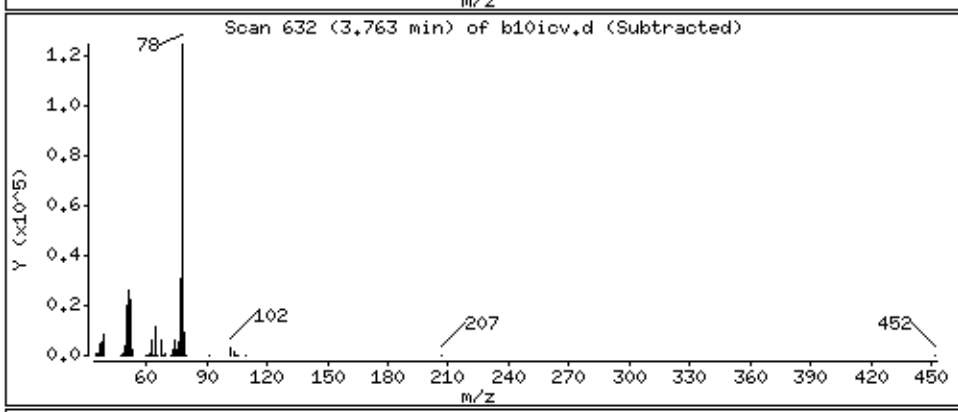
Column diameter: 0.18

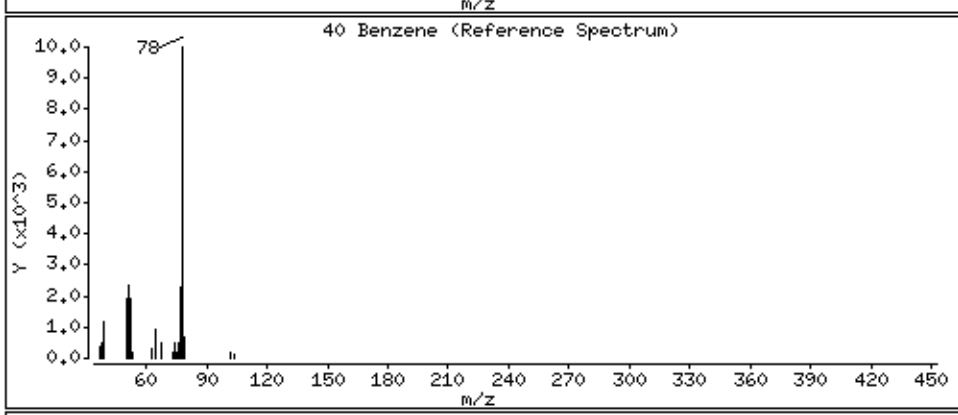
40 Benzene

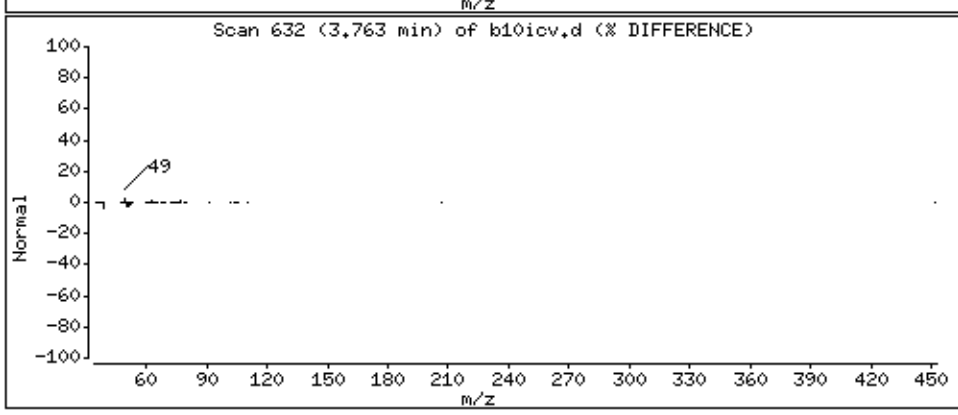
Concentration: 48.0 ppb

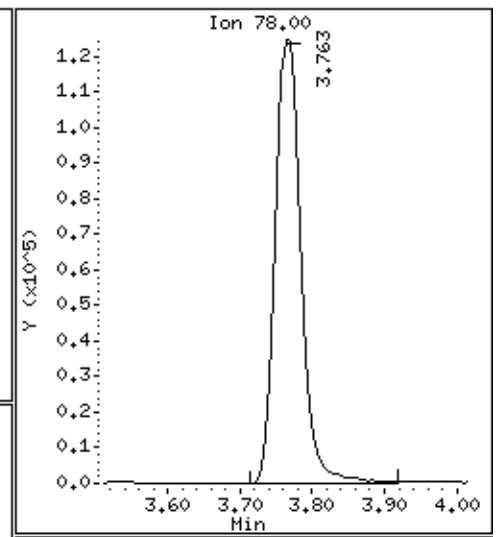
Review Code:

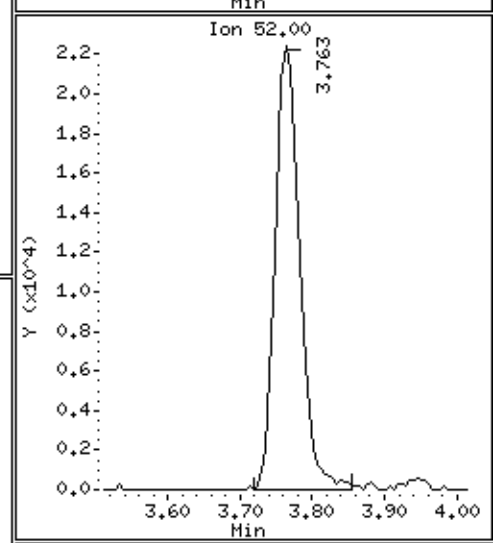


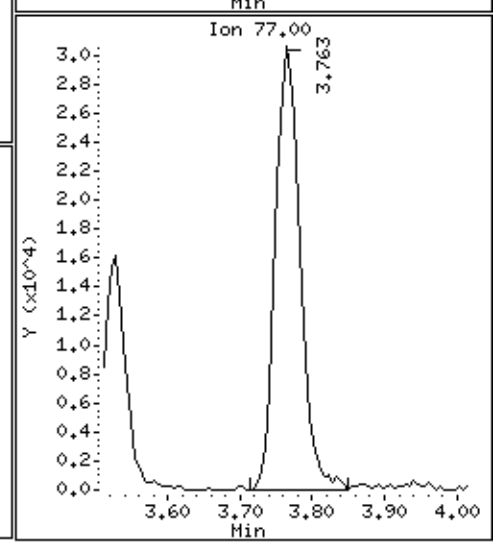












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

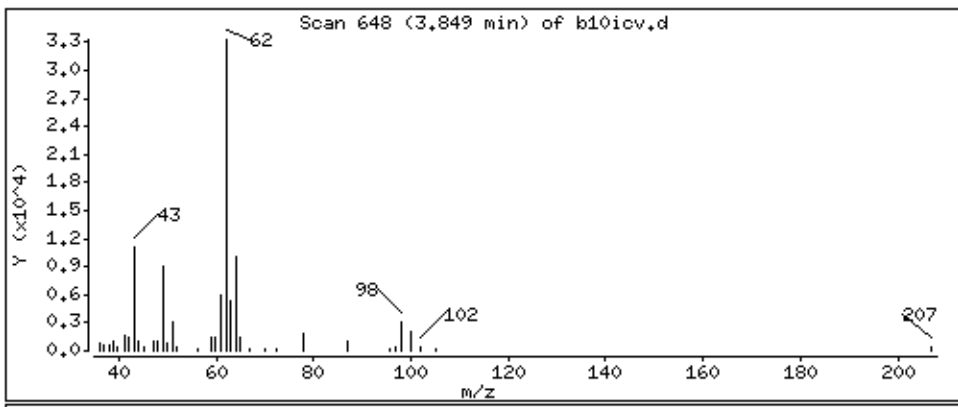
Column phase: DB-624

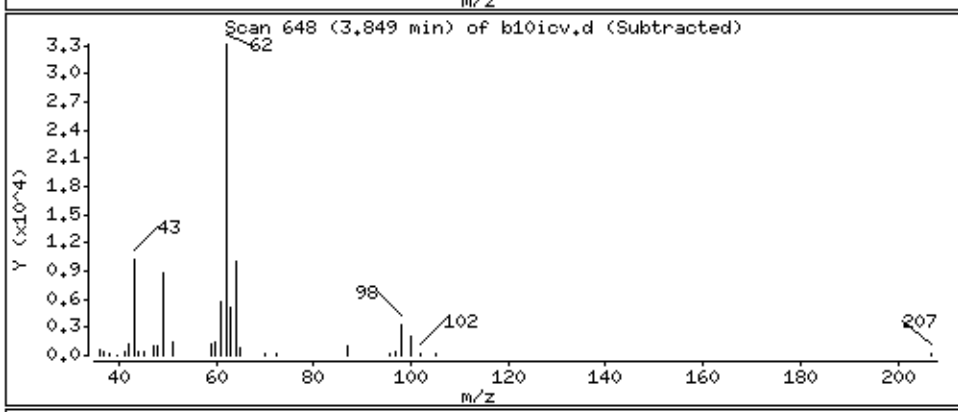
Column diameter: 0.18

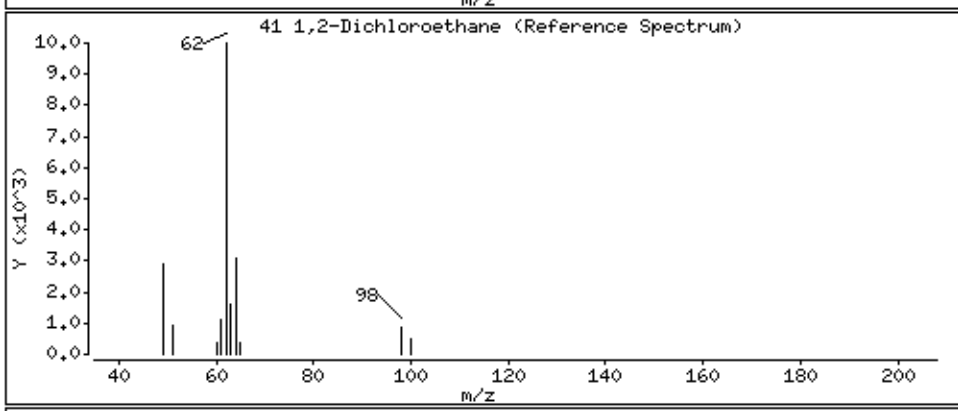
41 1,2-Dichloroethane

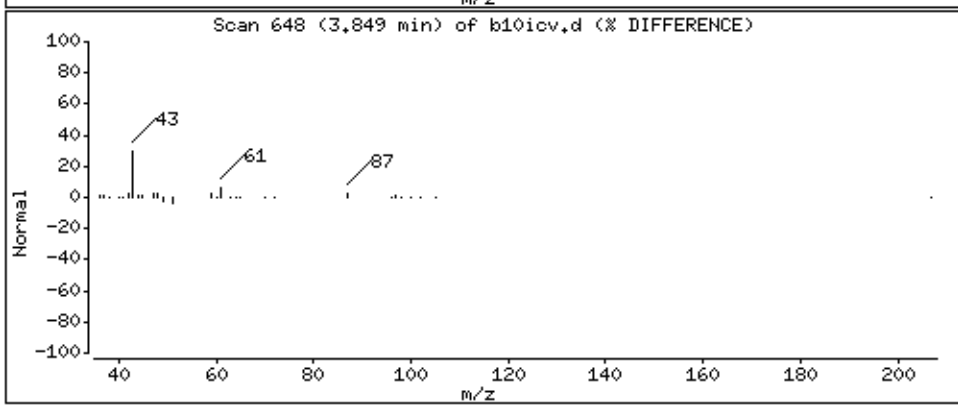
Concentration: 47.8 ppb

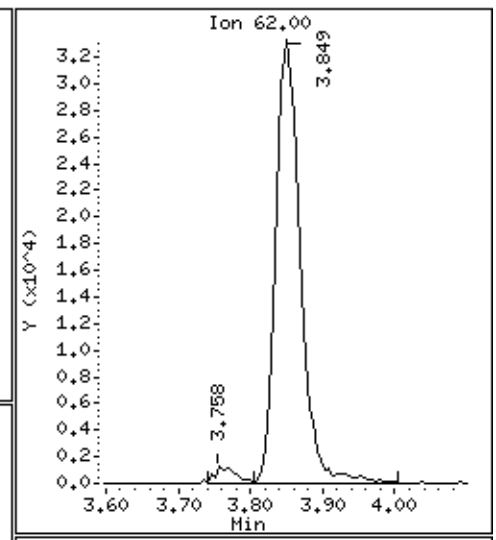
Review Code:

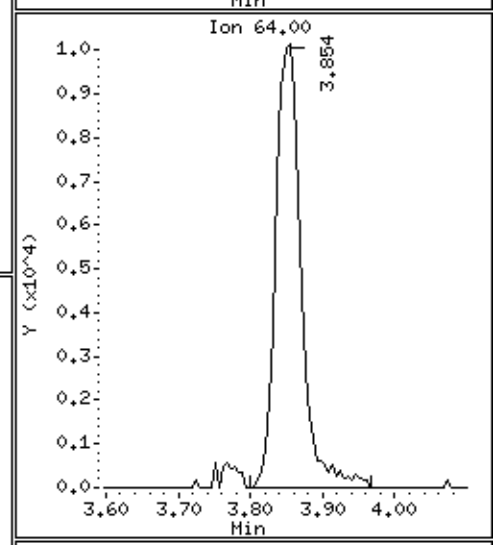


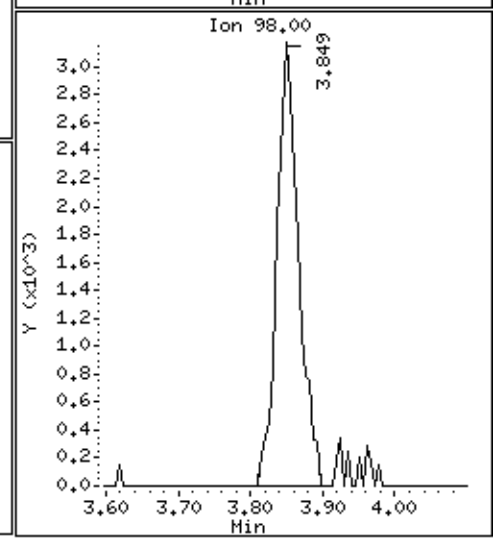












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

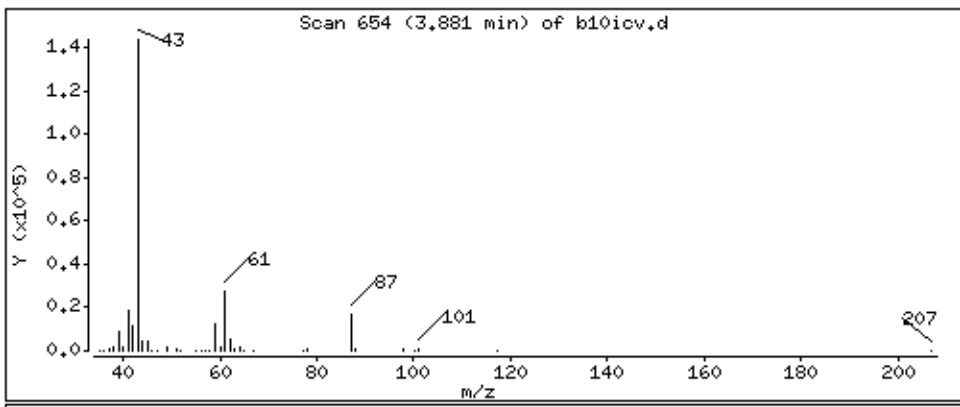
Column phase: DB-624

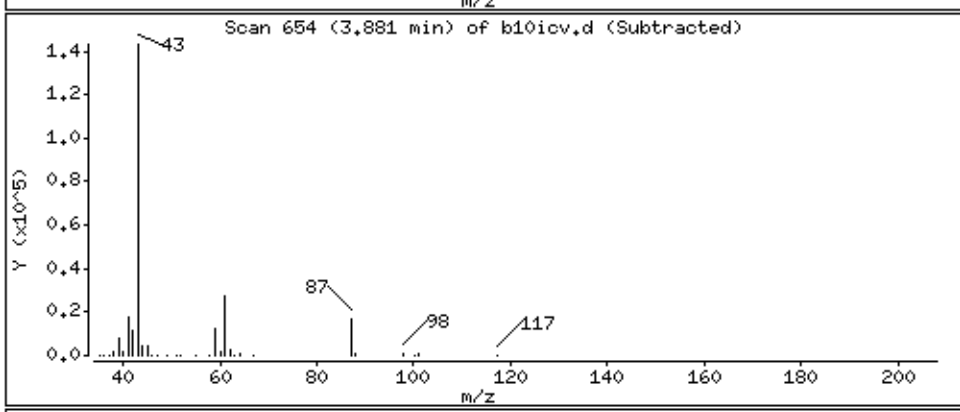
Column diameter: 0.18

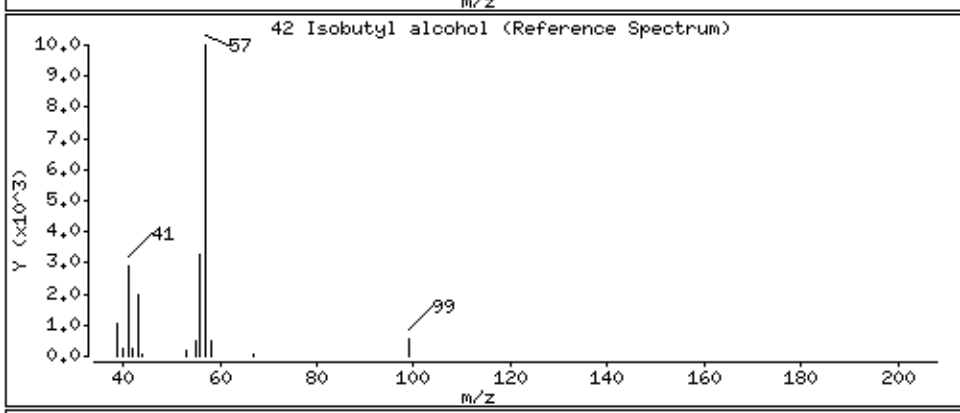
42 Isobutyl alcohol

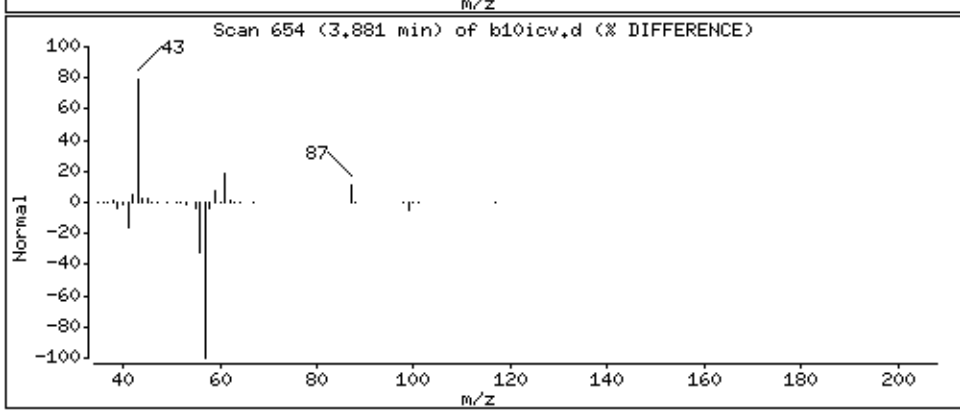
Concentration: 62.4 ppb

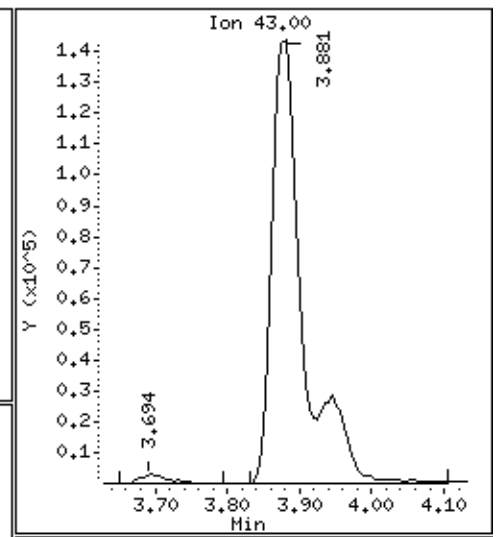
Review Code:

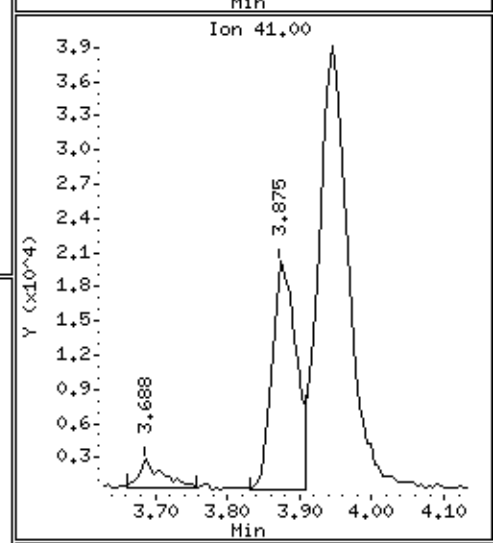


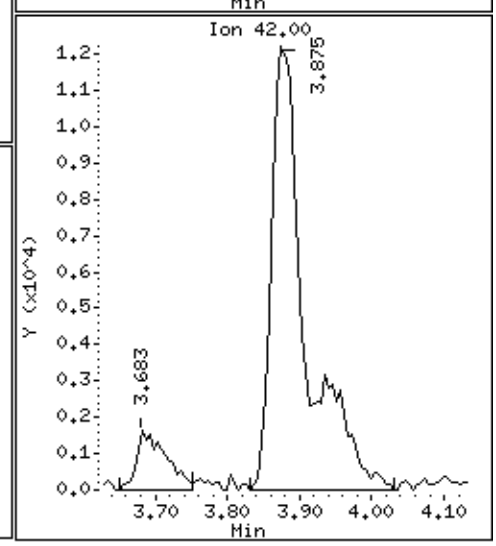












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

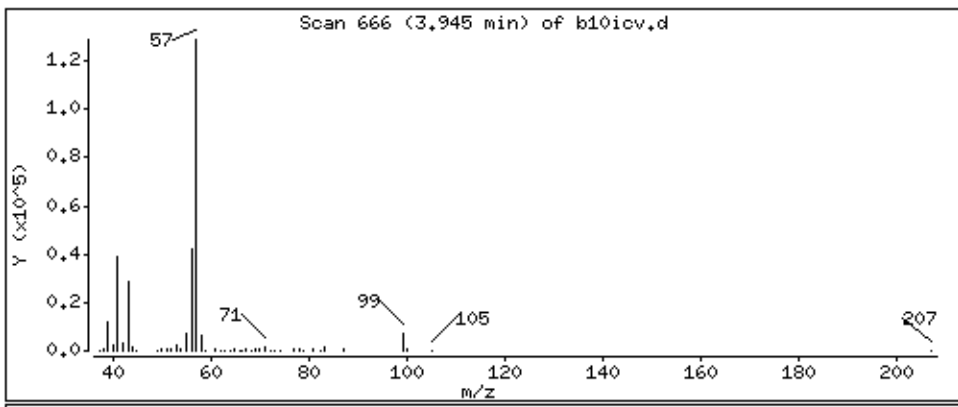
Column phase: DB-624

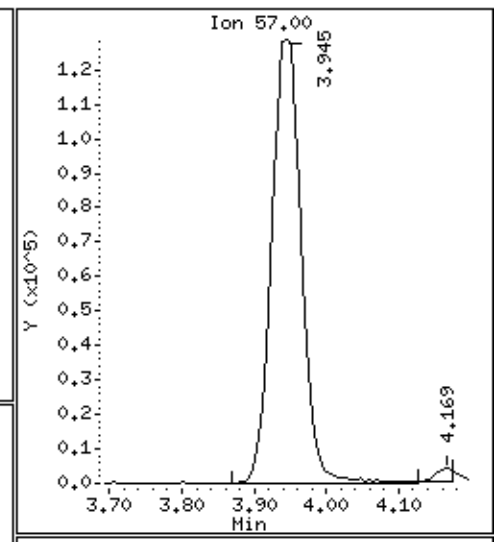
Column diameter: 0.18

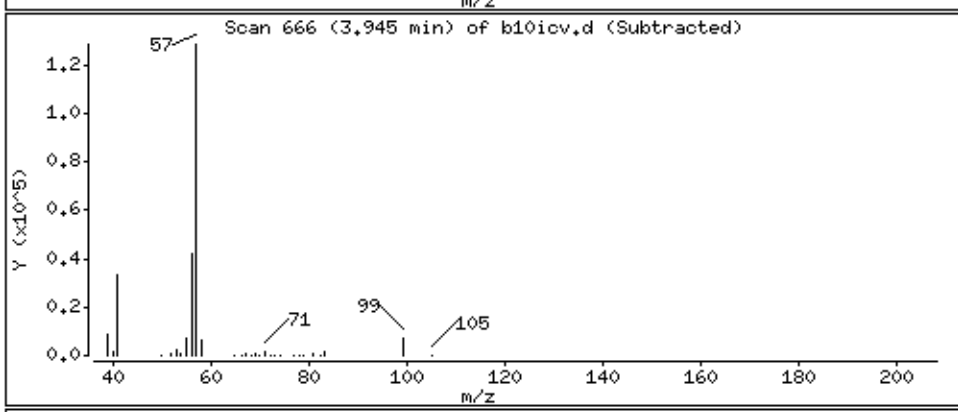
43 2,2,4-Trimethylpentane

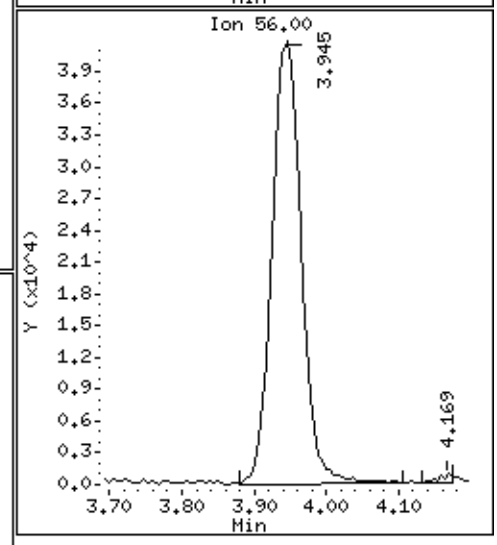
Concentration: 49.3 ppb

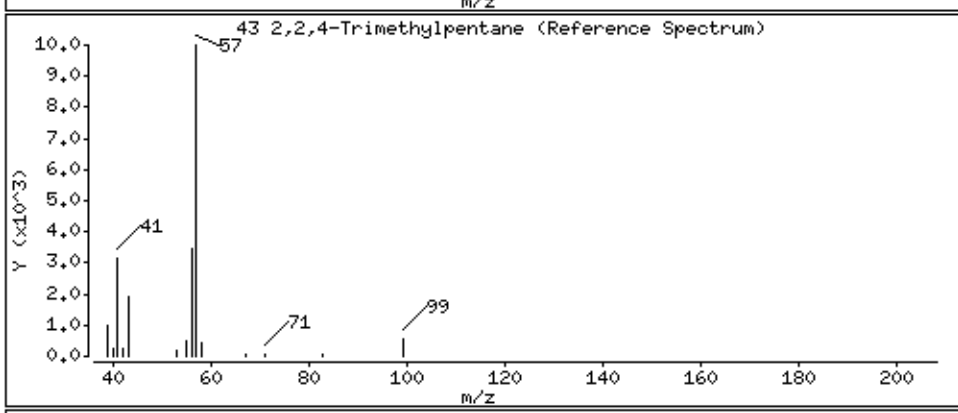
Review Code:

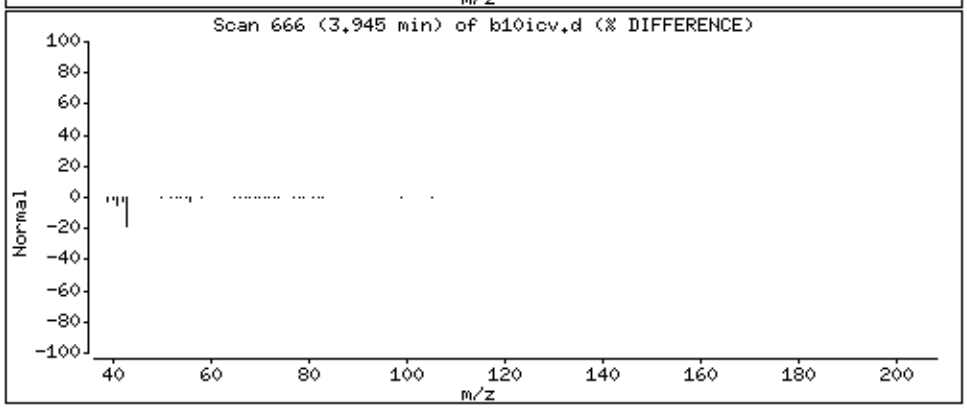












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

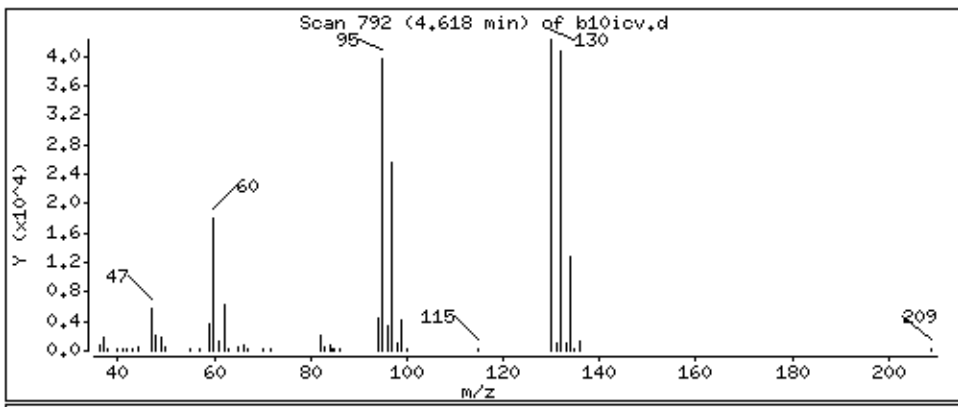
Column phase: DB-624

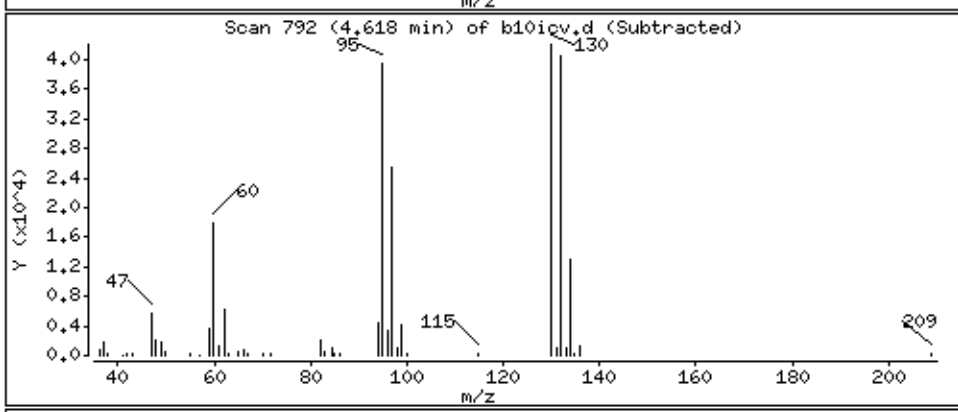
Column diameter: 0.18

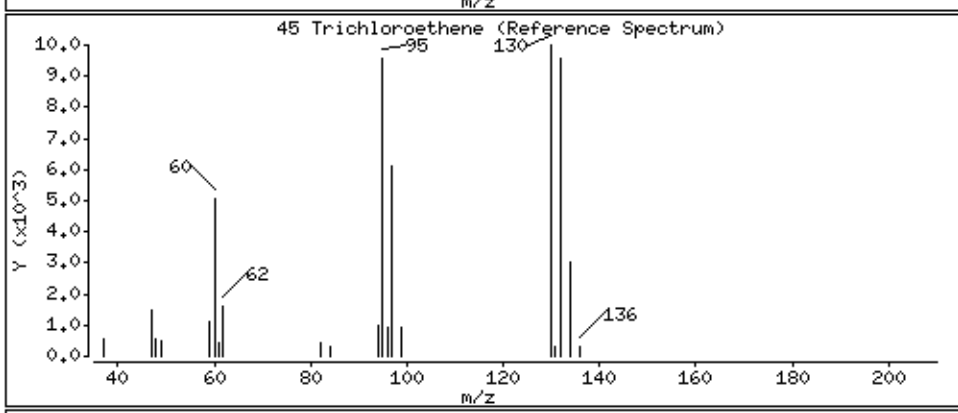
45 Trichloroethene

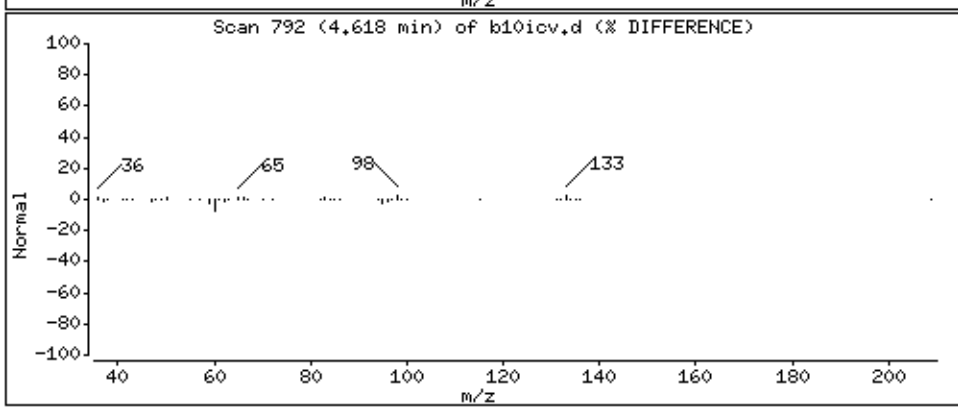
Concentration: 44.5 ppb

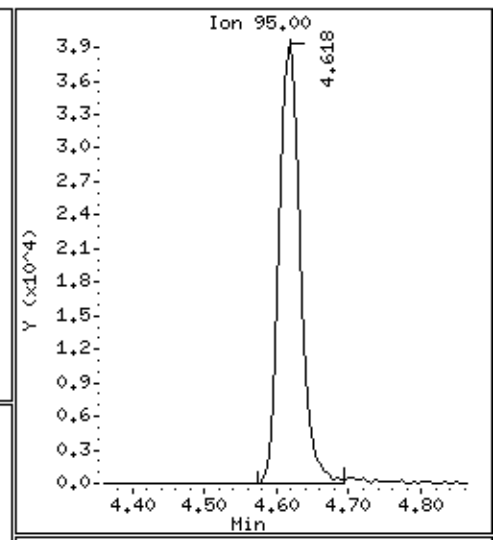
Review Code:

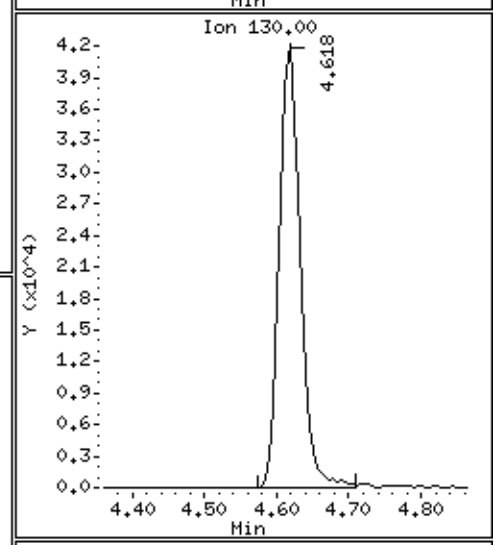


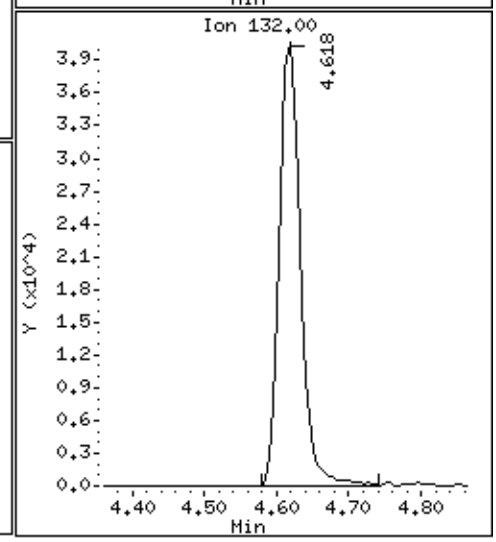












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

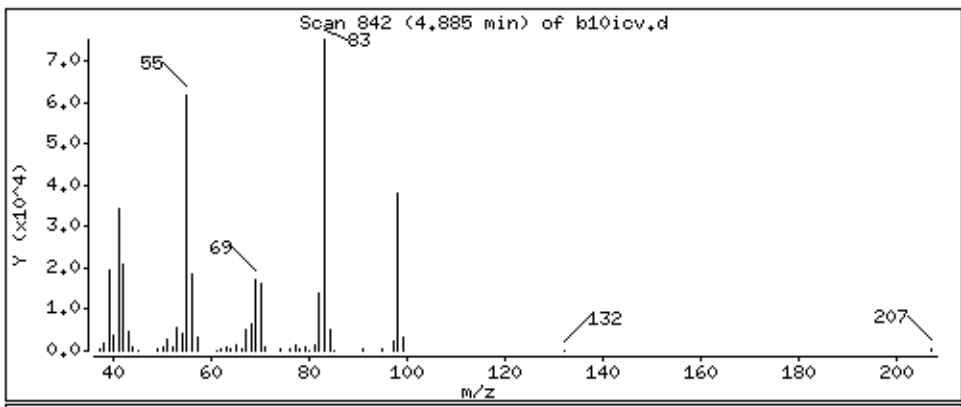
Column phase: DB-624

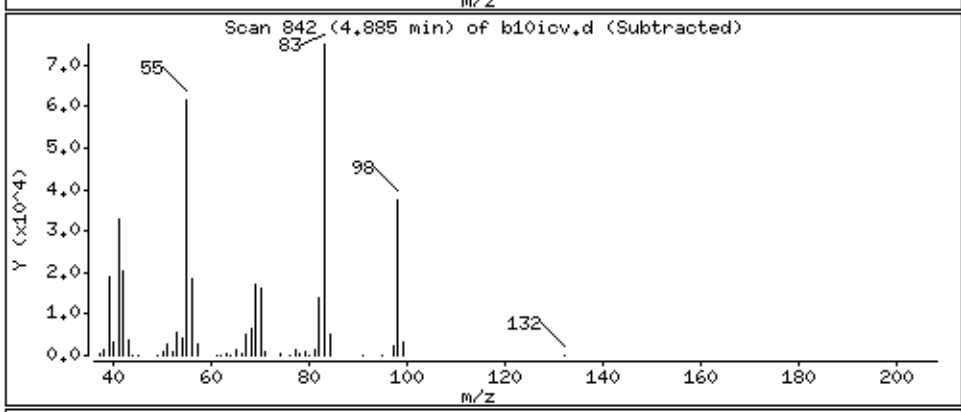
Column diameter: 0.18

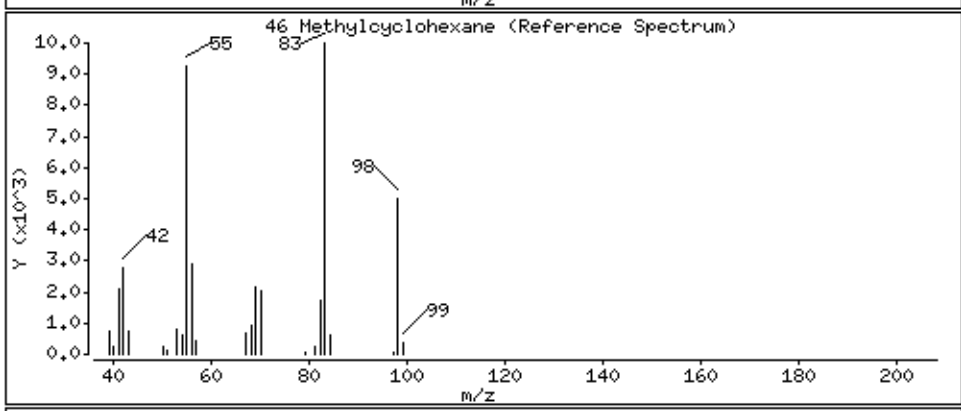
46 Methylcyclohexane

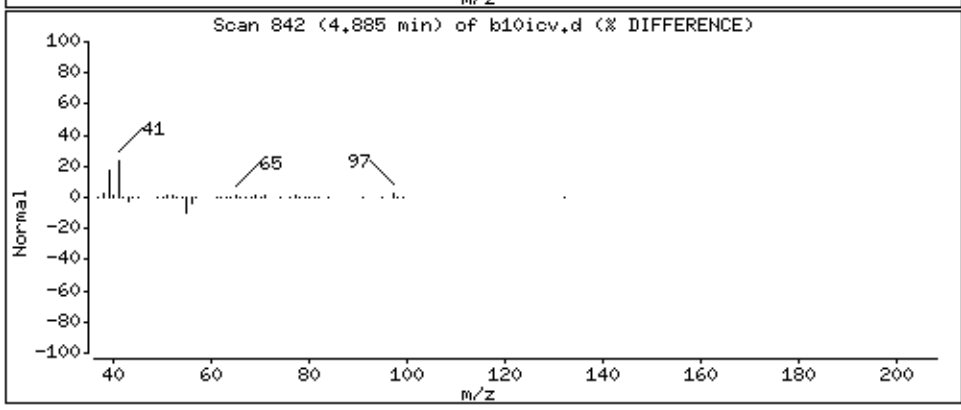
Concentration: 46.0 ppb

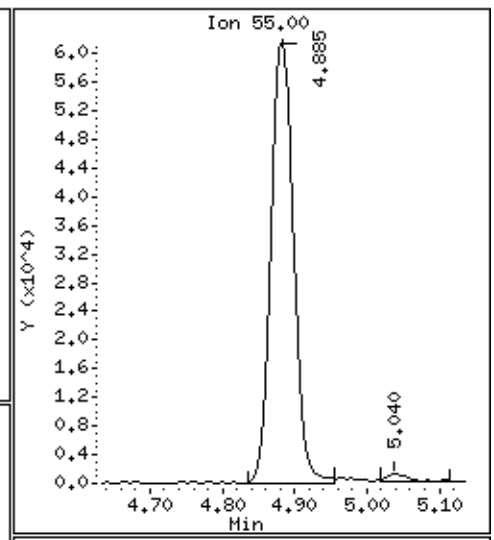
Review Code:

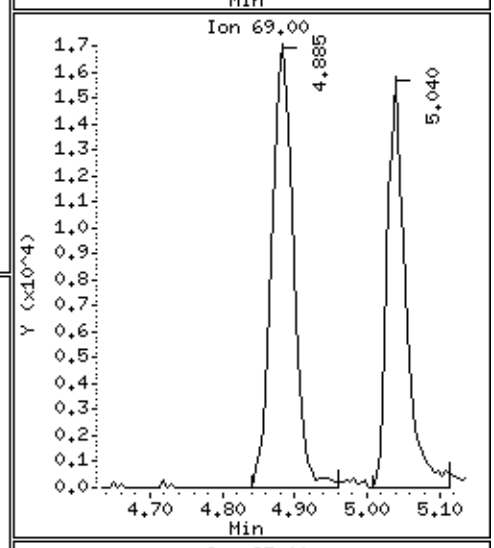


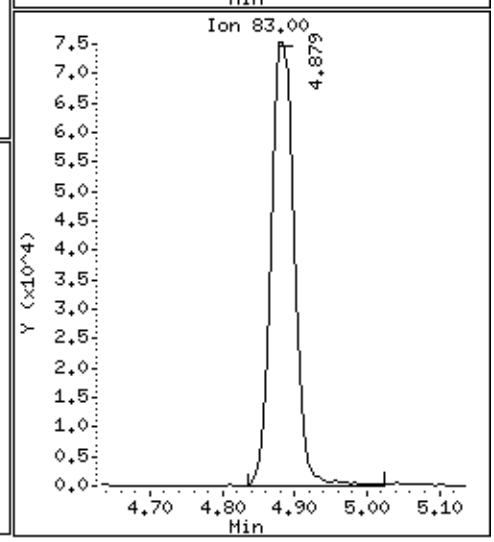












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Page 50

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

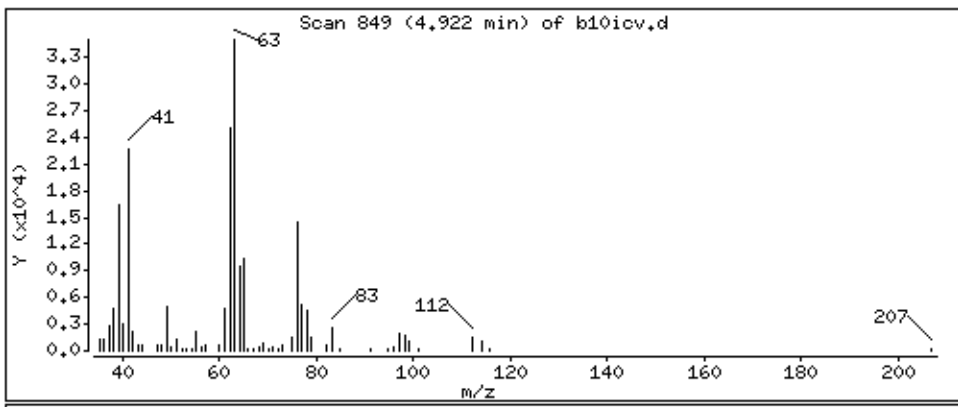
Column phase: DB-624

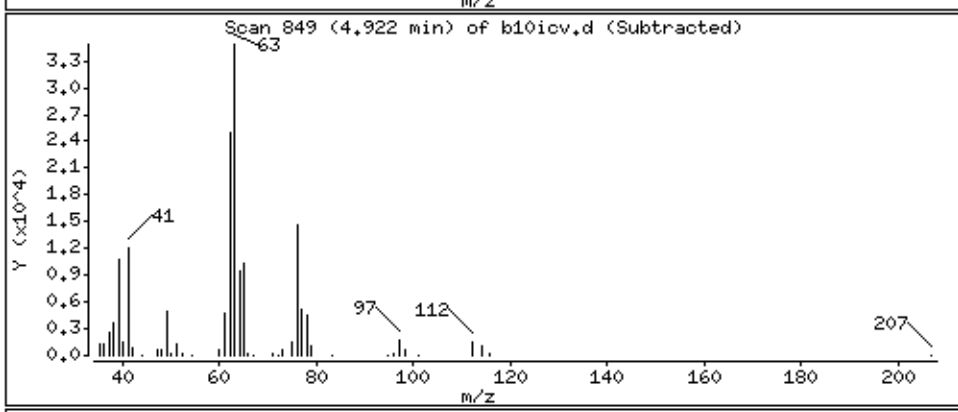
Column diameter: 0.18

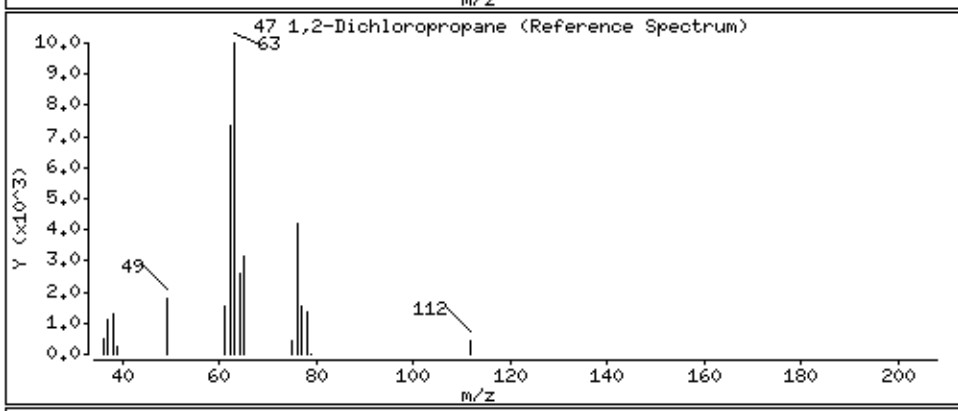
47 1,2-Dichloropropane

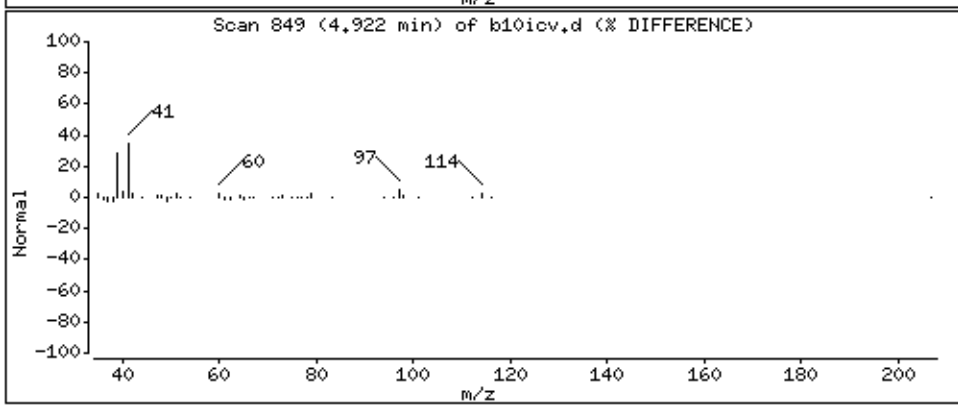
Concentration: 48.3 ppb

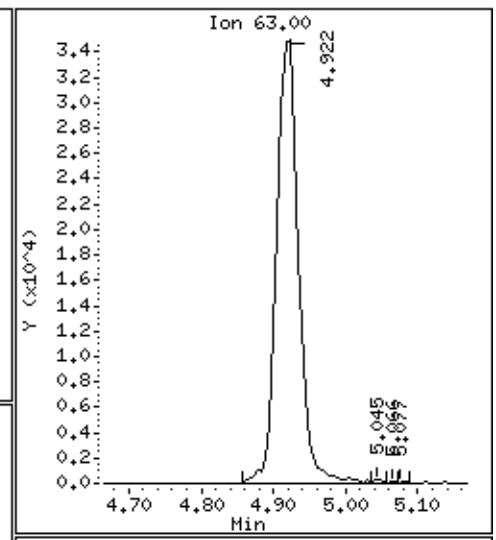
Review Code:

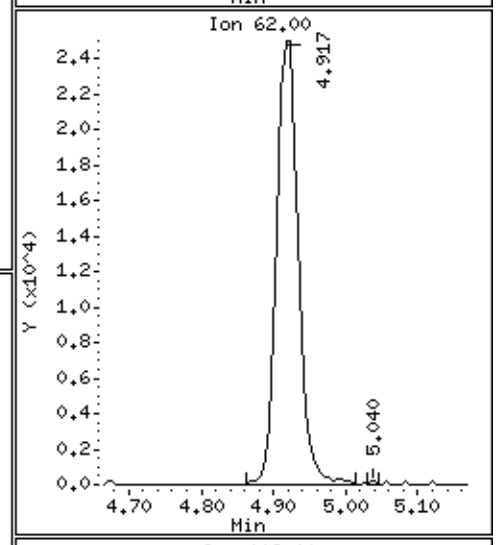


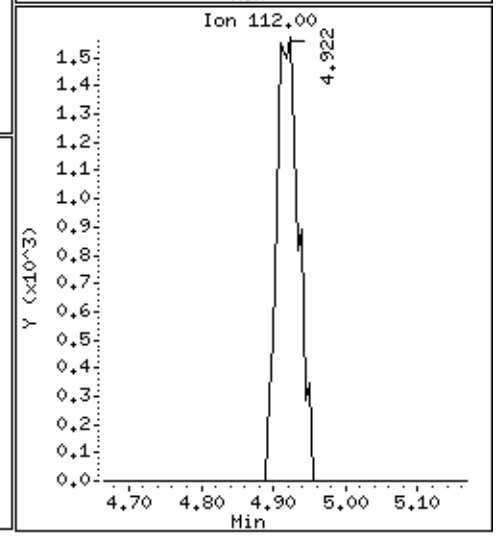












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

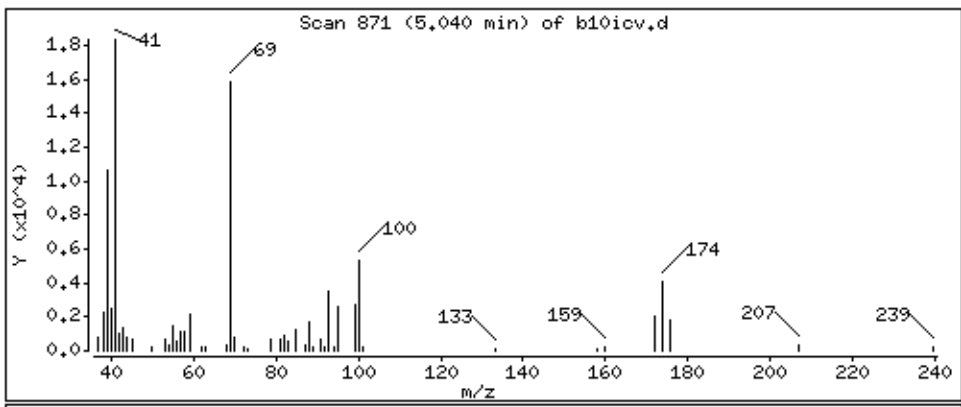
Column phase: DB-624

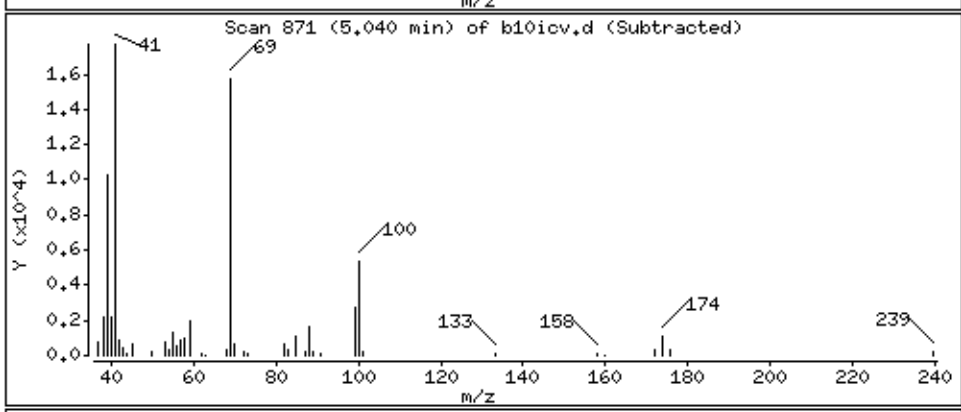
Column diameter: 0.18

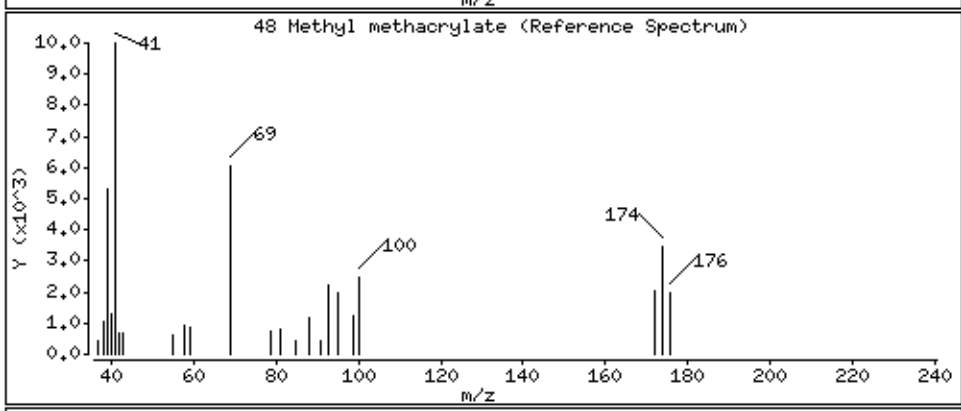
48 Methyl methacrylate

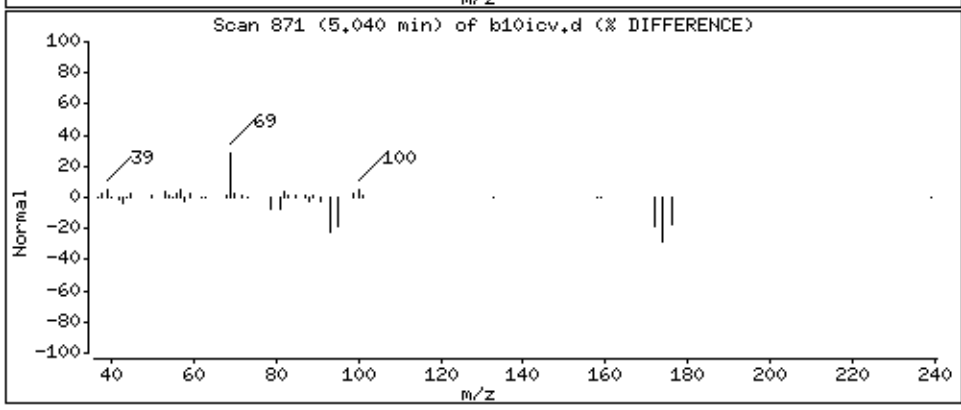
Concentration: 51.4 ppb

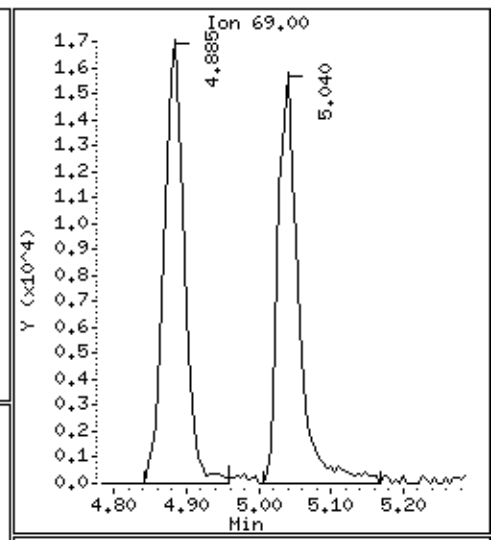
Review Code:

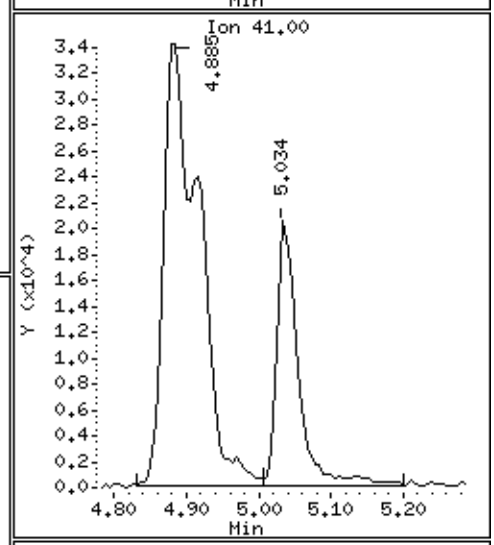


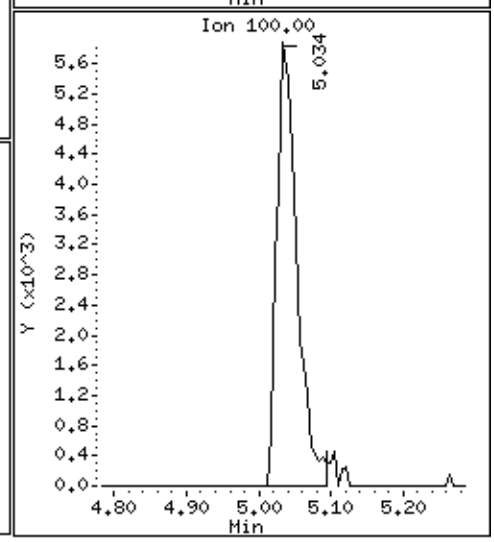












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

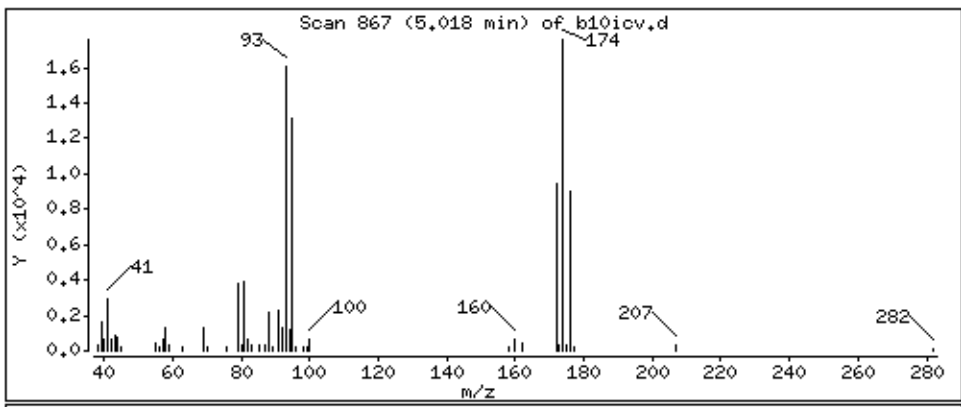
Column phase: DB-624

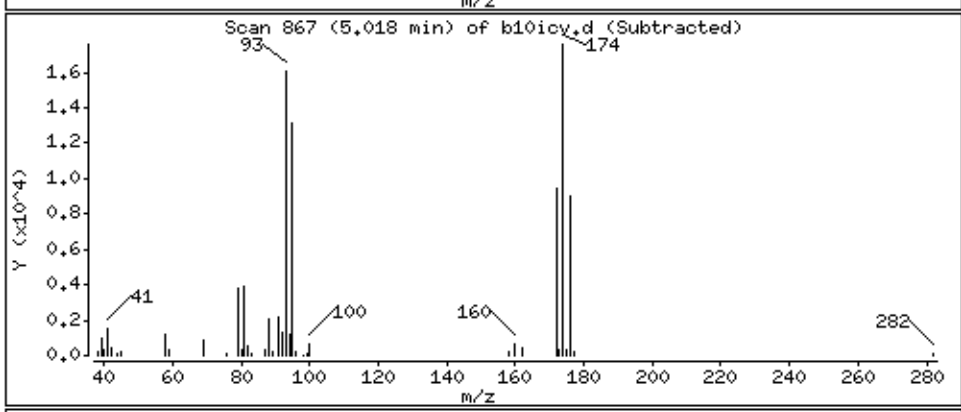
Column diameter: 0.18

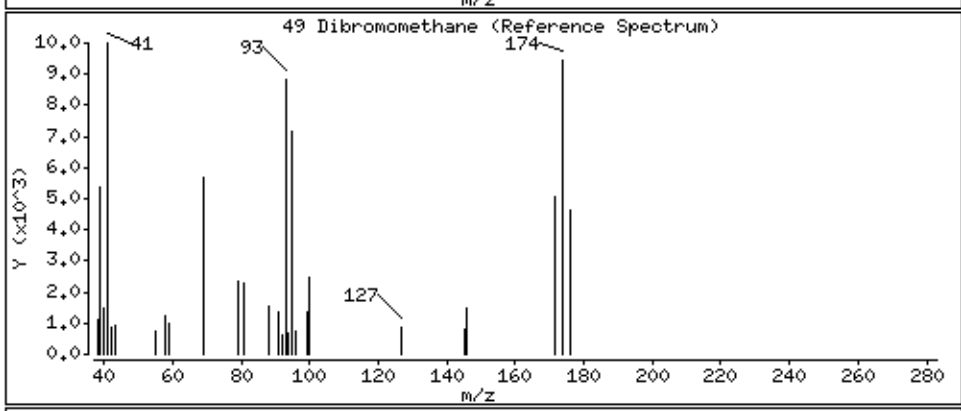
49 Dibromomethane

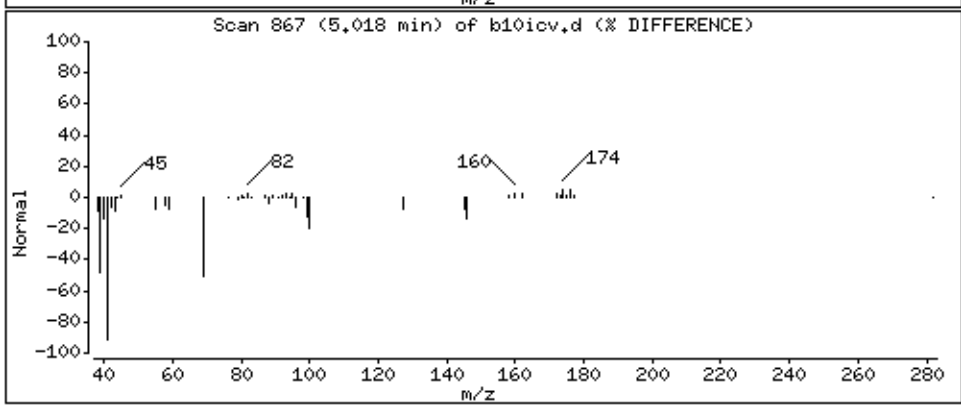
Concentration: 48.0 ppb

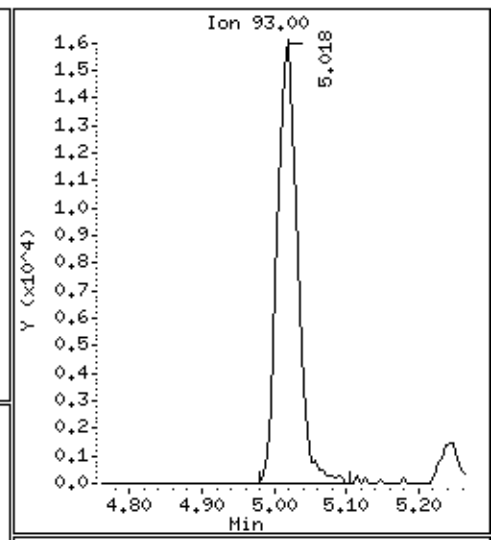
Review Code:

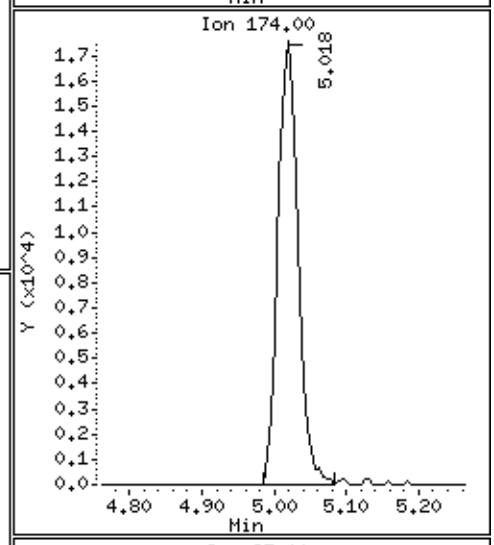


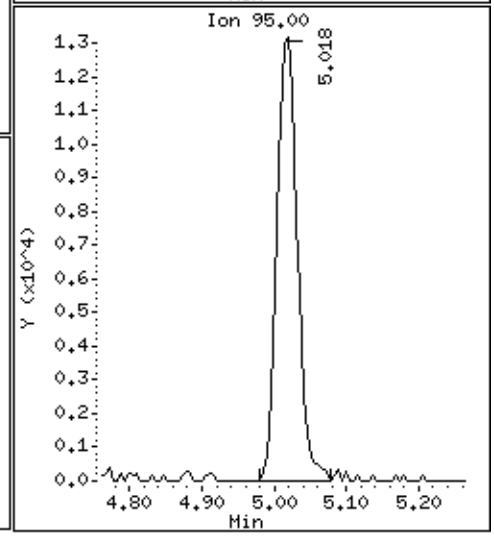












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

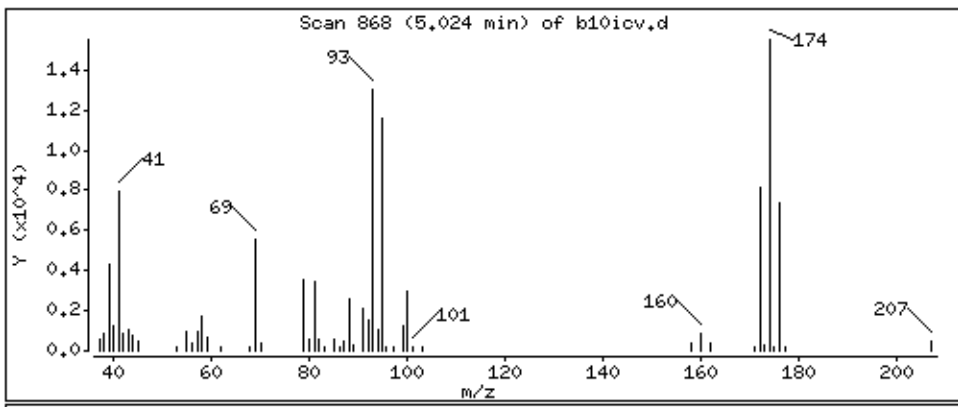
Column phase: DB-624

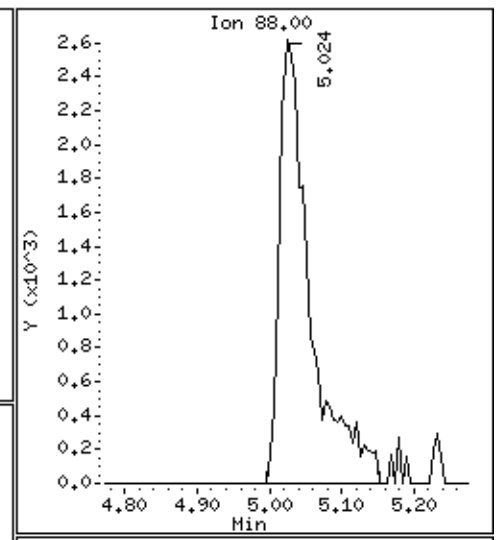
Column diameter: 0.18

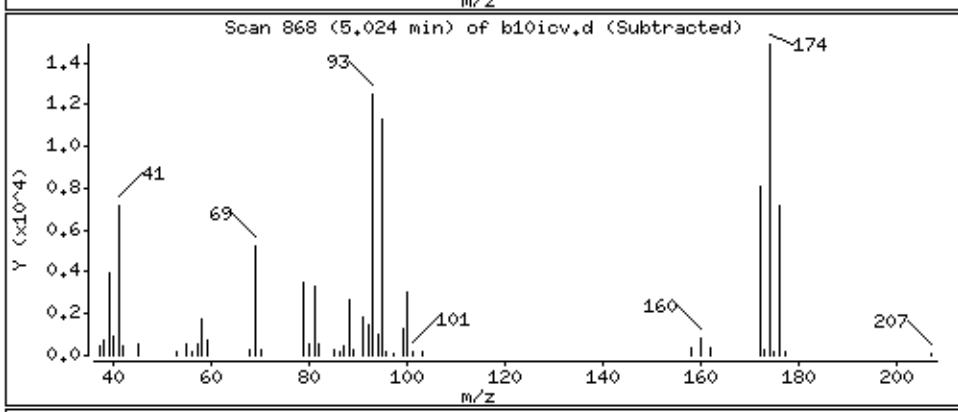
50 1,4-Dioxane

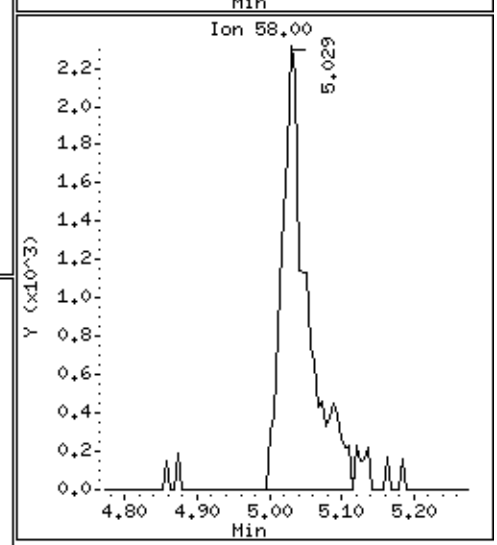
Concentration: 924 ppb

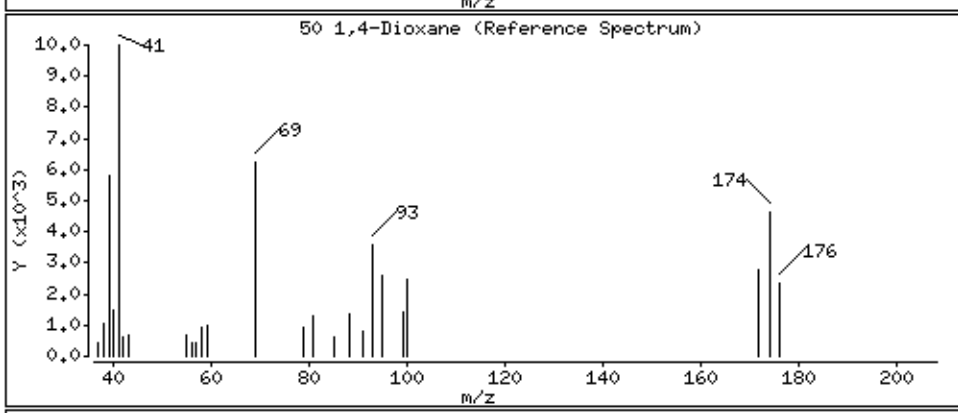
Review Code:

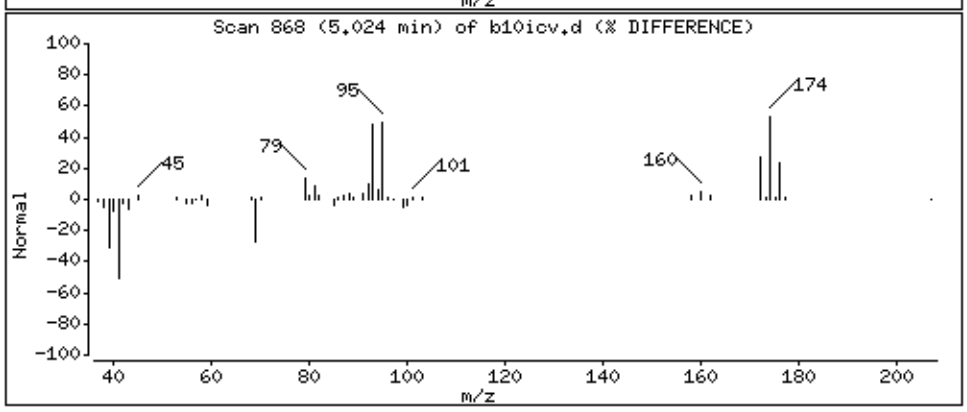












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

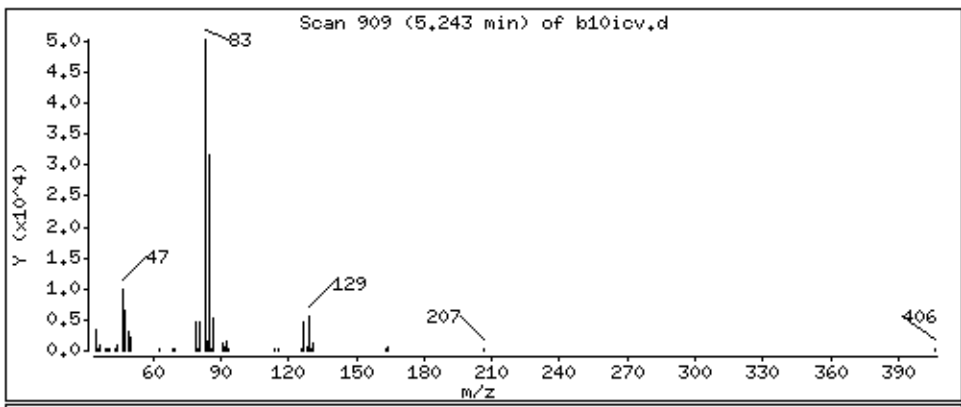
Column phase: DB-624

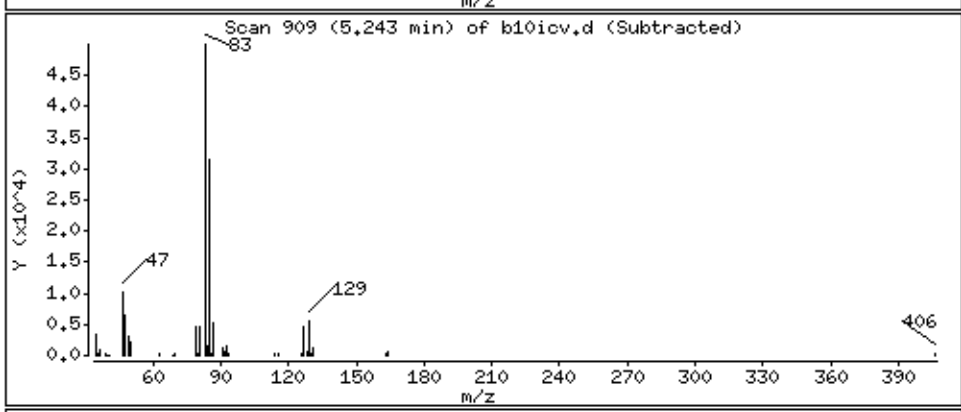
Column diameter: 0.18

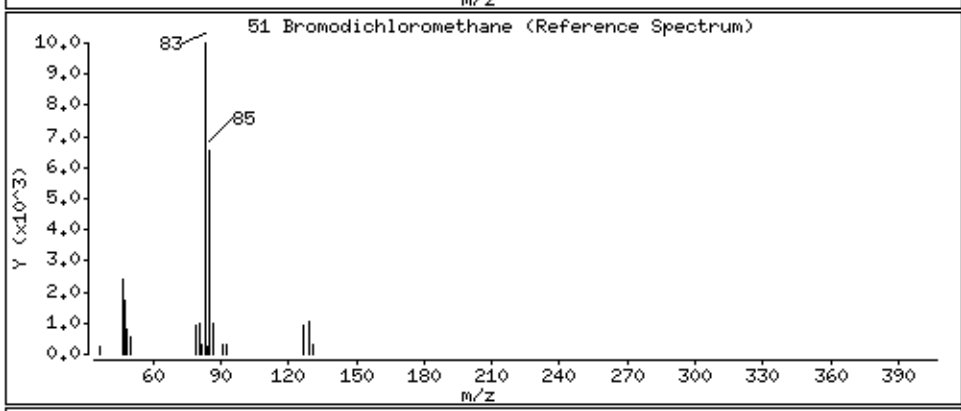
51 Bromodichloromethane

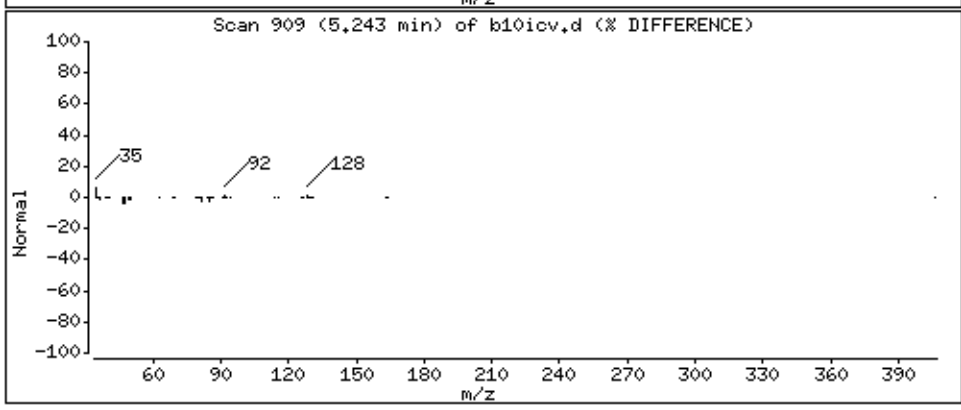
Concentration: 47.9 ppb

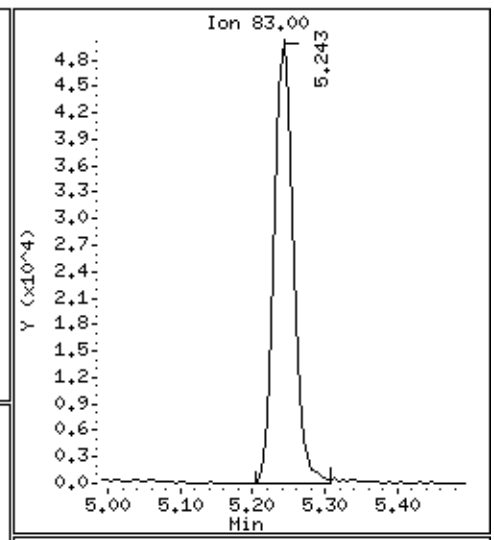
Review Code:

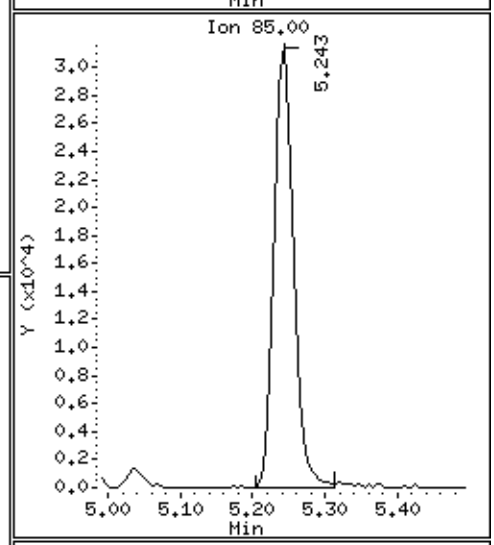


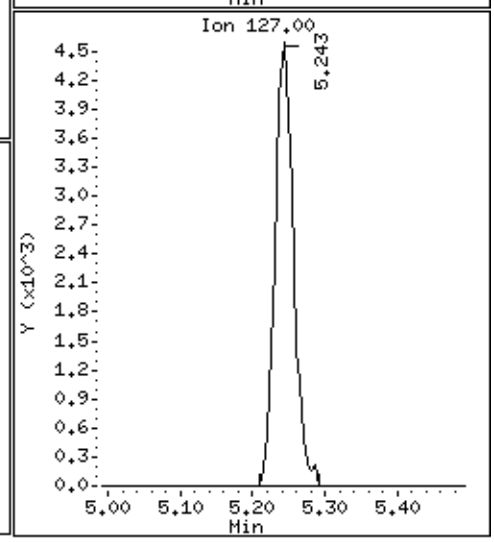












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

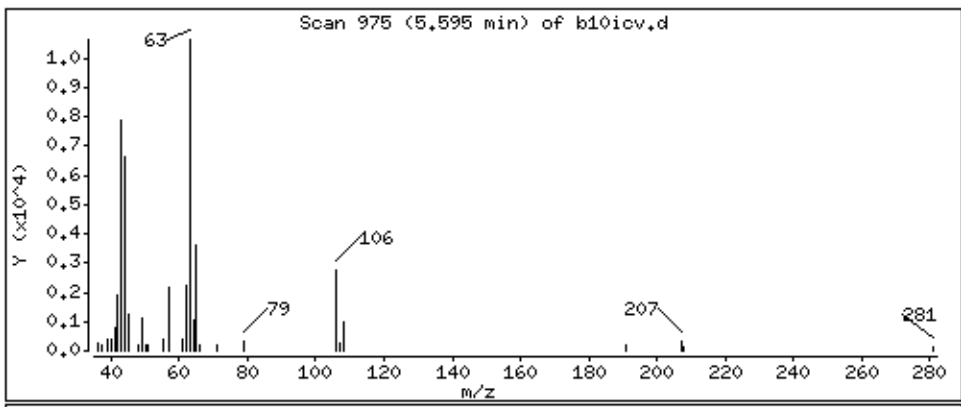
Column phase: DB-624

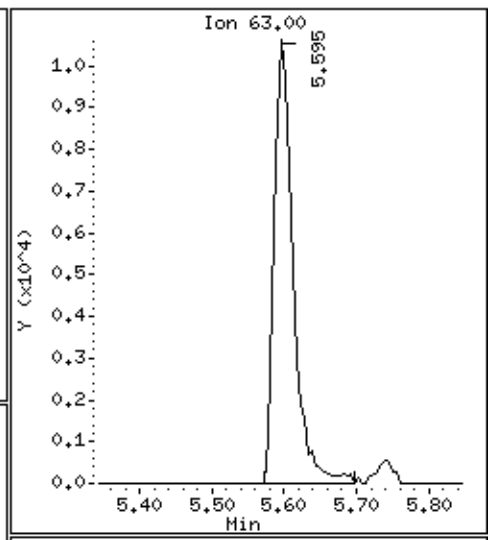
Column diameter: 0.18

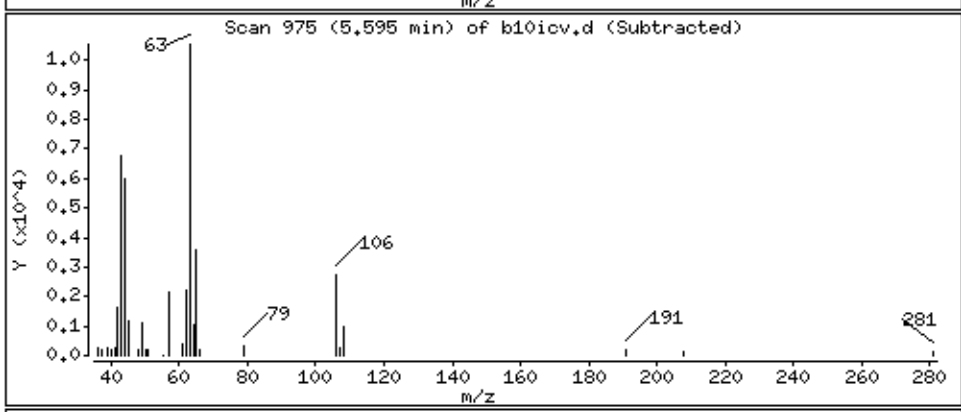
52 2-Chloroethyl vinyl ether

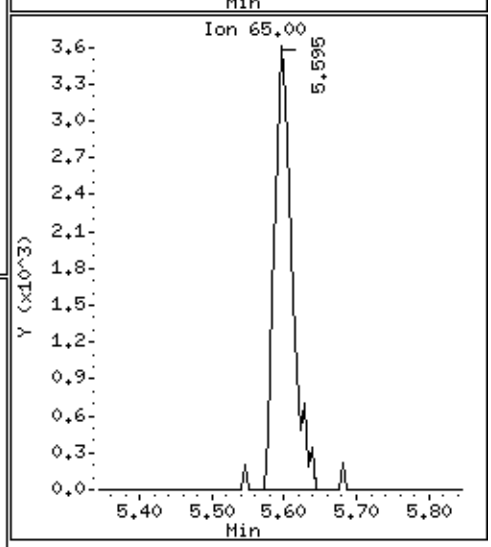
Concentration: 53.8 ppb

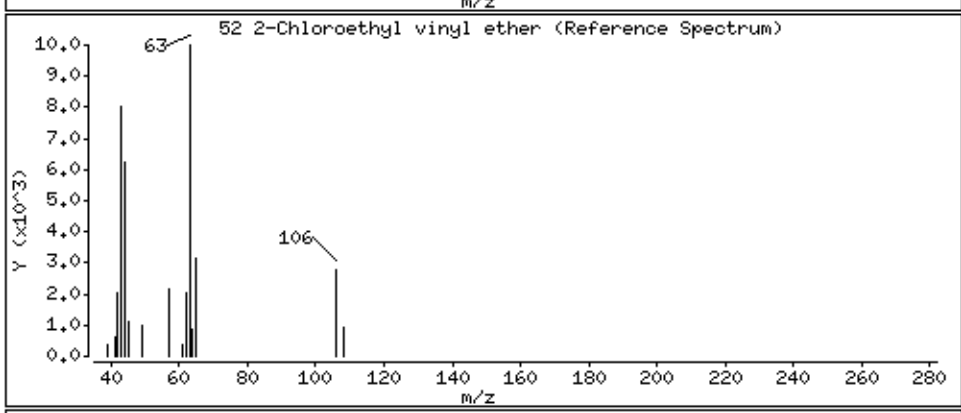
Review Code:

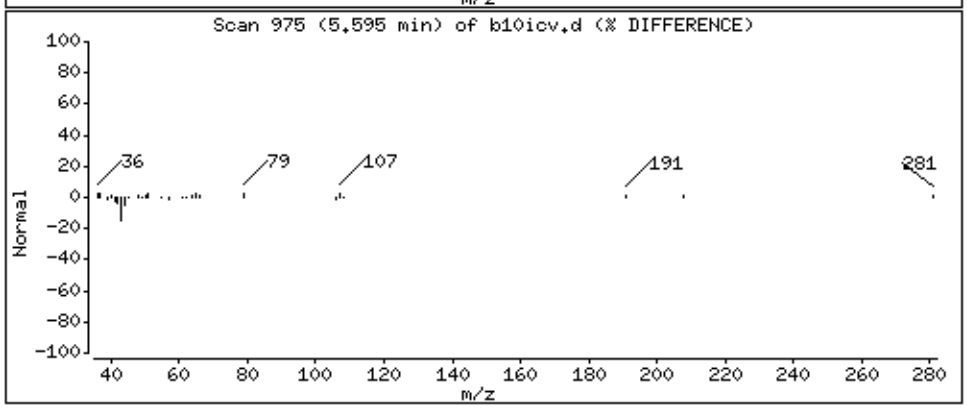












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

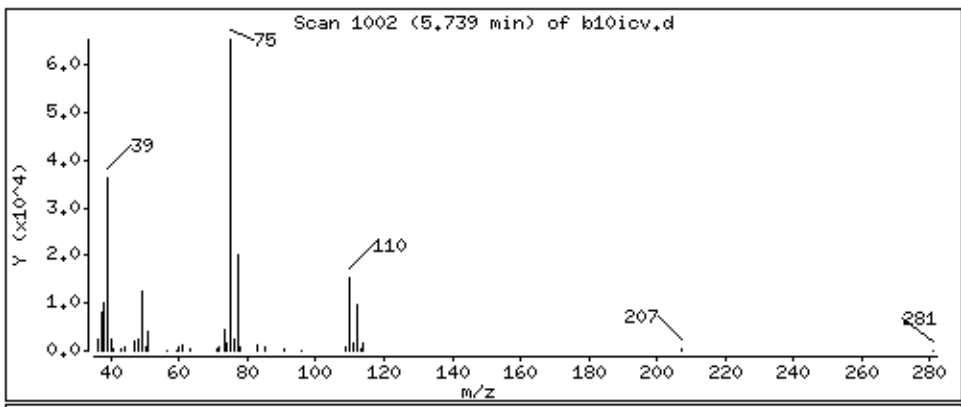
Column phase: DB-624

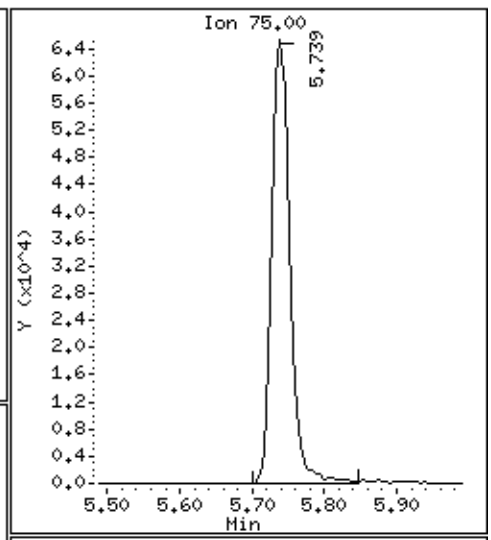
Column diameter: 0.18

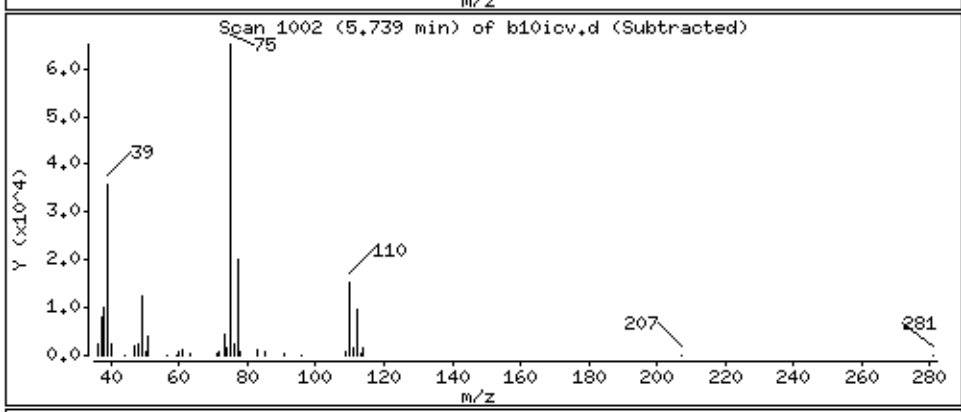
53 cis-1,3-Dichloropropene

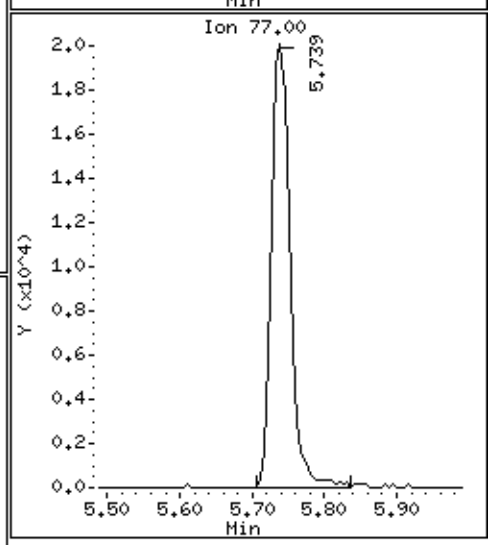
Concentration: 51.2 ppb

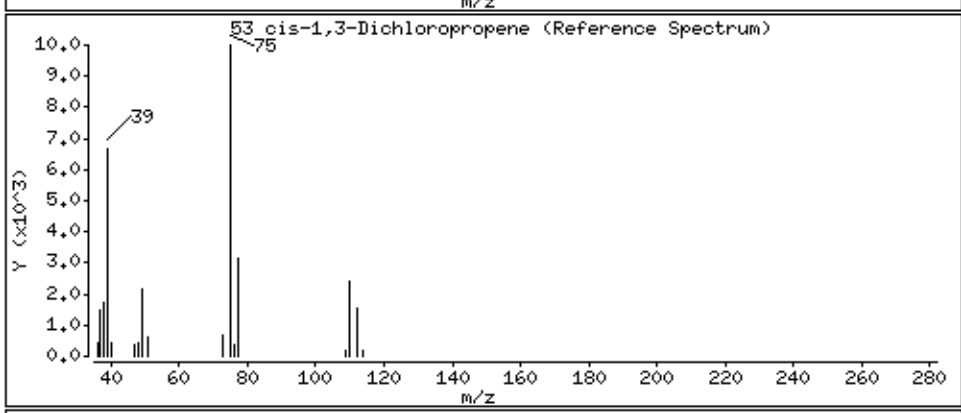
Review Code:

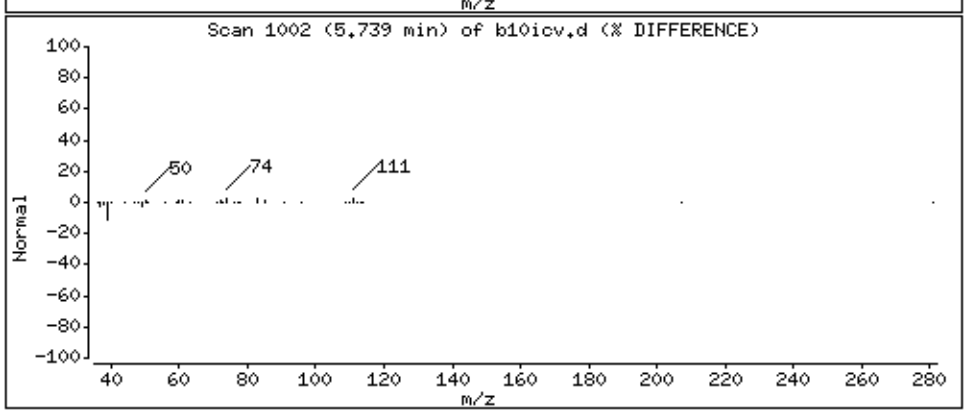












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

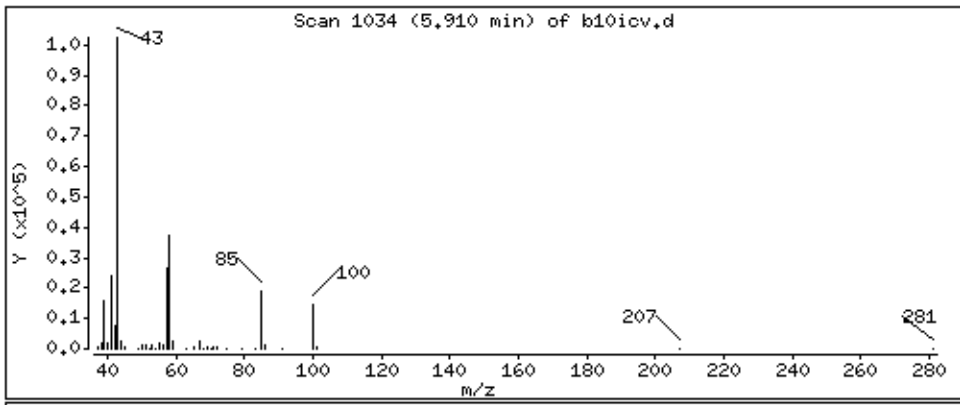
Column phase: DB-624

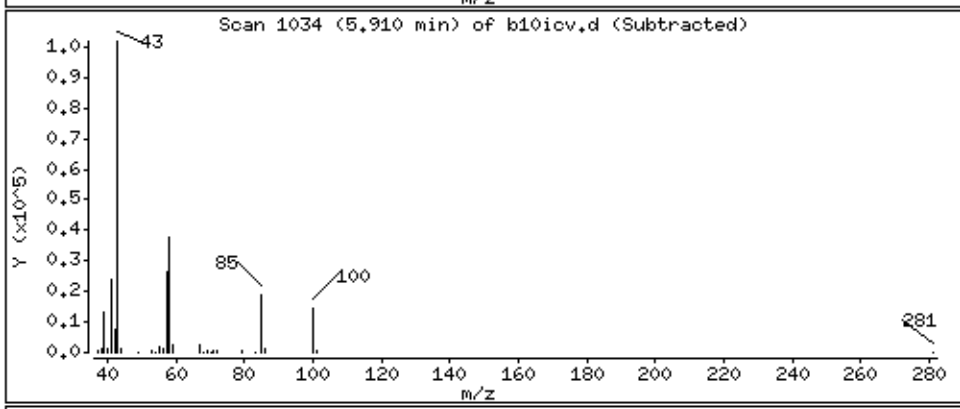
Column diameter: 0.18

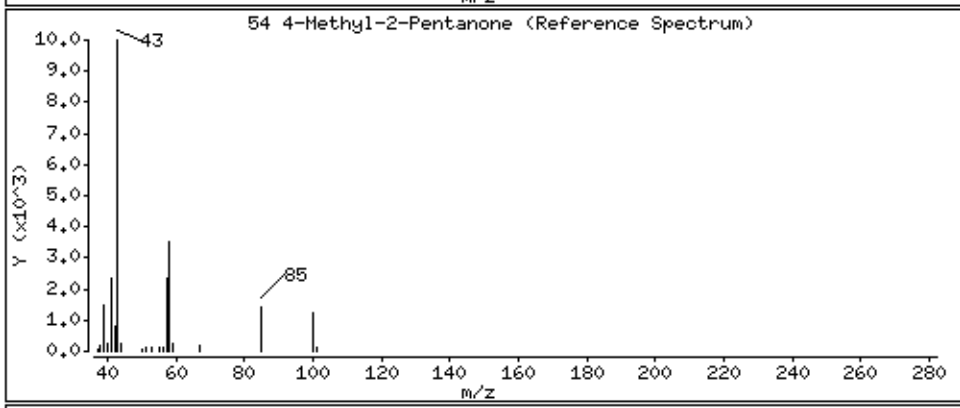
54 4-Methyl-2-Pentanone

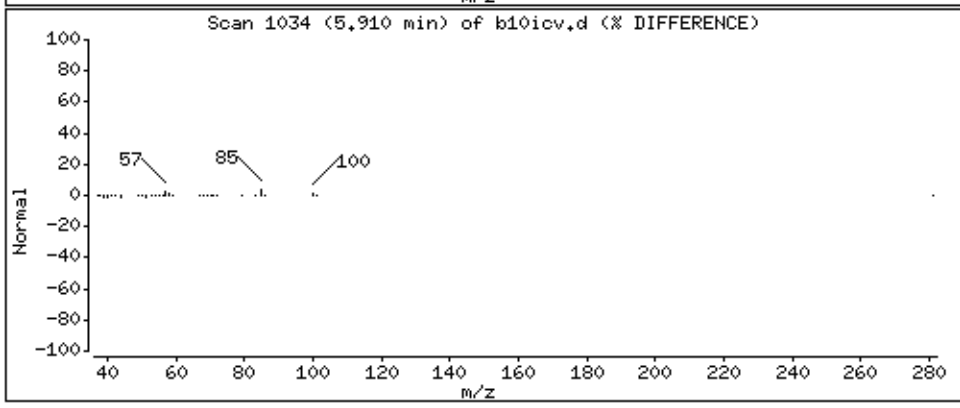
Concentration: 247 ppb

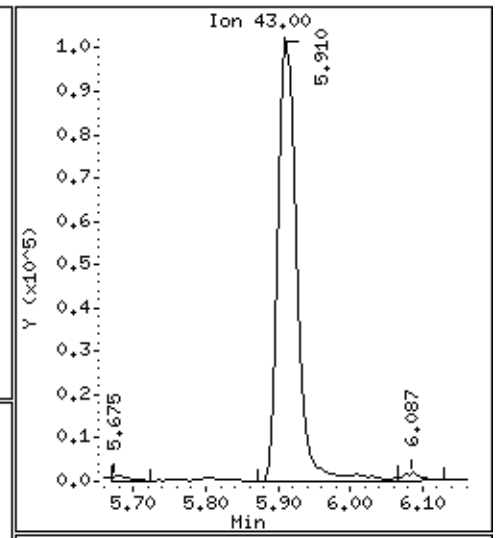
Review Code:

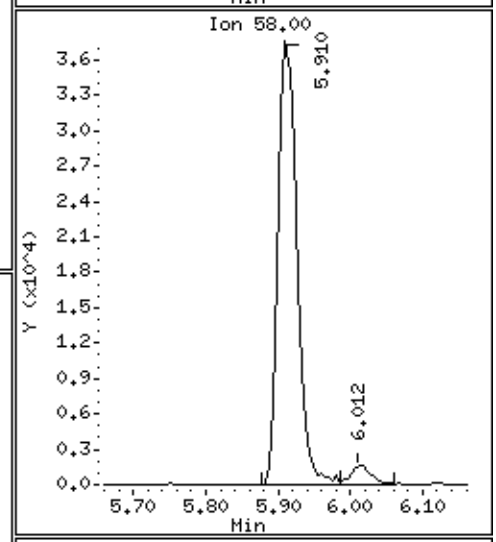


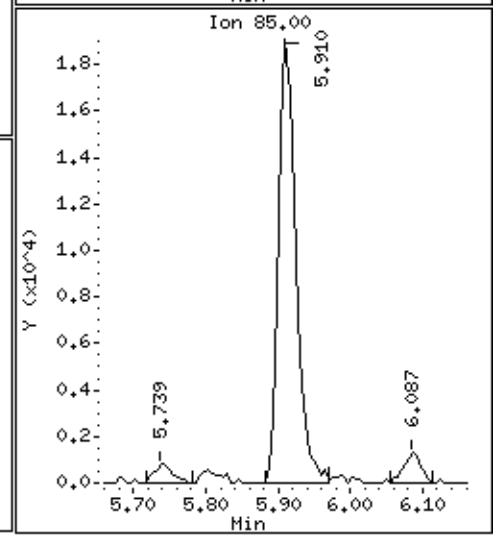












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

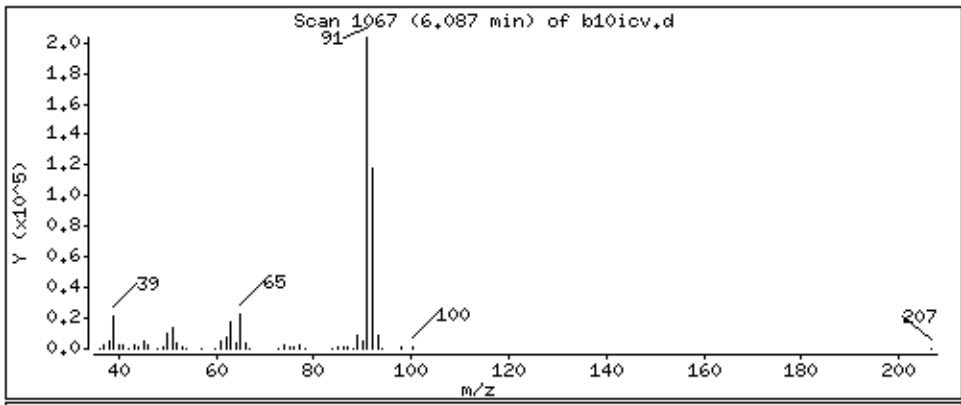
Column phase: DB-624

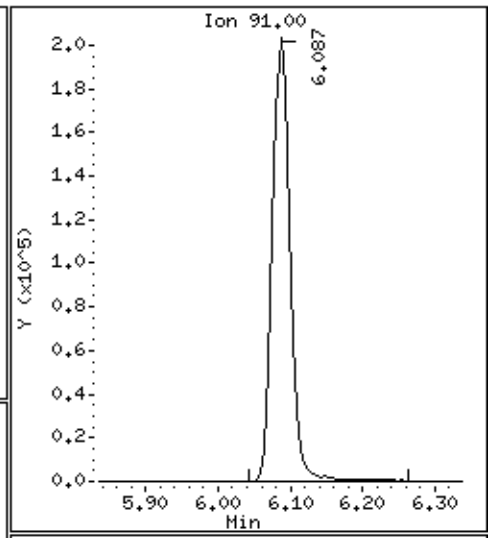
Column diameter: 0.18

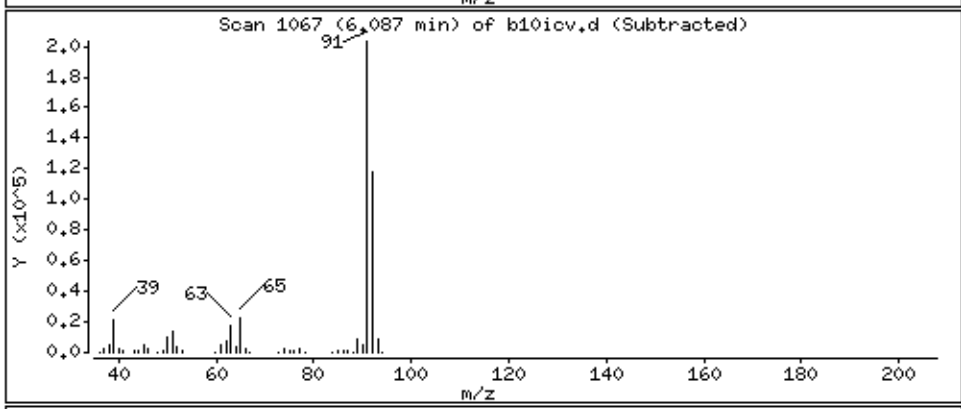
56 Toluene

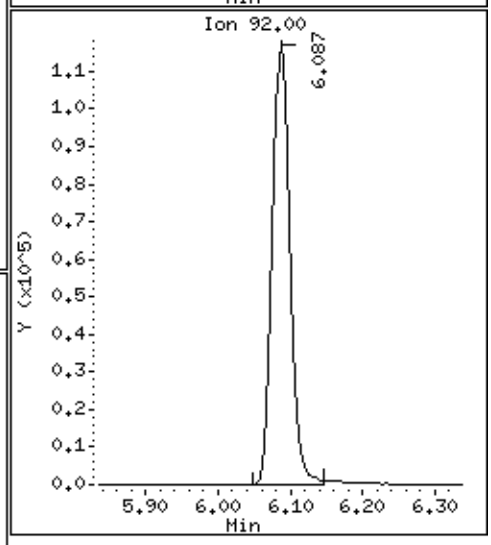
Concentration: 46.9 ppb

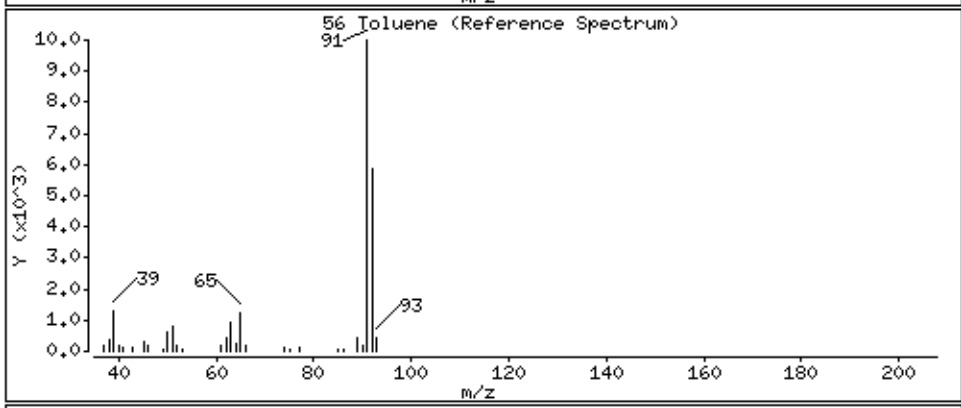
Review Code:

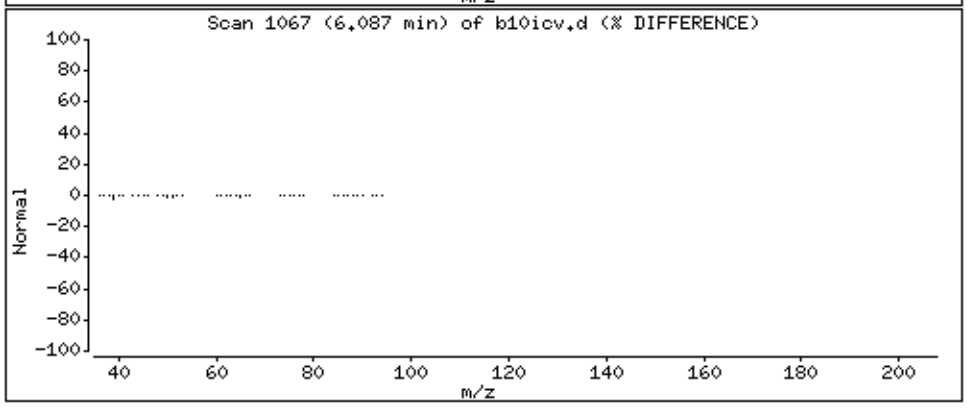












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

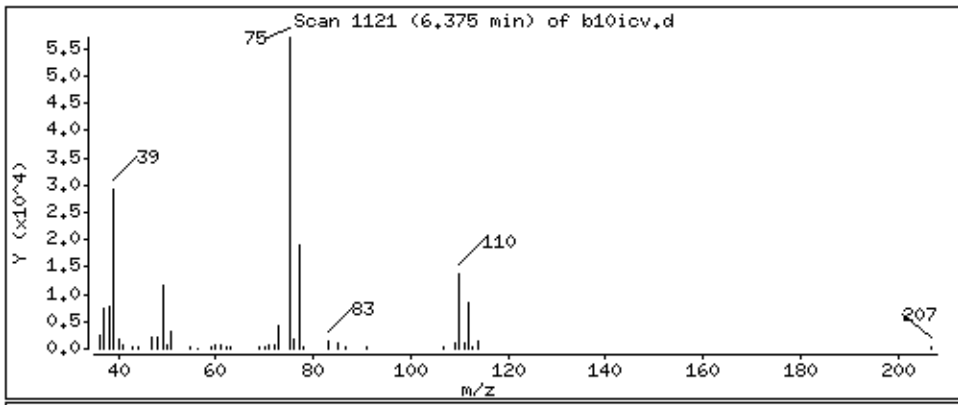
Column phase: DB-624

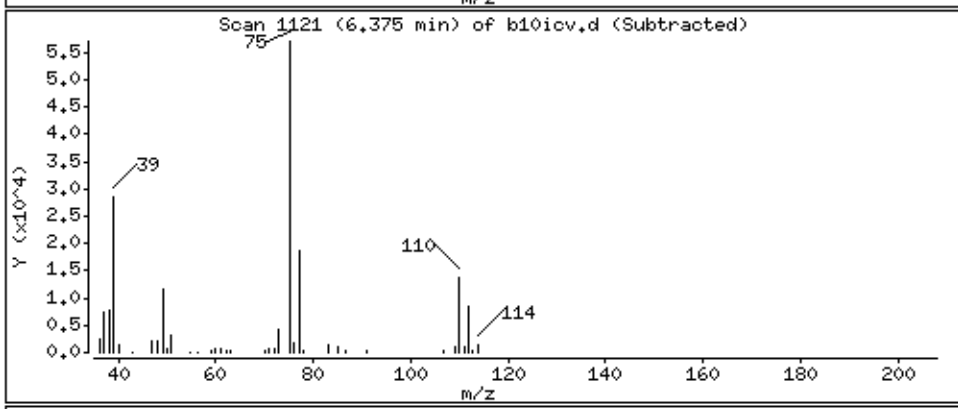
Column diameter: 0.18

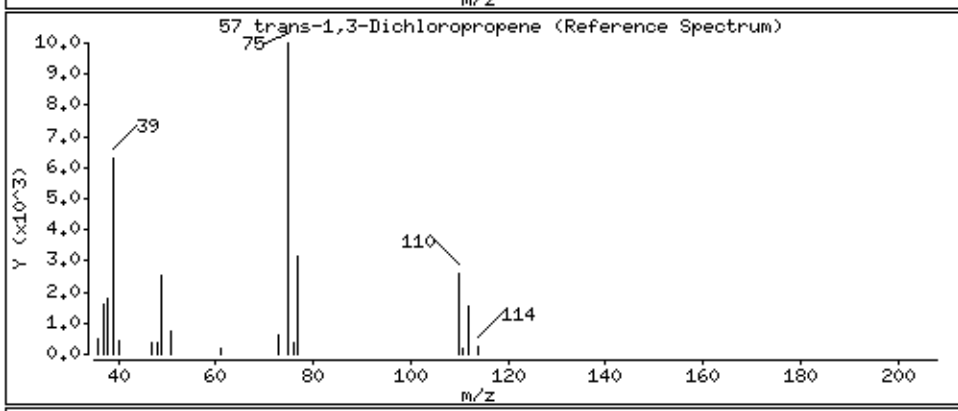
57 trans-1,3-Dichloropropene

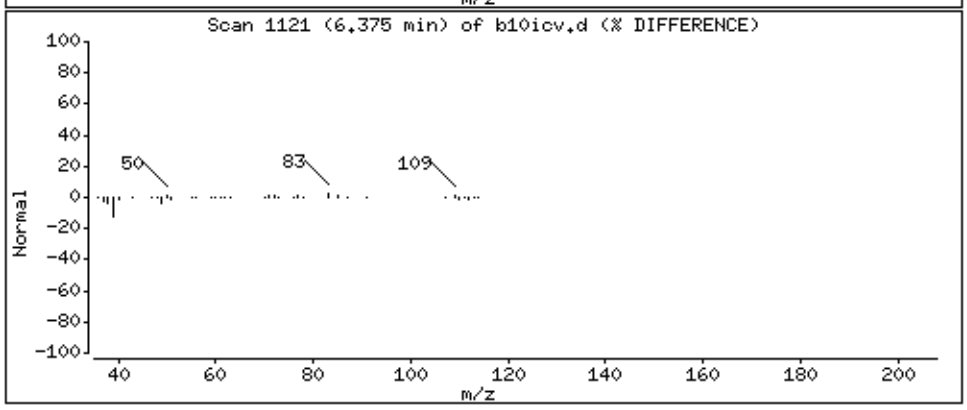
Concentration: 51.7 ppb

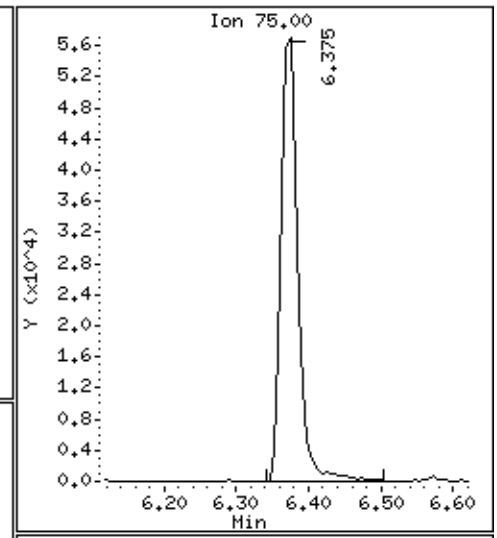
Review Code:

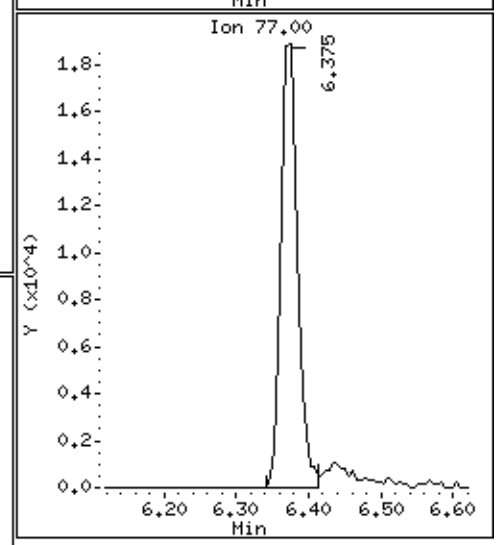












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

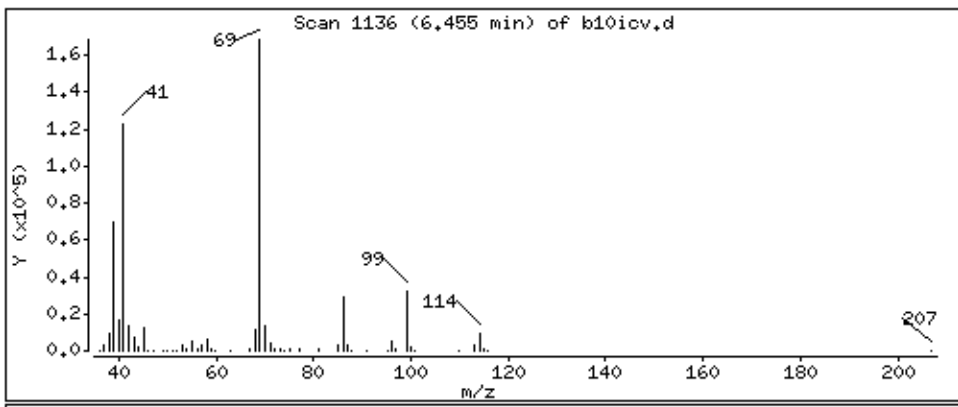
Column phase: DB-624

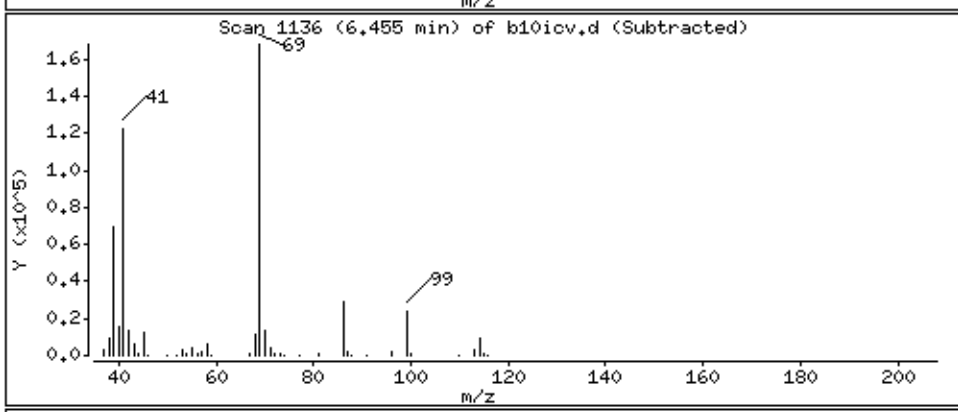
Column diameter: 0.18

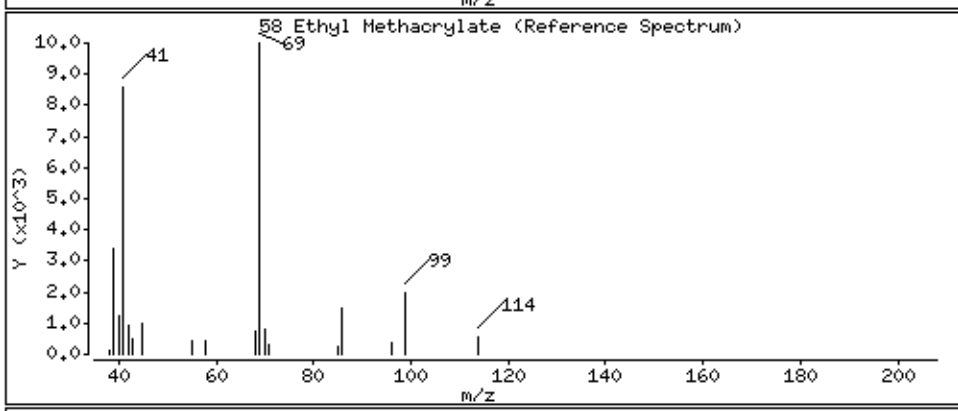
58 Ethyl Methacrylate

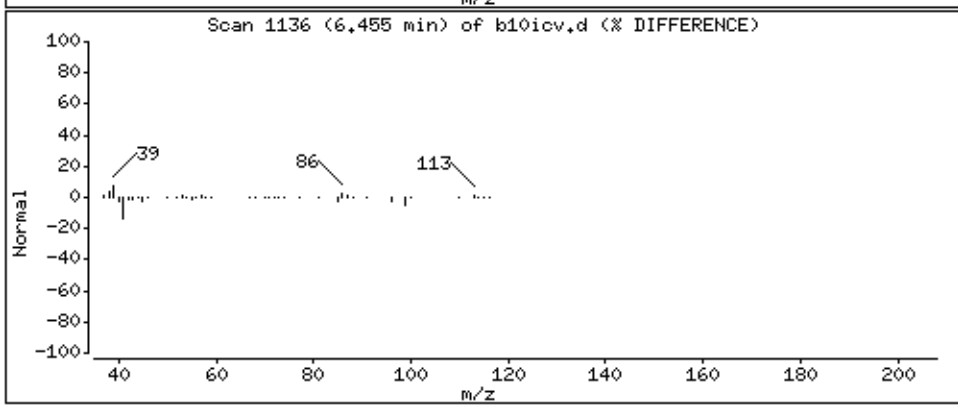
Concentration: 194 ppb

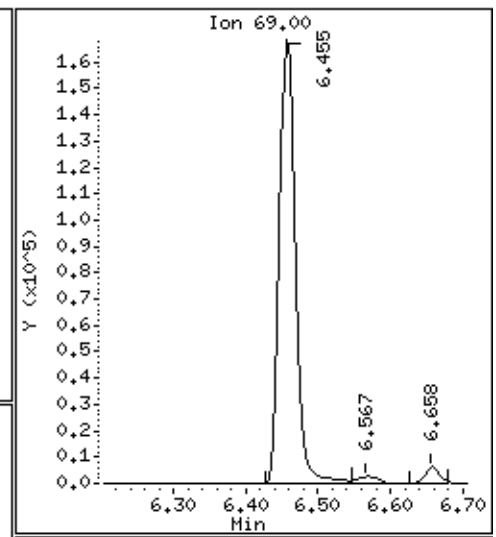
Review Code:

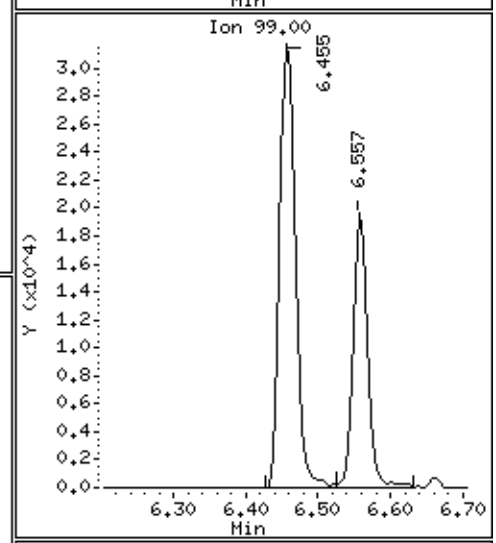


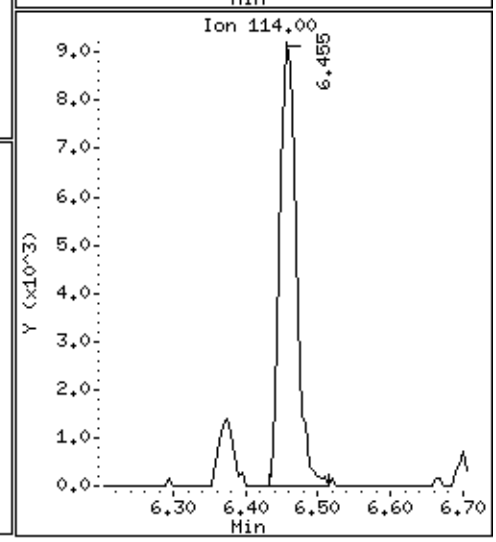












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

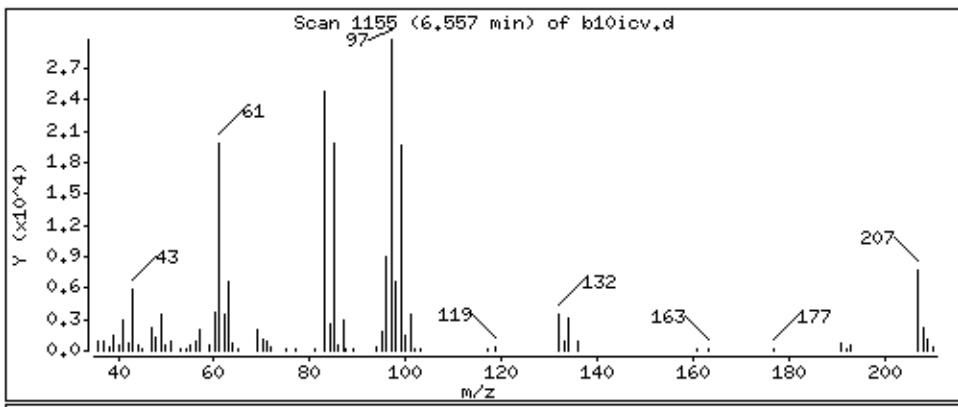
Column phase: DB-624

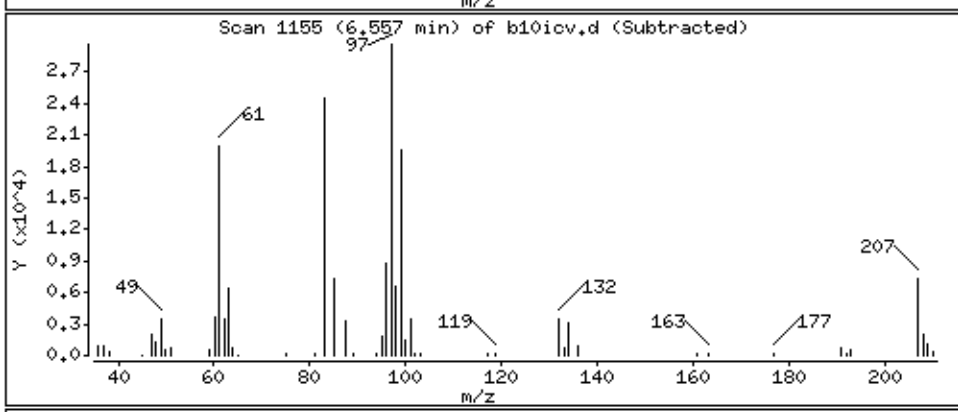
Column diameter: 0.18

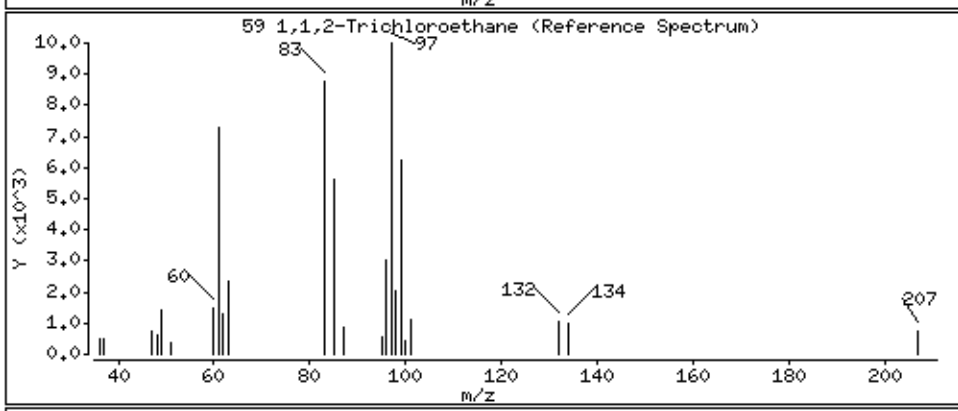
59 1,1,2-Trichloroethane

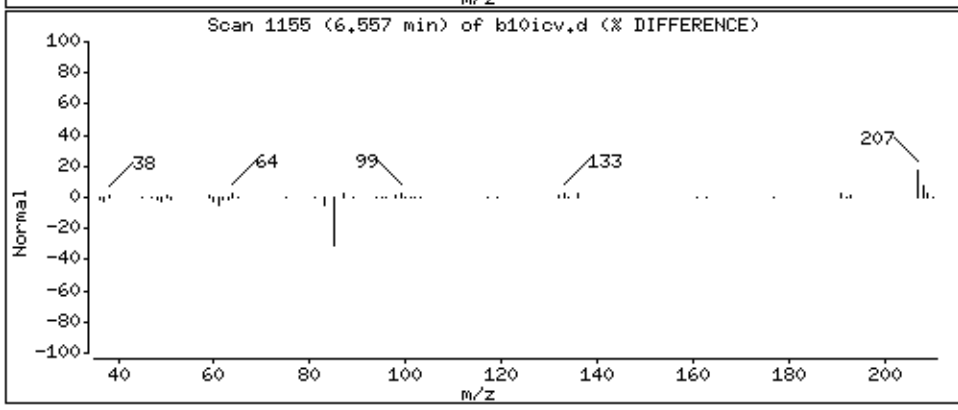
Concentration: 46.3 ppb

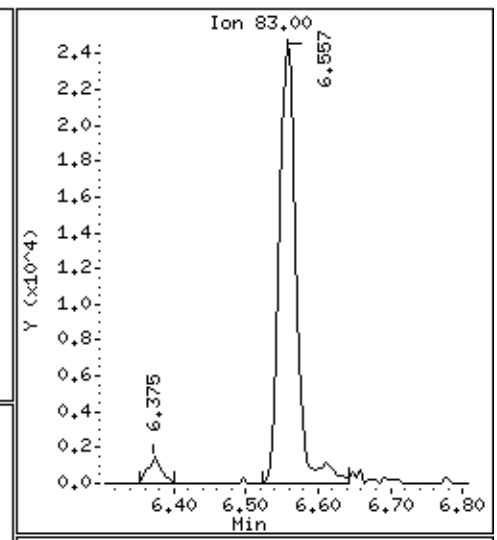
Review Code:

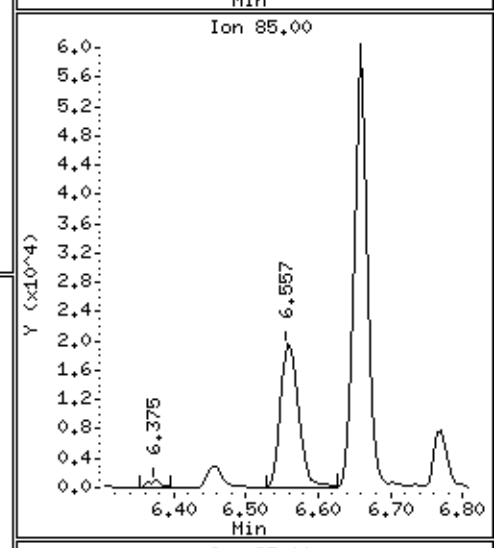


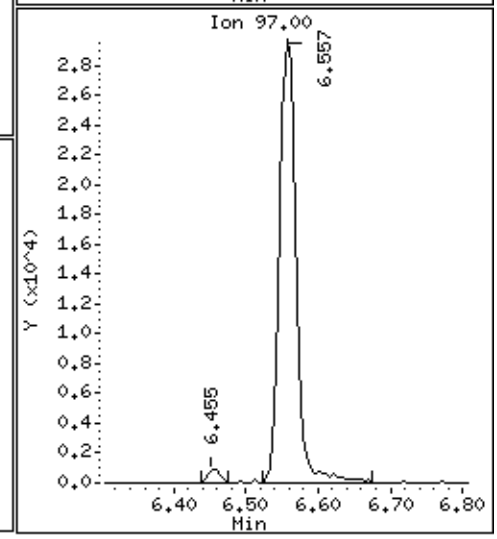












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

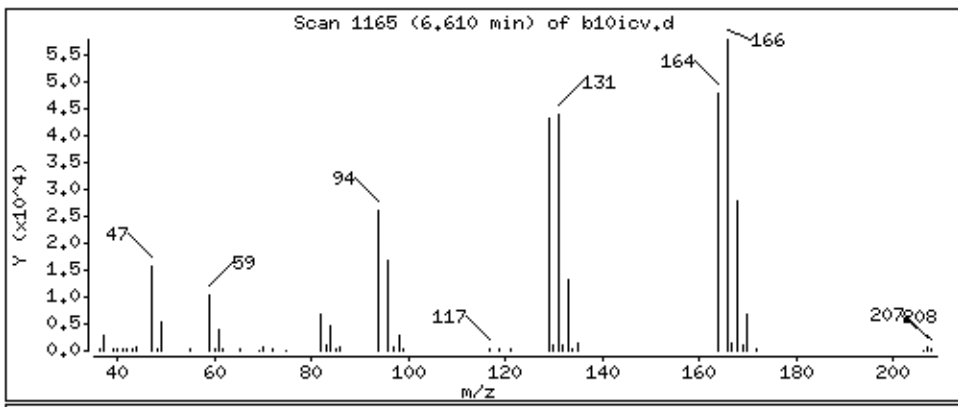
Column phase: DB-624

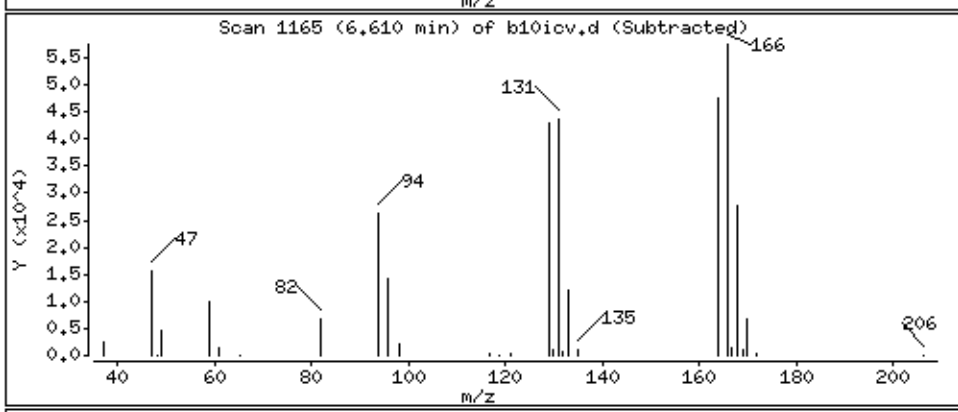
Column diameter: 0.18

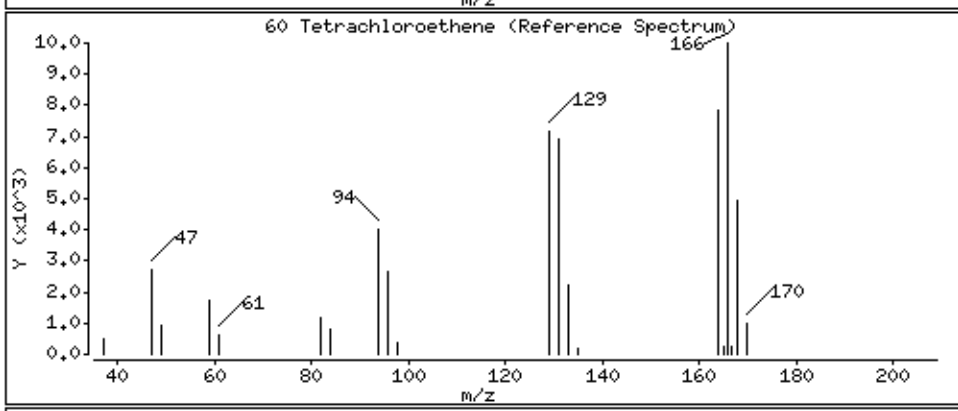
60 Tetrachloroethene

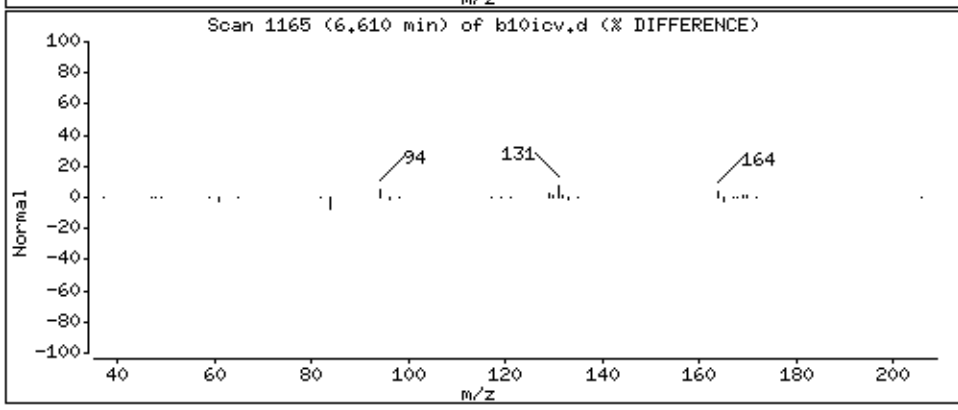
Concentration: 45.8 ppb

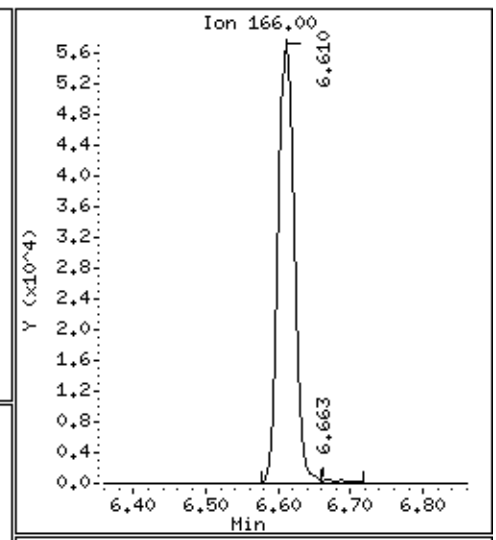
Review Code:

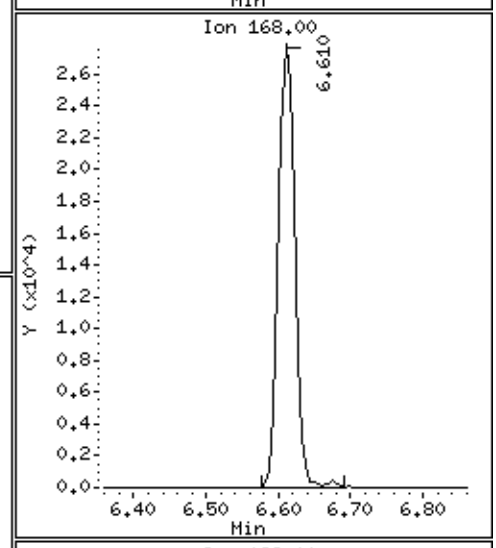


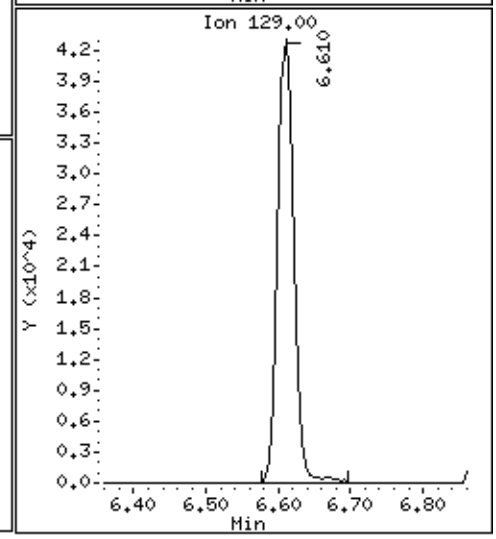












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

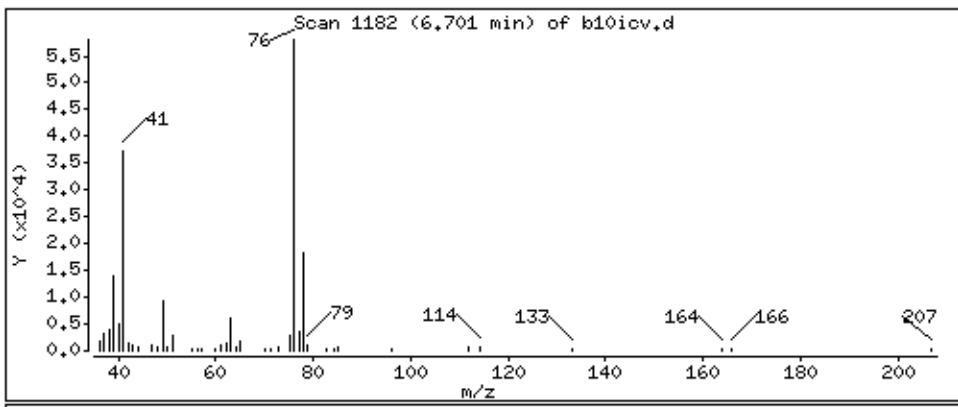
Column phase: DB-624

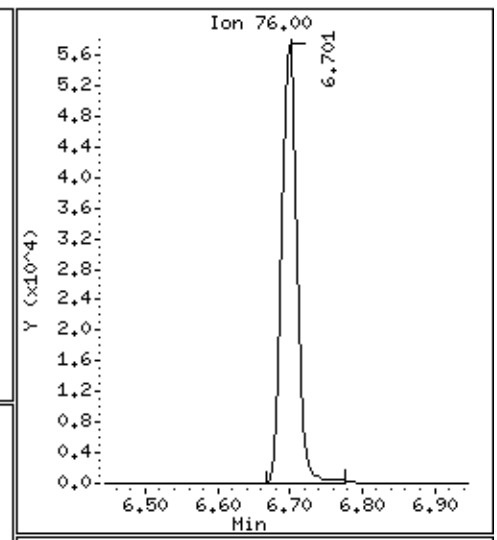
Column diameter: 0.18

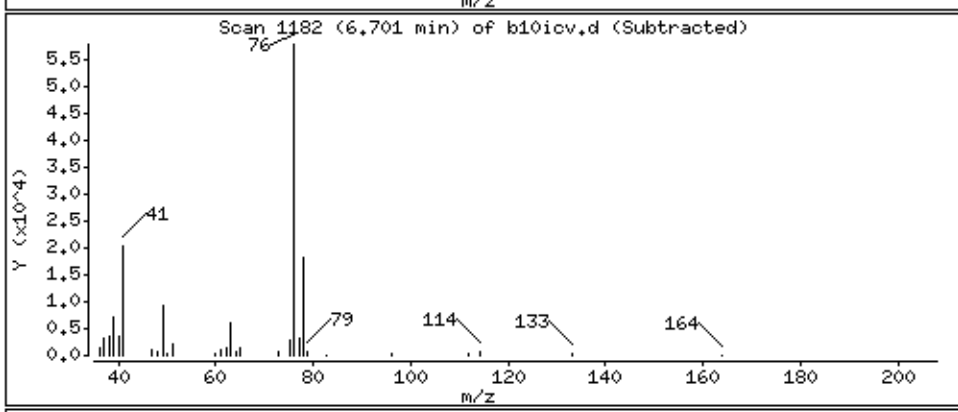
61 1,3-Dichloropropane

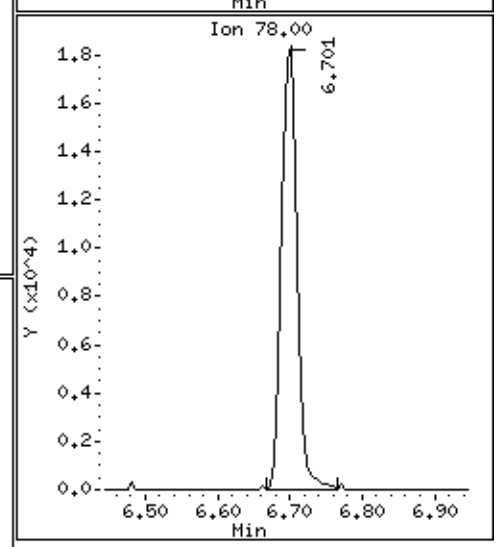
Concentration: 51.2 ppb

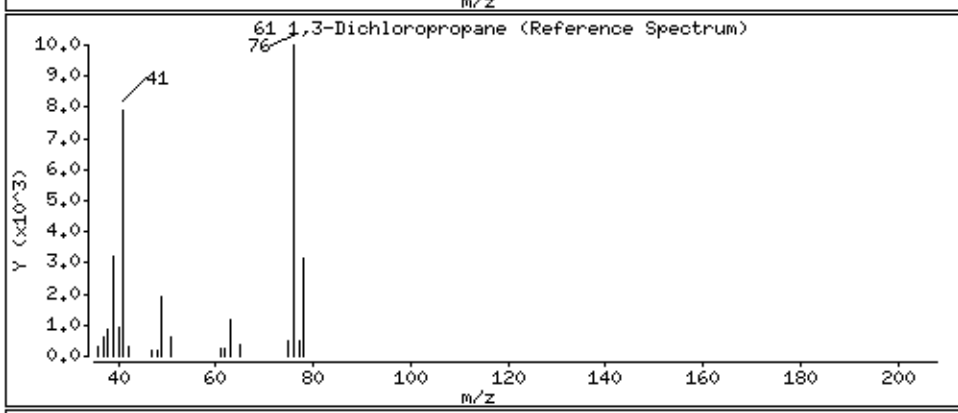
Review Code:

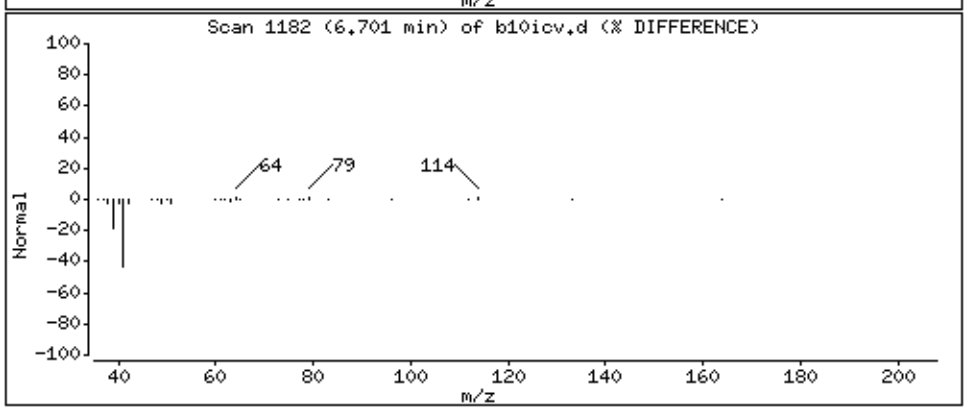












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

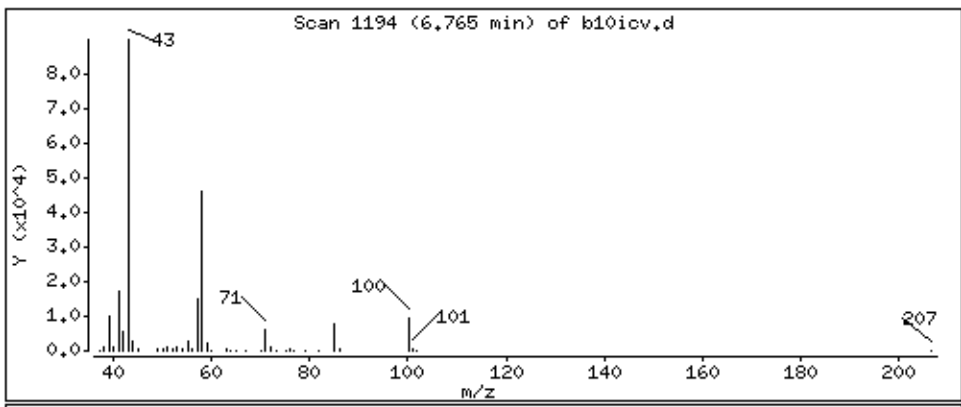
Column phase: DB-624

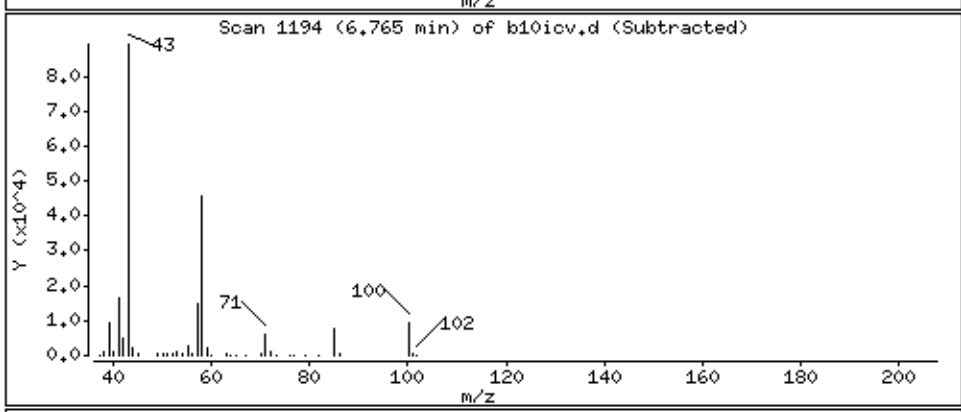
Column diameter: 0.18

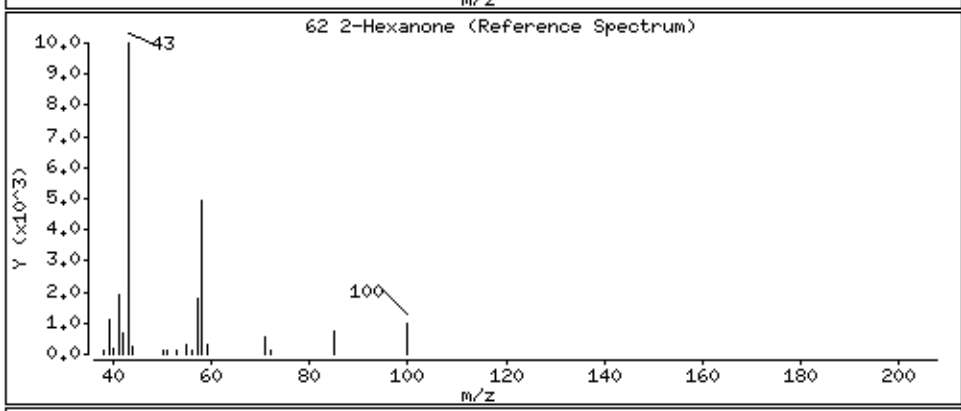
62 2-Hexanone

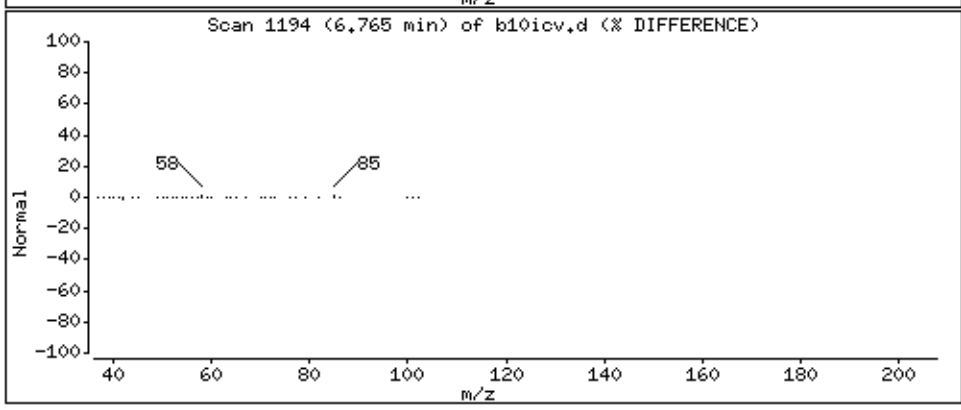
Concentration: 256 ppb

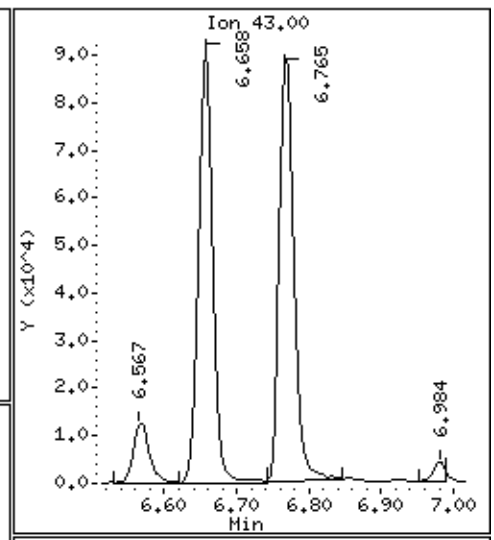
Review Code:

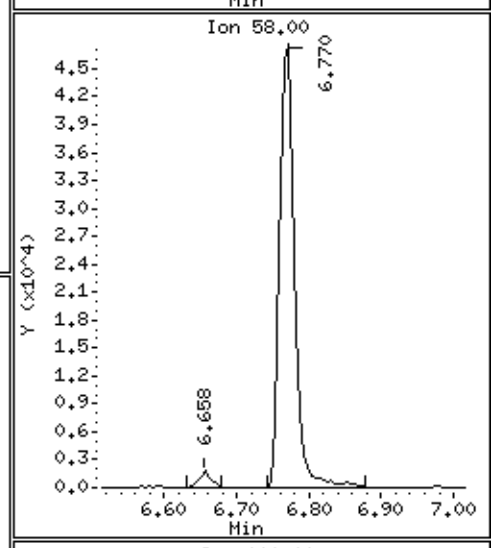


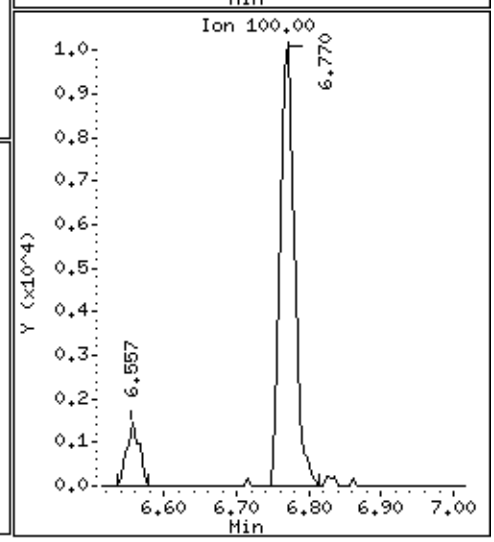












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

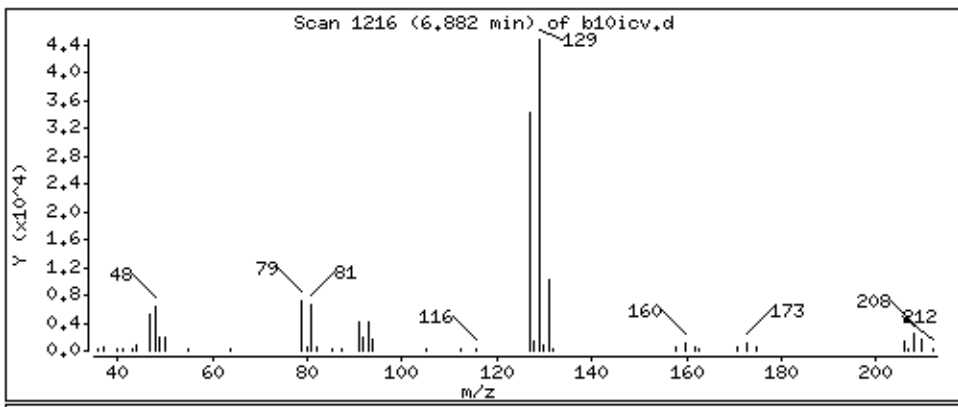
Column phase: DB-624

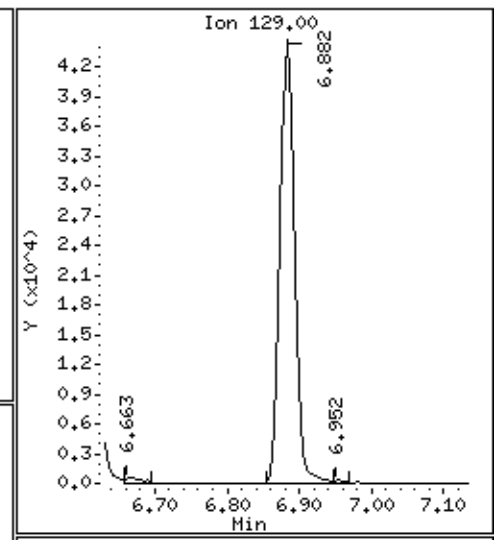
Column diameter: 0.18

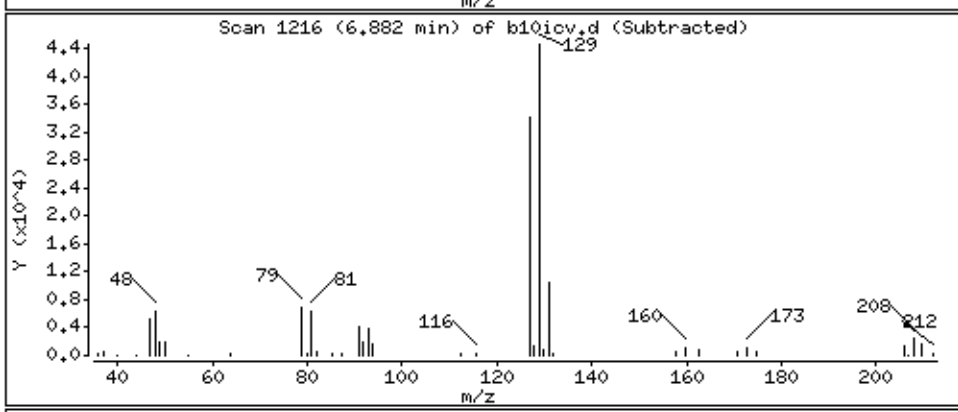
63 Dibromochloromethane

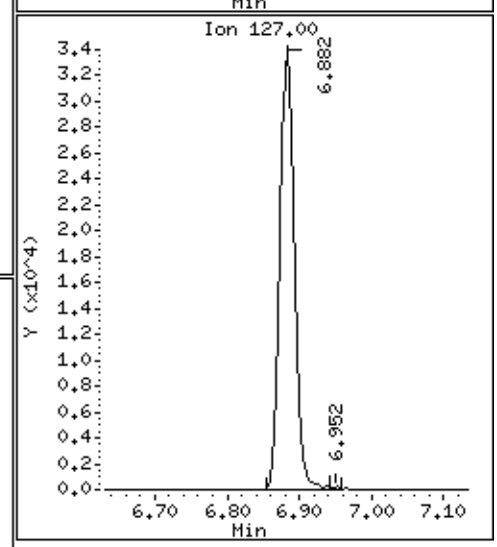
Concentration: 51.3 ppb

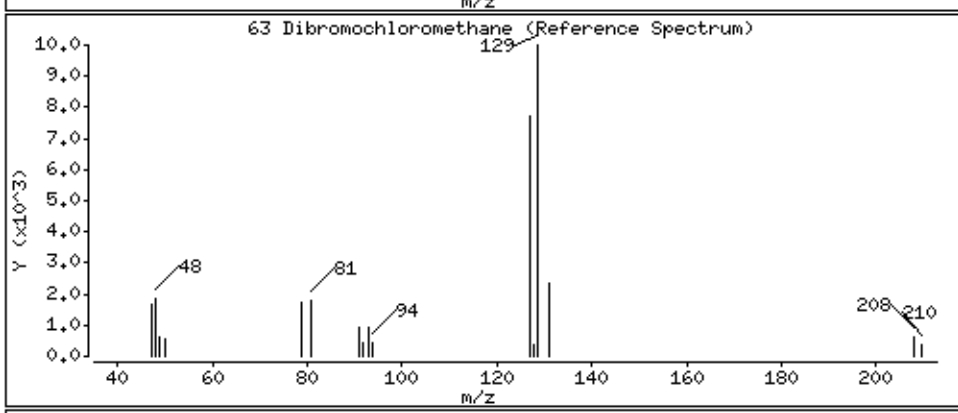
Review Code:

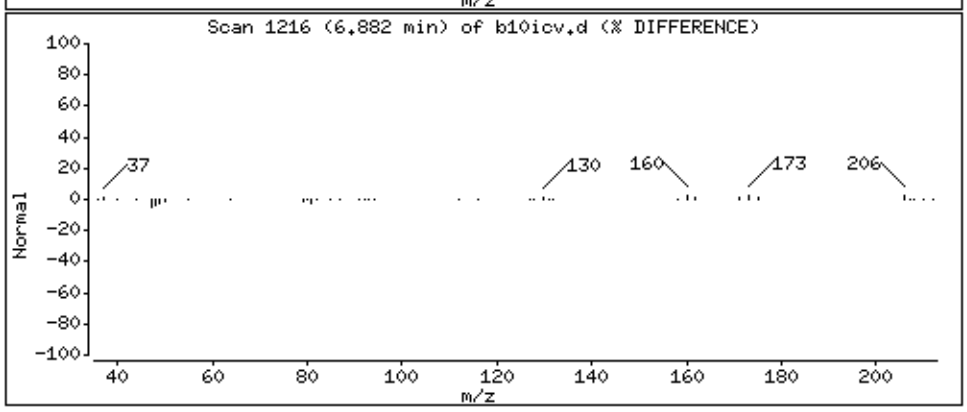












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

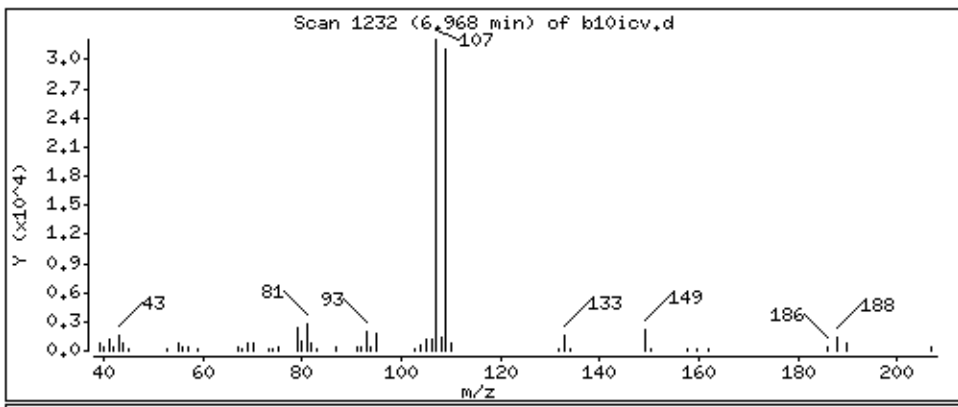
Column phase: DB-624

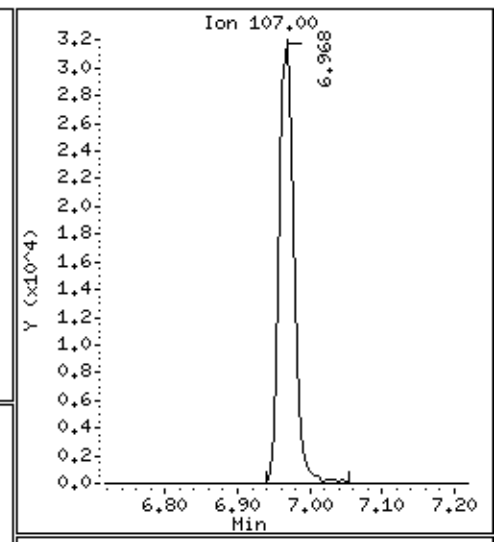
Column diameter: 0.18

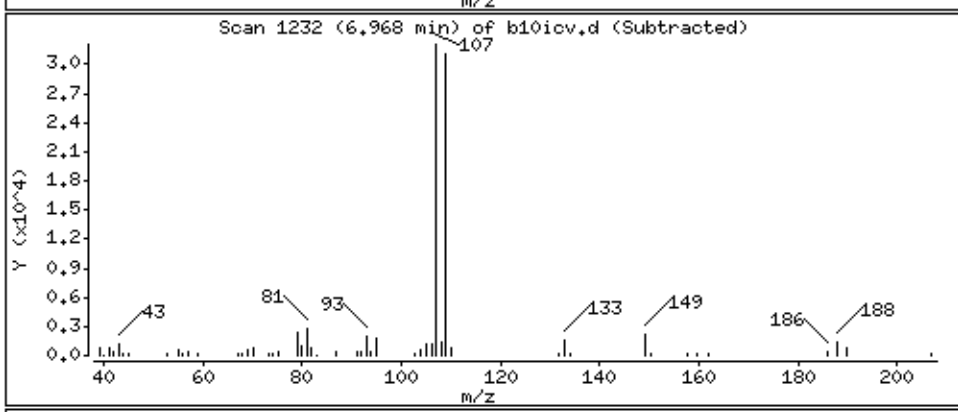
64 1,2-Dibromoethane

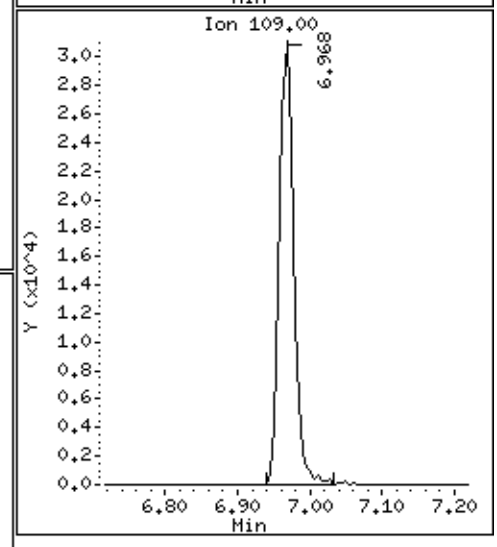
Concentration: 48.4 ppb

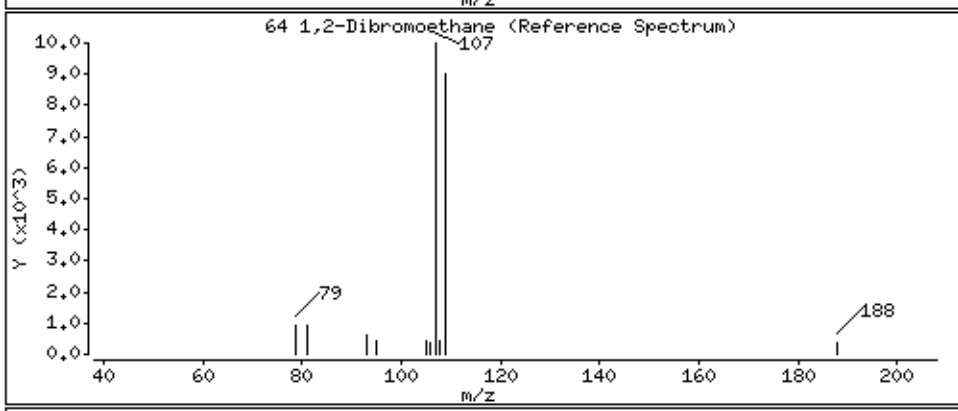
Review Code:

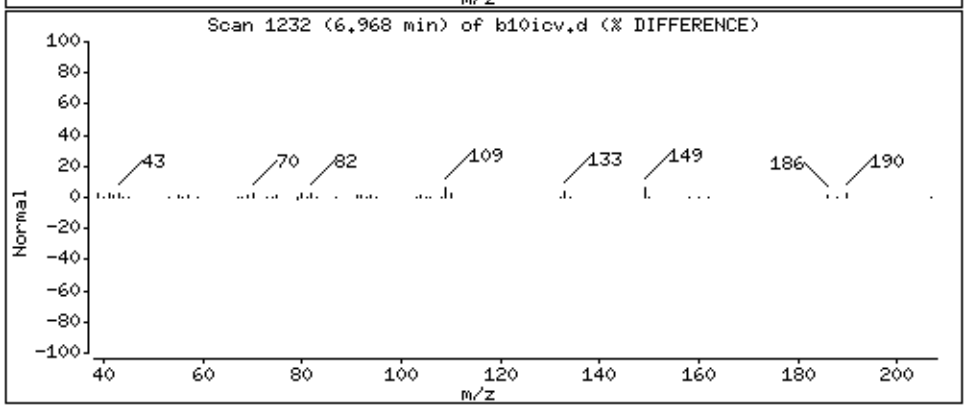












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

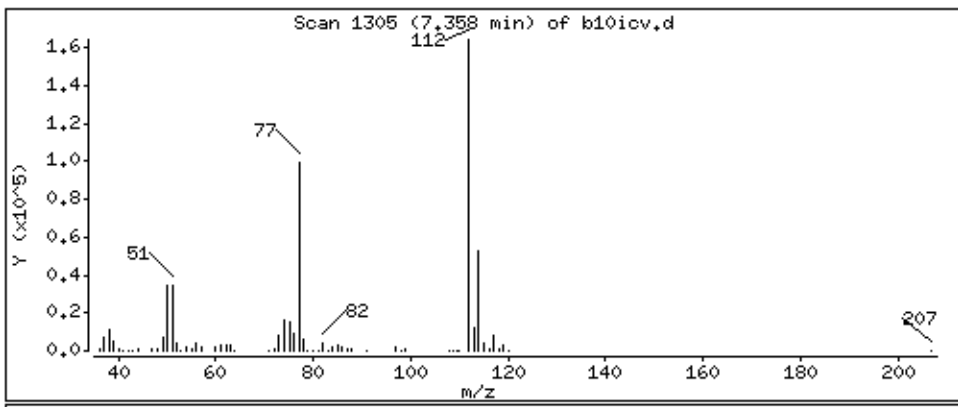
Column phase: DB-624

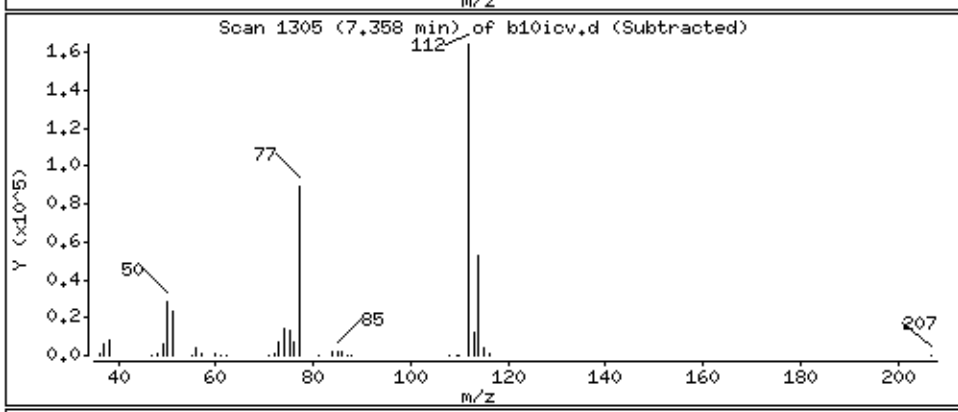
Column diameter: 0.18

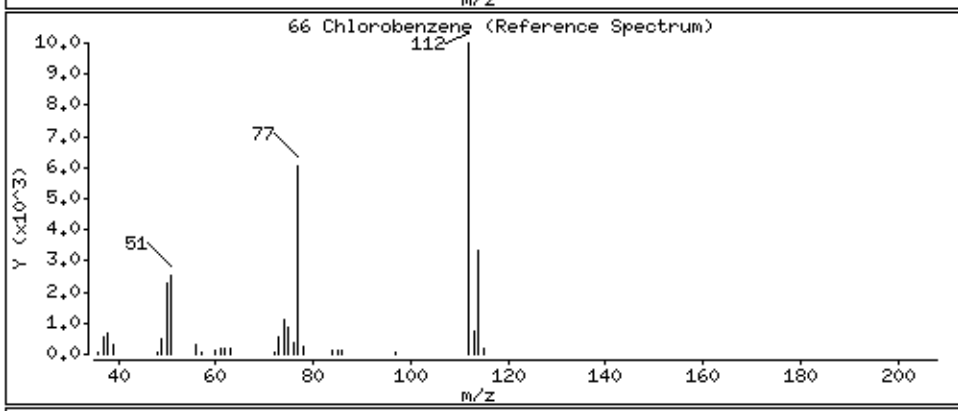
66 Chlorobenzene

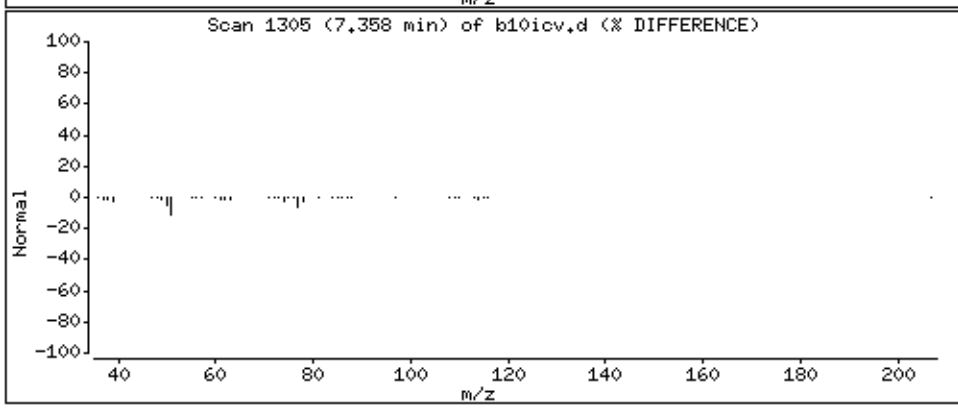
Concentration: 47.8 ppb

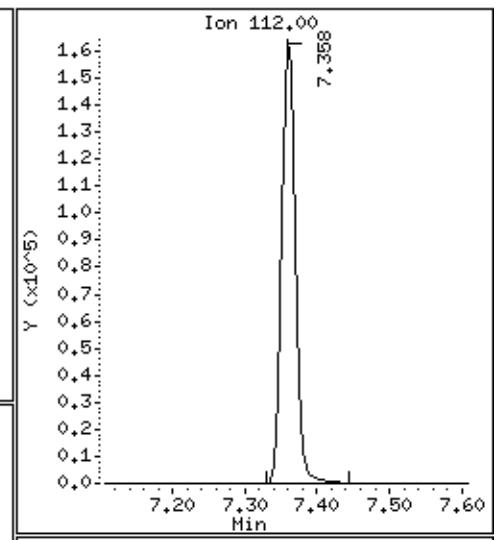
Review Code:

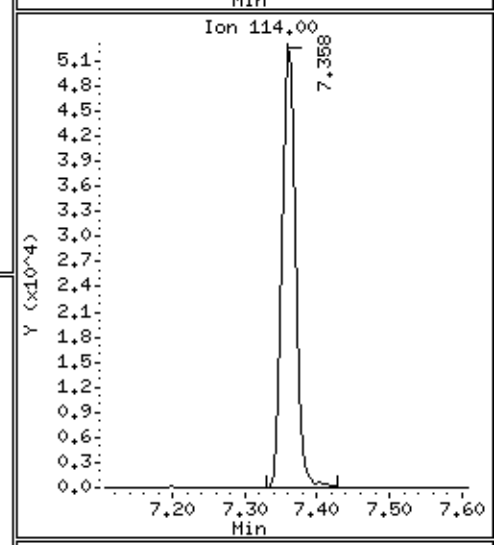


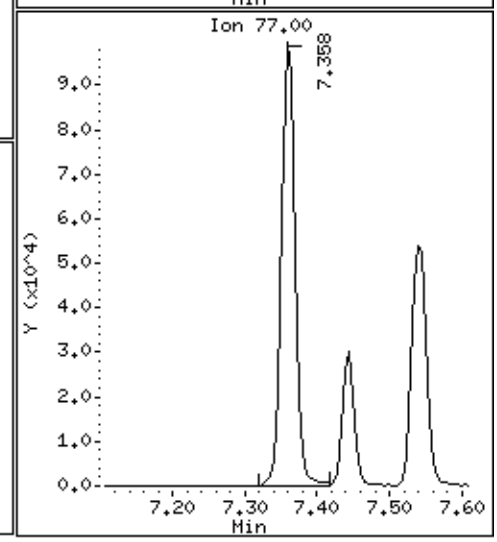












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

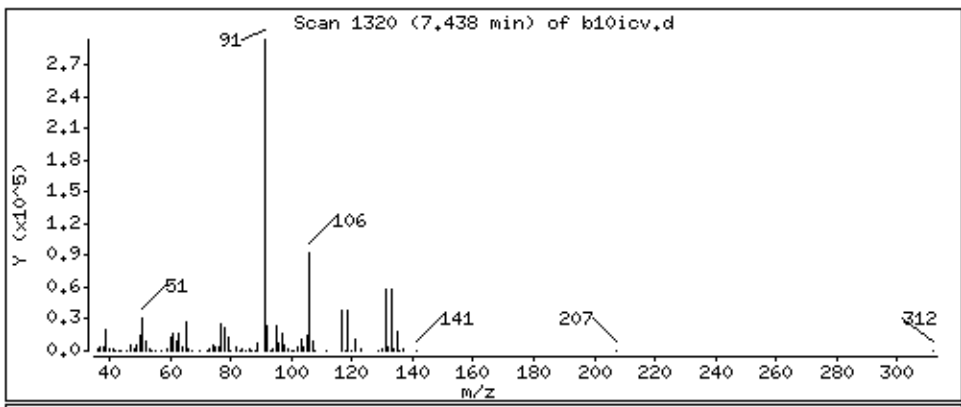
Column phase: DB-624

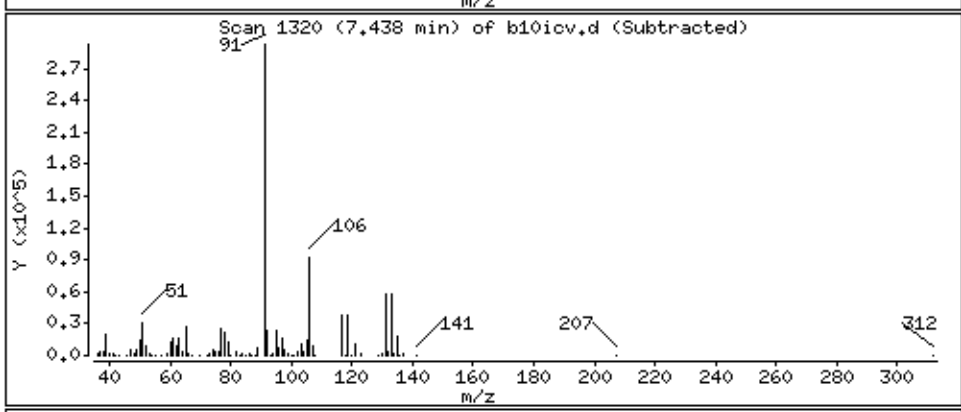
Column diameter: 0.18

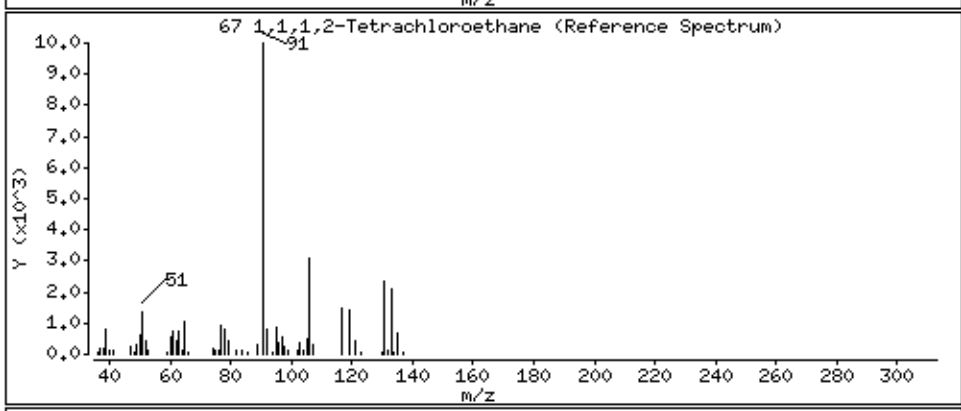
67 1,1,1,2-Tetrachloroethane

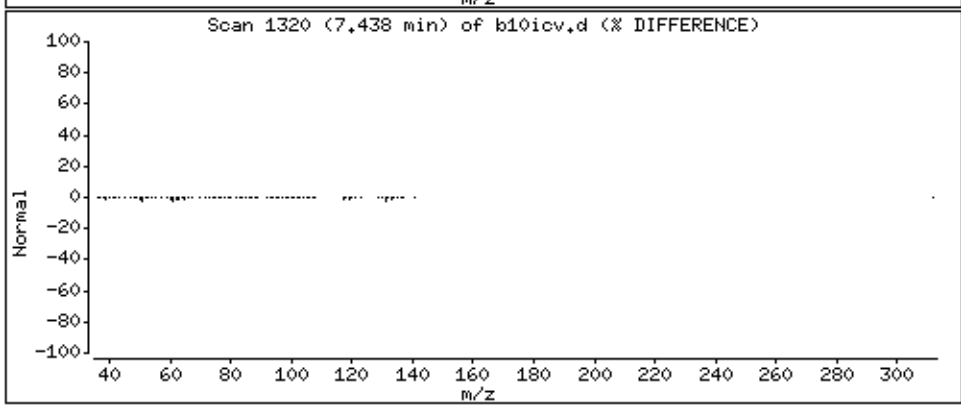
Concentration: 48.7 ppb

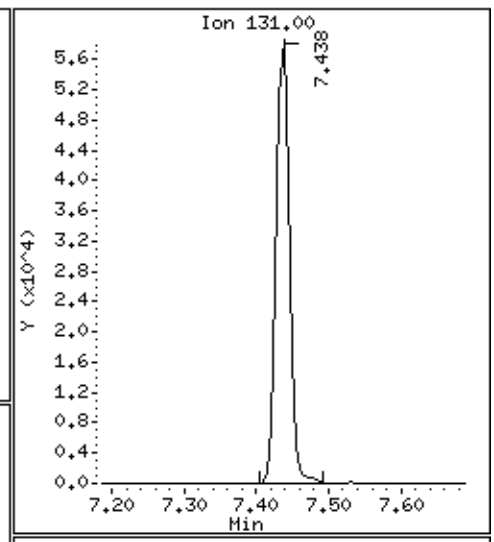
Review Code:

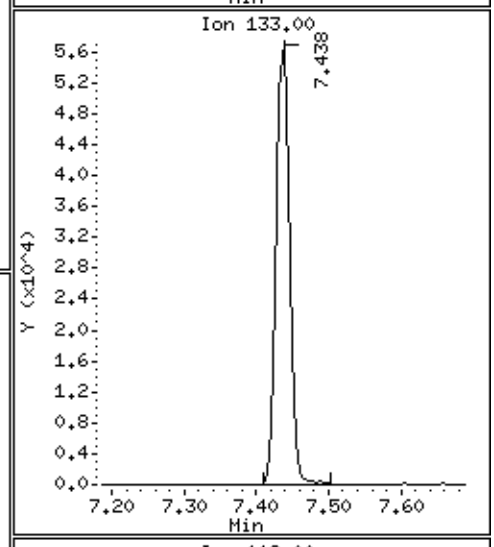


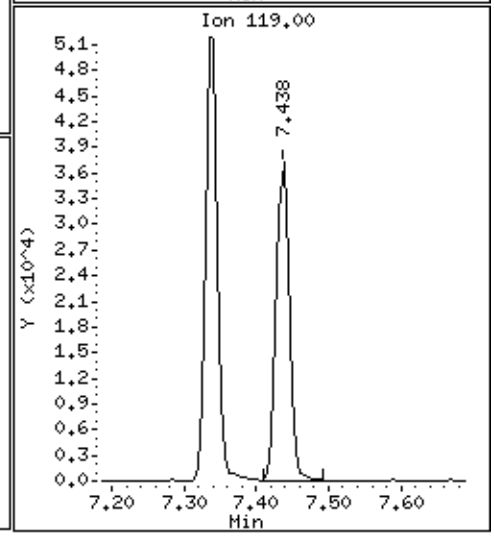












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

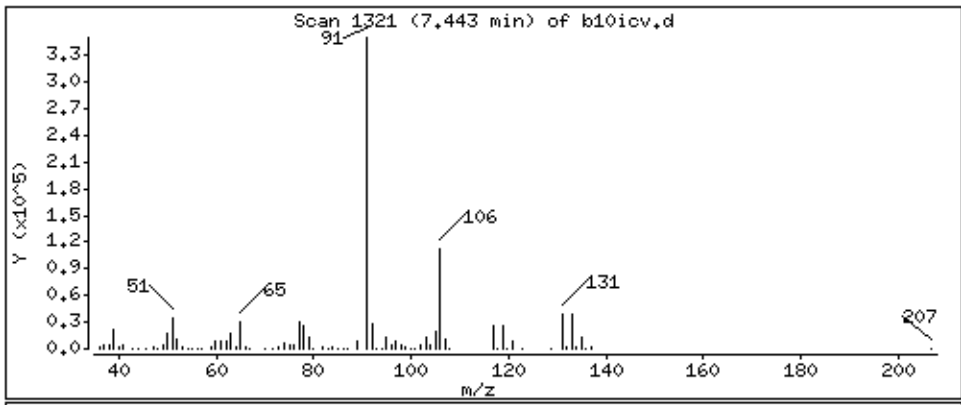
Column phase: DB-624

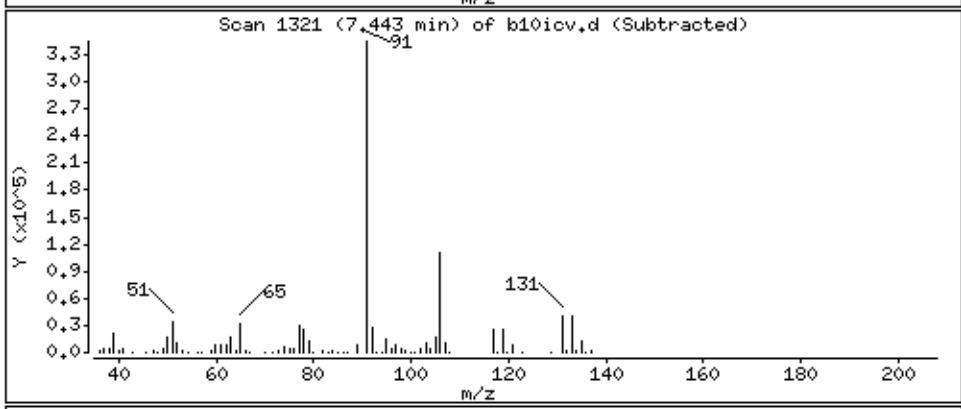
Column diameter: 0.18

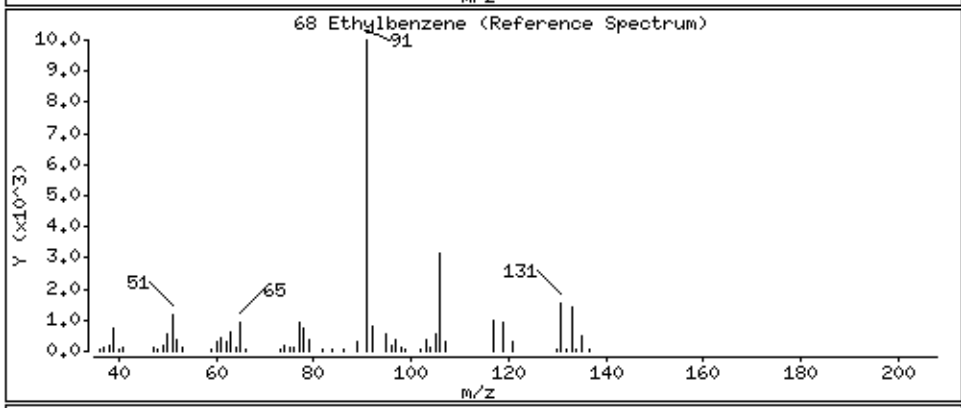
68 Ethylbenzene

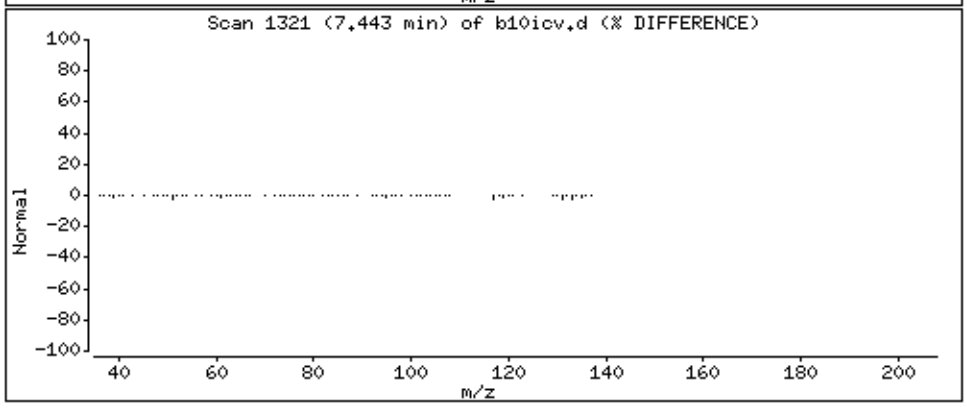
Concentration: 44.8 ppb

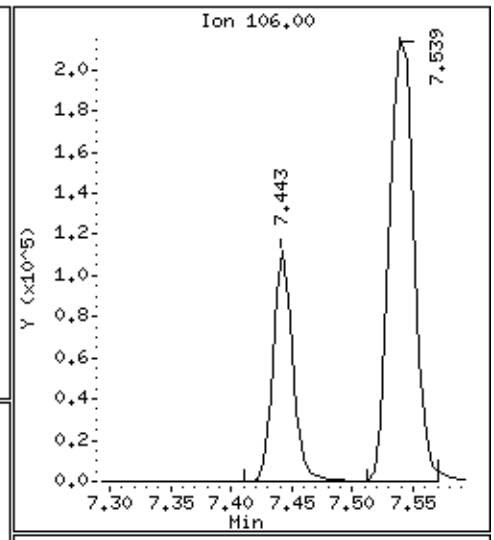
Review Code:

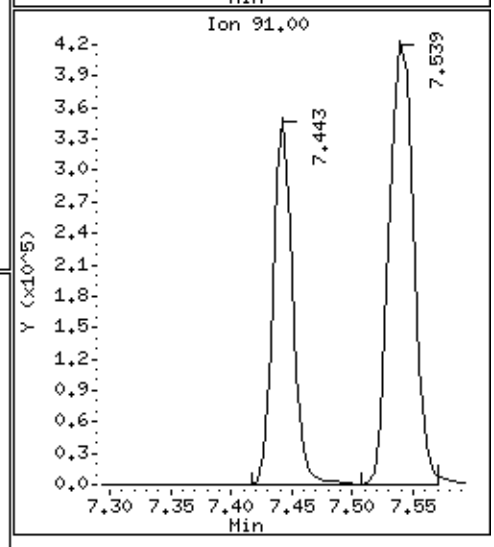












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

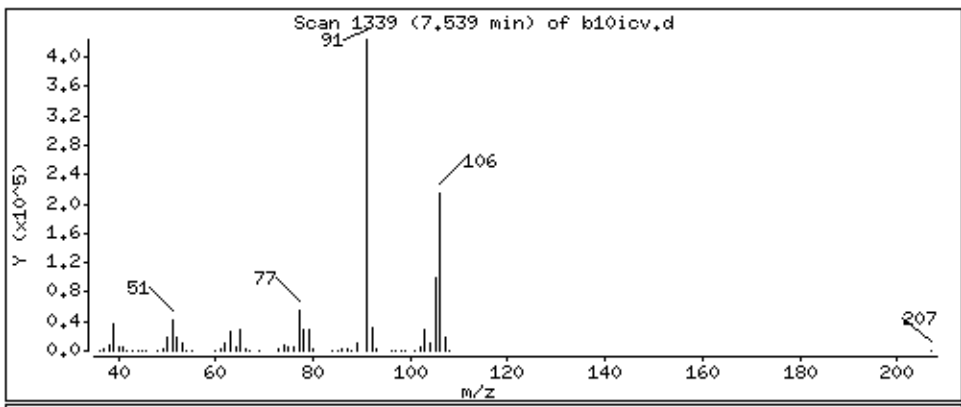
Column phase: DB-624

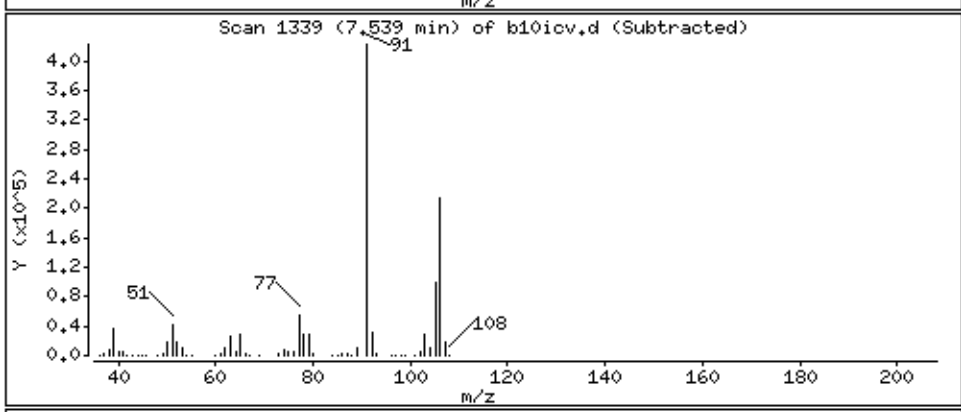
Column diameter: 0.18

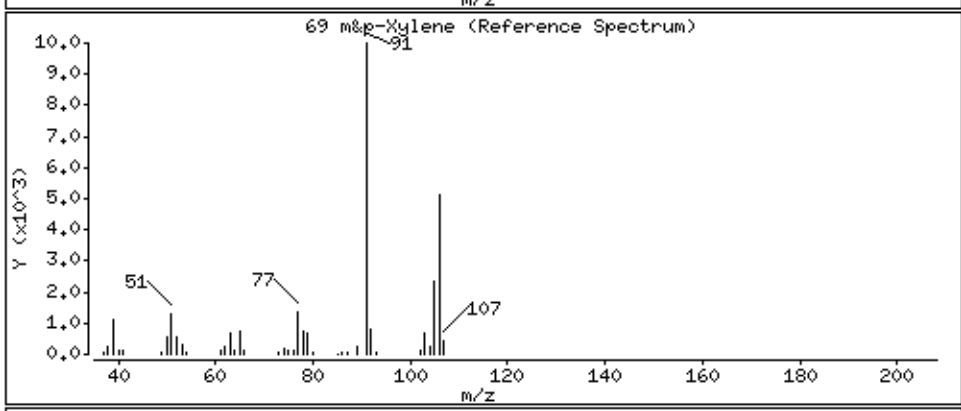
69 m&p-Xylene

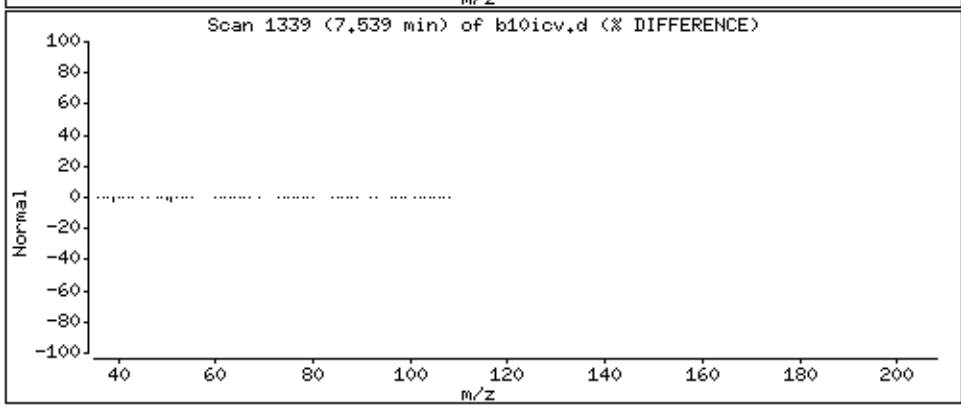
Concentration: 89.9 ppb

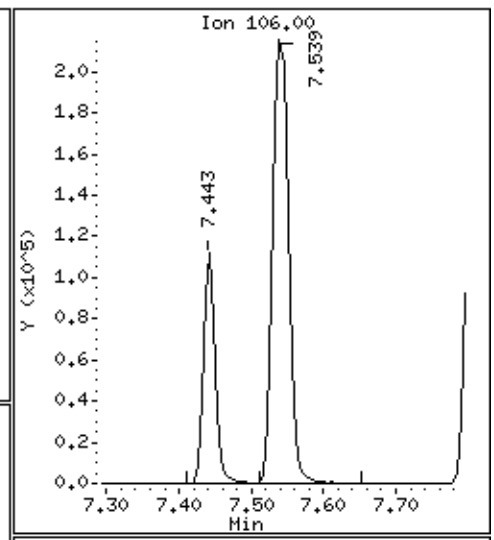
Review Code:

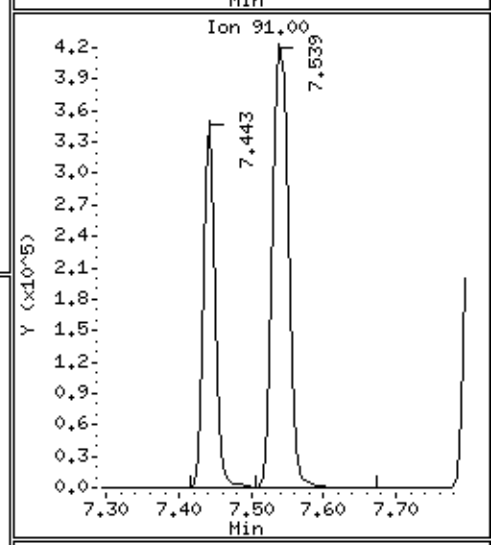


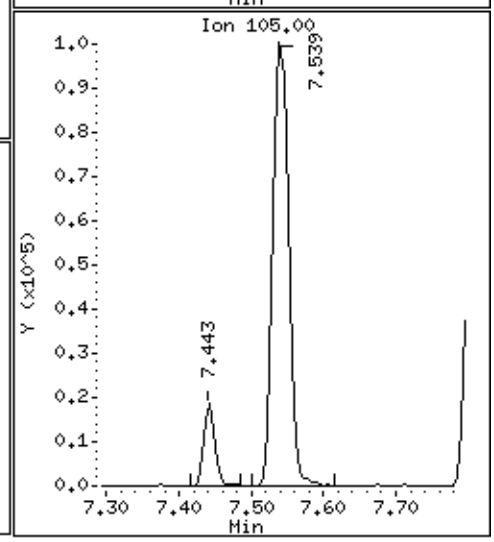












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

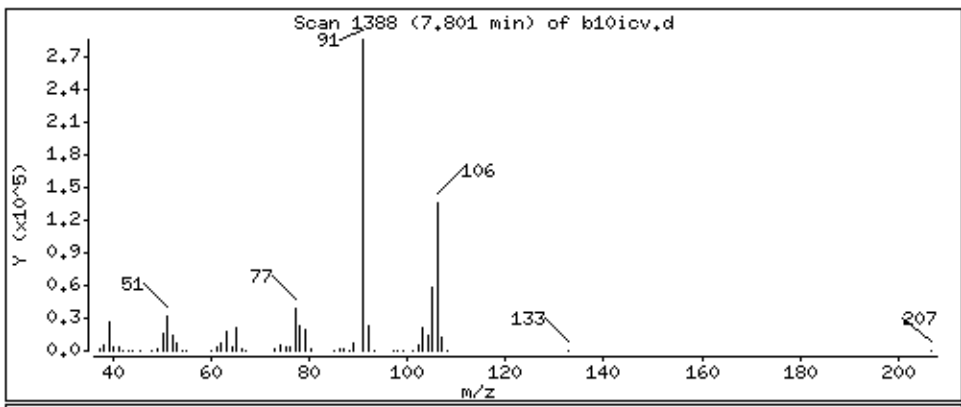
Column phase: DB-624

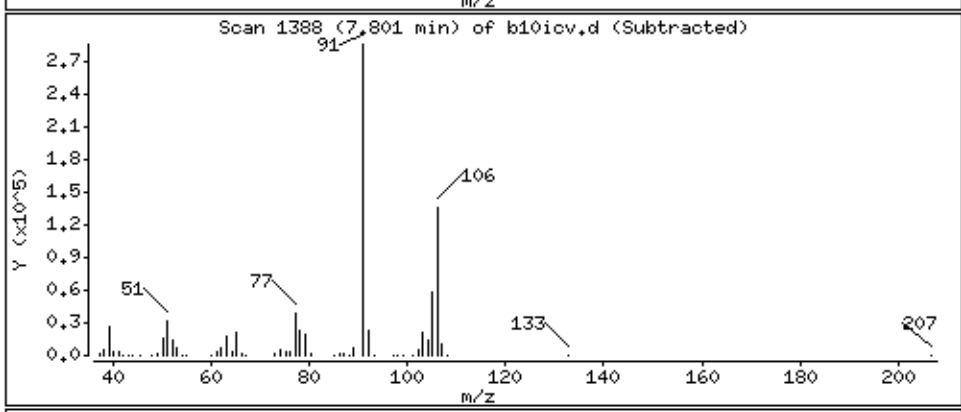
Column diameter: 0.18

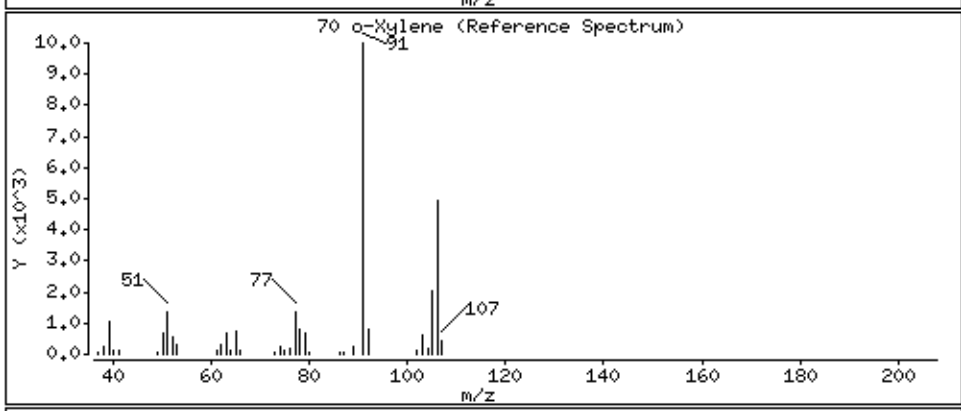
70 o-Xylene

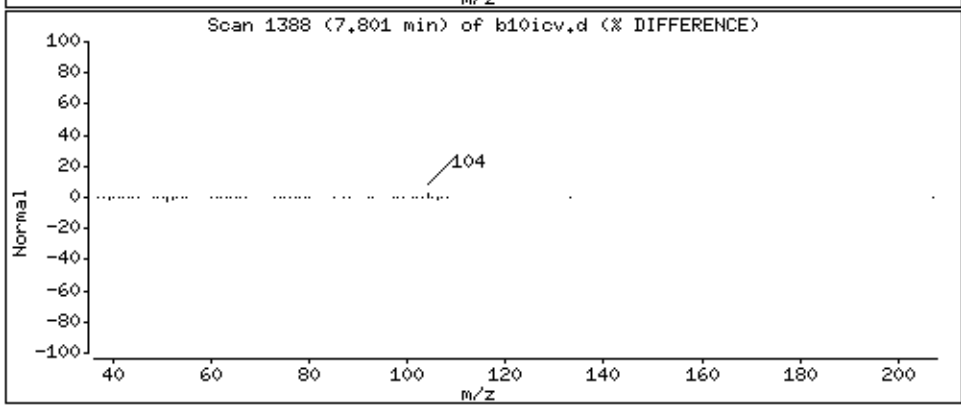
Concentration: 45.8 ppb

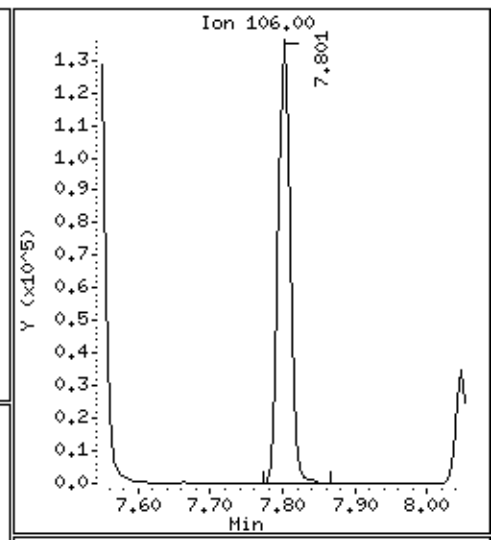
Review Code:

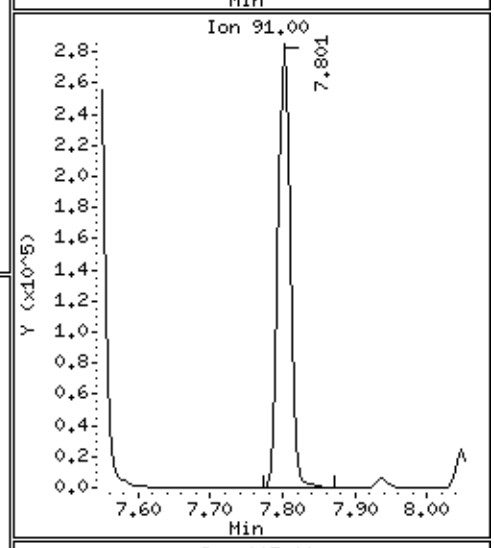


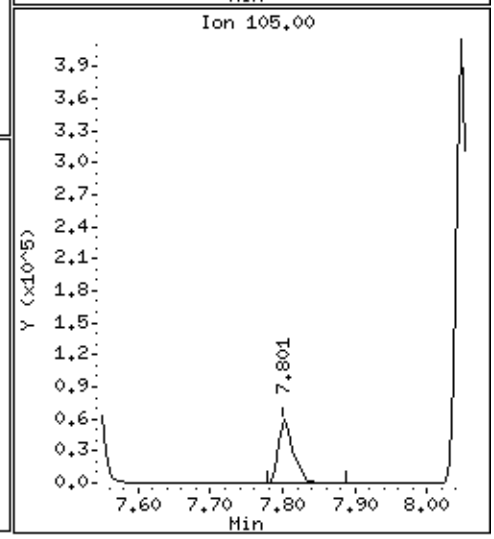












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

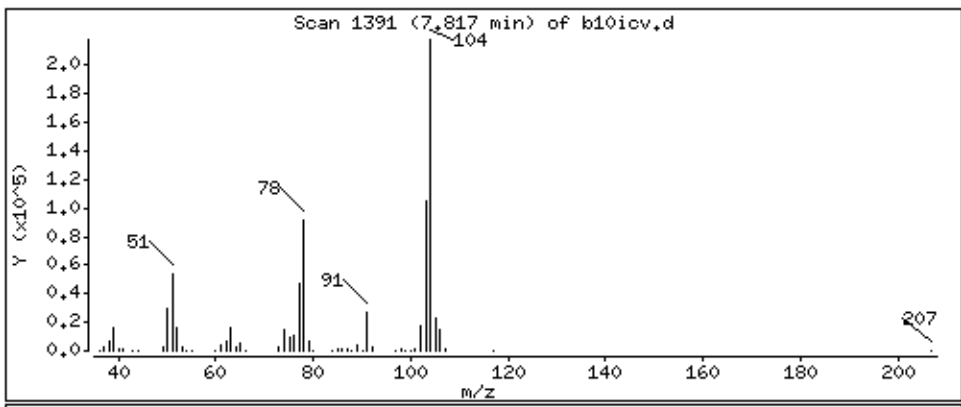
Column phase: DB-624

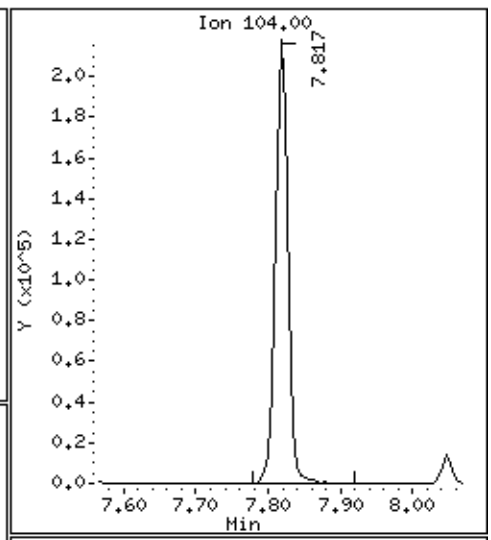
Column diameter: 0.18

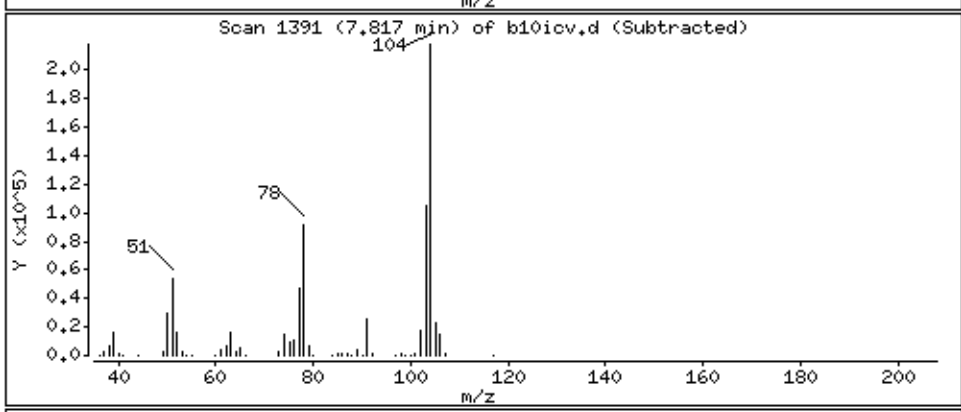
71 Styrene

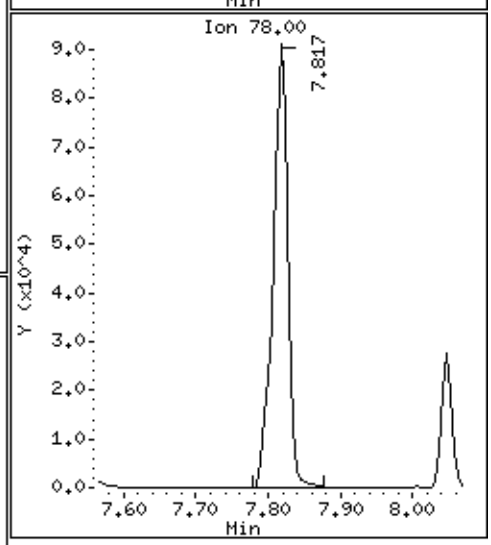
Concentration: 45.2 ppb

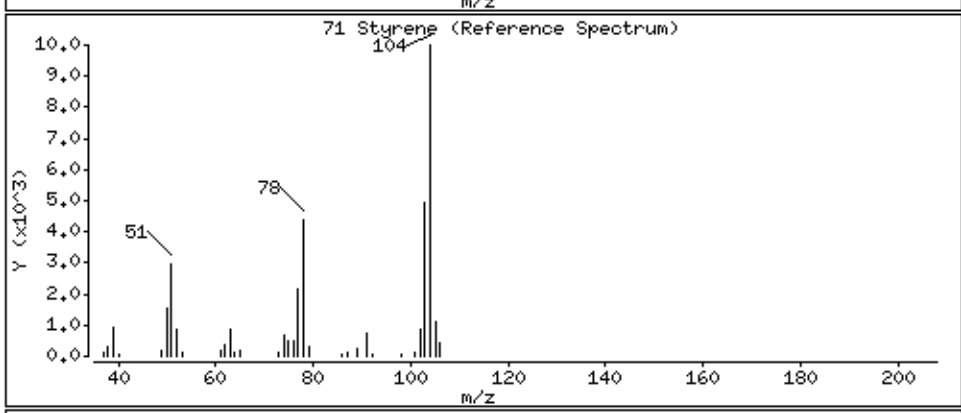
Review Code:

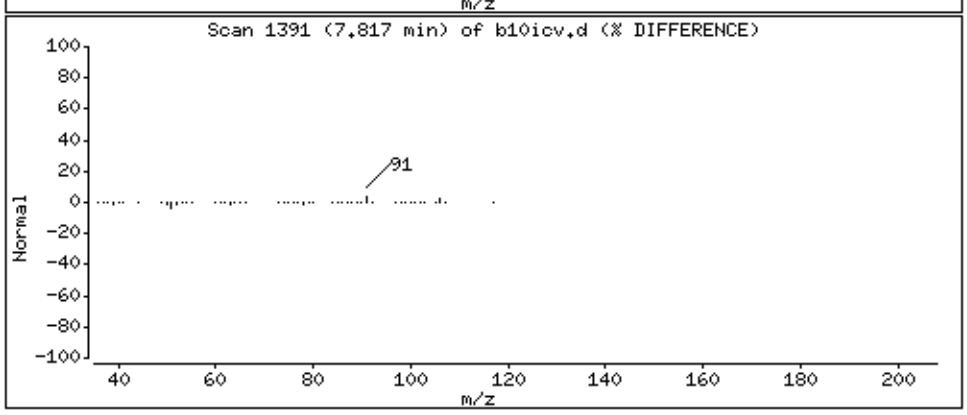












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

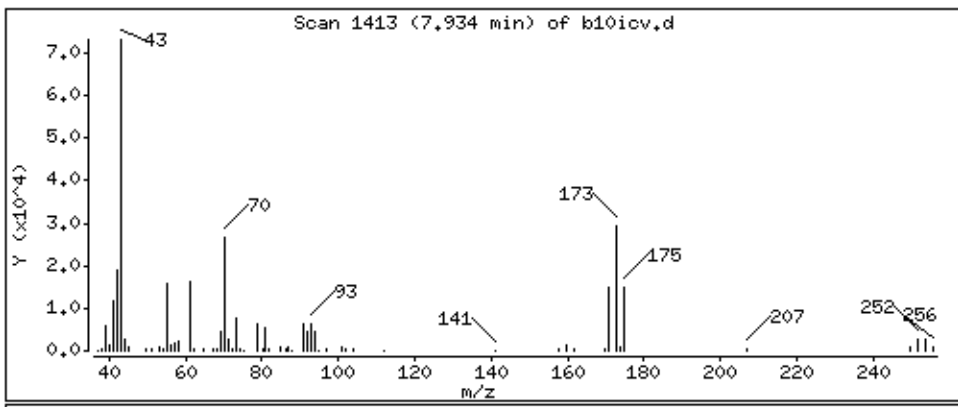
Column phase: DB-624

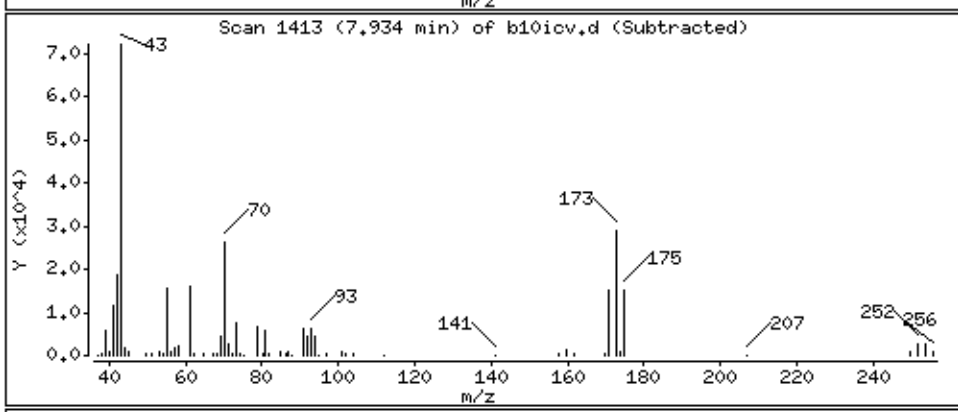
Column diameter: 0.18

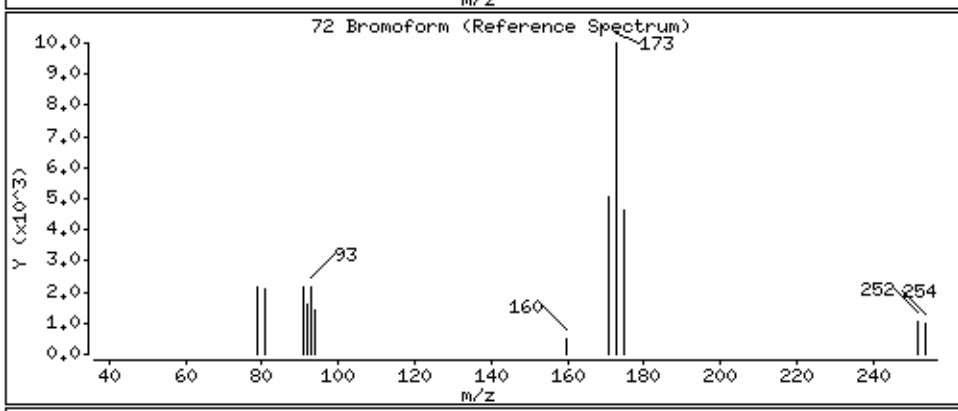
72 Bromoform

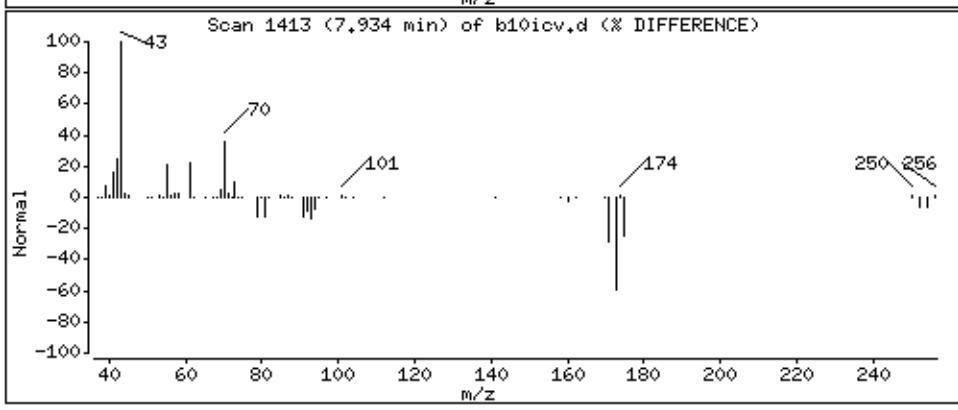
Concentration: 49.1 ppb

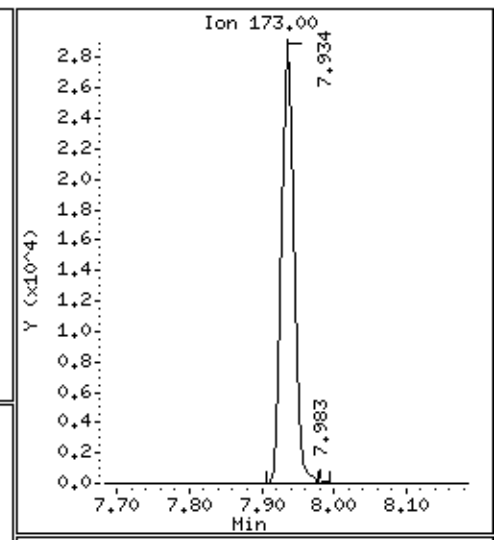
Review Code:

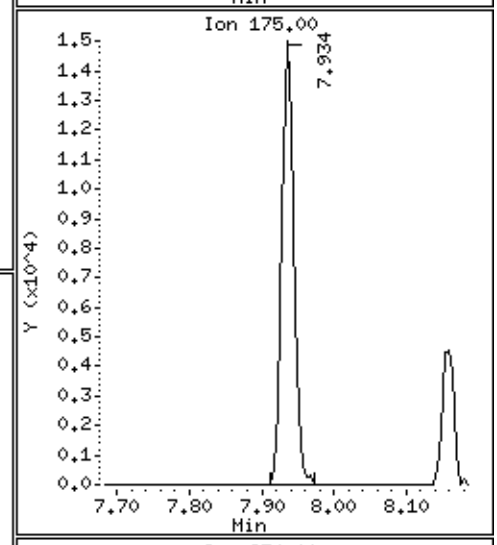


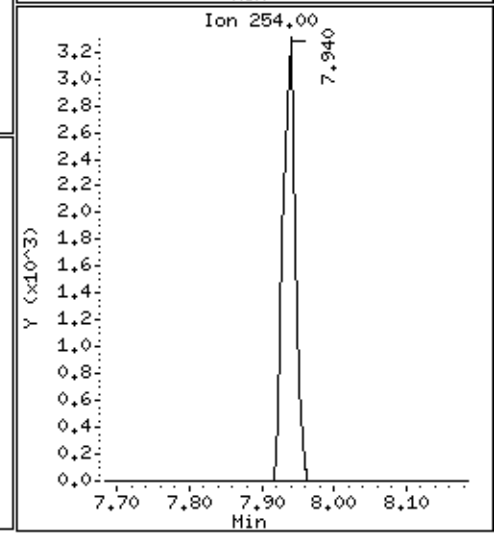












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

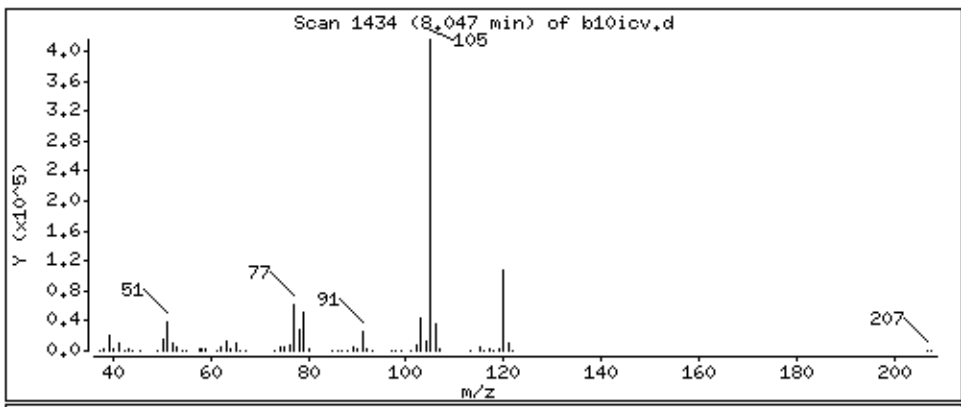
Column phase: DB-624

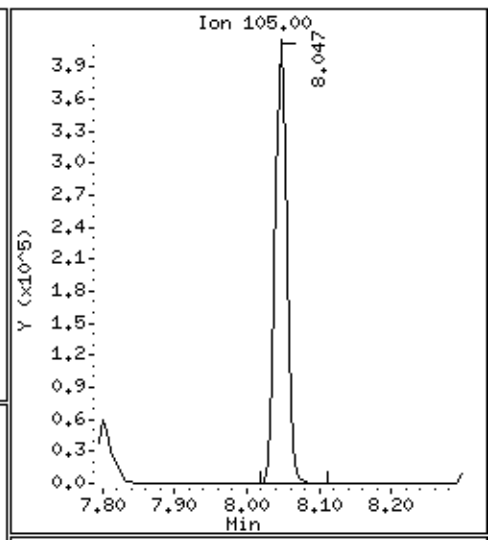
Column diameter: 0.18

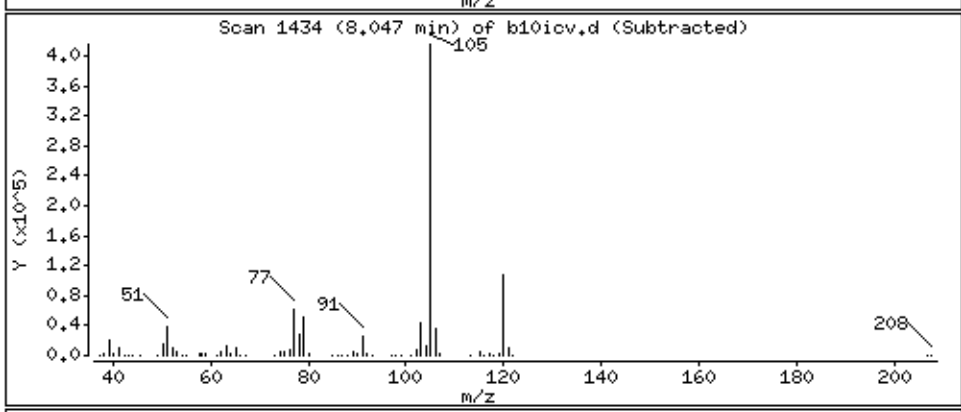
73 Isopropylbenzene

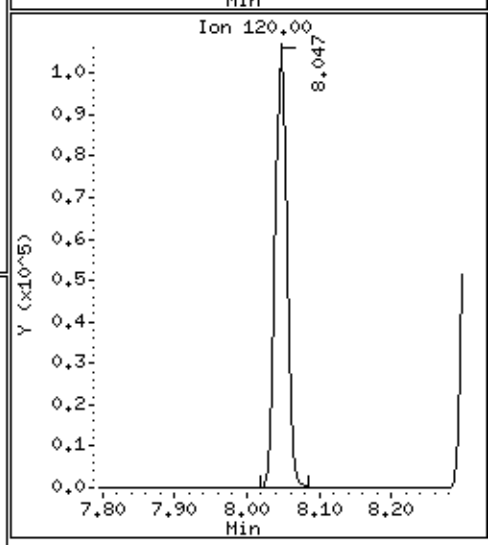
Concentration: 47.7 ppb

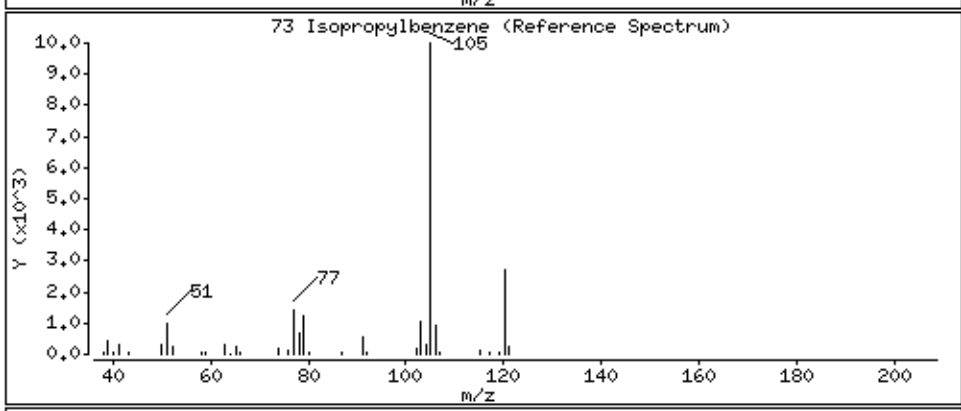
Review Code:

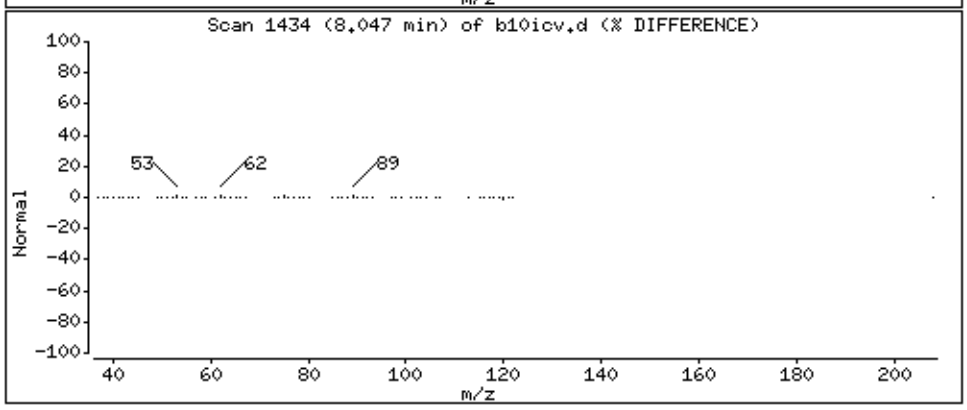












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

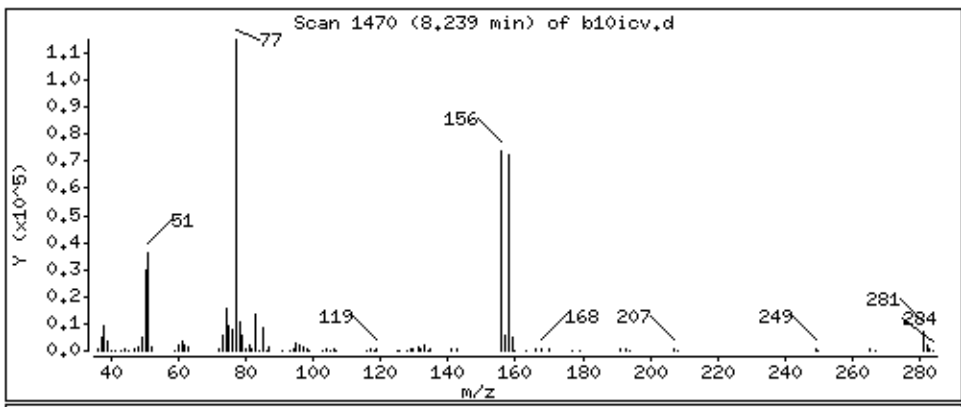
Column phase: DB-624

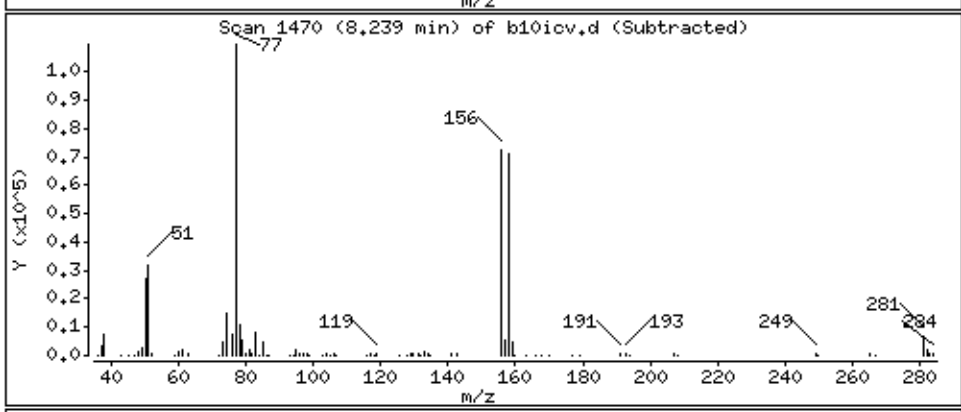
Column diameter: 0.18

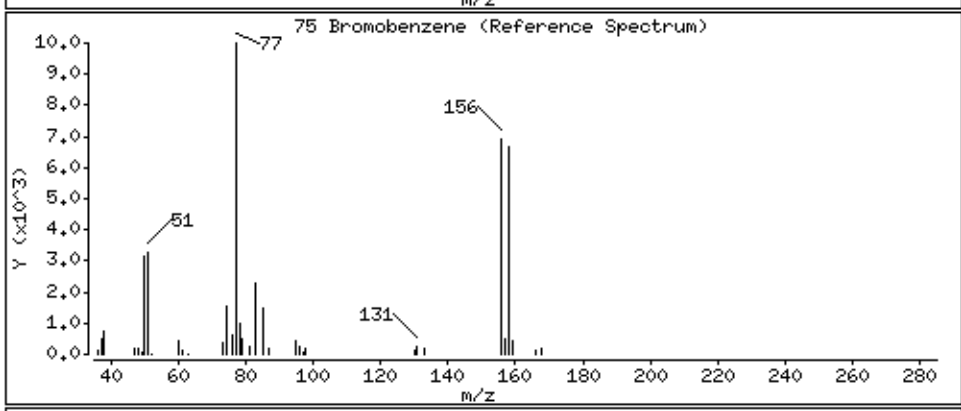
75 Bromobenzene

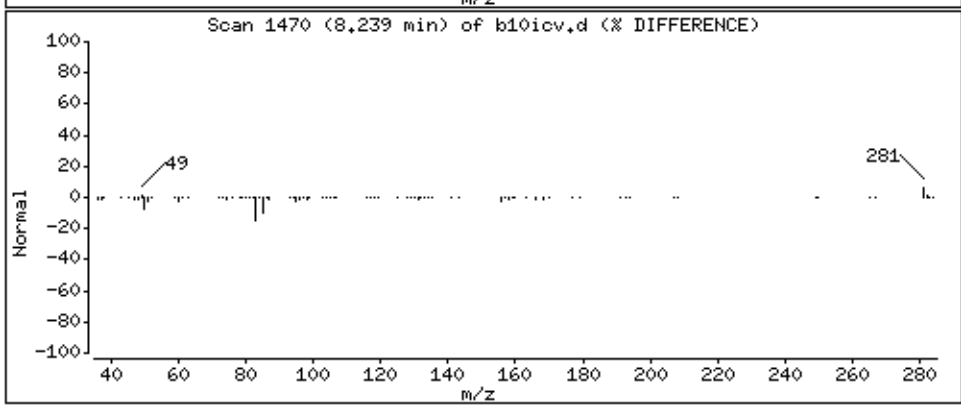
Concentration: 46.9 ppb

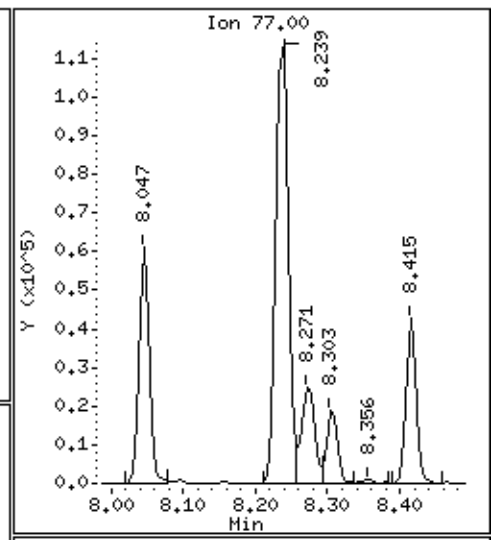
Review Code:

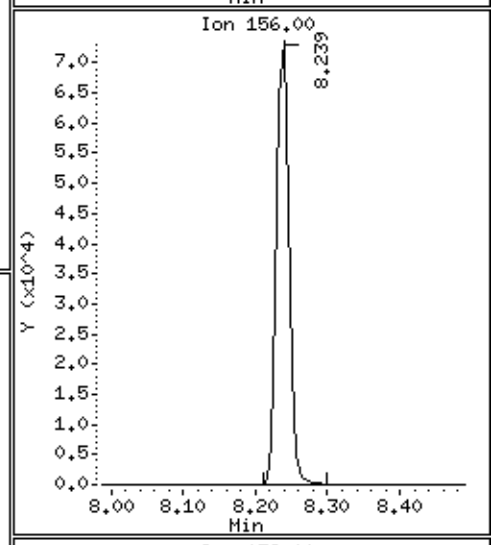


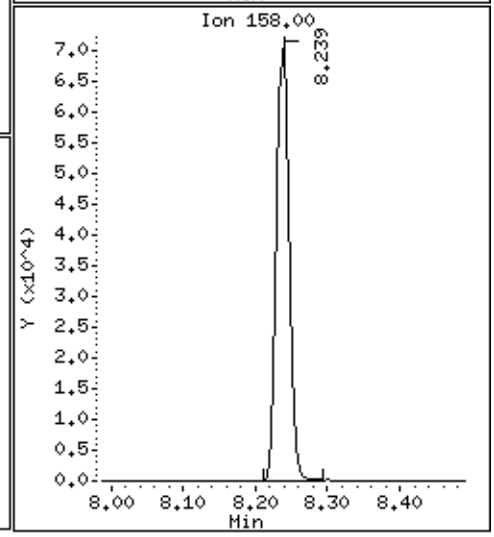












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

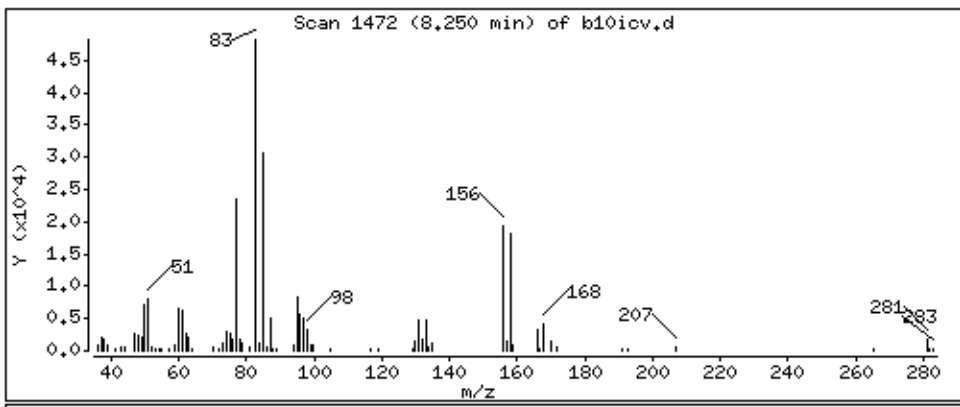
Column phase: DB-624

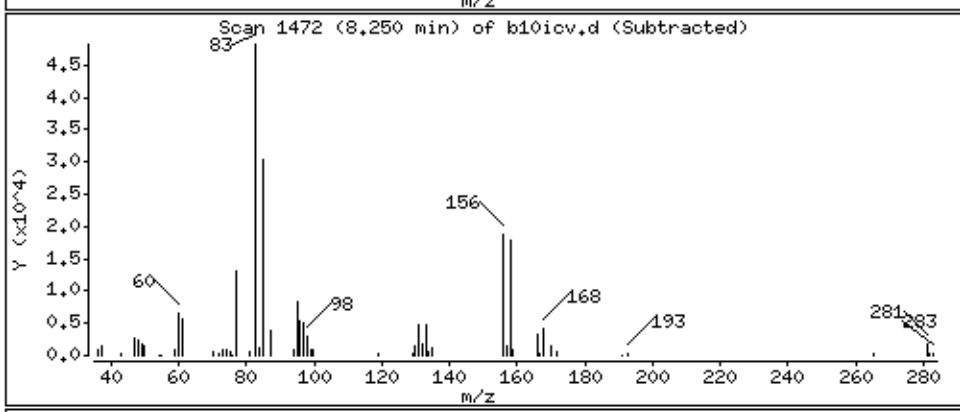
Column diameter: 0.18

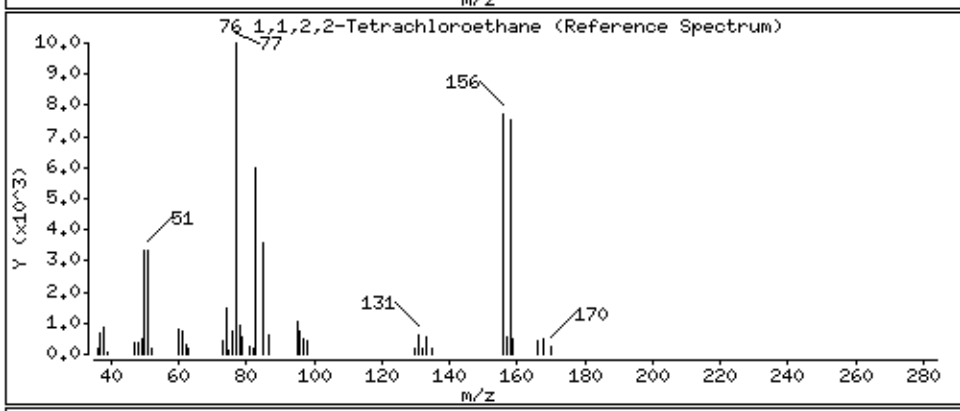
76 1,1,2,2-Tetrachloroethane

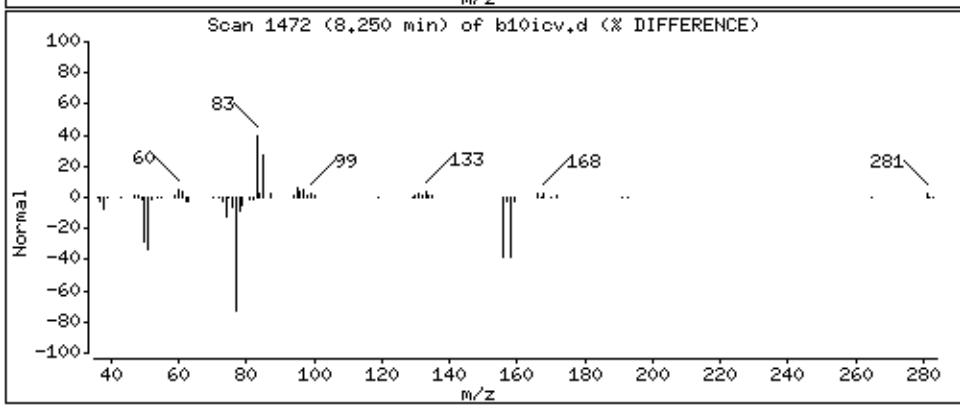
Concentration: 45.0 ppb

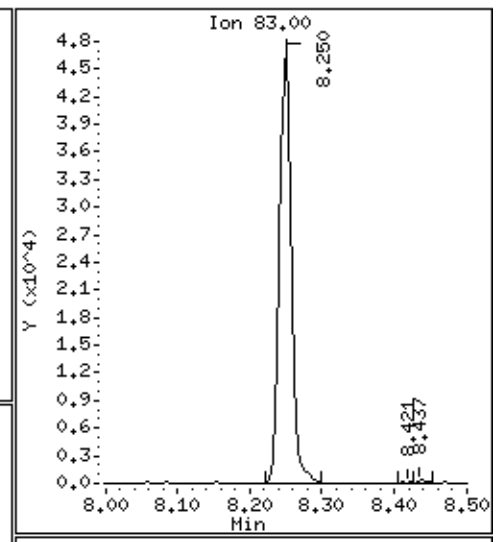
Review Code:

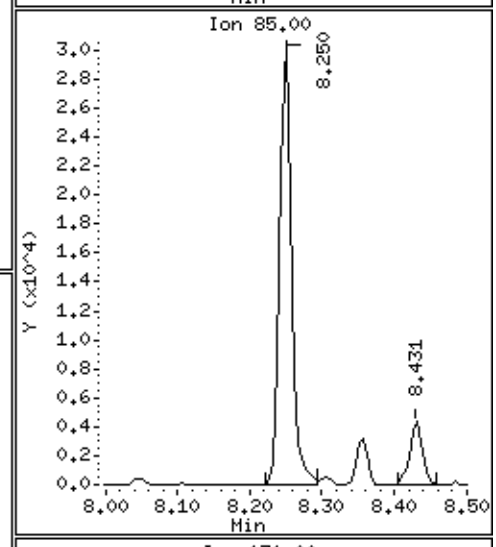


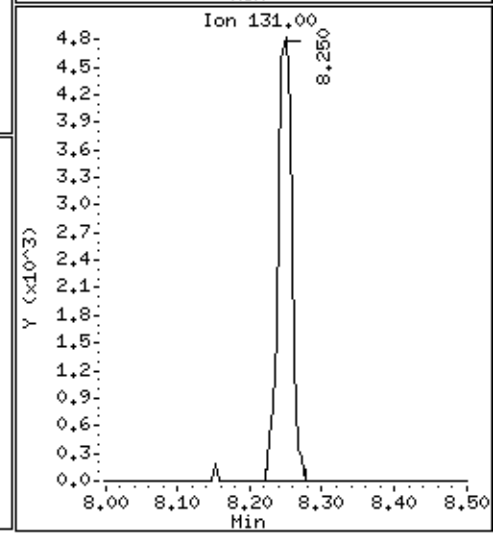












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

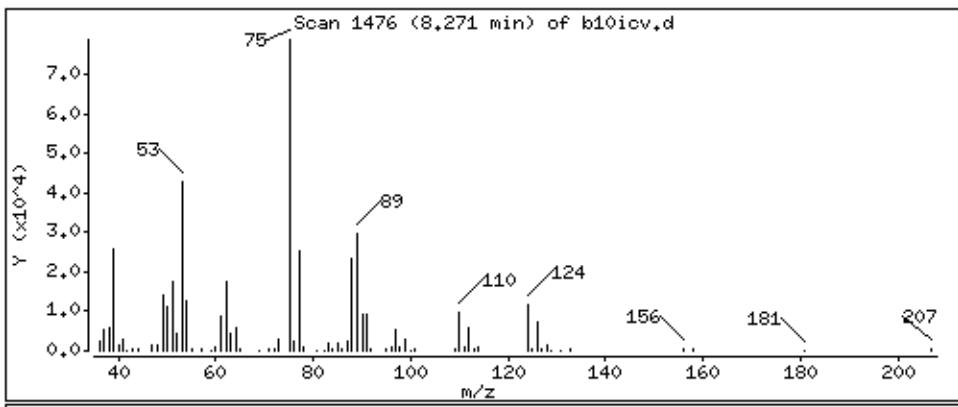
Column phase: DB-624

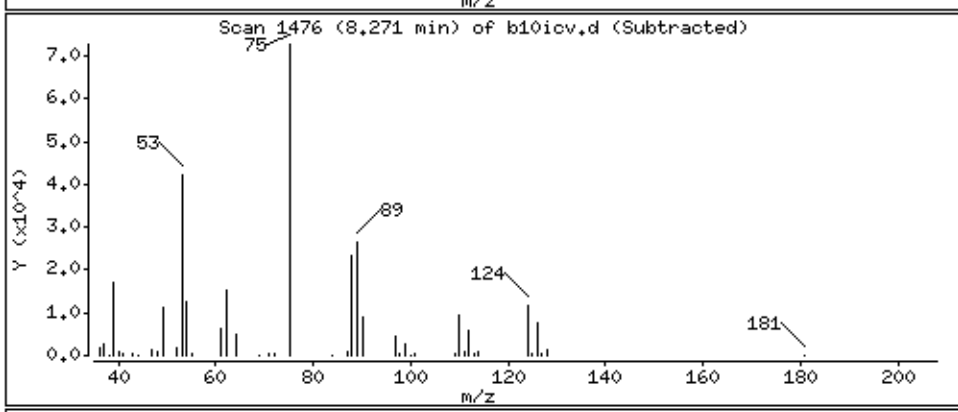
Column diameter: 0.18

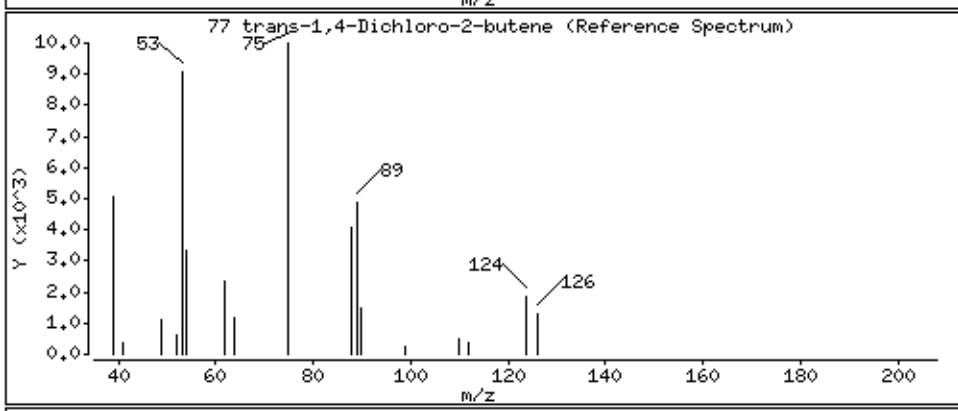
77 trans-1,4-Dichloro-2-butene

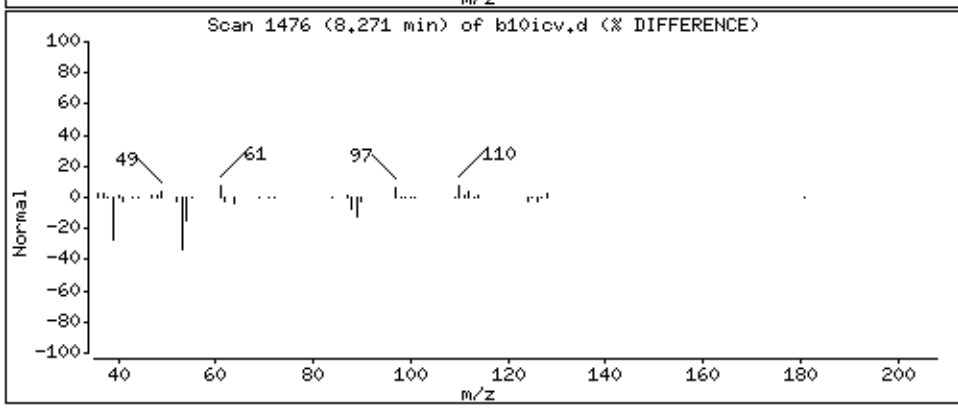
Concentration: 180 ppb

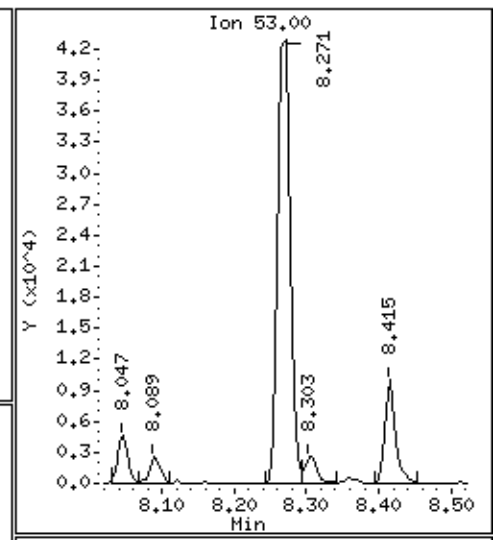
Review Code:

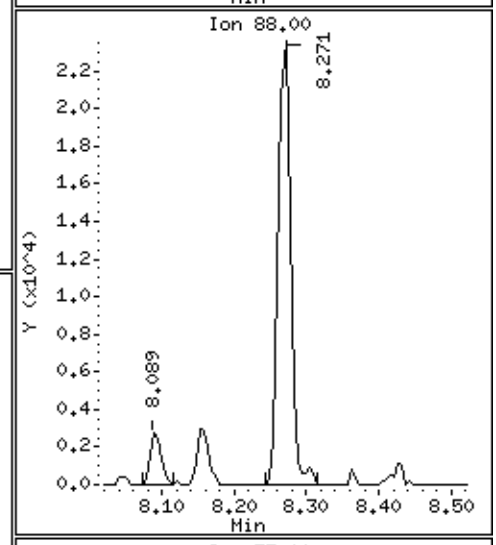


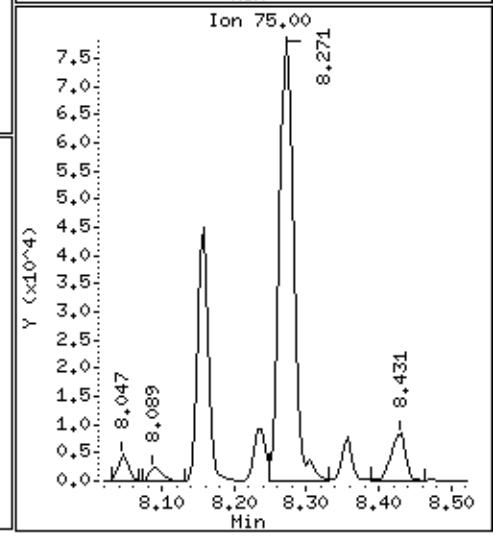












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

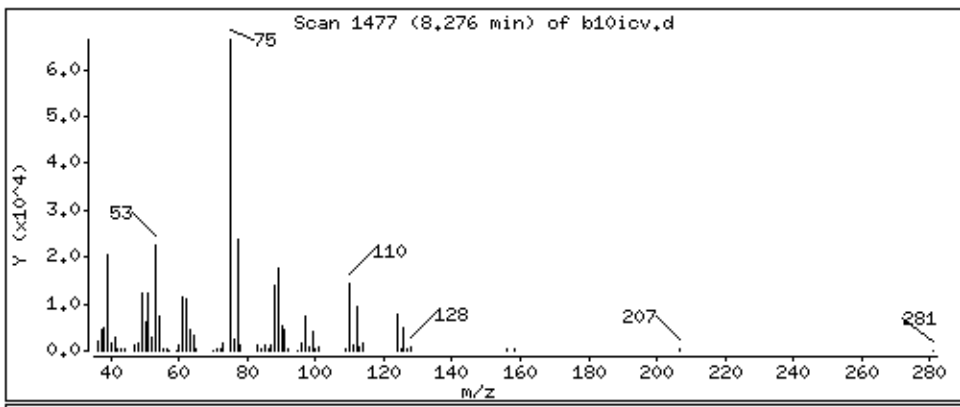
Column phase: DB-624

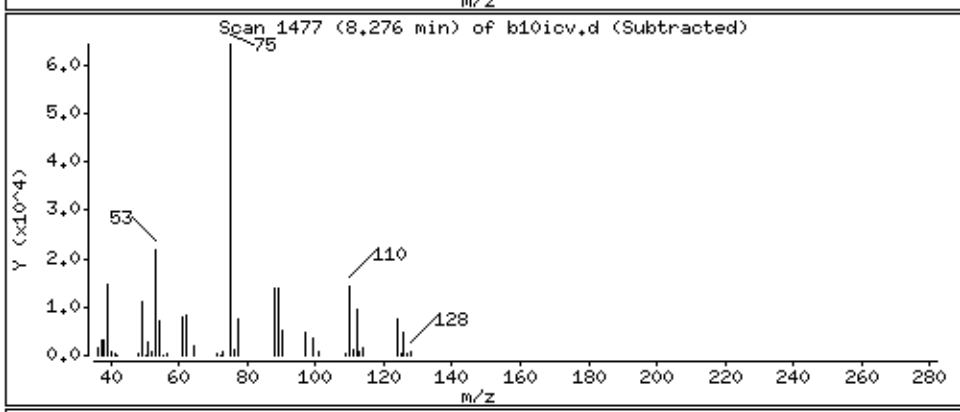
Column diameter: 0.18

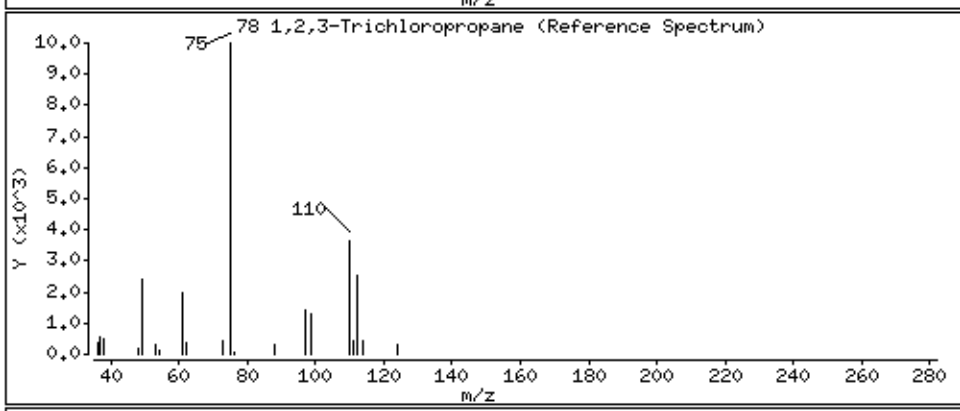
78 1,2,3-Trichloropropane

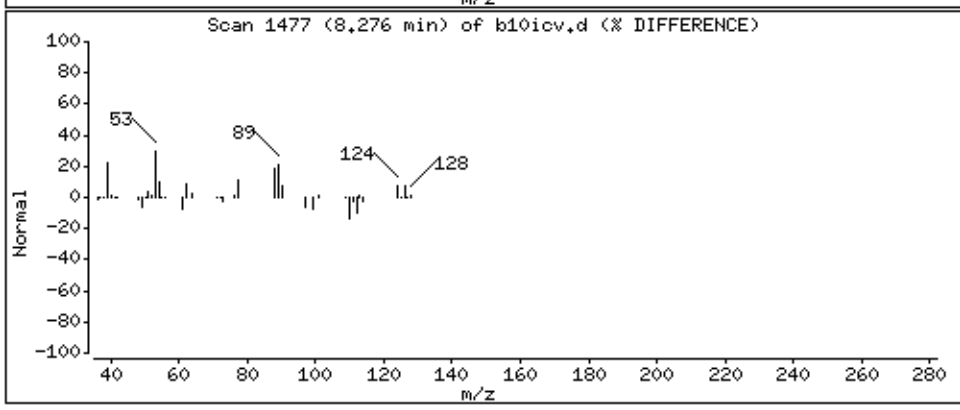
Concentration: 49.0 ppb

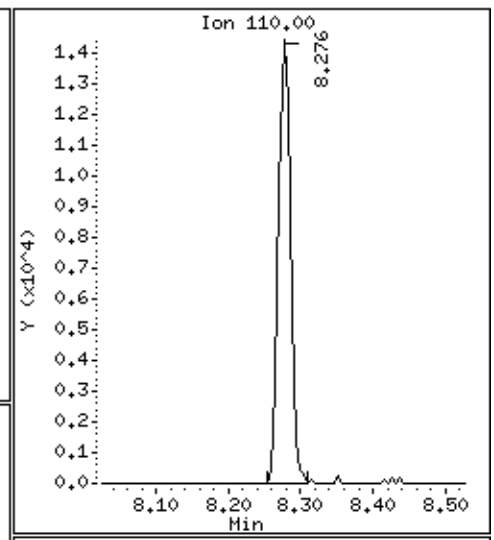
Review Code:

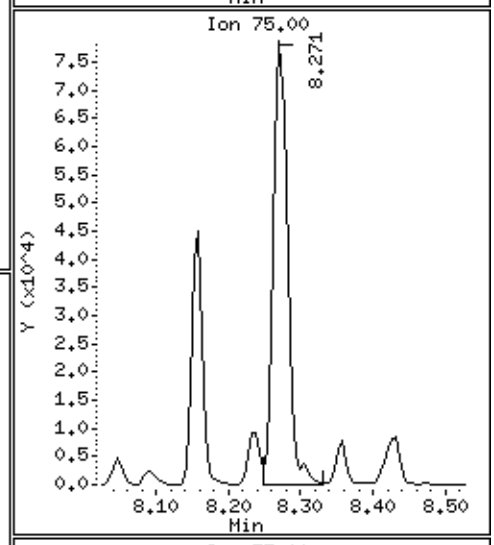


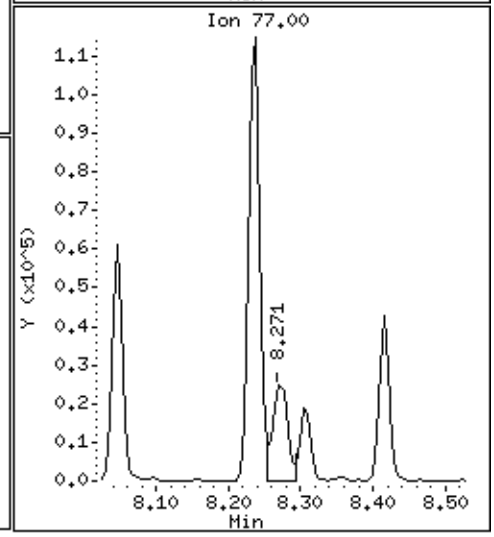












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

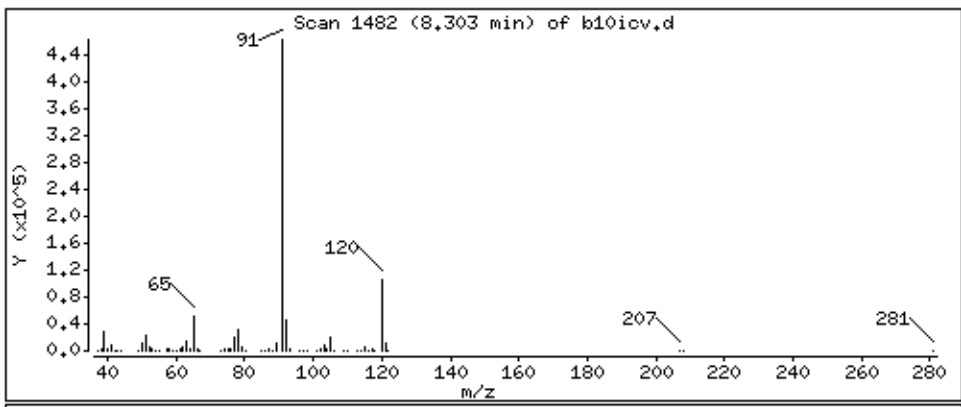
Column phase: DB-624

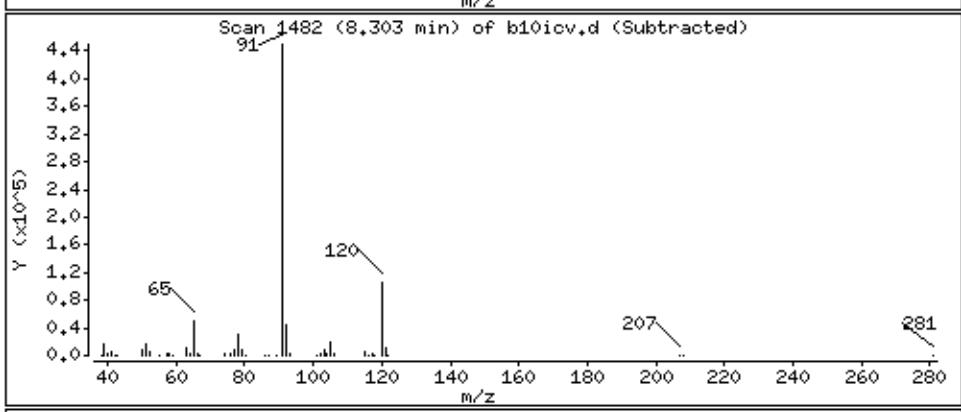
Column diameter: 0.18

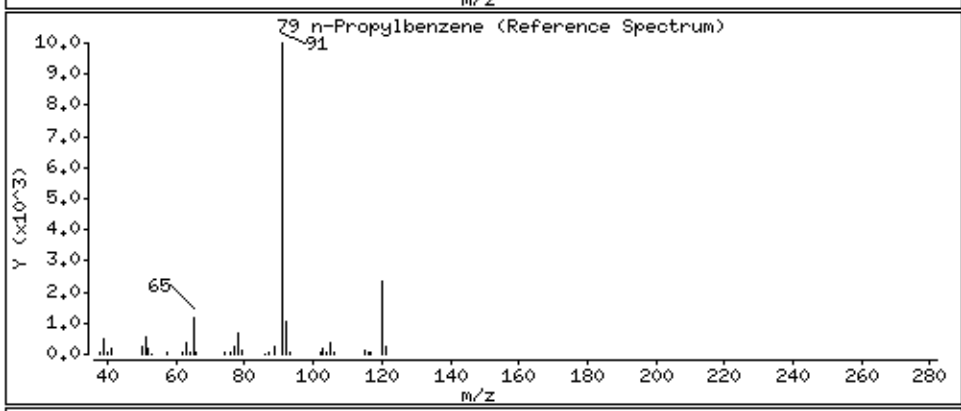
79 n-Propylbenzene

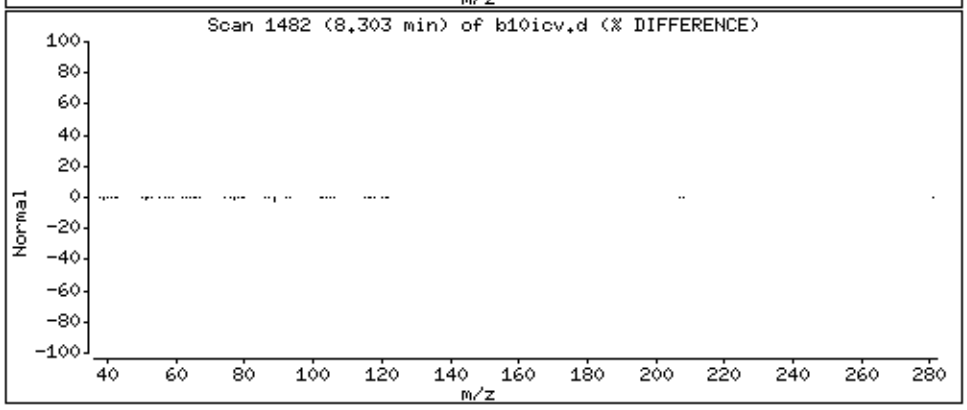
Concentration: 46.9 ppb

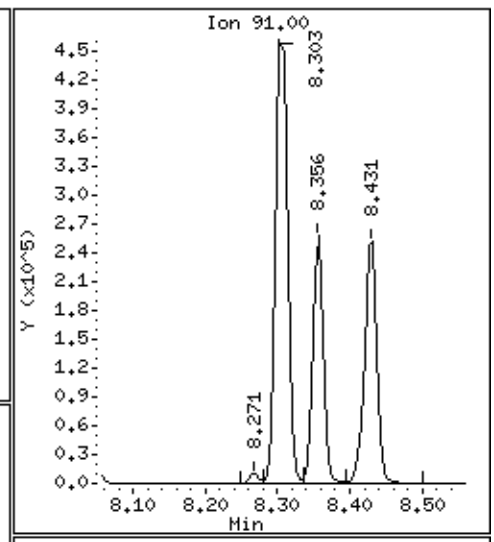
Review Code:

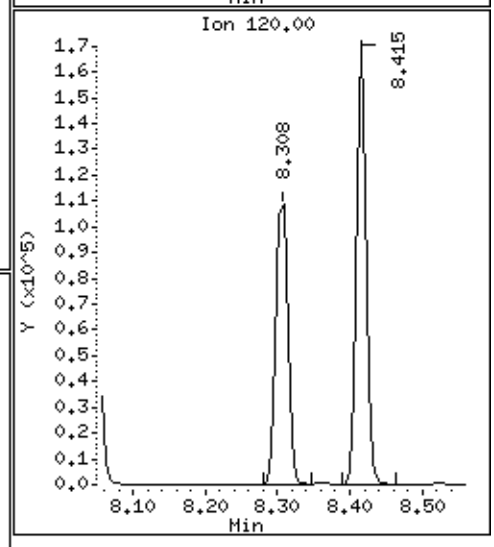












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

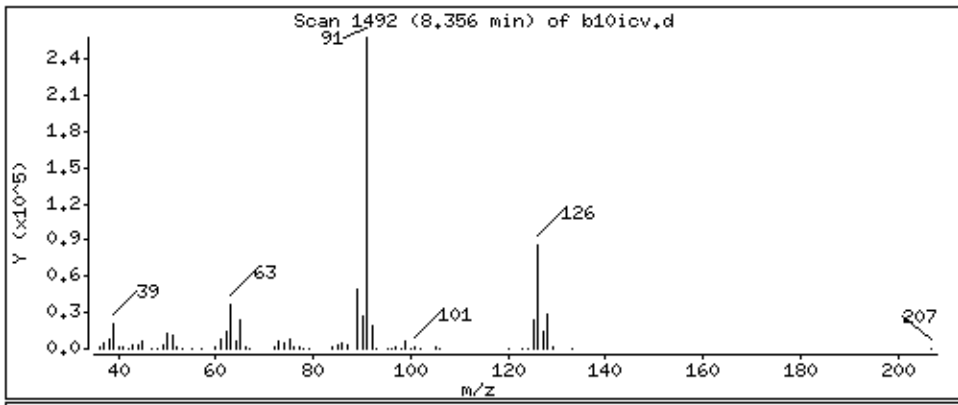
Column phase: DB-624

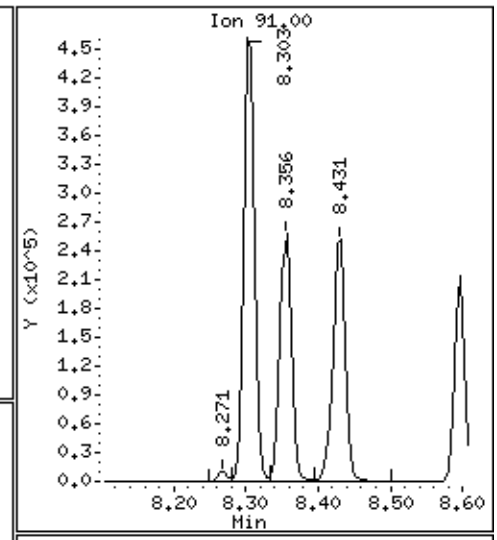
Column diameter: 0.18

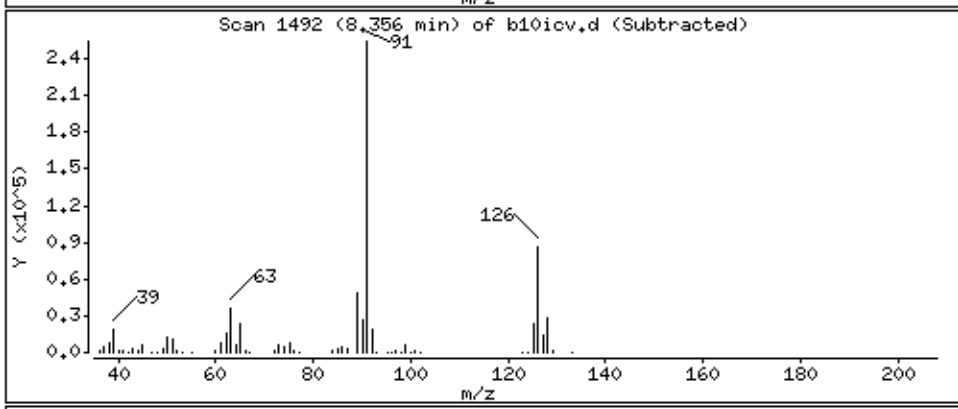
80 2-Chlorotoluene

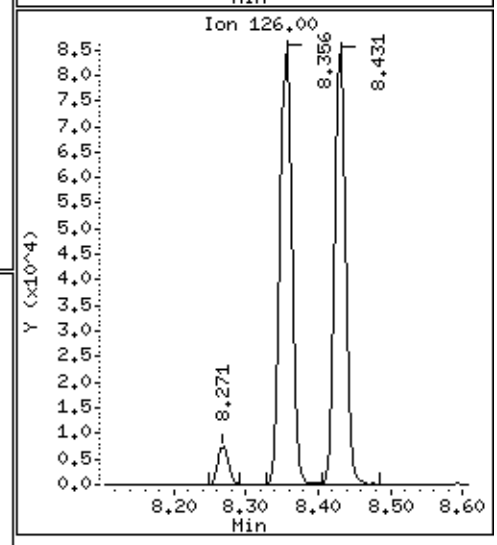
Concentration: 44.8 ppb

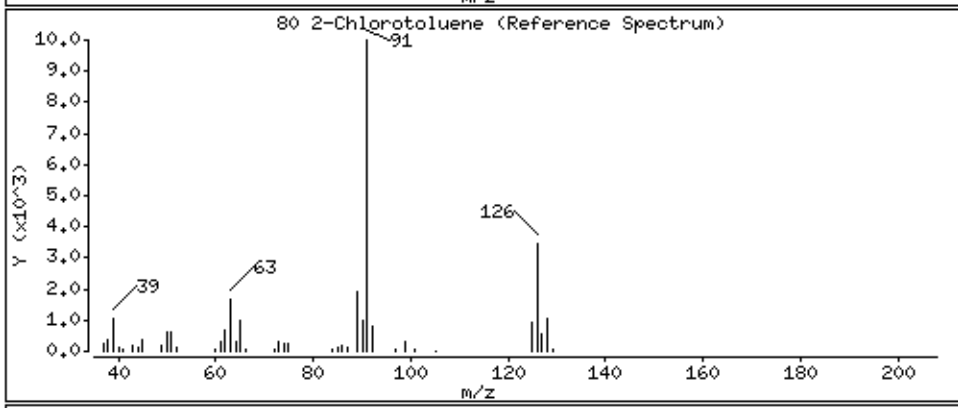
Review Code:

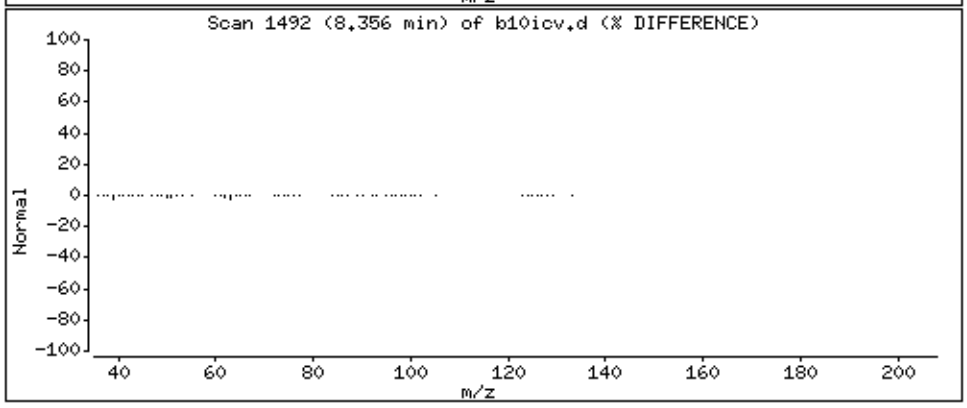












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

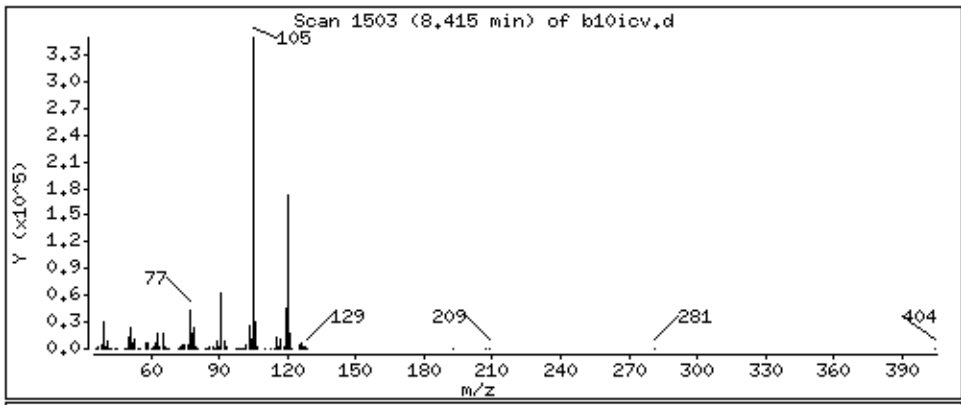
Column phase: DB-624

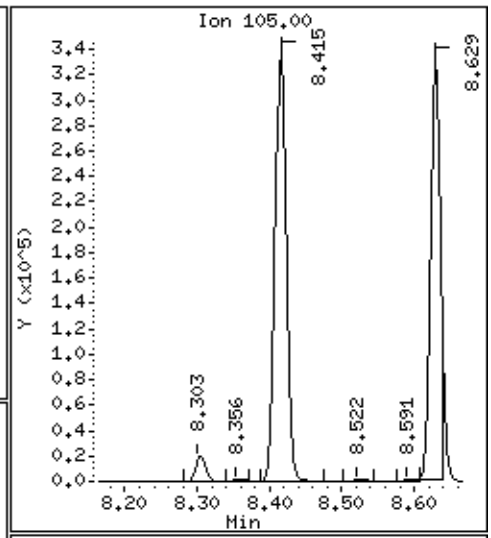
Column diameter: 0.18

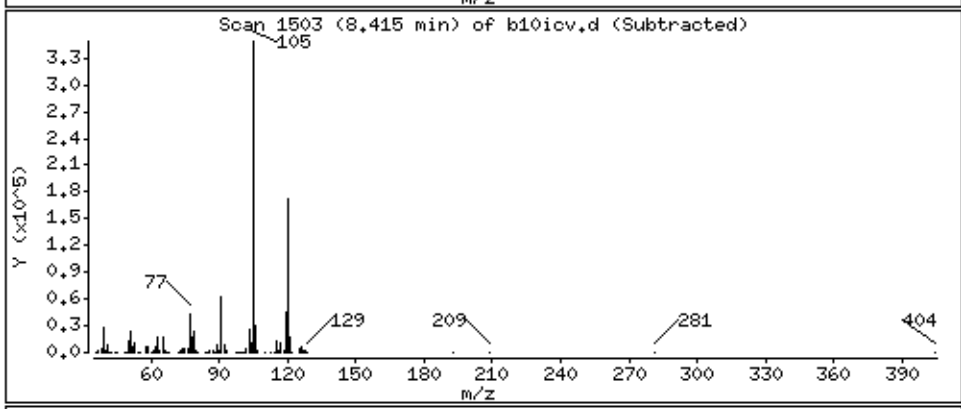
81 1,3,5-Trimethylbenzene

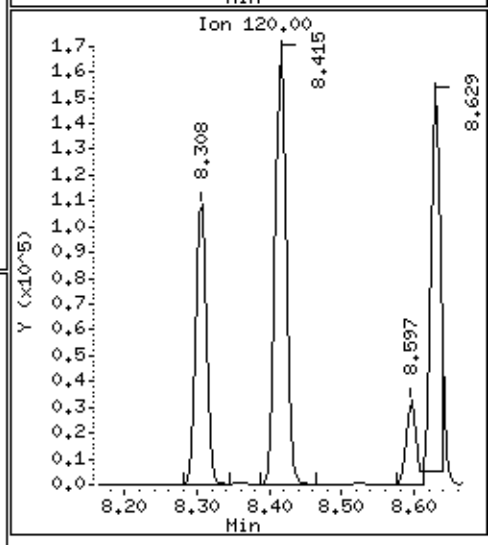
Concentration: 45.2 ppb

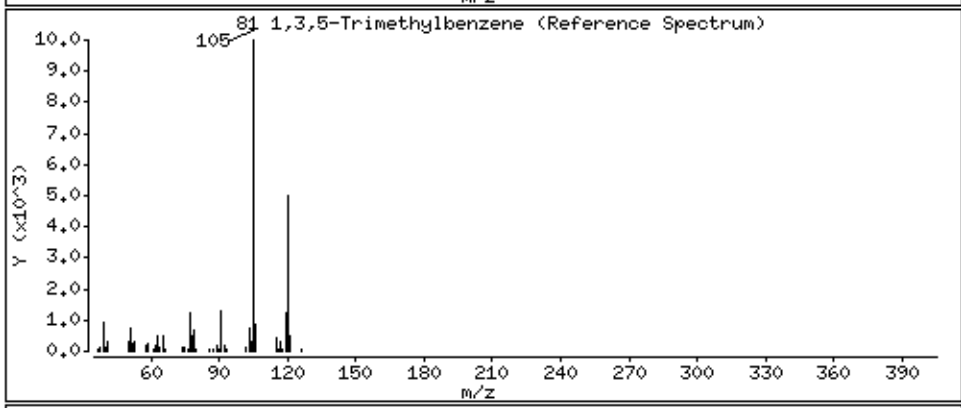
Review Code:

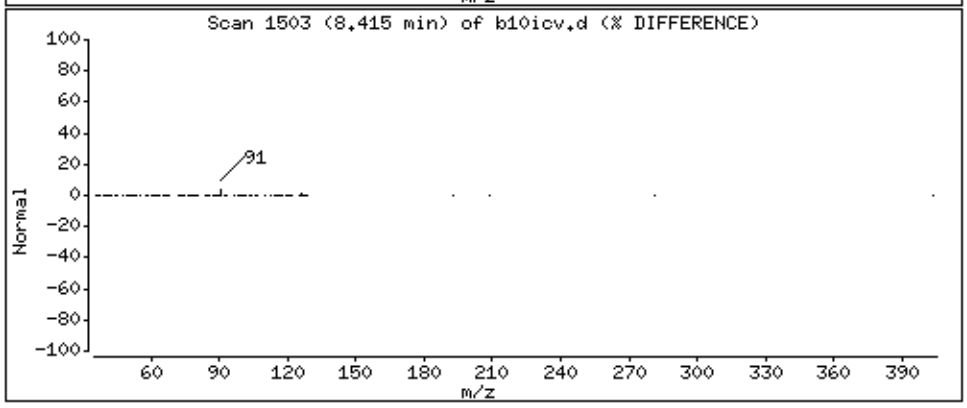












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

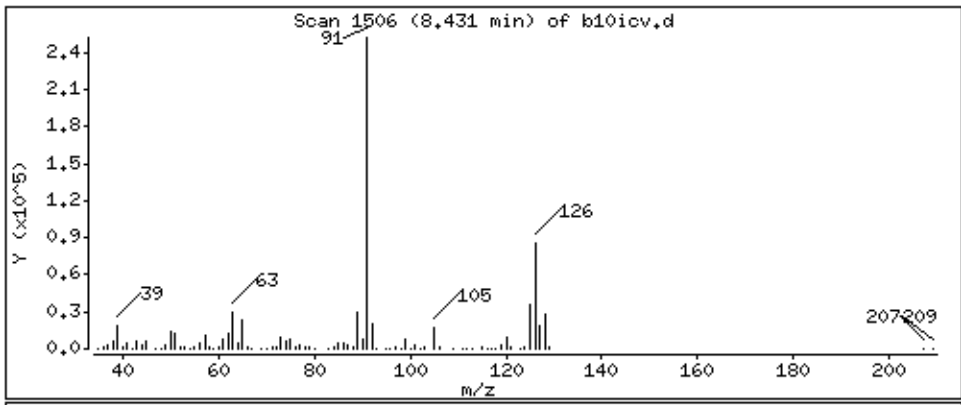
Column phase: DB-624

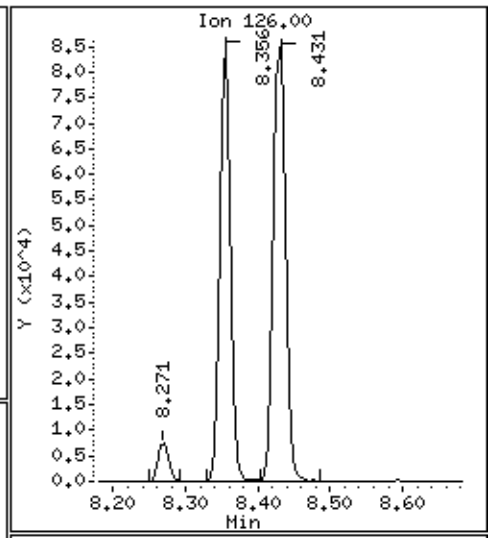
Column diameter: 0.18

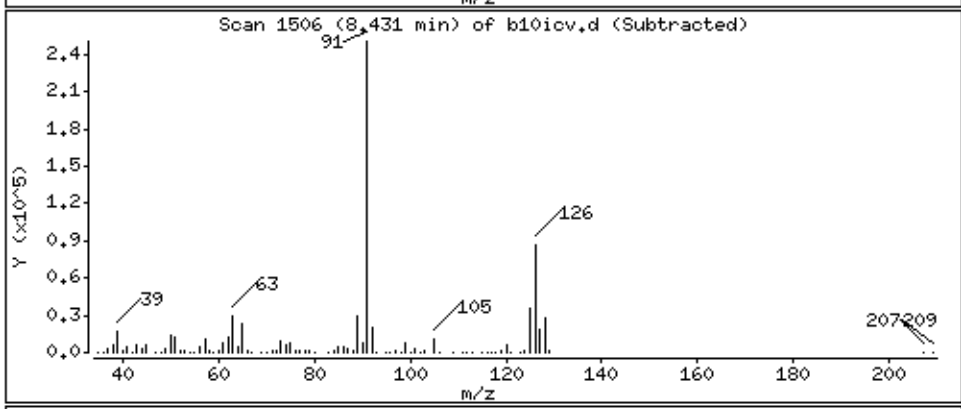
82 4-Chlorotoluene

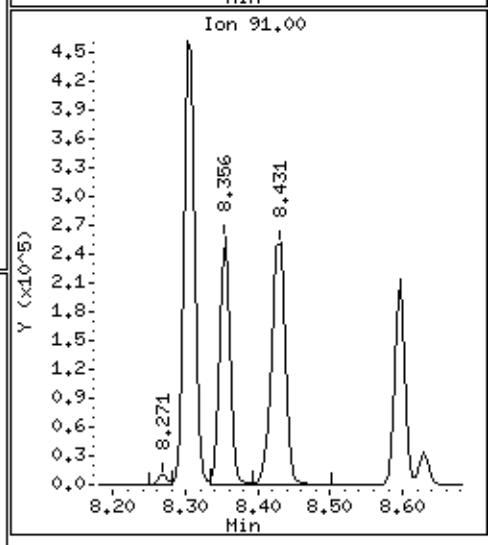
Concentration: 48.6 ppb

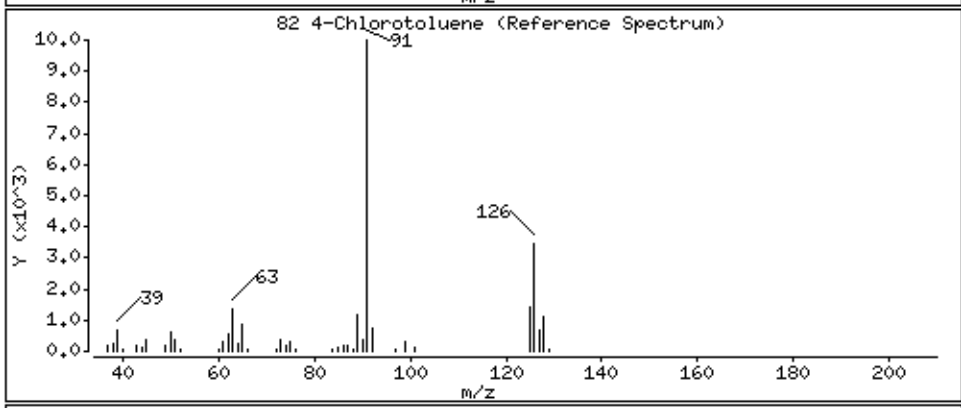
Review Code:

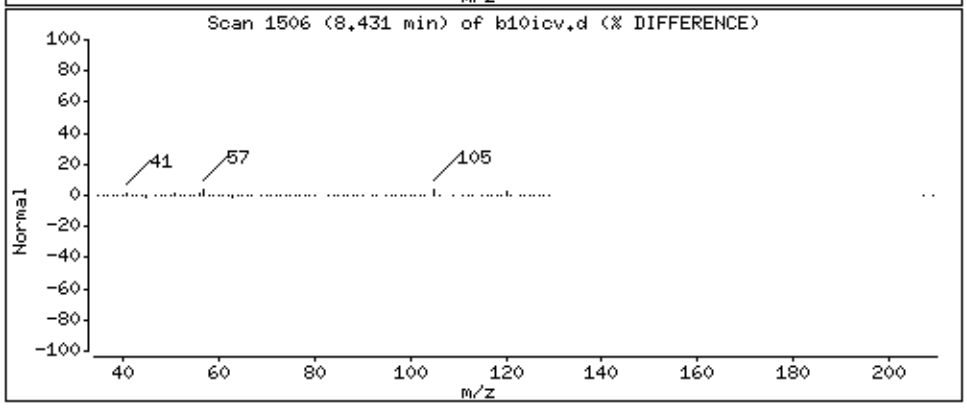












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

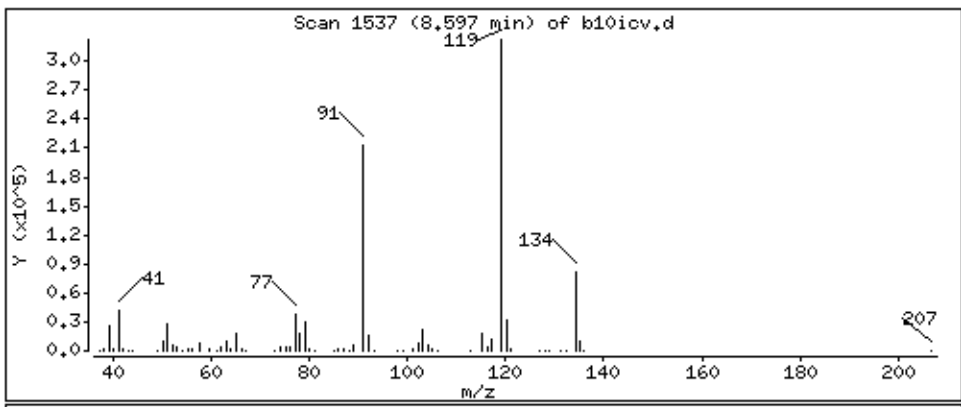
Column phase: DB-624

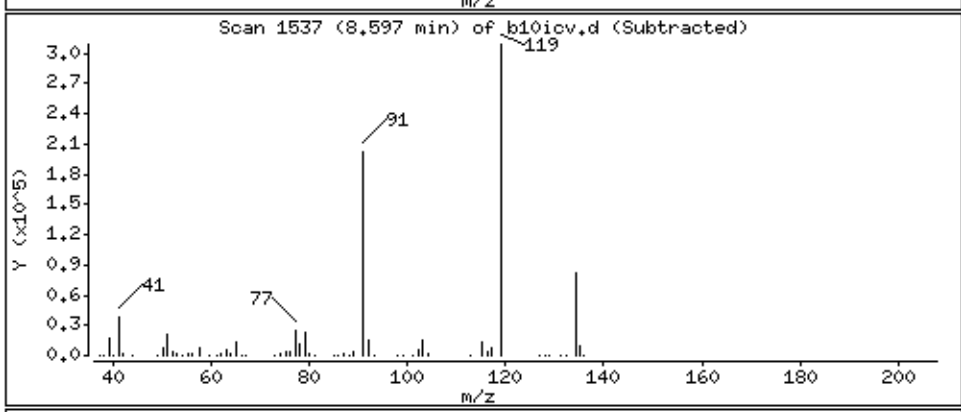
Column diameter: 0.18

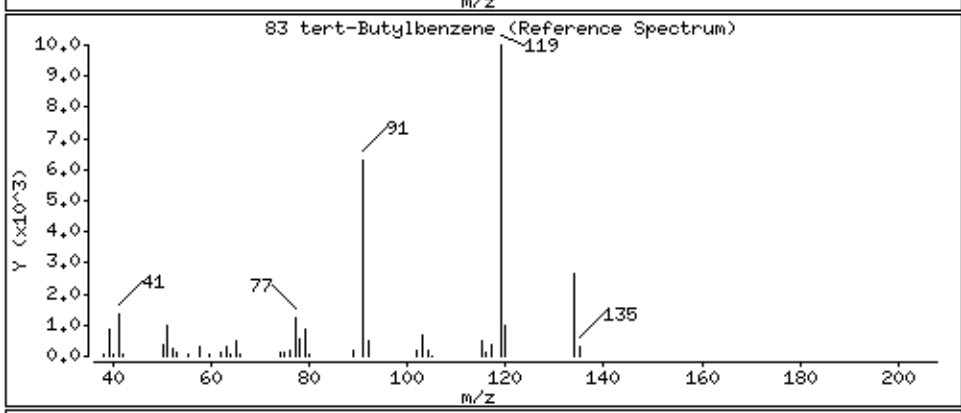
83 tert-Butylbenzene

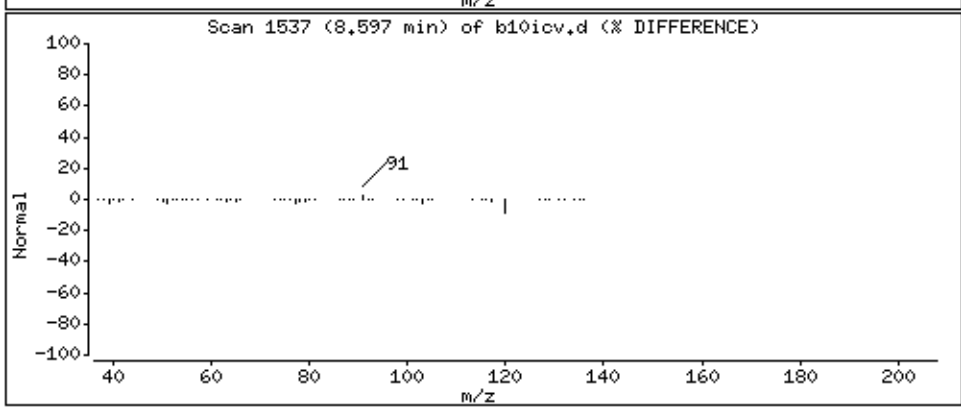
Concentration: 37.5 ppb

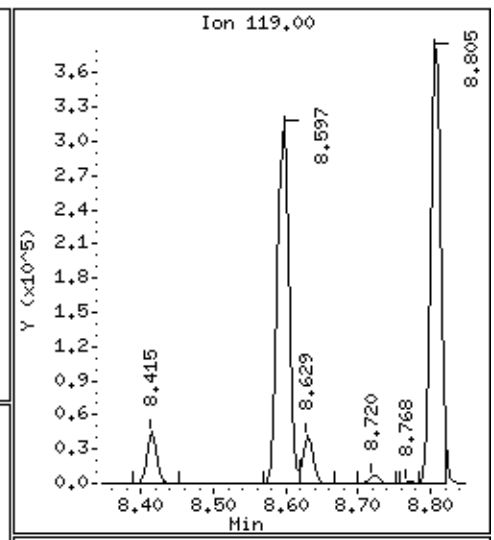
Review Code:

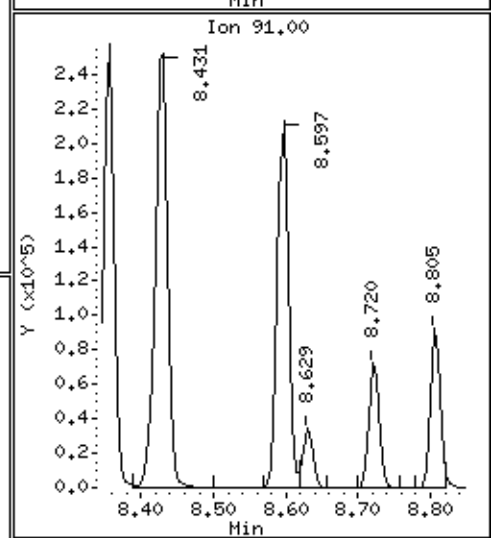


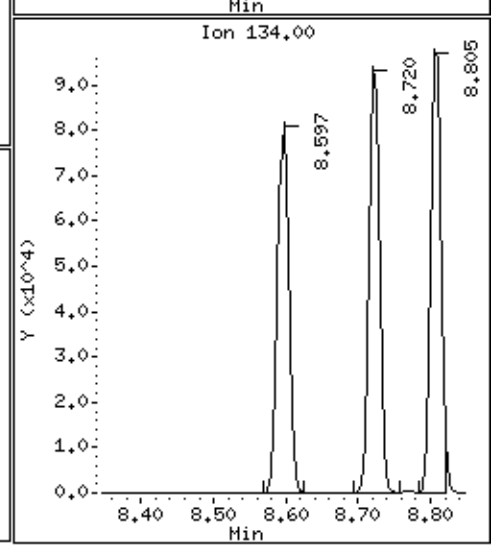












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

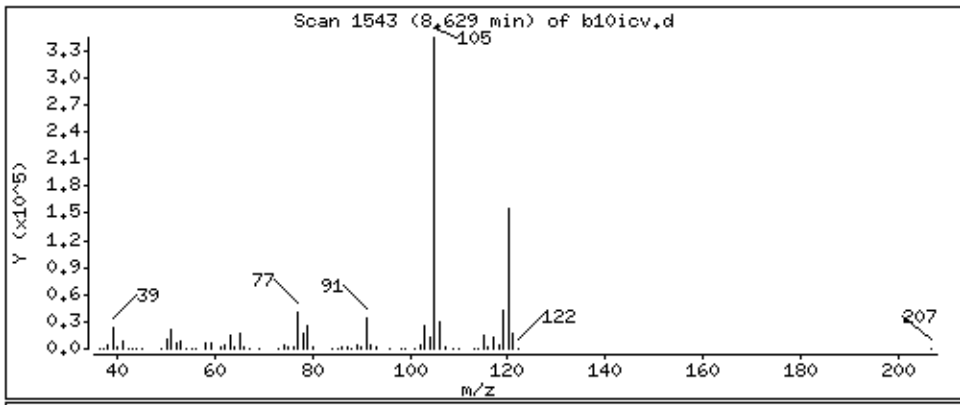
Column phase: DB-624

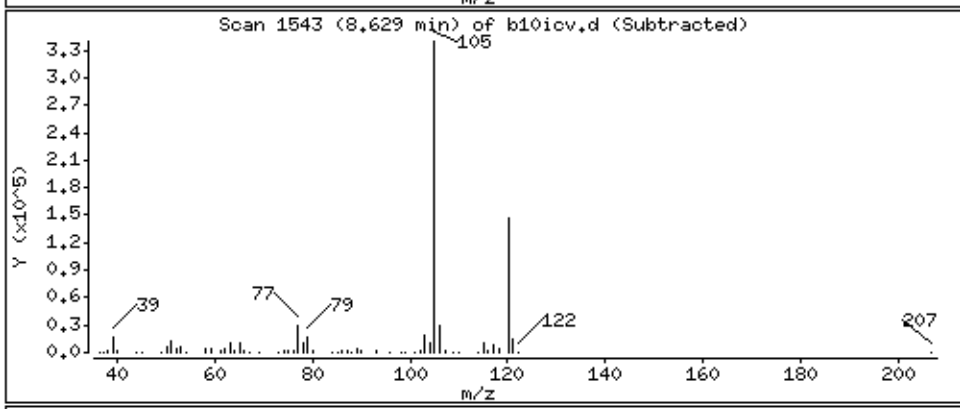
Column diameter: 0.18

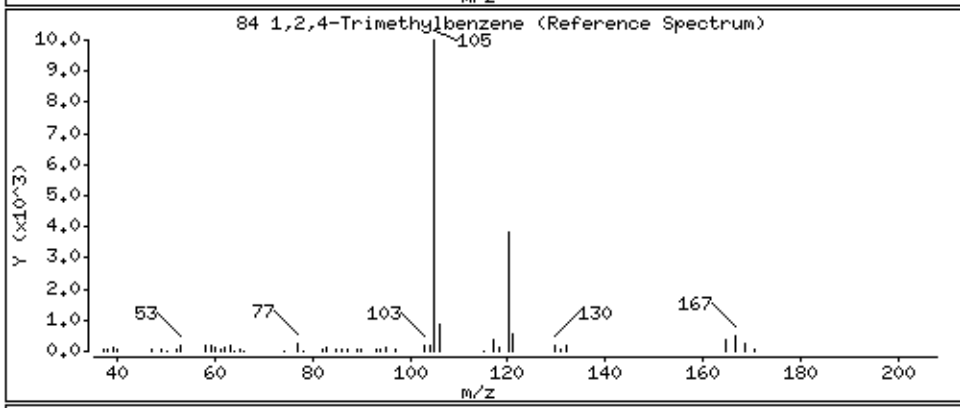
84 1,2,4-Trimethylbenzene

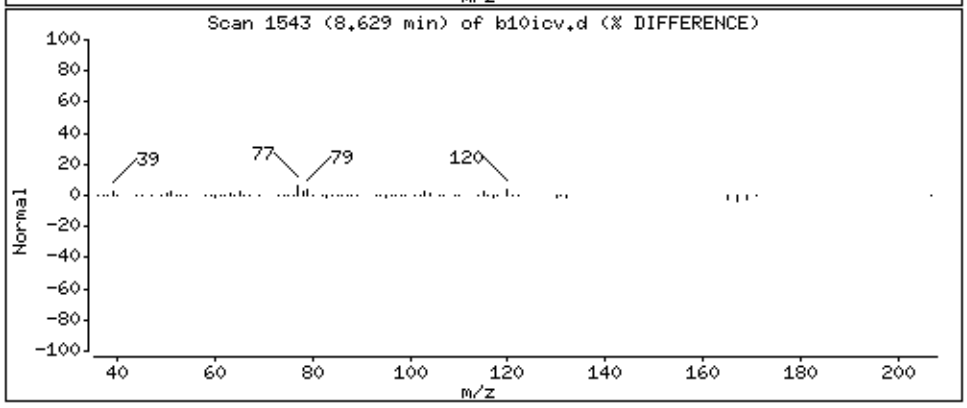
Concentration: 45.0 ppb

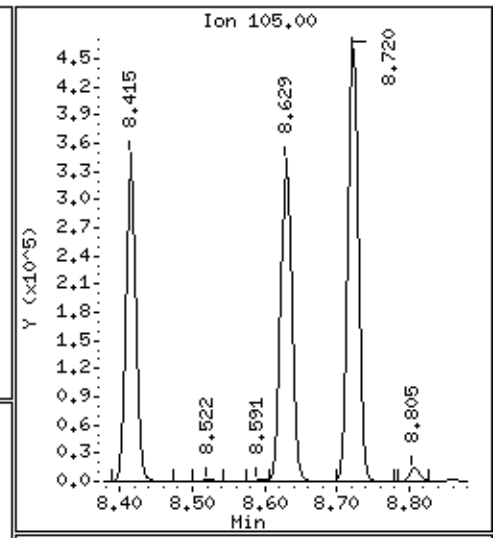
Review Code:

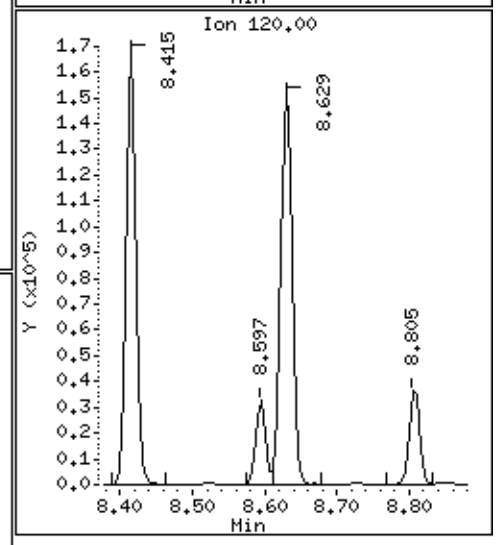












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

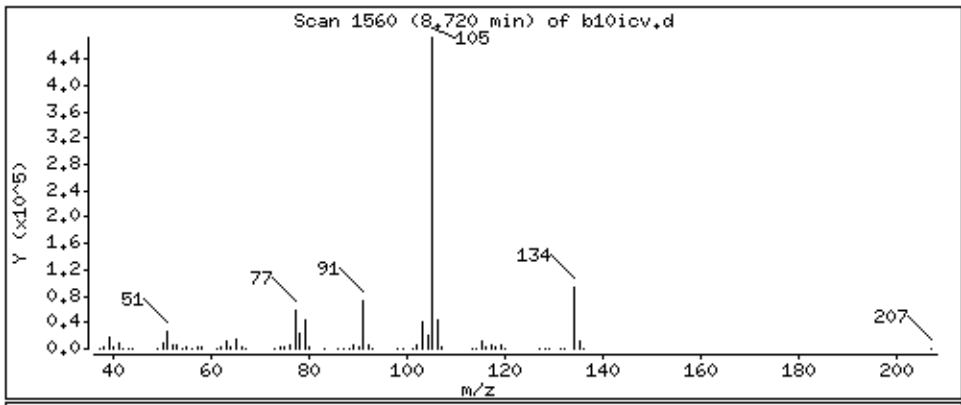
Column phase: DB-624

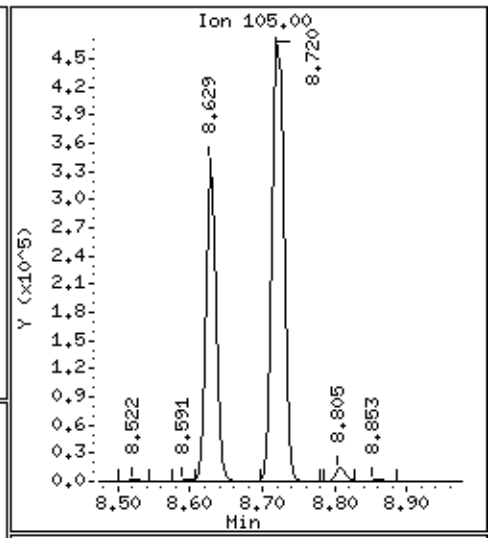
Column diameter: 0.18

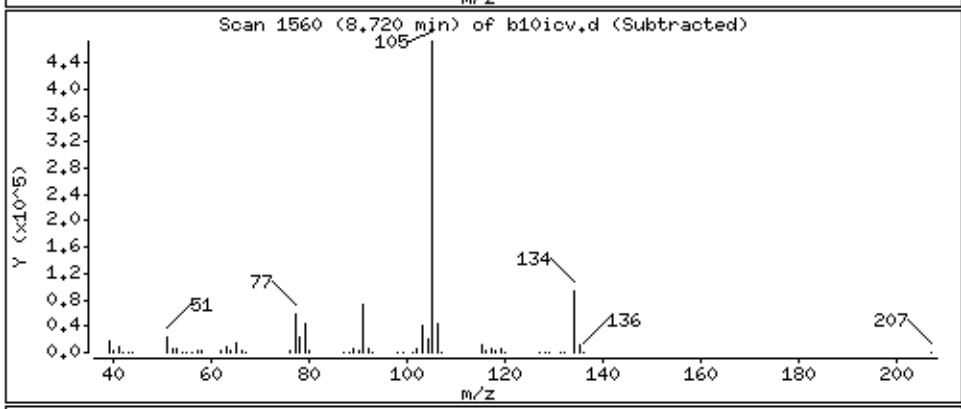
85 sec-Butylbenzene

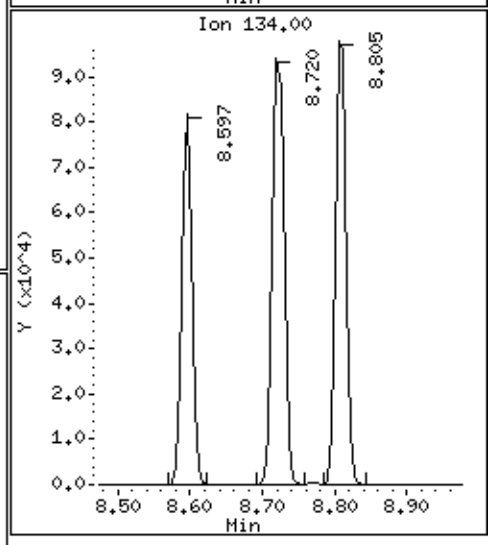
Concentration: 46.5 ppb

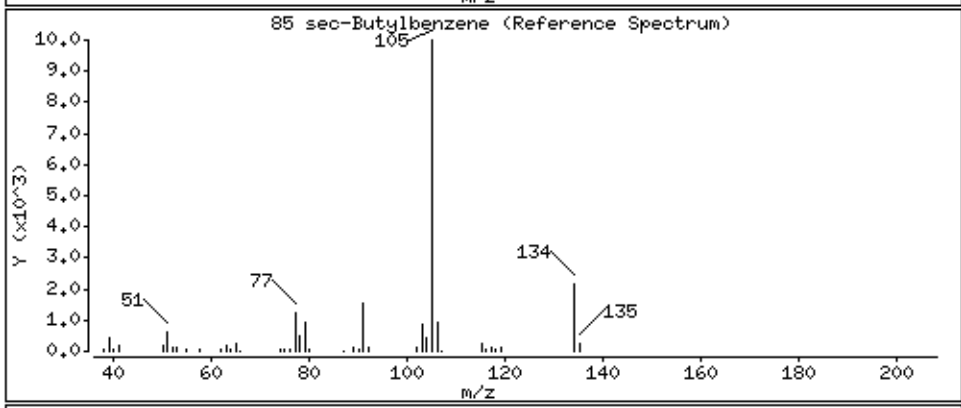
Review Code:

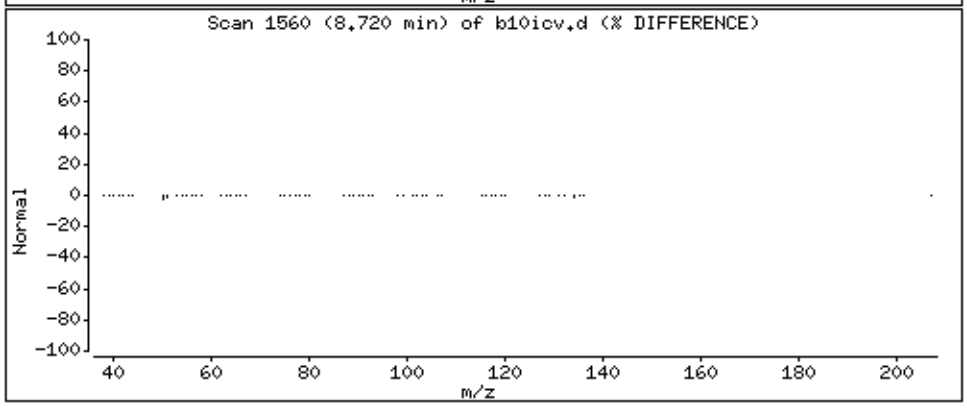












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

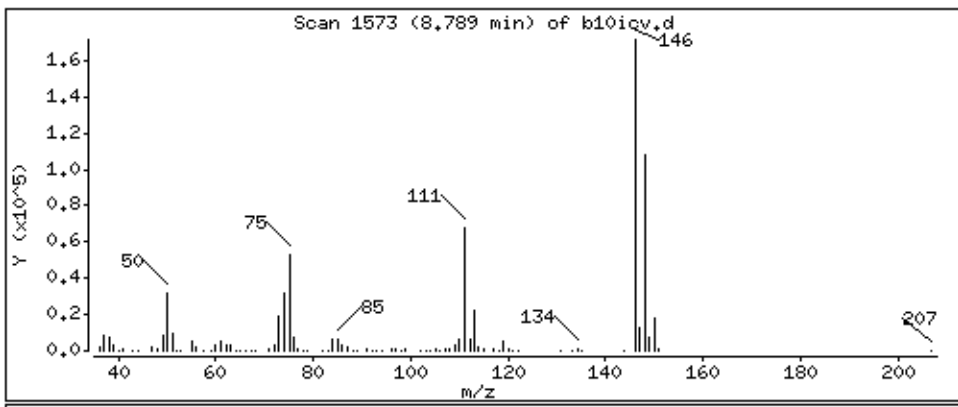
Column phase: DB-624

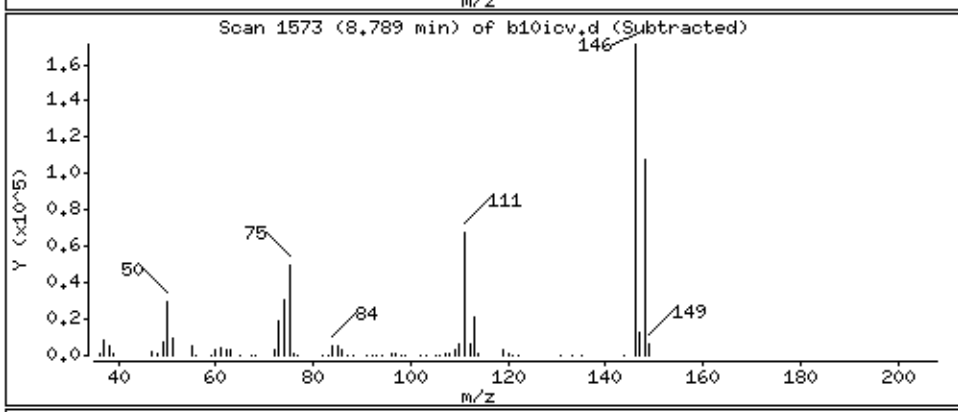
Column diameter: 0.18

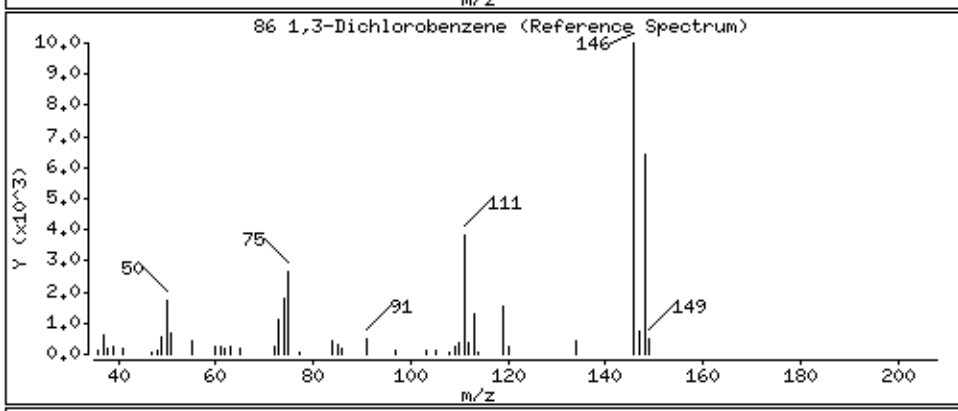
86 1,3-Dichlorobenzene

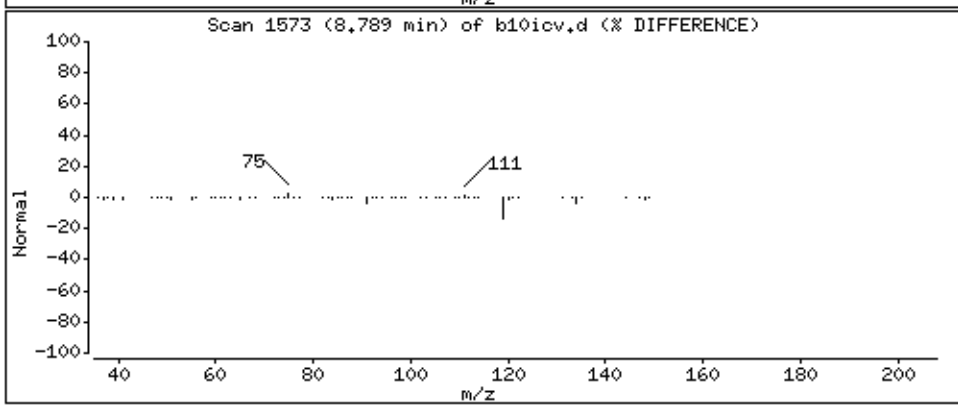
Concentration: 48.2 ppb

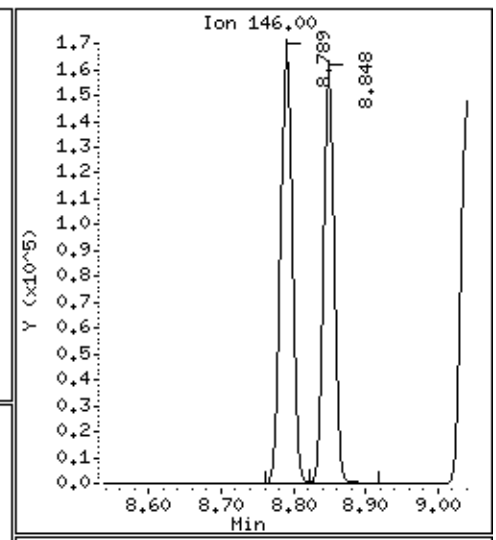
Review Code:

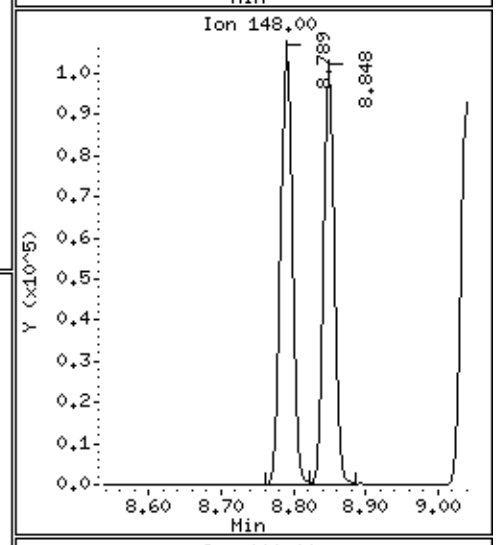


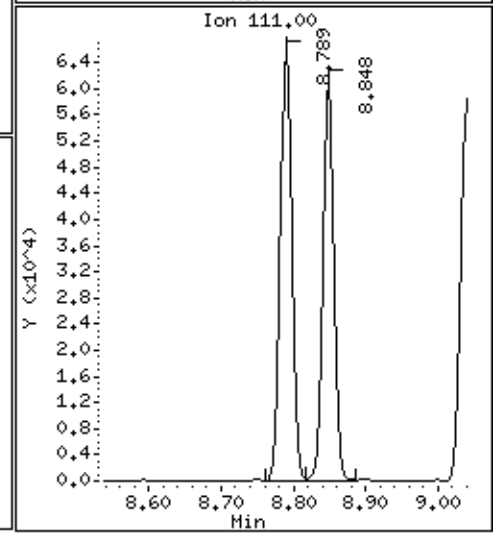












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Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

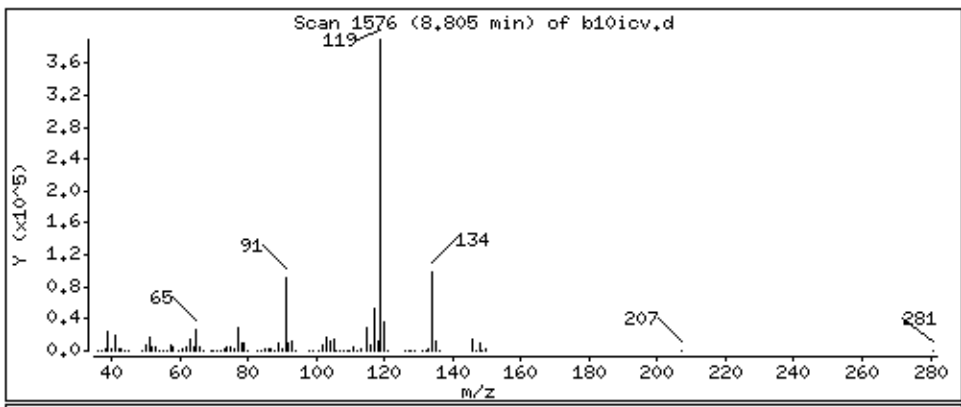
Column phase: DB-624

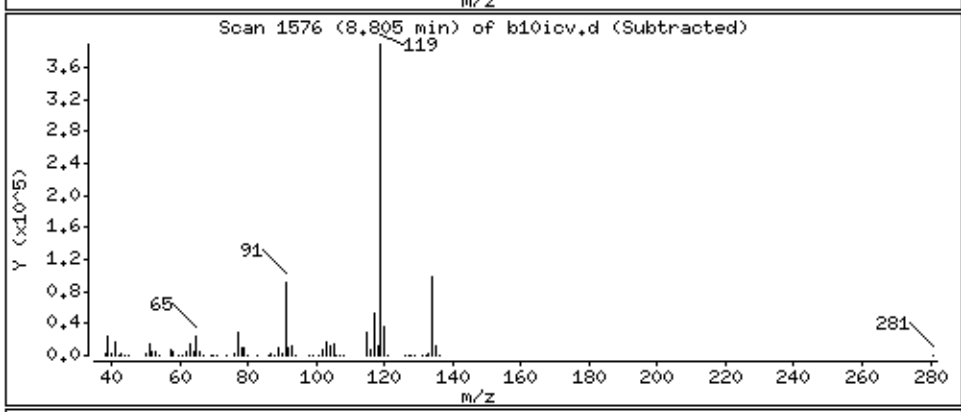
Column diameter: 0.18

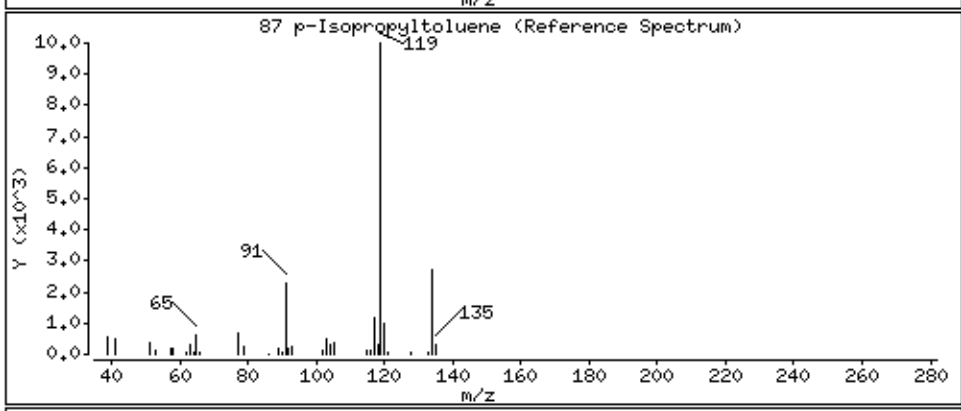
87 p-Isopropyltoluene

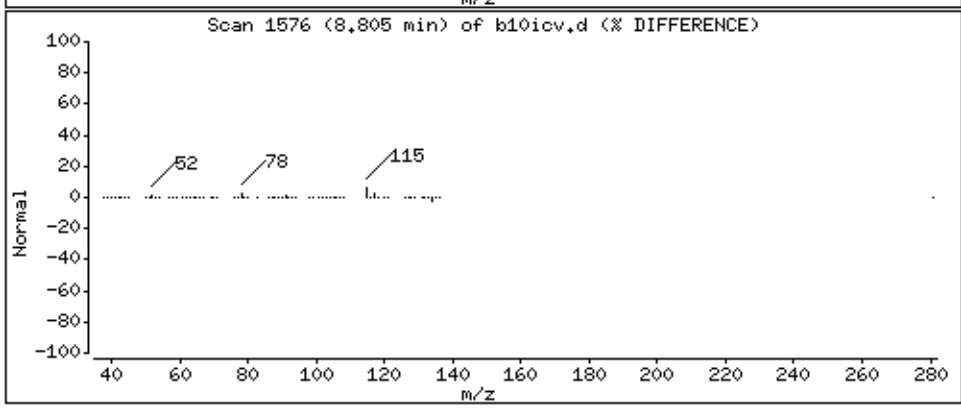
Concentration: 45.7 ppb

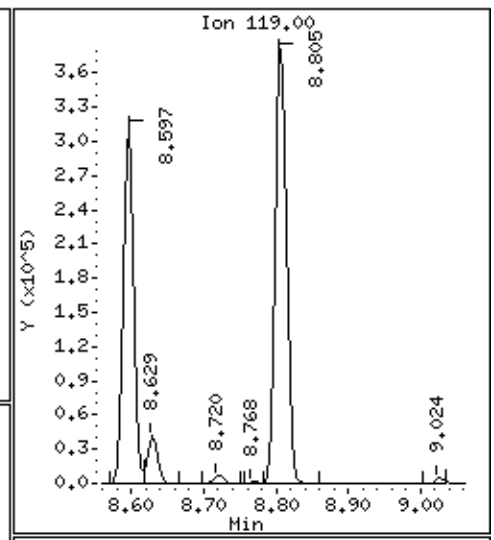
Review Code:

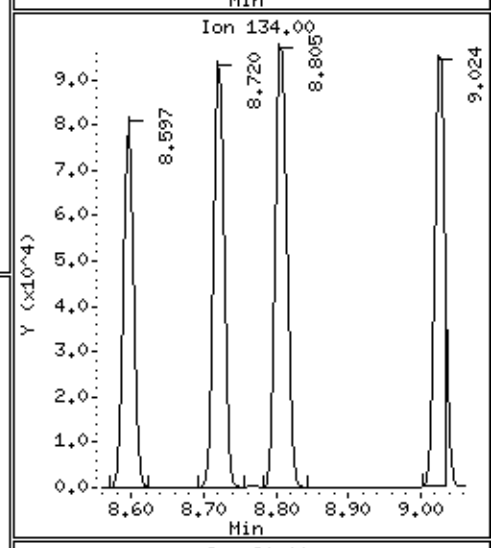


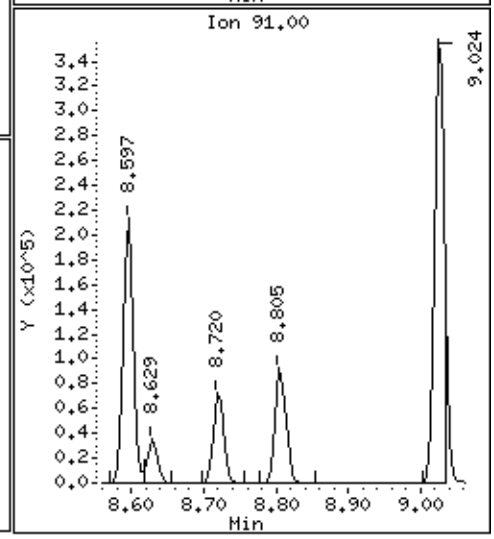












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

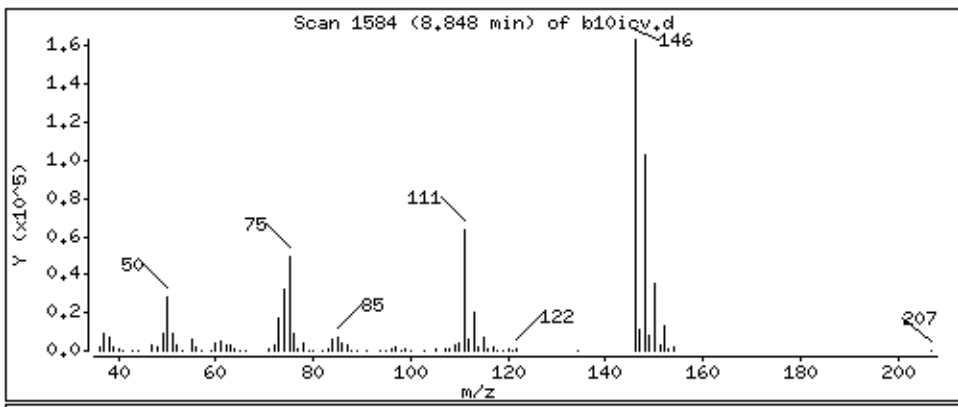
Column phase: DB-624

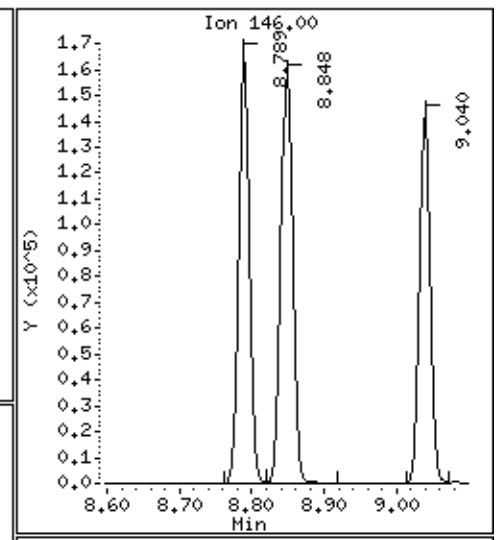
Column diameter: 0.18

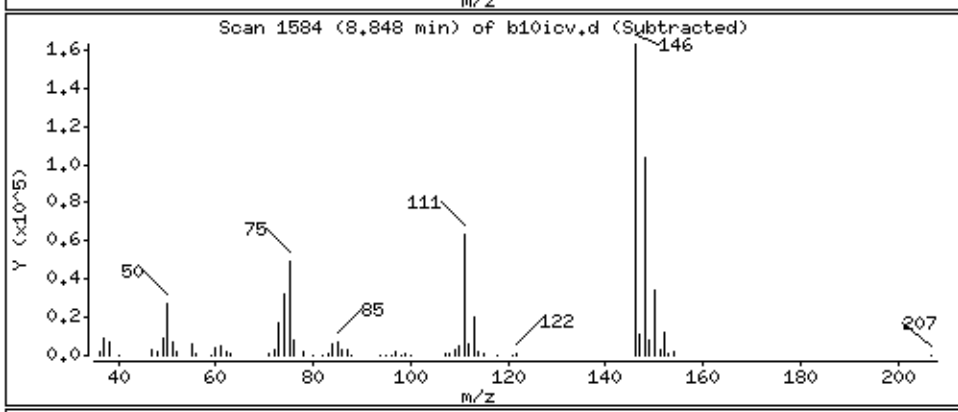
89 1,4-Dichlorobenzene

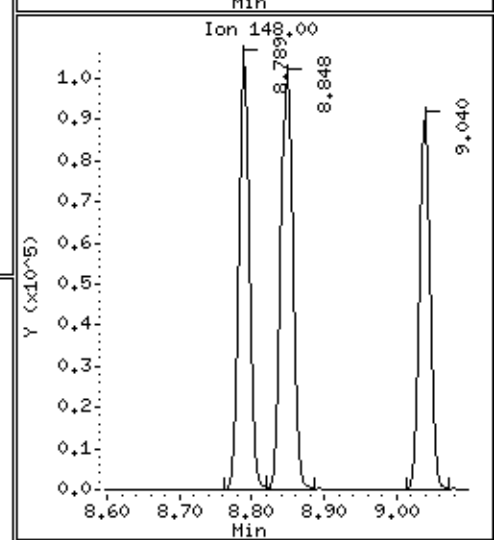
Concentration: 46.3 ppb

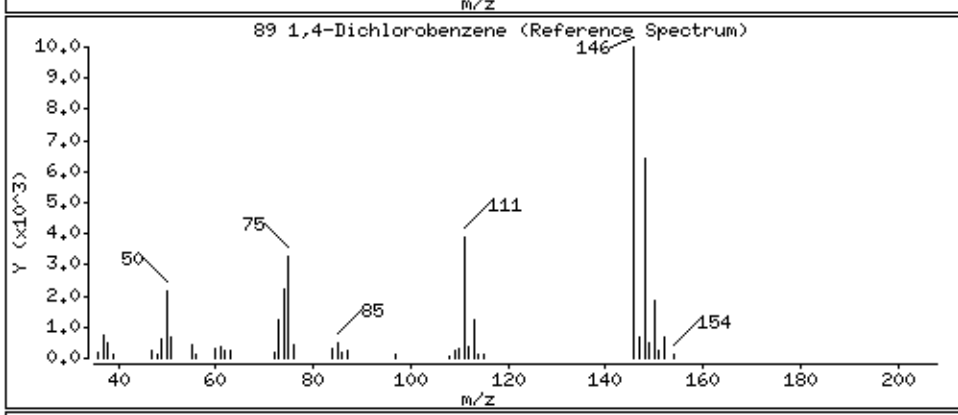
Review Code:

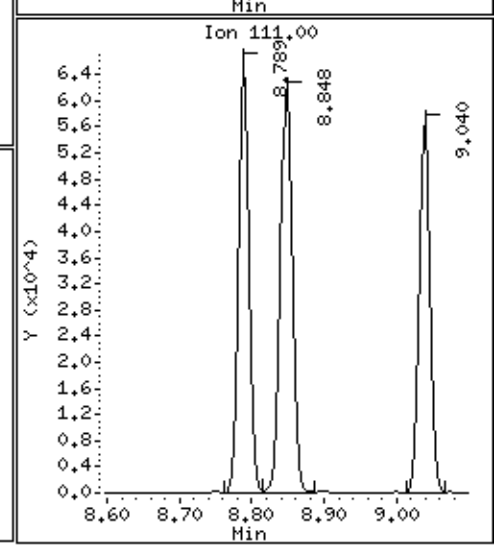


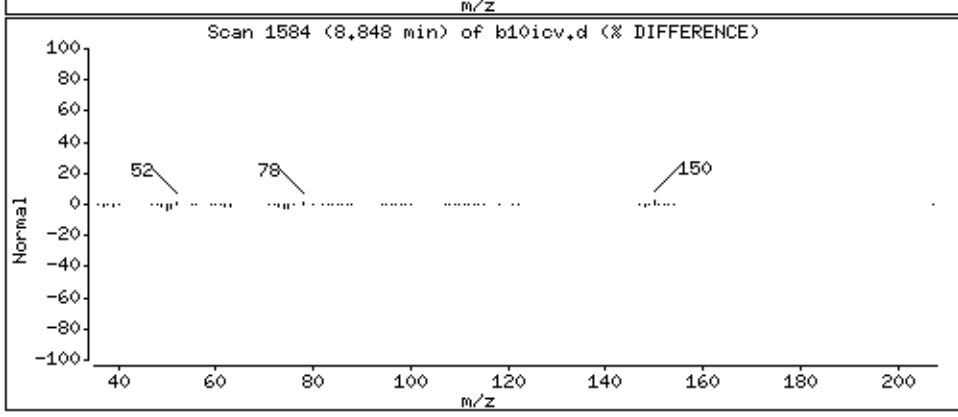












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

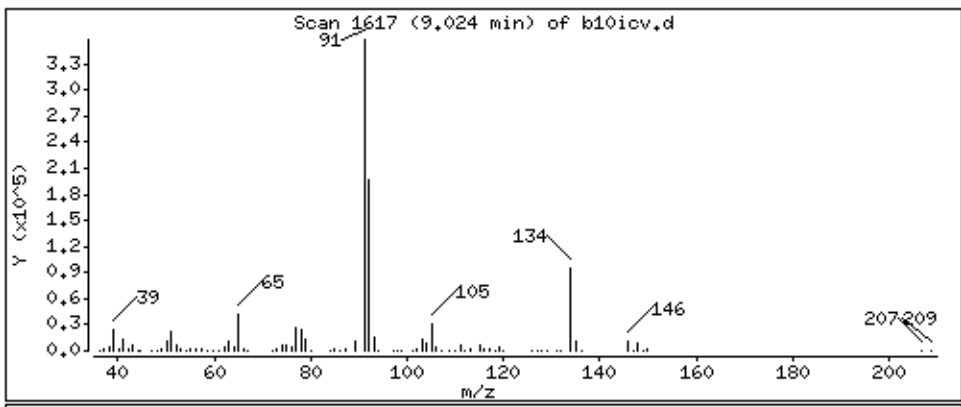
Column phase: DB-624

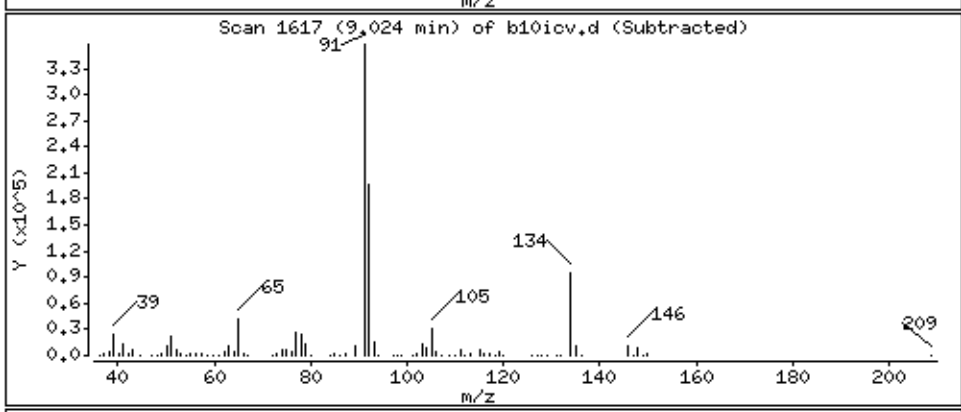
Column diameter: 0.18

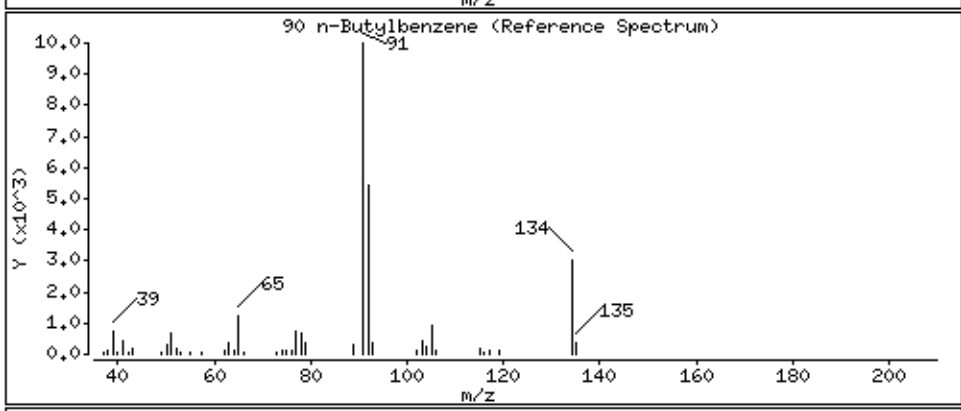
90 n-Butylbenzene

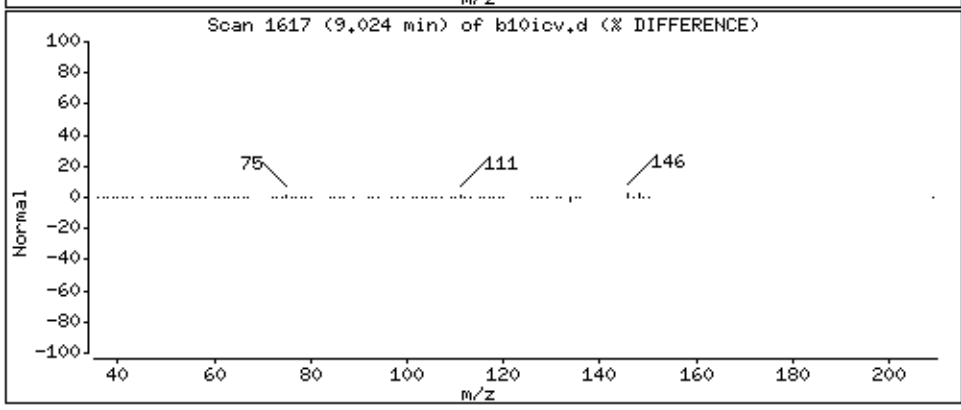
Concentration: 45.6 ppb

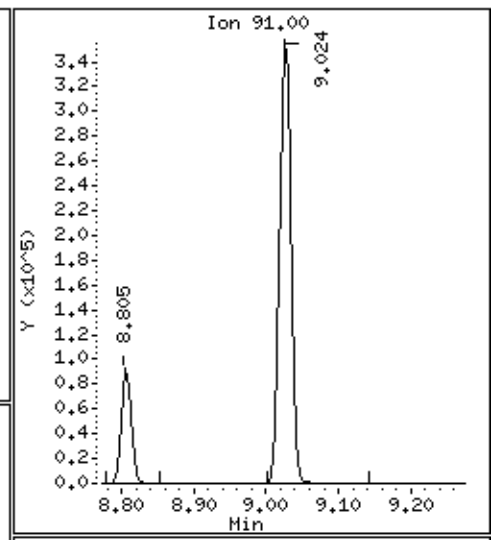
Review Code:

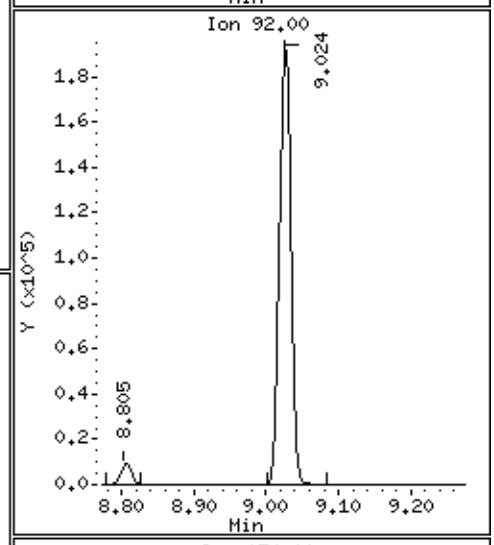


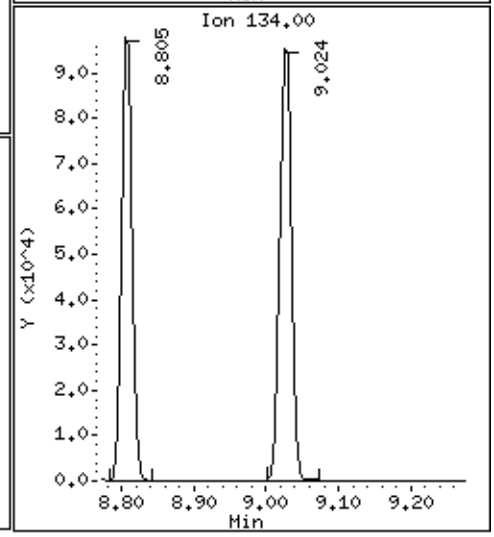












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

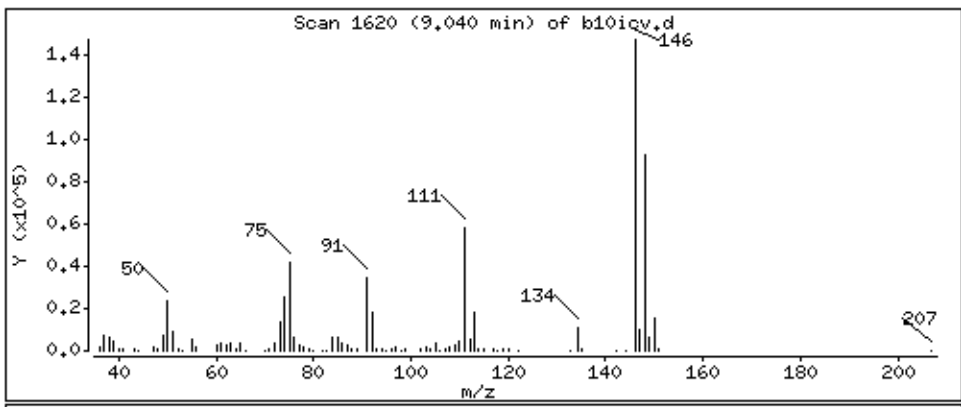
Column phase: DB-624

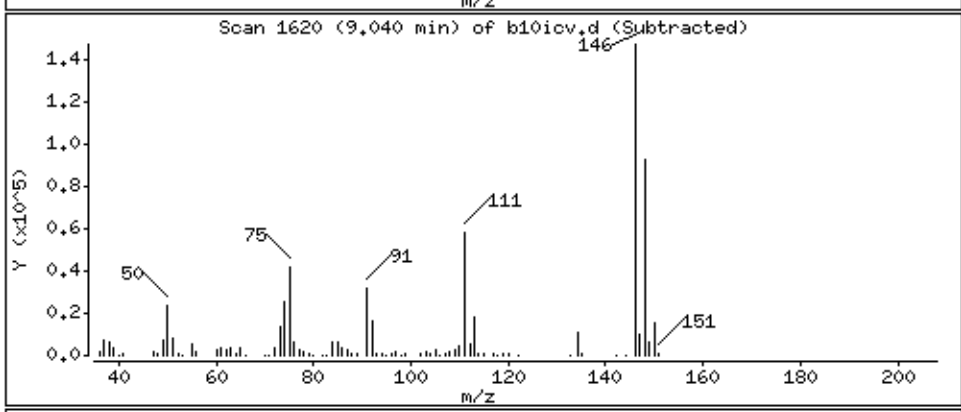
Column diameter: 0.18

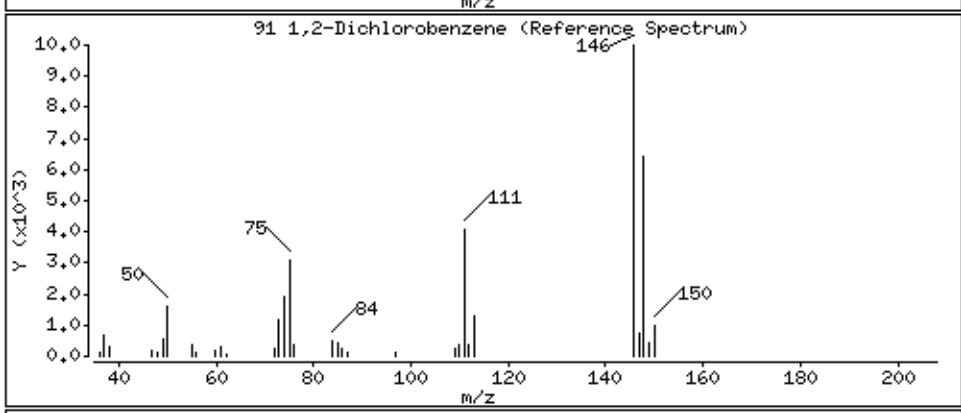
91 1,2-Dichlorobenzene

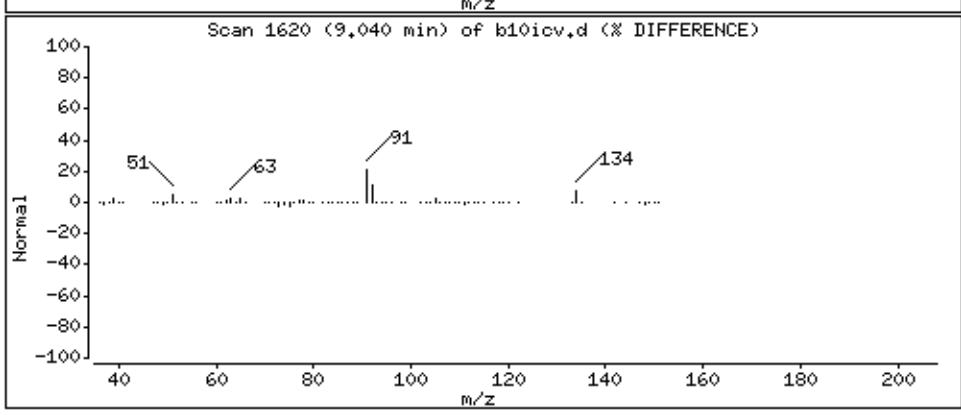
Concentration: 50.1 ppb

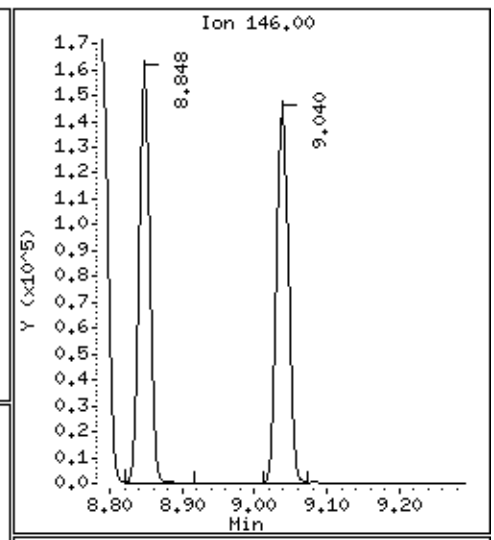
Review Code:

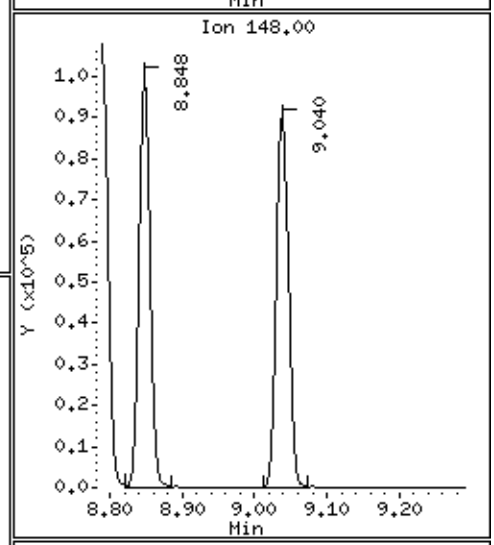


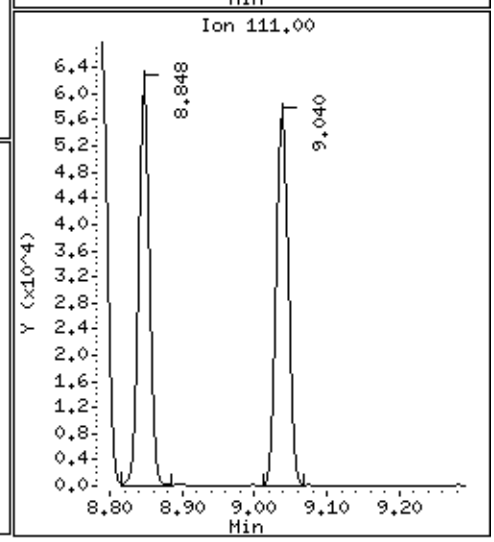












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

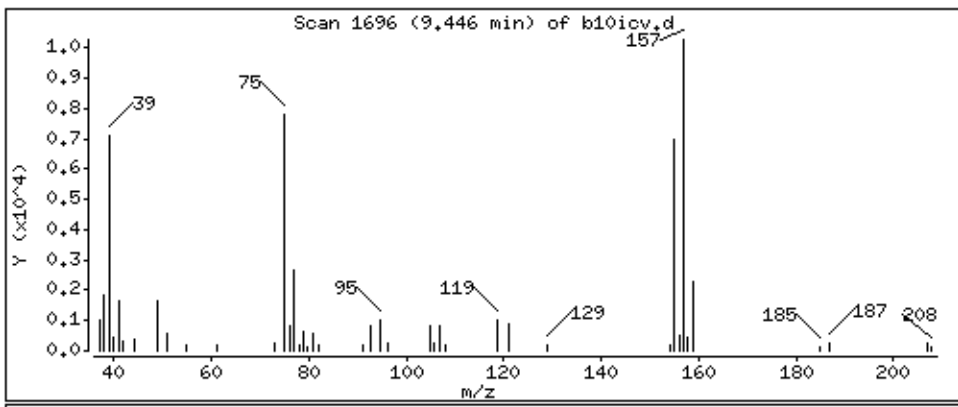
Column phase: DB-624

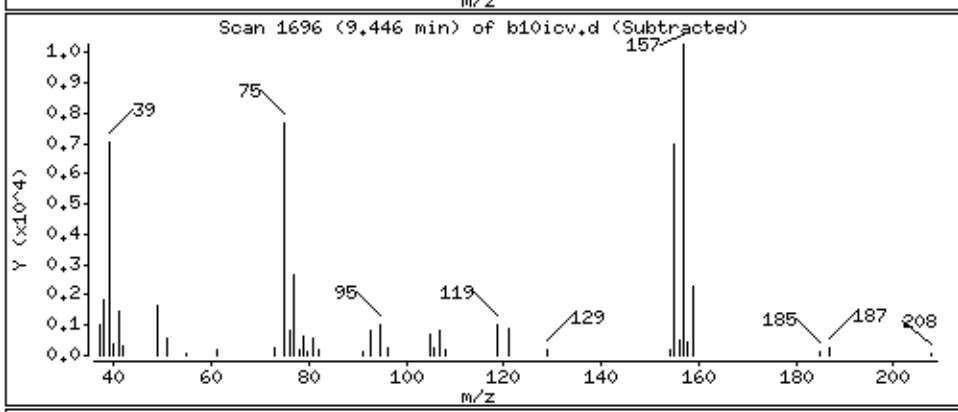
Column diameter: 0.18

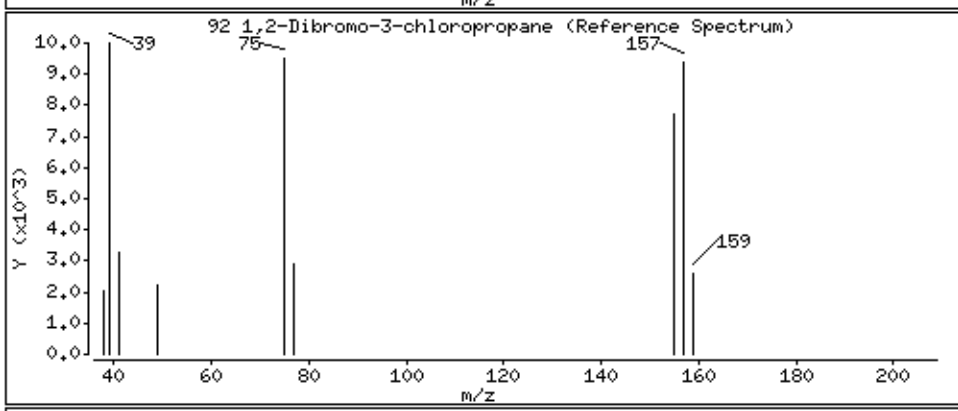
92 1,2-Dibromo-3-chloropropane

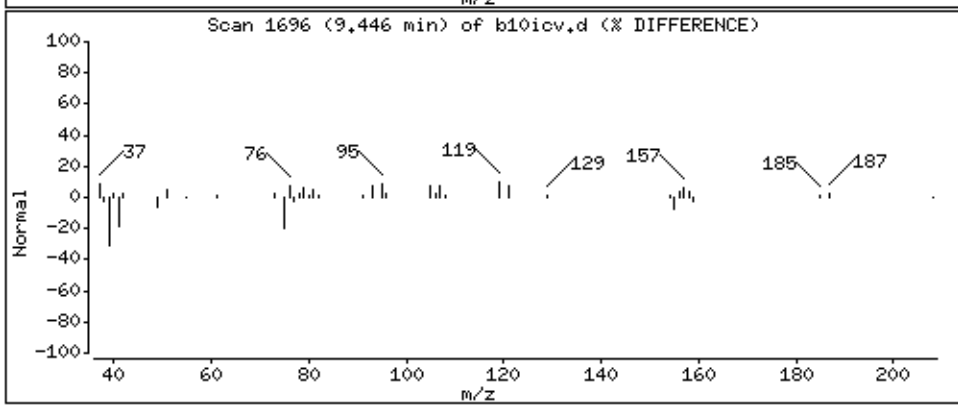
Concentration: 48.2 ppb

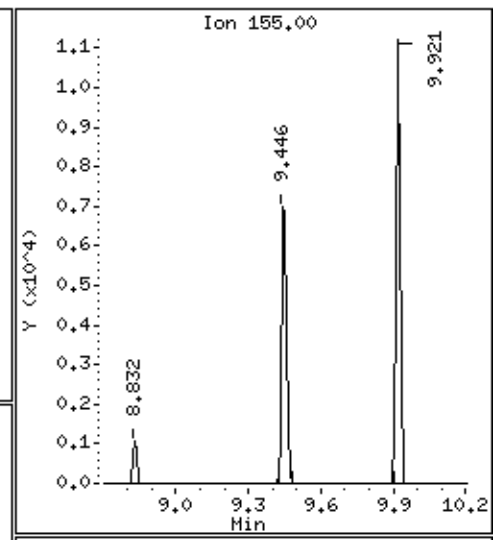
Review Code:

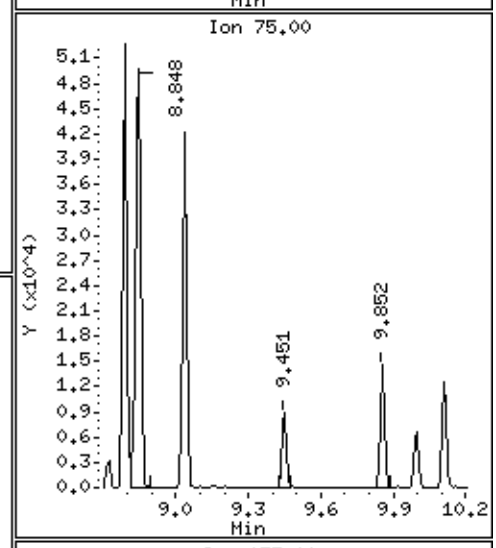


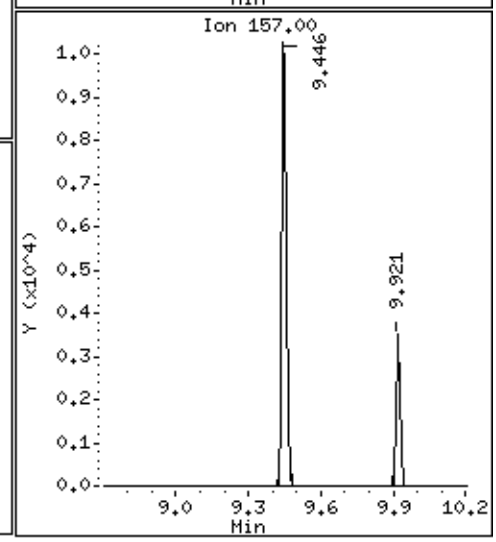












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

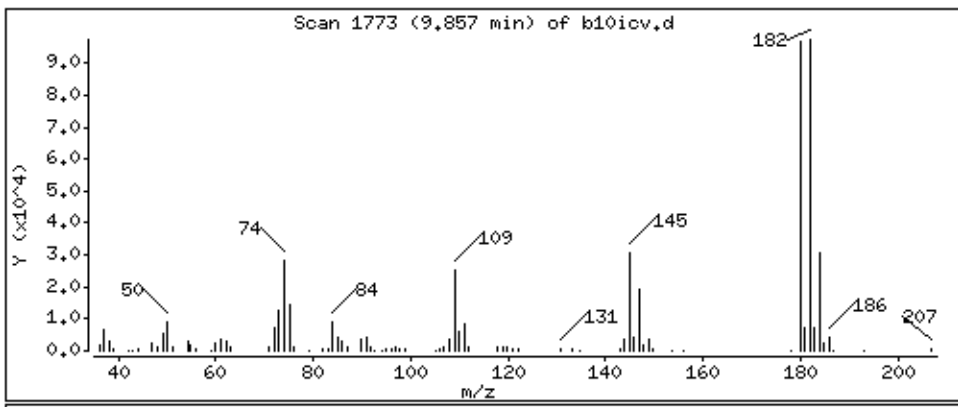
Column phase: DB-624

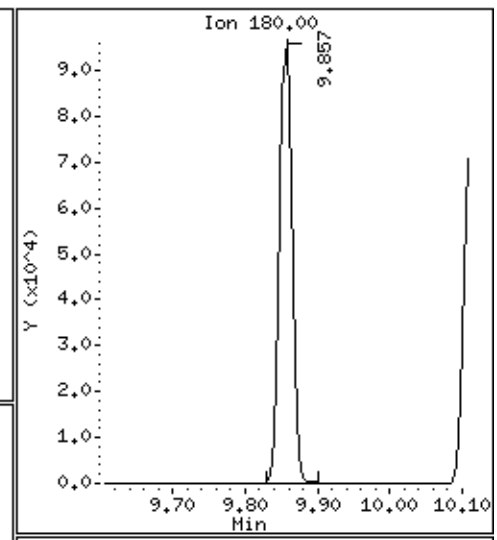
Column diameter: 0.18

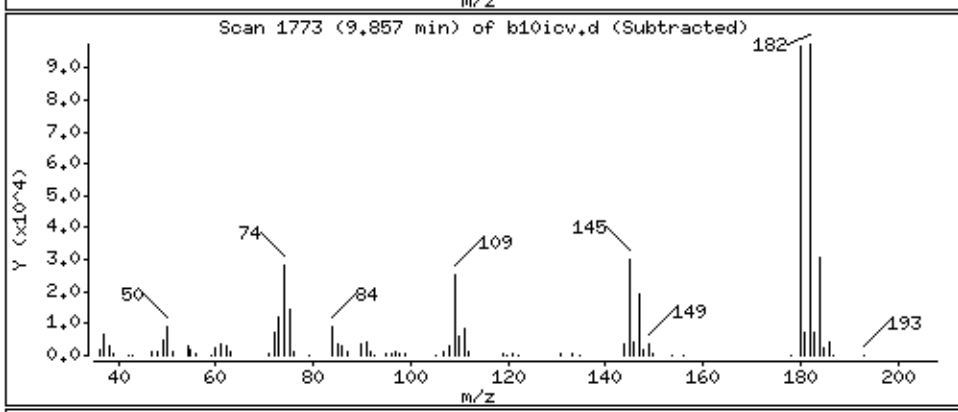
93 1,2,4-Trichlorobenzene

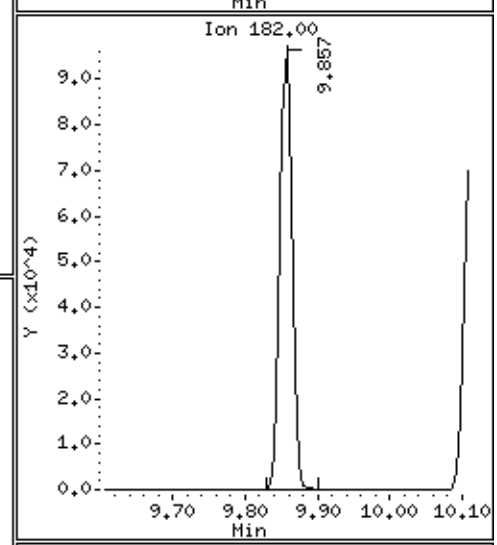
Concentration: 46.8 ppb

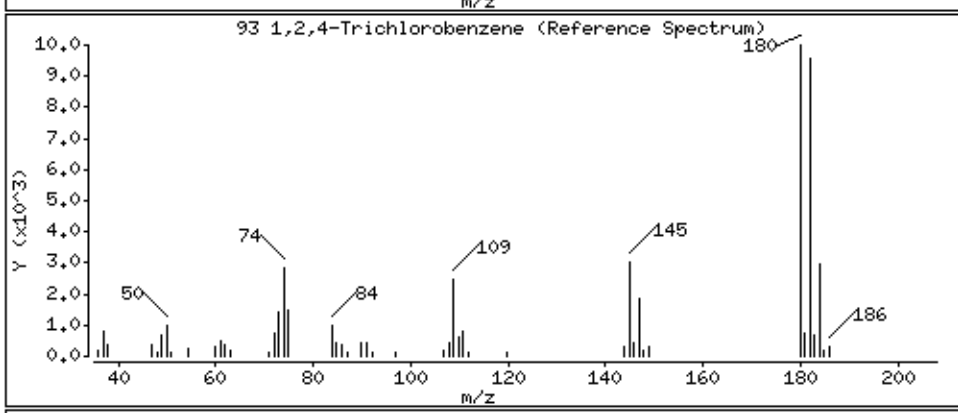
Review Code:

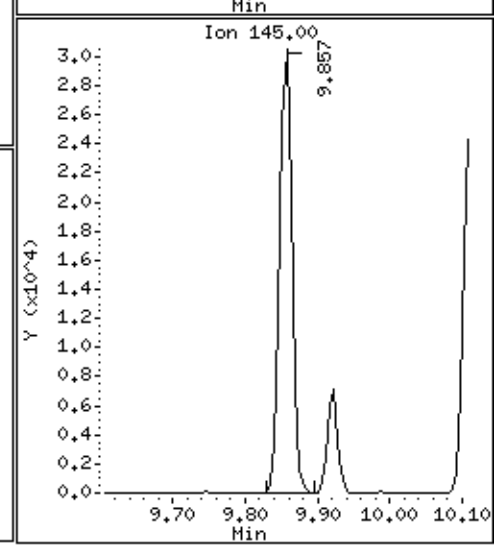


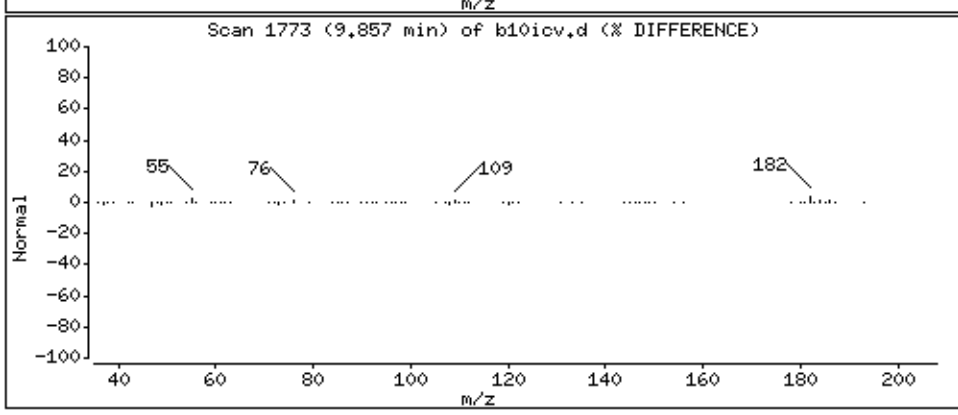












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

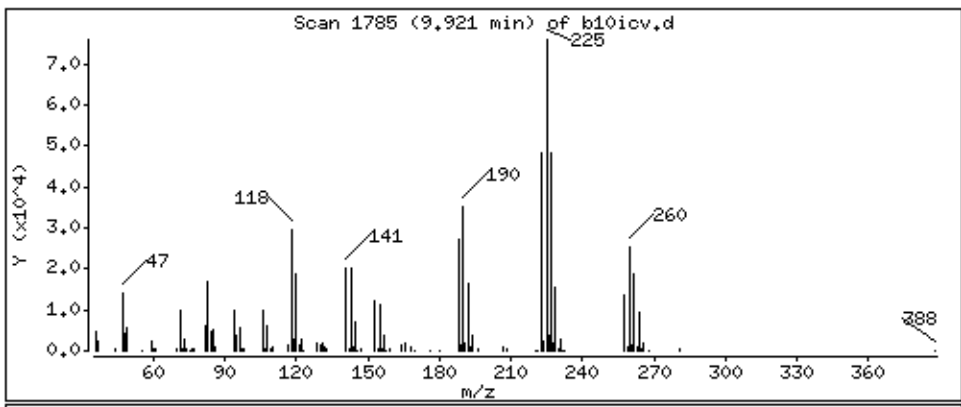
Column phase: DB-624

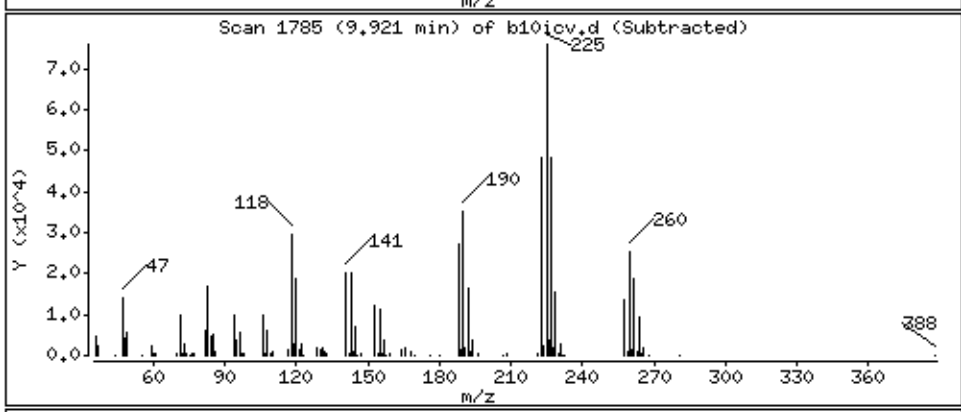
Column diameter: 0.18

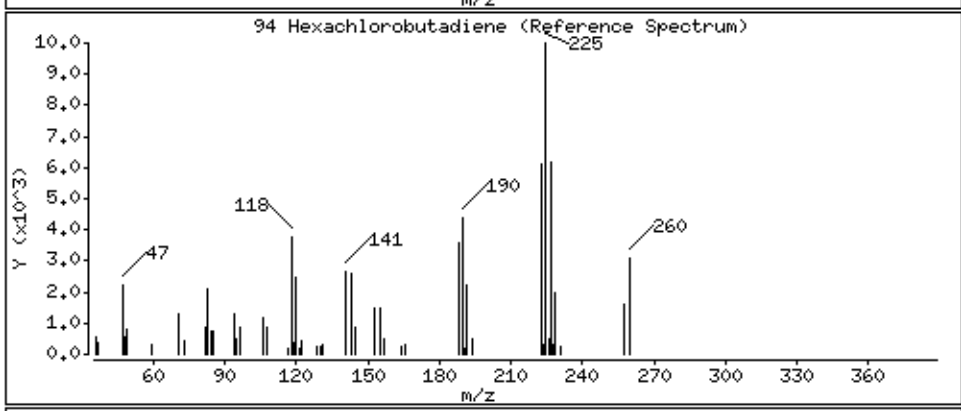
94 Hexachlorobutadiene

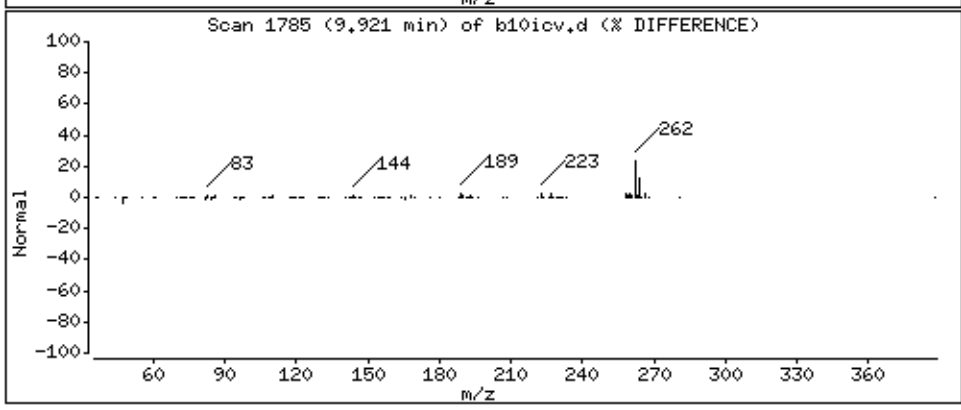
Concentration: 47.7 ppb

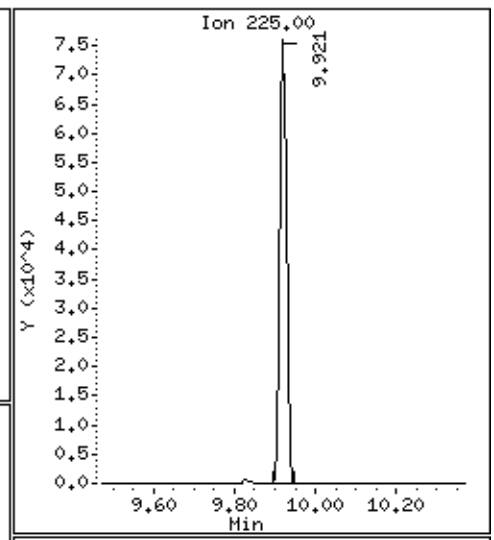
Review Code:

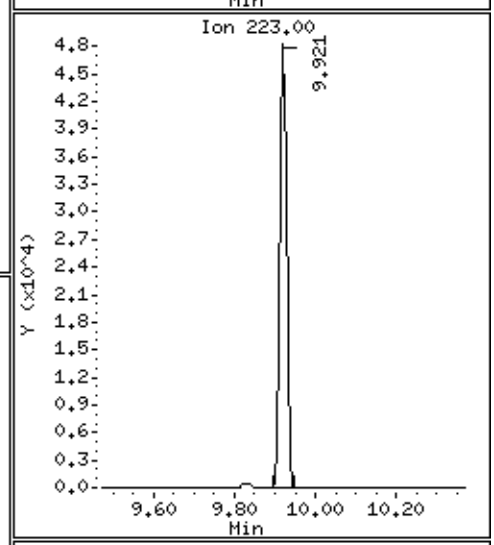


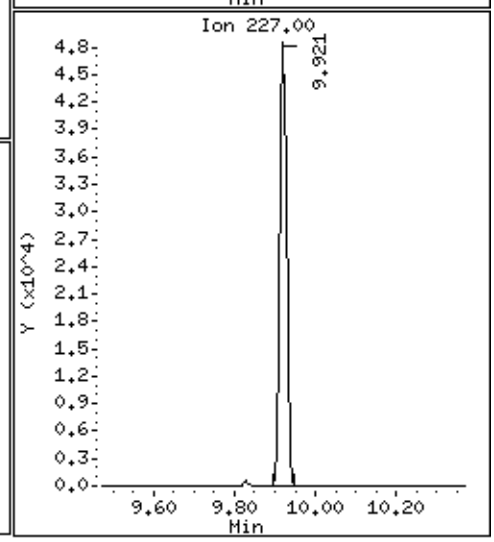












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

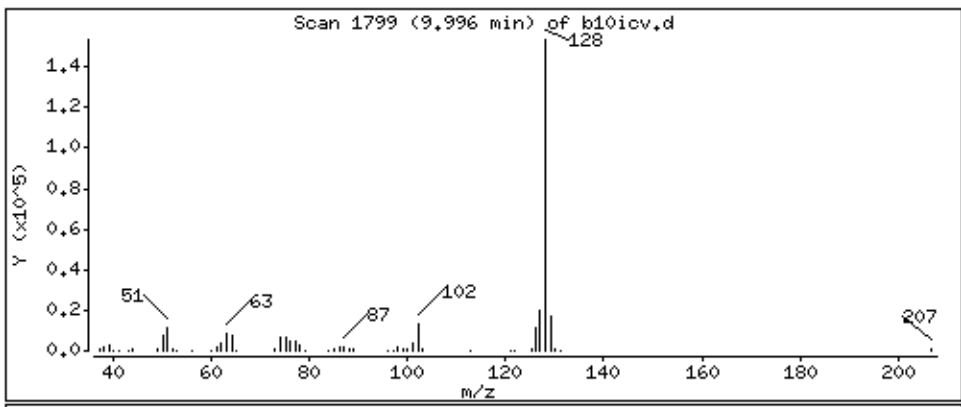
Column phase: DB-624

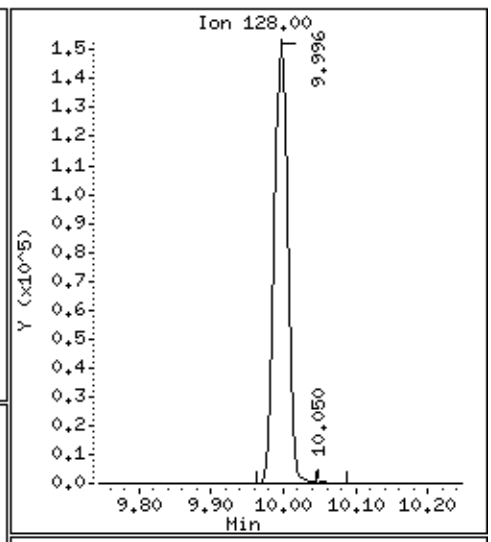
Column diameter: 0.18

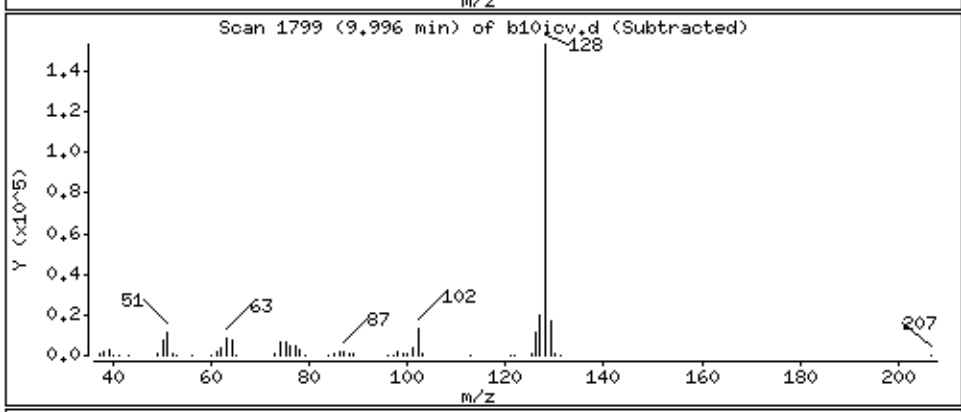
95 Naphthalene

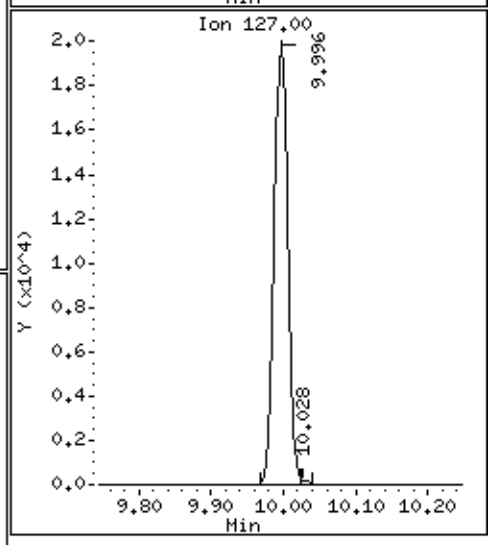
Concentration: 46.8 ppb

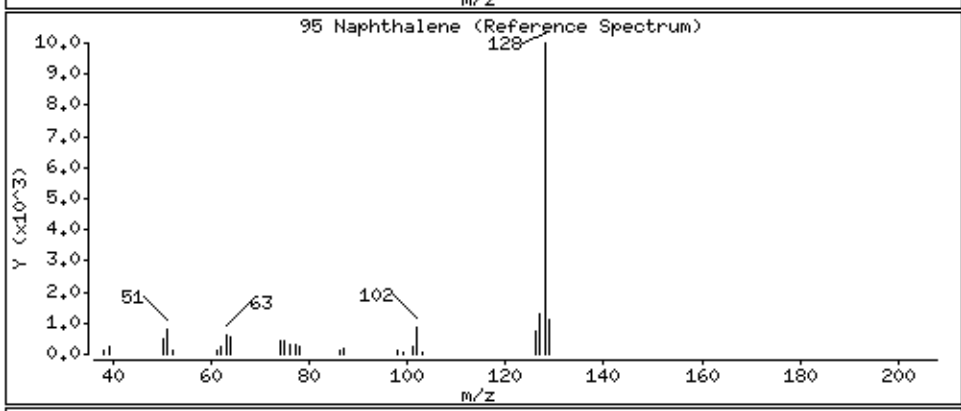
Review Code:

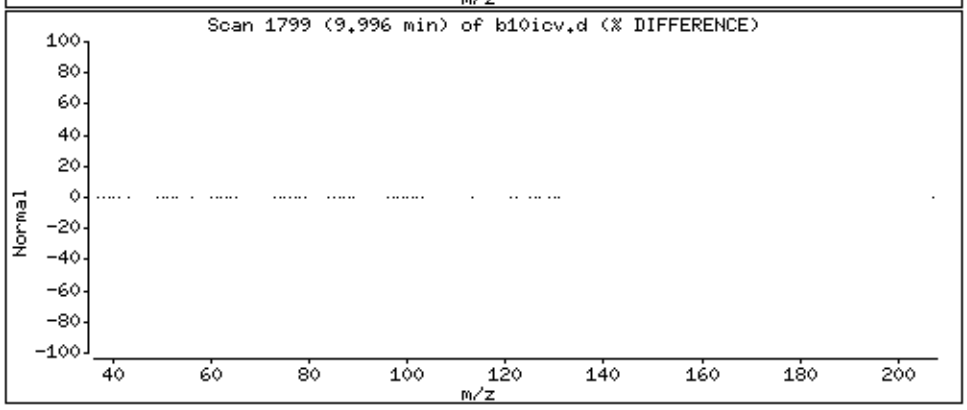












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

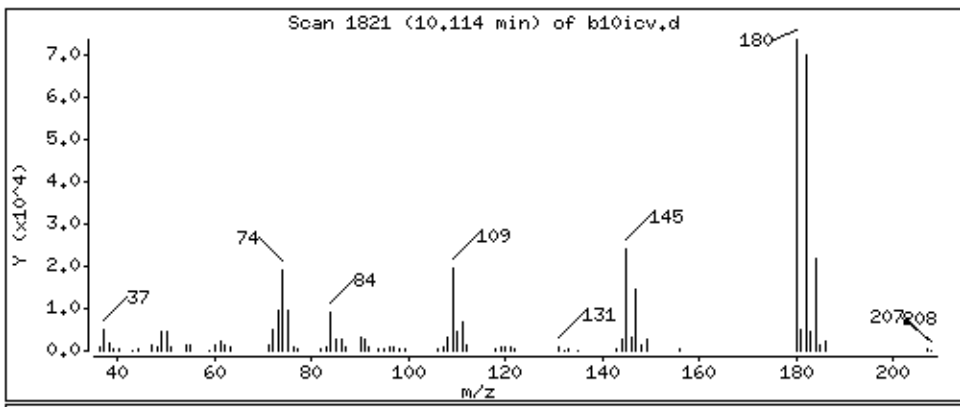
Column phase: DB-624

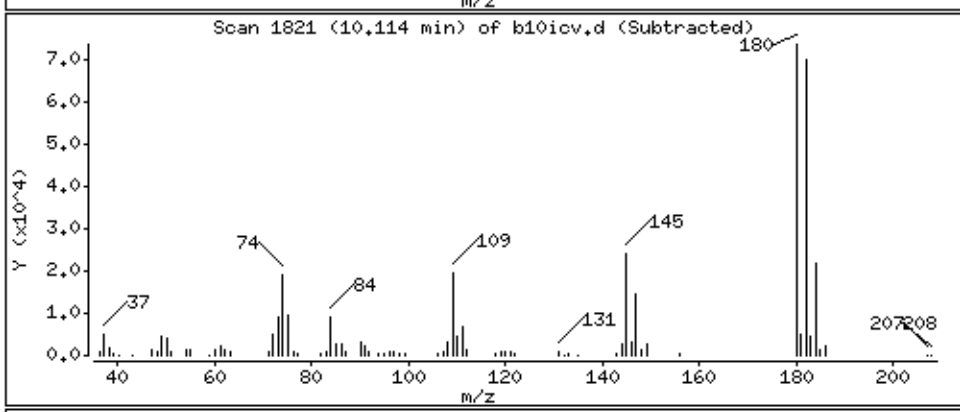
Column diameter: 0.18

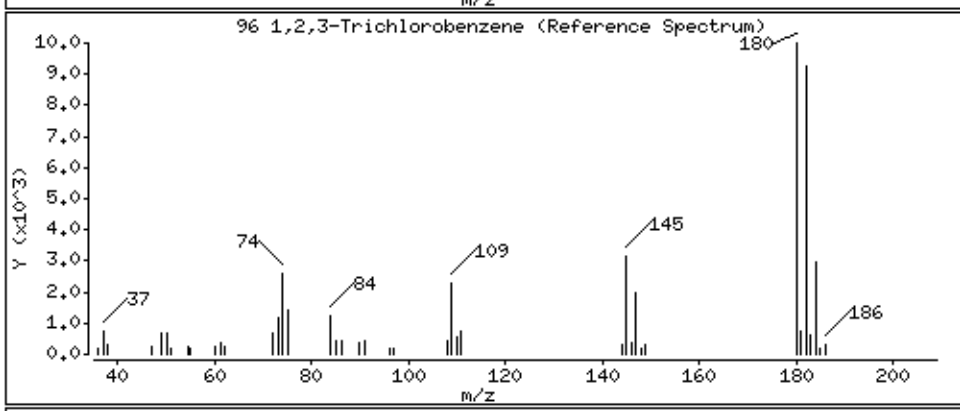
96 1,2,3-Trichlorobenzene

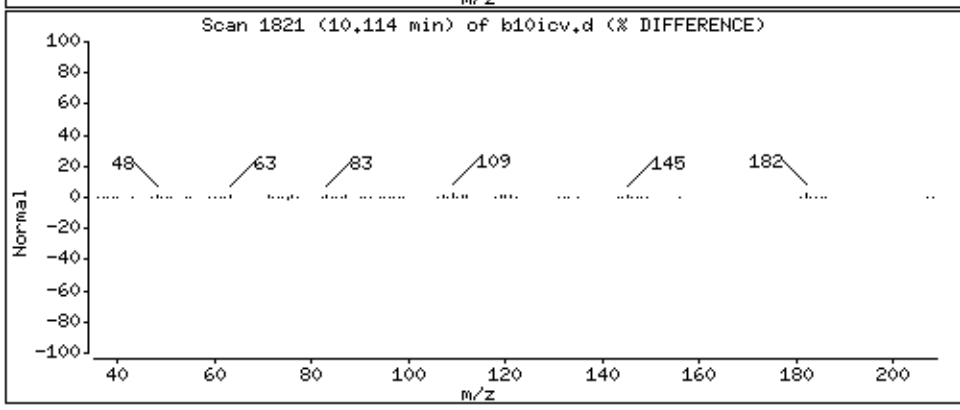
Concentration: 48.0 ppb

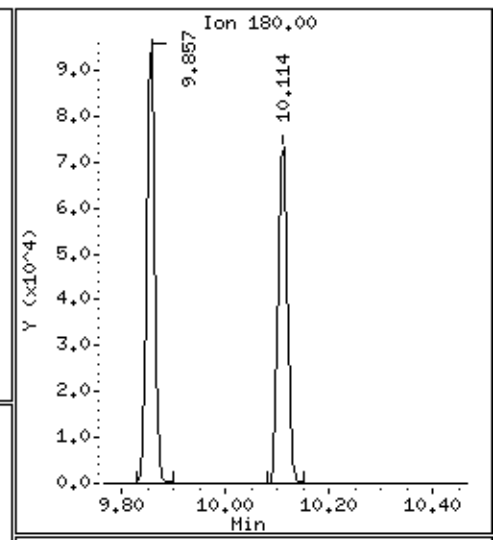
Review Code:

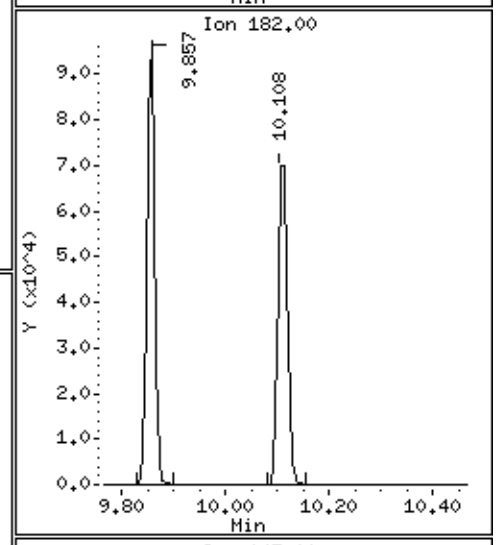


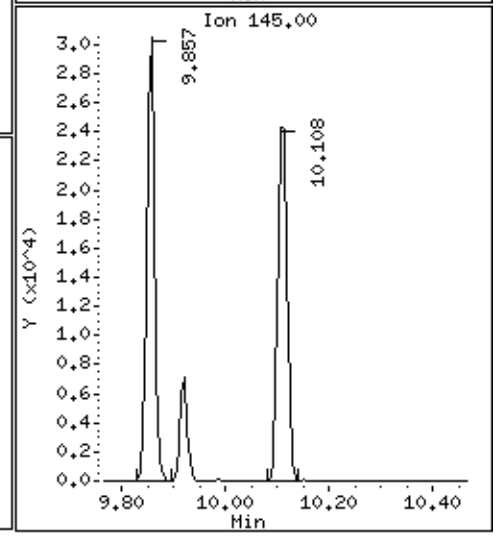












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

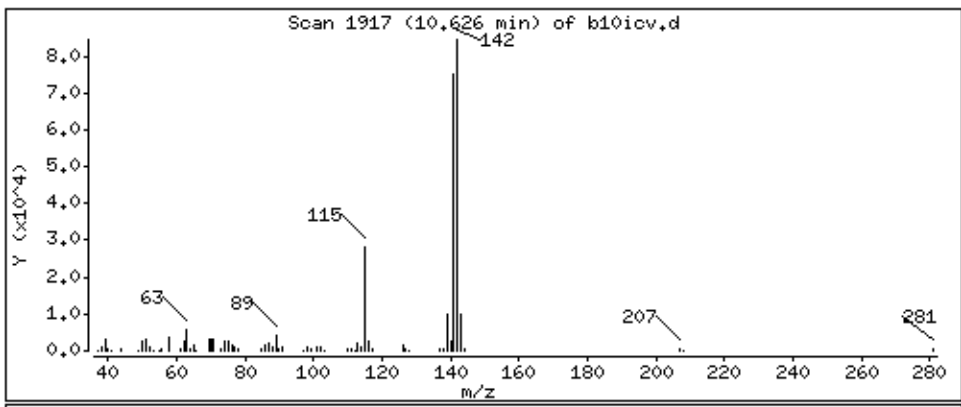
Column phase: DB-624

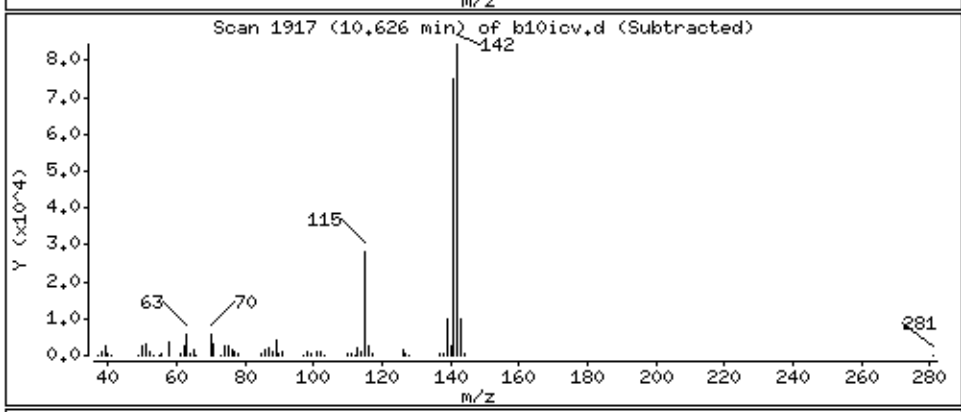
Column diameter: 0.18

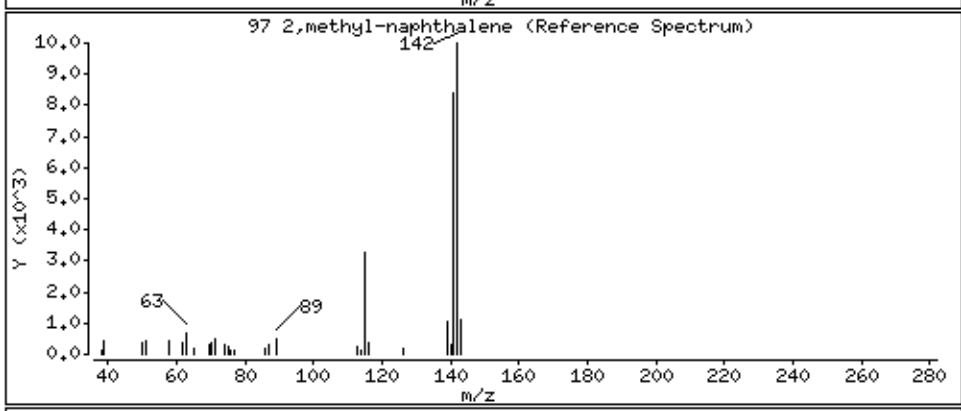
97 2,methyl-naphthalene

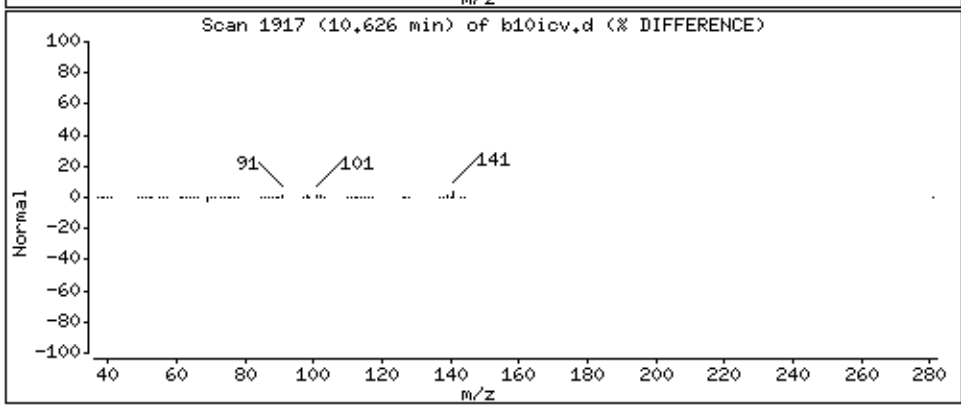
Concentration: 51.7 ppb

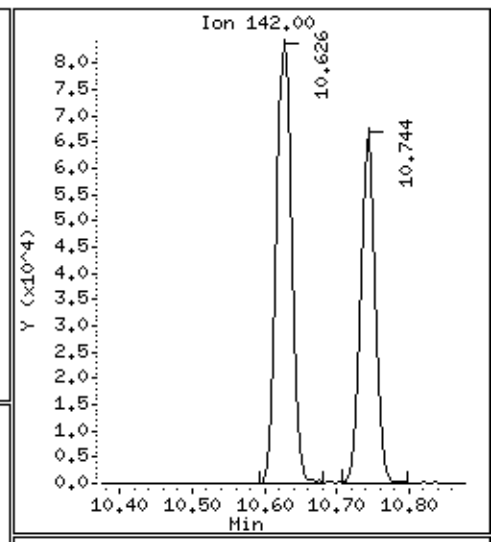
Review Code:

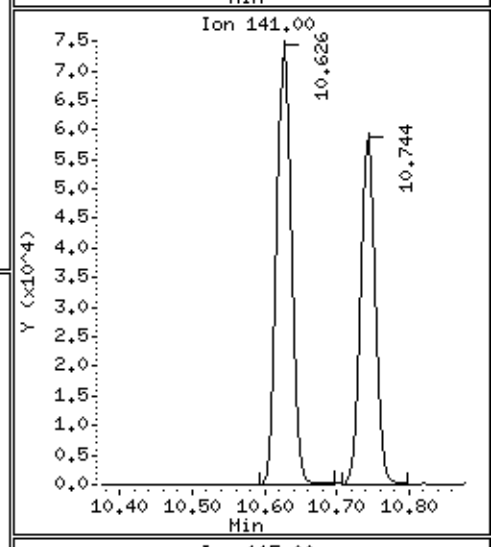


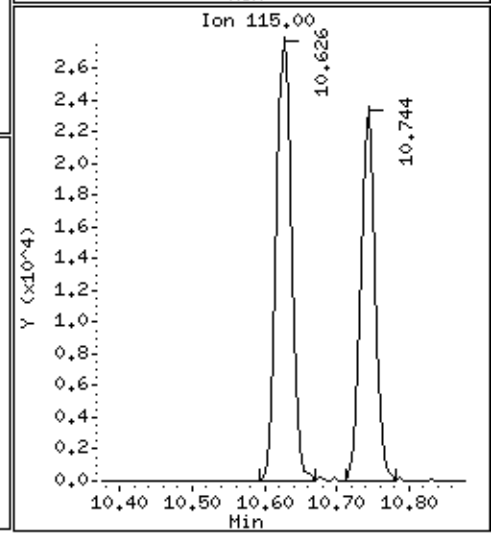












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

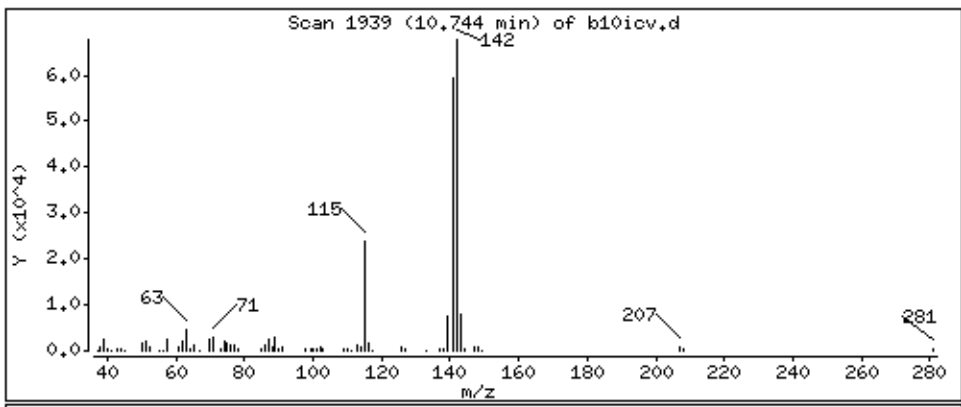
Column phase: DB-624

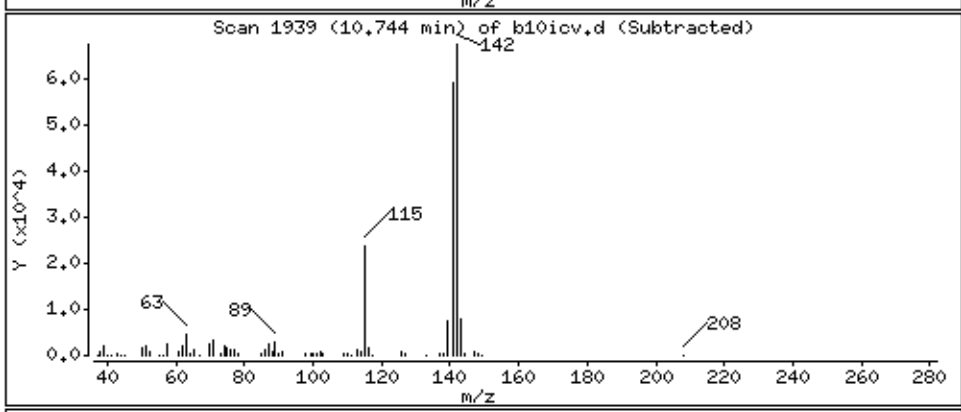
Column diameter: 0.18

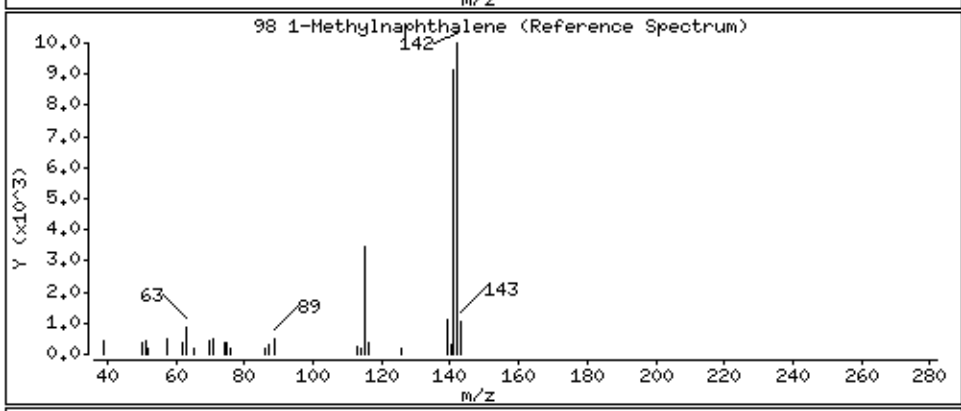
98 1-Methylnaphthalene

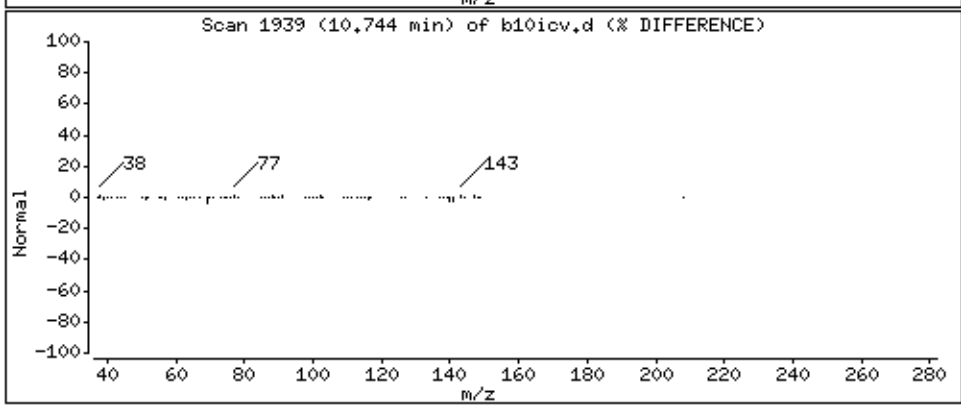
Concentration: 55.0 ppb

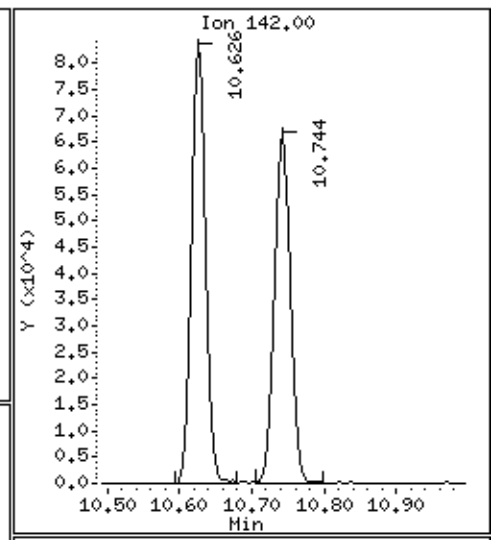
Review Code:

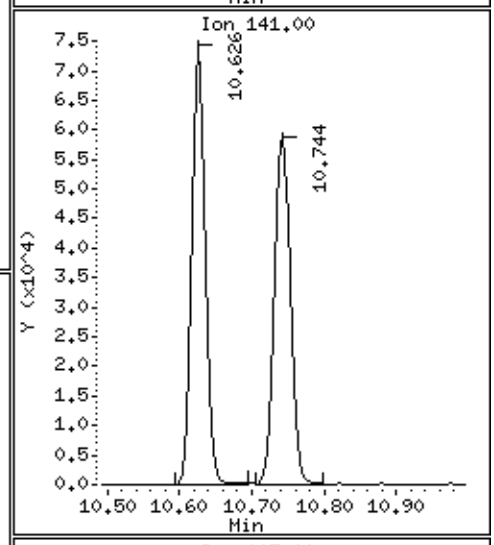


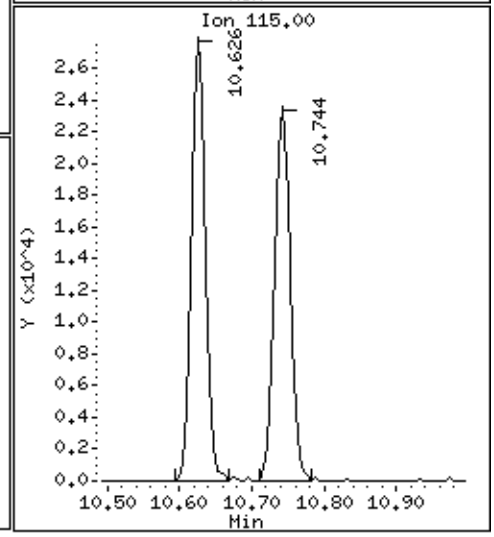












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Page 98

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

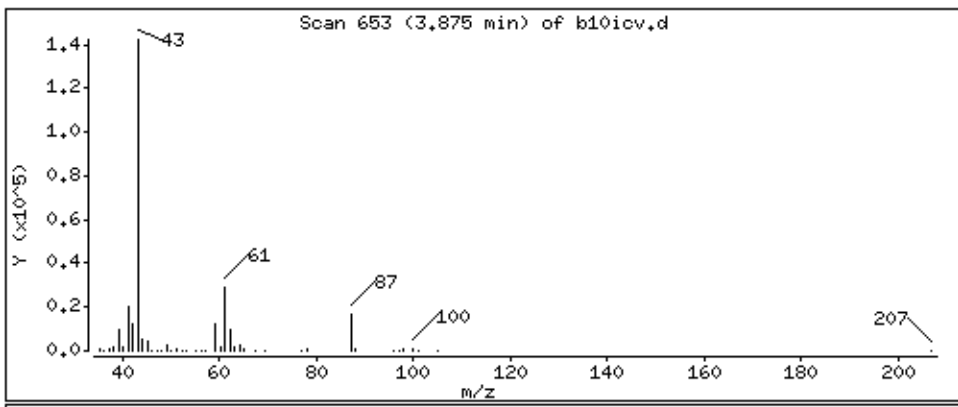
Column phase: DB-624

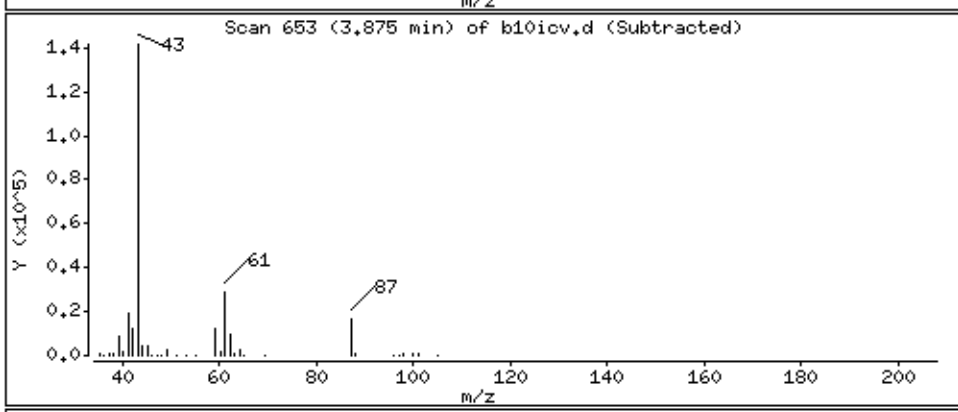
Column diameter: 0.18

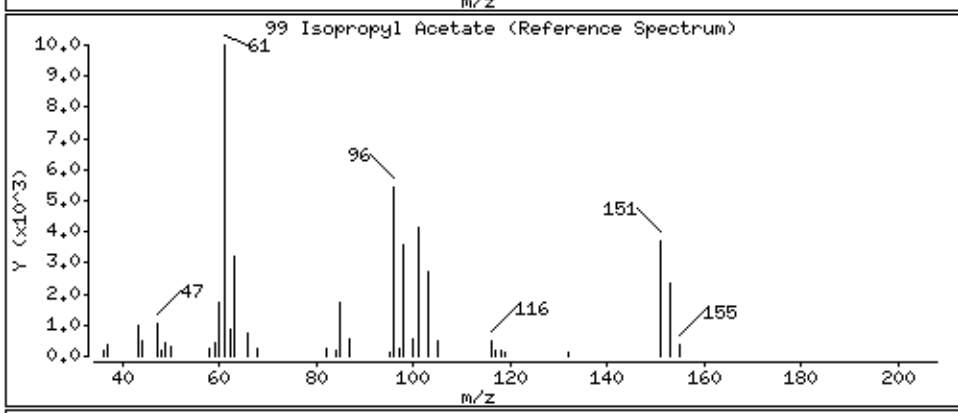
99 Isopropyl Acetate

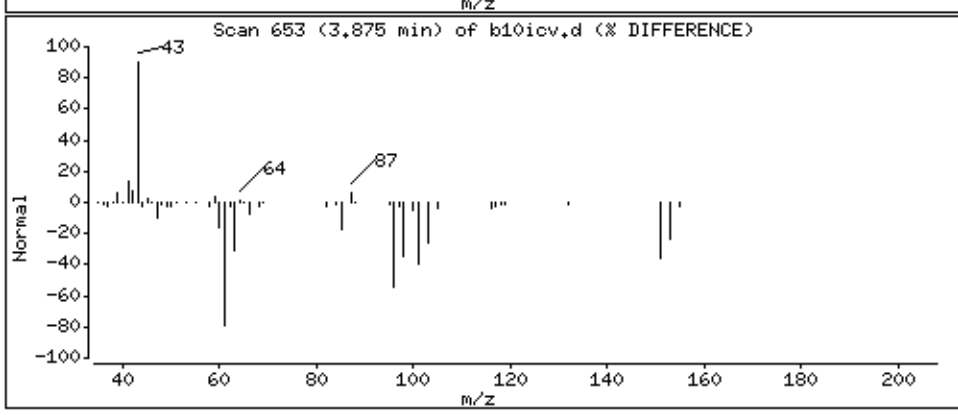
Concentration: 280 ppb

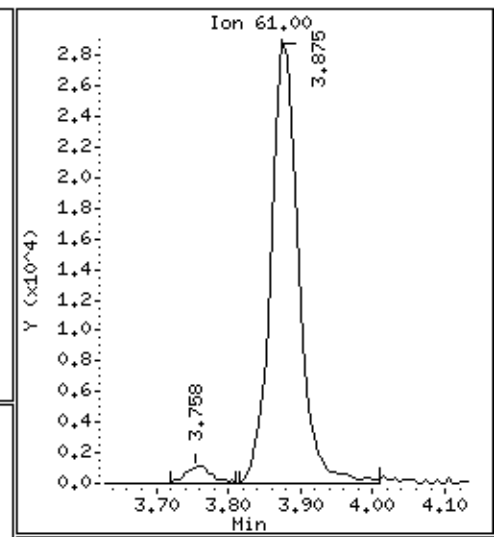
Review Code:

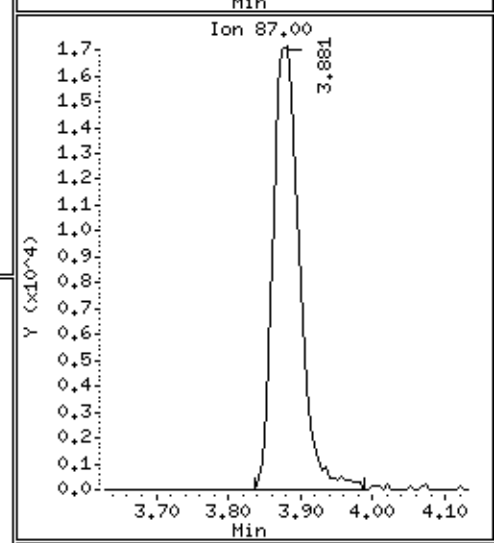


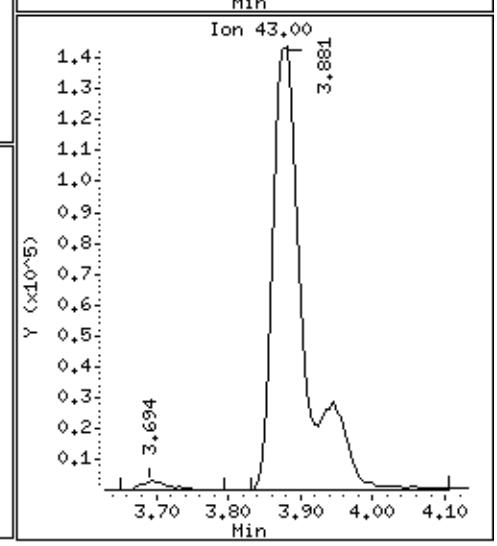












Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b10icv.d

Date : 23-AUG-2017 17:36

Client ID: 8260-ICV

Instrument: 50mv3b.i

Sample Info: 8260-ICV,156501:0

Purge Volume: 5.0

Operator: jlz

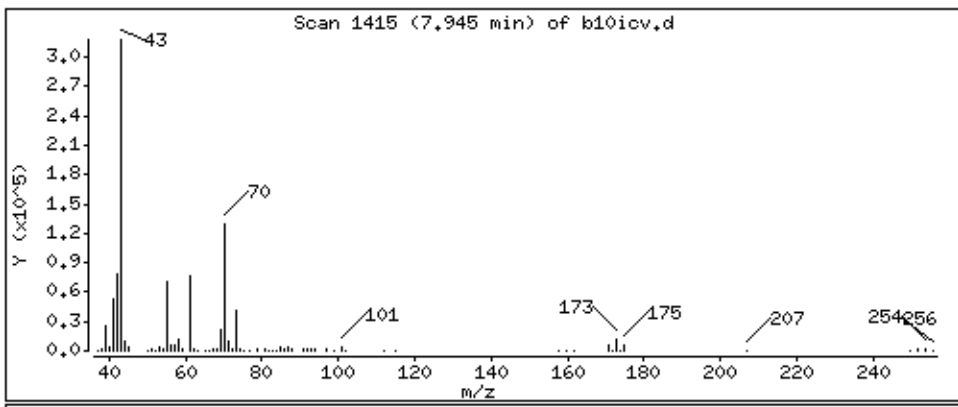
Column phase: DB-624

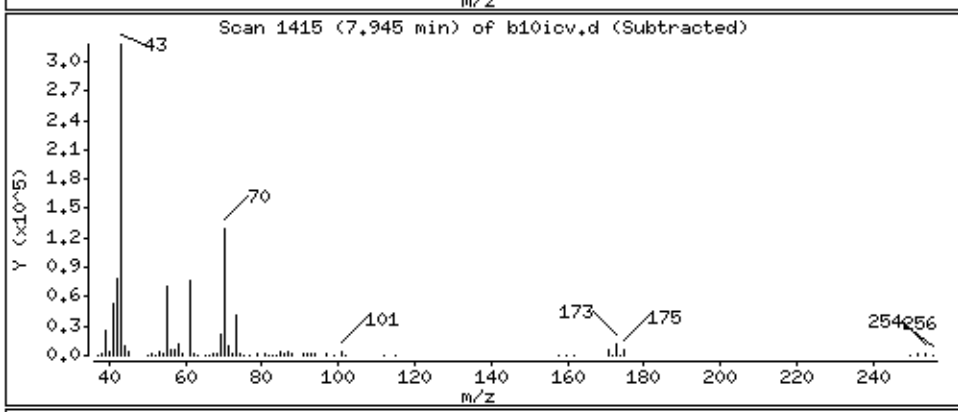
Column diameter: 0.18

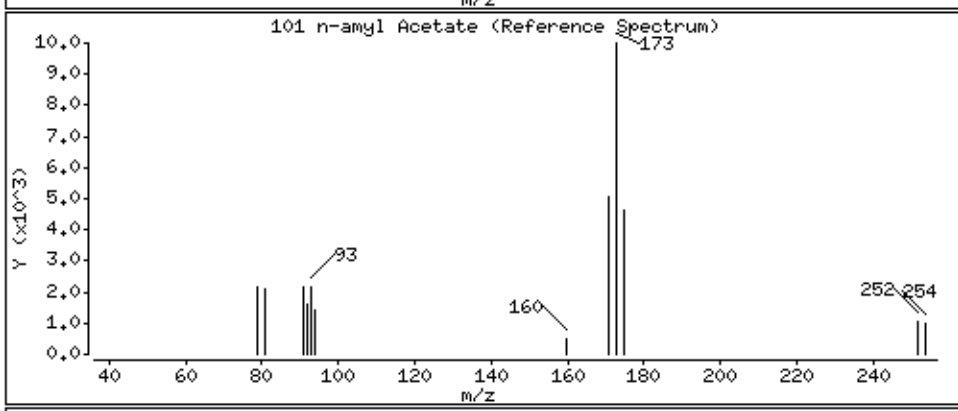
101 n-amyl Acetate

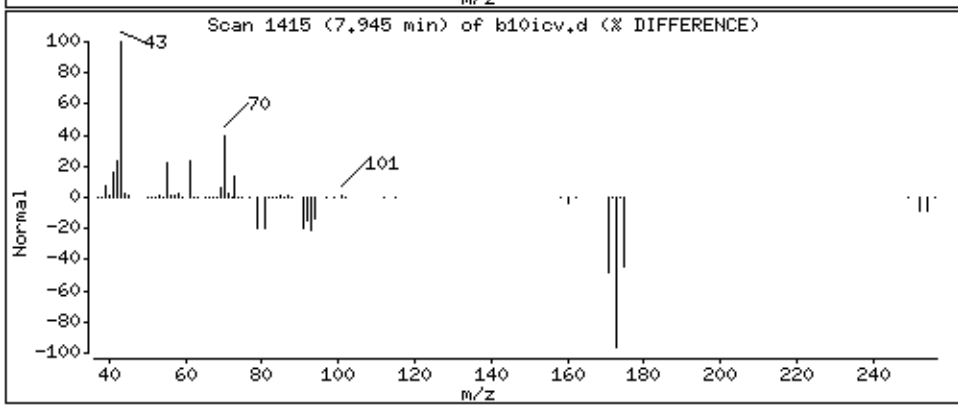
Concentration: 43.2 ppb

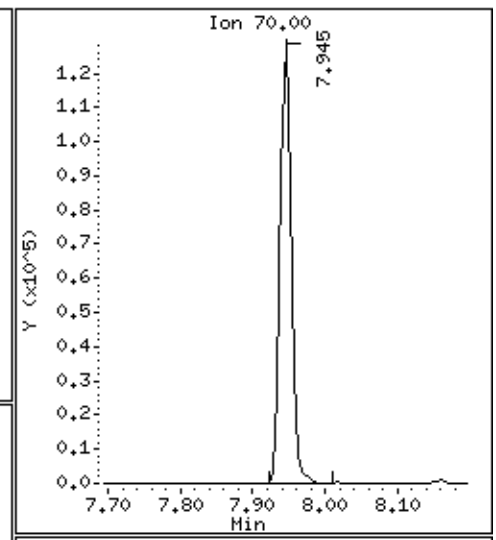
Review Code:

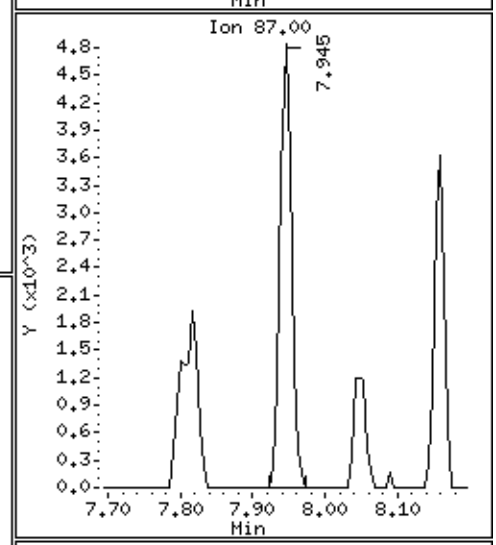


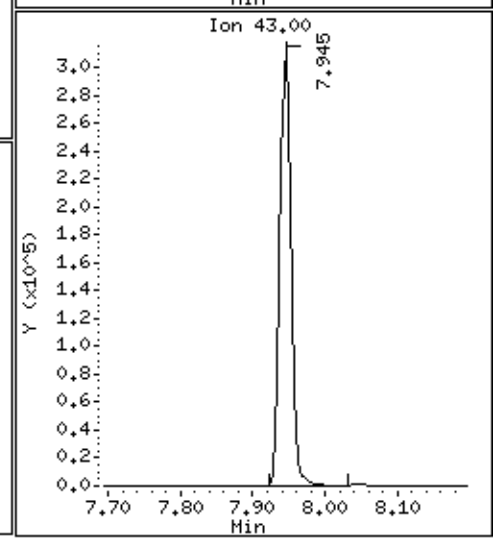












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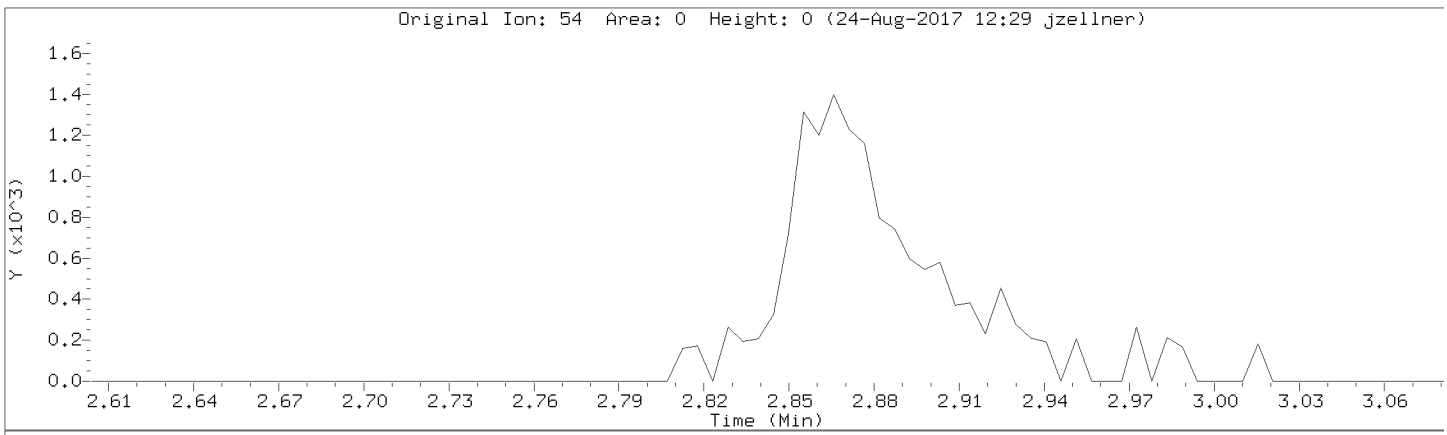
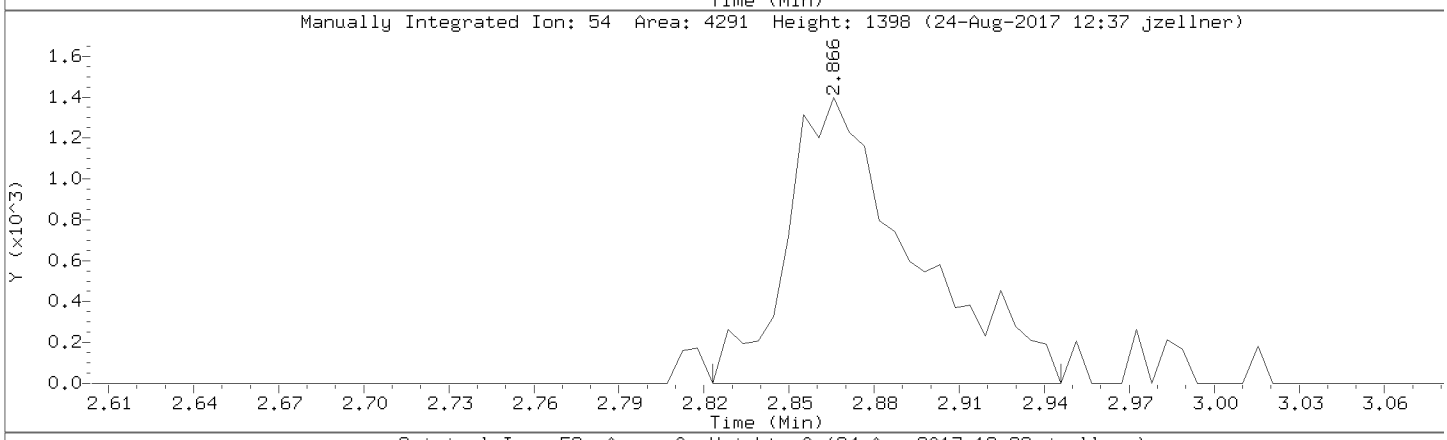
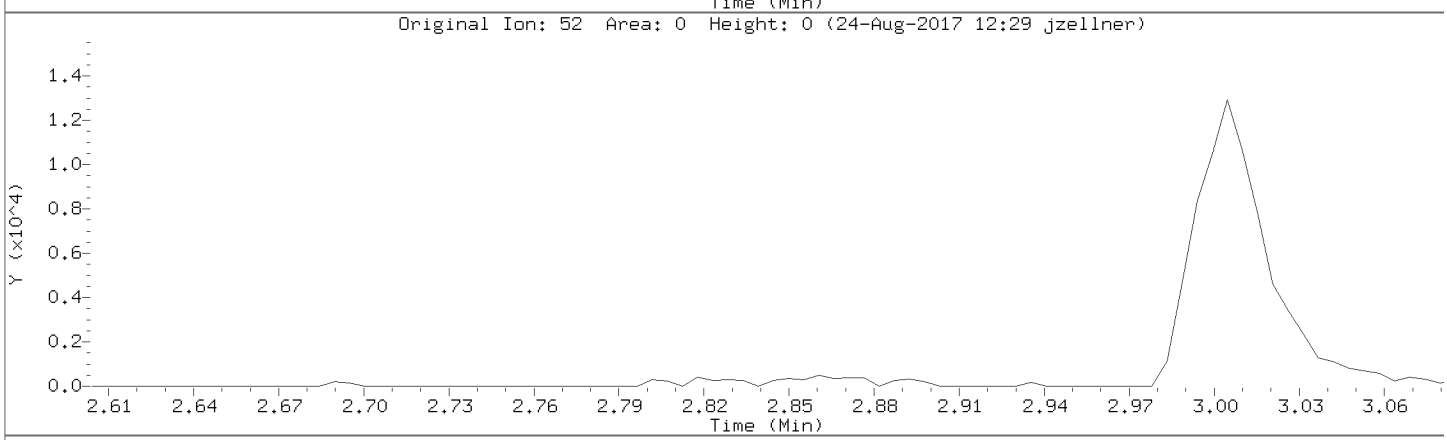
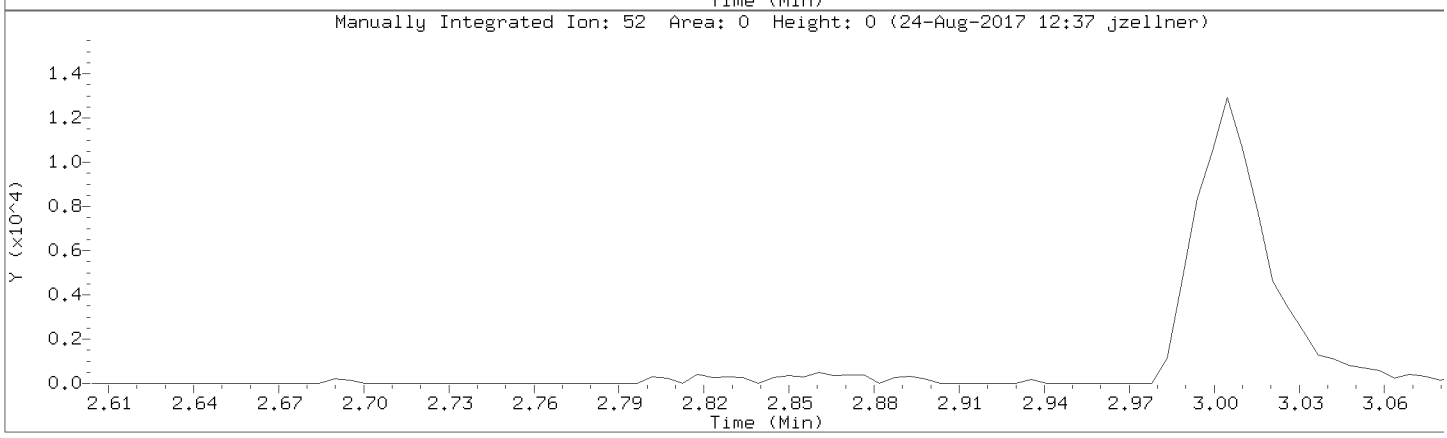
Injection Date: 23-AUG-2017 17:36
Instrument: 50mv3b.i
Lab Sample ID: 8260-ICV,156501:0

Compound: Propionitrile Review Code: NI
CAS Number: 107-12-0

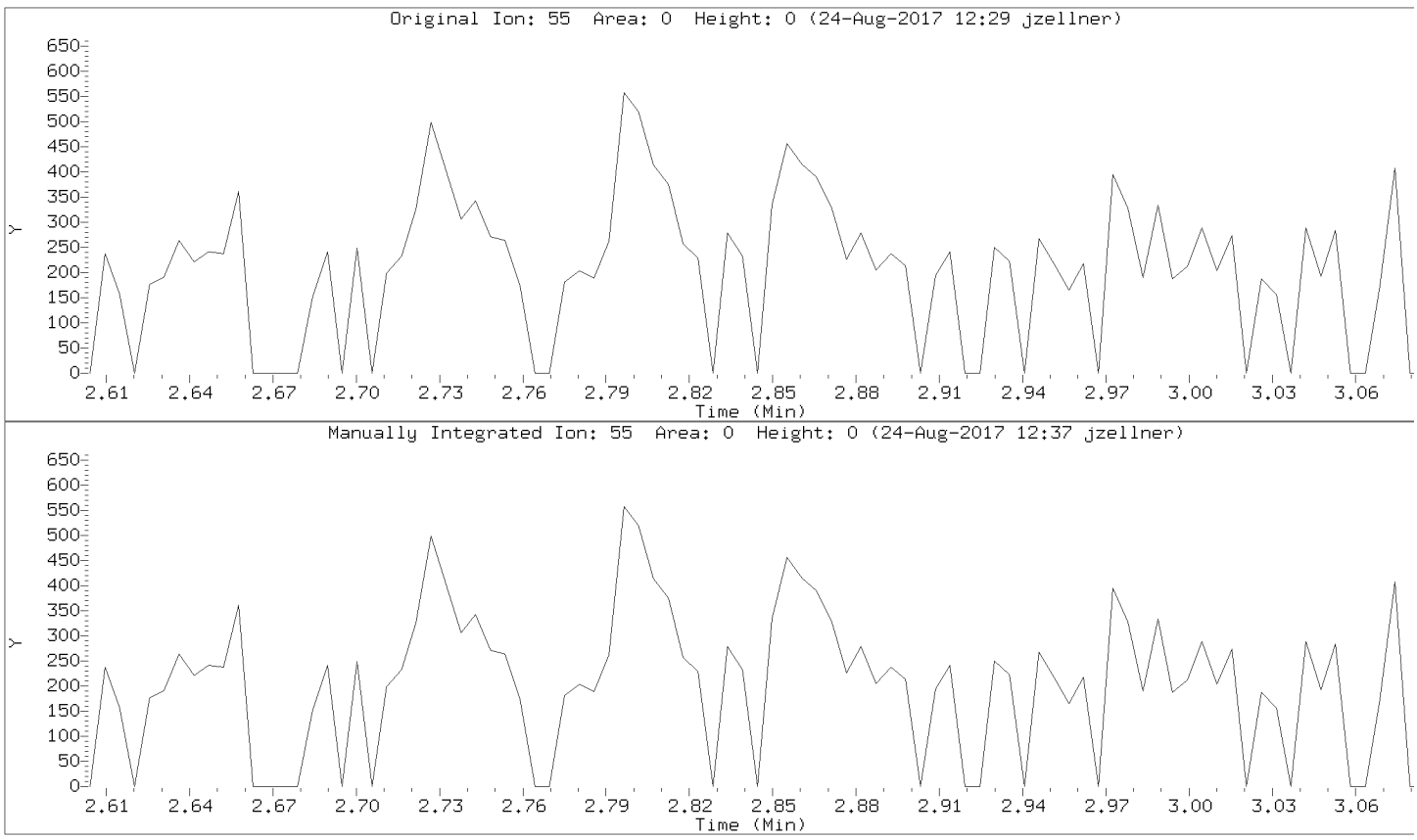








Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b/b10icv.d
Injection Date: 23-AUG-2017 17:36
Instrument: 50mv3b.i
Lab Sample ID: 8260-ICV,156501:0



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw-ccv.d
Lab Smp Id: 8260-CCV,159538:0
Inj Date : 05-OCT-2017 23:12
Operator : jlz   Inst ID: 50mv3b.i
Smp Info : 8260-ccv,159538:0
Misc Info : 105904
Comment   :
Method   : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i   Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33   Cal File: b08cal.d
Als bottle: 52   Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE   Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1	Dichlorodifluoromethane	85	0.917	0.916	(0.221)	118556	50.0000	52.7	
2	Chloromethane	50	0.998	0.996	(0.240)	112827	50.0000	41.2	
3	Vinyl Chloride	62	1.046	1.044	(0.251)	123476	50.0000	44.2	
4	Bromomethane	94	1.190	1.189	(0.286)	58460	50.0000	48.1	
5	Chloroethane	64	1.238	1.237	(0.298)	68536	50.0000	39.5	
6	Trichlorofluoromethane	101	1.350	1.349	(0.325)	149796	50.0000	48.6	
7	Diethyl ether	74	1.473	1.472	(0.354)	39654	50.0000	47.0	
8	1,2-dichlorotrifluoroethane	67	1.489	1.488	(0.358)	101378	50.0000	37.3	
9	Acrolein	56	1.542	1.541	(0.371)	185658	1000.00	1260	
10	1,1,2trichlorotrifluoroethane	101	1.596	1.600	(0.384)	97405	50.0000	44.0	
11	1,1-Dichloroethene	96	1.601	1.600	(0.385)	78105	50.0000	44.2	
12	Acetone	43	1.612	1.611	(0.388)	50096	250.000	187	
13	Iodomethane	142	1.687	1.685	(0.406)	206882	100.000	104	
14	Carbon Disulfide	76	1.735	1.733	(0.417)	267528	50.0000	42.1	
15	Methyl Acetate	43	1.777	1.782	(0.427)	60000	50.0000	84.7	
16	allyl chloride	41	1.793	1.792	(0.431)	248789	100.000	90.4	
17	Acetonitrile	39	1.793	1.792	(0.431)	161456	50.0000	39.2	
18	Methylene Chloride	84	1.868	1.867	(0.449)	86916	50.0000	52.9	
19	tert-Butyl Alcohol	59	1.916	1.910	(0.461)	8290	100.000	71.2(Q)	
20	Acrylonitrile	53	2.002	2.000	(0.481)	50587	200.000	167	
21	Methyl-tert-butyl ether	73	2.028	2.027	(0.488)	159086	50.0000	41.4	
22	1,2-Dichloroethene (trans)	96	2.044	2.043	(0.492)	86051	50.0000	44.2	
23	n-Hexane	57	2.226	2.225	(0.535)	152906	50.0000	40.7	

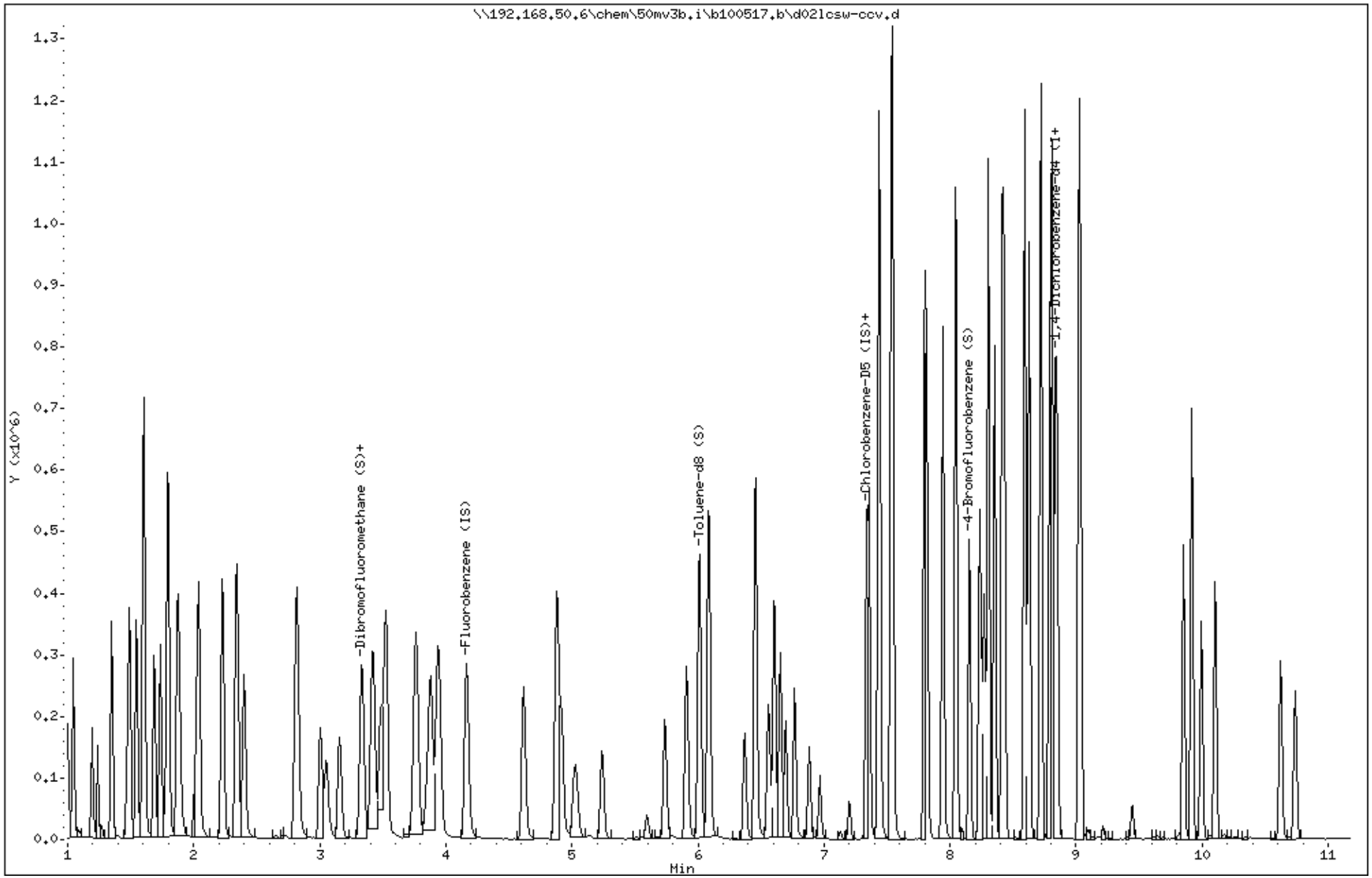
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.333	2.332	(0.561)	374749	200.000	162	
	25 1,1-Dichloroethane	63	2.343	2.342	(0.563)	142197	50.0000	41.8	
	26 Chloroprene	53	2.402	2.401	(0.578)	129278	50.0000	38.8	
	27 2-Butanone	72	2.803	2.796	(0.674)	21358	250.000	249	
	28 1,2-Dichloroethene (cis)	96	2.819	2.818	(0.678)	85720	50.0000	42.0	
	29 2,2-Dichloropropane	77	2.824	2.823	(0.679)	111348	50.0000	35.4	
	31 Methacrylonitrile	41	3.000	3.005	(0.721)	98017	50.0000	183	
	32 Bromochloromethane	49	3.049	3.047	(0.733)	50342	50.0000	41.8	
	33 Tetrahydrofuran	42	3.075	3.069	(0.739)	8974	50.0000	33.4	
	34 Chloroform	83	3.155	3.160	(0.759)	134375	50.0000	41.1	
$	35 Dibromofluoromethane (S)	113	3.332	3.330	(0.801)	65220	50.0000	45.3	
	36 1,1,1-Trichloroethane	97	3.332	3.330	(0.801)	132844	50.0000	40.3	
	37 Cyclohexane	56	3.417	3.416	(0.822)	163276	50.0000	39.4	
	151 n-Butyl chloride	56	3.481	3.480	(0.837)	180733	50.0000	42.3	
	38 Carbon Tetrachloride	117	3.519	3.512	(0.846)	119962	50.0000	42.4	
	39 1,1-Dichloropropene	75	3.524	3.523	(0.847)	119873	50.0000	41.9	
	40 Benzene	78	3.764	3.763	(0.905)	330885	50.0000	45.4	
	41 1,2-Dichloroethane	62	3.850	3.849	(0.926)	71118	50.0000	38.2	
	42 Isobutyl alcohol	43	3.876	3.875	(0.932)	382759	50.0000	49.1	
	43 2,2,4-Trimethylpentane	57	3.940	3.939	(0.947)	378991	50.0000	44.4	
*	44 Fluorobenzene (IS)	96	4.159	4.164	(1.000)	298654	50.0000		
	45 Trichloroethene	95	4.613	4.612	(1.109)	87321	50.0000	43.4	
	46 Methylcyclohexane	55	4.880	4.879	(1.173)	134019	50.0000	41.0	
	47 1,2-Dichloropropane	63	4.913	4.917	(1.181)	72824	50.0000	42.3	
	48 Methyl methacrylate	69	5.035	5.034	(1.211)	28738	50.0000	42.2	
	49 Dibromomethane	93	5.014	5.018	(1.205)	32944	50.0000	45.0	
	50 1,4-Dioxane	88	5.025	5.024	(1.208)	8048	1000.00	838	
	51 Bromodichloromethane	83	5.238	5.237	(1.259)	93200	50.0000	43.2	
	52 2-Chloroethyl vinyl ether	63	5.596	5.595	(0.763)	16076	100.000	41.2	
	53 cis-1,3-Dichloropropene	75	5.735	5.734	(0.782)	109578	50.0000	45.6	
	54 4-Methyl-2-Pentanone	43	5.911	5.910	(0.806)	177980	250.000	219	
$	55 Toluene-d8 (S)	98	6.013	6.012	(0.819)	291243	50.0000	52.1	
	56 Toluene	91	6.088	6.081	(0.830)	370608	50.0000	46.3	
	57 trans-1,3-Dichloropropene	75	6.371	6.369	(0.868)	83654	50.0000	43.8	
	58 Ethyl Methacrylate	69	6.456	6.455	(0.880)	259537	50.0000	181	
	59 1,1,2-Trichloroethane	83	6.558	6.556	(0.894)	39534	50.0000	42.4	
	60 Tetrachloroethene	166	6.611	6.610	(0.901)	96544	50.0000	46.4	
	61 1,3-Dichloropropane	76	6.696	6.695	(0.913)	86976	50.0000	49.1	
	62 2-Hexanone	43	6.766	6.765	(0.922)	119326	250.000	226	
	63 Dibromochloromethane	129	6.883	6.882	(0.938)	63621	50.0000	49.1	
	64 1,2-Dibromoethane	107	6.964	6.962	(0.949)	48652	50.0000	48.8	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	211883	50.0000		
	66 Chlorobenzene	112	7.359	7.358	(1.003)	224497	50.0000	47.3	
	67 1,1,1,2-Tetrachloroethane	131	7.434	7.438	(1.013)	77419	50.0000	48.0	
	68 Ethylbenzene	106	7.439	7.443	(1.014)	140906	50.0000	43.5	
	69 m&p-Xylene	106	7.540	7.539	(1.028)	342676	100.000	87.4	
	70 o-Xylene	106	7.802	7.801	(1.063)	160057	50.0000	44.7	
	71 Styrene	104	7.818	7.817	(1.065)	259558	50.0000	42.8	
	72 Bromoform	173	7.936	7.934	(0.898)	33602	50.0000	43.7	
	73 Isopropylbenzene	105	8.042	8.047	(1.096)	470903	50.0000	46.4	
$	74 4-Bromofluorobenzene (S)	95	8.155	8.153	(1.111)	101742	50.0000	48.4	
	75 Bromobenzene	77	8.235	8.234	(1.122)	133874	50.0000	43.5	
	76 1,1,2,2-Tetrachloroethane	83	8.245	8.250	(0.933)	53459	50.0000	41.6	
	77 trans-1,4-Dichloro-2-butene	53	8.267	8.266	(1.127)	42639	50.0000	143	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
78	1,2,3-Trichloropropane	110	8.277	8.276	(0.937)	17819	50.0000	47.4	
79	n-Propylbenzene	91	8.304	8.303	(0.940)	527173	50.0000	42.4	
80	2-Chlorotoluene	91	8.352	8.351	(0.946)	285570	50.0000	40.6	
81	1,3,5-Trimethylbenzene	105	8.411	8.415	(0.952)	365647	50.0000	42.1	
82	4-Chlorotoluene	126	8.427	8.426	(0.954)	98460	50.0000	43.4	
83	tert-Butylbenzene	119	8.593	8.591	(0.973)	361623	50.0000	35.9	
84	1,2,4-Trimethylbenzene	105	8.630	8.629	(0.977)	371479	50.0000	42.1	
85	sec-Butylbenzene	105	8.721	8.720	(0.987)	544526	50.0000	43.9	
86	1,3-Dichlorobenzene	146	8.790	8.789	(0.995)	187587	50.0000	44.1	
87	p-Isopropyltoluene	119	8.806	8.805	(0.997)	425583	50.0000	42.3	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.832	(1.000)	113635	50.0000		
89	1,4-Dichlorobenzene	146	8.844	8.848	(1.001)	184182	50.0000	42.4	
90	n-Butylbenzene	91	9.025	9.024	(1.022)	366619	50.0000	39.2	
91	1,2-Dichlorobenzene	146	9.036	9.040	(1.023)	166316	50.0000	46.0	
92	1,2-Dibromo-3-chloropropane	155	9.447	9.446	(1.070)	8917	50.0000	44.7	
93	1,2,4-Trichlorobenzene	180	9.853	9.852	(1.115)	111240	50.0000	40.8	
94	Hexachlorobutadiene	225	9.917	9.916	(1.123)	93897	50.0000	46.1	
95	Naphthalene	128	9.992	9.991	(1.131)	208608	50.0000	45.0	
96	1,2,3-Trichlorobenzene	180	10.104	10.108	(1.144)	100722	50.0000	44.3	
97	2,methyl-naphthalene	142	10.622	10.621	(1.203)	124962	50.0000	47.2	
98	1-Methylnaphthalene	142	10.734	10.738	(1.215)	106337	50.0000	51.8	
99	Isopropyl Acetate	61	3.876	3.875	(0.932)	72227	250.000	232	
100	Ethyl Acetate	88	2.824	2.824	(0.679)	1004	500.000	35.3	
101	n-amyl Acetate	70	7.946	7.945	(1.910)	116409	50.0000	34.2	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw-ccv.d
Date : 05-OCT-2017 23:12
Client ID:
Instrument: 50mv3b.i
Sample Info: 8260-CCV,159538:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d02lcsw-ccv.d
Injection Date: 05-OCT-2017 23:12
Instrument: 50mv3b.i
Lab Sample ID: 8260-CCV,159538:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b01ccv.d
Lab Smp Id: 8260-CCV,160056:0 Client Smp ID: 8260-CCV
Inj Date : 10-OCT-2017 11:54
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 8260-ccv,160056:0
Misc Info : 105904
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	REVIEW C
1 Dichlorodifluoromethane	85	0.920	0.920	(0.221)	94934	50.0000	42.2	
2 Chloromethane	50	1.000	1.000	(0.240)	102805	50.0000	37.6	
3 Vinyl Chloride	62	1.048	1.048	(0.252)	111905	50.0000	40.2	
4 Bromomethane	94	1.192	1.192	(0.286)	37054	50.0000	30.5	
5 Chloroethane	64	1.235	1.235	(0.297)	67392	50.0000	38.9	
6 Trichlorofluoromethane	101	1.352	1.352	(0.325)	136011	50.0000	44.2	
7 Diethyl ether	74	1.475	1.475	(0.355)	37890	50.0000	45.0	
8 1,2-dichlorotrifluoroethane	67	1.491	1.491	(0.358)	106349	50.0000	39.2	
9 Acrolein	56	1.545	1.545	(0.371)	143106	1000.00	975	
10 1,1,2trichlorotrifluoroethane	101	1.598	1.598	(0.384)	98170	50.0000	44.4	
11 1,1-Dichloroethene	96	1.603	1.603	(0.385)	83461	50.0000	47.3	
12 Acetone	43	1.609	1.609	(0.387)	52316	250.000	196	
13 Iodomethane	142	1.689	1.689	(0.406)	137798	100.000	69.1	
14 Carbon Disulfide	76	1.737	1.737	(0.417)	283329	50.0000	44.6	
15 Methyl Acetate	43	1.780	1.780	(0.428)	34648	50.0000	50.2	
16 allyl chloride	41	1.796	1.796	(0.432)	241814	100.000	88.0	
17 Acetonitrile	39	1.796	1.796	(0.432)	157711	50.0000	38.4	
18 Methylene Chloride	84	1.870	1.870	(0.449)	88566	50.0000	54.1	
19 tert-Butyl Alcohol	59	1.913	1.913	(0.460)	9855	100.000	87.1(Q)	
20 Acrylonitrile	53	2.004	2.004	(0.482)	60433	200.000	199	
21 Methyl-tert-butyl ether	73	2.031	2.031	(0.488)	173722	50.0000	45.3	
22 1,2-Dichloroethene (trans)	96	2.041	2.041	(0.491)	91563	50.0000	47.1	
23 n-Hexane	57	2.228	2.228	(0.535)	157698	50.0000	42.0	

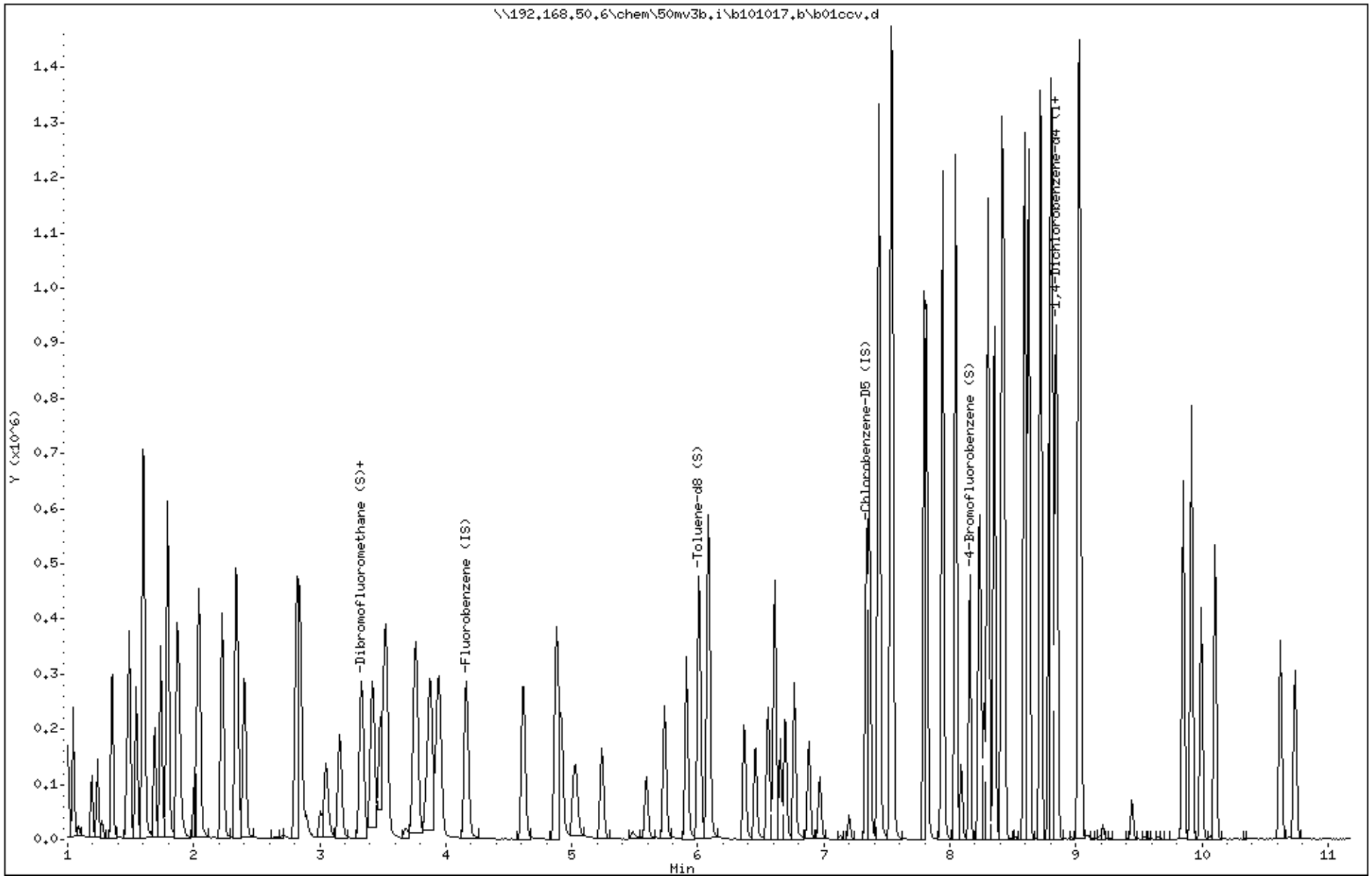
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
	24 Vinyl Acetate	43	2.335	2.335	(0.561)	411232	200.000	178	
	25 1,1-Dichloroethane	63	2.346	2.346	(0.564)	150118	50.0000	44.2	
	26 Chloroprene	53	2.399	2.399	(0.577)	140938	50.0000	42.4	
	27 2-Butanone	72	2.805	2.805	(0.674)	25140	250.000	293(Q)	
	28 1,2-Dichloroethene (cis)	96	2.816	2.816	(0.677)	98220	50.0000	48.1(Q)	
	29 2,2-Dichloropropane	77	2.821	2.821	(0.678)	124918	50.0000	39.7	
	30 Propionitrile	54	2.853	2.853	(0.686)	5150	50.0000	45.6(Q)	
	31 Methacrylonitrile	41	3.008	3.008	(0.723)	23151	50.0000	41.1	
	32 Bromochloromethane	49	3.051	3.051	(0.733)	55792	50.0000	46.4	
	33 Tetrahydrofuran	42	3.077	3.077	(0.739)	13982	50.0000	54.4	
	34 Chloroform	83	3.158	3.158	(0.759)	149182	50.0000	45.7	
$	35 Dibromofluoromethane (S)	113	3.334	3.334	(0.801)	66618	50.0000	46.4	
	36 1,1,1-Trichloroethane	97	3.334	3.334	(0.801)	137294	50.0000	41.7	
	37 Cyclohexane	56	3.419	3.419	(0.822)	150114	50.0000	36.2	
	151 n-Butyl chloride	56	3.478	3.478	(0.836)	186172	50.0000	43.6	
	38 Carbon Tetrachloride	117	3.515	3.515	(0.845)	125713	50.0000	44.5	
	39 1,1-Dichloropropene	75	3.526	3.526	(0.847)	127086	50.0000	44.5	
	40 Benzene	78	3.761	3.761	(0.904)	351742	50.0000	48.3	
	41 1,2-Dichloroethane	62	3.847	3.847	(0.924)	80617	50.0000	43.4	
	42 Isobutyl alcohol	43	3.879	3.879	(0.932)	404268	50.0000	51.9	
	43 2,2,4-Trimethylpentane	57	3.943	3.943	(0.947)	362680	50.0000	42.5	
*	44 Fluorobenzene (IS)	96	4.162	4.162	(1.000)	298254	50.0000		
	45 Trichloroethene	95	4.610	4.610	(1.108)	97577	50.0000	48.6	
	46 Methylcyclohexane	55	4.877	4.877	(1.172)	128980	50.0000	39.6	
	47 1,2-Dichloropropane	63	4.915	4.915	(1.181)	83842	50.0000	48.8	
	48 Methyl methacrylate	69	5.032	5.032	(1.209)	34599	50.0000	50.9	
	49 Dibromomethane	93	5.016	5.016	(1.205)	37311	50.0000	51.0	
	50 1,4-Dioxane	88	5.027	5.027	(1.208)	8907	1000.00	929	
	51 Bromodichloromethane	83	5.241	5.241	(1.259)	106820	50.0000	49.6	
	52 2-Chloroethyl vinyl ether	63	5.593	5.593	(0.763)	46652	100.000	114	
	53 cis-1,3-Dichloropropene	75	5.737	5.737	(0.782)	127388	50.0000	50.3	
	54 4-Methyl-2-Pentanone	43	5.908	5.908	(0.806)	205994	250.000	240	
$	55 Toluene-d8 (S)	98	6.010	6.010	(0.819)	296372	50.0000	50.3	
	56 Toluene	91	6.084	6.084	(0.830)	415143	50.0000	49.2	
	57 trans-1,3-Dichloropropene	75	6.368	6.368	(0.868)	100989	50.0000	50.2	
	58 Ethyl Methacrylate	69	6.458	6.458	(0.881)	74962	50.0000	49.7	
	59 1,1,2-Trichloroethane	83	6.554	6.554	(0.894)	48101	50.0000	49.0	
	60 Tetrachloroethene	166	6.608	6.608	(0.901)	119908	50.0000	54.7	
	61 1,3-Dichloropropane	76	6.693	6.693	(0.913)	102604	50.0000	55.0	
	62 2-Hexanone	43	6.768	6.768	(0.923)	138257	250.000	249	
	63 Dibromochloromethane	129	6.880	6.880	(0.938)	76077	50.0000	55.7	
	64 1,2-Dibromoethane	107	6.966	6.966	(0.950)	56579	50.0000	53.9	
*	65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	223267	50.0000		
	66 Chlorobenzene	112	7.356	7.356	(1.003)	267414	50.0000	53.4	
	67 1,1,1,2-Tetrachloroethane	131	7.436	7.436	(1.014)	90628	50.0000	53.4	
	68 Ethylbenzene	106	7.441	7.441	(1.015)	165797	50.0000	48.6	
	69 m&p-Xylene	106	7.537	7.537	(1.028)	396855	100.000	96.1	
	70 o-Xylene	106	7.799	7.799	(1.063)	184859	50.0000	49.0	
	71 Styrene	104	7.815	7.815	(1.066)	304969	50.0000	47.7	
	72 Bromoform	173	7.932	7.932	(0.898)	44872	50.0000	55.0	
	73 Isopropylbenzene	105	8.045	8.045	(1.097)	538241	50.0000	50.4	
$	74 4-Bromofluorobenzene (S)	95	8.157	8.157	(1.112)	104678	50.0000	47.3	
	75 Bromobenzene	77	8.232	8.232	(1.122)	155589	50.0000	48.0	
	76 1,1,2,2-Tetrachloroethane	83	8.248	8.248	(0.934)	67618	50.0000	49.6	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)	REVIEW C
77	trans-1,4-Dichloro-2-butene	53	8.269	8.269	(1.127)	14083	50.0000	44.8(Q)	
78	1,2,3-Trichloropropane	110	8.274	8.274	(0.937)	20610	50.0000	51.7(Q)	
79	n-Propylbenzene	91	8.301	8.301	(0.940)	614501	50.0000	46.6	
80	2-Chlorotoluene	91	8.354	8.354	(0.946)	341891	50.0000	45.8	
81	1,3,5-Trimethylbenzene	105	8.413	8.413	(0.952)	430100	50.0000	46.7	
82	4-Chlorotoluene	126	8.429	8.429	(0.954)	121798	50.0000	50.6	
83	tert-Butylbenzene	119	8.595	8.595	(0.973)	512917	50.0000	48.0	
84	1,2,4-Trimethylbenzene	105	8.627	8.627	(0.976)	435248	50.0000	46.5	
85	sec-Butylbenzene	105	8.718	8.718	(0.987)	620670	50.0000	47.1	
86	1,3-Dichlorobenzene	146	8.787	8.787	(0.995)	233423	50.0000	51.7	
87	p-Isopropyltoluene	119	8.803	8.803	(0.996)	522032	50.0000	48.9	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	120545	50.0000		
89	1,4-Dichlorobenzene	146	8.846	8.846	(1.001)	233543	50.0000	50.7	
90	n-Butylbenzene	91	9.022	9.022	(1.021)	467002	50.0000	47.0	
91	1,2-Dichlorobenzene	146	9.038	9.038	(1.023)	202251	50.0000	52.7	
92	1,2-Dibromo-3-chloropropane	155	9.444	9.444	(1.069)	10460	50.0000	49.4	
93	1,2,4-Trichlorobenzene	180	9.850	9.850	(1.115)	148670	50.0000	51.5	
94	Hexachlorobutadiene	225	9.919	9.919	(1.123)	111052	50.0000	51.4	
95	Naphthalene	128	9.994	9.994	(1.131)	260294	50.0000	52.9	
96	1,2,3-Trichlorobenzene	180	10.106	10.106	(1.144)	126682	50.0000	52.5	
97	2,methyl-naphthalene	142	10.624	10.624	(1.202)	157128	50.0000	55.9	
98	1-Methylnaphthalene	142	10.736	10.736	(1.215)	132168	50.0000	60.7	
99	Isopropyl Acetate	61	3.873	3.873	(0.931)	82852	250.000	266	
100	Ethyl Acetate	88	2.842	2.842	(0.683)	17808	500.000	627(Q)	
101	n-amyl Acetate	70	7.943	7.943	(1.909)	171915	50.0000	50.6	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b01ccv.d
Date : 10-OCT-2017 11:54
Client ID: 8260-CCV
Instrument: 50mv3b.i
Sample Info: 8260-CCV,160056:0
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b01ccv.d
Injection Date: 10-OCT-2017 11:54
Instrument: 50mv3b.i
Lab Sample ID: 8260-CCV,160056:0
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Data File: \\192.168.50.6\chem\50mv3a.i\a082317cal.b\a002bfb.d

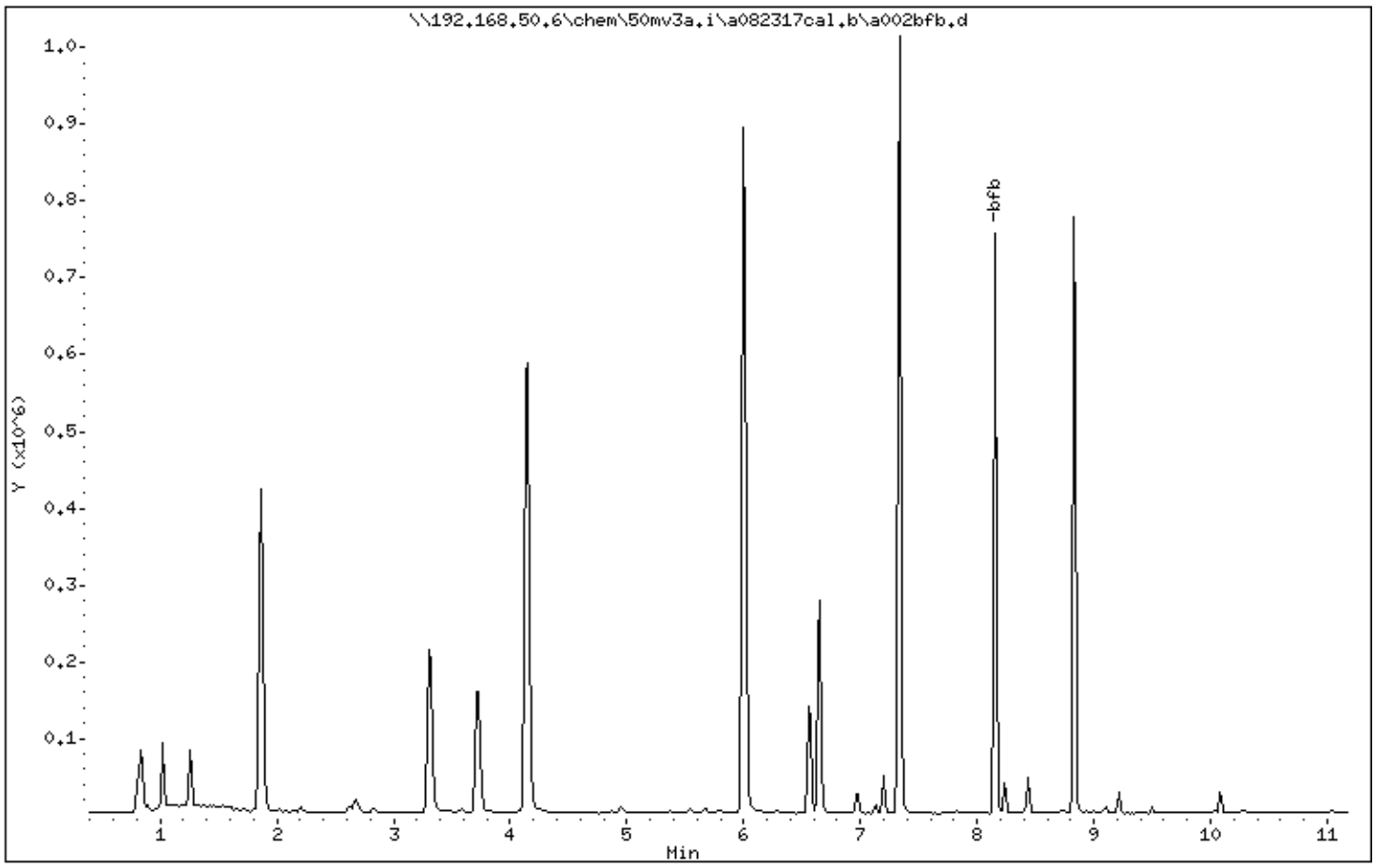
Date : 23-AUG-2017 11:50

Client ID: 8260-TUNE Instrument: 50mv3a.i

Sample Info: 8260-TUNE,156492:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00



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Date : 23-AUG-2017 11:50

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,156492:0

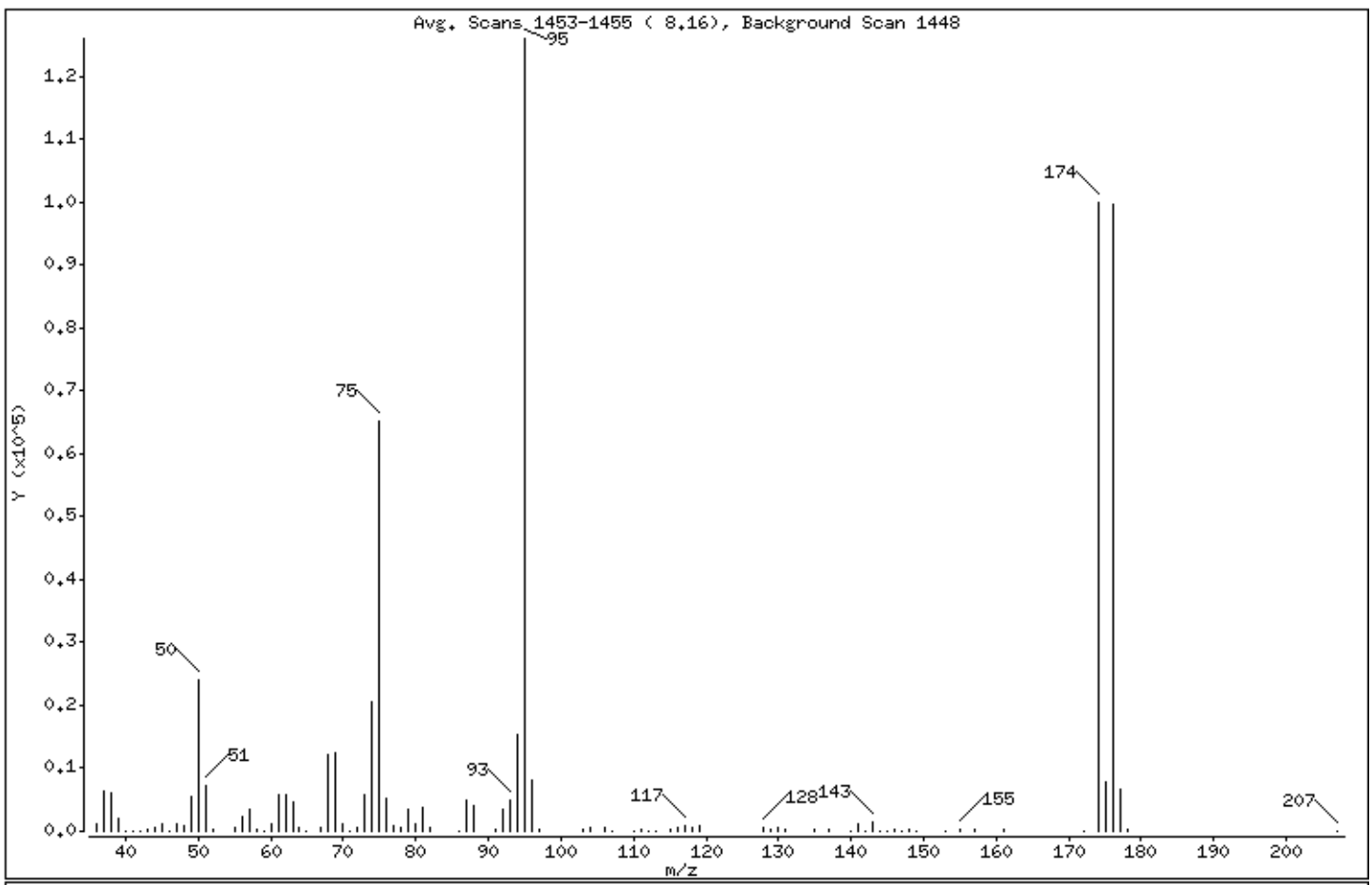
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.16
75	30.00 - 60.00% of mass 95	51.73
96	5.00 - 9.00% of mass 95	6.38
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.31
175	5.00 - 9.00% of mass 174	6.18 (7.80)
176	95.00 - 101.00% of mass 174	79.02 (99.63)
177	5.00 - 9.00% of mass 176	5.24 (6.63)

Date : 23-AUG-2017 11:50

Client ID: 8260-TUNE Instrument: 50mv3a.i

Sample Info: 8260-TUNE,156492:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00

Data File: a002bfb.d
Spectrum: Avg. Scans 1453-1455 (8.16), Background Scan 1448
Location of Maximum: 95.00
Number of points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1275	62.00	5727	92.00	3557	137.00	217
37.00	6505	63.00	4551	93.00	4951	140.00	61
38.00	6100	64.00	538	94.00	15393	141.00	1224
39.00	2020	65.00	54	95.00	125960	142.00	112
40.00	52	67.00	444	96.00	8035	143.00	1328
41.00	70	68.00	12304	97.00	385	144.00	57
42.00	50	69.00	12410	103.00	184	145.00	55
43.00	429	70.00	1076	104.00	580	146.00	199
44.00	656	71.00	51	106.00	562	147.00	122
45.00	1135	72.00	655	107.00	78	148.00	312
46.00	50	73.00	5909	110.00	59	149.00	54
47.00	1299	74.00	20568	111.00	174	153.00	85
48.00	765	75.00	65160	112.00	90	155.00	299
49.00	5484	76.00	5166	113.00	61	157.00	226
50.00	24128	77.00	827	115.00	260	161.00	203
51.00	7332	78.00	626	116.00	521	172.00	53
52.00	426	79.00	3386	117.00	969	174.00	99896
55.00	556	80.00	1029	118.00	474	175.00	7789
56.00	2396	81.00	3627	119.00	736	176.00	99528
57.00	3331	82.00	699	128.00	491	177.00	6596
58.00	237	86.00	113	129.00	198	178.00	200
59.00	84	87.00	4838	130.00	488	207.00	131
60.00	1146	88.00	4013	131.00	237		
61.00	5761	91.00	182	135.00	177		

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c00bfb.d

Date : 05-OCT-2017 21:53

Client ID: 8260-TUNE

Instrument: 50mv3a.i

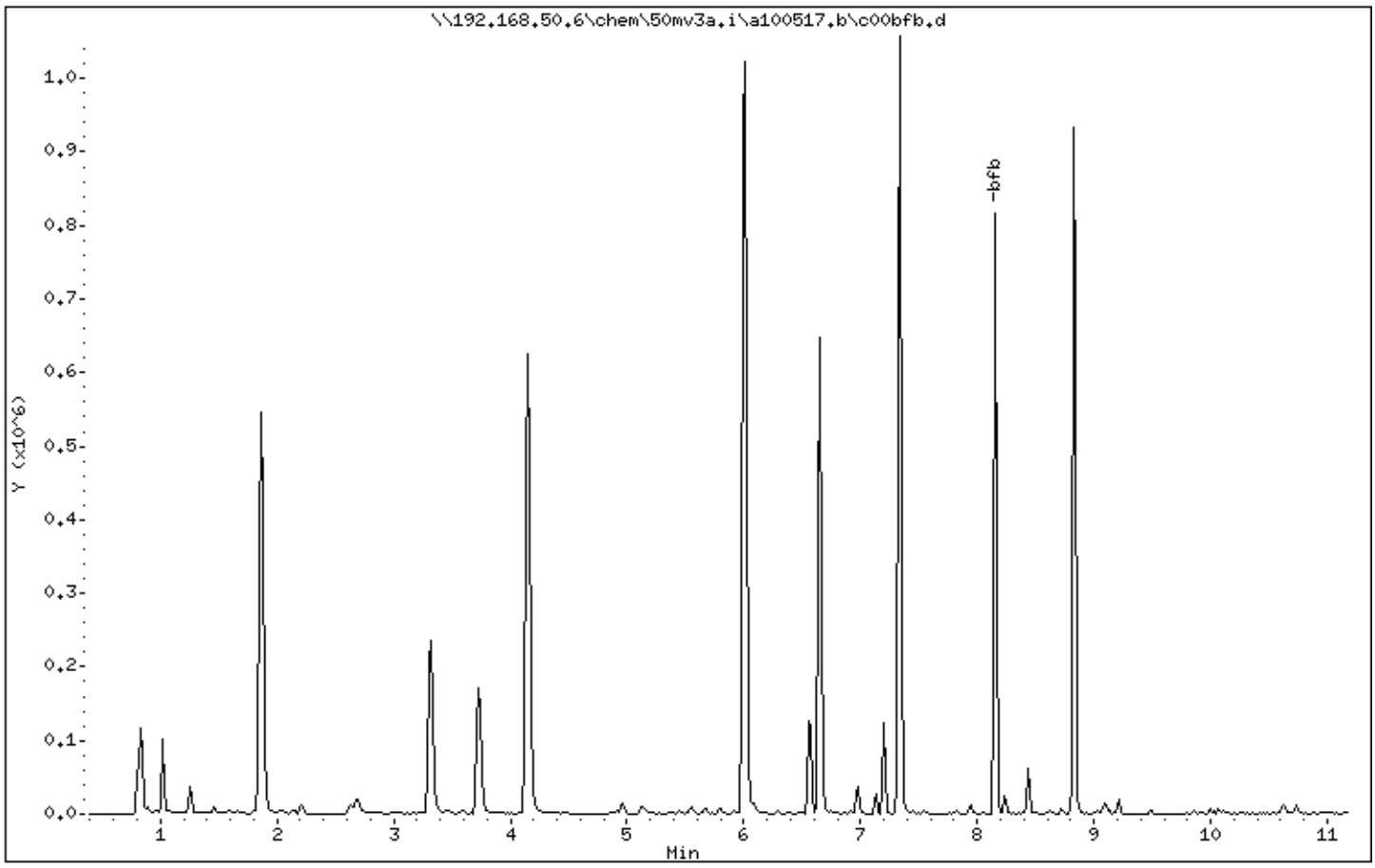
Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c00bfb.d

Date : 05-OCT-2017 21:53

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

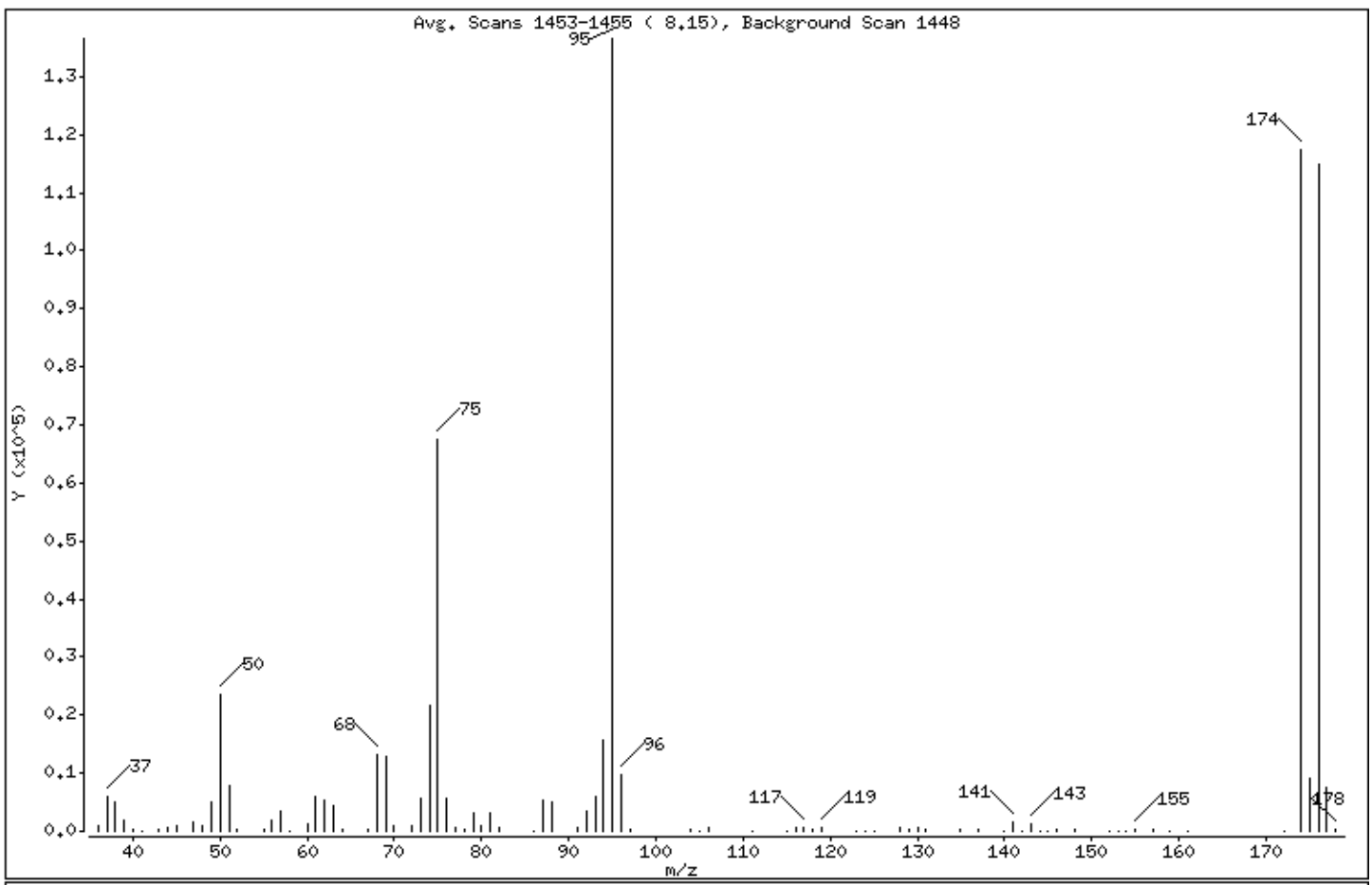
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.13
75	30.00 - 60.00% of mass 95	49.35
96	5.00 - 9.00% of mass 95	7.08
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	86.05
175	5.00 - 9.00% of mass 174	6.70 (7.78)
176	95.00 - 101.00% of mass 174	84.03 (97.64)
177	5.00 - 9.00% of mass 176	5.51 (6.56)

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c00bfb.d

Date : 05-OCT-2017 21:53

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

Data File: c00bfb.d
Spectrum: Avg. Scans 1453-1455 (8.15), Background Scan 1448
Location of Maximum: 95.00
Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1016	64.00	363	95.00	136576	142.00	139
37.00	6038	67.00	377	96.00	9673	143.00	1355
38.00	5010	68.00	13110	97.00	281	144.00	50
39.00	1947	69.00	12979	104.00	441	145.00	124
40.00	260	70.00	1077	105.00	156	146.00	308
41.00	72	72.00	820	106.00	605	148.00	454
43.00	300	73.00	5807	111.00	56	152.00	61
44.00	721	74.00	21632	115.00	80	153.00	141
45.00	946	75.00	67400	116.00	513	154.00	115
47.00	1438	76.00	5550	117.00	629	155.00	285
48.00	816	77.00	774	118.00	419	157.00	277
49.00	4909	78.00	309	119.00	689	159.00	87
50.00	23392	79.00	3216	123.00	54	161.00	98
51.00	7831	80.00	982	124.00	51	172.00	88
52.00	348	81.00	3044	125.00	61	174.00	117528
55.00	421	82.00	575	128.00	489	175.00	9148
56.00	1769	86.00	124	129.00	277	176.00	114760
57.00	3342	87.00	5197	130.00	561	177.00	7530
58.00	81	88.00	4937	131.00	211	178.00	271
60.00	1250	91.00	484	135.00	260		
61.00	5895	92.00	3536	137.00	271		
62.00	5483	93.00	5896	140.00	83		
63.00	4515	94.00	15636	141.00	1467		

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a00bfb.d

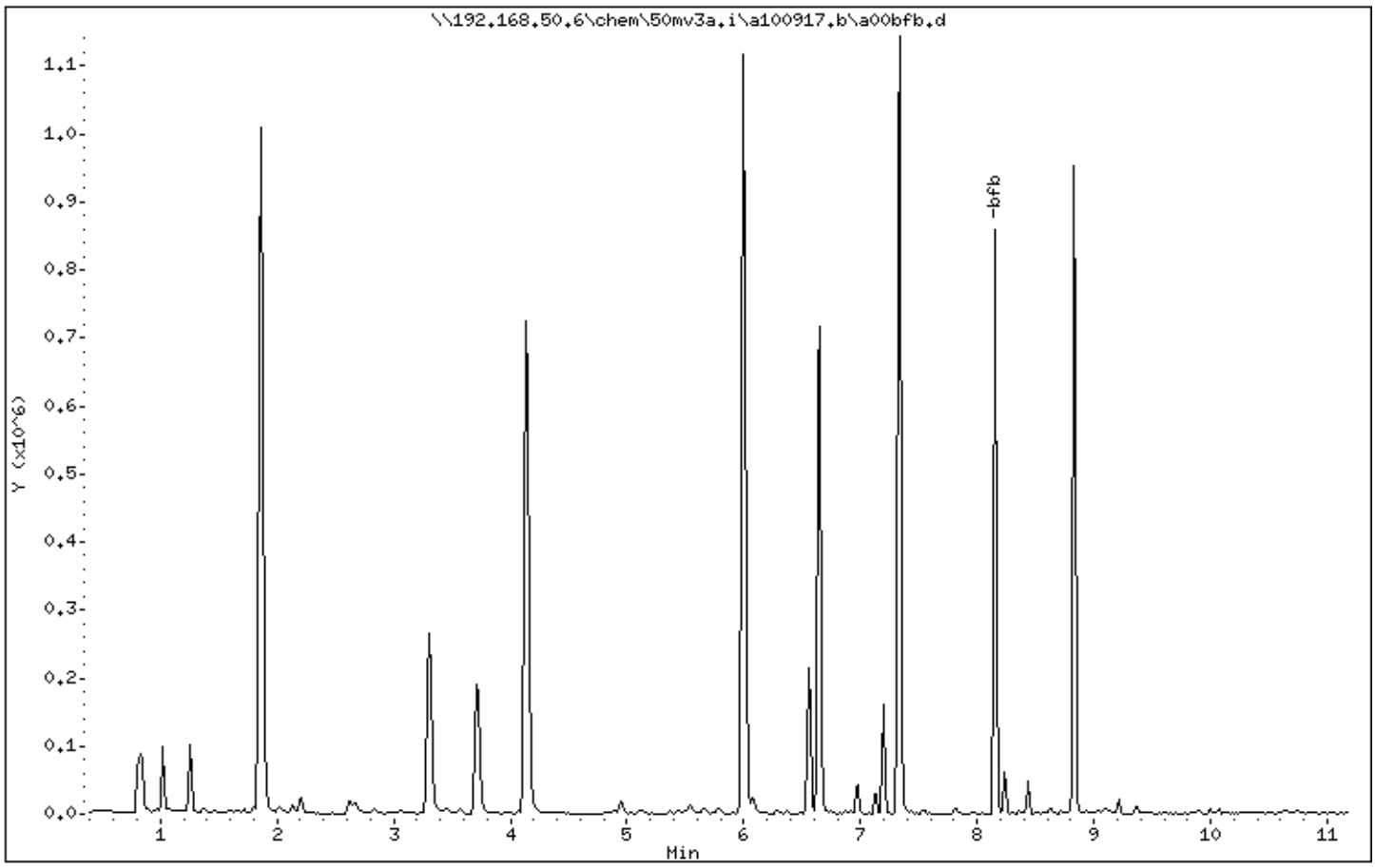
Date : 09-OCT-2017 10:16

Client ID: 8260-TUNE Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\a00bfb.d

Date : 09-OCT-2017 10:16

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

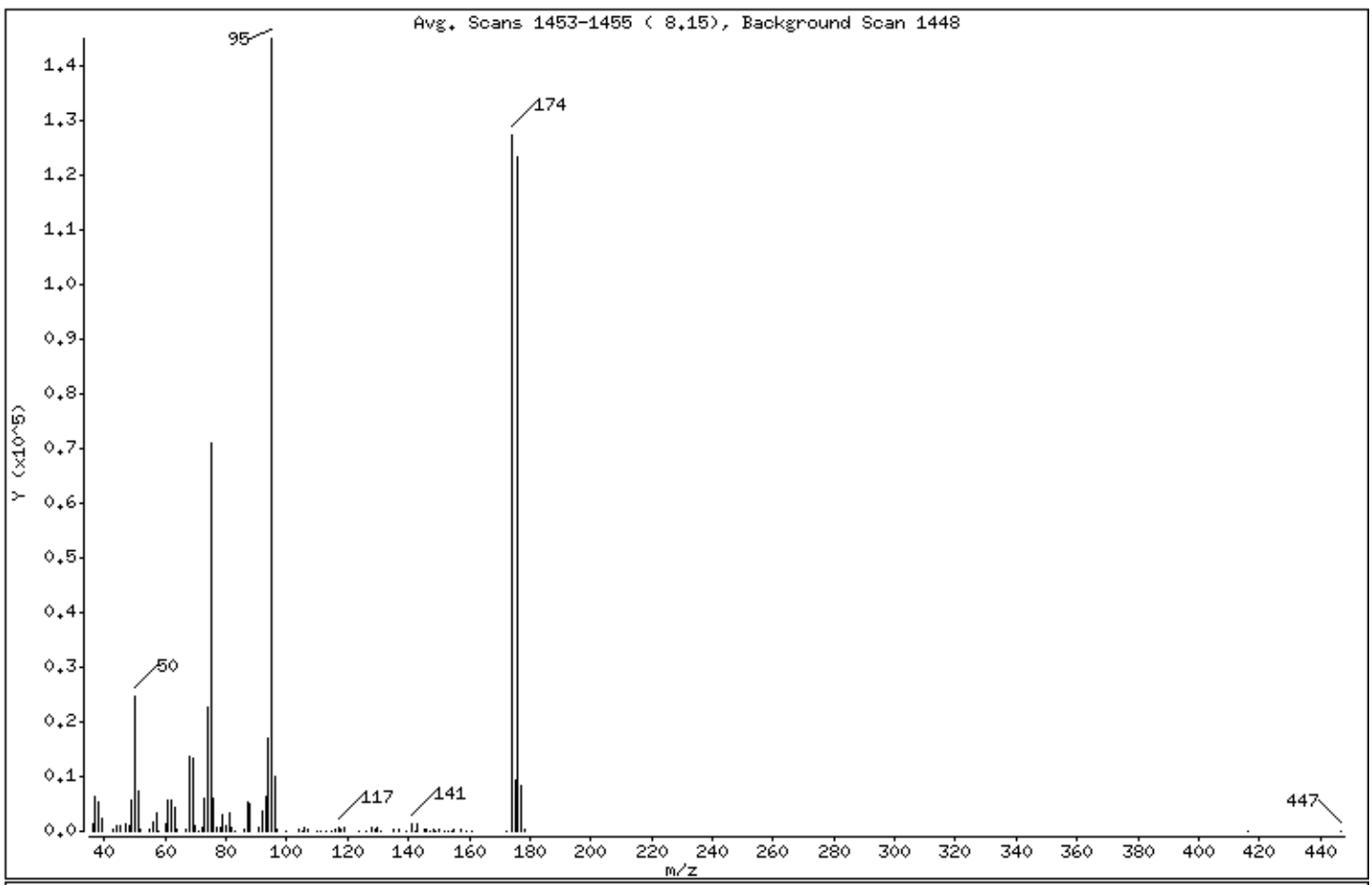
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.13
75	30.00 - 60.00% of mass 95	48.90
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.82
175	5.00 - 9.00% of mass 174	6.35 (7.23)
176	95.00 - 101.00% of mass 174	85.10 (96.90)
177	5.00 - 9.00% of mass 176	5.70 (6.70)

Date : 09-OCT-2017 10:16

Client ID: 8260-TUNE Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00

Data File: a00bfb.d
Spectrum: Avg. Scans 1453-1455 (8.15), Background Scan 1448
Location of Maximum: 95.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1232	69.00	13491	97.00	260	142.00	71
37.00	6354	70.00	961	100.00	51	143.00	1249
38.00	5190	71.00	115	104.00	486	145.00	256
39.00	2233	72.00	718	105.00	116	146.00	205
43.00	186	73.00	5838	106.00	552	147.00	73
44.00	1051	74.00	22592	107.00	168	148.00	389
45.00	959	75.00	70944	110.00	57	149.00	53
47.00	1474	76.00	6165	111.00	104	150.00	257
48.00	876	77.00	739	113.00	62	152.00	76
49.00	5563	78.00	555	115.00	61	153.00	128
50.00	24848	79.00	3099	116.00	418	154.00	137
51.00	7248	80.00	952	117.00	764	155.00	328
52.00	368	81.00	3193	118.00	456	157.00	316
55.00	365	82.00	698	119.00	692	159.00	138
56.00	1672	83.00	133	124.00	54	161.00	147
57.00	3304	86.00	186	126.00	54	172.00	154
58.00	152	87.00	5484	128.00	556	174.00	127416
60.00	1283	88.00	4899	129.00	292	175.00	9206
61.00	5612	91.00	539	130.00	649	176.00	123464
62.00	5745	92.00	3811	131.00	142	177.00	8271
63.00	4493	93.00	6334	135.00	214	178.00	240
64.00	493	94.00	16928	137.00	257	416.00	50
67.00	397	95.00	145088	139.00	72	447.00	69
68.00	13556	96.00	9895	141.00	1379		

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c00bfb.d

Date : 09-OCT-2017 22:29

Client ID: 8260-TUNE

Instrument: 50mv3a.i

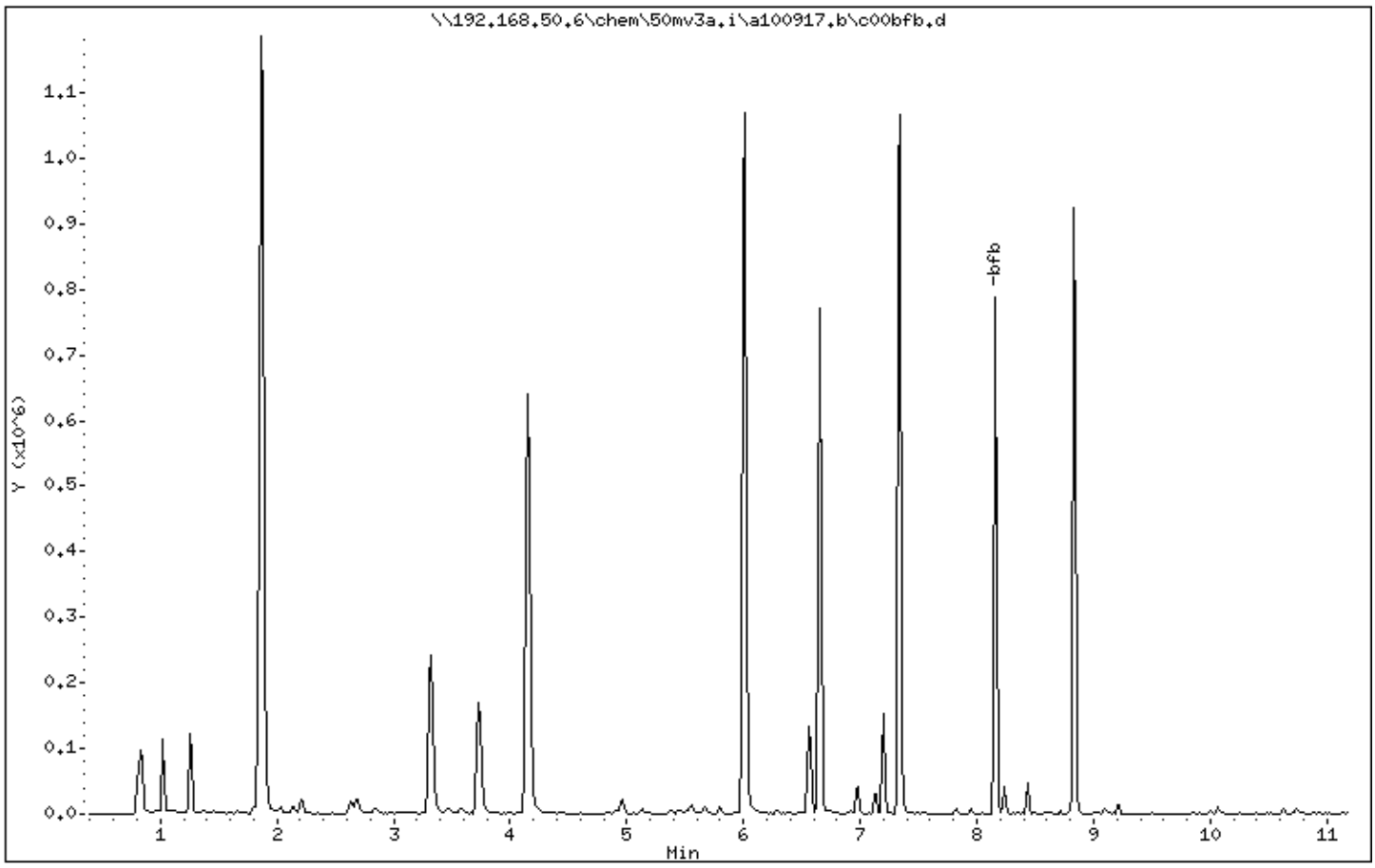
Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00



Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c00bfb.d

Date : 09-OCT-2017 22:29

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

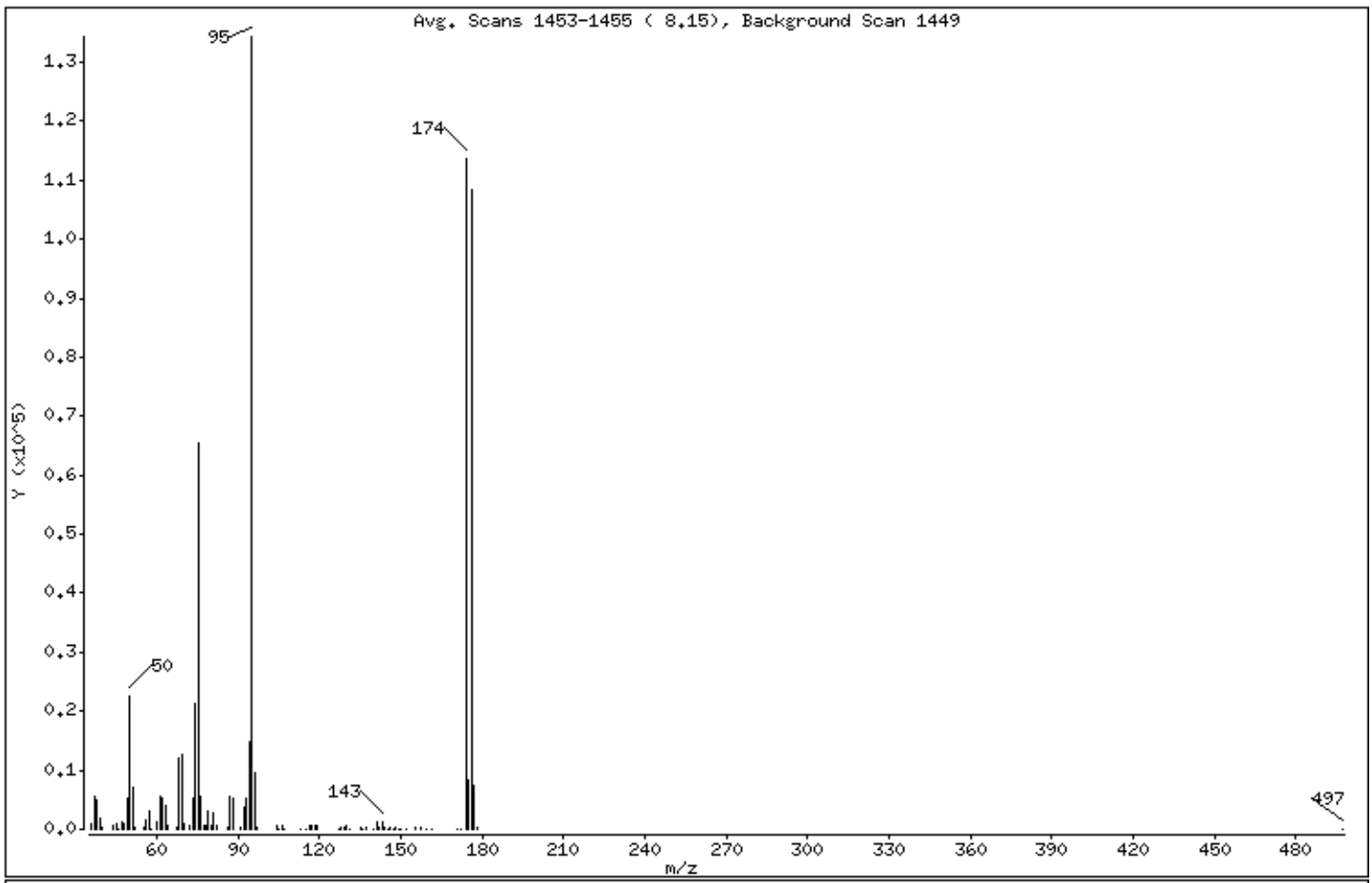
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.71
75	30.00 - 60.00% of mass 95	48.73
96	5.00 - 9.00% of mass 95	7.13
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	84.67
175	5.00 - 9.00% of mass 174	6.31 (7.45)
176	95.00 - 101.00% of mass 174	80.60 (95.19)
177	5.00 - 9.00% of mass 176	5.52 (6.85)

Data File: \\192.168.50.6\chem\50mv3a.i\a100917.b\c00bfb.d

Date : 09-OCT-2017 22:29

Client ID: 8260-TUNE

Instrument: 50mv3a.i

Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

Data File: c00bfb.d
Spectrum: Avg. Scans 1453-1455 (8.15), Background Scan 1449
Location of Maximum: 95.00
Number of points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	893	67.00	296	96.00	9572	143.00	1334
37.00	5668	68.00	12146	97.00	331	144.00	216
38.00	5003	69.00	12611	104.00	633	145.00	50
39.00	1997	70.00	992	105.00	80	146.00	221
40.00	273	72.00	575	106.00	566	147.00	70
44.00	635	73.00	5193	107.00	105	148.00	392
45.00	874	74.00	21400	113.00	66	149.00	101
46.00	83	75.00	65456	115.00	81	150.00	82
47.00	1300	76.00	5532	116.00	549	152.00	113
48.00	811	77.00	761	117.00	697	155.00	350
49.00	5193	78.00	508	118.00	482	157.00	289
50.00	22448	79.00	3003	119.00	687	159.00	141
51.00	7185	80.00	716	127.00	60	161.00	142
52.00	204	81.00	2880	128.00	414	171.00	56
55.00	279	82.00	672	129.00	163	172.00	58
56.00	1657	86.00	235	130.00	614	174.00	113744
57.00	3150	87.00	5424	131.00	110	175.00	8475
58.00	81	88.00	5145	135.00	272	176.00	108272
60.00	1170	91.00	422	136.00	51	177.00	7420
61.00	5615	92.00	3572	137.00	215	178.00	166
62.00	5367	93.00	5209	140.00	88	497.00	50
63.00	4013	94.00	14716	141.00	1287		
64.00	481	95.00	134336	142.00	214		

Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b002bfb.d

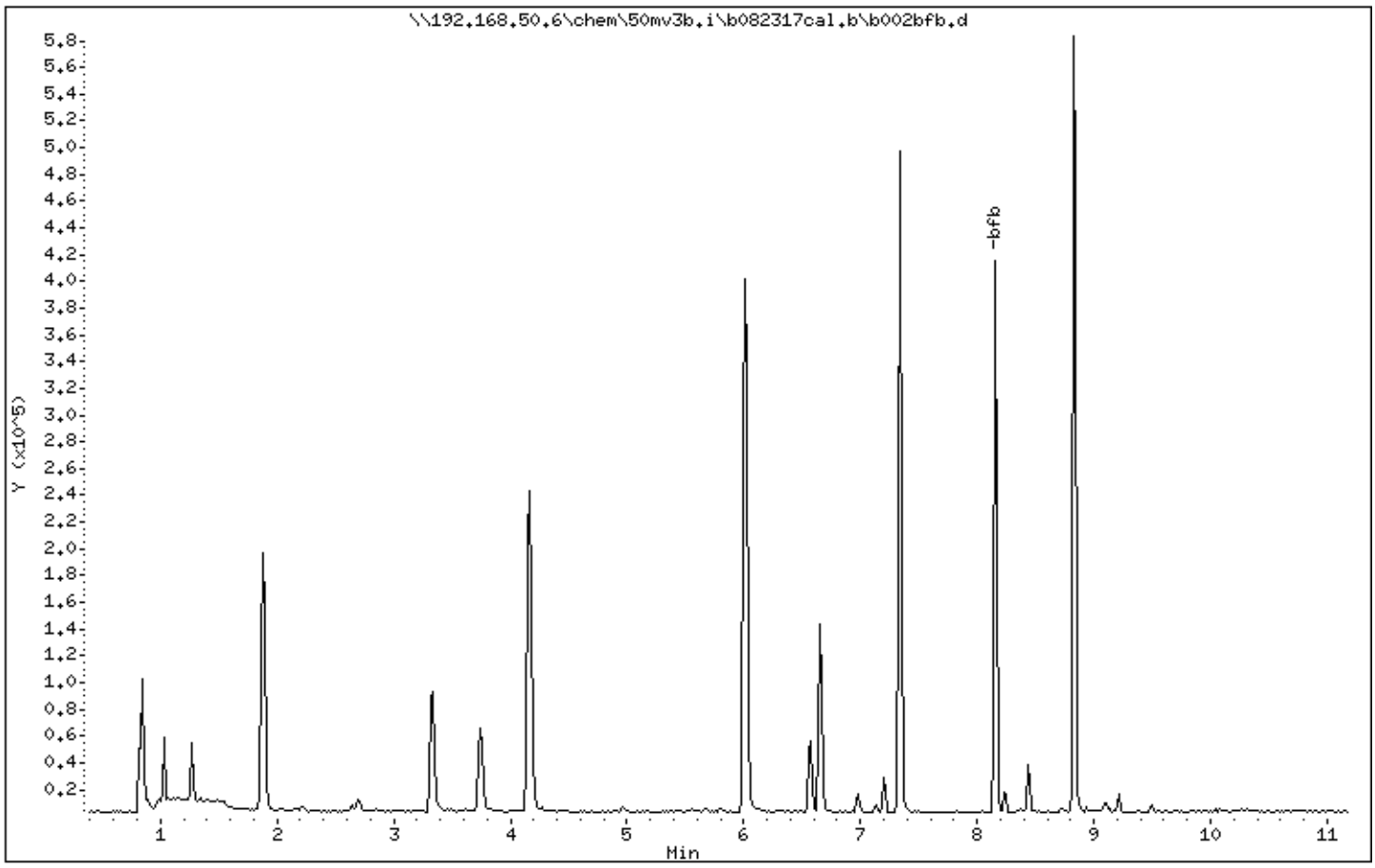
Date : 23-AUG-2017 12:06

Client ID: 8260-TUNE Instrument: 50mv3b.i

Sample Info: 8260-TUNE,156492:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00



Data File: \\192.168.50.6\chem\50mv3b.i\b082317cal.b\b002bfb.d

Date : 23-AUG-2017 12:06

Client ID: 8260-TUNE

Instrument: 50mv3b.i

Sample Info: 8260-TUNE,156492:0

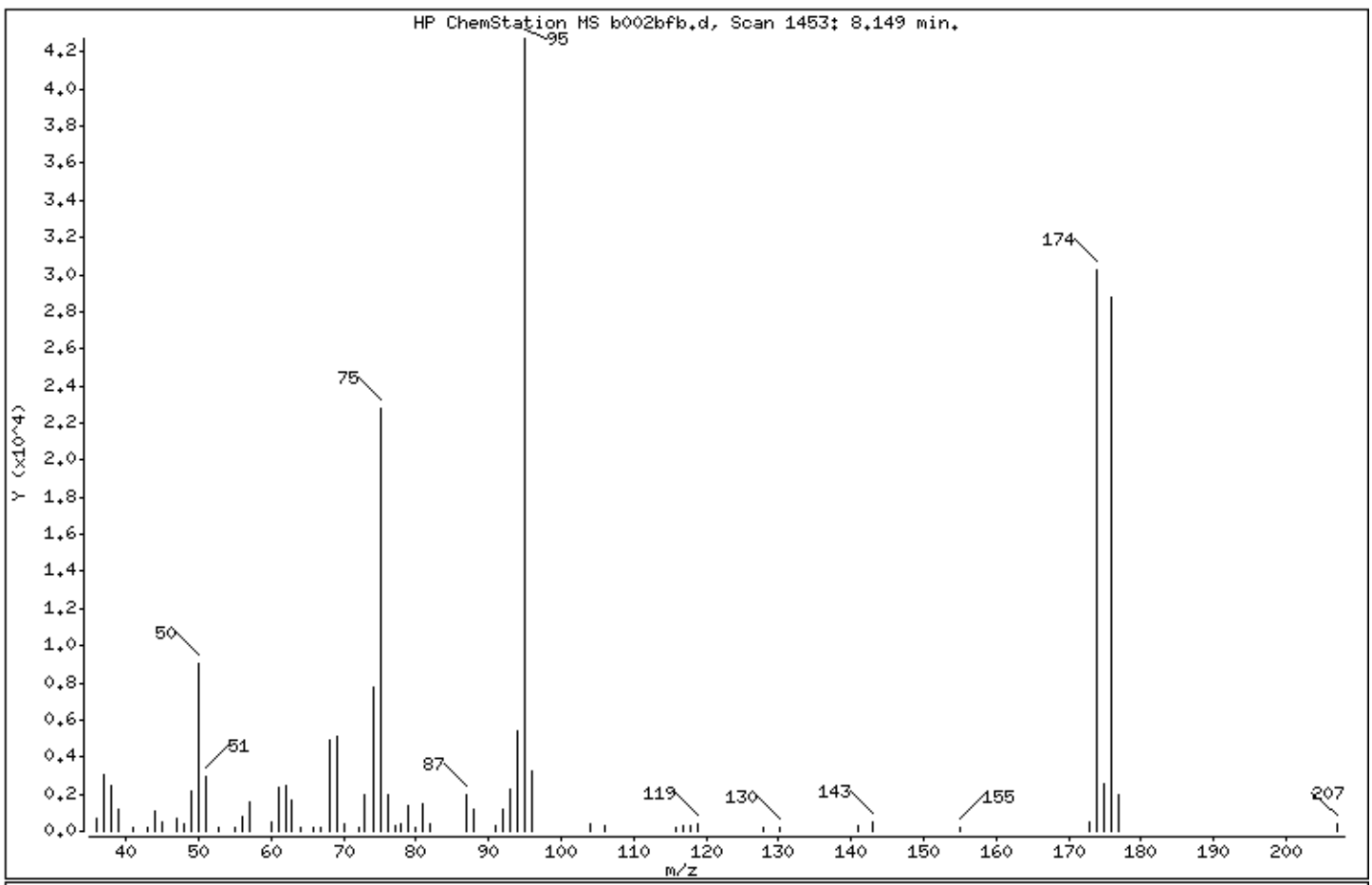
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.11
75	30.00 - 60.00% of mass 95	53.41
96	5.00 - 9.00% of mass 95	7.57
173	Less than 2.00% of mass 174	1.18 (1.67)
174	50.00 - 100.00% of mass 95	70.77
175	5.00 - 9.00% of mass 174	5.98 (8.45)
176	95.00 - 101.00% of mass 174	67.38 (95.21)
177	5.00 - 9.00% of mass 176	4.65 (6.90)

Date : 23-AUG-2017 12:06

Client ID: 8260-TUNE Instrument: 50mv3b.i

Sample Info: 8260-TUNE,156492:0

Volume Injected (uL): 1.0 Operator: jlz

Column phase: Column diameter: 2.00

Data File: b002bfb.d
Spectrum: HP ChemStation MS b002bfb.d, Scan 1453: 8.149 min.
Location of Maximum: 95.05
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.95	662	57.05	1594	77.05	278	115.85	165
37.05	2999	59.95	514	77.95	402	116.95	278
38.05	2488	61.05	2329	78.95	1404	117.75	270
39.05	1177	62.05	2466	79.95	230	118.85	362
41.05	229	62.95	1688	80.95	1468	127.95	160
43.05	157	64.05	225	81.85	378	130.05	209
44.05	1127	65.85	172	86.95	1971	140.95	277
45.05	487	66.95	189	88.05	1173	142.95	480
47.05	724	68.05	4956	90.95	293	155.05	173
47.95	401	69.05	5063	91.95	1181	172.85	505
49.05	2146	70.05	410	93.05	2265	173.95	30232
50.05	9020	72.05	177	94.05	5408	174.95	2556
51.05	2953	72.95	1962	95.05	42720	175.95	28784
52.85	159	74.05	7727	96.05	3236	176.95	1985
55.15	224	75.05	22816	103.95	366	207.05	411
56.05	826	76.05	2008	105.95	307		

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d00bfb.d

Date : 05-OCT-2017 22:08

Client ID: 8260-TUNE

Instrument: 50mv3b.i

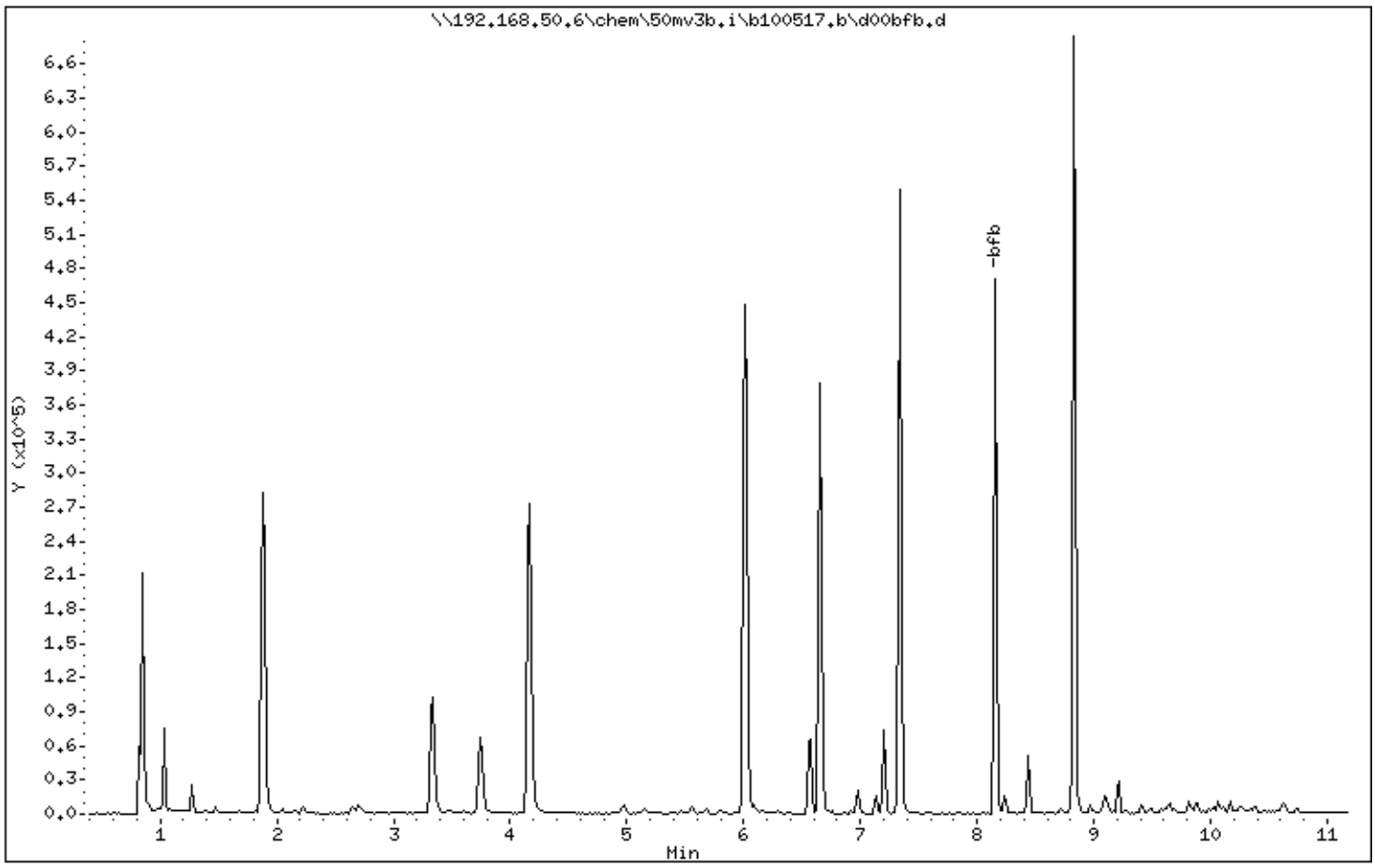
Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d00bfb.d

Date : 05-OCT-2017 22:08

Client ID: 8260-TUNE

Instrument: 50mv3b.i

Sample Info: 8260-TUNE,158236:0

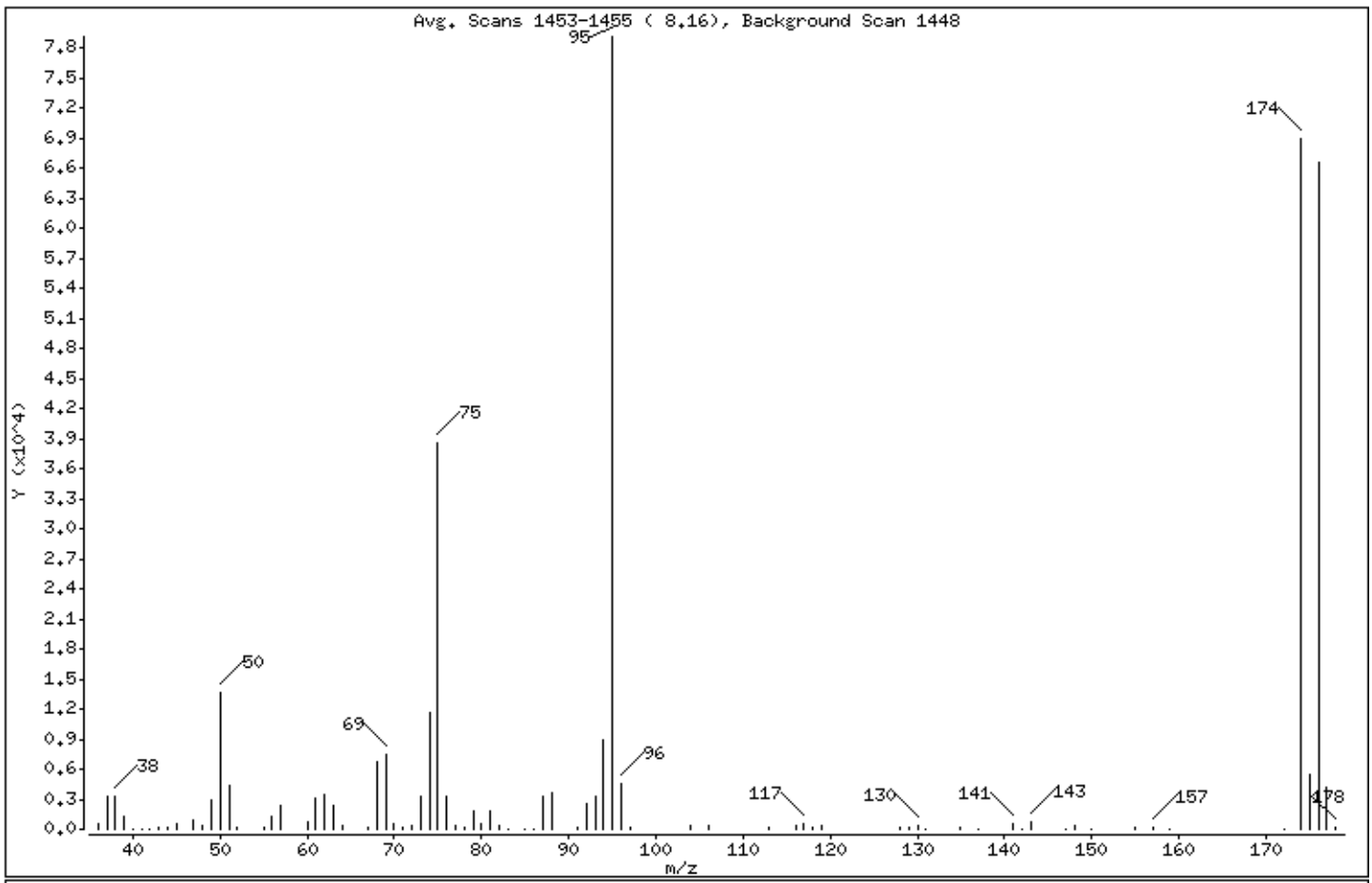
Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.23
75	30.00 - 60.00% of mass 95	48.73
96	5.00 - 9.00% of mass 95	5.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.04
175	5.00 - 9.00% of mass 174	6.89 (7.91)
176	95.00 - 101.00% of mass 174	84.20 (96.74)
177	5.00 - 9.00% of mass 176	5.40 (6.41)

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d00bfb.d

Date : 05-OCT-2017 22:08

Client ID: 8260-TUNE

Instrument: 50mv3b.i

Sample Info: 8260-TUNE,158236:0

Volume Injected (uL): 1.0

Operator: jlz

Column phase:

Column diameter: 2.00

Data File: d00bfb.d
Spectrum: Avg. Scans 1453-1455 (8.16), Background Scan 1448
Location of Maximum: 95.00
Number of points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	635	62.00	3466	86.00	58	135.00	207
37.00	3247	63.00	2450	87.00	3235	137.00	51
38.00	3332	64.00	326	88.00	3597	141.00	602
39.00	1238	67.00	259	91.00	235	142.00	83
40.00	45	68.00	6731	92.00	2499	143.00	796
41.00	58	69.00	7425	93.00	3233	147.00	55
42.00	67	70.00	627	94.00	8905	148.00	286
43.00	272	71.00	124	95.00	79160	150.00	72
44.00	262	72.00	388	96.00	4573	155.00	133
45.00	497	73.00	3340	97.00	200	157.00	162
47.00	960	74.00	11573	104.00	283	159.00	53
48.00	438	75.00	38576	106.00	387	172.00	68
49.00	2904	76.00	3187	113.00	112	174.00	68904
50.00	13641	77.00	431	116.00	291	175.00	5453
51.00	4386	78.00	256	117.00	539	176.00	66656
52.00	129	79.00	1897	118.00	257	177.00	4273
55.00	186	80.00	499	119.00	308	178.00	107
56.00	1249	81.00	1882	128.00	154		
57.00	2287	82.00	367	129.00	130		
60.00	732	83.00	61	130.00	392		
61.00	3167	85.00	66	131.00	51		

SAMPLE NO.

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MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:28 Lab Sample ID: 1882363

Date Analyzed: 10/05/2017 23:28 Lab File ID: A100517.B\C03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

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MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:28 Lab Sample ID: 1882363

Date Analyzed: 10/05/2017 23:28 Lab File ID: A100517.B\C03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d
Lab Smp Id: 1882363 Client Smp ID: MB
Inj Date : 05-OCT-2017 23:28
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 1882363
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 53 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
7 Diethyl ether	74	1.460	1.460	(0.352)	2334	1.09687	1.10	
$ 35 Dibromofluoromethane (S)	113	3.314	3.319	(0.799)	164765	47.4156	47.4	
* 45 Fluorobenzene (IS)	96	4.147	4.152	(1.000)	703773	50.0000		
$ 56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	660362	50.4158	50.4	
57 Toluene	91	6.086	6.080	(0.830)	6346	0.38507	0.385	
* 66 Chlorobenzene-D5 (IS)	117	7.335	7.335	(1.000)	436583	50.0000		
$ 75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	172865	48.1301	48.1	
* 89 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	156280	50.0000		
90 1,4-Dichlorobenzene	146	8.847	8.847	(1.002)	1144	0.22569	0.226(Q)	
96 Naphthalene	128	10.001	9.990	(1.132)	6521	1.08869	1.09	
98 2,methyl-naphthalene	142	10.620	10.620	(1.203)	8254	2.19075	2.19	
99 1-Methylnaphthalene	142	10.738	10.738	(1.216)	6622	2.15794	2.16	

QC Flag Legend

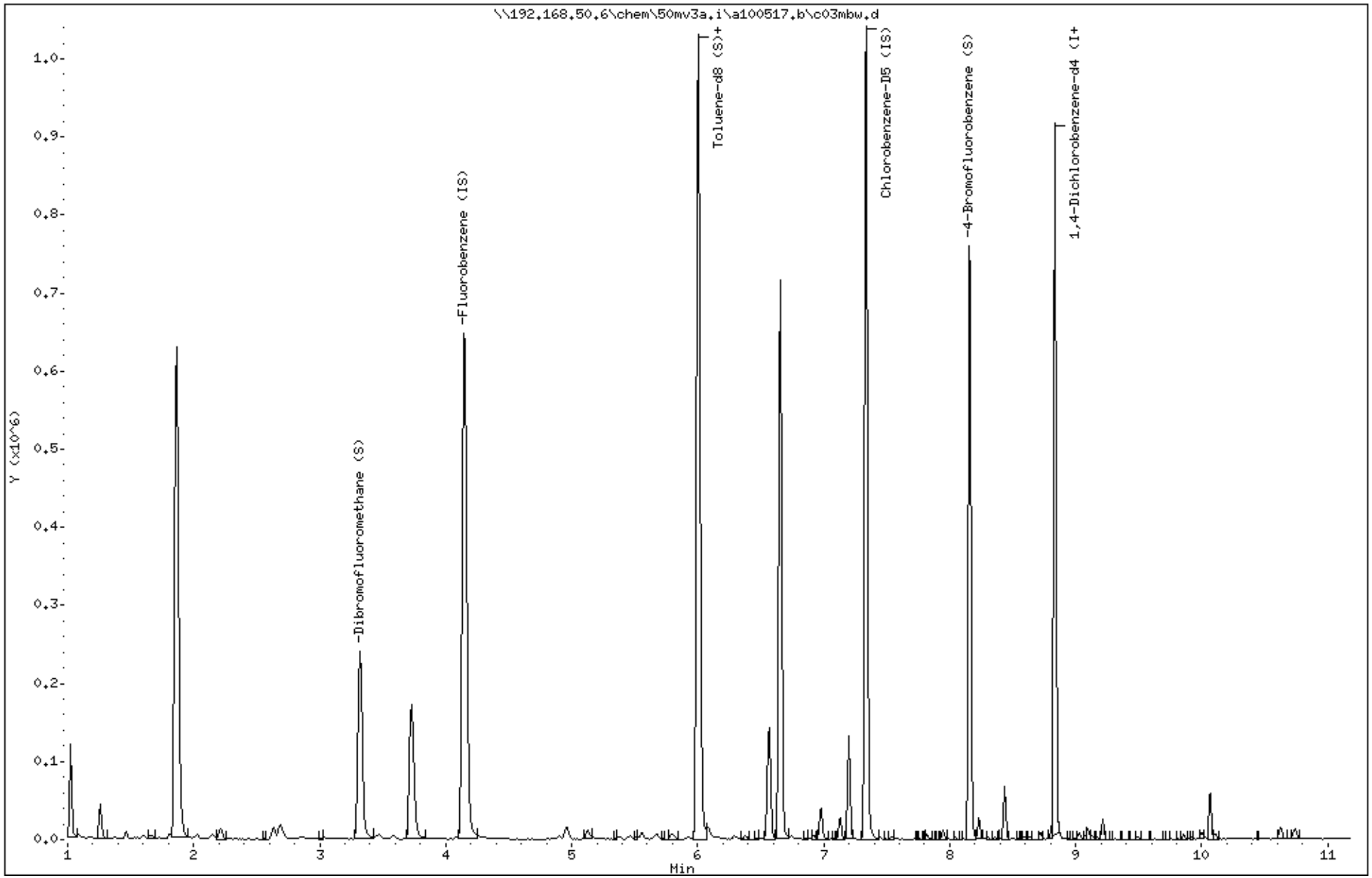
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d
Date : 05-OCT-2017 23:28
Client ID: MB
Sample Info: 1882363
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

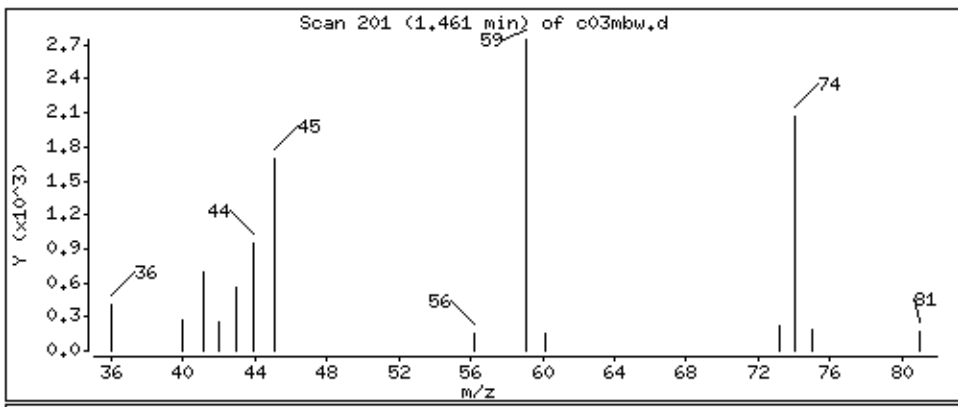
Column phase: DB-624

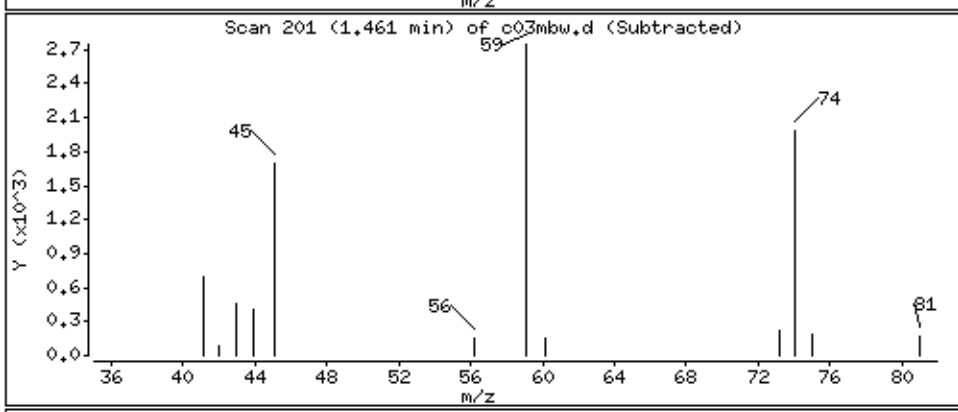
Column diameter: 0.18

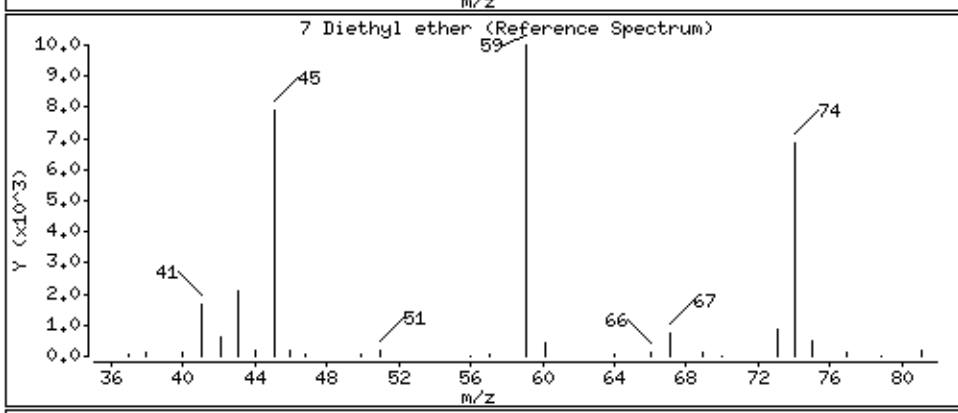
7 Diethyl ether

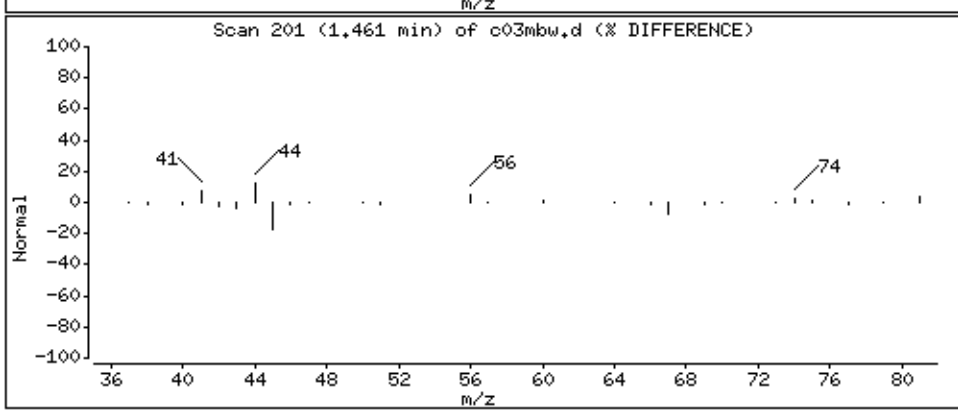
Concentration: 1.10 ppb

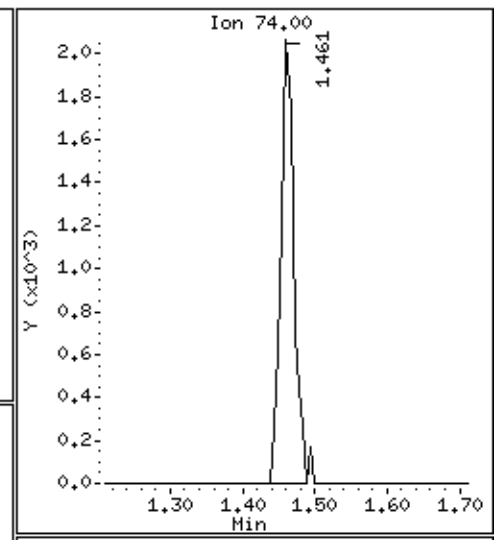
Review Code:

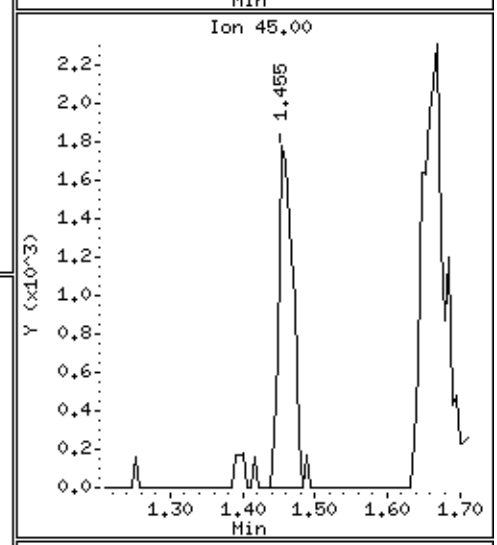


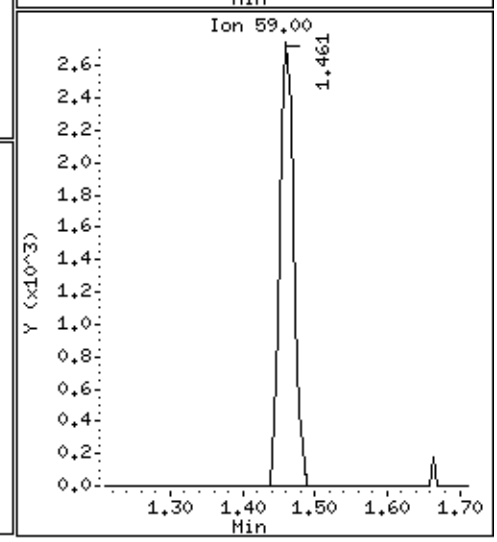












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

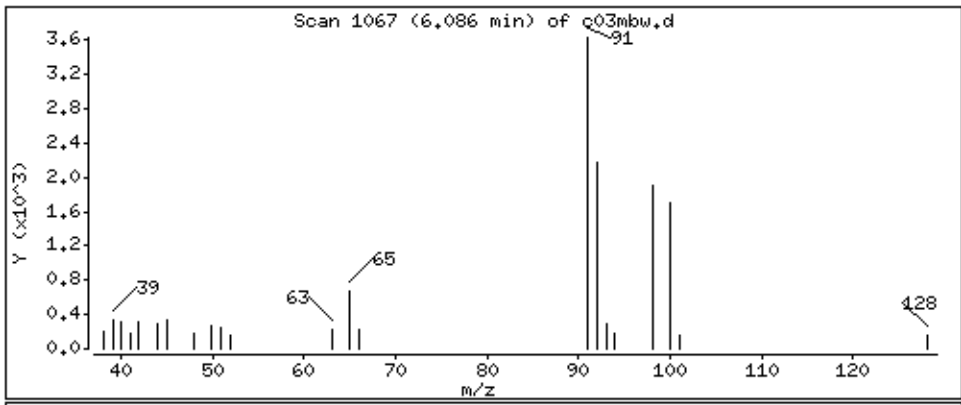
Column phase: DB-624

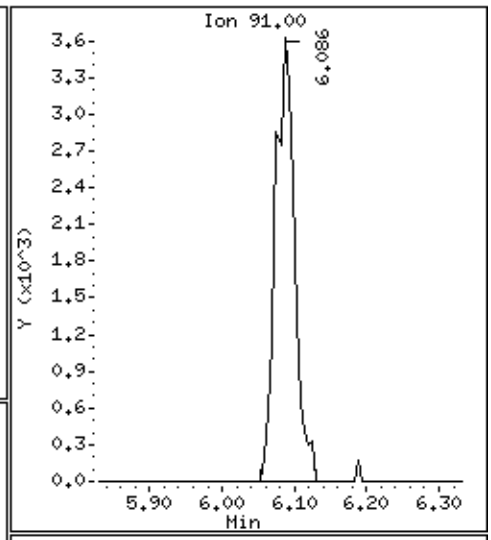
Column diameter: 0.18

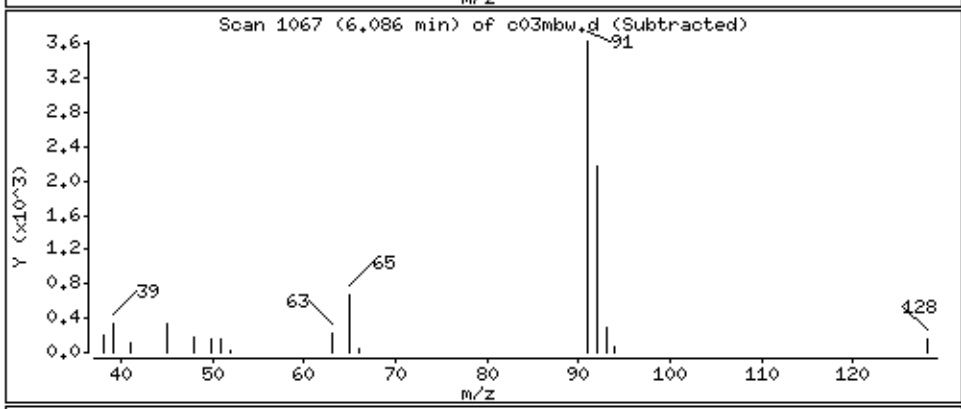
57 Toluene

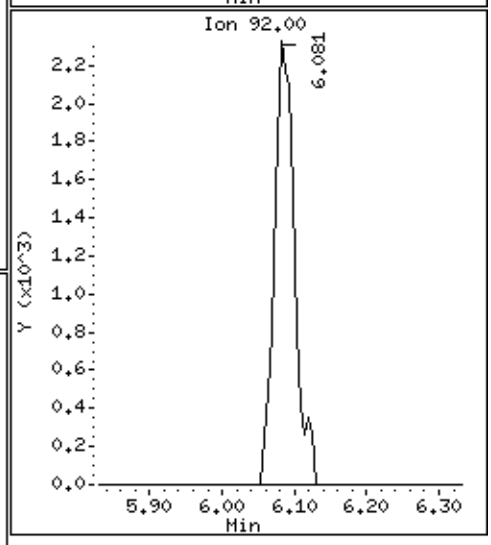
Concentration: 0.385 ppb

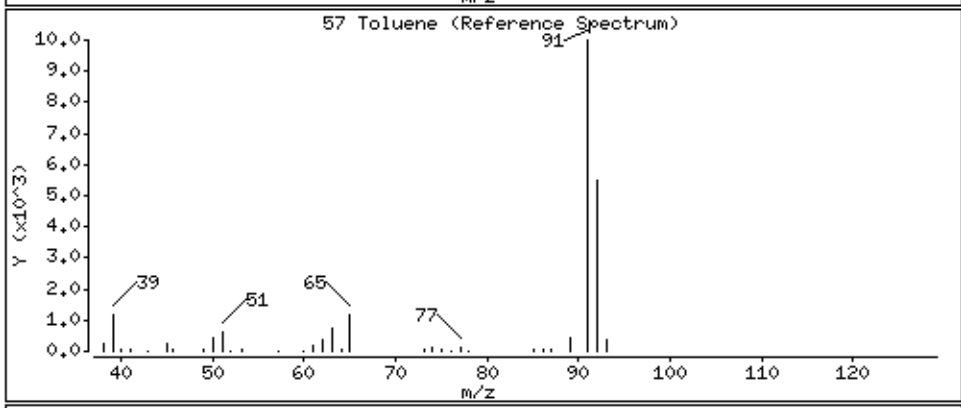
Review Code:

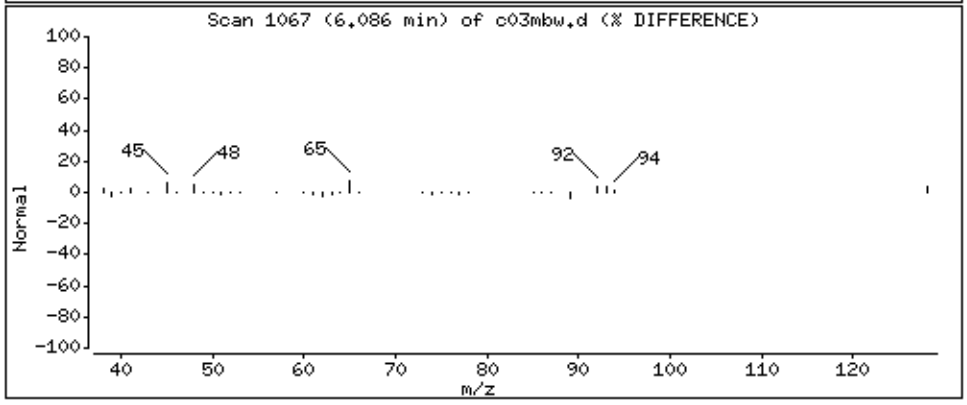












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

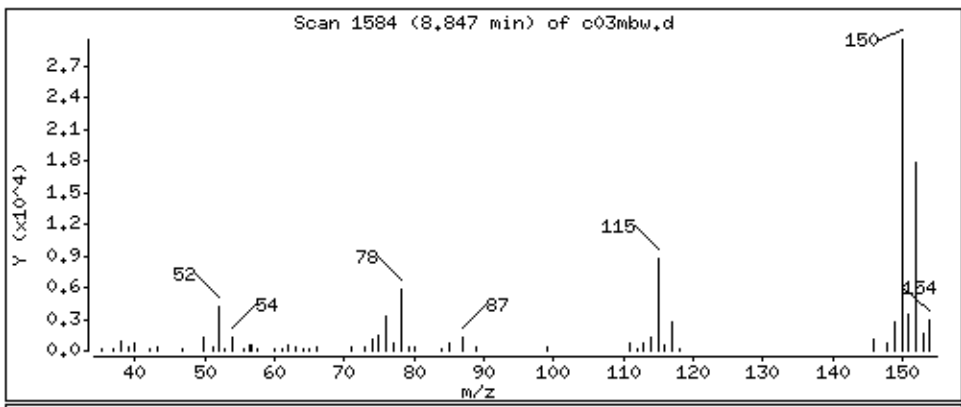
Column phase: DB-624

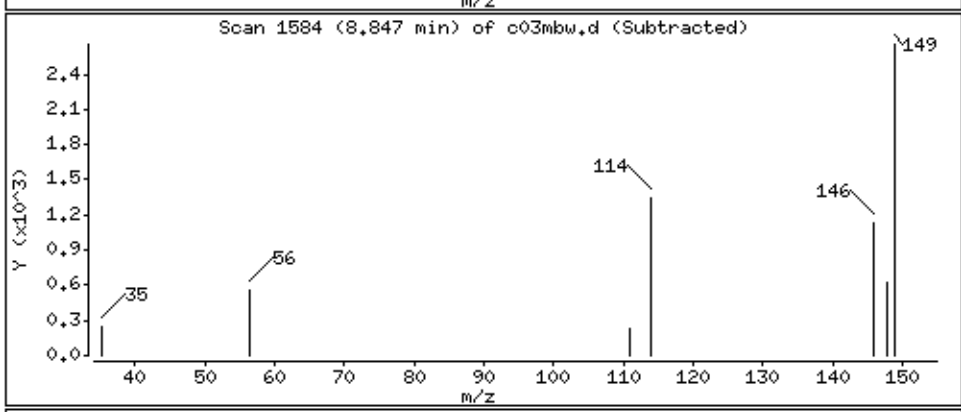
Column diameter: 0.18

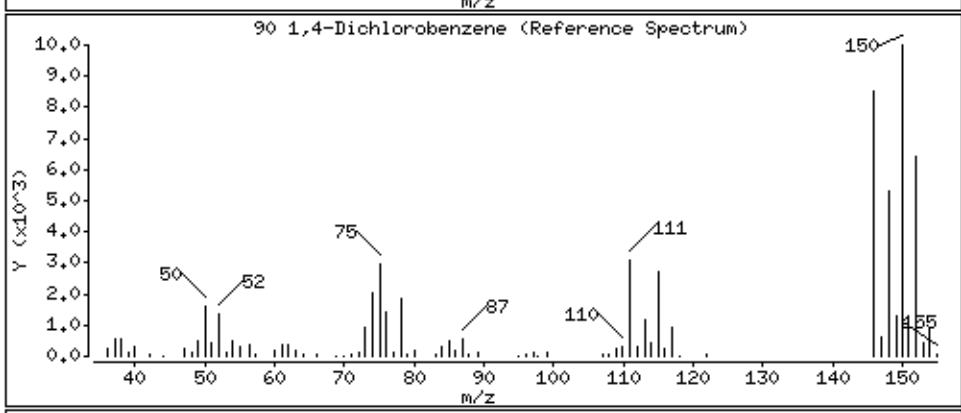
90 1,4-Dichlorobenzene

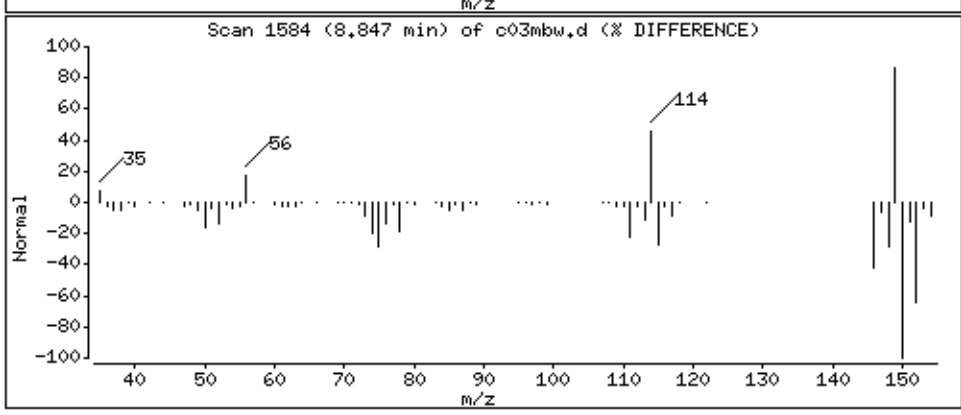
Concentration: 0.226 ppb

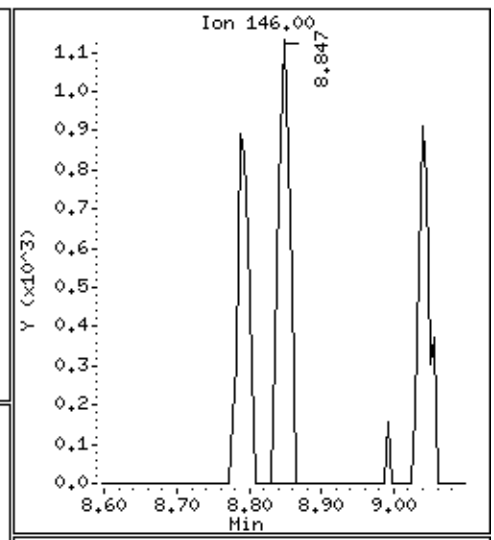
Review Code:

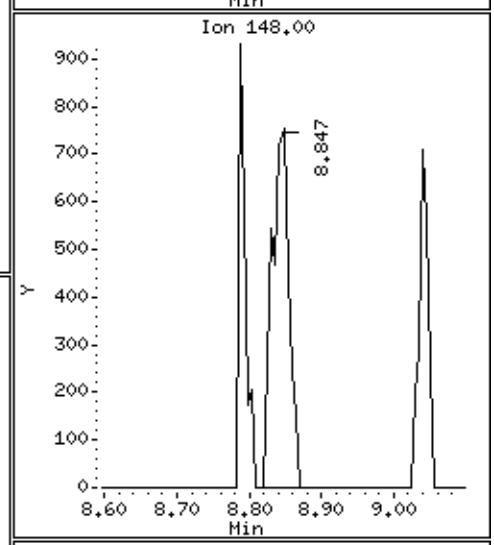


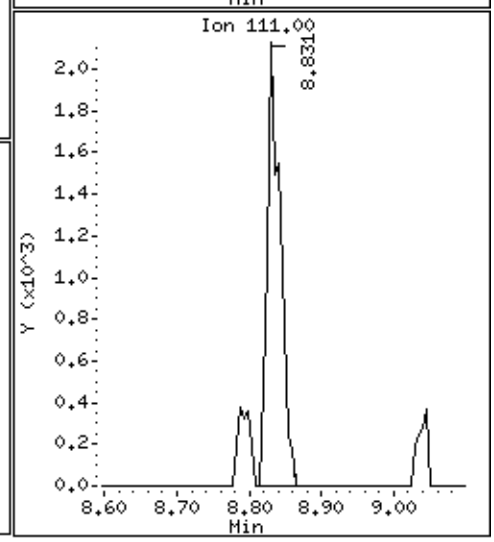












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

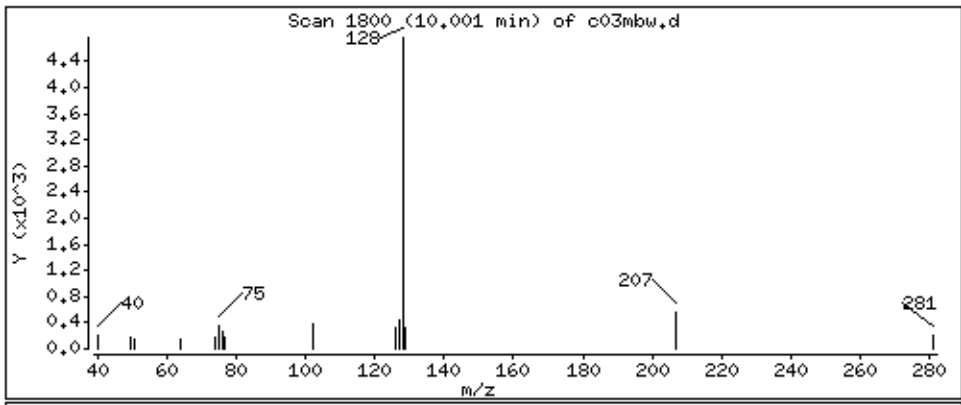
Column phase: DB-624

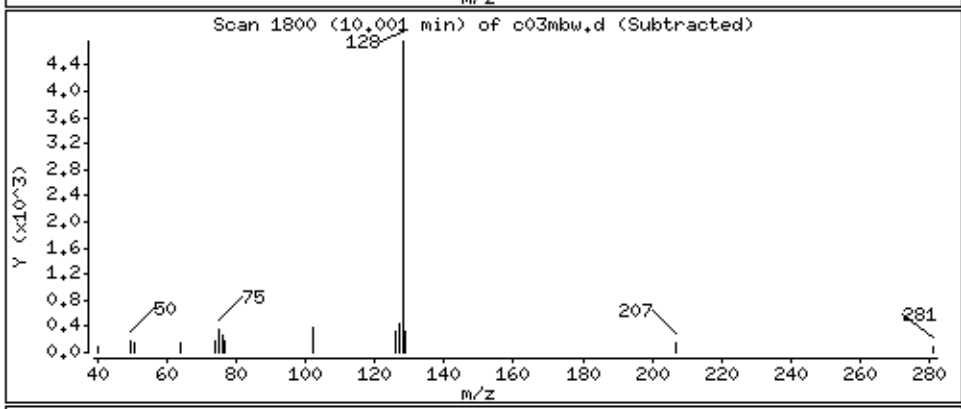
Column diameter: 0.18

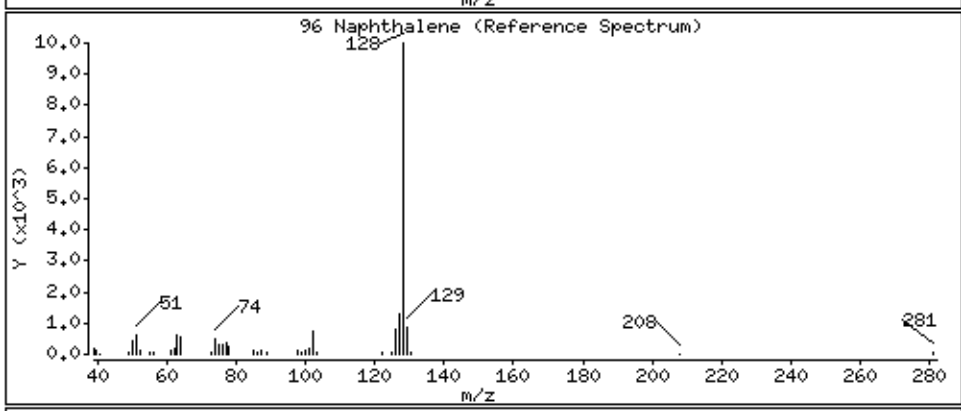
96 Naphthalene

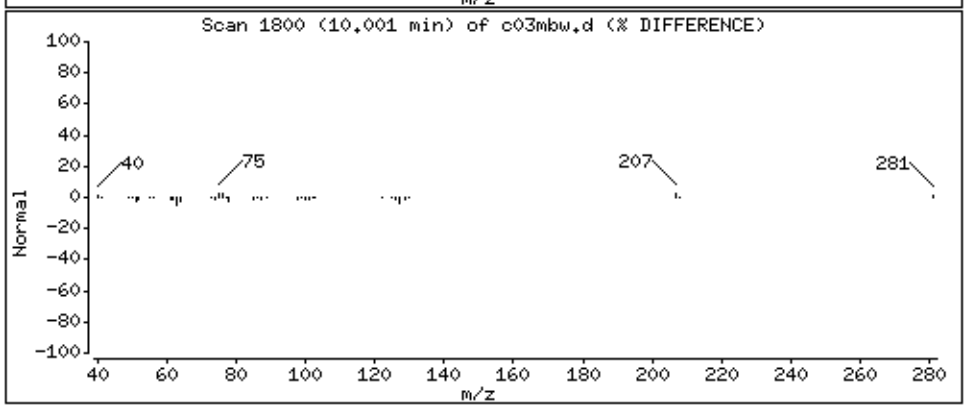
Concentration: 1.09 ppb

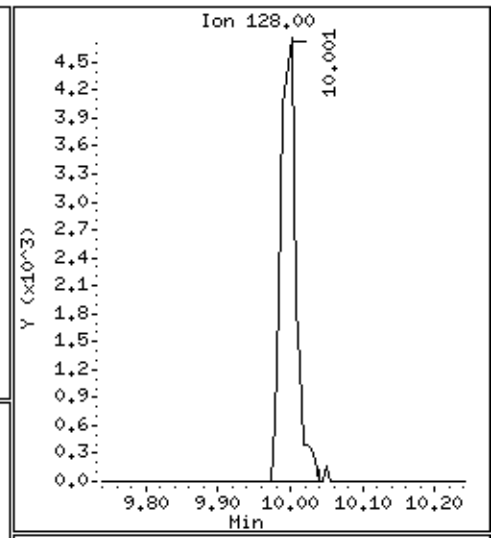
Review Code:

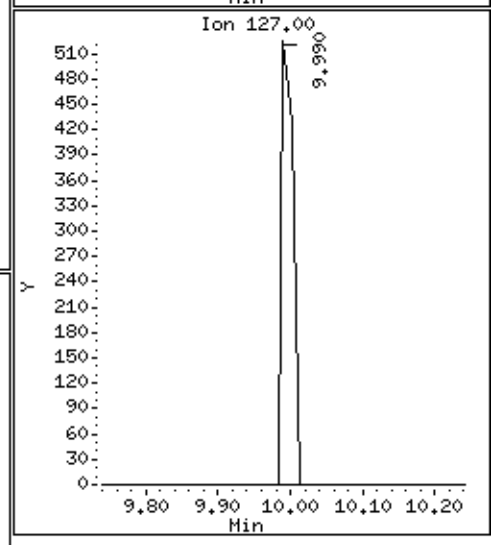












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

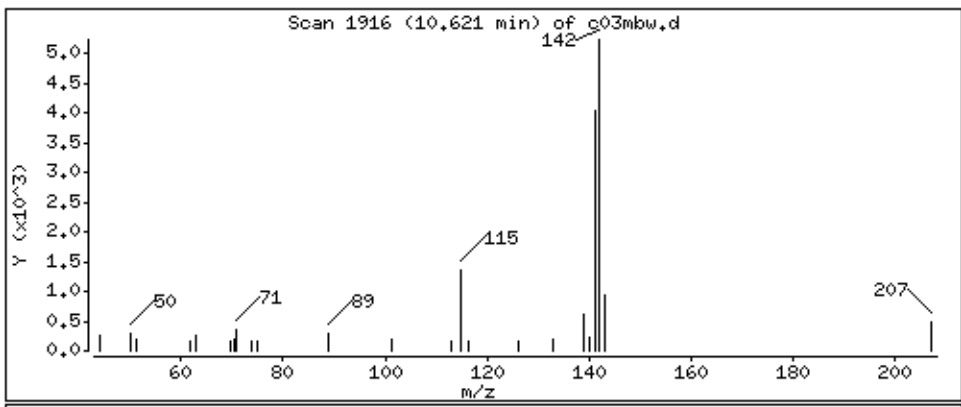
Column phase: DB-624

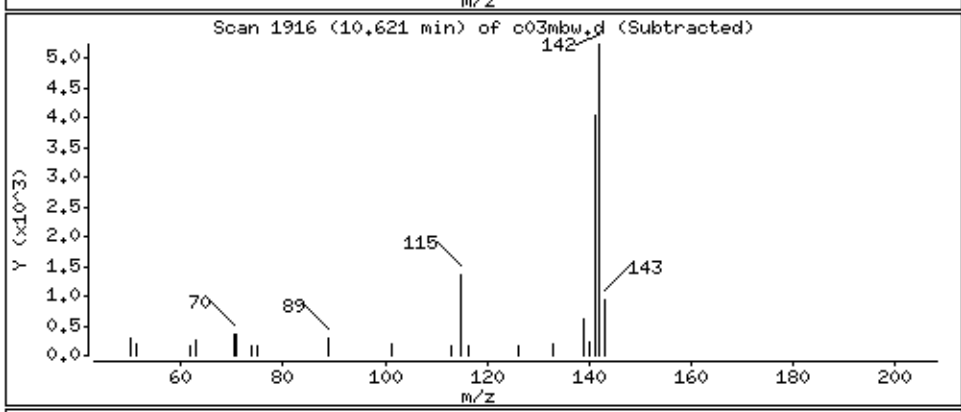
Column diameter: 0.18

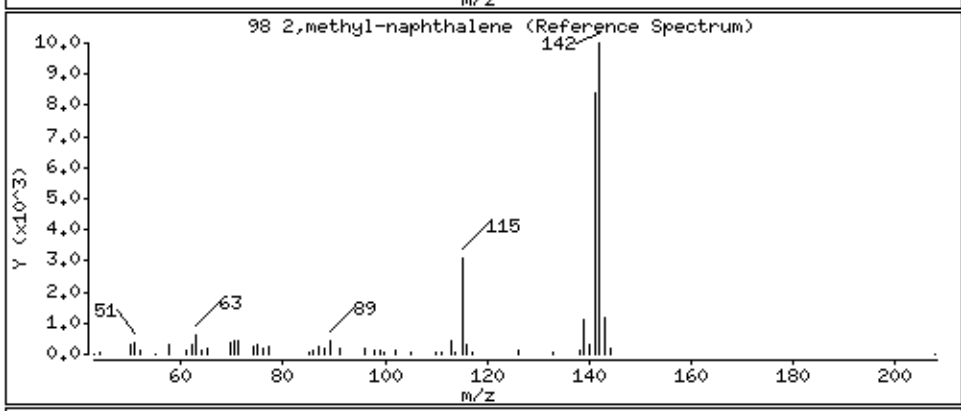
98 2,methyl-naphthalene

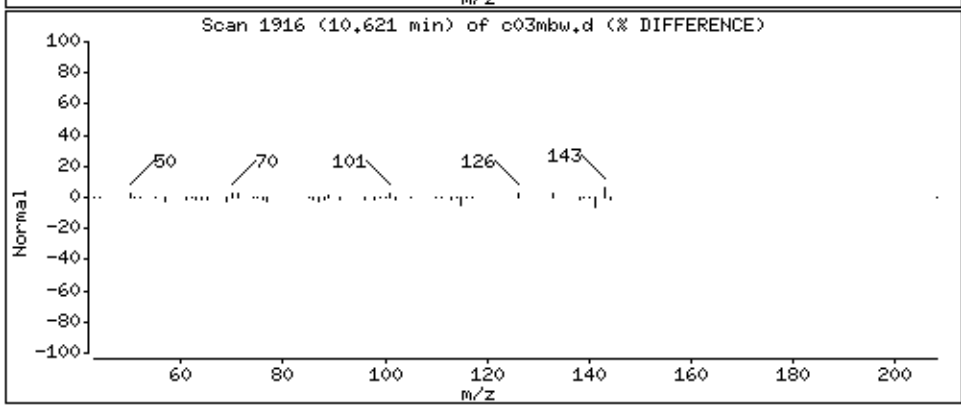
Concentration: 2.19 ppb

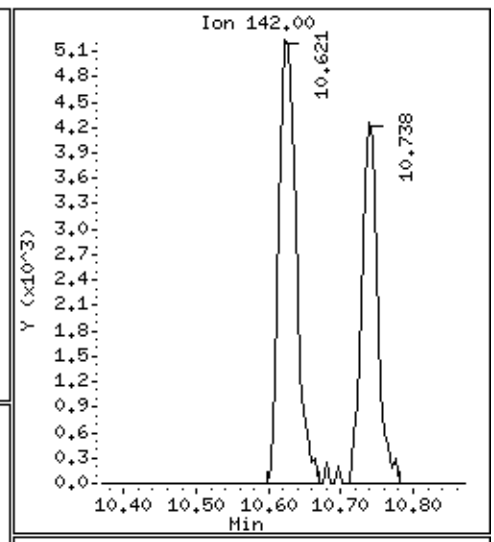
Review Code:

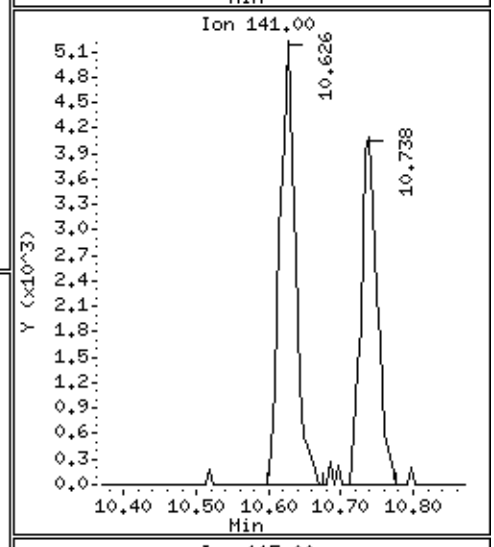


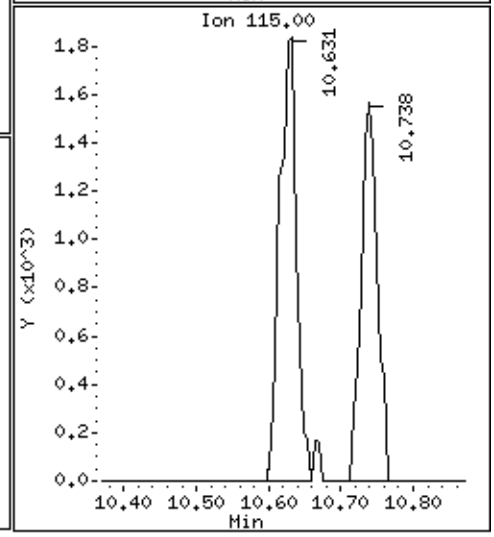












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c03mbw.d

Date : 05-OCT-2017 23:28

Client ID: MB

Instrument: 50mv3a.i

Sample Info: 1882363

Purge Volume: 5.0

Operator: jlz

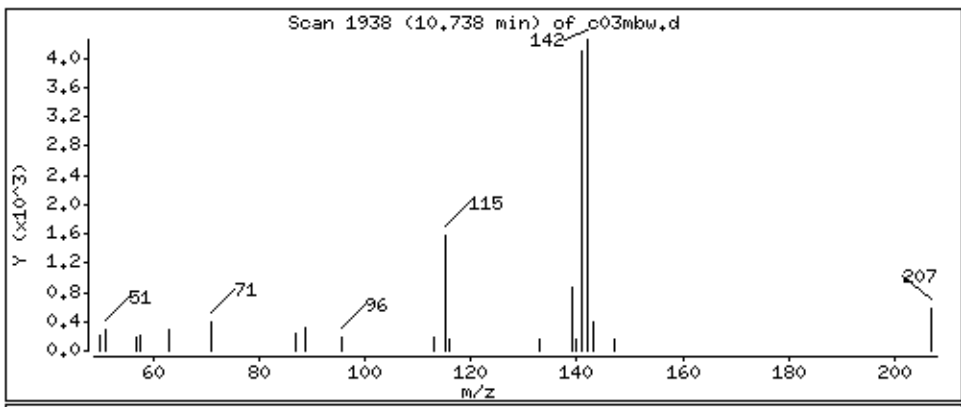
Column phase: DB-624

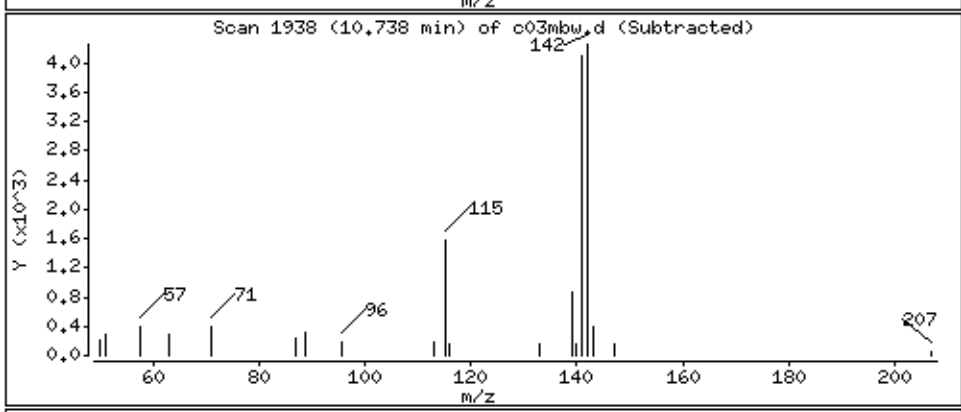
Column diameter: 0.18

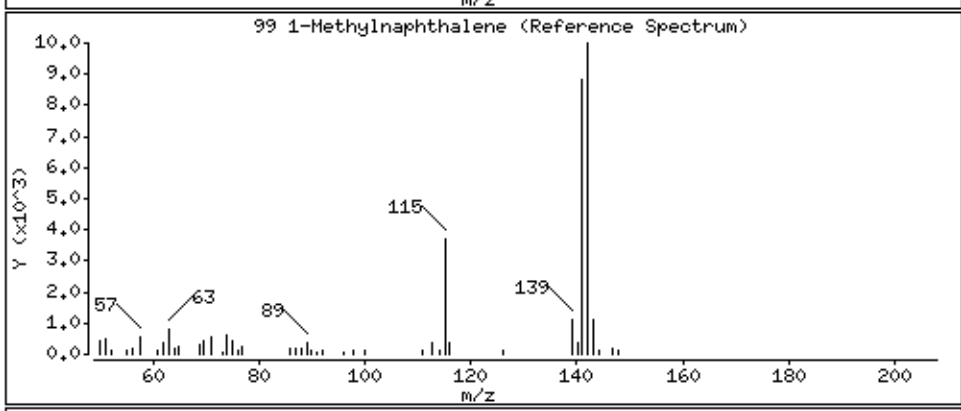
99 1-Methylnaphthalene

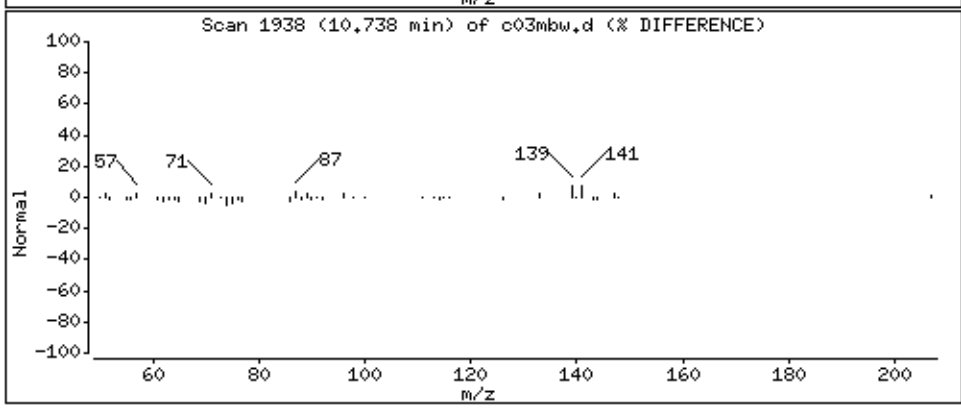
Concentration: 2.16 ppb

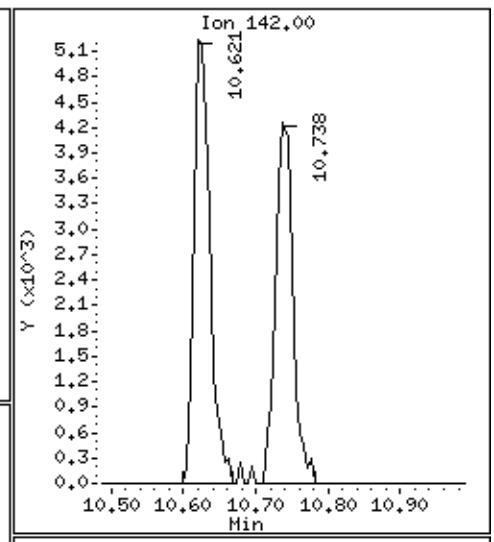
Review Code:

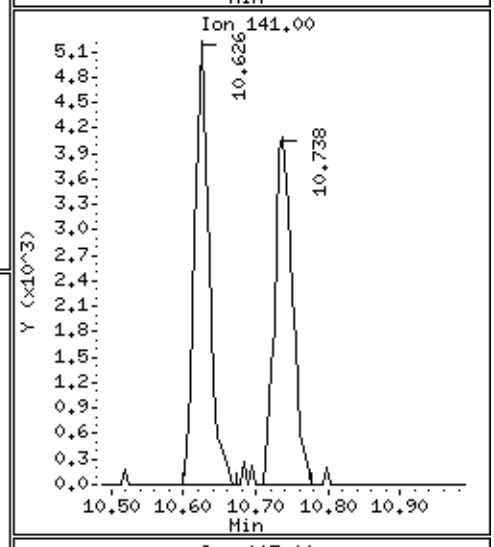


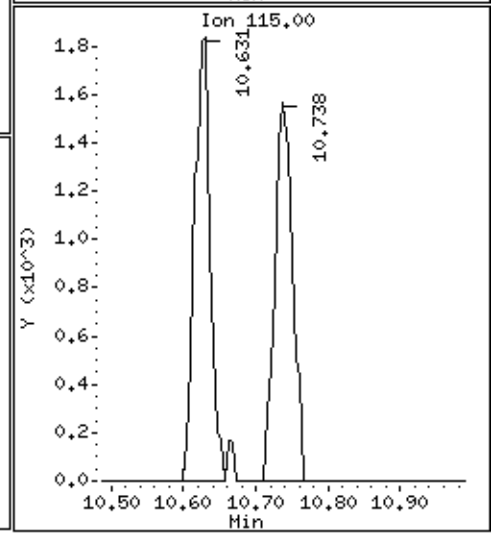












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c03mbw.d
Injection Date: 05-OCT-2017 23:28
Instrument: 50mv3a.i
Lab Sample ID: 1882363
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

LCS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 22:56 Lab Sample ID: 1882364

Date Analyzed: 10/05/2017 22:56 Lab File ID: A100517.B\C02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	188	
71-43-2	Benzene	44.4	
75-27-4	Bromodichloromethane	42.2	
75-25-2	Bromoform	43.3	
74-83-9	Bromomethane	55.7	
78-93-3	2-Butanone (MEK)	223	
75-15-0	Carbon disulfide	37.7	
56-23-5	Carbon tetrachloride	41.7	
108-90-7	Chlorobenzene	48.1	
75-00-3	Chloroethane	41.1	
67-66-3	Chloroform	41.9	
74-87-3	Chloromethane	40.6	
110-82-7	Cyclohexane	40.7	J
96-12-8	1,2-Dibromo-3-chloropropane	43.8	
124-48-1	Dibromochloromethane	47.3	
106-93-4	1,2-Dibromoethane (EDB)	46.8	
95-50-1	1,2-Dichlorobenzene	45.5	
541-73-1	1,3-Dichlorobenzene	44.2	
106-46-7	1,4-Dichlorobenzene	44.6	
75-71-8	Dichlorodifluoromethane	53.0	
75-34-3	1,1-Dichloroethane	39.7	
107-06-2	1,2-Dichloroethane	38.5	
75-35-4	1,1-Dichloroethene	42.0	
156-59-2	cis-1,2-Dichloroethene	42.4	
156-60-5	trans-1,2-Dichloroethene	43.0	
78-87-5	1,2-Dichloropropane	43.1	
10061-01-5	cis-1,3-Dichloropropene	42.8	
10061-02-6	trans-1,3-Dichloropropene	42.2	
100-41-4	Ethylbenzene	44.5	
591-78-6	2-Hexanone	219	
98-82-8	Isopropylbenzene (Cumene)	47.6	
79-20-9	Methyl acetate	98.5	
108-87-2	Methylcyclohexane	42.7	J
75-09-2	Methylene Chloride	41.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	208	
1634-04-4	Methyl-tert-butyl ether	40.8	
100-42-5	Styrene	42.2	

SAMPLE NO.

LCS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 22:56 Lab Sample ID: 1882364

Date Analyzed: 10/05/2017 22:56 Lab File ID: A100517.B\C02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	42.6	
127-18-4	Tetrachloroethene	45.2	
108-88-3	Toluene	44.8	
120-82-1	1,2,4-Trichlorobenzene	41.0	
71-55-6	1,1,1-Trichloroethane	40.6	
79-00-5	1,1,2-Trichloroethane	46.1	
79-01-6	Trichloroethene	44.0	
75-69-4	Trichlorofluoromethane	47.9	
76-13-1	1,1,2-Trichlorotrifluoroethane	42.0	
75-01-4	Vinyl chloride	45.7	
1330-20-7	Xylene (Total)	136	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d
Lab Smp Id: 1882364 Client Smp ID: MBLCS
Inj Date : 05-OCT-2017 22:56
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 1882364,159793:5
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 51 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	0.905	0.905	(0.218)	233117	52.9948	53.0	
2 Chloromethane	50	0.990	0.990	(0.239)	154771	40.5998	40.6	
3 Vinyl Chloride	62	1.033	1.033	(0.249)	260946	45.7319	45.7	
4 Bromomethane	94	1.177	1.177	(0.284)	119378	55.7128	55.7	
5 Chloroethane	64	1.225	1.225	(0.295)	138432	41.0788	41.1	
6 Trichlorofluoromethane	101	1.337	1.337	(0.322)	332249	47.9444	47.9	
7 Diethyl ether	74	1.460	1.460	(0.352)	107212	43.9614	44.0	
8 1,2-dichlorotrifluoroethane	67	1.476	1.476	(0.356)	243879	38.1855	38.2	
9 Acrolein	56	1.530	1.530	(0.368)	461155	1208.17	1210	
10 1,1,2trichlorotrifluoroethane	101	1.583	1.583	(0.381)	222893	41.9960	42.0	
11 1,1-Dichloroethene	96	1.588	1.588	(0.383)	185654	42.0019	42.0	
12 Acetone	43	1.599	1.599	(0.385)	108453	187.698	188	
13 Iodomethane	142	1.674	1.674	(0.403)	418871	106.548	106	
14 Carbon Disulfide	76	1.722	1.722	(0.415)	526141	37.6768	37.7	
15 Methyl Acetate	43	1.765	1.765	(0.425)	163078	98.5051	98.5(R)	
16 allyl chloride	41	1.781	1.781	(0.429)	591860	90.6363	90.6	
17 Acetonitrile	39	1.781	1.781	(0.429)	384791	40.8551	40.8	
18 Methylene Chloride	84	1.856	1.856	(0.447)	181437	41.4940	41.5	
19 Acrylonitrile	53	1.989	1.989	(0.479)	122280	169.376	169	
20 Methyl-tert-butyl ether	73	2.016	2.016	(0.486)	443398	40.7632	40.8	
21 tert-Butyl Alcohol	59	1.893	1.893	(0.456)	19790	65.7675	65.8(Q)	
22 1,2-Dichloroethene (trans)	96	2.026	2.026	(0.488)	203456	42.9755	43.0	
23 n-Hexane	57	2.213	2.213	(0.533)	370438	38.0312	38.0	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.320	2.320	(0.559)	1097303	168.261	168	
	25 1,1-Dichloroethane	63	2.331	2.331	(0.561)	339794	39.6557	39.6	
	26 Chloroprene	53	2.384	2.384	(0.574)	307740	36.5023	36.5	
	27 2-Butanone	72	2.785	2.785	(0.671)	57082	222.827	223(Q)	
	28 1,2-Dichloroethene (cis)	96	2.806	2.806	(0.676)	212127	42.3757	42.4(Q)	
	29 2,2-Dichloropropane	77	2.806	2.806	(0.676)	269639	34.6611	34.7	
	30 Propionitrile	54	2.849	2.849	(0.686)	8191	31.4639	31.5(Q)	
	31 Methacrylonitrile	41	2.988	2.988	(0.720)	268020	161.393	161	
	32 Bromochloromethane	49	3.036	3.036	(0.731)	119544	39.1427	39.1	
	33 Tetrahydrofuran	42	3.057	3.057	(0.736)	27493	37.2189	37.2	
	34 Chloroform	83	3.143	3.143	(0.757)	329075	41.9267	41.9	
$	35 Dibromofluoromethane (S)	113	3.319	3.319	(0.799)	181418	45.5522	45.6	
	36 1,1,1-Trichloroethane	97	3.319	3.319	(0.799)	314699	40.5775	40.6	
	37 Cyclohexane	56	3.404	3.404	(0.820)	366083	40.6925	40.7	
	38 n-Butyl chloride	56	3.463	3.463	(0.834)	437320	39.1503	39.2	
	39 Carbon Tetrachloride	117	3.506	3.506	(0.844)	276658	41.7234	41.7	
	40 1,1-Dichloropropene	75	3.511	3.511	(0.846)	293216	43.1820	43.2	
	41 Benzene	78	3.746	3.746	(0.902)	799633	44.3642	44.4	
	42 1,2-Dichloroethane	62	3.832	3.832	(0.923)	189661	38.5180	38.5	
	43 2,2,4-Trimethylpentane	57	3.928	3.928	(0.946)	858232	44.7431	44.7	
	44 Isobutyl alcohol	43	3.864	3.864	(0.931)	1076919	49.4070	49.4	
*	45 Fluorobenzene (IS)	96	4.152	4.152	(1.000)	806604	50.0000		
	46 Trichloroethene	95	4.606	4.606	(1.109)	206067	44.0002	44.0	
	47 Methylcyclohexane	55	4.873	4.873	(1.174)	303415	42.6878	42.7	
	48 1,2-Dichloropropane	63	4.911	4.911	(1.183)	185942	43.1001	43.1	
	49 Dibromomethane	93	5.007	5.007	(1.206)	82298	44.2591	44.2	
	50 1,4-Dioxane	88	5.007	5.007	(1.206)	17167	1024.57	1020	
	51 Methyl methacrylate	69	5.023	5.023	(1.210)	87132	42.8982	42.9	
	52 Bromodichloromethane	83	5.231	5.231	(1.260)	229163	42.2404	42.2	
	53 2-Chloroethyl vinyl ether	63	5.589	5.589	(0.762)	39948	41.2815	41.3	
	54 cis-1,3-Dichloropropene	75	5.728	5.728	(0.781)	270416	42.7974	42.8	
	55 4-Methyl-2-Pentanone	43	5.904	5.904	(0.805)	479607	207.971	208	
$	56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	719734	49.8495	49.8	
	57 Toluene	91	6.080	6.080	(0.829)	813482	44.7805	44.8	
	58 trans-1,3-Dichloropropene	75	6.363	6.363	(0.867)	211529	42.2088	42.2	
	59 Ethyl Methacrylate	69	6.449	6.449	(0.879)	662138	173.278	173	
	60 1,1,2-Trichloroethane	83	6.550	6.550	(0.893)	106396	46.0747	46.1	
	61 Tetrachloroethene	166	6.604	6.604	(0.900)	209740	45.2383	45.2	
	62 1,3-Dichloropropane	76	6.695	6.695	(0.913)	213742	47.1730	47.2	
	63 2-Hexanone	43	6.764	6.764	(0.922)	301510	219.404	219	
	64 Dibromochloromethane	129	6.876	6.876	(0.937)	152251	47.2514	47.2	
	65 1,2-Dibromoethane	107	6.962	6.962	(0.949)	113955	46.7588	46.8	
*	66 Chlorobenzene-D5 (IS)	117	7.335	7.335	(1.000)	481241	50.0000		
	67 Chlorobenzene	112	7.357	7.357	(1.003)	460193	48.0701	48.1	
	68 1,1,1,2-Tetrachloroethane	131	7.432	7.432	(1.013)	167771	47.1386	47.1	
	69 Ethylbenzene	106	7.437	7.437	(1.014)	277677	44.4826	44.5	
	70 m&p-Xylene	106	7.538	7.538	(1.028)	642190	89.5335	89.5	
	71 o-Xylene	106	7.800	7.800	(1.063)	297605	46.1743	46.2	
	72 Styrene	104	7.816	7.816	(1.066)	480162	42.2207	42.2	
	73 Bromoform	173	7.934	7.934	(0.898)	71711	43.2526	43.2	
	74 Isopropylbenzene	105	8.046	8.046	(1.097)	791732	47.5587	47.6	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	196976	49.7539	49.8	
	76 Bromobenzene	77	8.233	8.233	(1.122)	225499	44.0528	44.0	
	77 1,1,2,2-Tetrachloroethane	83	8.249	8.249	(0.934)	107243	42.5874	42.6	

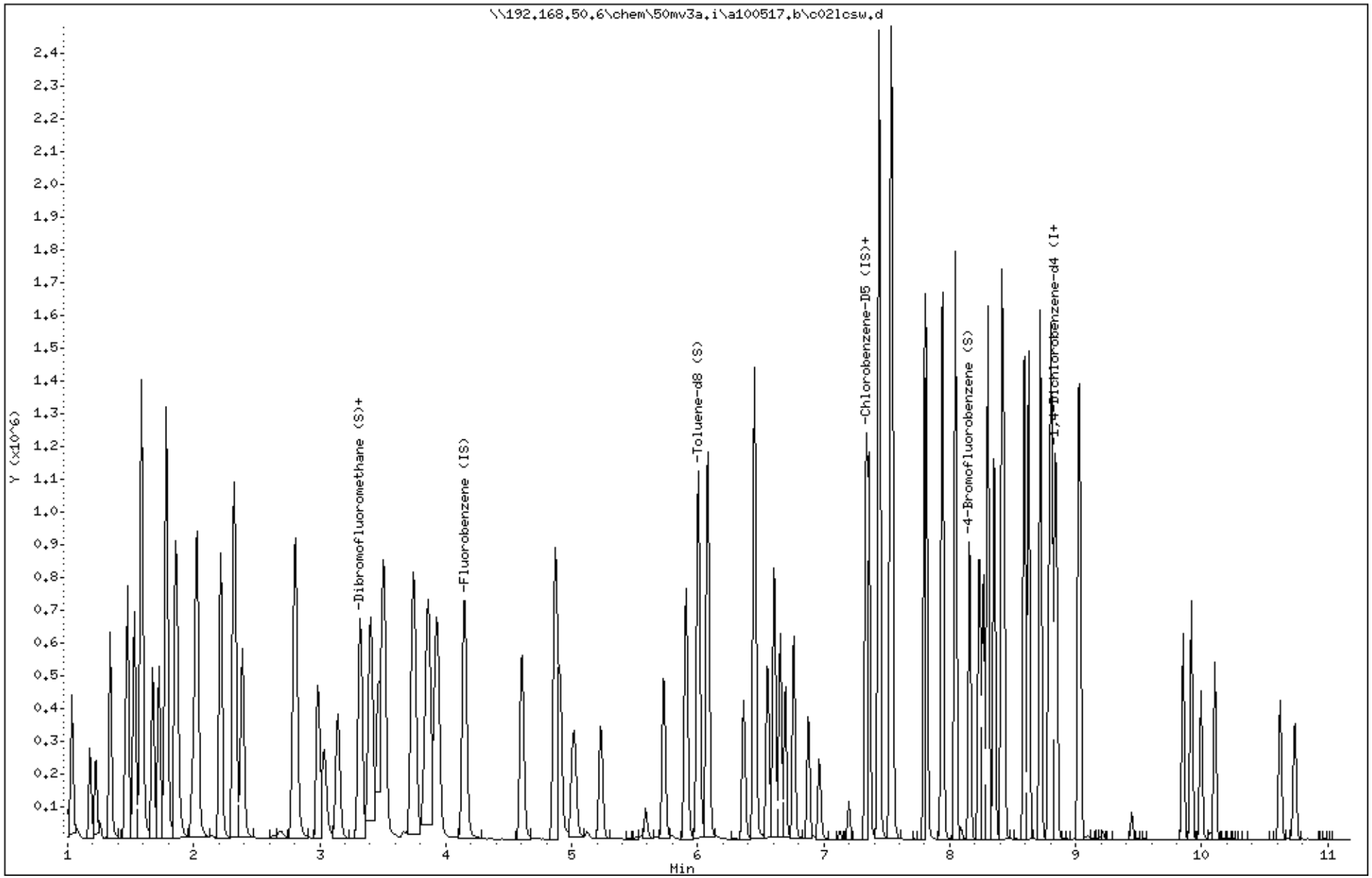
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	trans-1,4-Dichloro-2-butene	53	8.265	8.265	(1.127)	81491	146.339	146(Q)	
79	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	36600	48.9945	49.0(Q)	
80	n-Propylbenzene	91	8.302	8.302	(0.940)	809071	42.6534	42.6	
81	2-Chlorotoluene	91	8.350	8.350	(0.946)	444887	41.1066	41.1	
82	1,3,5-Trimethylbenzene	105	8.414	8.414	(0.953)	553070	43.1055	43.1	
83	4-Chlorotoluene	126	8.425	8.425	(0.954)	153472	45.5385	45.5	
84	tert-Butylbenzene	119	8.596	8.596	(0.973)	496347	34.1088	34.1	
85	1,2,4-Trimethylbenzene	105	8.628	8.628	(0.977)	522518	42.8093	42.8	
86	sec-Butylbenzene	105	8.719	8.719	(0.987)	698983	43.2787	43.3	
87	1,3-Dichlorobenzene	146	8.788	8.788	(0.995)	253974	44.2458	44.2	
88	p-Isopropyltoluene	119	8.804	8.804	(0.997)	551111	42.8843	42.9	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	174873	50.0000		
90	1,4-Dichlorobenzene	146	8.847	8.847	(1.002)	252722	44.5572	44.6	
91	n-Butylbenzene	91	9.023	9.023	(1.022)	443386	40.0109	40.0	
92	1,2-Dichlorobenzene	146	9.034	9.034	(1.023)	216510	45.4540	45.4	
93	1,2,4-Trichlorobenzene	180	9.851	9.851	(1.115)	134794	40.9781	41.0	
94	1,2-Dibromo-3-chloropropane	155	9.445	9.445	(1.070)	12978	43.7684	43.8	
95	Hexachlorobutadiene	225	9.915	9.915	(1.123)	97078	44.4334	44.4	
96	Naphthalene	128	9.990	9.990	(1.131)	274884	41.0128	41.0	
97	1,2,3-Trichlorobenzene	180	10.107	10.107	(1.145)	128283	42.2421	42.2	
98	2,methyl-naphthalene	142	10.620	10.620	(1.203)	181783	43.1184	43.1	
99	1-Methylnaphthalene	142	10.738	10.738	(1.216)	156073	45.4526	45.4	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d
Date : 05-OCT-2017 22:56
Client ID: MBLCS
Sample Info: 1882364,159793:5
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3a.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

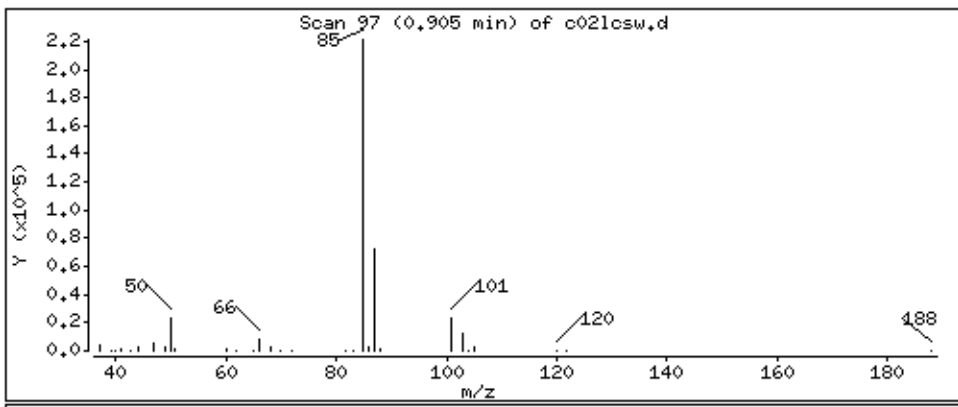
Column phase: DB-624

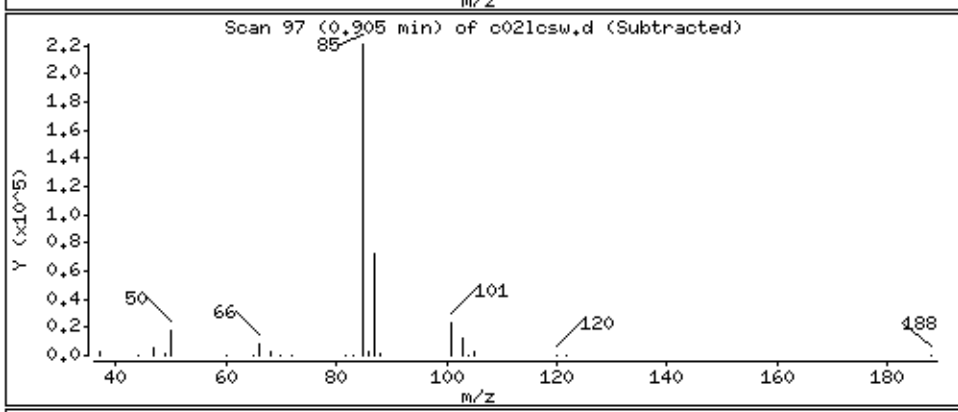
Column diameter: 0.18

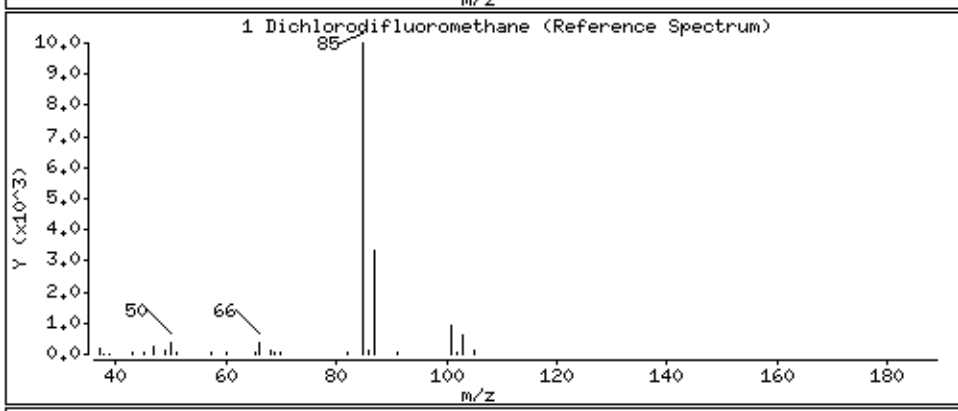
1 Dichlorodifluoromethane

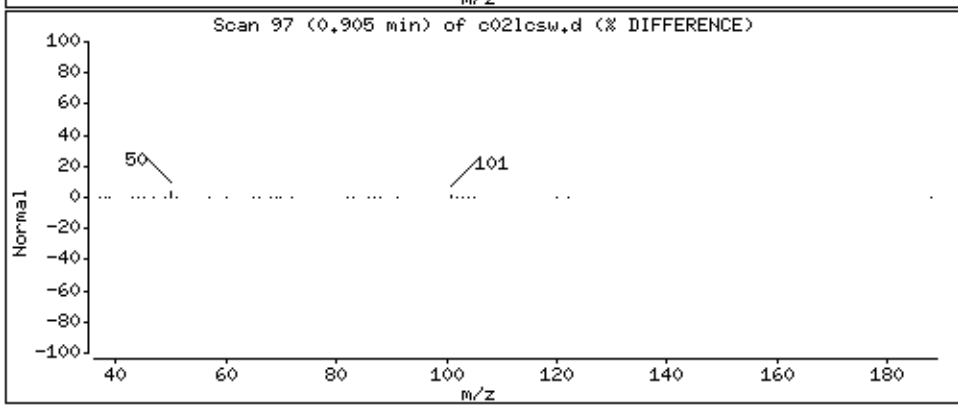
Concentration: 53.0 ppb

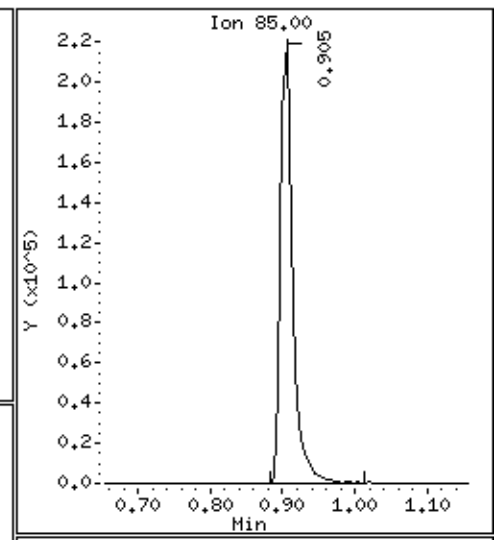
Review Code:

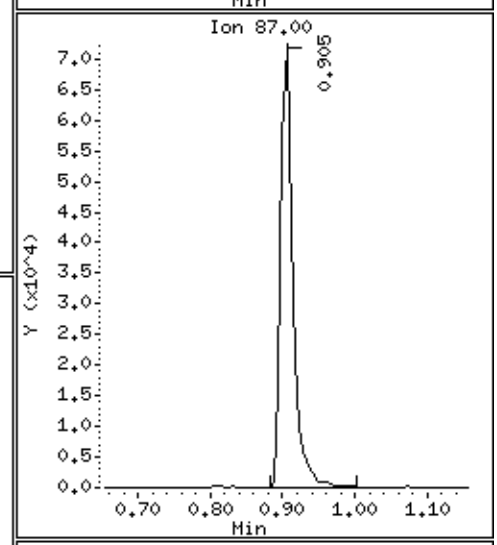


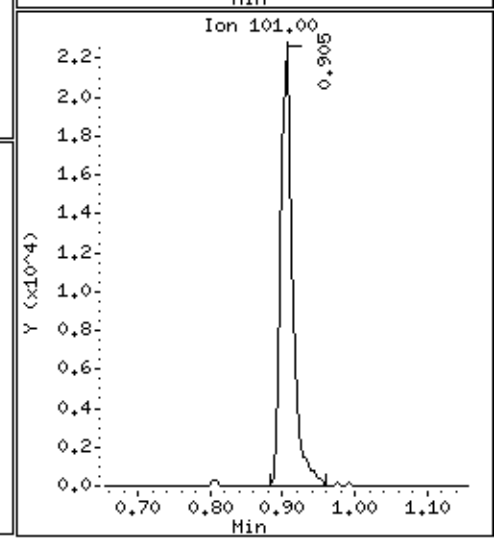












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

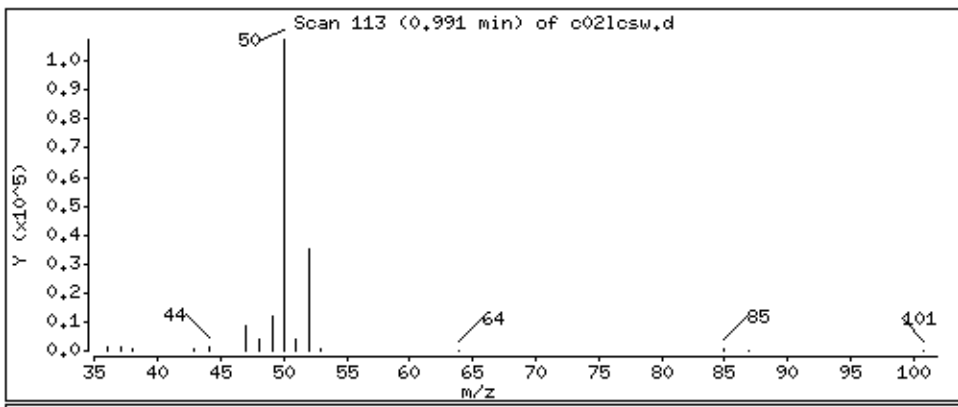
Column phase: DB-624

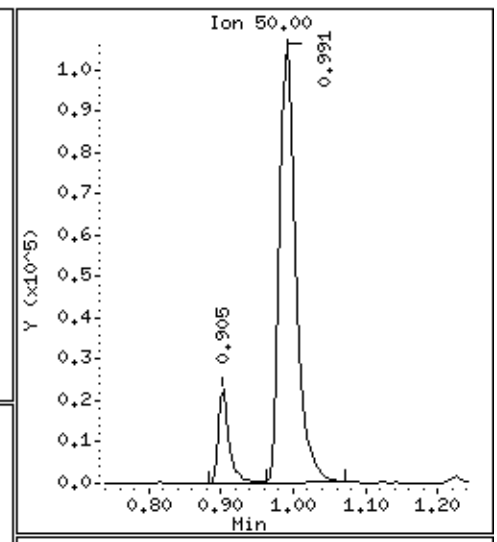
Column diameter: 0.18

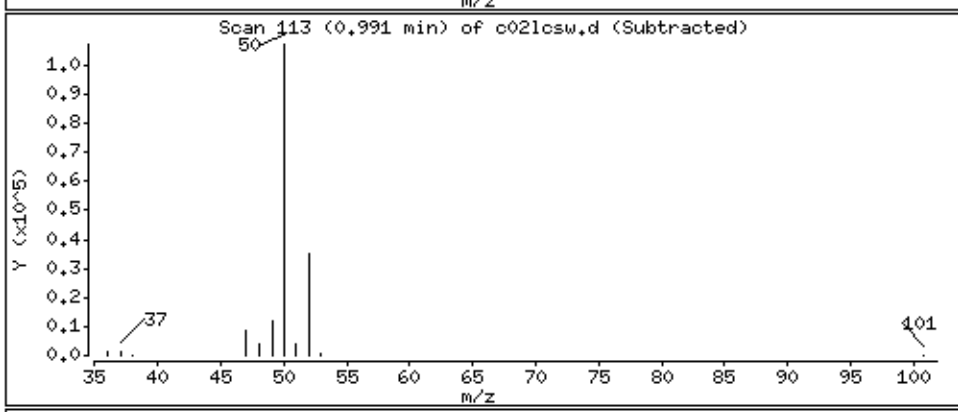
2 Chloromethane

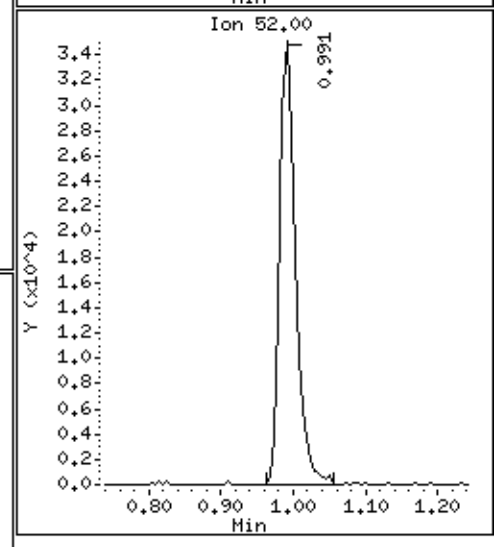
Concentration: 40.6 ppb

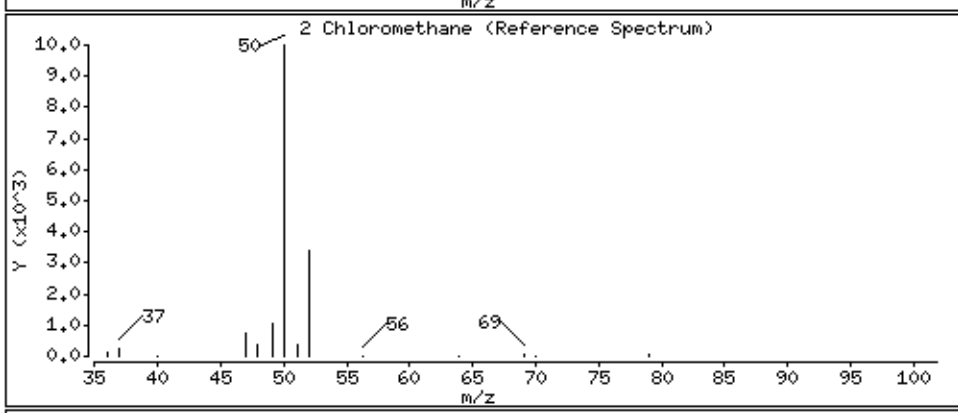
Review Code:

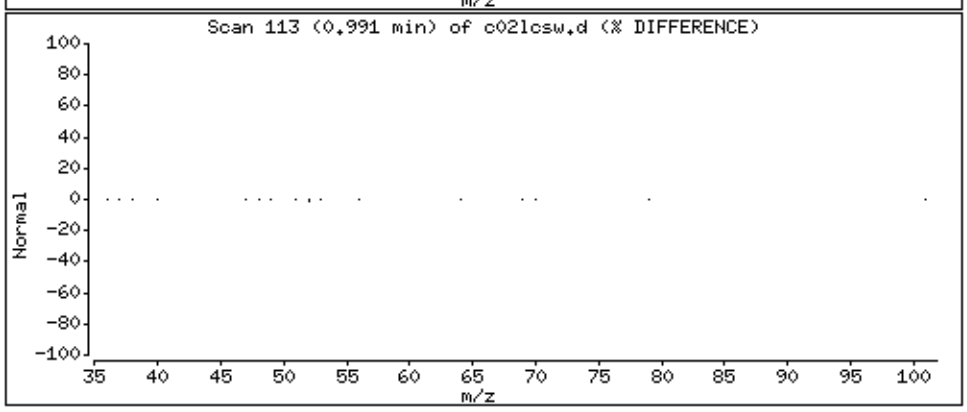












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

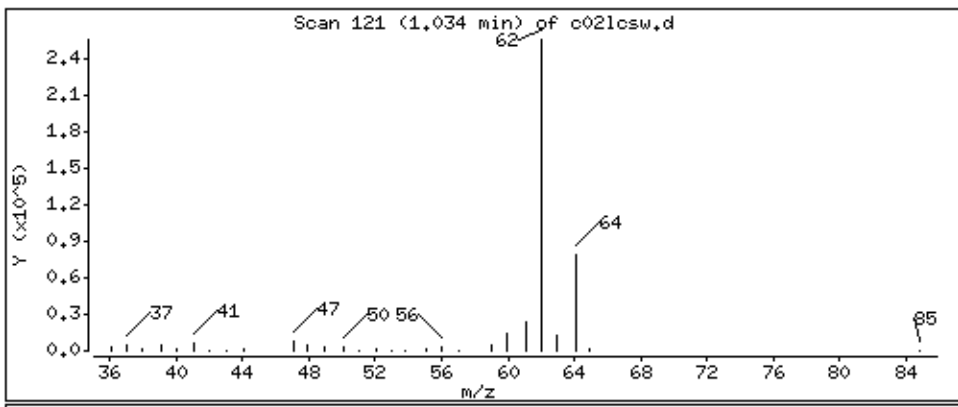
Column phase: DB-624

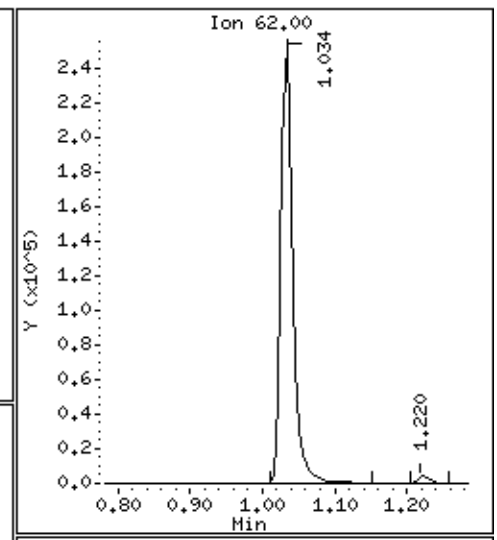
Column diameter: 0.18

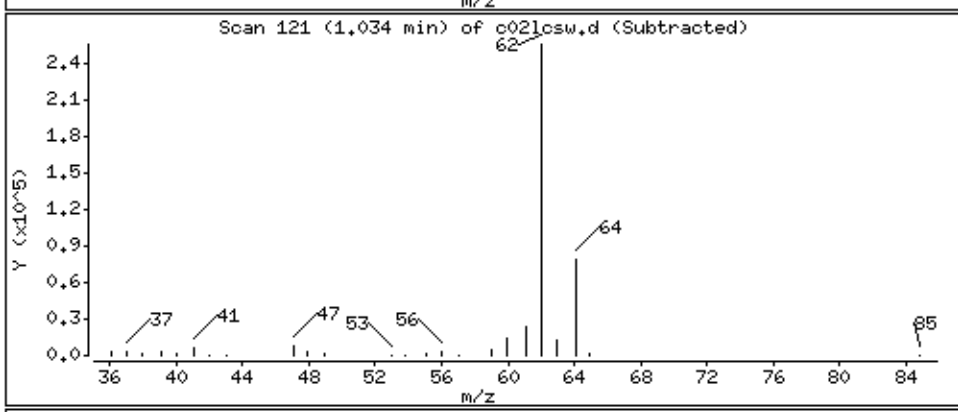
3 Vinyl Chloride

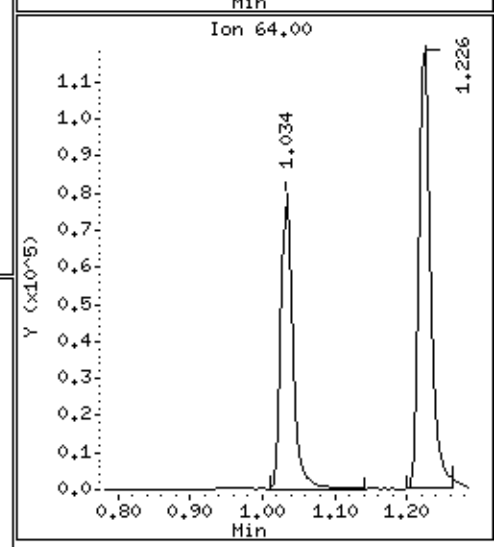
Concentration: 45.7 ppb

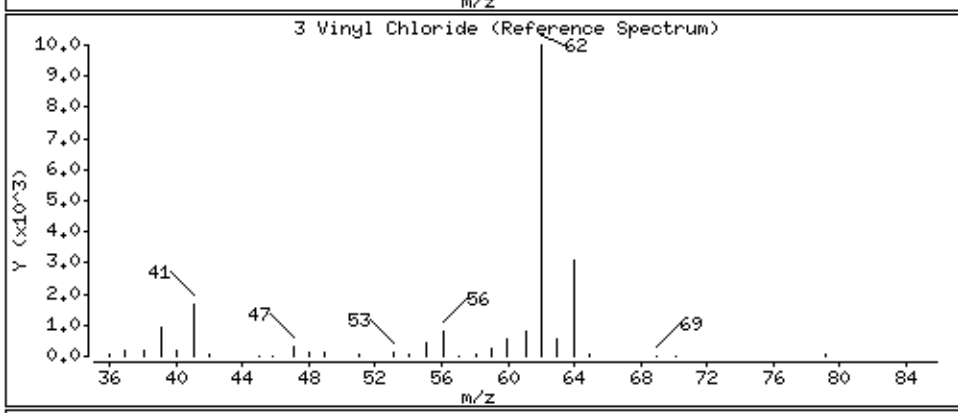
Review Code:

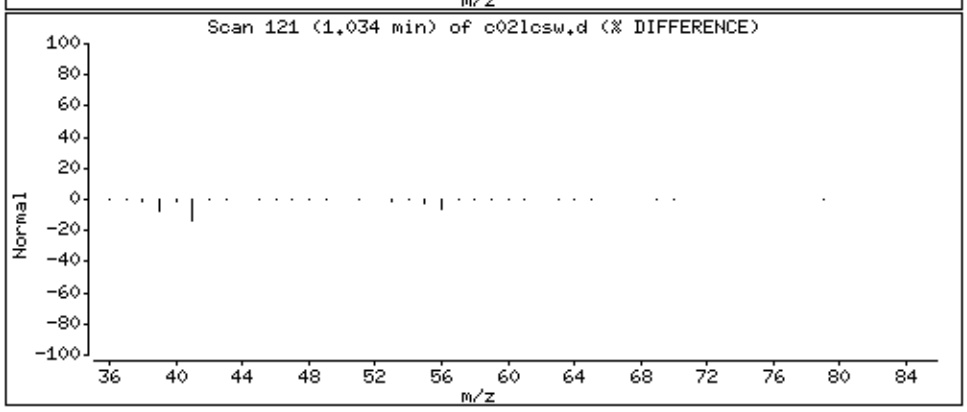












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

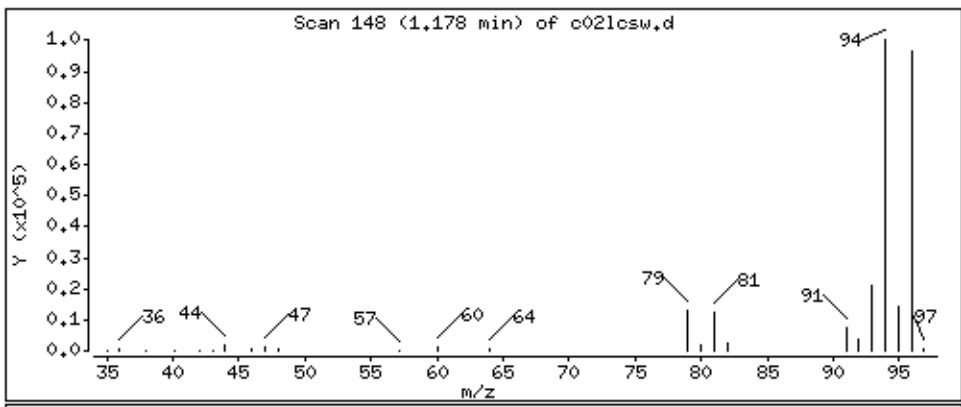
Column phase: DB-624

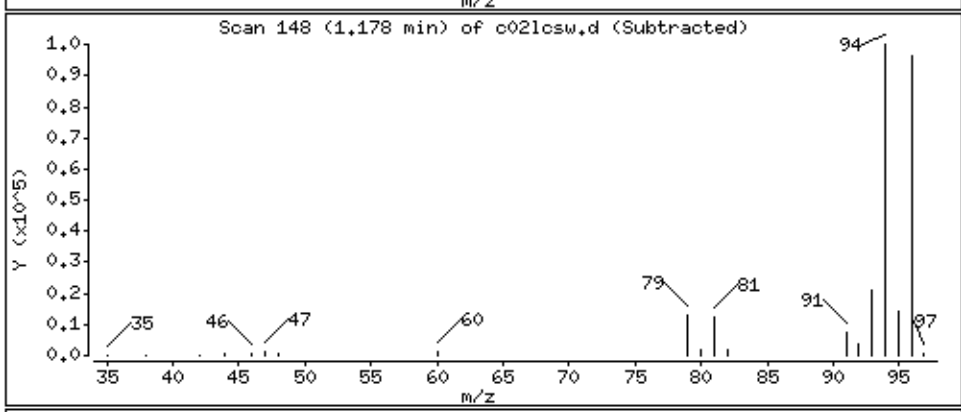
Column diameter: 0.18

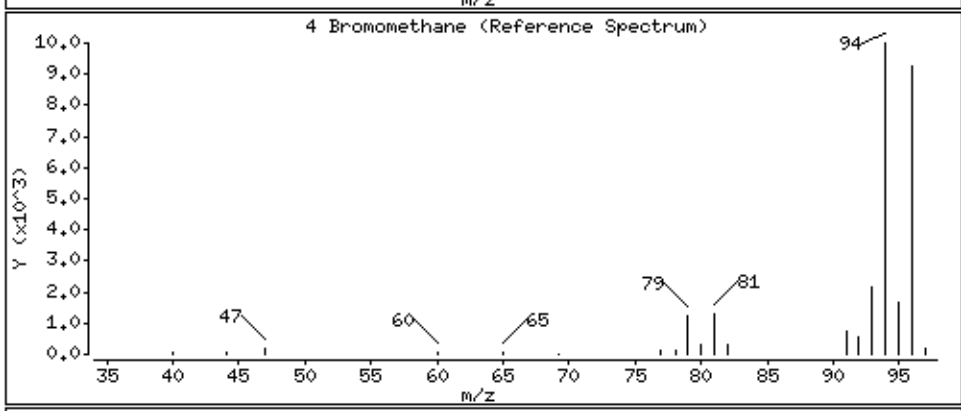
4 Bromomethane

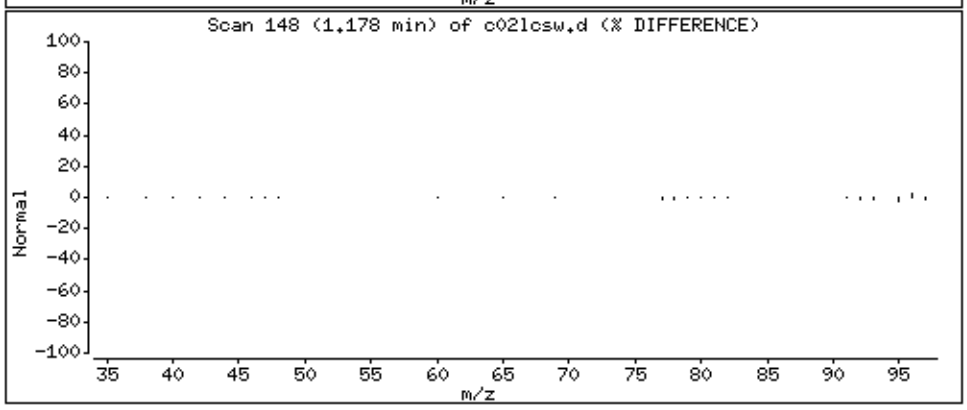
Concentration: 55.7 ppb

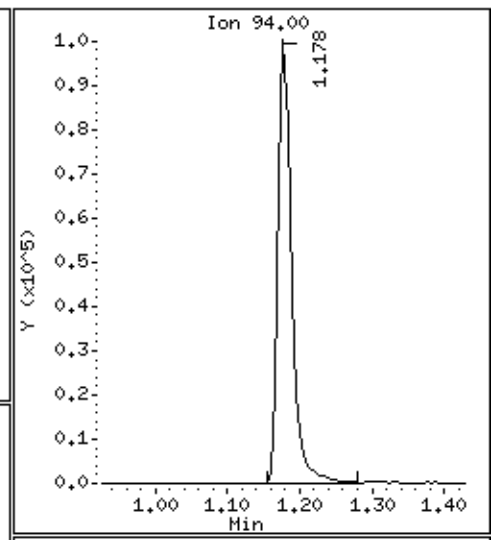
Review Code:

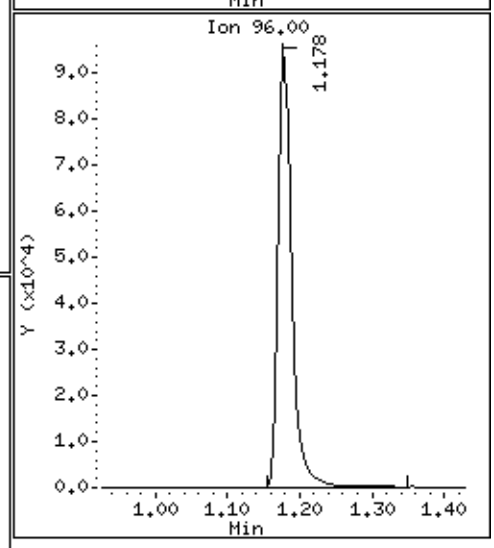












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

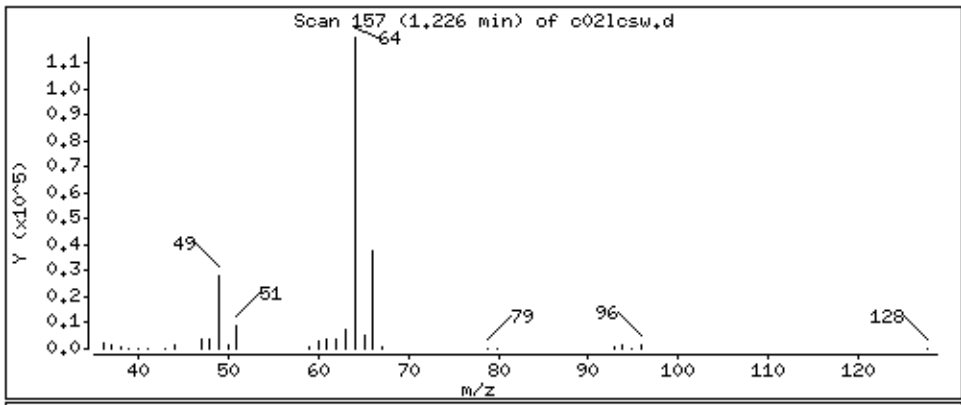
Column phase: DB-624

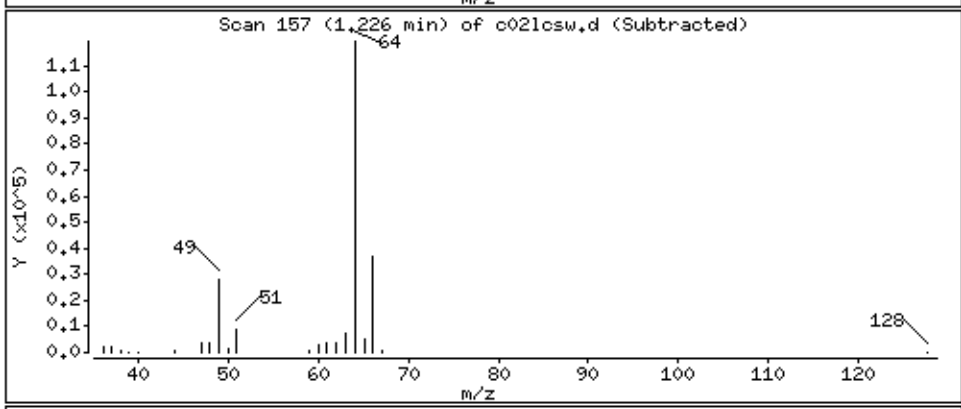
Column diameter: 0.18

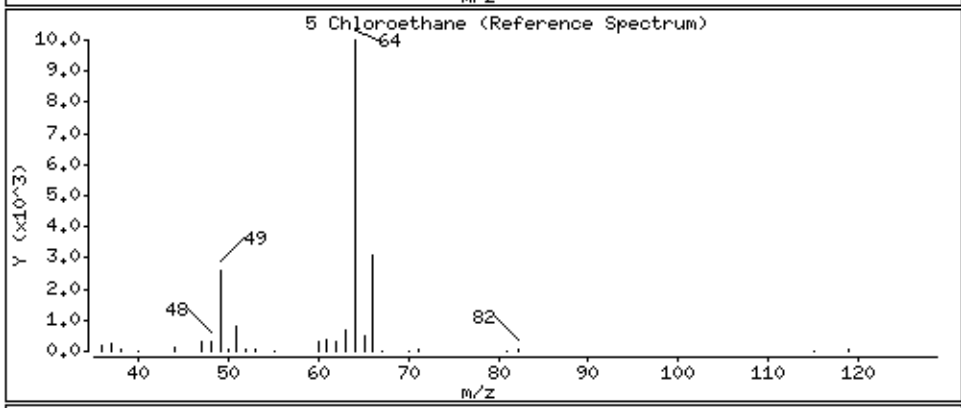
5 Chloroethane

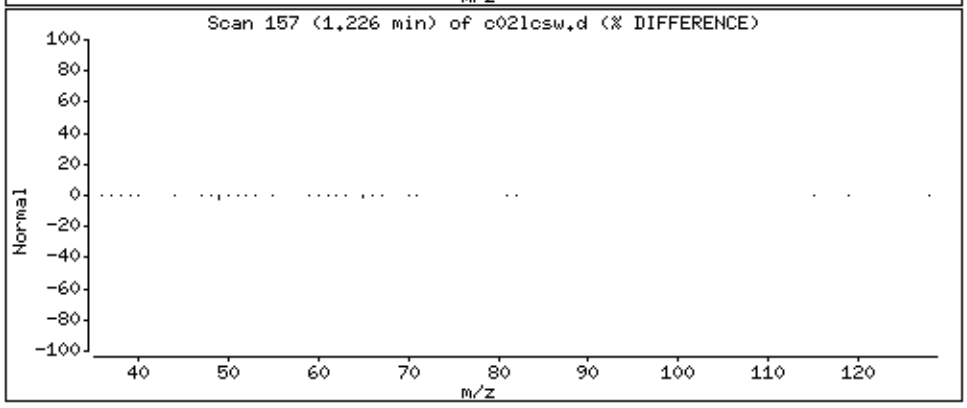
Concentration: 41.1 ppb

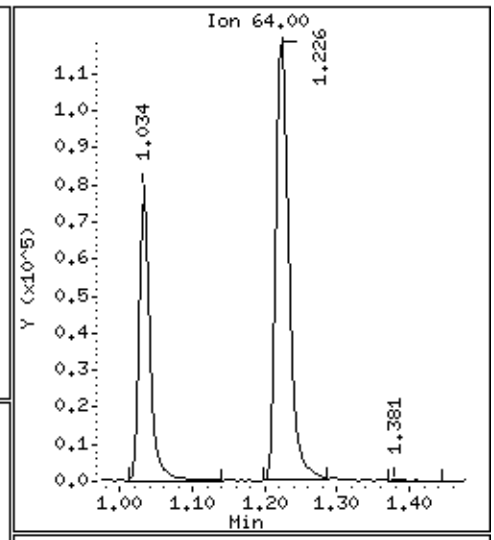
Review Code:

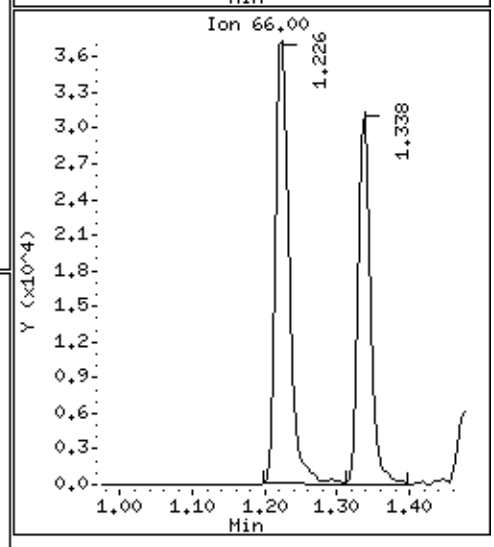












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

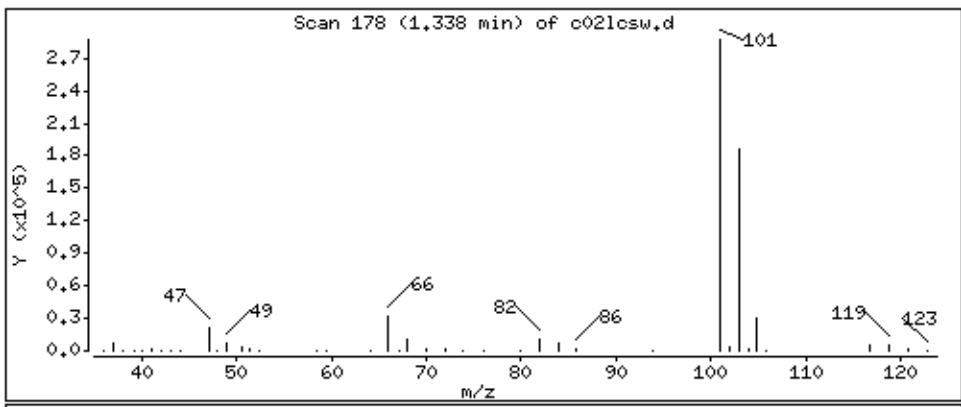
Column phase: DB-624

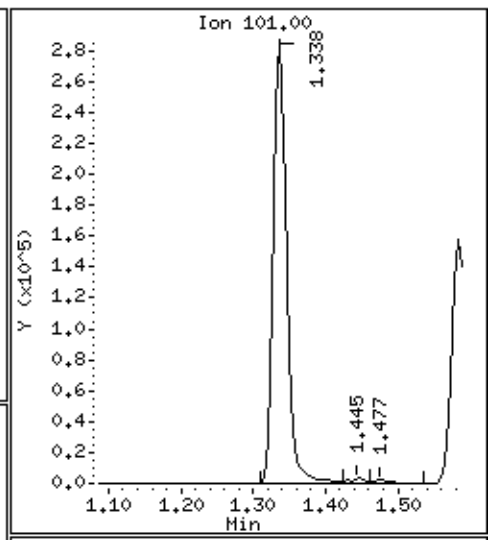
Column diameter: 0.18

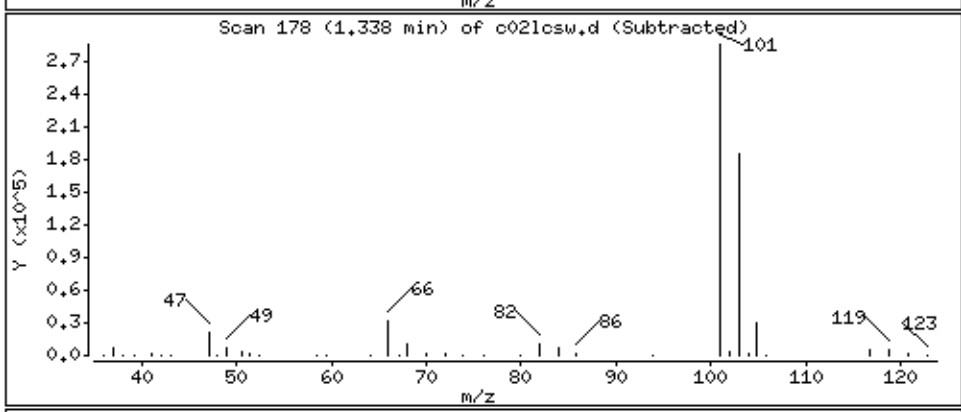
6 Trichlorofluoromethane

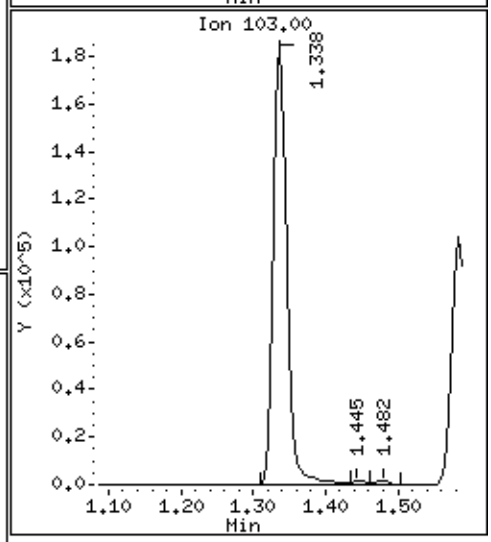
Concentration: 47.9 ppb

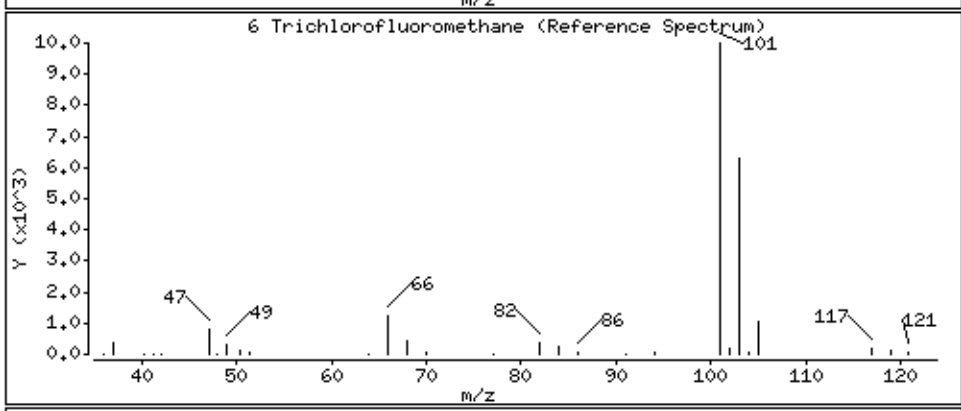
Review Code:

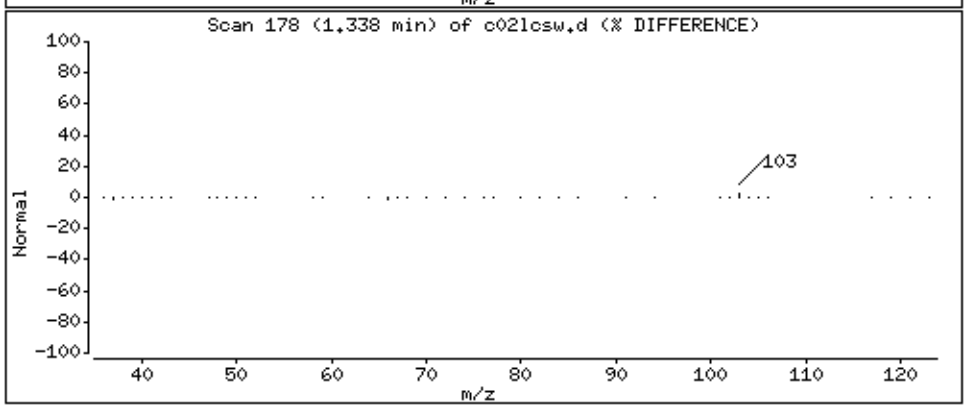












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

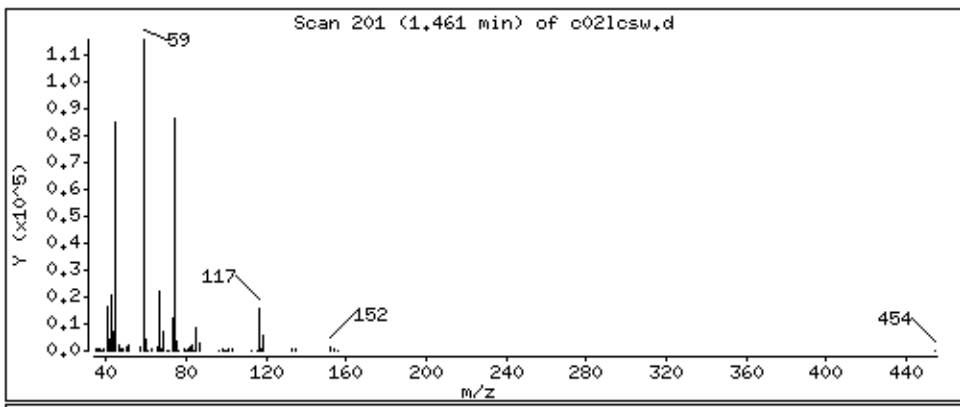
Column phase: DB-624

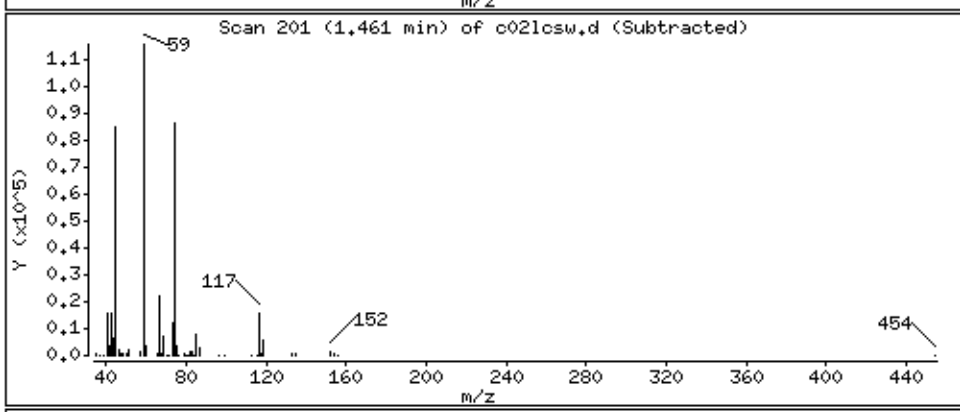
Column diameter: 0.18

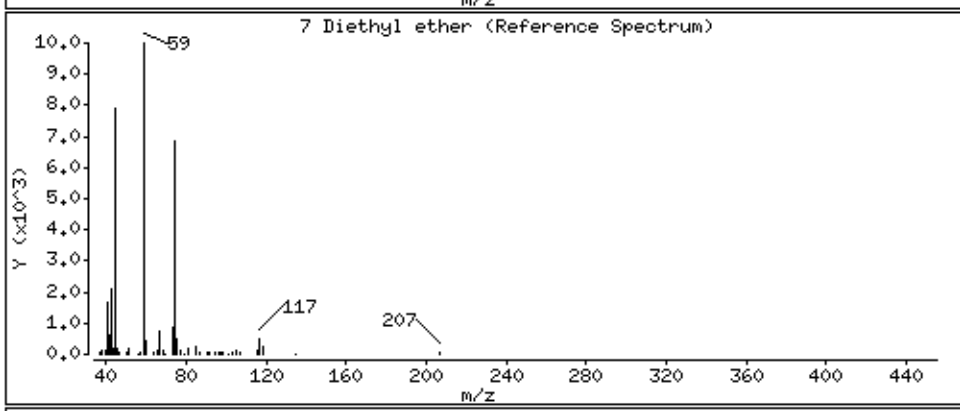
7 Diethyl ether

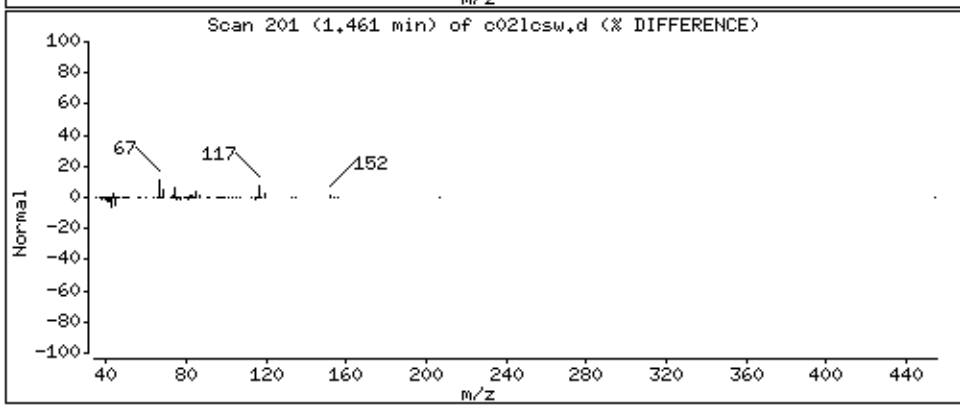
Concentration: 44.0 ppb

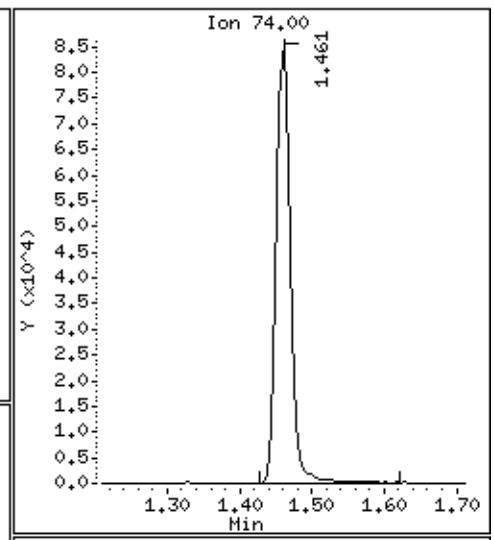
Review Code:

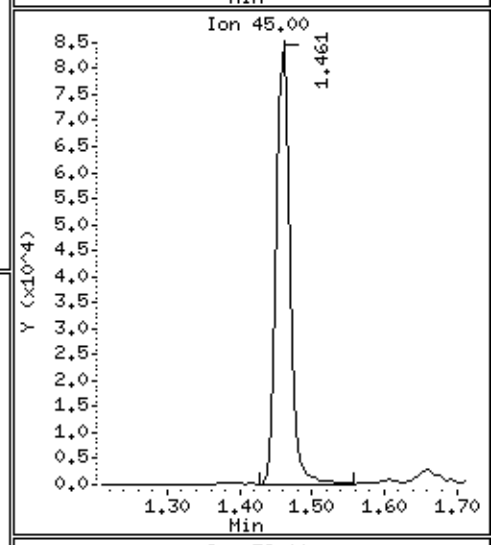


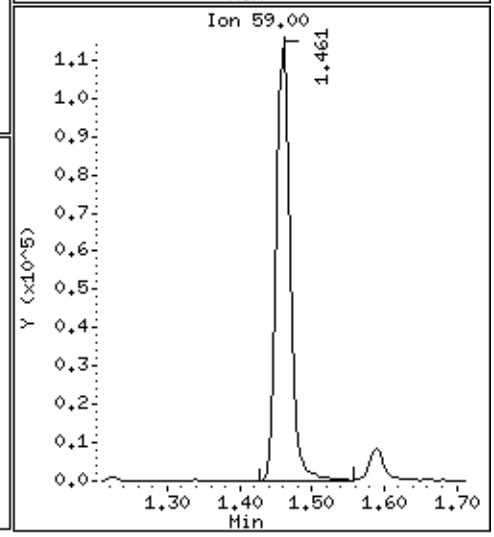












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

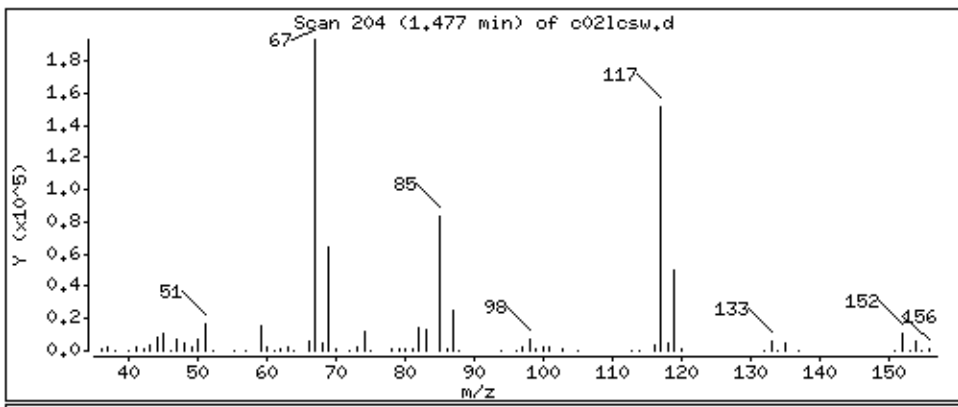
Column phase: DB-624

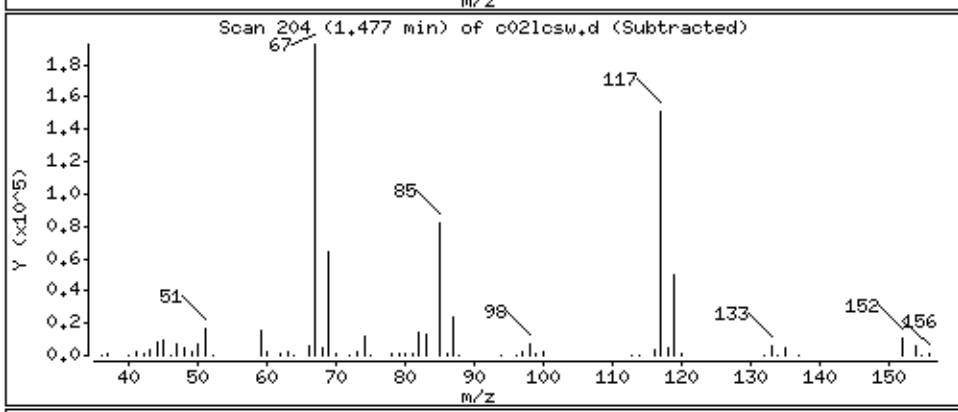
Column diameter: 0.18

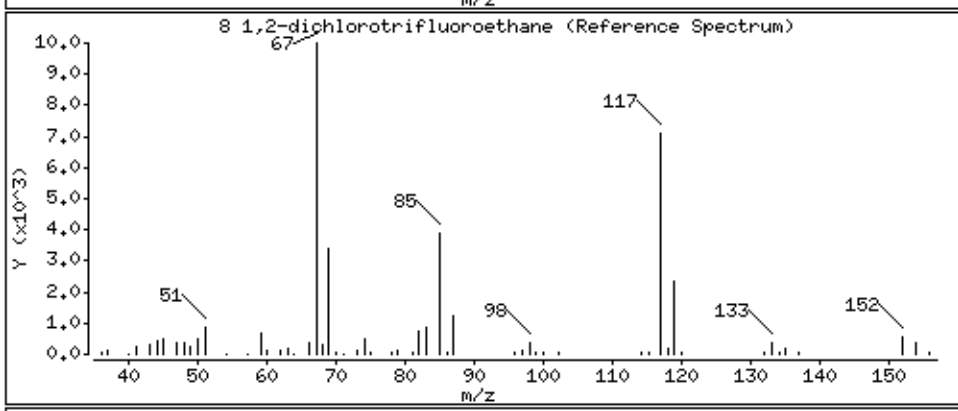
8 1,2-dichlorotrifluoroethane

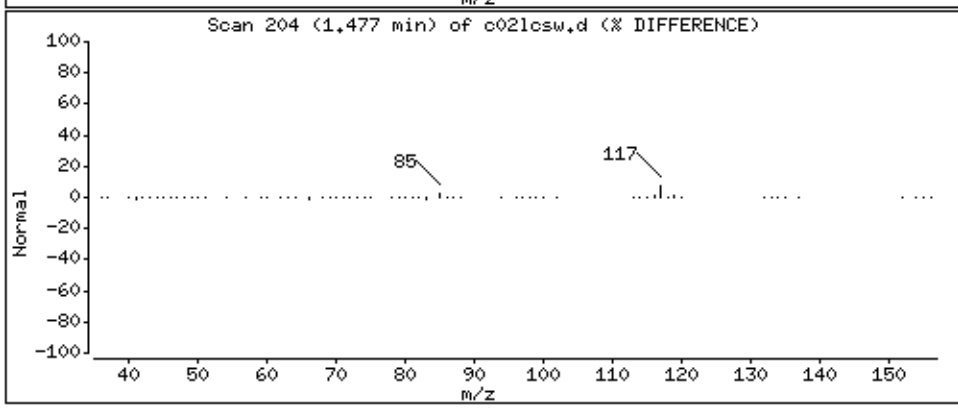
Concentration: 38.2 ppb

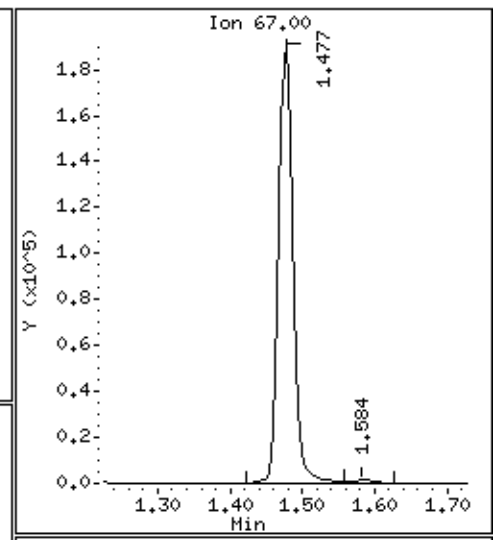
Review Code:

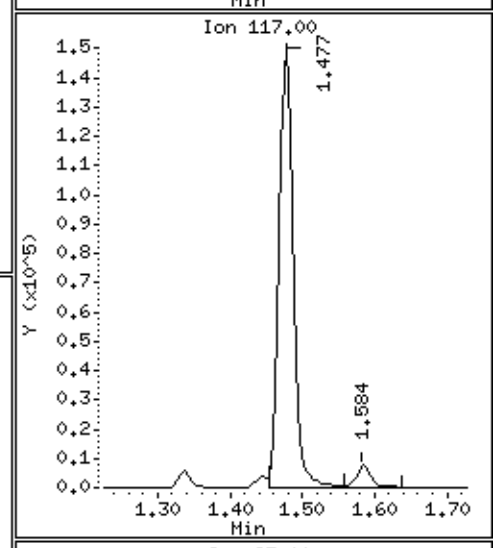


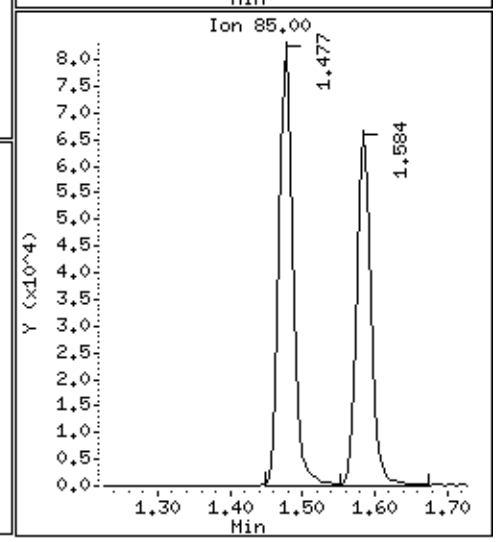












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

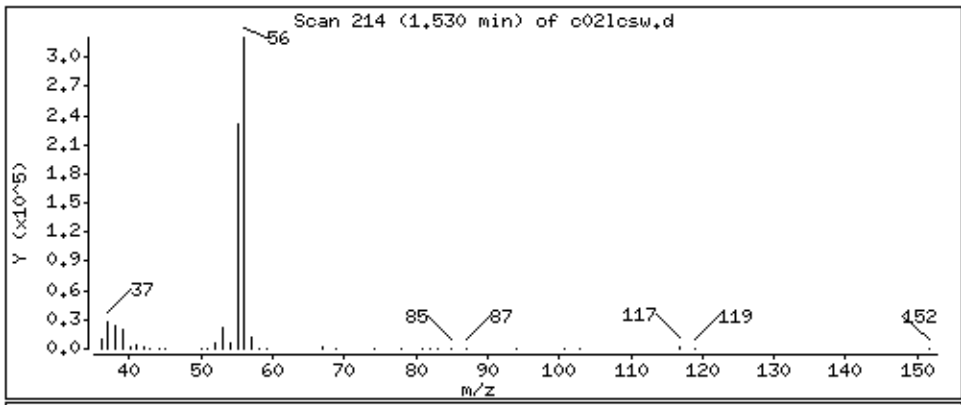
Column phase: DB-624

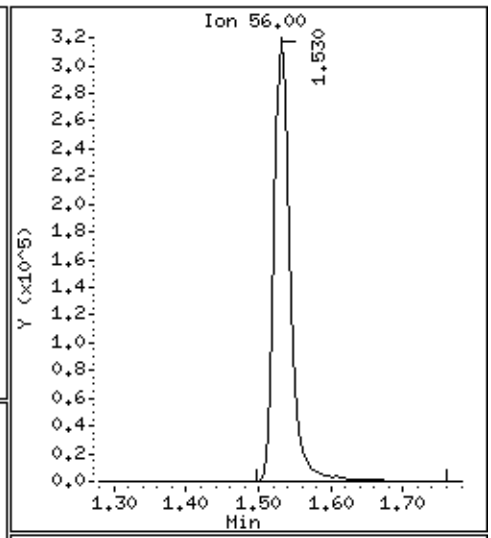
Column diameter: 0.18

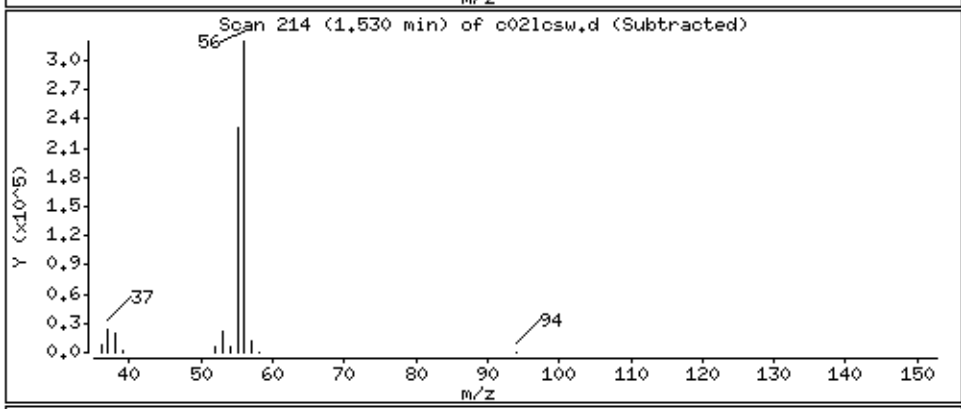
9 Acrolein

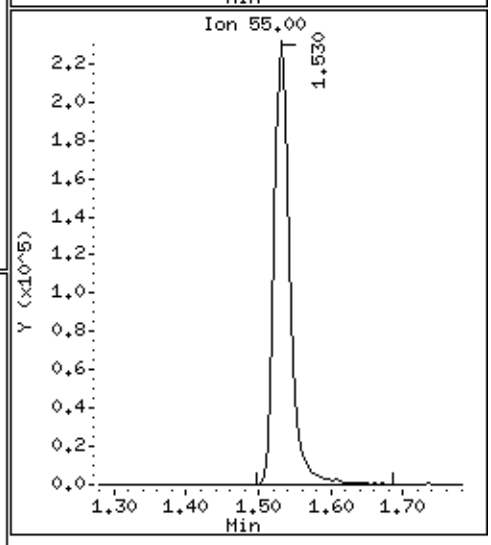
Concentration: 1210 ppb

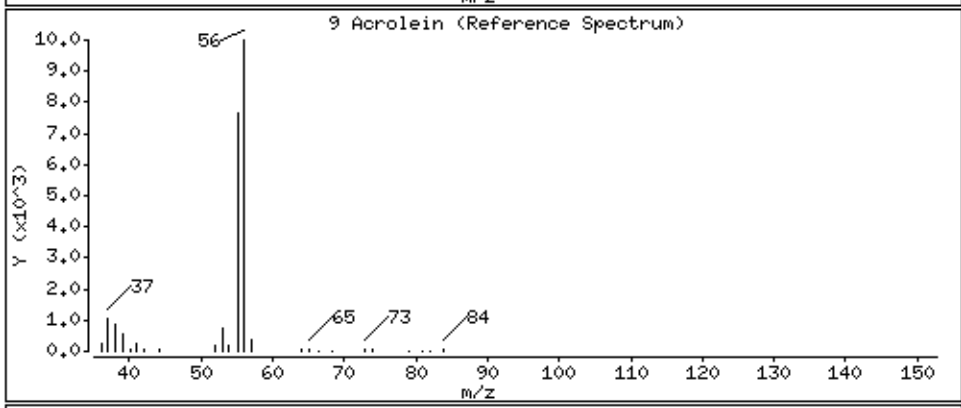
Review Code:

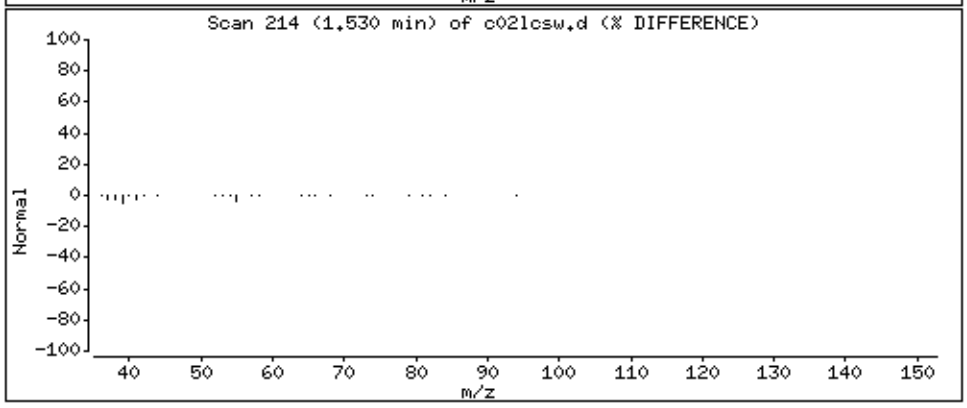












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

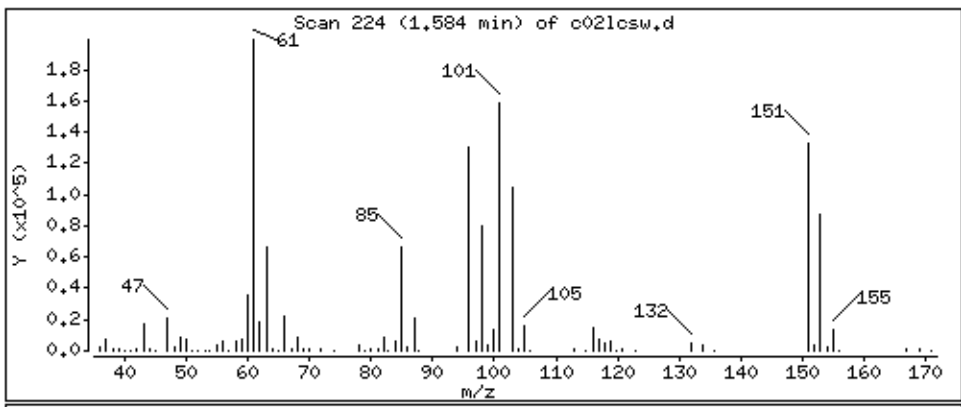
Column phase: DB-624

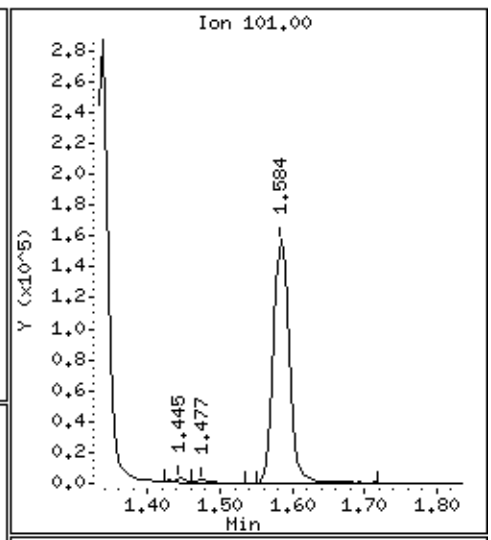
Column diameter: 0.18

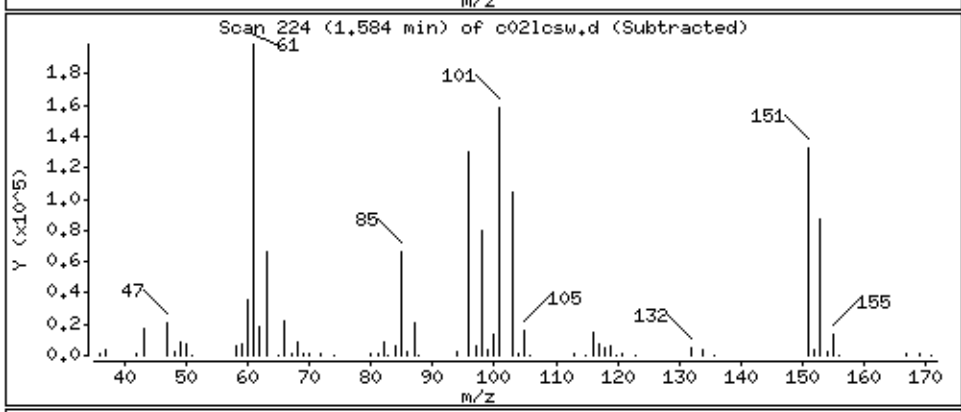
10 1,1,2trichlorotrifluoroethane

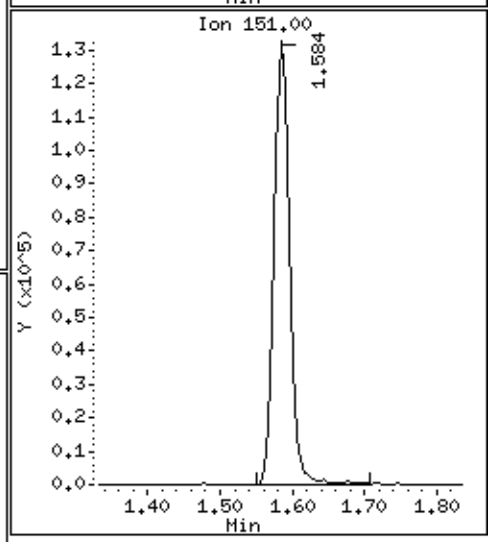
Concentration: 42.0 ppb

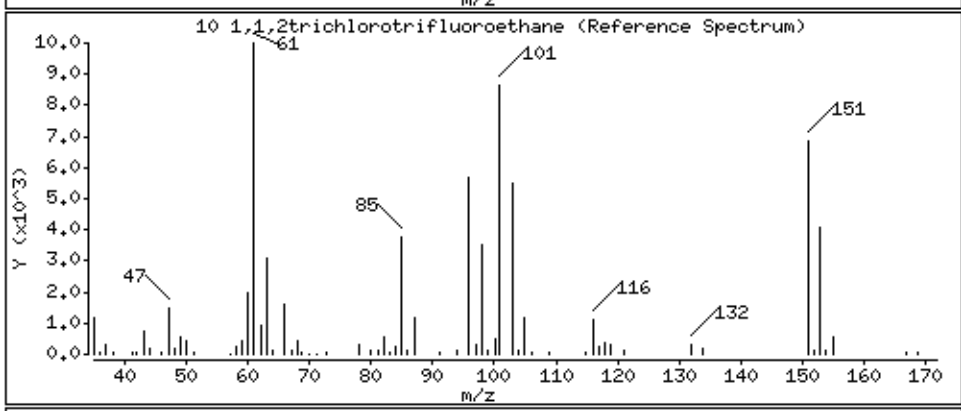
Review Code:

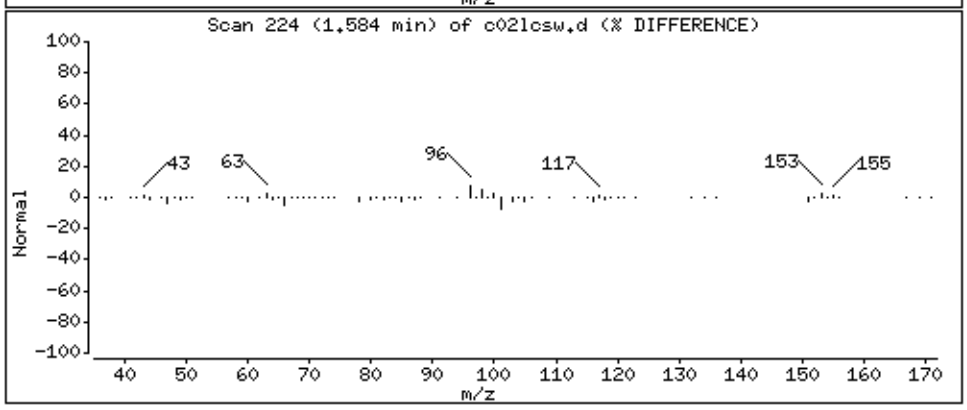












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Page 15

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

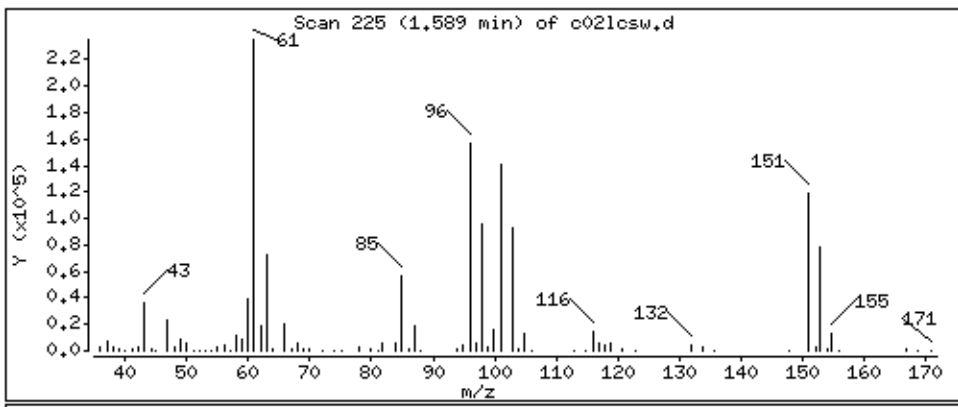
Column phase: DB-624

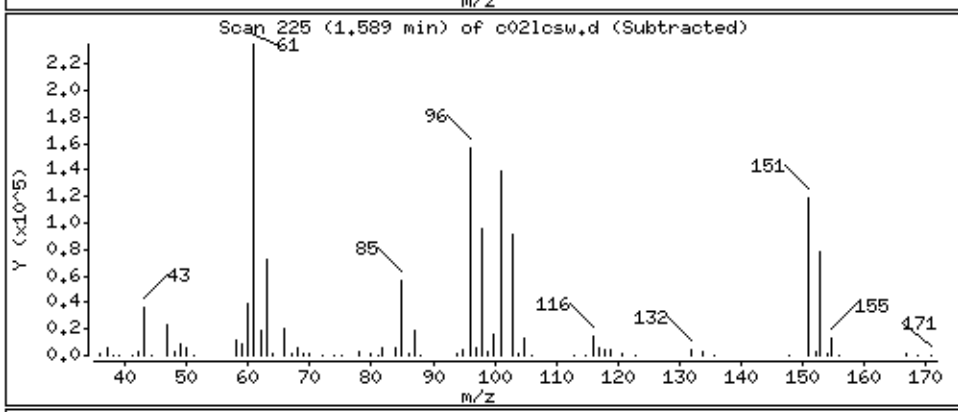
Column diameter: 0.18

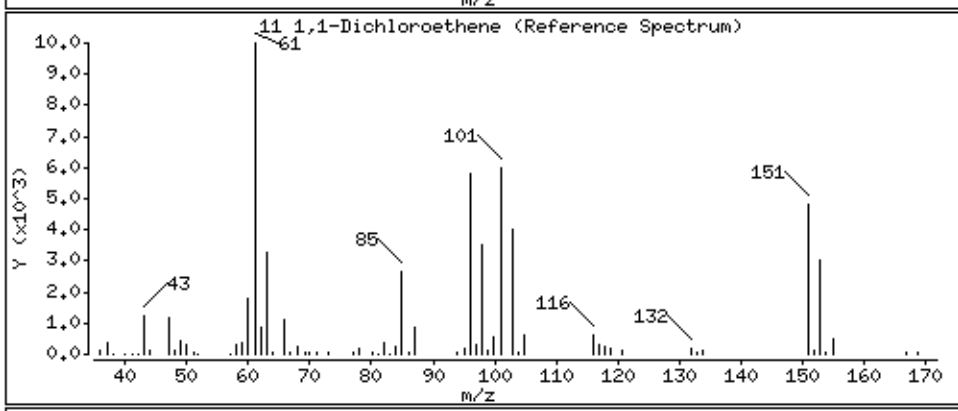
11 1,1-Dichloroethene

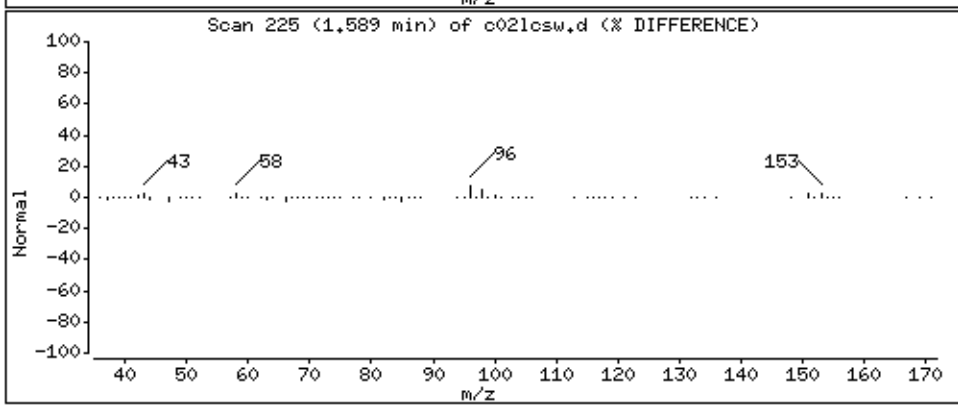
Concentration: 42.0 ppb

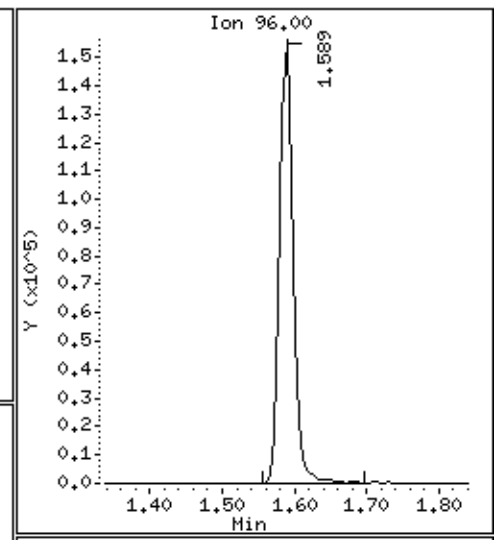
Review Code:

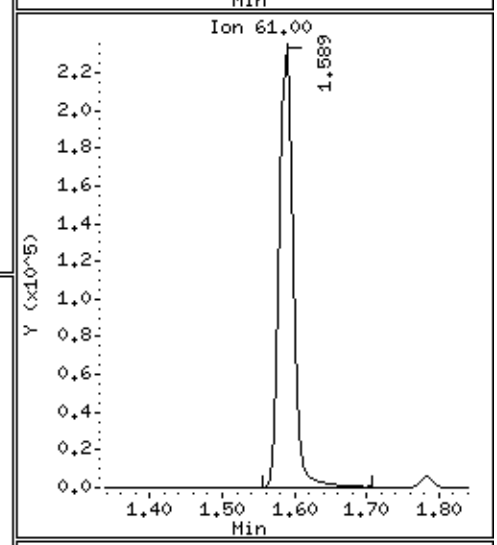


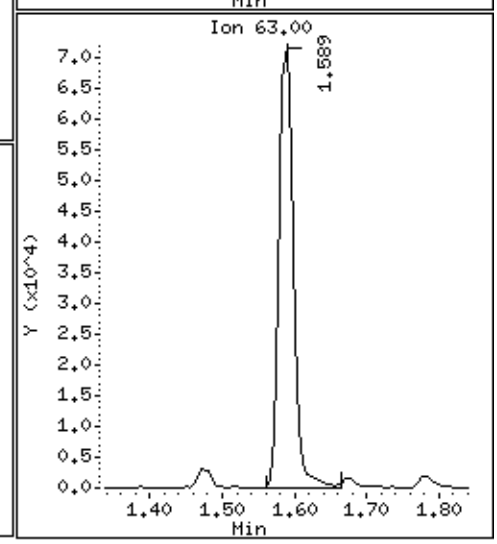












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

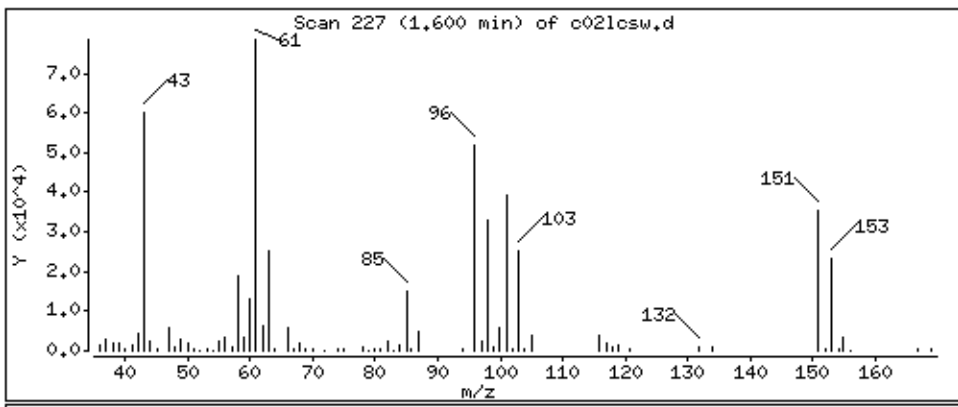
Column phase: DB-624

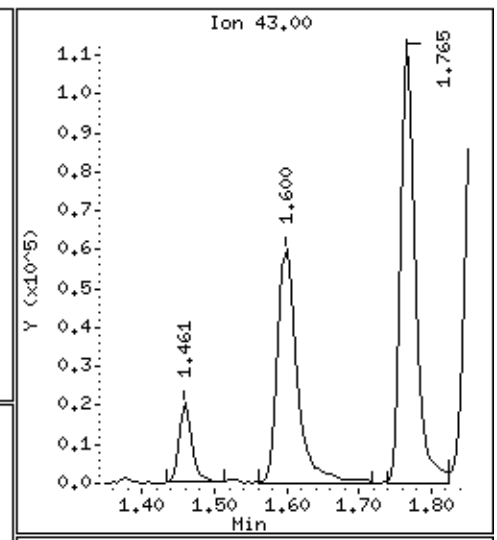
Column diameter: 0.18

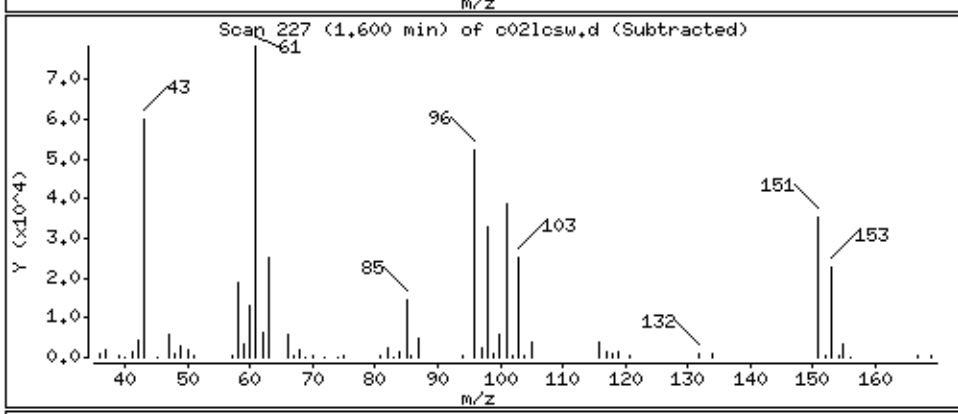
12 Acetone

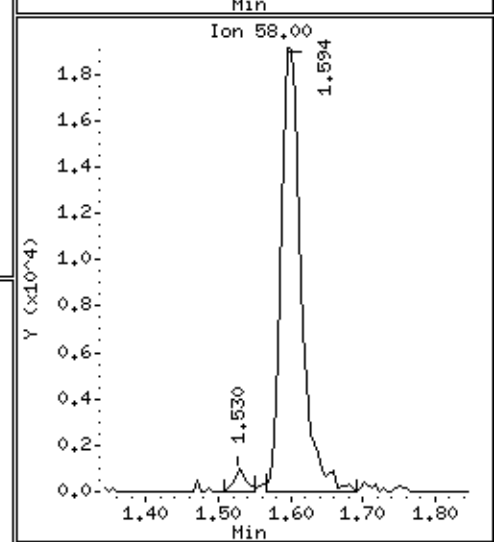
Concentration: 188 ppb

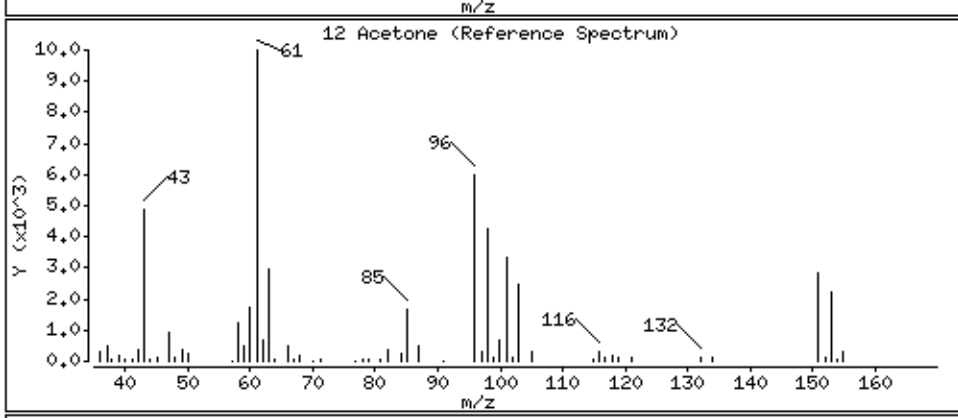
Review Code:

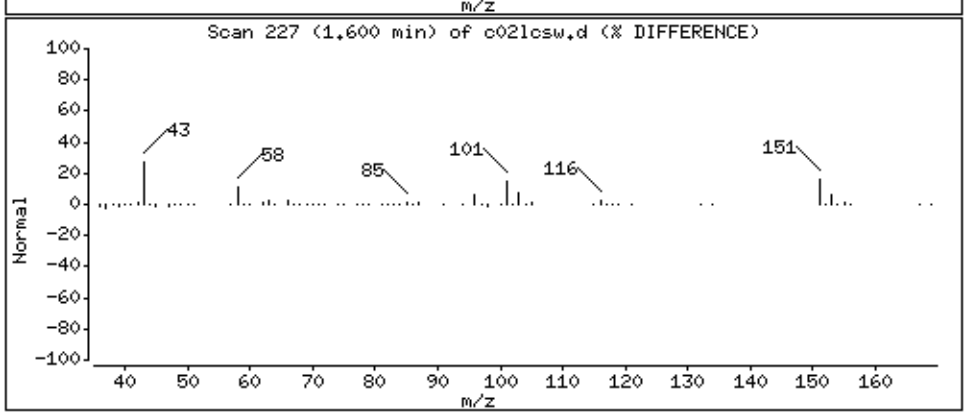












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

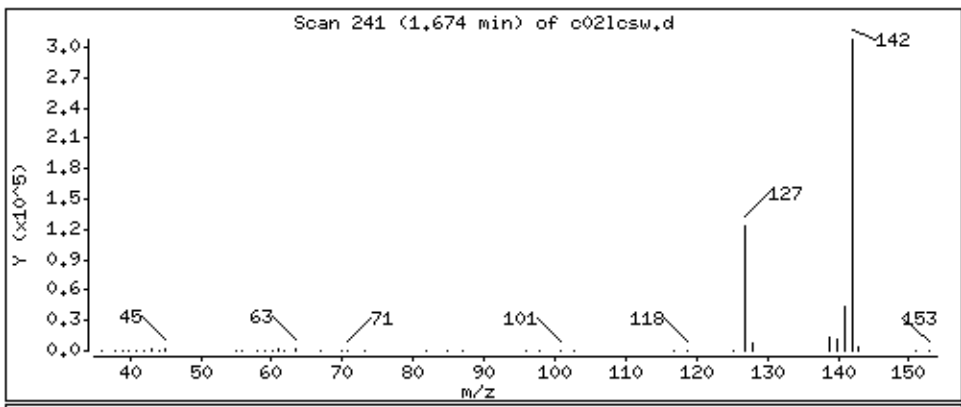
Column phase: DB-624

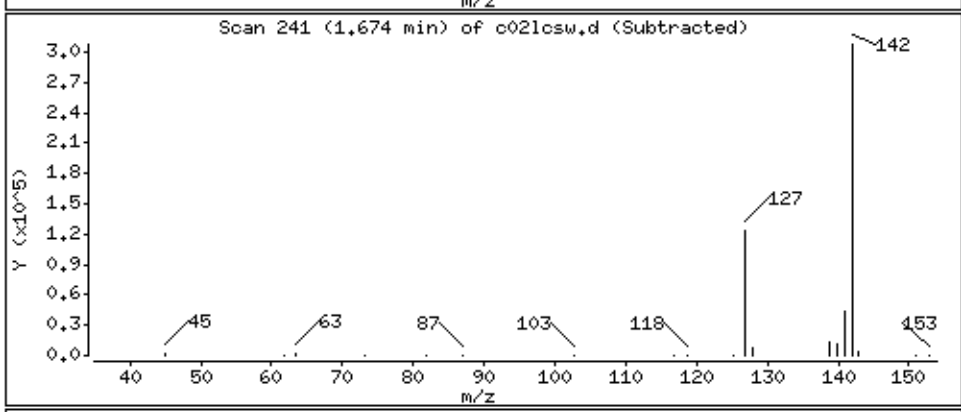
Column diameter: 0.18

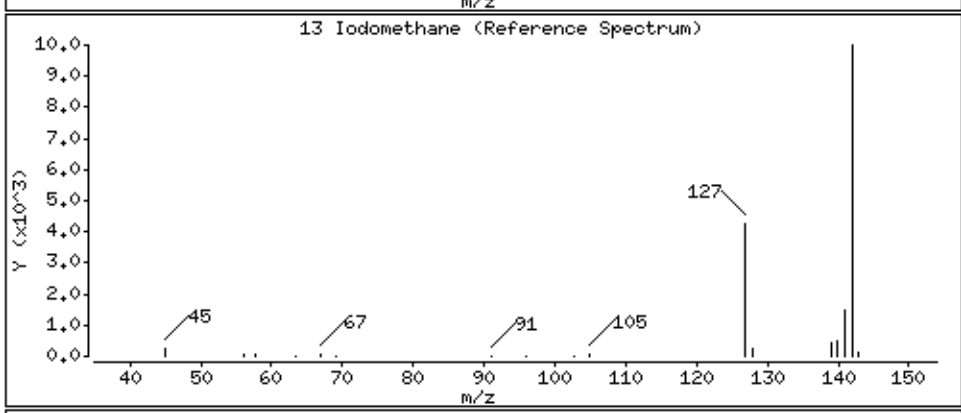
13 Iodomethane

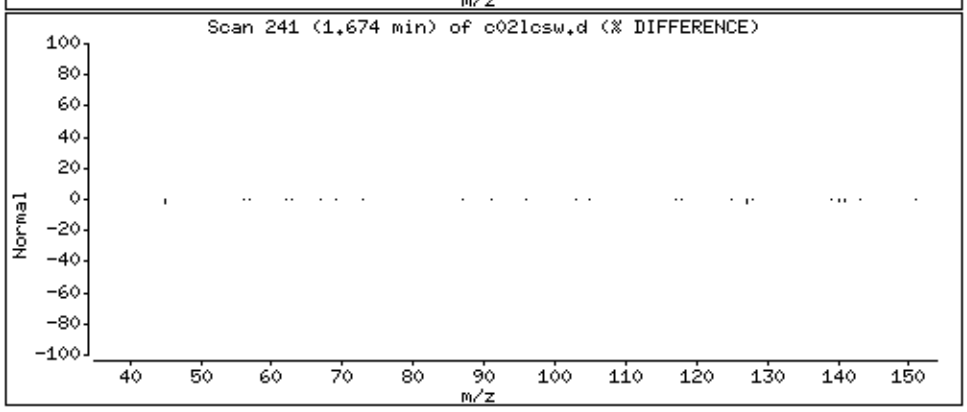
Concentration: 106 ppb

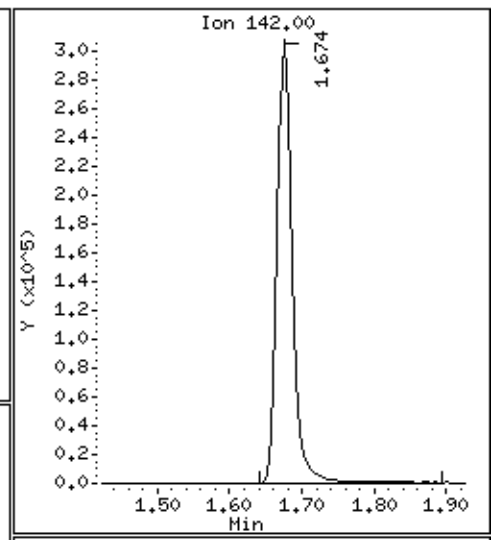
Review Code:

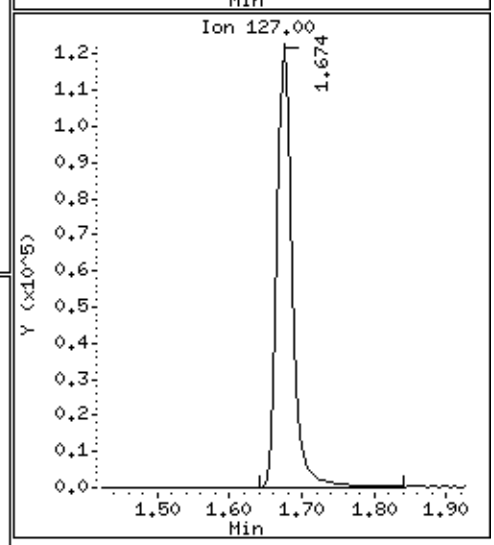












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

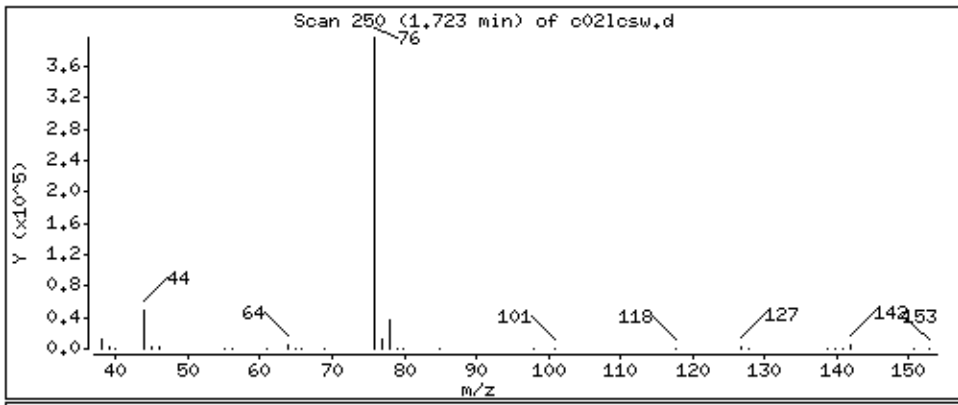
Column phase: DB-624

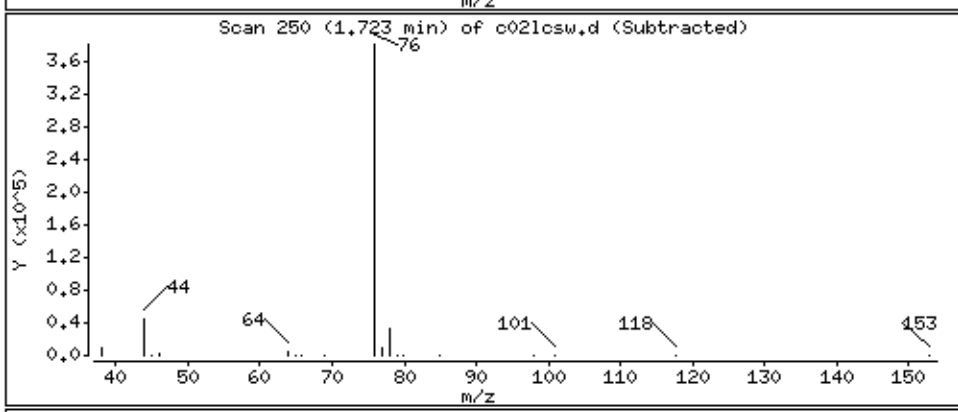
Column diameter: 0.18

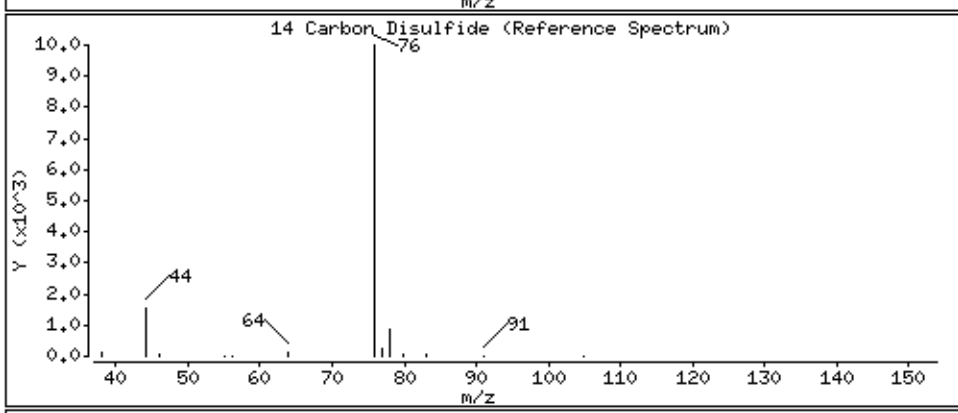
14 Carbon Disulfide

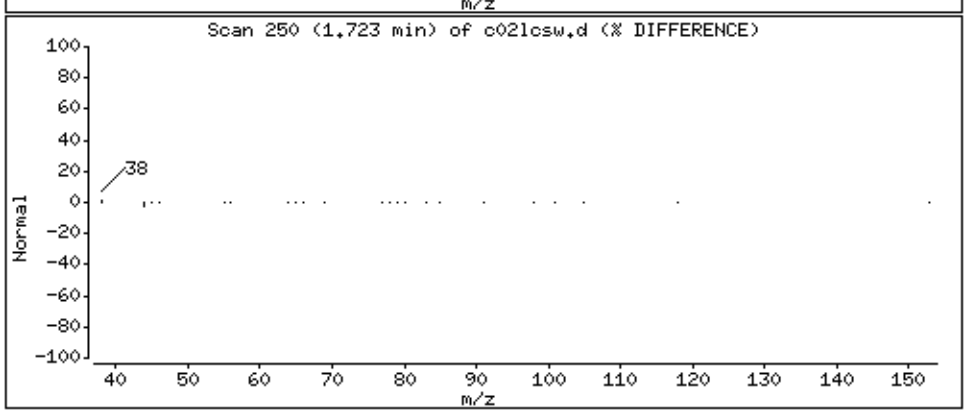
Concentration: 37.7 ppb

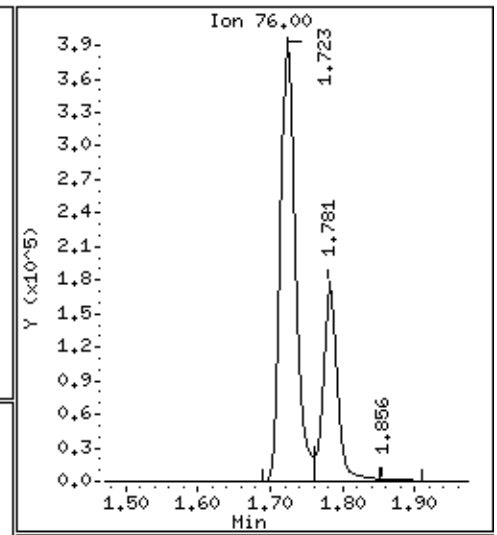
Review Code:

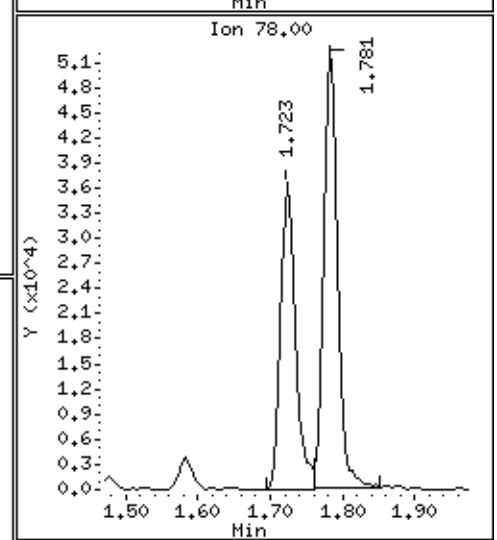












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

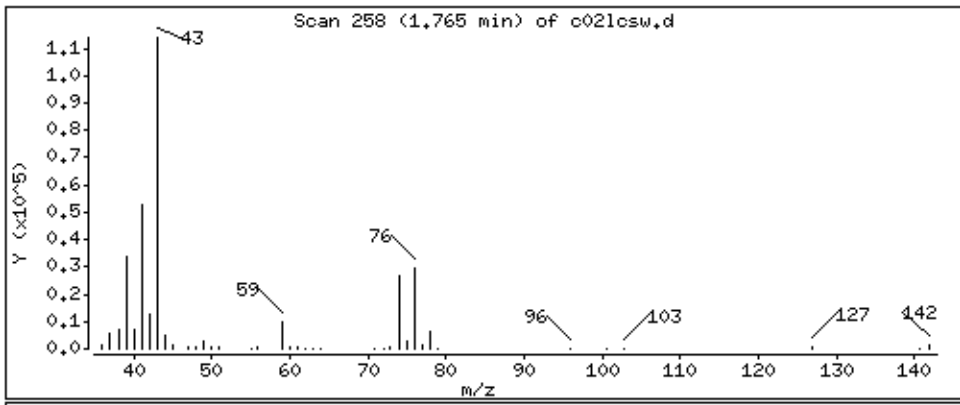
Column phase: DB-624

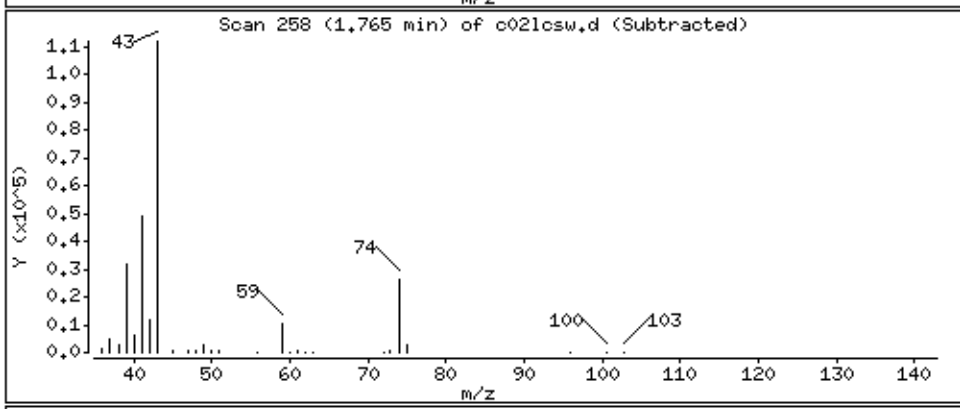
Column diameter: 0.18

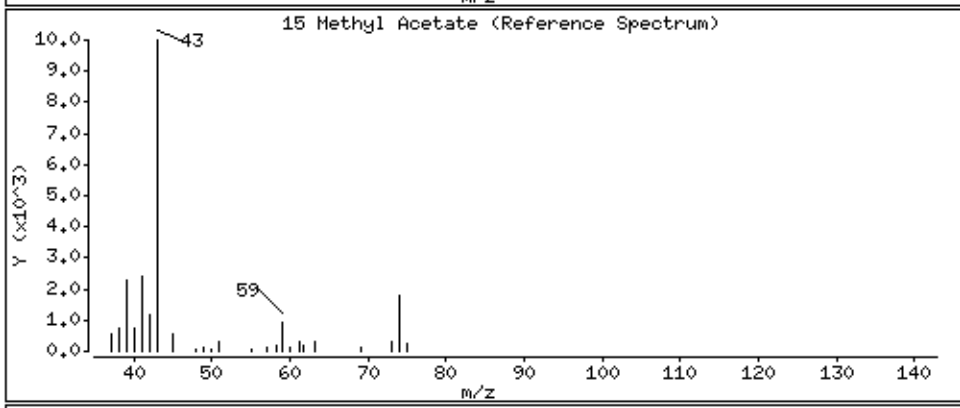
15 Methyl Acetate

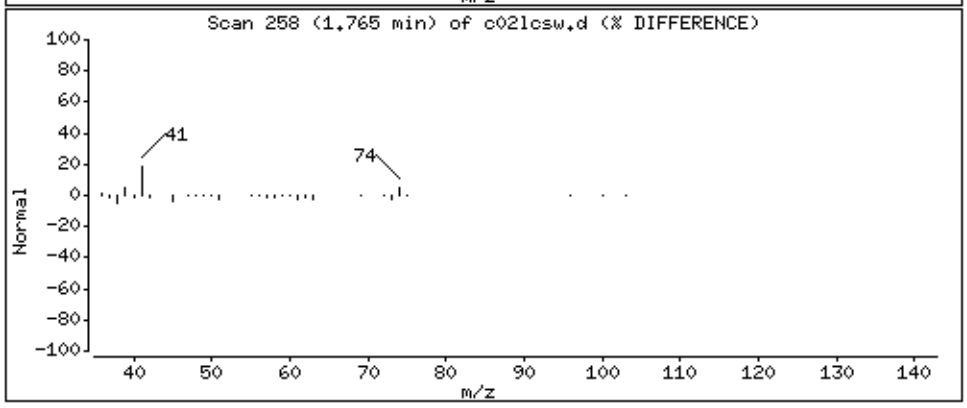
Concentration: 98.5 ppb

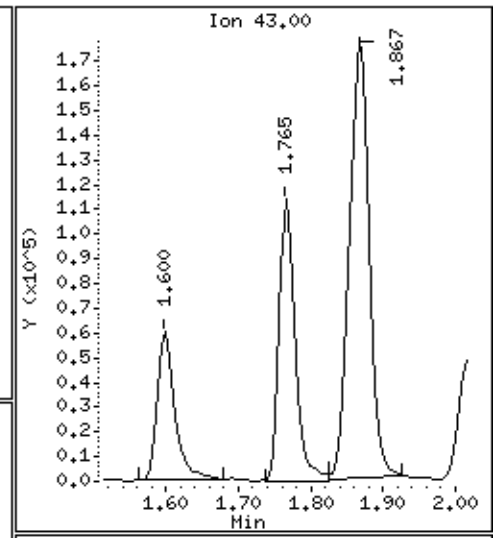
Review Code:

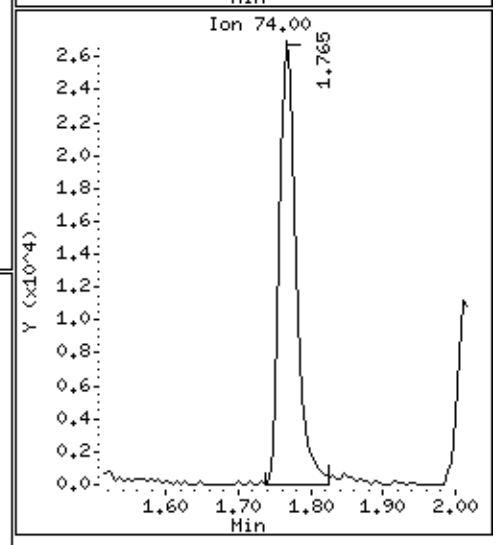












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

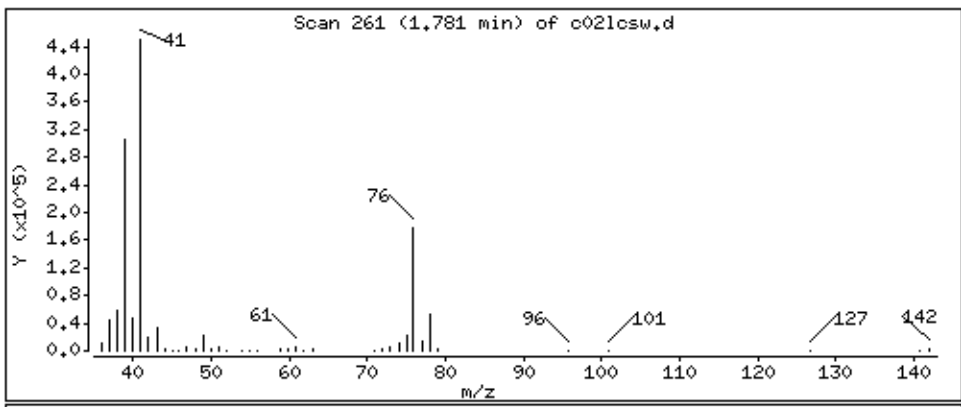
Column phase: DB-624

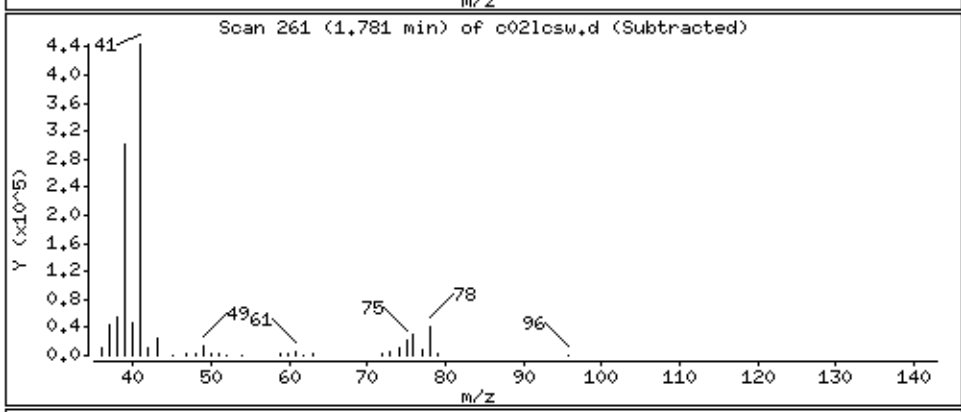
Column diameter: 0.18

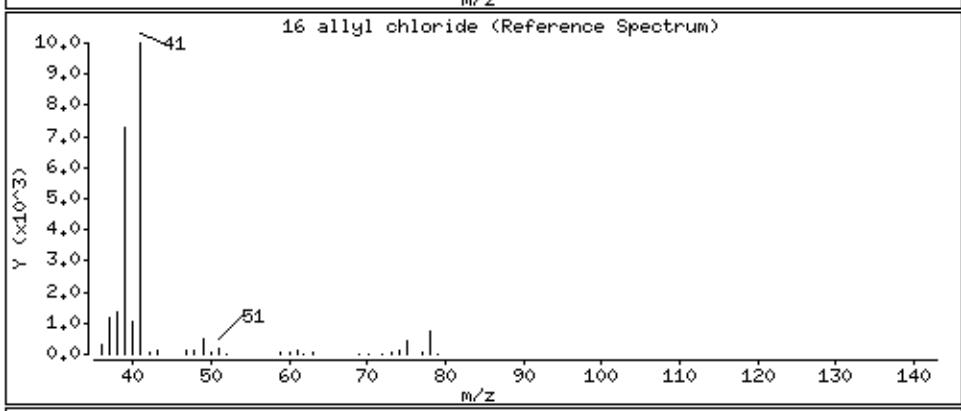
16 allyl chloride

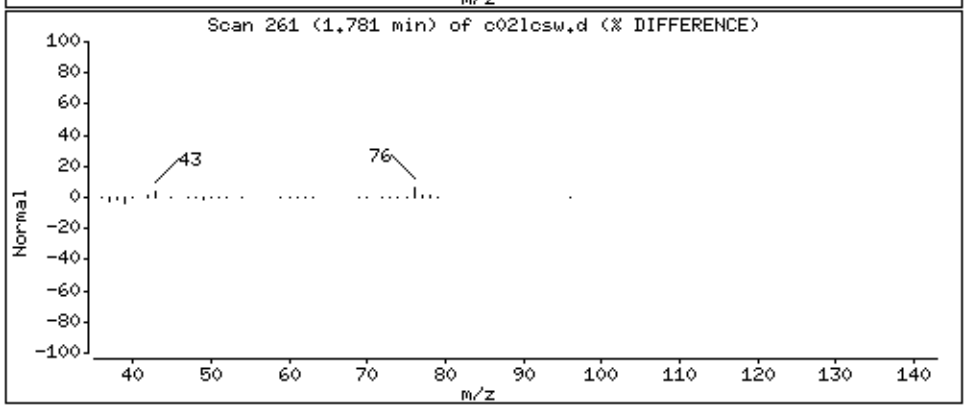
Concentration: 90.6 ppb

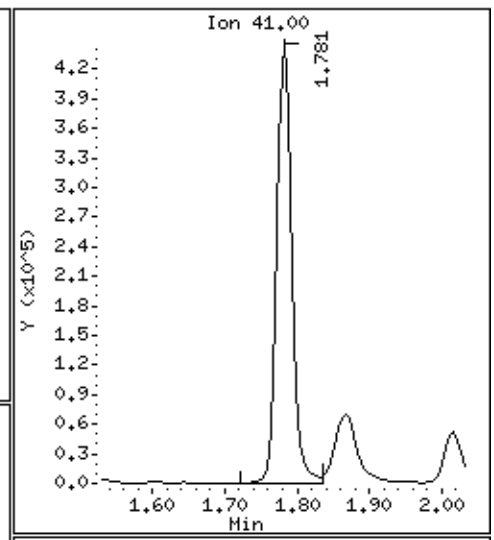
Review Code:

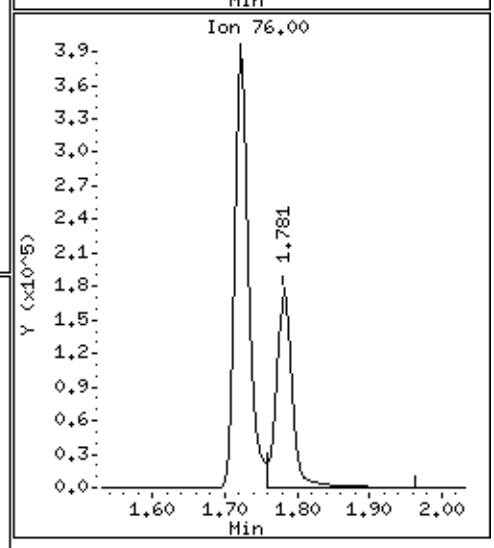












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

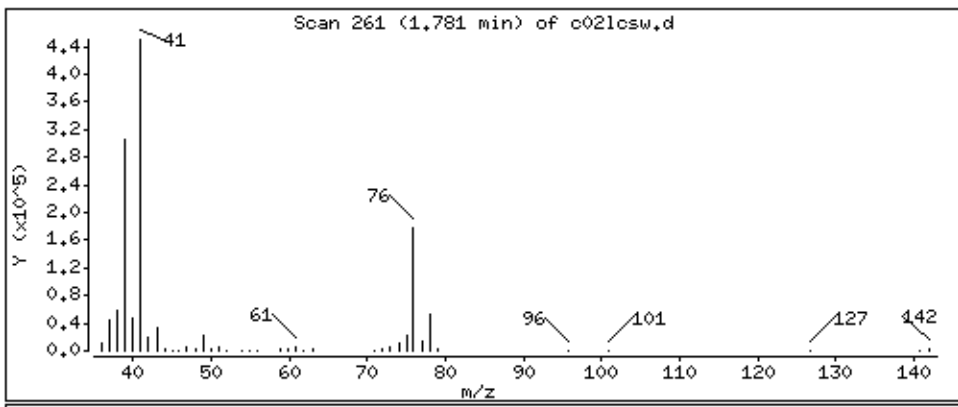
Column phase: DB-624

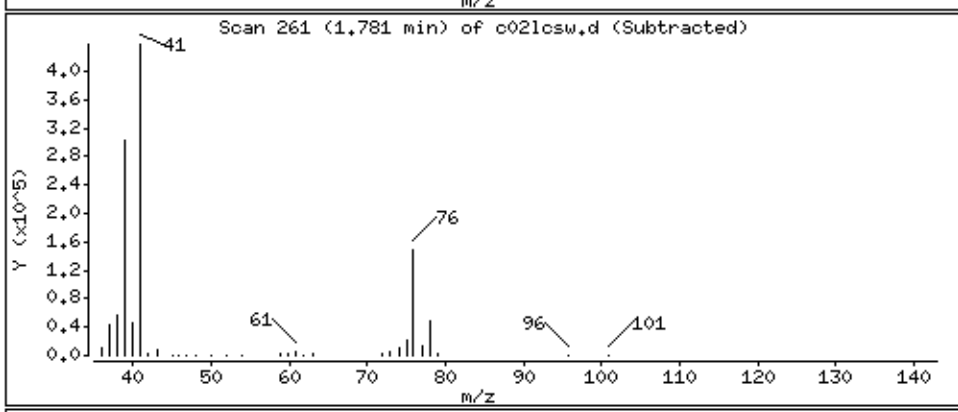
Column diameter: 0.18

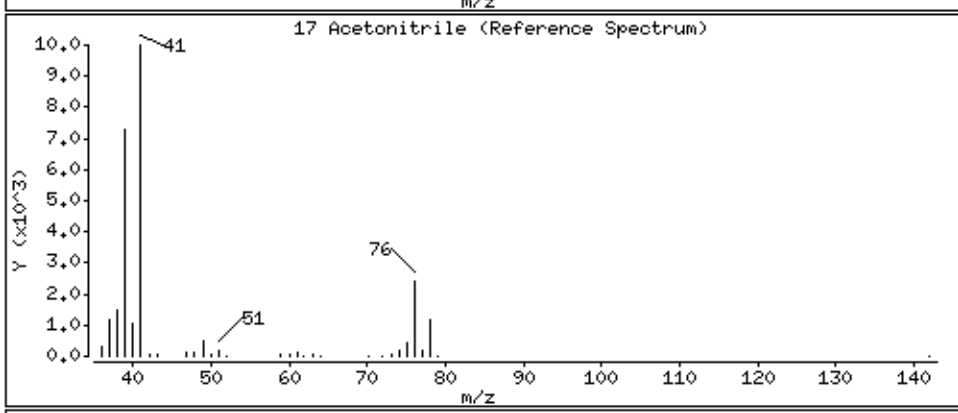
17 Acetonitrile

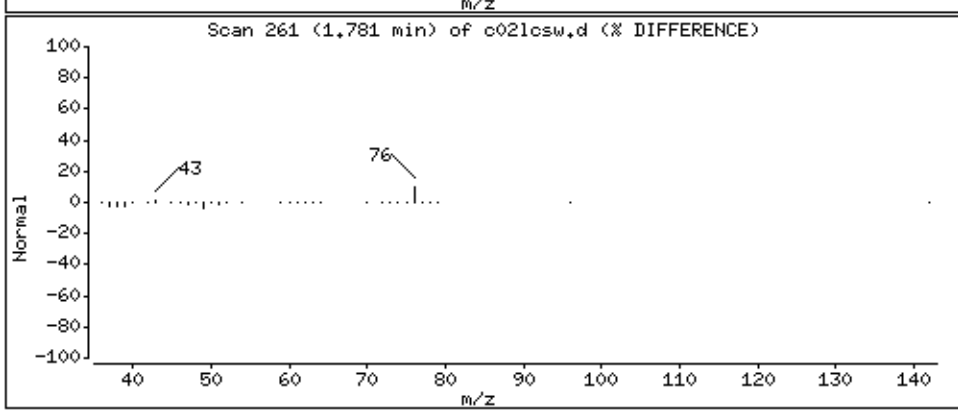
Concentration: 40.8 ppb

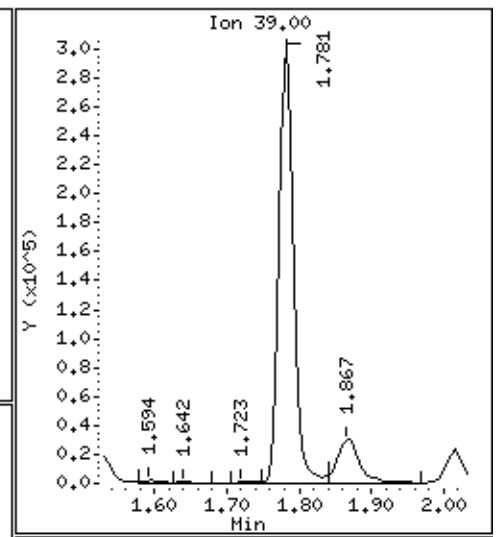
Review Code:

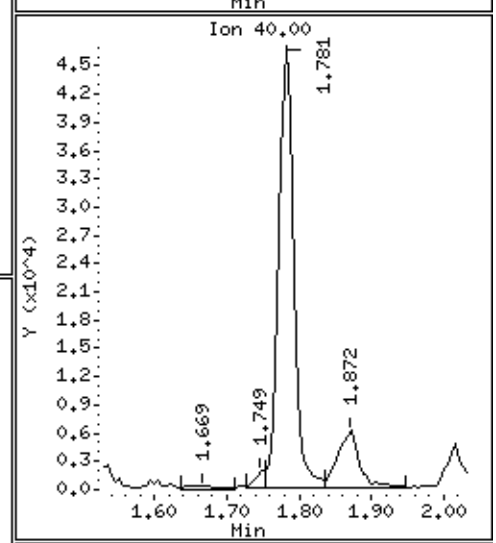


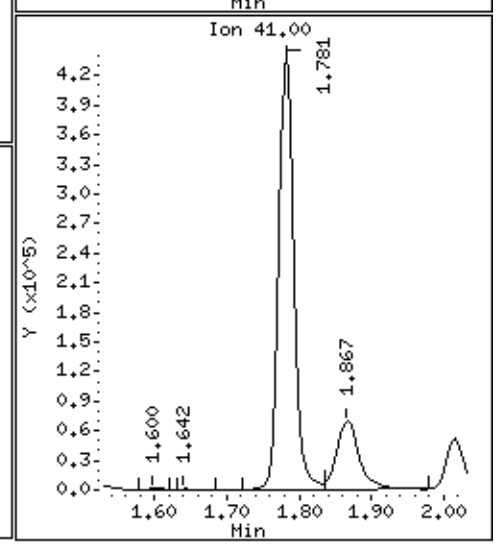












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

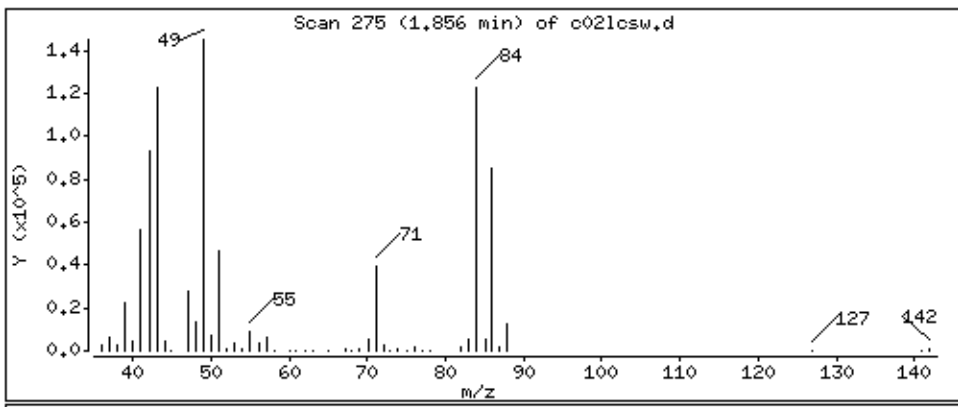
Column phase: DB-624

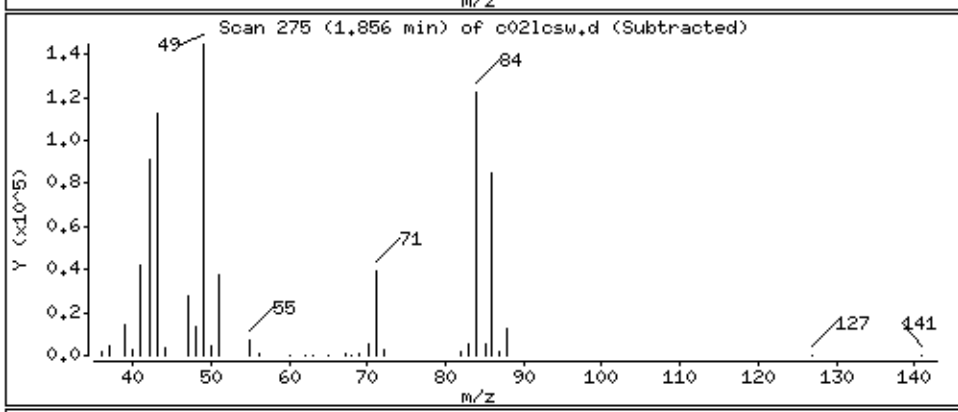
Column diameter: 0.18

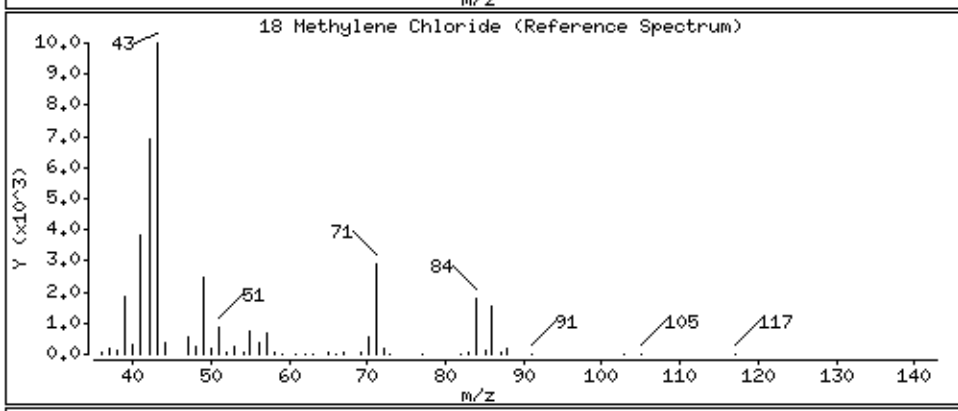
18 Methylene Chloride

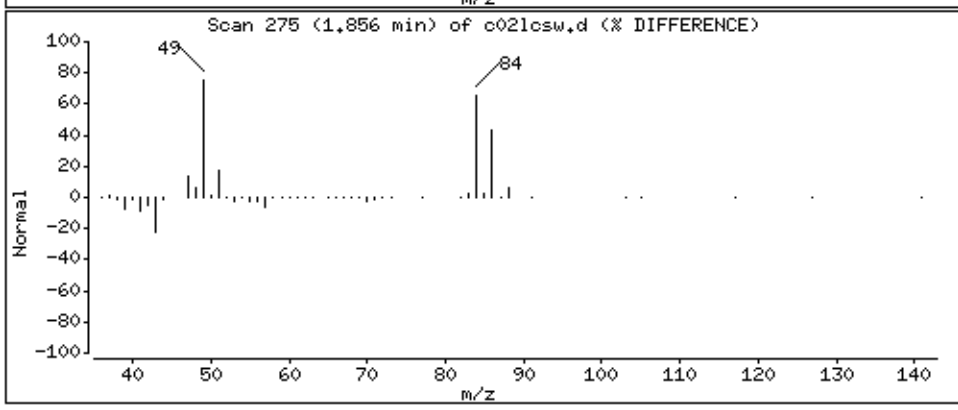
Concentration: 41.5 ppb

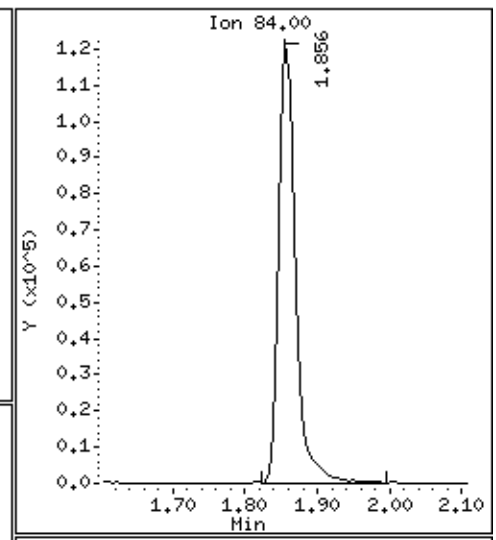
Review Code:

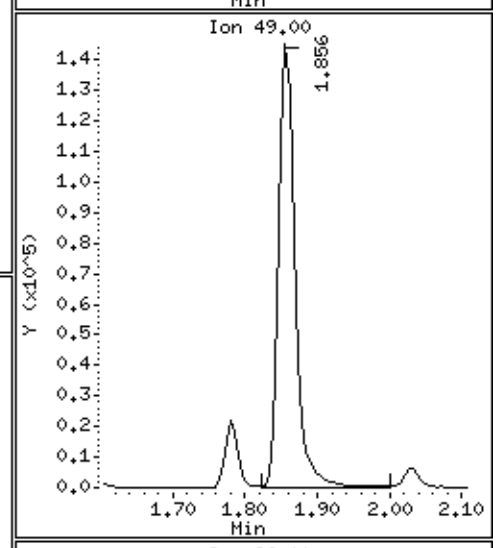


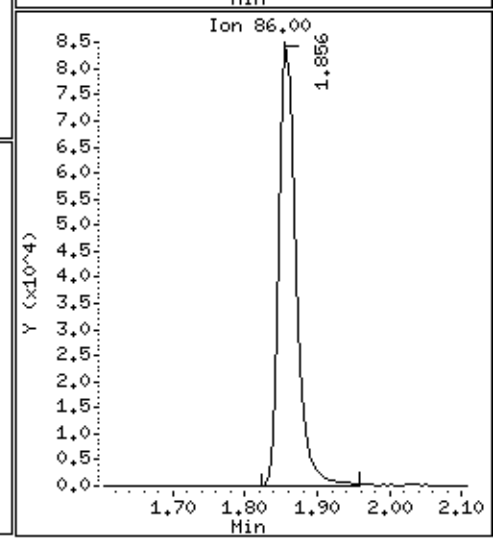












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

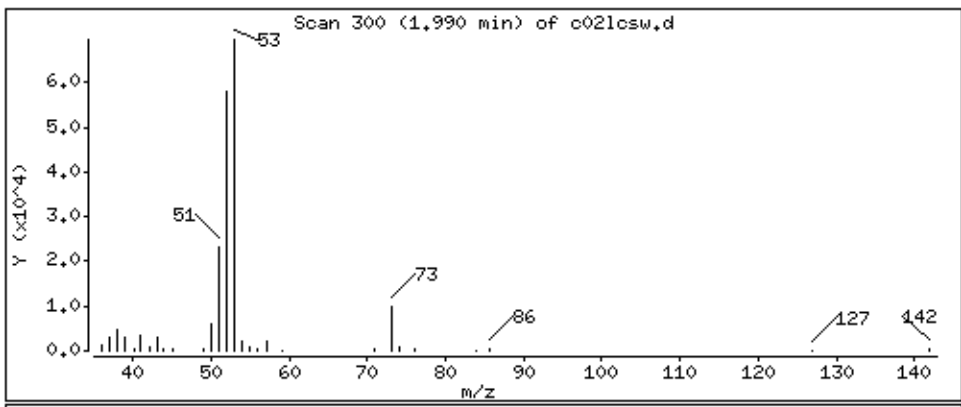
Column phase: DB-624

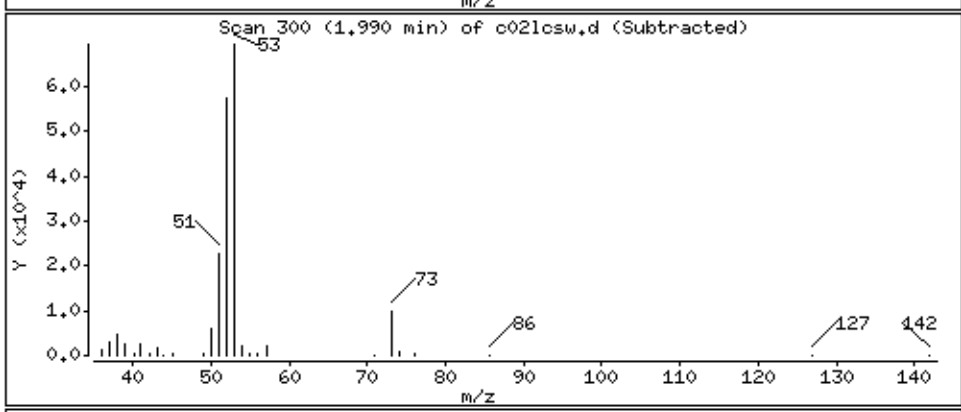
Column diameter: 0.18

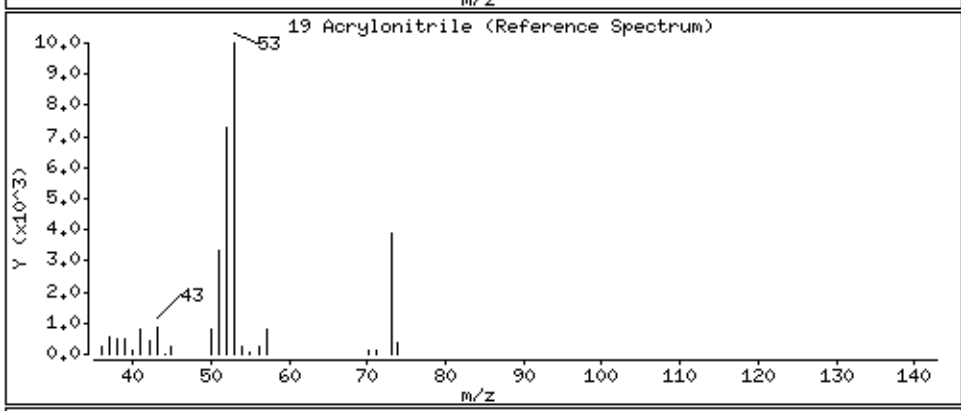
19 Acrylonitrile

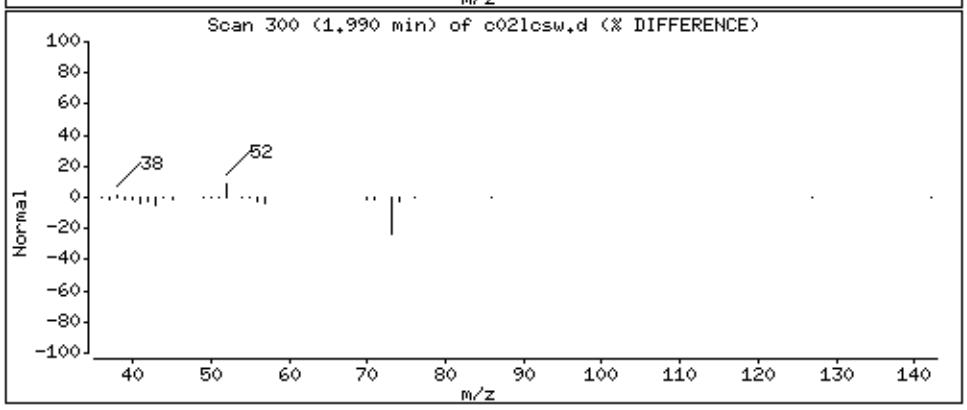
Concentration: 169 ppb

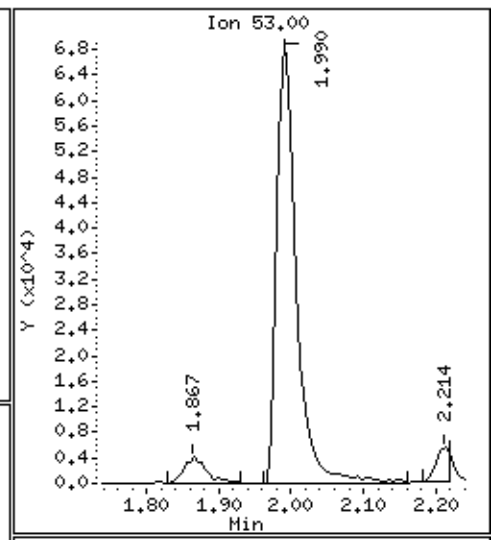
Review Code:

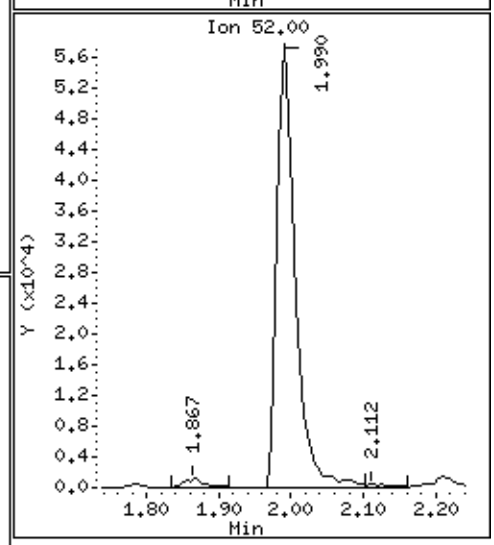












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

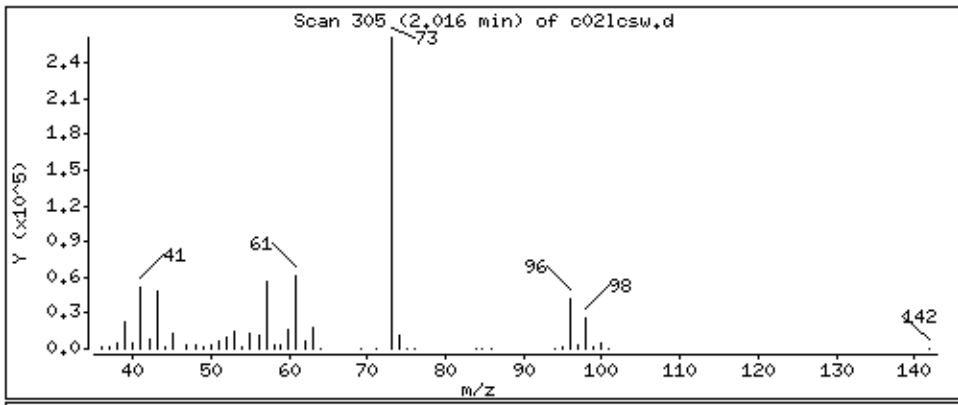
Column phase: DB-624

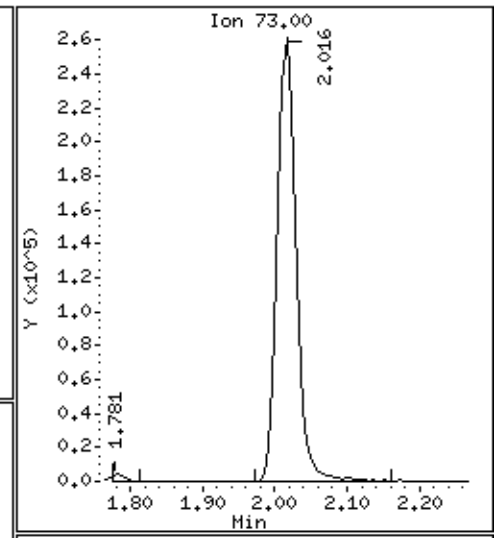
Column diameter: 0.18

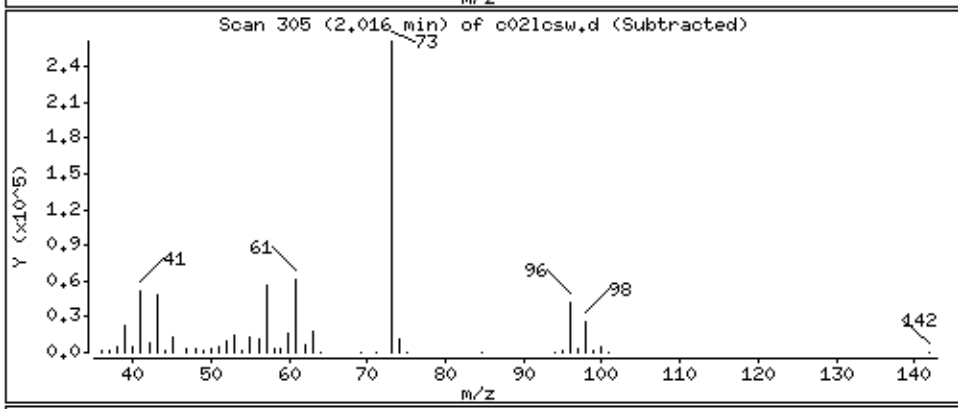
20 Methyl-tert-butyl ether

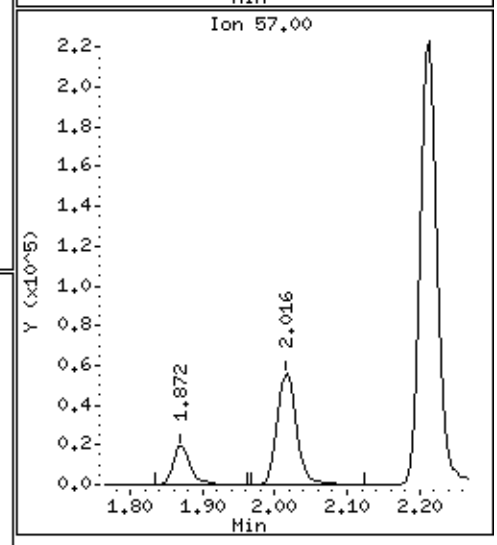
Concentration: 40.8 ppb

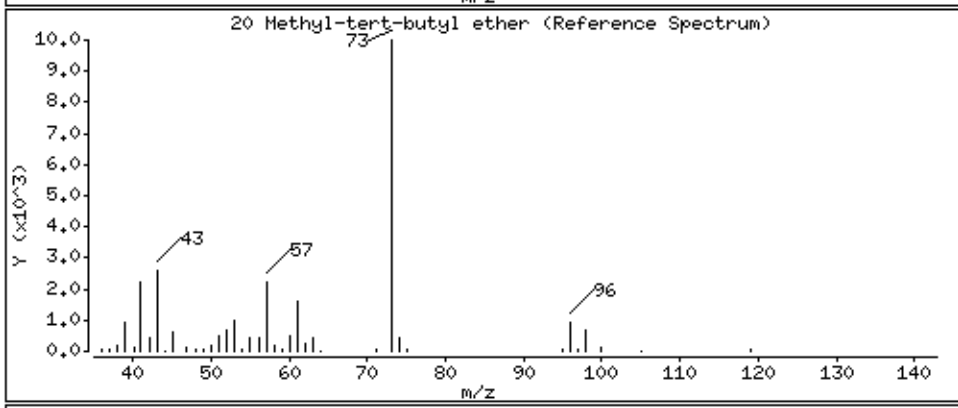
Review Code:

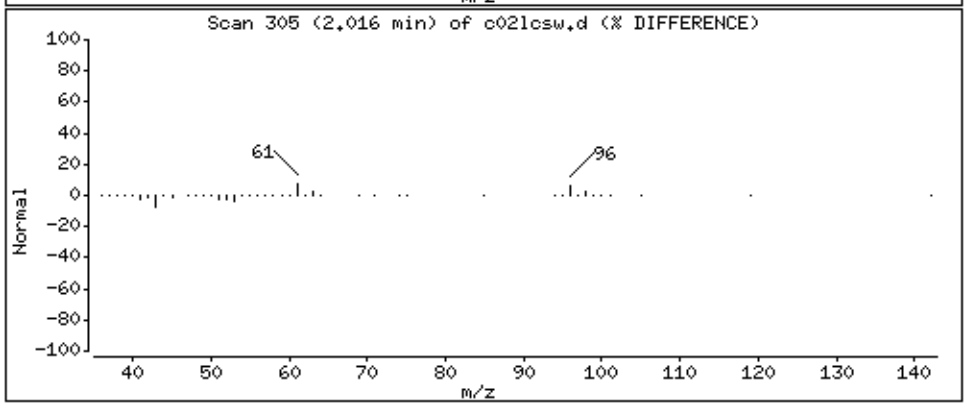












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

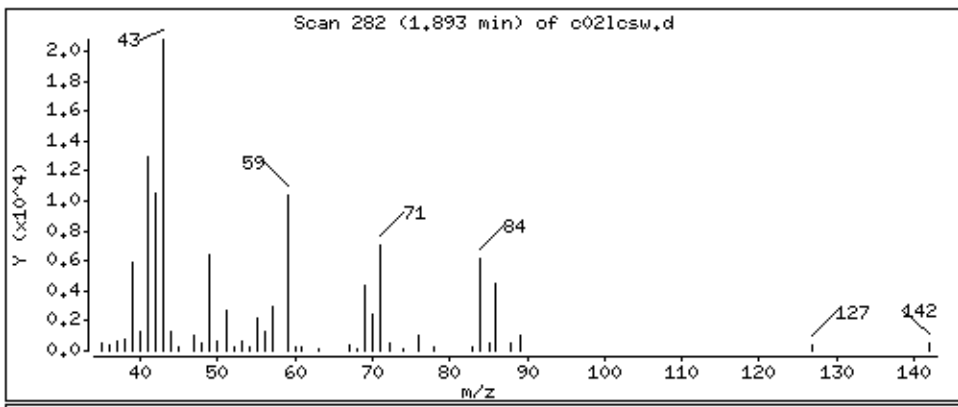
Column phase: DB-624

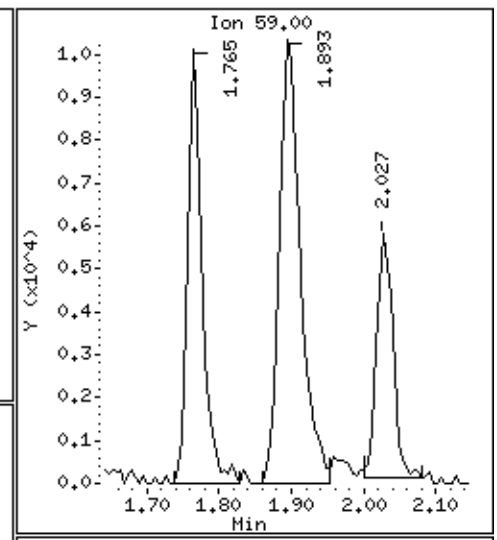
Column diameter: 0.18

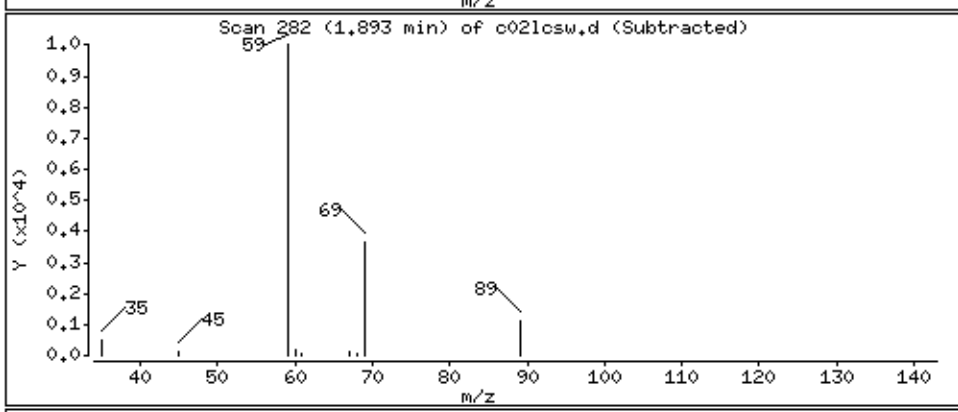
21 tert-Butyl Alcohol

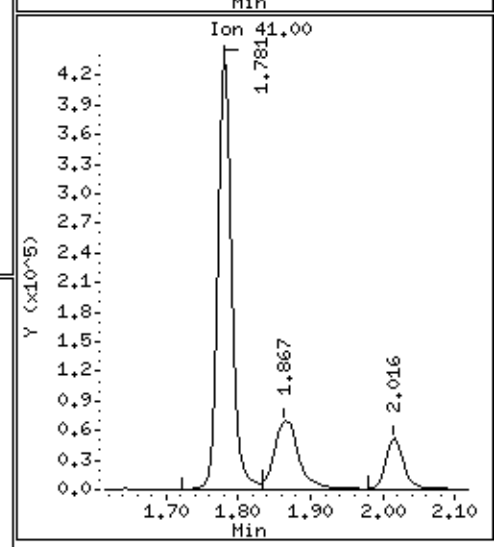
Concentration: 65.8 ppb

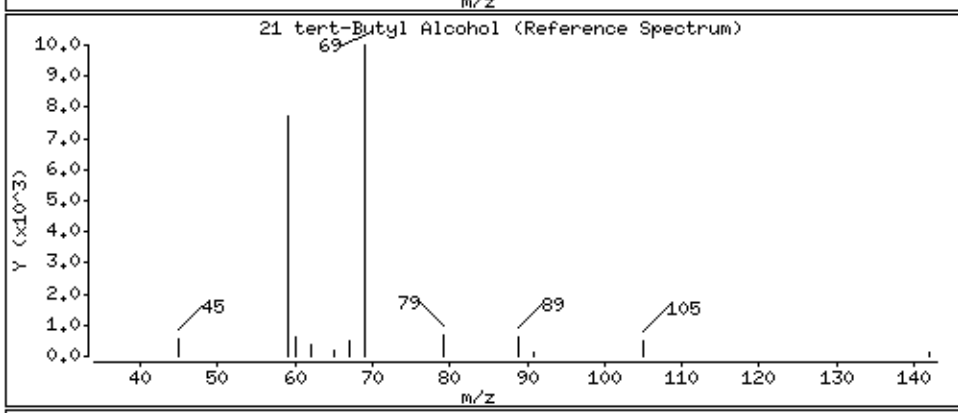
Review Code:

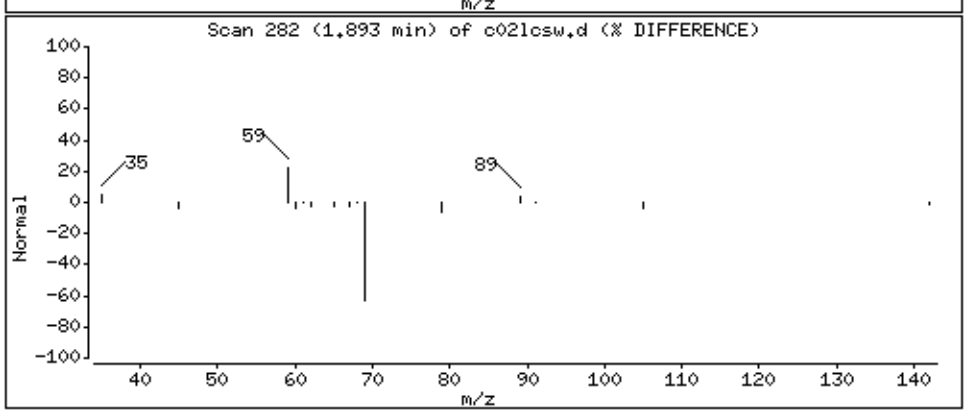












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

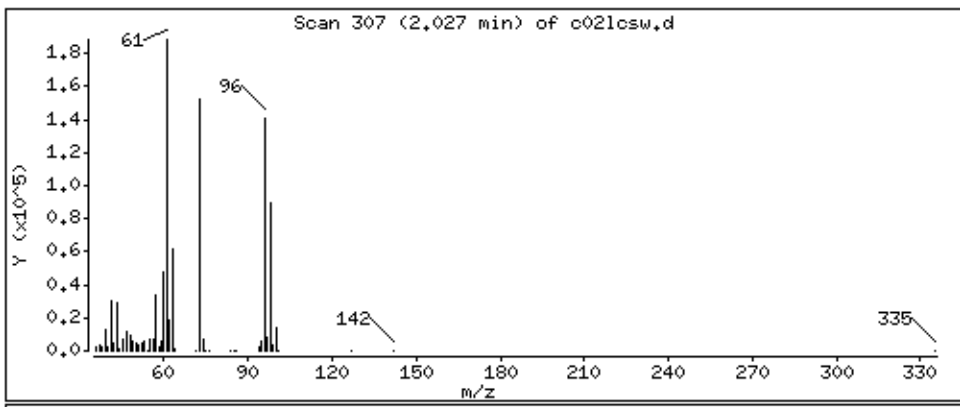
Column phase: DB-624

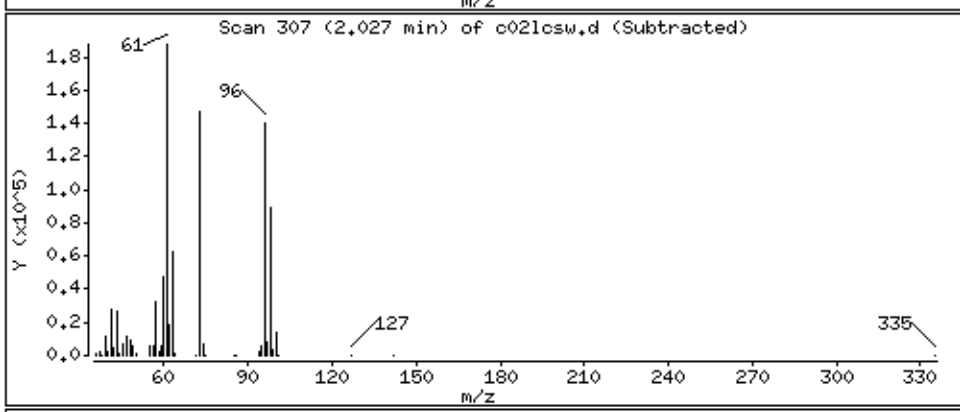
Column diameter: 0.18

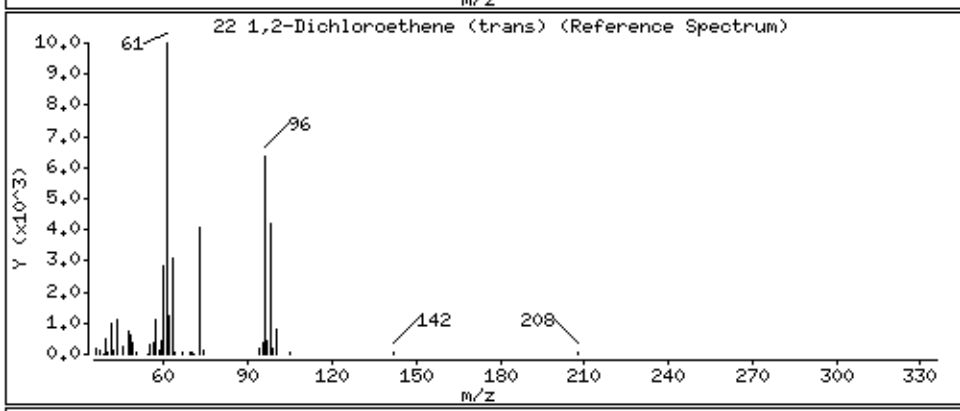
22 1,2-Dichloroethene (trans)

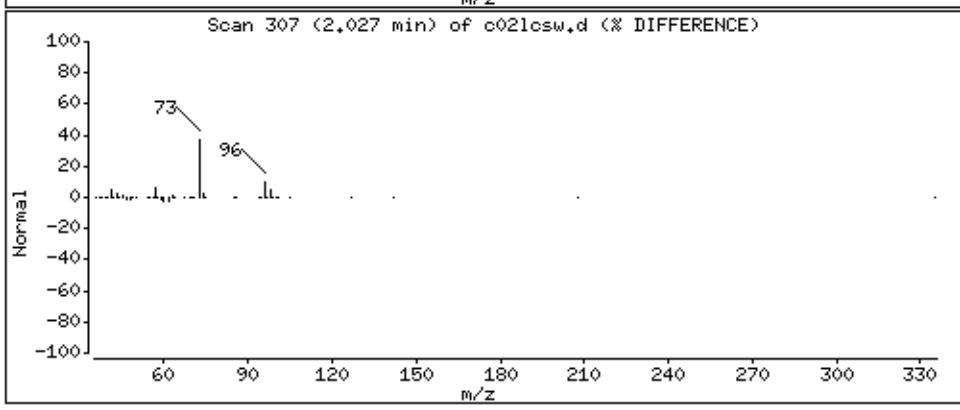
Concentration: 43.0 ppb

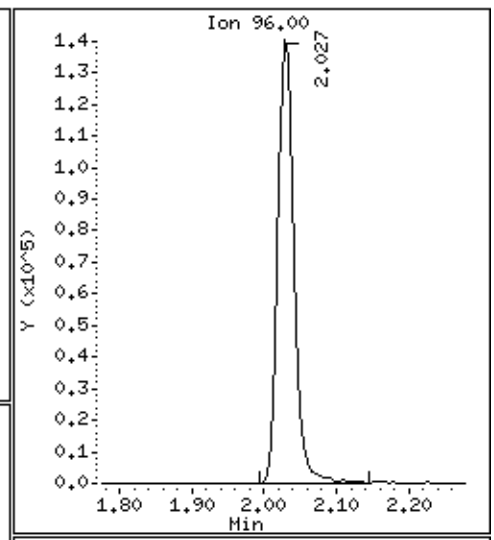
Review Code:

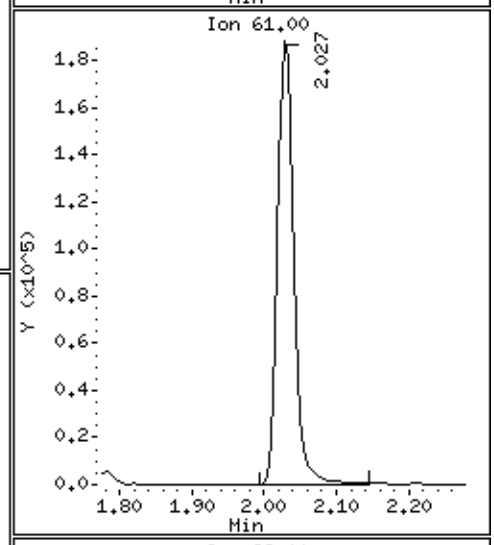


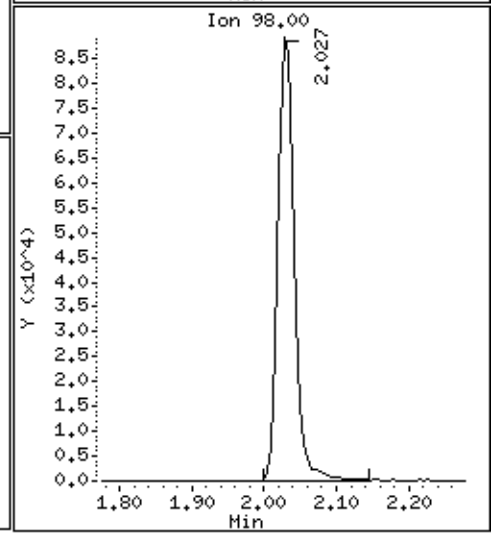












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

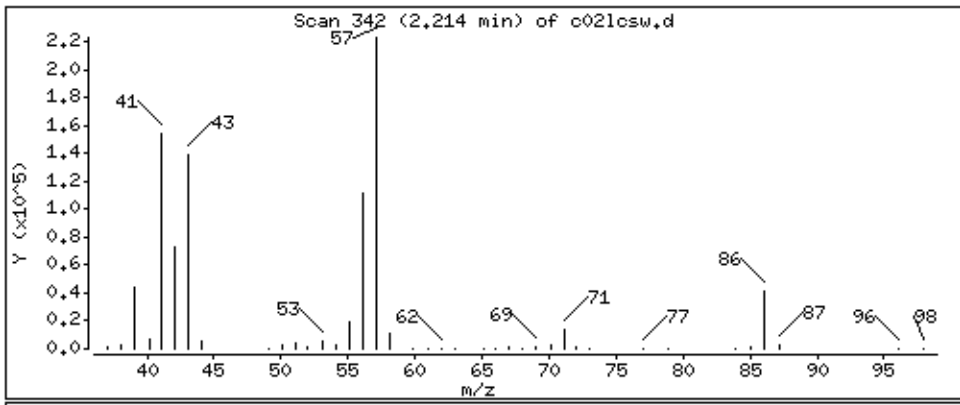
Column phase: DB-624

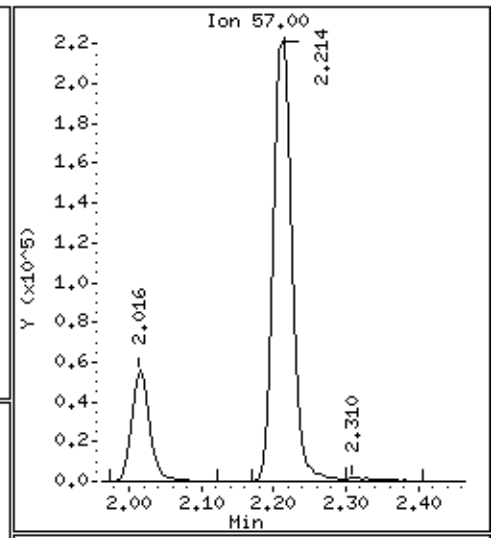
Column diameter: 0.18

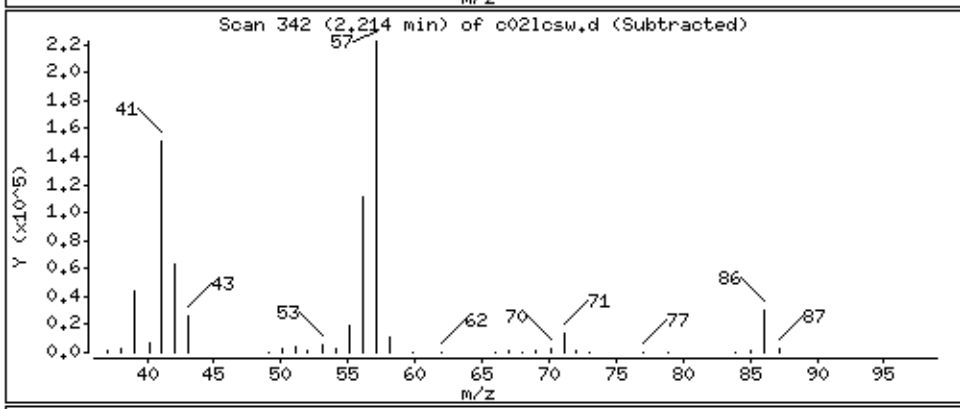
23 n-Hexane

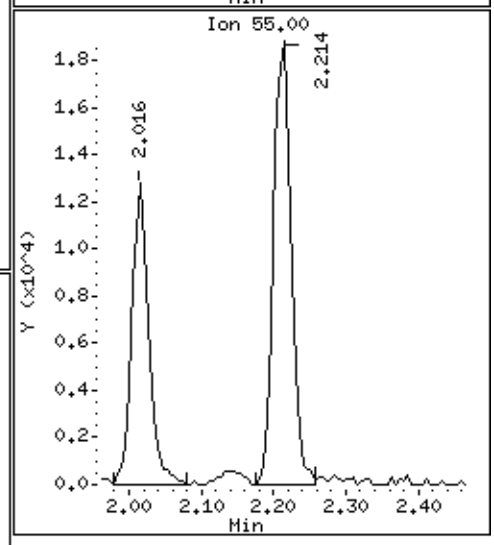
Concentration: 38.0 ppb

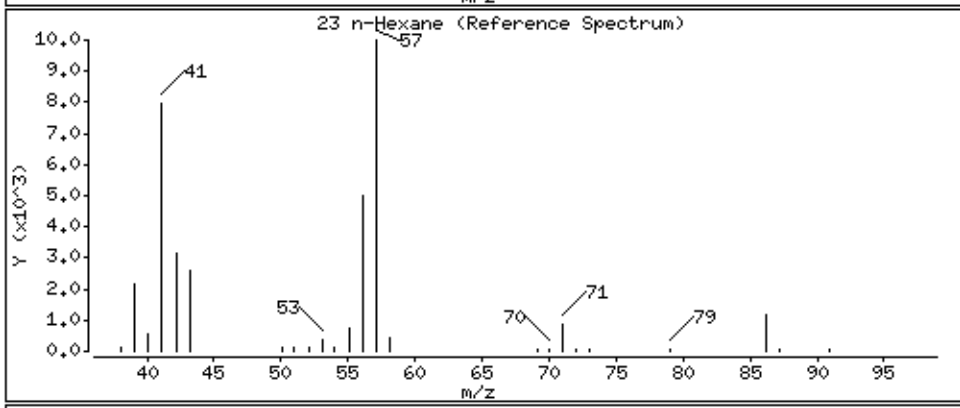
Review Code:

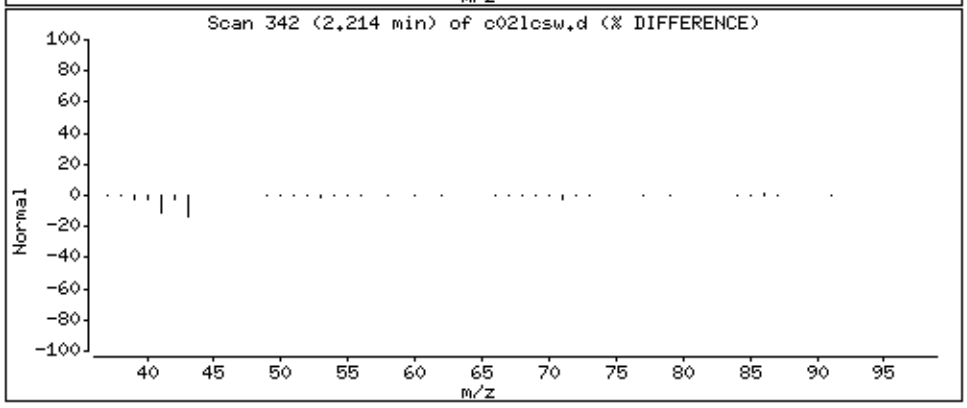












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

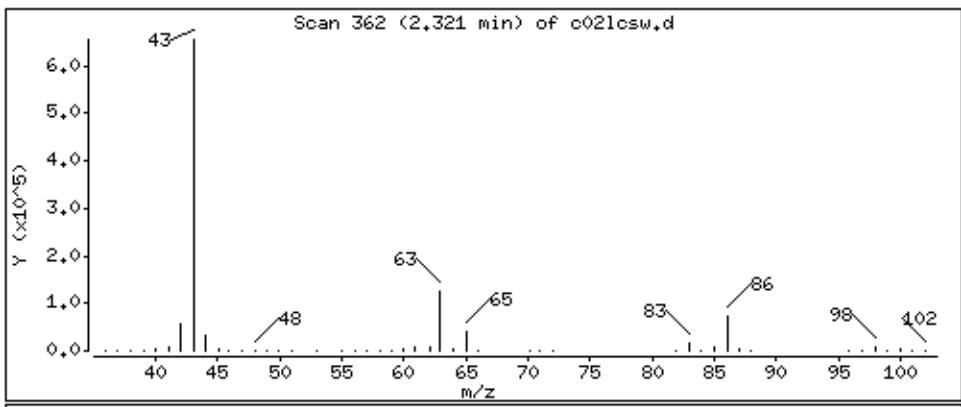
Column phase: DB-624

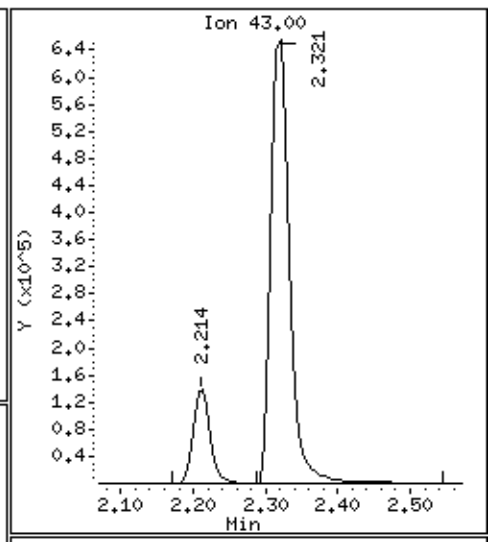
Column diameter: 0.18

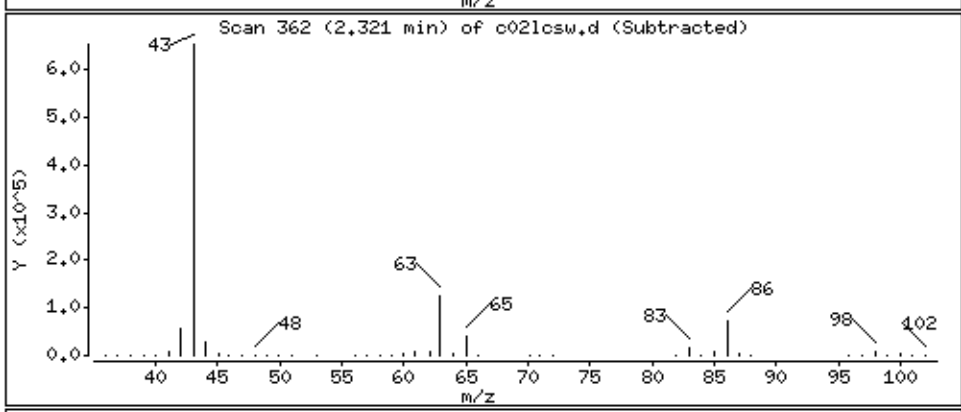
24 Vinyl Acetate

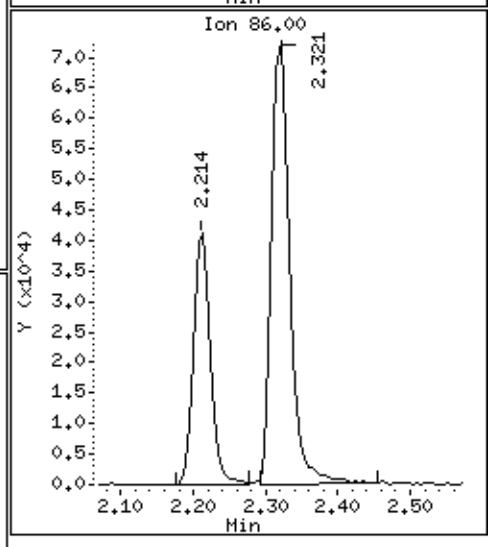
Concentration: 168 ppb

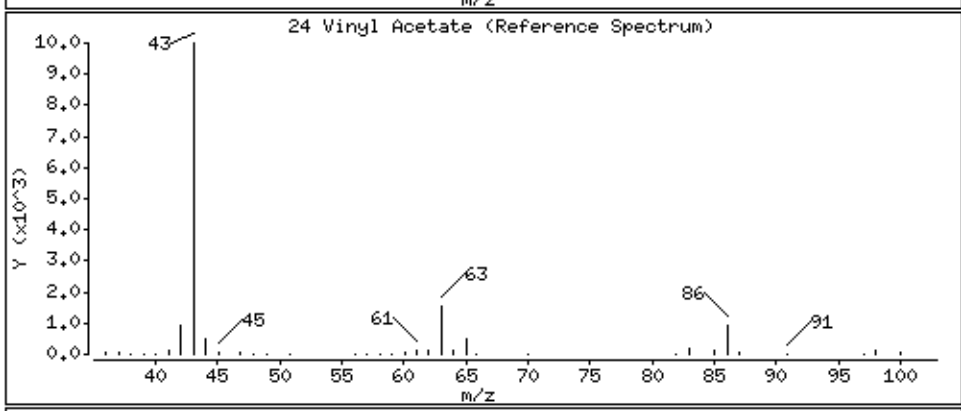
Review Code:

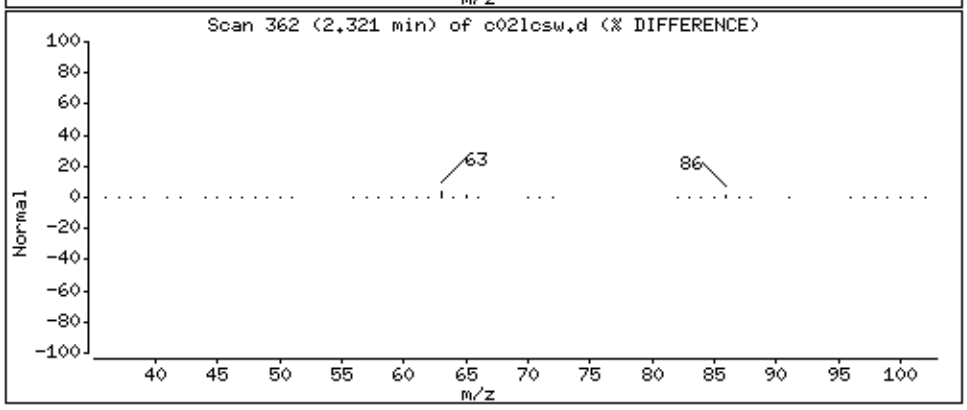












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

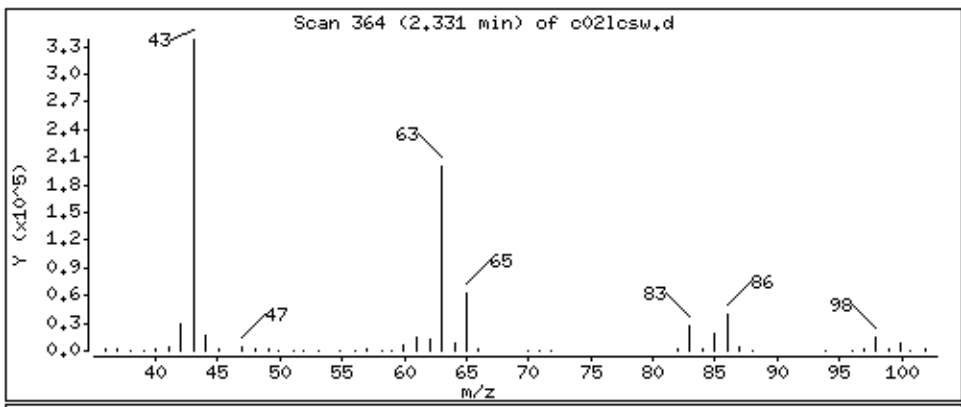
Column phase: DB-624

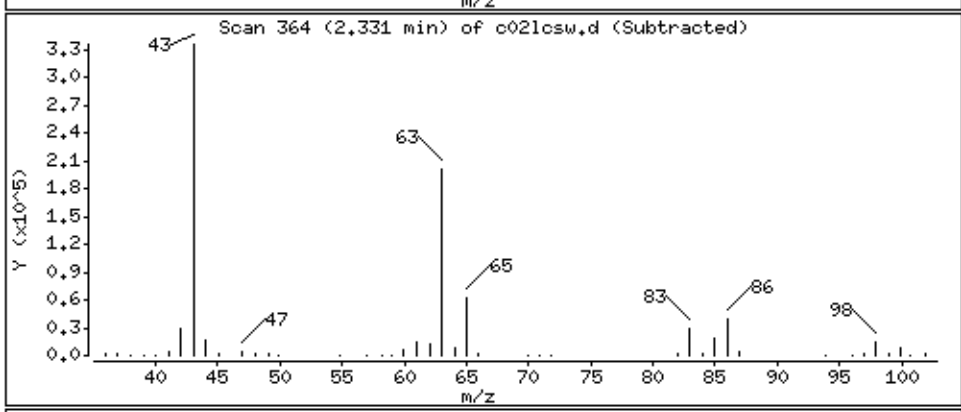
Column diameter: 0.18

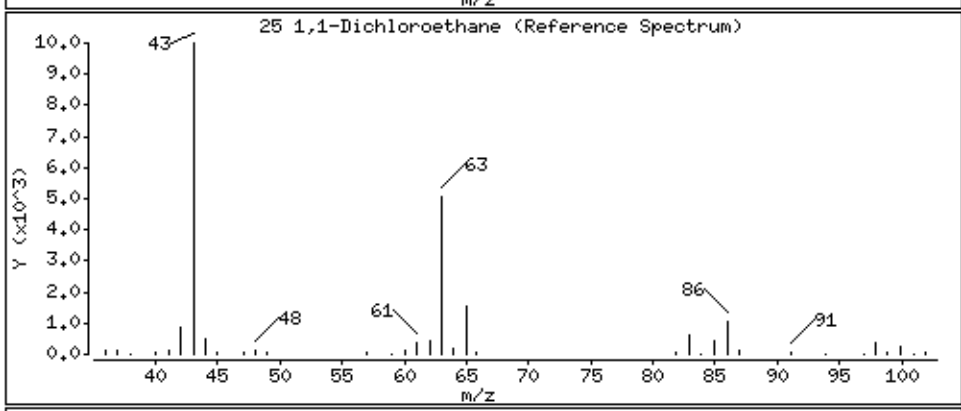
25 1,1-Dichloroethane

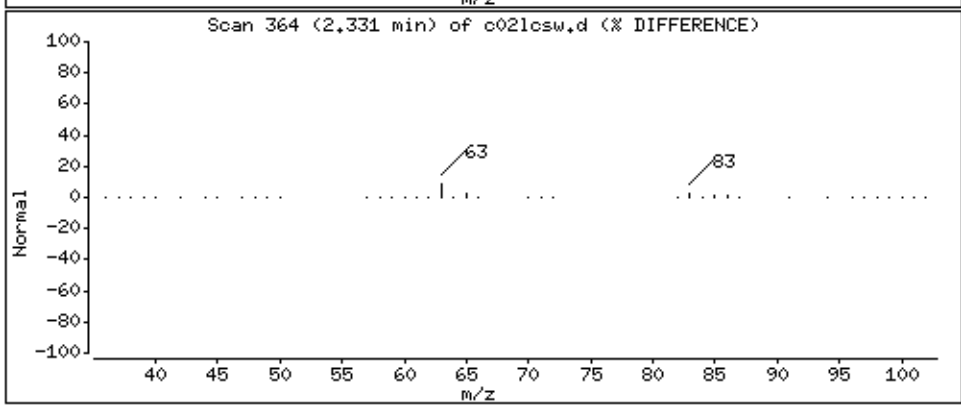
Concentration: 39.6 ppb

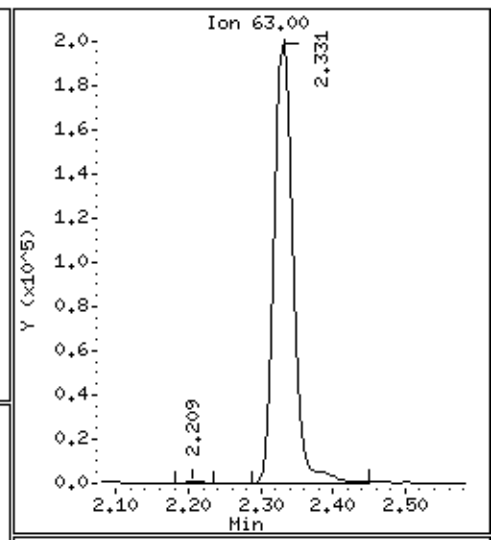
Review Code:

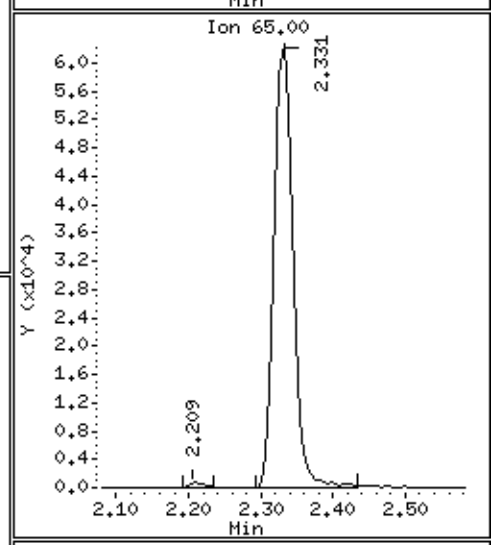


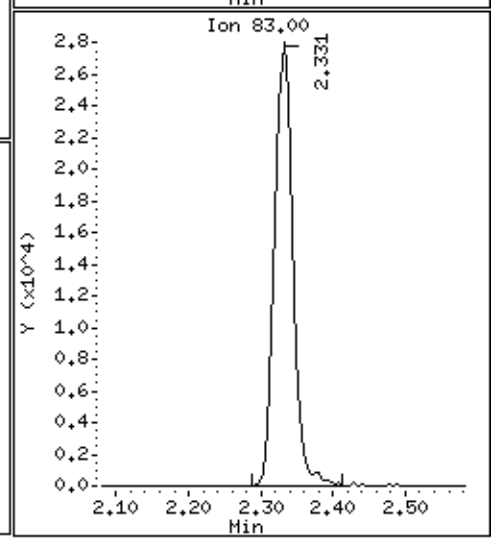












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

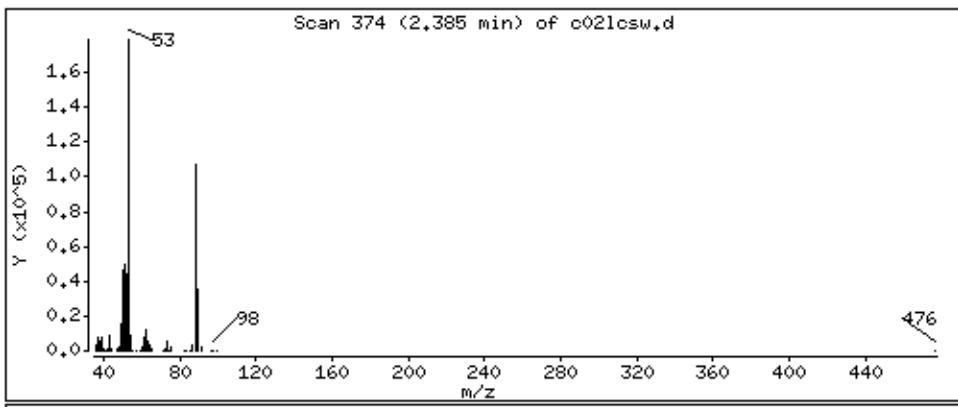
Column phase: DB-624

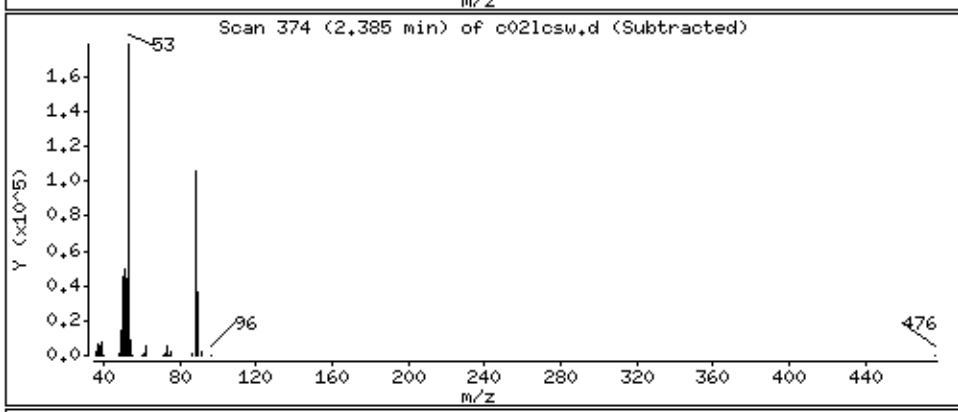
Column diameter: 0.18

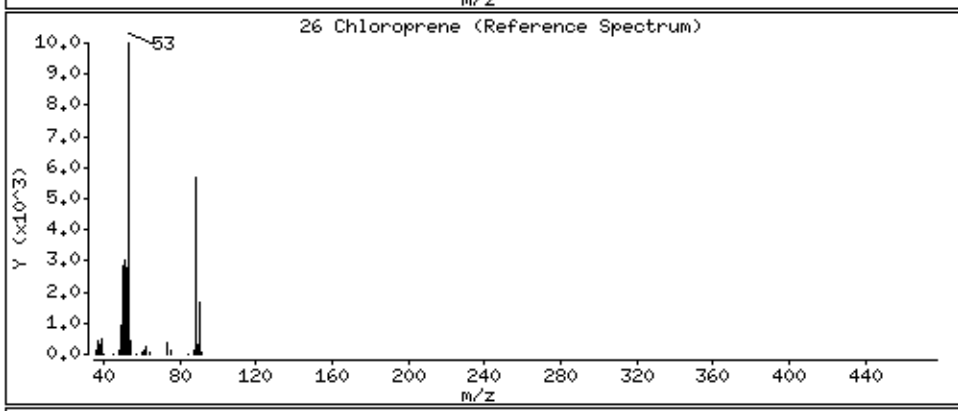
26 Chloroprene

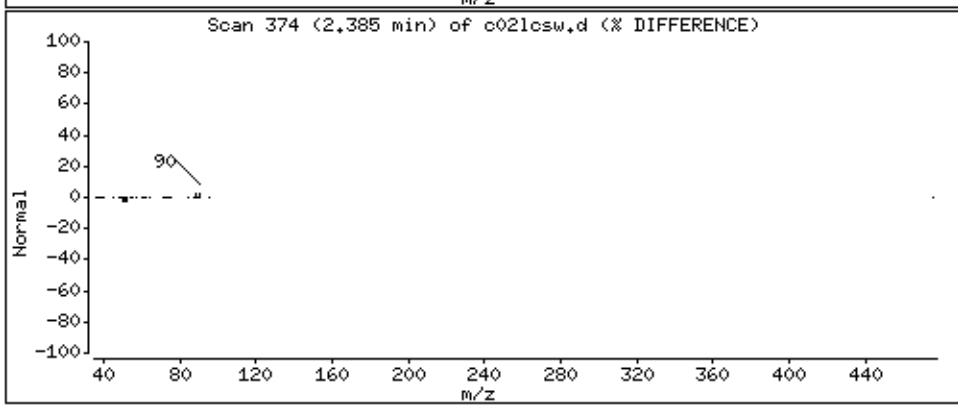
Concentration: 36.5 ppb

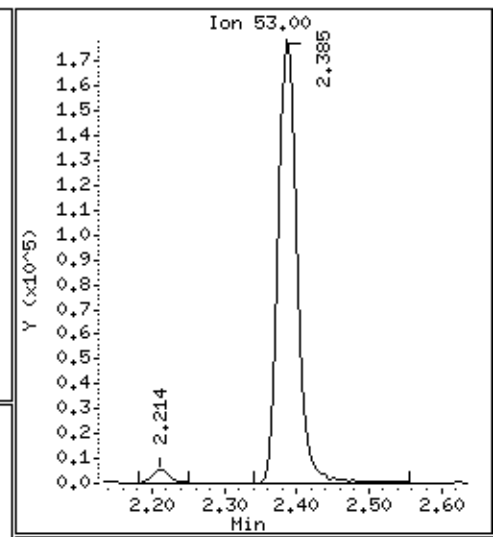
Review Code:

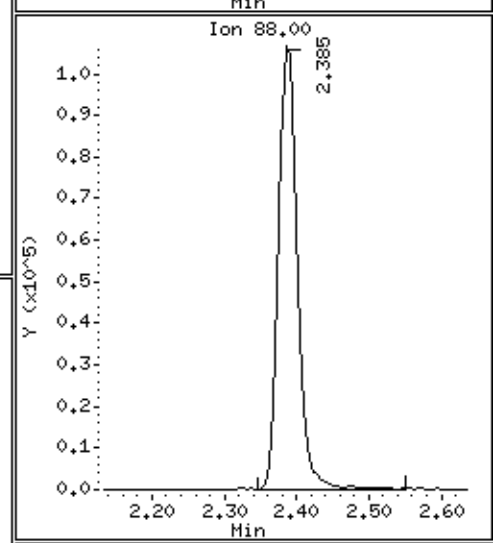


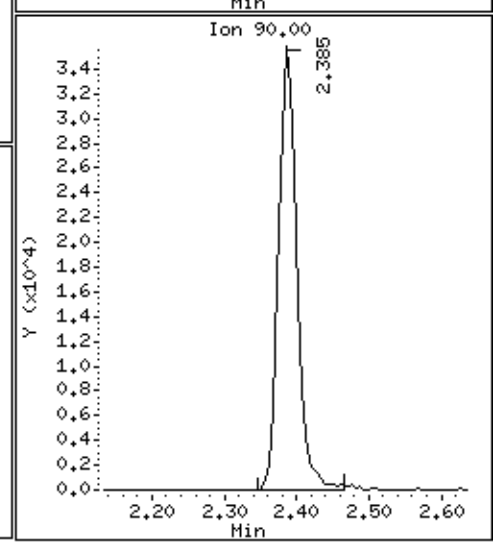












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

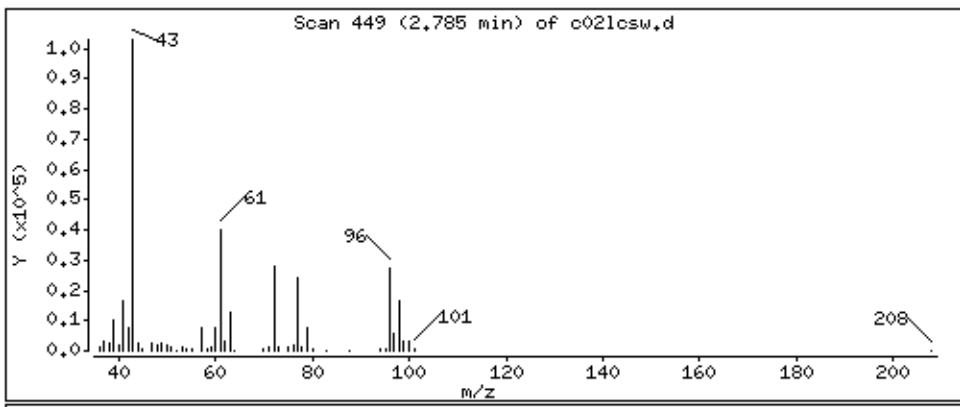
Column phase: DB-624

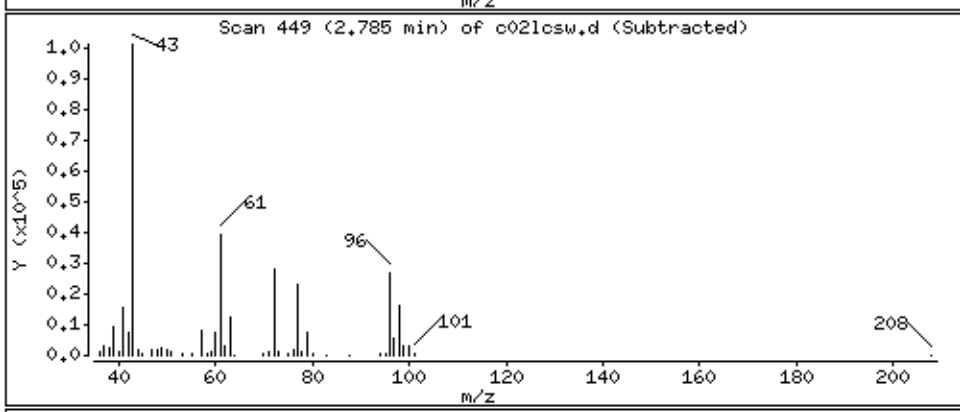
Column diameter: 0.18

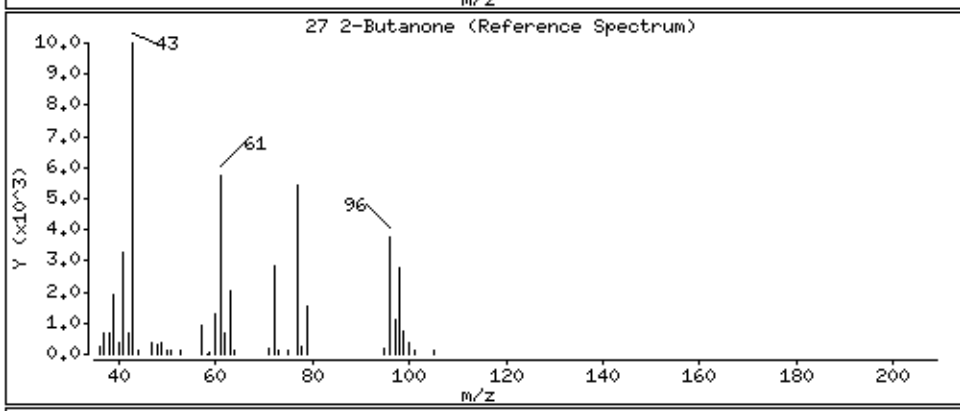
27 2-Butanone

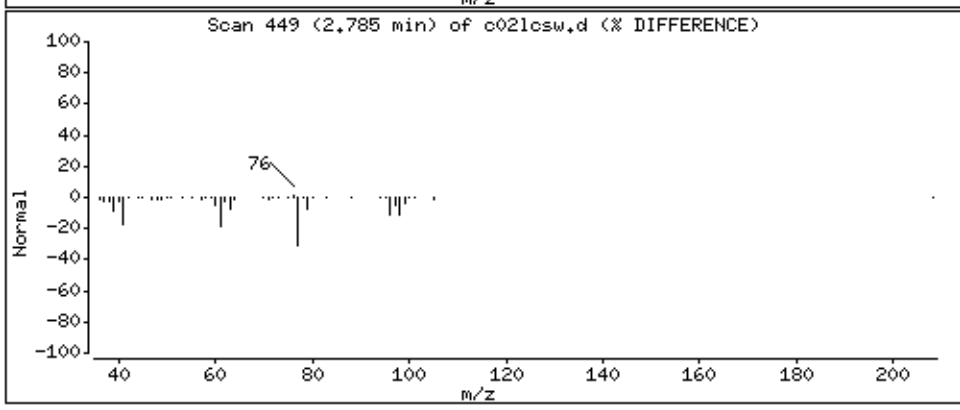
Concentration: 223 ppb

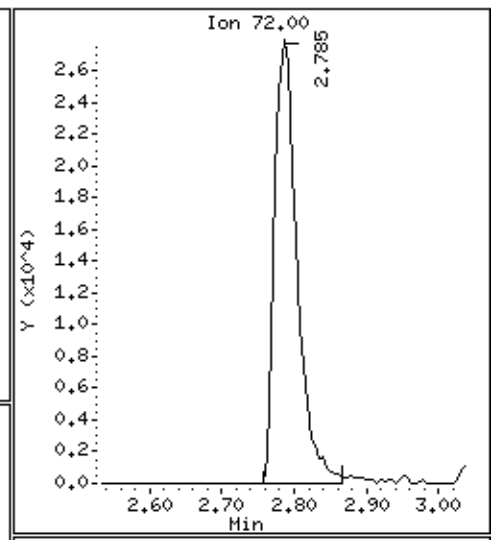
Review Code:

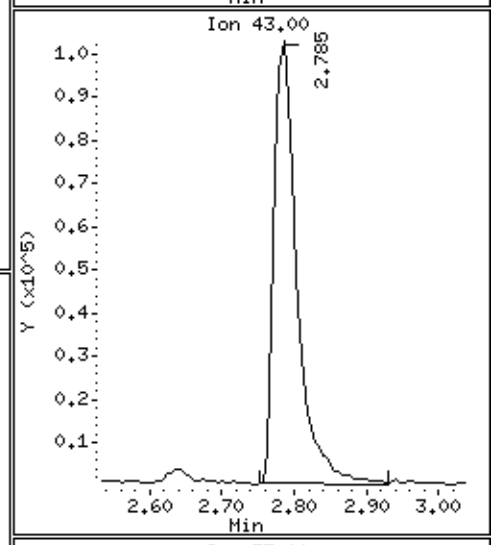


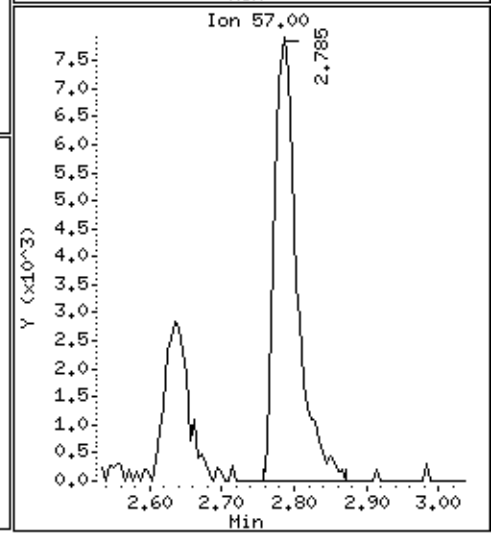












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

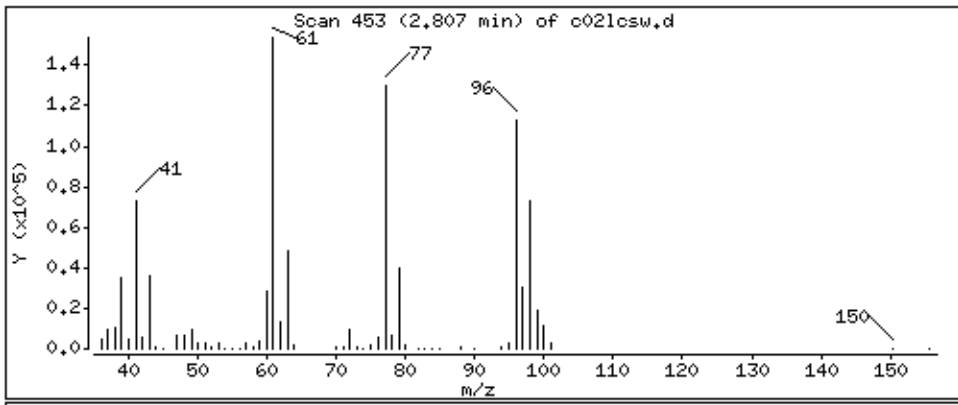
Column phase: DB-624

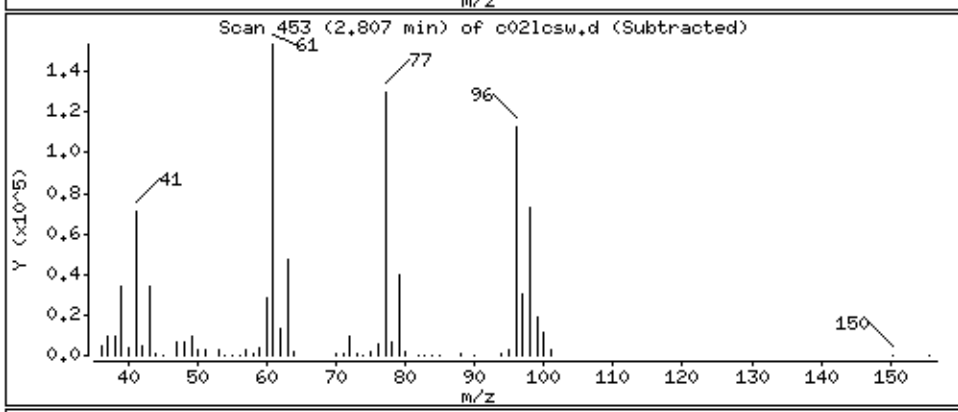
Column diameter: 0.18

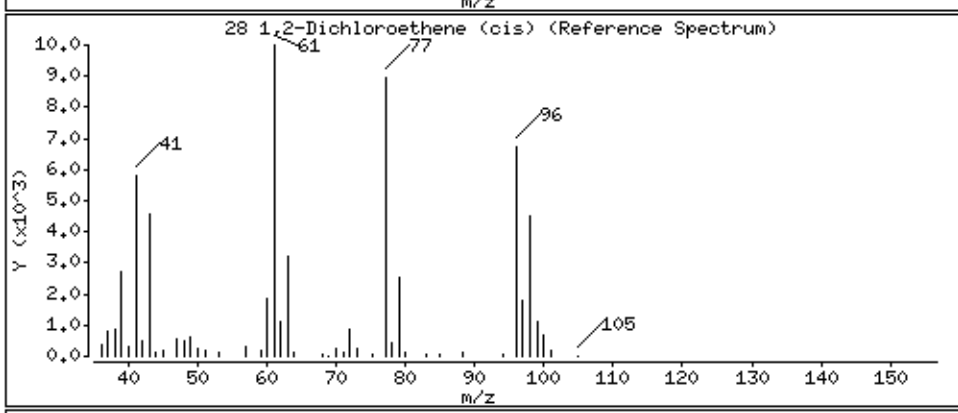
28 1,2-Dichloroethene (cis)

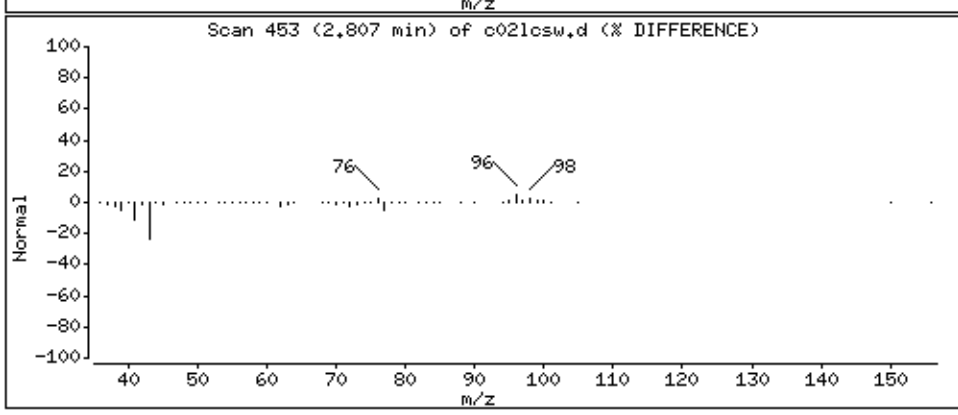
Concentration: 42.4 ppb

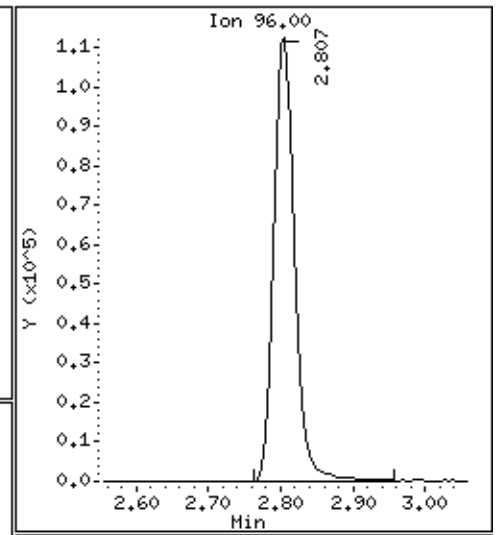
Review Code:

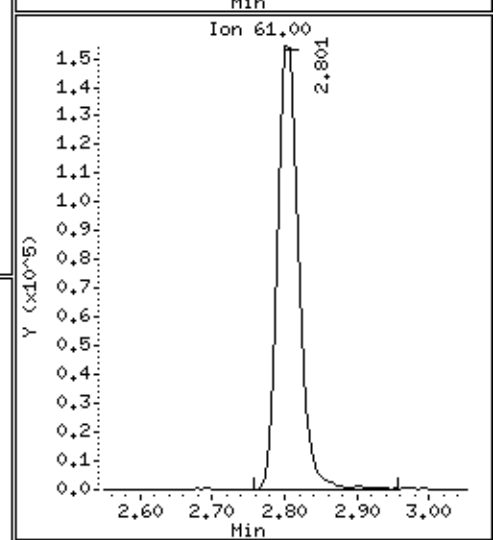


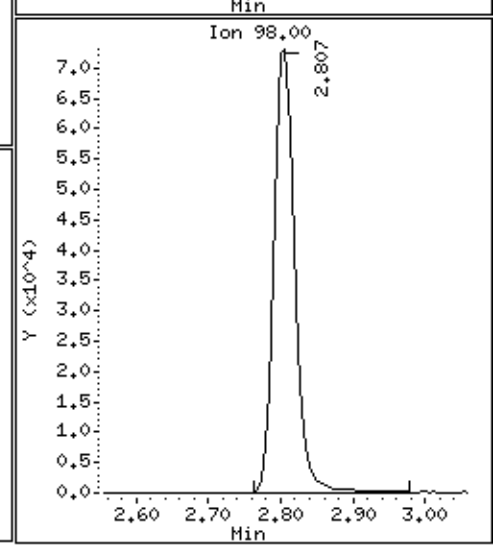












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

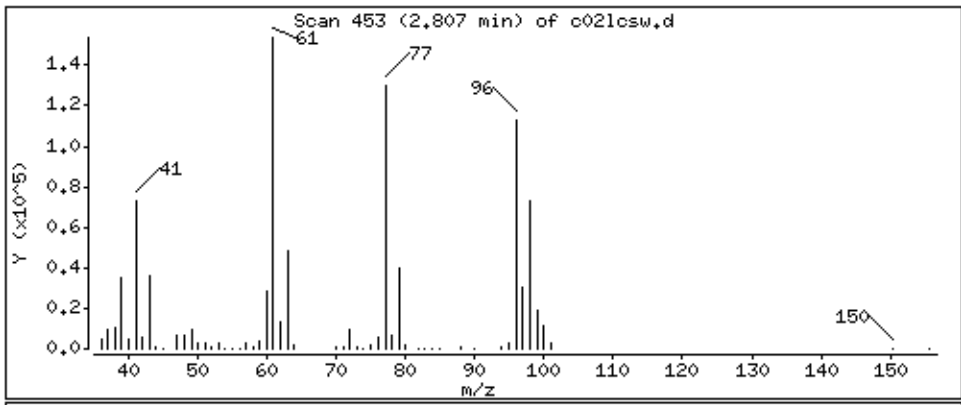
Column phase: DB-624

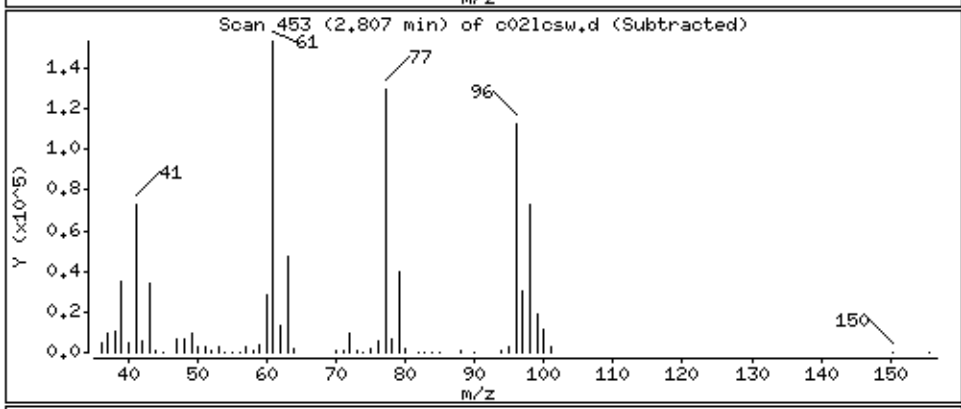
Column diameter: 0.18

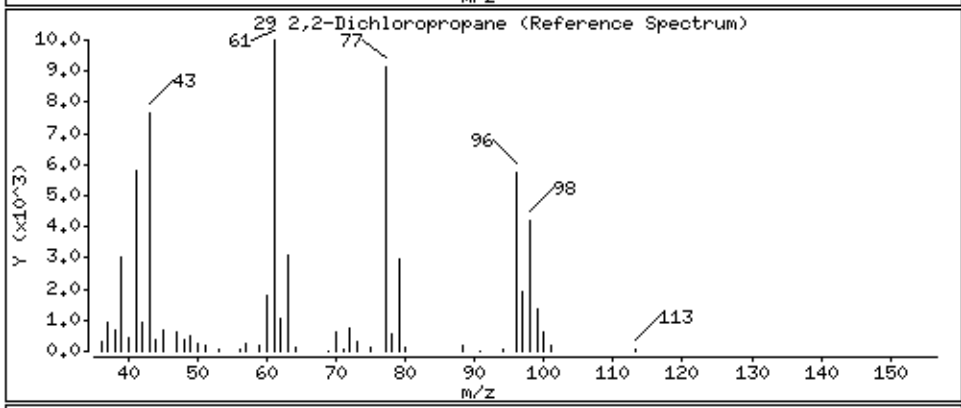
29 2,2-Dichloropropane

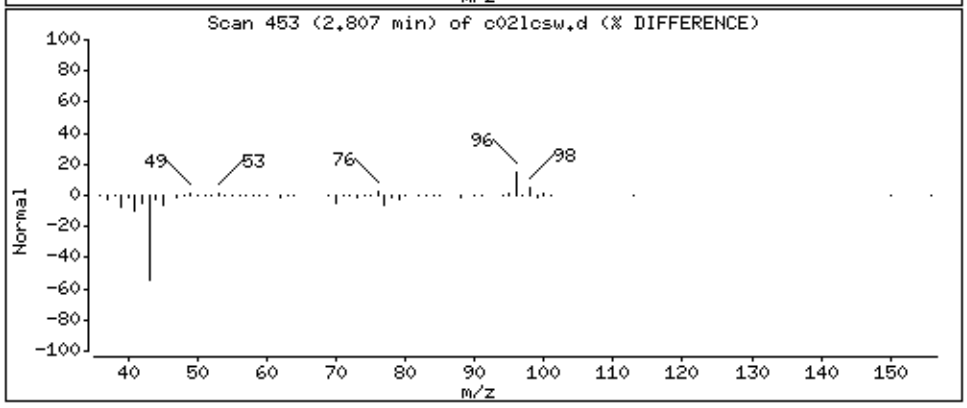
Concentration: 34.7 ppb

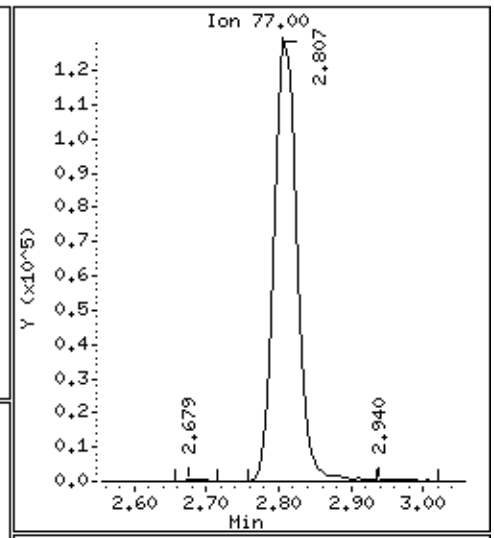
Review Code:

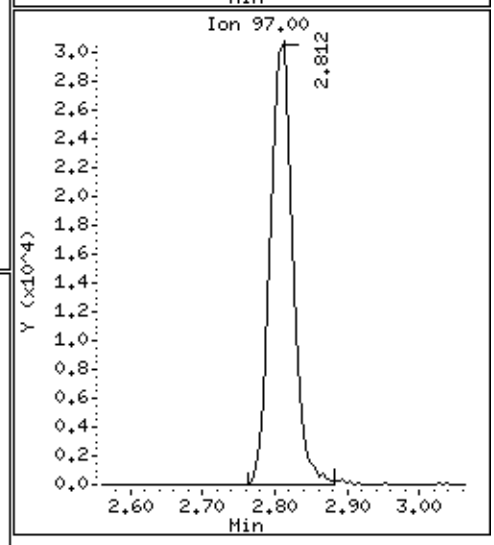












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

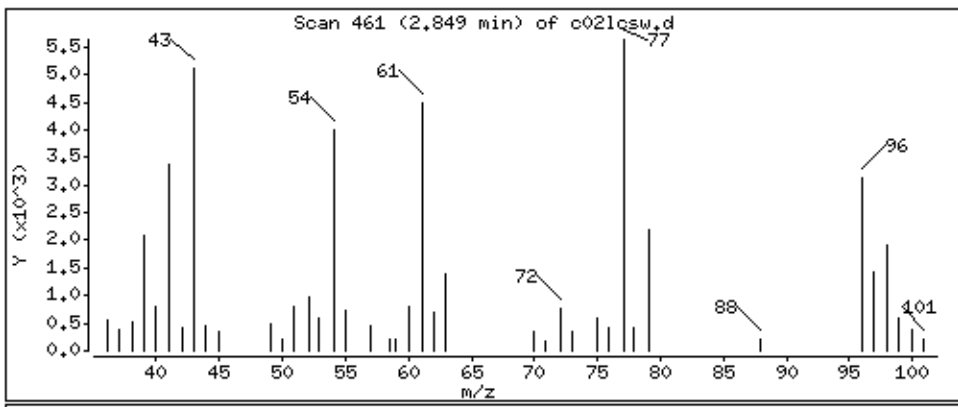
Column phase: DB-624

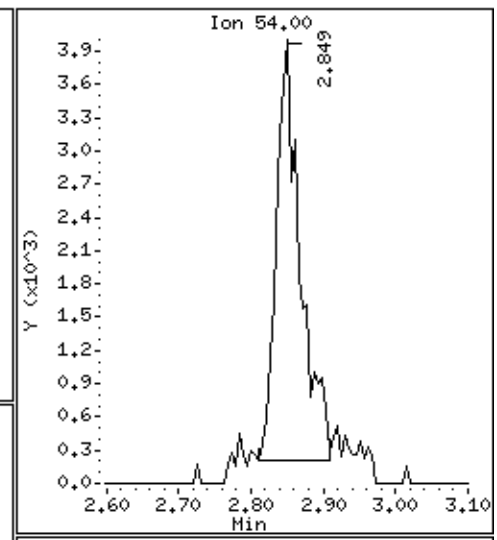
Column diameter: 0.18

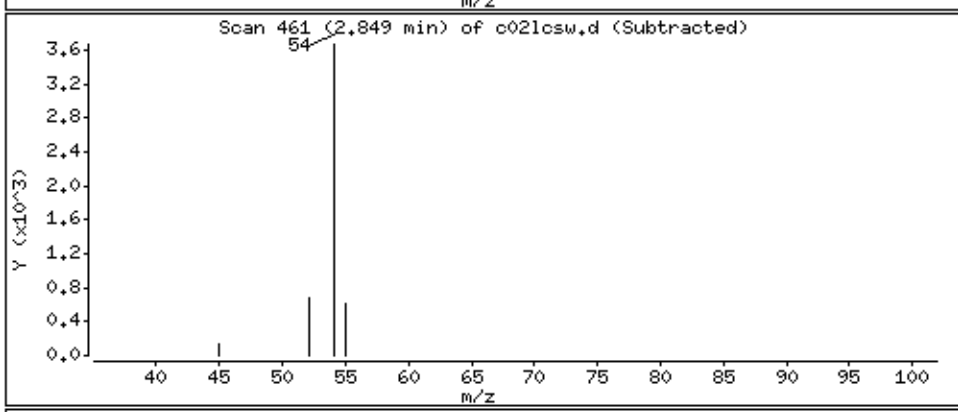
30 Propionitrile

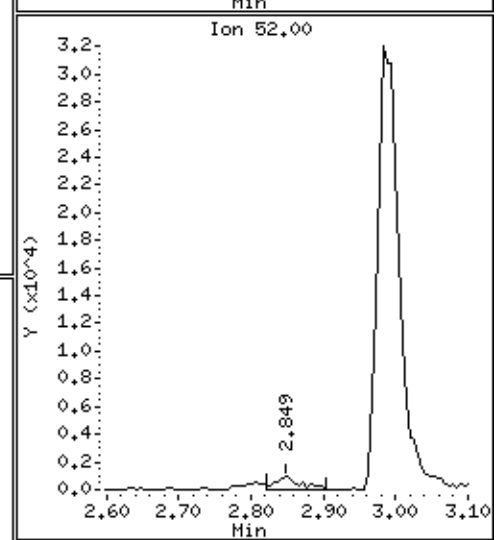
Concentration: 31.5 ppb

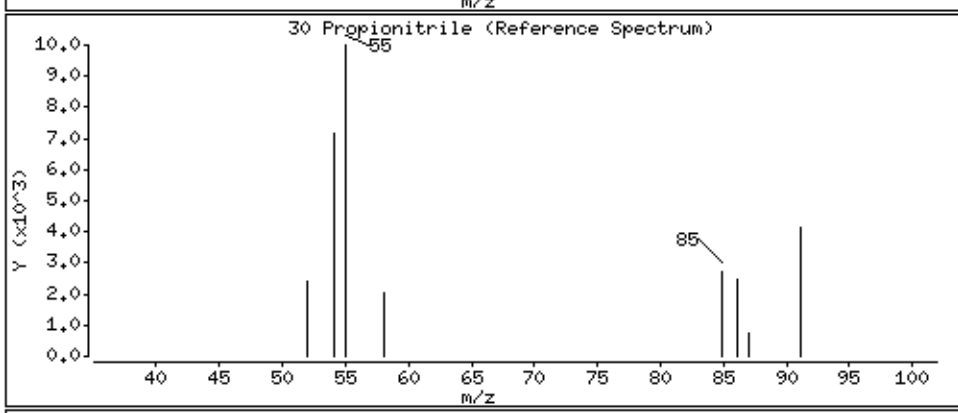
Review Code:

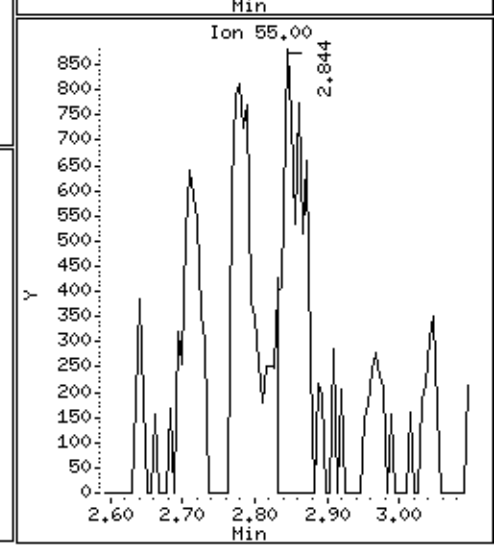


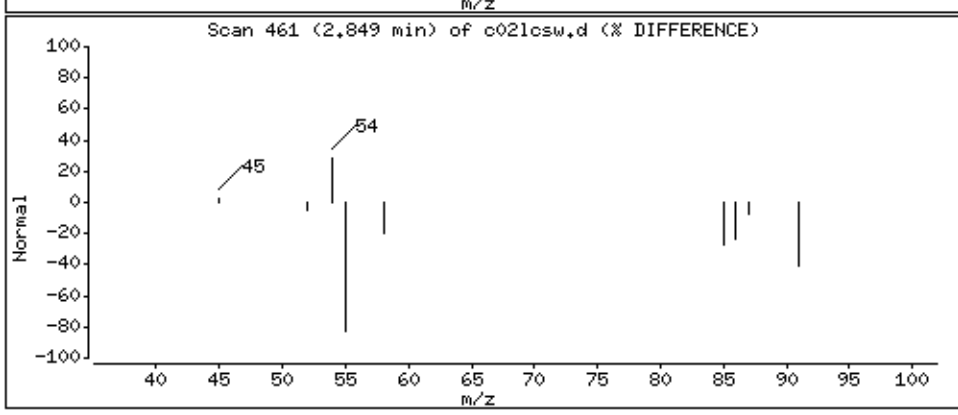












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

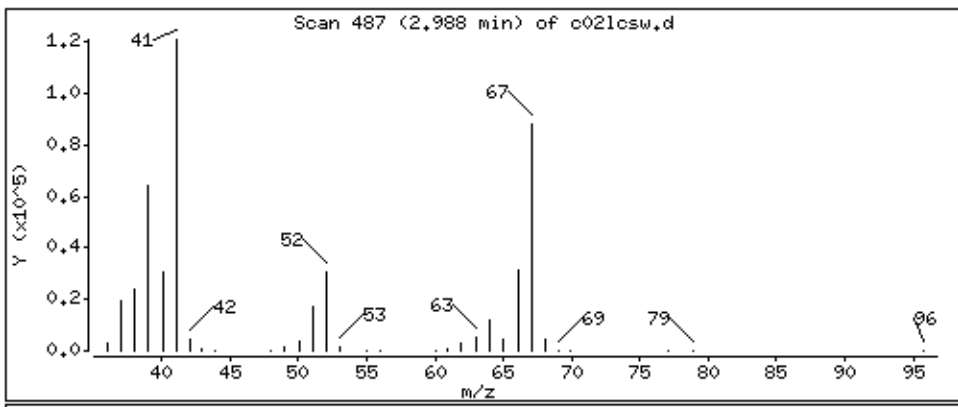
Column phase: DB-624

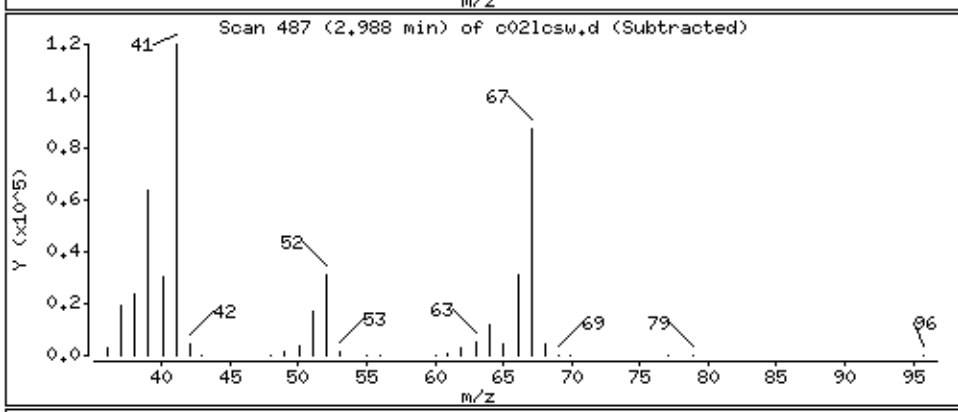
Column diameter: 0.18

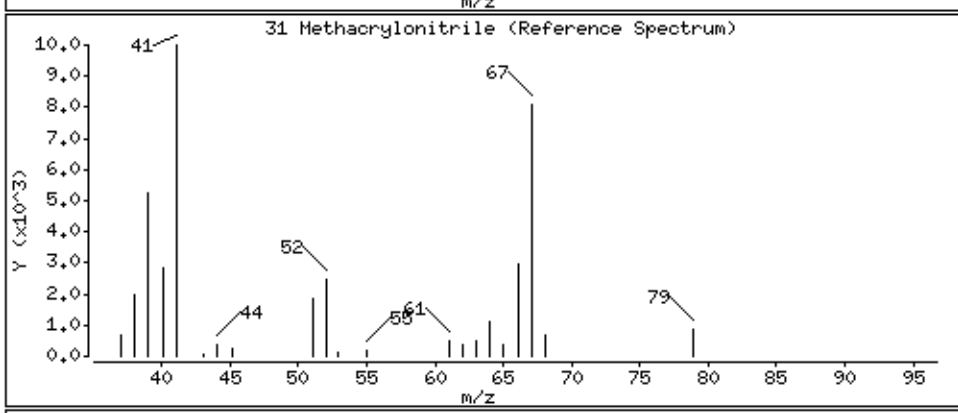
31 Methacrylonitrile

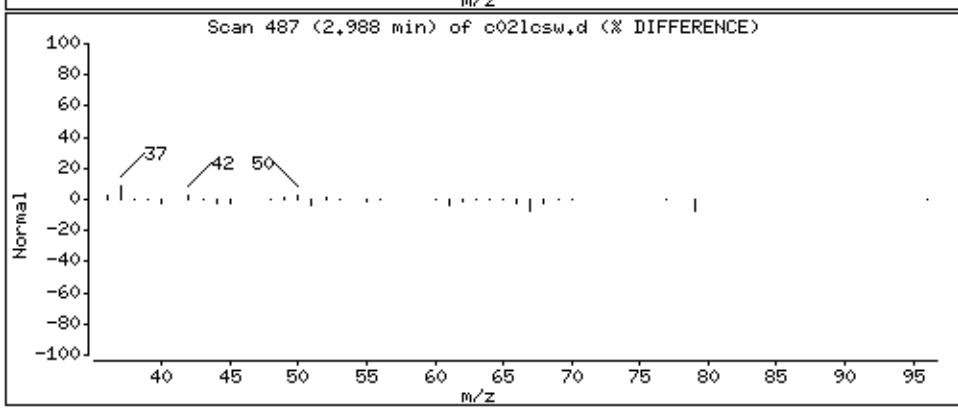
Concentration: 161 ppb

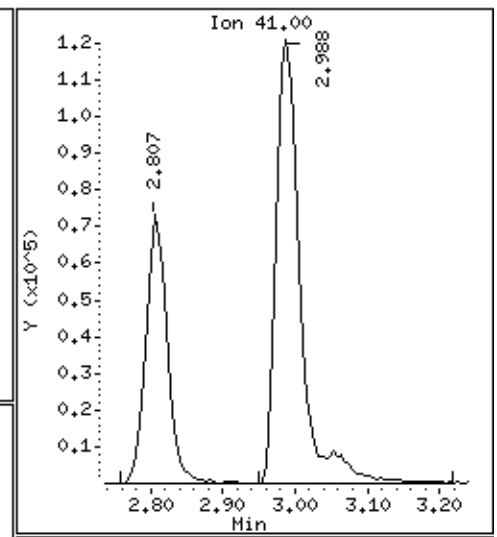
Review Code:

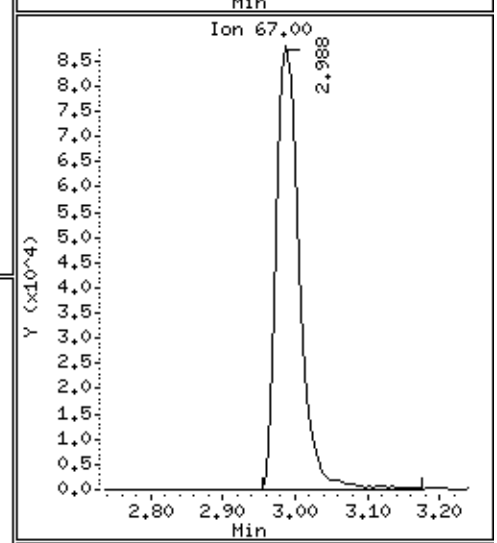


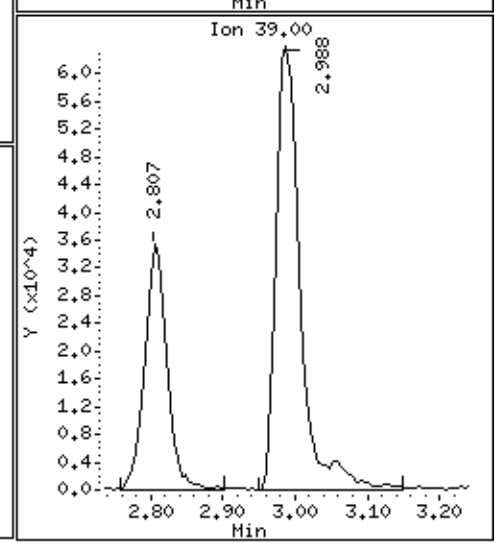












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

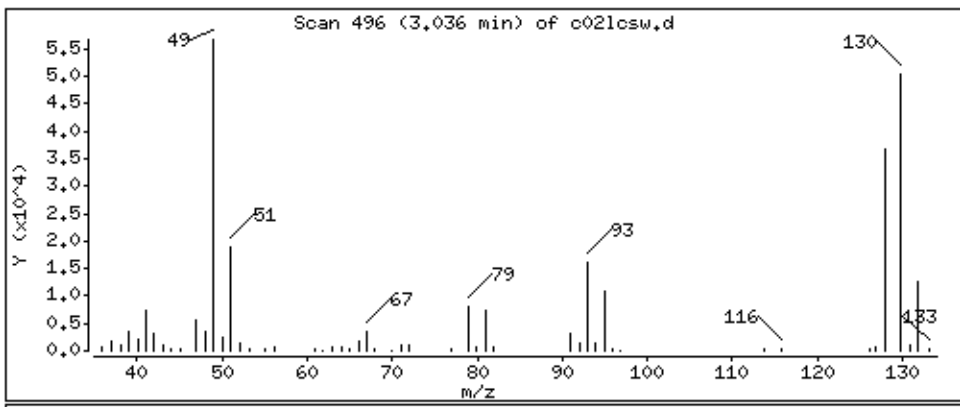
Column phase: DB-624

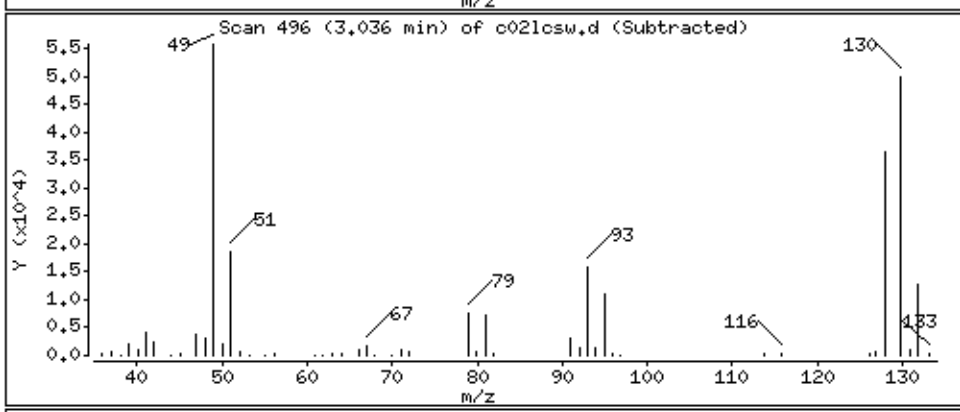
Column diameter: 0.18

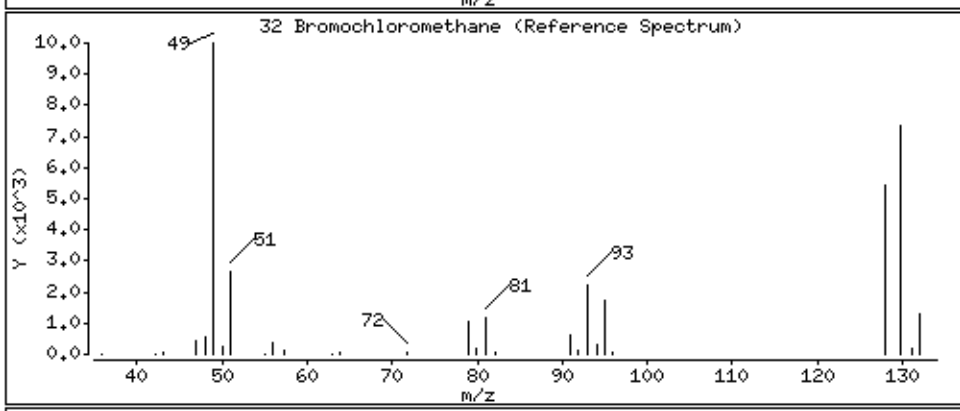
32 Bromochloromethane

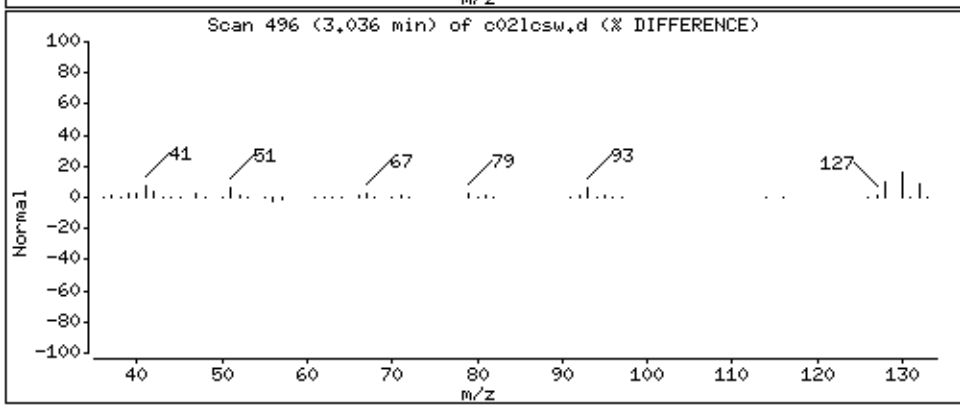
Concentration: 39.1 ppb

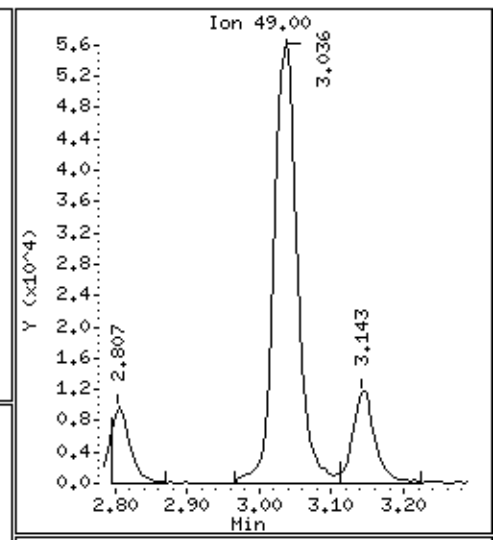
Review Code:

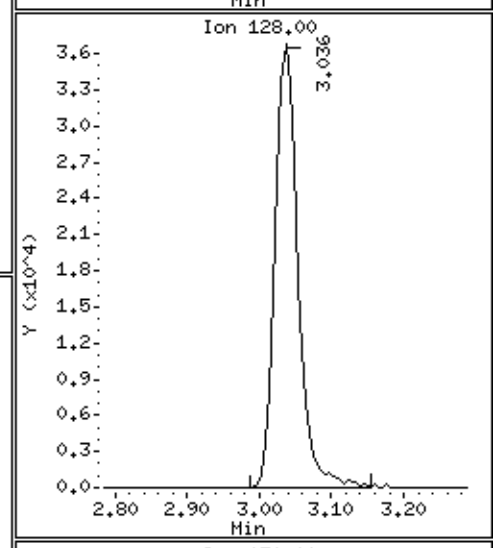


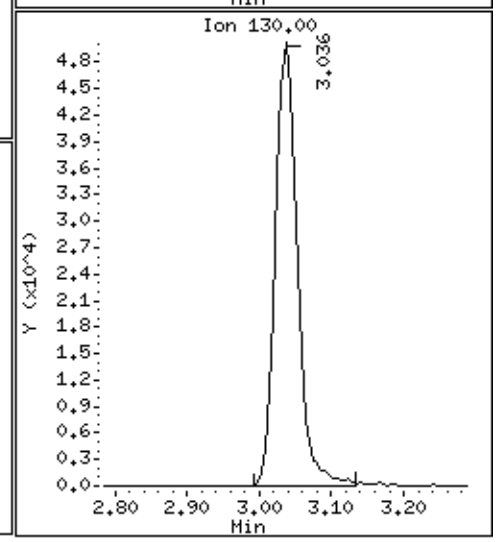












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

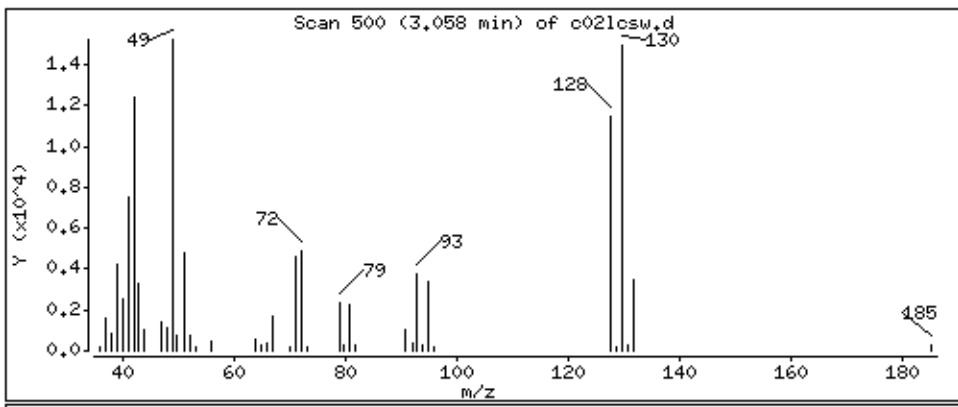
Column phase: DB-624

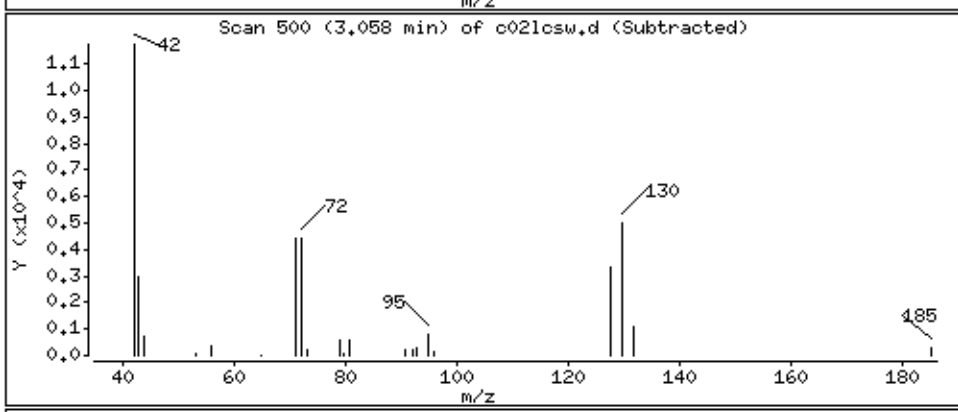
Column diameter: 0.18

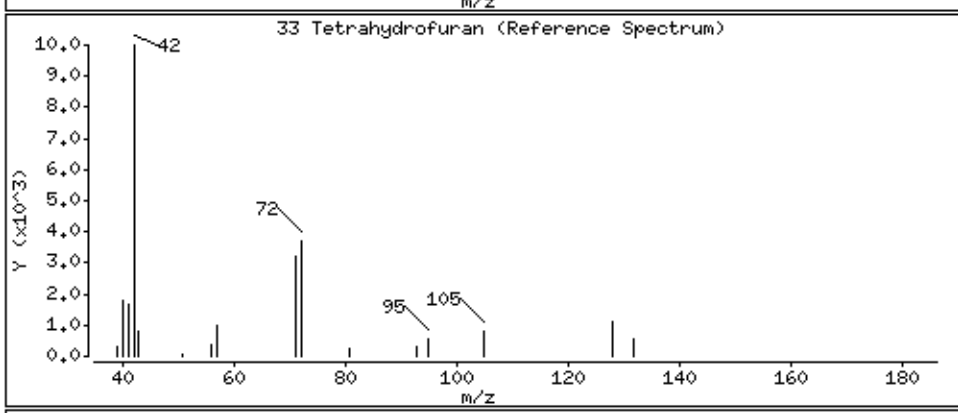
33 Tetrahydrofuran

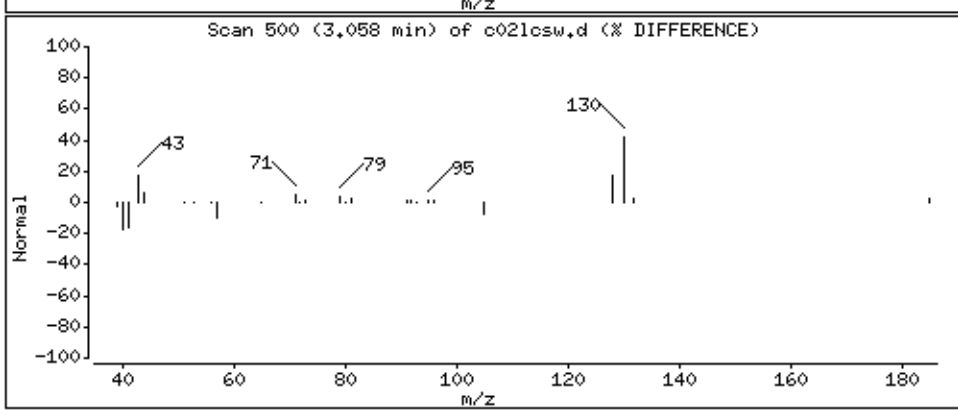
Concentration: 37.2 ppb

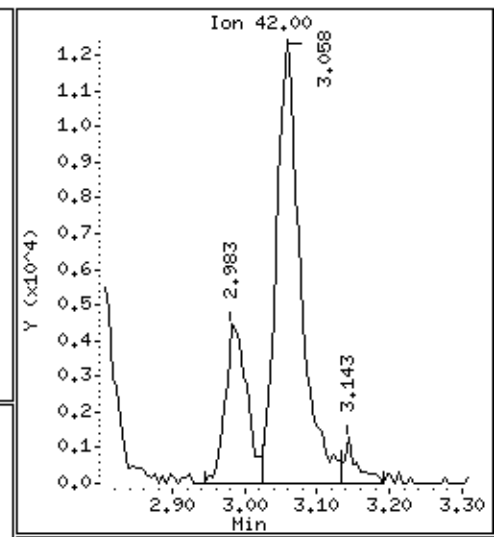
Review Code:

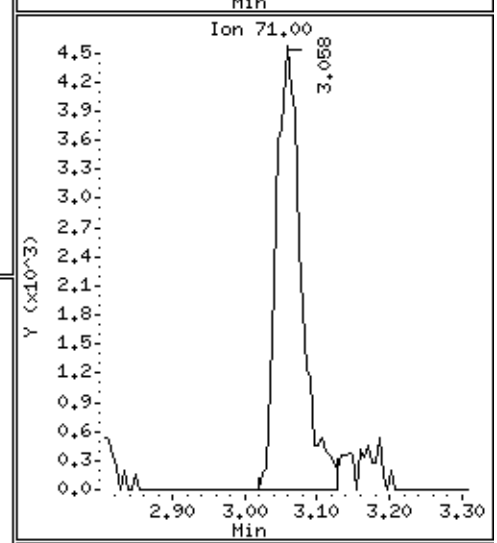


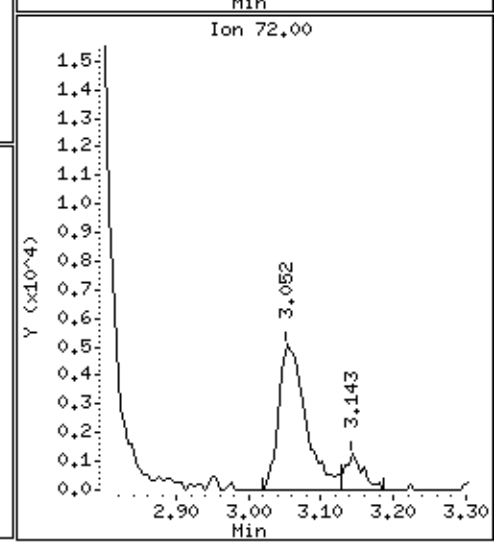












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

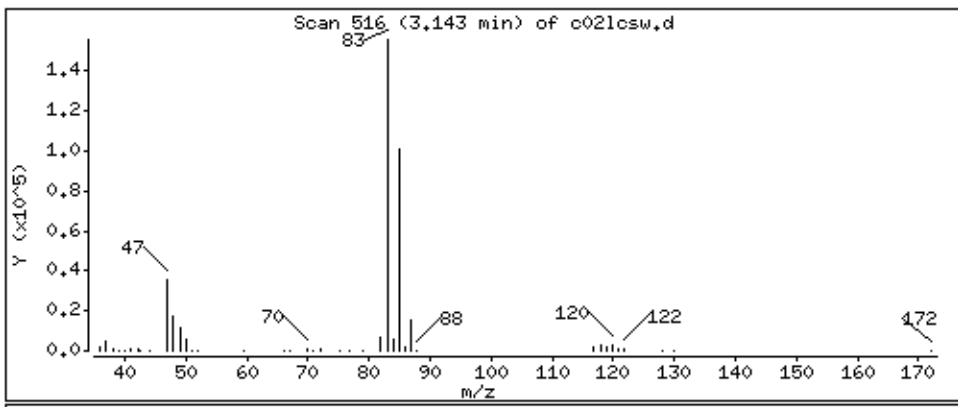
Column phase: DB-624

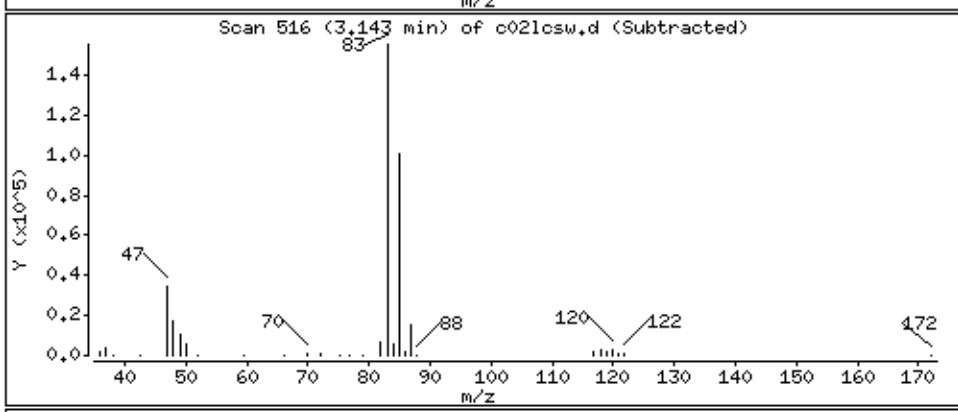
Column diameter: 0.18

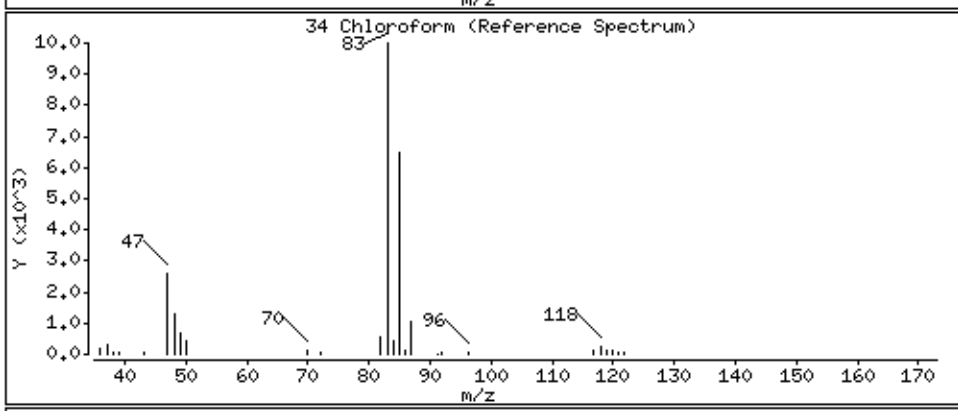
34 Chloroform

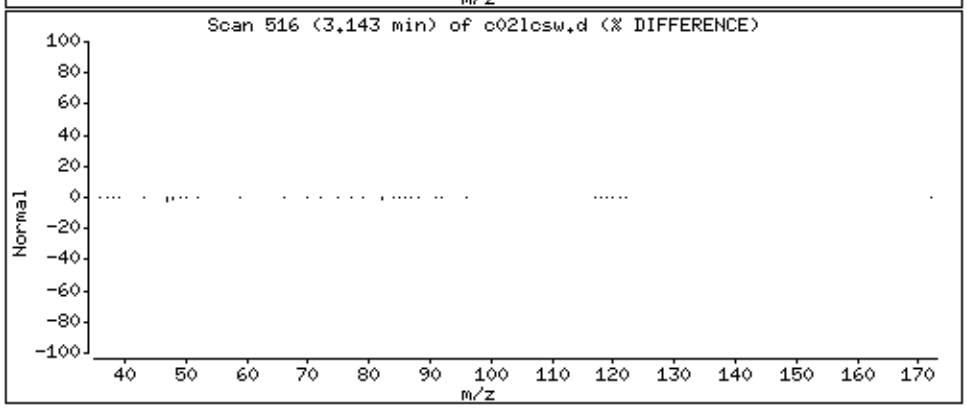
Concentration: 41.9 ppb

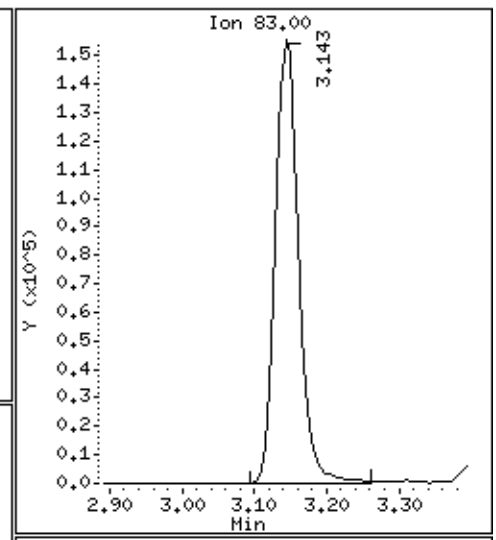
Review Code:

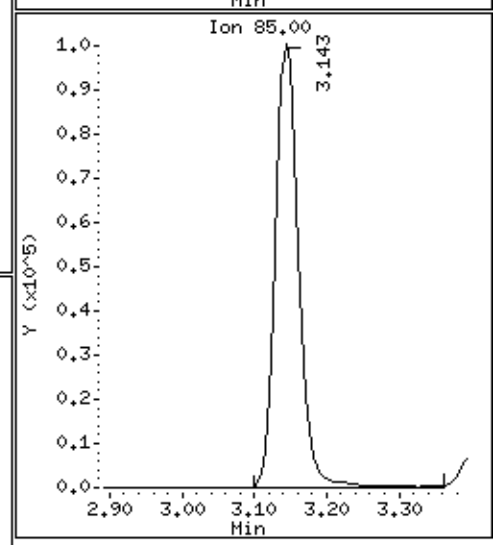












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

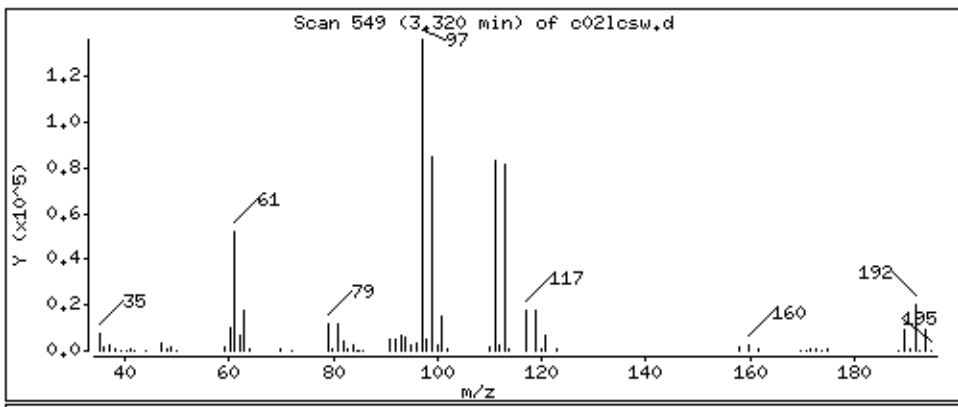
Column phase: DB-624

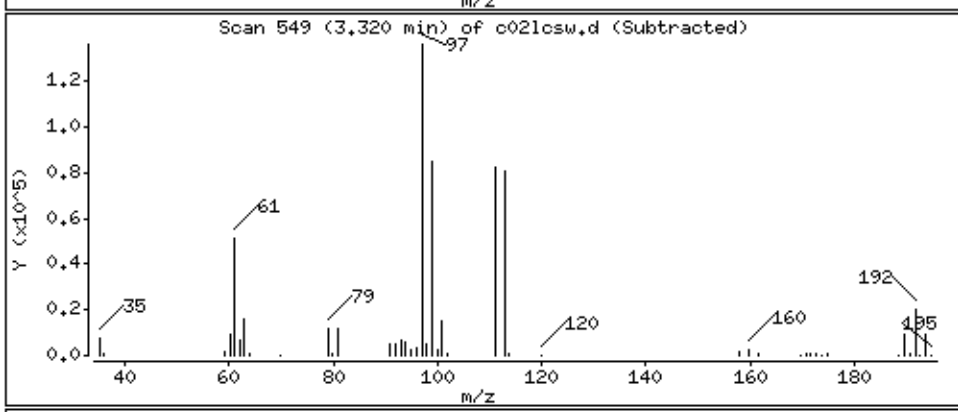
Column diameter: 0.18

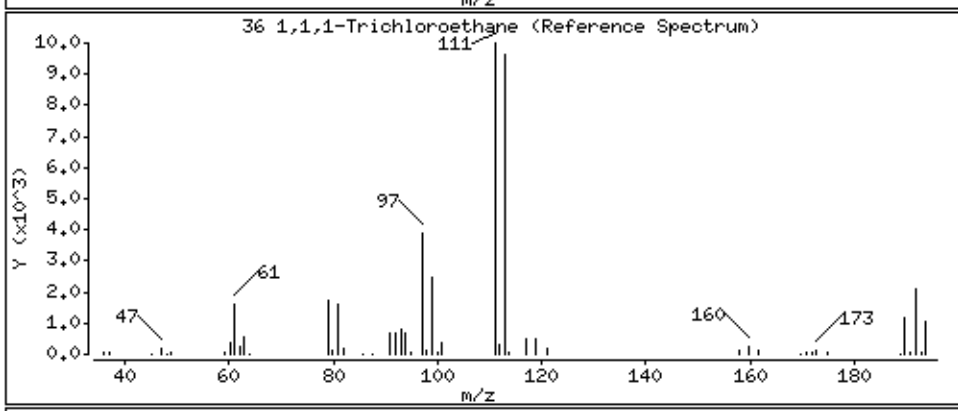
36 1,1,1-Trichloroethane

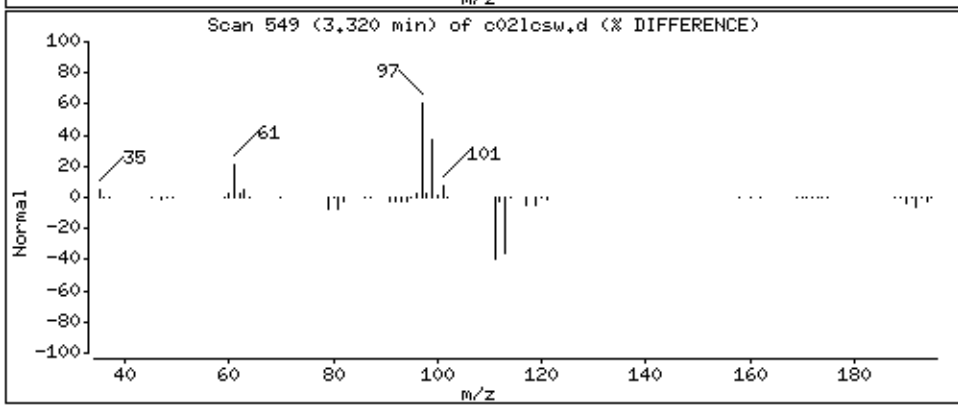
Concentration: 40.6 ppb

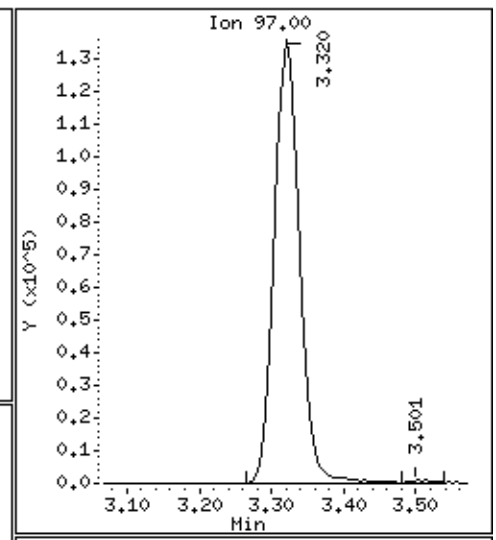
Review Code:

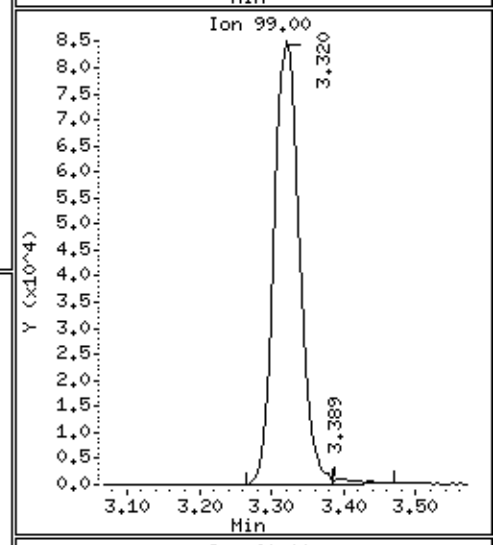


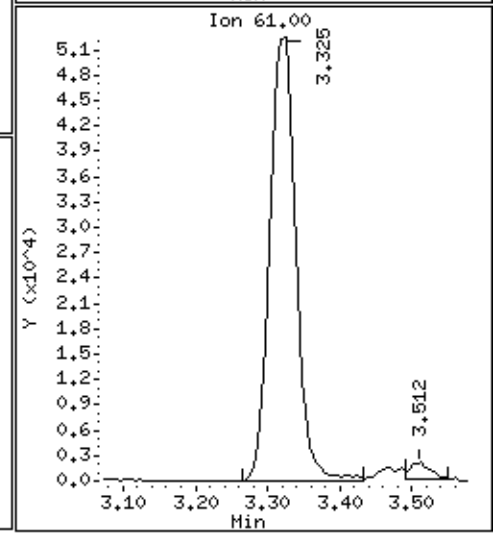












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

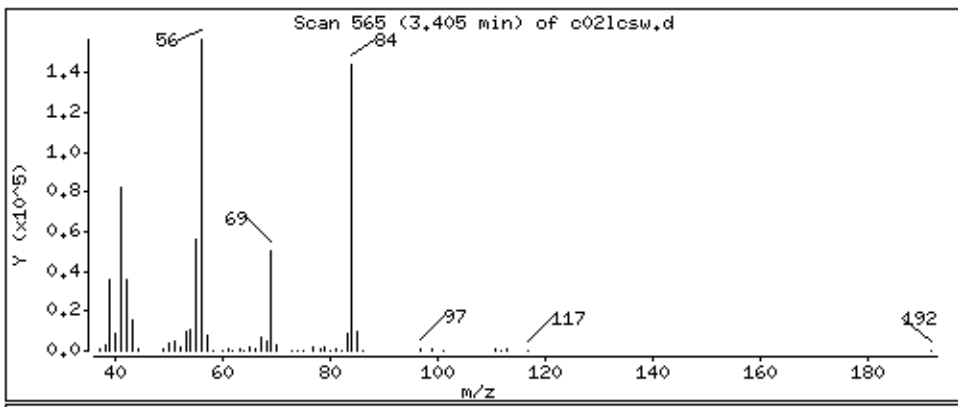
Column phase: DB-624

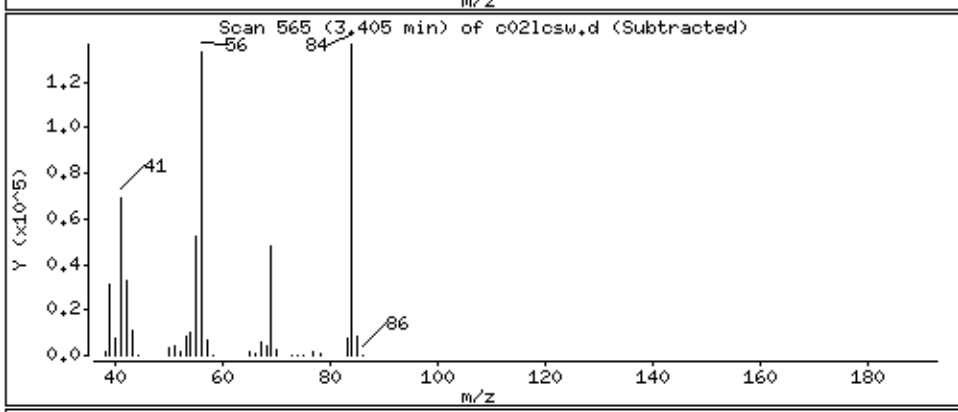
Column diameter: 0.18

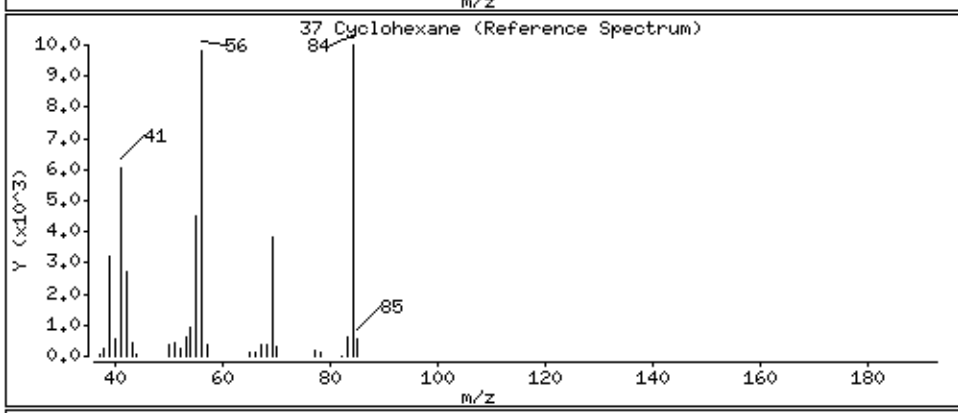
37 Cyclohexane

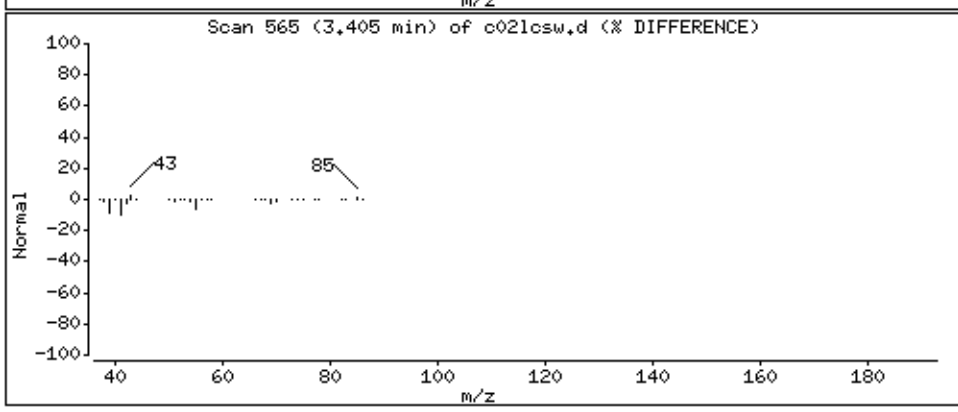
Concentration: 40.7 ppb

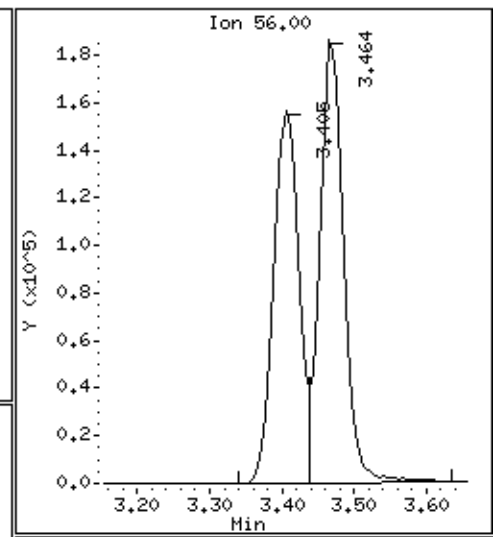
Review Code:

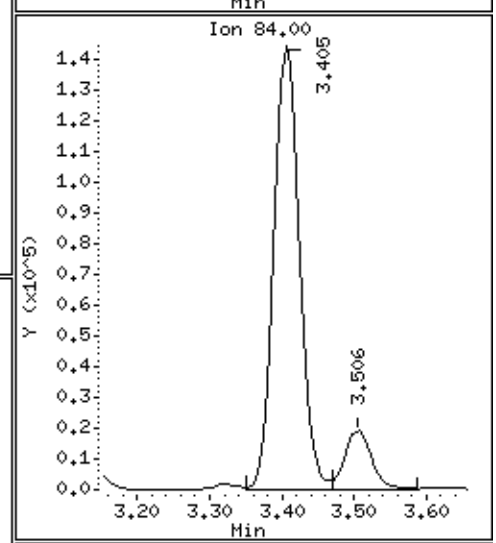


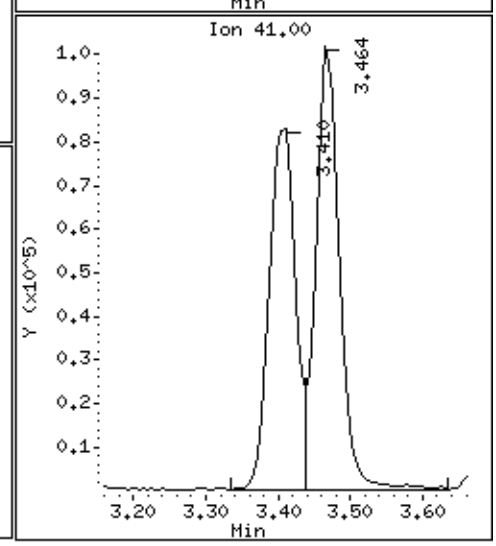












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

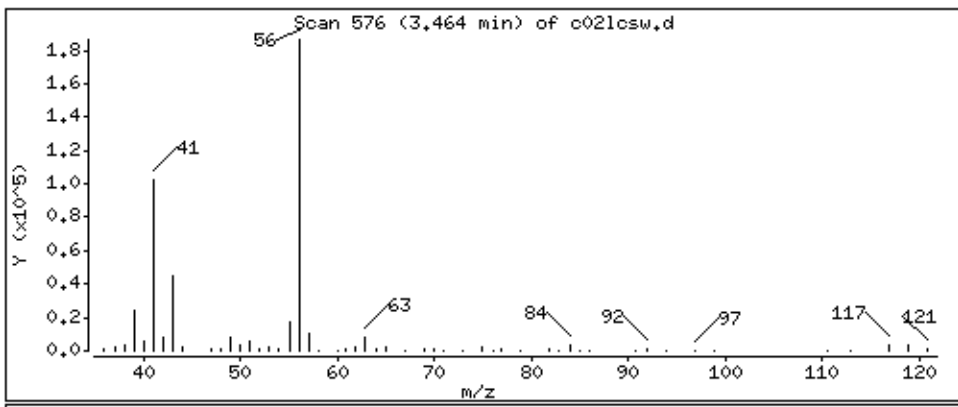
Column phase: DB-624

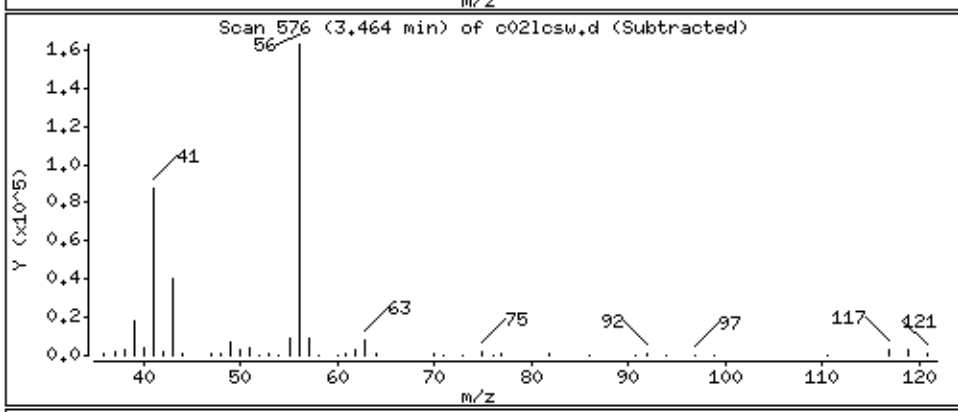
Column diameter: 0.18

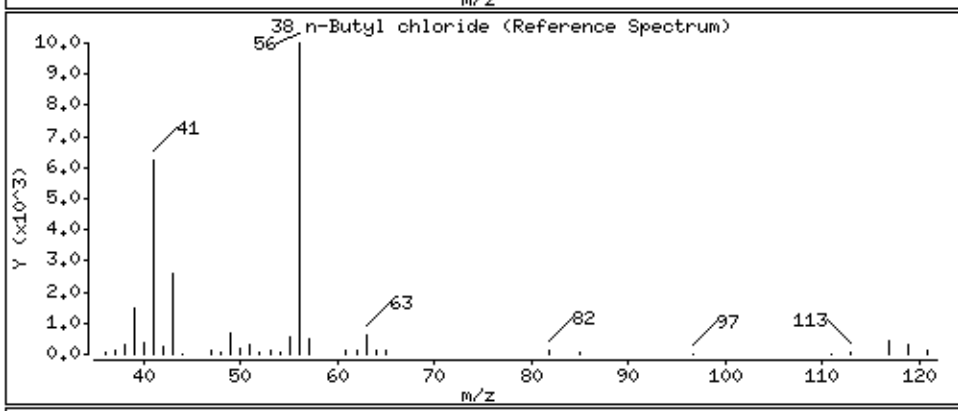
38 n-Butyl chloride

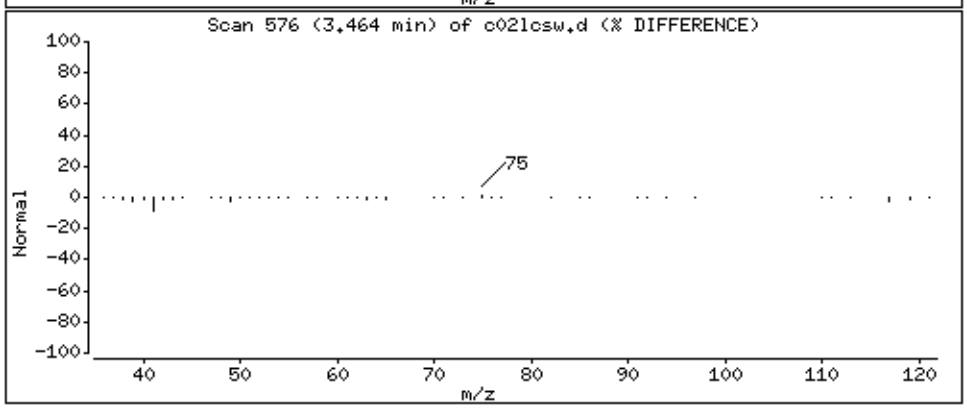
Concentration: 39.2 ppb

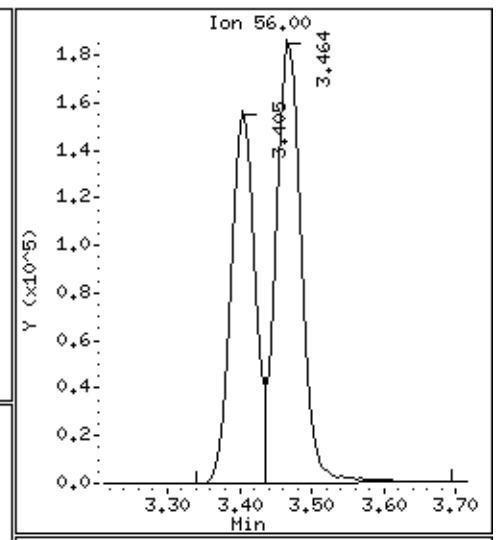
Review Code:

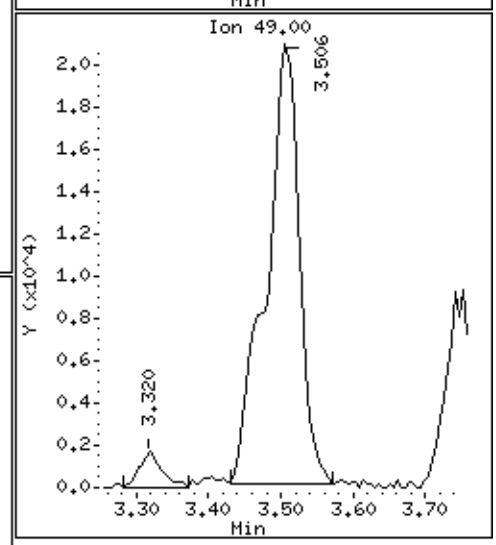












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

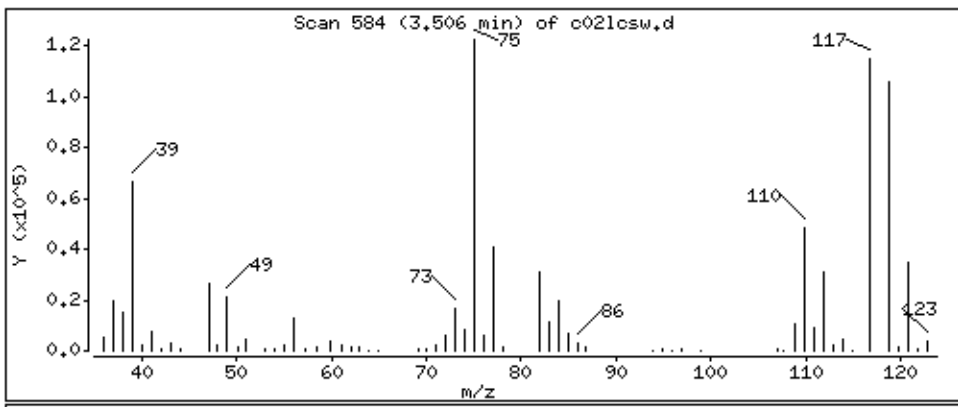
Column phase: DB-624

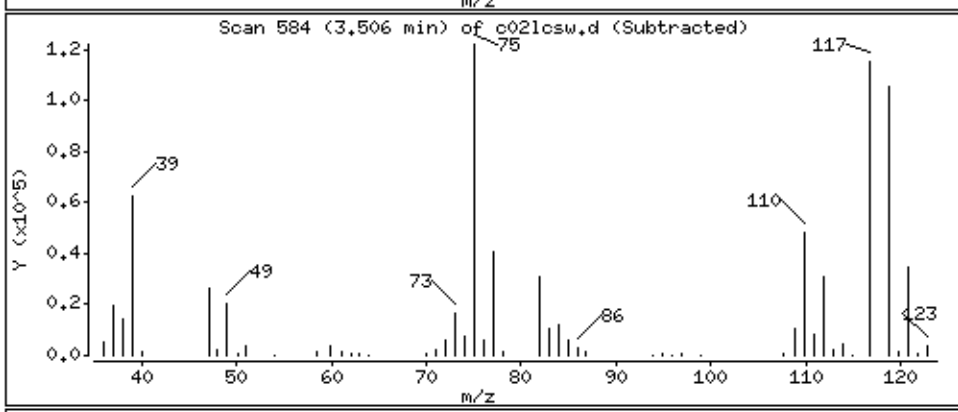
Column diameter: 0.18

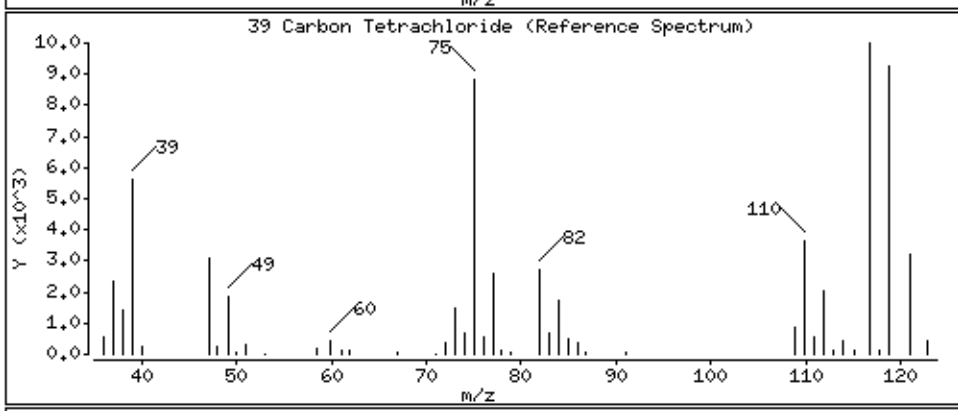
39 Carbon Tetrachloride

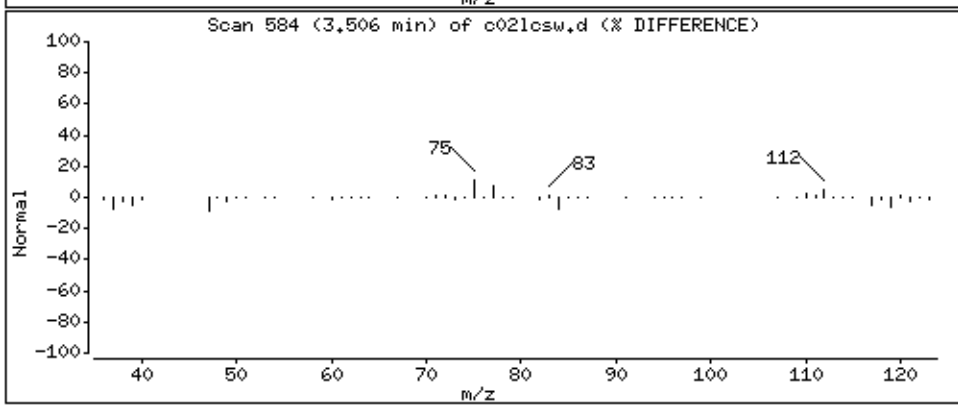
Concentration: 41.7 ppb

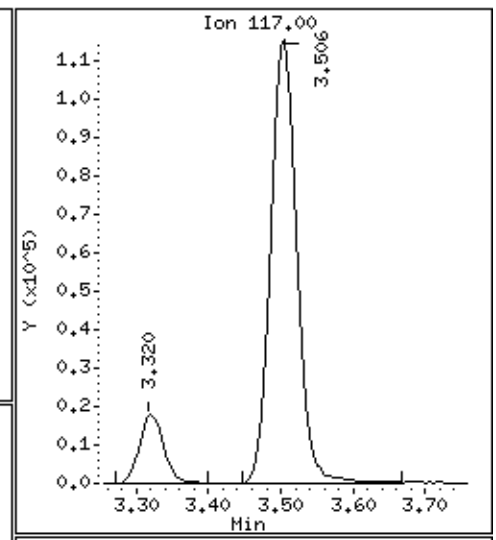
Review Code:

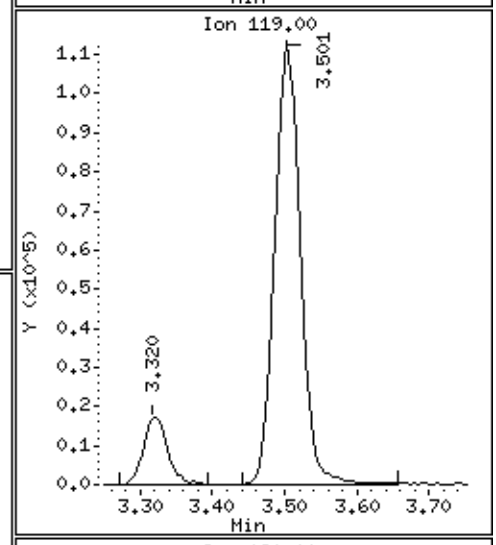


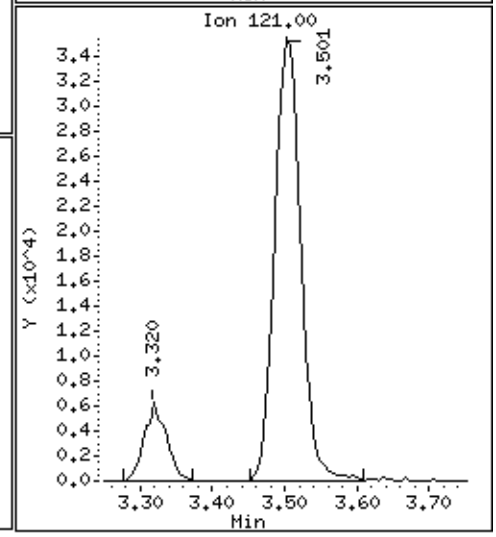












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

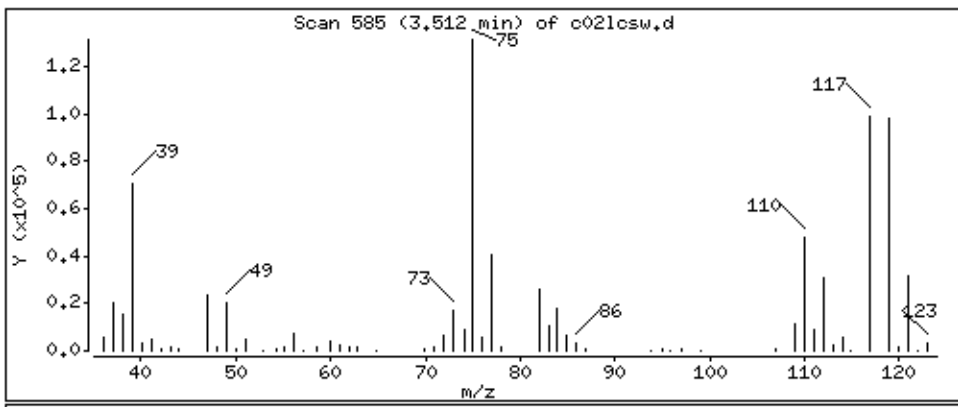
Column phase: DB-624

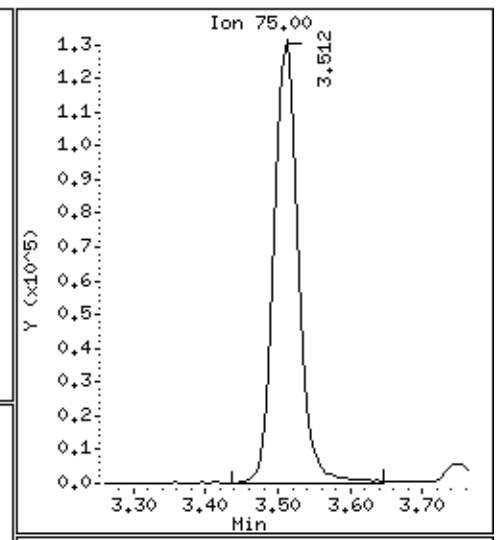
Column diameter: 0.18

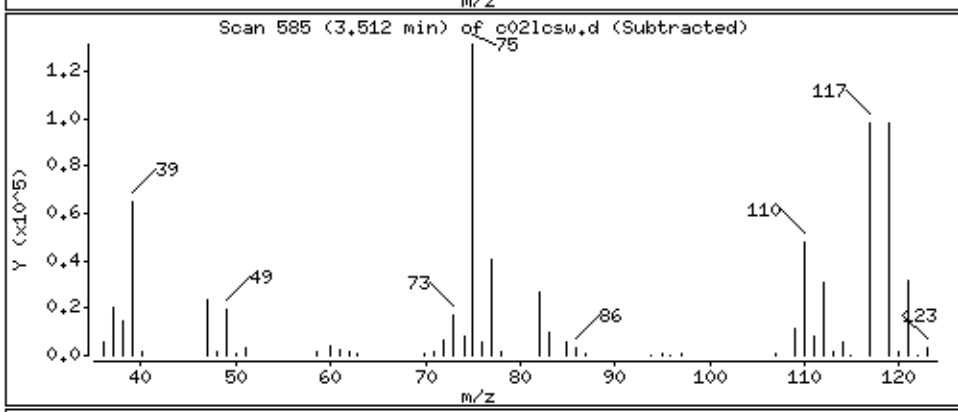
40 1,1-Dichloropropene

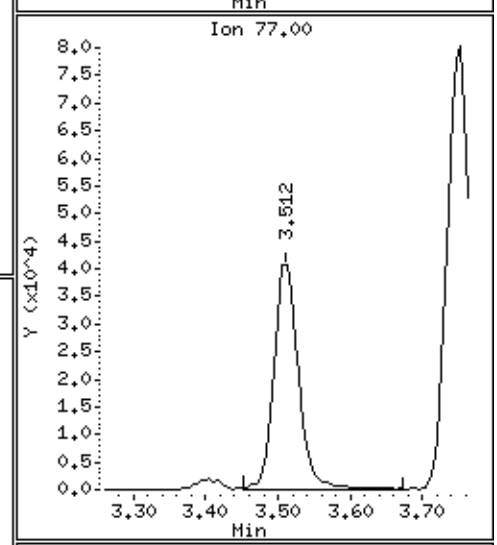
Concentration: 43.2 ppb

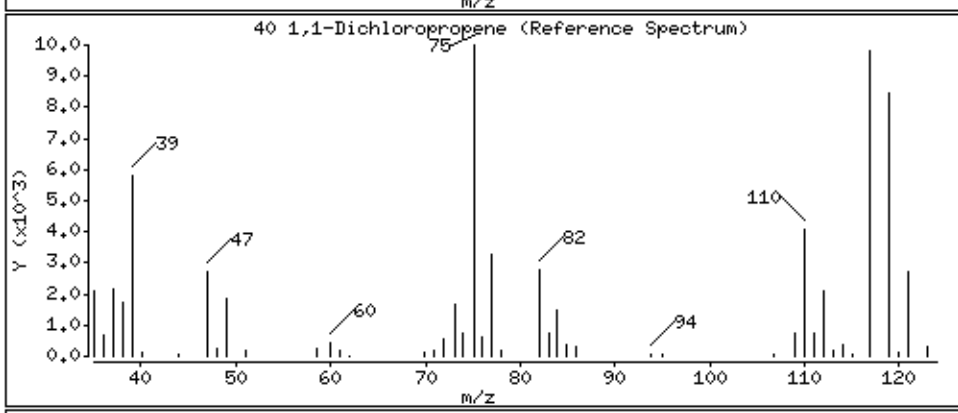
Review Code:

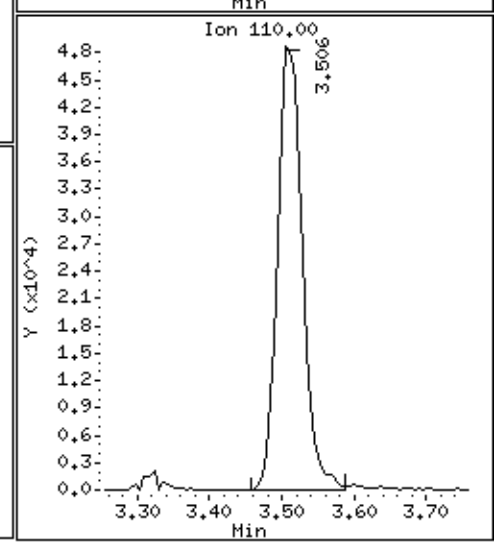


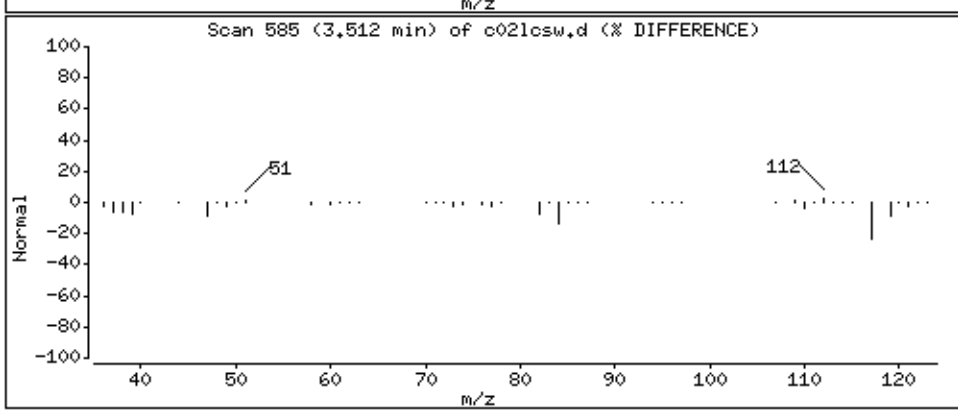












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

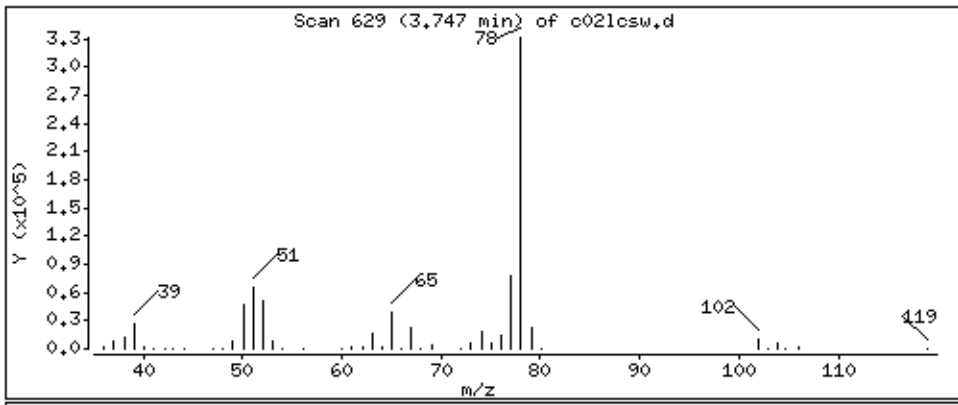
Column phase: DB-624

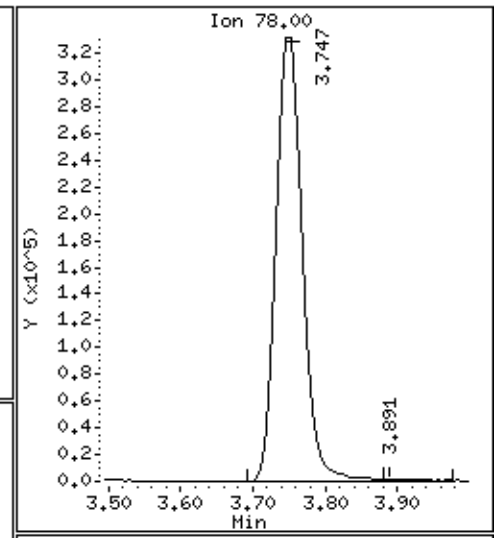
Column diameter: 0.18

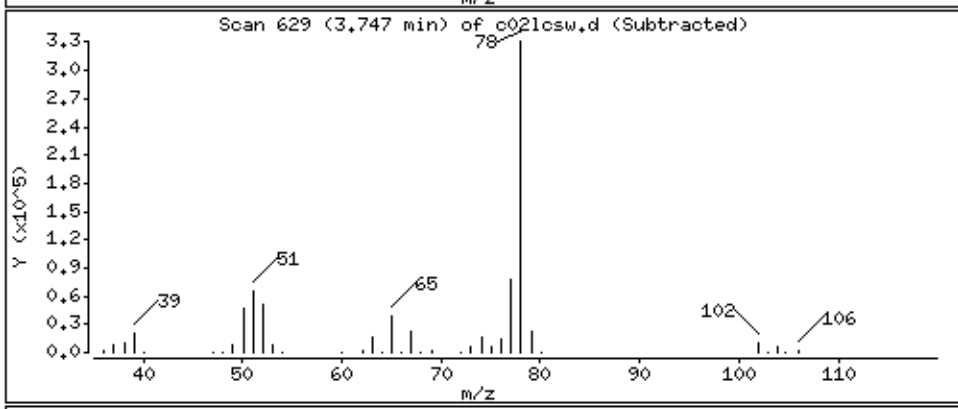
41 Benzene

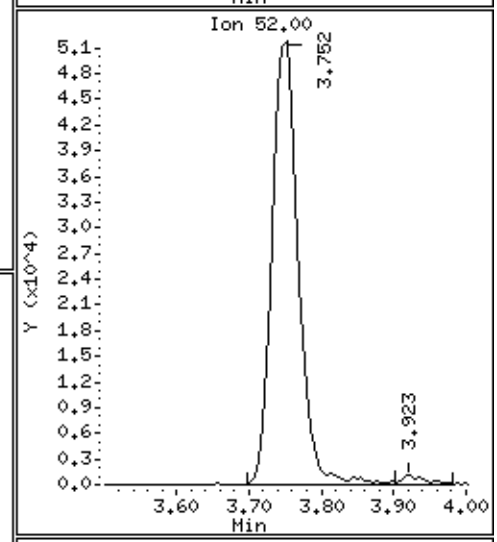
Concentration: 44.4 ppb

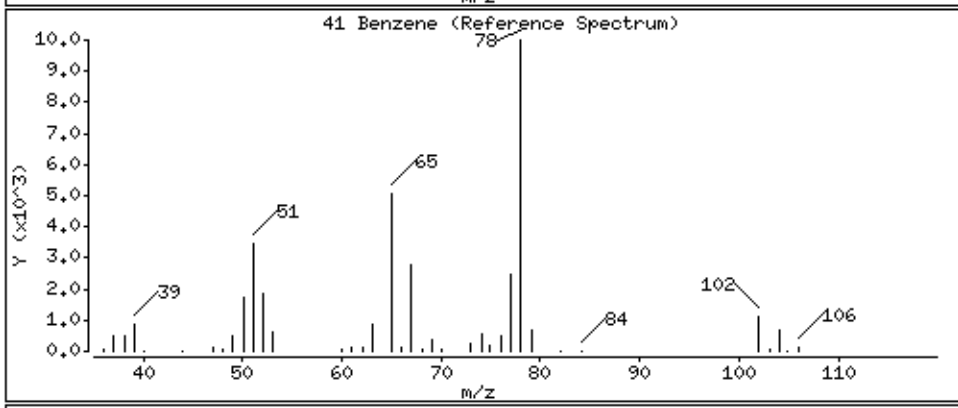
Review Code:

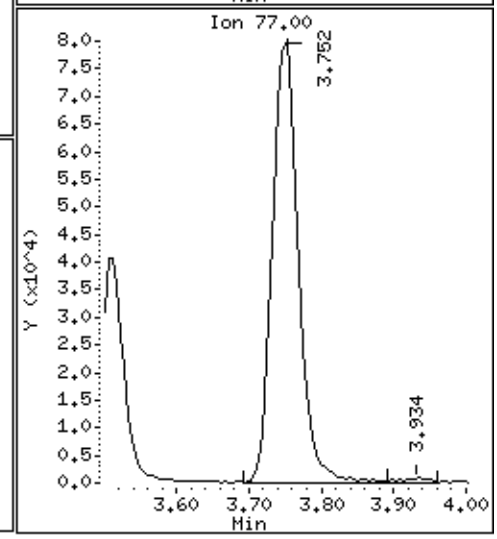


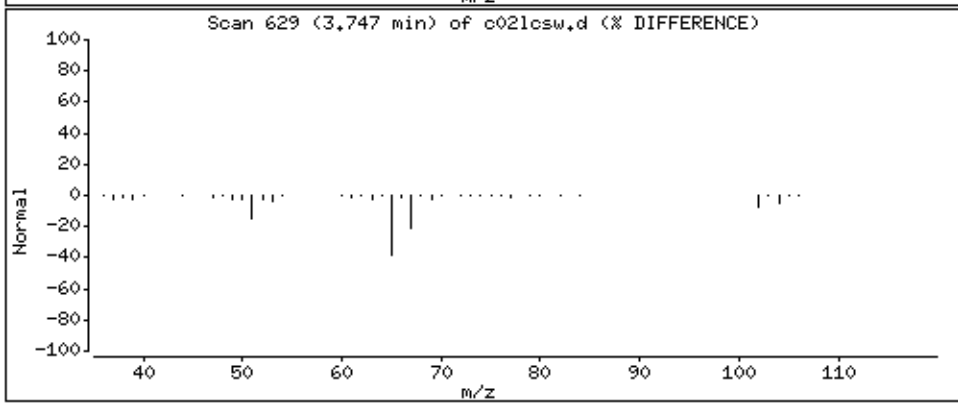












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

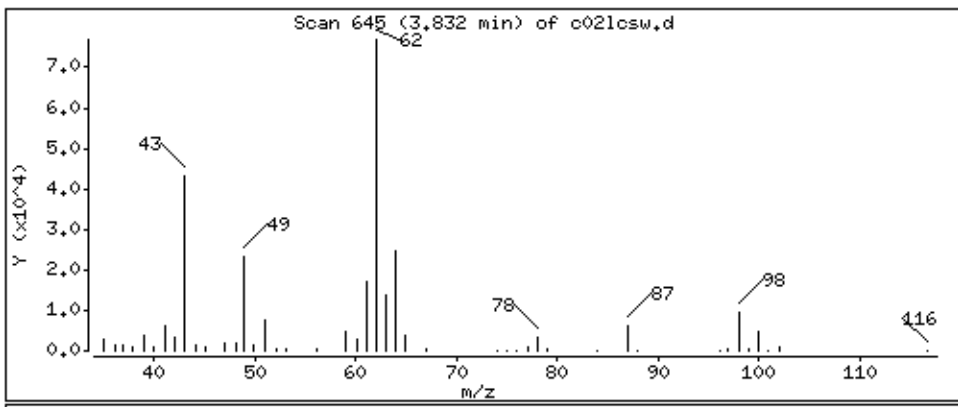
Column phase: DB-624

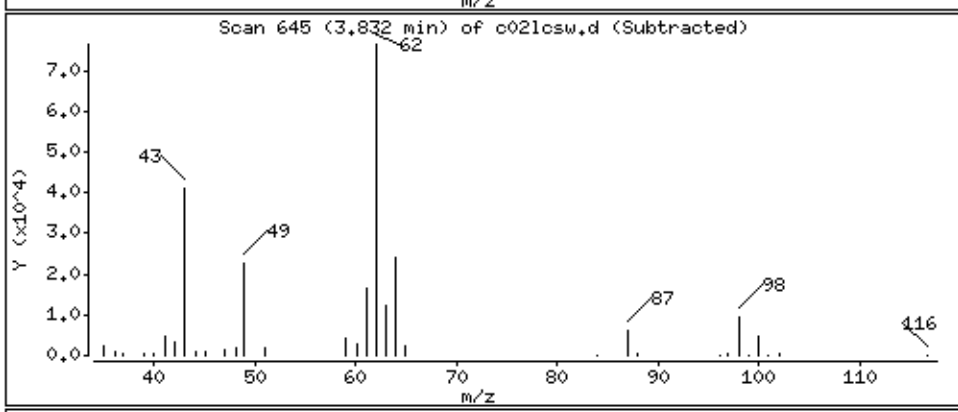
Column diameter: 0.18

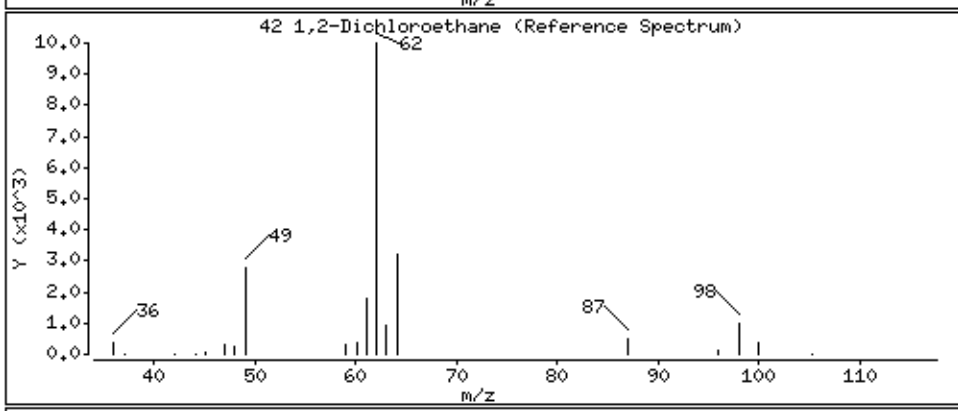
42 1,2-Dichloroethane

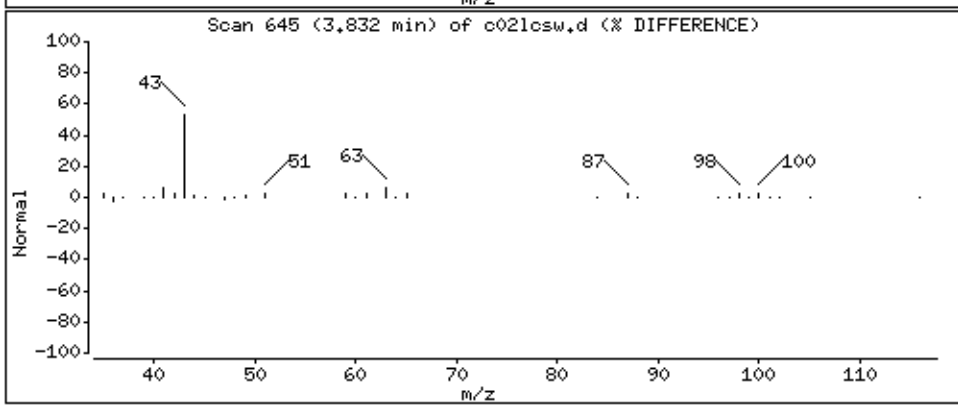
Concentration: 38.5 ppb

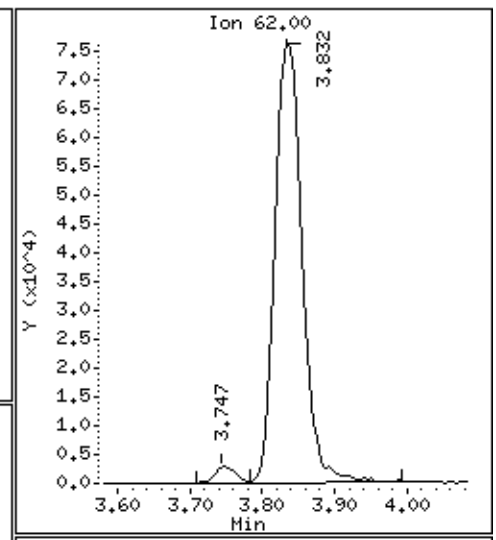
Review Code:

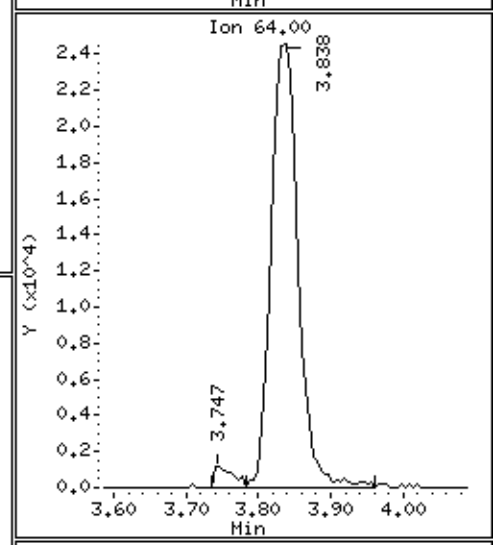


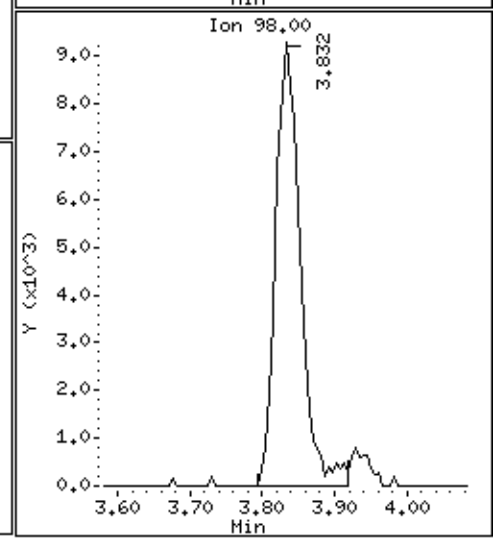












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

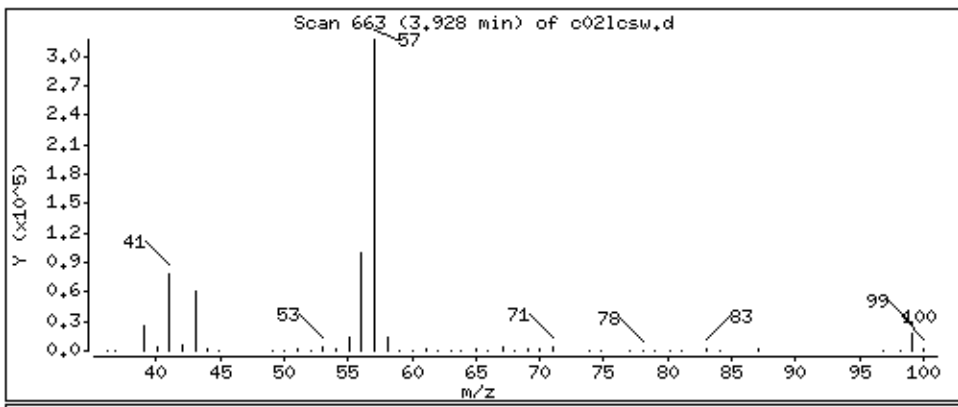
Column phase: DB-624

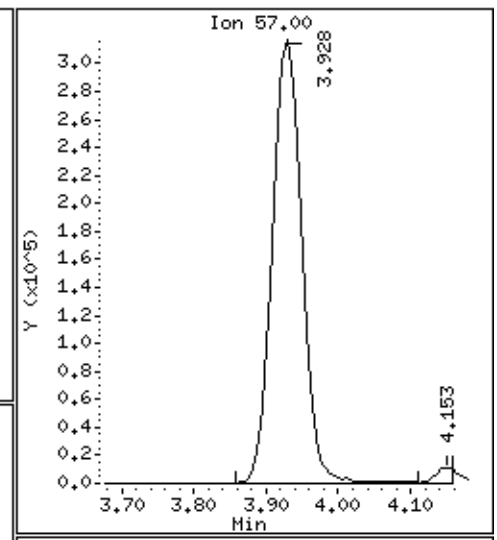
Column diameter: 0.18

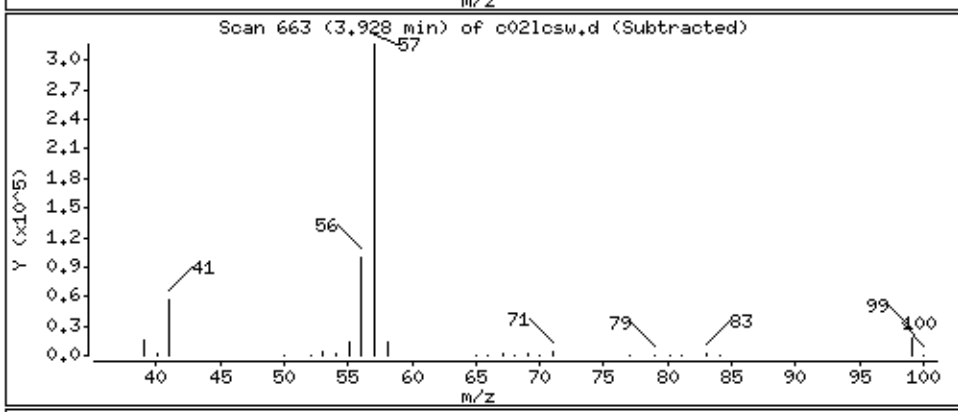
43 2,2,4-Trimethylpentane

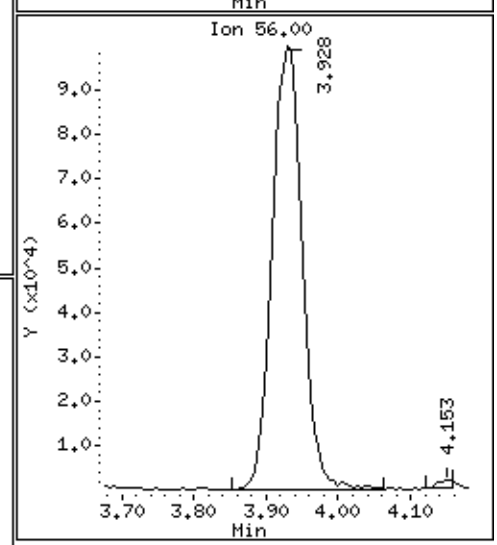
Concentration: 44.7 ppb

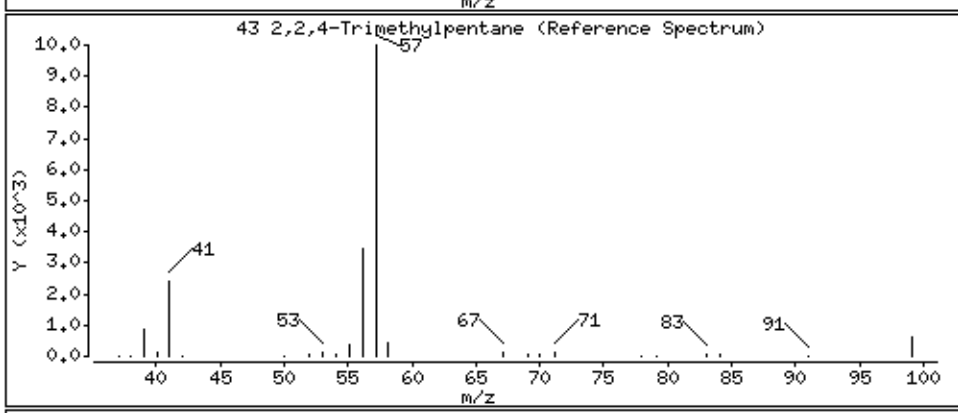
Review Code:

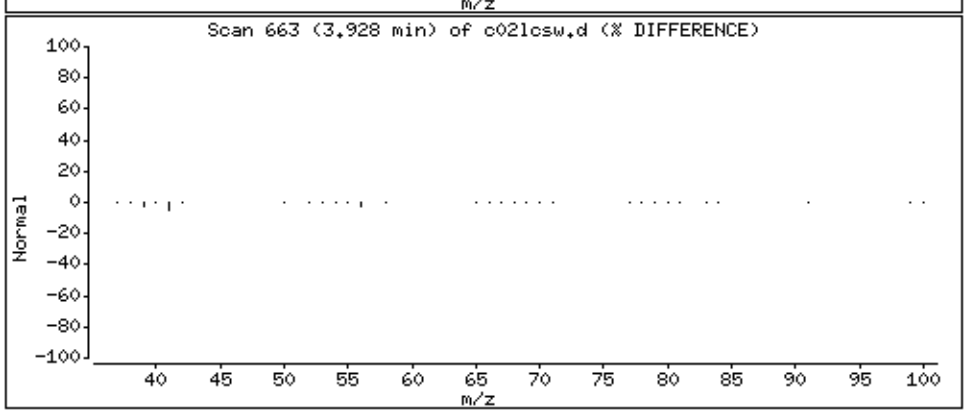












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

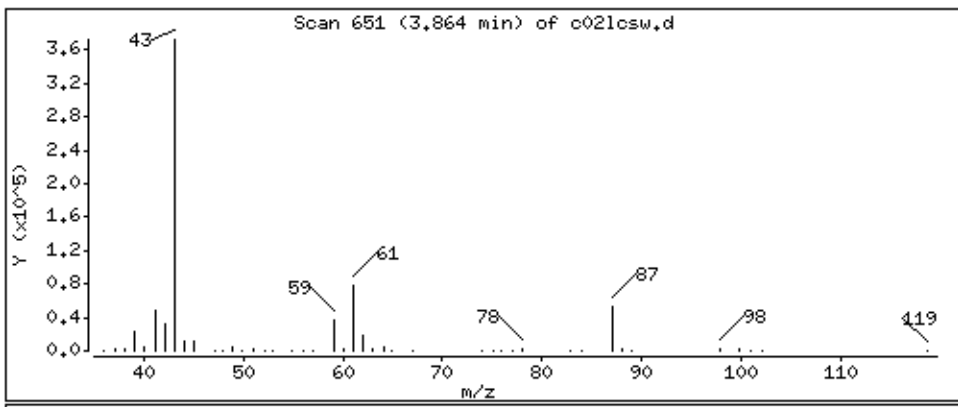
Column phase: DB-624

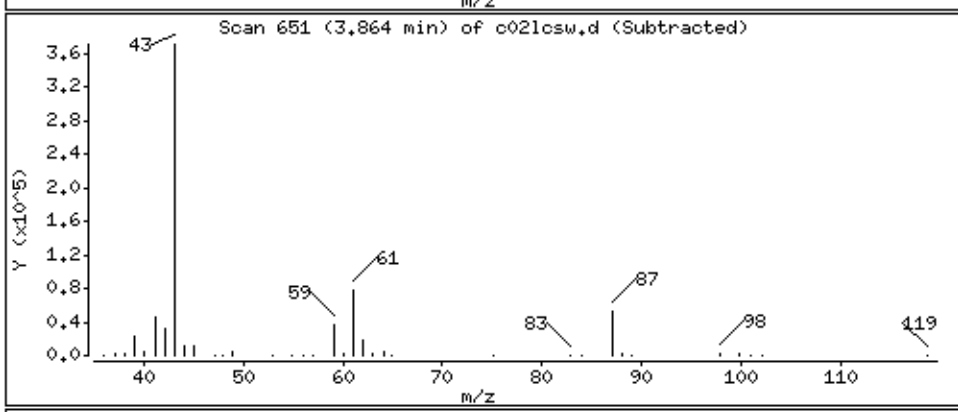
Column diameter: 0.18

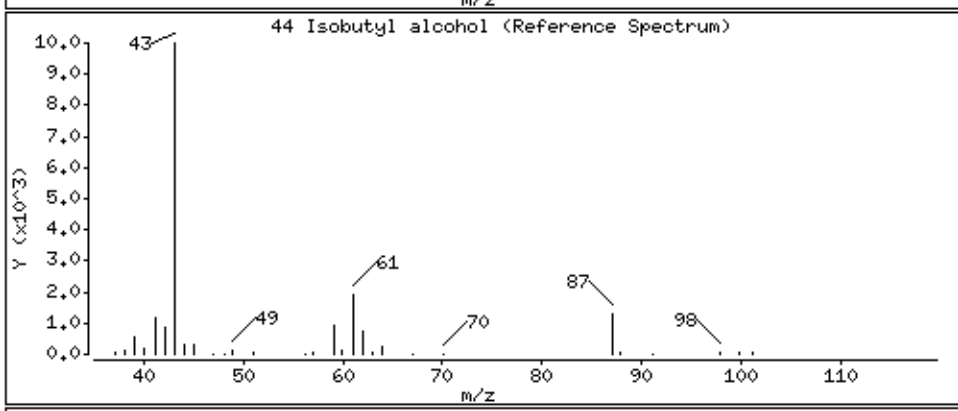
44 Isobutyl alcohol

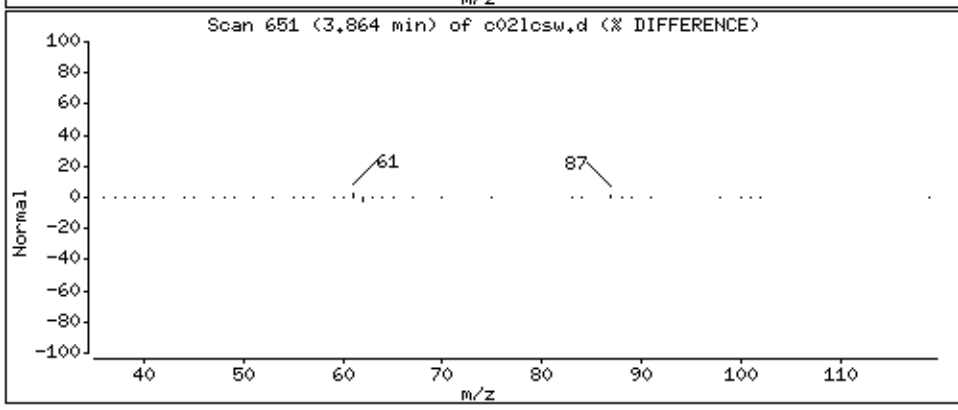
Concentration: 49.4 ppb

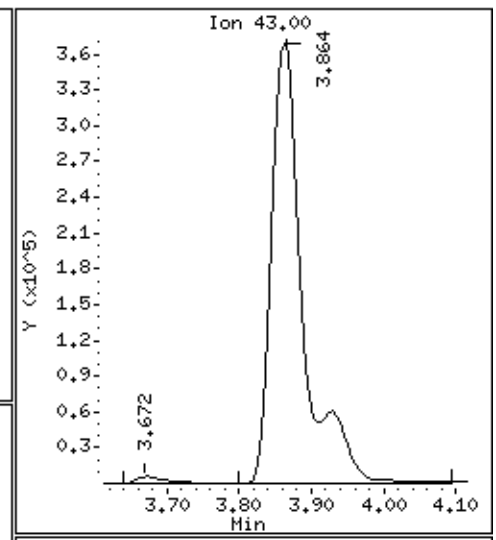
Review Code:

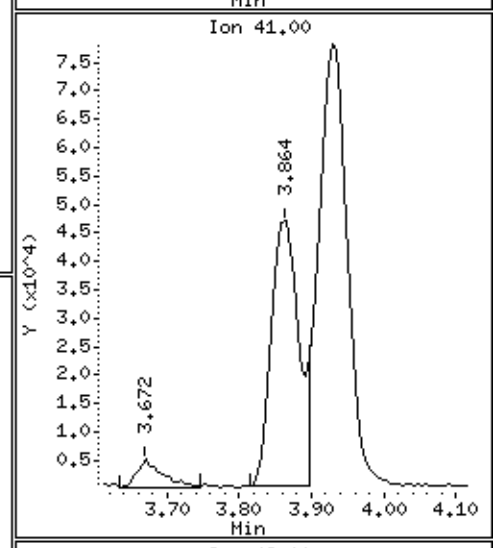


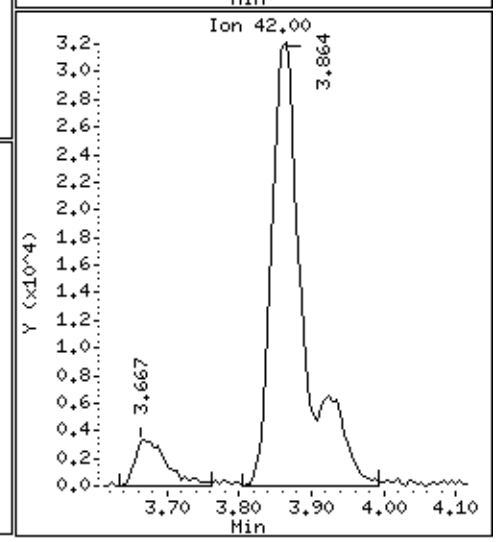












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

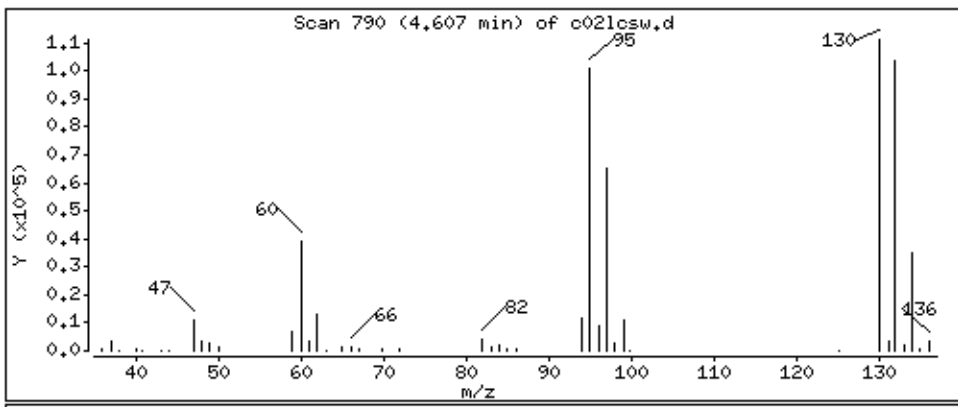
Column phase: DB-624

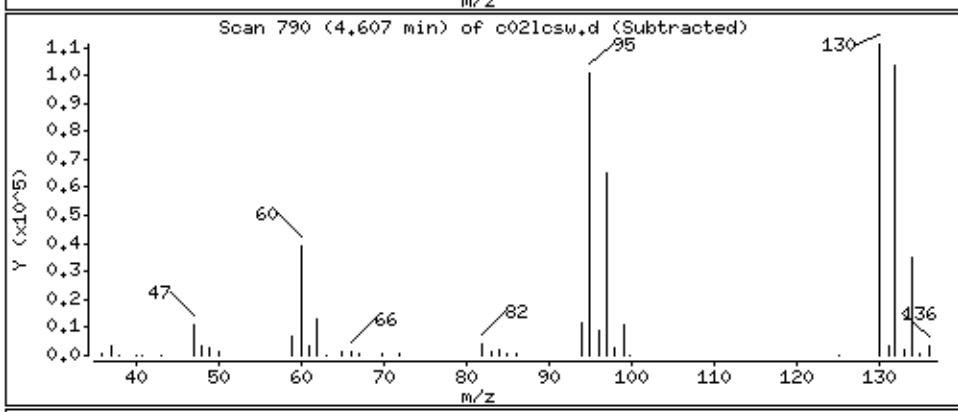
Column diameter: 0.18

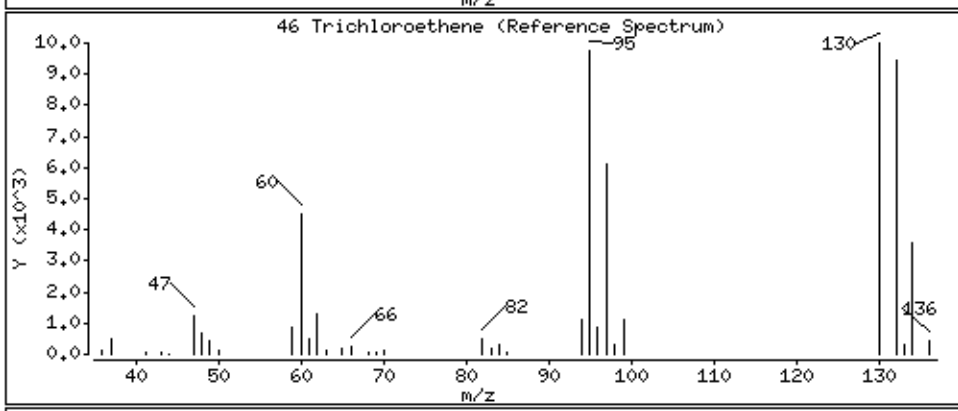
46 Trichloroethene

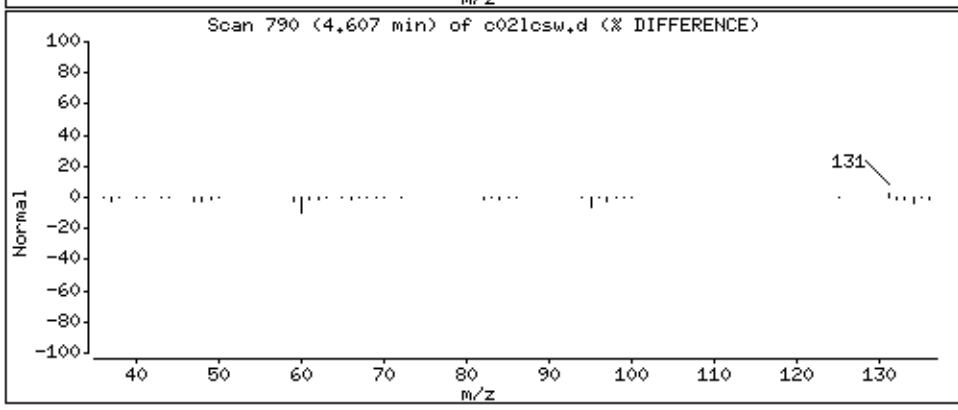
Concentration: 44.0 ppb

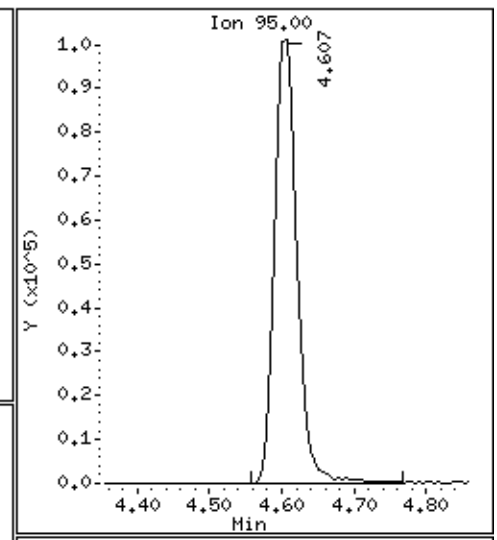
Review Code:

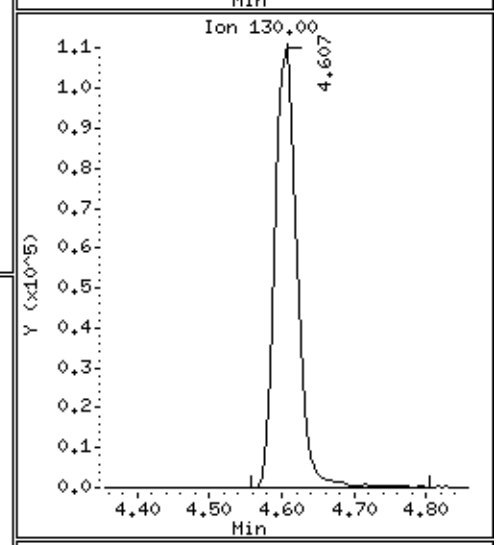


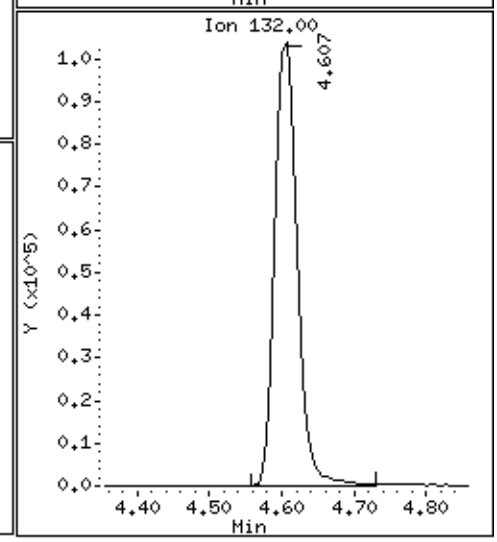












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

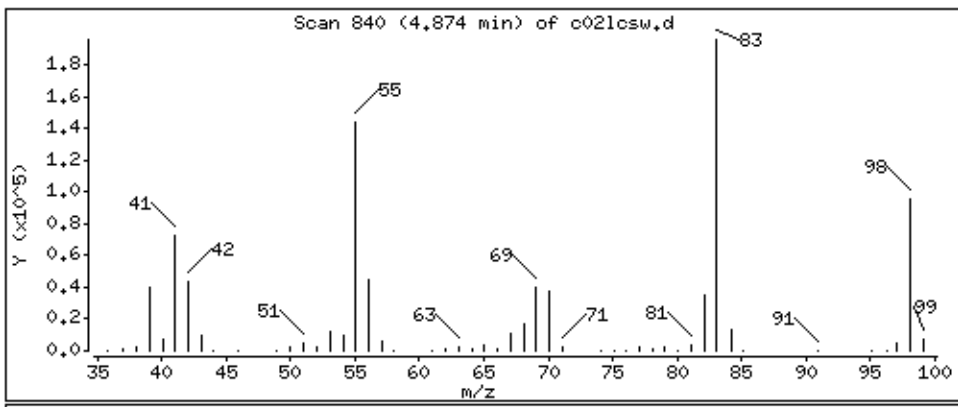
Column phase: DB-624

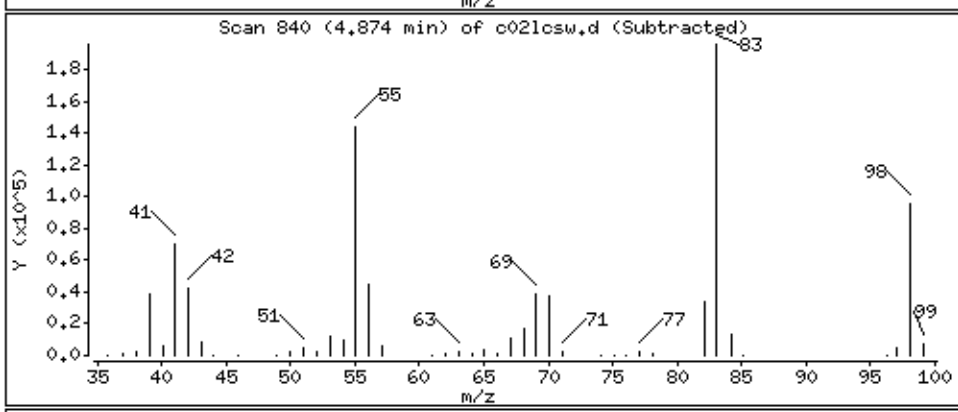
Column diameter: 0.18

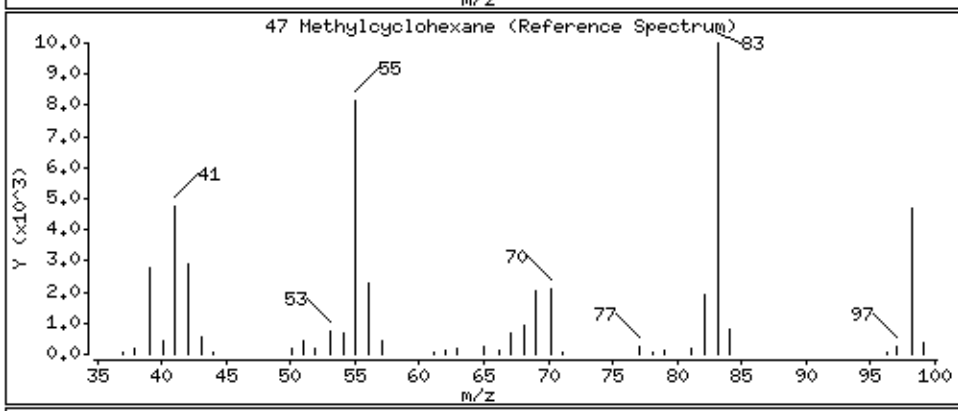
47 Methylcyclohexane

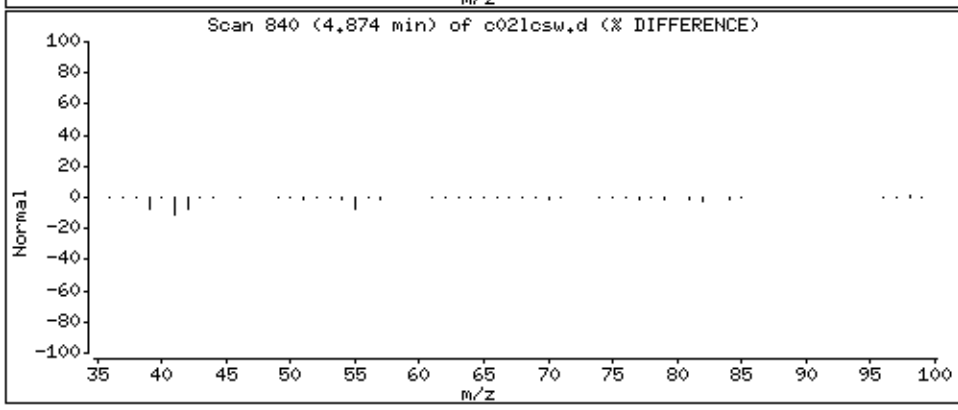
Concentration: 42.7 ppb

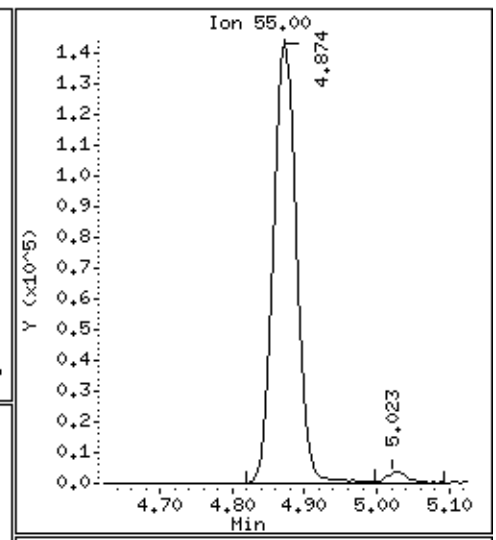
Review Code:

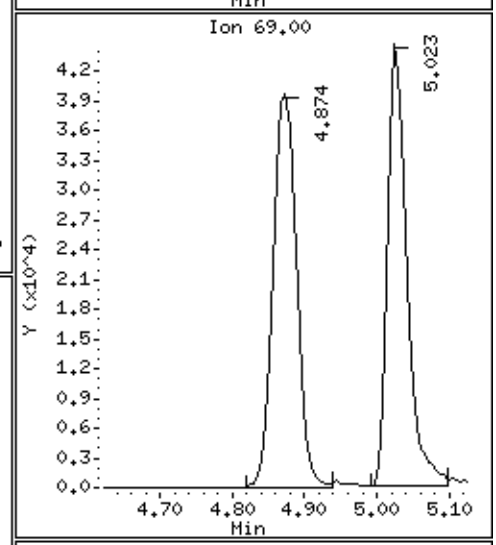


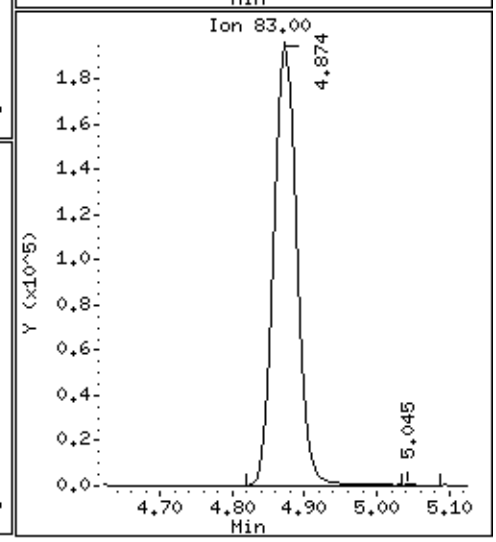












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

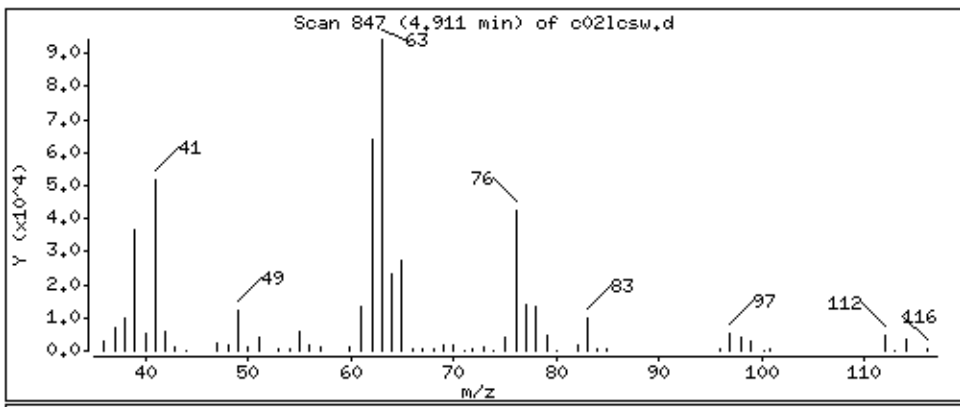
Column phase: DB-624

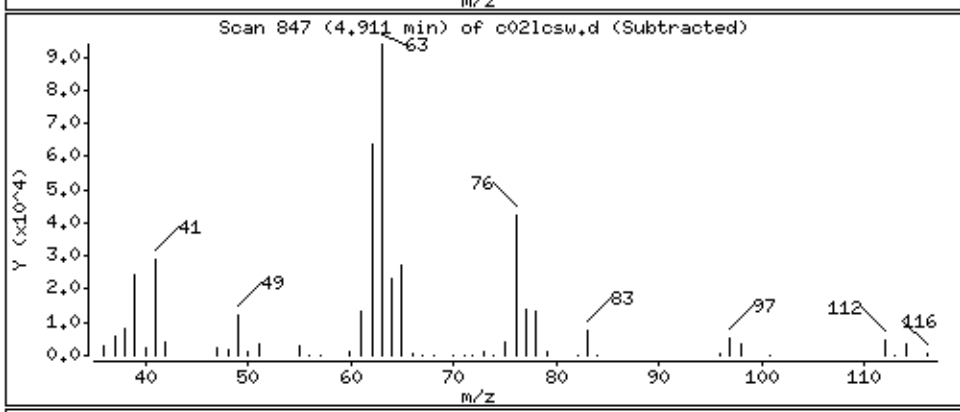
Column diameter: 0.18

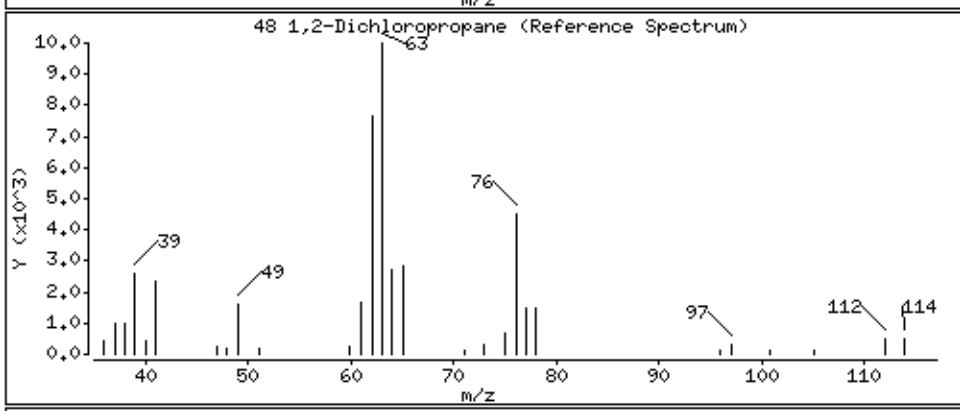
48 1,2-Dichloropropane

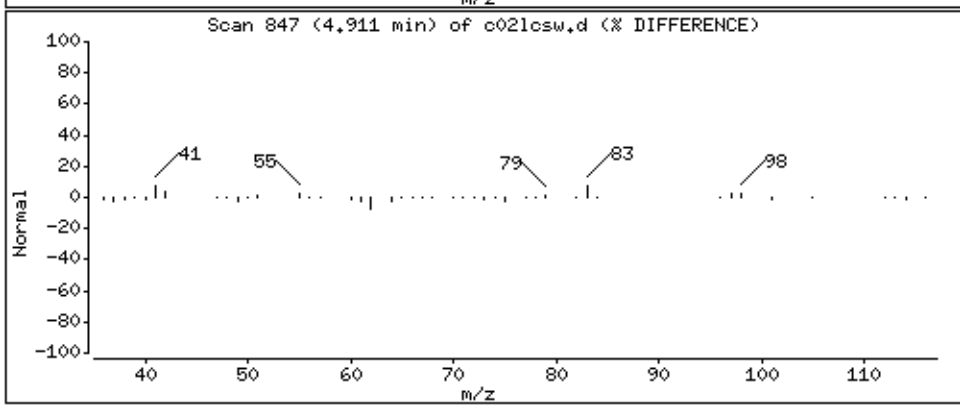
Concentration: 43.1 ppb

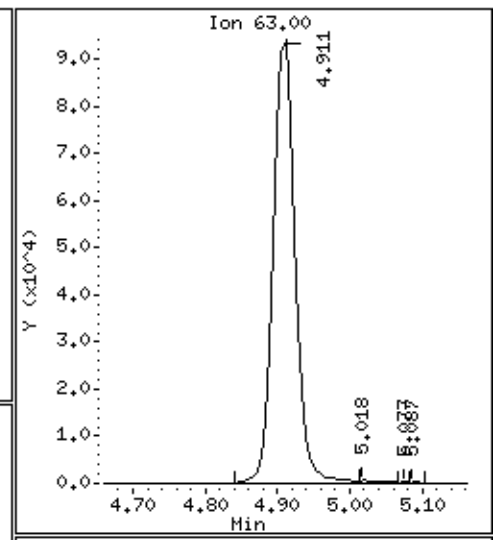
Review Code:

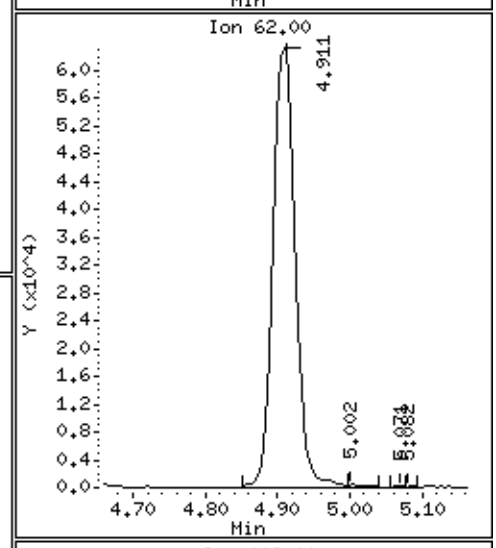


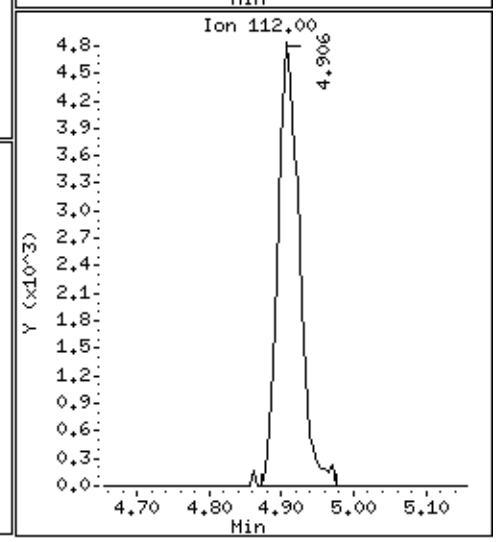












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

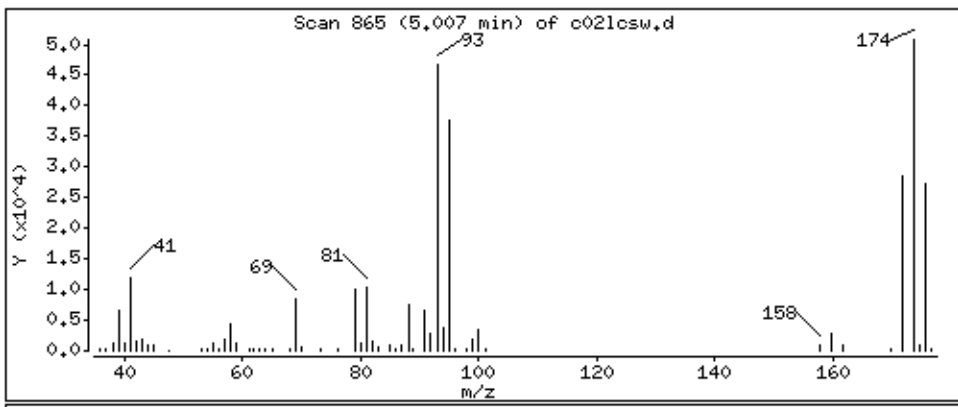
Column phase: DB-624

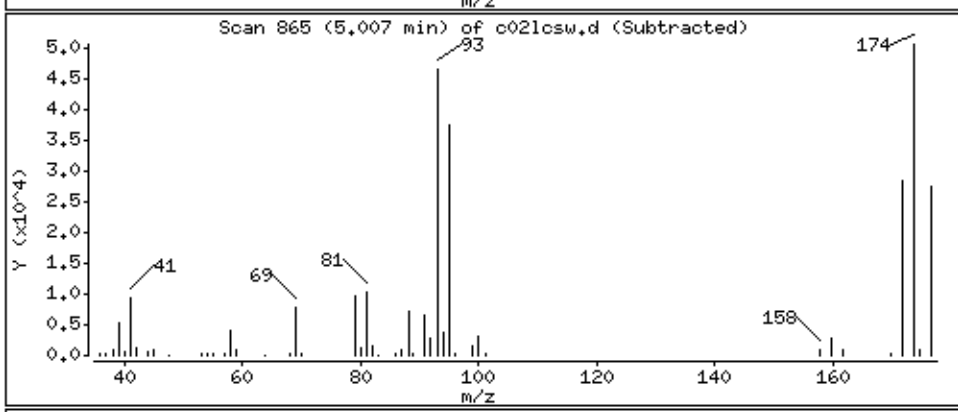
Column diameter: 0.18

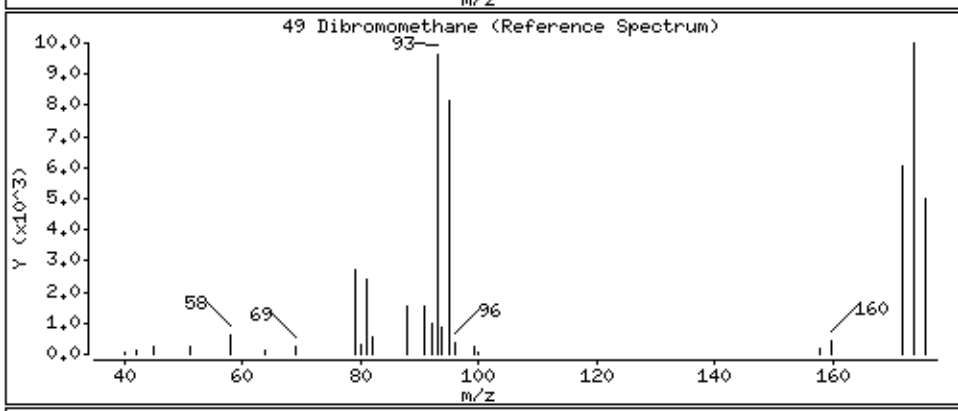
49 Dibromomethane

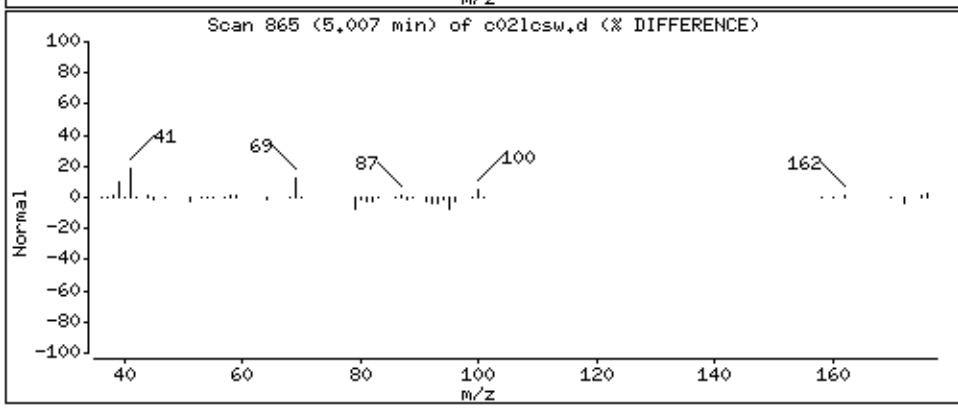
Concentration: 44.2 ppb

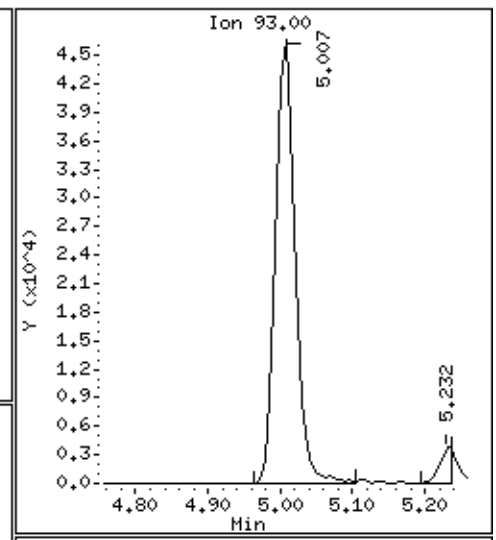
Review Code:

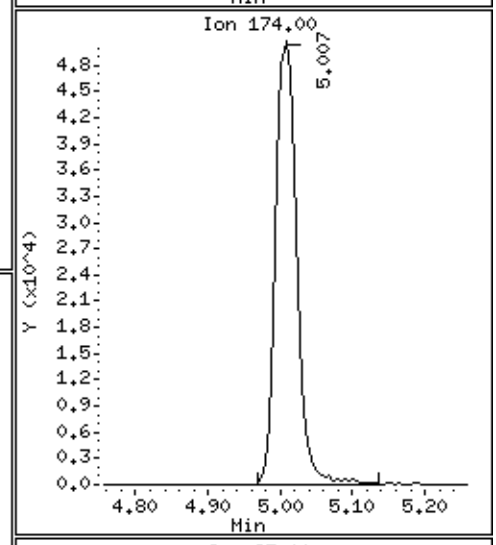


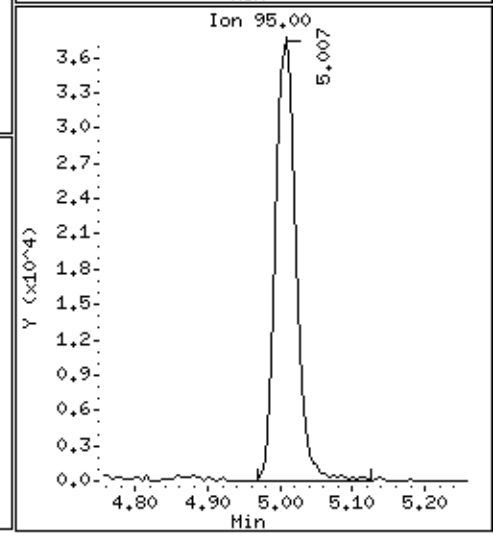












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

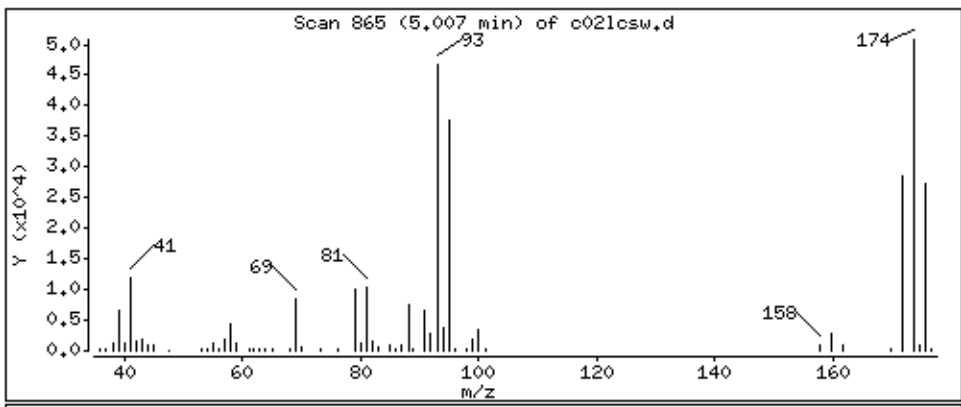
Column phase: DB-624

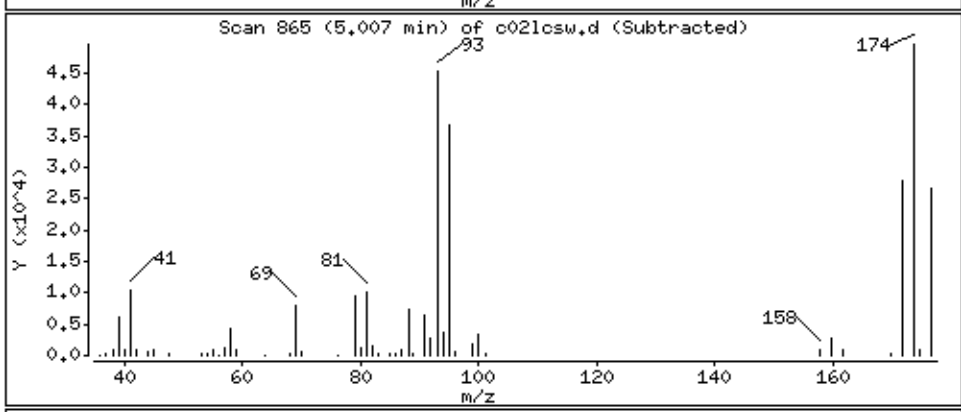
Column diameter: 0.18

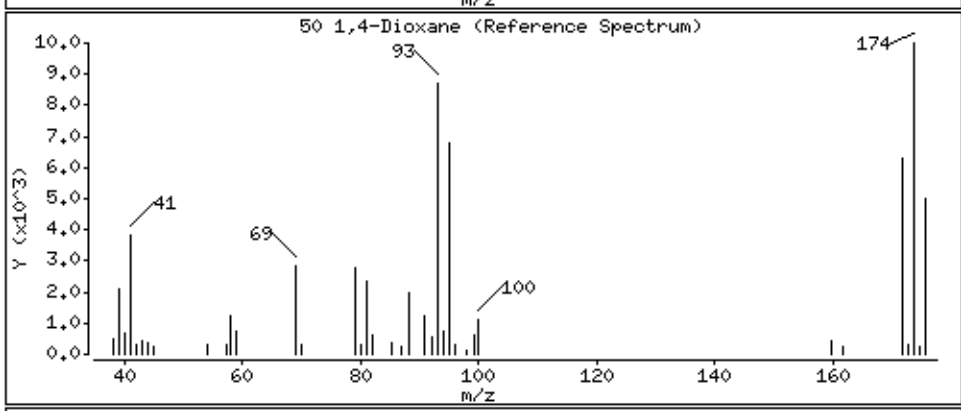
50 1,4-Dioxane

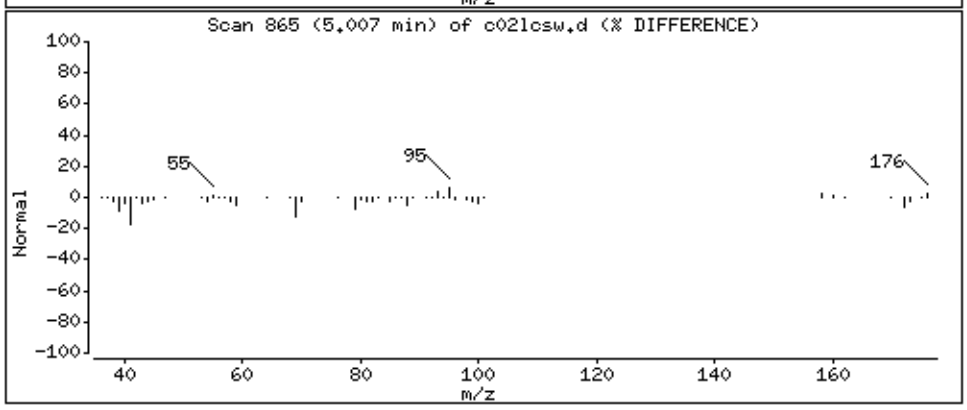
Concentration: 1020 ppb

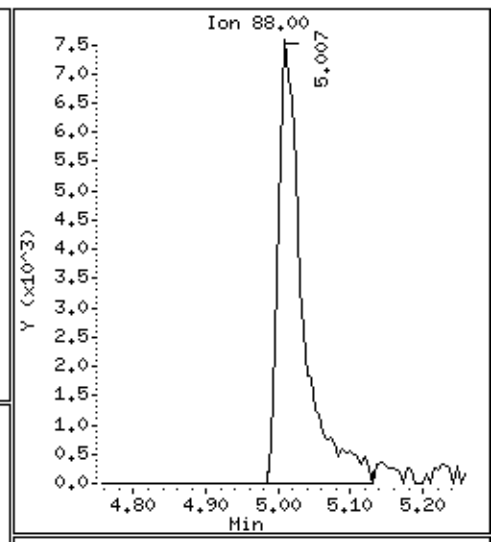
Review Code:

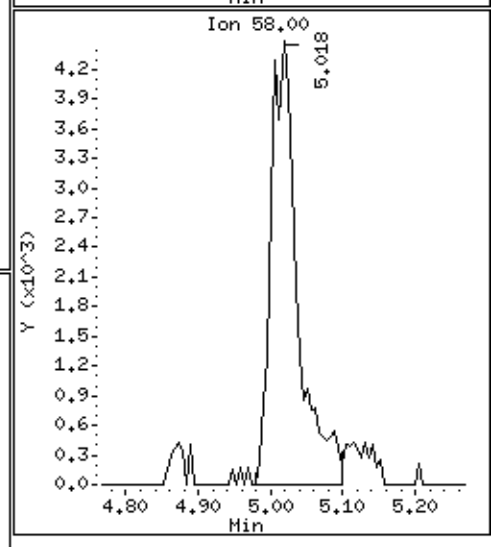












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

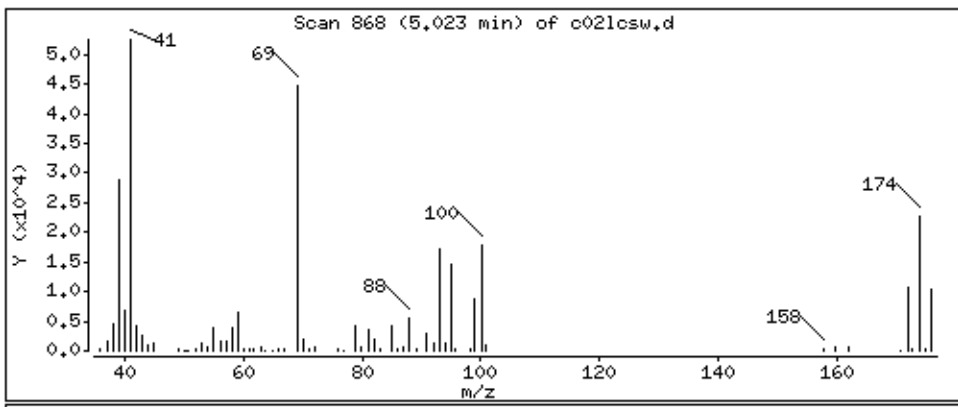
Column phase: DB-624

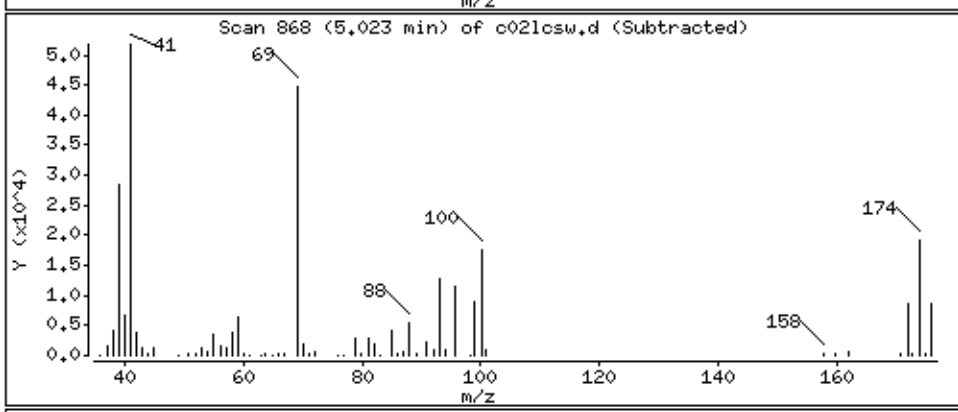
Column diameter: 0.18

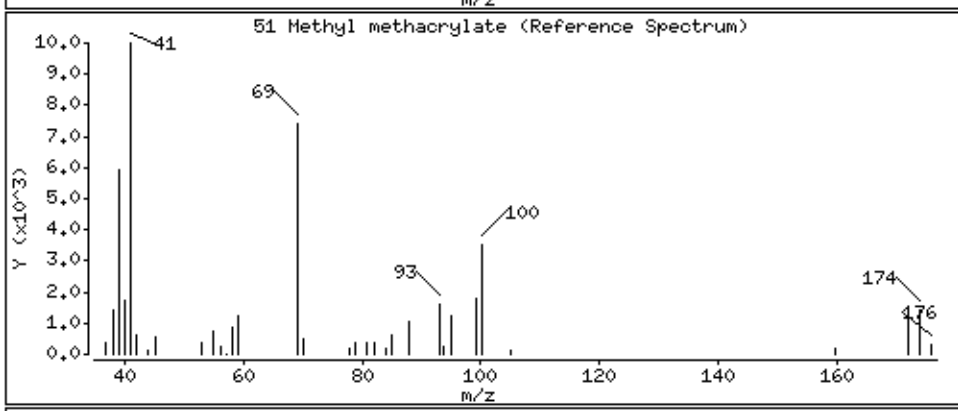
51 Methyl methacrylate

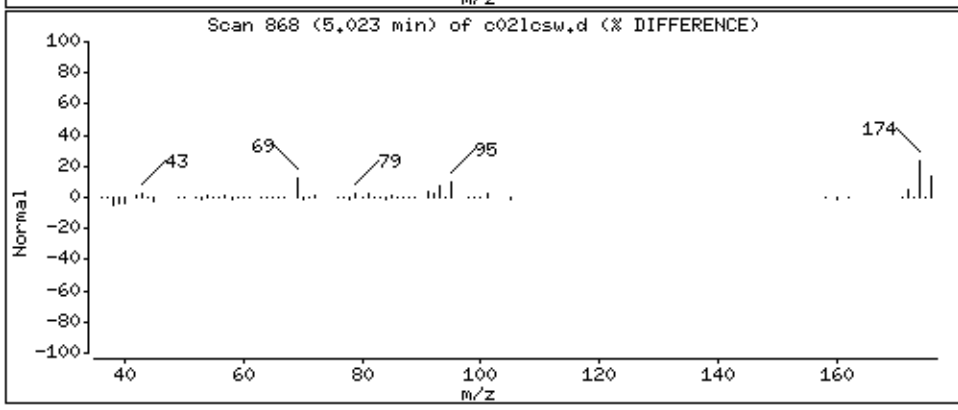
Concentration: 42.9 ppb

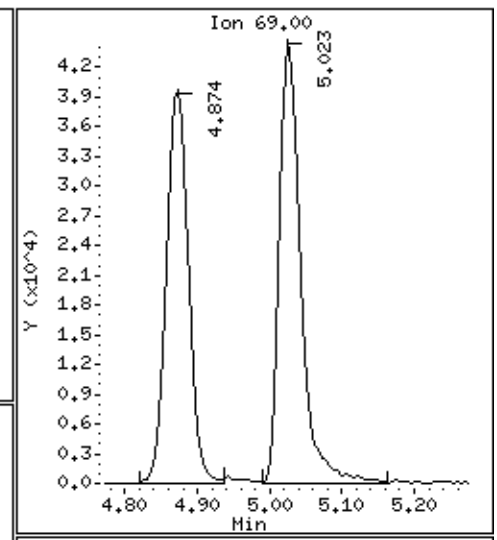
Review Code:

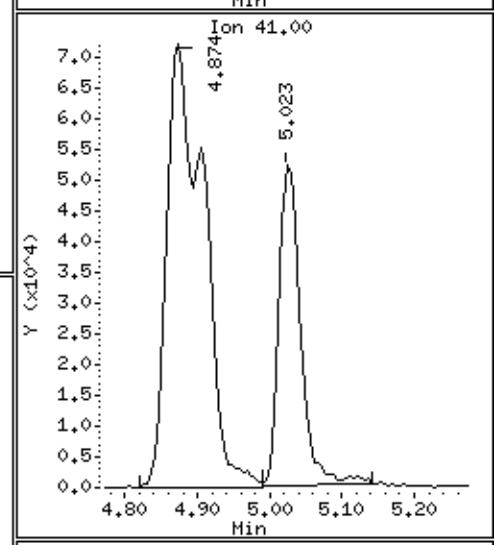


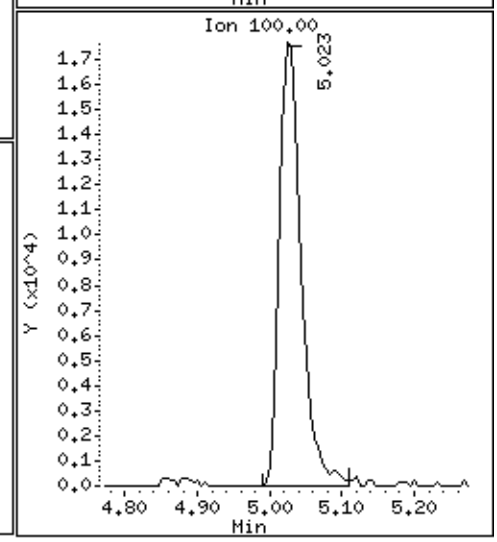












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

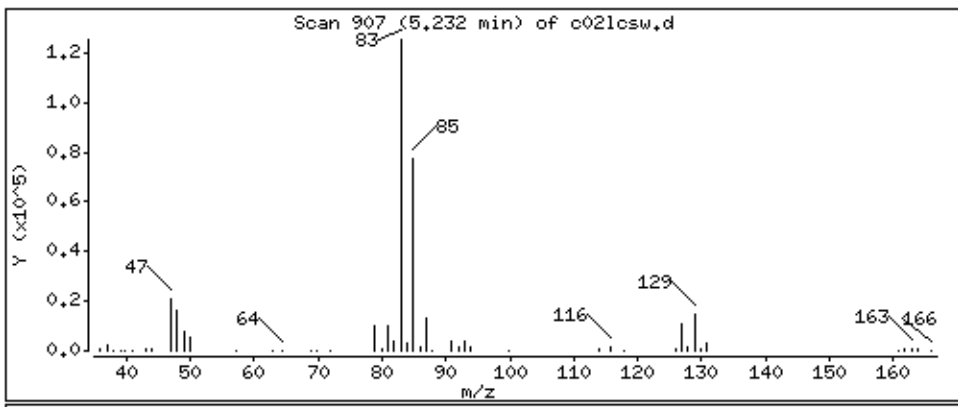
Column phase: DB-624

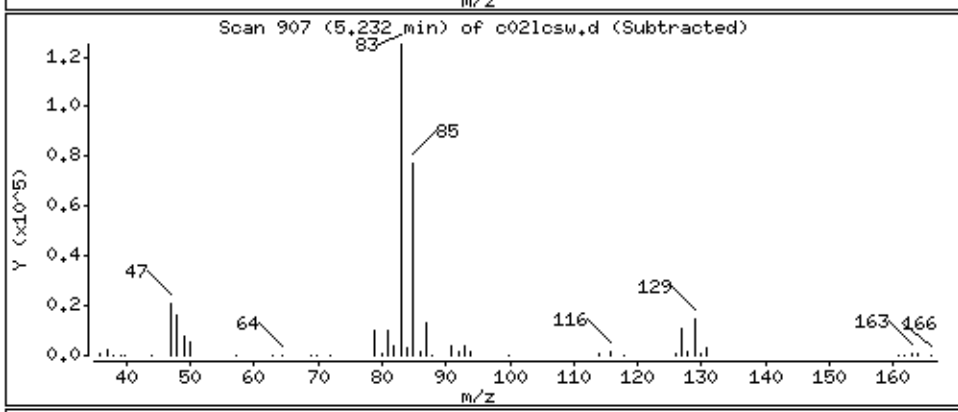
Column diameter: 0.18

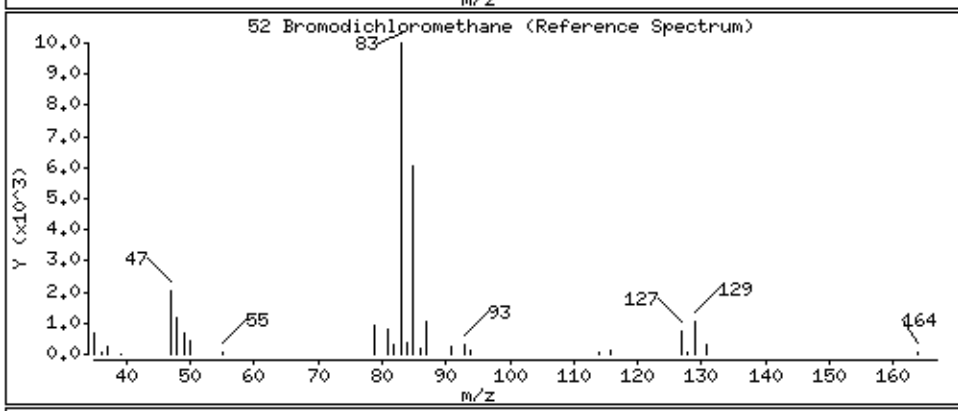
52 Bromodichloromethane

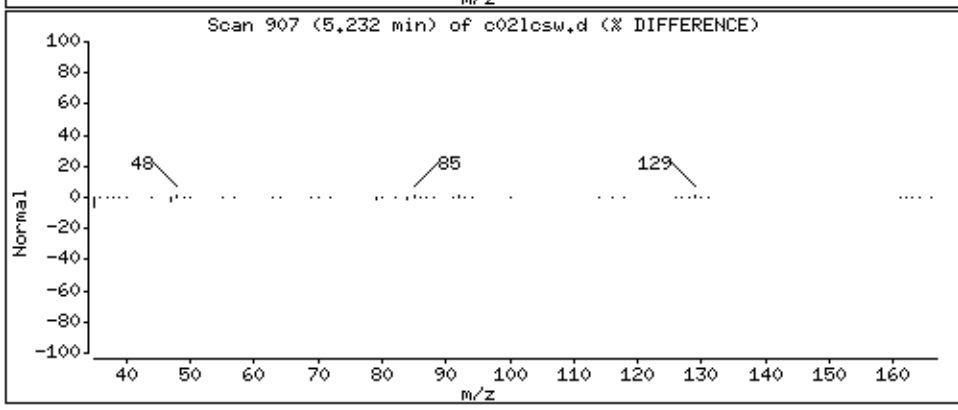
Concentration: 42.2 ppb

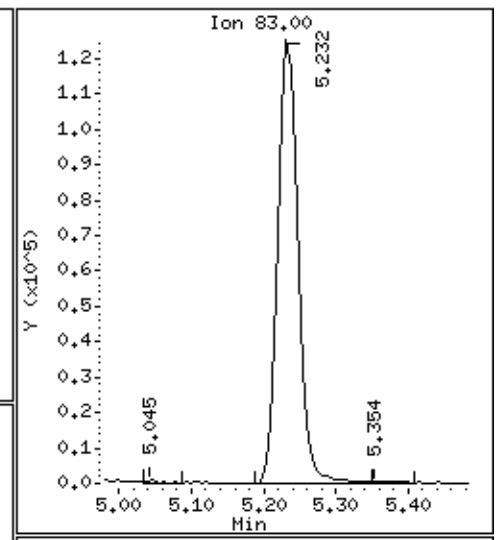
Review Code:

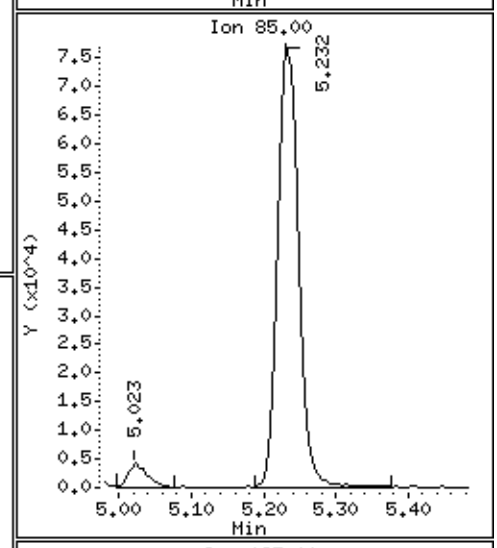


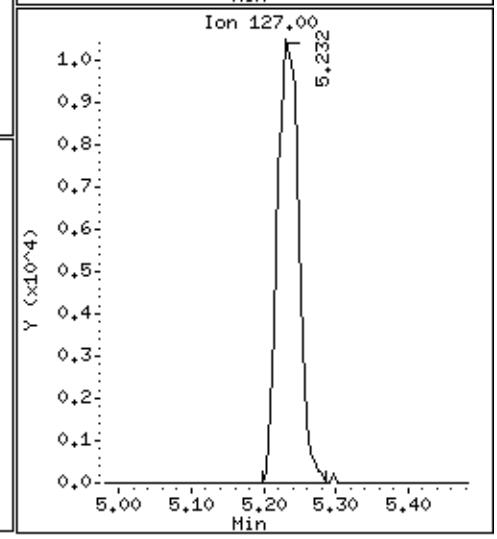












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

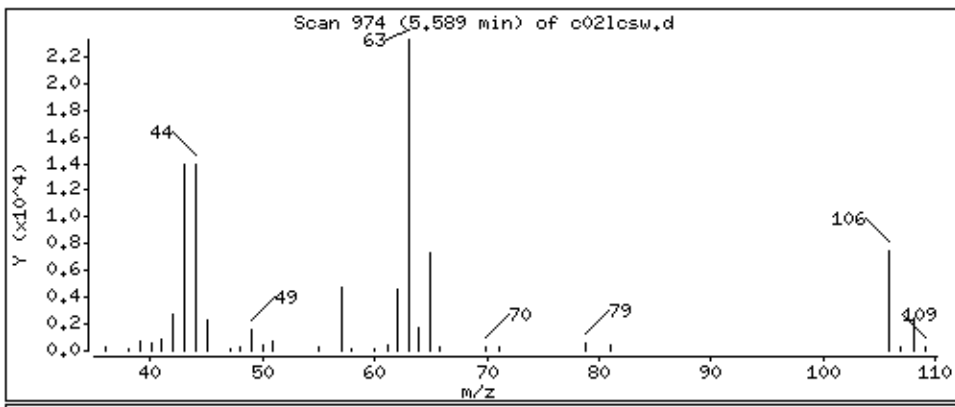
Column phase: DB-624

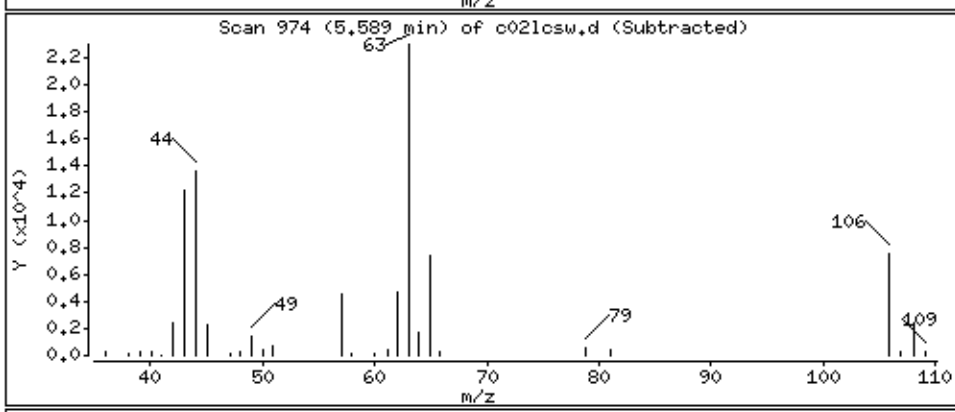
Column diameter: 0.18

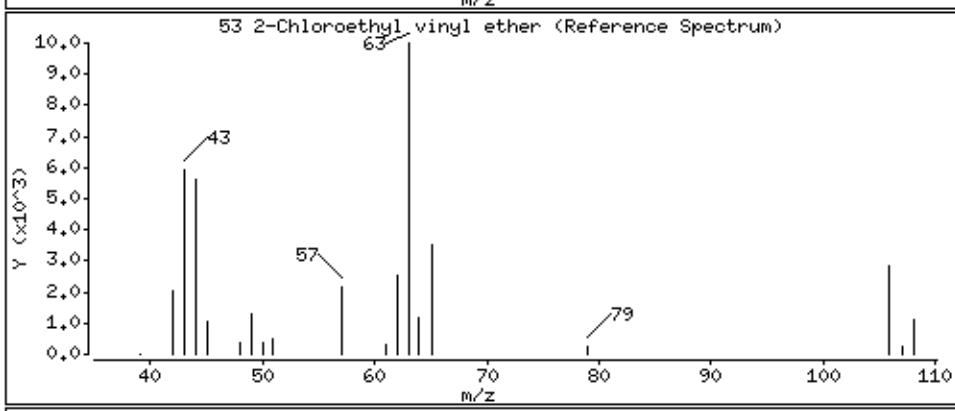
53 2-Chloroethyl vinyl ether

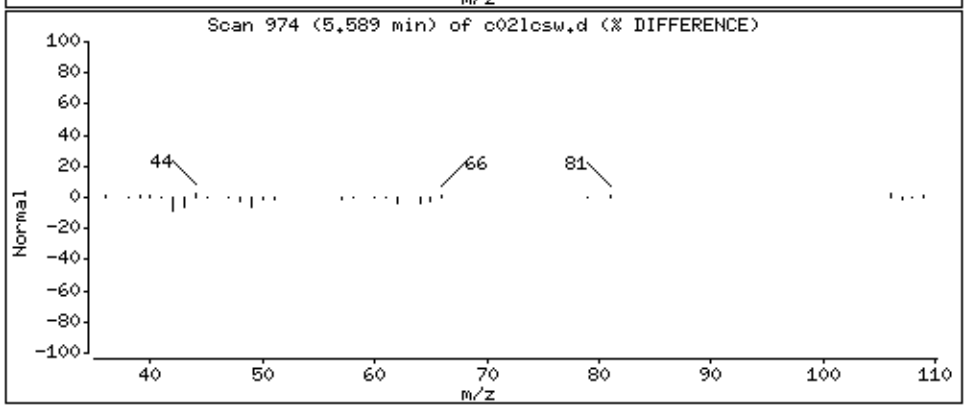
Concentration: 41.3 ppb

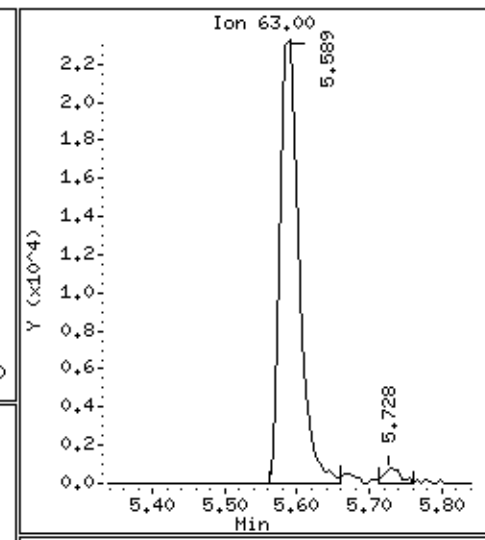
Review Code:

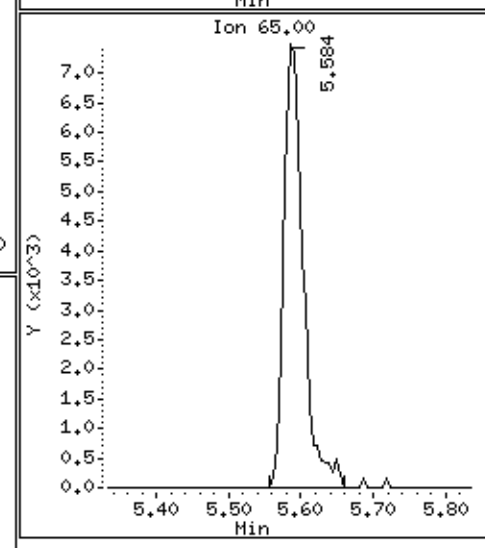












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

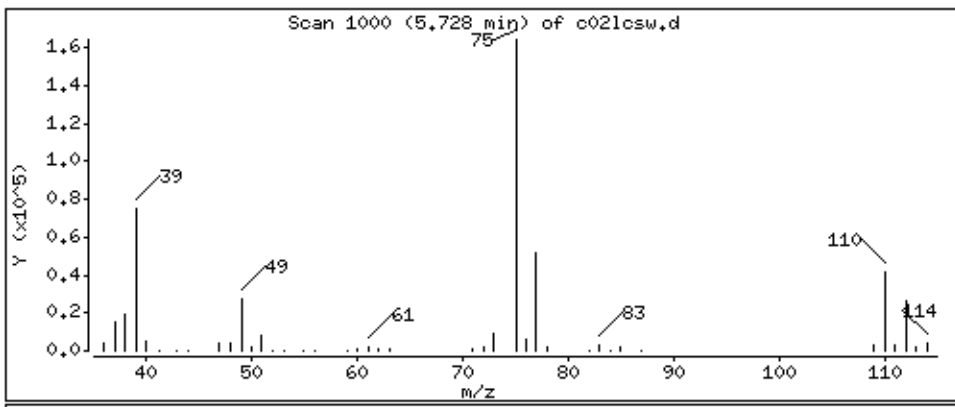
Column phase: DB-624

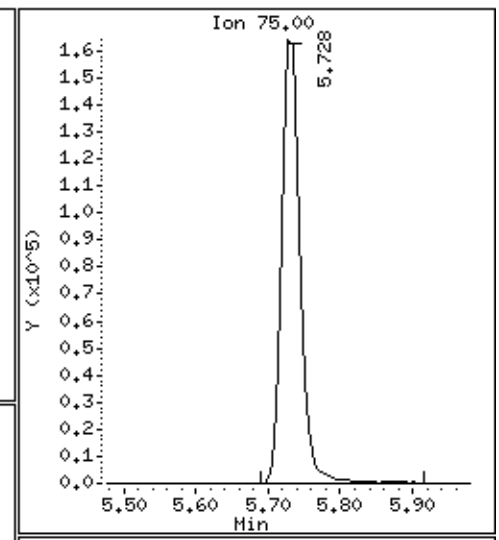
Column diameter: 0.18

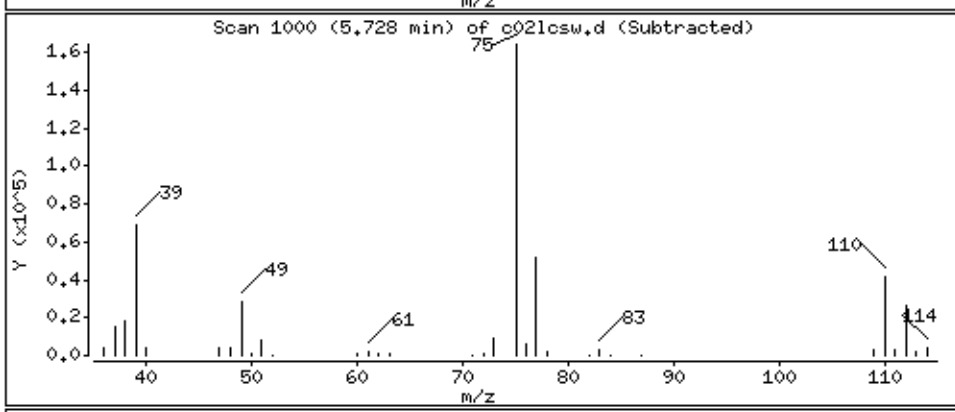
54 cis-1,3-Dichloropropene

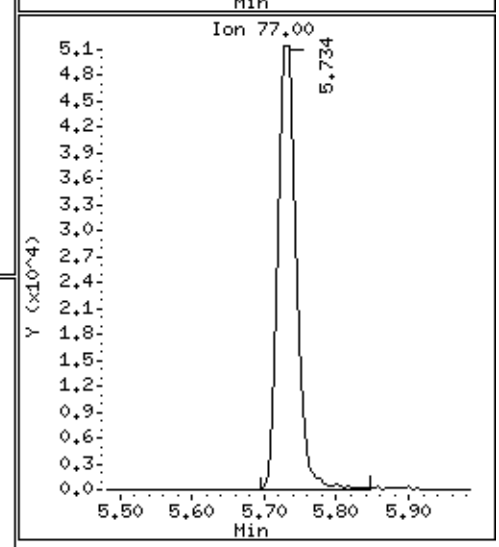
Concentration: 42.8 ppb

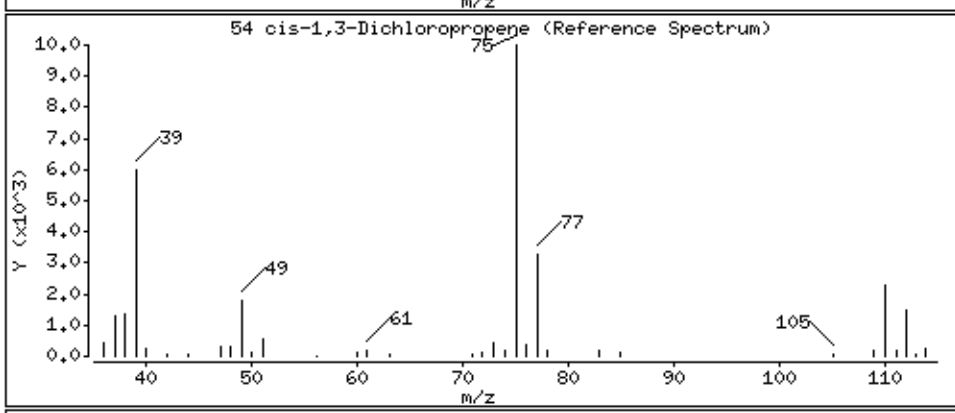
Review Code:

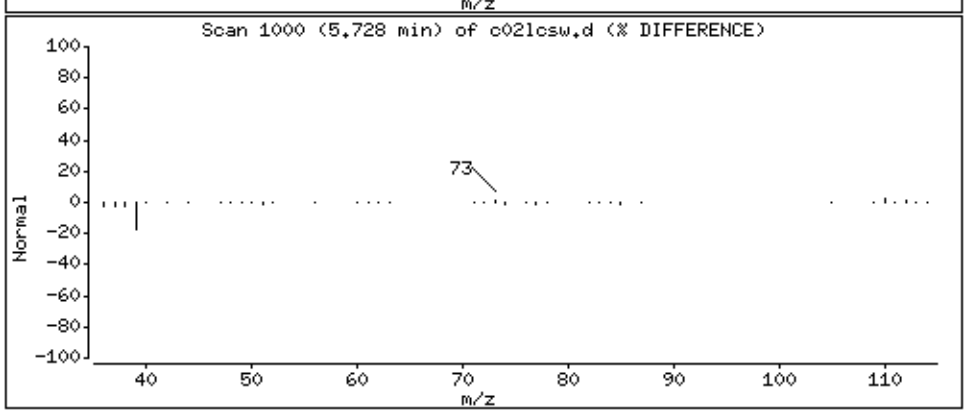












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

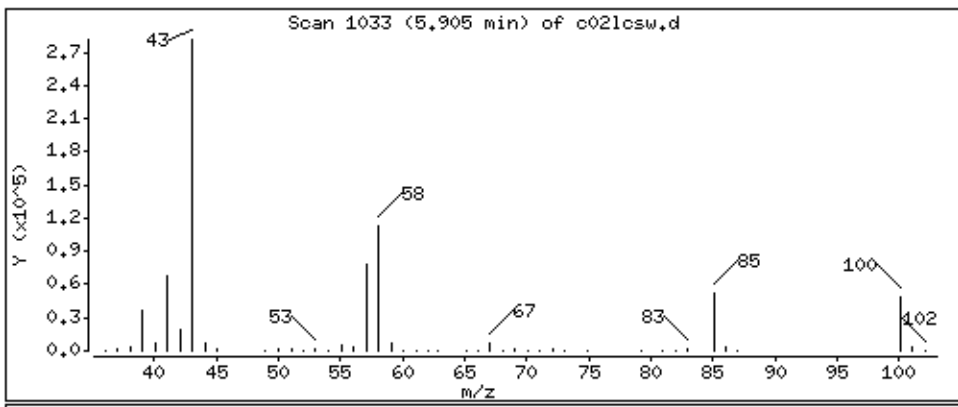
Column phase: DB-624

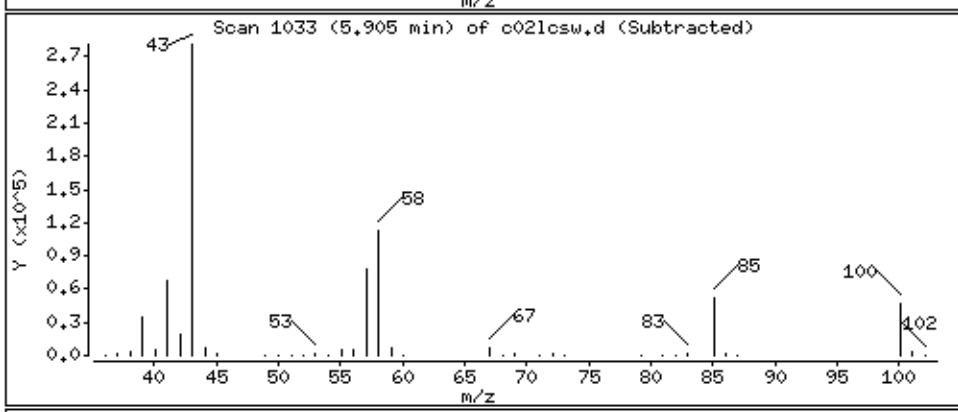
Column diameter: 0.18

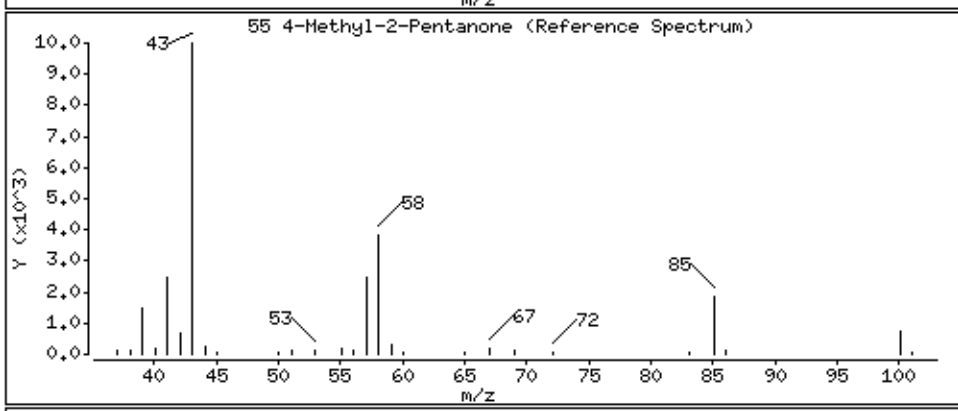
55 4-Methyl-2-Pentanone

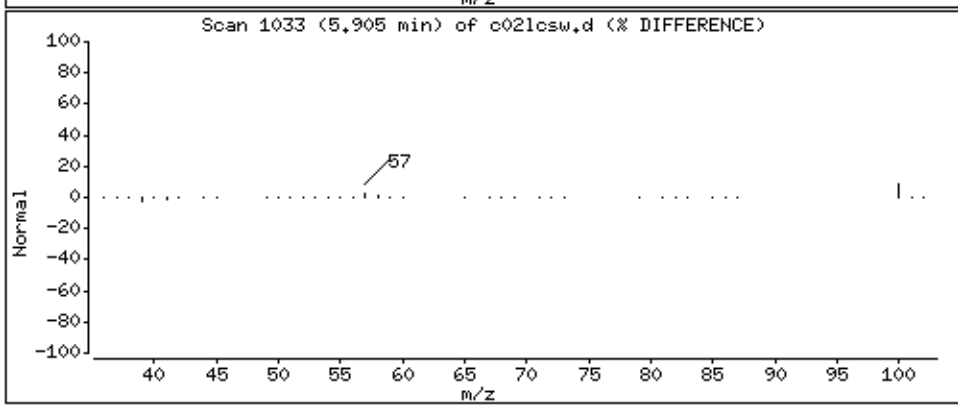
Concentration: 208 ppb

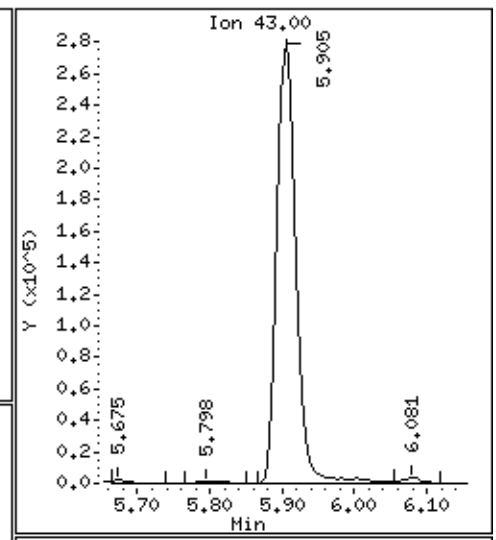
Review Code:

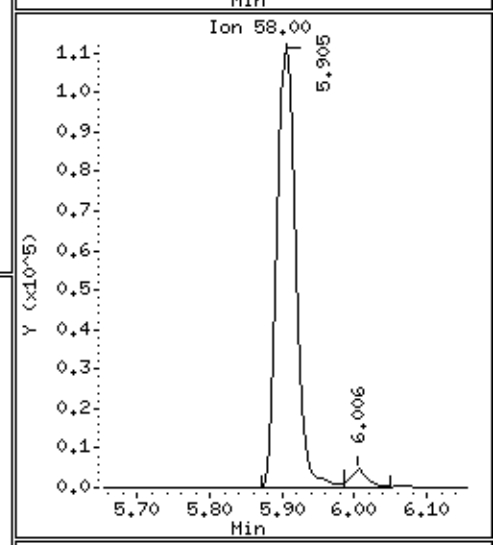


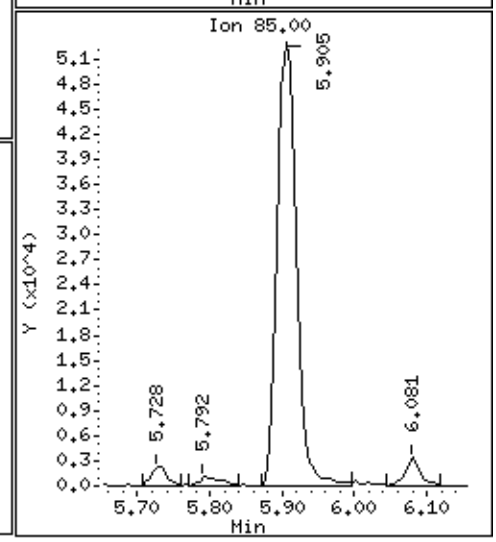












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

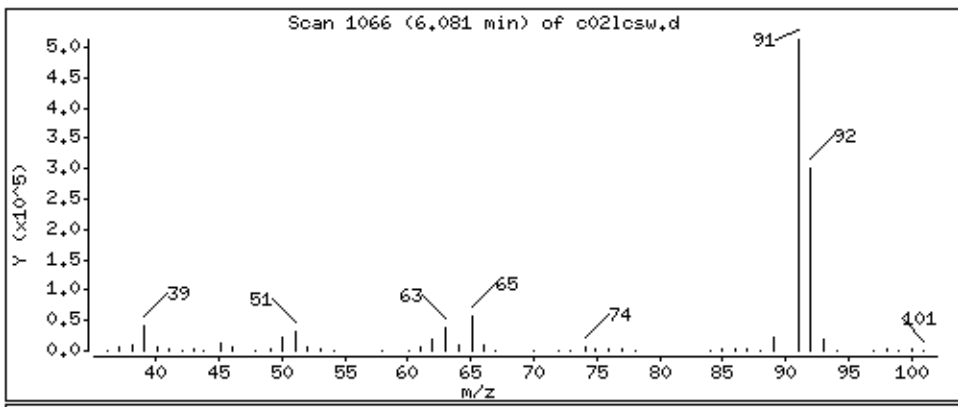
Column phase: DB-624

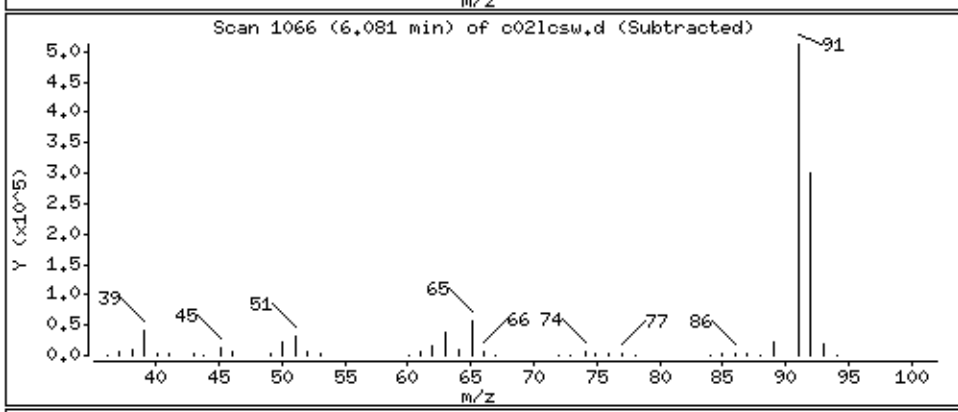
Column diameter: 0.18

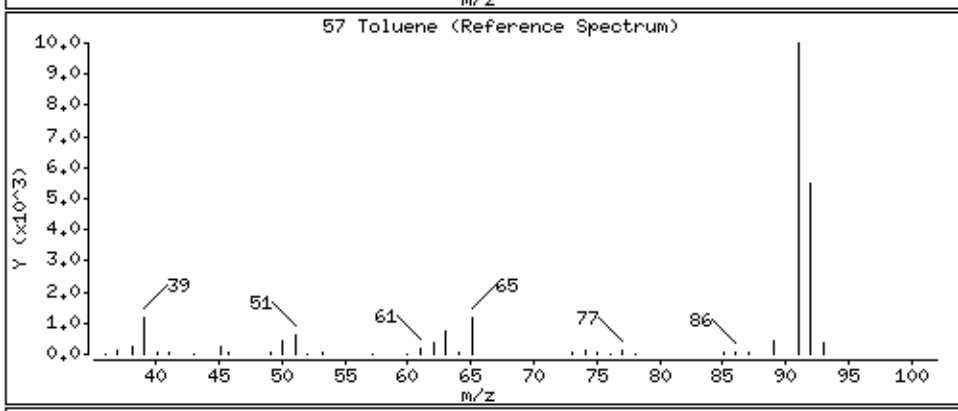
57 Toluene

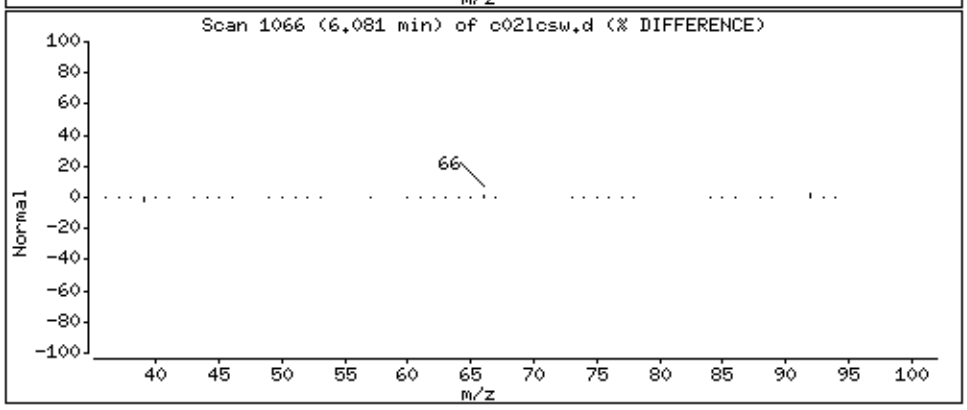
Concentration: 44.8 ppb

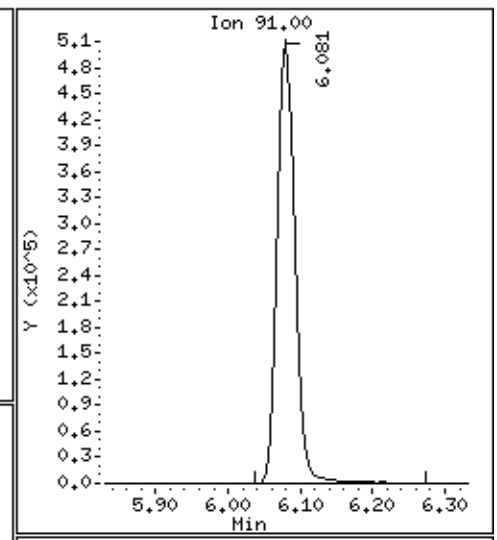
Review Code:

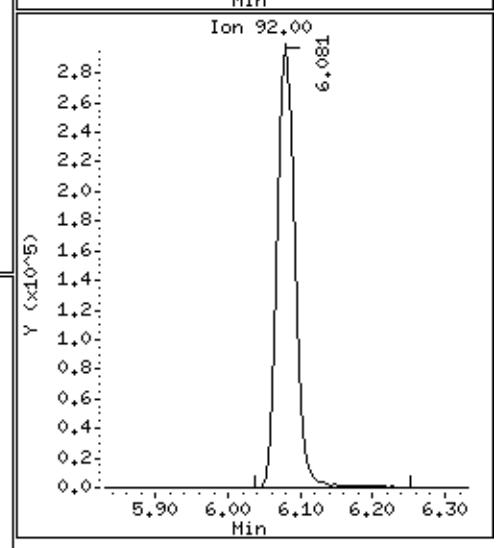












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

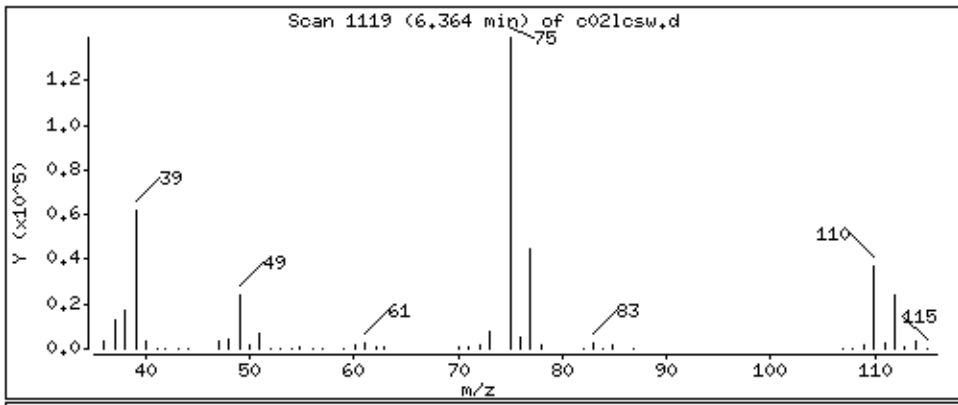
Column phase: DB-624

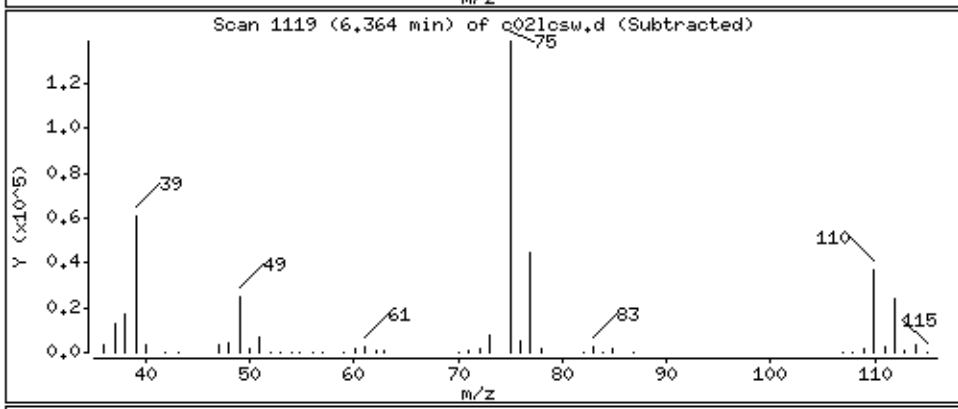
Column diameter: 0.18

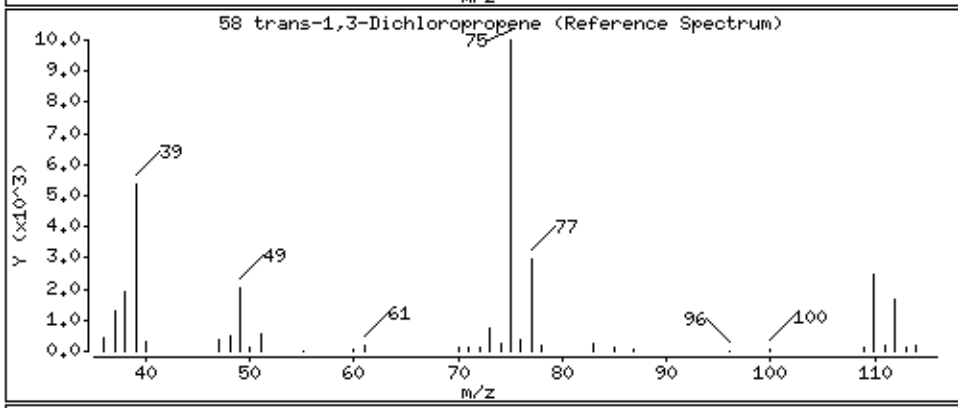
58 trans-1,3-Dichloropropene

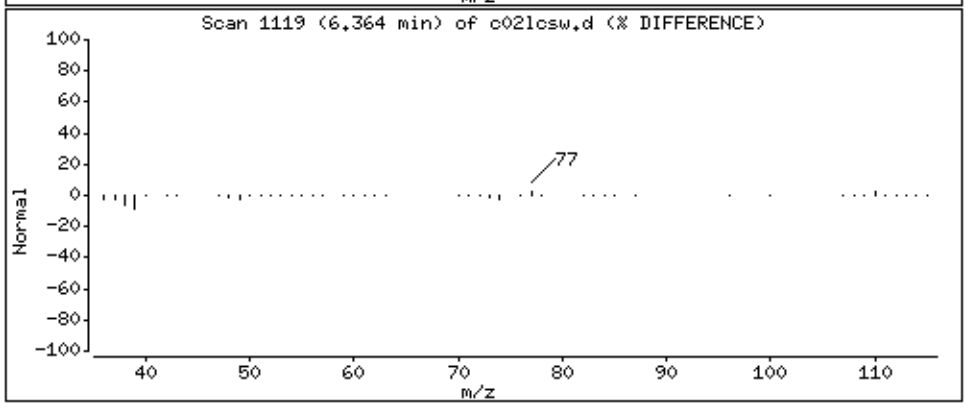
Concentration: 42.2 ppb

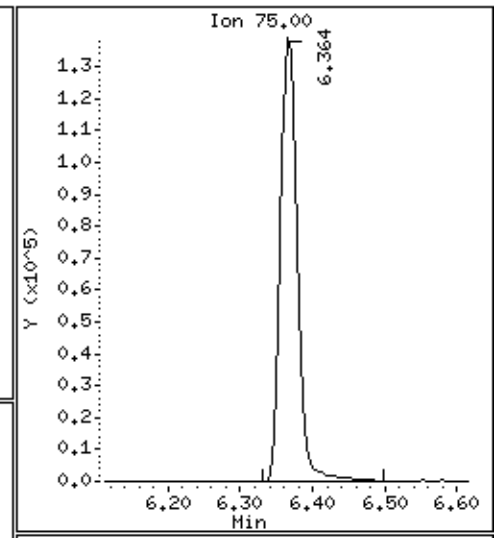
Review Code:

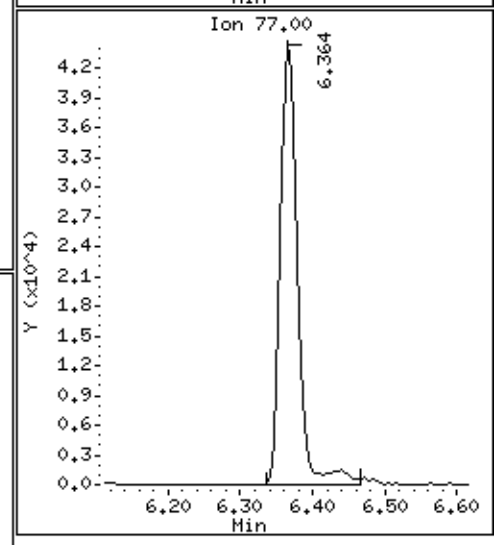












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

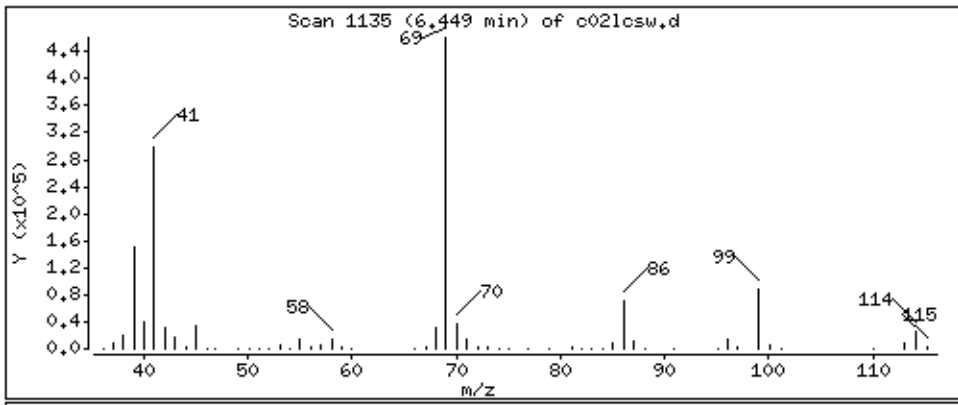
Column phase: DB-624

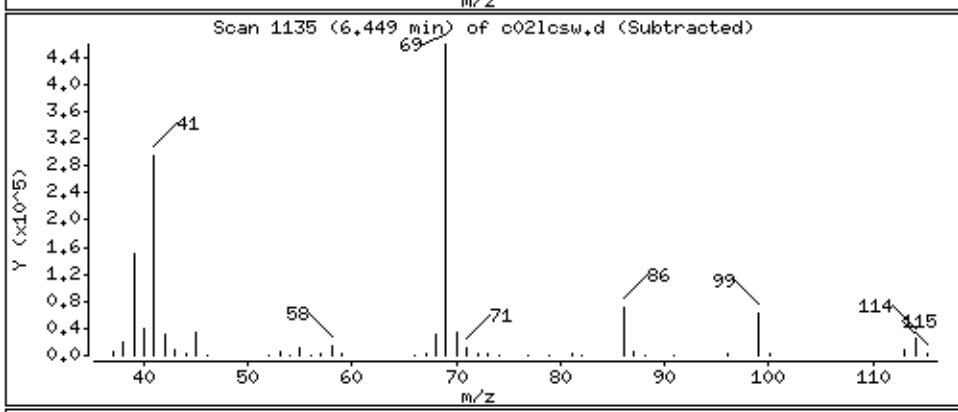
Column diameter: 0.18

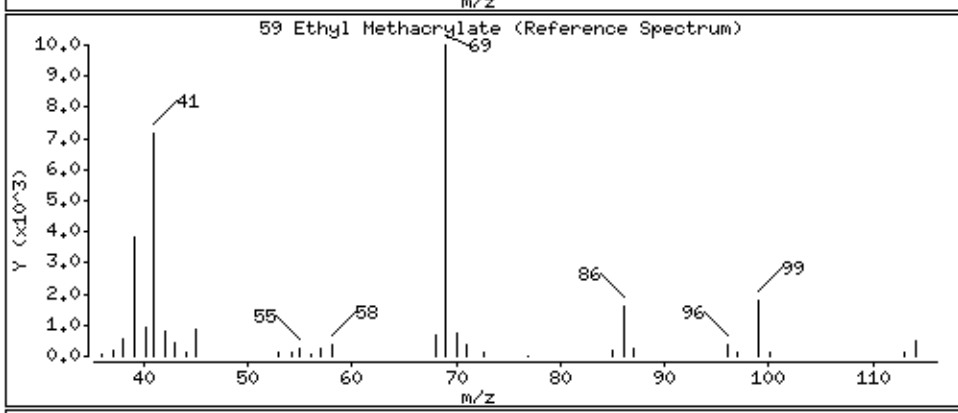
59 Ethyl Methacrylate

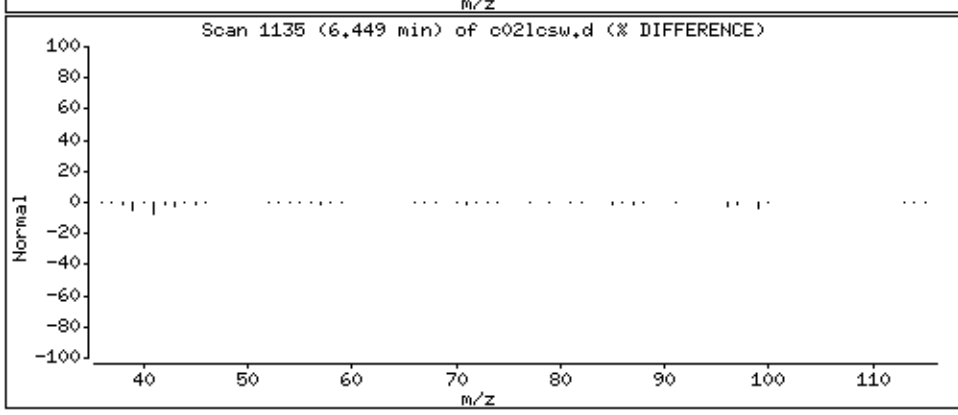
Concentration: 173 ppb

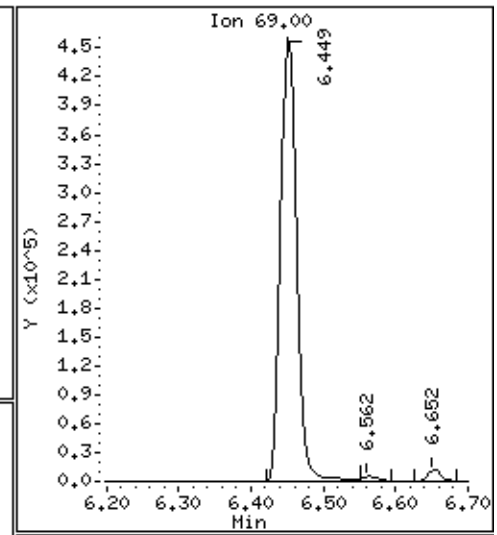
Review Code:

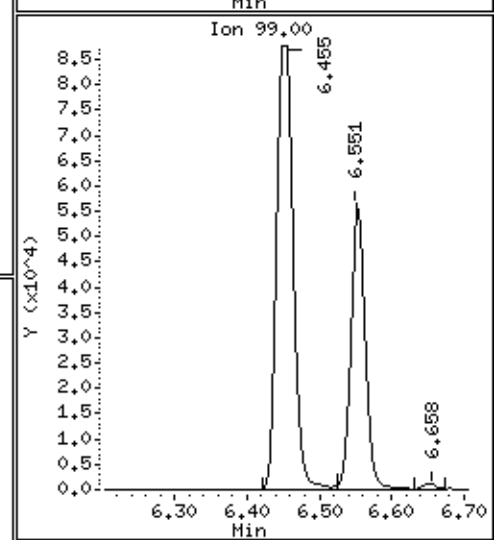


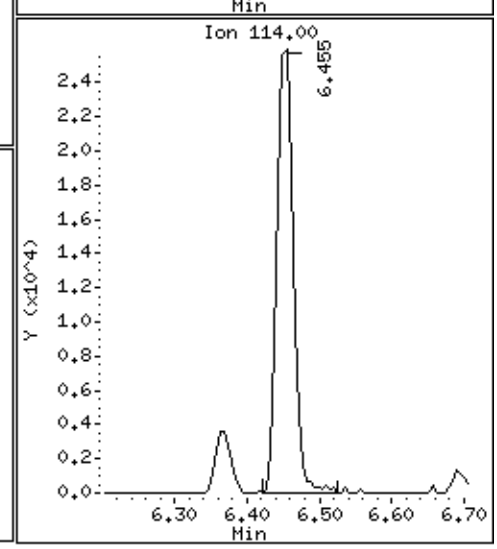












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

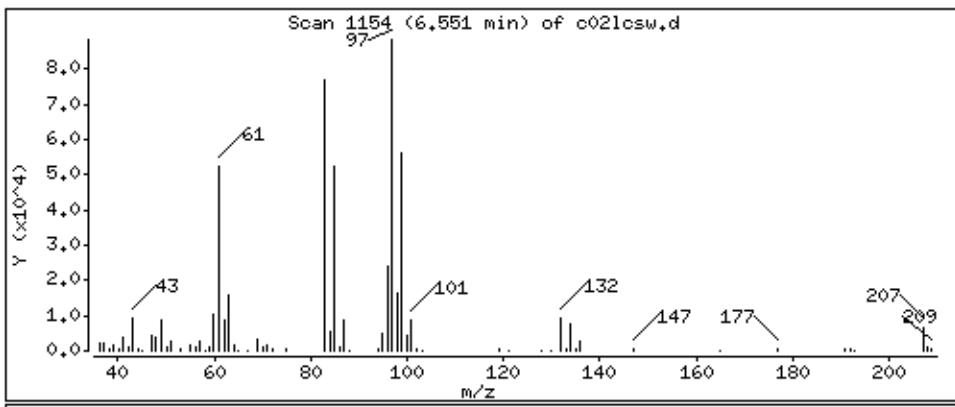
Column phase: DB-624

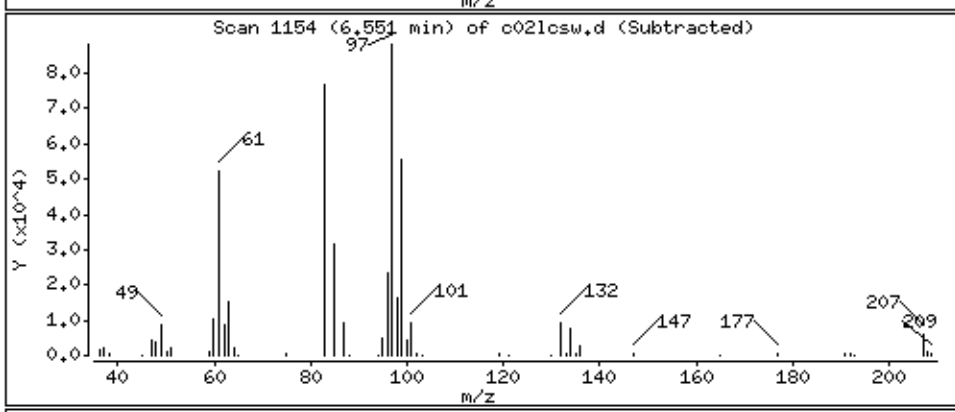
Column diameter: 0.18

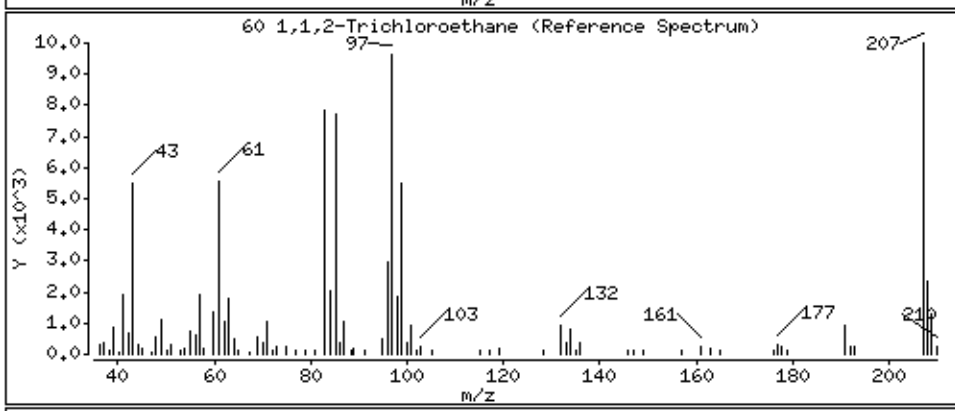
60 1,1,2-Trichloroethane

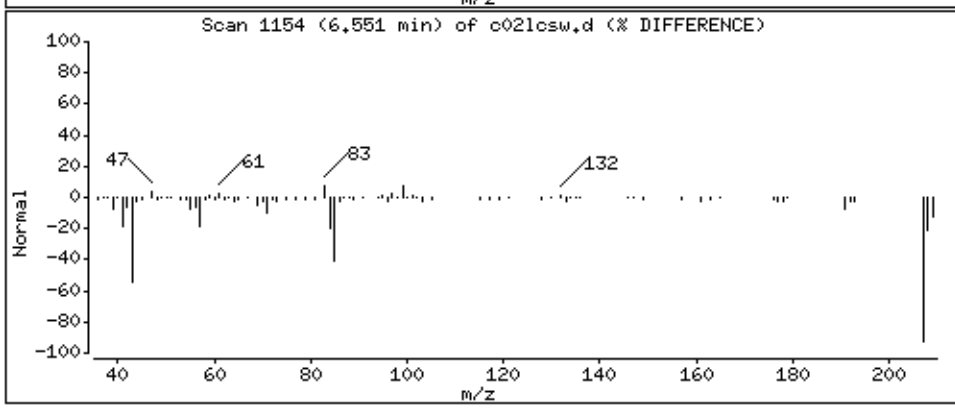
Concentration: 46.1 ppb

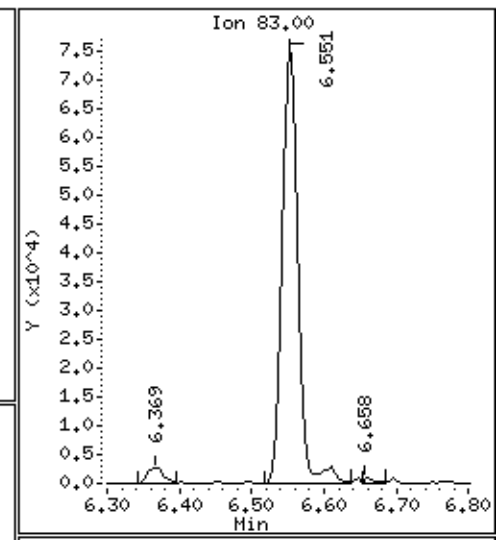
Review Code:

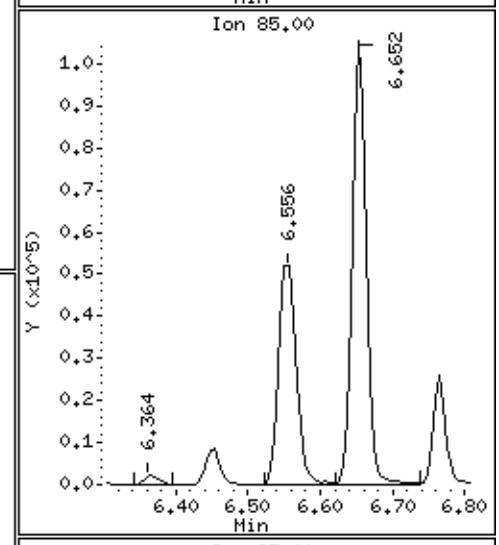


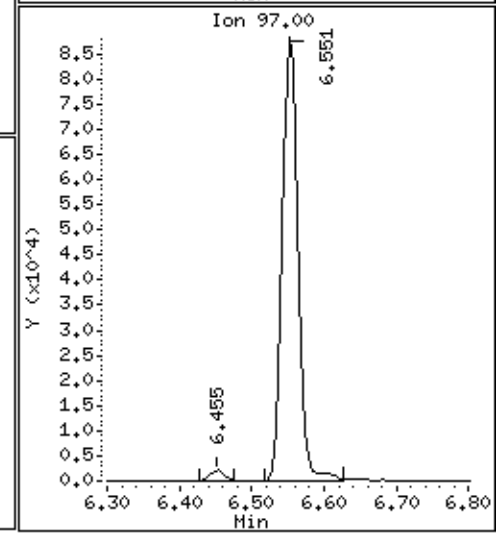












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

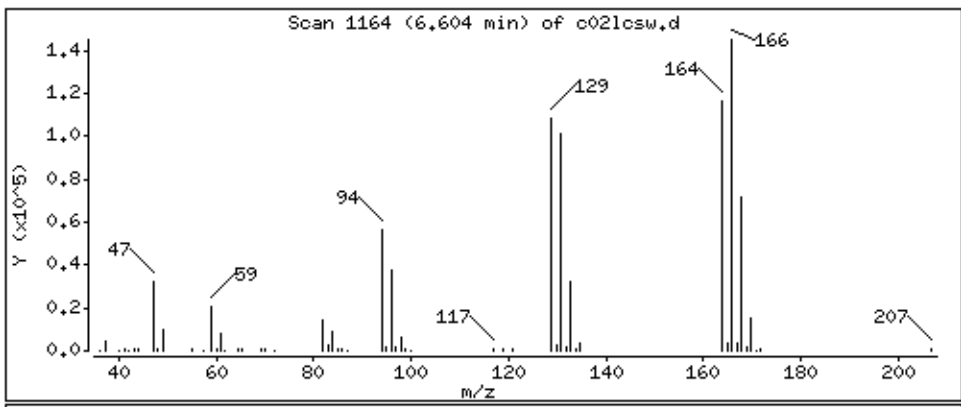
Column phase: DB-624

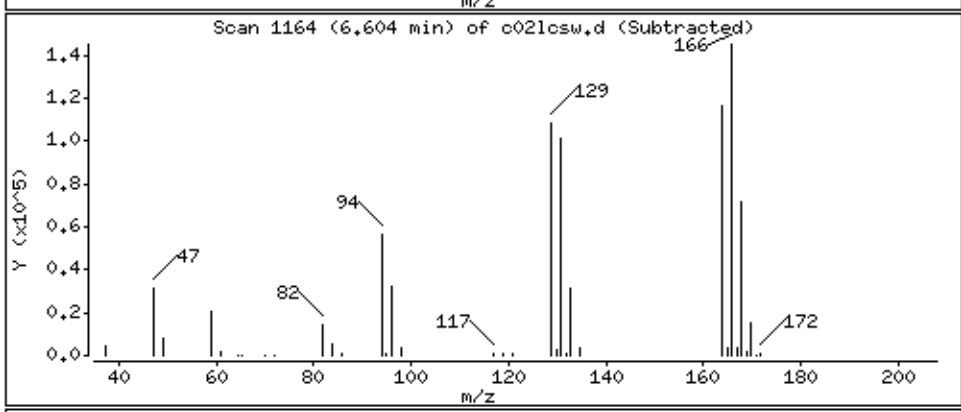
Column diameter: 0.18

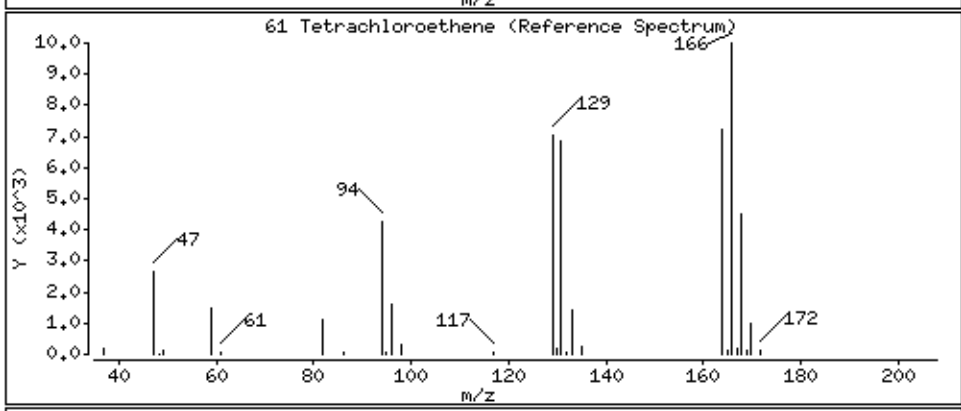
61 Tetrachloroethene

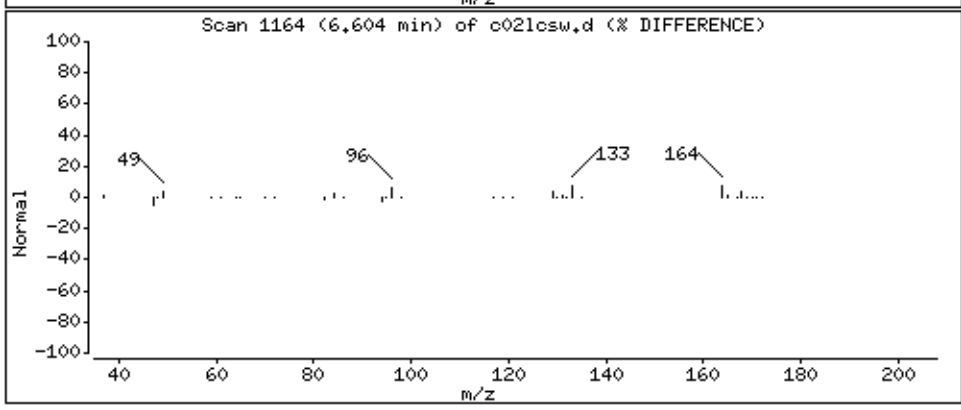
Concentration: 45.2 ppb

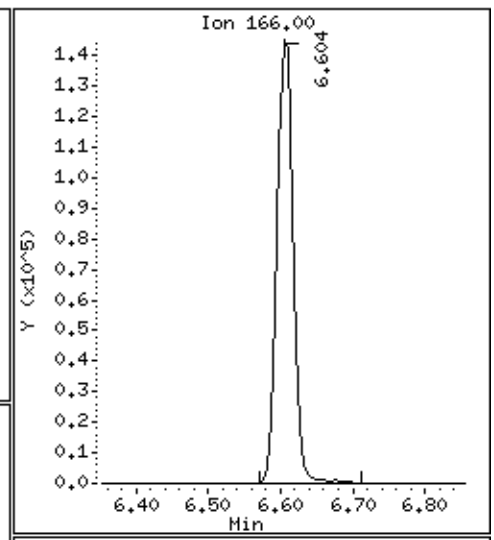
Review Code:

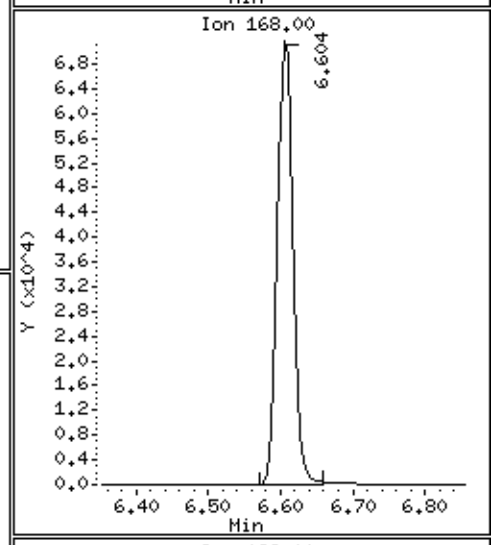


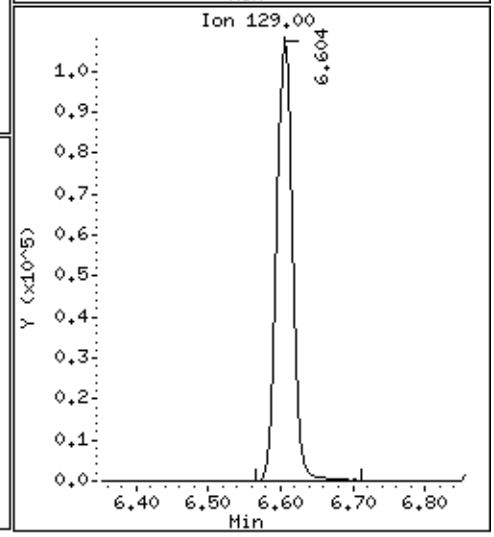












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

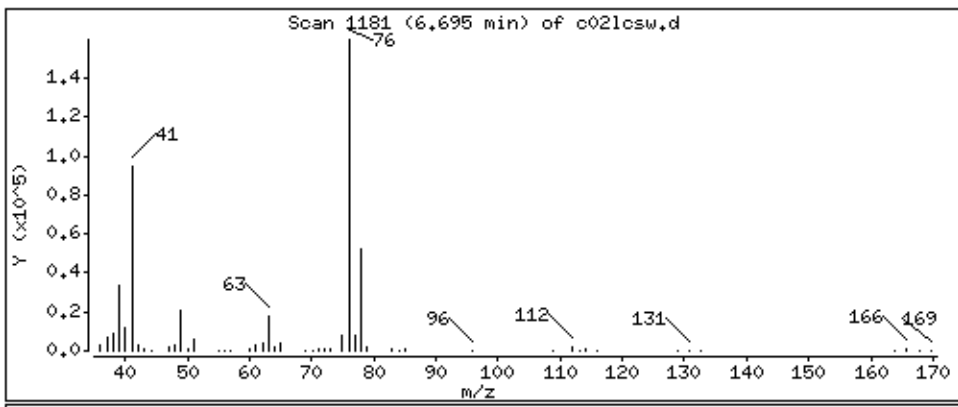
Column phase: DB-624

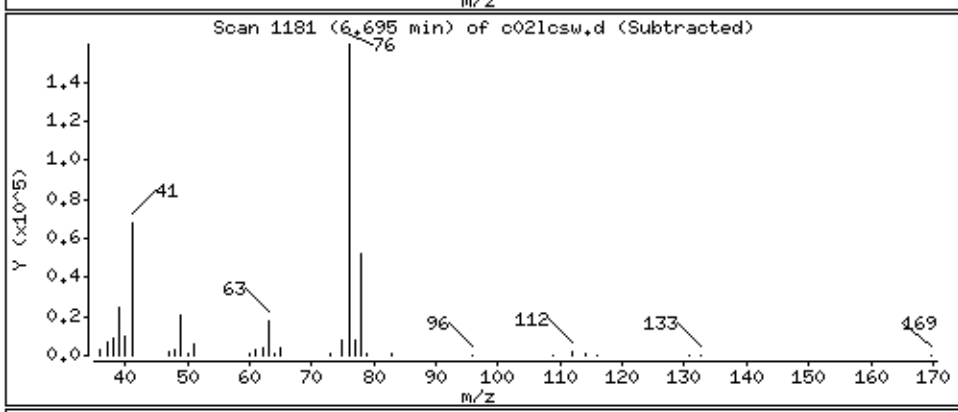
Column diameter: 0.18

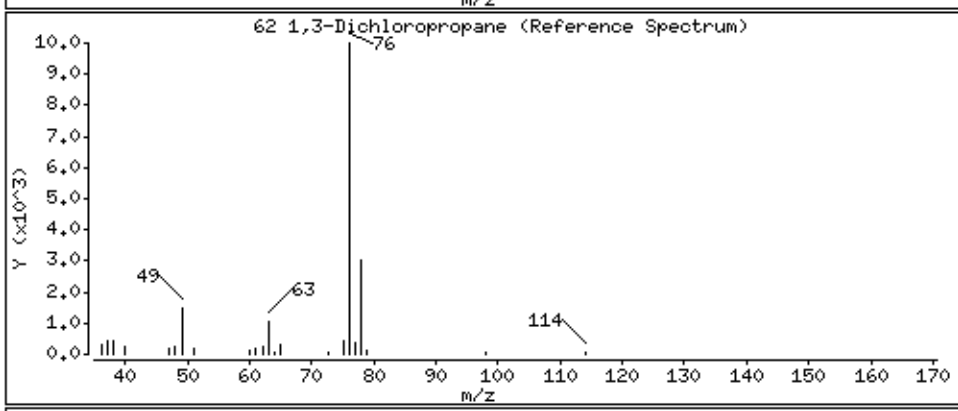
62 1,3-Dichloropropane

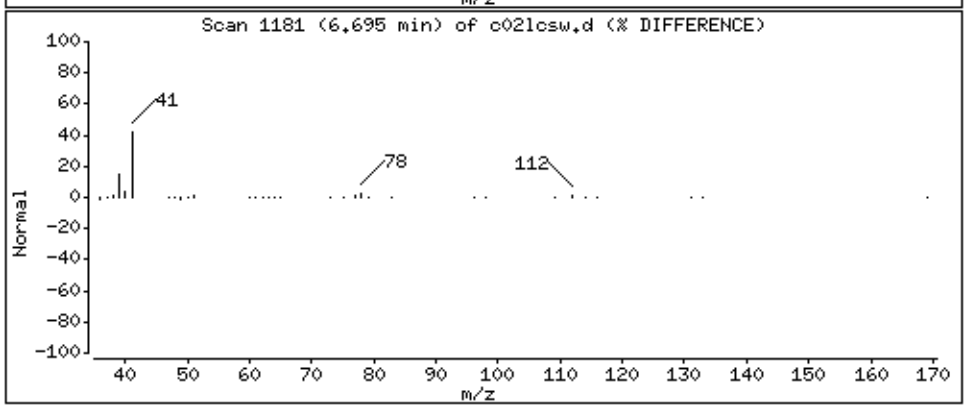
Concentration: 47.2 ppb

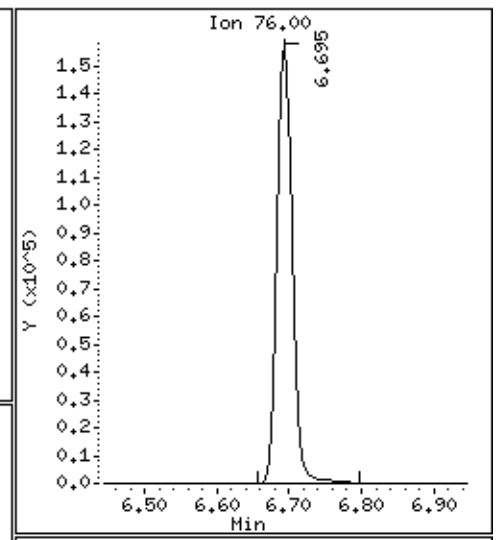
Review Code:

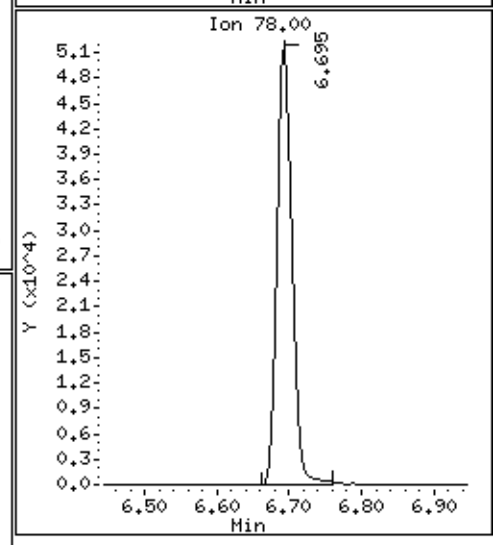












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

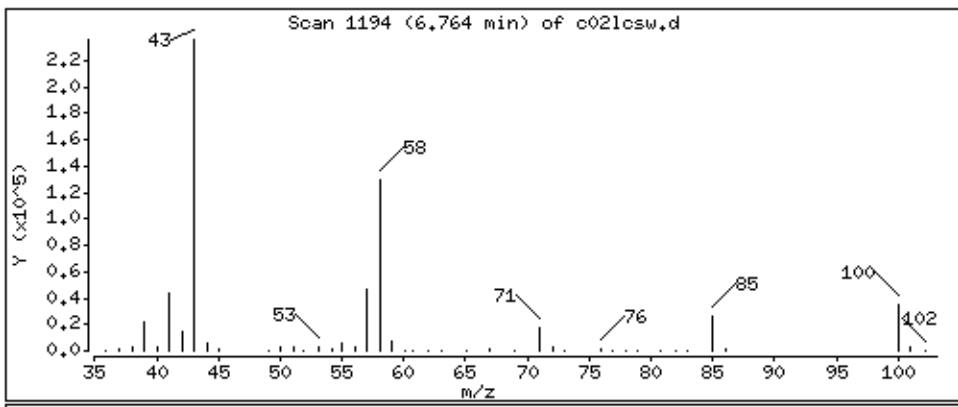
Column phase: DB-624

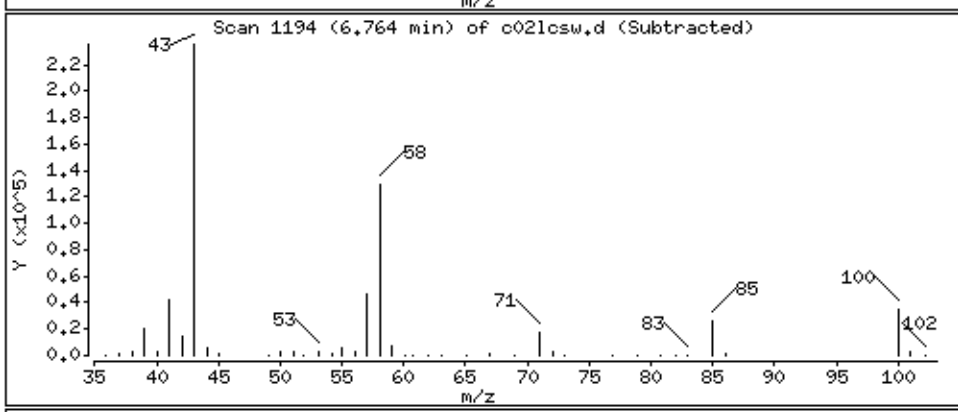
Column diameter: 0.18

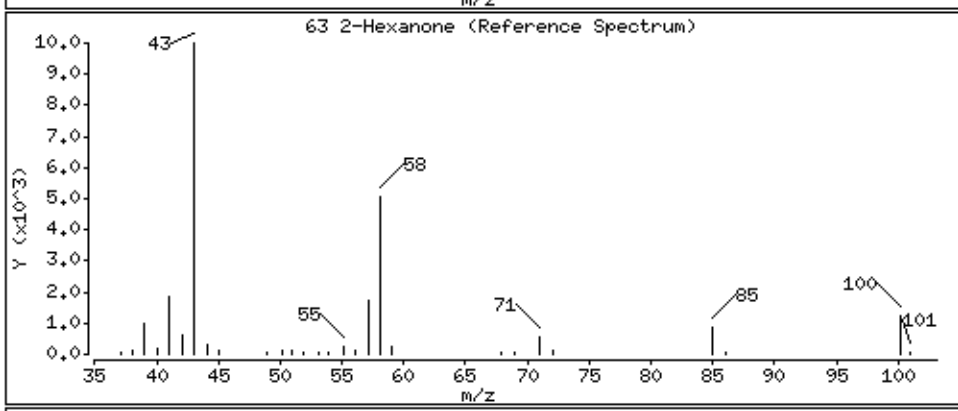
63 2-Hexanone

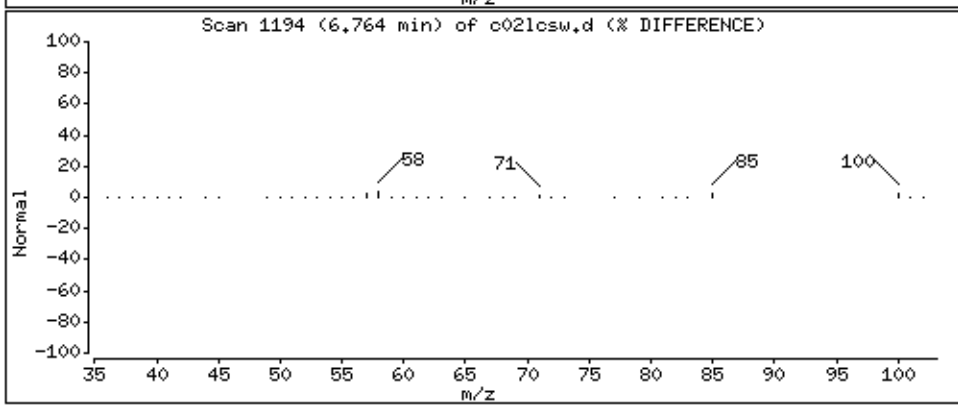
Concentration: 219 ppb

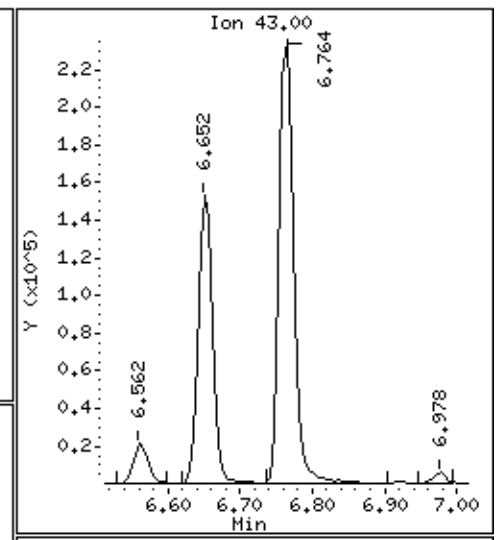
Review Code:

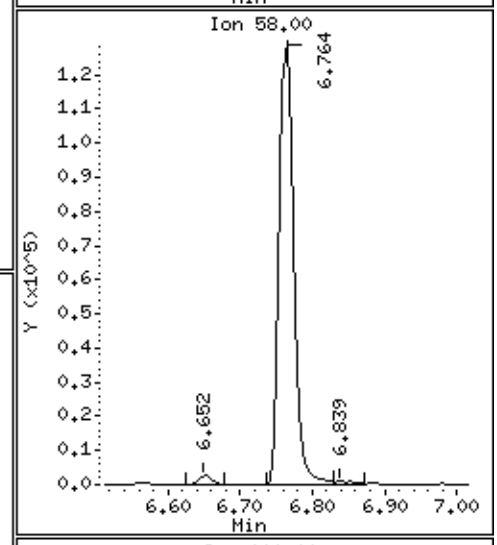


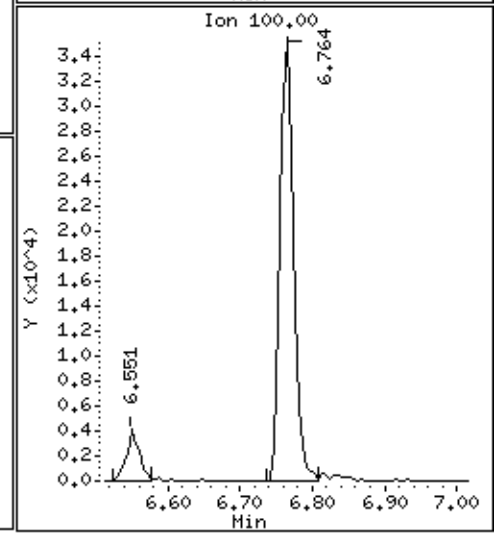












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

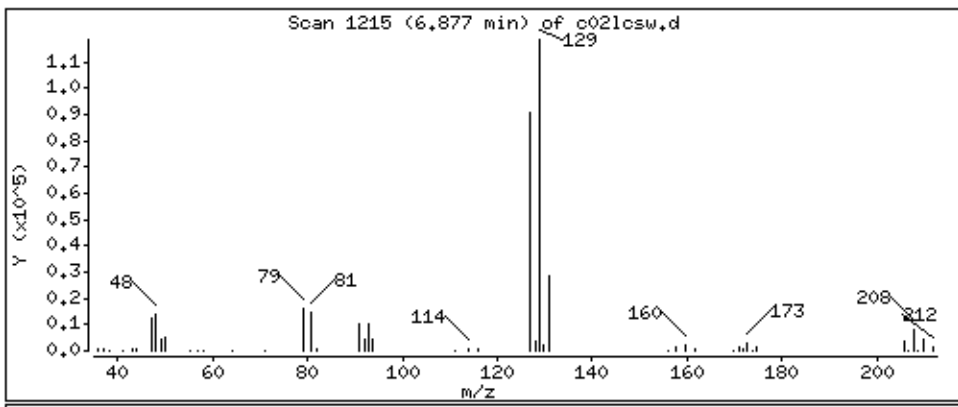
Column phase: DB-624

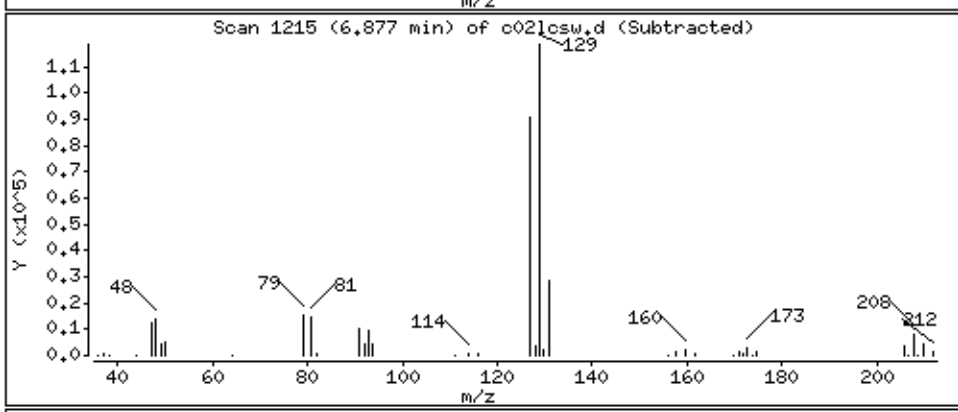
Column diameter: 0.18

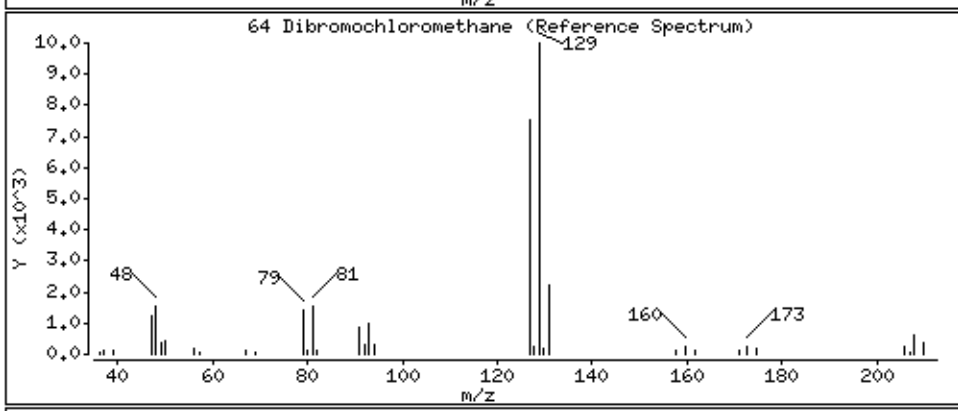
64 Dibromochloromethane

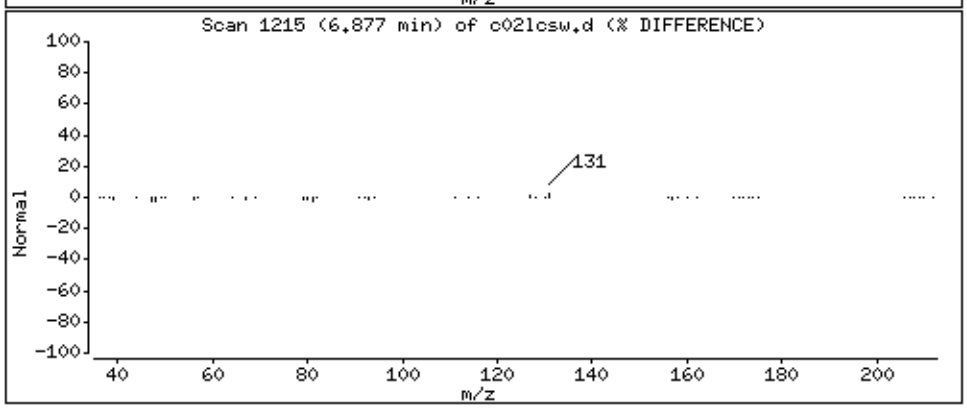
Concentration: 47.2 ppb

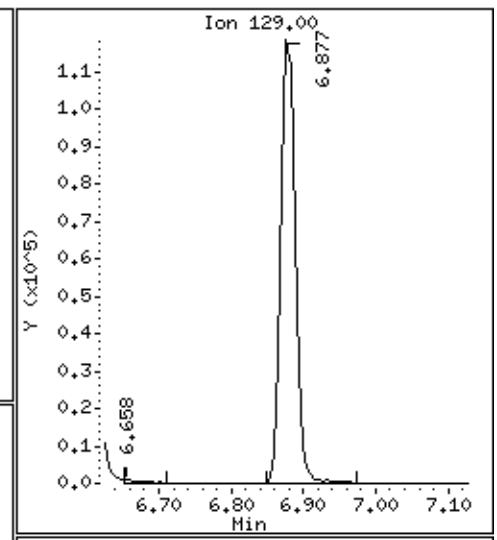
Review Code:

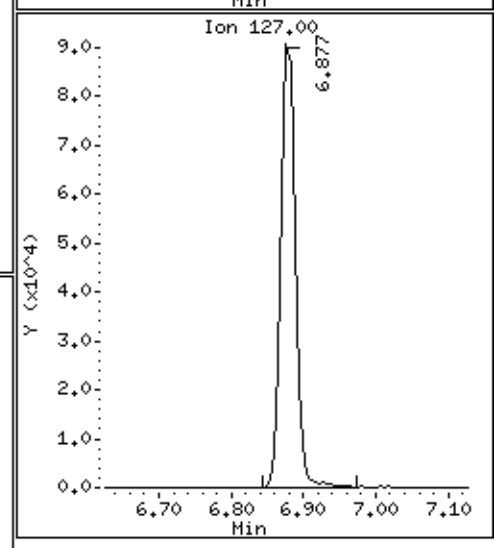












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

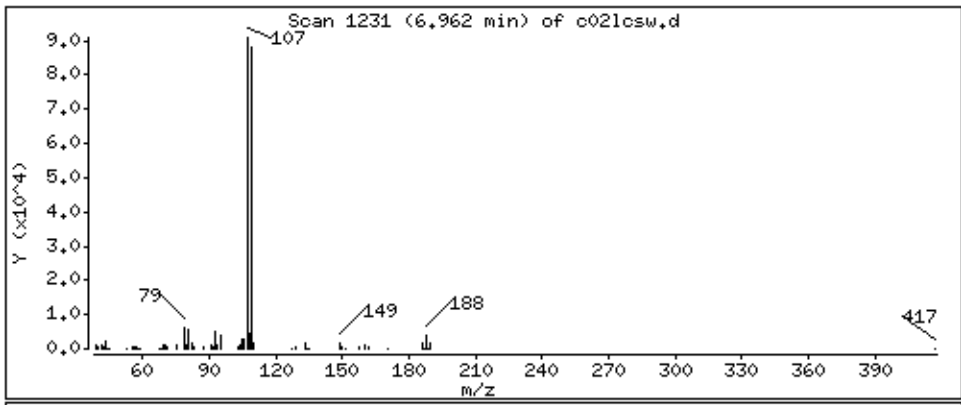
Column phase: DB-624

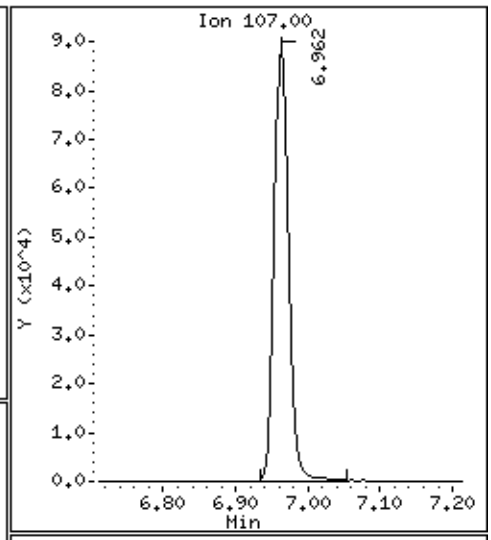
Column diameter: 0.18

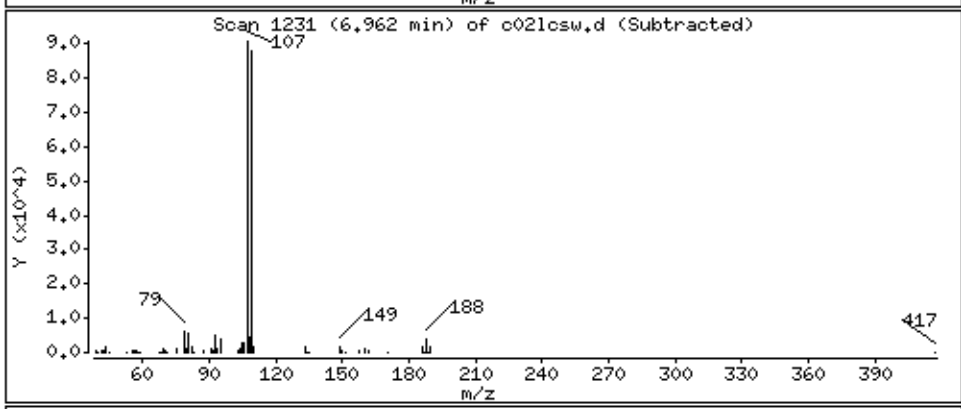
65 1,2-Dibromoethane

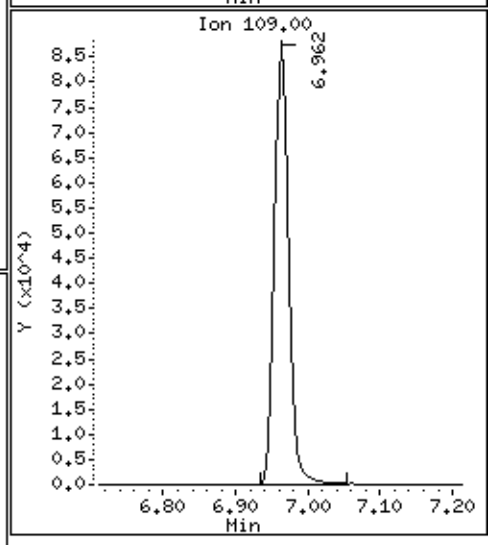
Concentration: 46.8 ppb

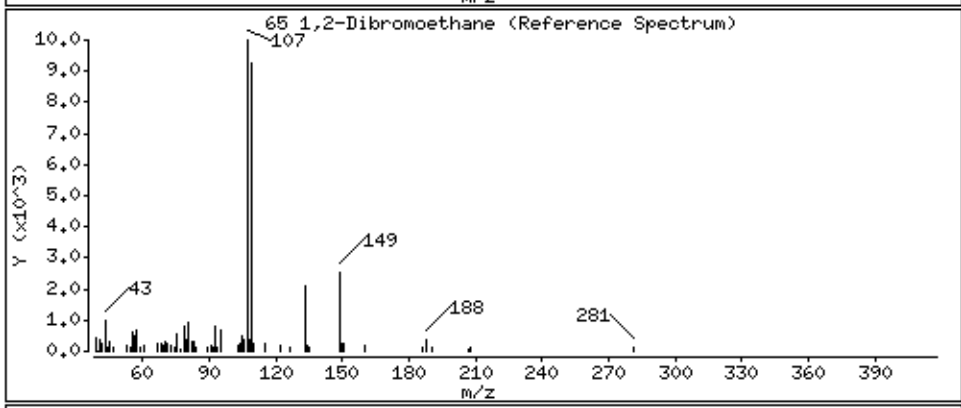
Review Code:

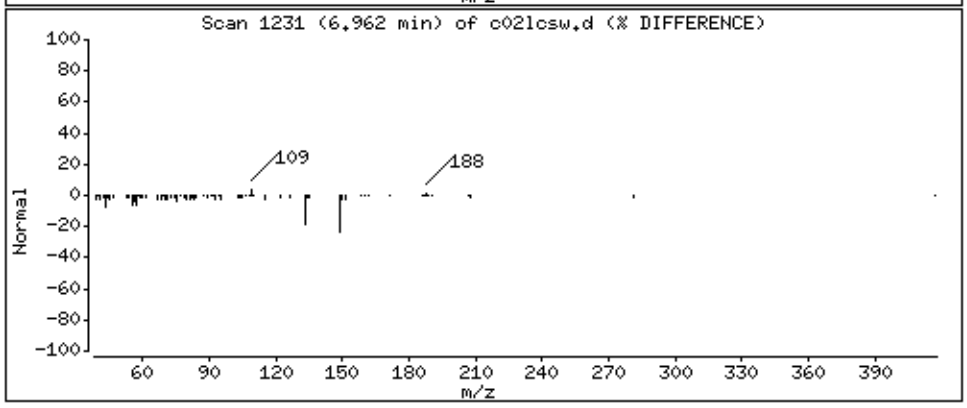












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

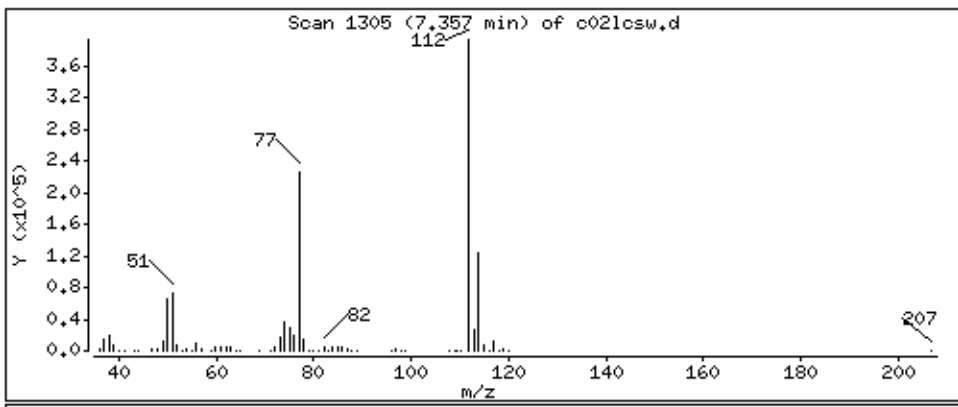
Column phase: DB-624

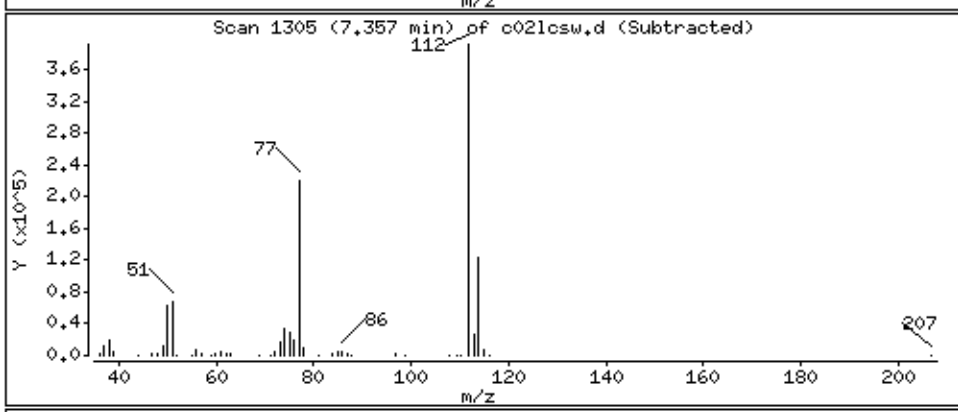
Column diameter: 0.18

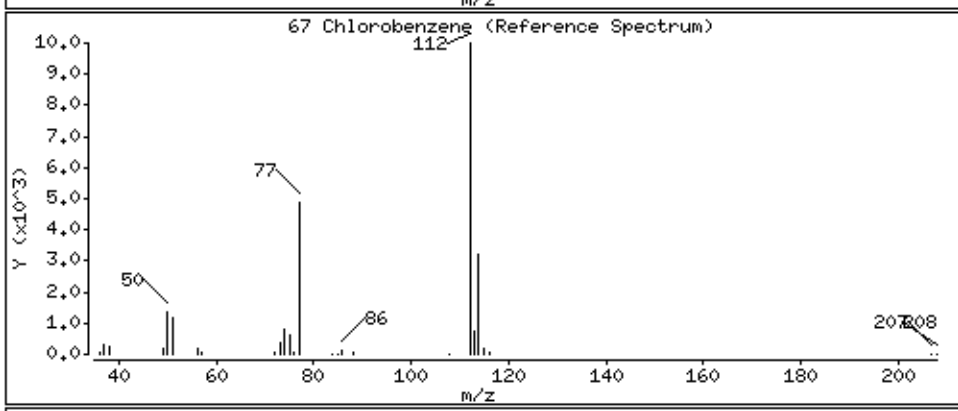
67 Chlorobenzene

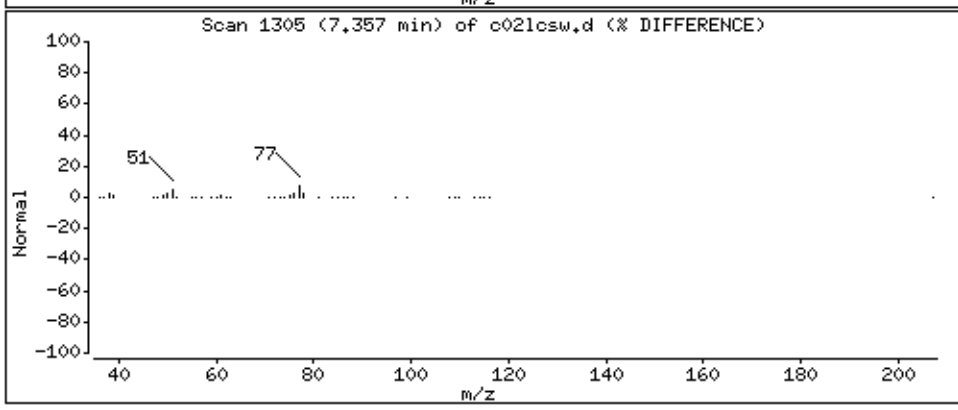
Concentration: 48.1 ppb

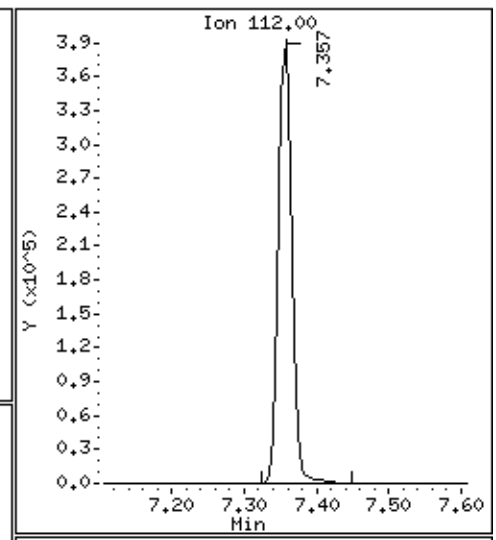
Review Code:

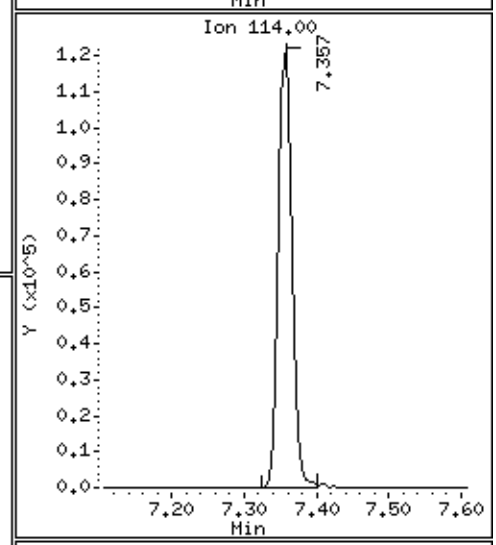


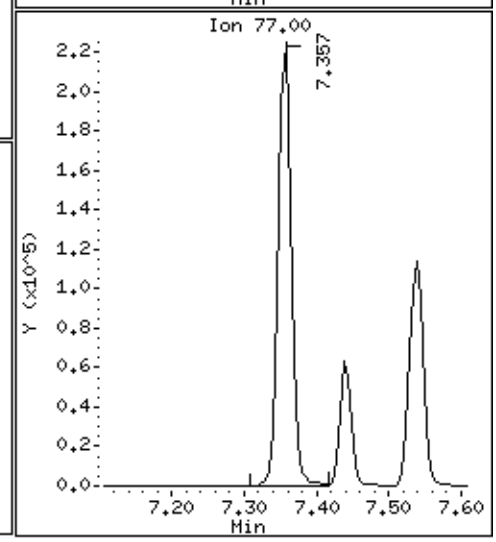












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

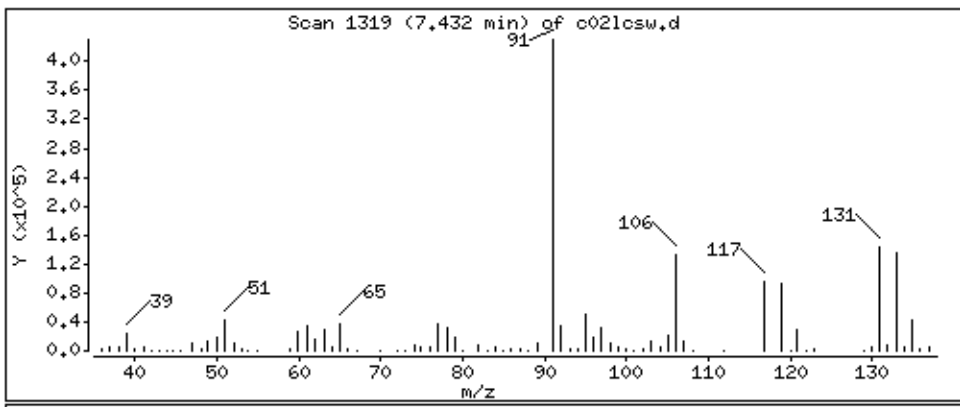
Column phase: DB-624

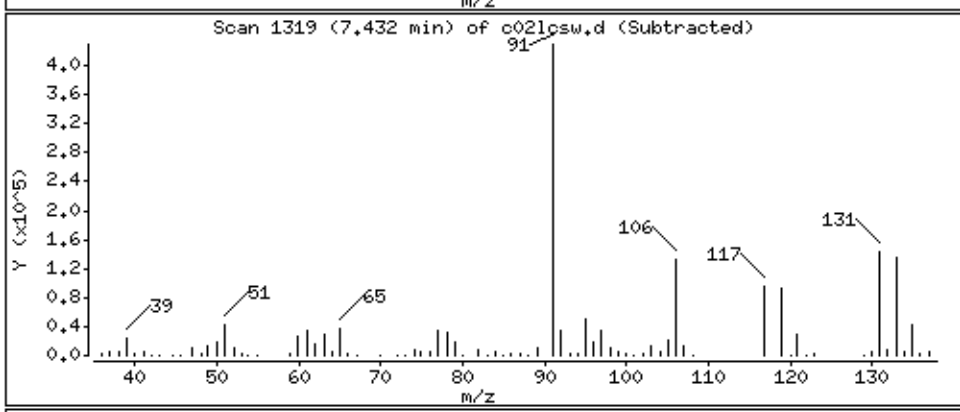
Column diameter: 0.18

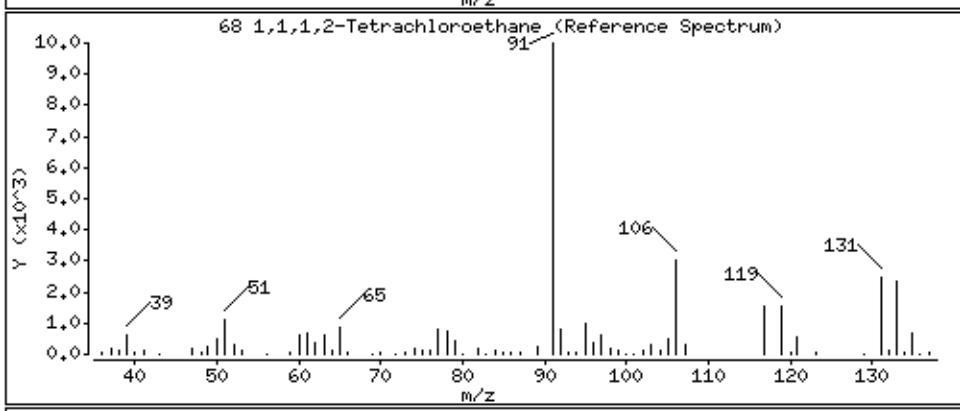
68 1,1,1,2-Tetrachloroethane

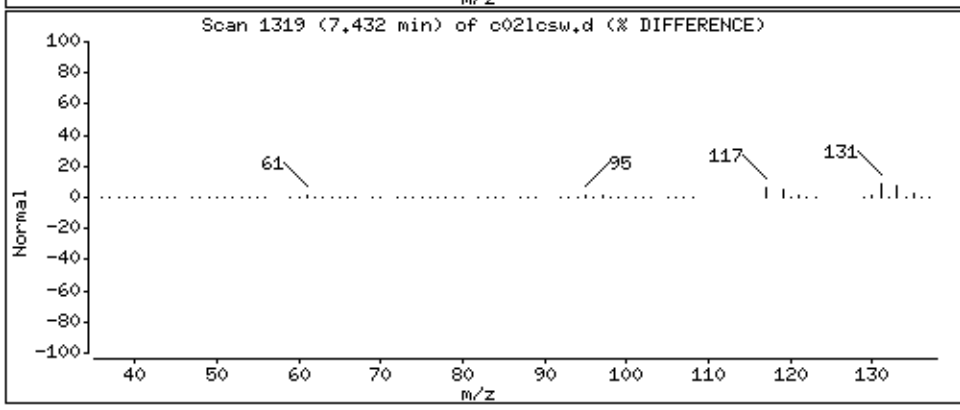
Concentration: 47.1 ppb

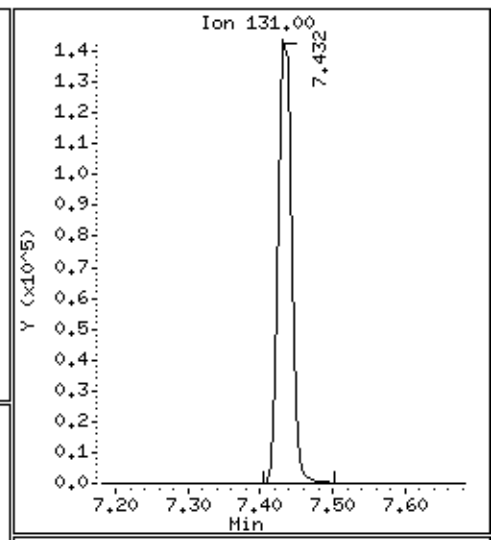
Review Code:

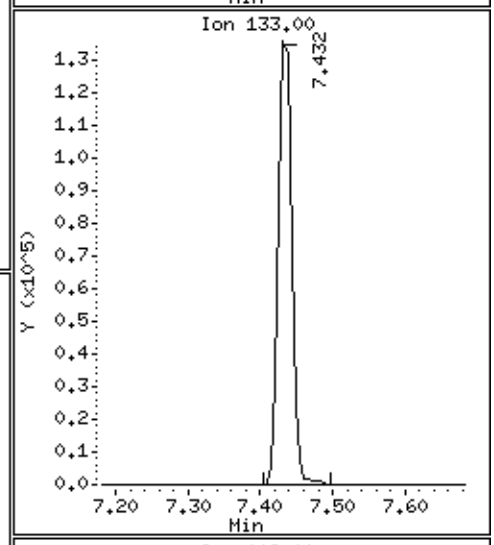


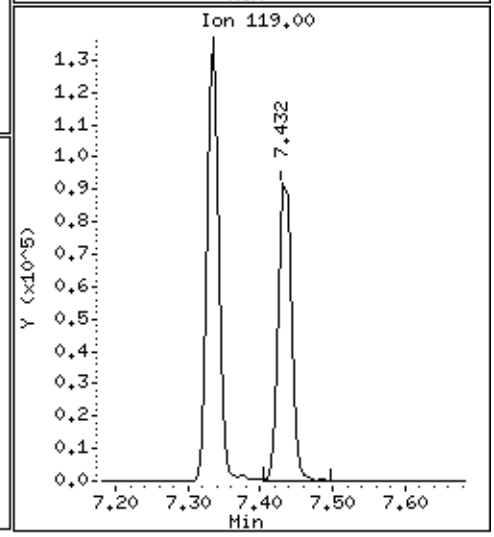












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

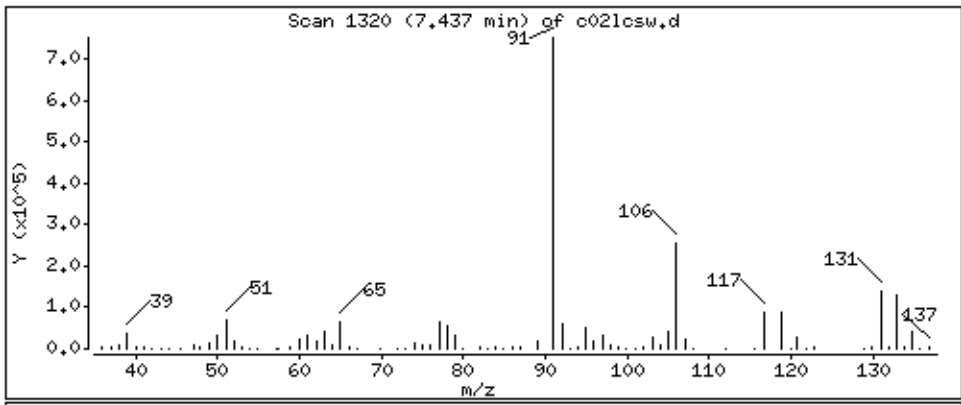
Column phase: DB-624

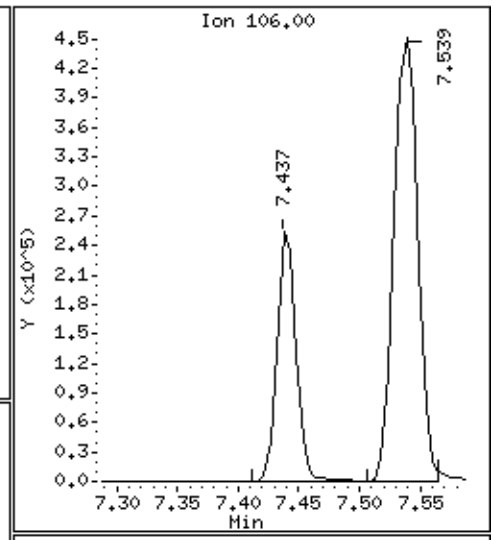
Column diameter: 0.18

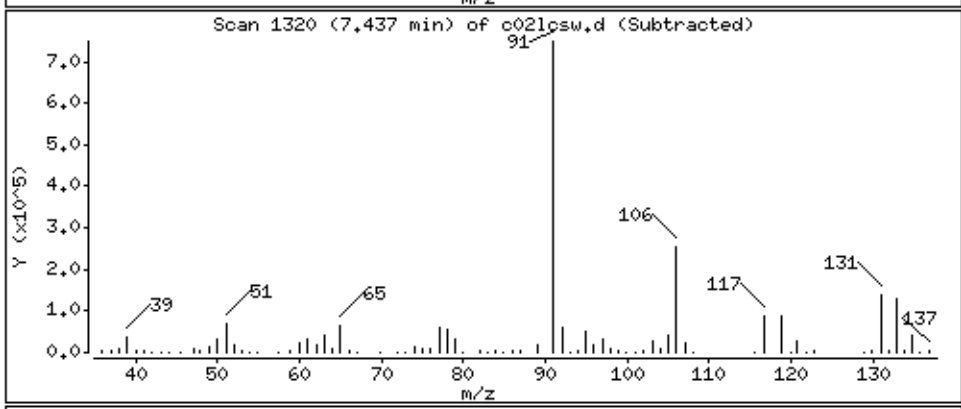
69 Ethylbenzene

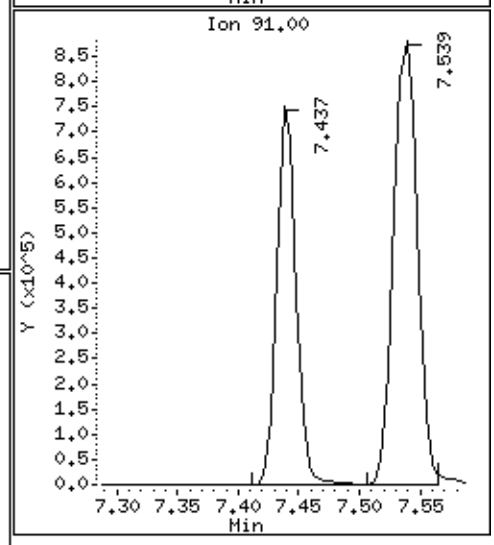
Concentration: 44.5 ppb

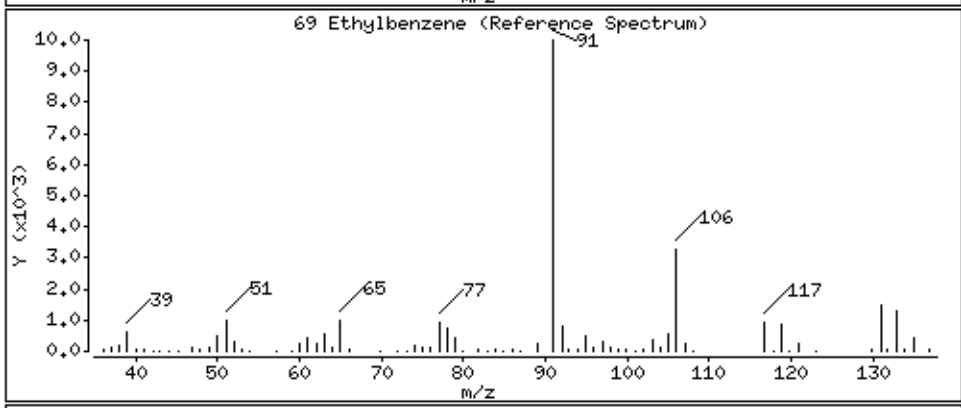
Review Code:

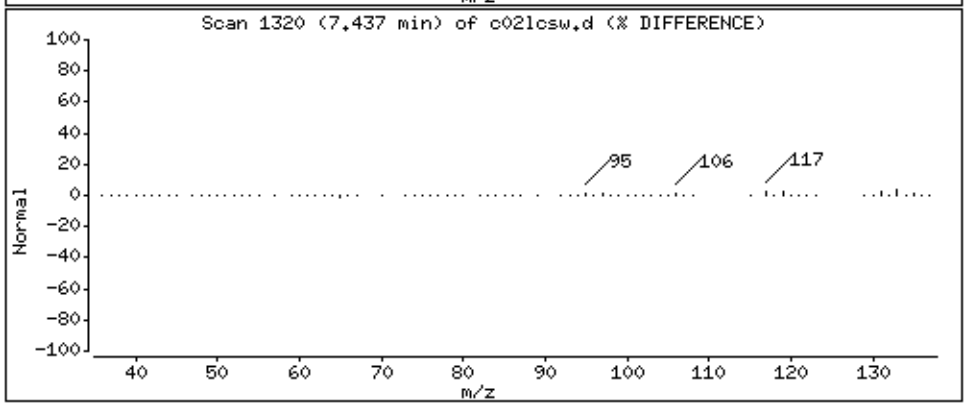












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

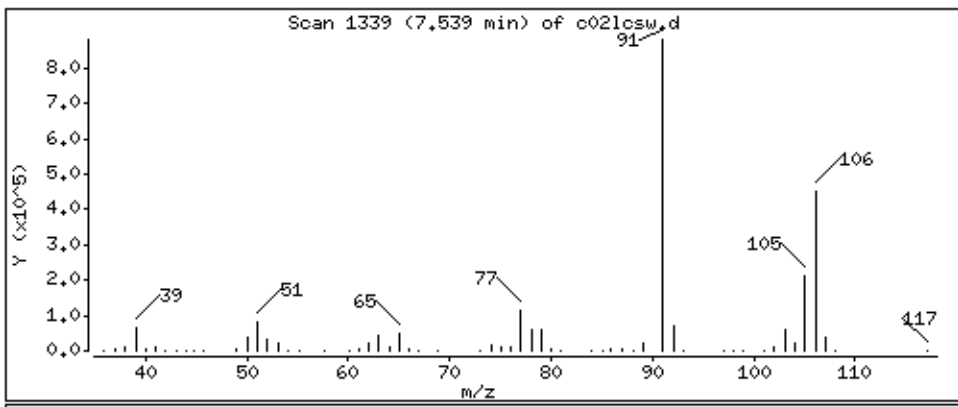
Column phase: DB-624

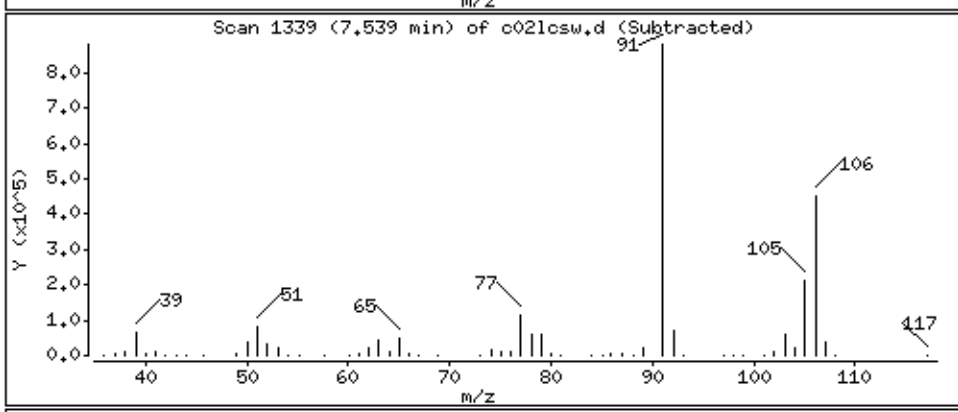
Column diameter: 0.18

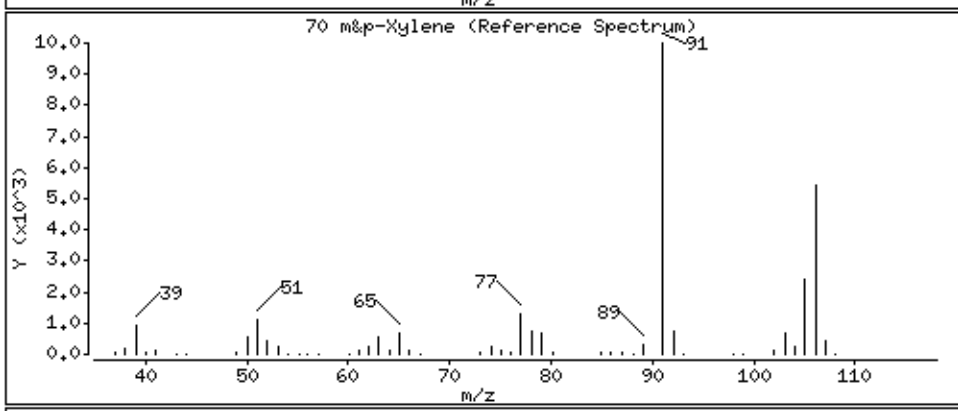
70 m&p-Xylene

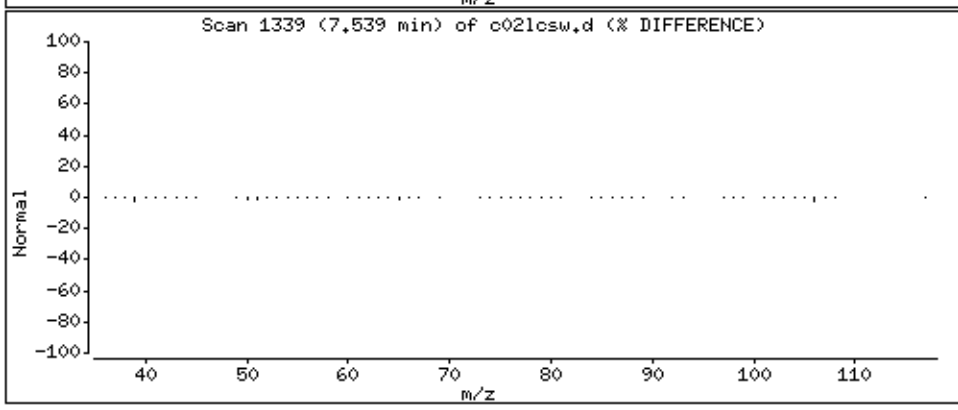
Concentration: 89.5 ppb

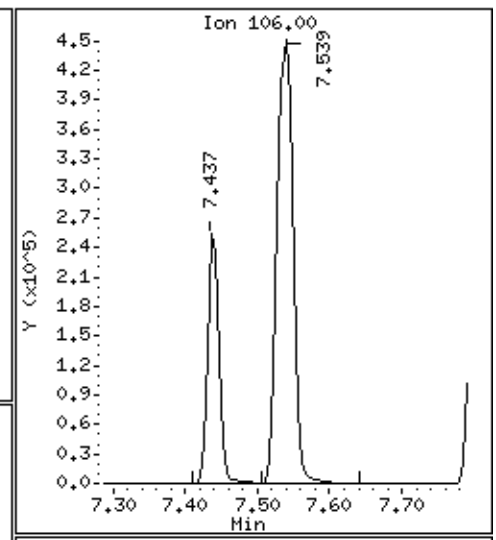
Review Code:

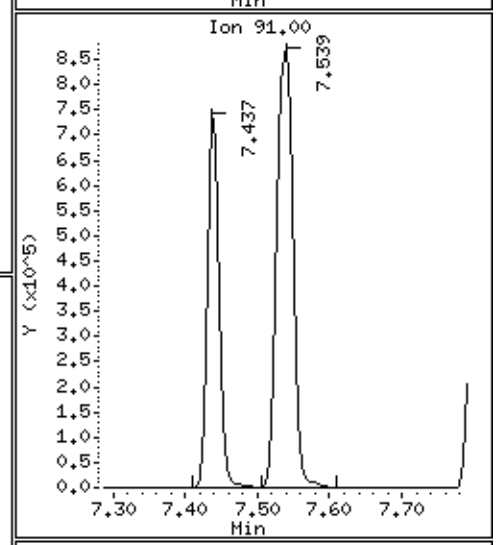


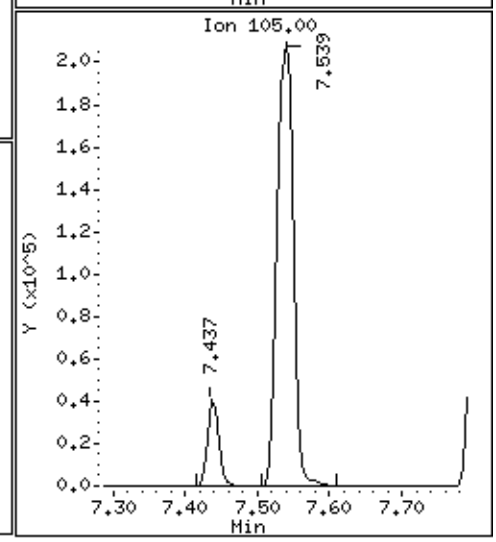












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

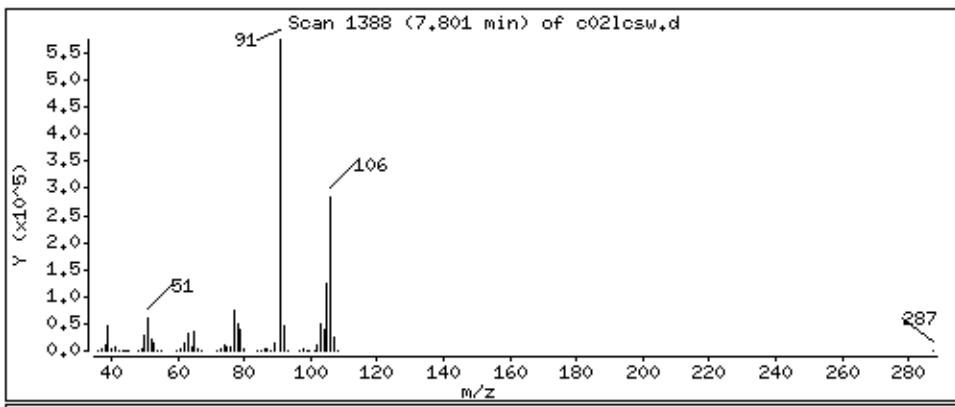
Column phase: DB-624

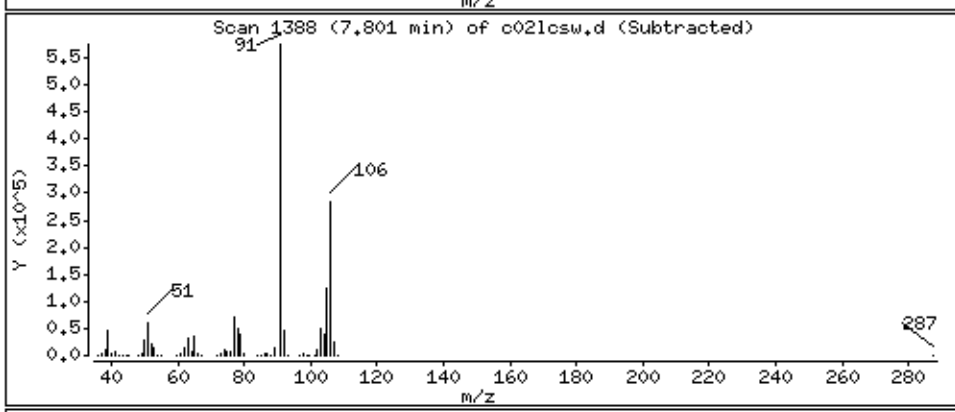
Column diameter: 0.18

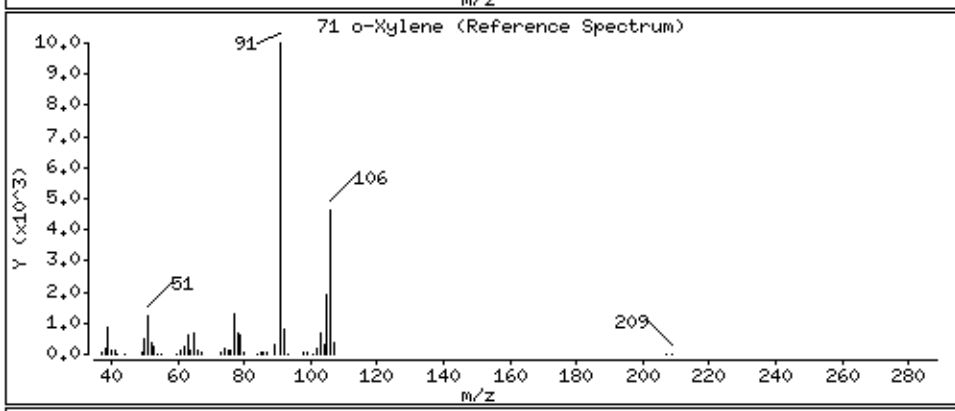
71 o-Xylene

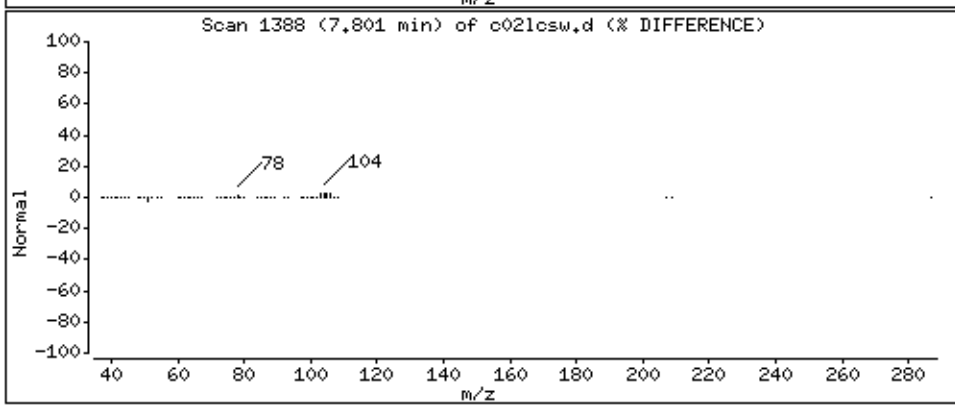
Concentration: 46.2 ppb

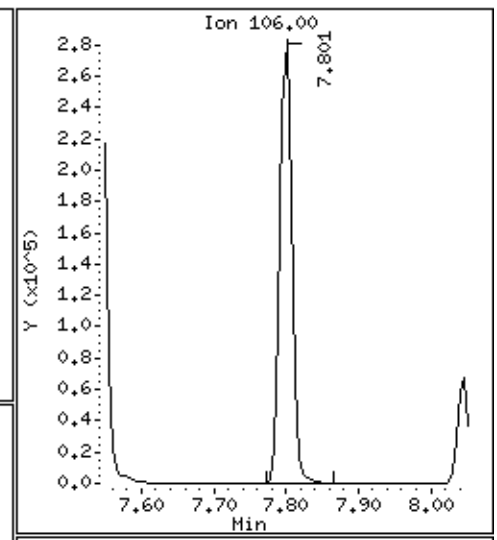
Review Code:

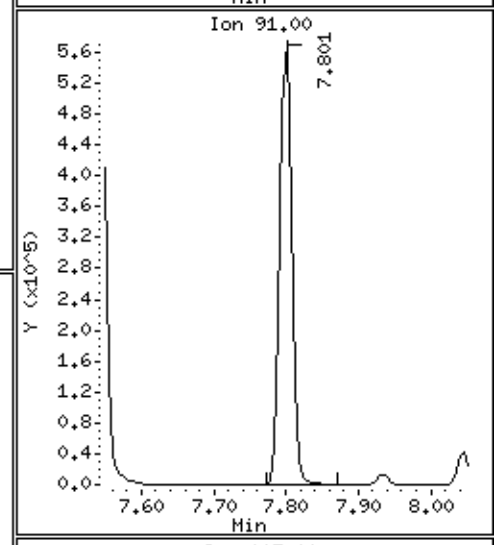


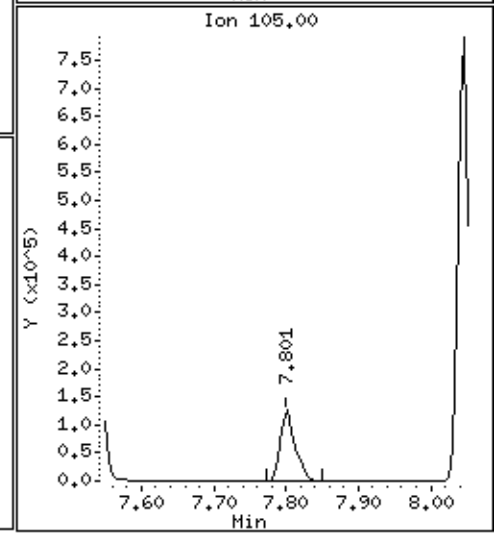












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

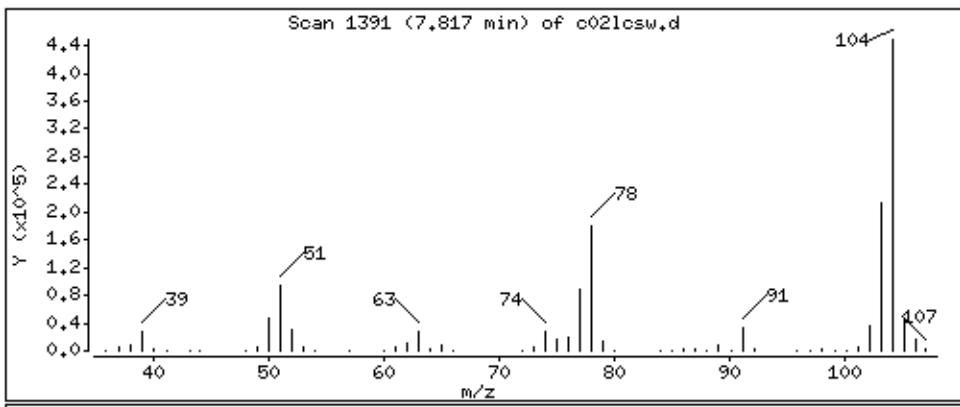
Column phase: DB-624

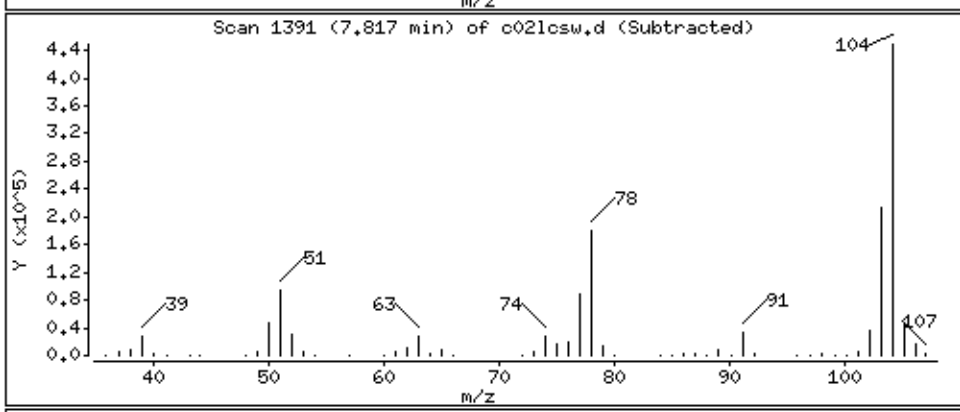
Column diameter: 0.18

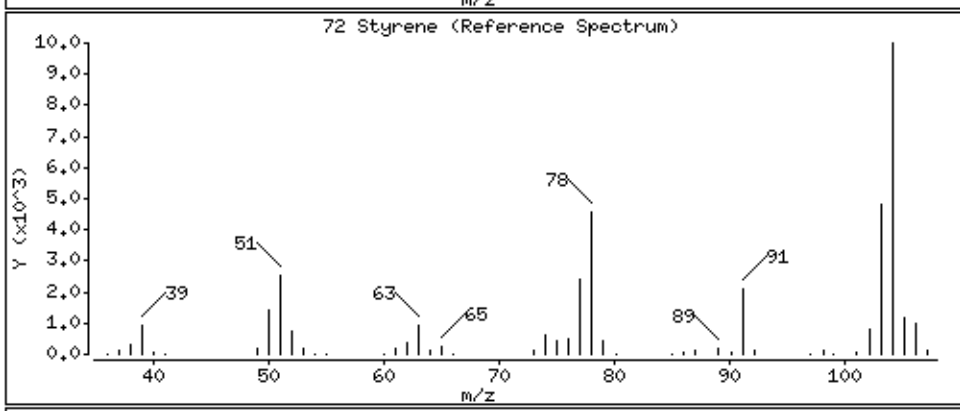
72 Styrene

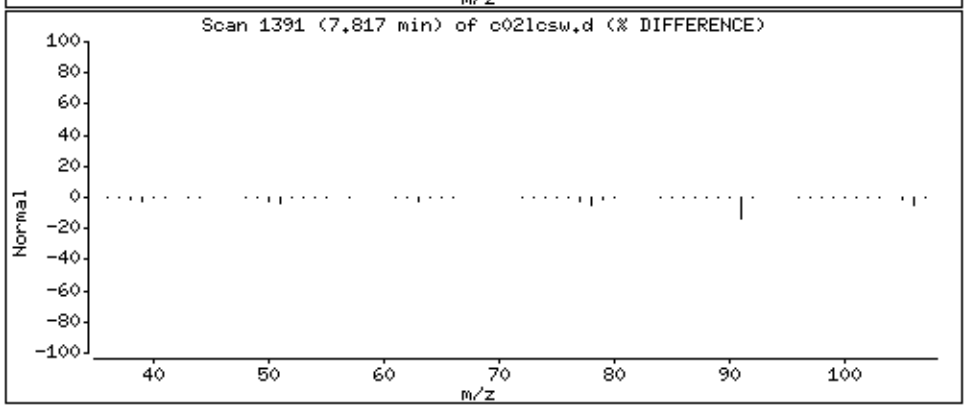
Concentration: 42.2 ppb

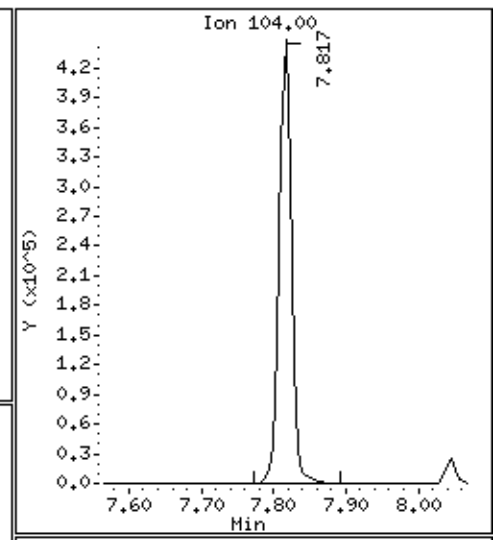
Review Code:

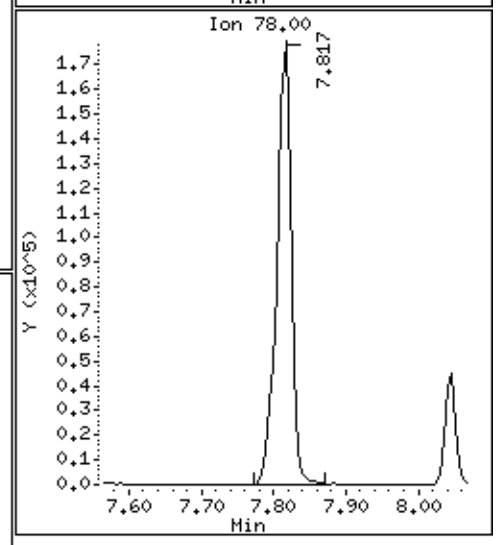












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

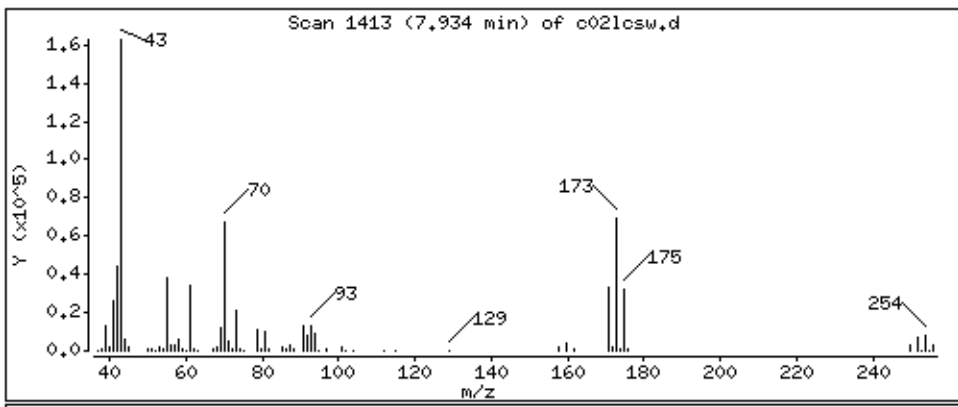
Column phase: DB-624

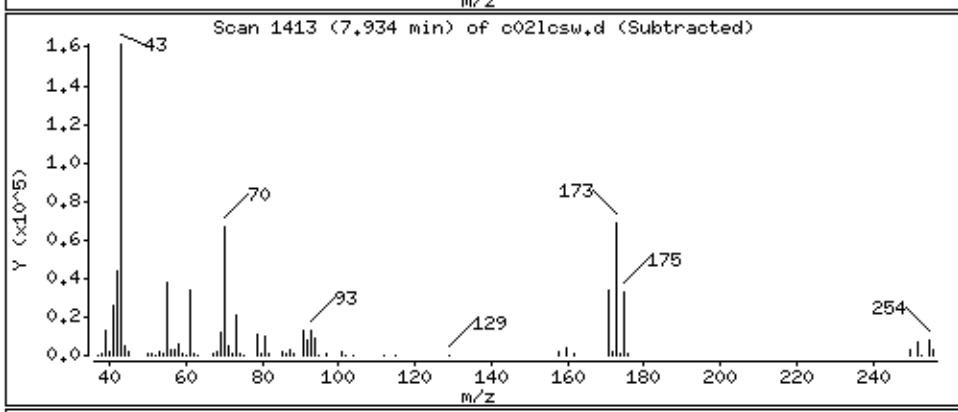
Column diameter: 0.18

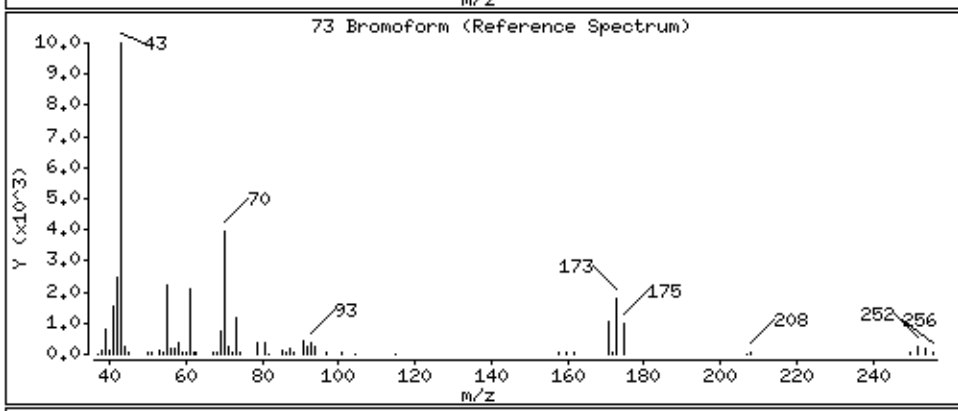
73 Bromoform

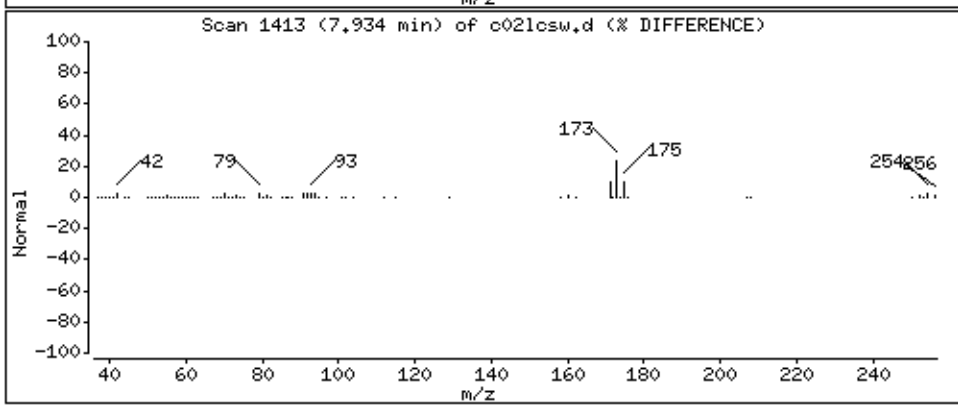
Concentration: 43.2 ppb

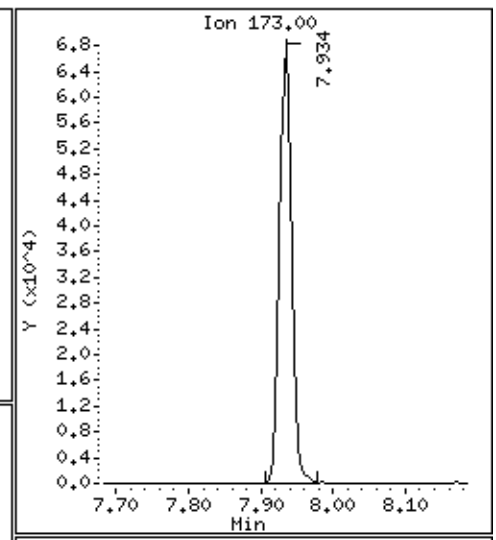
Review Code:

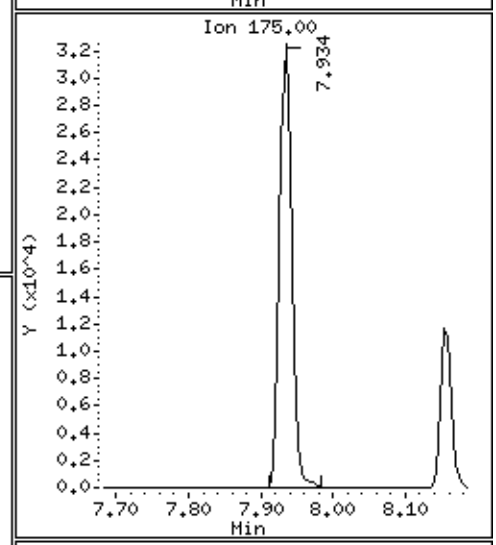


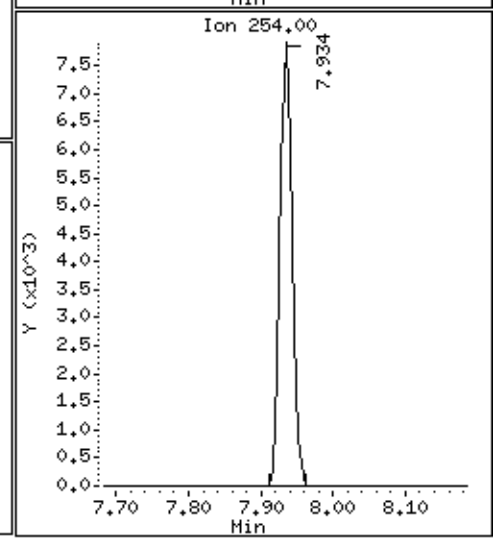












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

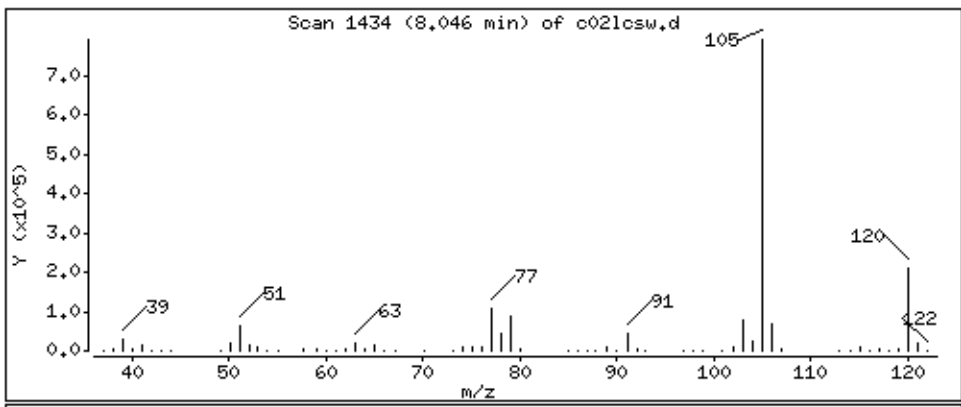
Column phase: DB-624

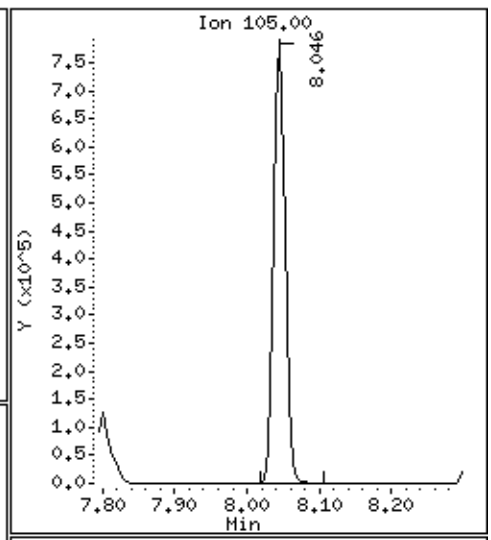
Column diameter: 0.18

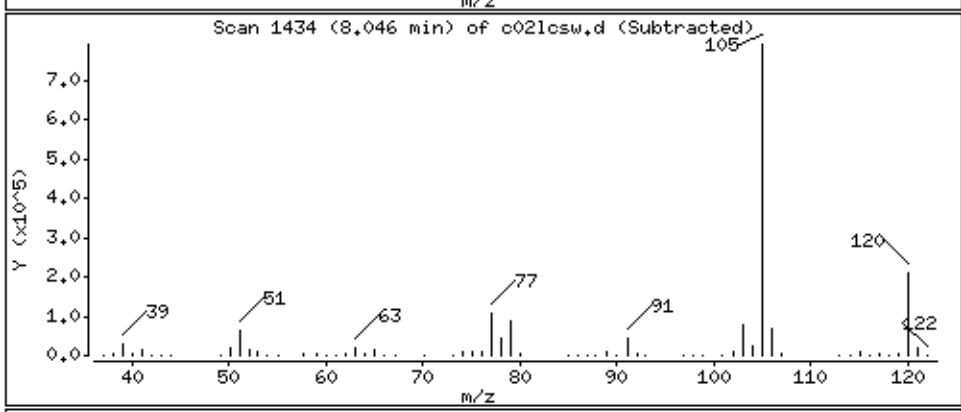
74 Isopropylbenzene

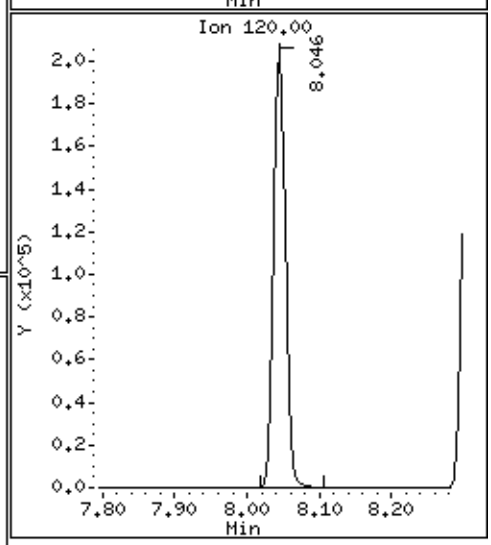
Concentration: 47.6 ppb

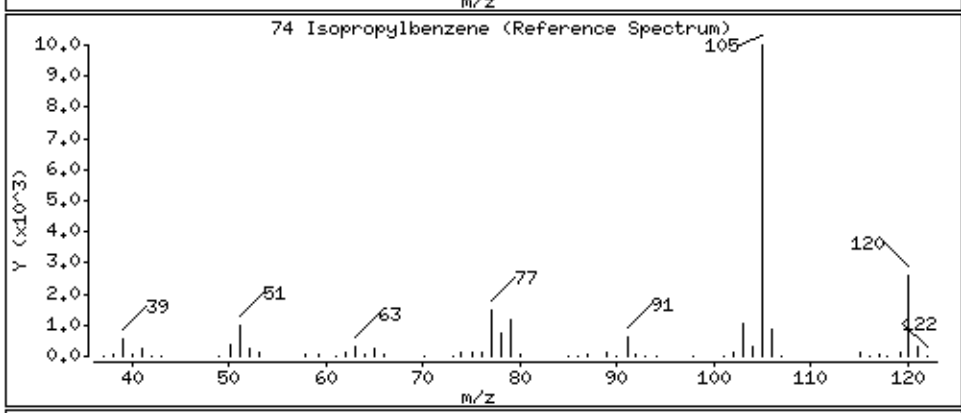
Review Code:

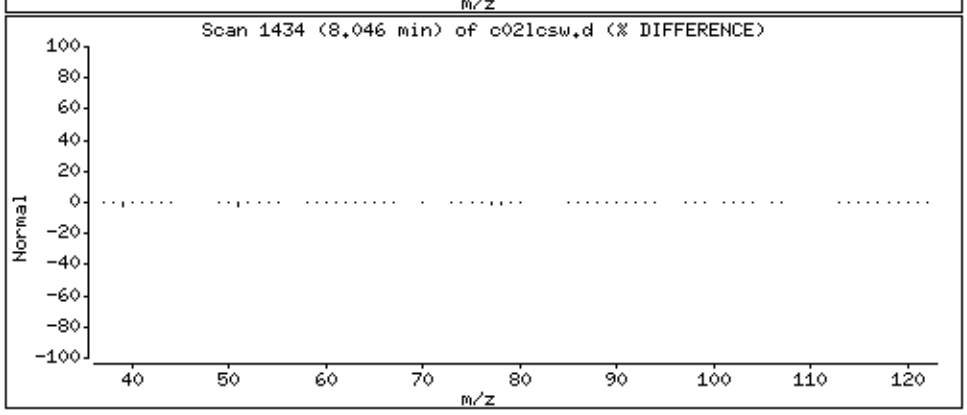












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

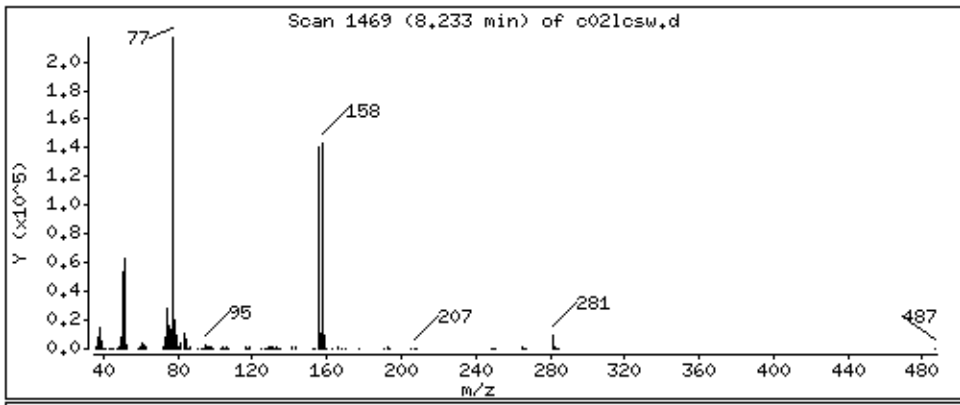
Column phase: DB-624

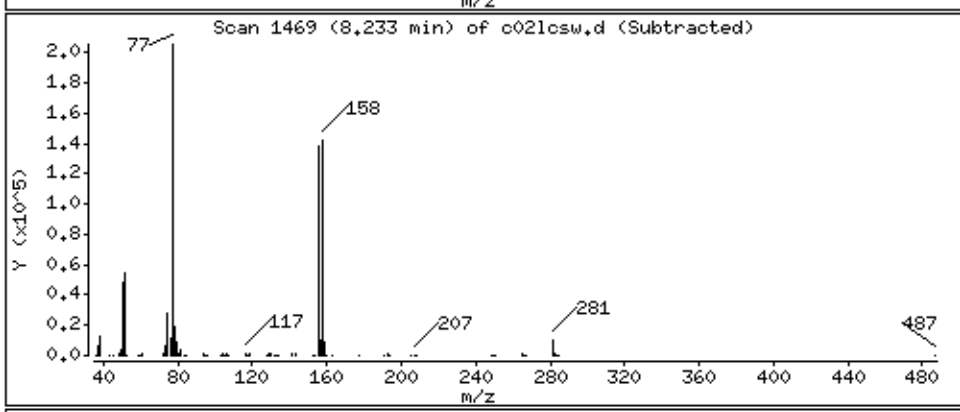
Column diameter: 0.18

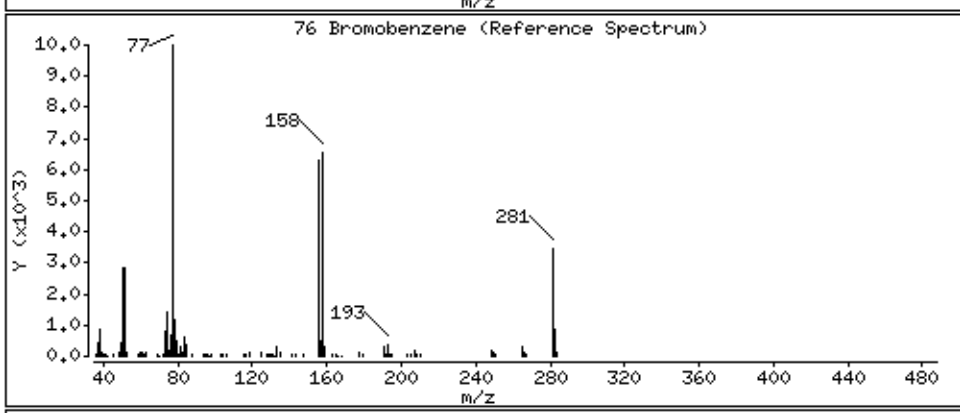
76 Bromobenzene

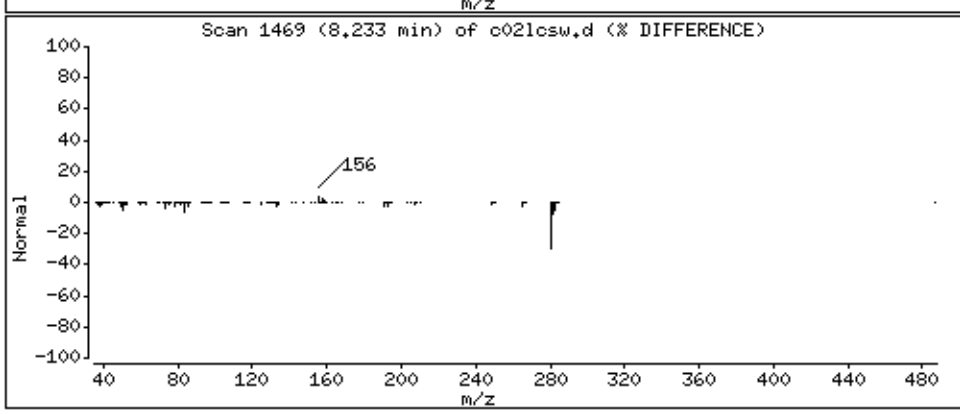
Concentration: 44.0 ppb

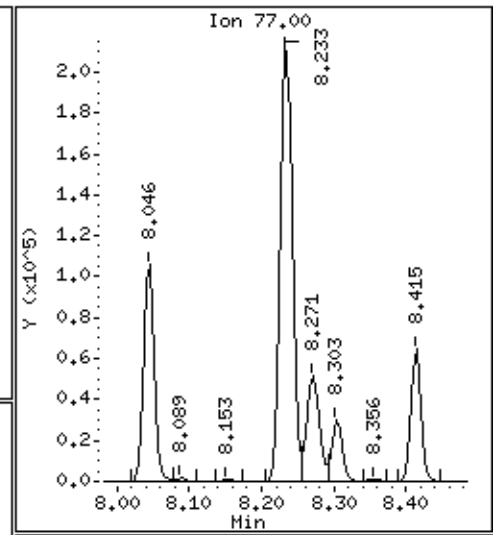
Review Code:

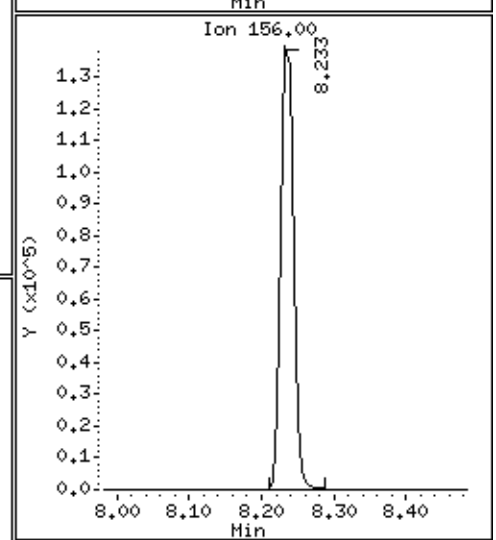


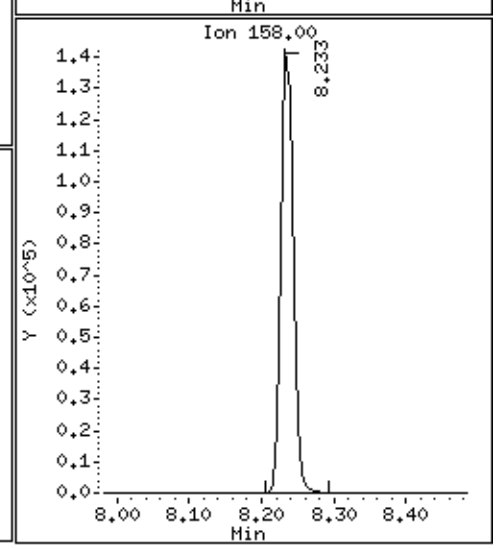












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

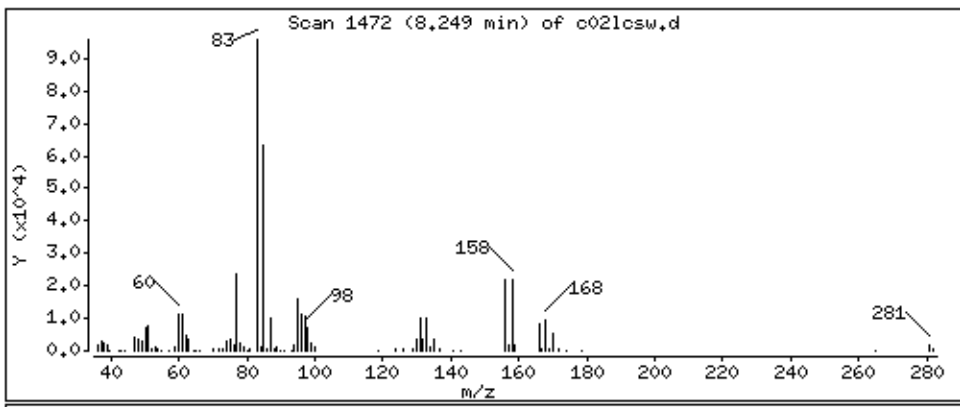
Column phase: DB-624

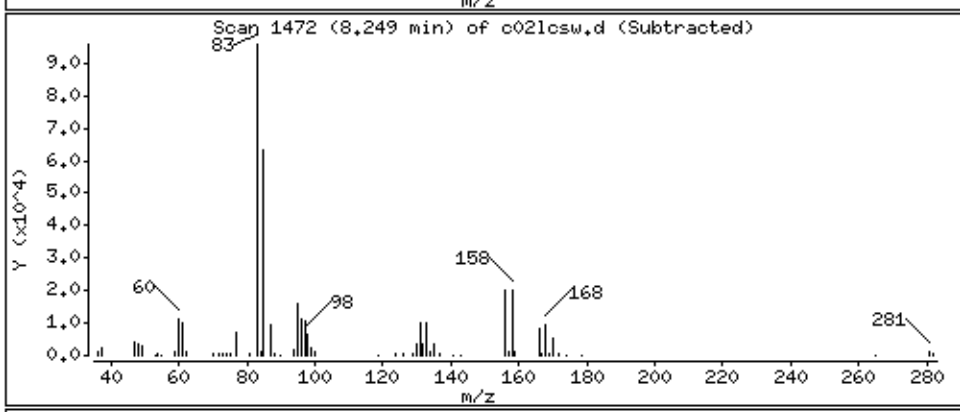
Column diameter: 0.18

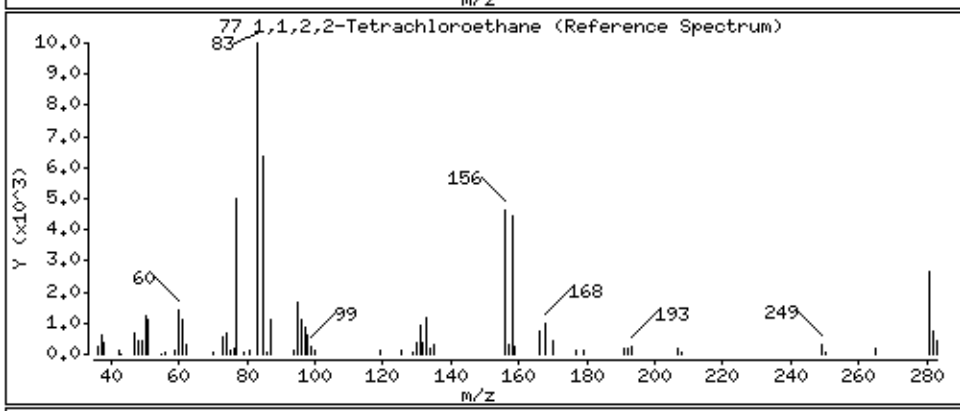
77 1,1,2,2-Tetrachloroethane

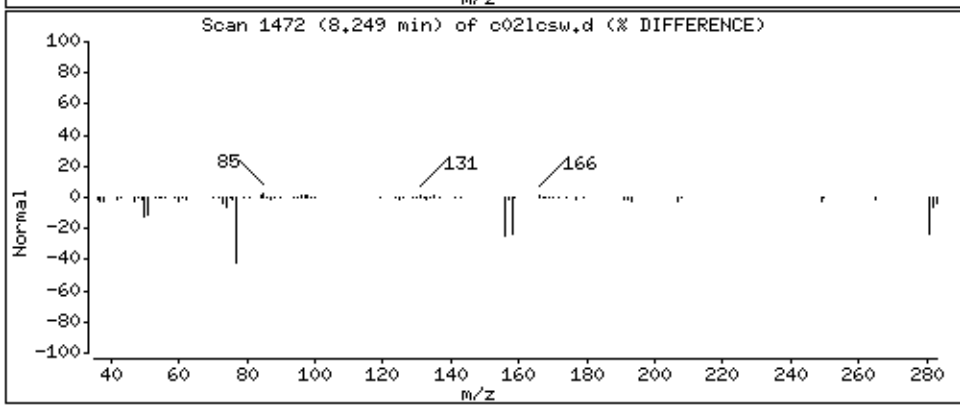
Concentration: 42.6 ppb

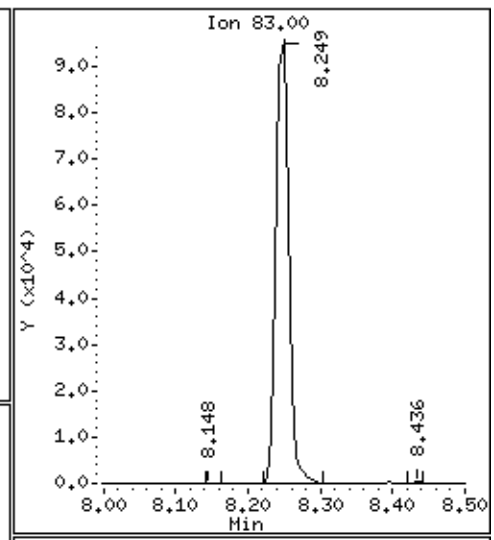
Review Code:

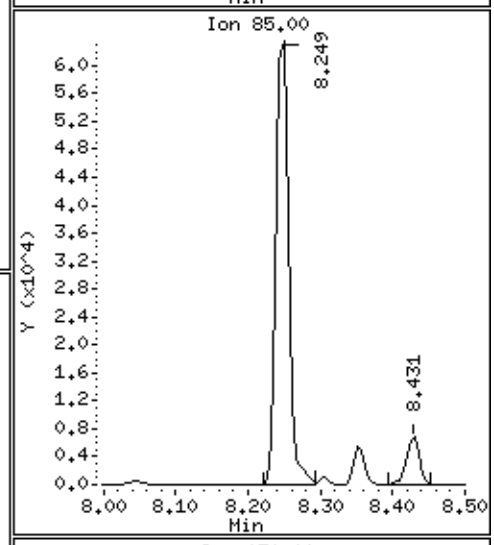


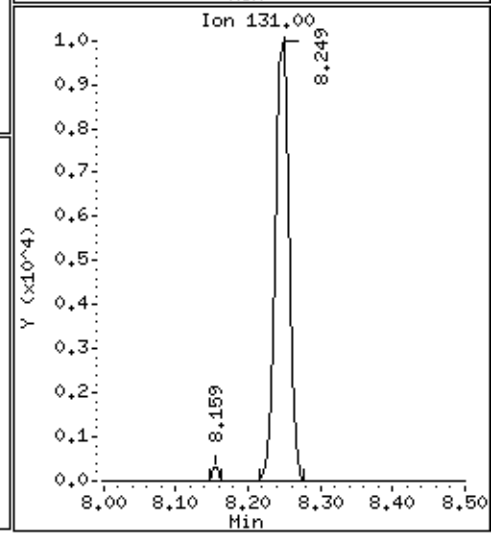












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

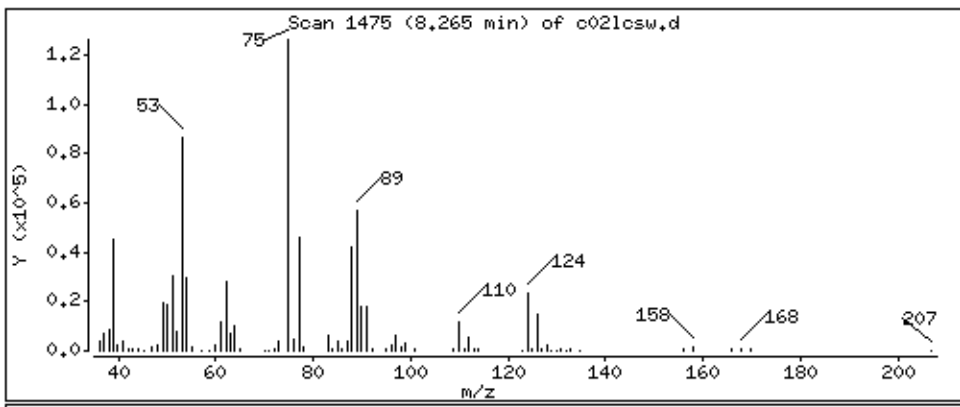
Column phase: DB-624

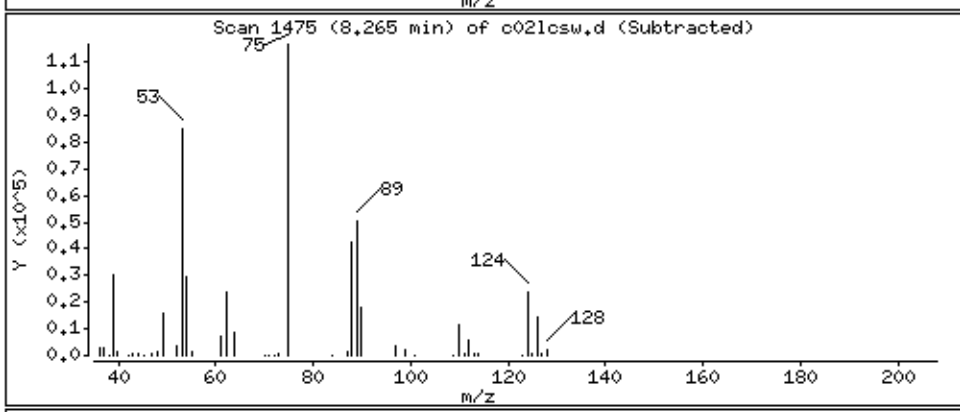
Column diameter: 0.18

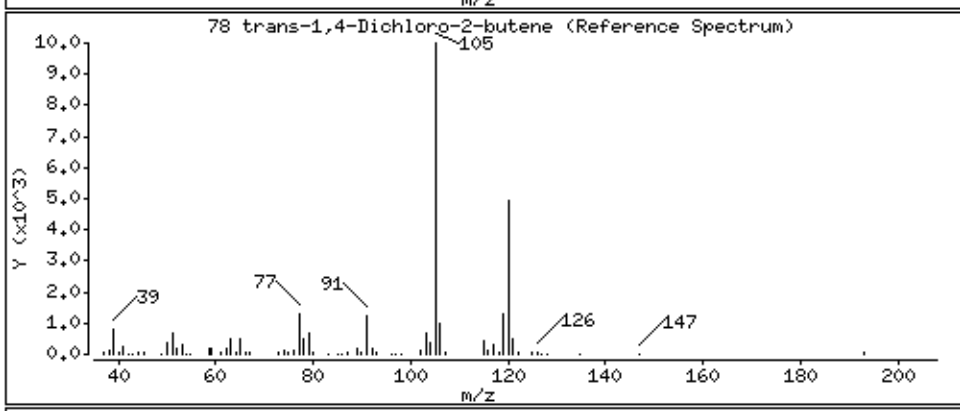
78 trans-1,4-Dichloro-2-butene

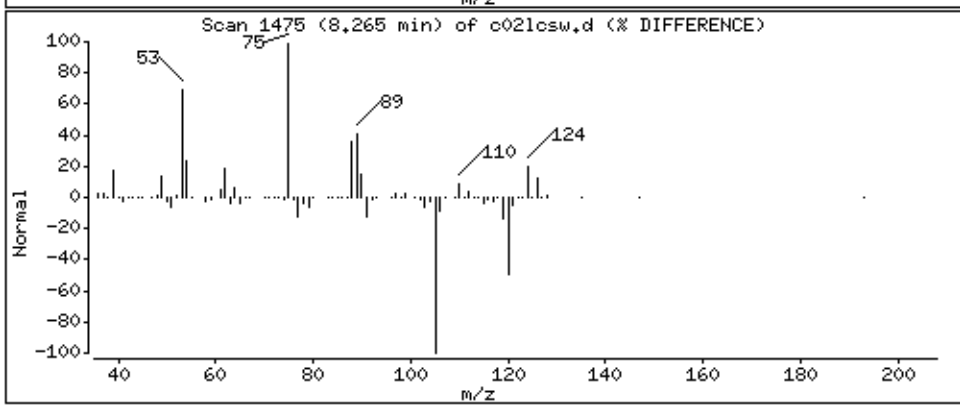
Concentration: 146 ppb

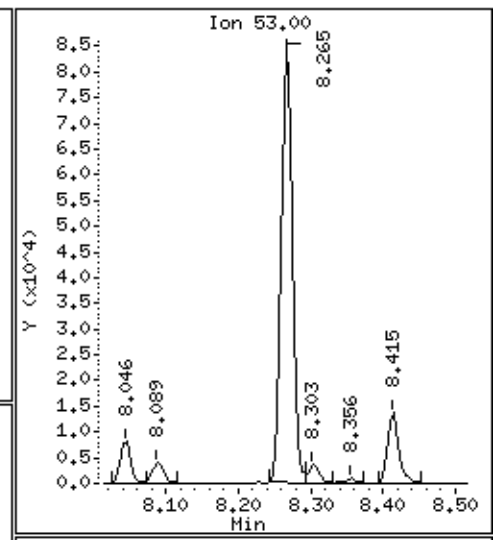
Review Code:

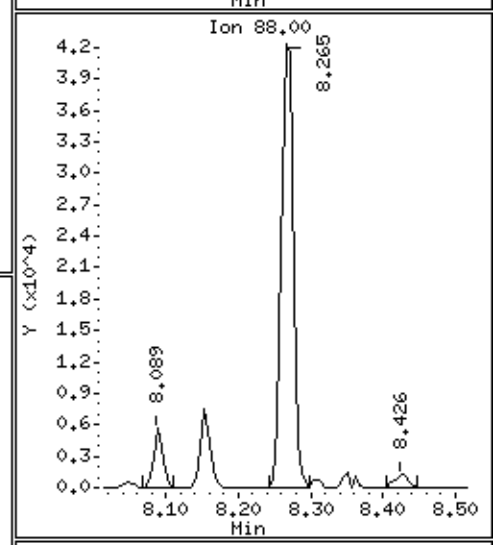


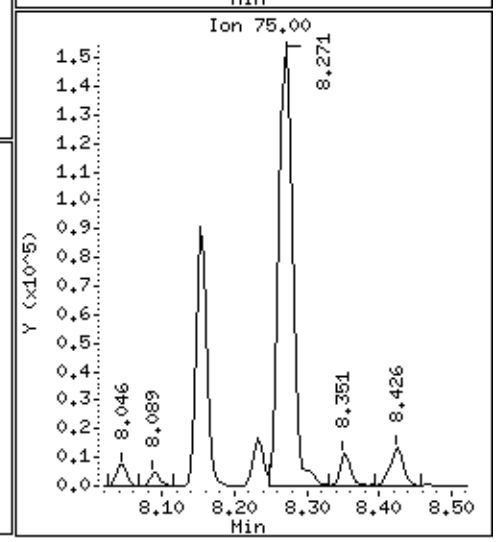












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

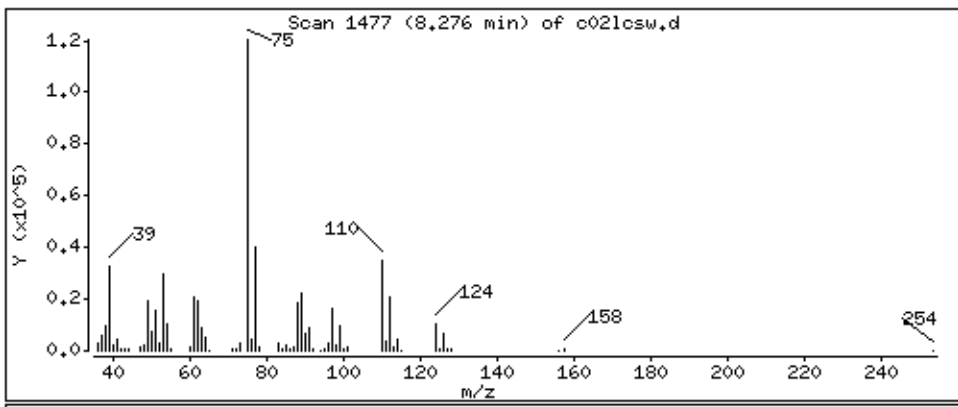
Column phase: DB-624

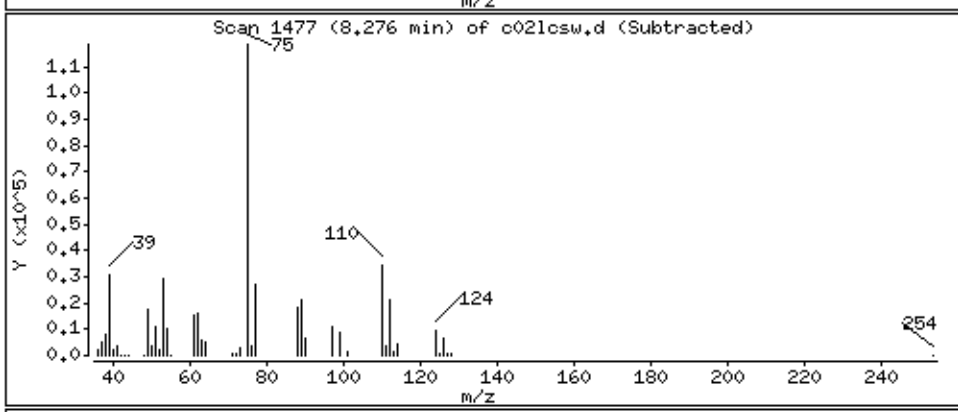
Column diameter: 0.18

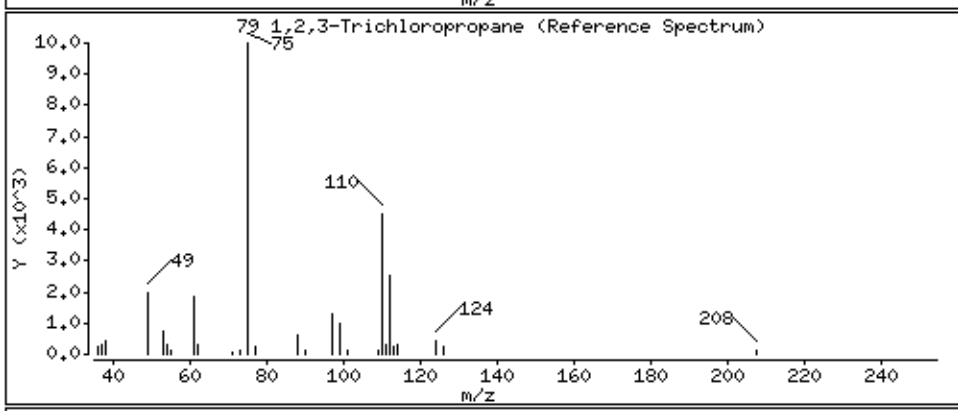
79 1,2,3-Trichloropropane

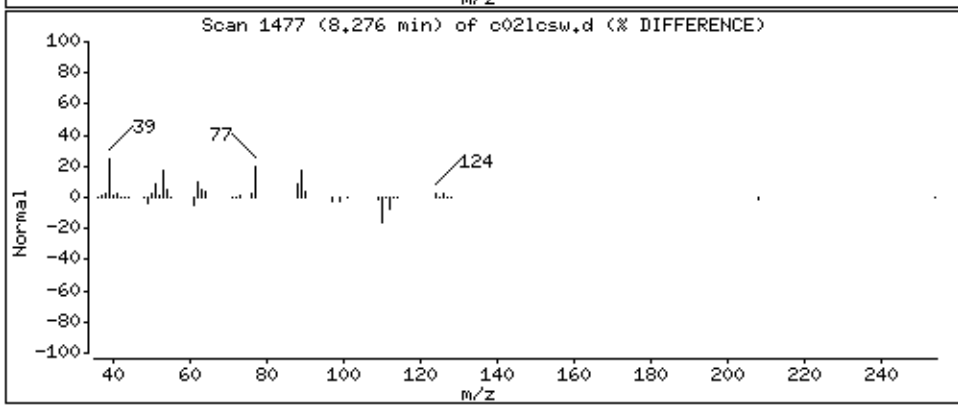
Concentration: 49.0 ppb

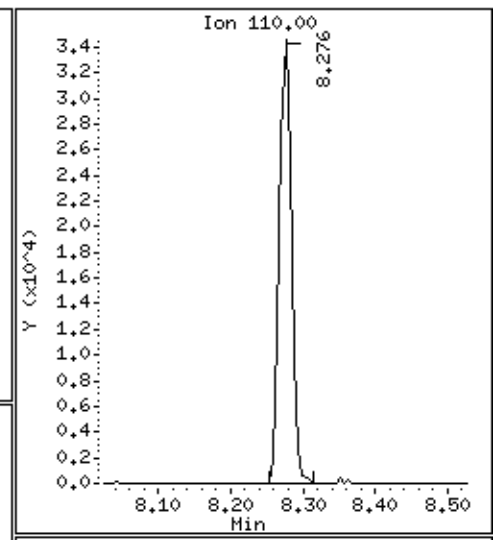
Review Code:

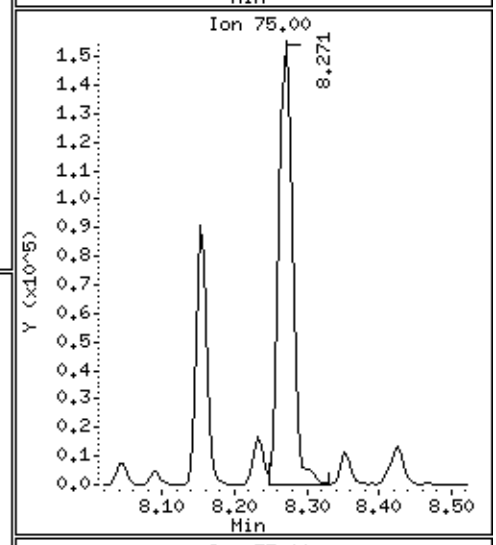


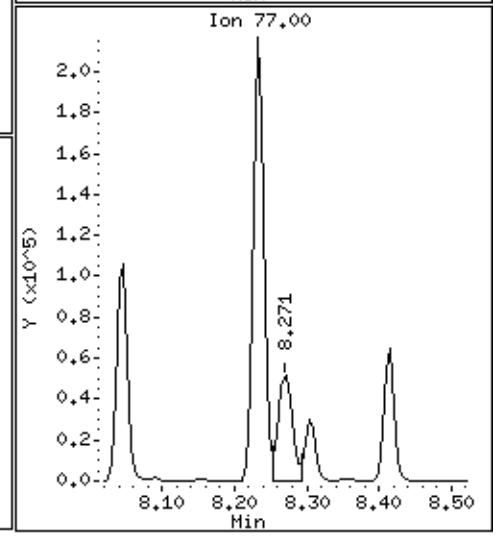












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

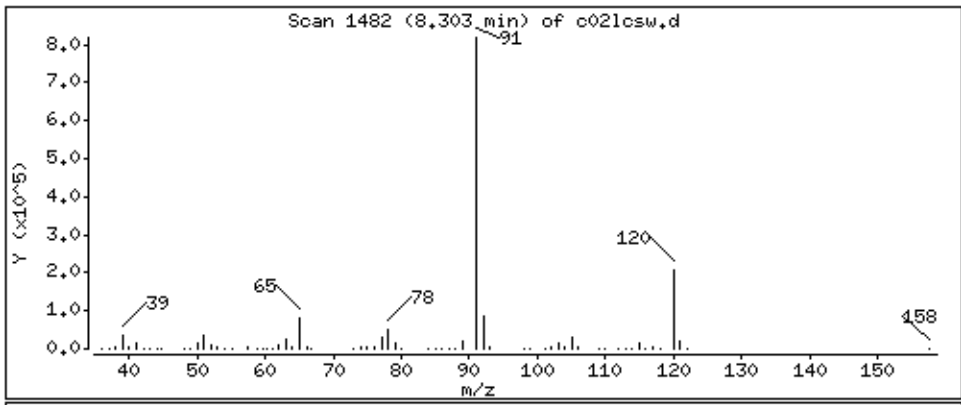
Column phase: DB-624

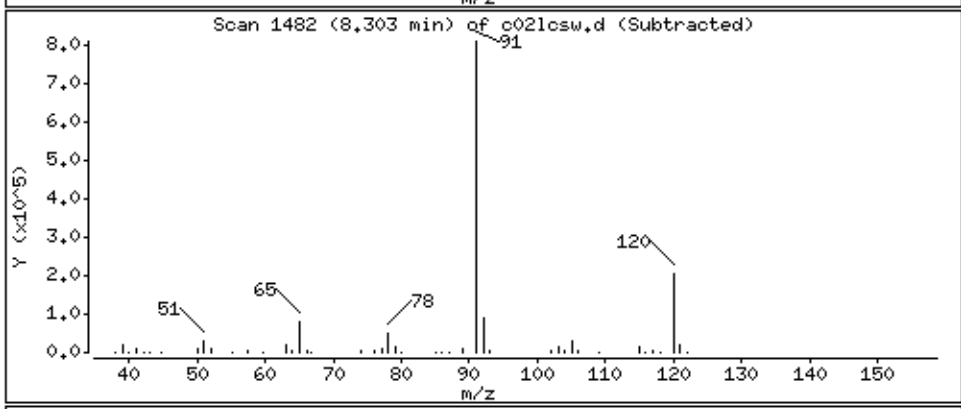
Column diameter: 0.18

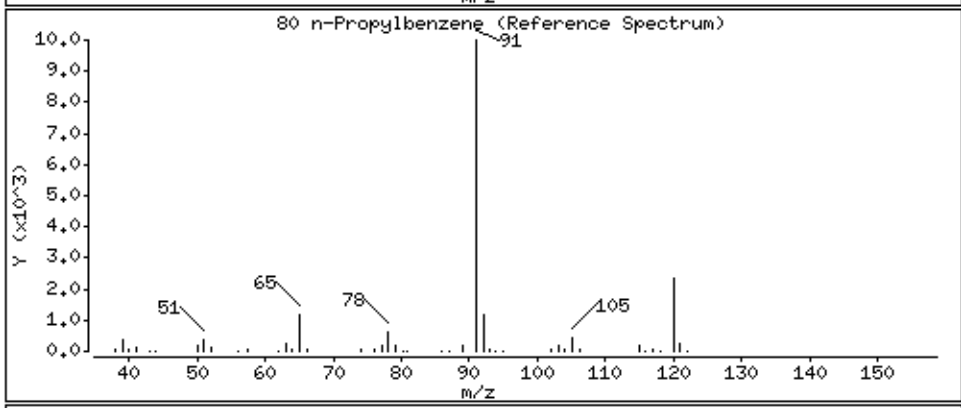
80 n-Propylbenzene

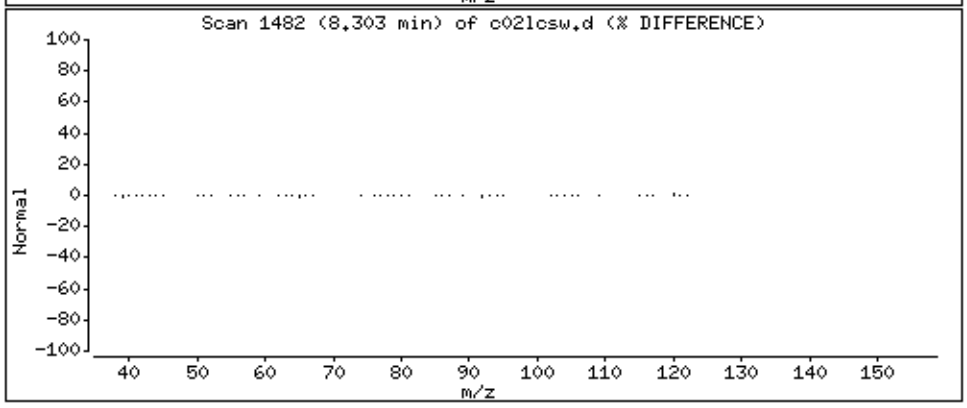
Concentration: 42.6 ppb

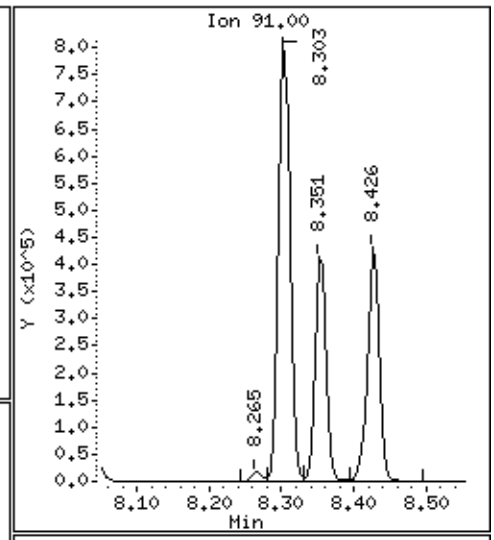
Review Code:

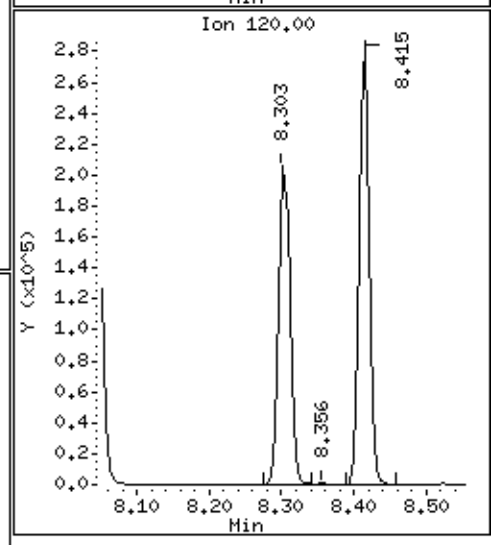












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

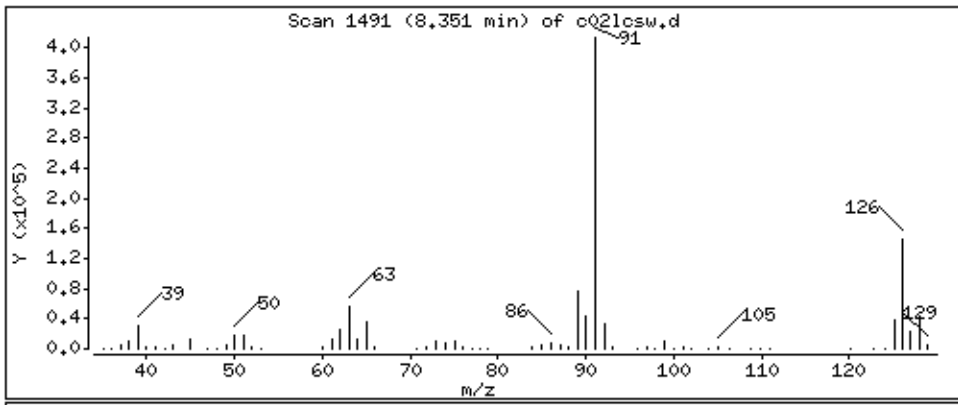
Column phase: DB-624

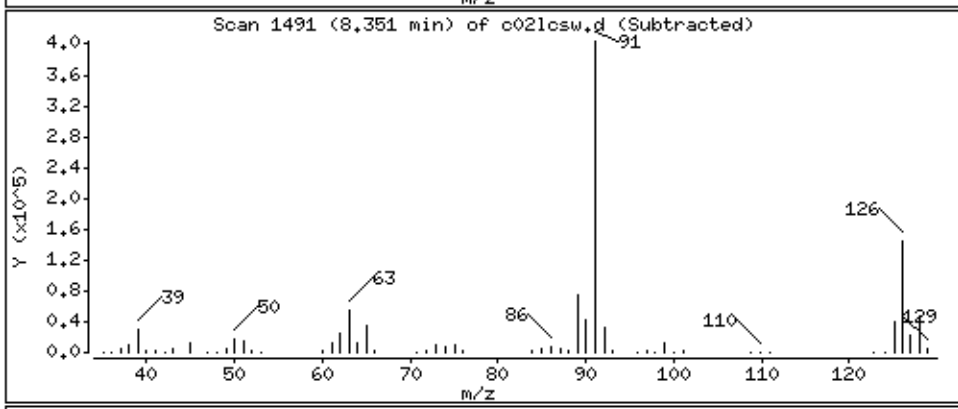
Column diameter: 0.18

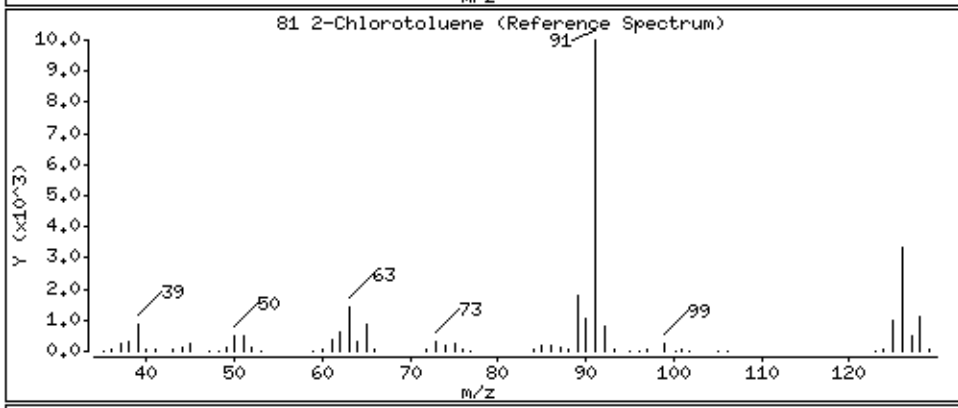
81 2-Chlorotoluene

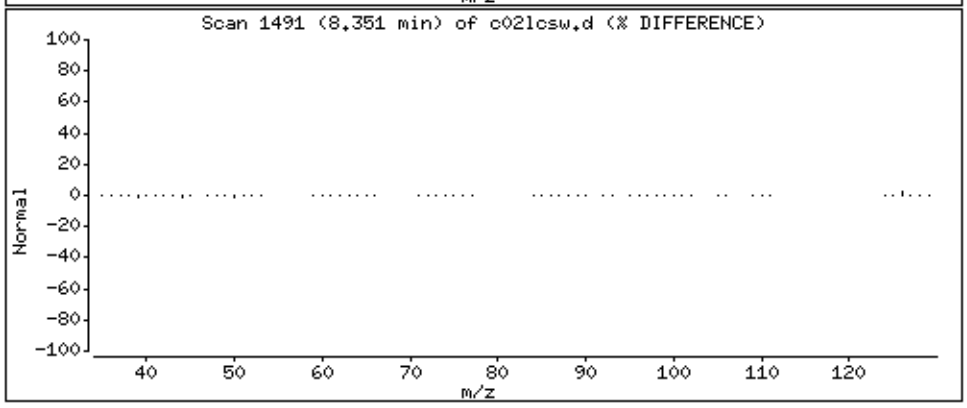
Concentration: 41.1 ppb

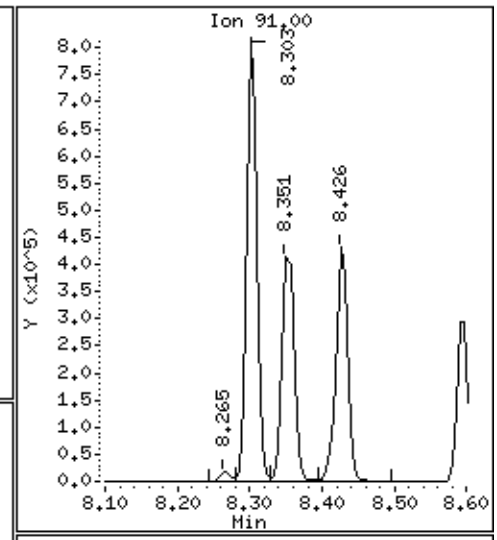
Review Code:

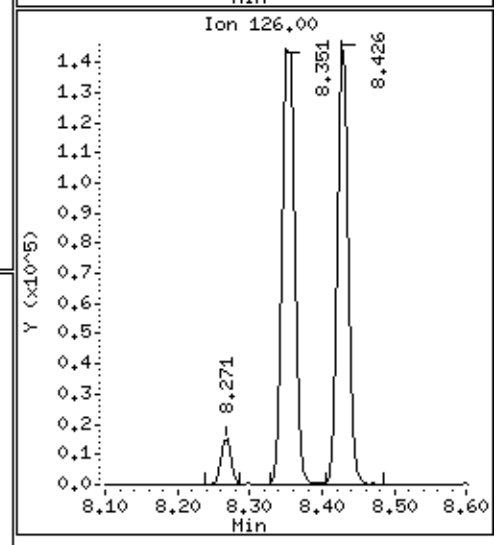












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

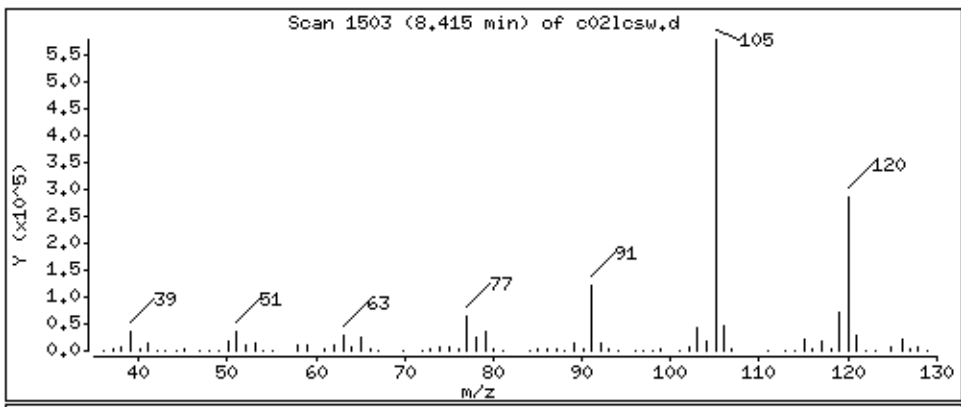
Column phase: DB-624

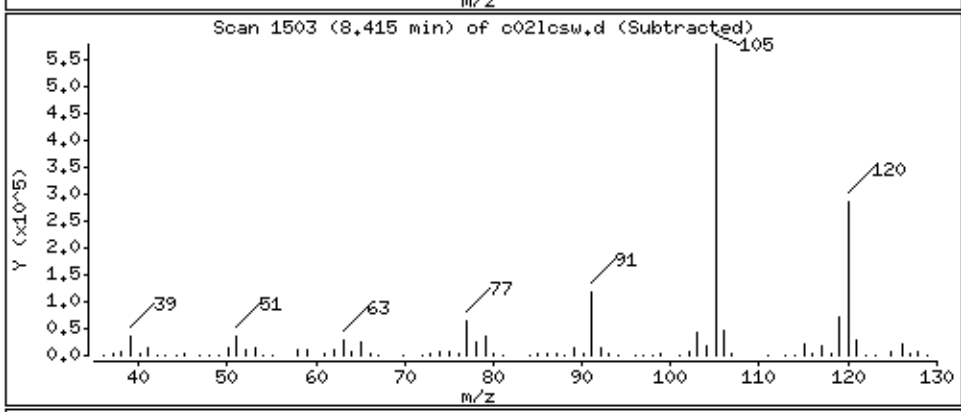
Column diameter: 0.18

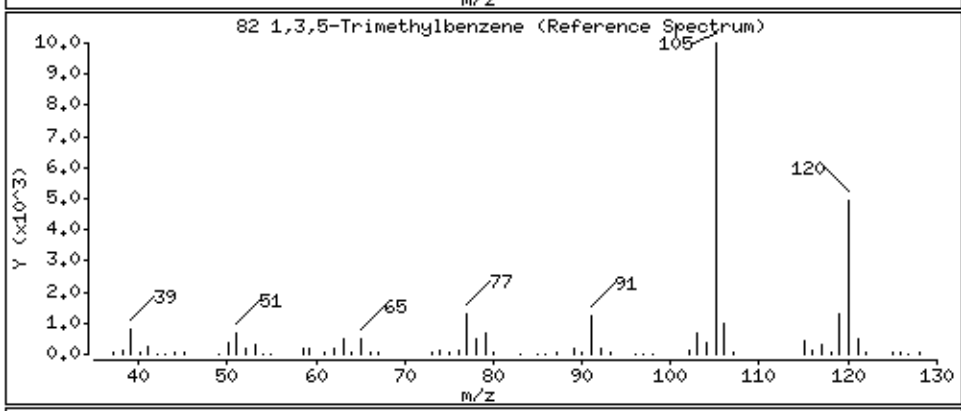
82 1,3,5-Trimethylbenzene

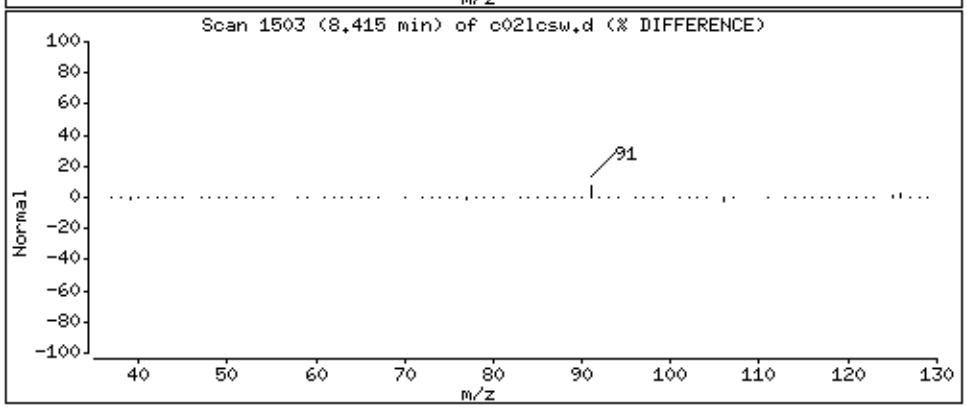
Concentration: 43.1 ppb

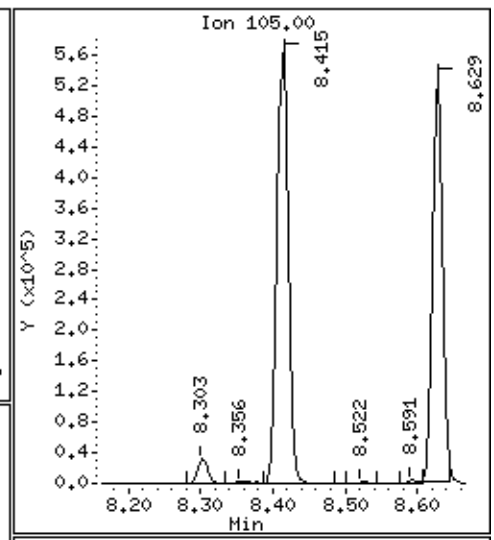
Review Code:

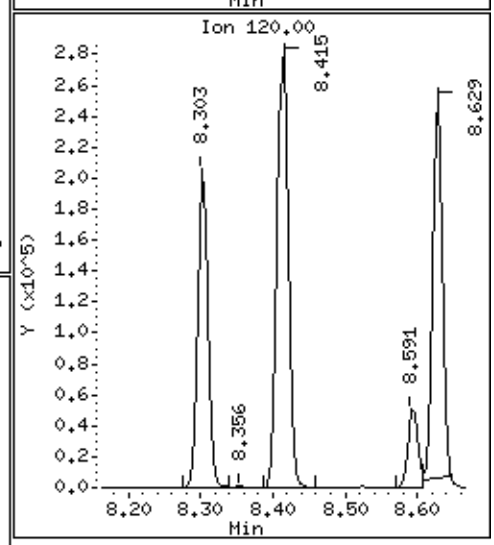












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

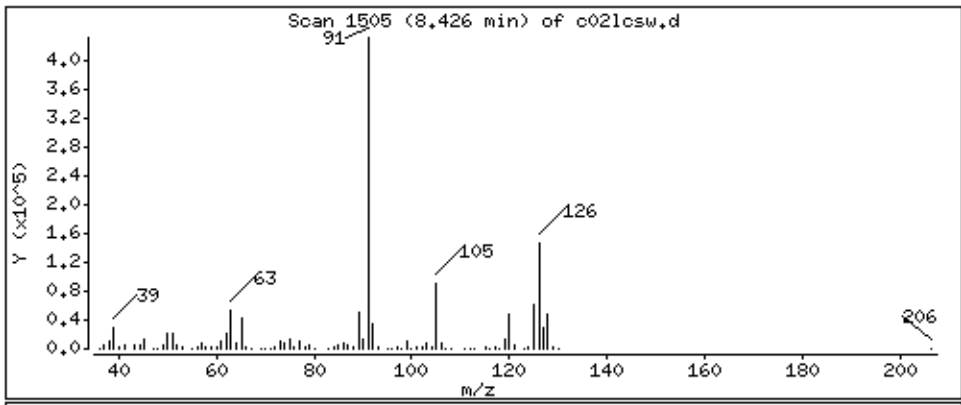
Column phase: DB-624

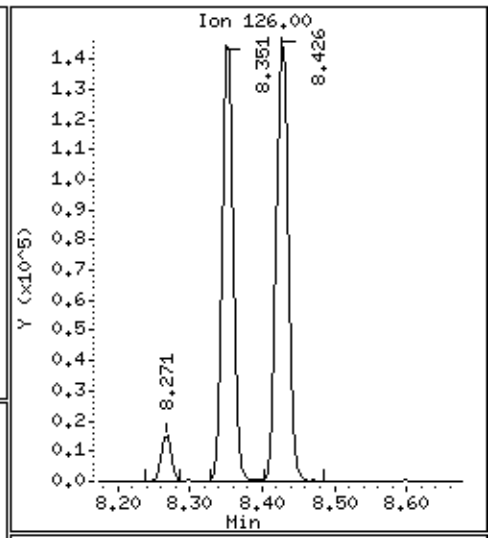
Column diameter: 0.18

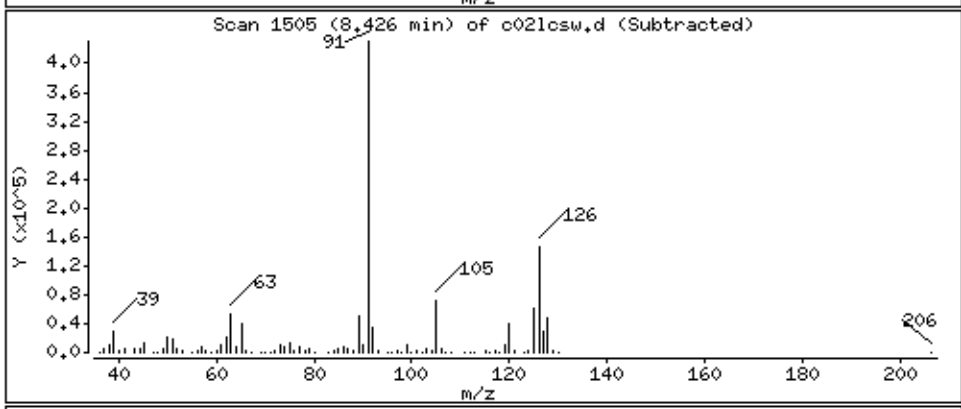
83 4-Chlorotoluene

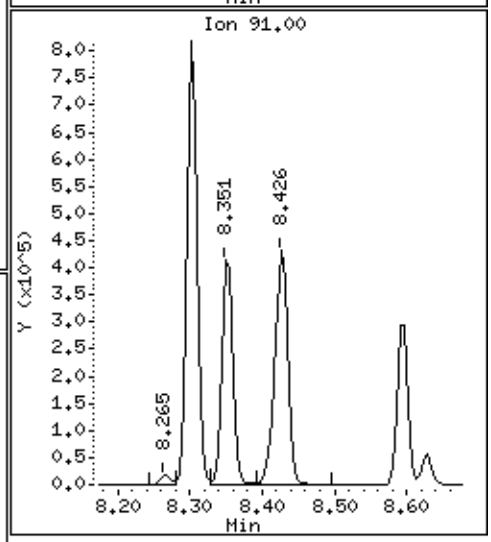
Concentration: 45.5 ppb

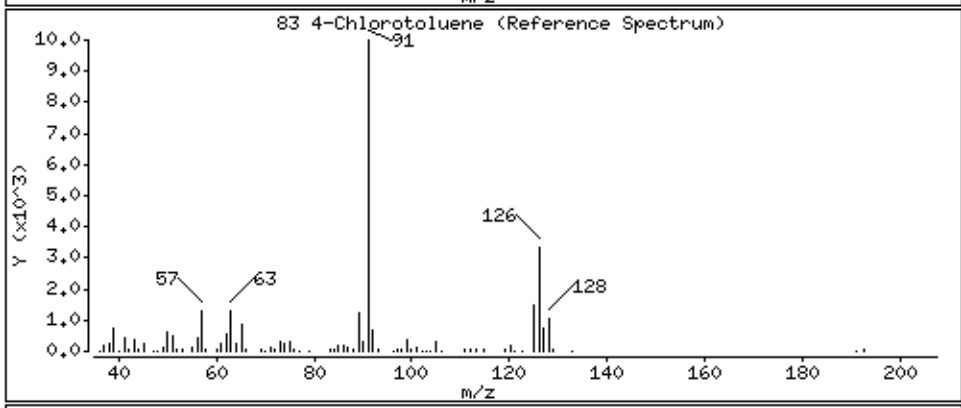
Review Code:

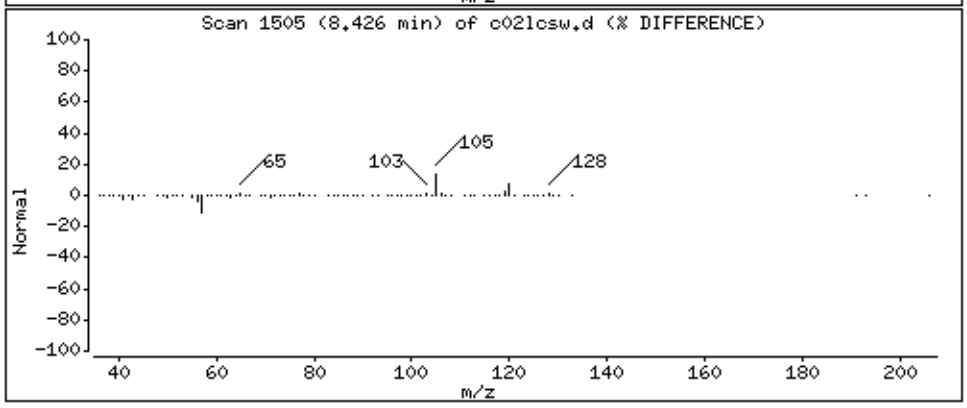












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

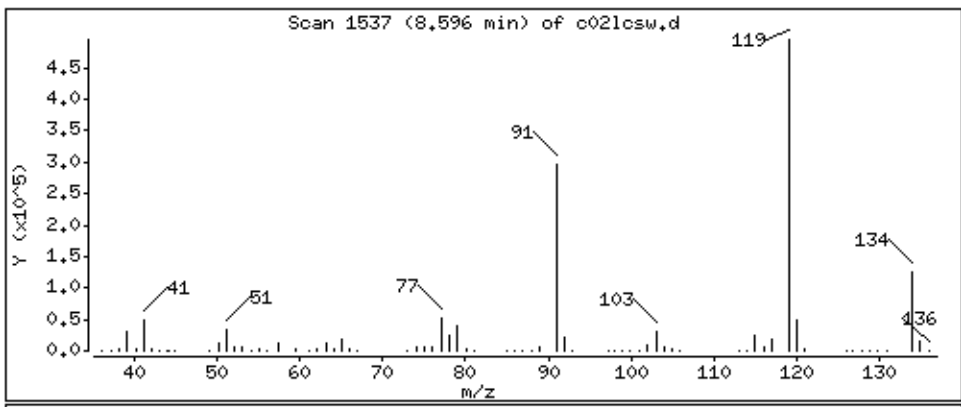
Column phase: DB-624

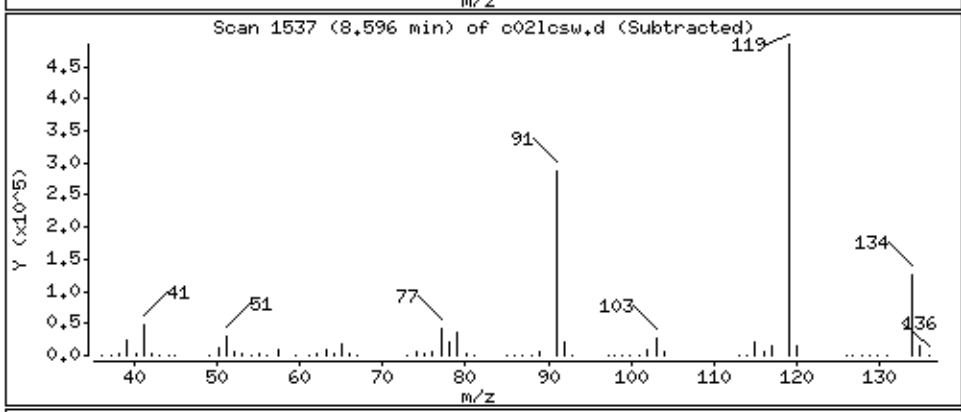
Column diameter: 0.18

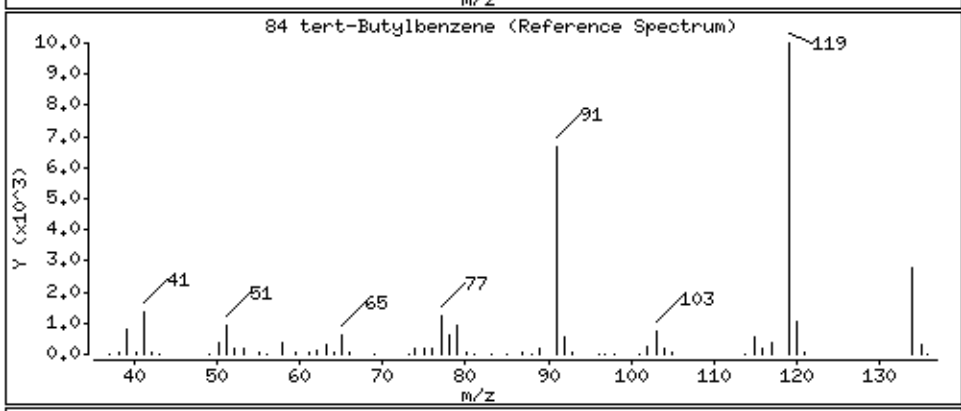
84 tert-Butylbenzene

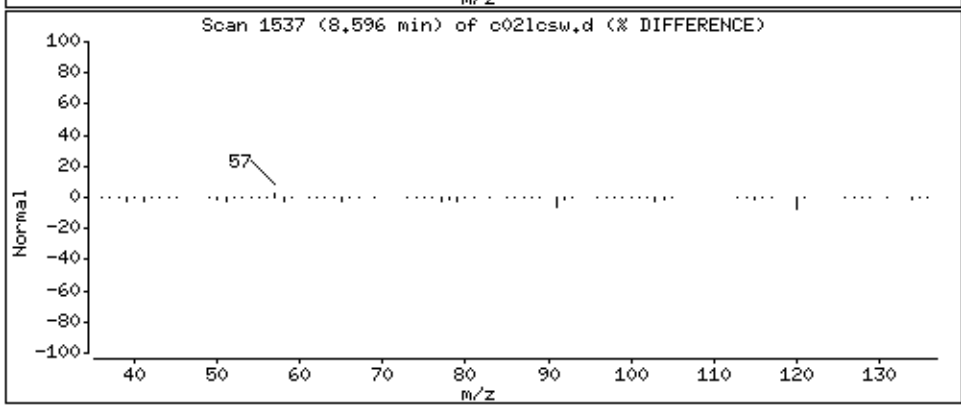
Concentration: 34.1 ppb

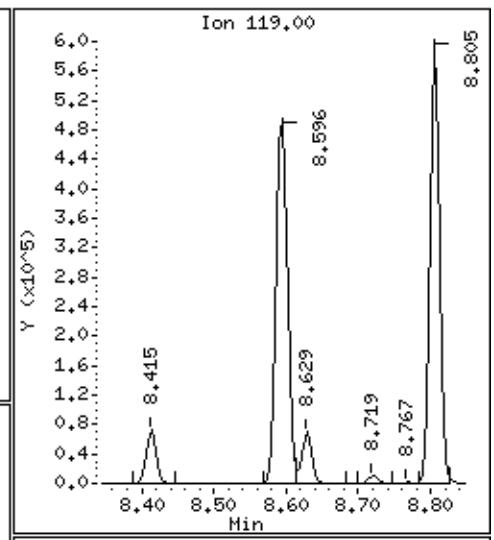
Review Code:

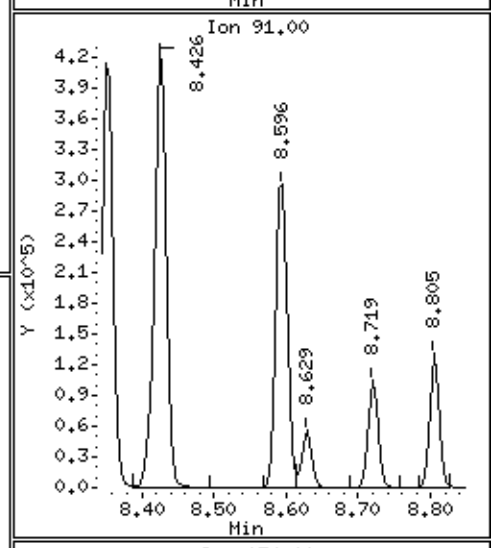


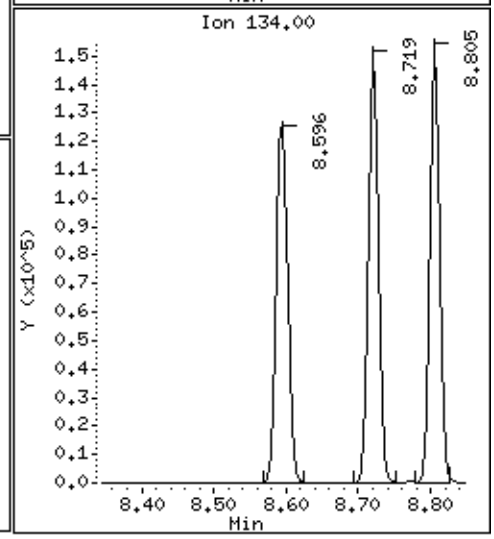












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

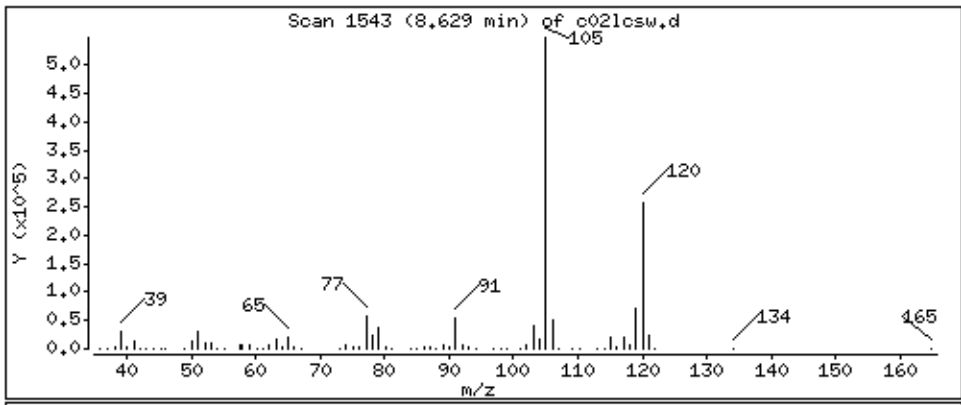
Column phase: DB-624

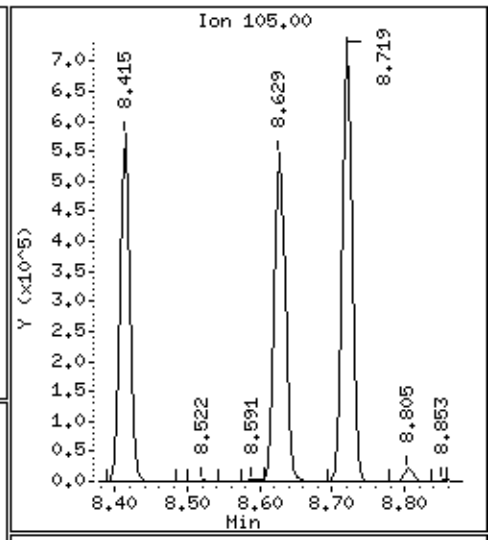
Column diameter: 0.18

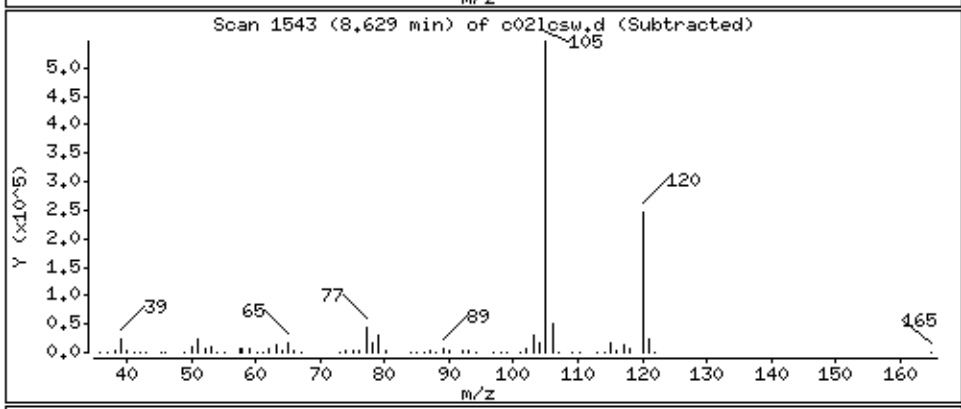
85 1,2,4-Trimethylbenzene

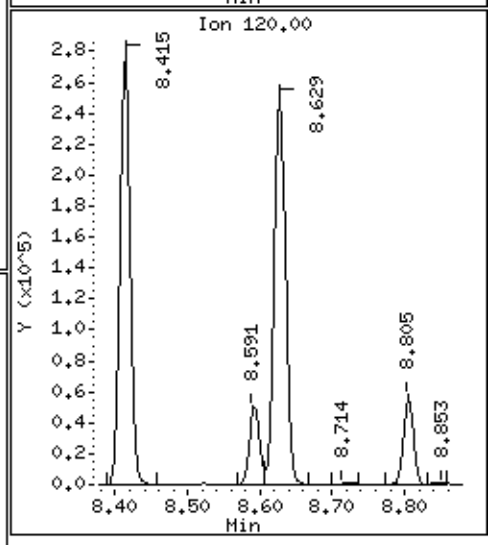
Concentration: 42.8 ppb

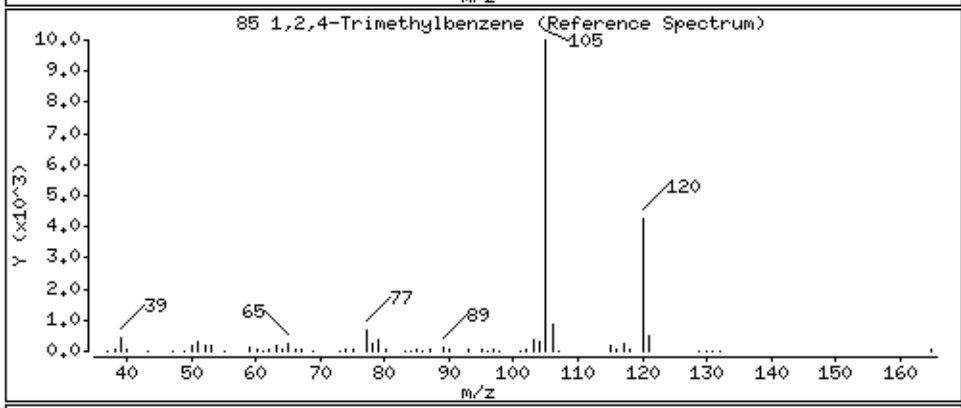
Review Code:

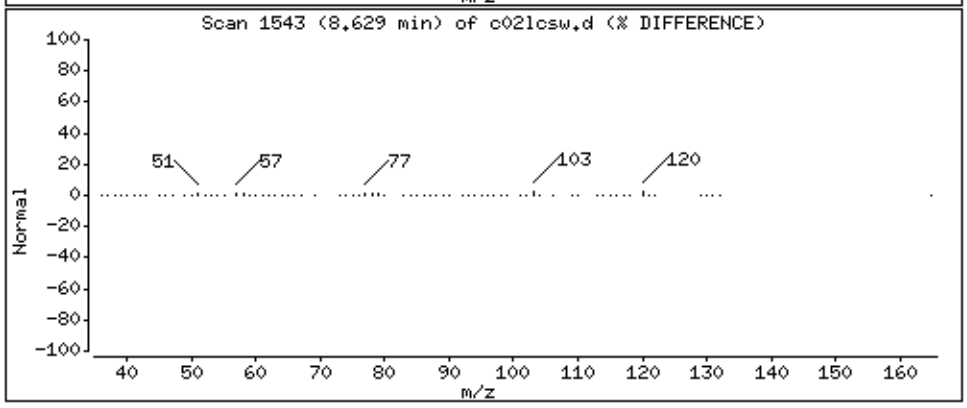












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

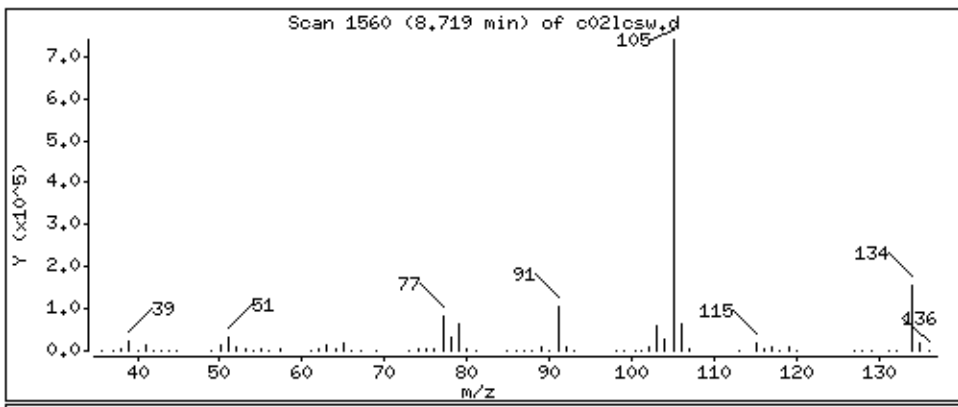
Column phase: DB-624

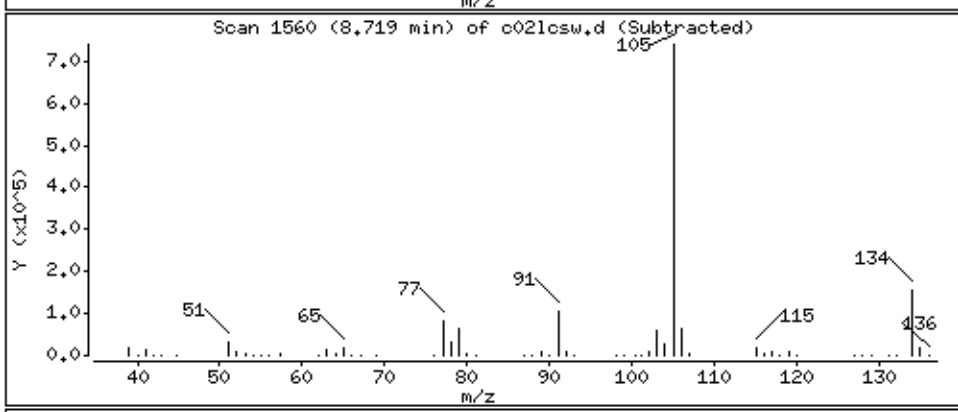
Column diameter: 0.18

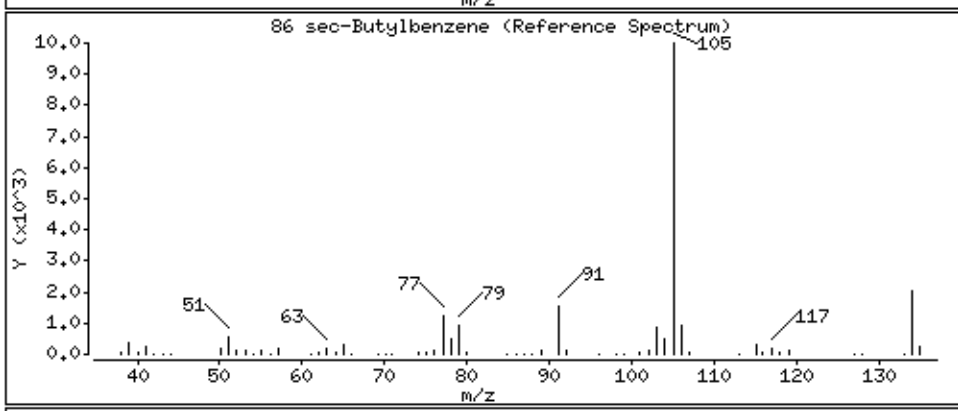
86 sec-Butylbenzene

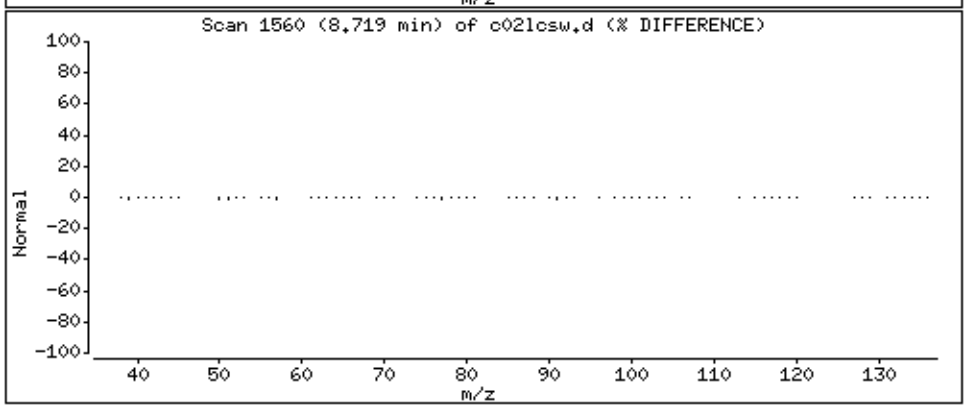
Concentration: 43.3 ppb

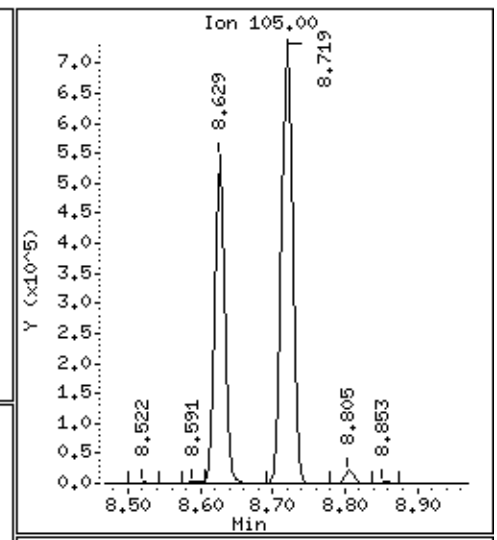
Review Code:

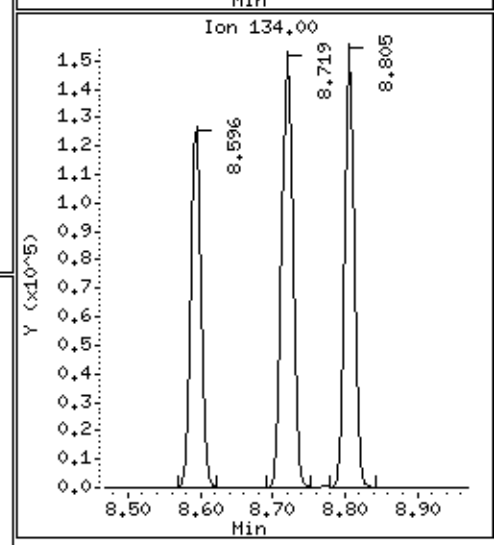












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

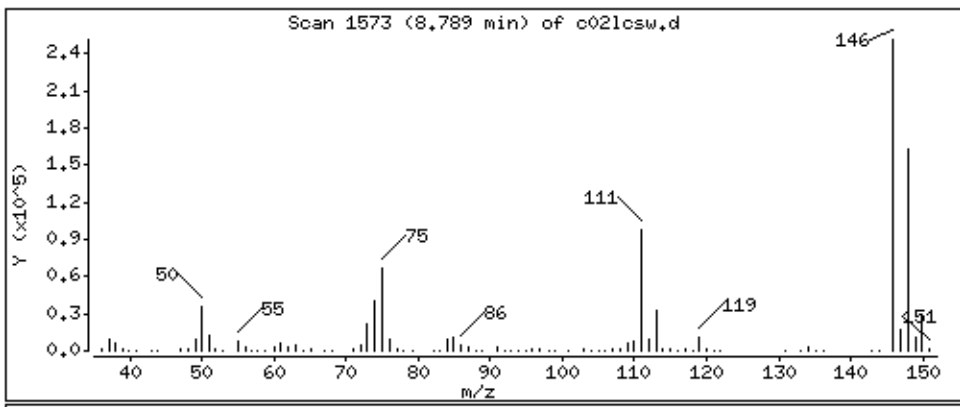
Column phase: DB-624

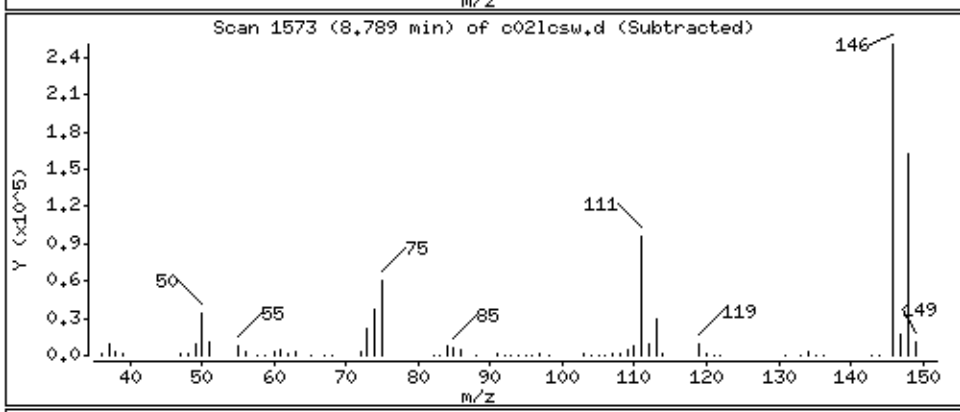
Column diameter: 0.18

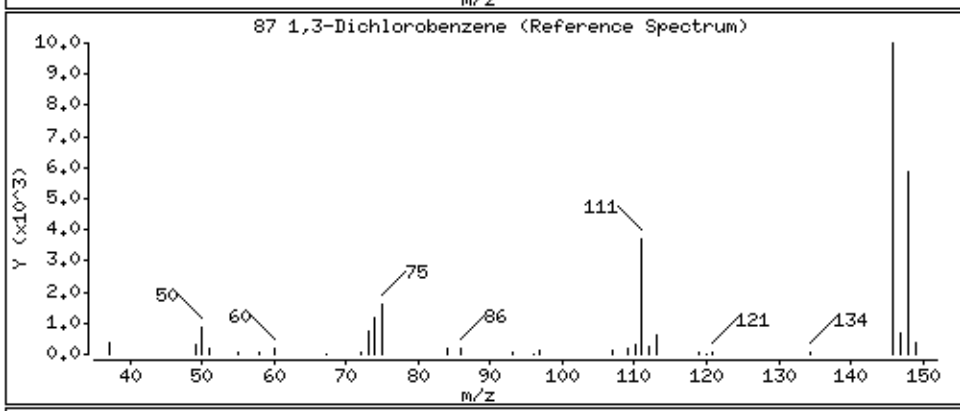
87 1,3-Dichlorobenzene

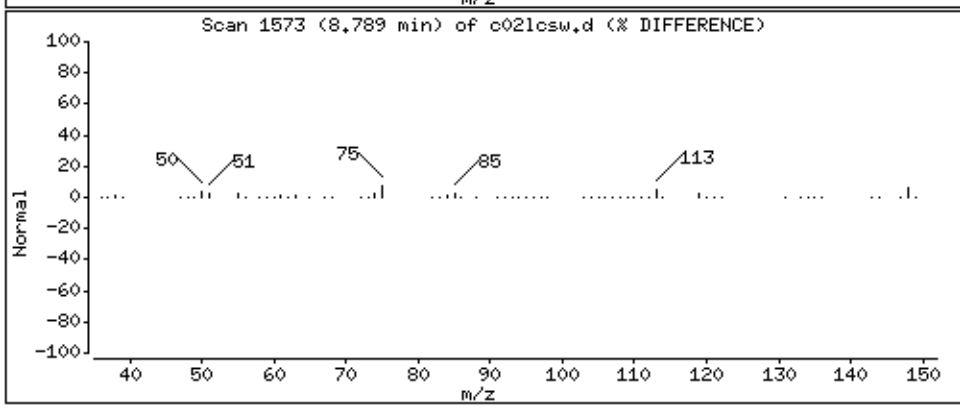
Concentration: 44.2 ppb

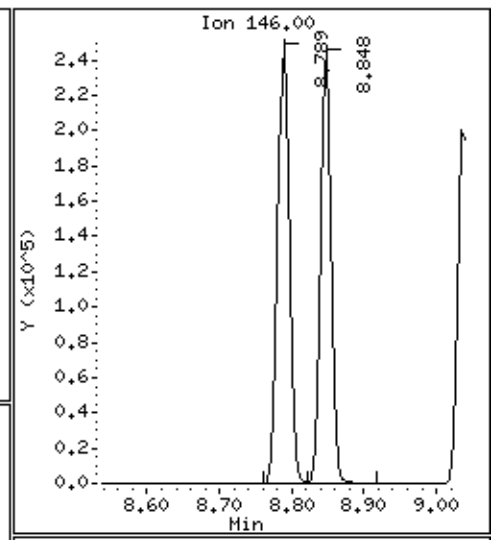
Review Code:

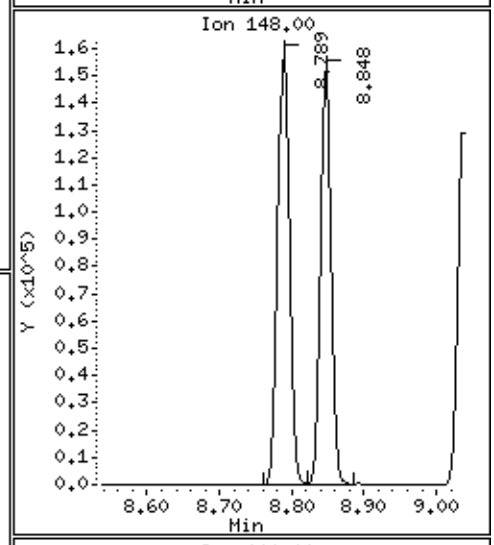


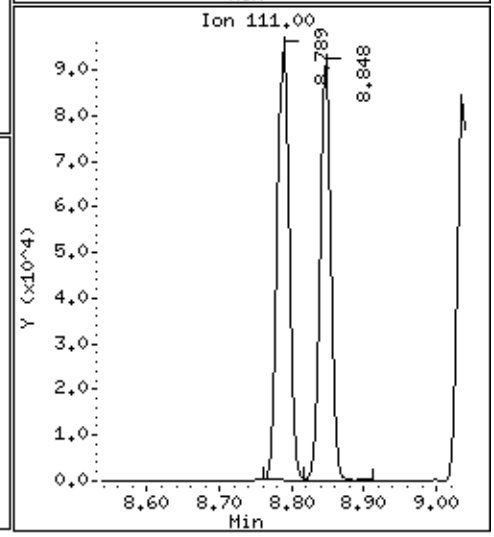












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

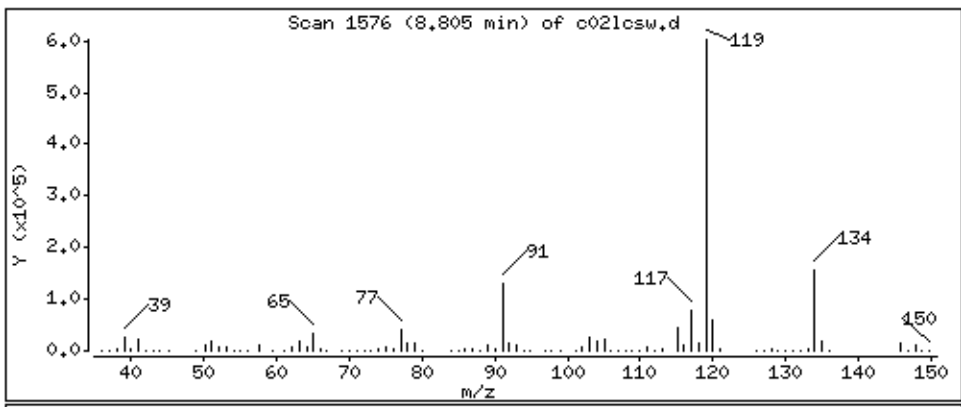
Column phase: DB-624

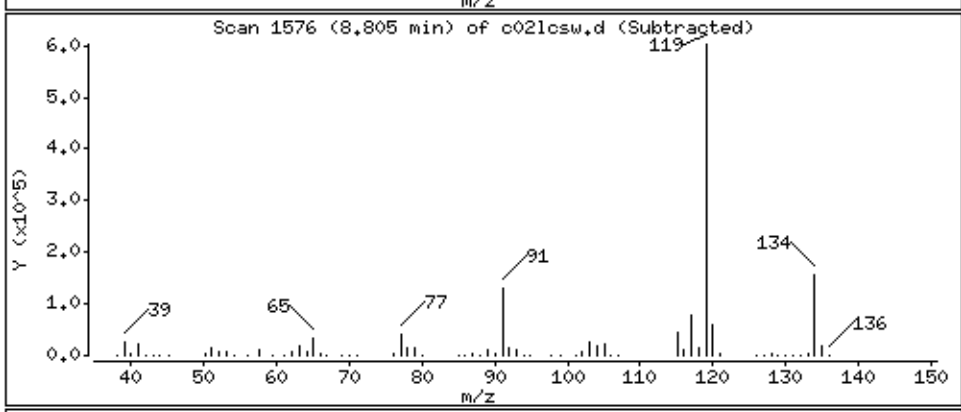
Column diameter: 0.18

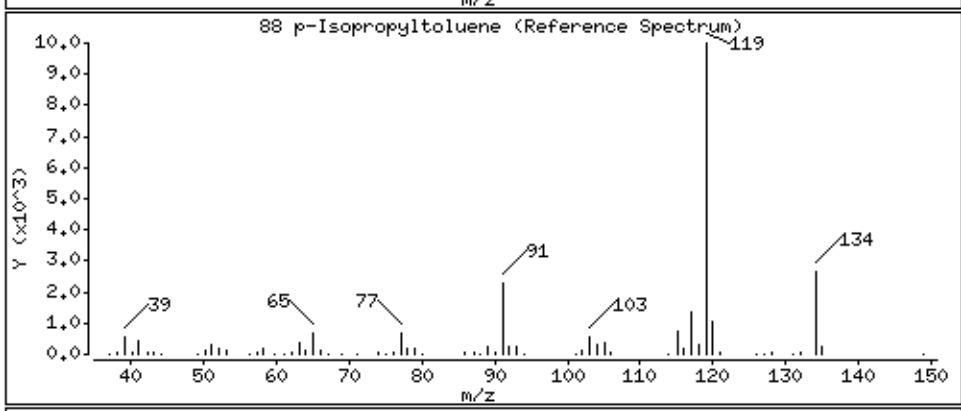
88 p-Isopropyltoluene

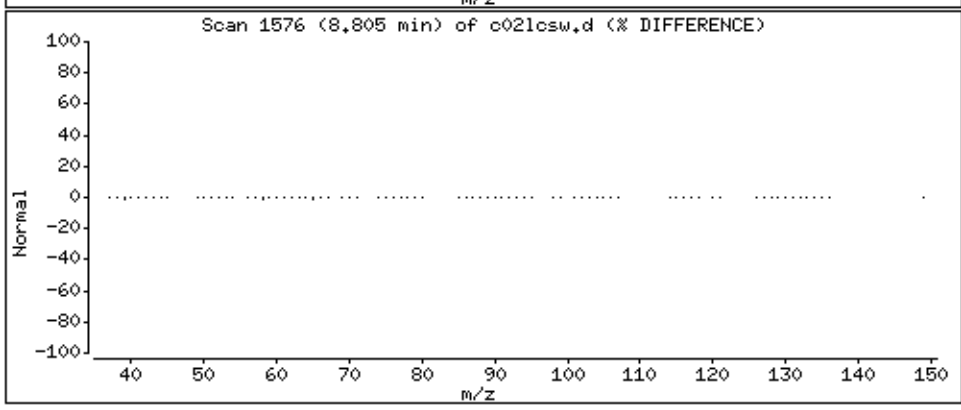
Concentration: 42.9 ppb

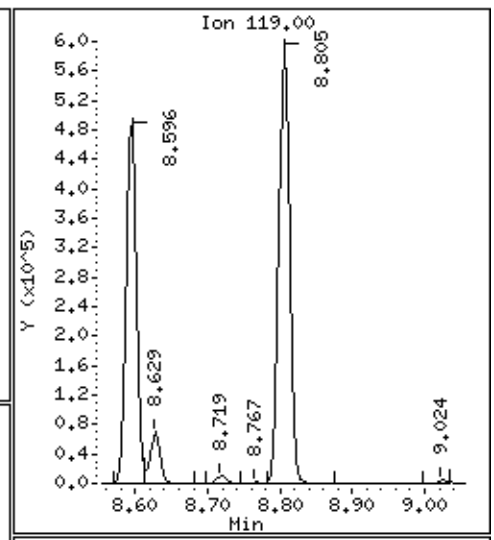
Review Code:

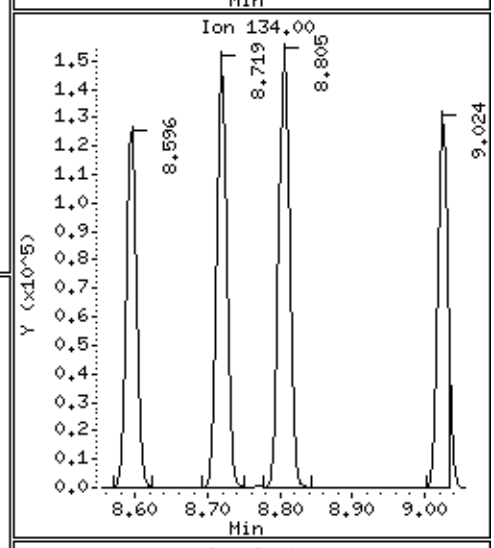


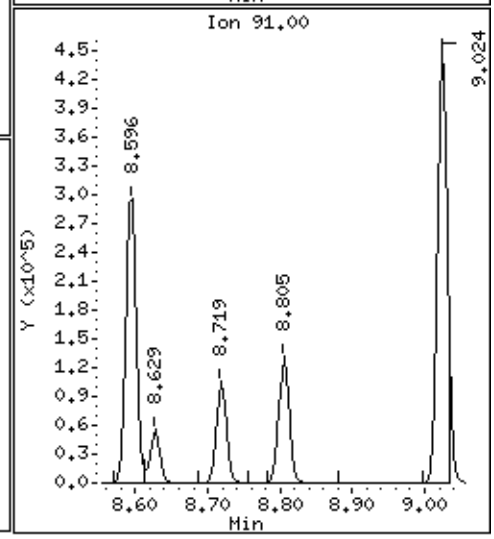












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

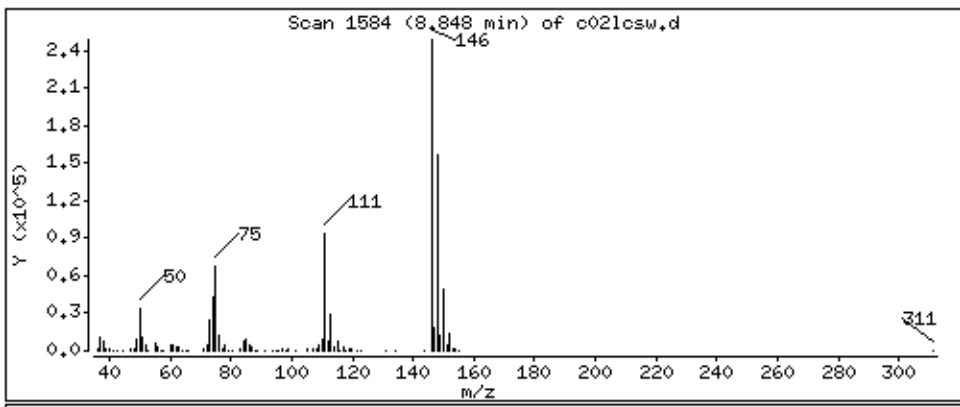
Column phase: DB-624

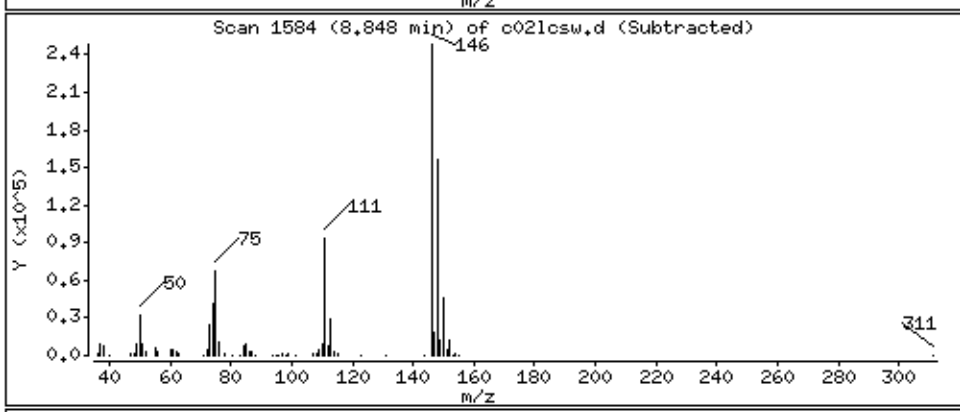
Column diameter: 0.18

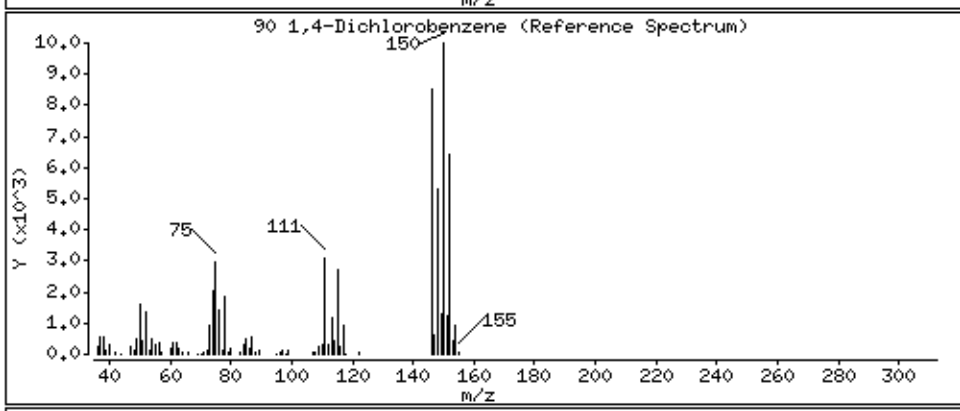
90 1,4-Dichlorobenzene

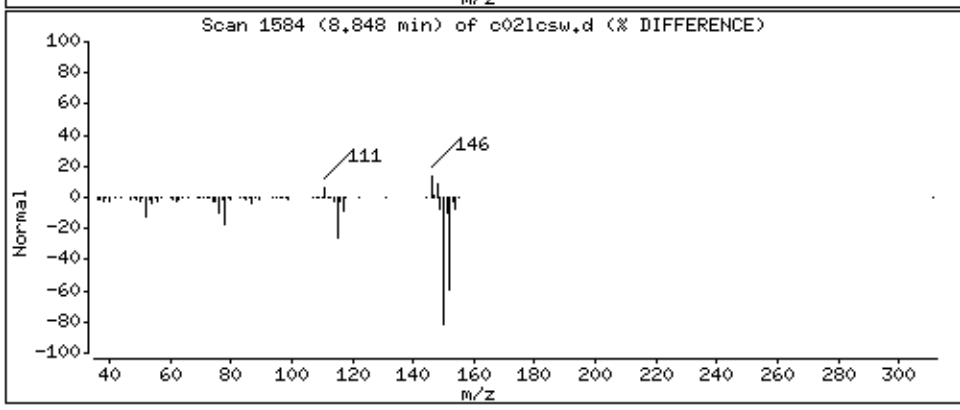
Concentration: 44.6 ppb

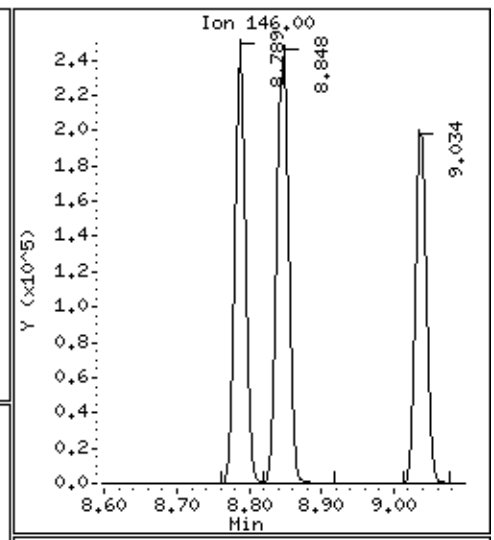
Review Code:

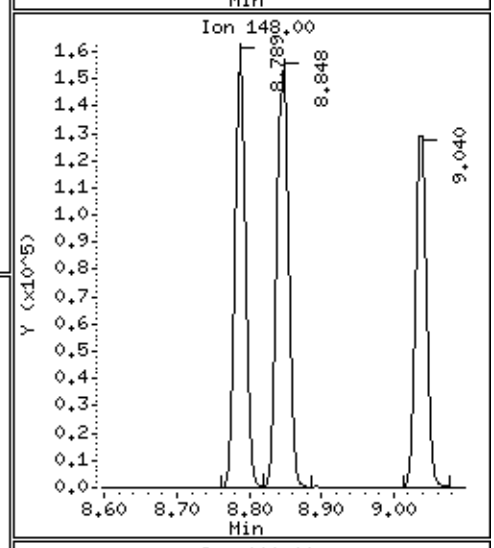


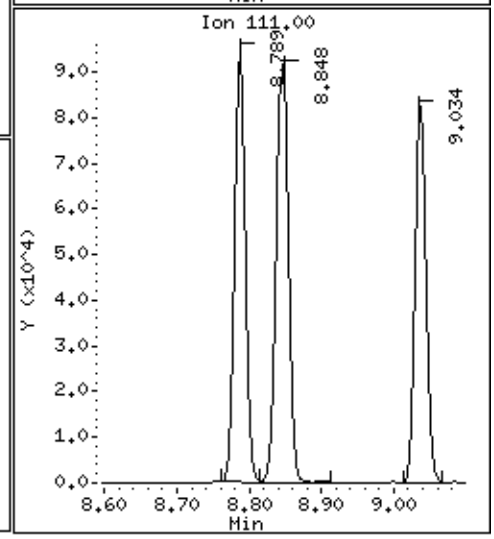












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

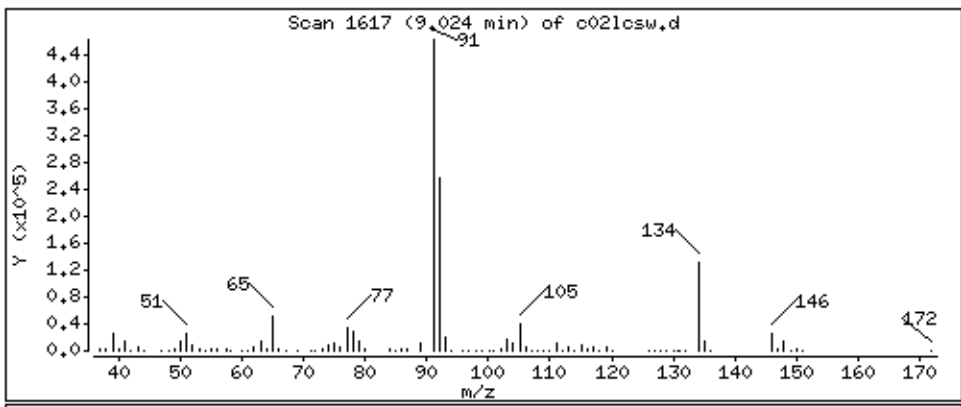
Column phase: DB-624

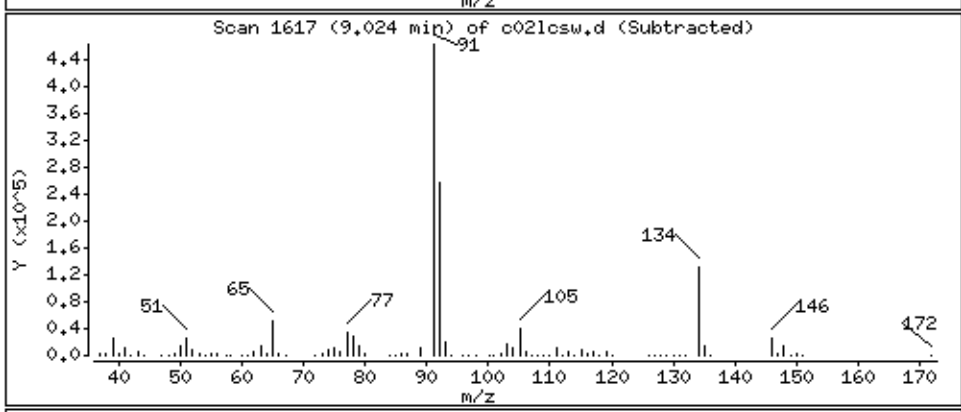
Column diameter: 0.18

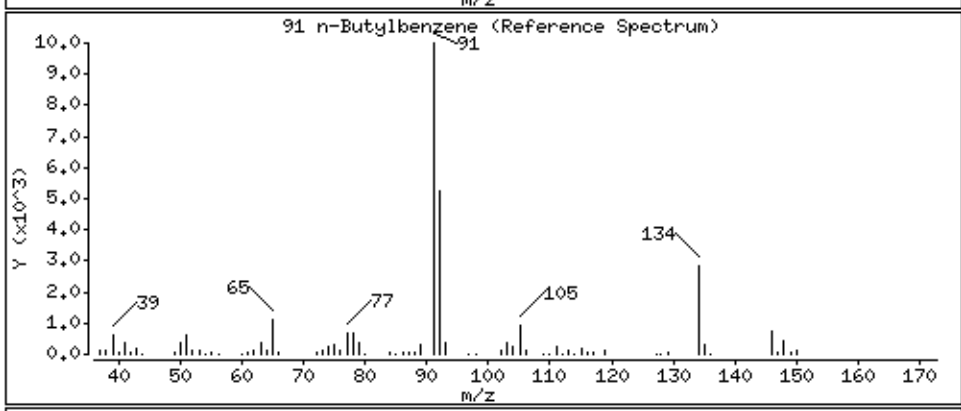
91 n-Butylbenzene

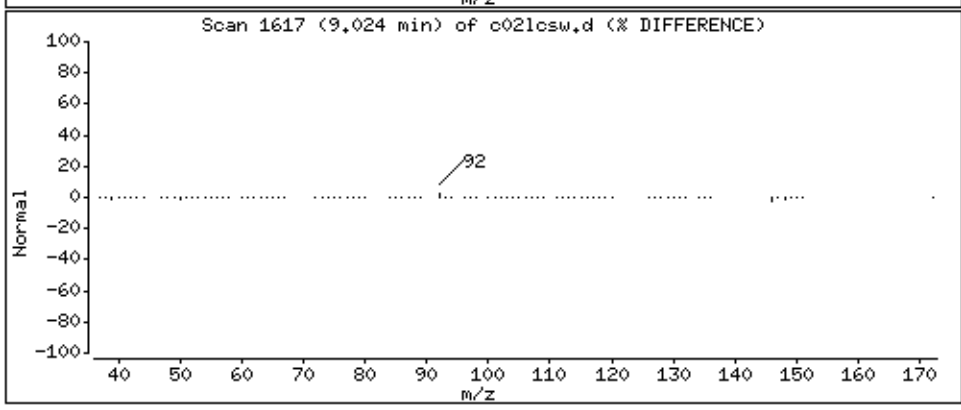
Concentration: 40.0 ppb

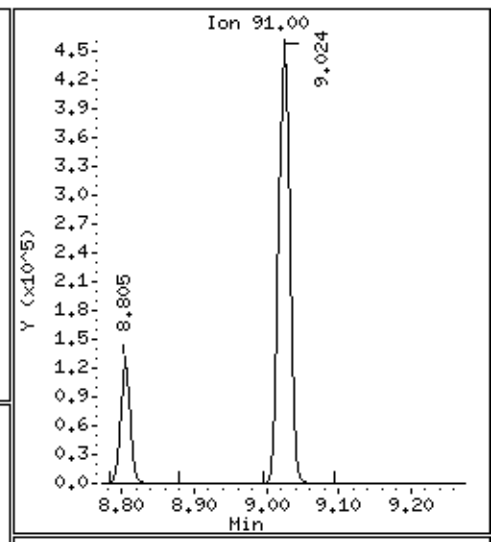
Review Code:

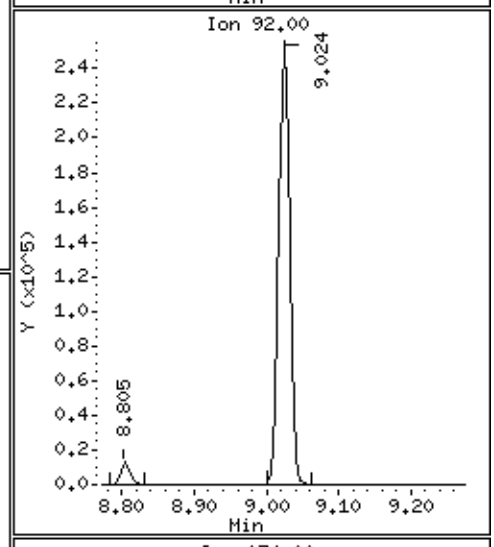


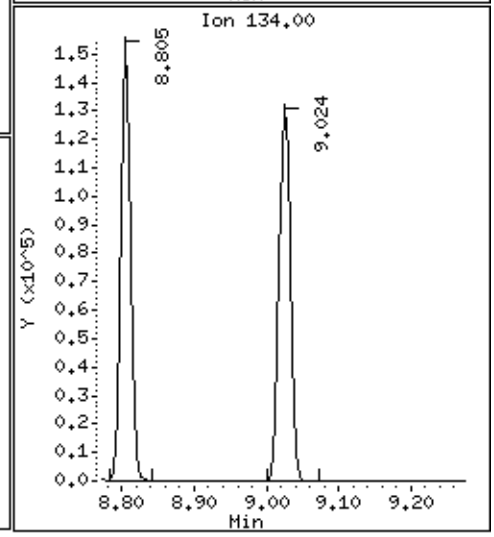












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

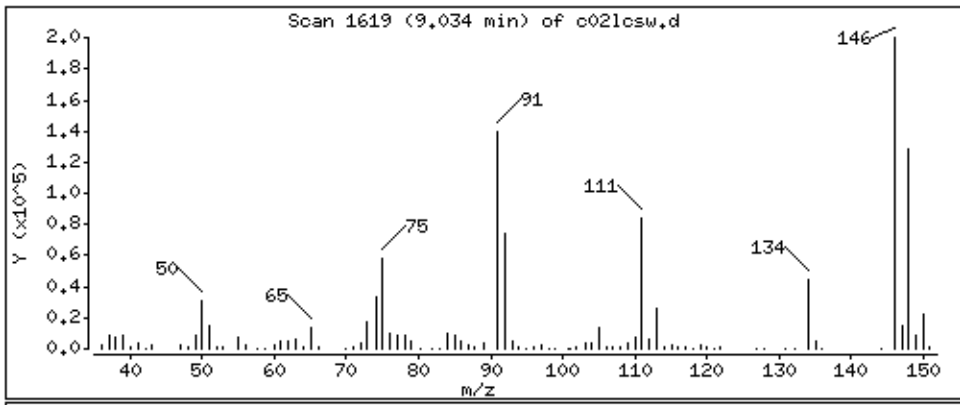
Column phase: DB-624

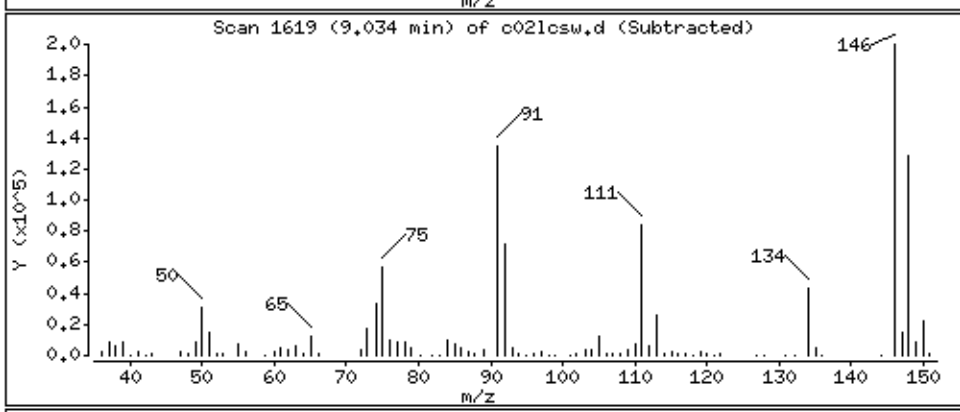
Column diameter: 0.18

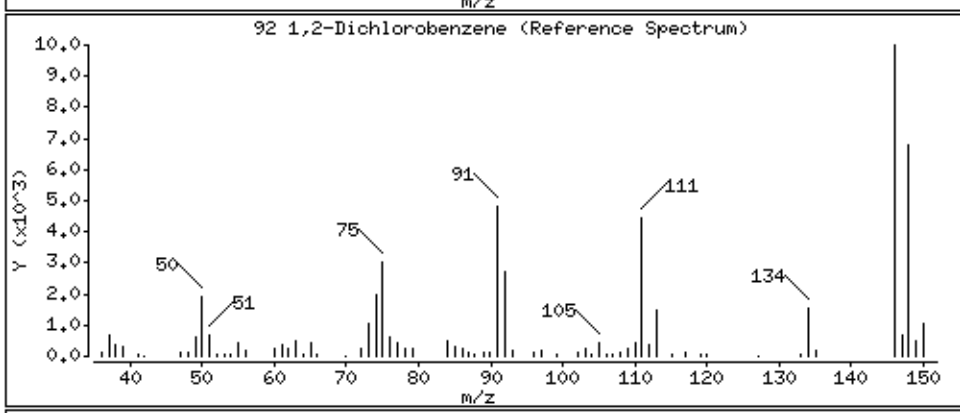
92 1,2-Dichlorobenzene

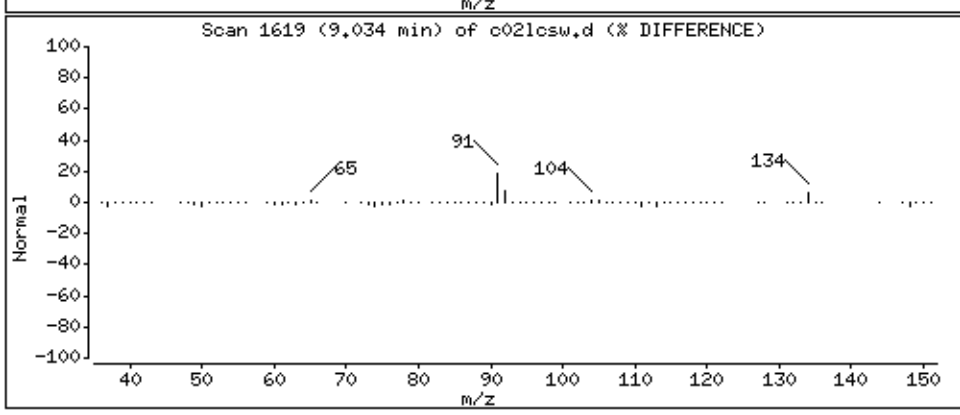
Concentration: 45.4 ppb

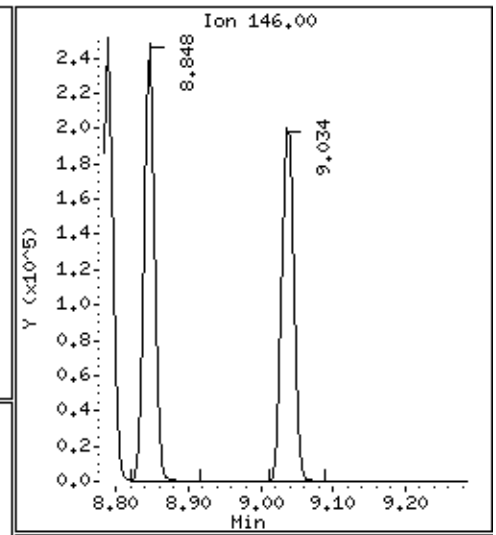
Review Code:

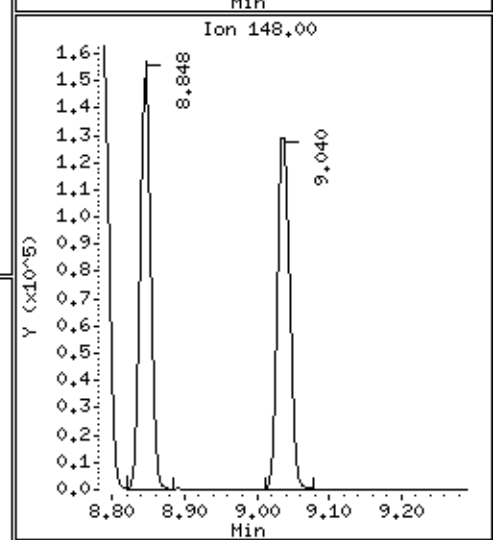


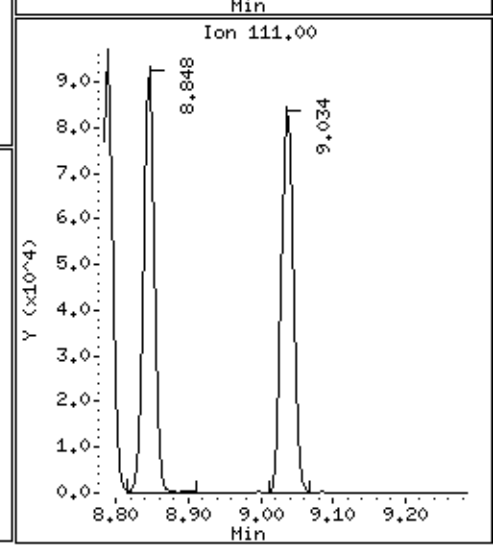












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

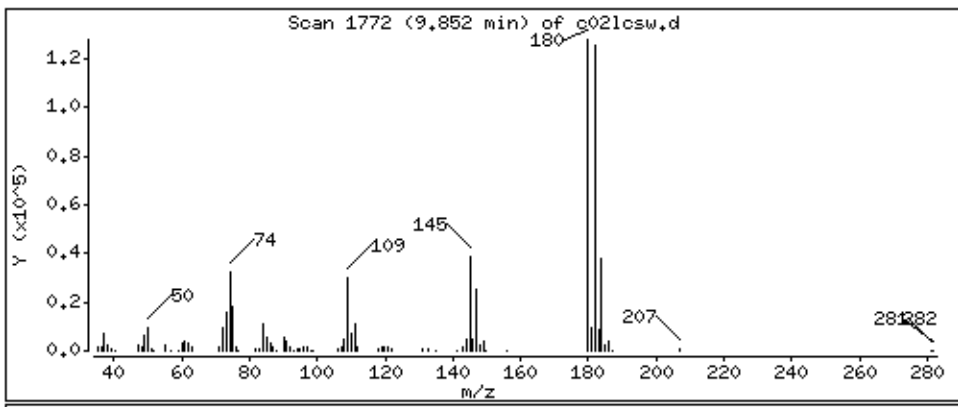
Column phase: DB-624

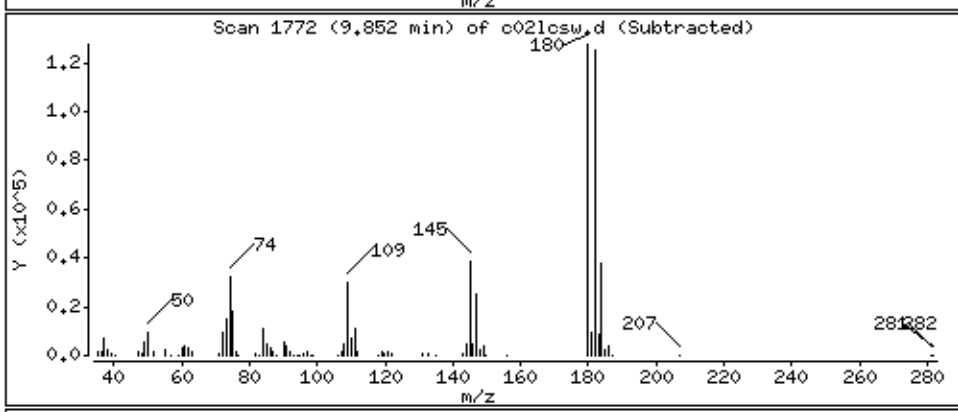
Column diameter: 0.18

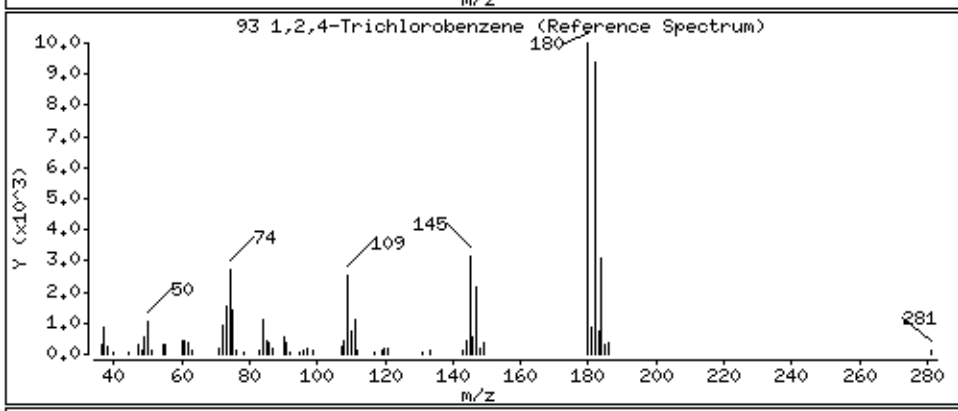
93 1,2,4-Trichlorobenzene

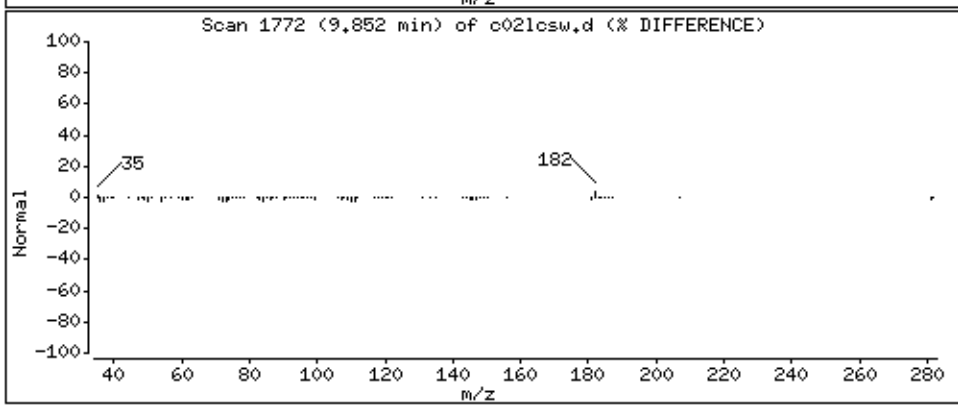
Concentration: 41.0 ppb

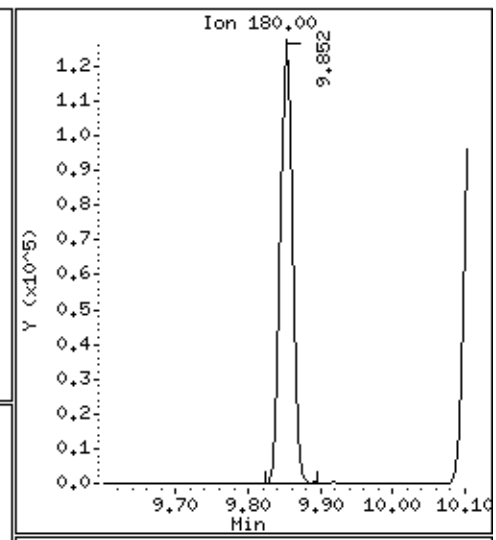
Review Code:

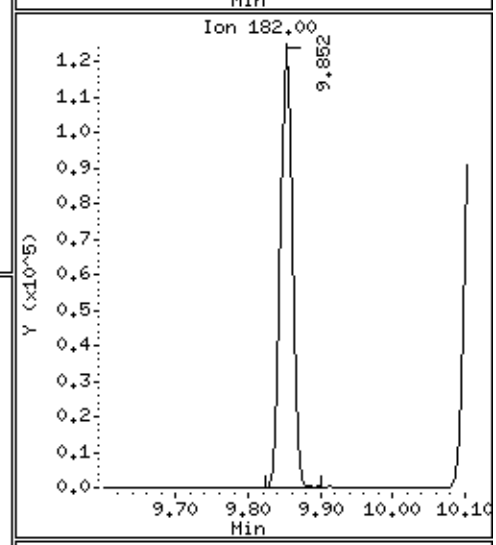


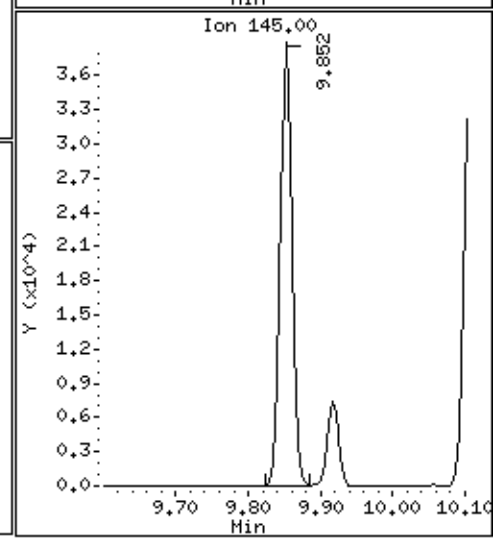












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Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

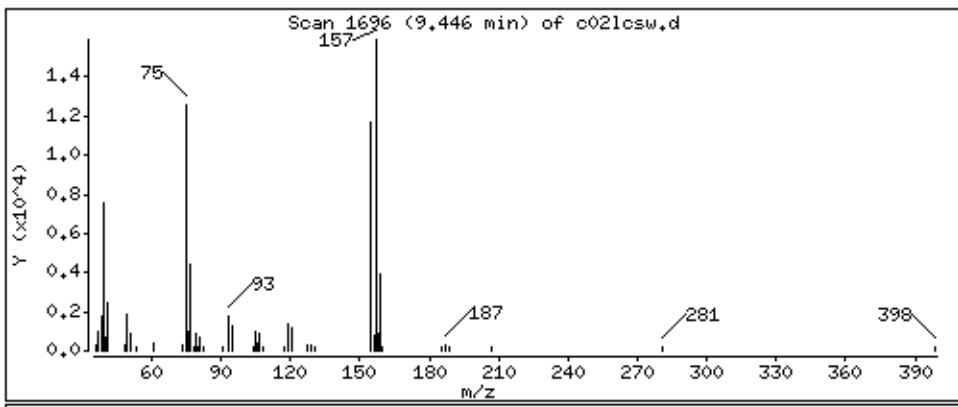
Column phase: DB-624

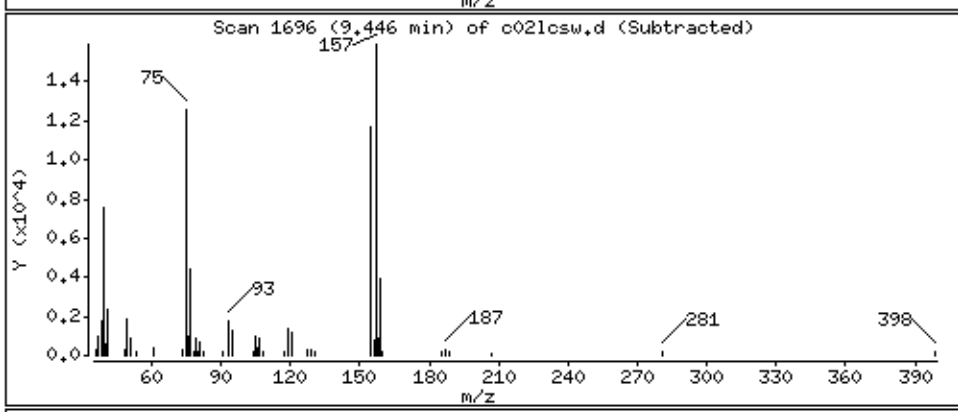
Column diameter: 0.18

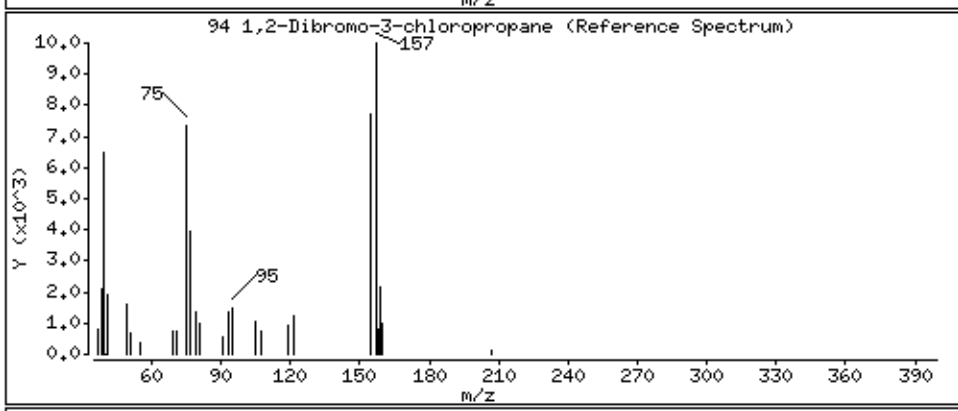
94 1,2-Dibromo-3-chloropropane

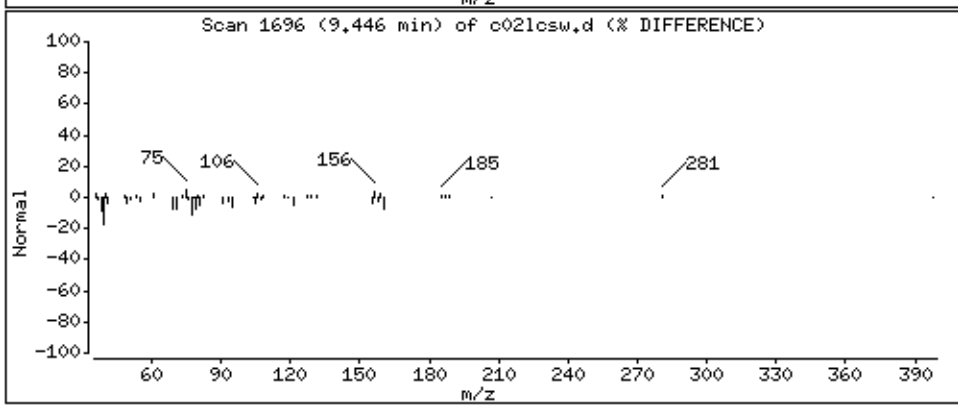
Concentration: 43.8 ppb

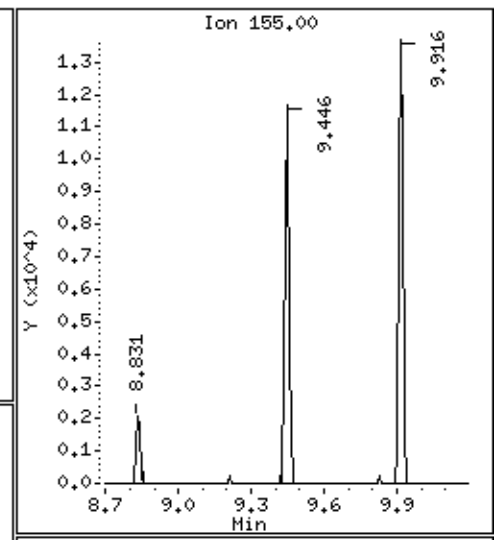
Review Code:

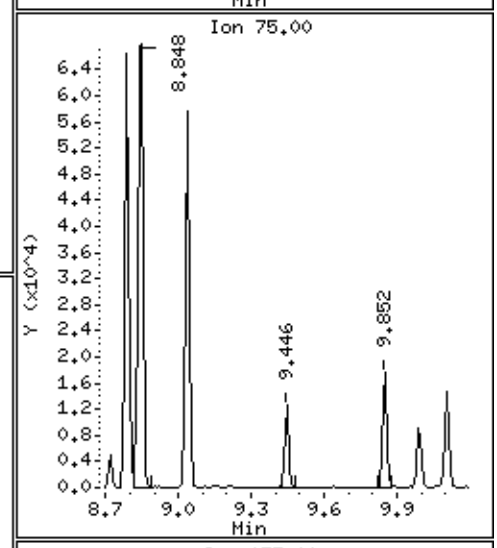


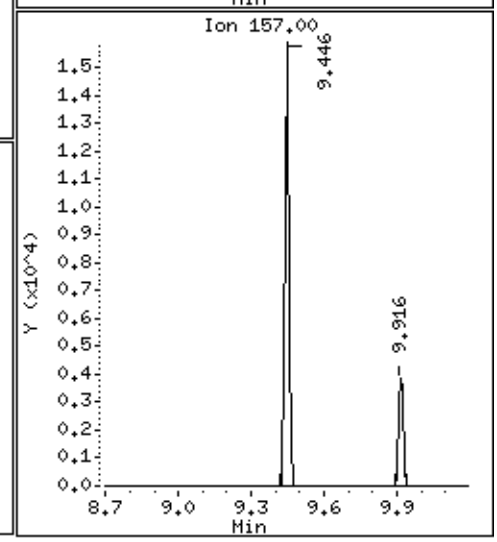












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

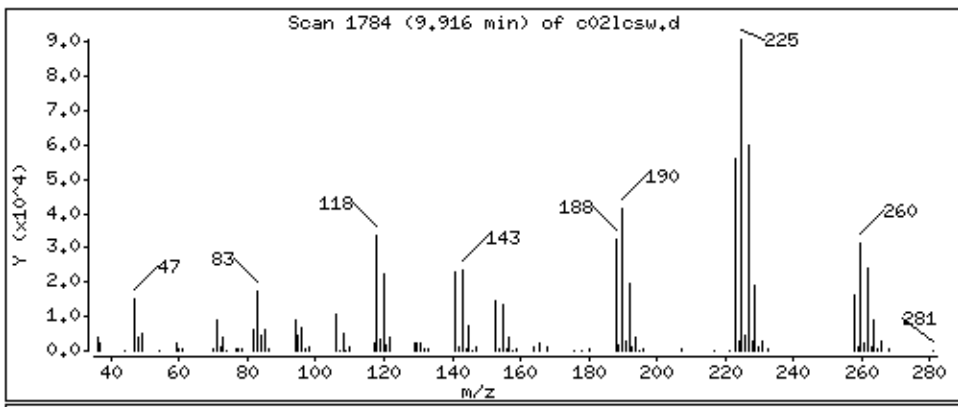
Column phase: DB-624

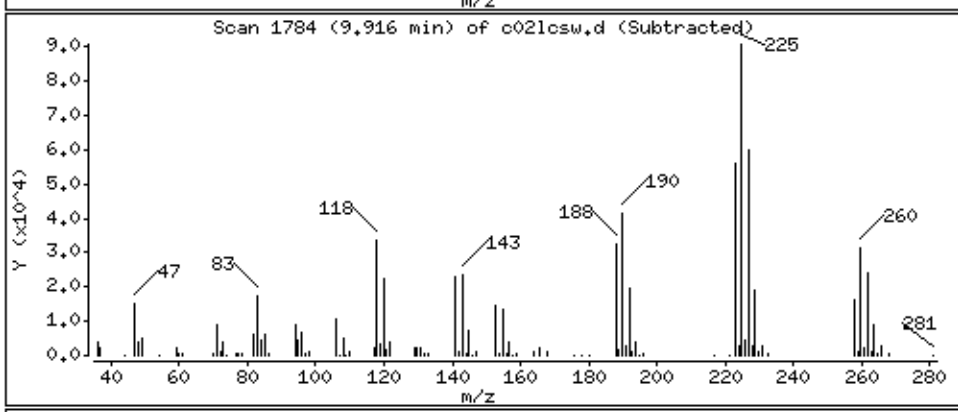
Column diameter: 0.18

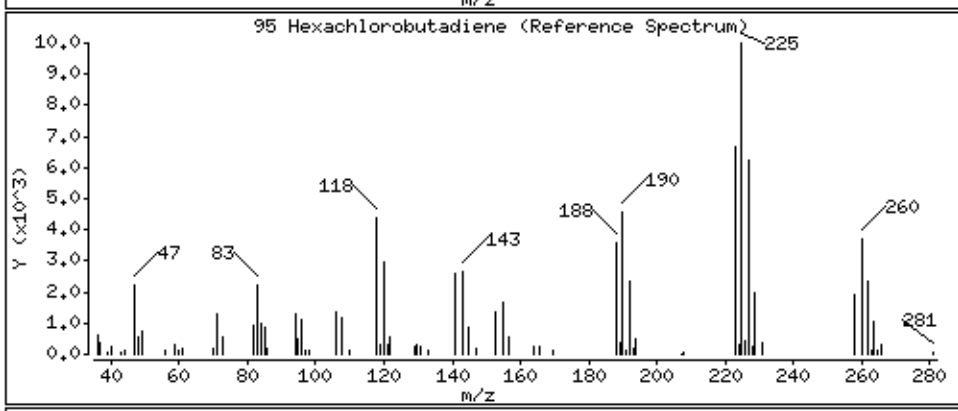
95 Hexachlorobutadiene

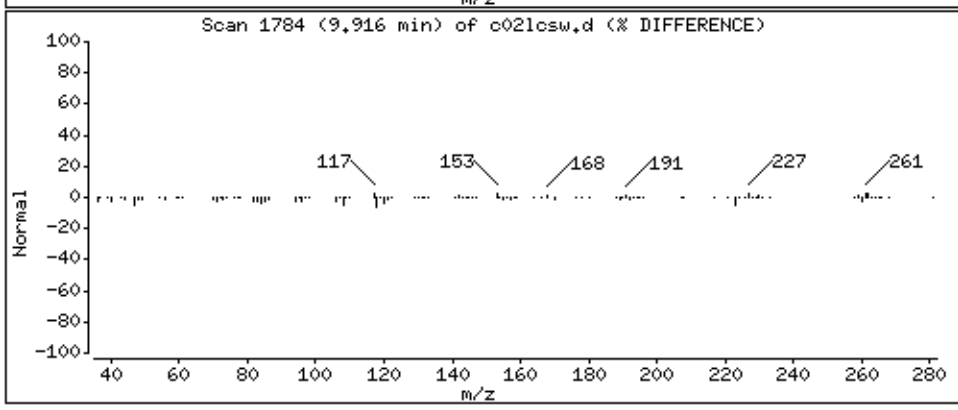
Concentration: 44.4 ppb

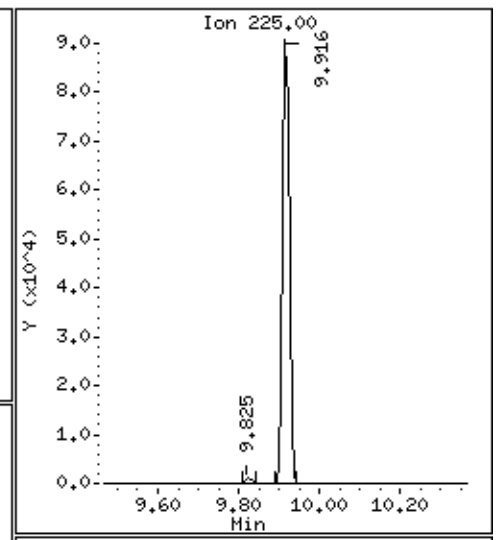
Review Code:

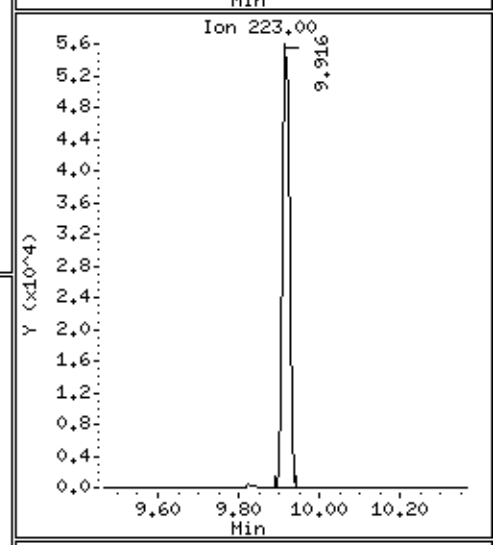


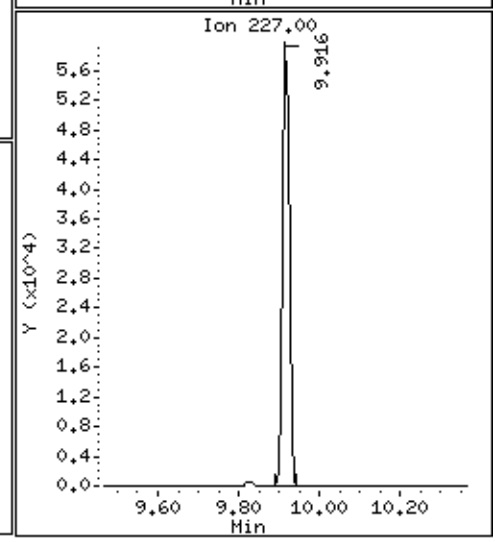












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

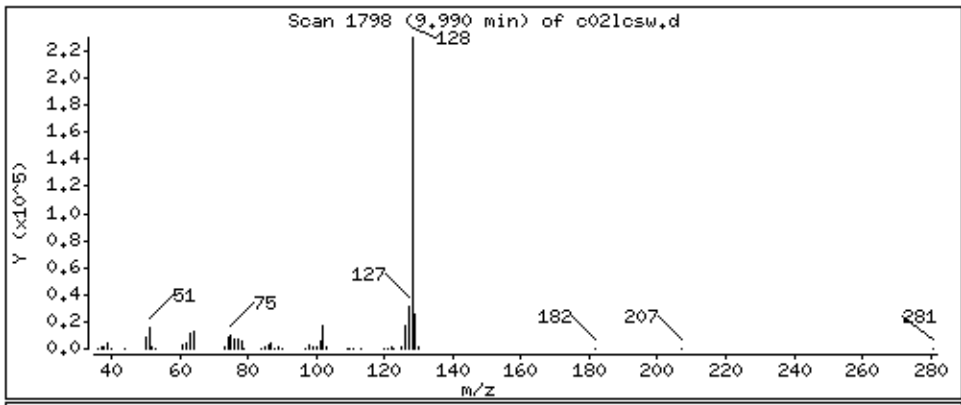
Column phase: DB-624

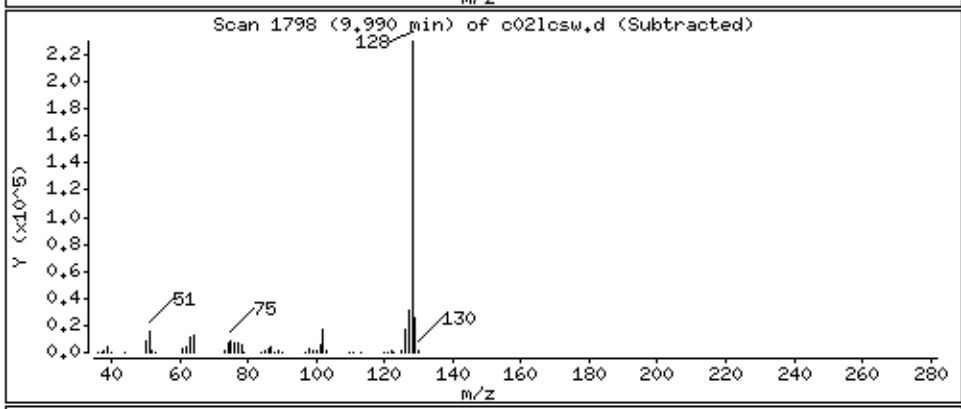
Column diameter: 0.18

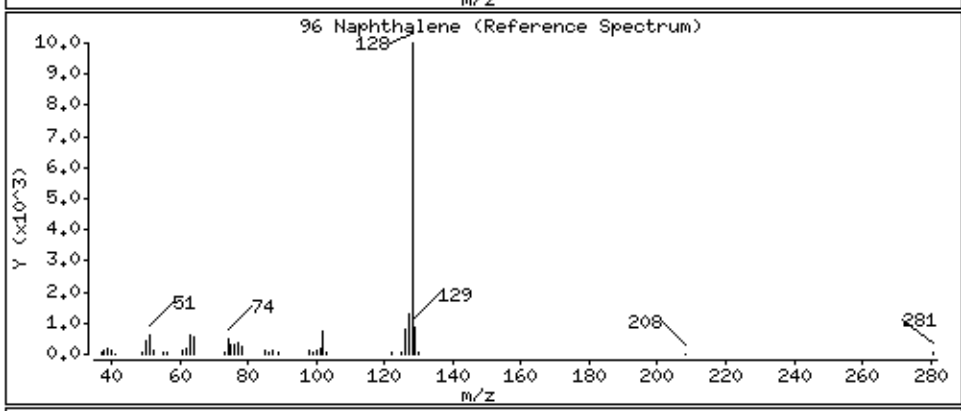
96 Naphthalene

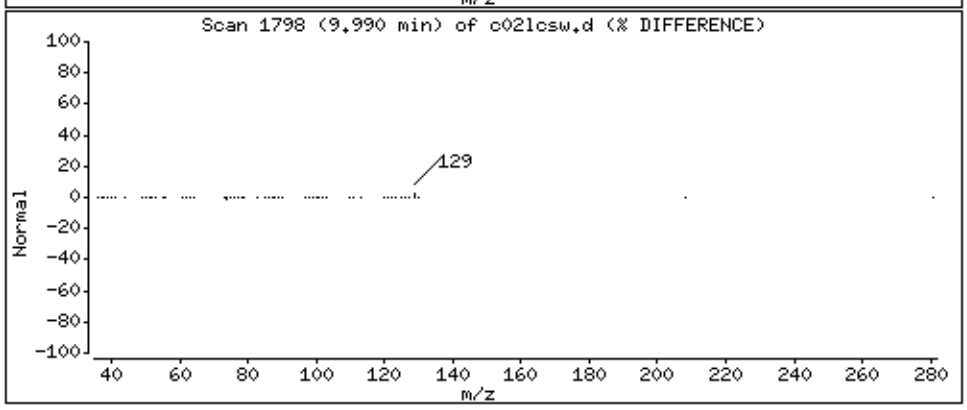
Concentration: 41.0 ppb

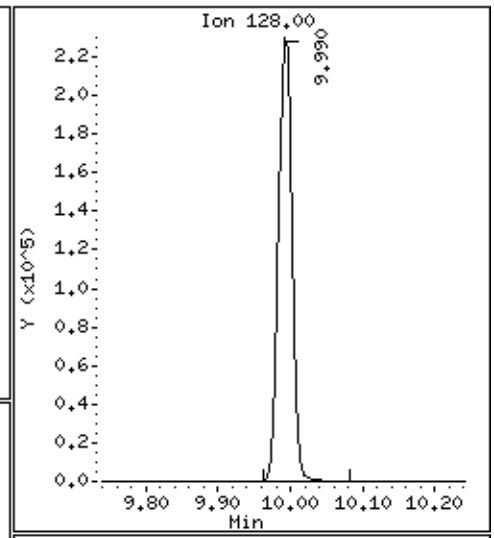
Review Code:

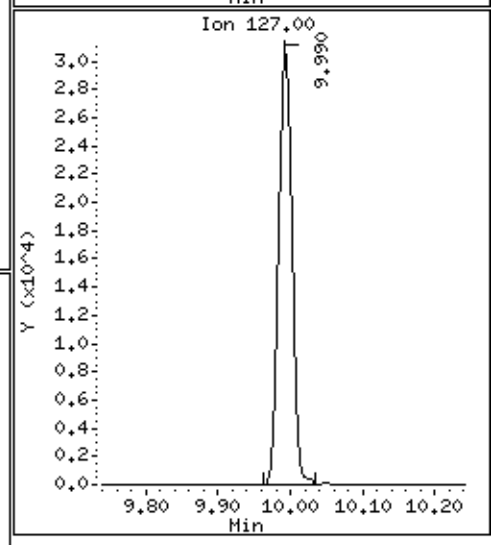












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

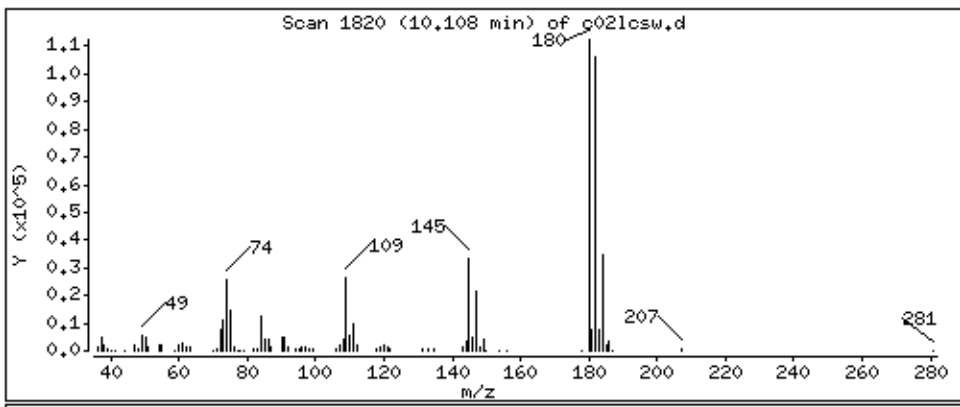
Column phase: DB-624

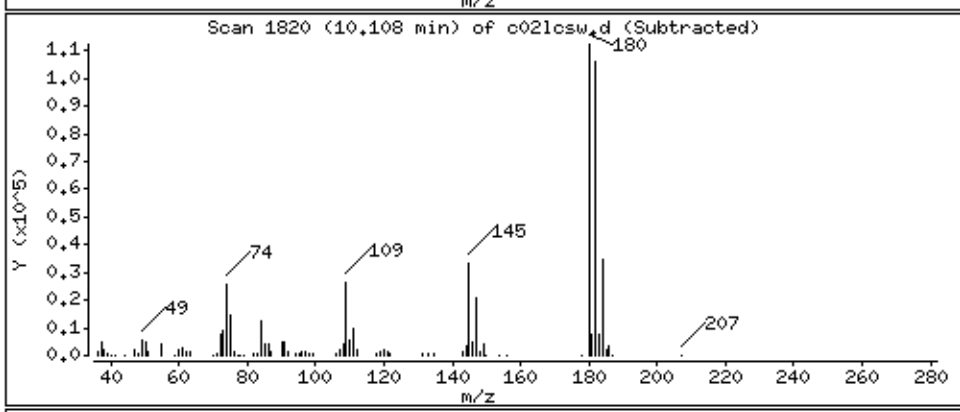
Column diameter: 0.18

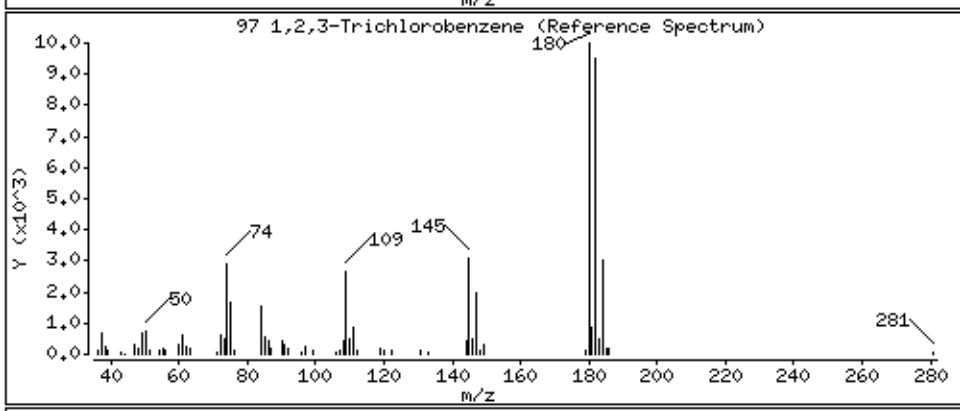
97 1,2,3-Trichlorobenzene

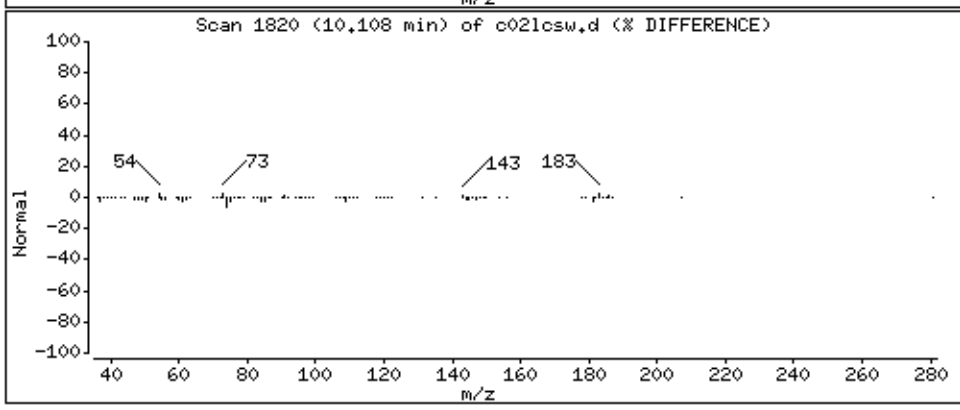
Concentration: 42.2 ppb

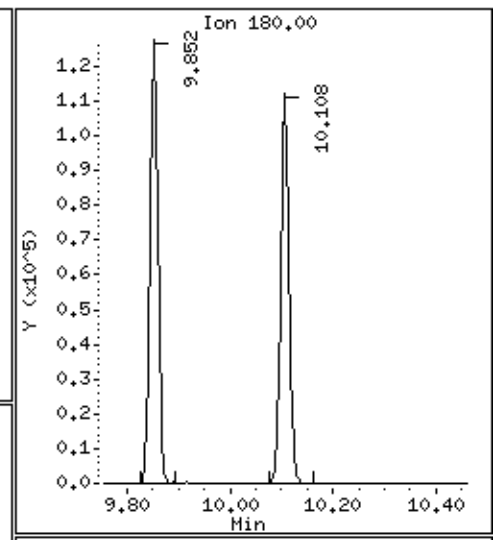
Review Code:

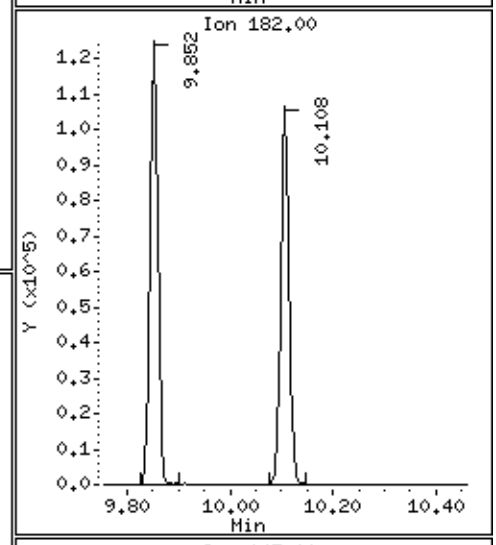


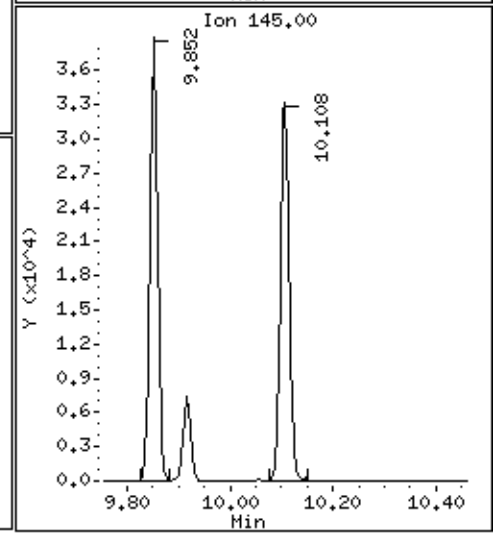












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

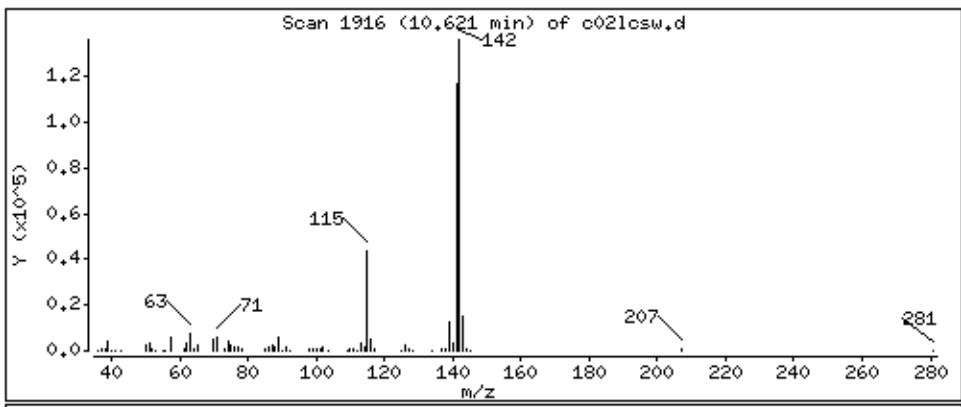
Column phase: DB-624

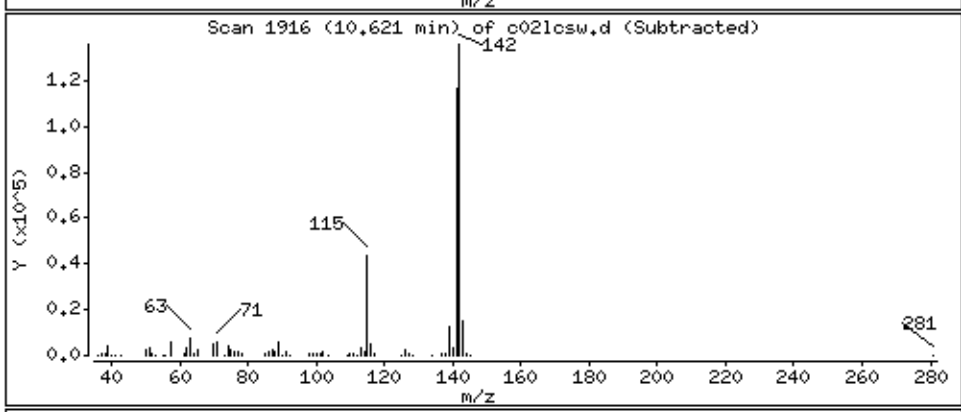
Column diameter: 0.18

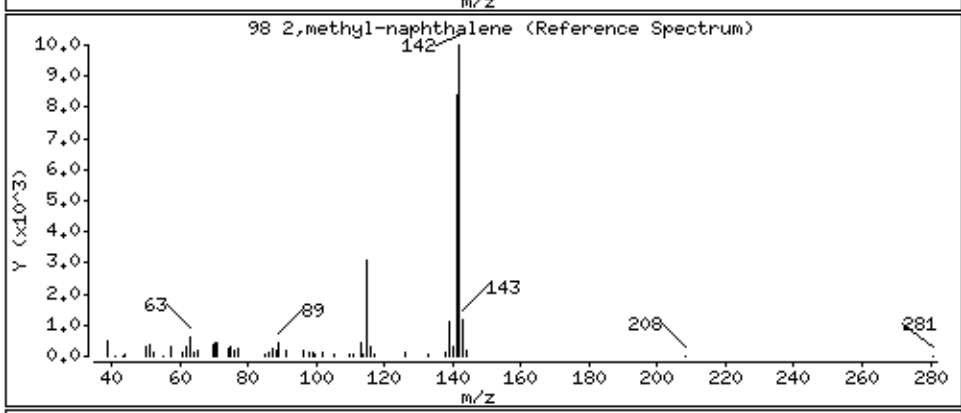
98 2,methyl-naphthalene

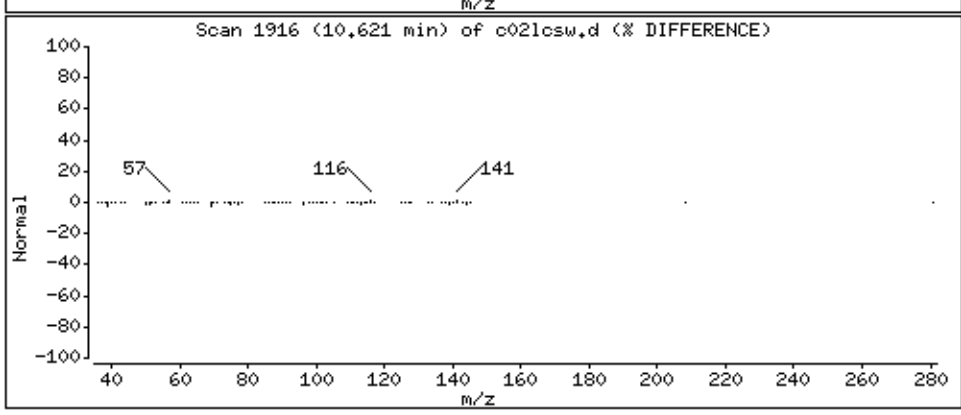
Concentration: 43.1 ppb

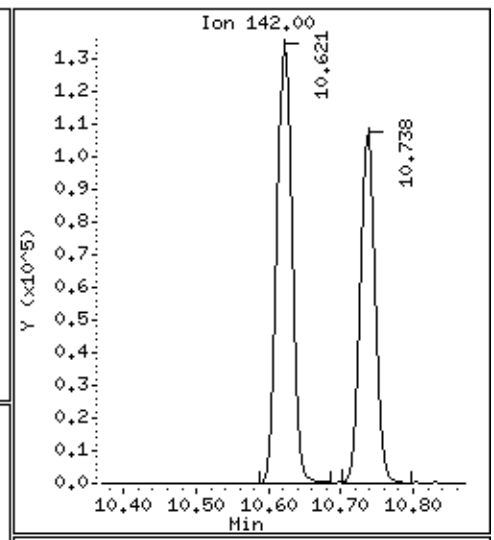
Review Code:

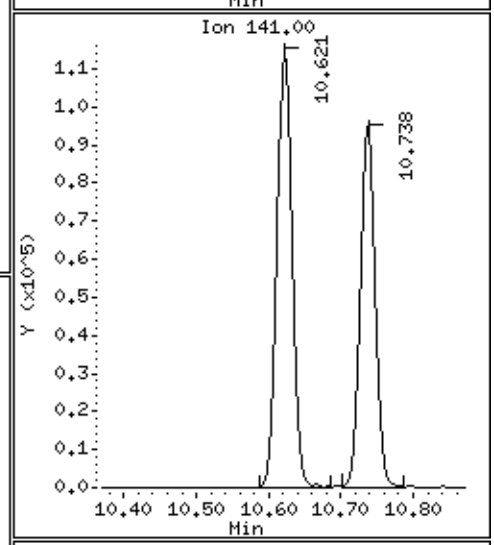


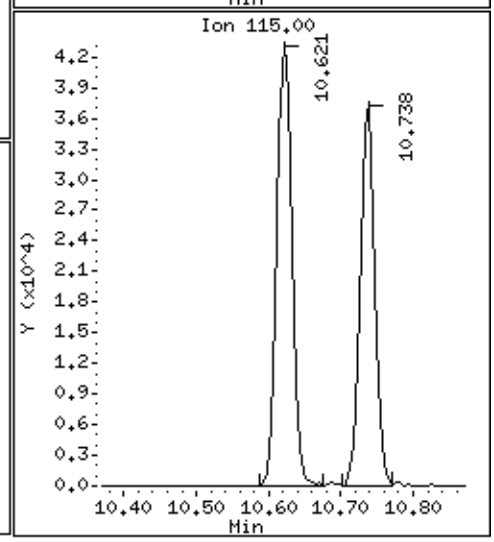












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c02lcsw.d

Date : 05-OCT-2017 22:56

Client ID: MBLCS

Instrument: 50mv3a.i

Sample Info: 1882364,159793:5

Purge Volume: 5.0

Operator: jlz

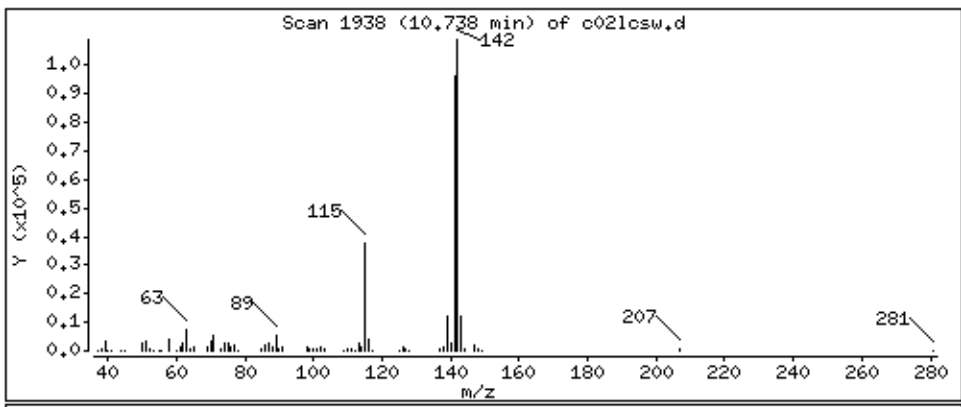
Column phase: DB-624

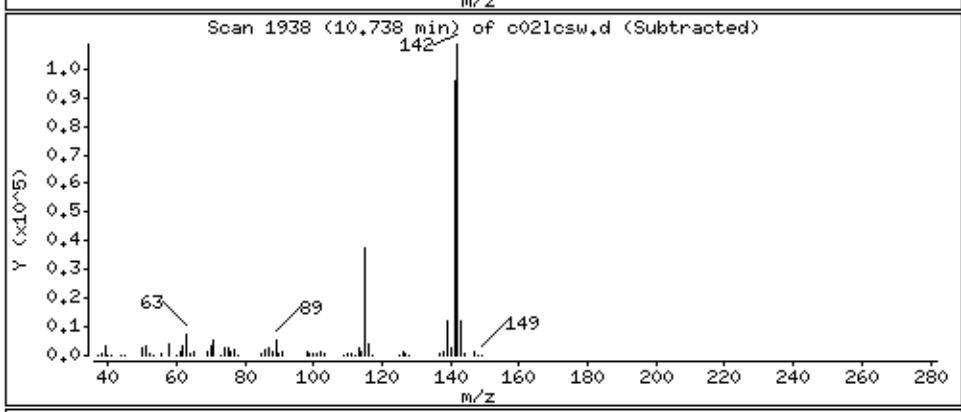
Column diameter: 0.18

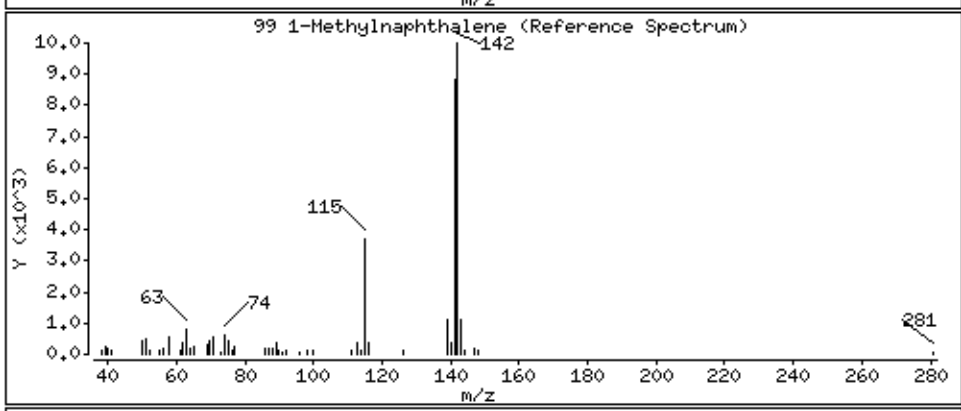
99 1-Methylnaphthalene

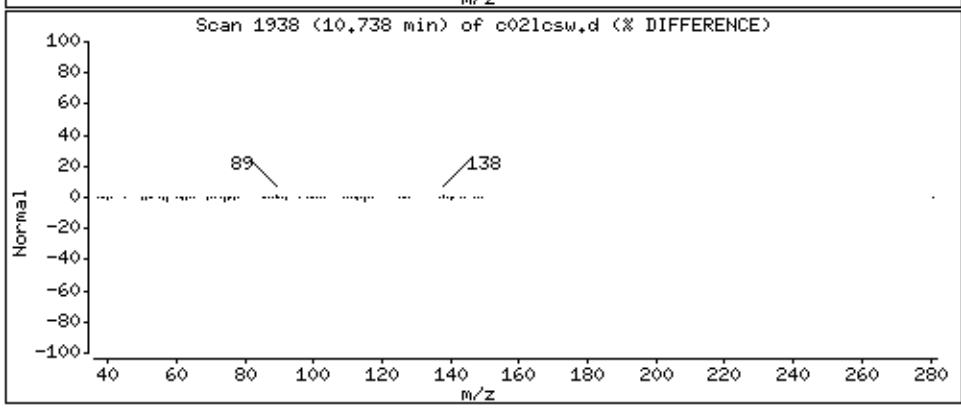
Concentration: 45.4 ppb

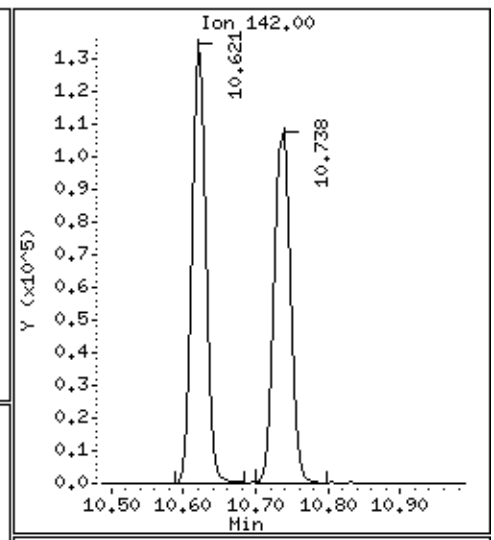
Review Code:

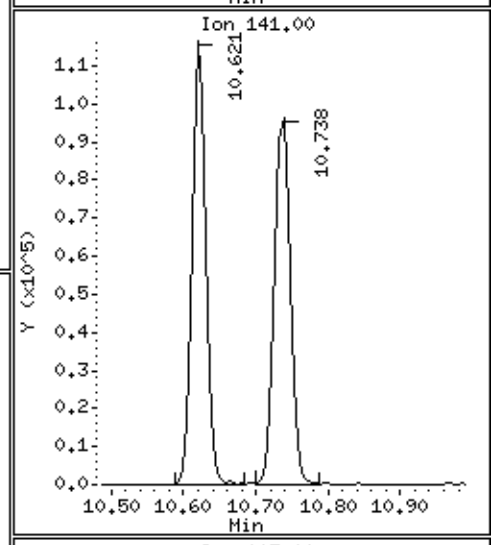


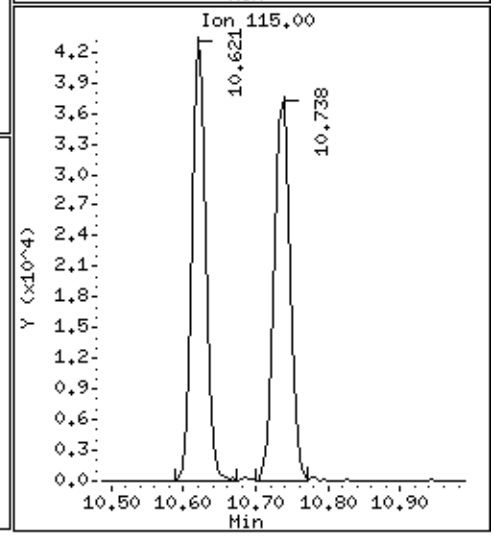












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c02lcsw.d
Injection Date: 05-OCT-2017 22:56
Instrument: 50mv3a.i
Lab Sample ID: 1882364
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:44 Lab Sample ID: 1882365

Date Analyzed: 10/06/2017 03:44 Lab File ID: A100517.B\C11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	252	
71-43-2	Benzene	37.9	
75-27-4	Bromodichloromethane	38.1	
75-25-2	Bromoform	41.8	
74-83-9	Bromomethane	51.8	
78-93-3	2-Butanone (MEK)	246	
75-15-0	Carbon disulfide	32.7	
56-23-5	Carbon tetrachloride	34.9	
108-90-7	Chlorobenzene	32.4	
75-00-3	Chloroethane	38.9	
67-66-3	Chloroform	39.0	
74-87-3	Chloromethane	39.0	
110-82-7	Cyclohexane	34.5	J
96-12-8	1,2-Dibromo-3-chloropropane	37.2	
124-48-1	Dibromochloromethane	42.7	
106-93-4	1,2-Dibromoethane (EDB)	43.5	
95-50-1	1,2-Dichlorobenzene	28.3	
541-73-1	1,3-Dichlorobenzene	25.0	
106-46-7	1,4-Dichlorobenzene	25.4	
75-71-8	Dichlorodifluoromethane	49.9	
75-34-3	1,1-Dichloroethane	37.1	
107-06-2	1,2-Dichloroethane	37.3	
75-35-4	1,1-Dichloroethene	37.7	
156-59-2	cis-1,2-Dichloroethene	38.9	
156-60-5	trans-1,2-Dichloroethene	37.8	
78-87-5	1,2-Dichloropropane	39.7	
10061-01-5	cis-1,3-Dichloropropene	36.0	
10061-02-6	trans-1,3-Dichloropropene	36.2	
100-41-4	Ethylbenzene	27.0	
591-78-6	2-Hexanone	221	
98-82-8	Isopropylbenzene (Cumene)	25.1	
79-20-9	Methyl acetate	80.3	
108-87-2	Methylcyclohexane	33.9	J
75-09-2	Methylene Chloride	38.7	
108-10-1	4-Methyl-2-pentanone (MIBK)	211	
1634-04-4	Methyl-tert-butyl ether	43.1	
100-42-5	Styrene	27.4	

SAMPLE NO.

MS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 03:44 Lab Sample ID: 1882365

Date Analyzed: 10/06/2017 03:44 Lab File ID: A100517.B\C11.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	42.3	
127-18-4	Tetrachloroethene	29.5	
108-88-3	Toluene	32.3	
120-82-1	1,2,4-Trichlorobenzene	23.8	
71-55-6	1,1,1-Trichloroethane	35.6	
79-00-5	1,1,2-Trichloroethane	41.8	
79-01-6	Trichloroethene	33.6	
75-69-4	Trichlorofluoromethane	47.0	
76-13-1	1,1,2-Trichlorotrifluoroethane	40.4	
75-01-4	Vinyl chloride	41.8	
1330-20-7	Xylene (Total)	82.2	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d
Lab Smp Id: 1882365 Client Smp ID: MW-0503-S1 (0-2717)
Inj Date : 06-OCT-2017 03:44
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 1882365,159793:5
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 69 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.905	0.905	(0.218)	219791	49.9235	49.9	
2	Chloromethane	50	0.991	0.990	(0.239)	148631	38.9564	39.0	
3	Vinyl Chloride	62	1.033	1.033	(0.249)	238596	41.7799	41.8	
4	Bromomethane	94	1.177	1.177	(0.284)	111020	51.7687	51.8	
5	Chloroethane	64	1.226	1.225	(0.296)	131150	38.8852	38.9	
6	Trichlorofluoromethane	101	1.338	1.337	(0.323)	325721	46.9630	47.0	
7	Diethyl ether	74	1.461	1.460	(0.352)	107368	43.9885	44.0	
8	1,2-dichlorotrifluoroethane	67	1.477	1.476	(0.356)	233194	36.4818	36.5	
9	Acrolein	56	1.530	1.530	(0.369)	358491	938.418	938	
10	1,1,2trichlorotrifluoroethane	101	1.583	1.583	(0.382)	214503	40.3813	40.4	
11	1,1-Dichloroethene	96	1.589	1.588	(0.383)	166572	37.6533	37.6	
12	Acetone	43	1.599	1.599	(0.386)	141352	252.149	252	
13	Iodomethane	142	1.674	1.674	(0.404)	380863	96.7984	96.8	
14	Carbon Disulfide	76	1.722	1.722	(0.415)	457194	32.7121	32.7	
15	Methyl Acetate	43	1.765	1.765	(0.426)	133122	80.3431	80.3	
16	allyl chloride	41	1.781	1.781	(0.430)	543183	83.1123	83.1	
17	Acetonitrile	39	1.781	1.781	(0.430)	356483	37.8178	37.8	
18	Methylene Chloride	84	1.856	1.856	(0.448)	169558	38.7448	38.7	
19	Acrylonitrile	53	1.989	1.989	(0.480)	128923	178.427	178	
20	Methyl-tert-butyl ether	73	2.016	2.016	(0.486)	469147	43.0942	43.1	
21	tert-Butyl Alcohol	59	1.893	1.893	(0.457)	20700	68.9709	69.0(Q)	
22	1,2-Dichloroethene (trans)	96	2.032	2.026	(0.490)	178934	37.7641	37.8	
23	n-Hexane	57	2.214	2.213	(0.534)	323213	33.1550	33.2	

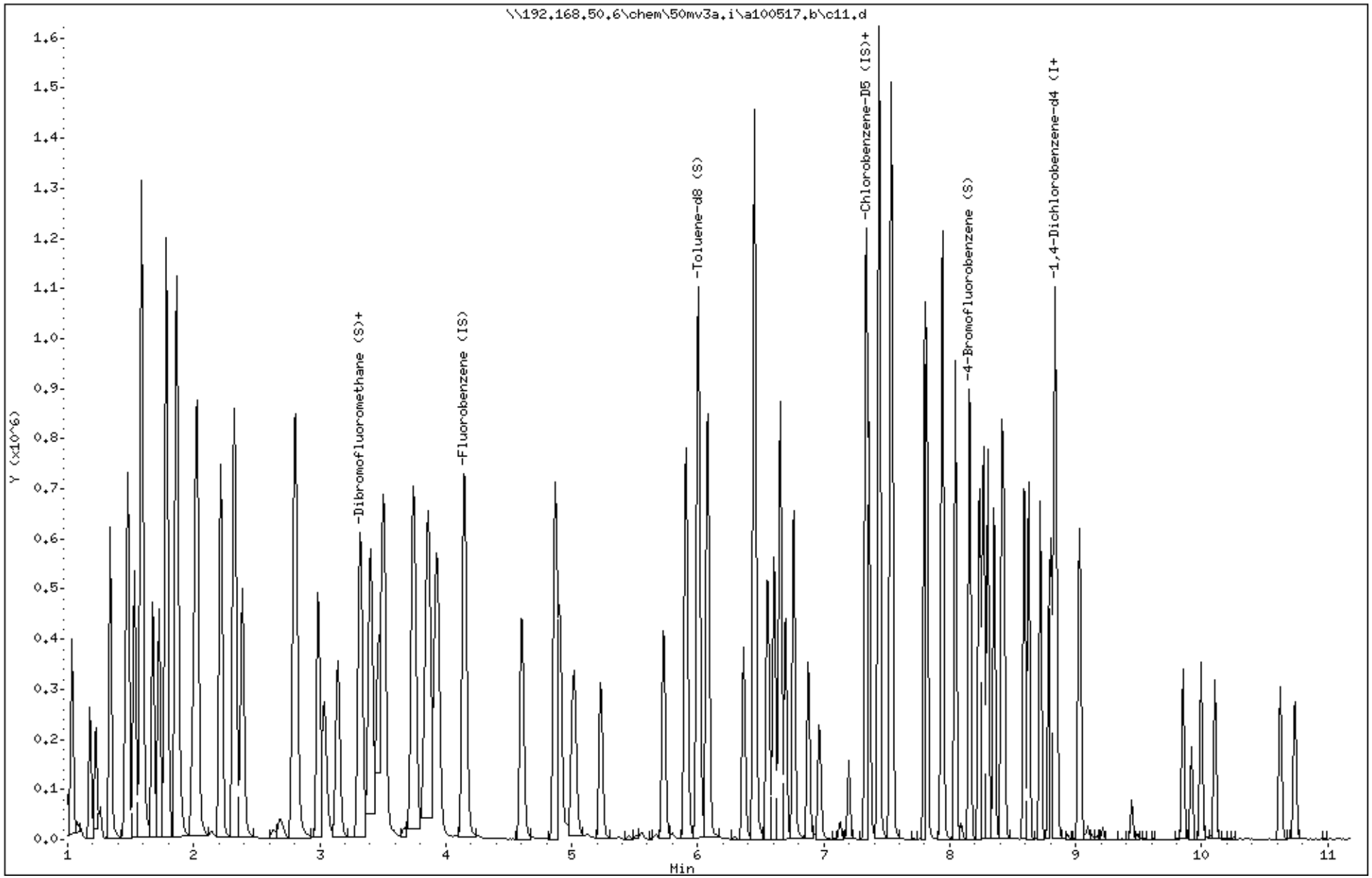
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.320	2.320	(0.560)	810062	124.111	124(R)	
	25 1,1-Dichloroethane	63	2.331	2.331	(0.562)	318520	37.1417	37.1(R)	
	26 Chloroprene	53	2.385	2.384	(0.575)	271837	32.2167	32.2	
	27 2-Butanone	72	2.785	2.785	(0.672)	63072	246.003	246(Q)	
	28 1,2-Dichloroethene (cis)	96	2.807	2.806	(0.677)	194977	38.9171	38.9(Q)	
	29 2,2-Dichloropropane	77	2.812	2.806	(0.678)	251482	32.3000	32.3	
	30 Propionitrile	54	2.844	2.849	(0.686)	8290	31.7954	31.8(Q)	
	31 Methacrylonitrile	41	2.988	2.988	(0.721)	286970	172.659	173	
	32 Bromochloromethane	49	3.036	3.036	(0.732)	117495	38.4395	38.4	
	33 Tetrahydrofuran	42	3.058	3.057	(0.737)	30068	40.6707	40.7	
	34 Chloroform	83	3.143	3.143	(0.758)	306219	38.9819	39.0	
$	35 Dibromofluoromethane (S)	113	3.314	3.319	(0.799)	183189	45.9583	46.0	
	36 1,1,1-Trichloroethane	97	3.319	3.319	(0.800)	276689	35.6465	35.6(R)	
	37 Cyclohexane	56	3.405	3.404	(0.821)	310351	34.4686	34.5(R)	
	38 n-Butyl chloride	56	3.469	3.463	(0.836)	361478	32.3335	32.3	
	39 Carbon Tetrachloride	117	3.501	3.506	(0.844)	231653	34.9068	34.9(R)	
	40 1,1-Dichloropropene	75	3.506	3.511	(0.845)	236719	34.8324	34.8(R)	
	41 Benzene	78	3.747	3.746	(0.903)	684120	37.9236	37.9(R)	
	42 1,2-Dichloroethane	62	3.837	3.832	(0.925)	183734	37.2830	37.3	
	43 2,2,4-Trimethylpentane	57	3.928	3.928	(0.947)	728170	37.9306	37.9	
	44 Isobutyl alcohol	43	3.864	3.864	(0.932)	940769	43.1245	43.1	
*	45 Fluorobenzene (IS)	96	4.147	4.152	(1.000)	807281	50.0000		
	46 Trichloroethene	95	4.601	4.606	(1.109)	157264	33.5514	33.6(R)	
	47 Methylcyclohexane	55	4.868	4.873	(1.174)	241437	33.9396	33.9(R)	
	48 1,2-Dichloropropane	63	4.906	4.911	(1.183)	171563	39.7338	39.7	
	49 Dibromomethane	93	5.007	5.007	(1.207)	79602	42.7733	42.8	
	50 1,4-Dioxane	88	5.012	5.007	(1.209)	17985	1072.49	1070	
	51 Methyl methacrylate	69	5.023	5.023	(1.211)	88726	43.6463	43.6	
	52 Bromodichloromethane	83	5.231	5.231	(1.261)	206959	38.1157	38.1	
	54 cis-1,3-Dichloropropene	75	5.728	5.728	(0.781)	233806	35.9701	36.0(R)	
	55 4-Methyl-2-Pentanone	43	5.904	5.904	(0.805)	501104	211.226	211	
$	56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	726459	48.9104	48.9	
	57 Toluene	91	6.081	6.080	(0.829)	604292	32.3362	32.3(R)	
	58 trans-1,3-Dichloropropene	75	6.364	6.363	(0.867)	186557	36.1864	36.2(R)	
	59 Ethyl Methacrylate	69	6.449	6.449	(0.879)	655173	166.668	167	
	60 1,1,2-Trichloroethane	83	6.551	6.550	(0.893)	99279	41.7923	41.8	
	61 Tetrachloroethene	166	6.604	6.604	(0.900)	140611	29.4812	29.5(R)	
	62 1,3-Dichloropropane	76	6.695	6.695	(0.913)	201690	43.2702	43.3	
	63 2-Hexanone	43	6.764	6.764	(0.922)	312953	221.373	221	
	64 Dibromochloromethane	129	6.876	6.876	(0.937)	141575	42.7113	42.7	
	65 1,2-Dibromoethane	107	6.962	6.962	(0.949)	109140	43.5326	43.5	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	495064	50.0000		
	67 Chlorobenzene	112	7.357	7.357	(1.003)	319135	32.4049	32.4(R)	
	68 1,1,1,2-Tetrachloroethane	131	7.432	7.432	(1.013)	137975	37.6844	37.7(R)	
	69 Ethylbenzene	106	7.443	7.437	(1.015)	173183	26.9685	27.0(R)	
	70 m&p-Xylene	106	7.539	7.538	(1.028)	391988	53.1247	53.1(R)	
	71 o-Xylene	106	7.800	7.800	(1.063)	193061	29.1176	29.1(R)	
	72 Styrene	104	7.816	7.816	(1.066)	320868	27.4262	27.4(R)	
	73 Bromoform	173	7.934	7.934	(0.898)	67685	41.7868	41.8	
	74 Isopropylbenzene	105	8.046	8.046	(1.097)	430547	25.1405	25.1(R)	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	197480	48.4884	48.5	
	76 Bromobenzene	77	8.233	8.233	(1.122)	157824	29.9711	30.0(R)	
	77 1,1,2,2-Tetrachloroethane	83	8.249	8.249	(0.934)	104173	42.3436	42.3	
	78 trans-1,4-Dichloro-2-butene	53	8.265	8.265	(1.127)	78806	137.566	138(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	33677	46.1446	46.1(Q)	
80	n-Propylbenzene	91	8.302	8.302	(0.940)	374184	20.1917	20.2(R)	
81	2-Chlorotoluene	91	8.351	8.350	(0.946)	250964	23.7352	23.7(R)	
82	1,3,5-Trimethylbenzene	105	8.415	8.414	(0.953)	274035	21.8615	21.9(R)	
83	4-Chlorotoluene	126	8.425	8.425	(0.954)	80079	24.3214	24.3(R)	
84	tert-Butylbenzene	119	8.591	8.596	(0.973)	239290	16.8316	16.8(R)	
85	1,2,4-Trimethylbenzene	105	8.628	8.628	(0.977)	261654	21.9424	21.9(R)	
86	sec-Butylbenzene	105	8.719	8.719	(0.987)	292621	18.5453	18.5(R)	
87	1,3-Dichlorobenzene	146	8.789	8.788	(0.995)	140128	24.9878	25.0(R)	
88	p-Isopropyltoluene	119	8.805	8.804	(0.997)	213303	16.9893	17.0(R)	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	170845	50.0000		
90	1,4-Dichlorobenzene	146	8.847	8.847	(1.002)	140500	25.3555	25.4(R)	
91	n-Butylbenzene	91	9.024	9.023	(1.022)	147621	13.6353	13.6(R)	
92	1,2-Dichlorobenzene	146	9.034	9.034	(1.023)	131851	28.3333	28.3(R)	
93	1,2,4-Trichlorobenzene	180	9.851	9.851	(1.115)	76596	23.8346	23.8(R)	
94	1,2-Dibromo-3-chloropropane	155	9.445	9.445	(1.070)	10773	37.1886	37.2	
95	Hexachlorobutadiene	225	9.915	9.915	(1.123)	26335	12.3379	12.3(R)	
96	Naphthalene	128	9.990	9.990	(1.131)	215333	32.8853	32.9(R)	
97	1,2,3-Trichlorobenzene	180	10.108	10.107	(1.145)	77749	26.2054	26.2(R)	
98	2,methyl-naphthalene	142	10.626	10.620	(1.203)	132231	32.1043	32.1	
99	1-Methylnaphthalene	142	10.738	10.738	(1.216)	120156	35.8176	35.8	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d
Date : 06-OCT-2017 03:44
Client ID: MW-0503-S1 (0-2717)
Instrument: 50mv3a.i
Sample Info: 1882365,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

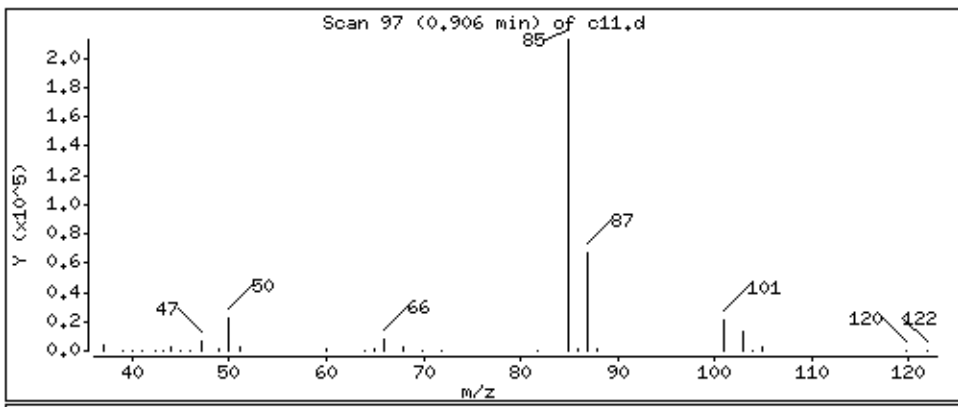
Column phase: DB-624

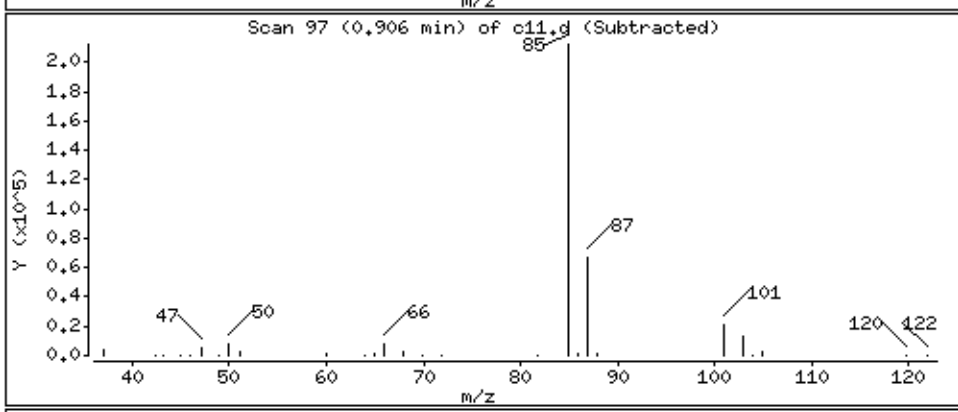
Column diameter: 0.18

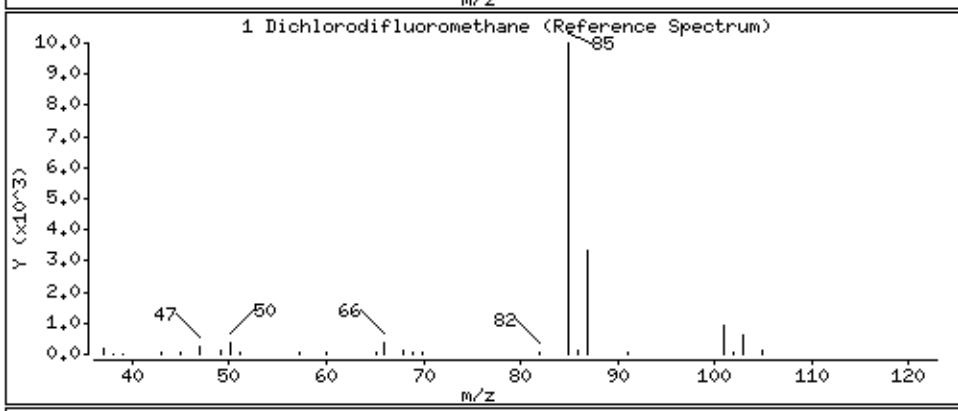
1 Dichlorodifluoromethane

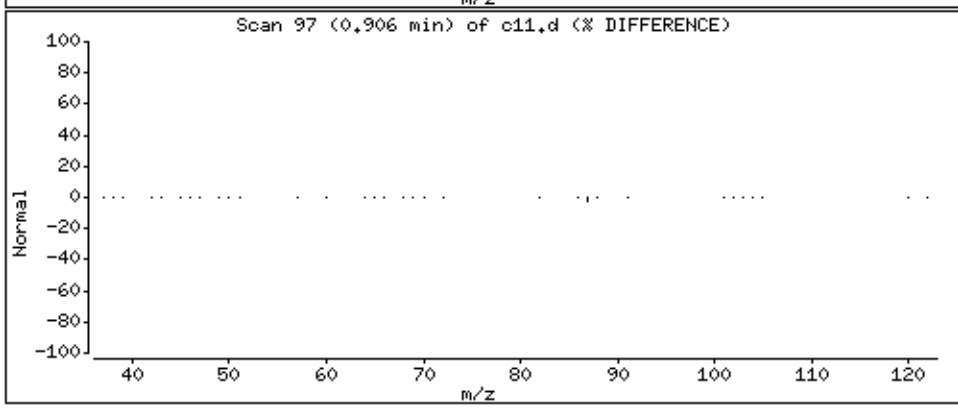
Concentration: 49.9 ppb

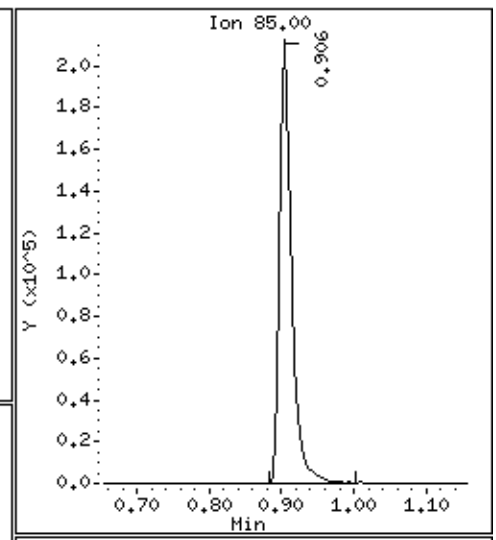
Review Code:

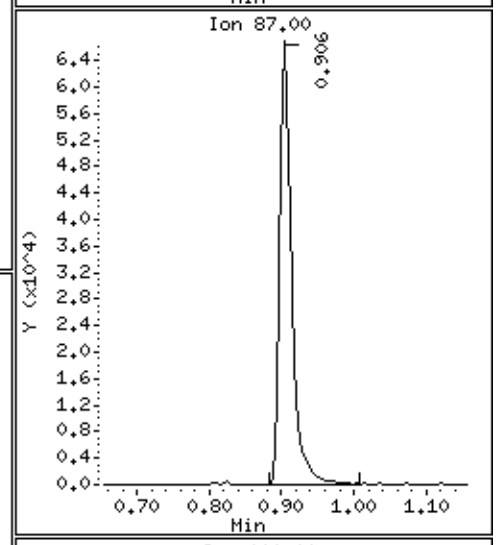


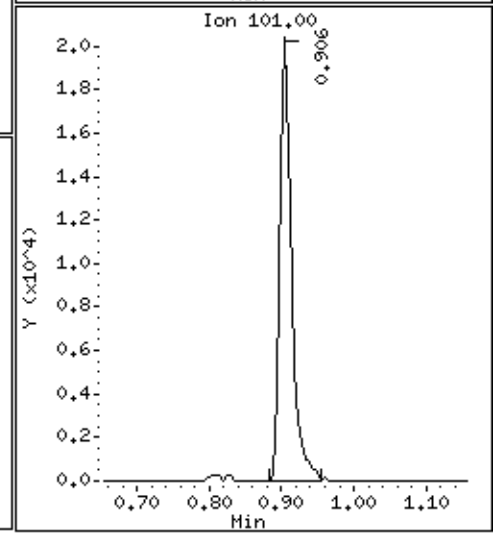












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

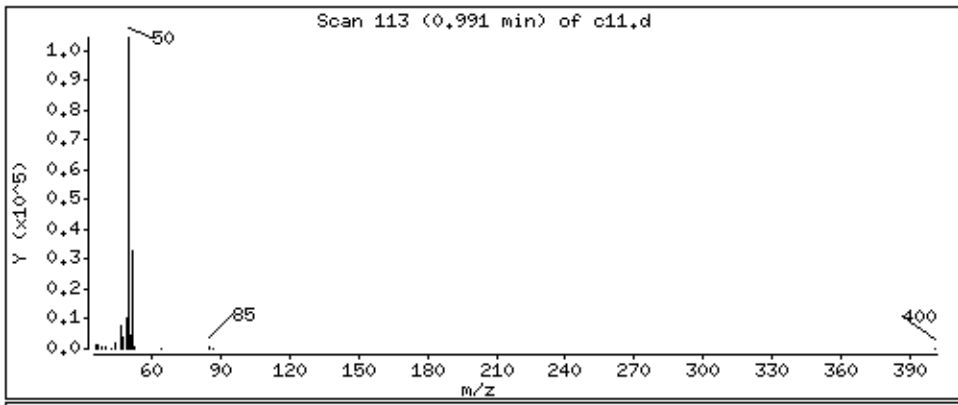
Column phase: DB-624

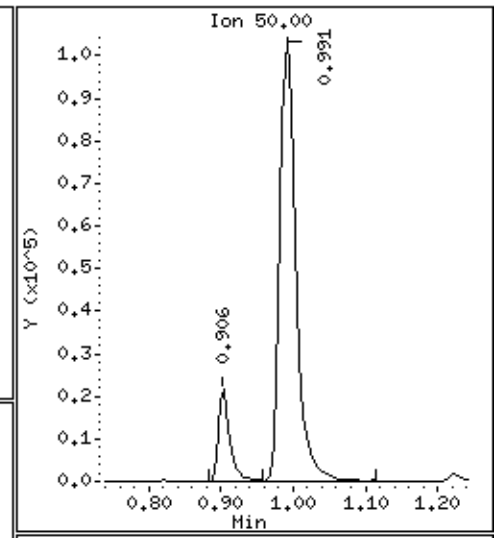
Column diameter: 0.18

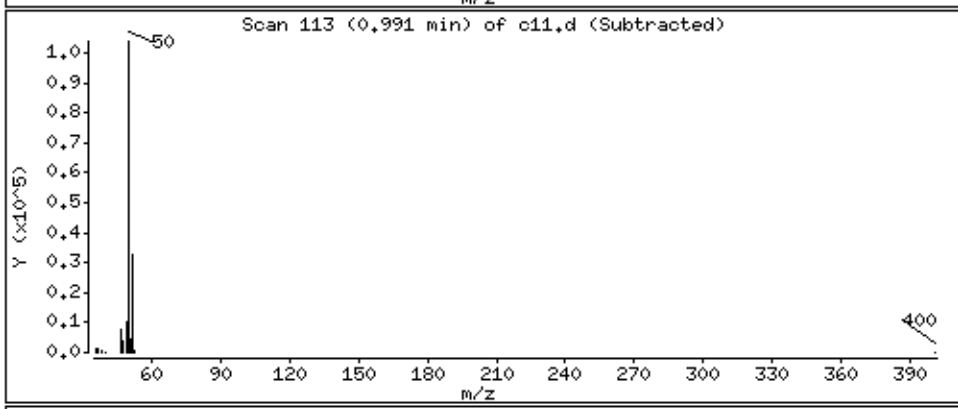
2 Chloromethane

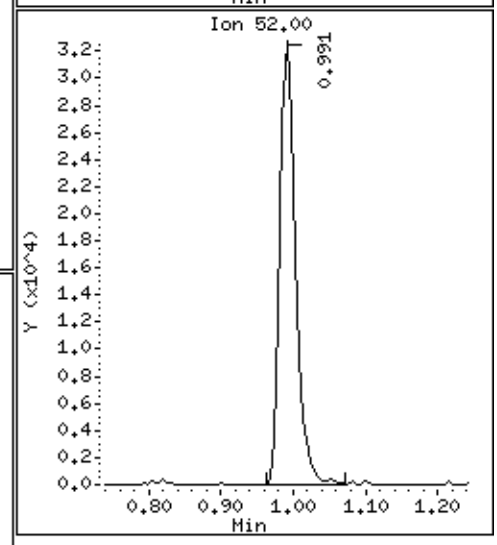
Concentration: 39.0 ppb

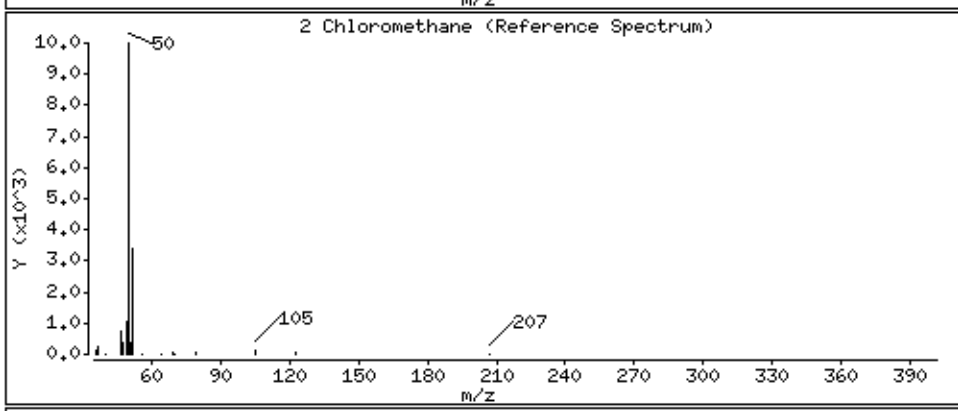
Review Code:

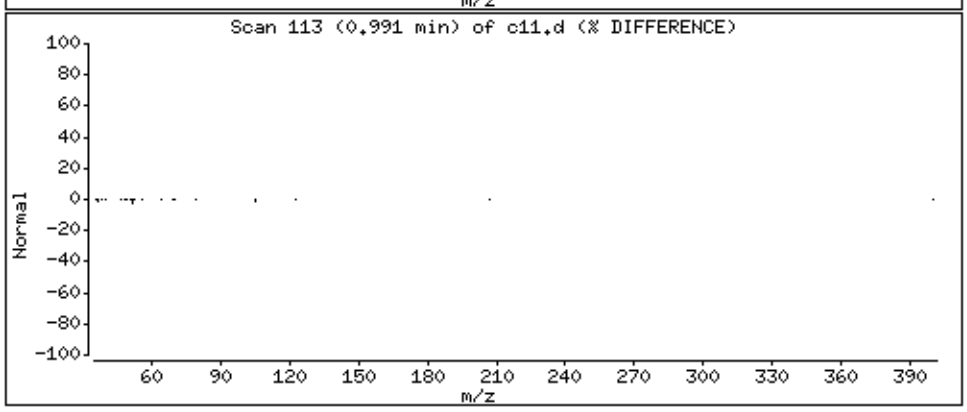












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

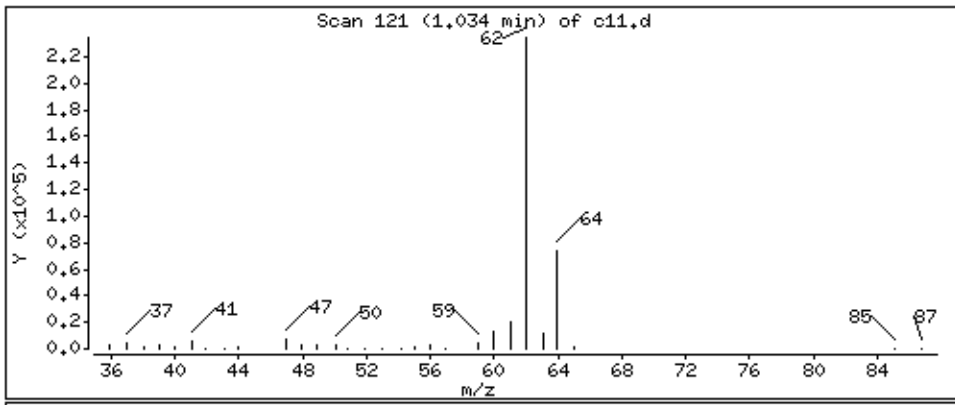
Column phase: DB-624

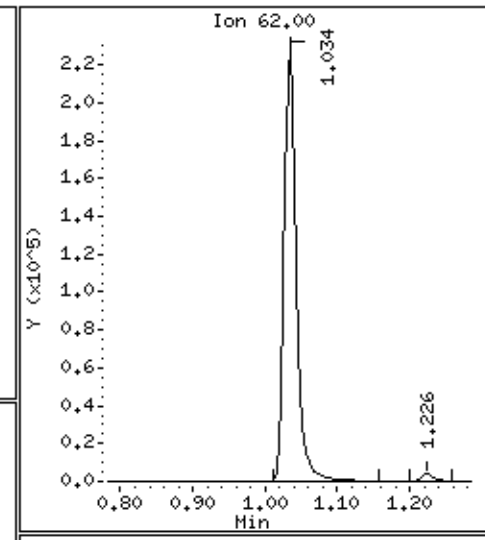
Column diameter: 0.18

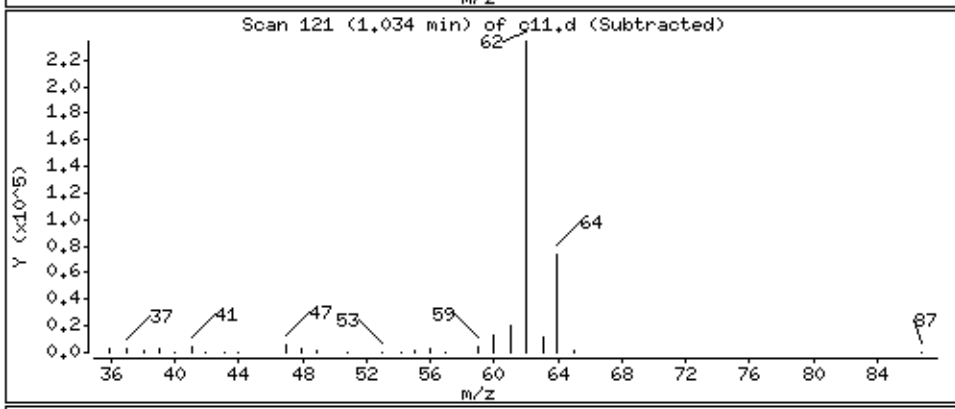
3 Vinyl Chloride

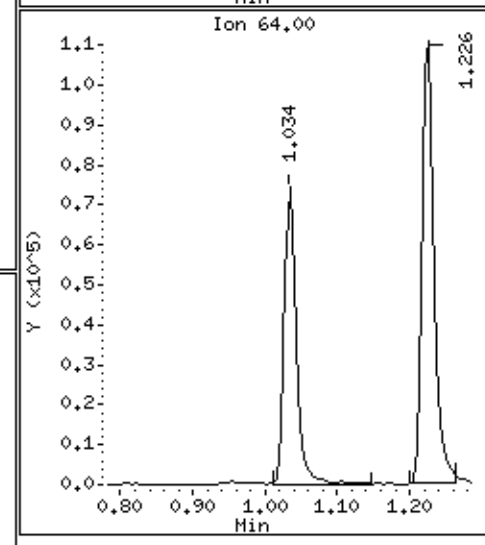
Concentration: 41.8 ppb

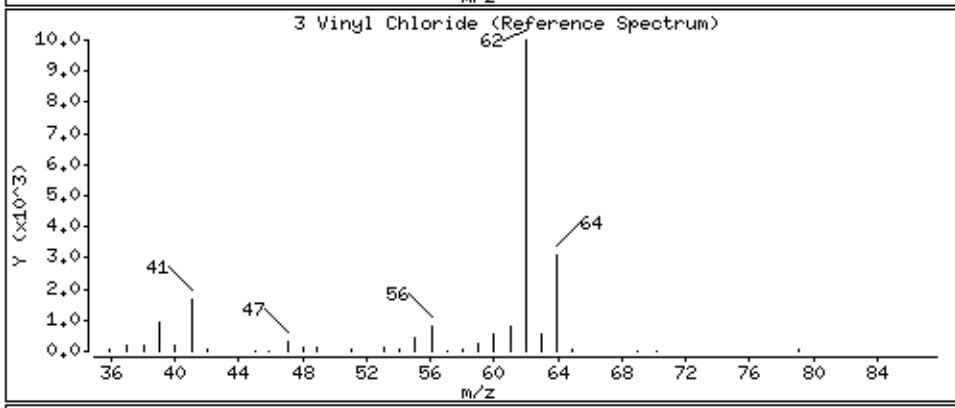
Review Code:

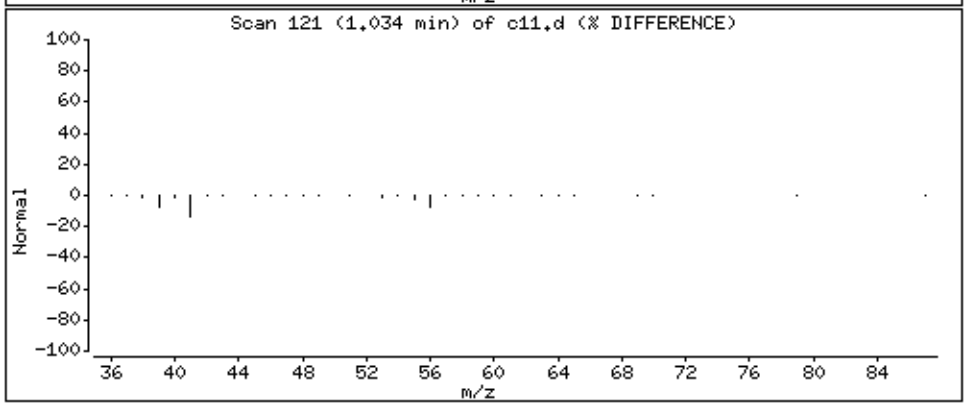












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

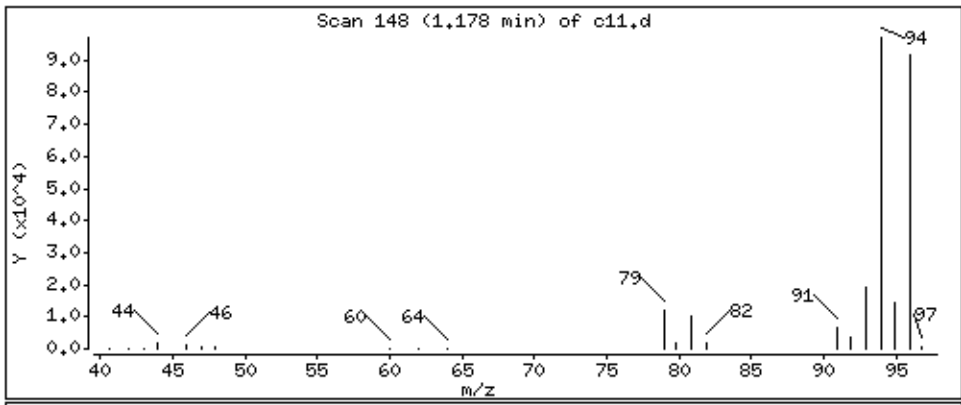
Column phase: DB-624

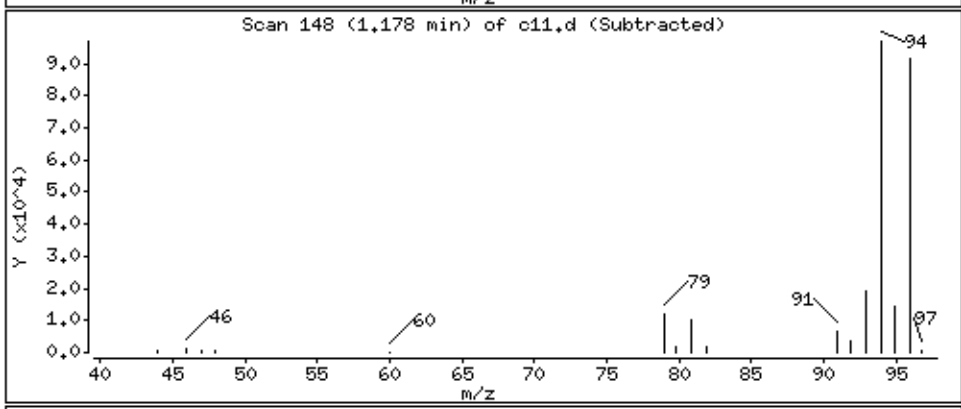
Column diameter: 0.18

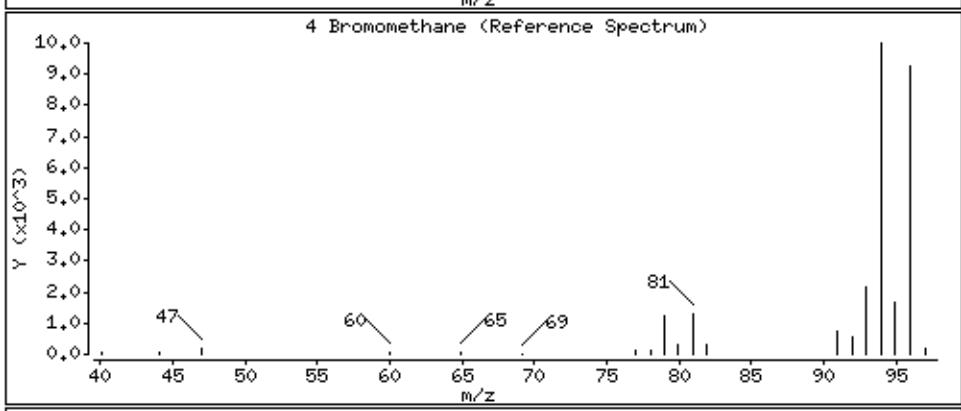
4 Bromomethane

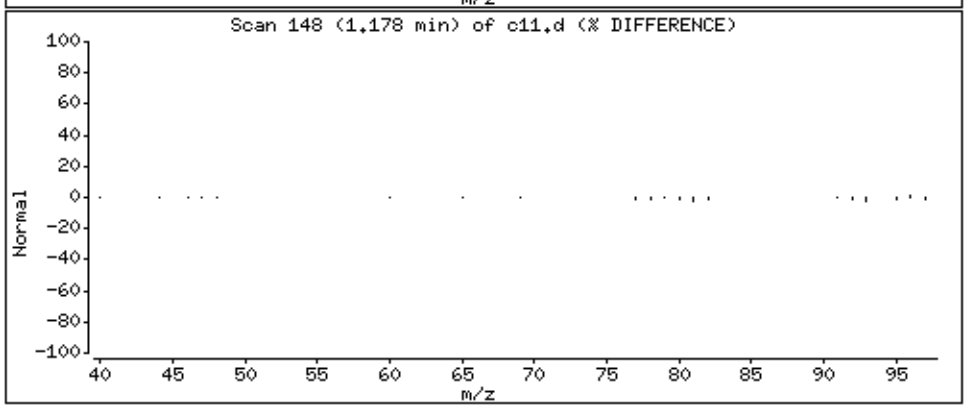
Concentration: 51.8 ppb

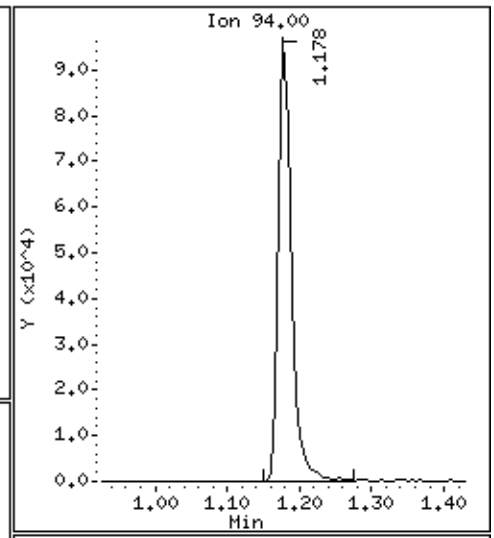
Review Code:

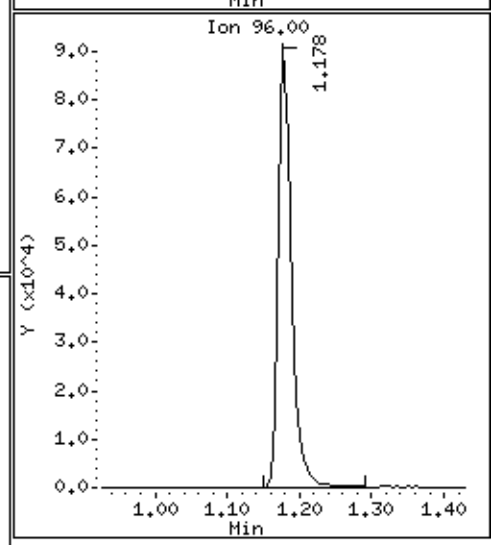












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

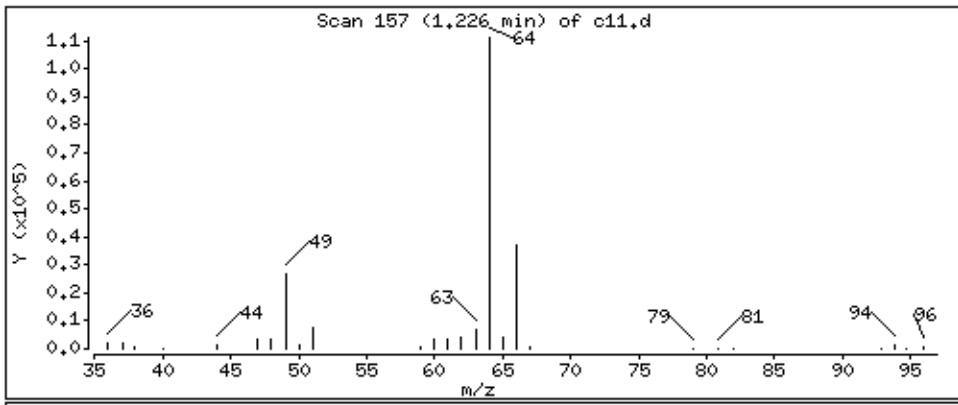
Column phase: DB-624

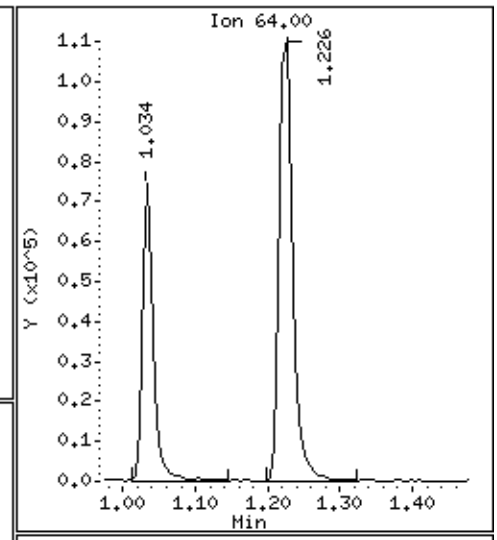
Column diameter: 0.18

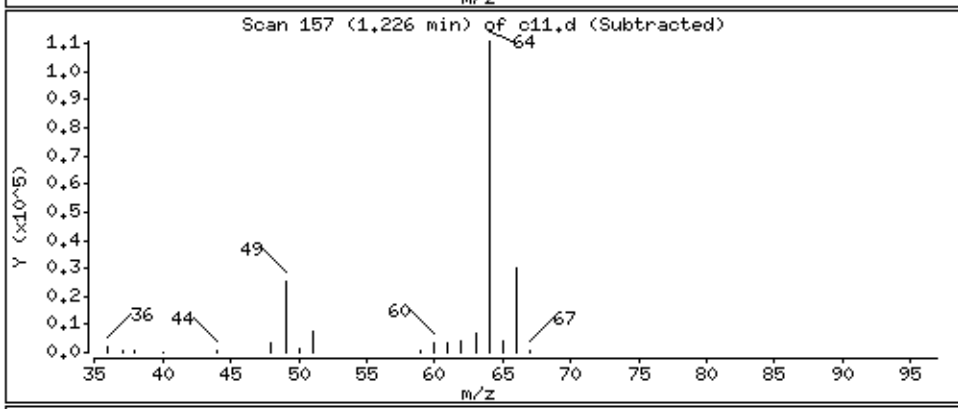
5 Chloroethane

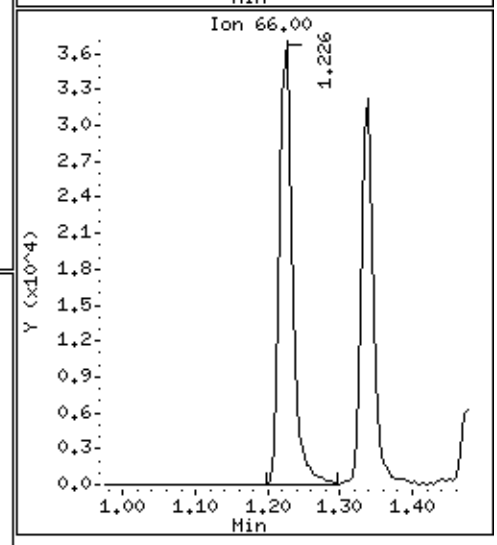
Concentration: 38.9 ppb

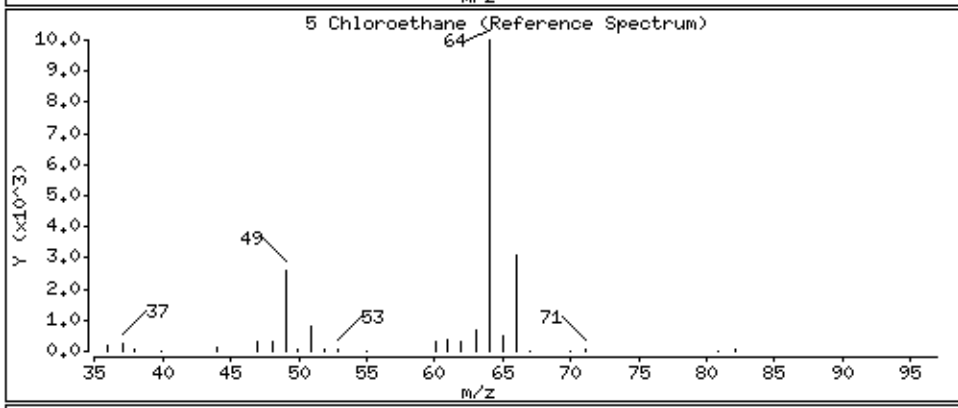
Review Code:

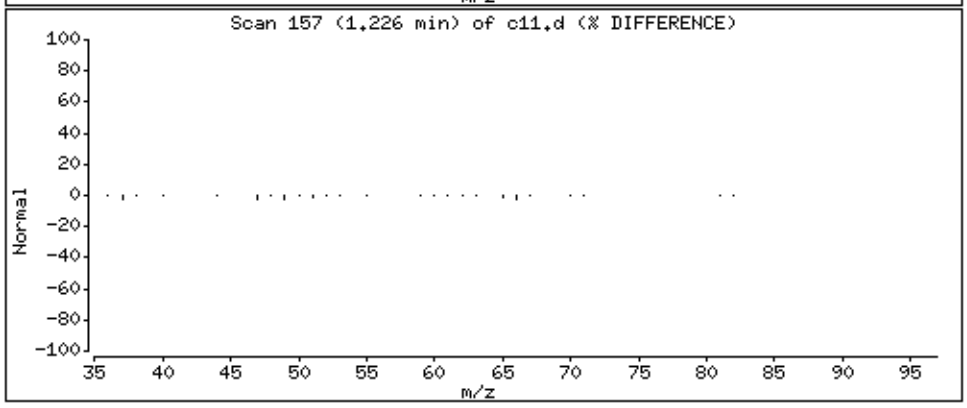












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

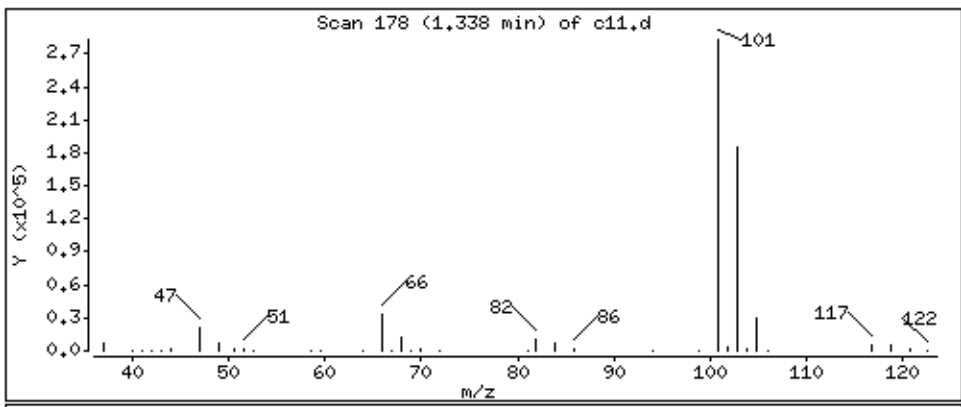
Column phase: DB-624

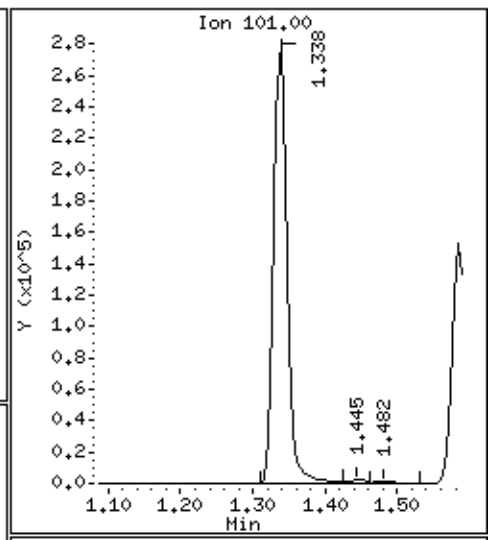
Column diameter: 0.18

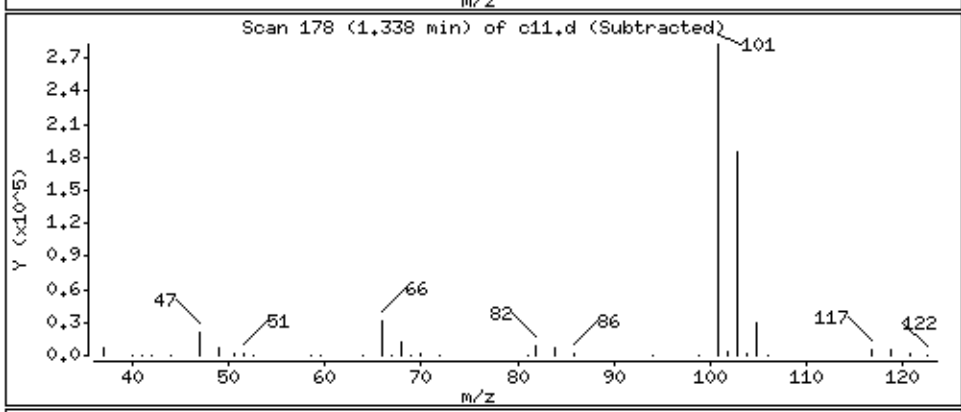
6 Trichlorofluoromethane

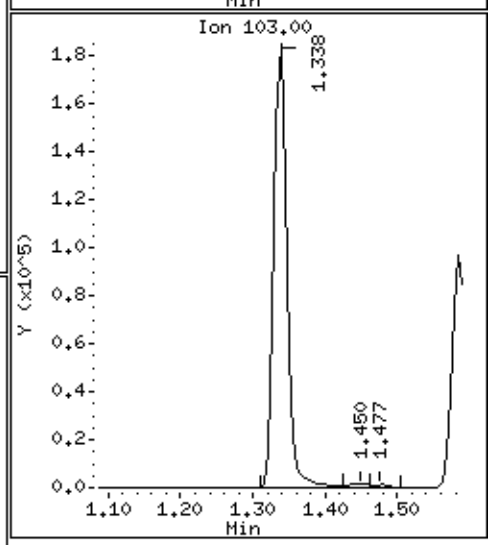
Concentration: 47.0 ppb

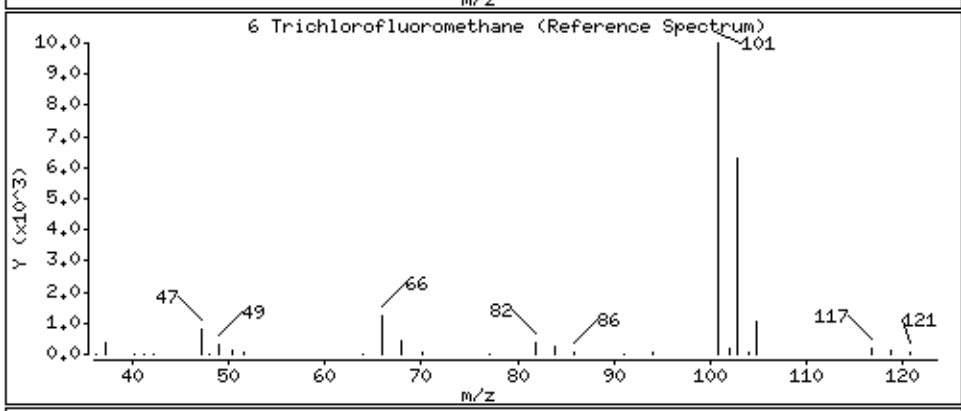
Review Code:

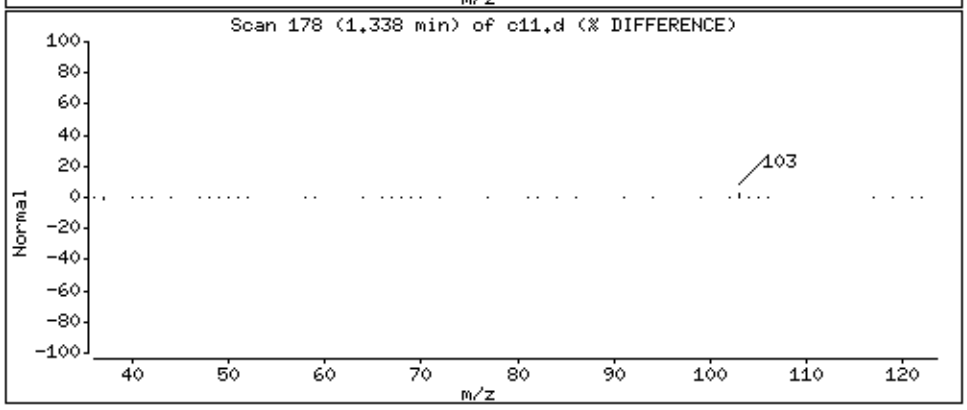












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

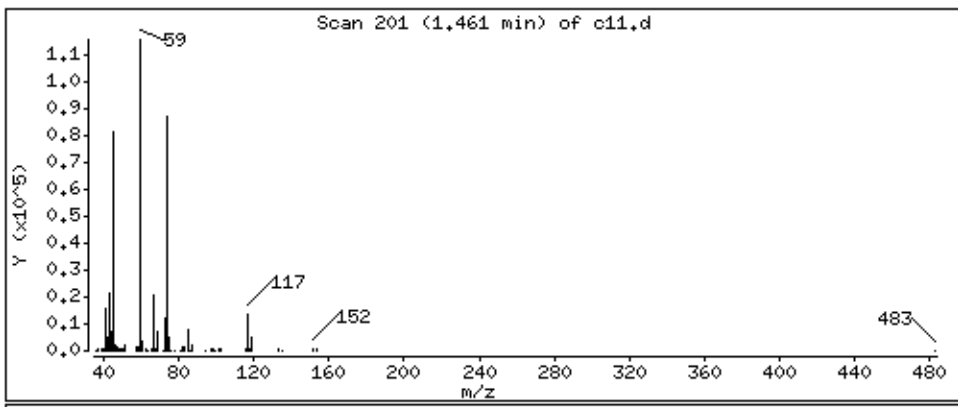
Column phase: DB-624

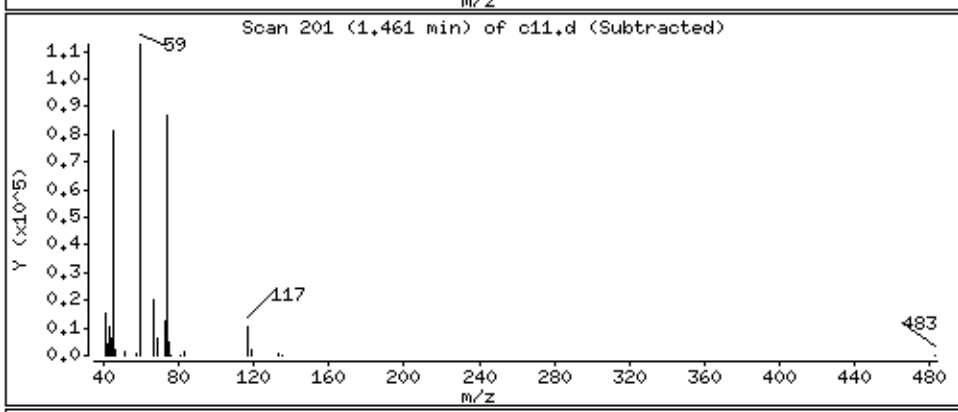
Column diameter: 0.18

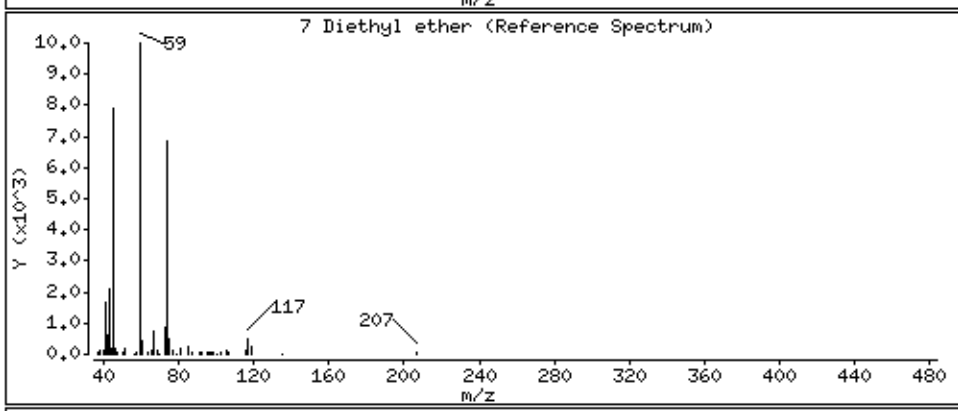
7 Diethyl ether

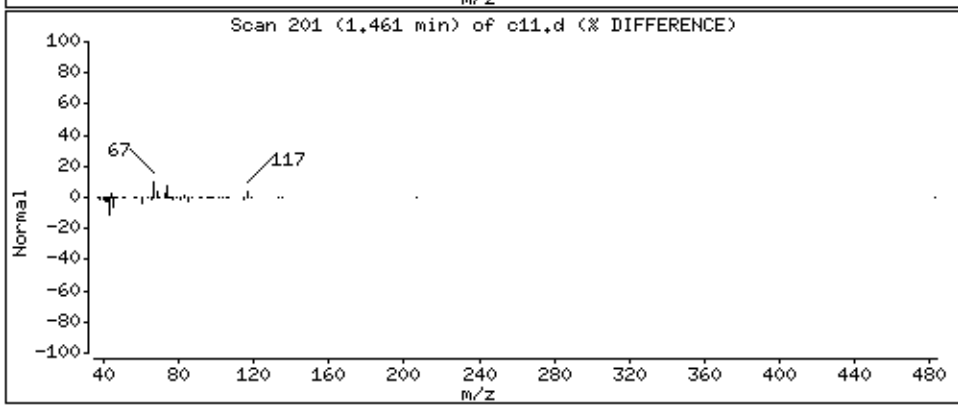
Concentration: 44.0 ppb

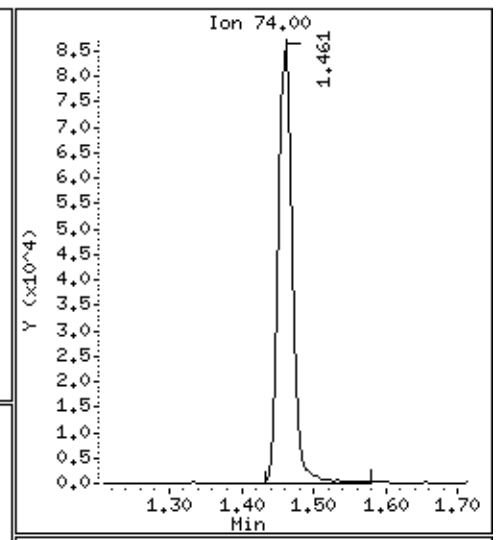
Review Code:

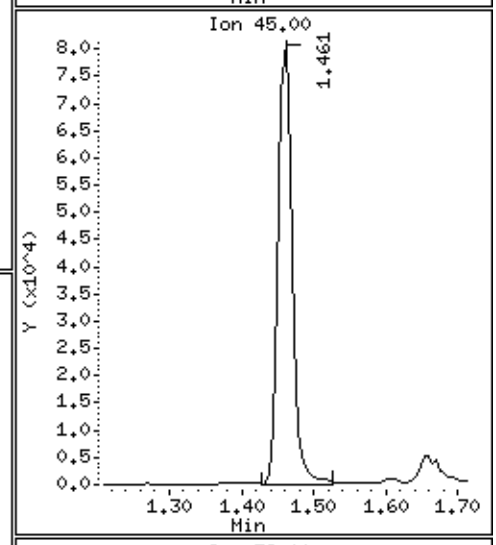


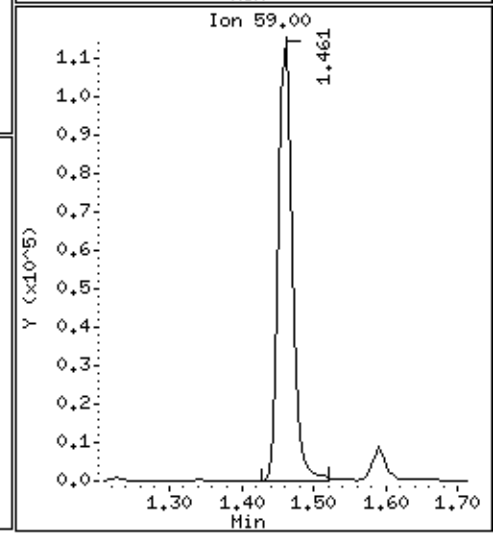












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

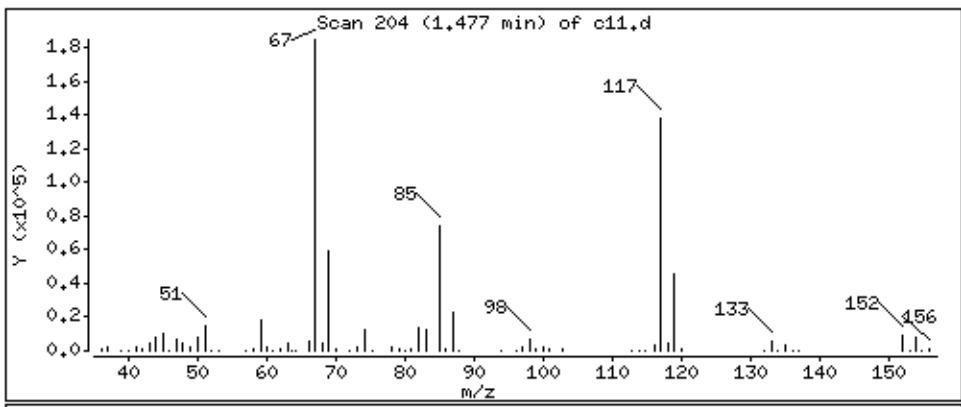
Column phase: DB-624

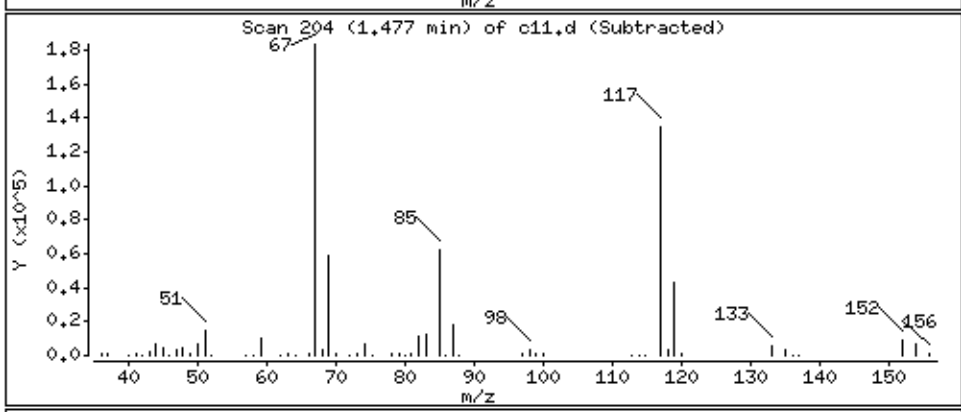
Column diameter: 0.18

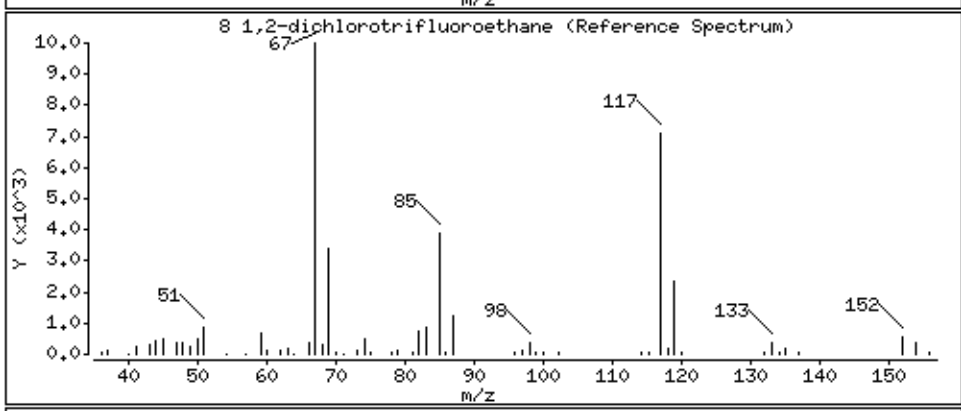
8 1,2-dichlorotrifluoroethane

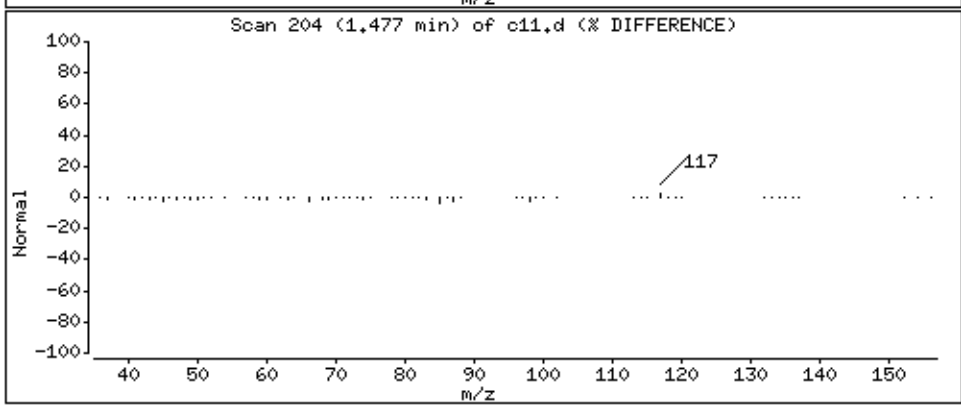
Concentration: 36.5 ppb

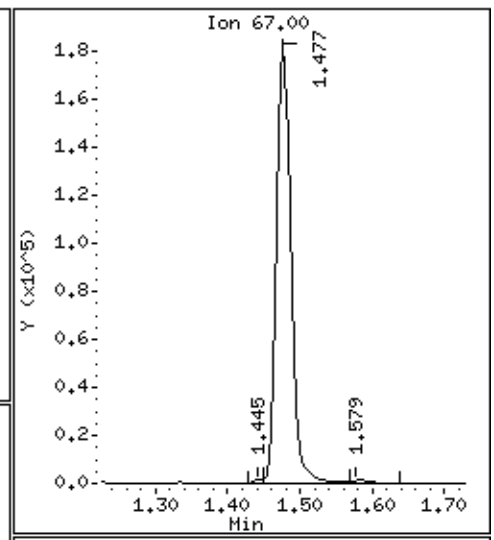
Review Code:

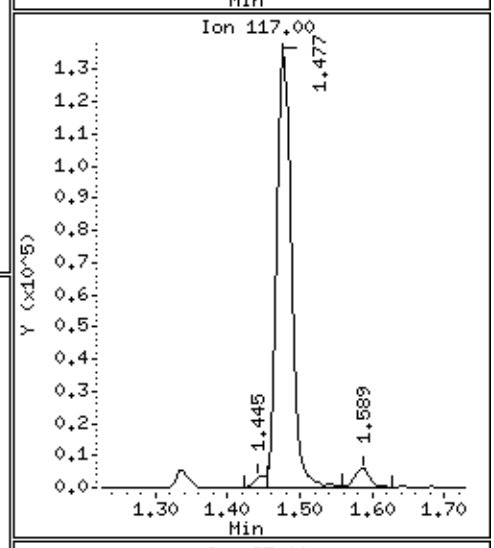


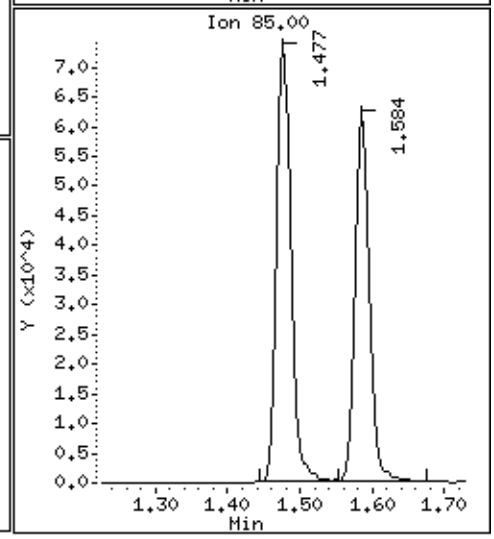












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

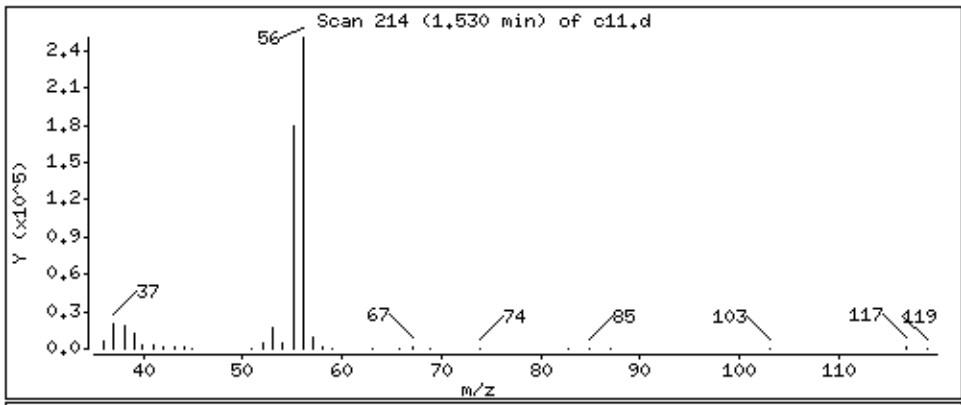
Column phase: DB-624

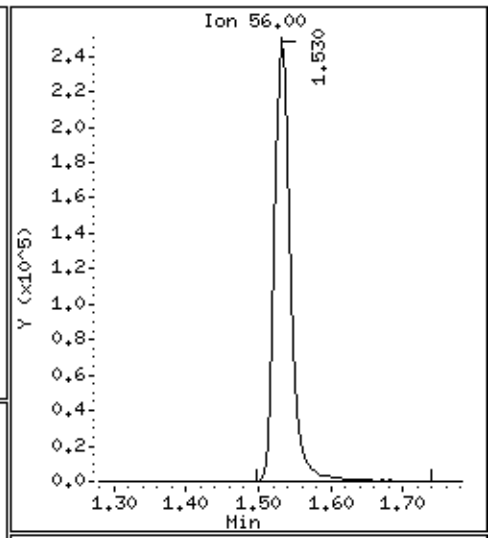
Column diameter: 0.18

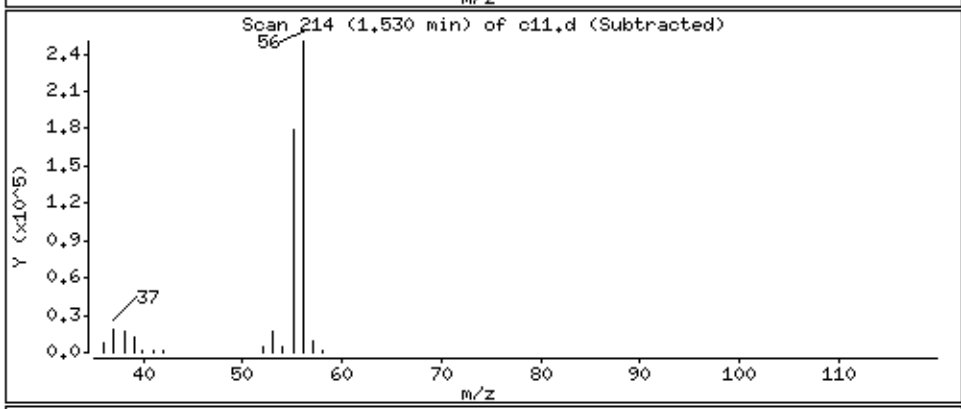
9 Acrolein

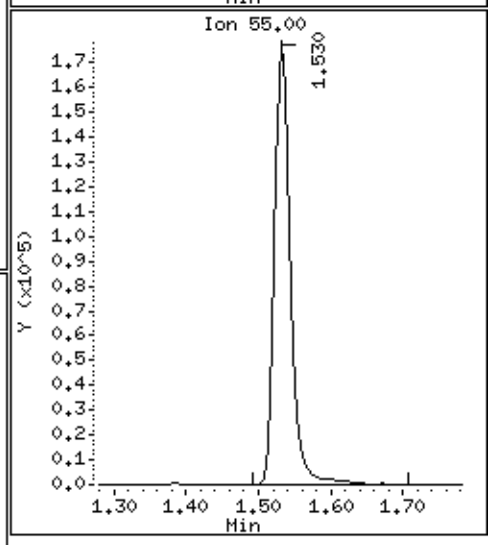
Concentration: 938 ppb

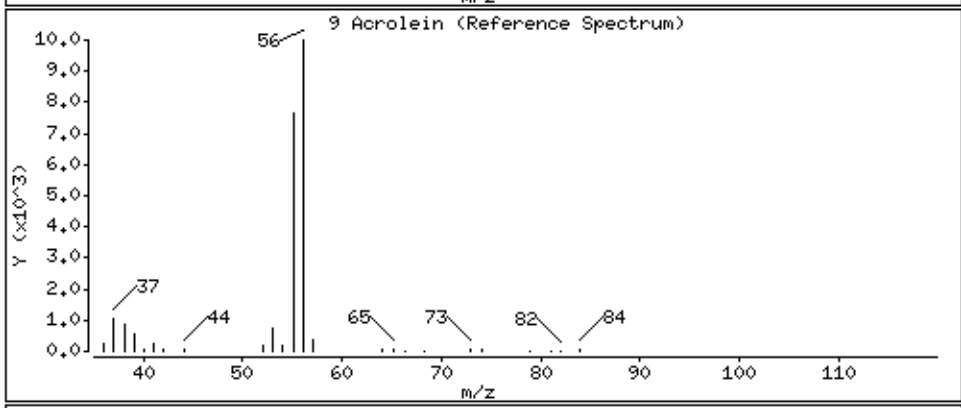
Review Code:

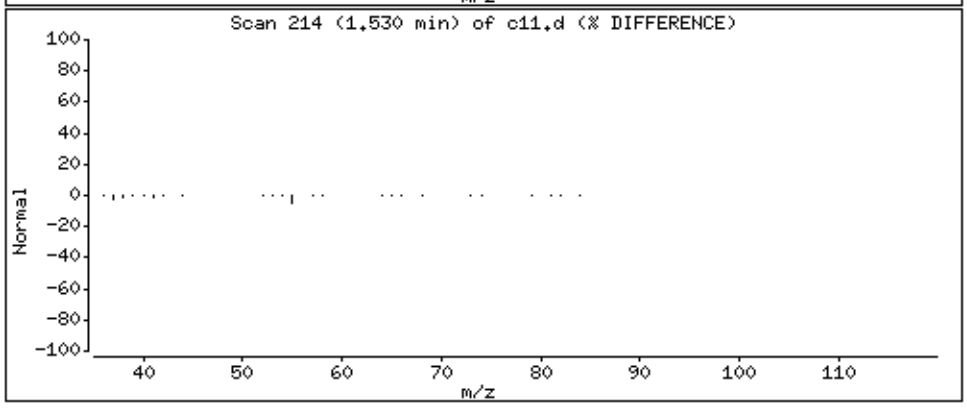












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

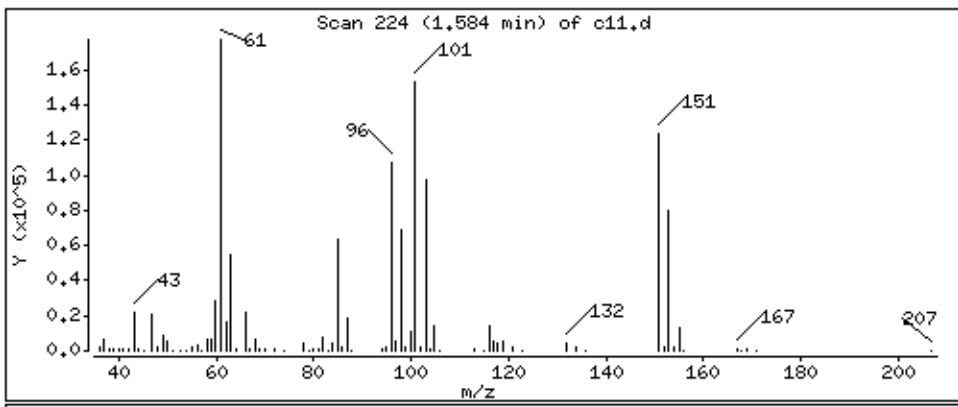
Column phase: DB-624

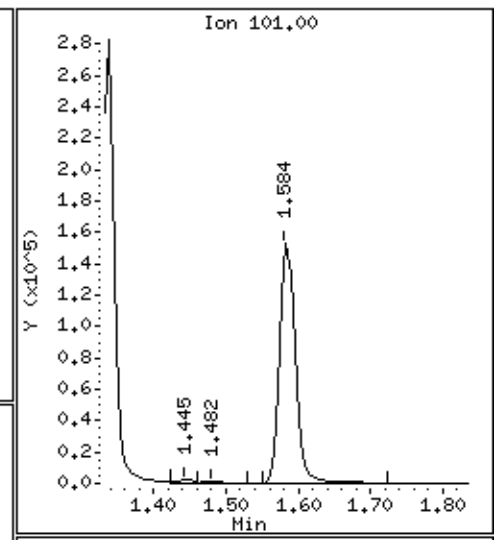
Column diameter: 0.18

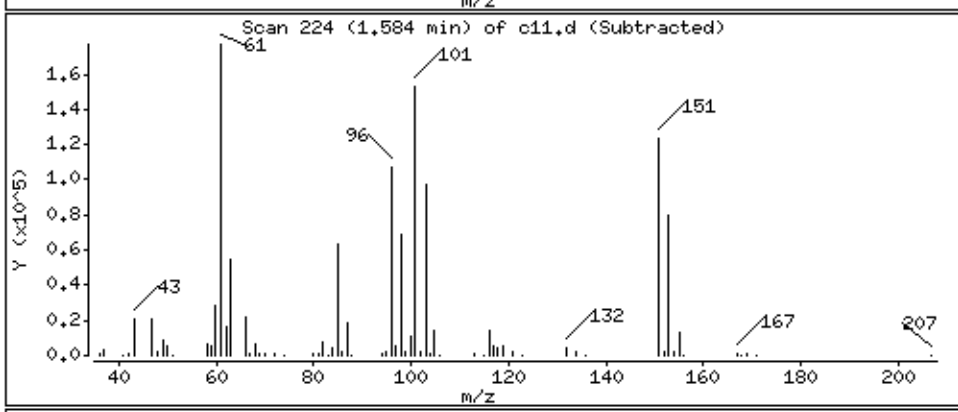
10 1,1,2trichlorotrifluoroethane

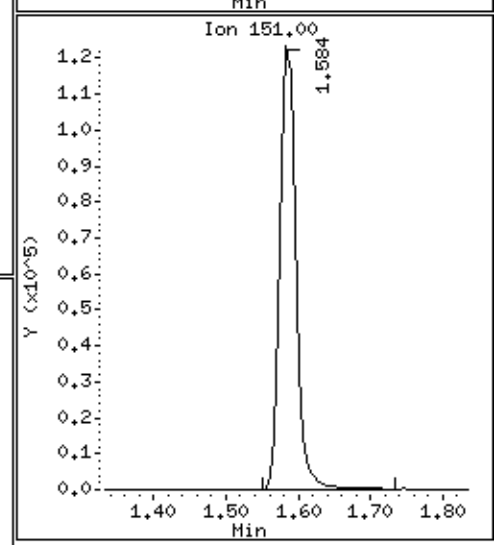
Concentration: 40.4 ppb

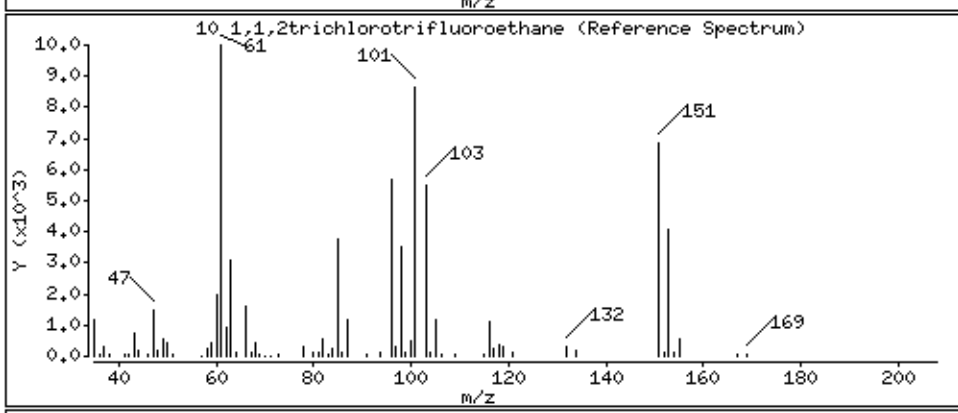
Review Code:

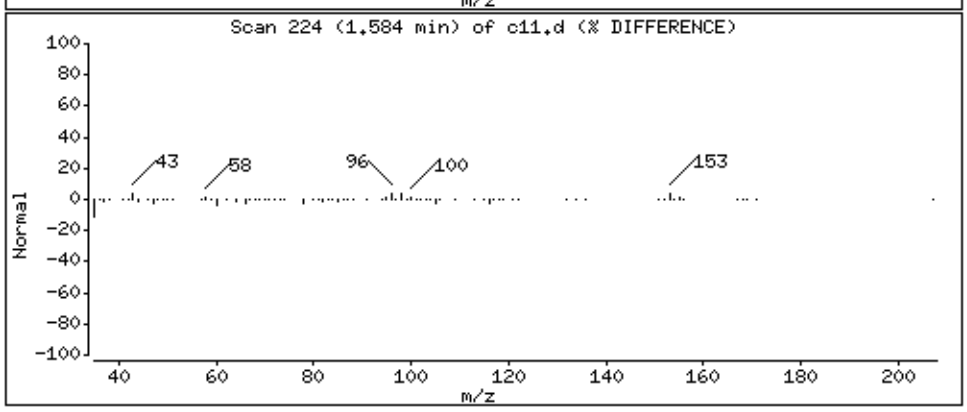












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

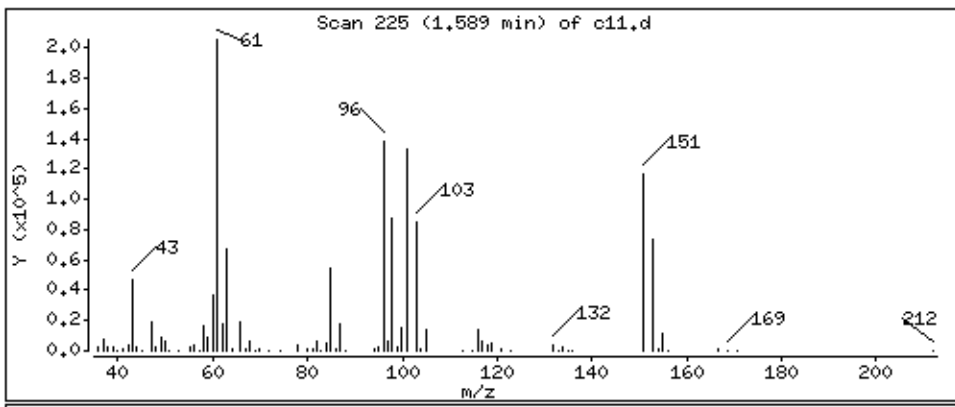
Column phase: DB-624

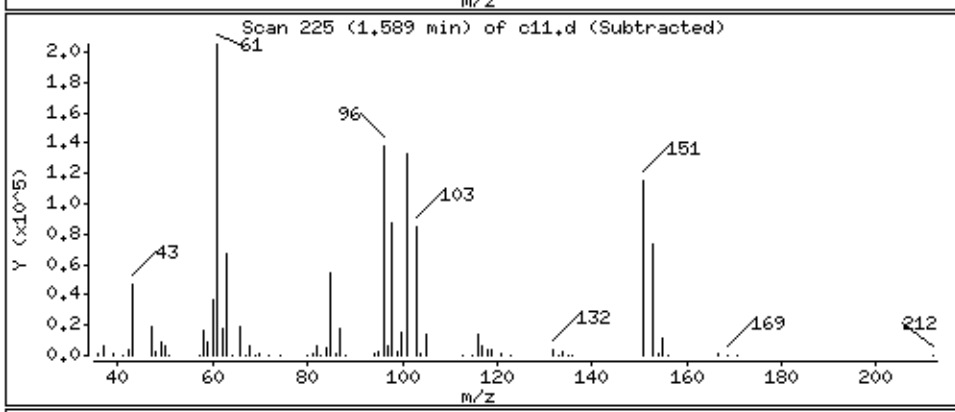
Column diameter: 0.18

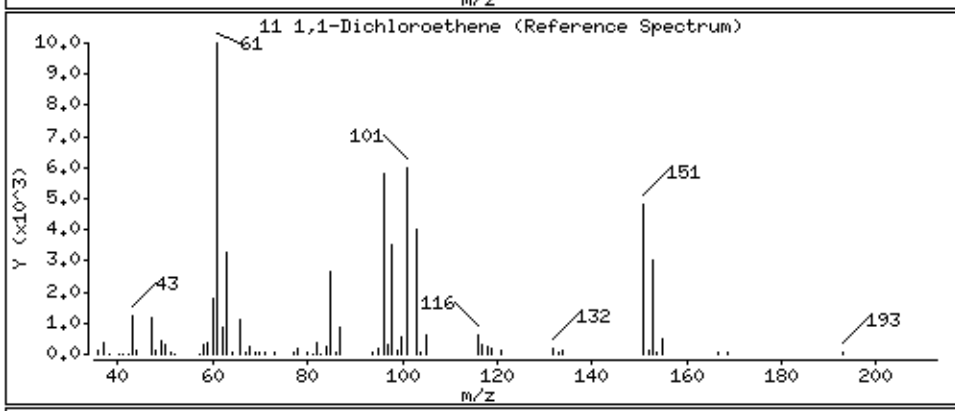
11 1,1-Dichloroethene

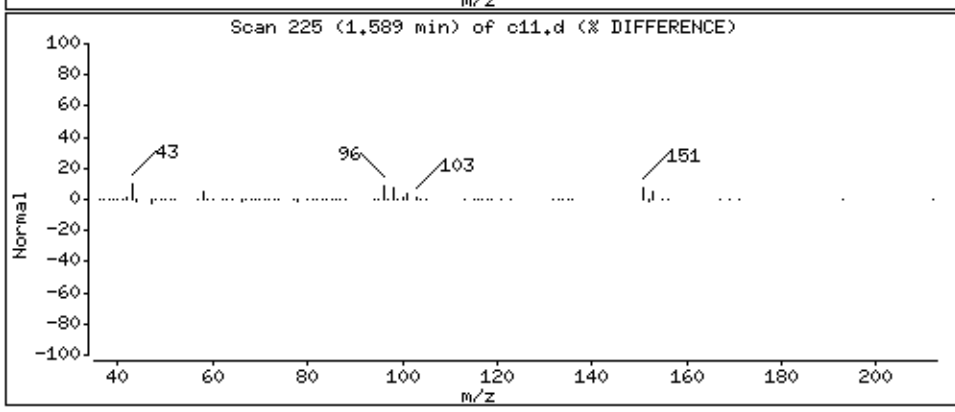
Concentration: 37.6 ppb

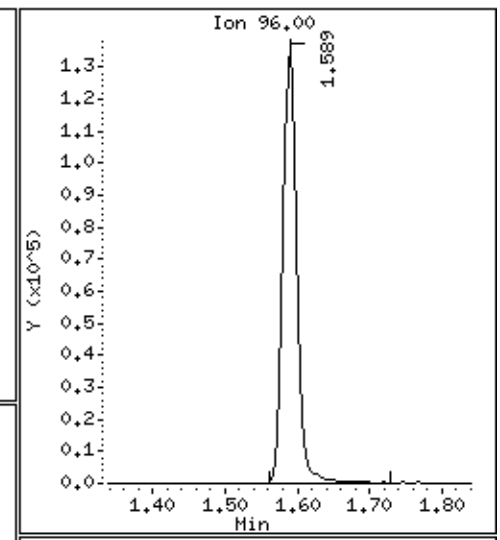
Review Code:

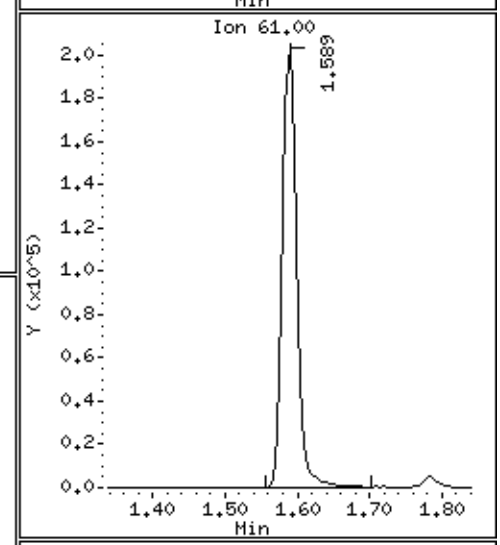


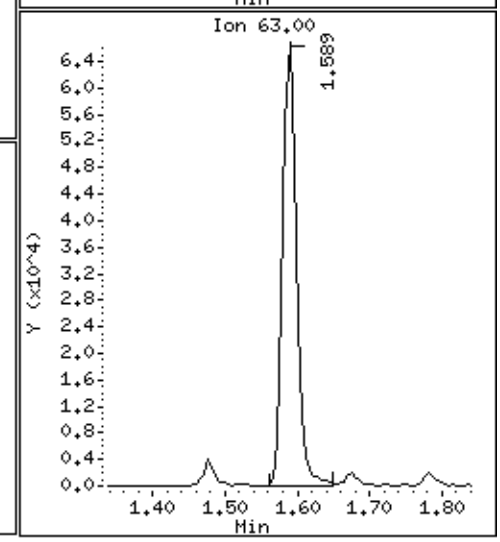












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

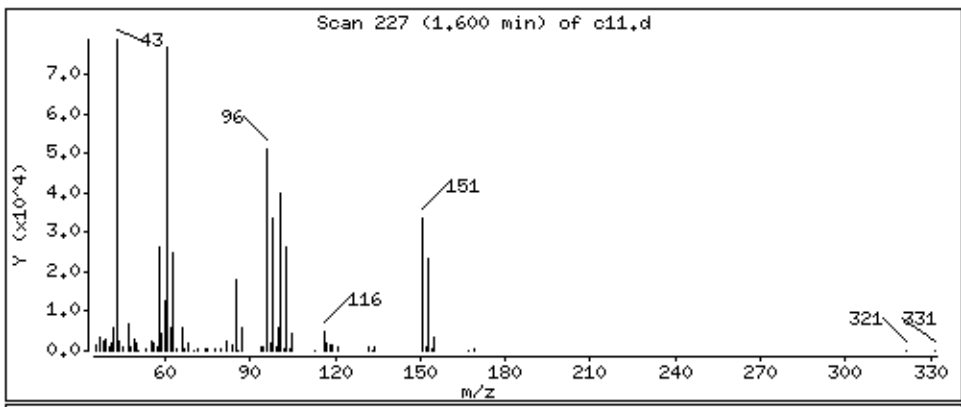
Column phase: DB-624

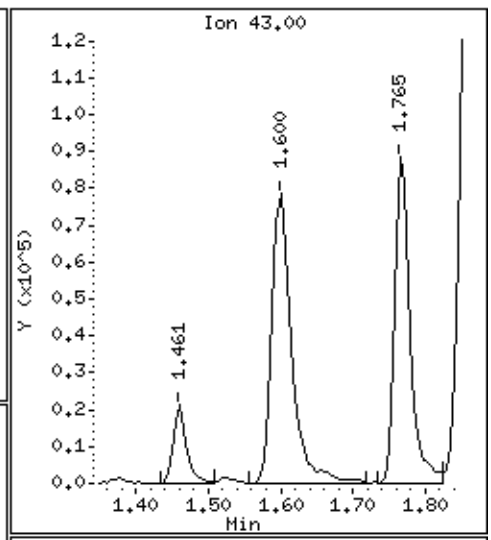
Column diameter: 0.18

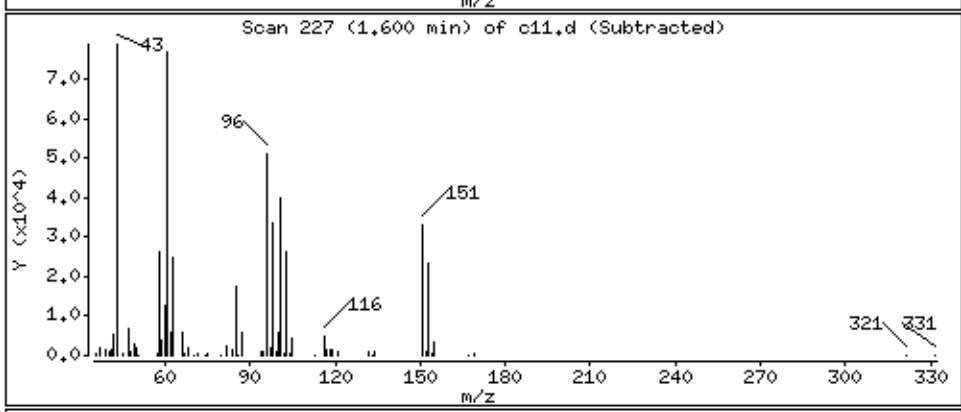
12 Acetone

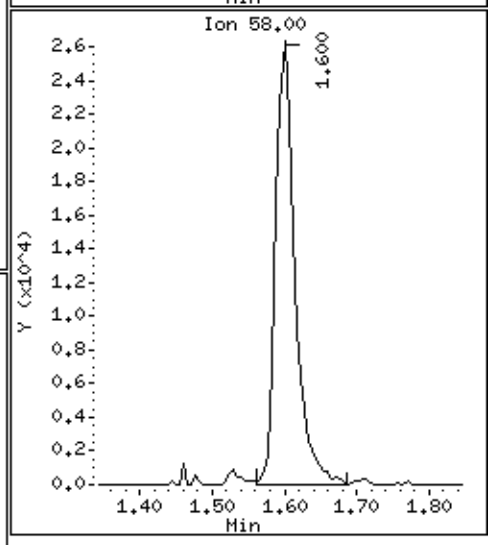
Concentration: 252 ppb

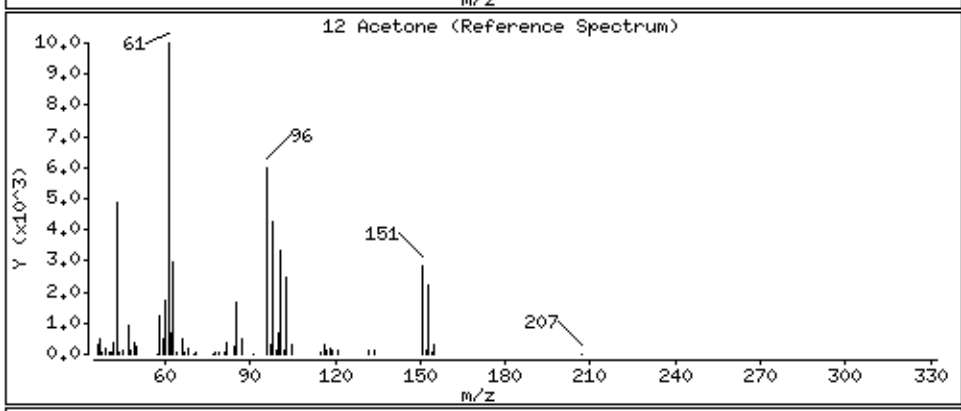
Review Code:

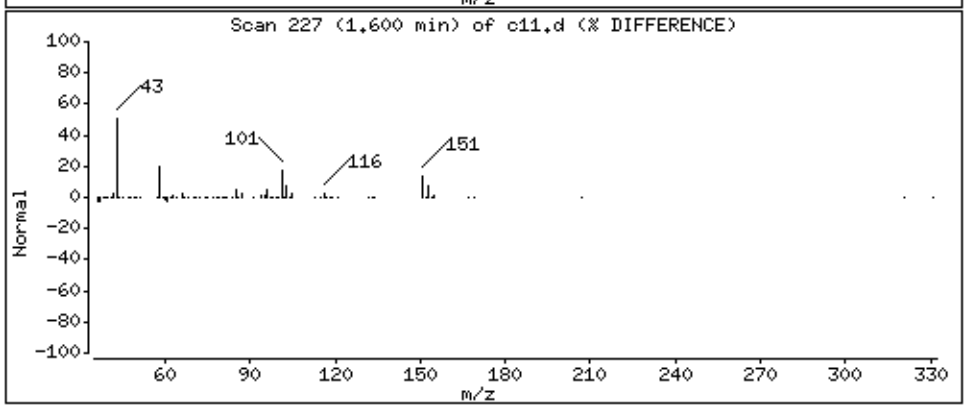












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

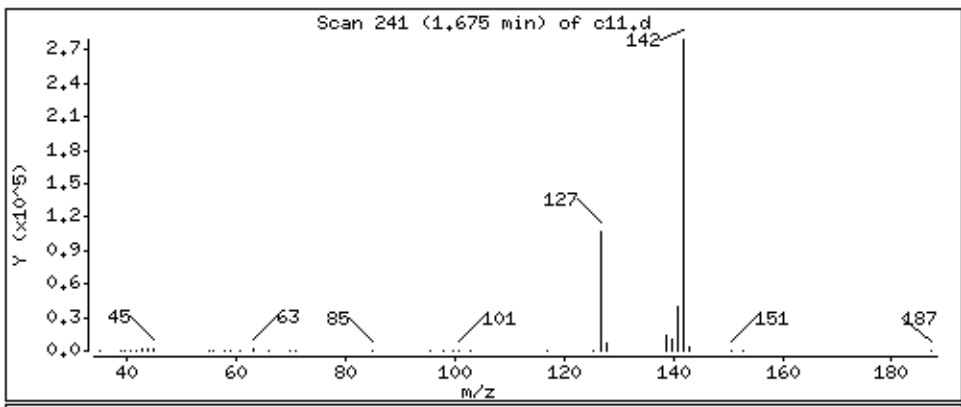
Column phase: DB-624

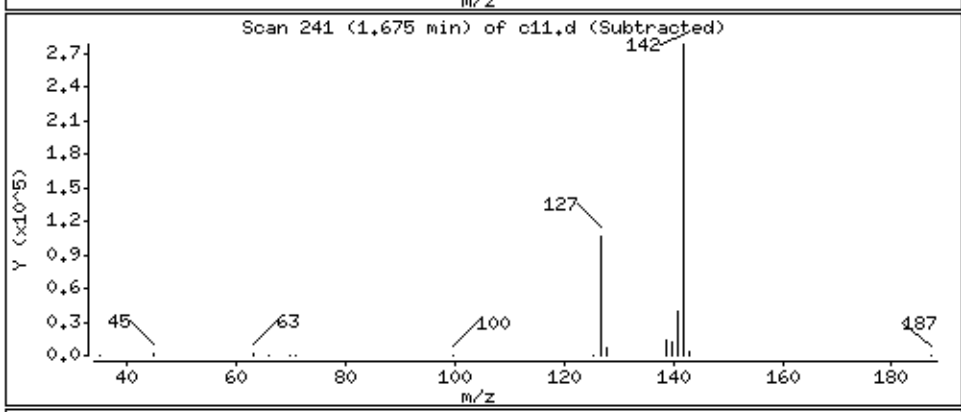
Column diameter: 0.18

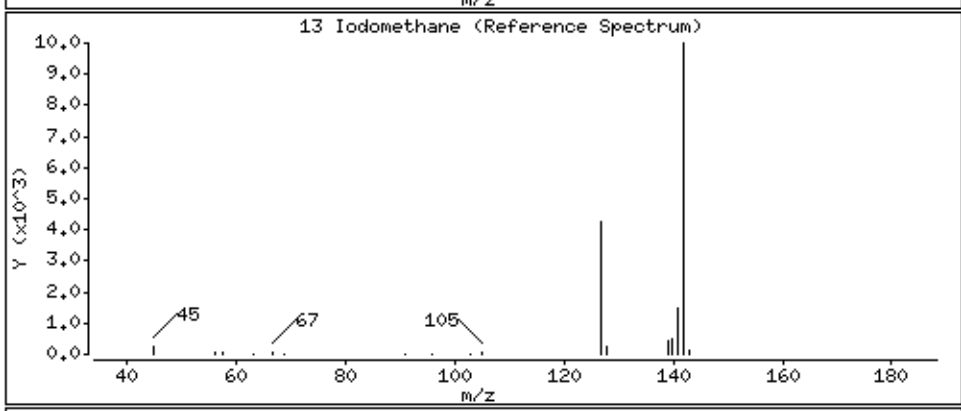
13 Iodomethane

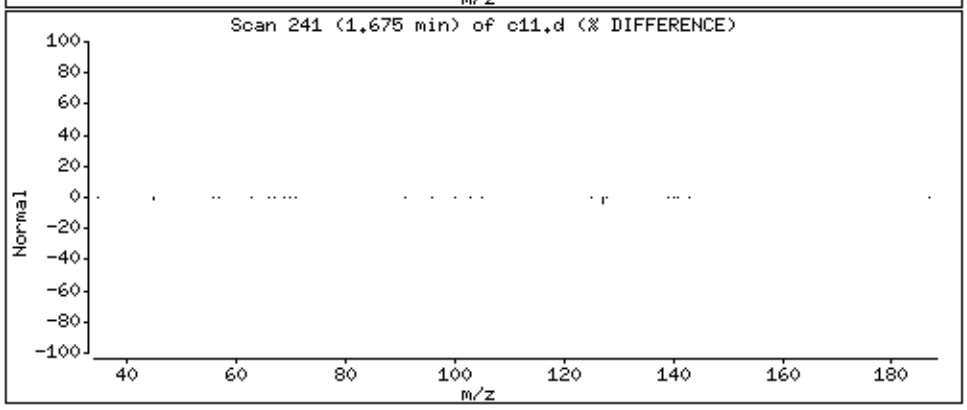
Concentration: 96.8 ppb

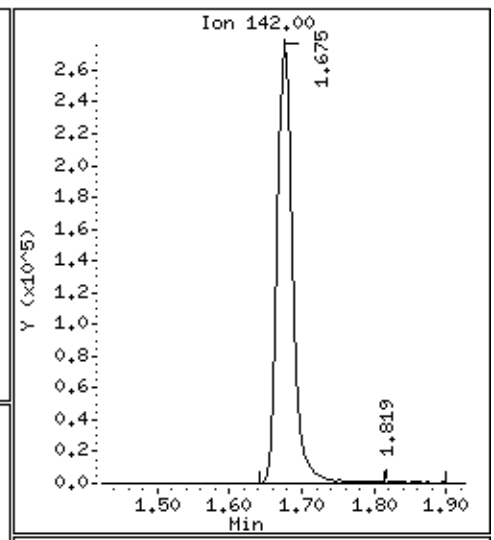
Review Code:

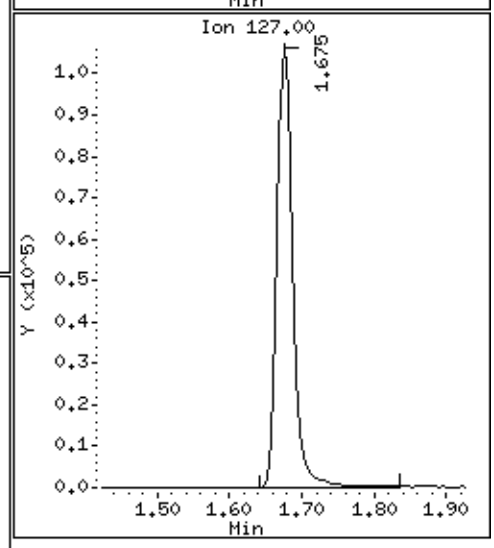












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

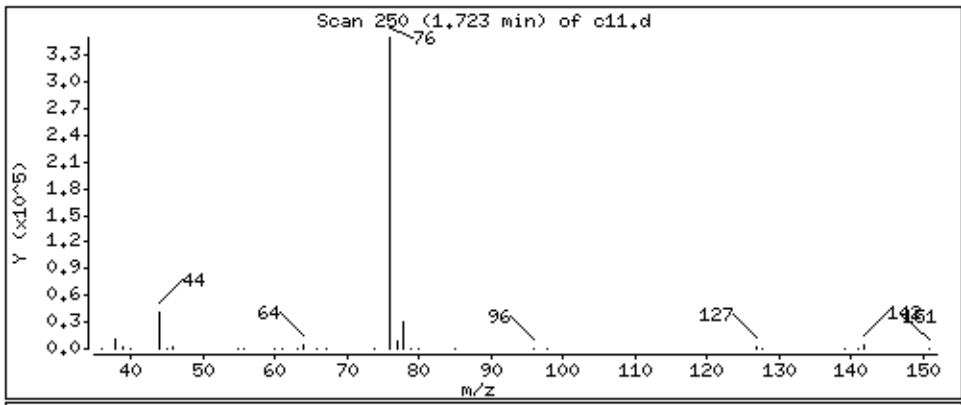
Column phase: DB-624

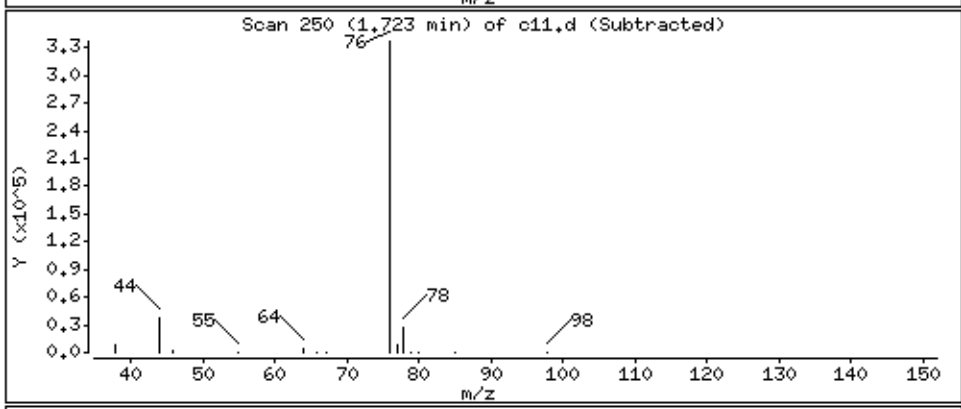
Column diameter: 0.18

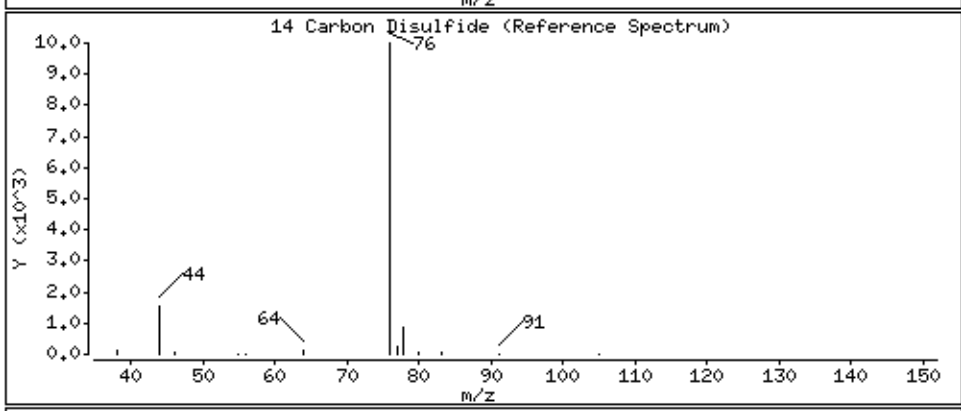
14 Carbon Disulfide

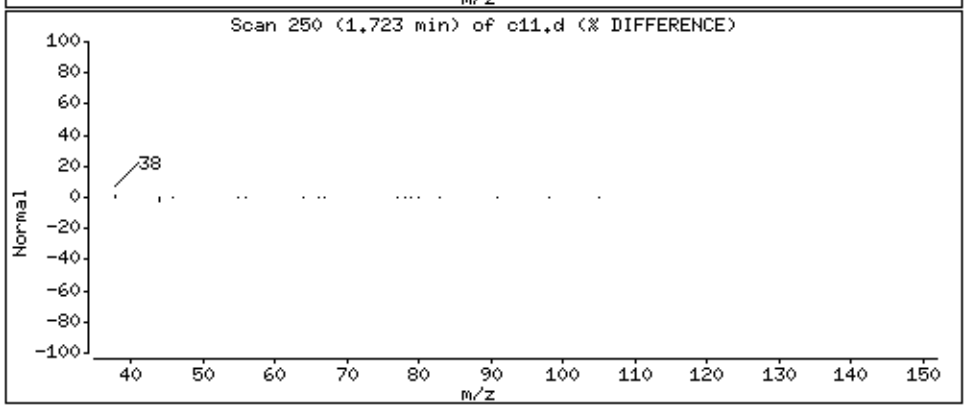
Concentration: 32.7 ppb

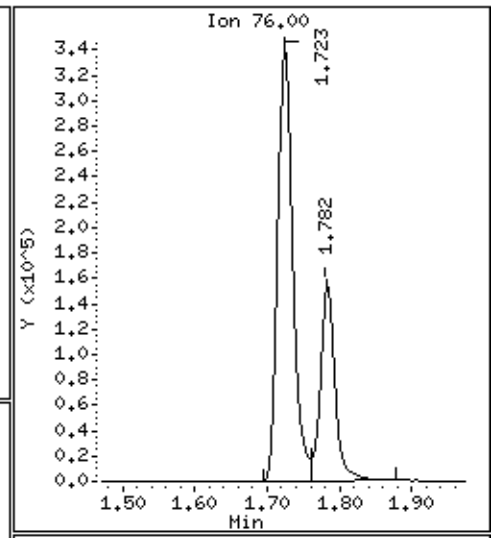
Review Code:

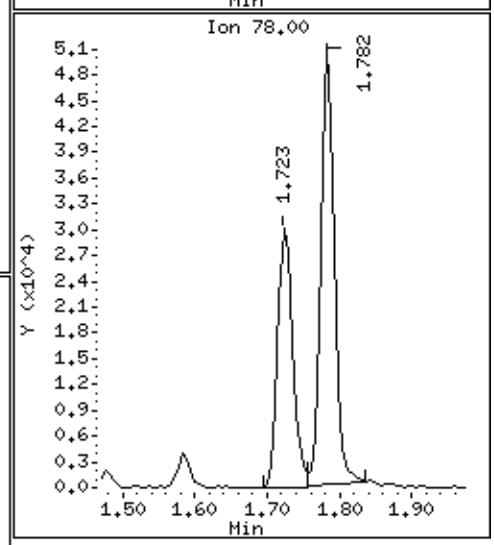












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

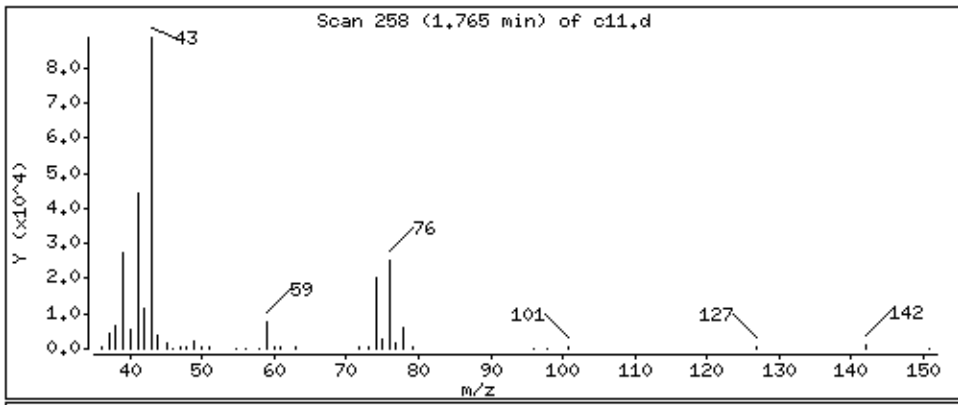
Column phase: DB-624

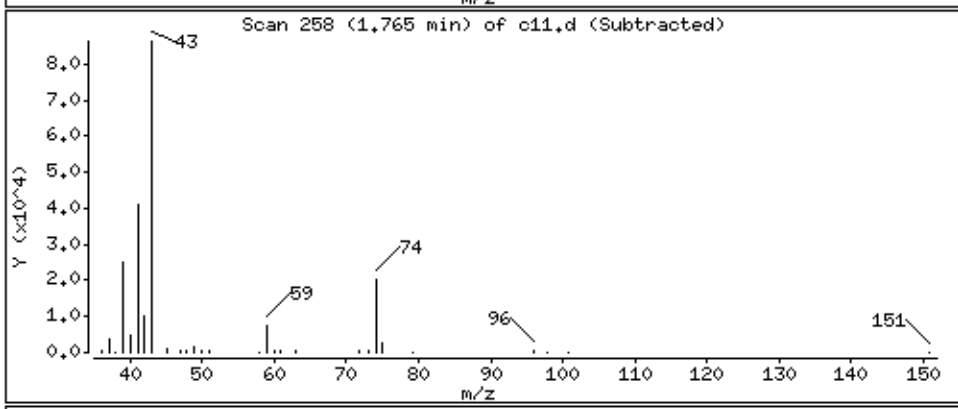
Column diameter: 0.18

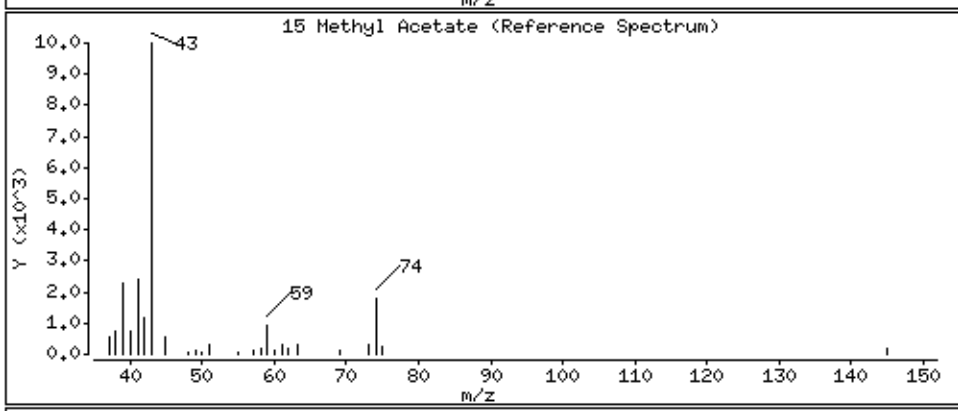
15 Methyl Acetate

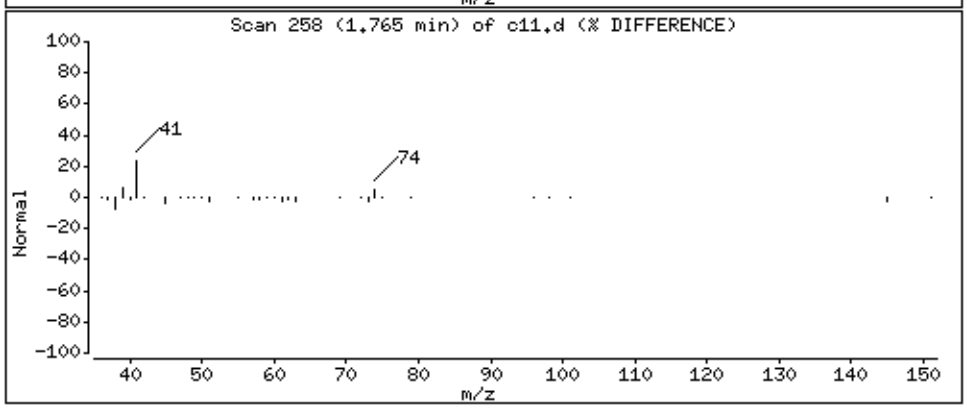
Concentration: 80.3 ppb

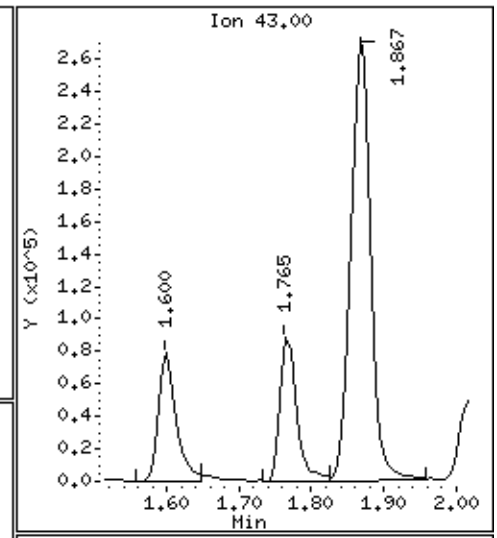
Review Code:

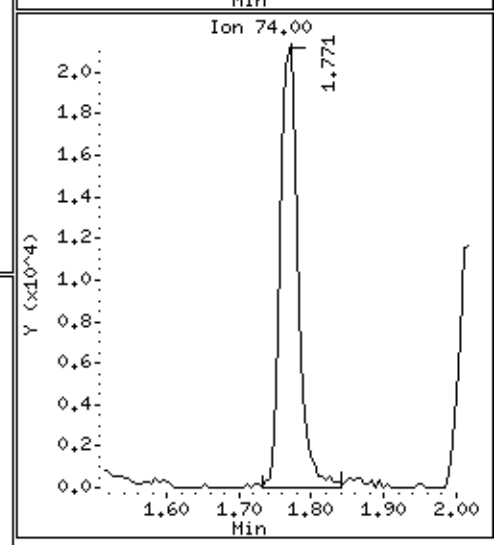












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

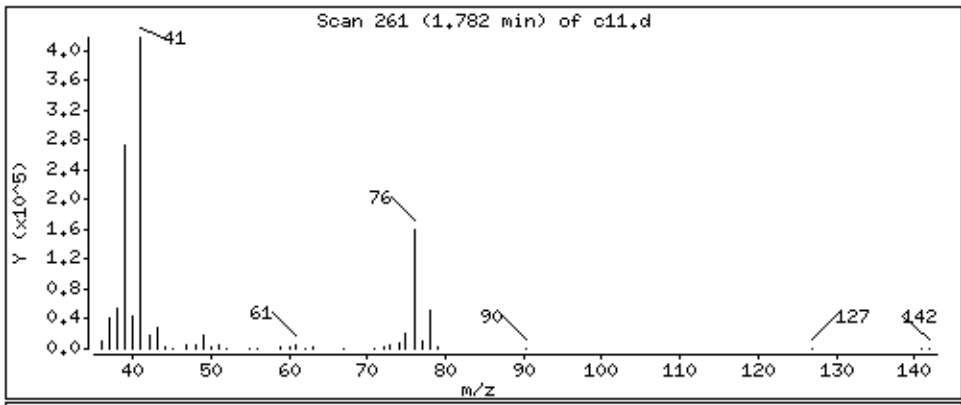
Column phase: DB-624

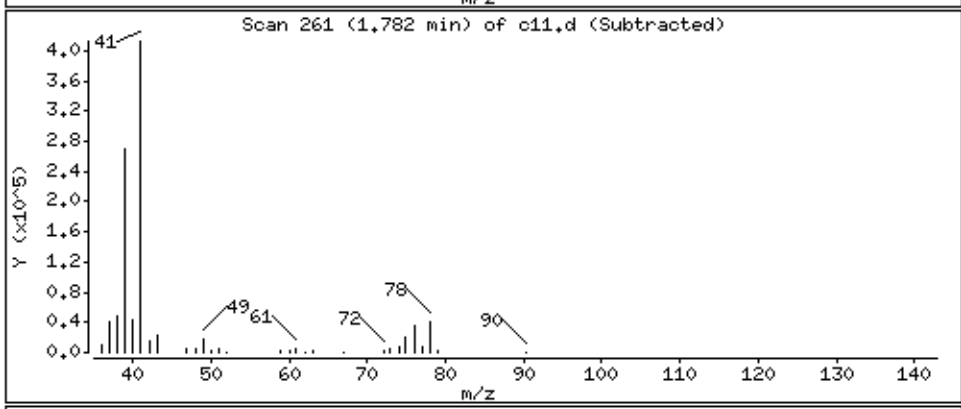
Column diameter: 0.18

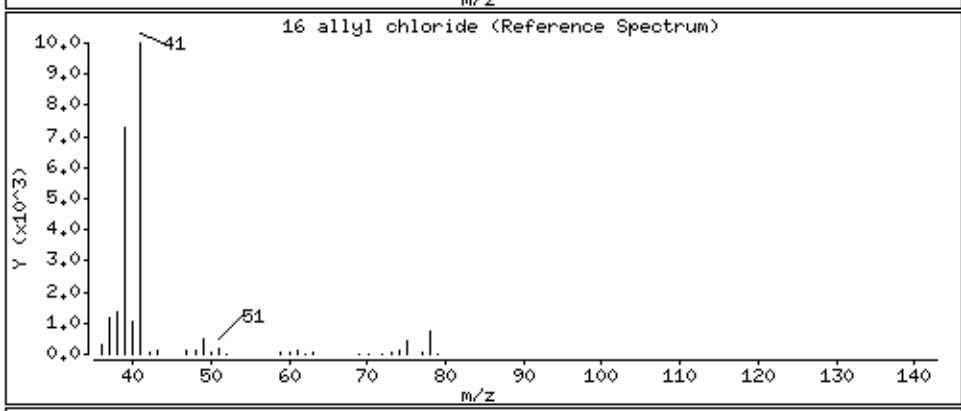
16 allyl chloride

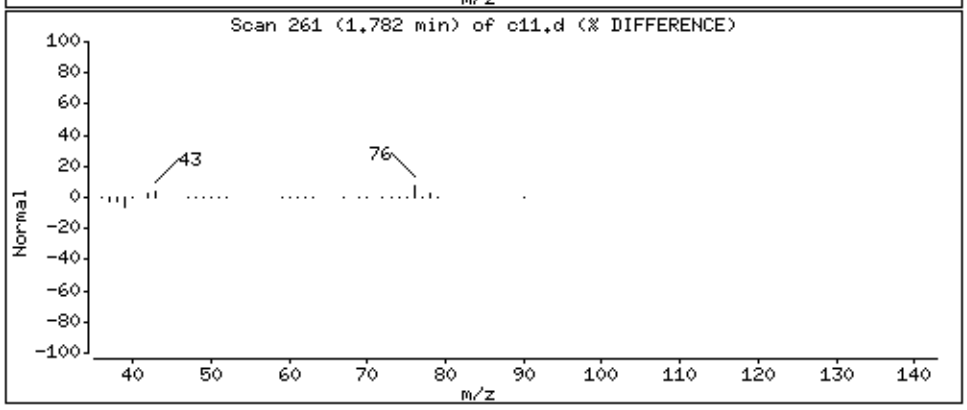
Concentration: 83.1 ppb

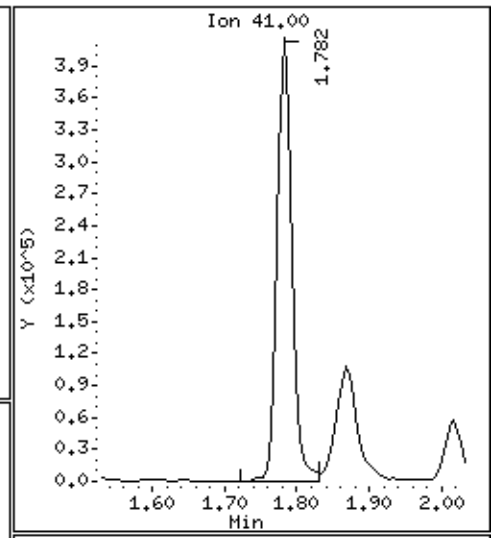
Review Code:

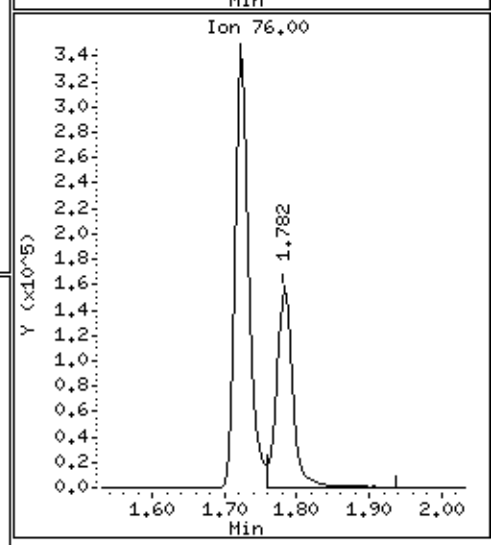












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

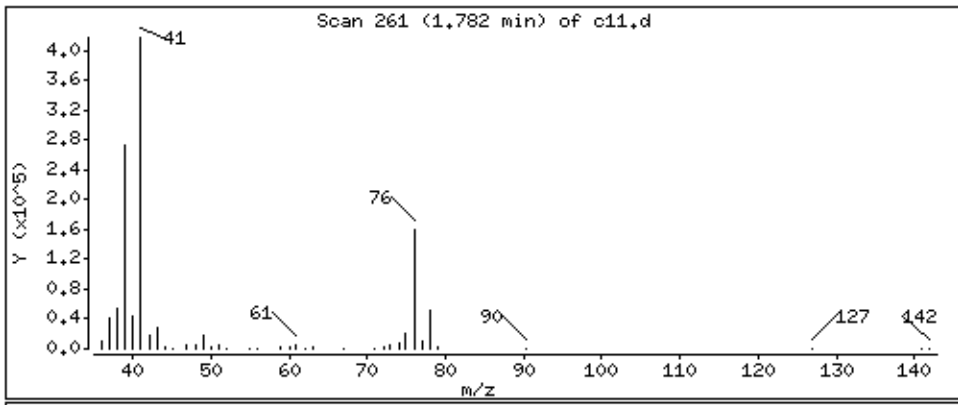
Column phase: DB-624

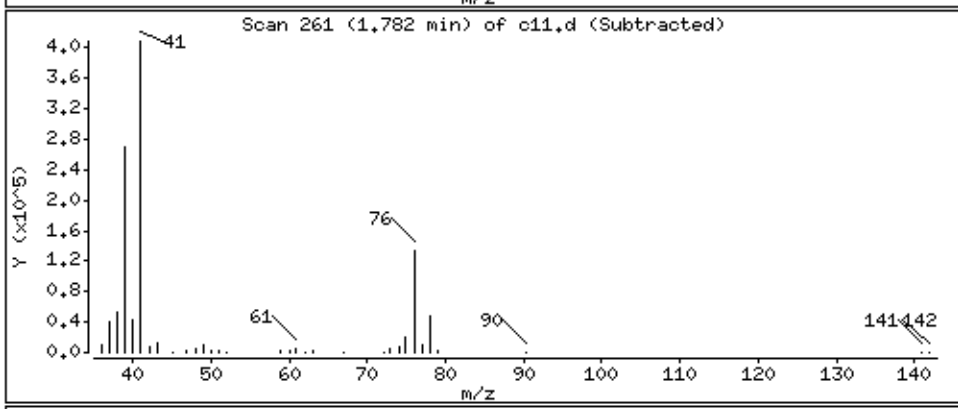
Column diameter: 0.18

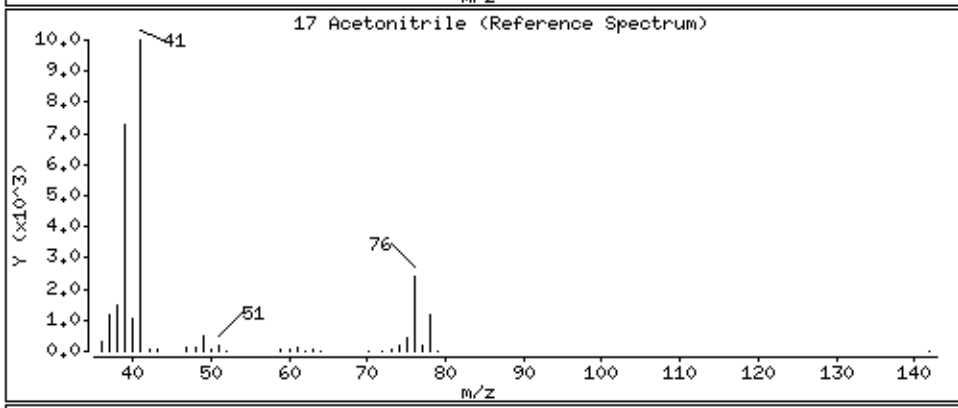
17 Acetonitrile

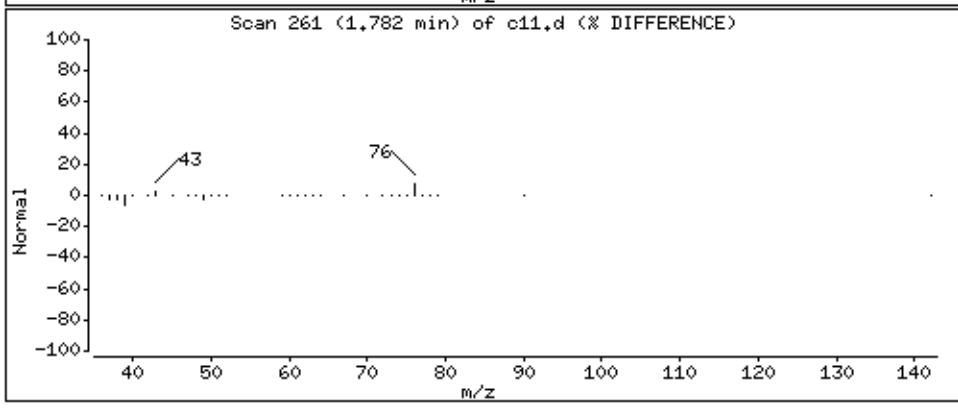
Concentration: 37.8 ppb

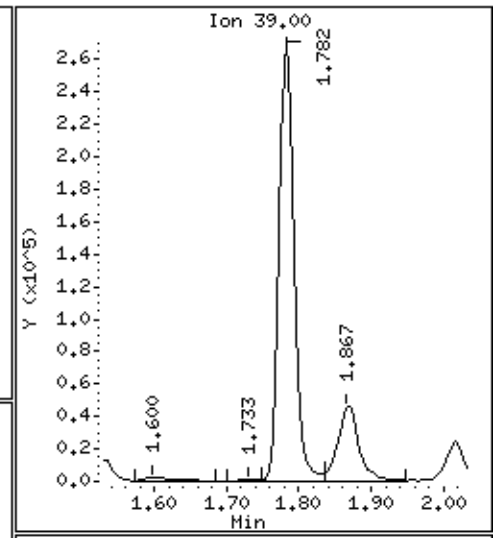
Review Code:

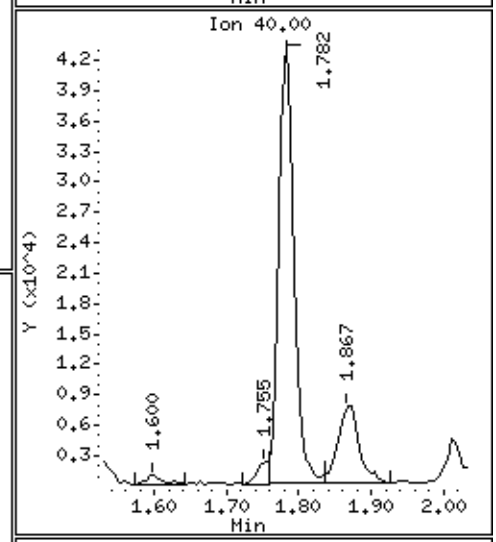


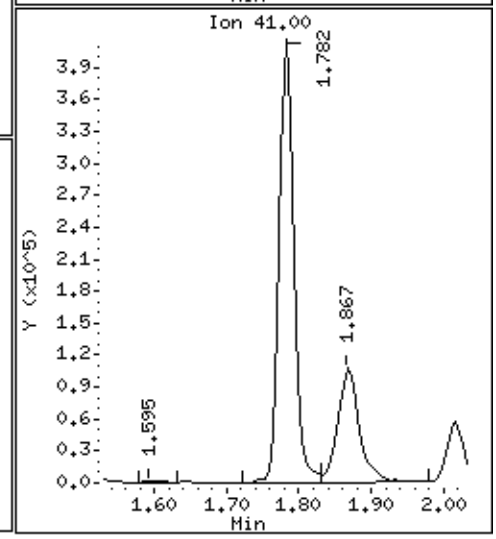












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

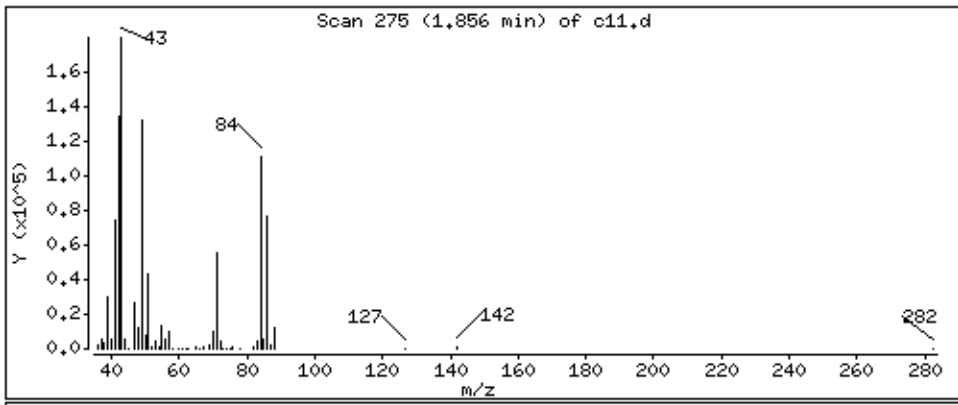
Column phase: DB-624

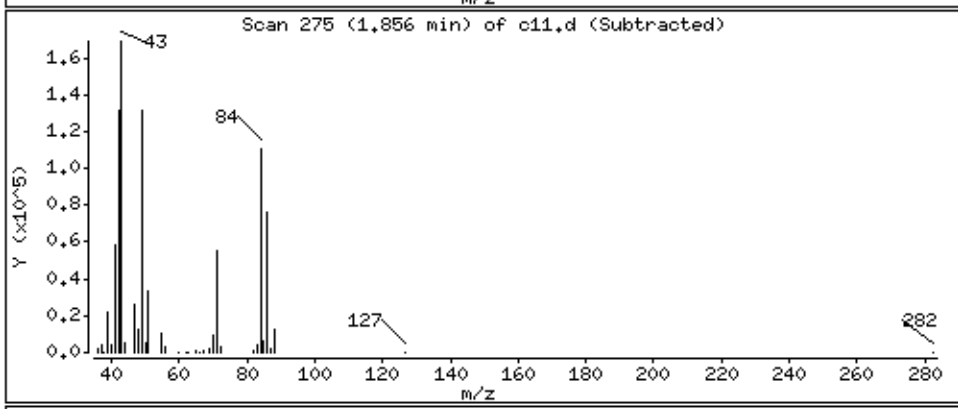
Column diameter: 0.18

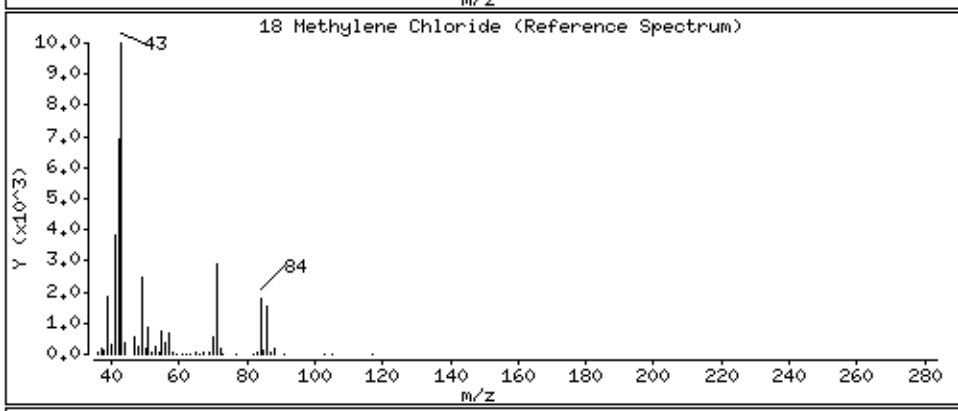
18 Methylene Chloride

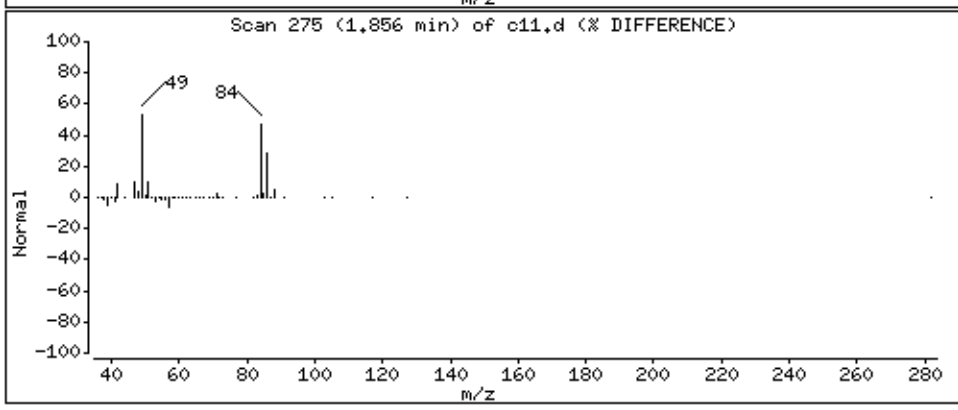
Concentration: 38.7 ppb

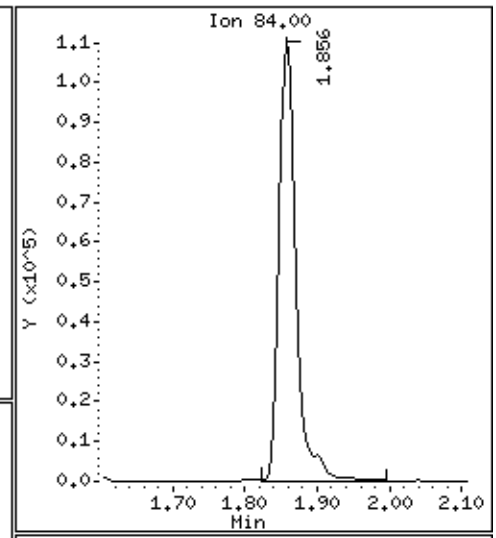
Review Code:

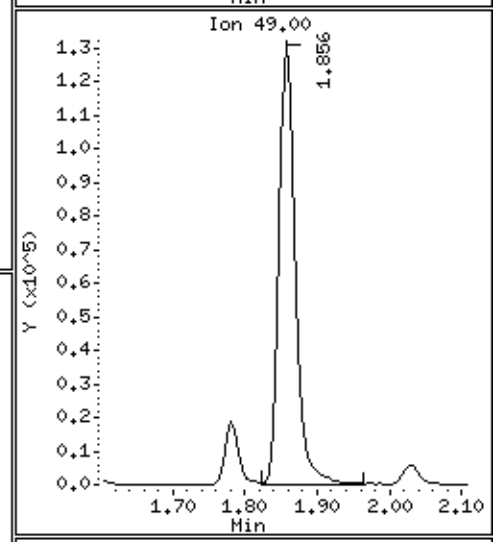


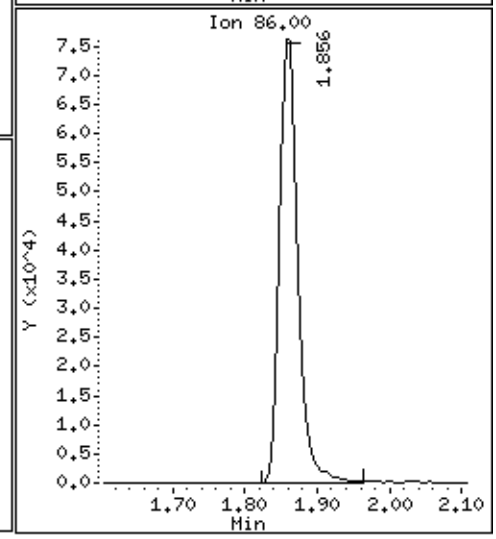












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

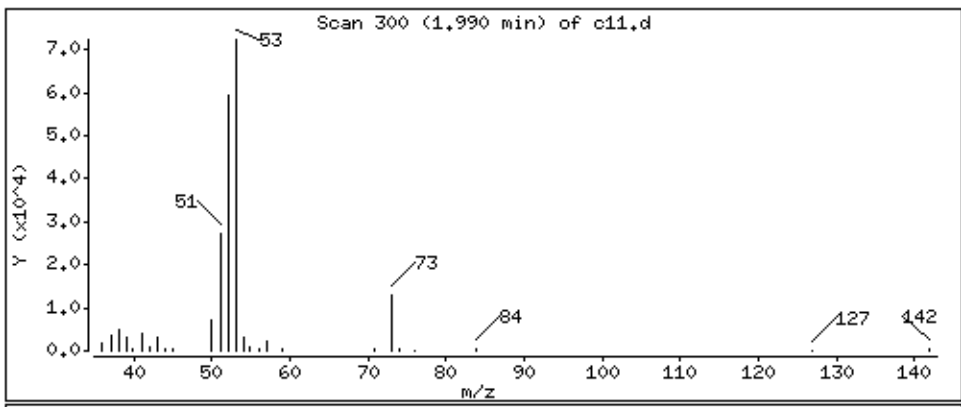
Column phase: DB-624

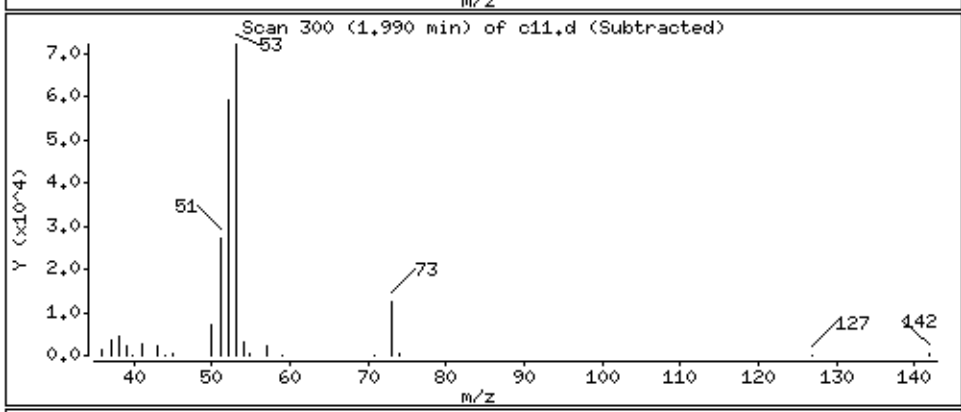
Column diameter: 0.18

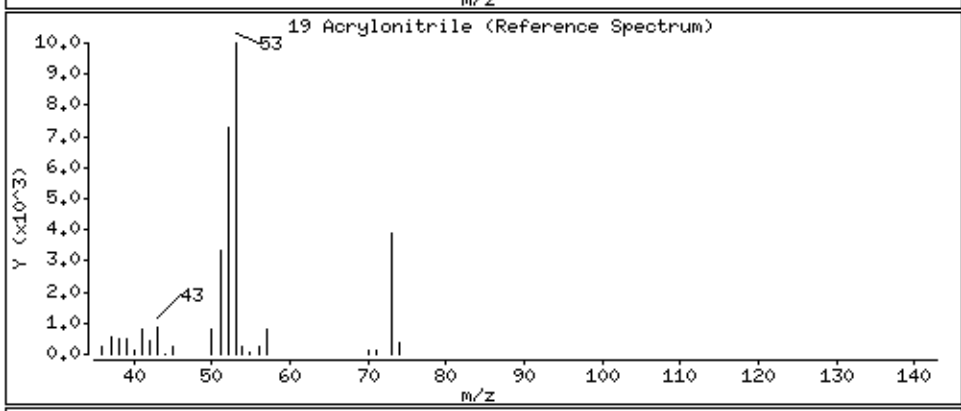
19 Acrylonitrile

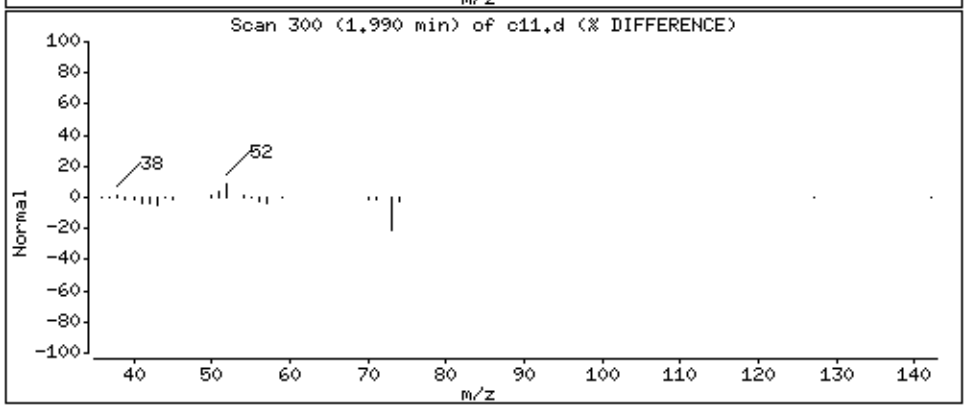
Concentration: 178 ppb

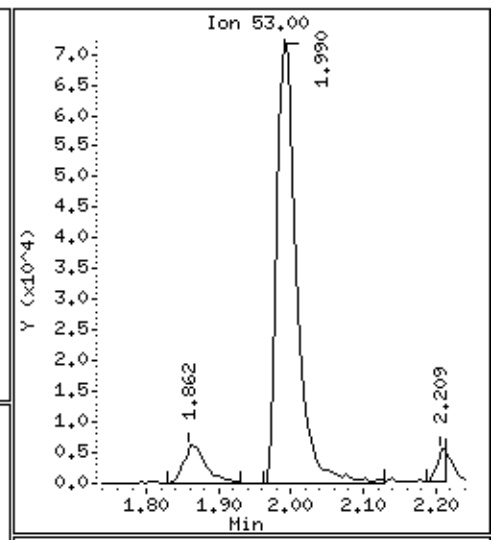
Review Code:

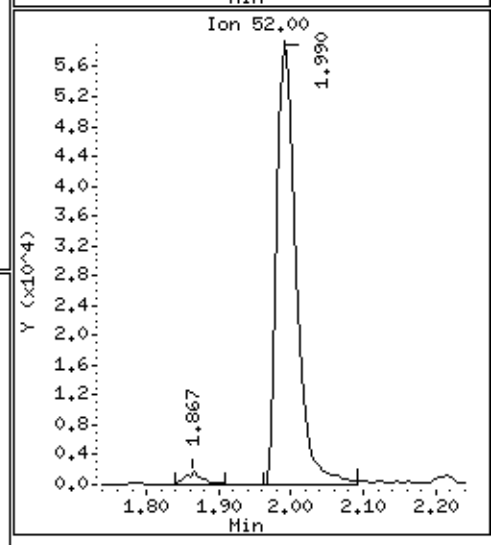












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

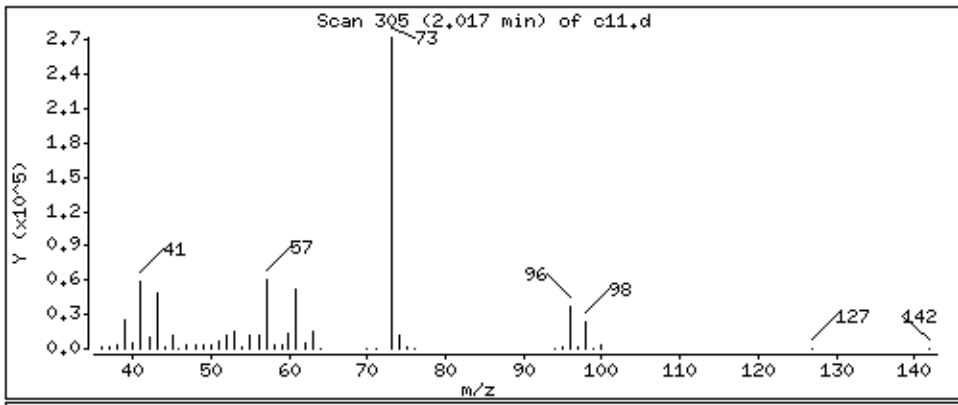
Column phase: DB-624

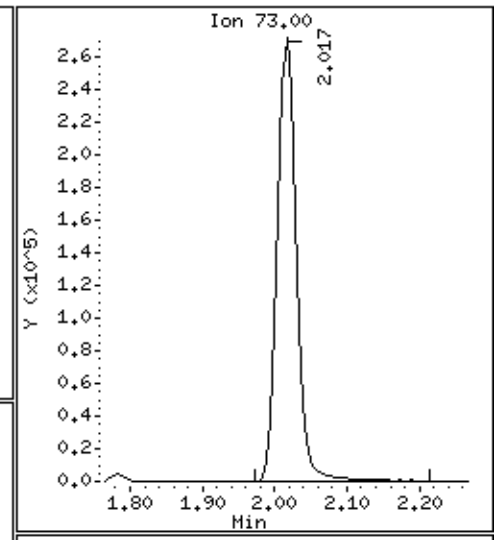
Column diameter: 0.18

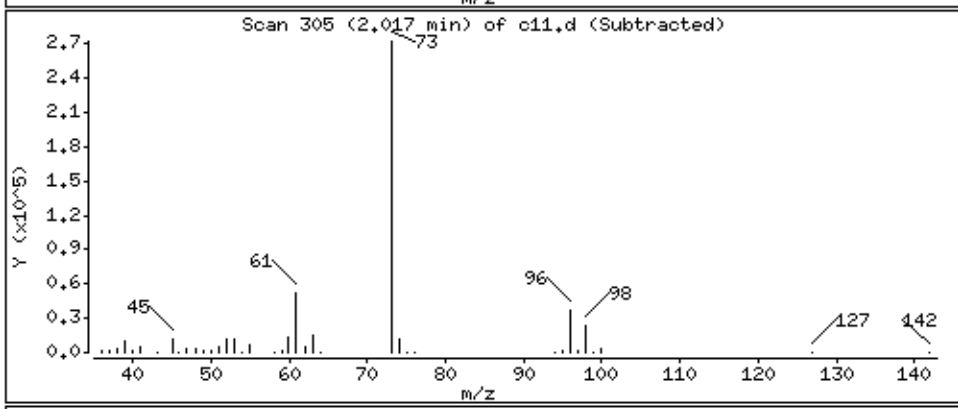
20 Methyl-tert-butyl ether

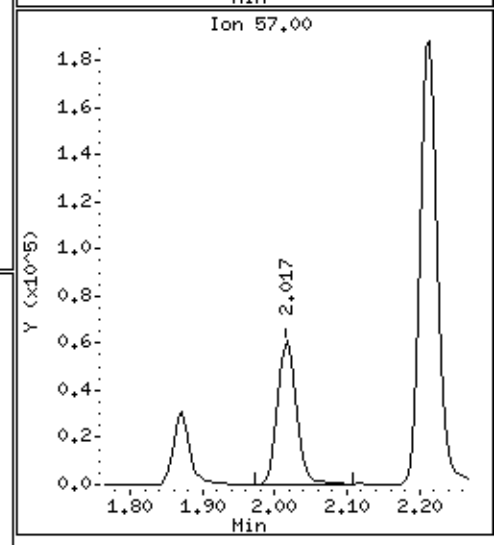
Concentration: 43.1 ppb

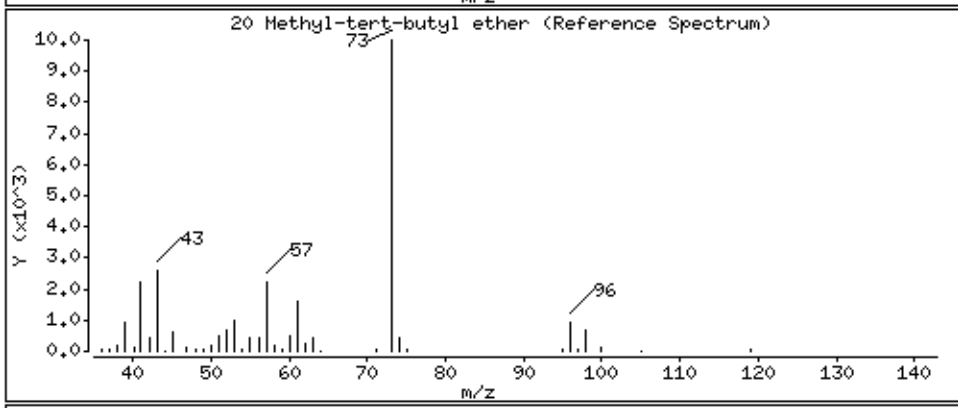
Review Code:

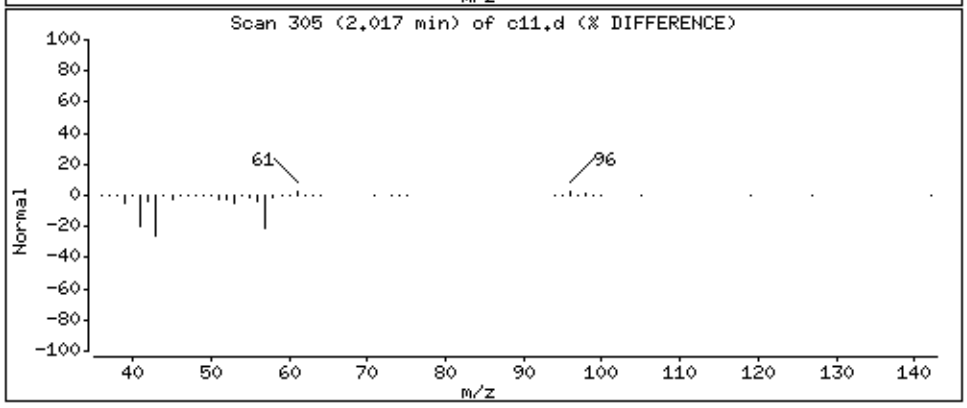












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

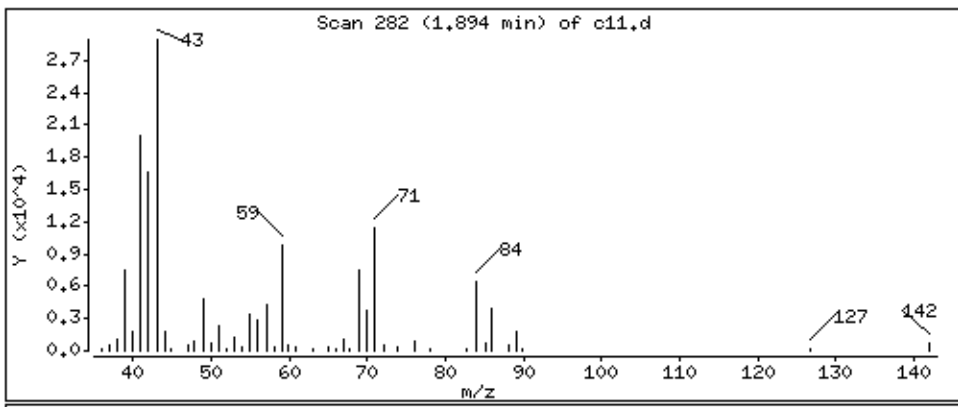
Column phase: DB-624

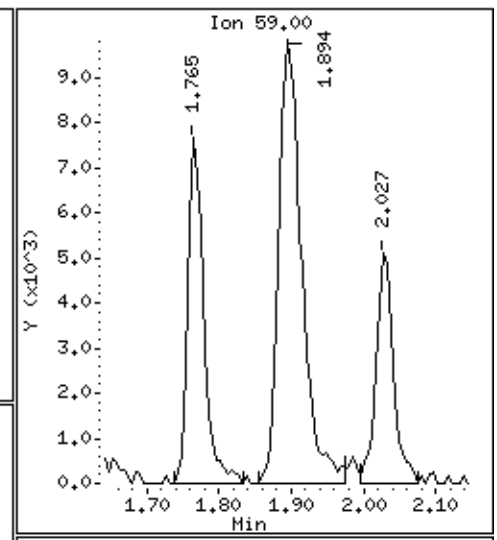
Column diameter: 0.18

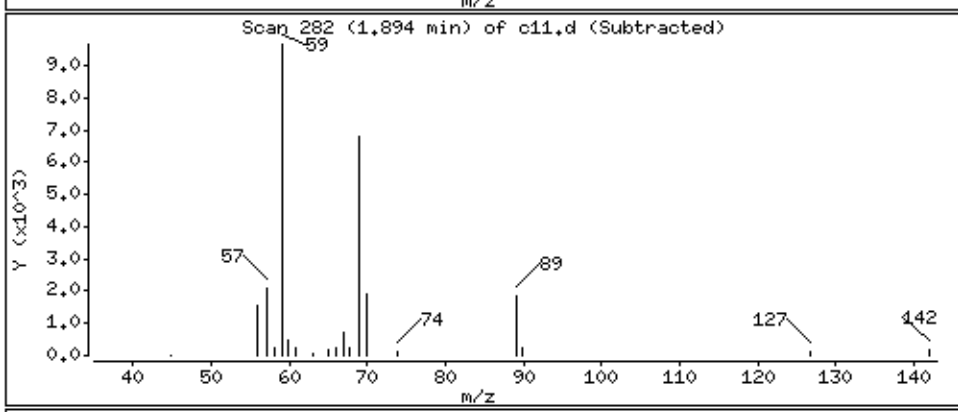
21 tert-Butyl Alcohol

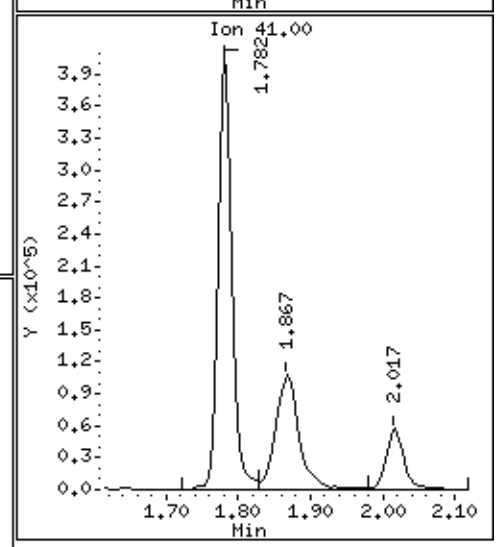
Concentration: 69.0 ppb

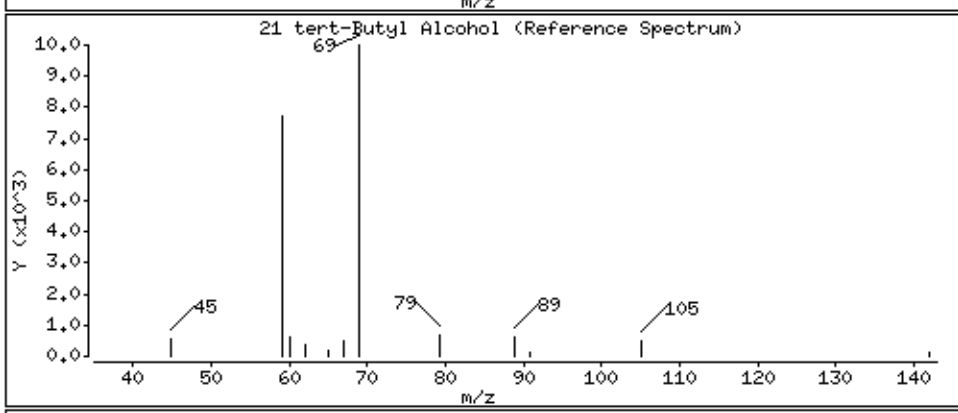
Review Code:

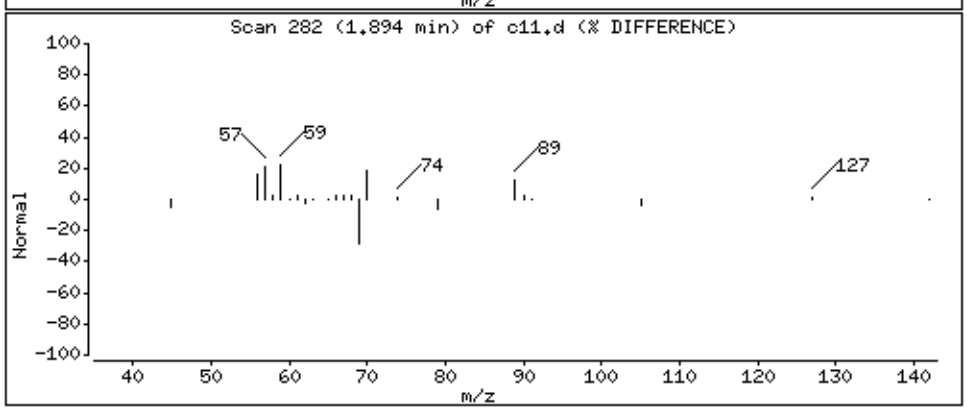












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

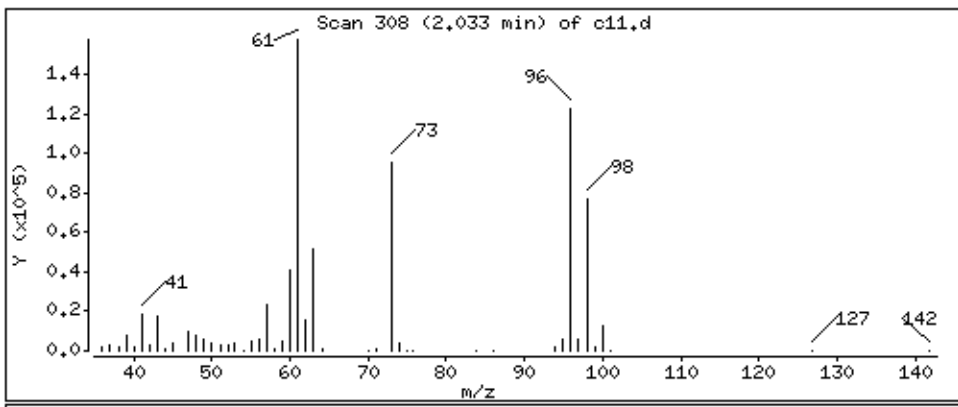
Column phase: DB-624

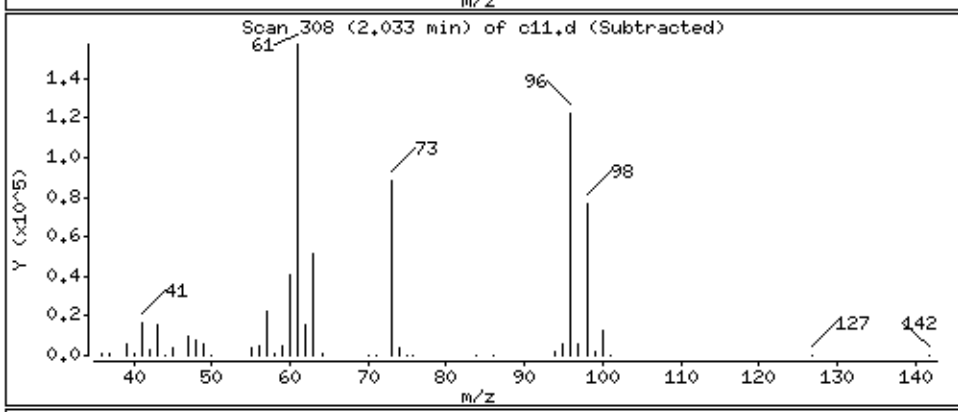
Column diameter: 0.18

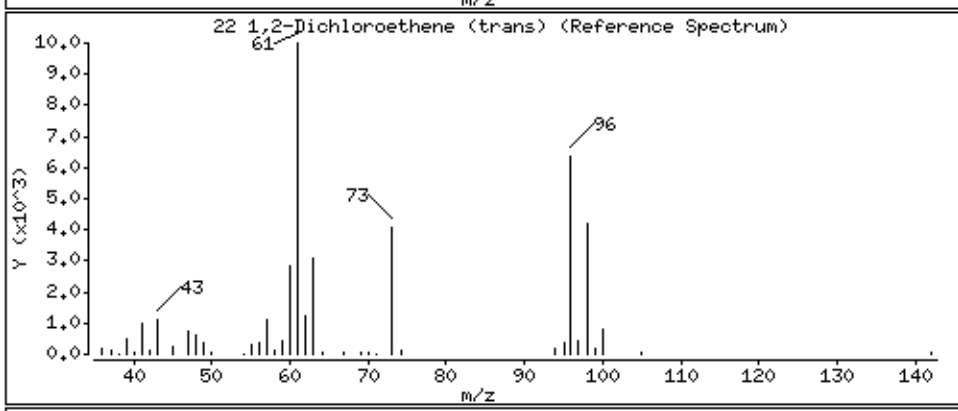
22 1,2-Dichloroethene (trans)

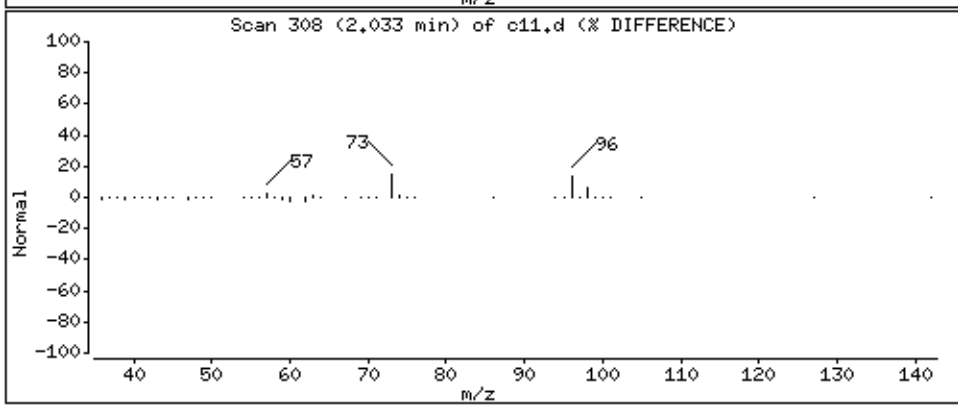
Concentration: 37.8 ppb

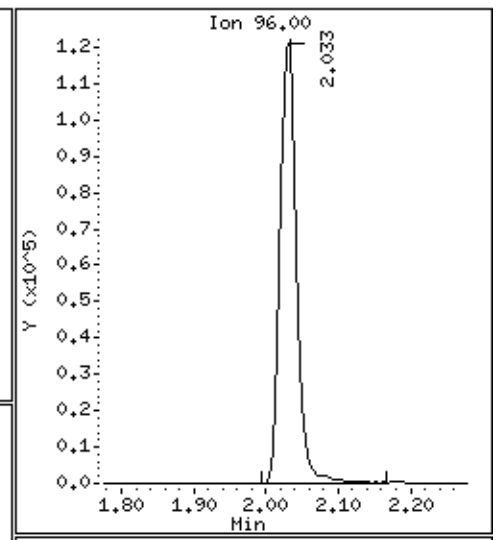
Review Code:

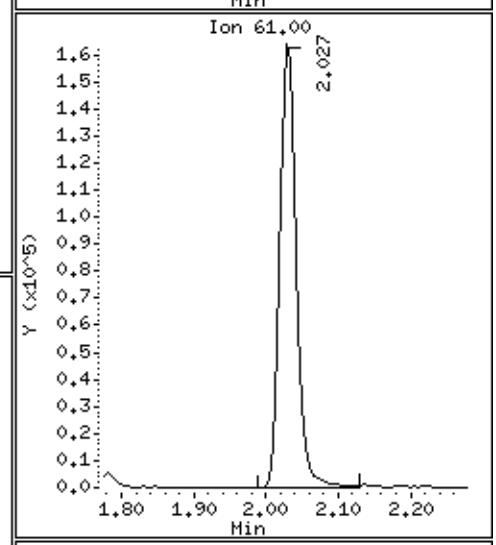


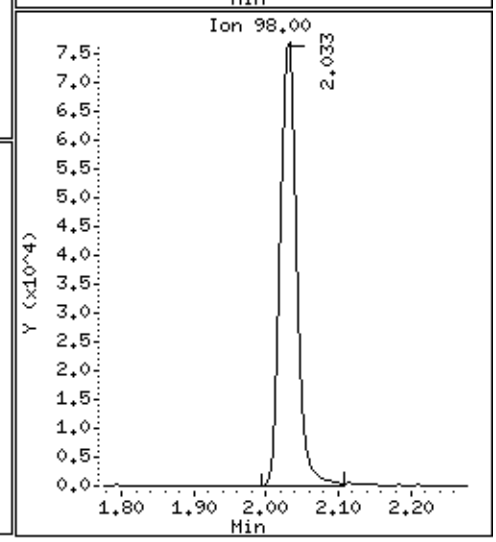












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

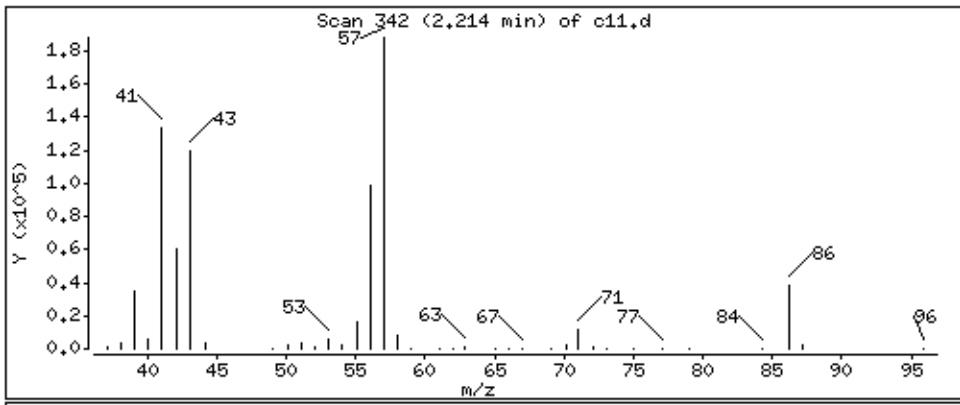
Column phase: DB-624

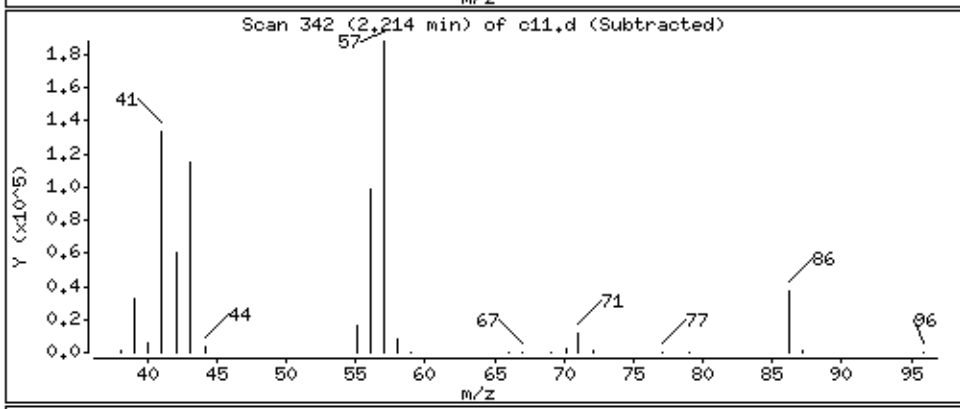
Column diameter: 0.18

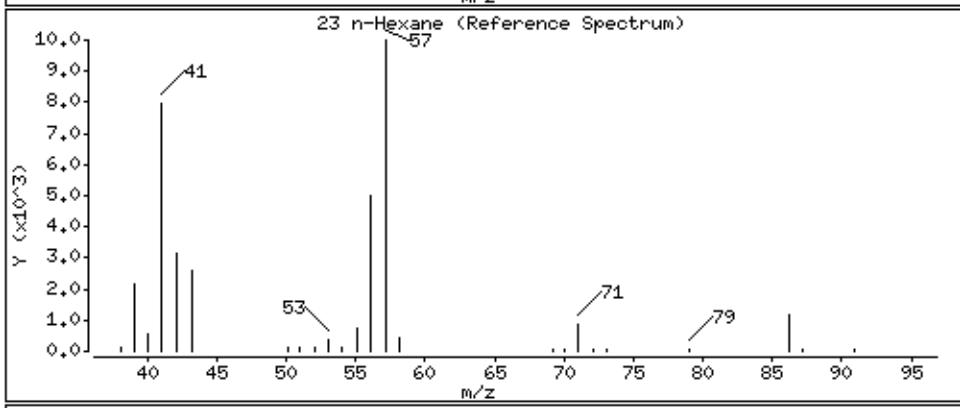
23 n-Hexane

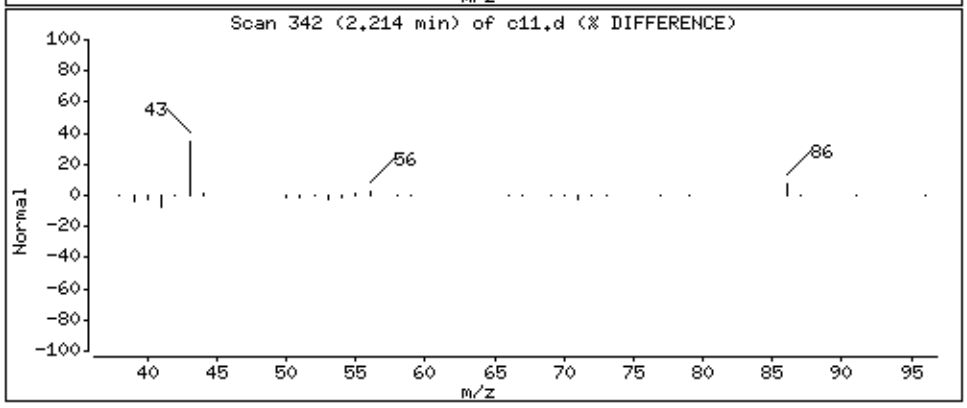
Concentration: 33.2 ppb

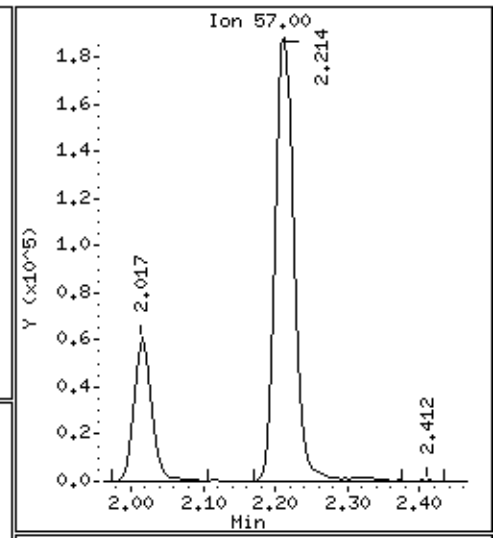
Review Code:

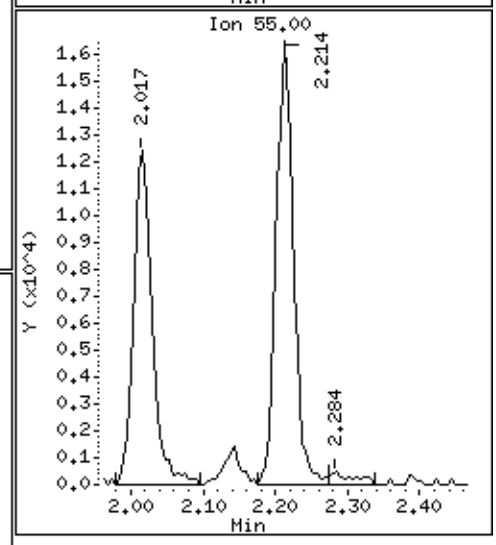












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

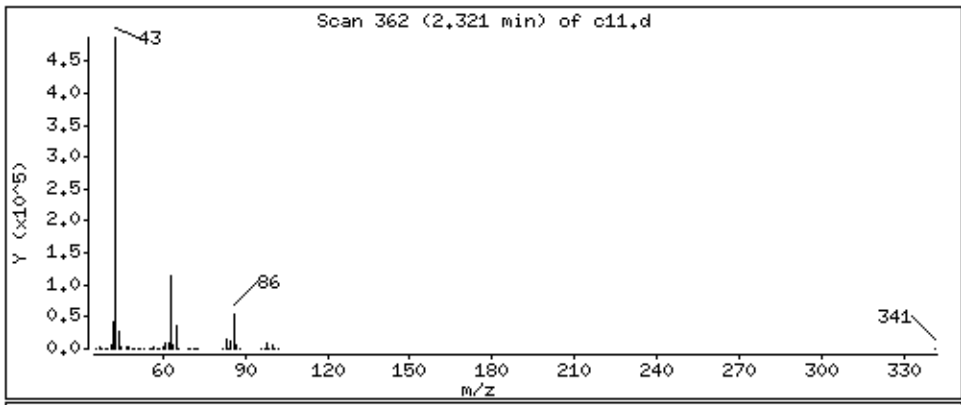
Column phase: DB-624

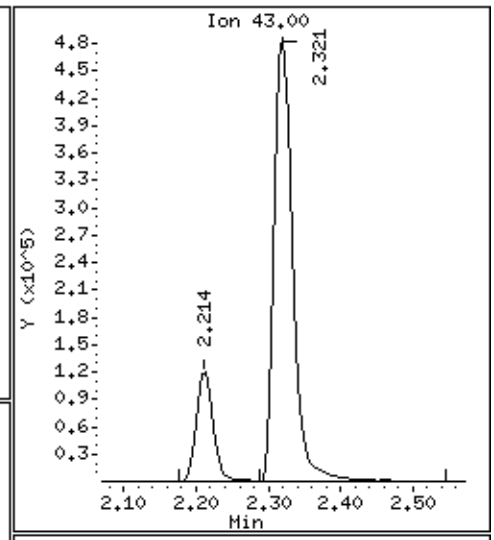
Column diameter: 0.18

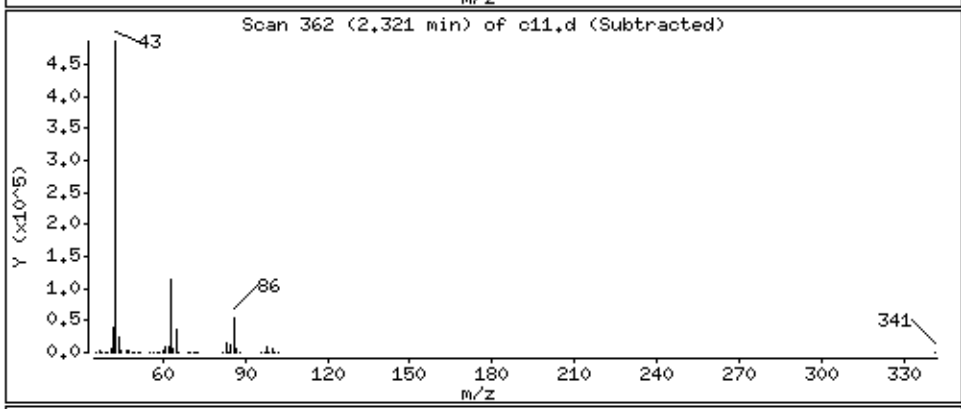
24 Vinyl Acetate

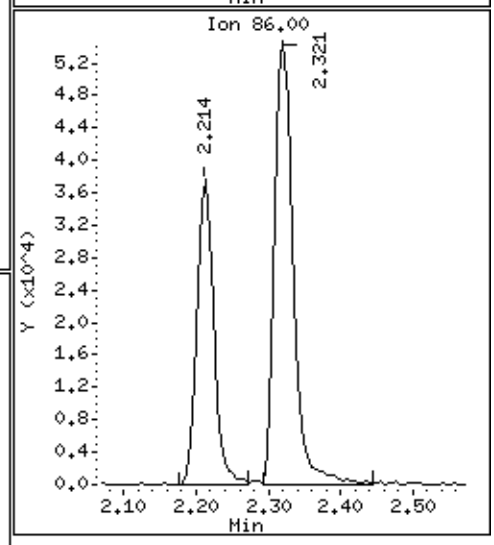
Concentration: 124 ppb

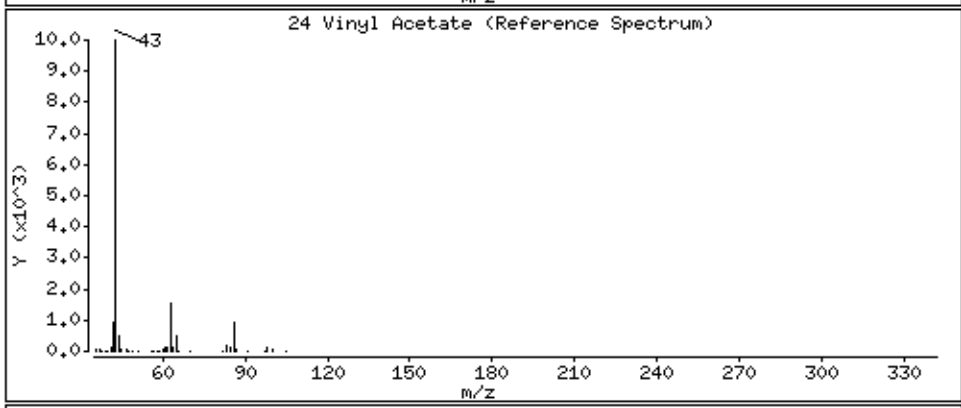
Review Code:

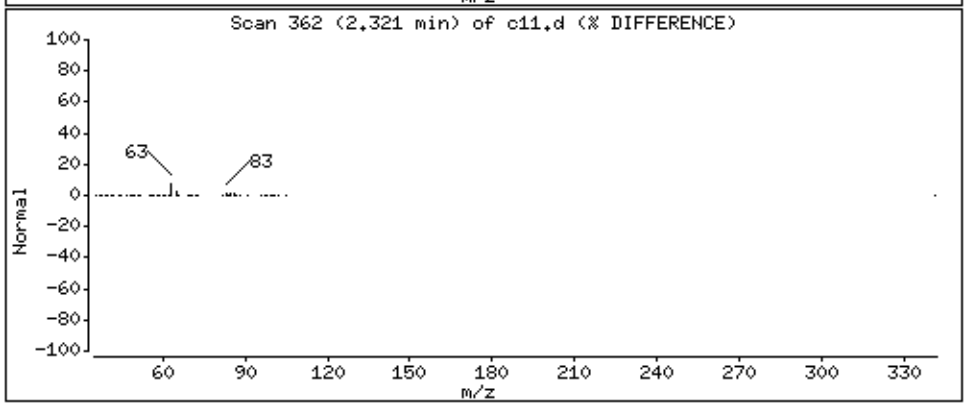












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

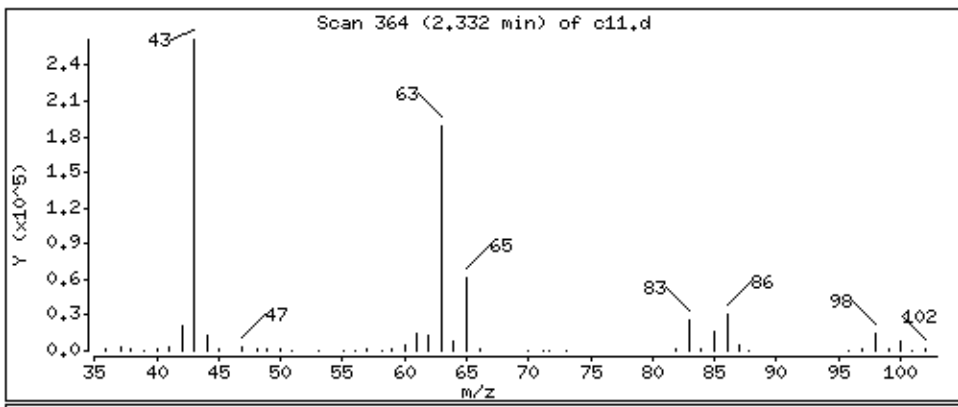
Column phase: DB-624

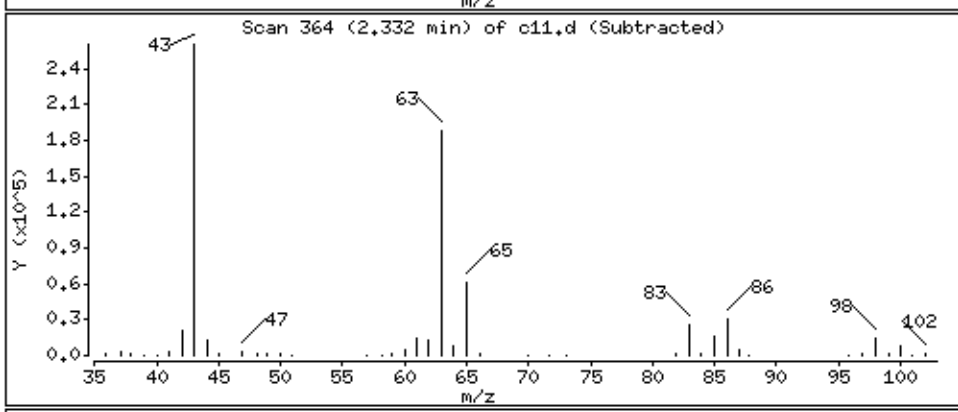
Column diameter: 0.18

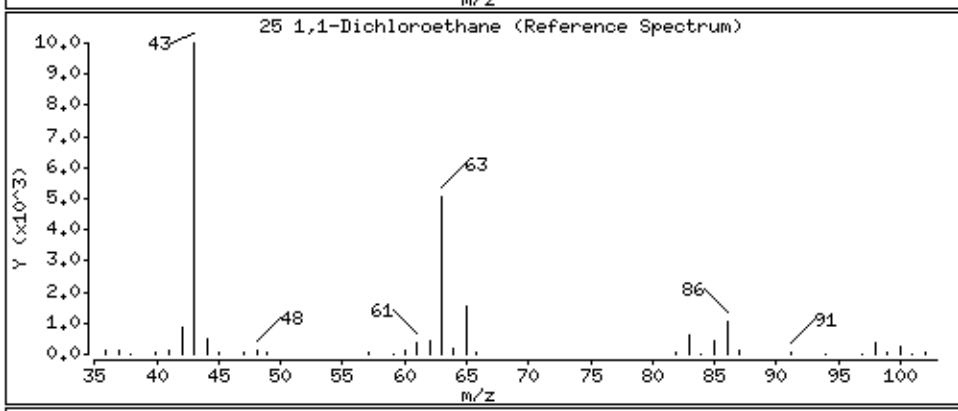
25 1,1-Dichloroethane

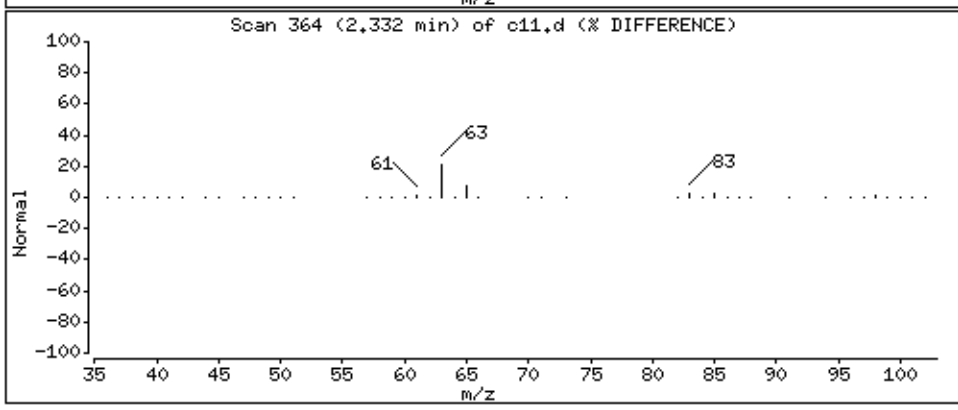
Concentration: 37.1 ppb

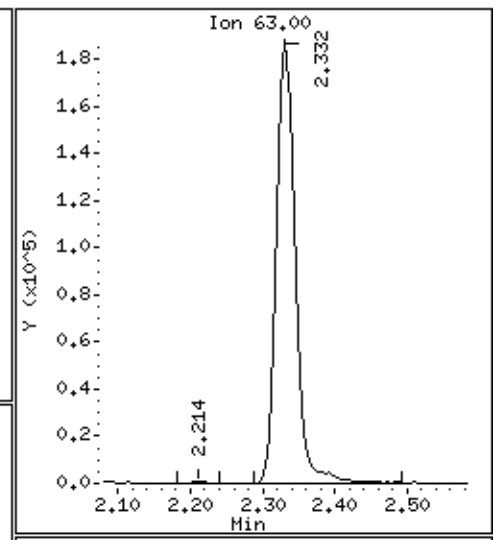
Review Code:

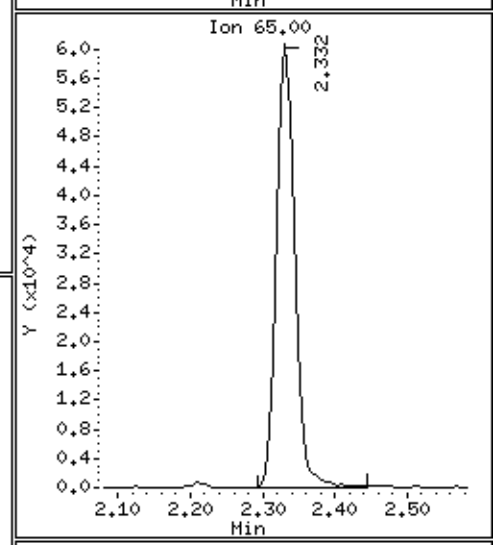


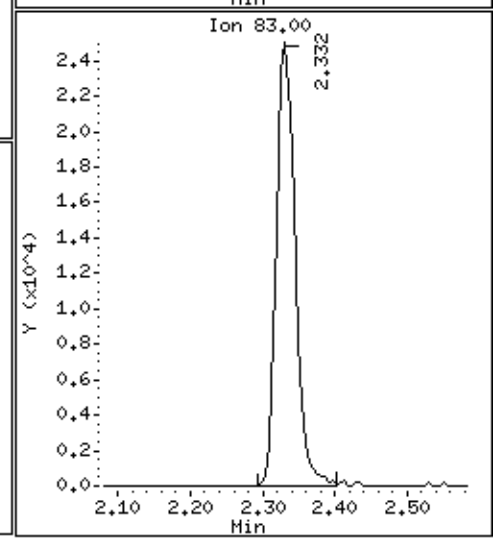












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

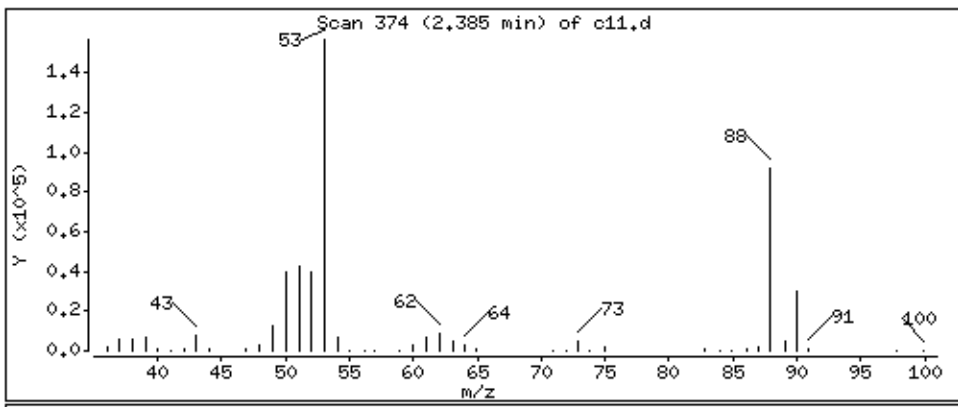
Column phase: DB-624

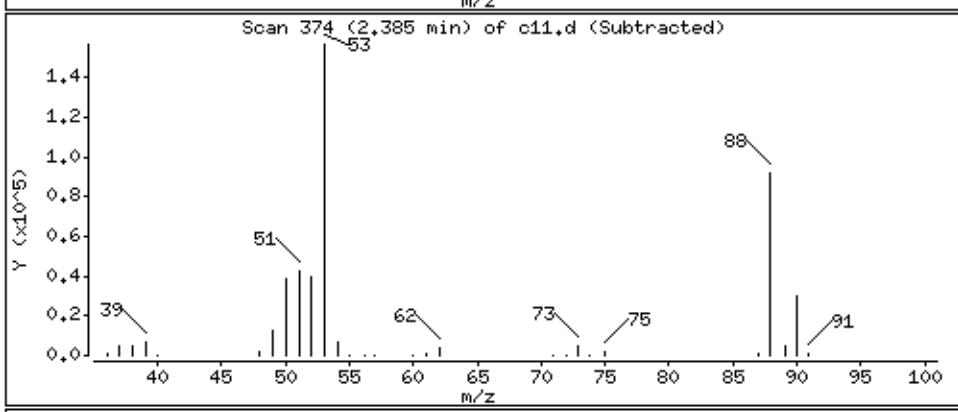
Column diameter: 0.18

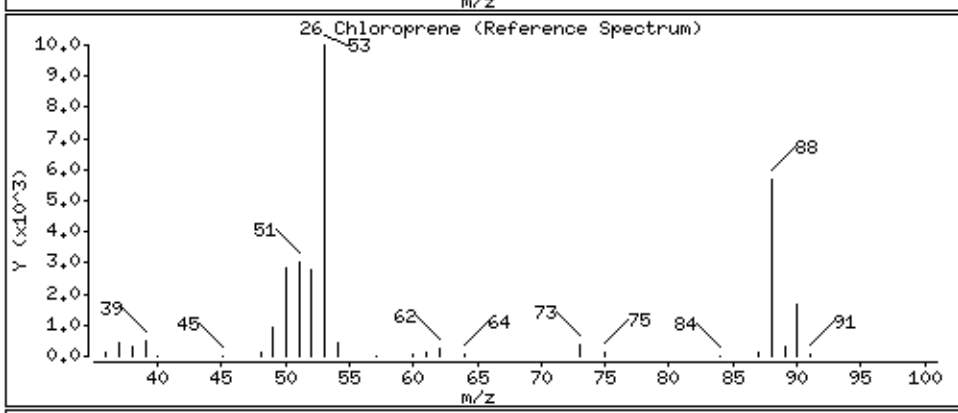
26 Chloroprene

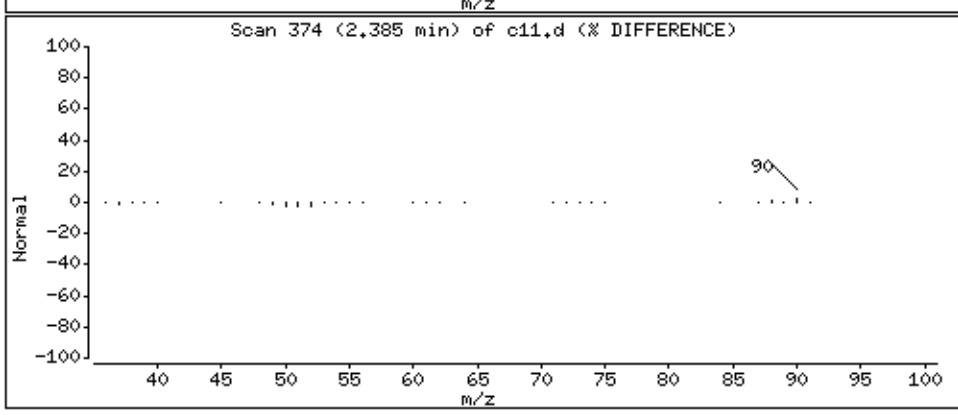
Concentration: 32.2 ppb

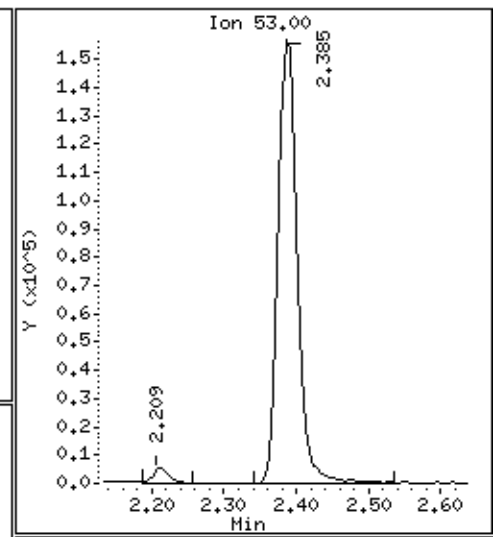
Review Code:

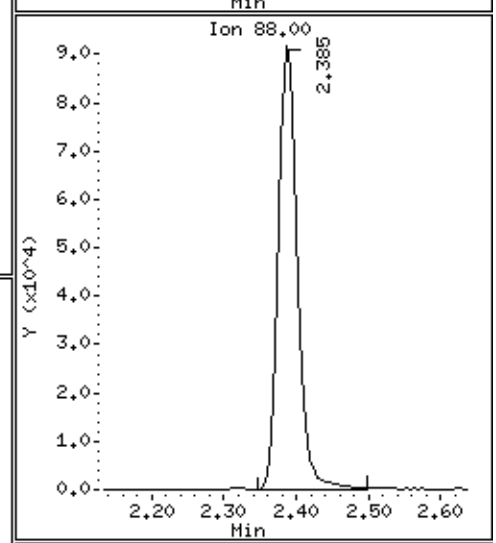


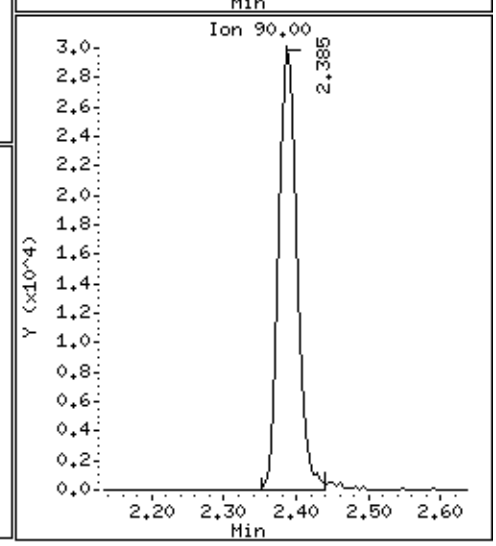












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

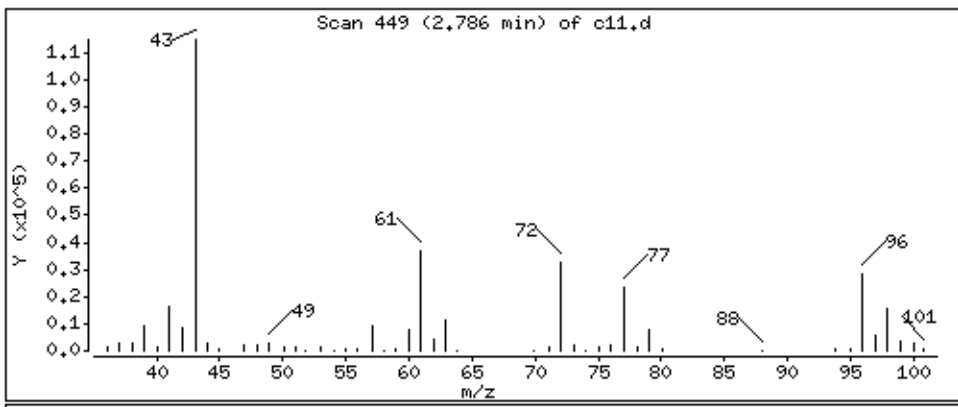
Column phase: DB-624

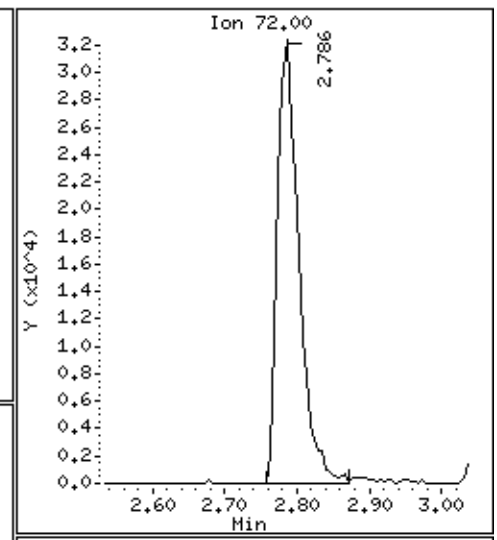
Column diameter: 0.18

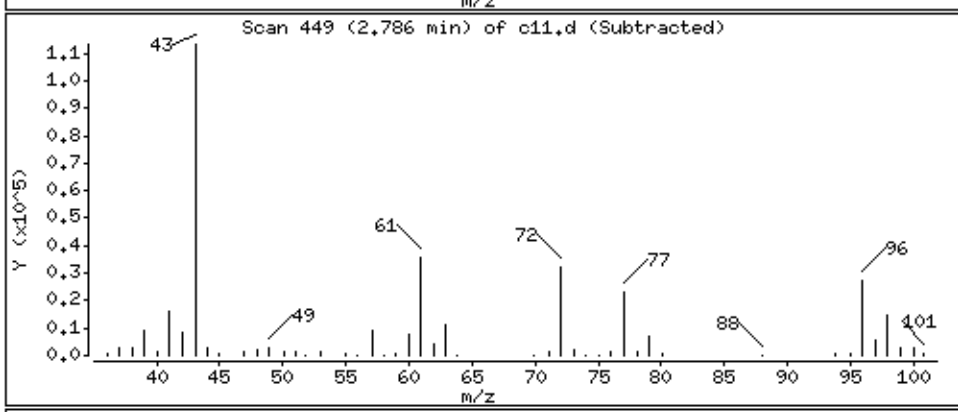
27 2-Butanone

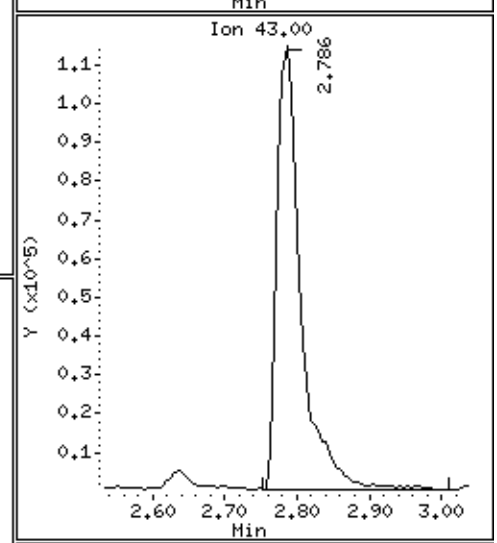
Concentration: 246 ppb

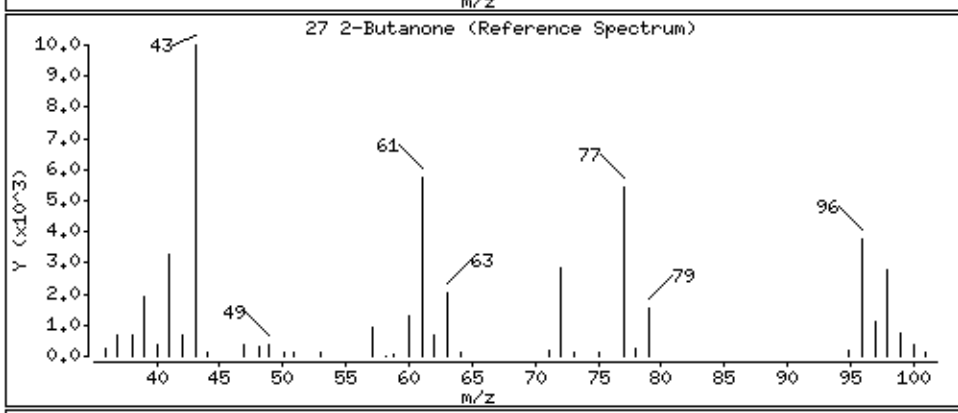
Review Code:

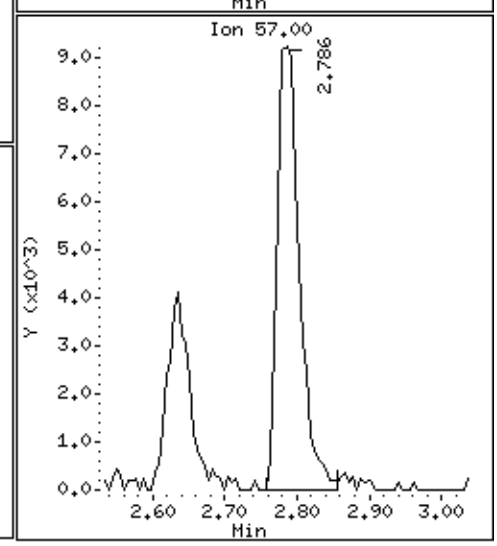


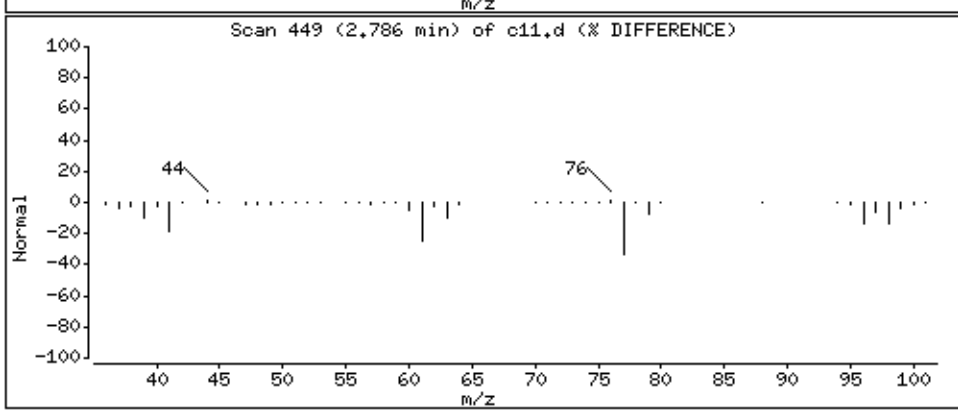












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

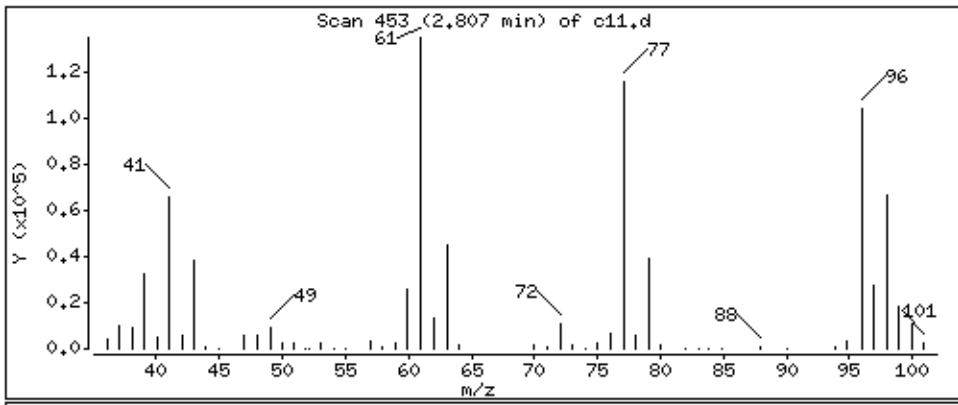
Column phase: DB-624

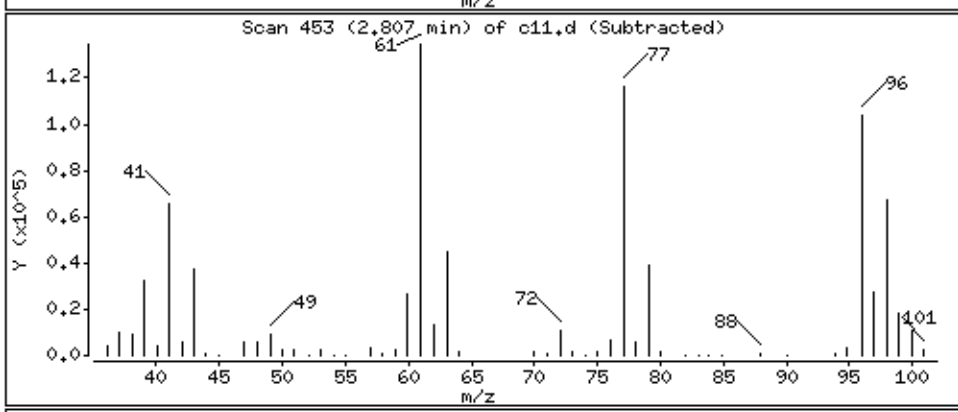
Column diameter: 0.18

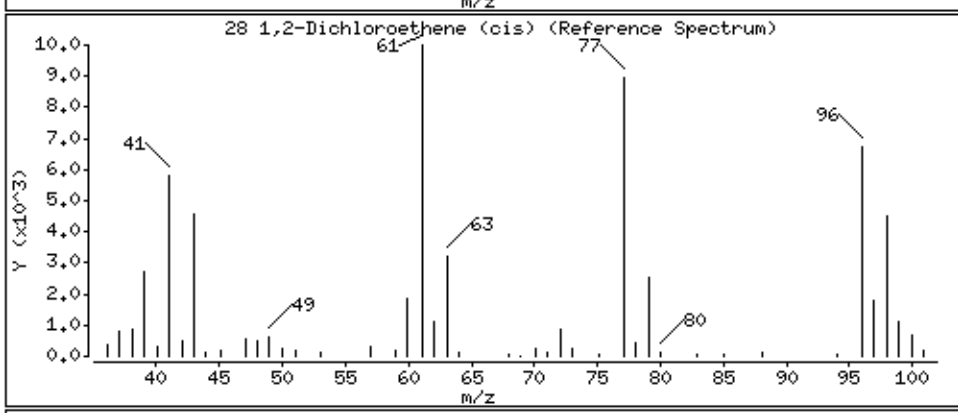
28 1,2-Dichloroethene (cis)

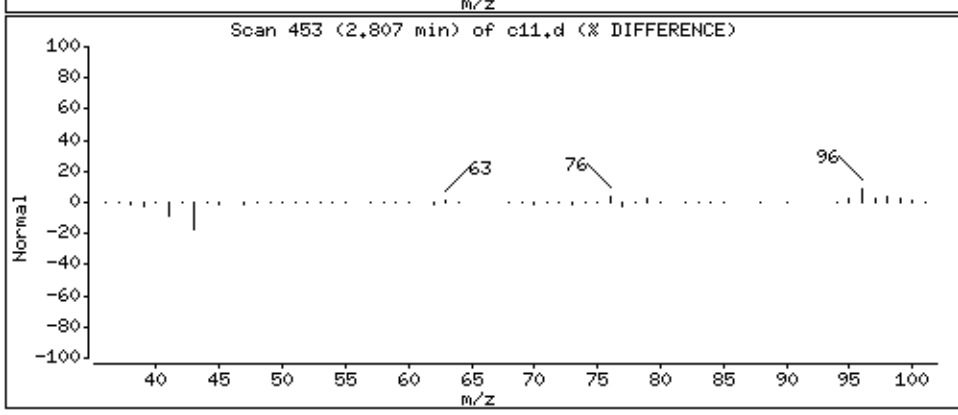
Concentration: 38.9 ppb

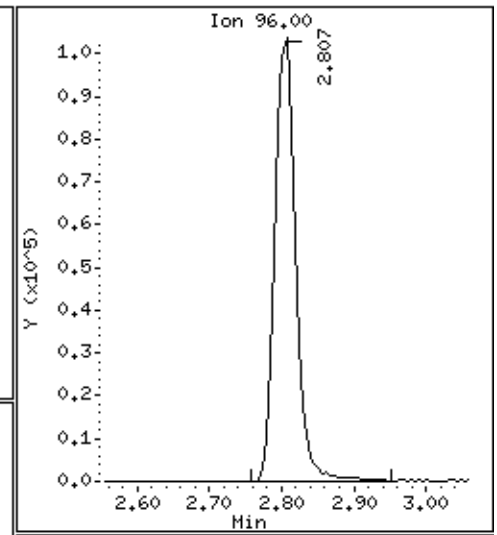
Review Code:

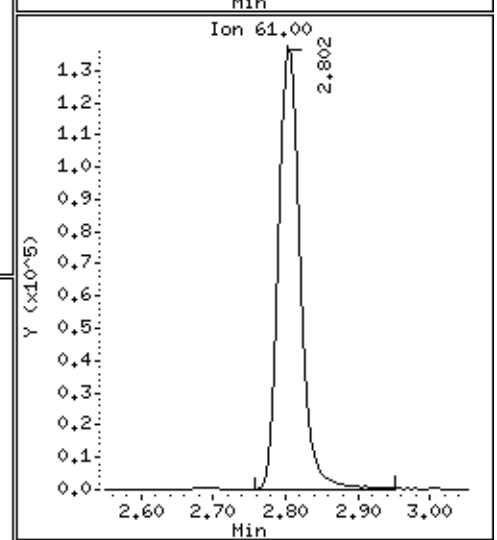


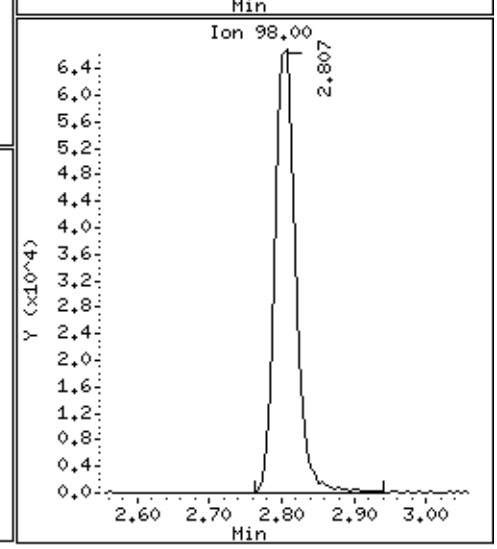












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

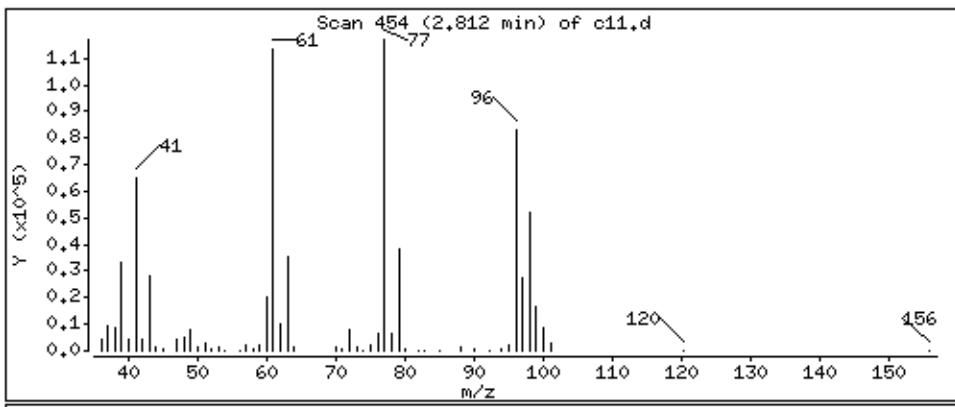
Column phase: DB-624

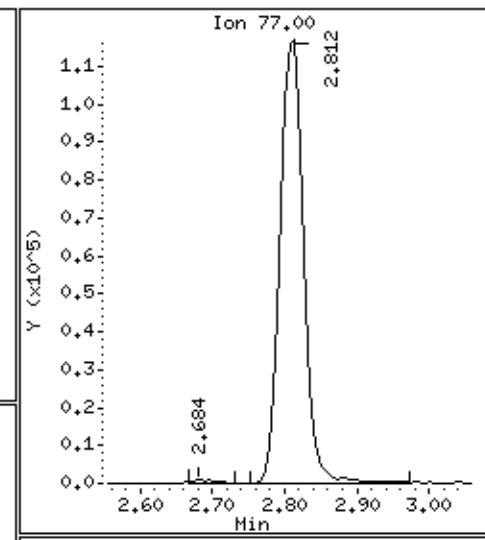
Column diameter: 0.18

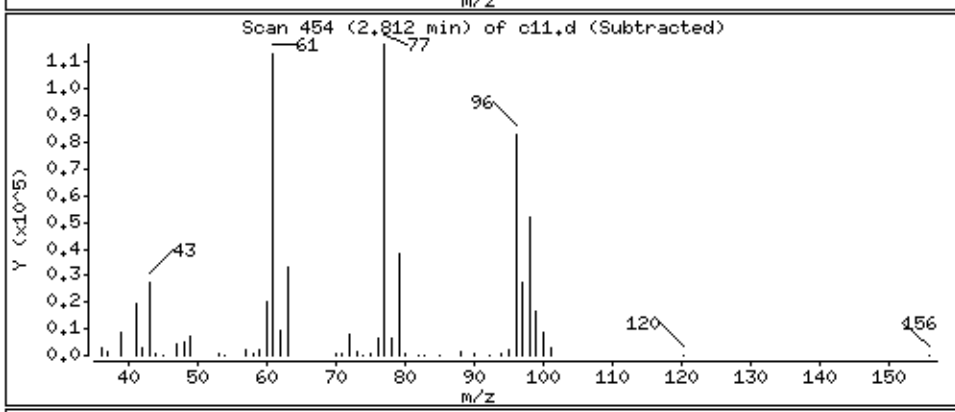
29 2,2-Dichloropropane

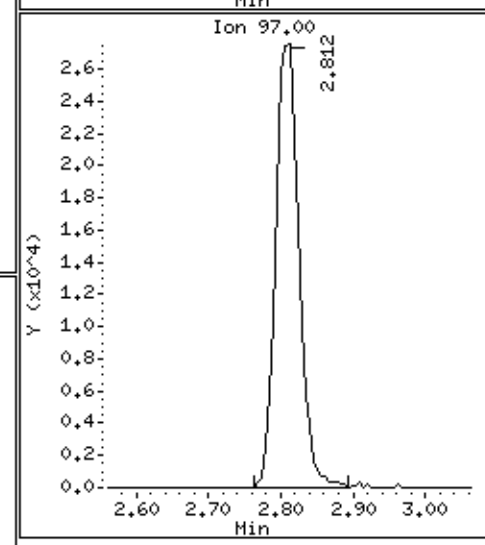
Concentration: 32.3 ppb

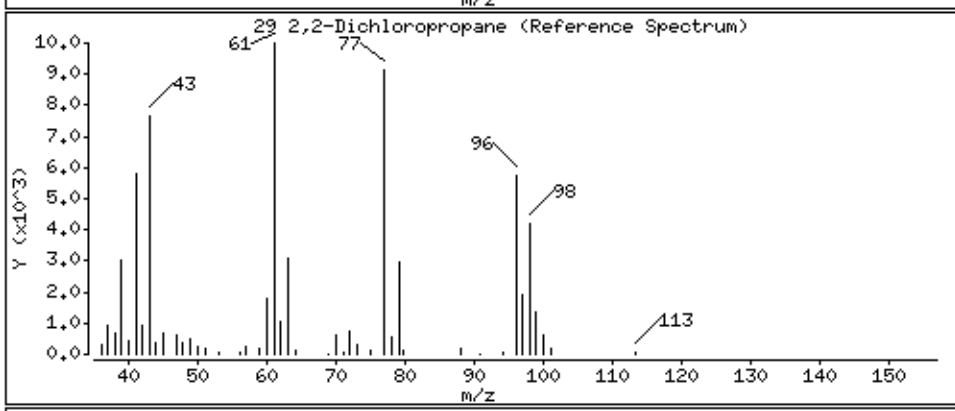
Review Code:

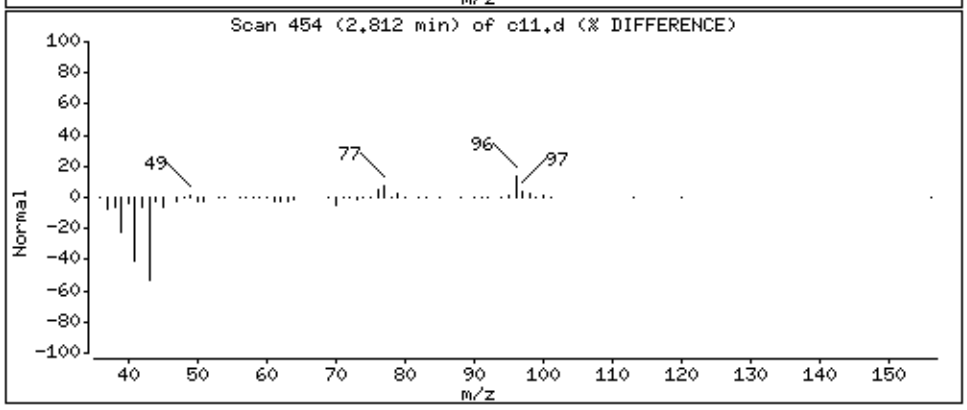












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

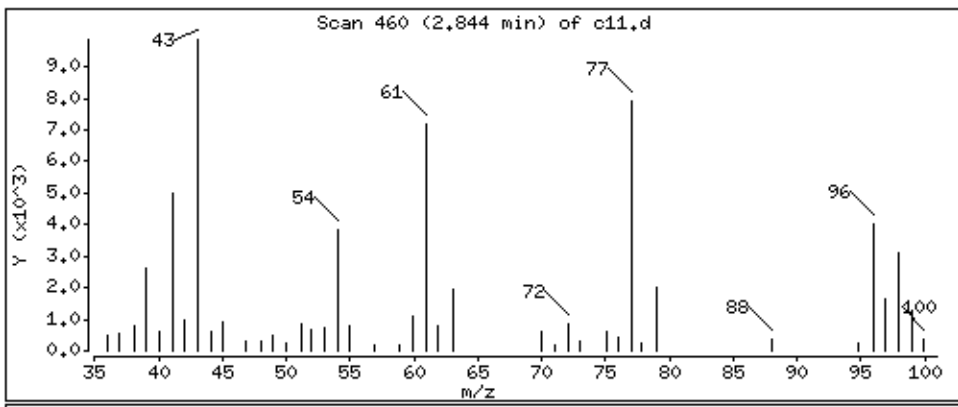
Column phase: DB-624

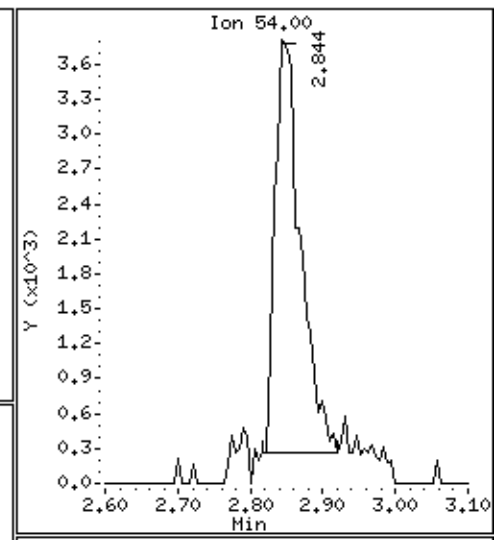
Column diameter: 0.18

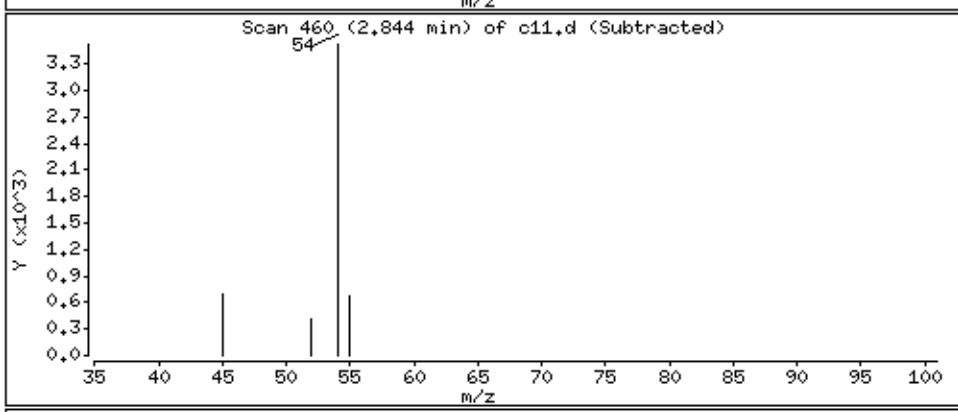
30 Propionitrile

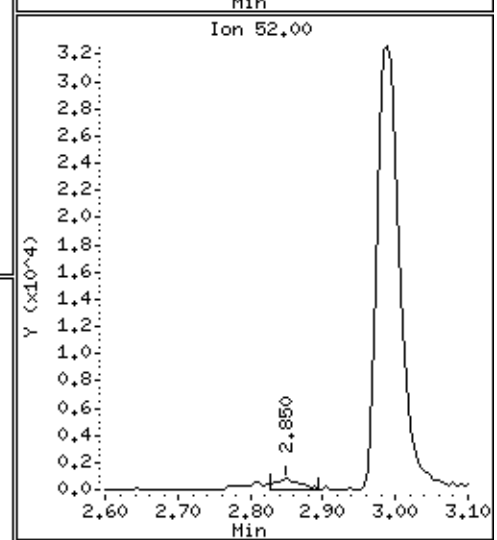
Concentration: 31.8 ppb

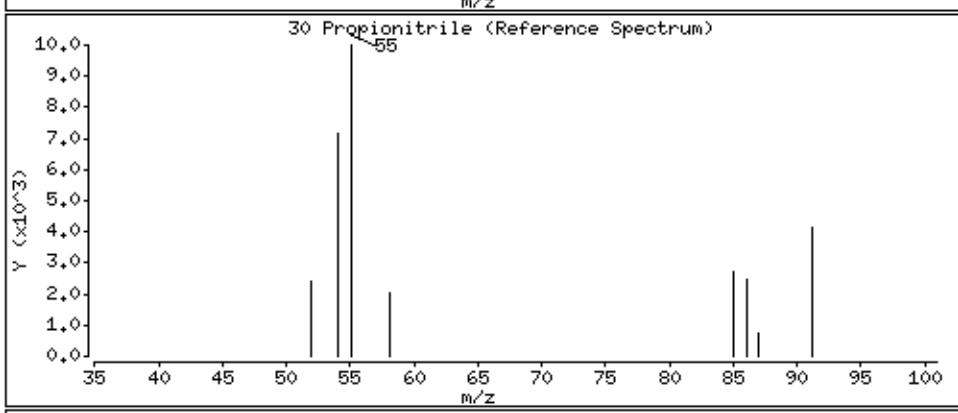
Review Code:

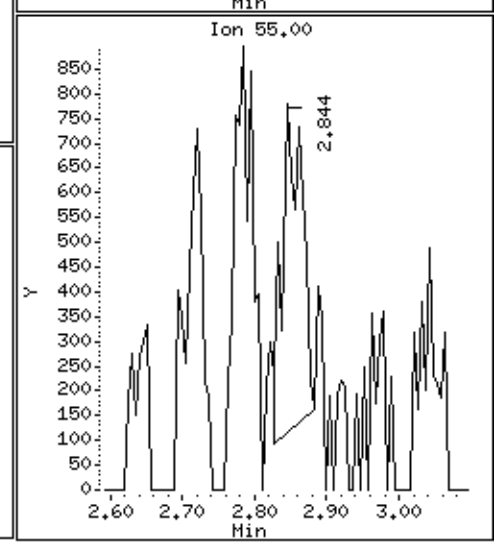


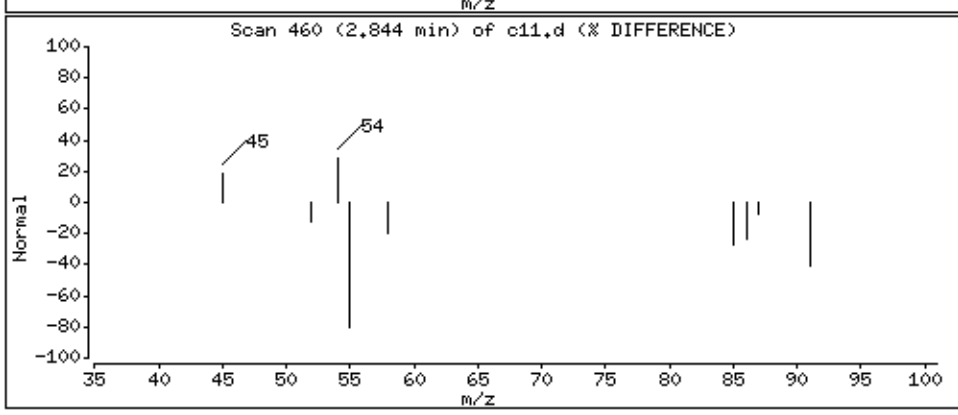












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

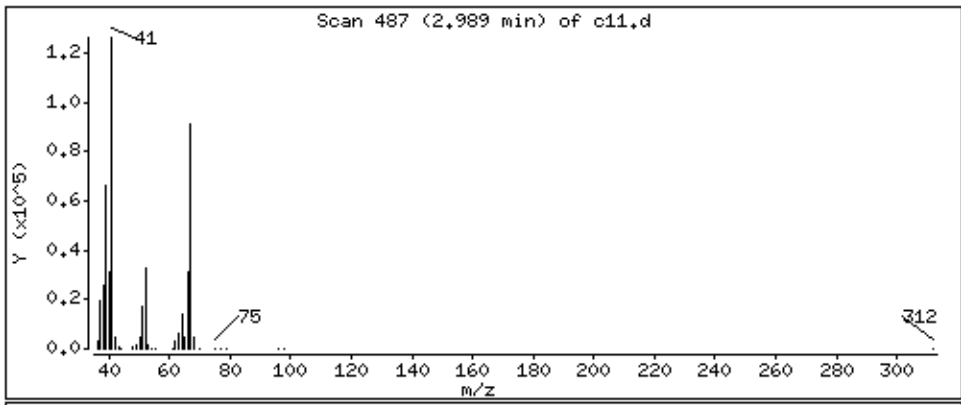
Column phase: DB-624

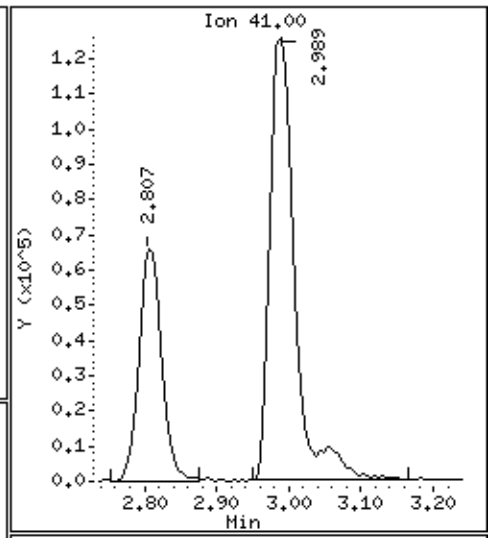
Column diameter: 0.18

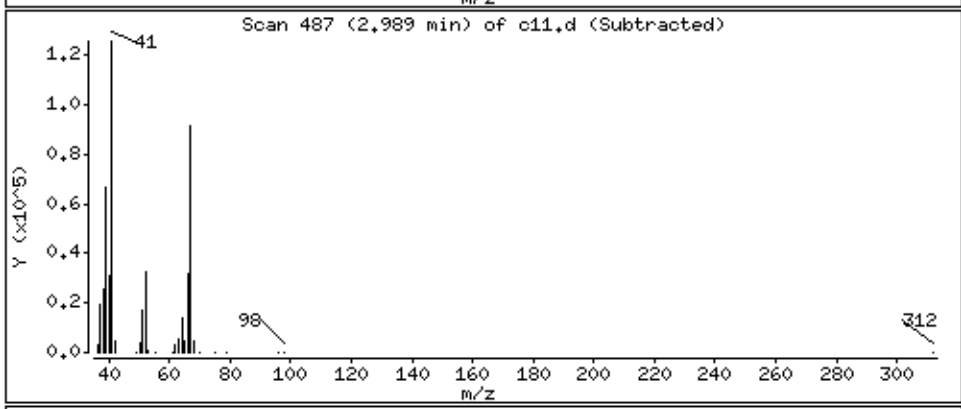
31 Methacrylonitrile

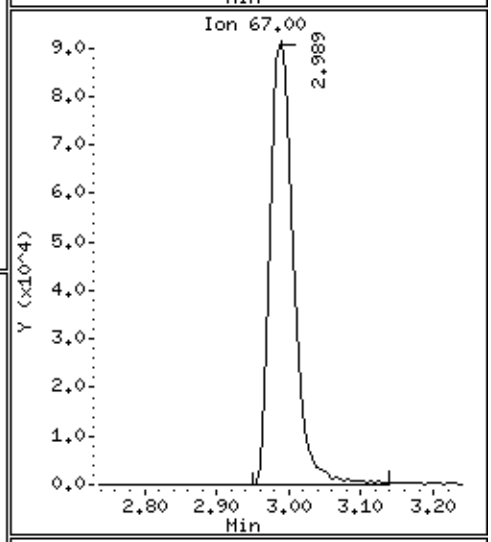
Concentration: 173 ppb

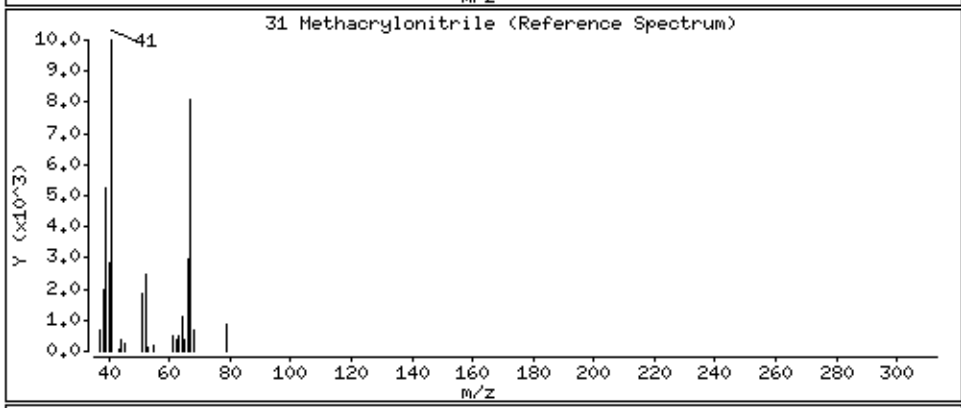
Review Code:

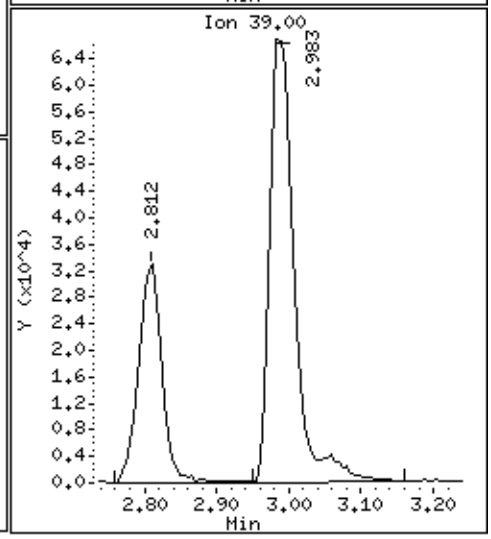


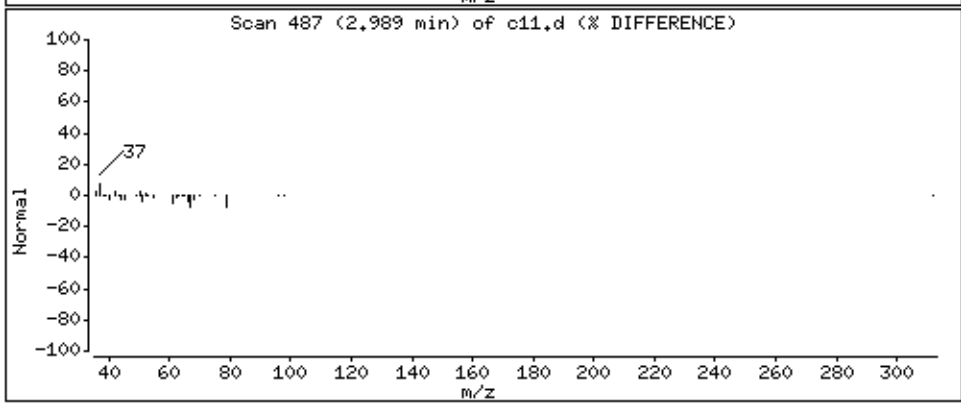












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

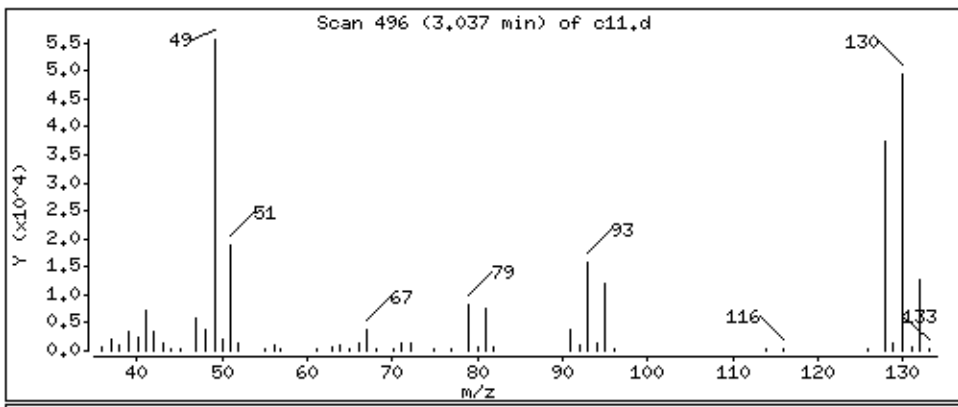
Column phase: DB-624

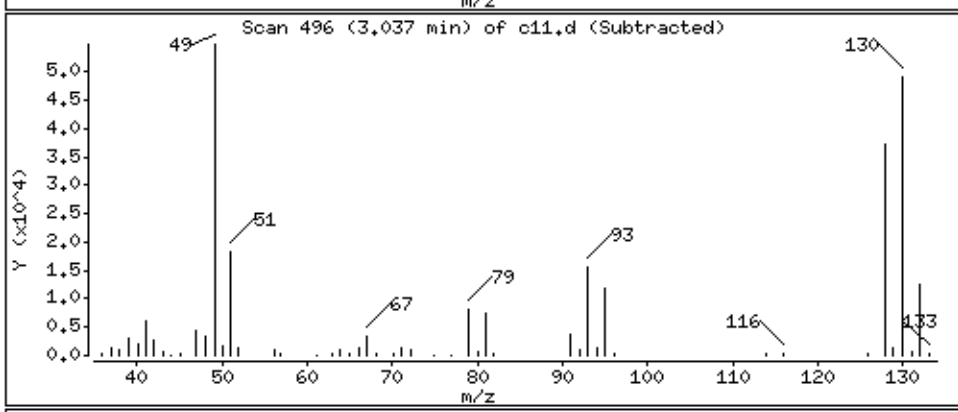
Column diameter: 0.18

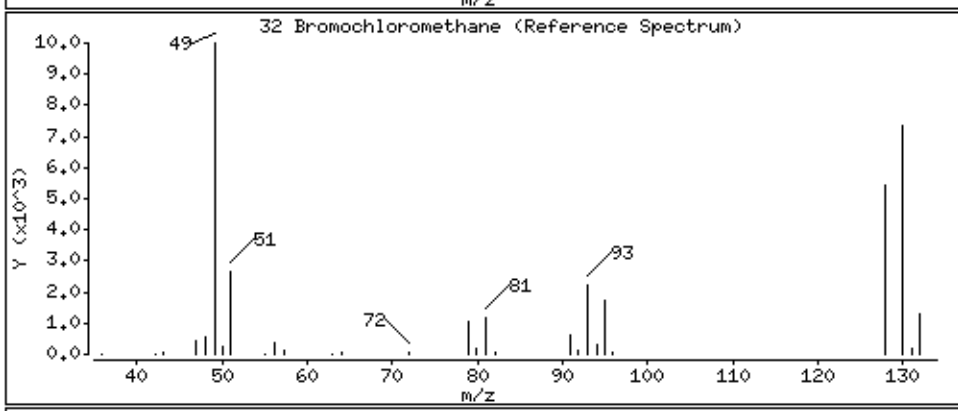
32 Bromochloromethane

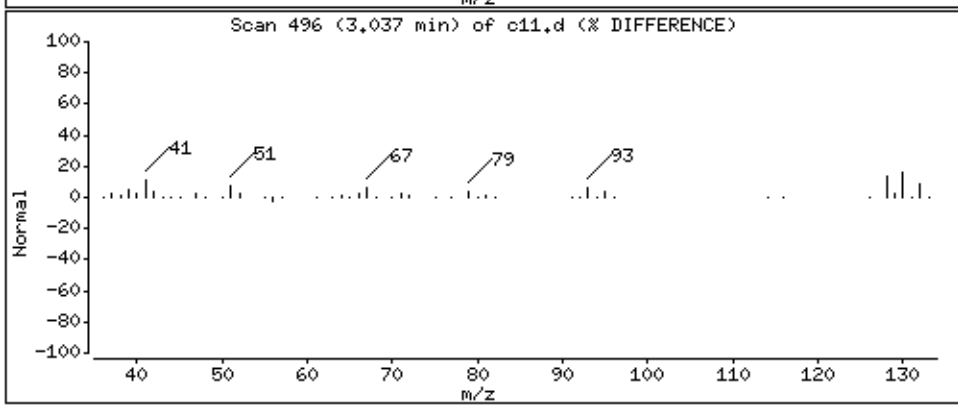
Concentration: 38.4 ppb

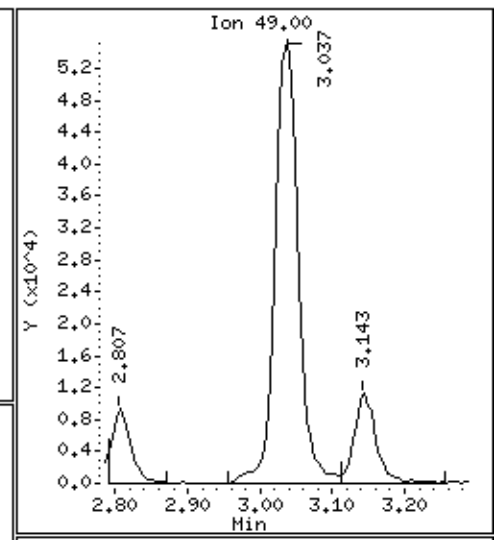
Review Code:

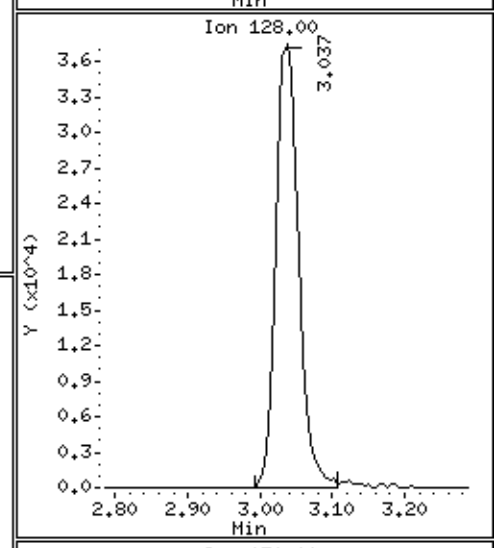


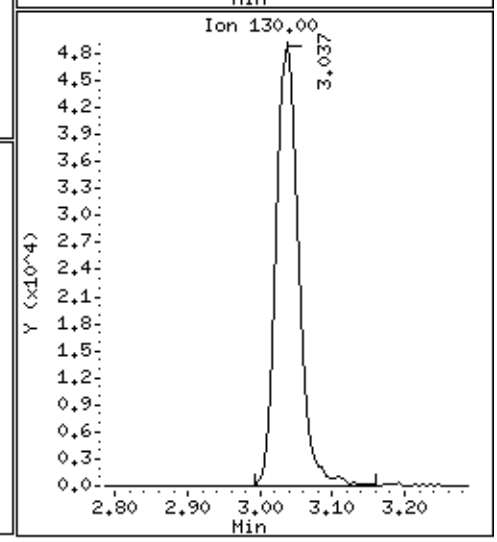












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

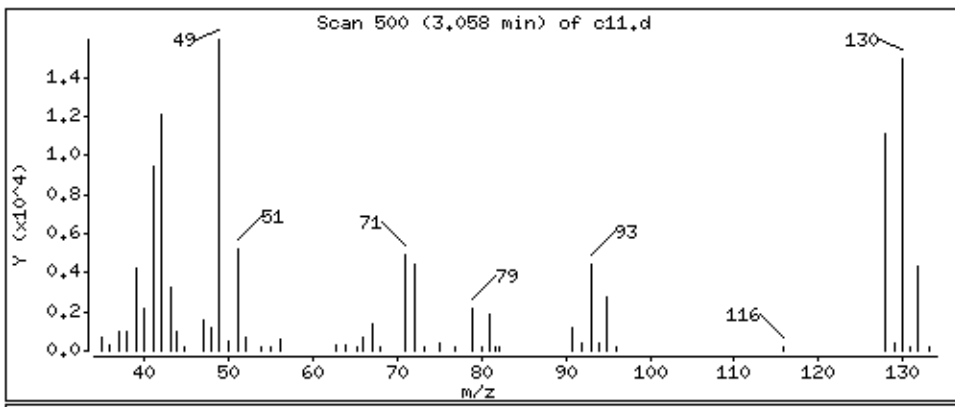
Column phase: DB-624

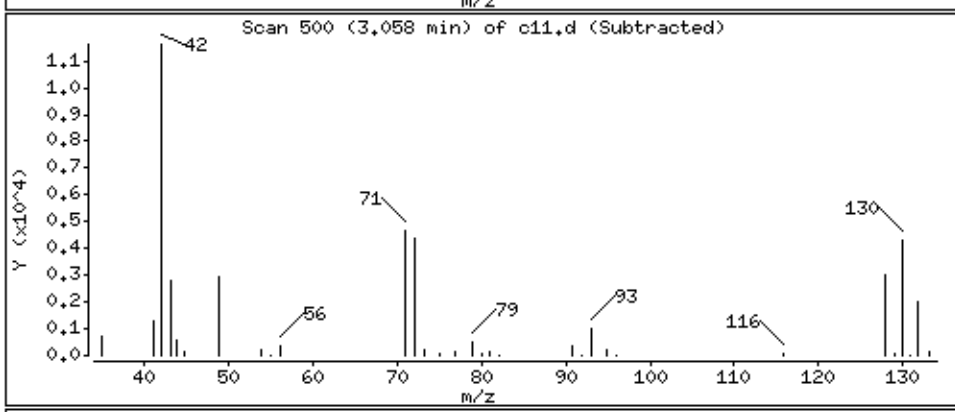
Column diameter: 0.18

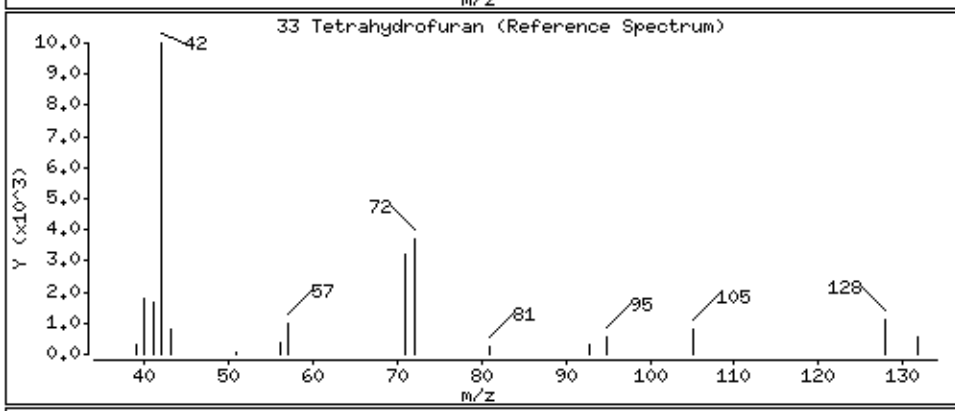
33 Tetrahydrofuran

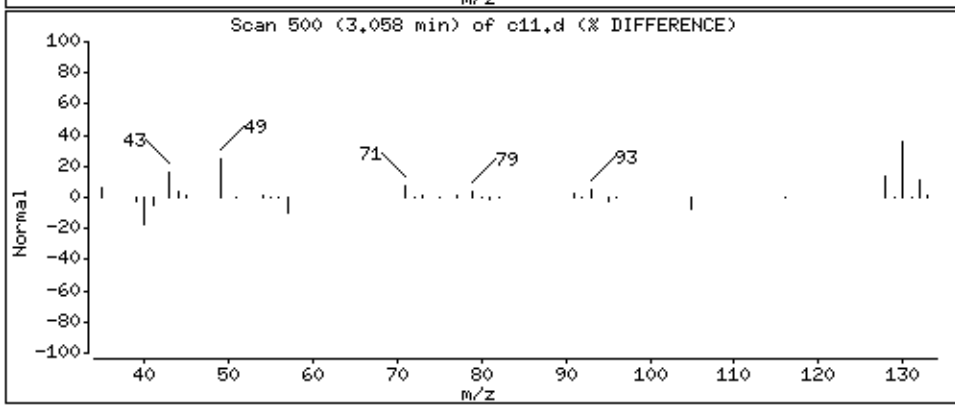
Concentration: 40.7 ppb

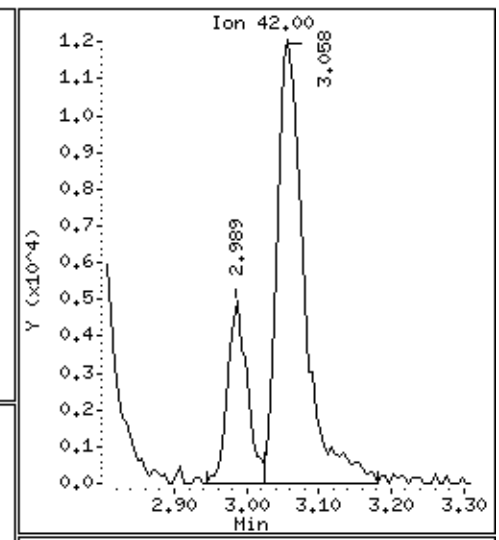
Review Code:

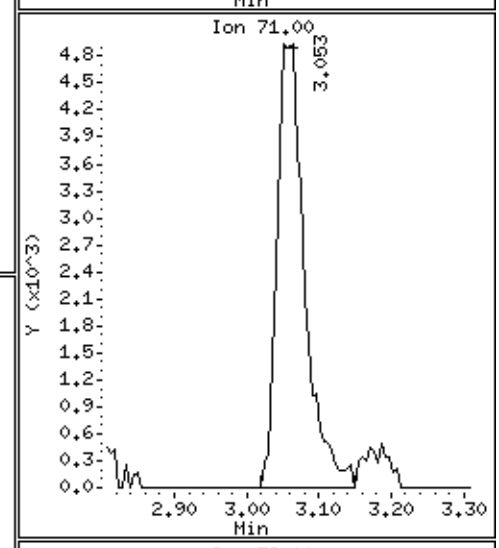


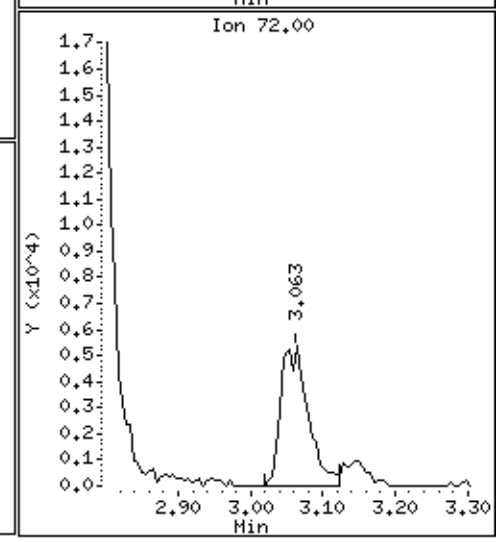












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

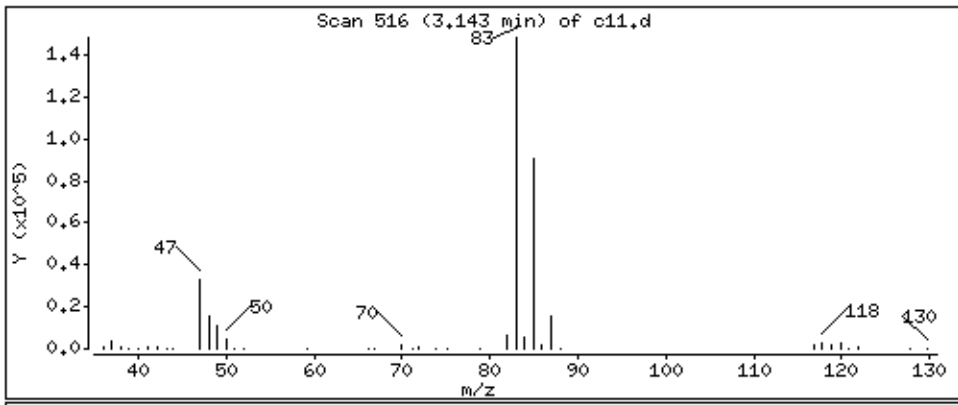
Column phase: DB-624

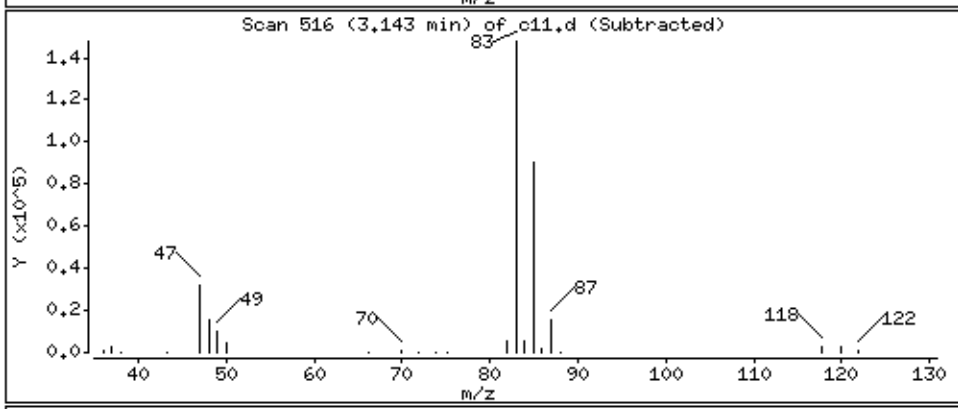
Column diameter: 0.18

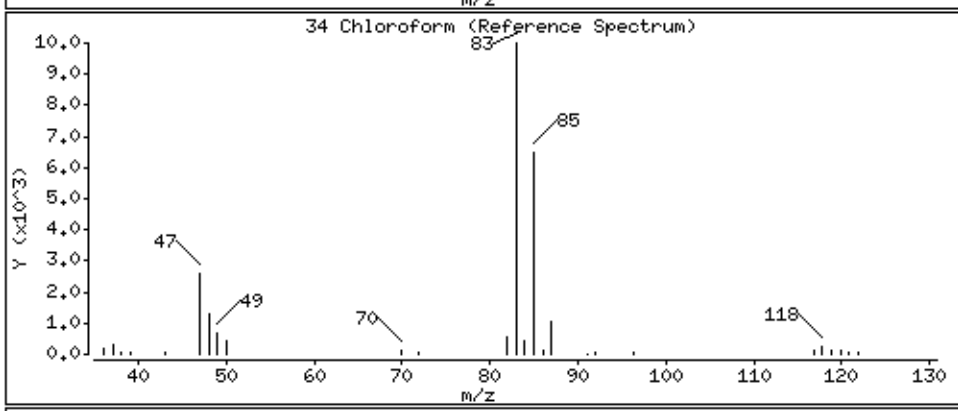
34 Chloroform

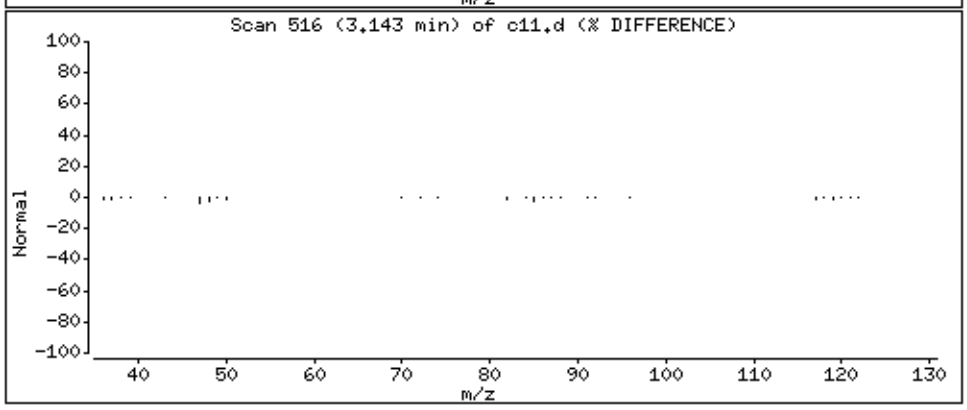
Concentration: 39.0 ppb

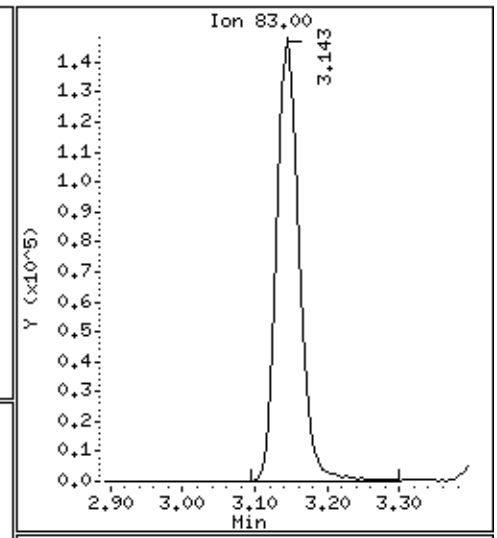
Review Code:

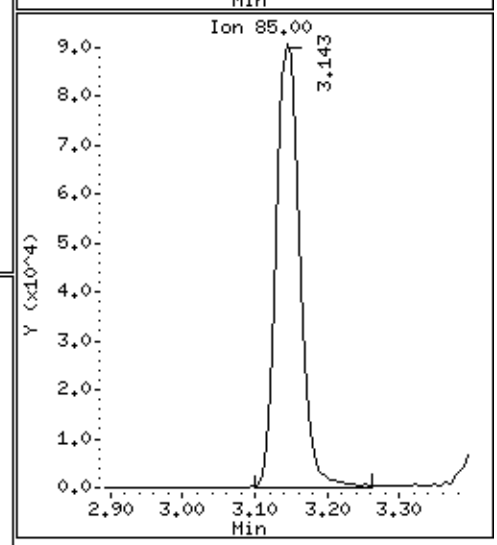












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

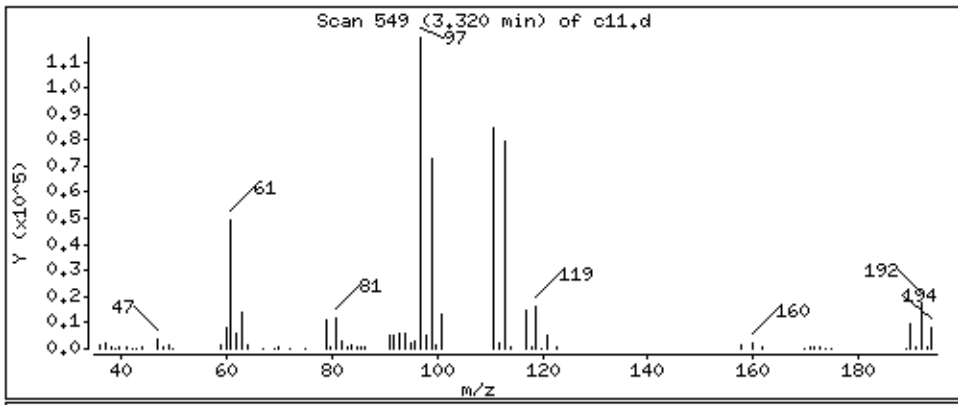
Column phase: DB-624

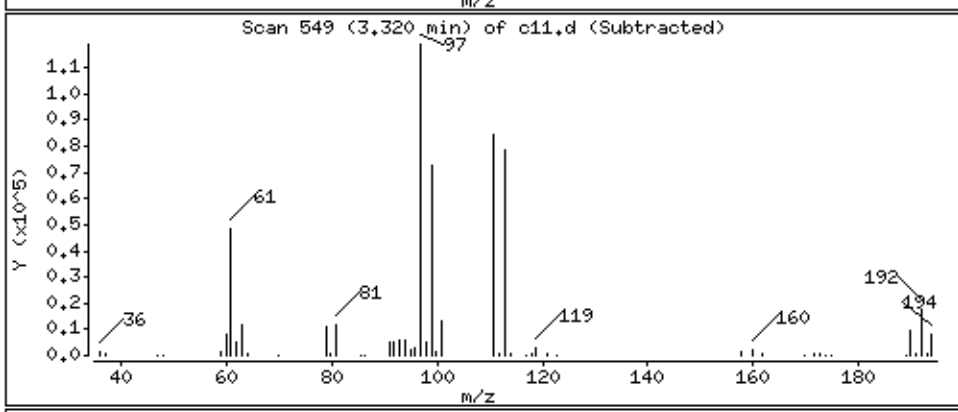
Column diameter: 0.18

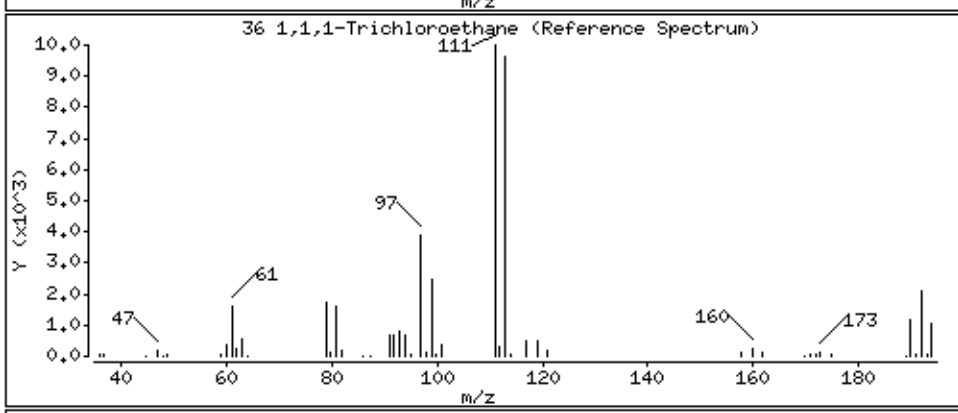
36 1,1,1-Trichloroethane

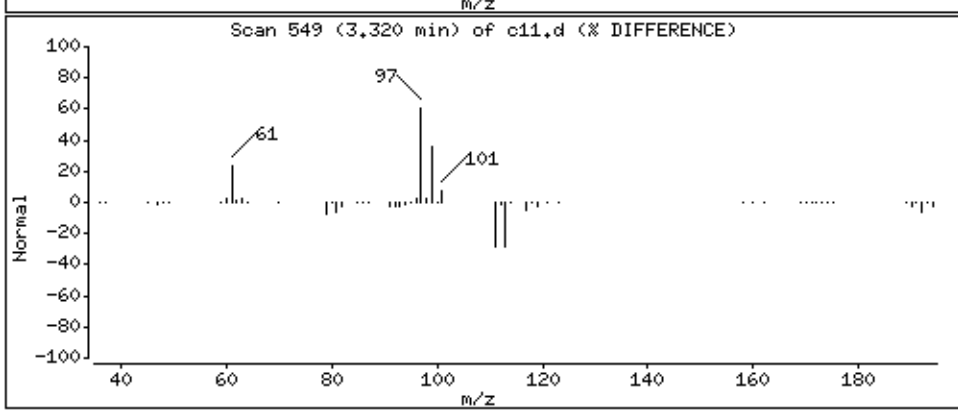
Concentration: 35.6 ppb

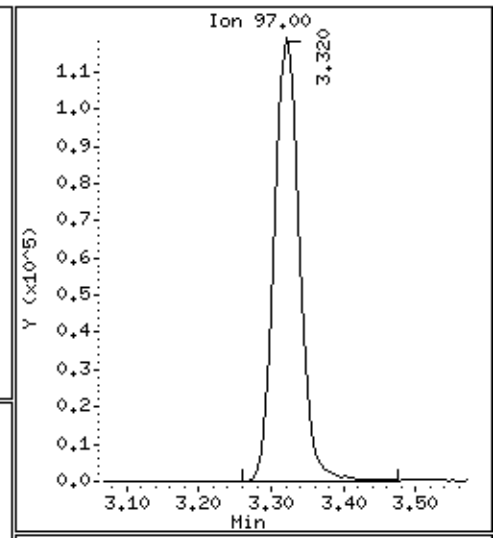
Review Code:

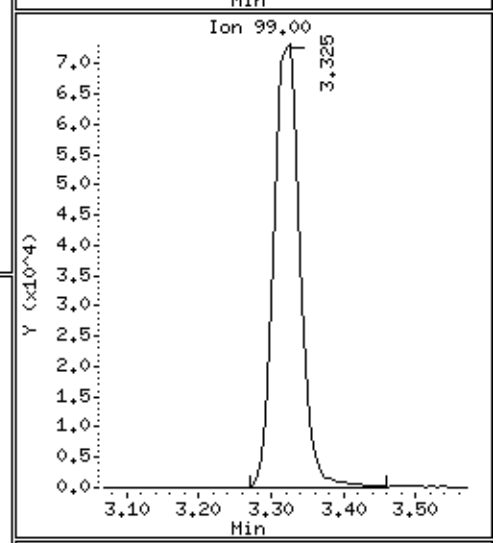


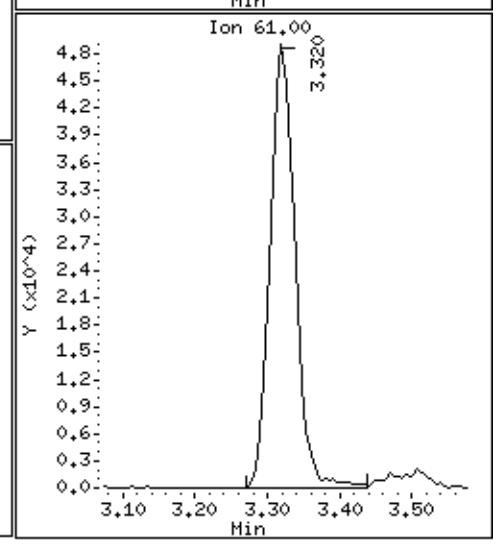












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

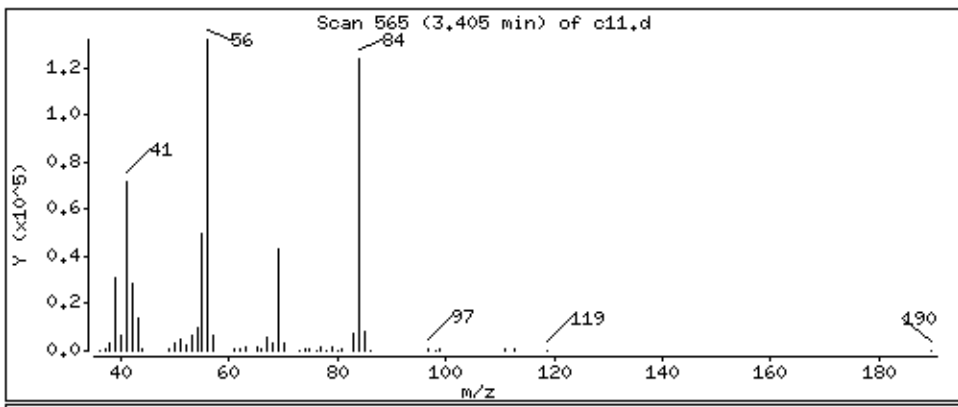
Column phase: DB-624

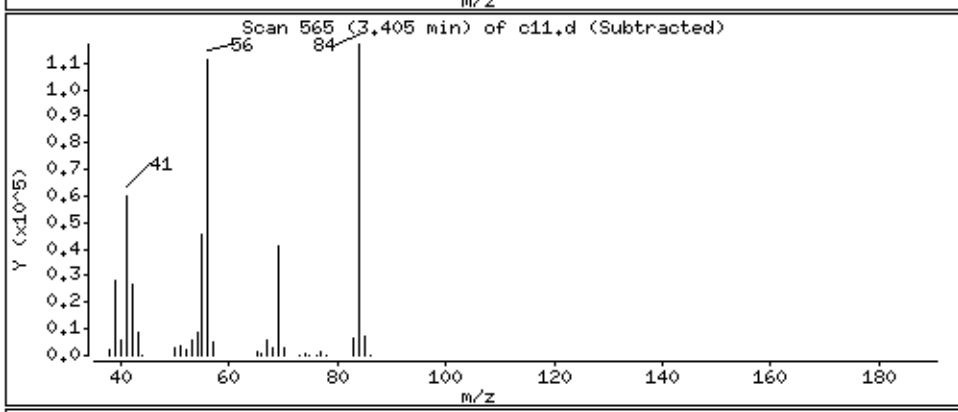
Column diameter: 0.18

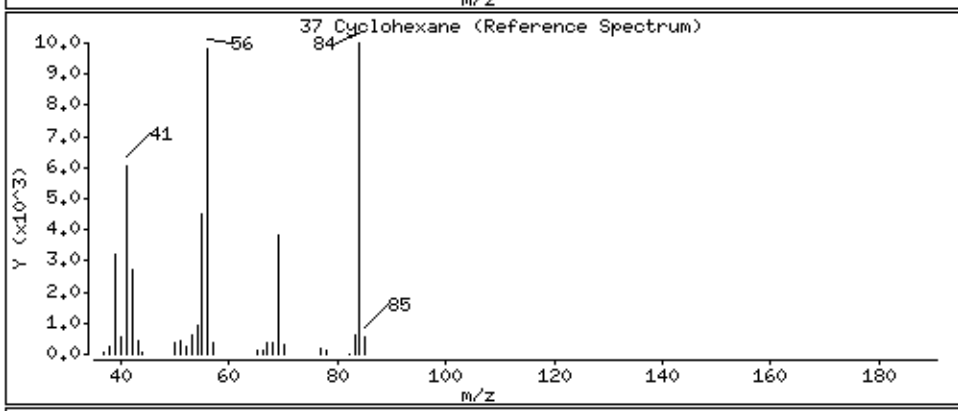
37 Cyclohexane

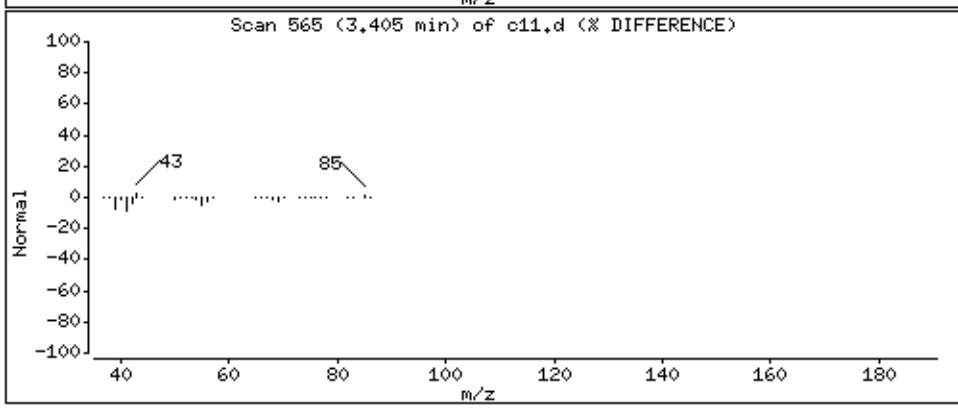
Concentration: 34.5 ppb

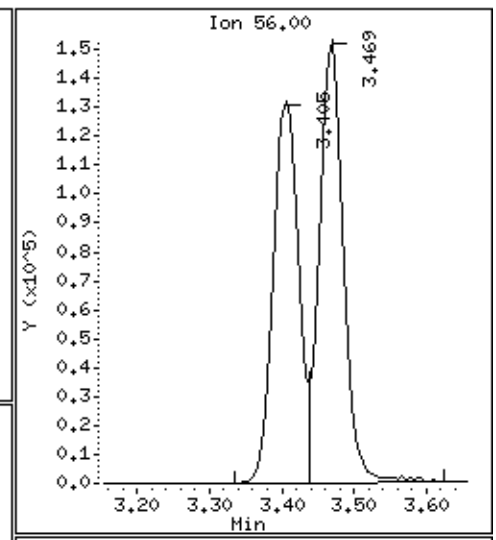
Review Code:

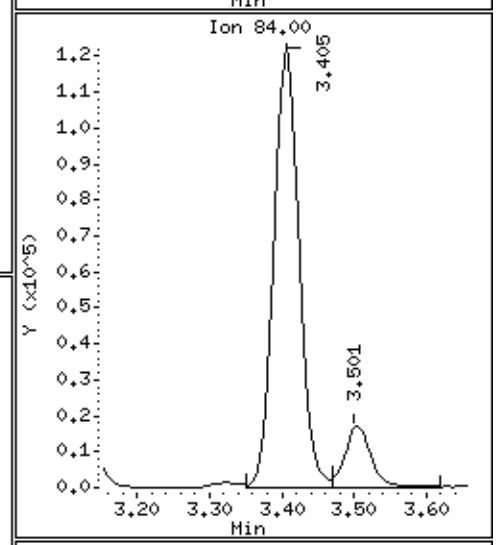


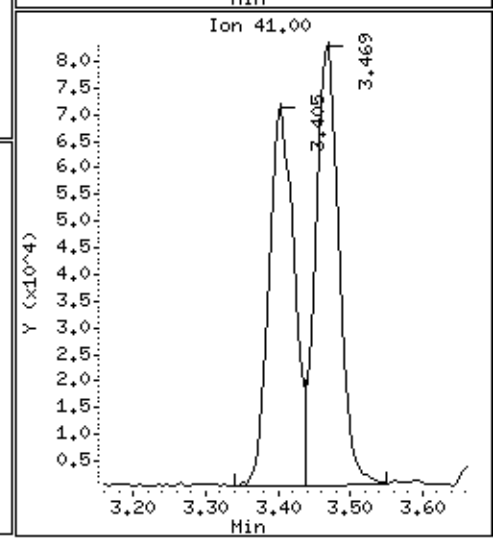












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

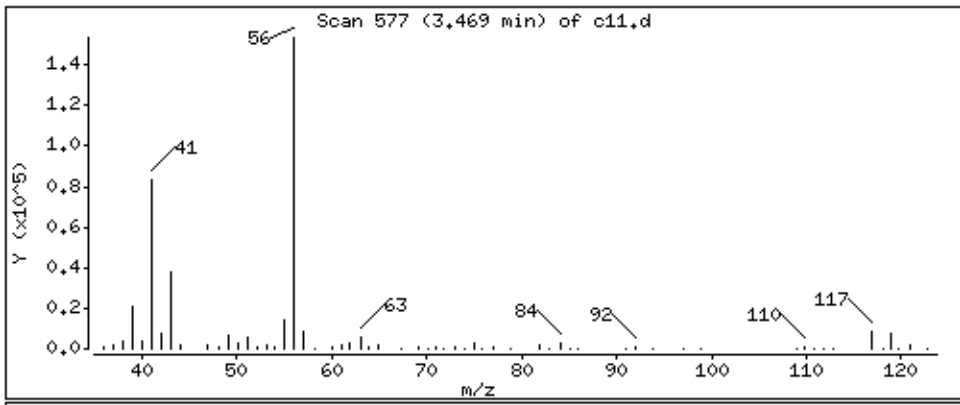
Column phase: DB-624

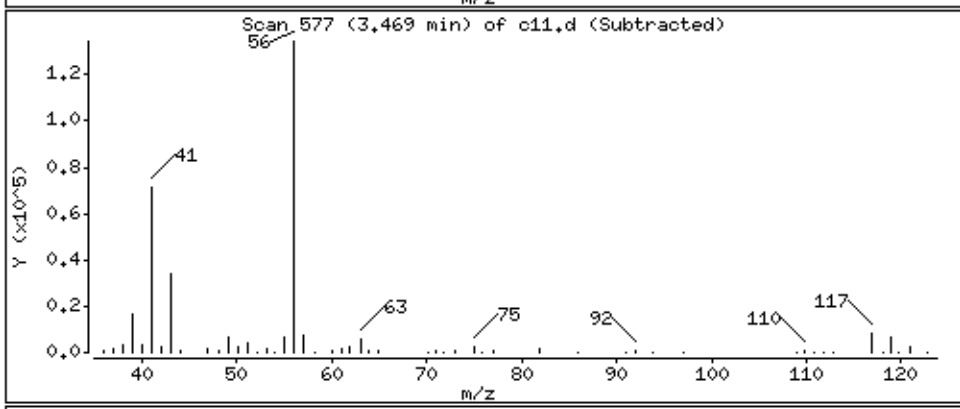
Column diameter: 0.18

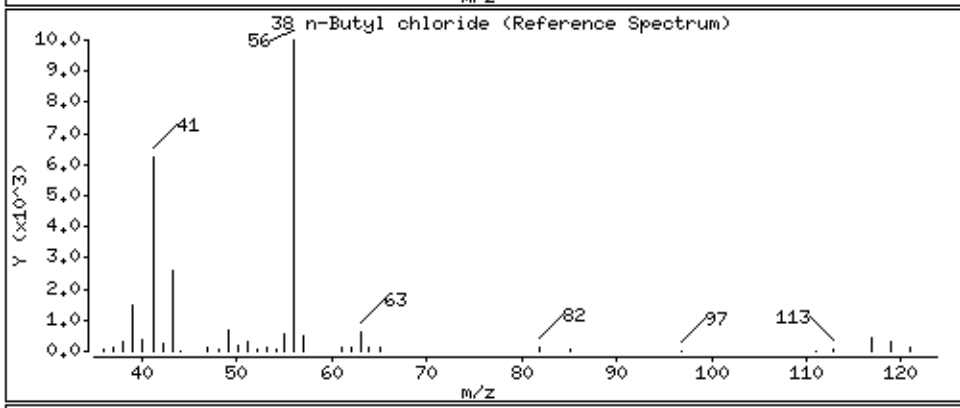
38 n-Butyl chloride

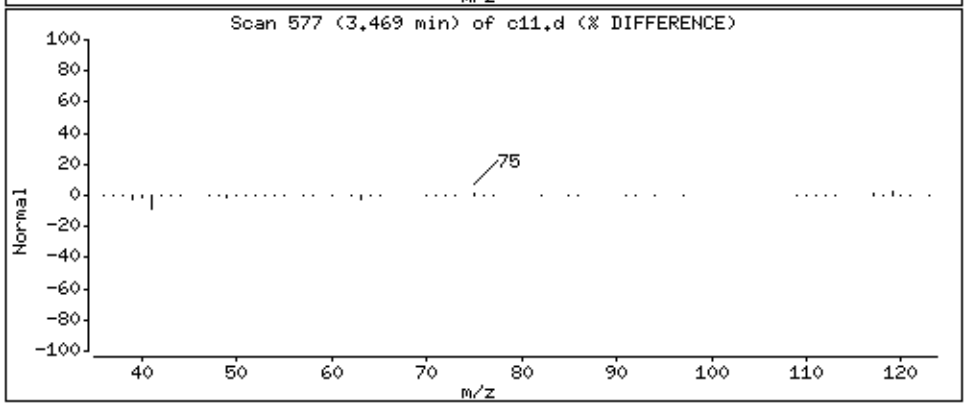
Concentration: 32.3 ppb

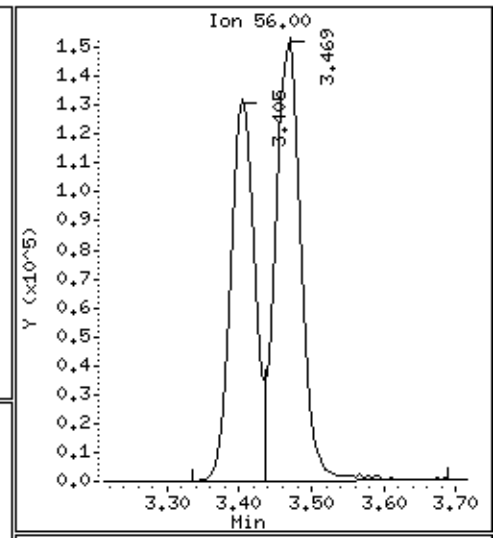
Review Code:

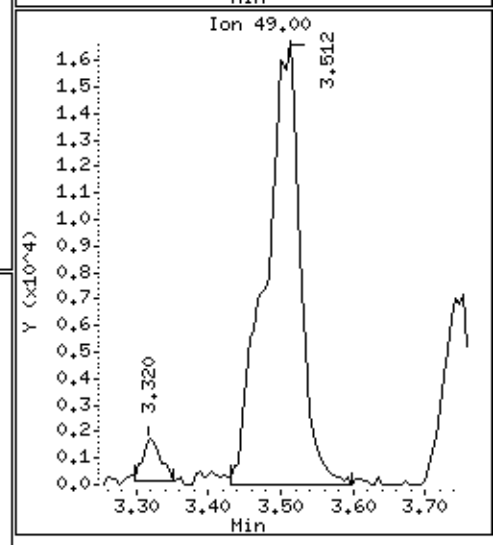












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

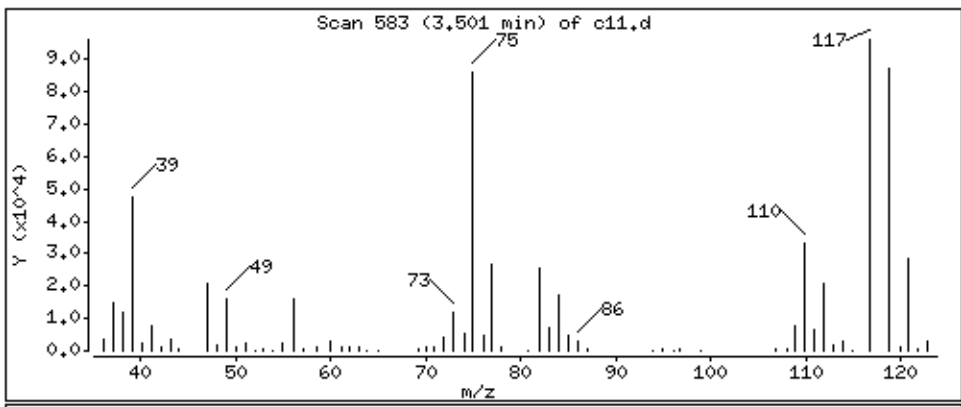
Column phase: DB-624

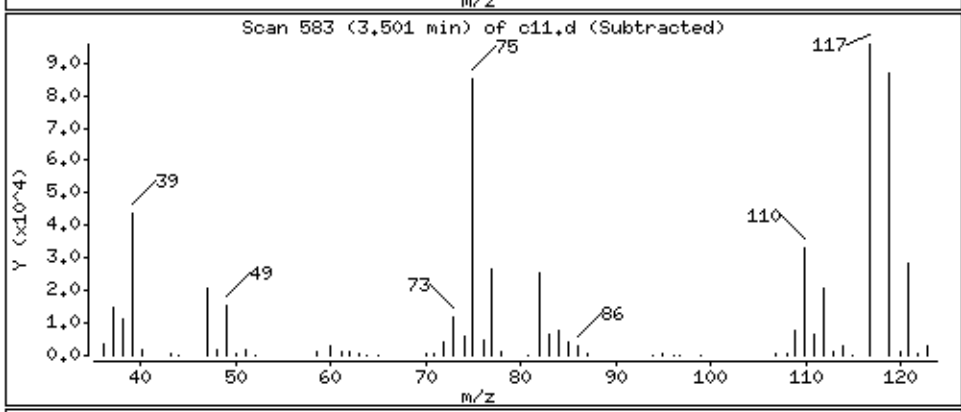
Column diameter: 0.18

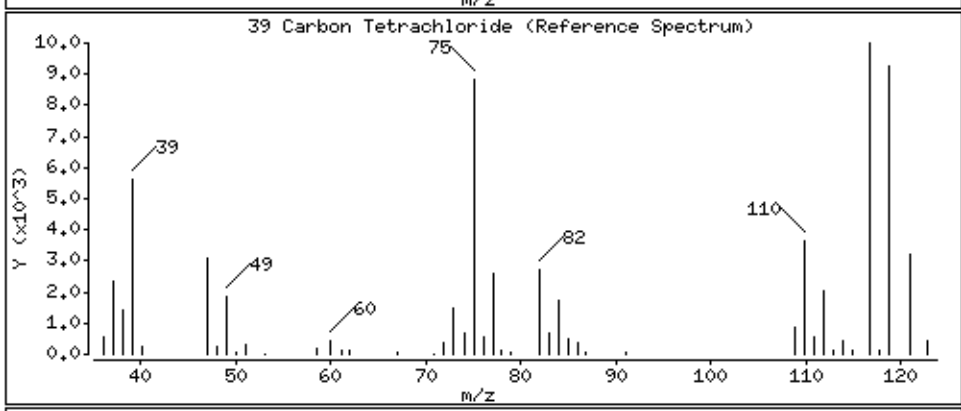
39 Carbon Tetrachloride

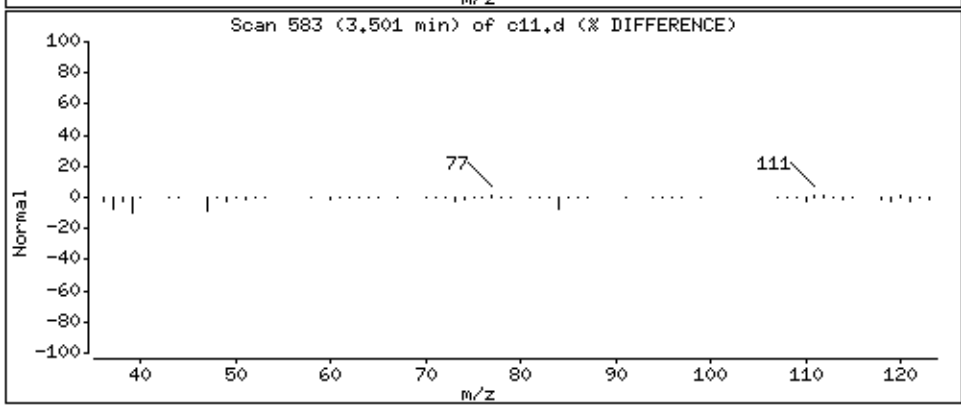
Concentration: 34.9 ppb

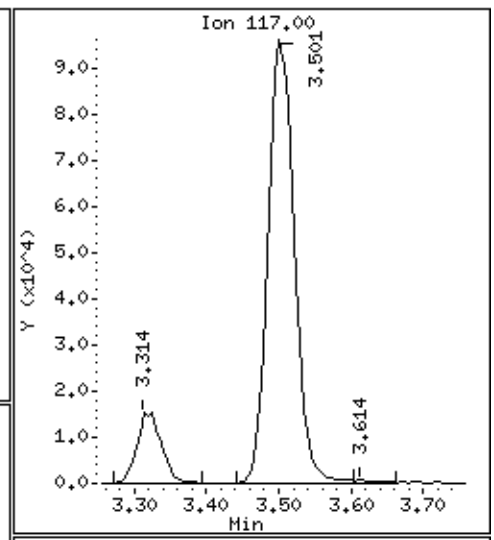
Review Code:

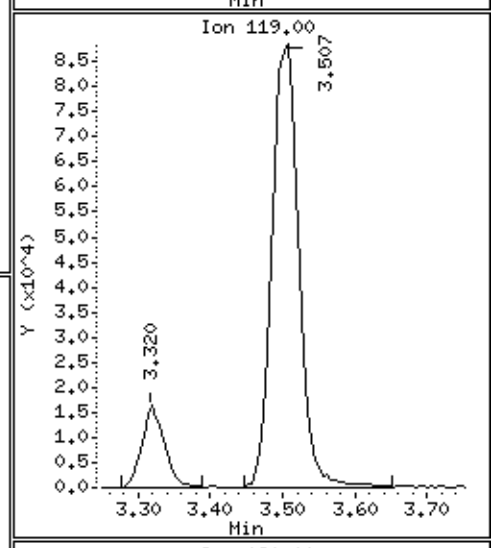


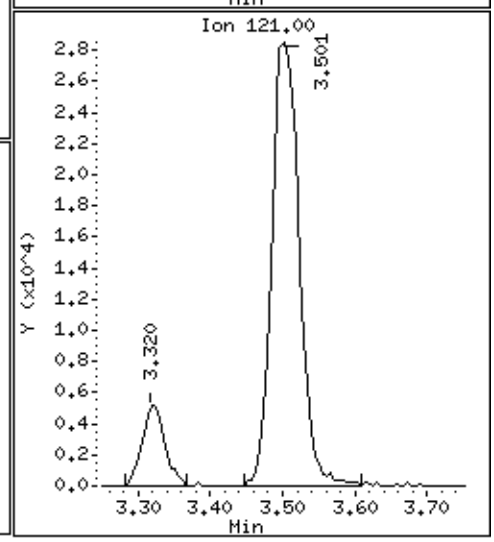












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

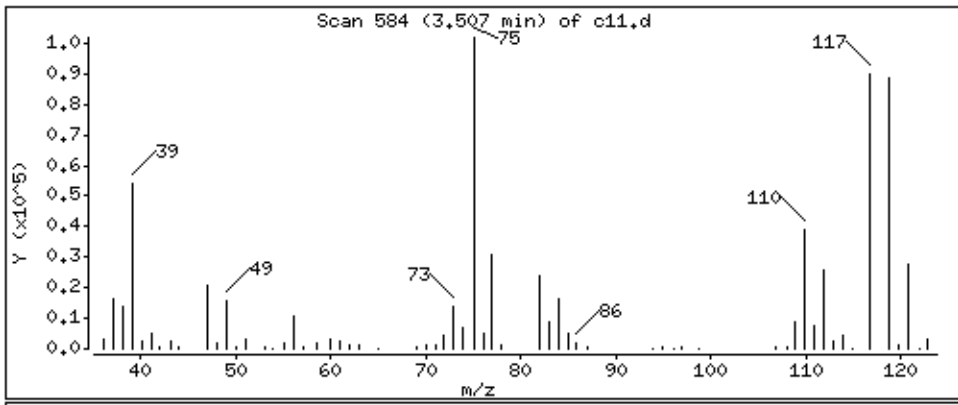
Column phase: DB-624

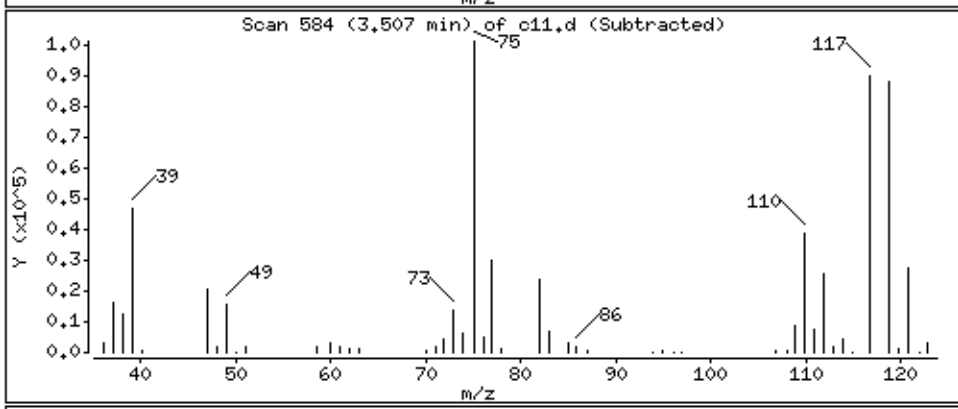
Column diameter: 0.18

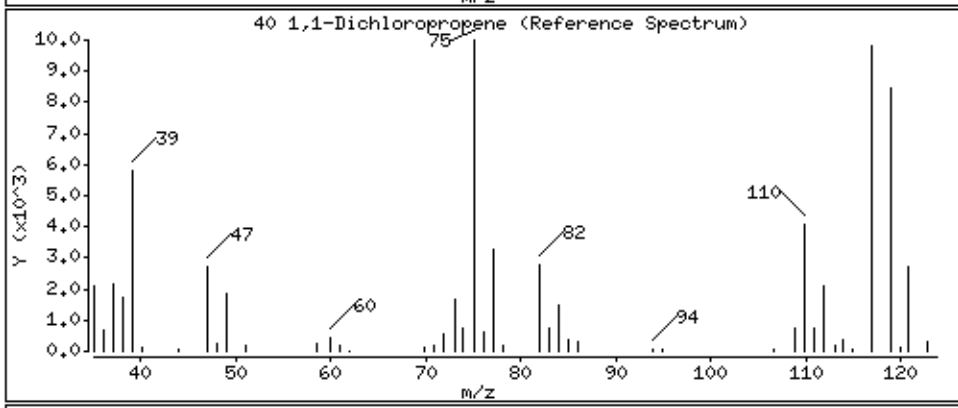
40 1,1-Dichloropropene

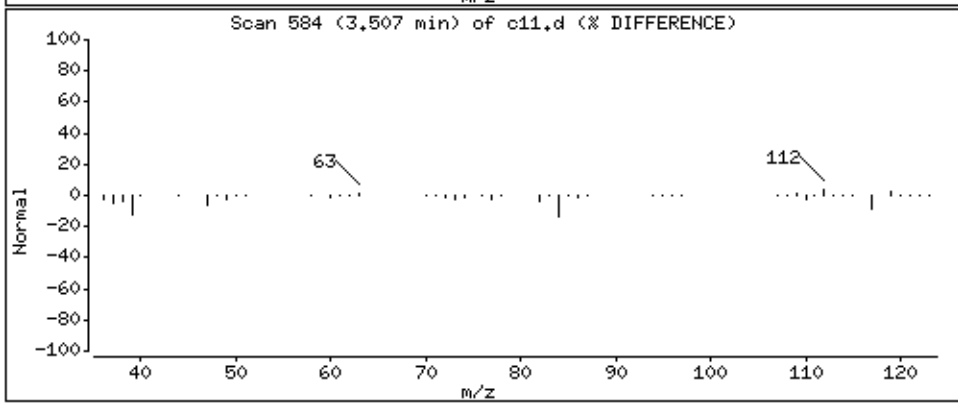
Concentration: 34.8 ppb

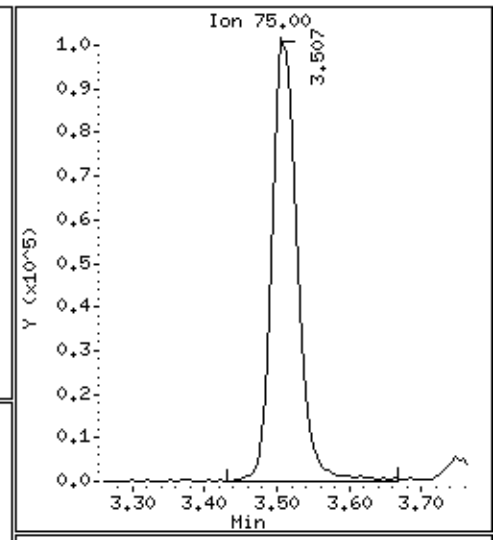
Review Code:

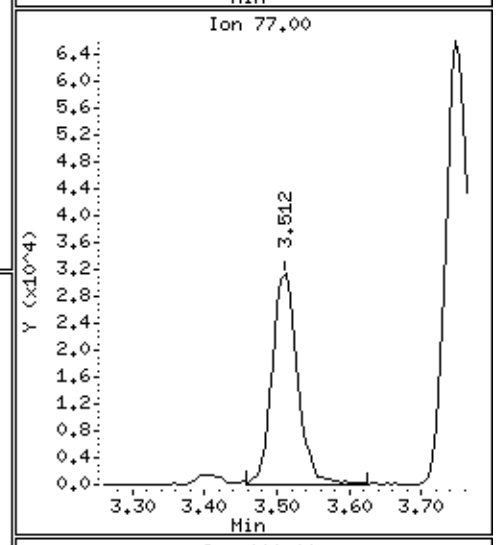


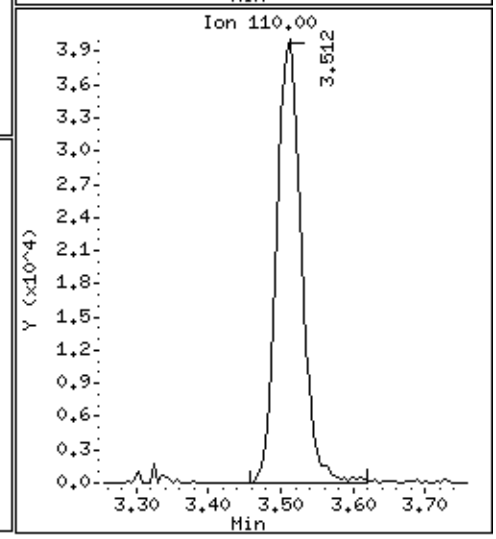












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

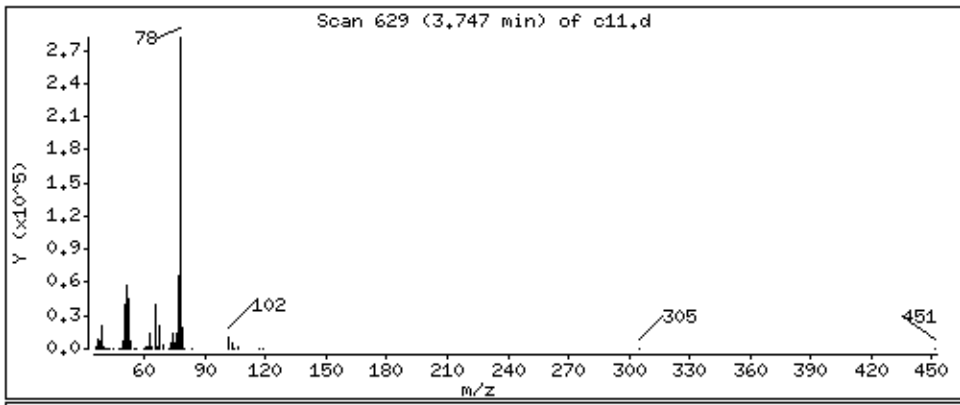
Column phase: DB-624

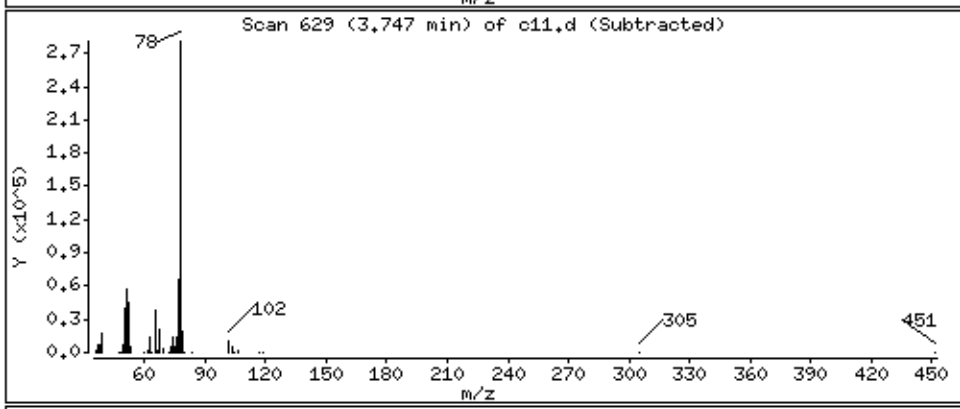
Column diameter: 0.18

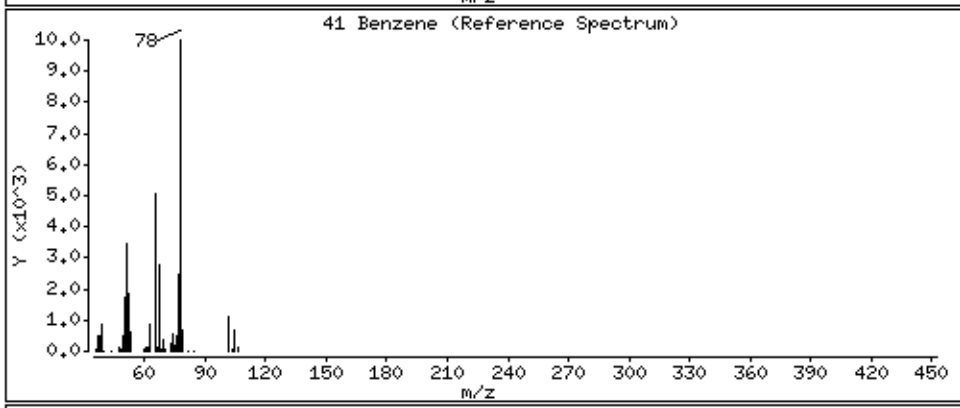
41 Benzene

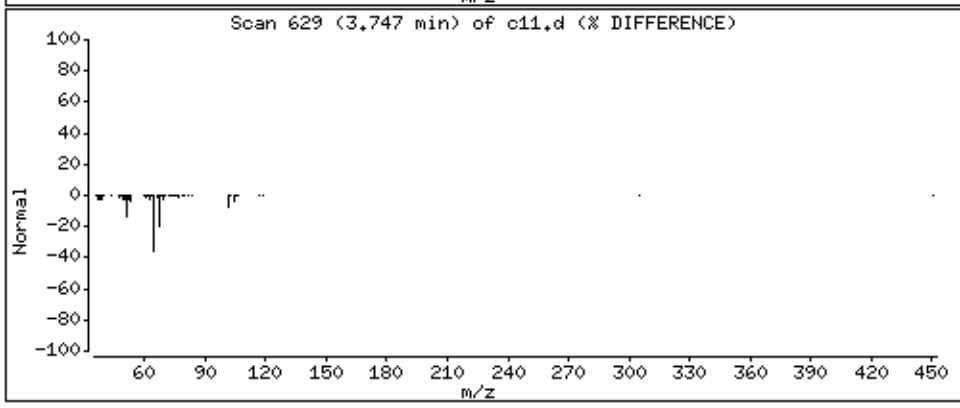
Concentration: 37.9 ppb

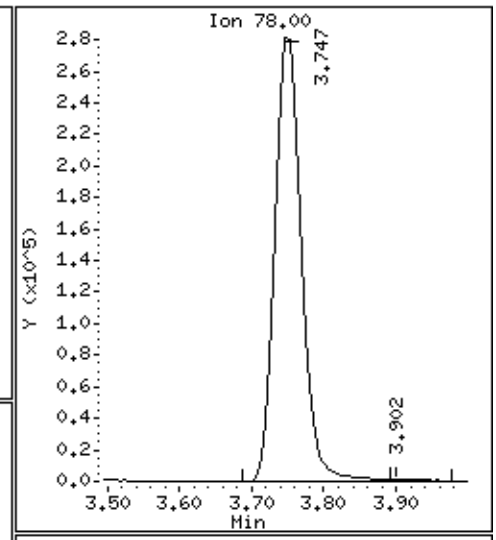
Review Code:

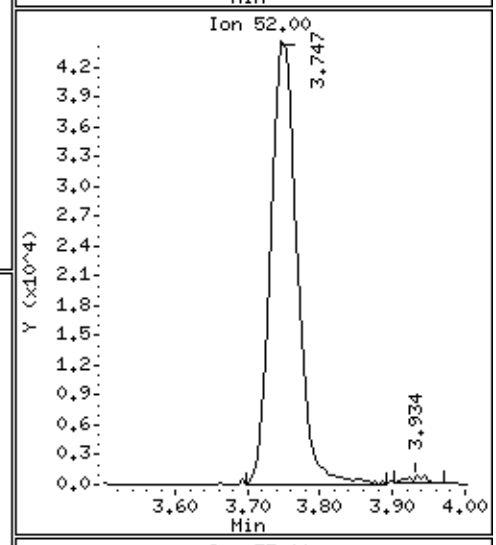


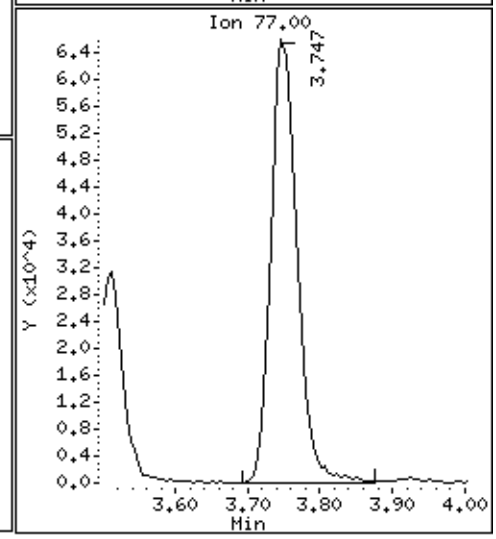












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

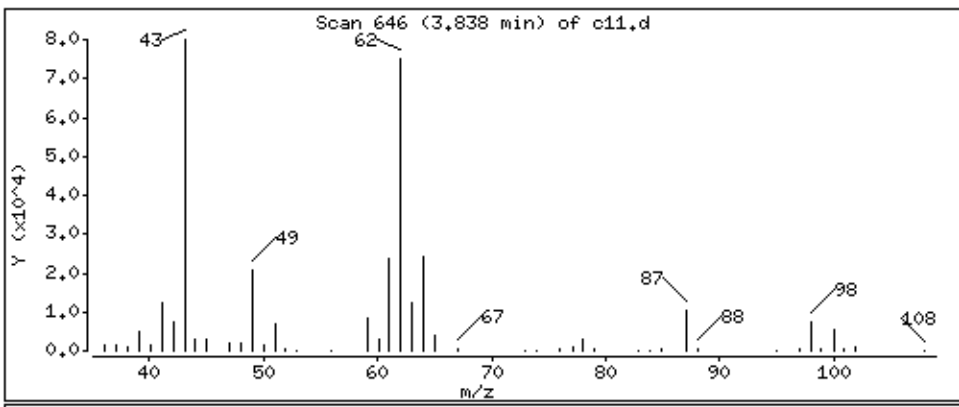
Column phase: DB-624

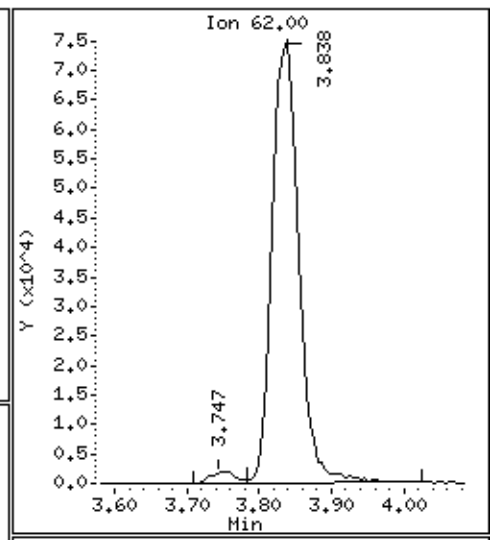
Column diameter: 0.18

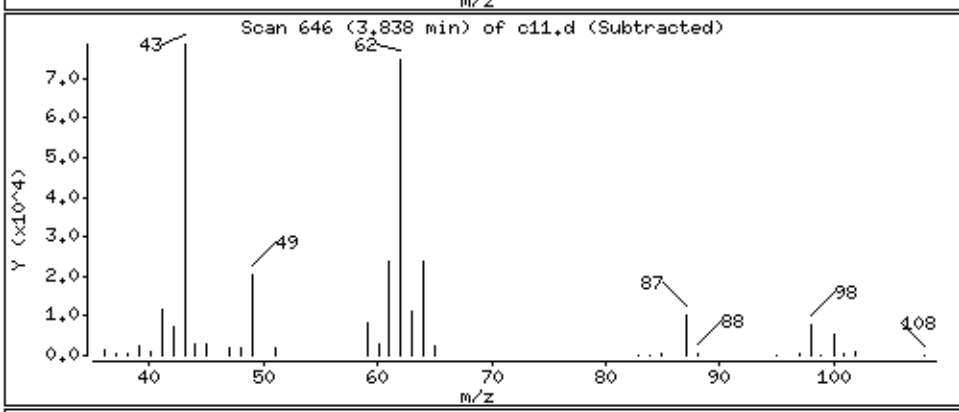
42 1,2-Dichloroethane

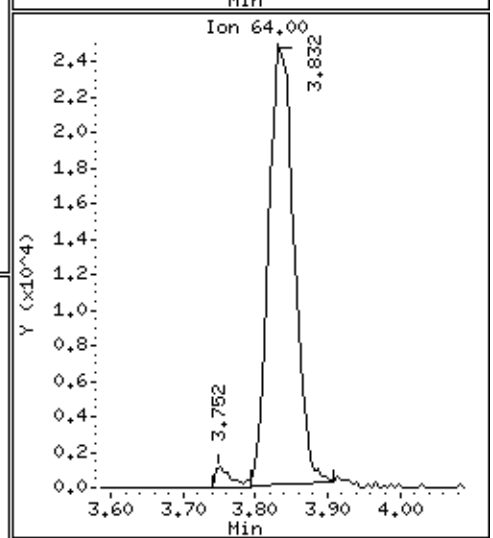
Concentration: 37.3 ppb

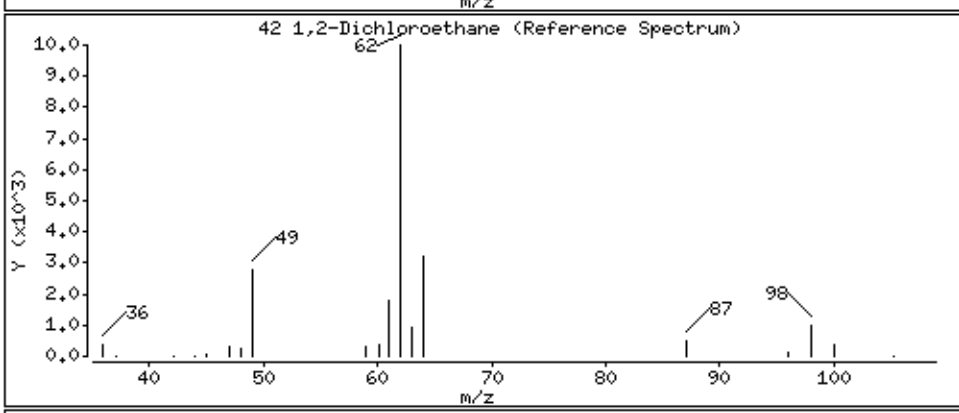
Review Code:

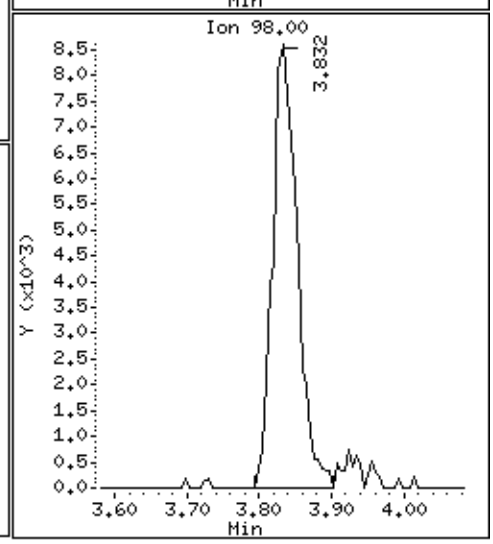


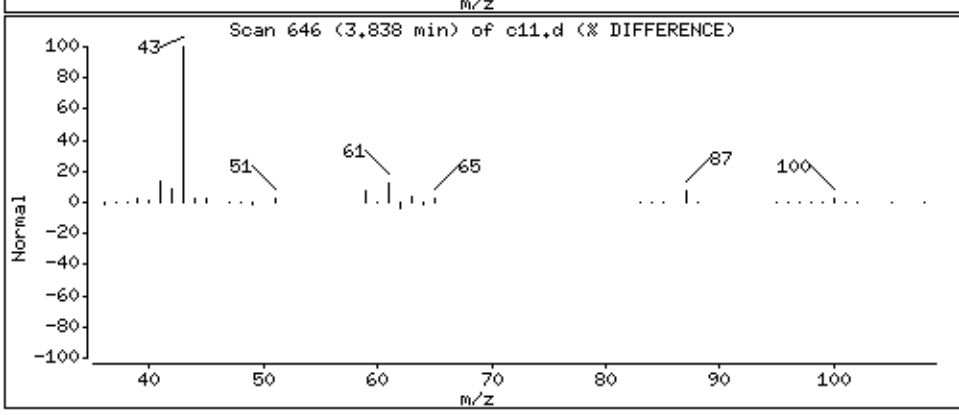












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

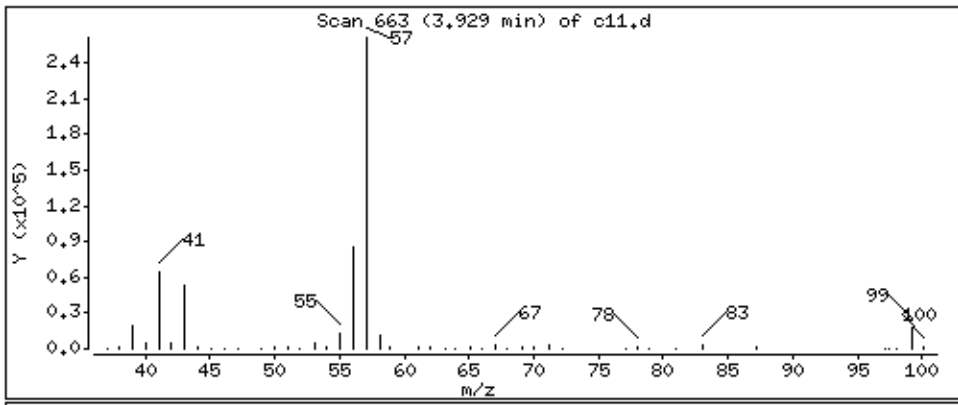
Column phase: DB-624

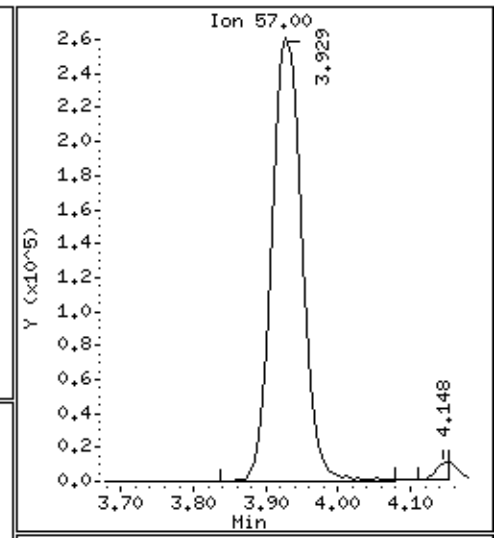
Column diameter: 0.18

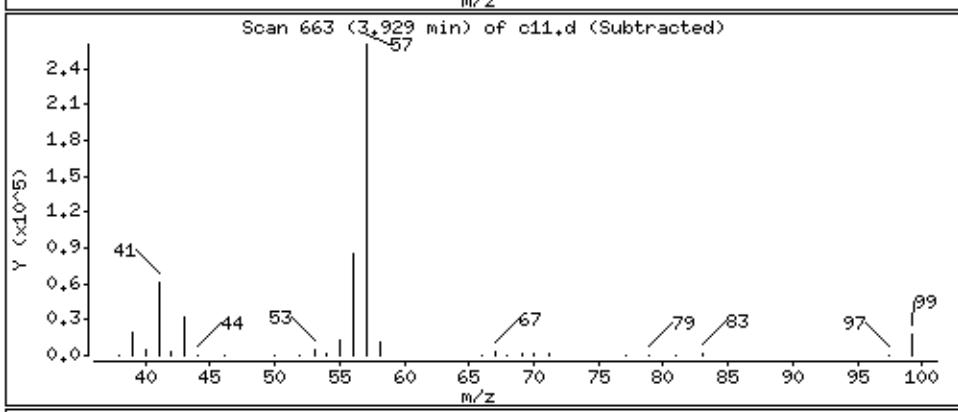
43 2,2,4-Trimethylpentane

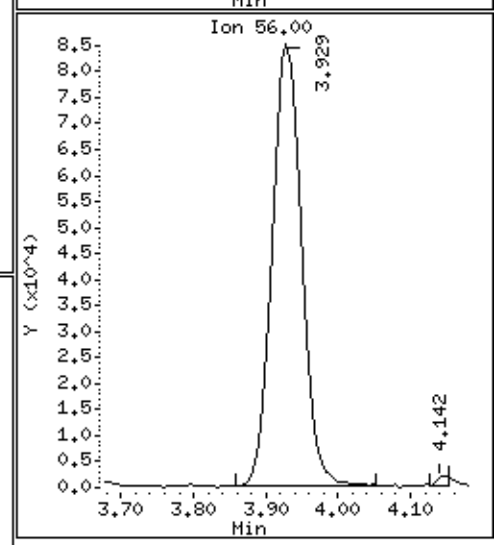
Concentration: 37.9 ppb

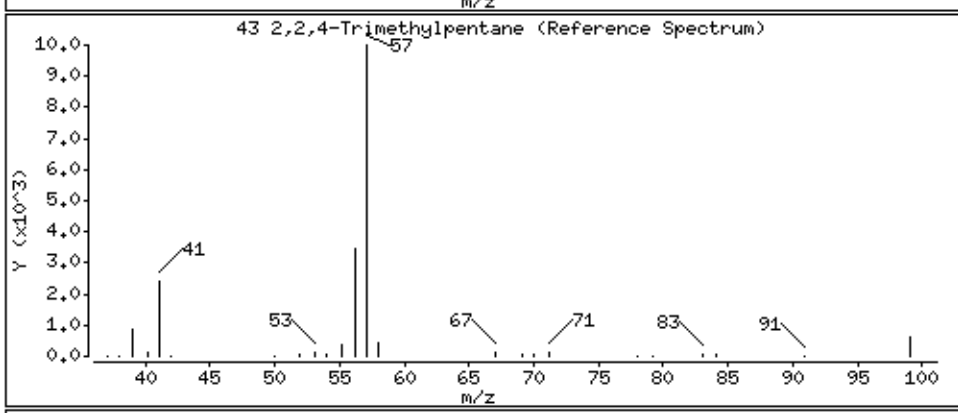
Review Code:

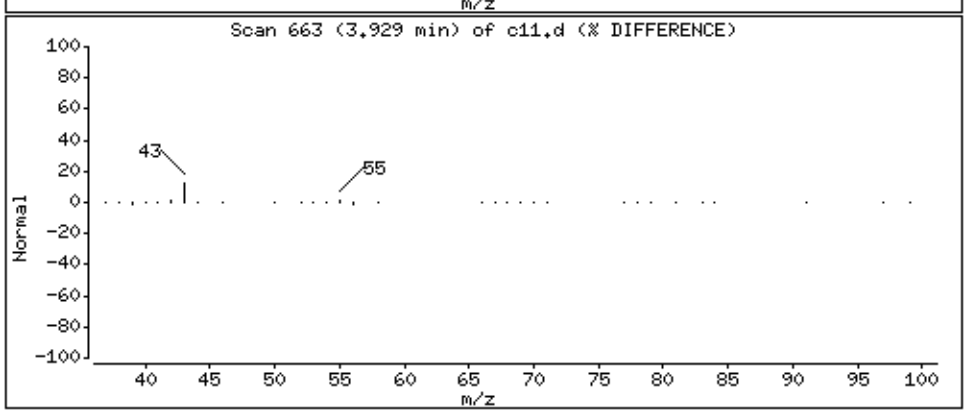












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

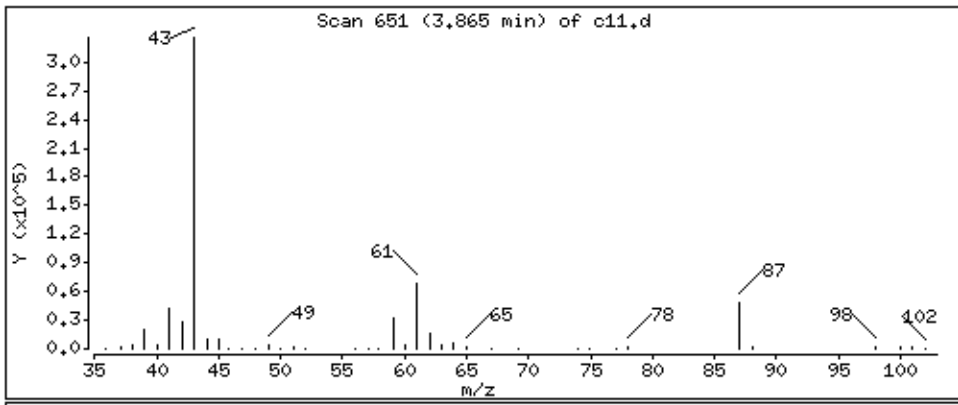
Column phase: DB-624

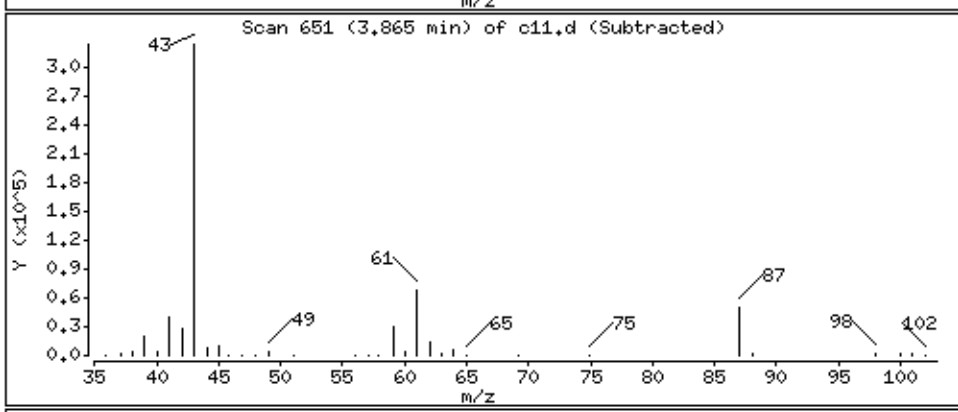
Column diameter: 0.18

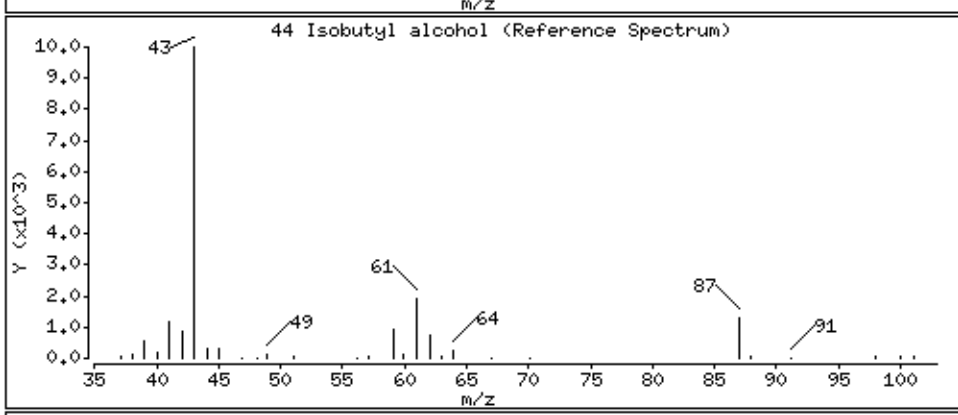
44 Isobutyl alcohol

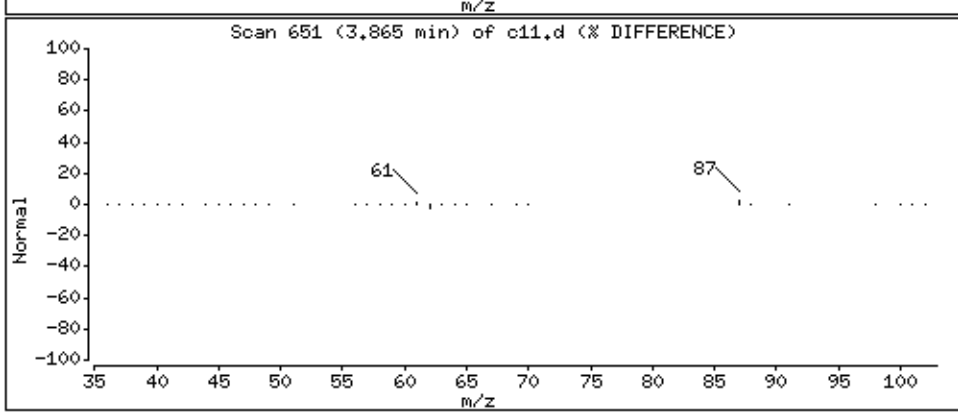
Concentration: 43.1 ppb

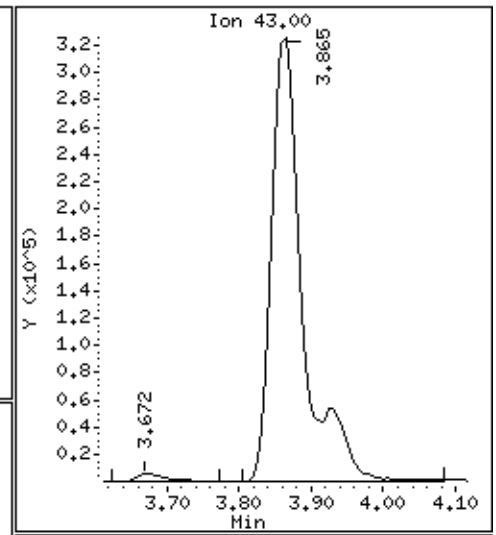
Review Code:

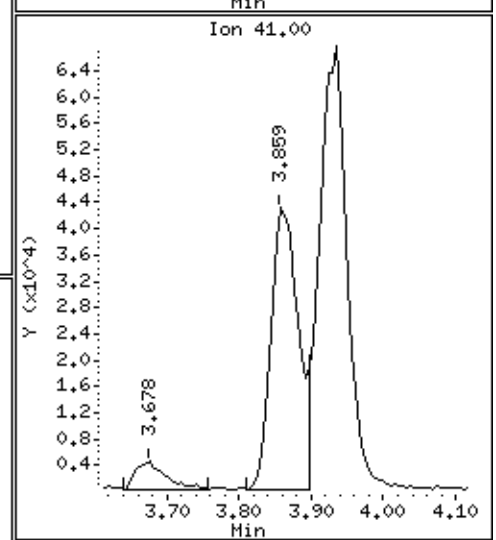


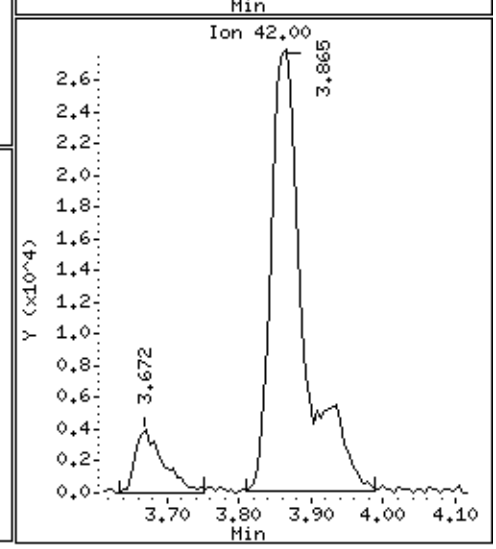












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

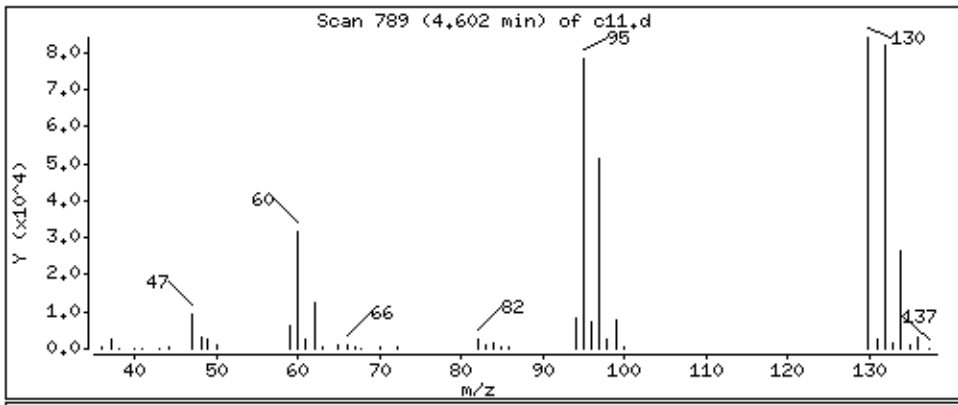
Column phase: DB-624

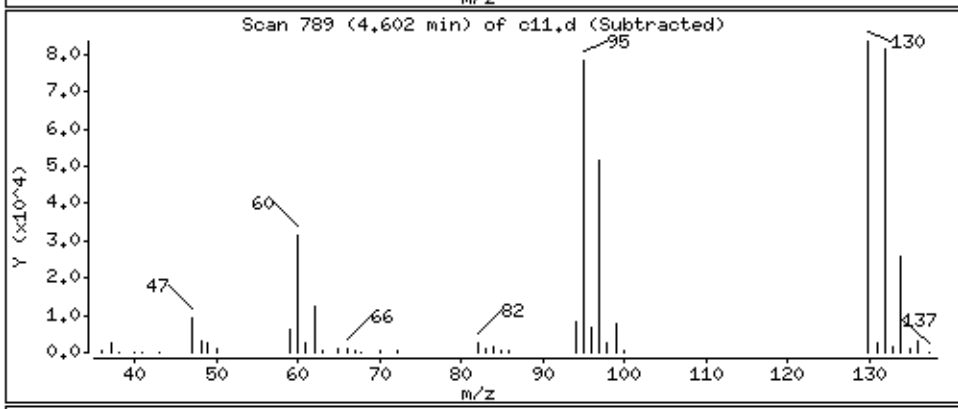
Column diameter: 0.18

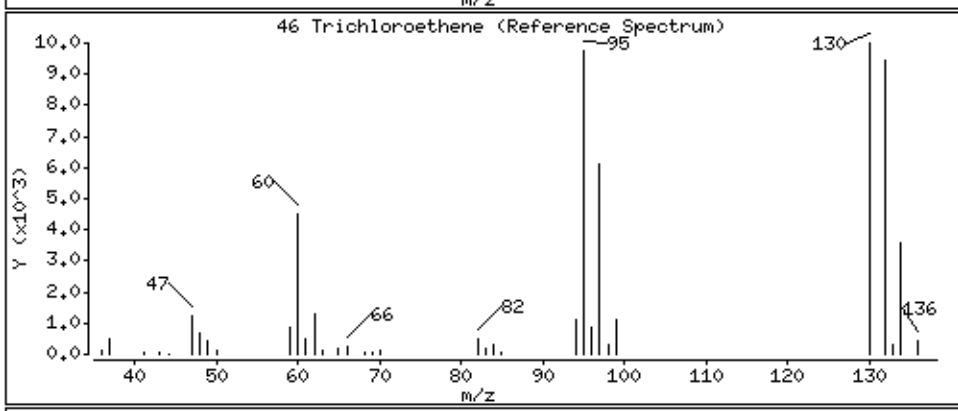
46 Trichloroethene

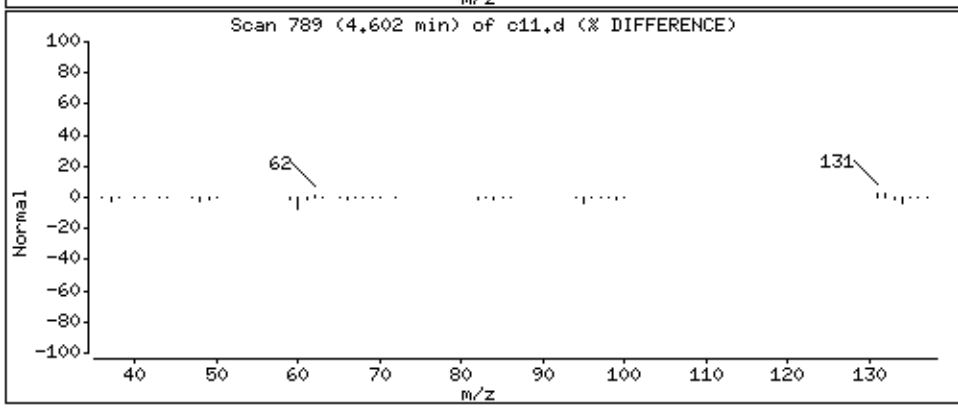
Concentration: 33.6 ppb

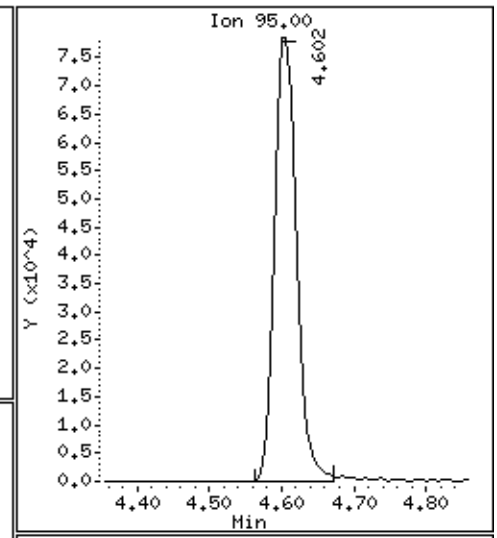
Review Code:

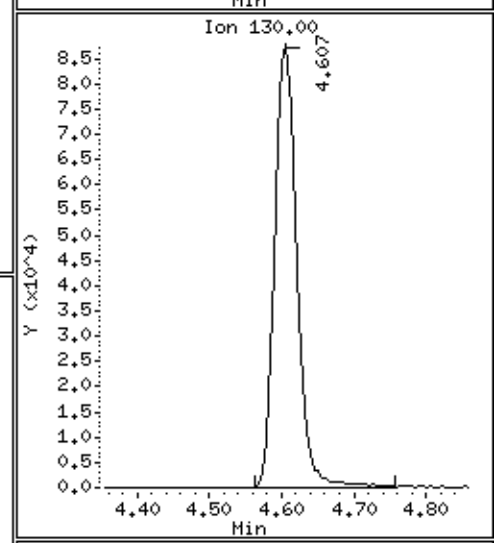


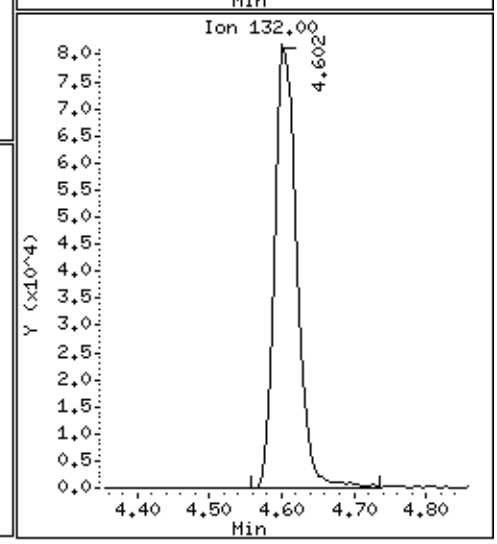












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

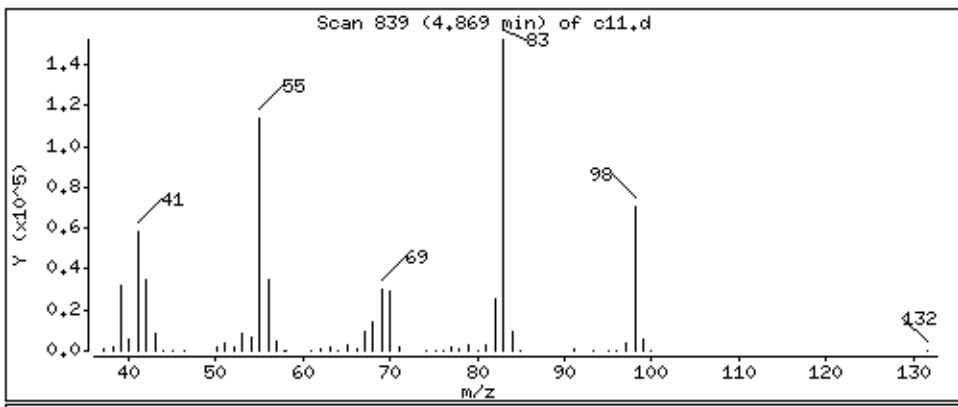
Column phase: DB-624

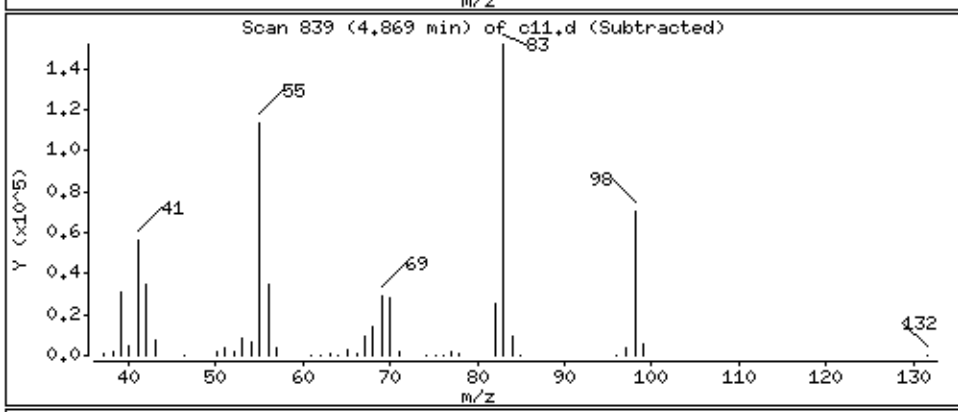
Column diameter: 0.18

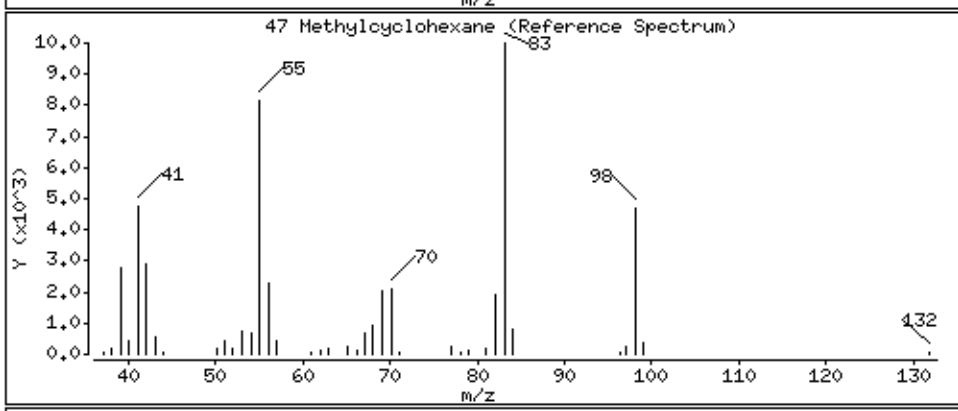
47 Methylcyclohexane

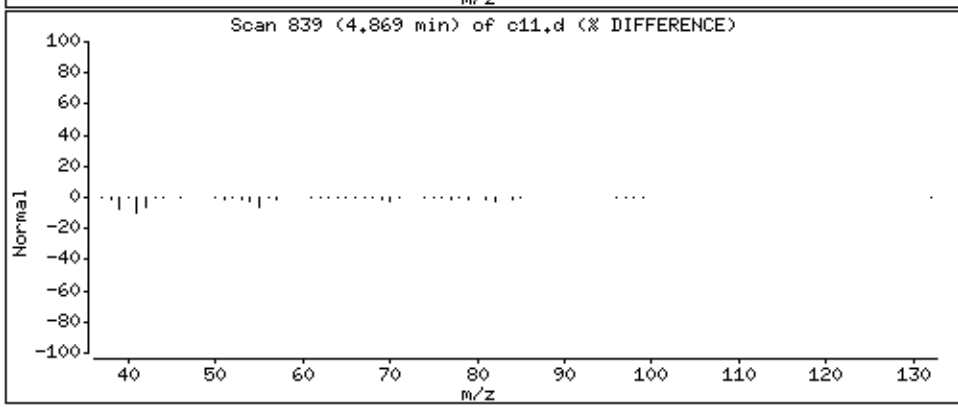
Concentration: 33.9 ppb

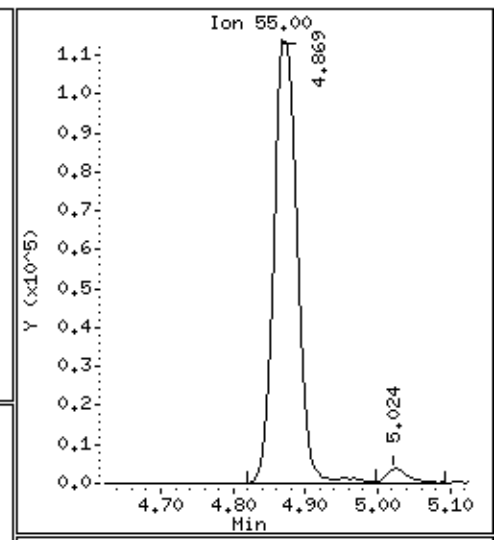
Review Code:

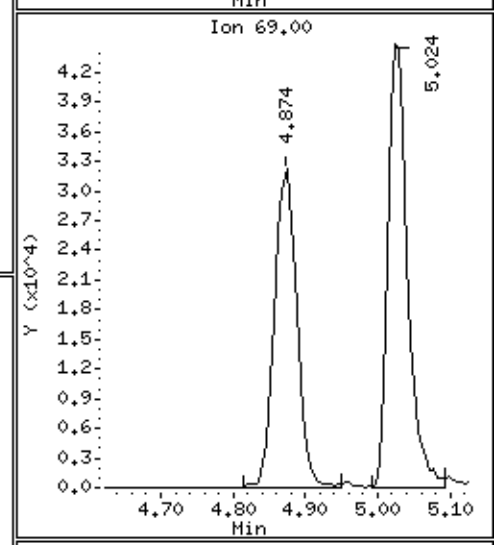


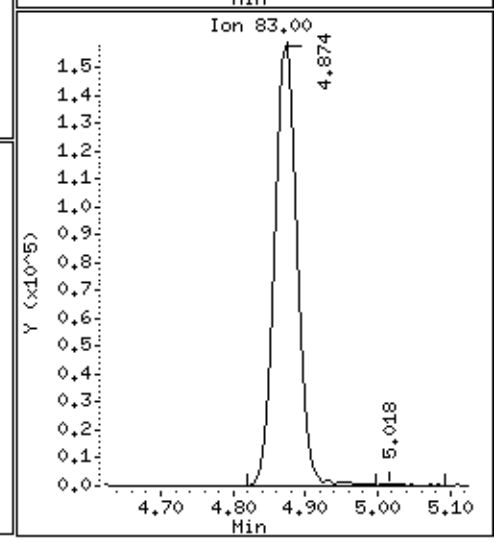












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

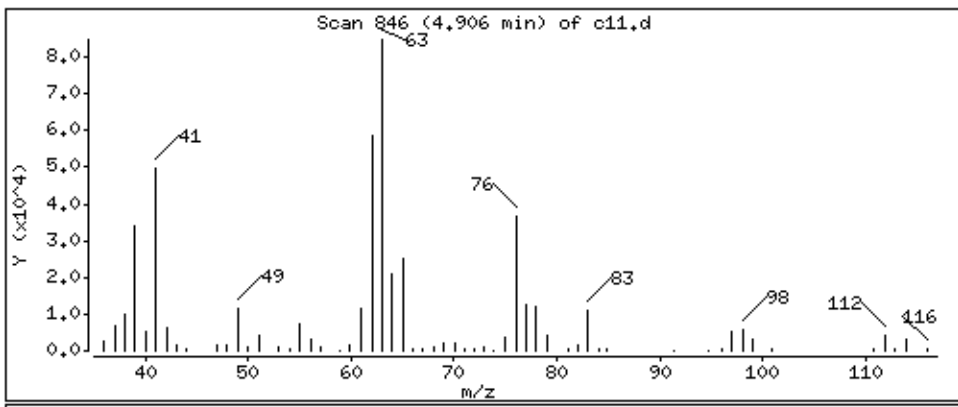
Column phase: DB-624

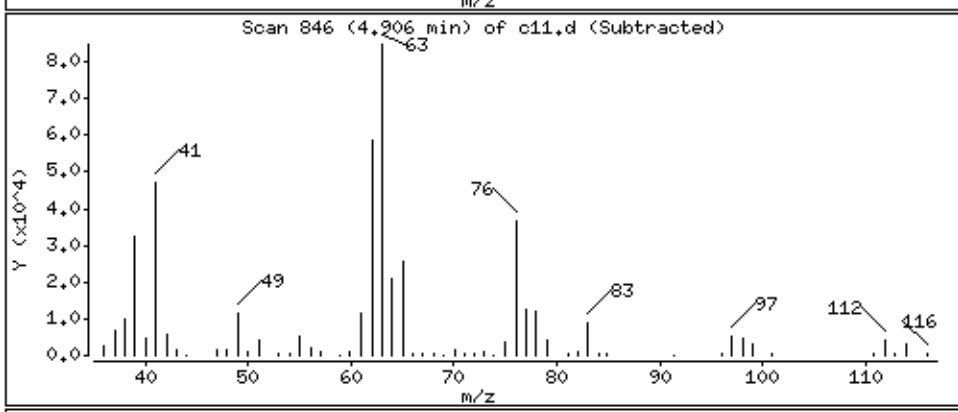
Column diameter: 0.18

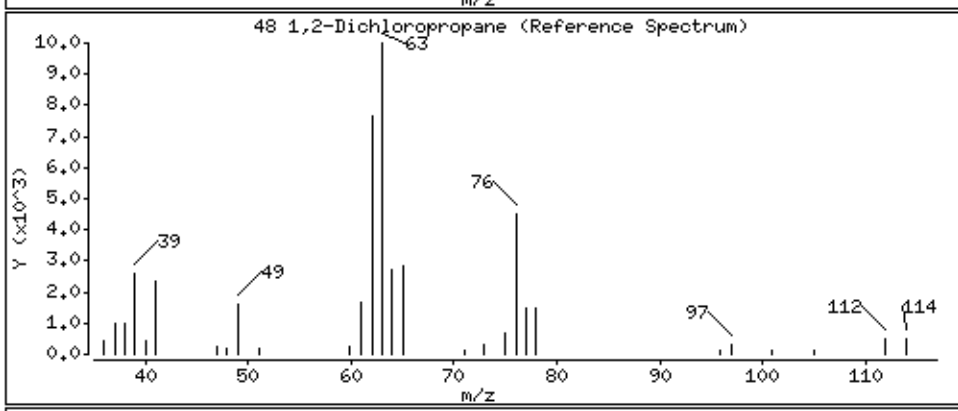
48 1,2-Dichloropropane

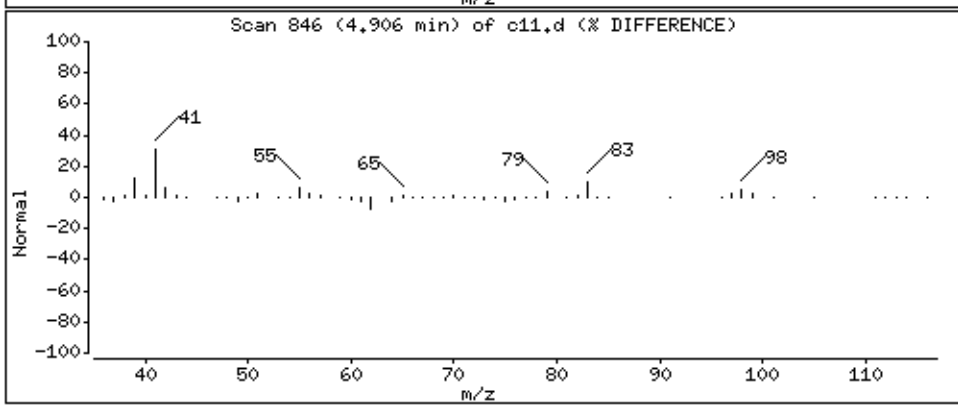
Concentration: 39.7 ppb

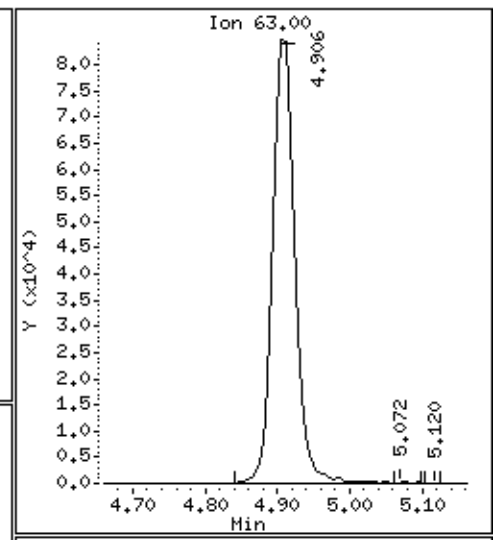
Review Code:

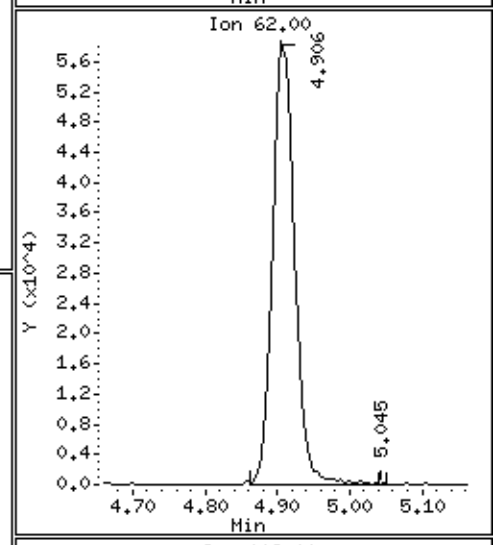


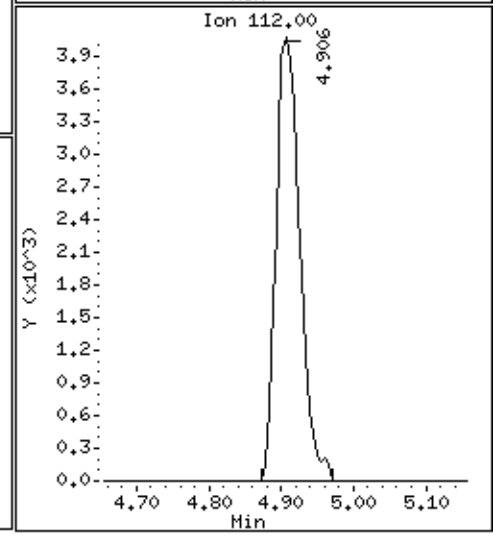












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

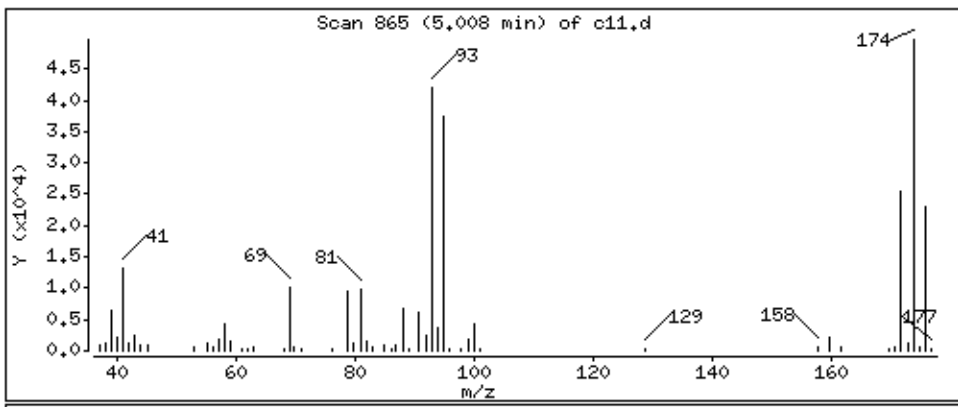
Column phase: DB-624

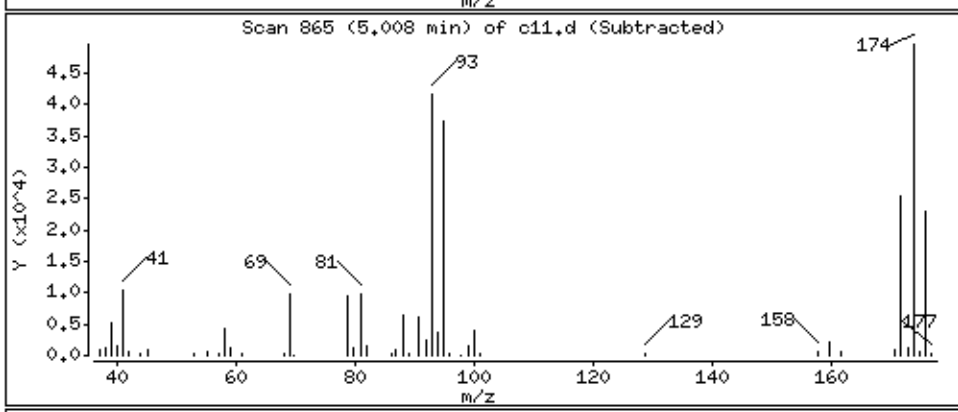
Column diameter: 0.18

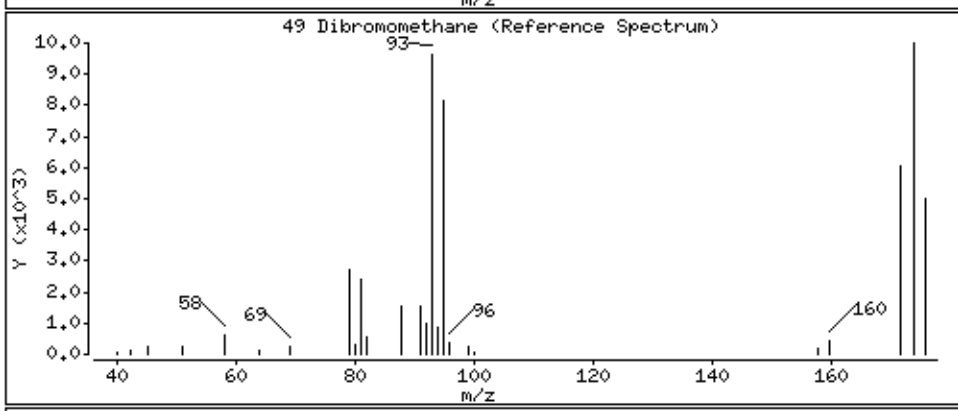
49 Dibromomethane

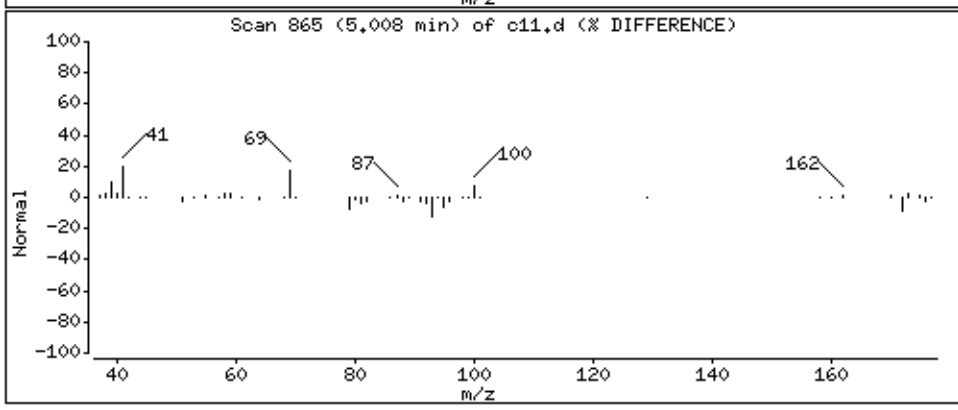
Concentration: 42.8 ppb

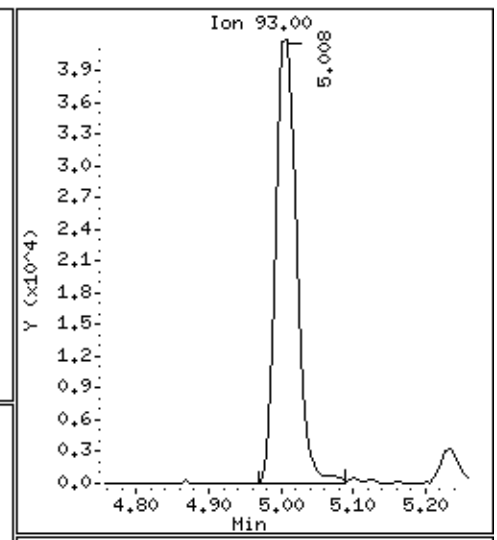
Review Code:

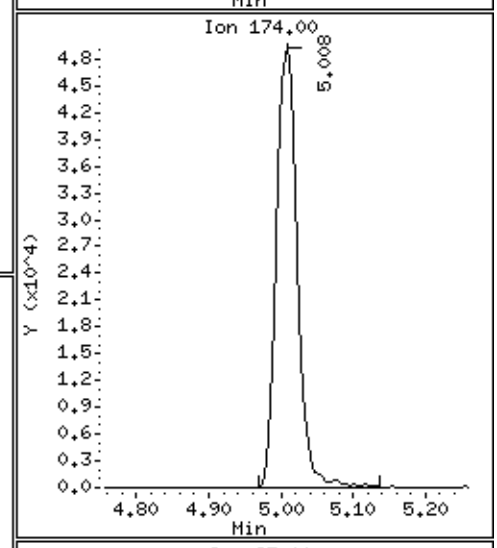


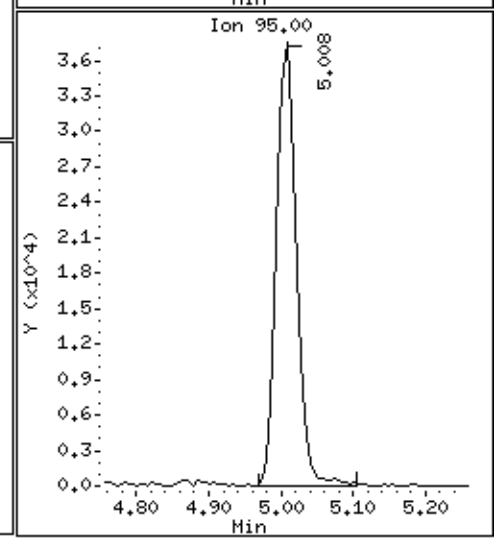












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

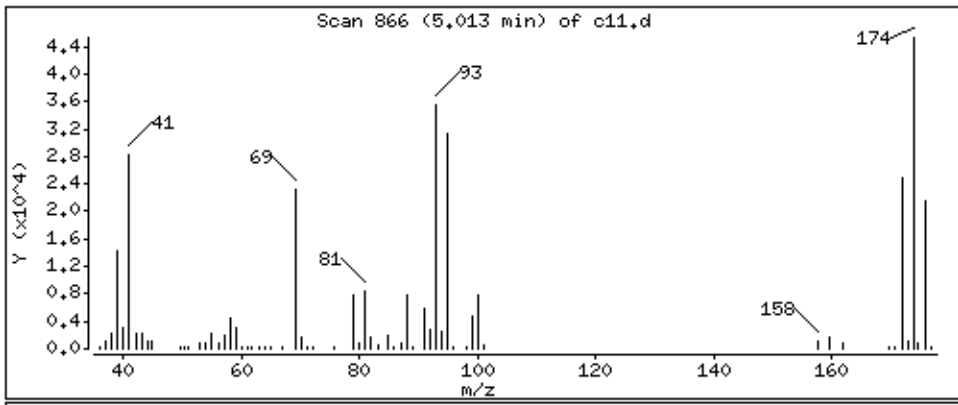
Column phase: DB-624

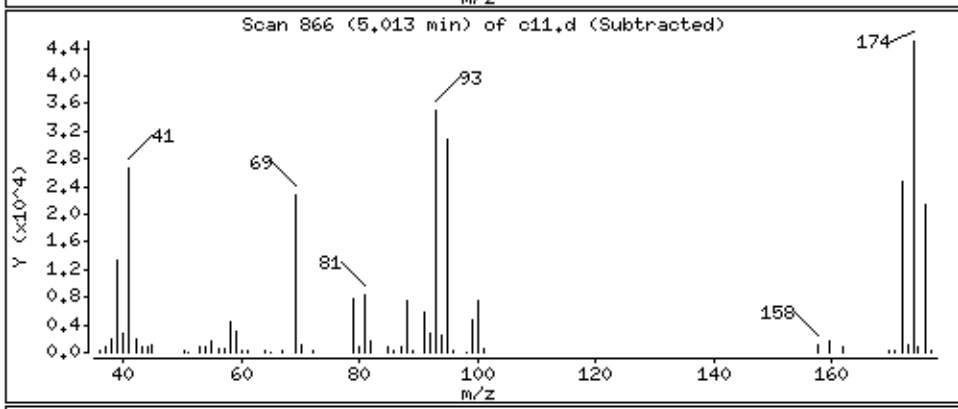
Column diameter: 0.18

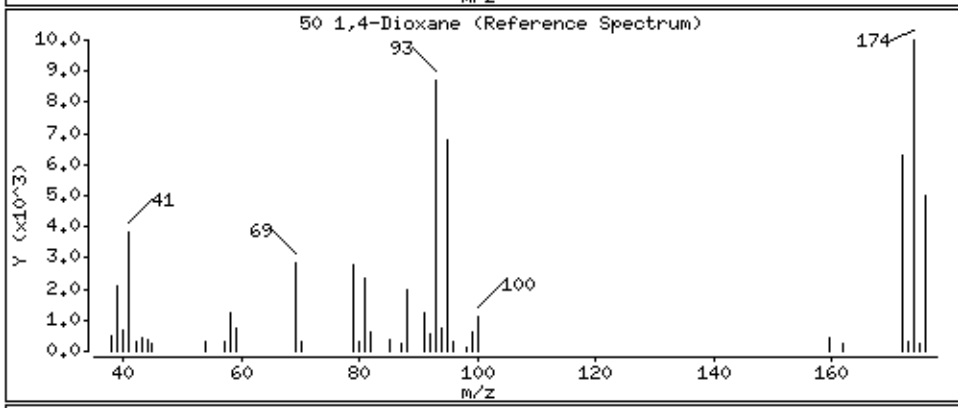
50 1,4-Dioxane

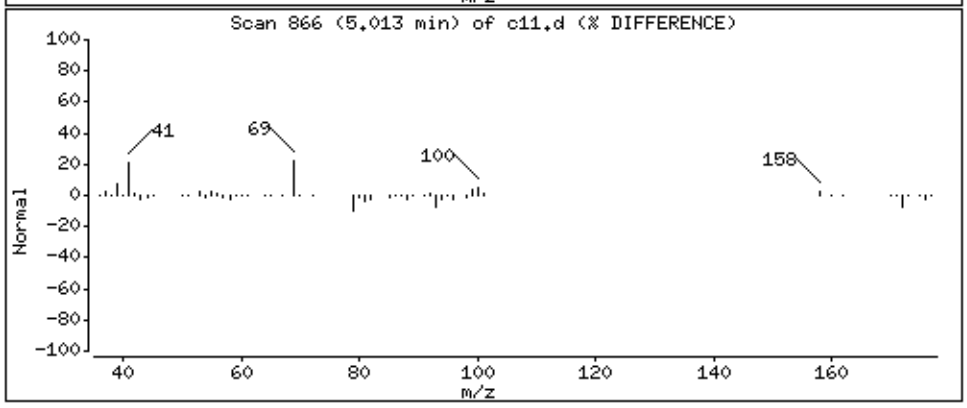
Concentration: 1070 ppb

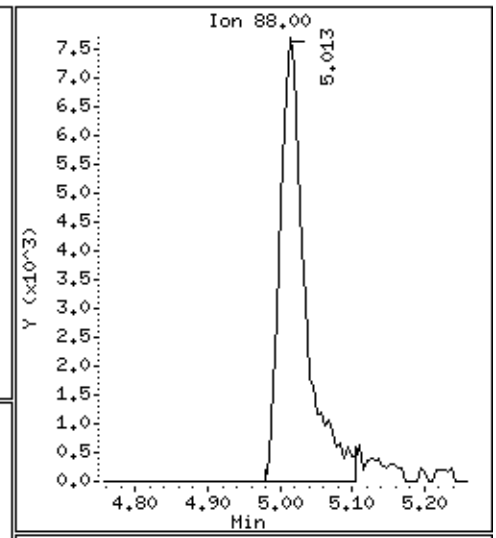
Review Code:

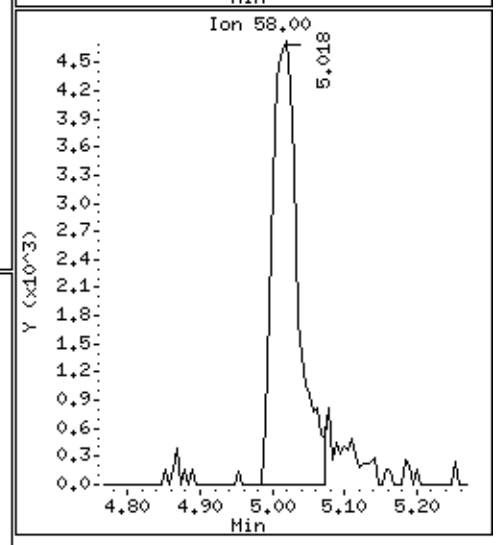












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

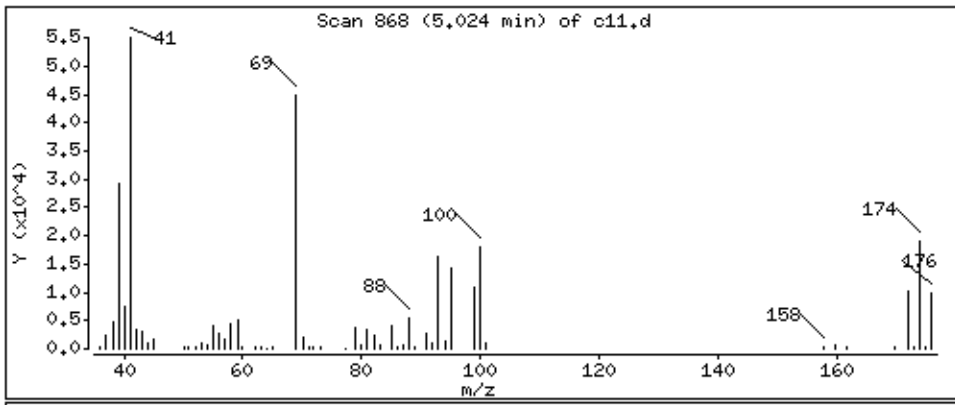
Column phase: DB-624

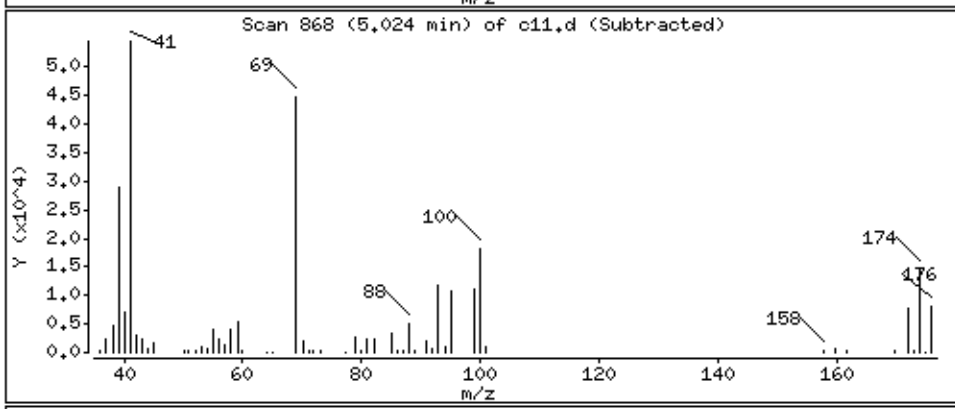
Column diameter: 0.18

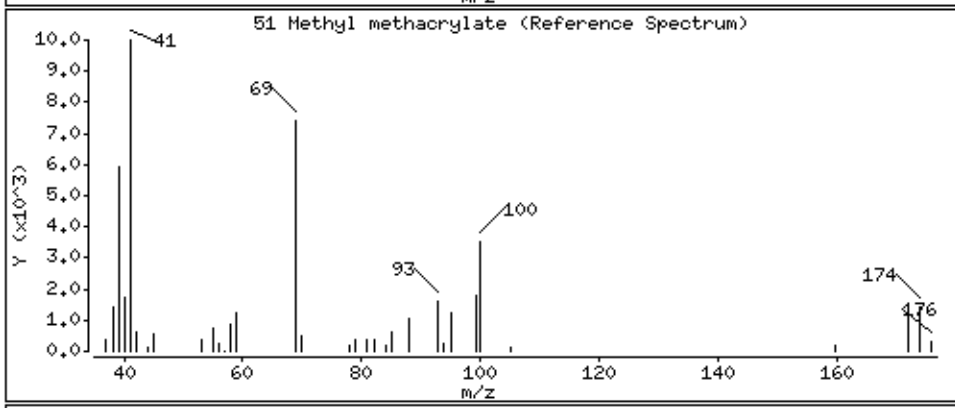
51 Methyl methacrylate

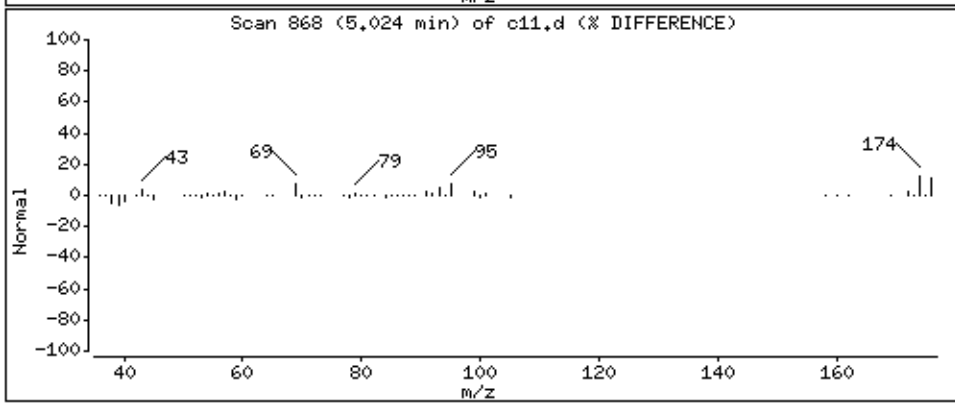
Concentration: 43.6 ppb

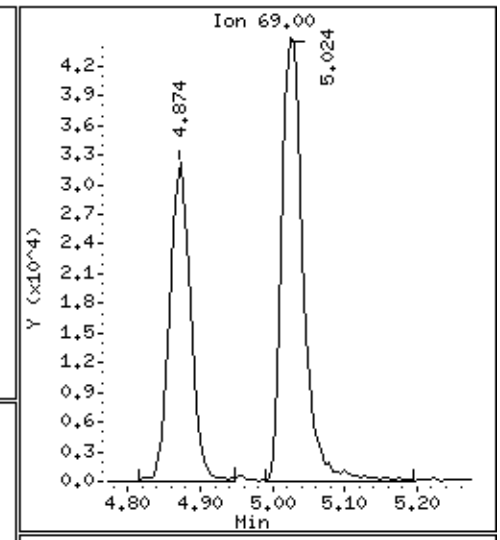
Review Code:

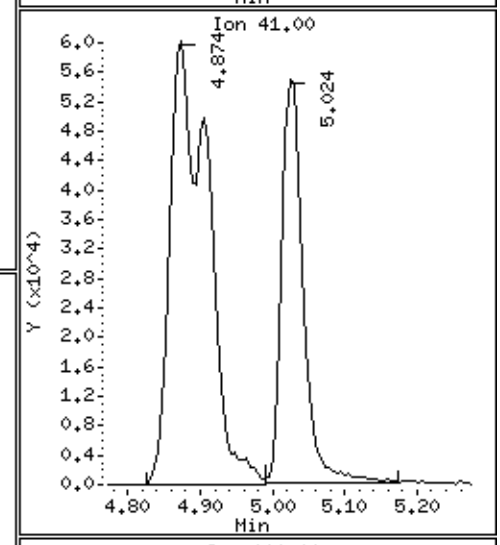


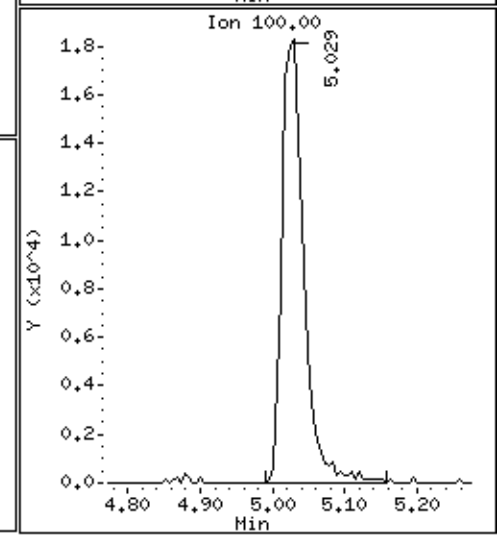












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

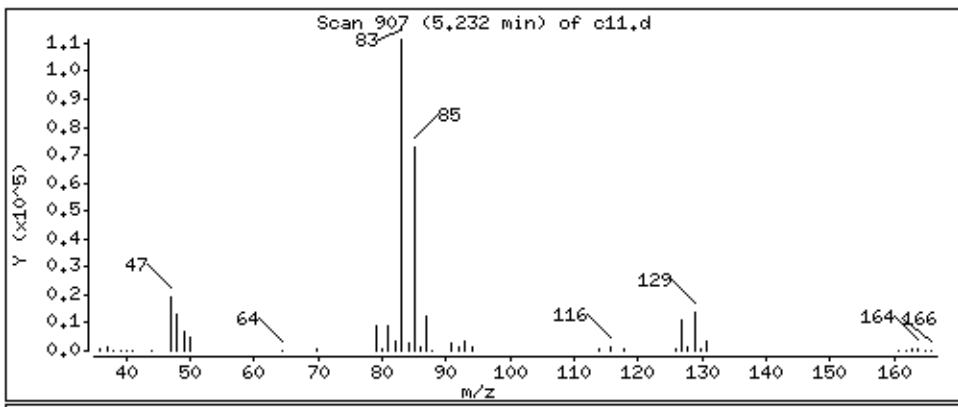
Column phase: DB-624

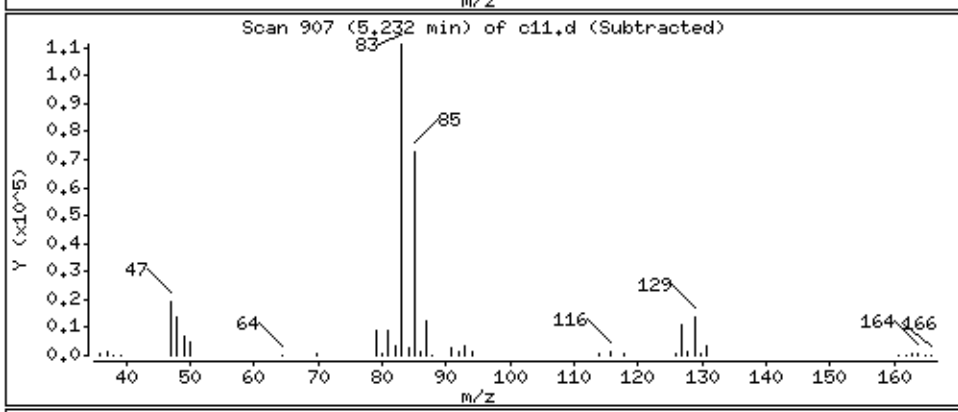
Column diameter: 0.18

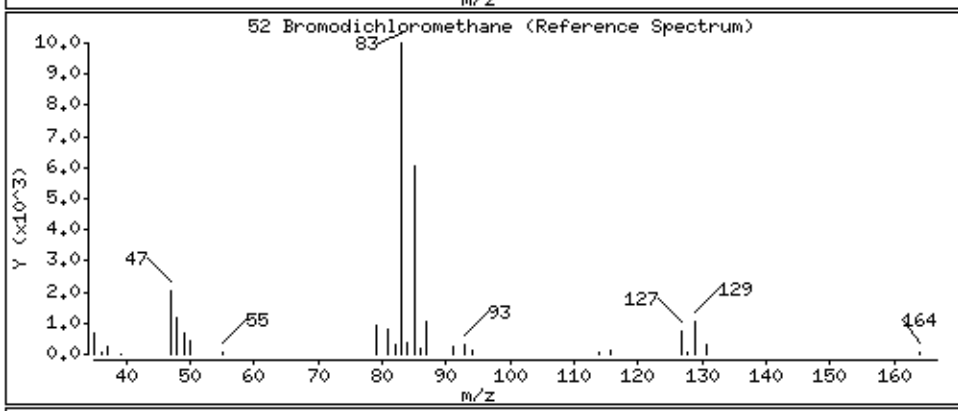
52 Bromodichloromethane

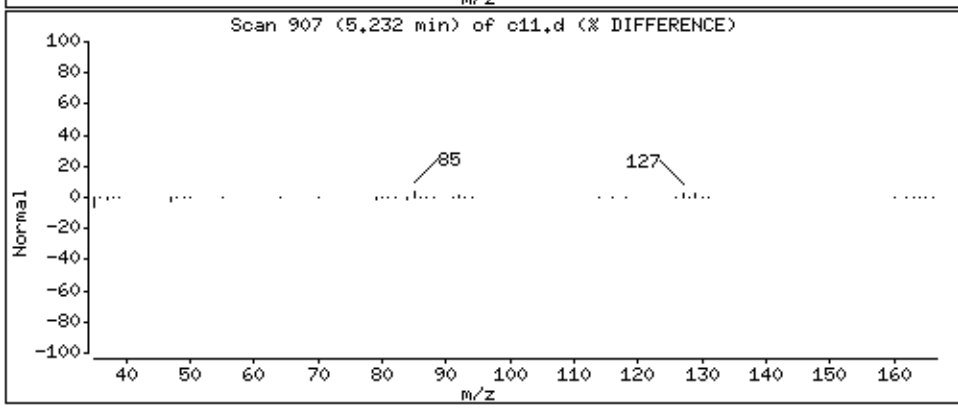
Concentration: 38.1 ppb

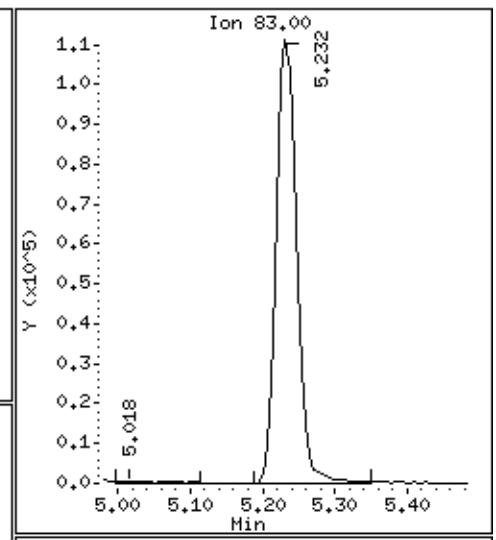
Review Code:

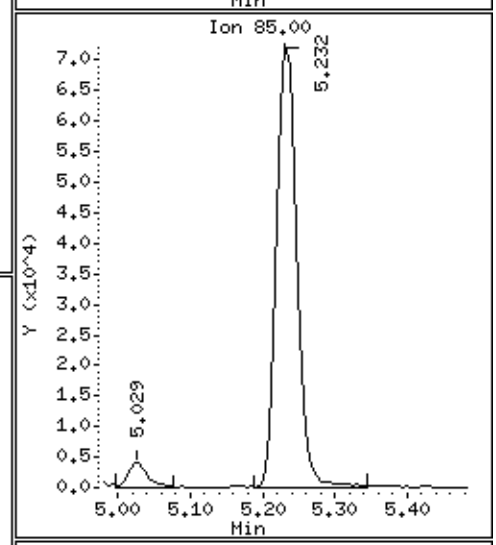


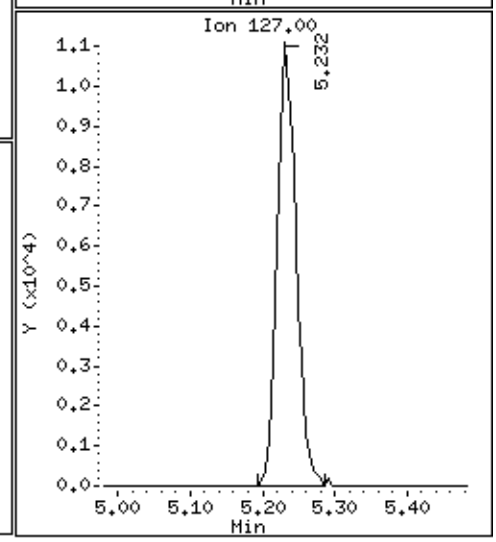












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

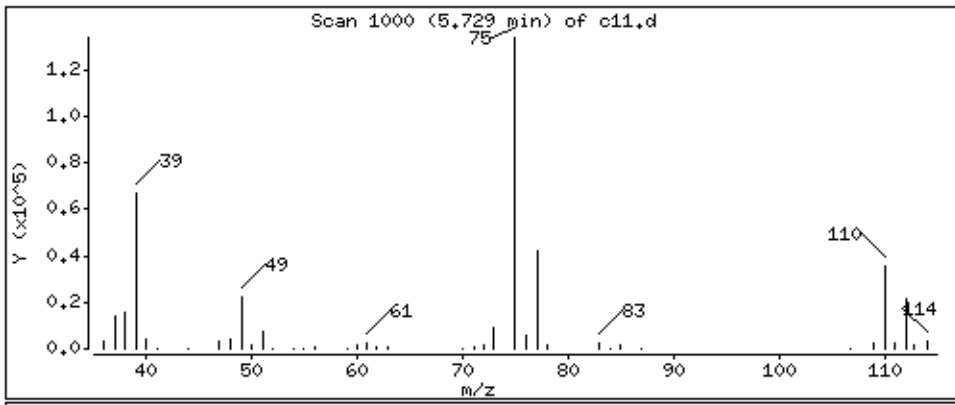
Column phase: DB-624

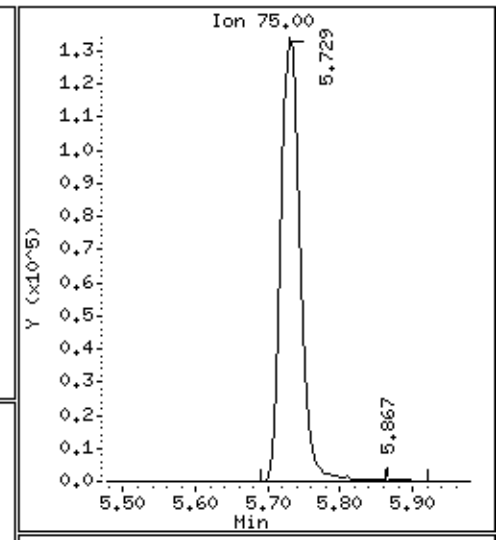
Column diameter: 0.18

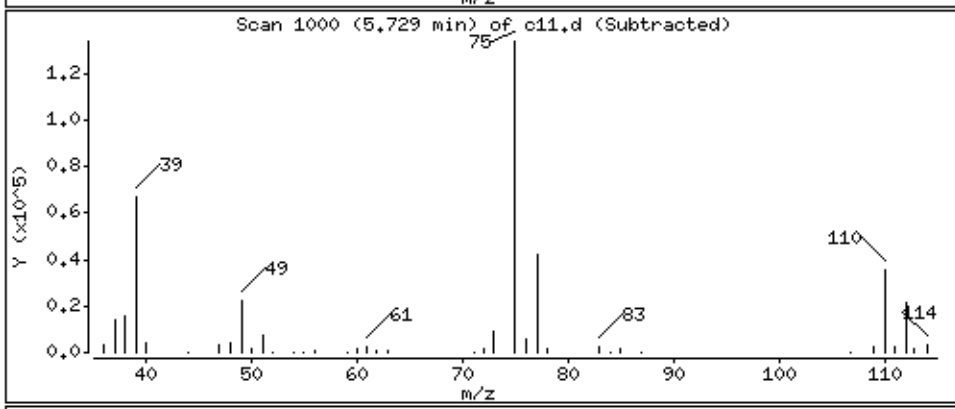
54 cis-1,3-Dichloropropene

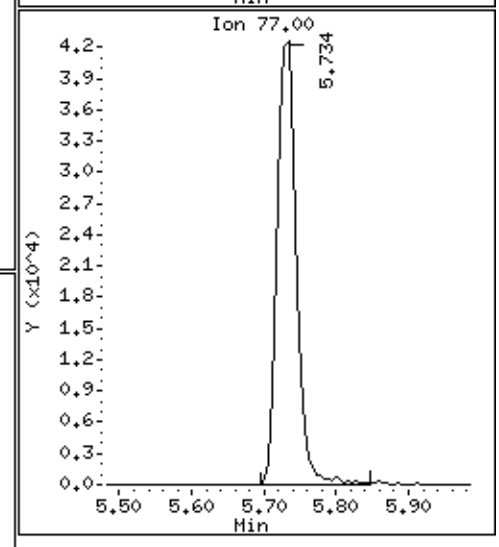
Concentration: 36.0 ppb

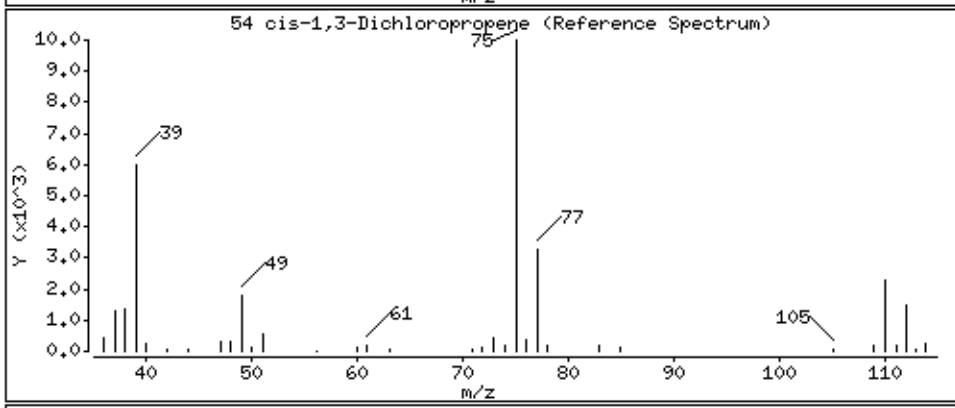
Review Code:

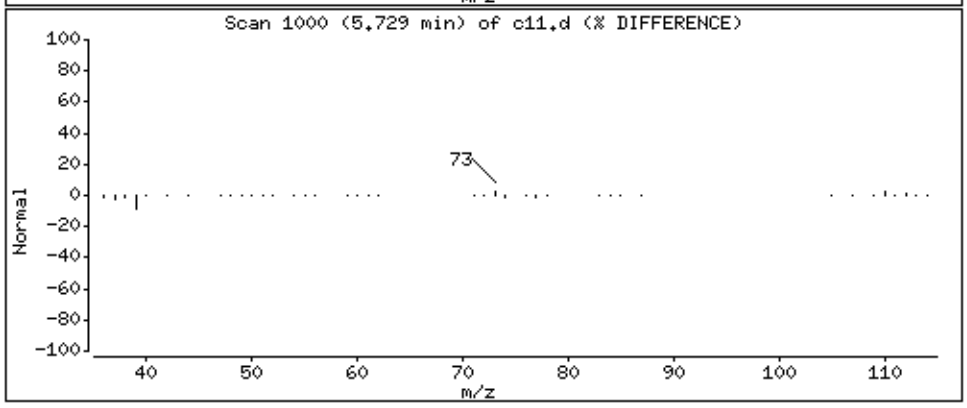












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

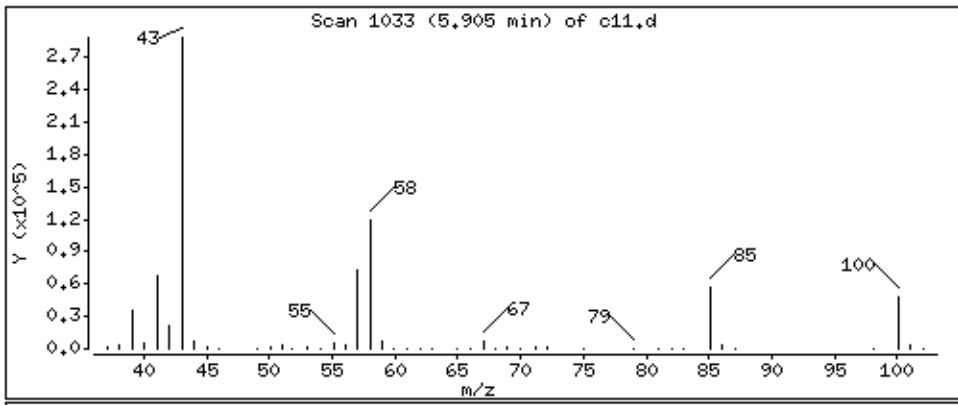
Column phase: DB-624

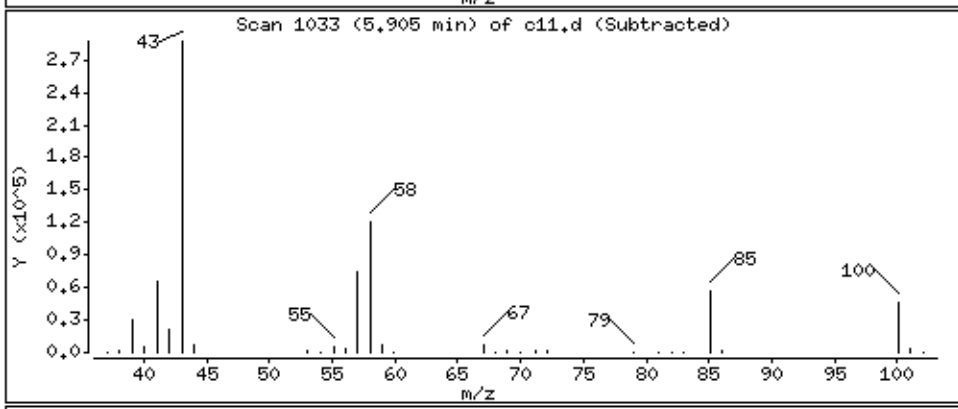
Column diameter: 0.18

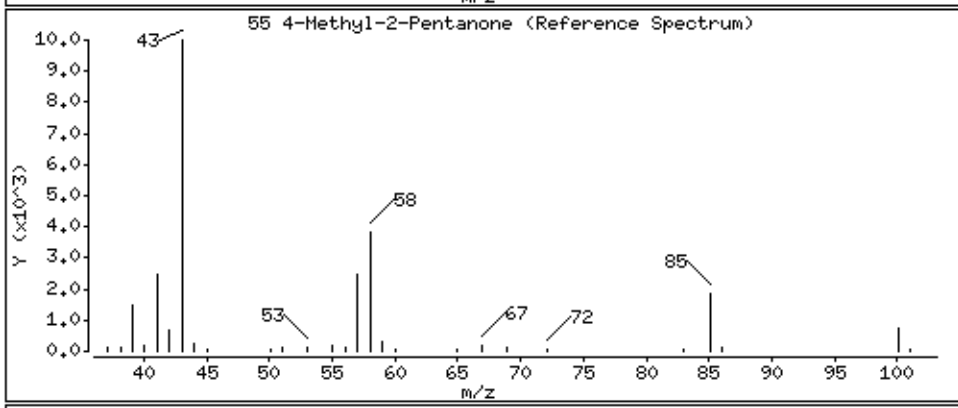
55 4-Methyl-2-Pentanone

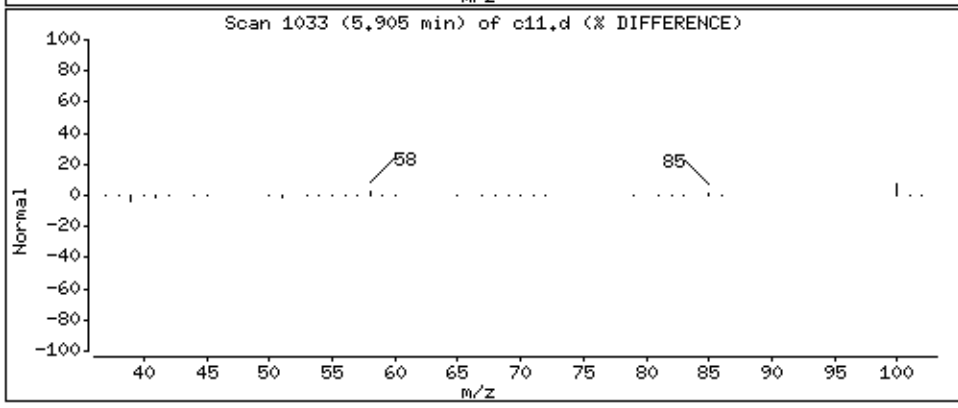
Concentration: 211 ppb

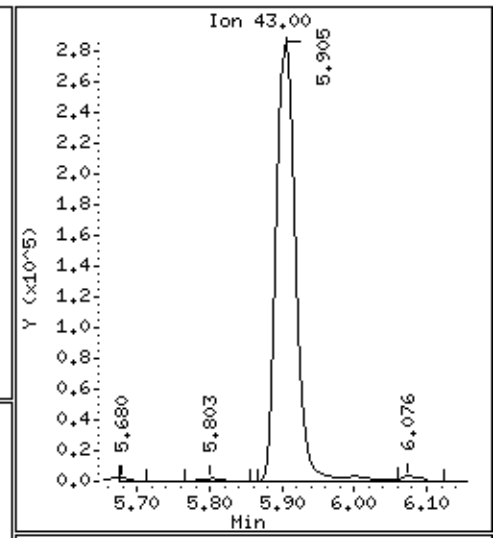
Review Code:

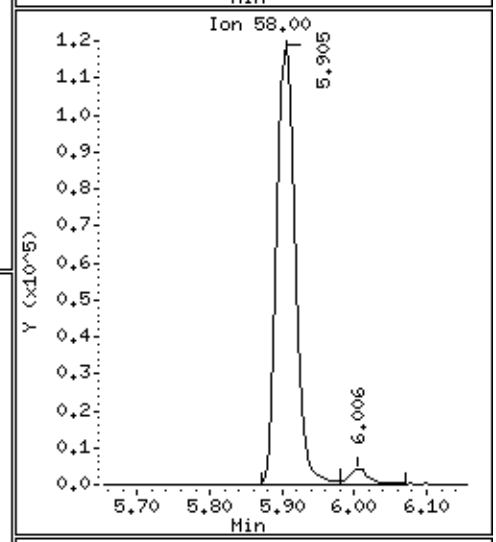


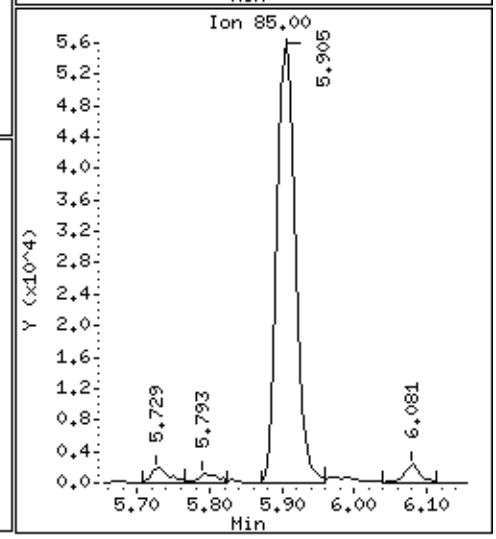












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

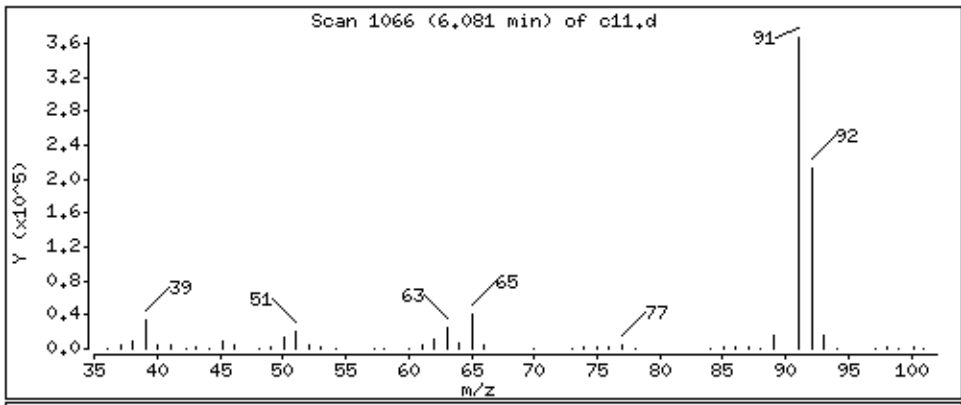
Column phase: DB-624

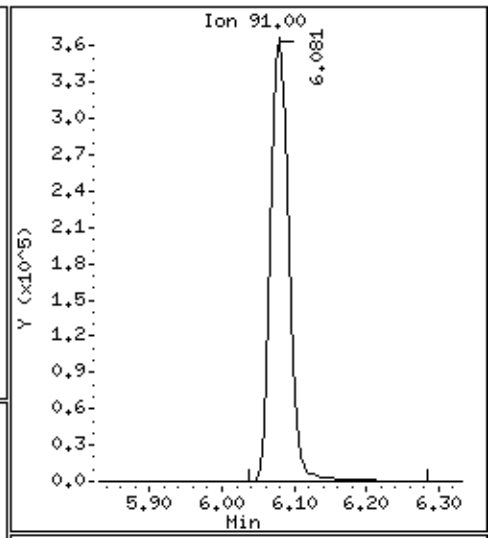
Column diameter: 0.18

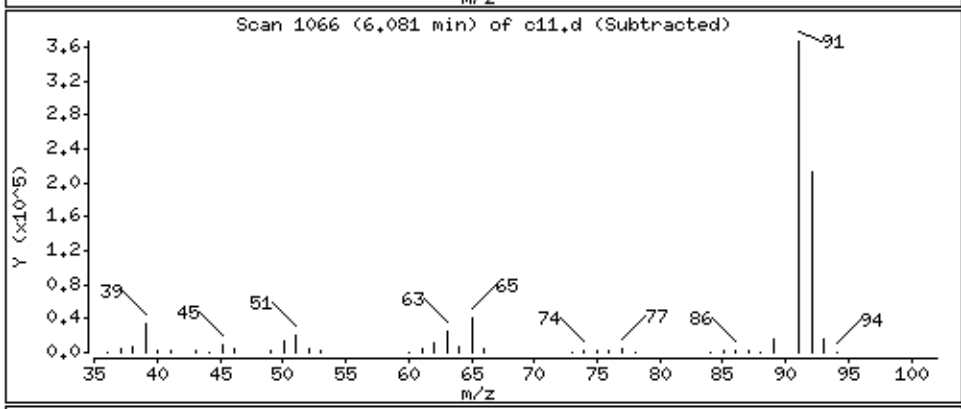
57 Toluene

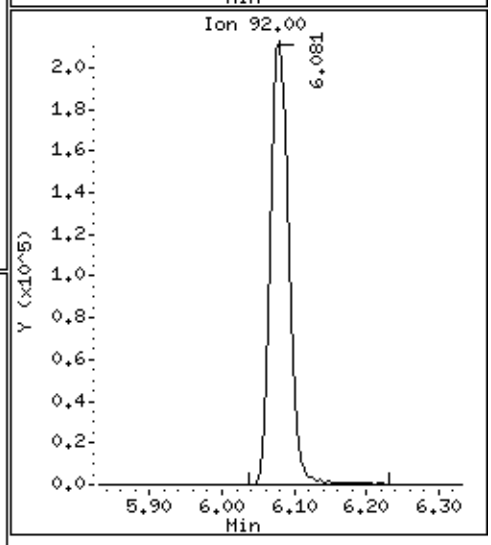
Concentration: 32.3 ppb

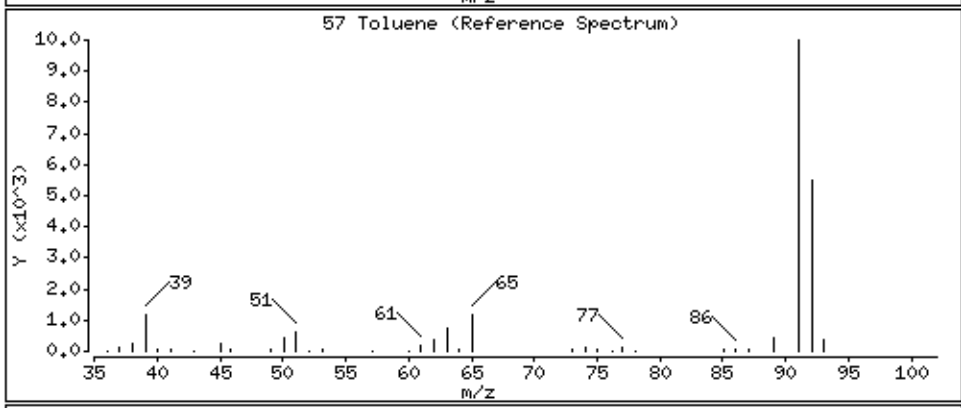
Review Code:

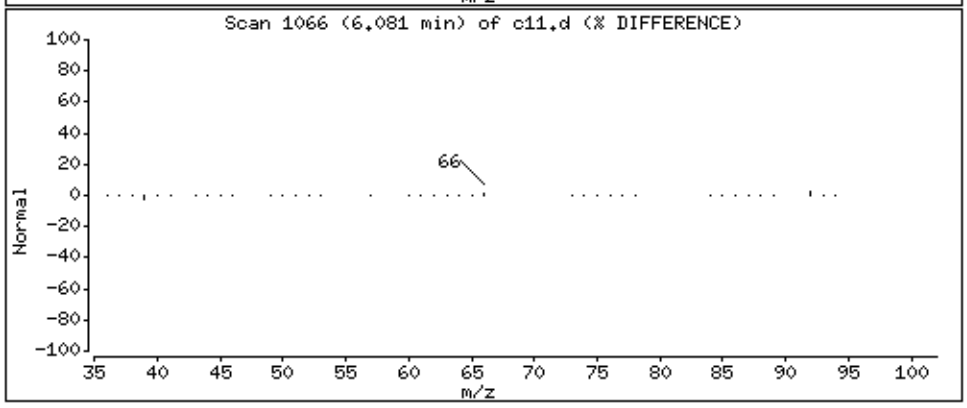












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

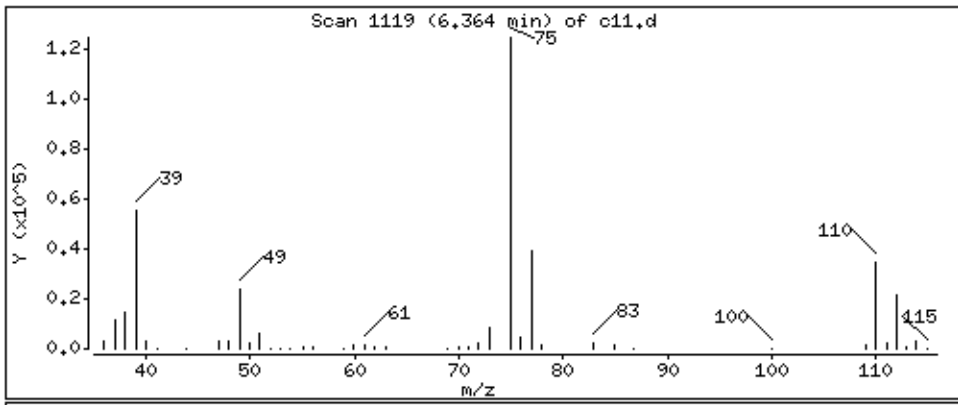
Column phase: DB-624

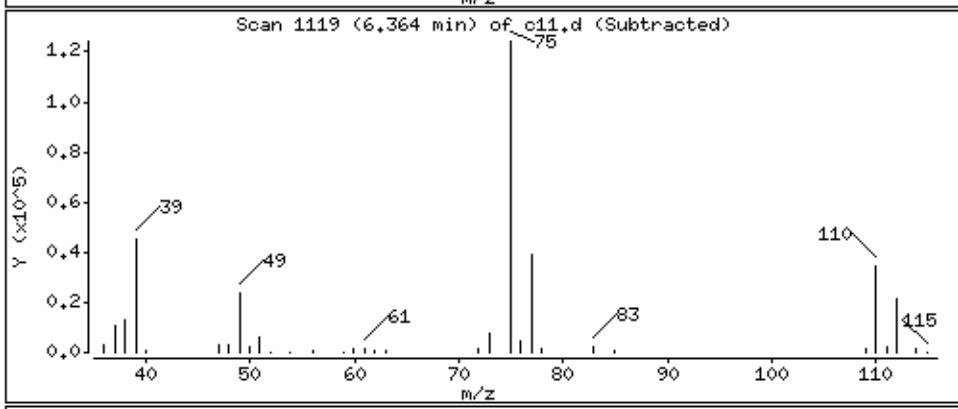
Column diameter: 0.18

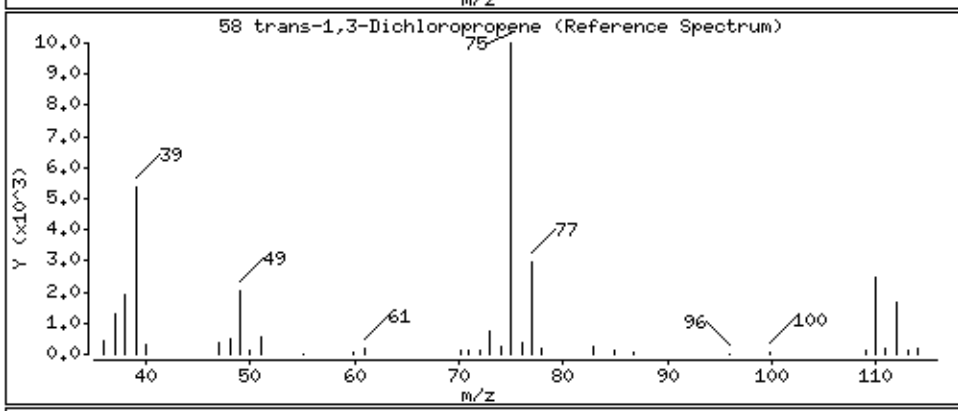
58 trans-1,3-Dichloropropene

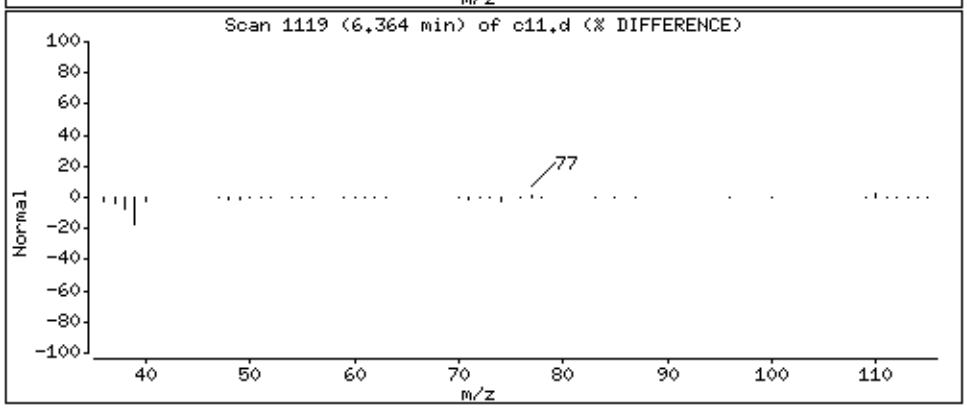
Concentration: 36.2 ppb

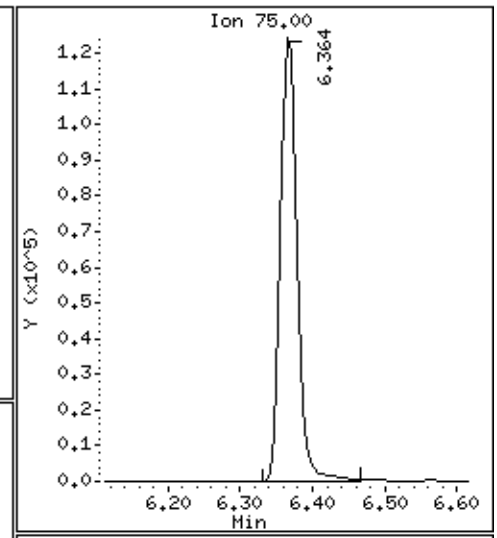
Review Code:

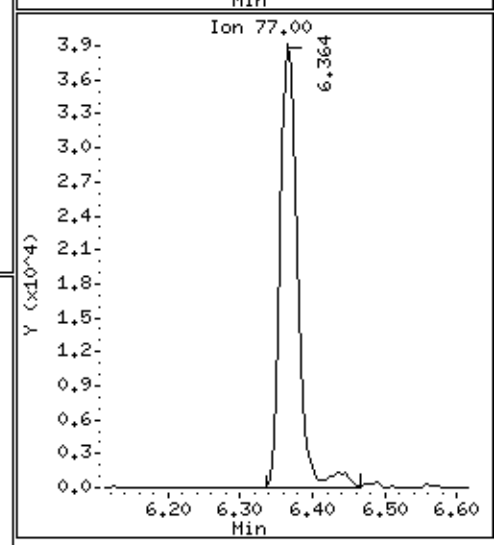












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

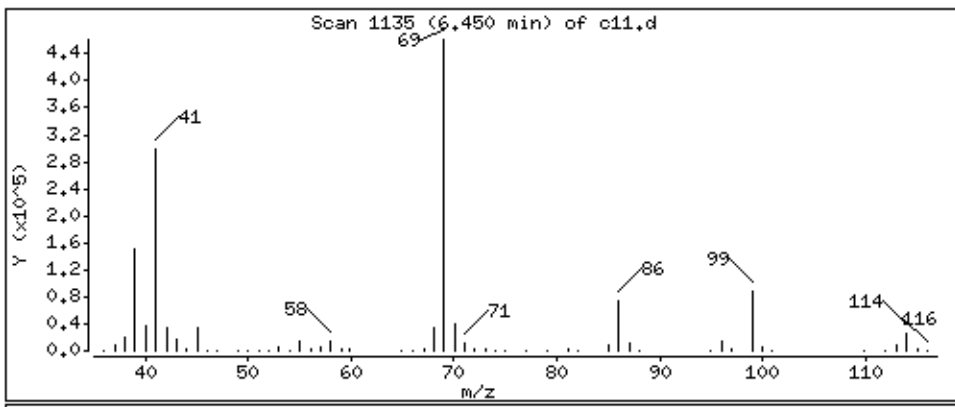
Column phase: DB-624

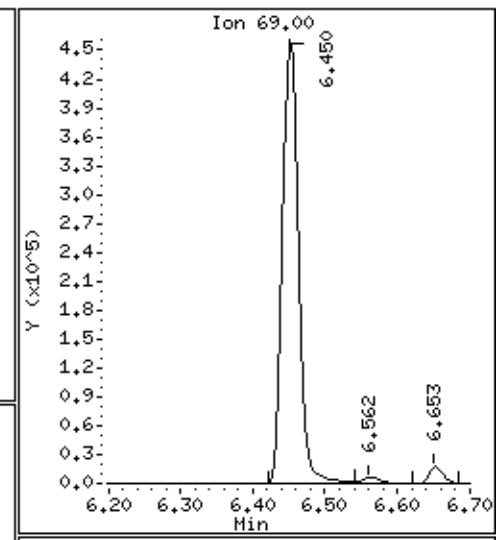
Column diameter: 0.18

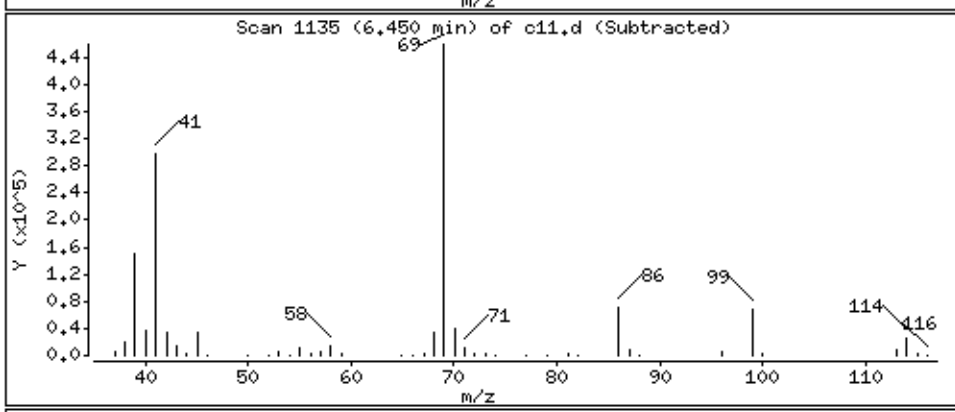
59 Ethyl Methacrylate

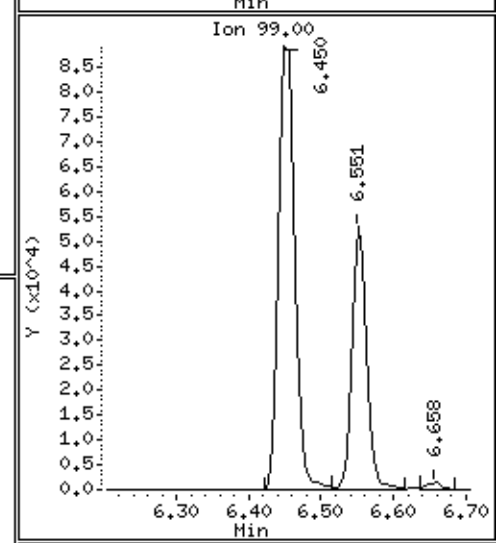
Concentration: 167 ppb

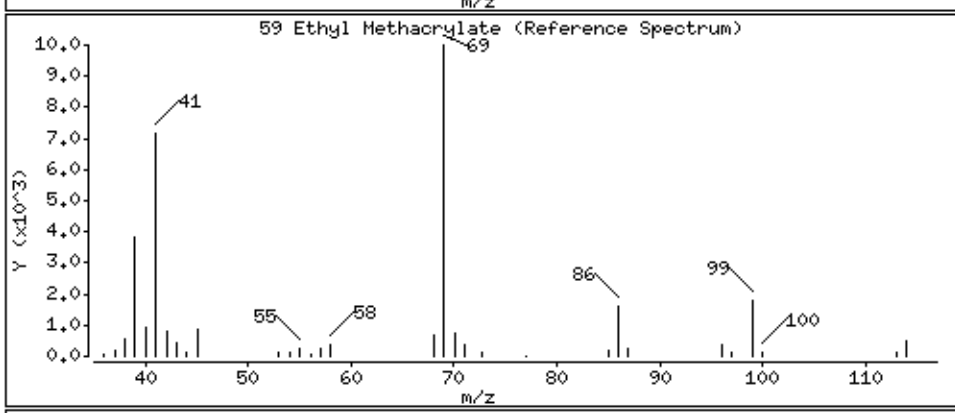
Review Code:

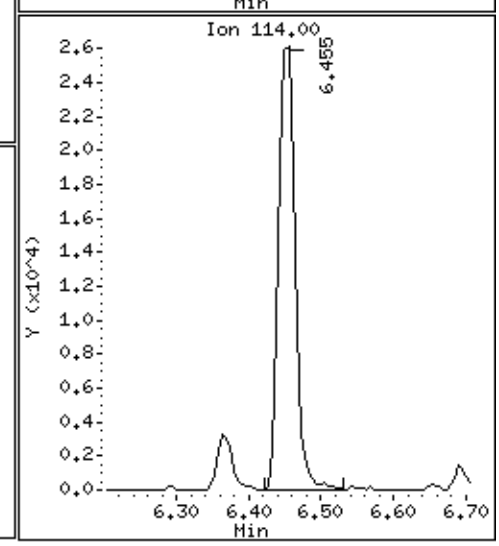


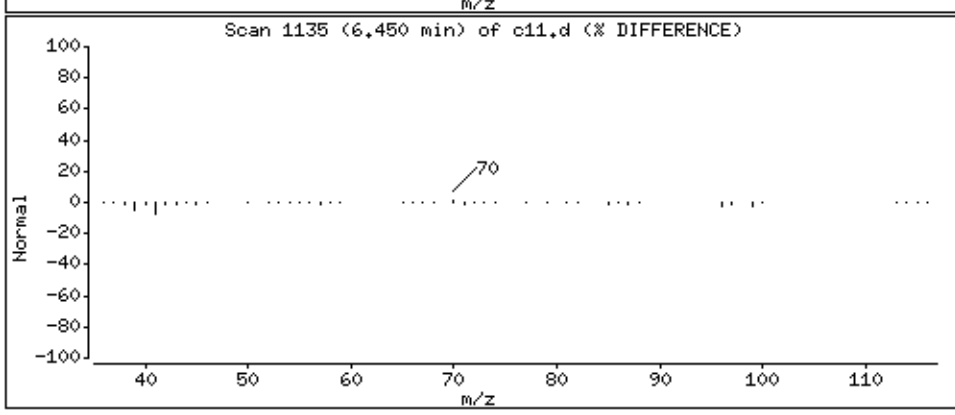












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

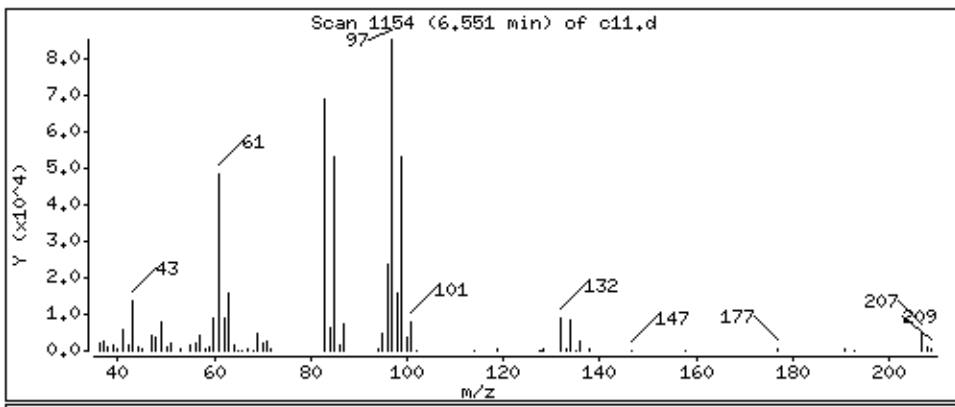
Column phase: DB-624

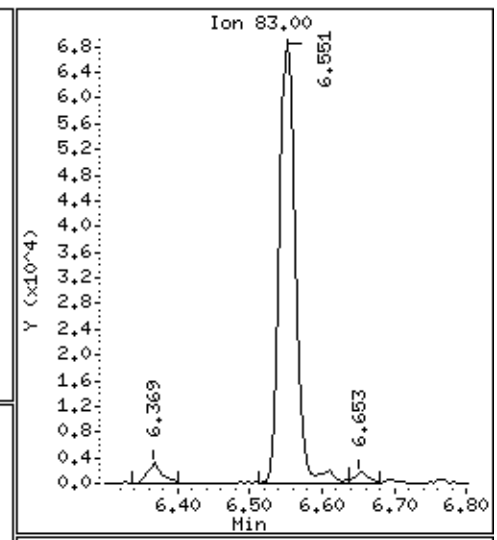
Column diameter: 0.18

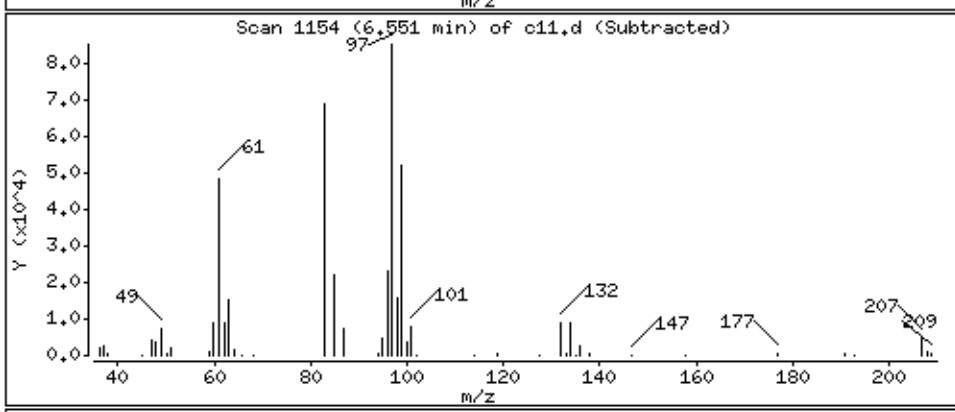
60 1,1,2-Trichloroethane

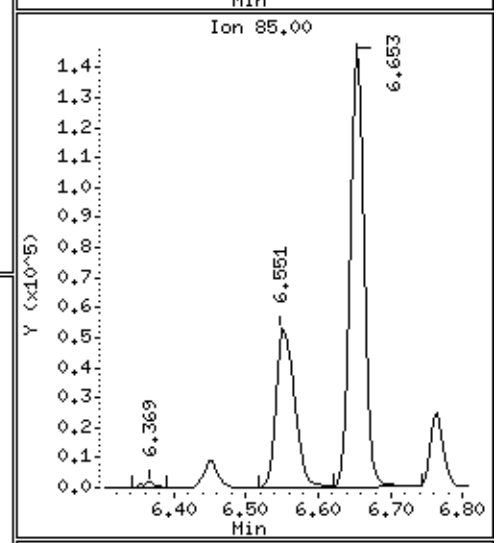
Concentration: 41.8 ppb

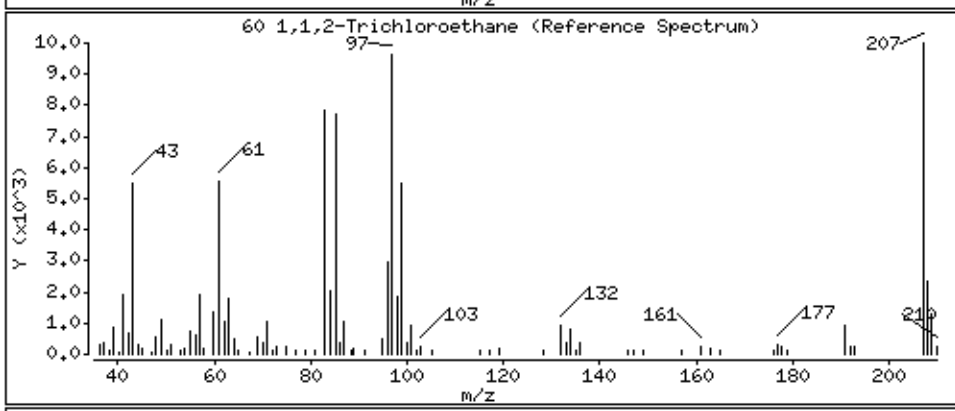
Review Code:

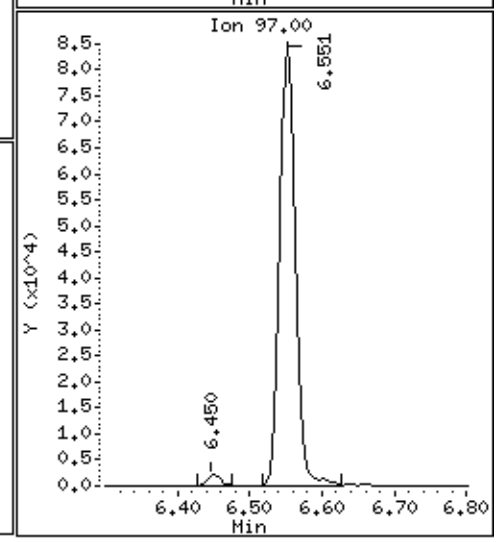


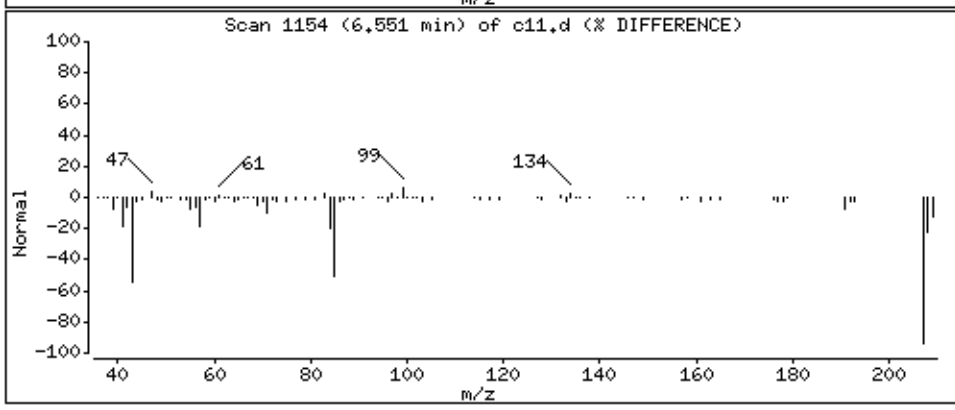












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

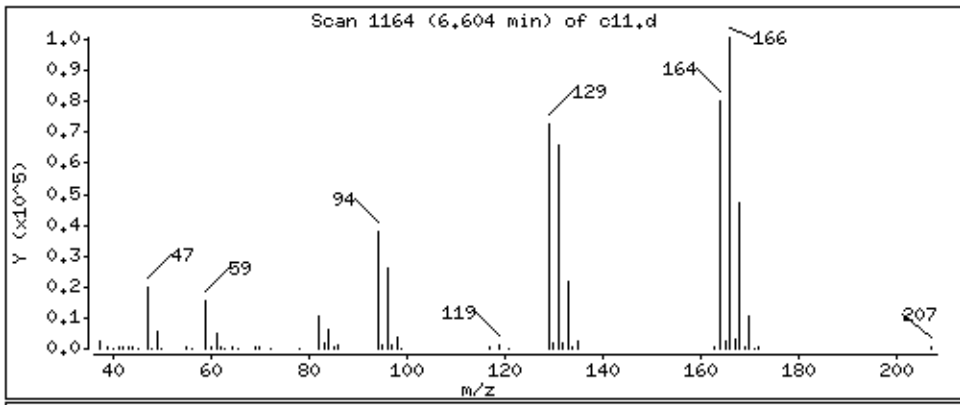
Column phase: DB-624

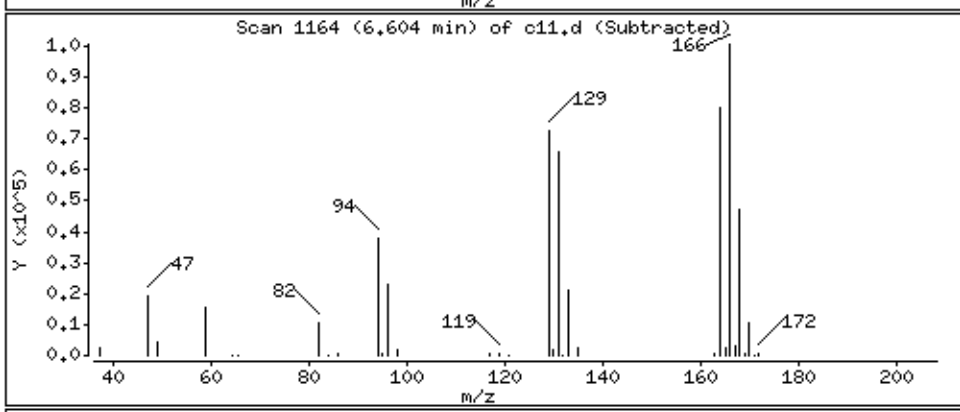
Column diameter: 0.18

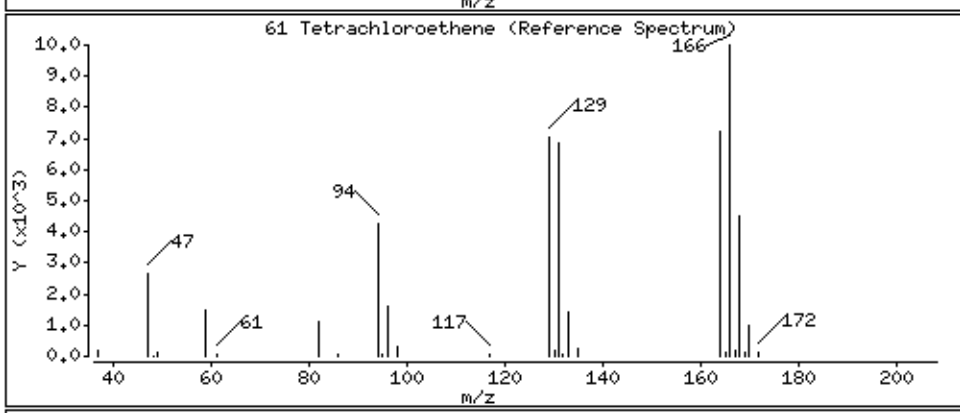
61 Tetrachloroethene

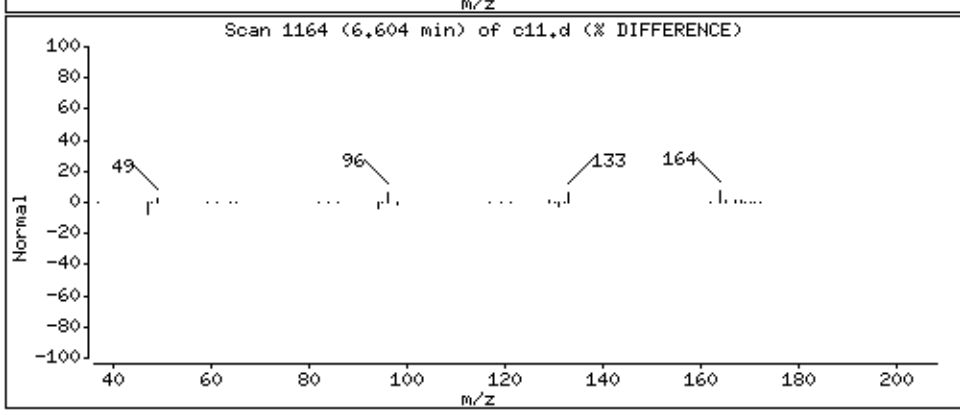
Concentration: 29.5 ppb

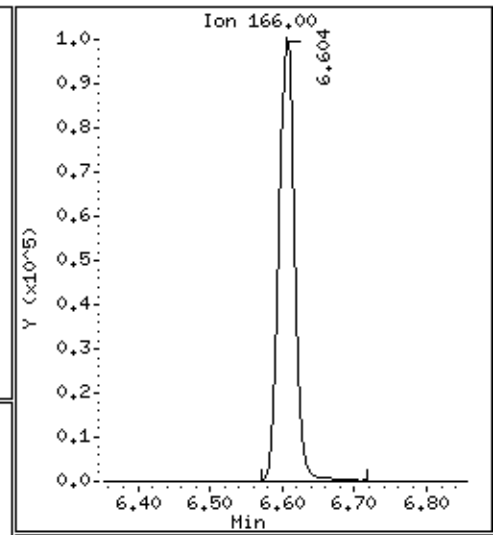
Review Code:

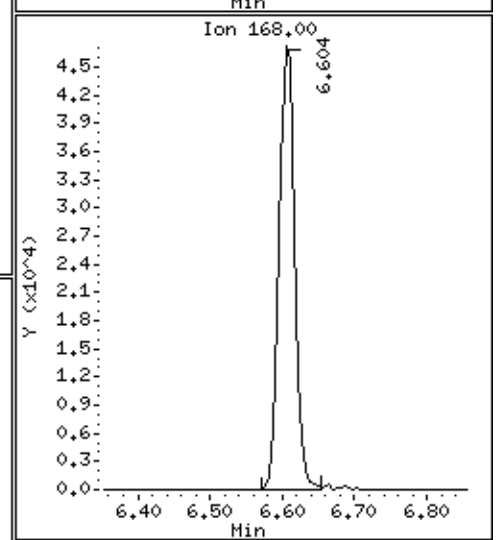


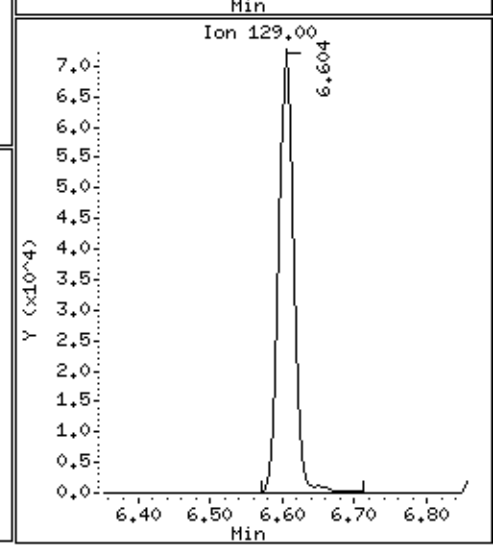












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

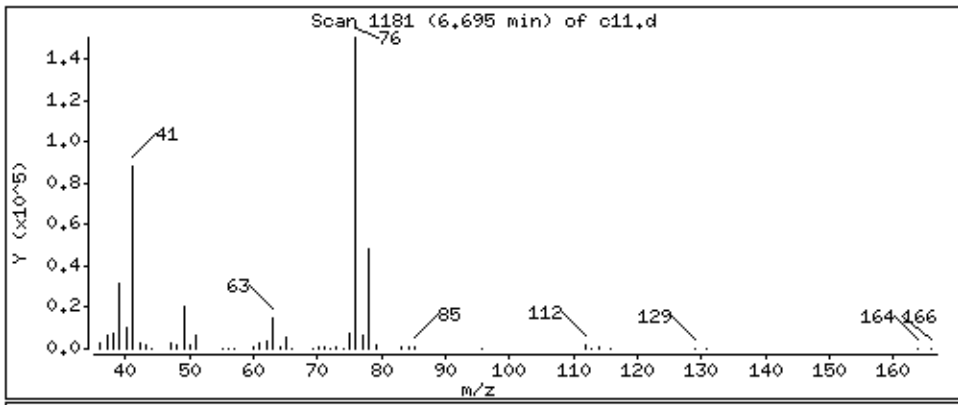
Column phase: DB-624

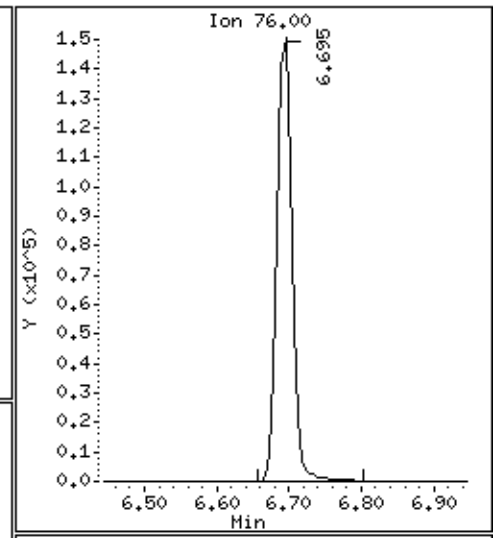
Column diameter: 0.18

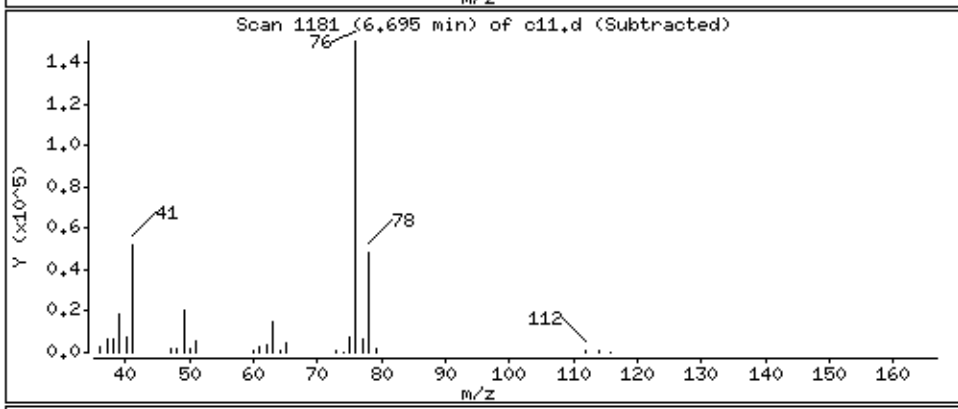
62 1,3-Dichloropropane

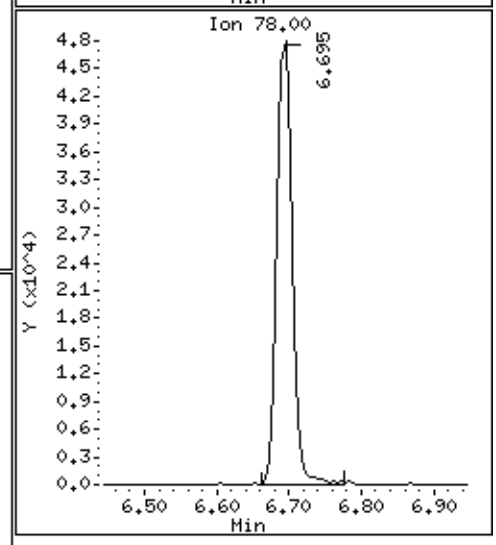
Concentration: 43.3 ppb

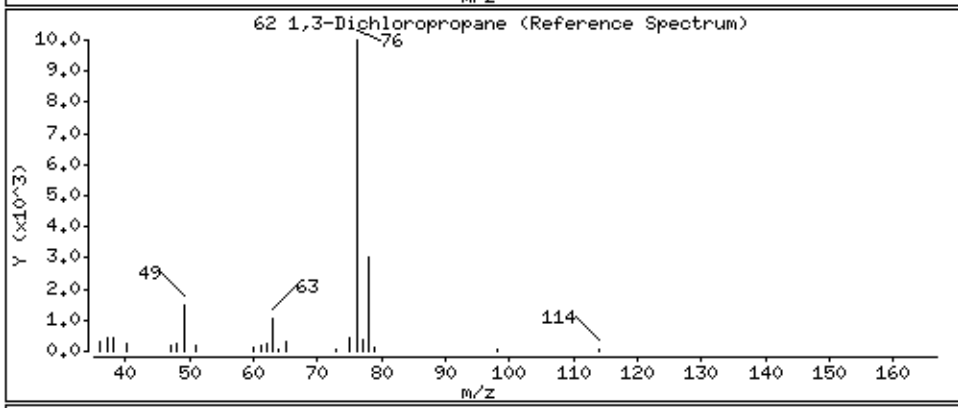
Review Code:

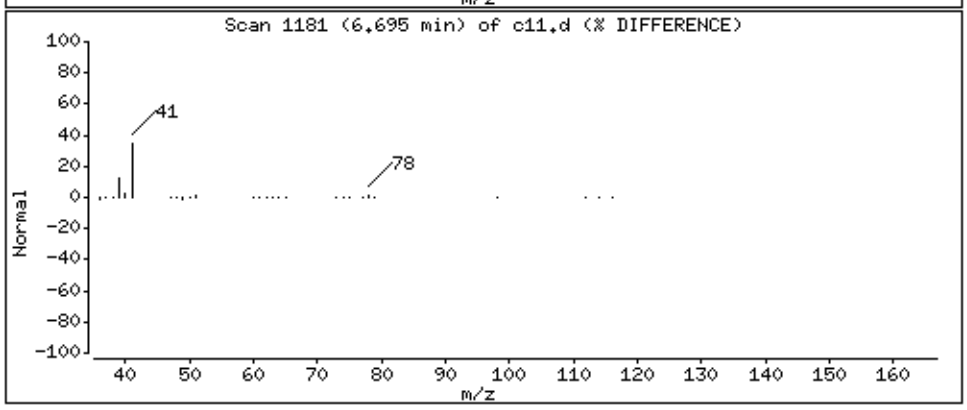












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

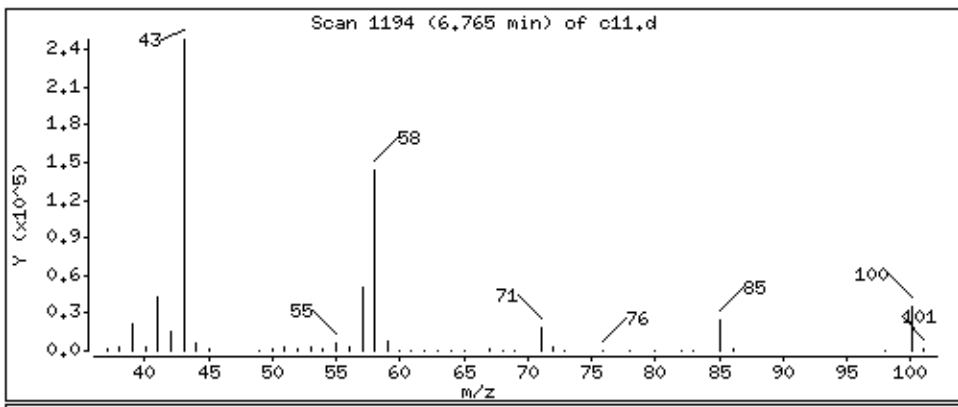
Column phase: DB-624

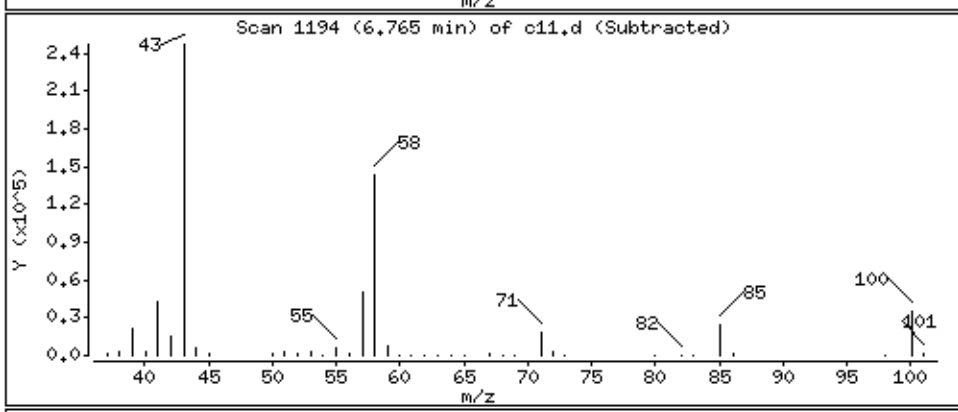
Column diameter: 0.18

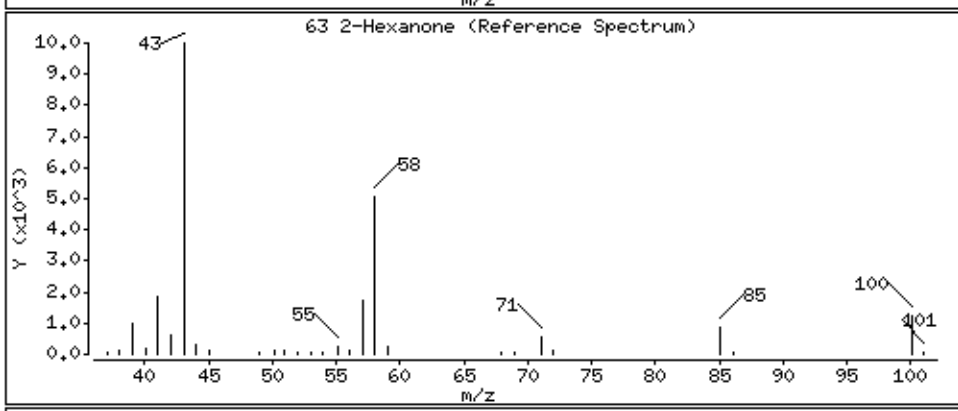
63 2-Hexanone

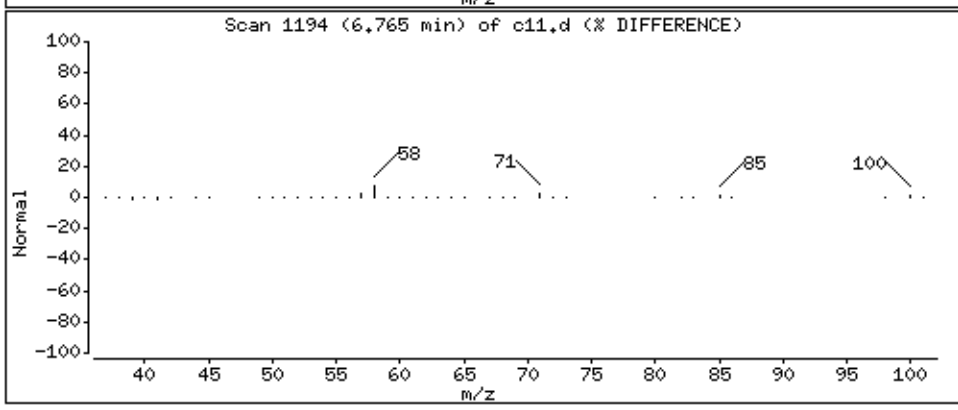
Concentration: 221 ppb

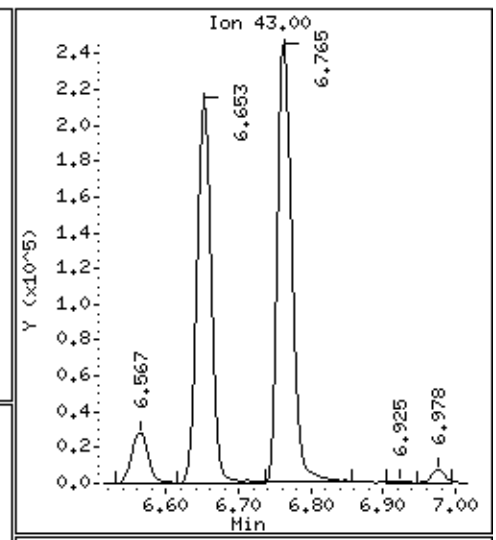
Review Code:

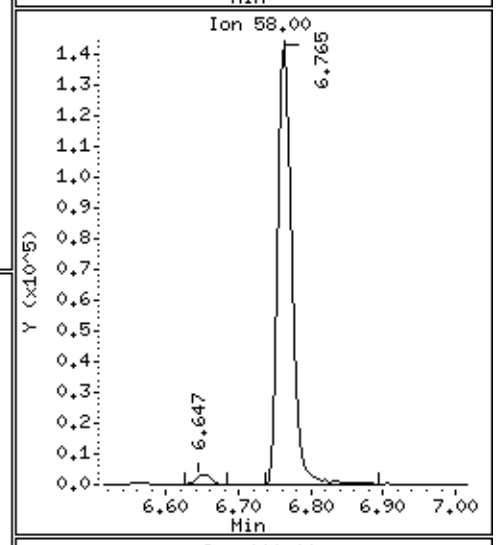


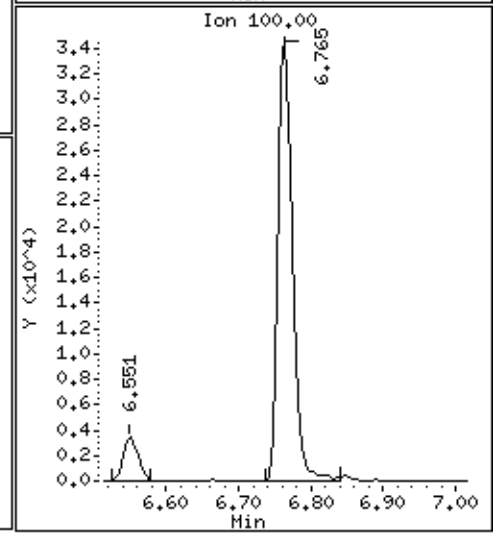












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

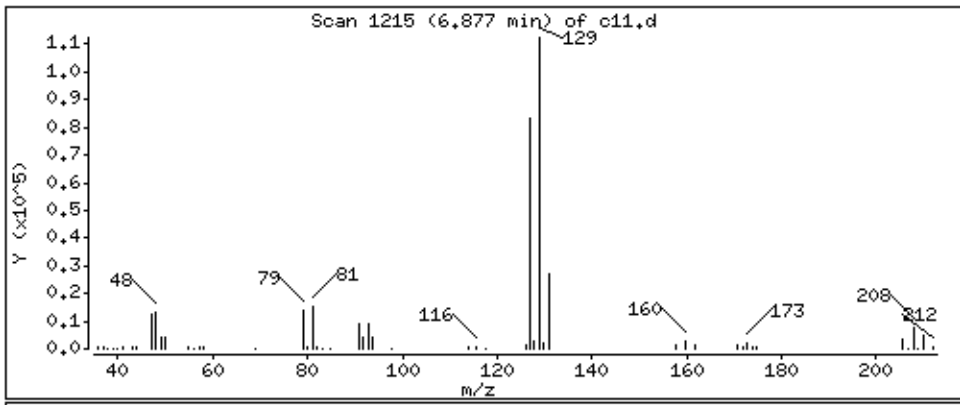
Column phase: DB-624

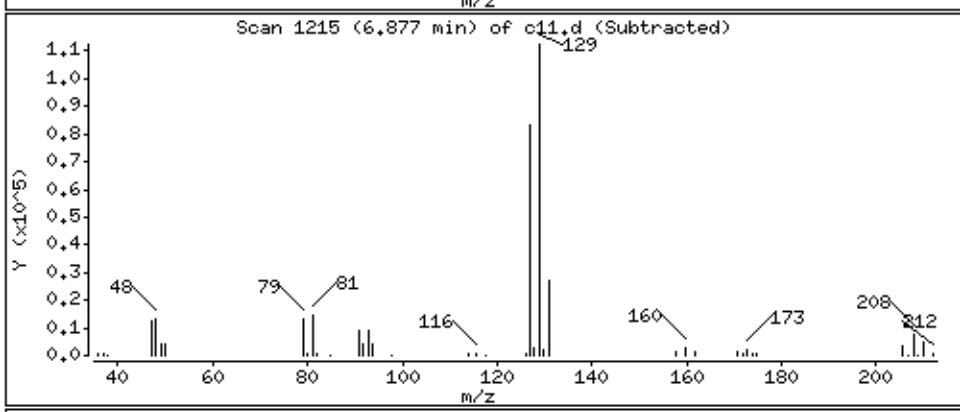
Column diameter: 0.18

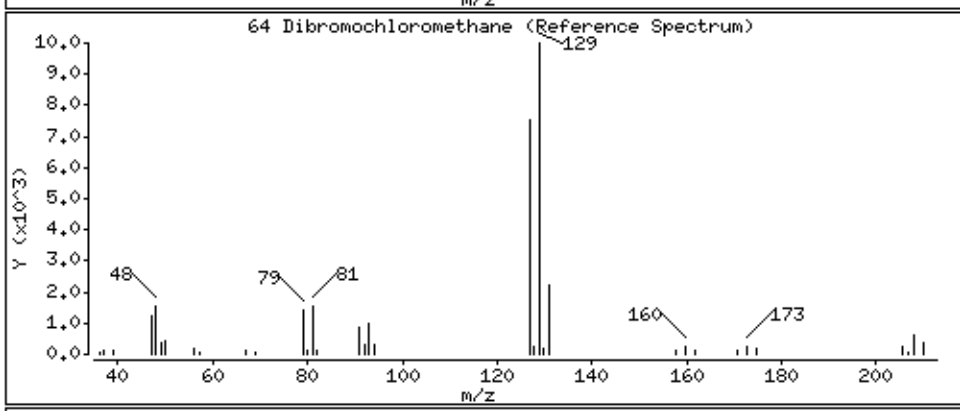
64 Dibromochloromethane

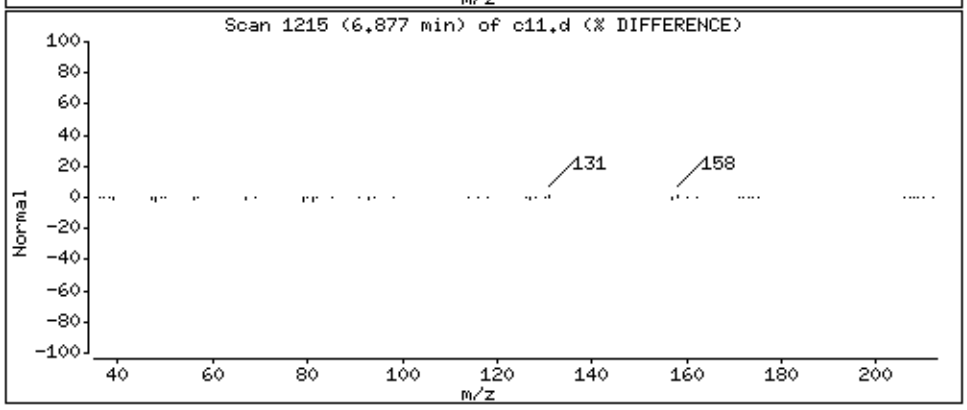
Concentration: 42.7 ppb

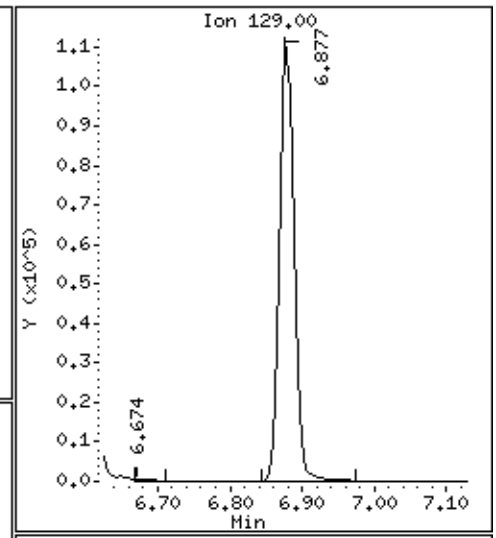
Review Code:

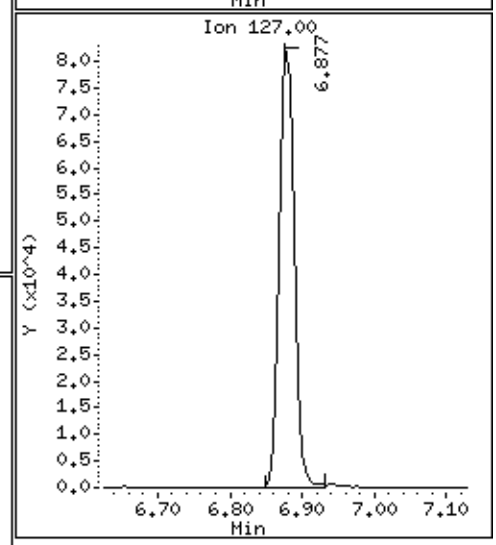












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

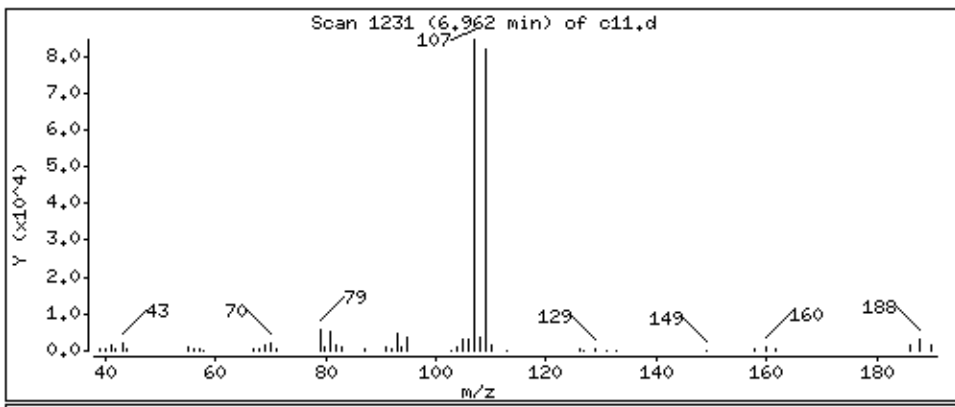
Column phase: DB-624

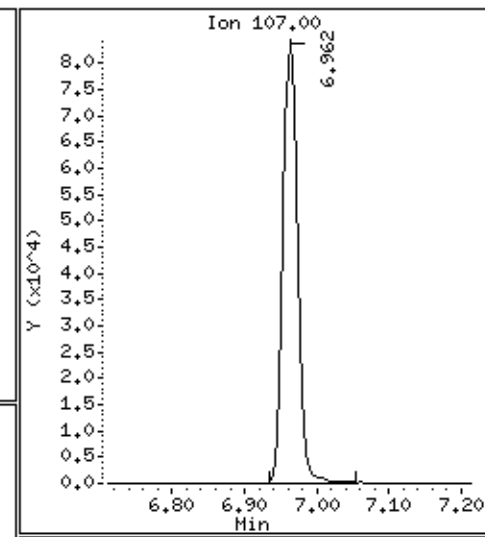
Column diameter: 0.18

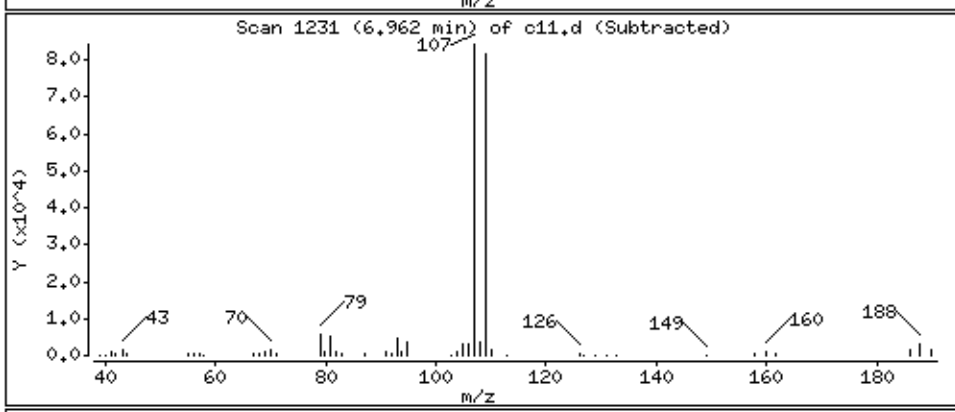
65 1,2-Dibromoethane

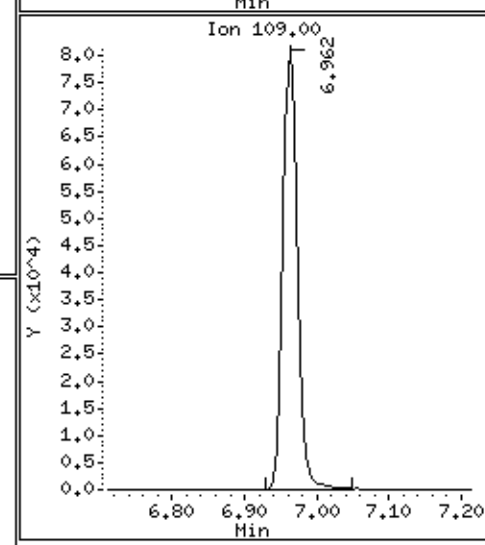
Concentration: 43.5 ppb

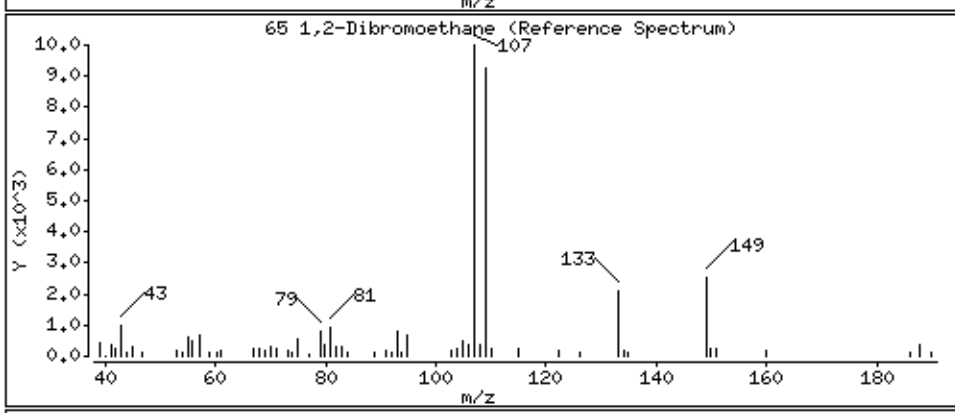
Review Code:

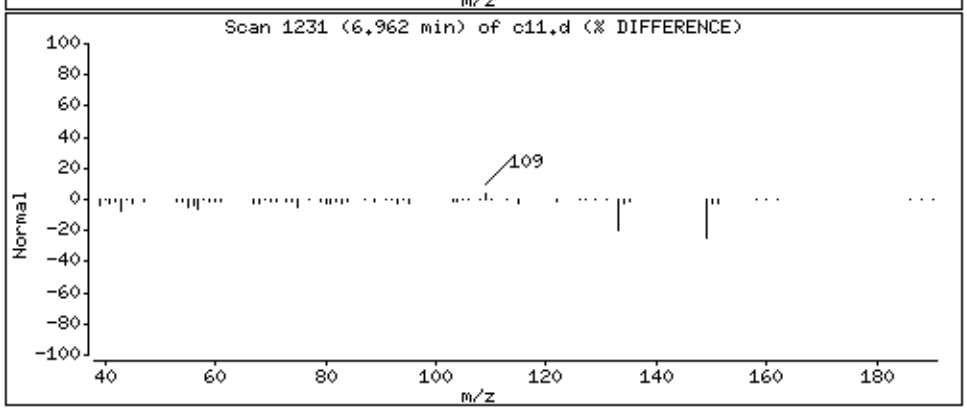












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

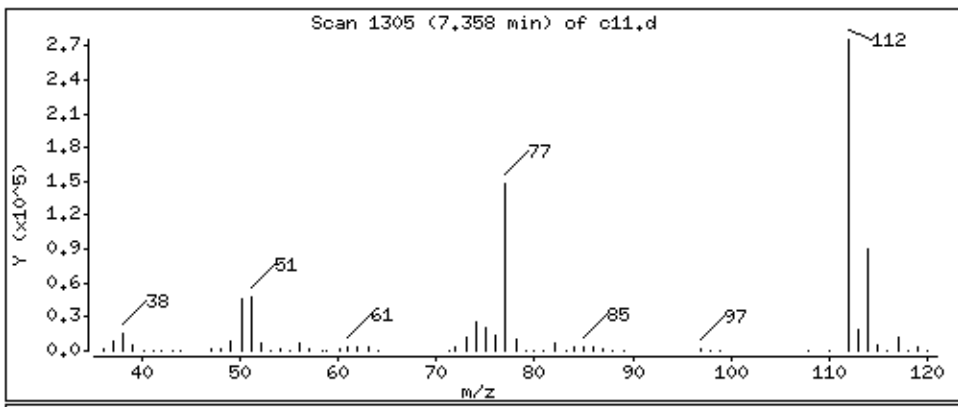
Column phase: DB-624

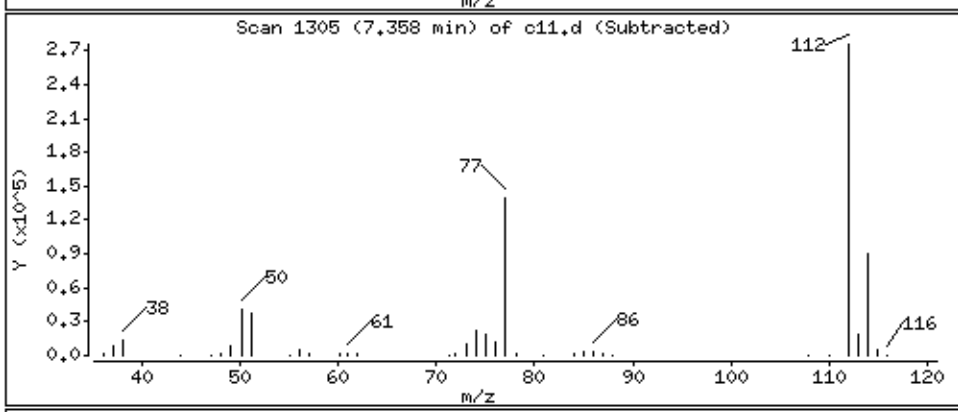
Column diameter: 0.18

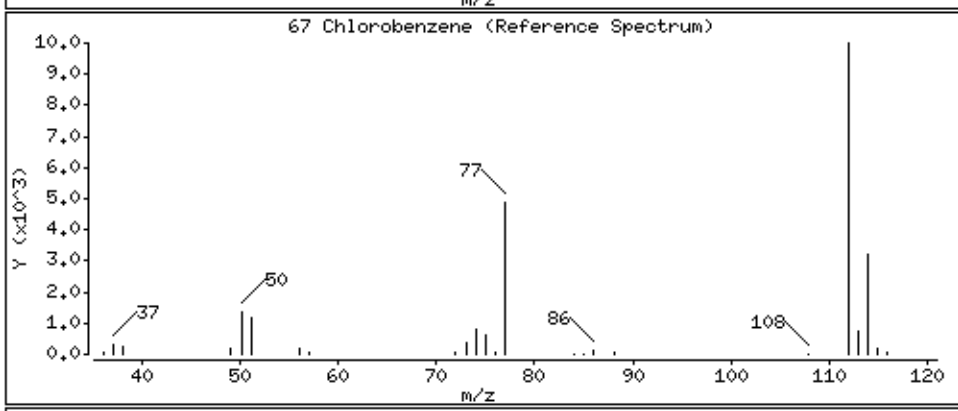
67 Chlorobenzene

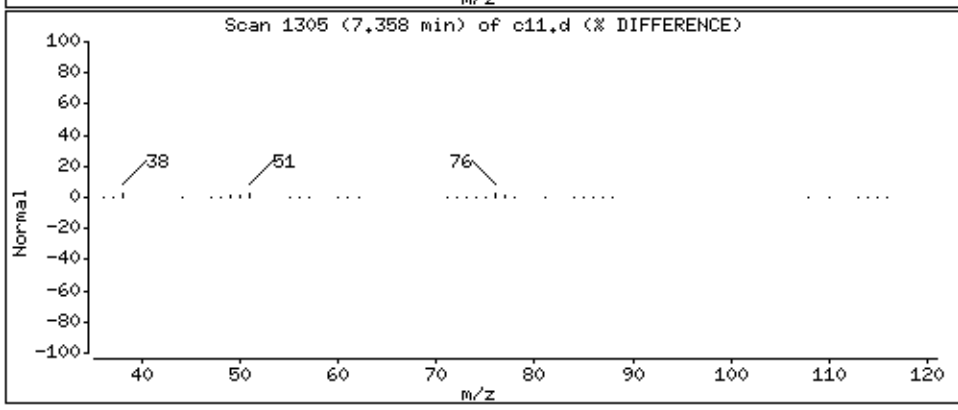
Concentration: 32.4 ppb

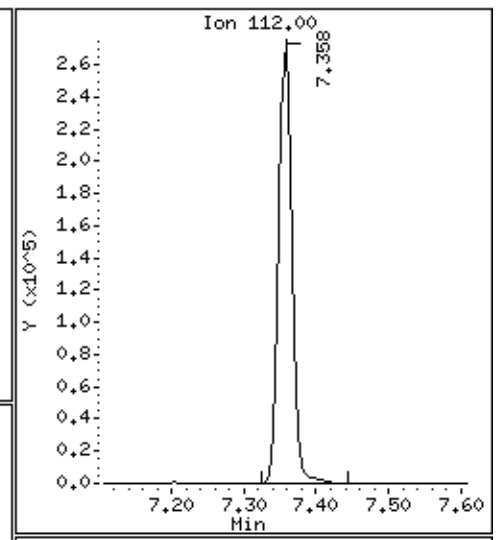
Review Code:

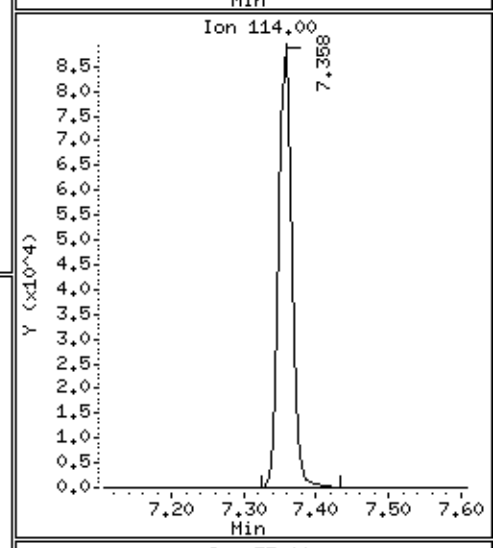


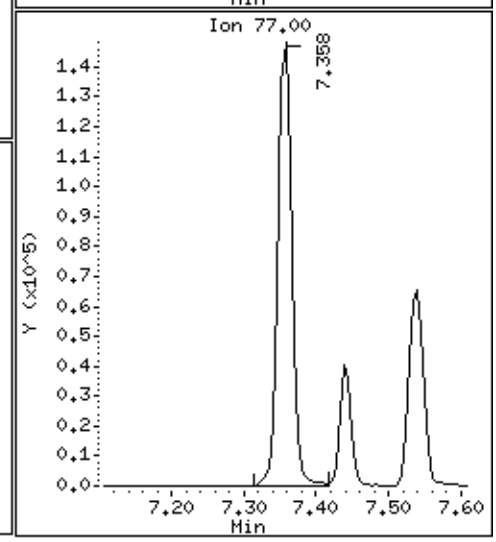












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

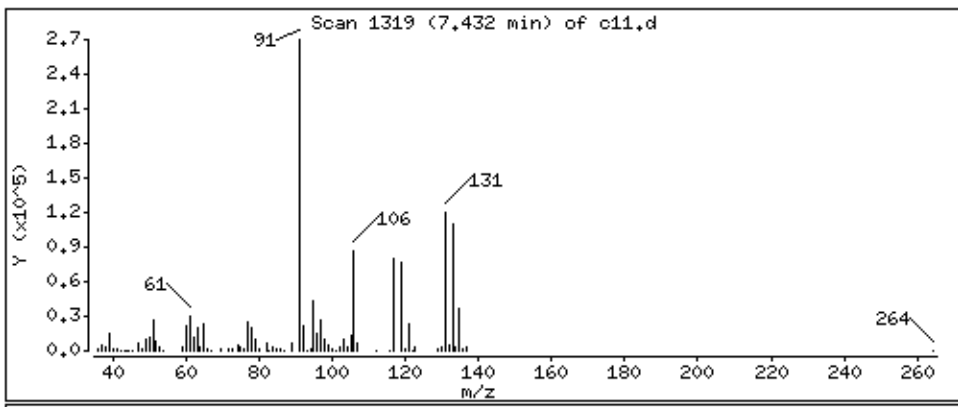
Column phase: DB-624

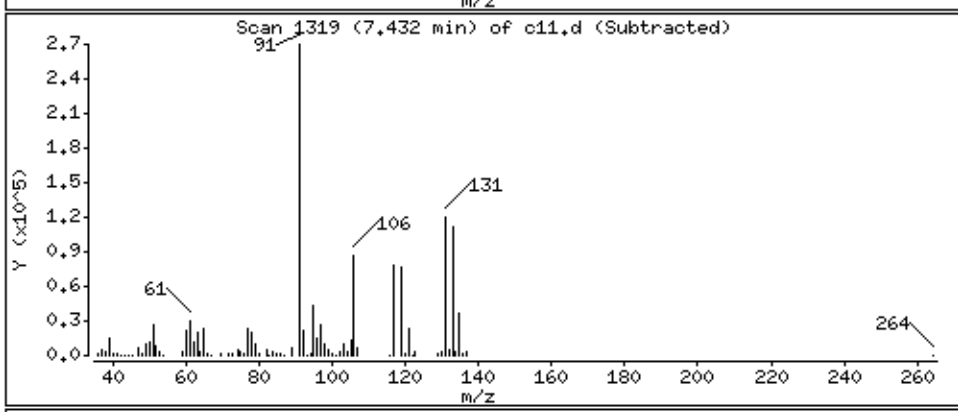
Column diameter: 0.18

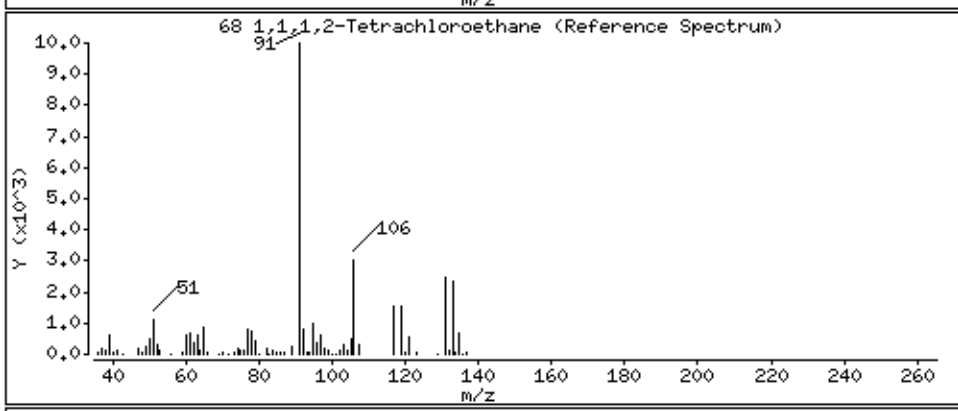
68 1,1,1,2-Tetrachloroethane

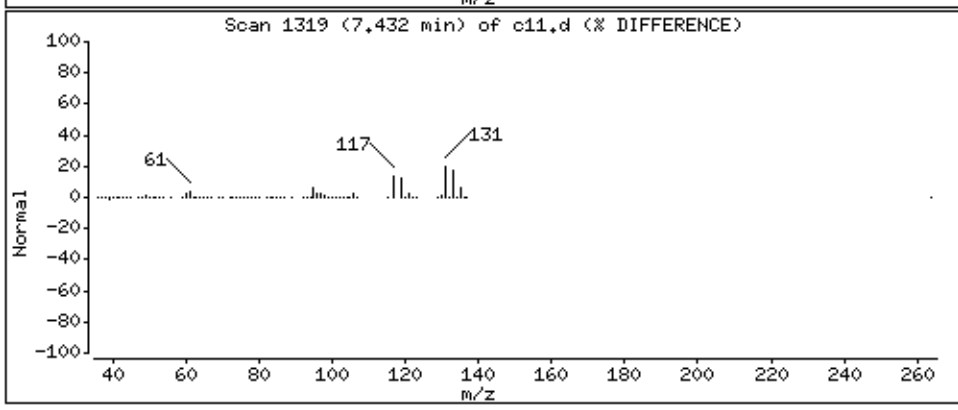
Concentration: 37.7 ppb

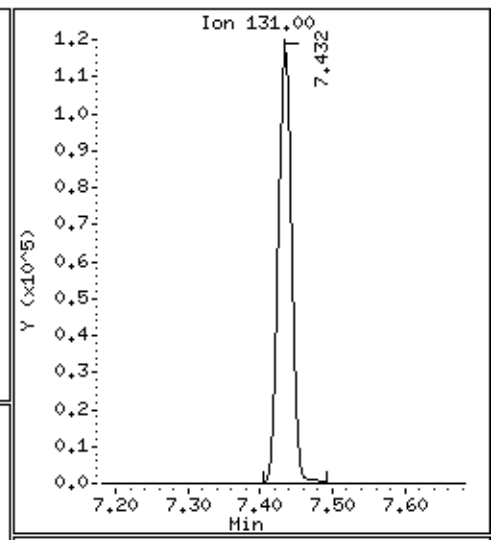
Review Code:

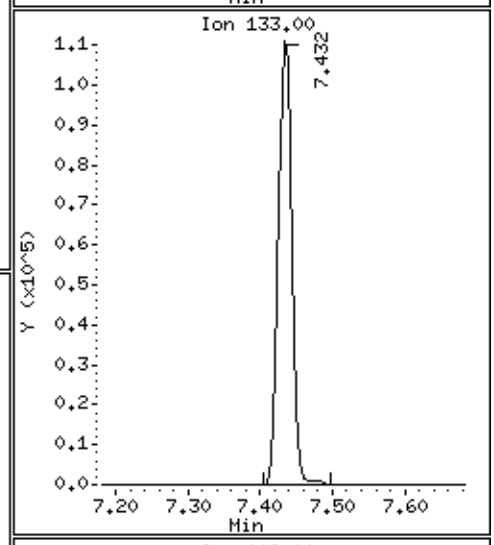


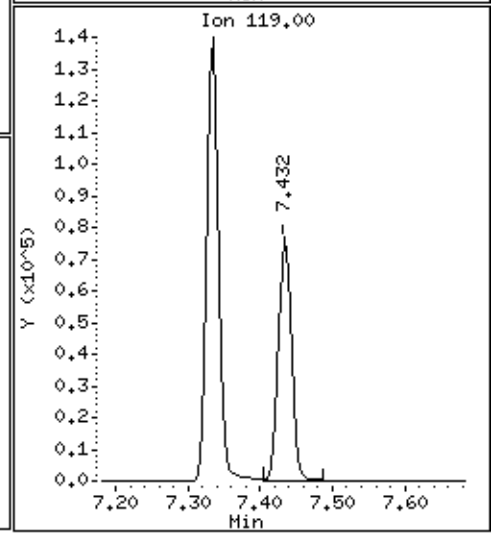












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

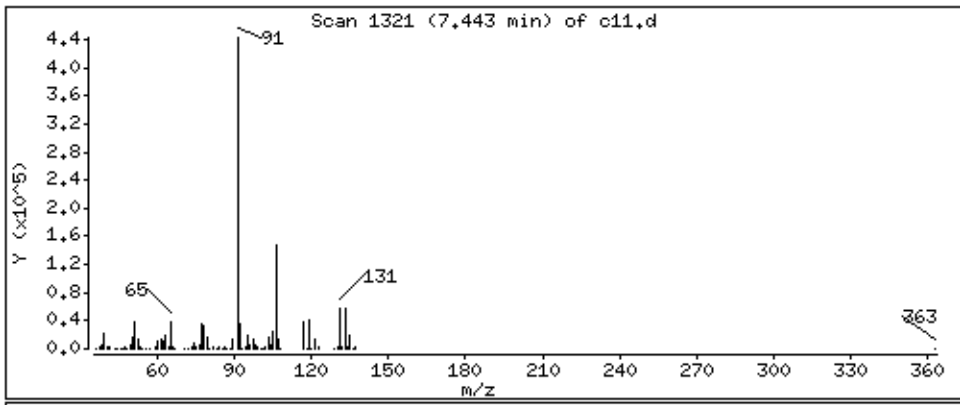
Column phase: DB-624

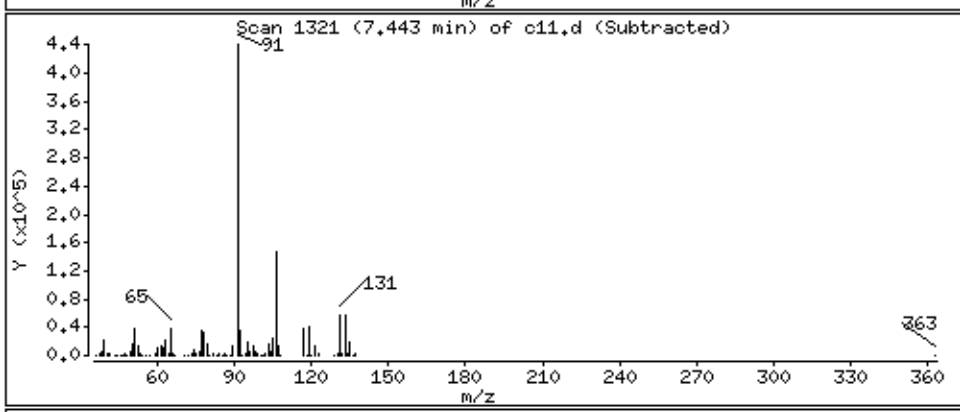
Column diameter: 0.18

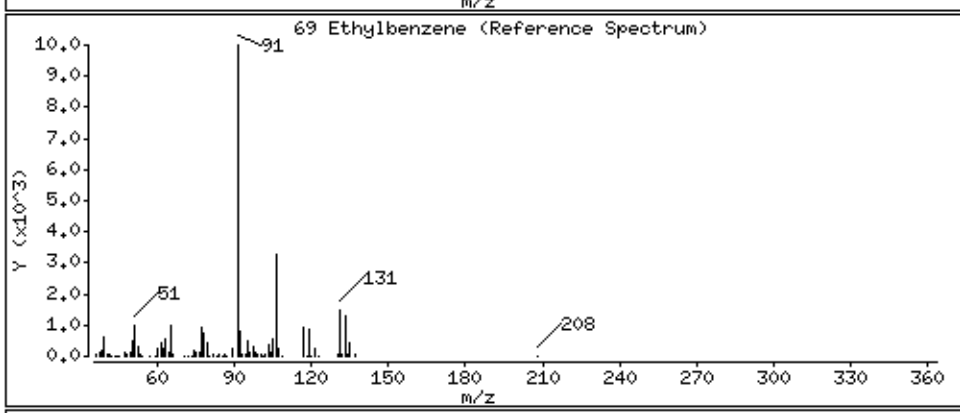
69 Ethylbenzene

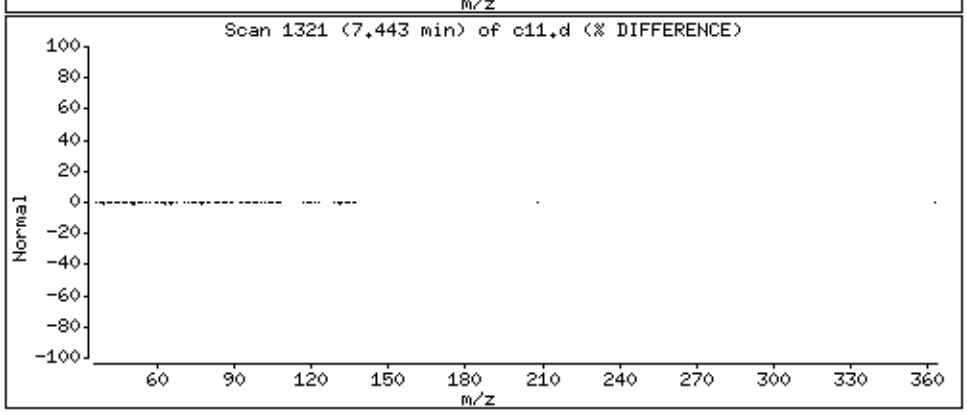
Concentration: 27.0 ppb

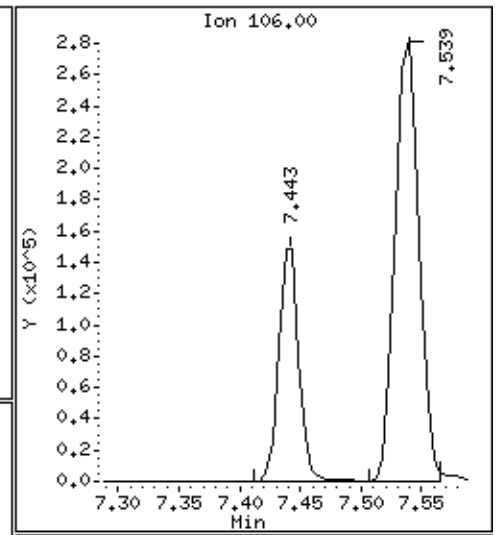
Review Code:

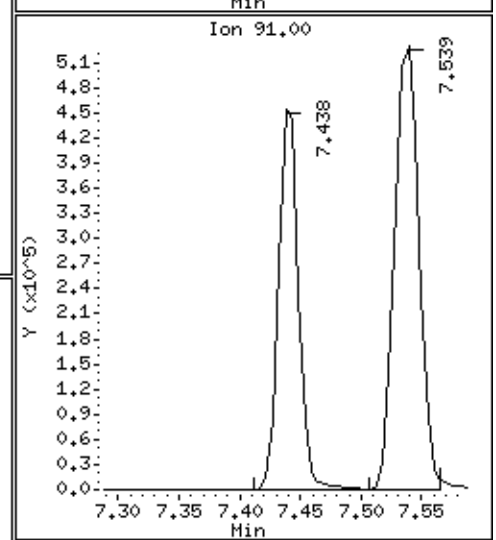












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

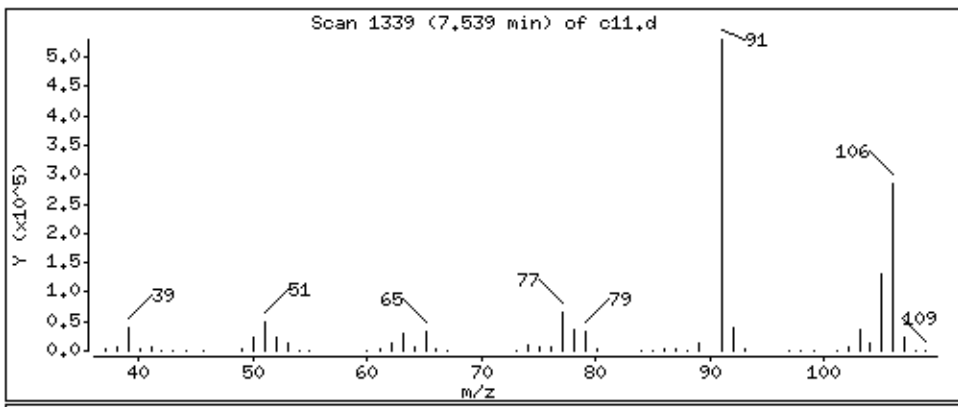
Column phase: DB-624

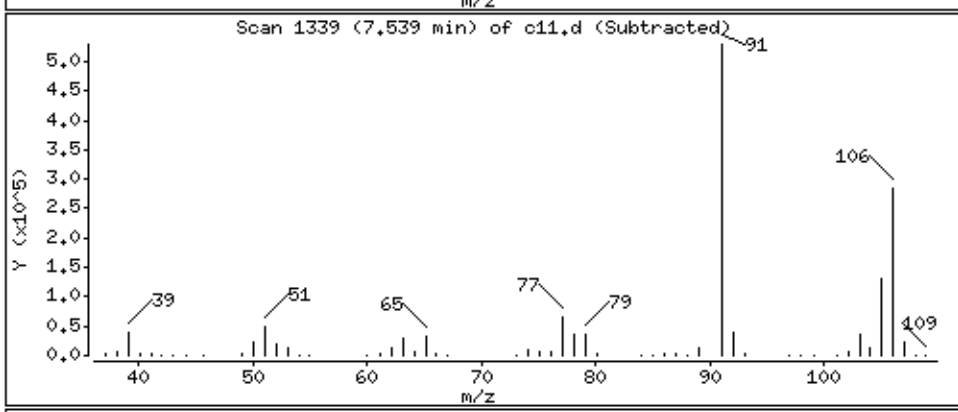
Column diameter: 0.18

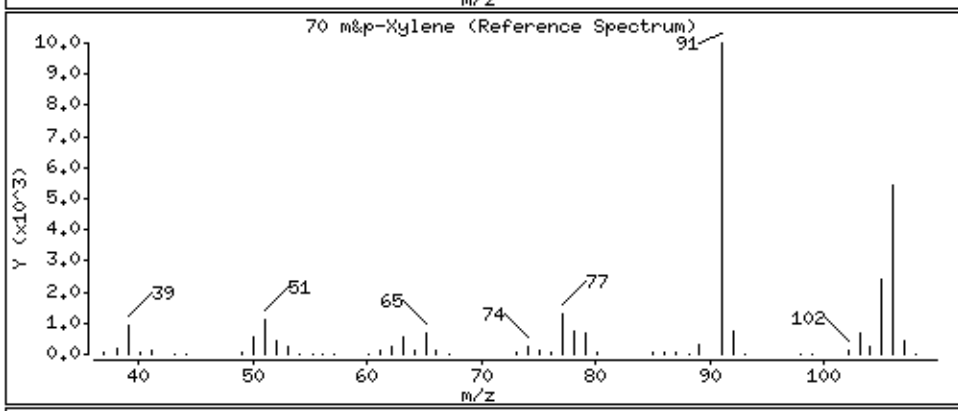
70 m&p-Xylene

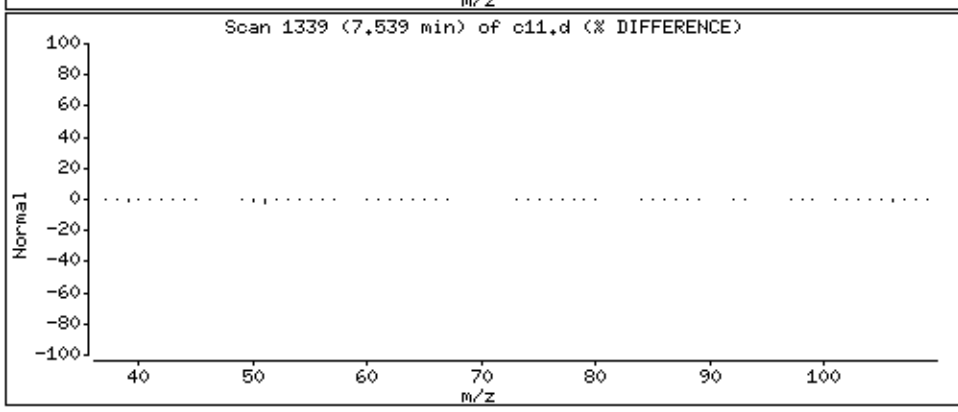
Concentration: 53.1 ppb

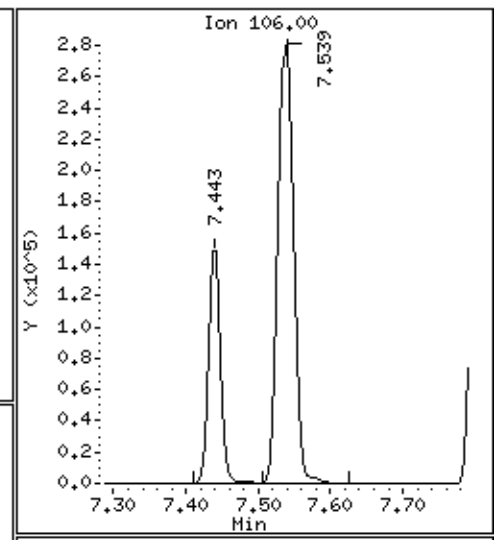
Review Code:

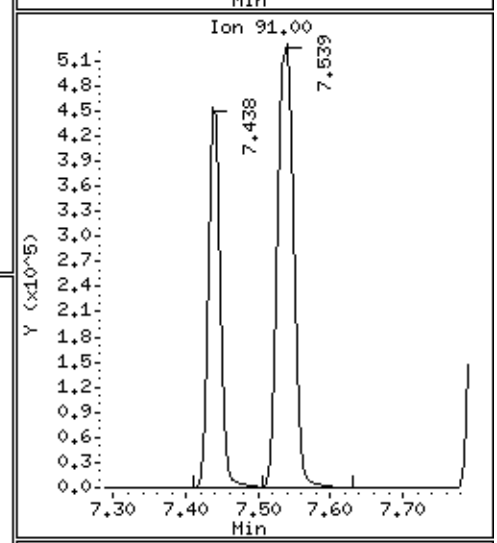


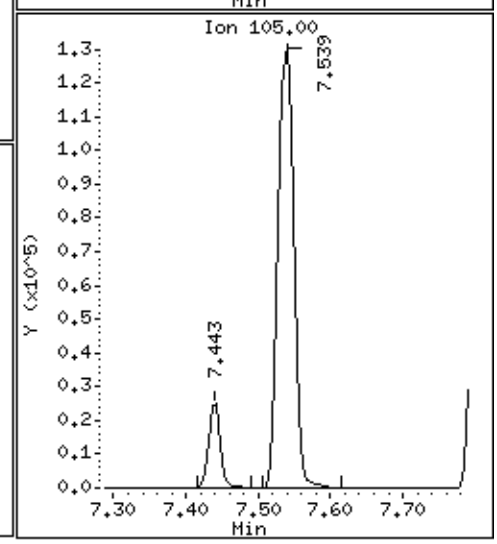












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

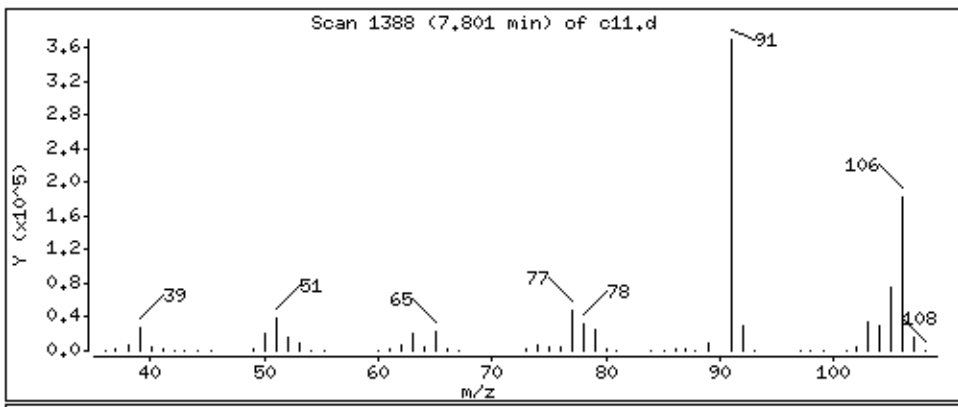
Column phase: DB-624

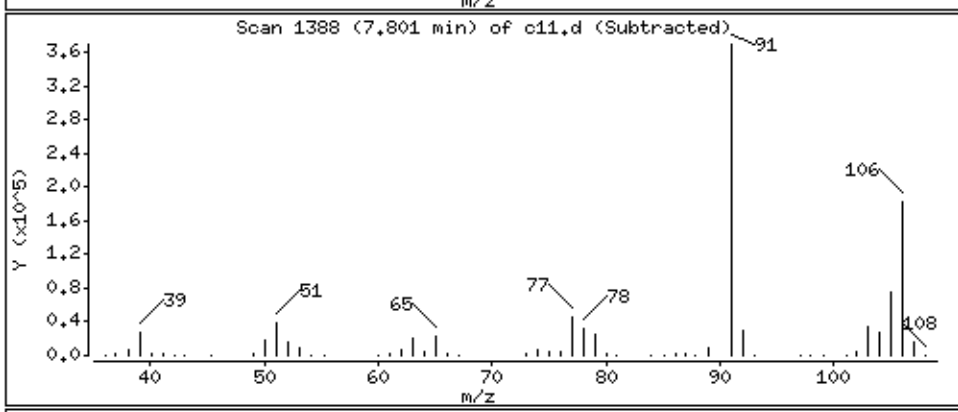
Column diameter: 0.18

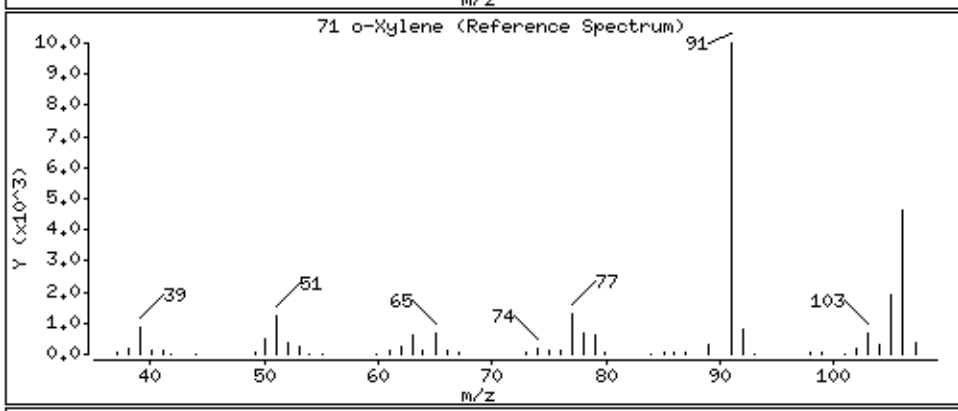
71 o-Xylene

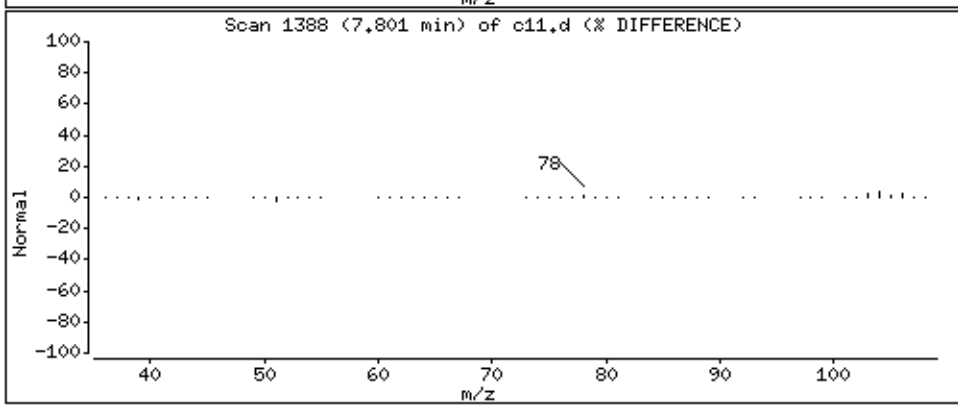
Concentration: 29.1 ppb

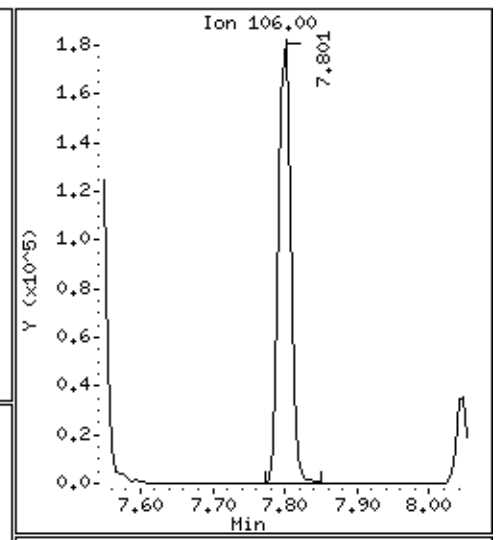
Review Code:

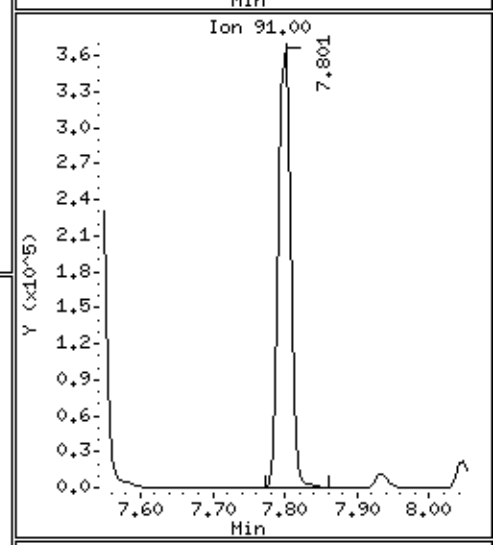


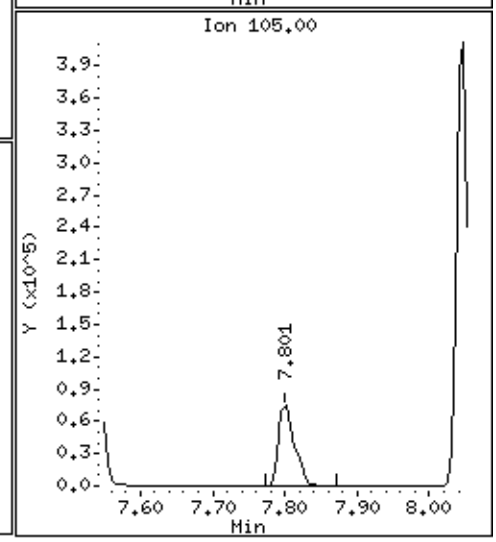












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

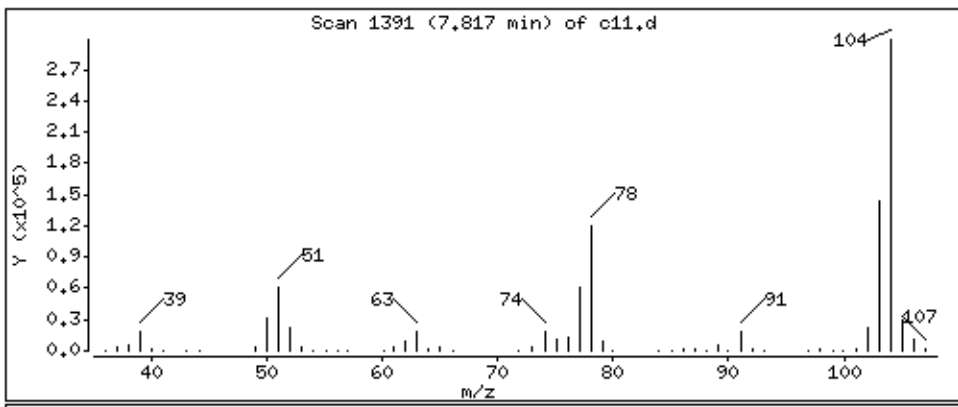
Column phase: DB-624

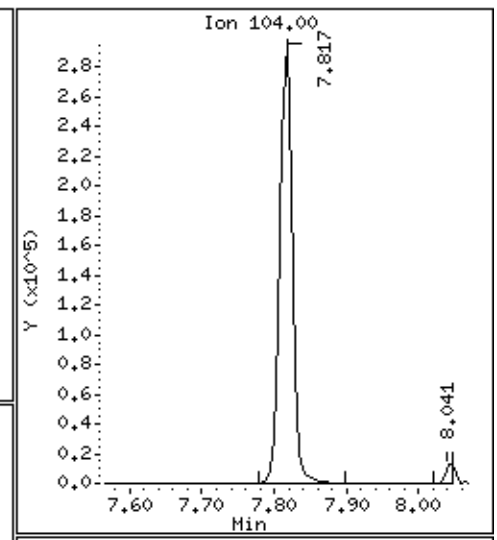
Column diameter: 0.18

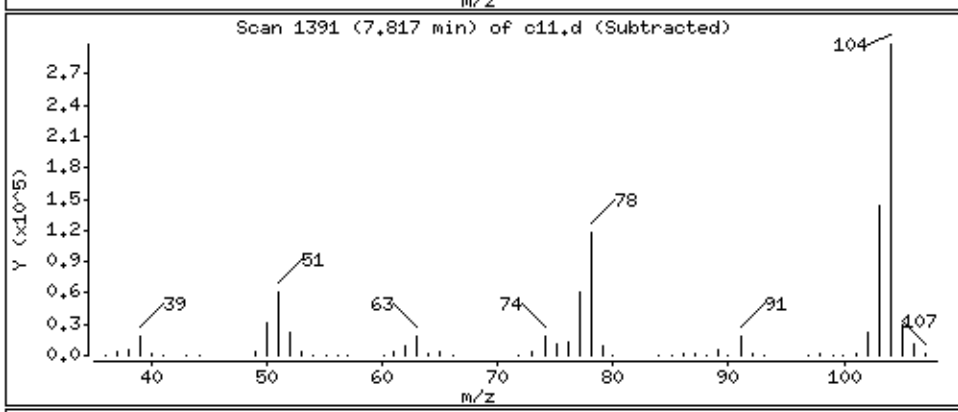
72 Styrene

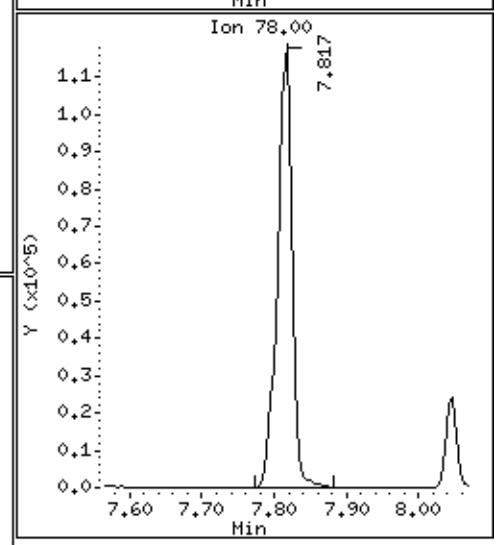
Concentration: 27.4 ppb

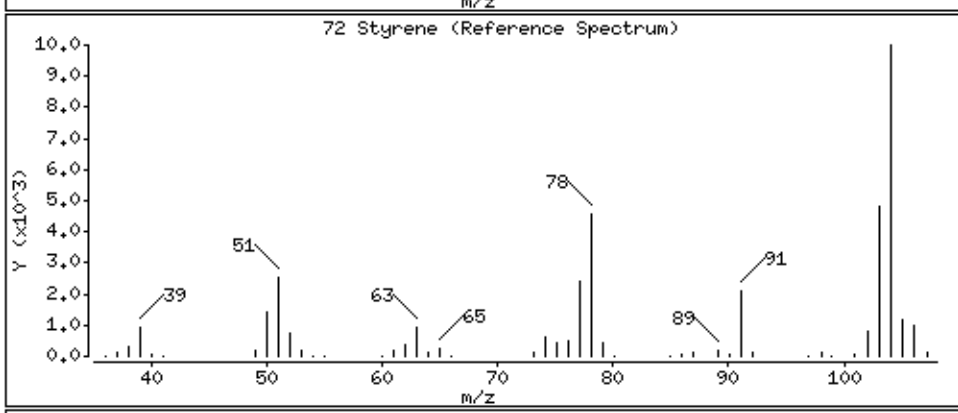
Review Code:

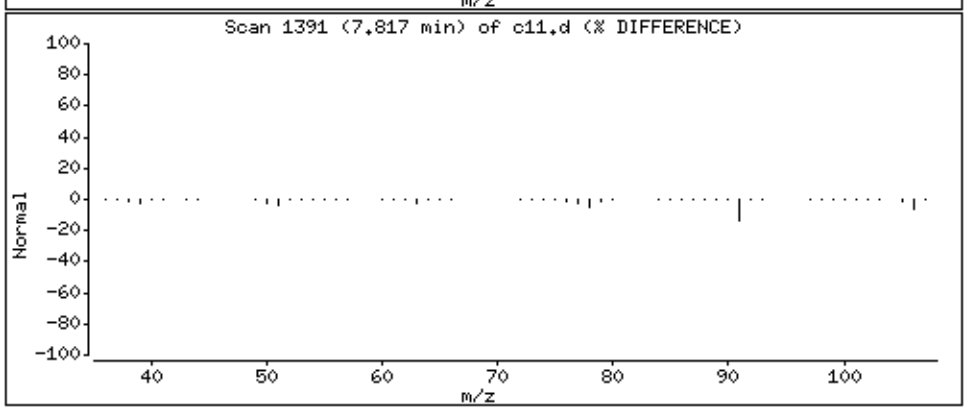












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

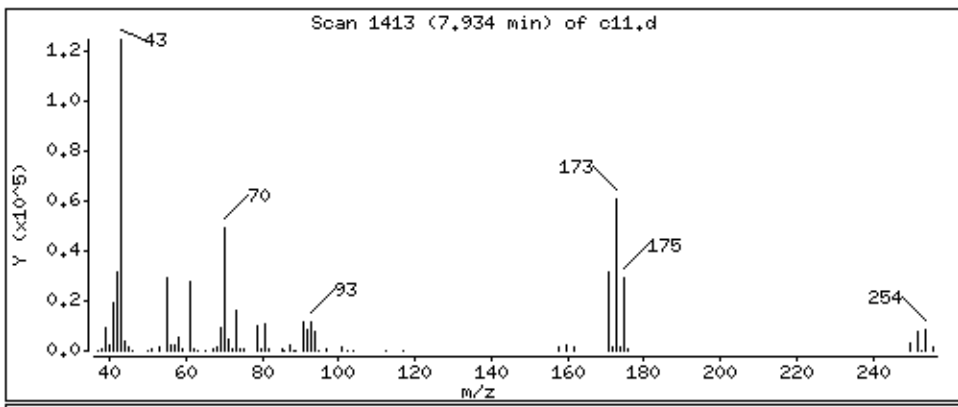
Column phase: DB-624

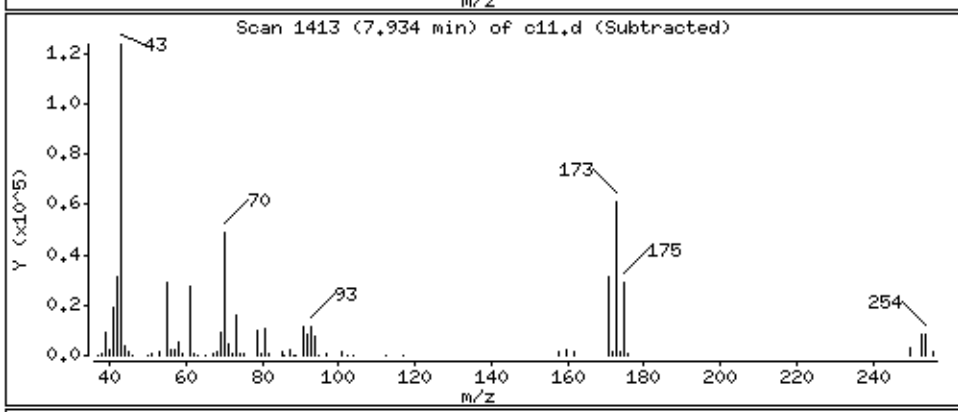
Column diameter: 0.18

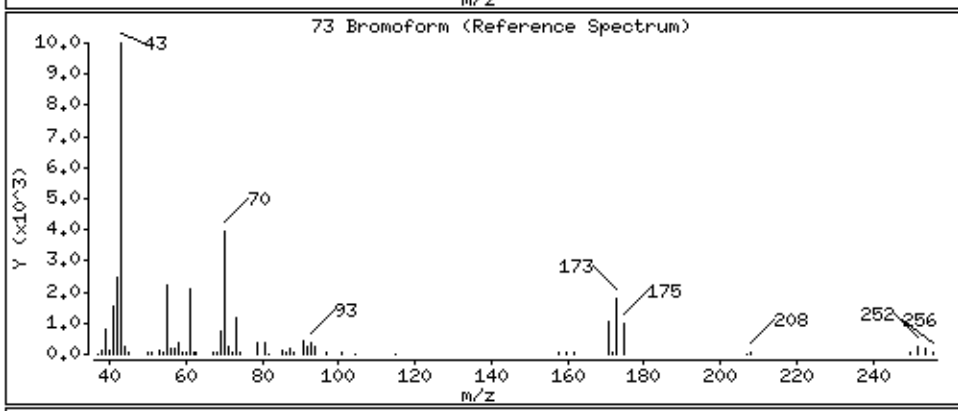
73 Bromoform

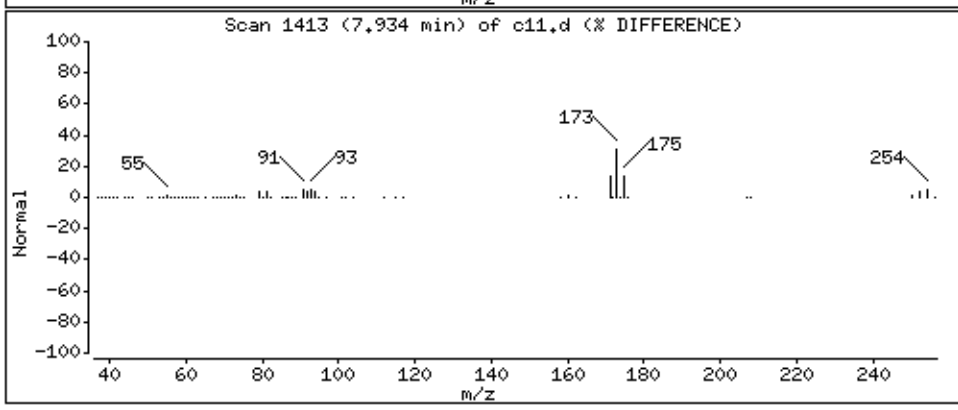
Concentration: 41.8 ppb

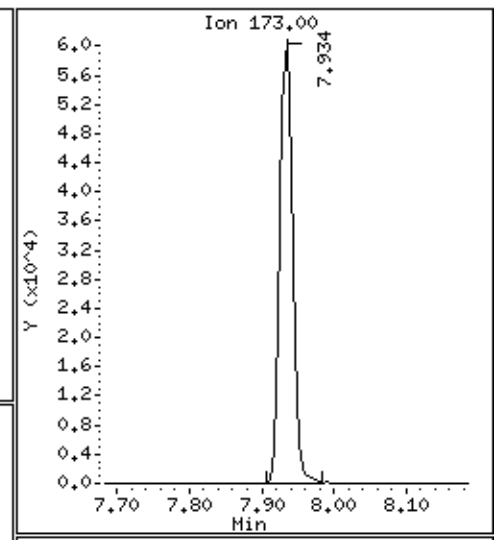
Review Code:

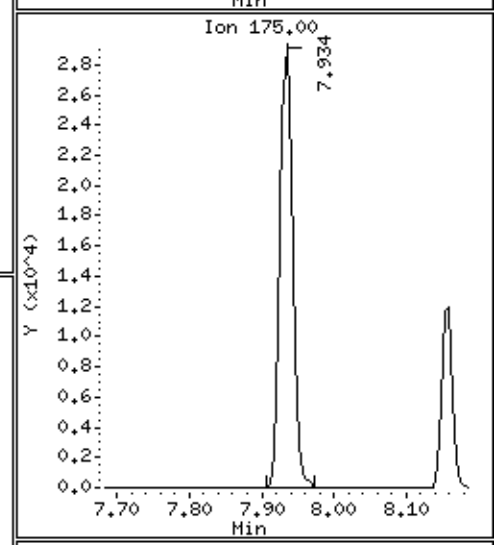


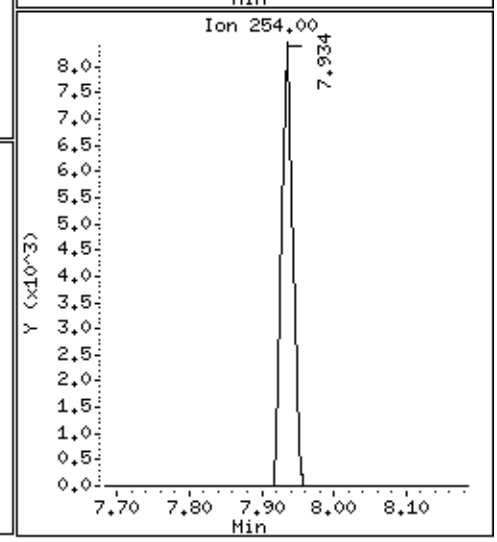












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

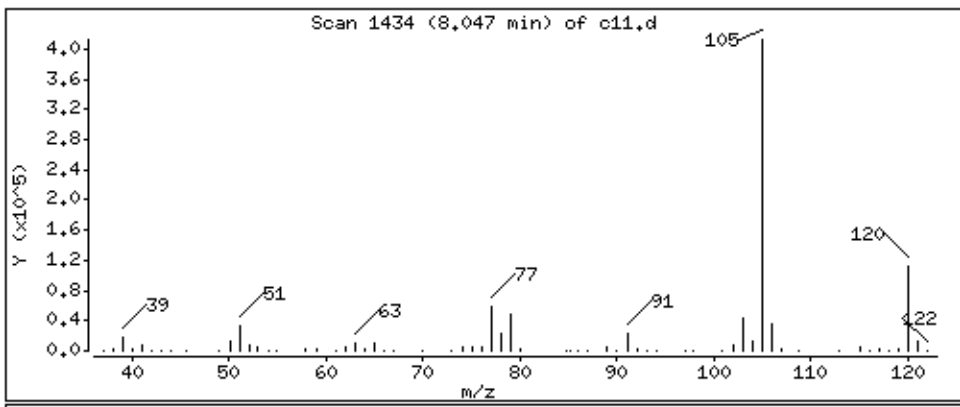
Column phase: DB-624

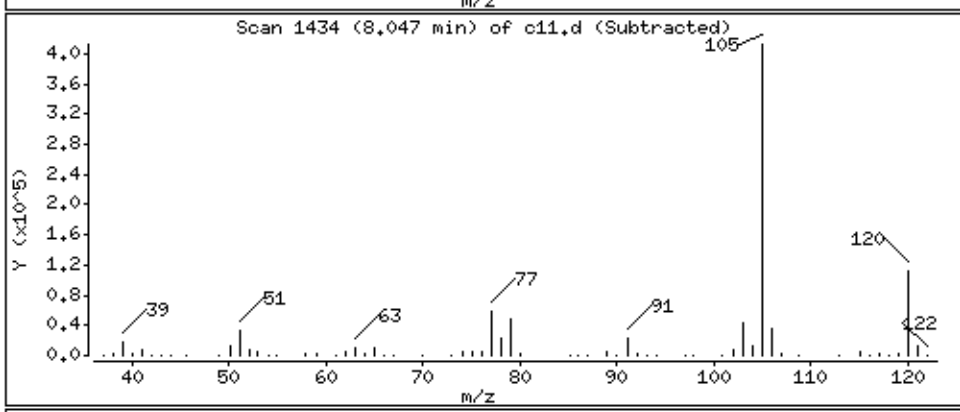
Column diameter: 0.18

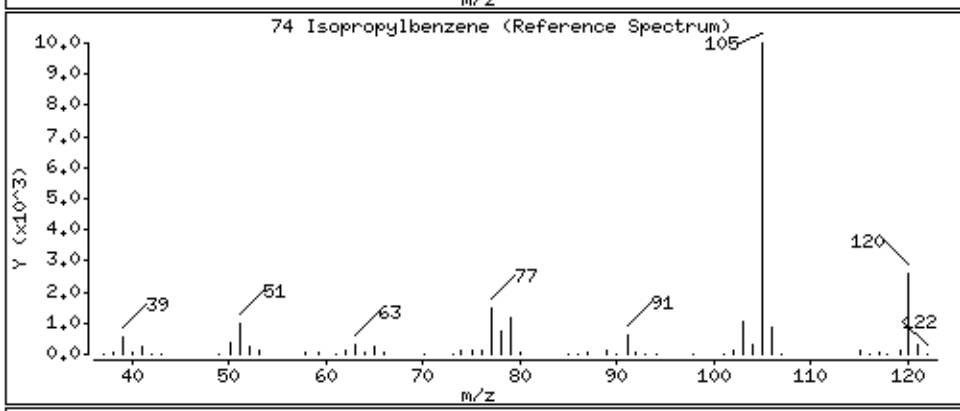
74 Isopropylbenzene

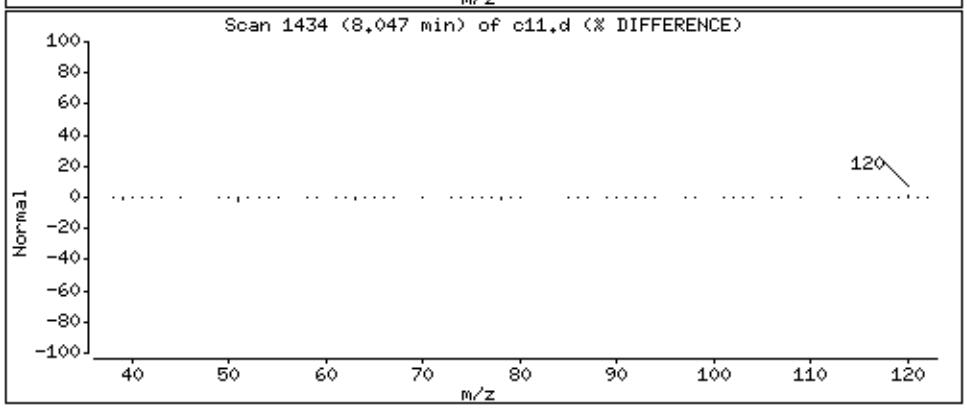
Concentration: 25.1 ppb

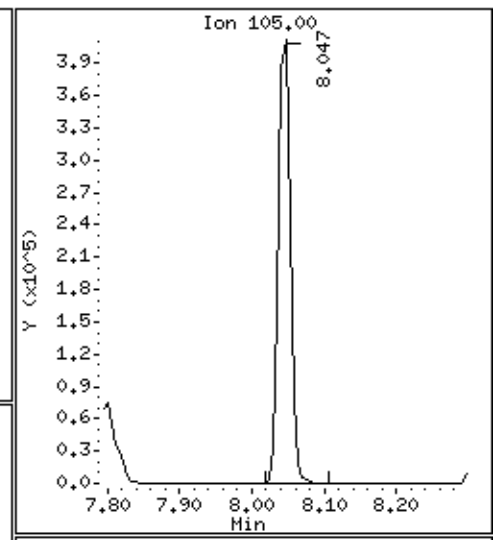
Review Code:

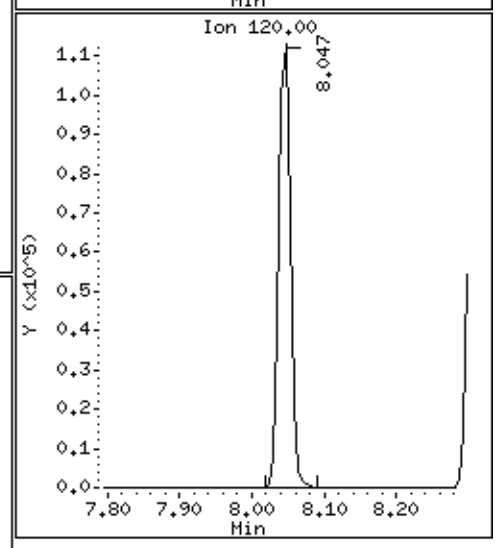












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

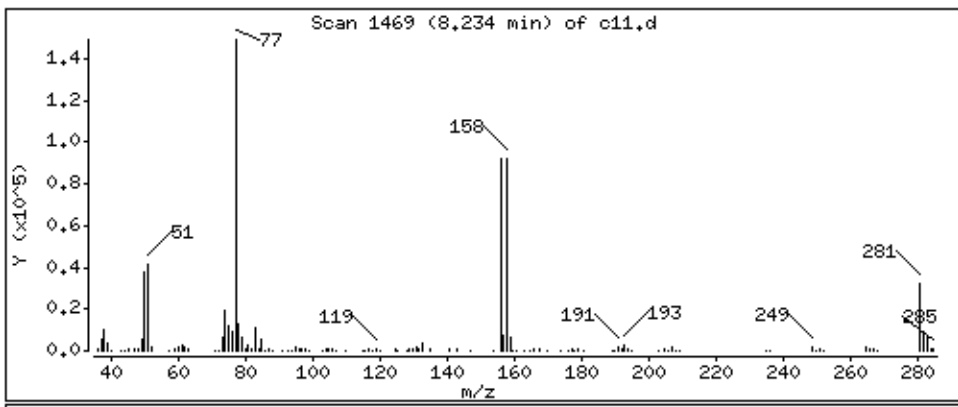
Column phase: DB-624

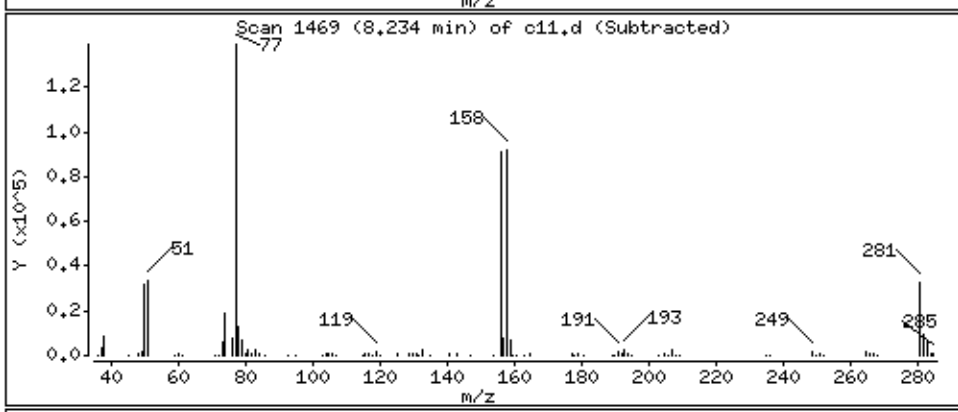
Column diameter: 0.18

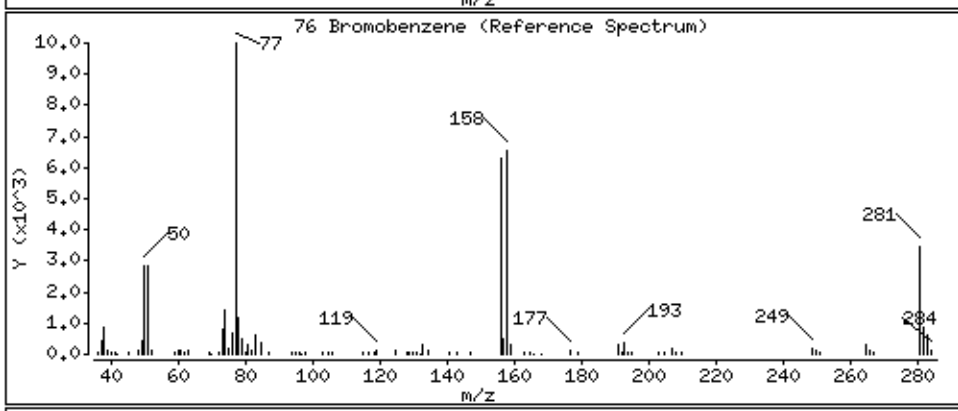
76 Bromobenzene

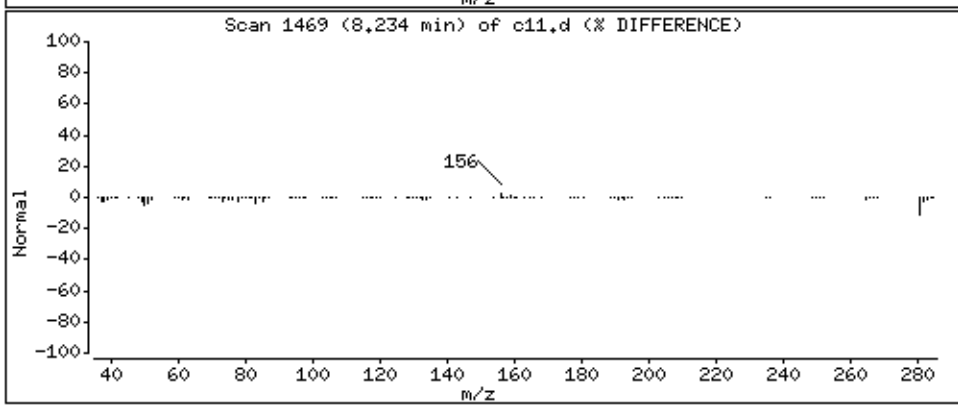
Concentration: 30.0 ppb

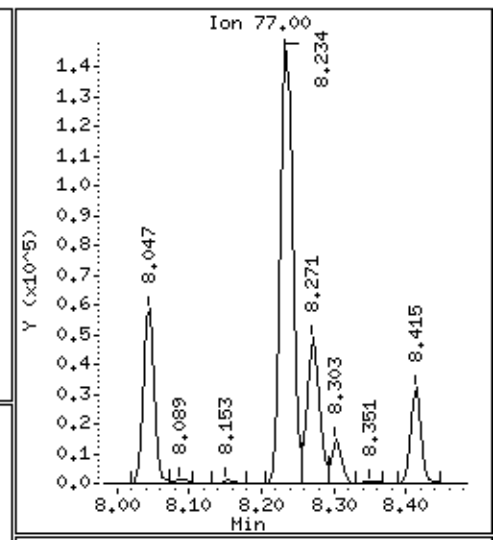
Review Code:

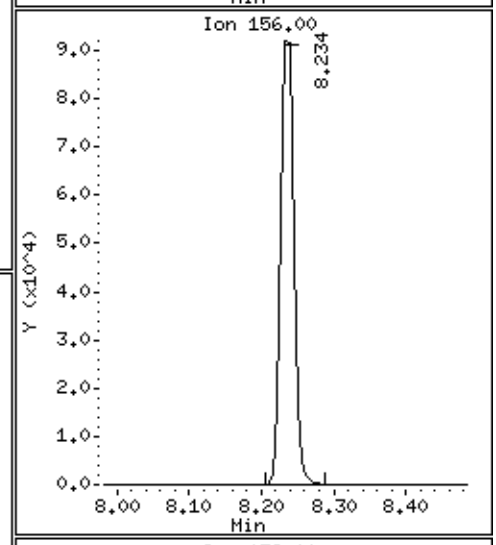


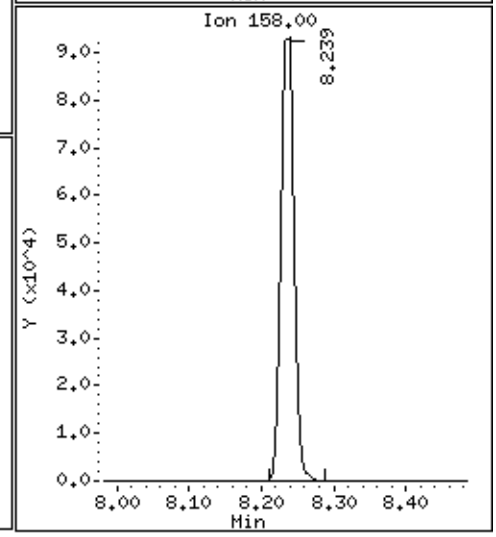












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

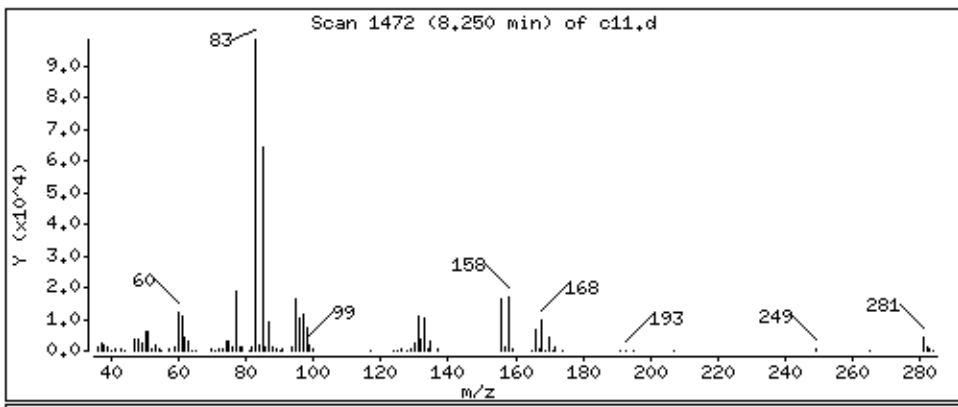
Column phase: DB-624

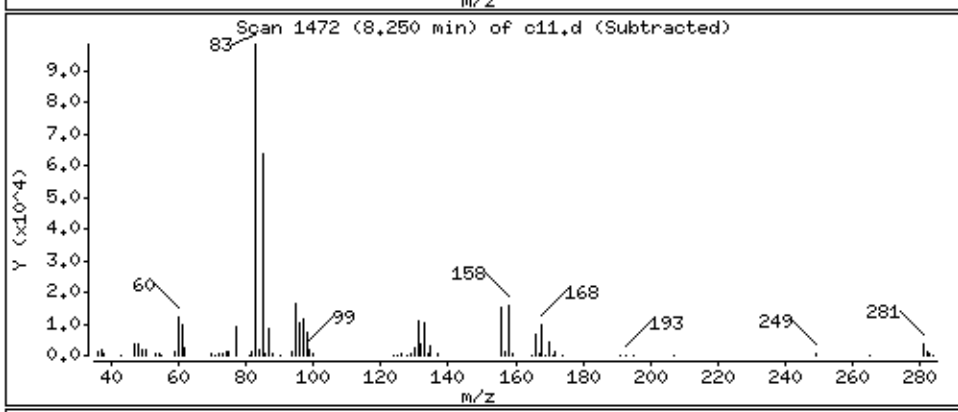
Column diameter: 0.18

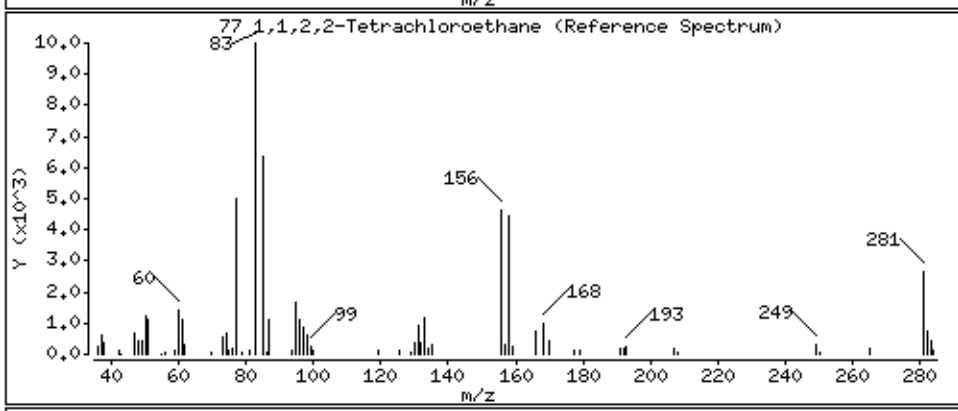
77 1,1,2,2-Tetrachloroethane

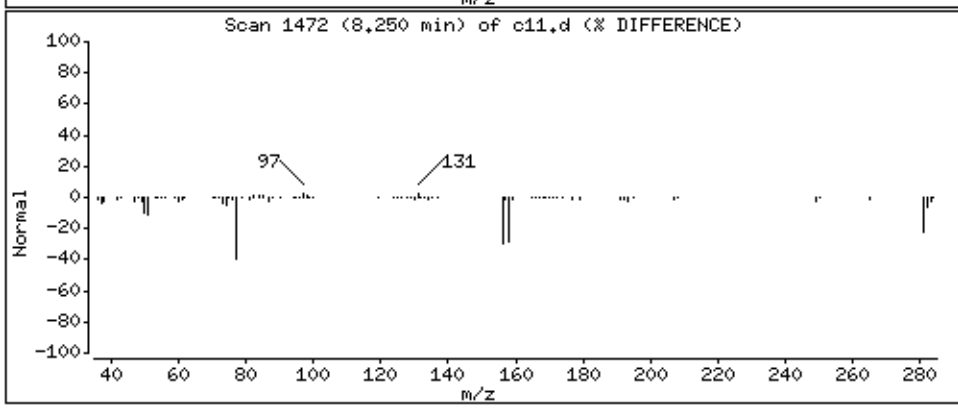
Concentration: 42.3 ppb

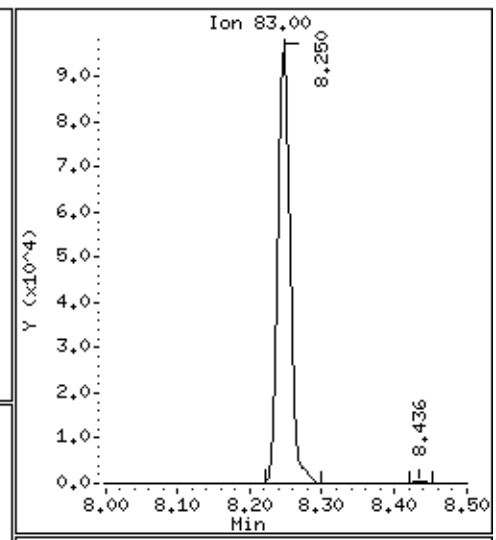
Review Code:

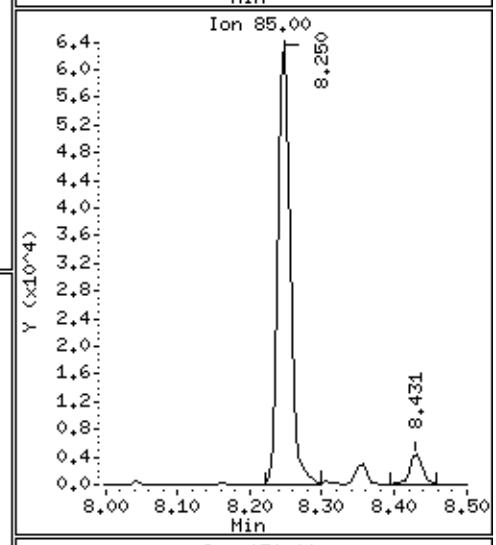


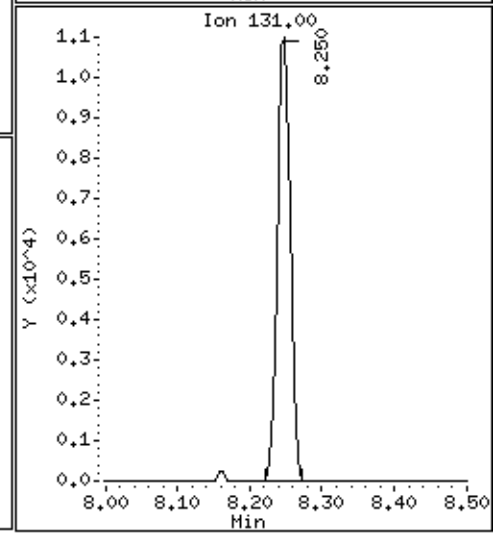












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

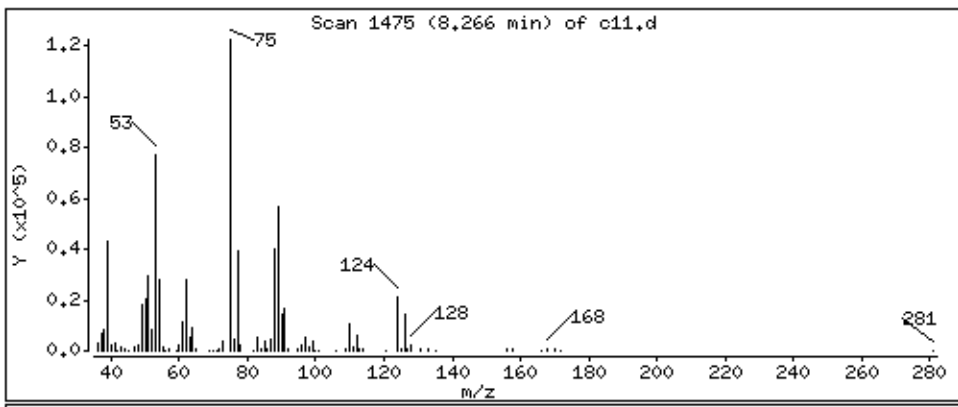
Column phase: DB-624

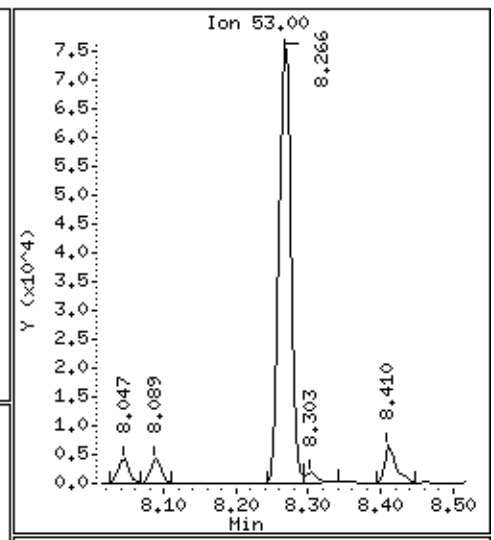
Column diameter: 0.18

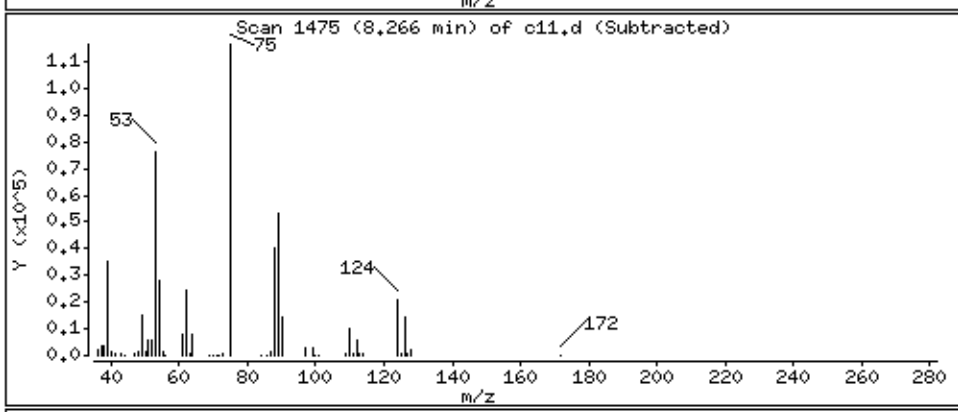
78 trans-1,4-Dichloro-2-butene

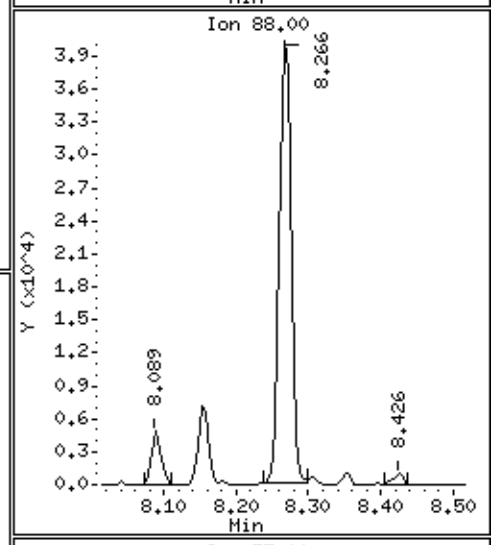
Concentration: 138 ppb

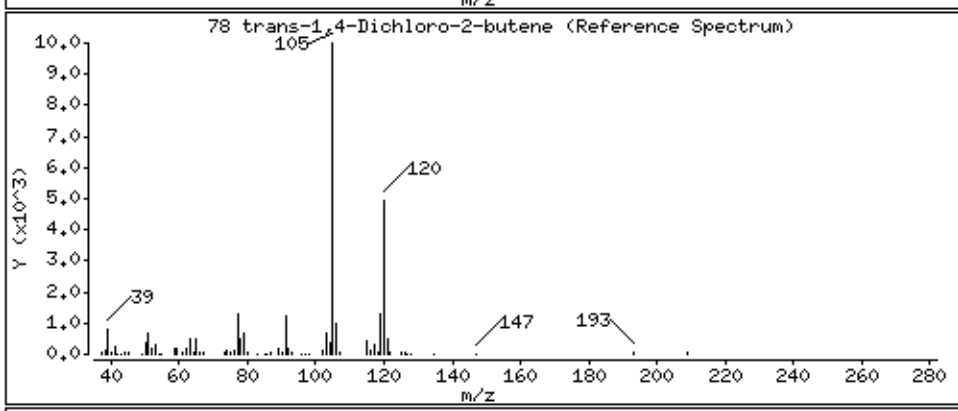
Review Code:

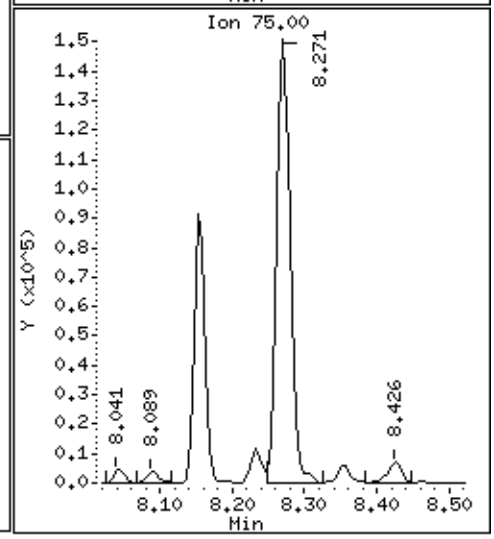


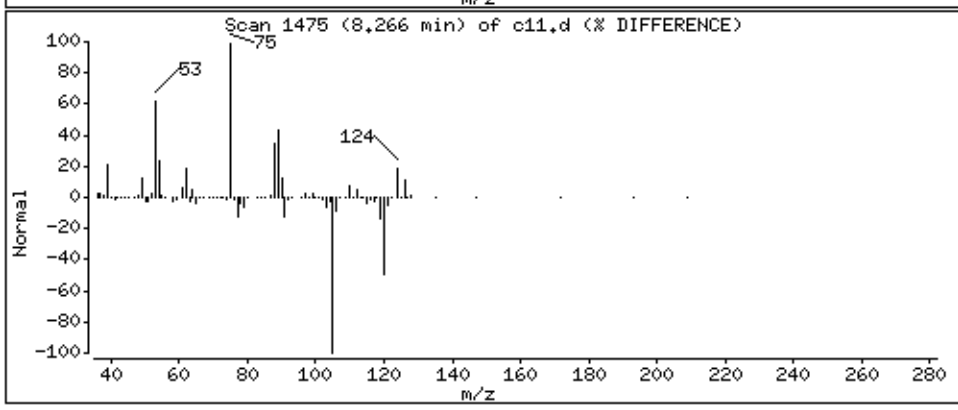












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

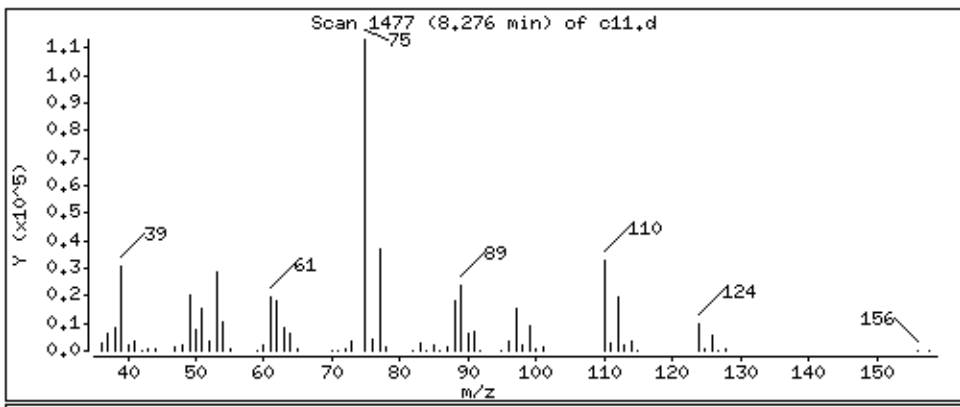
Column phase: DB-624

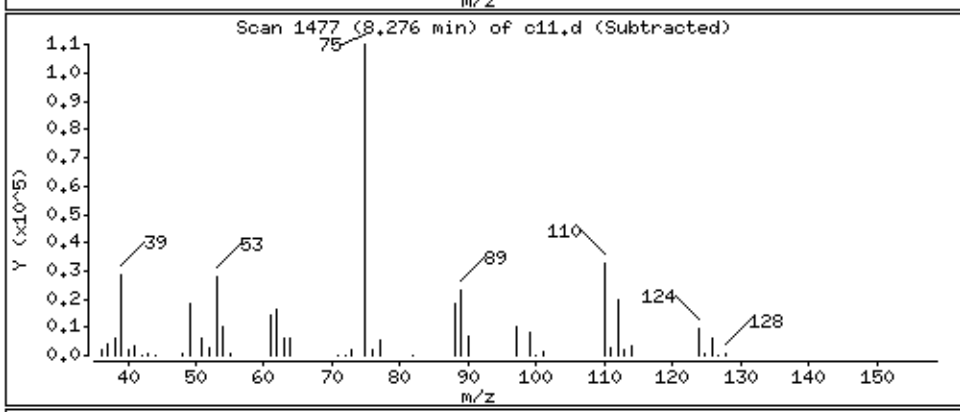
Column diameter: 0.18

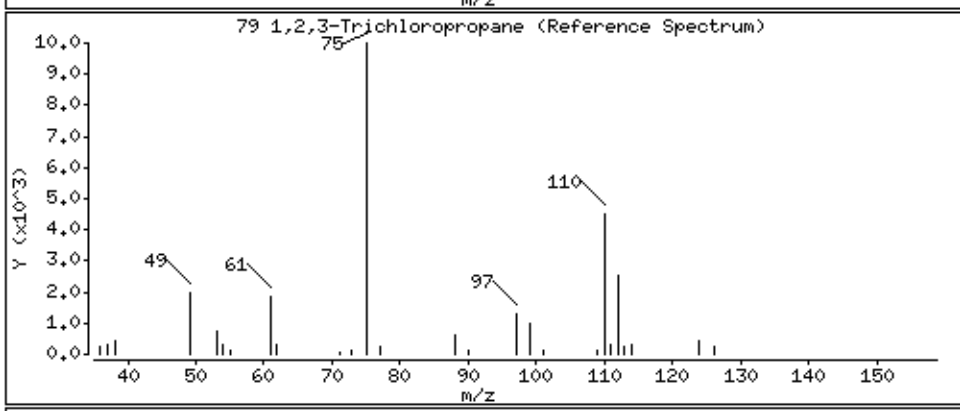
79 1,2,3-Trichloropropane

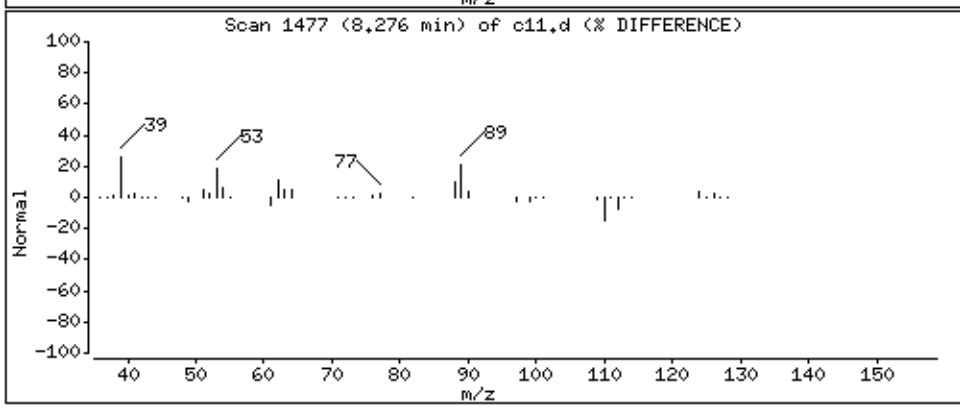
Concentration: 46.1 ppb

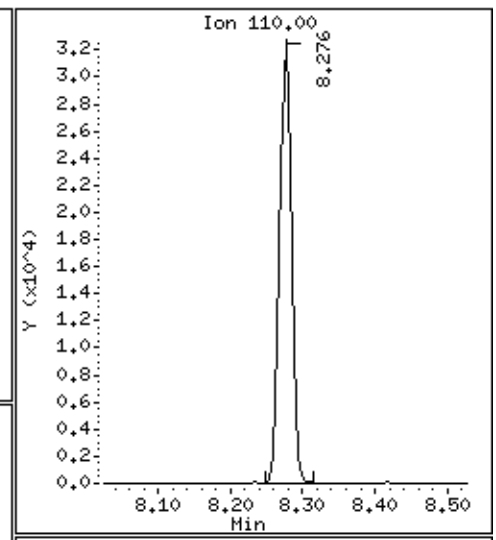
Review Code:

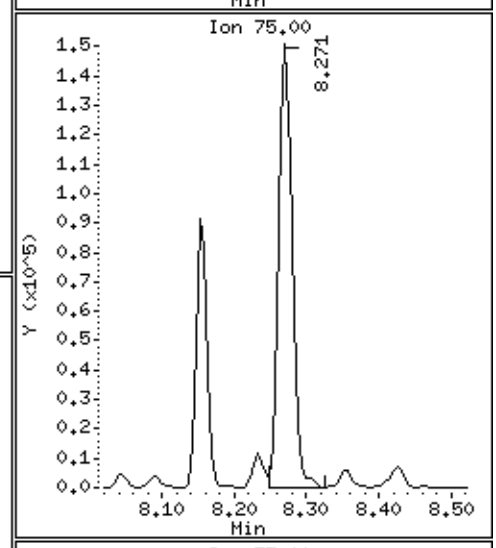


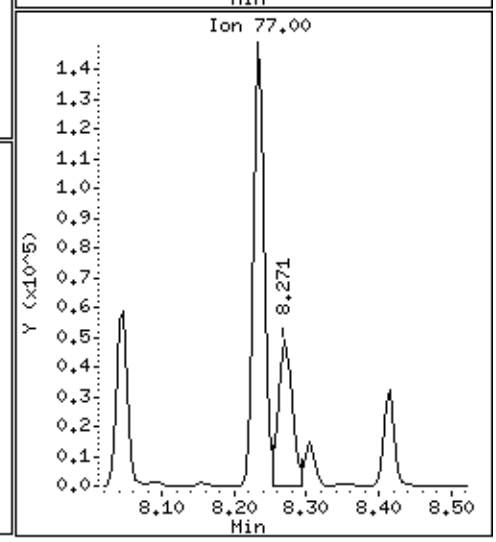












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

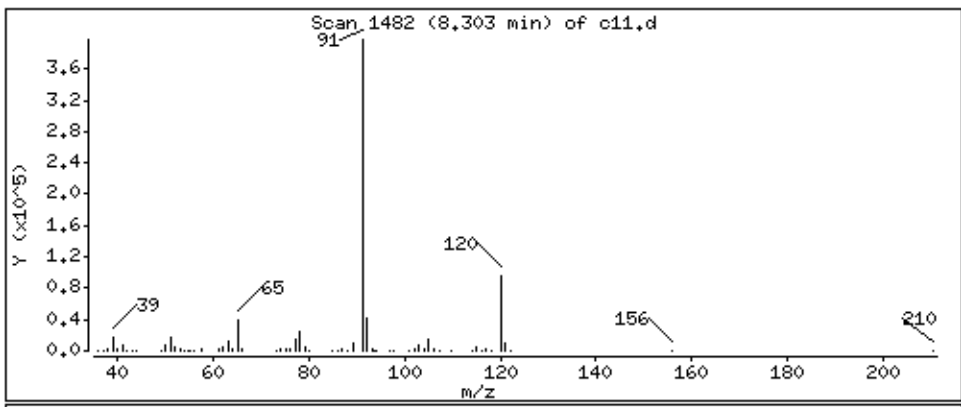
Column phase: DB-624

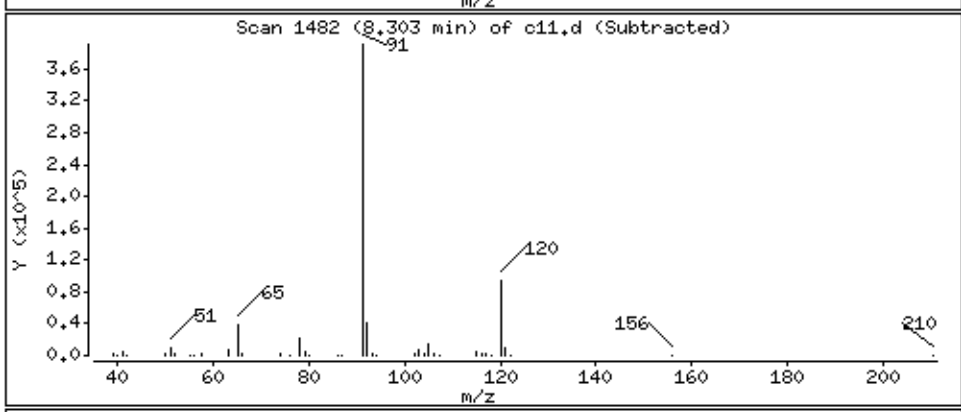
Column diameter: 0.18

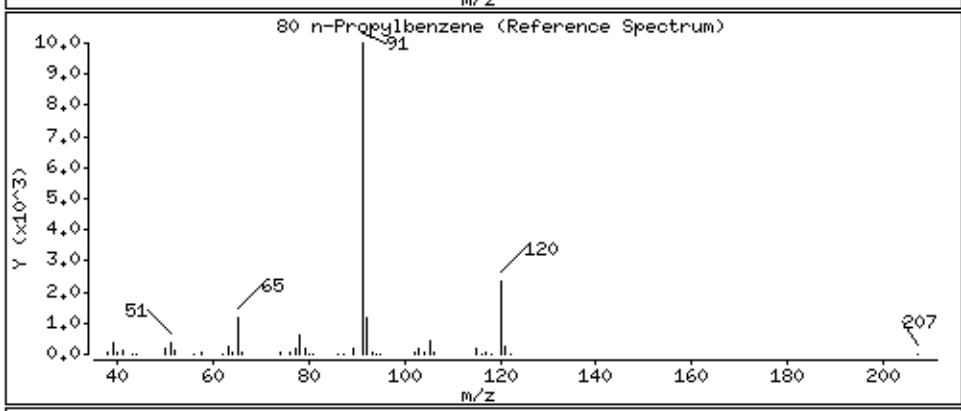
80 n-Propylbenzene

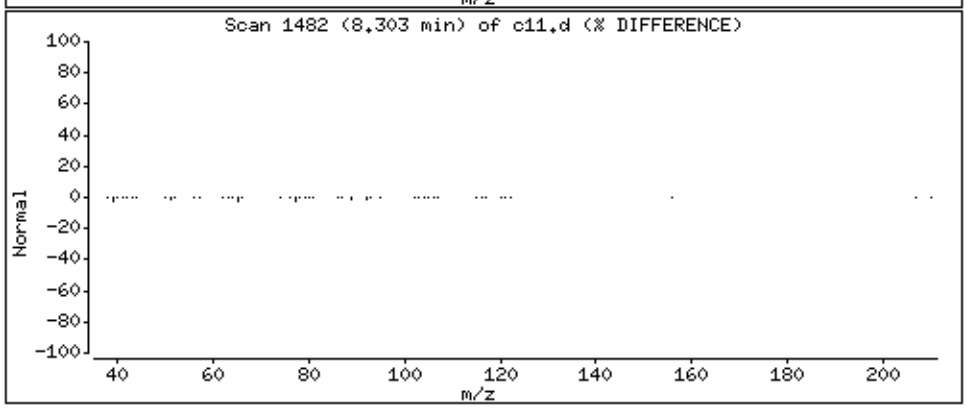
Concentration: 20.2 ppb

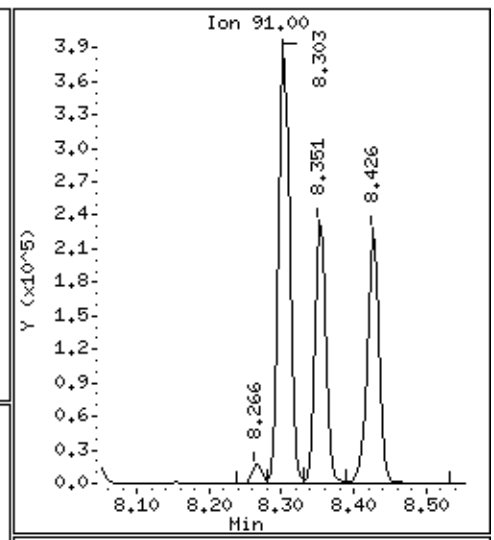
Review Code:

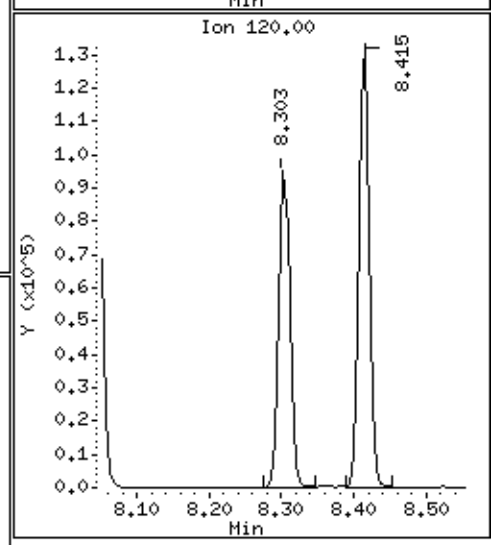












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

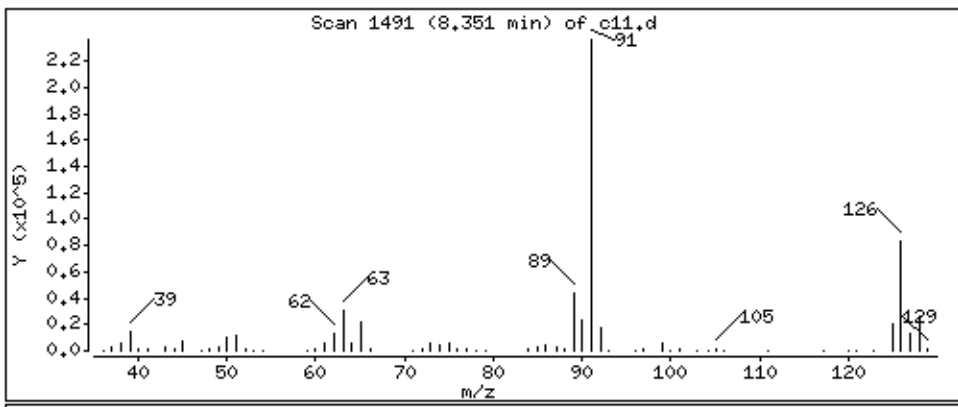
Column phase: DB-624

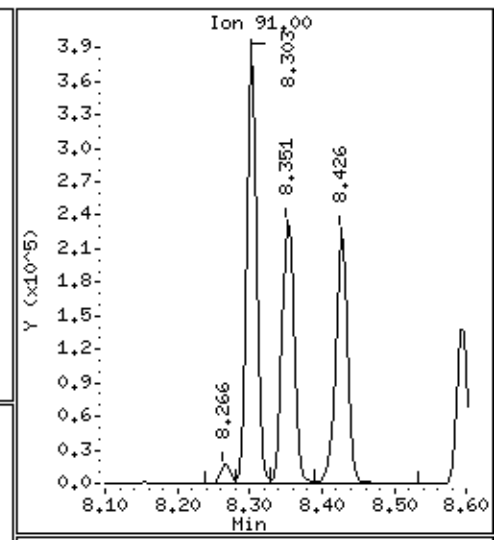
Column diameter: 0.18

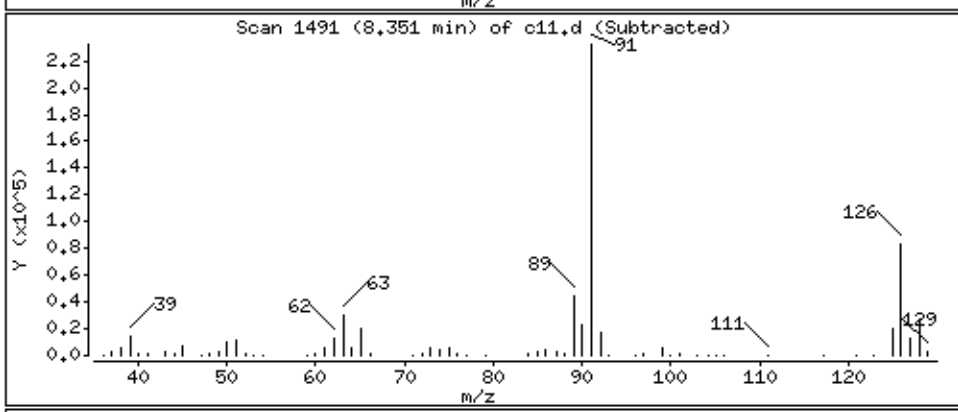
81 2-Chlorotoluene

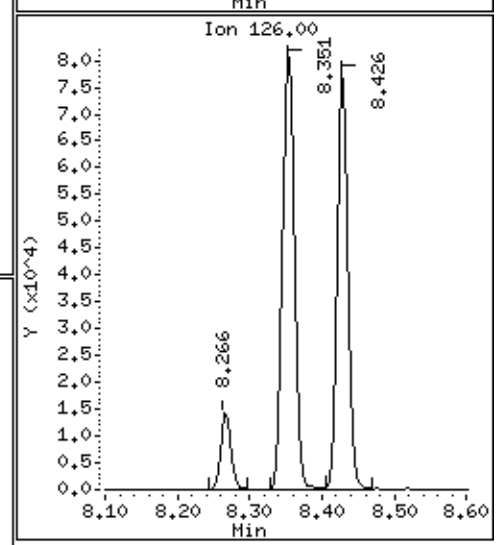
Concentration: 23.7 ppb

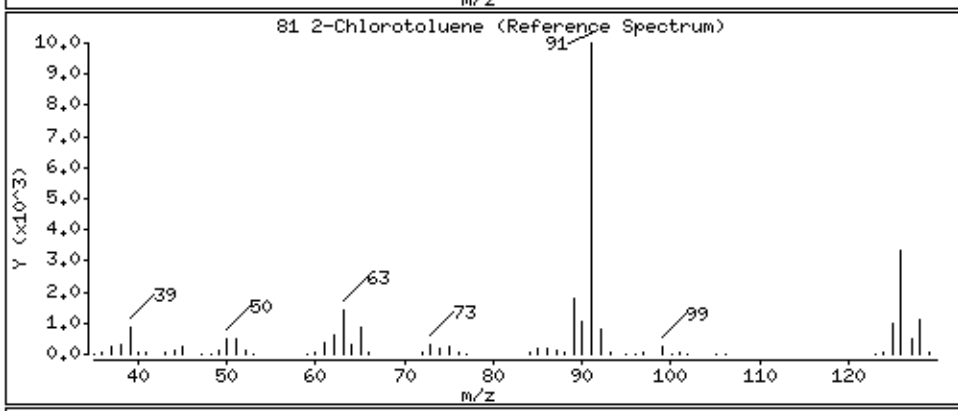
Review Code:

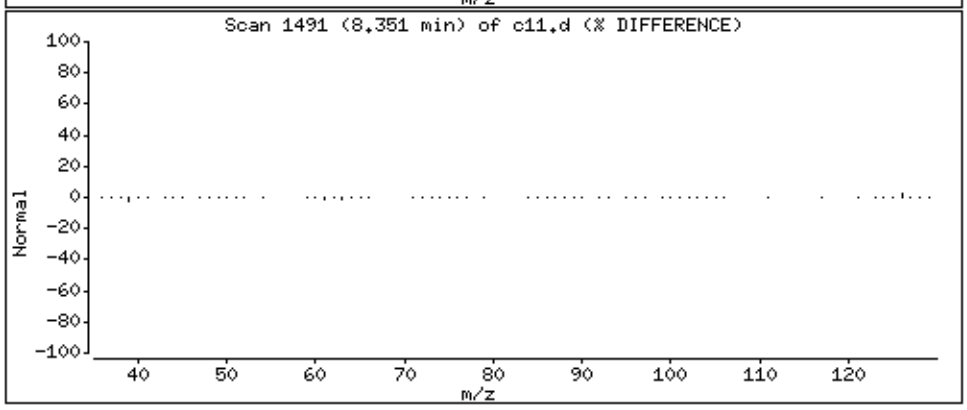












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

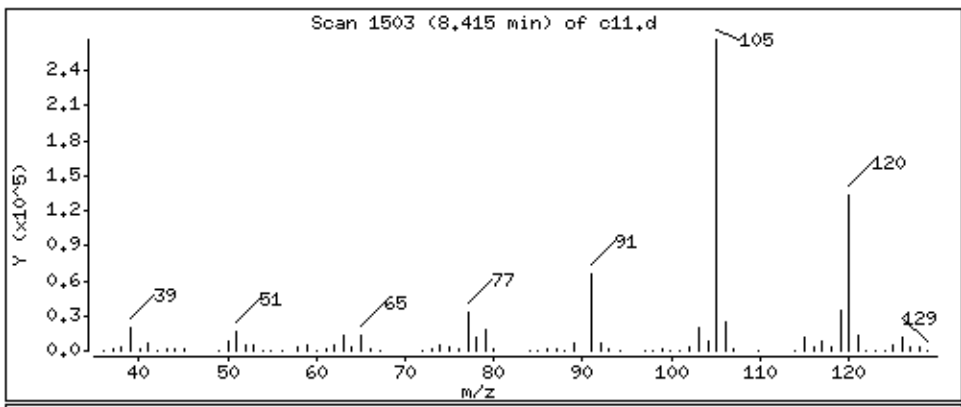
Column phase: DB-624

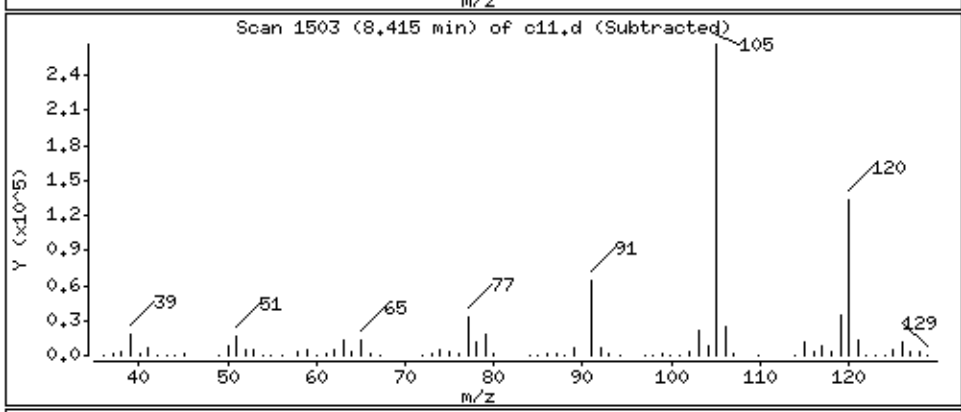
Column diameter: 0.18

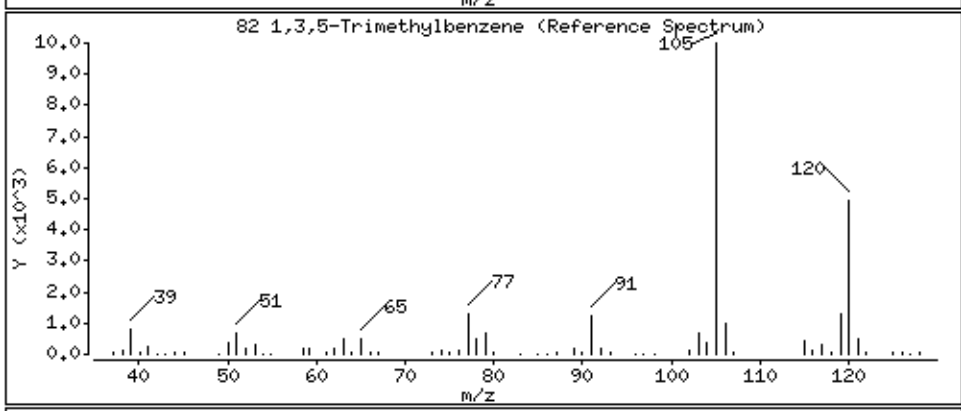
82 1,3,5-Trimethylbenzene

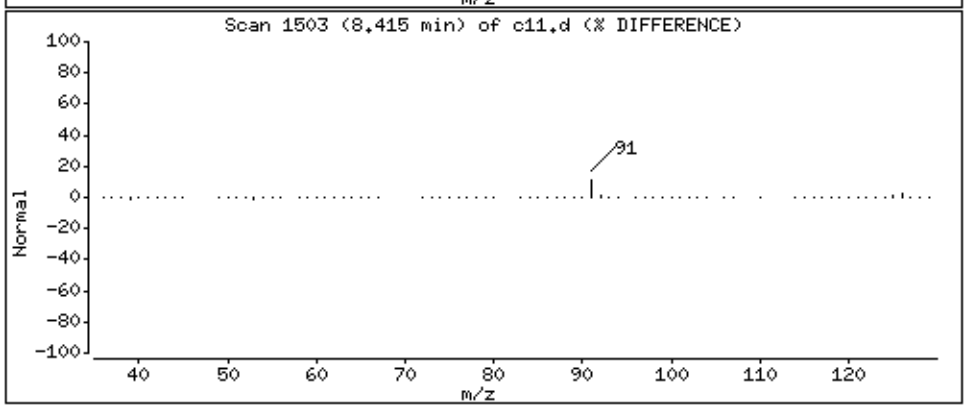
Concentration: 21.9 ppb

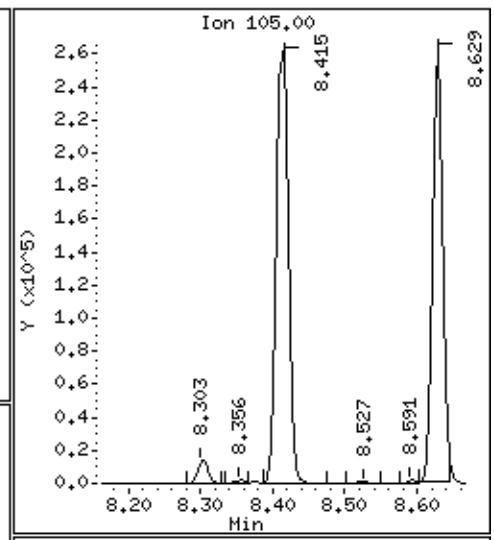
Review Code:

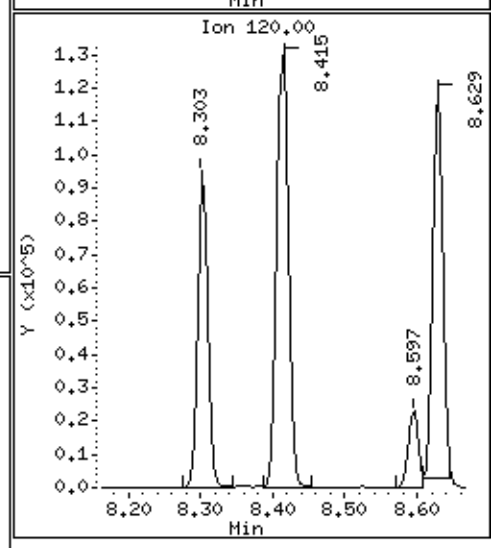












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

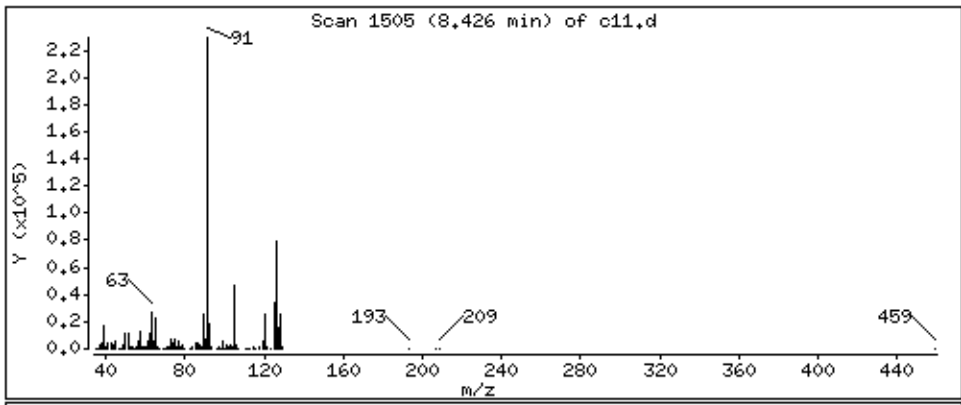
Column phase: DB-624

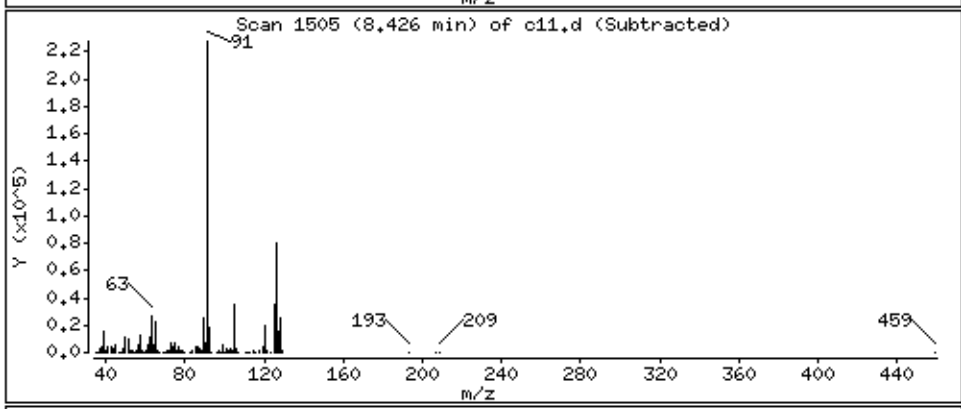
Column diameter: 0.18

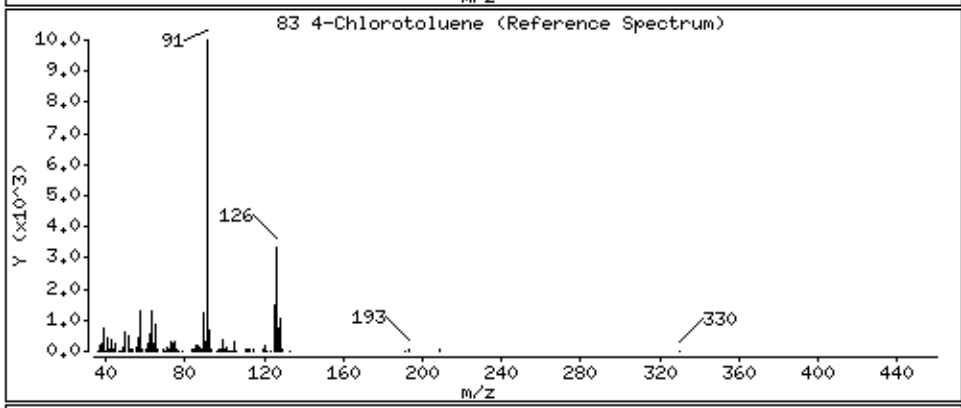
83 4-Chlorotoluene

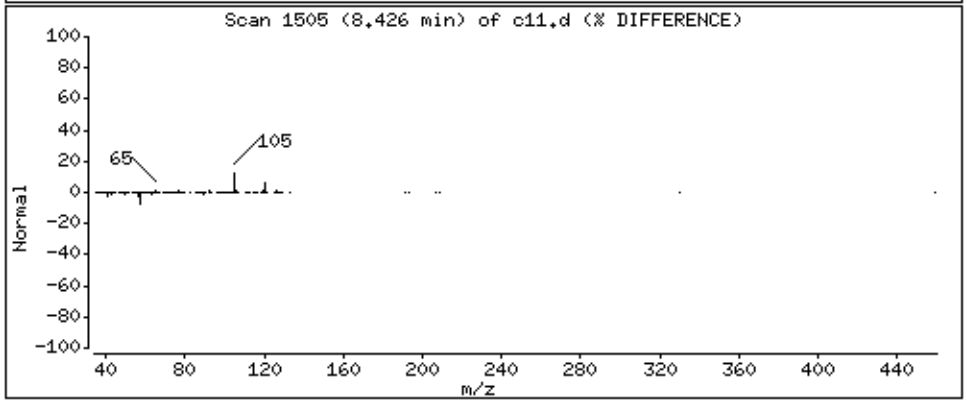
Concentration: 24.3 ppb

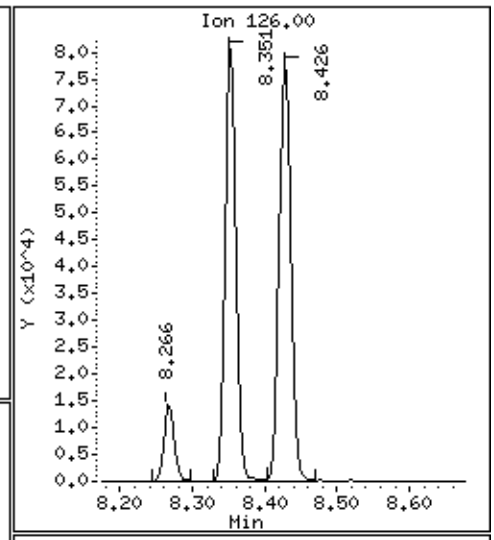
Review Code:

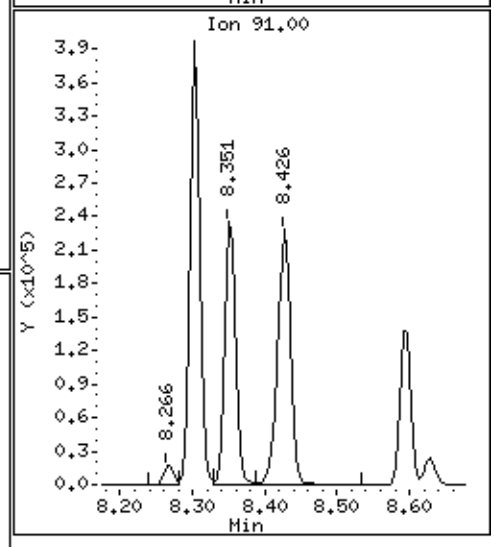












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

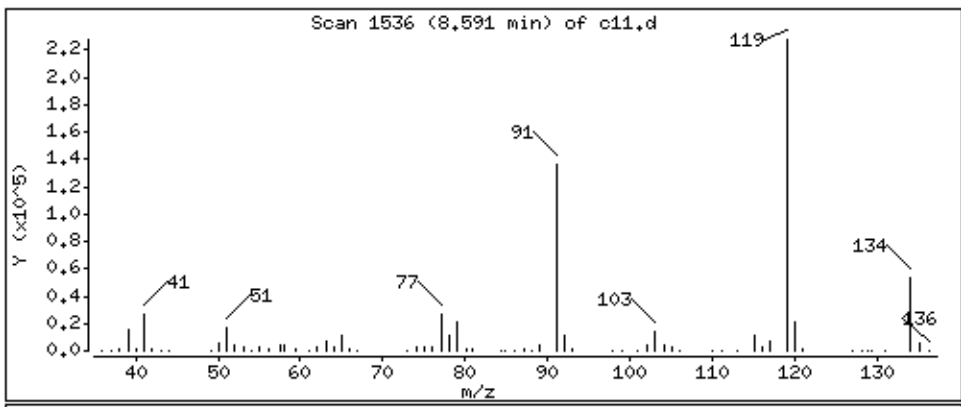
Column phase: DB-624

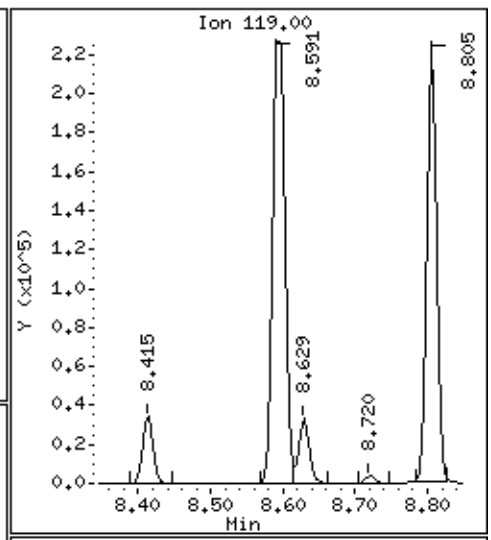
Column diameter: 0.18

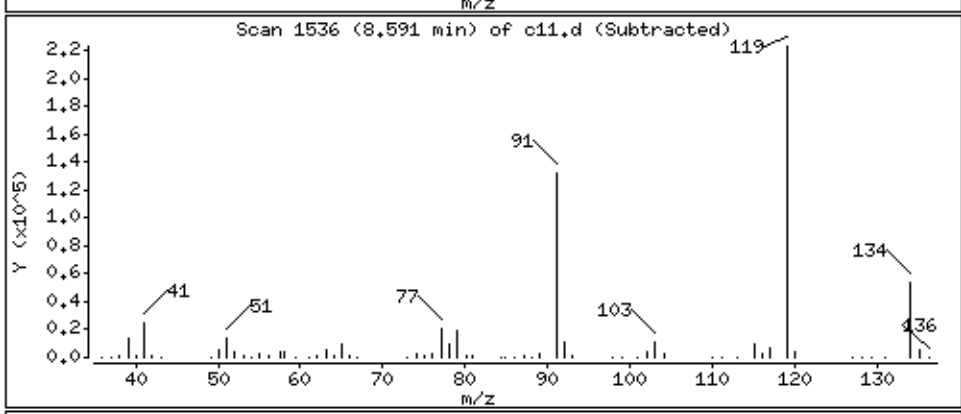
84 tert-Butylbenzene

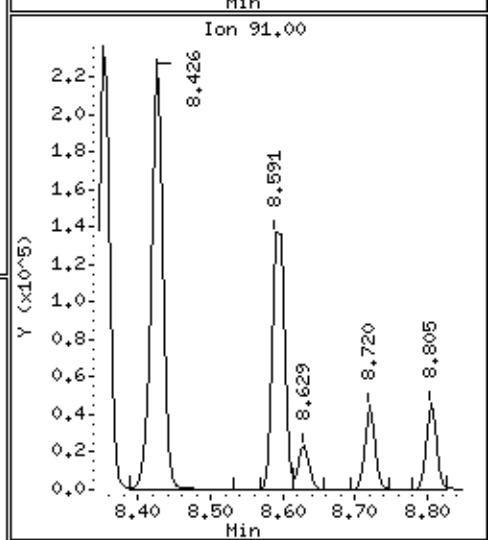
Concentration: 16.8 ppb

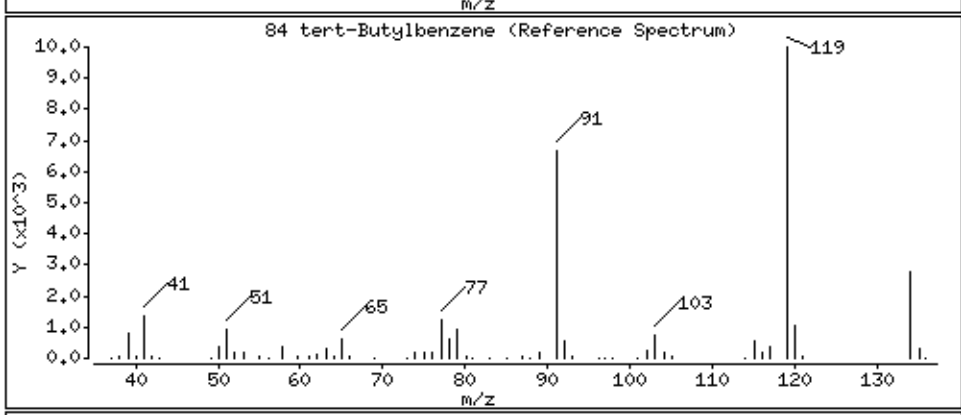
Review Code:

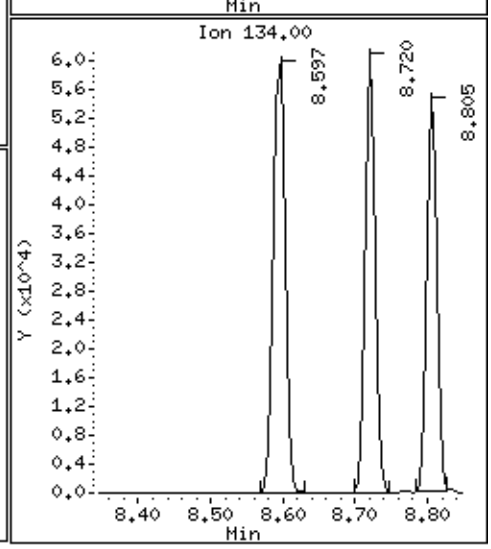


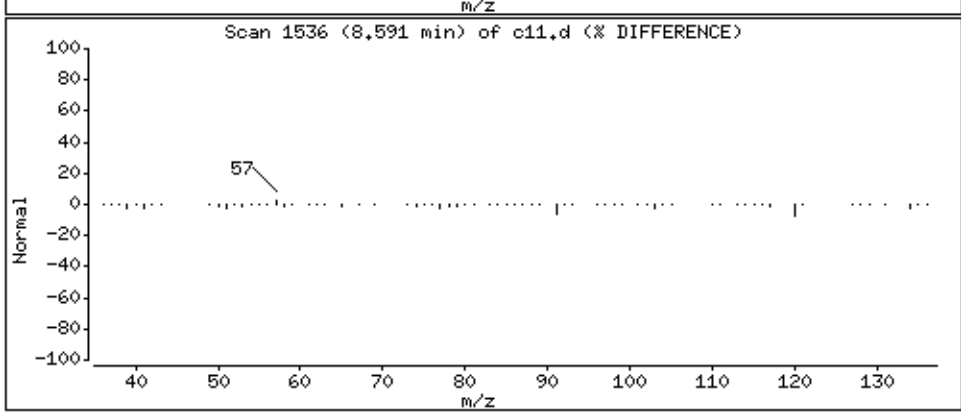












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

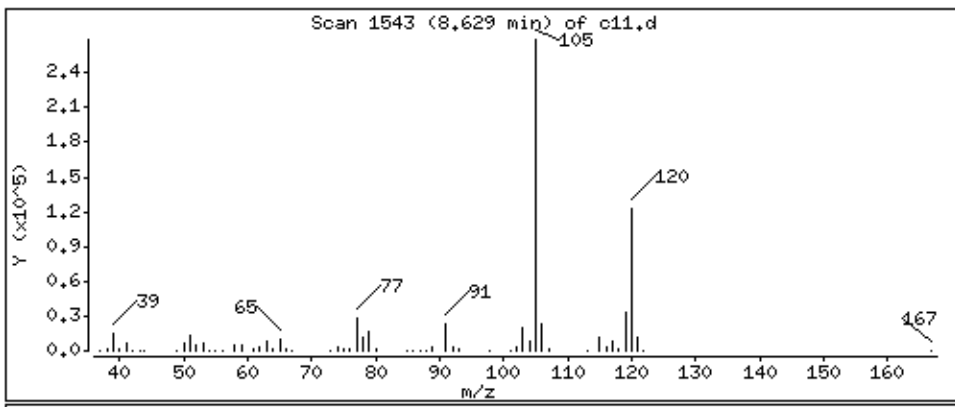
Column phase: DB-624

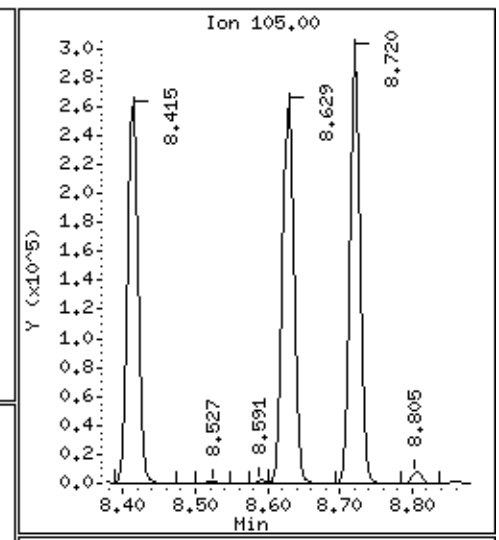
Column diameter: 0.18

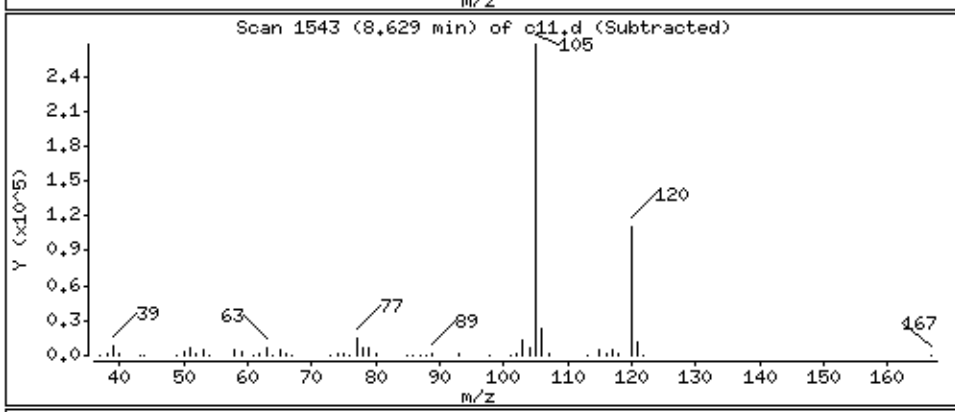
85 1,2,4-Trimethylbenzene

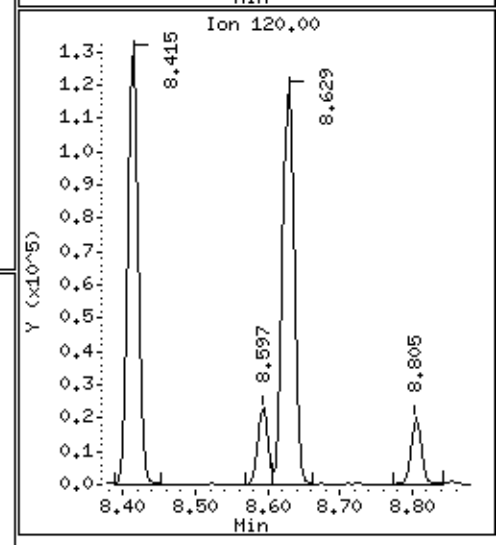
Concentration: 21.9 ppb

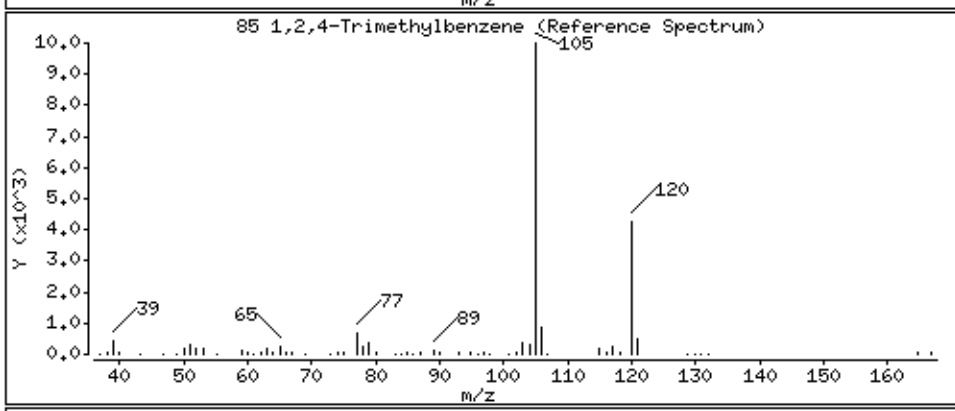
Review Code:

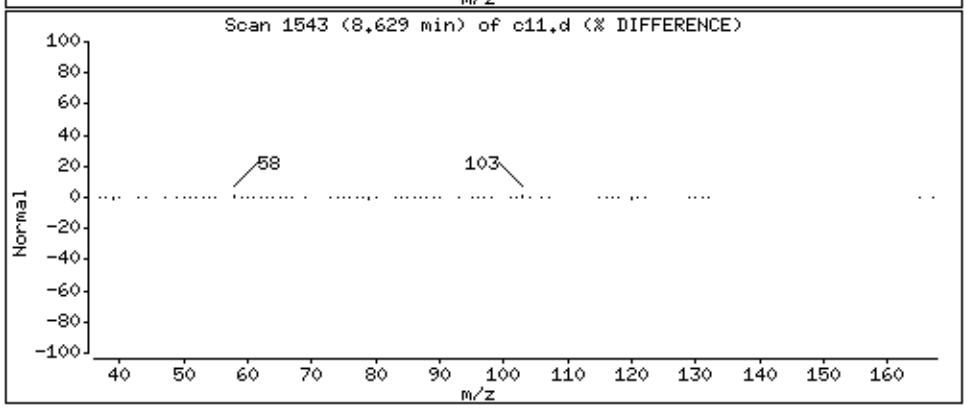












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

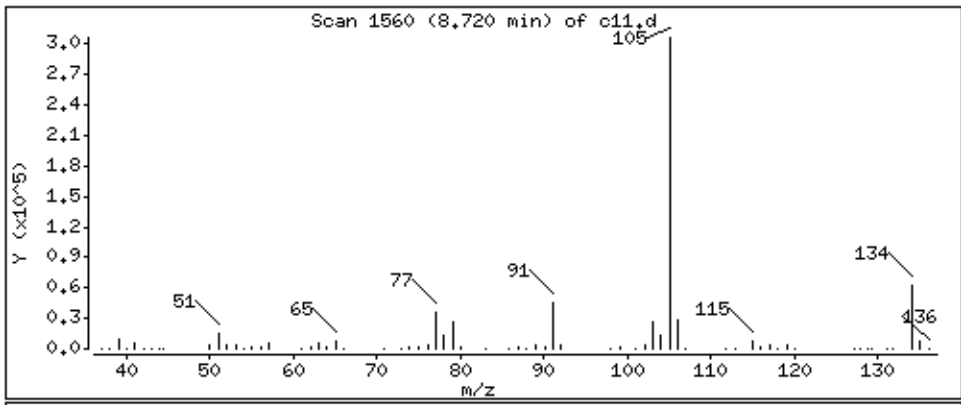
Column phase: DB-624

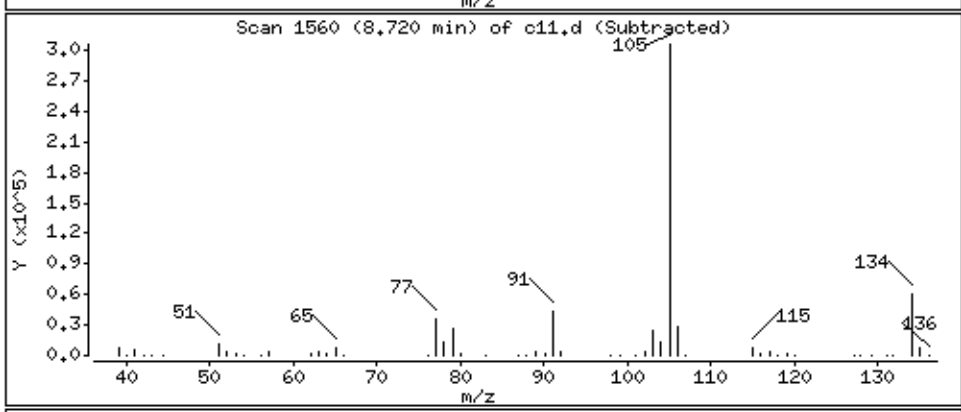
Column diameter: 0.18

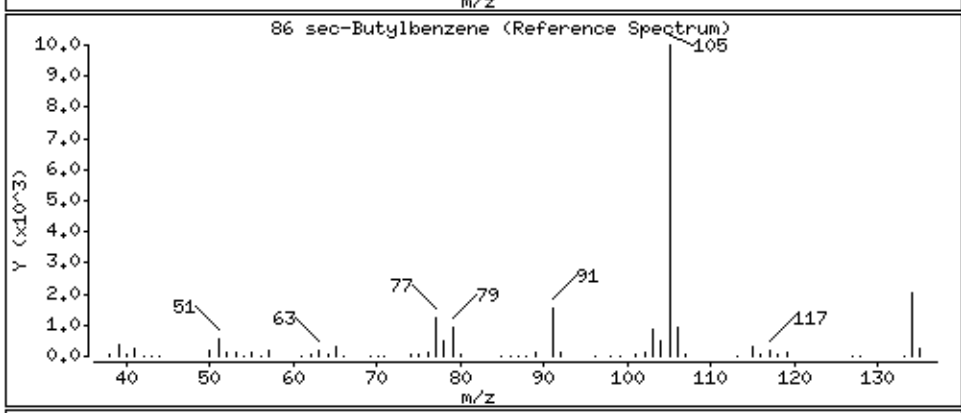
86 sec-Butylbenzene

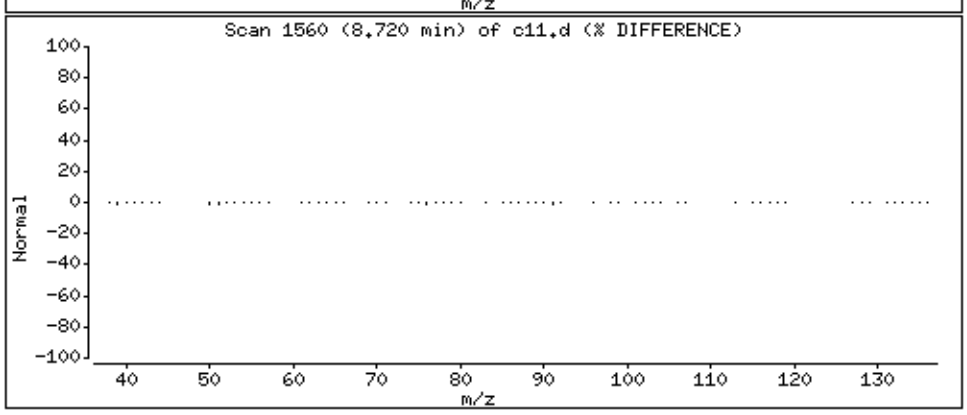
Concentration: 18.5 ppb

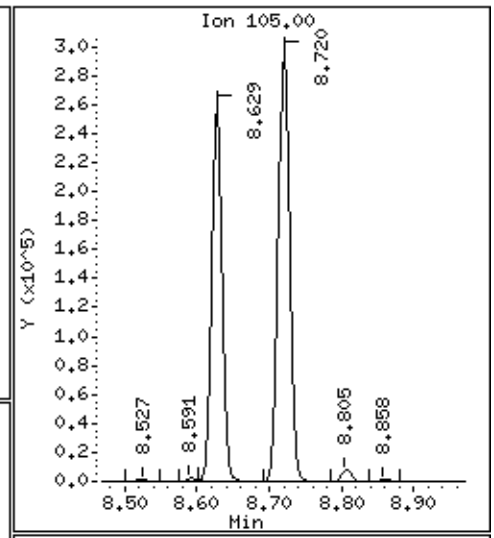
Review Code:

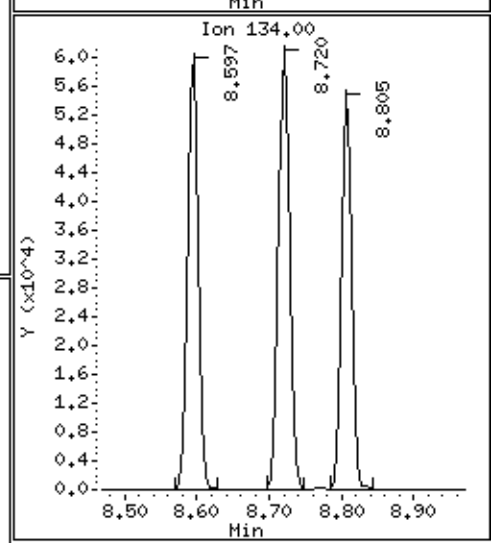












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

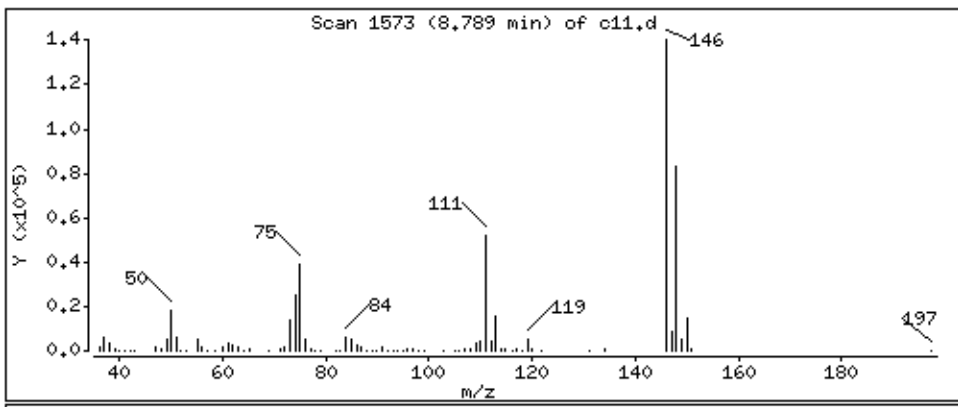
Column phase: DB-624

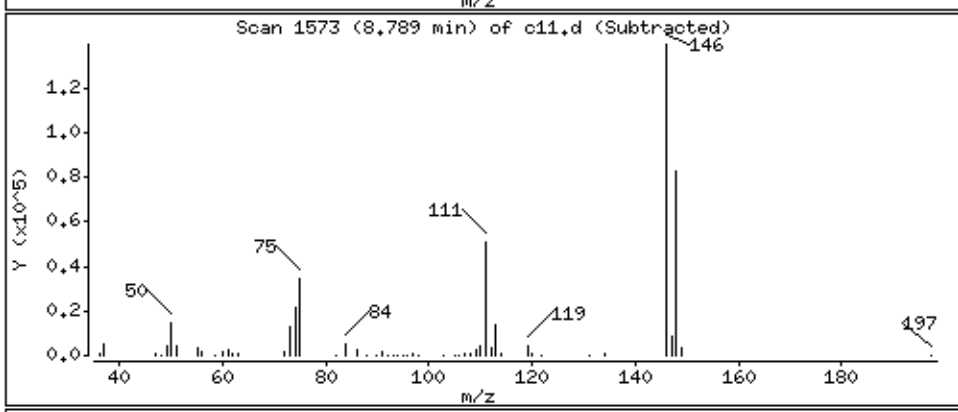
Column diameter: 0.18

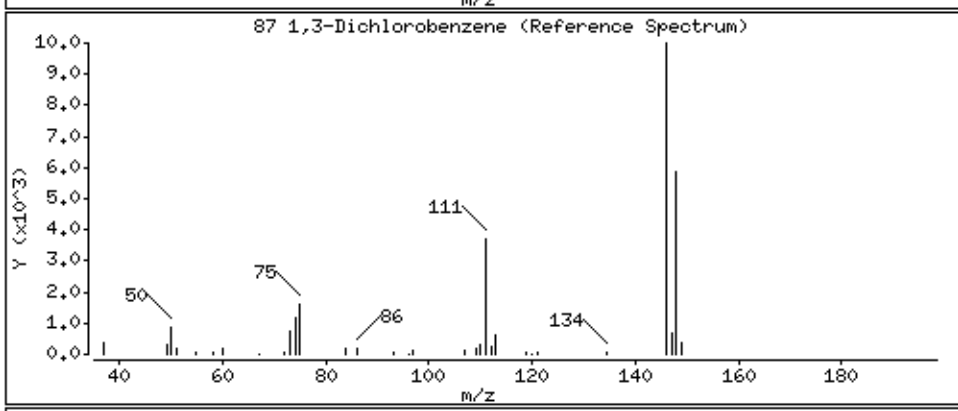
87 1,3-Dichlorobenzene

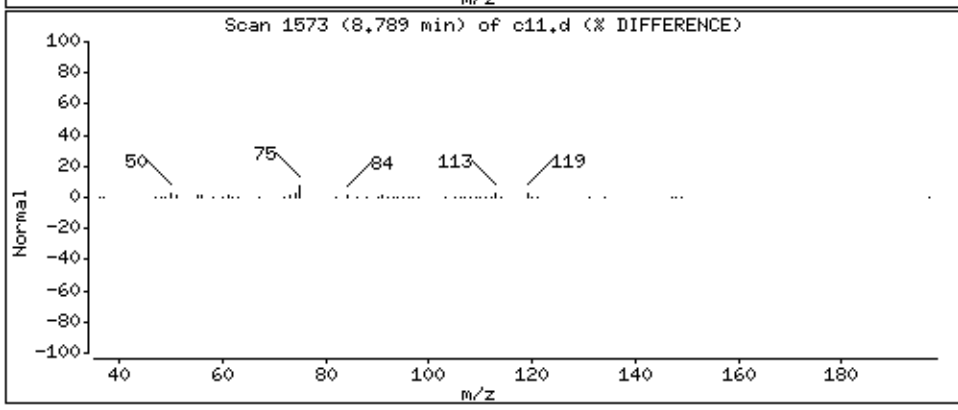
Concentration: 25.0 ppb

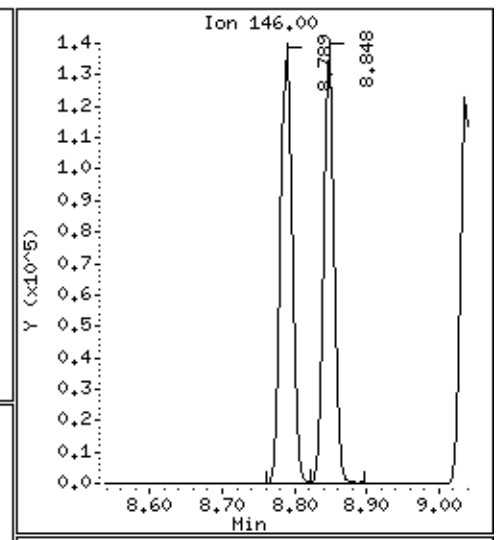
Review Code:

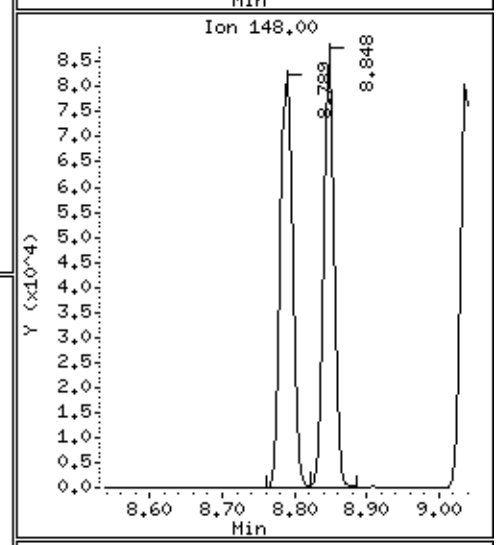


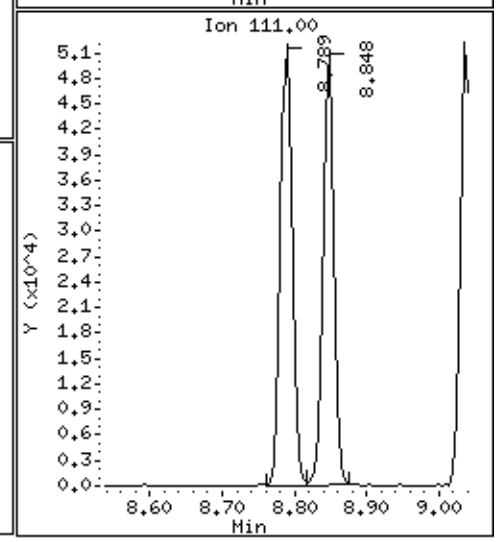












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

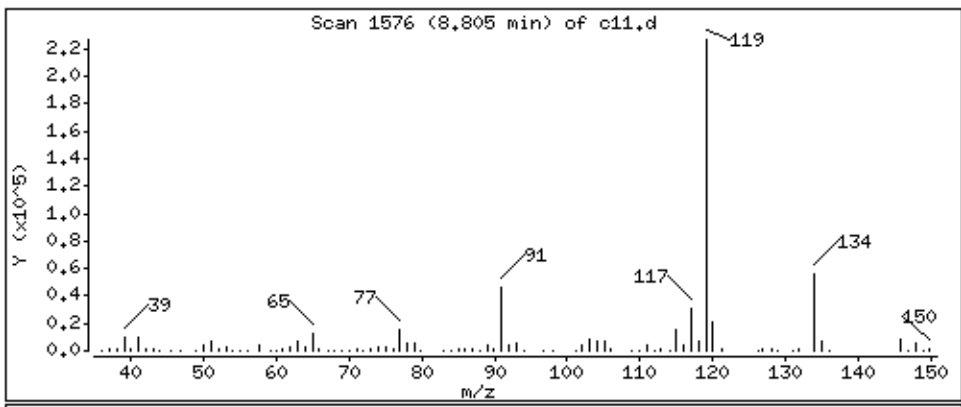
Column phase: DB-624

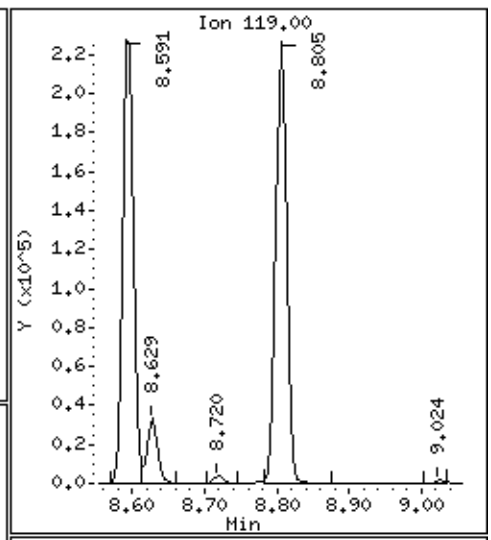
Column diameter: 0.18

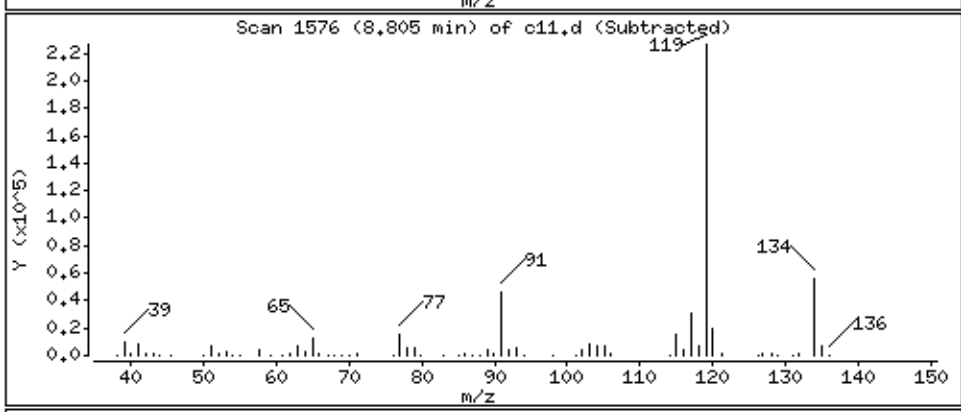
88 p-Isopropyltoluene

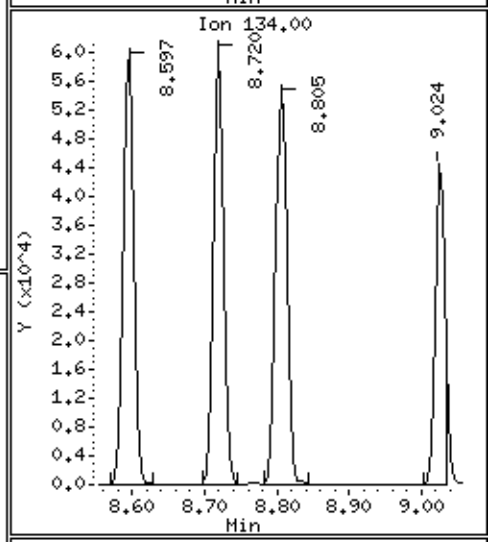
Concentration: 17.0 ppb

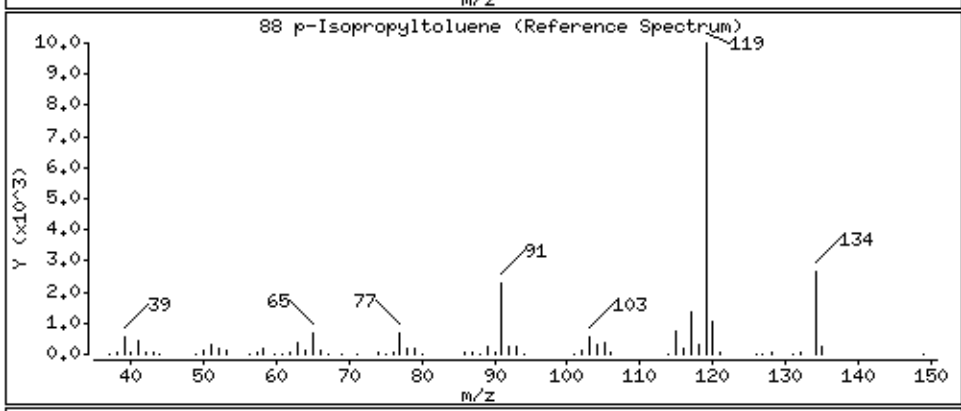
Review Code:

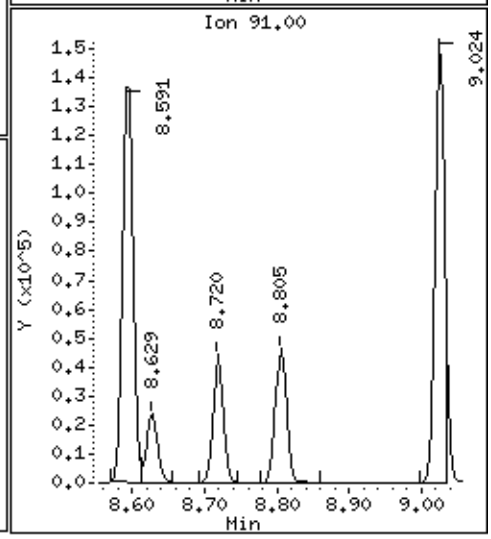


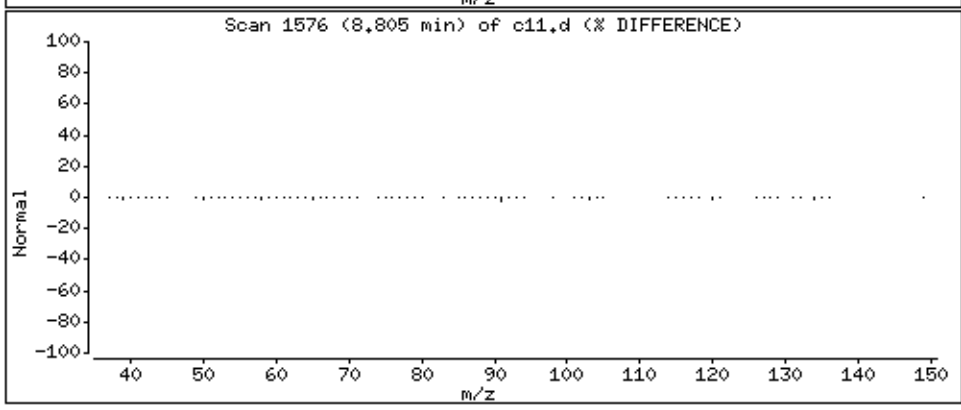












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

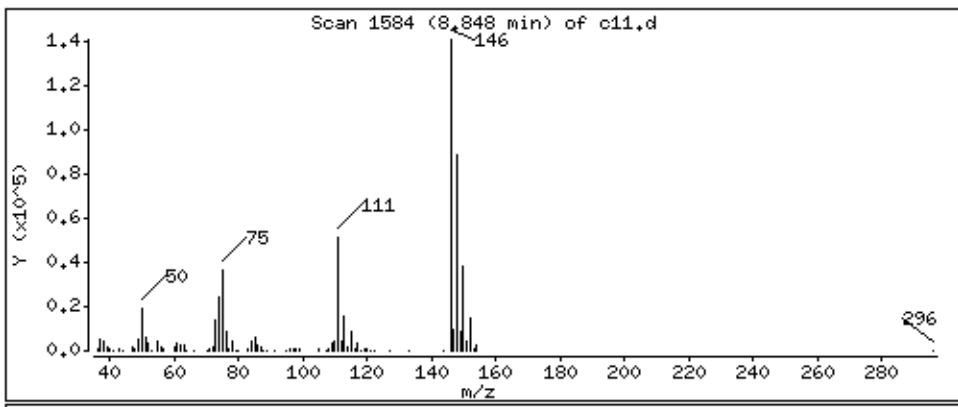
Column phase: DB-624

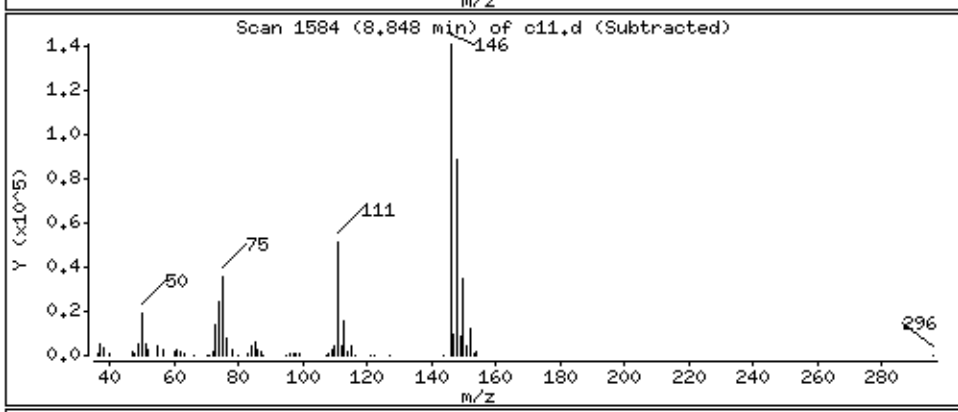
Column diameter: 0.18

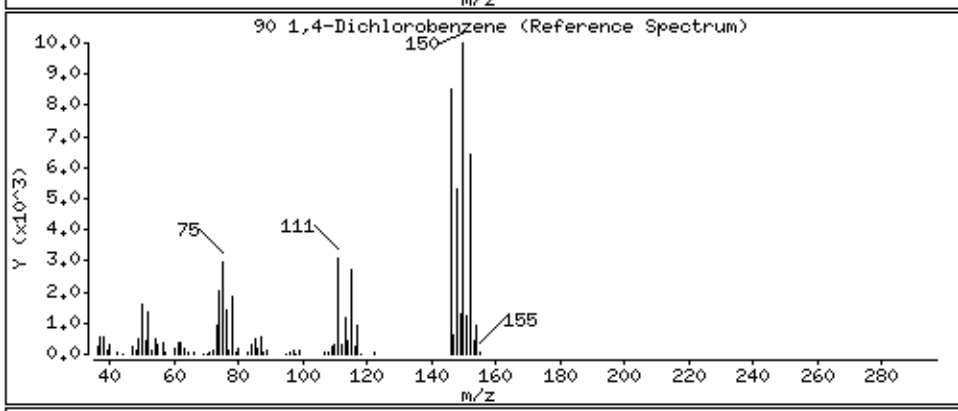
90 1,4-Dichlorobenzene

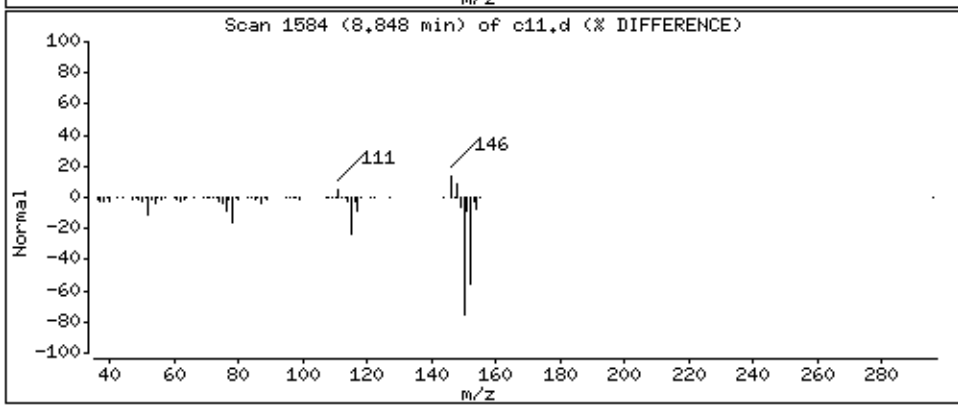
Concentration: 25.4 ppb

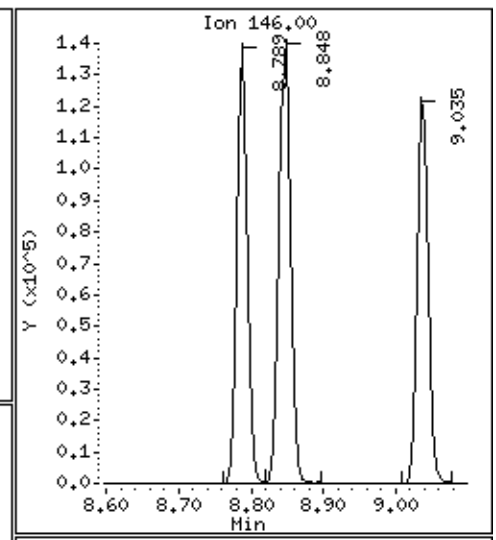
Review Code:

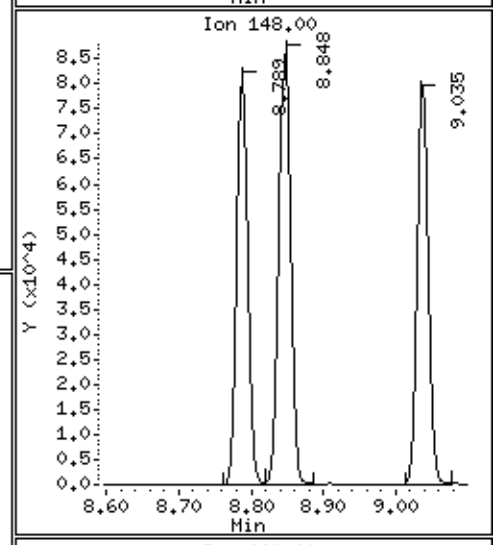


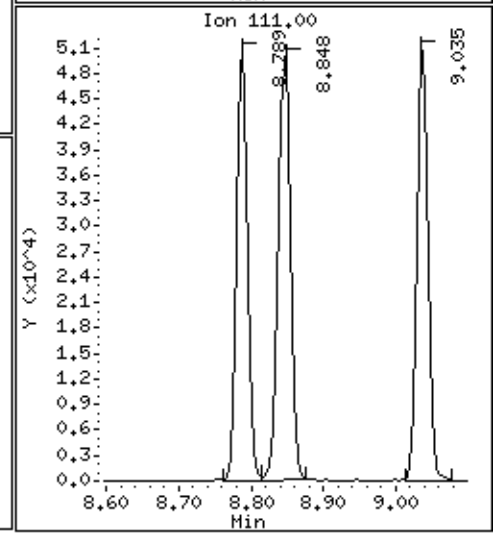












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

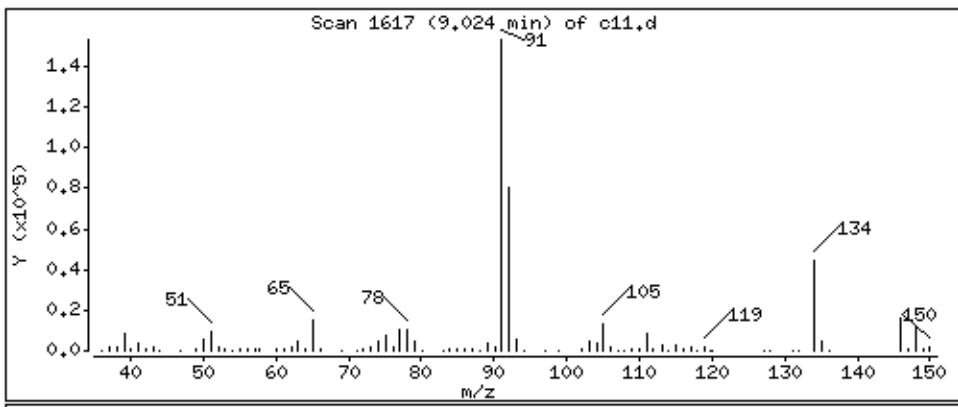
Column phase: DB-624

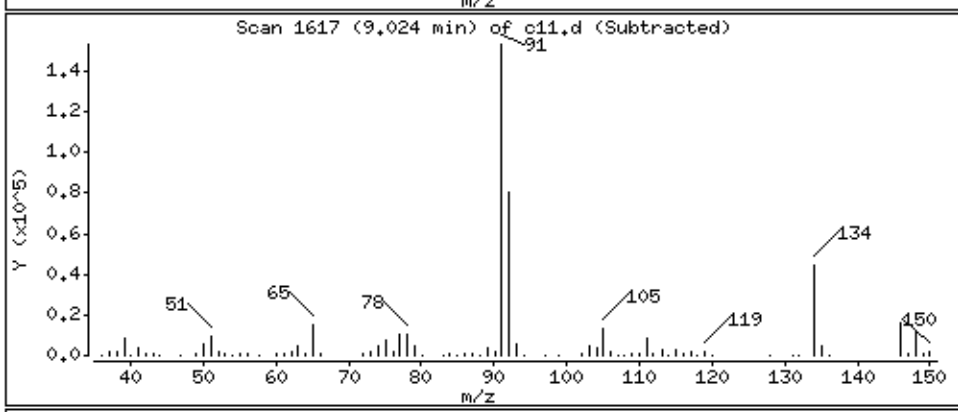
Column diameter: 0.18

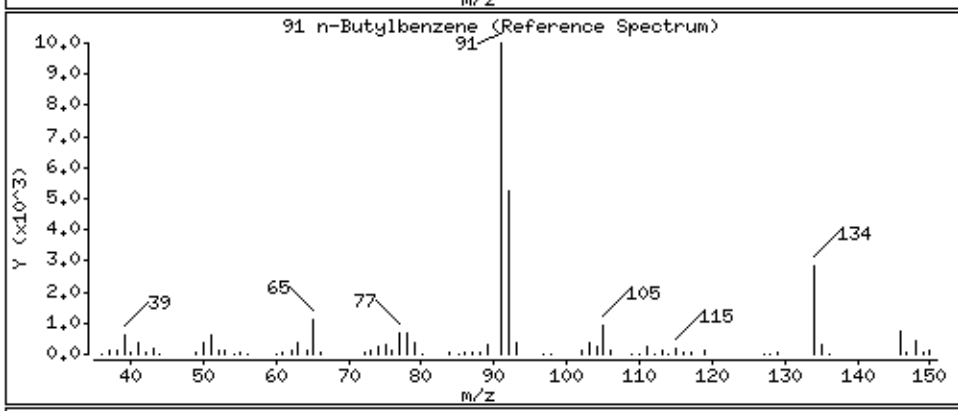
91 n-Butylbenzene

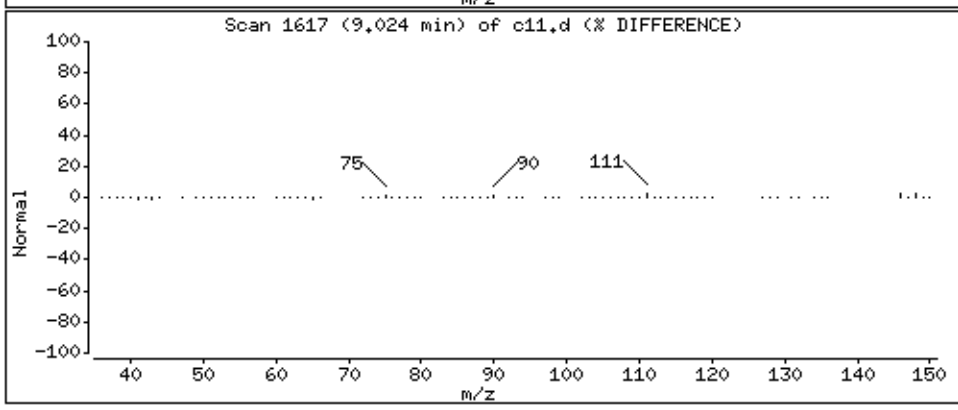
Concentration: 13.6 ppb

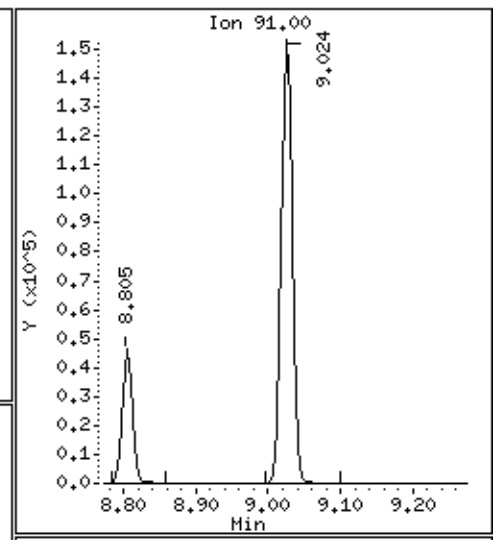
Review Code:

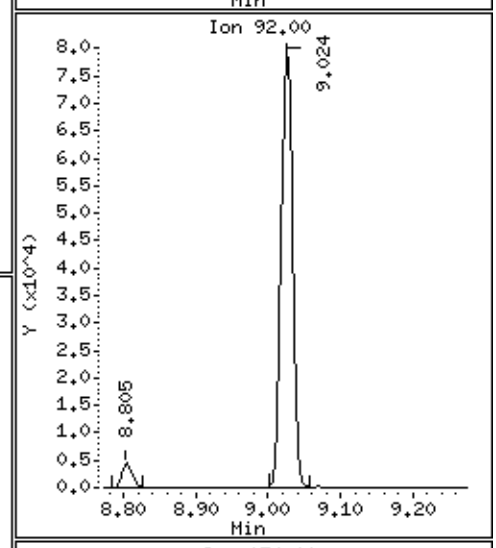


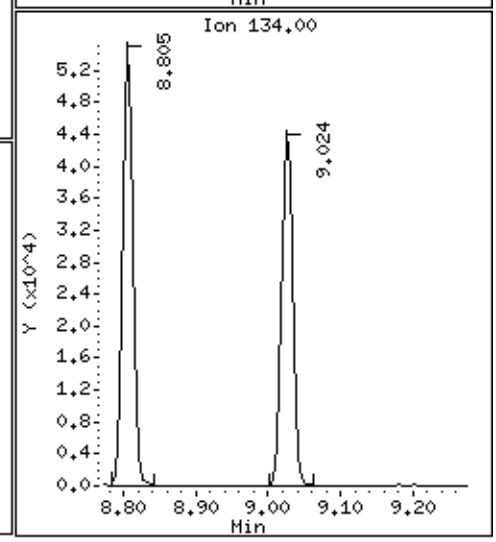












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

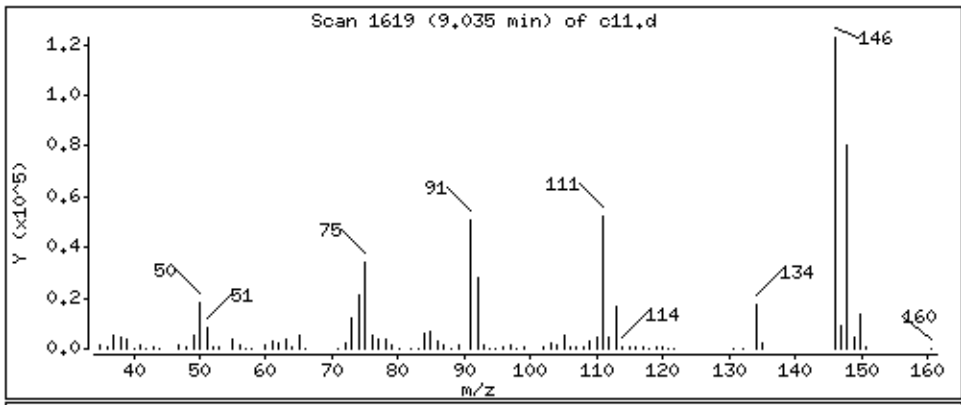
Column phase: DB-624

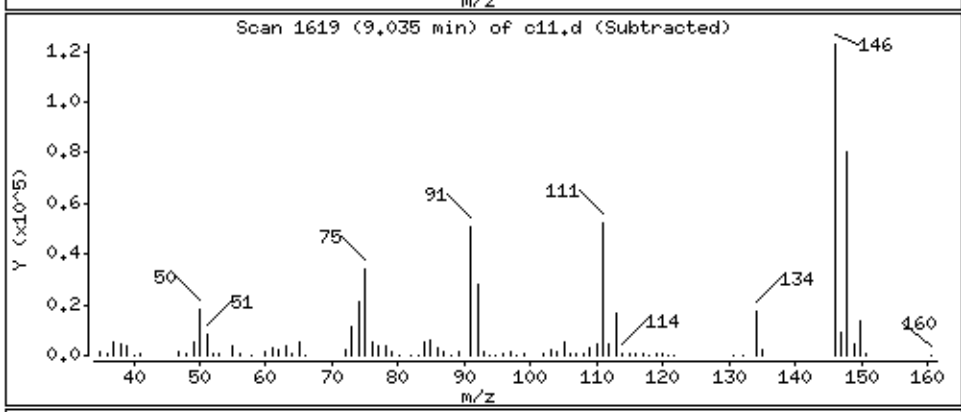
Column diameter: 0.18

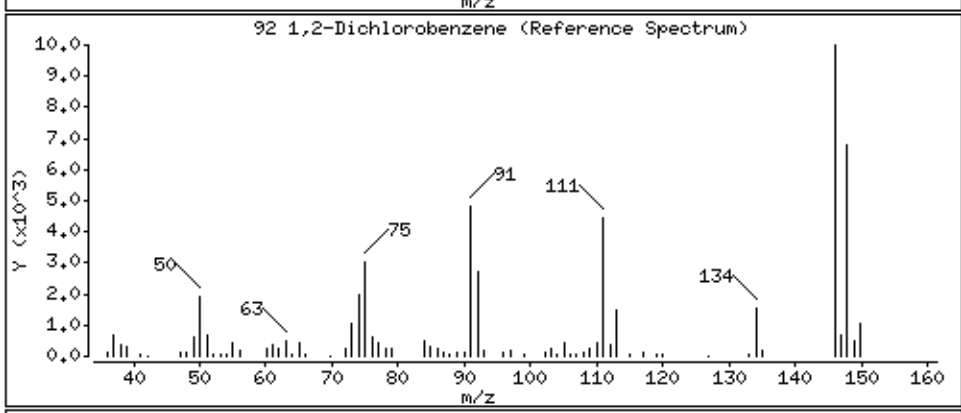
92 1,2-Dichlorobenzene

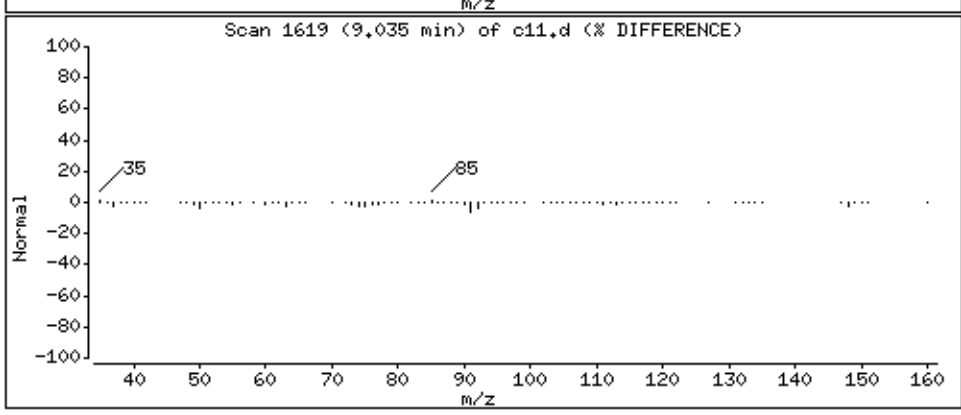
Concentration: 28.3 ppb

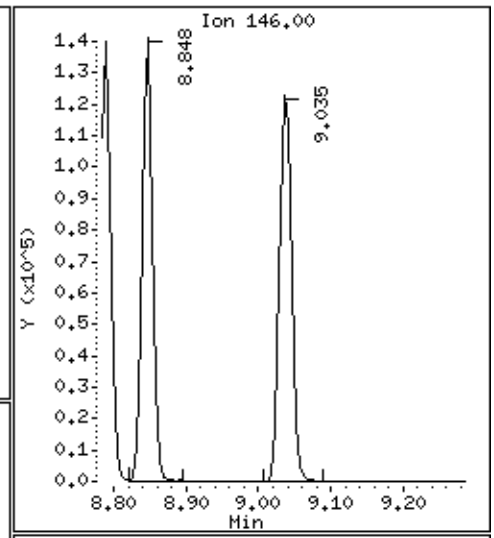
Review Code:

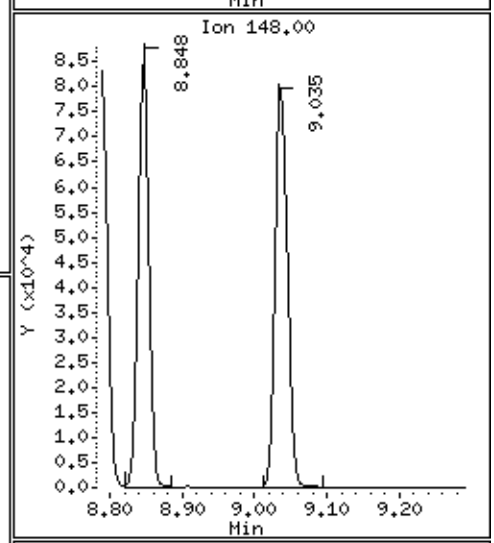


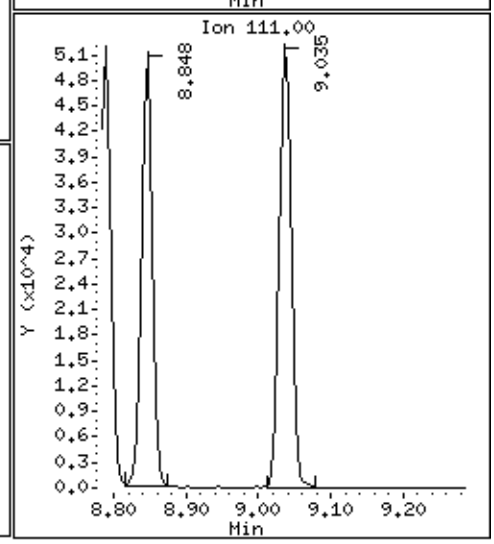












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

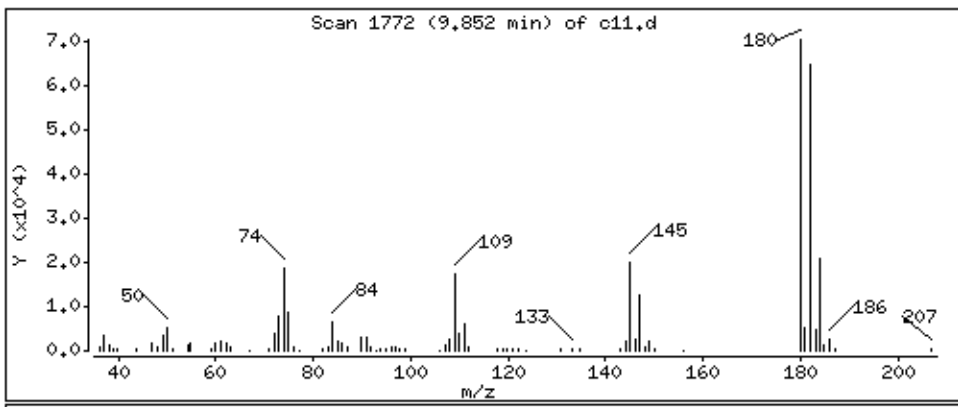
Column phase: DB-624

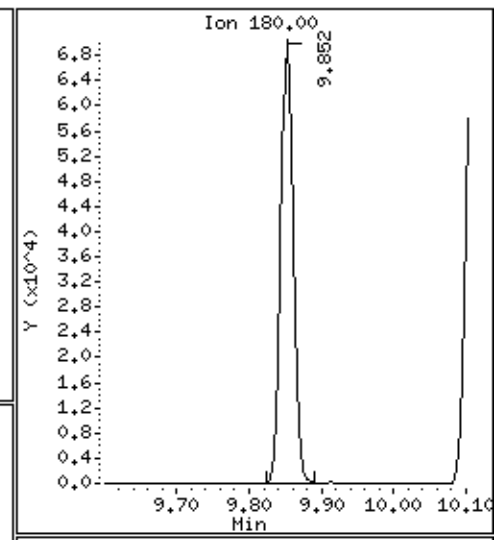
Column diameter: 0.18

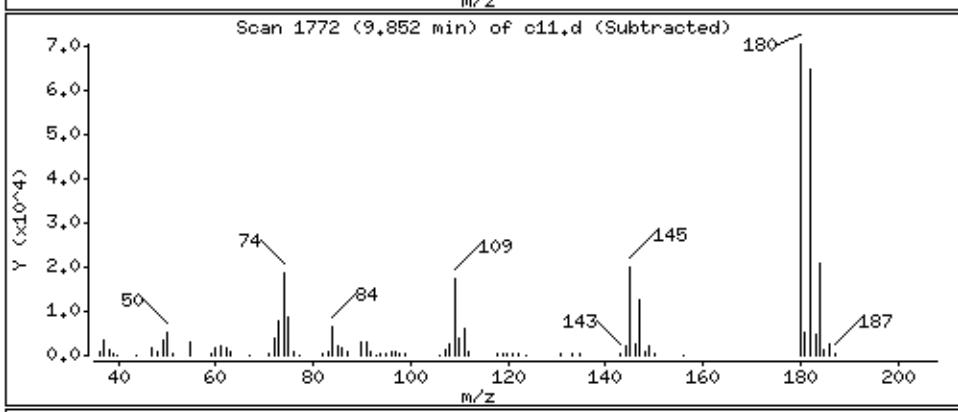
93 1,2,4-Trichlorobenzene

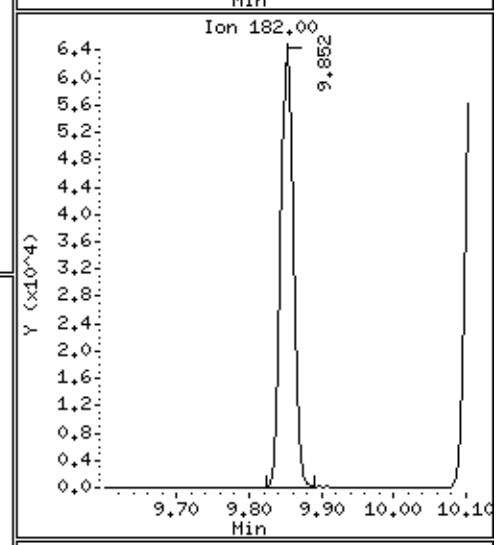
Concentration: 23.8 ppb

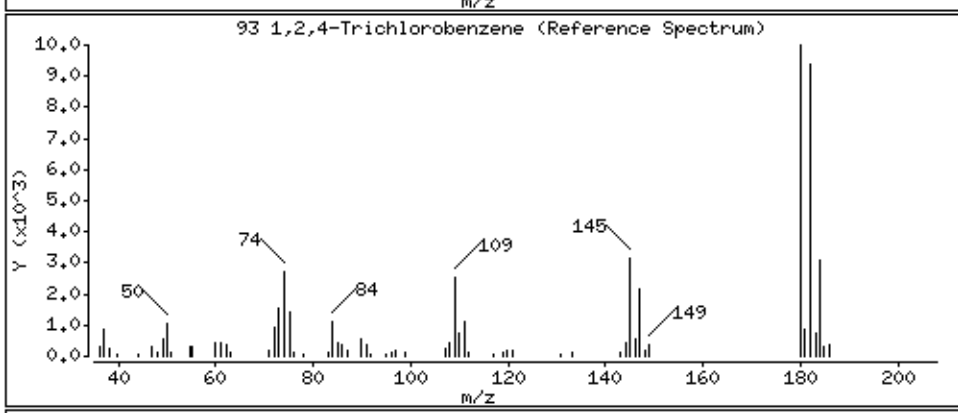
Review Code:

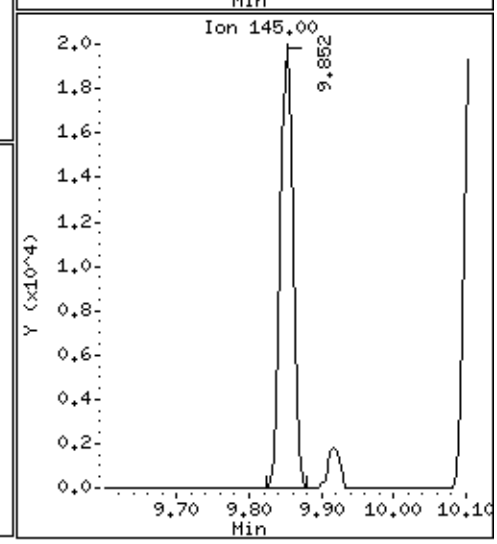


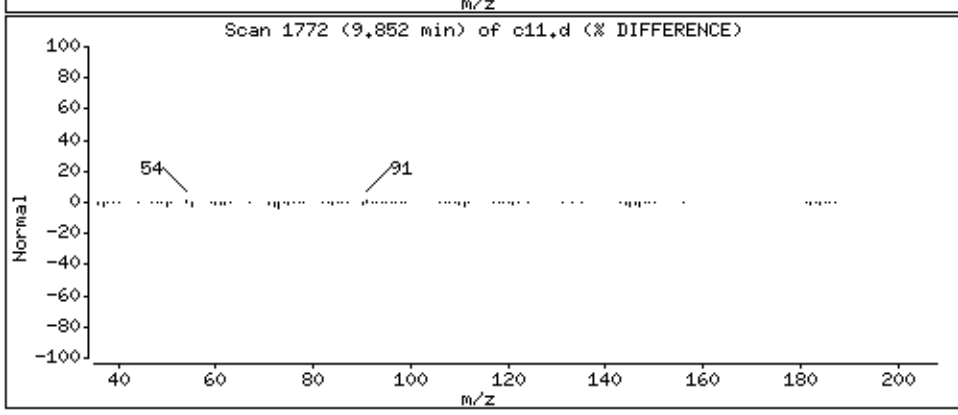












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Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

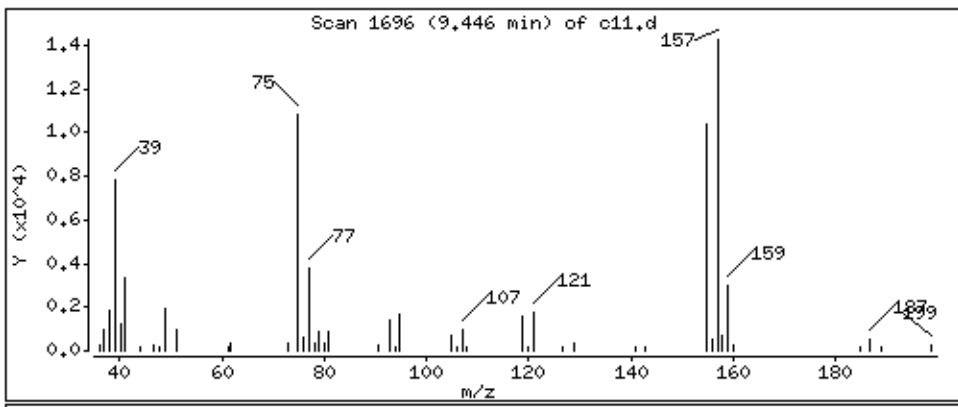
Column phase: DB-624

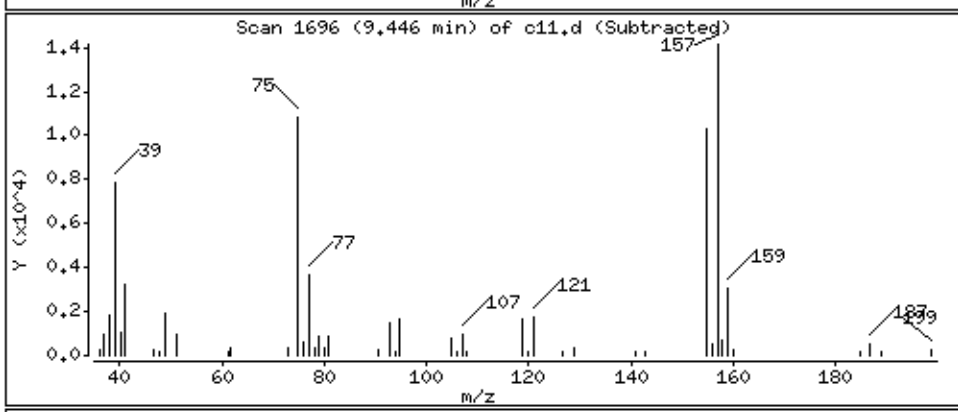
Column diameter: 0.18

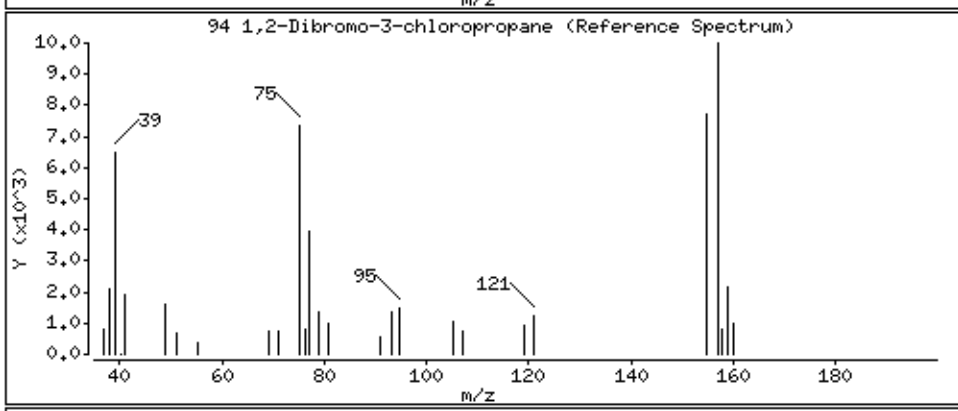
94 1,2-Dibromo-3-chloropropane

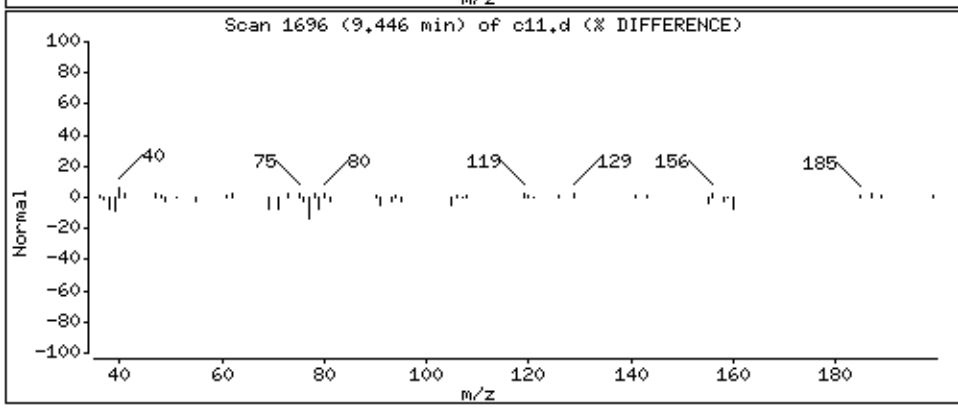
Concentration: 37.2 ppb

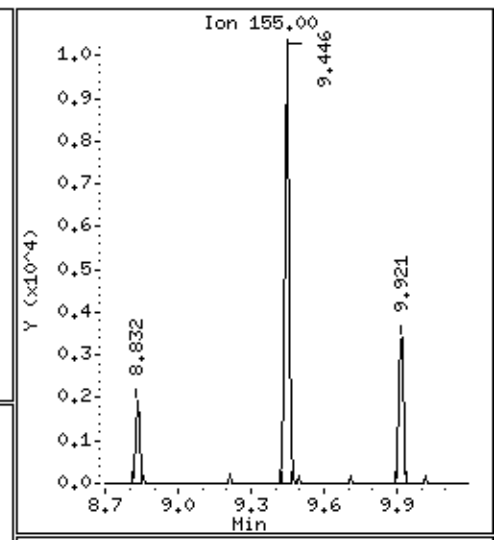
Review Code:

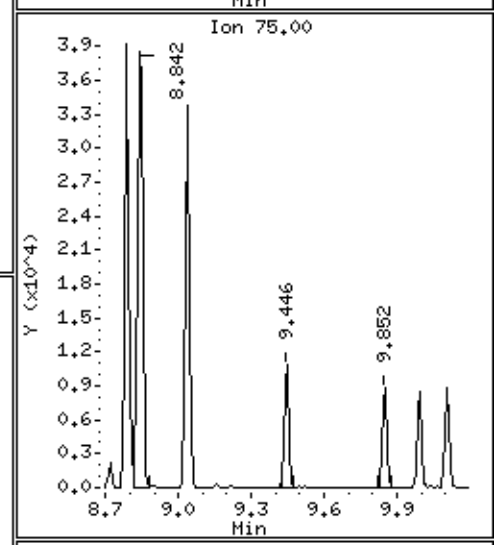


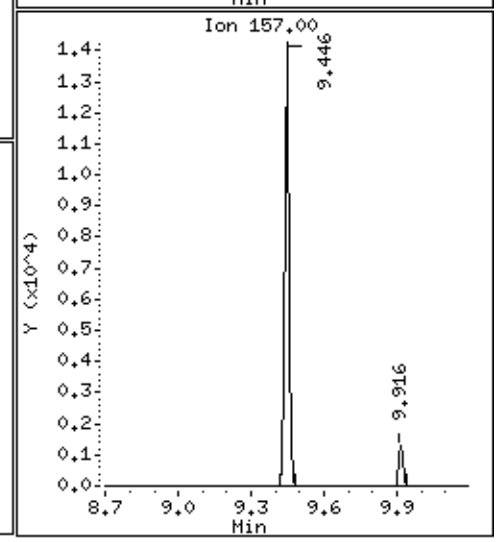












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

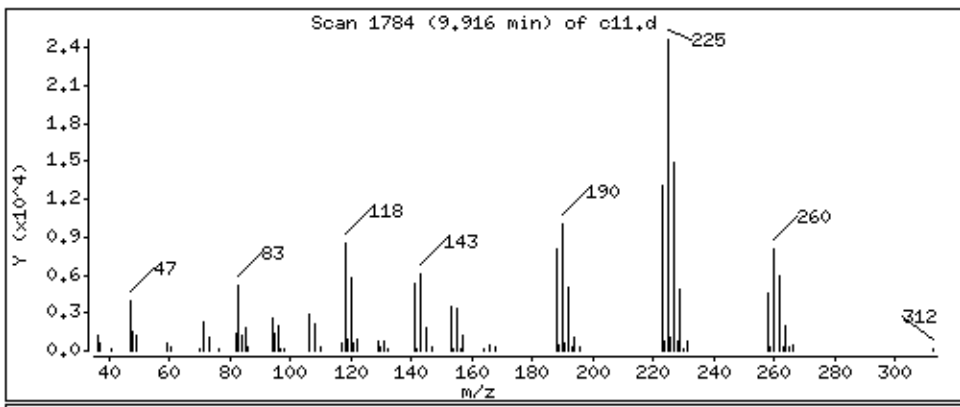
Column phase: DB-624

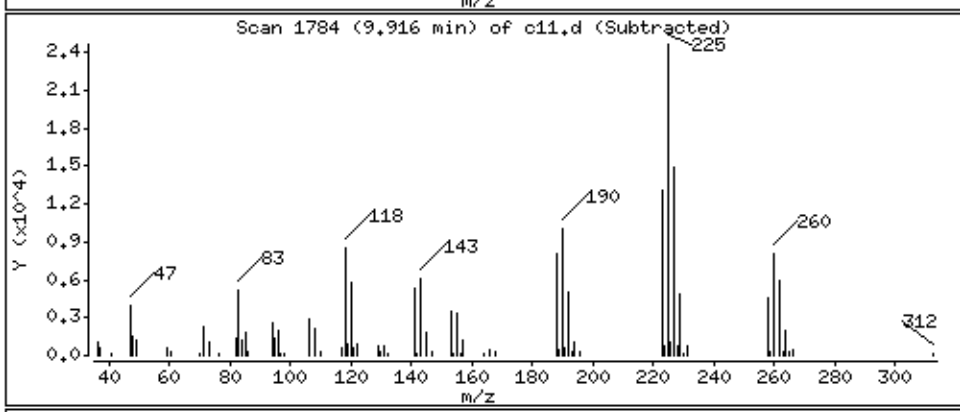
Column diameter: 0.18

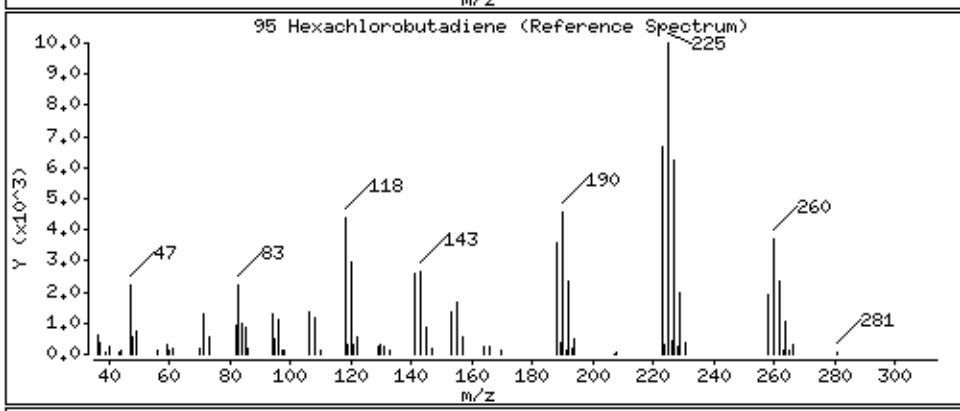
95 Hexachlorobutadiene

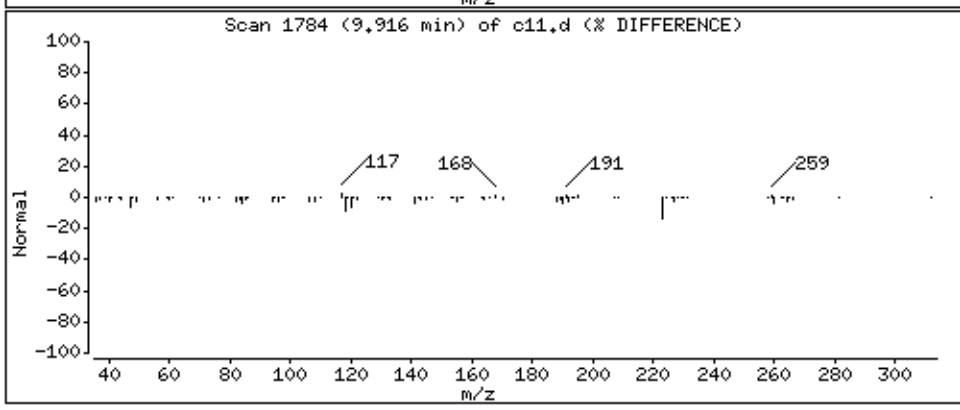
Concentration: 12.3 ppb

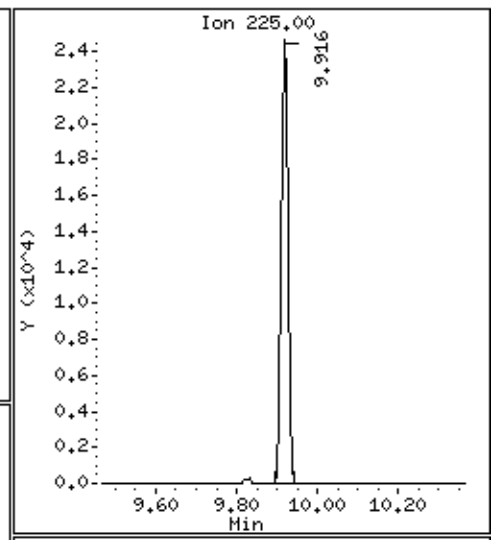
Review Code:

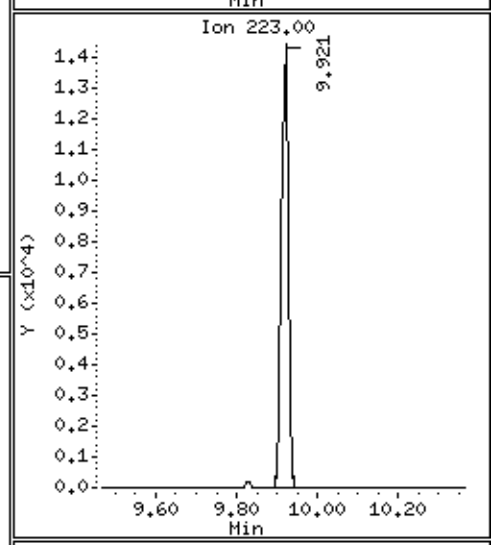


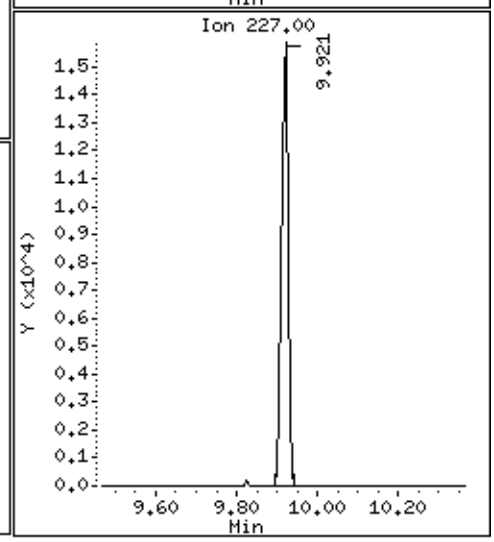












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

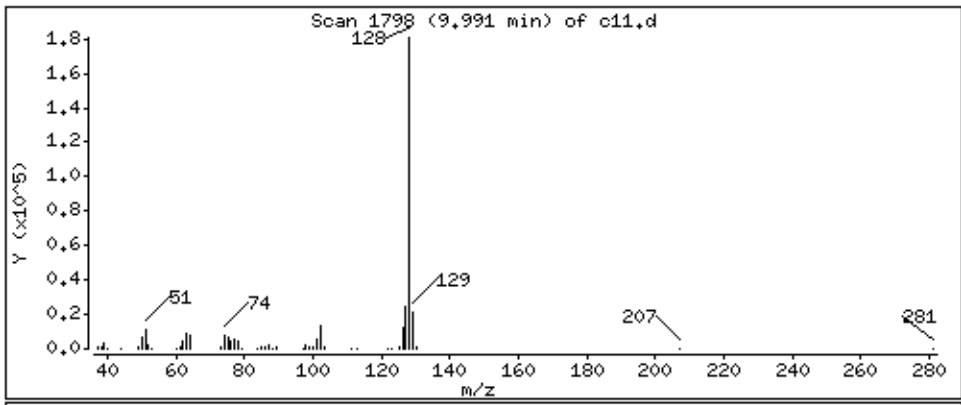
Column phase: DB-624

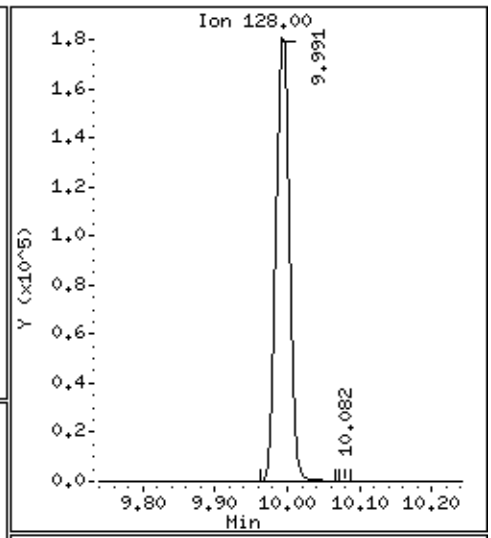
Column diameter: 0.18

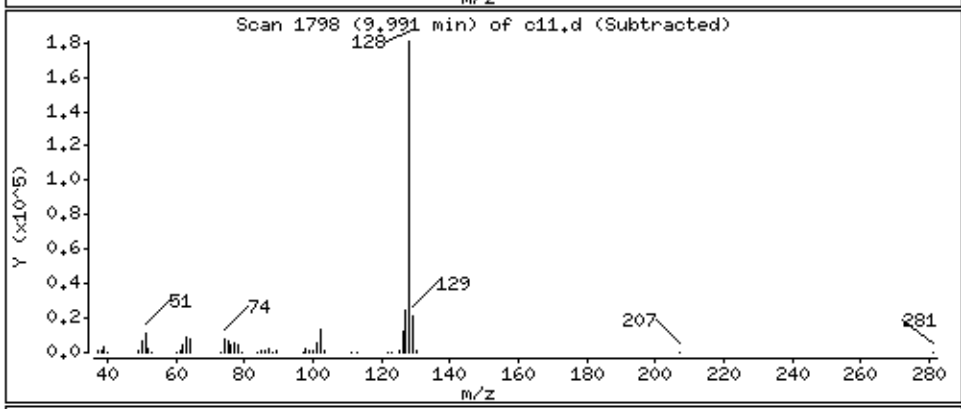
96 Naphthalene

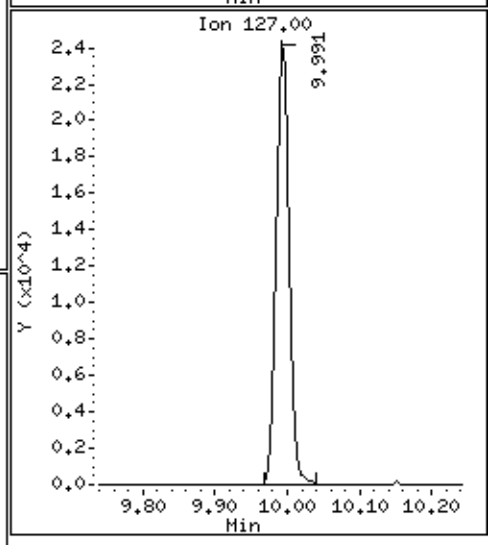
Concentration: 32.9 ppb

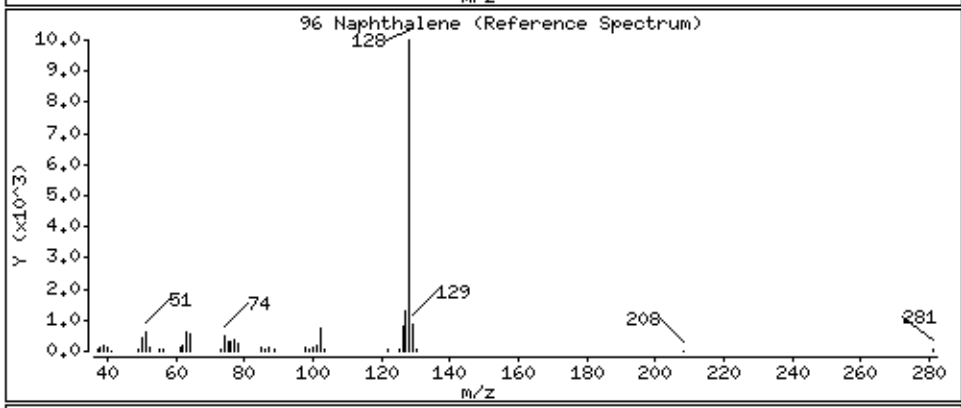
Review Code:

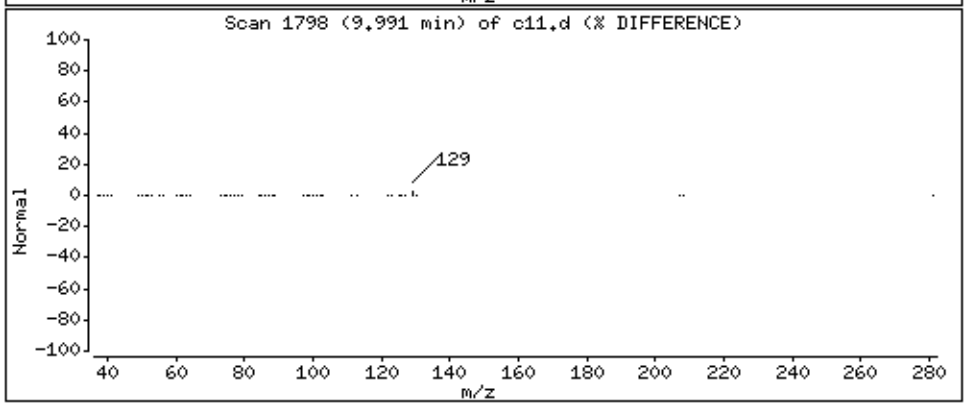












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

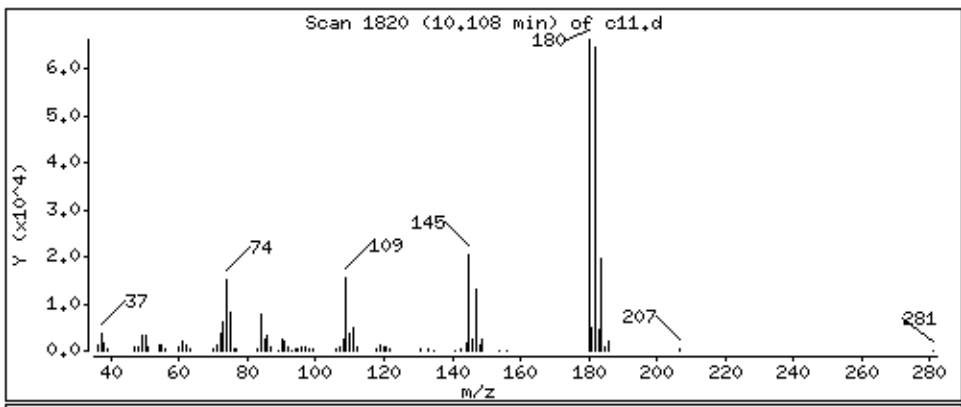
Column phase: DB-624

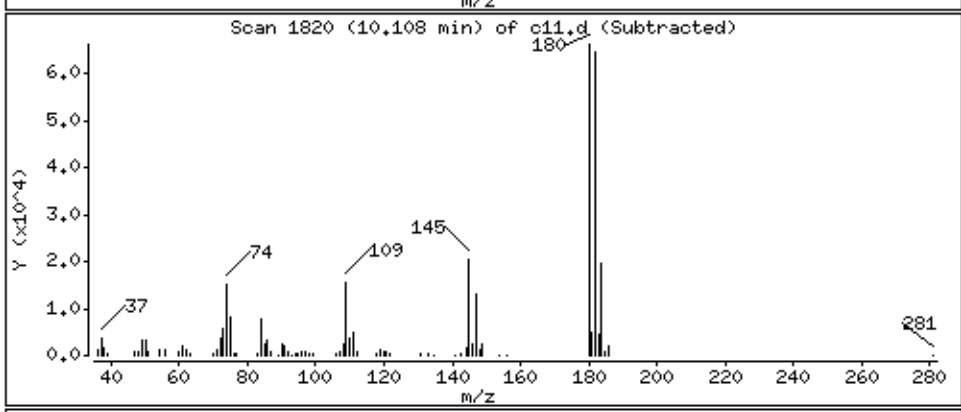
Column diameter: 0.18

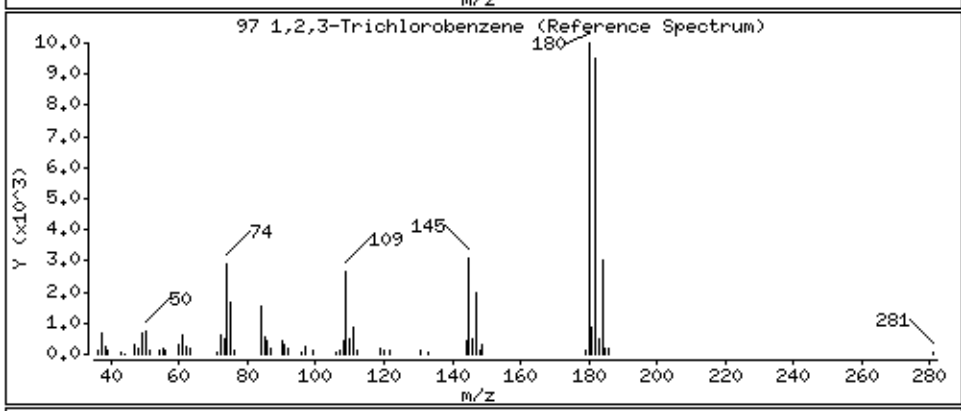
97 1,2,3-Trichlorobenzene

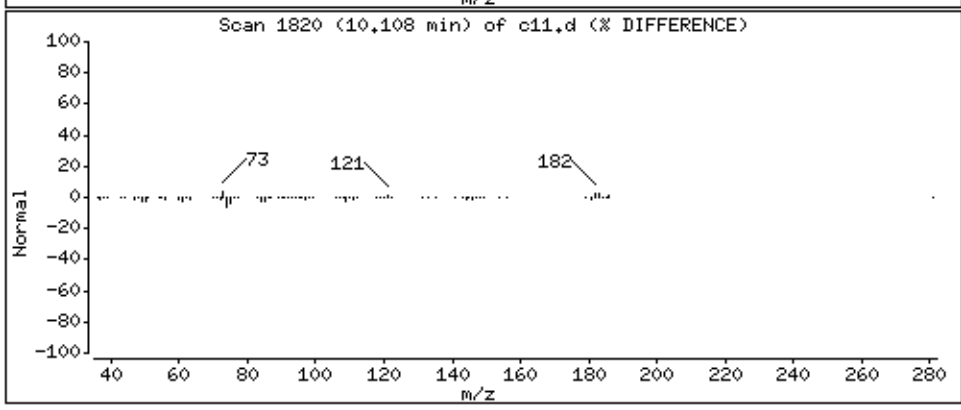
Concentration: 26.2 ppb

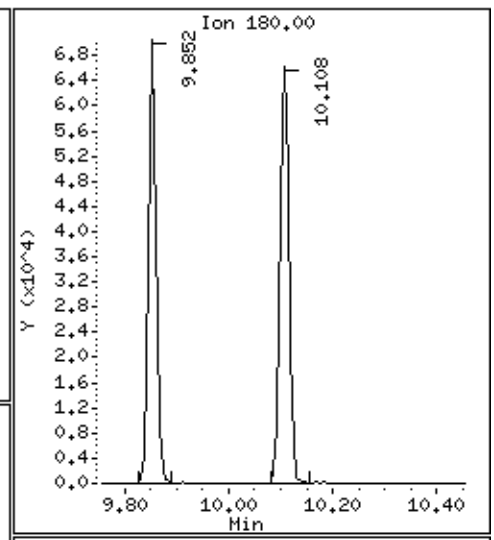
Review Code:

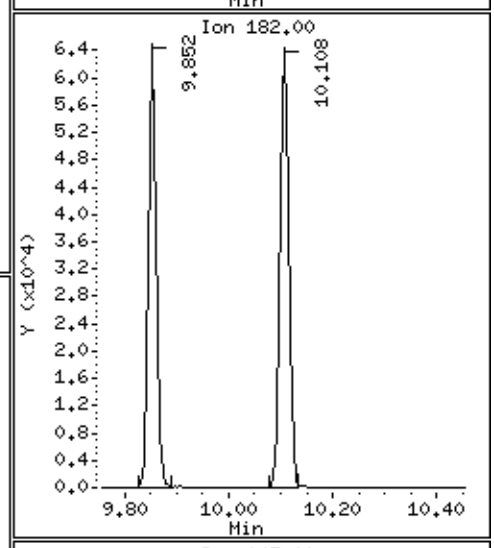


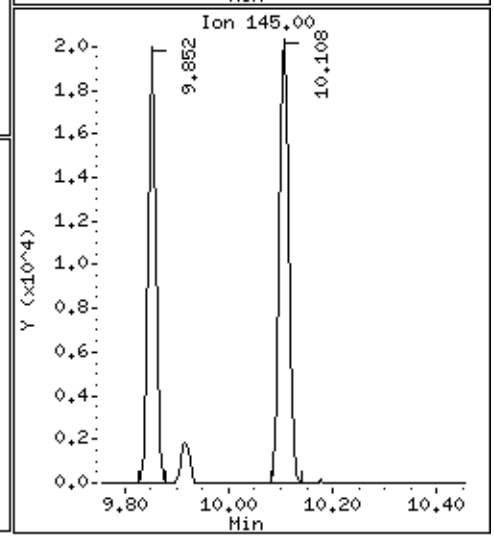












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

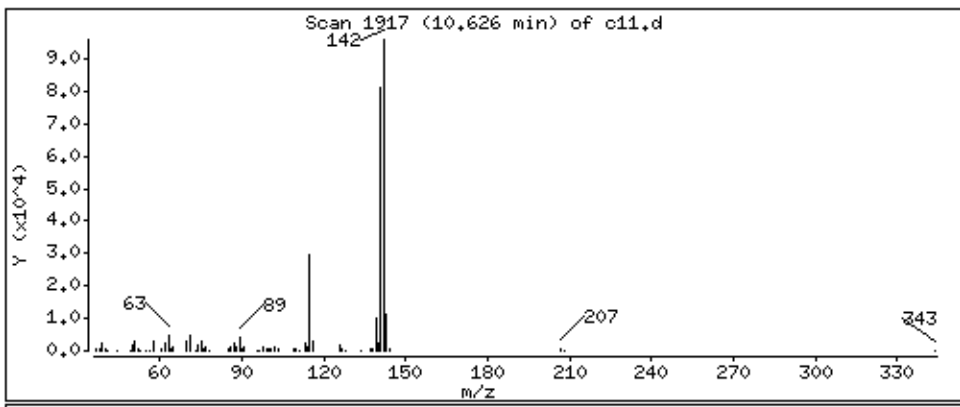
Column phase: DB-624

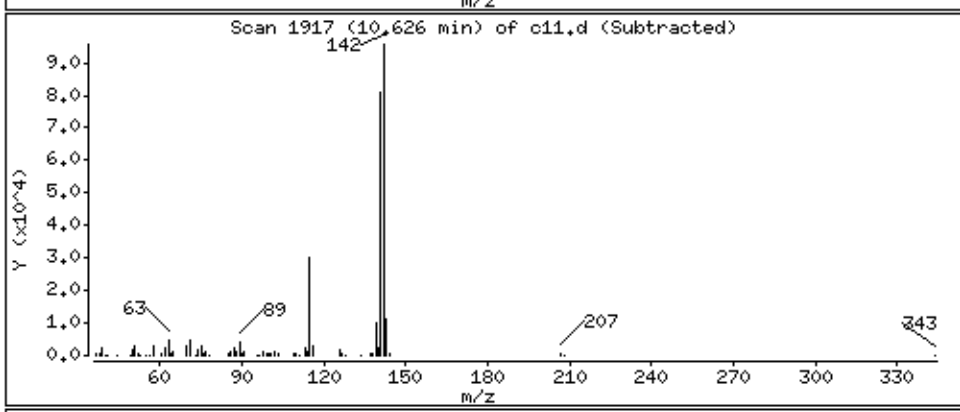
Column diameter: 0.18

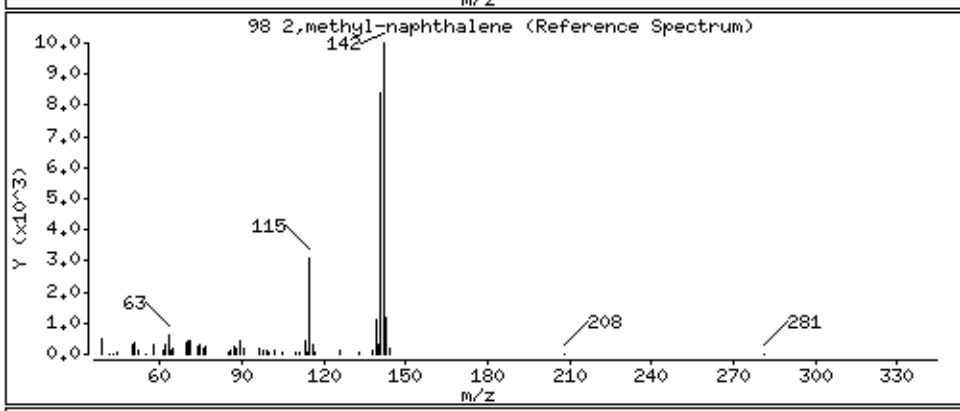
98 2,methyl-naphthalene

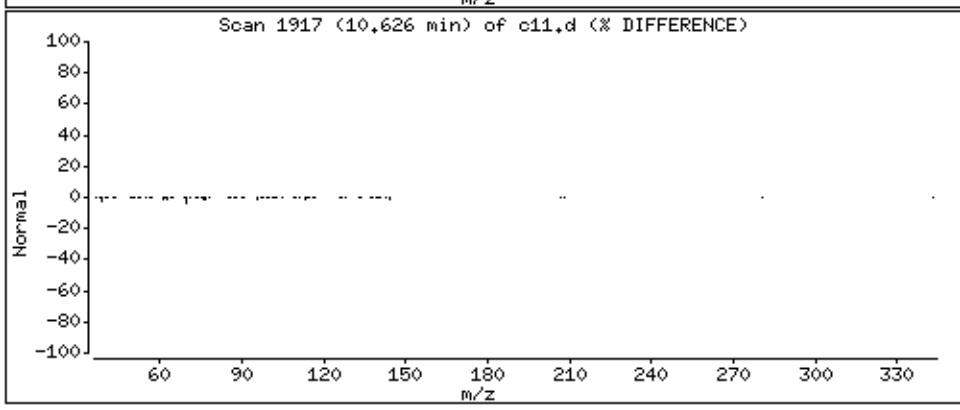
Concentration: 32.1 ppb

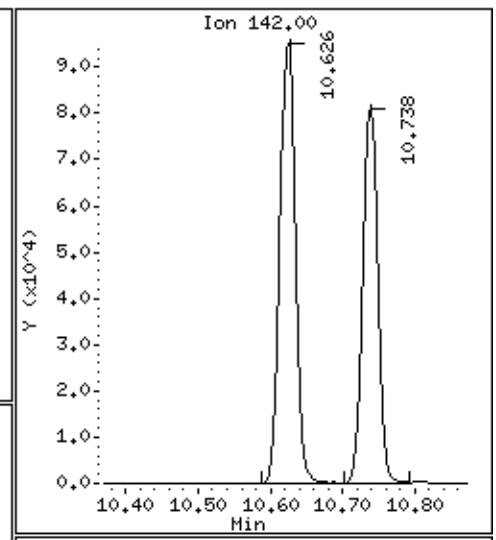
Review Code:

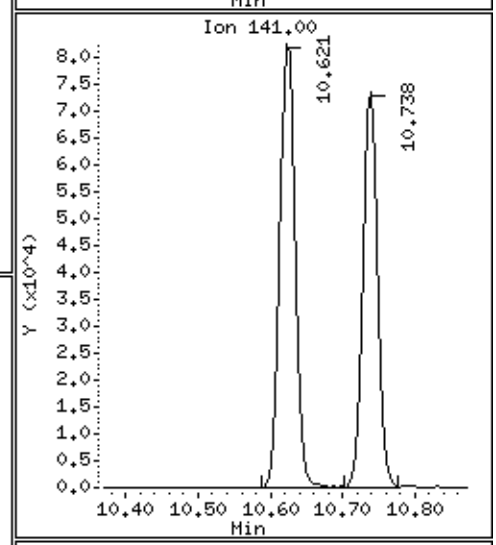


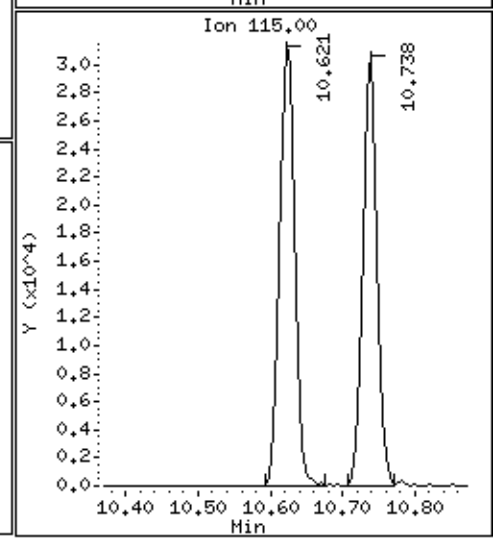












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c11.d

Date : 06-OCT-2017 03:44

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882365,159793:5

Purge Volume: 5.0

Operator: jlz

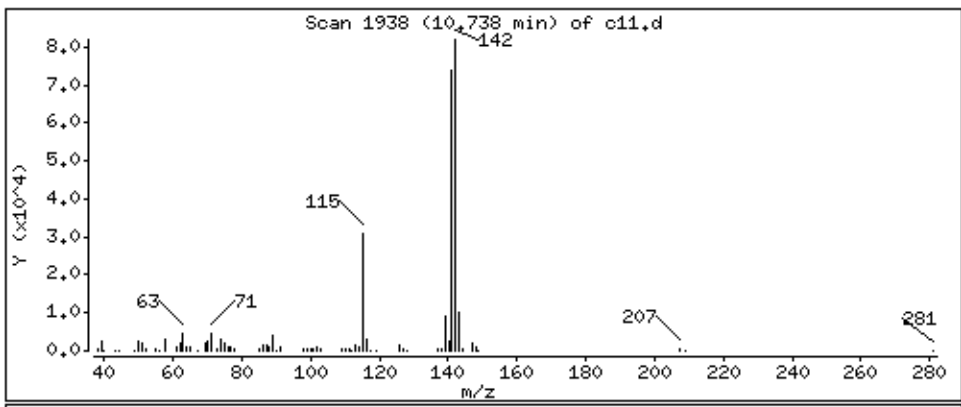
Column phase: DB-624

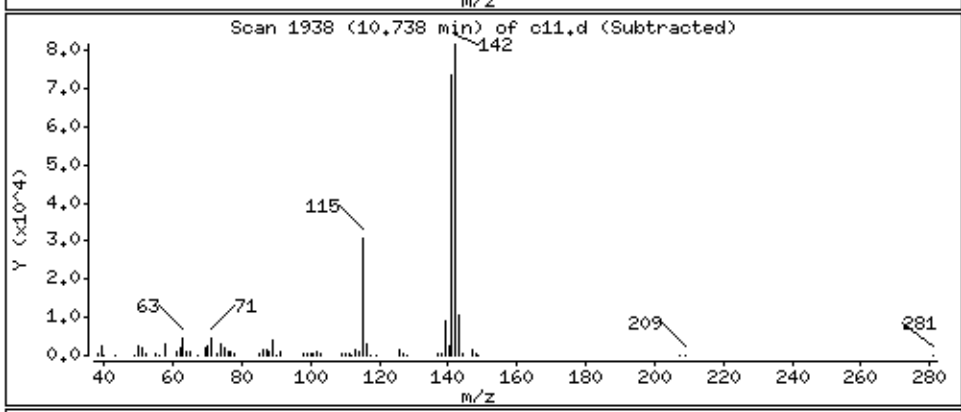
Column diameter: 0.18

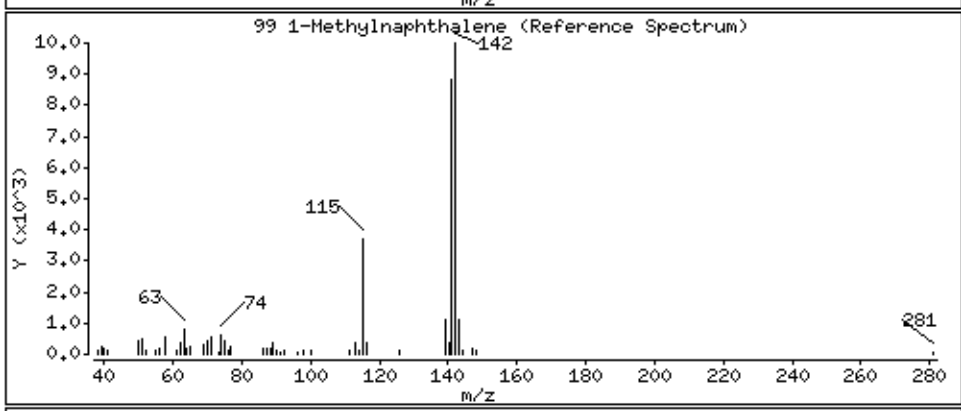
99 1-Methylnaphthalene

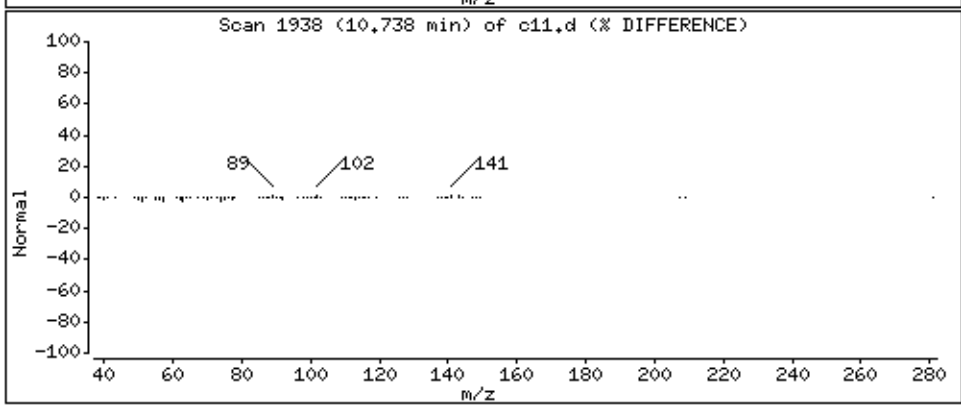
Concentration: 35.8 ppb

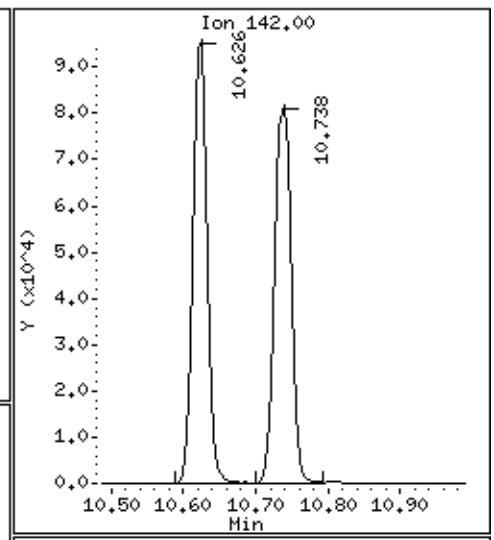
Review Code:

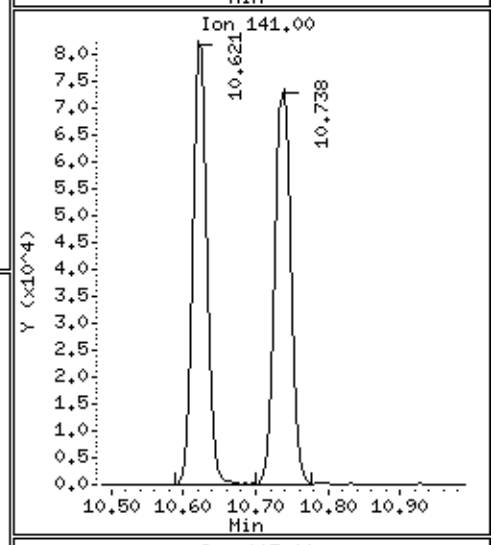


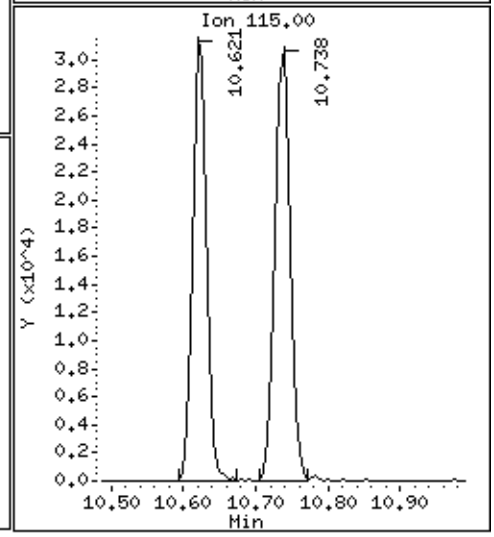












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c11.d
Injection Date: 06-OCT-2017 03:44
Instrument: 50mv3a.i
Lab Sample ID: 1882365
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MSD

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:16 Lab Sample ID: 1882366

Date Analyzed: 10/06/2017 04:16 Lab File ID: A100517.B\C12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	269	
71-43-2	Benzene	40.6	
75-27-4	Bromodichloromethane	39.9	
75-25-2	Bromoform	42.1	
74-83-9	Bromomethane	55.6	
78-93-3	2-Butanone (MEK)	267	
75-15-0	Carbon disulfide	34.2	
56-23-5	Carbon tetrachloride	37.2	
108-90-7	Chlorobenzene	33.1	
75-00-3	Chloroethane	42.4	
67-66-3	Chloroform	41.2	
74-87-3	Chloromethane	41.1	
110-82-7	Cyclohexane	37.1	J
96-12-8	1,2-Dibromo-3-chloropropane	45.2	
124-48-1	Dibromochloromethane	45.0	
106-93-4	1,2-Dibromoethane (EDB)	46.6	
95-50-1	1,2-Dichlorobenzene	28.1	
541-73-1	1,3-Dichlorobenzene	24.1	
106-46-7	1,4-Dichlorobenzene	23.6	
75-71-8	Dichlorodifluoromethane	54.0	
75-34-3	1,1-Dichloroethane	39.4	
107-06-2	1,2-Dichloroethane	39.7	
75-35-4	1,1-Dichloroethene	40.7	
156-59-2	cis-1,2-Dichloroethene	41.1	
156-60-5	trans-1,2-Dichloroethene	39.9	
78-87-5	1,2-Dichloropropane	40.6	
10061-01-5	cis-1,3-Dichloropropene	38.3	
10061-02-6	trans-1,3-Dichloropropene	37.9	
100-41-4	Ethylbenzene	27.4	
591-78-6	2-Hexanone	244	
98-82-8	Isopropylbenzene (Cumene)	25.0	
79-20-9	Methyl acetate	81.3	
108-87-2	Methylcyclohexane	35.5	J
75-09-2	Methylene Chloride	39.6	
108-10-1	4-Methyl-2-pentanone (MIBK)	224	
1634-04-4	Methyl-tert-butyl ether	44.9	
100-42-5	Styrene	27.7	

SAMPLE NO.

MSD

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:16 Lab Sample ID: 1882366

Date Analyzed: 10/06/2017 04:16 Lab File ID: A100517.B\C12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	43.1	
127-18-4	Tetrachloroethene	30.0	
108-88-3	Toluene	33.9	
120-82-1	1,2,4-Trichlorobenzene	22.3	
71-55-6	1,1,1-Trichloroethane	38.2	
79-00-5	1,1,2-Trichloroethane	44.3	
79-01-6	Trichloroethene	35.5	
75-69-4	Trichlorofluoromethane	48.4	
76-13-1	1,1,2-Trichlorotrifluoroethane	42.1	
75-01-4	Vinyl chloride	45.4	
1330-20-7	Xylene (Total)	82.0	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d
Lab Smp Id: 1882366 Client Smp ID: MW-0503-S1 (0-2717)
Inj Date : 06-OCT-2017 04:16
Operator : jlz Inst ID: 50mv3a.i
Smp Info : 1882366,159793:5
Misc Info : 107332
Comment :
Method : \\192.168.50.6\chem\50mv3a.i\a100517.b\-a8260_a_c.m
Meth Date : 06-Oct-2017 10:39 50mv3a.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:17 Cal File: a08cal.d
Als bottle: 71 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.905	0.905	(0.218)	229355	54.0156	54.0	
2	Chloromethane	50	0.991	0.990	(0.239)	151192	41.0880	41.1	
3	Vinyl Chloride	62	1.033	1.033	(0.249)	249968	45.3842	45.4	
4	Bromomethane	94	1.177	1.177	(0.284)	114958	55.5804	55.6	
5	Chloroethane	64	1.220	1.225	(0.294)	138061	42.4428	42.4	
6	Trichlorofluoromethane	101	1.338	1.337	(0.322)	323727	48.3955	48.4	
7	Diethyl ether	74	1.461	1.460	(0.352)	105861	44.9693	45.0	
8	1,2-dichlorotrifluoroethane	67	1.477	1.476	(0.356)	238753	38.7280	38.7	
9	Acrolein	56	1.530	1.530	(0.369)	358663	973.466	973	
10	1,1,2trichlorotrifluoroethane	101	1.583	1.583	(0.381)	215899	42.1419	42.1	
11	1,1-Dichloroethene	96	1.589	1.588	(0.383)	173464	40.6562	40.6	
12	Acetone	43	1.599	1.599	(0.385)	144797	269.399	269	
13	Iodomethane	142	1.674	1.674	(0.403)	396927	104.599	104	
14	Carbon Disulfide	76	1.722	1.722	(0.415)	460622	34.1719	34.2	
15	Methyl Acetate	43	1.765	1.765	(0.425)	129994	81.3464	81.3	
16	allyl chloride	41	1.781	1.781	(0.429)	563903	89.4622	89.5	
17	Acetonitrile	39	1.781	1.781	(0.429)	366052	40.2639	40.3	
18	Methylene Chloride	84	1.856	1.856	(0.447)	167190	39.6116	39.6	
19	Acrylonitrile	53	1.989	1.989	(0.479)	131635	188.894	189	
20	Methyl-tert-butyl ether	73	2.016	2.016	(0.486)	471527	44.9090	44.9	
21	tert-Butyl Alcohol	59	1.899	1.893	(0.457)	23347	81.5468	81.5(Q)	
22	1,2-Dichloroethene (trans)	96	2.027	2.026	(0.488)	182328	39.8984	39.9	
23	n-Hexane	57	2.214	2.213	(0.533)	339978	36.1599	36.2	

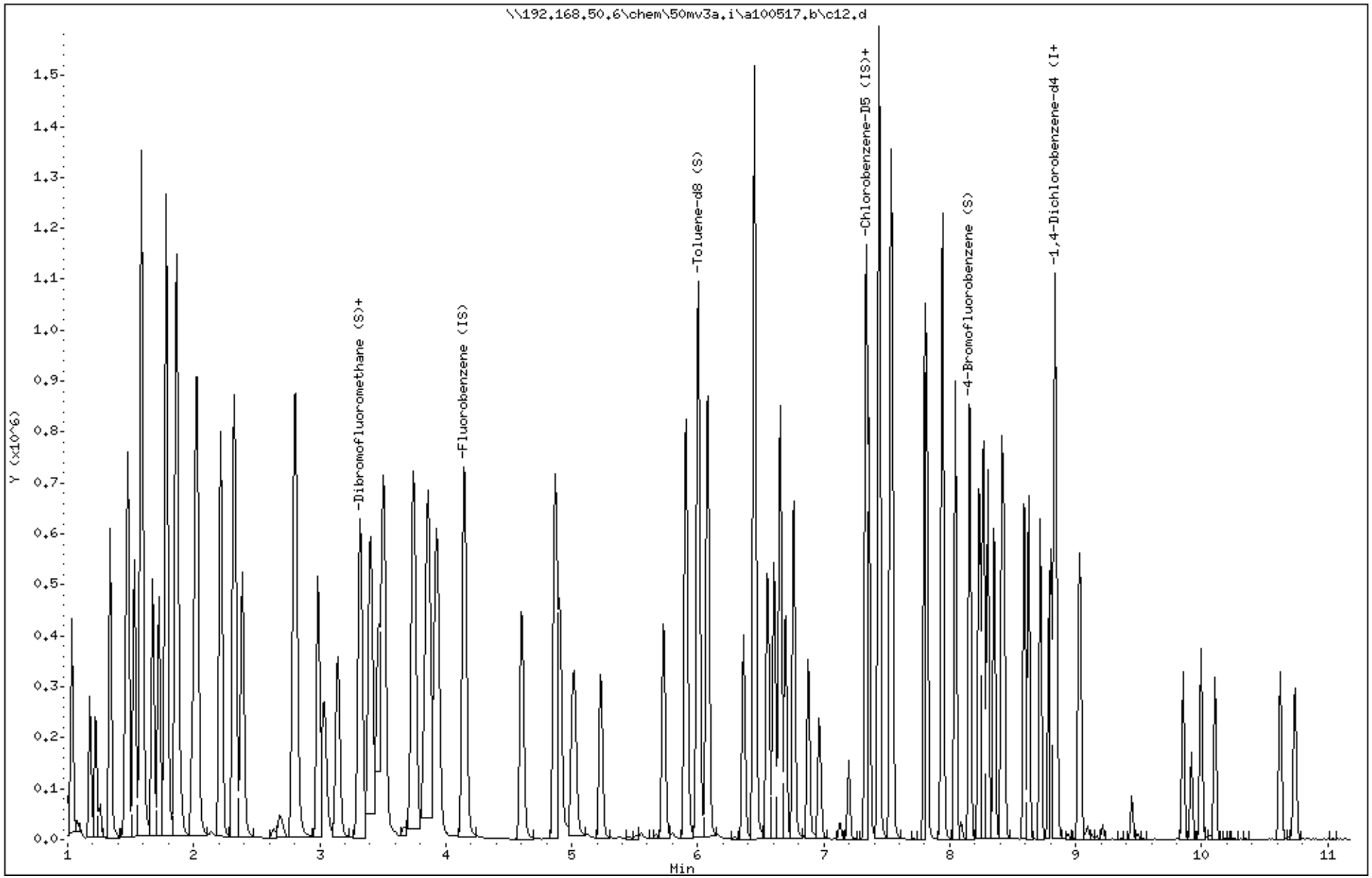
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.320	2.320	(0.559)	810928	128.822	129(R)	
	25 1,1-Dichloroethane	63	2.331	2.331	(0.561)	325570	39.3628	39.4	
	26 Chloroprene	53	2.385	2.384	(0.574)	276682	33.9993	34.0	
	27 2-Butanone	72	2.785	2.785	(0.671)	65978	266.821	267(Q)	
	28 1,2-Dichloroethene (cis)	96	2.807	2.806	(0.676)	198469	41.0739	41.1(Q)	
	29 2,2-Dichloropropane	77	2.807	2.806	(0.676)	258630	34.4422	34.4	
	30 Propionitrile	54	2.839	2.849	(0.684)	11622	45.3252	45.3(Q)	
	31 Methacrylonitrile	41	2.988	2.988	(0.720)	291412	181.793	182	
	32 Bromochloromethane	49	3.036	3.036	(0.731)	108769	36.8961	36.9	
	33 Tetrahydrofuran	42	3.052	3.057	(0.735)	30461	42.7206	42.7	
	34 Chloroform	83	3.143	3.143	(0.757)	311972	41.1778	41.2	
$	35 Dibromofluoromethane (S)	113	3.319	3.319	(0.799)	173569	45.1495	45.1	
	36 1,1,1-Trichloroethane	97	3.319	3.319	(0.799)	286163	38.2257	38.2	
	37 Cyclohexane	56	3.405	3.404	(0.820)	322424	37.1291	37.1	
	38 n-Butyl chloride	56	3.469	3.463	(0.835)	366727	34.0119	34.0	
	39 Carbon Tetrachloride	117	3.501	3.506	(0.843)	237986	37.1826	37.2	
	40 1,1-Dichloropropene	75	3.506	3.511	(0.844)	244072	37.2379	37.2(R)	
	41 Benzene	78	3.747	3.746	(0.902)	706364	40.5997	40.6	
	42 1,2-Dichloroethane	62	3.832	3.832	(0.923)	188467	39.6527	39.6	
	43 2,2,4-Trimethylpentane	57	3.928	3.928	(0.946)	763637	41.2440	41.2	
	44 Isobutyl alcohol	43	3.859	3.864	(0.929)	969842	46.0955	46.1	
*	45 Fluorobenzene (IS)	96	4.152	4.152	(1.000)	778589	50.0000		
	46 Trichloroethene	95	4.606	4.606	(1.109)	160356	35.4718	35.5(R)	
	47 Methylcyclohexane	55	4.874	4.873	(1.174)	243376	35.4729	35.5(R)	
	48 1,2-Dichloropropane	63	4.906	4.911	(1.181)	169050	40.5946	40.6	
	49 Dibromomethane	93	5.007	5.007	(1.206)	79030	44.0309	44.0	
	50 1,4-Dioxane	88	5.012	5.007	(1.207)	19460	1203.21	1200	
	51 Methyl methacrylate	69	5.028	5.023	(1.211)	87674	44.7182	44.7	
	52 Bromodichloromethane	83	5.231	5.231	(1.260)	209040	39.9177	39.9	
	54 cis-1,3-Dichloropropene	75	5.728	5.728	(0.781)	236639	38.2771	38.3(R)	
	55 4-Methyl-2-Pentanone	43	5.904	5.904	(0.805)	505583	224.067	224	
$	56 Toluene-d8 (S)	98	6.006	6.006	(0.819)	687459	48.6635	48.7	
	57 Toluene	91	6.081	6.080	(0.829)	603267	33.9405	33.9(R)	
	58 trans-1,3-Dichloropropene	75	6.364	6.363	(0.867)	185974	37.9274	37.9	
	59 Ethyl Methacrylate	69	6.449	6.449	(0.879)	663513	177.465	177	
	60 1,1,2-Trichloroethane	83	6.551	6.550	(0.893)	100177	44.3377	44.3	
	61 Tetrachloroethene	166	6.604	6.604	(0.900)	136214	30.0272	30.0(R)	
	62 1,3-Dichloropropane	76	6.695	6.695	(0.913)	203220	45.8393	45.8	
	63 2-Hexanone	43	6.764	6.764	(0.922)	328616	244.399	244	
	64 Dibromochloromethane	129	6.876	6.876	(0.937)	141726	44.9544	45.0	
	65 1,2-Dibromoethane	107	6.962	6.962	(0.949)	111155	46.6151	46.6	
*	66 Chlorobenzene-D5 (IS)	117	7.336	7.335	(1.000)	470863	50.0000		
	67 Chlorobenzene	112	7.357	7.357	(1.003)	310328	33.1302	33.1(R)	
	68 1,1,1,2-Tetrachloroethane	131	7.432	7.432	(1.013)	137775	39.5638	39.6(R)	
	69 Ethylbenzene	106	7.437	7.437	(1.014)	167546	27.4317	27.4(R)	
	70 m&p-Xylene	106	7.539	7.538	(1.028)	374771	53.4018	53.4(R)	
	71 o-Xylene	106	7.800	7.800	(1.063)	180383	28.6038	28.6(R)	
	72 Styrene	104	7.816	7.816	(1.066)	307937	27.6737	27.7(R)	
	73 Bromoform	173	7.934	7.934	(0.898)	67281	42.0930	42.1	
	74 Isopropylbenzene	105	8.046	8.046	(1.097)	406726	24.9702	25.0(R)	
$	75 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	188902	48.7661	48.8	
	76 Bromobenzene	77	8.233	8.233	(1.122)	148112	29.5724	29.6(R)	
	77 1,1,2,2-Tetrachloroethane	83	8.249	8.249	(0.934)	104706	43.1295	43.1	
	78 trans-1,4-Dichloro-2-butene	53	8.265	8.265	(1.127)	82729	151.837	152(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	34551	47.9754	48.0(Q)	
80	n-Propylbenzene	91	8.302	8.302	(0.940)	348452	19.0546	19.0(R)	
81	2-Chlorotoluene	91	8.351	8.350	(0.946)	234667	22.4908	22.5(R)	
82	1,3,5-Trimethylbenzene	105	8.415	8.414	(0.953)	256718	20.7539	20.8(R)	
83	4-Chlorotoluene	126	8.425	8.425	(0.954)	75552	23.2534	23.2(R)	
84	tert-Butylbenzene	119	8.596	8.596	(0.973)	226438	16.1407	16.1(R)	
85	1,2,4-Trimethylbenzene	105	8.628	8.628	(0.977)	241020	20.4824	20.5(R)	
86	sec-Butylbenzene	105	8.719	8.719	(0.987)	268982	17.2752	17.3(R)	
87	1,3-Dichlorobenzene	146	8.789	8.788	(0.995)	133297	24.0876	24.1(R)	
88	p-Isopropyltoluene	119	8.805	8.804	(0.997)	190955	15.4128	15.4(R)	
* 89	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.831	(1.000)	168590	50.0000		
90	1,4-Dichlorobenzene	146	8.847	8.847	(1.002)	129244	23.6361	23.6(R)	
91	n-Butylbenzene	91	9.024	9.023	(1.022)	131326	12.2924	12.3(R)	
92	1,2-Dichlorobenzene	146	9.040	9.034	(1.024)	129153	28.1248	28.1(R)	
93	1,2,4-Trichlorobenzene	180	9.851	9.851	(1.115)	70864	22.3459	22.3(R)	
94	1,2-Dibromo-3-chloropropane	155	9.445	9.445	(1.070)	12919	45.1932	45.2	
95	Hexachlorobutadiene	225	9.915	9.915	(1.123)	22879	10.8622	10.9(R)	
96	Naphthalene	128	9.990	9.990	(1.131)	228376	35.3437	35.3	
97	1,2,3-Trichlorobenzene	180	10.108	10.107	(1.145)	76138	26.0057	26.0(R)	
98	2,methyl-naphthalene	142	10.620	10.620	(1.203)	142091	34.9596	35.0	
99	1-Methylnaphthalene	142	10.738	10.738	(1.216)	128947	38.9523	39.0	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d
Date : 06-OCT-2017 04:16
Client ID: MW-0503-S1 (0-2717)
Instrument: 50mv3a.i
Sample Info: 1882366,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

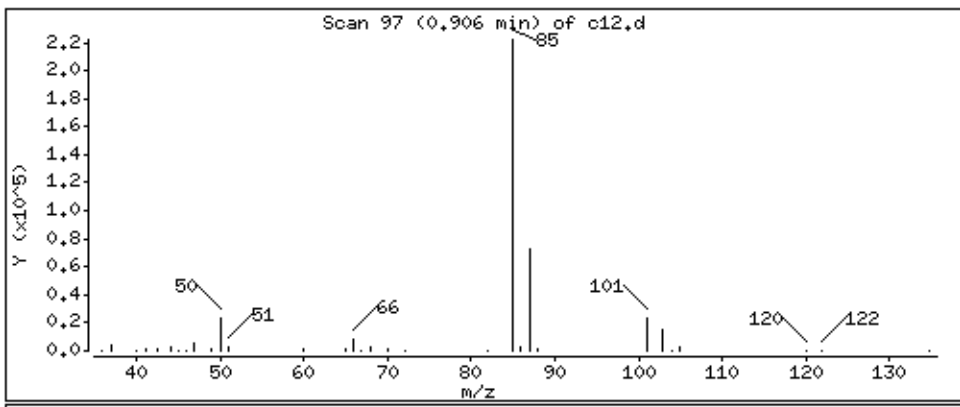
Column phase: DB-624

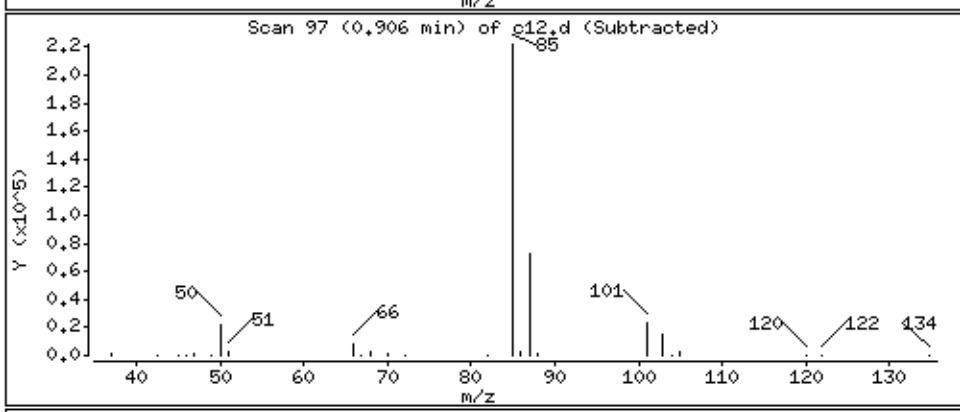
Column diameter: 0.18

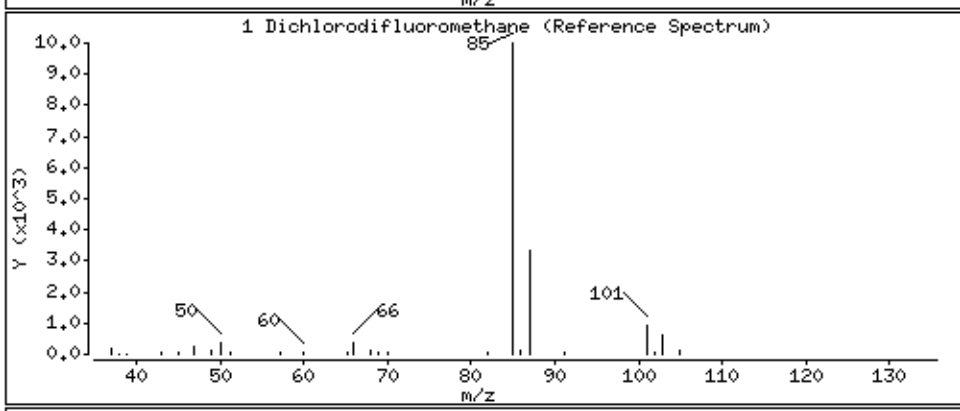
1 Dichlorodifluoromethane

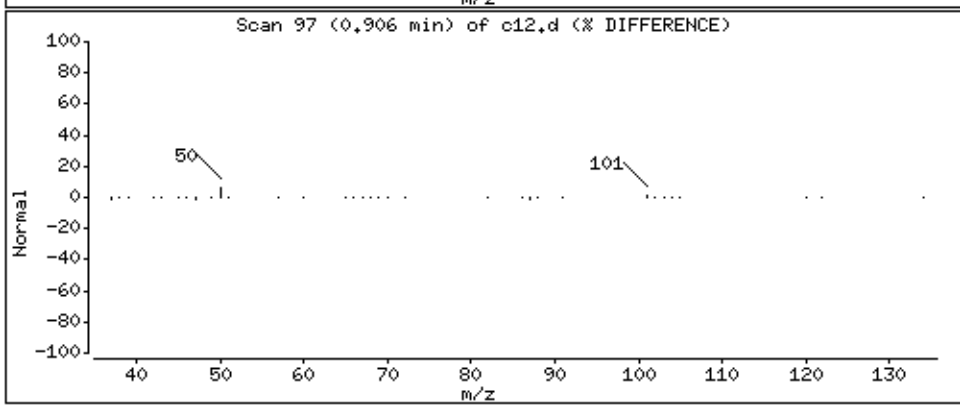
Concentration: 54.0 ppb

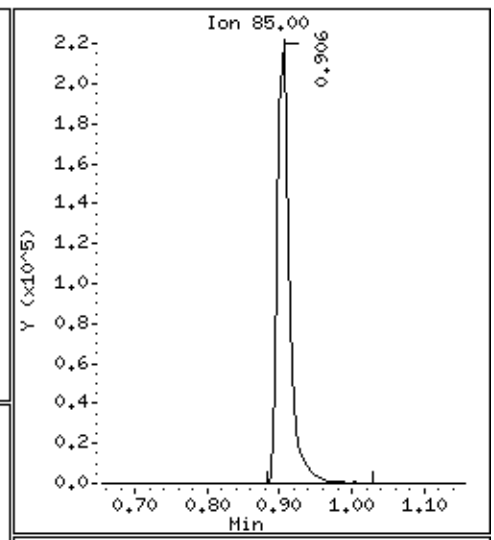
Review Code:

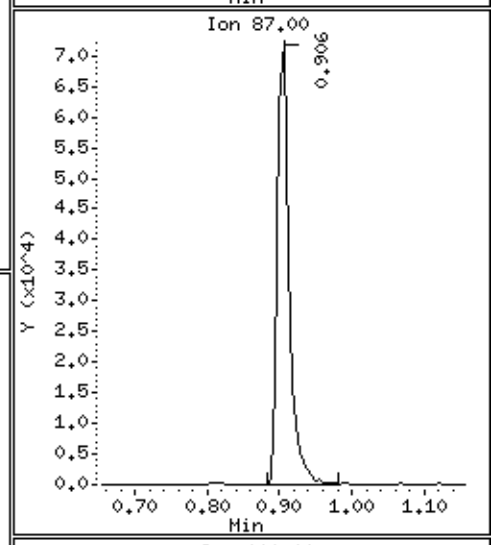


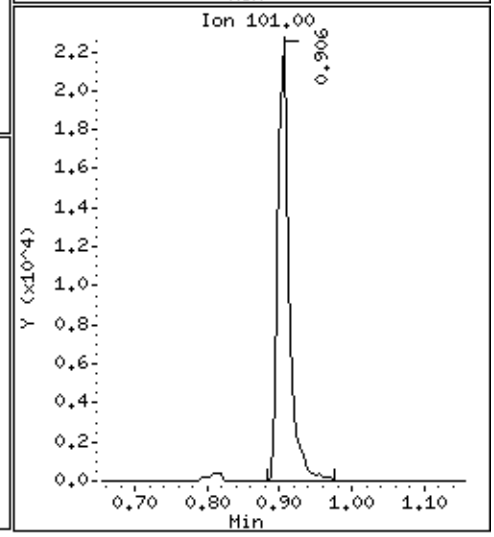












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

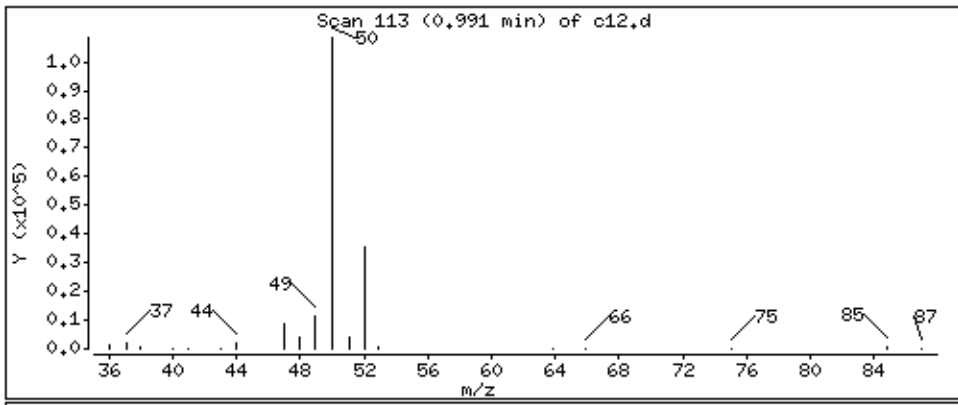
Column phase: DB-624

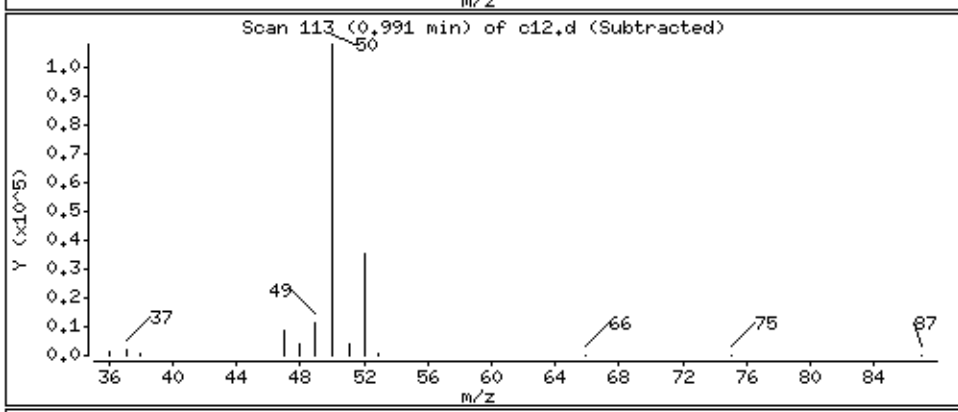
Column diameter: 0.18

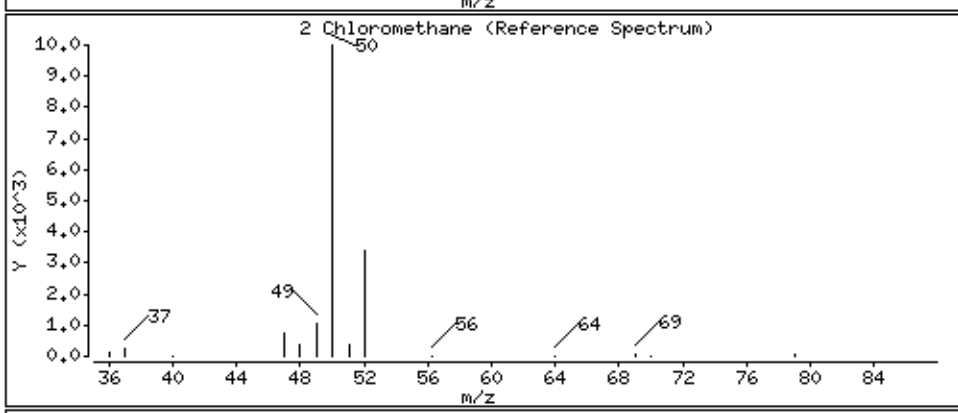
2 Chloromethane

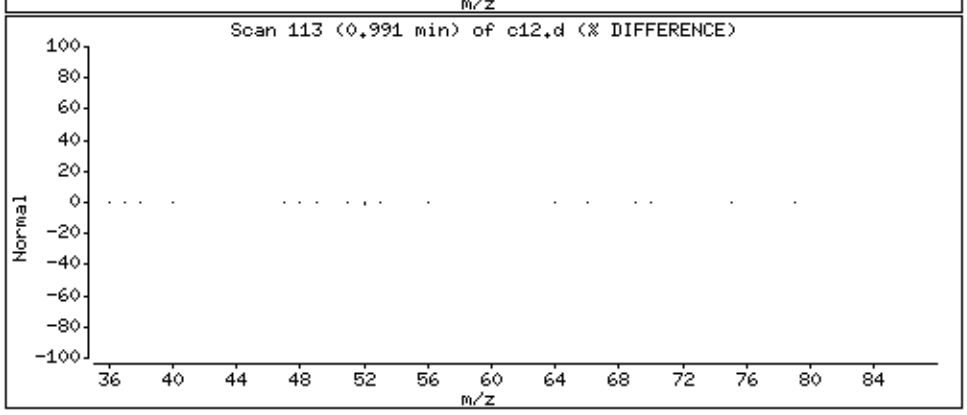
Concentration: 41.1 ppb

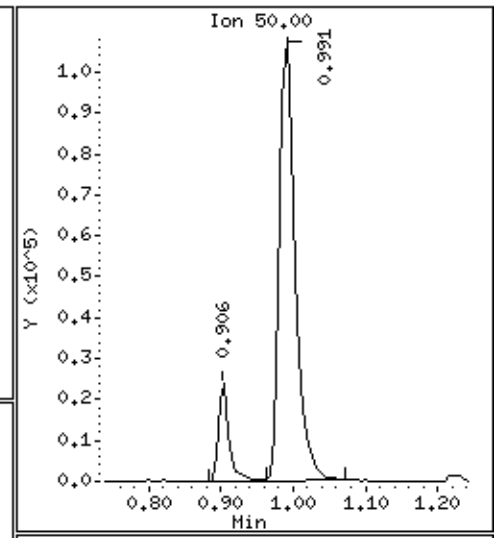
Review Code:

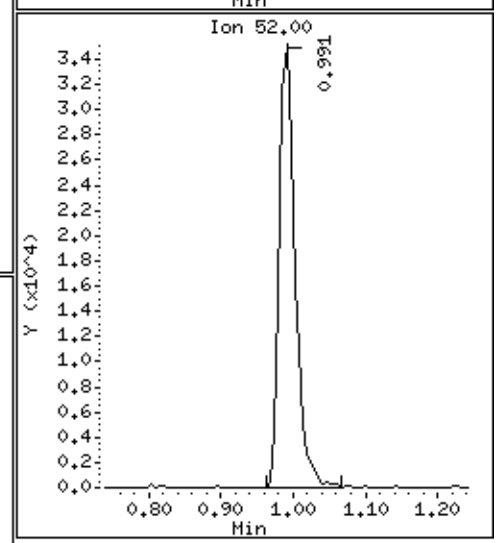












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

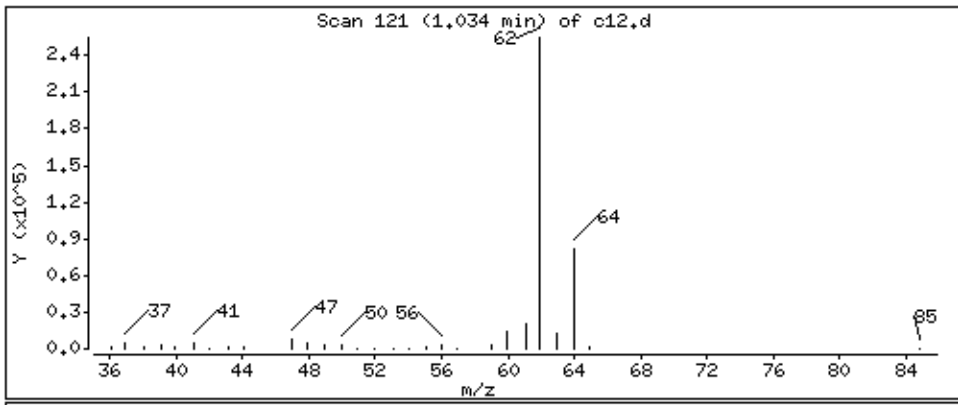
Column phase: DB-624

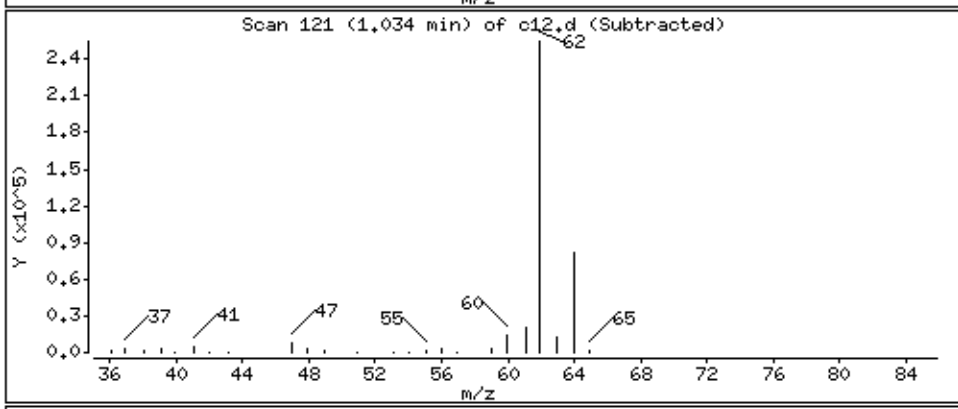
Column diameter: 0.18

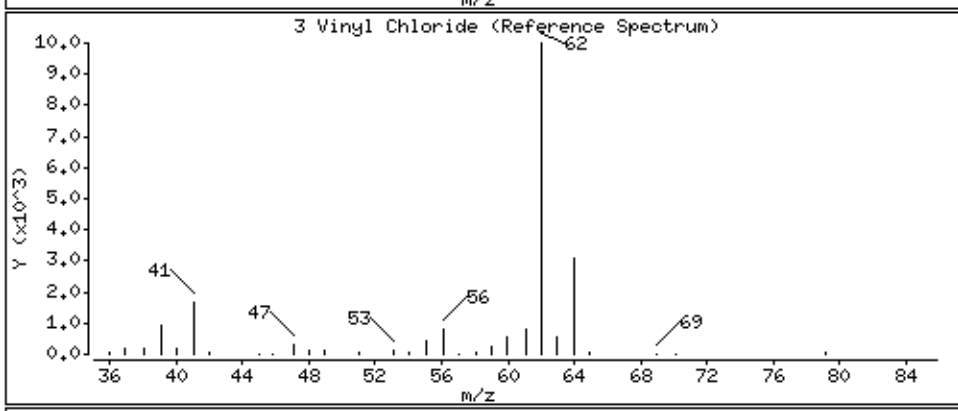
3 Vinyl Chloride

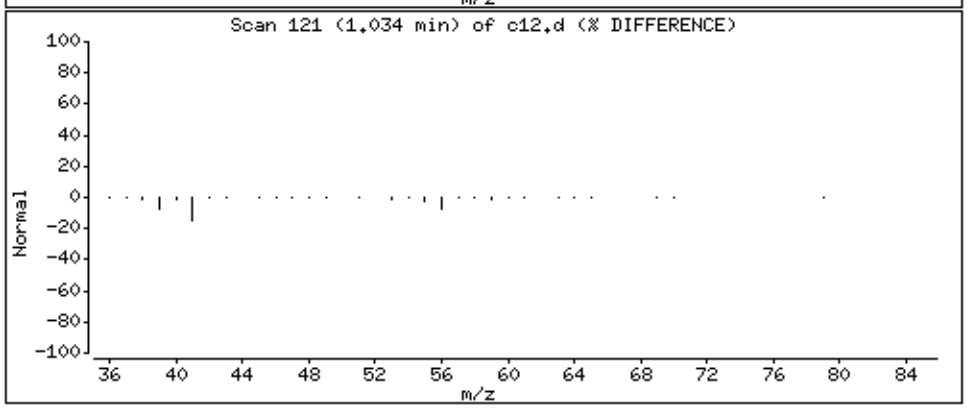
Concentration: 45.4 ppb

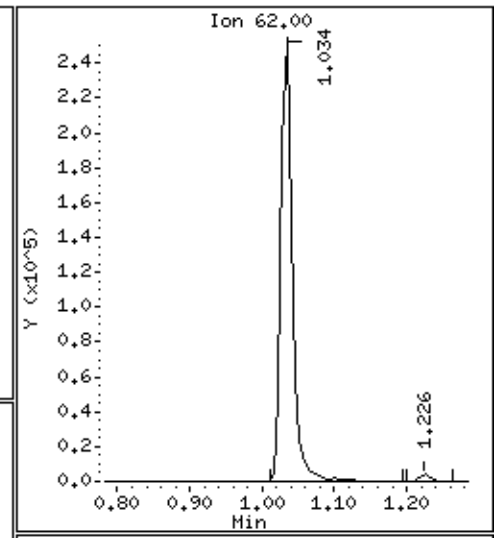
Review Code:

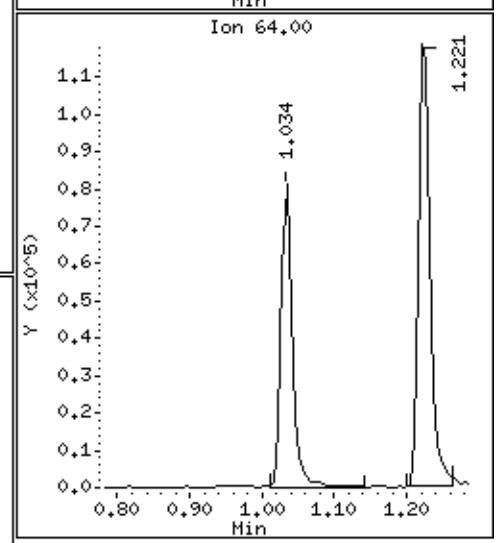












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

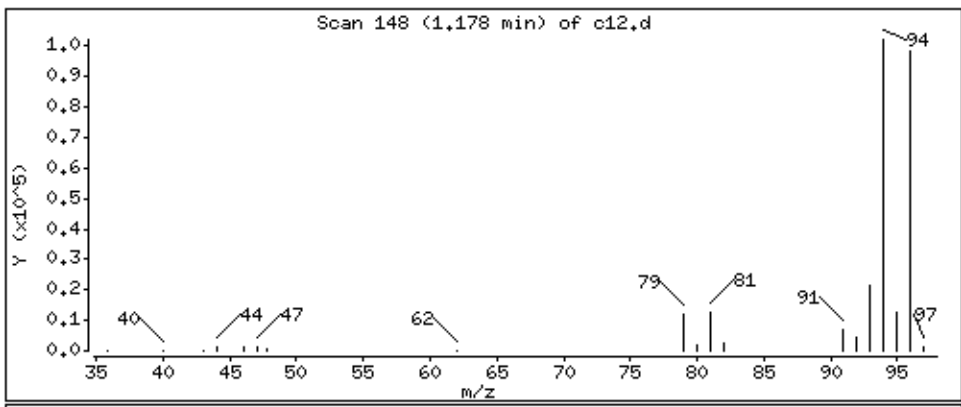
Column phase: DB-624

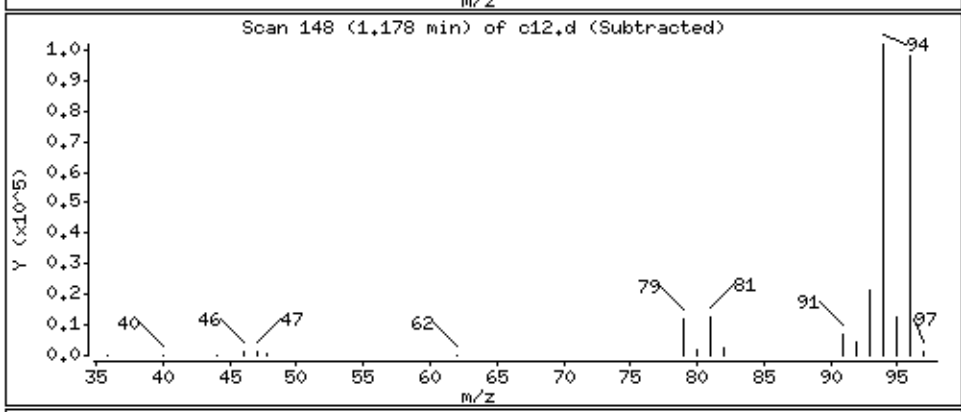
Column diameter: 0.18

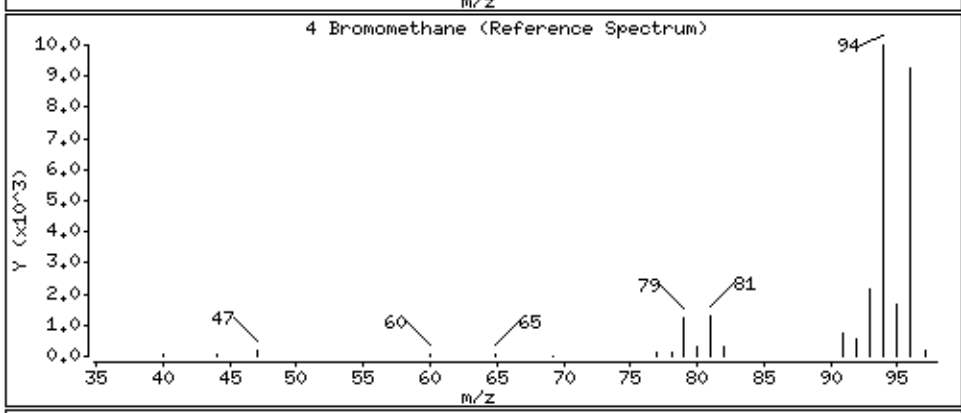
4 Bromomethane

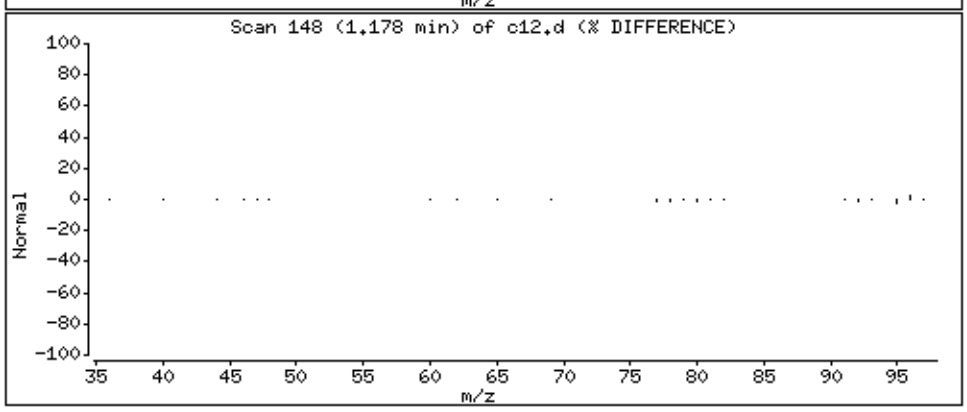
Concentration: 55.6 ppb

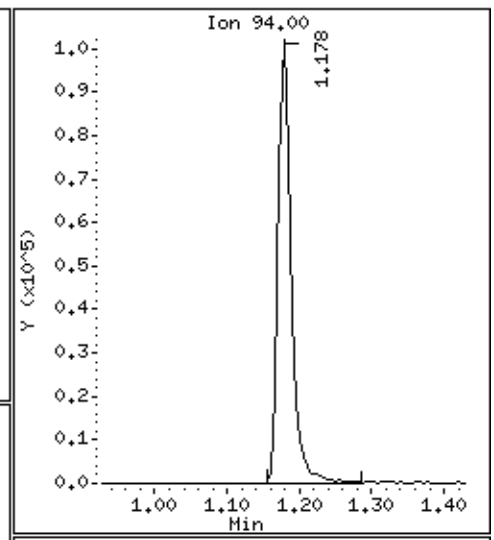
Review Code:

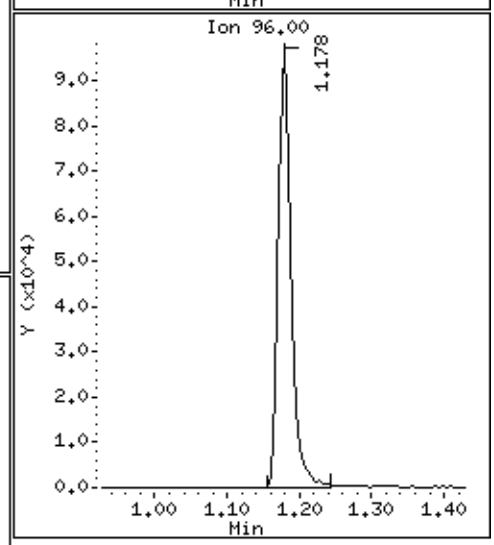












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

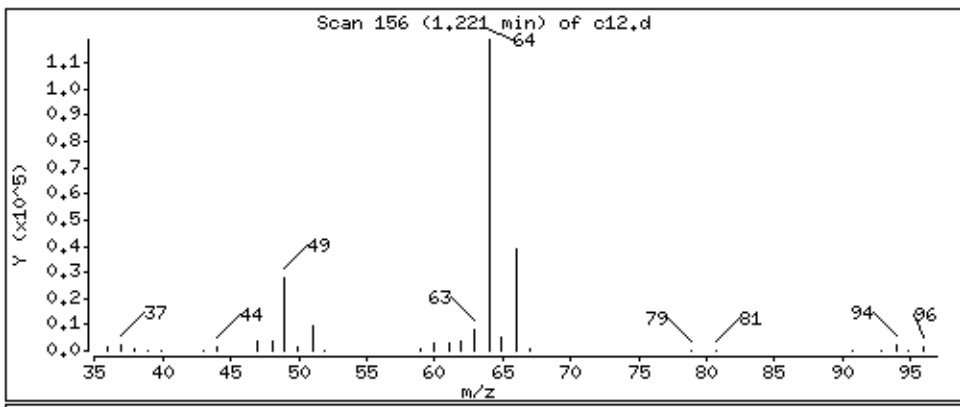
Column phase: DB-624

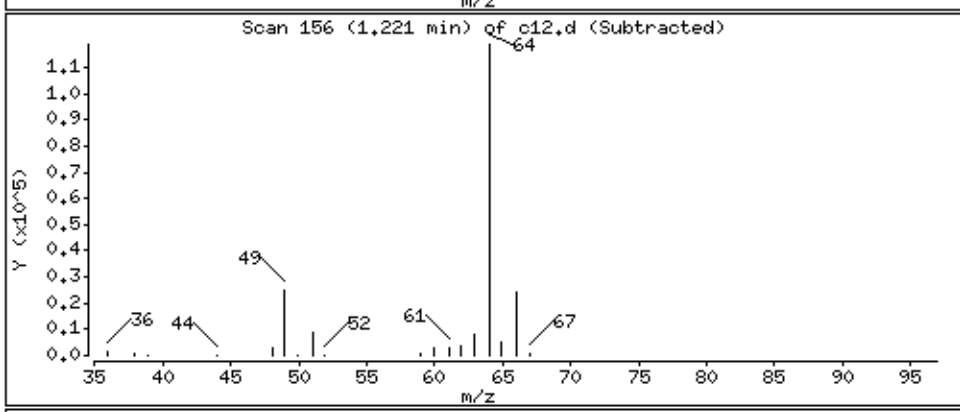
Column diameter: 0.18

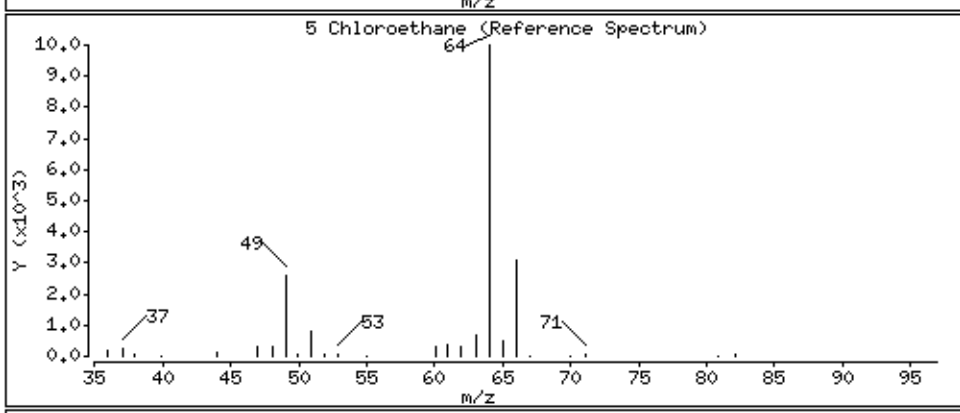
5 Chloroethane

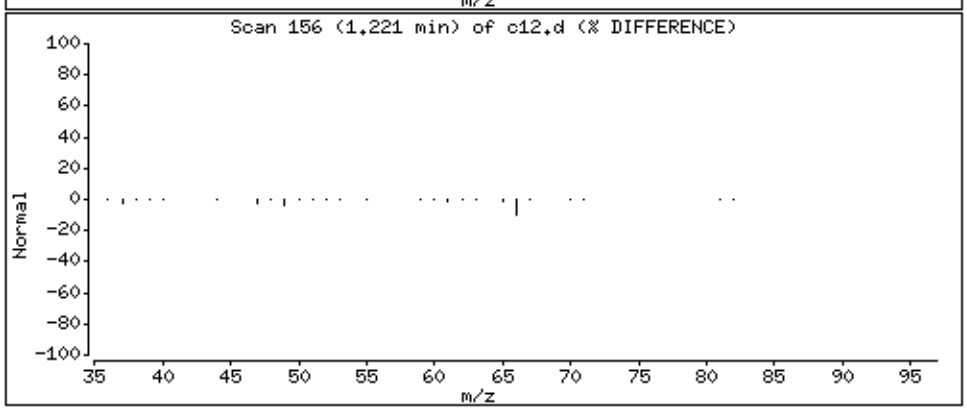
Concentration: 42.4 ppb

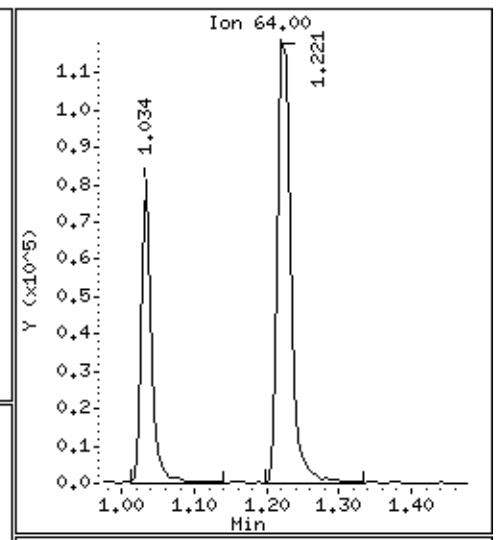
Review Code:

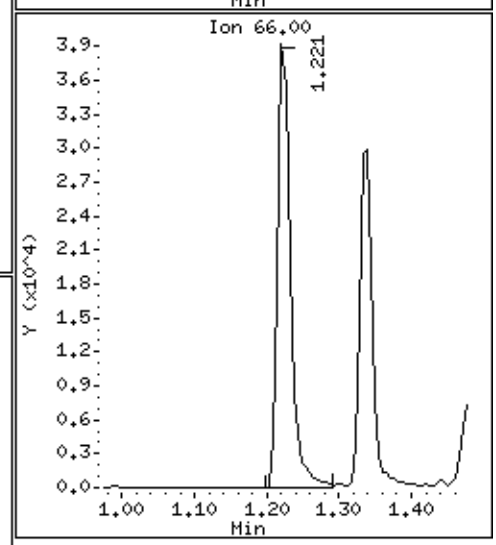












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

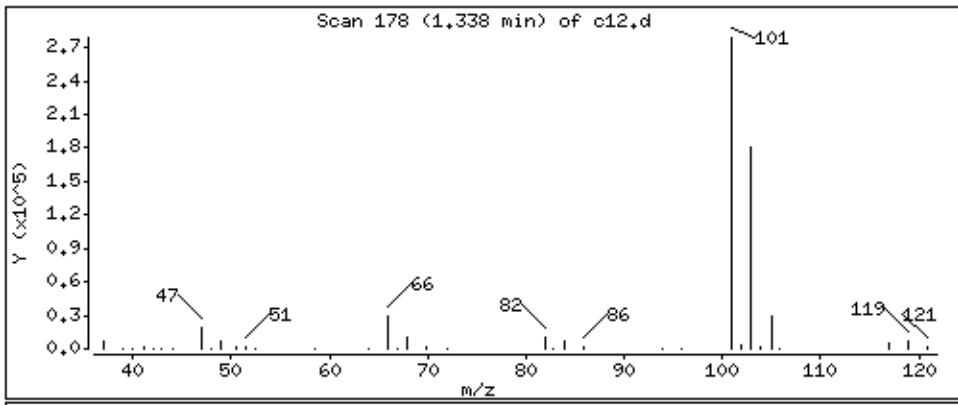
Column phase: DB-624

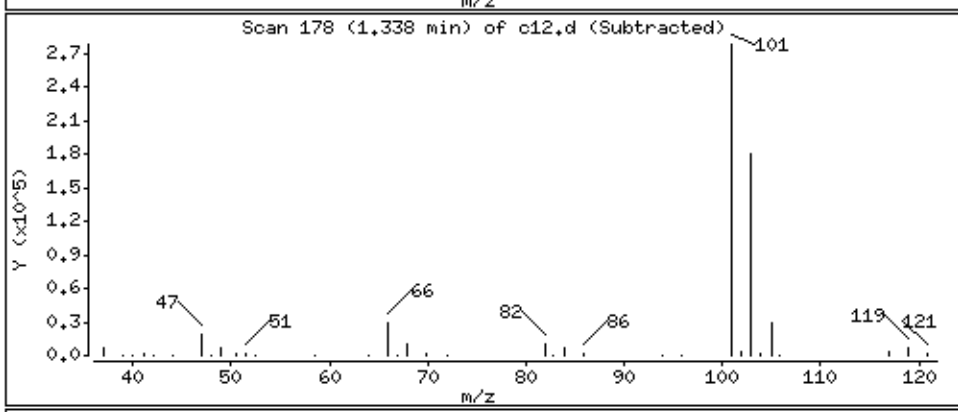
Column diameter: 0.18

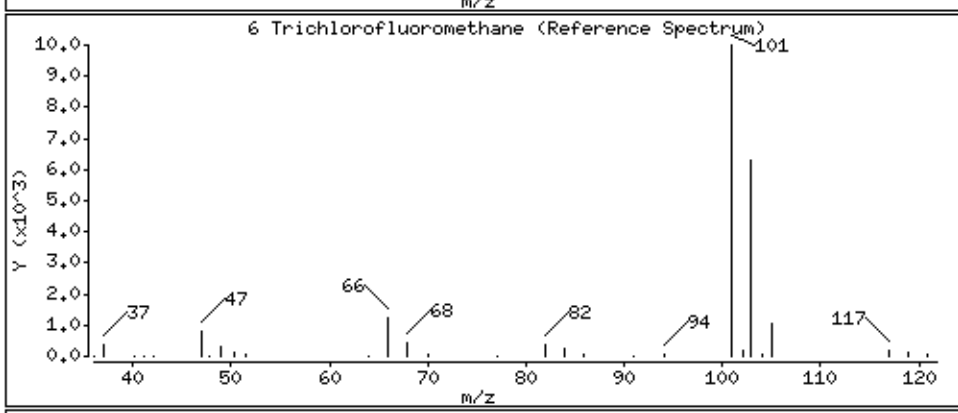
6 Trichlorofluoromethane

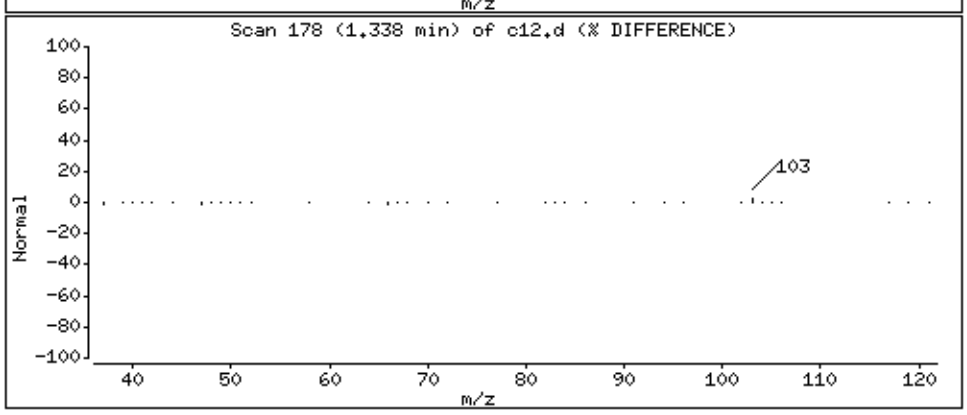
Concentration: 48.4 ppb

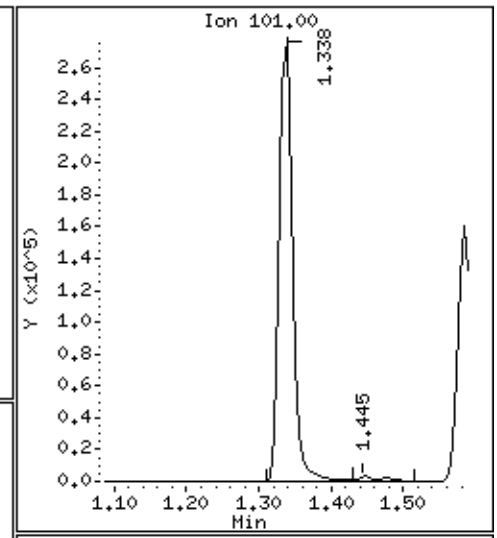
Review Code:

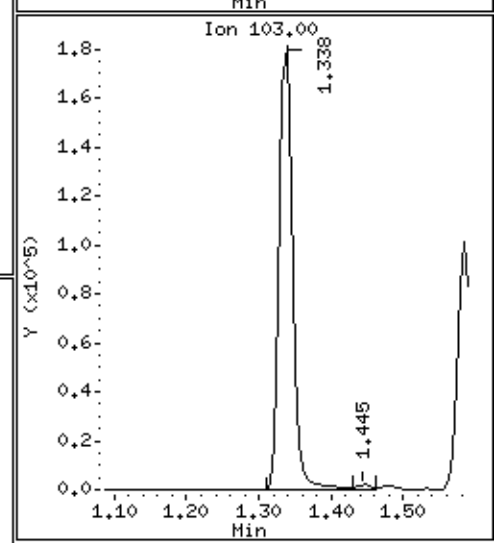












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

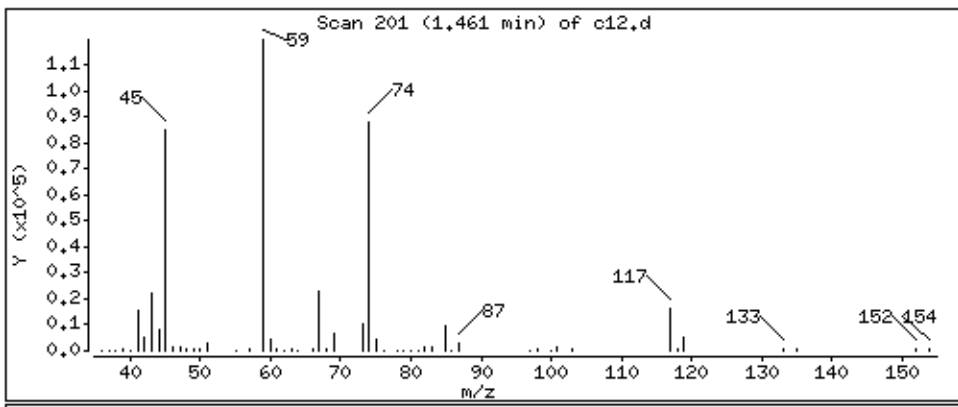
Column phase: DB-624

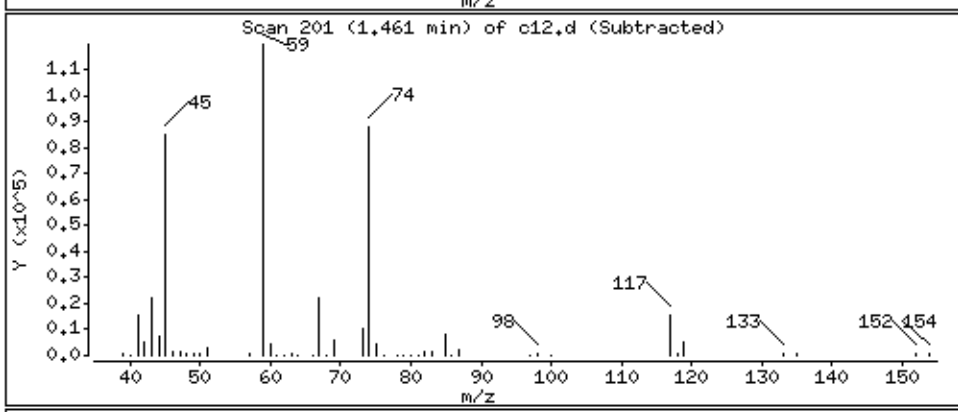
Column diameter: 0.18

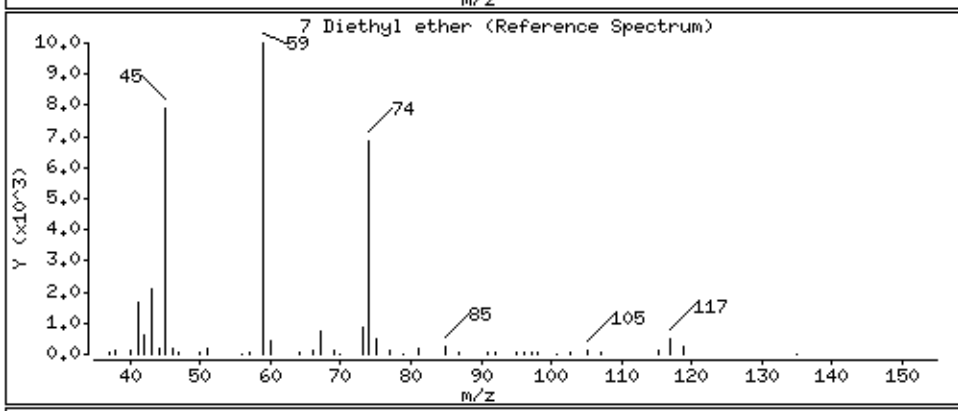
7 Diethyl ether

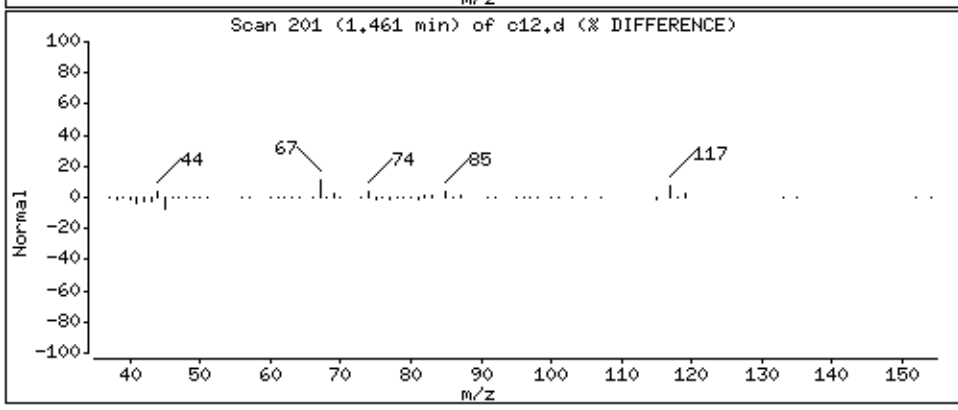
Concentration: 45.0 ppb

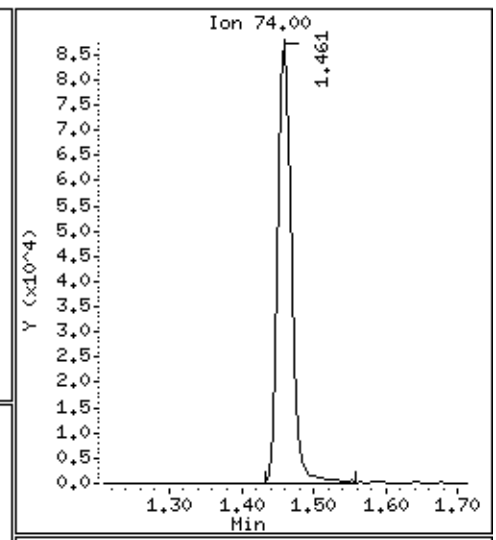
Review Code:

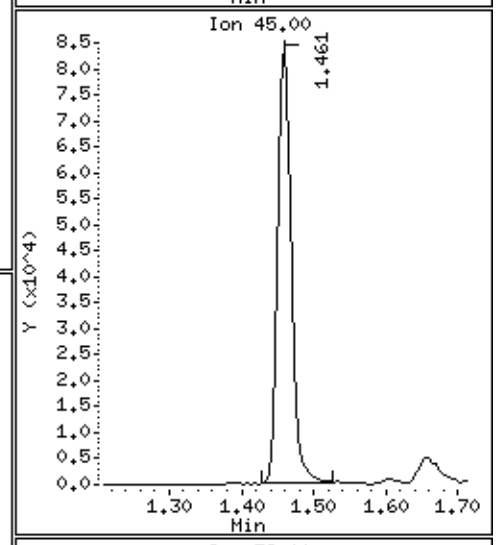


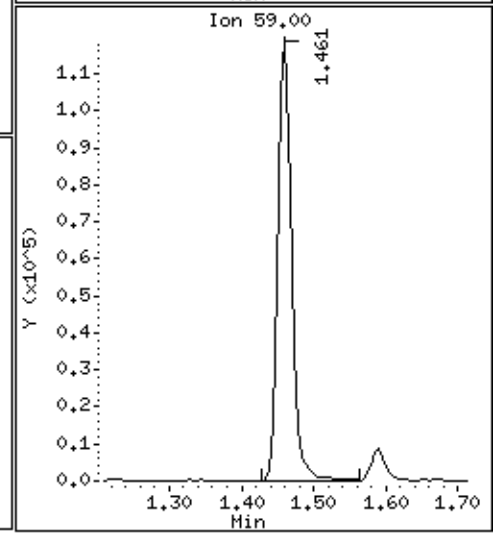












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

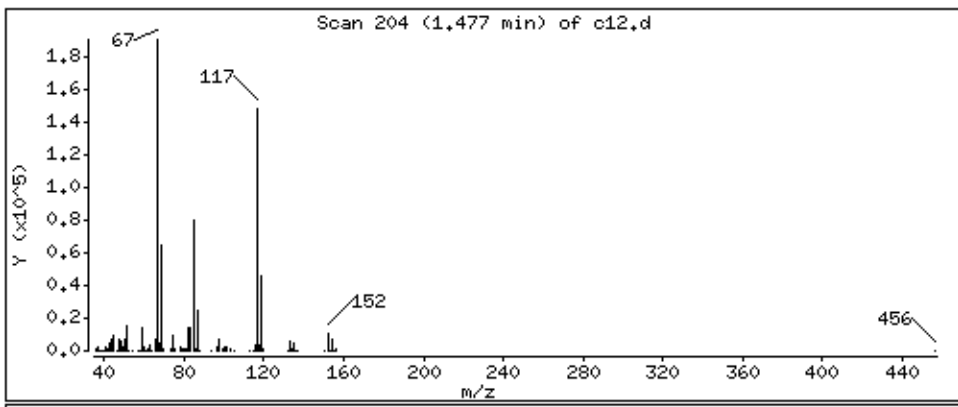
Column phase: DB-624

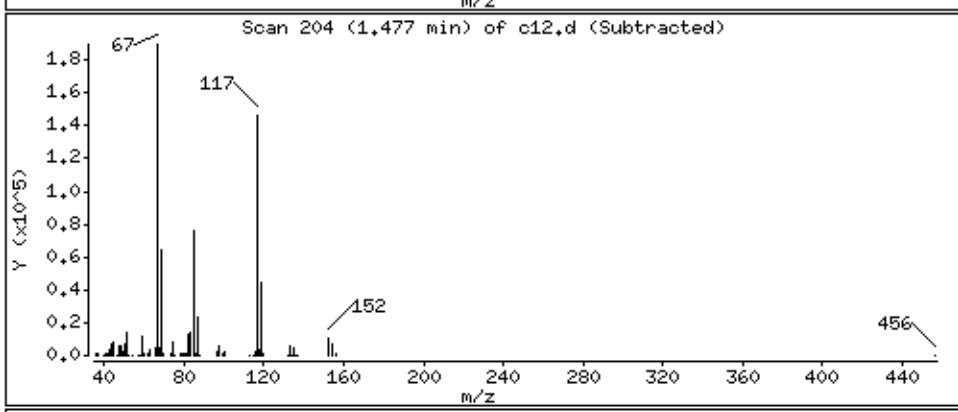
Column diameter: 0.18

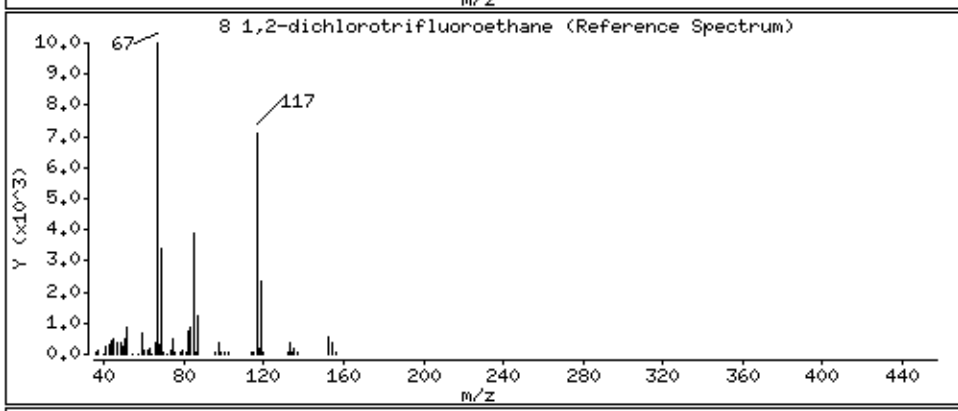
8 1,2-dichlorotrifluoroethane

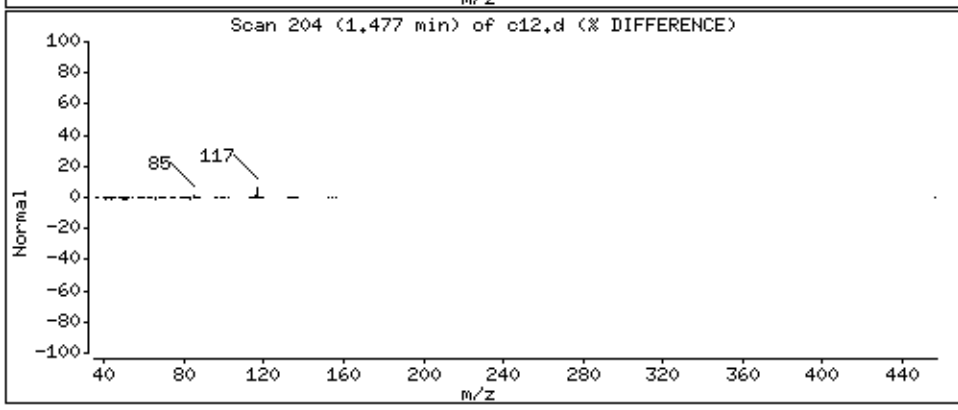
Concentration: 38.7 ppb

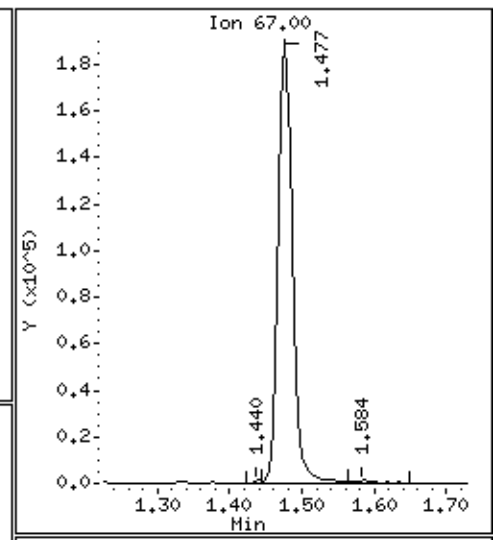
Review Code:

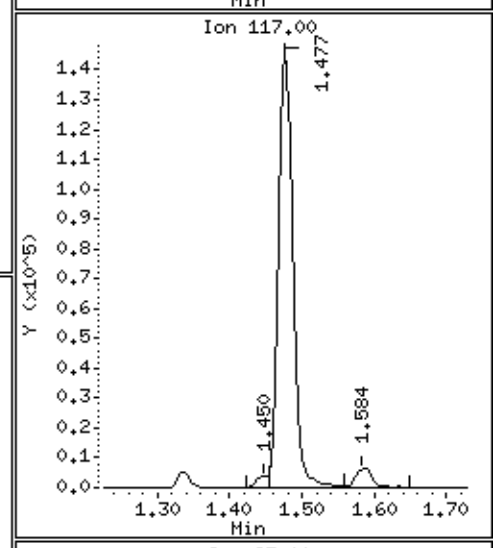


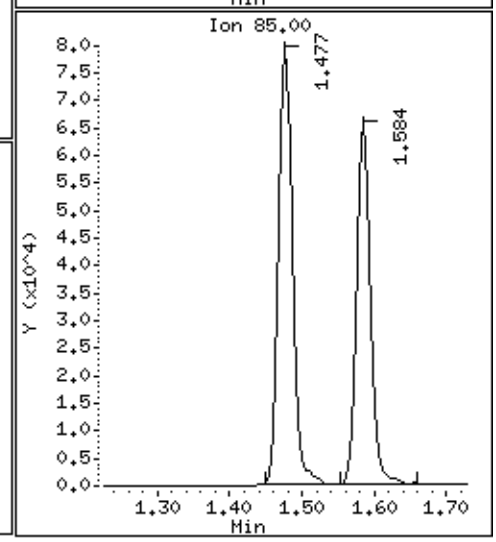












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

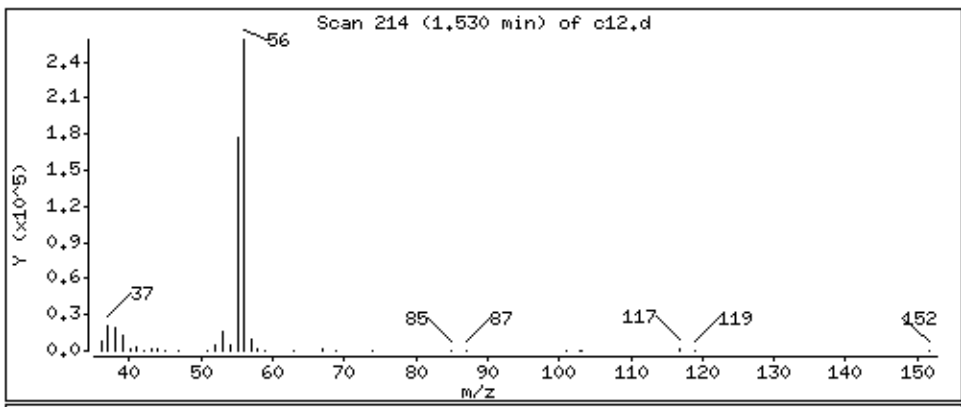
Column phase: DB-624

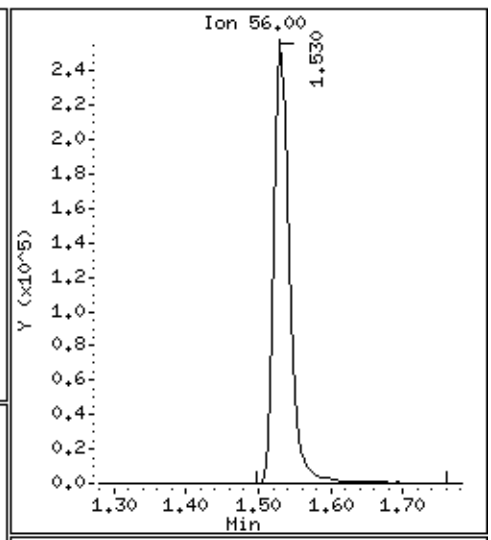
Column diameter: 0.18

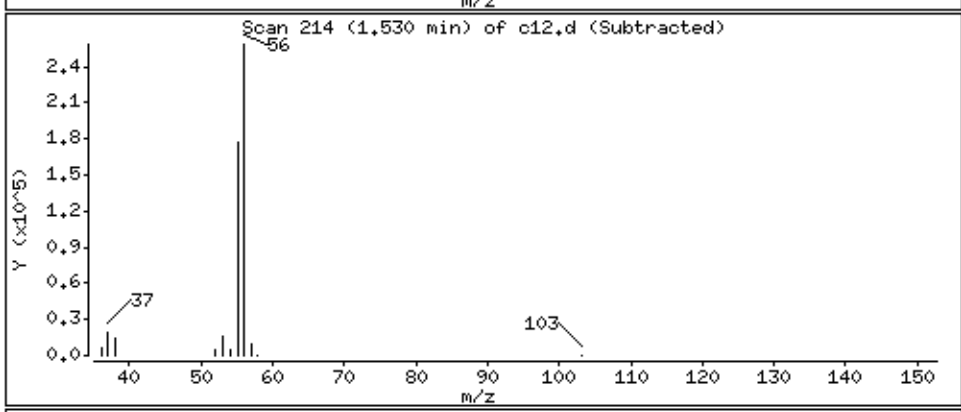
9 Acrolein

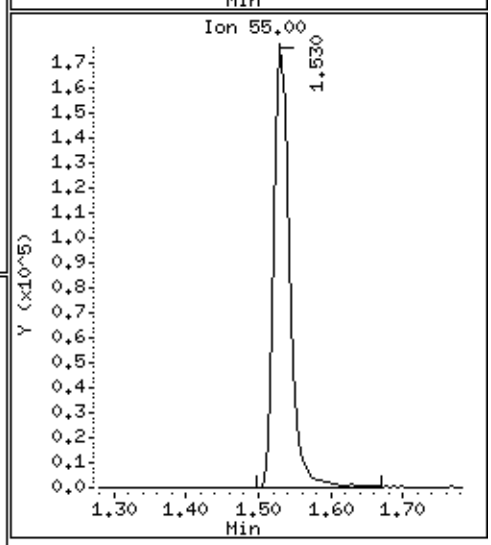
Concentration: 973 ppb

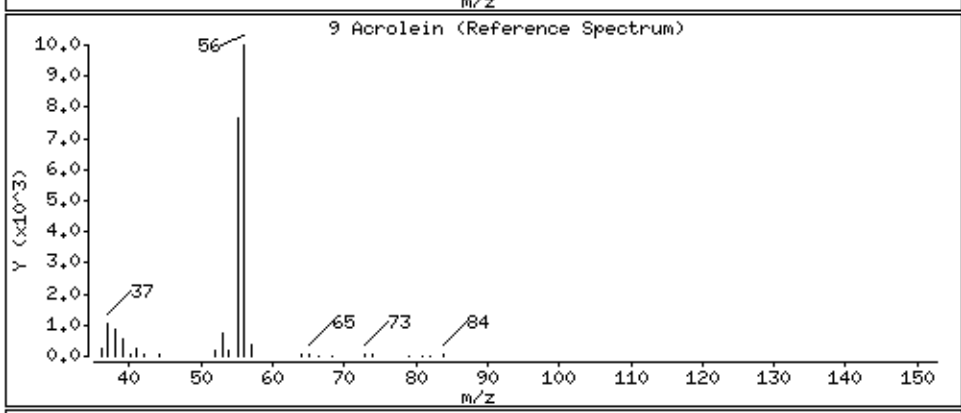
Review Code:

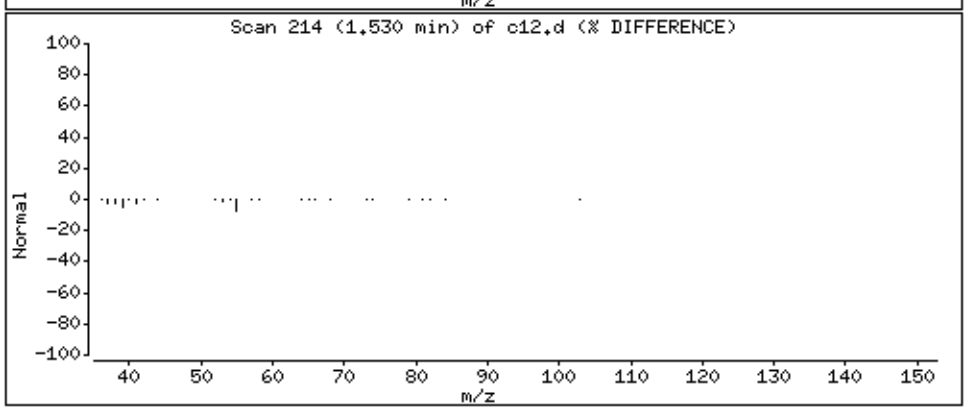












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

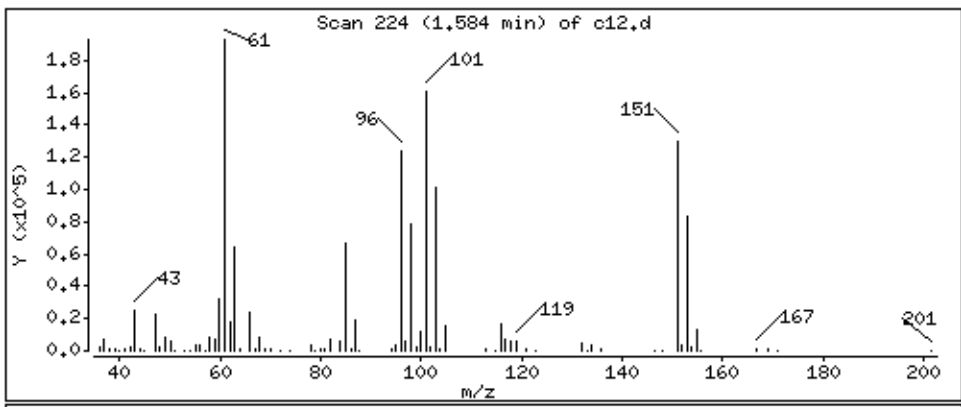
Column phase: DB-624

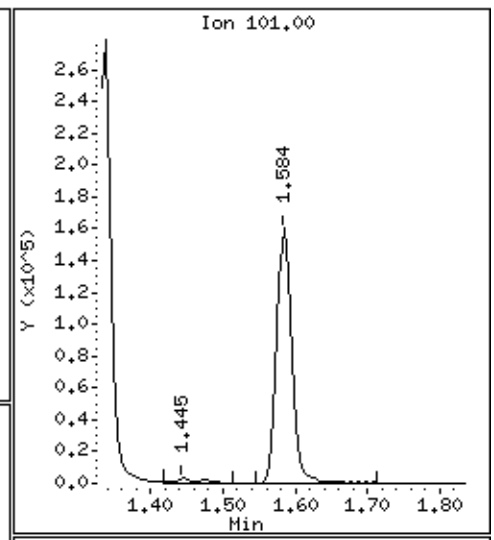
Column diameter: 0.18

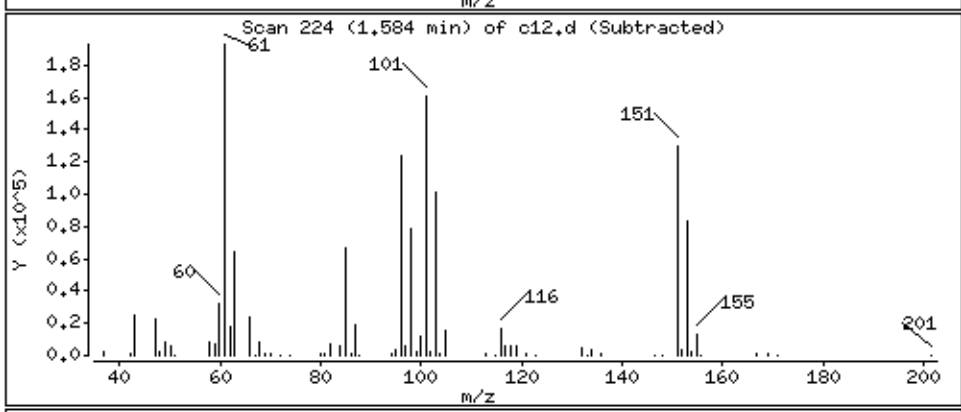
10 1,1,2trichlorotrifluoroethane

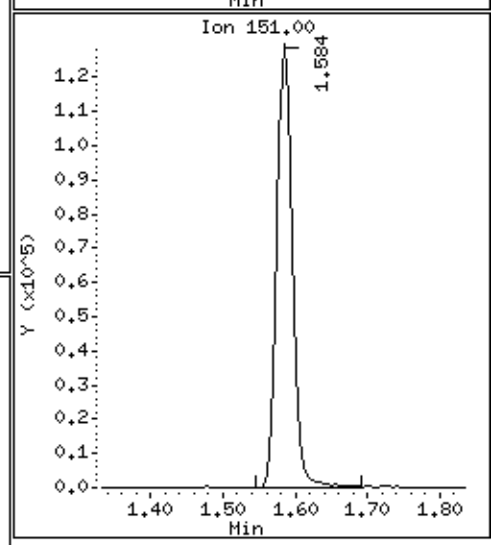
Concentration: 42.1 ppb

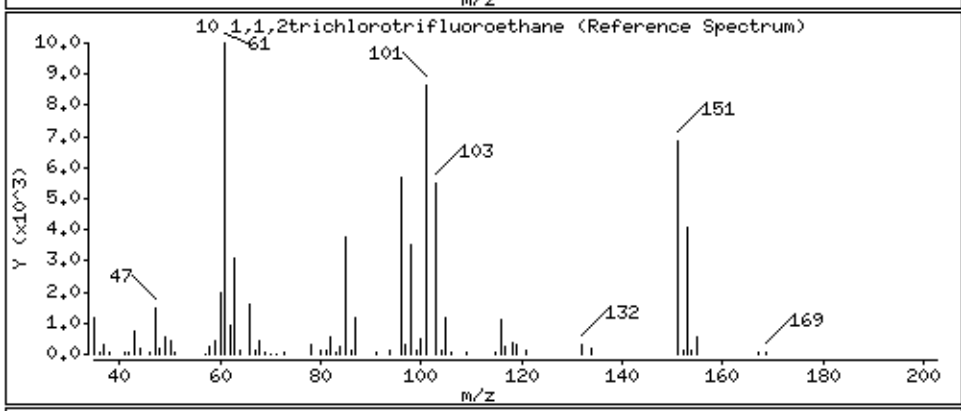
Review Code:

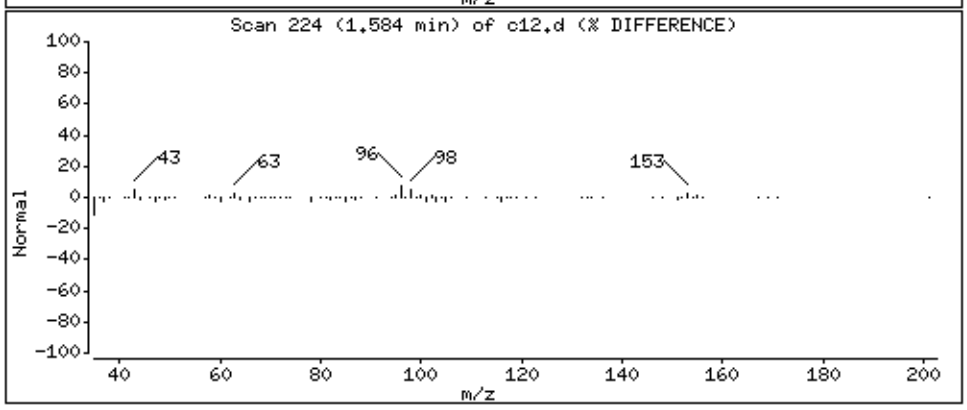












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

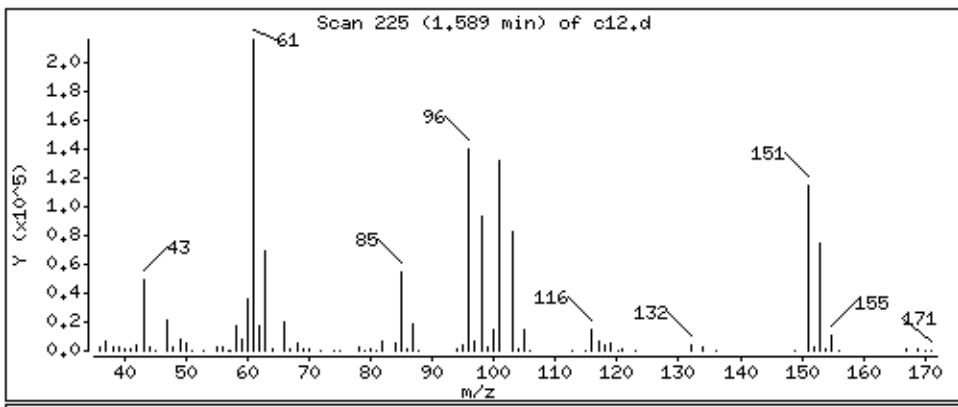
Column phase: DB-624

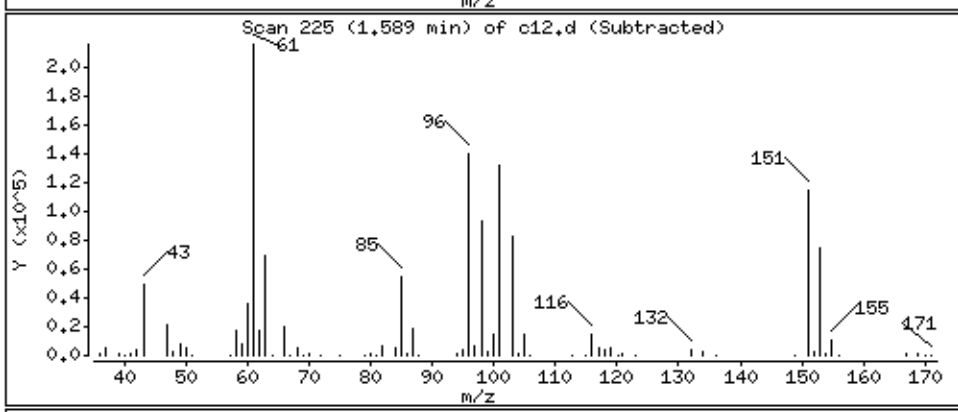
Column diameter: 0.18

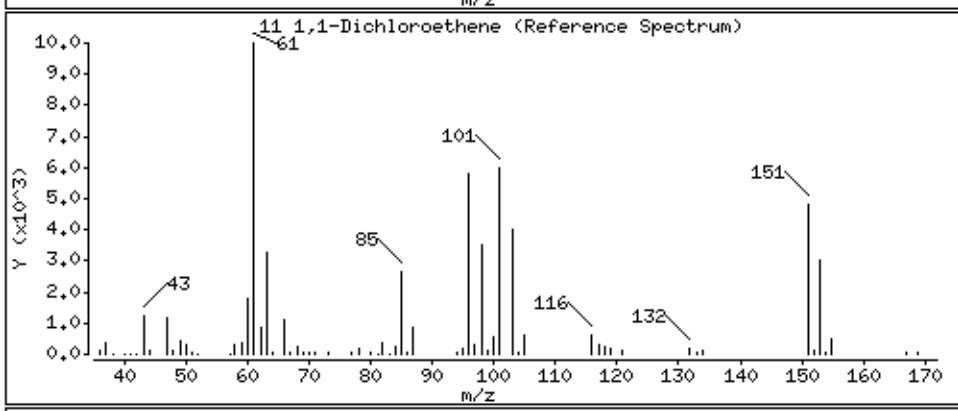
11 1,1-Dichloroethene

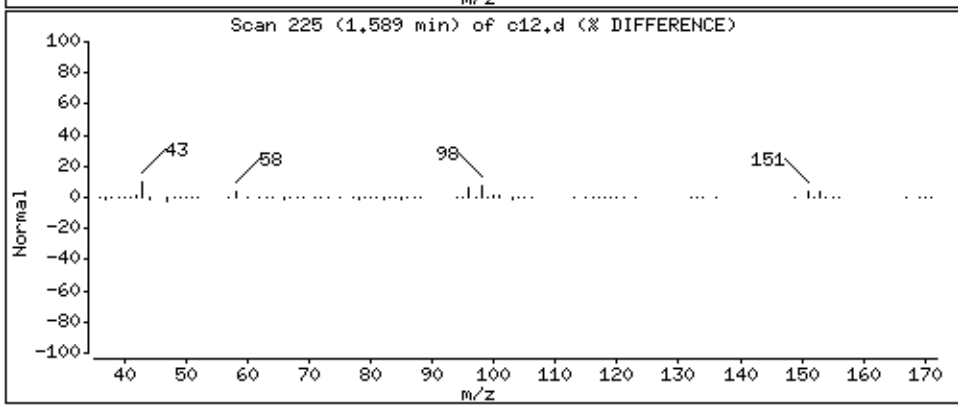
Concentration: 40.6 ppb

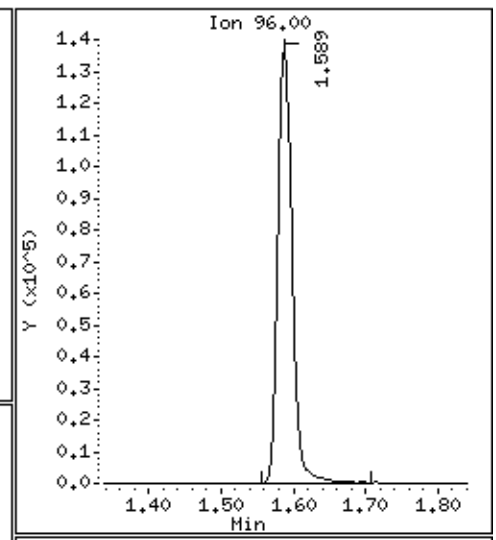
Review Code:

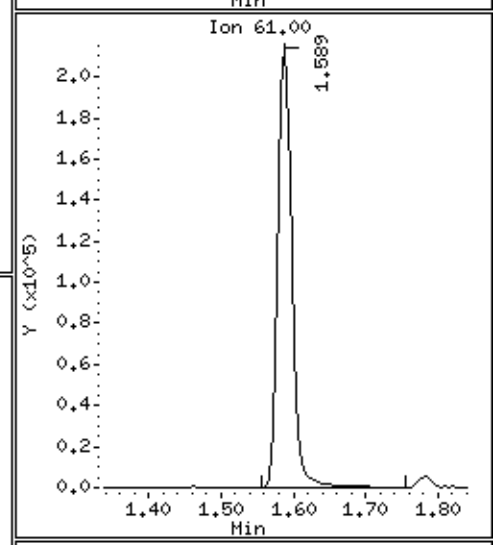


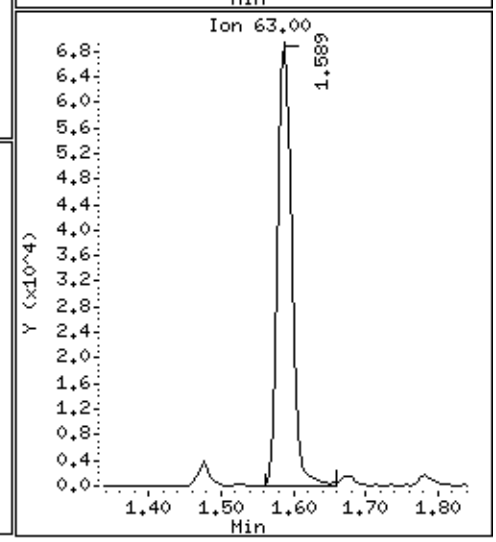












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

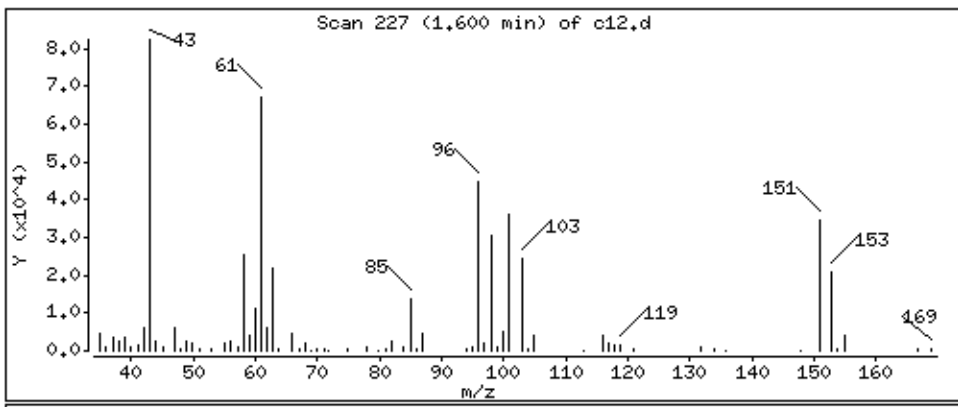
Column phase: DB-624

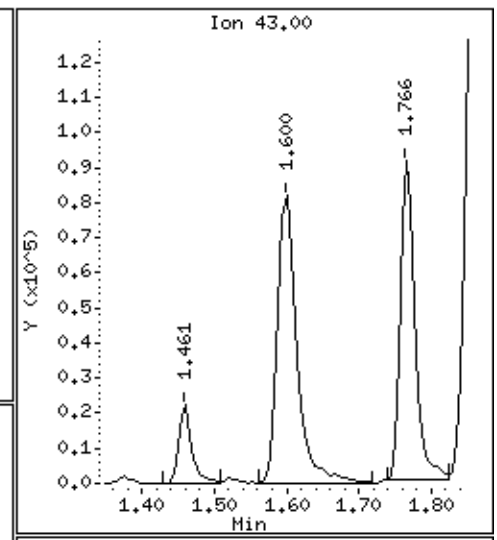
Column diameter: 0.18

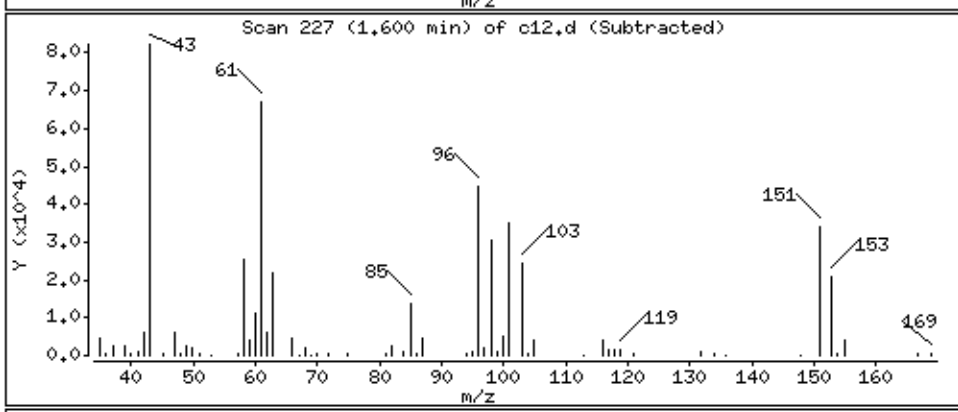
12 Acetone

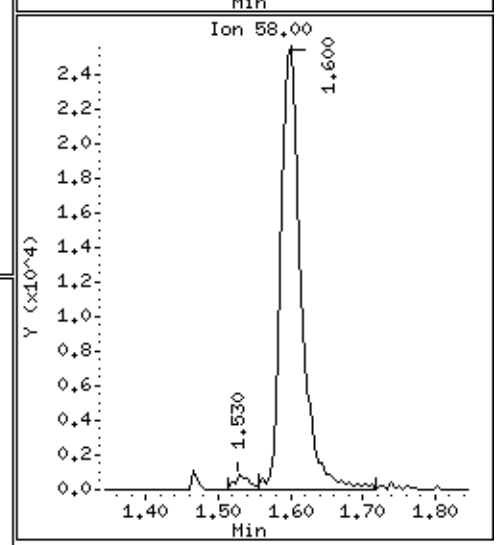
Concentration: 269 ppb

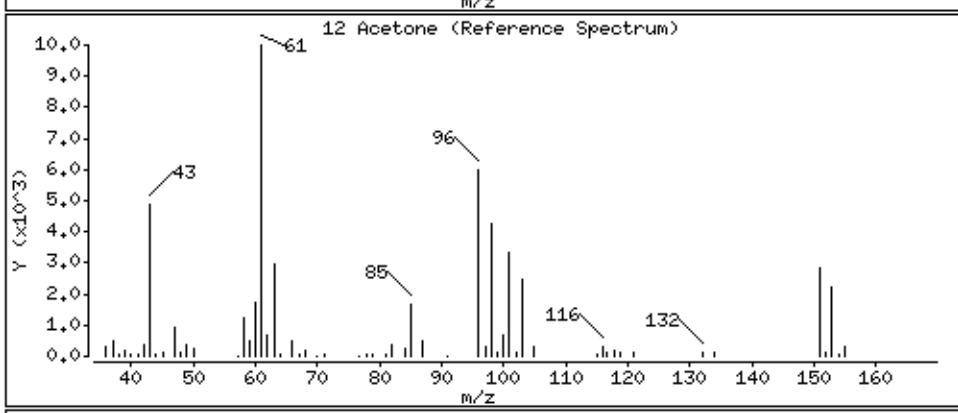
Review Code:

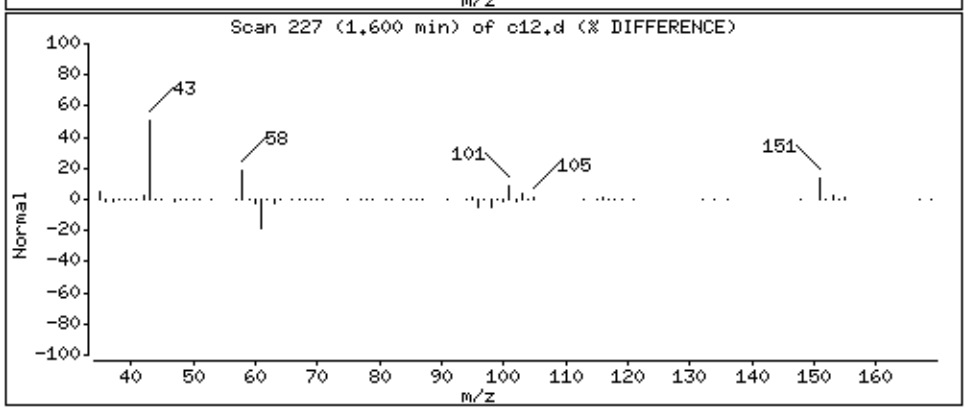












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

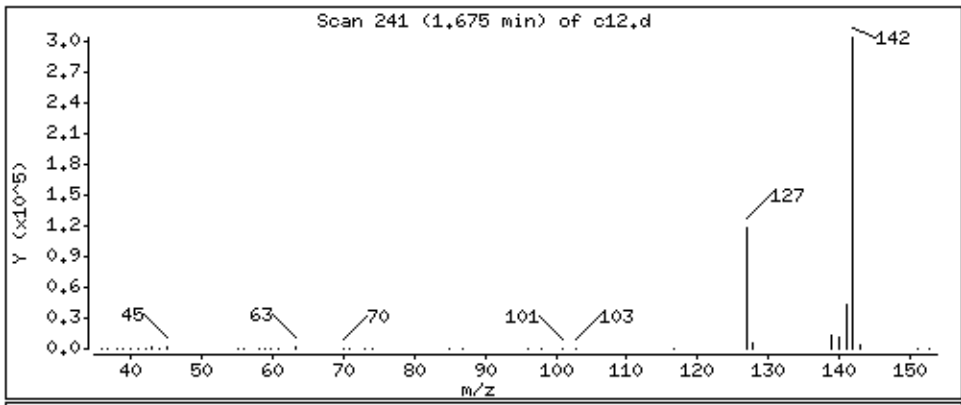
Column phase: DB-624

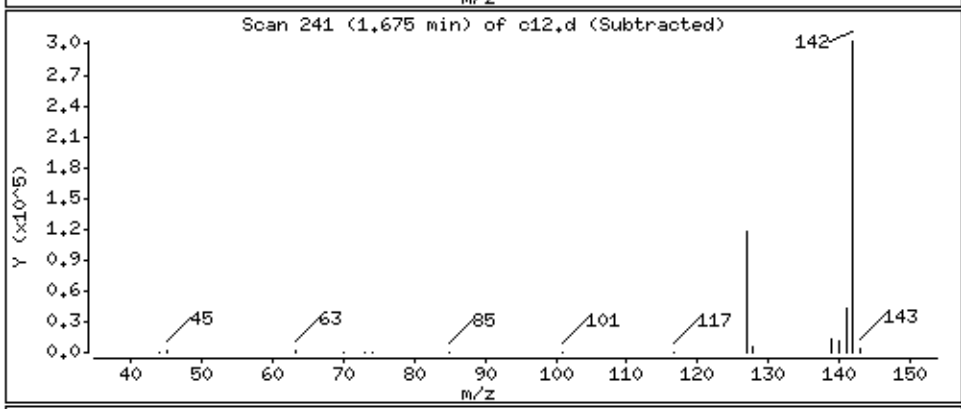
Column diameter: 0.18

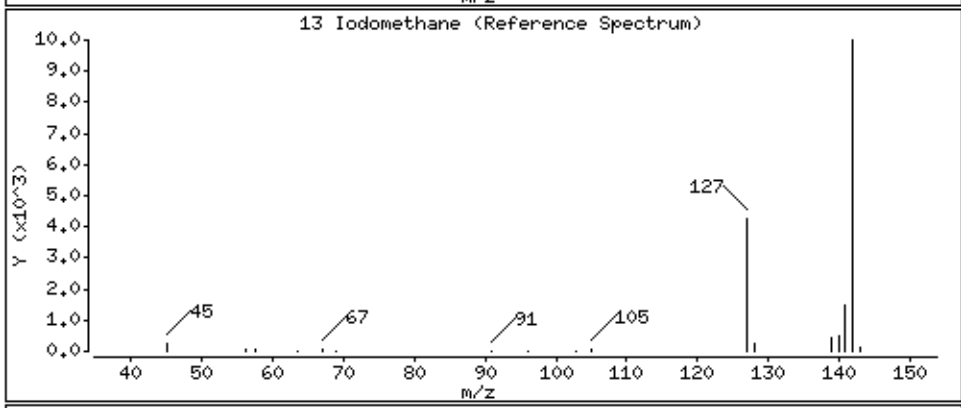
13 Iodomethane

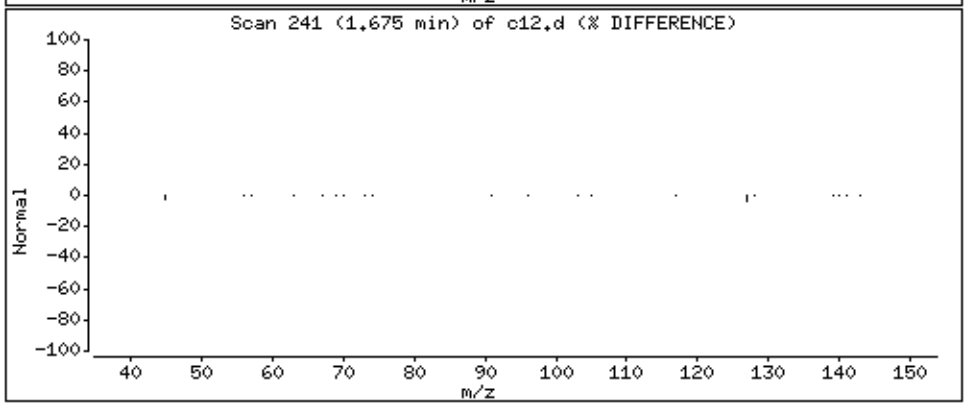
Concentration: 104 ppb

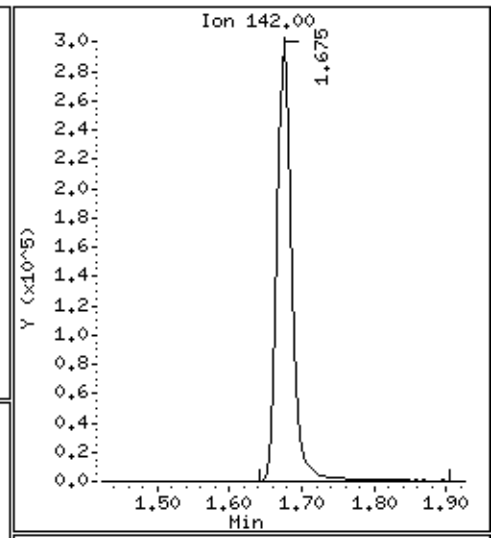
Review Code:

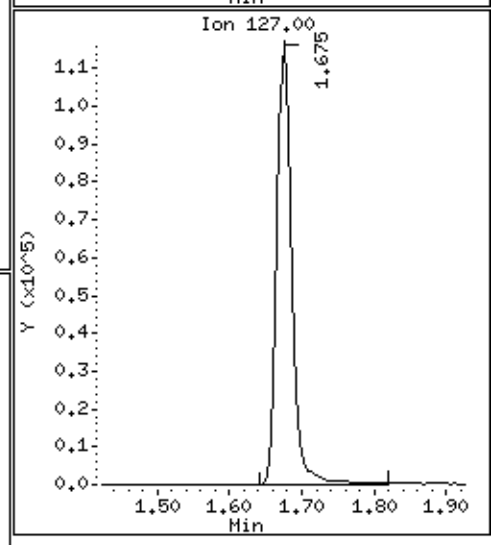












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

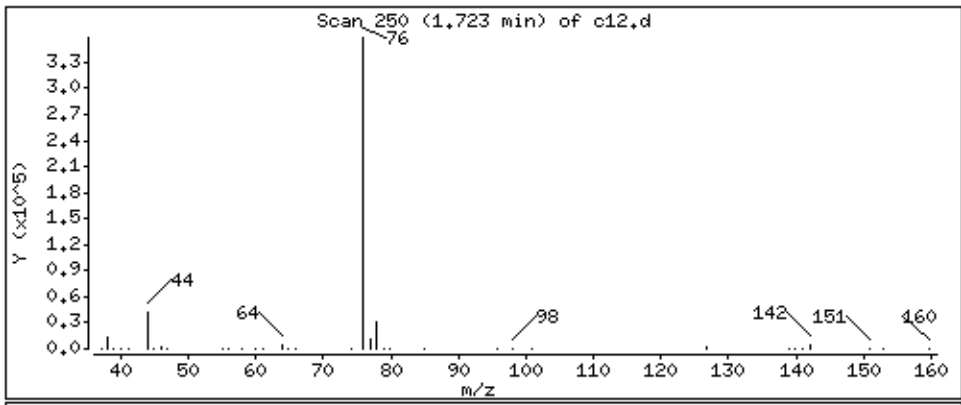
Column phase: DB-624

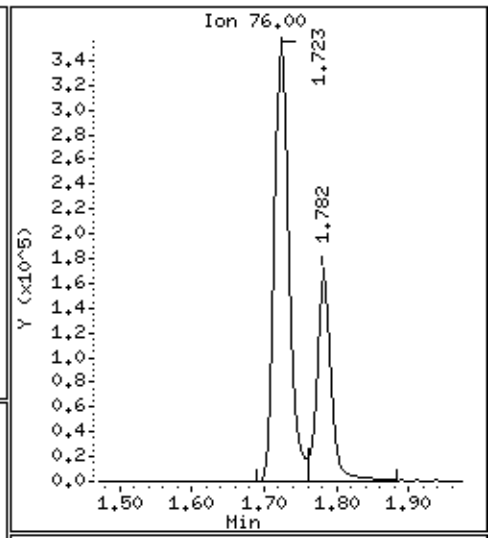
Column diameter: 0.18

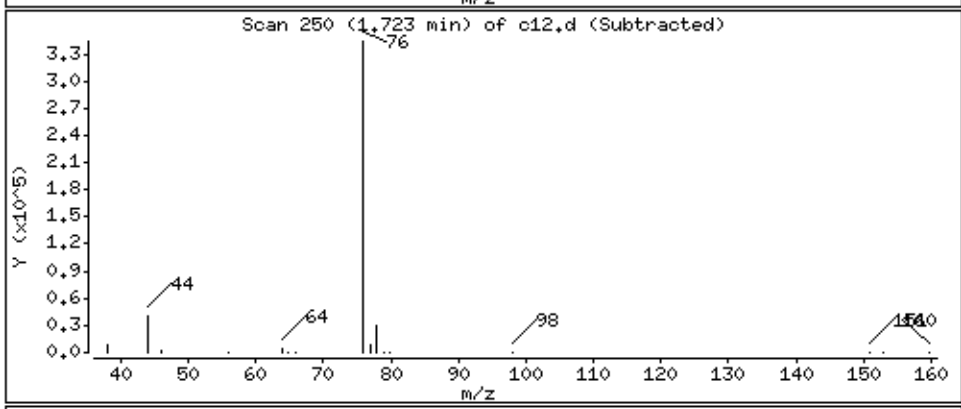
14 Carbon Disulfide

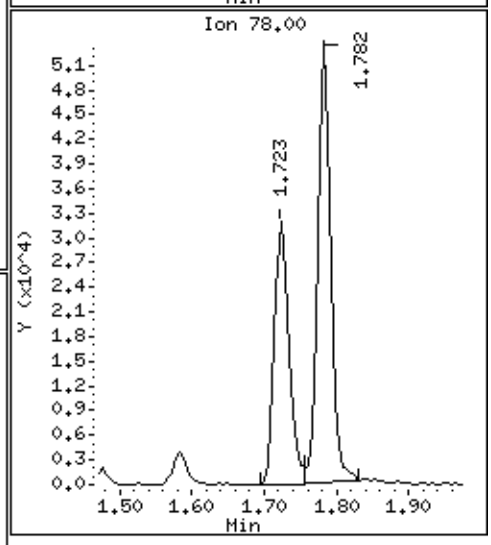
Concentration: 34.2 ppb

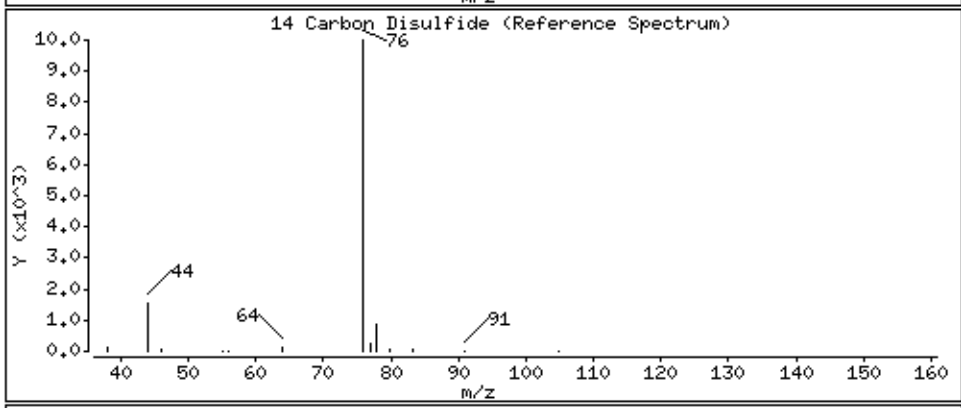
Review Code:

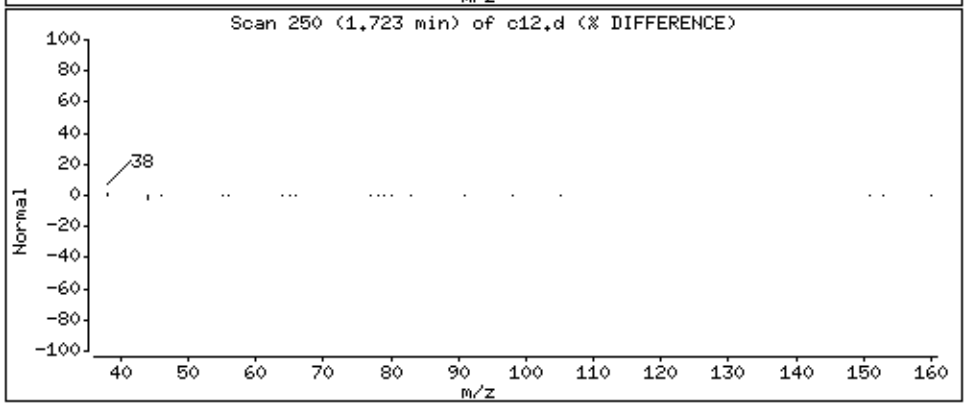












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

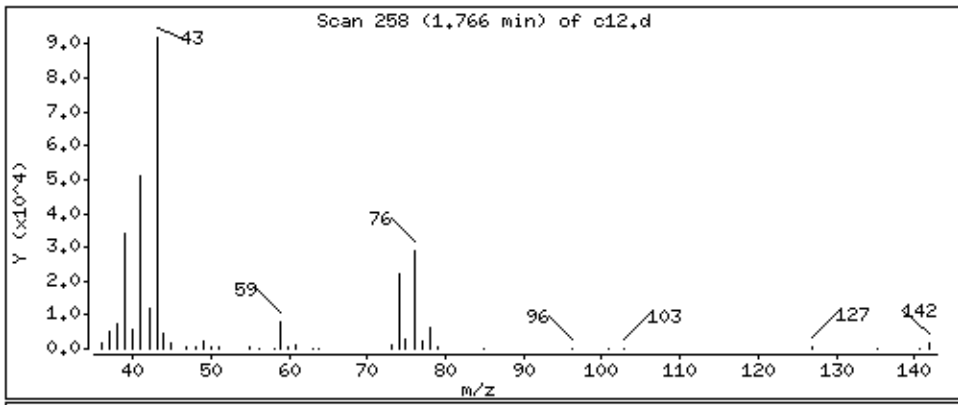
Column phase: DB-624

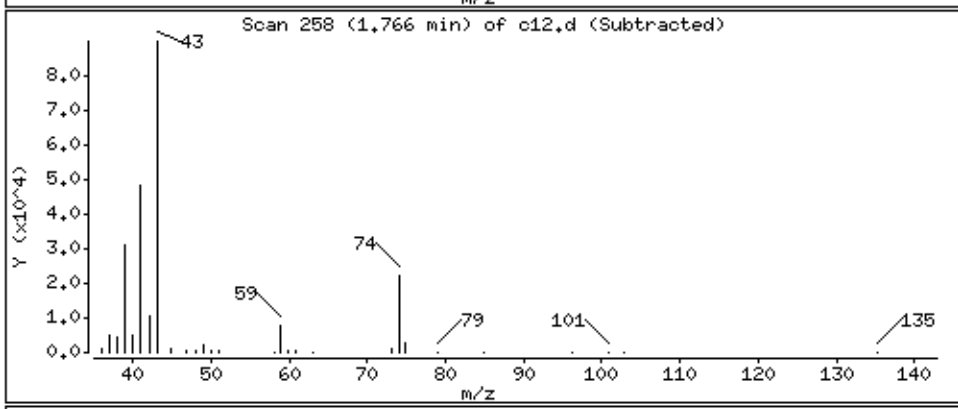
Column diameter: 0.18

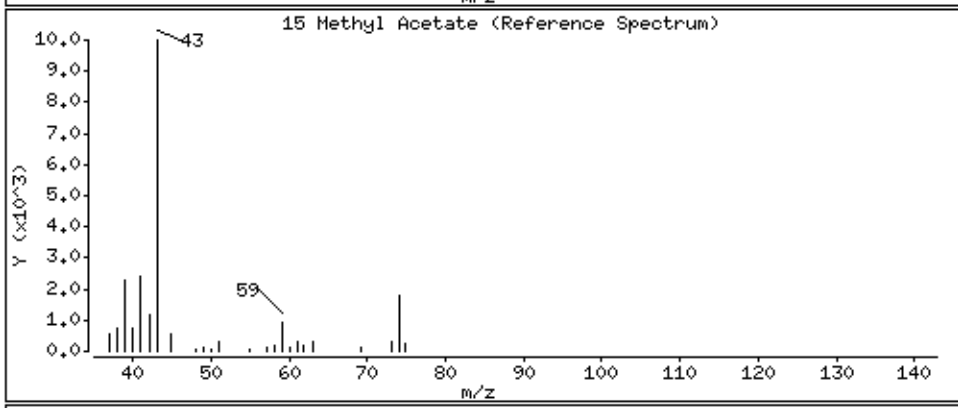
15 Methyl Acetate

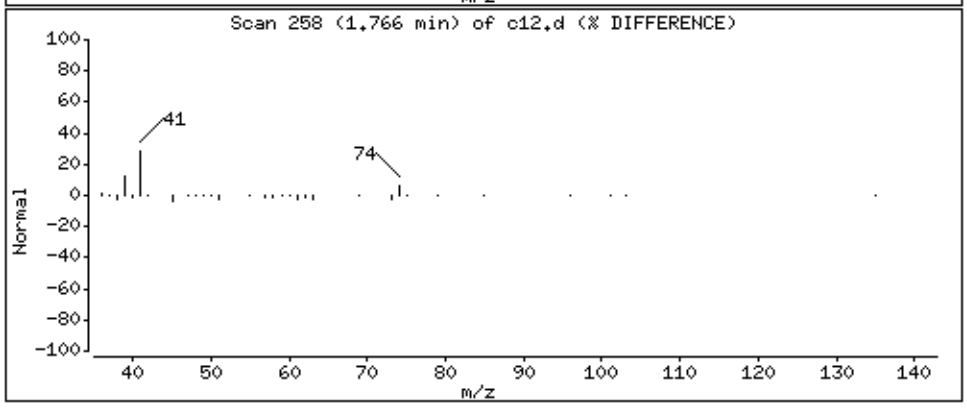
Concentration: 81.3 ppb

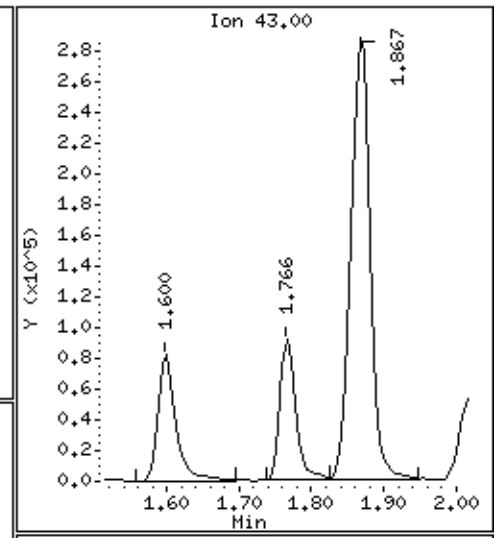
Review Code:

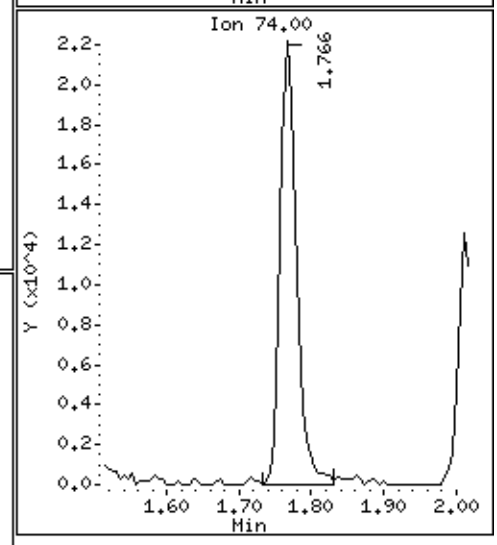












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

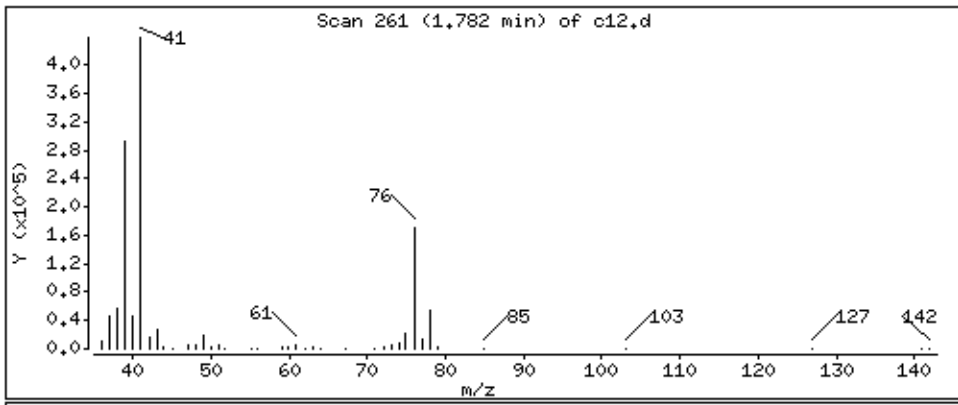
Column phase: DB-624

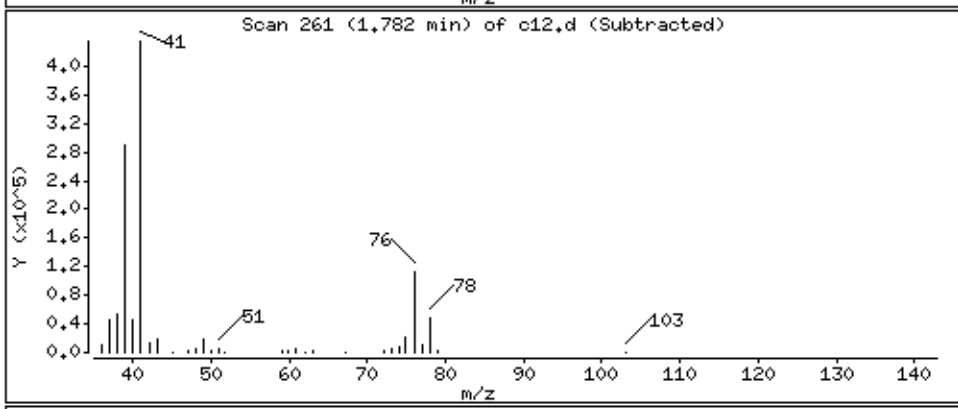
Column diameter: 0.18

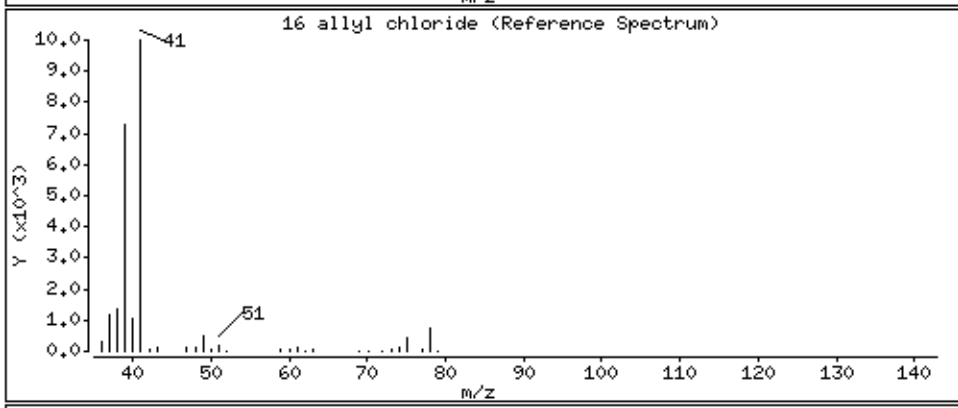
16 allyl chloride

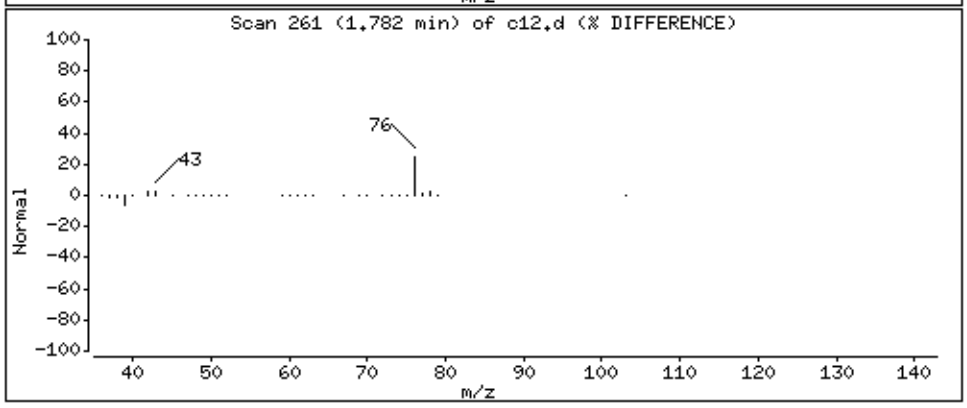
Concentration: 89.5 ppb

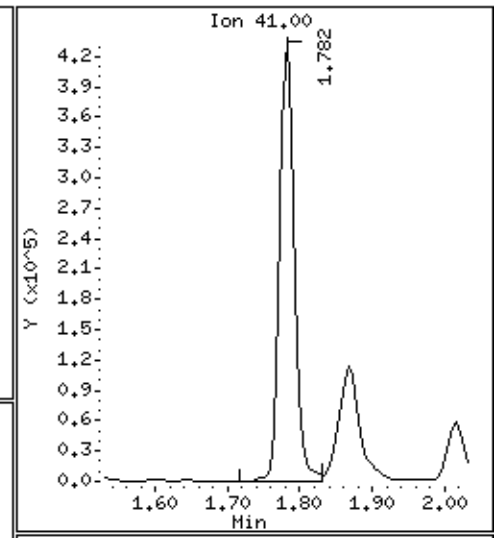
Review Code:

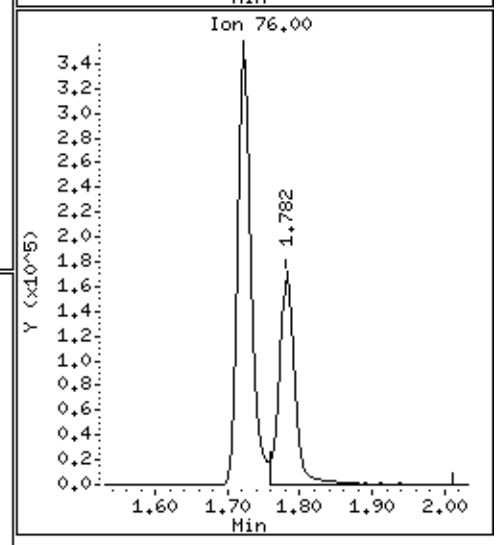












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

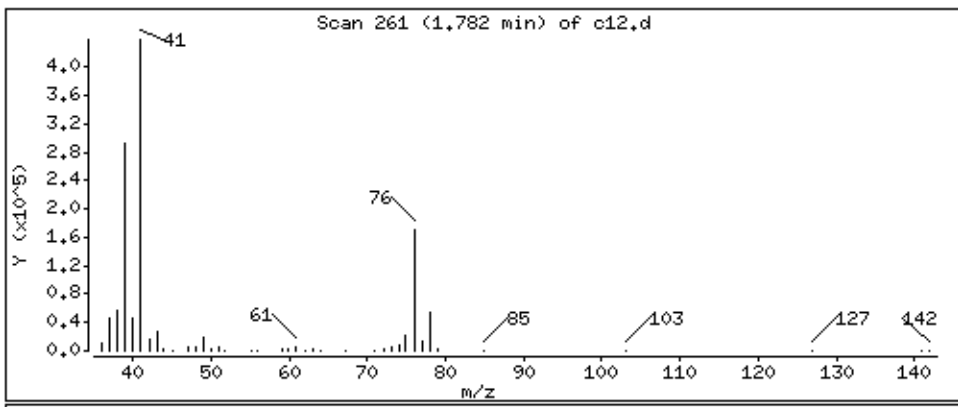
Column phase: DB-624

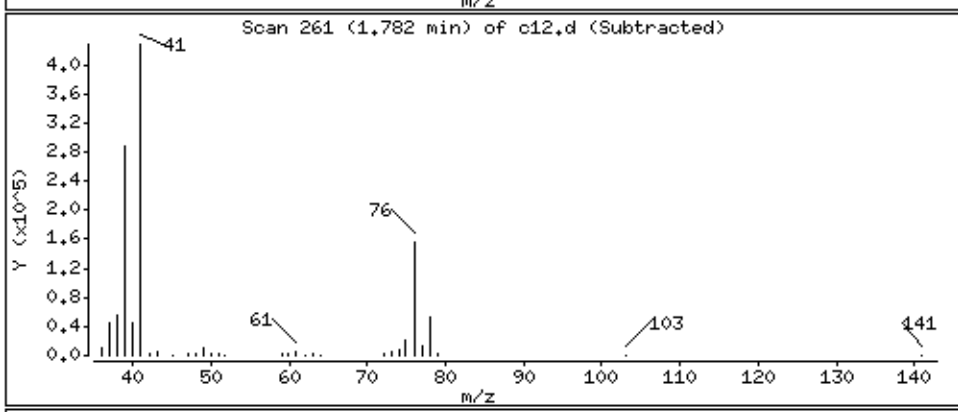
Column diameter: 0.18

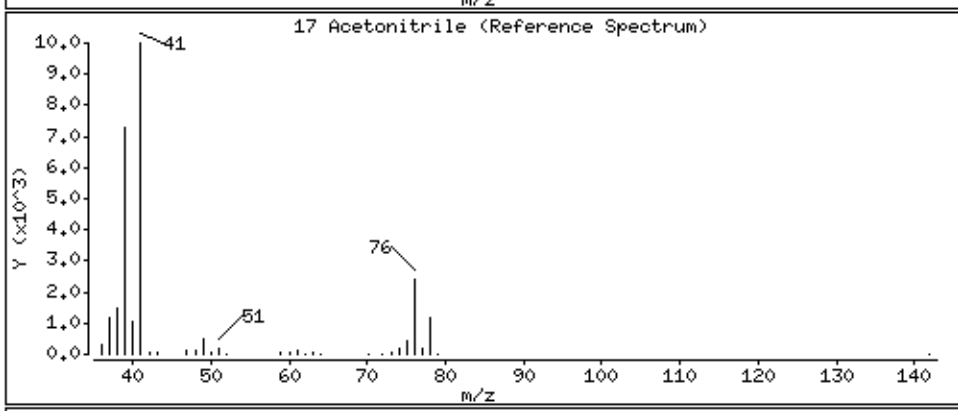
17 Acetonitrile

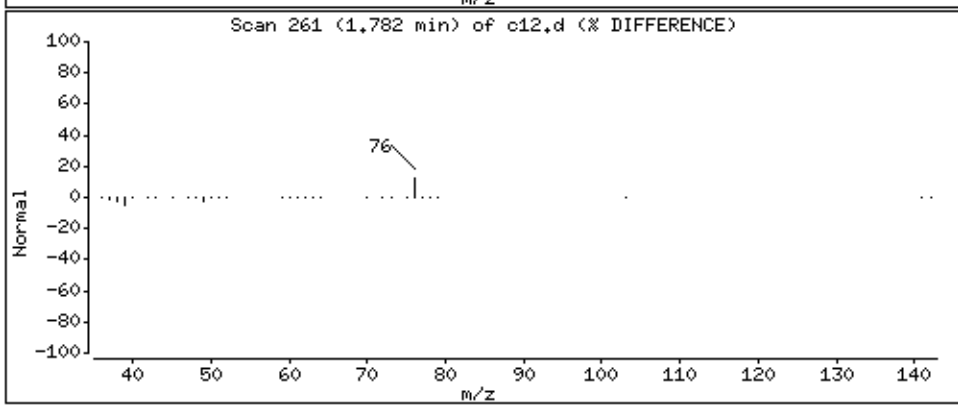
Concentration: 40.3 ppb

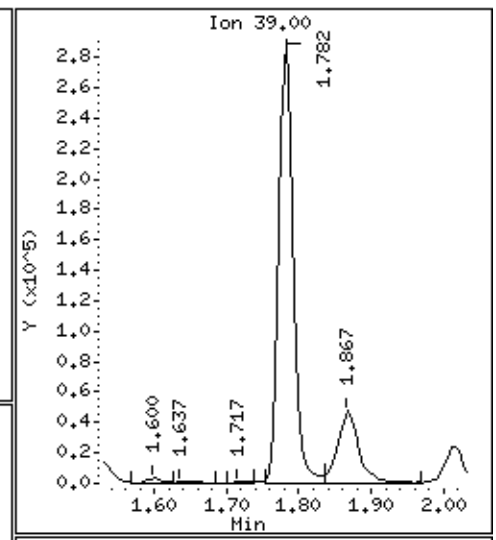
Review Code:

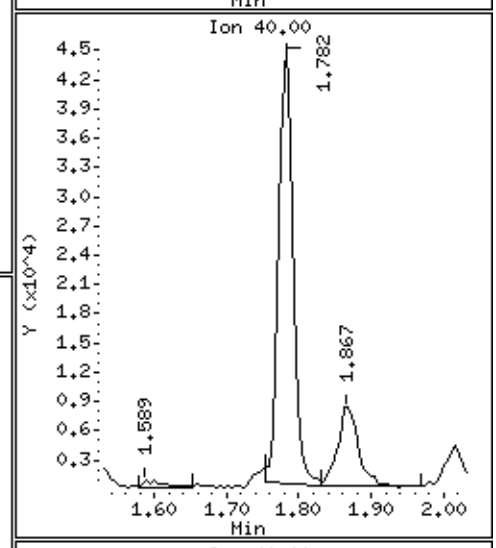


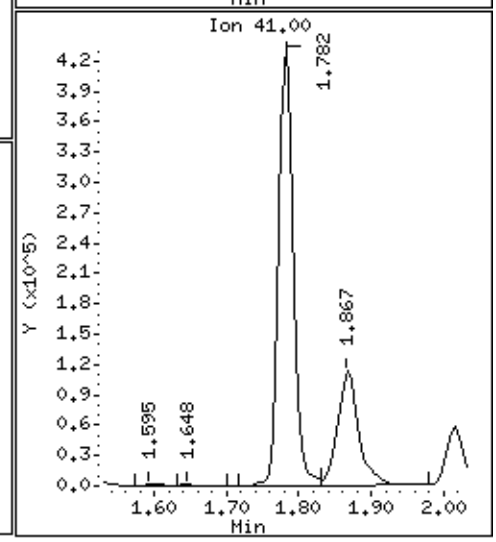












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

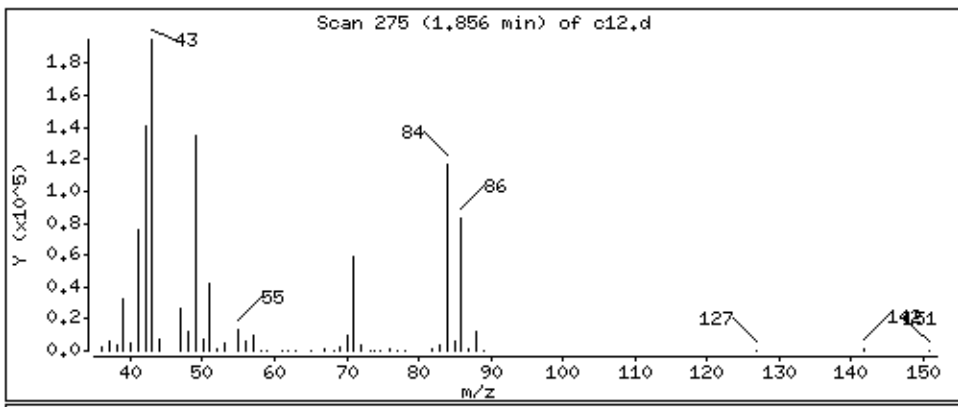
Column phase: DB-624

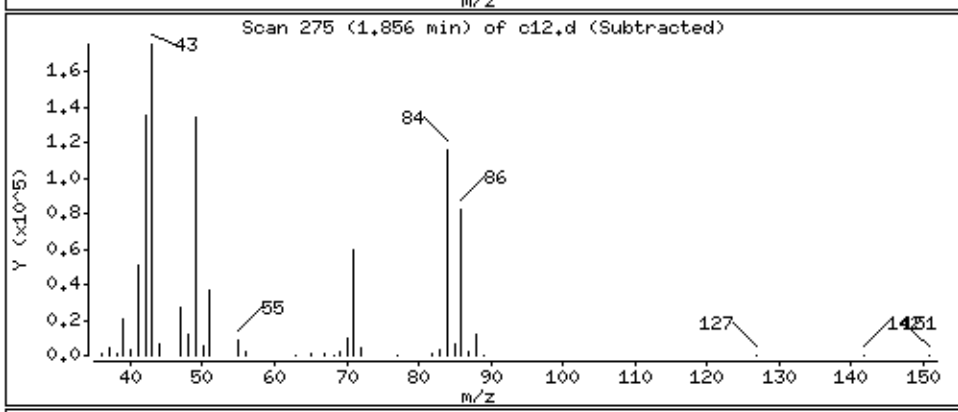
Column diameter: 0.18

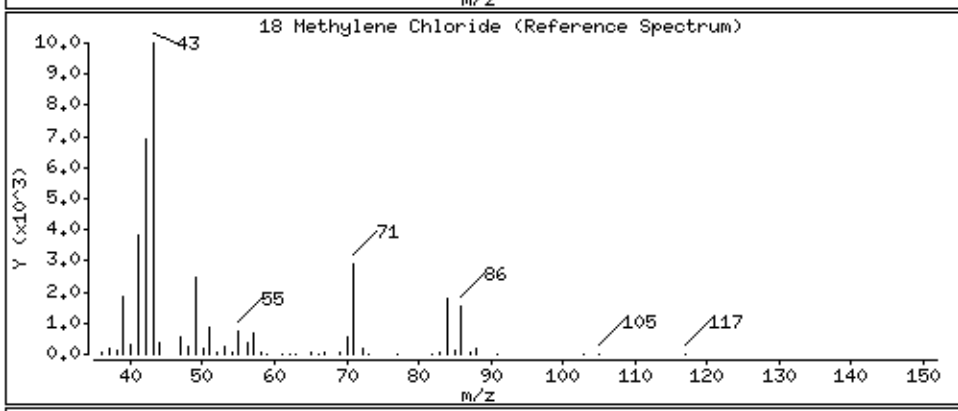
18 Methylene Chloride

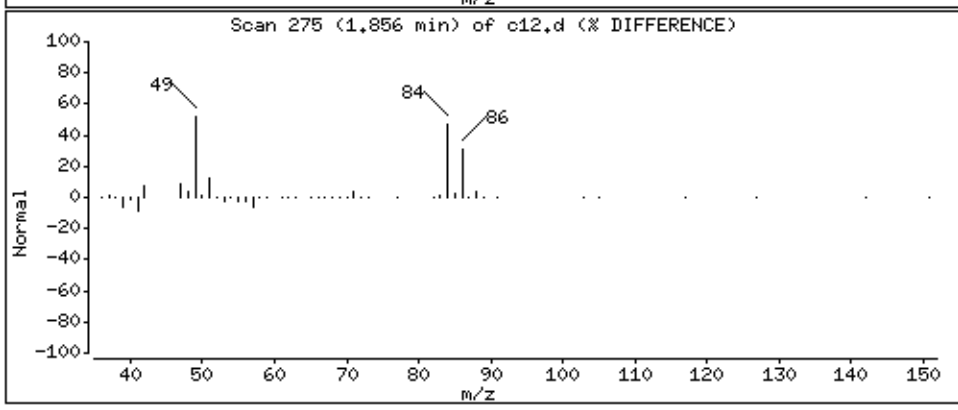
Concentration: 39.6 ppb

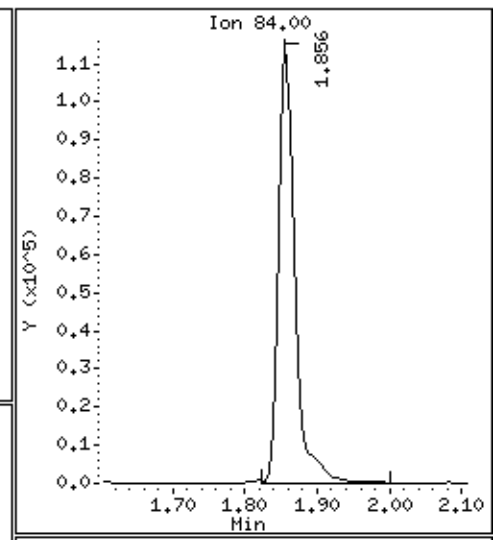
Review Code:

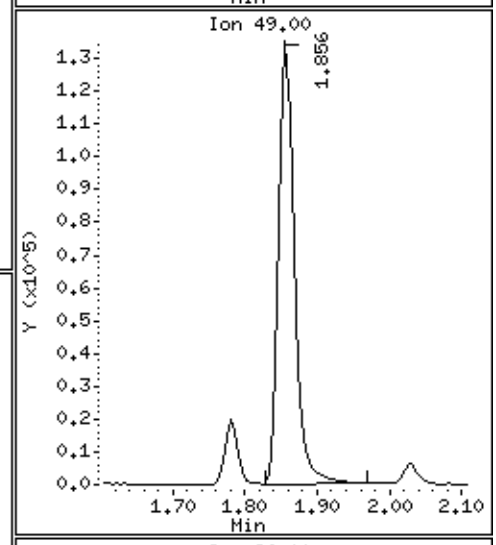


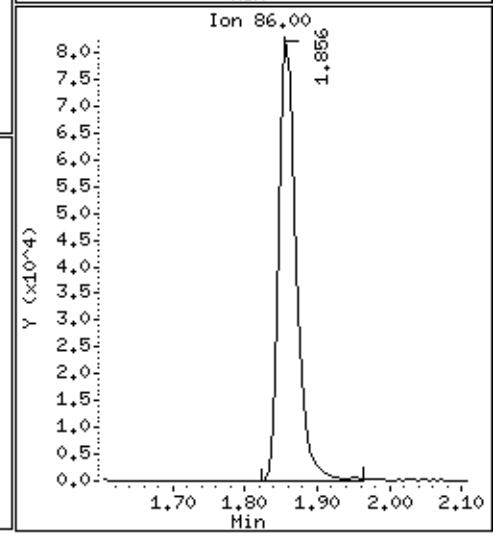












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

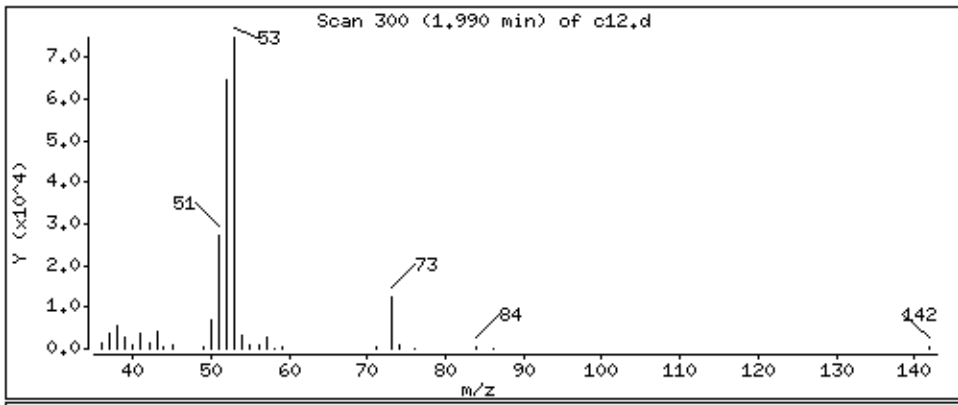
Column phase: DB-624

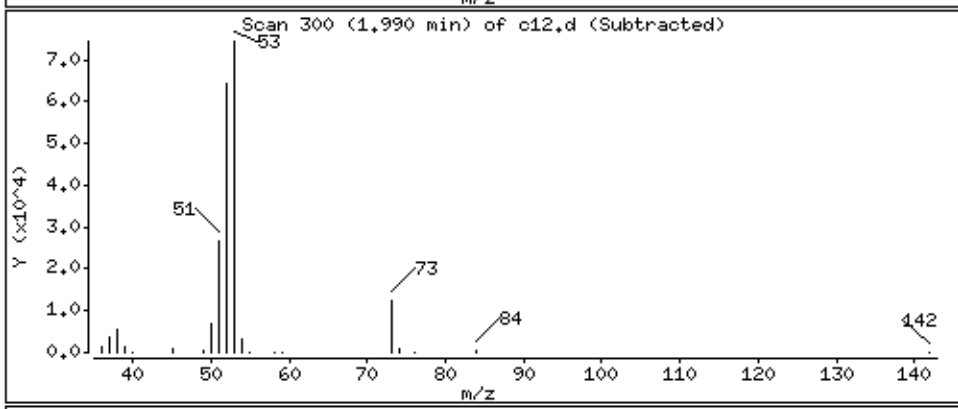
Column diameter: 0.18

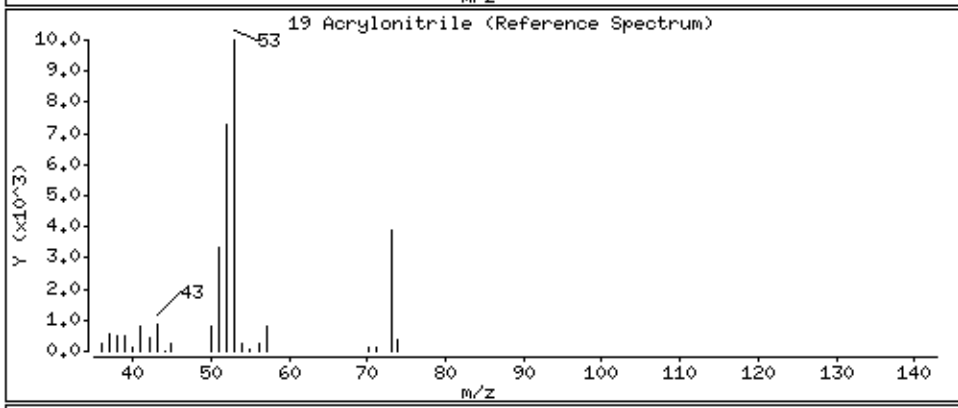
19 Acrylonitrile

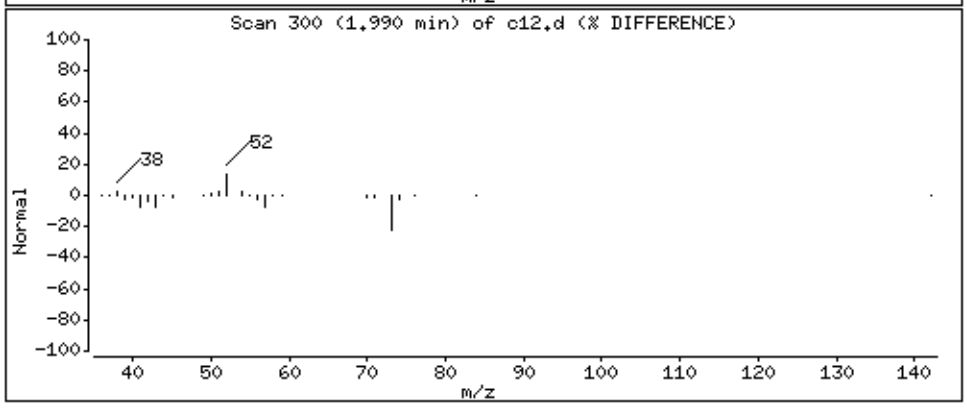
Concentration: 189 ppb

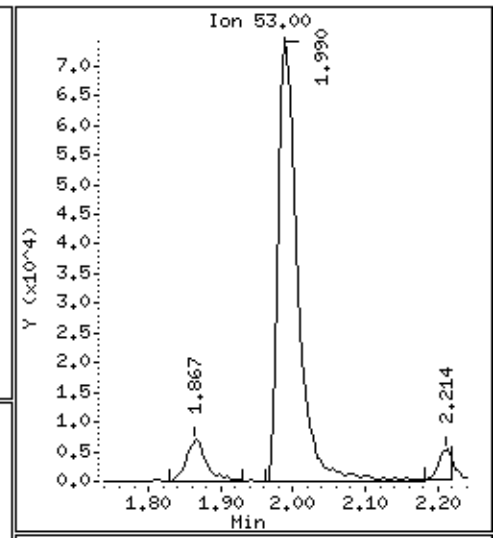
Review Code:

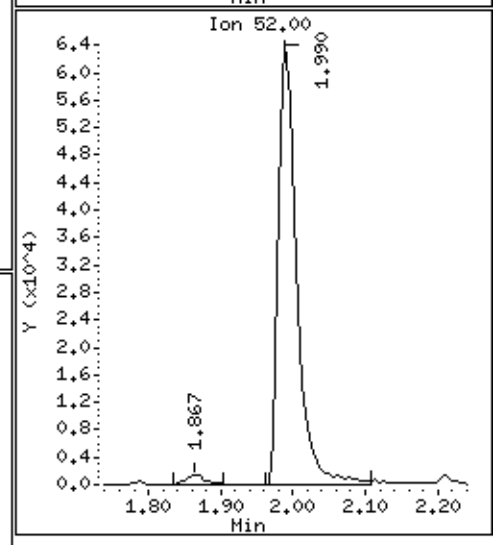












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

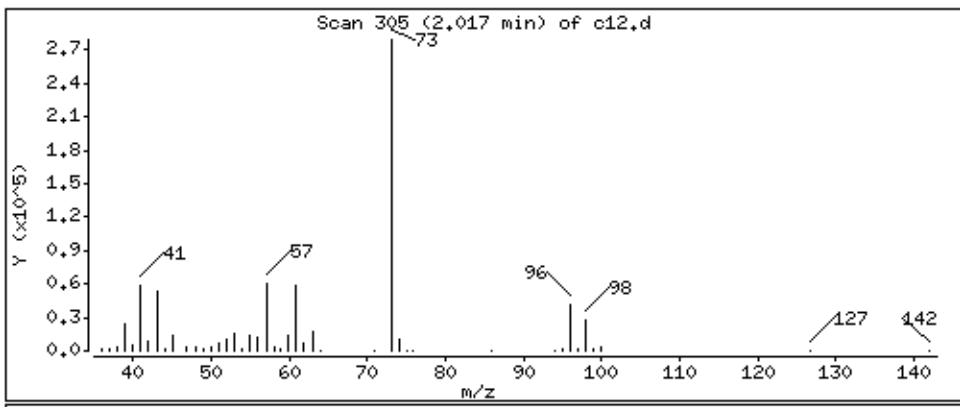
Column phase: DB-624

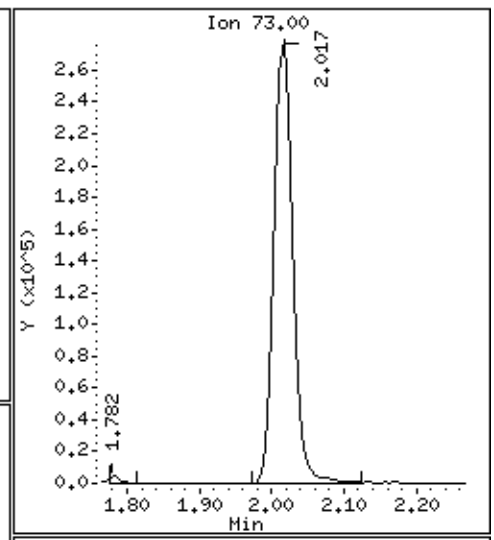
Column diameter: 0.18

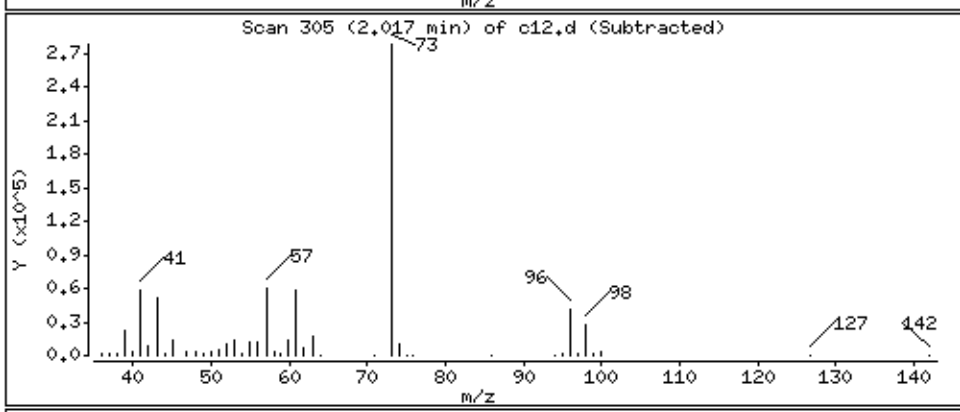
20 Methyl-tert-butyl ether

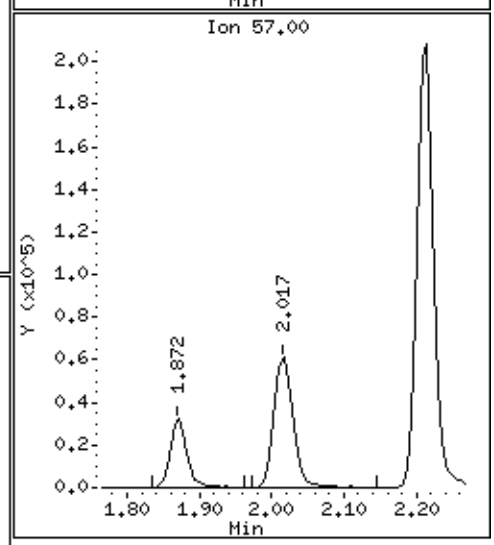
Concentration: 44.9 ppb

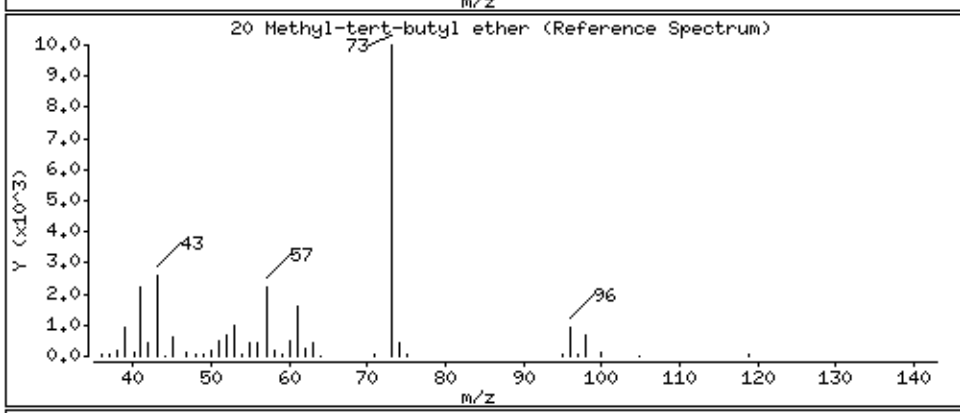
Review Code:

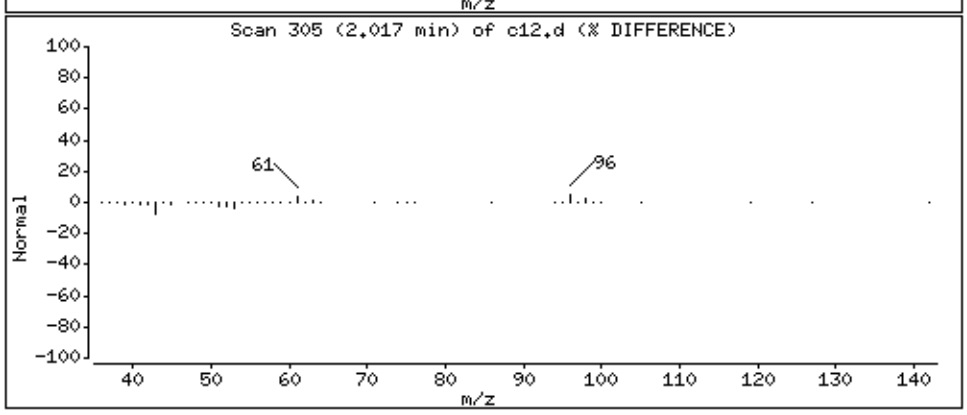












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

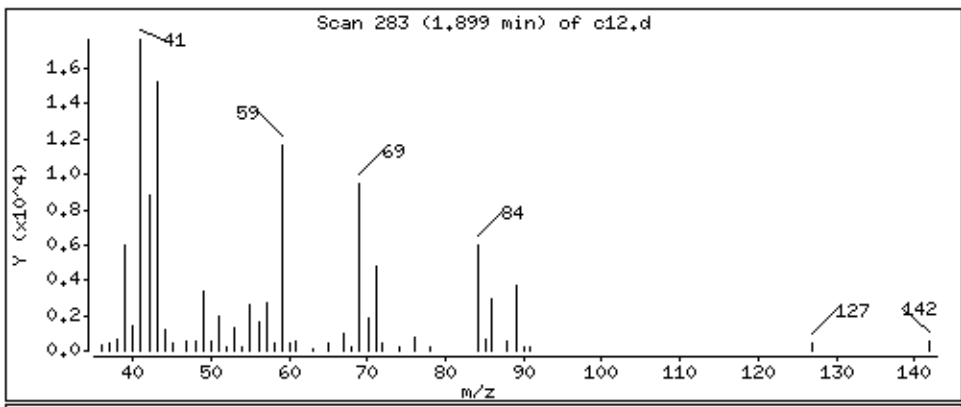
Column phase: DB-624

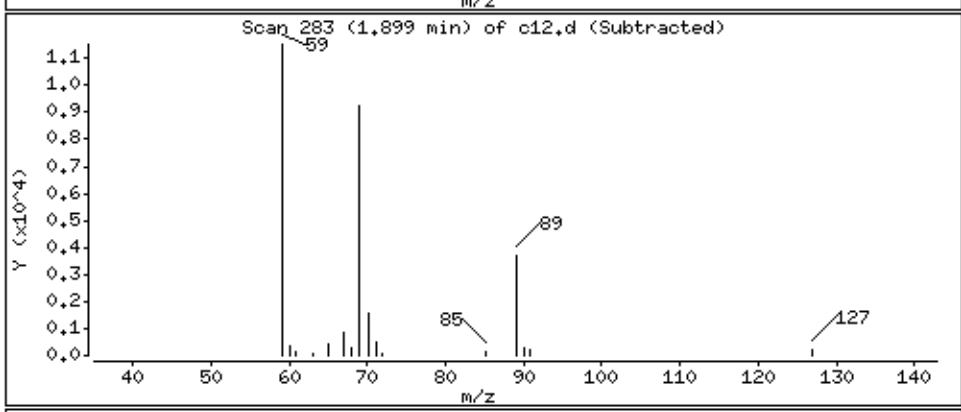
Column diameter: 0.18

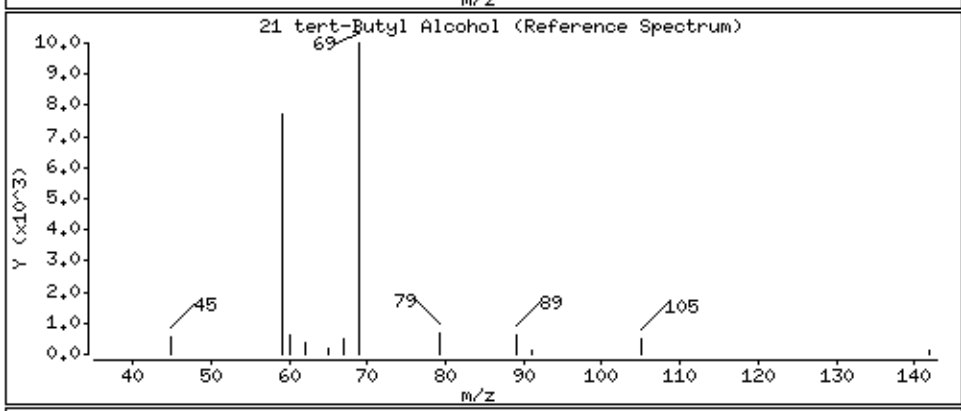
21 tert-Butyl Alcohol

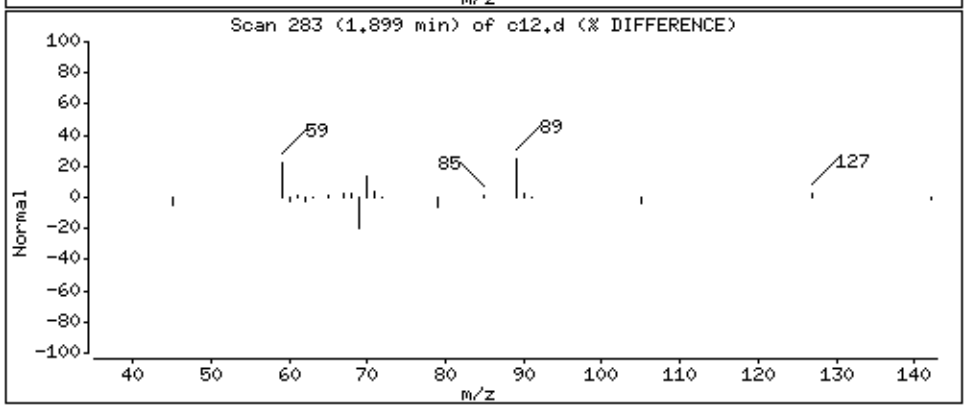
Concentration: 81.5 ppb

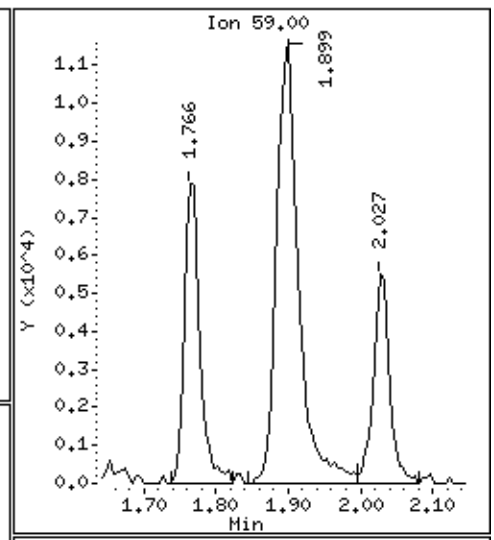
Review Code:

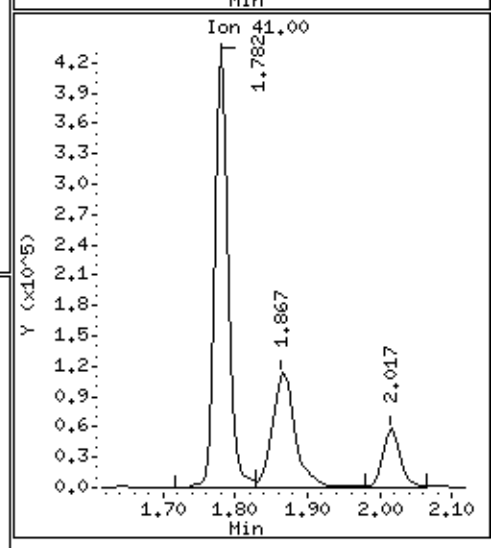












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

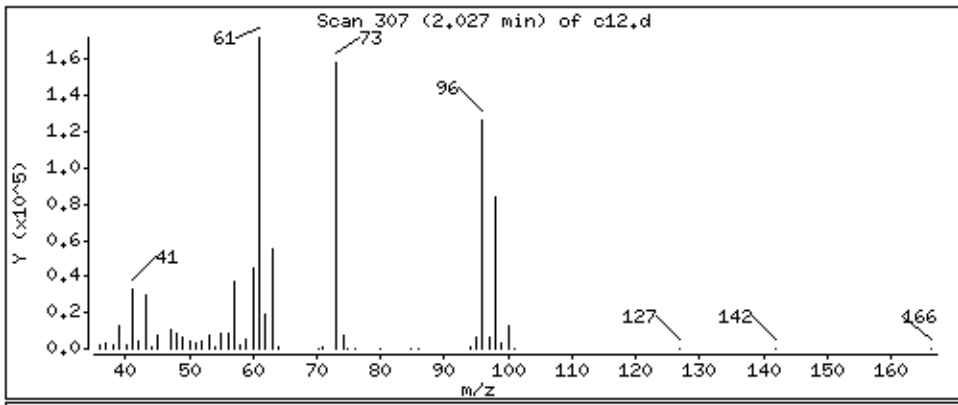
Column phase: DB-624

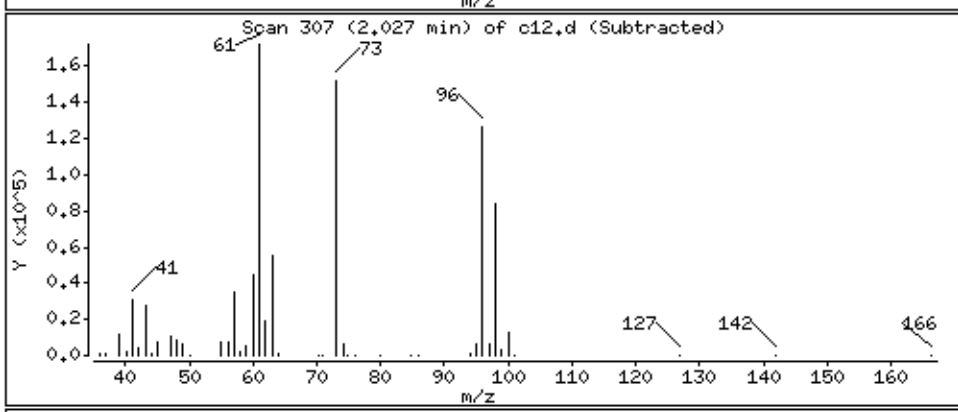
Column diameter: 0.18

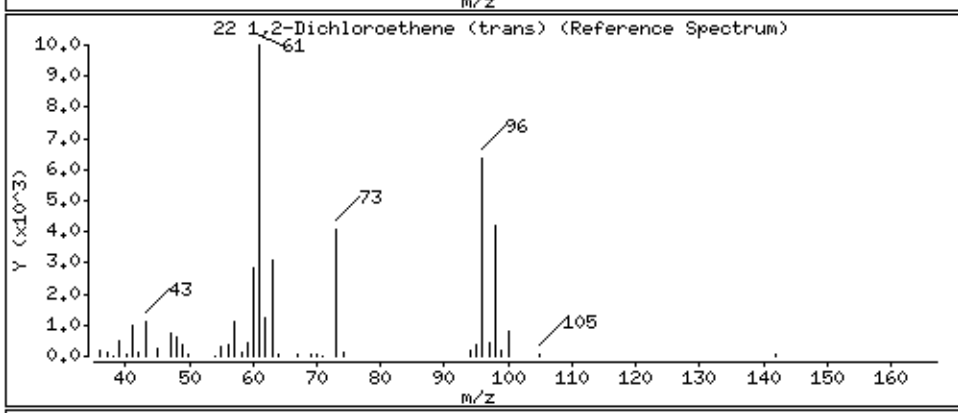
22 1,2-Dichloroethene (trans)

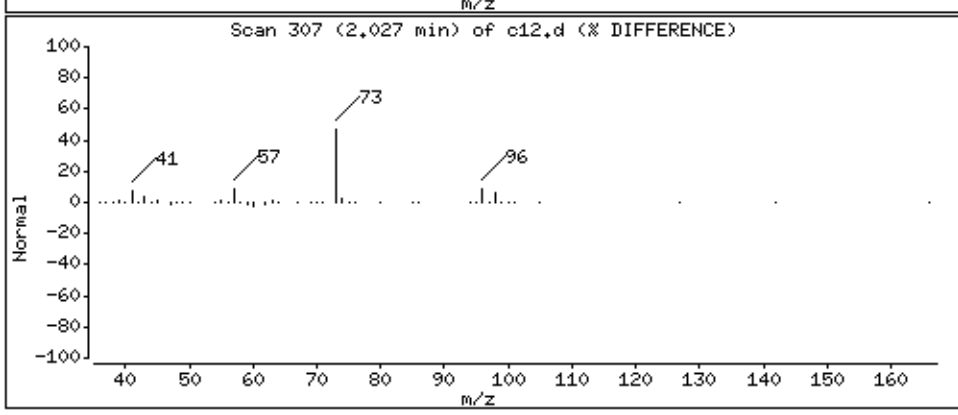
Concentration: 39.9 ppb

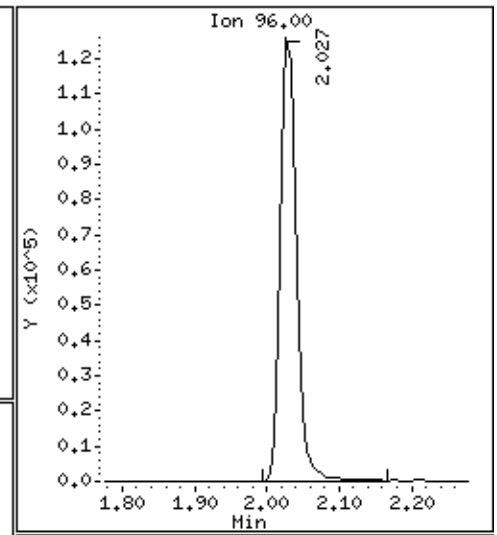
Review Code:

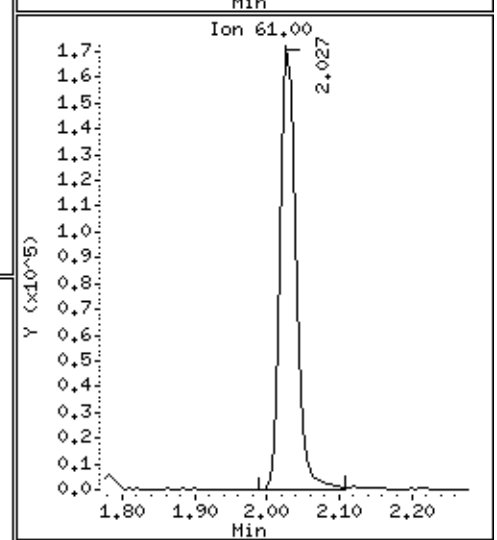


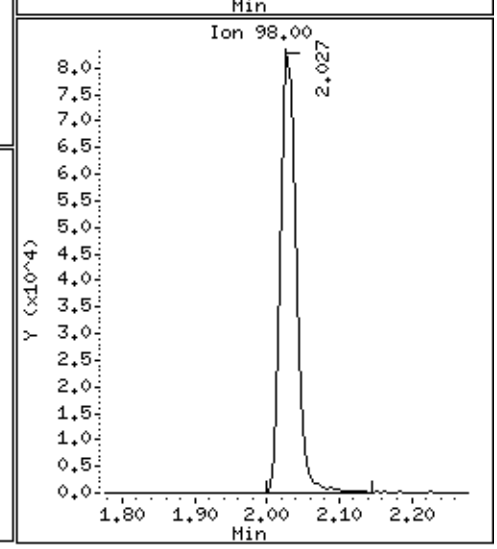












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

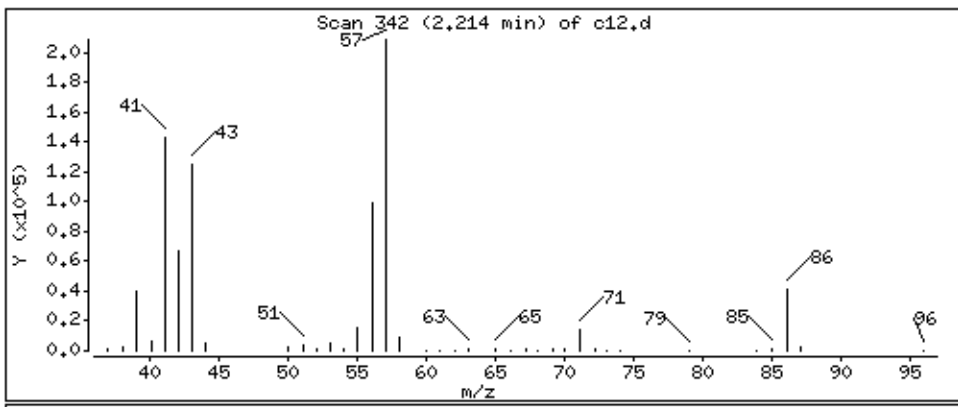
Column phase: DB-624

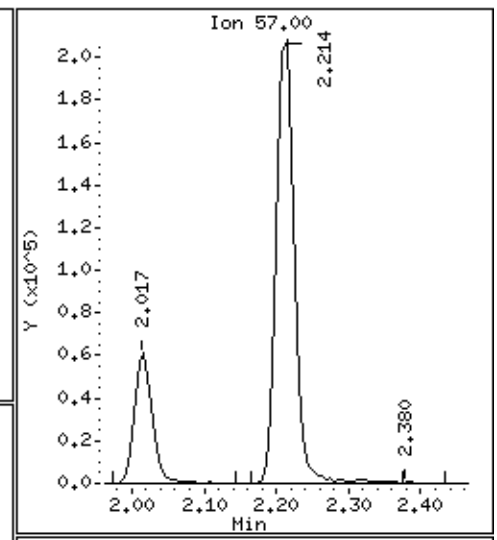
Column diameter: 0.18

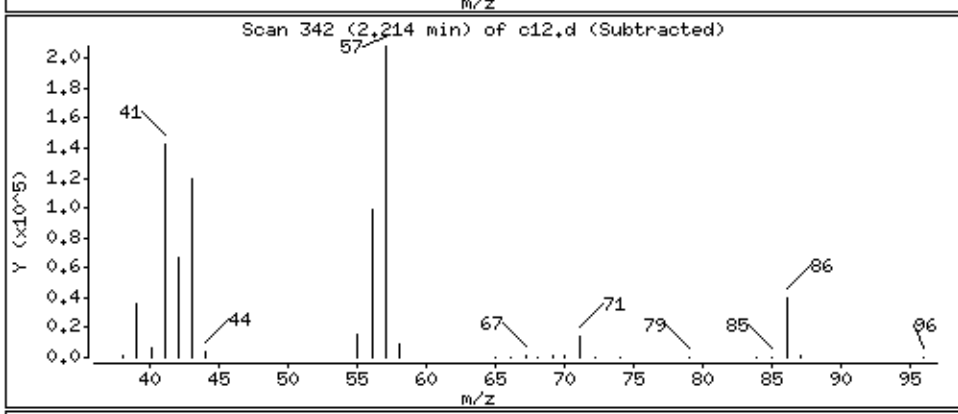
23 n-Hexane

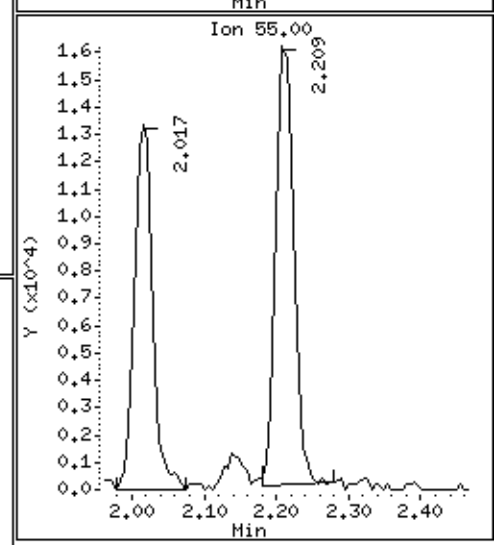
Concentration: 36.2 ppb

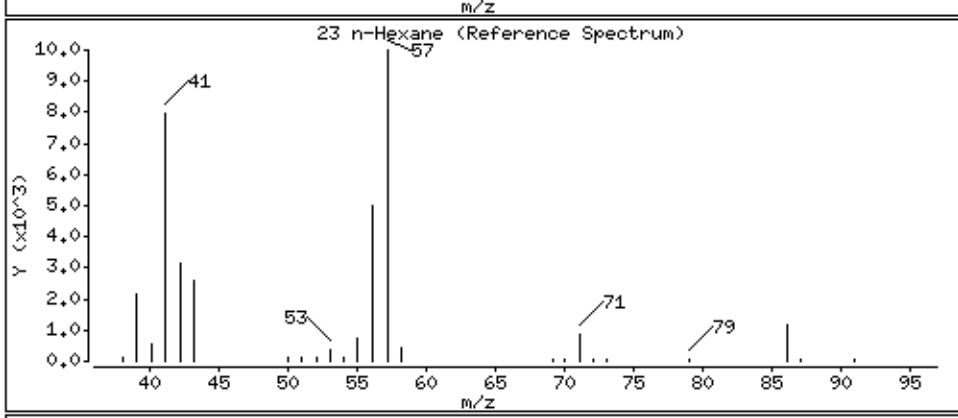
Review Code:

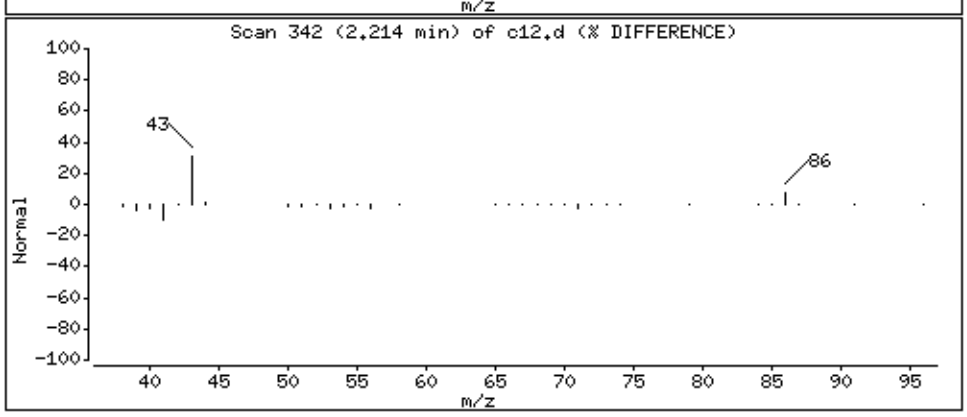












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

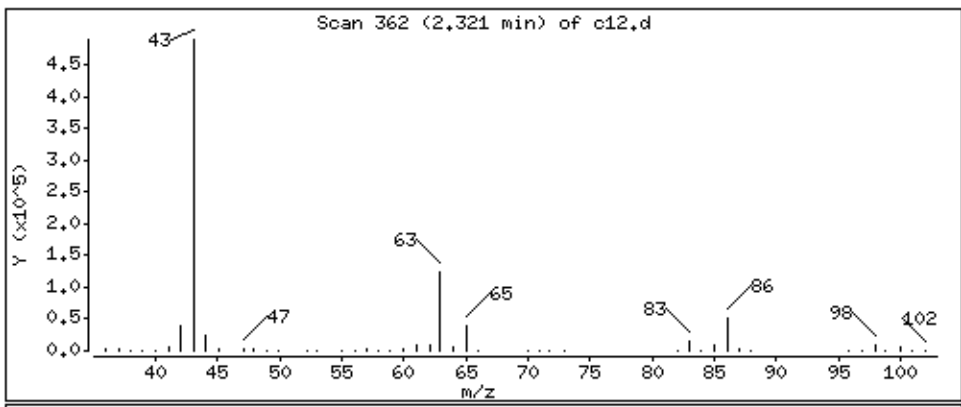
Column phase: DB-624

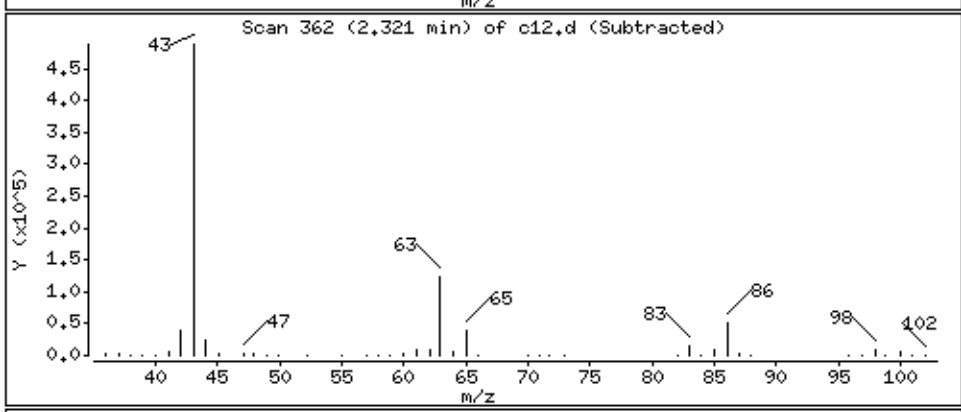
Column diameter: 0.18

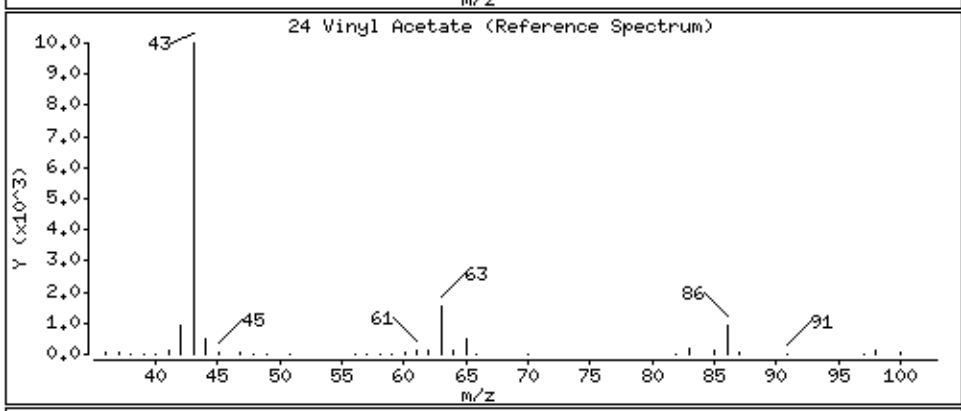
24 Vinyl Acetate

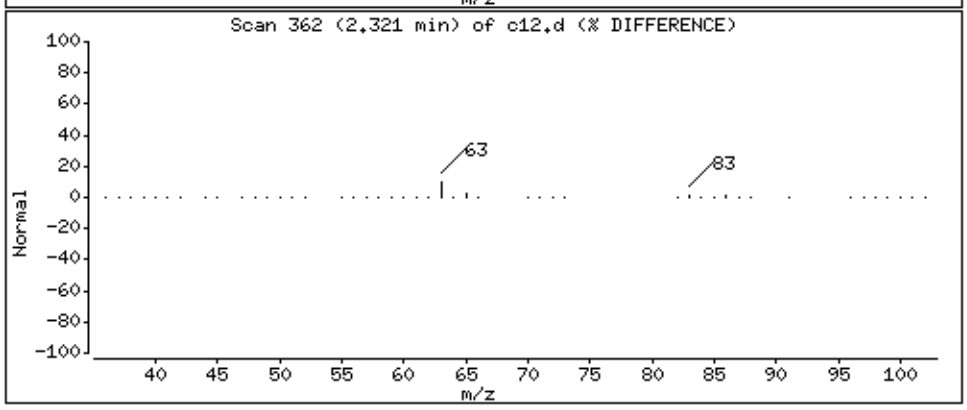
Concentration: 129 ppb

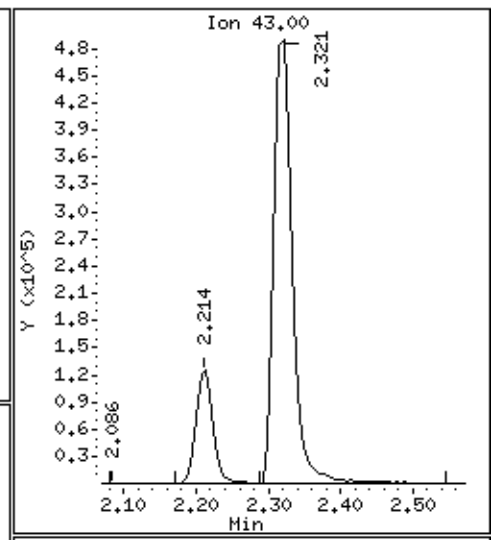
Review Code:

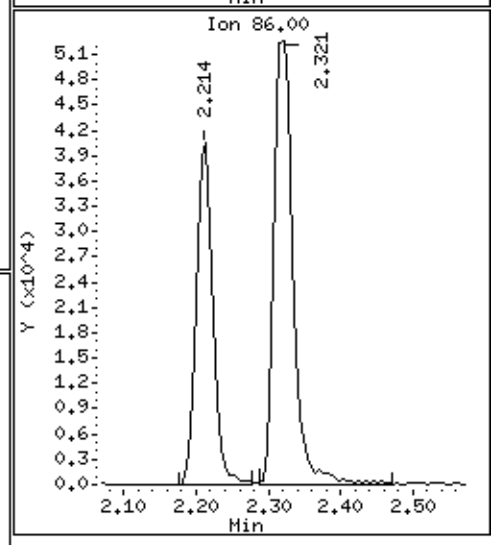












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

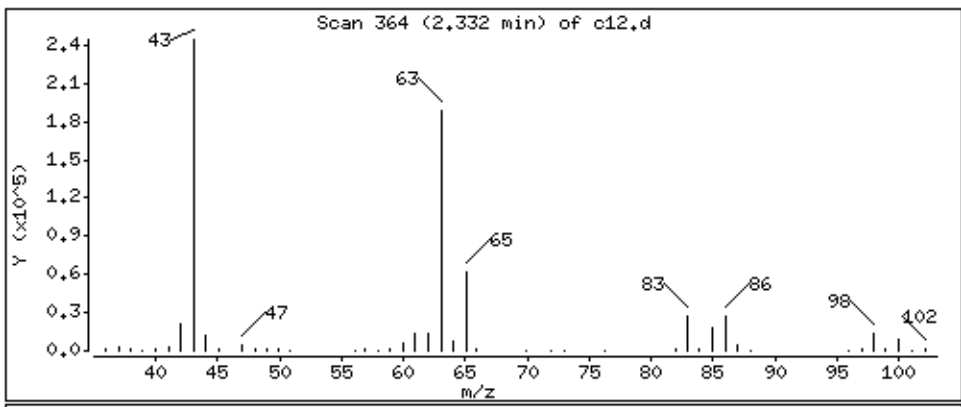
Column phase: DB-624

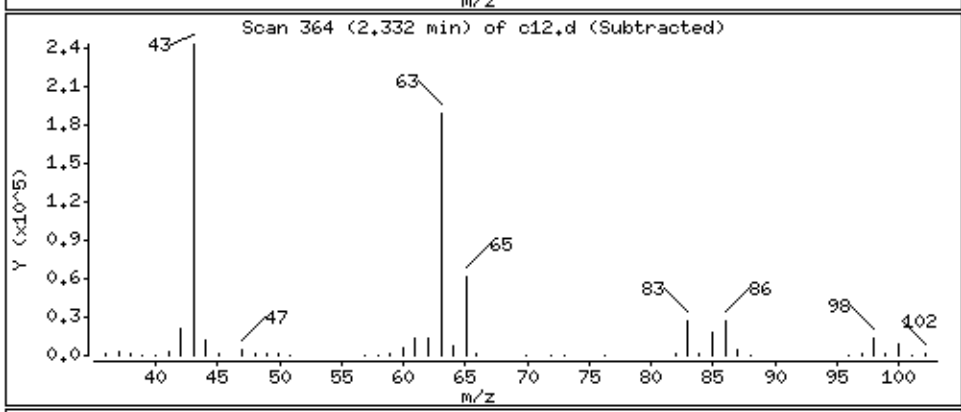
Column diameter: 0.18

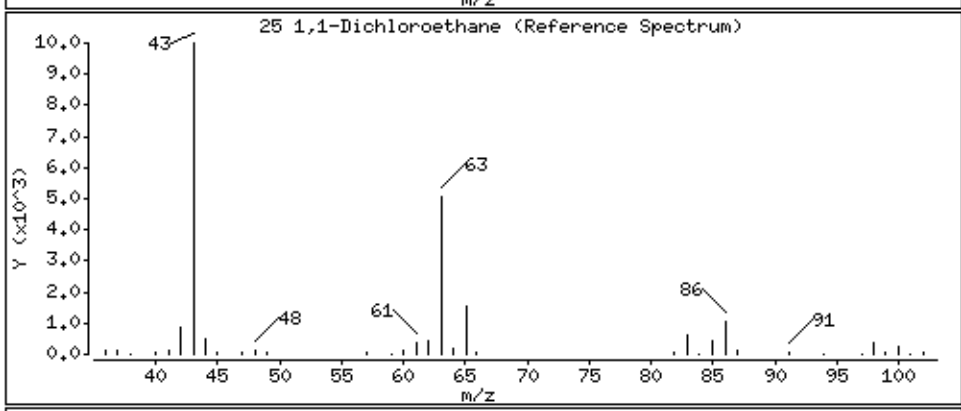
25 1,1-Dichloroethane

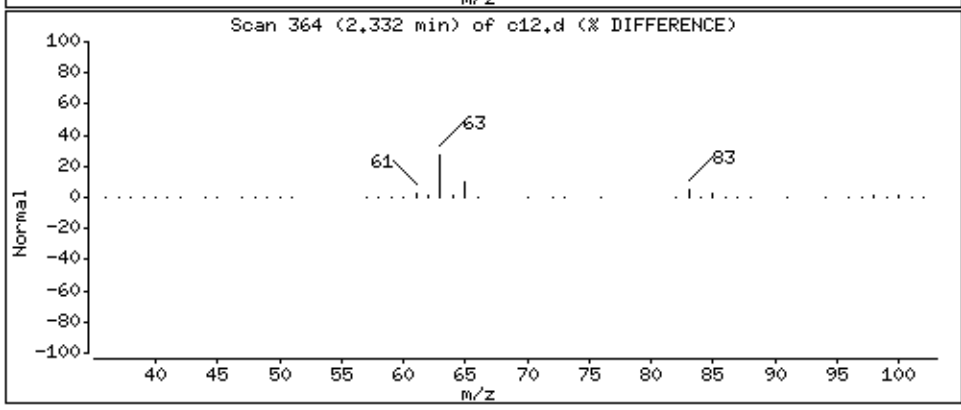
Concentration: 39.4 ppb

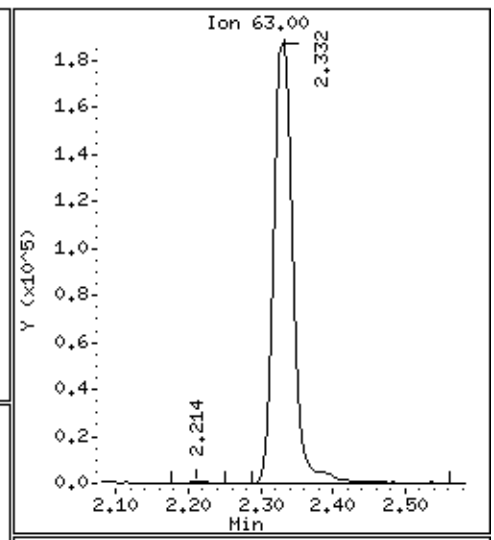
Review Code:

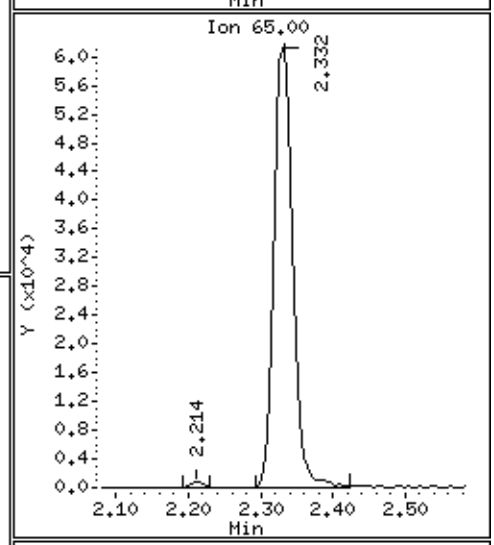


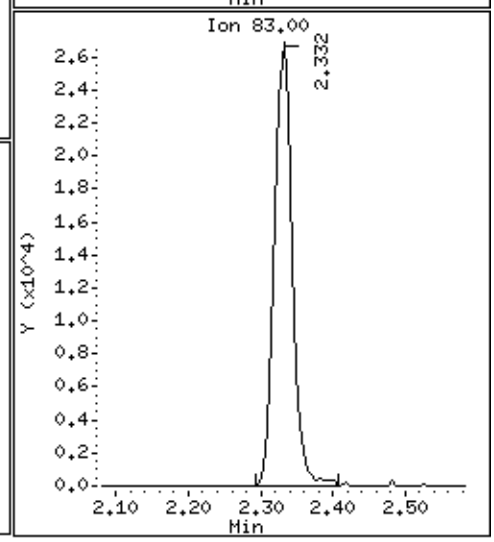












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

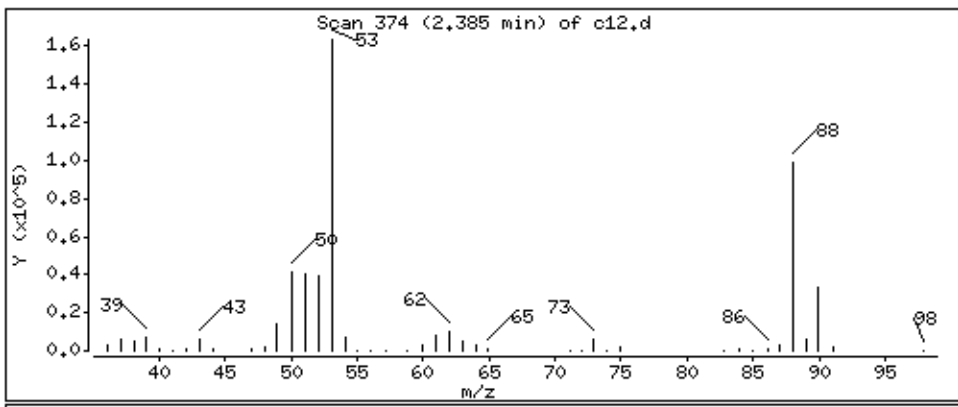
Column phase: DB-624

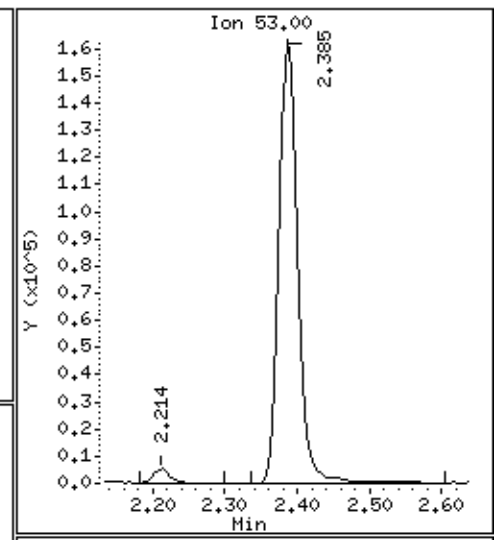
Column diameter: 0.18

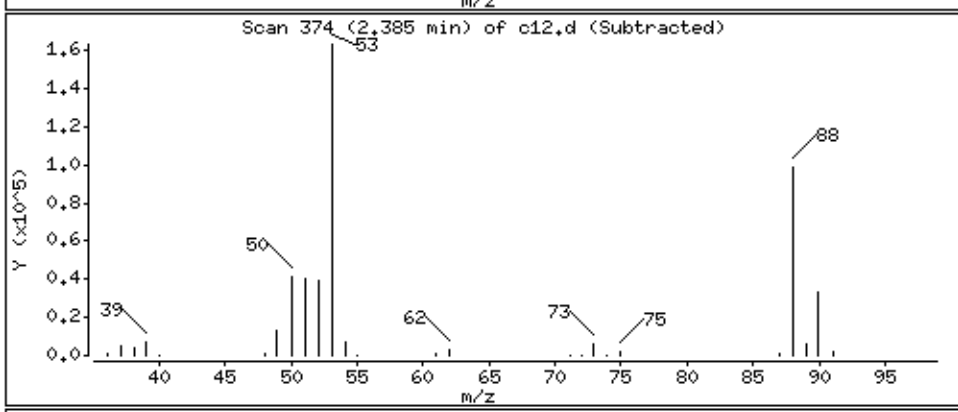
26 Chloroprene

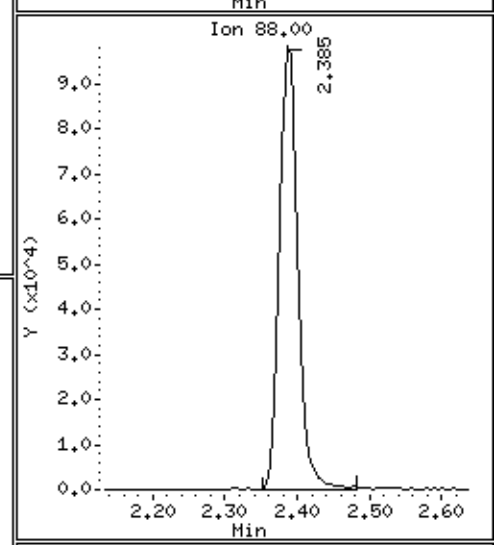
Concentration: 34.0 ppb

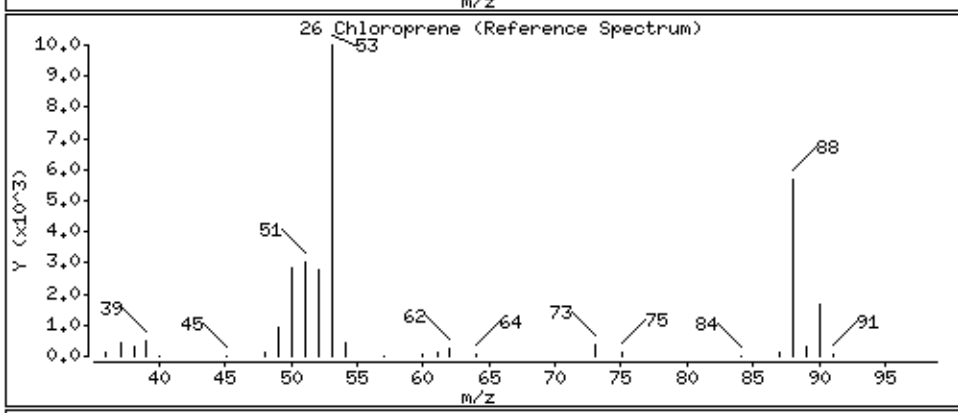
Review Code:

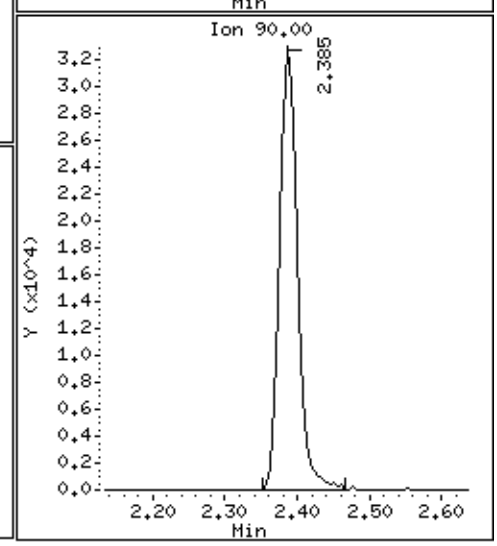


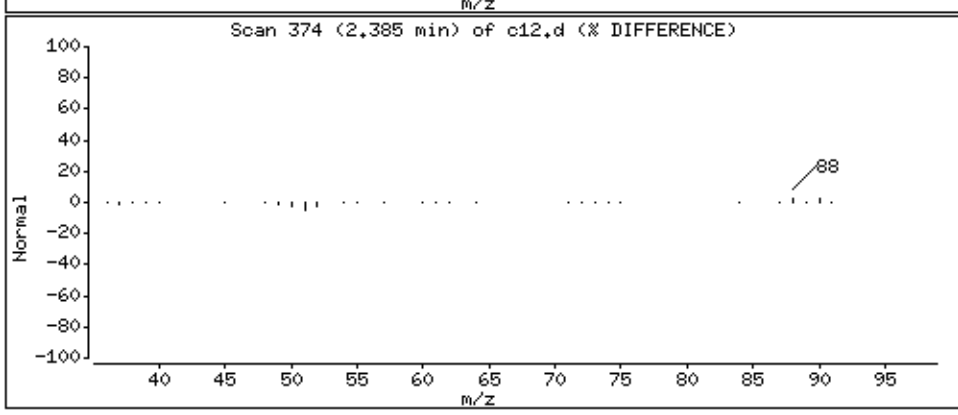












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

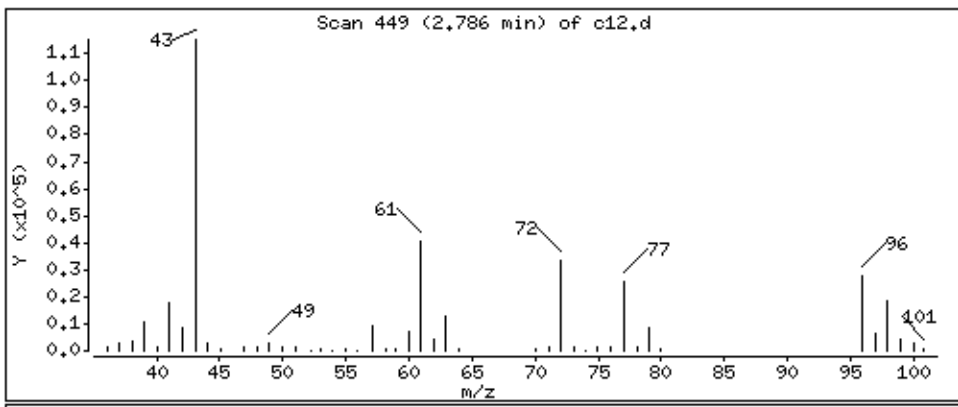
Column phase: DB-624

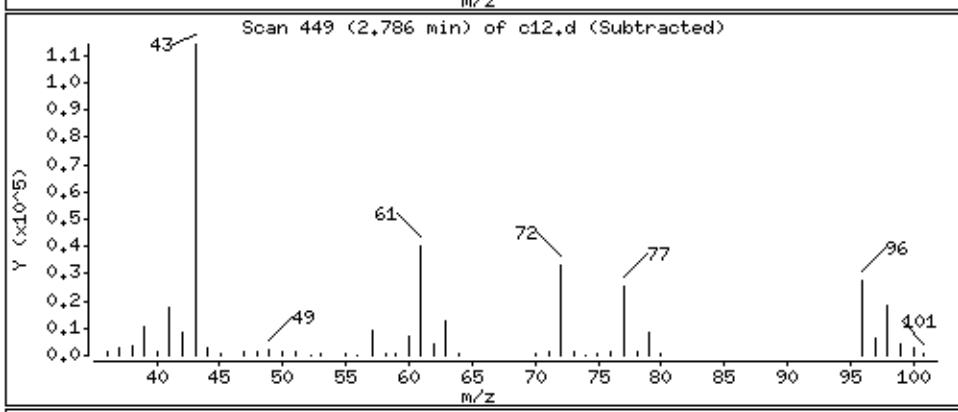
Column diameter: 0.18

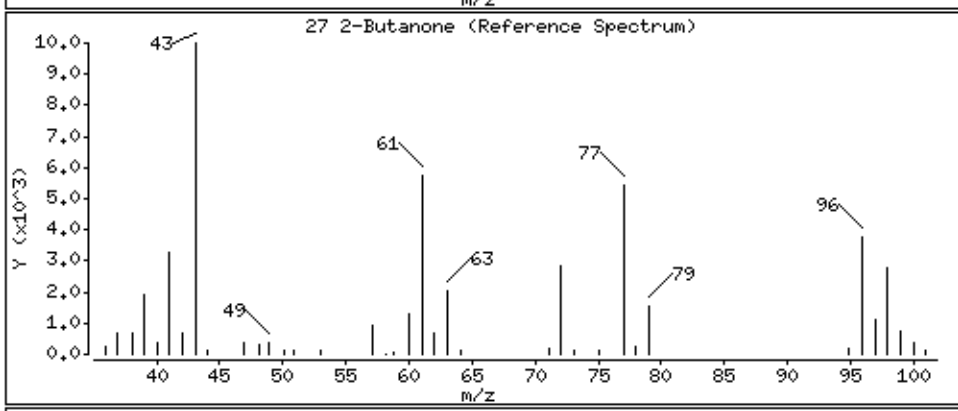
27 2-Butanone

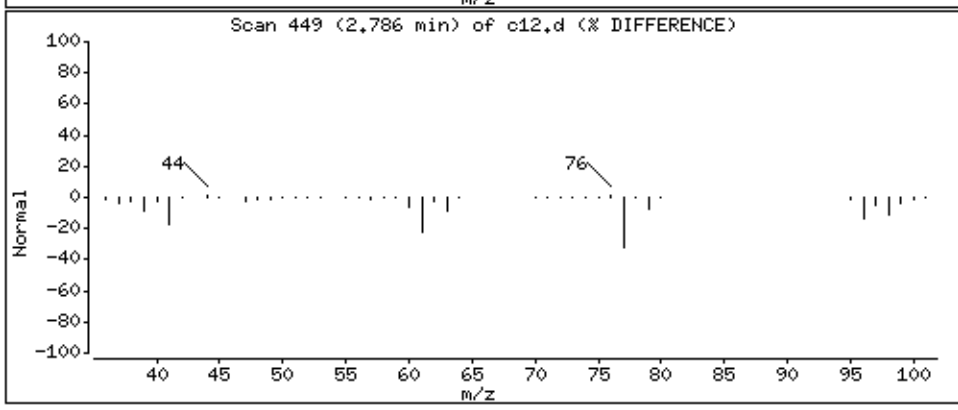
Concentration: 267 ppb

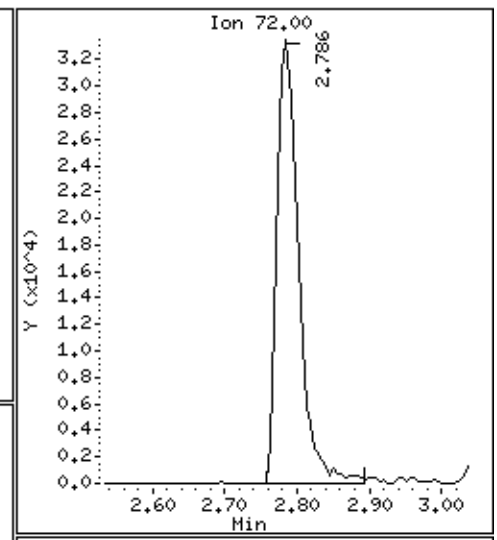
Review Code:

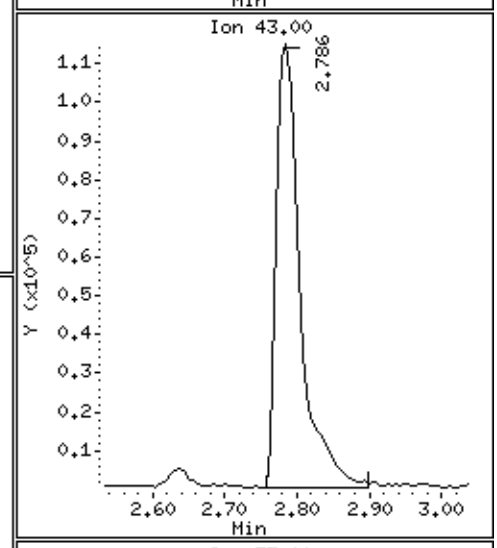


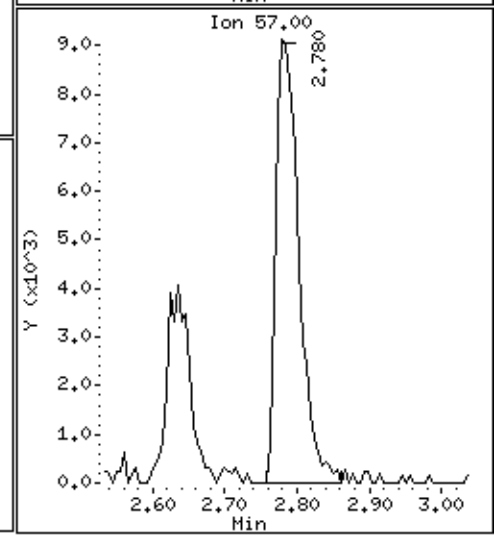












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

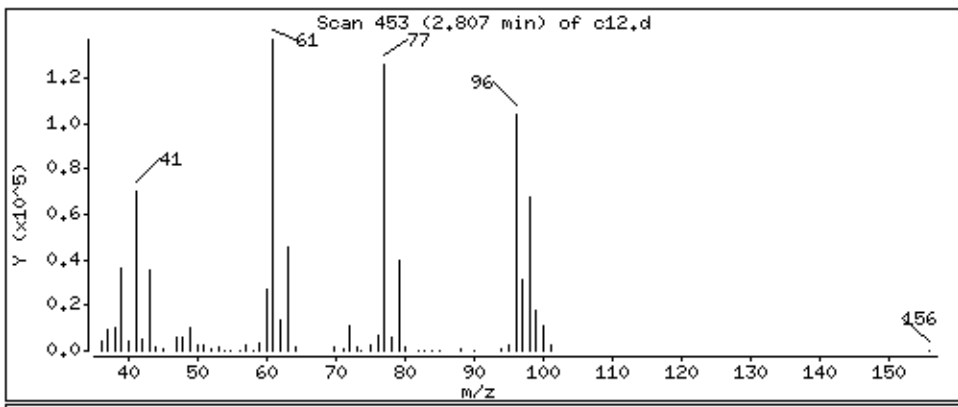
Column phase: DB-624

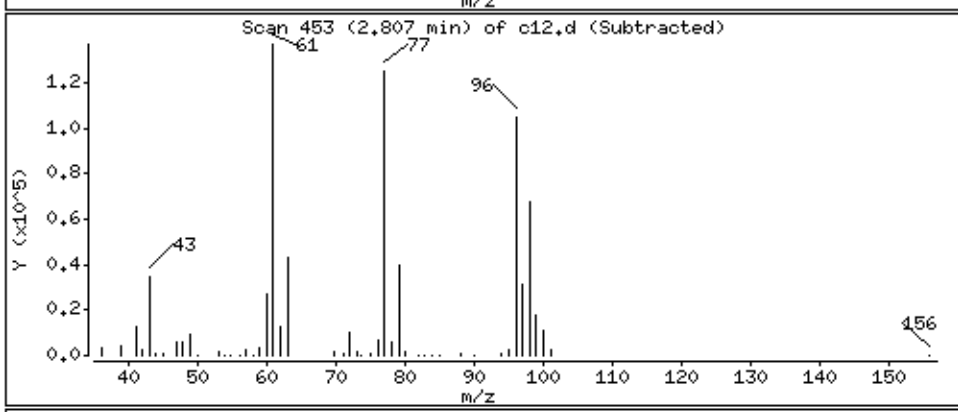
Column diameter: 0.18

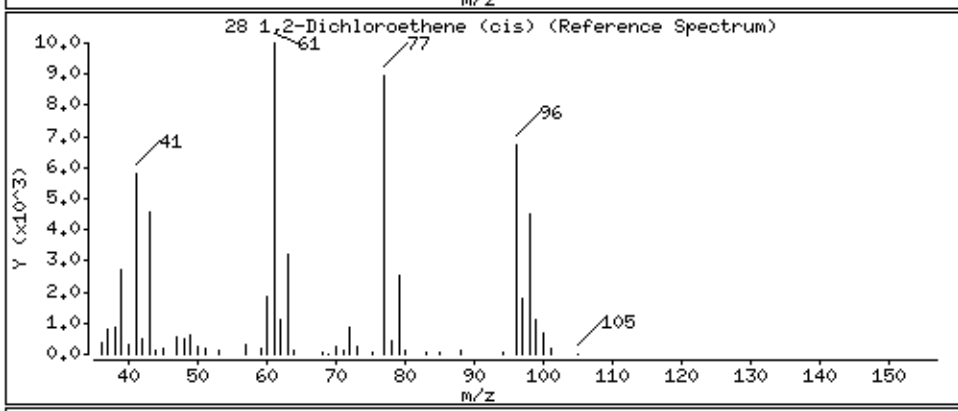
28 1,2-Dichloroethene (cis)

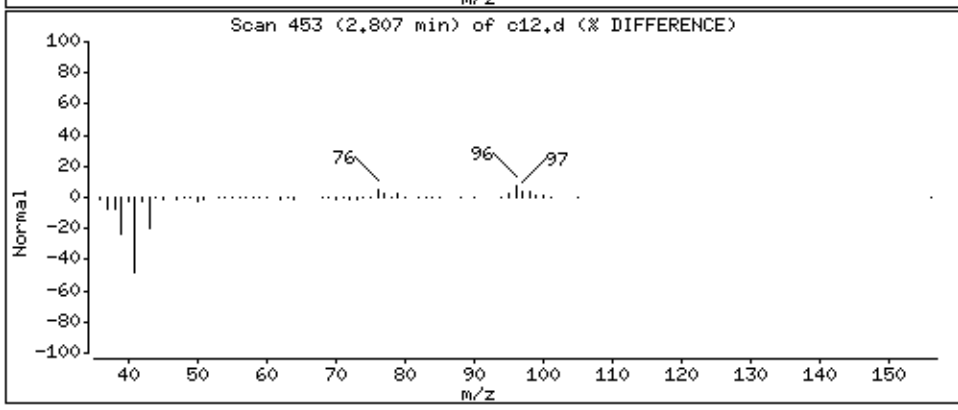
Concentration: 41.1 ppb

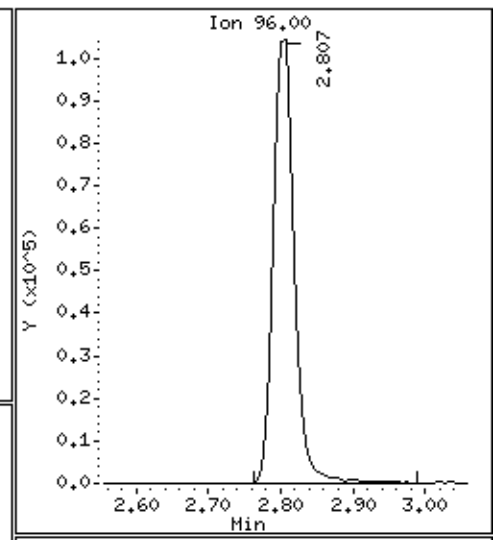
Review Code:

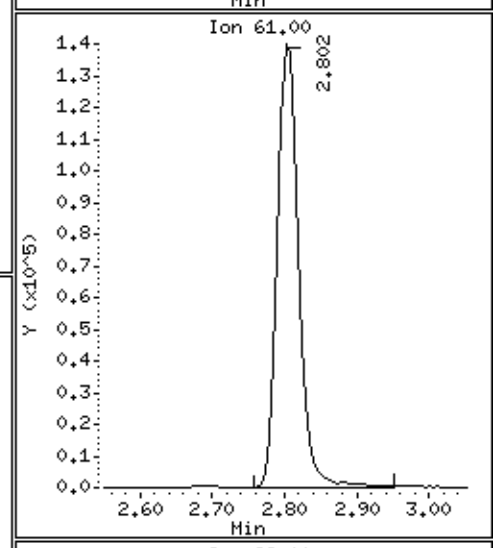


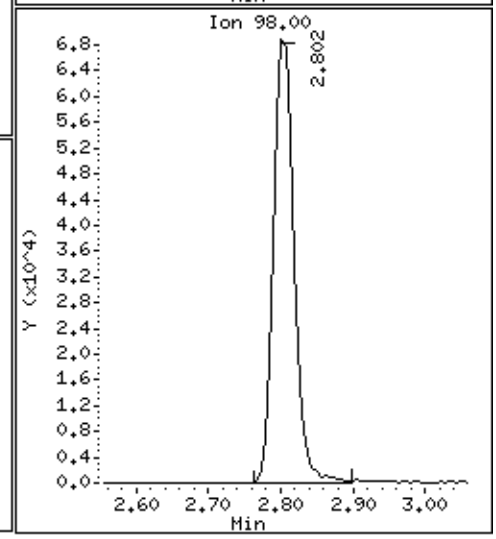












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

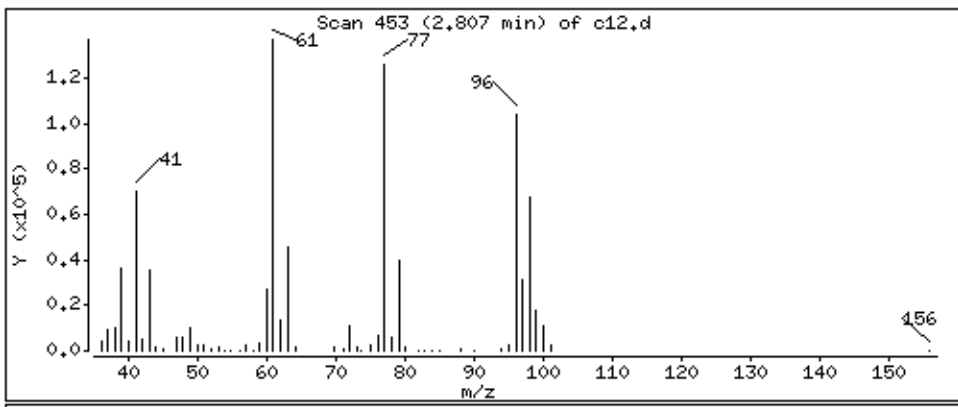
Column phase: DB-624

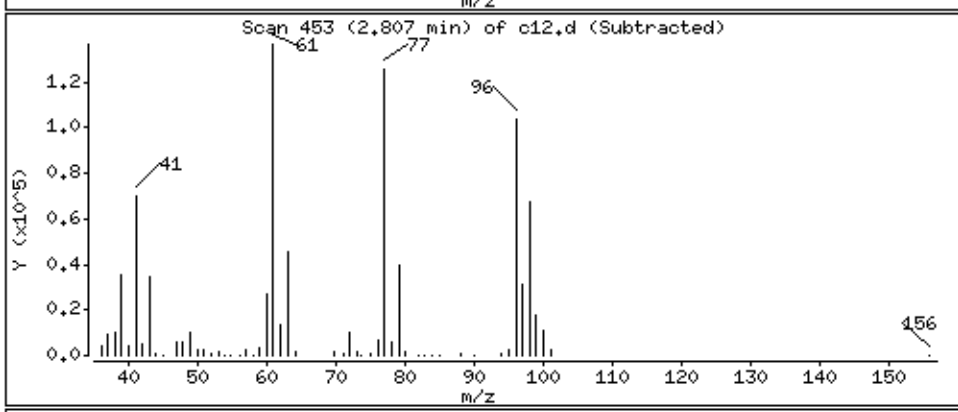
Column diameter: 0.18

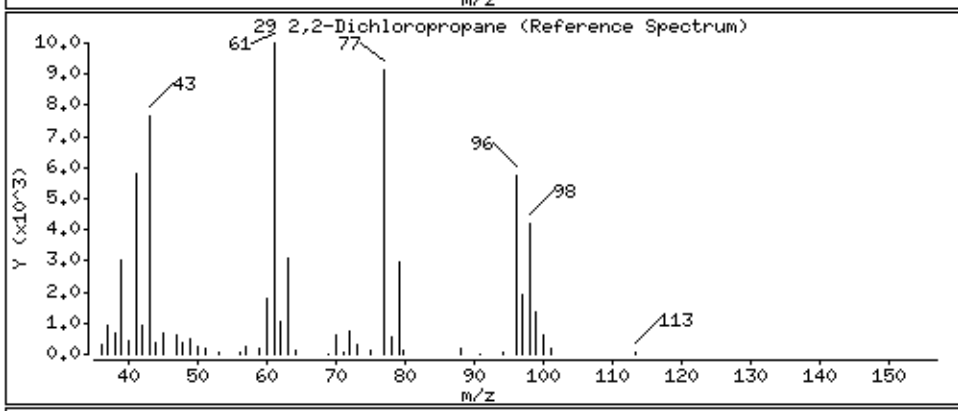
29 2,2-Dichloropropane

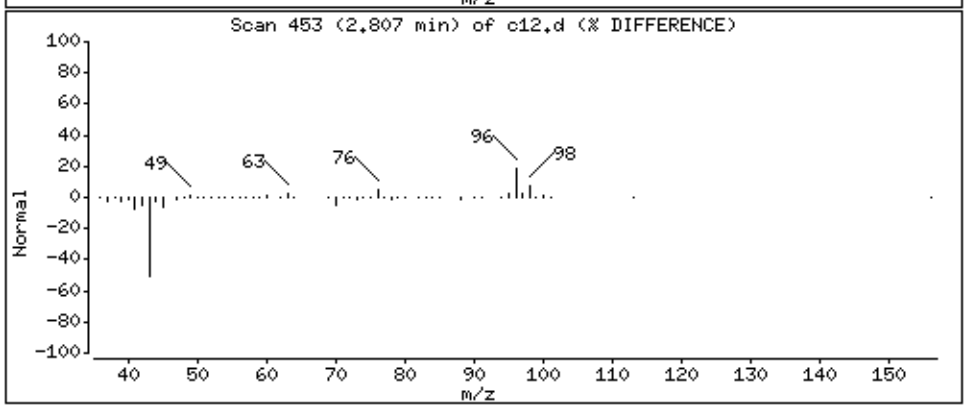
Concentration: 34.4 ppb

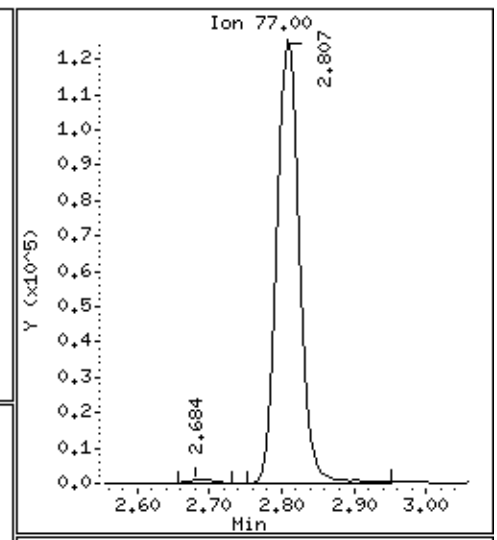
Review Code:

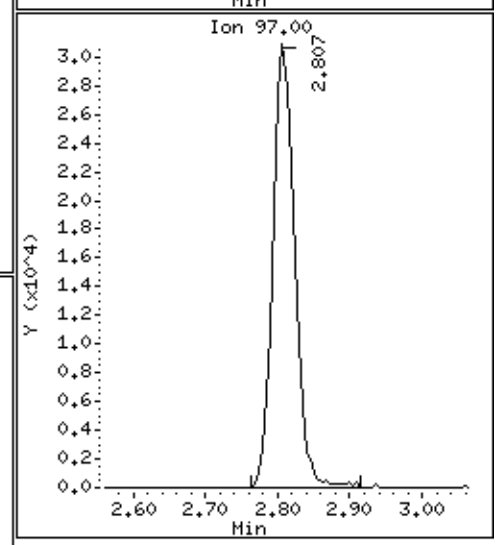












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

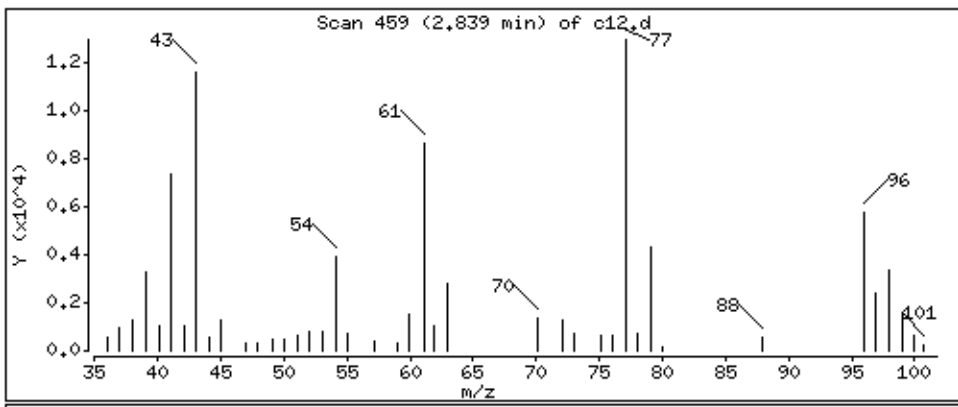
Column phase: DB-624

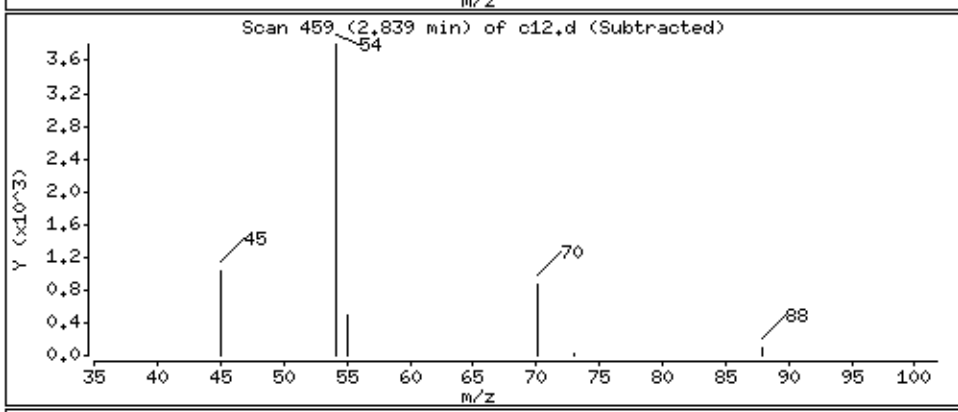
Column diameter: 0.18

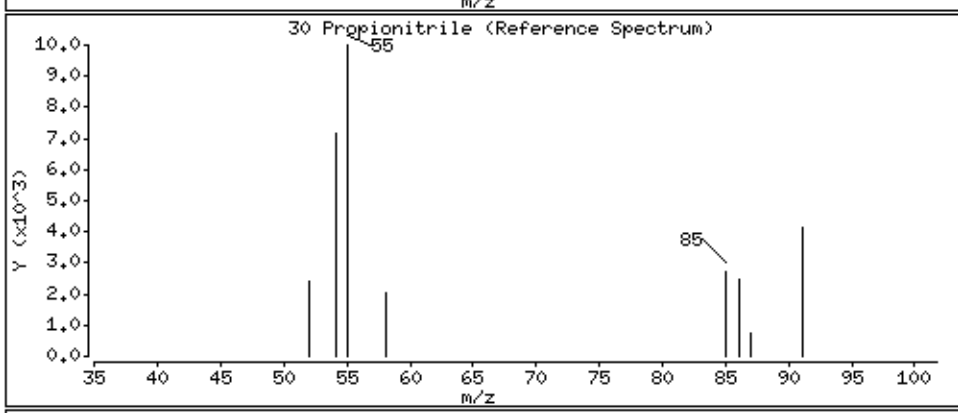
30 Propionitrile

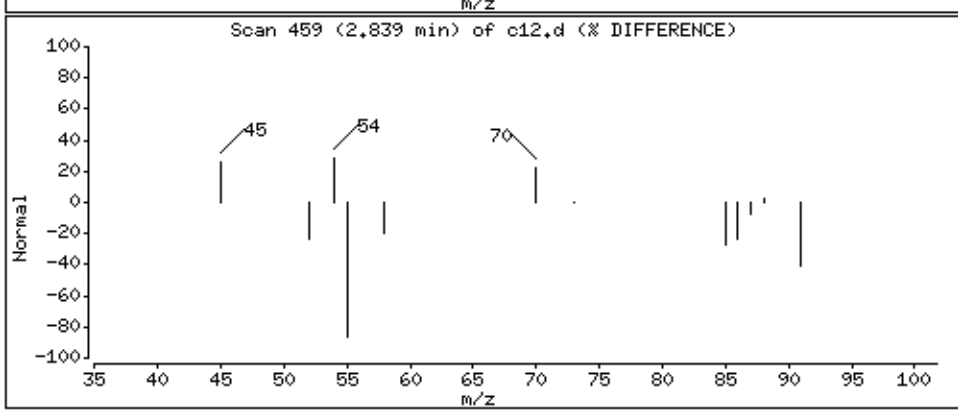
Concentration: 45.3 ppb

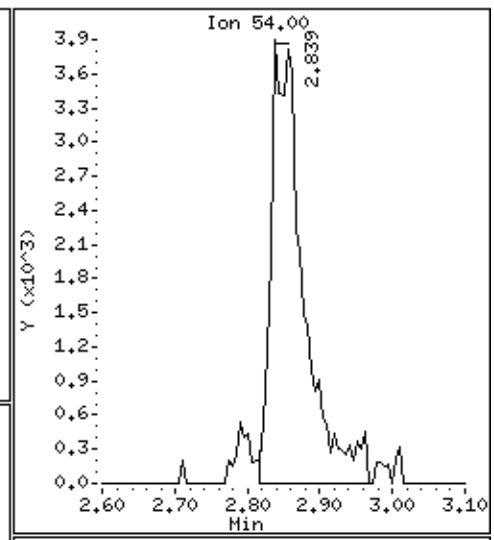
Review Code:

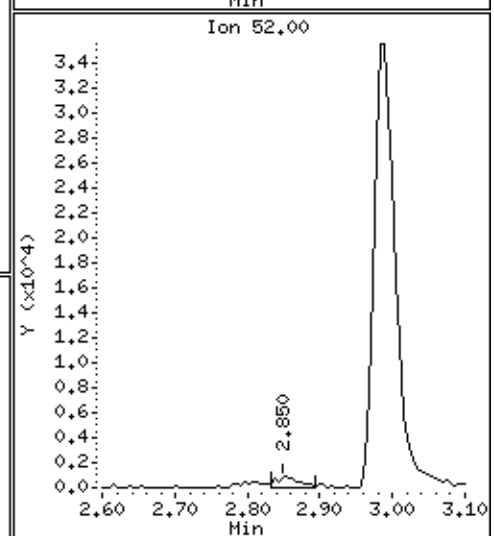


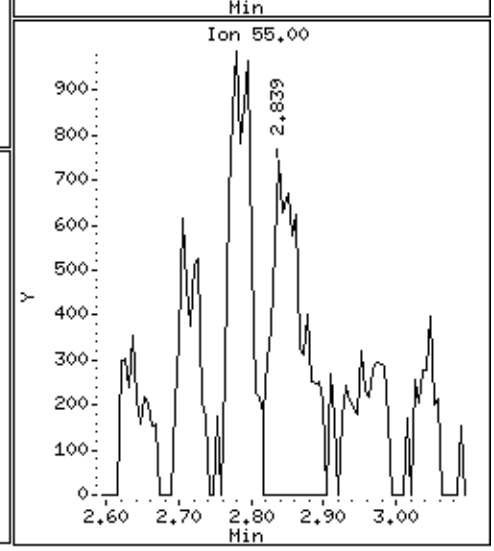












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

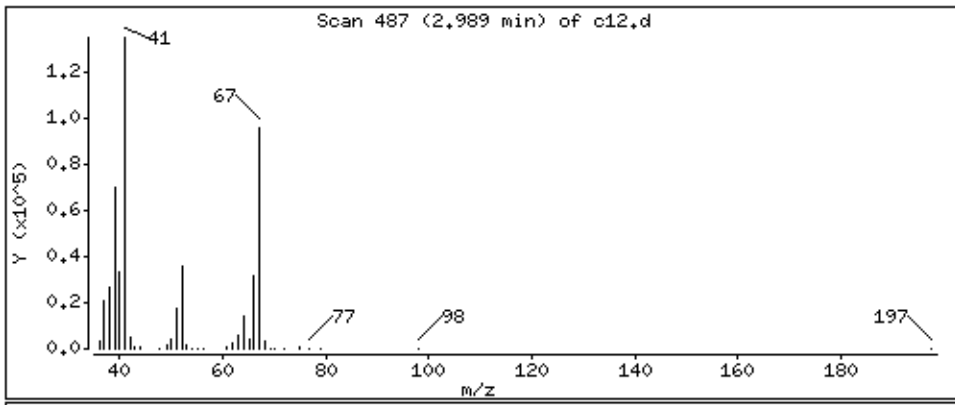
Column phase: DB-624

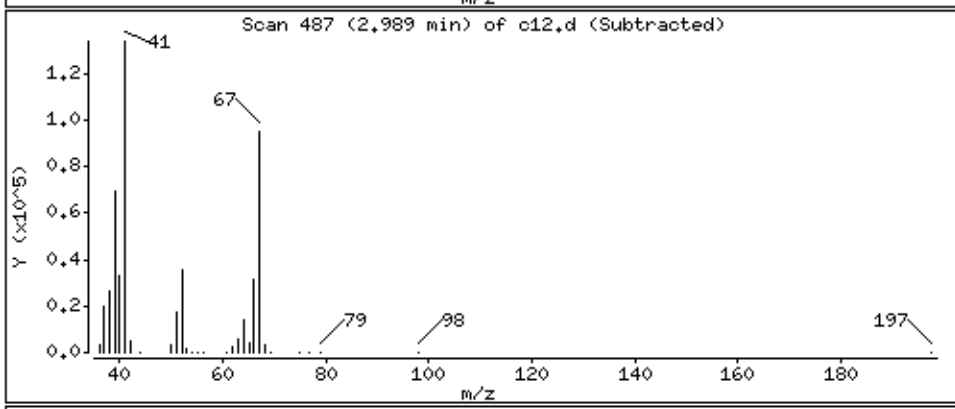
Column diameter: 0.18

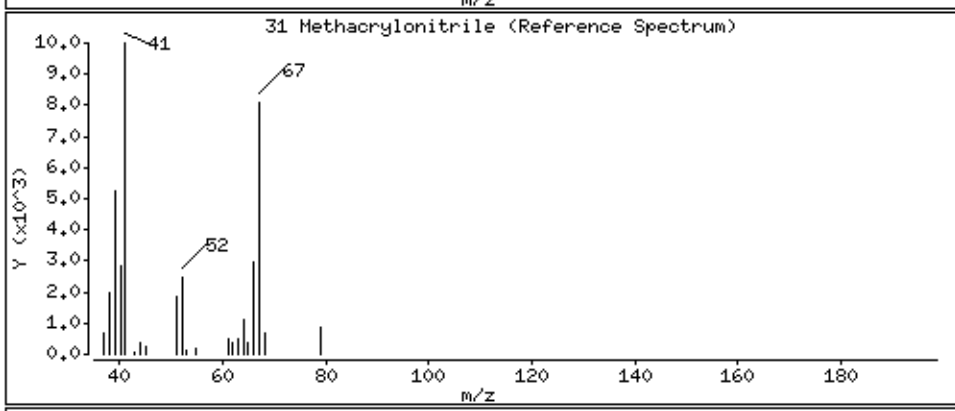
31 Methacrylonitrile

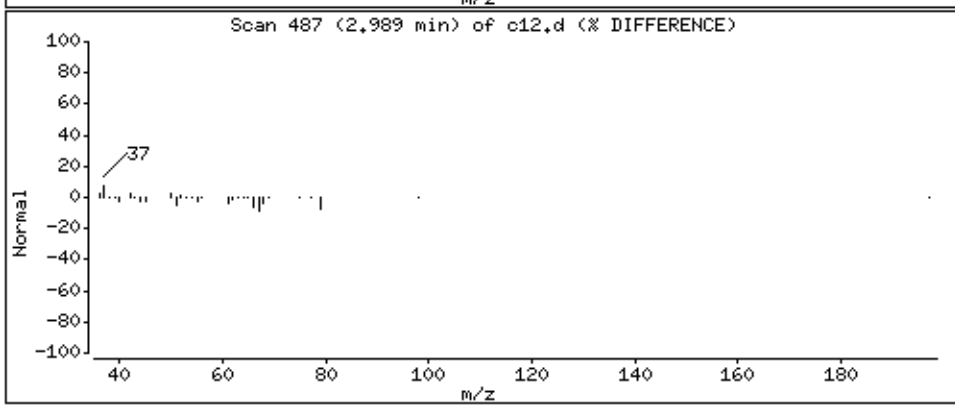
Concentration: 182 ppb

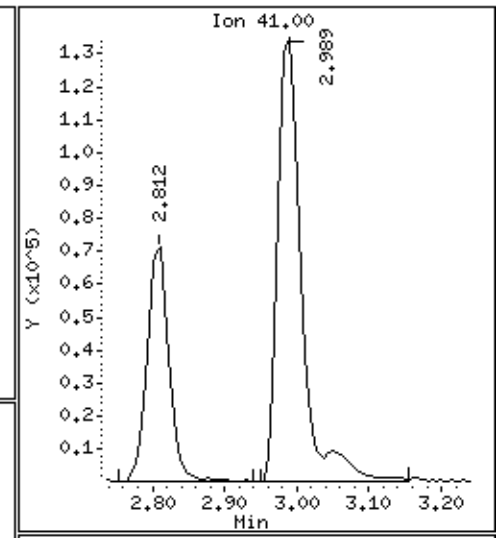
Review Code:

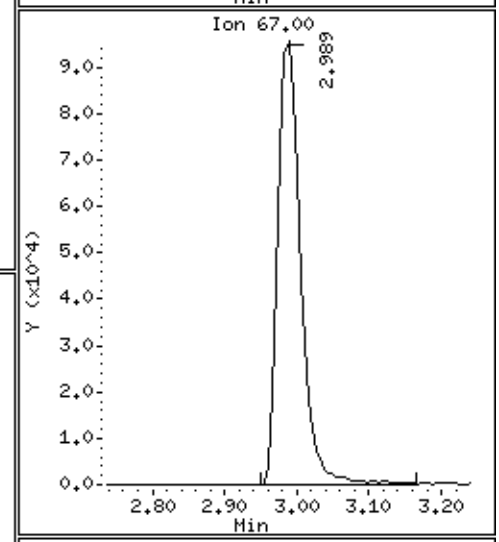


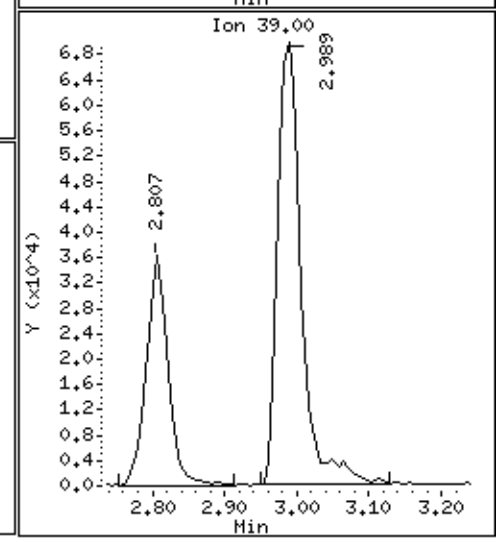












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

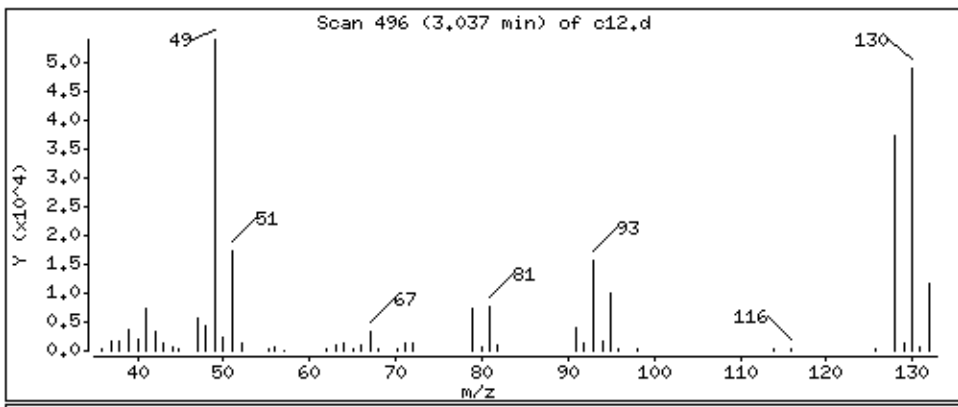
Column phase: DB-624

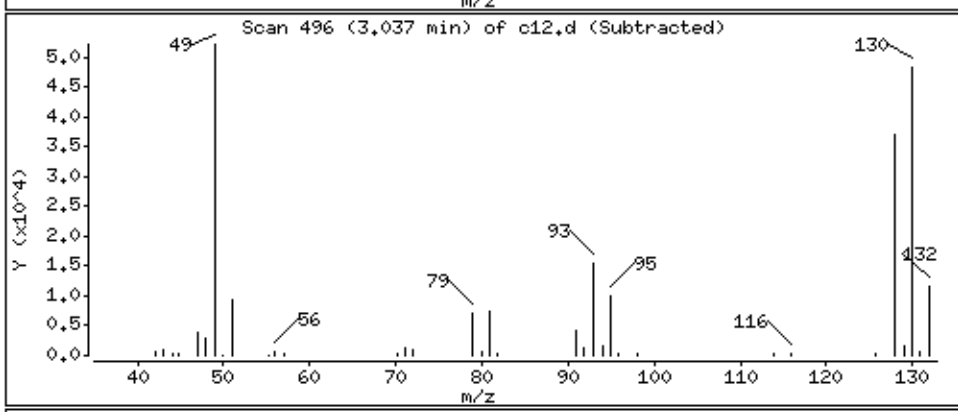
Column diameter: 0.18

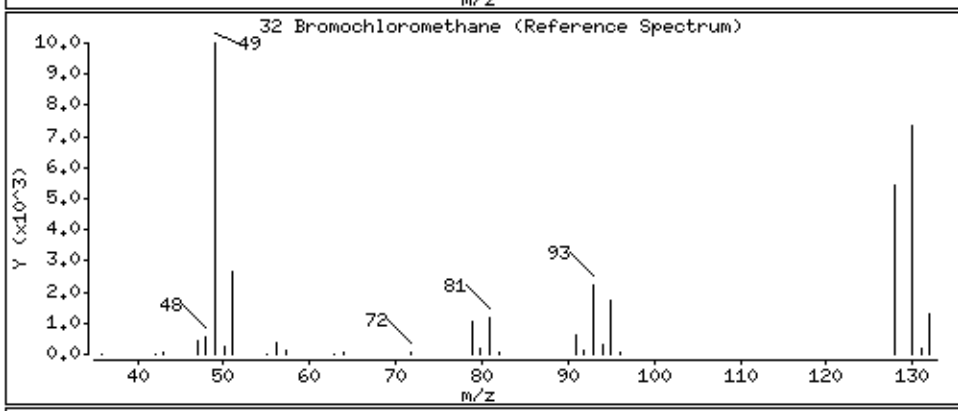
32 Bromochloromethane

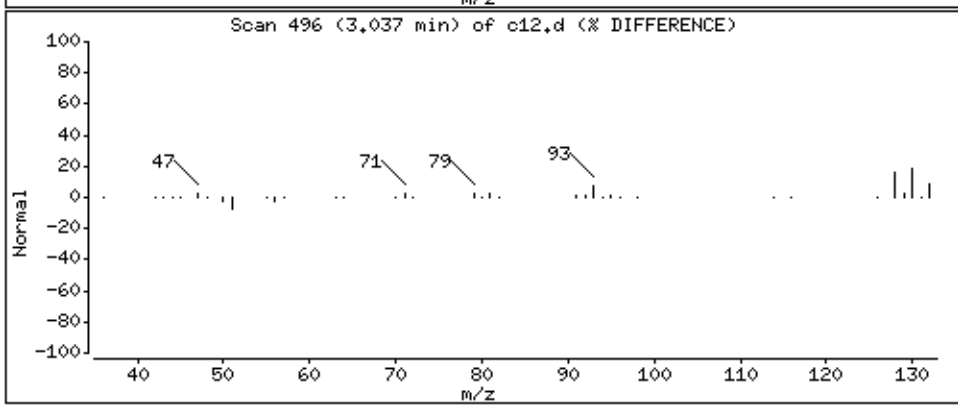
Concentration: 36.9 ppb

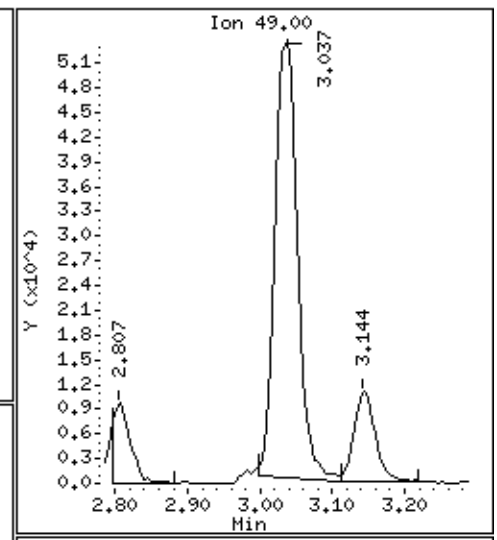
Review Code:

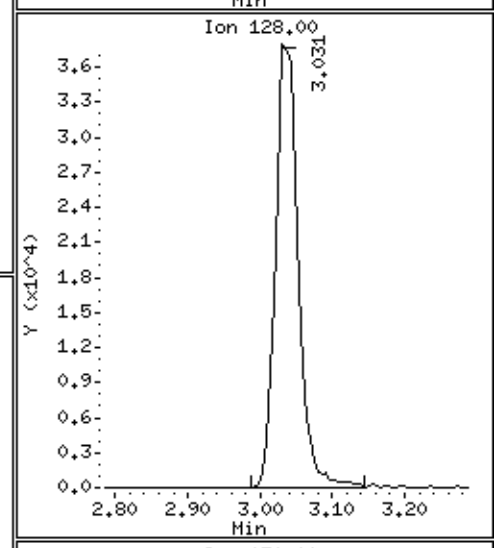


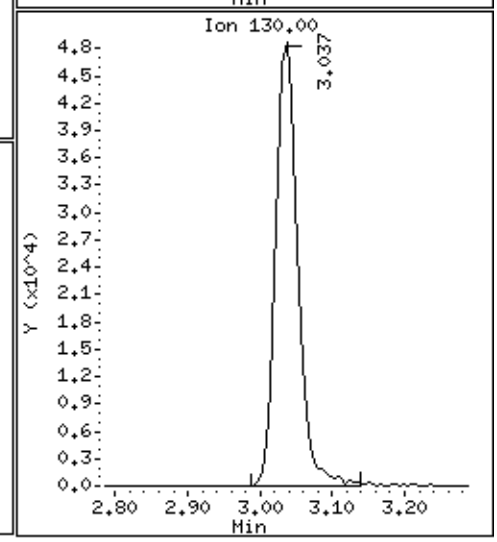












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

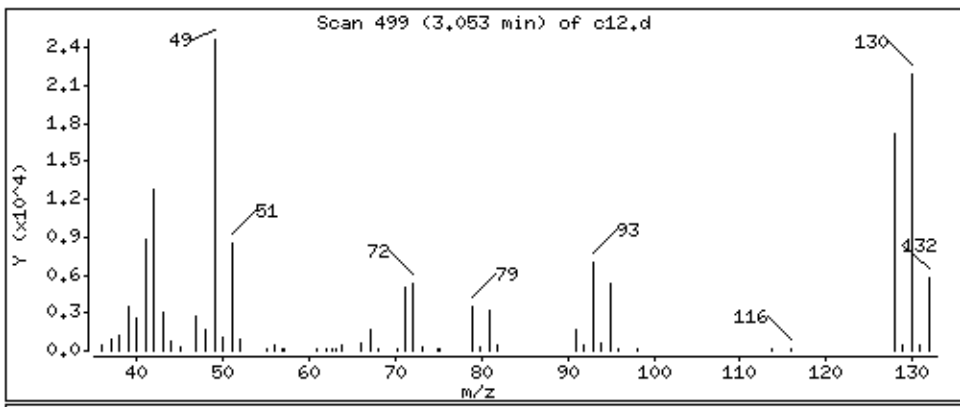
Column phase: DB-624

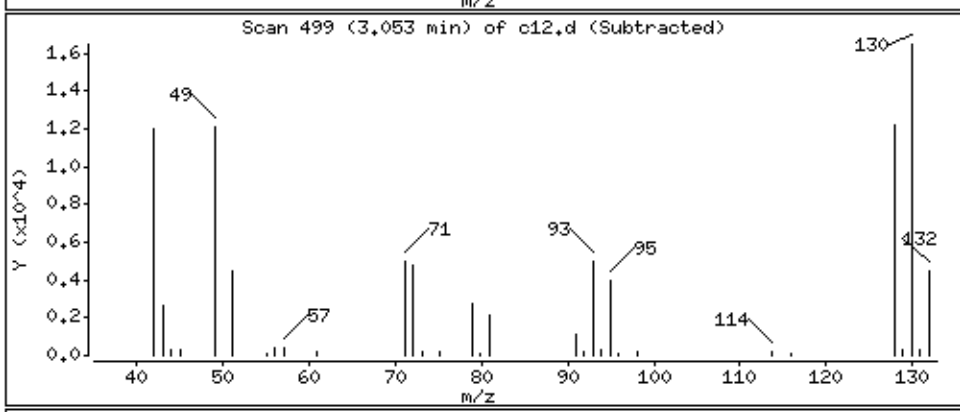
Column diameter: 0.18

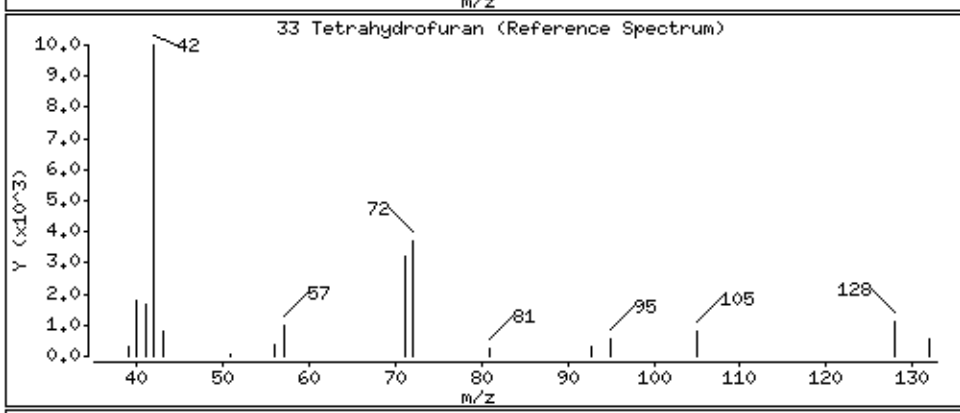
33 Tetrahydrofuran

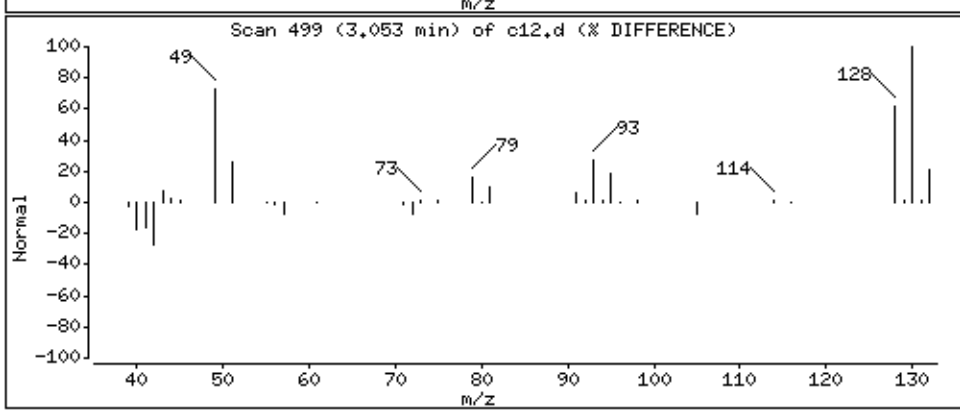
Concentration: 42.7 ppb

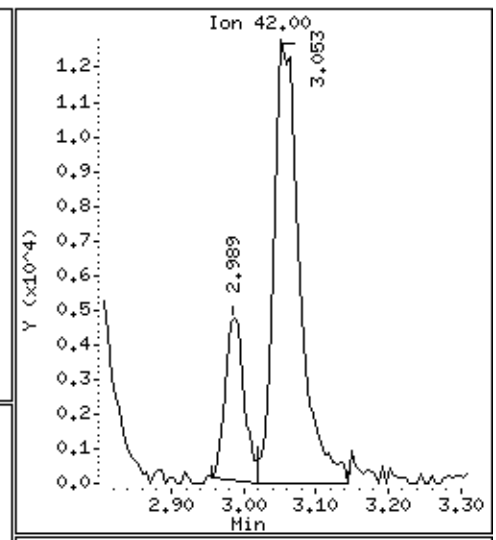
Review Code:

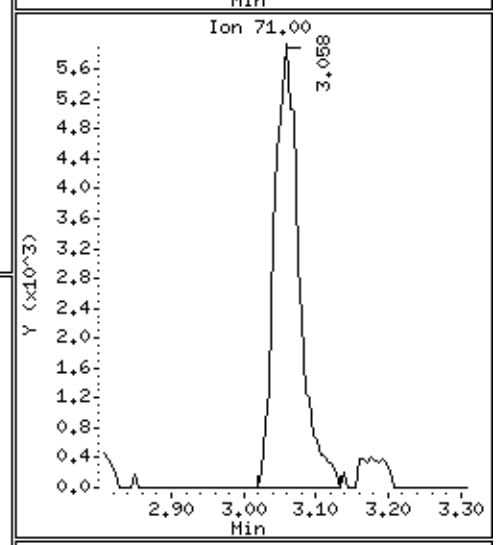


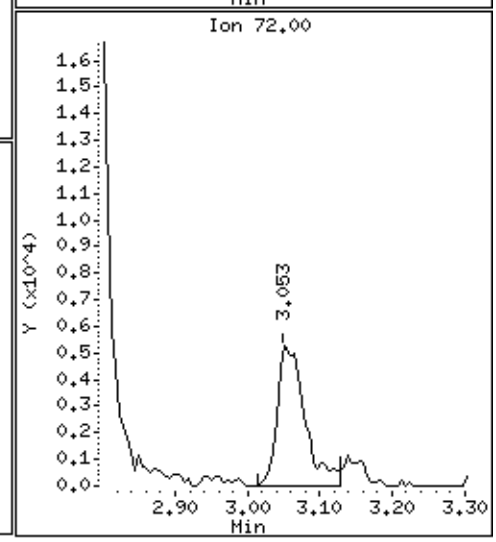












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

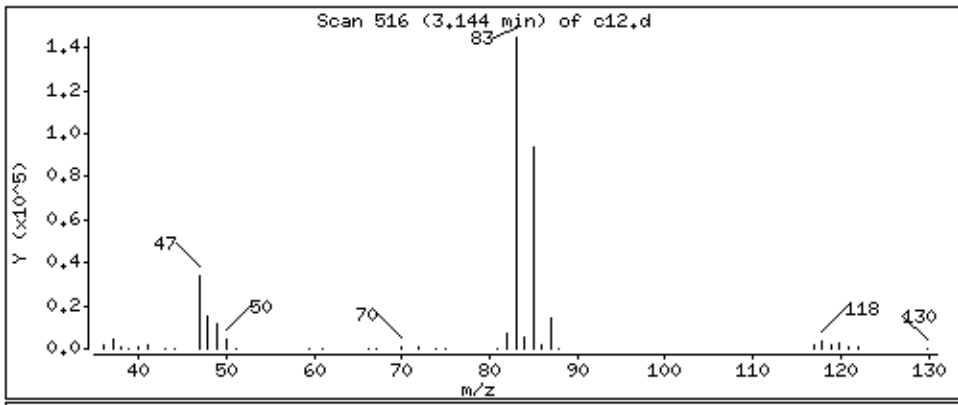
Column phase: DB-624

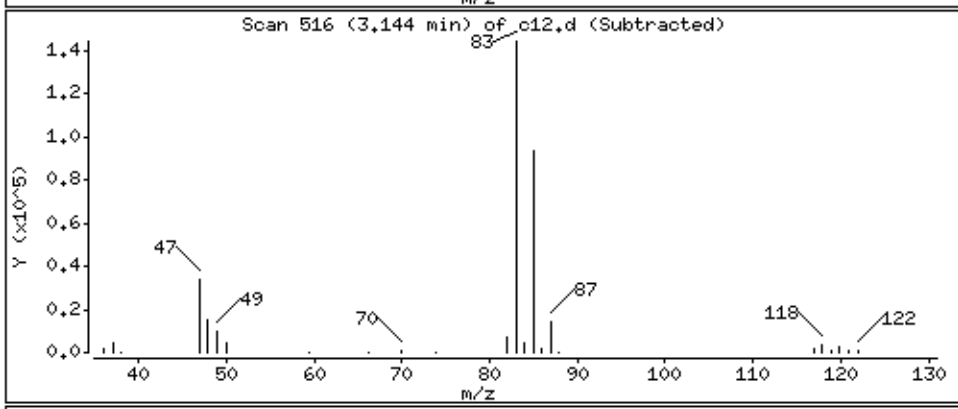
Column diameter: 0.18

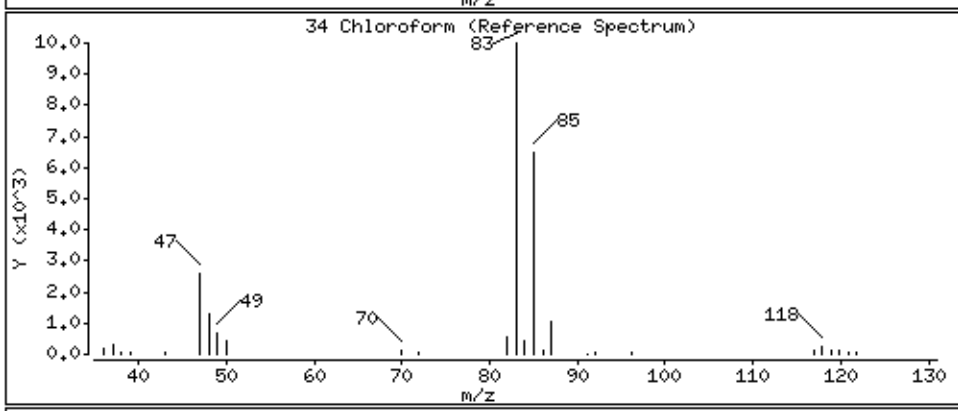
34 Chloroform

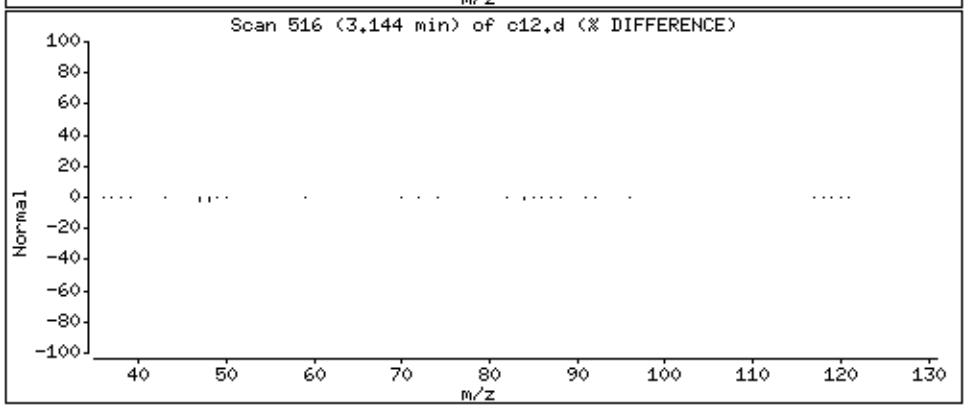
Concentration: 41.2 ppb

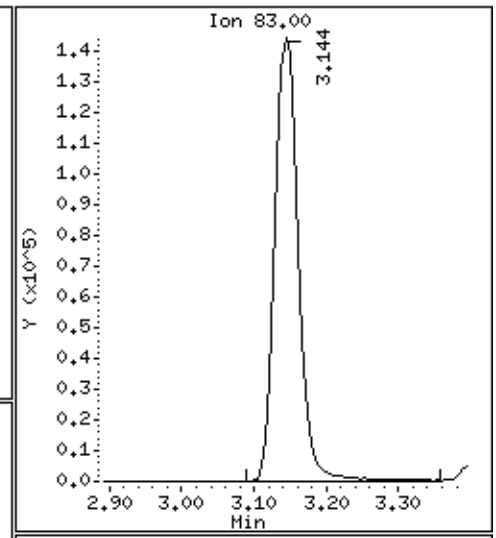
Review Code:

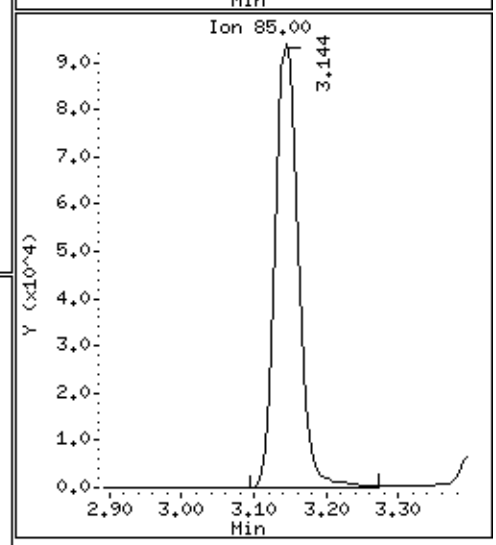












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

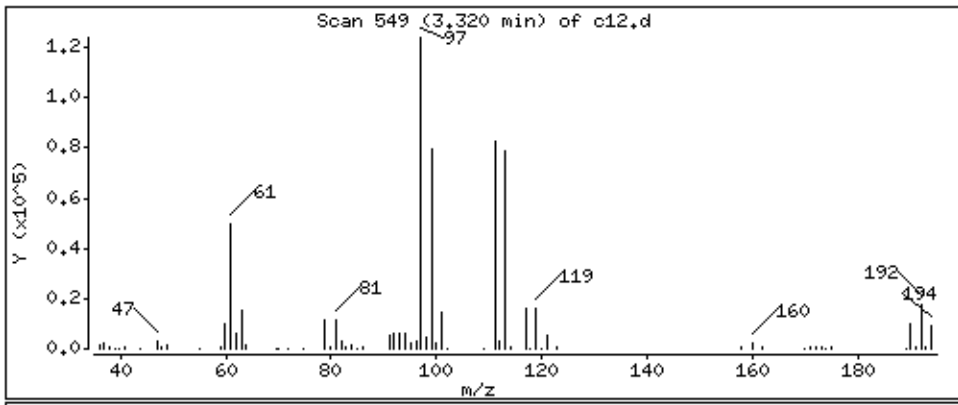
Column phase: DB-624

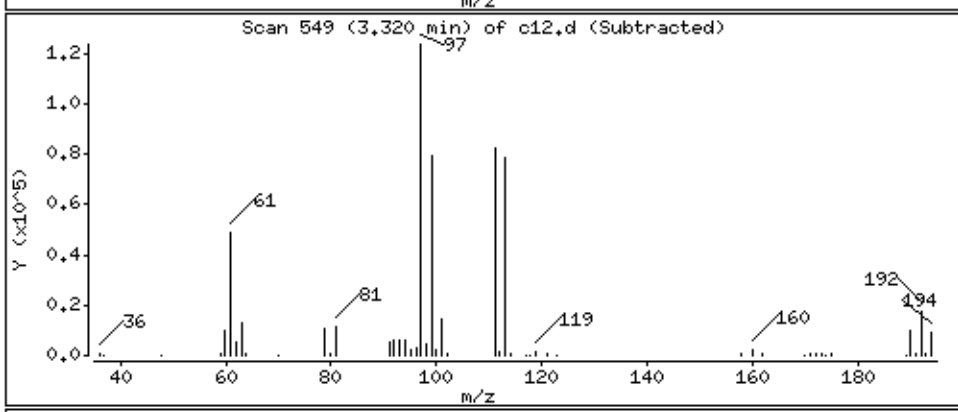
Column diameter: 0.18

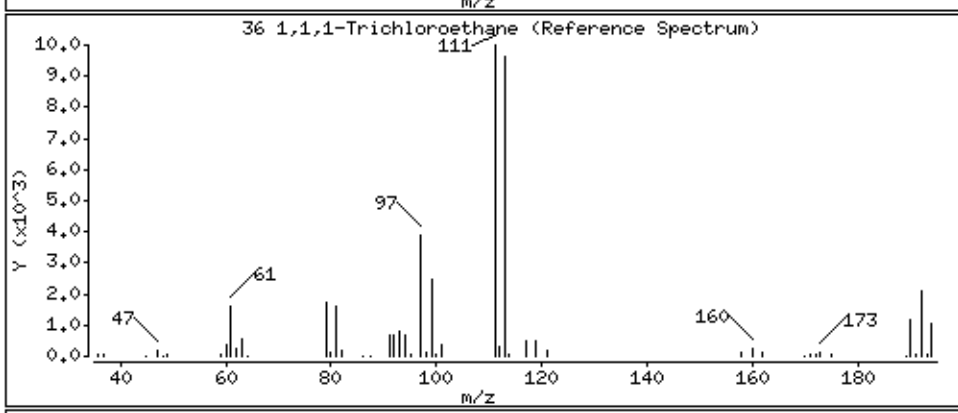
36 1,1,1-Trichloroethane

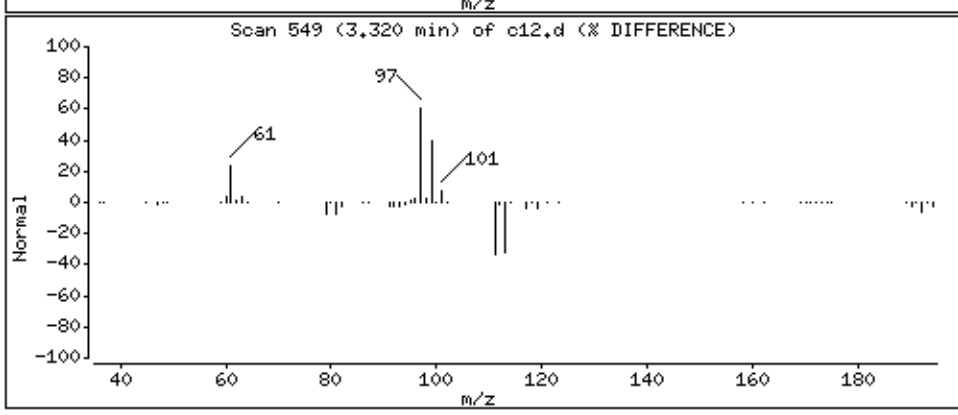
Concentration: 38.2 ppb

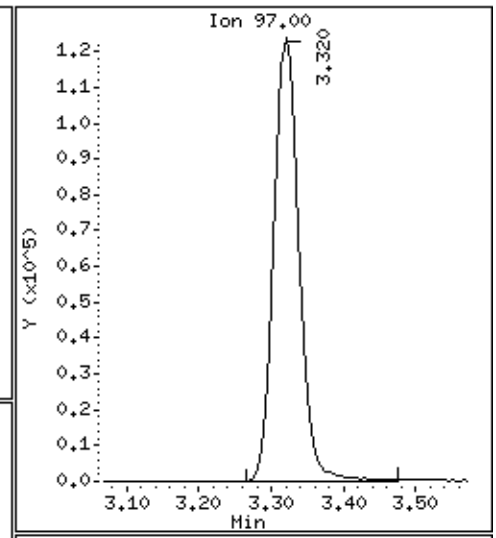
Review Code:

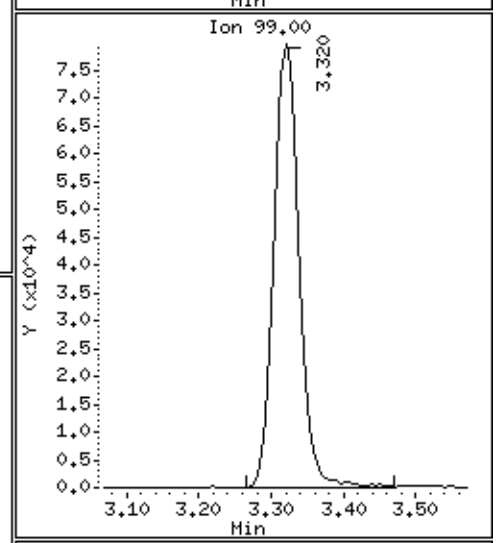


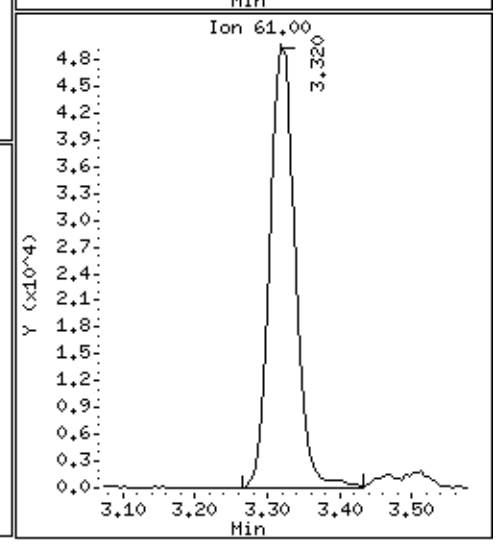












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

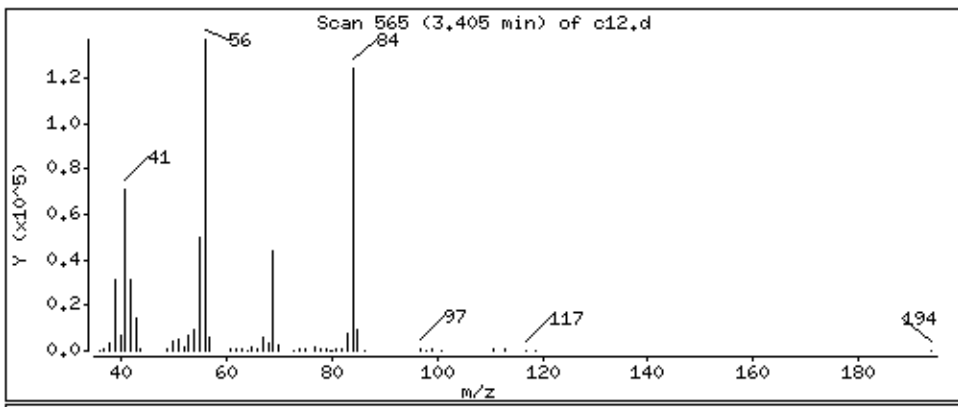
Column phase: DB-624

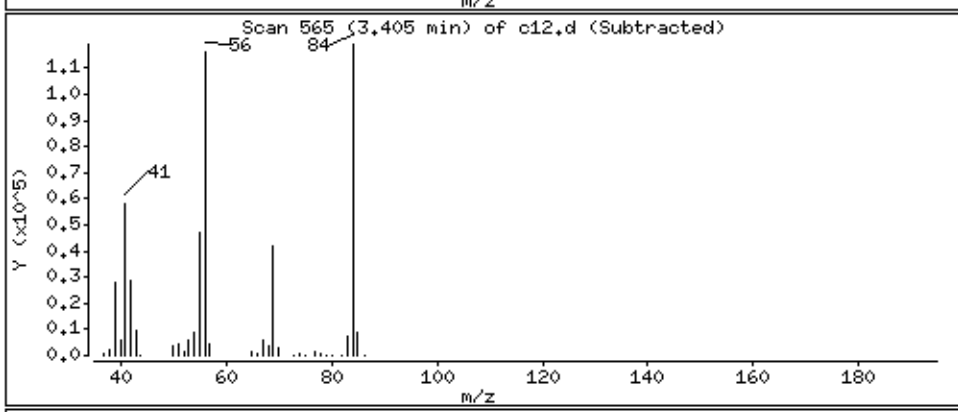
Column diameter: 0.18

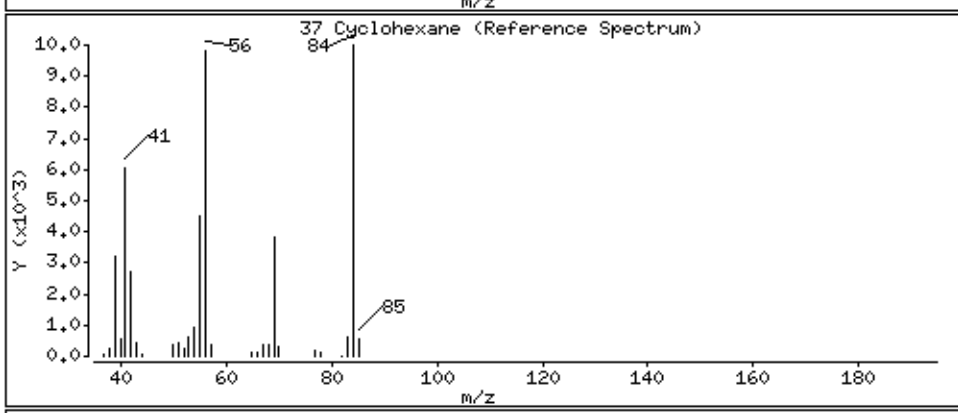
37 Cyclohexane

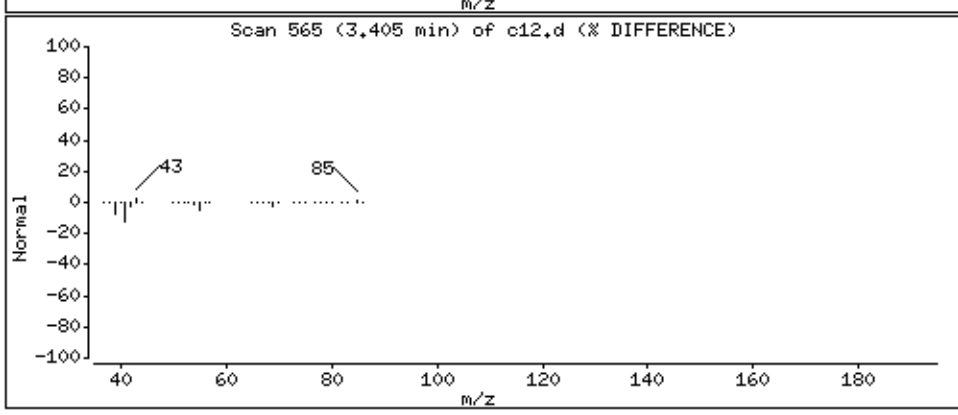
Concentration: 37.1 ppb

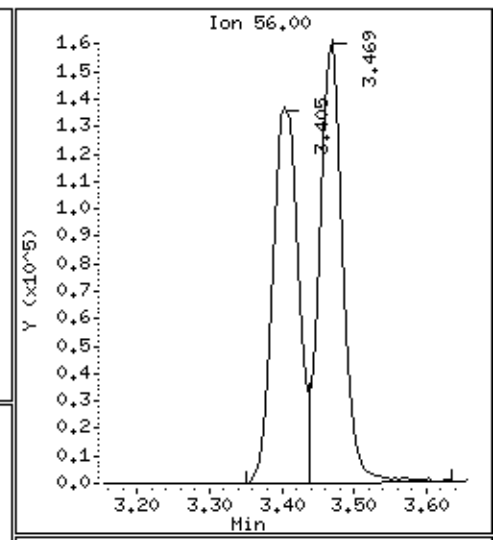
Review Code:

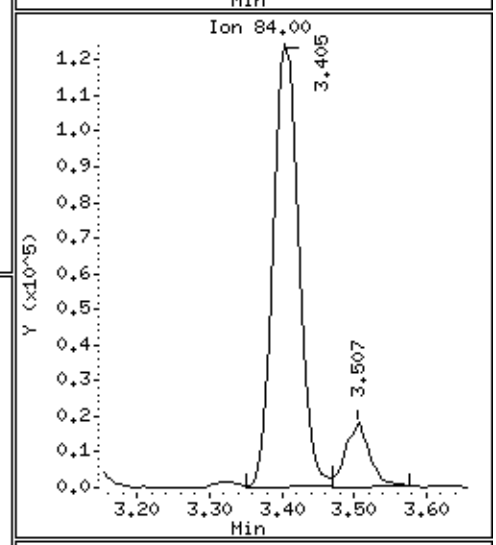


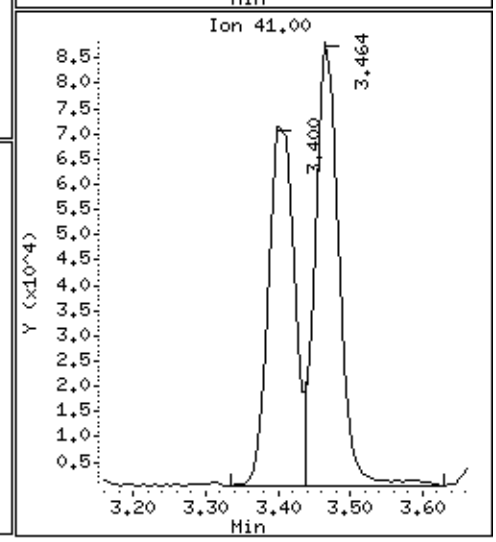












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

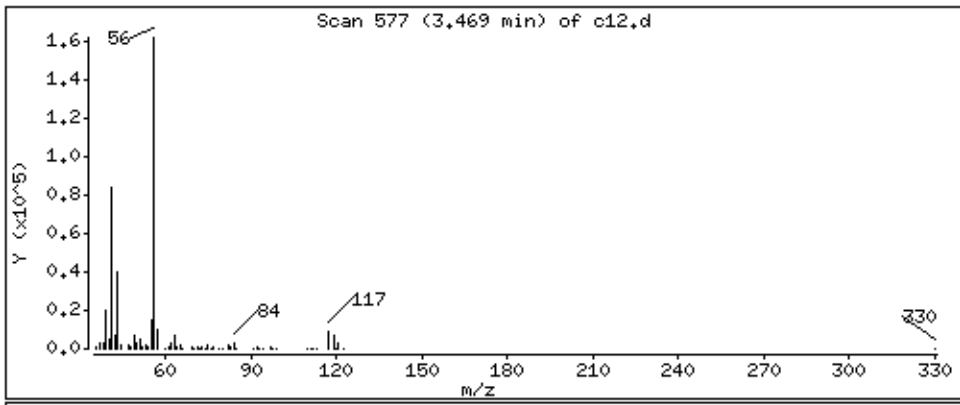
Column phase: DB-624

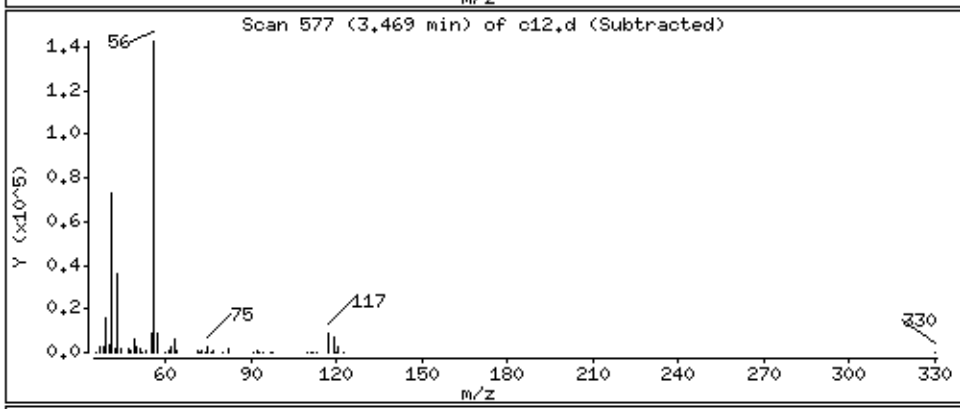
Column diameter: 0.18

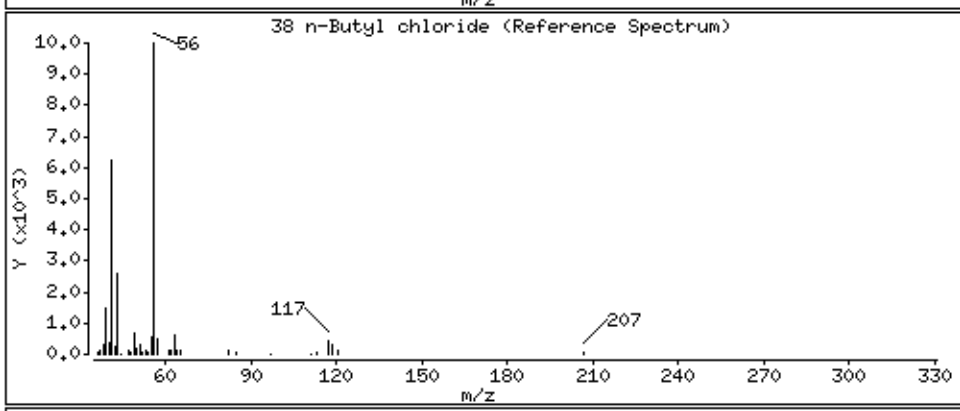
38 n-Butyl chloride

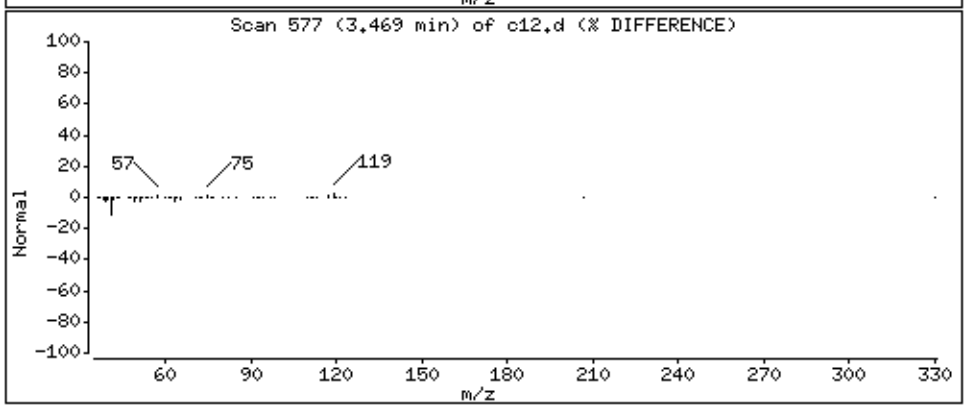
Concentration: 34.0 ppb

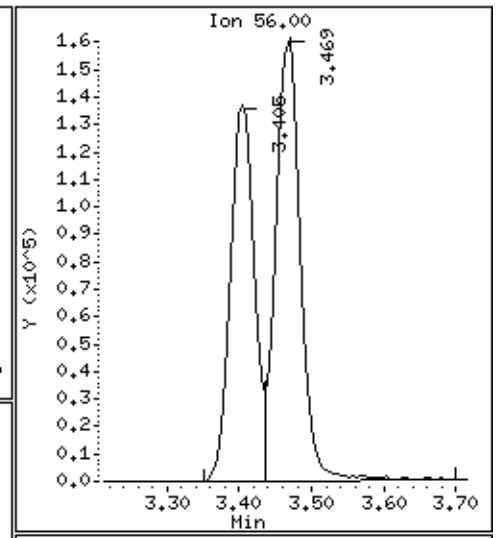
Review Code:

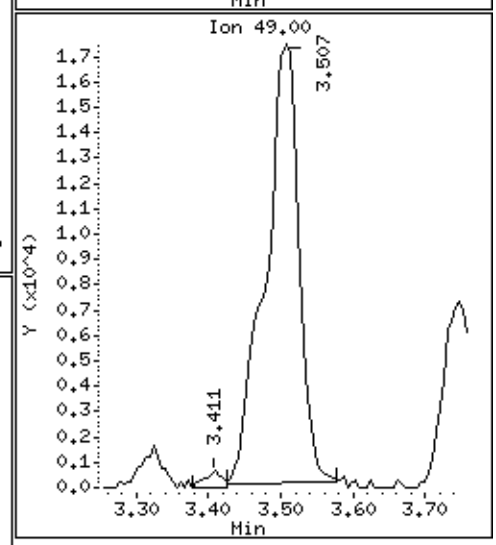












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

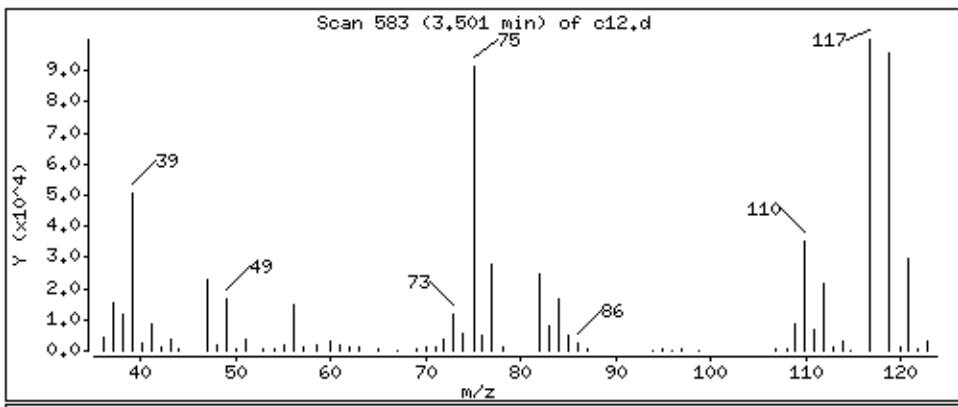
Column phase: DB-624

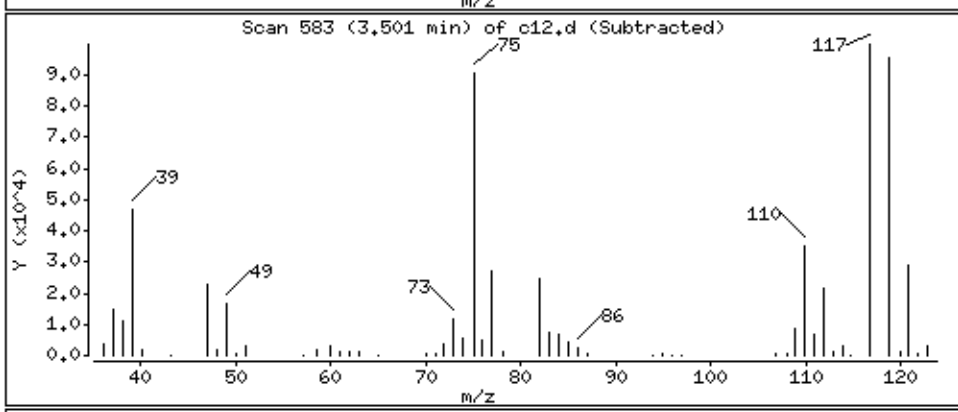
Column diameter: 0.18

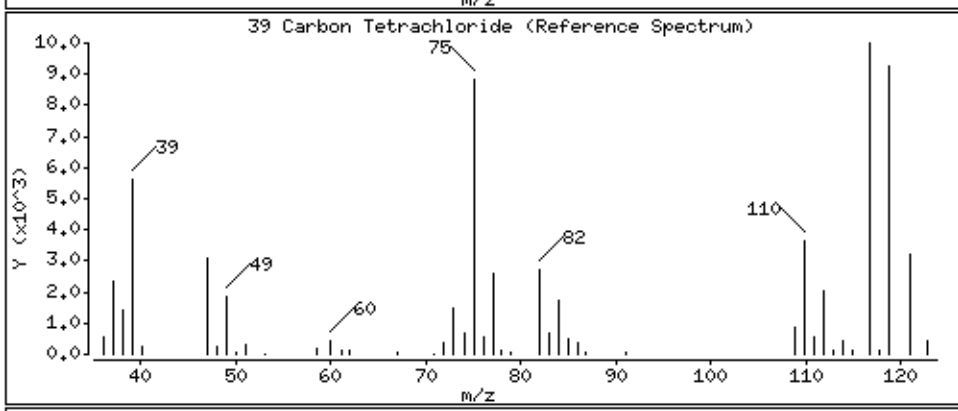
39 Carbon Tetrachloride

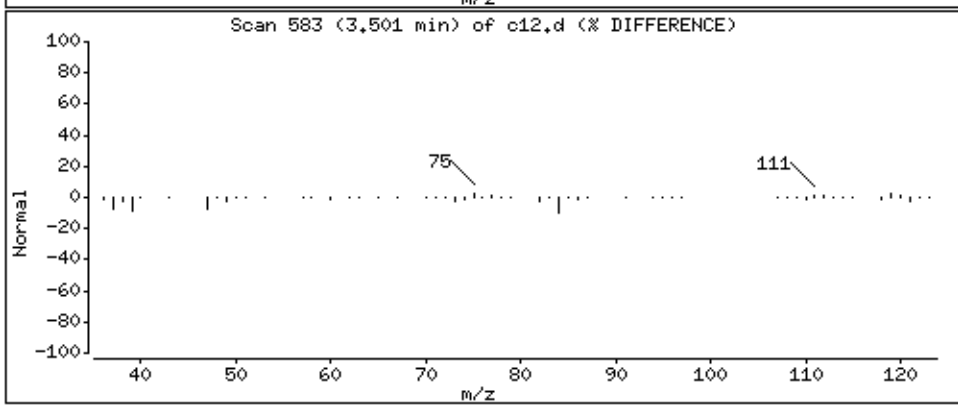
Concentration: 37.2 ppb

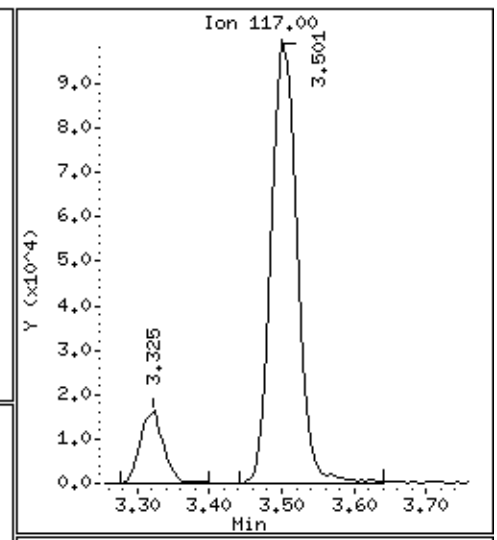
Review Code:

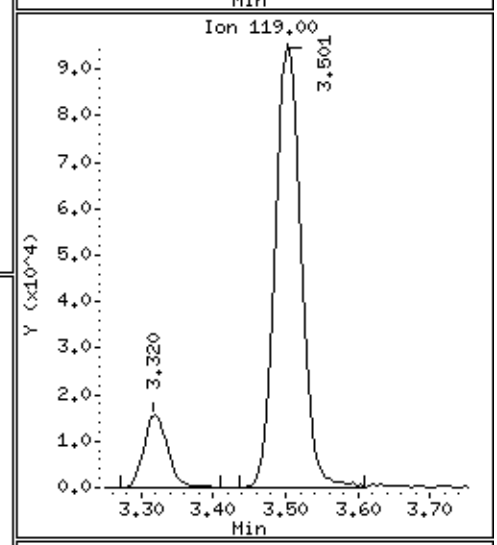


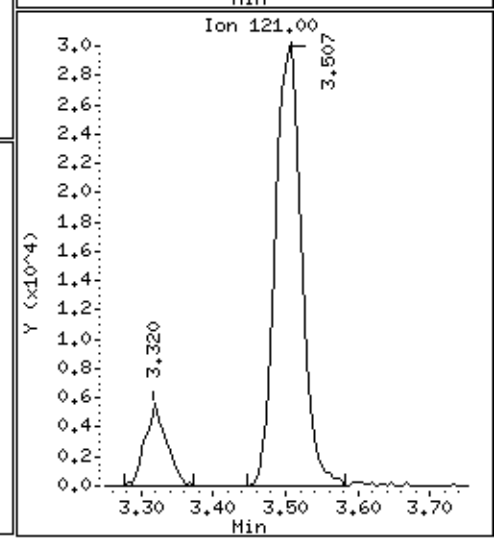












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

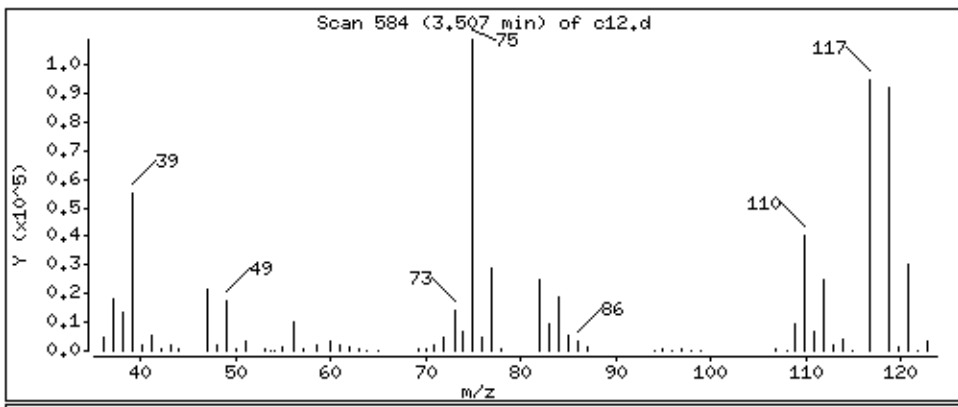
Column phase: DB-624

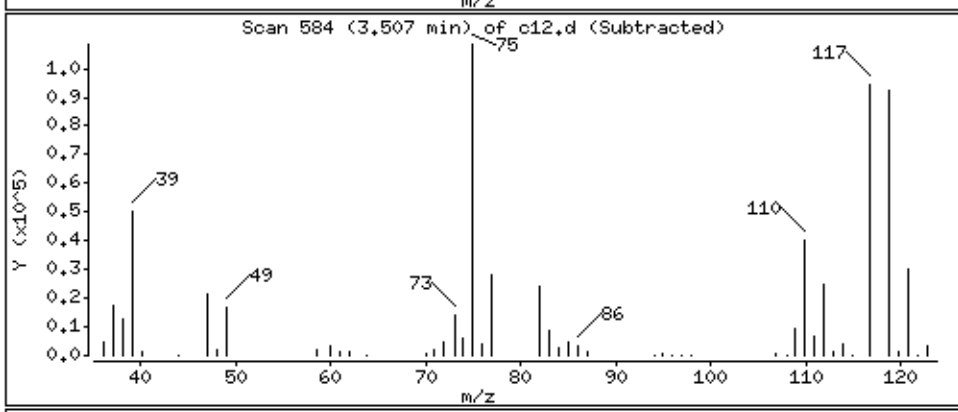
Column diameter: 0.18

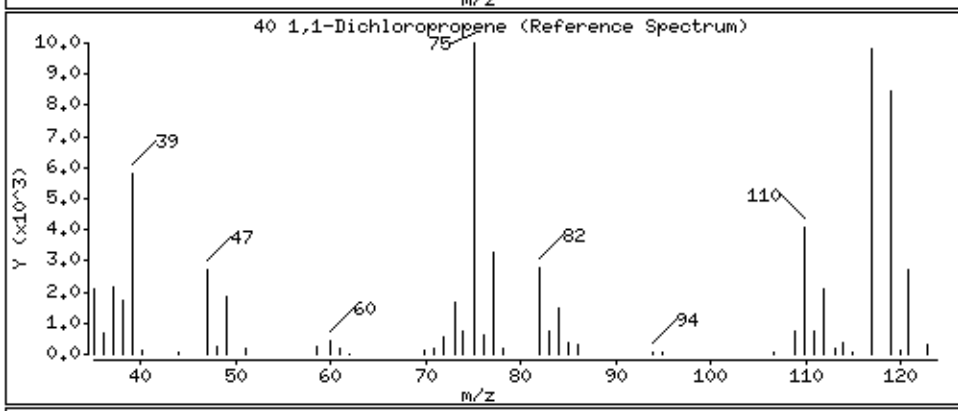
40 1,1-Dichloropropene

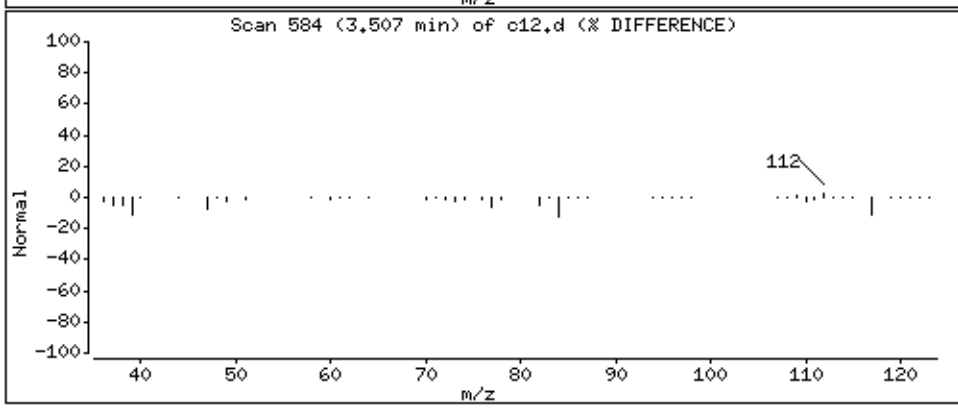
Concentration: 37.2 ppb

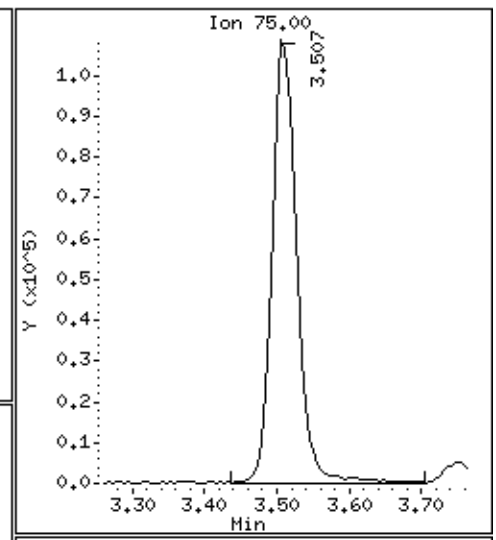
Review Code:

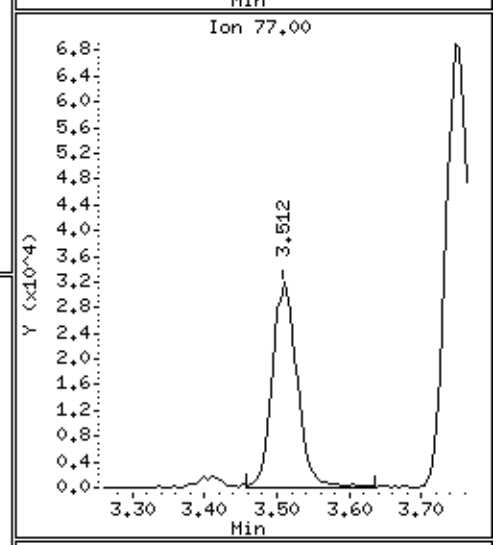


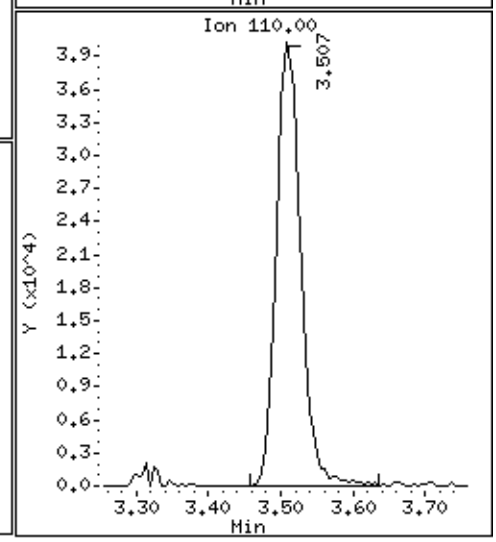












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

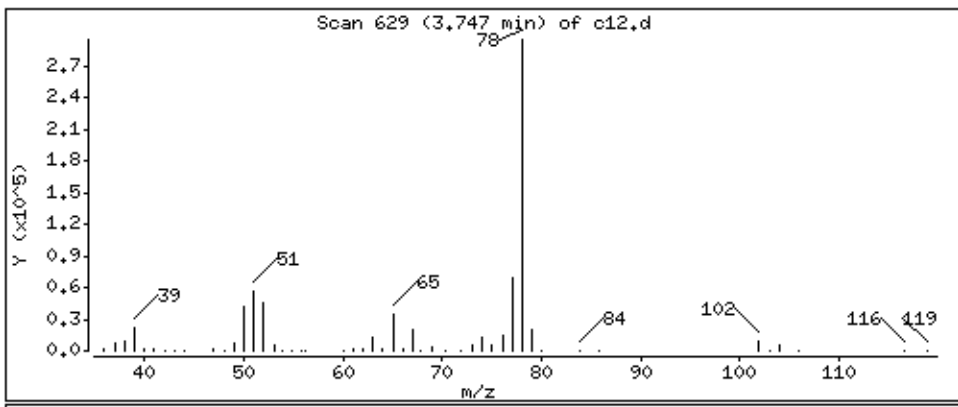
Column phase: DB-624

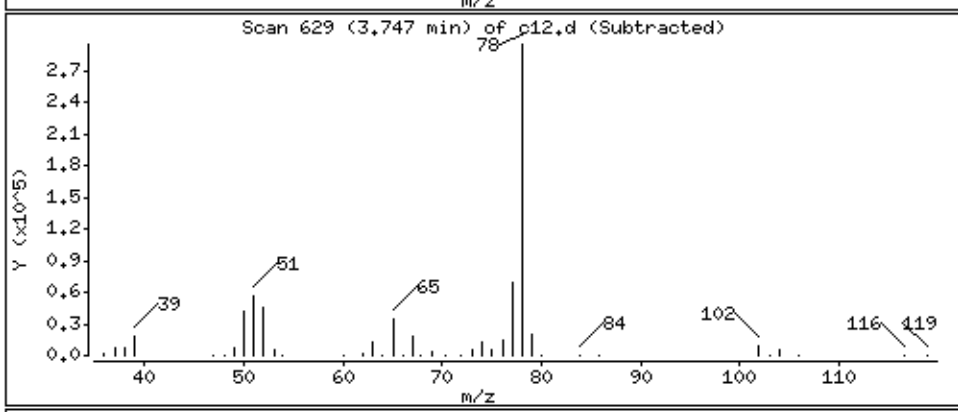
Column diameter: 0.18

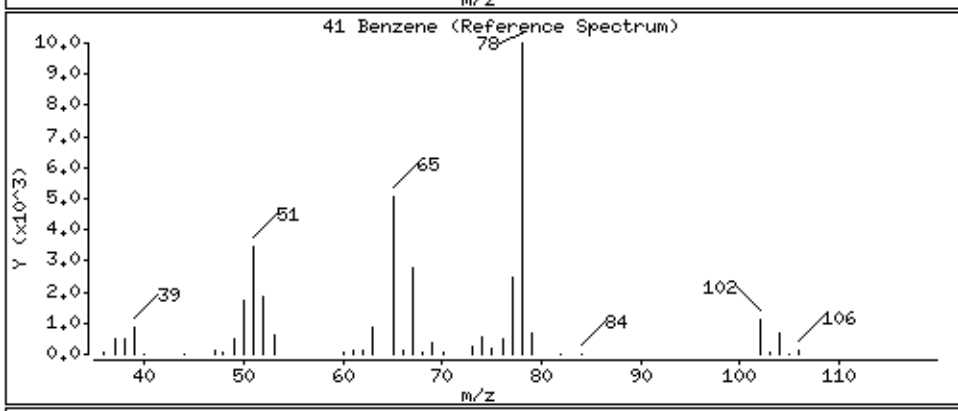
41 Benzene

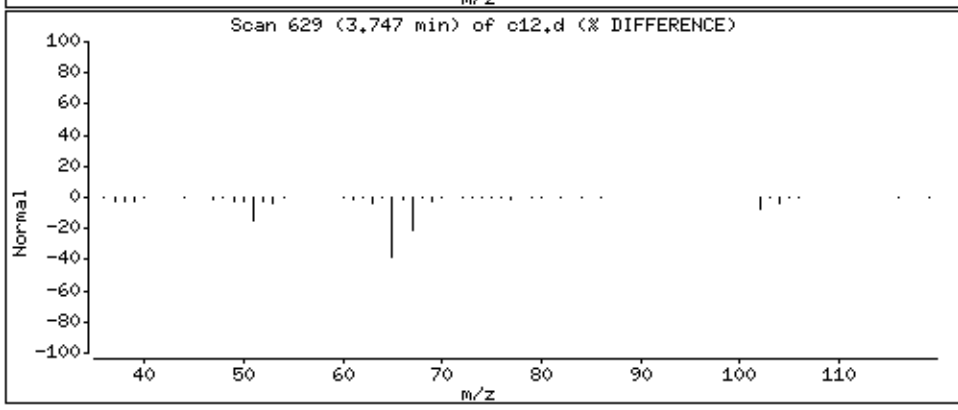
Concentration: 40.6 ppb

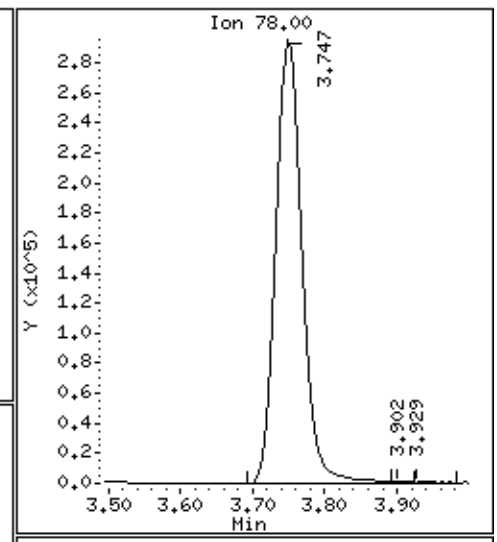
Review Code:

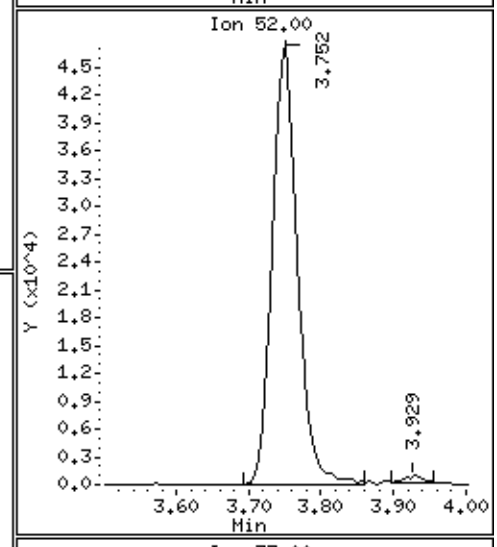


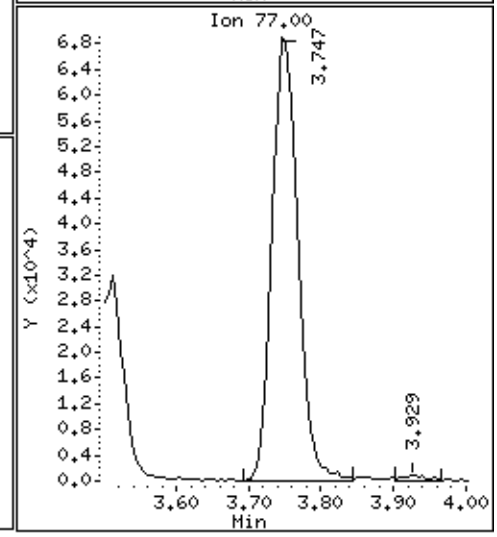












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

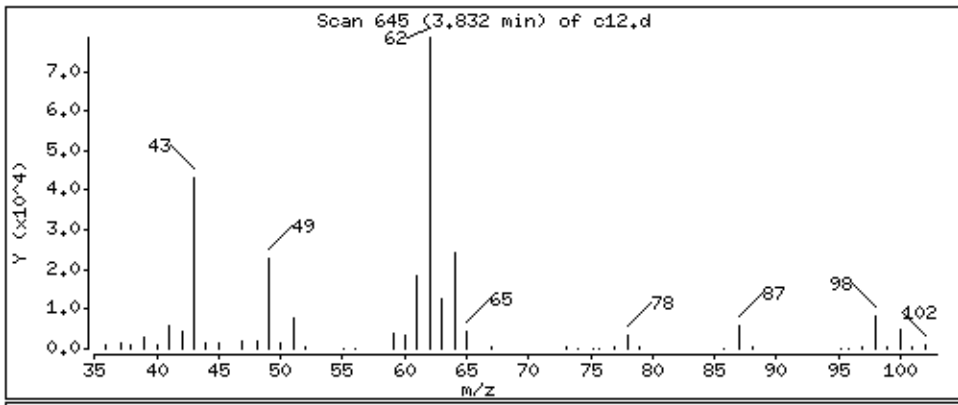
Column phase: DB-624

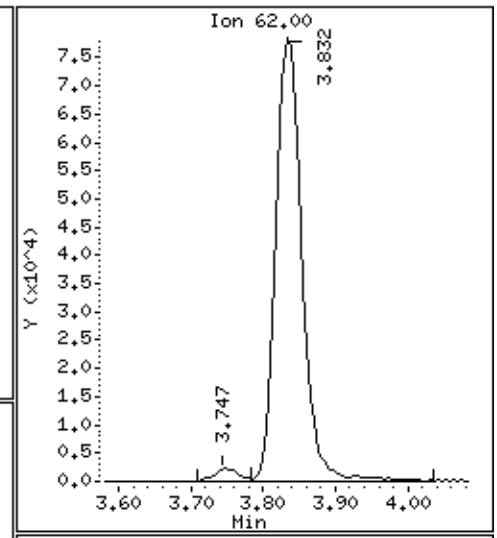
Column diameter: 0.18

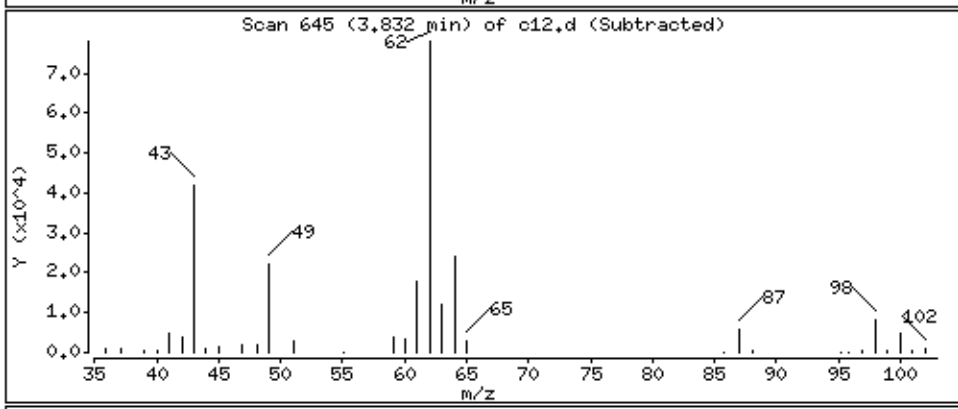
42 1,2-Dichloroethane

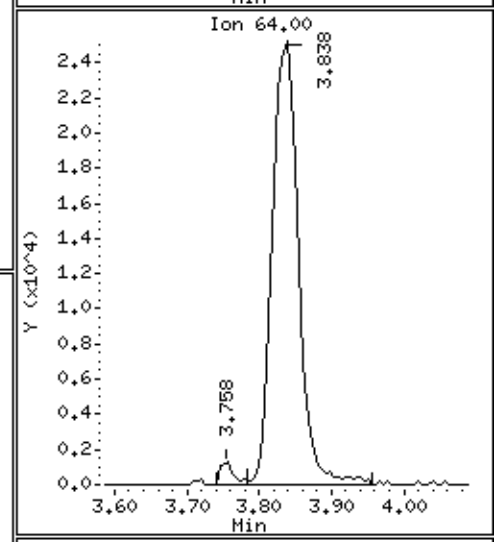
Concentration: 39.6 ppb

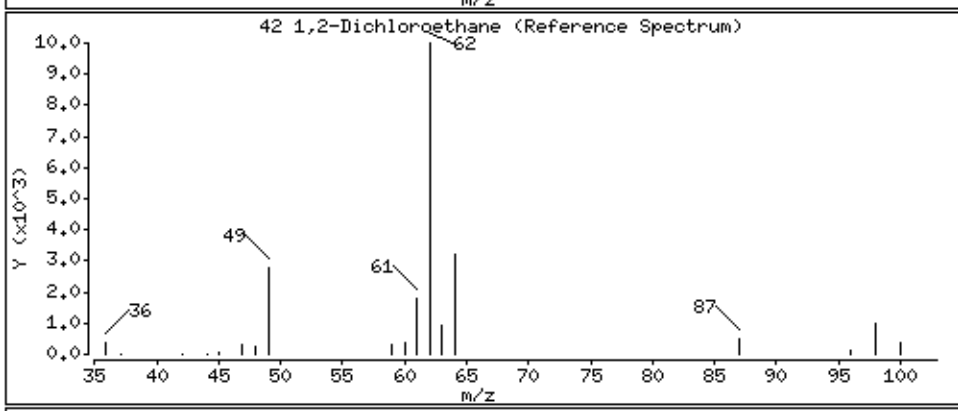
Review Code:

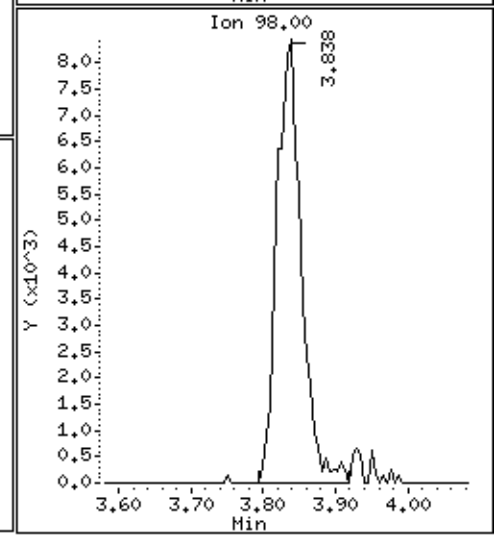


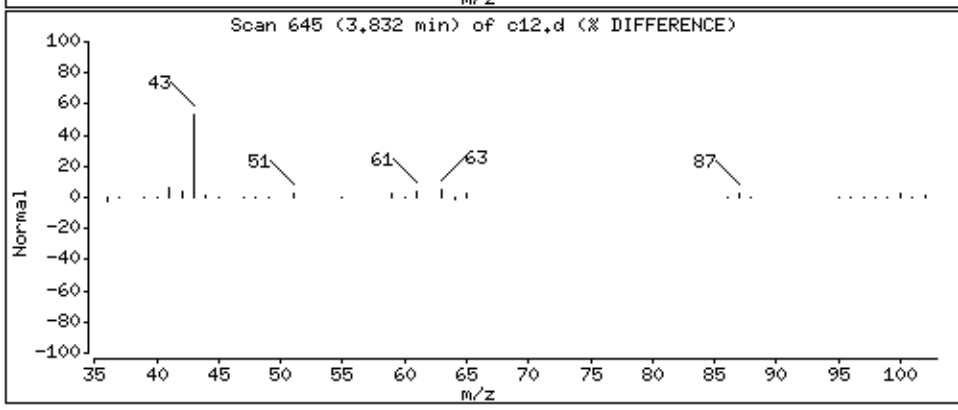












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

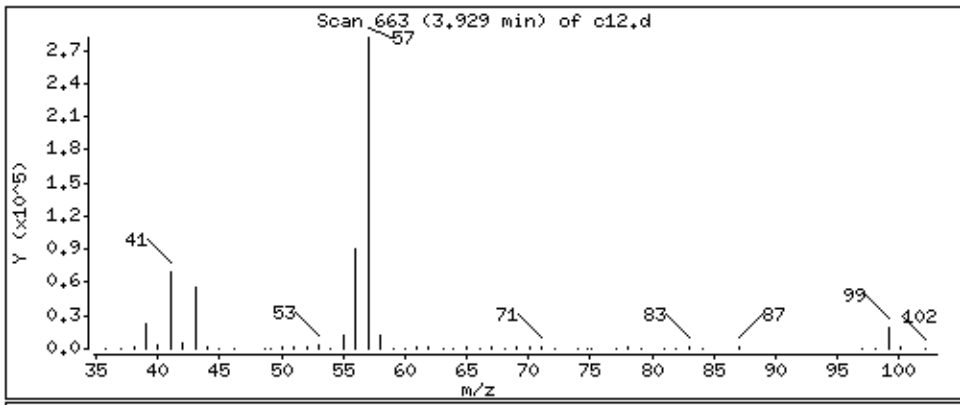
Column phase: DB-624

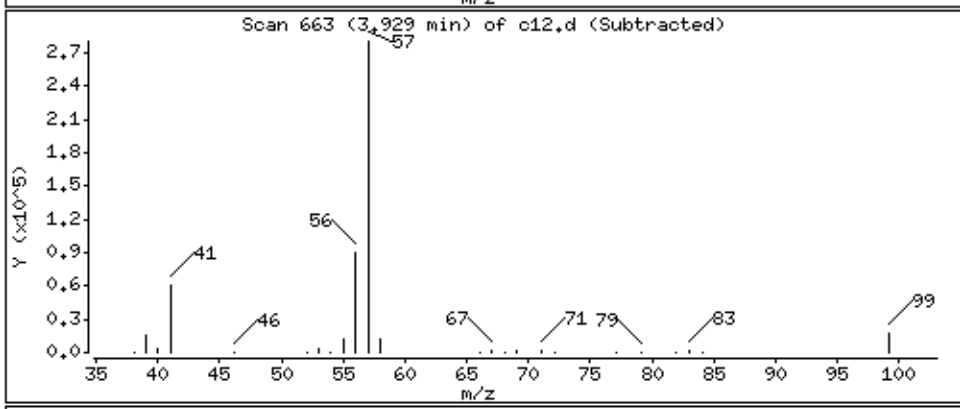
Column diameter: 0.18

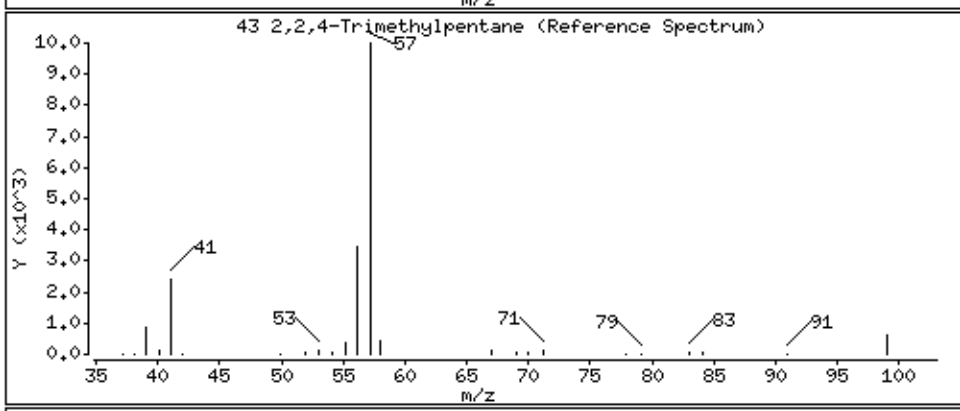
43 2,2,4-Trimethylpentane

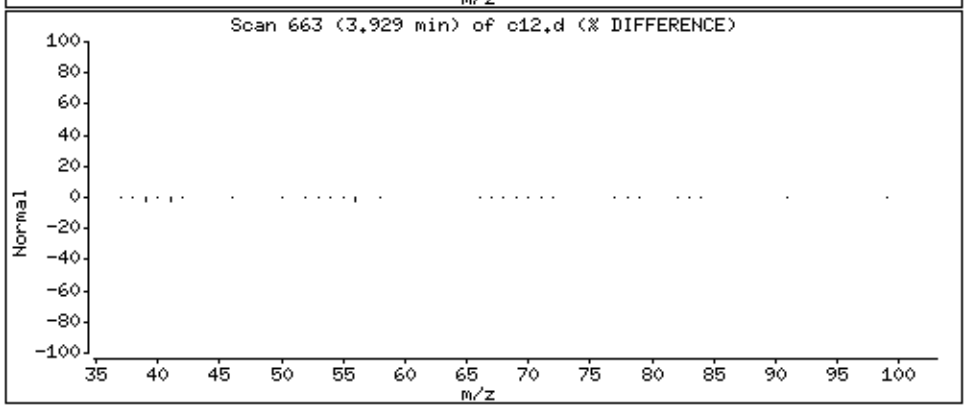
Concentration: 41.2 ppb

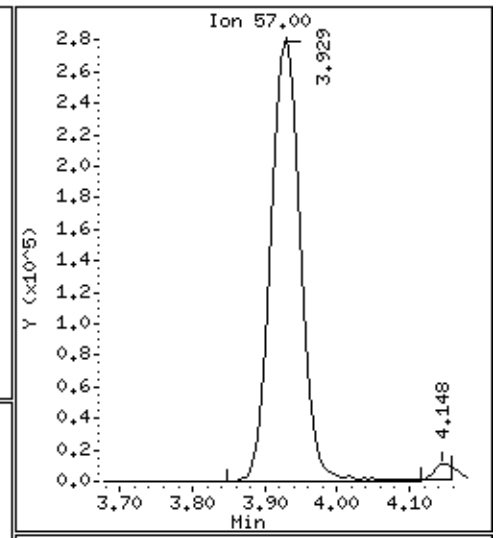
Review Code:

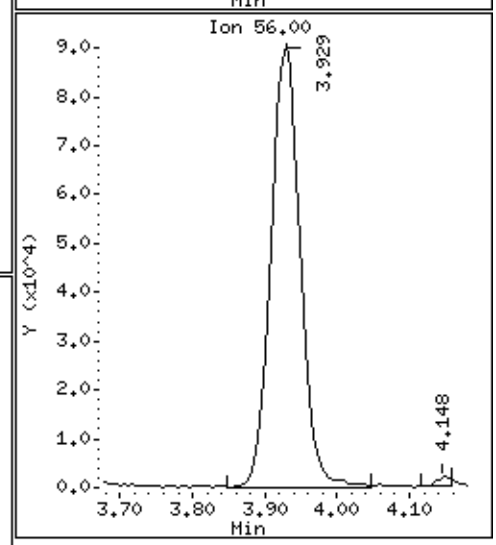












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

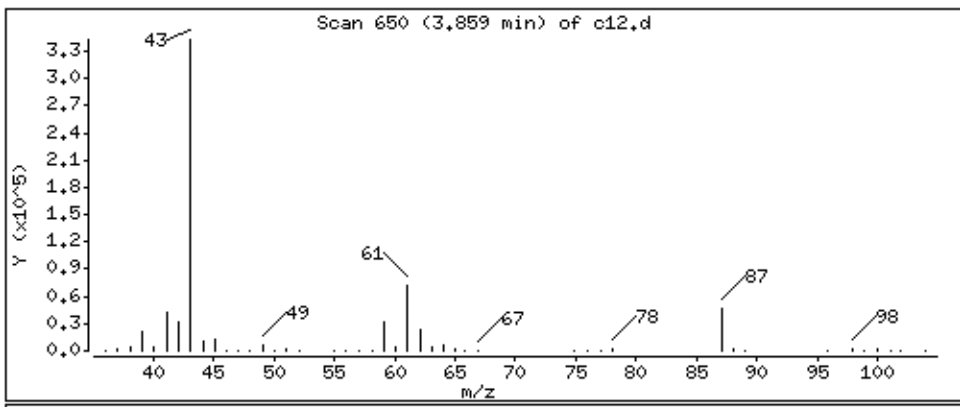
Column phase: DB-624

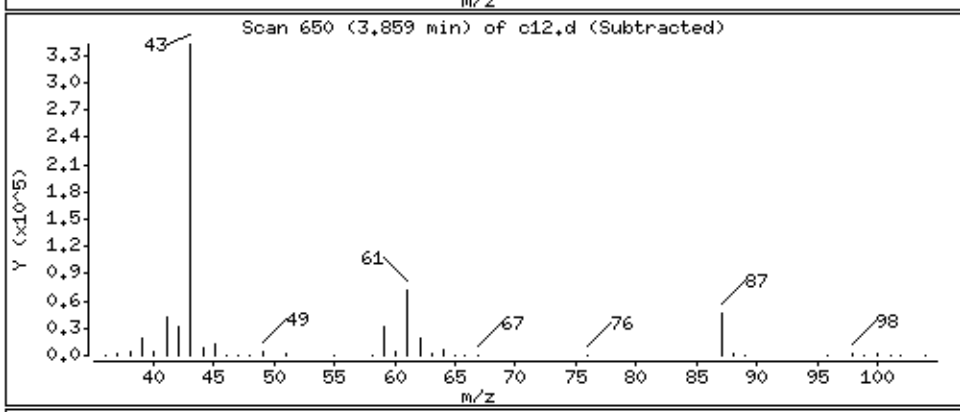
Column diameter: 0.18

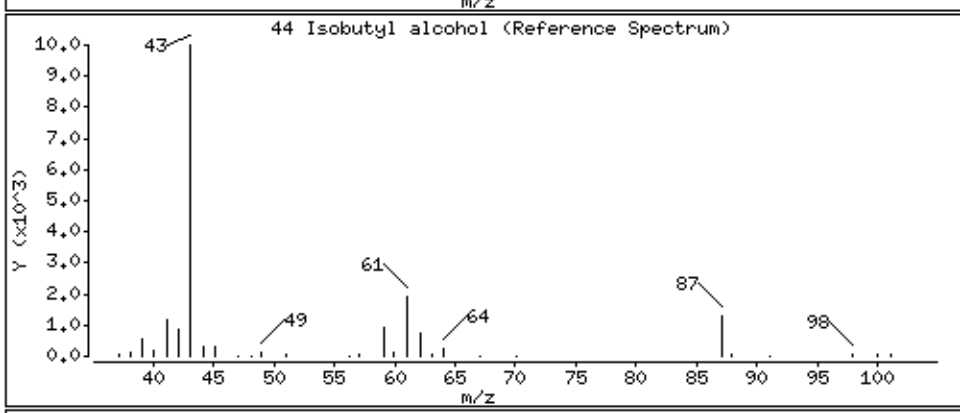
44 Isobutyl alcohol

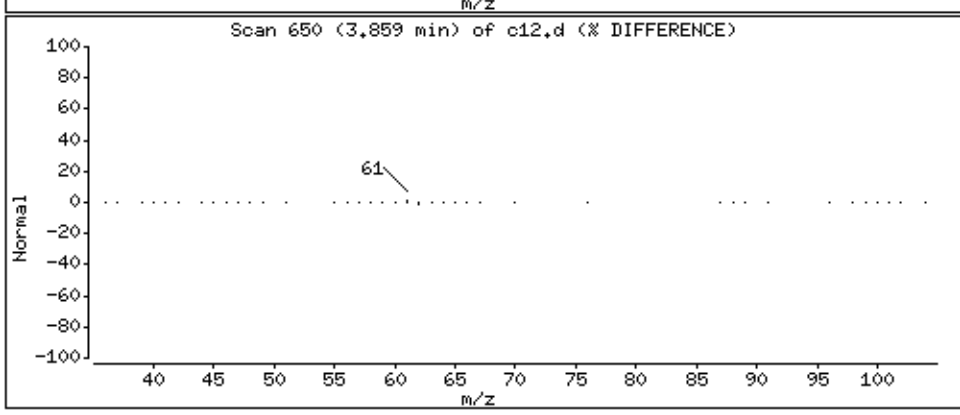
Concentration: 46.1 ppb

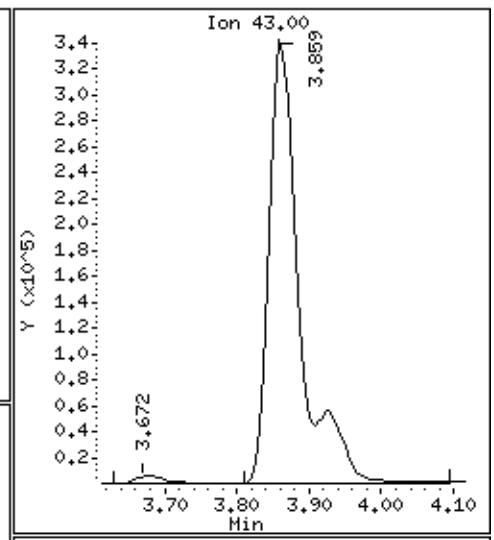
Review Code:

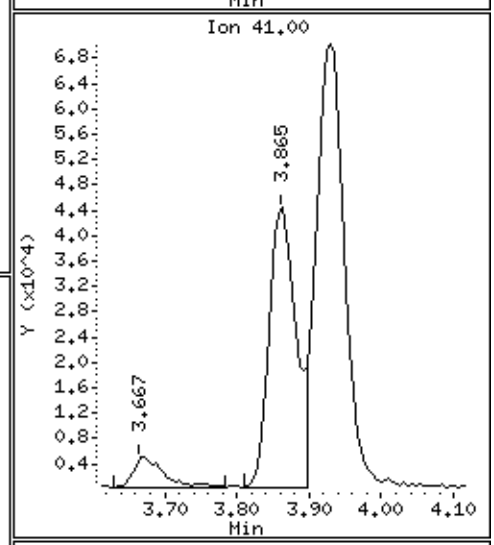


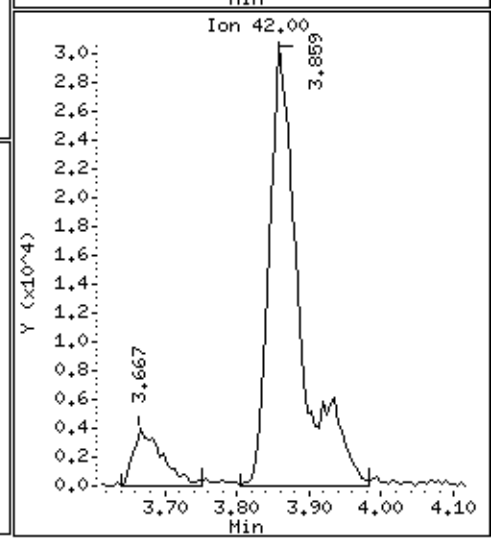












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

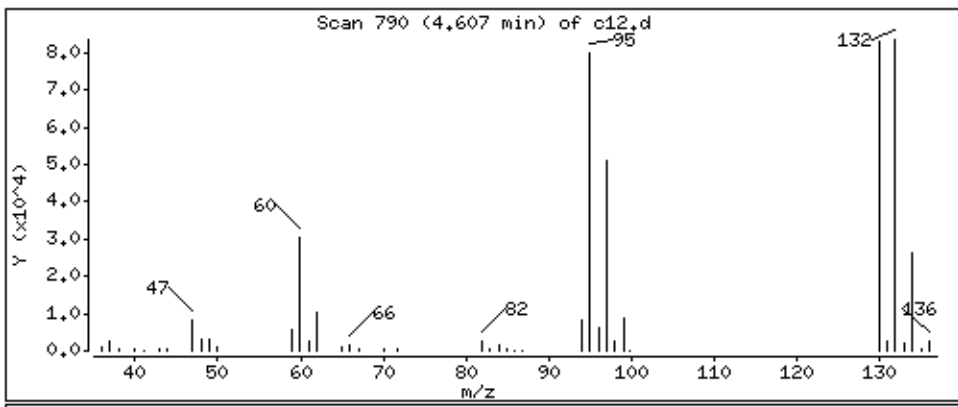
Column phase: DB-624

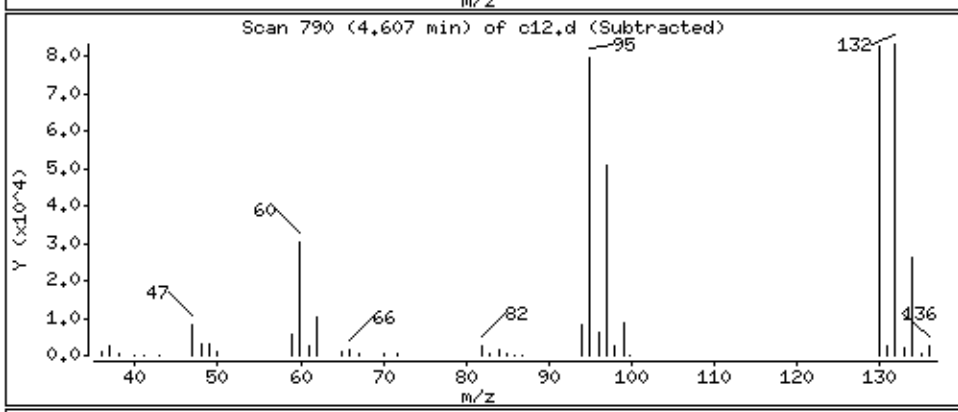
Column diameter: 0.18

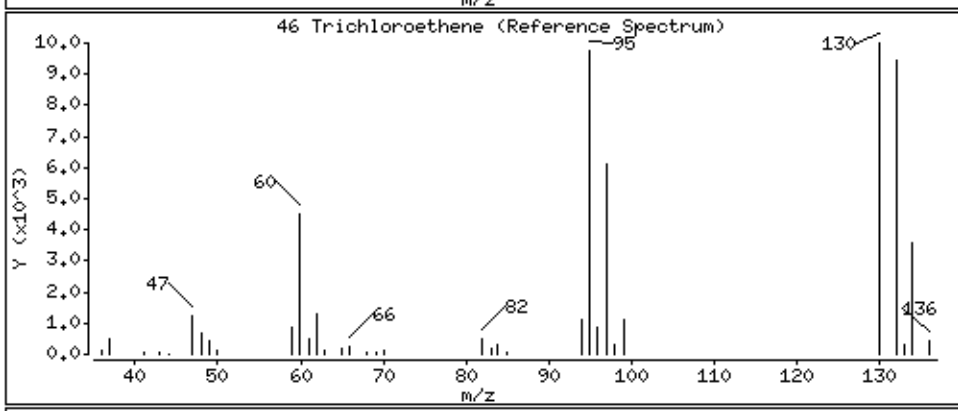
46 Trichloroethene

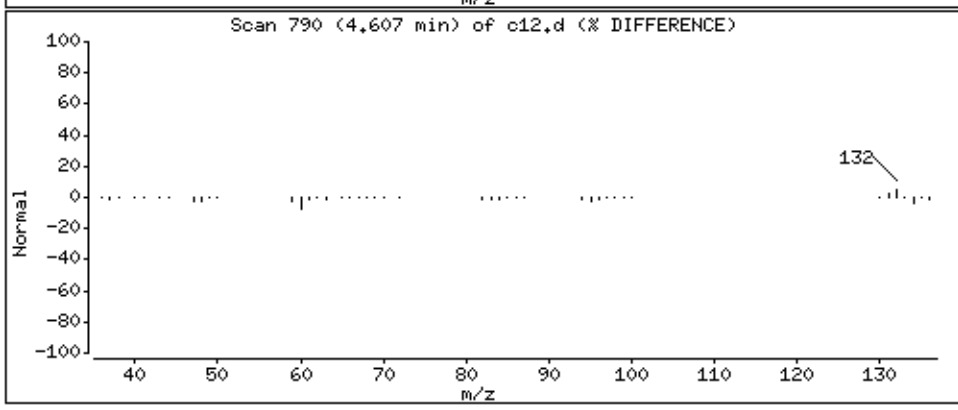
Concentration: 35.5 ppb

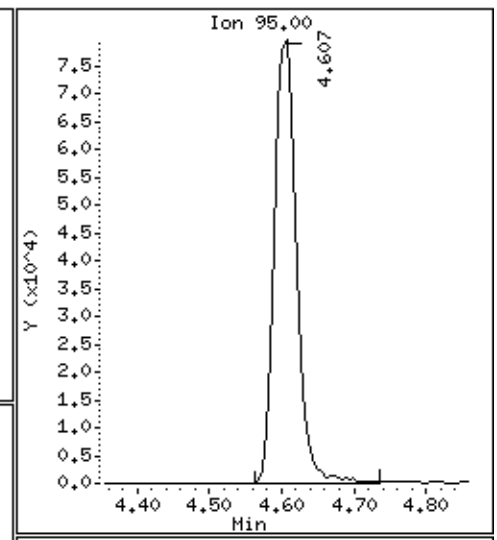
Review Code:

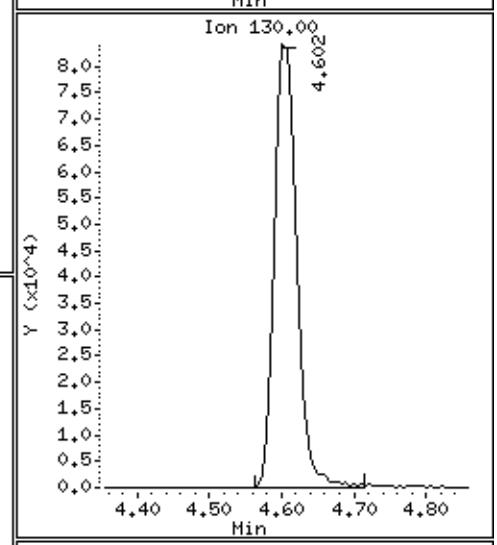


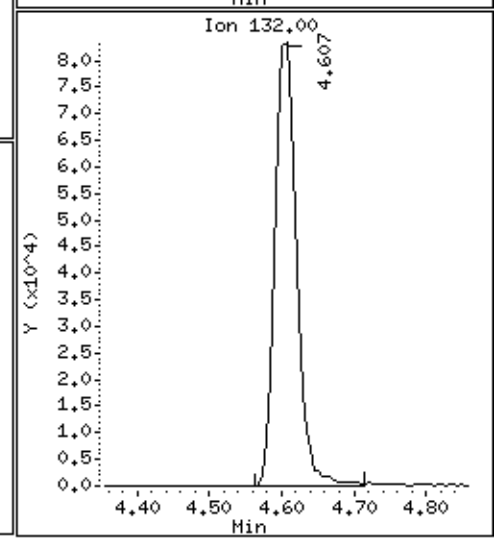












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

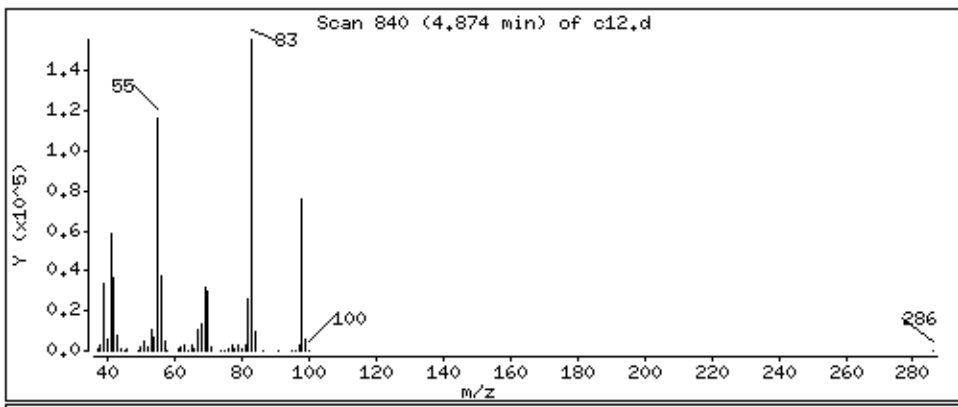
Column phase: DB-624

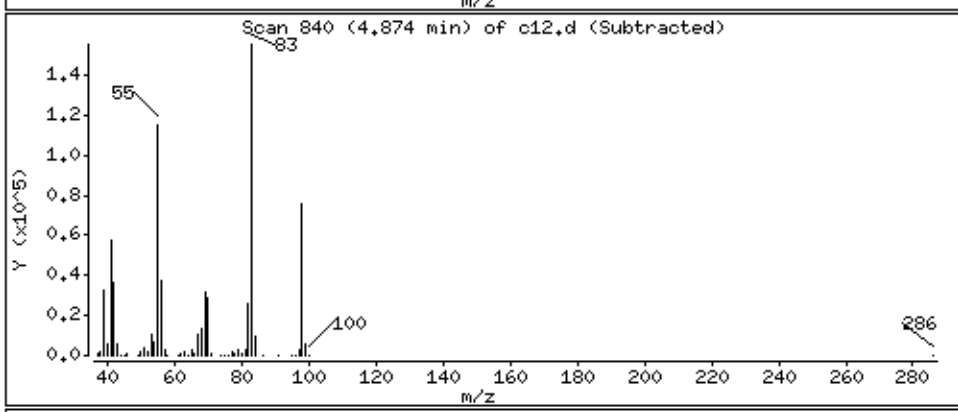
Column diameter: 0.18

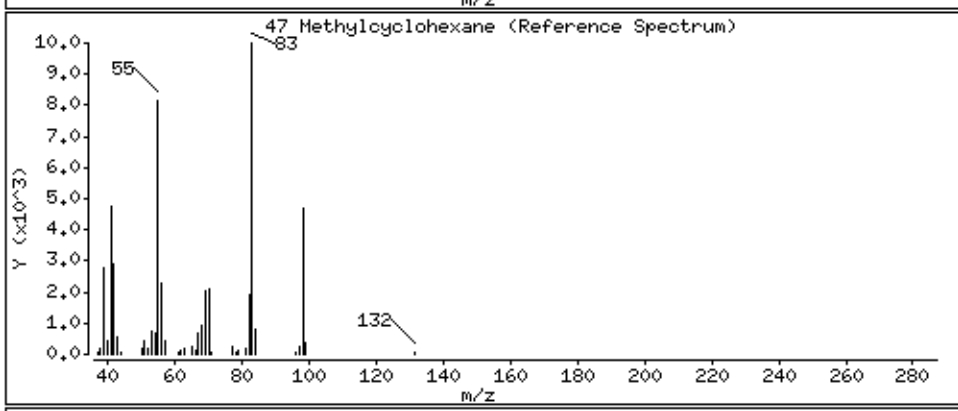
47 Methylcyclohexane

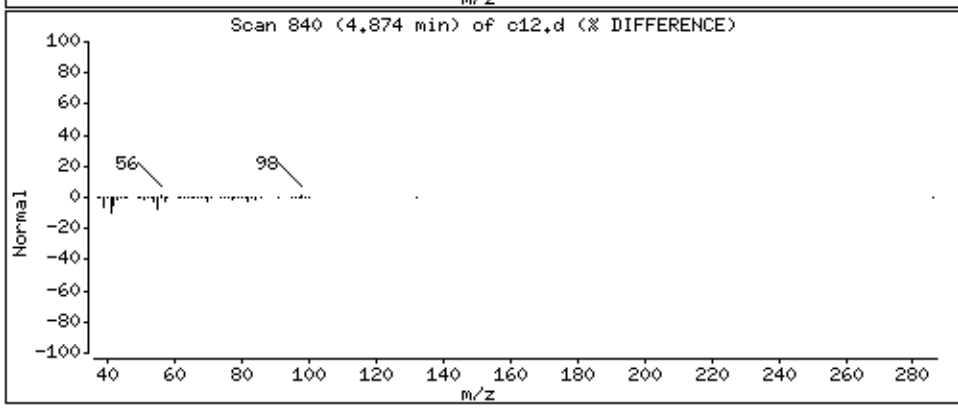
Concentration: 35.5 ppb

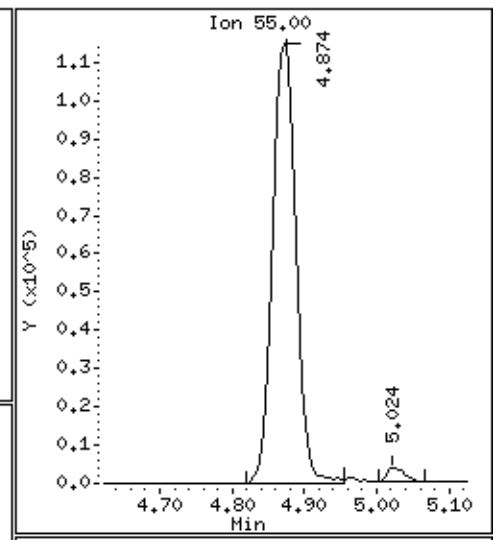
Review Code:

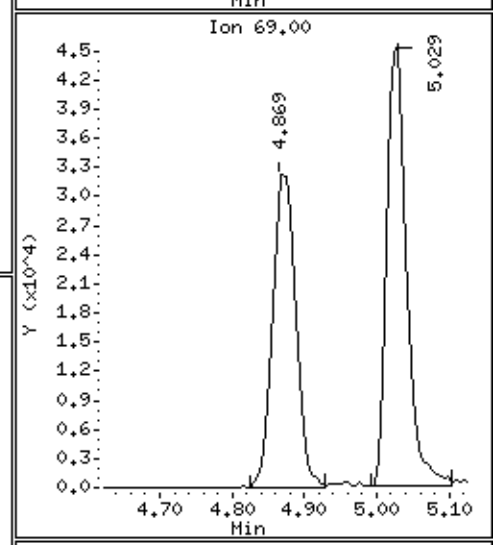


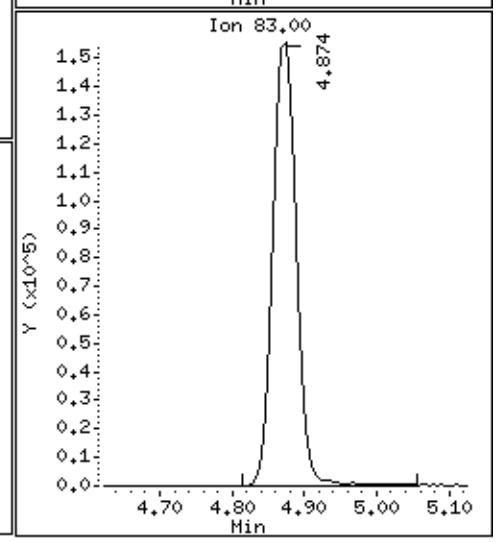












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

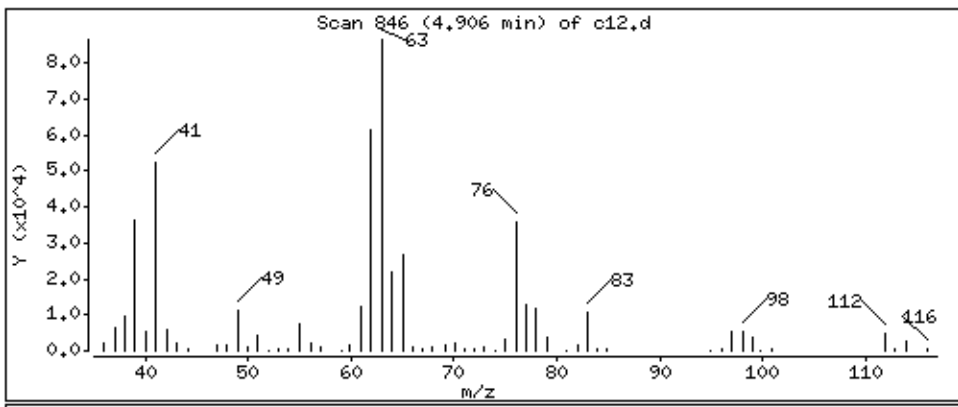
Column phase: DB-624

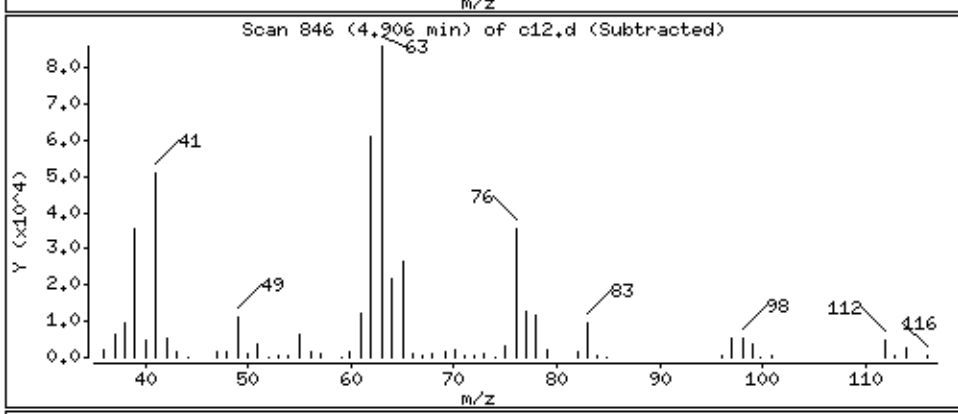
Column diameter: 0.18

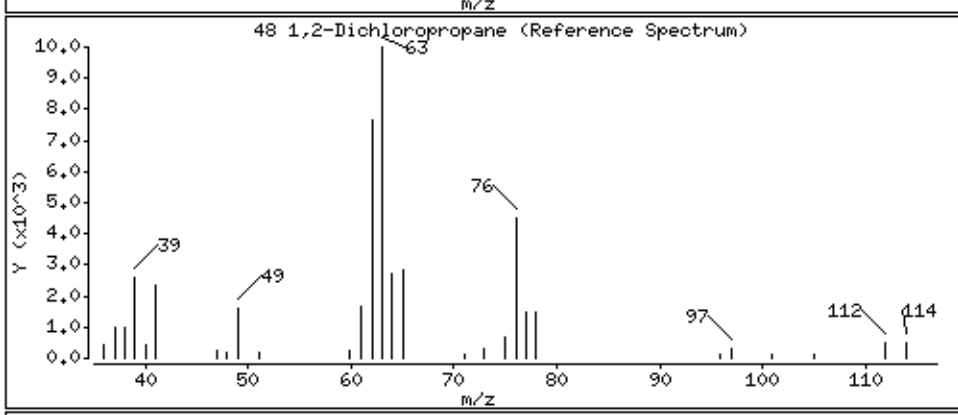
48 1,2-Dichloropropane

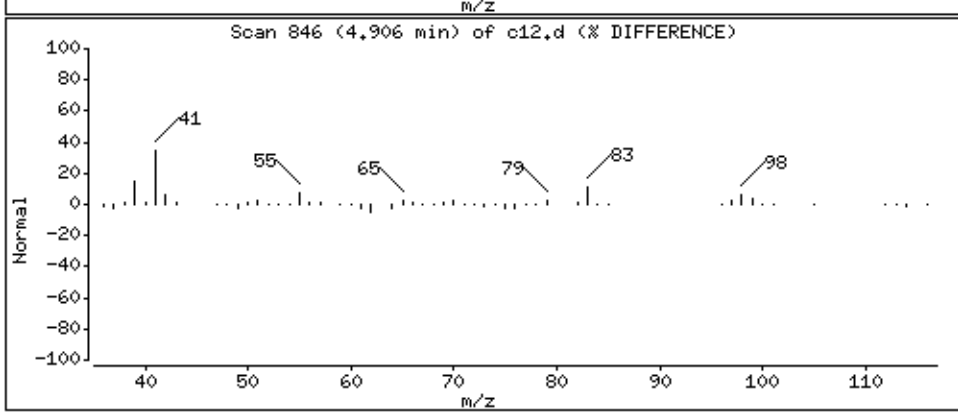
Concentration: 40.6 ppb

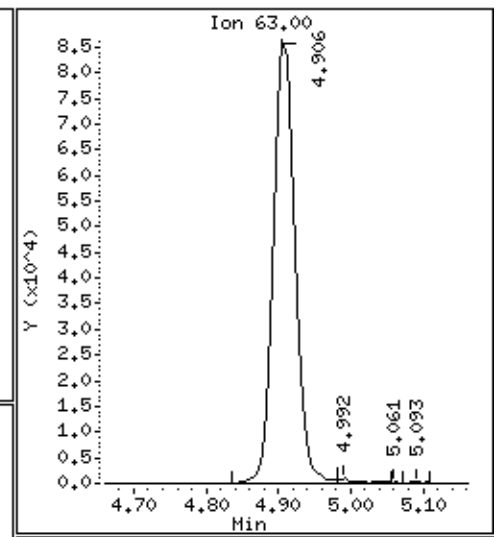
Review Code:

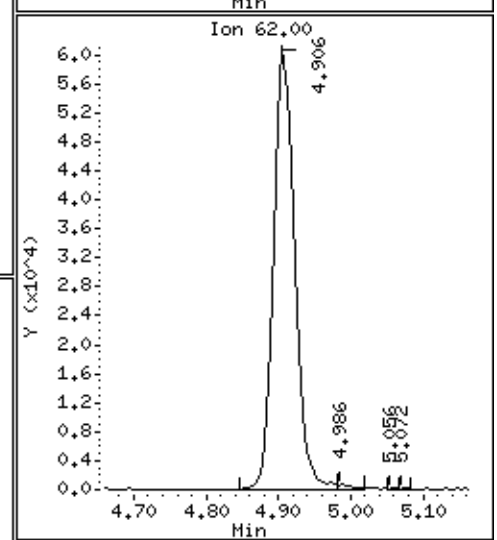


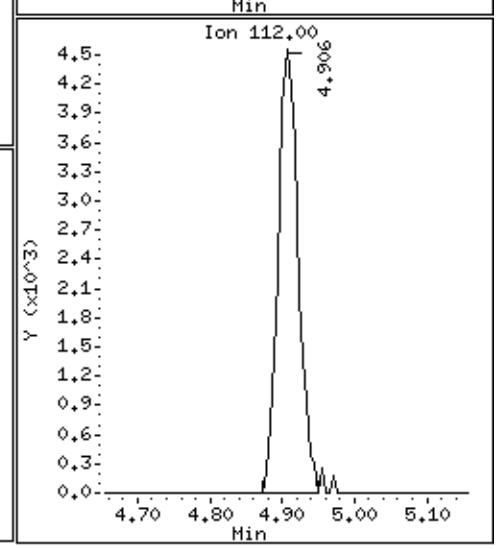












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

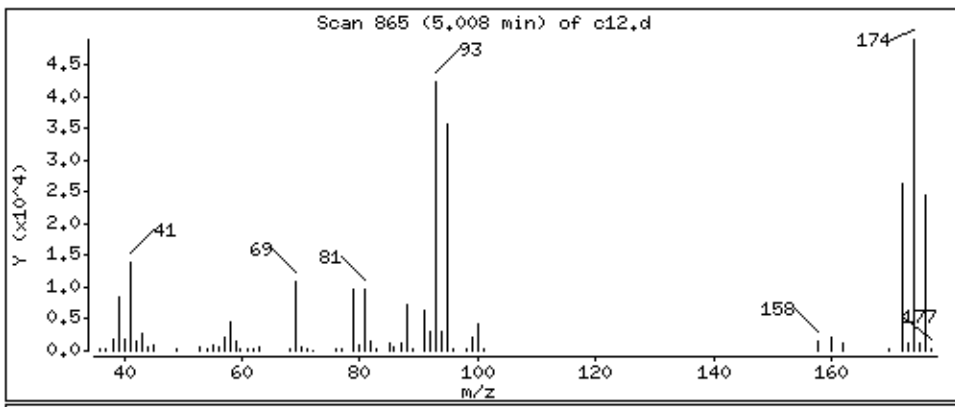
Column phase: DB-624

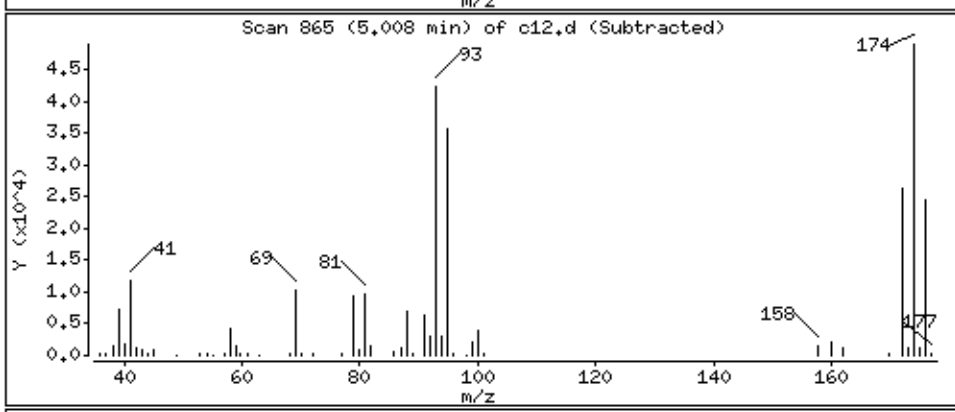
Column diameter: 0.18

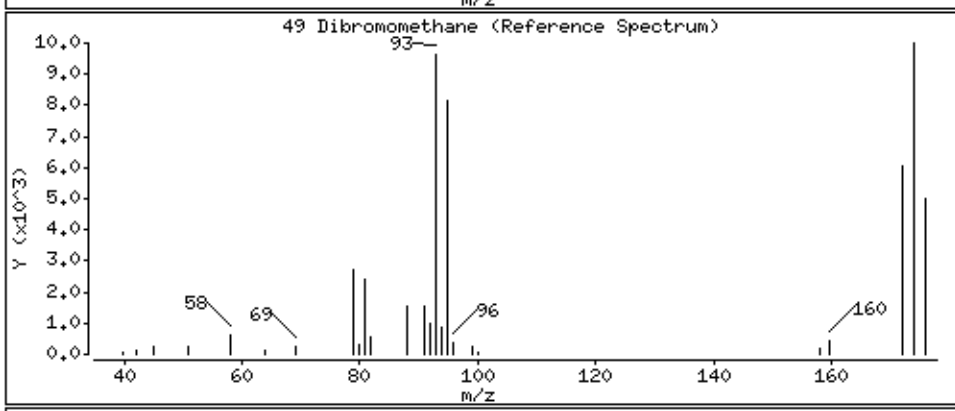
49 Dibromomethane

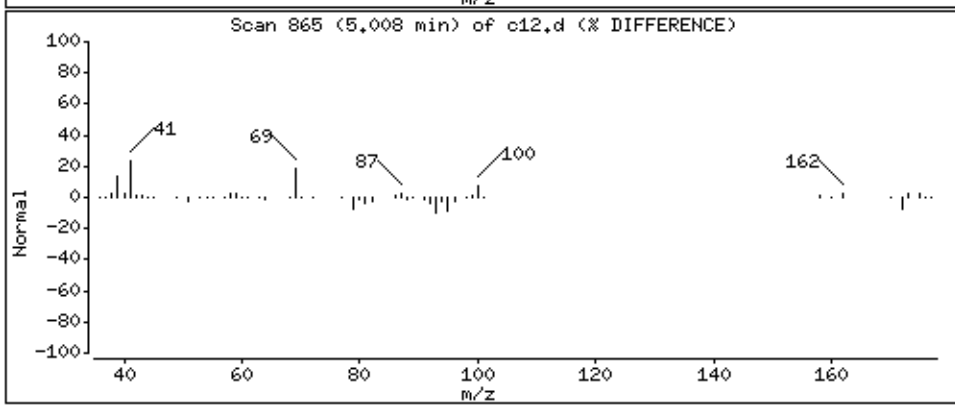
Concentration: 44.0 ppb

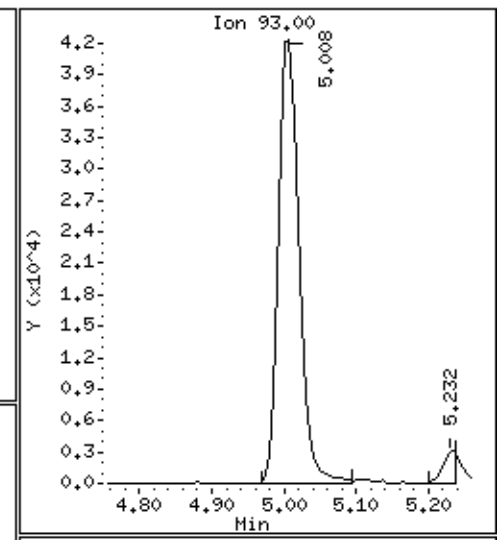
Review Code:

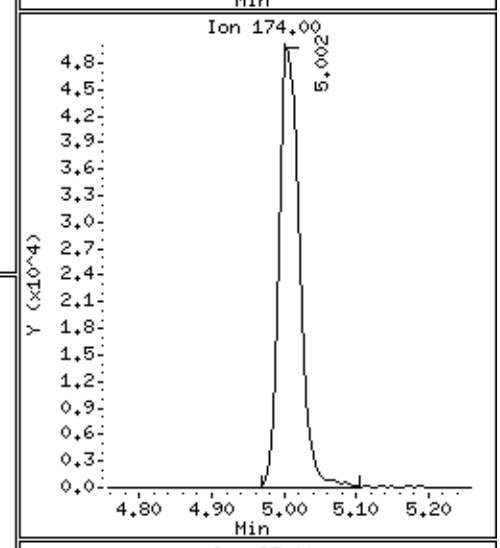


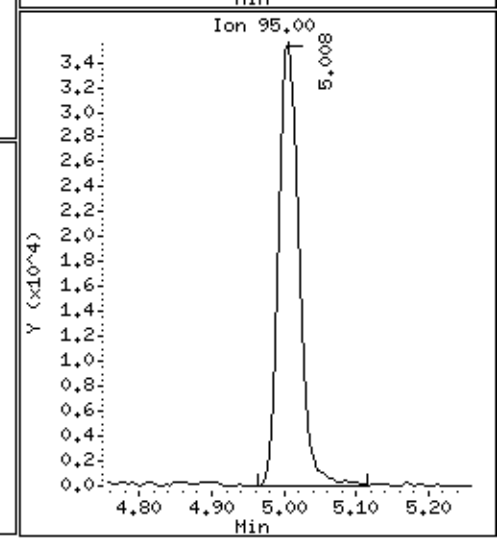












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

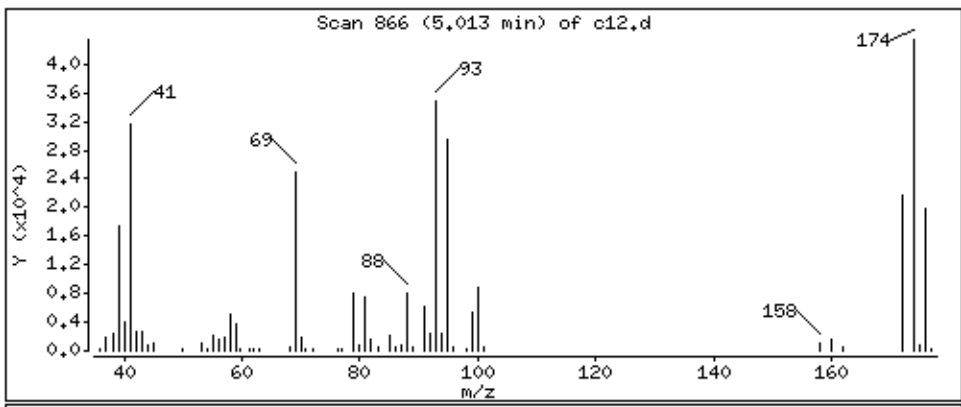
Column phase: DB-624

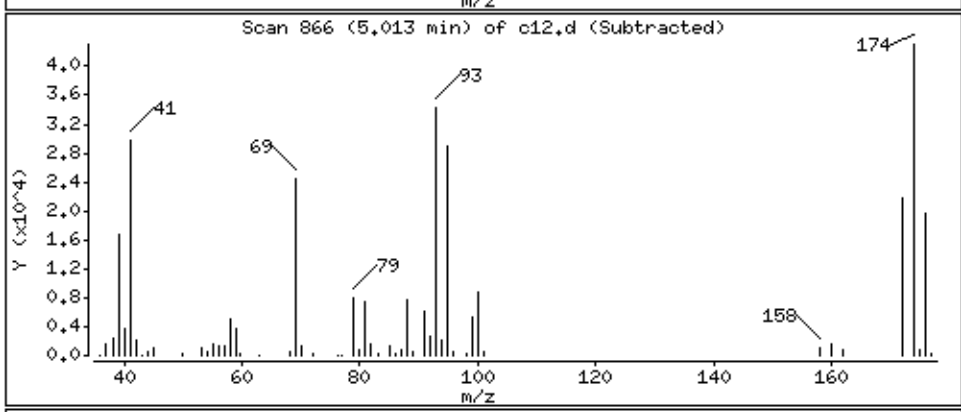
Column diameter: 0.18

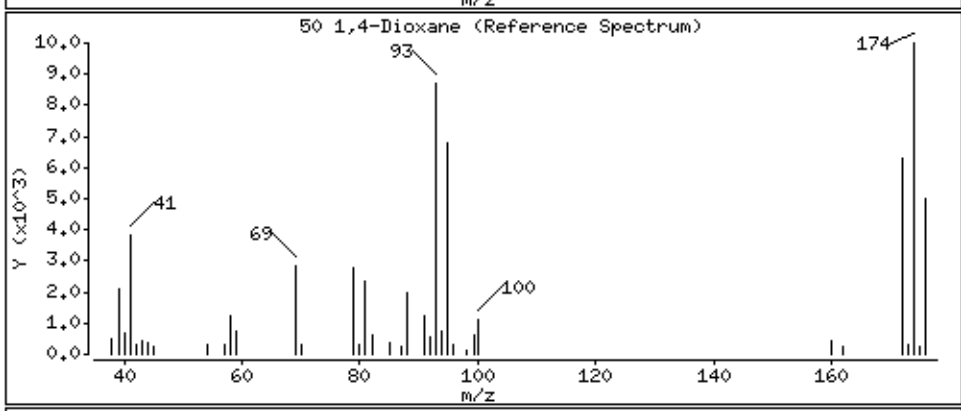
50 1,4-Dioxane

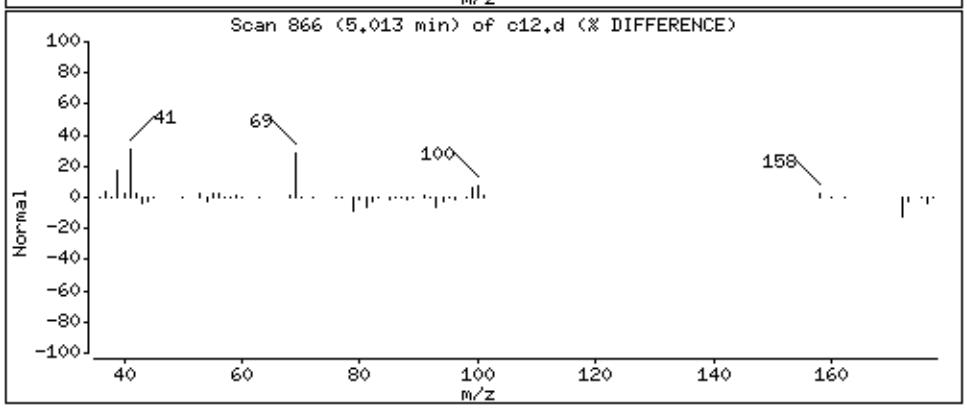
Concentration: 1200 ppb

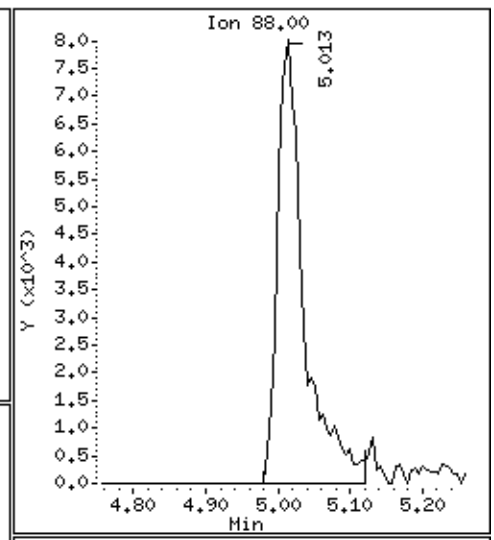
Review Code:

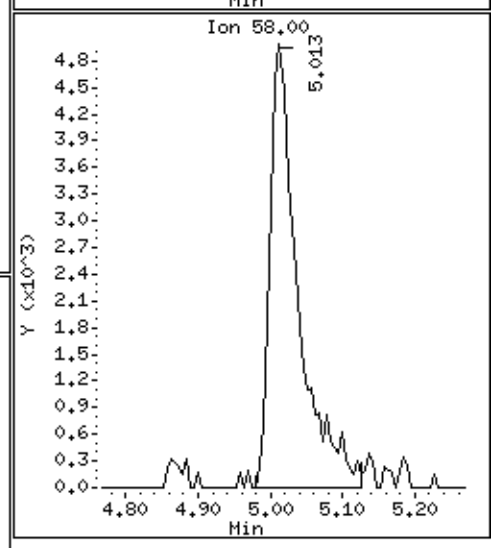












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

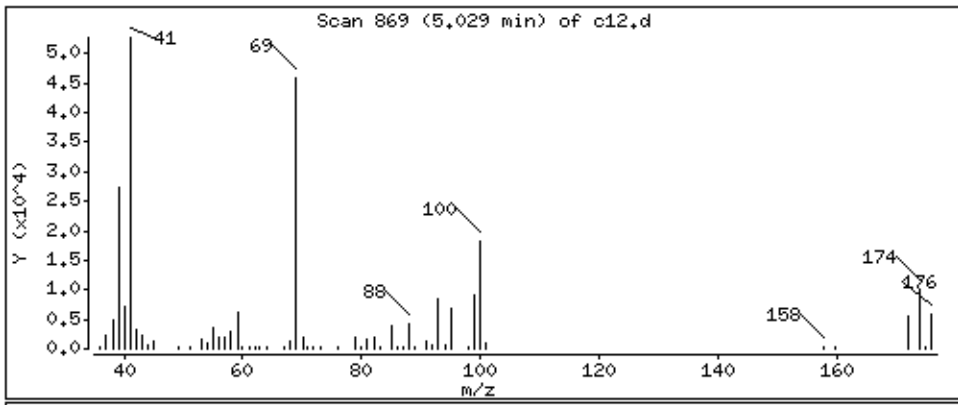
Column phase: DB-624

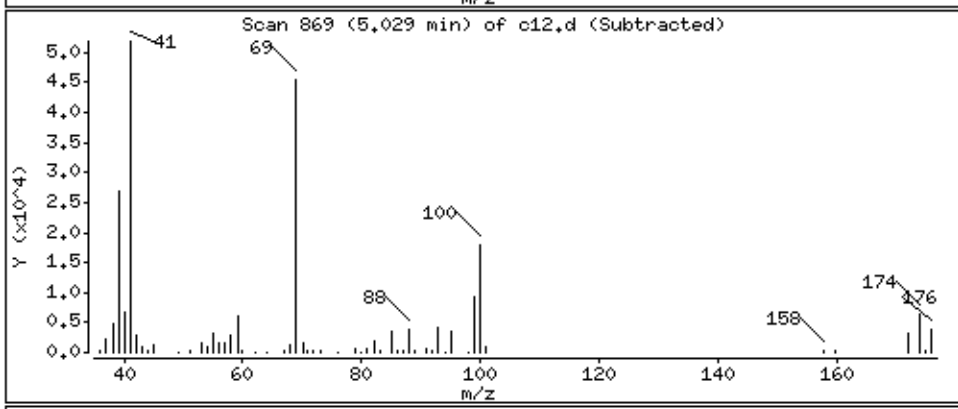
Column diameter: 0.18

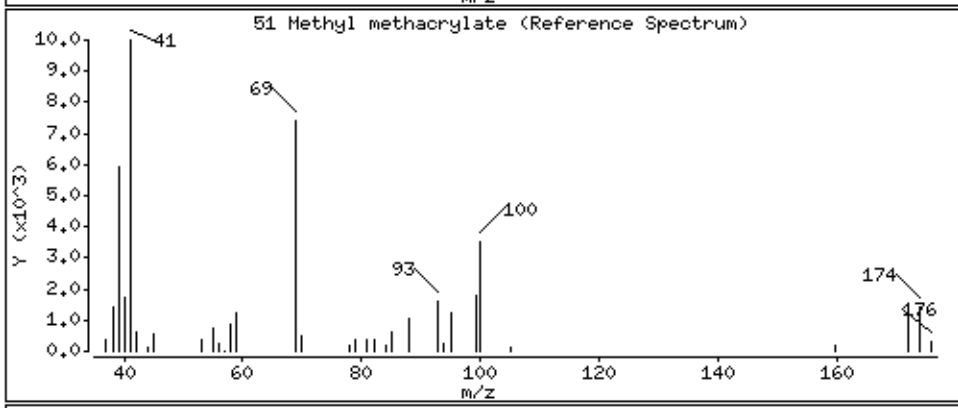
51 Methyl methacrylate

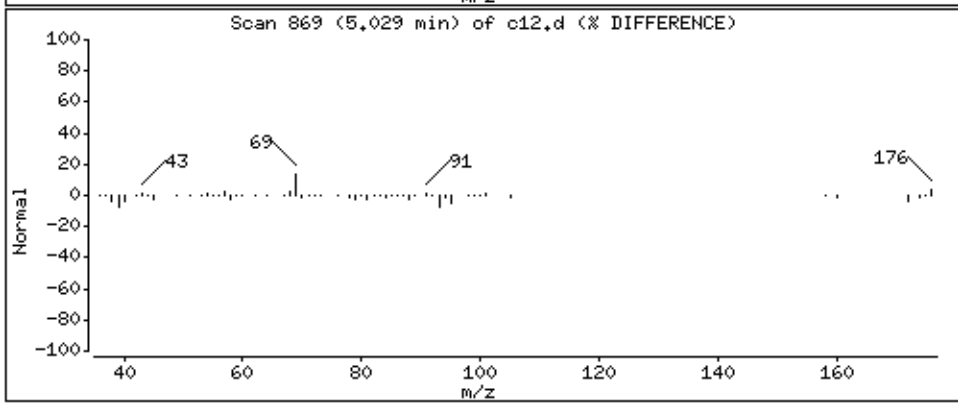
Concentration: 44.7 ppb

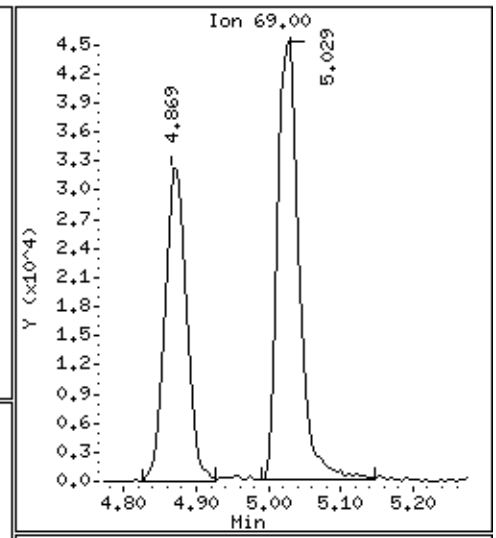
Review Code:

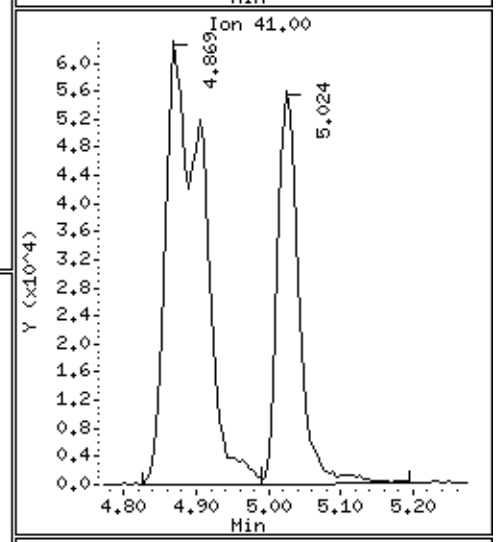


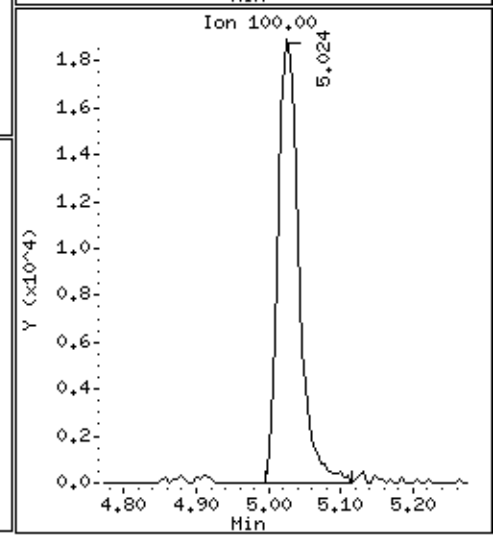












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

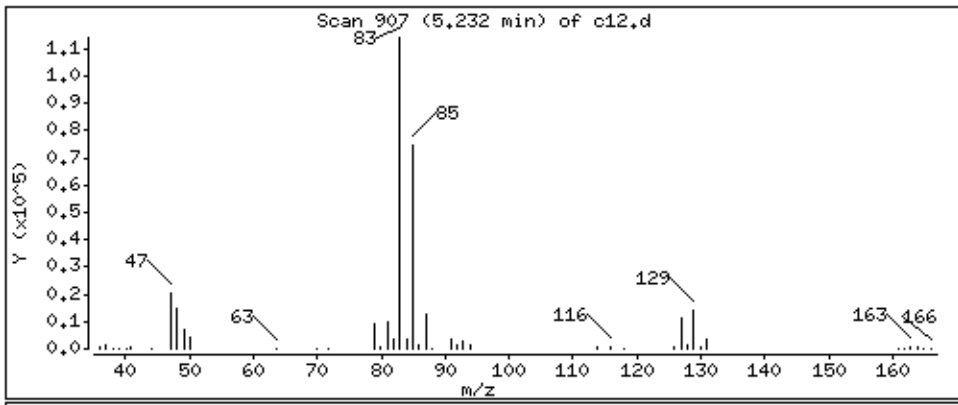
Column phase: DB-624

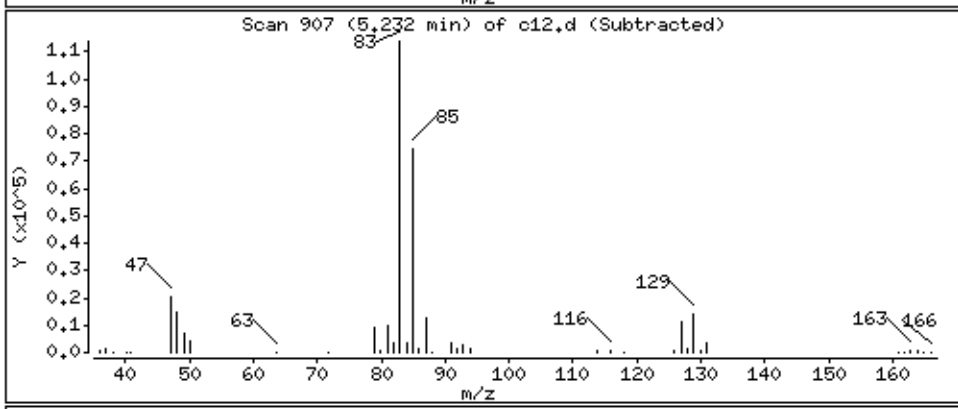
Column diameter: 0.18

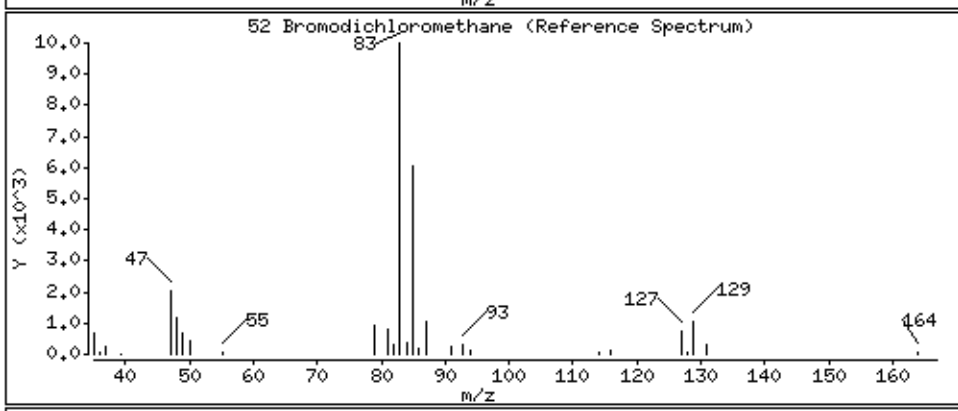
52 Bromodichloromethane

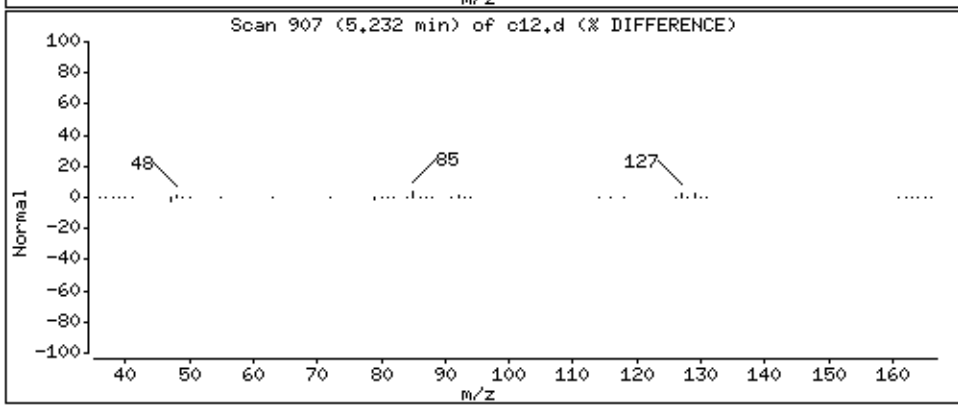
Concentration: 39.9 ppb

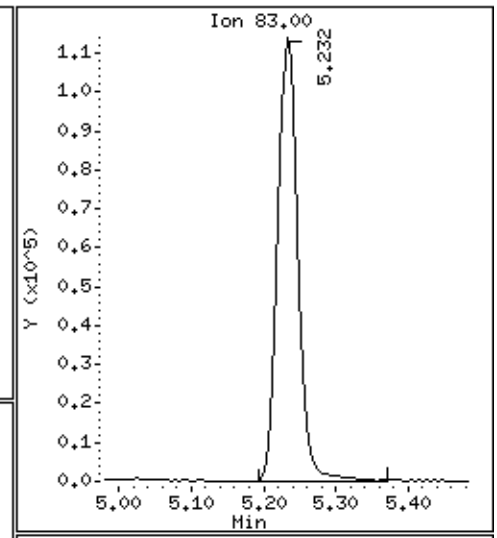
Review Code:

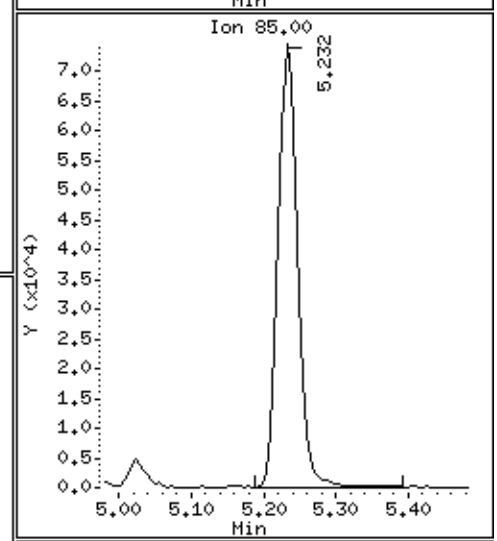


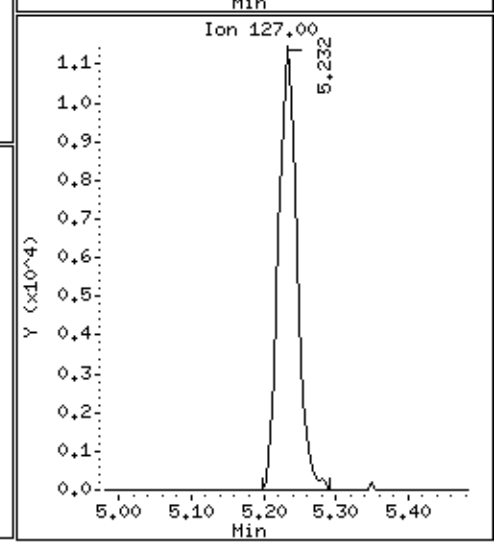












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

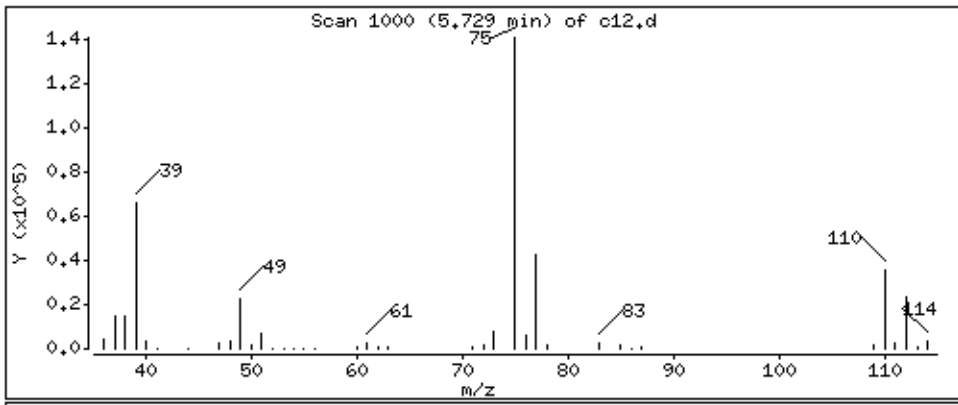
Column phase: DB-624

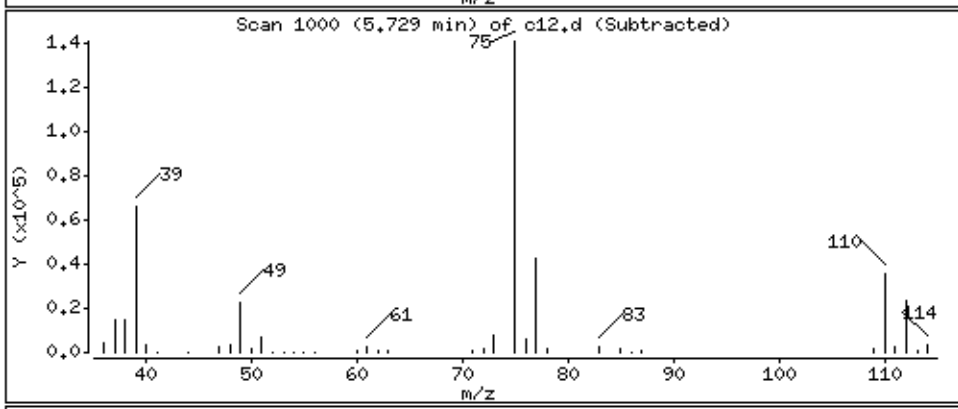
Column diameter: 0.18

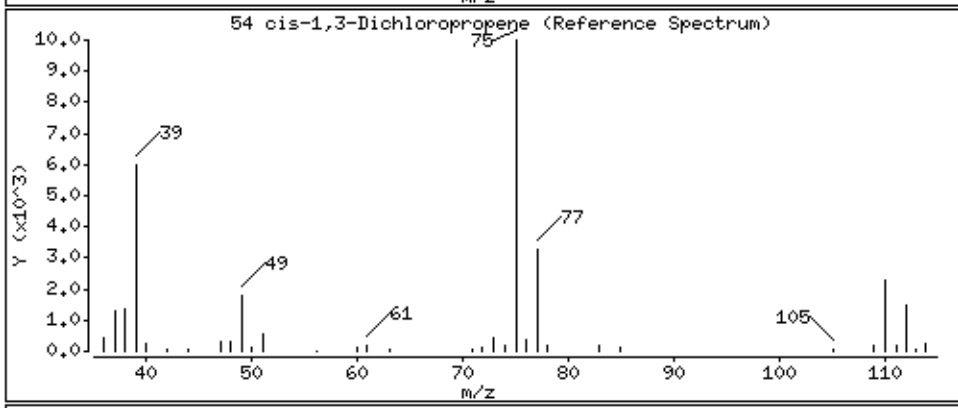
54 cis-1,3-Dichloropropene

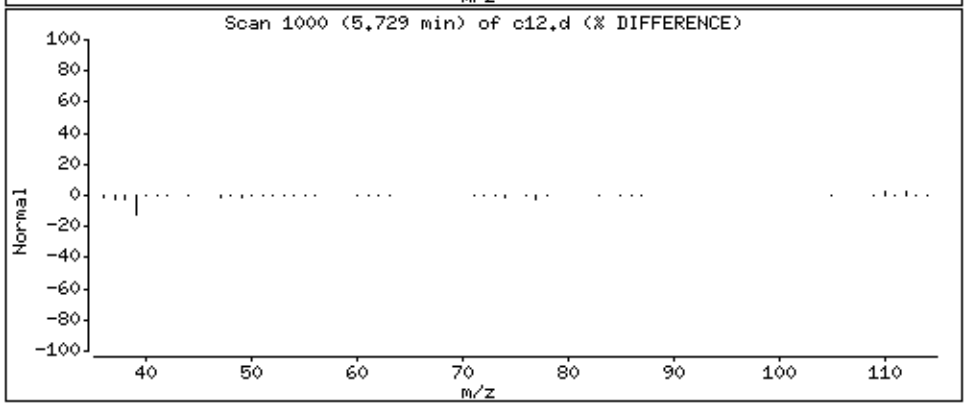
Concentration: 38.3 ppb

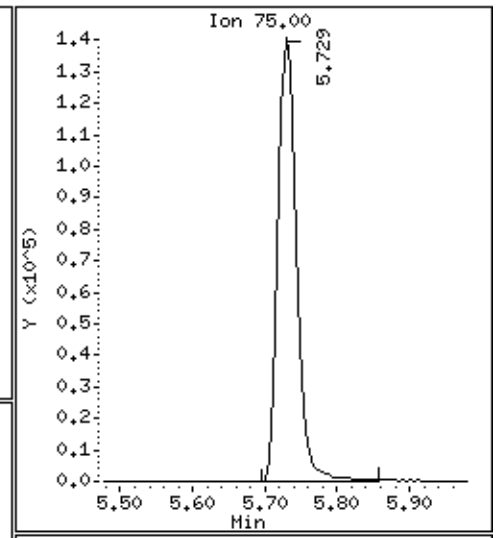
Review Code:

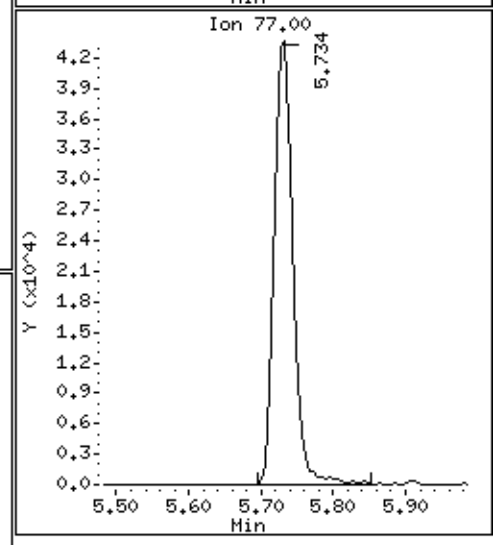












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

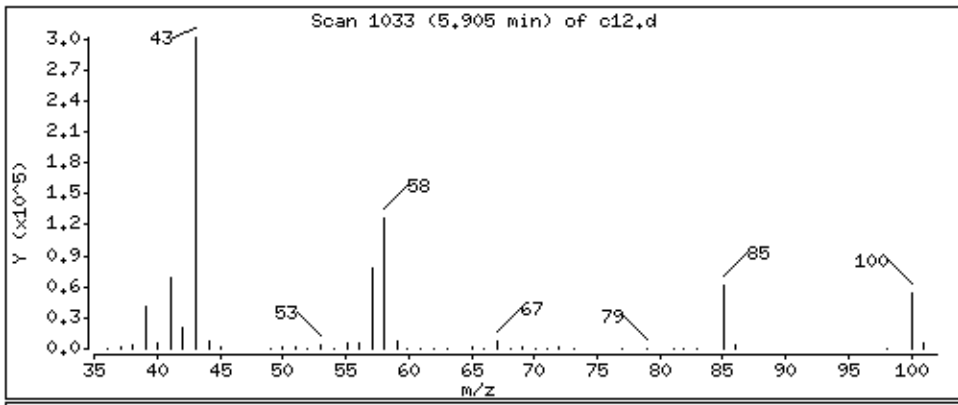
Column phase: DB-624

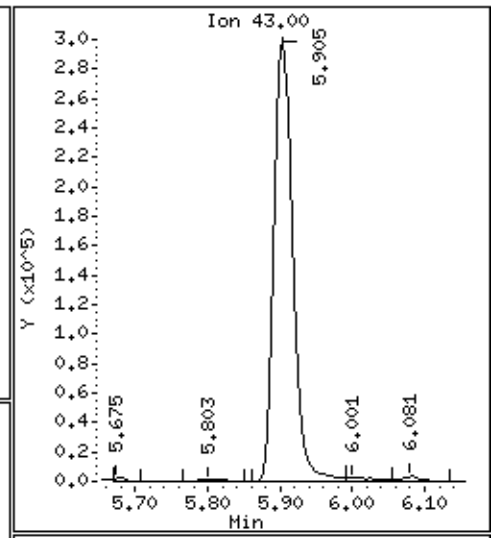
Column diameter: 0.18

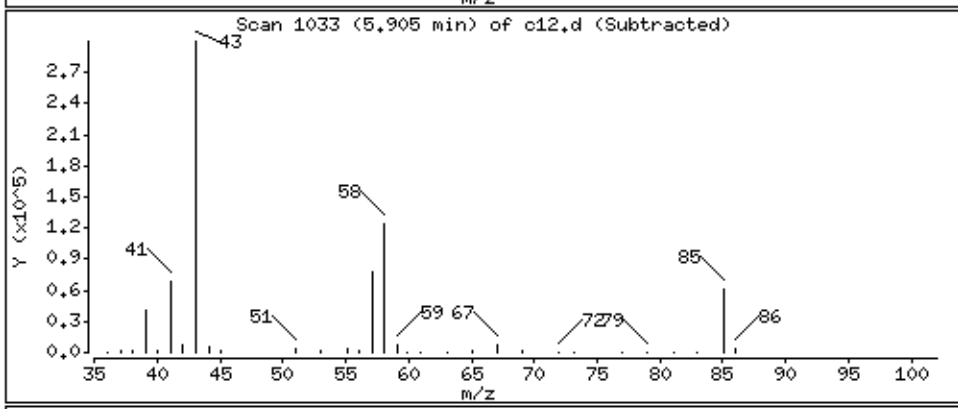
55 4-Methyl-2-Pentanone

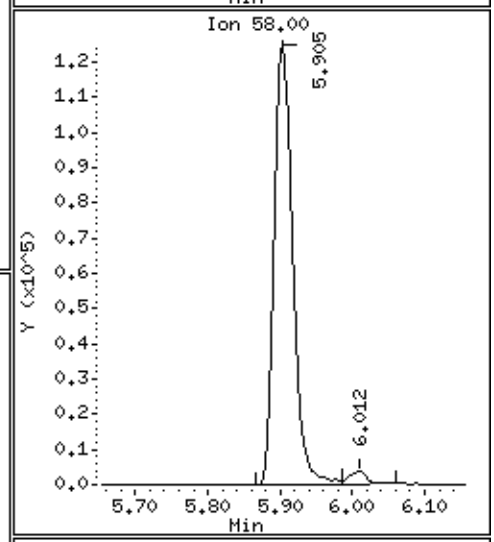
Concentration: 224 ppb

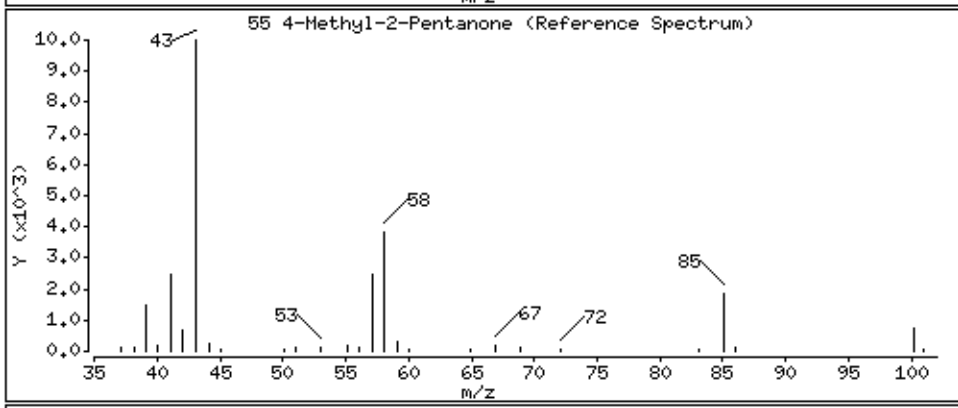
Review Code:

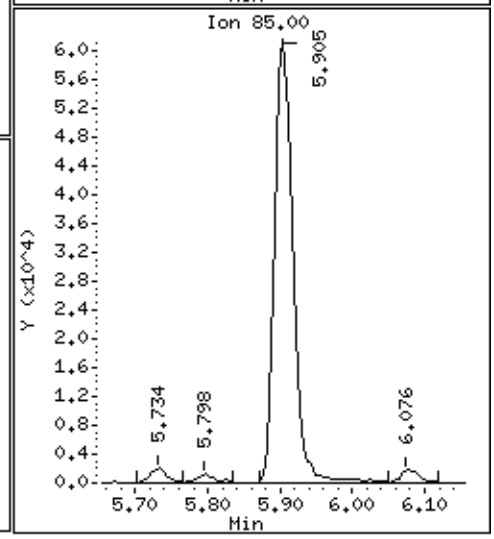


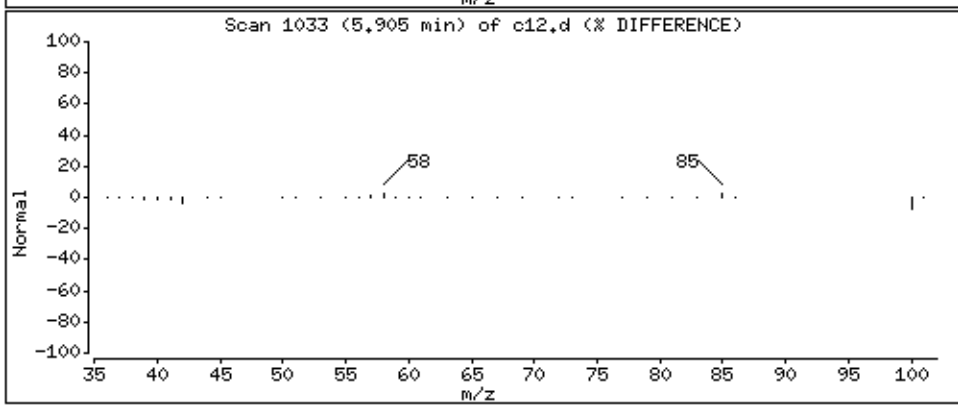












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

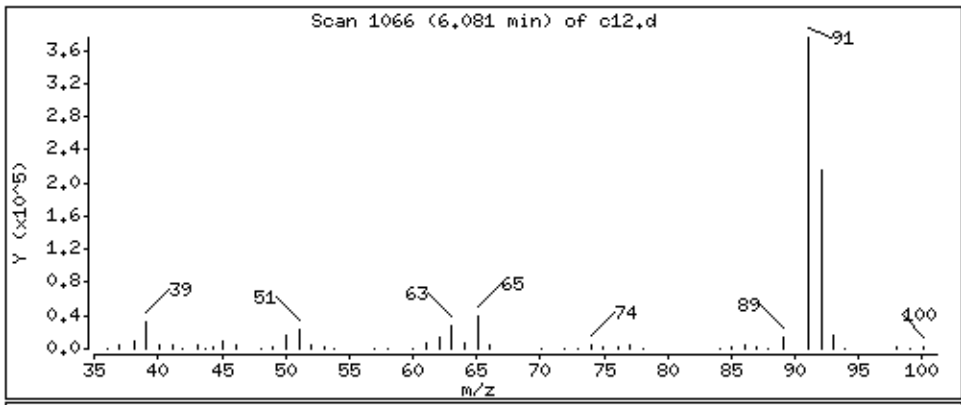
Column phase: DB-624

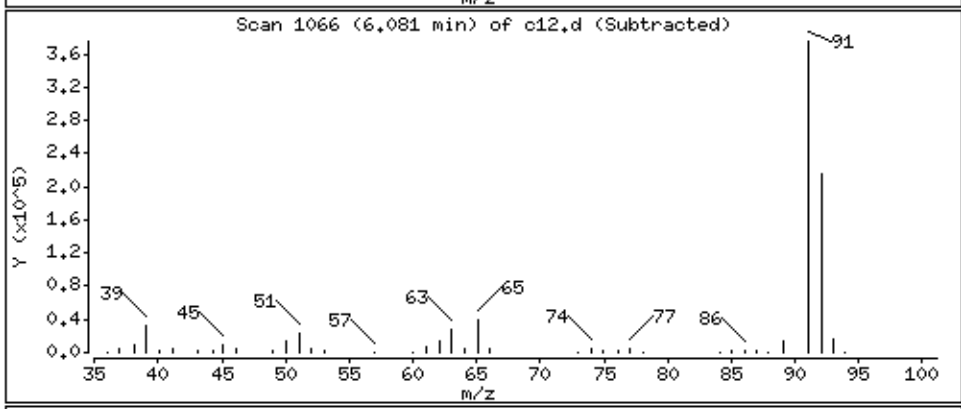
Column diameter: 0.18

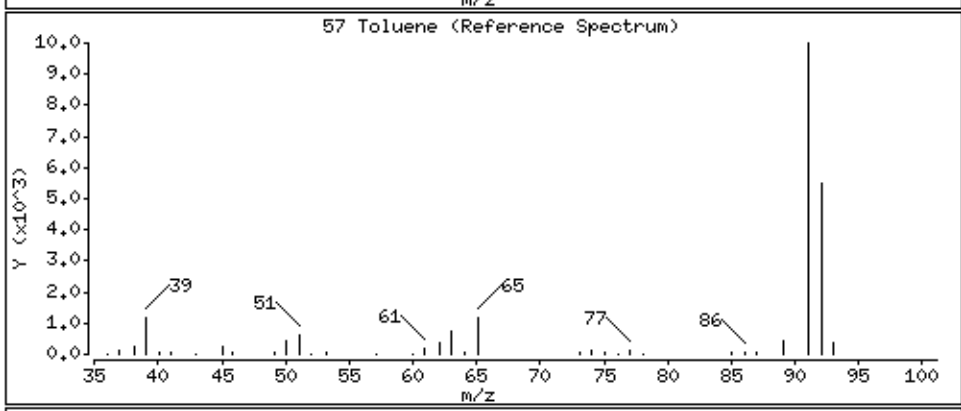
57 Toluene

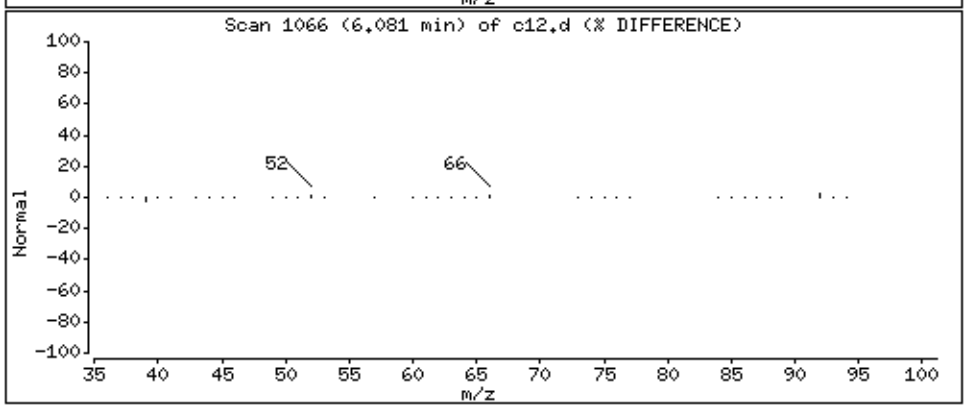
Concentration: 33.9 ppb

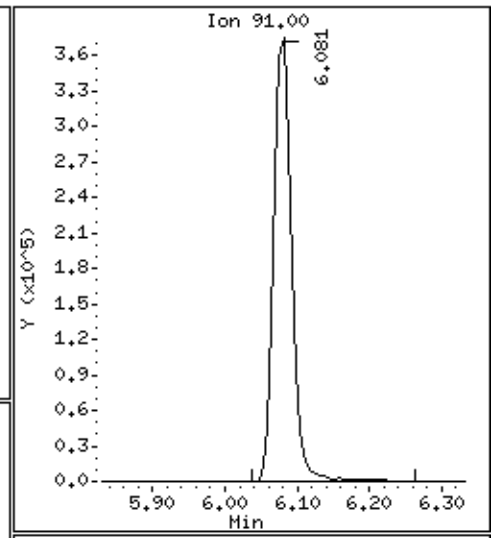
Review Code:

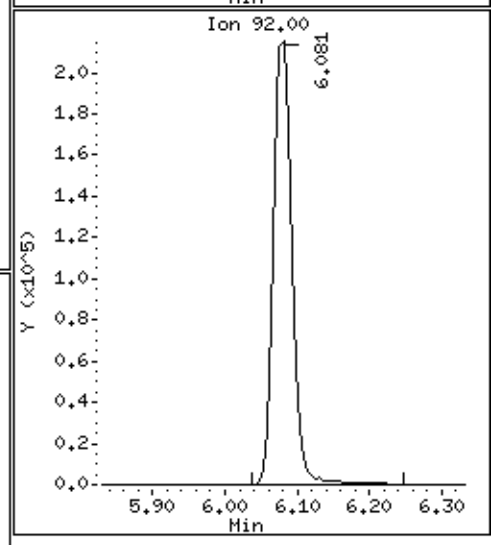












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

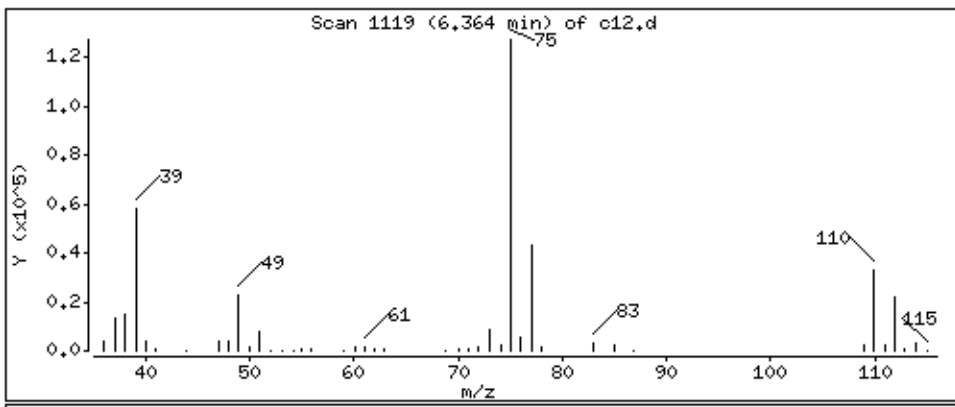
Column phase: DB-624

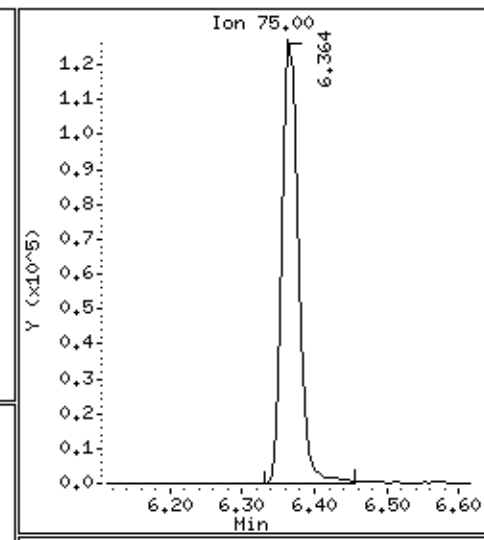
Column diameter: 0.18

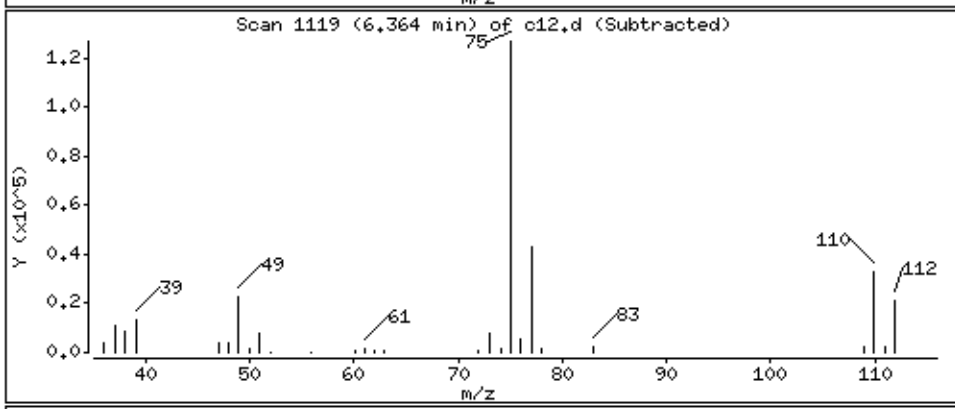
58 trans-1,3-Dichloropropene

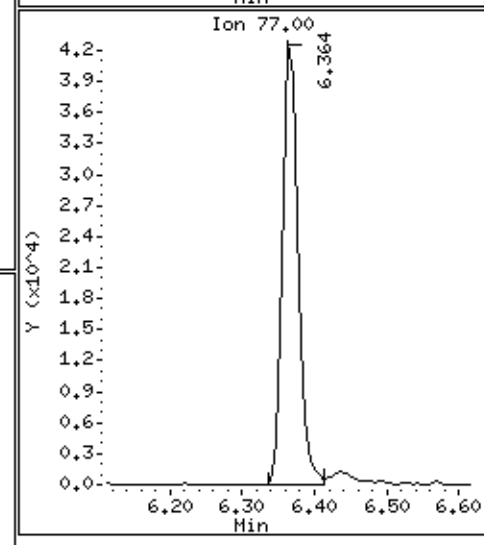
Concentration: 37.9 ppb

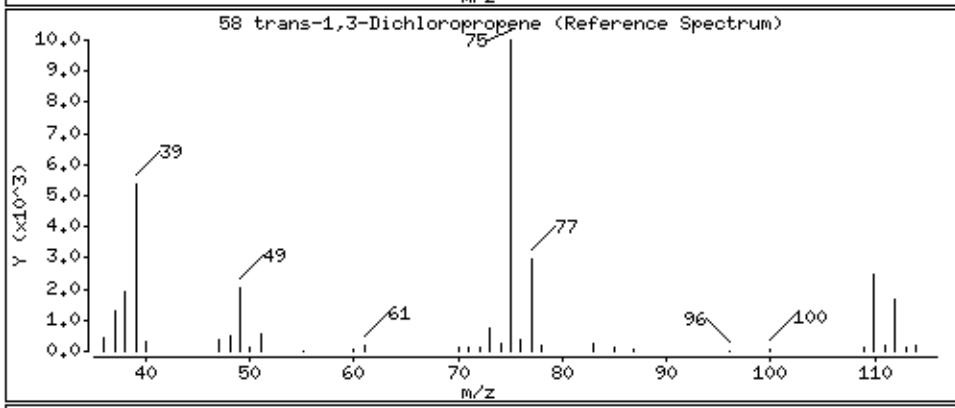
Review Code:

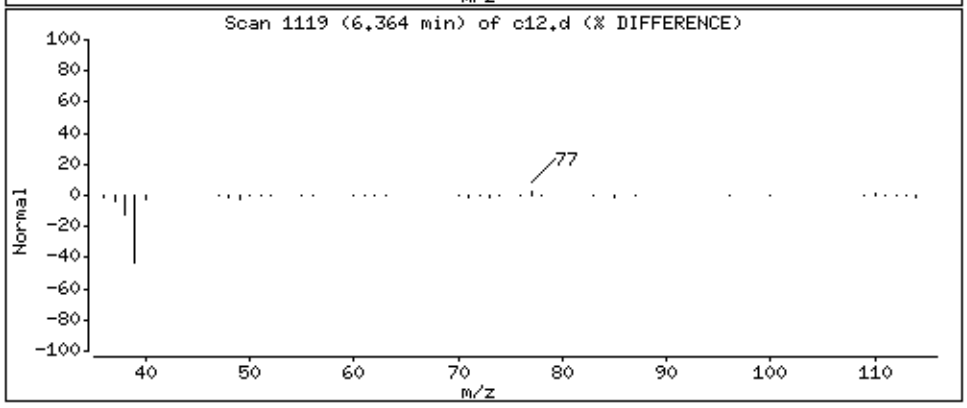












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

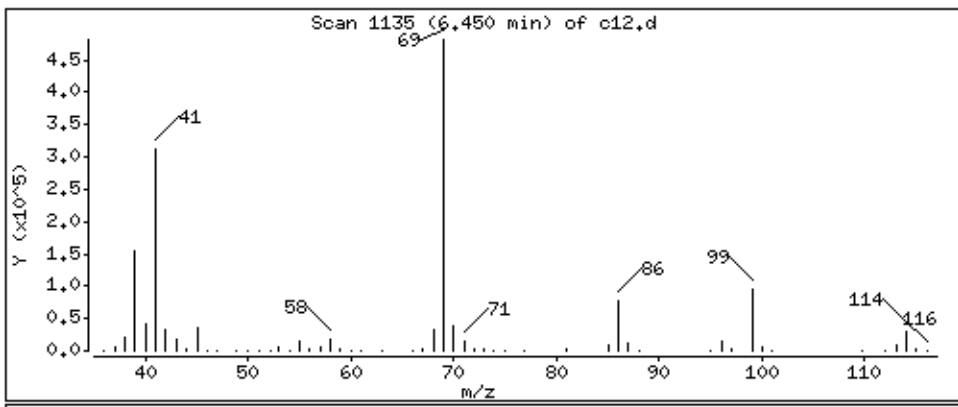
Column phase: DB-624

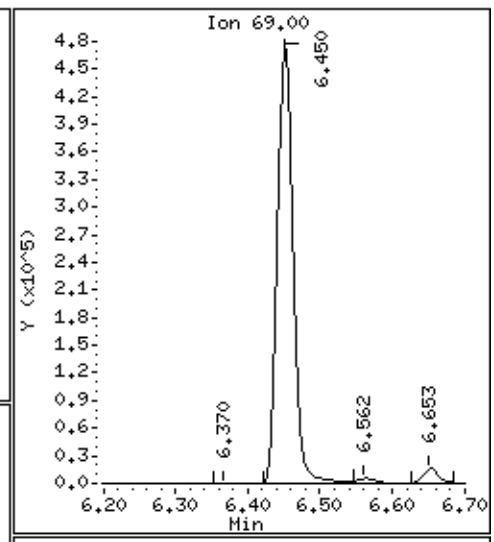
Column diameter: 0.18

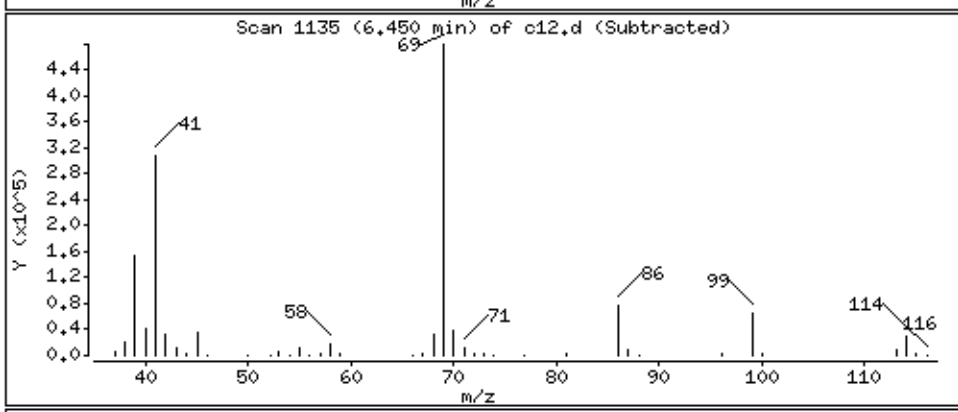
59 Ethyl Methacrylate

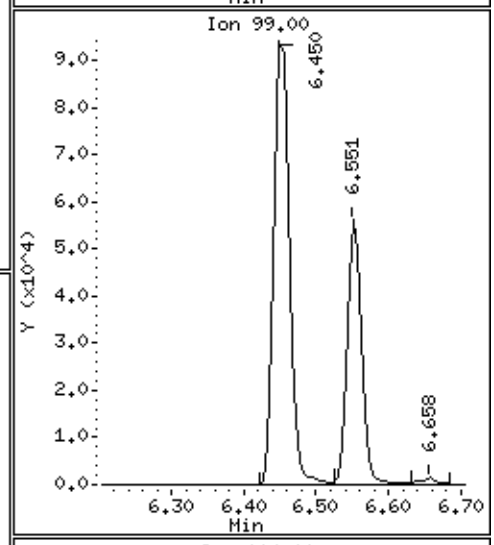
Concentration: 177 ppb

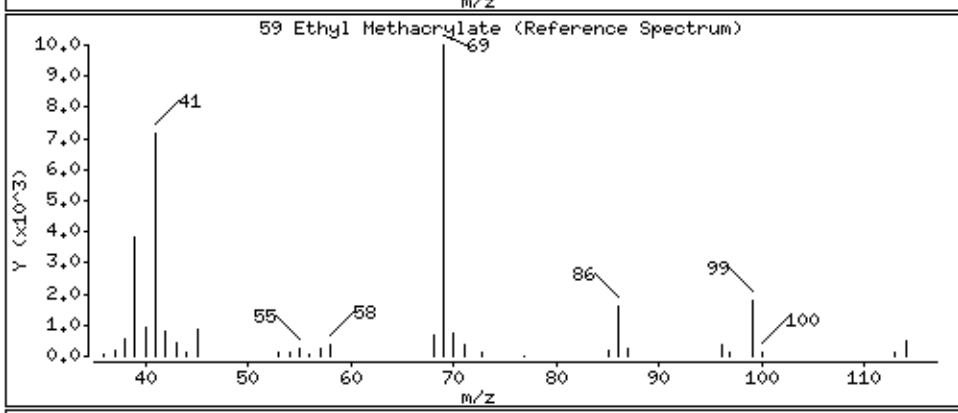
Review Code:

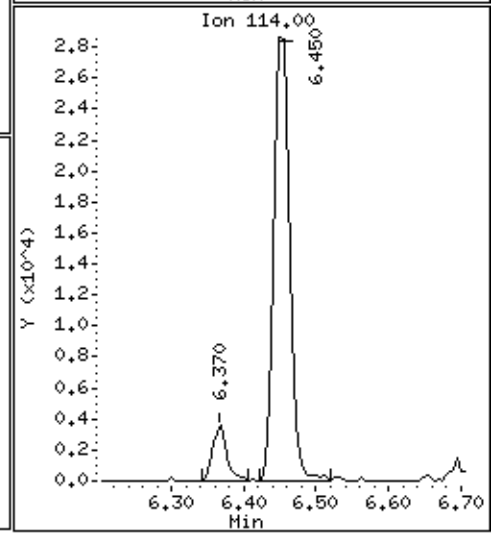


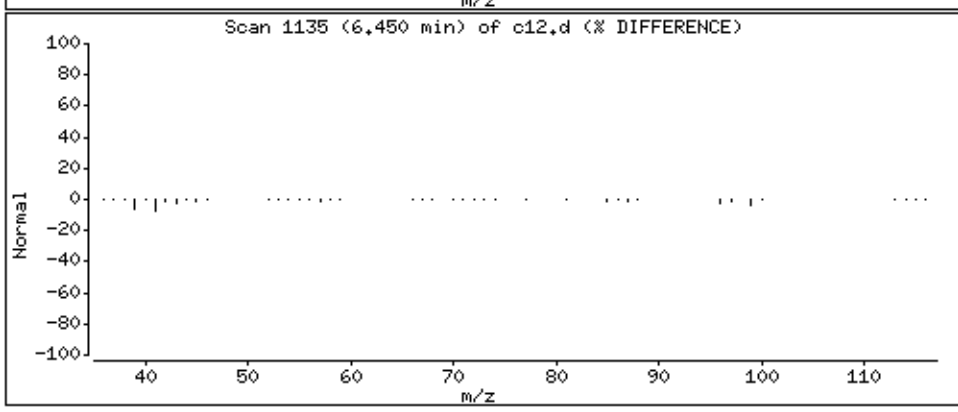












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

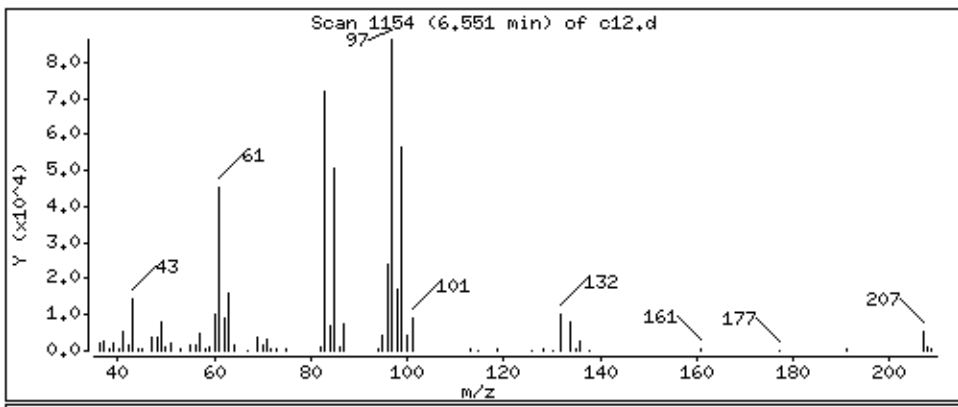
Column phase: DB-624

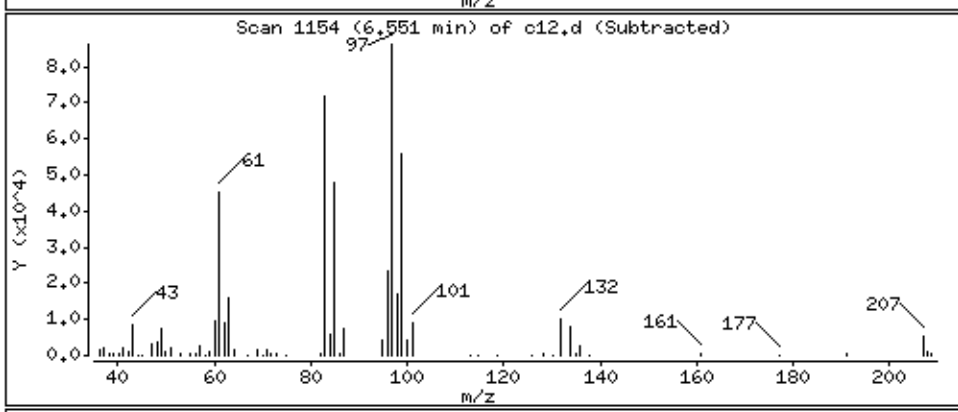
Column diameter: 0.18

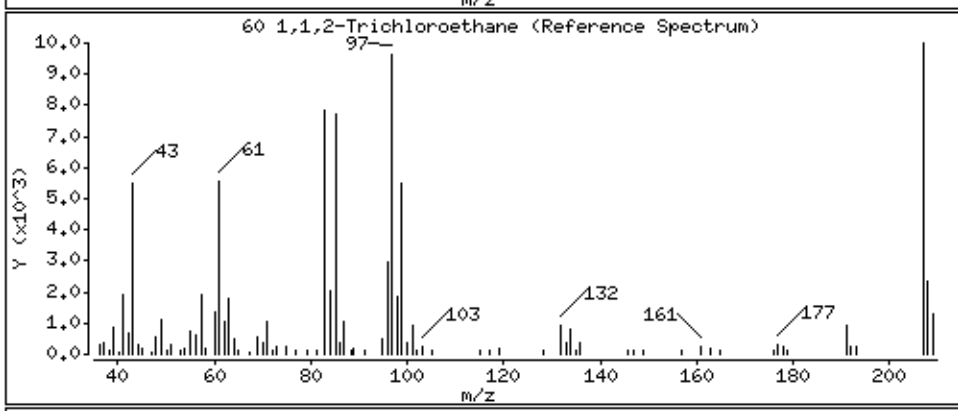
60 1,1,2-Trichloroethane

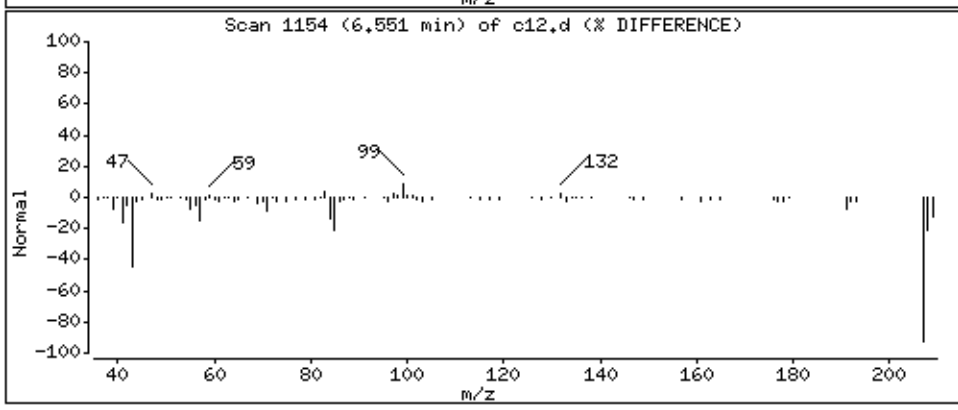
Concentration: 44.3 ppb

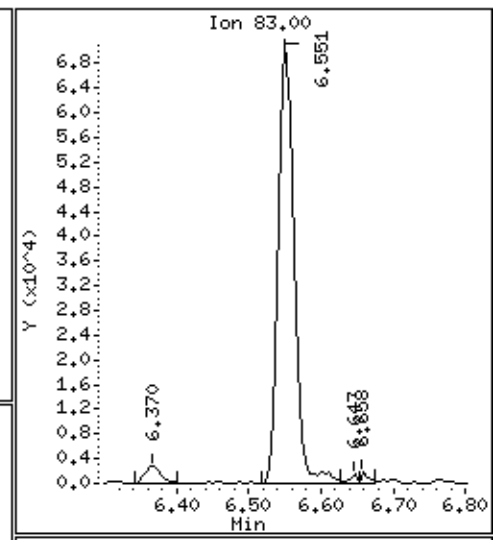
Review Code:

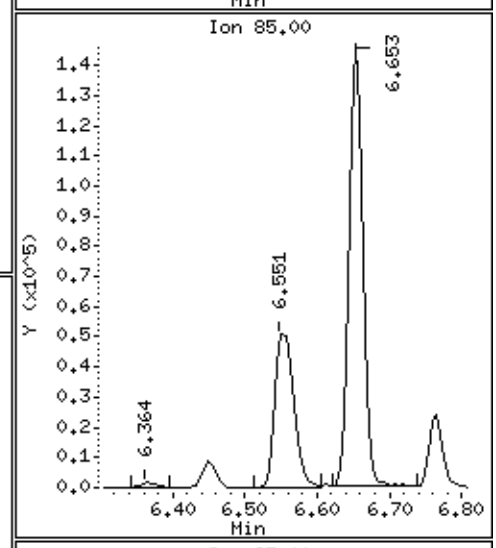


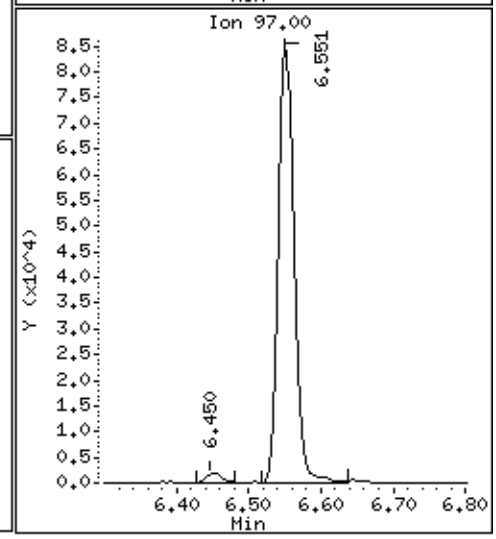












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

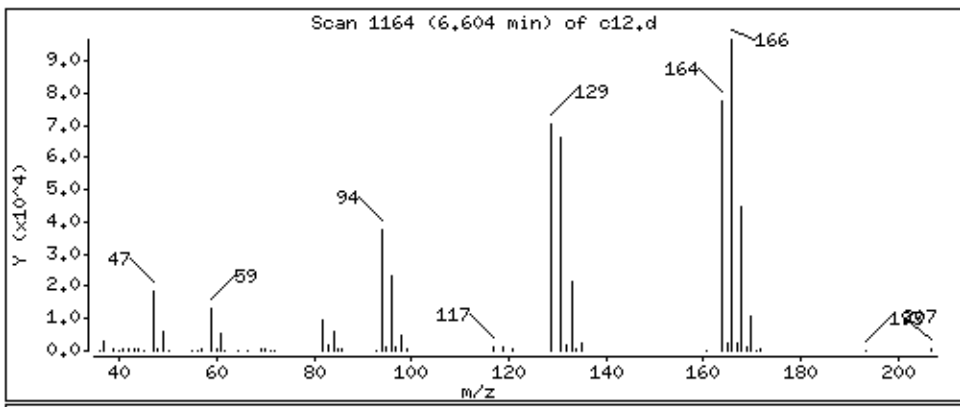
Column phase: DB-624

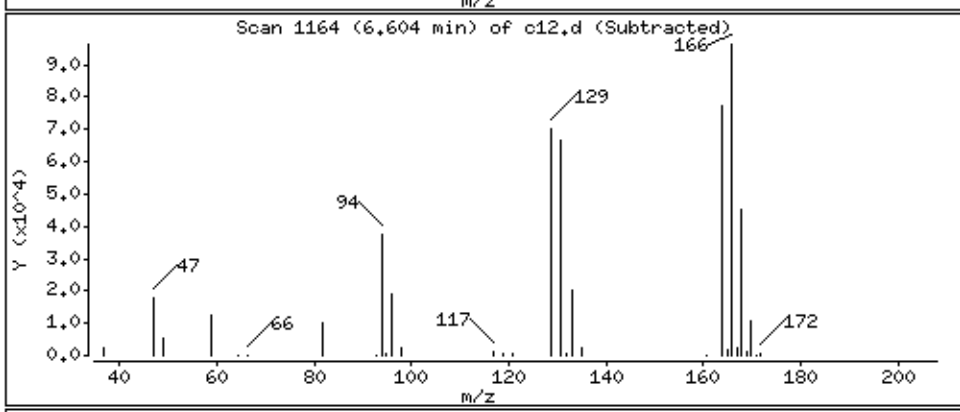
Column diameter: 0.18

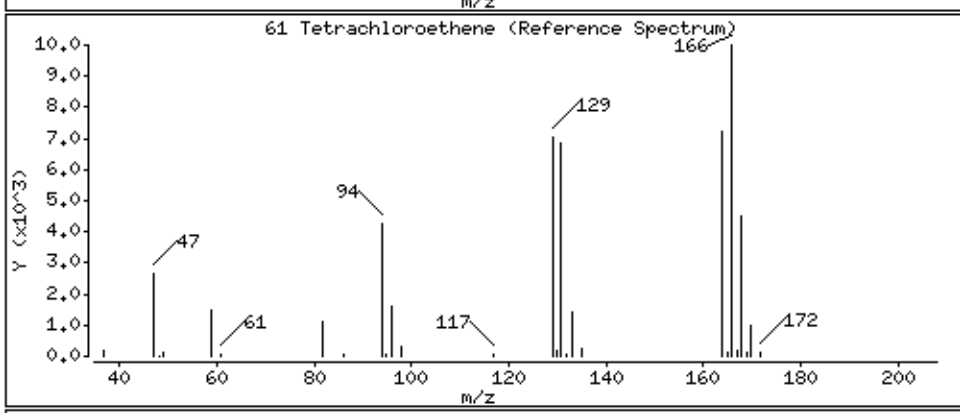
61 Tetrachloroethene

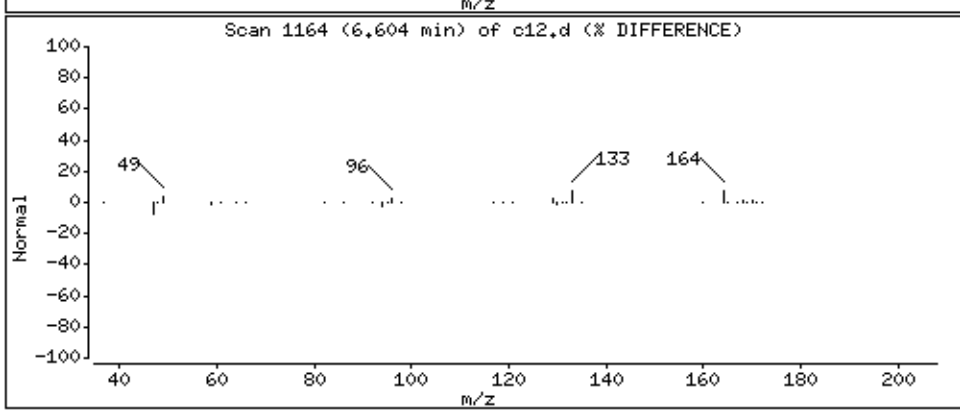
Concentration: 30.0 ppb

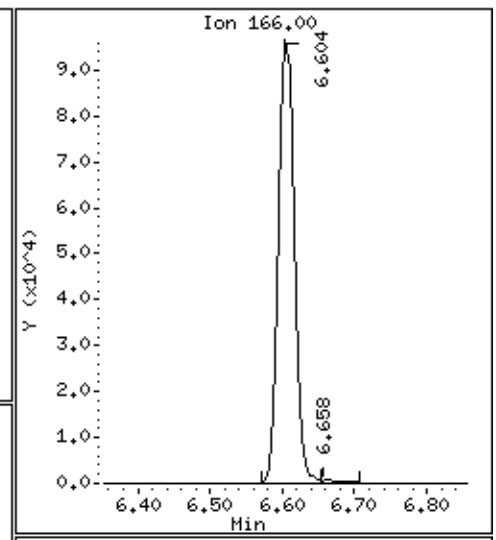
Review Code:

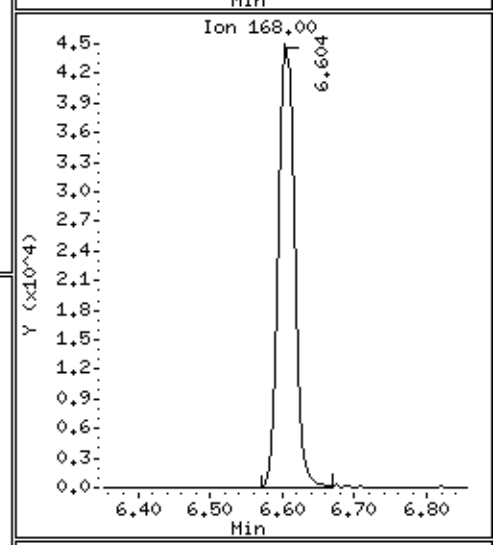


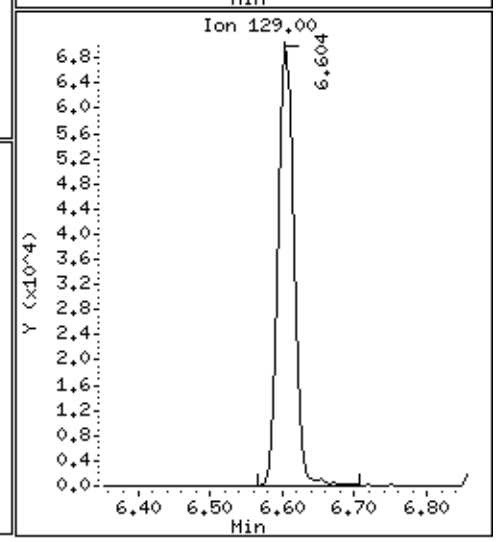












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

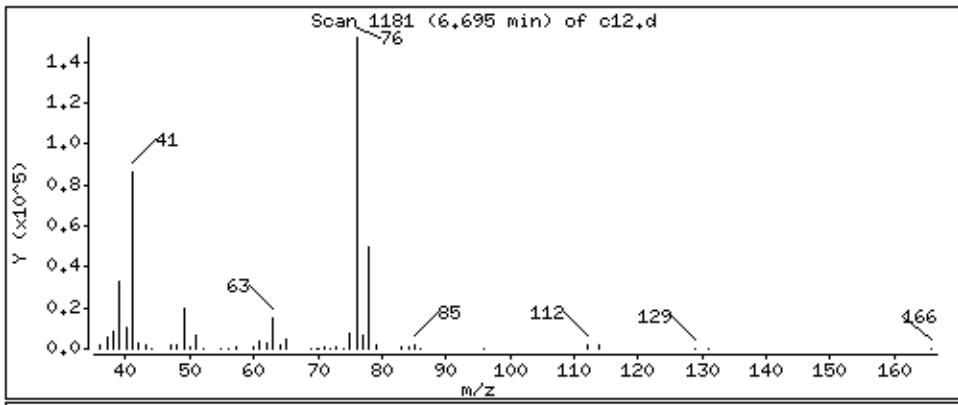
Column phase: DB-624

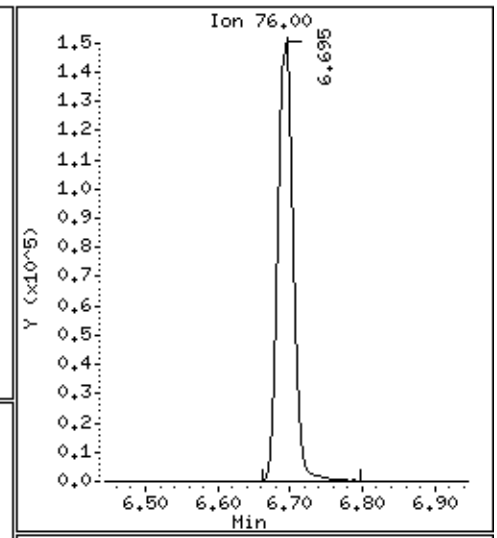
Column diameter: 0.18

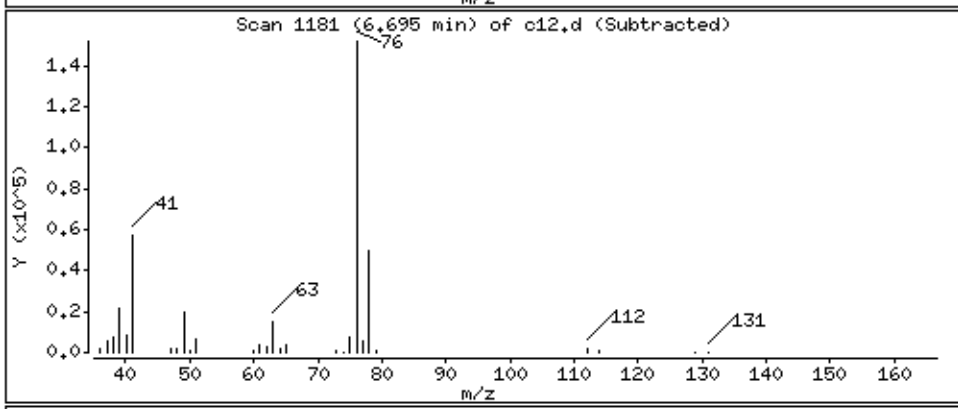
62 1,3-Dichloropropane

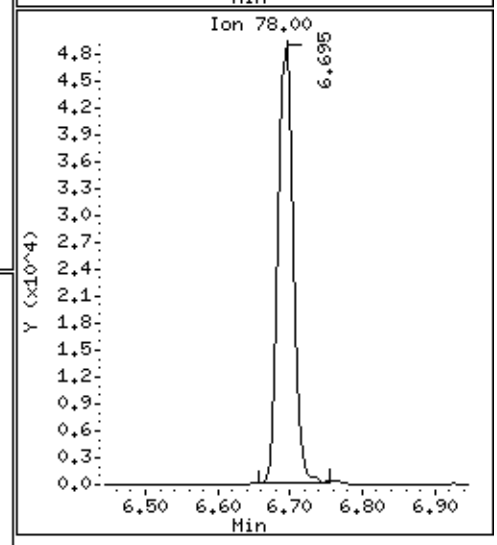
Concentration: 45.8 ppb

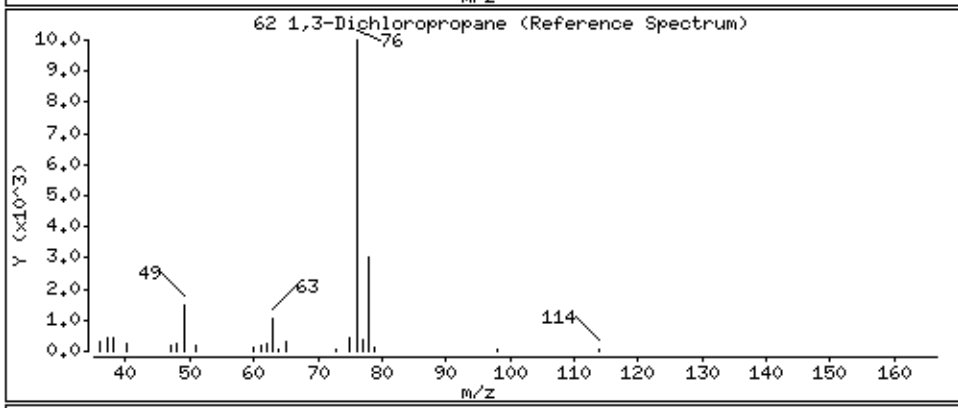
Review Code:

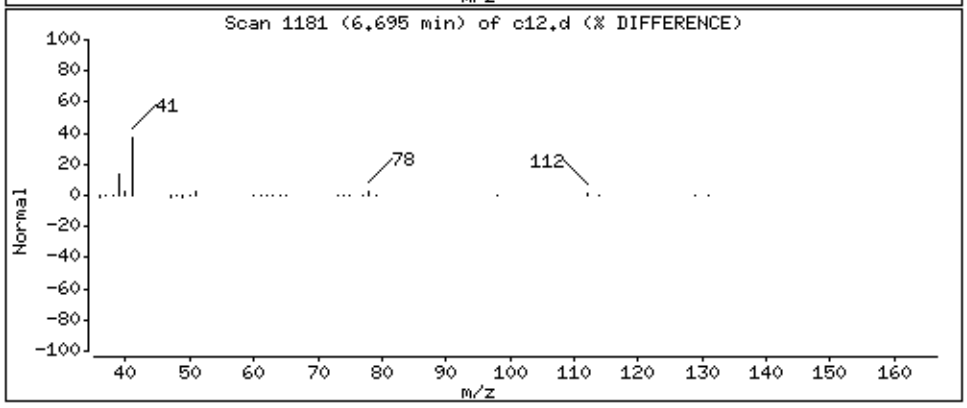












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

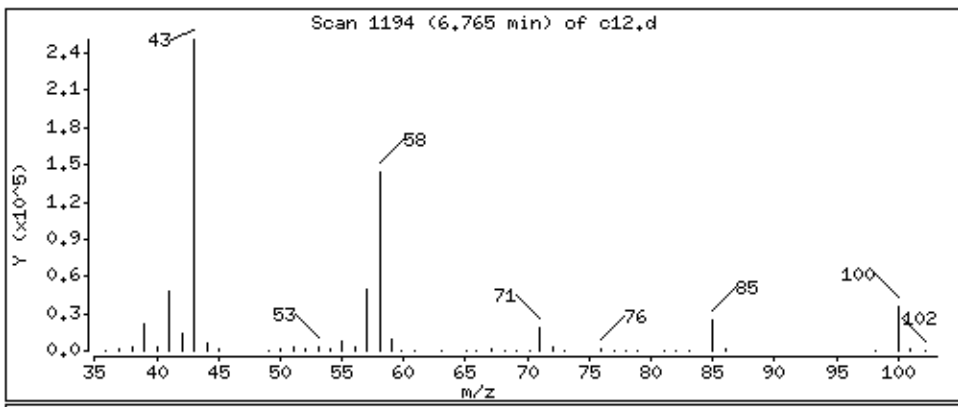
Column phase: DB-624

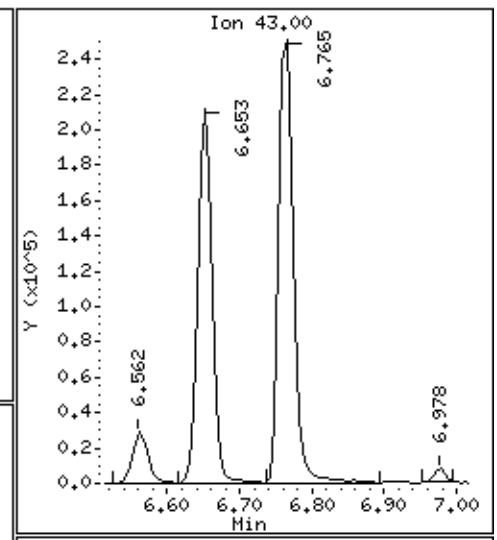
Column diameter: 0.18

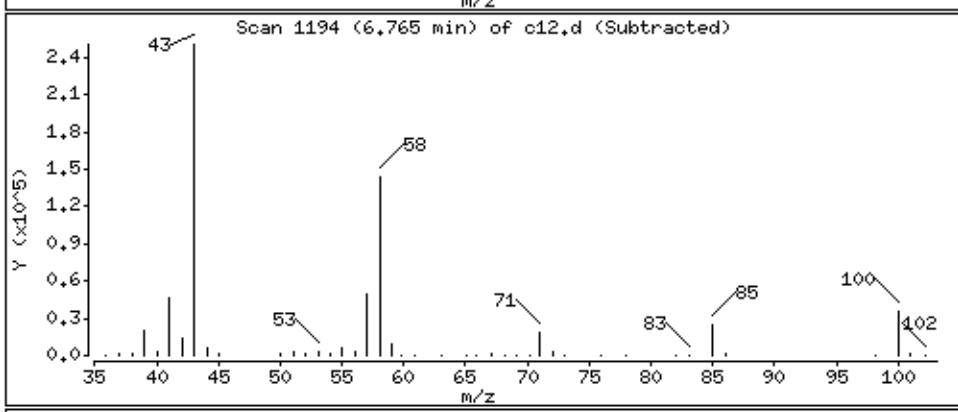
63 2-Hexanone

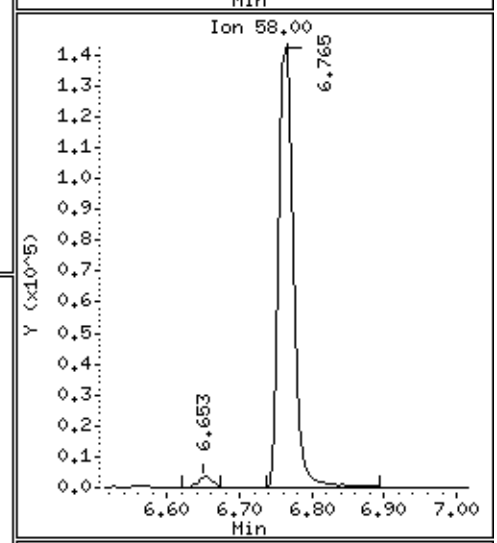
Concentration: 244 ppb

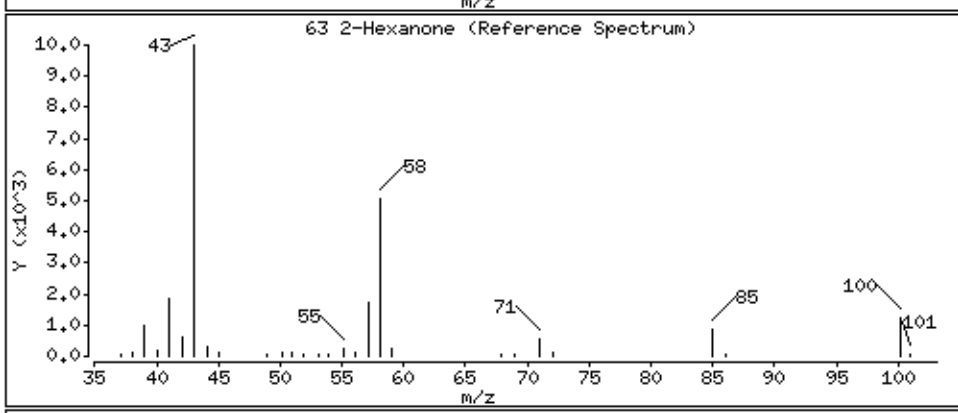
Review Code:

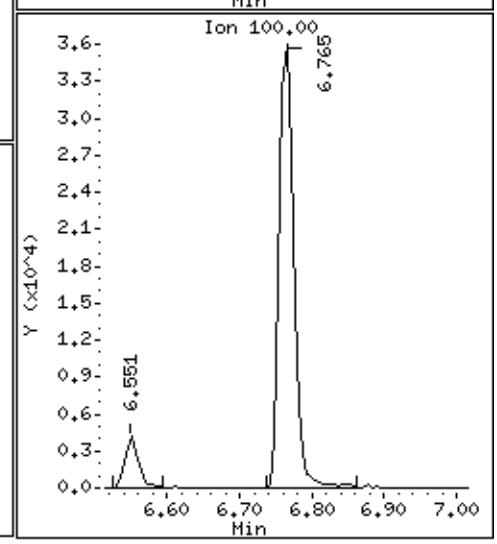


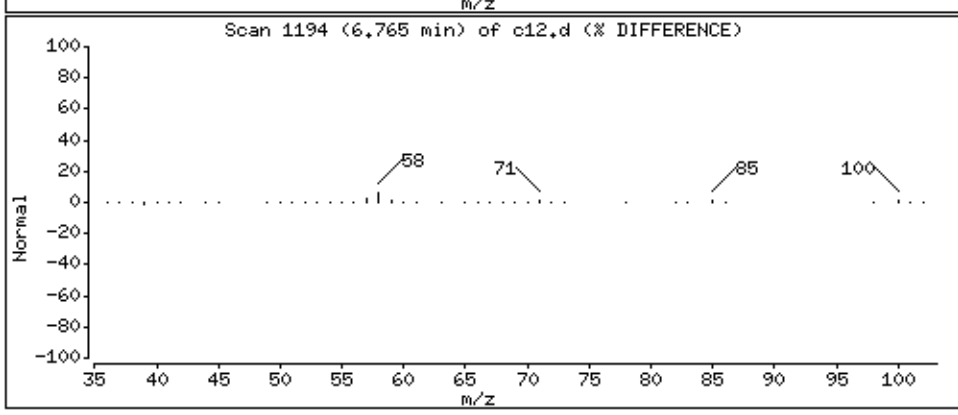












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

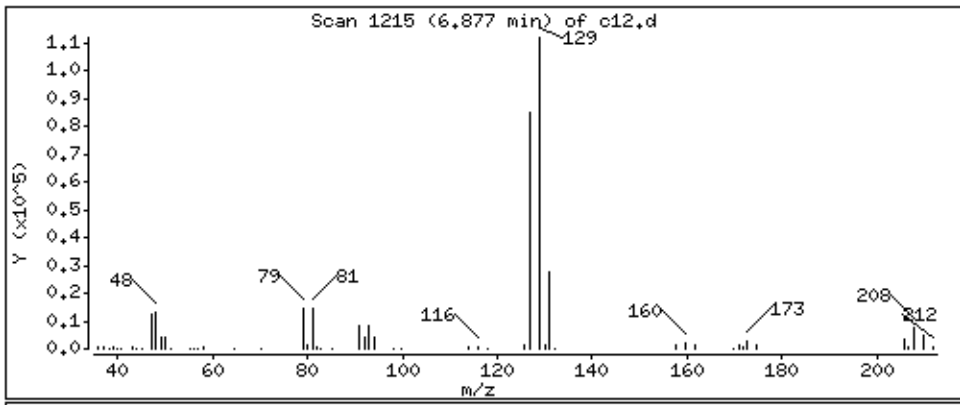
Column phase: DB-624

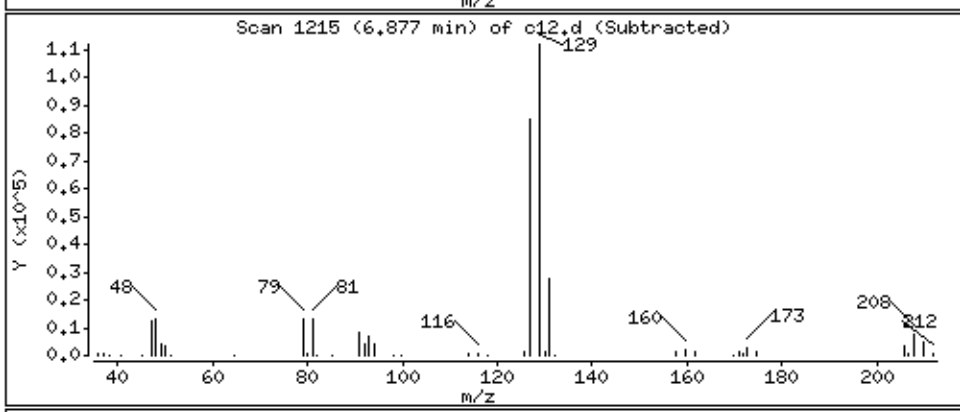
Column diameter: 0.18

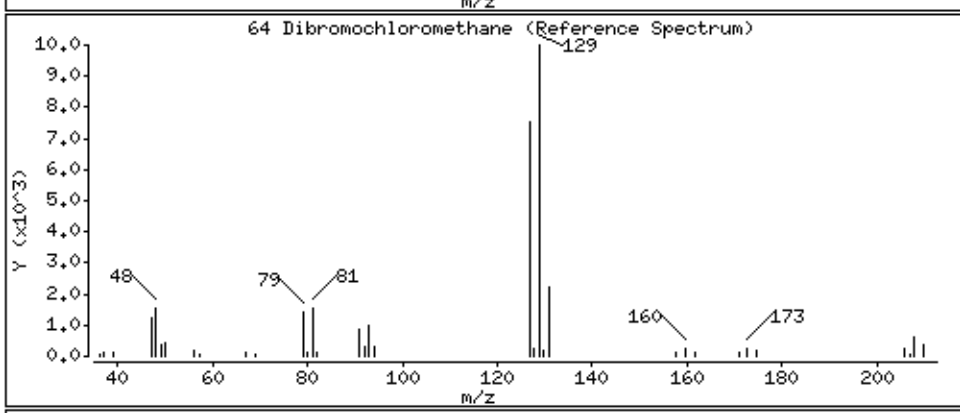
64 Dibromochloromethane

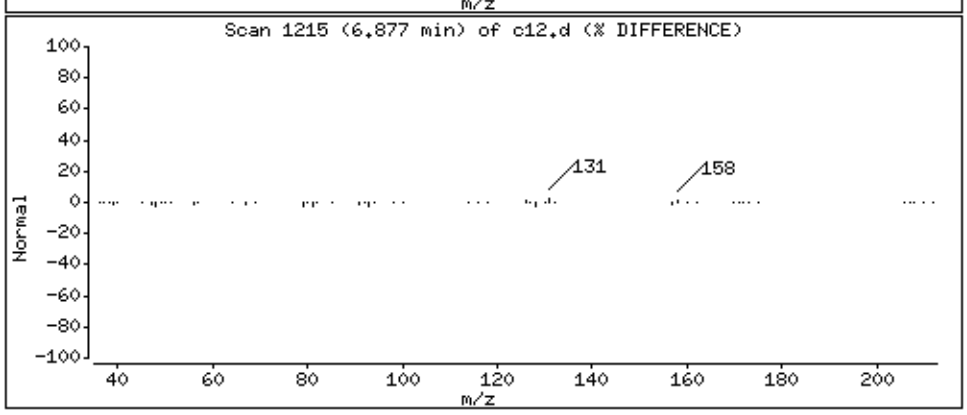
Concentration: 45.0 ppb

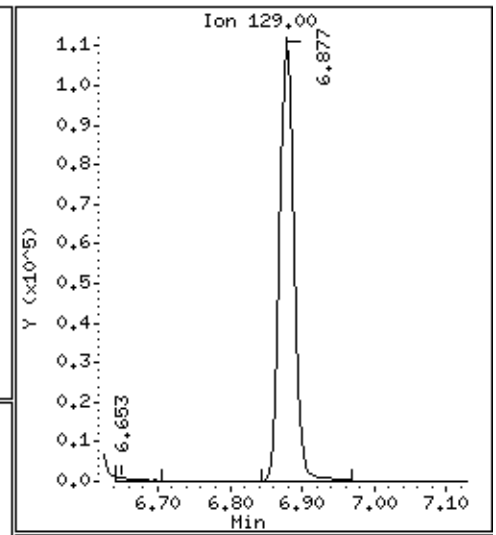
Review Code:

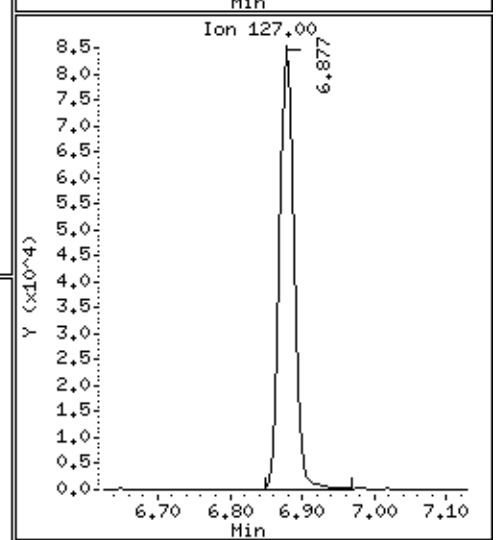












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

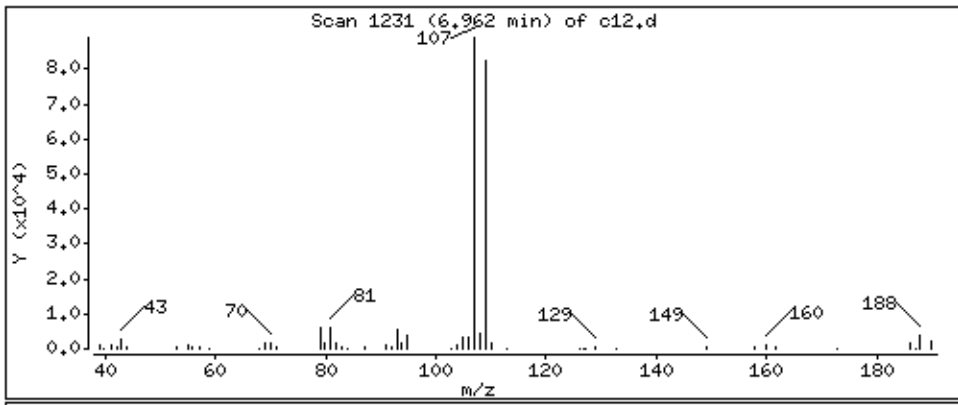
Column phase: DB-624

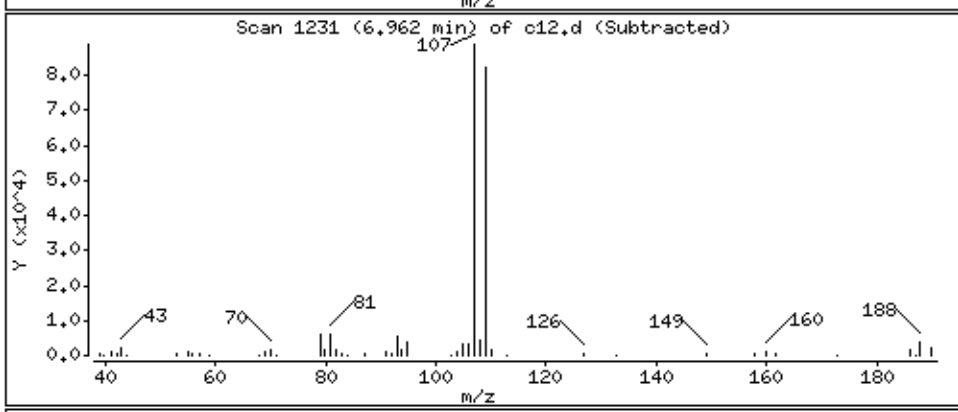
Column diameter: 0.18

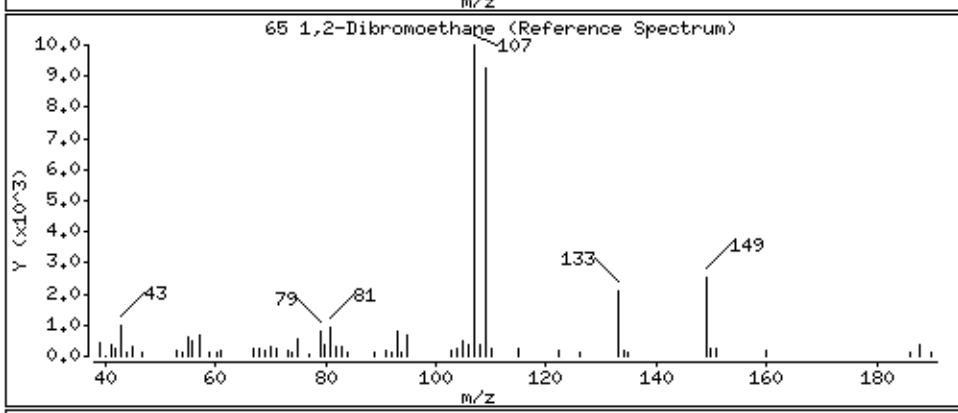
65 1,2-Dibromoethane

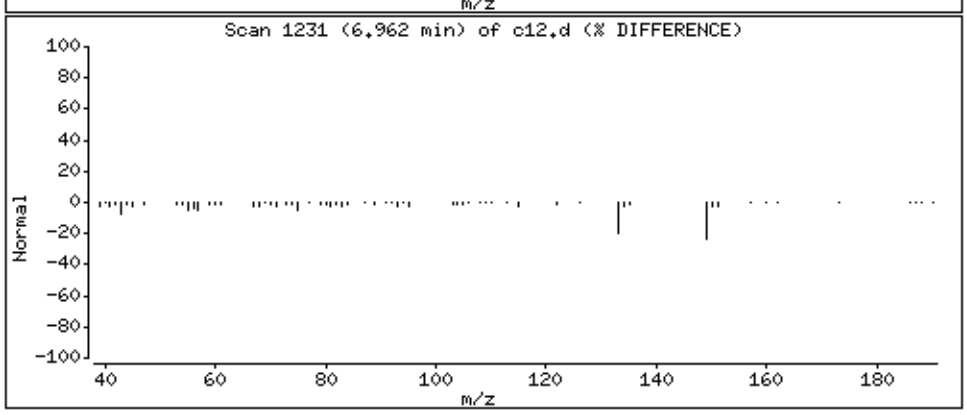
Concentration: 46.6 ppb

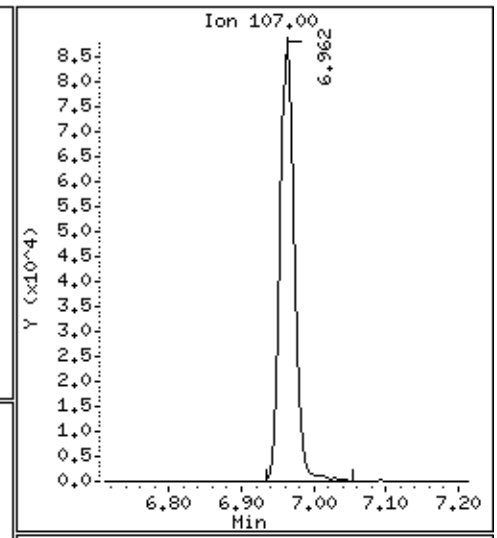
Review Code:

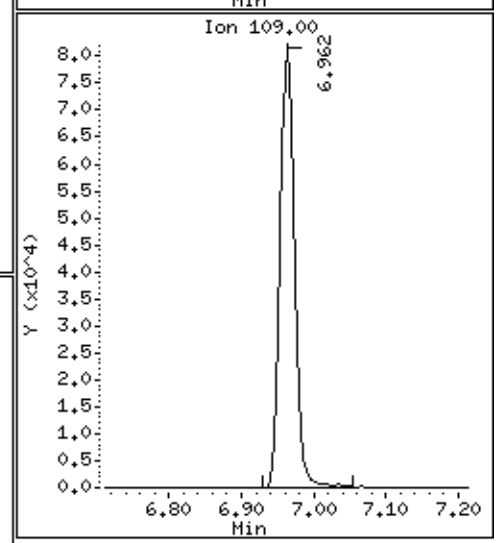












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

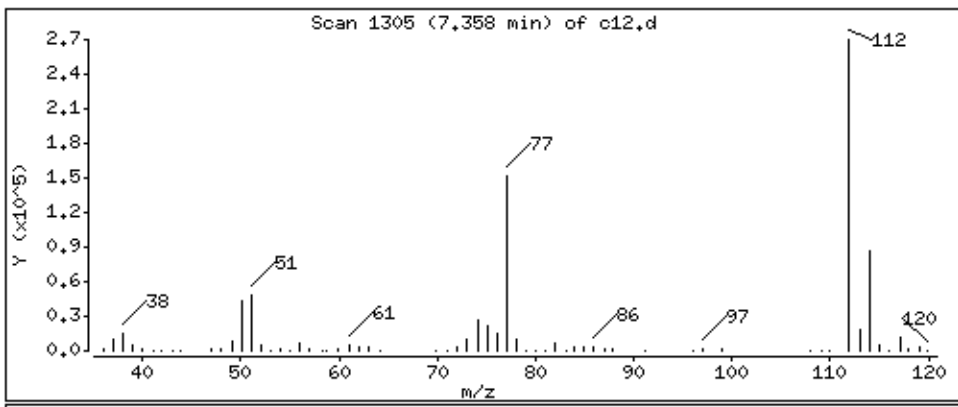
Column phase: DB-624

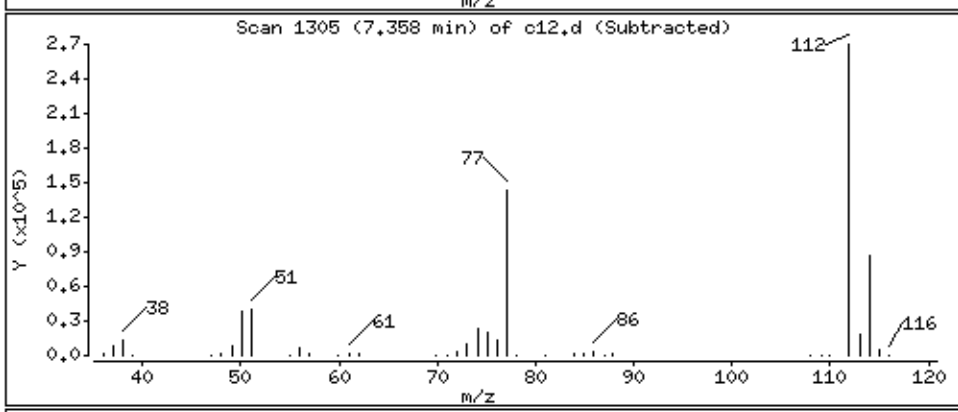
Column diameter: 0.18

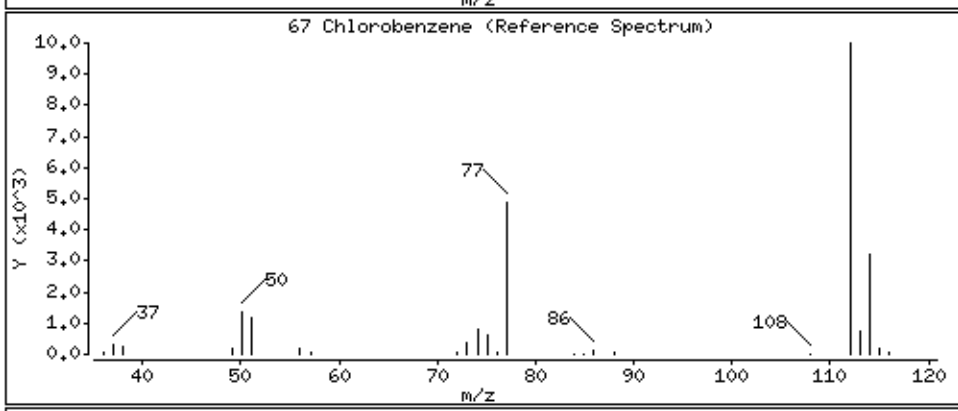
67 Chlorobenzene

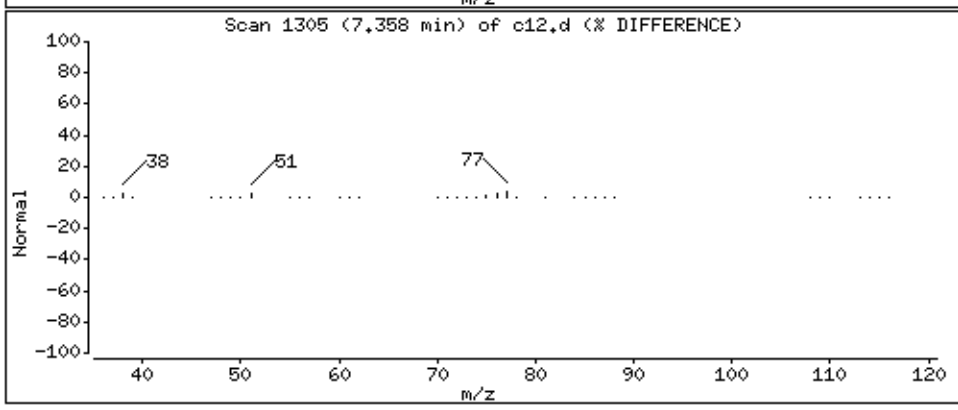
Concentration: 33.1 ppb

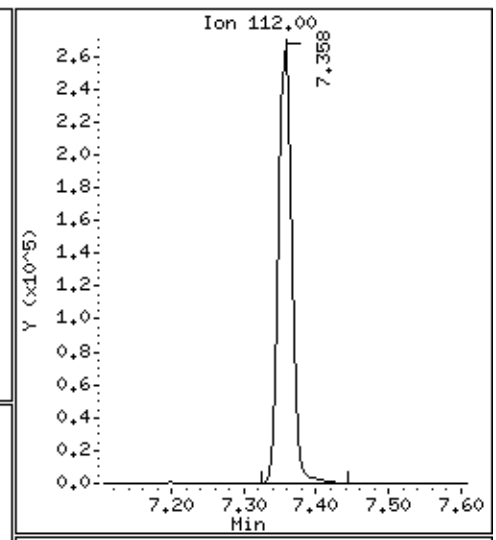
Review Code:

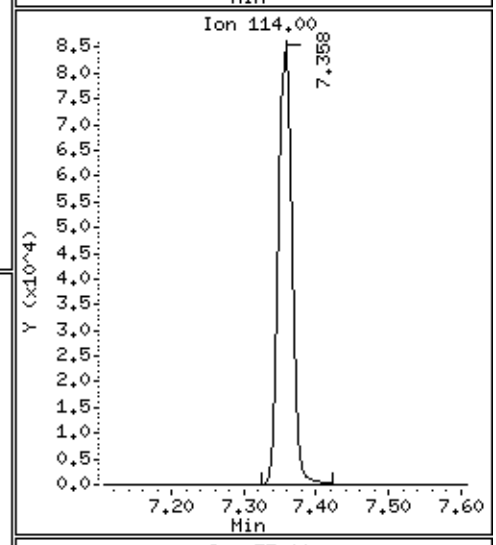


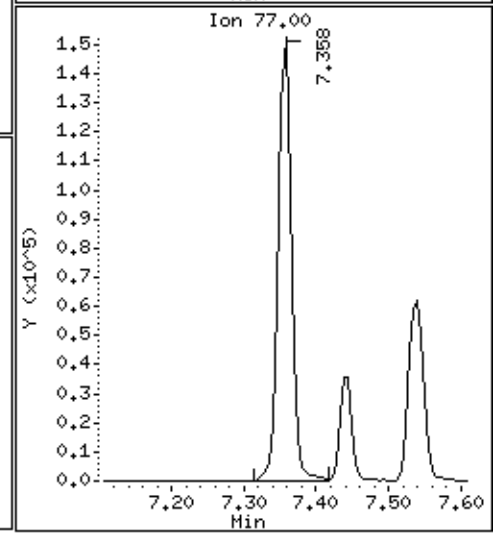












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

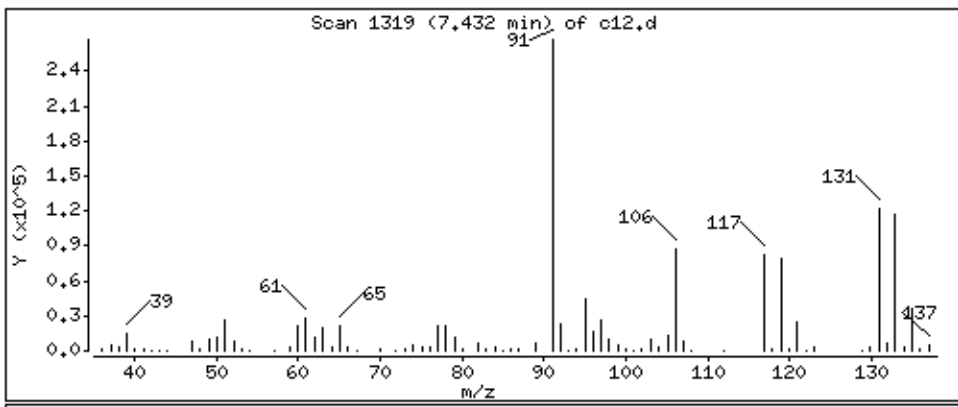
Column phase: DB-624

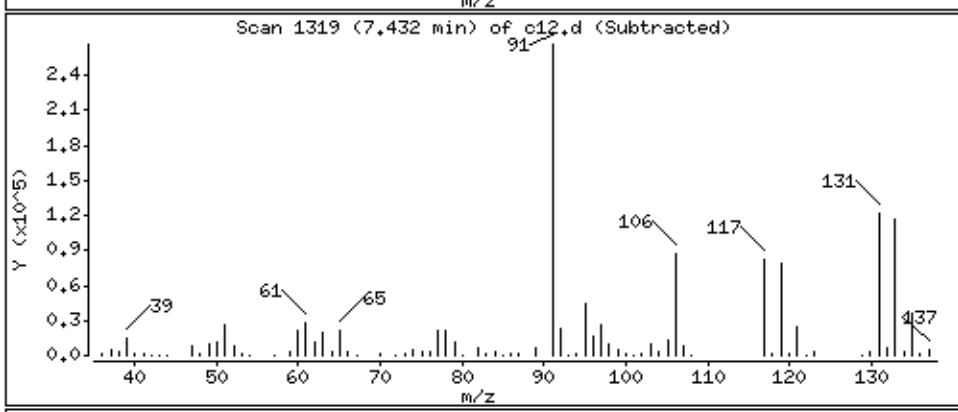
Column diameter: 0.18

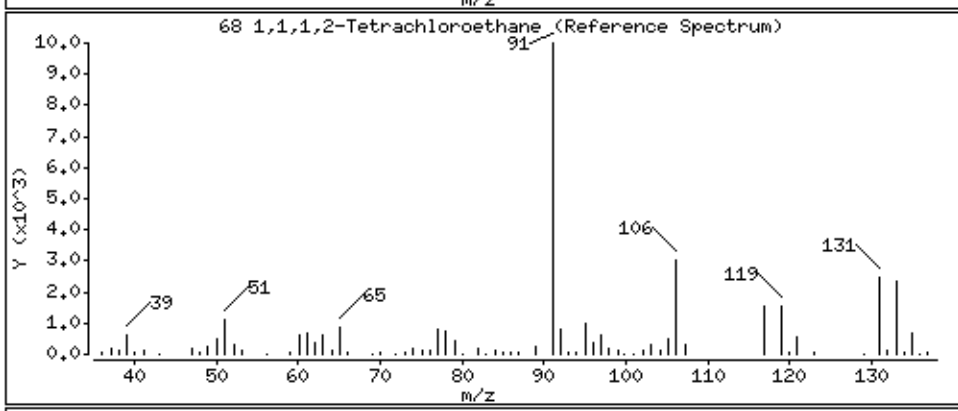
68 1,1,1,2-Tetrachloroethane

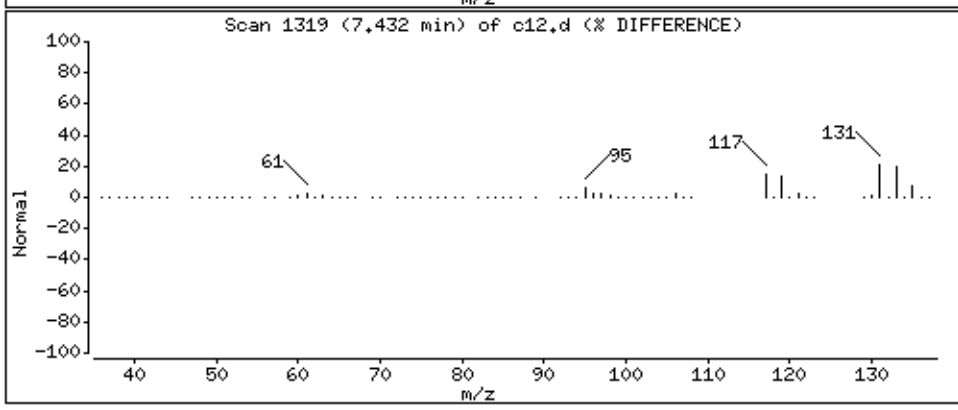
Concentration: 39.6 ppb

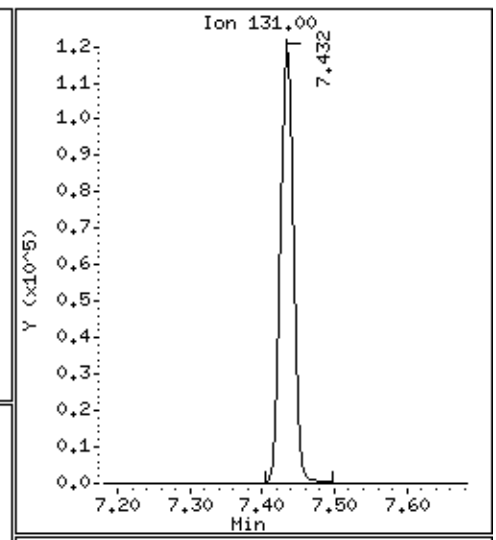
Review Code:

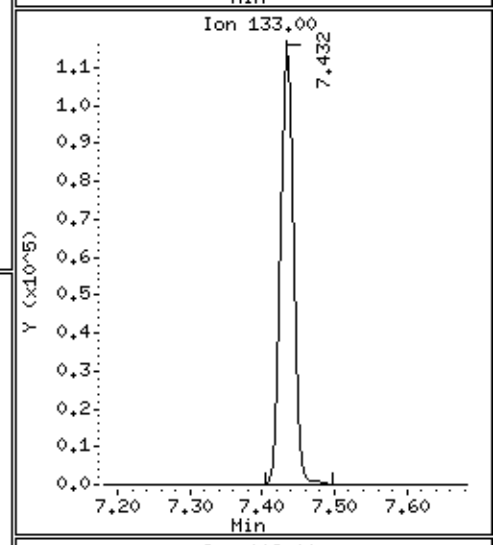


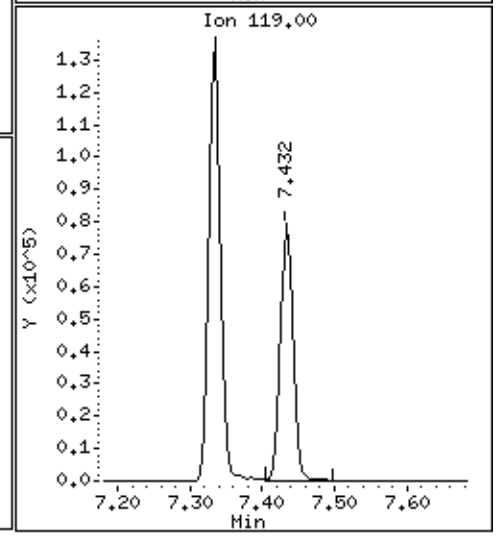












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

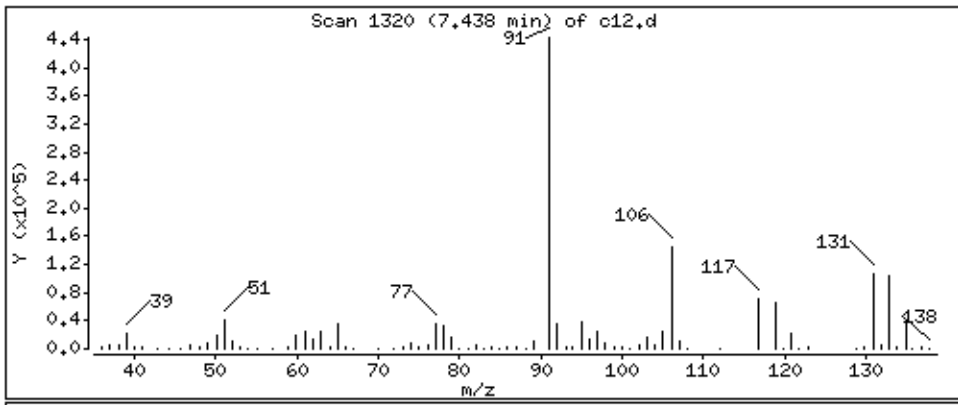
Column phase: DB-624

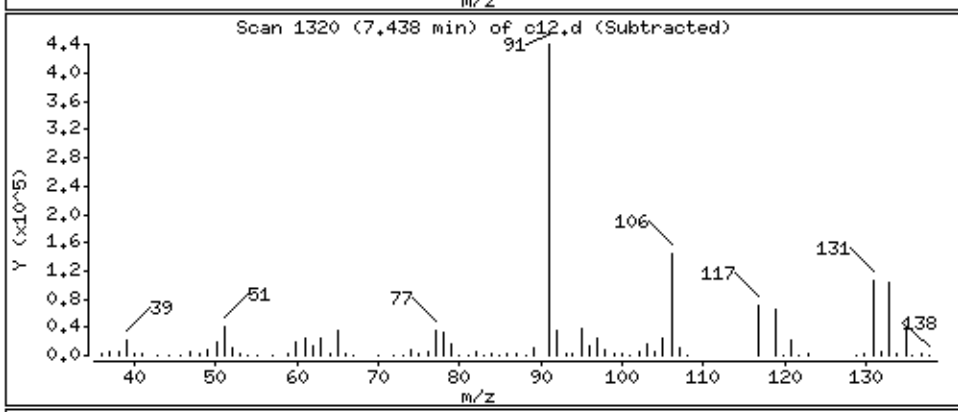
Column diameter: 0.18

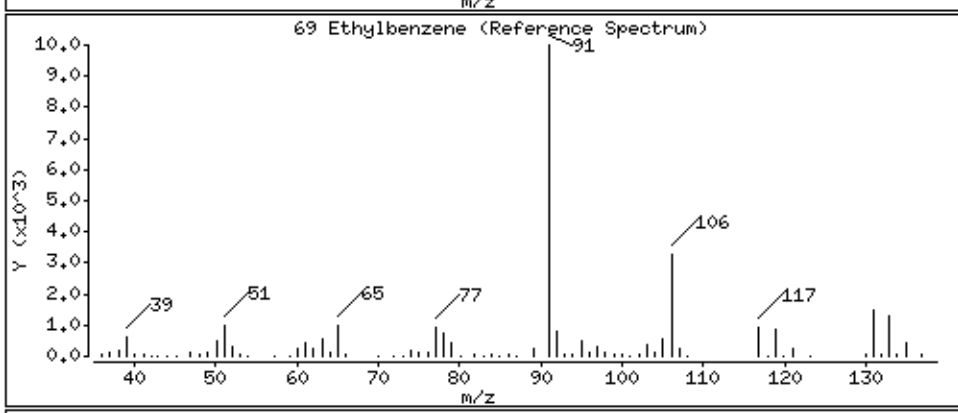
69 Ethylbenzene

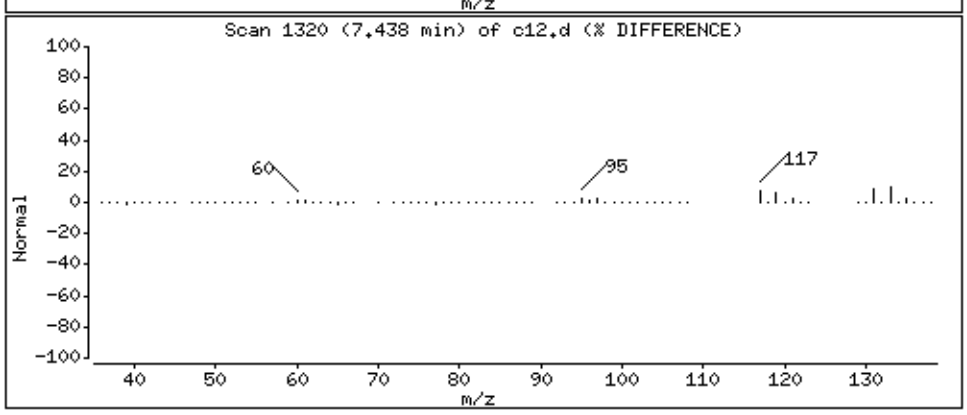
Concentration: 27.4 ppb

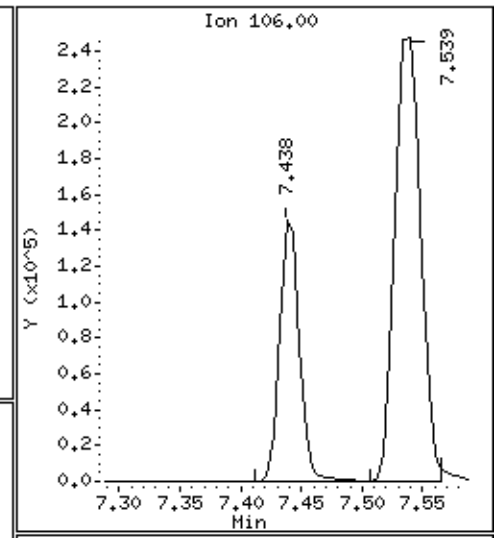
Review Code:

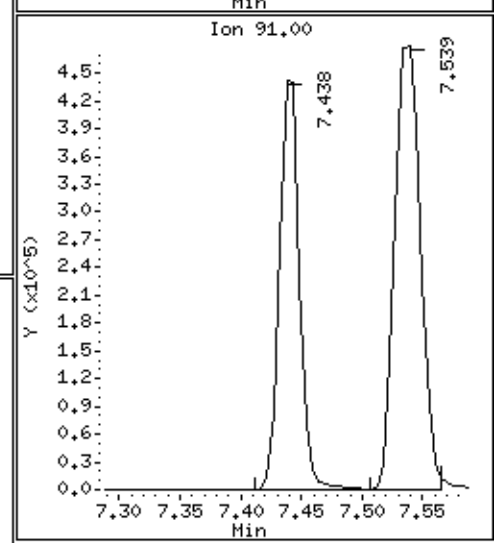












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

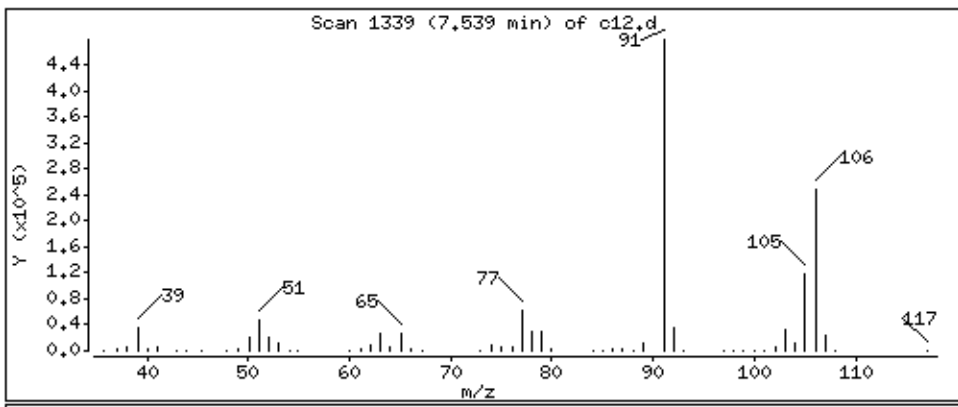
Column phase: DB-624

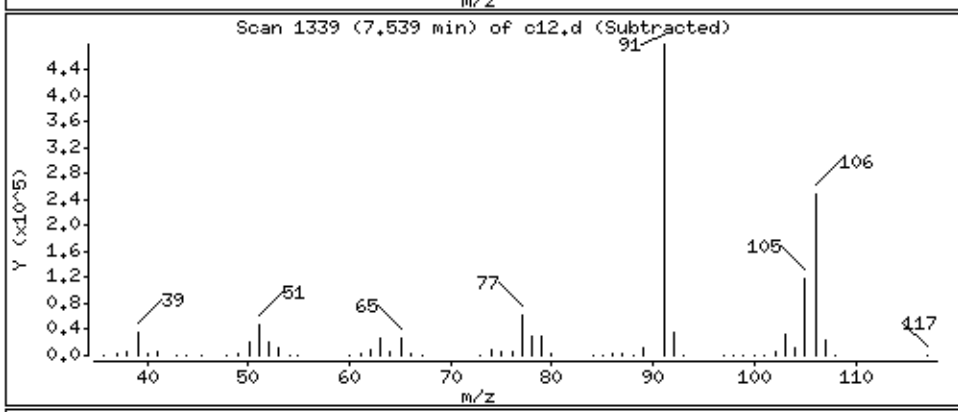
Column diameter: 0.18

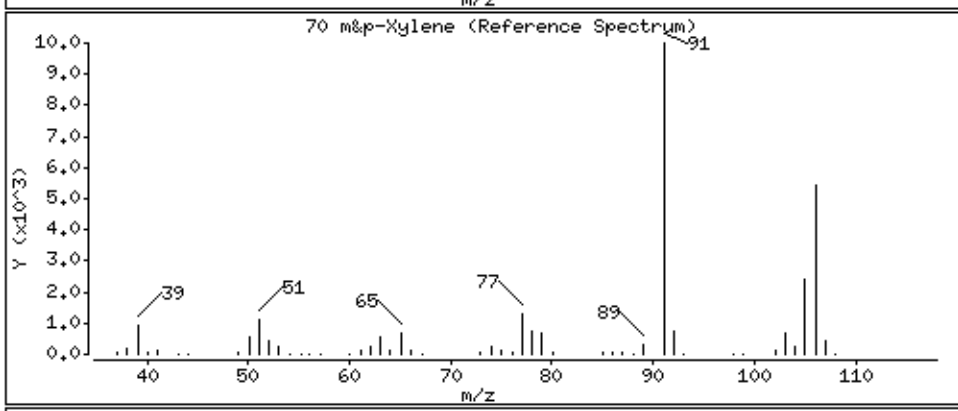
70 m&p-Xylene

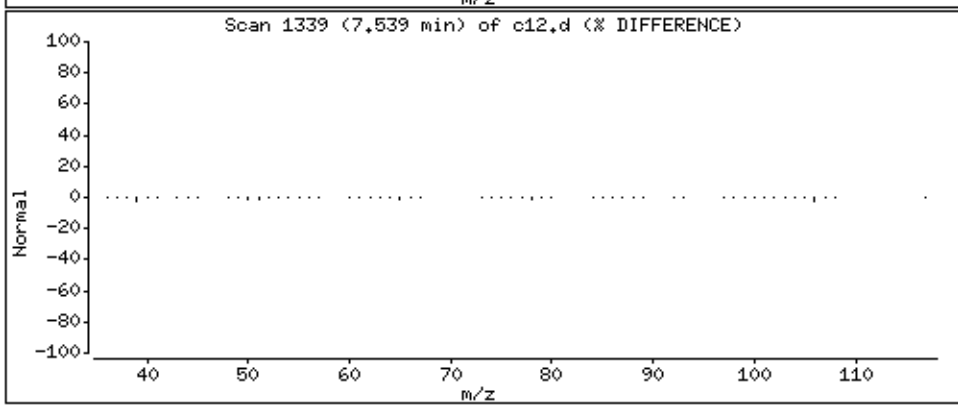
Concentration: 53.4 ppb

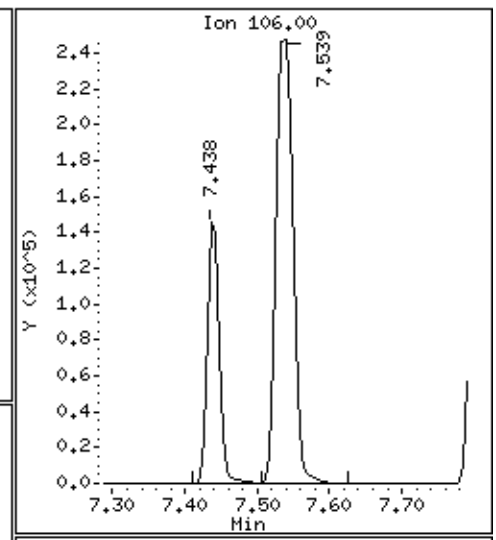
Review Code:

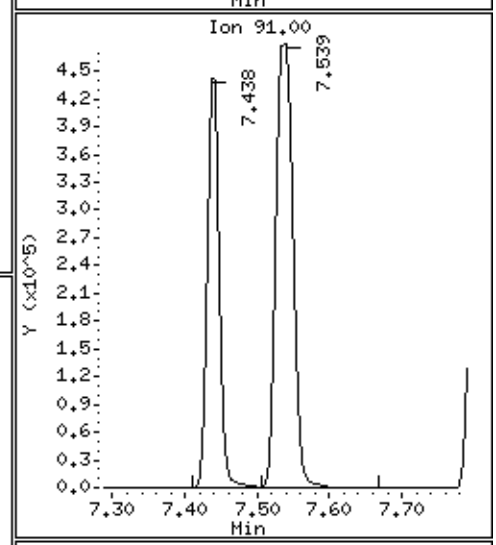


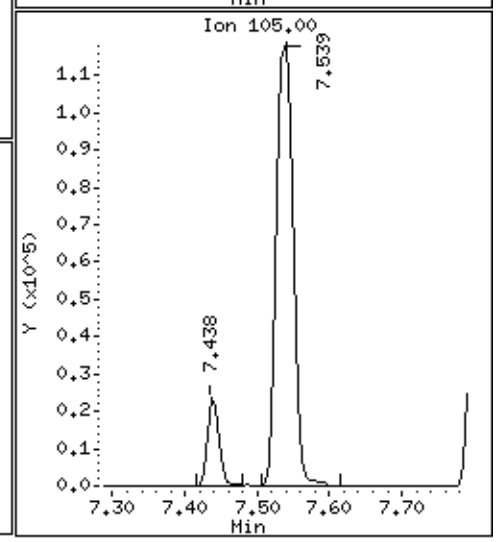












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

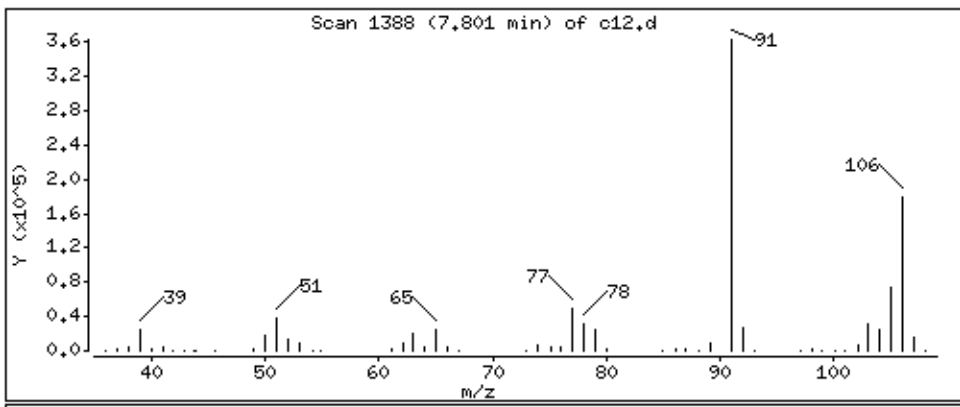
Column phase: DB-624

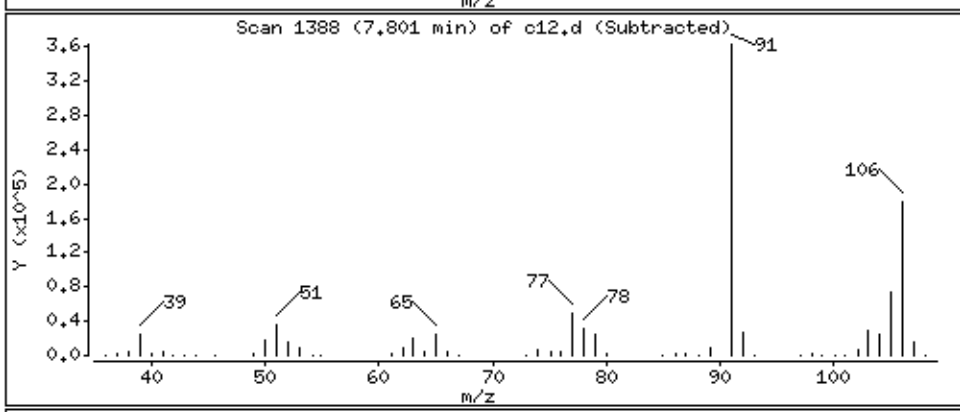
Column diameter: 0.18

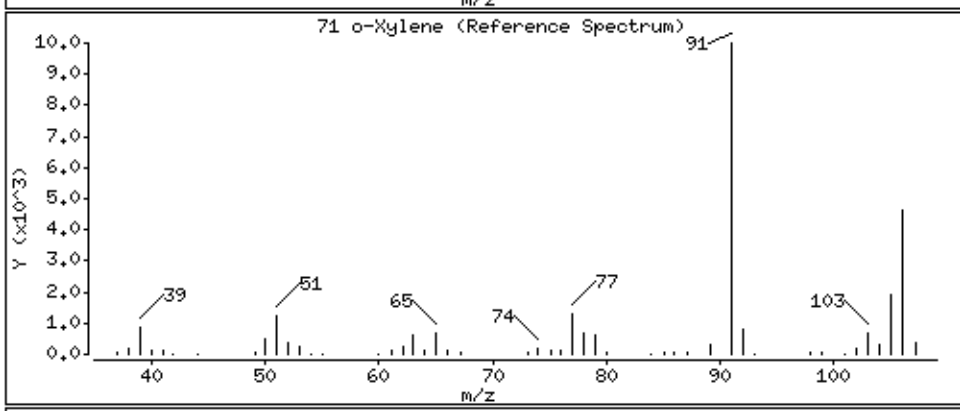
71 o-Xylene

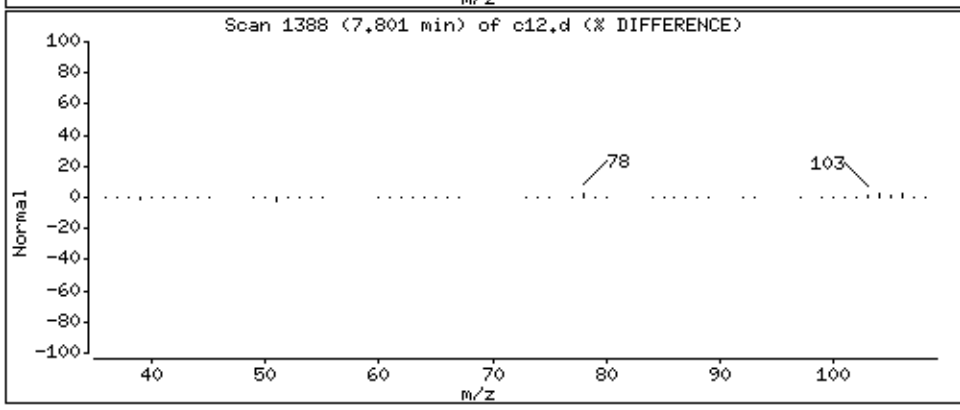
Concentration: 28.6 ppb

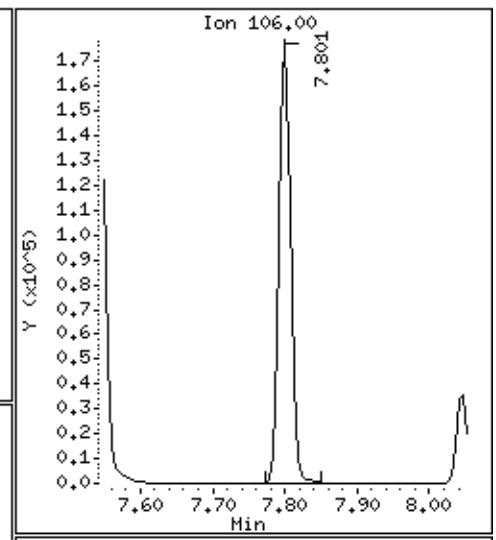
Review Code:

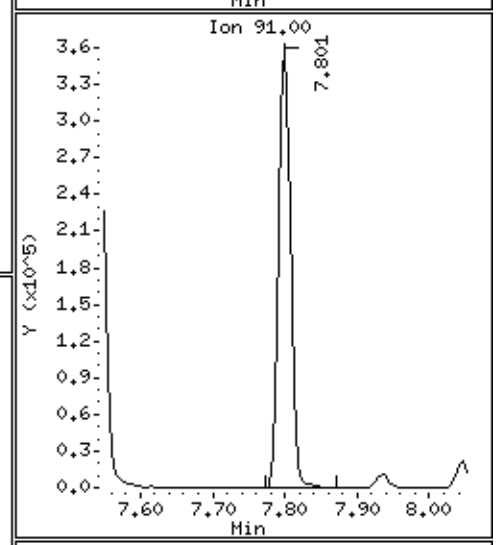


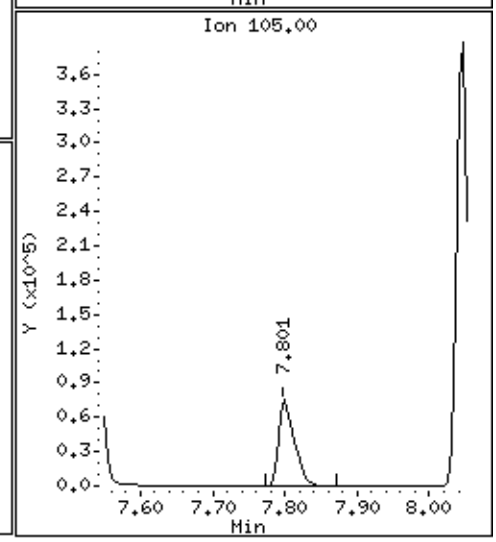












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

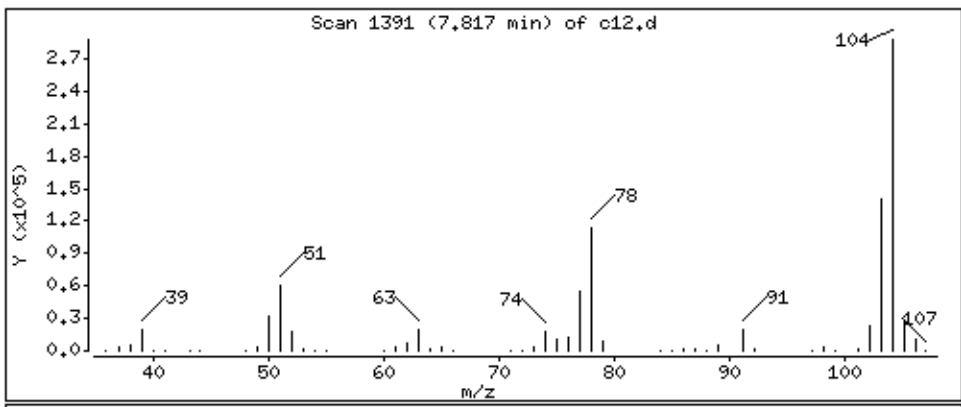
Column phase: DB-624

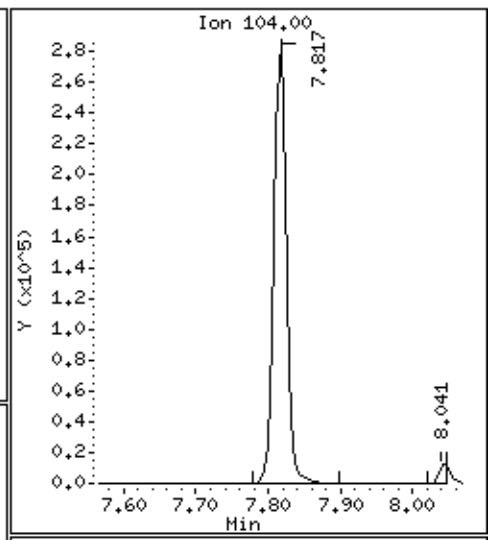
Column diameter: 0.18

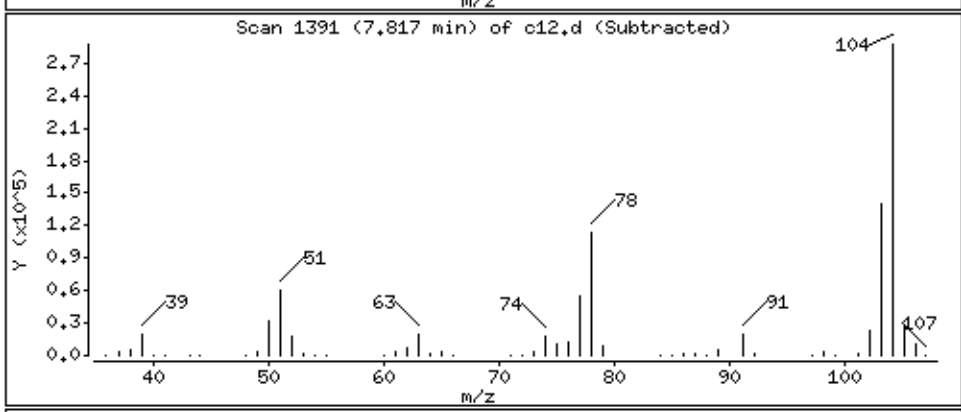
72 Styrene

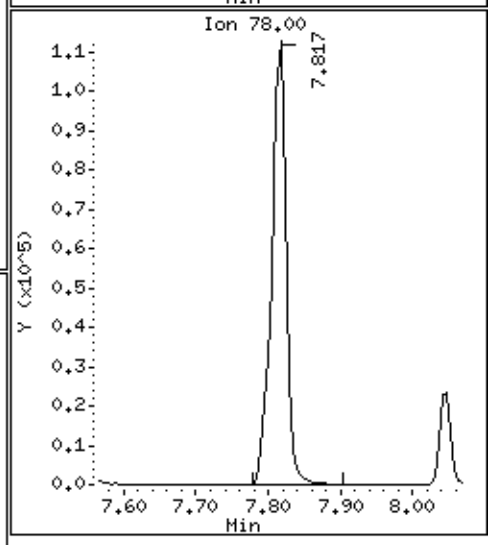
Concentration: 27.7 ppb

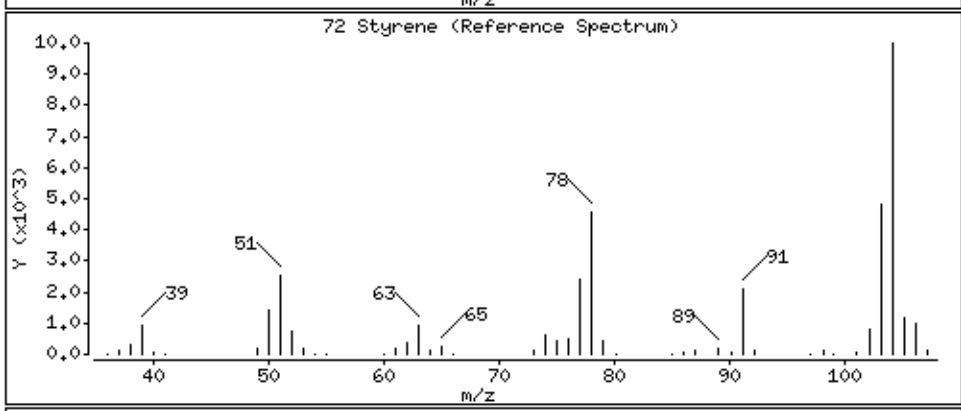
Review Code:

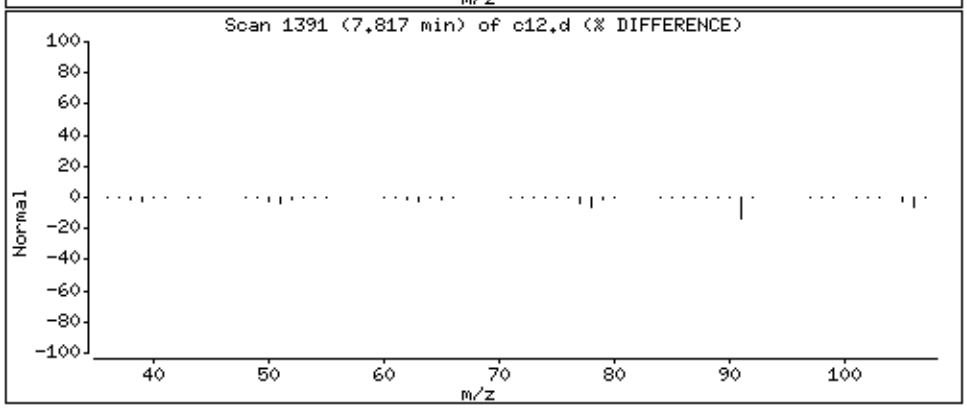












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

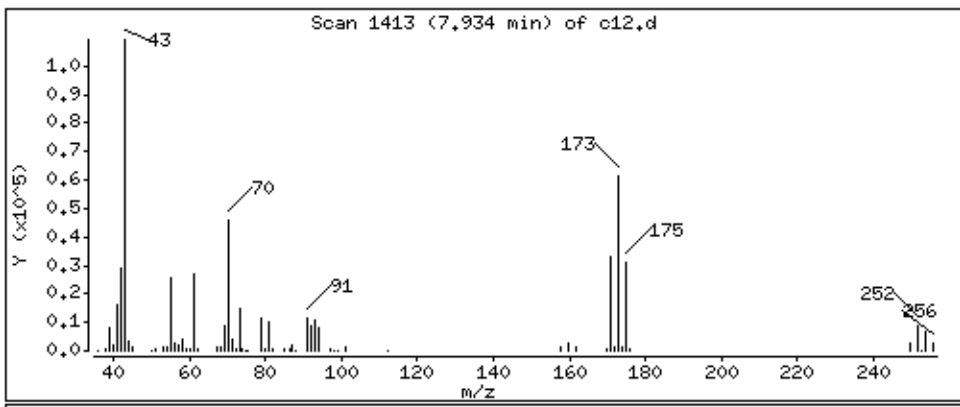
Column phase: DB-624

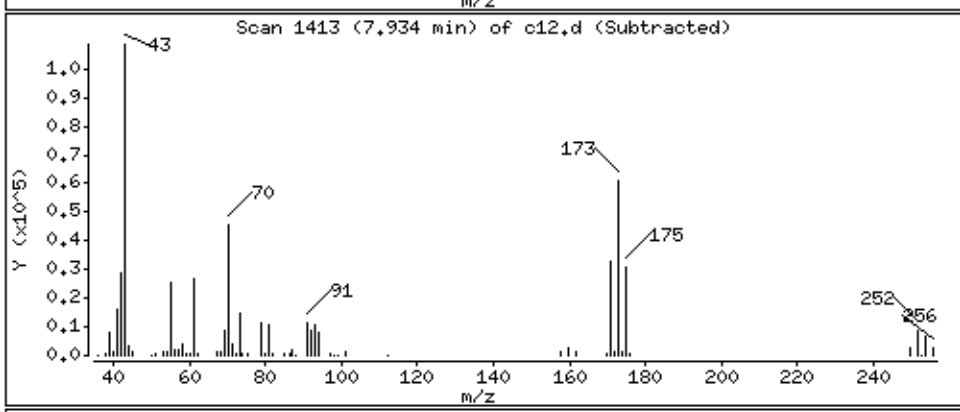
Column diameter: 0.18

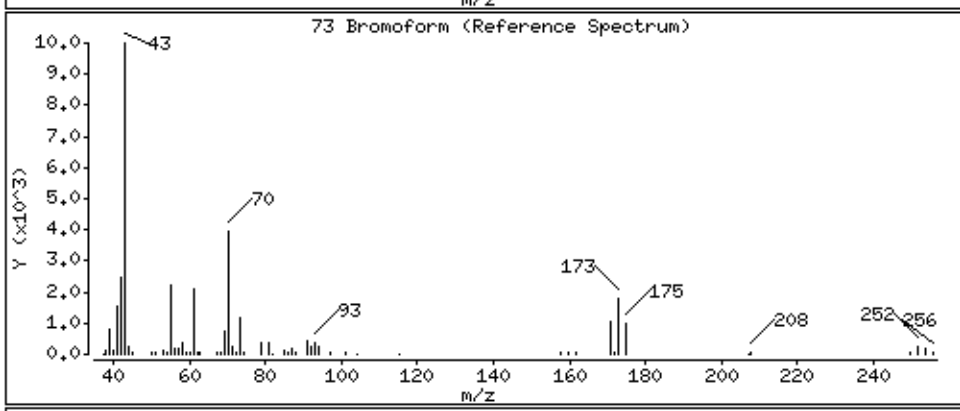
73 Bromoform

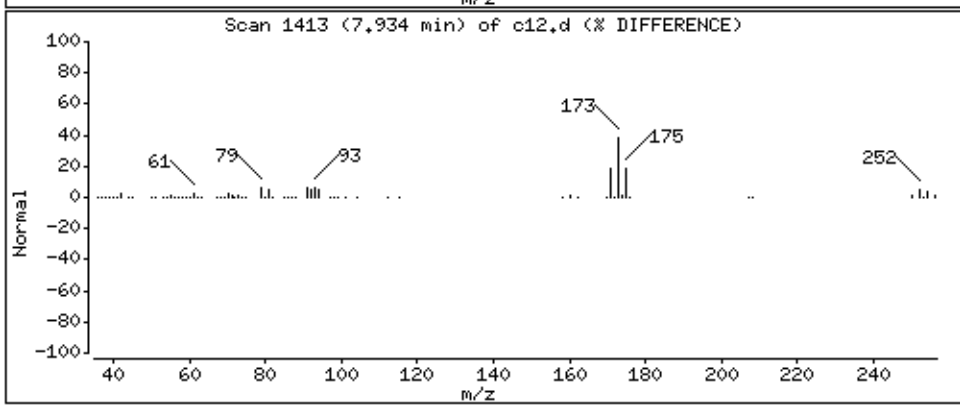
Concentration: 42.1 ppb

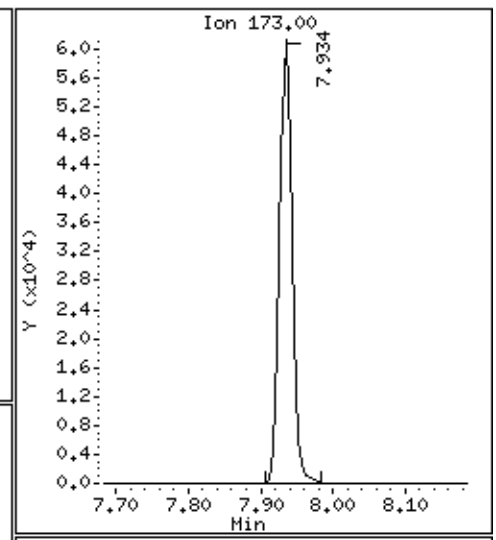
Review Code:

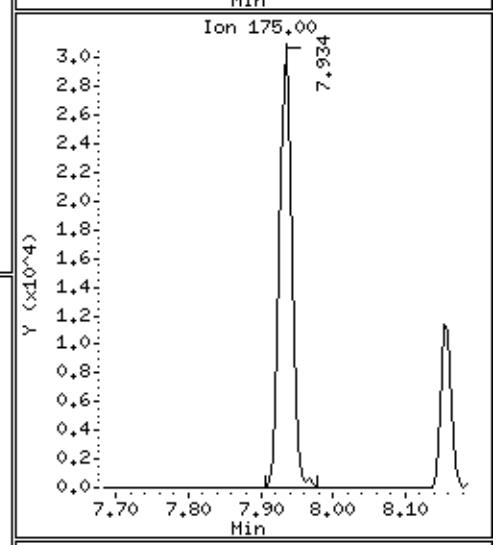


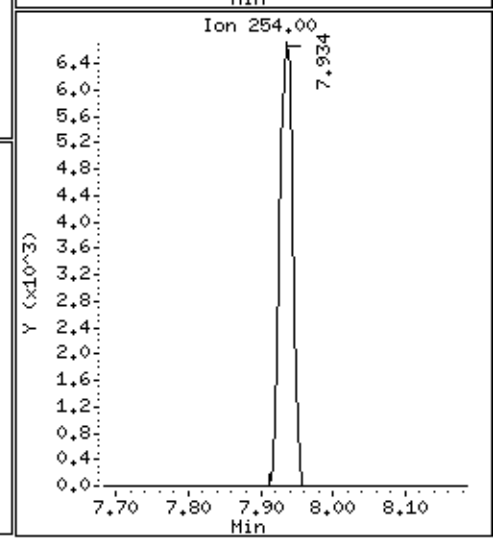












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

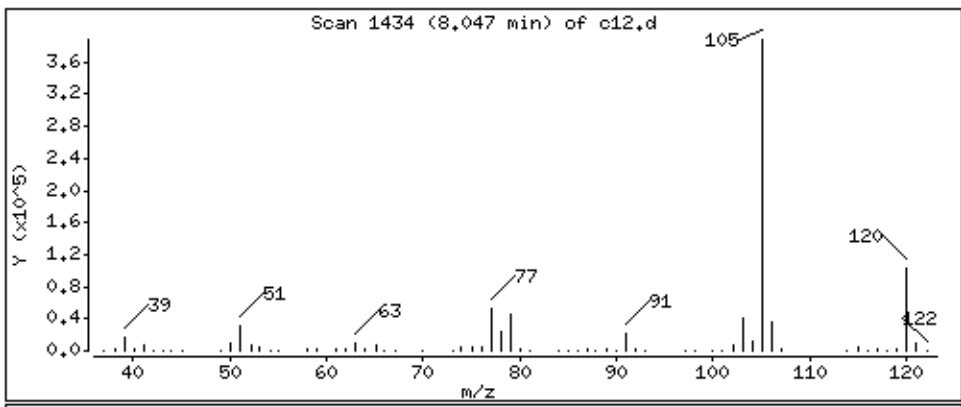
Column phase: DB-624

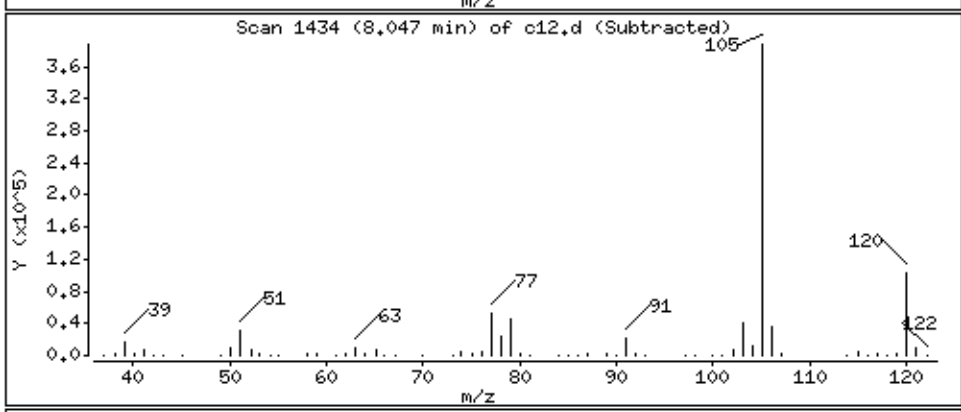
Column diameter: 0.18

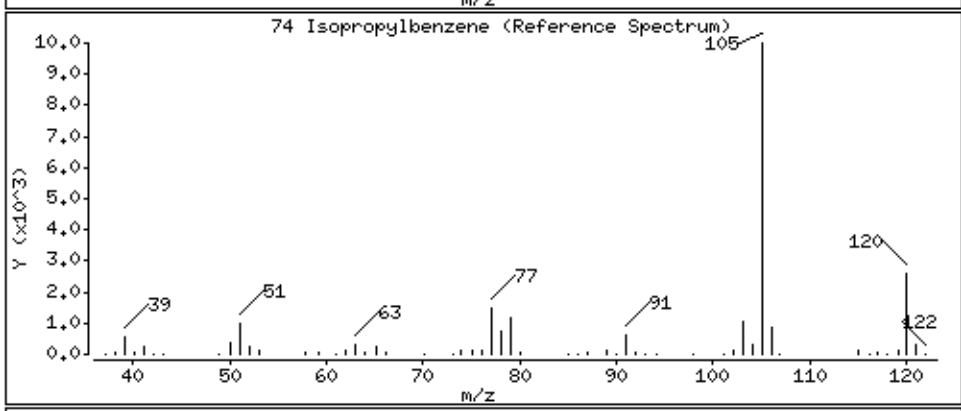
74 Isopropylbenzene

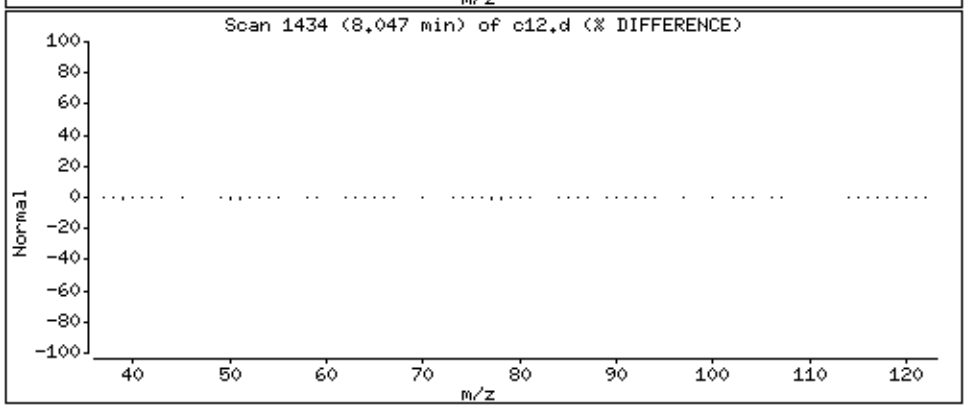
Concentration: 25.0 ppb

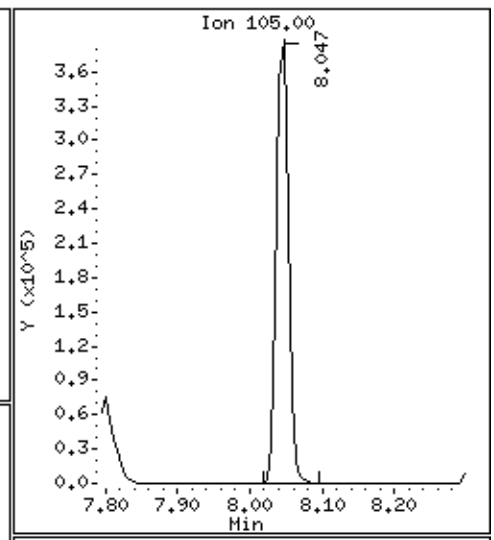
Review Code:

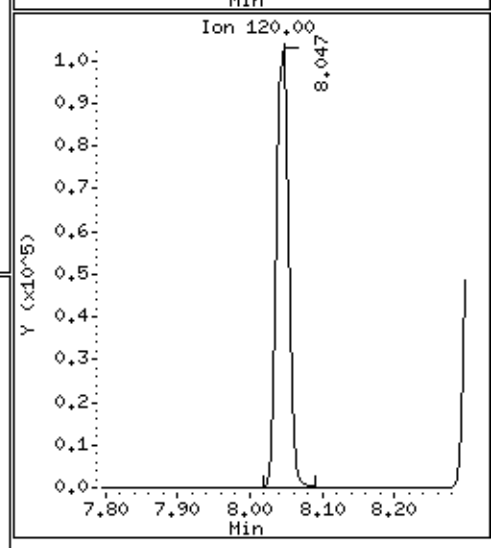












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

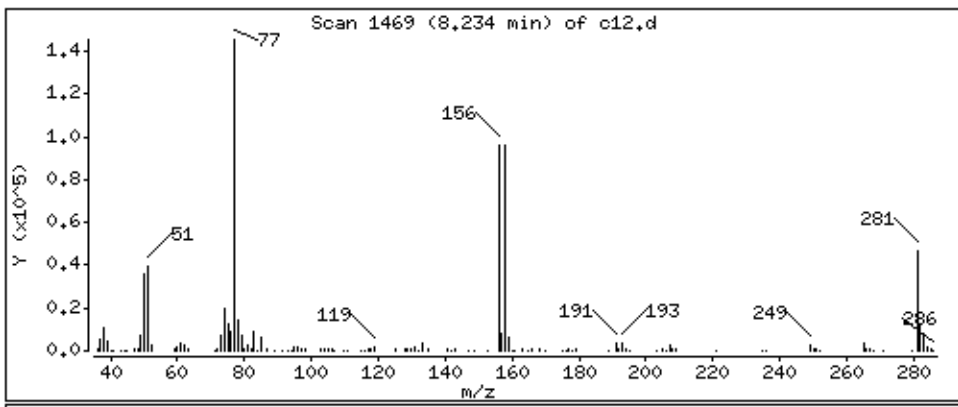
Column phase: DB-624

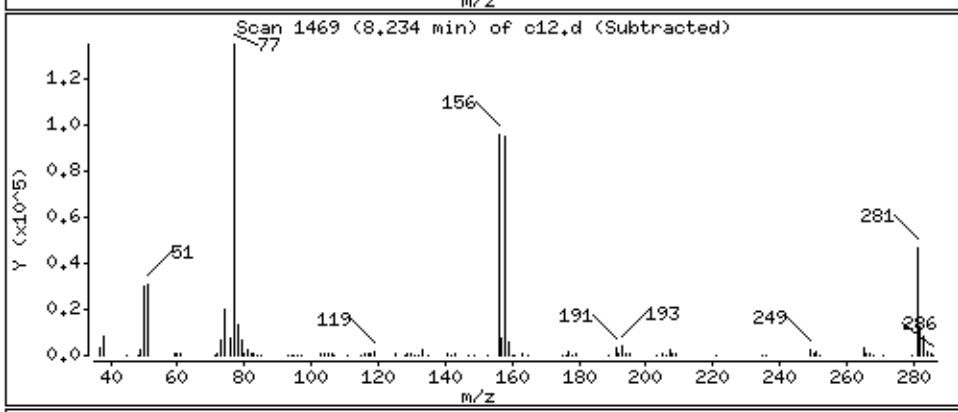
Column diameter: 0.18

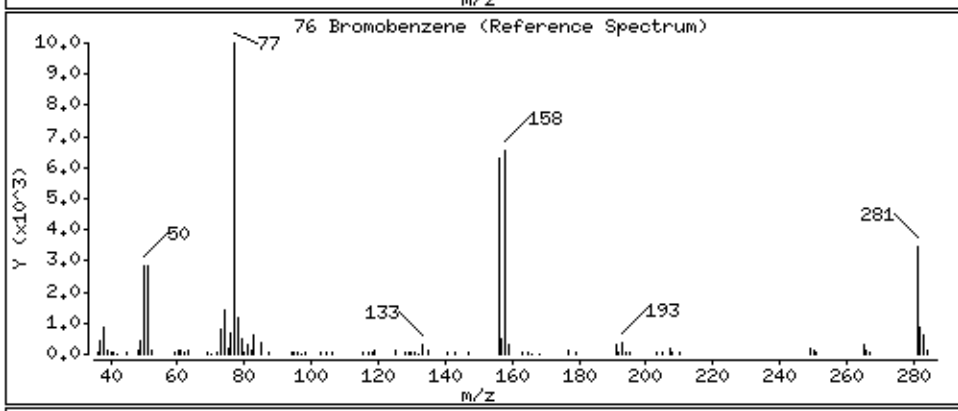
76 Bromobenzene

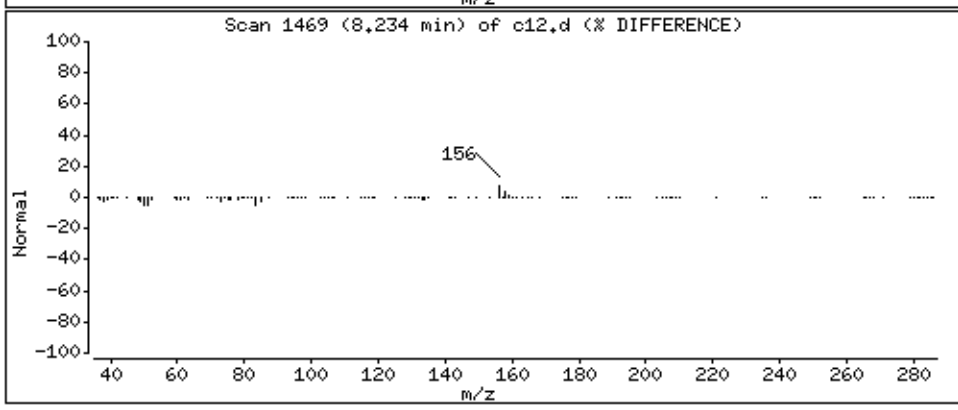
Concentration: 29.6 ppb

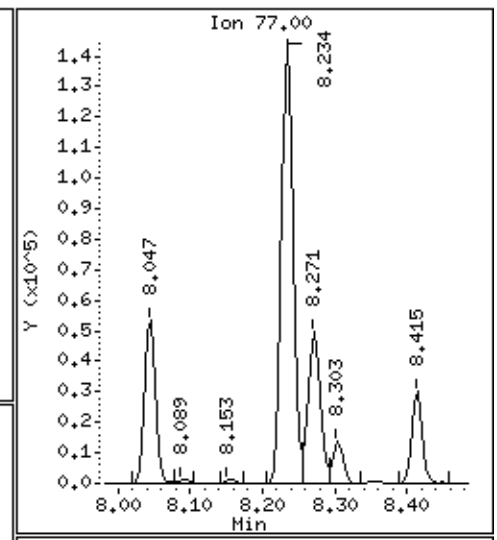
Review Code:

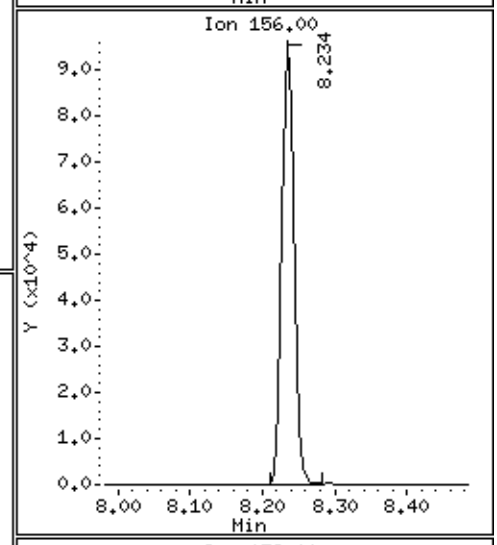


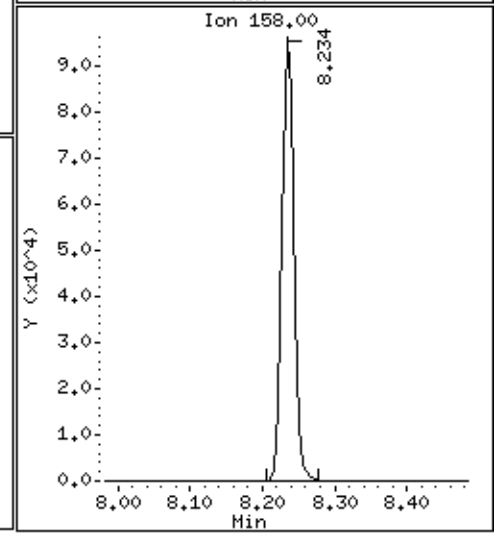












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

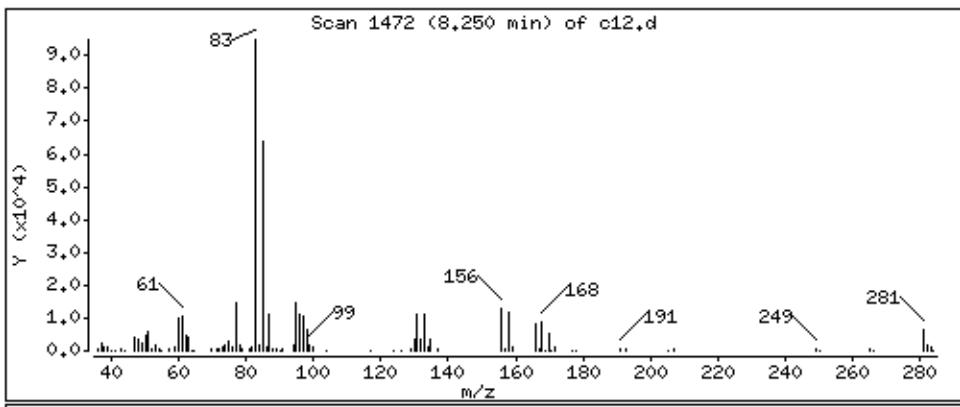
Column phase: DB-624

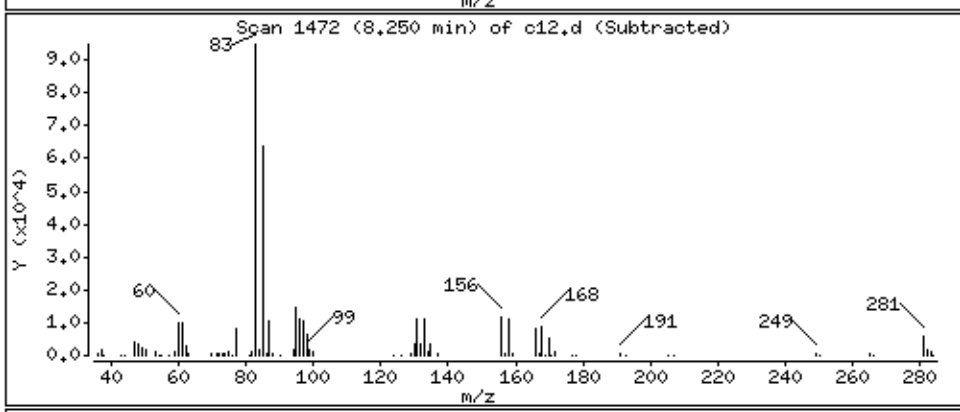
Column diameter: 0.18

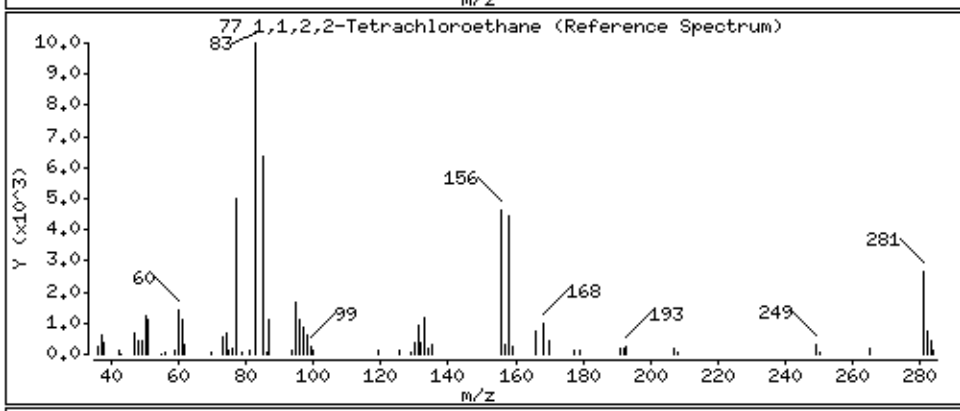
77 1,1,2,2-Tetrachloroethane

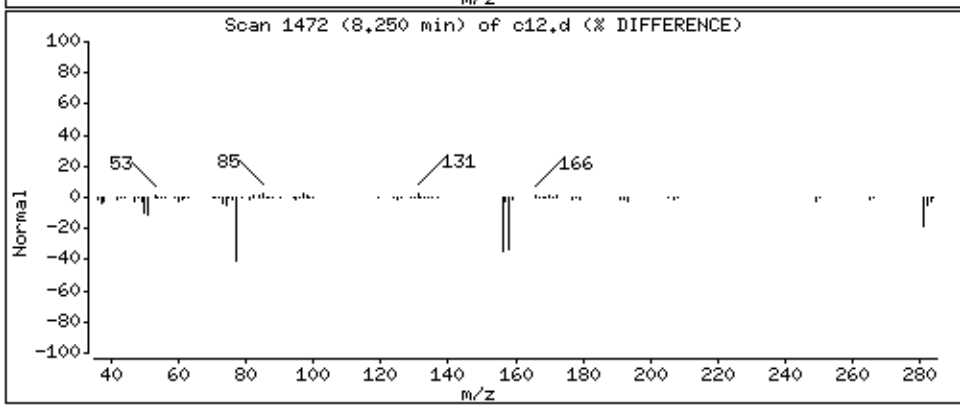
Concentration: 43.1 ppb

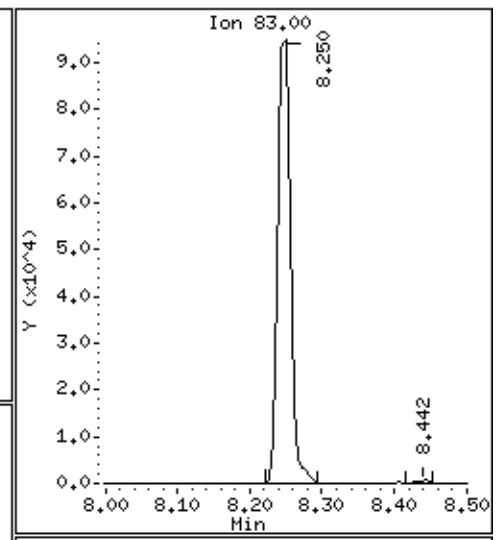
Review Code:

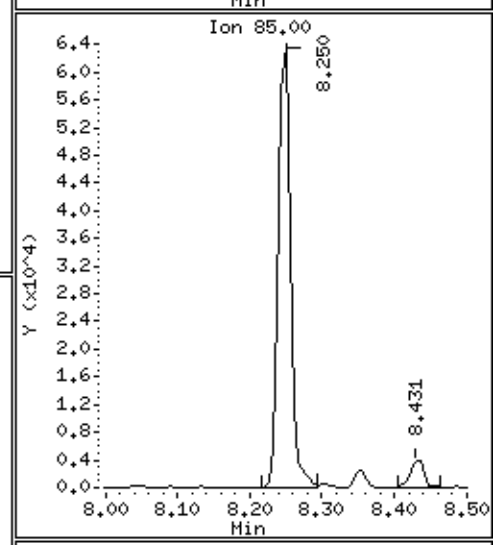


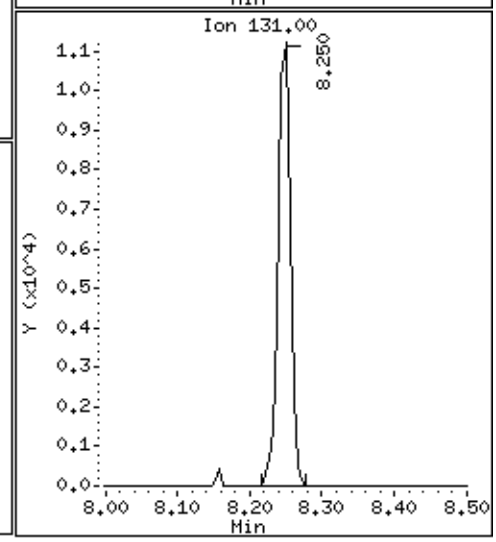












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

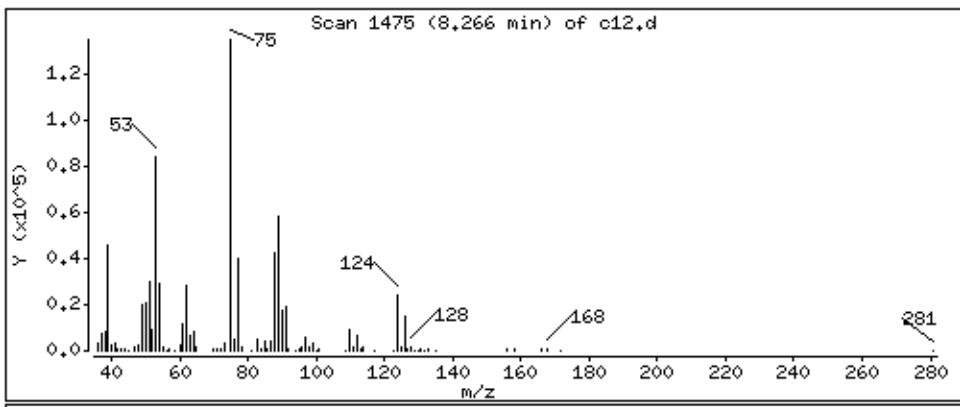
Column phase: DB-624

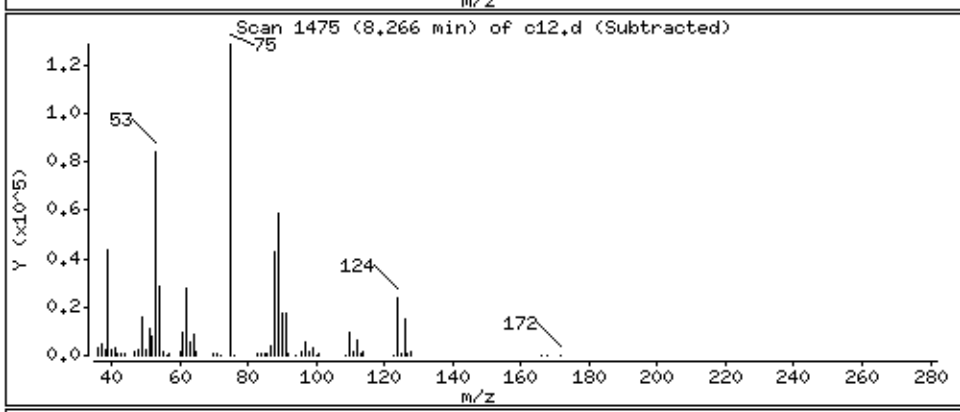
Column diameter: 0.18

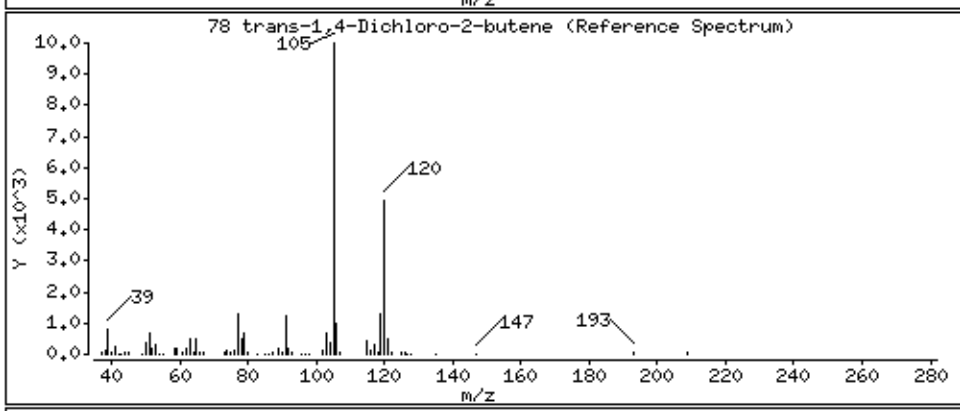
78 trans-1,4-Dichloro-2-butene

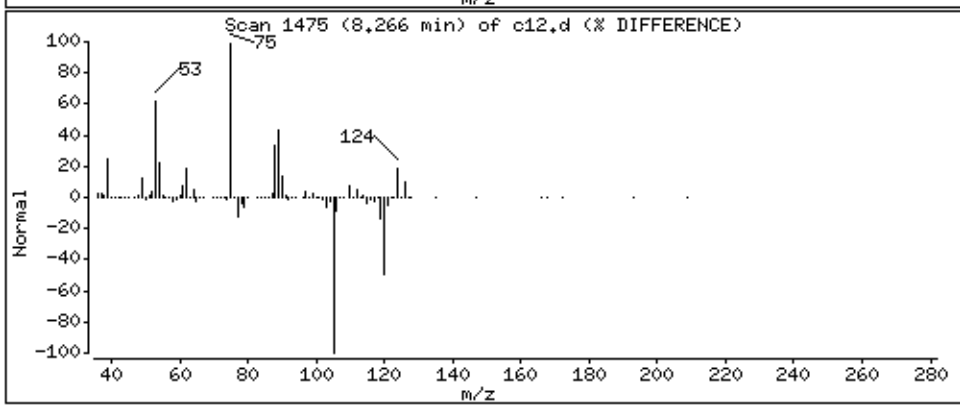
Concentration: 152 ppb

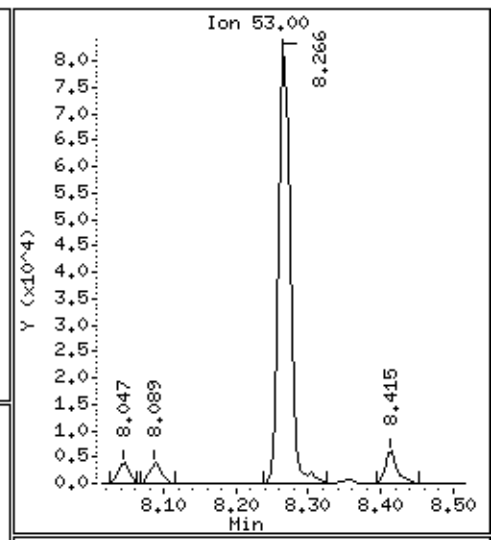
Review Code:

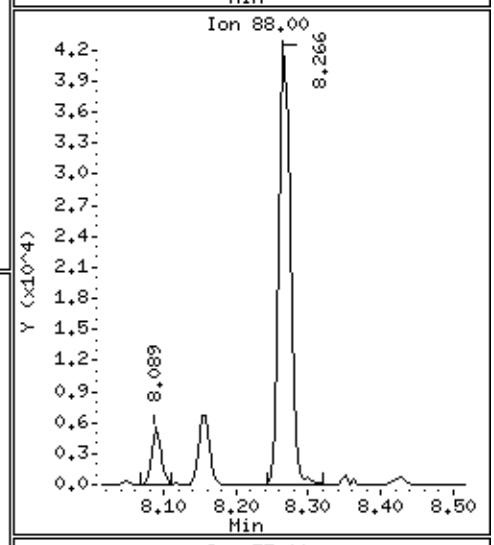


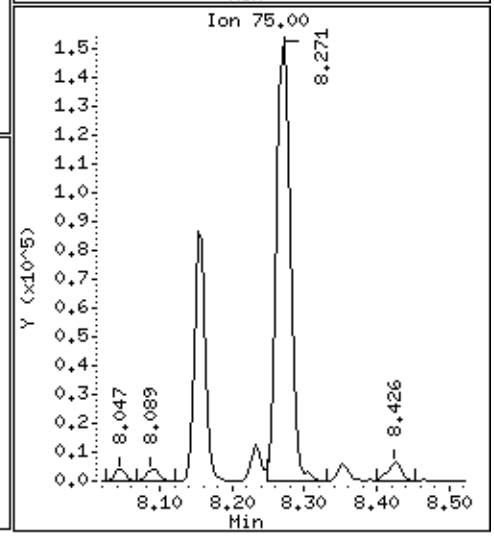












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

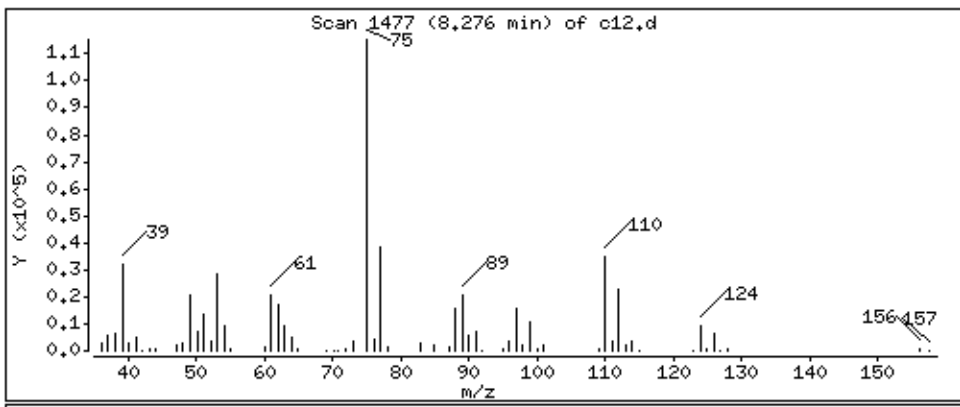
Column phase: DB-624

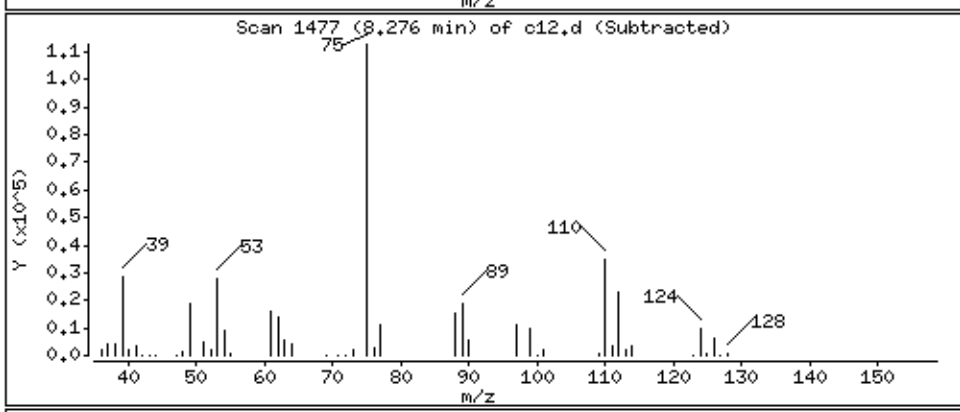
Column diameter: 0.18

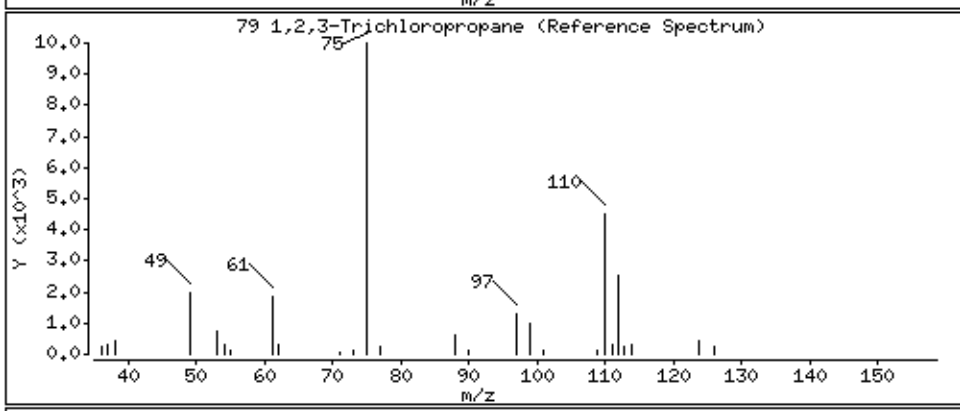
79 1,2,3-Trichloropropane

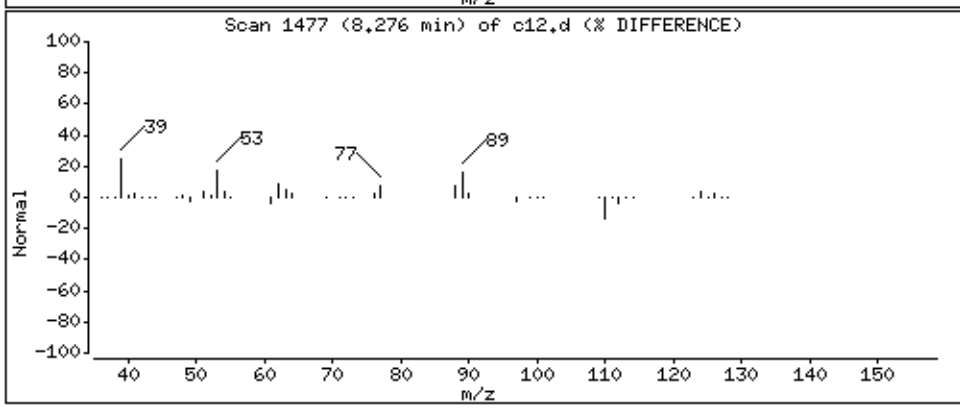
Concentration: 48.0 ppb

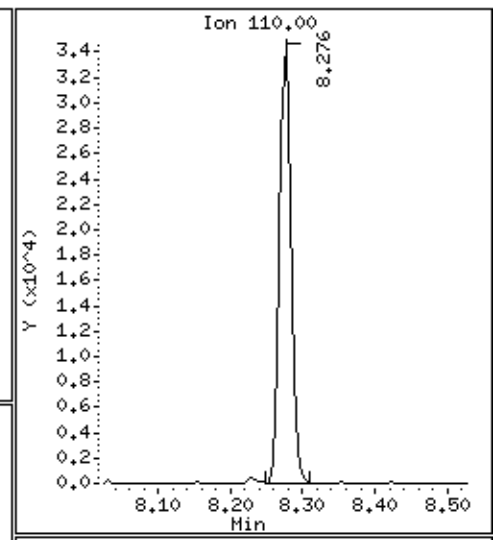
Review Code:

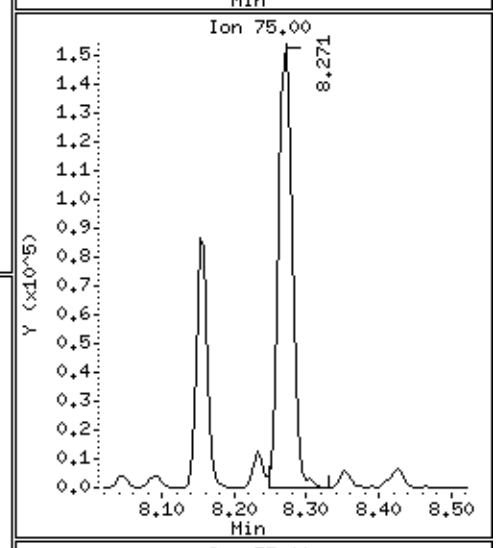


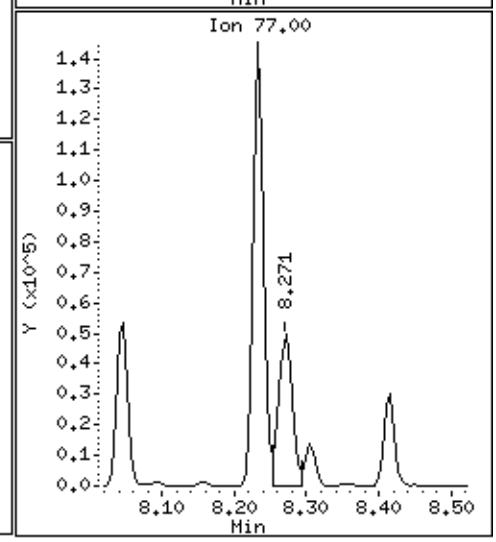












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

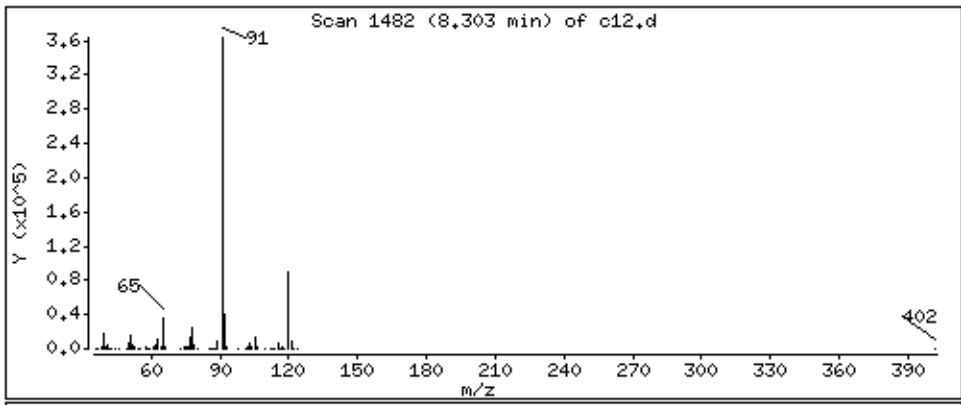
Column phase: DB-624

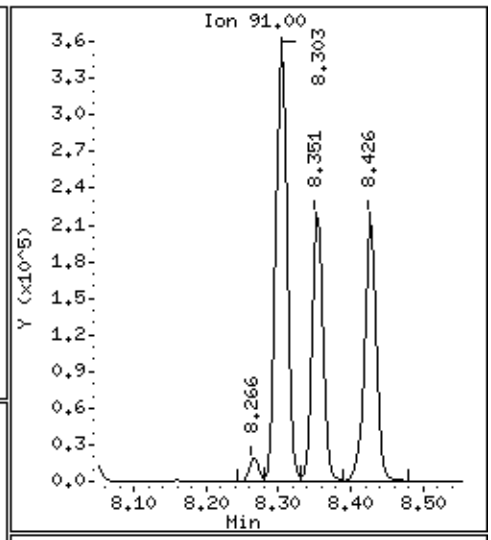
Column diameter: 0.18

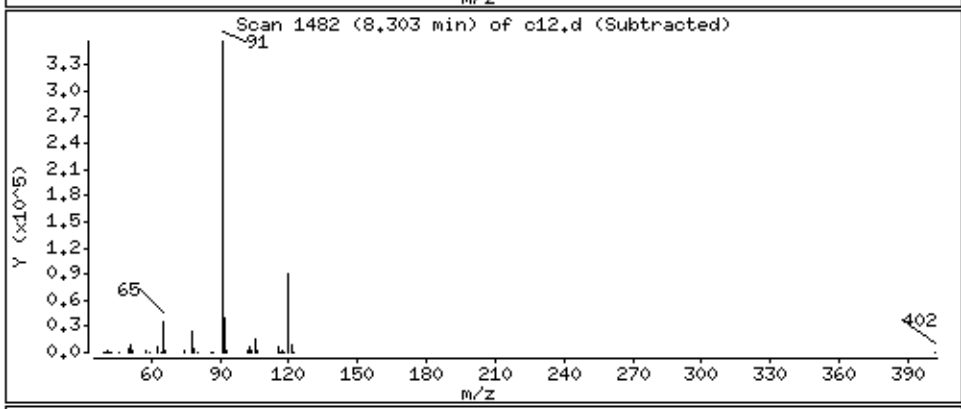
80 n-Propylbenzene

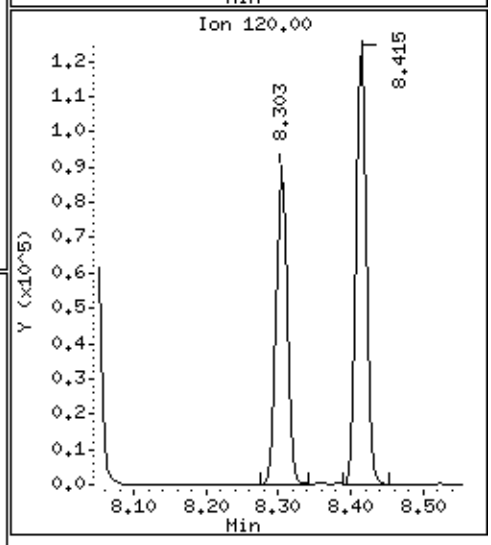
Concentration: 19.0 ppb

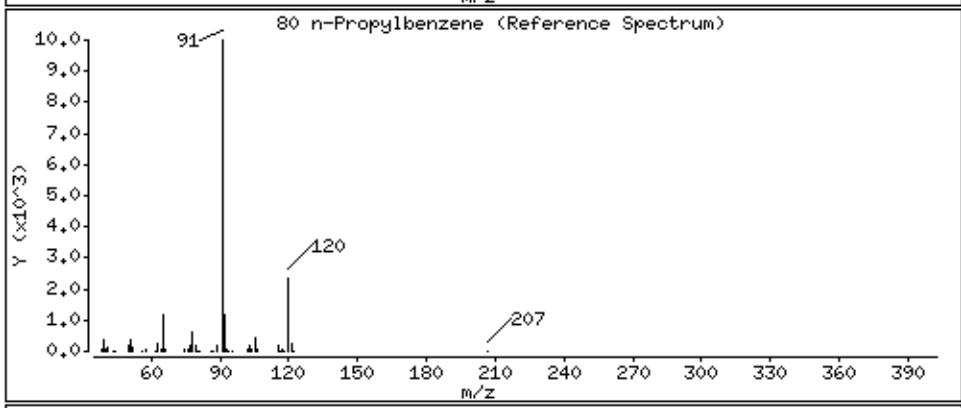
Review Code:

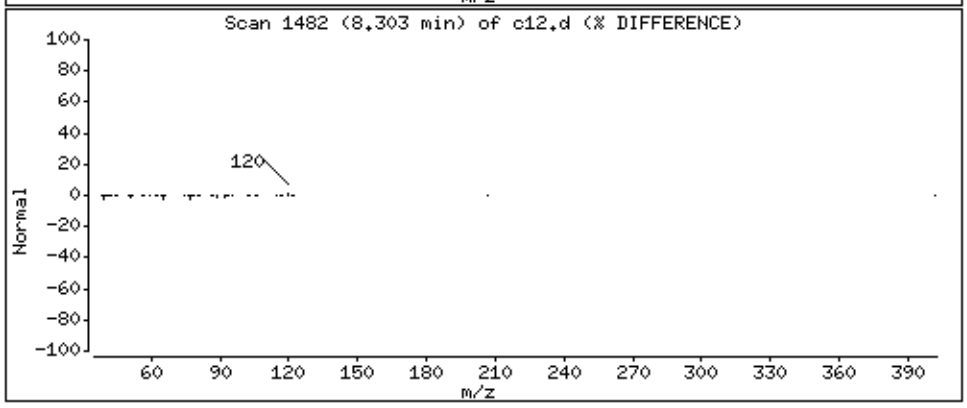












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

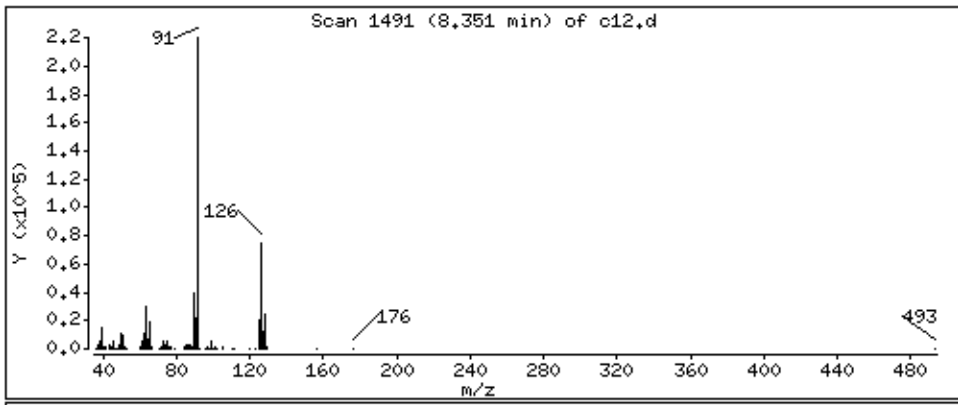
Column phase: DB-624

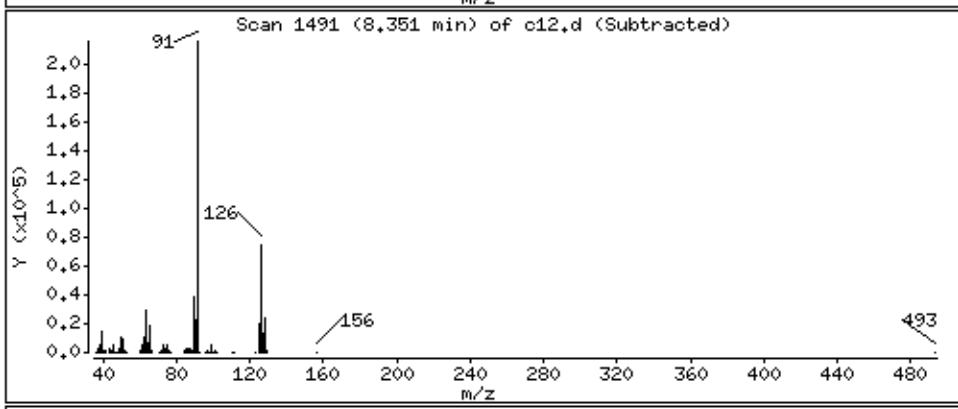
Column diameter: 0.18

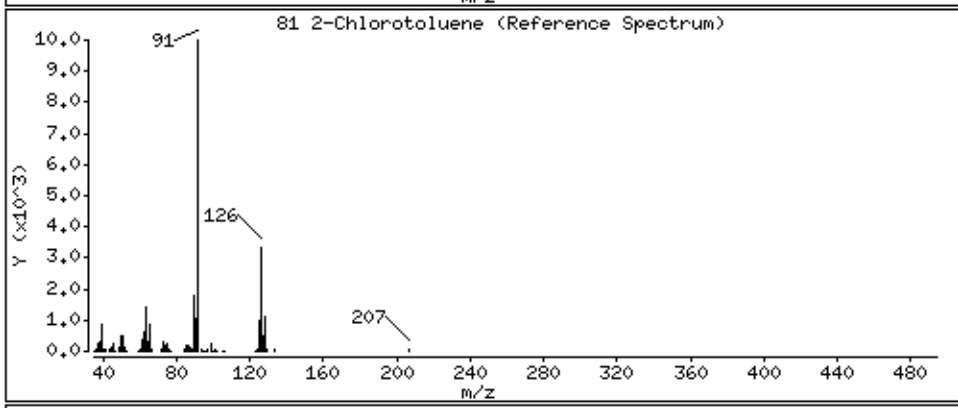
81 2-Chlorotoluene

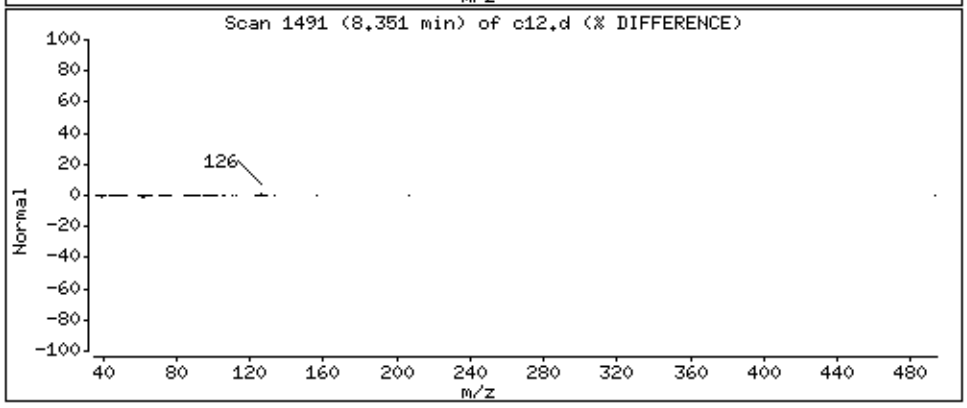
Concentration: 22.5 ppb

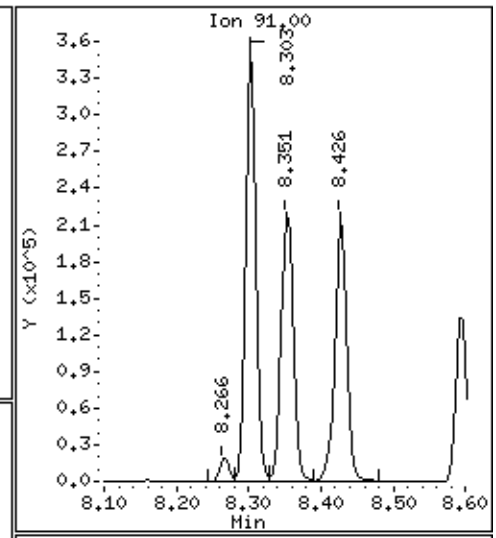
Review Code:

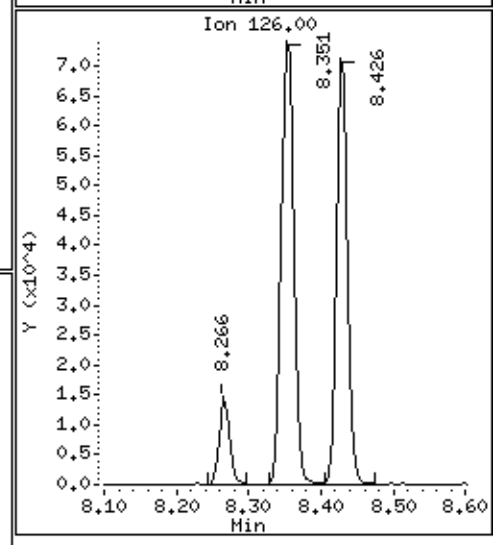












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

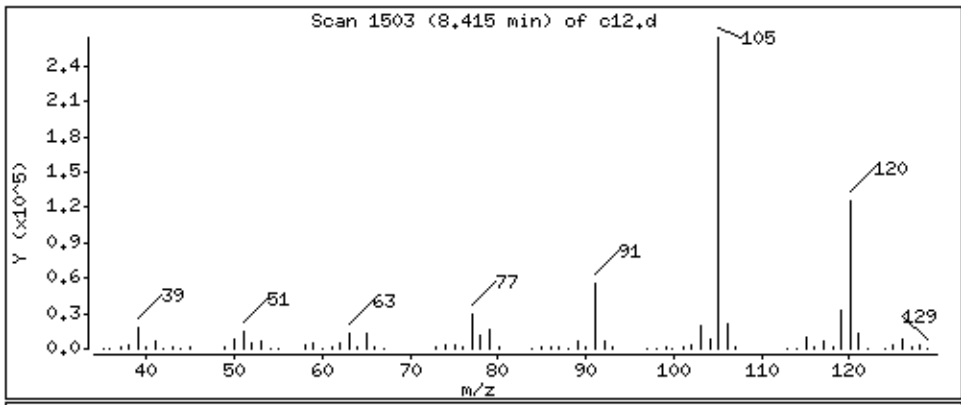
Column phase: DB-624

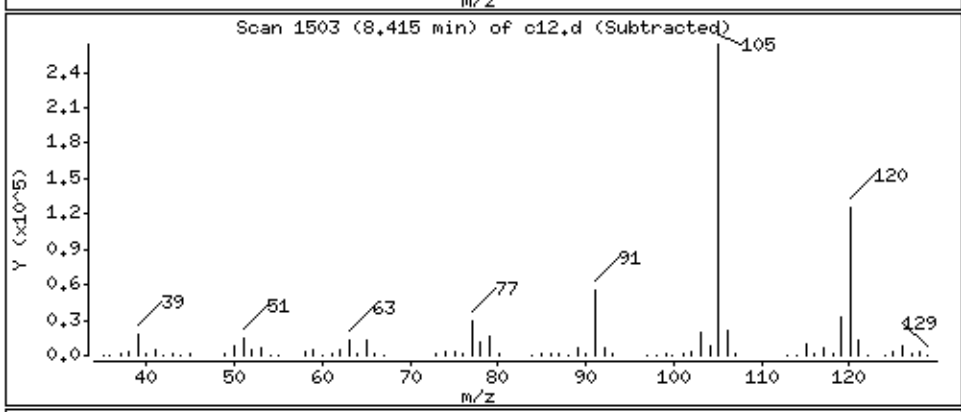
Column diameter: 0.18

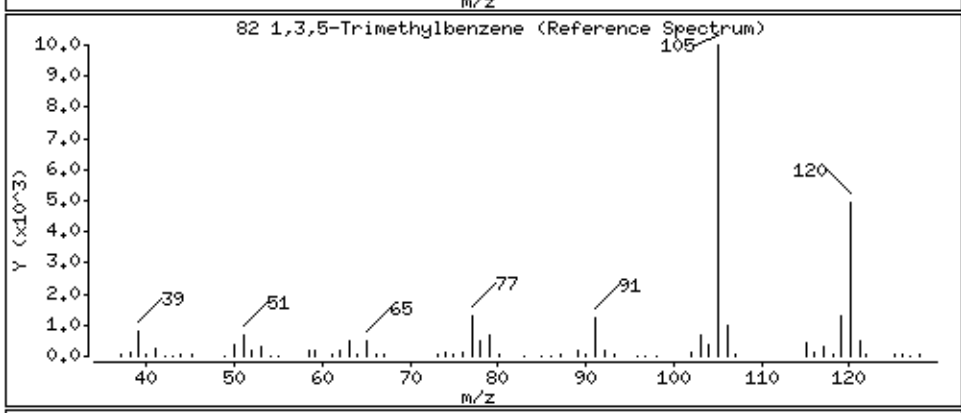
82 1,3,5-Trimethylbenzene

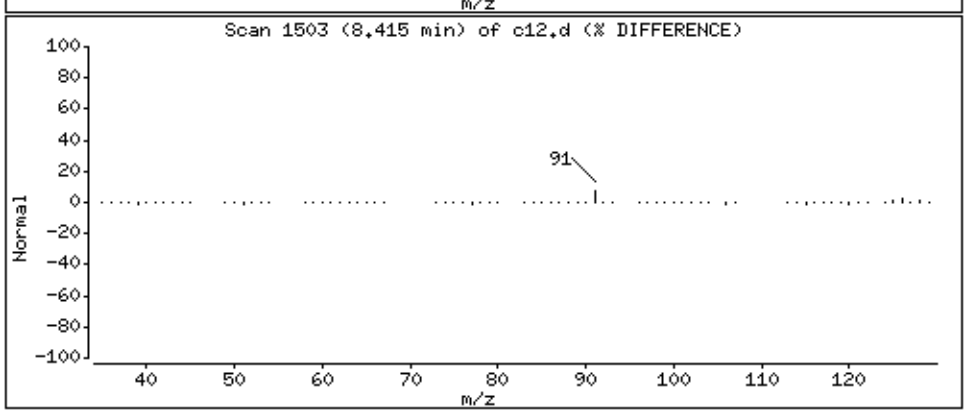
Concentration: 20.8 ppb

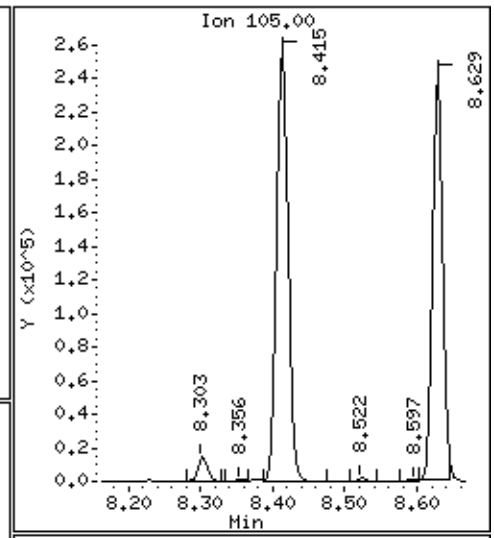
Review Code:

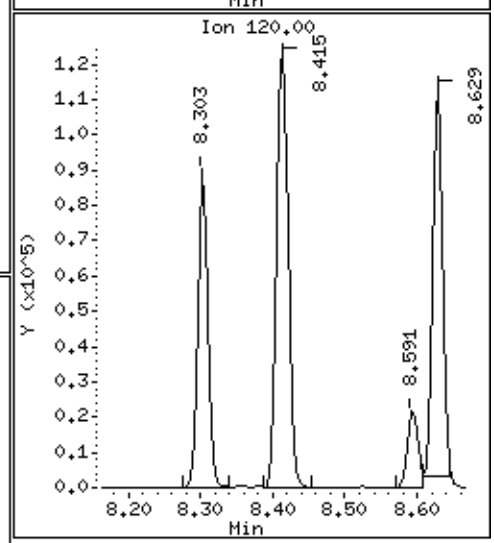












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

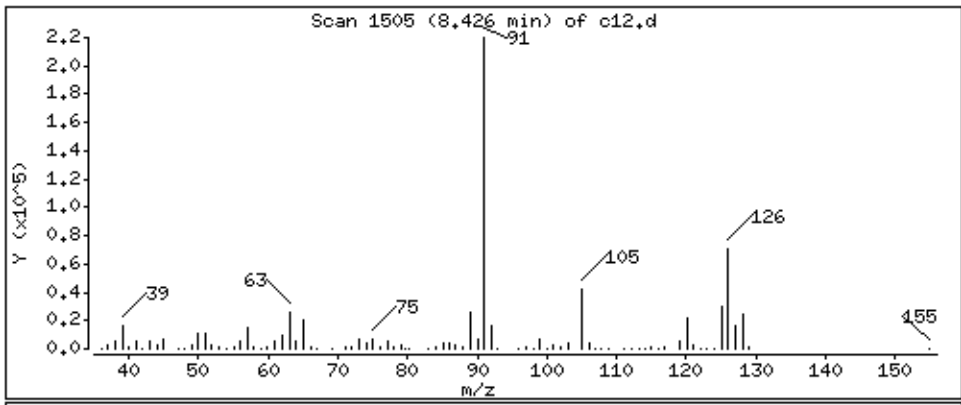
Column phase: DB-624

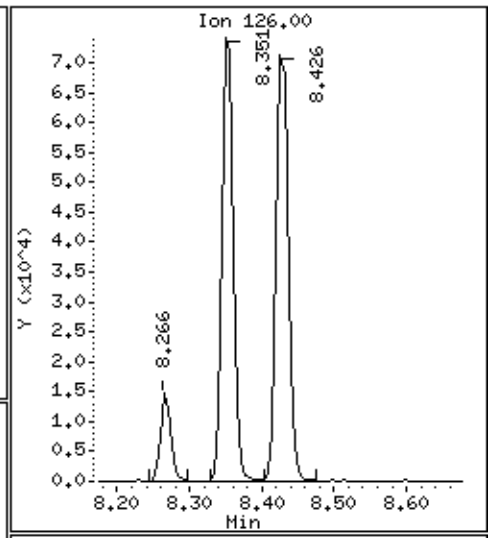
Column diameter: 0.18

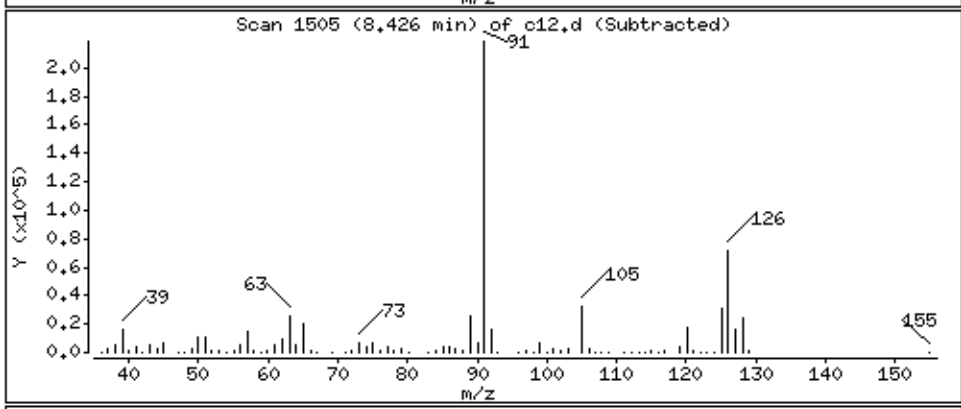
83 4-Chlorotoluene

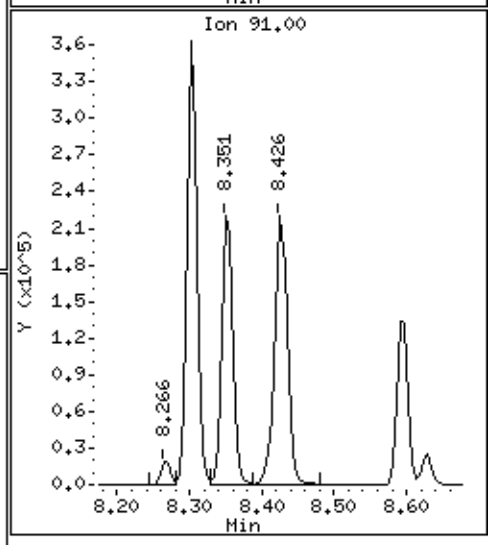
Concentration: 23.2 ppb

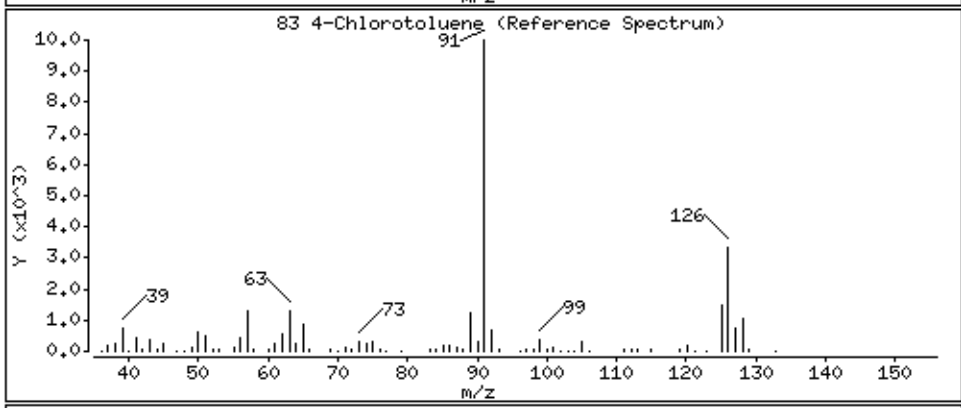
Review Code:

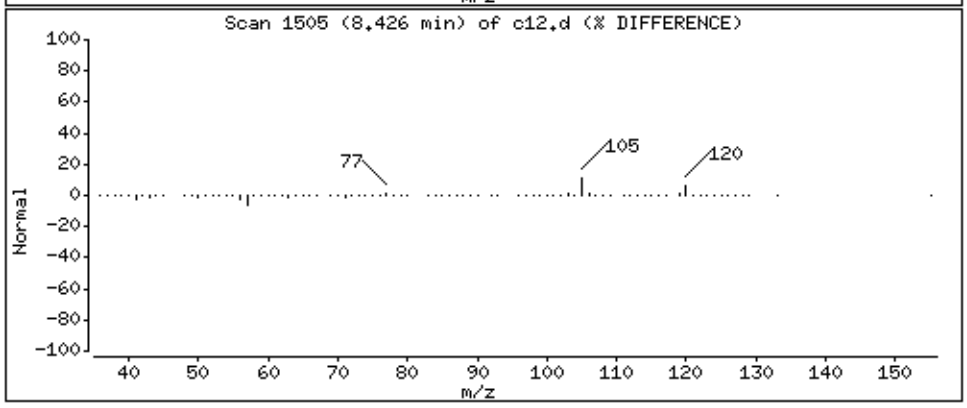












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

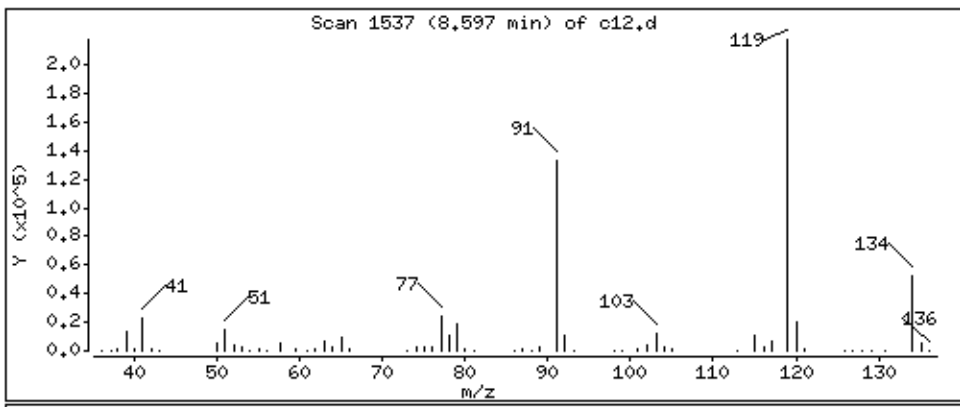
Column phase: DB-624

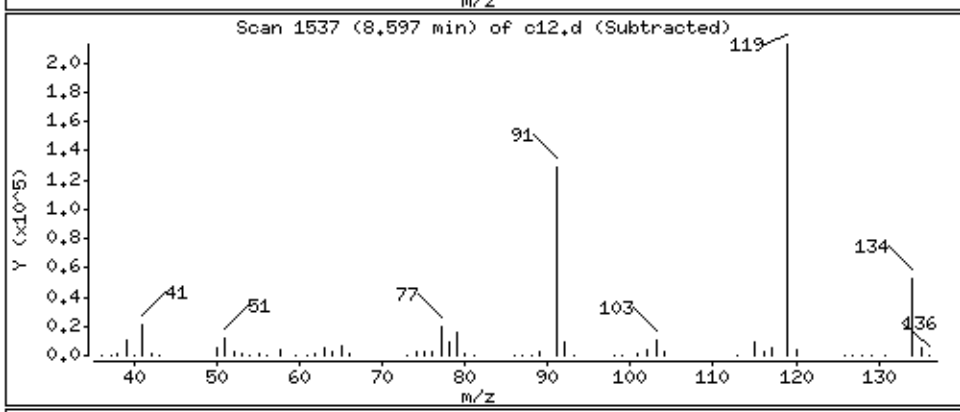
Column diameter: 0.18

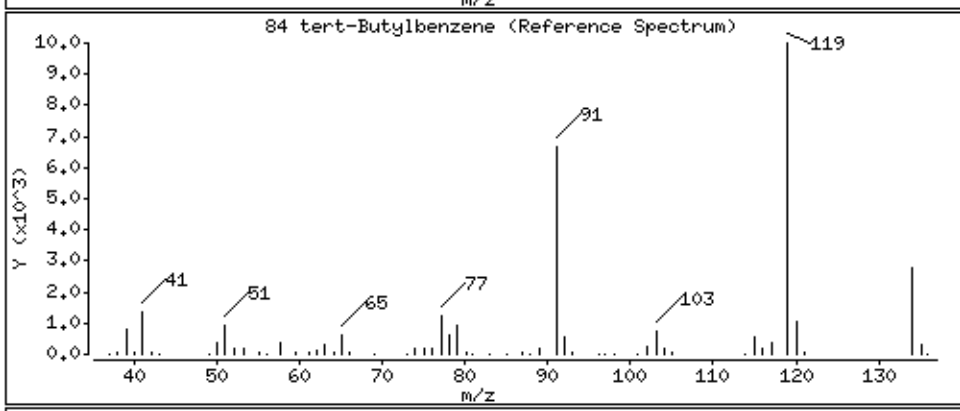
84 tert-Butylbenzene

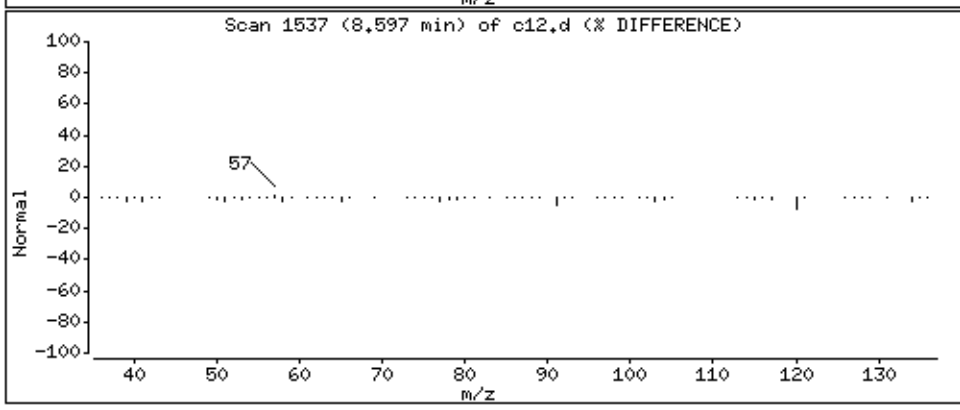
Concentration: 16.1 ppb

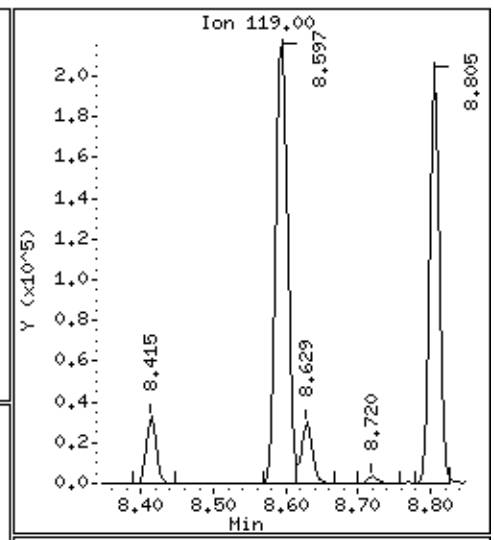
Review Code:

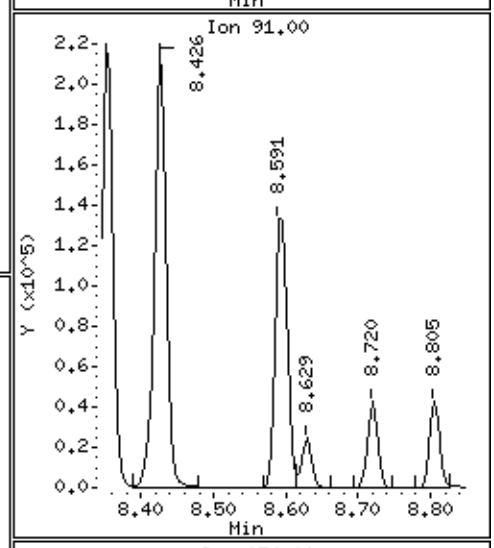


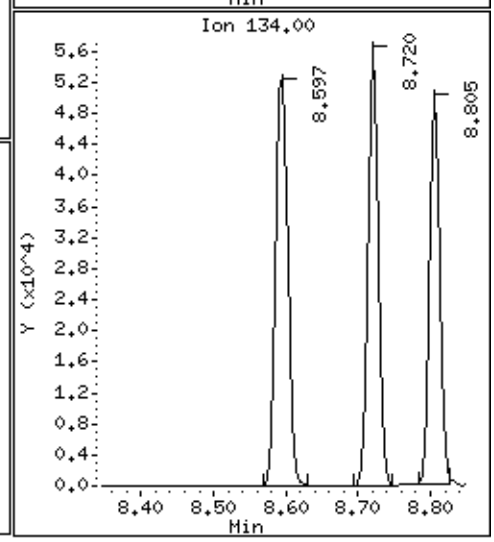












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

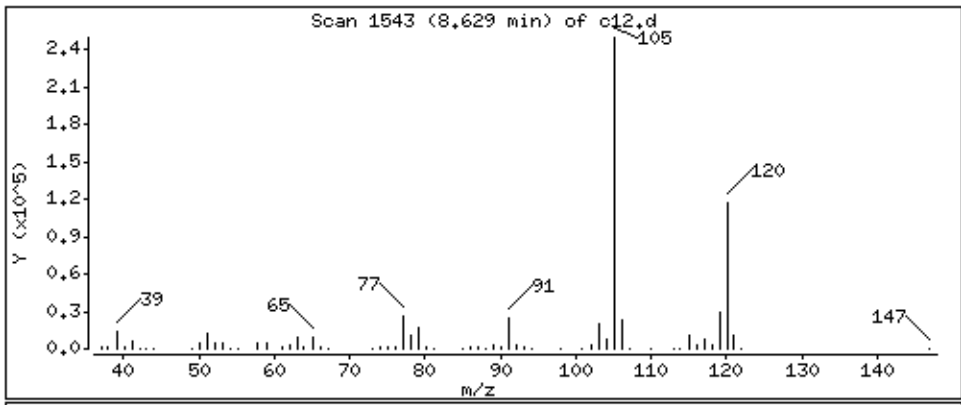
Column phase: DB-624

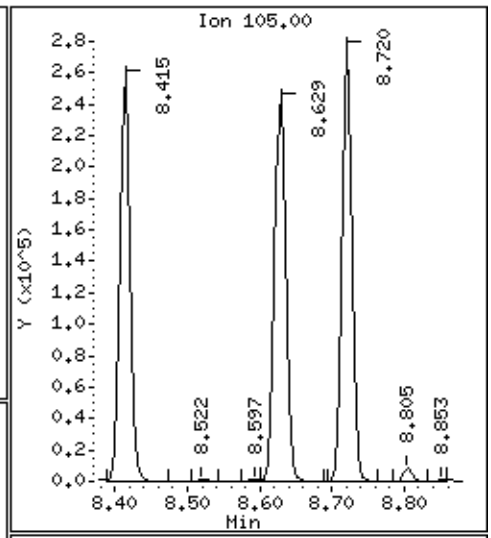
Column diameter: 0.18

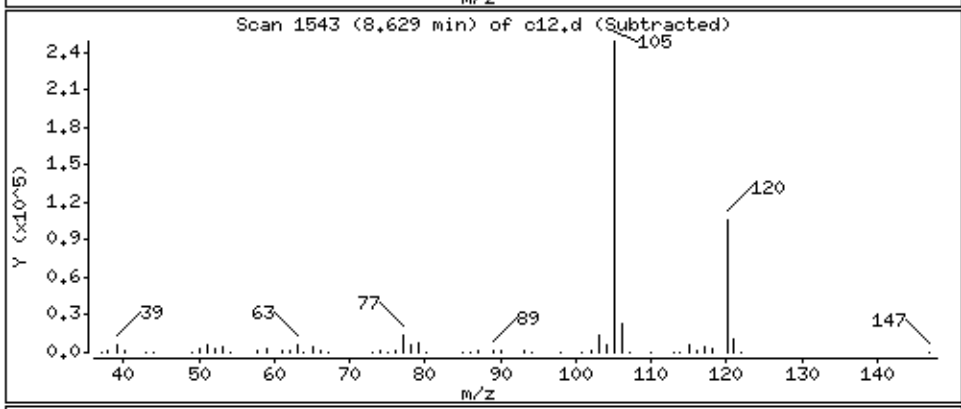
85 1,2,4-Trimethylbenzene

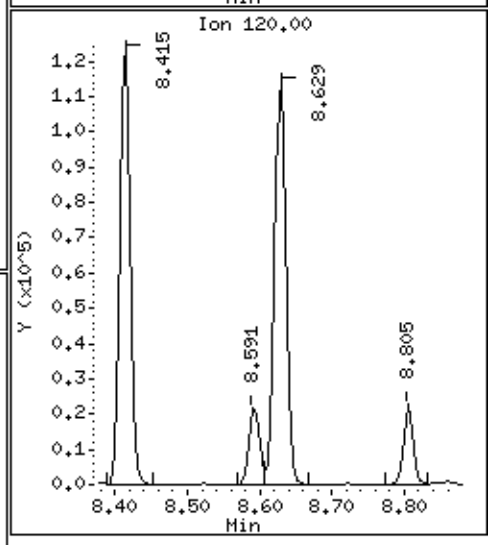
Concentration: 20.5 ppb

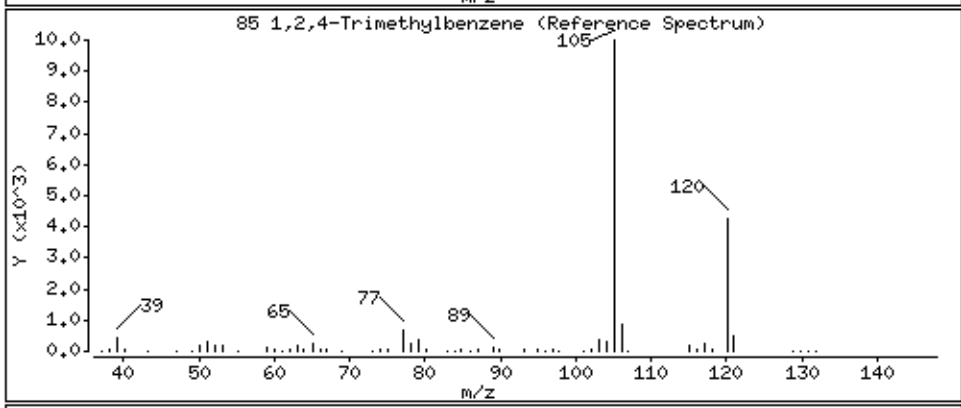
Review Code:

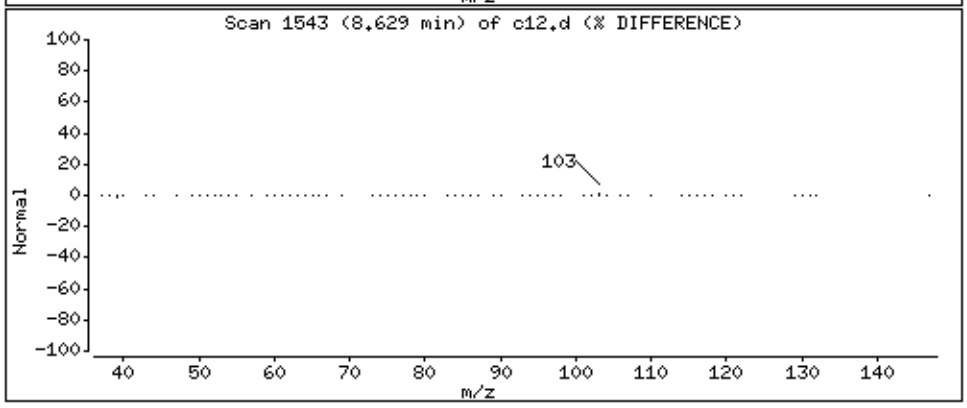












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

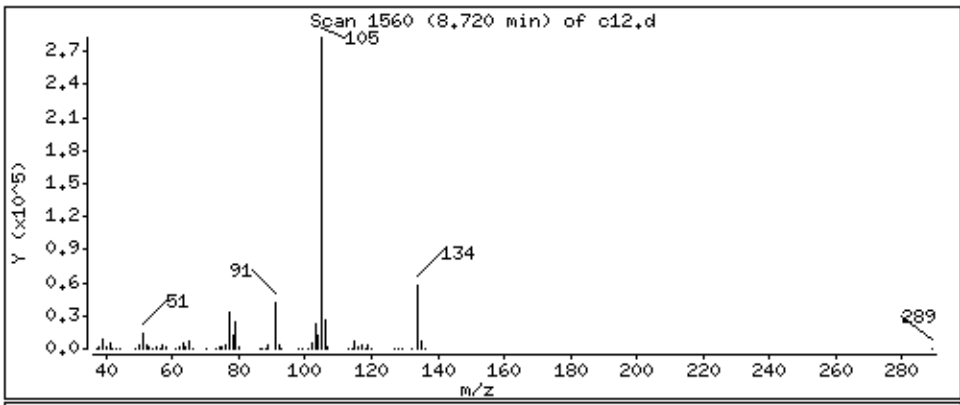
Column phase: DB-624

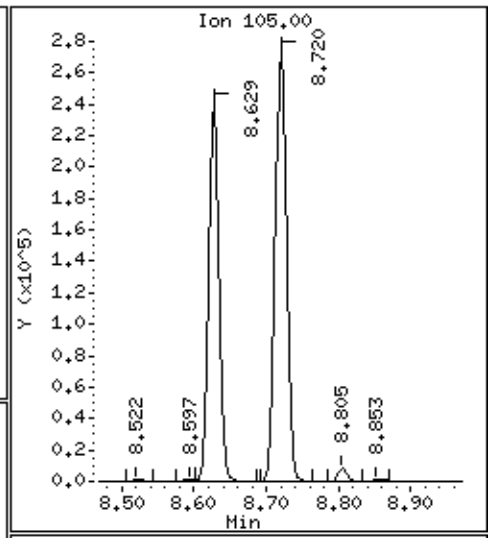
Column diameter: 0.18

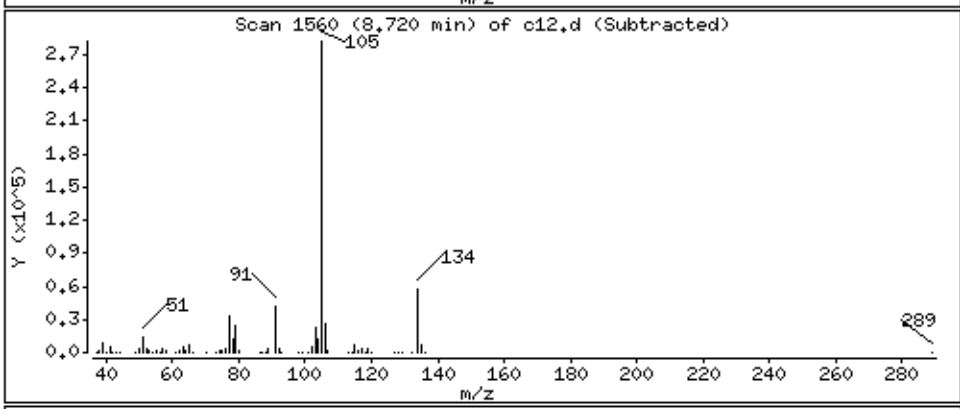
86 sec-Butylbenzene

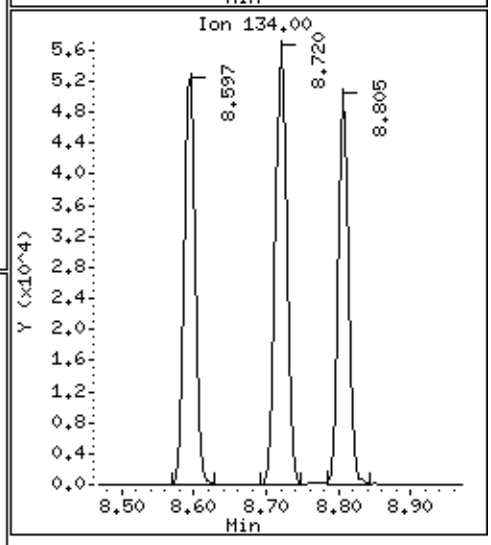
Concentration: 17.3 ppb

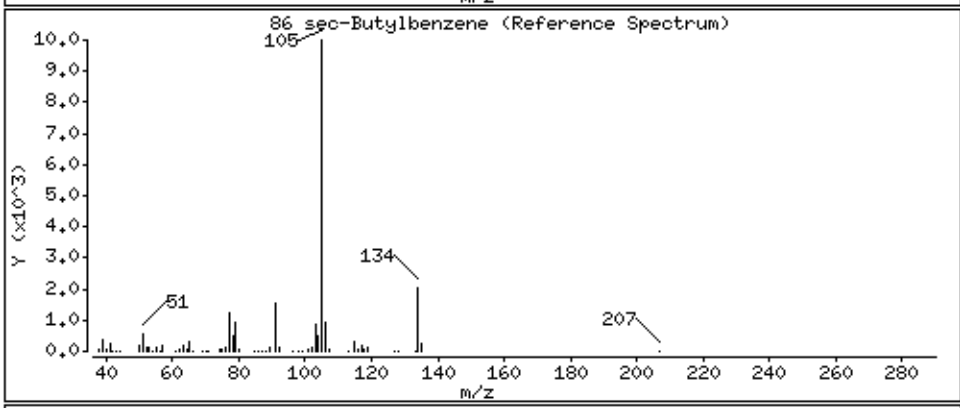
Review Code:

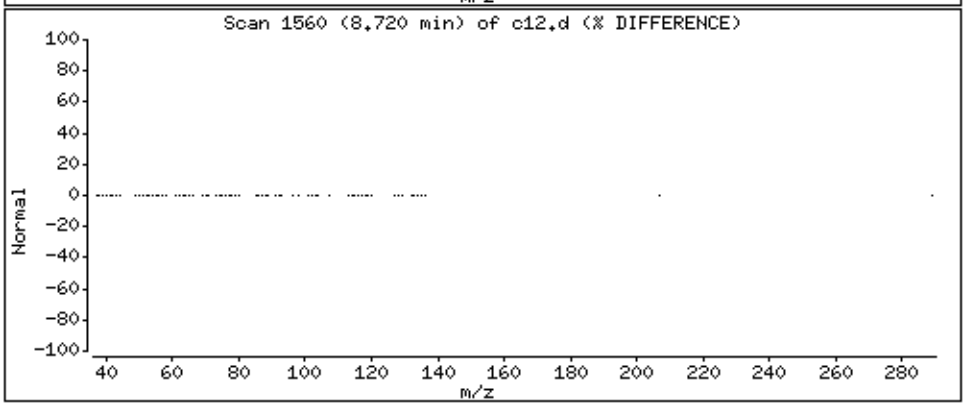












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

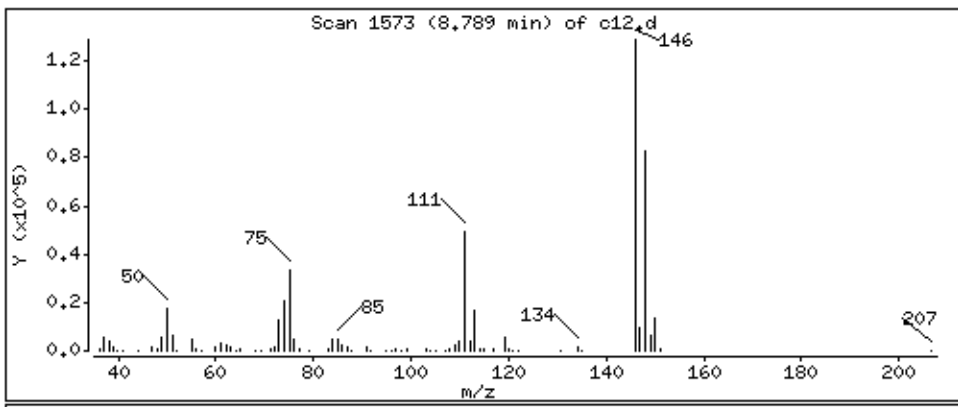
Column phase: DB-624

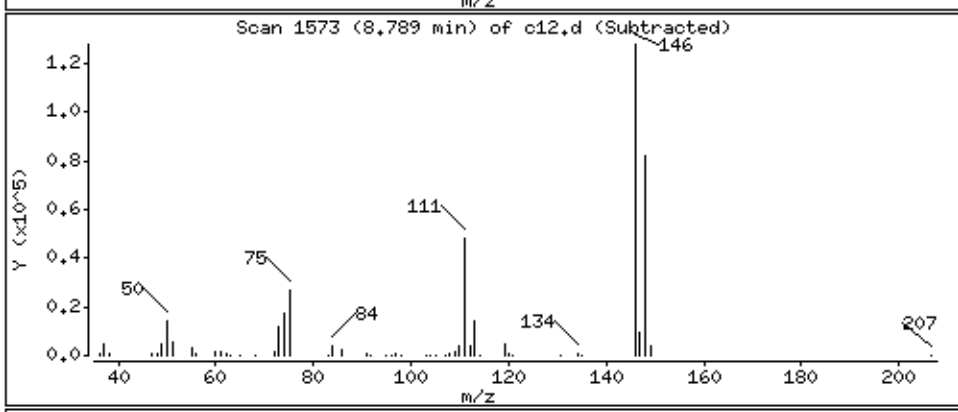
Column diameter: 0.18

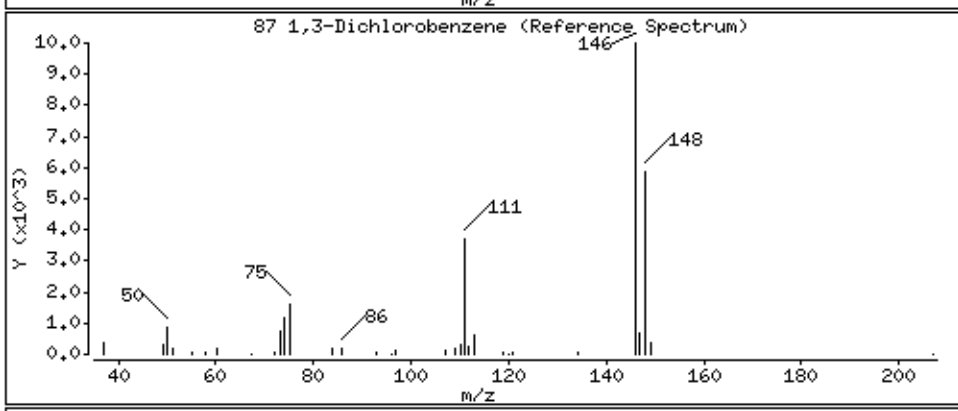
87 1,3-Dichlorobenzene

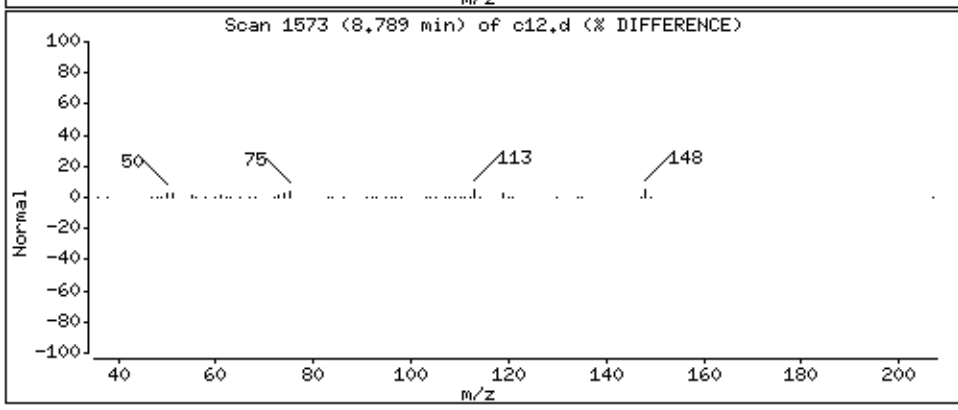
Concentration: 24.1 ppb

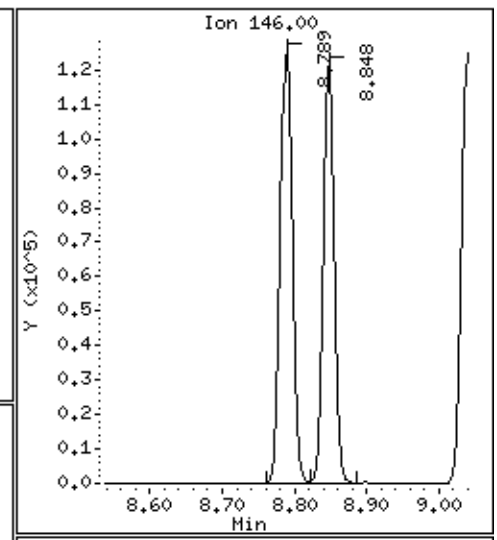
Review Code:

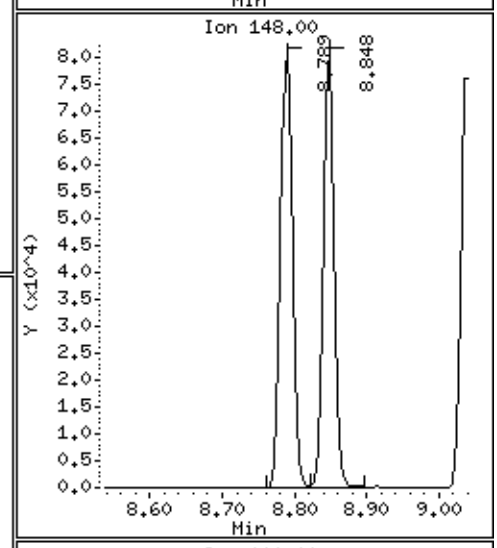


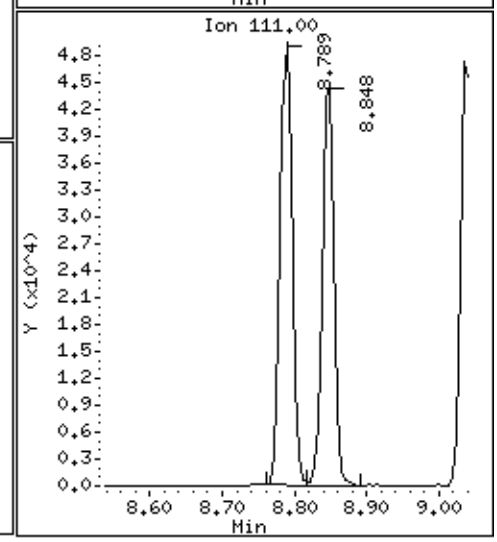












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

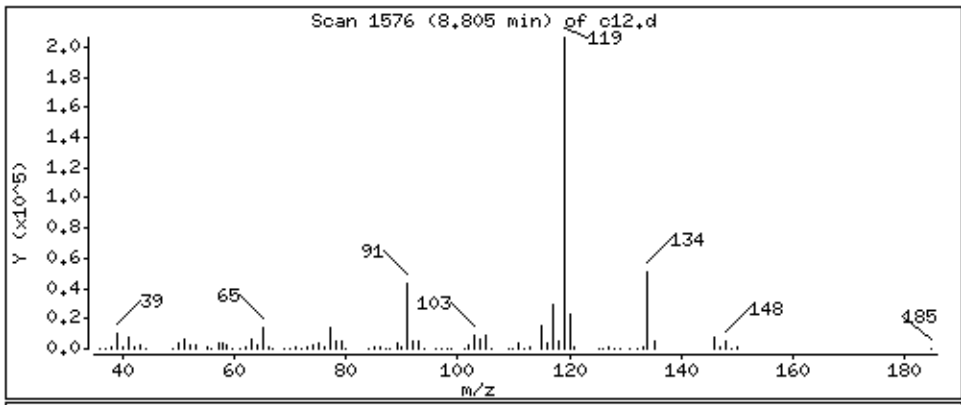
Column phase: DB-624

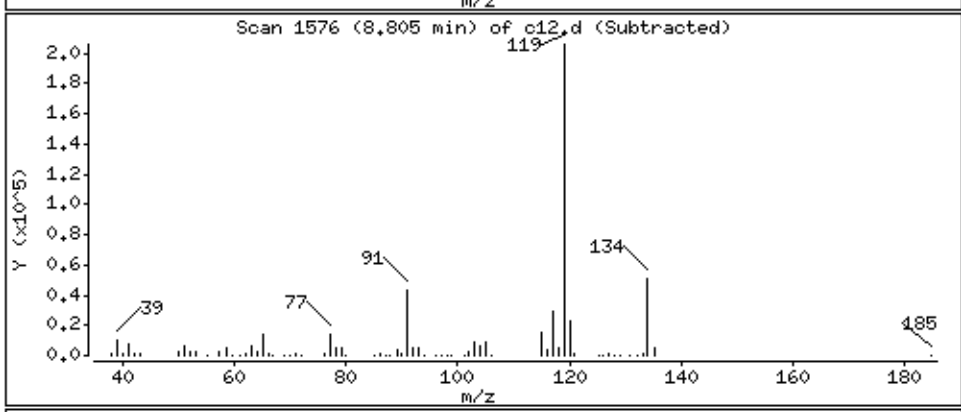
Column diameter: 0.18

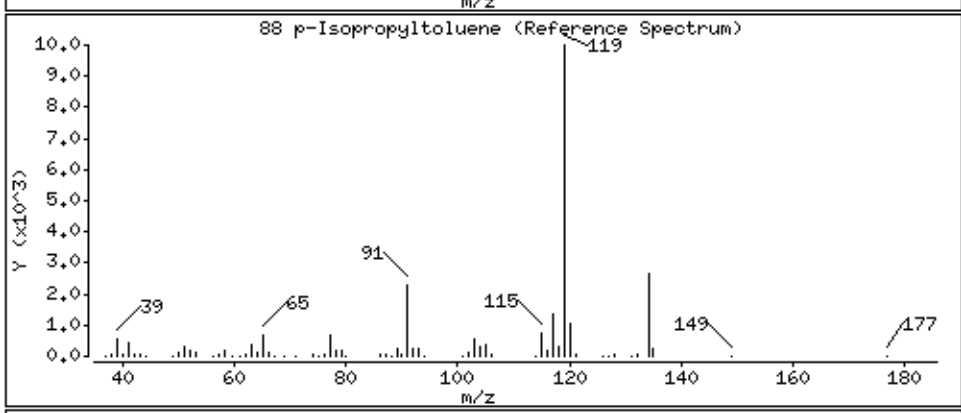
88 p-Isopropyltoluene

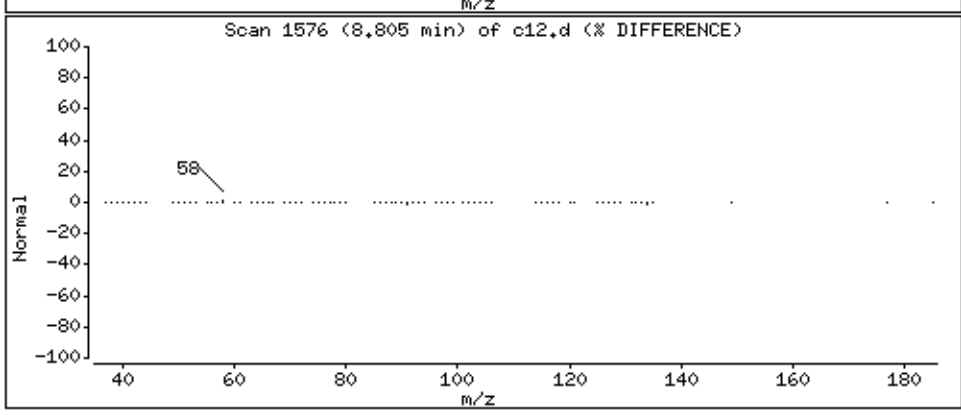
Concentration: 15.4 ppb

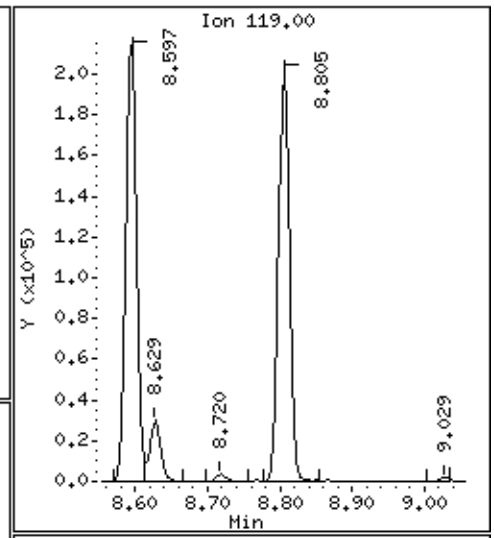
Review Code:

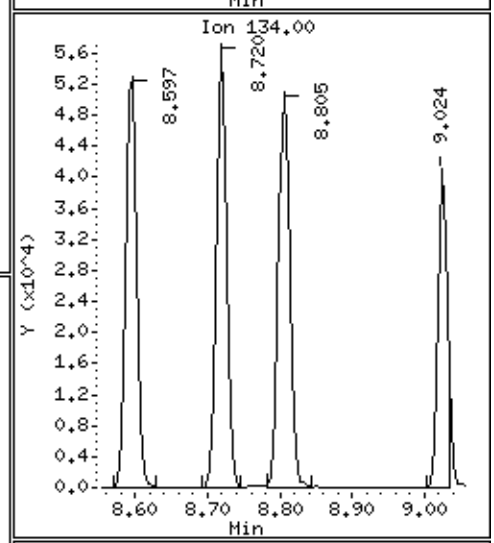


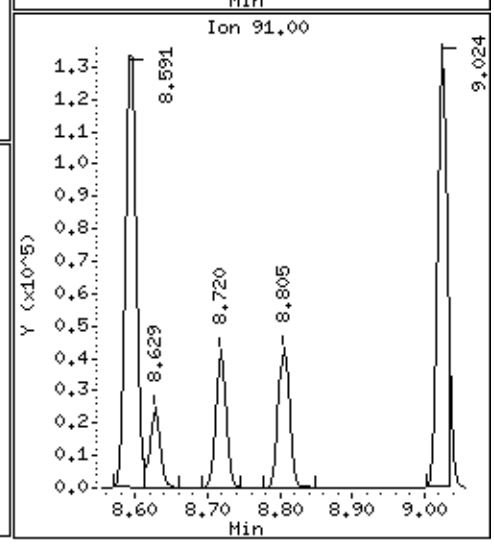












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

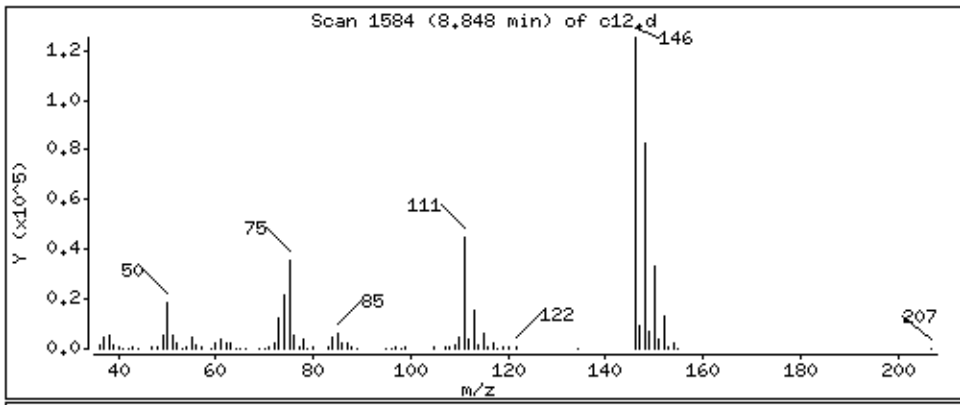
Column phase: DB-624

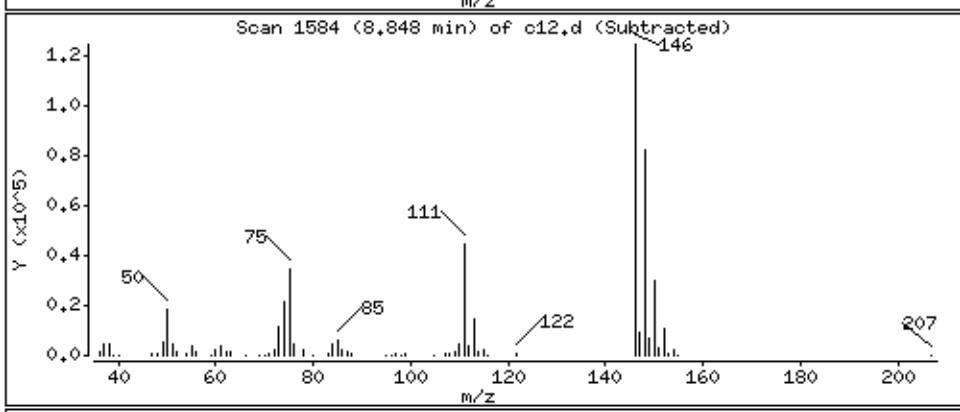
Column diameter: 0.18

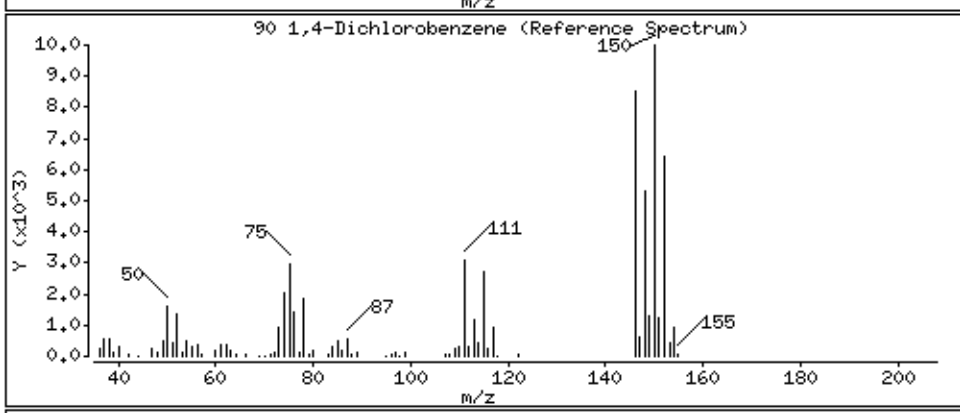
90 1,4-Dichlorobenzene

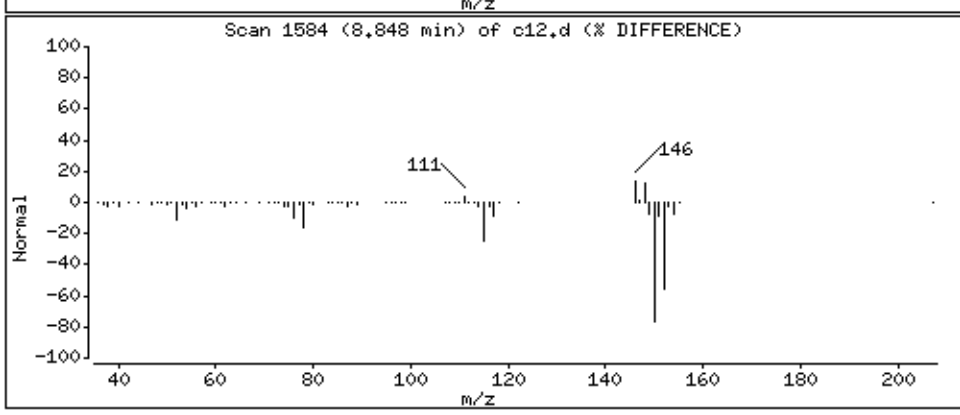
Concentration: 23.6 ppb

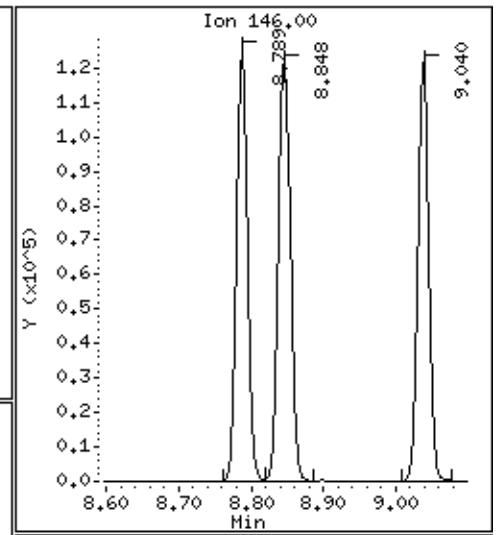
Review Code:

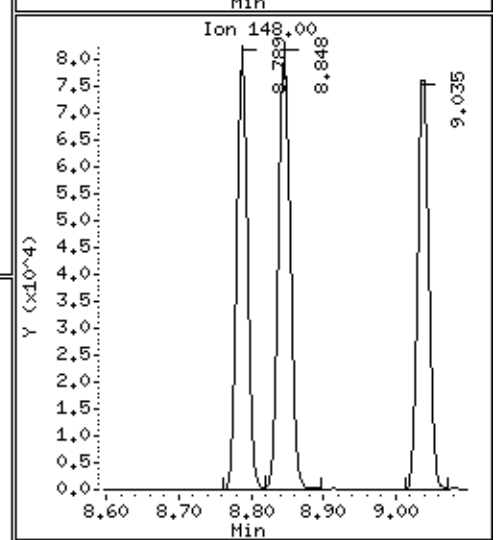


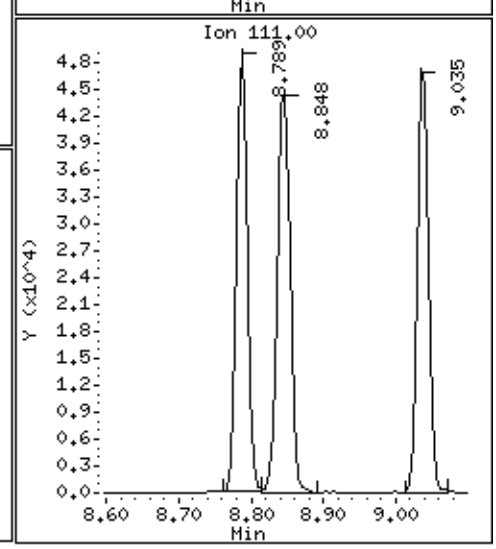












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

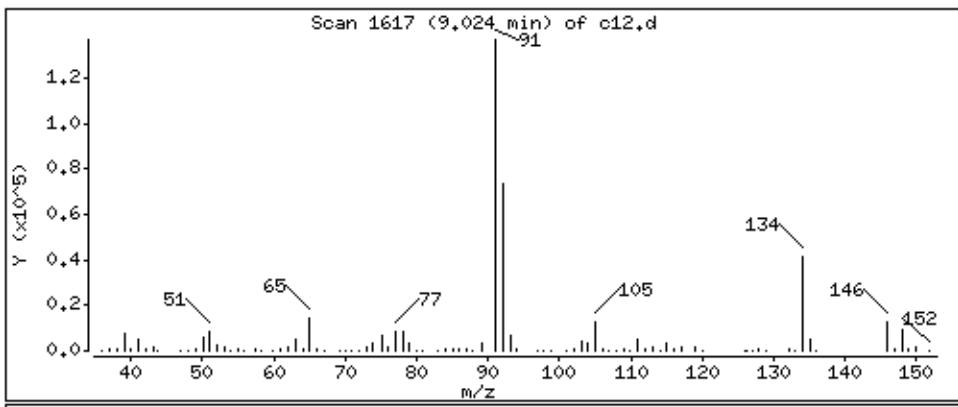
Column phase: DB-624

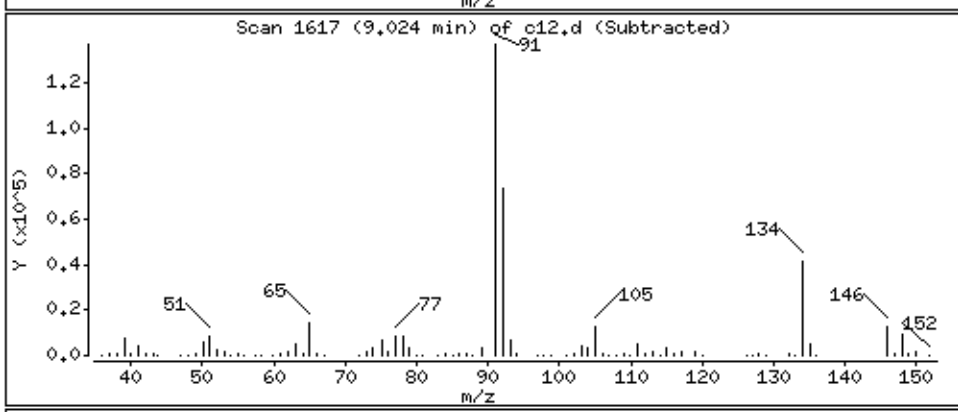
Column diameter: 0.18

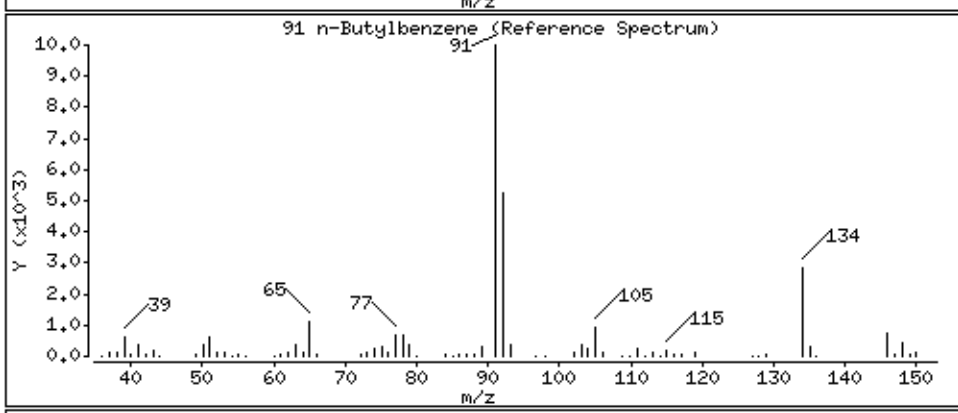
91 n-Butylbenzene

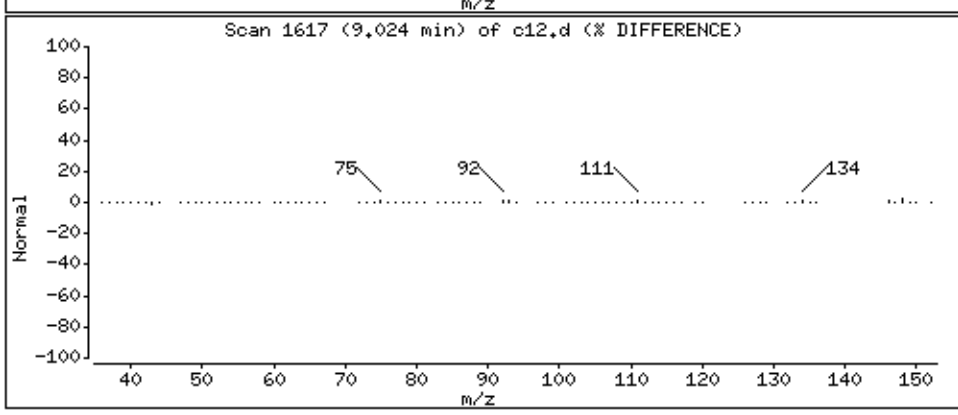
Concentration: 12.3 ppb

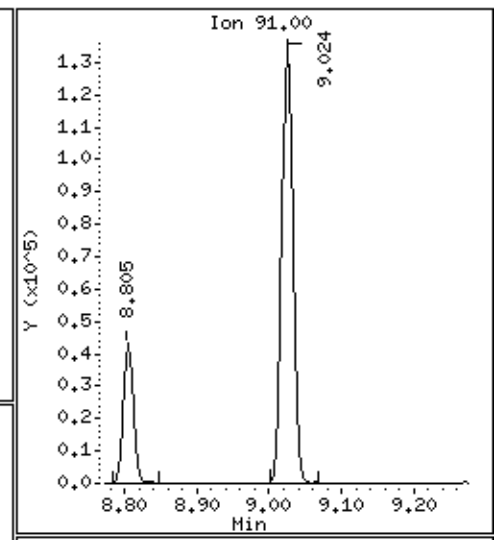
Review Code:

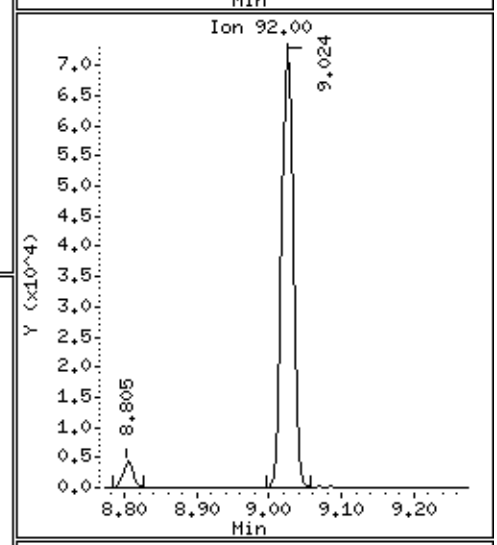


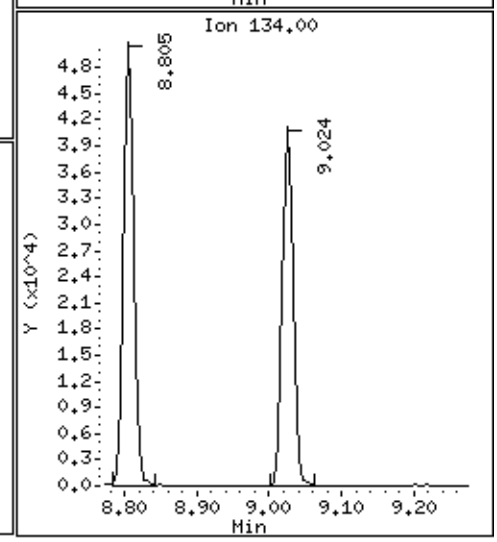












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

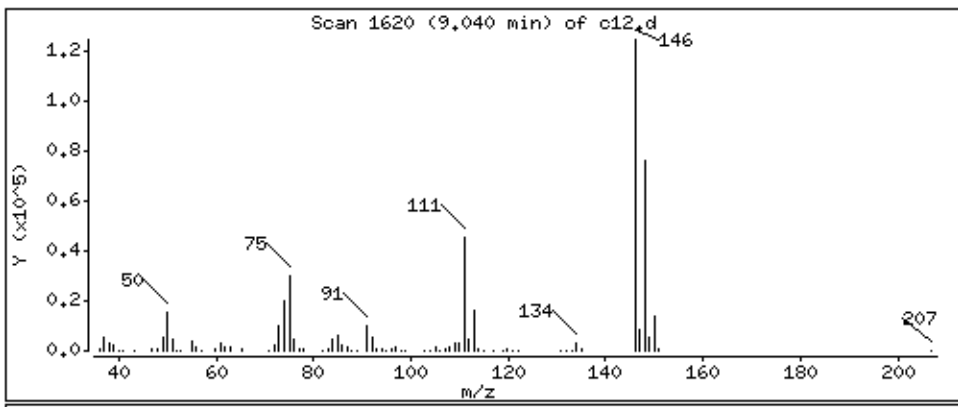
Column phase: DB-624

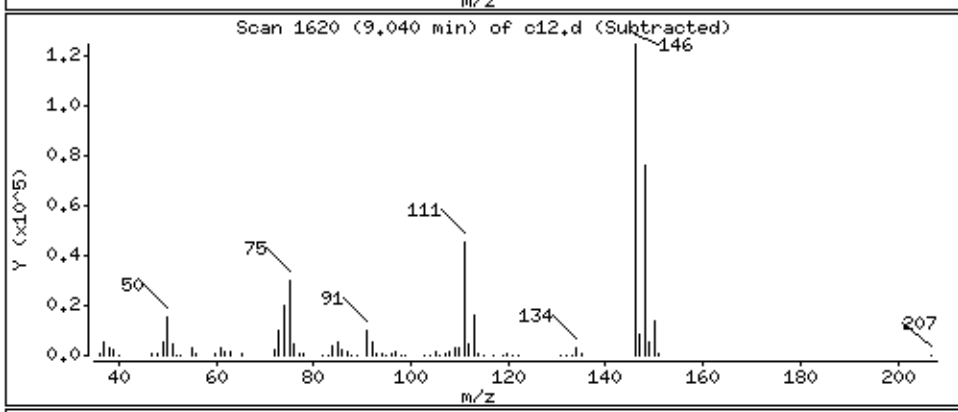
Column diameter: 0.18

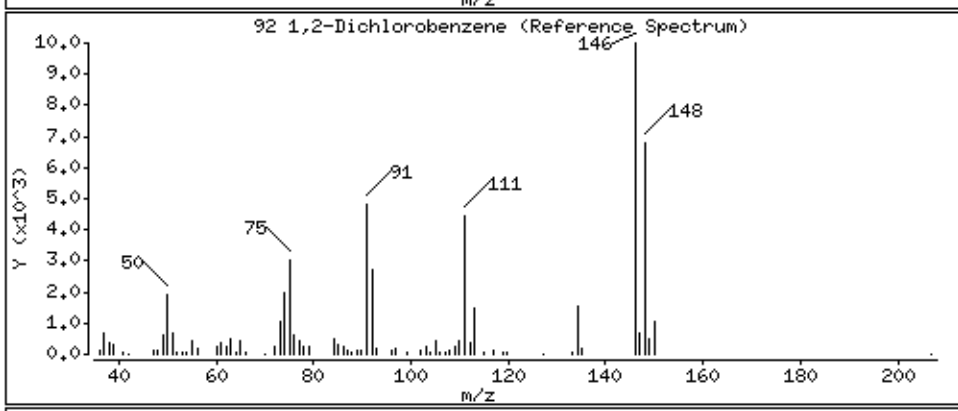
92 1,2-Dichlorobenzene

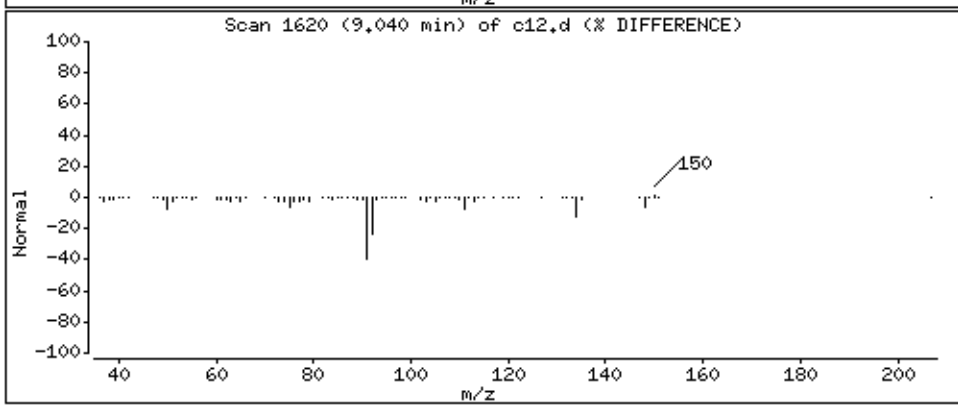
Concentration: 28.1 ppb

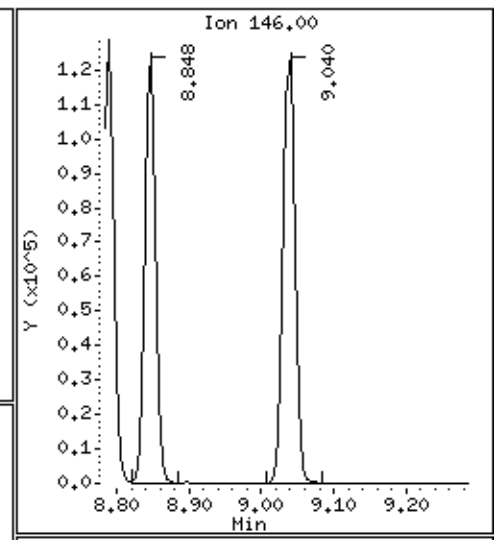
Review Code:

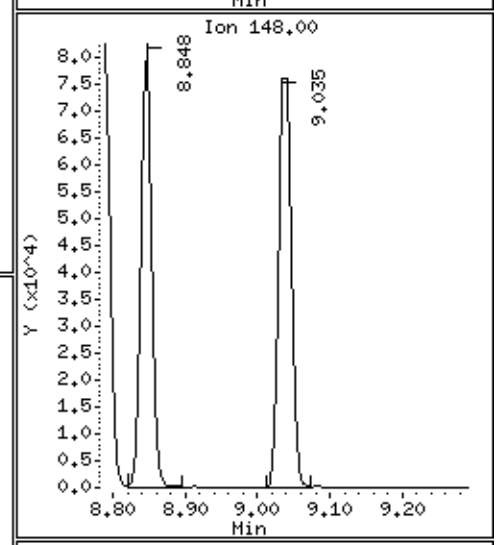


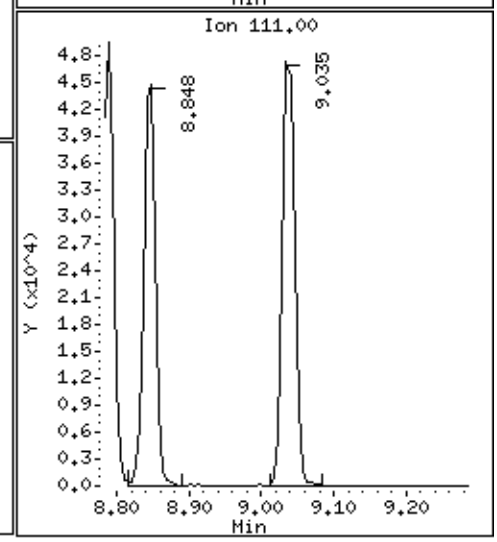












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Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

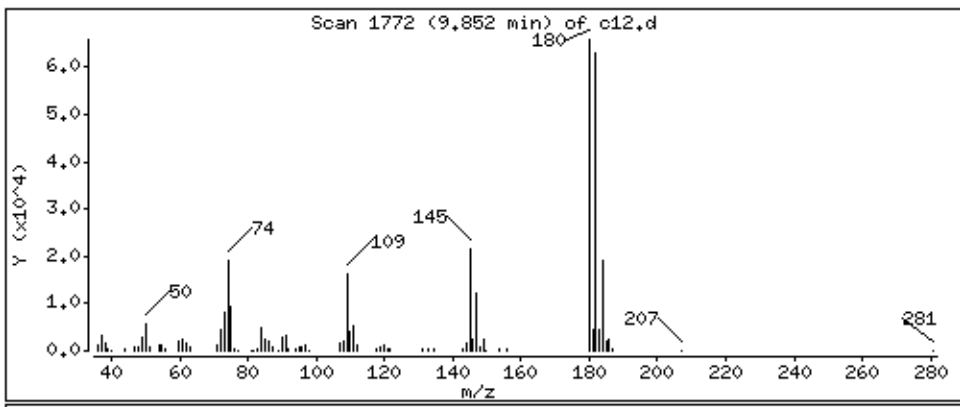
Column phase: DB-624

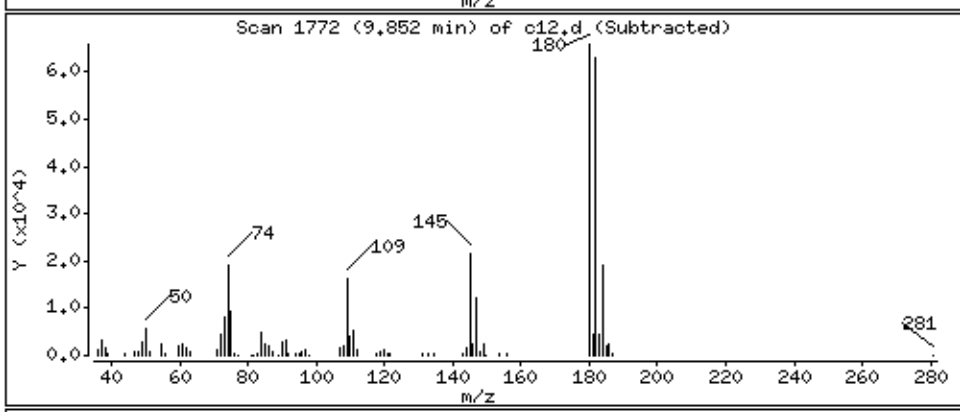
Column diameter: 0.18

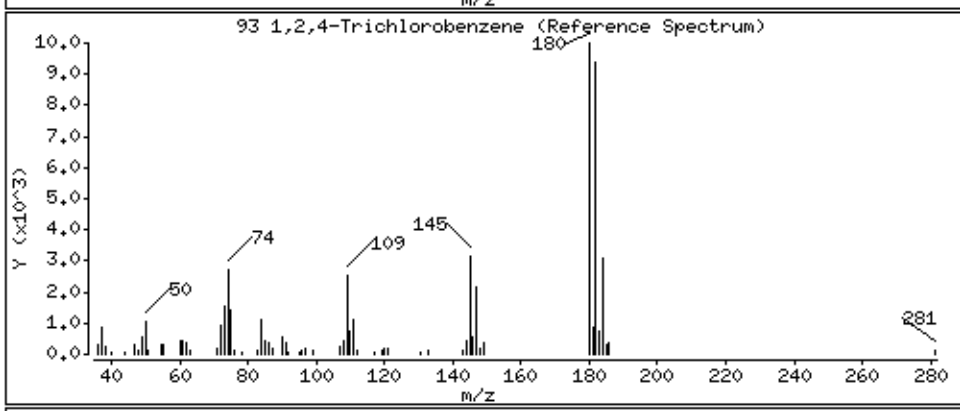
93 1,2,4-Trichlorobenzene

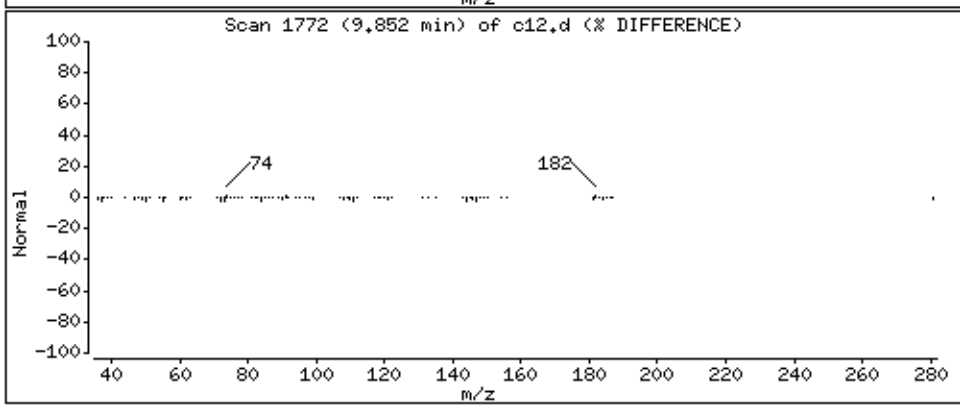
Concentration: 22.3 ppb

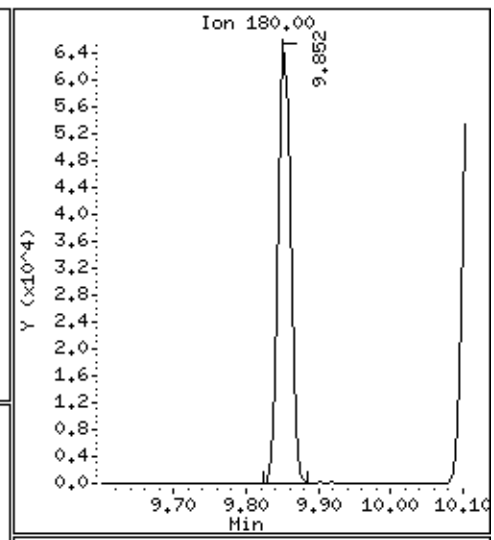
Review Code:

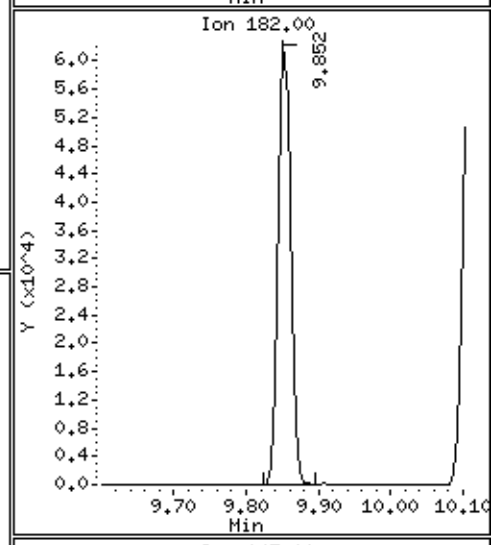


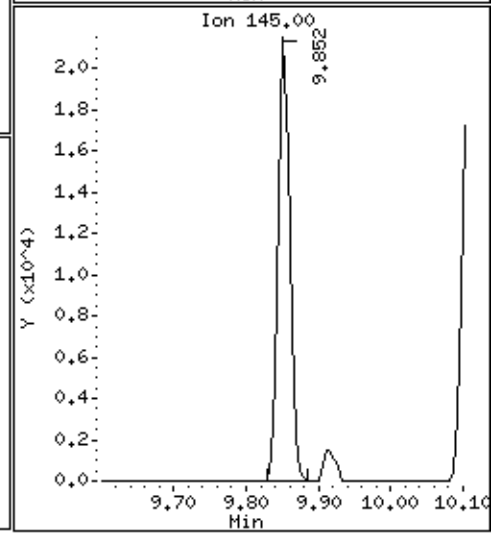












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

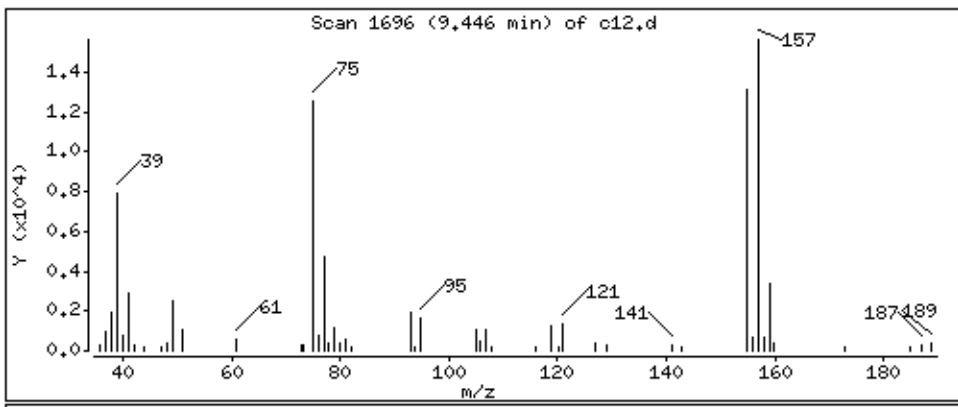
Column phase: DB-624

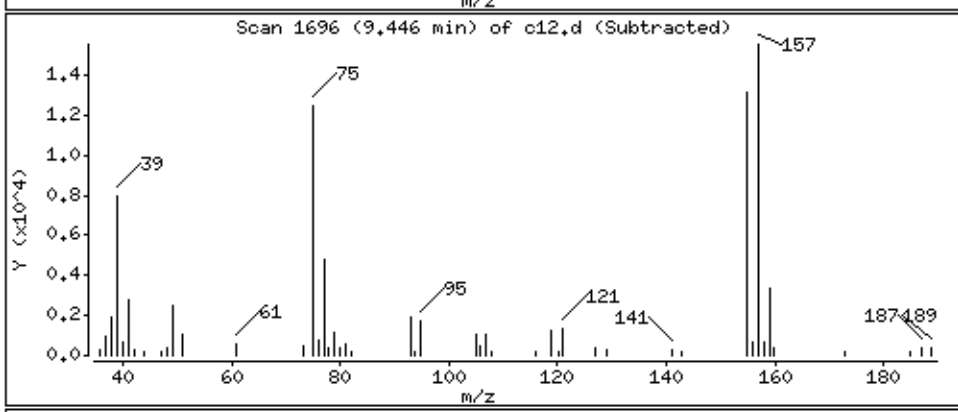
Column diameter: 0.18

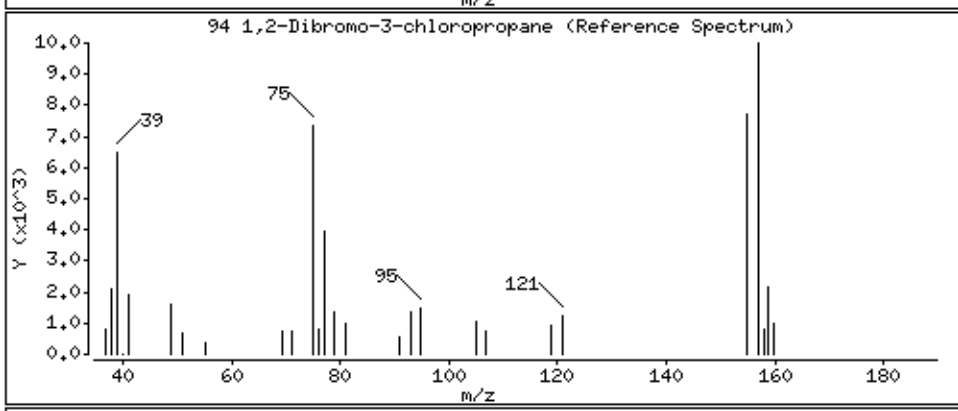
94 1,2-Dibromo-3-chloropropane

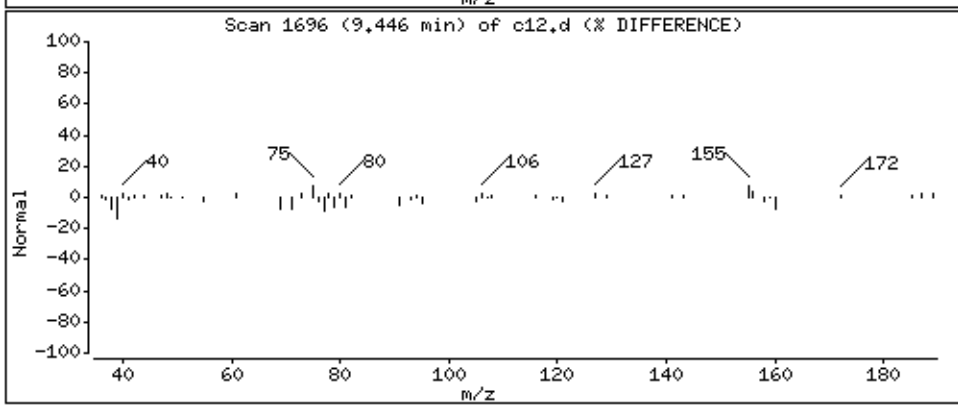
Concentration: 45.2 ppb

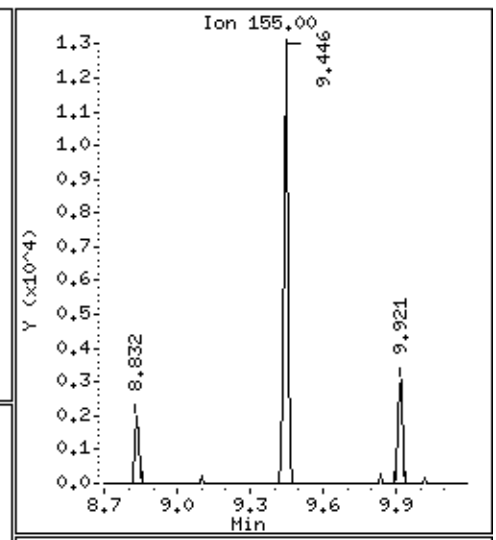
Review Code:

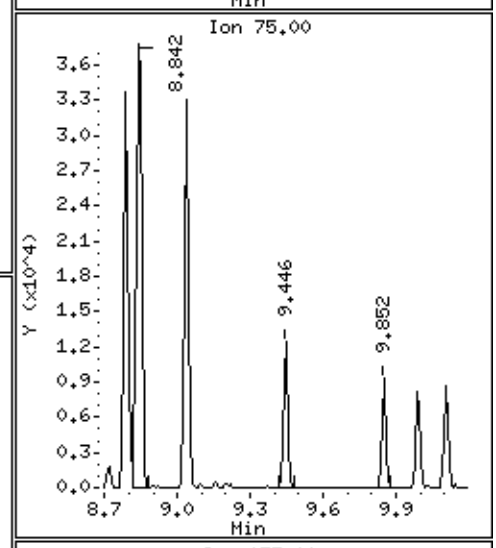


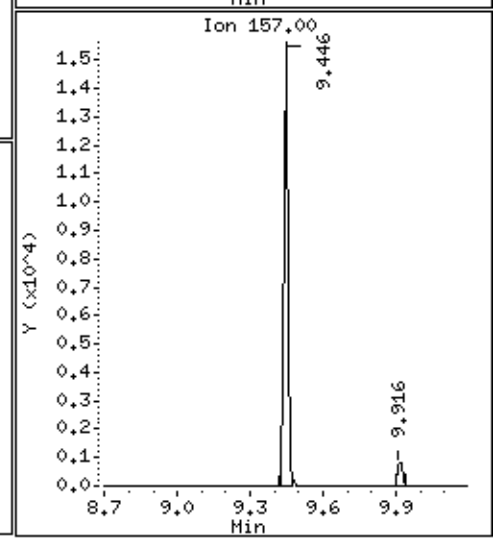












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

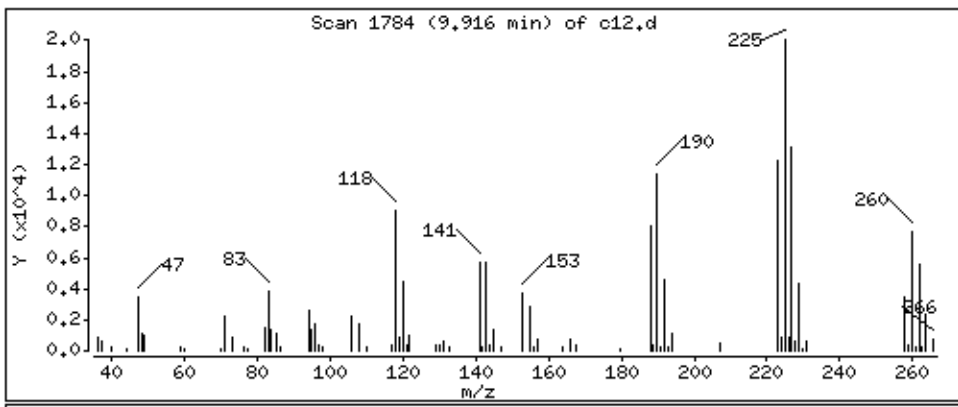
Column phase: DB-624

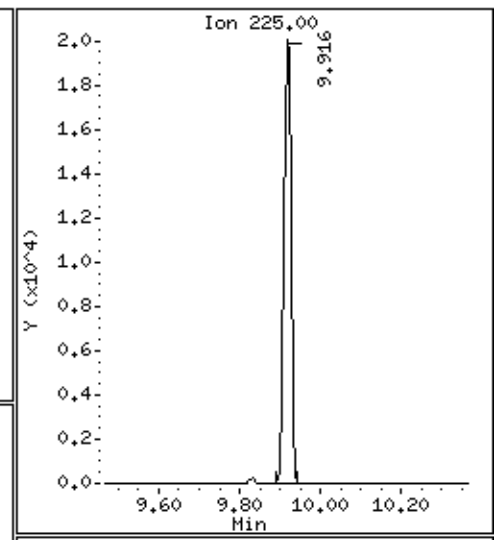
Column diameter: 0.18

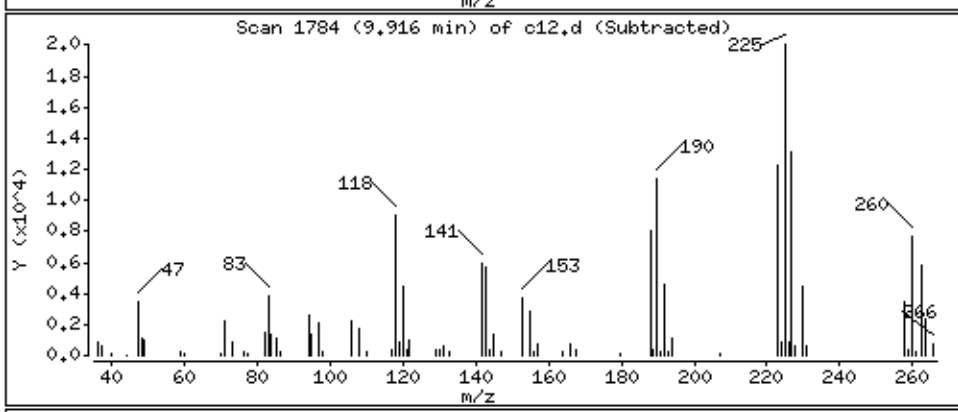
95 Hexachlorobutadiene

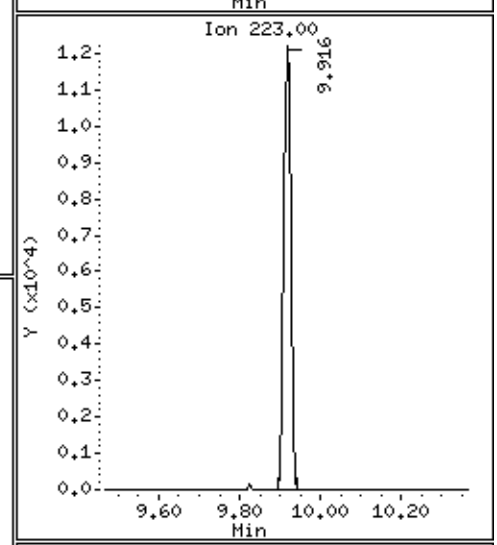
Concentration: 10.9 ppb

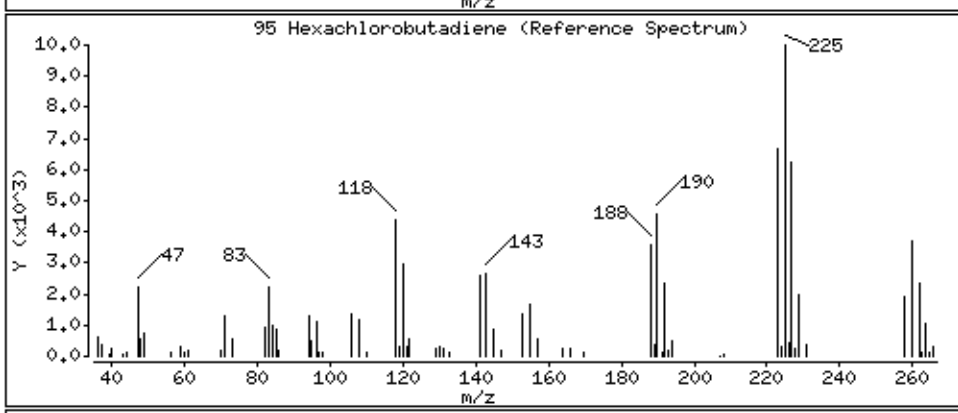
Review Code:

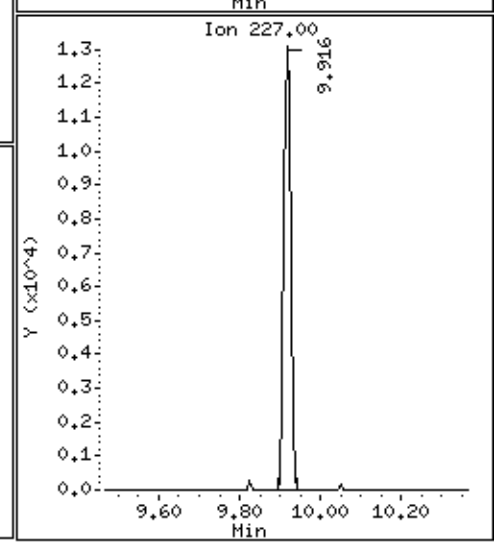


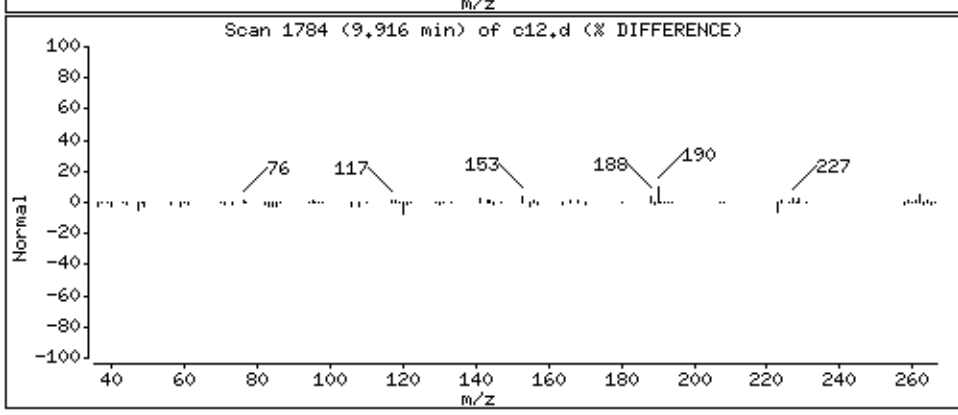












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

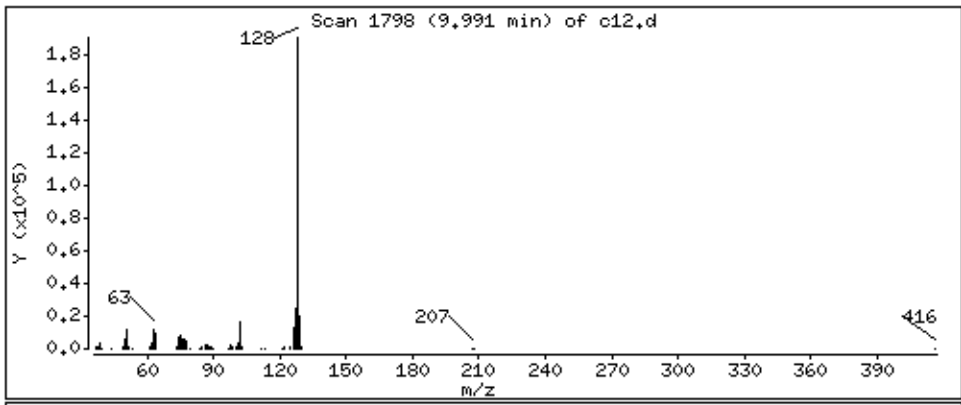
Column phase: DB-624

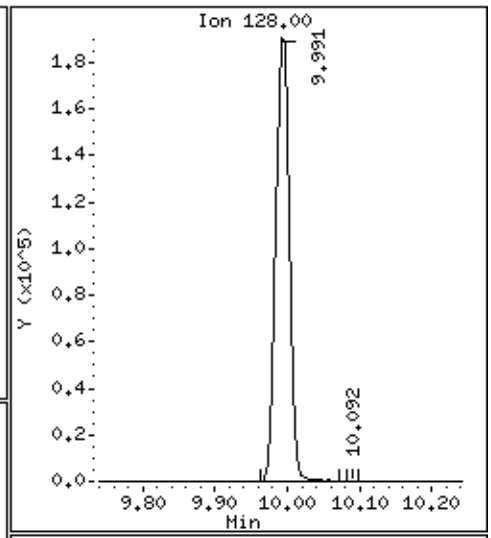
Column diameter: 0.18

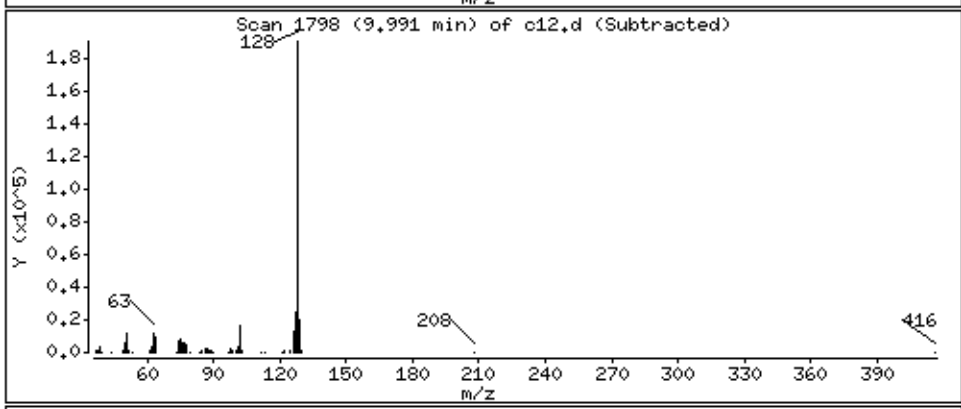
96 Naphthalene

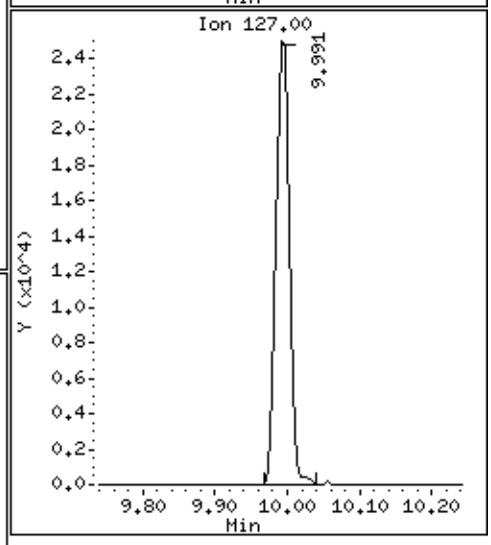
Concentration: 35.3 ppb

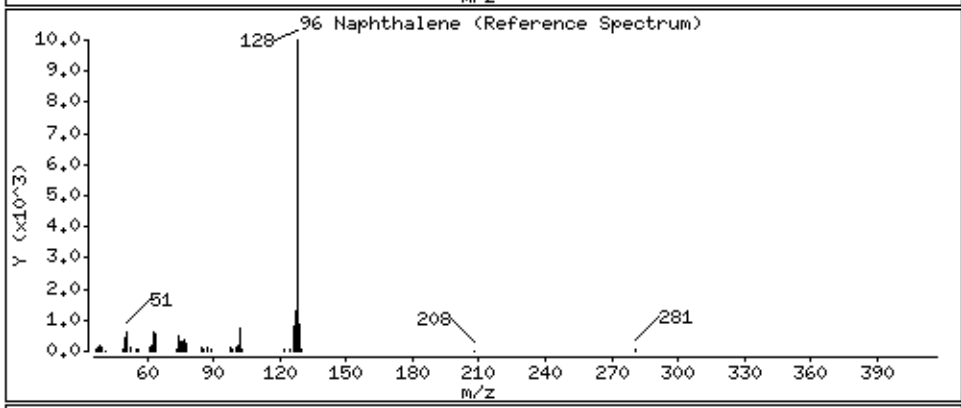
Review Code:

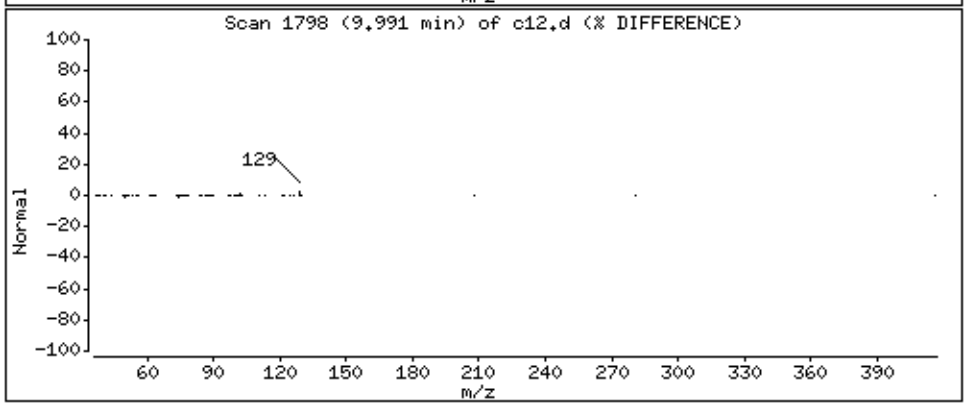












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

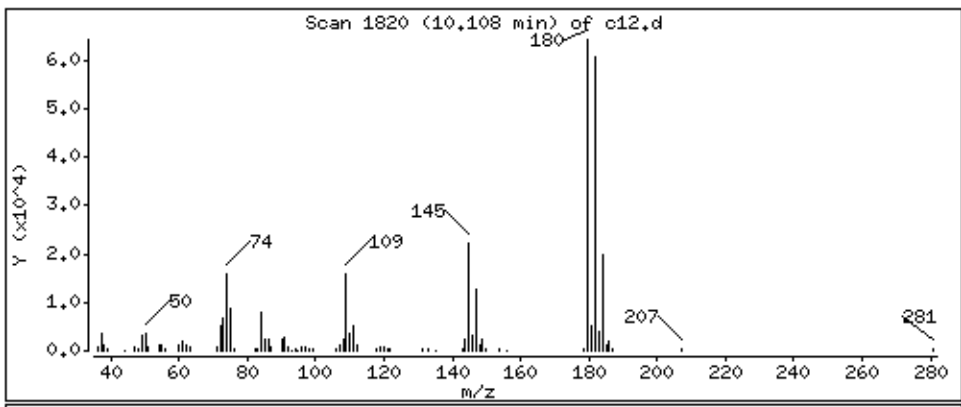
Column phase: DB-624

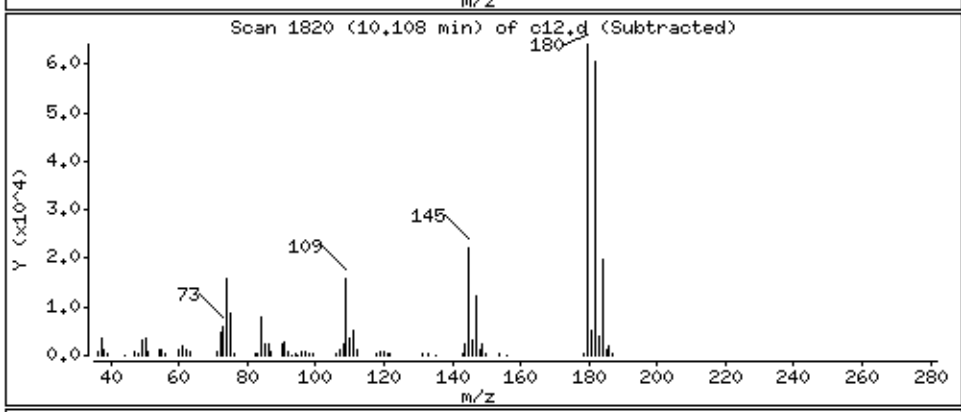
Column diameter: 0.18

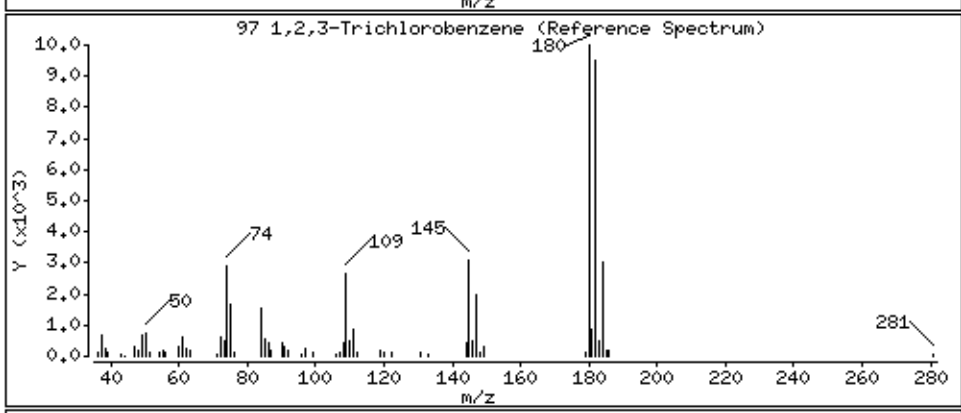
97 1,2,3-Trichlorobenzene

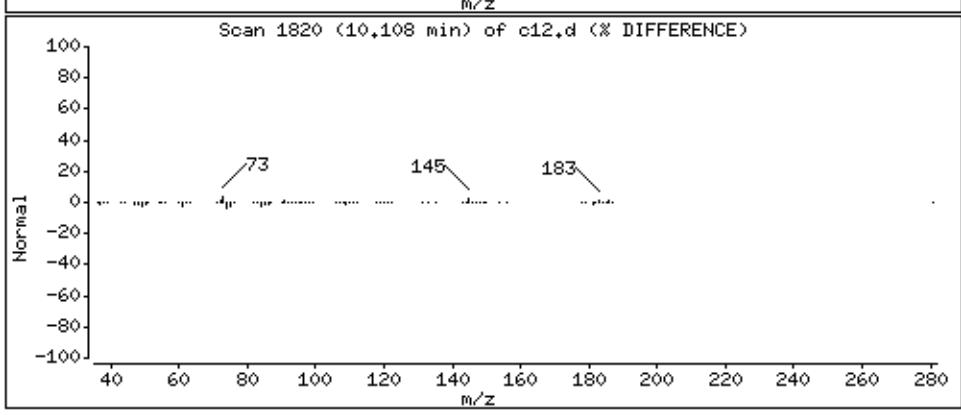
Concentration: 26.0 ppb

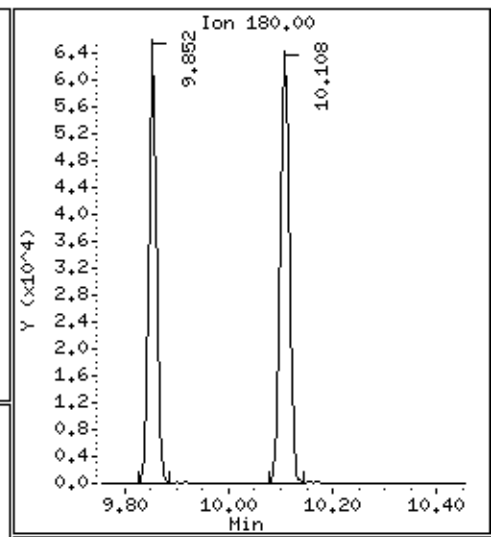
Review Code:

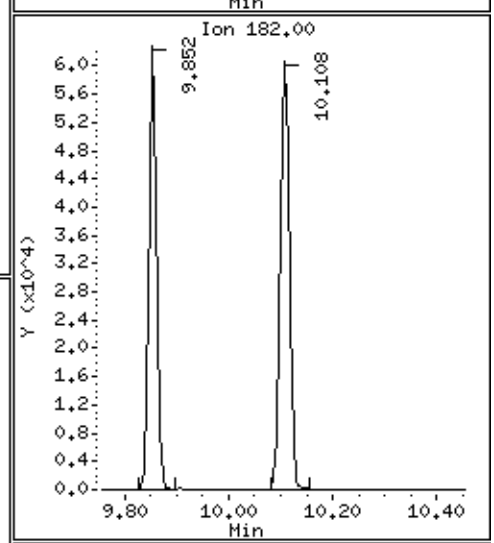


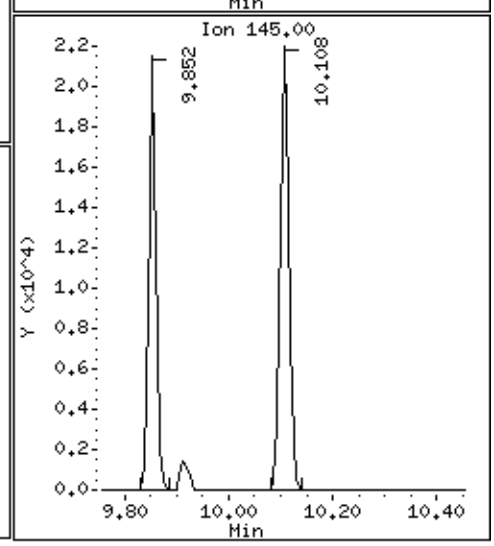












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

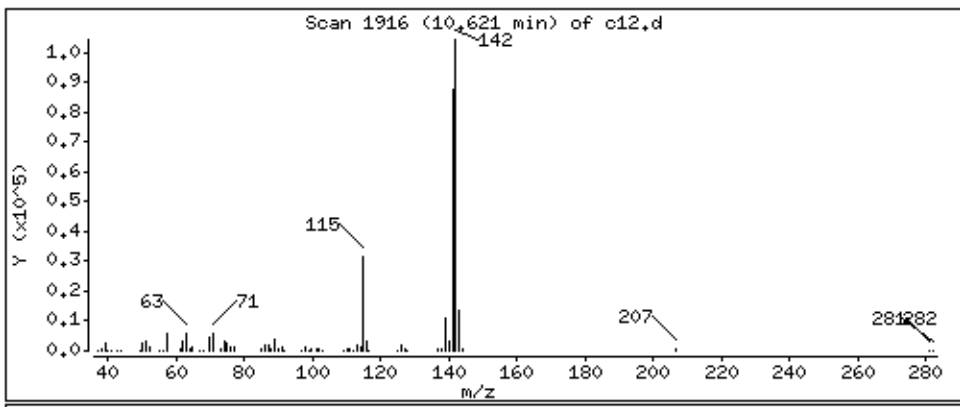
Column phase: DB-624

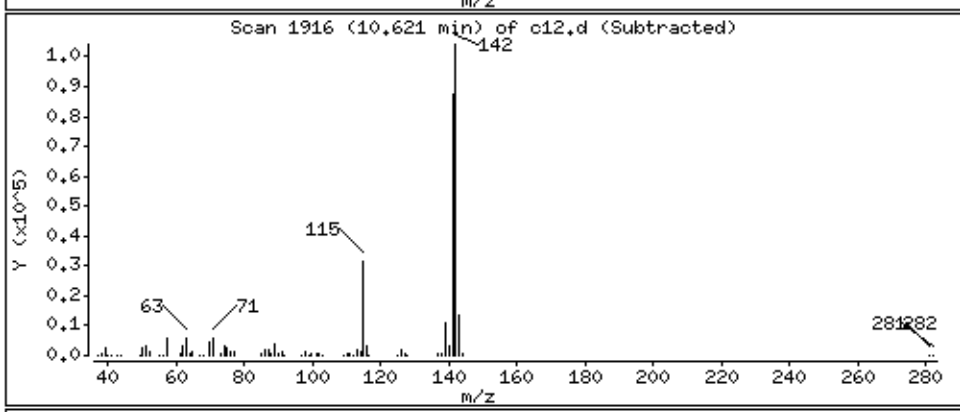
Column diameter: 0.18

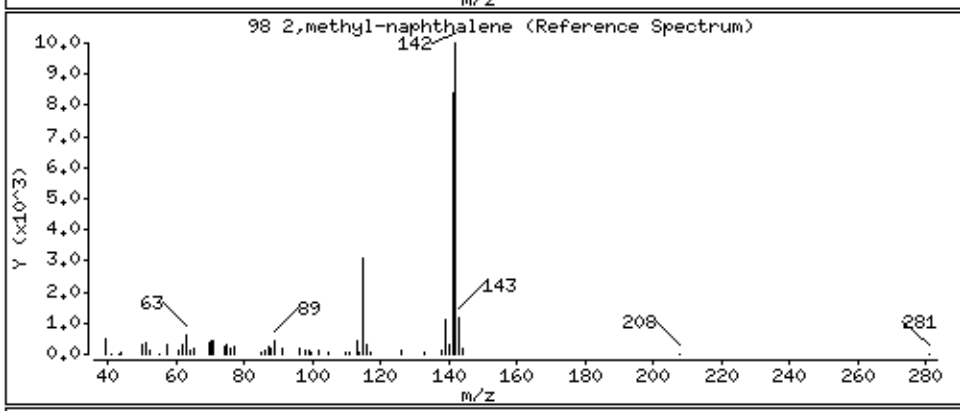
98 2,methyl-naphthalene

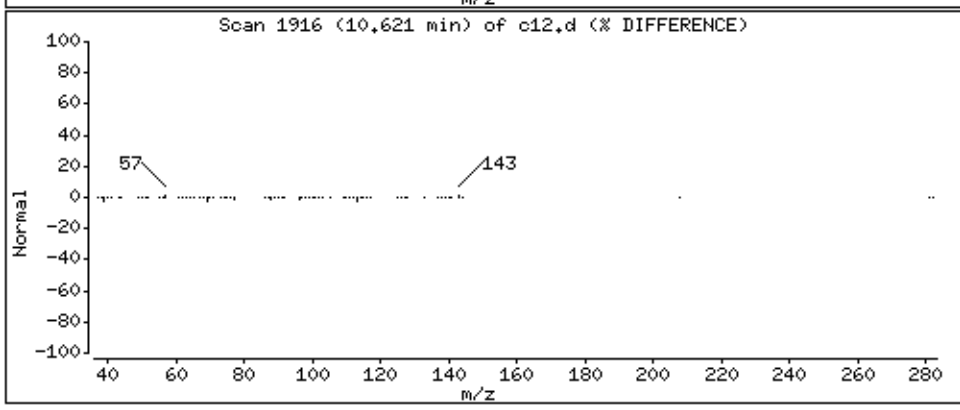
Concentration: 35.0 ppb

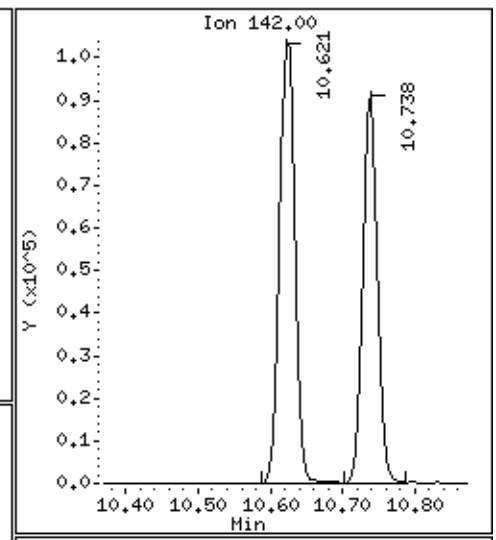
Review Code:

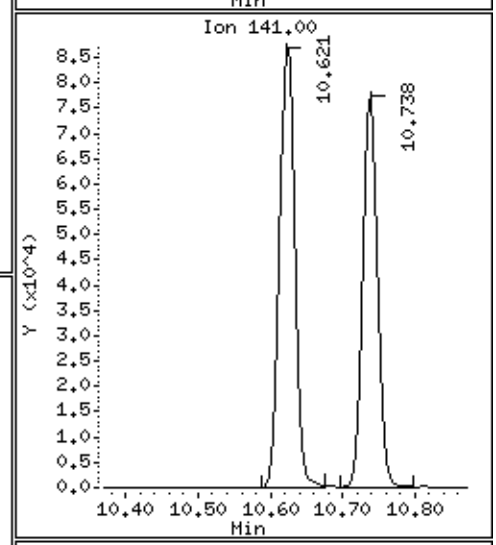


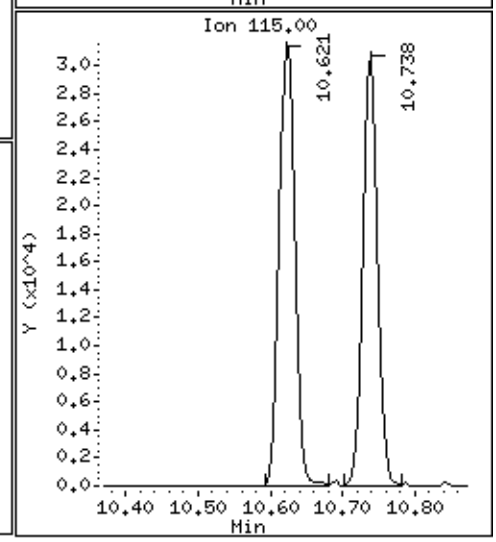












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b\c12.d

Date : 06-OCT-2017 04:16

Client ID: MW-0503-S1 (0-2717)

Instrument: 50mv3a.i

Sample Info: 1882366,159793:5

Purge Volume: 5.0

Operator: jlz

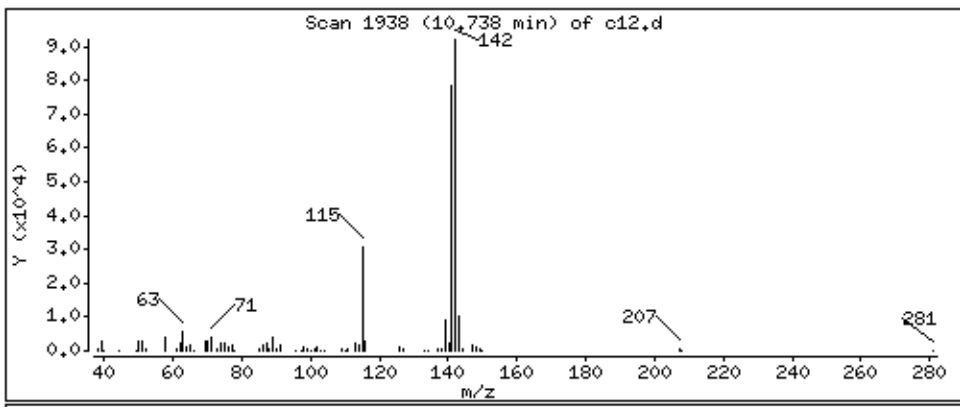
Column phase: DB-624

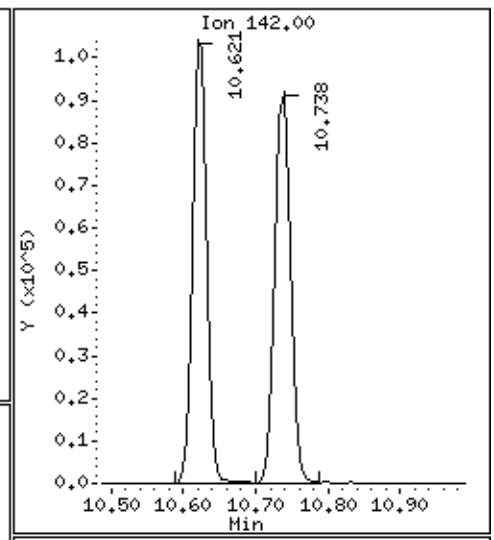
Column diameter: 0.18

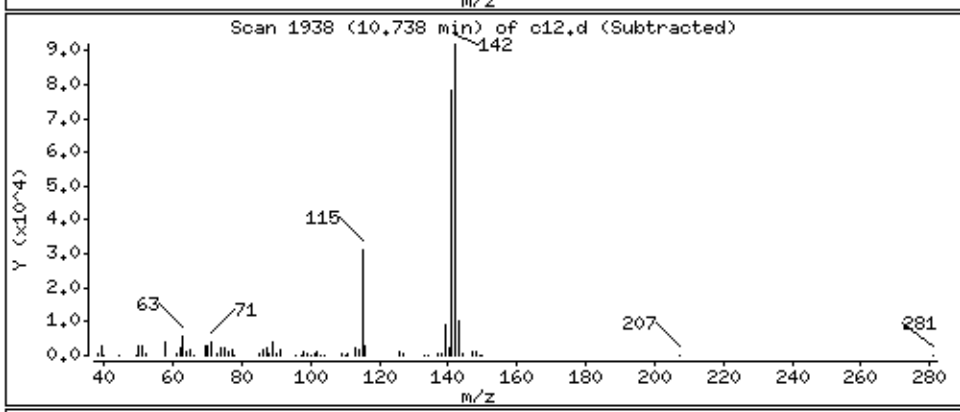
99 1-Methylnaphthalene

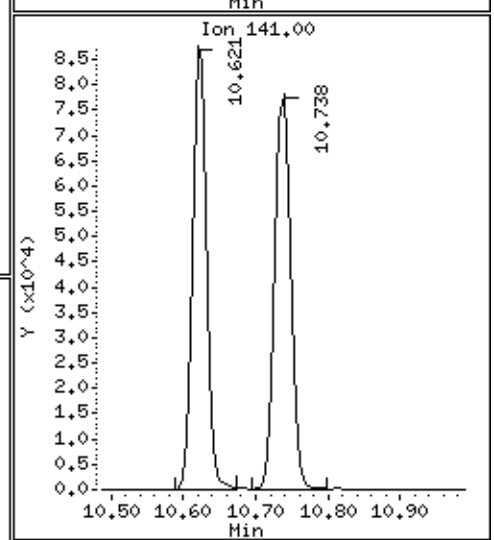
Concentration: 39.0 ppb

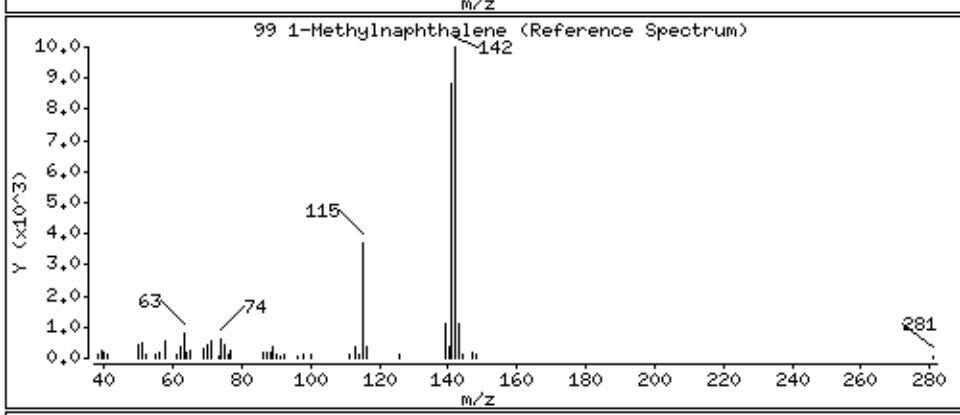
Review Code:

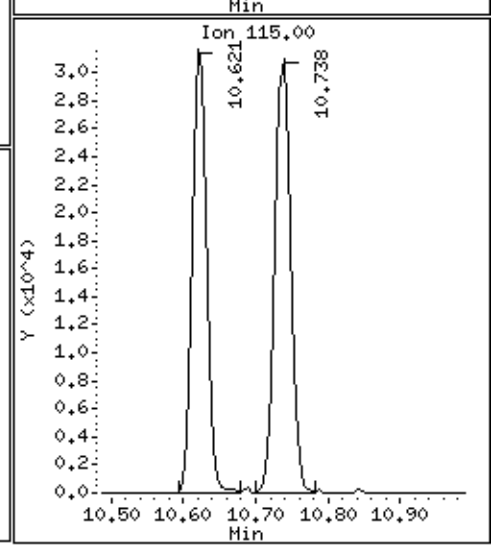


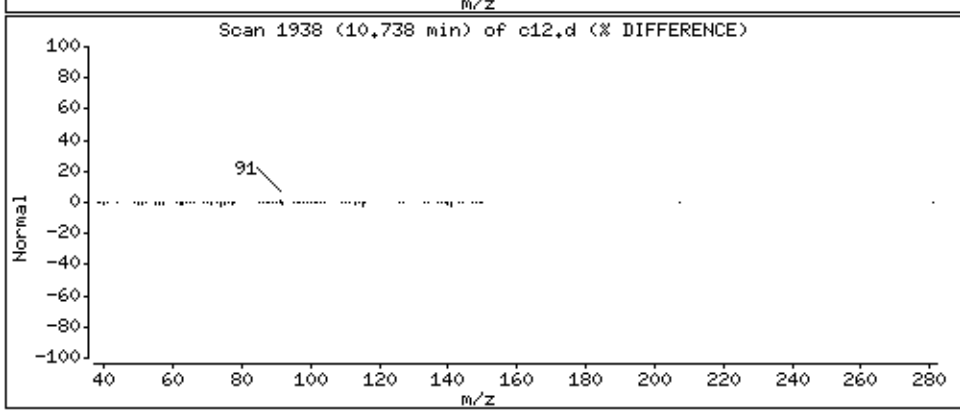












Data File: \\192.168.50.6\chem\50mv3a.i\a100517.b/c12.d
Injection Date: 06-OCT-2017 04:16
Instrument: 50mv3a.i
Lab Sample ID: 1882366
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

BLANK

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:44 Lab Sample ID: 1882368

Date Analyzed: 10/05/2017 23:44 Lab File ID: B100517.B\D03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

BLANK

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:44 Lab Sample ID: 1882368

Date Analyzed: 10/05/2017 23:44 Lab File ID: B100517.B\D03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d
Lab Smp Id: 1882368 Client Smp ID: MB
Inj Date : 05-OCT-2017 23:44
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1882368
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 54 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
	7 Diethyl ether	74	1.471	1.472	(0.353)	1131	1.41844	1.42	
$	35 Dibromofluoromethane (S)	113	3.335	3.330	(0.801)	66257	48.7083	48.7	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	282464	50.0000		
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	291825	50.2004	50.2	
	56 Toluene	91	6.091	6.081	(0.830)	4302	0.51708	0.517	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	220229	50.0000		
$	74 4-Bromofluorobenzene (S)	95	8.153	8.153	(1.111)	102028	46.7133	46.7	
	81 1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	1717	0.19465	0.195	
	84 1,2,4-Trimethylbenzene	105	8.634	8.629	(0.978)	2235	0.24929	0.249	
*	88 1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	115398	50.0000		
	89 1,4-Dichlorobenzene	146	8.847	8.848	(1.002)	1736	0.39397	0.394(Q)	
	90 n-Butylbenzene	91	9.029	9.024	(1.022)	3718	0.39122	0.391	
	95 Naphthalene	128	9.995	9.991	(1.132)	5977	1.26849	1.27	
	97 2,methyl-naphthalene	142	10.620	10.621	(1.203)	8223	3.05669	3.06	
	98 1-Methylnaphthalene	142	10.738	10.738	(1.216)	6403	3.07325	3.07	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

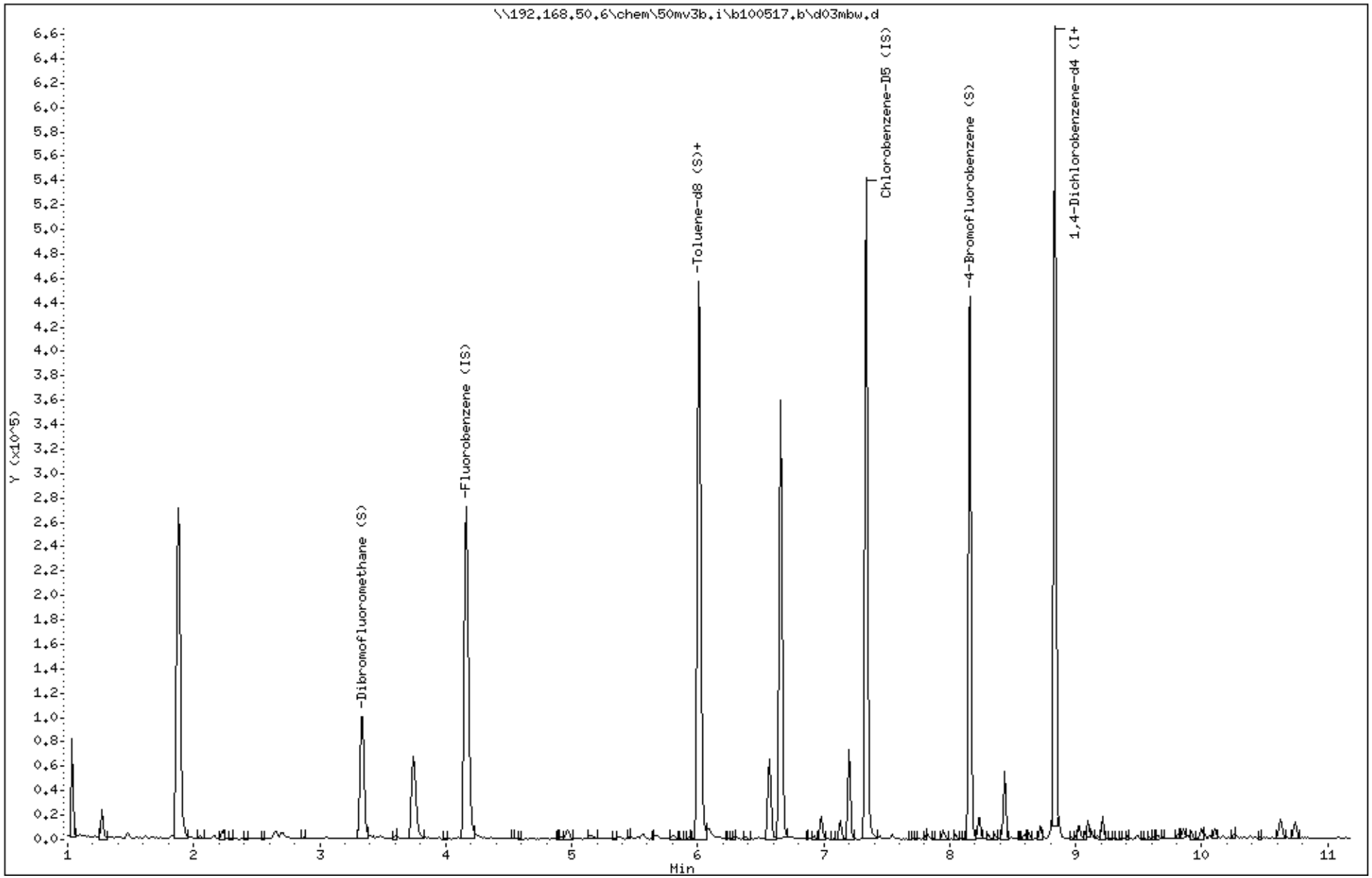
QC Flag Legend

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d
Date : 05-OCT-2017 23:44
Client ID: MB
Sample Info: 1882368
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

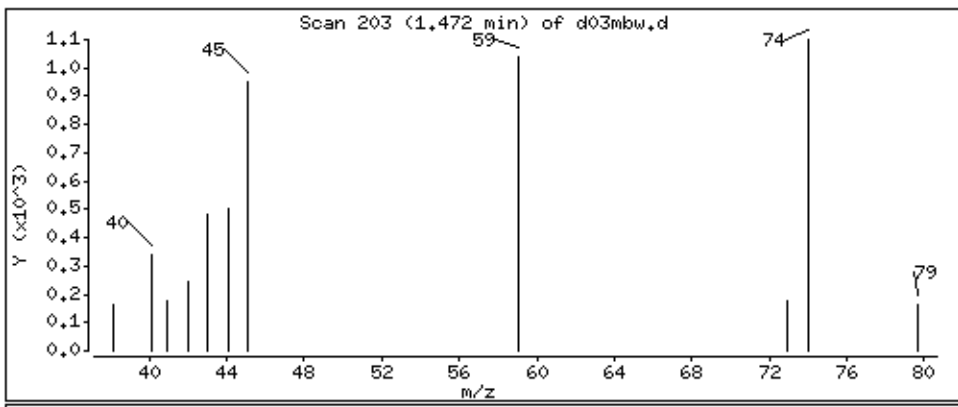
Column phase: DB-624

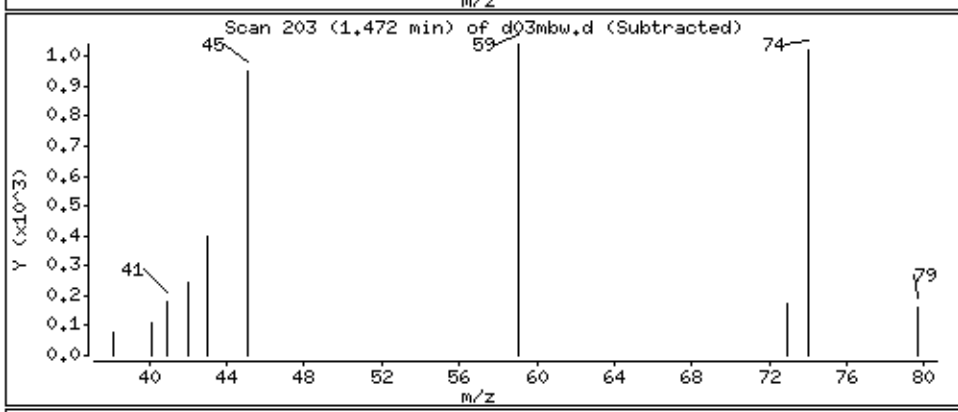
Column diameter: 0.18

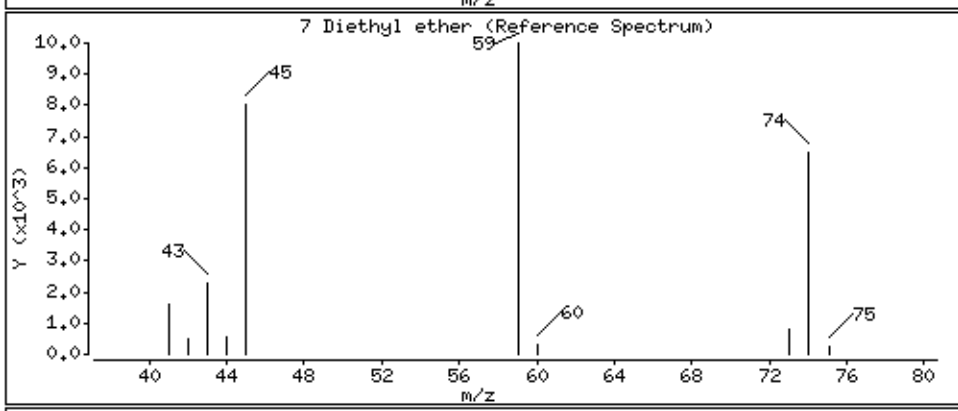
7 Diethyl ether

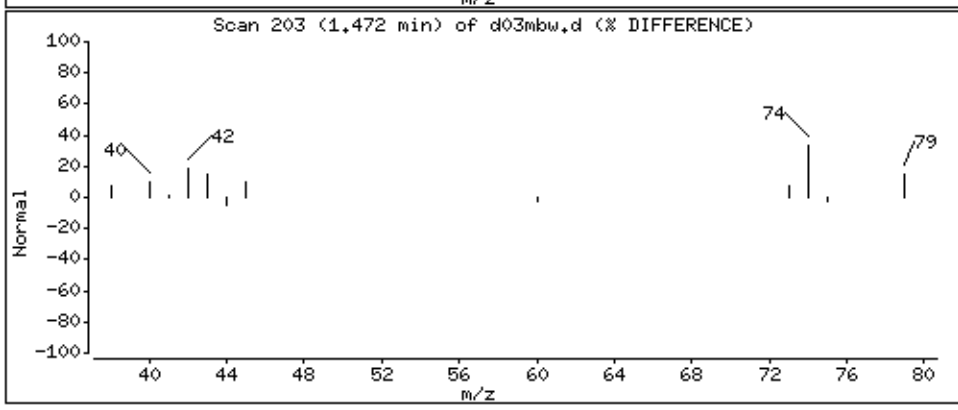
Concentration: 1.42 ppb

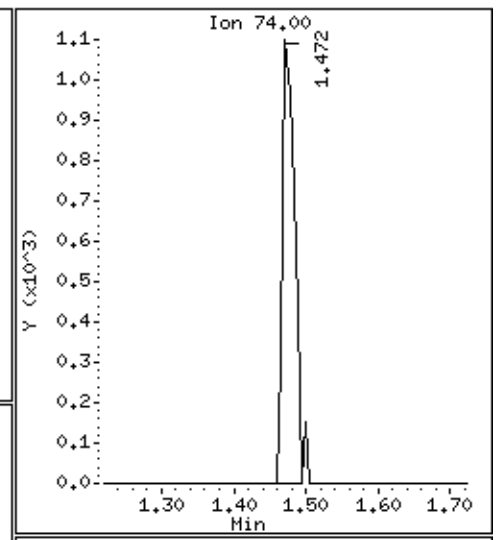
Review Code:

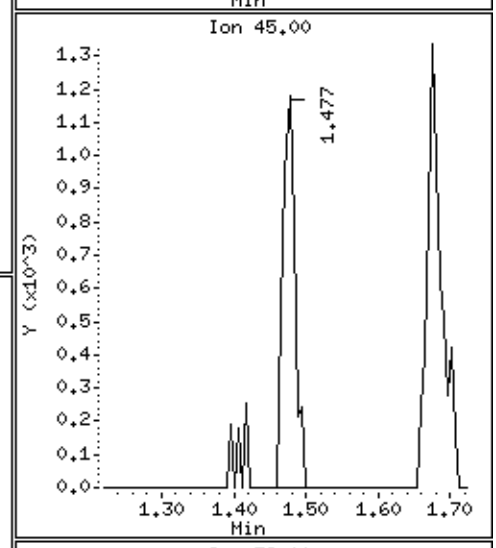


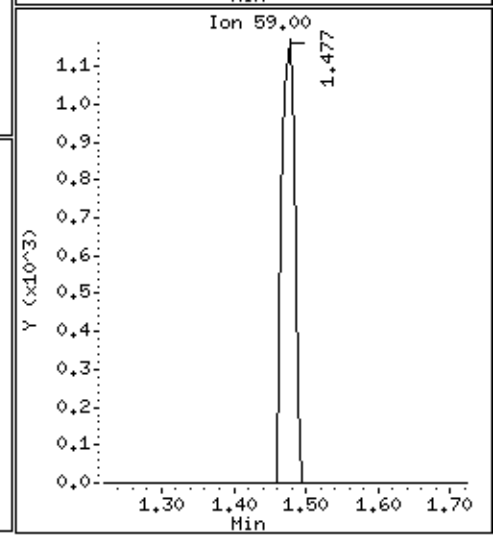












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

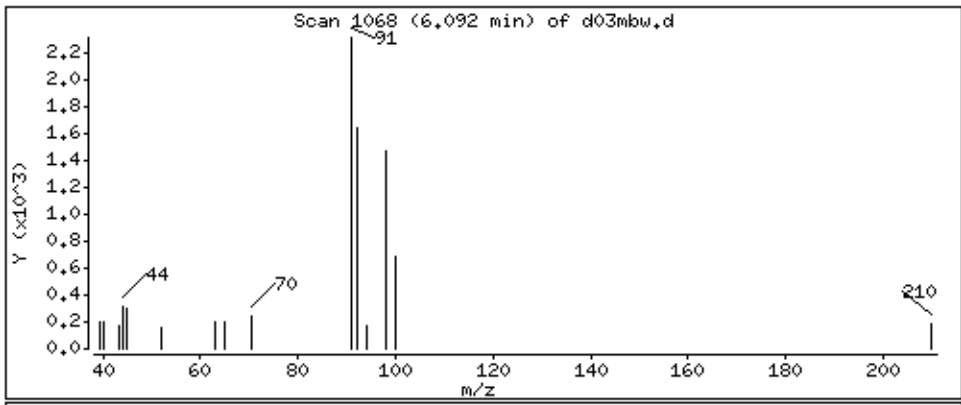
Column phase: DB-624

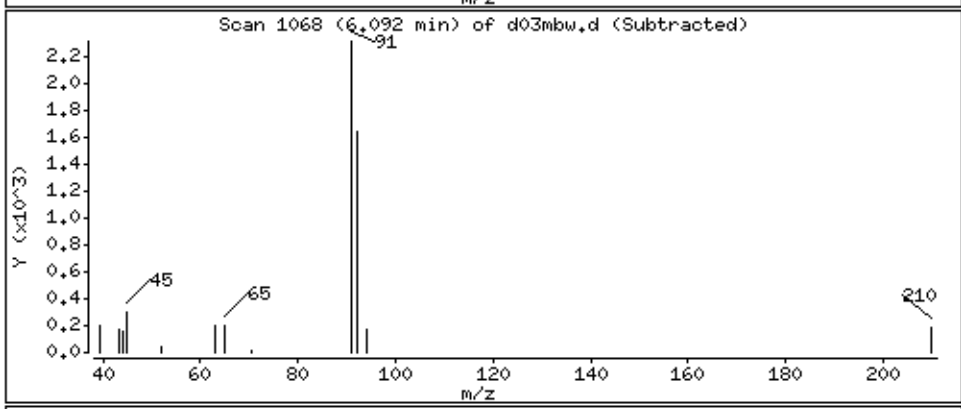
Column diameter: 0.18

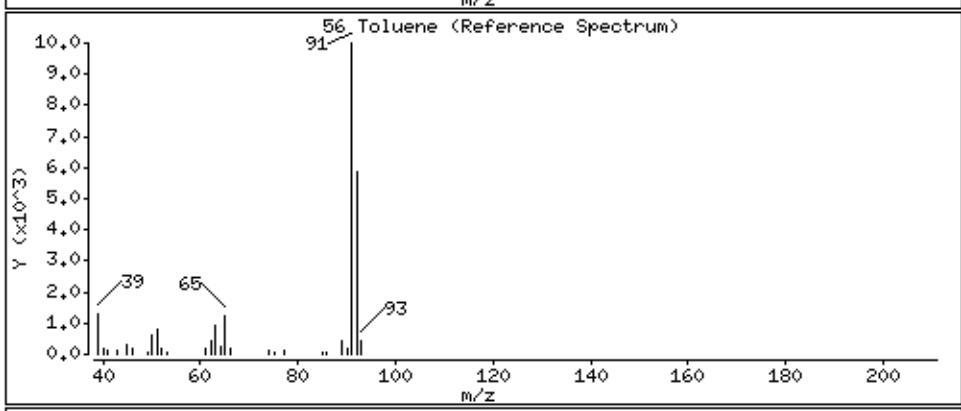
56 Toluene

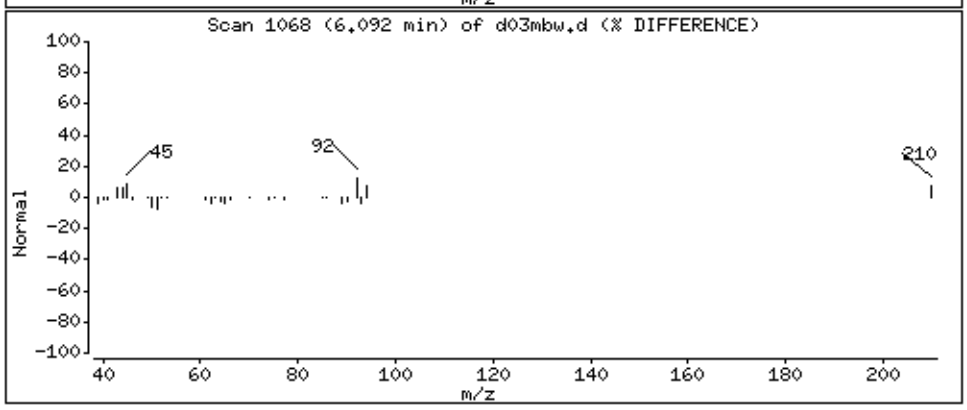
Concentration: 0.517 ppb

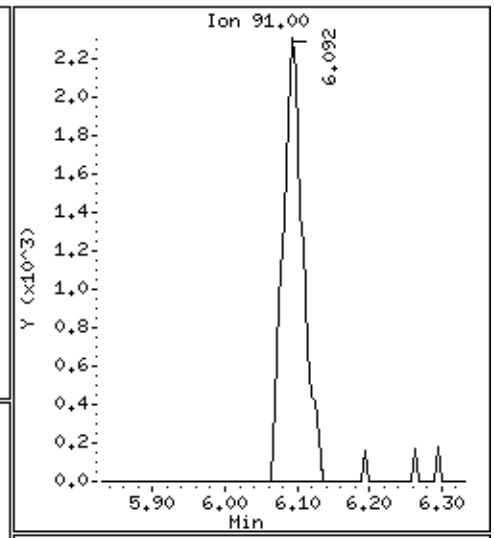
Review Code:

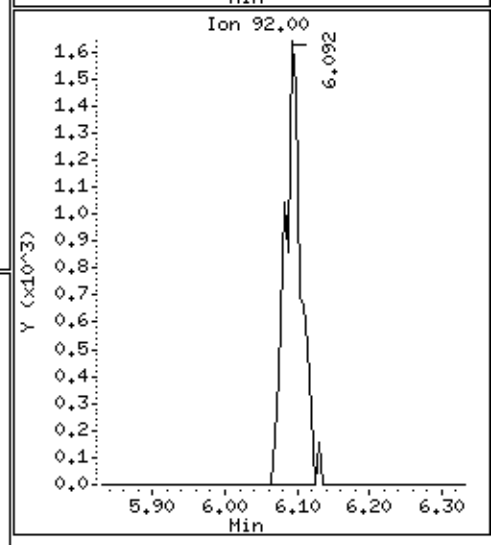












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

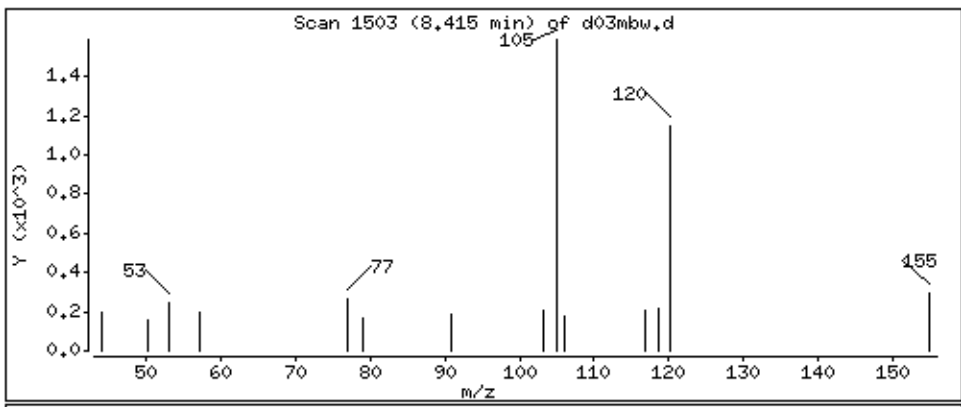
Column phase: DB-624

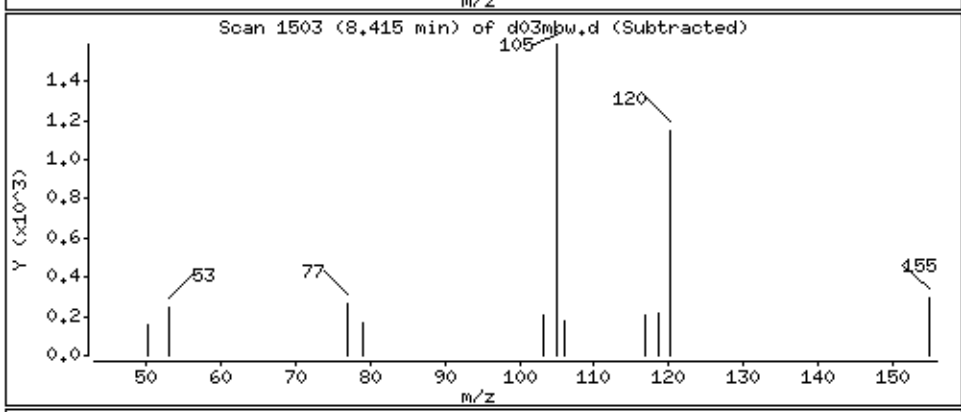
Column diameter: 0.18

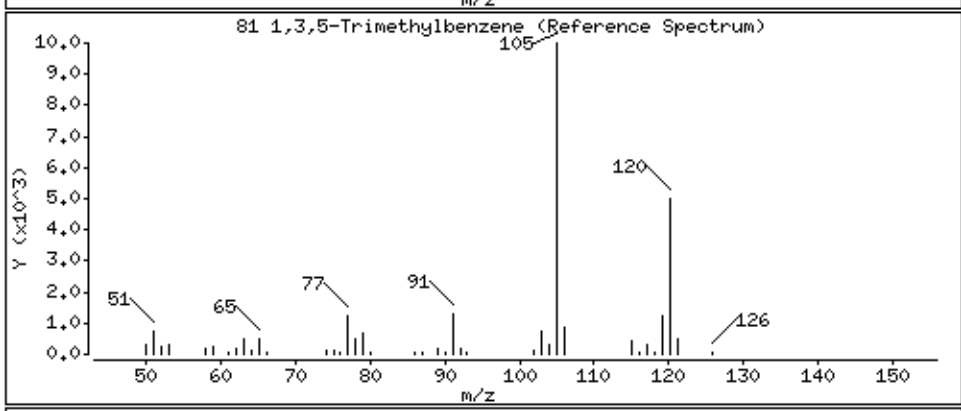
81 1,3,5-Trimethylbenzene

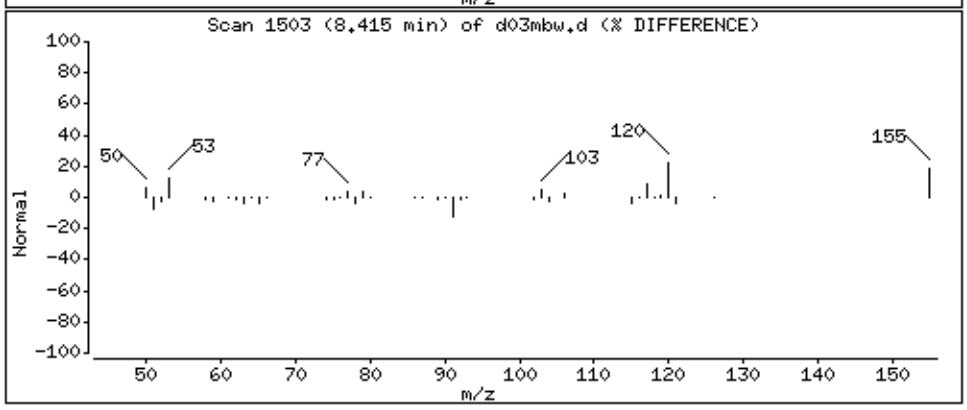
Concentration: 0.195 ppb

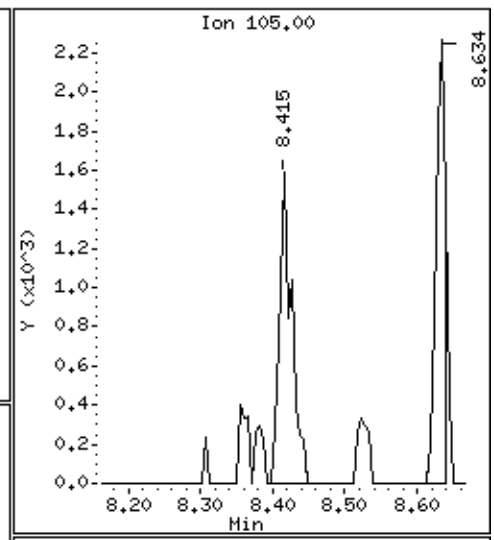
Review Code:

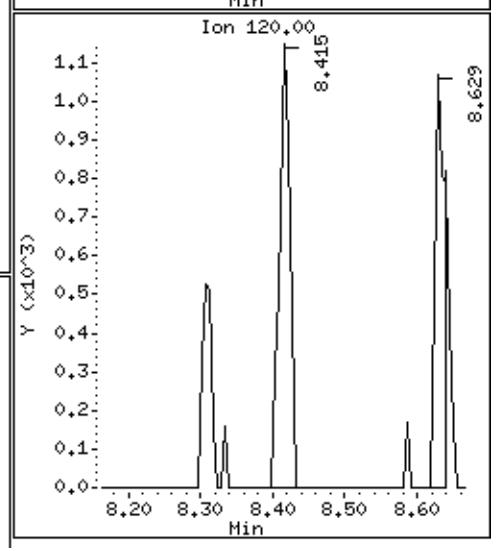












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

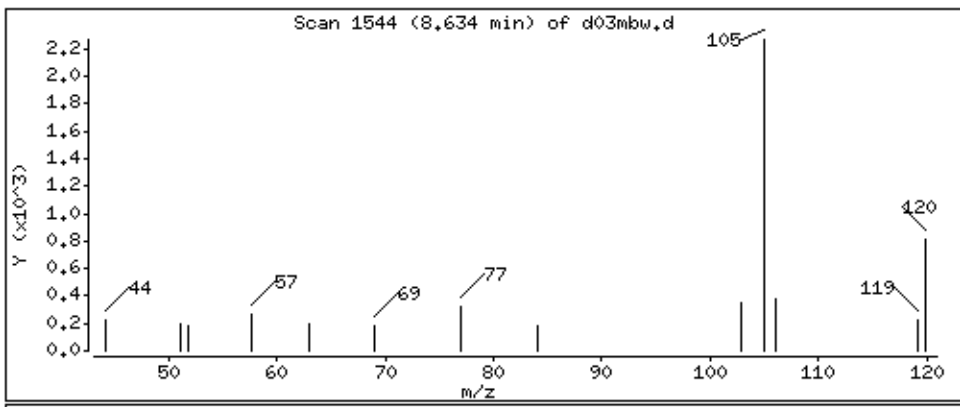
Column phase: DB-624

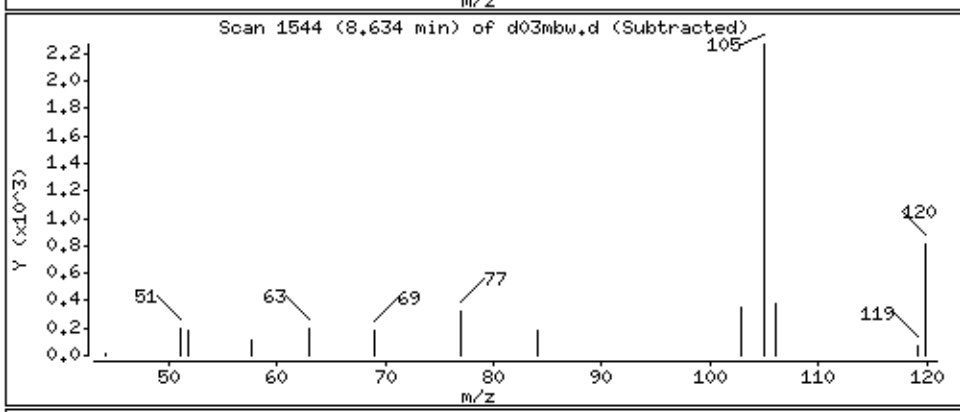
Column diameter: 0.18

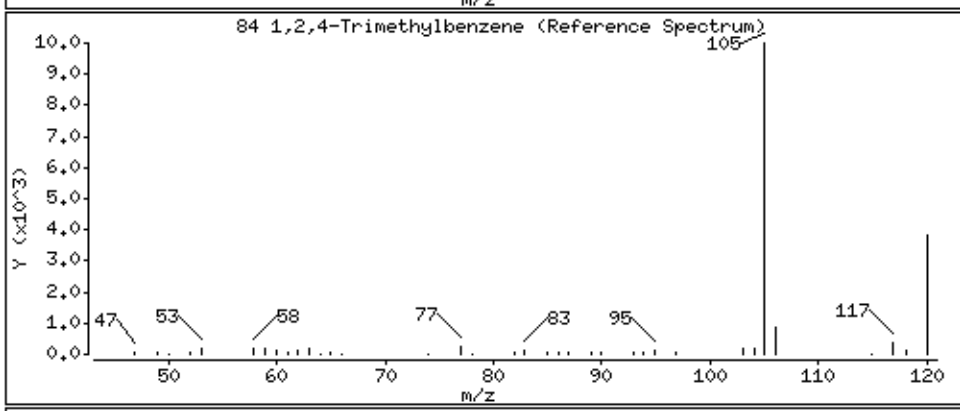
84 1,2,4-Trimethylbenzene

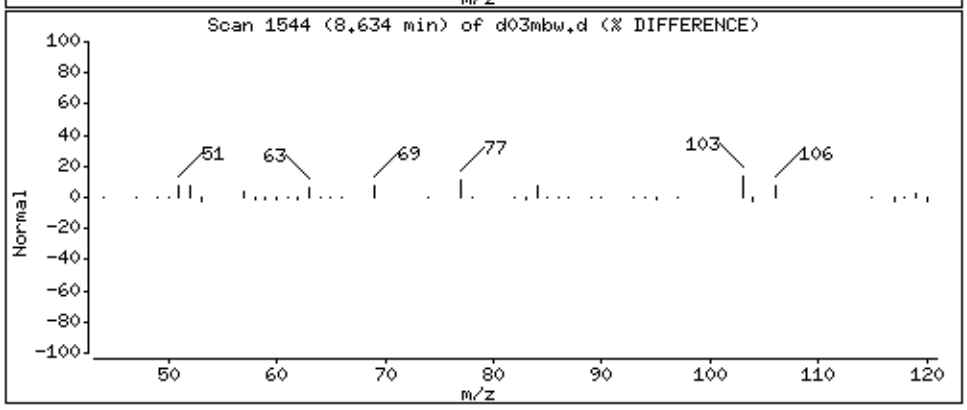
Concentration: 0.249 ppb

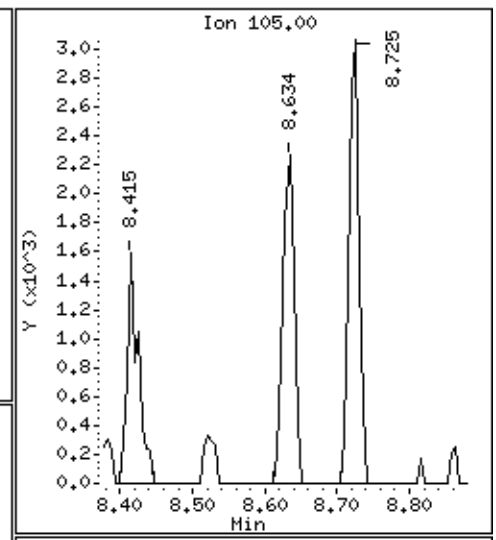
Review Code:

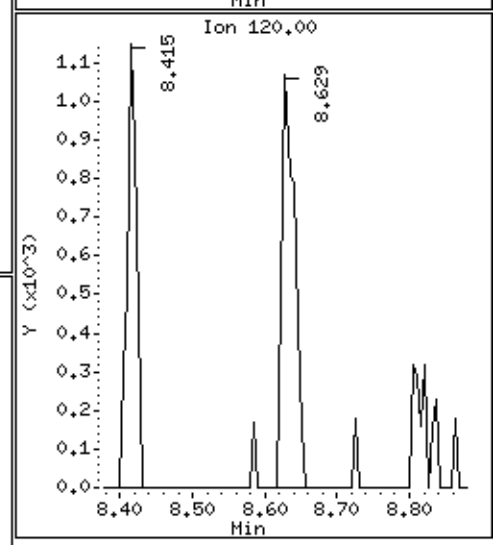












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Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

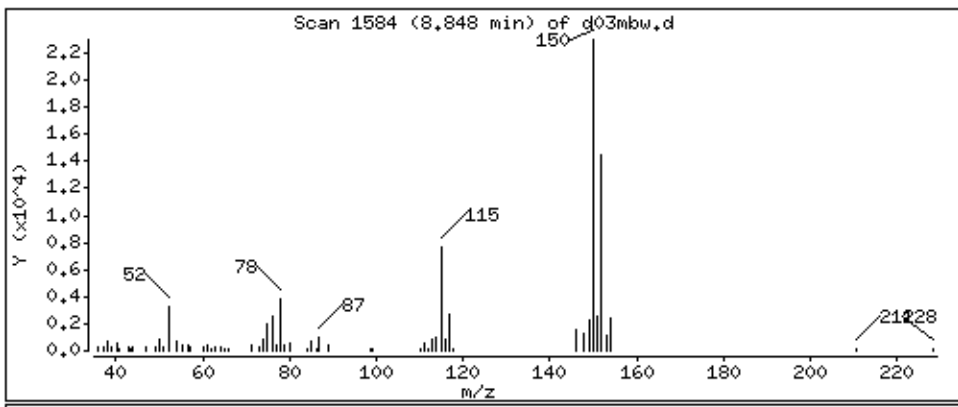
Column phase: DB-624

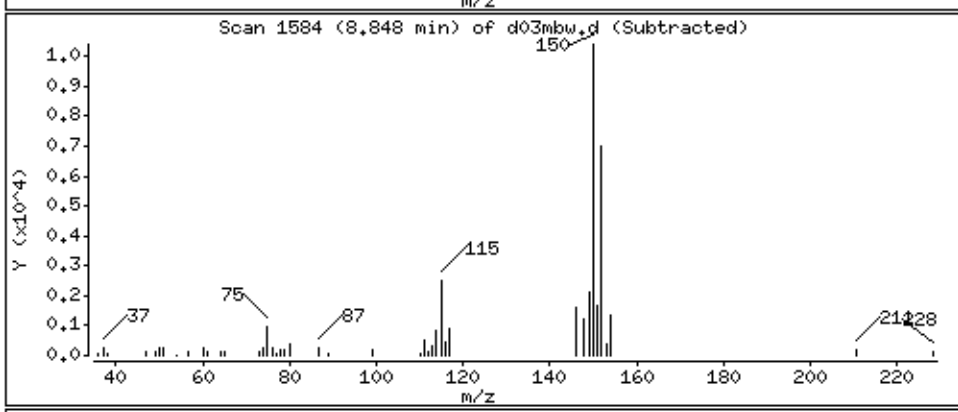
Column diameter: 0.18

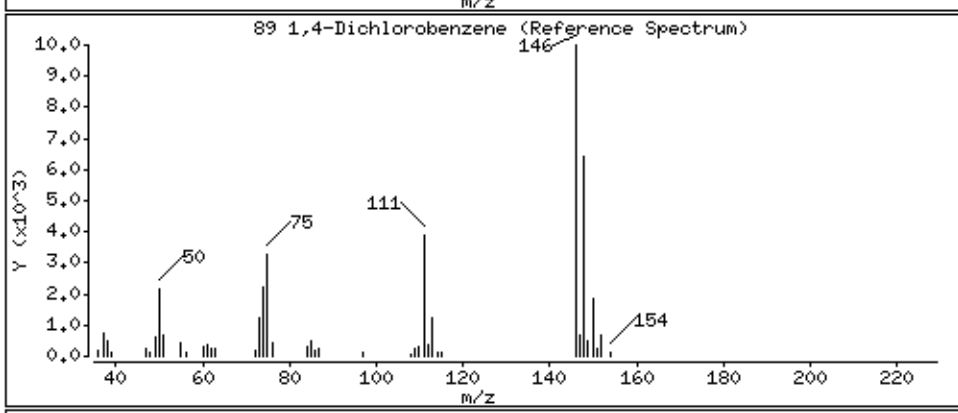
89 1,4-Dichlorobenzene

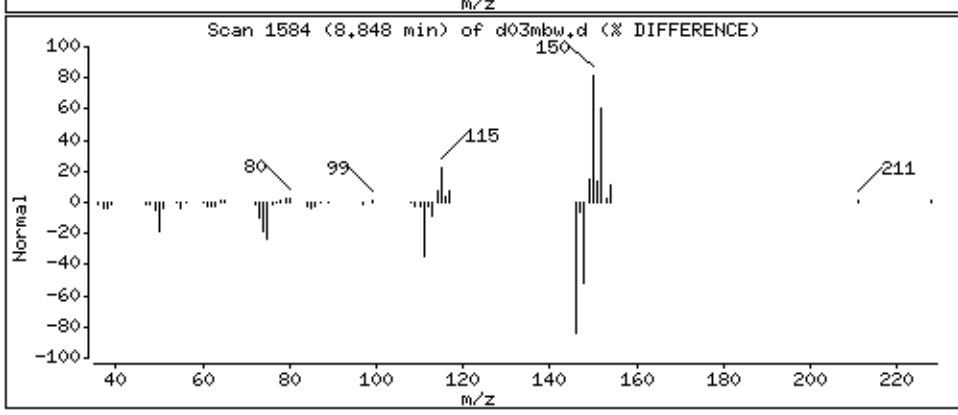
Concentration: 0.394 ppb

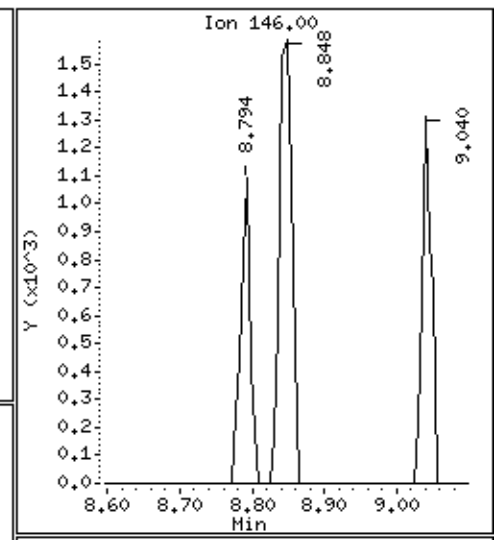
Review Code:

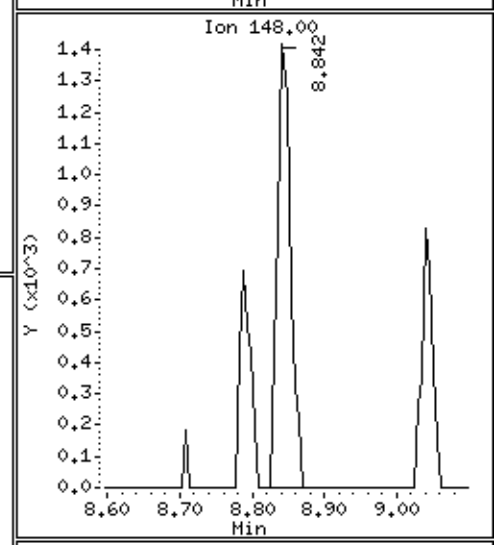


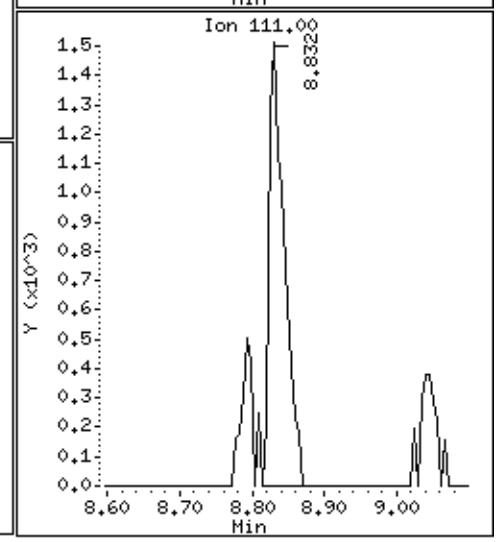












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

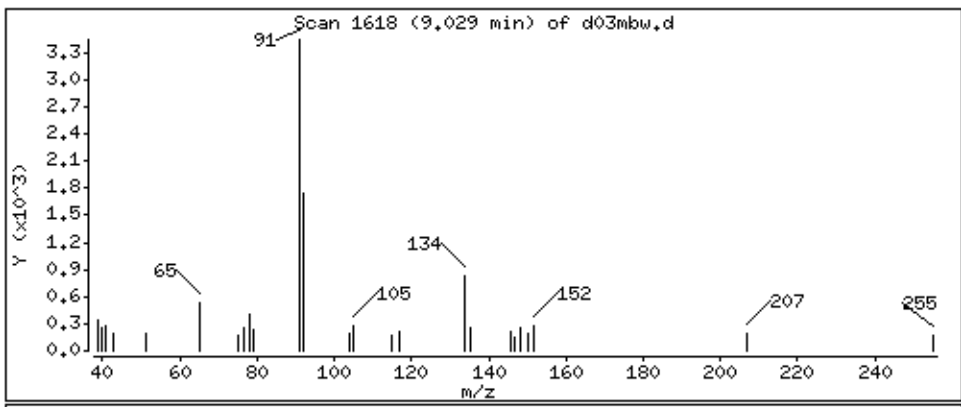
Column phase: DB-624

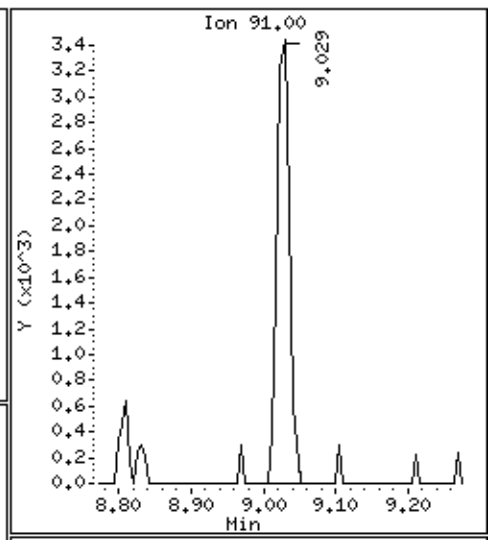
Column diameter: 0.18

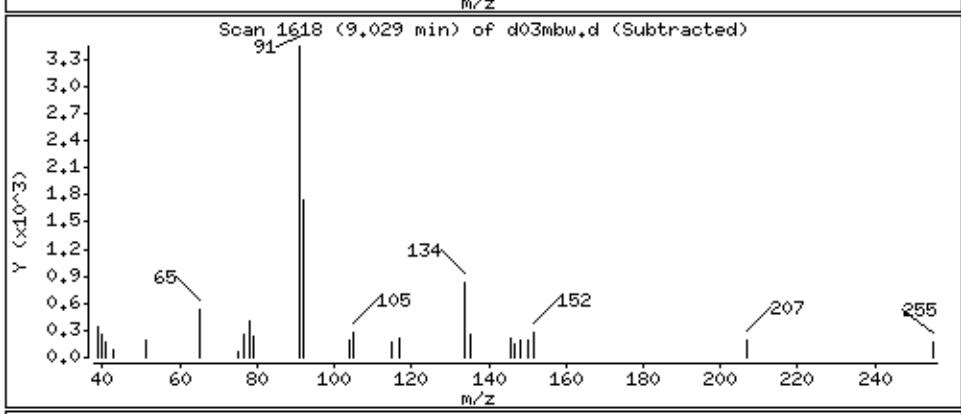
90 n-Butylbenzene

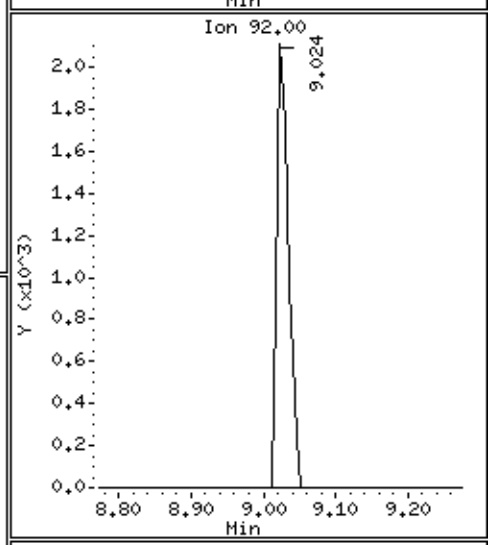
Concentration: 0.391 ppb

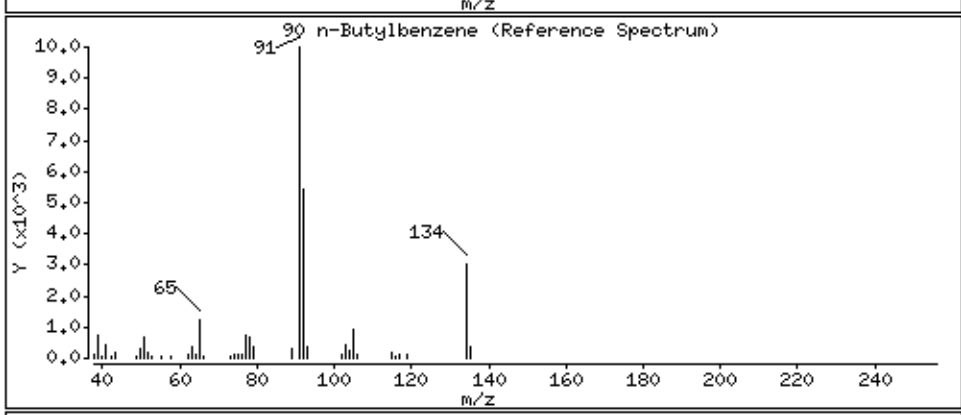
Review Code:

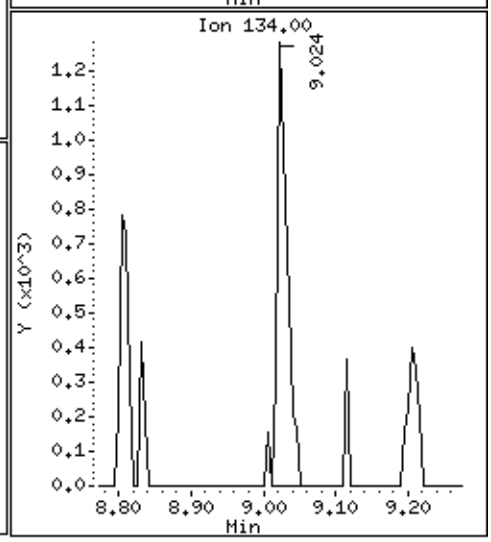


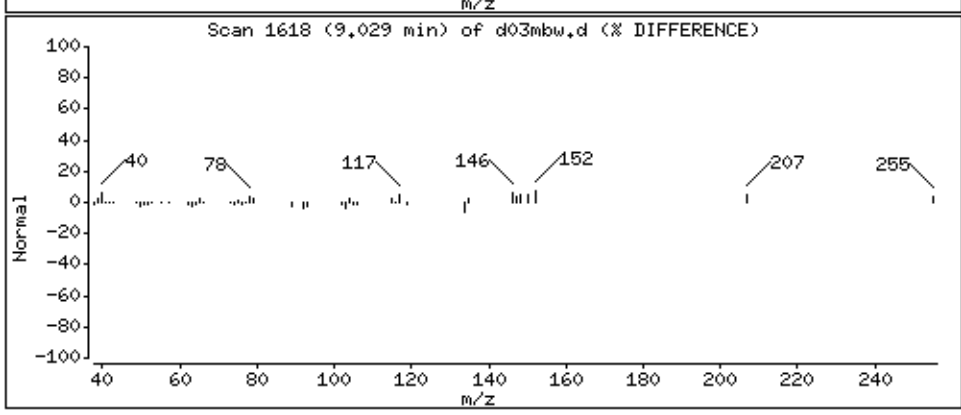












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Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

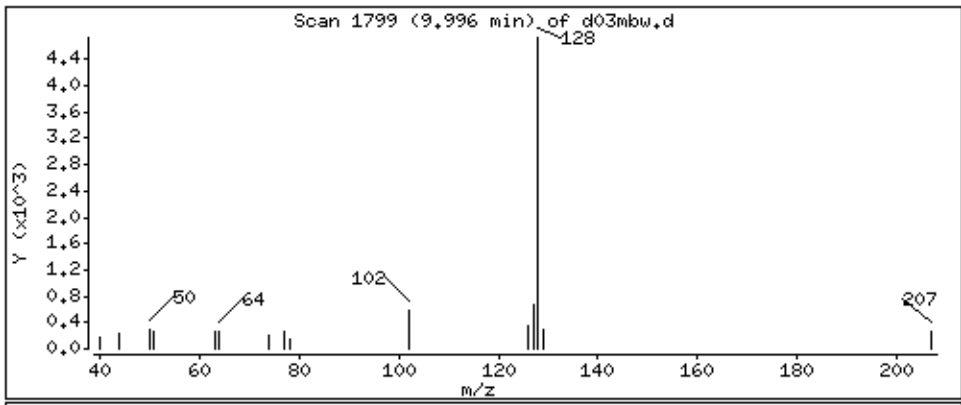
Column phase: DB-624

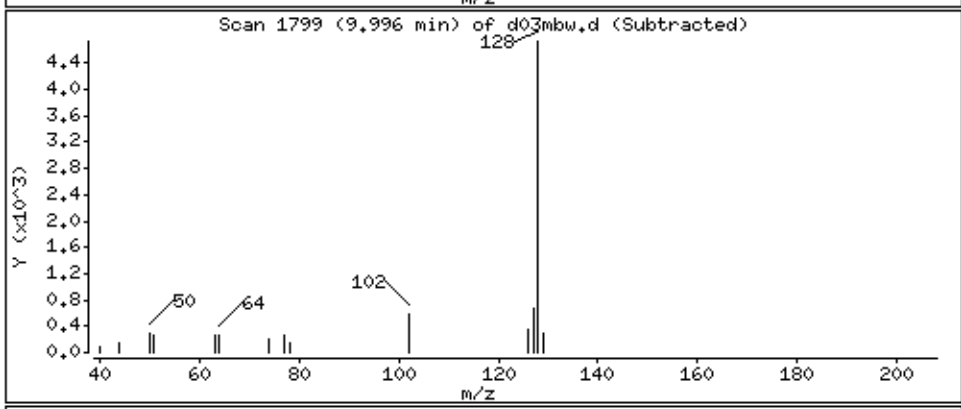
Column diameter: 0.18

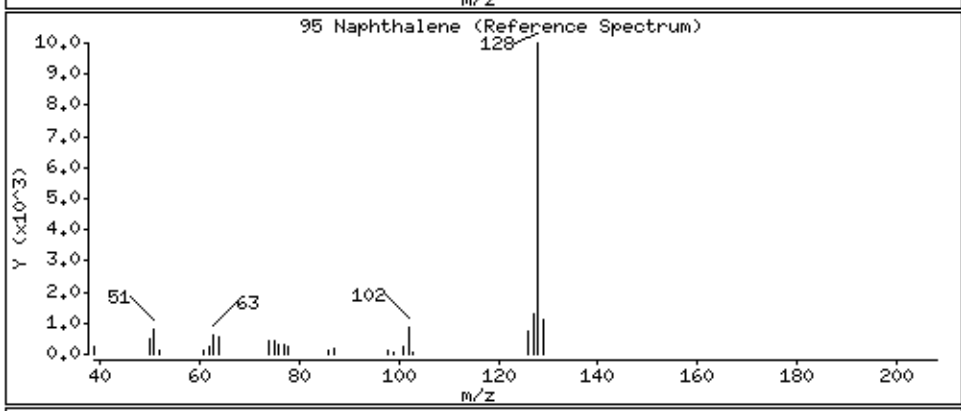
95 Naphthalene

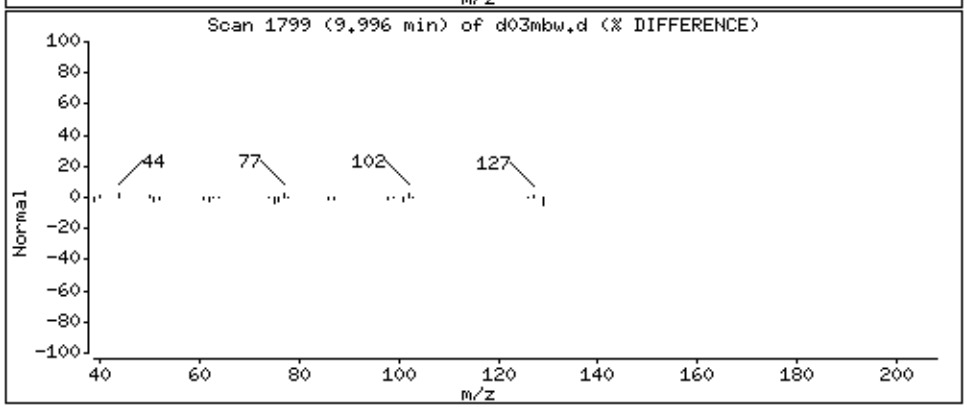
Concentration: 1.27 ppb

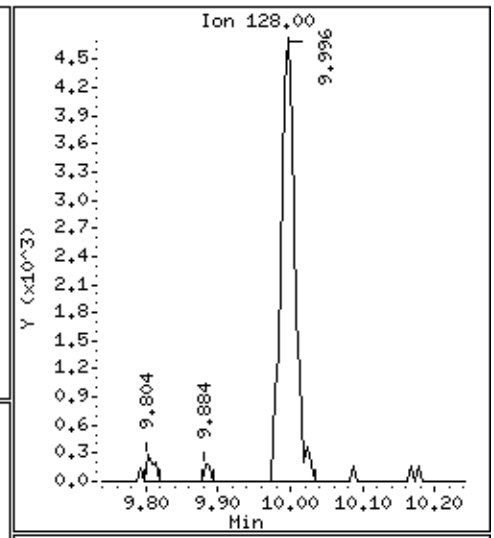
Review Code:

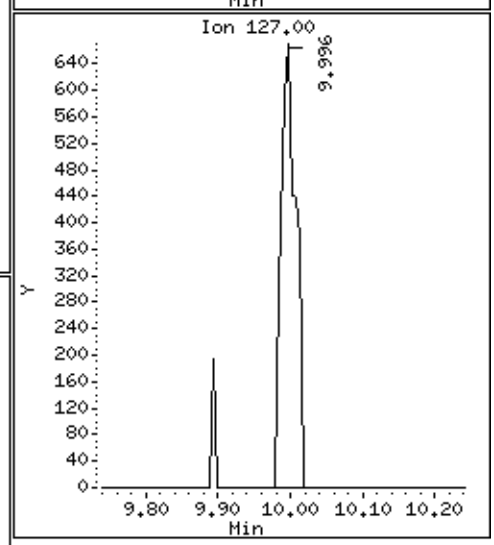












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d03mbw.d

Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

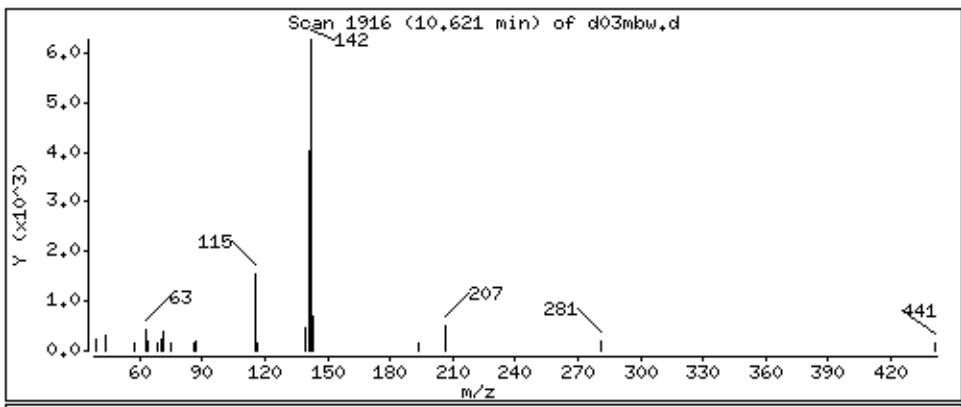
Column phase: DB-624

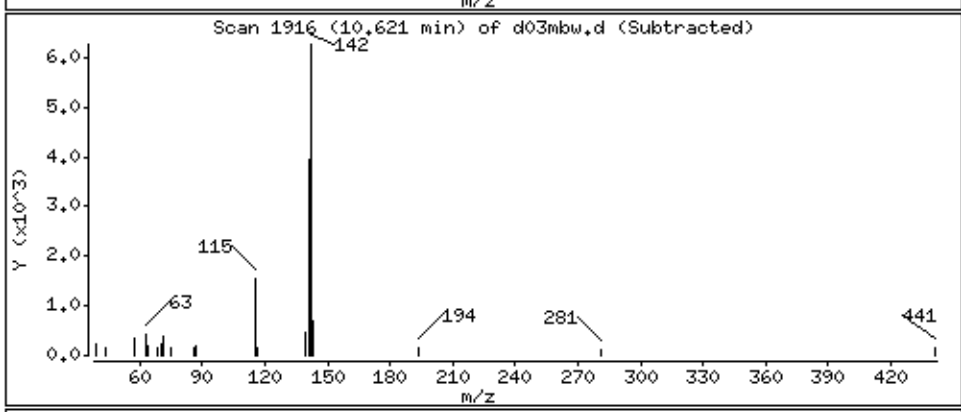
Column diameter: 0.18

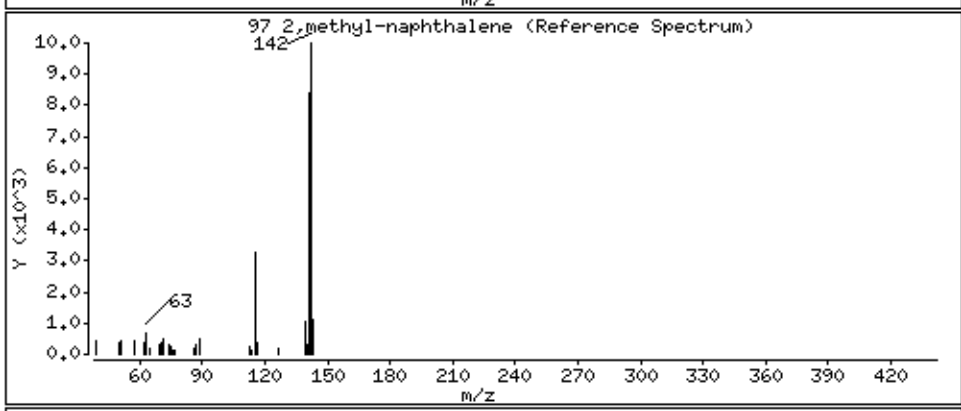
97 2,methyl-naphthalene

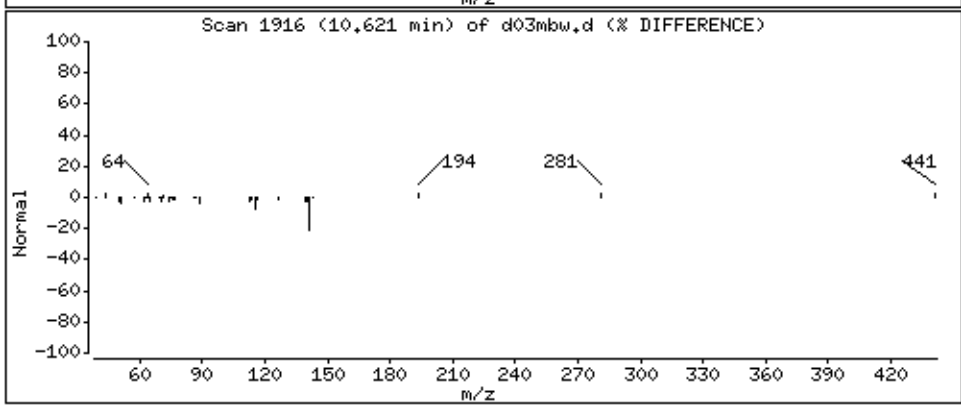
Concentration: 3.06 ppb

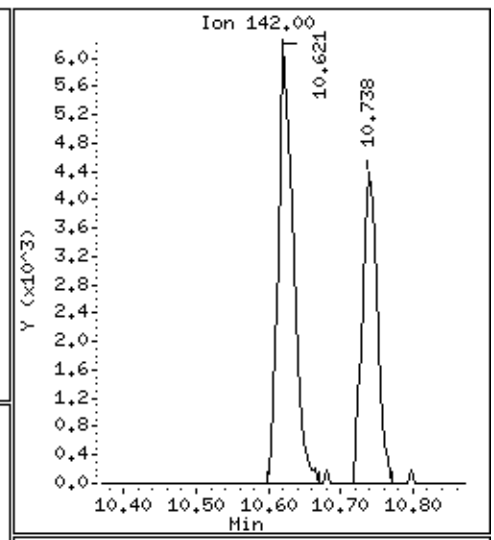
Review Code:

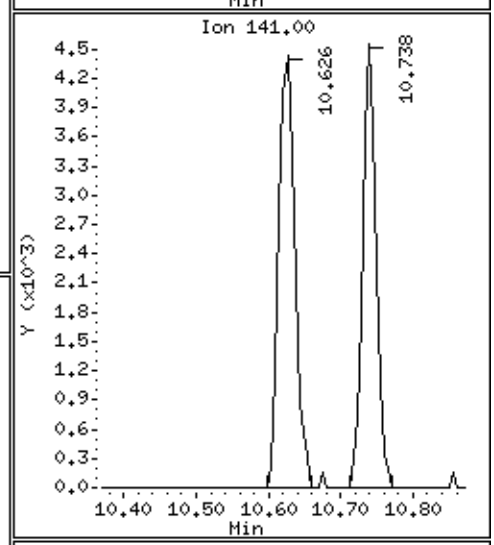


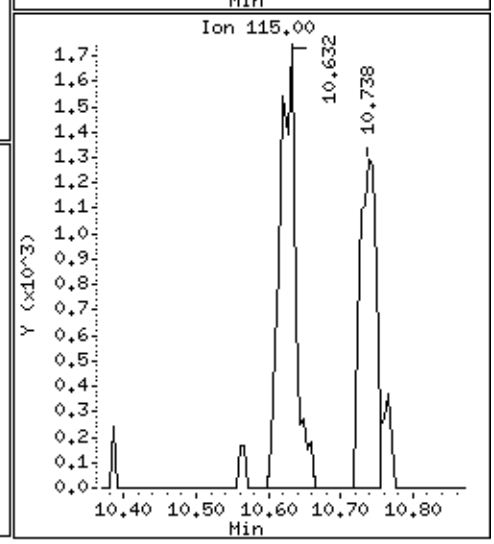












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Date : 05-OCT-2017 23:44

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1882368

Purge Volume: 5.0

Operator: jlz

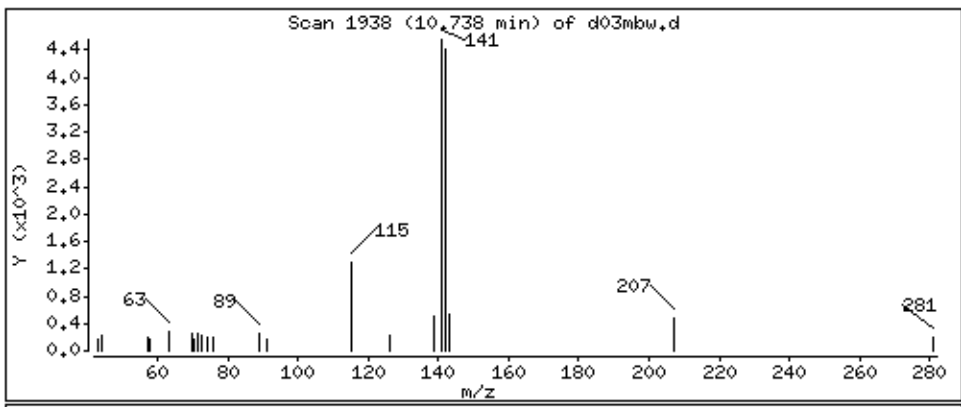
Column phase: DB-624

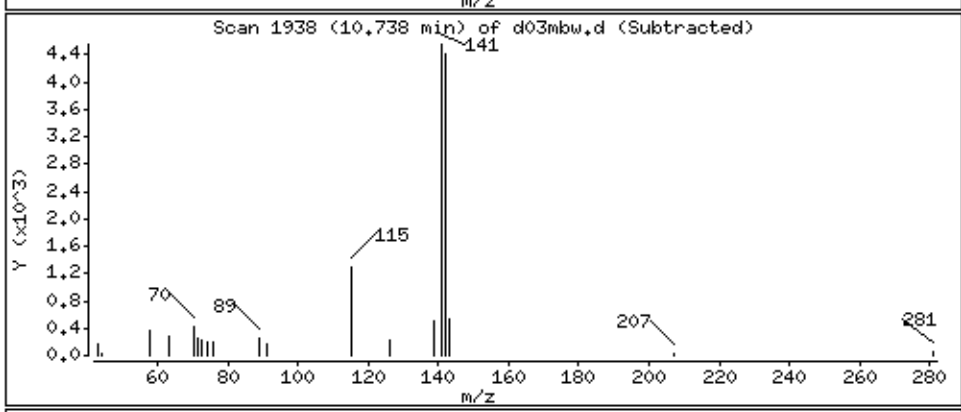
Column diameter: 0.18

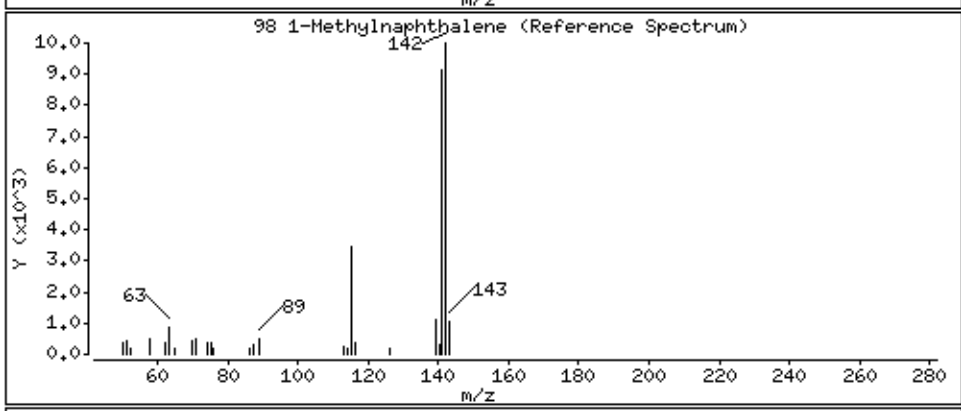
98 1-Methylnaphthalene

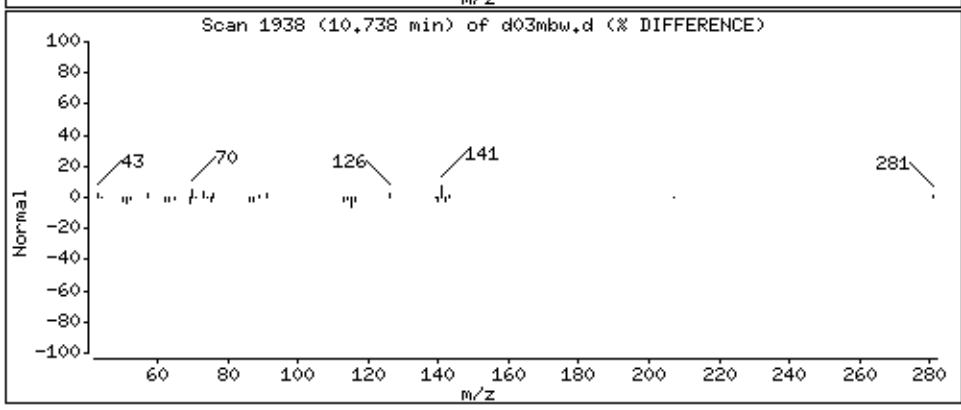
Concentration: 3.07 ppb

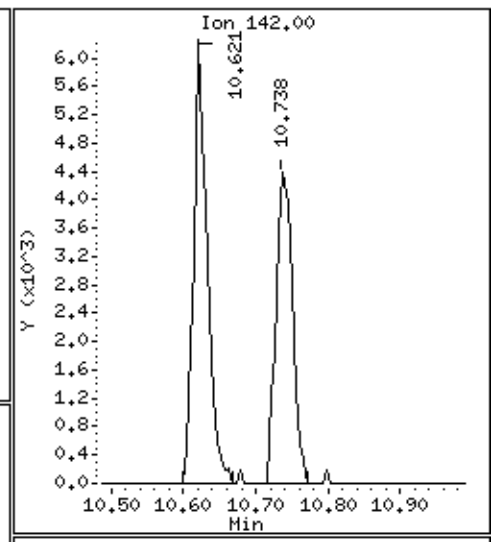
Review Code:

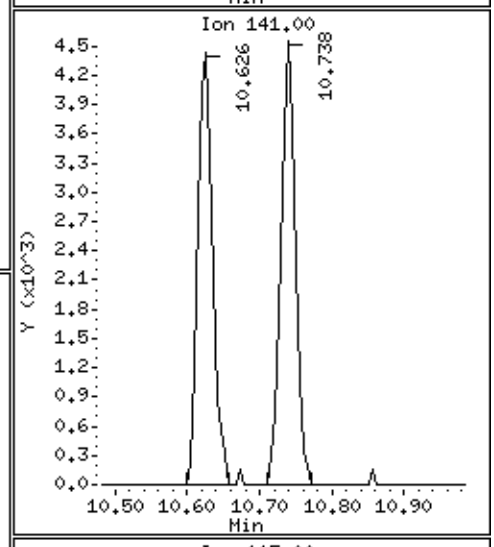


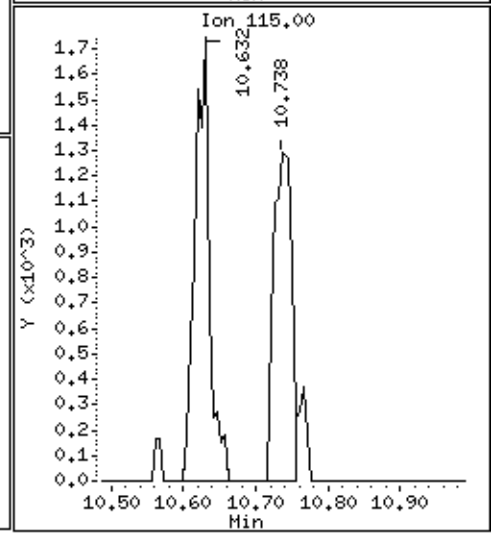












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Injection Date: 05-OCT-2017 23:44
Instrument: 50mv3b.i
Lab Sample ID: 1882368
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

LCS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:12 Lab Sample ID: 1882369

Date Analyzed: 10/05/2017 23:12 Lab File ID: B100517.B\D02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	187	
71-43-2	Benzene	45.4	
75-27-4	Bromodichloromethane	43.2	
75-25-2	Bromoform	43.7	
74-83-9	Bromomethane	48.1	
78-93-3	2-Butanone (MEK)	249	
75-15-0	Carbon disulfide	42.1	
56-23-5	Carbon tetrachloride	42.5	
108-90-7	Chlorobenzene	47.3	
75-00-3	Chloroethane	39.5	
67-66-3	Chloroform	41.1	
74-87-3	Chloromethane	41.2	
110-82-7	Cyclohexane	39.4	J
96-12-8	1,2-Dibromo-3-chloropropane	44.7	
124-48-1	Dibromochloromethane	49.1	
106-93-4	1,2-Dibromoethane (EDB)	48.8	
95-50-1	1,2-Dichlorobenzene	46.0	
541-73-1	1,3-Dichlorobenzene	44.1	
106-46-7	1,4-Dichlorobenzene	42.4	
75-71-8	Dichlorodifluoromethane	52.7	
75-34-3	1,1-Dichloroethane	41.8	
107-06-2	1,2-Dichloroethane	38.2	
75-35-4	1,1-Dichloroethene	44.2	
156-59-2	cis-1,2-Dichloroethene	42.0	
156-60-5	trans-1,2-Dichloroethene	44.2	
78-87-5	1,2-Dichloropropane	42.3	
10061-01-5	cis-1,3-Dichloropropene	45.6	
10061-02-6	trans-1,3-Dichloropropene	43.8	
100-41-4	Ethylbenzene	43.5	
591-78-6	2-Hexanone	226	
98-82-8	Isopropylbenzene (Cumene)	46.4	
79-20-9	Methyl acetate	84.7	
108-87-2	Methylcyclohexane	41.1	J
75-09-2	Methylene Chloride	52.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	219	
1634-04-4	Methyl-tert-butyl ether	41.5	
100-42-5	Styrene	42.8	

SAMPLE NO.

LCS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/05/2017 23:12 Lab Sample ID: 1882369

Date Analyzed: 10/05/2017 23:12 Lab File ID: B100517.B\D02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	41.6	
127-18-4	Tetrachloroethene	46.4	
108-88-3	Toluene	46.3	
120-82-1	1,2,4-Trichlorobenzene	40.8	
71-55-6	1,1,1-Trichloroethane	40.3	
79-00-5	1,1,2-Trichloroethane	42.5	
79-01-6	Trichloroethene	43.4	
75-69-4	Trichlorofluoromethane	48.6	
76-13-1	1,1,2-Trichlorotrifluoroethane	44.0	
75-01-4	Vinyl chloride	44.3	
1330-20-7	Xylene (Total)	132	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d
Lab Smp Id: 1882369 Client Smp ID: MBLCS
Inj Date : 05-OCT-2017 23:12
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1882369,159793:5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 52 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	0.917	0.916	(0.221)	118556	52.7034	52.7	
2 Chloromethane	50	0.998	0.996	(0.240)	112827	41.2101	41.2	
3 Vinyl Chloride	62	1.046	1.044	(0.251)	123476	44.2597	44.2	
4 Bromomethane	94	1.190	1.189	(0.286)	58460	48.1288	48.1	
5 Chloroethane	64	1.238	1.237	(0.298)	68536	39.4784	39.5	
6 Trichlorofluoromethane	101	1.350	1.349	(0.325)	149796	48.6377	48.6	
7 Diethyl ether	74	1.473	1.472	(0.354)	39654	47.0360	47.0	
8 1,2-dichlorotrifluoroethane	67	1.489	1.488	(0.358)	101378	37.3145	37.3	
9 Acrolein	56	1.542	1.541	(0.371)	185658	1263.64	1260	
10 1,1,2trichlorotrifluoroethane	101	1.596	1.600	(0.384)	97405	43.9727	44.0	
11 1,1-Dichloroethene	96	1.601	1.600	(0.385)	78105	44.1861	44.2	
12 Acetone	43	1.612	1.611	(0.388)	50096	187.435	187	
13 Iodomethane	142	1.687	1.685	(0.406)	206882	103.665	104	
14 Carbon Disulfide	76	1.735	1.733	(0.417)	267528	42.0830	42.1	
15 Methyl Acetate	43	1.777	1.782	(0.427)	60000	84.6602	84.7	
16 allyl chloride	41	1.793	1.792	(0.431)	248789	90.3978	90.4	
17 Acetonitrile	39	1.793	1.792	(0.431)	161456	39.2584	39.2	
18 Methylene Chloride	84	1.868	1.867	(0.449)	86916	52.9482	52.9	
19 tert-Butyl Alcohol	59	1.916	1.910	(0.461)	8290	71.2234	71.2(Q)	
20 Acrylonitrile	53	2.002	2.000	(0.481)	50587	166.680	167	
21 Methyl-tert-butyl ether	73	2.028	2.027	(0.488)	159086	41.4541	41.4	
22 1,2-Dichloroethene (trans)	96	2.044	2.043	(0.492)	86051	44.2438	44.2	
23 n-Hexane	57	2.226	2.225	(0.535)	152906	40.6696	40.7	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.333	2.332	(0.561)	374749	162.209	162	
	25 1,1-Dichloroethane	63	2.343	2.342	(0.563)	142197	41.8260	41.8	
	26 Chloroprene	53	2.402	2.401	(0.578)	129278	38.7960	38.8	
	27 2-Butanone	72	2.803	2.796	(0.674)	21358	248.705	249(Q)	
	28 1,2-Dichloroethene (cis)	96	2.819	2.818	(0.678)	85720	41.9521	42.0(Q)	
	29 2,2-Dichloropropane	77	2.824	2.823	(0.679)	111348	35.3504	35.4	
	31 Methacrylonitrile	41	3.000	3.005	(0.721)	98017	183.491	183	
	32 Bromochloromethane	49	3.049	3.047	(0.733)	50342	41.7835	41.8	
	33 Tetrahydrofuran	42	3.075	3.069	(0.739)	8974	33.4461	33.4	
	34 Chloroform	83	3.155	3.160	(0.759)	134375	41.1087	41.1	
$	35 Dibromofluoromethane (S)	113	3.332	3.330	(0.801)	65220	45.3468	45.3	
	36 1,1,1-Trichloroethane	97	3.332	3.330	(0.801)	132844	40.2634	40.3	
	37 Cyclohexane	56	3.417	3.416	(0.822)	163276	39.3697	39.4	
	151 n-Butyl chloride	56	3.481	3.480	(0.837)	180733	42.2699	42.3	
	38 Carbon Tetrachloride	117	3.519	3.512	(0.846)	119962	42.4513	42.4	
	39 1,1-Dichloropropene	75	3.524	3.523	(0.847)	119873	41.8958	41.9	
	40 Benzene	78	3.764	3.763	(0.905)	330885	45.4220	45.4	
	41 1,2-Dichloroethane	62	3.850	3.849	(0.926)	71118	38.1920	38.2	
	42 Isobutyl alcohol	43	3.876	3.875	(0.932)	382759	49.1200	49.1	
	43 2,2,4-Trimethylpentane	57	3.940	3.939	(0.947)	378991	44.3929	44.4	
*	44 Fluorobenzene (IS)	96	4.159	4.164	(1.000)	298654	50.0000		
	45 Trichloroethene	95	4.613	4.612	(1.109)	87321	43.4139	43.4	
	46 Methylcyclohexane	55	4.880	4.879	(1.173)	134019	41.0586	41.0	
	47 1,2-Dichloropropane	63	4.913	4.917	(1.181)	72824	42.3279	42.3	
	48 Methyl methacrylate	69	5.035	5.034	(1.211)	28738	42.2547	42.2	
	49 Dibromomethane	93	5.014	5.018	(1.205)	32944	44.9823	45.0	
	50 1,4-Dioxane	88	5.025	5.024	(1.208)	8048	838.502	838	
	51 Bromodichloromethane	83	5.238	5.237	(1.259)	93200	43.1949	43.2	
	52 2-Chloroethyl vinyl ether	63	5.596	5.595	(0.763)	16076	41.2251	41.2	
	53 cis-1,3-Dichloropropene	75	5.735	5.734	(0.782)	109578	45.5782	45.6	
	54 4-Methyl-2-Pentanone	43	5.911	5.910	(0.806)	177980	218.805	219	
$	55 Toluene-d8 (S)	98	6.013	6.012	(0.819)	291243	52.0737	52.1	
	56 Toluene	91	6.088	6.081	(0.830)	370608	46.3000	46.3	
	57 trans-1,3-Dichloropropene	75	6.371	6.369	(0.868)	83654	43.7987	43.8	
	58 Ethyl Methacrylate	69	6.456	6.455	(0.880)	259537	181.248	181	
	59 1,1,2-Trichloroethane	83	6.558	6.556	(0.894)	39534	42.4504	42.4	
	60 Tetrachloroethene	166	6.611	6.610	(0.901)	96544	46.4184	46.4	
	61 1,3-Dichloropropane	76	6.696	6.695	(0.913)	86976	49.1042	49.1	
	62 2-Hexanone	43	6.766	6.765	(0.922)	119326	226.455	226	
	63 Dibromochloromethane	129	6.883	6.882	(0.938)	63621	49.0986	49.1	
	64 1,2-Dibromoethane	107	6.964	6.962	(0.949)	48652	48.8124	48.8	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.336	(1.000)	211883	50.0000		
	66 Chlorobenzene	112	7.359	7.358	(1.003)	224497	47.2723	47.3	
	67 1,1,1,2-Tetrachloroethane	131	7.434	7.438	(1.013)	77419	48.0388	48.0	
	68 Ethylbenzene	106	7.439	7.443	(1.014)	140906	43.4836	43.5	
	69 m&p-Xylene	106	7.540	7.539	(1.028)	342676	87.4312	87.4	
	70 o-Xylene	106	7.802	7.801	(1.063)	160057	44.7012	44.7	
	71 Styrene	104	7.818	7.817	(1.065)	259558	42.7707	42.8	
	72 Bromoform	173	7.936	7.934	(0.898)	33602	43.7015	43.7	
	73 Isopropylbenzene	105	8.042	8.047	(1.096)	470903	46.4198	46.4	
$	74 4-Bromofluorobenzene (S)	95	8.155	8.153	(1.111)	101742	48.4172	48.4	
	75 Bromobenzene	77	8.235	8.234	(1.122)	133874	43.4756	43.5	
	76 1,1,2,2-Tetrachloroethane	83	8.245	8.250	(0.933)	53459	41.6086	41.6	
	77 trans-1,4-Dichloro-2-butene	53	8.267	8.266	(1.127)	42639	142.948	143(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	1,2,3-Trichloropropane	110	8.277	8.276	(0.937)	17819	47.4177	47.4(Q)	
79	n-Propylbenzene	91	8.304	8.303	(0.940)	527173	42.3705	42.4	
80	2-Chlorotoluene	91	8.352	8.351	(0.946)	285570	40.6261	40.6	
81	1,3,5-Trimethylbenzene	105	8.411	8.415	(0.952)	365647	42.0951	42.1	
82	4-Chlorotoluene	126	8.427	8.426	(0.954)	98460	43.3965	43.4	
83	tert-Butylbenzene	119	8.593	8.591	(0.973)	361623	35.8732	35.9	
84	1,2,4-Trimethylbenzene	105	8.630	8.629	(0.977)	371479	42.0776	42.1	
85	sec-Butylbenzene	105	8.721	8.720	(0.987)	544526	43.8667	43.9	
86	1,3-Dichlorobenzene	146	8.790	8.789	(0.995)	187587	44.0807	44.1	
87	p-Isopropyltoluene	119	8.806	8.805	(0.997)	425583	42.2797	42.3	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.833	8.832	(1.000)	113635	50.0000		
89	1,4-Dichlorobenzene	146	8.844	8.848	(1.001)	184182	42.4471	42.4	
90	n-Butylbenzene	91	9.025	9.024	(1.022)	366619	39.1758	39.2	
91	1,2-Dichlorobenzene	146	9.036	9.040	(1.023)	166316	45.9626	46.0	
92	1,2-Dibromo-3-chloropropane	155	9.447	9.446	(1.070)	8917	44.6791	44.7	
93	1,2,4-Trichlorobenzene	180	9.853	9.852	(1.115)	111240	40.8478	40.8	
94	Hexachlorobutadiene	225	9.917	9.916	(1.123)	93897	46.0918	46.1	
95	Naphthalene	128	9.992	9.991	(1.131)	208608	44.9596	45.0	
96	1,2,3-Trichlorobenzene	180	10.104	10.108	(1.144)	100722	44.2908	44.3	
97	2,methyl-naphthalene	142	10.622	10.621	(1.203)	124962	47.1721	47.2	
98	1-Methylnaphthalene	142	10.734	10.738	(1.215)	106337	51.8304	51.8	
99	Isopropyl Acetate	61	3.876	3.875	(0.932)	72227	231.732	232	
100	Ethyl Acetate	88	2.824	2.824	(0.679)	1004	35.2818	35.3(Q)	
101	n-amyl Acetate	70	7.946	7.945	(1.910)	116409	34.2374	34.2	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

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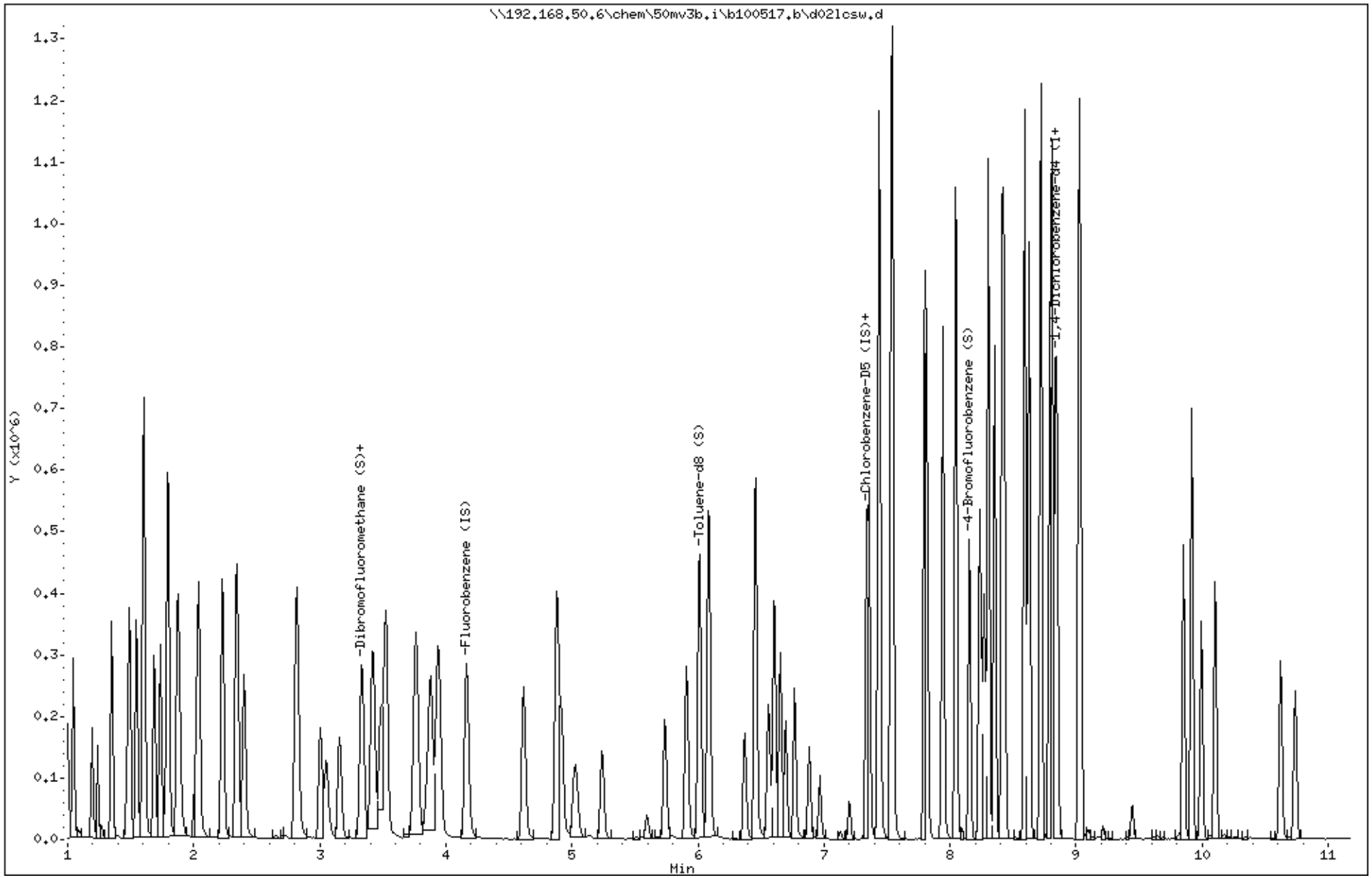
Date : 05-OCT-2017 23:12
Client ID: MBLCS
Instrument: 50mv3b.i
Sample Info: 1882369,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

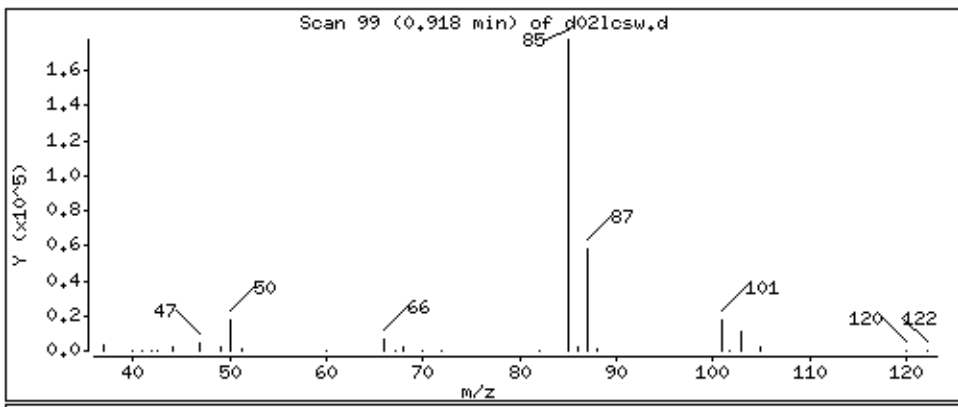
Column phase: DB-624

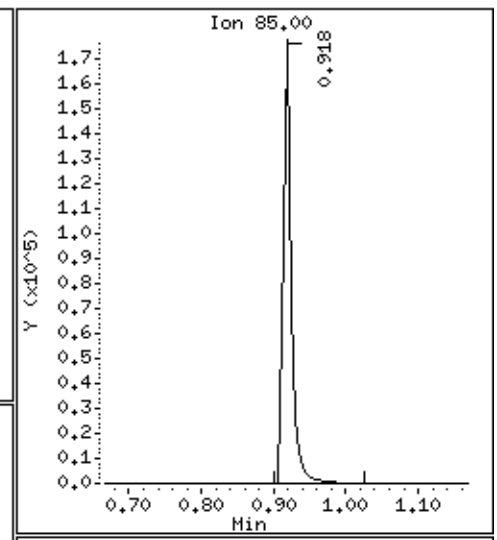
Column diameter: 0.18

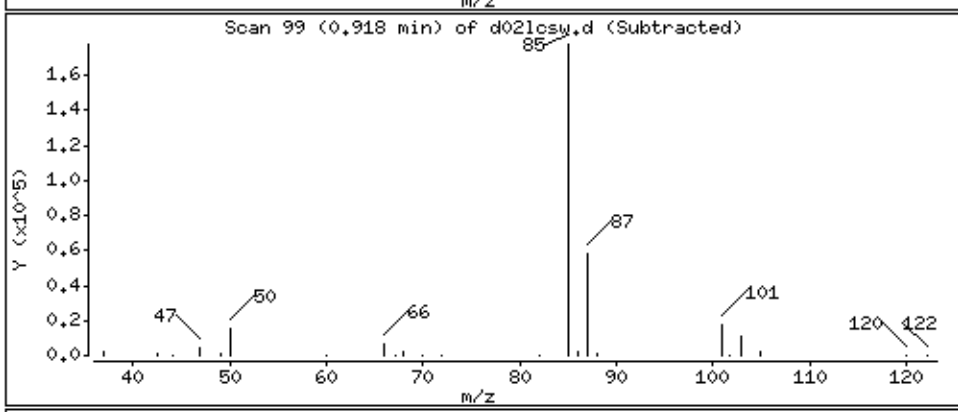
1 Dichlorodifluoromethane

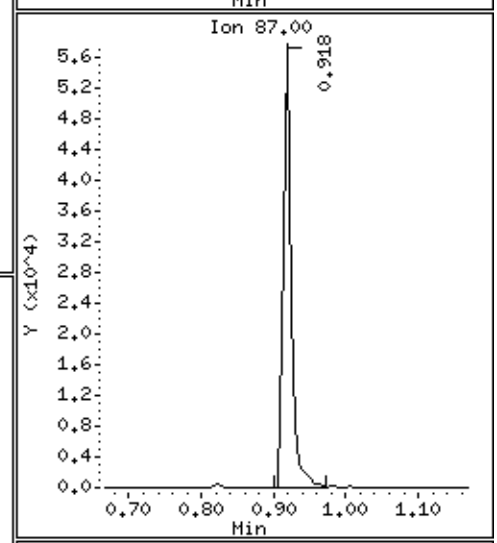
Concentration: 52.7 ppb

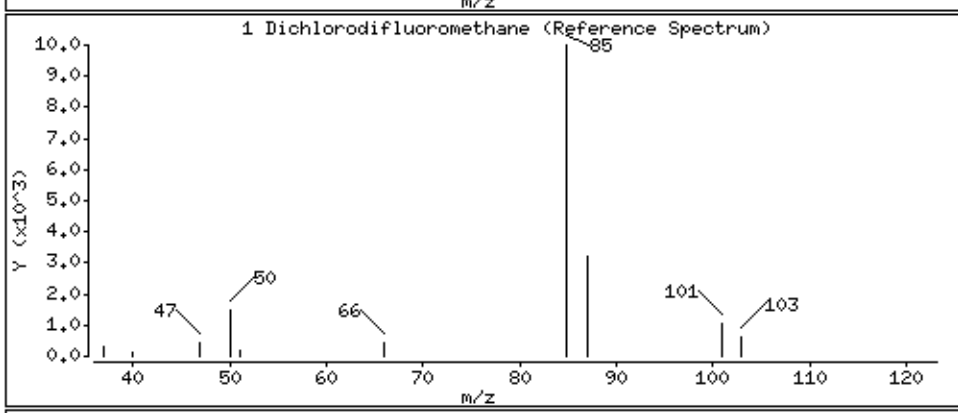
Review Code:

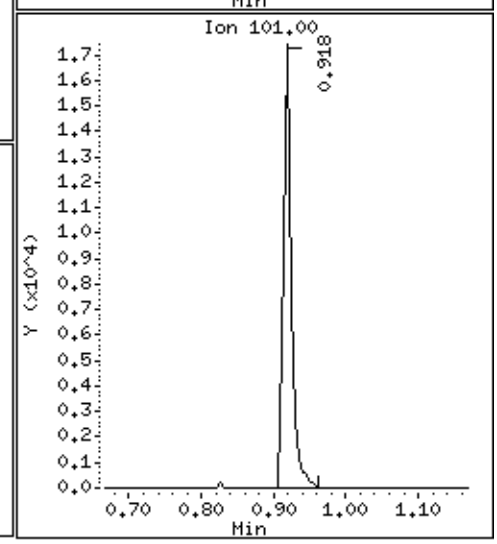


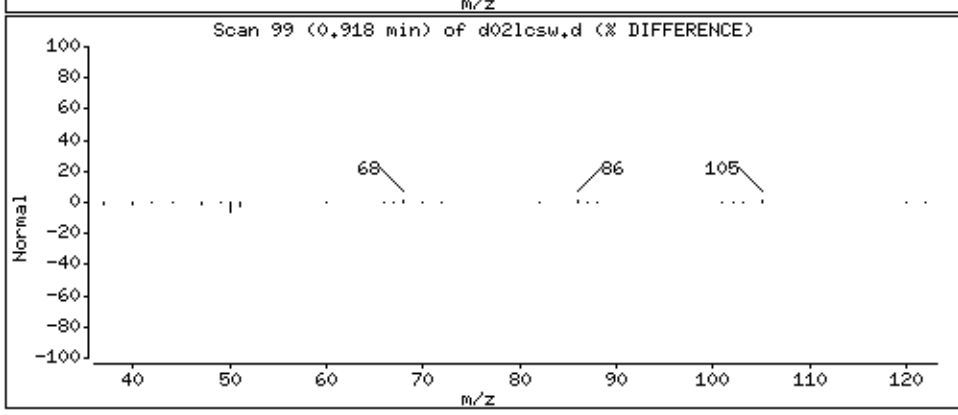












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

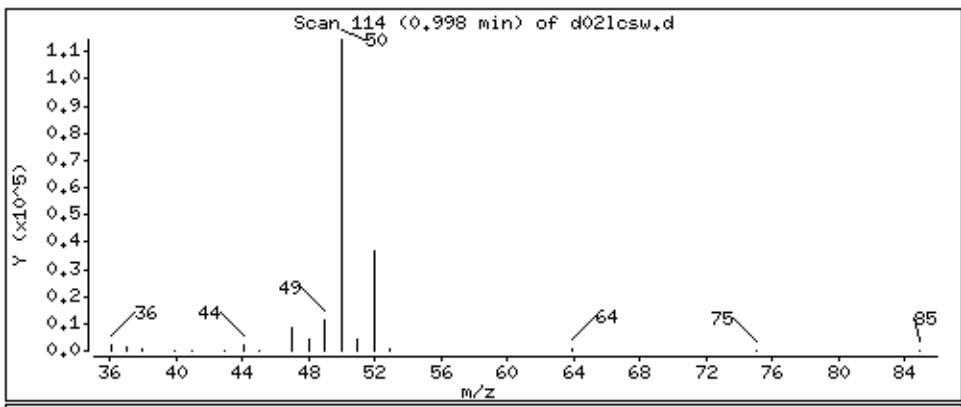
Column phase: DB-624

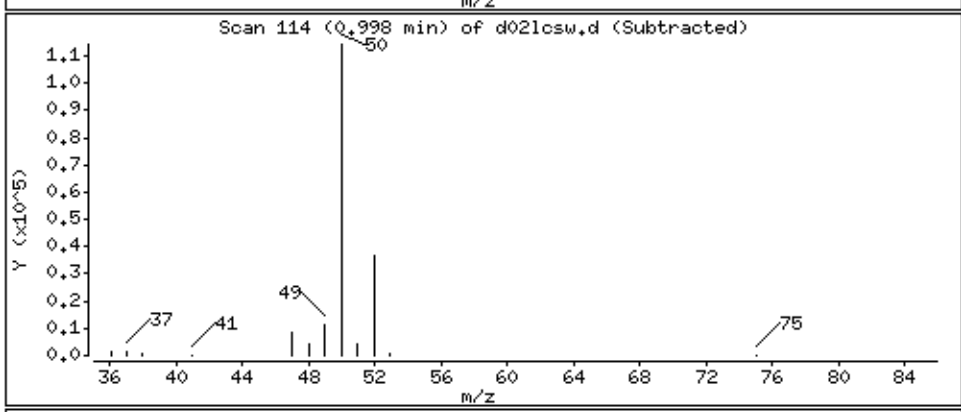
Column diameter: 0.18

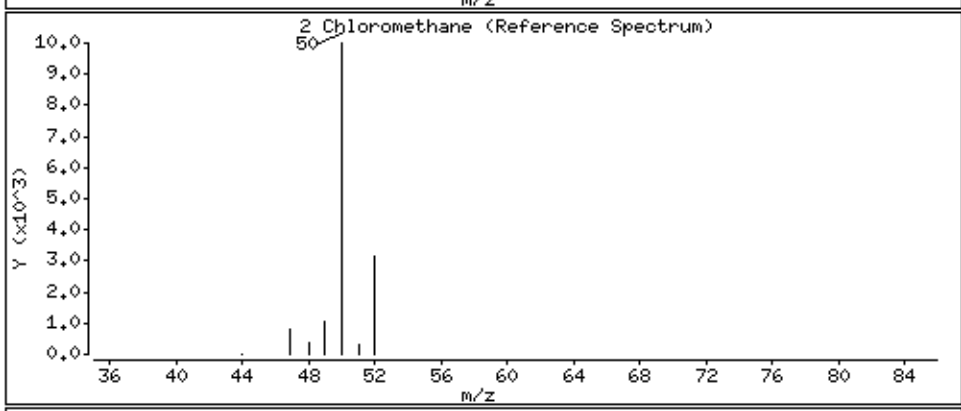
2 Chloromethane

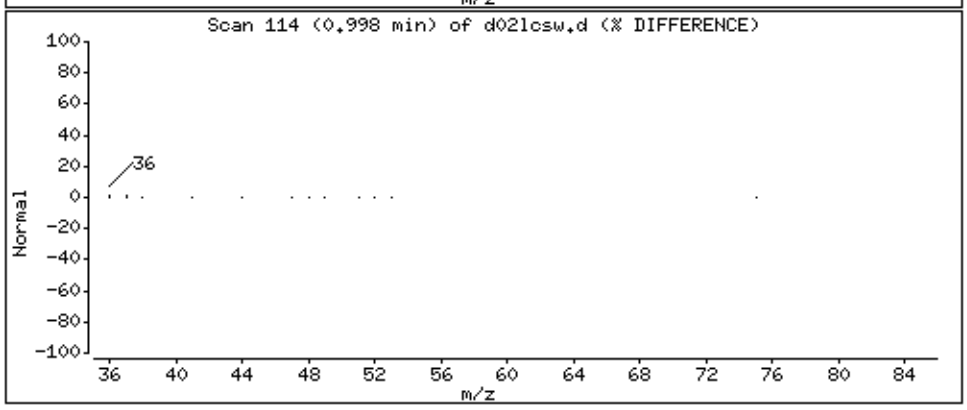
Concentration: 41.2 ppb

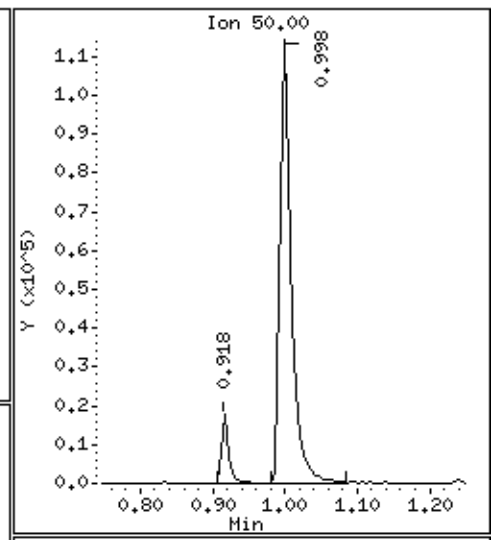
Review Code:

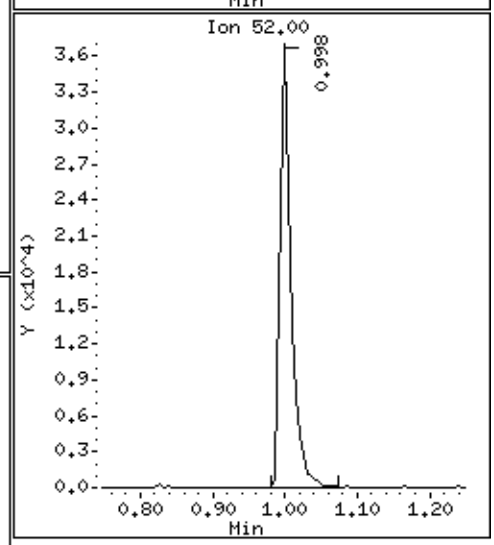












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

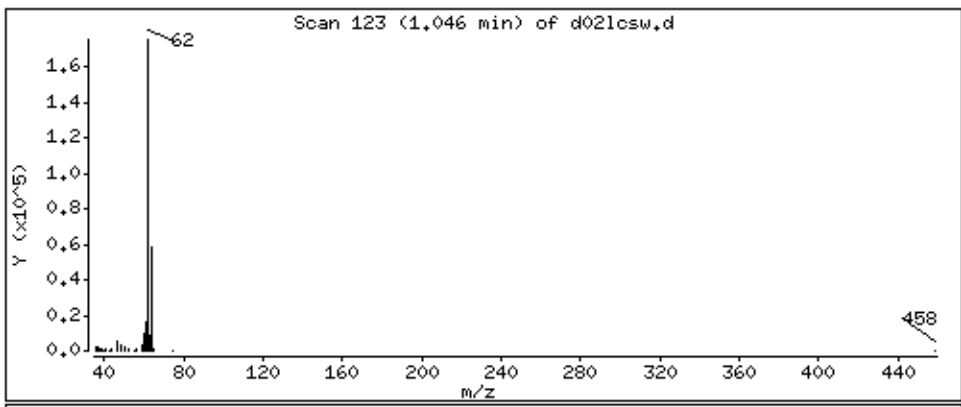
Column phase: DB-624

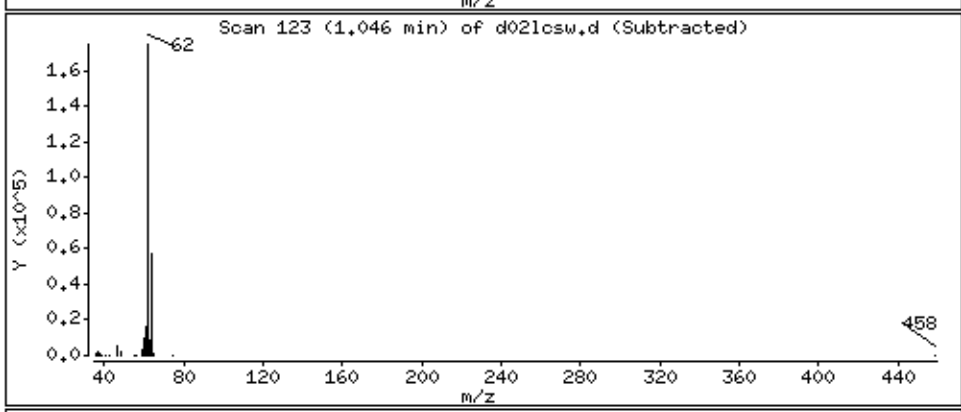
Column diameter: 0.18

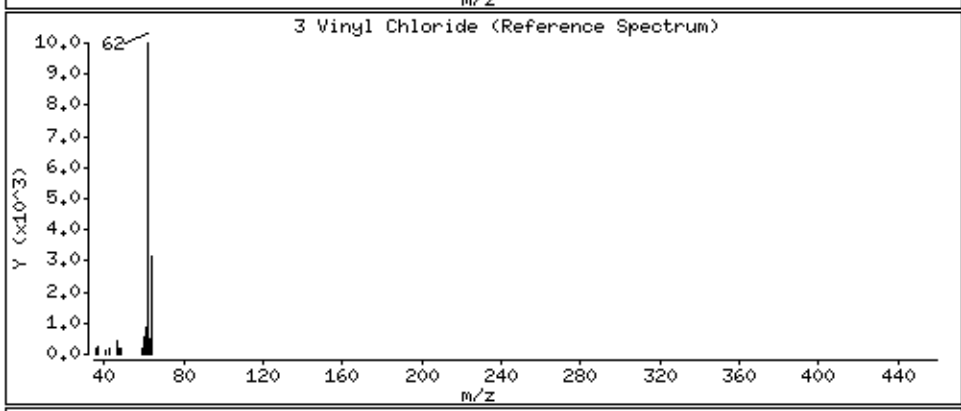
3 Vinyl Chloride

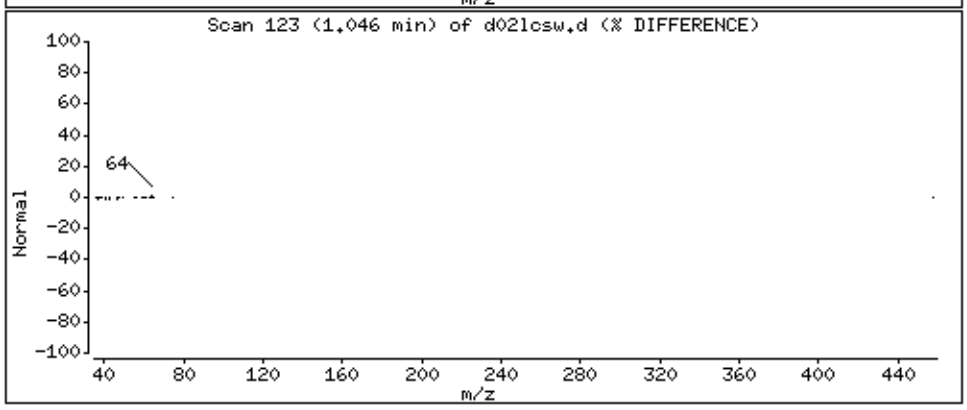
Concentration: 44.2 ppb

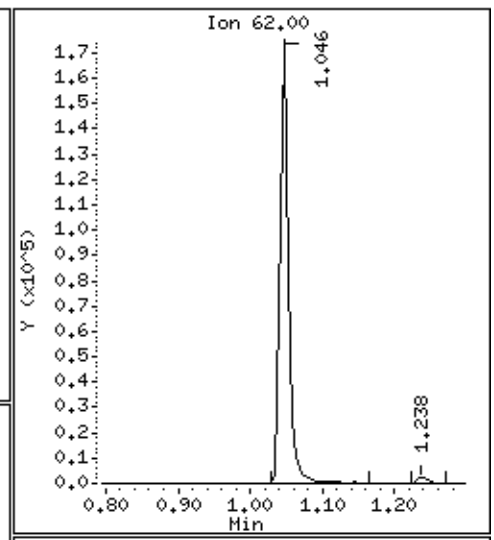
Review Code:

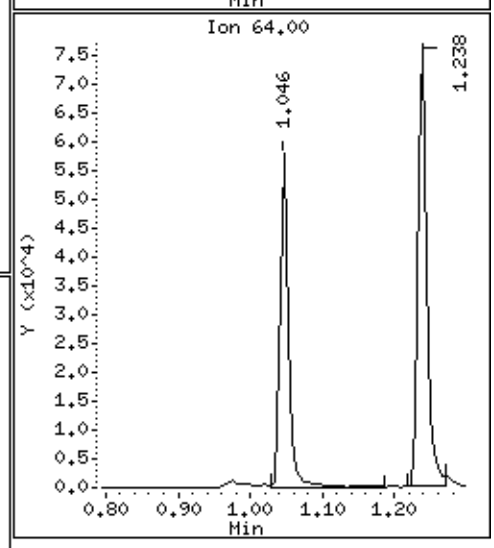












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

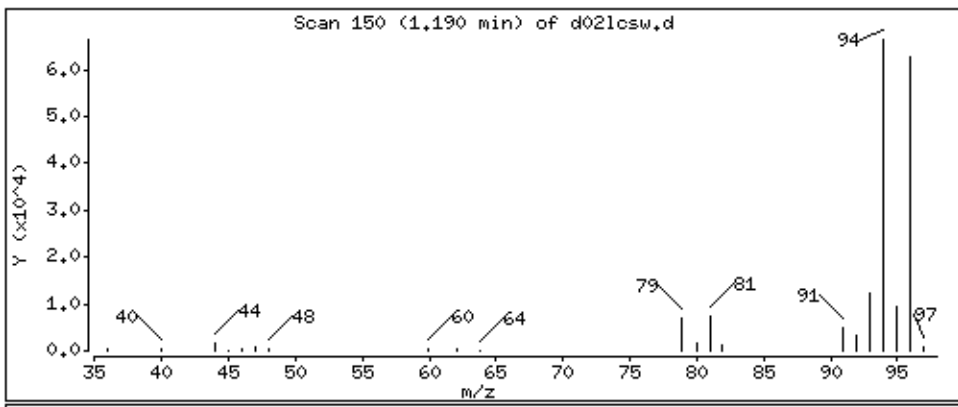
Column phase: DB-624

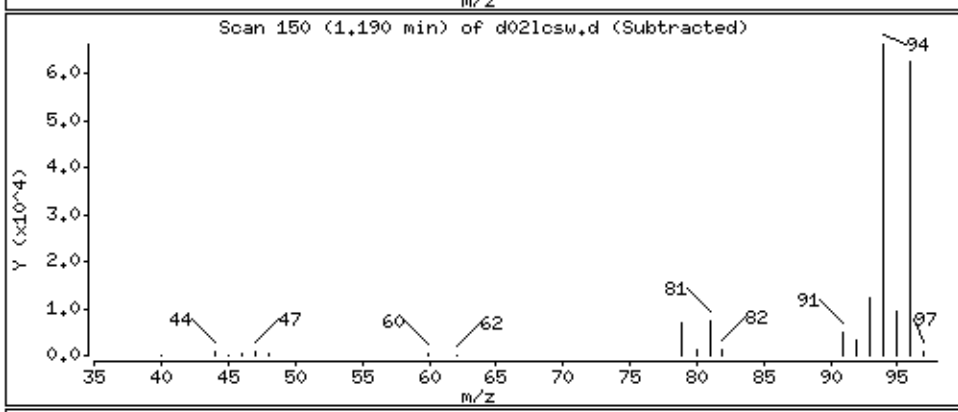
Column diameter: 0.18

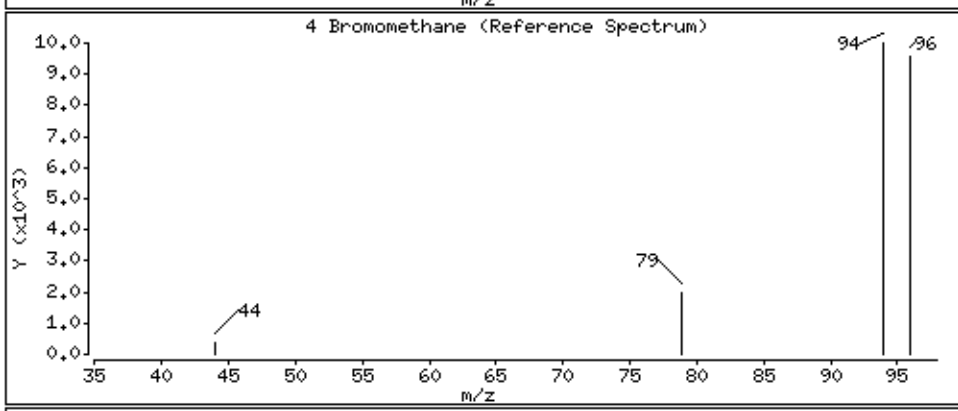
4 Bromomethane

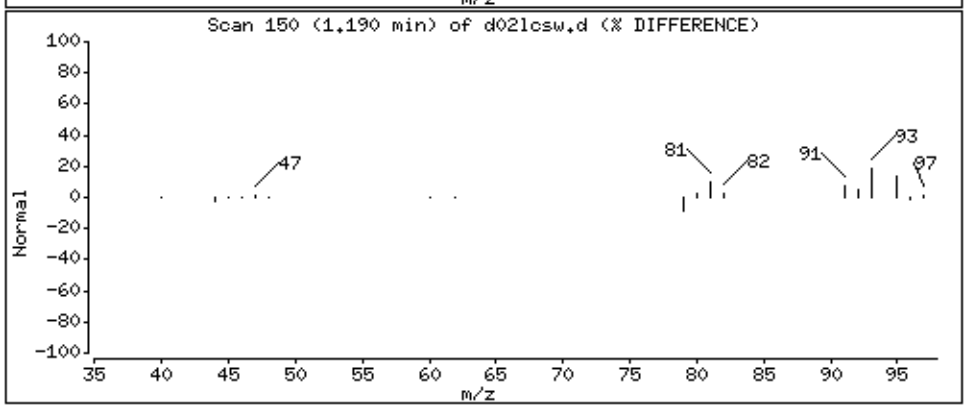
Concentration: 48.1 ppb

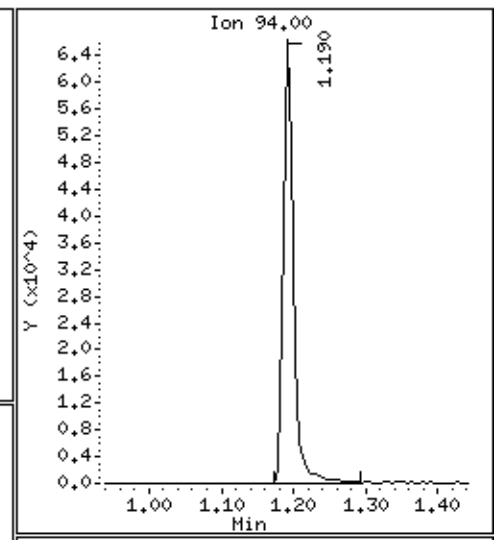
Review Code:

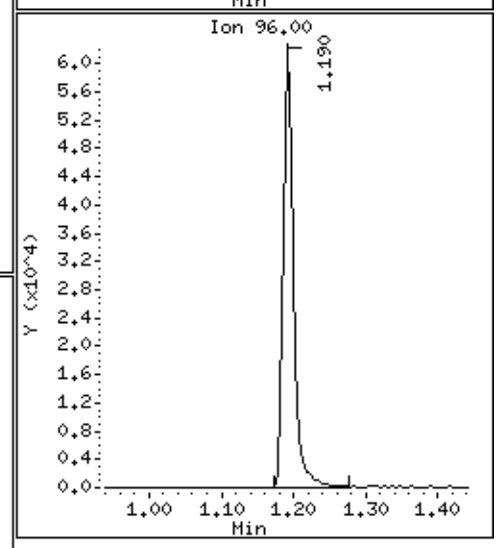












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

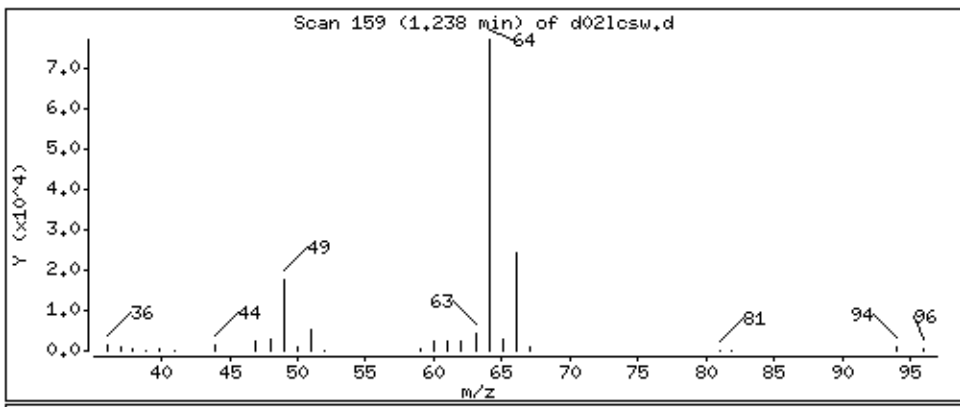
Column phase: DB-624

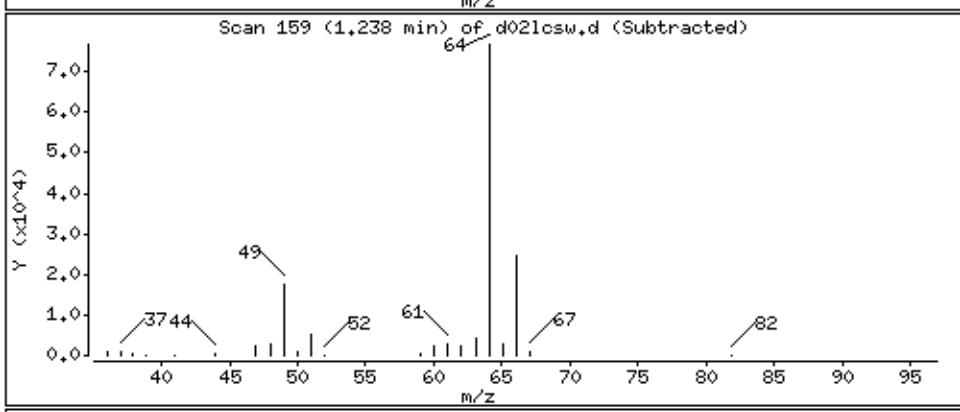
Column diameter: 0.18

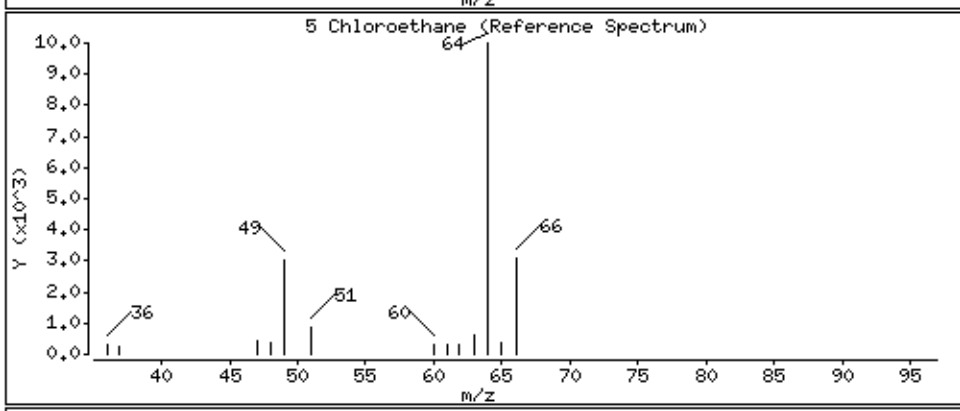
5 Chloroethane

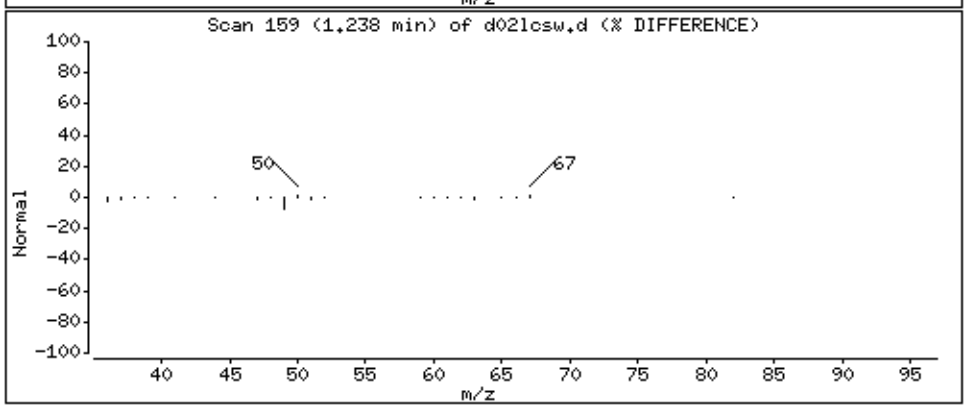
Concentration: 39.5 ppb

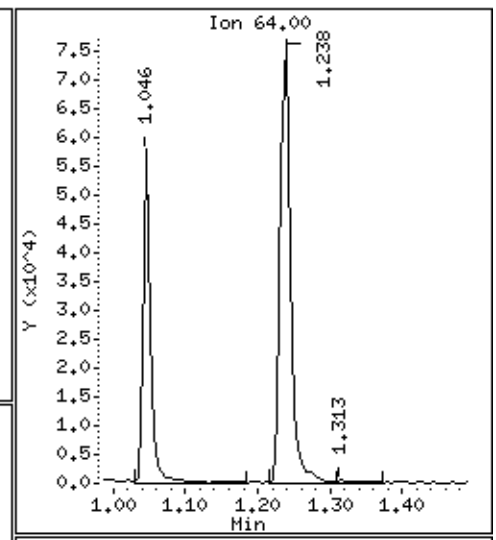
Review Code:

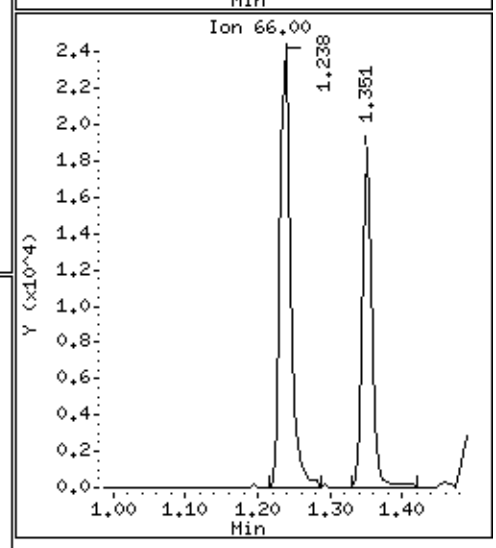












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

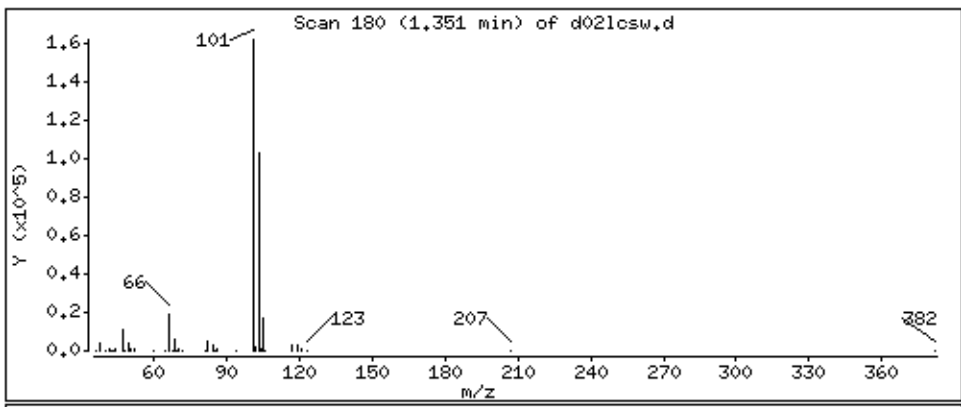
Column phase: DB-624

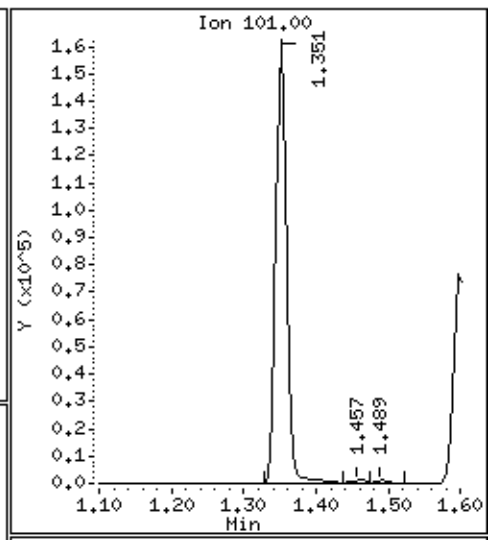
Column diameter: 0.18

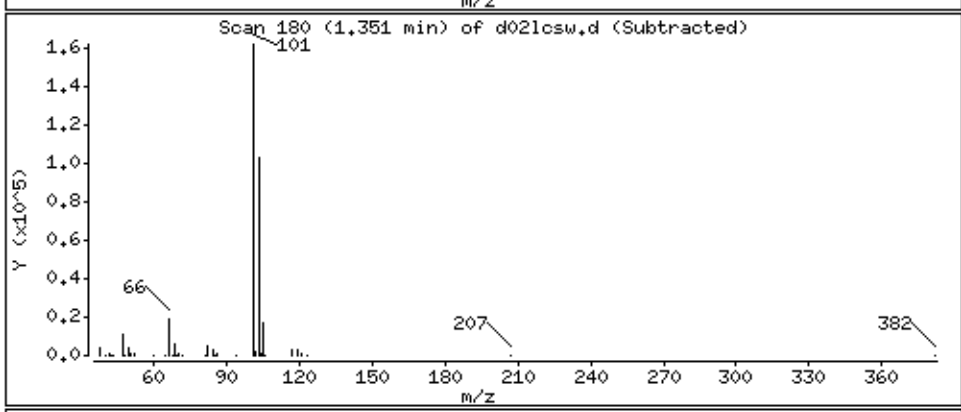
6 Trichlorofluoromethane

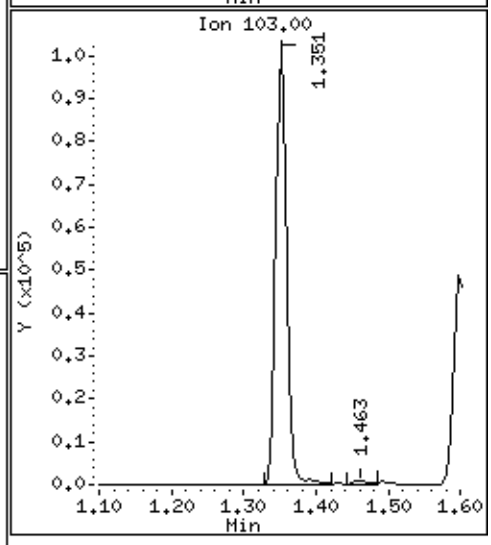
Concentration: 48.6 ppb

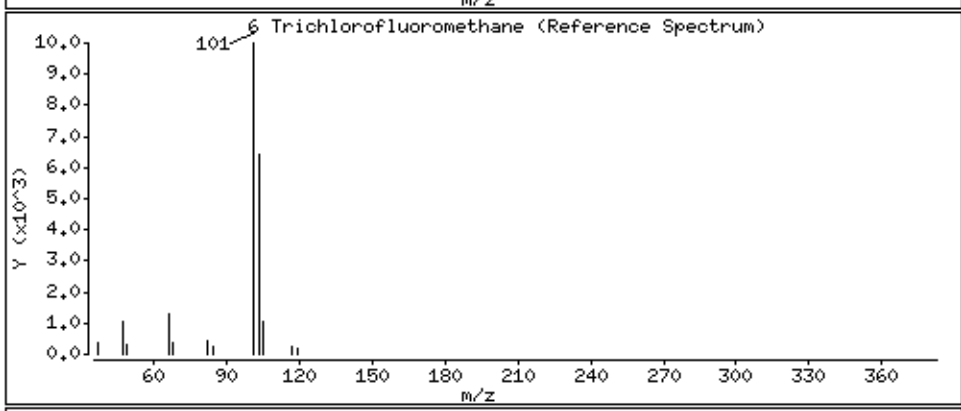
Review Code:

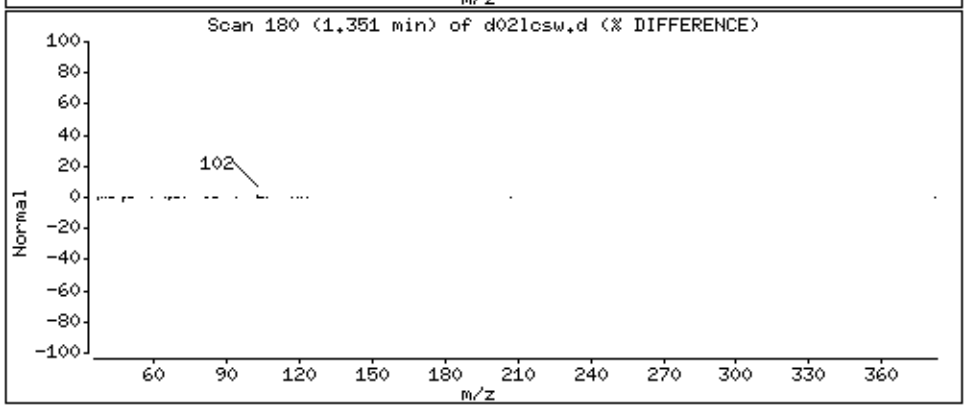












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

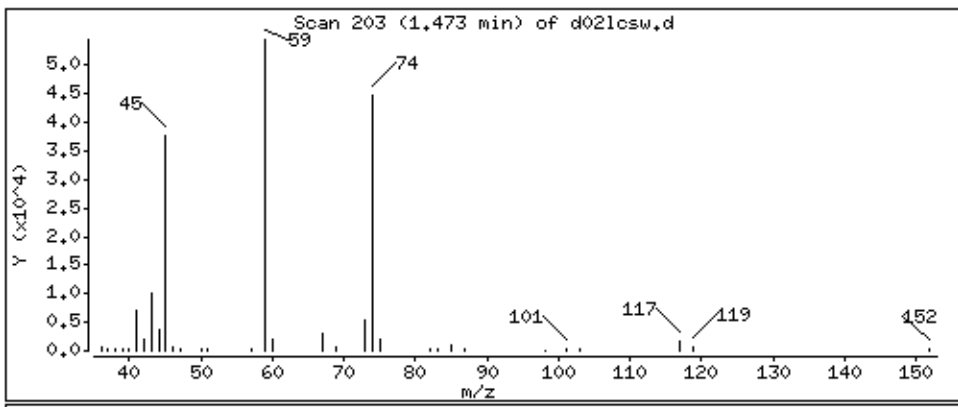
Column phase: DB-624

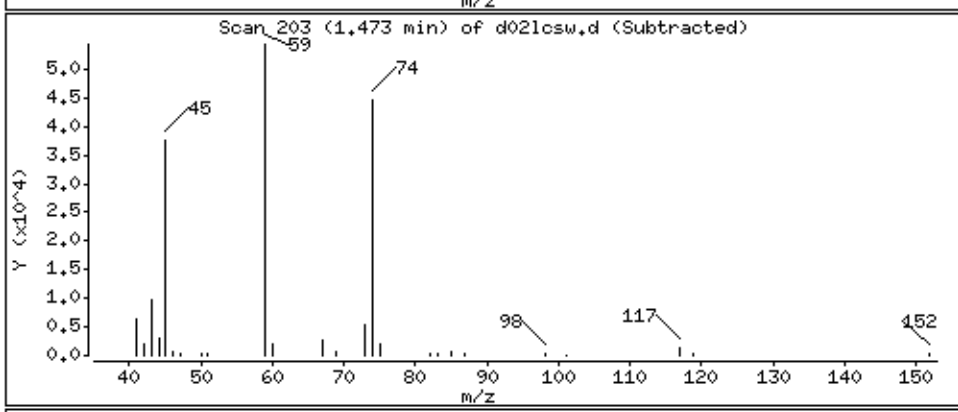
Column diameter: 0.18

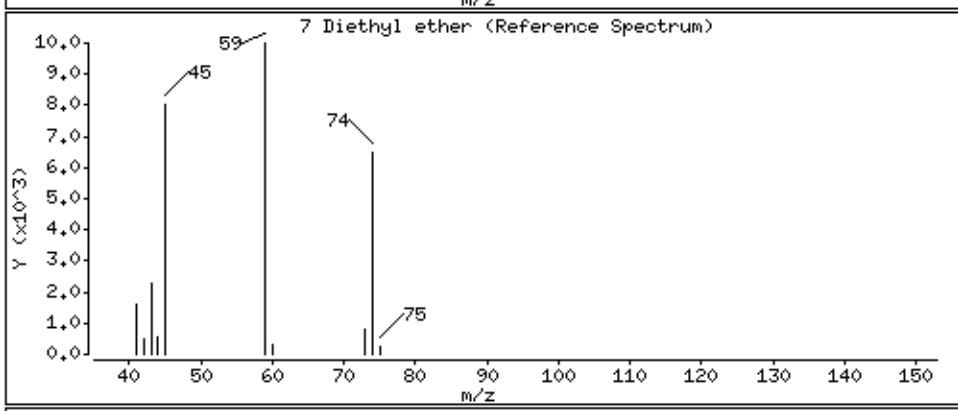
7 Diethyl ether

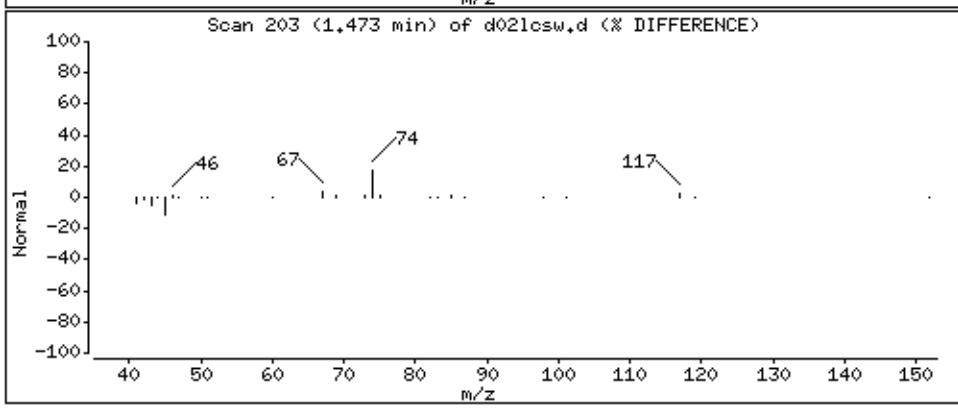
Concentration: 47.0 ppb

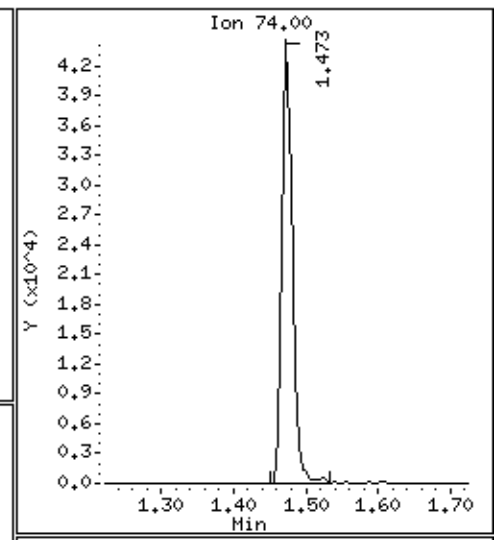
Review Code:

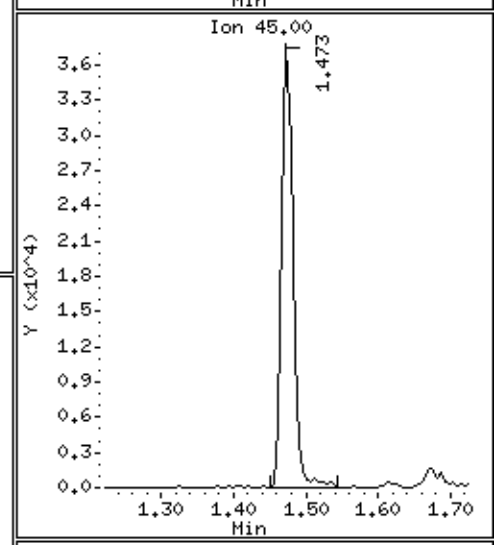


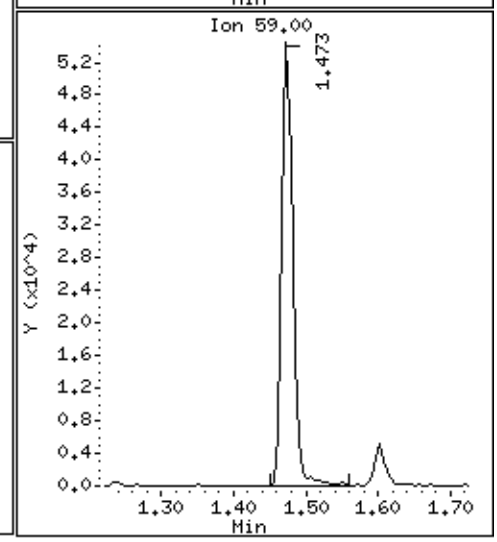












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

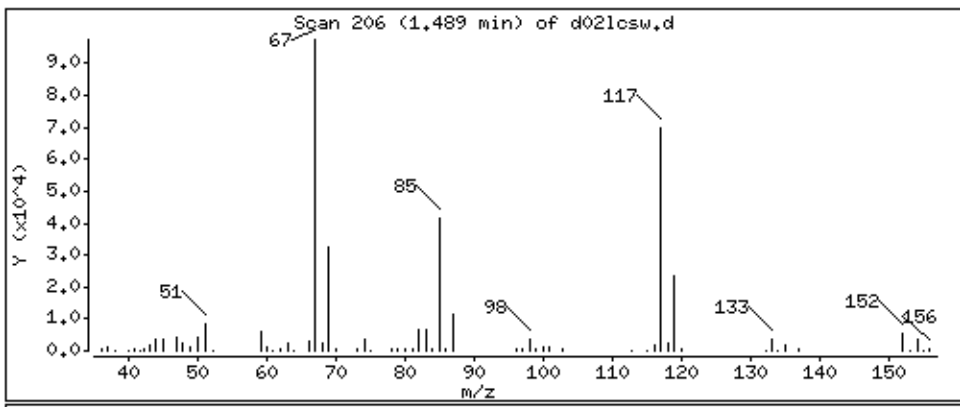
Column phase: DB-624

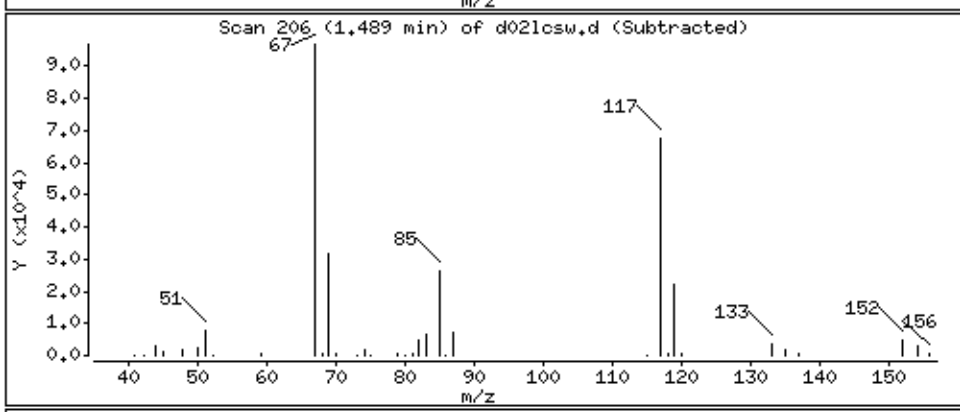
Column diameter: 0.18

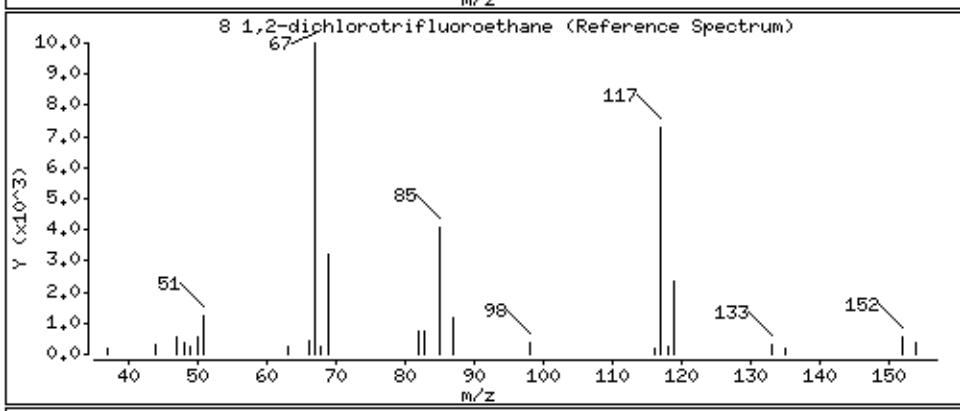
8 1,2-dichlorotrifluoroethane

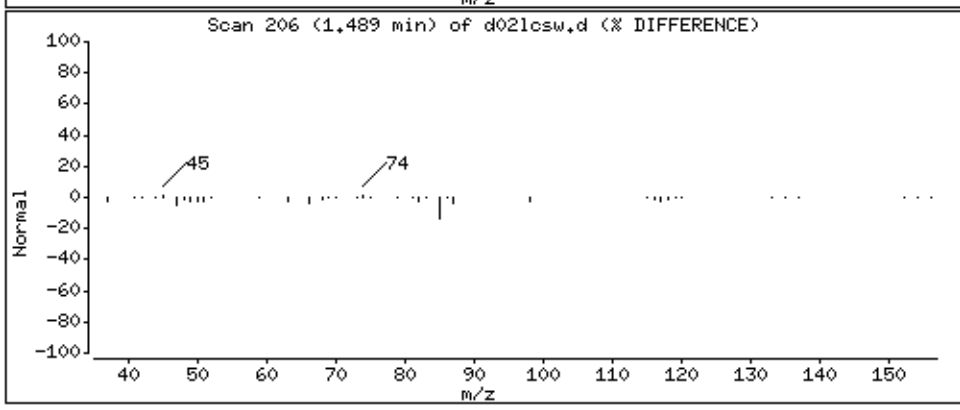
Concentration: 37.3 ppb

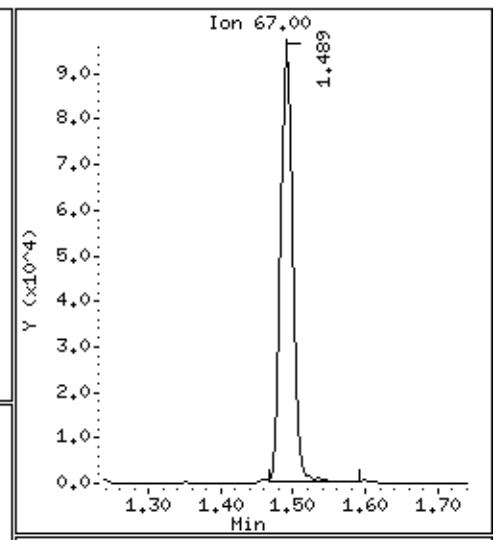
Review Code:

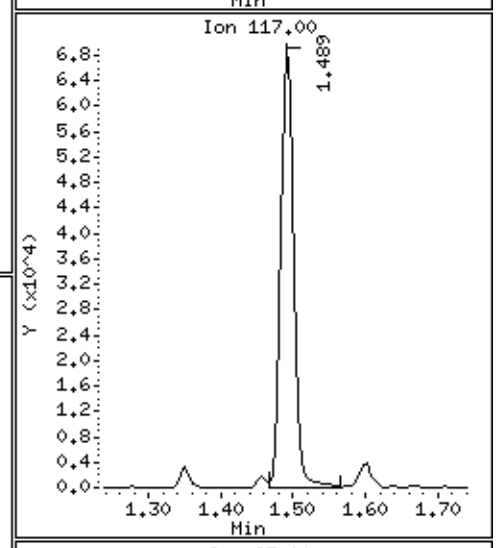


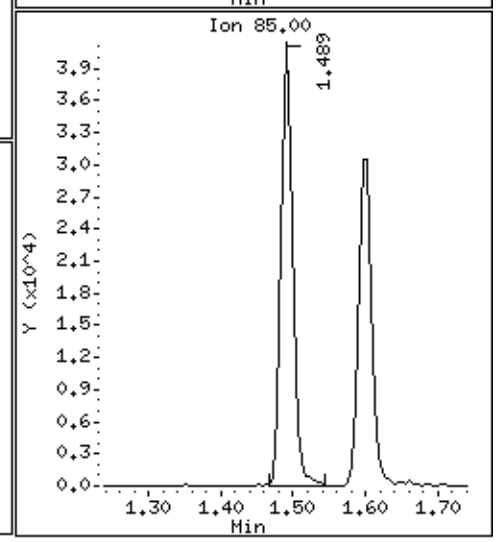












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

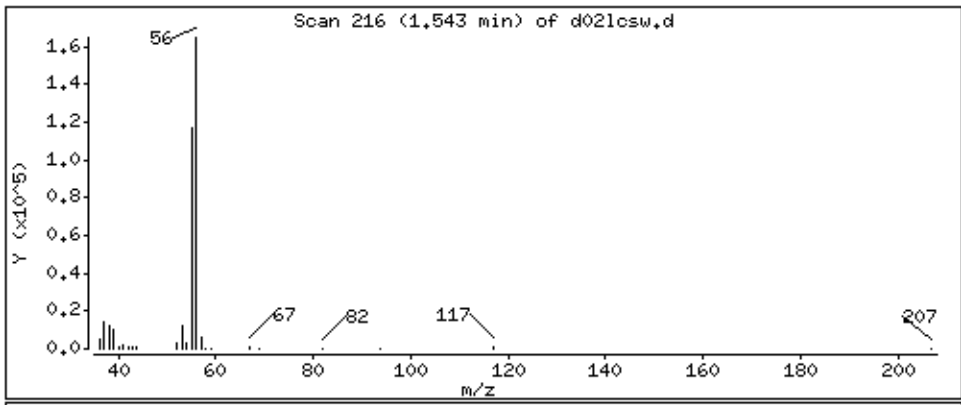
Column phase: DB-624

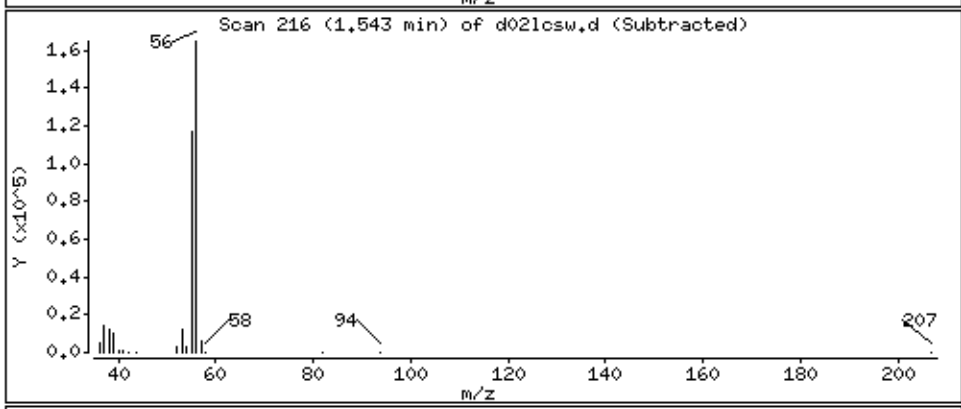
Column diameter: 0.18

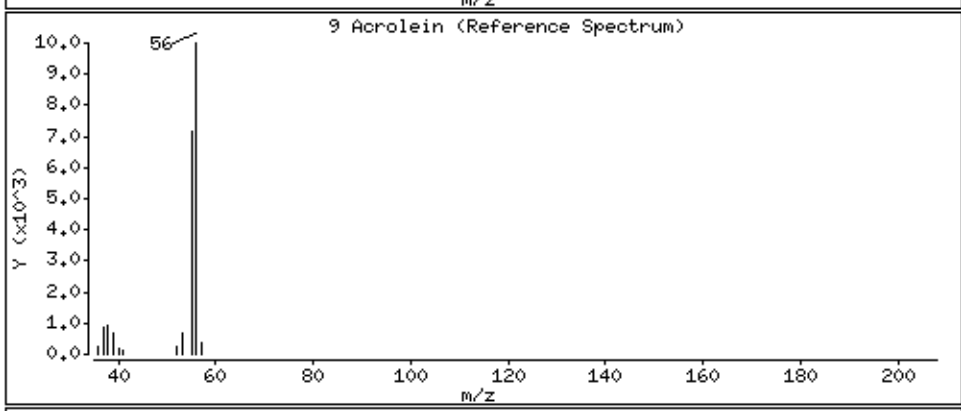
9 Acrolein

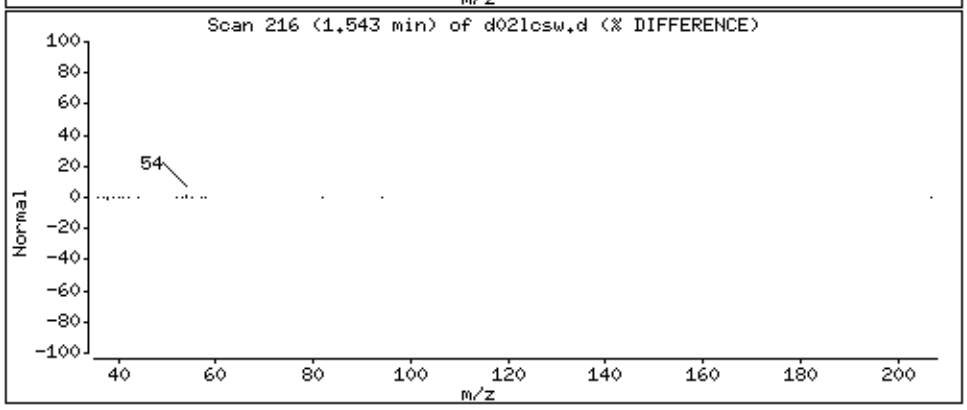
Concentration: 1260 ppb

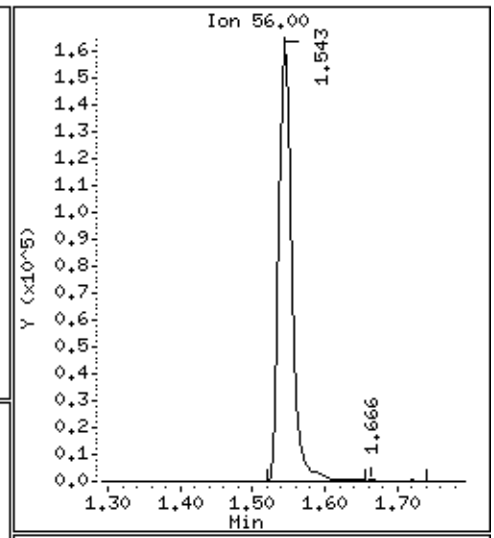
Review Code:

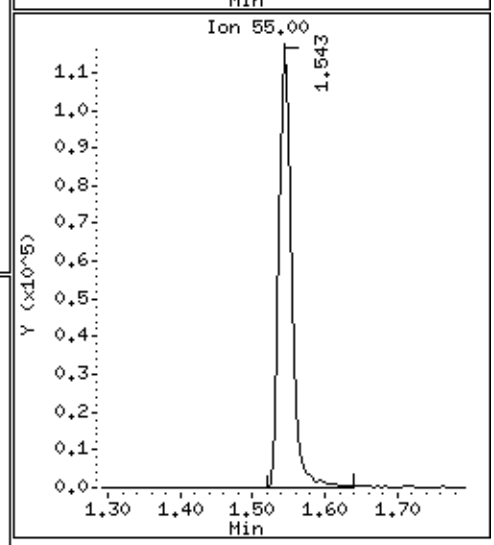












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

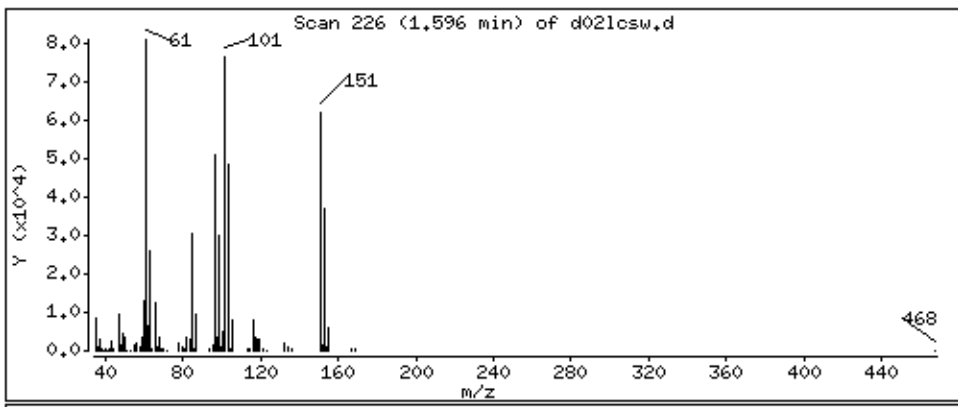
Column phase: DB-624

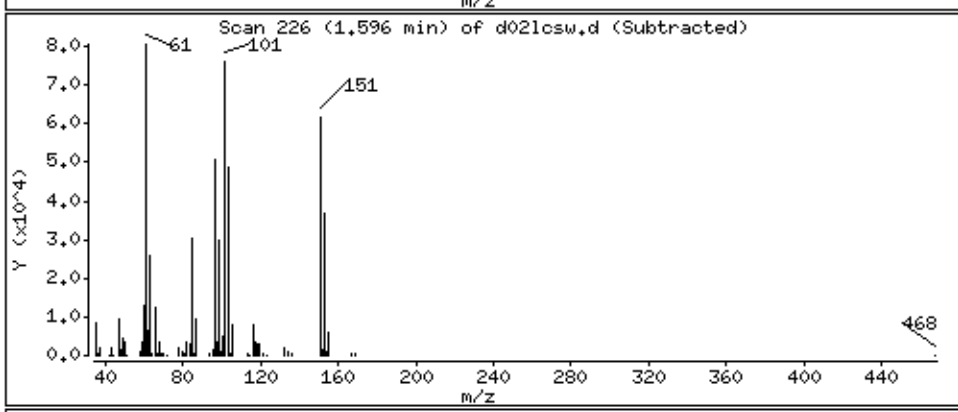
Column diameter: 0.18

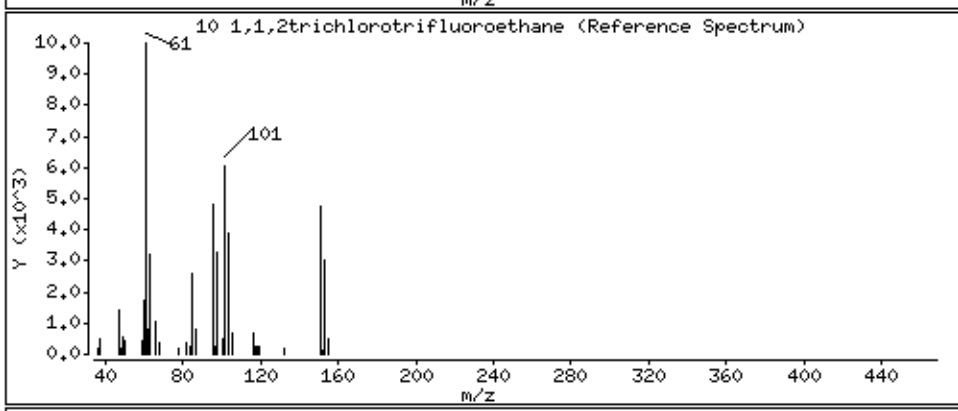
10 1,1,2trichlorotrifluoroethane

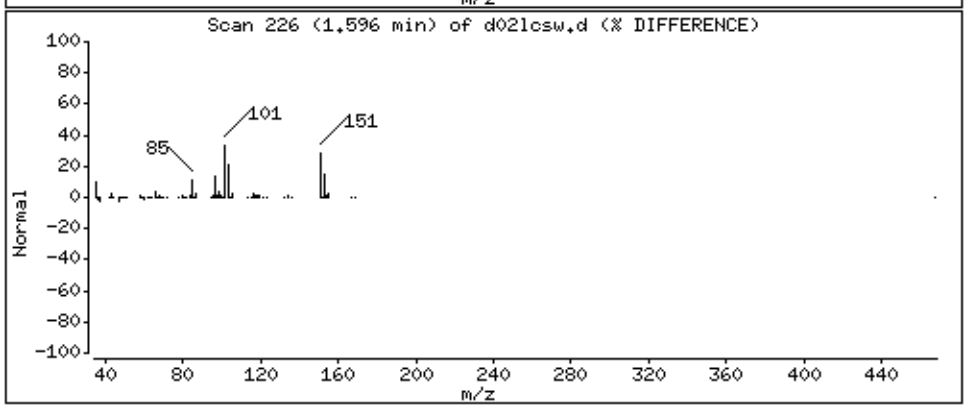
Concentration: 44.0 ppb

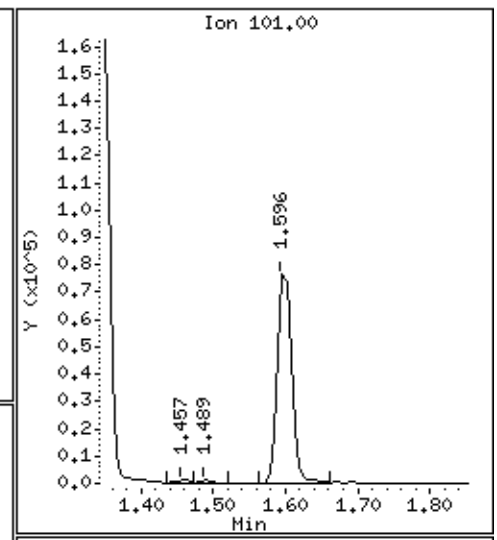
Review Code:

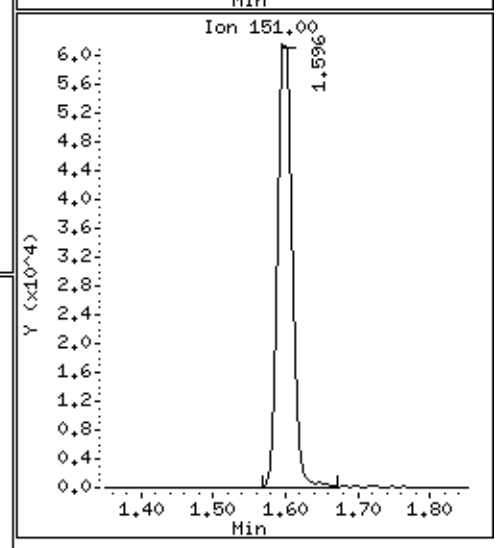












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

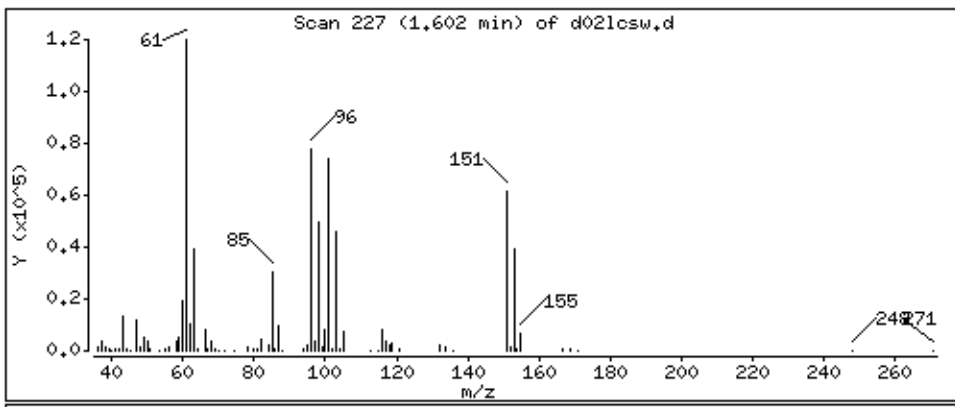
Column phase: DB-624

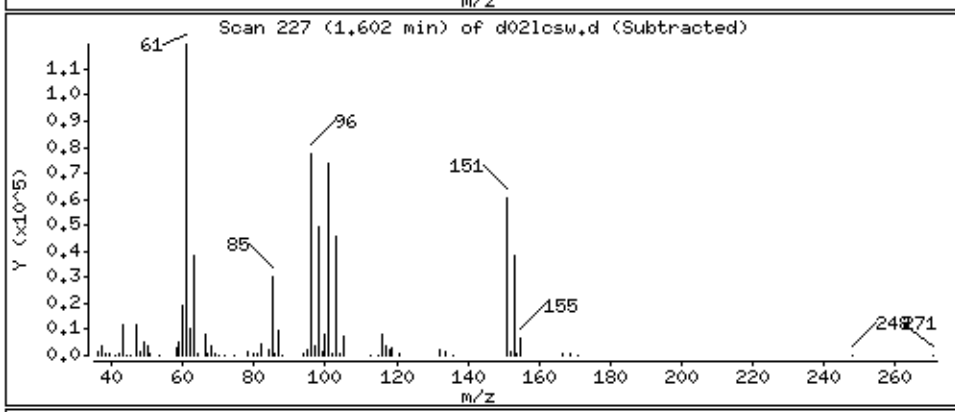
Column diameter: 0.18

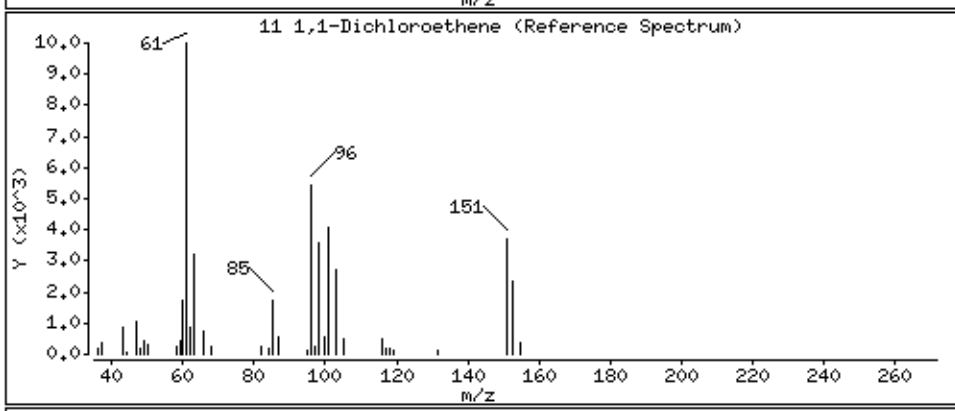
11 1,1-Dichloroethene

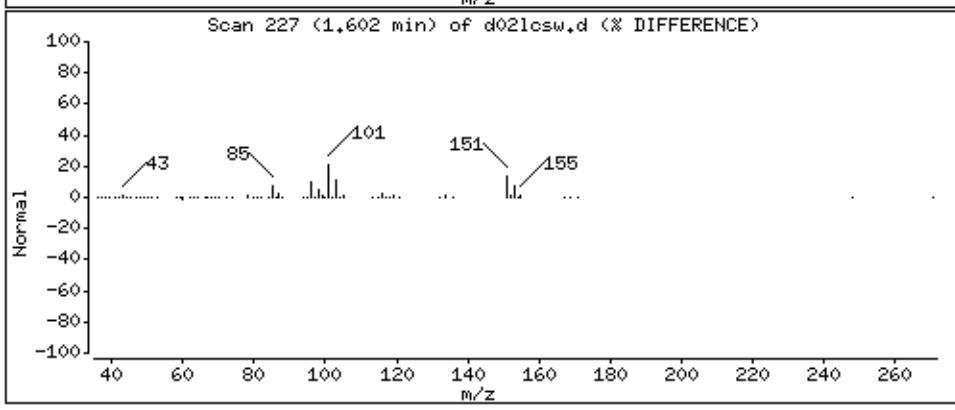
Concentration: 44.2 ppb

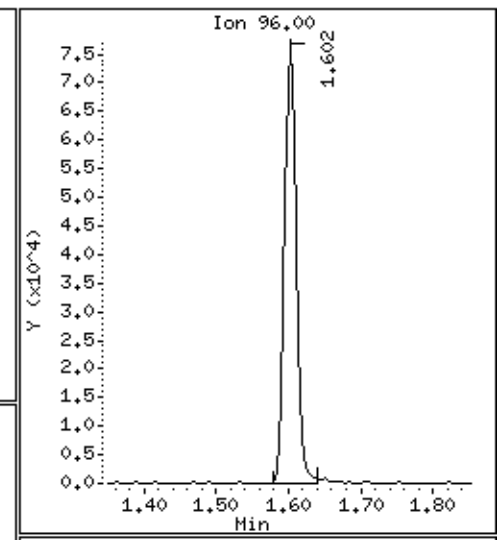
Review Code:

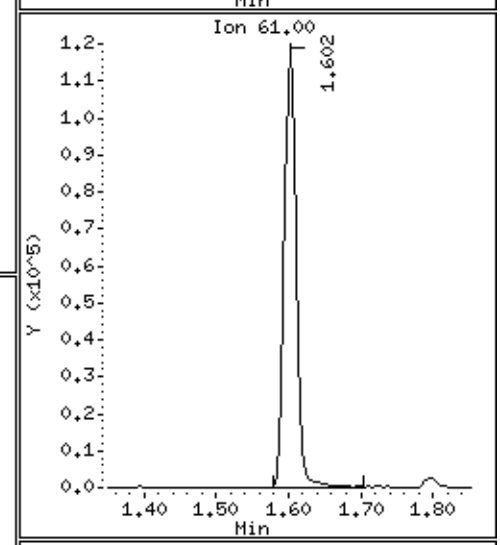


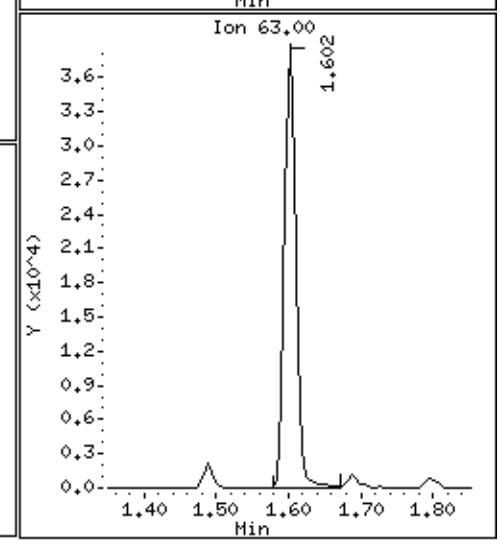












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

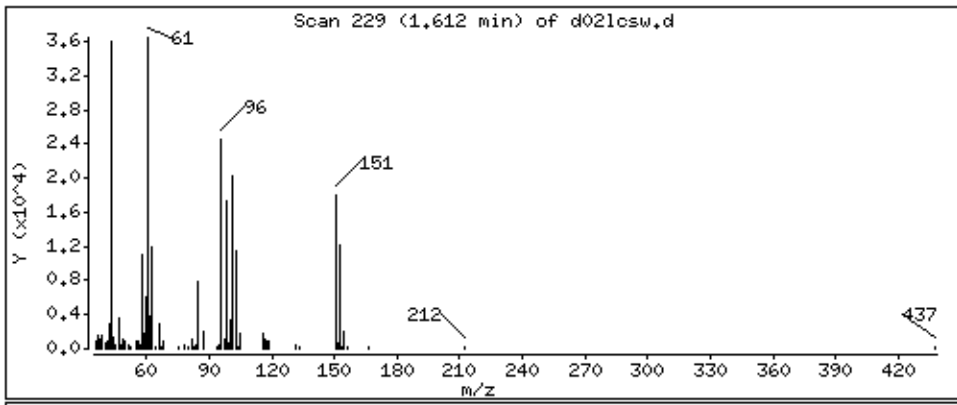
Column phase: DB-624

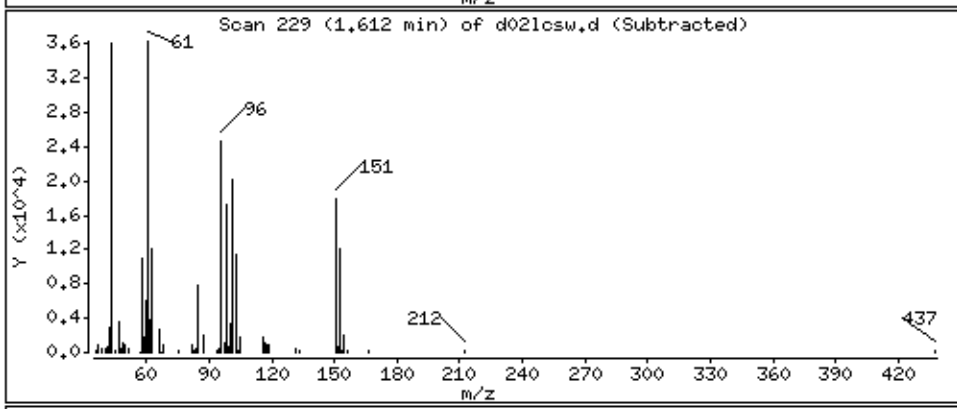
Column diameter: 0.18

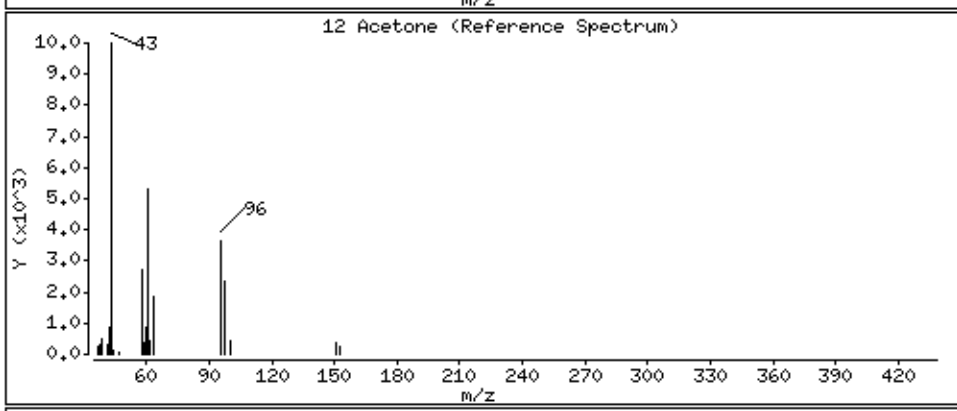
12 Acetone

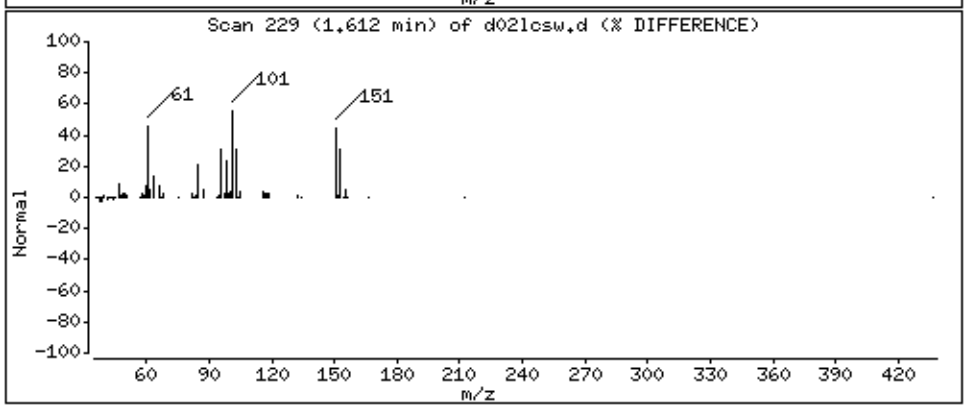
Concentration: 187 ppb

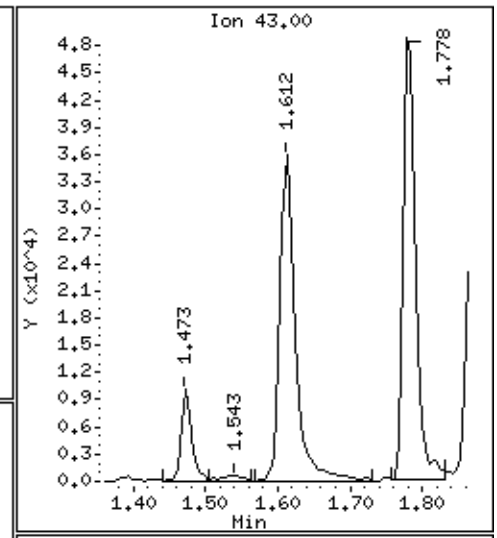
Review Code:

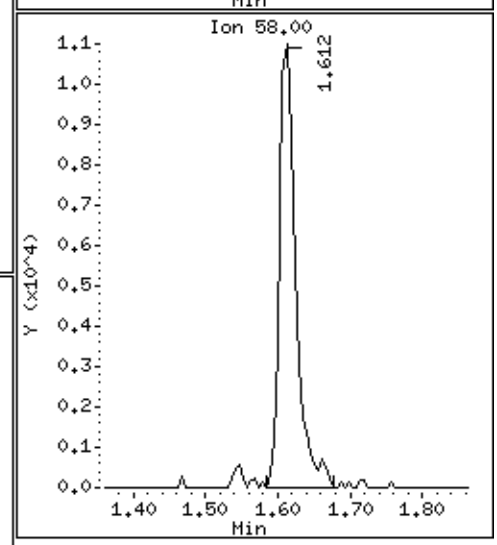












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

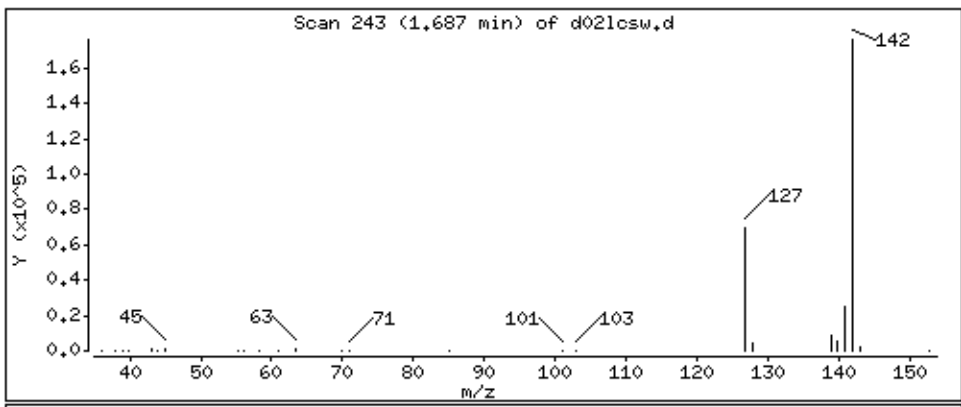
Column phase: DB-624

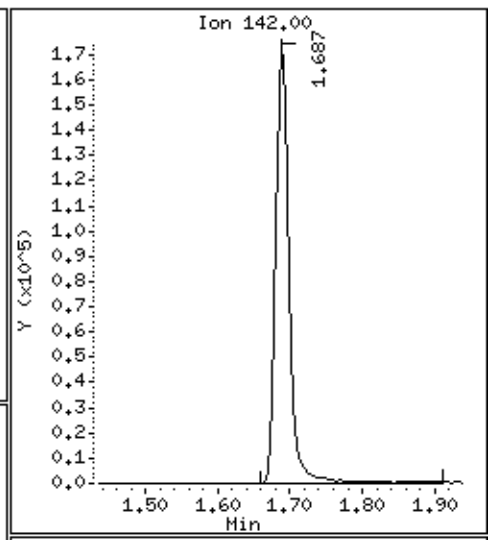
Column diameter: 0.18

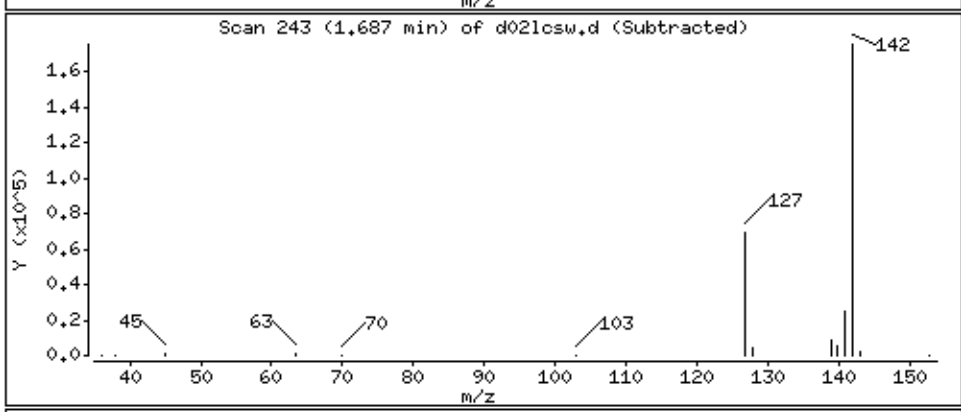
13 Iodomethane

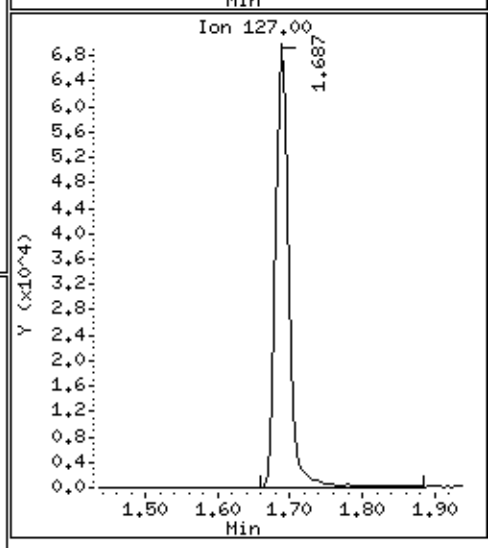
Concentration: 104 ppb

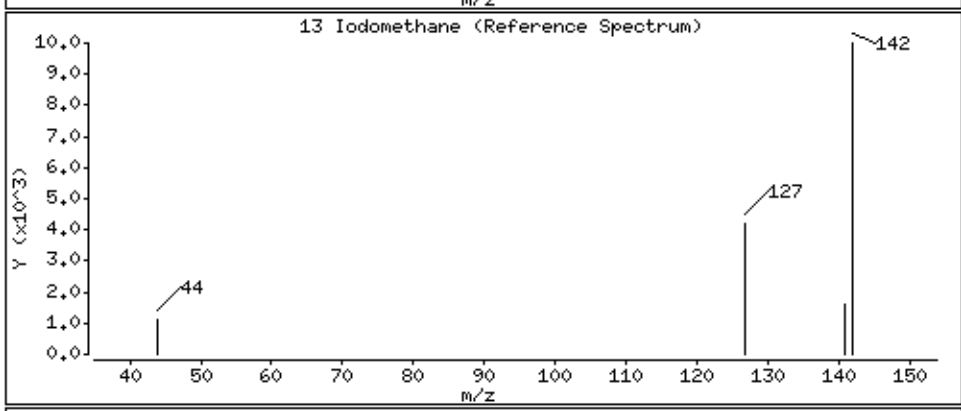
Review Code:

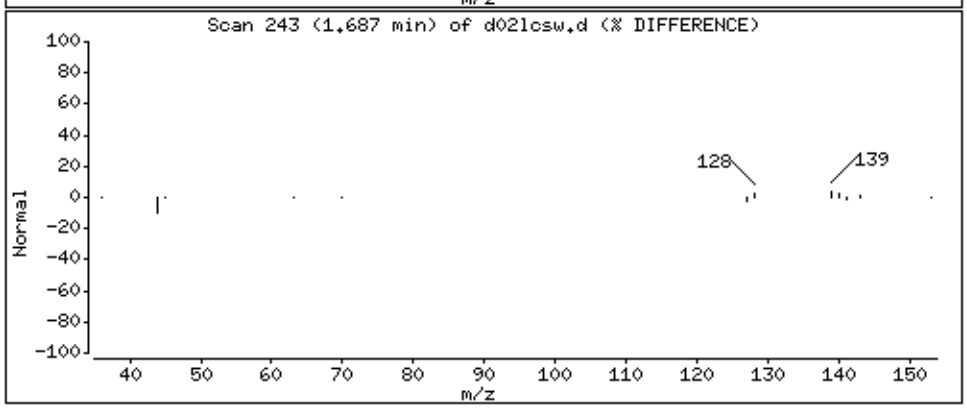












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

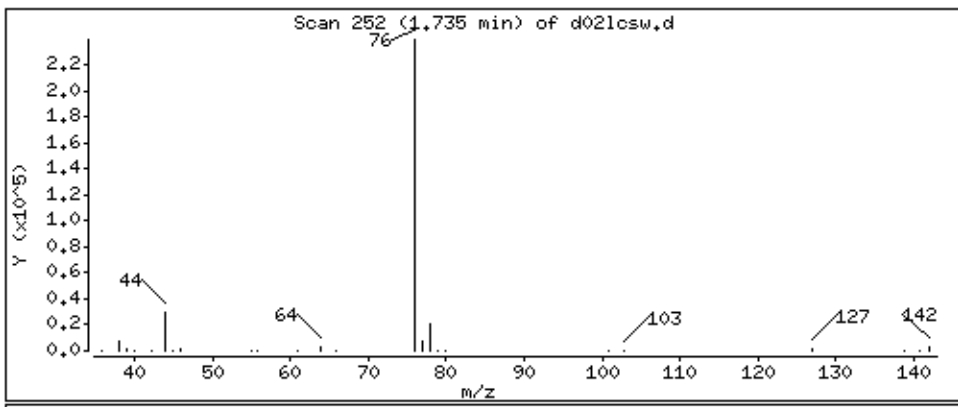
Column phase: DB-624

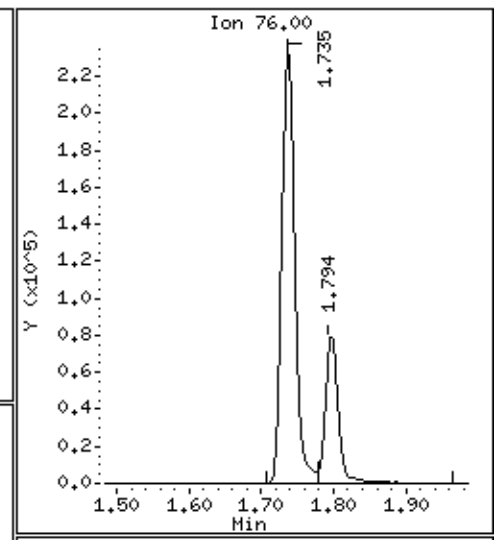
Column diameter: 0.18

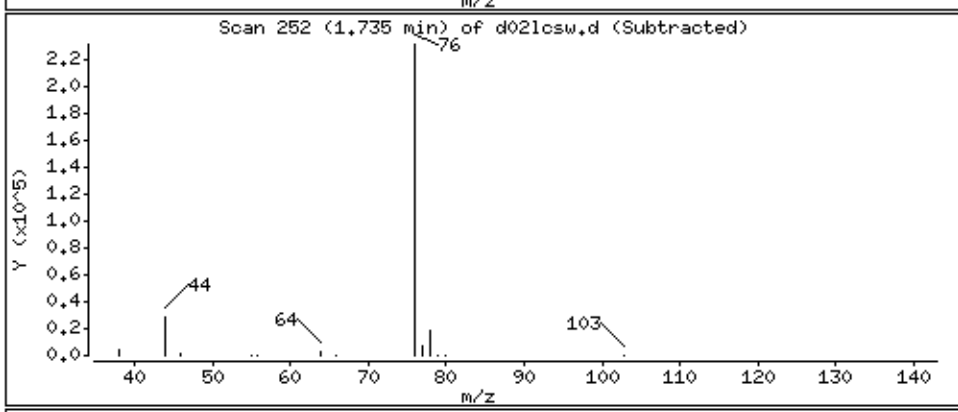
14 Carbon Disulfide

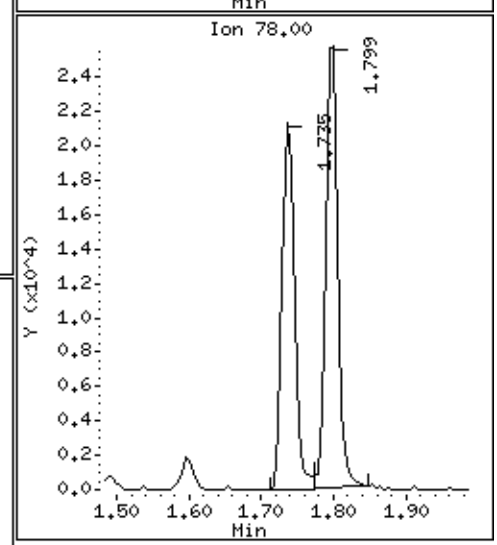
Concentration: 42.1 ppb

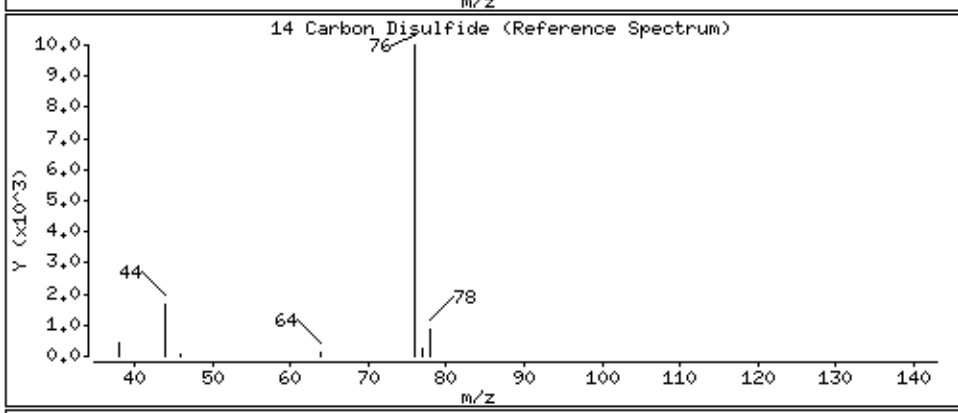
Review Code:

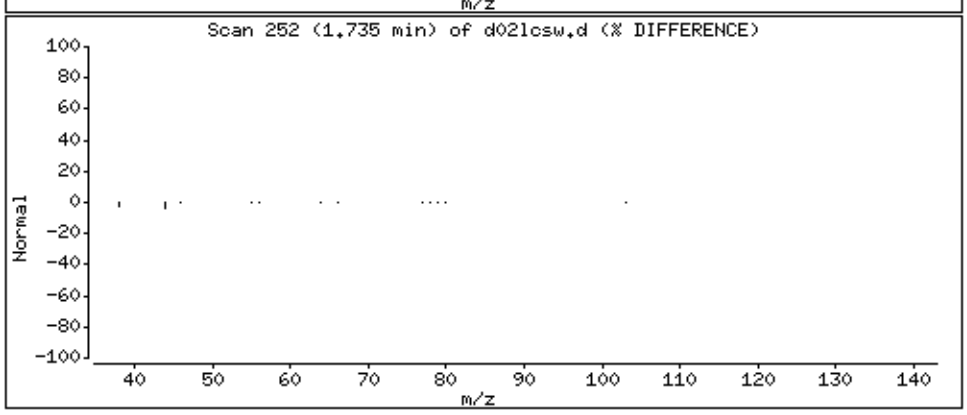












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

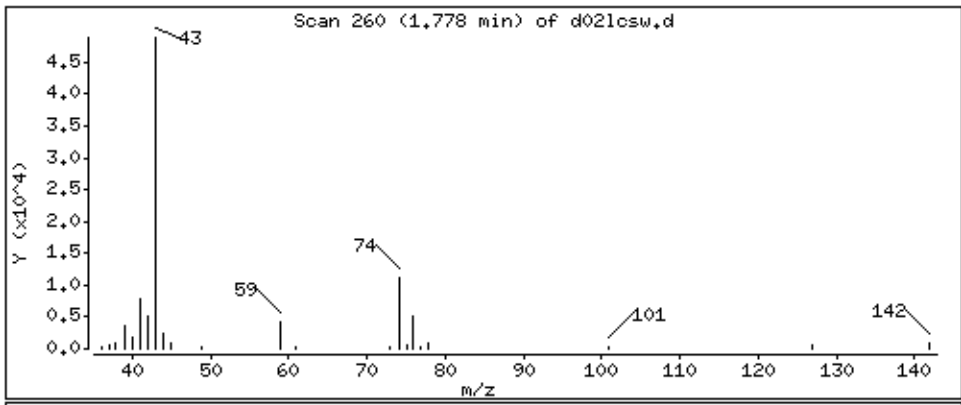
Column phase: DB-624

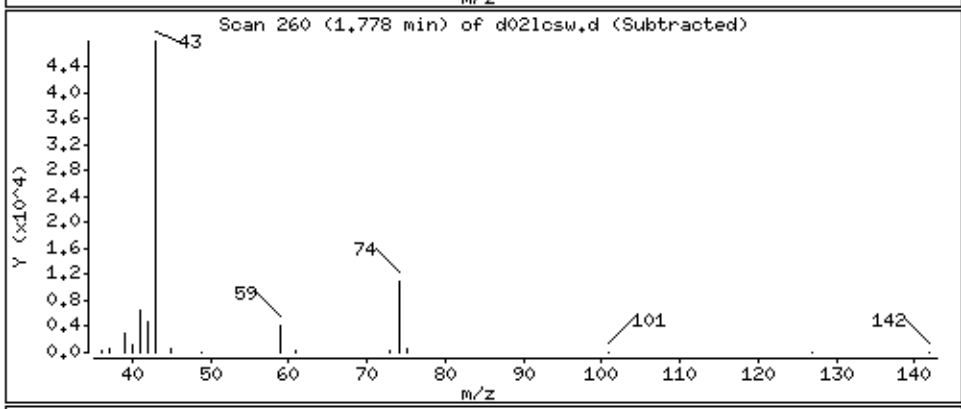
Column diameter: 0.18

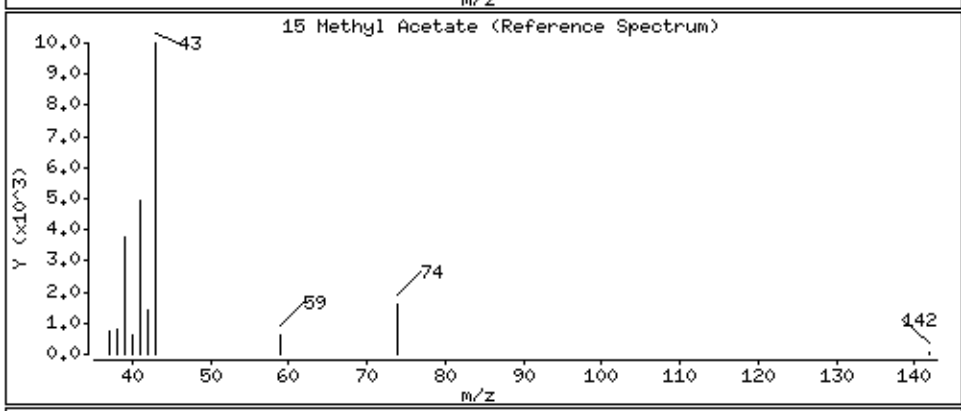
15 Methyl Acetate

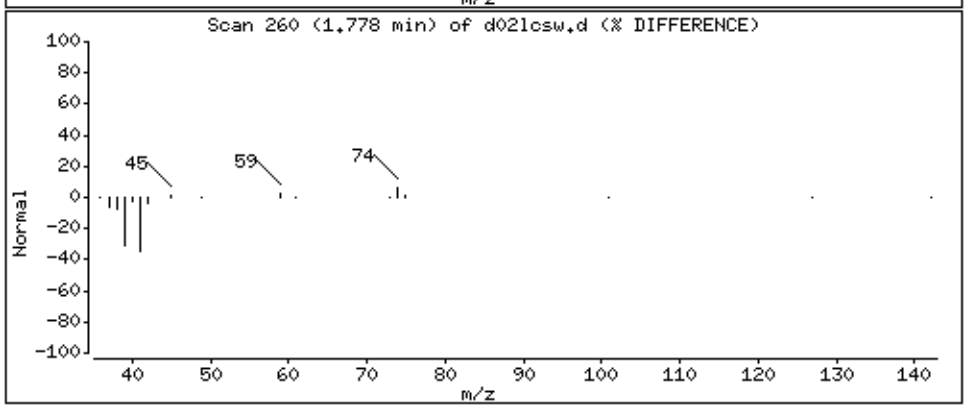
Concentration: 84.7 ppb

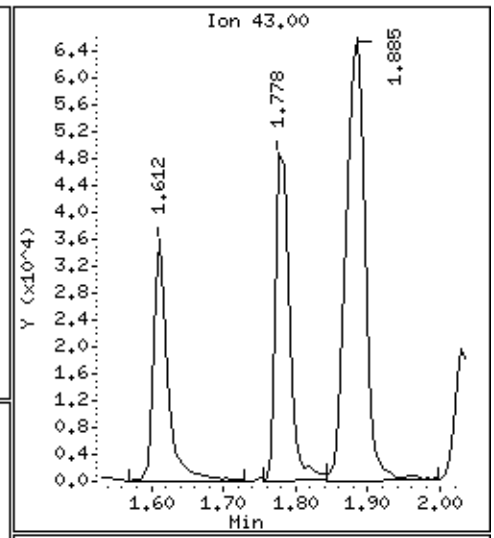
Review Code:

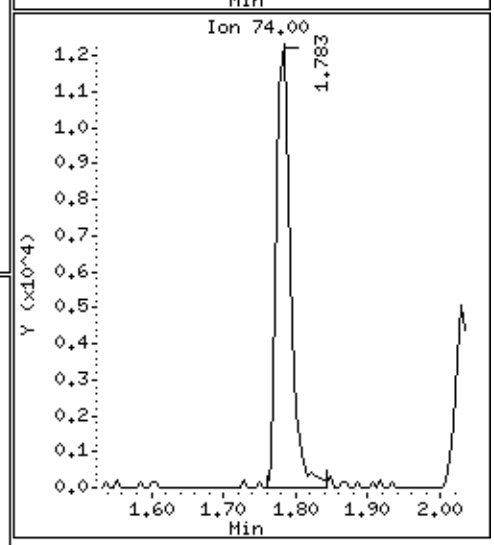












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

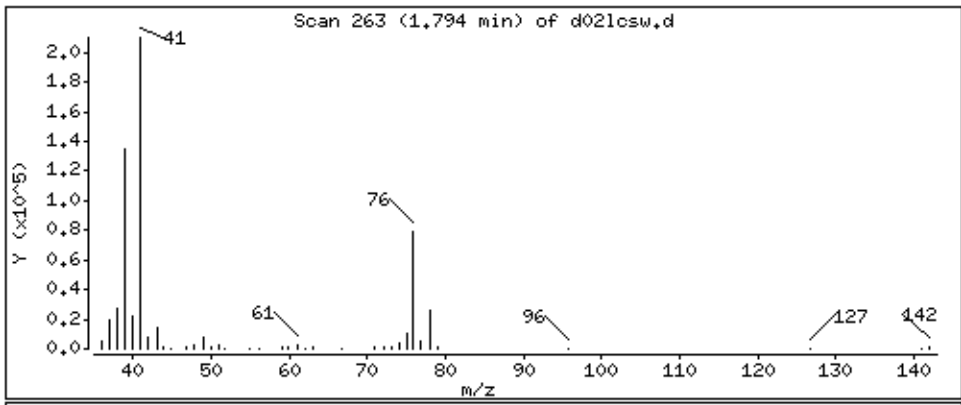
Column phase: DB-624

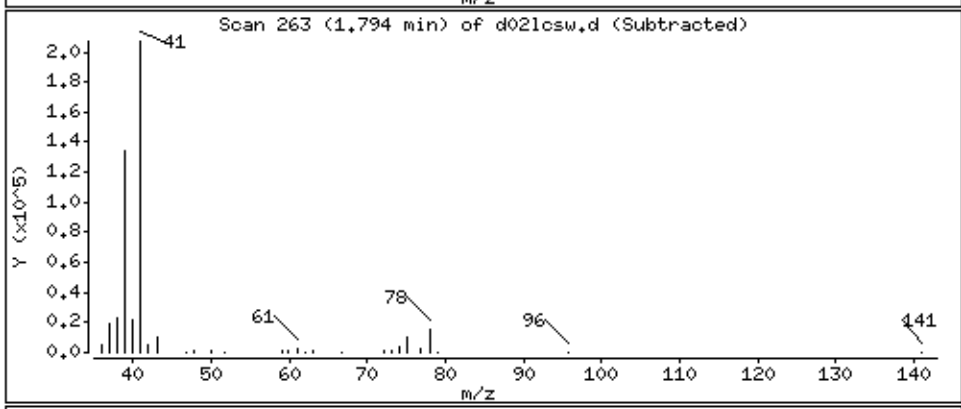
Column diameter: 0.18

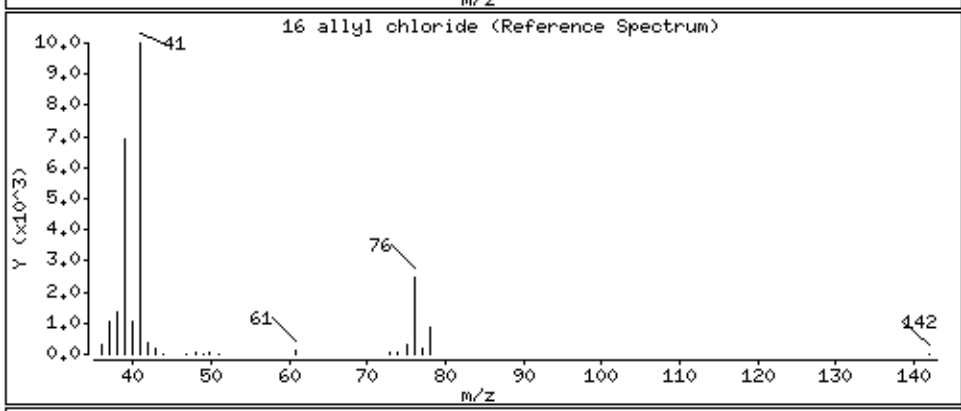
16 allyl chloride

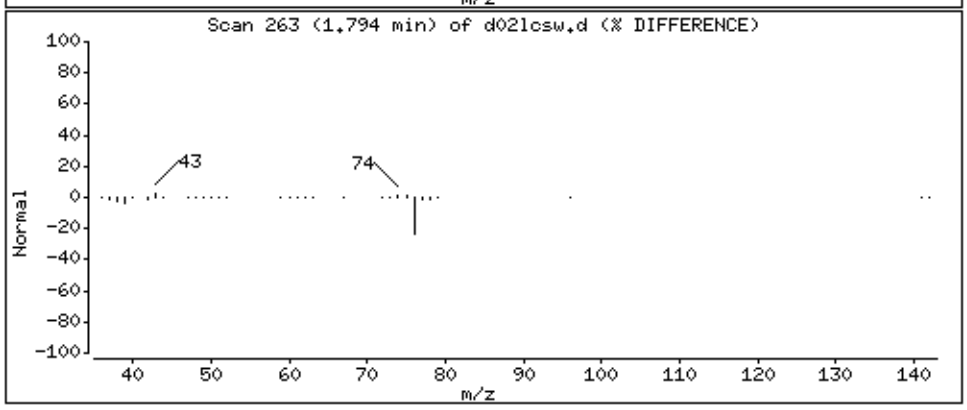
Concentration: 90.4 ppb

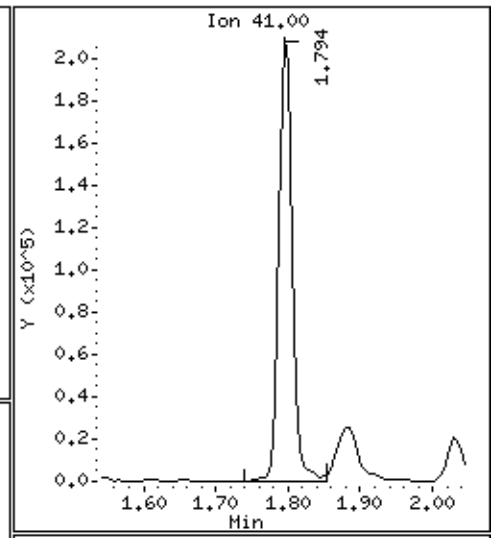
Review Code:

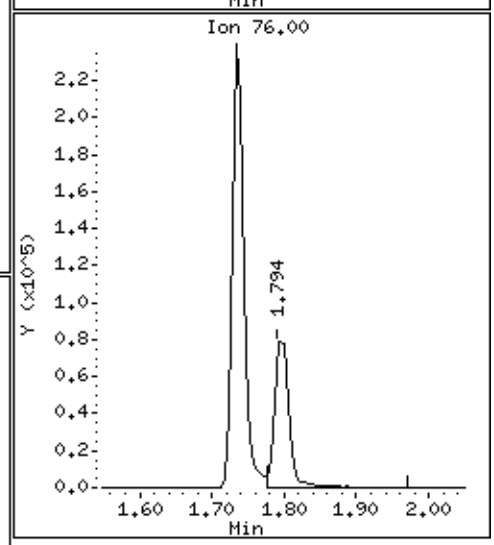












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

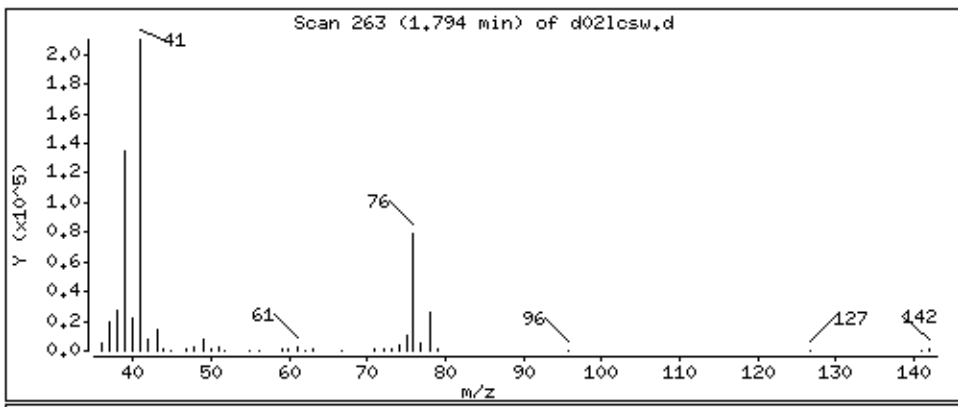
Column phase: DB-624

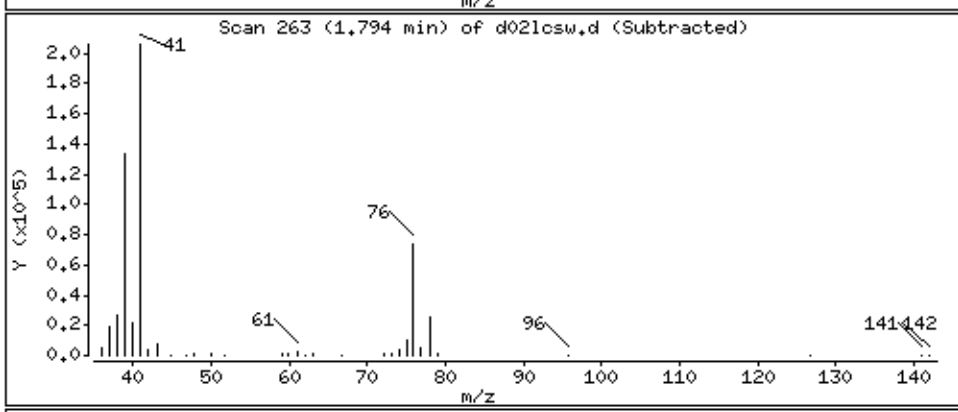
Column diameter: 0.18

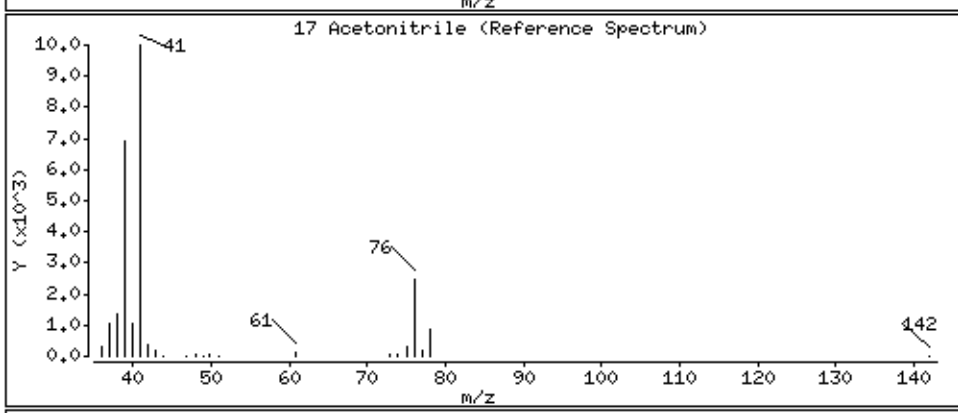
17 Acetonitrile

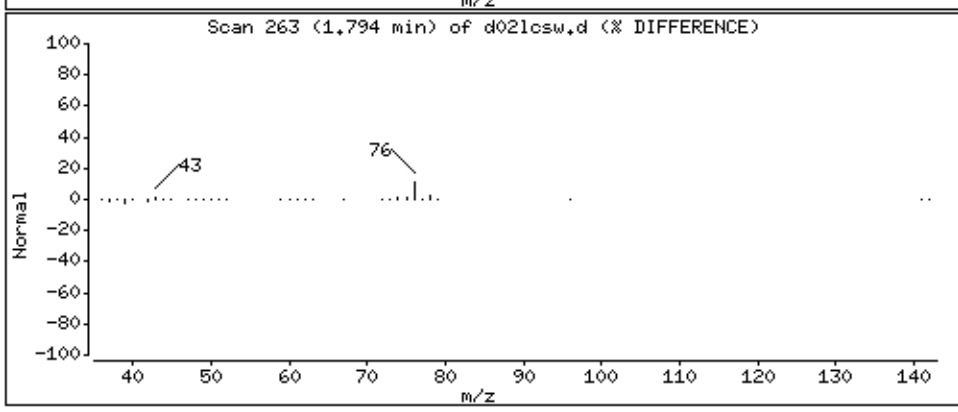
Concentration: 39.2 ppb

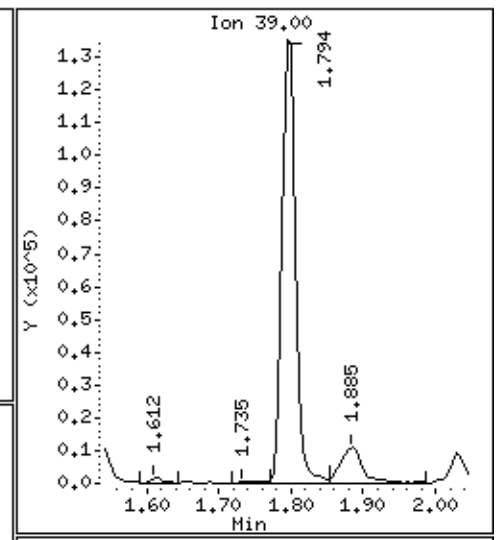
Review Code:

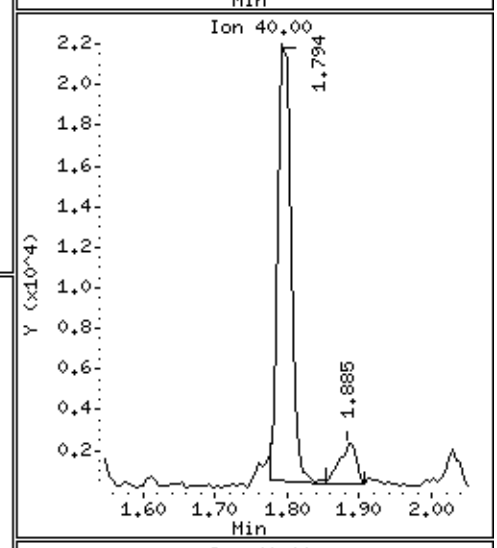


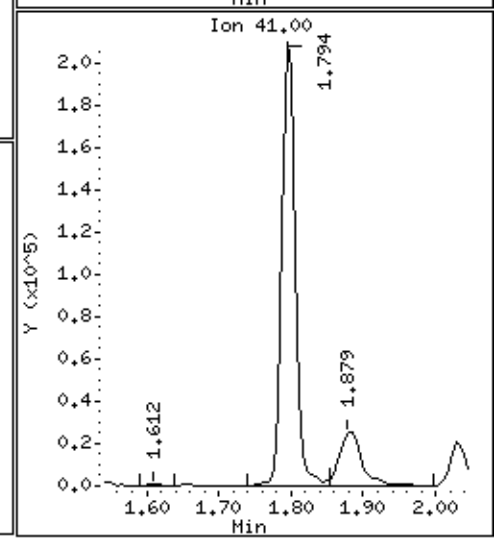












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

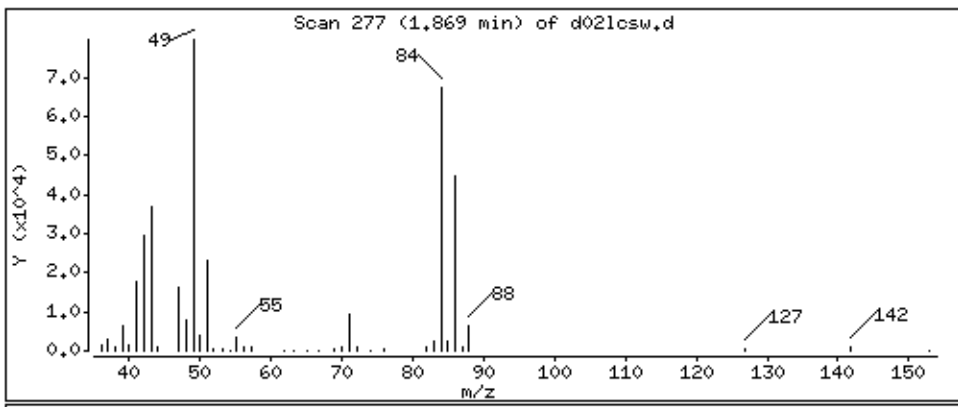
Column phase: DB-624

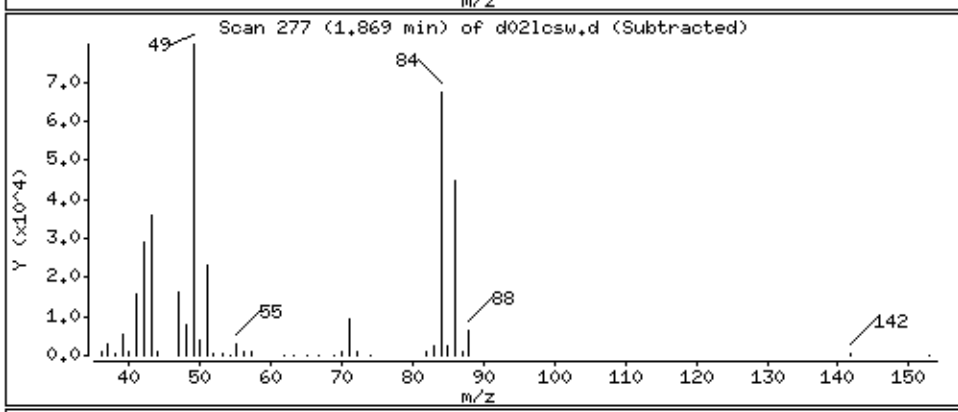
Column diameter: 0.18

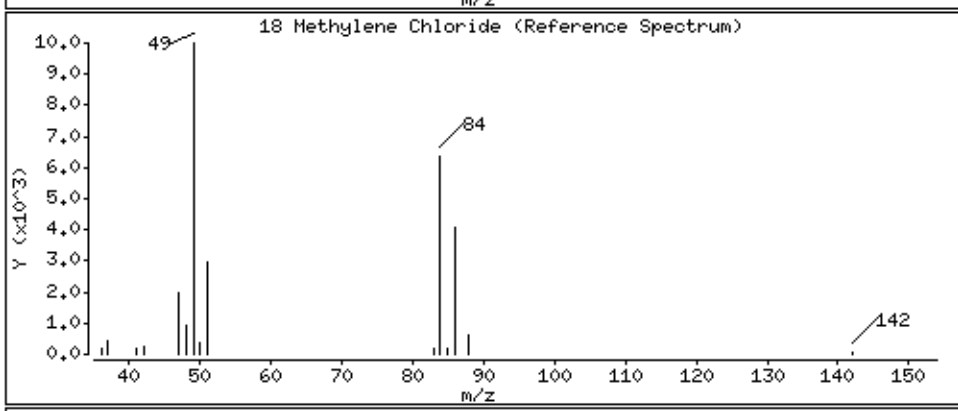
18 Methylene Chloride

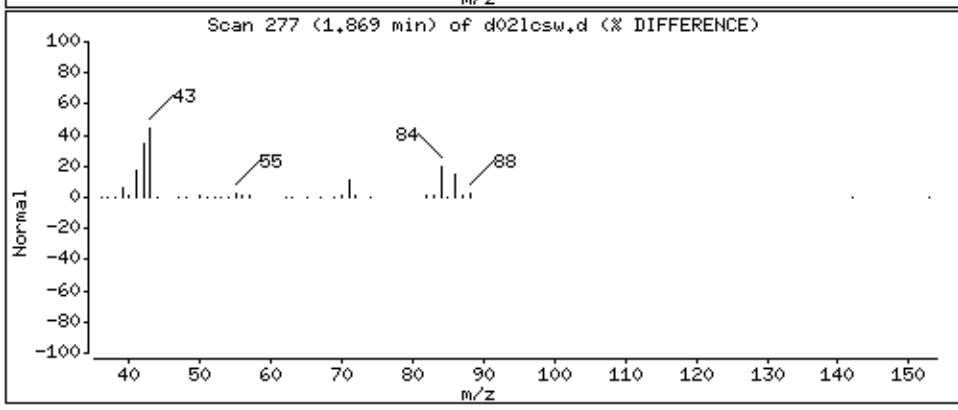
Concentration: 52.9 ppb

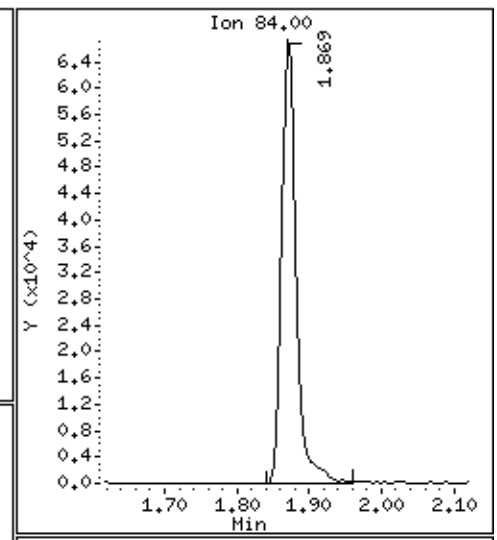
Review Code:

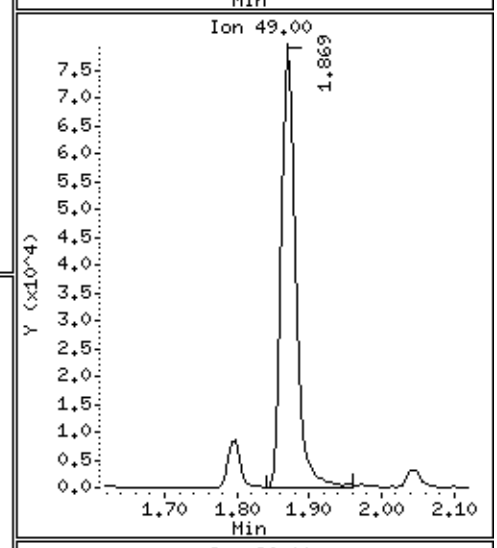


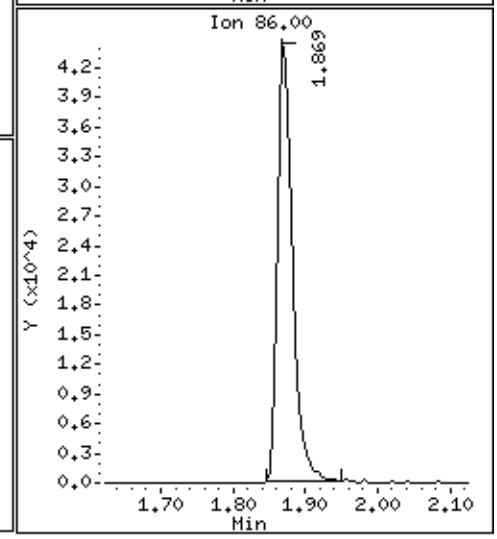












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

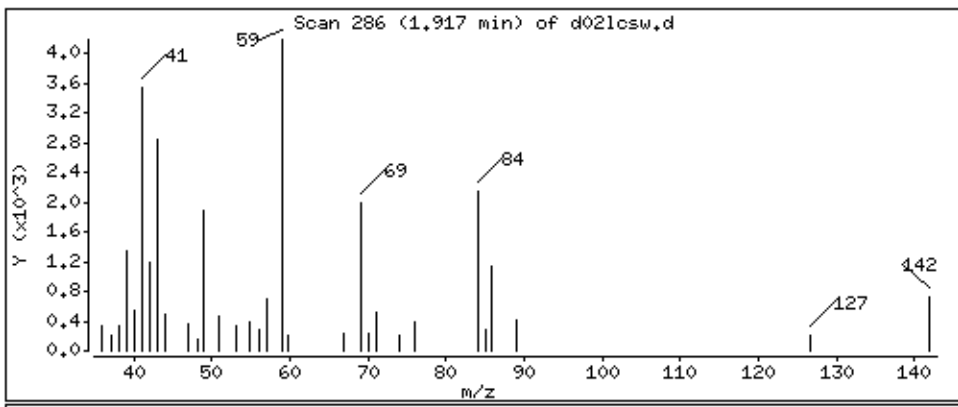
Column phase: DB-624

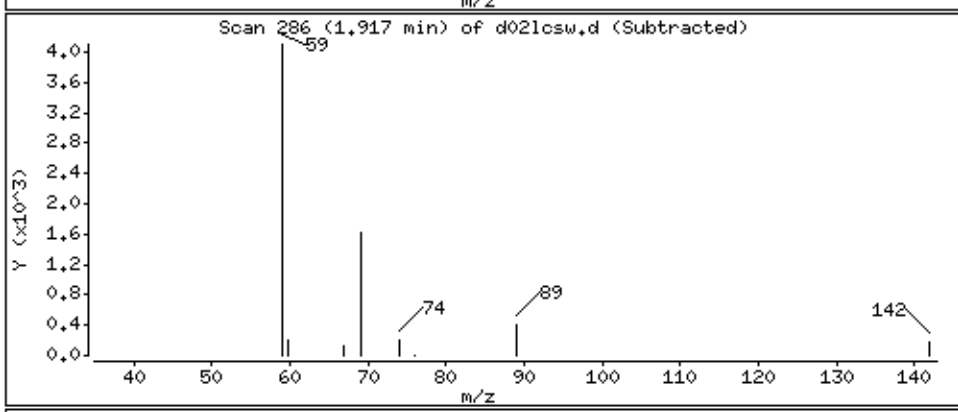
Column diameter: 0.18

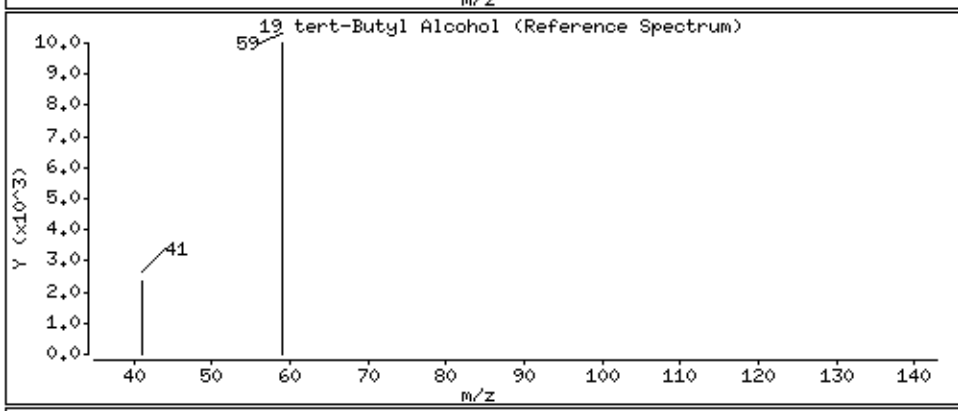
19 tert-Butyl Alcohol

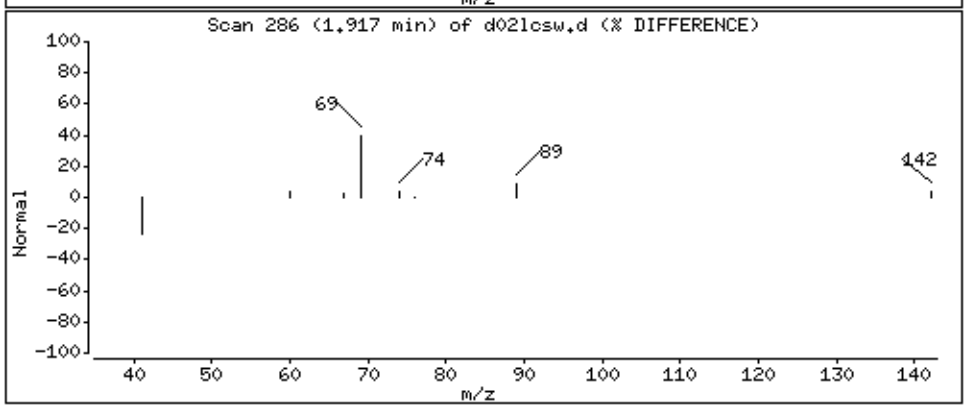
Concentration: 71.2 ppb

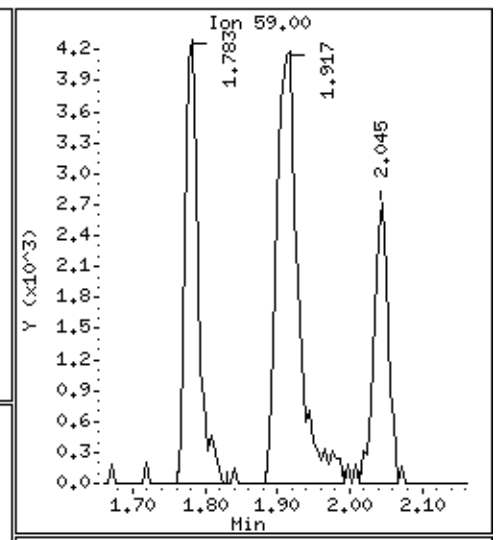
Review Code:

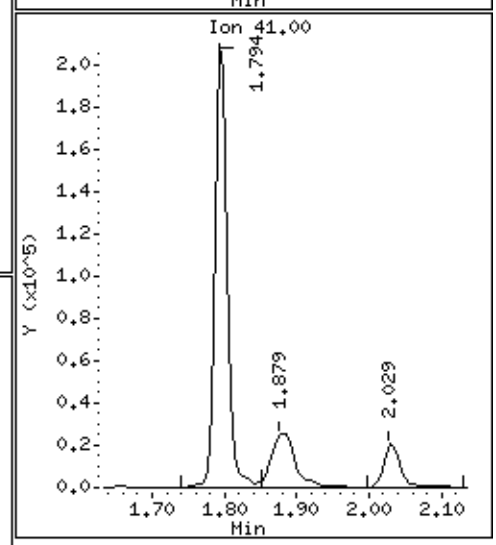












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

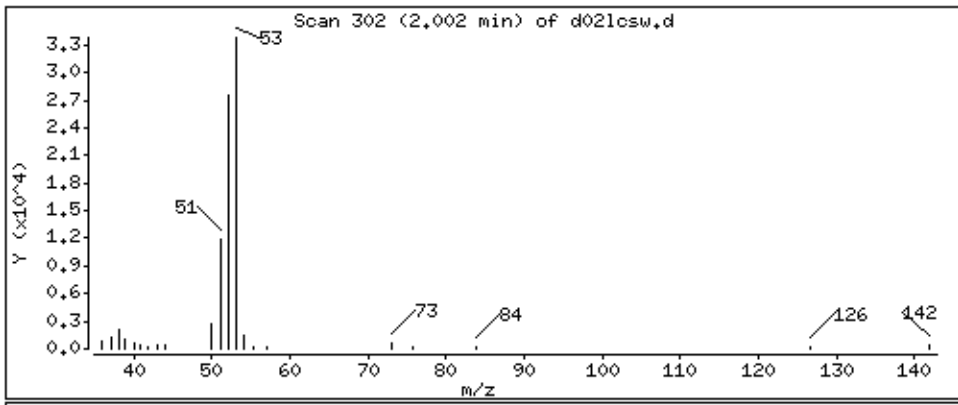
Column phase: DB-624

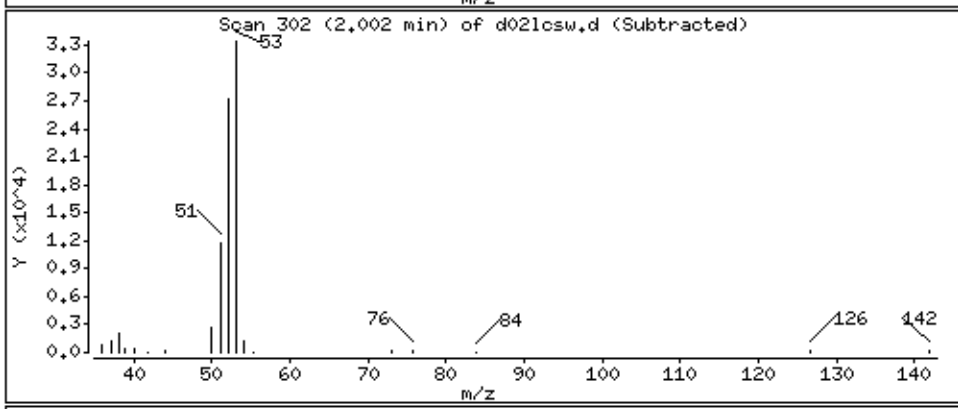
Column diameter: 0.18

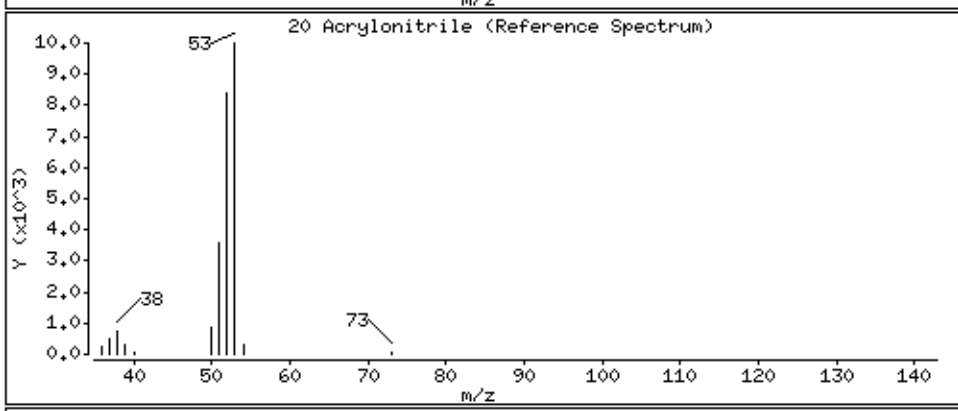
20 Acrylonitrile

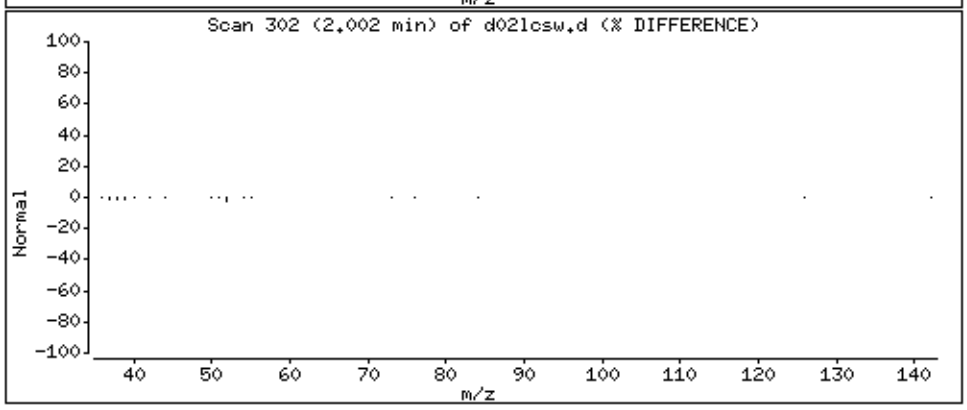
Concentration: 167 ppb

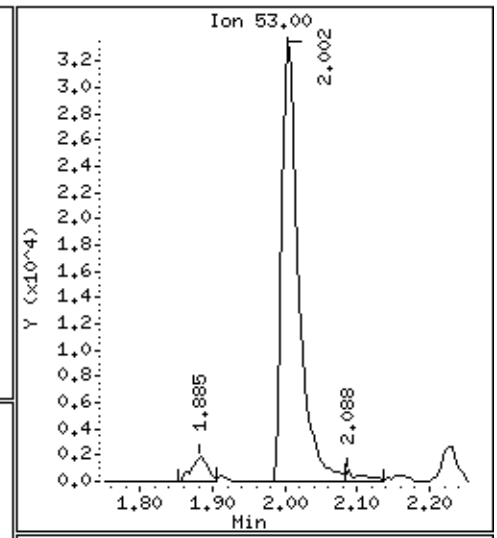
Review Code:

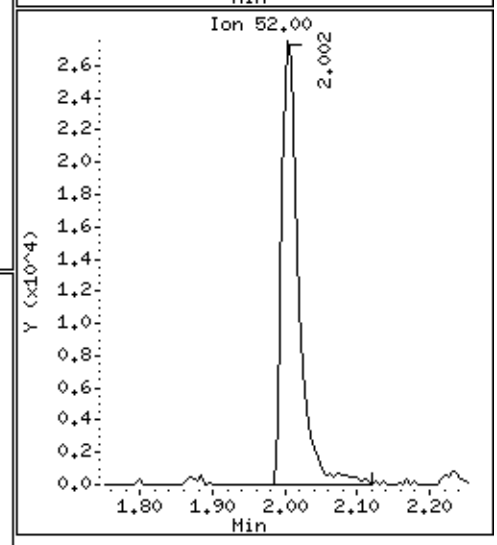












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

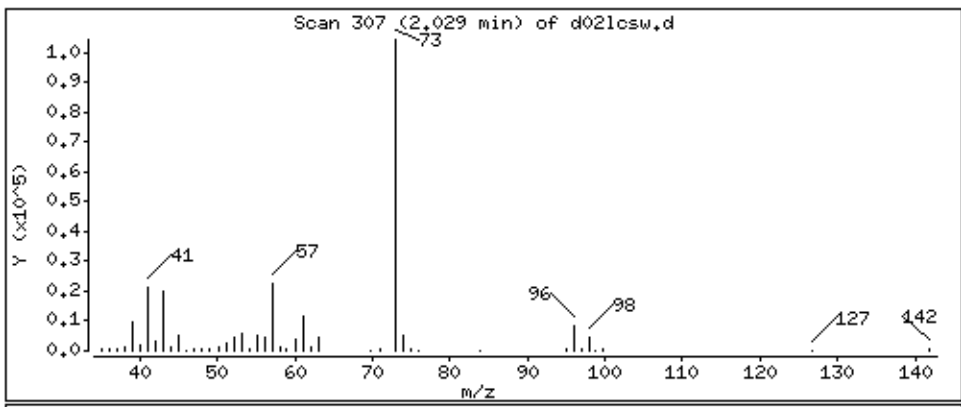
Column phase: DB-624

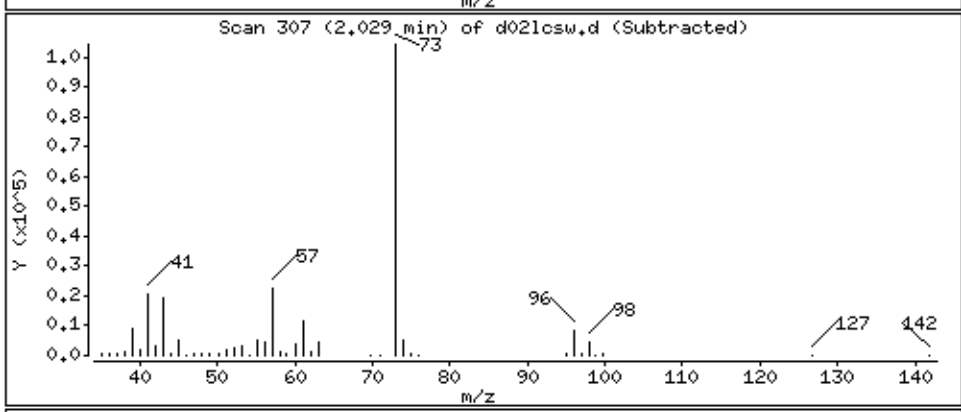
Column diameter: 0.18

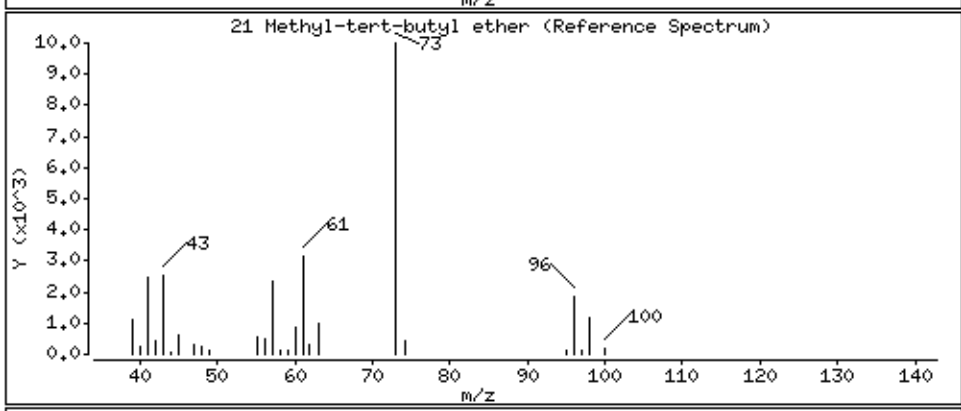
21 Methyl-tert-butyl ether

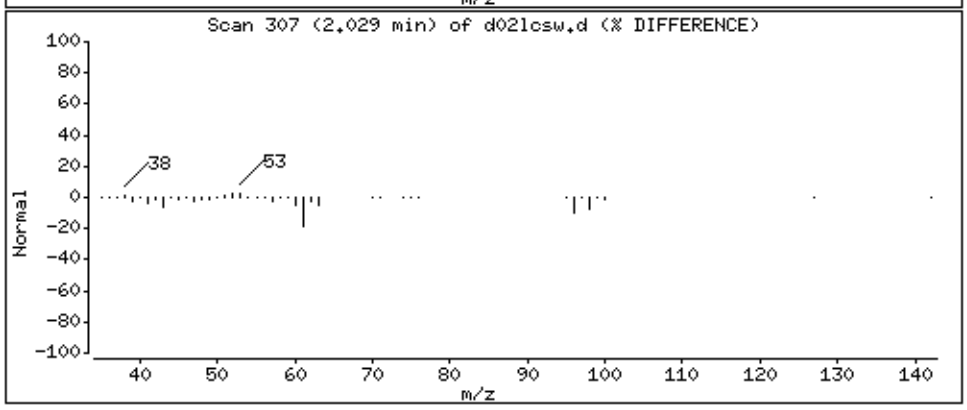
Concentration: 41.4 ppb

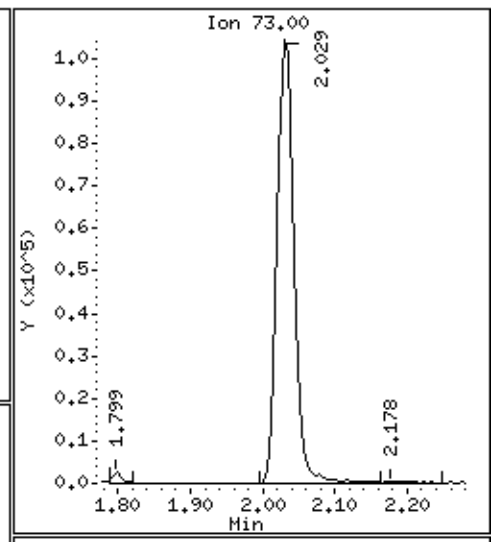
Review Code:

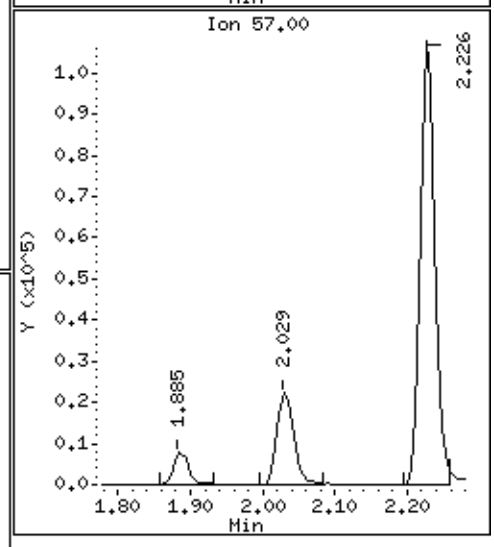












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

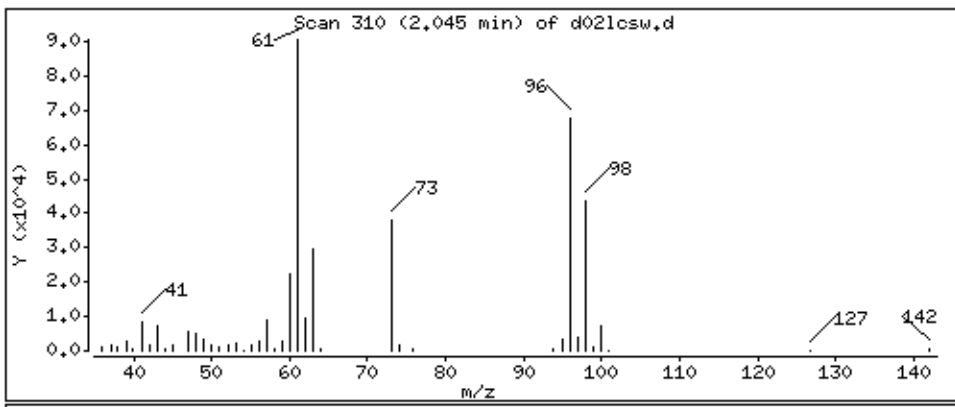
Column phase: DB-624

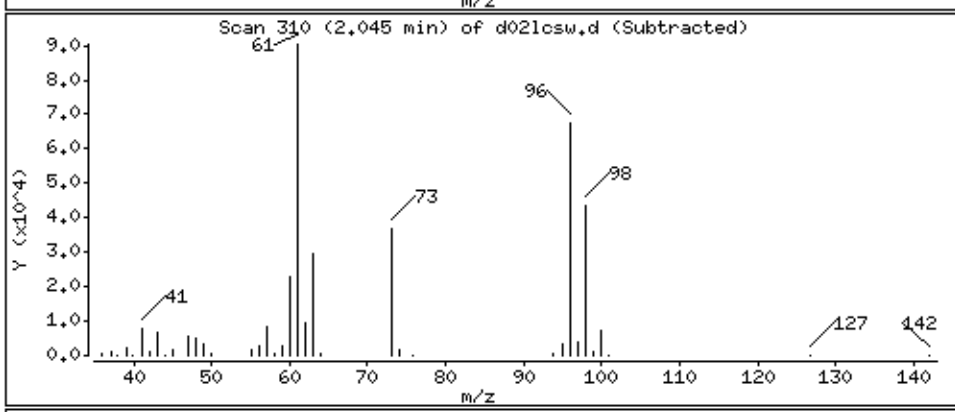
Column diameter: 0.18

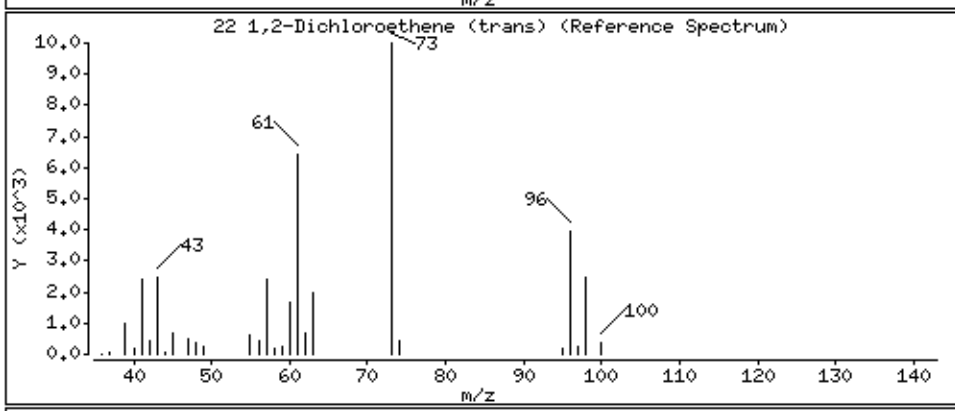
22 1,2-Dichloroethene (trans)

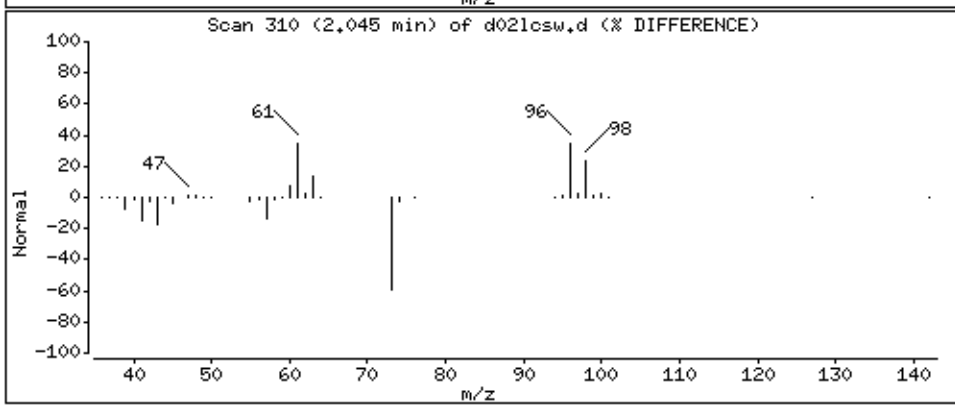
Concentration: 44.2 ppb

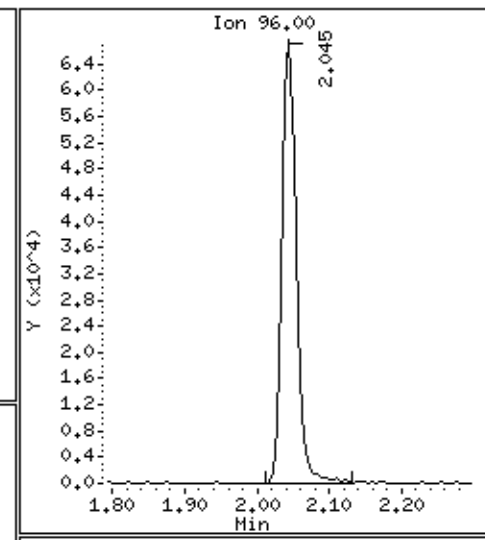
Review Code:

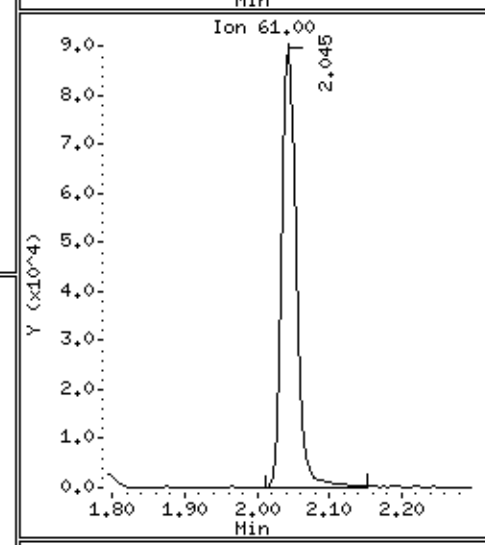


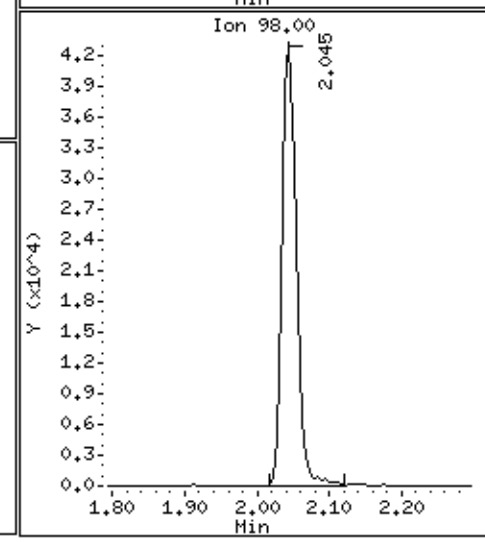












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

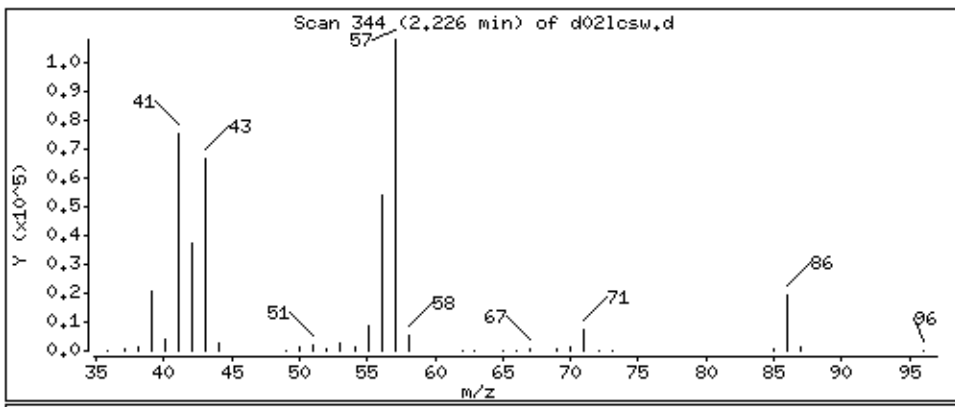
Column phase: DB-624

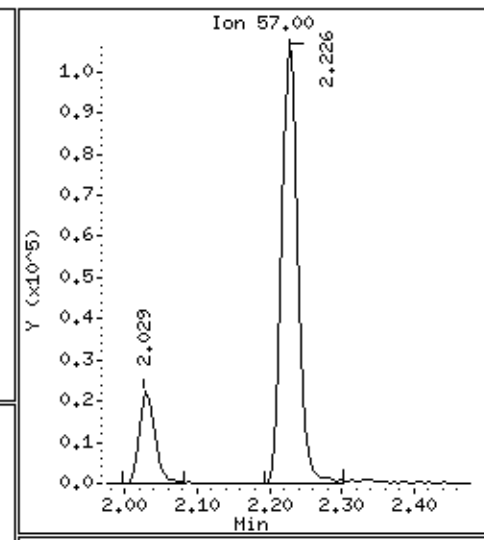
Column diameter: 0.18

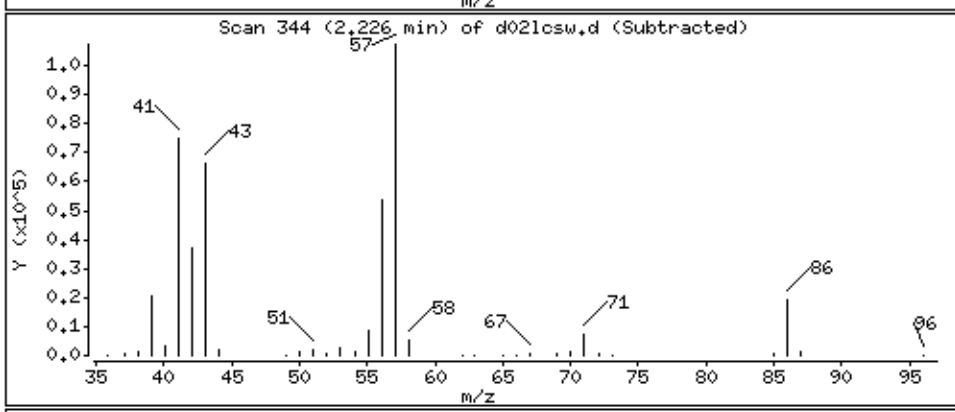
23 n-Hexane

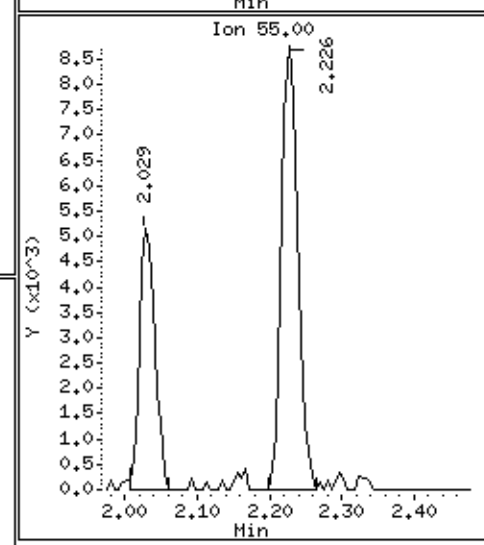
Concentration: 40.7 ppb

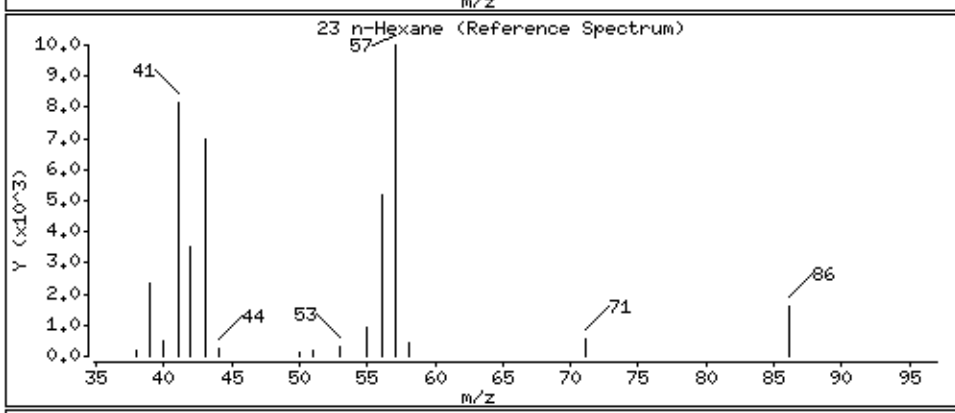
Review Code:

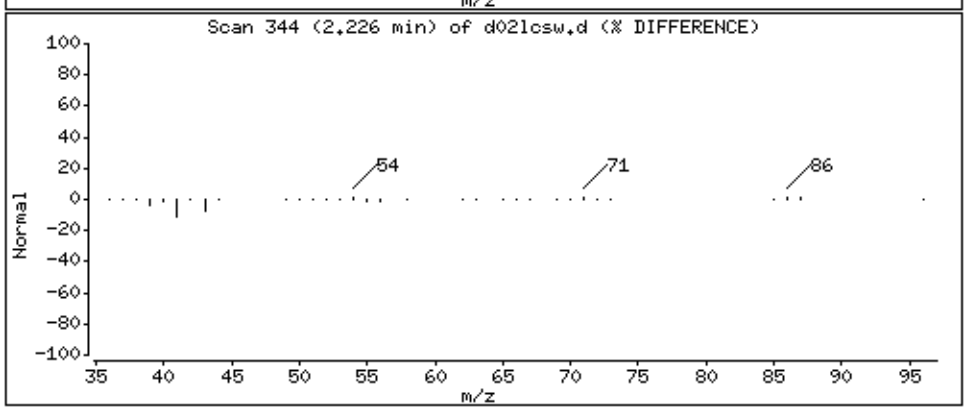












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

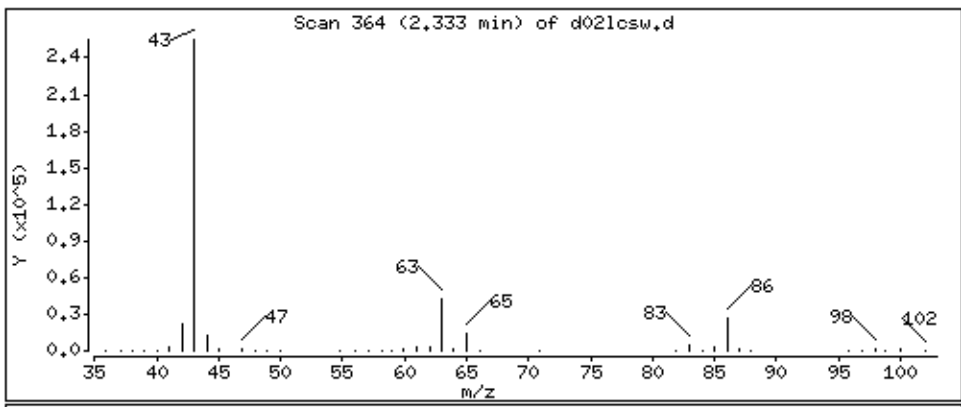
Column phase: DB-624

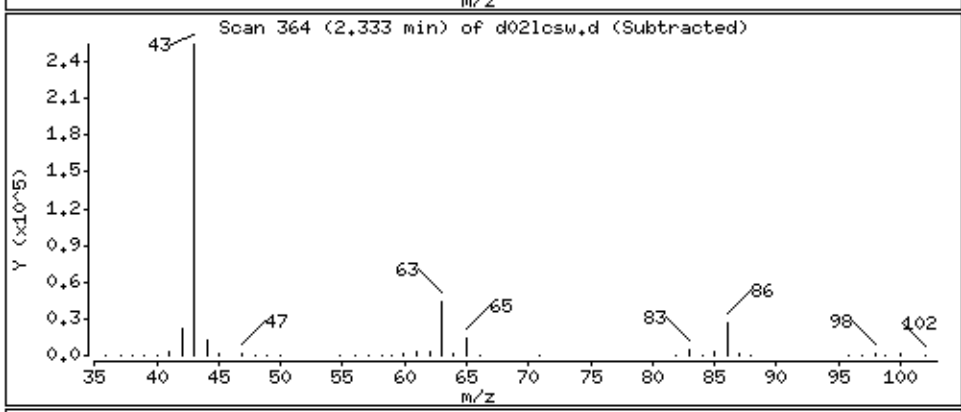
Column diameter: 0.18

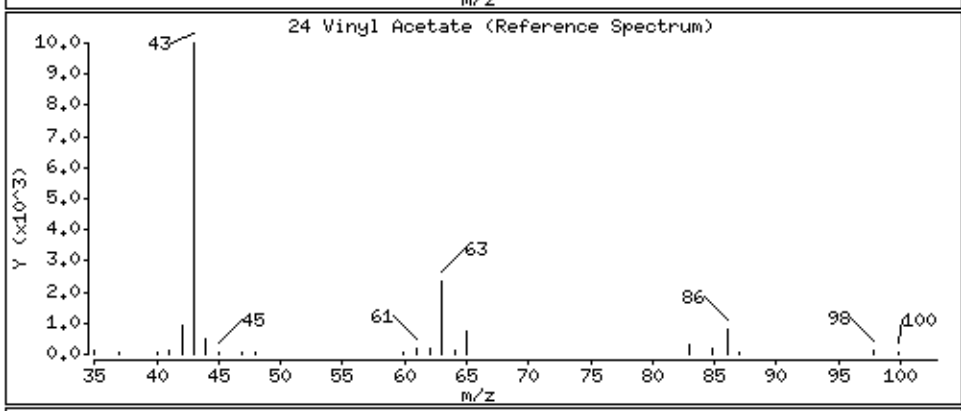
24 Vinyl Acetate

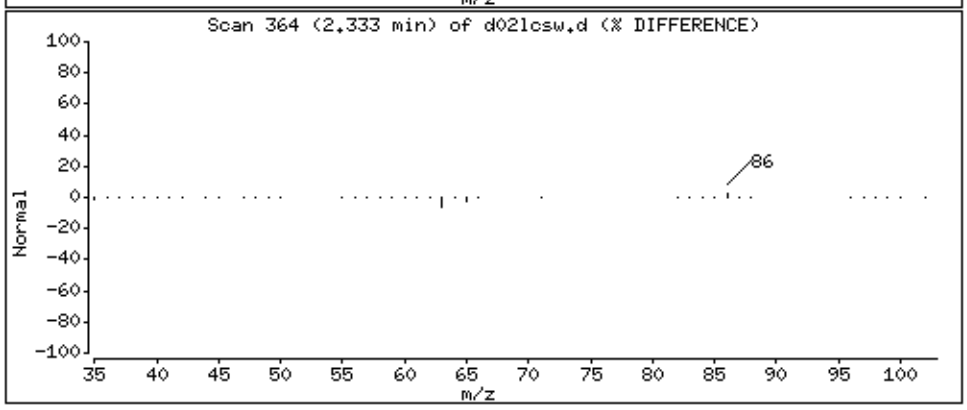
Concentration: 162 ppb

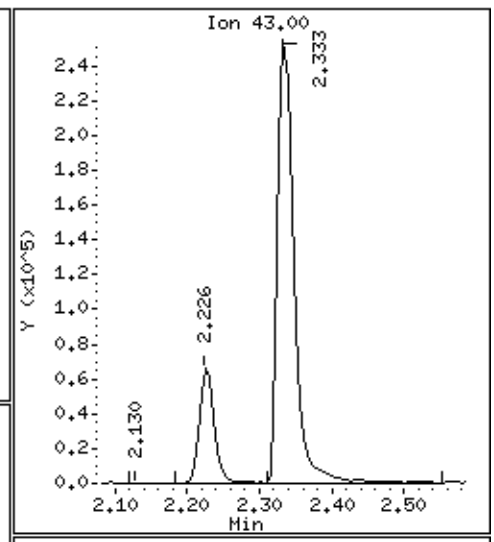
Review Code:

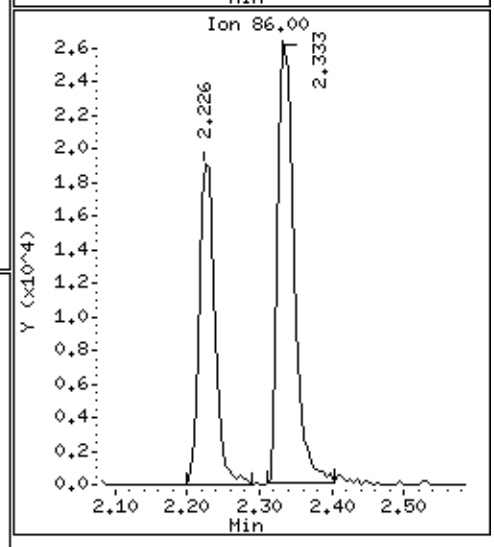












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

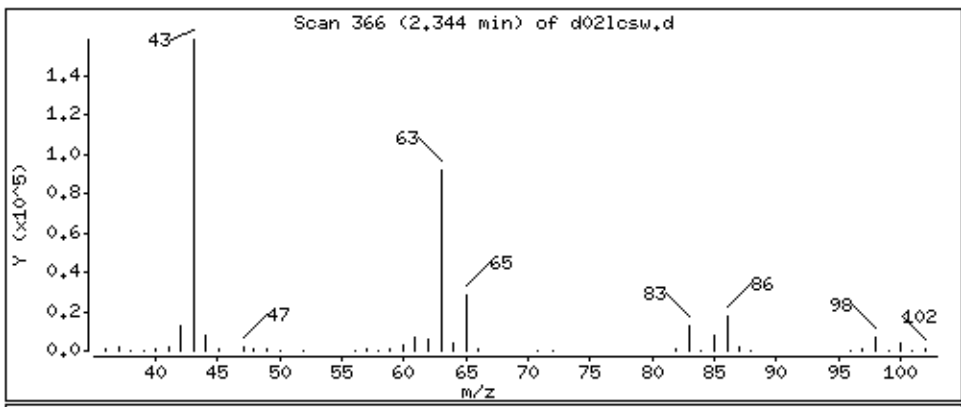
Column phase: DB-624

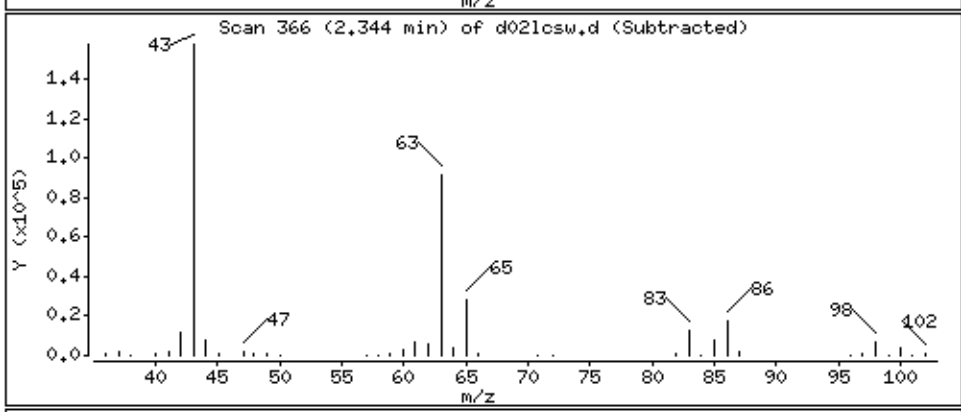
Column diameter: 0.18

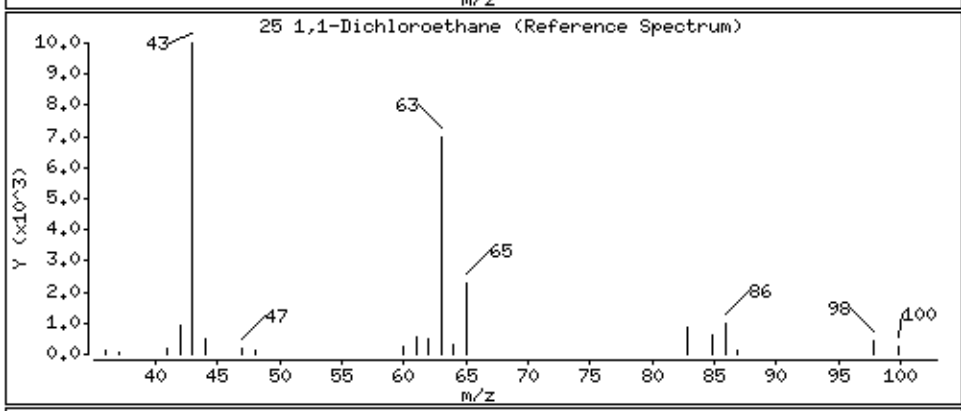
25 1,1-Dichloroethane

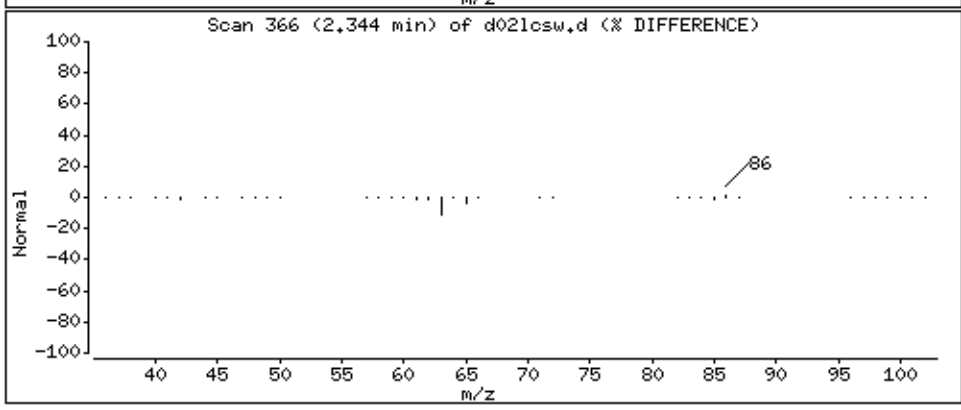
Concentration: 41.8 ppb

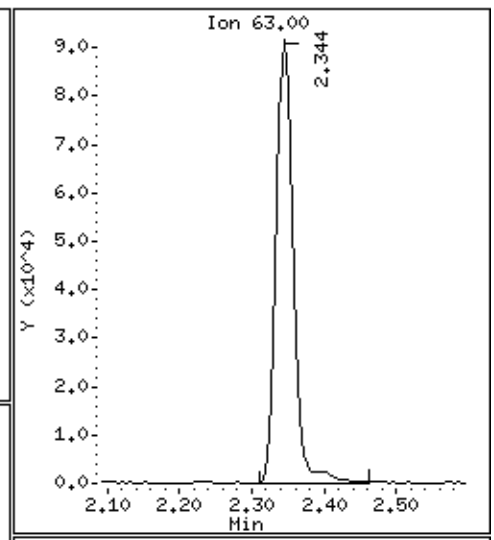
Review Code:

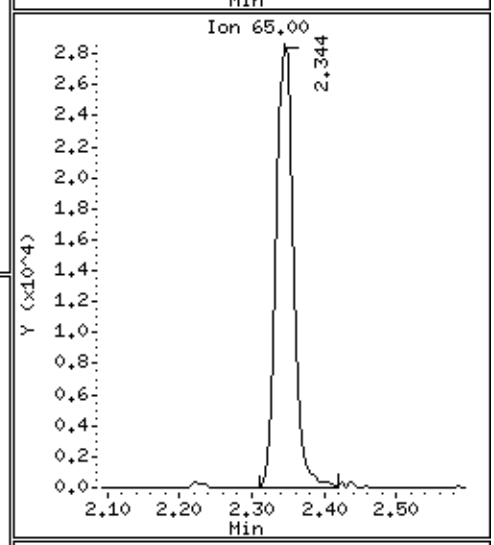


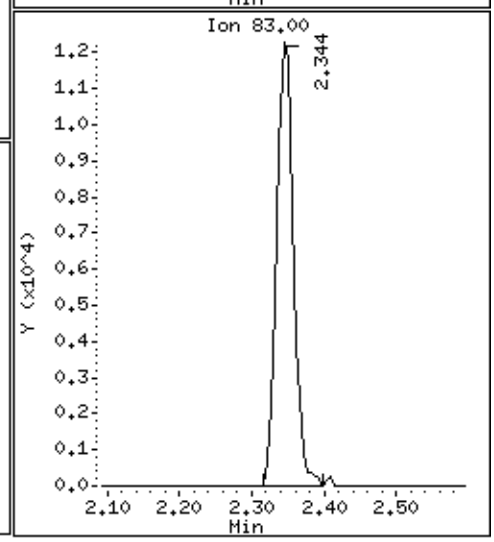












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

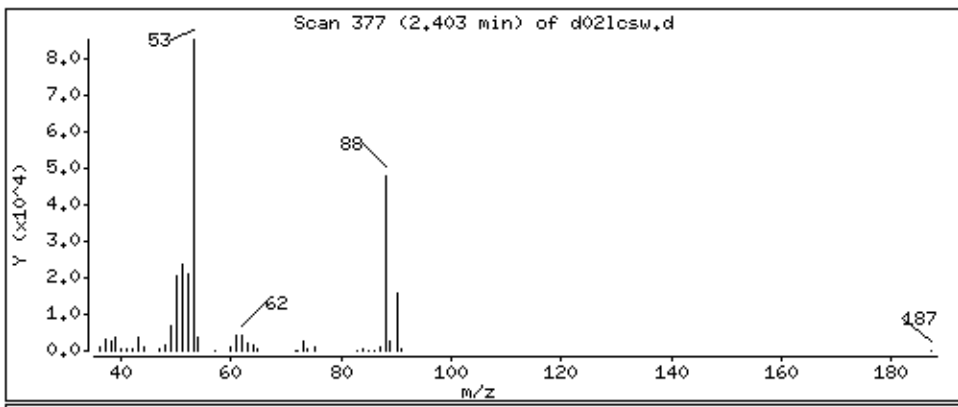
Column phase: DB-624

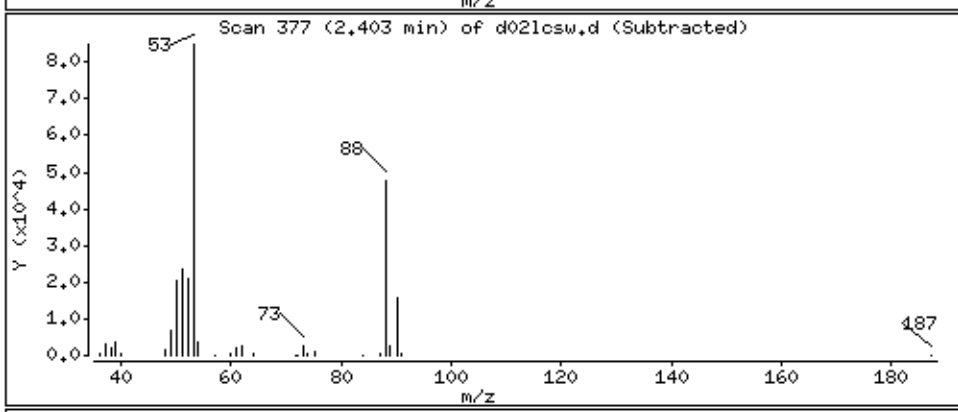
Column diameter: 0.18

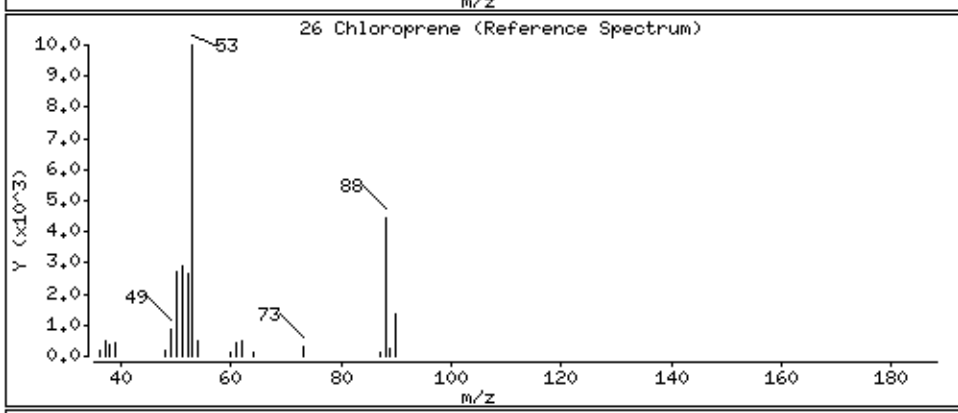
26 Chloroprene

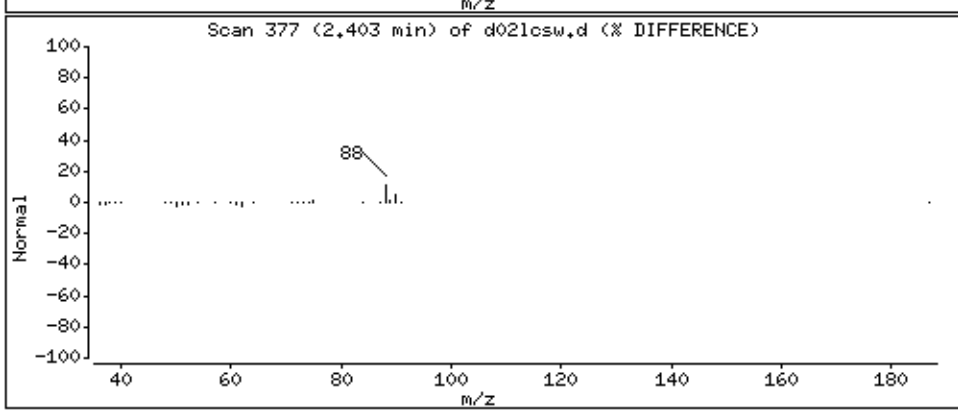
Concentration: 38.8 ppb

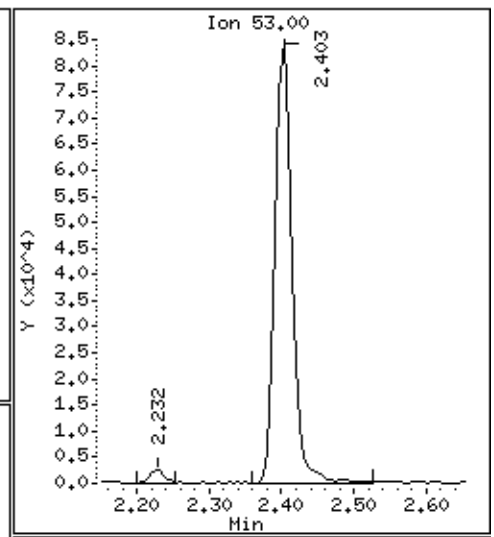
Review Code:

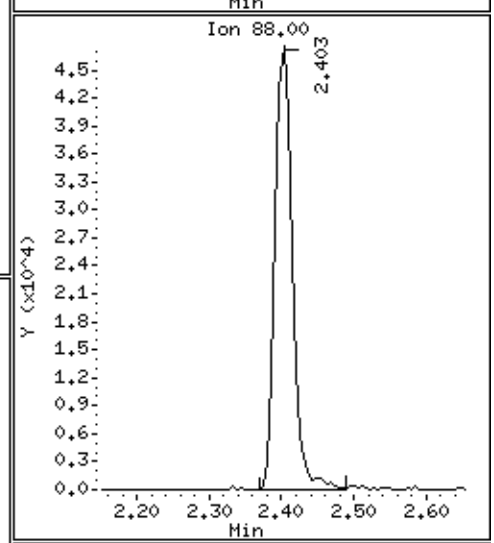


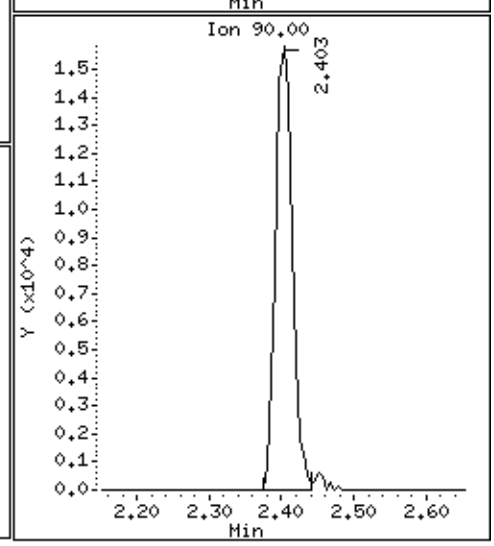












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

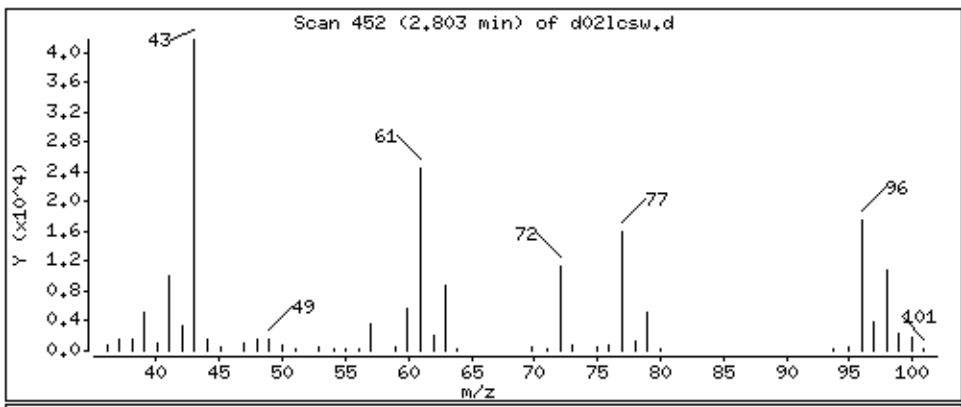
Column phase: DB-624

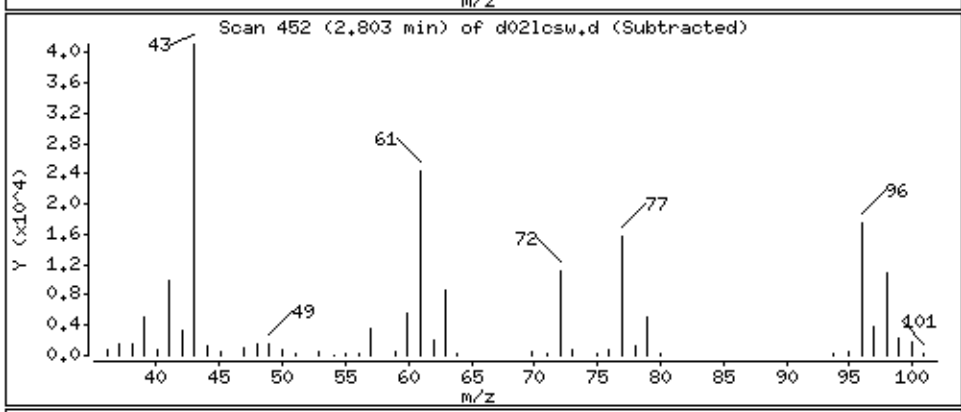
Column diameter: 0.18

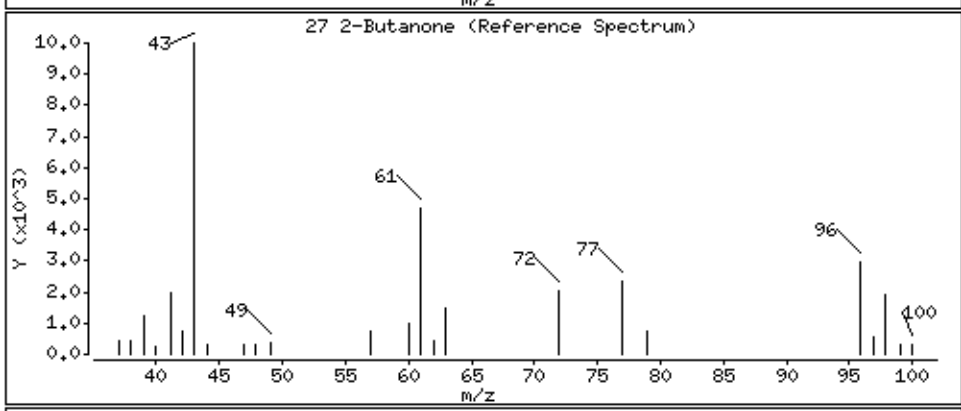
27 2-Butanone

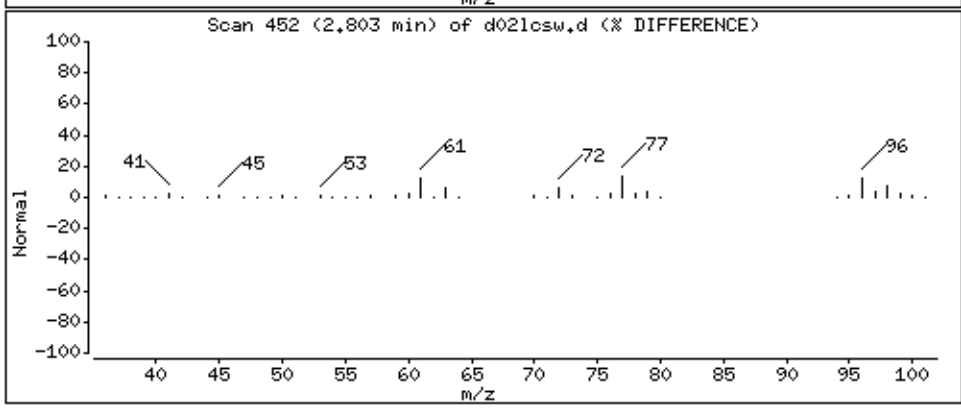
Concentration: 249 ppb

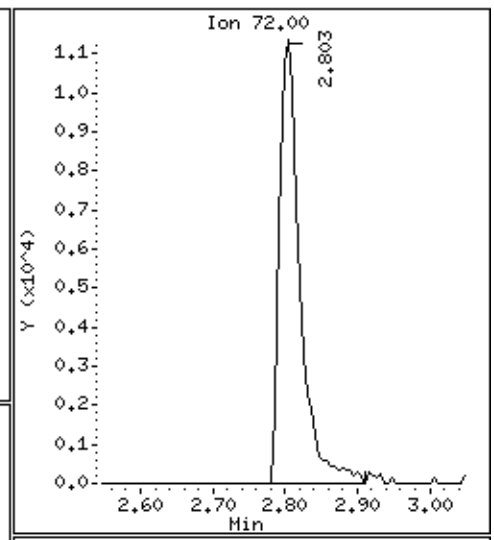
Review Code:

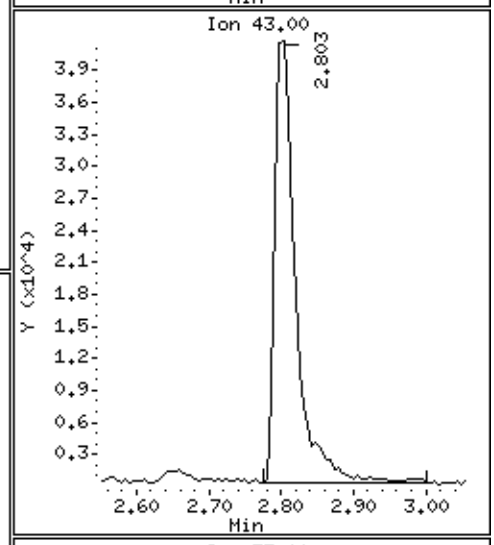


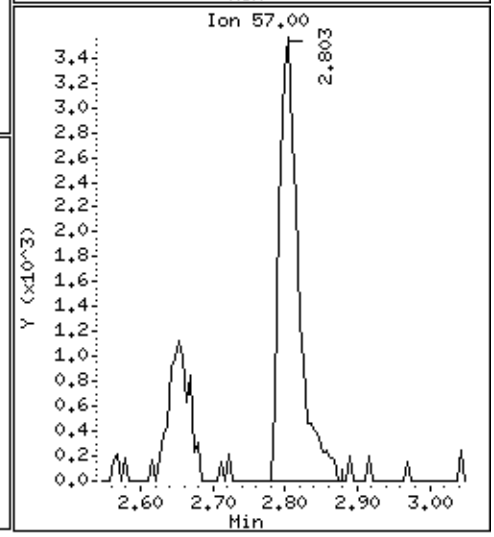












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

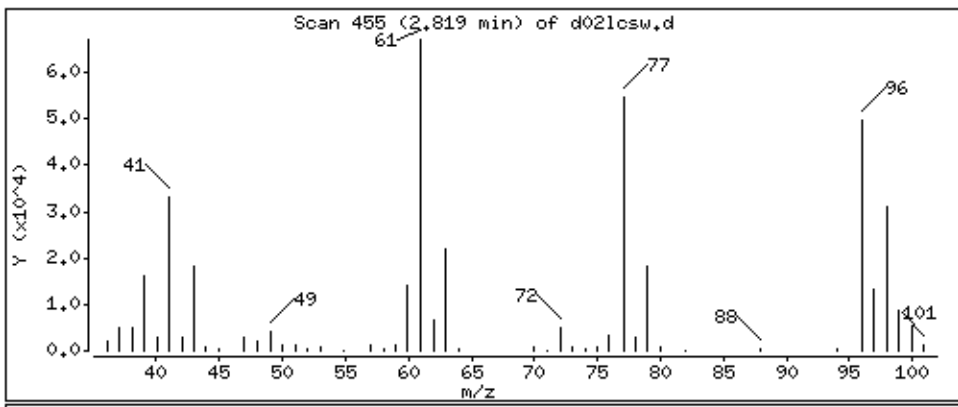
Column phase: DB-624

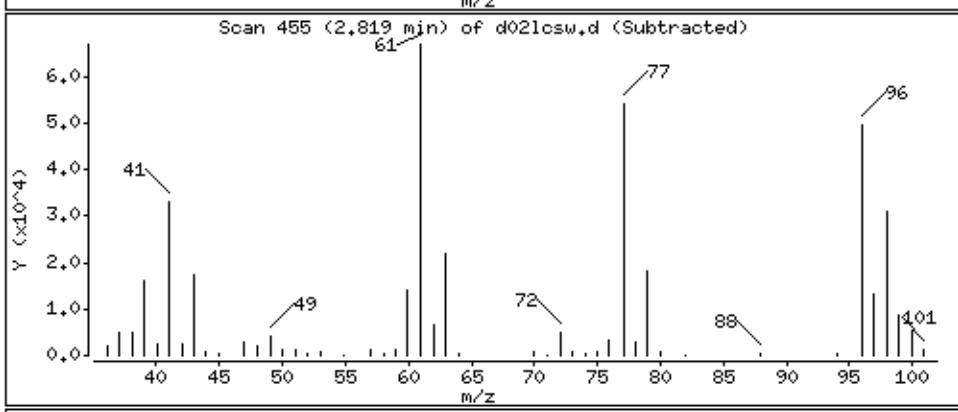
Column diameter: 0.18

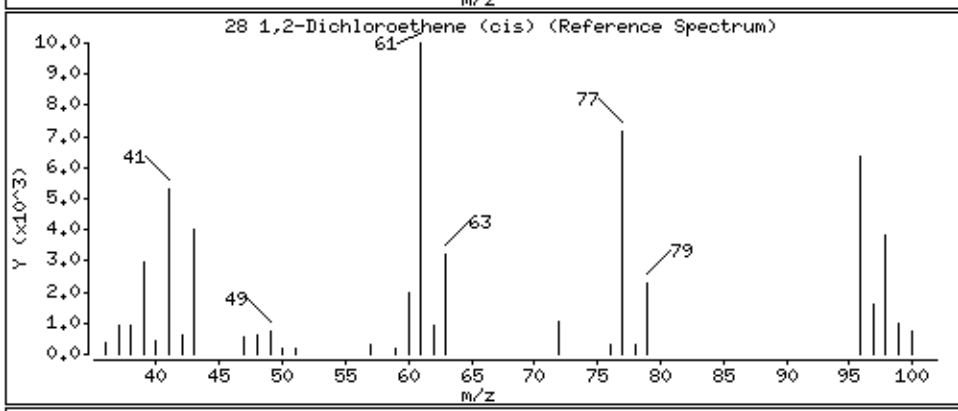
28 1,2-Dichloroethene (cis)

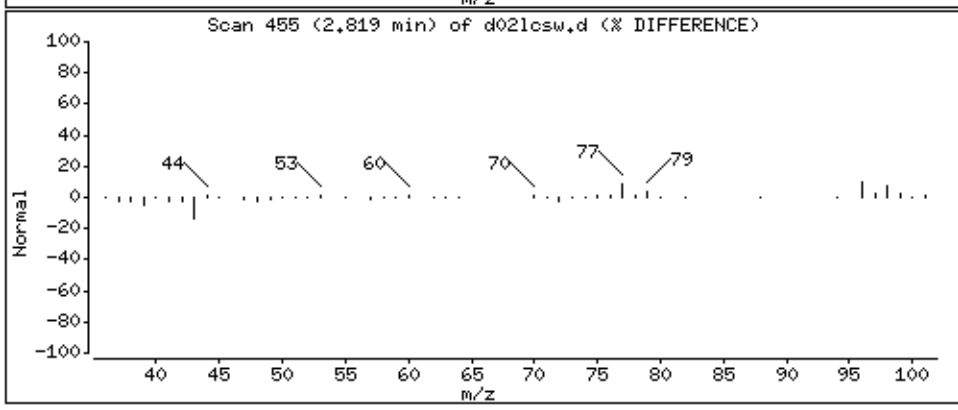
Concentration: 42.0 ppb

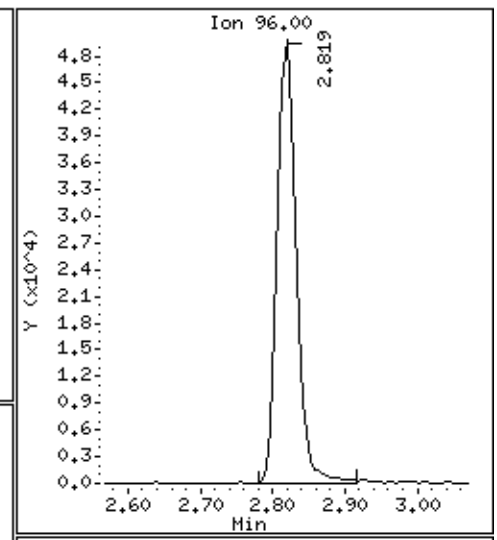
Review Code:

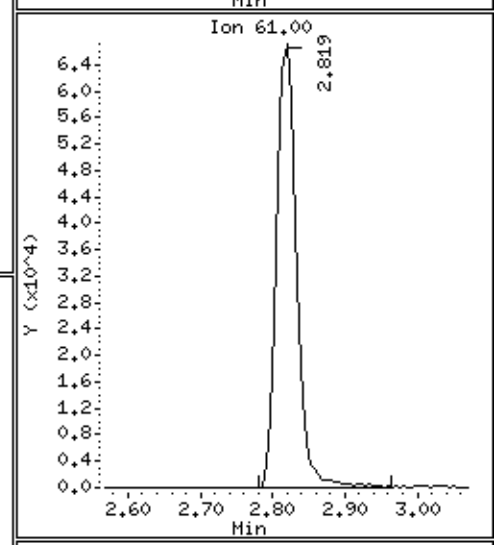


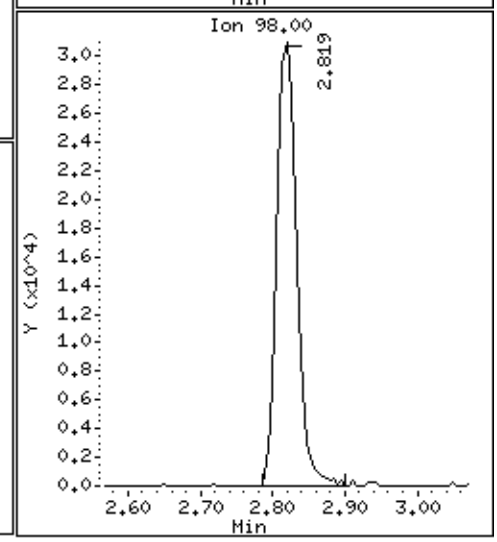












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

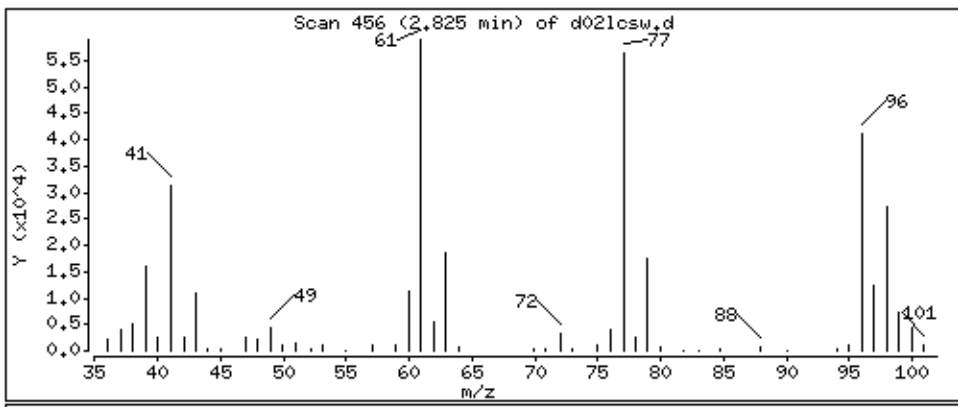
Column phase: DB-624

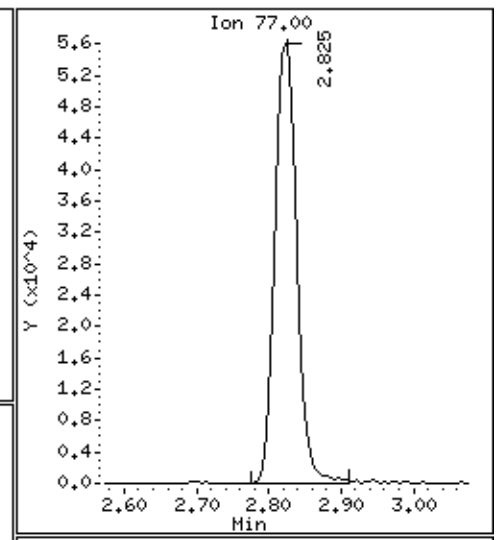
Column diameter: 0.18

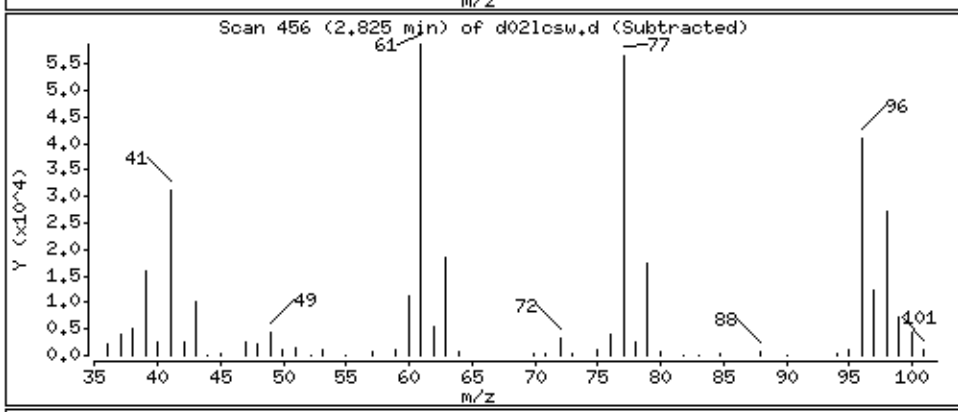
29 2,2-Dichloropropane

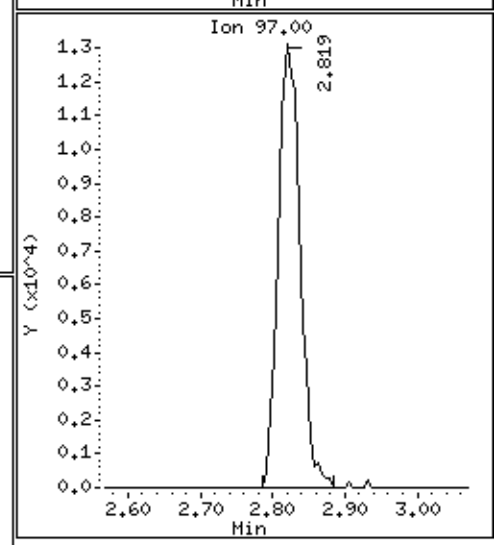
Concentration: 35.4 ppb

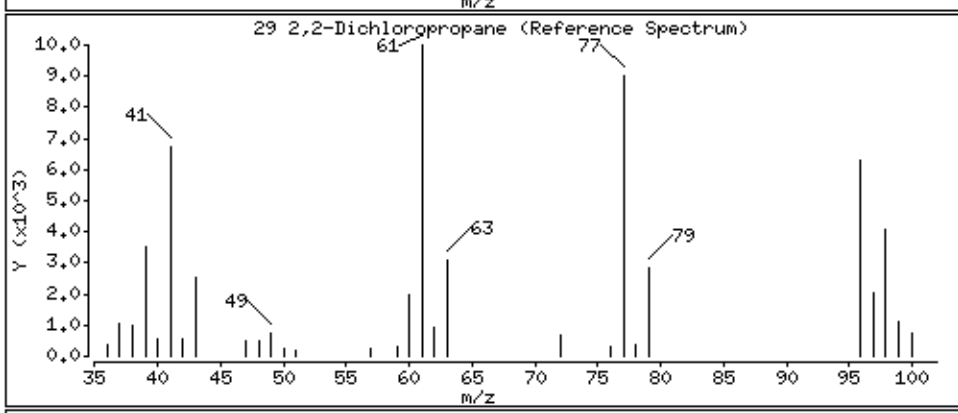
Review Code:

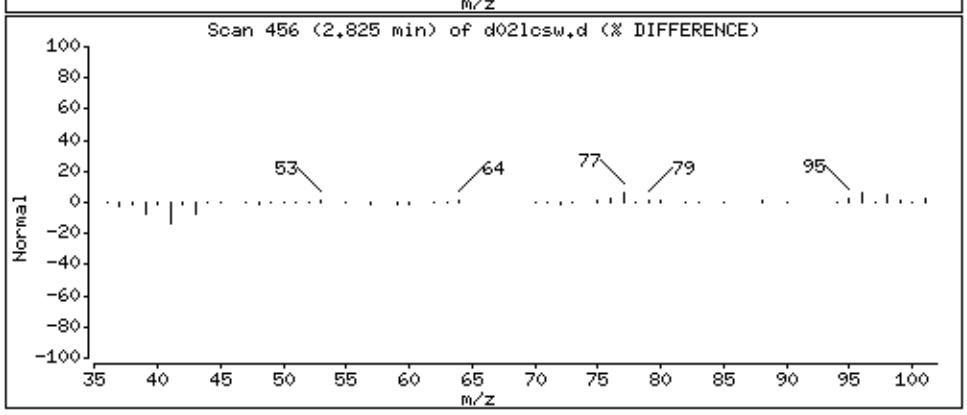












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

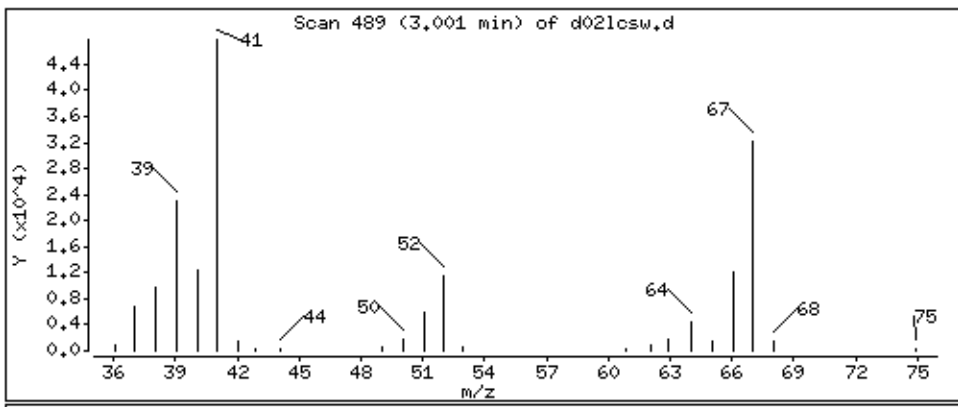
Column phase: DB-624

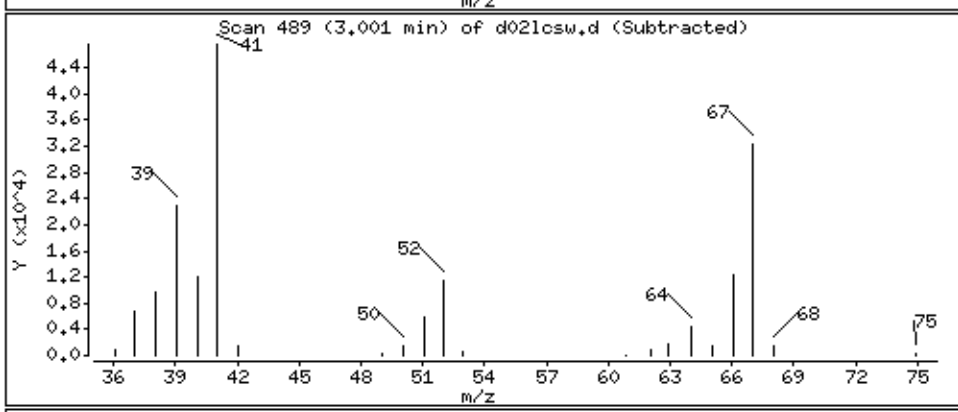
Column diameter: 0.18

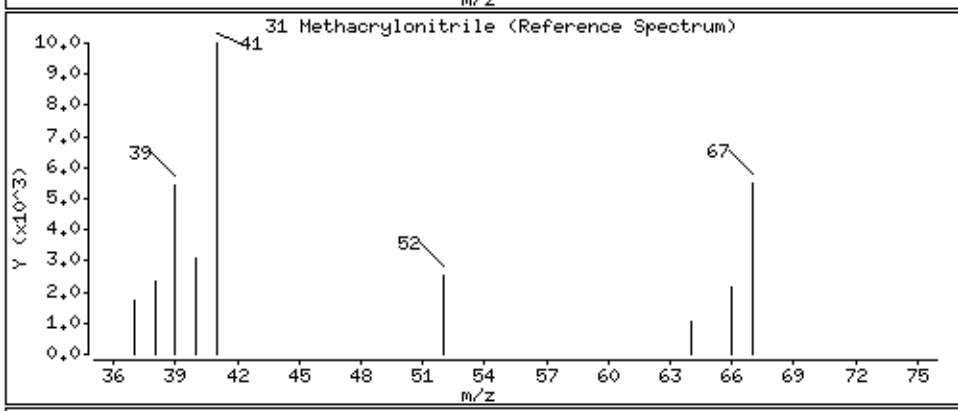
31 Methacrylonitrile

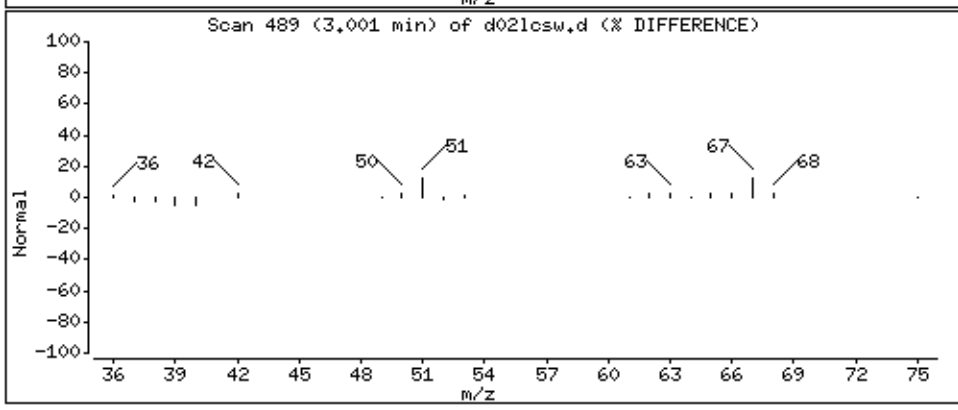
Concentration: 183 ppb

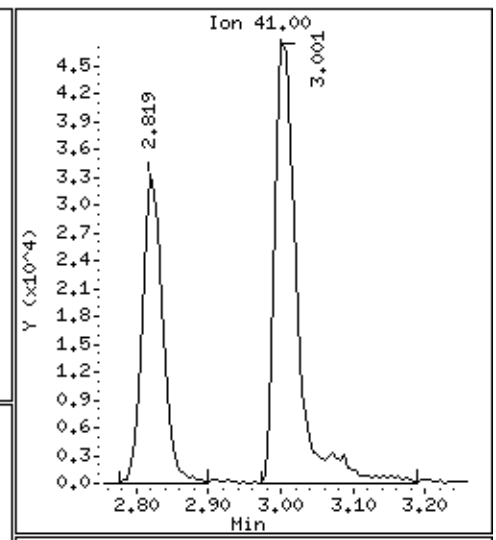
Review Code:

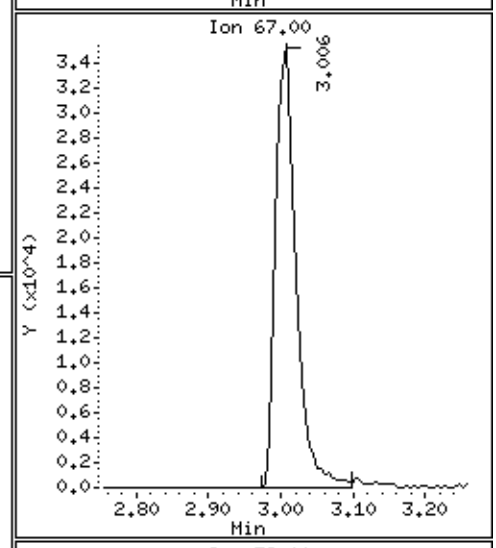


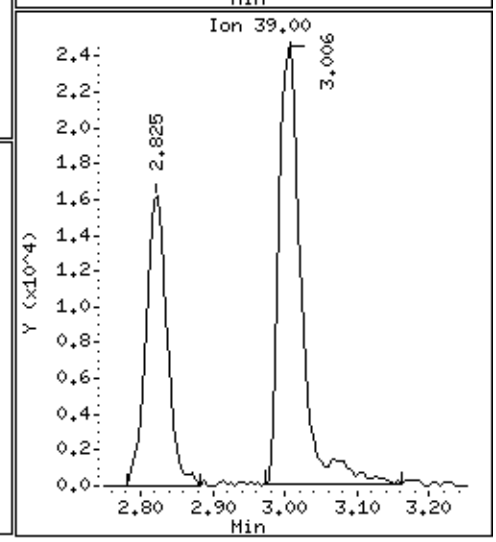












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

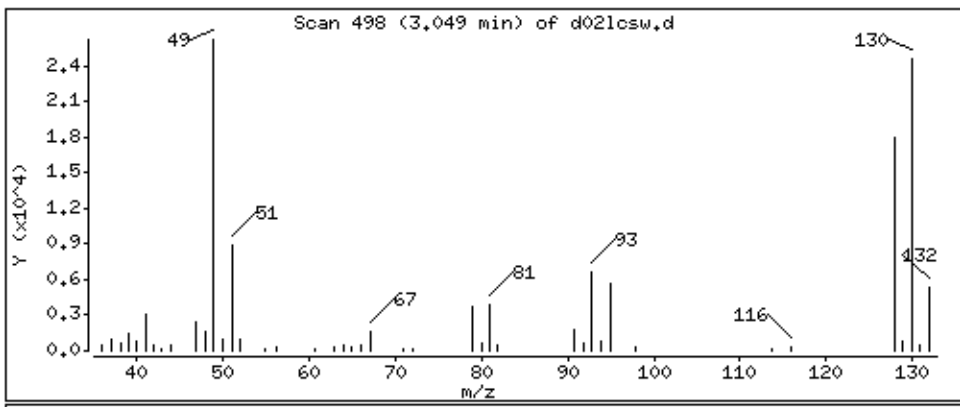
Column phase: DB-624

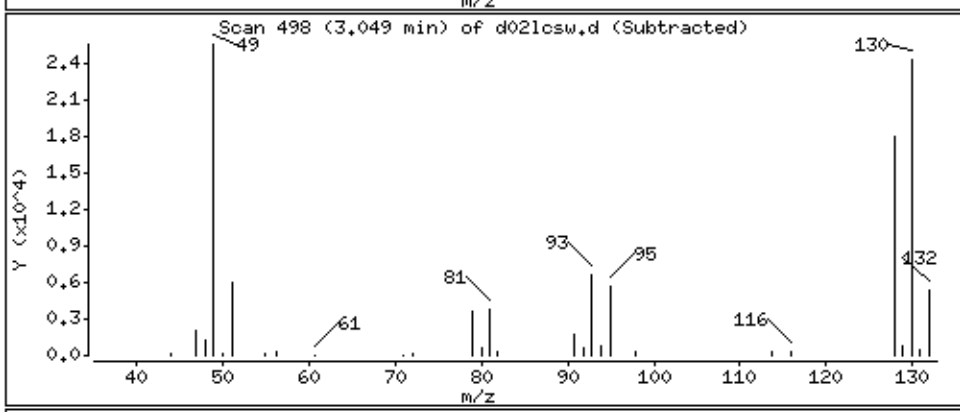
Column diameter: 0.18

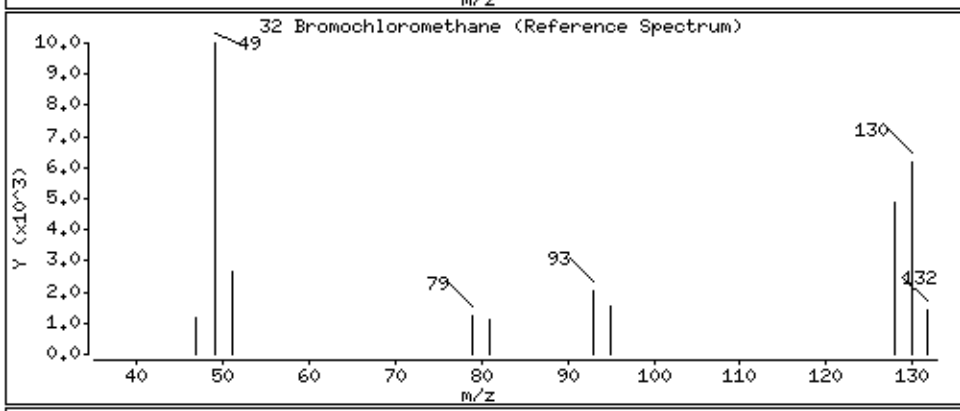
32 Bromochloromethane

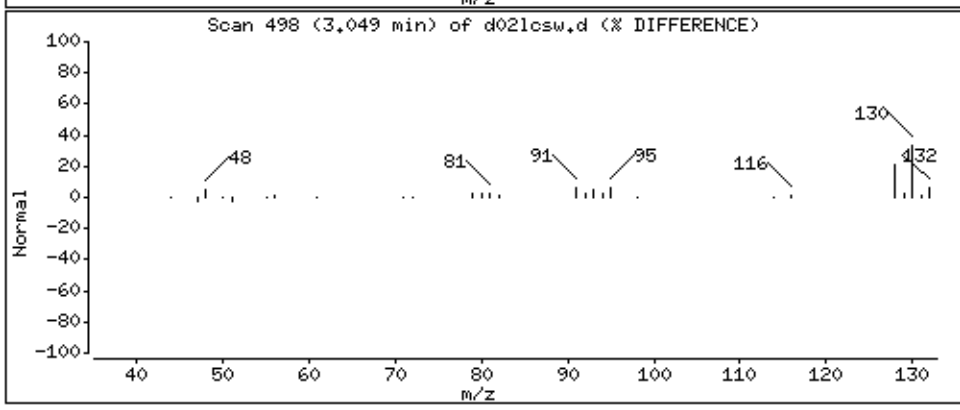
Concentration: 41.8 ppb

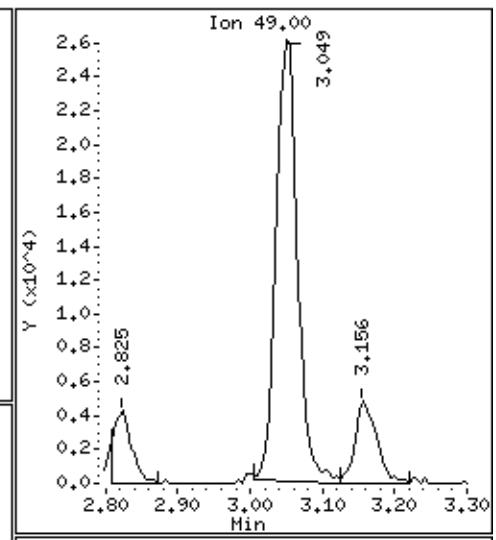
Review Code:

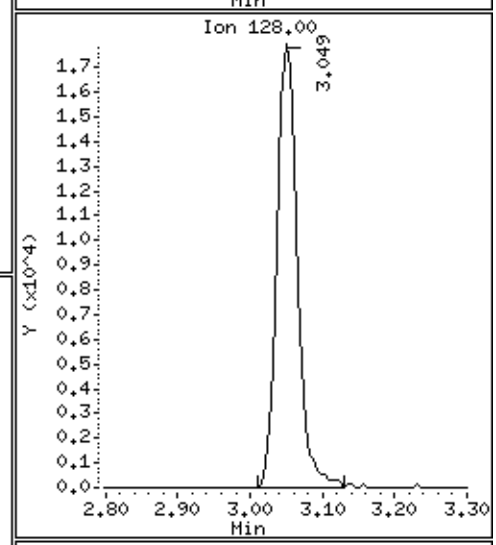


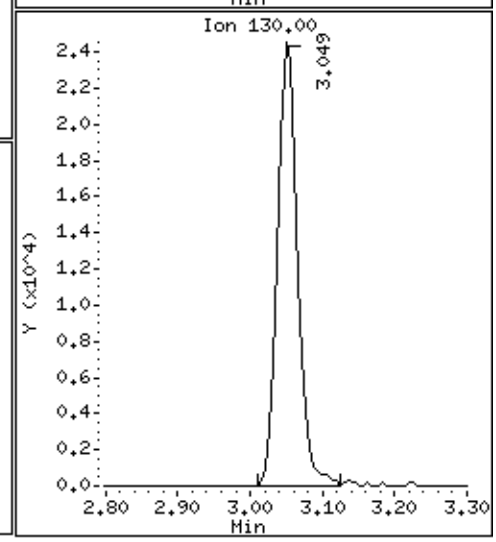












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

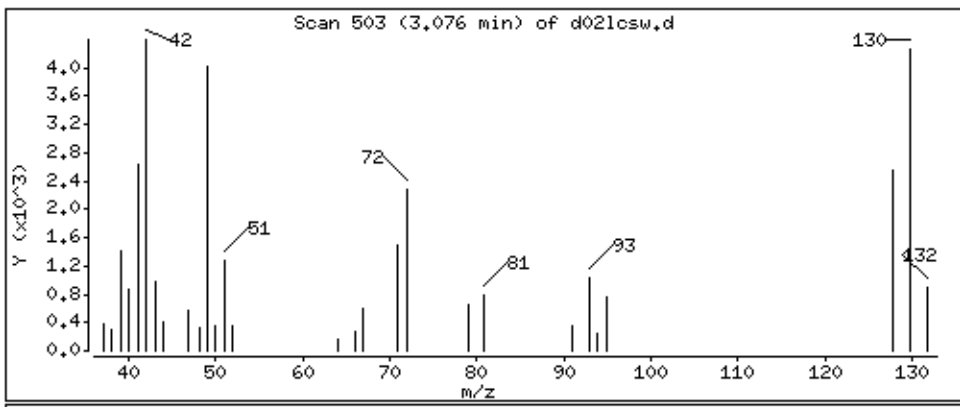
Column phase: DB-624

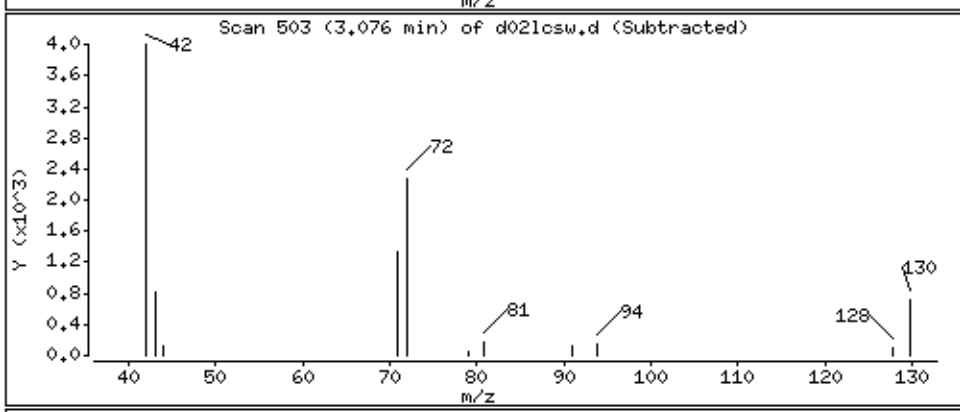
Column diameter: 0.18

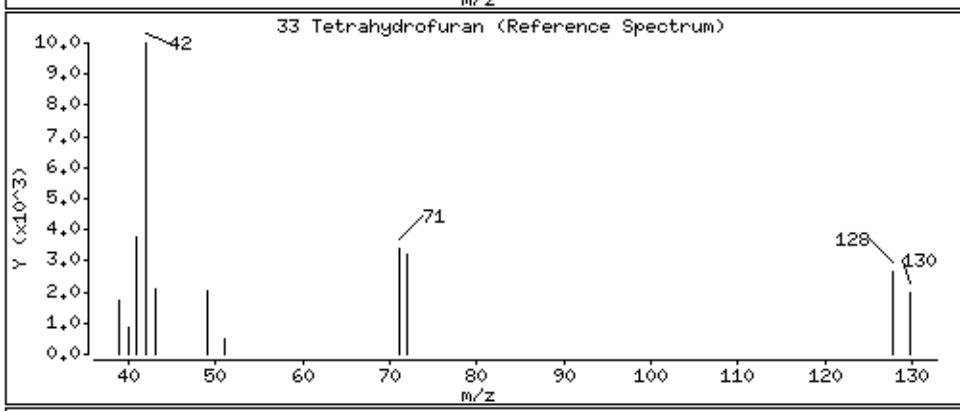
33 Tetrahydrofuran

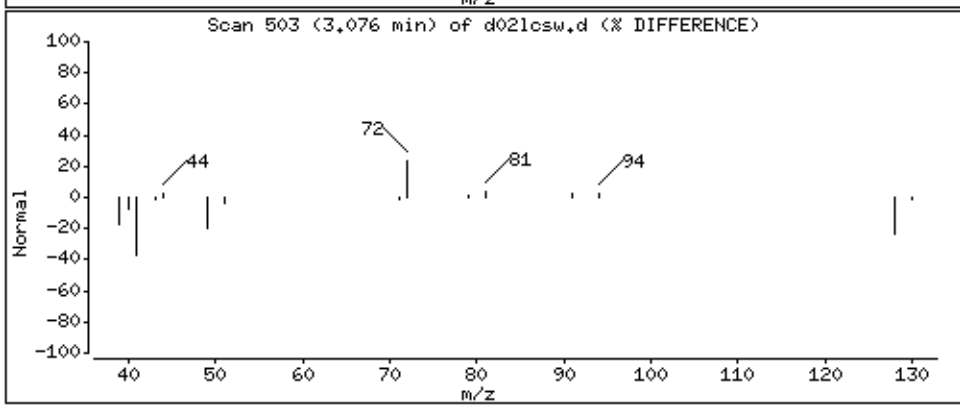
Concentration: 33.4 ppb

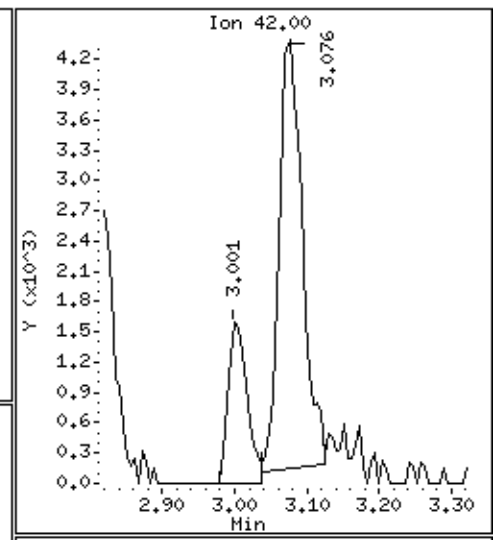
Review Code:

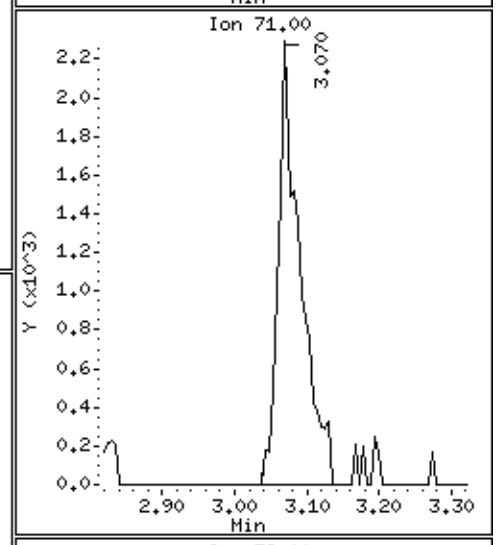


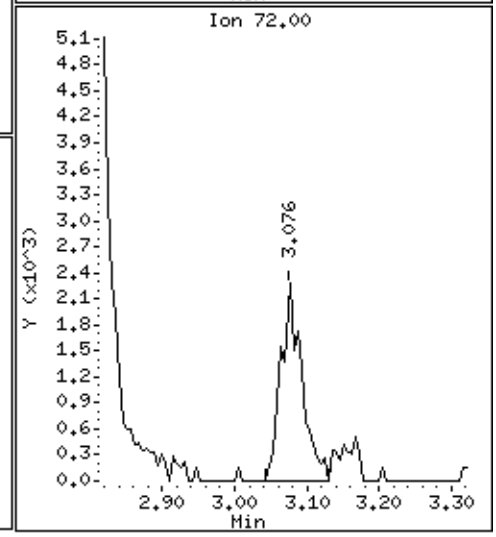












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

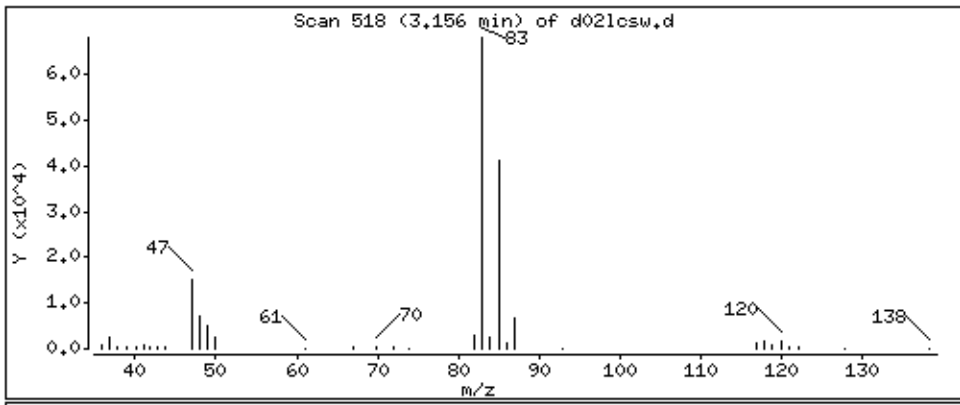
Column phase: DB-624

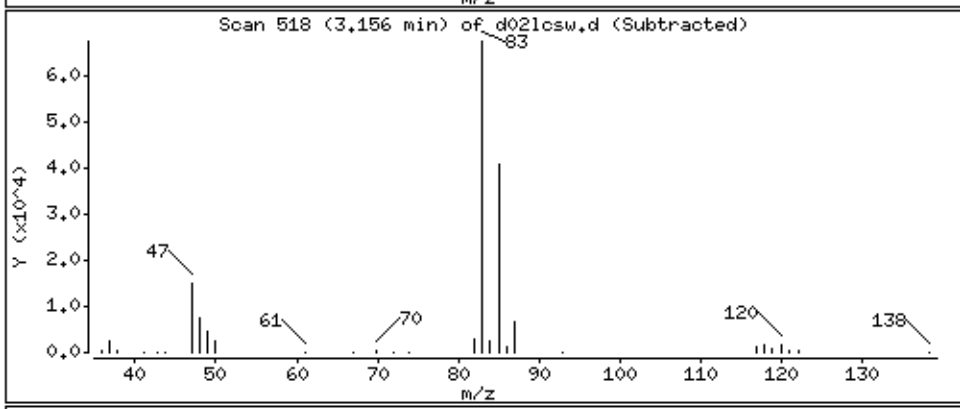
Column diameter: 0.18

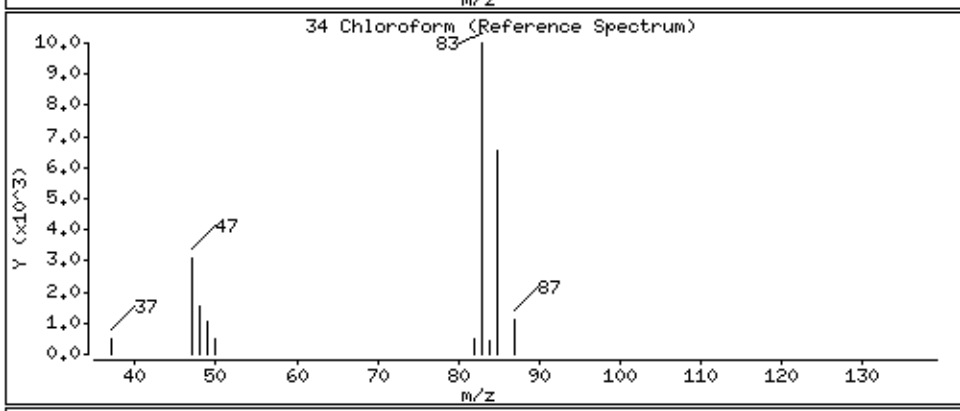
34 Chloroform

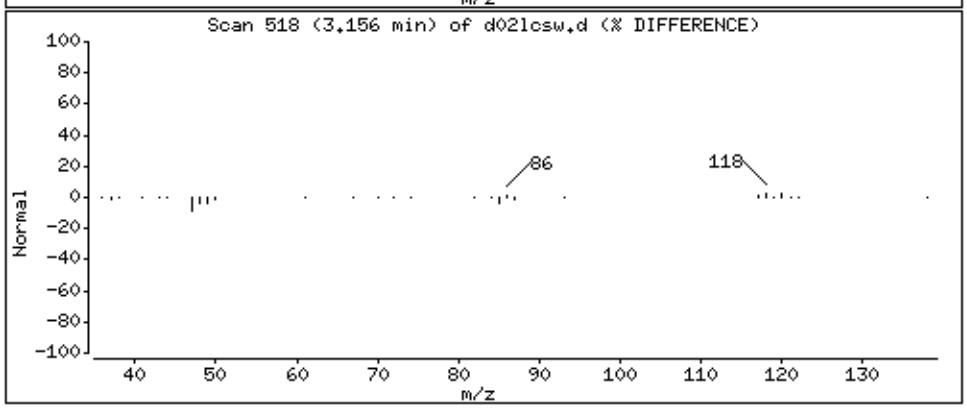
Concentration: 41.1 ppb

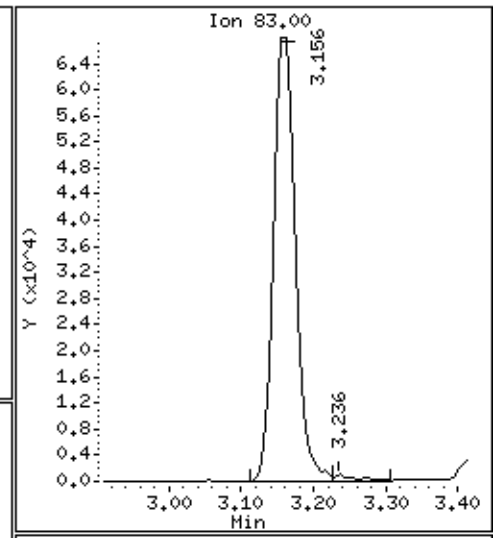
Review Code:

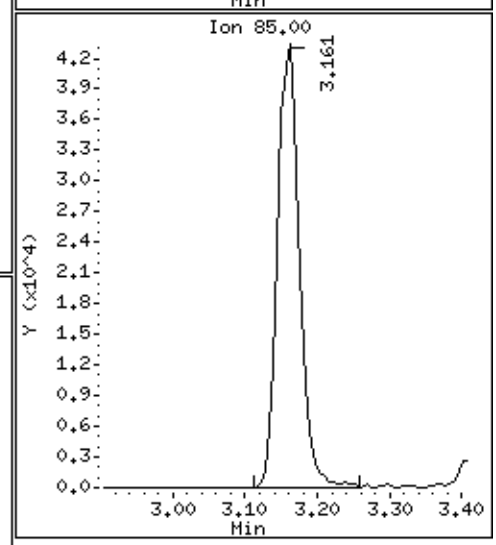












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

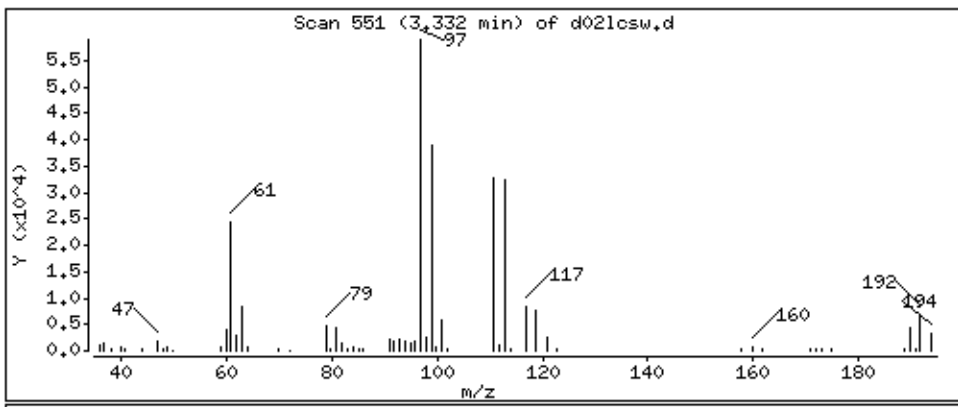
Column phase: DB-624

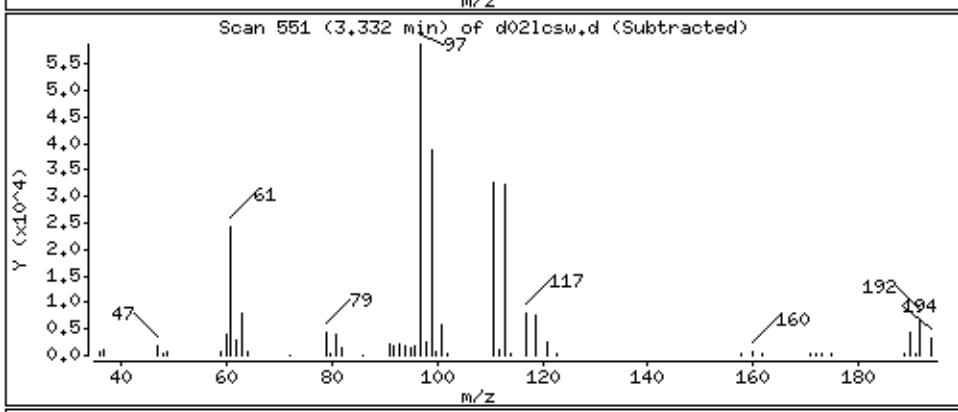
Column diameter: 0.18

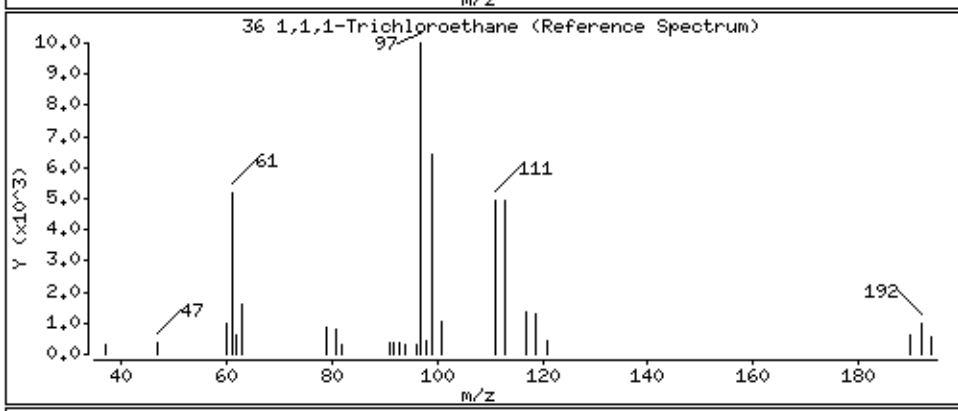
36 1,1,1-Trichloroethane

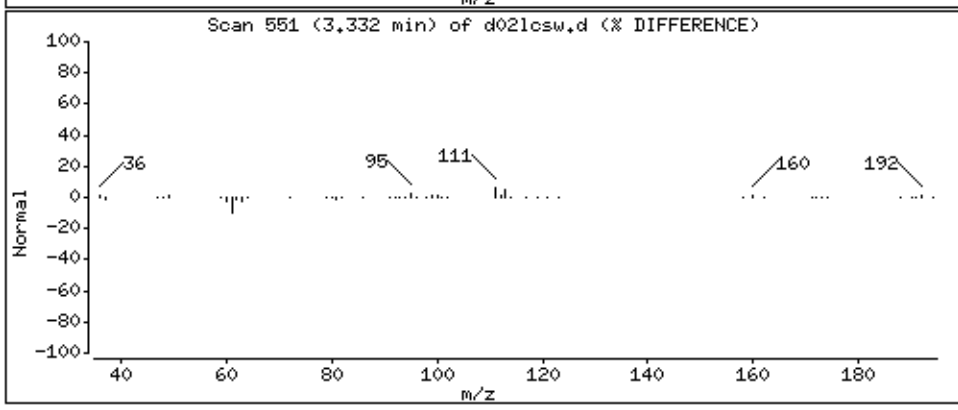
Concentration: 40.3 ppb

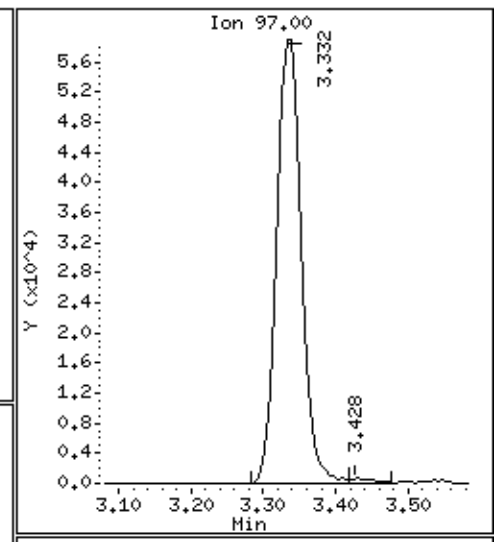
Review Code:

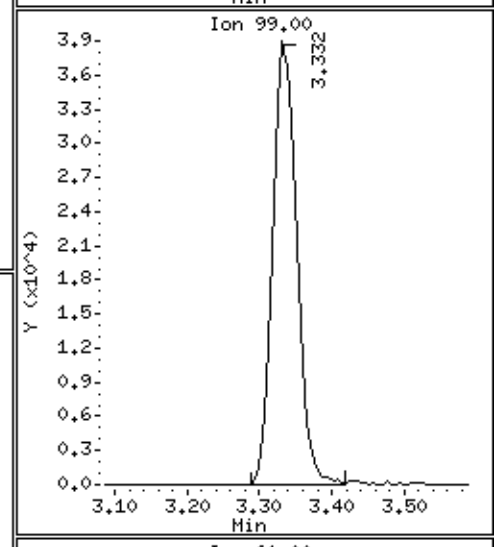


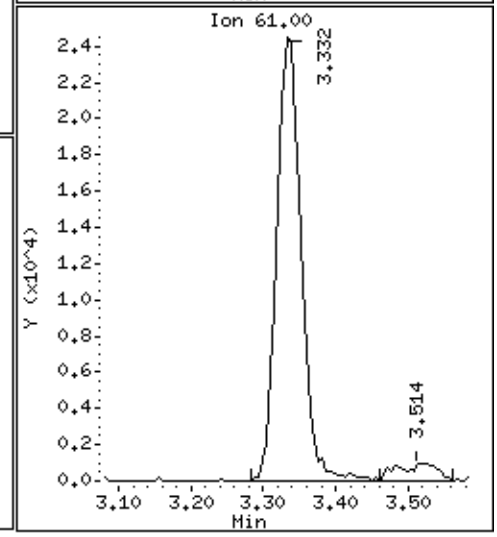












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

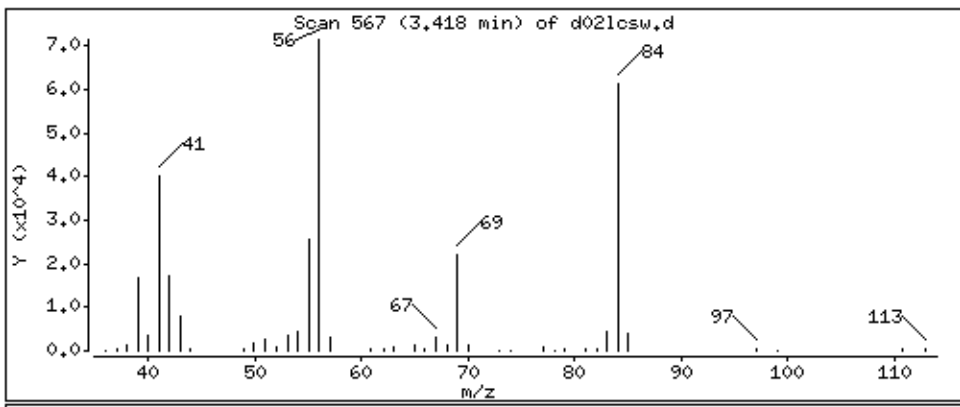
Column phase: DB-624

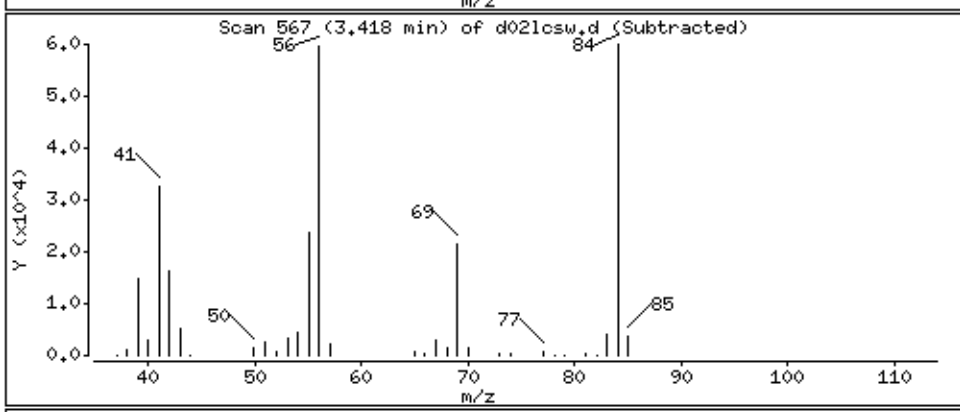
Column diameter: 0.18

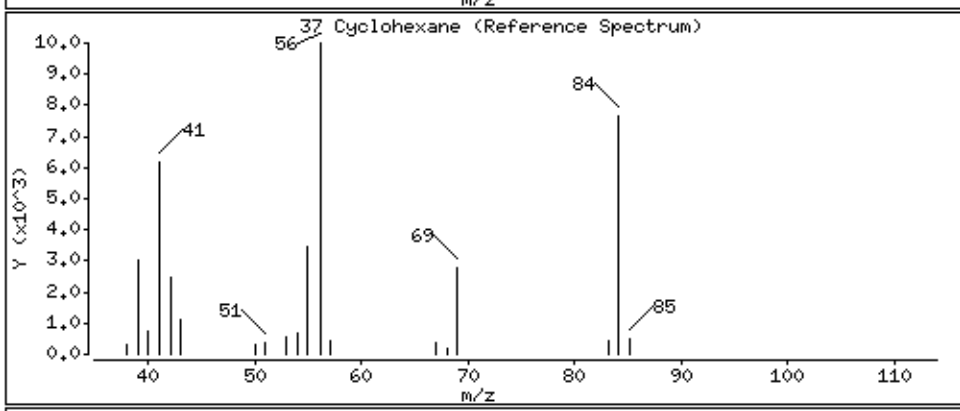
37 Cyclohexane

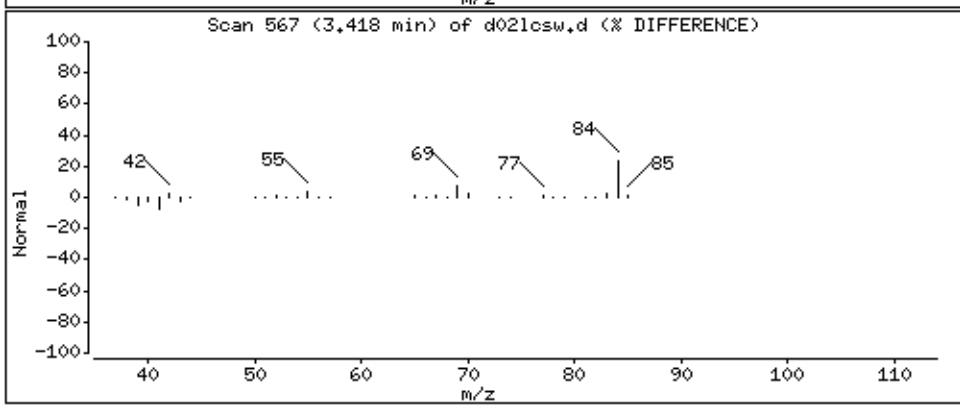
Concentration: 39.4 ppb

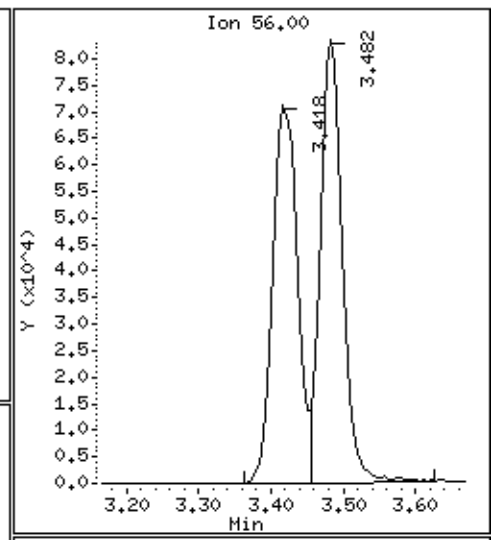
Review Code:

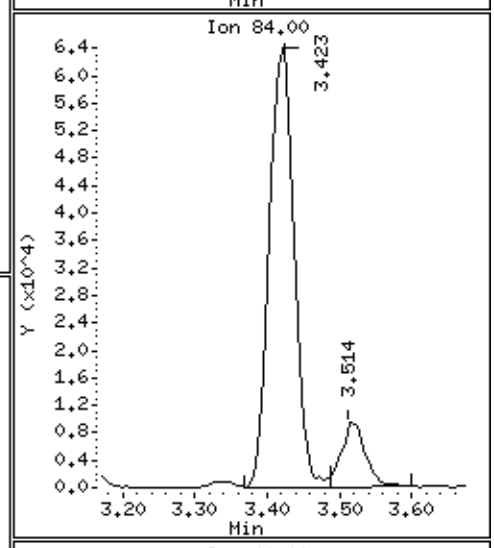


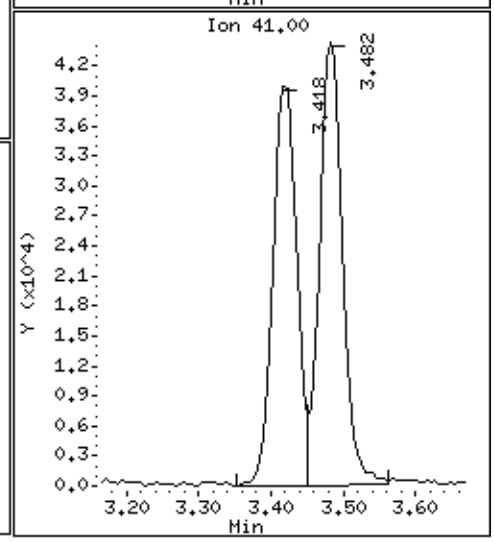












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

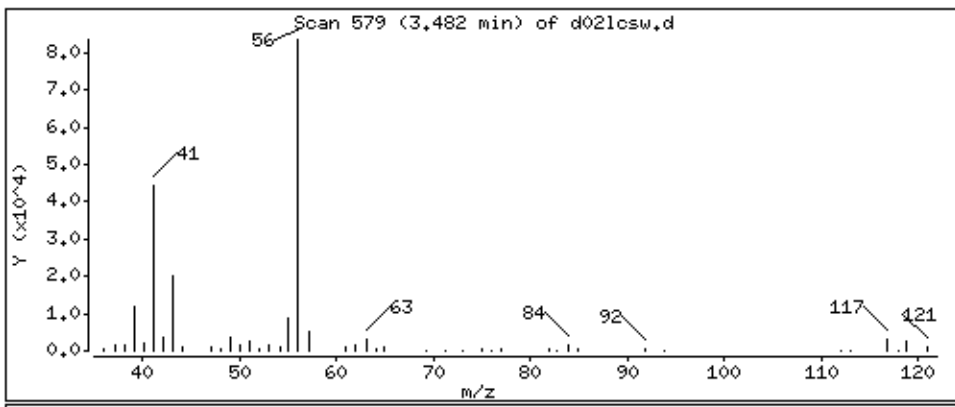
Column phase: DB-624

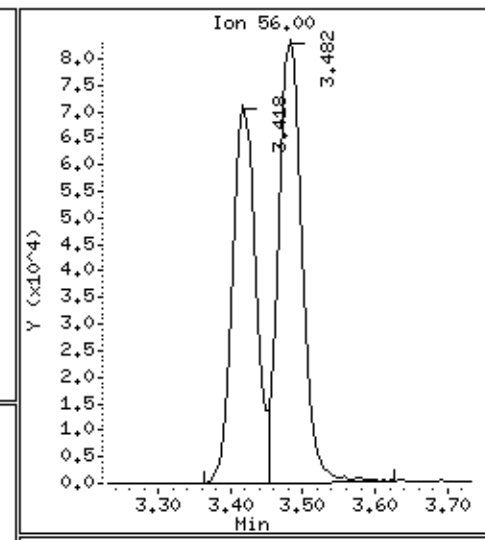
Column diameter: 0.18

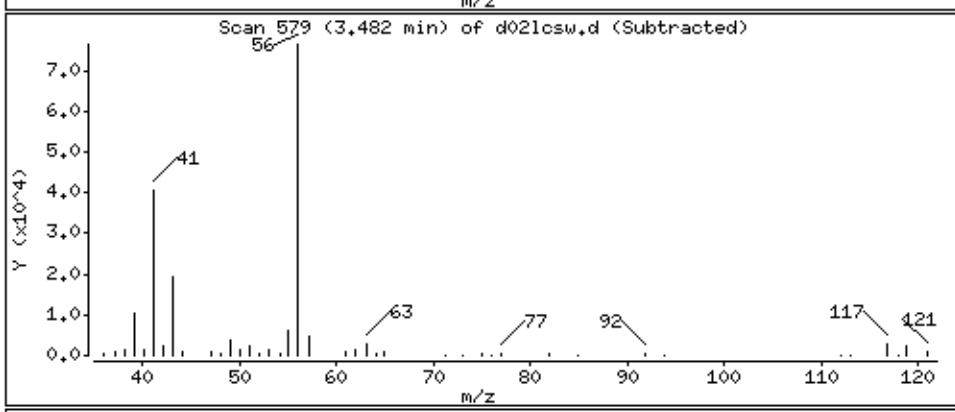
151 n-Butyl chloride

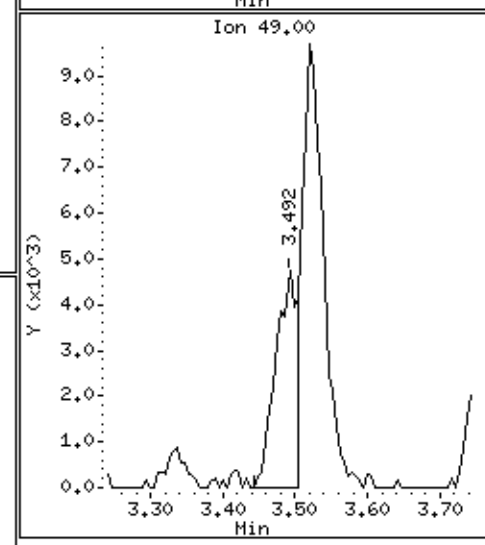
Concentration: 42.3 ppb

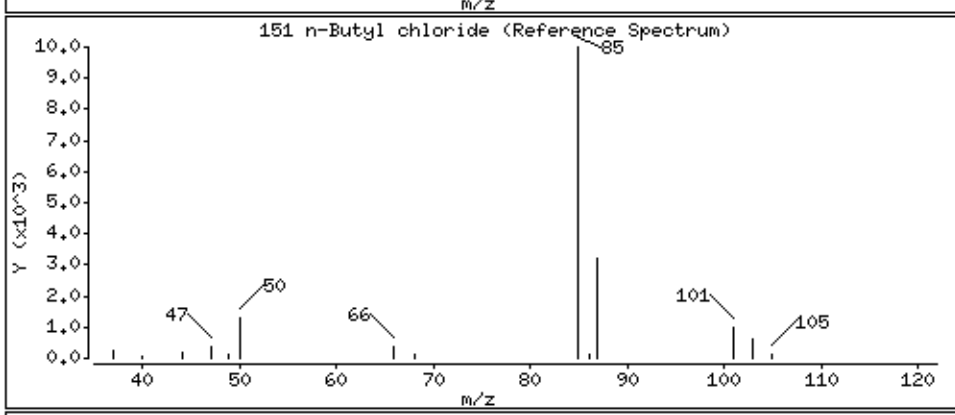
Review Code:

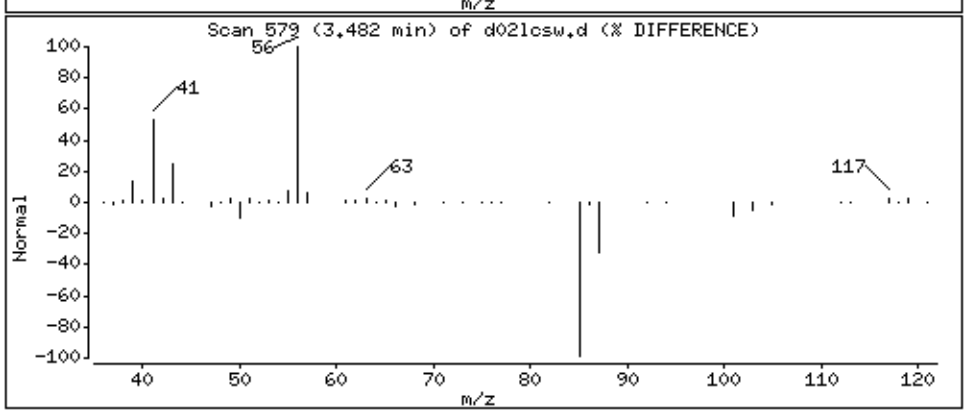












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

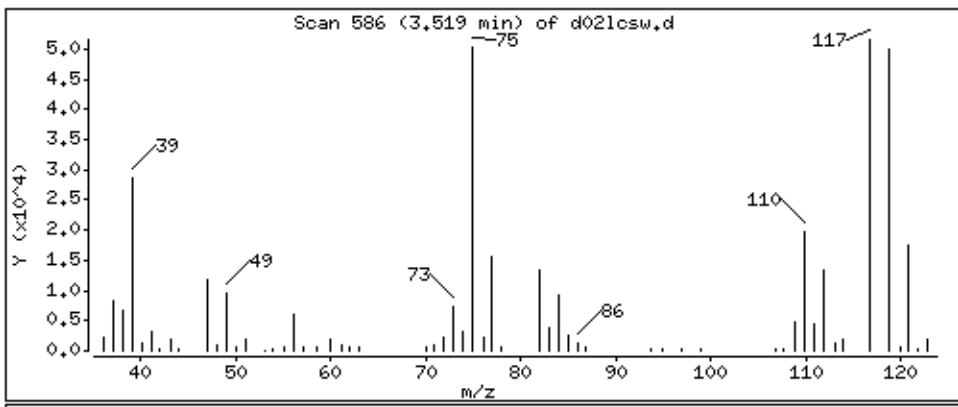
Column phase: DB-624

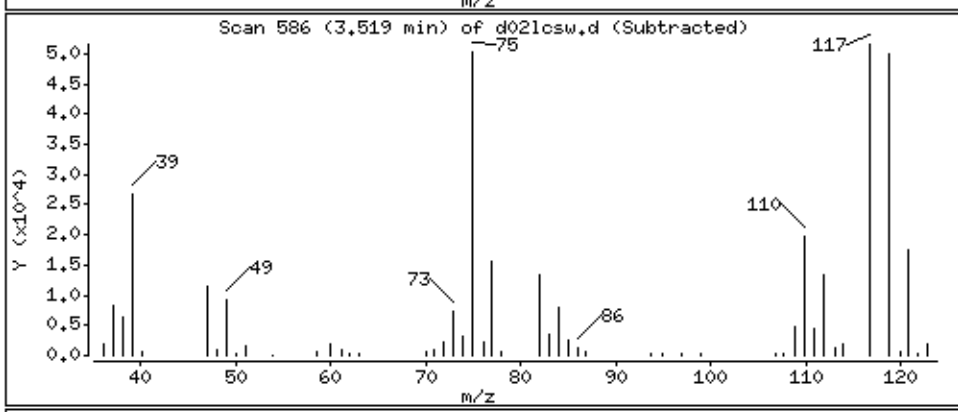
Column diameter: 0.18

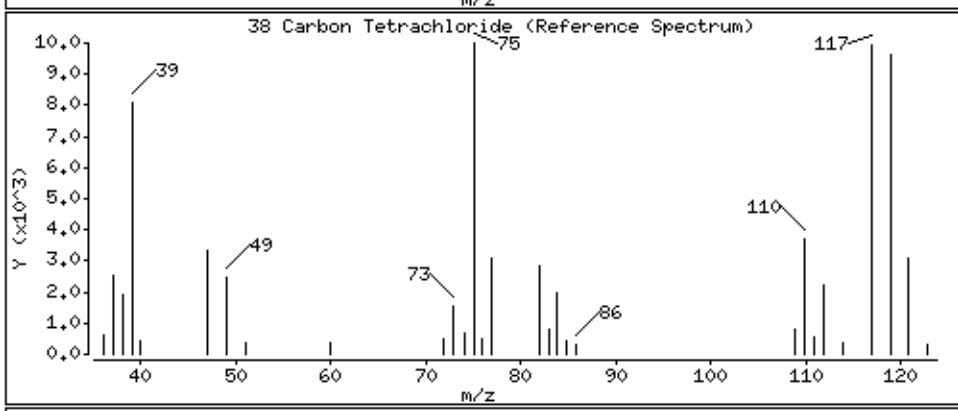
38 Carbon Tetrachloride

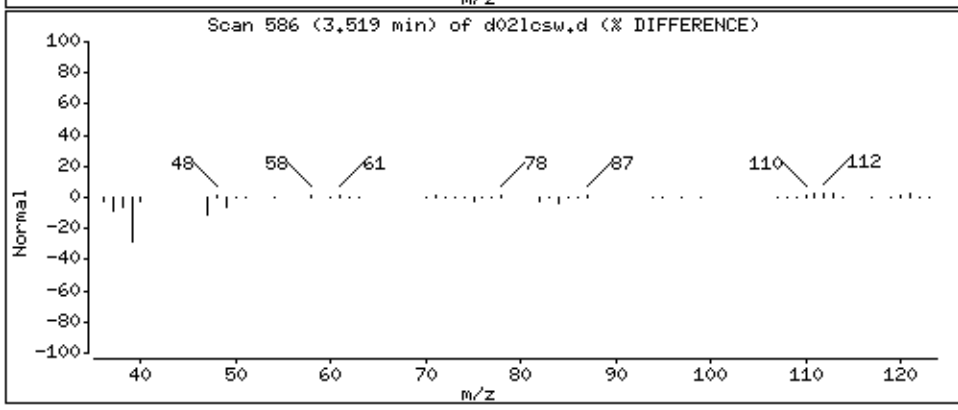
Concentration: 42.4 ppb

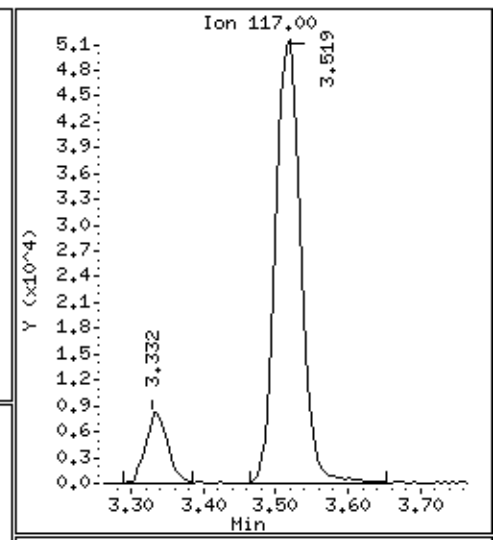
Review Code:

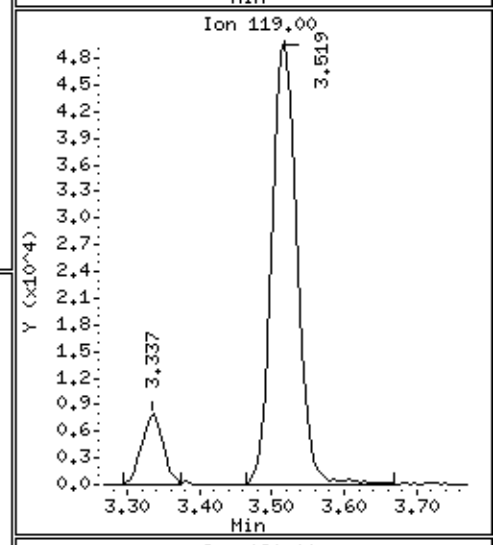


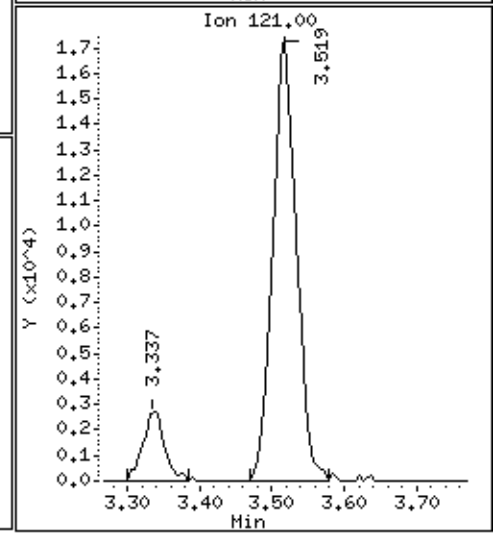












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

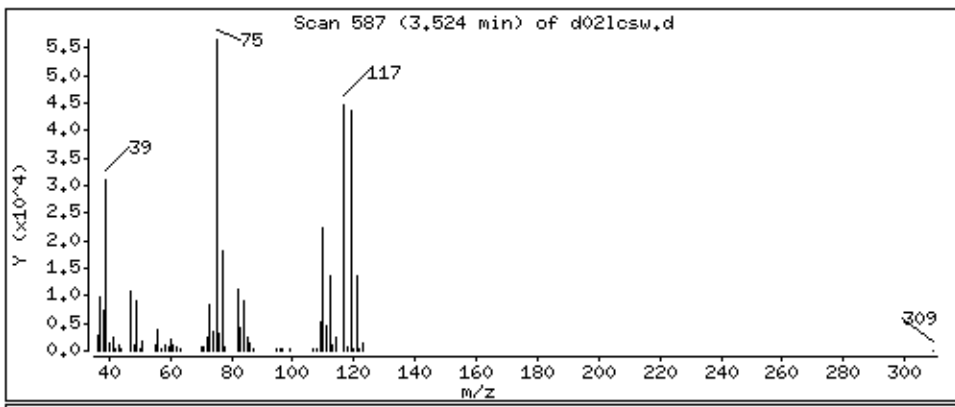
Column phase: DB-624

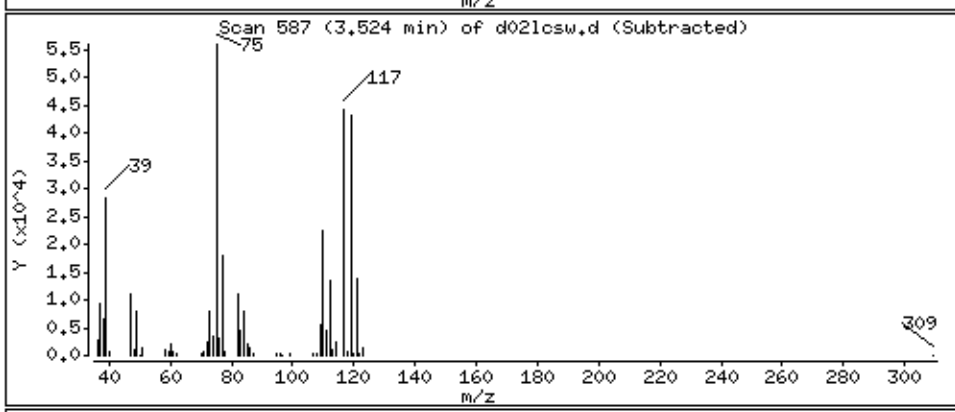
Column diameter: 0.18

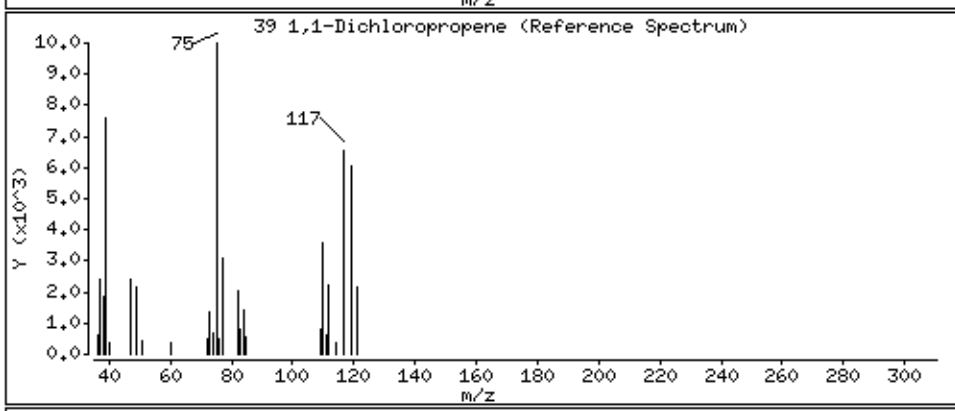
39 1,1-Dichloropropene

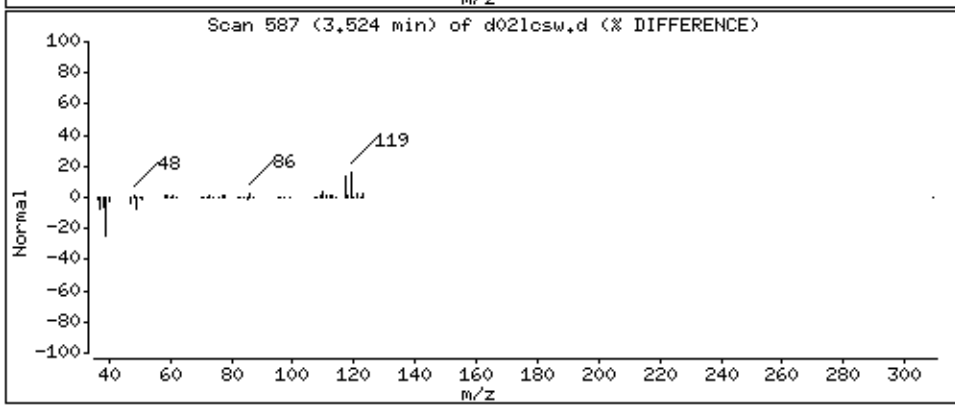
Concentration: 41.9 ppb

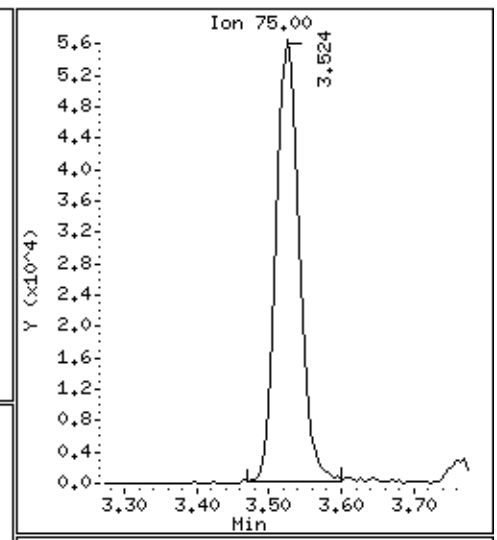
Review Code:

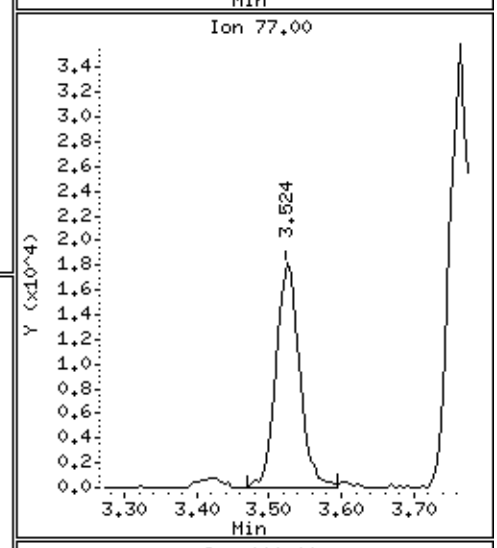


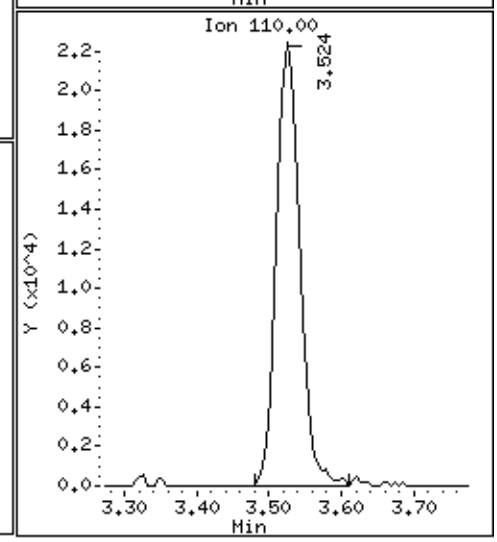












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

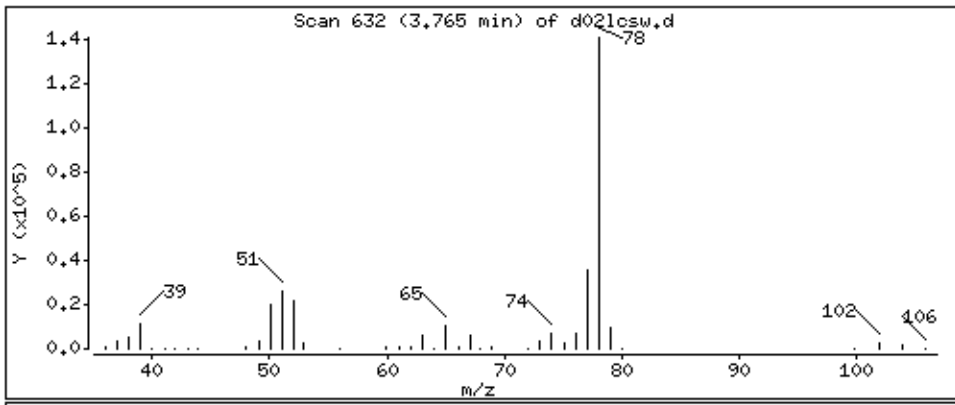
Column phase: DB-624

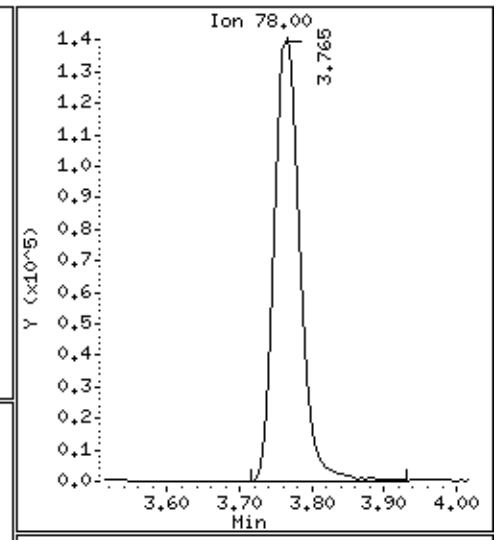
Column diameter: 0.18

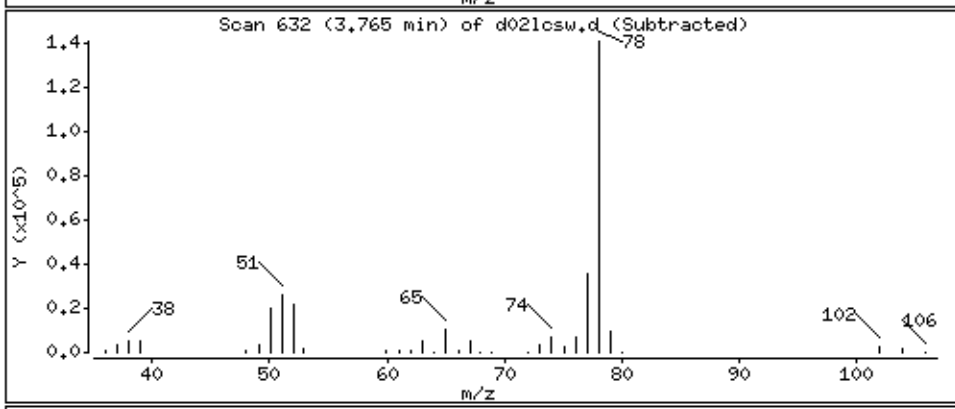
40 Benzene

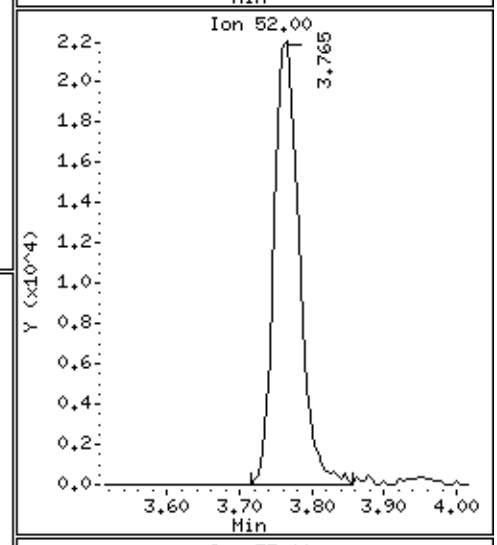
Concentration: 45.4 ppb

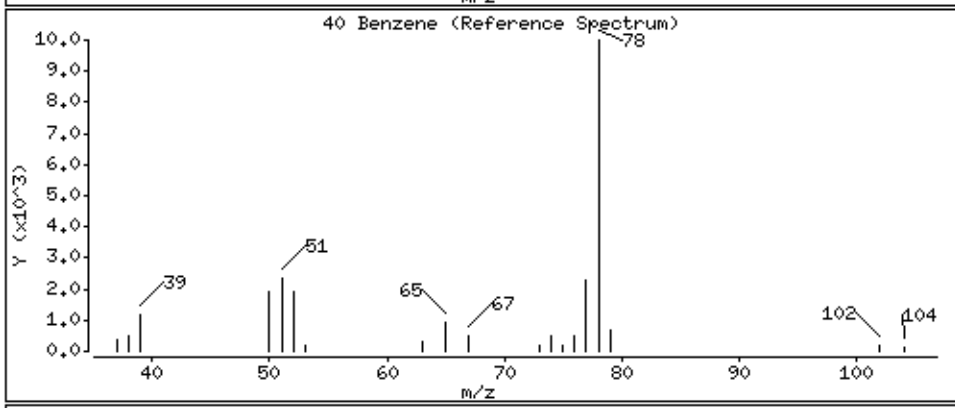
Review Code:

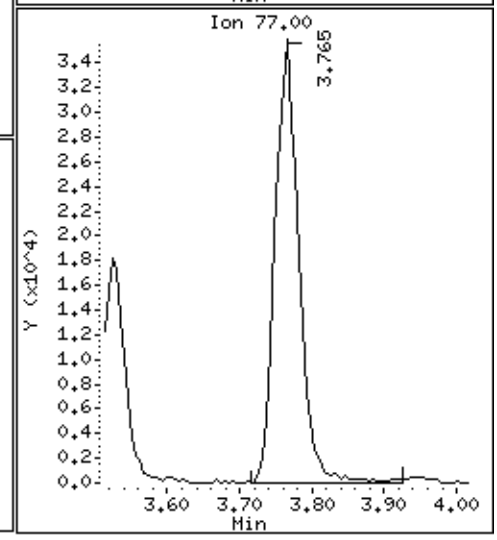


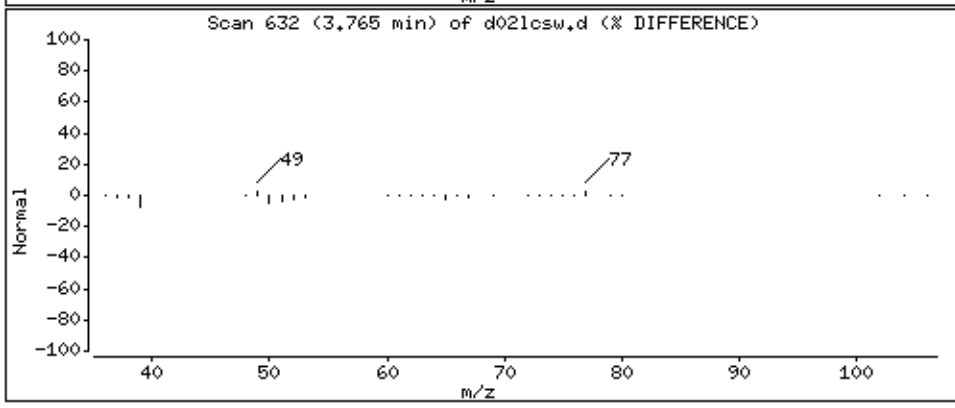












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

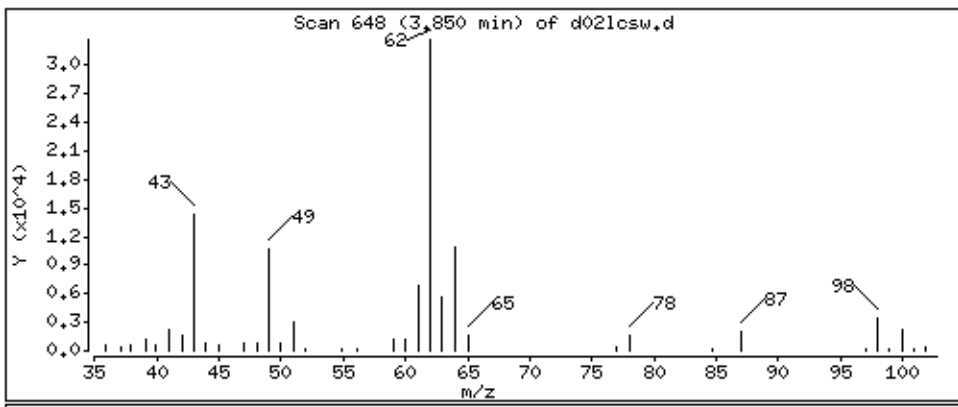
Column phase: DB-624

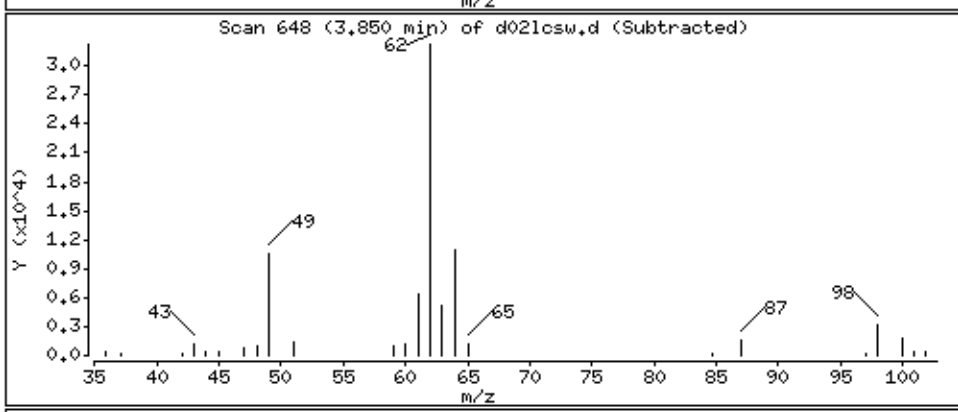
Column diameter: 0.18

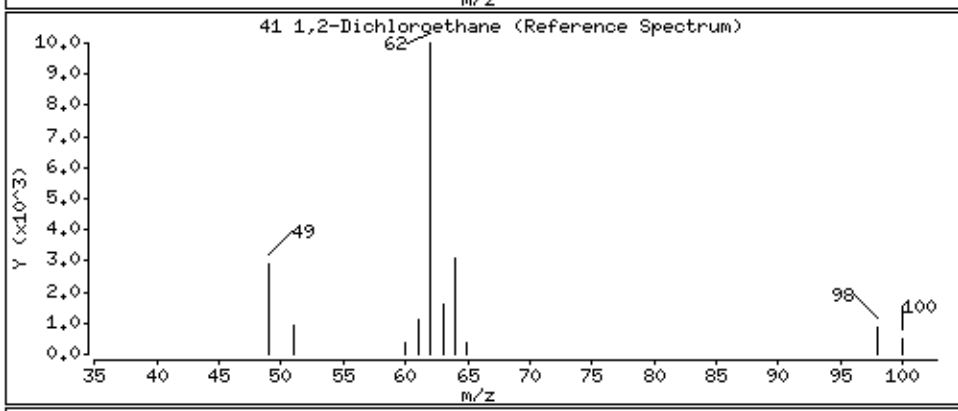
41 1,2-Dichloroethane

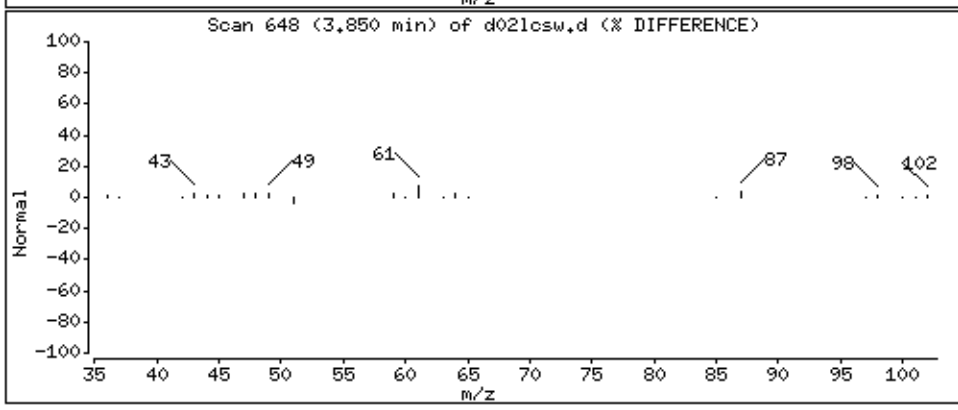
Concentration: 38.2 ppb

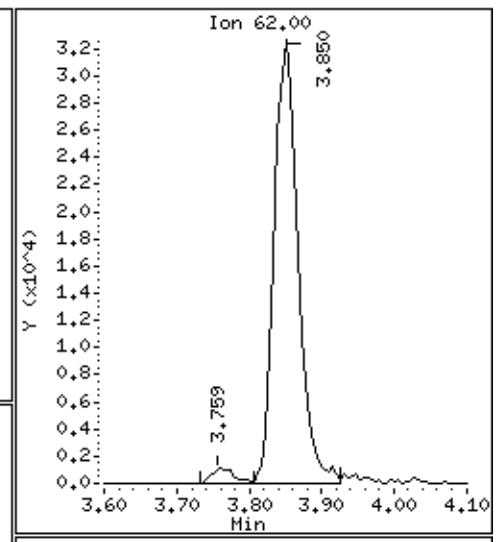
Review Code:

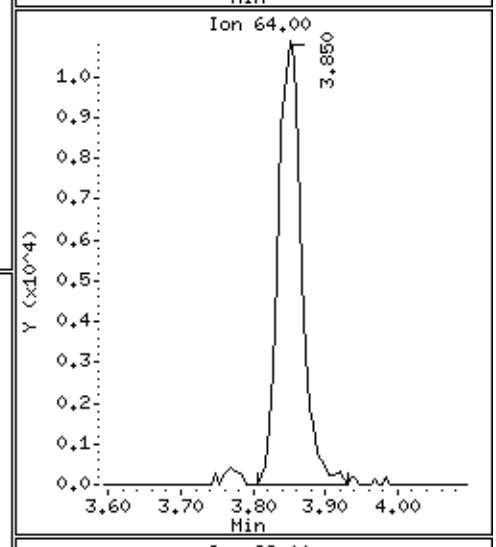


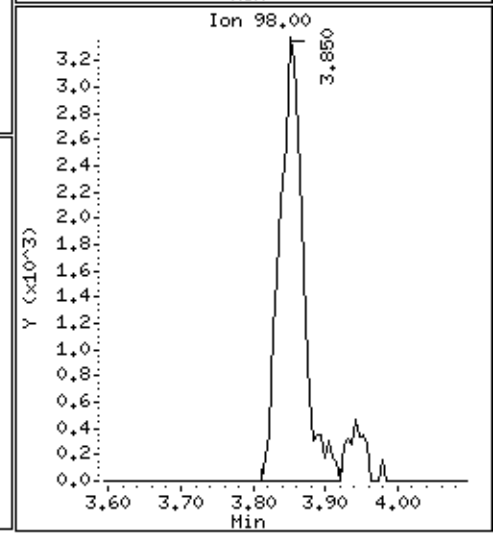












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

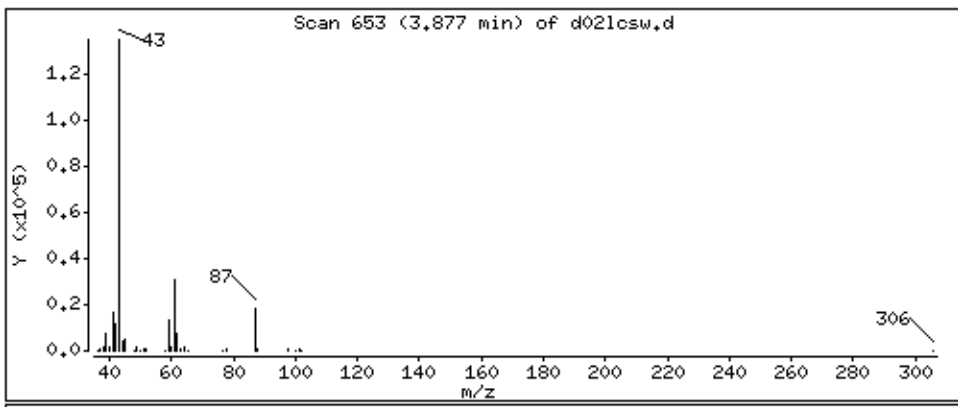
Column phase: DB-624

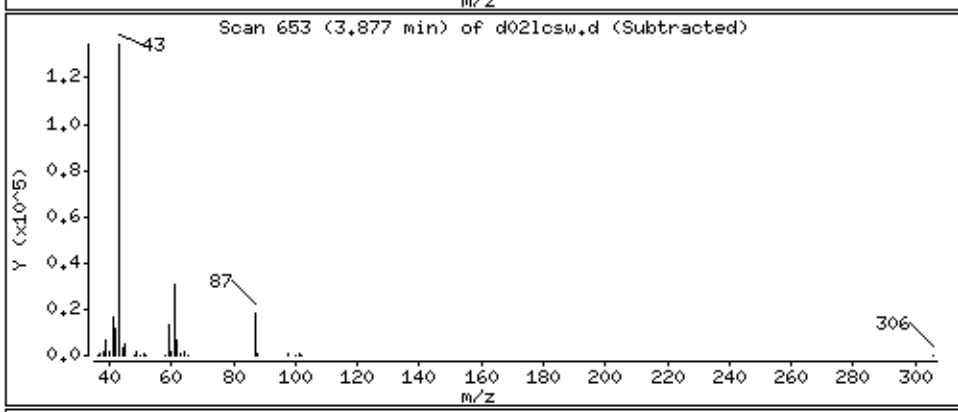
Column diameter: 0.18

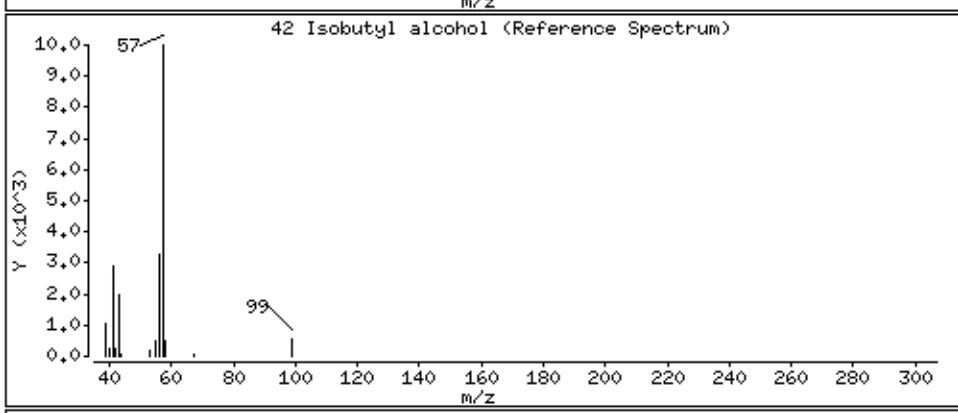
42 Isobutyl alcohol

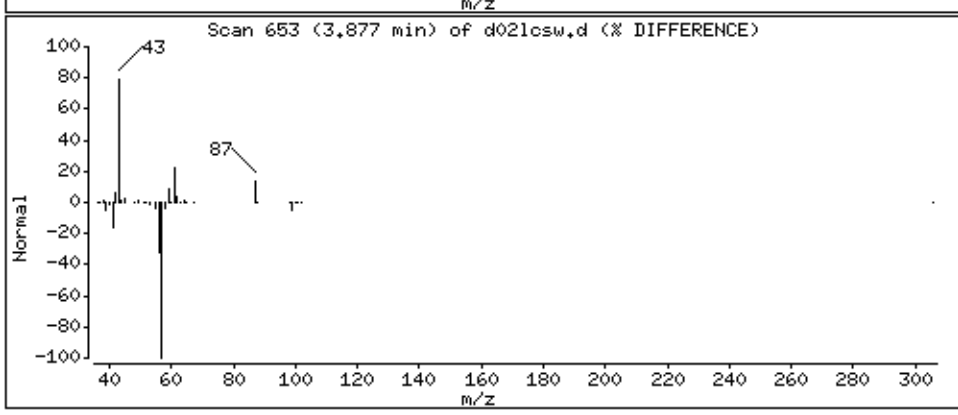
Concentration: 49.1 ppb

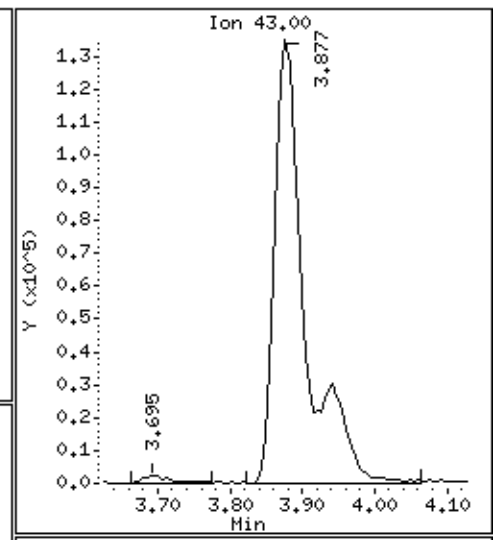
Review Code:

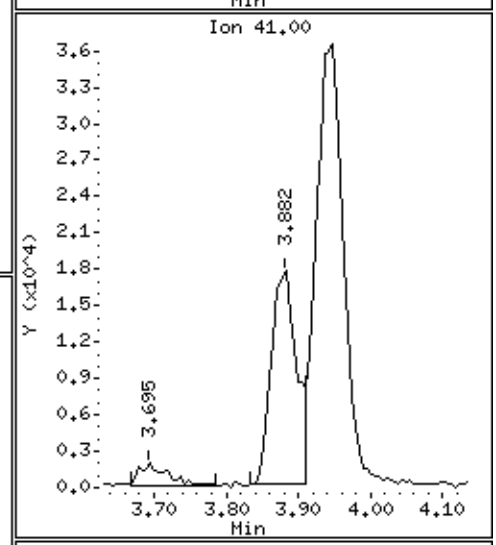


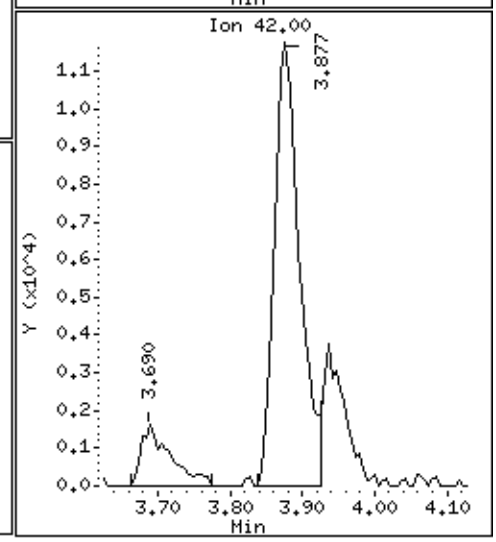












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

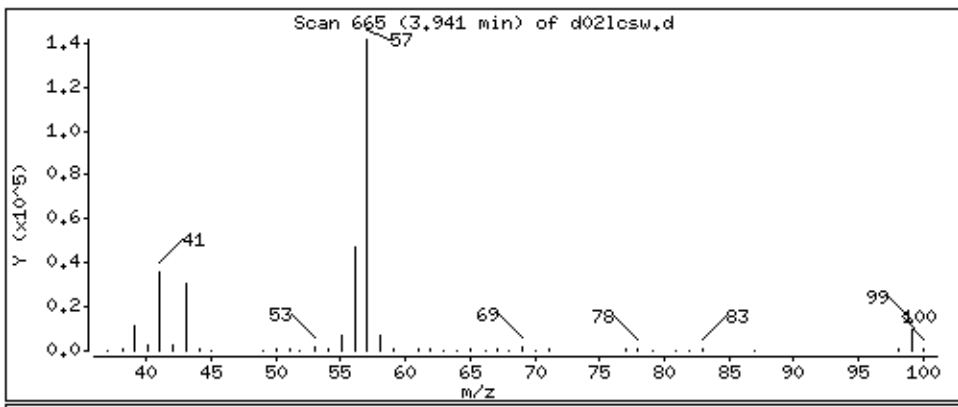
Column phase: DB-624

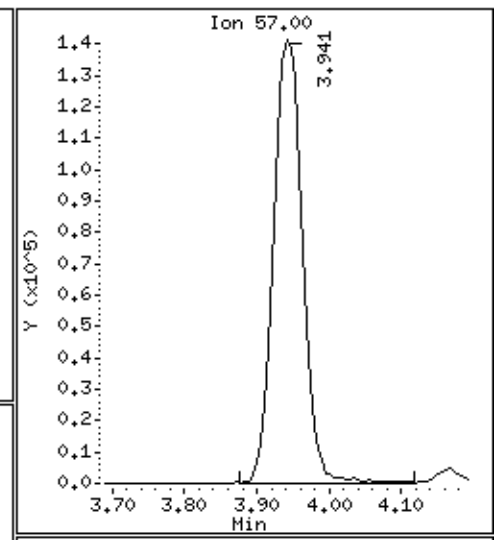
Column diameter: 0.18

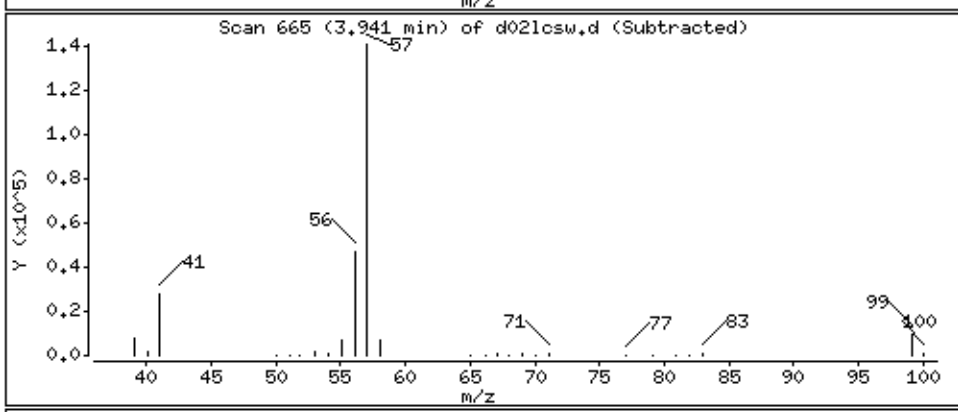
43 2,2,4-Trimethylpentane

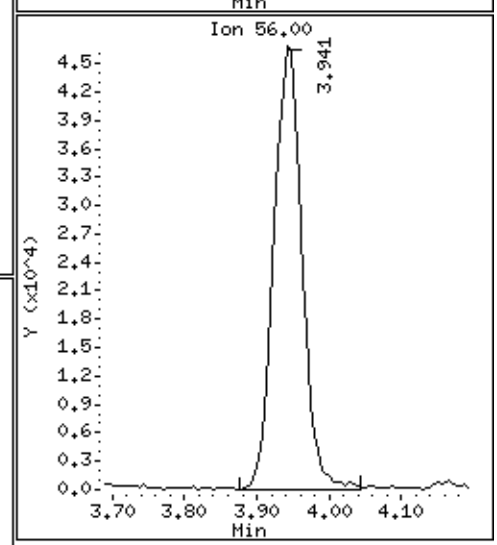
Concentration: 44.4 ppb

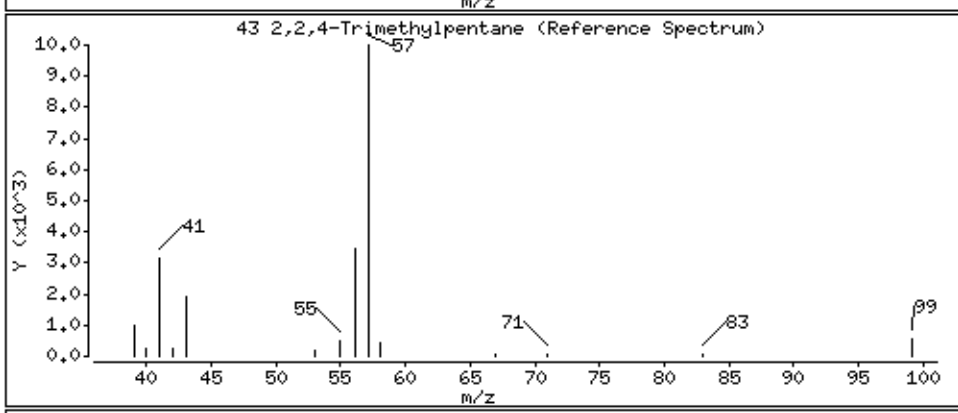
Review Code:

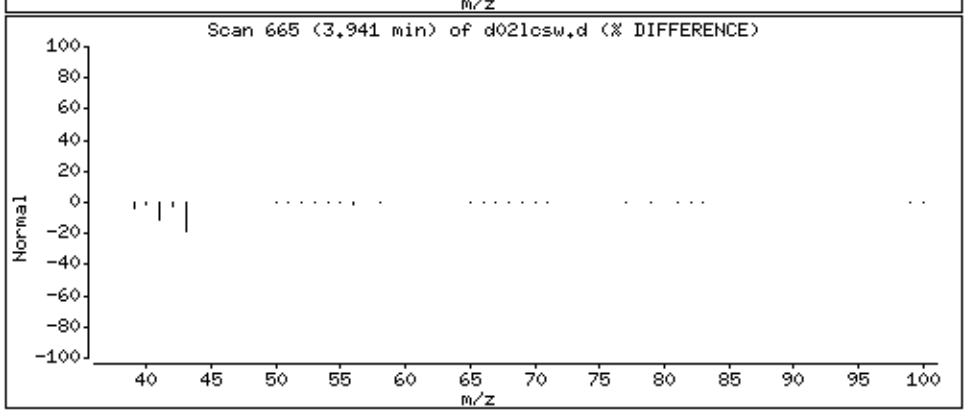












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

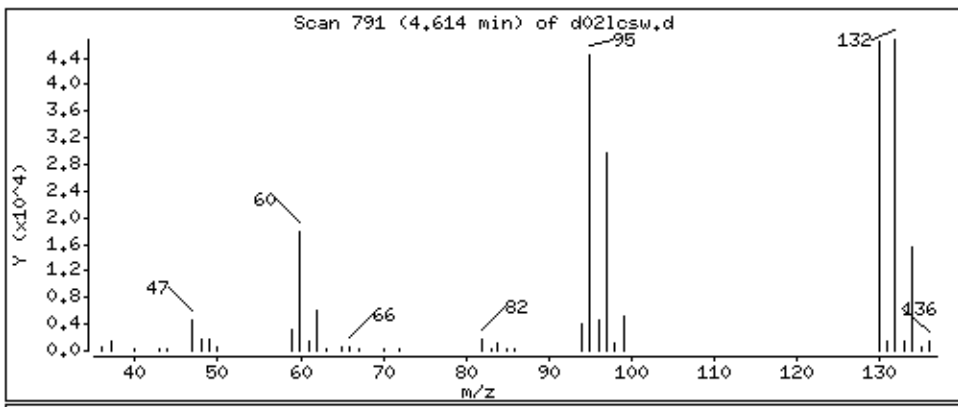
Column phase: DB-624

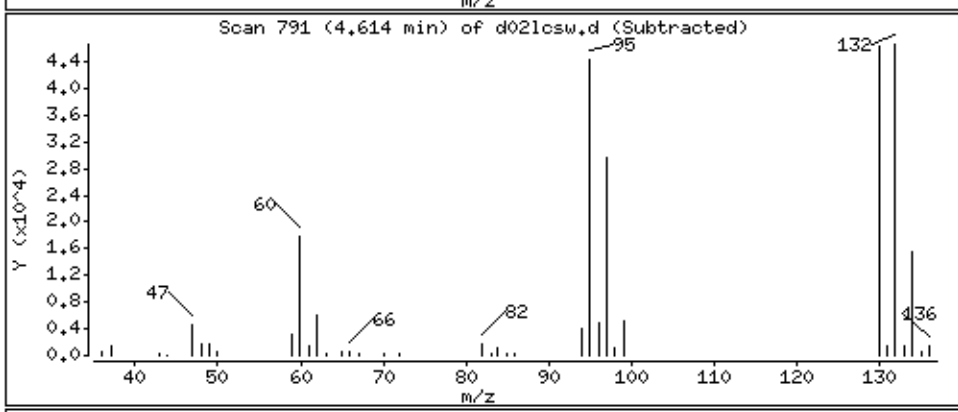
Column diameter: 0.18

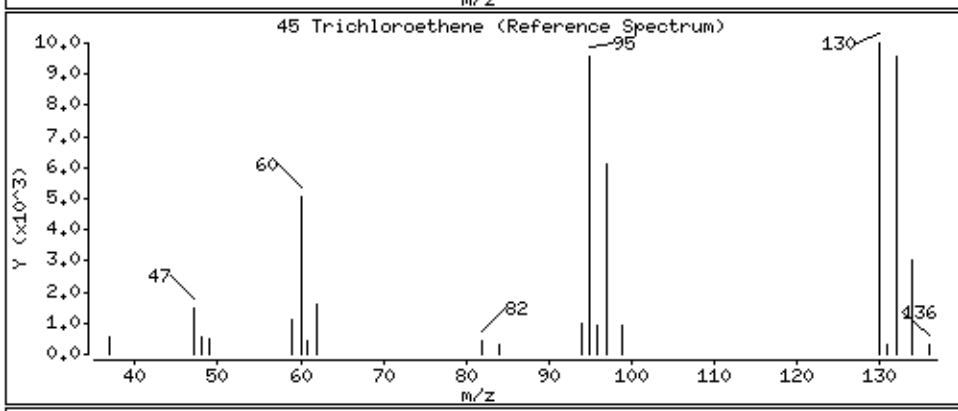
45 Trichloroethene

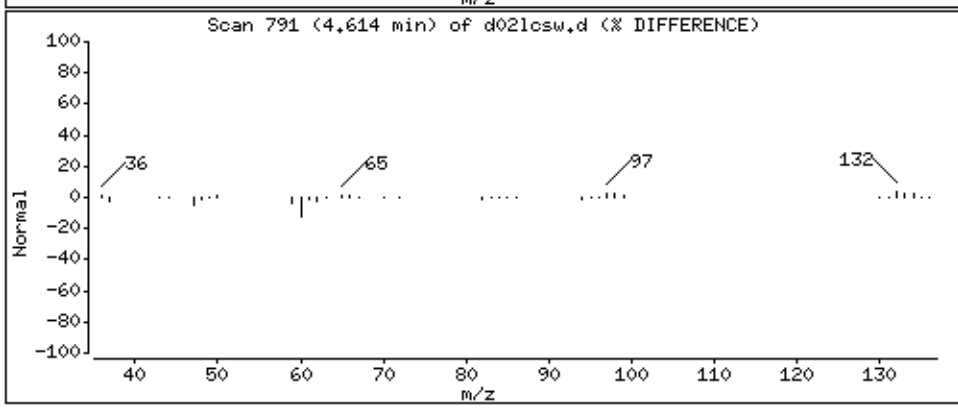
Concentration: 43.4 ppb

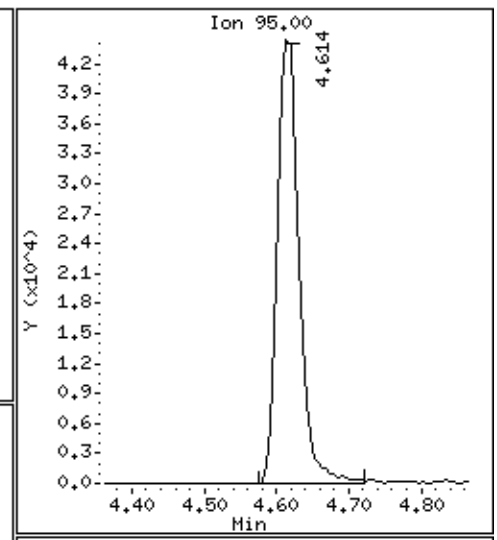
Review Code:

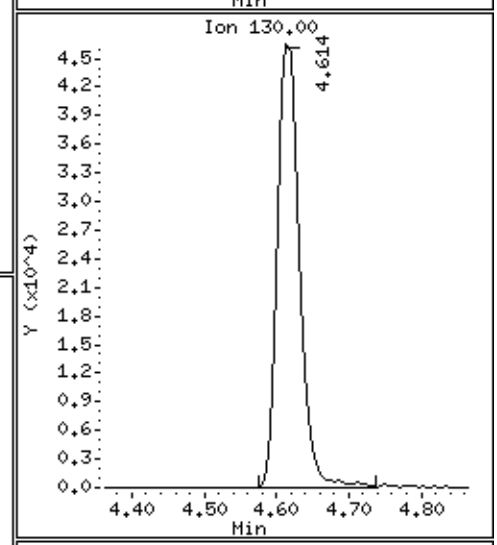


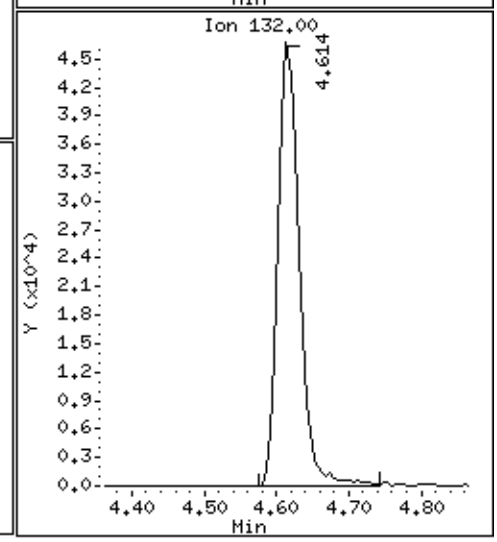












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

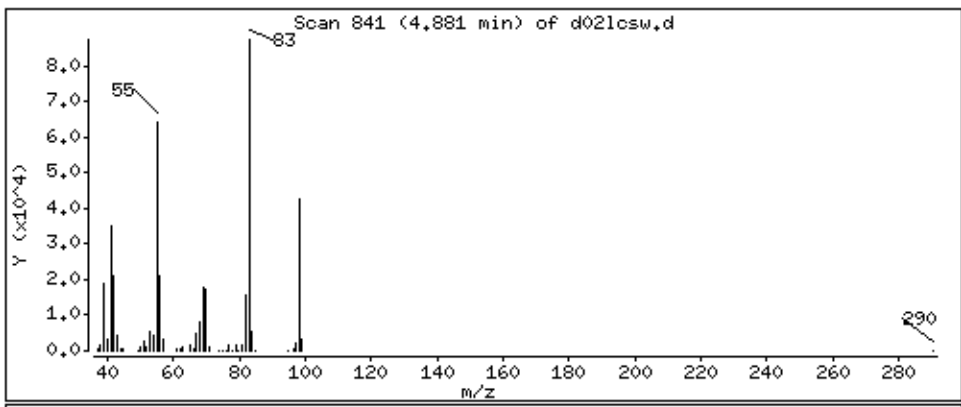
Column phase: DB-624

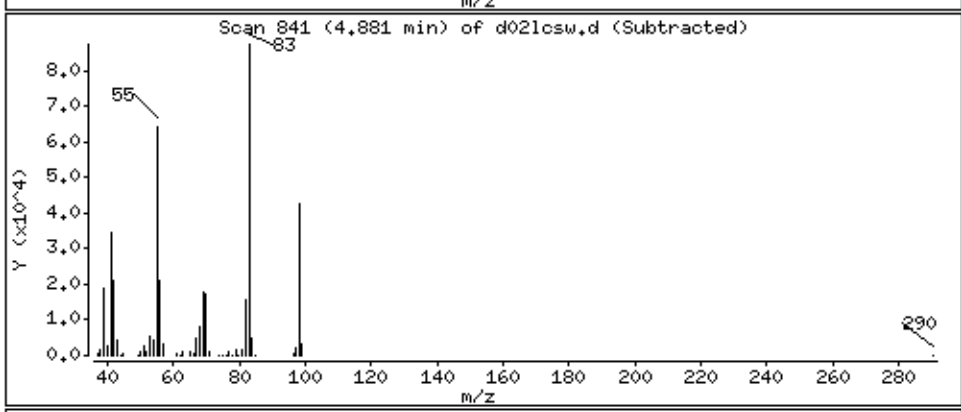
Column diameter: 0.18

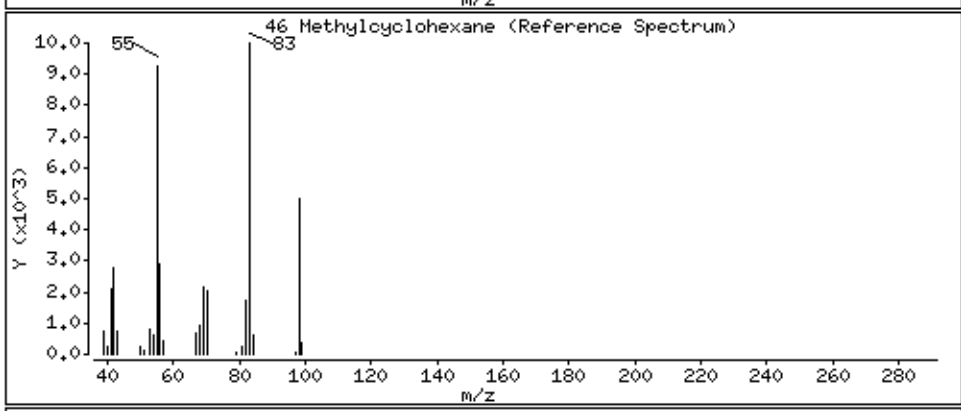
46 Methylcyclohexane

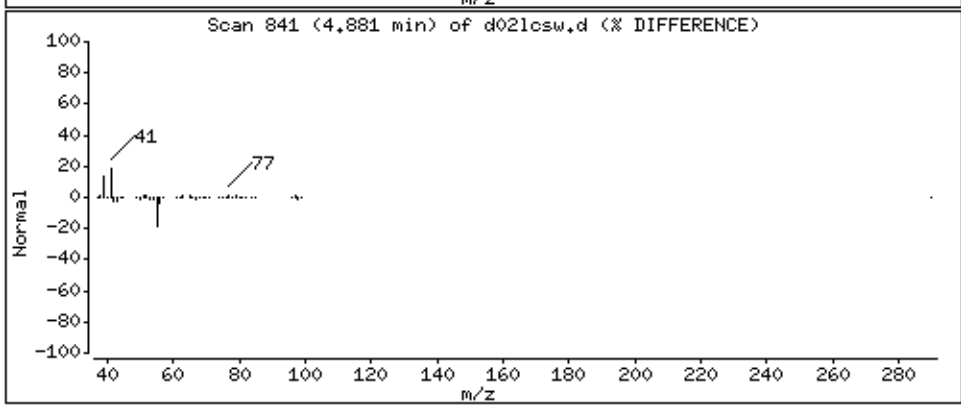
Concentration: 41.0 ppb

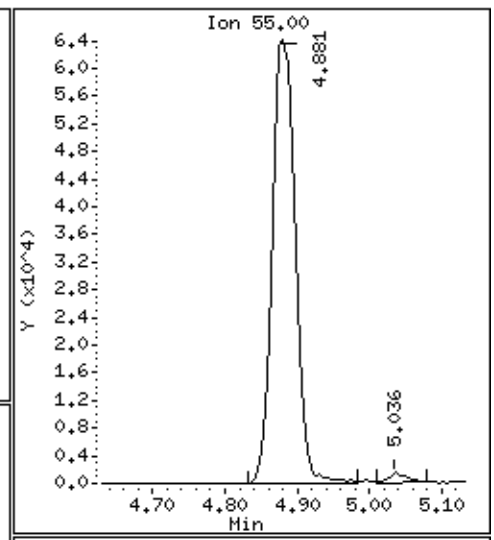
Review Code:

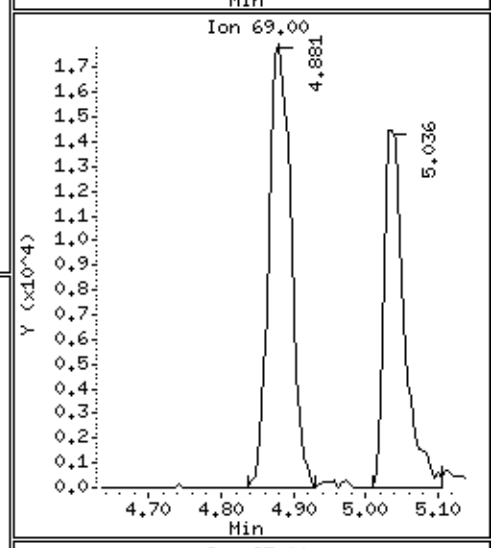


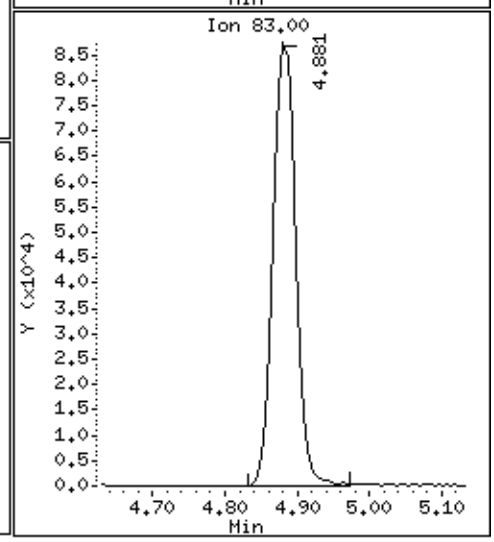












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

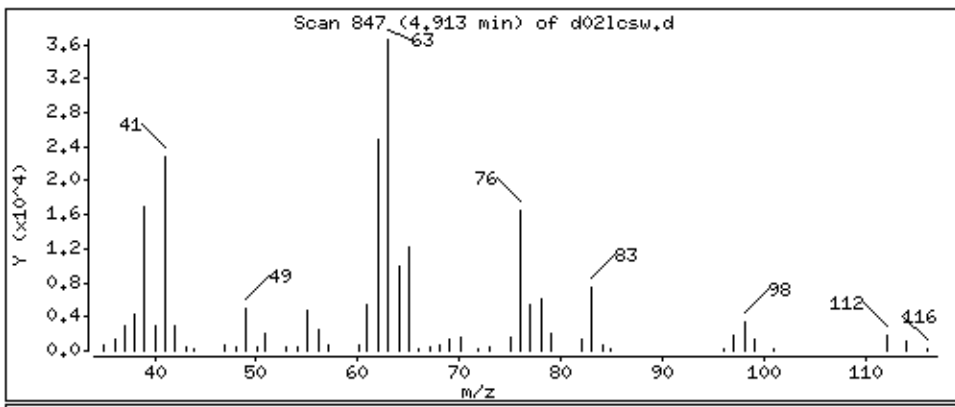
Column phase: DB-624

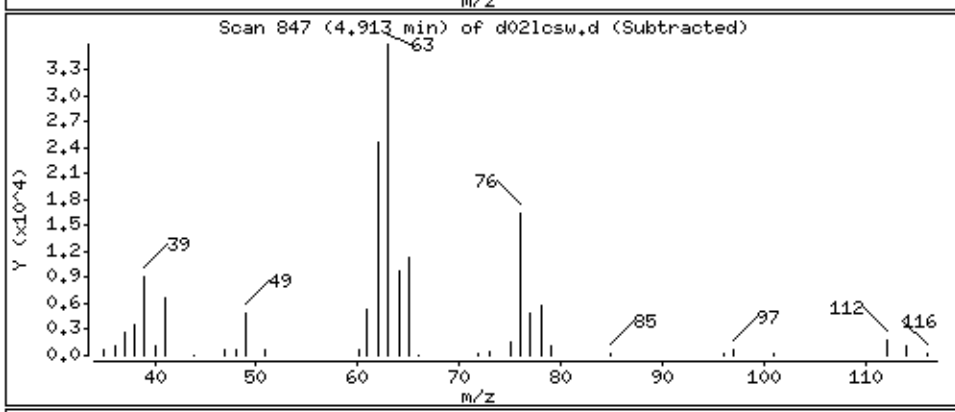
Column diameter: 0.18

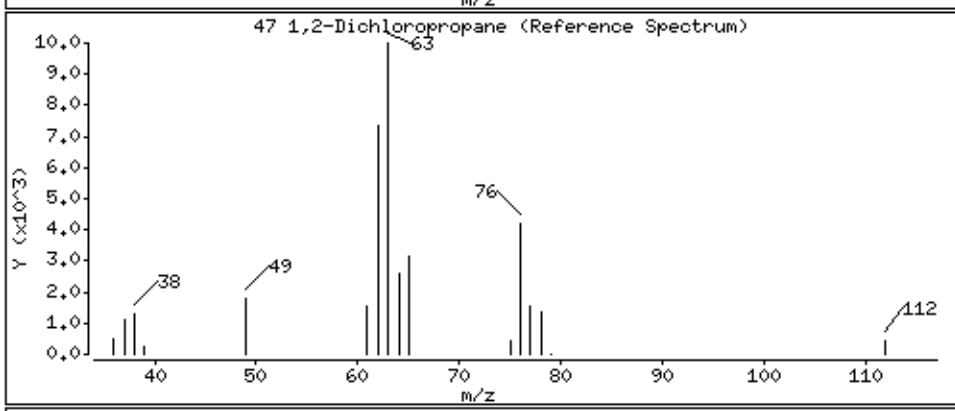
47 1,2-Dichloropropane

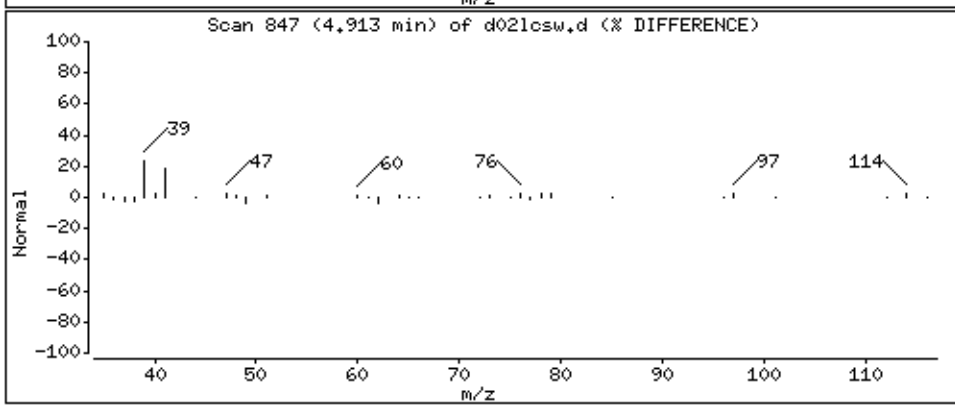
Concentration: 42.3 ppb

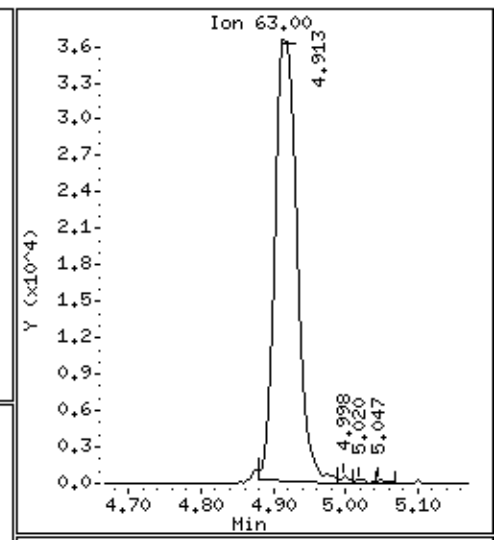
Review Code:

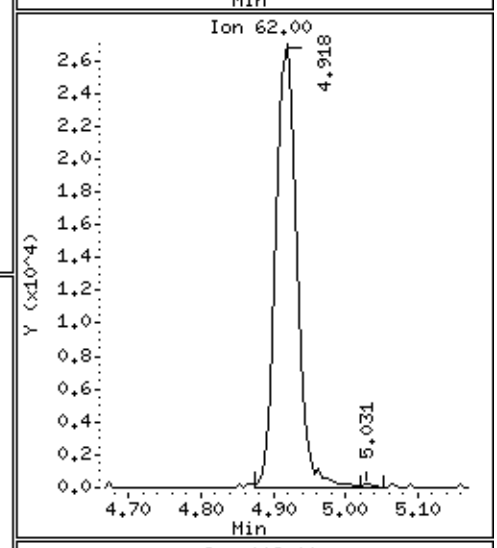


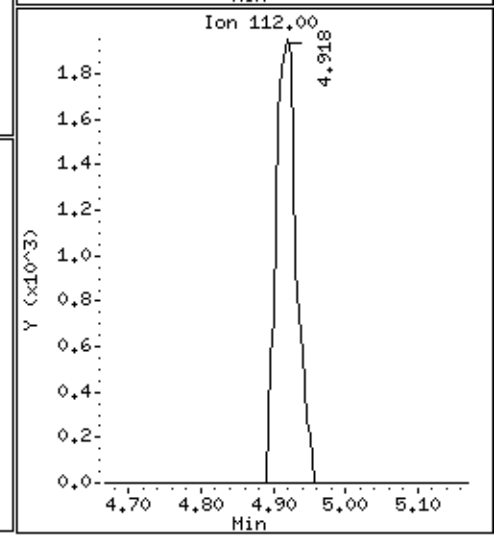












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

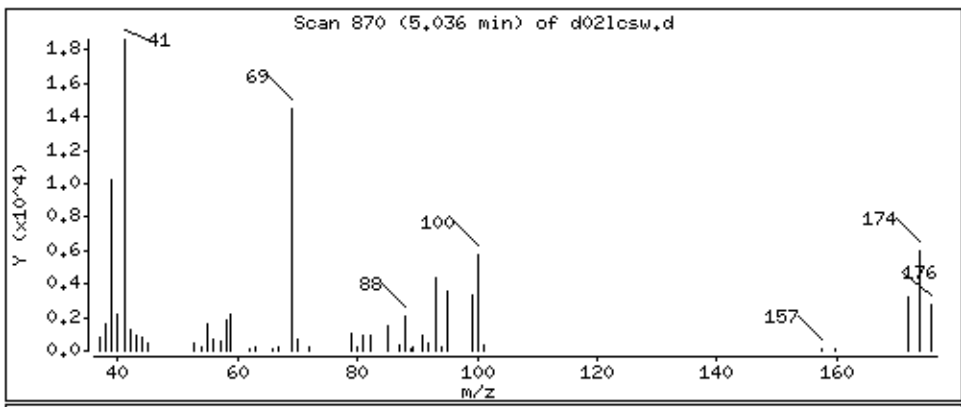
Column phase: DB-624

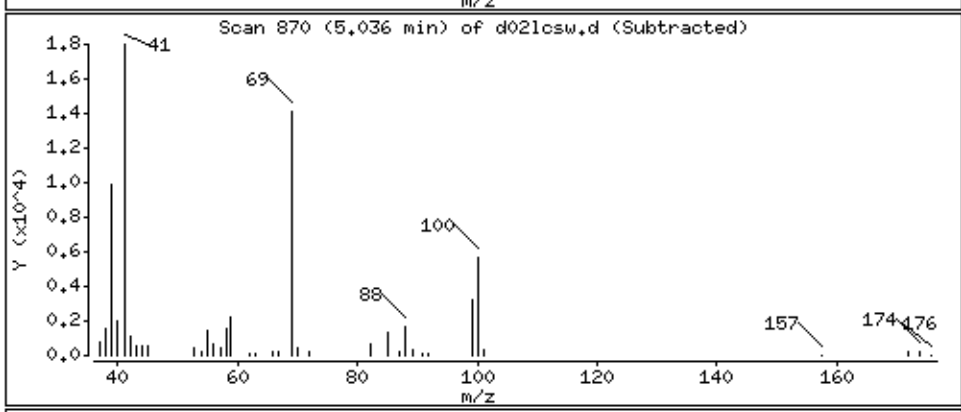
Column diameter: 0.18

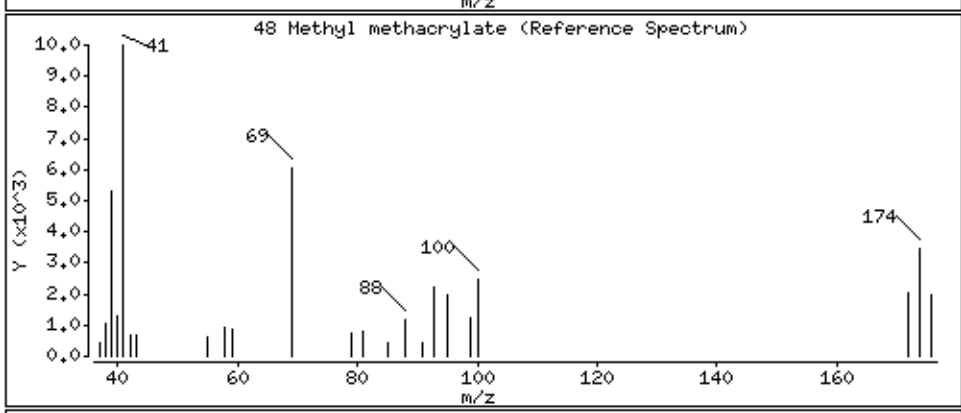
48 Methyl methacrylate

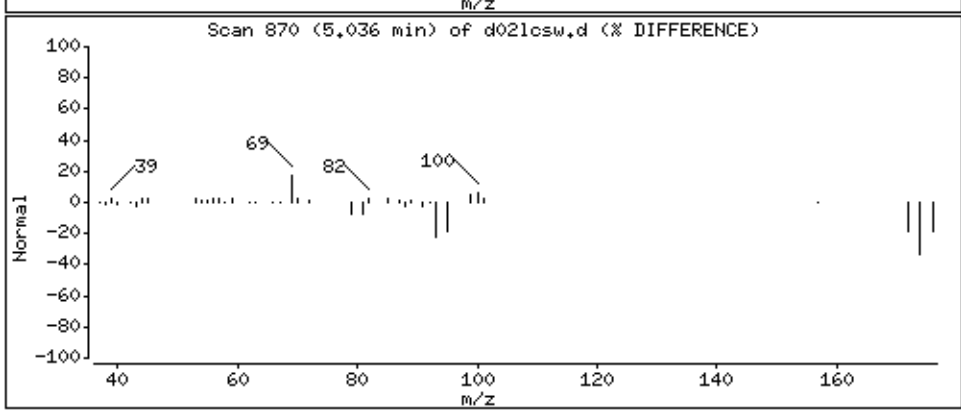
Concentration: 42.2 ppb

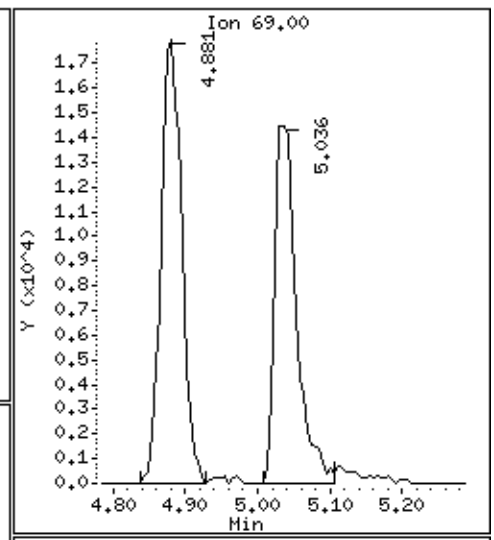
Review Code:

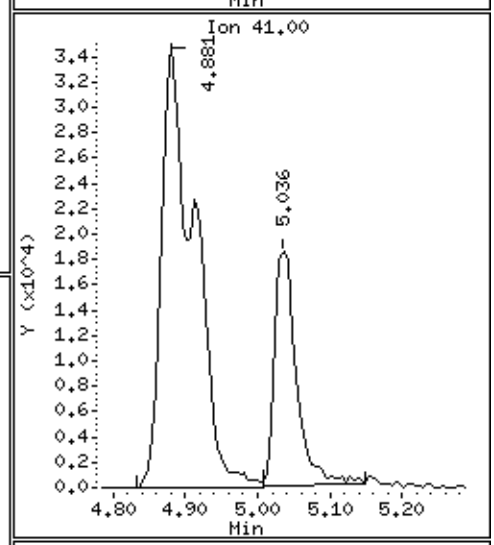


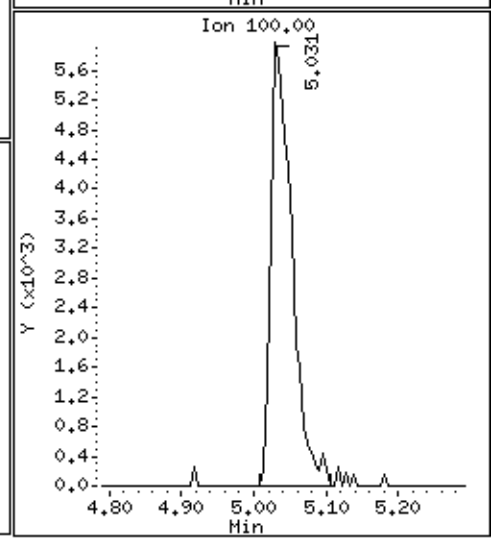












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

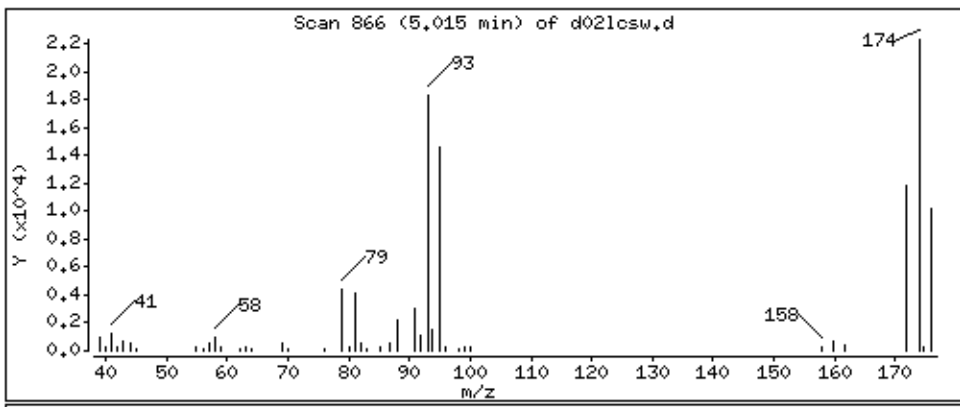
Column phase: DB-624

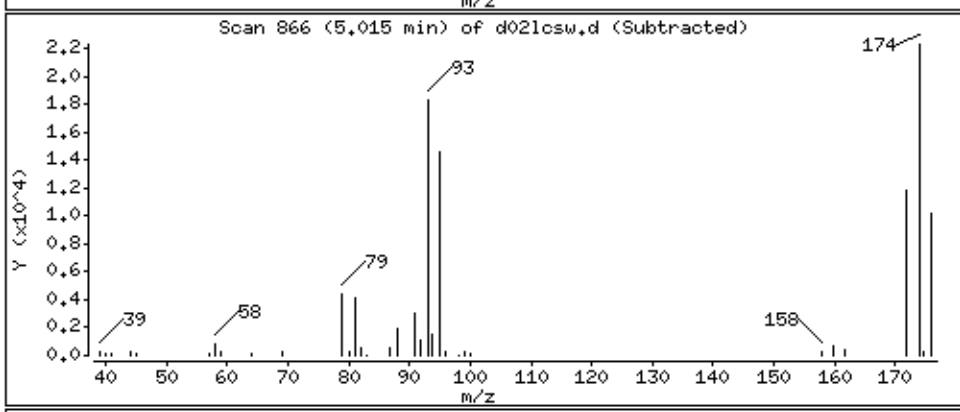
Column diameter: 0.18

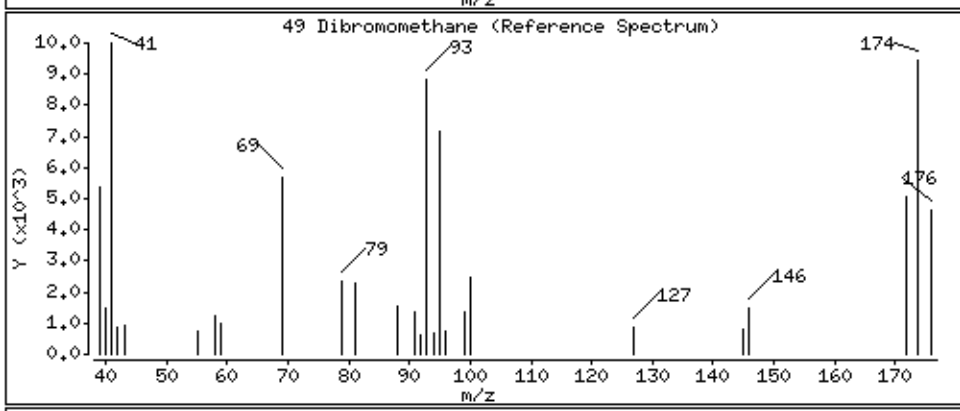
49 Dibromomethane

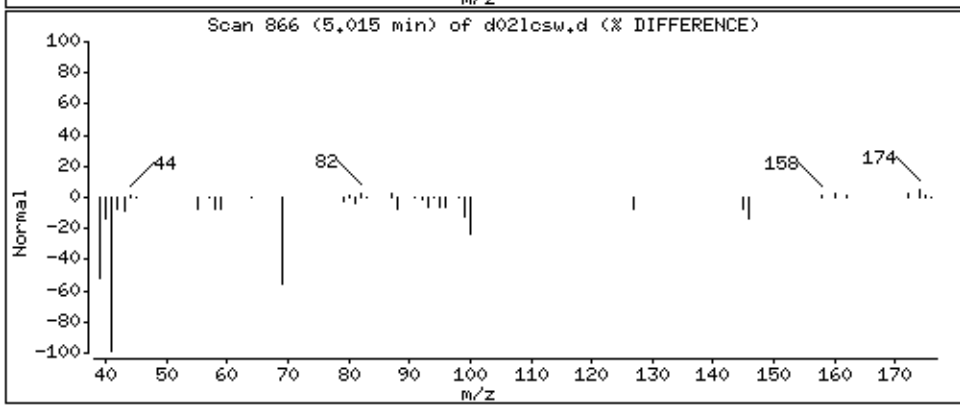
Concentration: 45.0 ppb

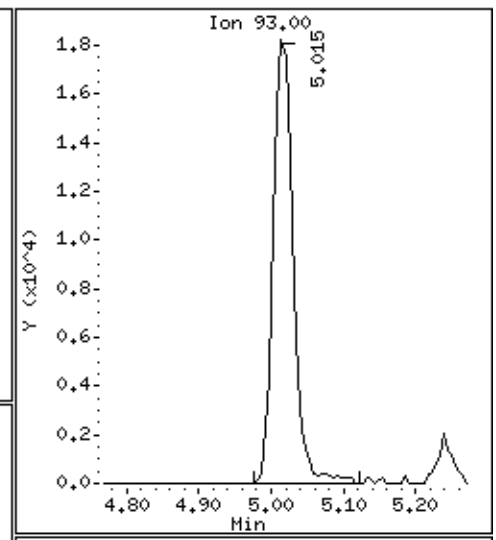
Review Code:

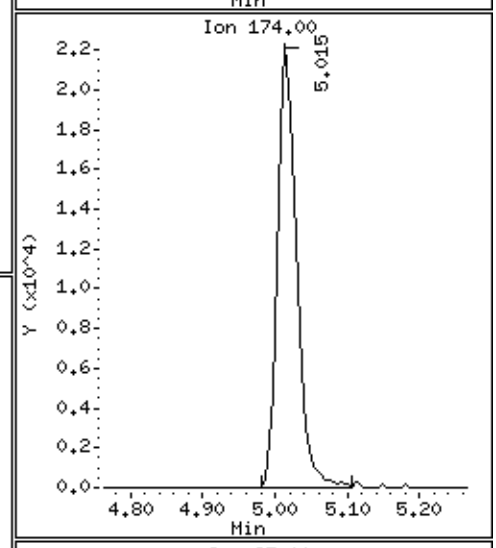


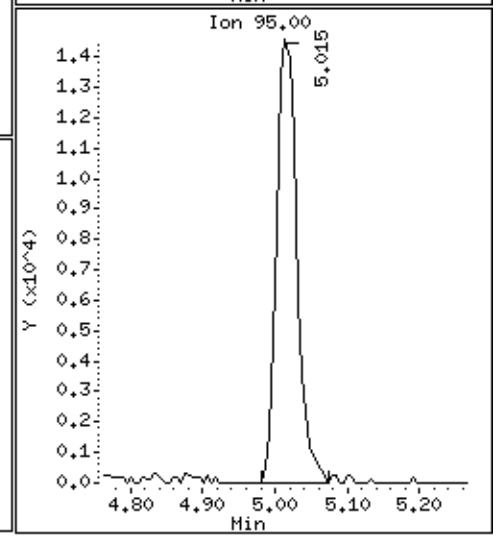












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

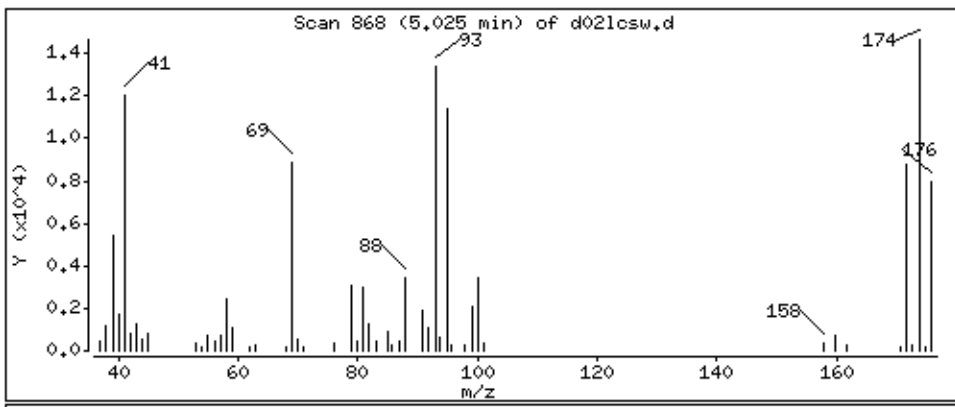
Column phase: DB-624

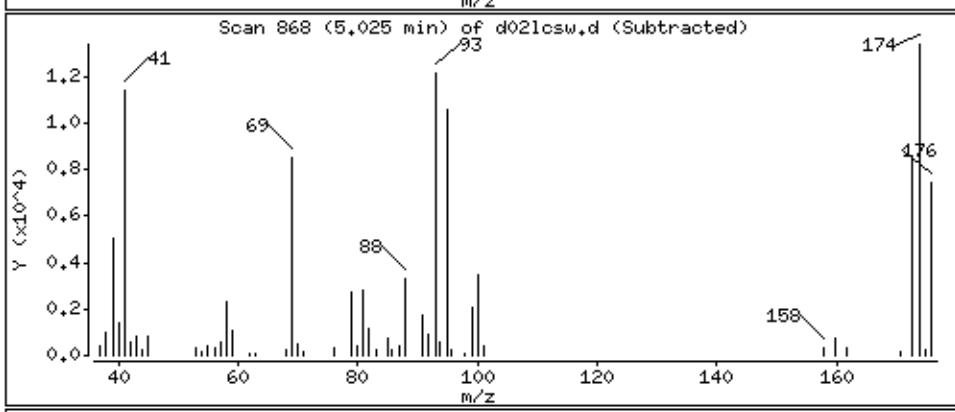
Column diameter: 0.18

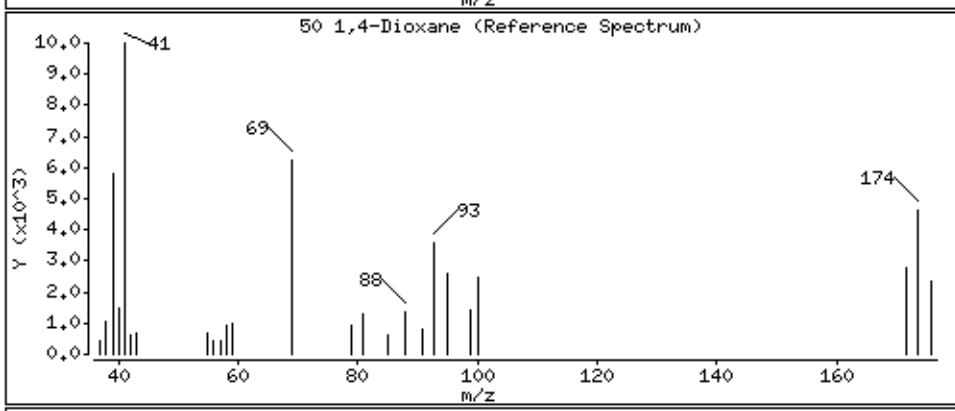
50 1,4-Dioxane

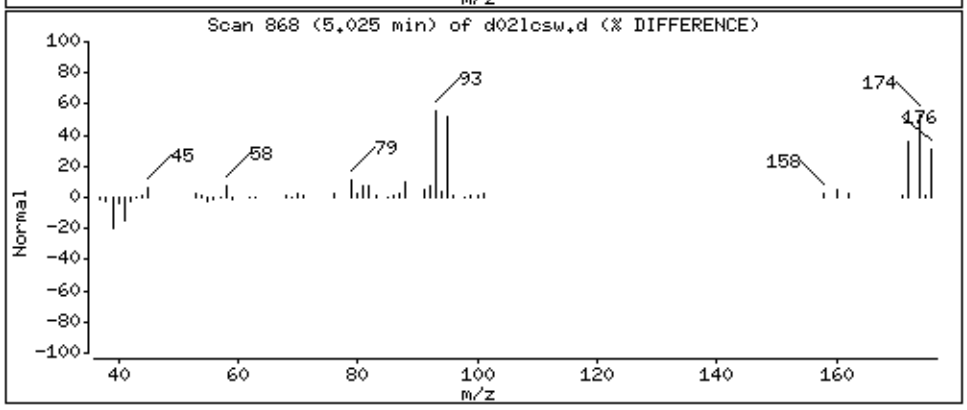
Concentration: 838 ppb

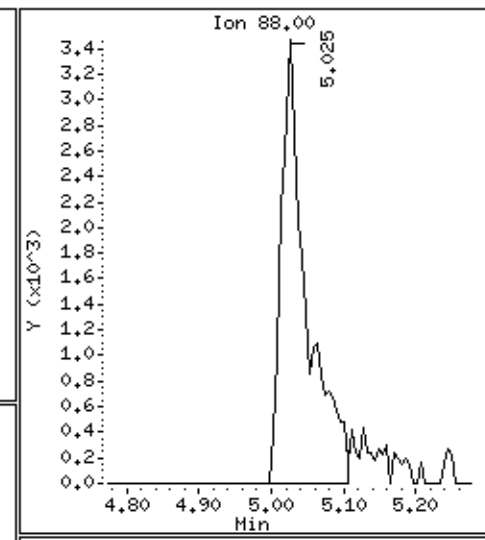
Review Code:

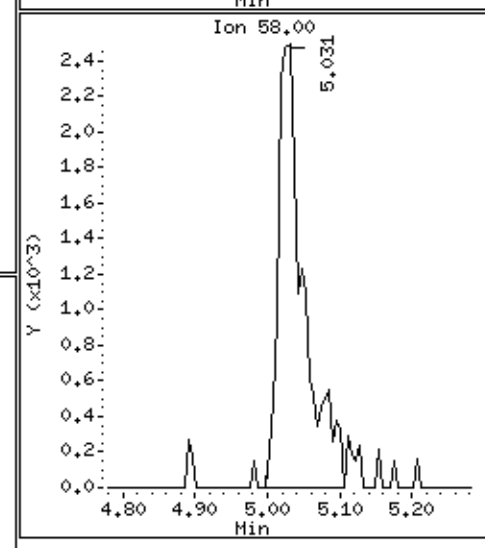












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

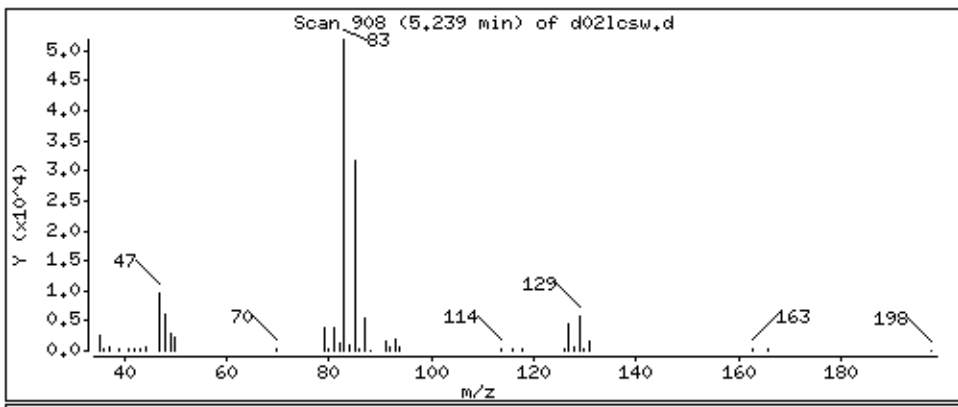
Column phase: DB-624

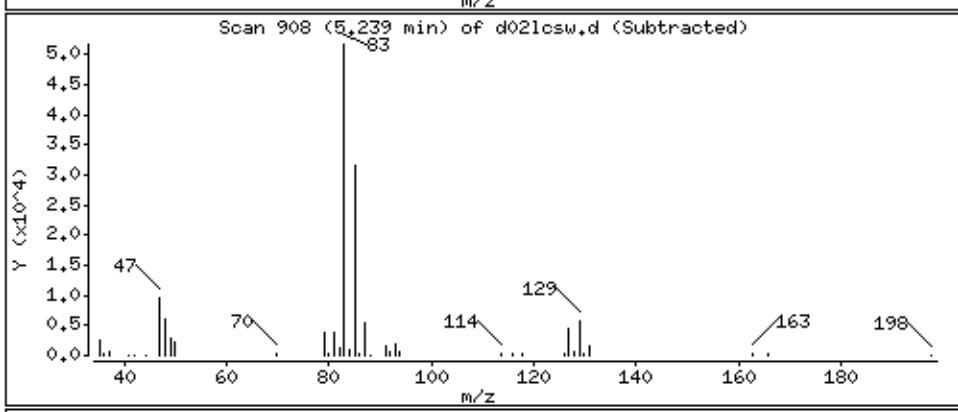
Column diameter: 0.18

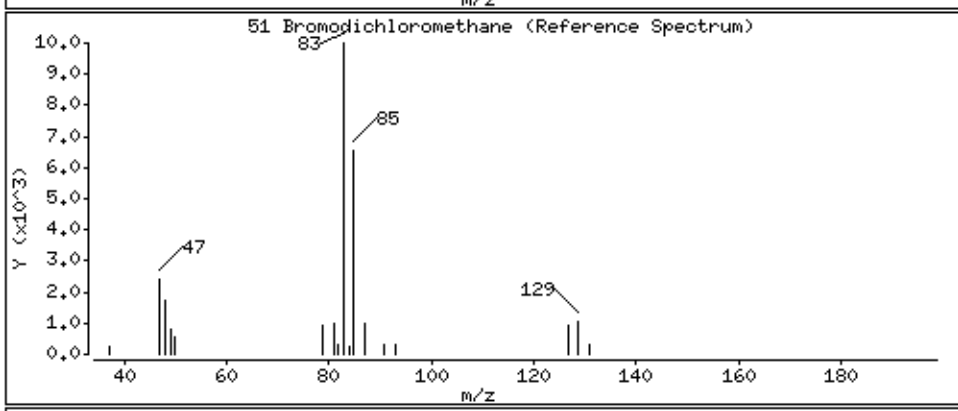
51 Bromodichloromethane

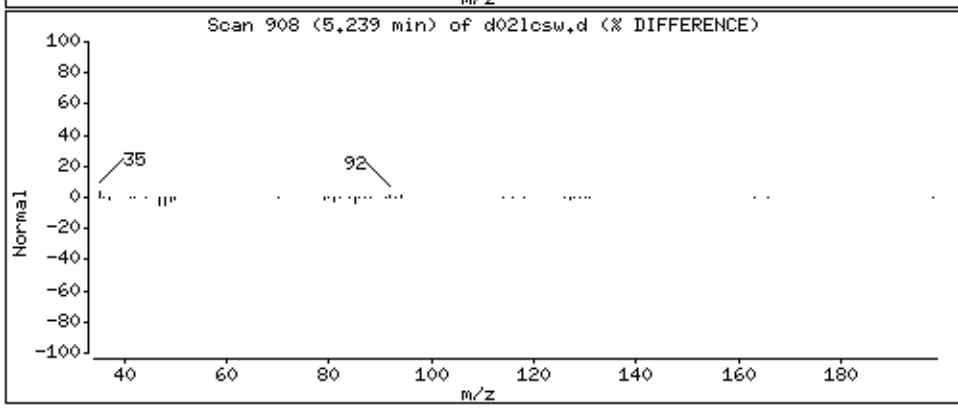
Concentration: 43.2 ppb

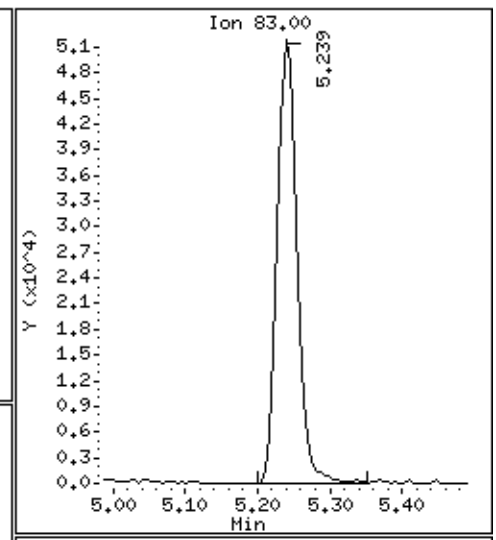
Review Code:

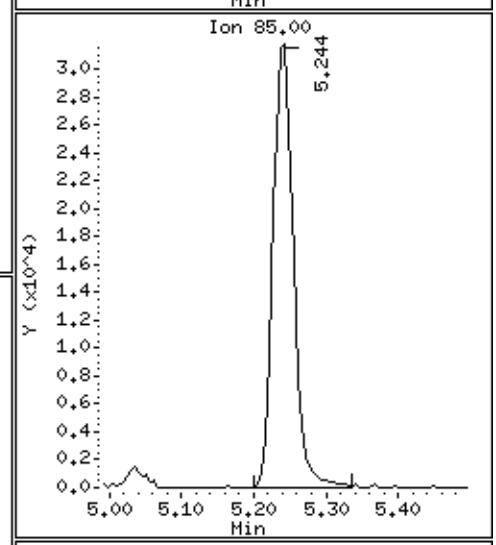


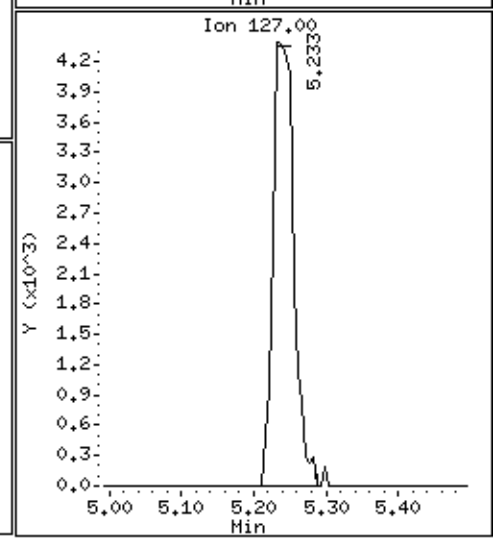












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

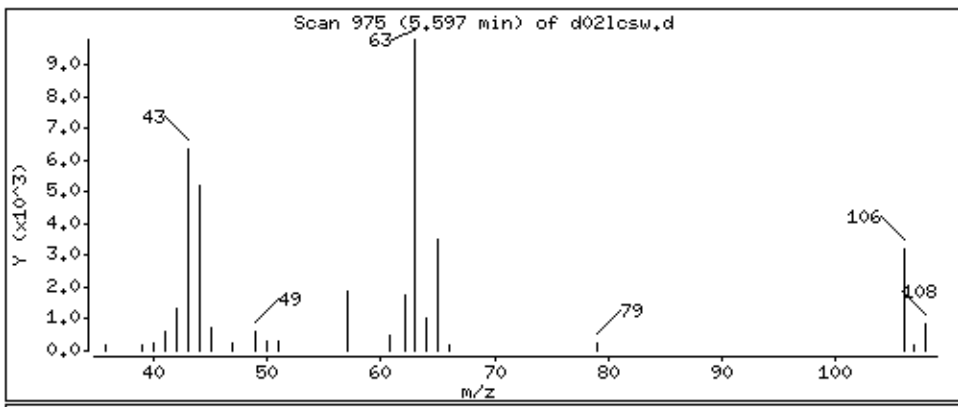
Column phase: DB-624

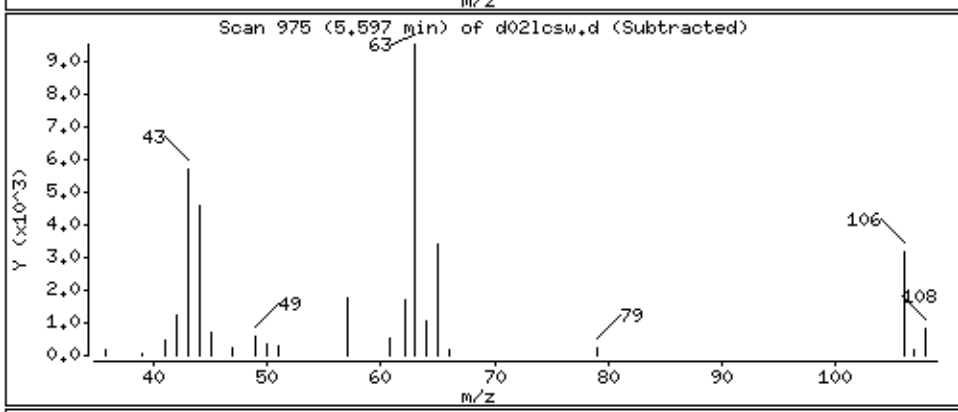
Column diameter: 0.18

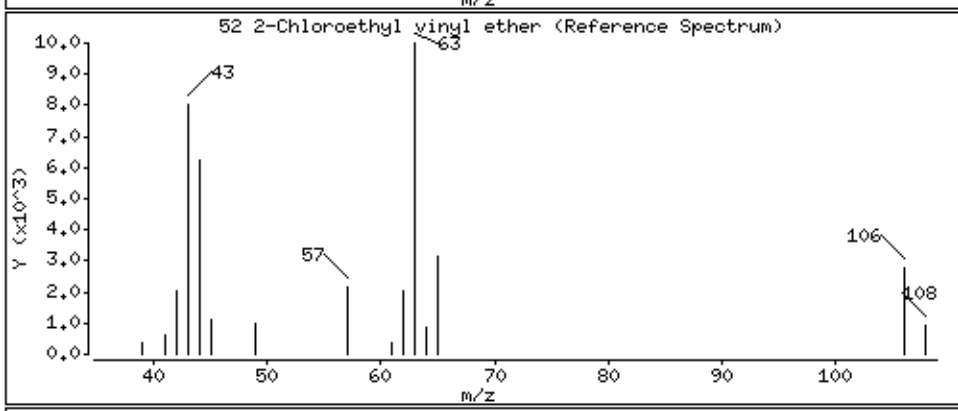
52 2-Chloroethyl vinyl ether

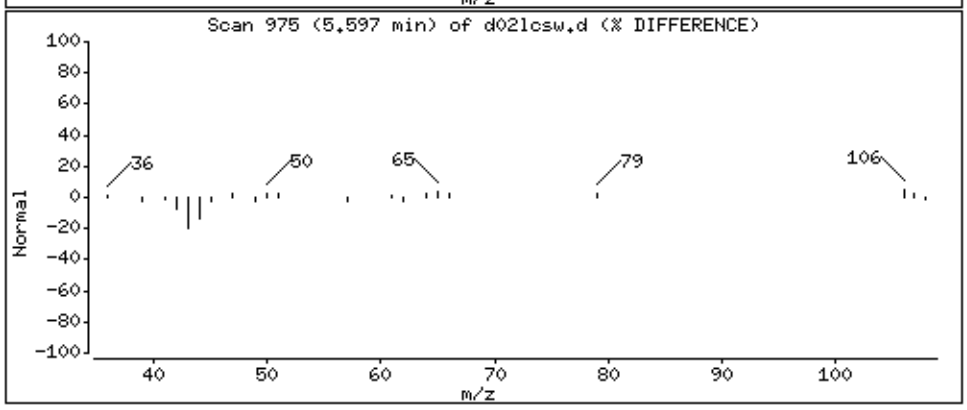
Concentration: 41.2 ppb

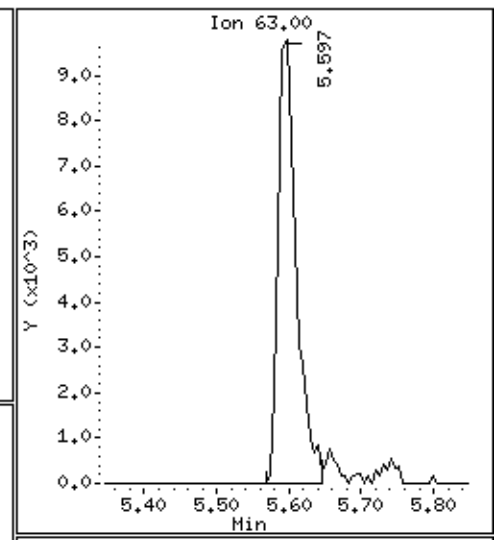
Review Code:

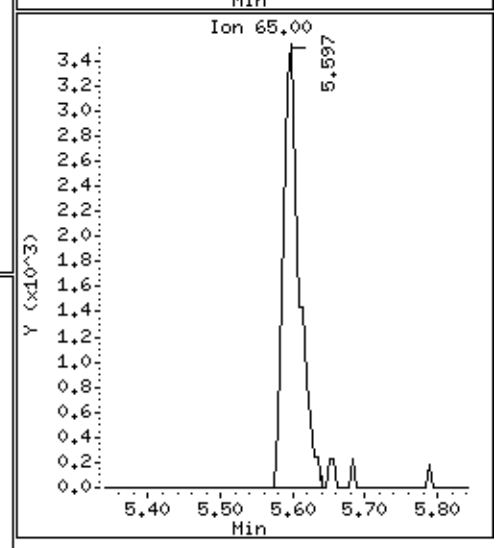












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

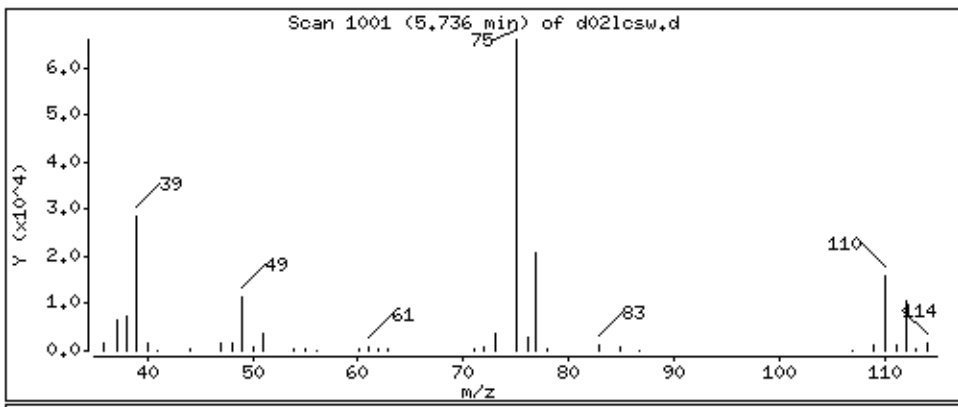
Column phase: DB-624

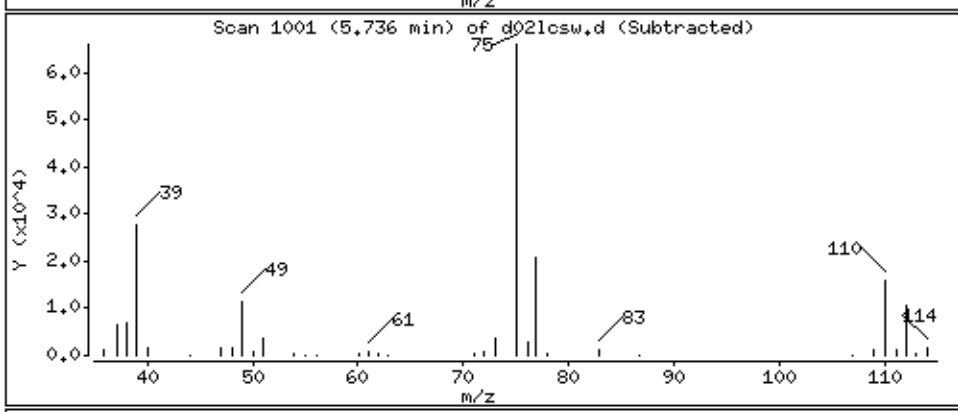
Column diameter: 0.18

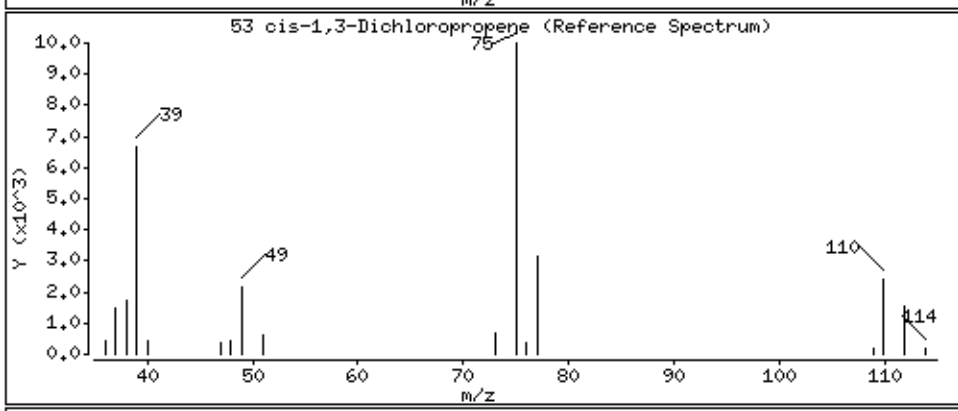
53 cis-1,3-Dichloropropene

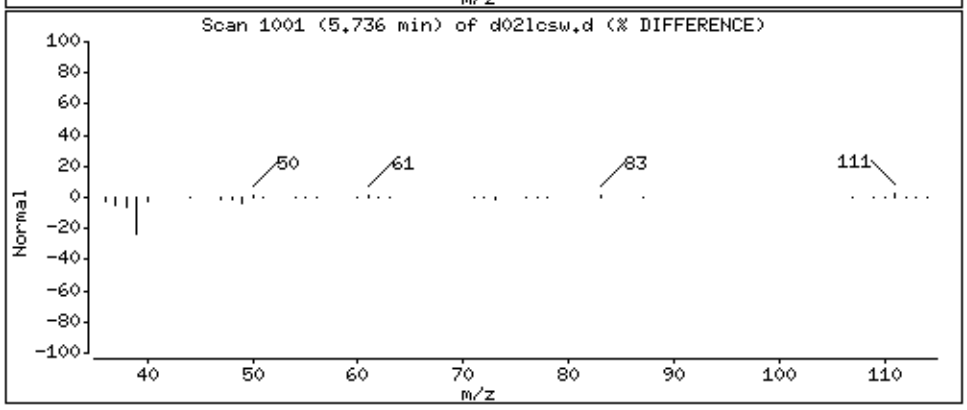
Concentration: 45.6 ppb

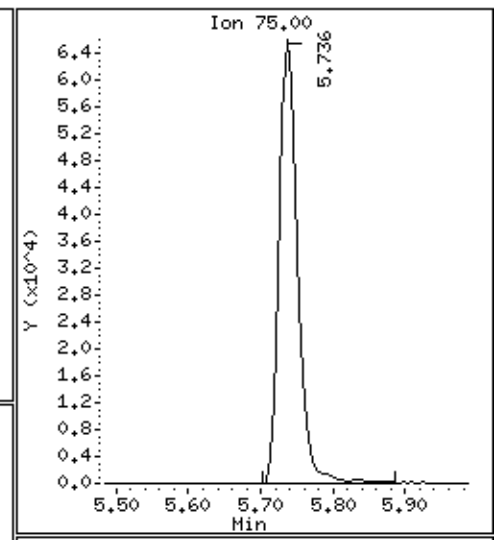
Review Code:

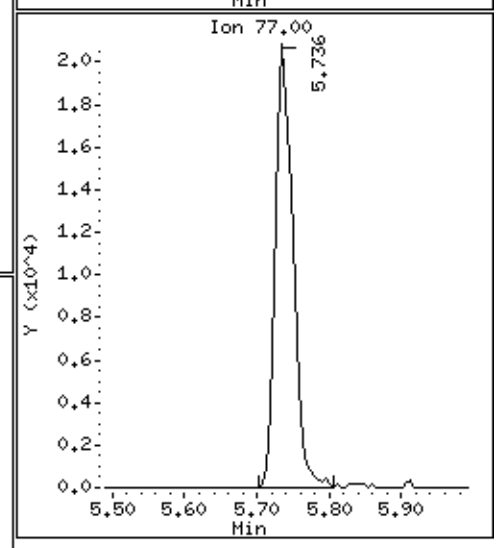












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

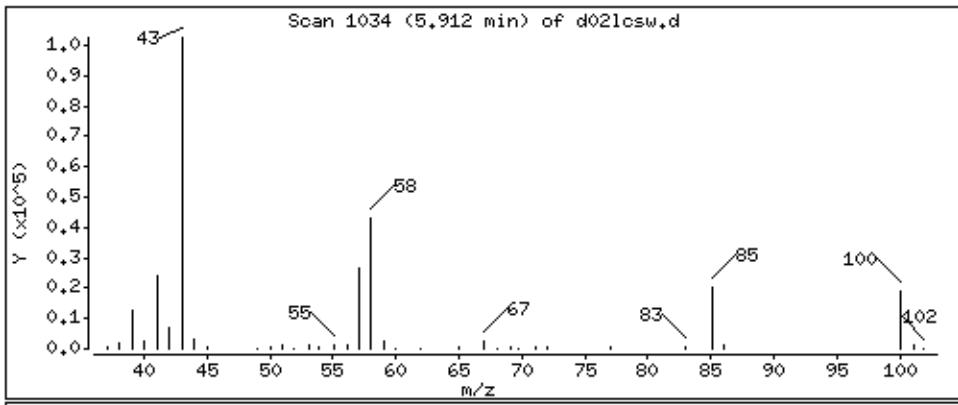
Column phase: DB-624

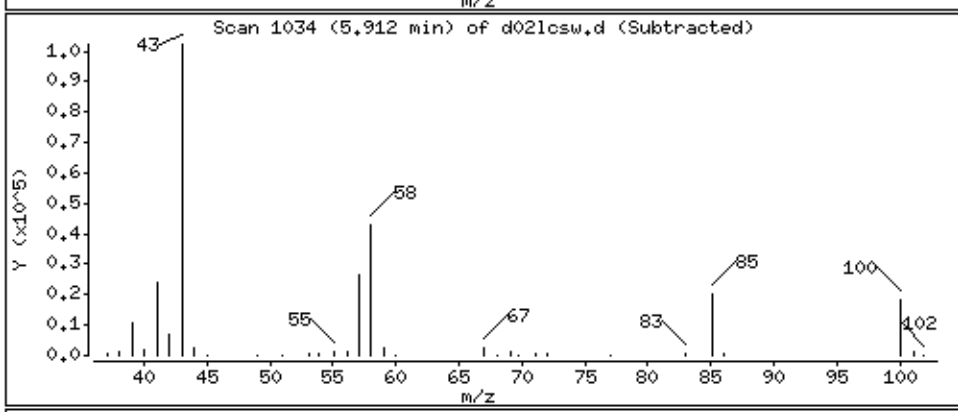
Column diameter: 0.18

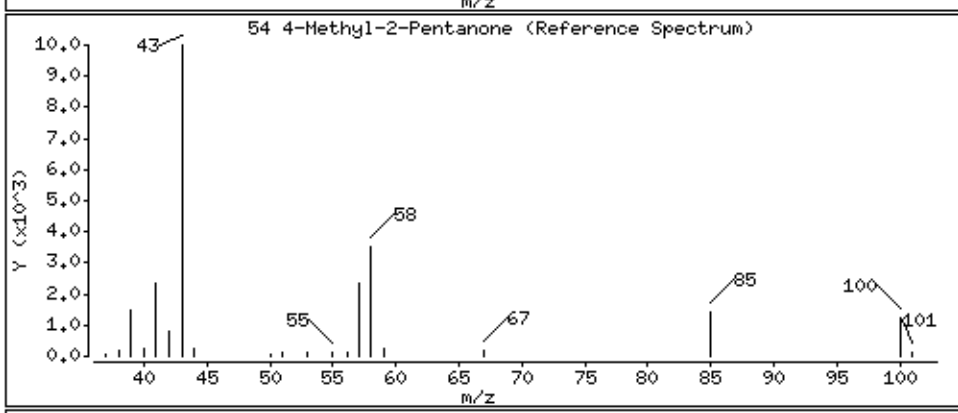
54 4-Methyl-2-Pentanone

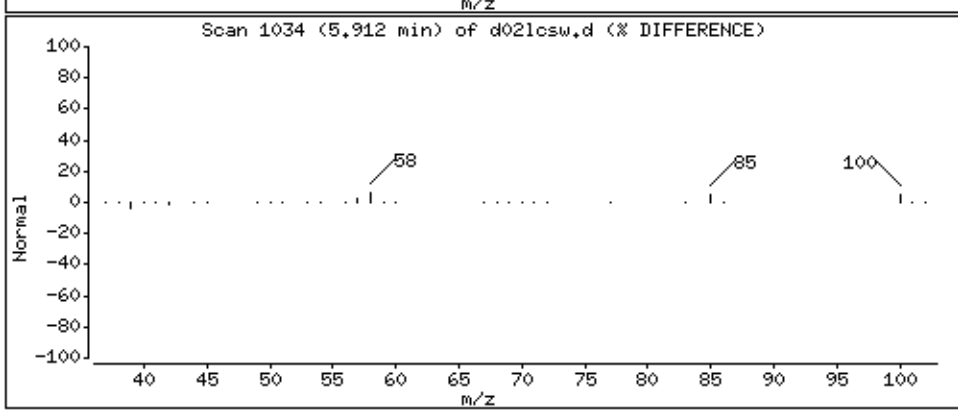
Concentration: 219 ppb

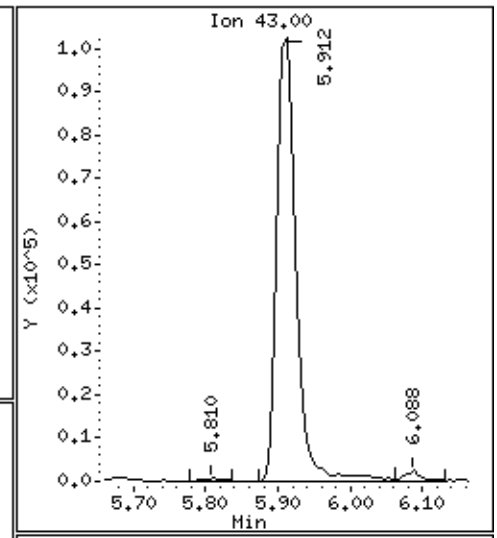
Review Code:

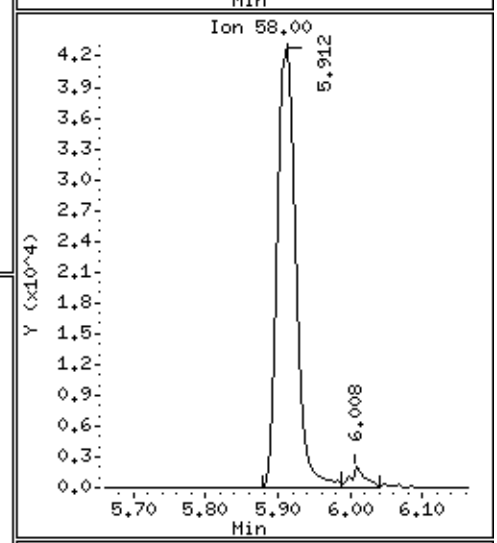


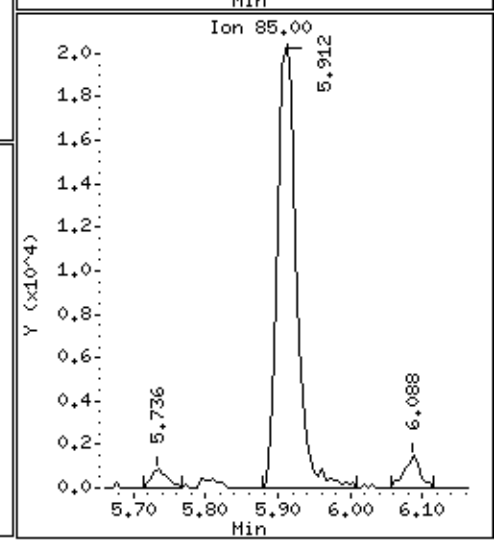












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

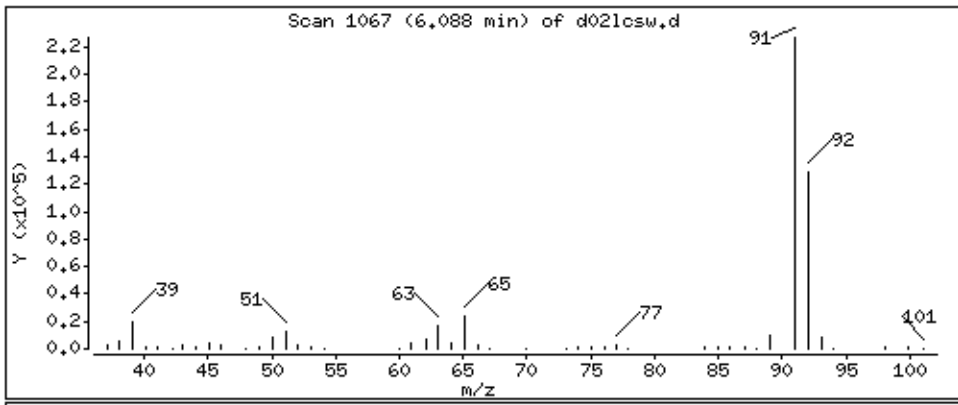
Column phase: DB-624

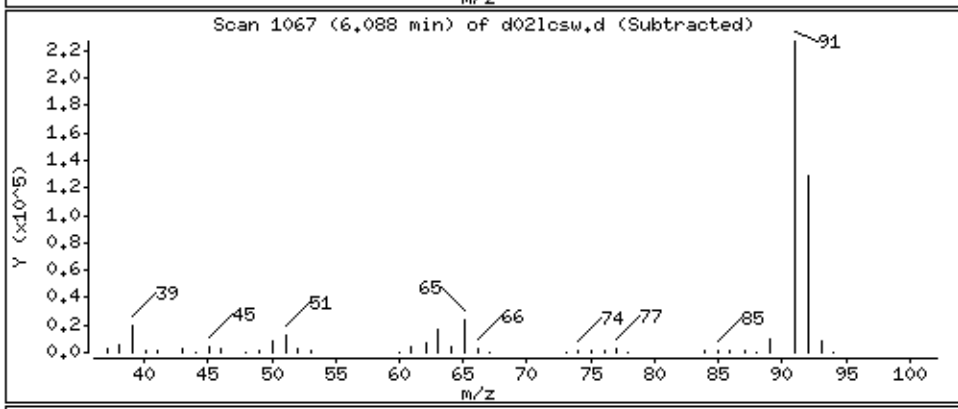
Column diameter: 0.18

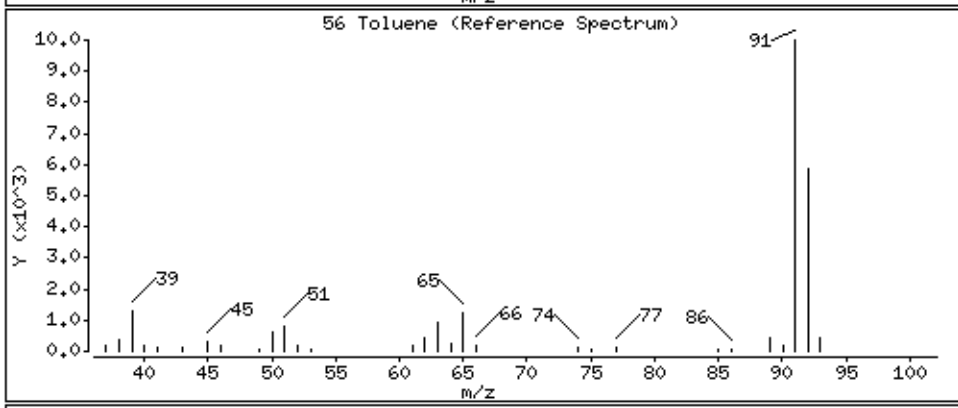
56 Toluene

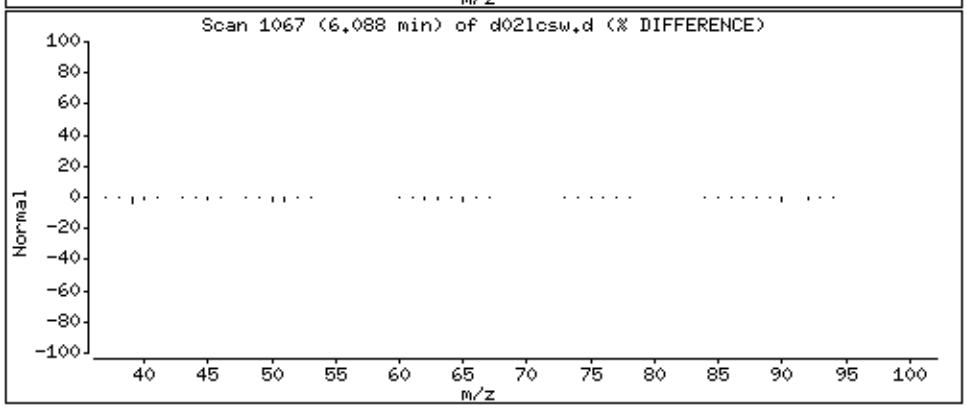
Concentration: 46.3 ppb

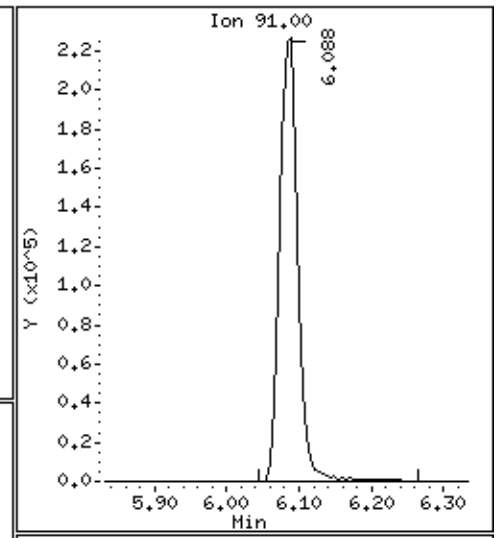
Review Code:

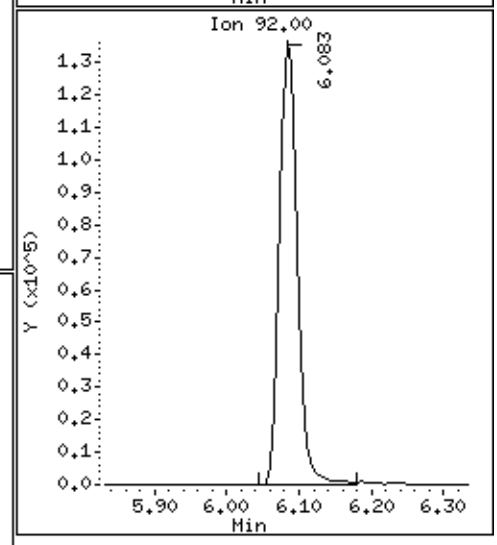












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

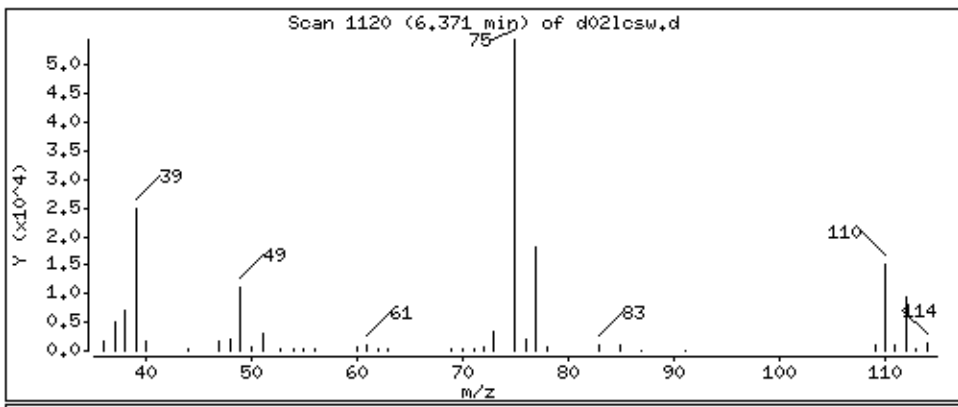
Column phase: DB-624

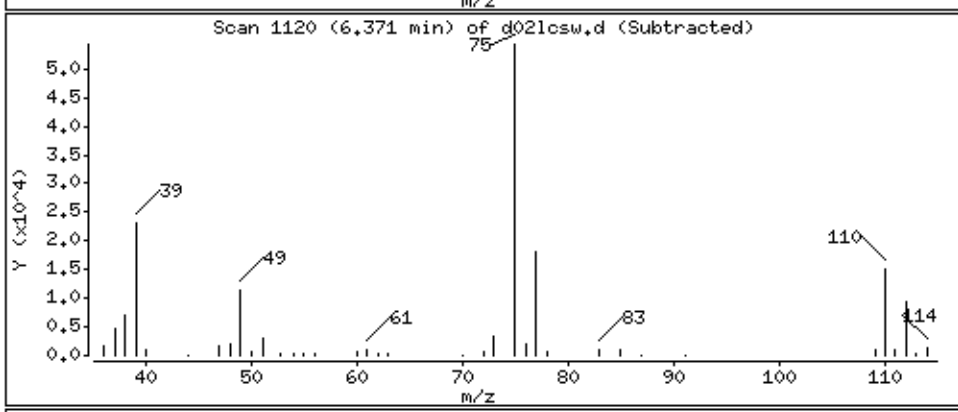
Column diameter: 0.18

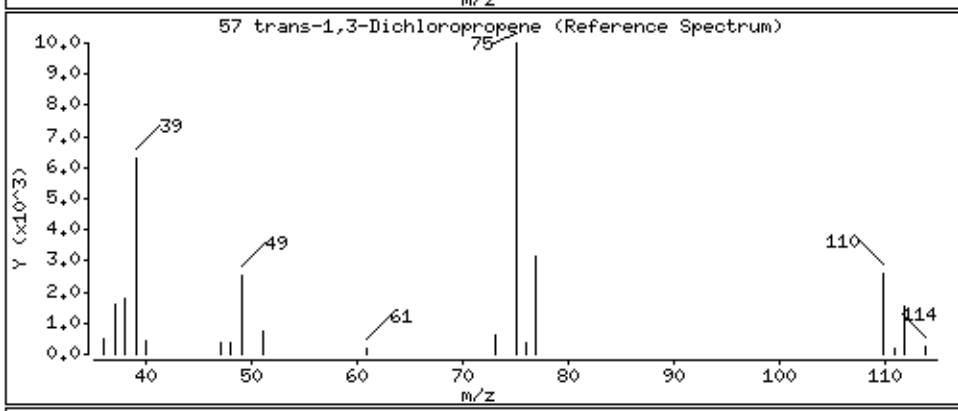
57 trans-1,3-Dichloropropene

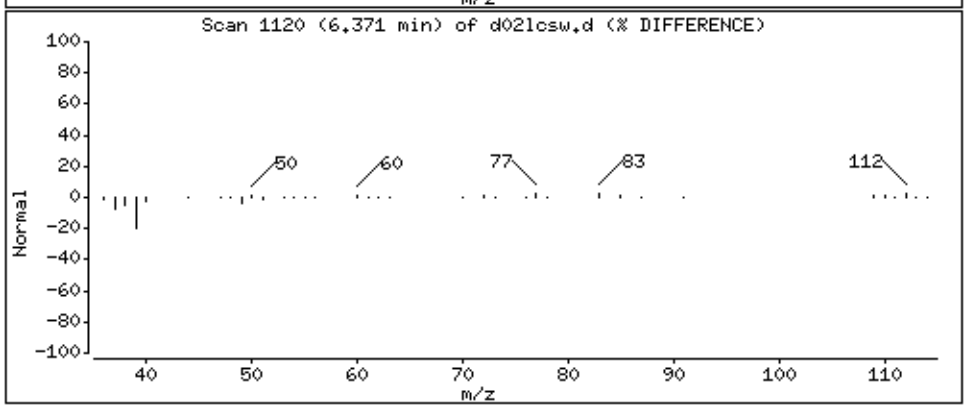
Concentration: 43.8 ppb

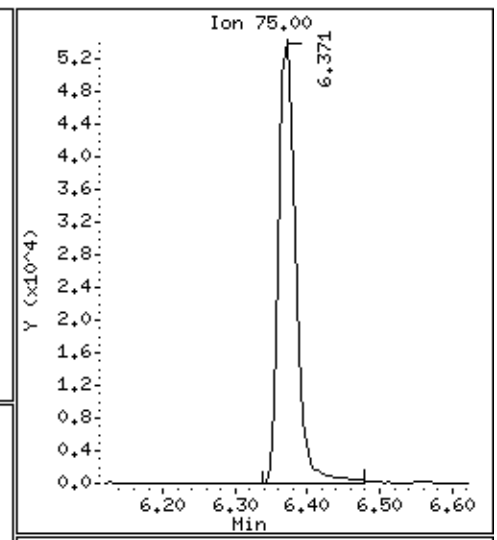
Review Code:

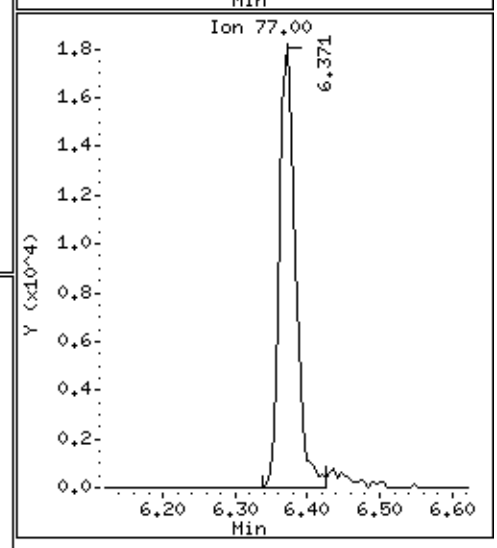












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

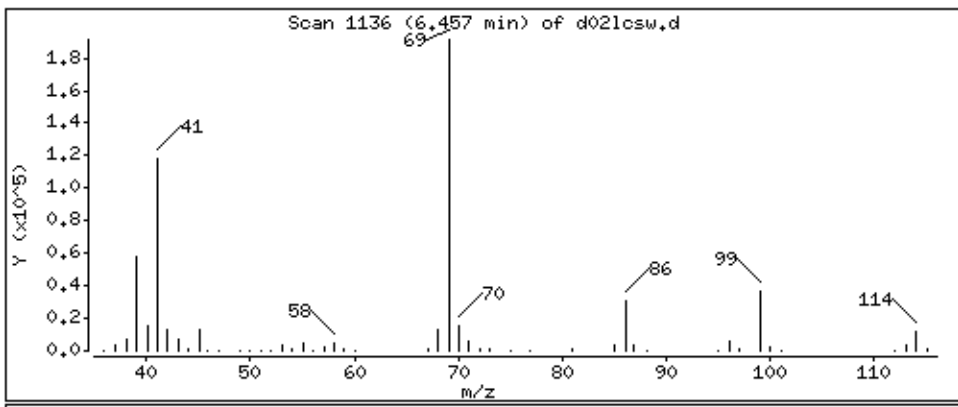
Column phase: DB-624

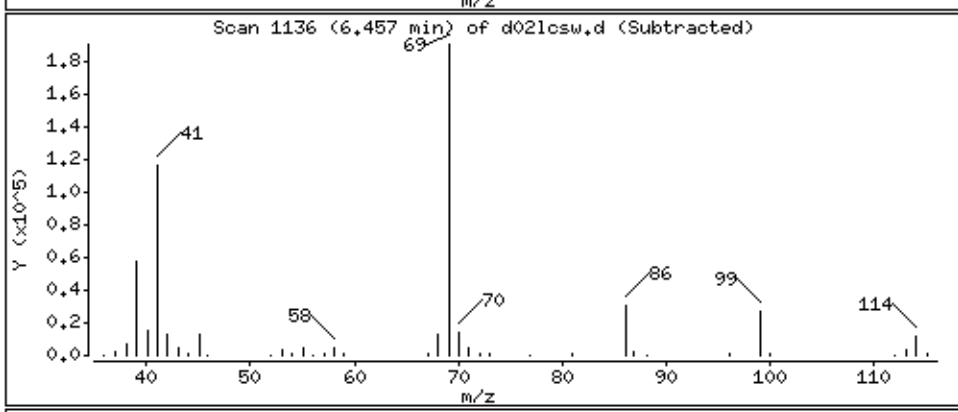
Column diameter: 0.18

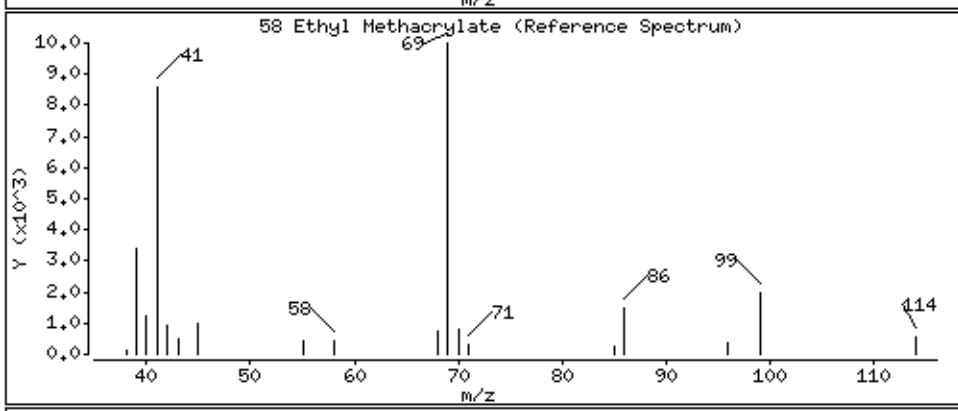
58 Ethyl Methacrylate

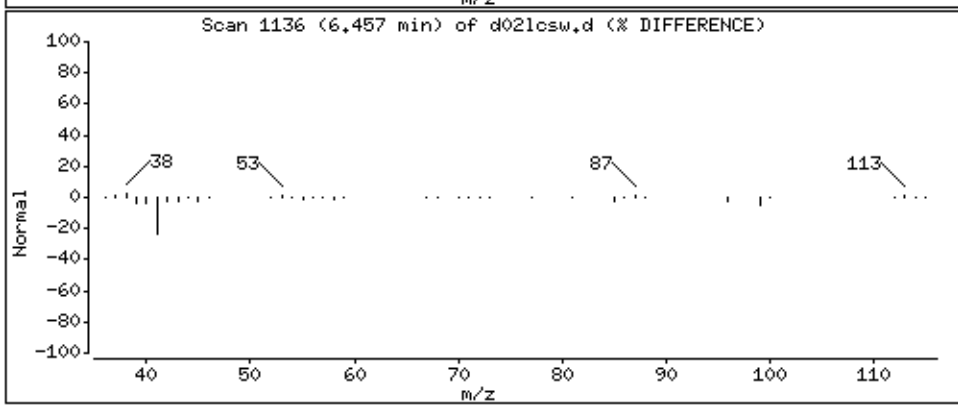
Concentration: 181 ppb

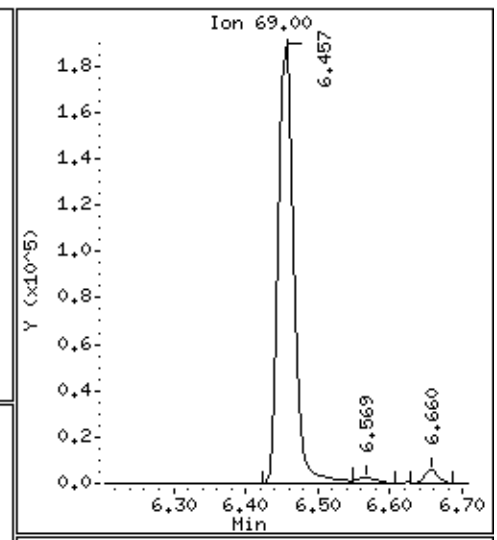
Review Code:

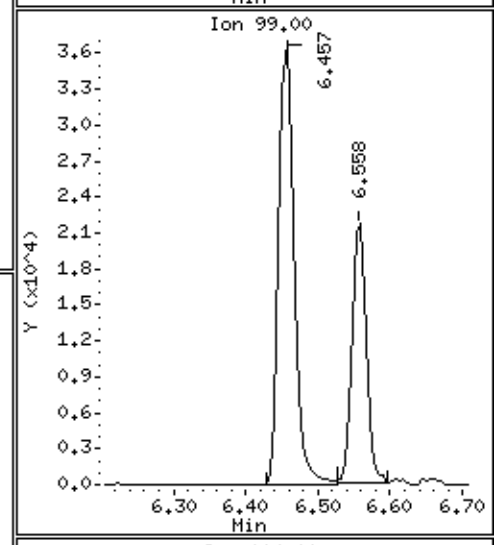


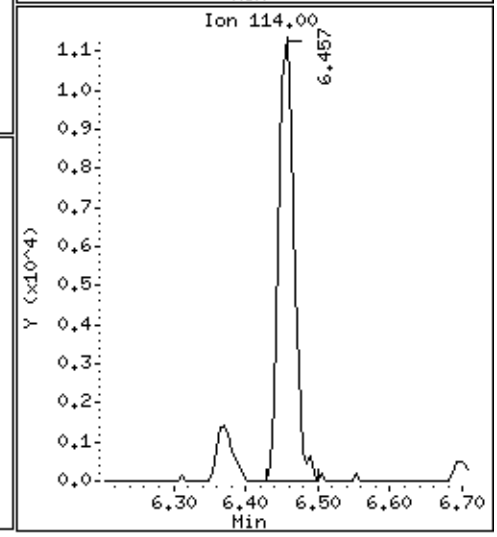












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

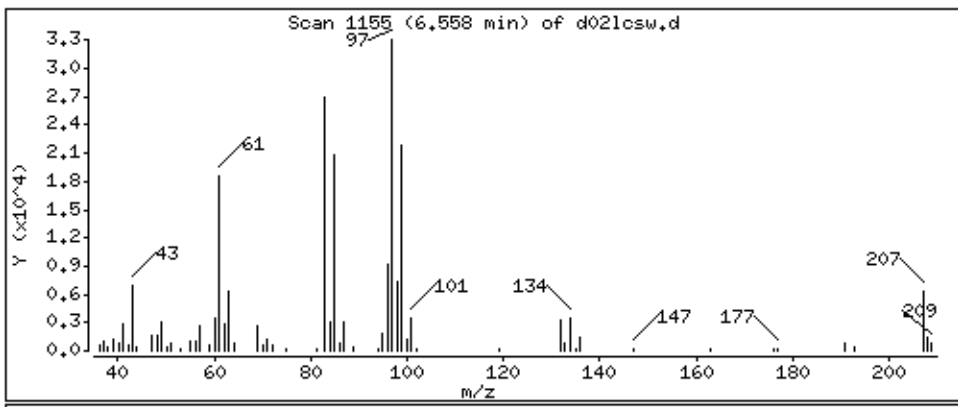
Column phase: DB-624

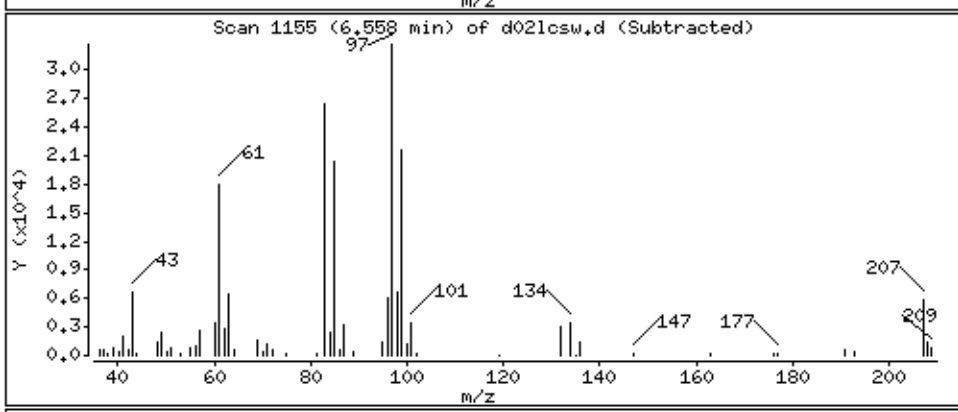
Column diameter: 0.18

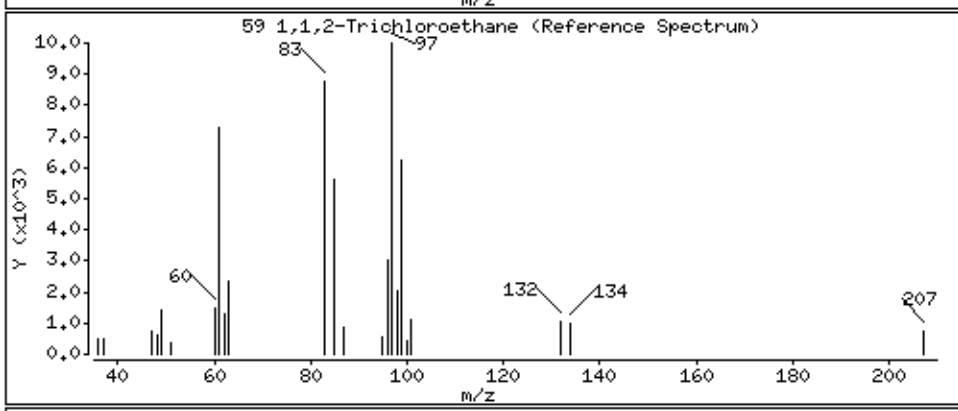
59 1,1,2-Trichloroethane

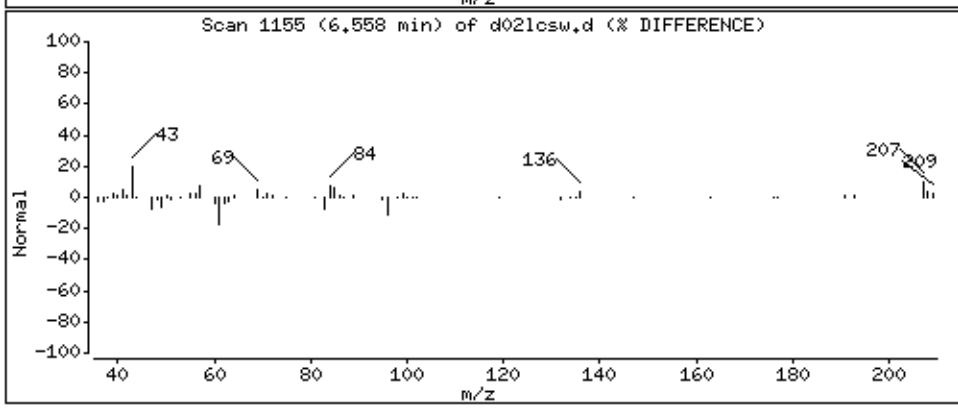
Concentration: 42.4 ppb

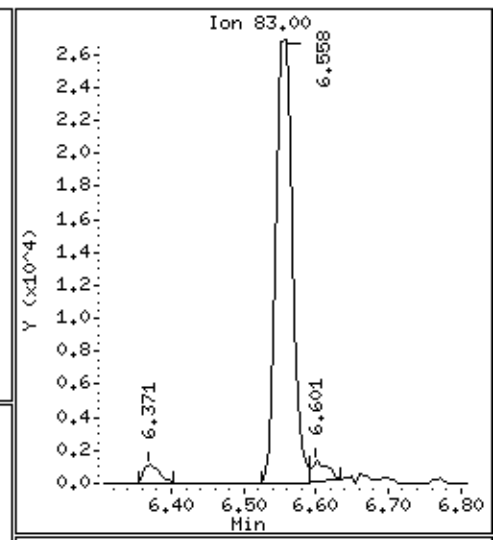
Review Code:

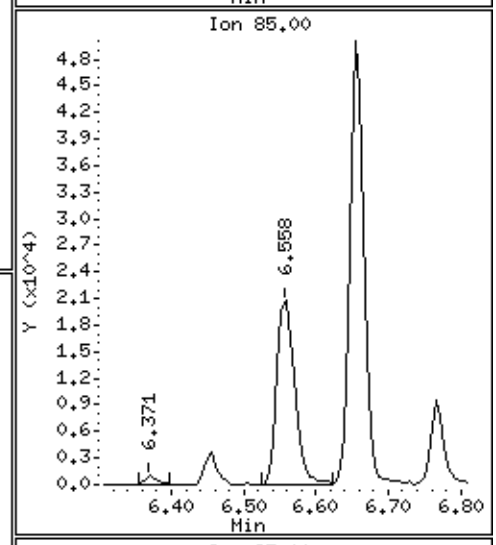


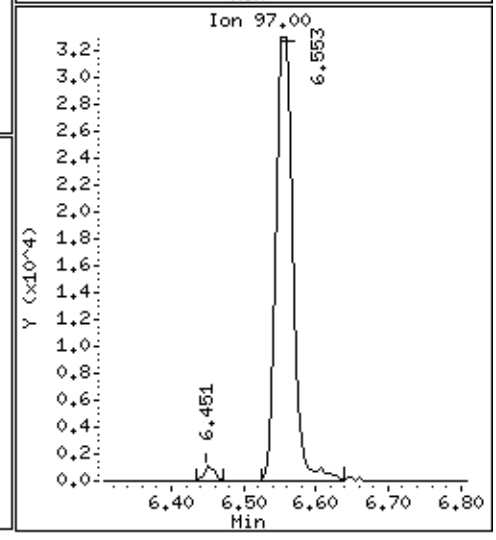












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

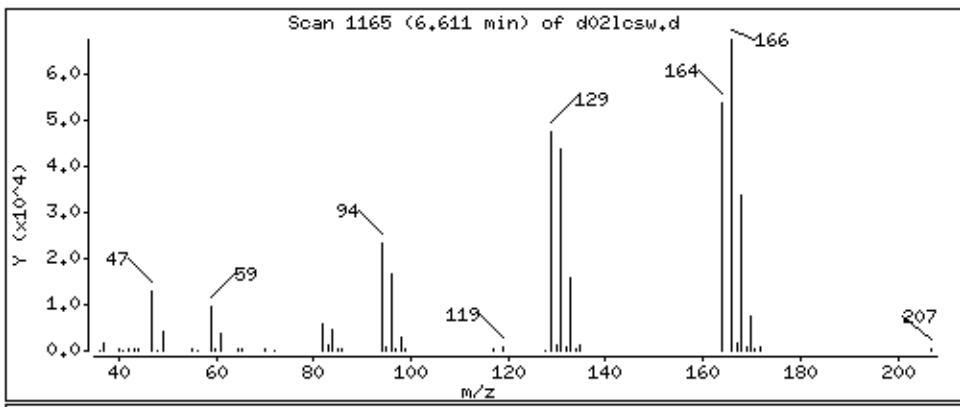
Column phase: DB-624

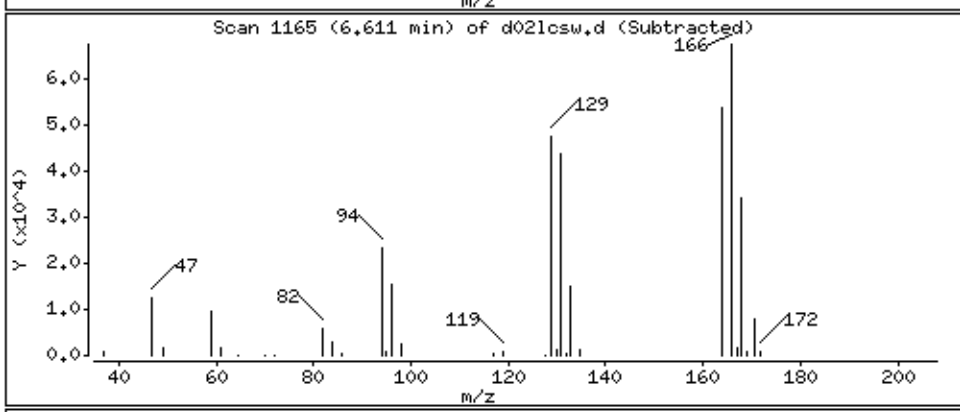
Column diameter: 0.18

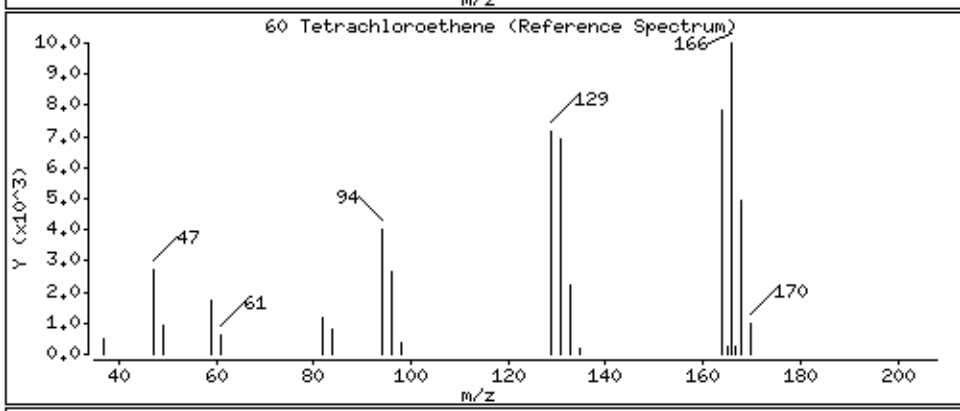
60 Tetrachloroethene

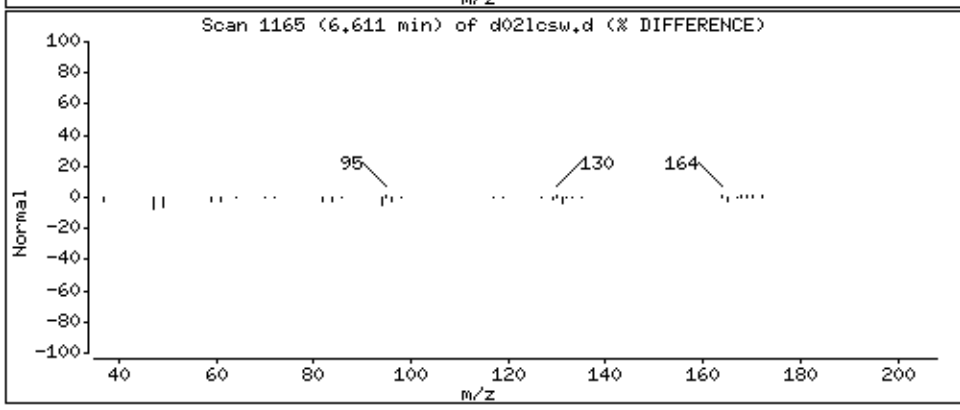
Concentration: 46.4 ppb

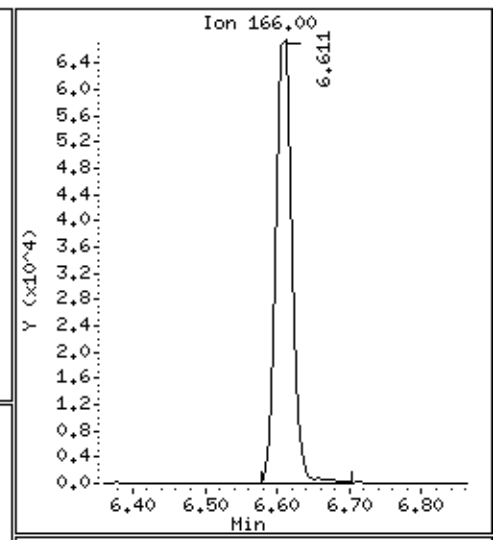
Review Code:

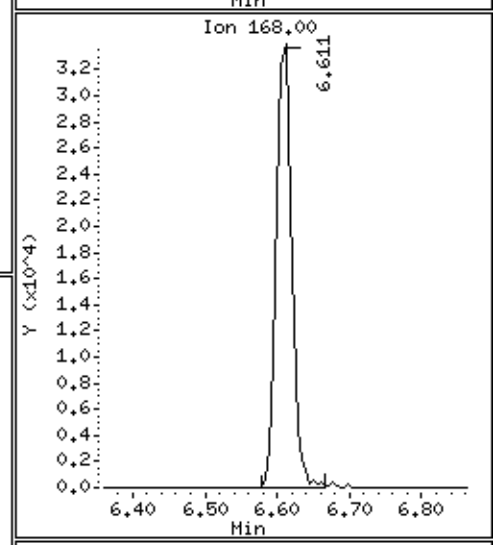


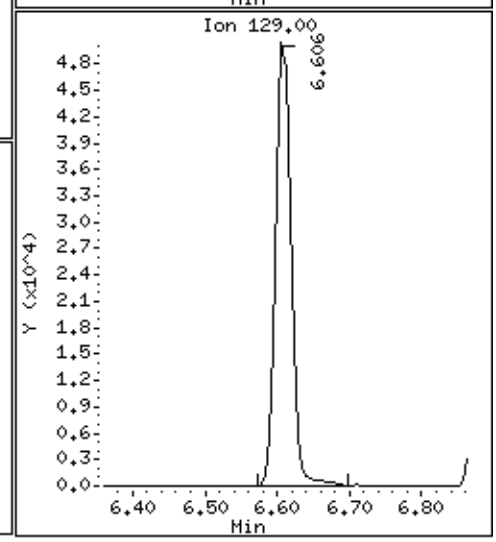












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

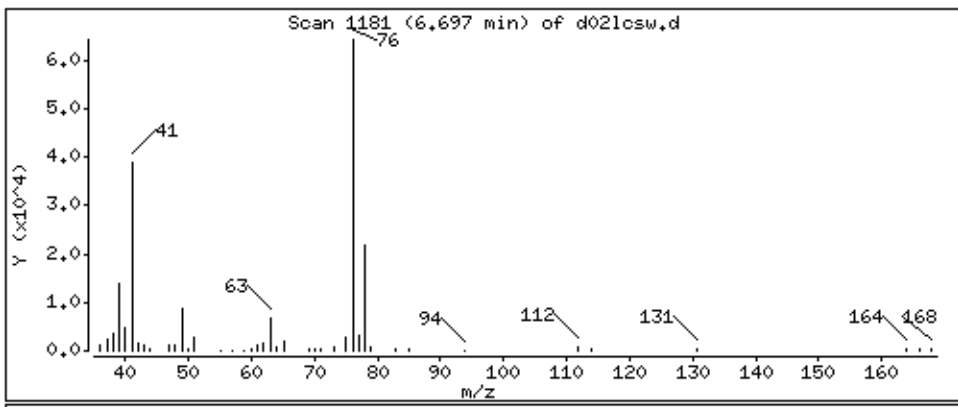
Column phase: DB-624

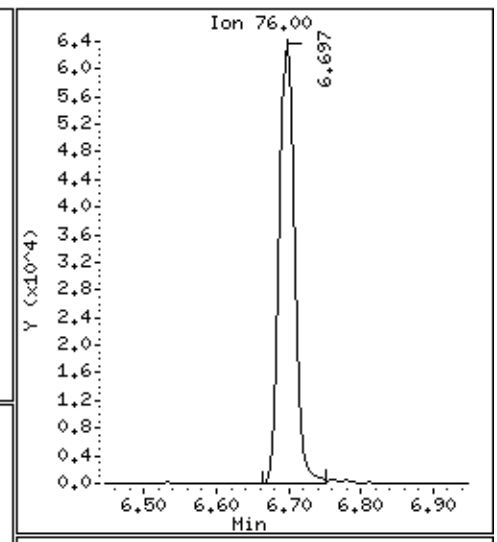
Column diameter: 0.18

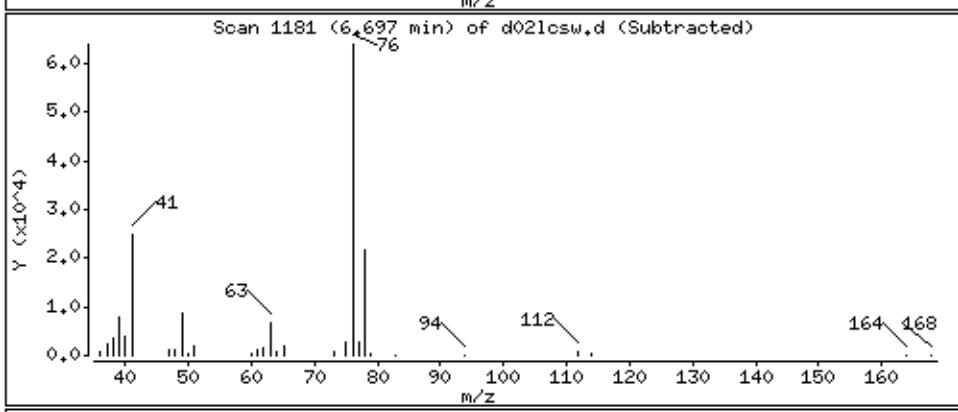
61 1,3-Dichloropropane

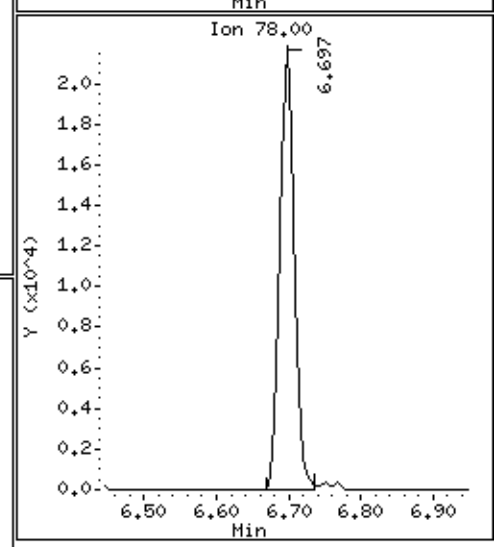
Concentration: 49.1 ppb

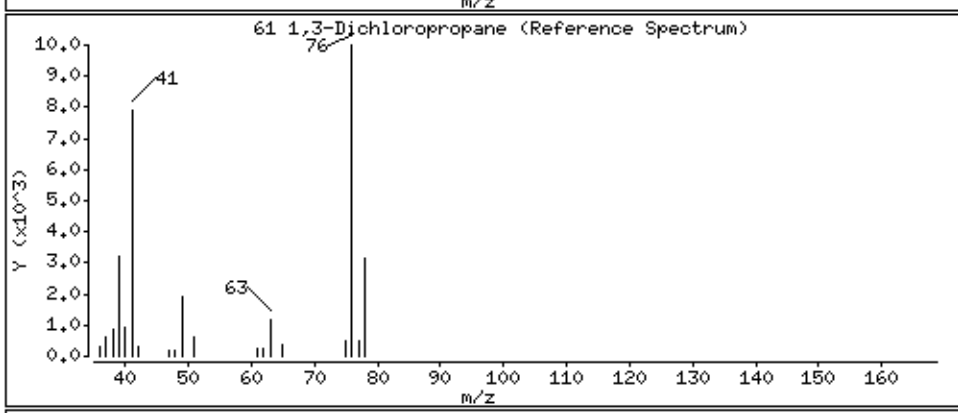
Review Code:

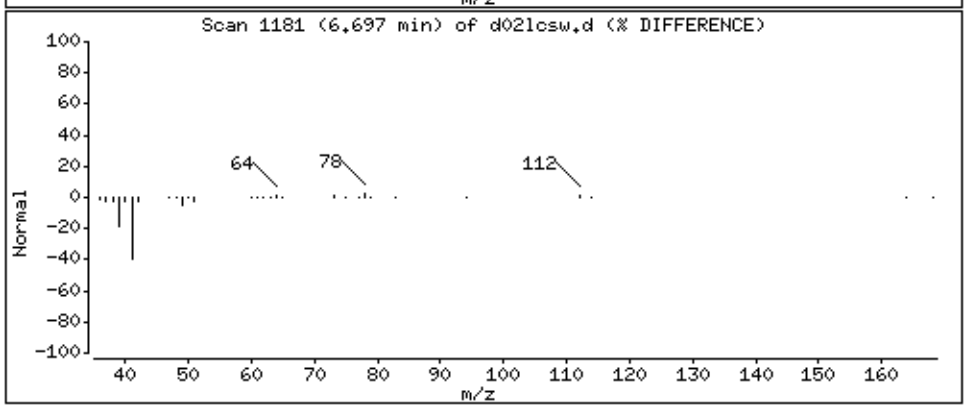












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

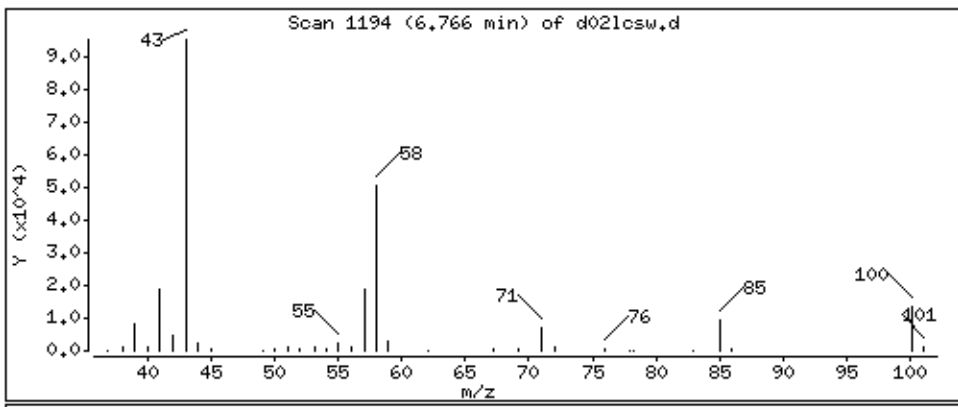
Column phase: DB-624

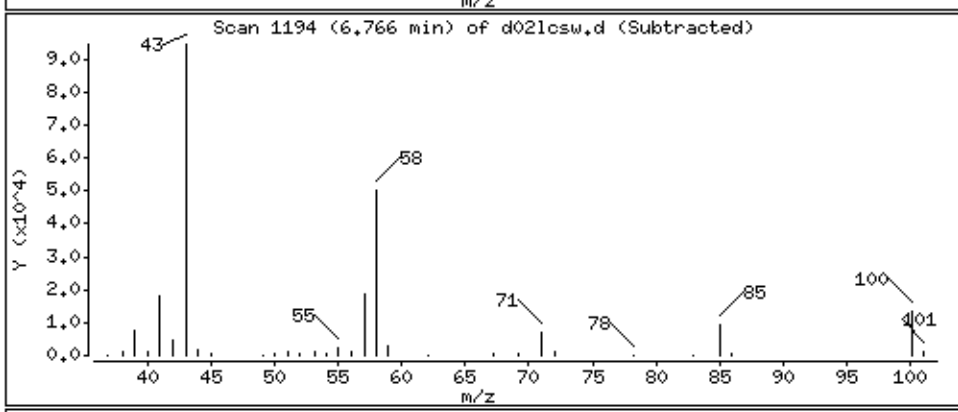
Column diameter: 0.18

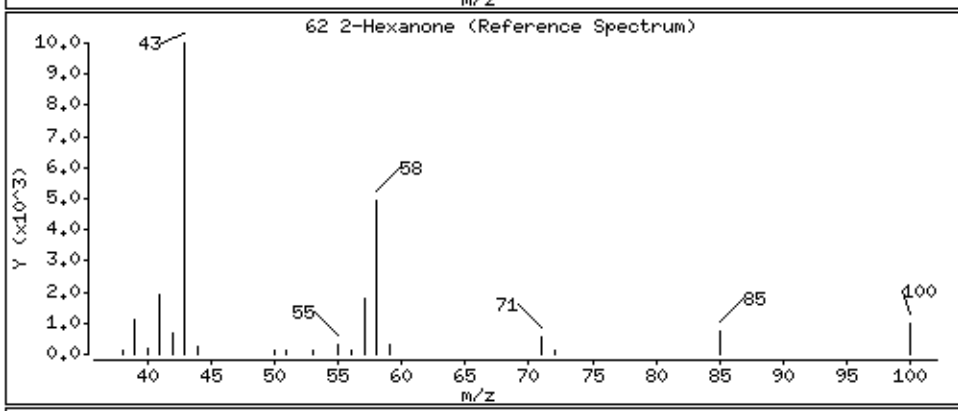
62 2-Hexanone

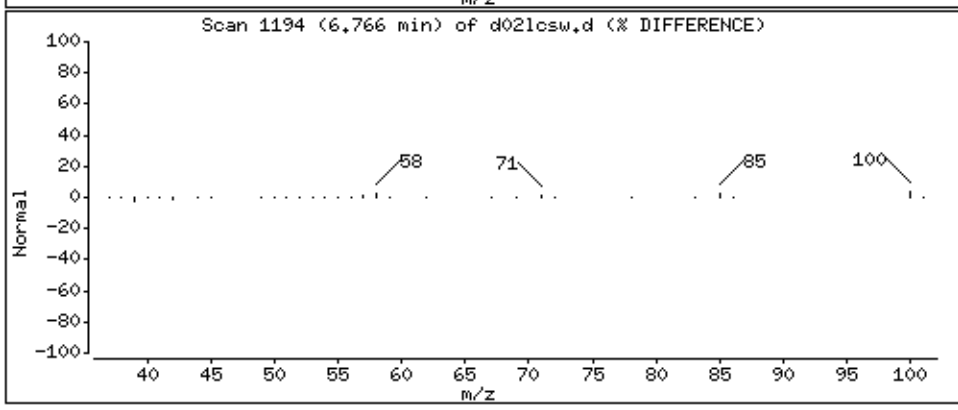
Concentration: 226 ppb

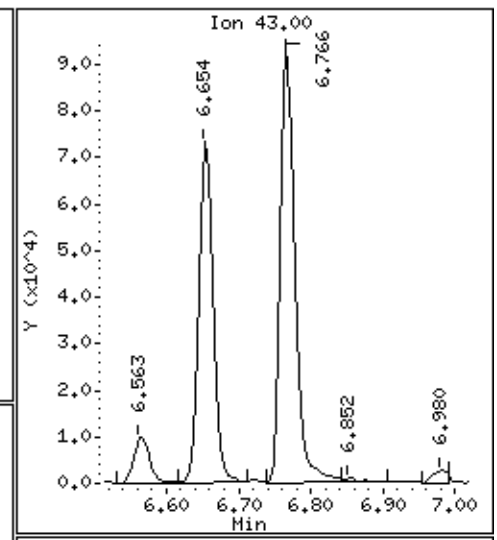
Review Code:

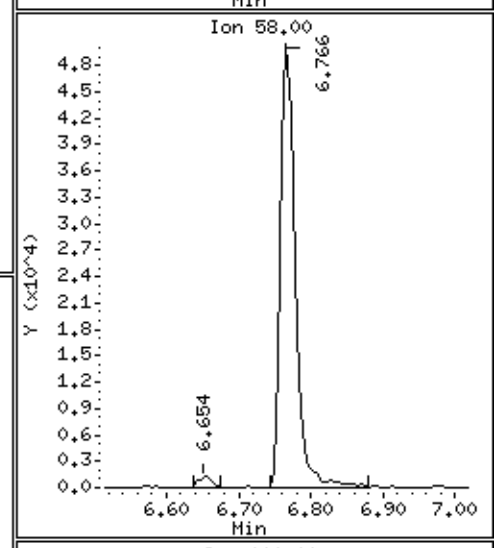


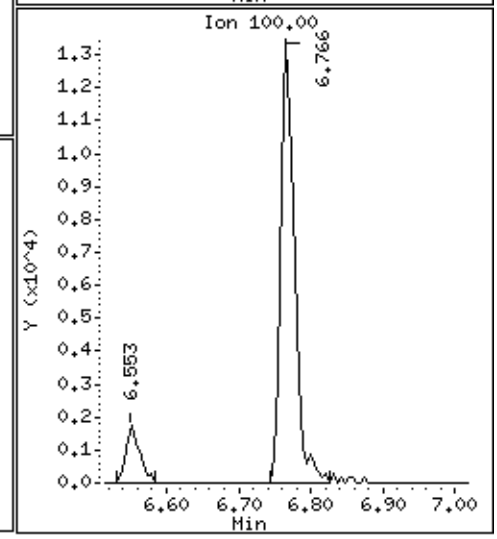












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

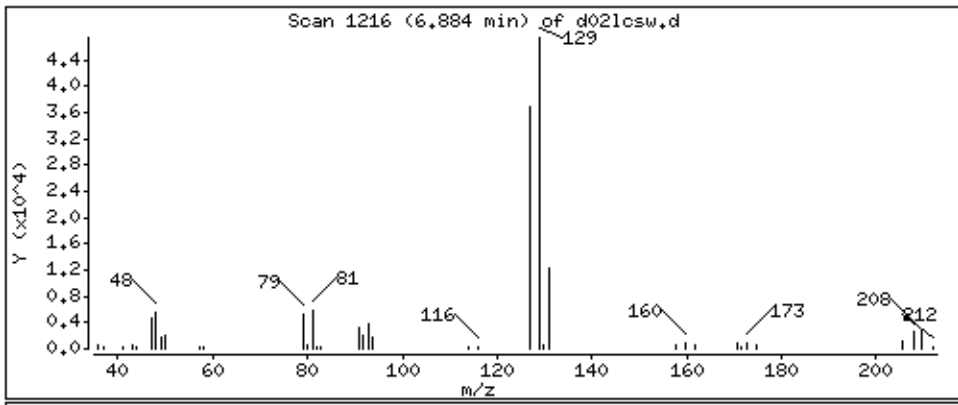
Column phase: DB-624

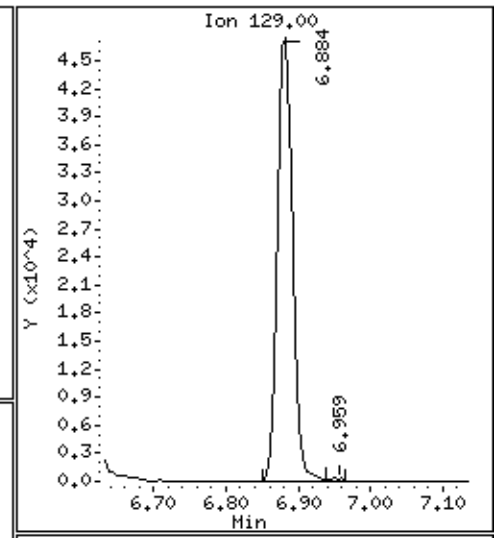
Column diameter: 0.18

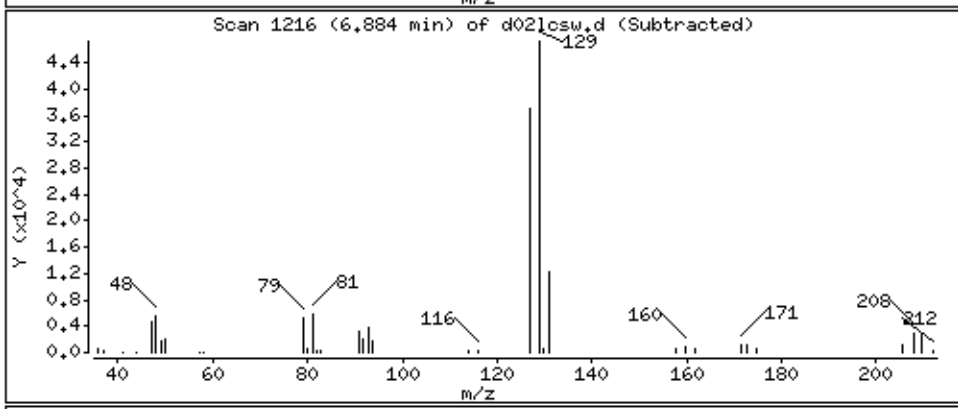
63 Dibromochloromethane

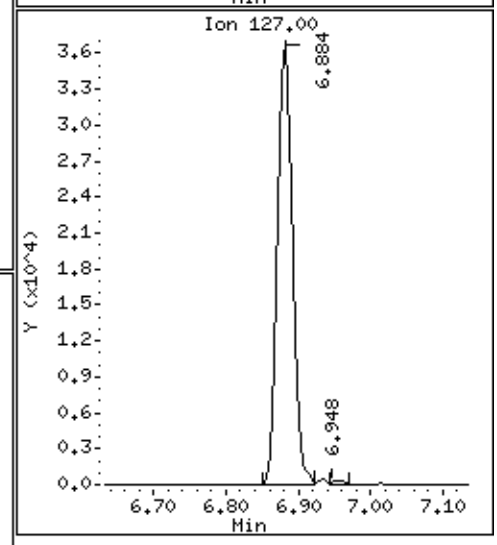
Concentration: 49.1 ppb

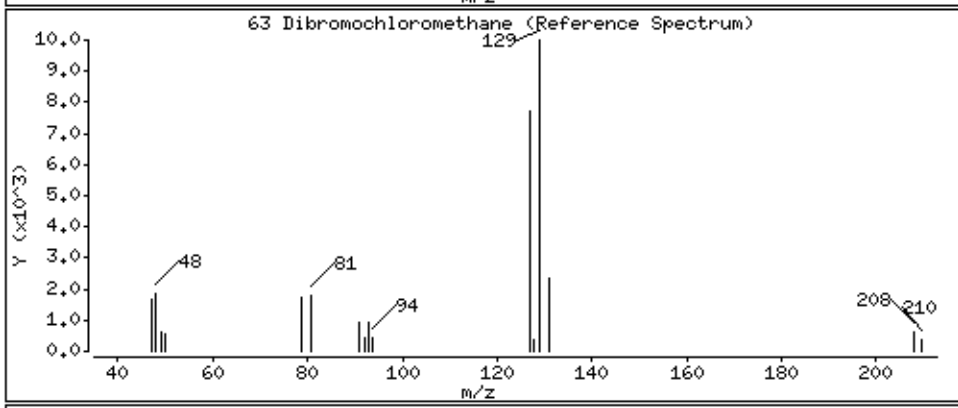
Review Code:

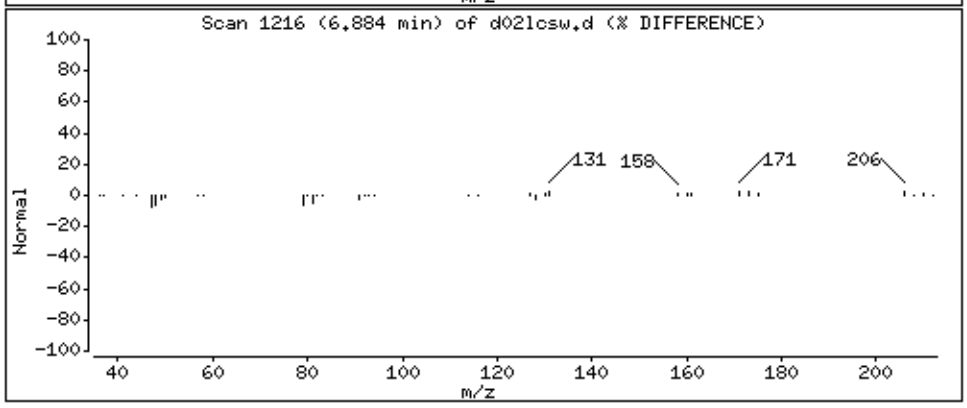












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

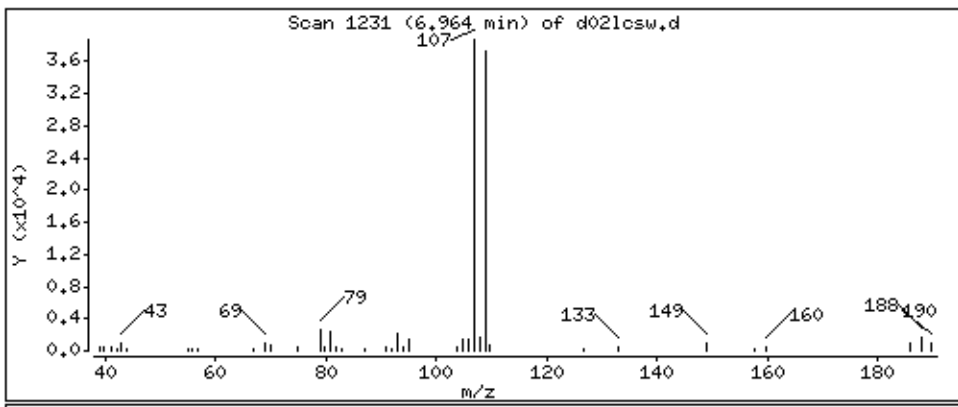
Column phase: DB-624

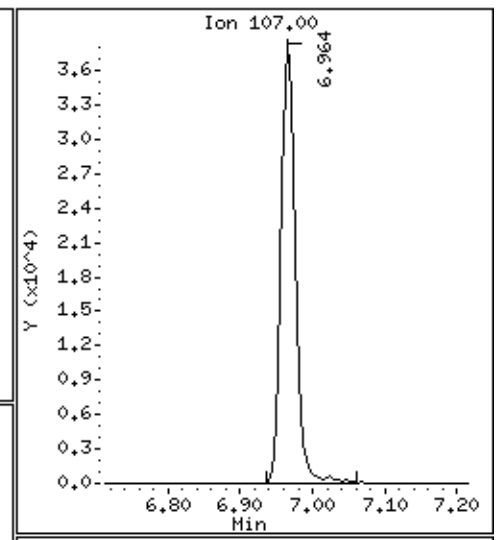
Column diameter: 0.18

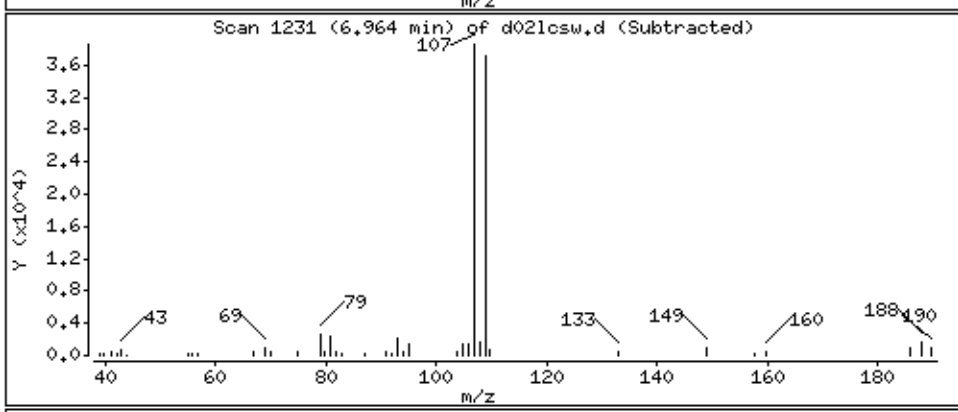
64 1,2-Dibromoethane

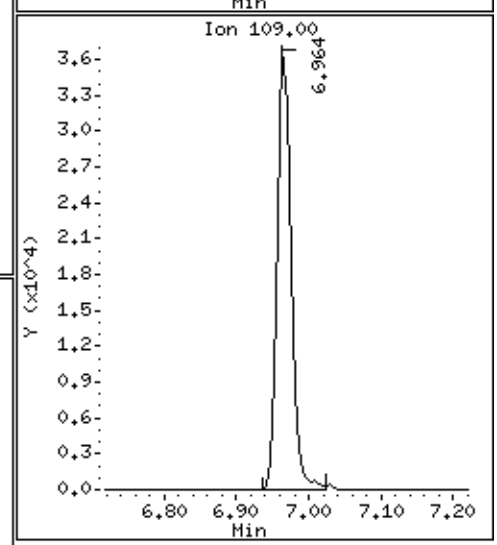
Concentration: 48.8 ppb

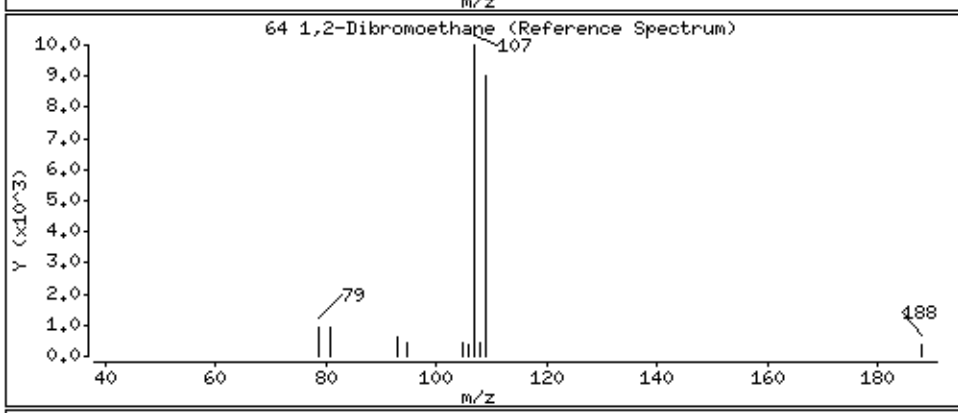
Review Code:

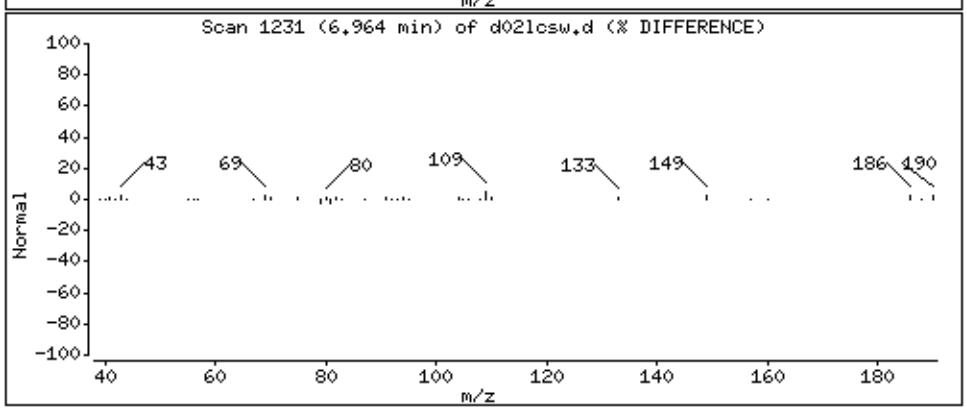












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

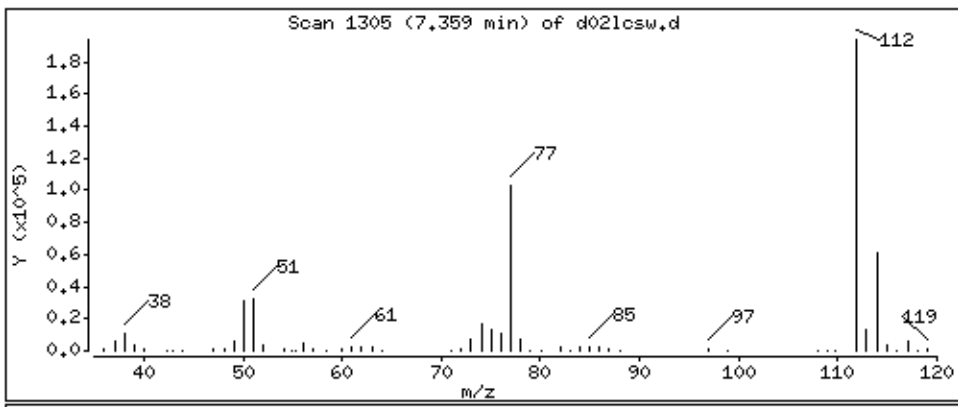
Column phase: DB-624

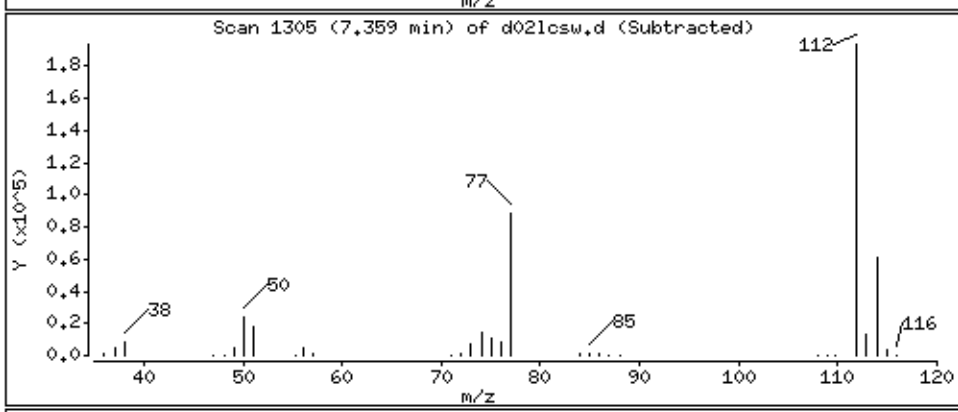
Column diameter: 0.18

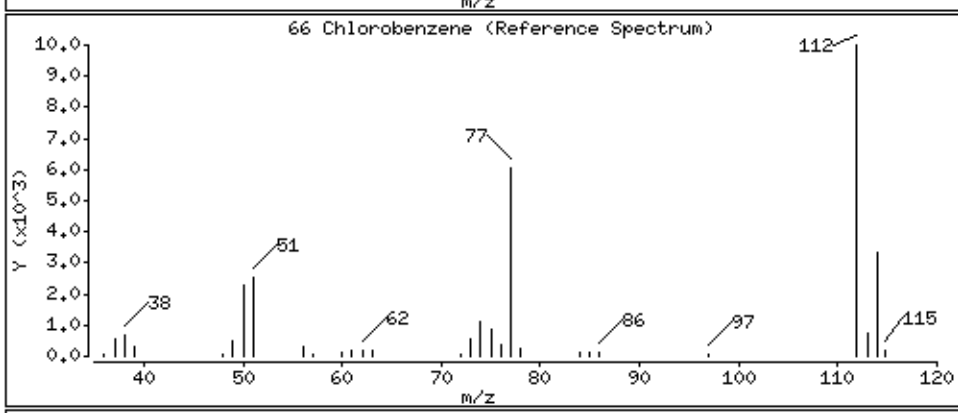
66 Chlorobenzene

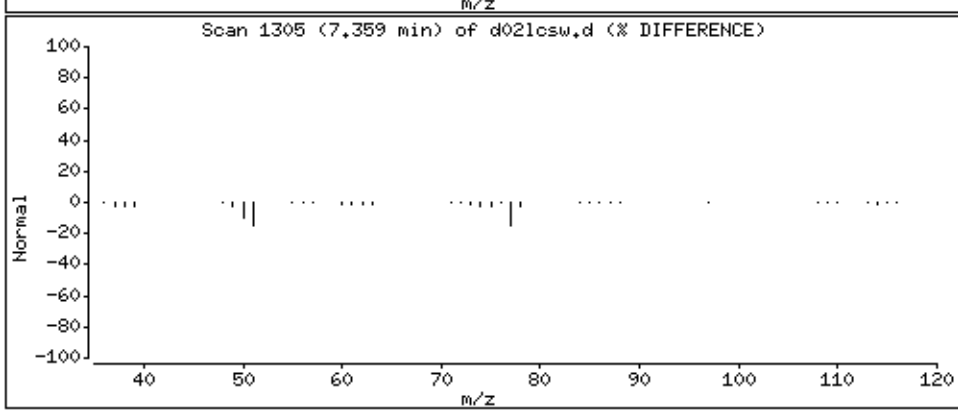
Concentration: 47.3 ppb

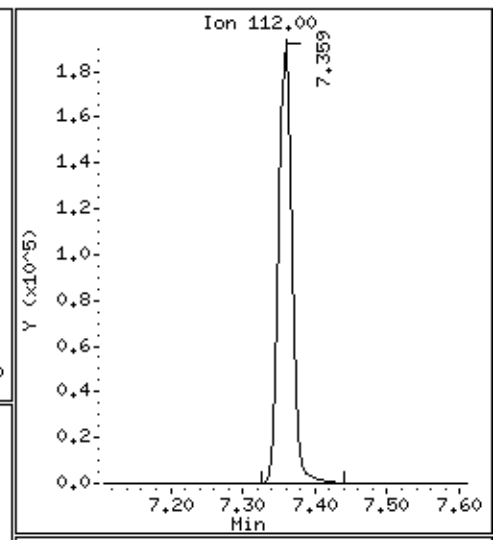
Review Code:

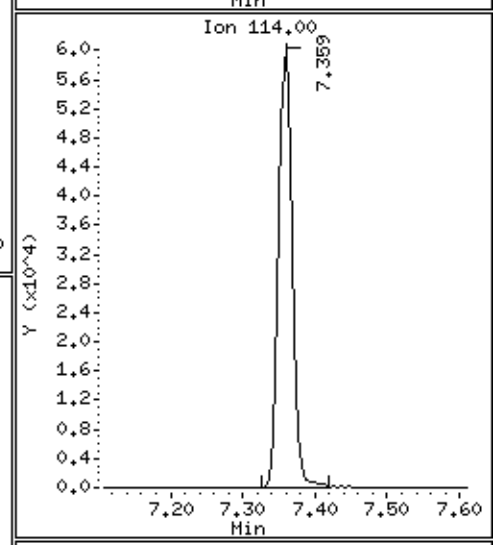


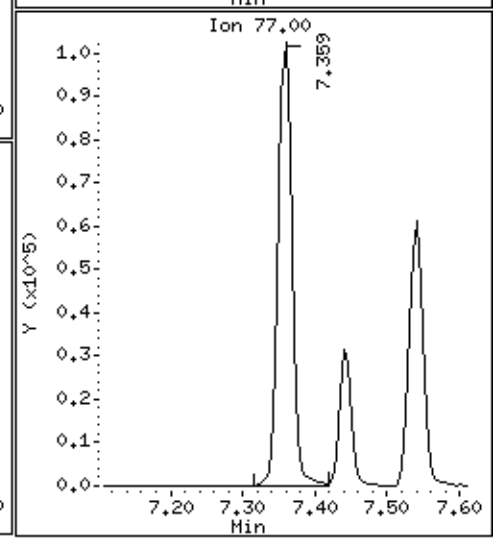












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

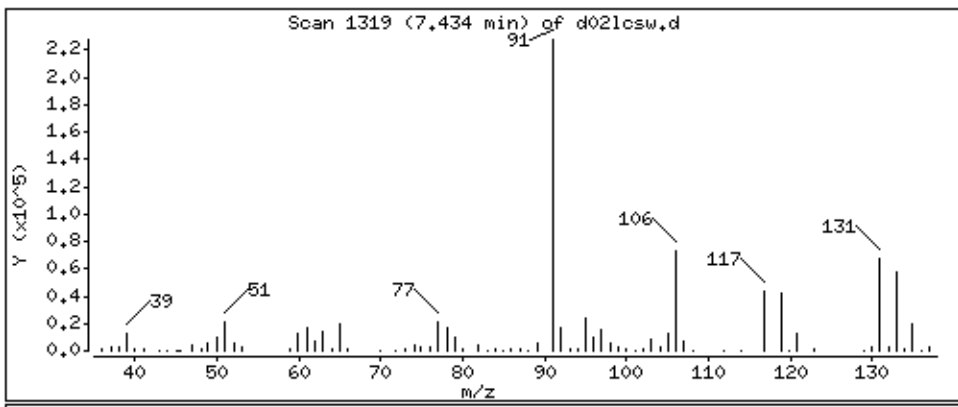
Column phase: DB-624

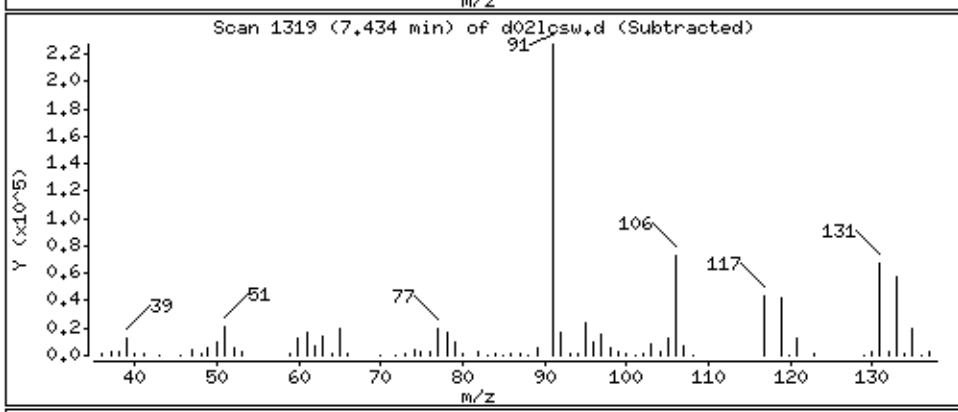
Column diameter: 0.18

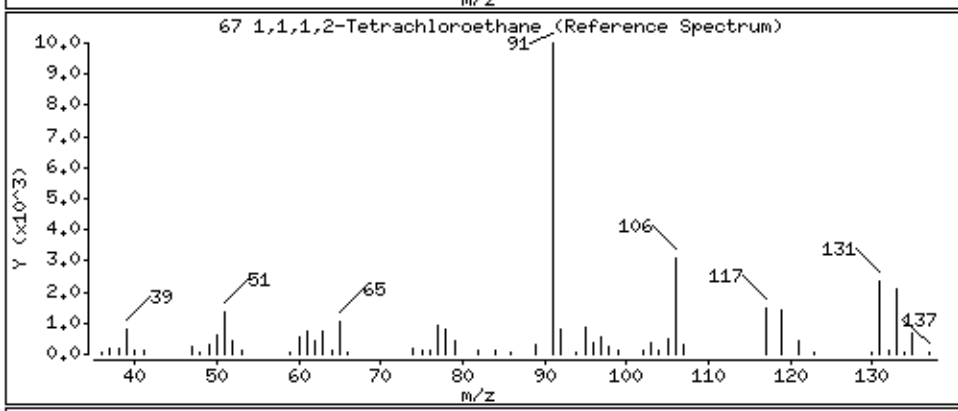
67 1,1,1,2-Tetrachloroethane

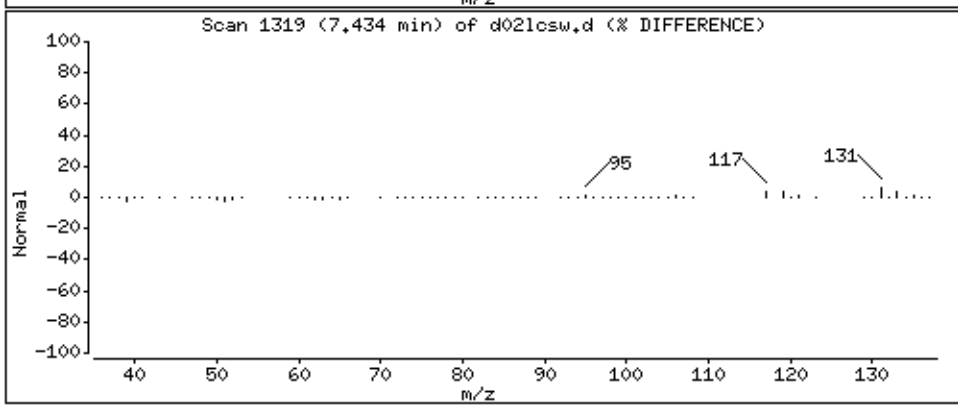
Concentration: 48.0 ppb

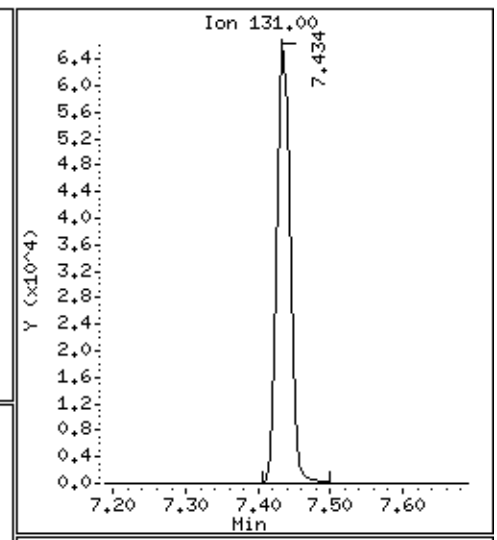
Review Code:

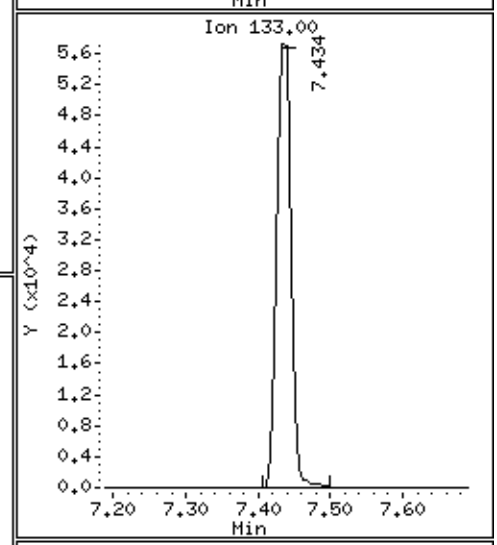


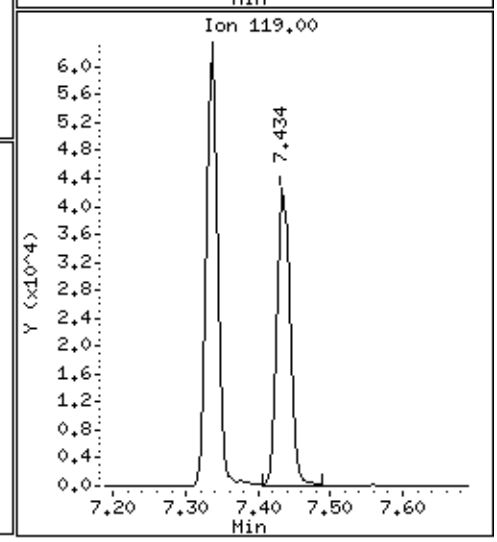












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

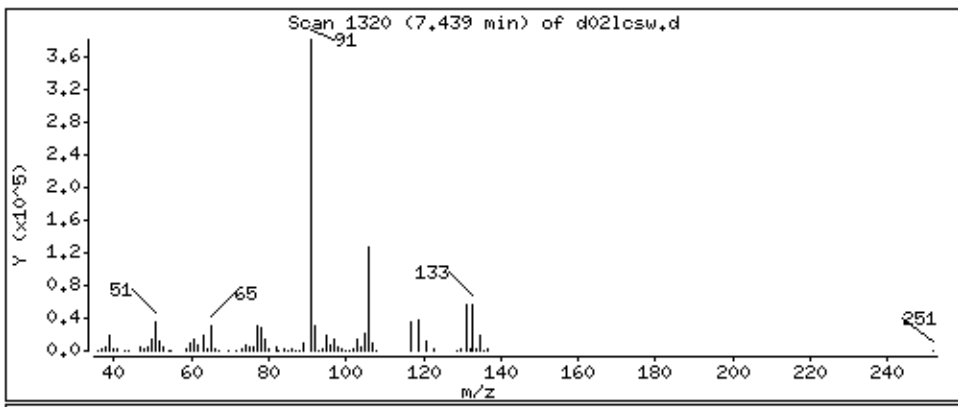
Column phase: DB-624

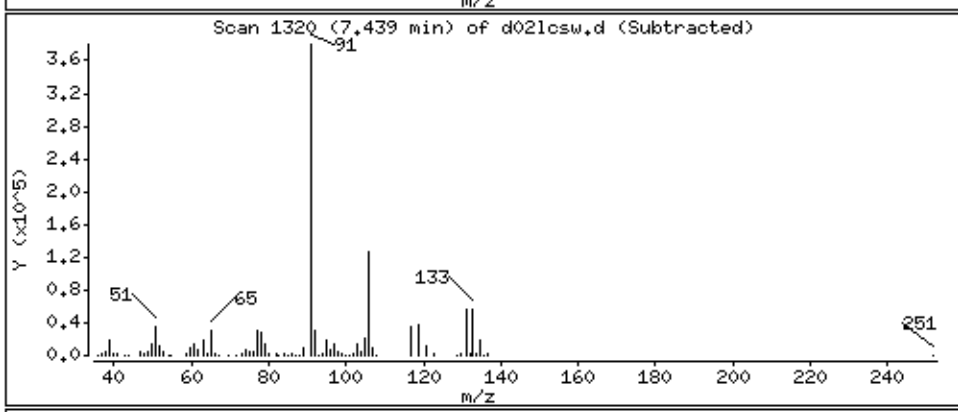
Column diameter: 0.18

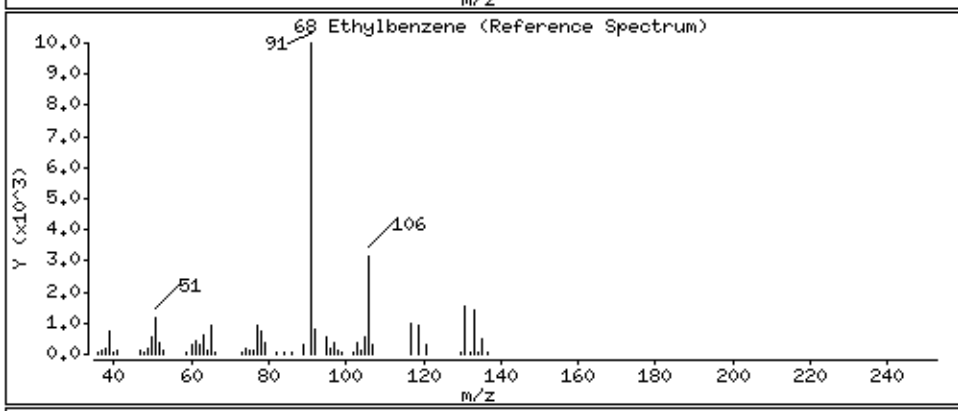
68 Ethylbenzene

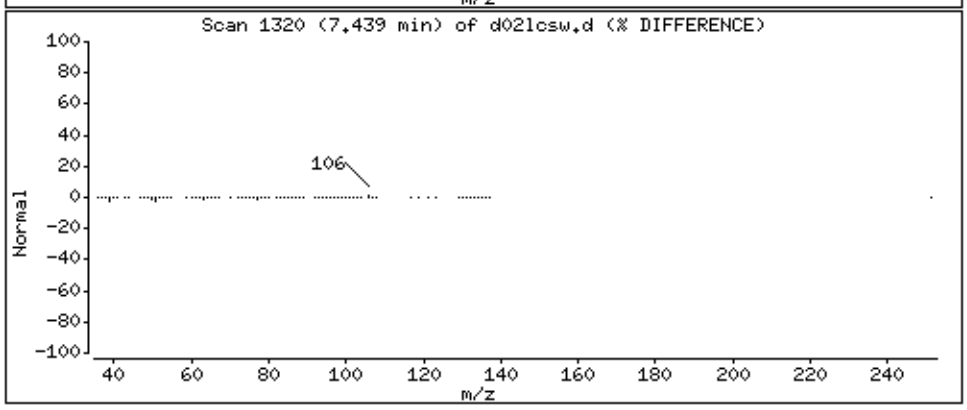
Concentration: 43.5 ppb

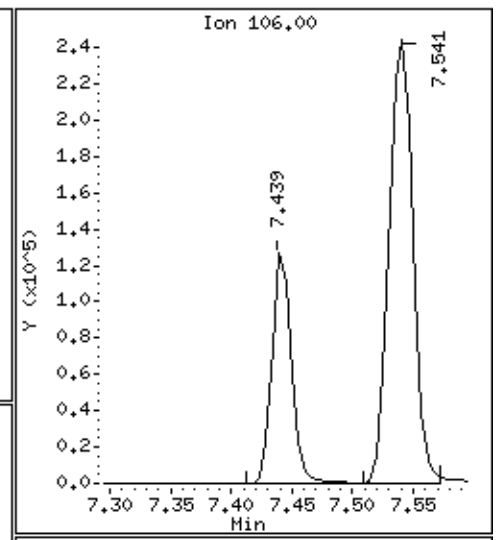
Review Code:

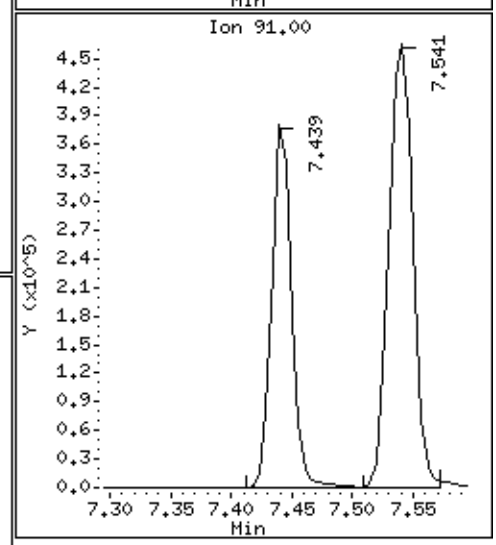












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

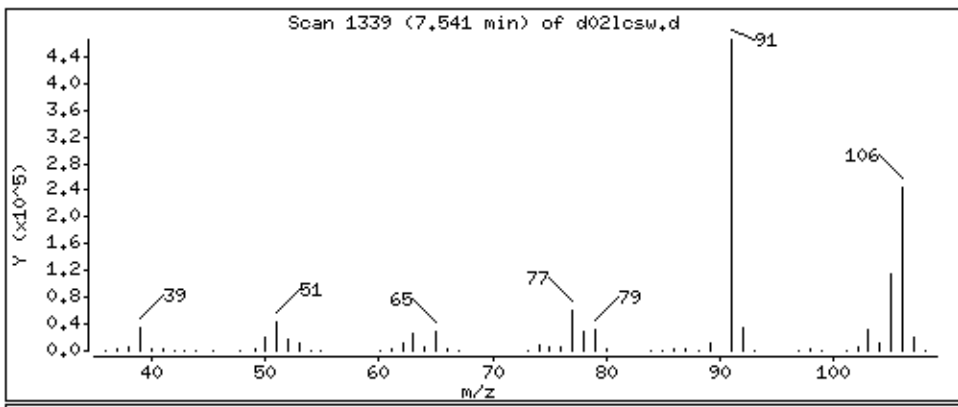
Column phase: DB-624

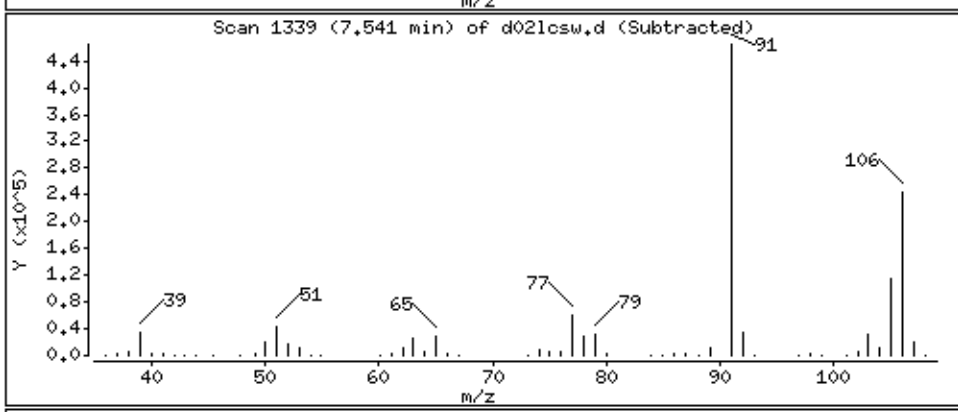
Column diameter: 0.18

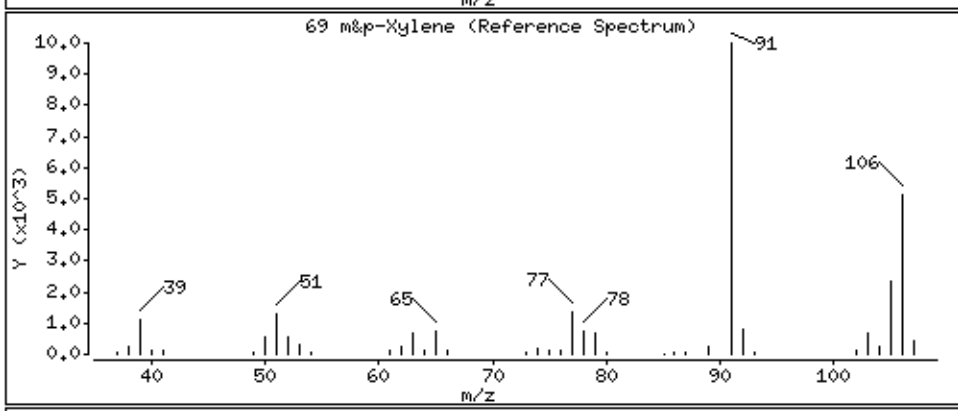
69 m&p-Xylene

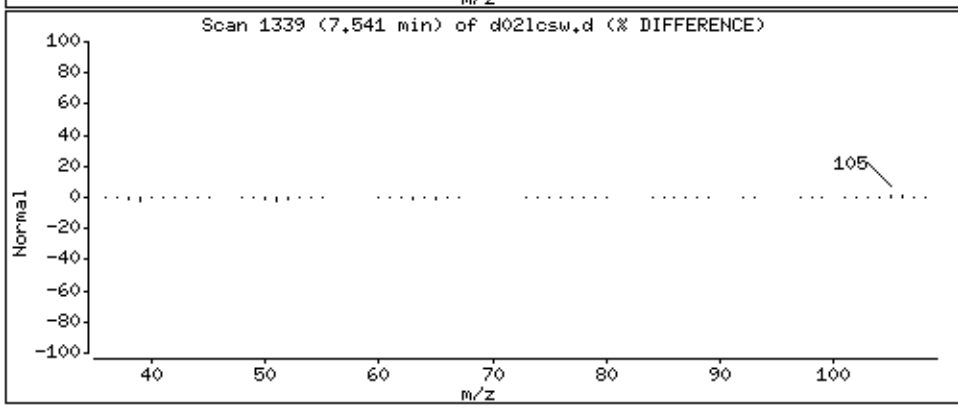
Concentration: 87.4 ppb

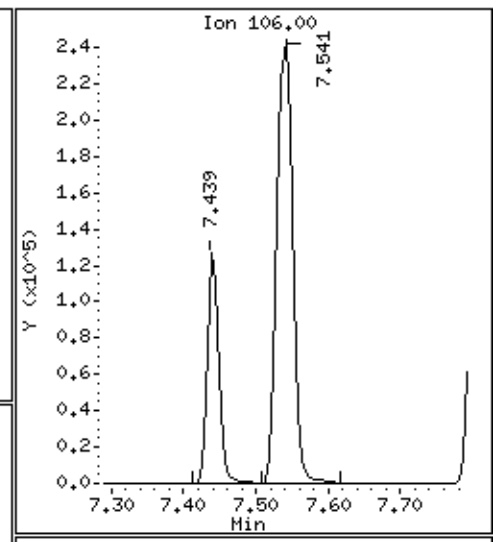
Review Code:

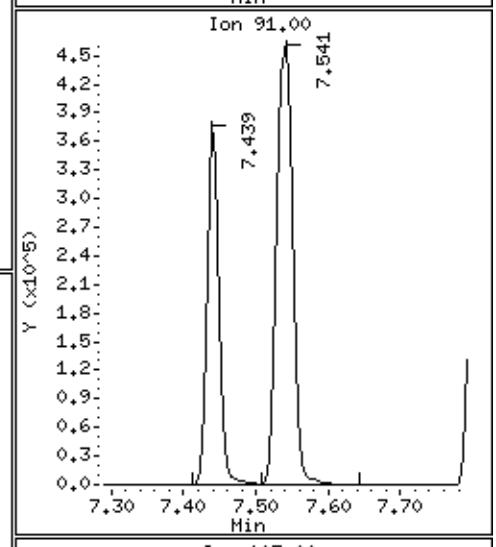


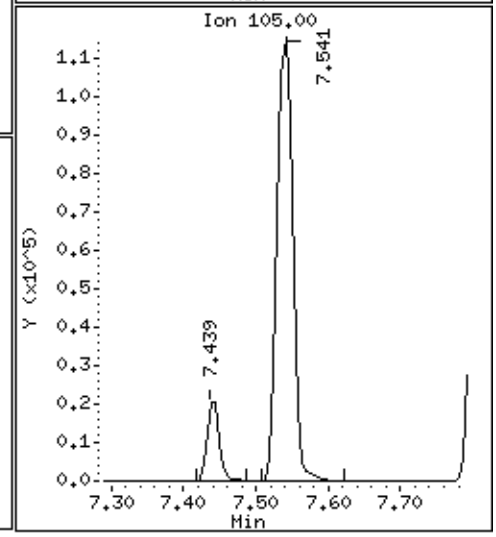












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

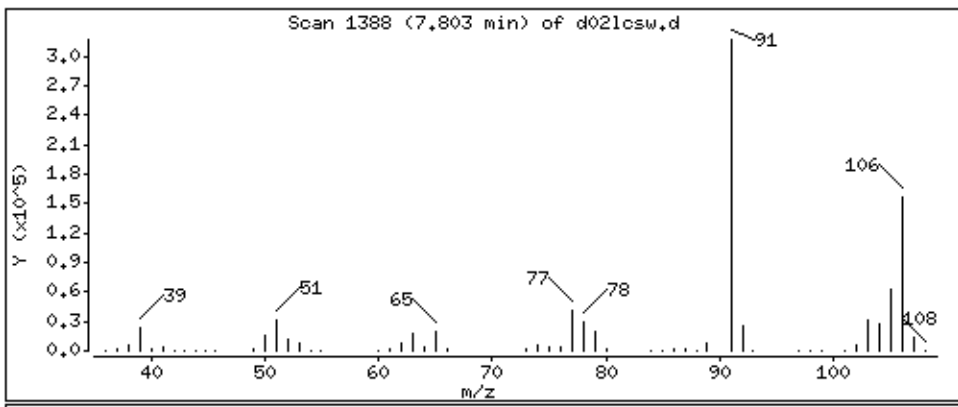
Column phase: DB-624

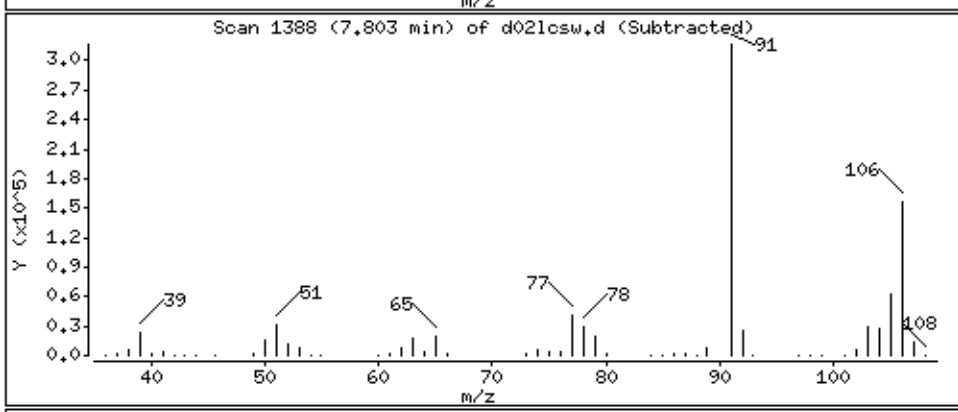
Column diameter: 0.18

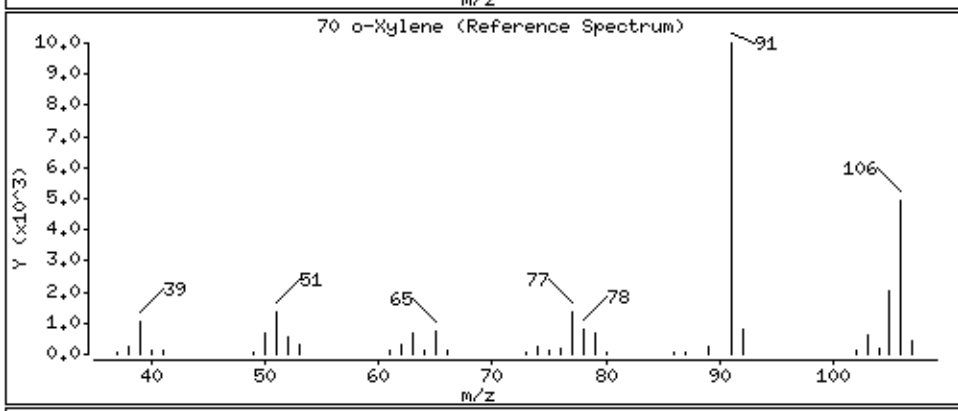
70 o-Xylene

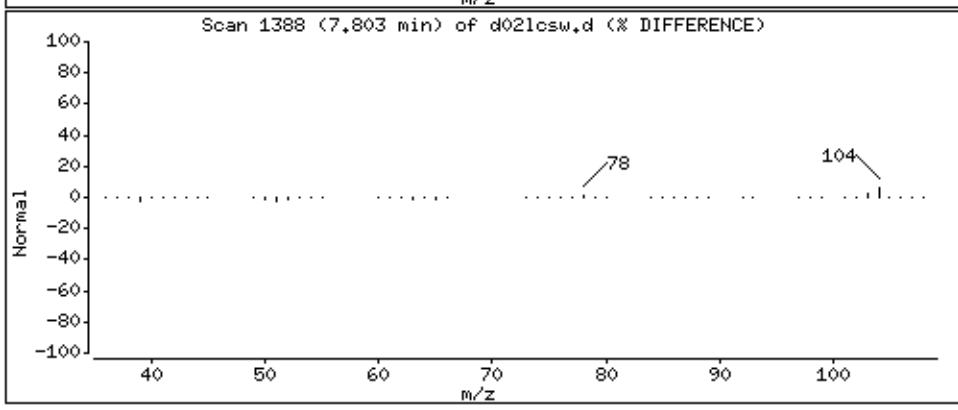
Concentration: 44.7 ppb

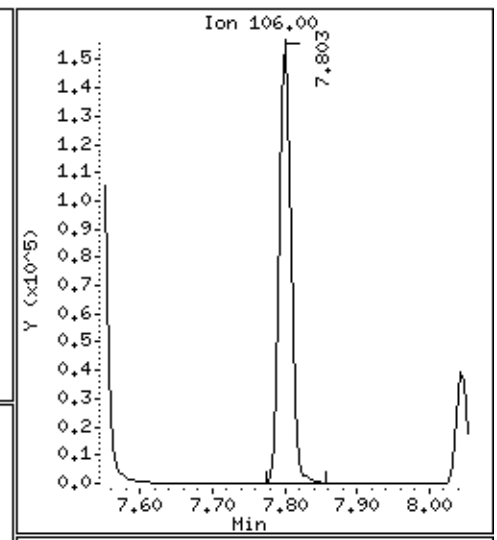
Review Code:

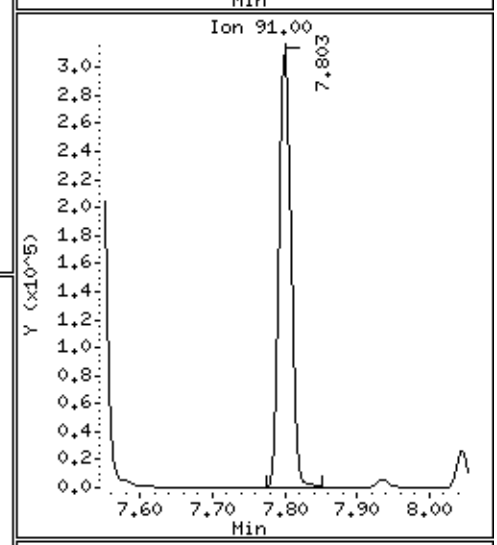


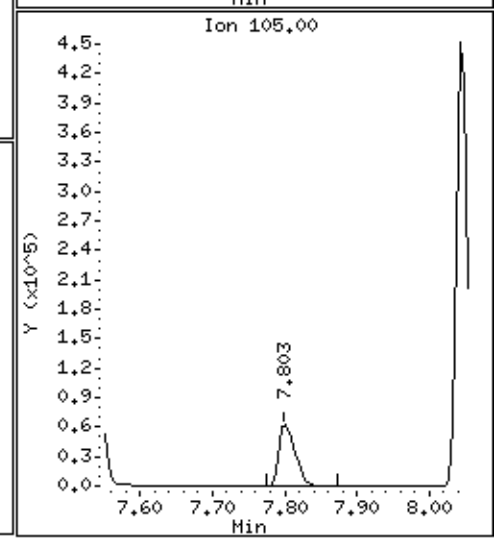












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

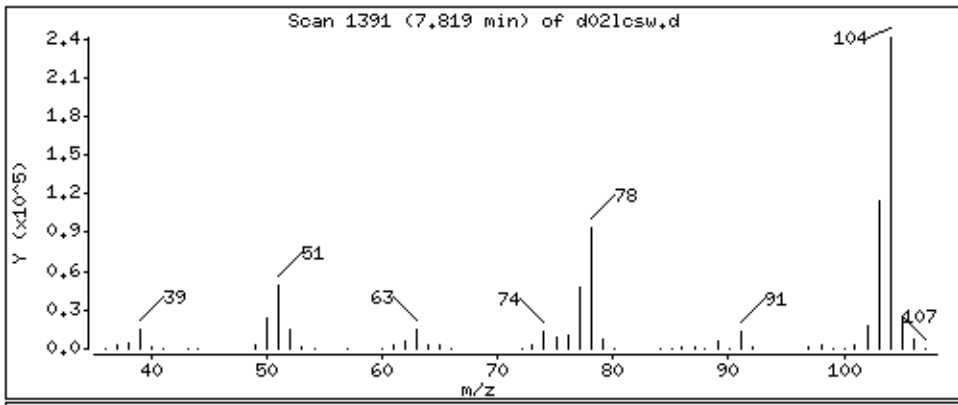
Column phase: DB-624

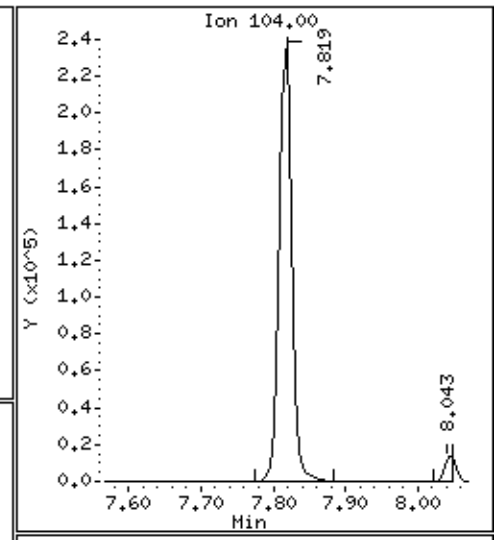
Column diameter: 0.18

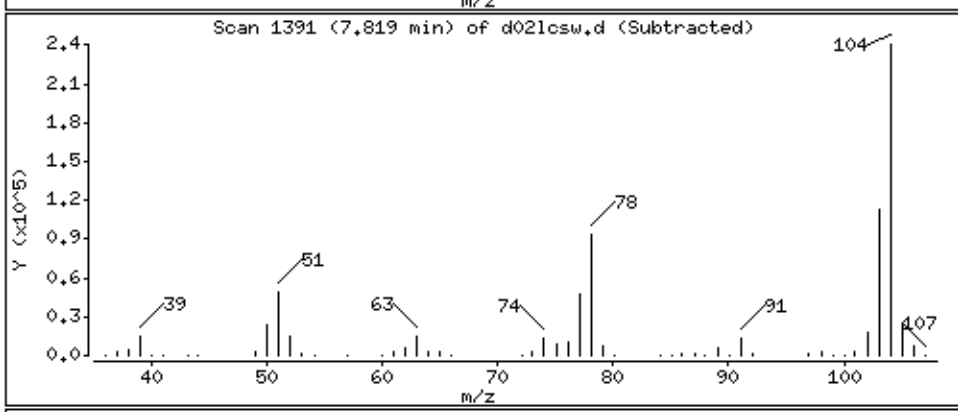
71 Styrene

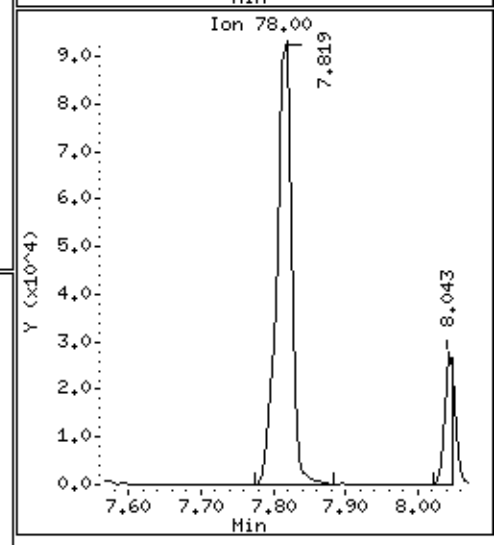
Concentration: 42.8 ppb

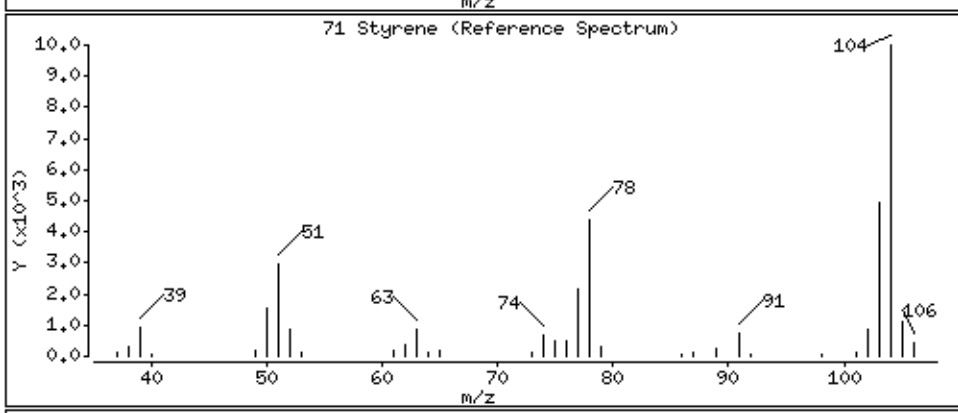
Review Code:

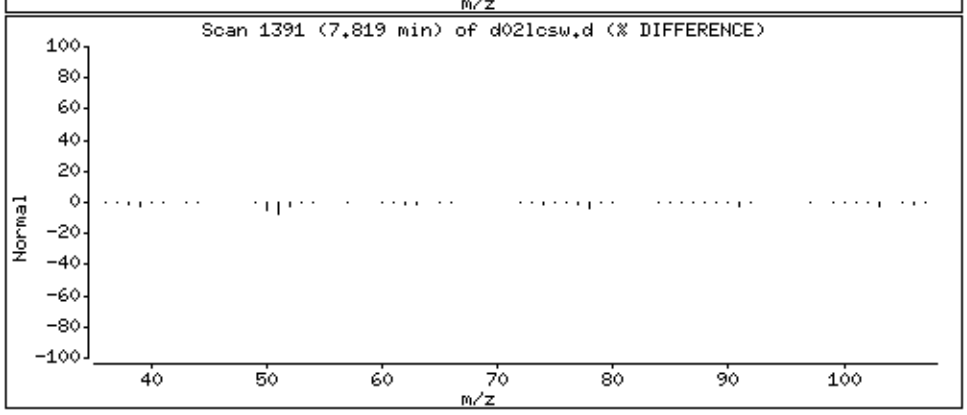












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

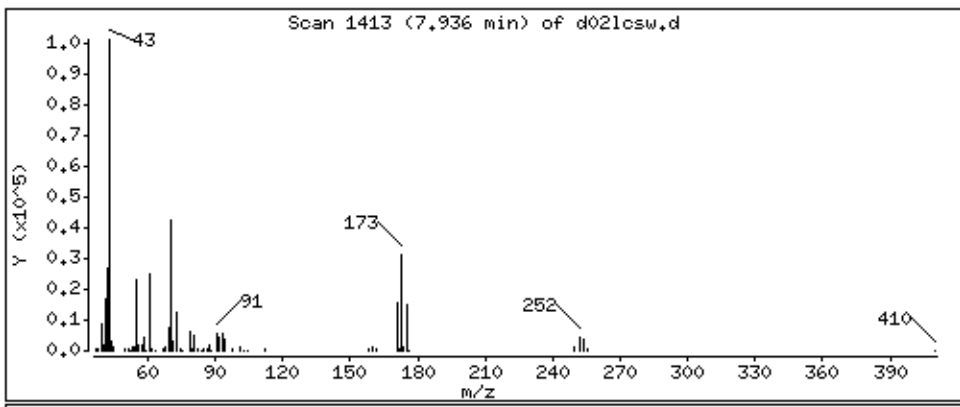
Column phase: DB-624

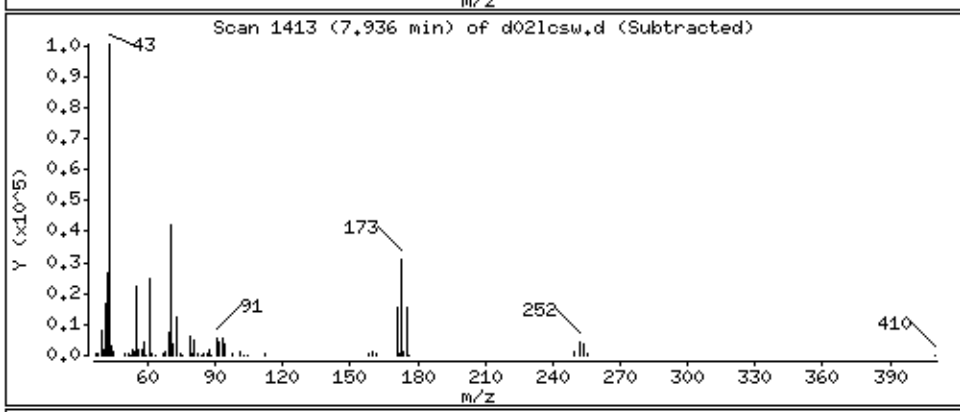
Column diameter: 0.18

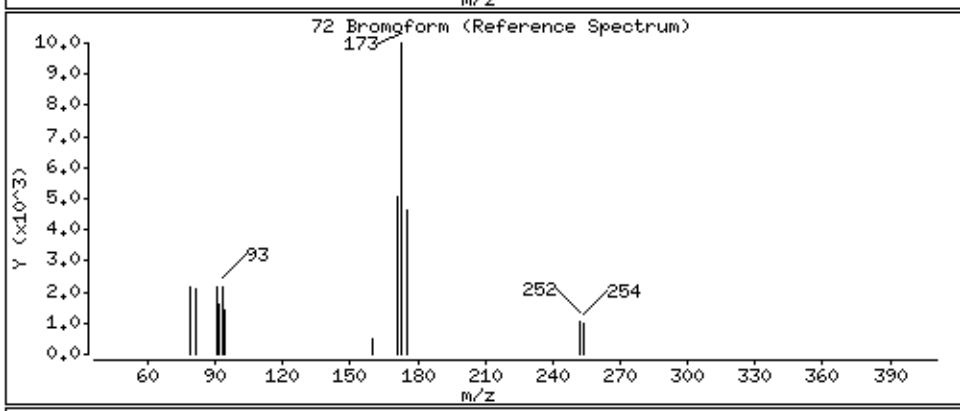
72 Bromoform

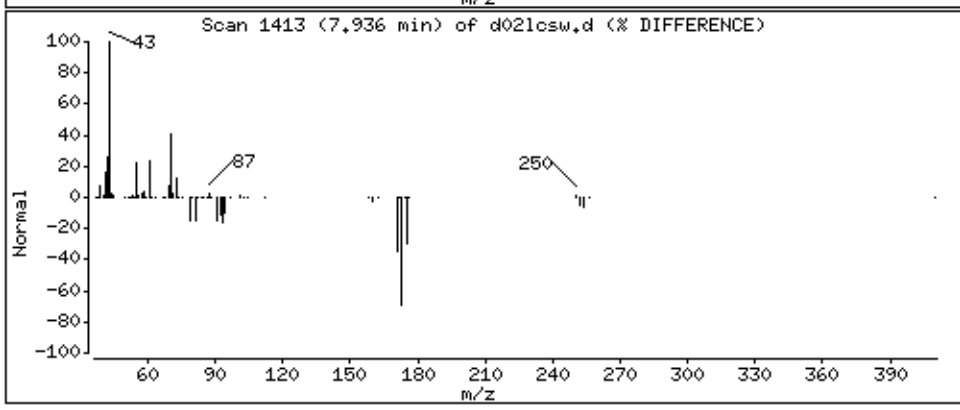
Concentration: 43.7 ppb

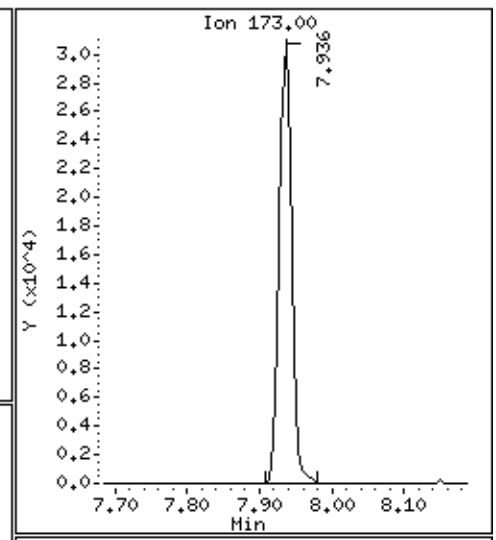
Review Code:

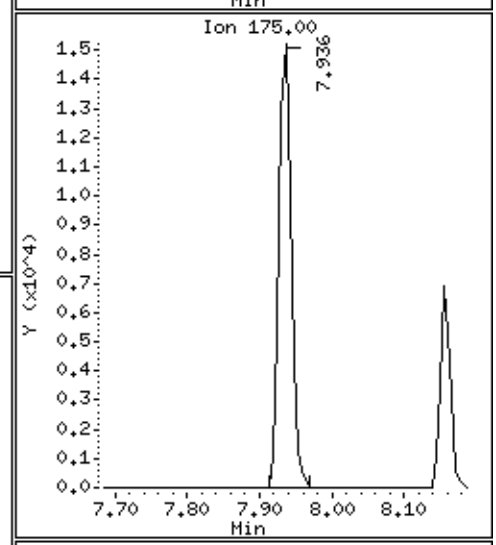


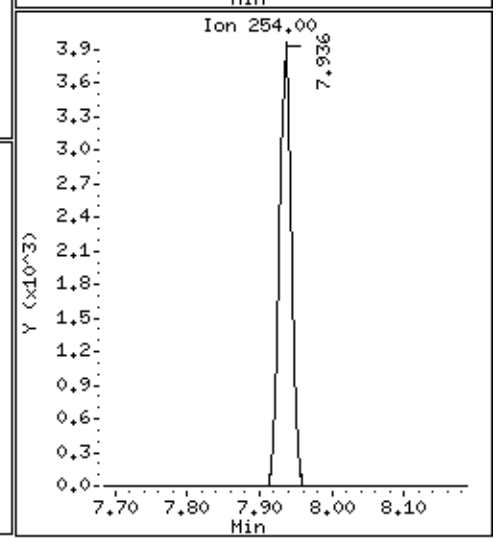












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

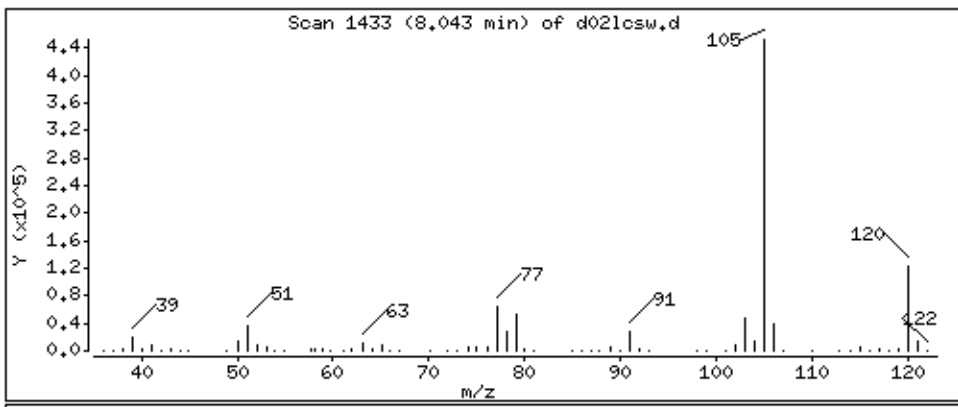
Column phase: DB-624

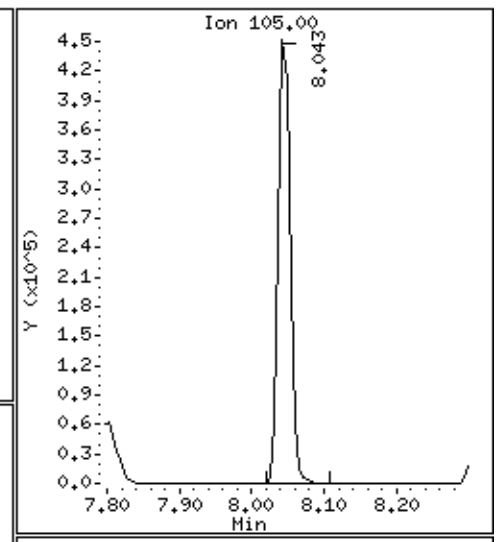
Column diameter: 0.18

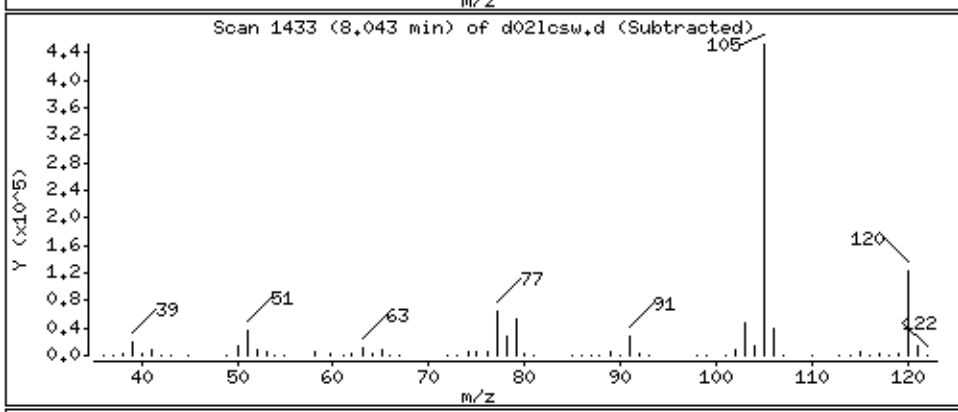
73 Isopropylbenzene

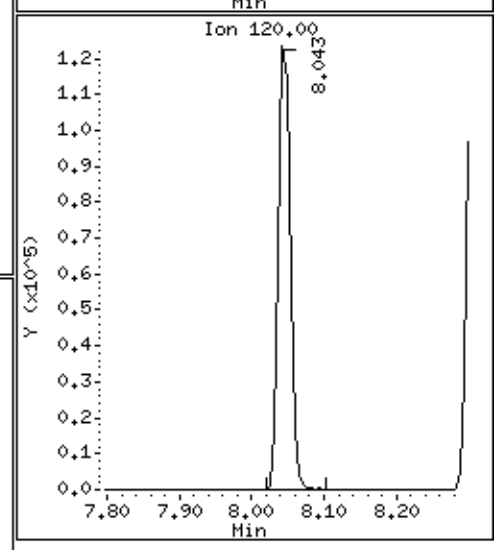
Concentration: 46.4 ppb

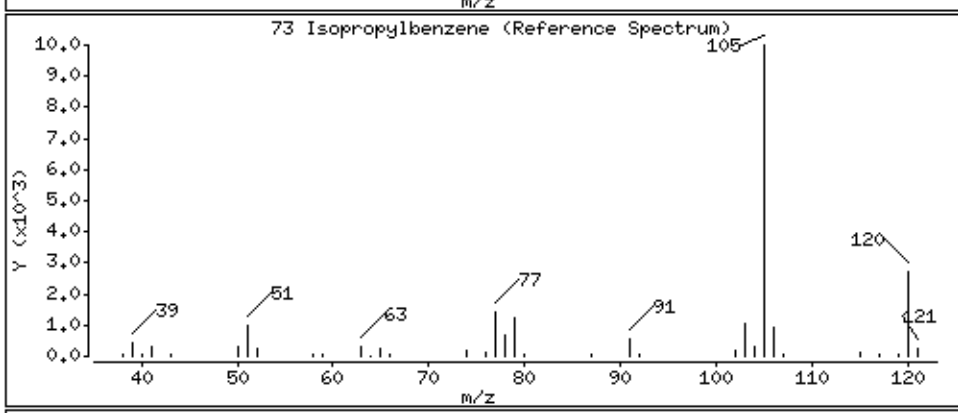
Review Code:

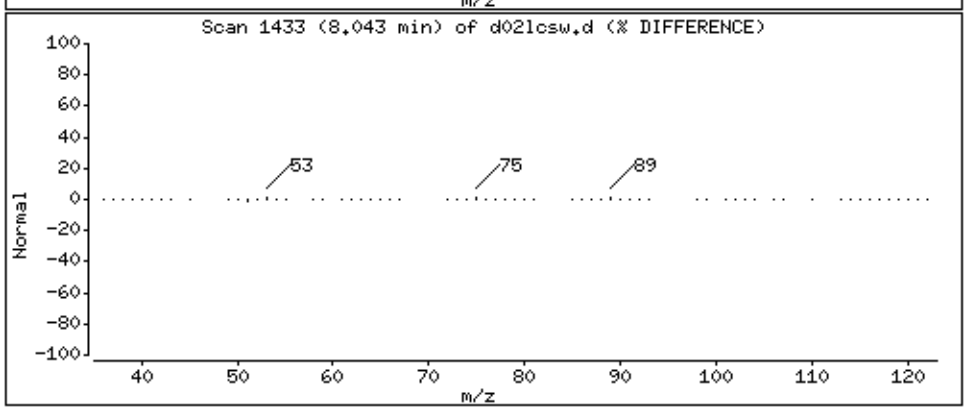












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

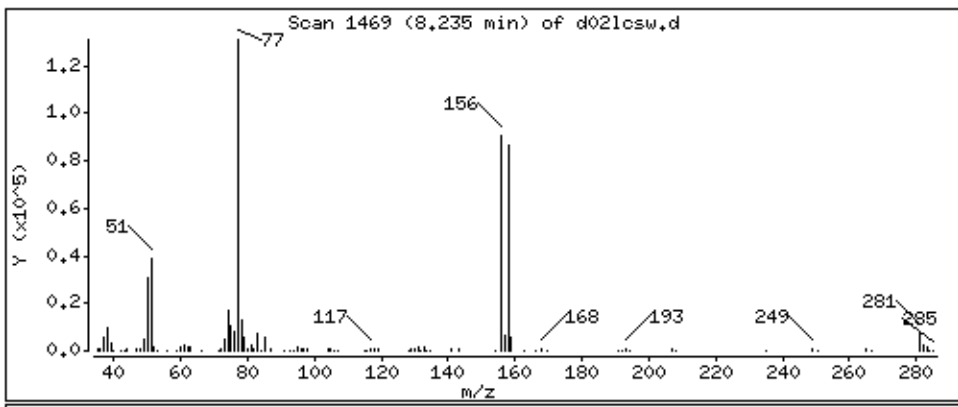
Column phase: DB-624

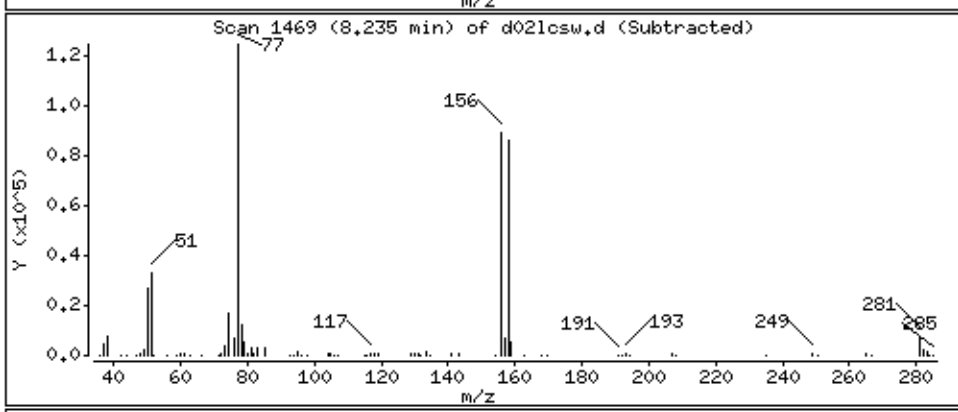
Column diameter: 0.18

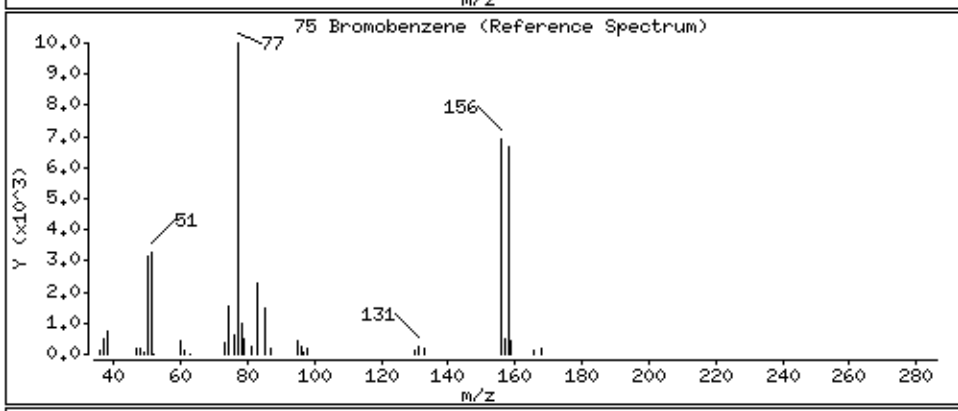
75 Bromobenzene

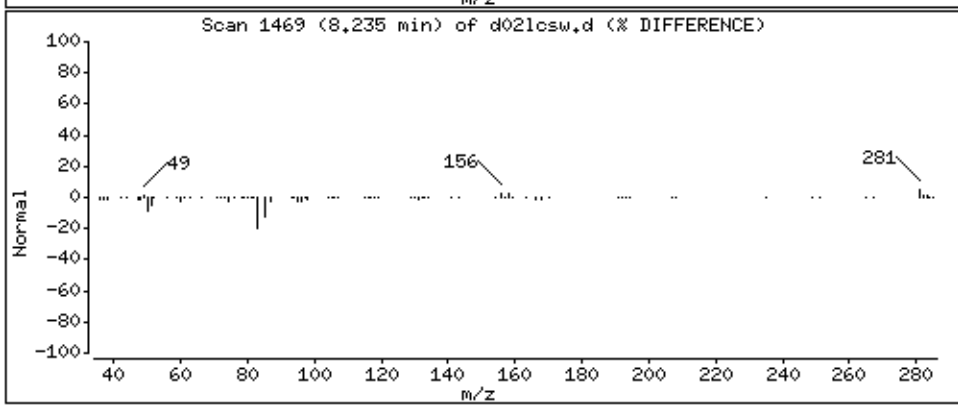
Concentration: 43.5 ppb

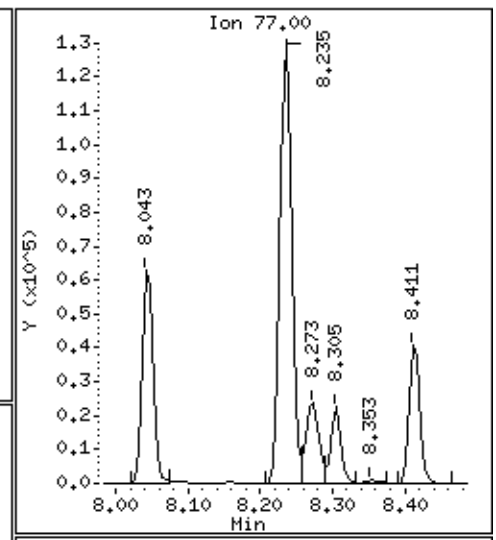
Review Code:

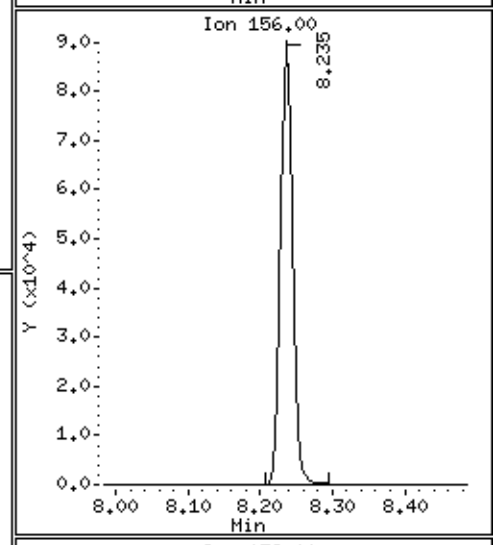


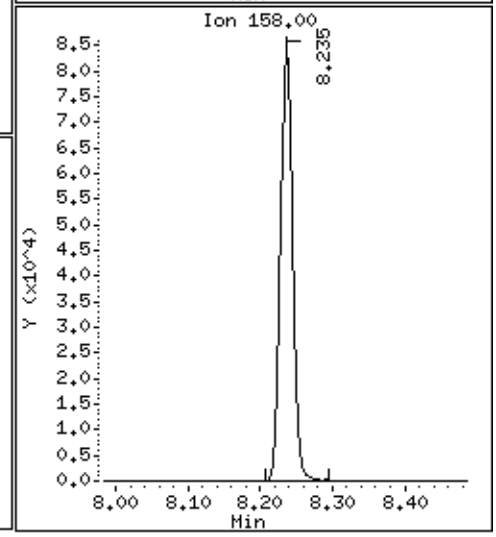












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

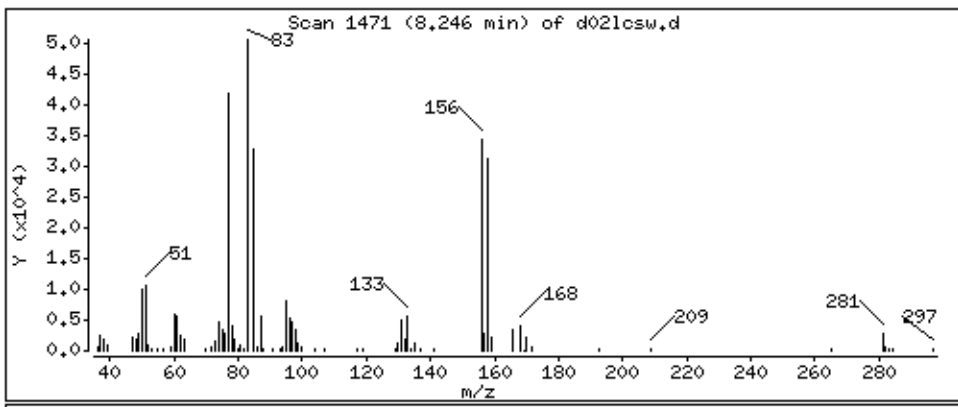
Column phase: DB-624

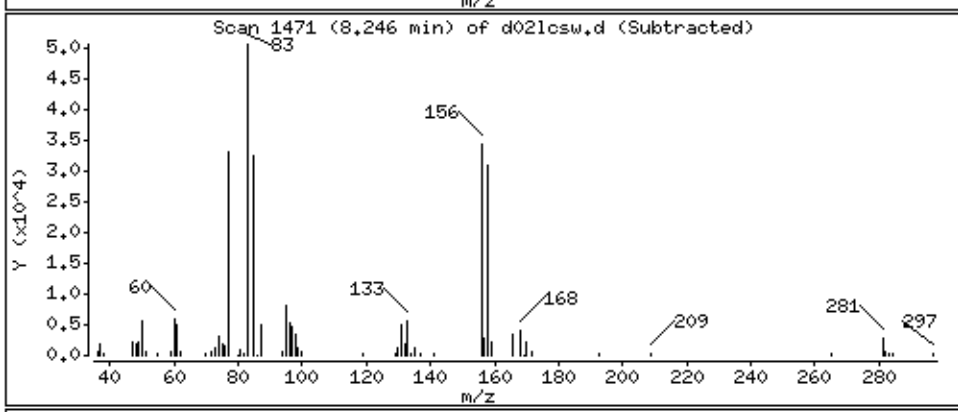
Column diameter: 0.18

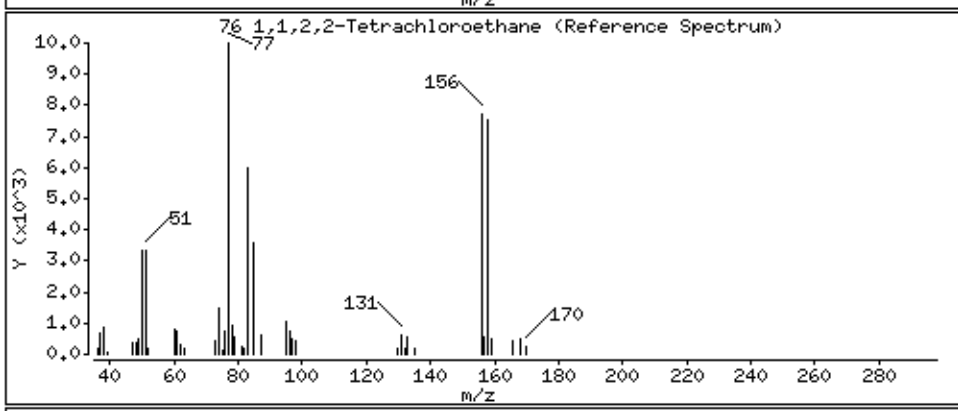
76 1,1,2,2-Tetrachloroethane

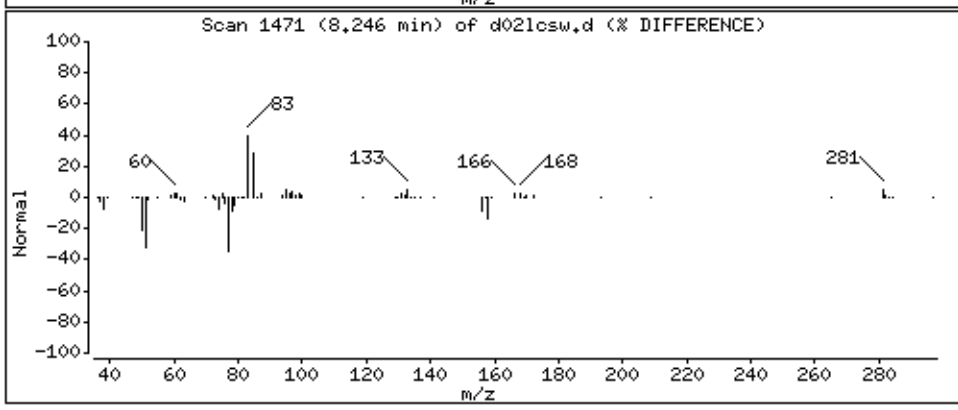
Concentration: 41.6 ppb

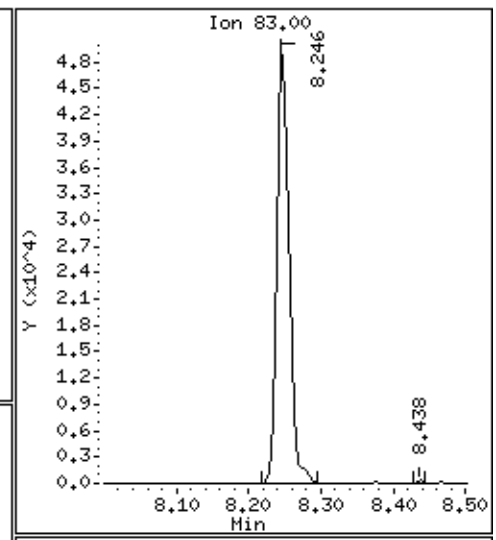
Review Code:

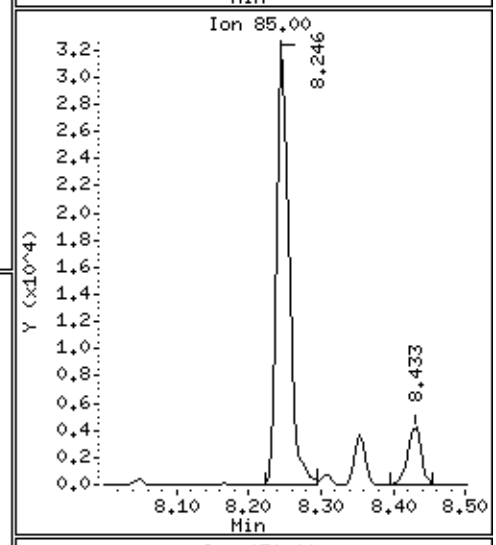


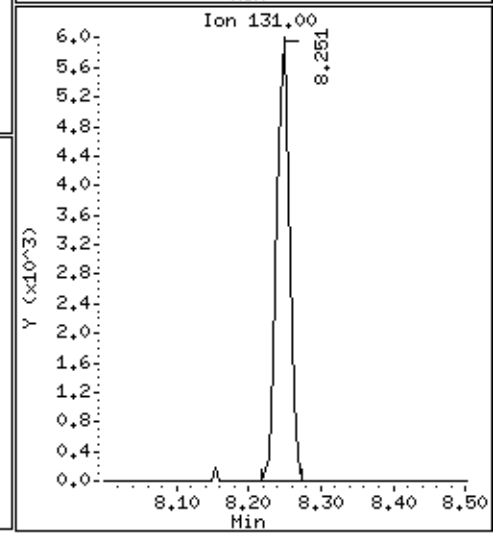












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

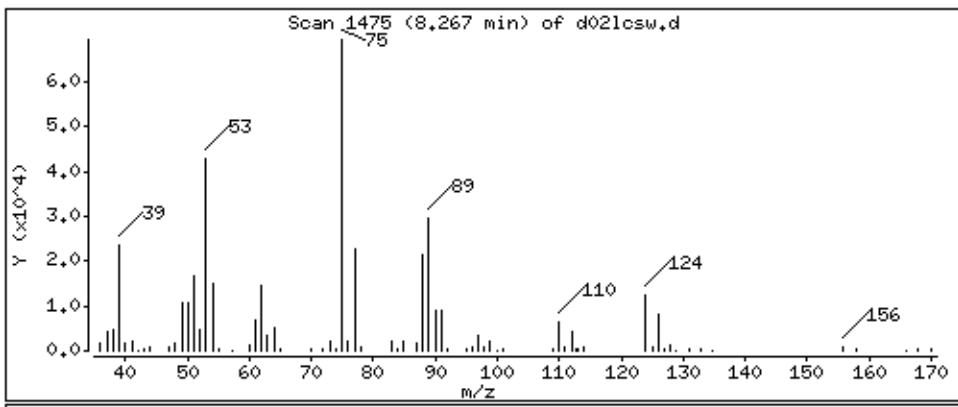
Column phase: DB-624

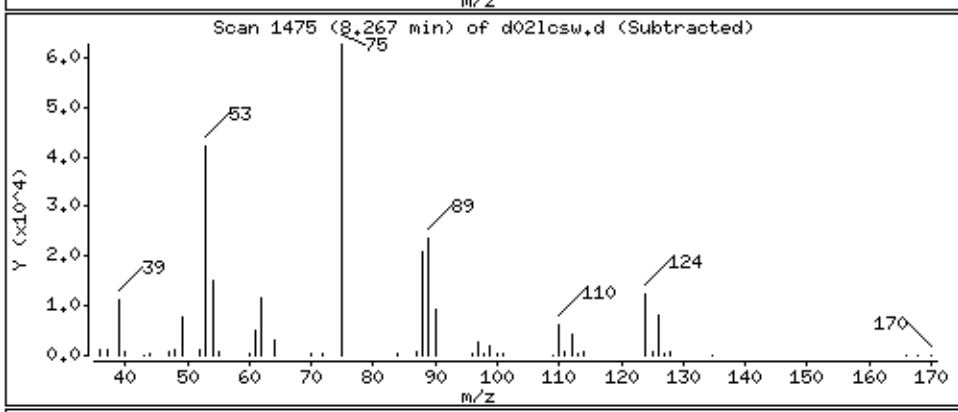
Column diameter: 0.18

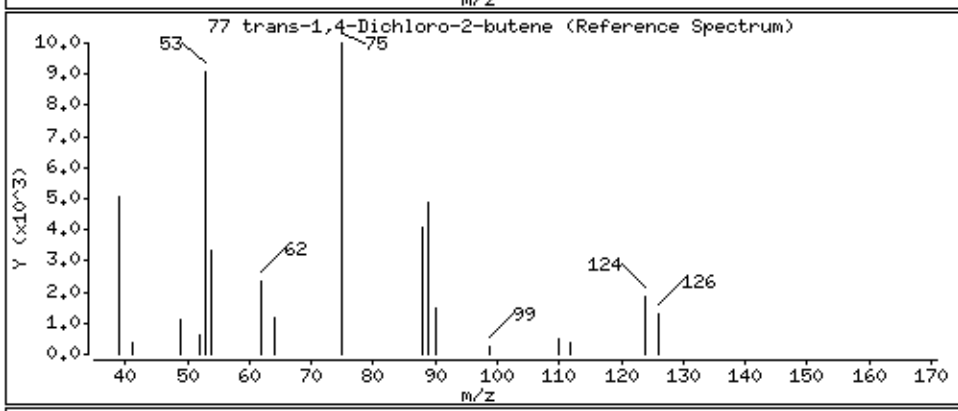
77 trans-1,4-Dichloro-2-butene

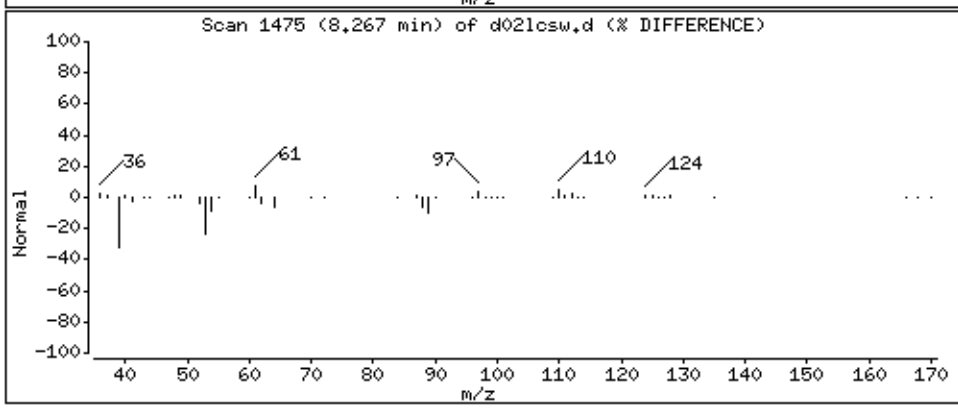
Concentration: 143 ppb

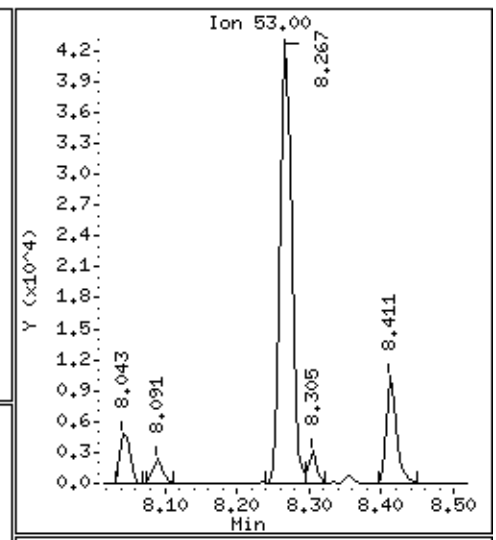
Review Code:

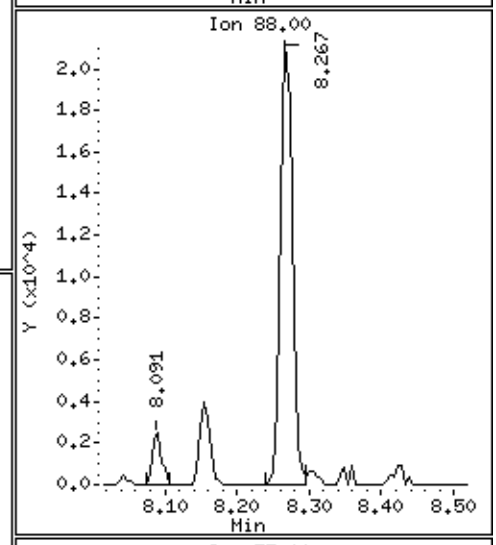


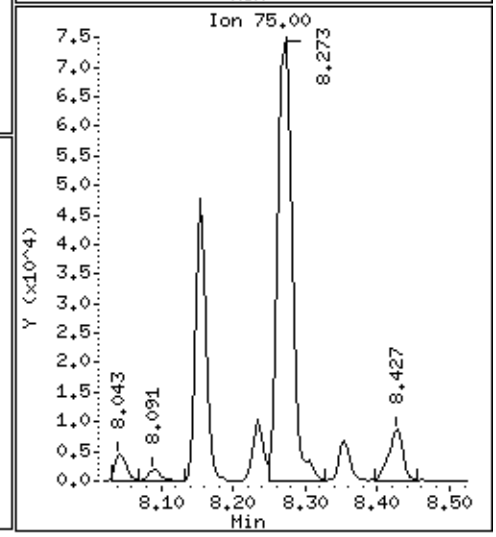












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

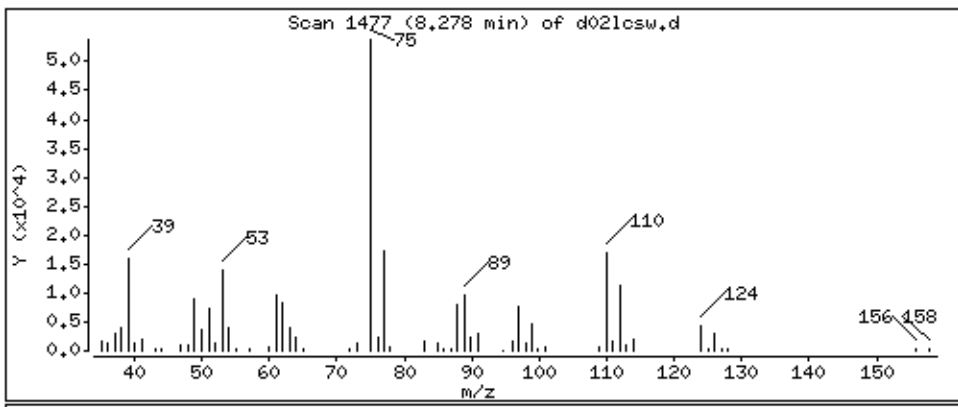
Column phase: DB-624

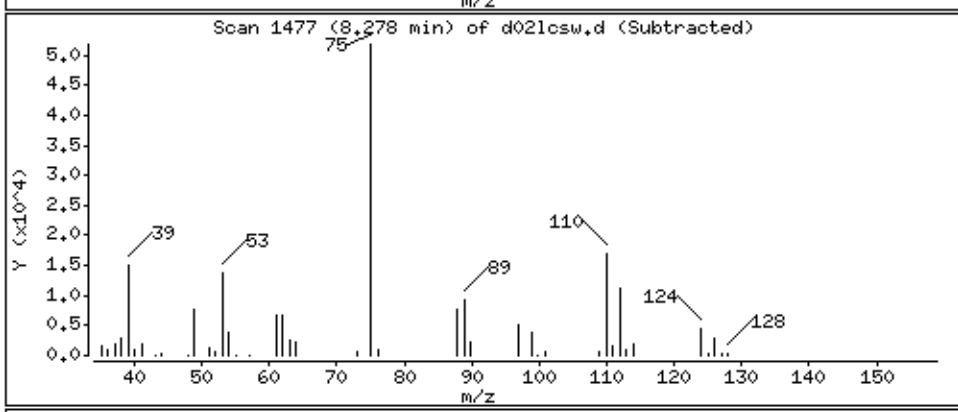
Column diameter: 0.18

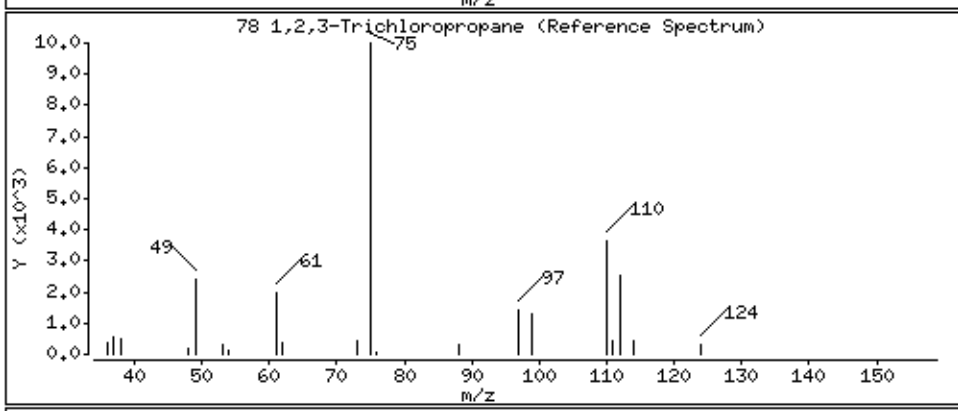
78 1,2,3-Trichloropropane

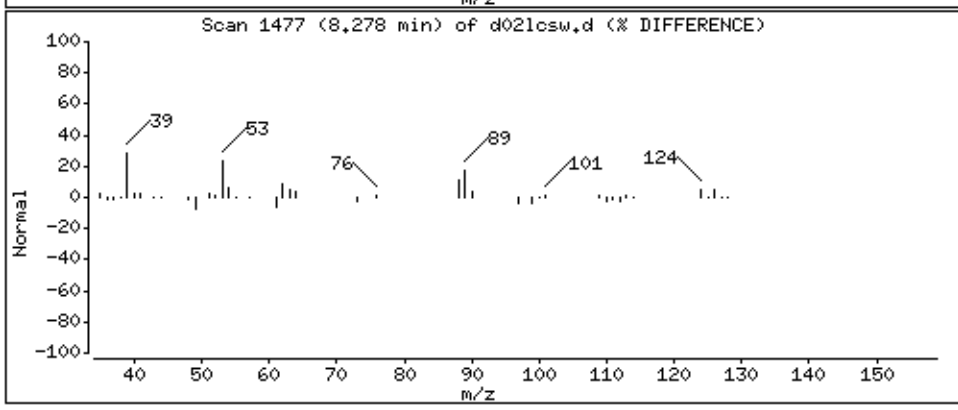
Concentration: 47.4 ppb

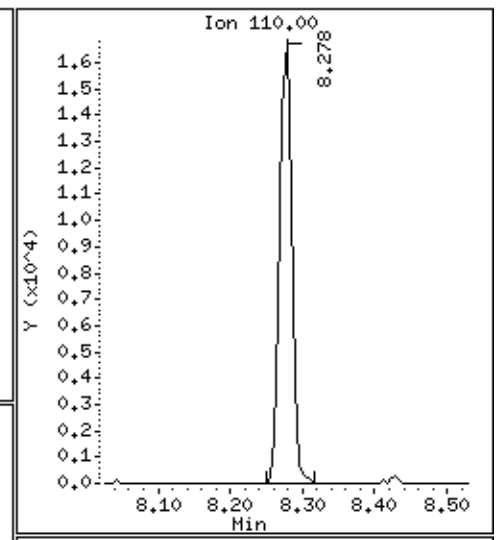
Review Code:

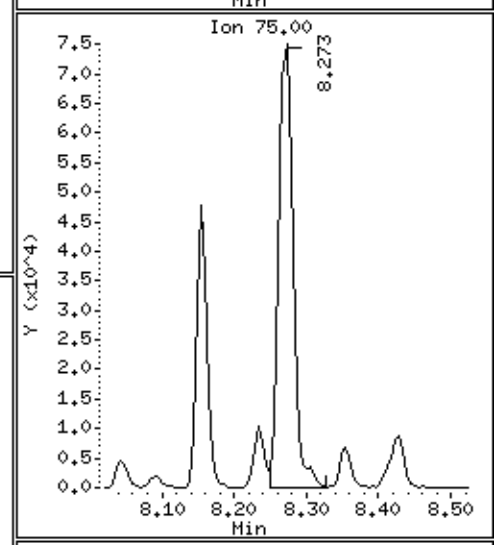


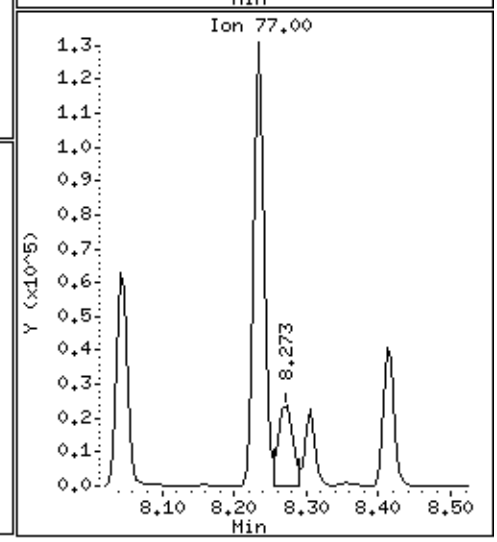












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

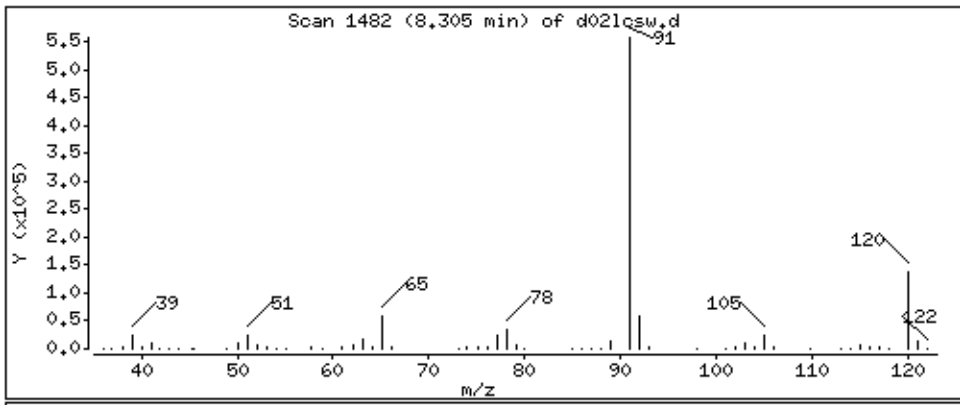
Column phase: DB-624

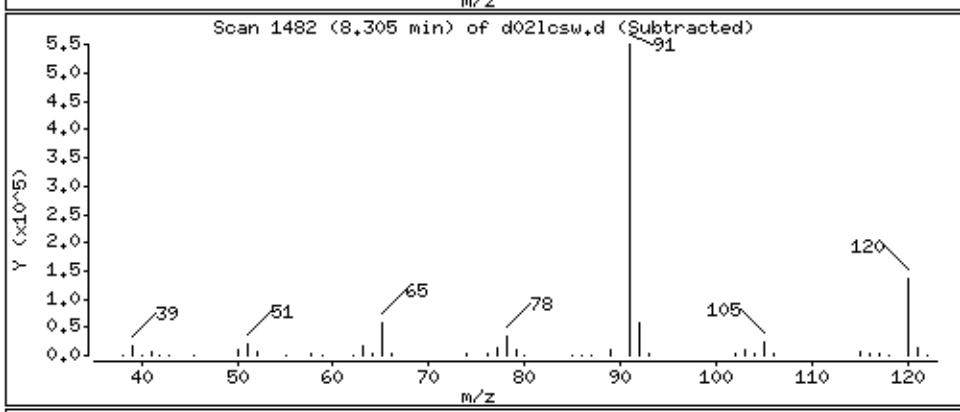
Column diameter: 0.18

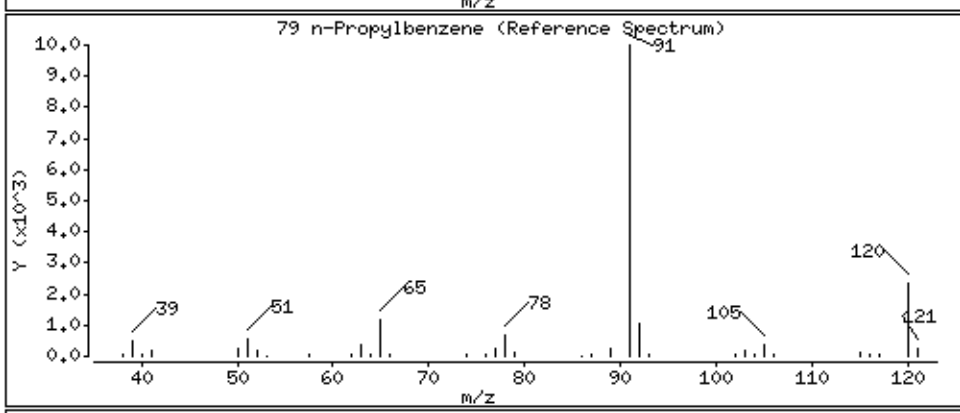
79 n-Propylbenzene

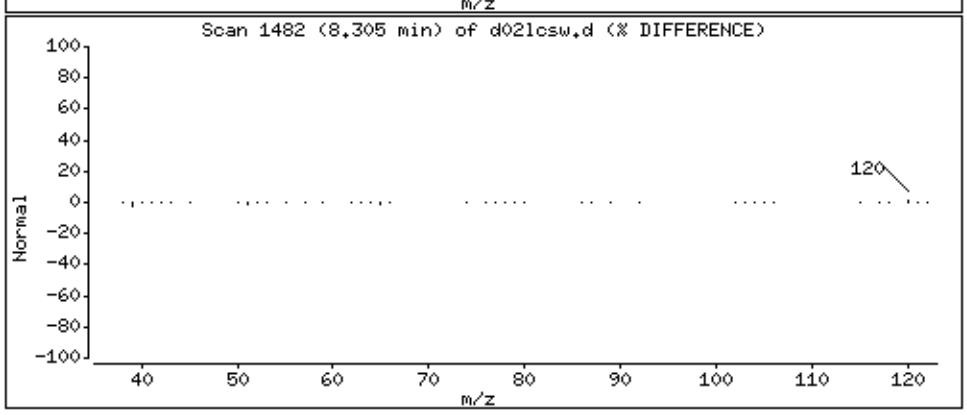
Concentration: 42.4 ppb

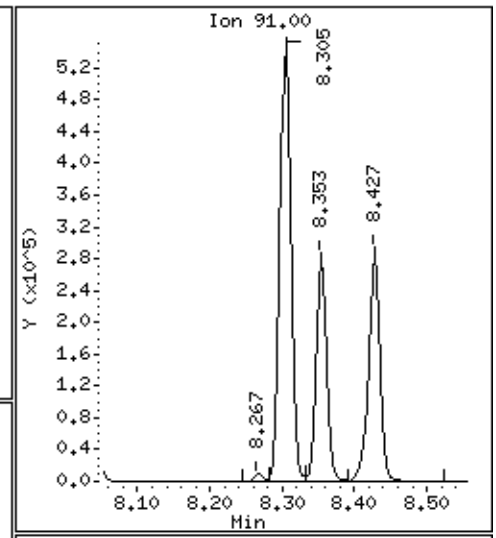
Review Code:

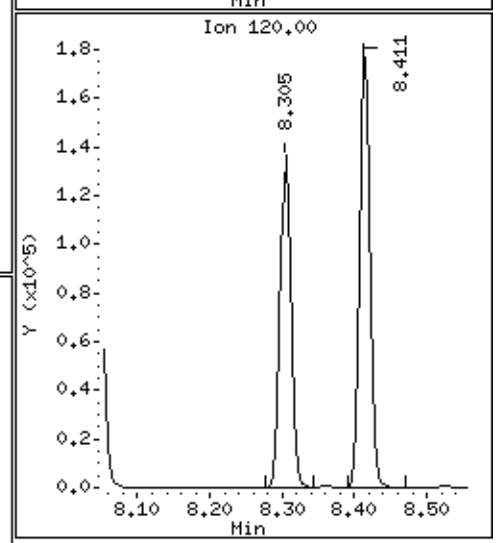












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

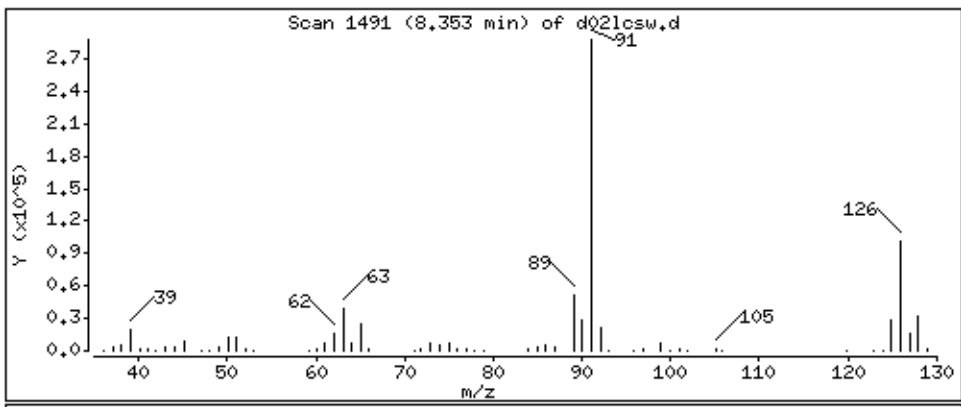
Column phase: DB-624

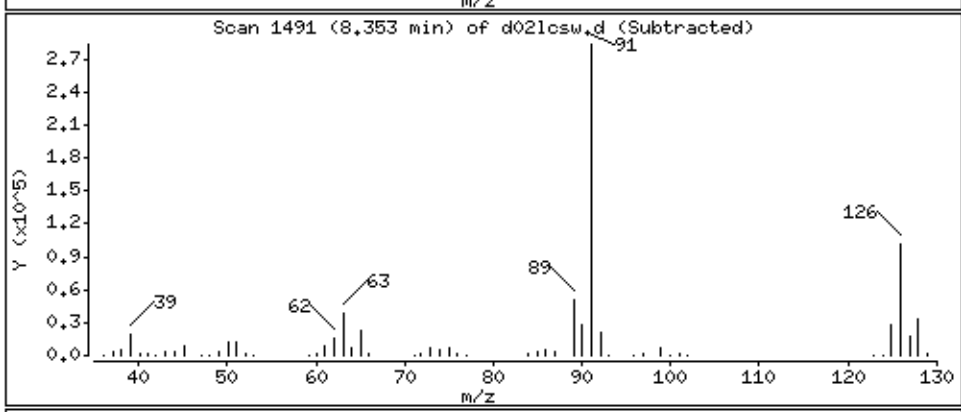
Column diameter: 0.18

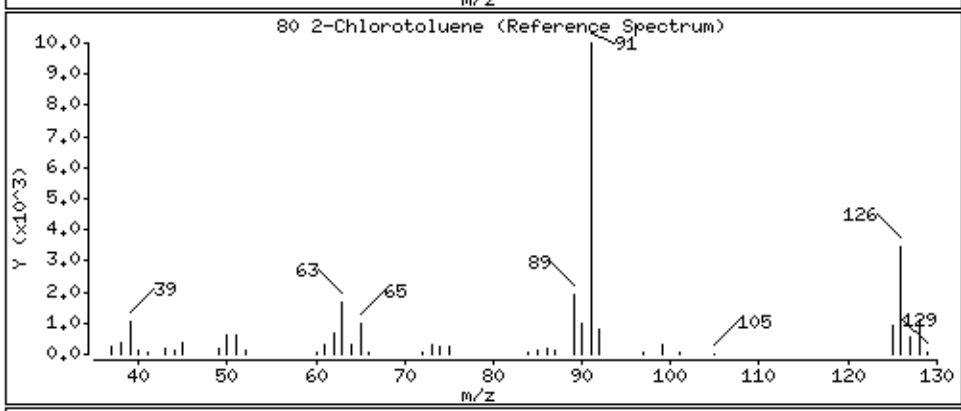
80 2-Chlorotoluene

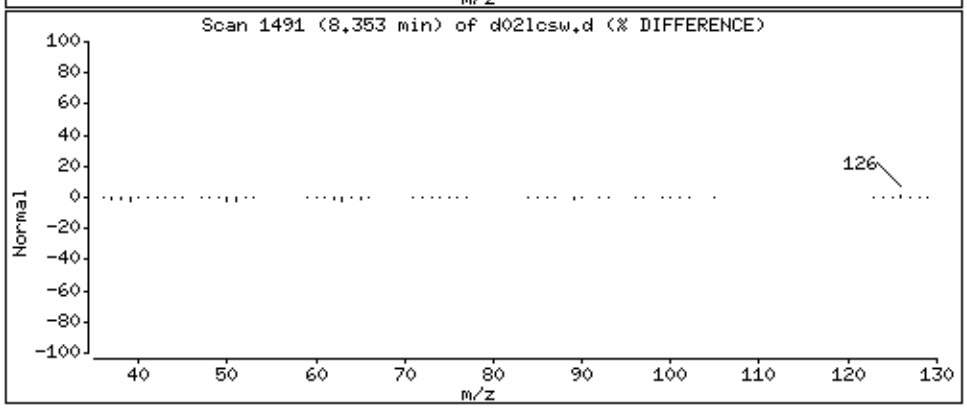
Concentration: 40.6 ppb

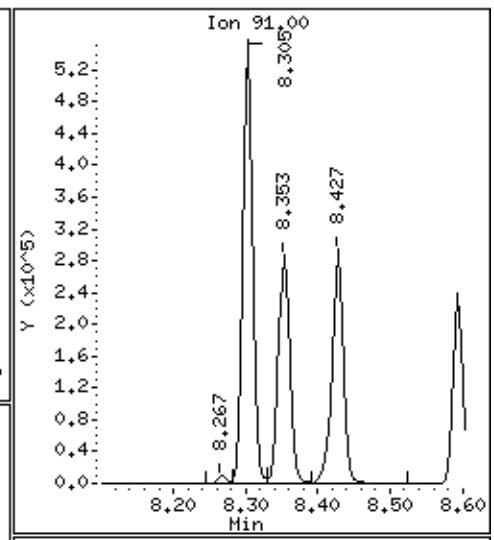
Review Code:

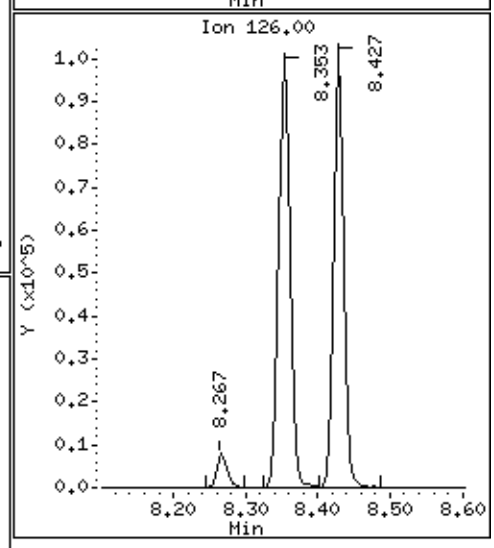












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

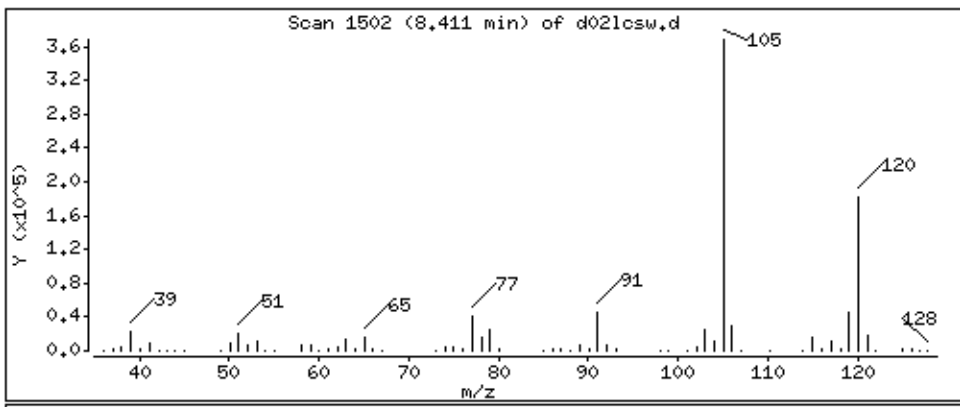
Column phase: DB-624

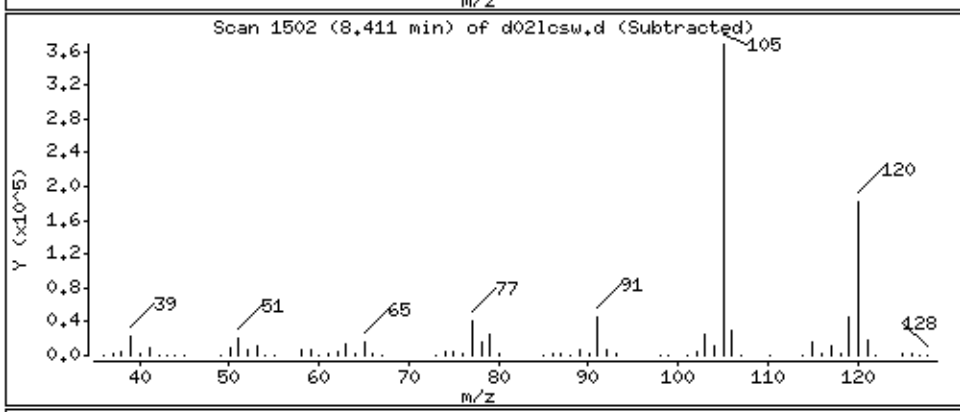
Column diameter: 0.18

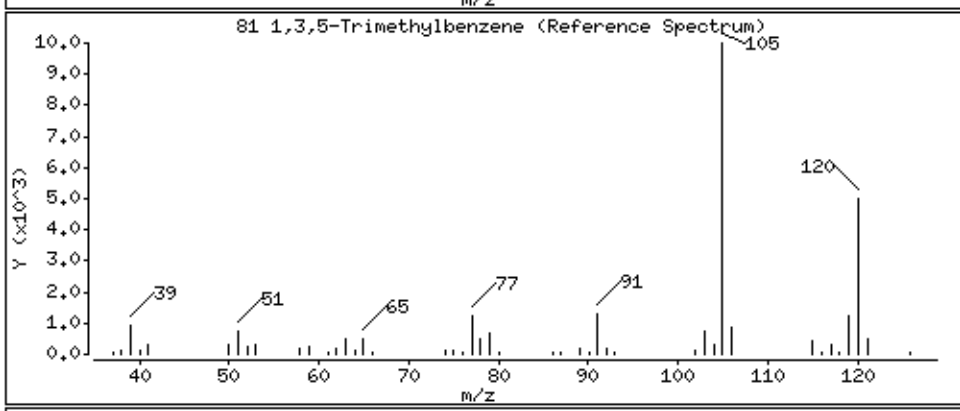
81 1,3,5-Trimethylbenzene

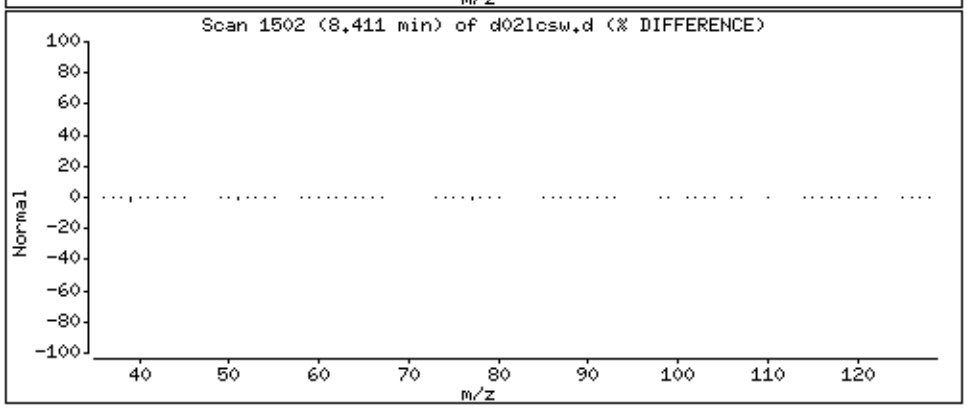
Concentration: 42.1 ppb

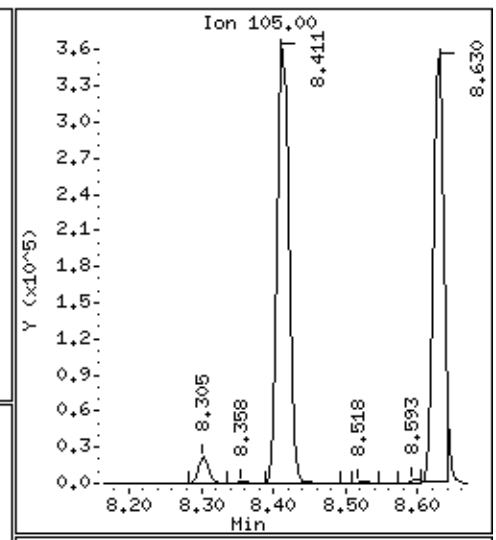
Review Code:

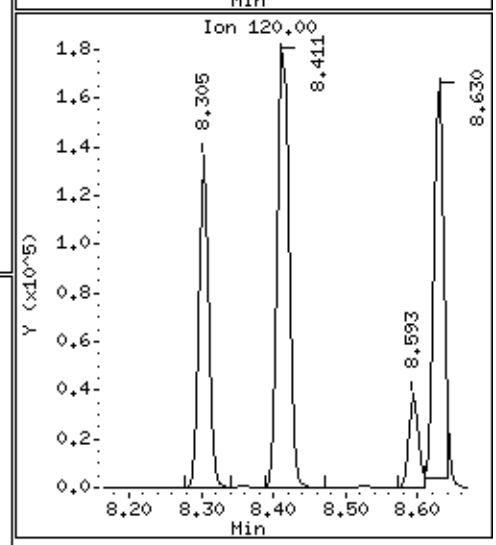












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

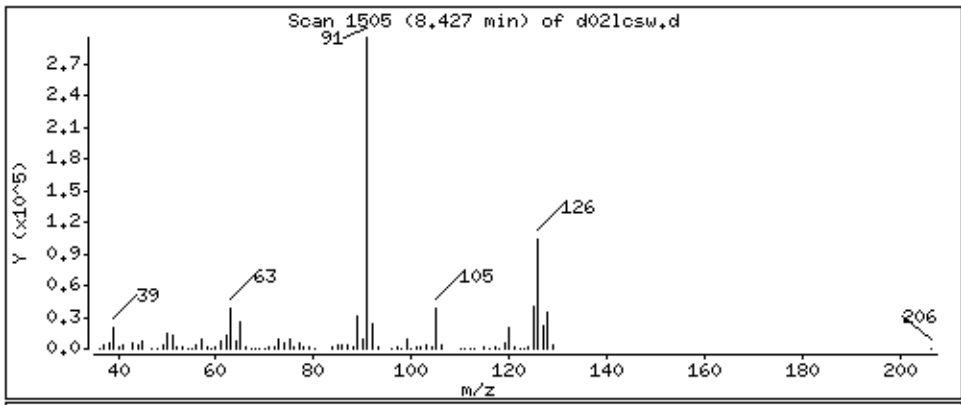
Column phase: DB-624

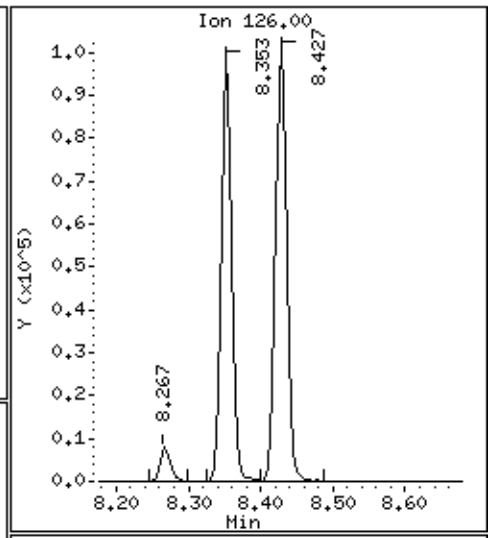
Column diameter: 0.18

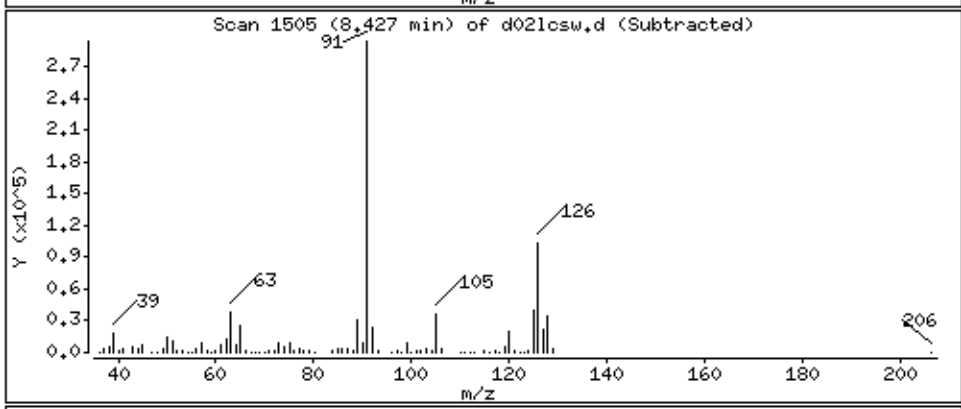
82 4-Chlorotoluene

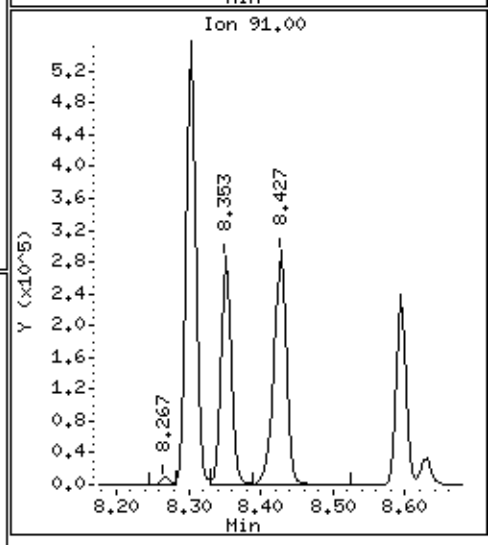
Concentration: 43.4 ppb

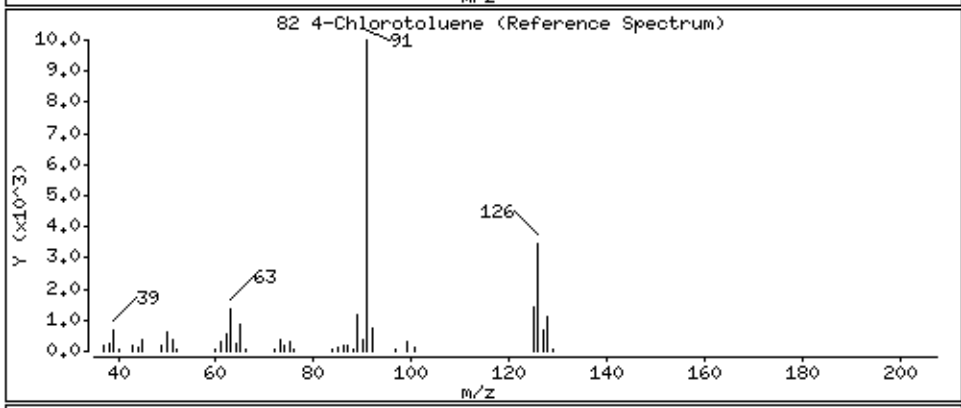
Review Code:

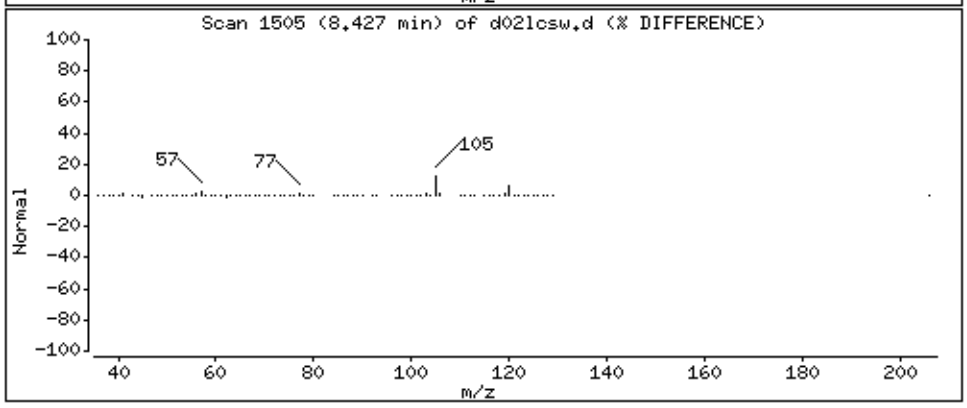












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

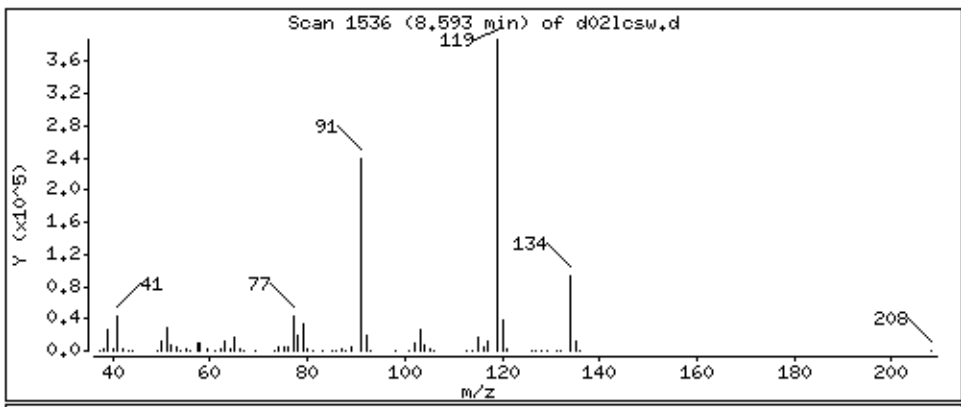
Column phase: DB-624

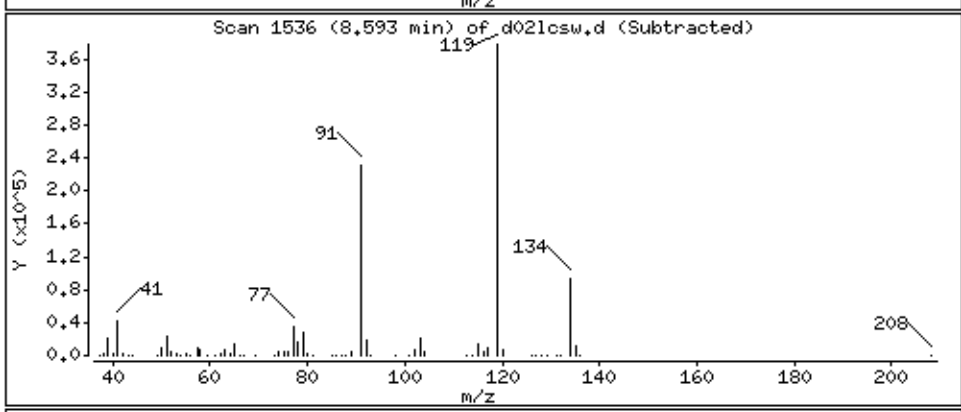
Column diameter: 0.18

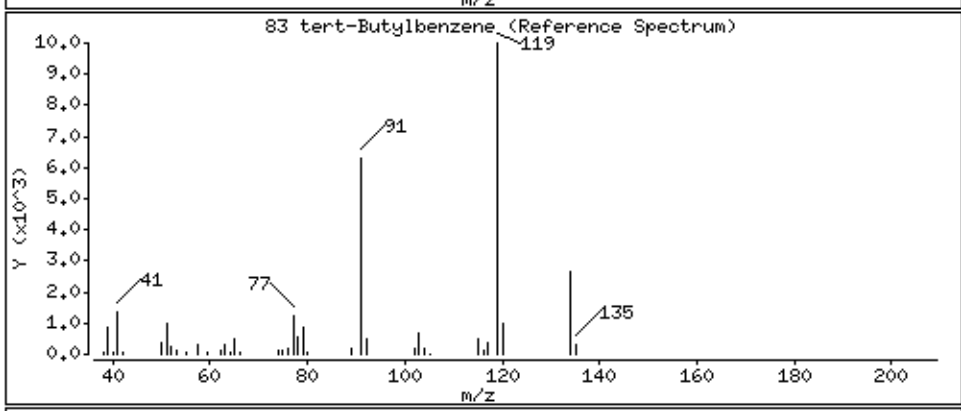
83 tert-Butylbenzene

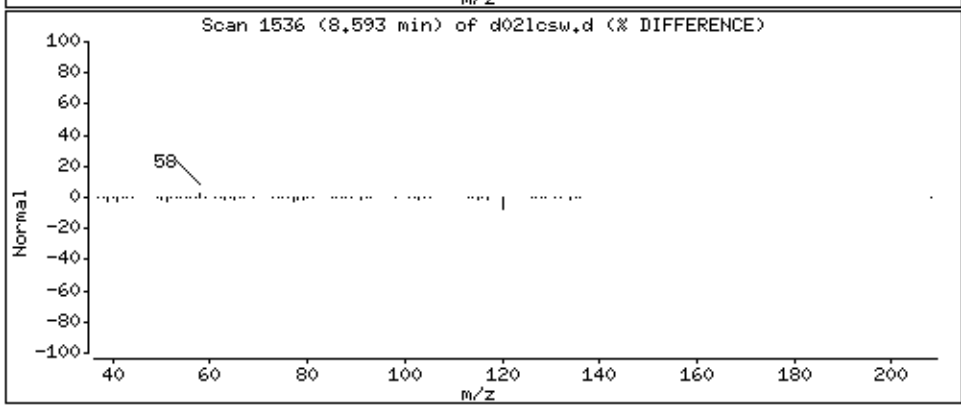
Concentration: 35.9 ppb

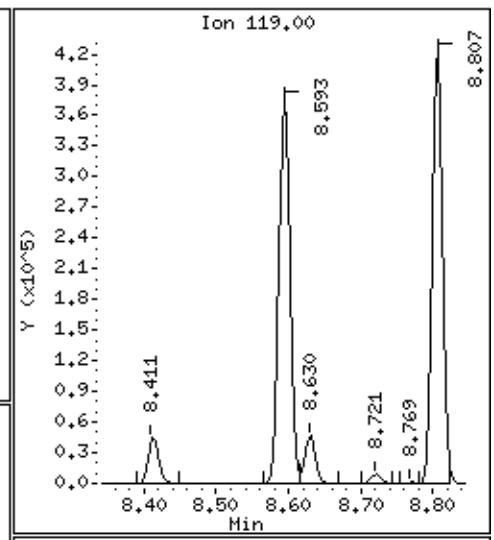
Review Code:

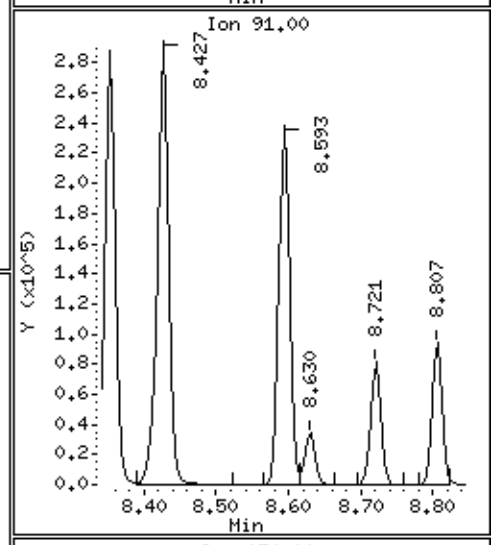


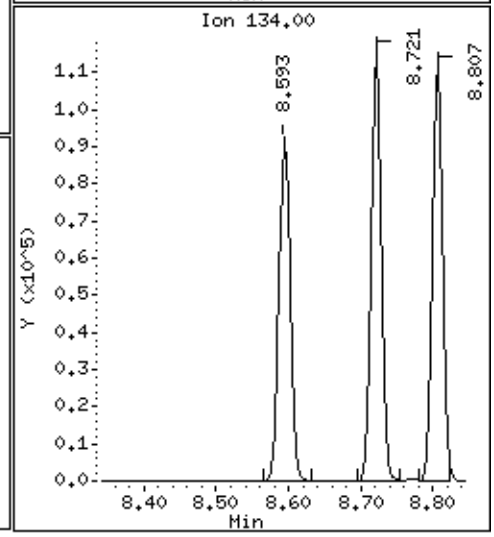












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

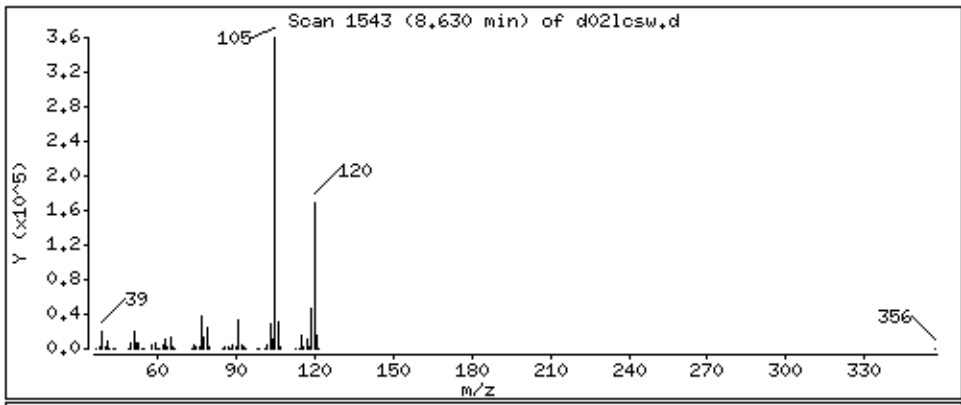
Column phase: DB-624

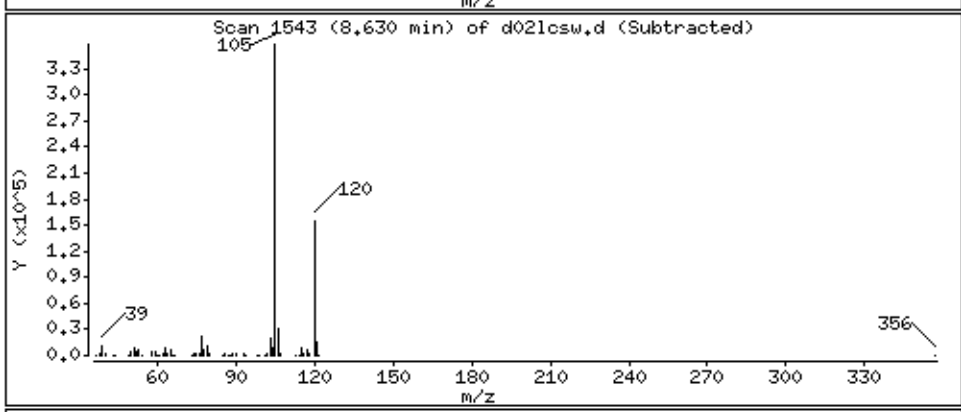
Column diameter: 0.18

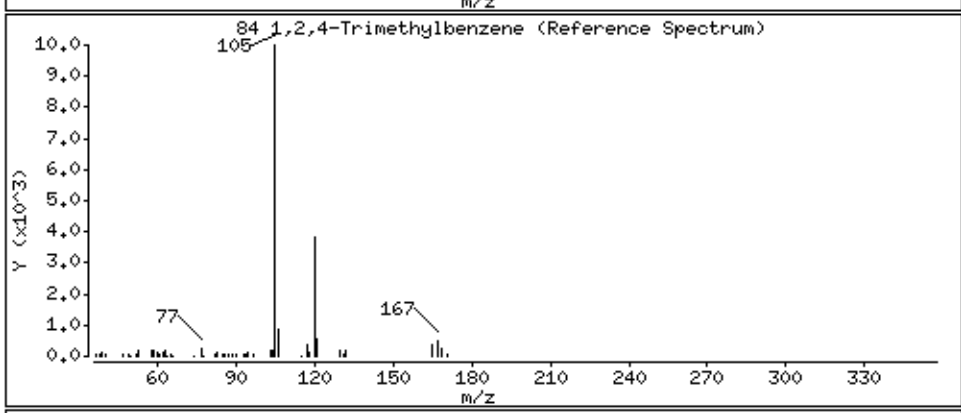
84 1,2,4-Trimethylbenzene

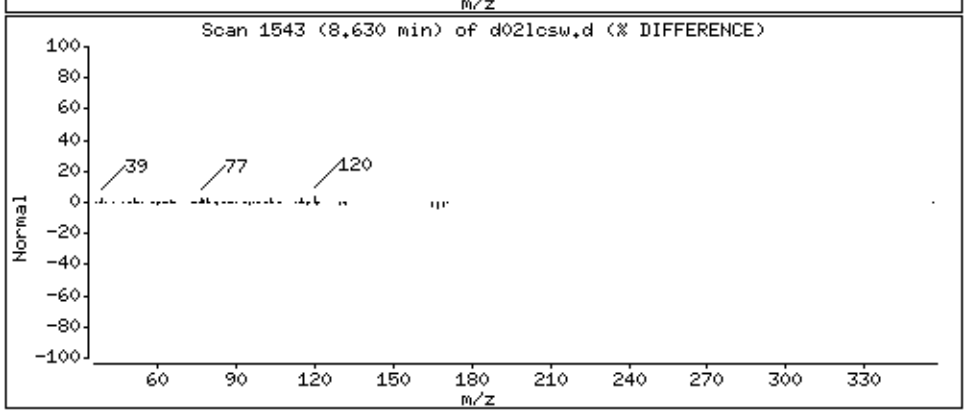
Concentration: 42.1 ppb

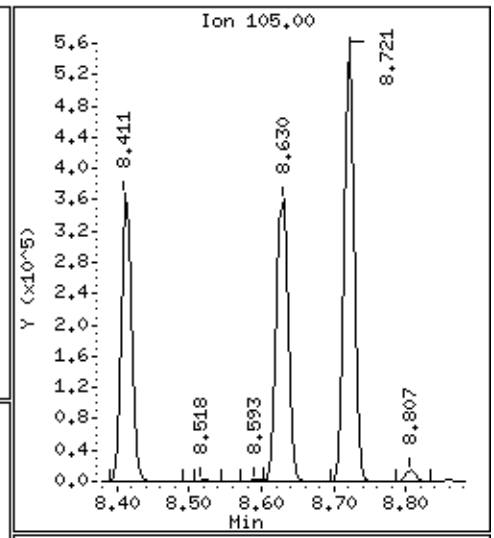
Review Code:

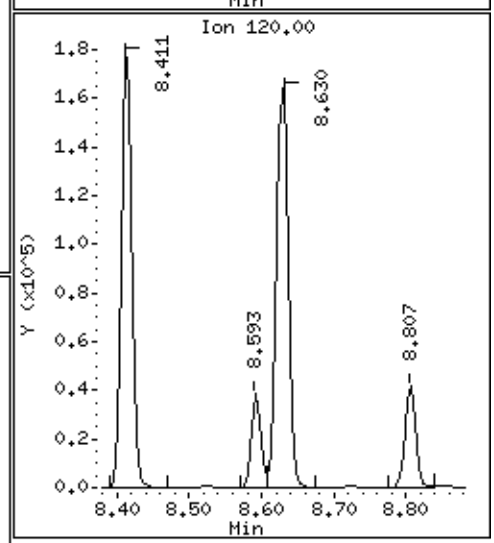












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

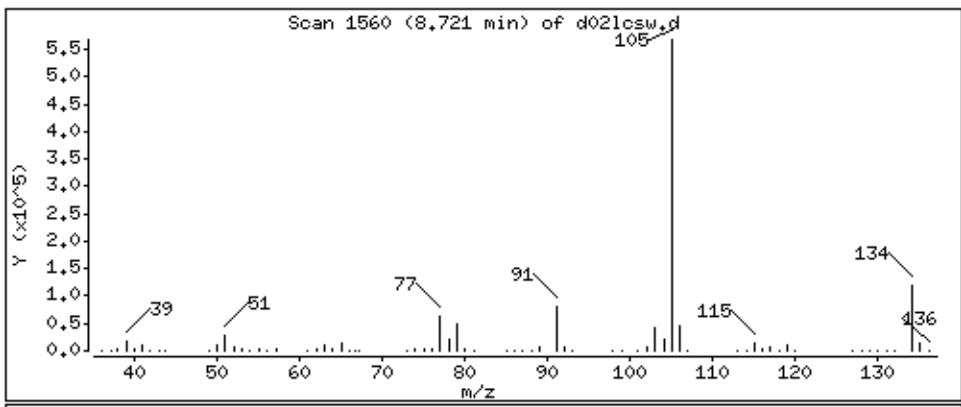
Column phase: DB-624

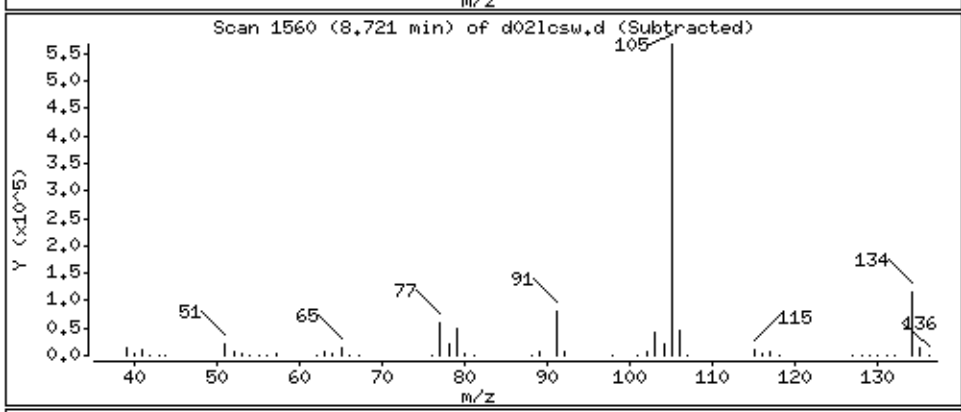
Column diameter: 0.18

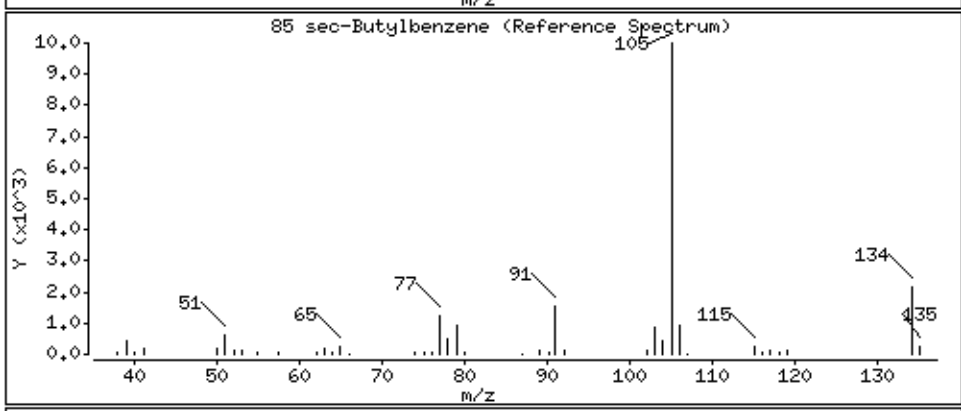
85 sec-Butylbenzene

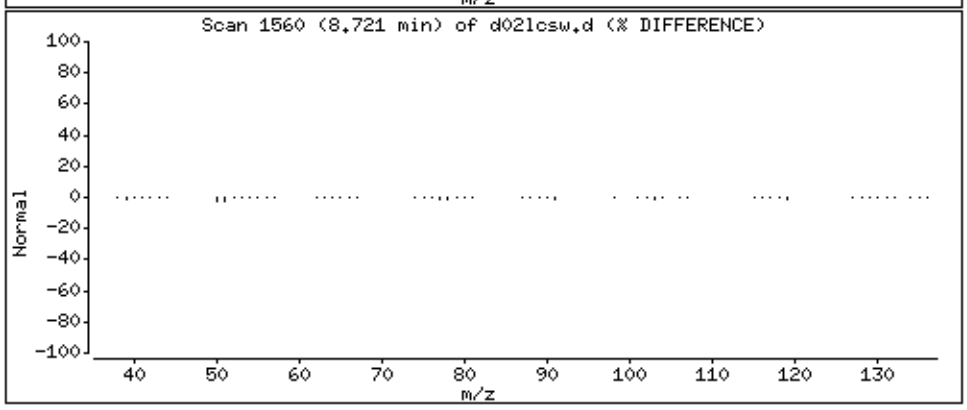
Concentration: 43.9 ppb

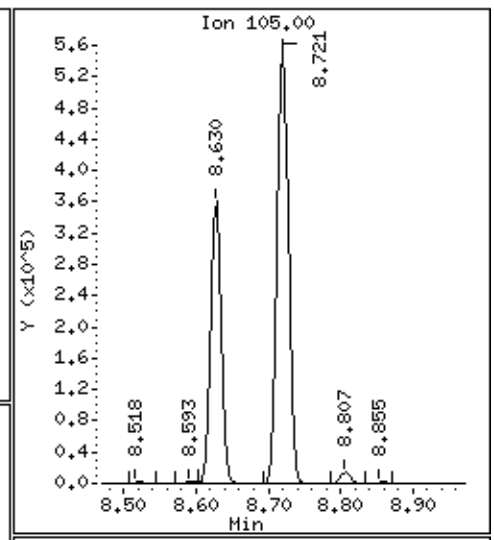
Review Code:

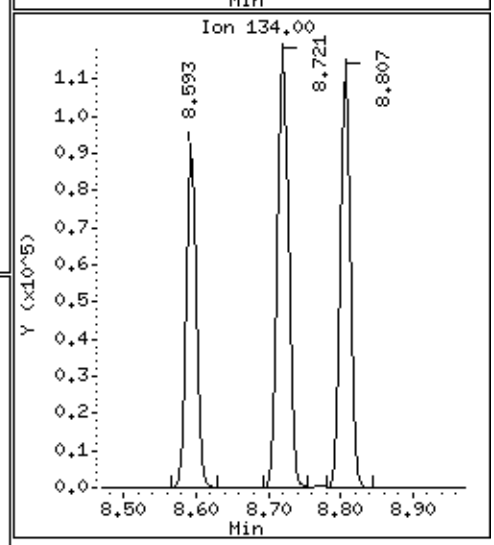












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

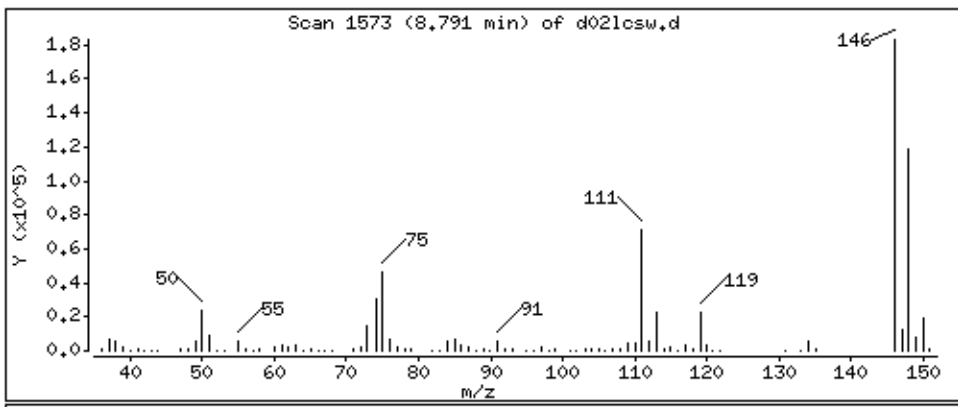
Column phase: DB-624

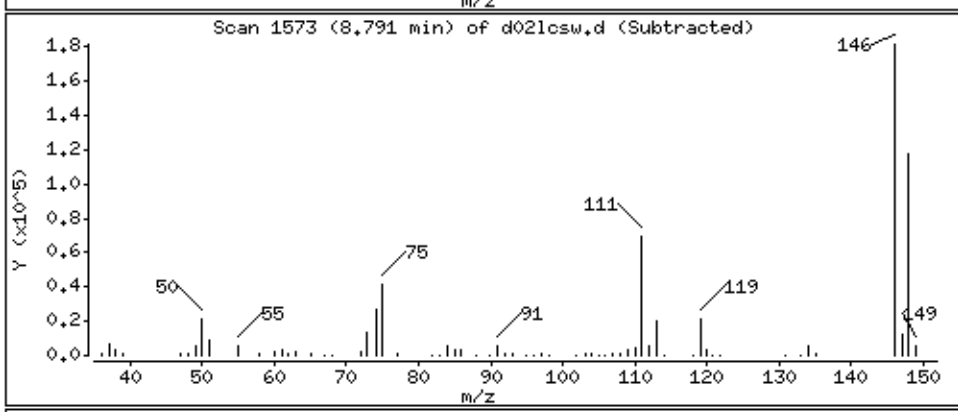
Column diameter: 0.18

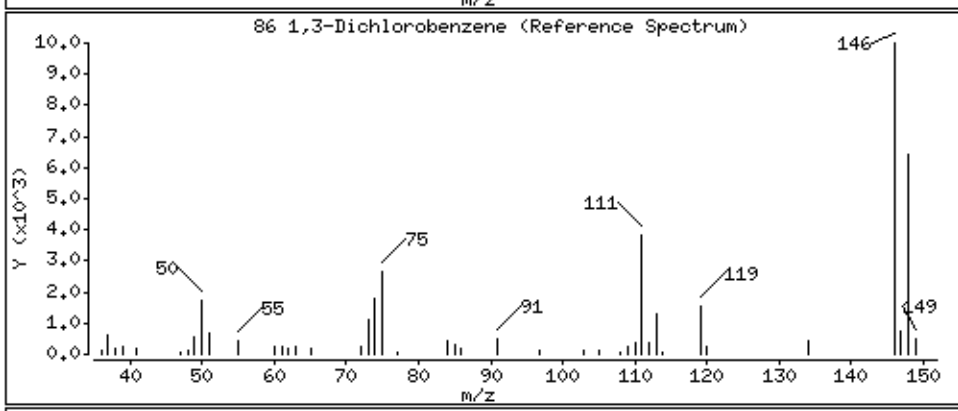
86 1,3-Dichlorobenzene

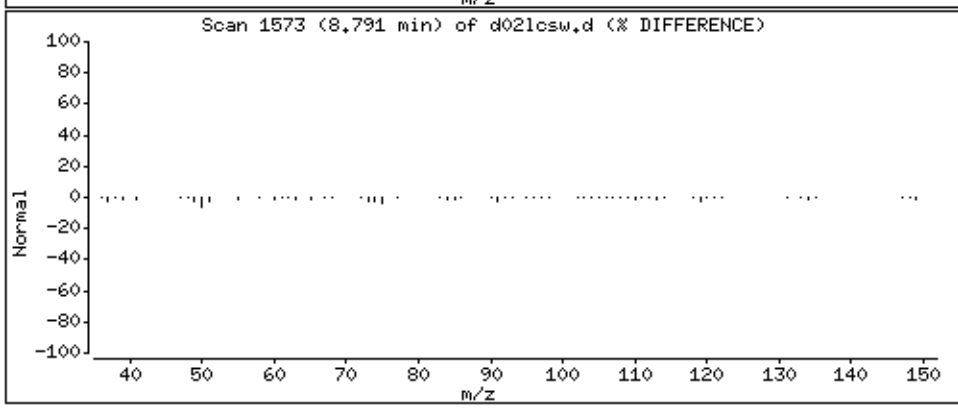
Concentration: 44.1 ppb

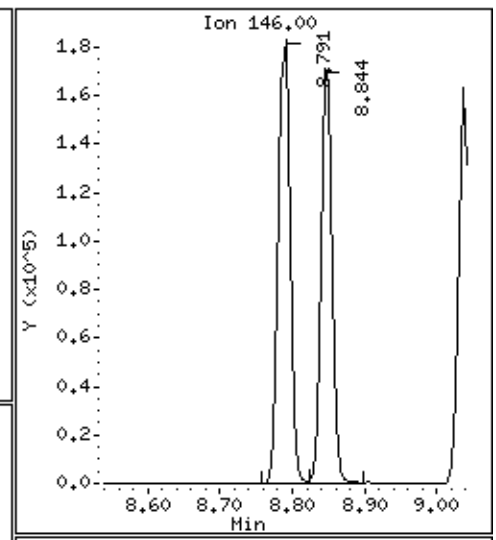
Review Code:

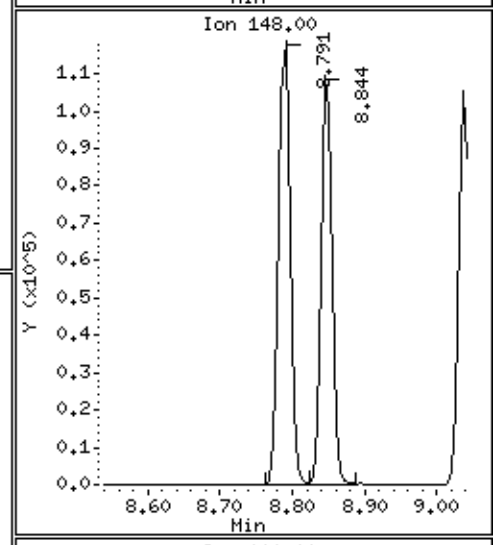


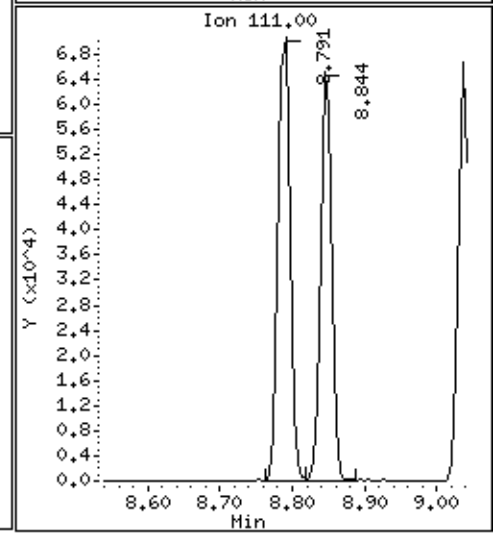












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

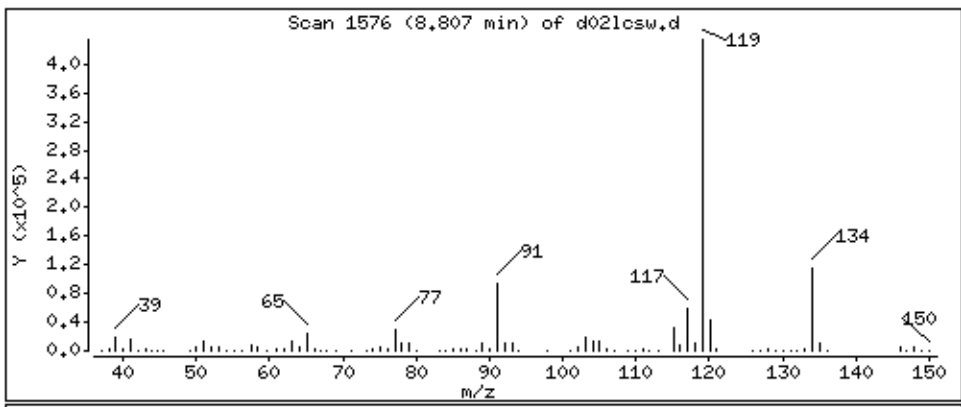
Column phase: DB-624

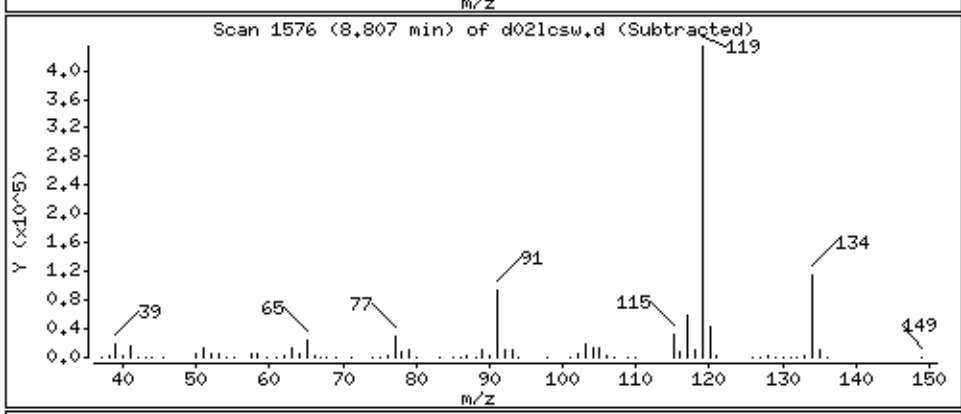
Column diameter: 0.18

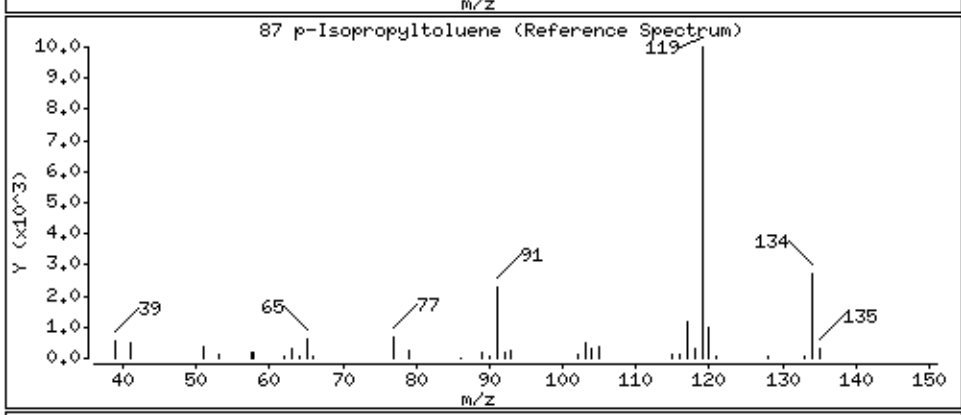
87 p-Isopropyltoluene

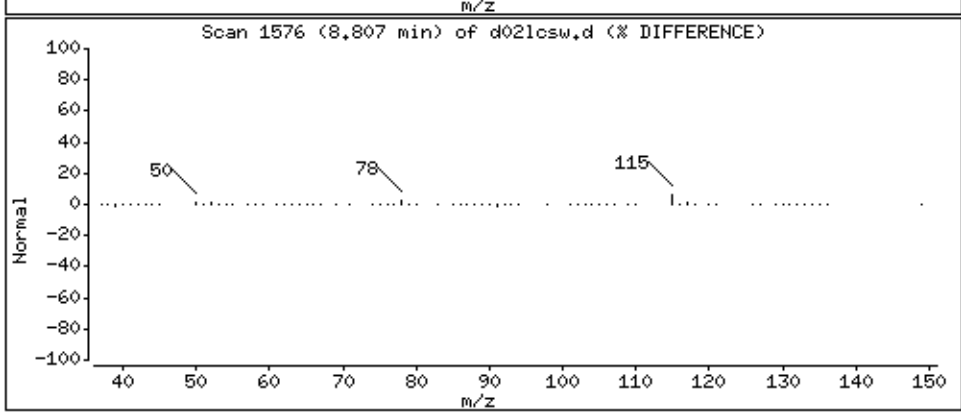
Concentration: 42.3 ppb

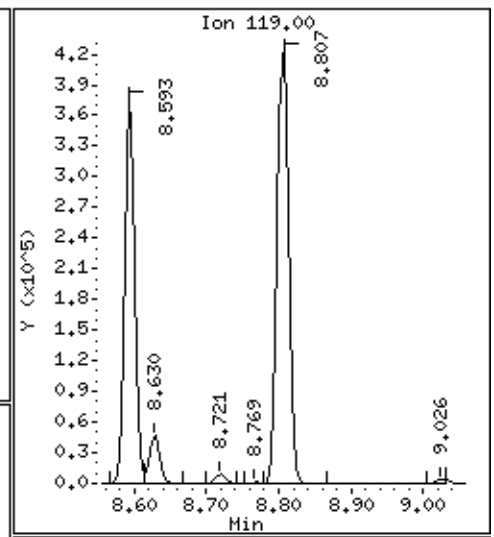
Review Code:

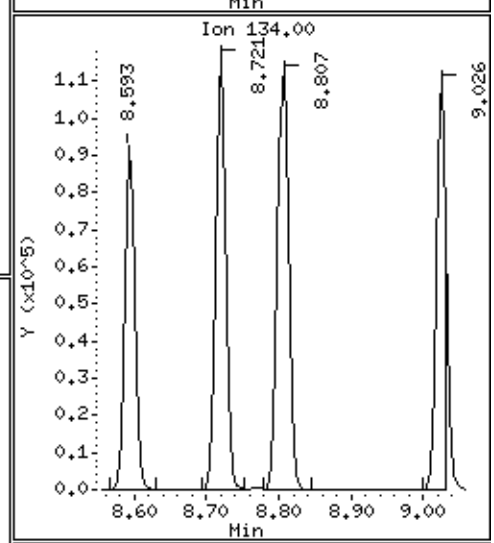


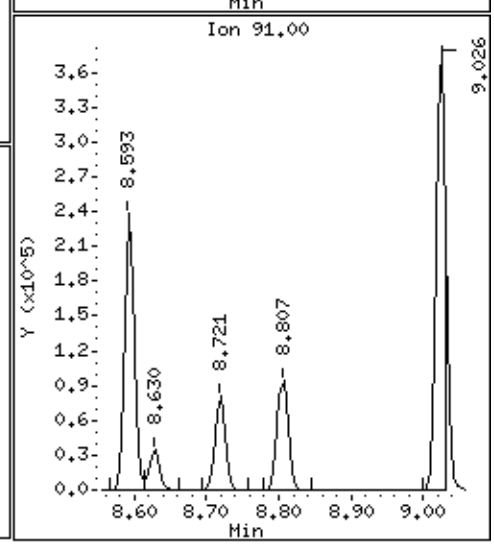












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

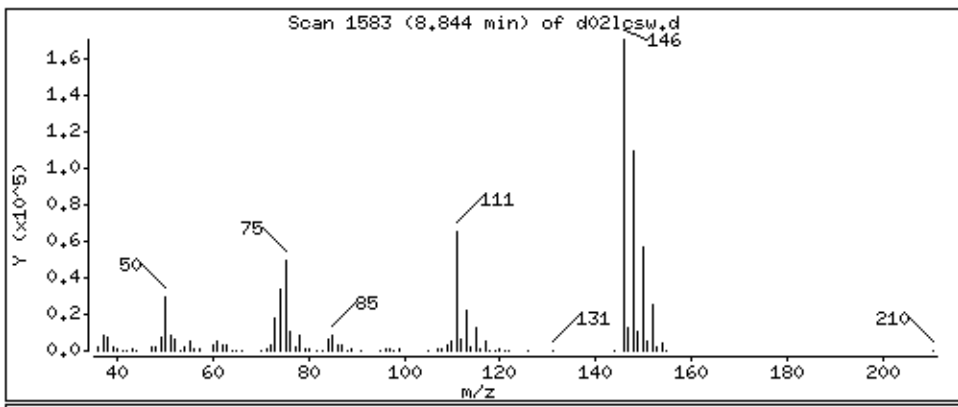
Column phase: DB-624

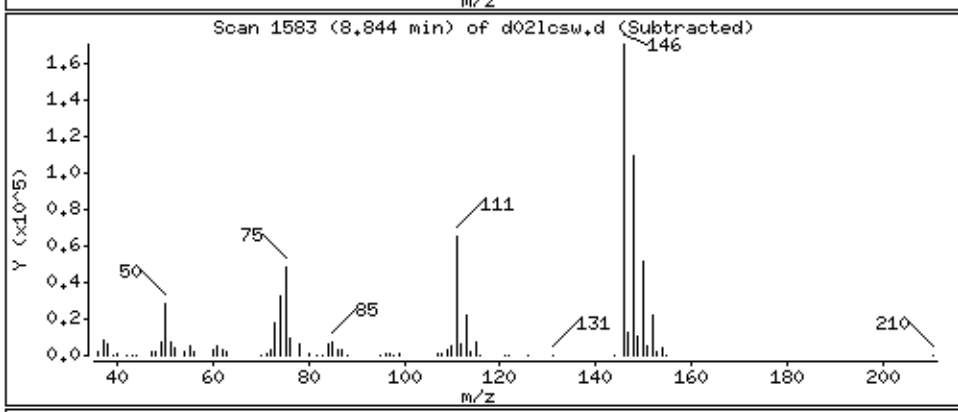
Column diameter: 0.18

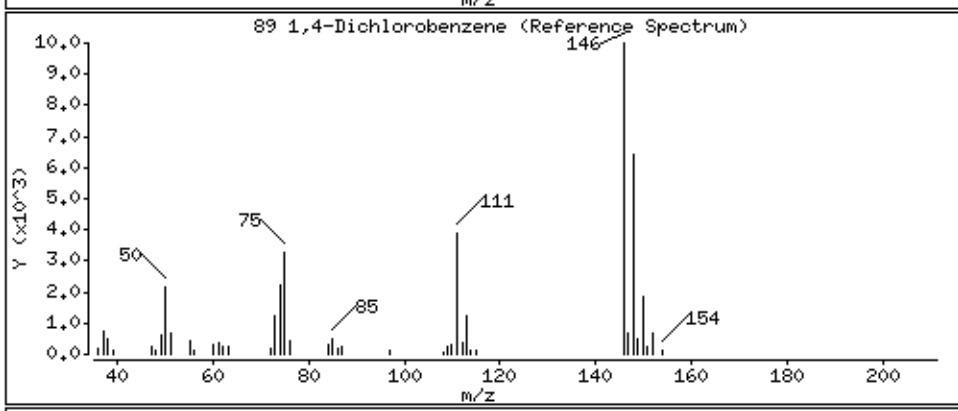
89 1,4-Dichlorobenzene

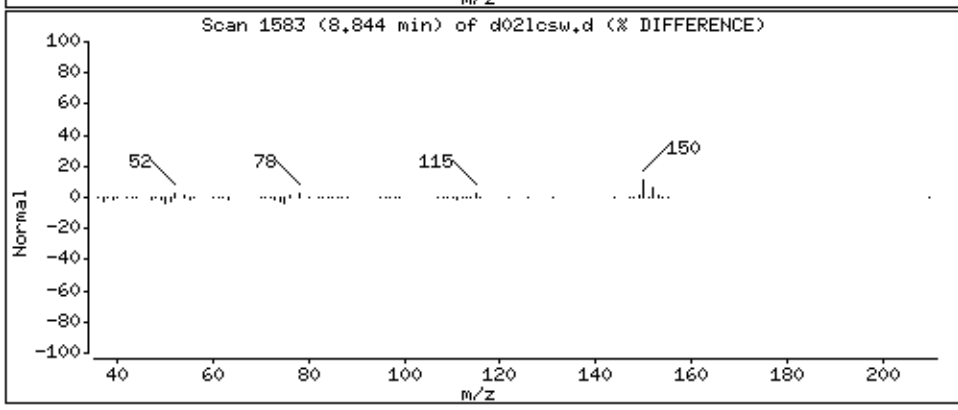
Concentration: 42.4 ppb

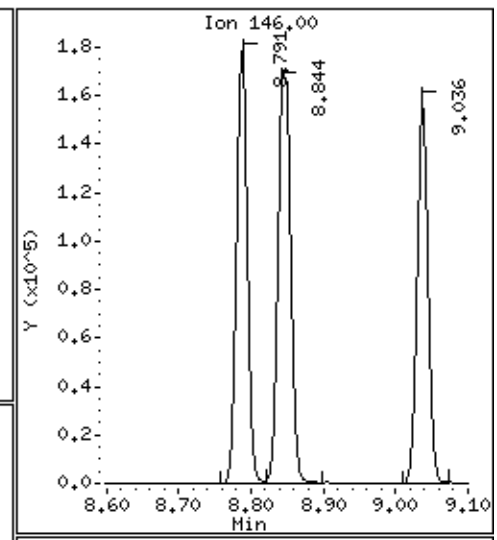
Review Code:

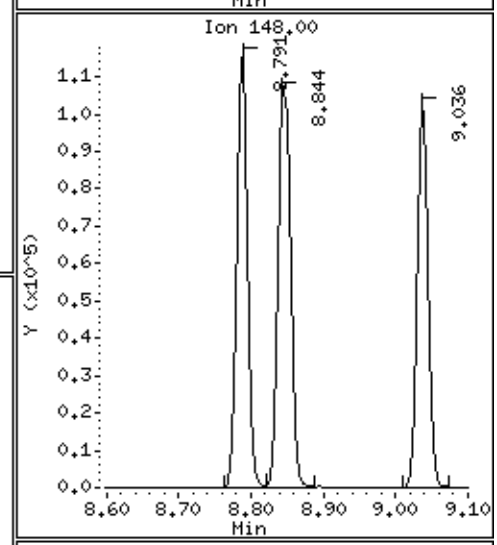


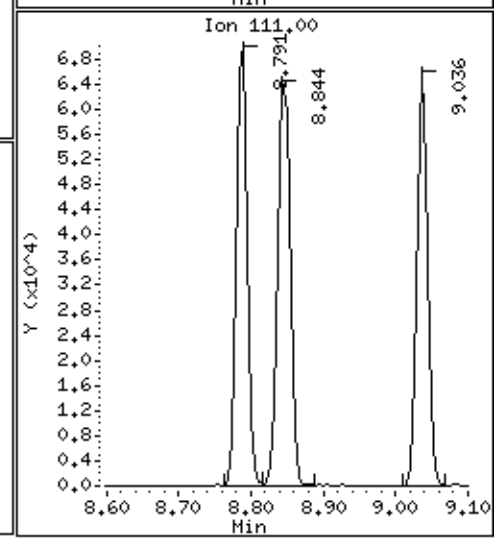












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

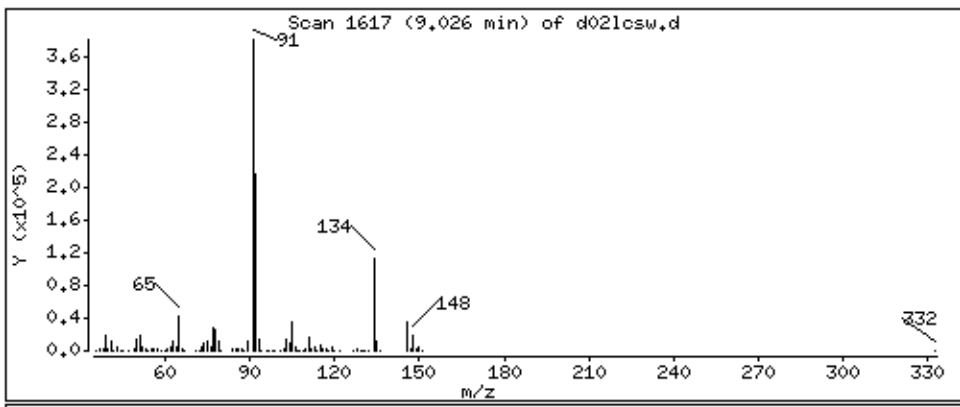
Column phase: DB-624

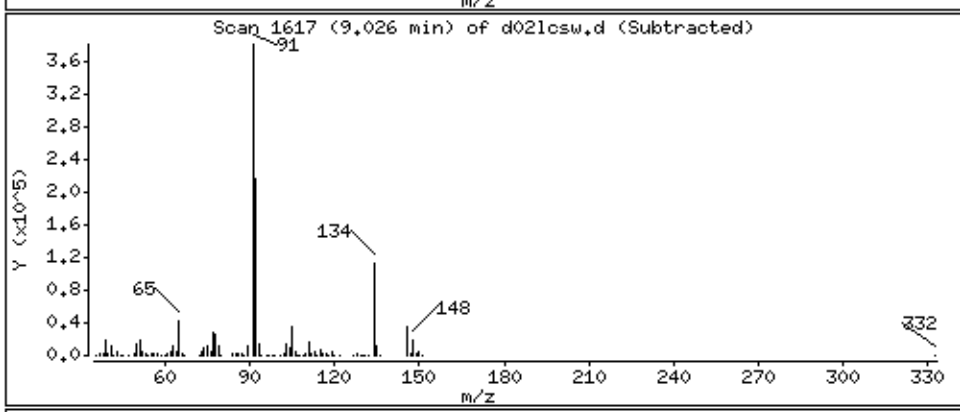
Column diameter: 0.18

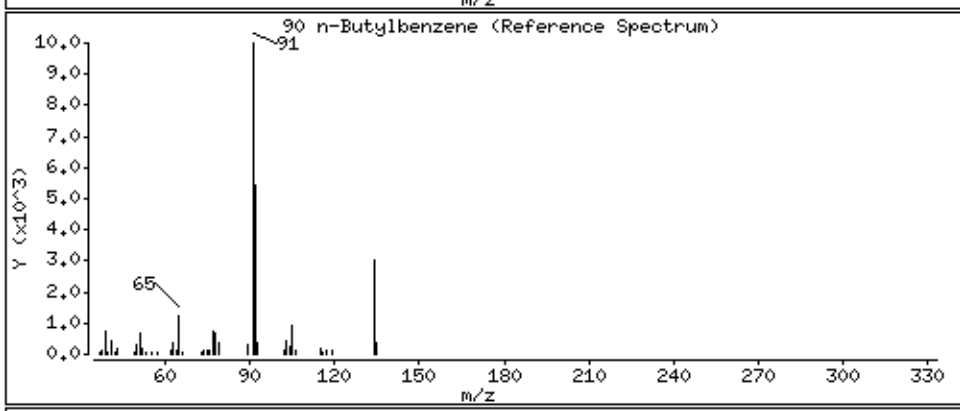
90 n-Butylbenzene

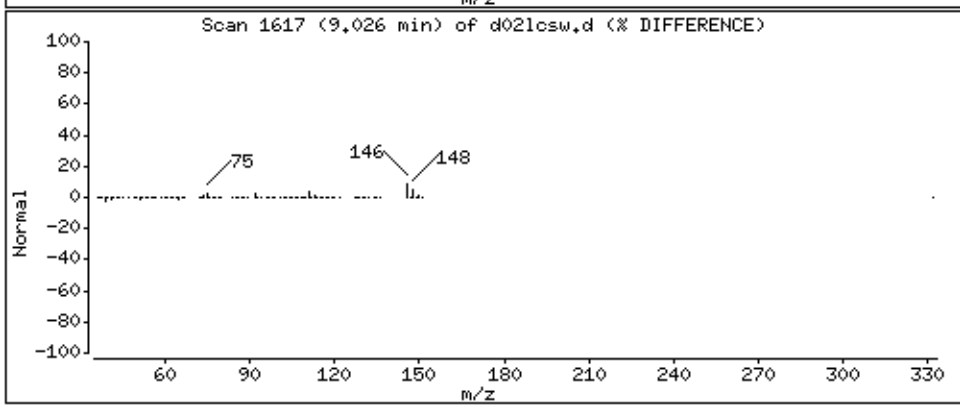
Concentration: 39.2 ppb

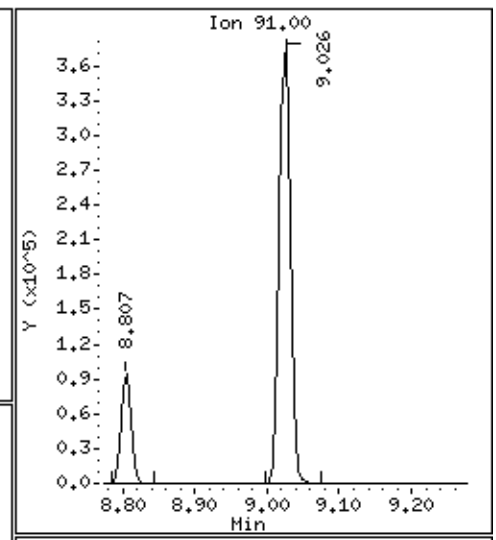
Review Code:

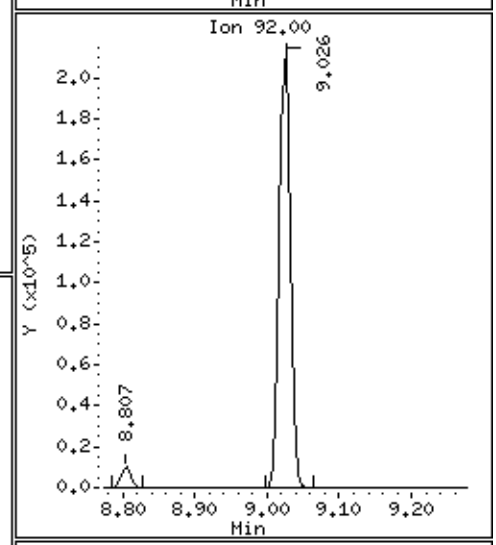


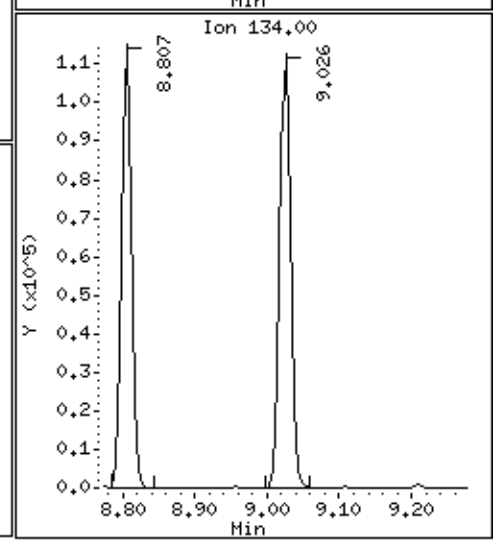












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

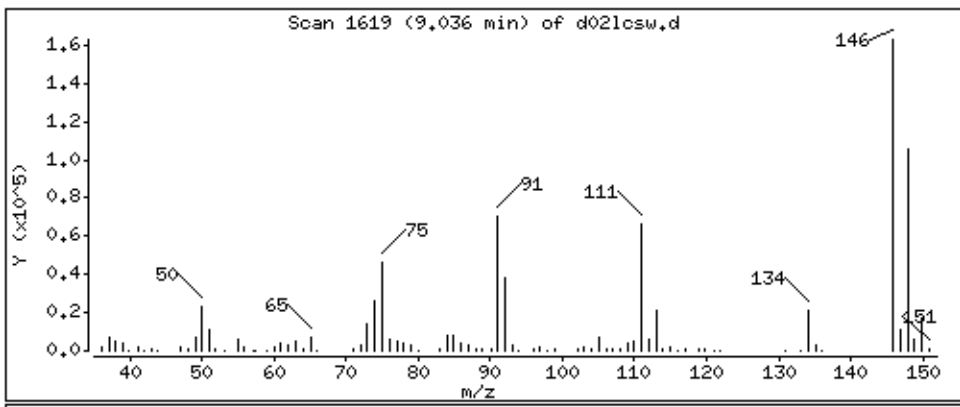
Column phase: DB-624

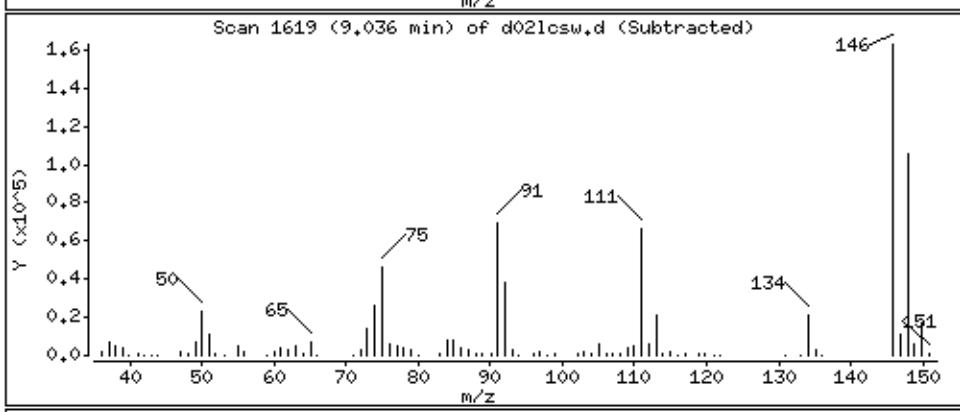
Column diameter: 0.18

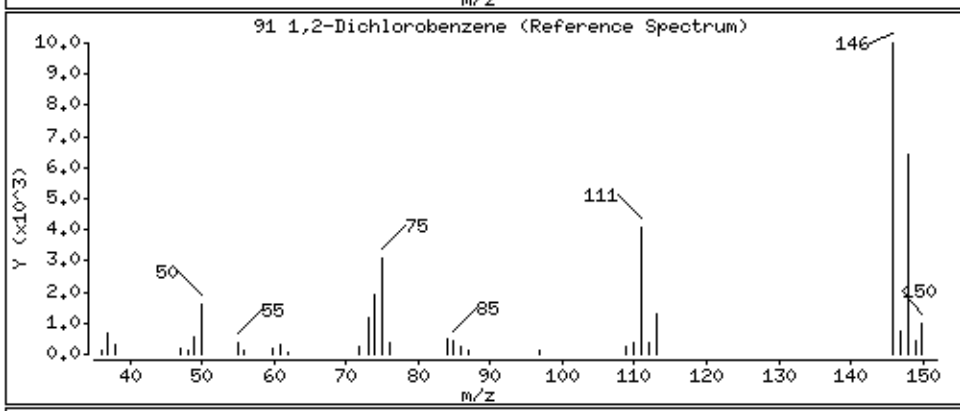
91 1,2-Dichlorobenzene

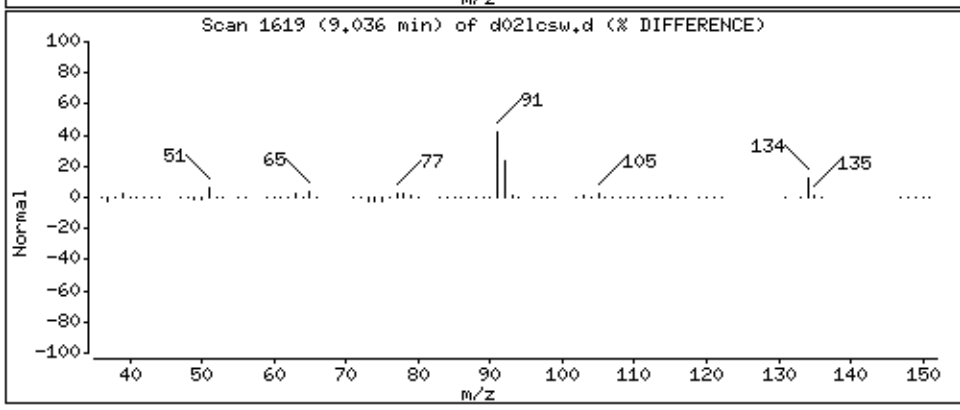
Concentration: 46.0 ppb

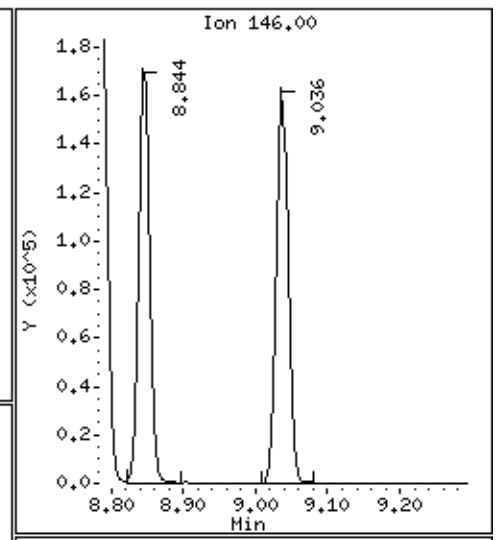
Review Code:

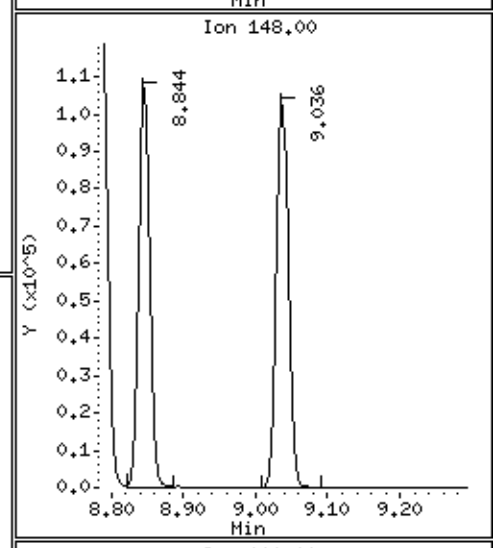


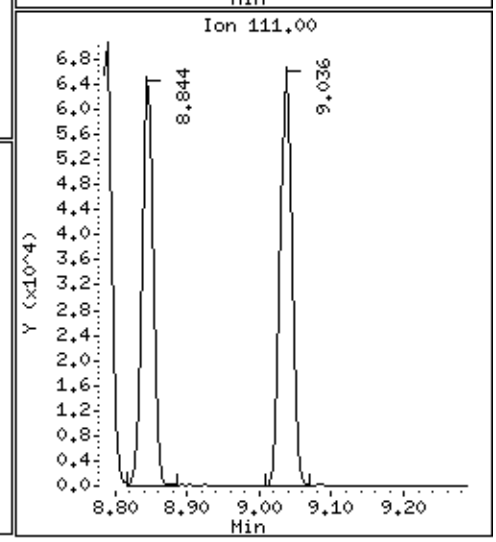












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

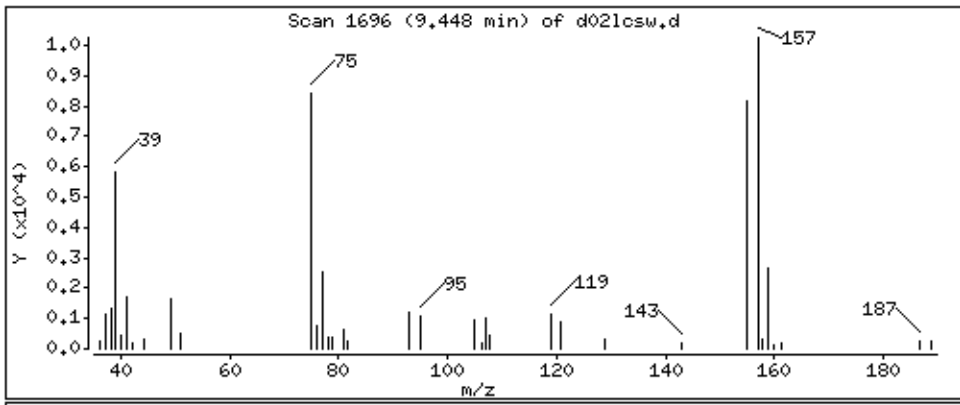
Column phase: DB-624

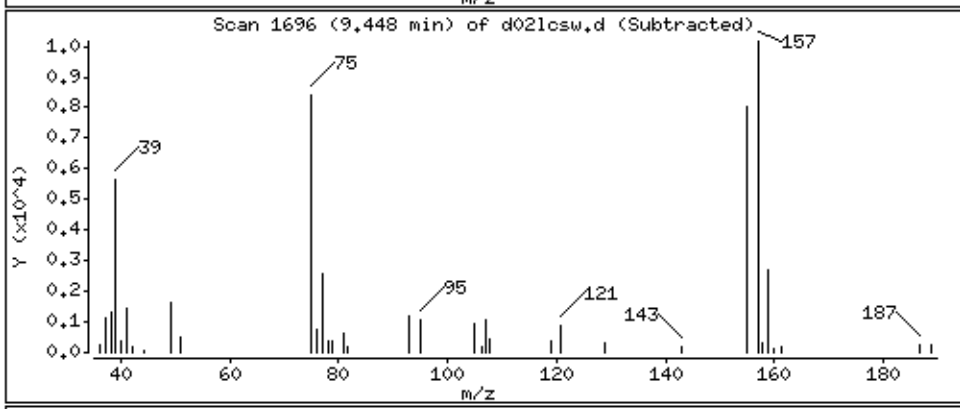
Column diameter: 0.18

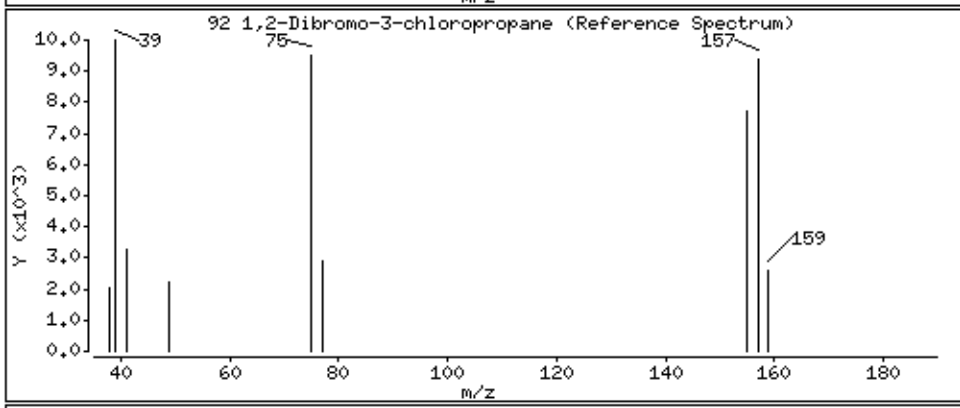
92 1,2-Dibromo-3-chloropropane

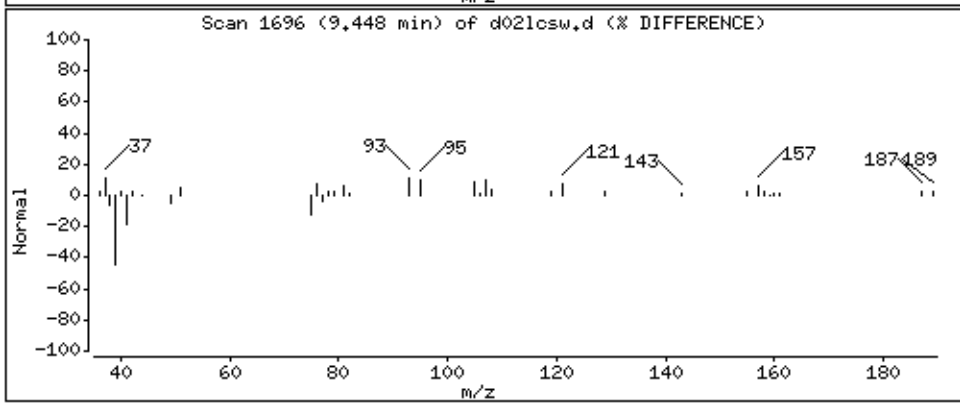
Concentration: 44.7 ppb

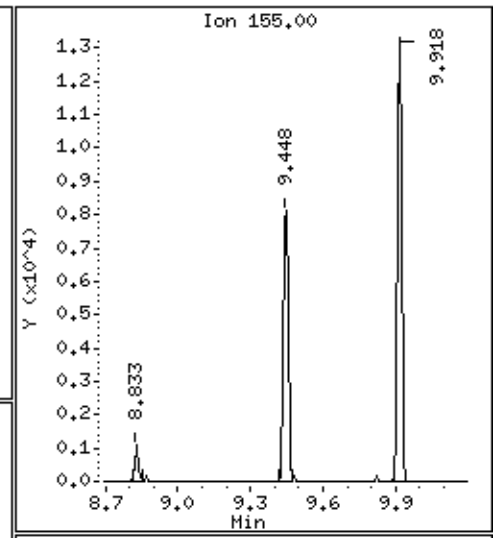
Review Code:

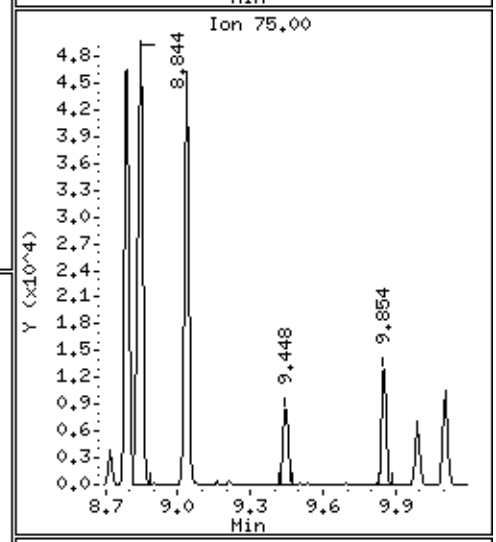


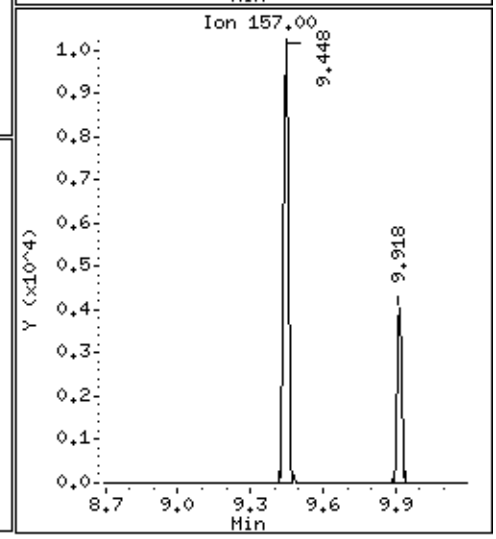












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

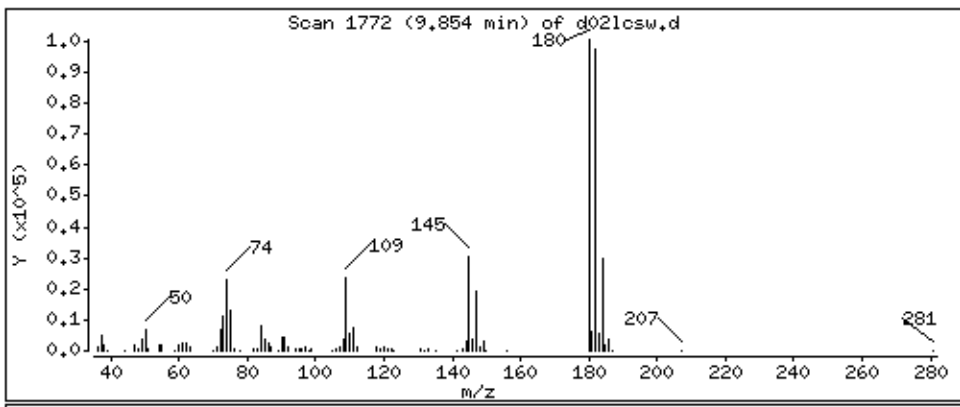
Column phase: DB-624

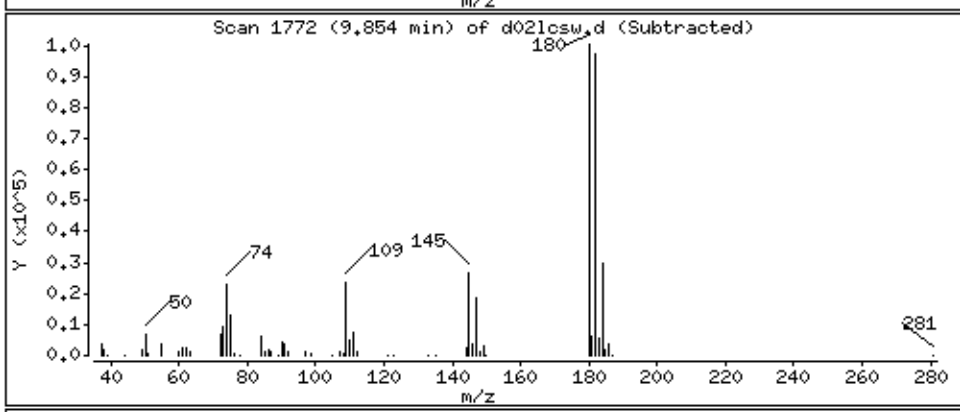
Column diameter: 0.18

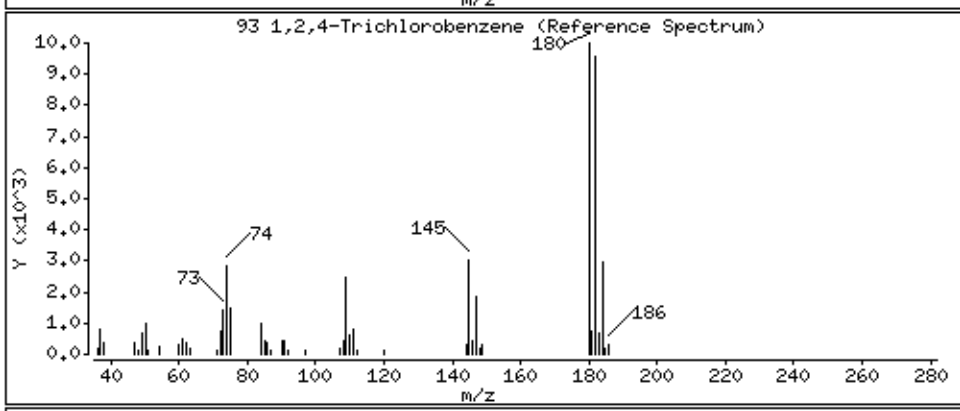
93 1,2,4-Trichlorobenzene

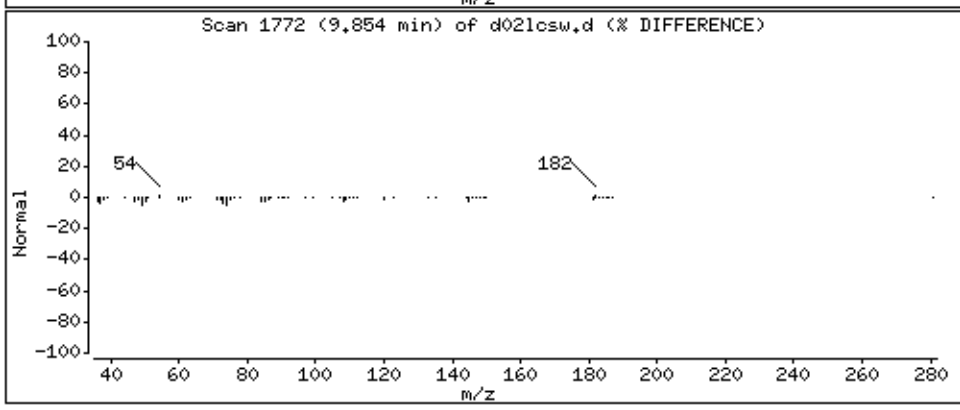
Concentration: 40.8 ppb

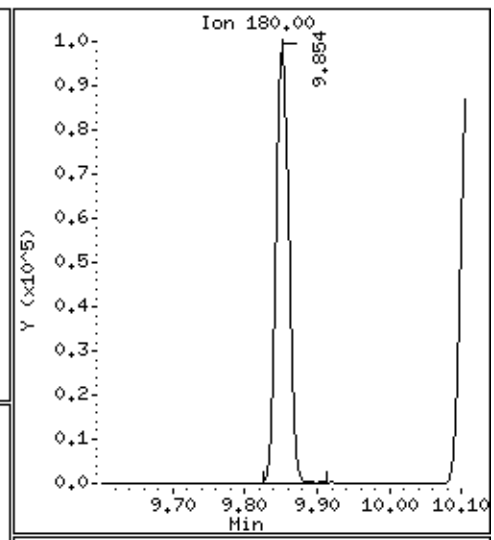
Review Code:

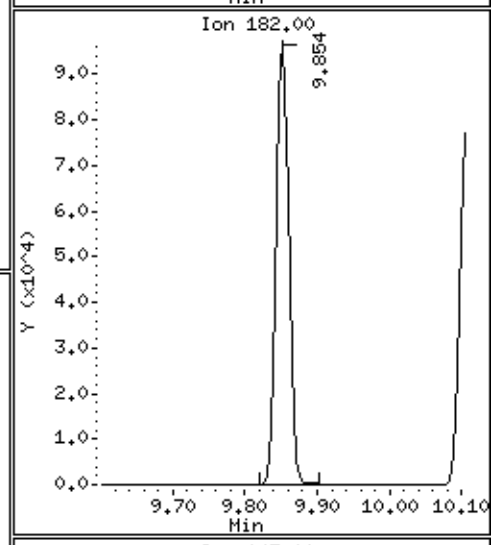


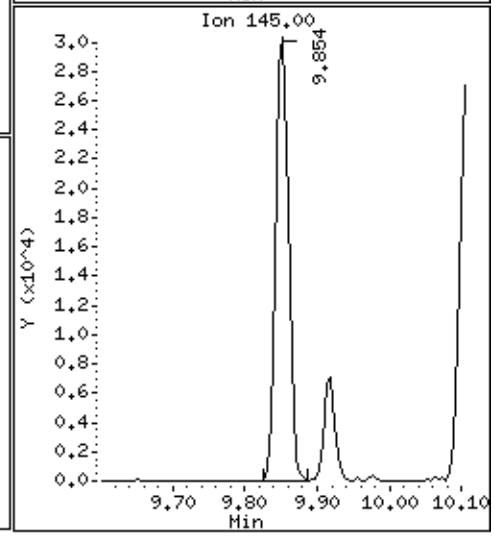












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

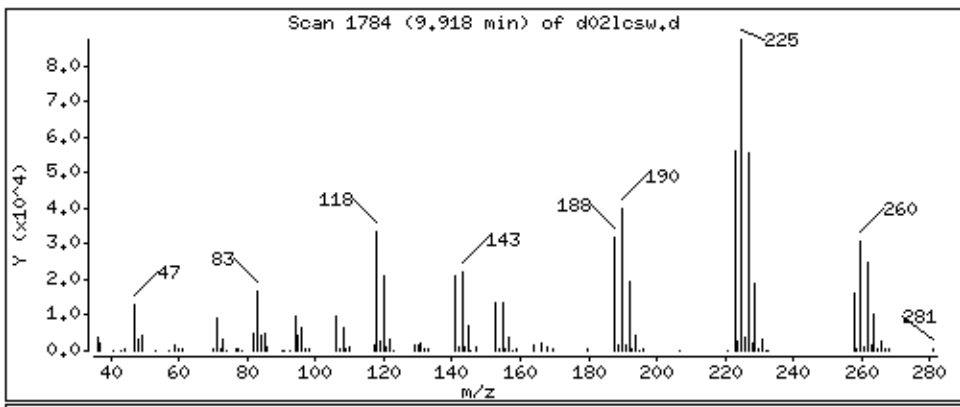
Column phase: DB-624

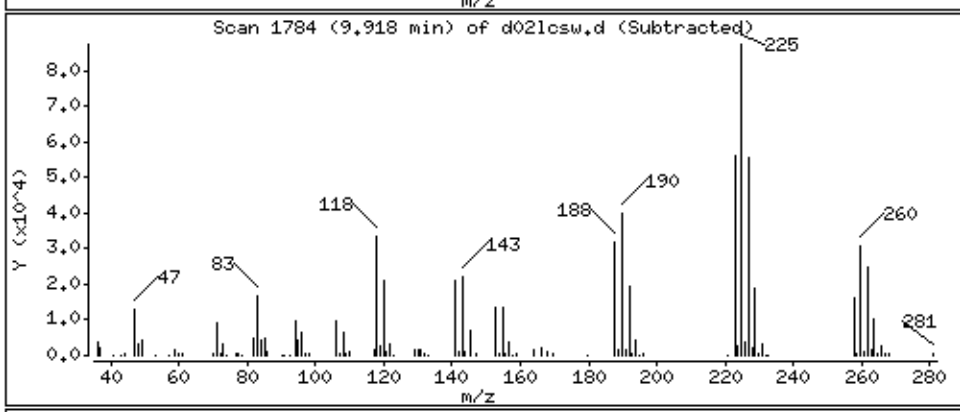
Column diameter: 0.18

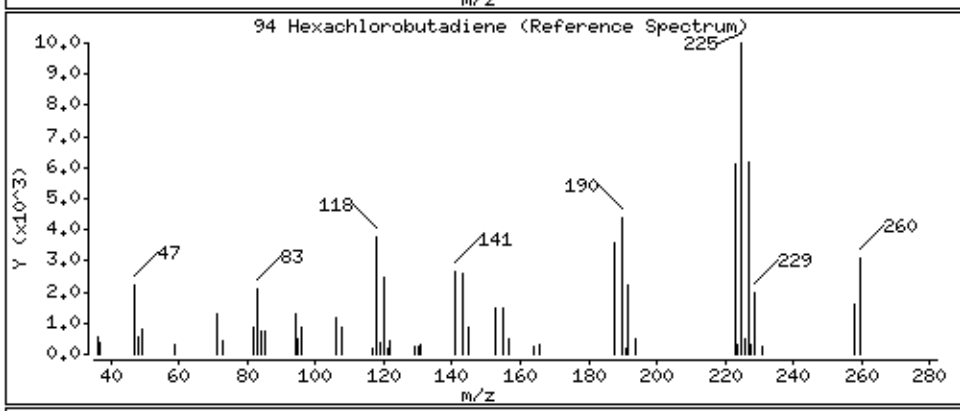
94 Hexachlorobutadiene

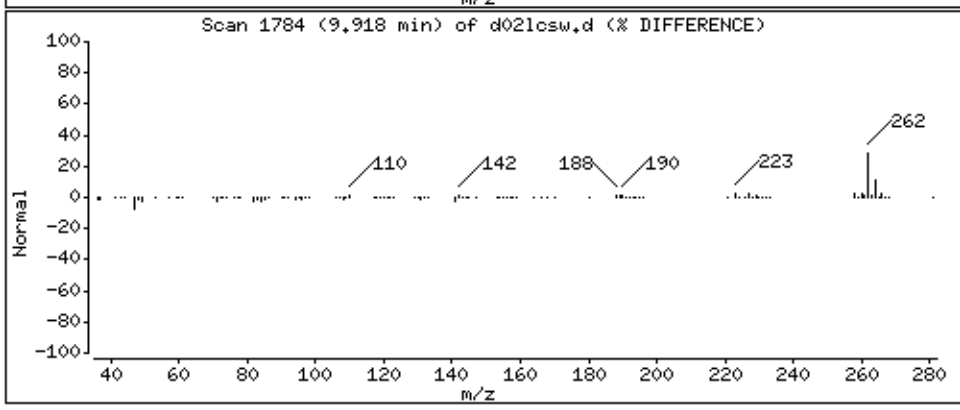
Concentration: 46.1 ppb

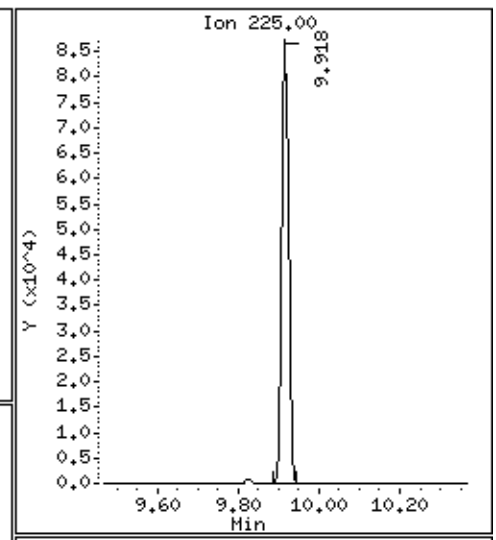
Review Code:

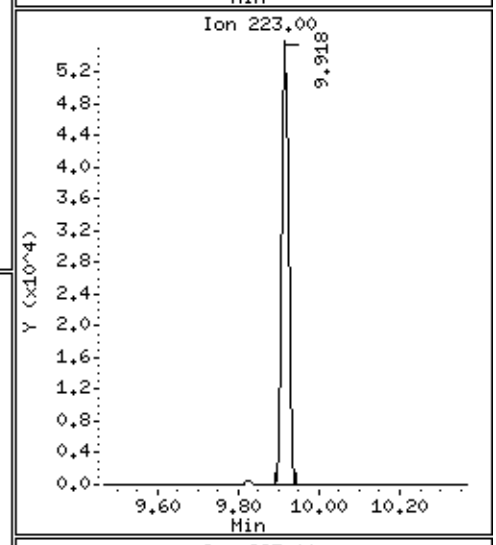


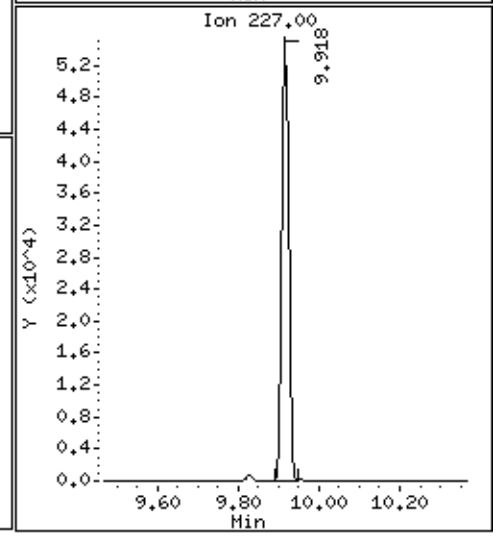












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

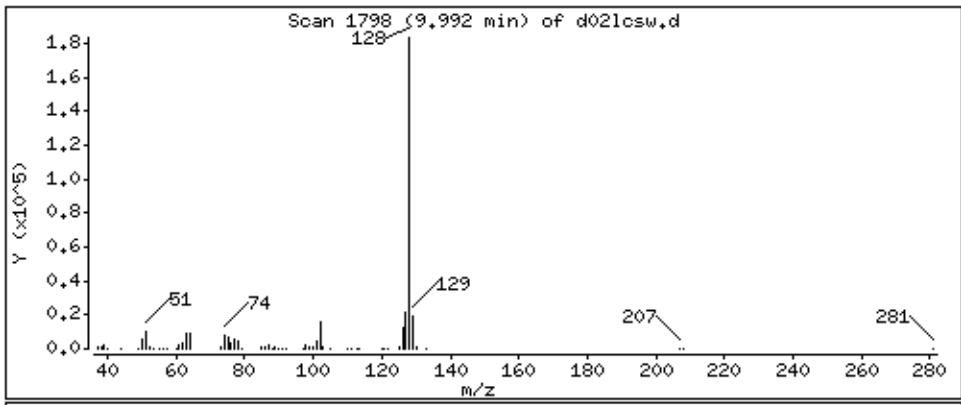
Column phase: DB-624

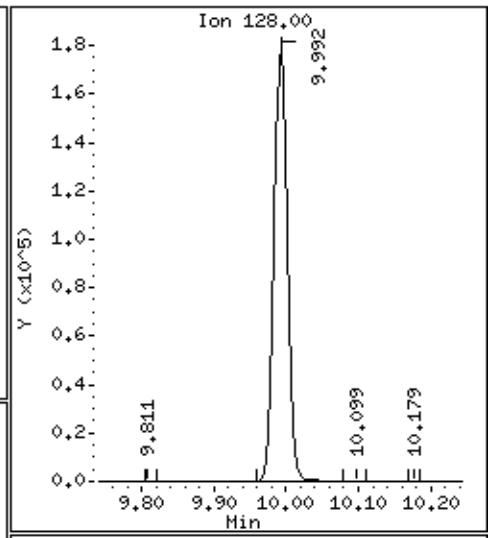
Column diameter: 0.18

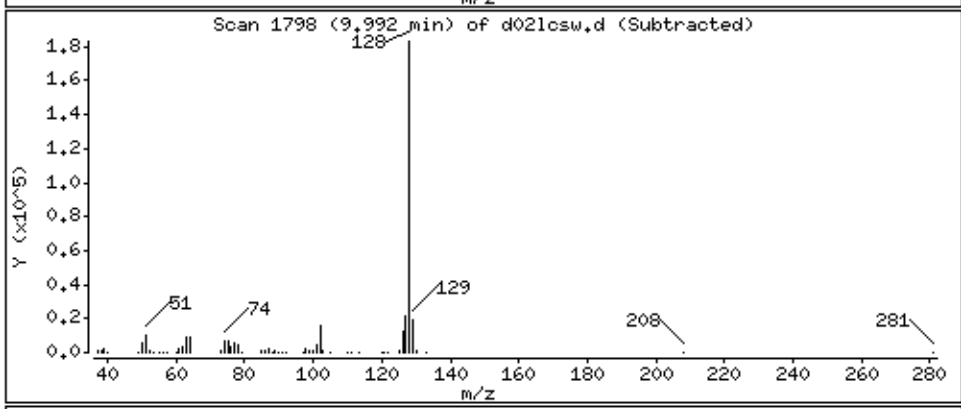
95 Naphthalene

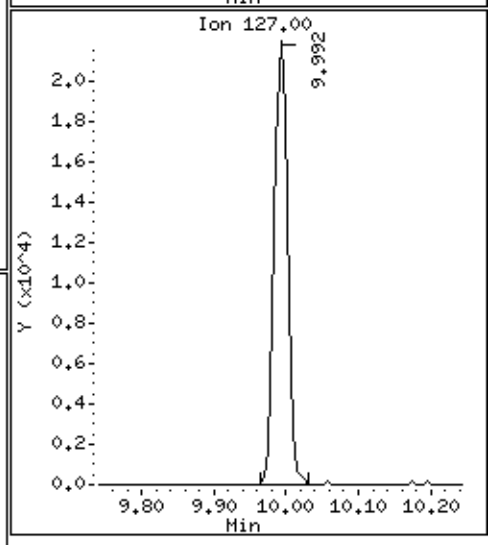
Concentration: 45.0 ppb

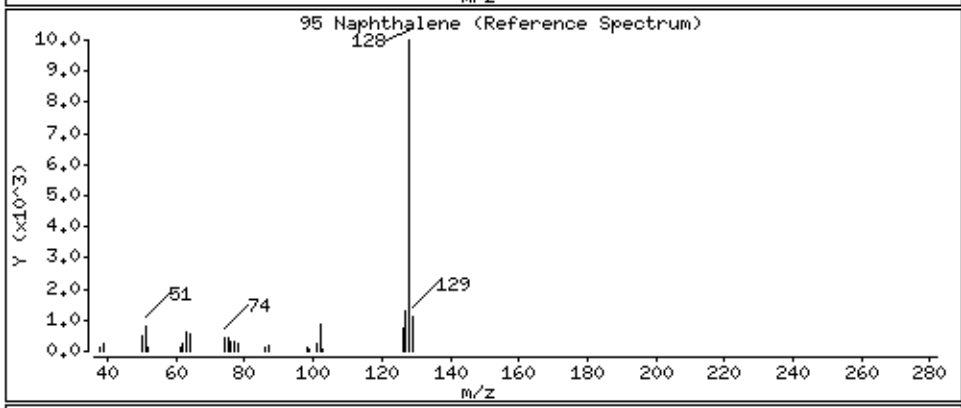
Review Code:

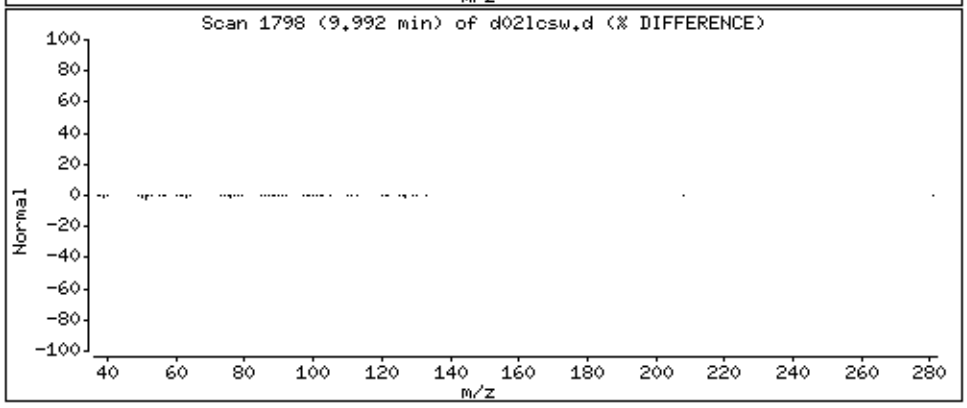












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

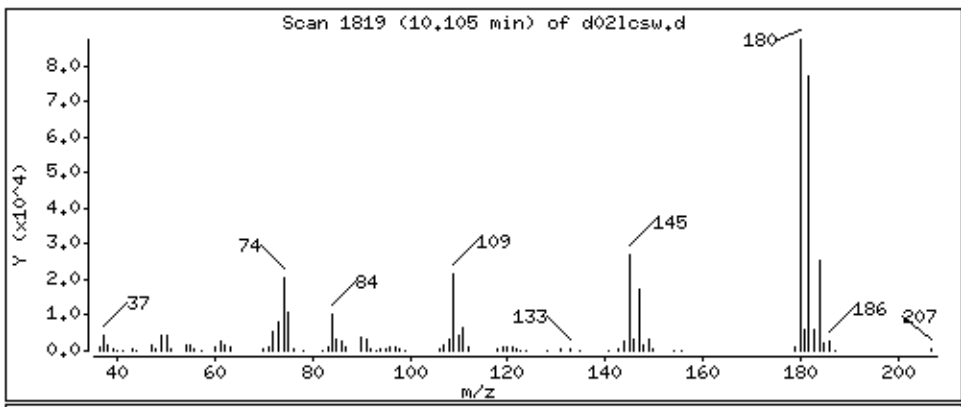
Column phase: DB-624

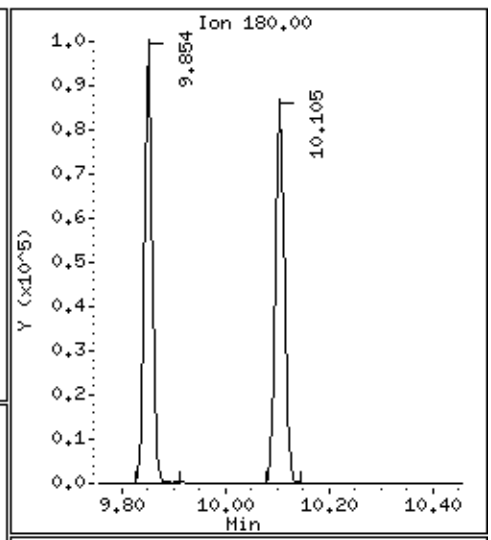
Column diameter: 0.18

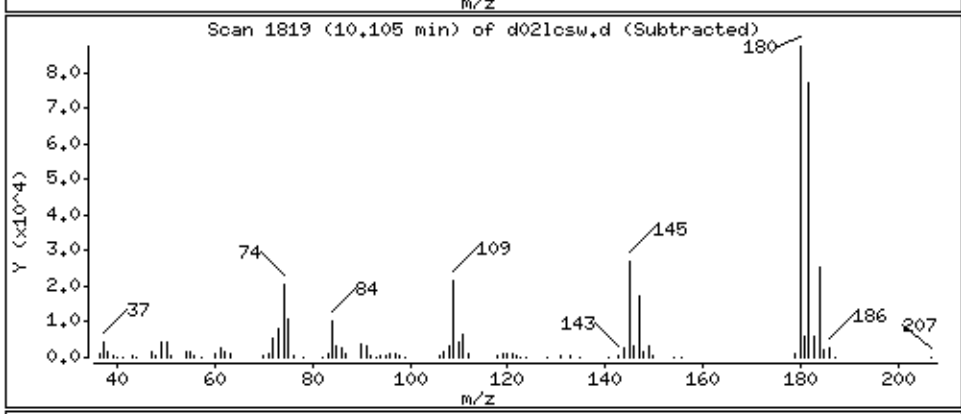
96 1,2,3-Trichlorobenzene

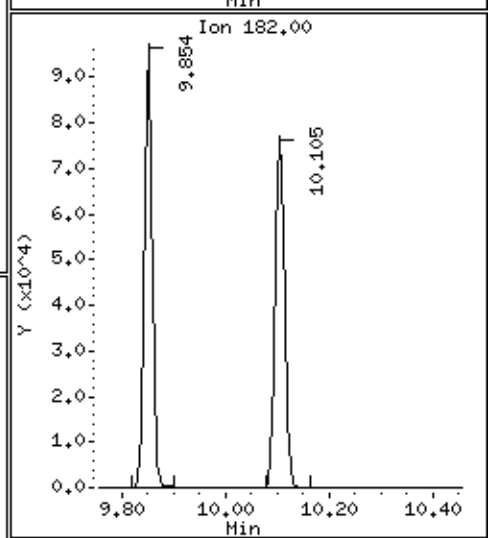
Concentration: 44.3 ppb

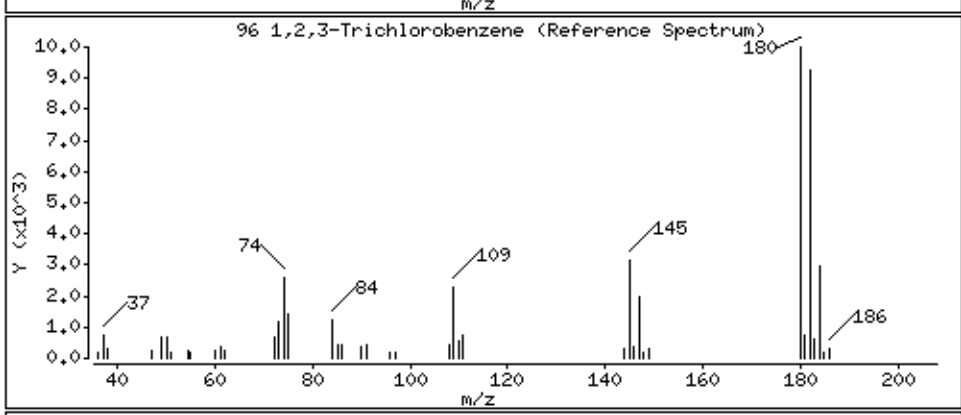
Review Code:

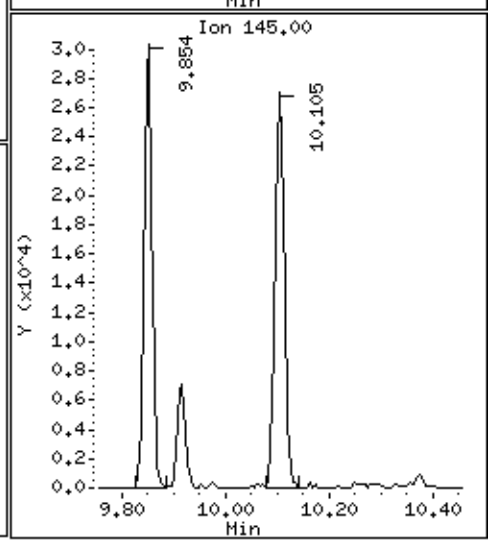


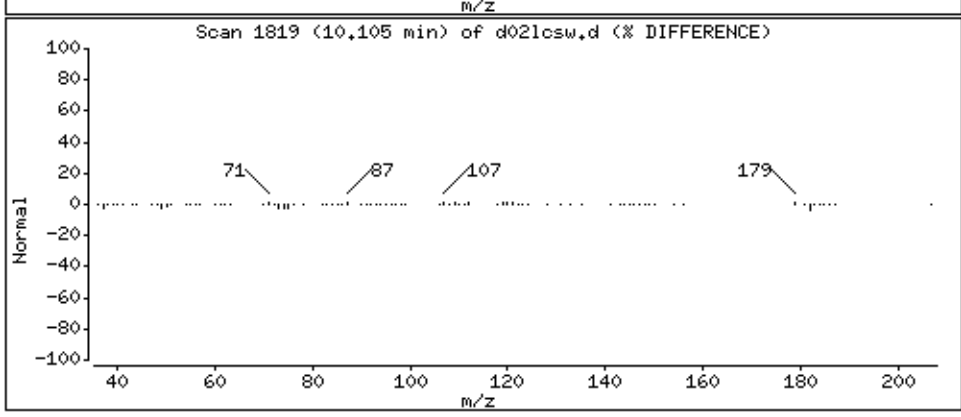












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

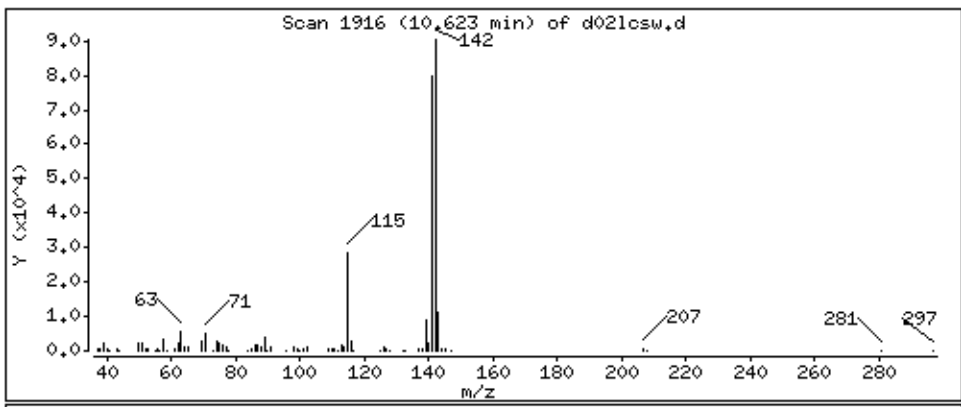
Column phase: DB-624

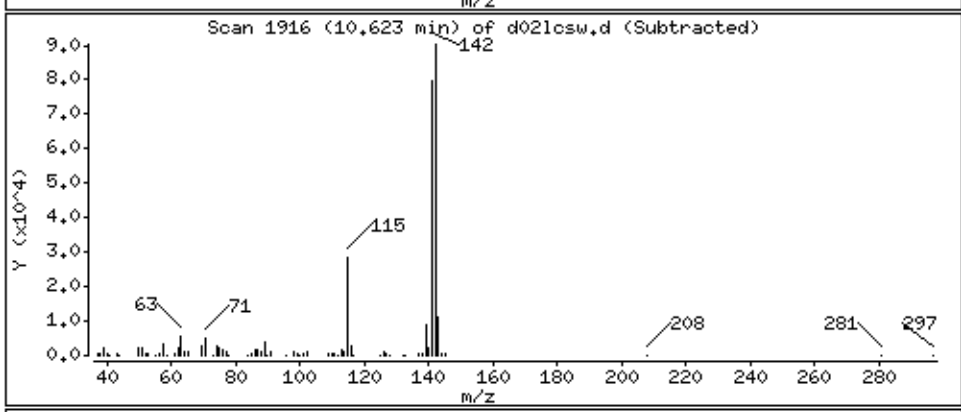
Column diameter: 0.18

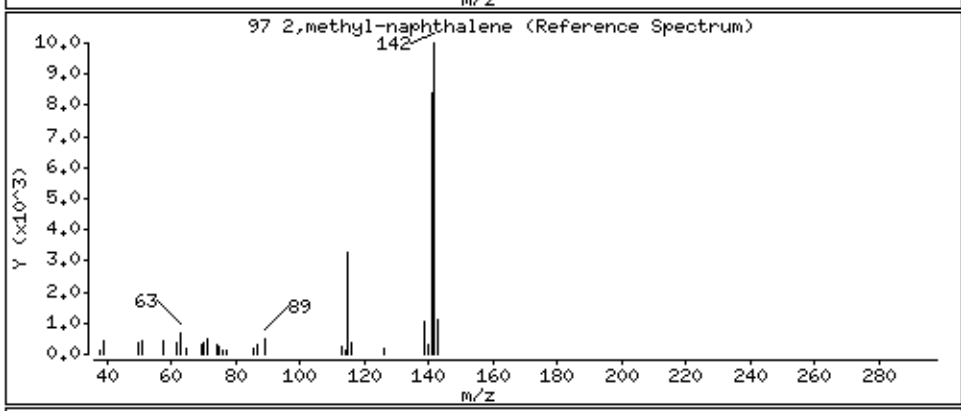
97 2,methyl-naphthalene

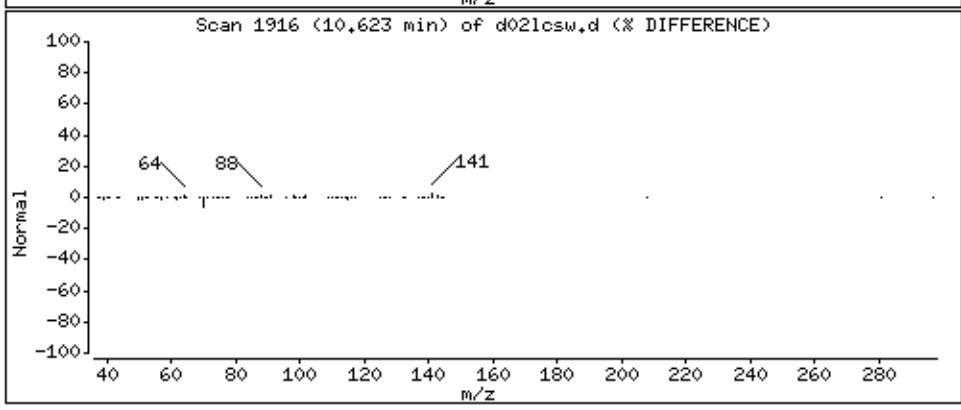
Concentration: 47.2 ppb

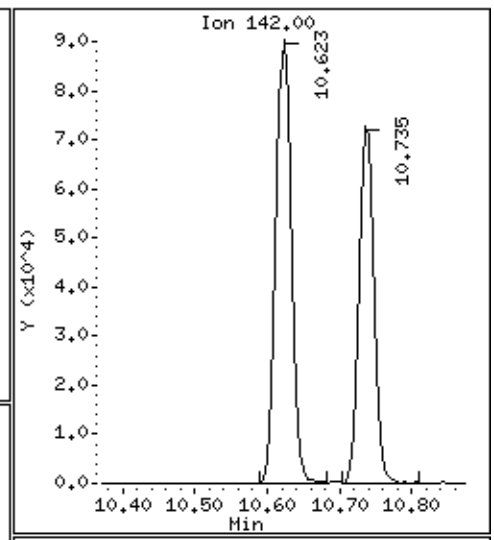
Review Code:

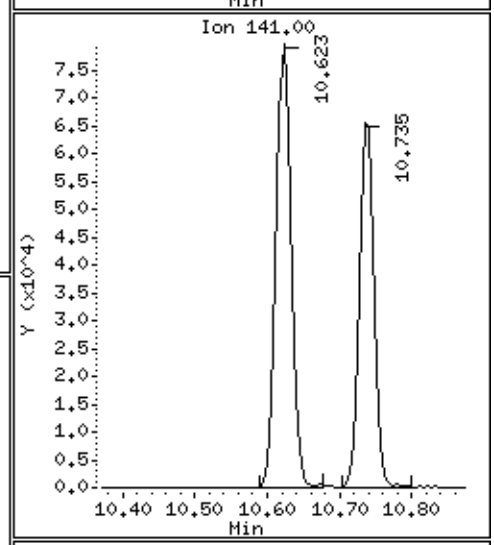


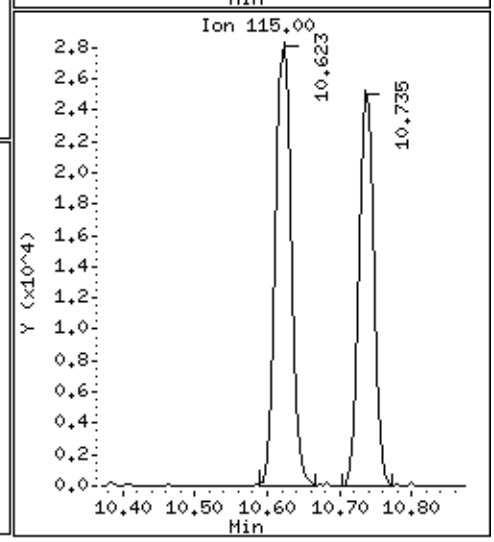












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

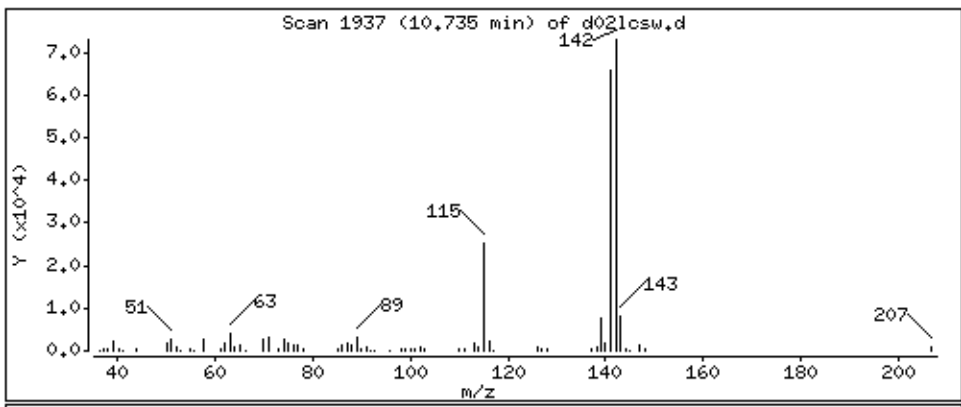
Column phase: DB-624

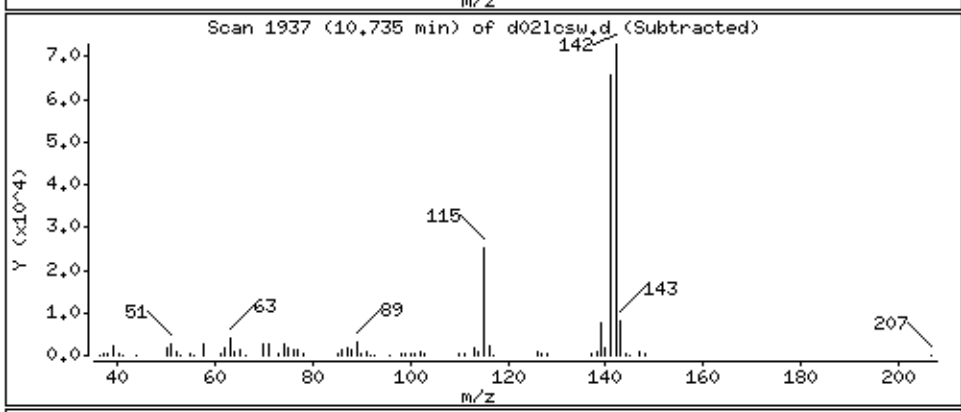
Column diameter: 0.18

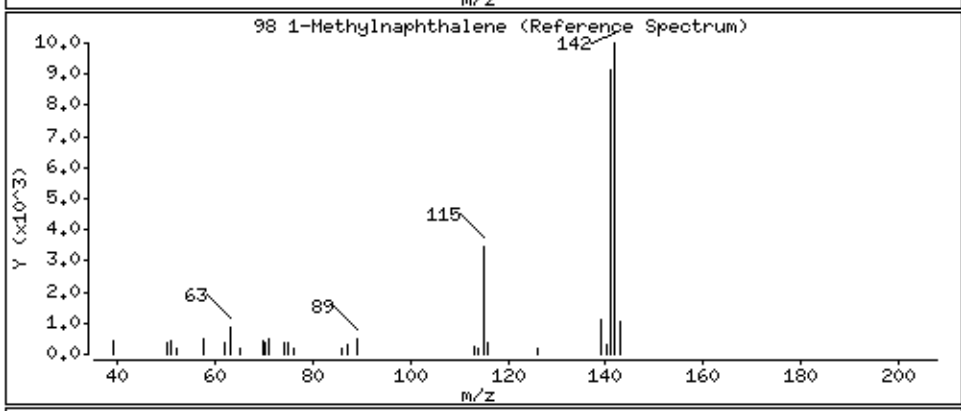
98 1-Methylnaphthalene

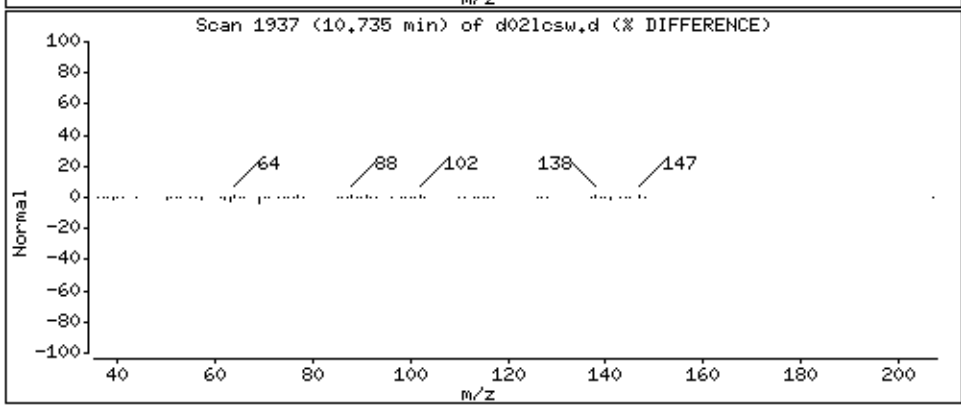
Concentration: 51.8 ppb

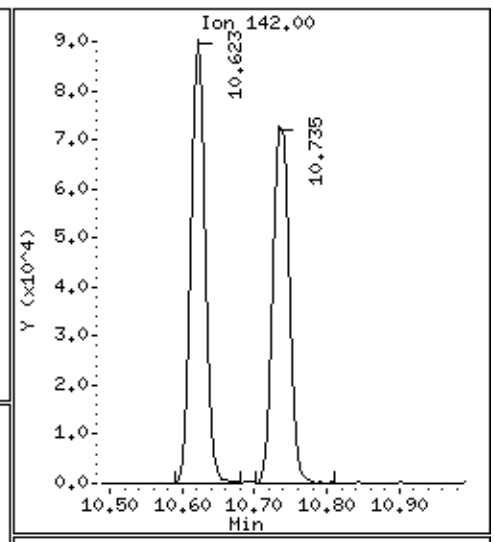
Review Code:

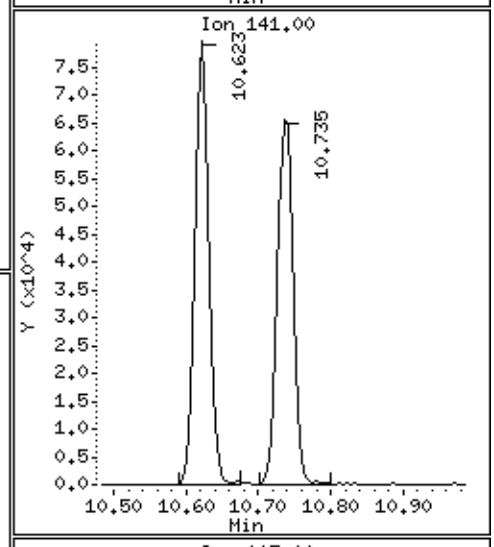


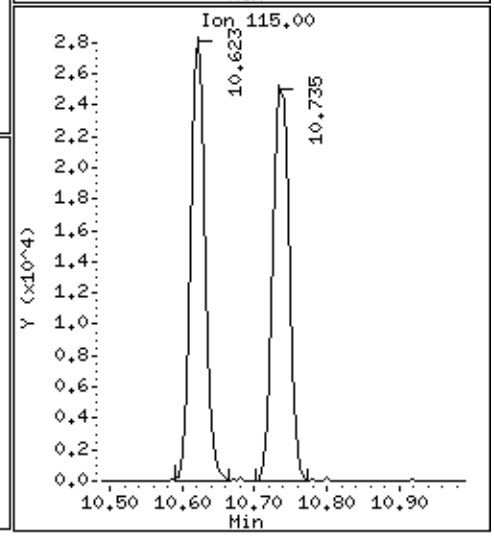












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

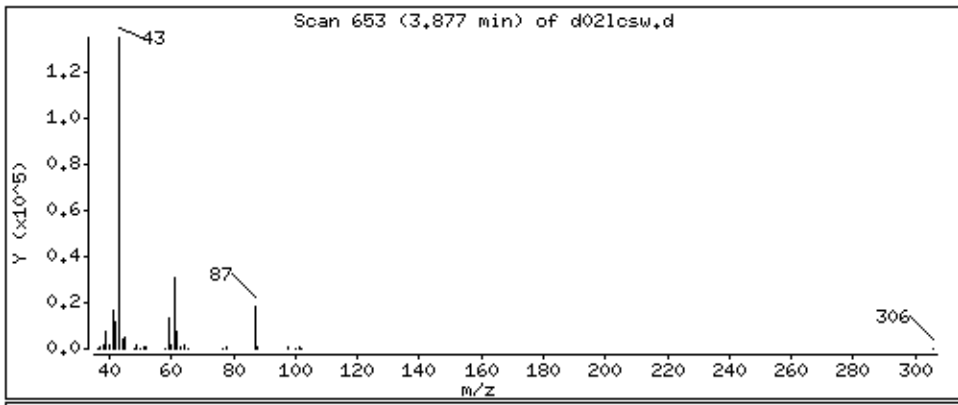
Column phase: DB-624

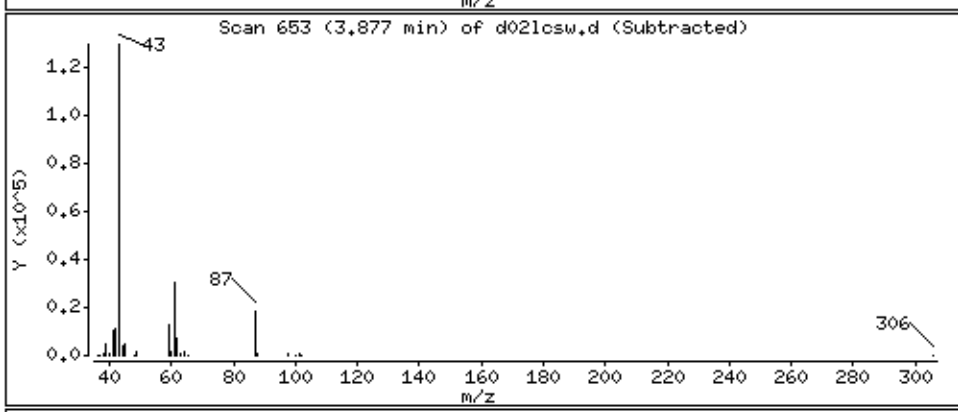
Column diameter: 0.18

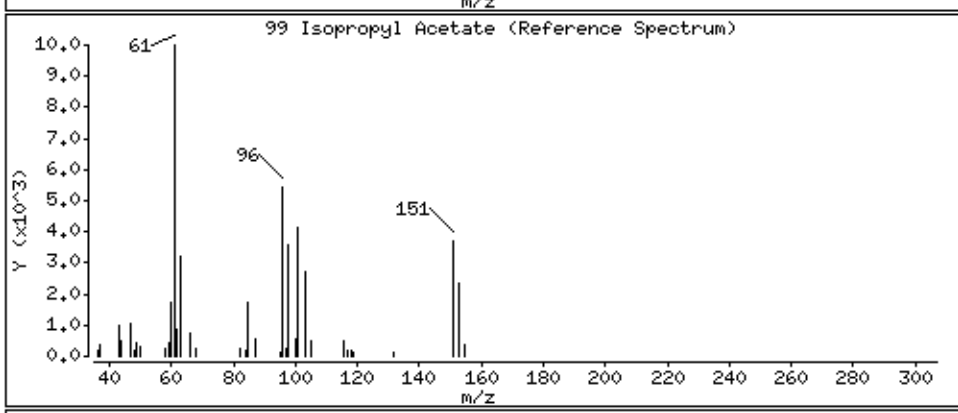
99 Isopropyl Acetate

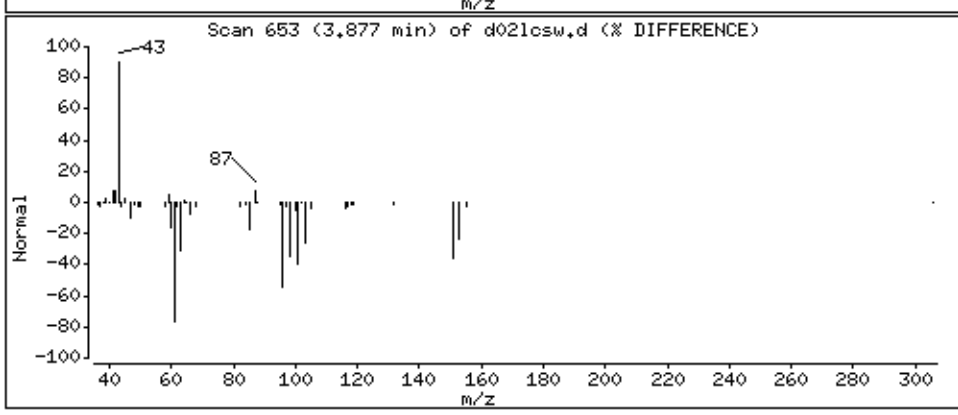
Concentration: 232 ppb

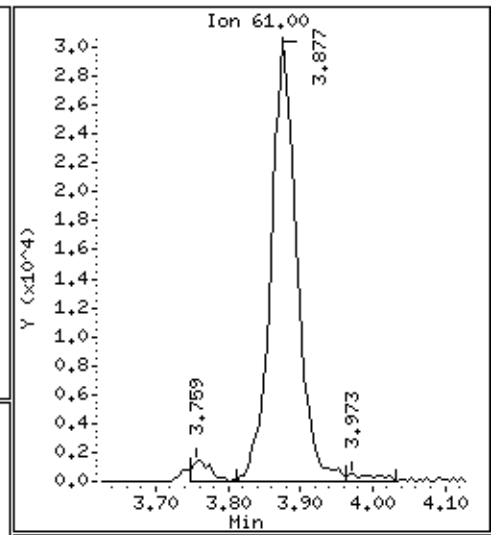
Review Code:

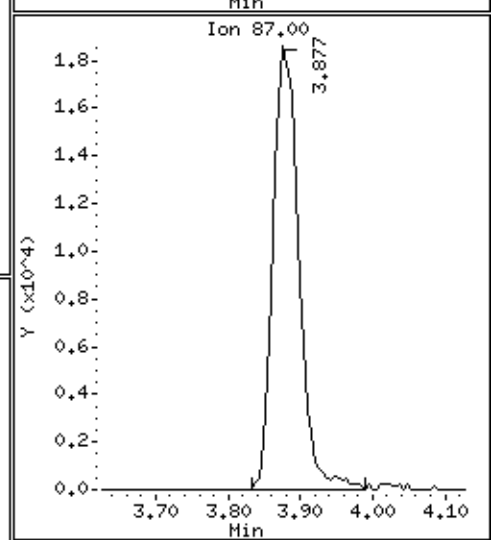


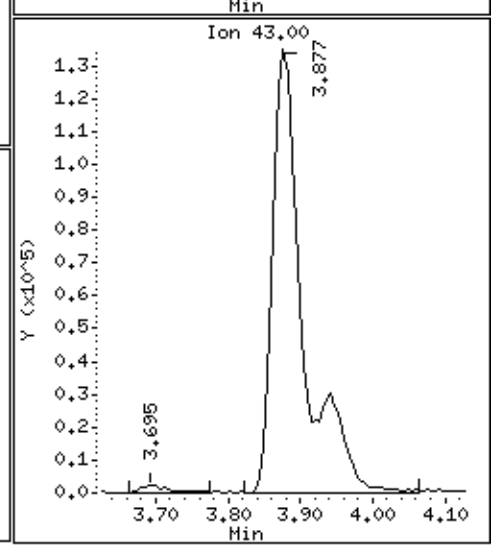












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

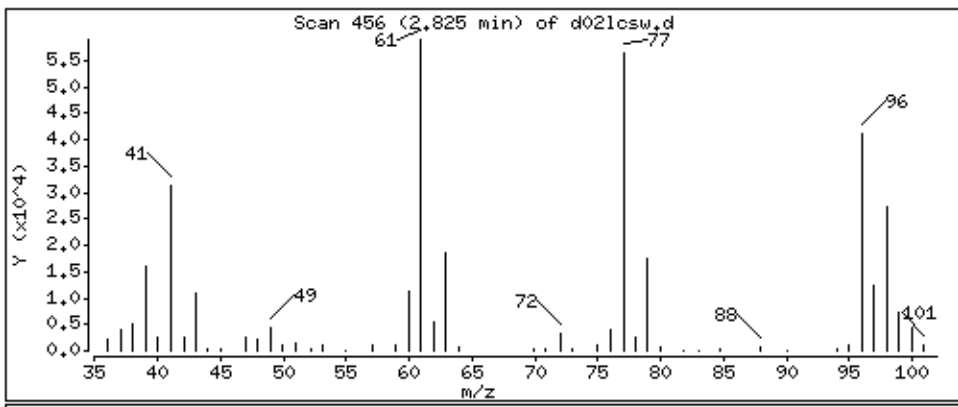
Column phase: DB-624

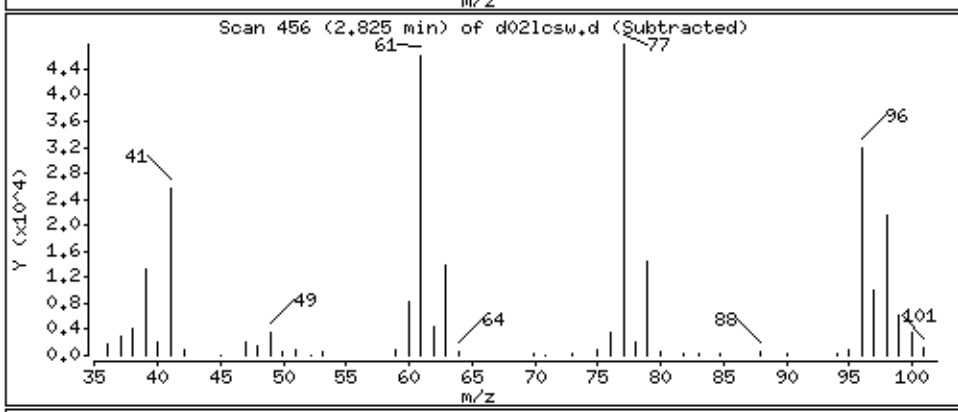
Column diameter: 0.18

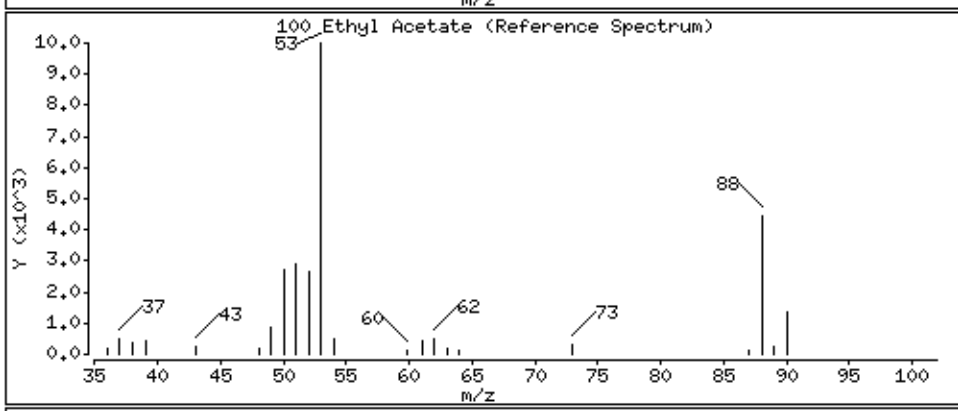
100 Ethyl Acetate

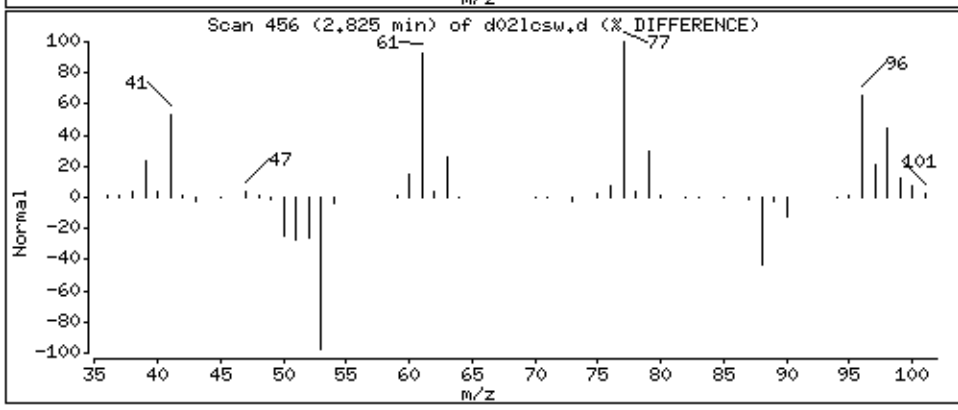
Concentration: 35.3 ppb

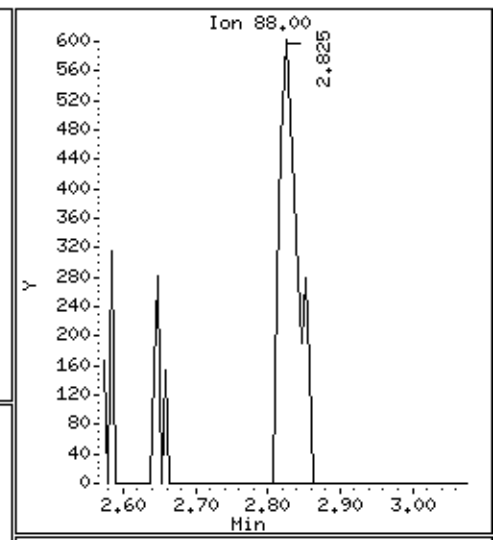
Review Code:

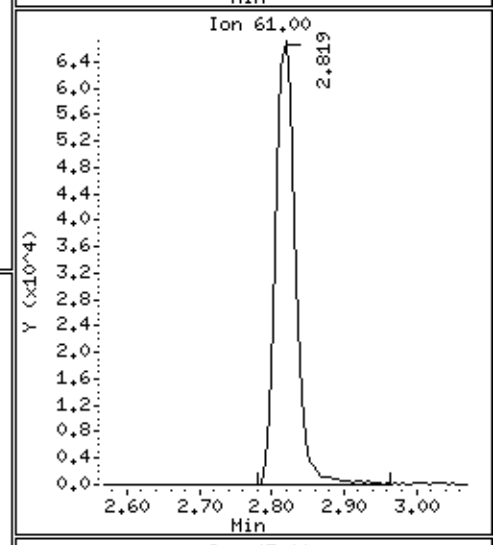


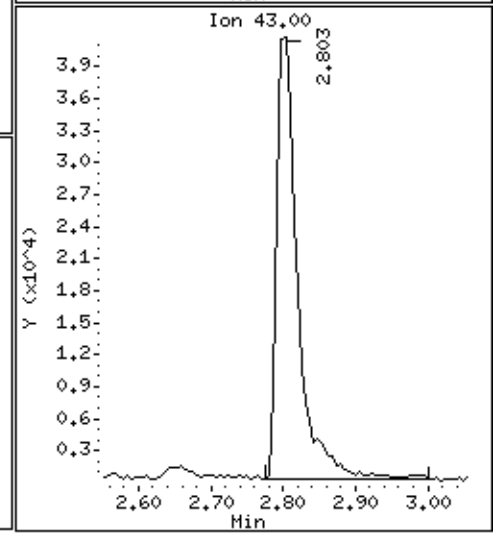












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d02lcsw.d

Date : 05-OCT-2017 23:12

Client ID: MBLCS

Instrument: 50mv3b.i

Sample Info: 1882369,159793:5

Purge Volume: 5.0

Operator: jlz

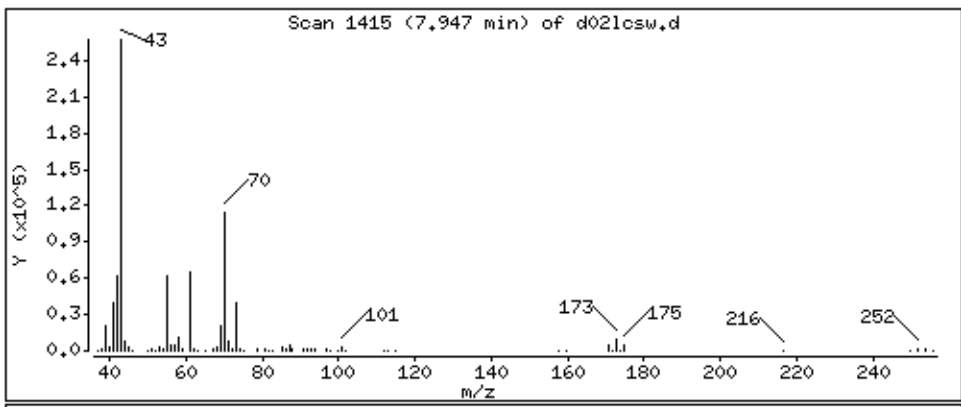
Column phase: DB-624

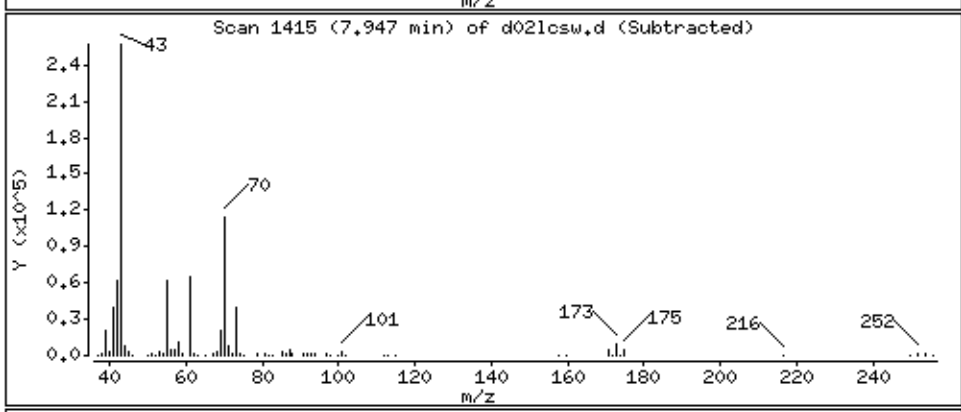
Column diameter: 0.18

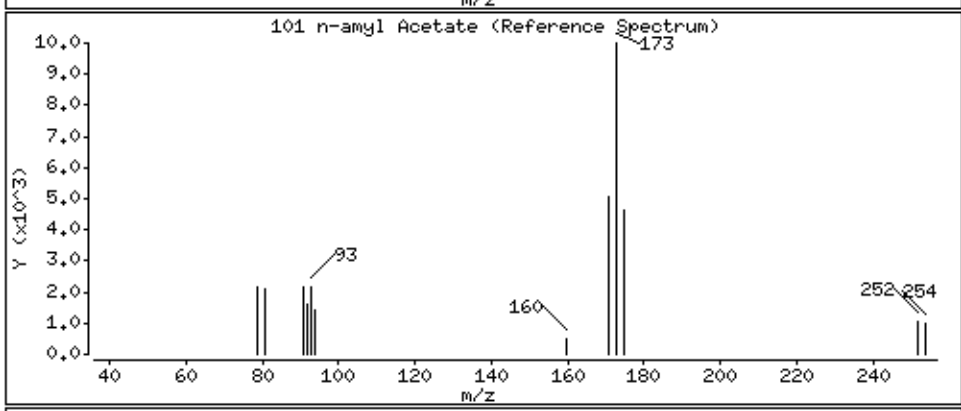
101 n-amyl Acetate

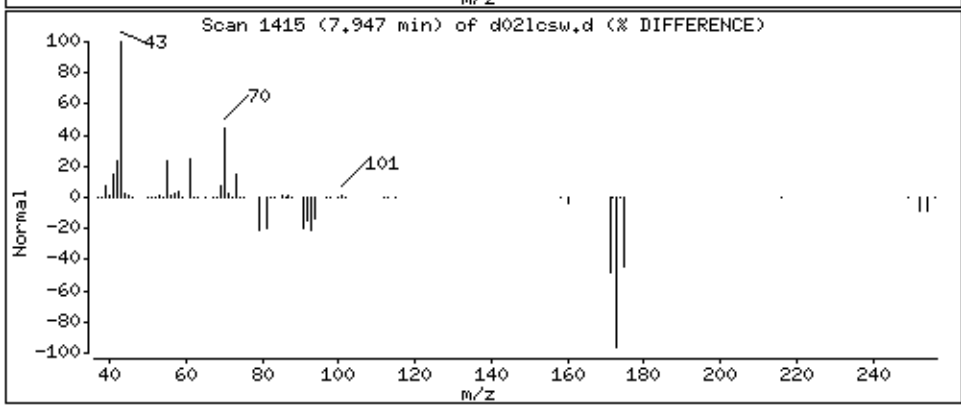
Concentration: 34.2 ppb

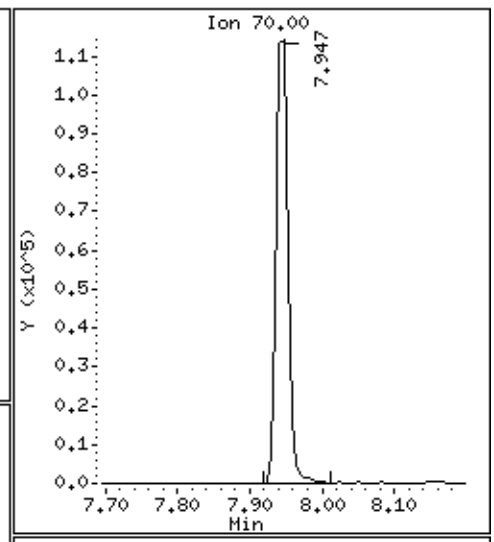
Review Code:

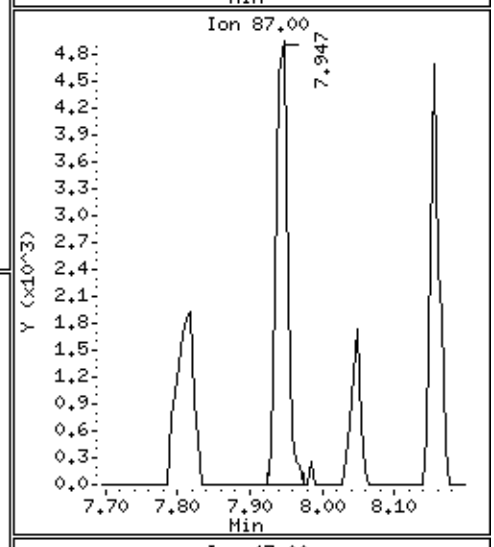


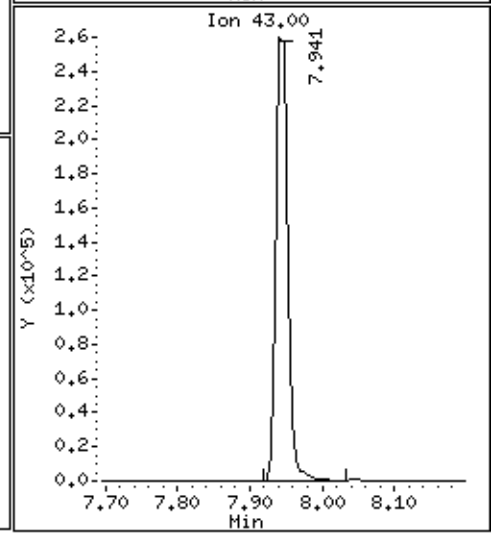












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d02lcsw.d
Injection Date: 05-OCT-2017 23:12
Instrument: 50mv3b.i
Lab Sample ID: 1882369
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:32 Lab Sample ID: 1882370

Date Analyzed: 10/06/2017 04:32 Lab File ID: B100517.B\D12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	273	
71-43-2	Benzene	41.6	
75-27-4	Bromodichloromethane	41.4	
75-25-2	Bromoform	45.7	
74-83-9	Bromomethane	46.5	
78-93-3	2-Butanone (MEK)	291	
75-15-0	Carbon disulfide	37.8	
56-23-5	Carbon tetrachloride	39.2	
108-90-7	Chlorobenzene	35.1	
75-00-3	Chloroethane	39.3	
67-66-3	Chloroform	41.4	
74-87-3	Chloromethane	41.6	
110-82-7	Cyclohexane	36	J
96-12-8	1,2-Dibromo-3-chloropropane	48.6	
124-48-1	Dibromochloromethane	48.4	
106-93-4	1,2-Dibromoethane (EDB)	49.6	
95-50-1	1,2-Dichlorobenzene	32.7	
541-73-1	1,3-Dichlorobenzene	26.9	
106-46-7	1,4-Dichlorobenzene	26.5	
75-71-8	Dichlorodifluoromethane	52.0	
75-34-3	1,1-Dichloroethane	40.0	
107-06-2	1,2-Dichloroethane	41.7	
75-35-4	1,1-Dichloroethene	41.8	
156-59-2	cis-1,2-Dichloroethene	44.1	
156-60-5	trans-1,2-Dichloroethene	41.2	
78-87-5	1,2-Dichloropropane	42.6	
10061-01-5	cis-1,3-Dichloropropene	40.6	
10061-02-6	trans-1,3-Dichloropropene	40.9	
100-41-4	Ethylbenzene	28.7	
591-78-6	2-Hexanone	261	
98-82-8	Isopropylbenzene (Cumene)	26.1	
79-20-9	Methyl acetate	75.8	
108-87-2	Methylcyclohexane	33.3	J
75-09-2	Methylene Chloride	53.3	
108-10-1	4-Methyl-2-pentanone (MIBK)	243	
1634-04-4	Methyl-tert-butyl ether	46.4	
100-42-5	Styrene	29.7	

SAMPLE NO.

MS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 04:32 Lab Sample ID: 1882370

Date Analyzed: 10/06/2017 04:32 Lab File ID: B100517.B\D12.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	45.6	
127-18-4	Tetrachloroethene	31.6	
108-88-3	Toluene	35.7	
120-82-1	1,2,4-Trichlorobenzene	26.7	
71-55-6	1,1,1-Trichloroethane	38.0	
79-00-5	1,1,2-Trichloroethane	46.4	
79-01-6	Trichloroethene	36.3	
75-69-4	Trichlorofluoromethane	48.1	
76-13-1	1,1,2-Trichlorotrifluoroethane	43.0	
75-01-4	Vinyl chloride	44.8	
1330-20-7	Xylene (Total)	84.4	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d
Lab Smp Id: 1882370 Client Smp ID: MW-0501-S1 (092717)
Inj Date : 06-OCT-2017 04:32
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1882370,159793:5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 72 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	0.916	0.916	(0.220)	116163	51.9874	52.0	
2 Chloromethane	50	0.996	0.996	(0.239)	113244	41.6410	41.6	
3 Vinyl Chloride	62	1.044	1.044	(0.251)	124203	44.8202	44.8	
4 Bromomethane	94	1.188	1.189	(0.285)	56068	46.4704	46.5	
5 Chloroethane	64	1.236	1.237	(0.297)	67707	39.2636	39.3	
6 Trichlorofluoromethane	101	1.348	1.349	(0.324)	147257	48.1353	48.1	
7 Diethyl ether	74	1.471	1.472	(0.353)	39471	47.1342	47.1	
8 1,2-dichlorotrifluoroethane	67	1.487	1.488	(0.357)	103068	38.1920	38.2	
9 Acrolein	56	1.541	1.541	(0.370)	157295	1077.81	1080	
10 1,1,2trichlorotrifluoroethane	101	1.594	1.600	(0.383)	94620	43.0031	43.0	
11 1,1-Dichloroethene	96	1.599	1.600	(0.384)	73451	41.8331	41.8	
12 Acetone	43	1.610	1.611	(0.387)	72426	272.808	273	
13 Iodomethane	142	1.685	1.685	(0.405)	193759	97.7434	97.7	
14 Carbon Disulfide	76	1.733	1.733	(0.416)	238565	37.7797	37.8	
15 Methyl Acetate	43	1.781	1.782	(0.428)	53105	75.7686	75.8	
16 allyl chloride	41	1.792	1.792	(0.430)	236650	86.5662	86.6	
17 Acetonitrile	39	1.792	1.792	(0.430)	157511	38.5571	38.6	
18 Methylene Chloride	84	1.866	1.867	(0.448)	86929	53.3485	53.3	
19 tert-Butyl Alcohol	59	1.909	1.910	(0.459)	9801	87.0729	87.1(Q)	
20 Acrylonitrile	53	2.000	2.000	(0.480)	57749	191.559	192	
21 Methyl-tert-butyl ether	73	2.027	2.027	(0.487)	176969	46.4245	46.4	
22 1,2-Dichloroethene (trans)	96	2.043	2.043	(0.491)	79688	41.2482	41.2	
23 n-Hexane	57	2.224	2.225	(0.534)	139062	37.2365	37.2	

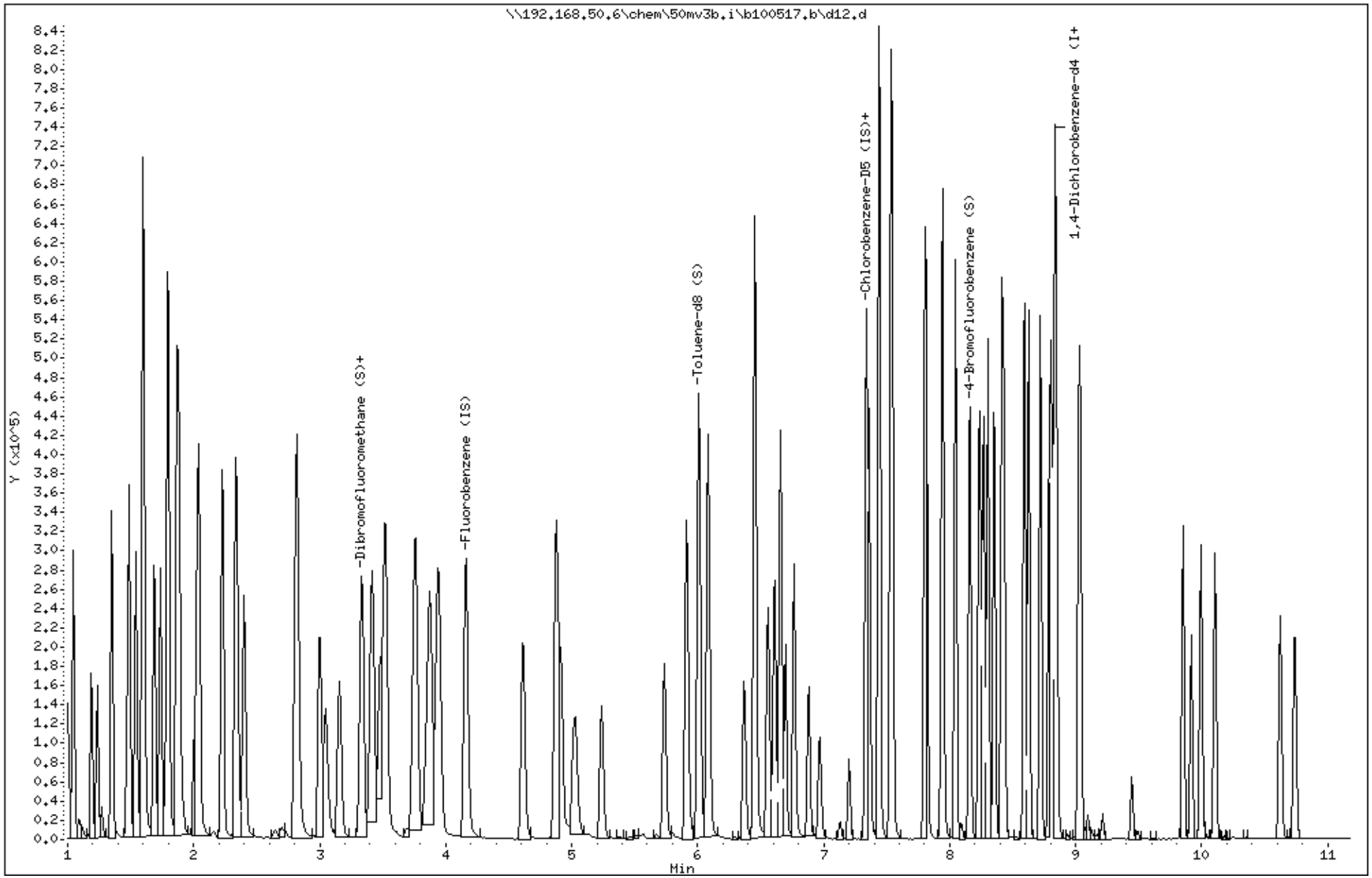
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ppb)	REVIEW C
	24 Vinyl Acetate	43	2.331	2.332	(0.560)	308798	134.562	134(R)	
	25 1,1-Dichloroethane	63	2.342	2.342	(0.563)	135039	39.9880	40.0	
	26 Chloroprene	53	2.400	2.401	(0.577)	117843	35.6026	35.6	
	27 2-Butanone	72	2.801	2.796	(0.673)	24824	291.012	291(Q)	
	28 1,2-Dichloroethene (cis)	96	2.817	2.818	(0.677)	89431	44.0631	44.1(Q)	
	29 2,2-Dichloropropane	77	2.822	2.823	(0.678)	113645	36.3227	36.3	
	31 Methacrylonitrile	41	2.999	3.005	(0.720)	103705	195.644	196	
	32 Bromochloromethane	49	3.047	3.047	(0.732)	53469	44.6778	44.7	
	33 Tetrahydrofuran	42	3.073	3.069	(0.738)	10911	41.8391	41.8	
	34 Chloroform	83	3.154	3.160	(0.758)	134435	41.4040	41.4	
$	35 Dibromofluoromethane (S)	113	3.330	3.330	(0.800)	66681	46.6749	46.7	
	36 1,1,1-Trichloroethane	97	3.330	3.330	(0.800)	124686	38.0453	38.0	
	37 Cyclohexane	56	3.415	3.416	(0.820)	148175	35.9691	36.0	
	151 n-Butyl chloride	56	3.479	3.480	(0.836)	159241	37.4942	37.5	
	38 Carbon Tetrachloride	117	3.517	3.512	(0.845)	109902	39.1533	39.2	
	39 1,1-Dichloropropene	75	3.522	3.523	(0.846)	107288	37.7498	37.7(R)	
	40 Benzene	78	3.762	3.763	(0.904)	301252	41.6326	41.6	
	41 1,2-Dichloroethane	62	3.843	3.849	(0.923)	77080	41.6725	41.7	
	42 Isobutyl alcohol	43	3.875	3.875	(0.931)	363630	46.9795	47.0	
	43 2,2,4-Trimethylpentane	57	3.939	3.939	(0.946)	340515	40.1547	40.2	
*	44 Fluorobenzene (IS)	96	4.163	4.164	(1.000)	296656	50.0000		
	45 Trichloroethene	95	4.612	4.612	(1.108)	72450	36.2630	36.3(R)	
	46 Methylcyclohexane	55	4.879	4.879	(1.172)	107972	33.3015	33.3(R)	
	47 1,2-Dichloropropane	63	4.916	4.917	(1.181)	72769	42.5808	42.6	
	48 Methyl methacrylate	69	5.034	5.034	(1.209)	33128	49.0376	49.0	
	49 Dibromomethane	93	5.012	5.018	(1.204)	33550	46.1182	46.1	
	50 1,4-Dioxane	88	5.028	5.024	(1.208)	10679	1120.11	1120	
	51 Bromodichloromethane	83	5.242	5.237	(1.259)	88721	41.3960	41.4	
	53 cis-1,3-Dichloropropene	75	5.733	5.734	(0.782)	99057	40.6128	40.6	
	54 4-Methyl-2-Pentanone	43	5.910	5.910	(0.806)	200454	242.909	243	
$	55 Toluene-d8 (S)	98	6.011	6.012	(0.819)	289977	51.1059	51.1	
	56 Toluene	91	6.080	6.081	(0.829)	289542	35.6551	35.6(R)	
	57 trans-1,3-Dichloropropene	75	6.369	6.369	(0.868)	79261	40.9052	40.9	
	58 Ethyl Methacrylate	69	6.454	6.455	(0.880)	282569	194.510	194	
	59 1,1,2-Trichloroethane	83	6.556	6.556	(0.894)	43794	46.3522	46.4	
	60 Tetrachloroethene	166	6.609	6.610	(0.901)	66591	31.5591	31.6(R)	
	61 1,3-Dichloropropane	76	6.695	6.695	(0.913)	89977	50.0721	50.1	
	62 2-Hexanone	43	6.764	6.765	(0.922)	139713	261.354	261	
	63 Dibromochloromethane	129	6.882	6.882	(0.938)	63622	48.3972	48.4	
	64 1,2-Dibromoethane	107	6.962	6.962	(0.949)	50173	49.6185	49.6	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.336	(1.000)	214957	50.0000		
	66 Chlorobenzene	112	7.357	7.358	(1.003)	169295	35.1386	35.1(R)	
	67 1,1,1,2-Tetrachloroethane	131	7.432	7.438	(1.013)	66617	40.7450	40.7	
	68 Ethylbenzene	106	7.442	7.443	(1.015)	94316	28.6897	28.7(R)	
	69 m&p-Xylene	106	7.539	7.539	(1.028)	218160	54.8659	54.9(R)	
	70 o-Xylene	106	7.800	7.801	(1.063)	107241	29.5223	29.5(R)	
	71 Styrene	104	7.816	7.817	(1.066)	182978	29.7204	29.7(R)	
	72 Bromoform	173	7.934	7.934	(0.898)	34484	45.6876	45.7	
	73 Isopropylbenzene	105	8.046	8.047	(1.097)	269048	26.1425	26.1(R)	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.153	(1.112)	101482	47.6029	47.6	
	75 Bromobenzene	77	8.233	8.234	(1.122)	99225	31.7625	31.8(R)	
	76 1,1,2,2-Tetrachloroethane	83	8.249	8.250	(0.934)	57473	45.5697	45.6	
	77 trans-1,4-Dichloro-2-butene	53	8.265	8.266	(1.127)	46357	153.190	153(Q)	
	78 1,2,3-Trichloropropane	110	8.276	8.276	(0.937)	18517	50.1970	50.2(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	n-Propylbenzene	91	8.302	8.303	(0.940)	258921	21.1996	21.2(R)	
80	2-Chlorotoluene	91	8.350	8.351	(0.946)	167575	24.2858	24.3(R)	
81	1,3,5-Trimethylbenzene	105	8.415	8.415	(0.953)	190317	22.3202	22.3(R)	
82	4-Chlorotoluene	126	8.425	8.426	(0.954)	56734	25.4735	25.5(R)	
83	tert-Butylbenzene	119	8.596	8.591	(0.973)	183718	18.5659	18.6(R)	
84	1,2,4-Trimethylbenzene	105	8.628	8.629	(0.977)	197731	22.8161	22.8(R)	
85	sec-Butylbenzene	105	8.719	8.720	(0.987)	239173	19.6281	19.6(R)	
86	1,3-Dichlorobenzene	146	8.788	8.789	(0.995)	112331	26.8903	26.9(R)	
87	p-Isopropyltoluene	119	8.804	8.805	(0.997)	179356	18.1516	18.2(R)	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.832	(1.000)	111548	50.0000		
89	1,4-Dichlorobenzene	146	8.847	8.848	(1.002)	112672	26.4525	26.4(R)	
90	n-Butylbenzene	91	9.023	9.024	(1.022)	136058	14.8108	14.8(R)	
91	1,2-Dichlorobenzene	146	9.039	9.040	(1.024)	116105	32.6868	32.7(R)	
92	1,2-Dibromo-3-chloropropane	155	9.445	9.446	(1.070)	9527	48.6287	48.6	
93	1,2,4-Trichlorobenzene	180	9.851	9.852	(1.115)	71449	26.7273	26.7(R)	
94	Hexachlorobutadiene	225	9.915	9.916	(1.123)	28112	14.0577	14.0(R)	
95	Naphthalene	128	9.990	9.991	(1.131)	185397	40.7047	40.7	
96	1,2,3-Trichlorobenzene	180	10.108	10.108	(1.145)	70866	31.7452	31.7(R)	
97	2,methyl-naphthalene	142	10.626	10.621	(1.203)	106398	40.9158	40.9	
98	1-Methylnaphthalene	142	10.738	10.738	(1.216)	91553	45.4594	45.4	
99	Isopropyl Acetate	61	3.880	3.875	(0.932)	71532	231.048	231	
101	n-amyl Acetate	70	7.945	7.945	(1.908)	94664	28.0294	28.0	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d
Date : 06-OCT-2017 04:32
Client ID: MW-0501-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 1882370,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

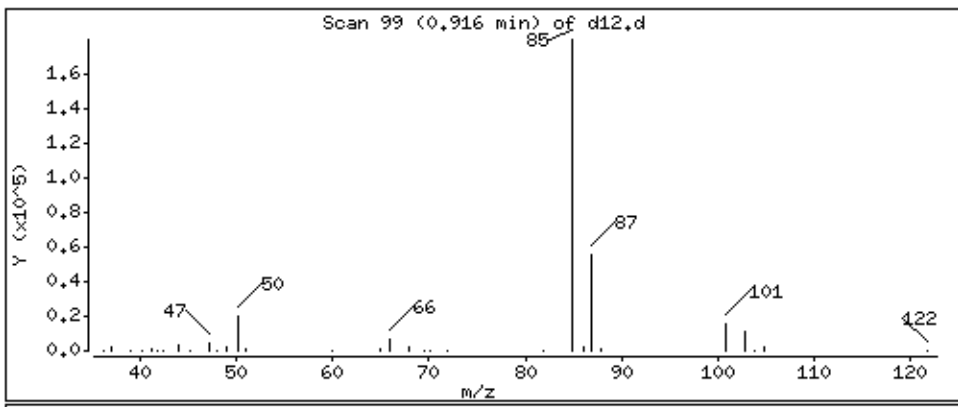
Column phase: DB-624

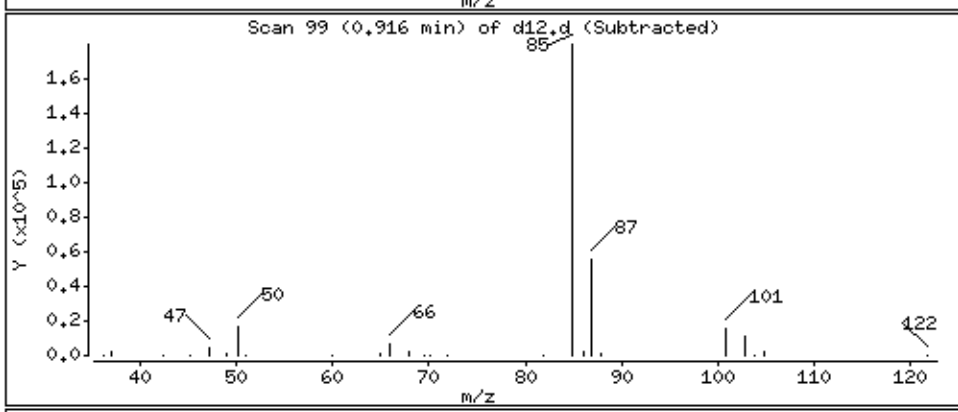
Column diameter: 0.18

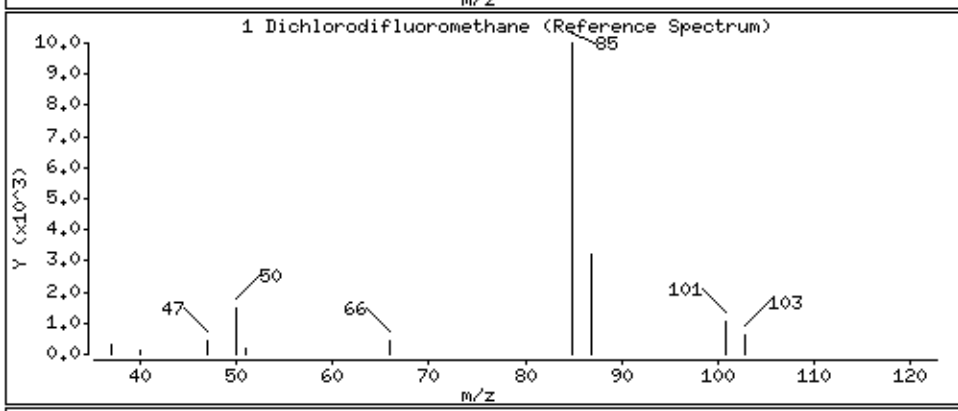
1 Dichlorodifluoromethane

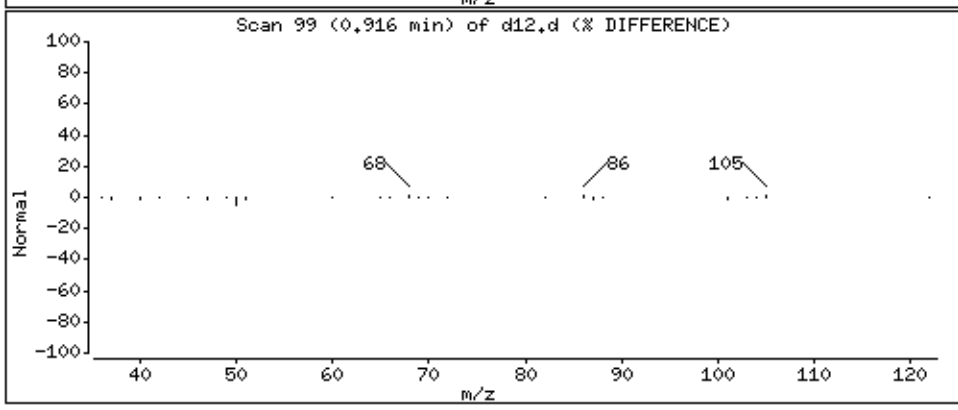
Concentration: 52.0 ppb

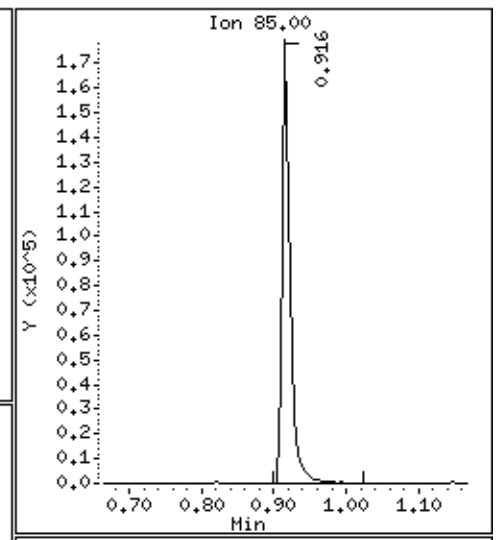
Review Code:

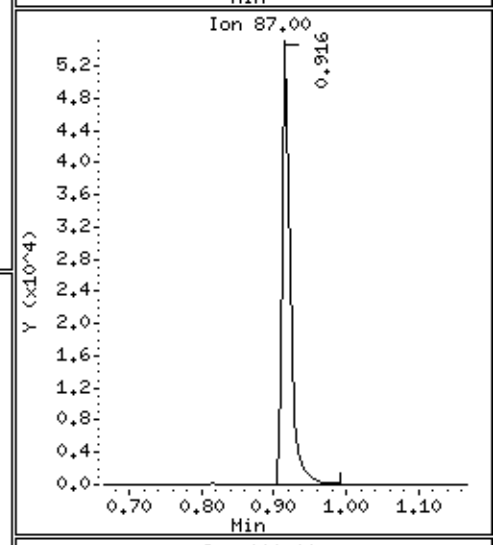


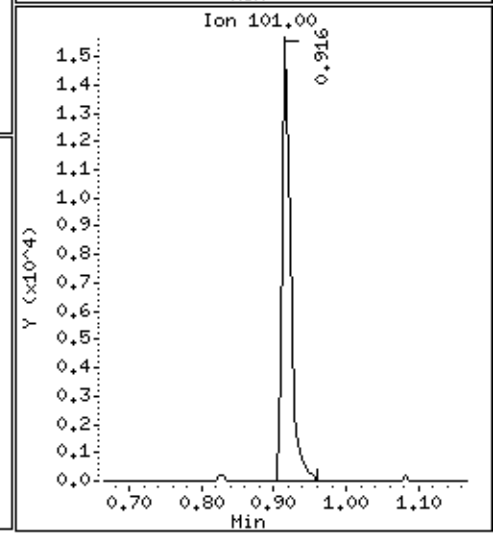












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

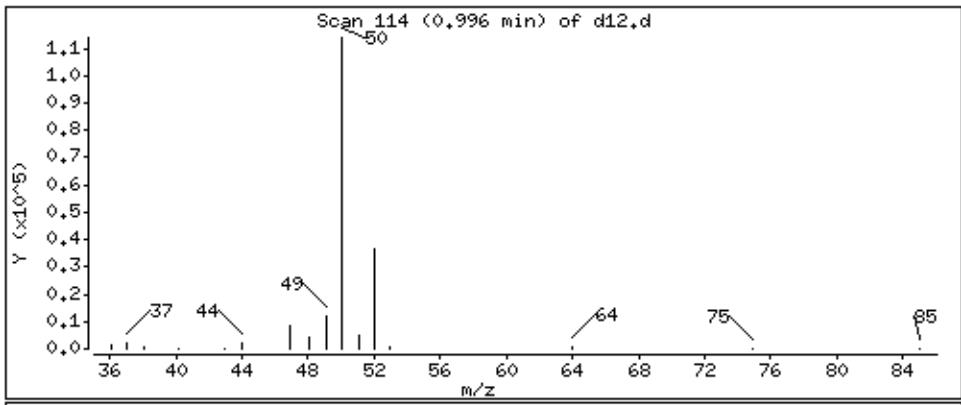
Column phase: DB-624

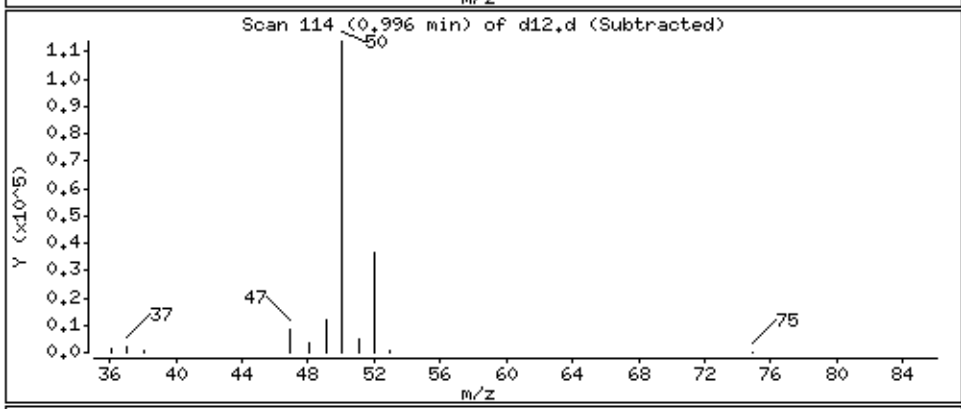
Column diameter: 0.18

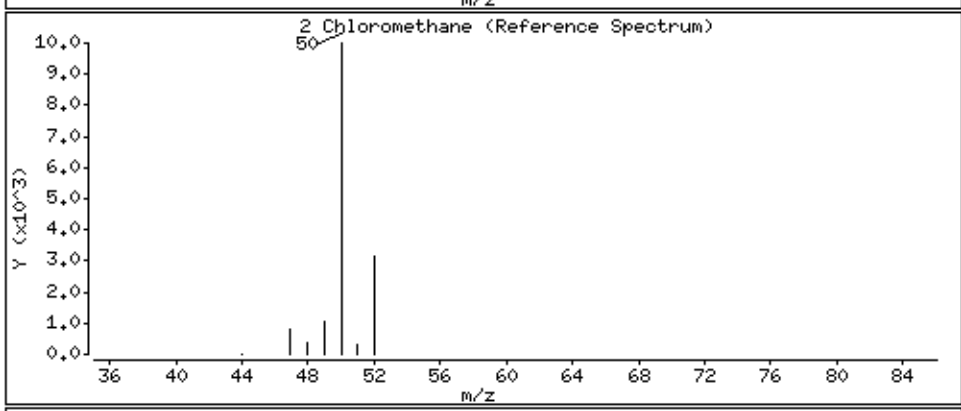
2 Chloromethane

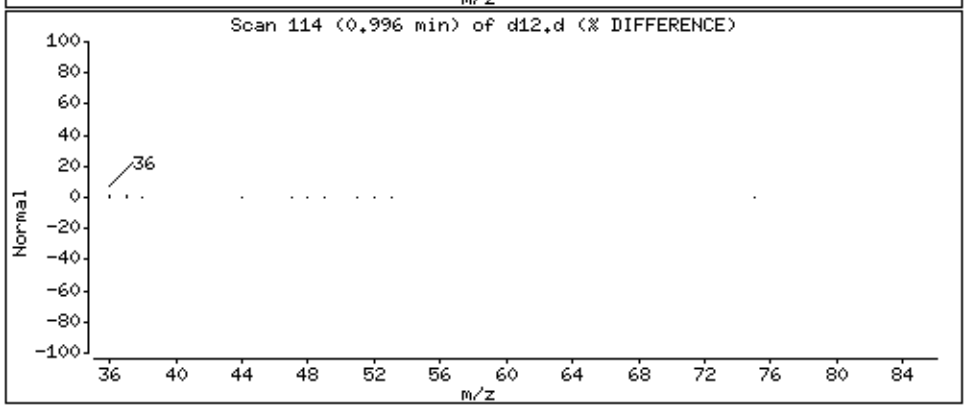
Concentration: 41.6 ppb

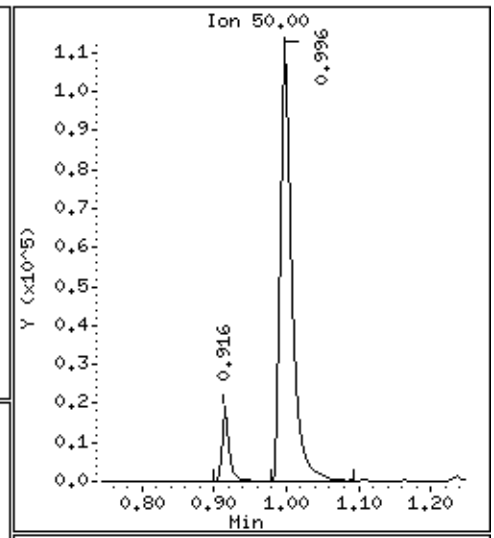
Review Code:

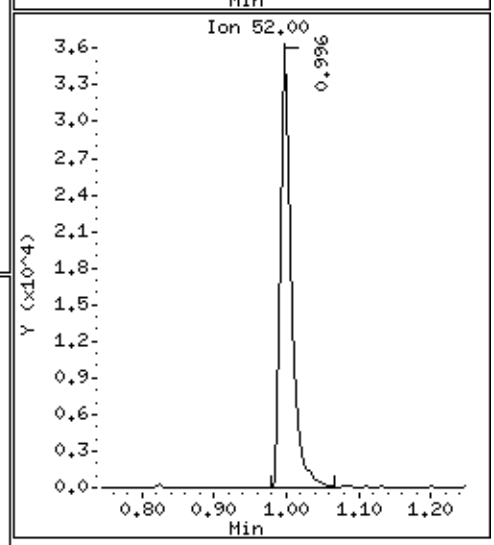












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

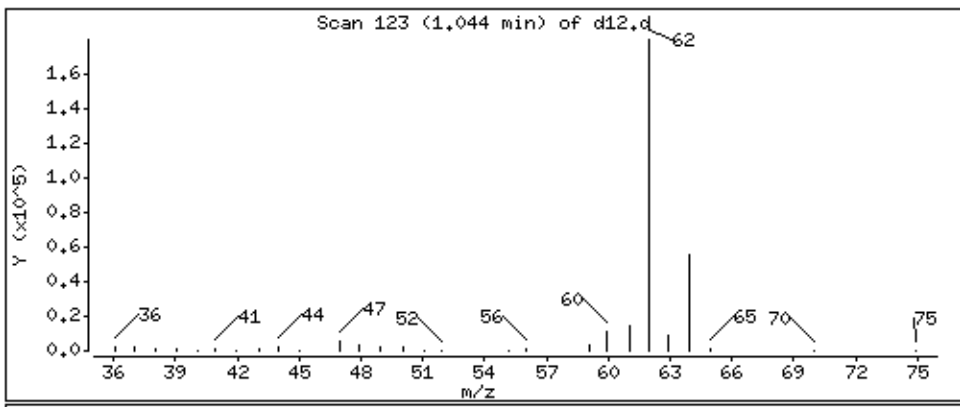
Column phase: DB-624

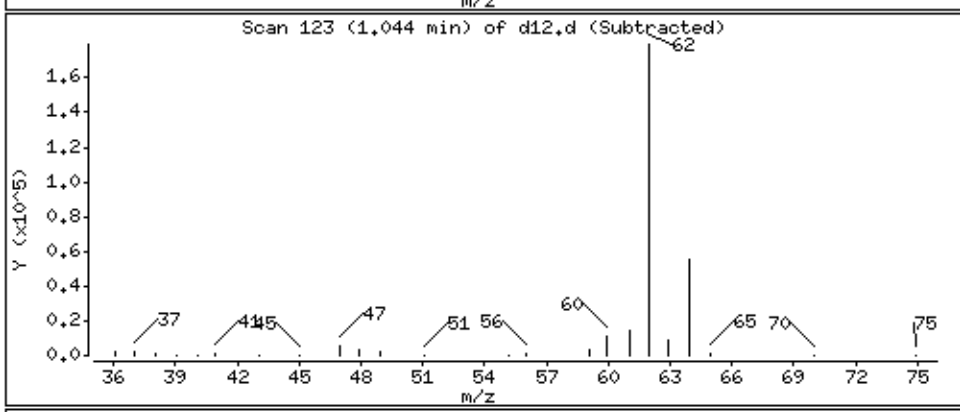
Column diameter: 0.18

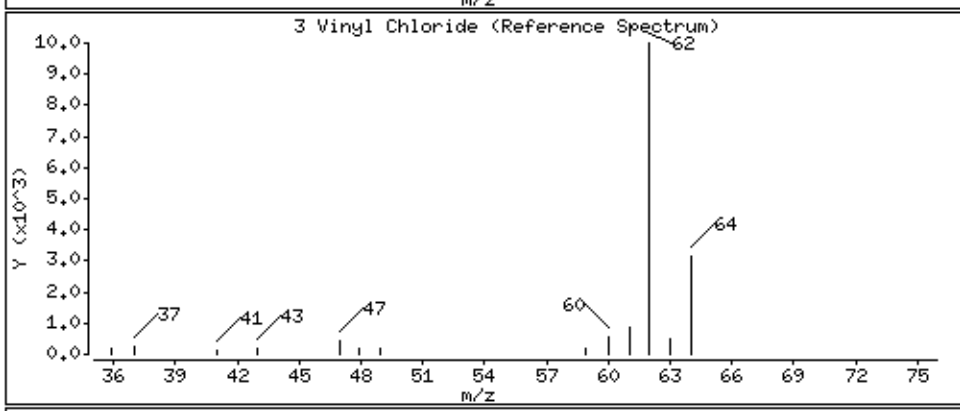
3 Vinyl Chloride

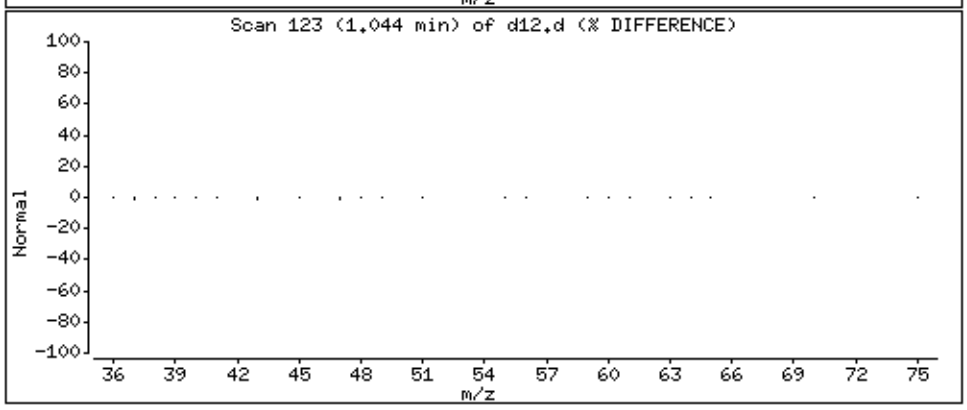
Concentration: 44.8 ppb

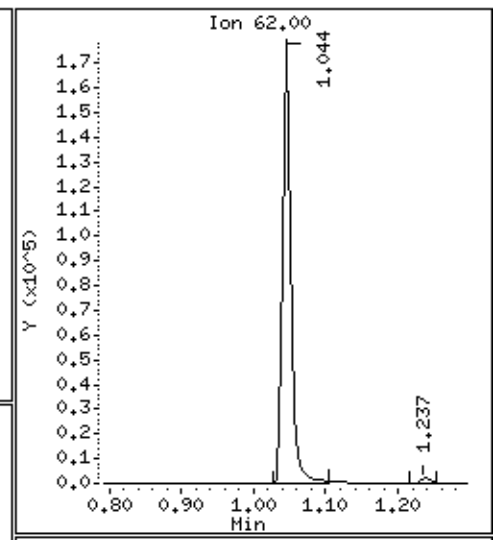
Review Code:

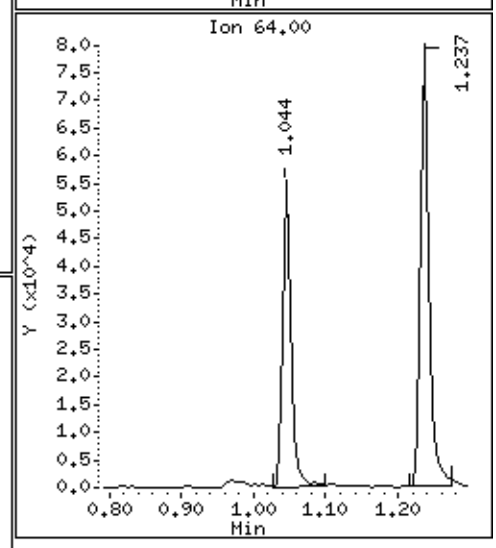












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

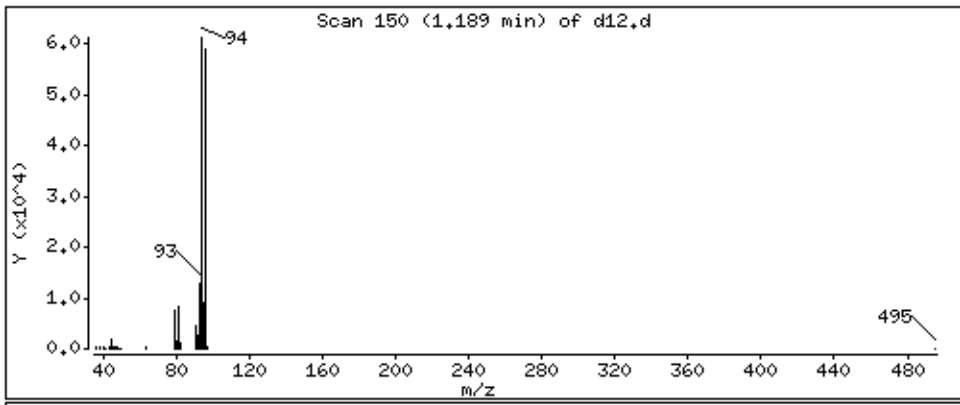
Column phase: DB-624

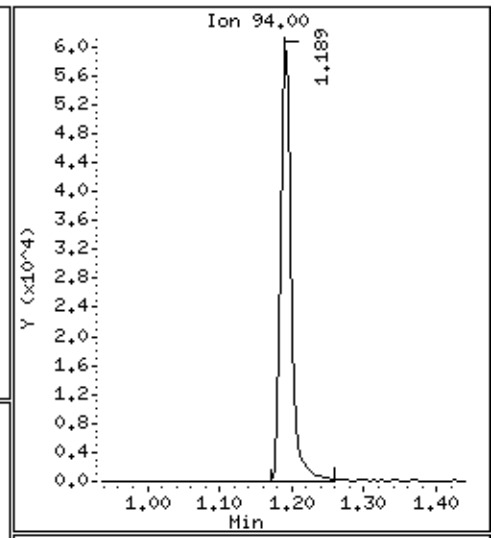
Column diameter: 0.18

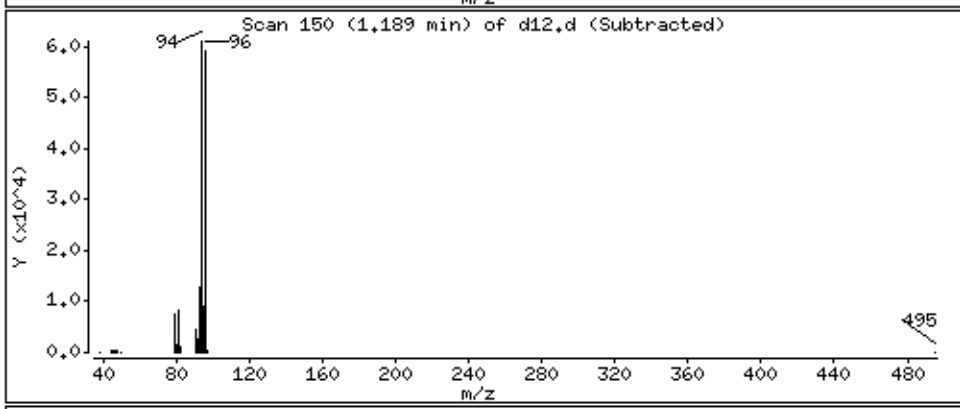
4 Bromomethane

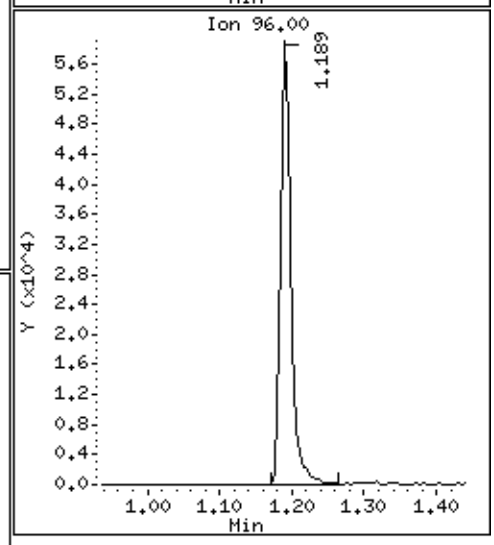
Concentration: 46.5 ppb

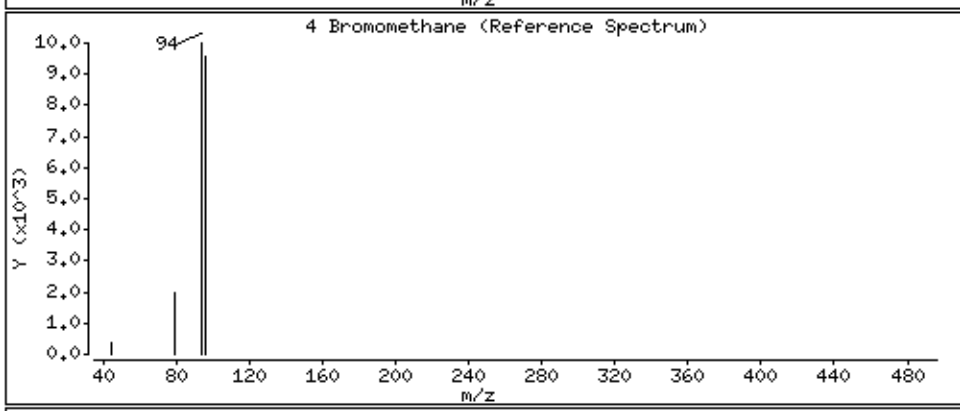
Review Code:

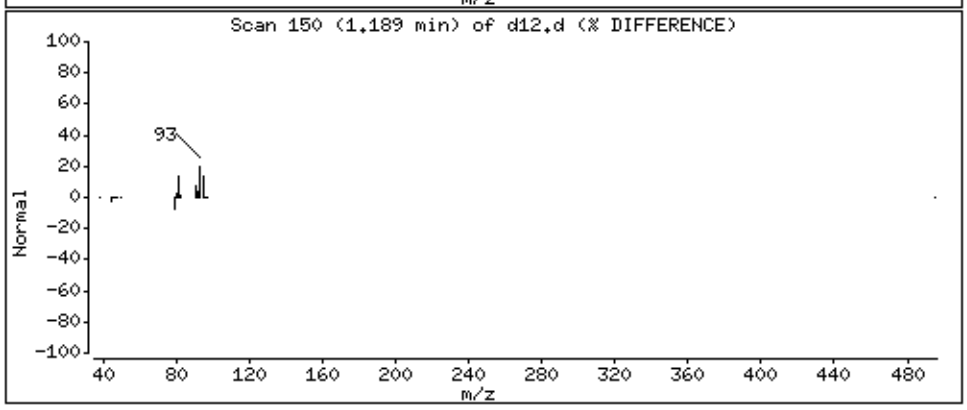












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

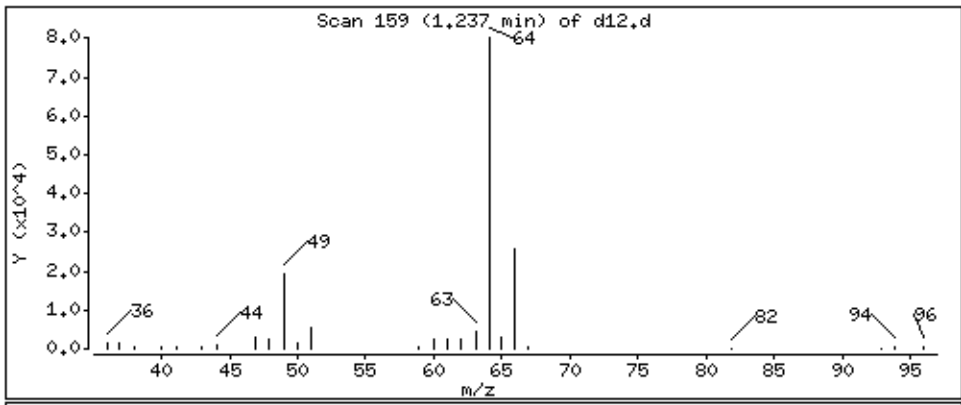
Column phase: DB-624

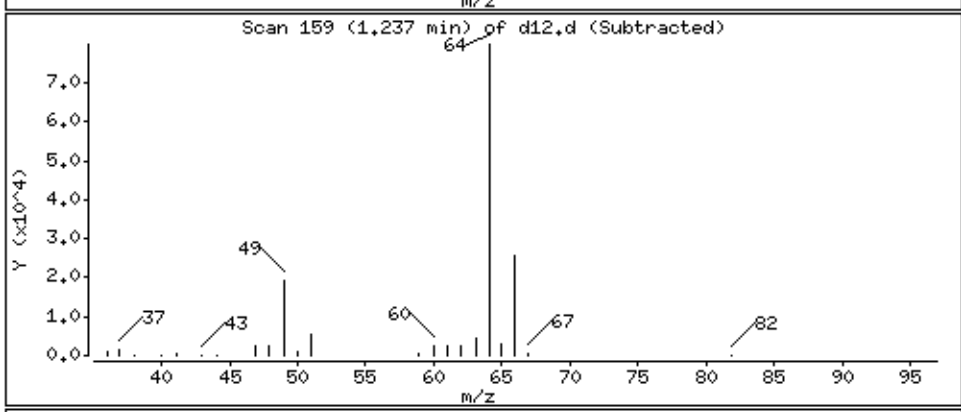
Column diameter: 0.18

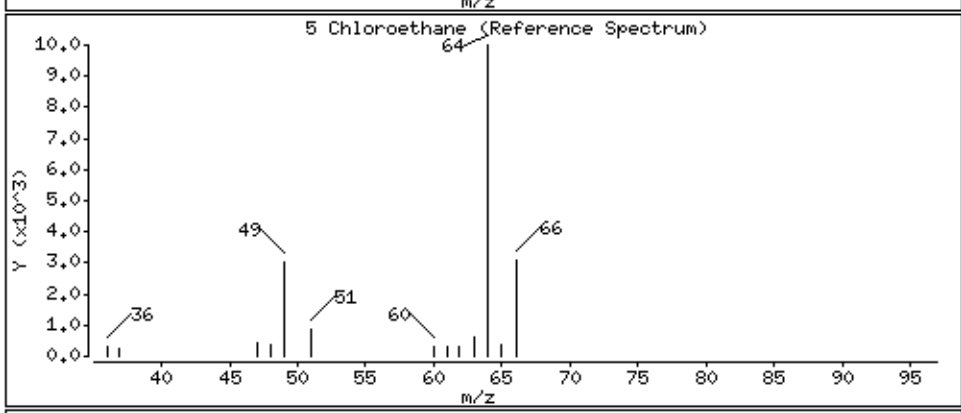
5 Chloroethane

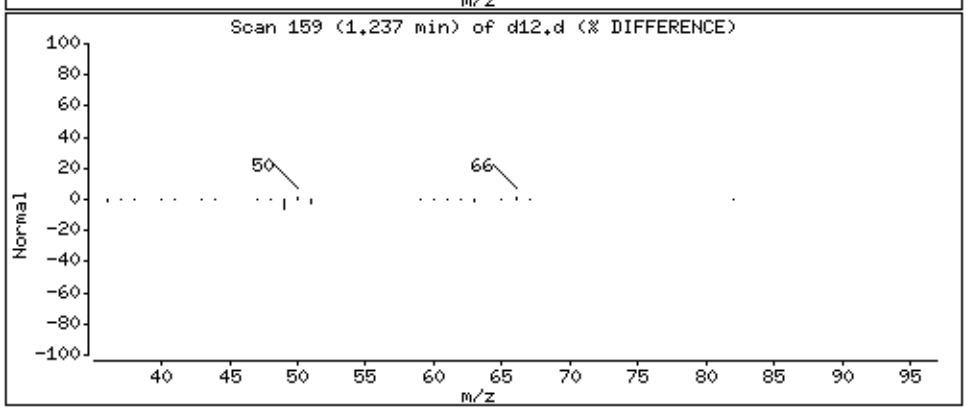
Concentration: 39.3 ppb

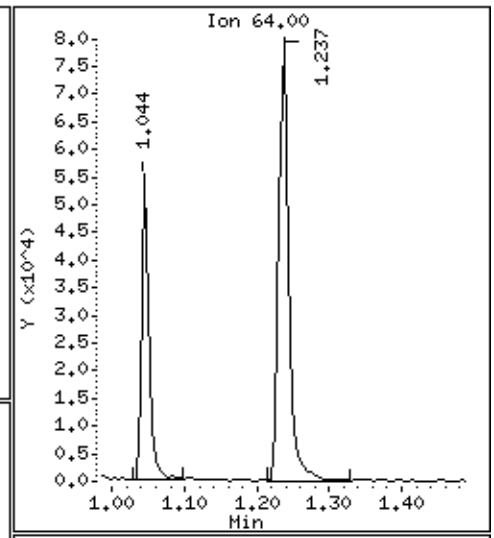
Review Code:

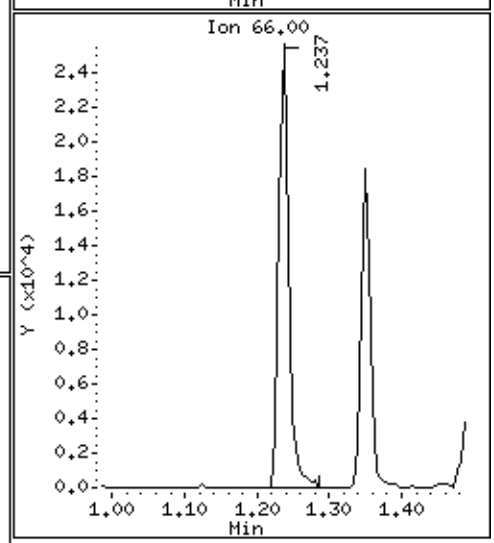












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

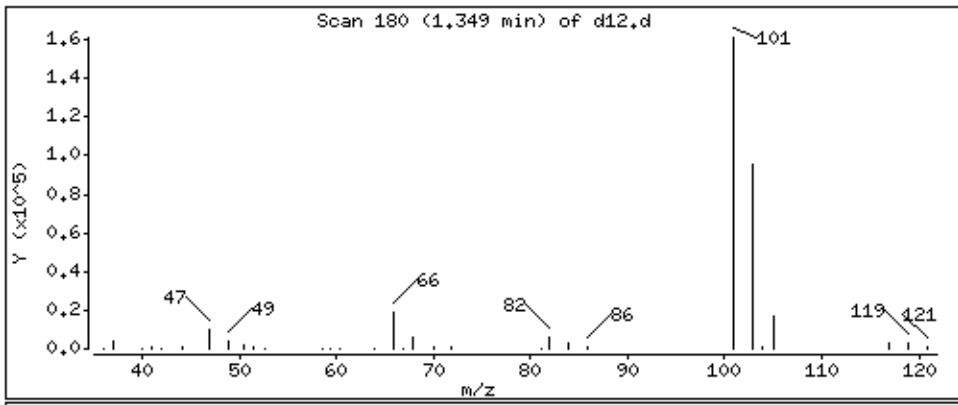
Column phase: DB-624

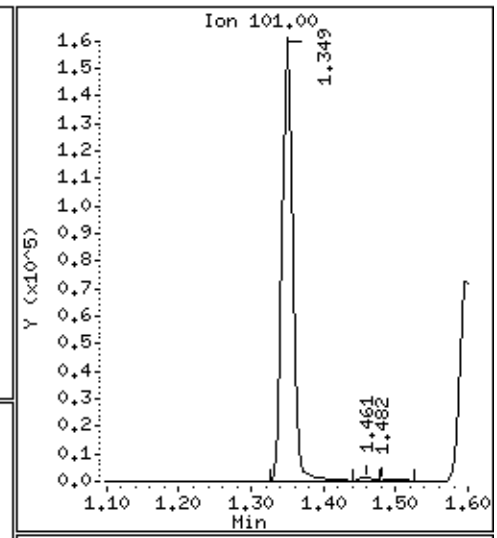
Column diameter: 0.18

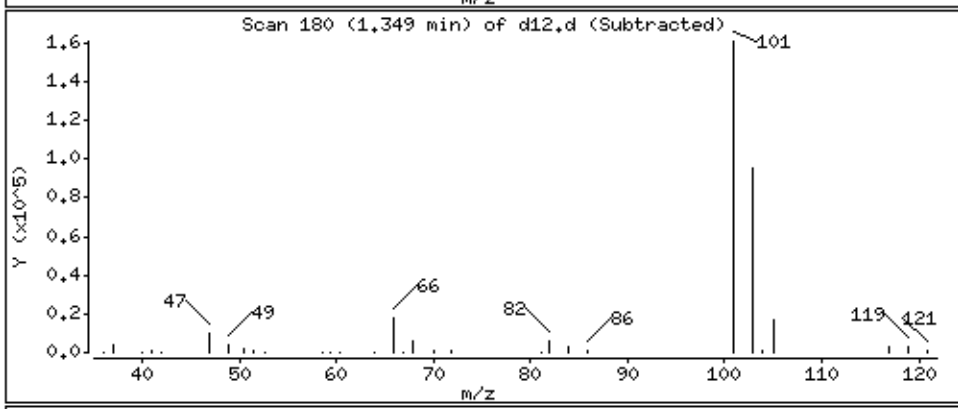
6 Trichlorofluoromethane

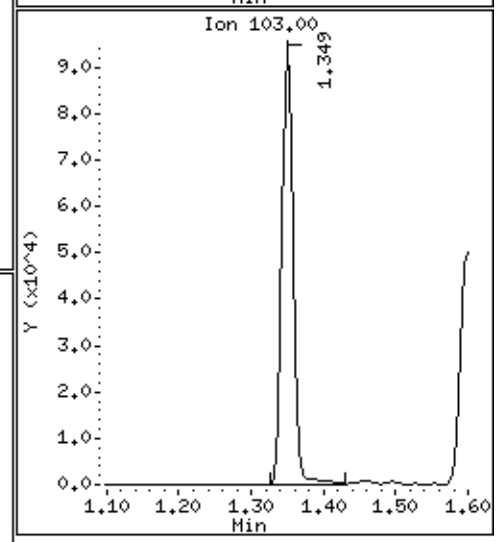
Concentration: 48.1 ppb

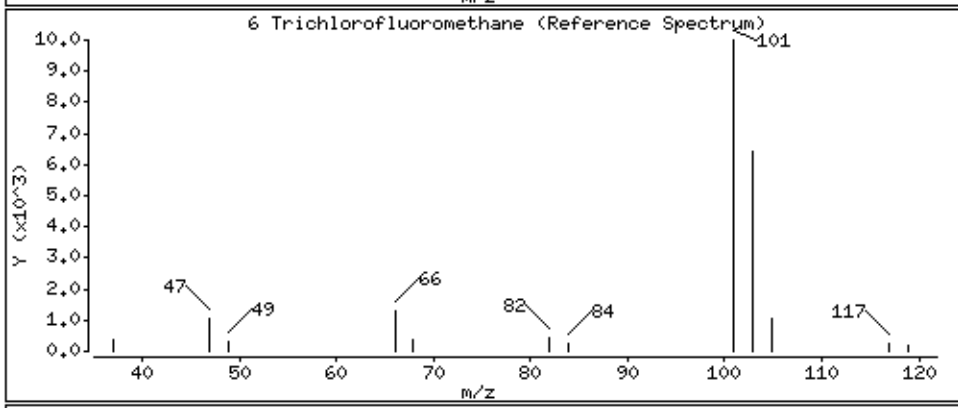
Review Code:

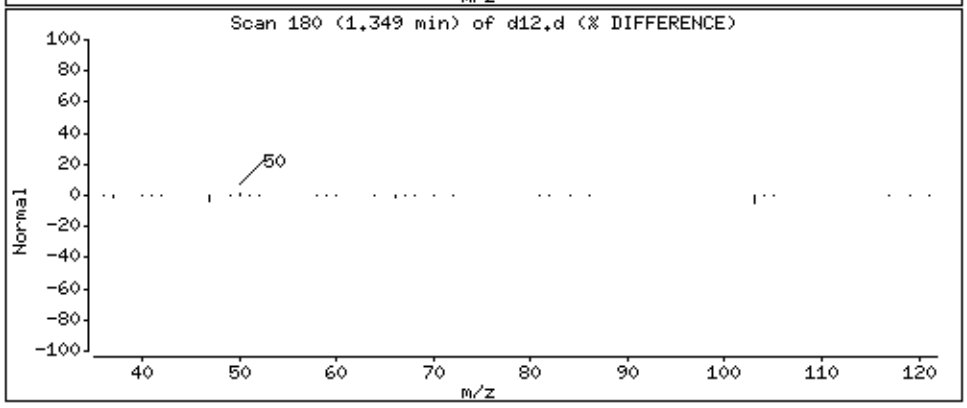












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

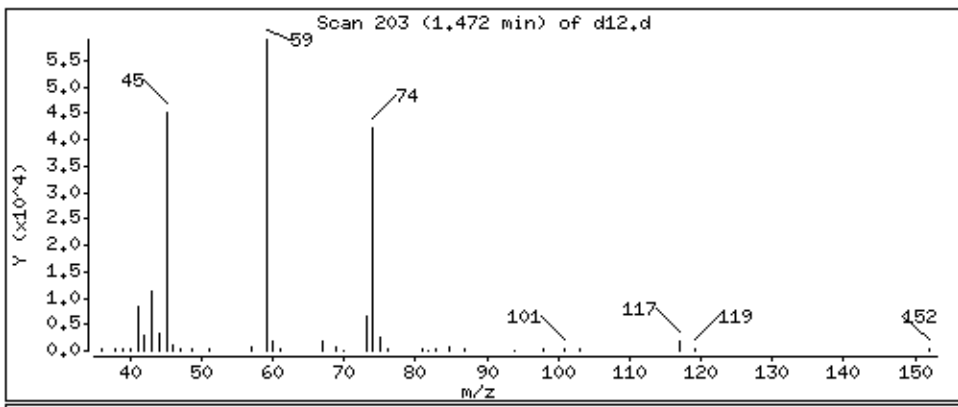
Column phase: DB-624

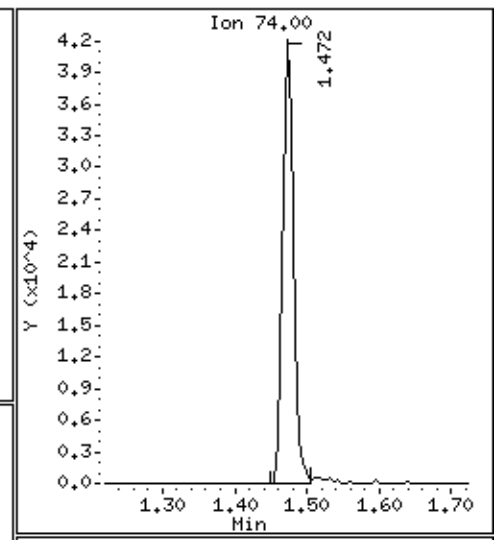
Column diameter: 0.18

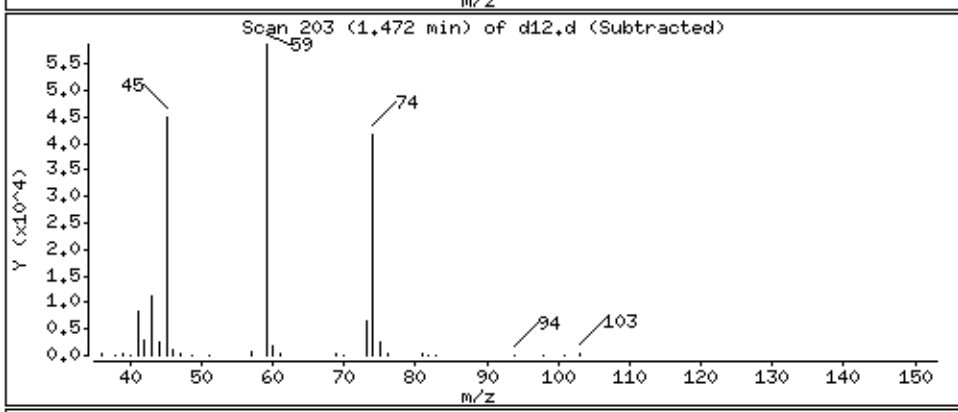
7 Diethyl ether

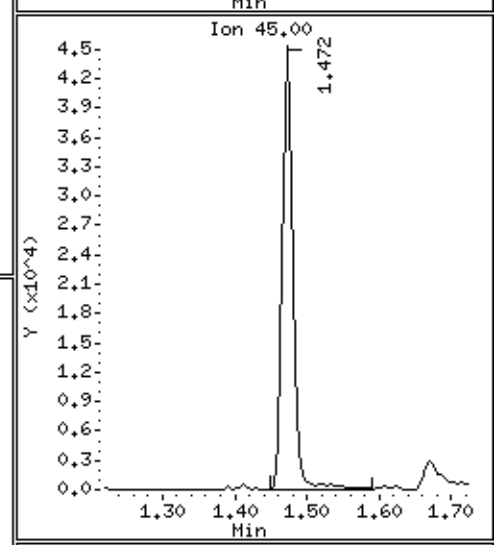
Concentration: 47.1 ppb

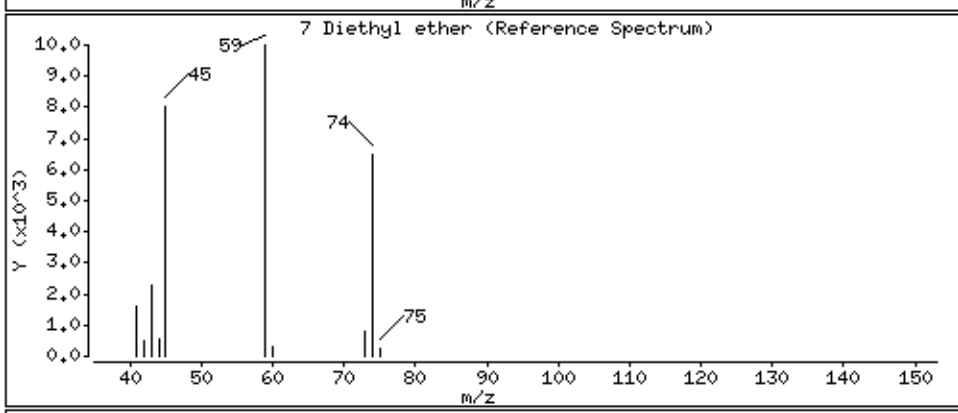
Review Code:

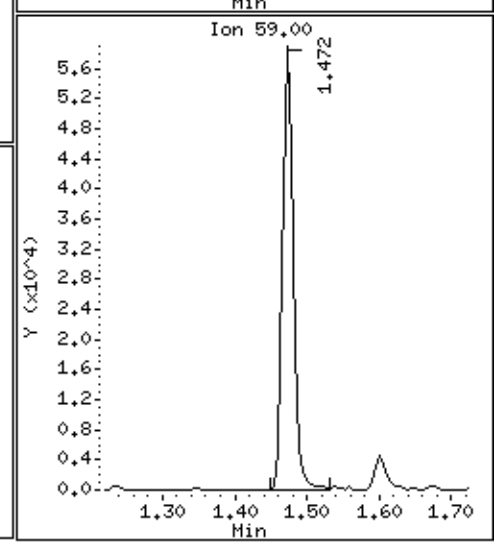


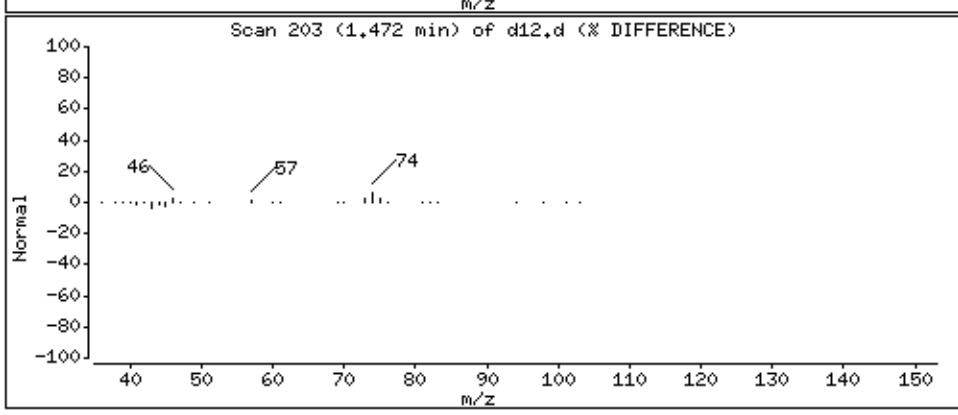












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

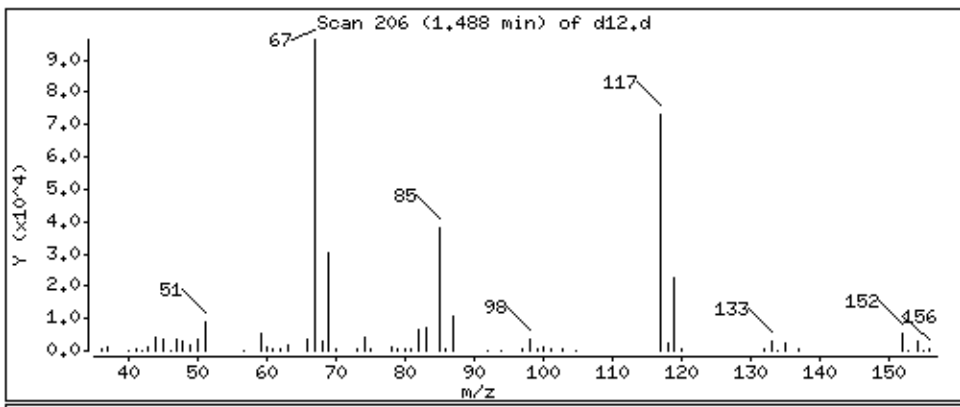
Column phase: DB-624

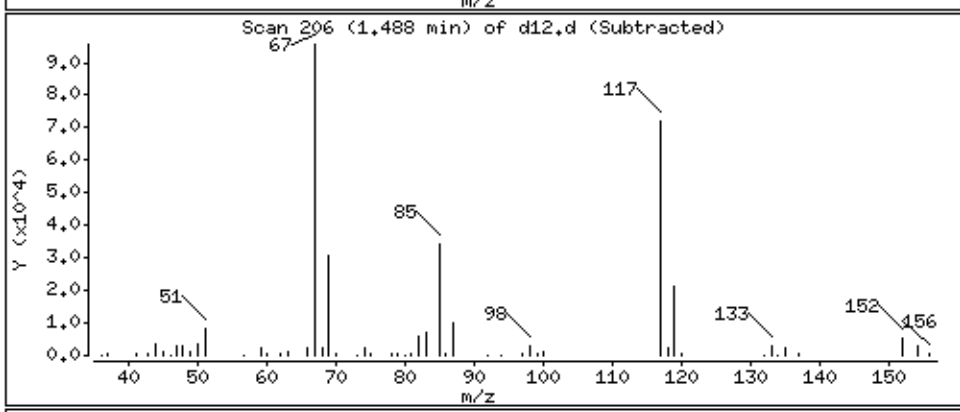
Column diameter: 0.18

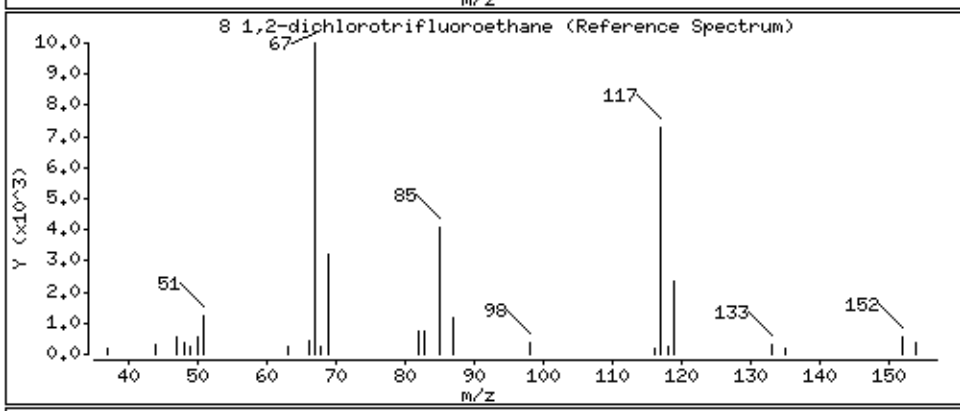
8 1,2-dichlorotrifluoroethane

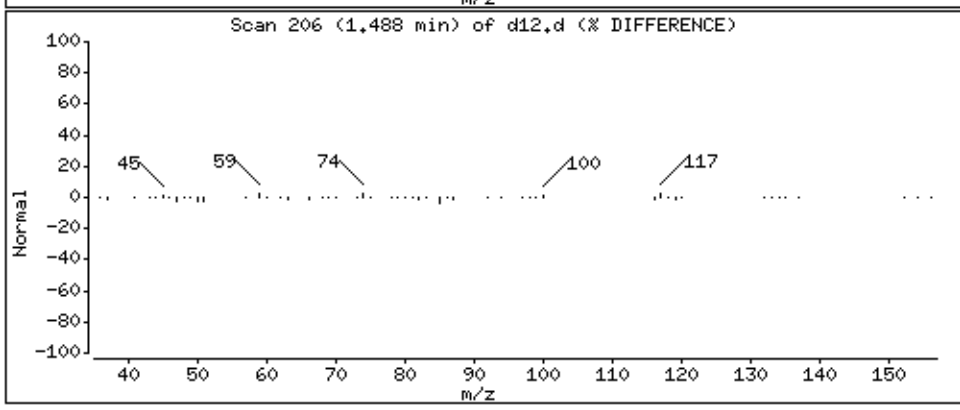
Concentration: 38.2 ppb

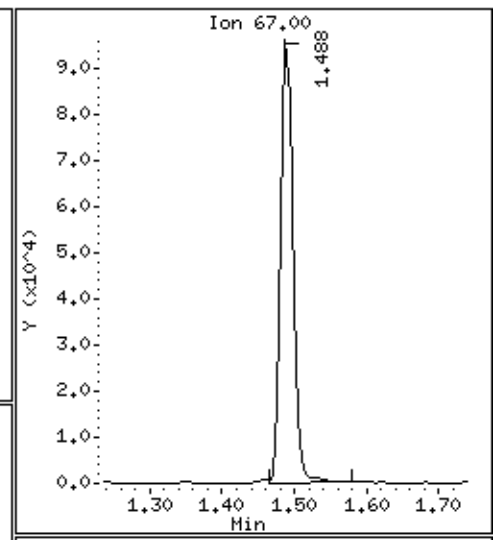
Review Code:

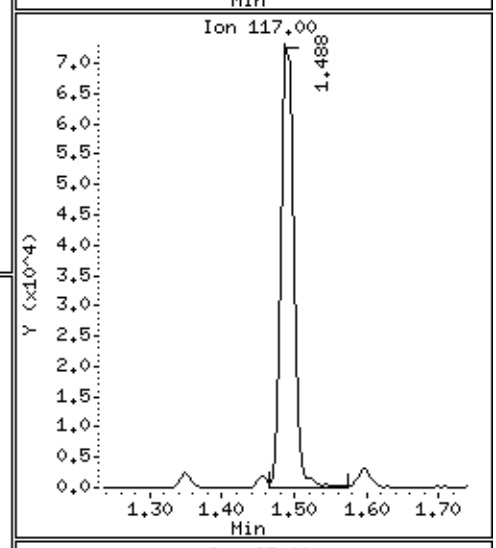


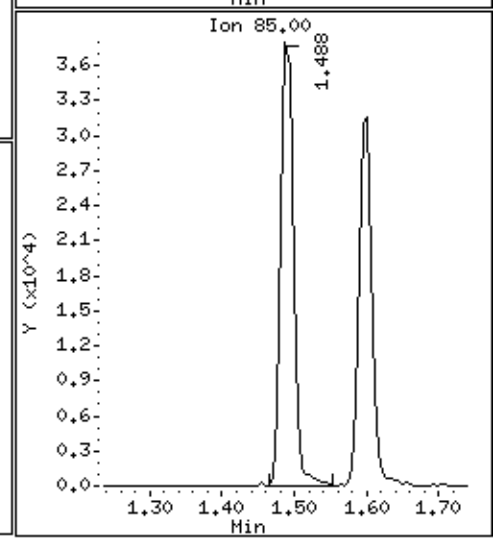












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

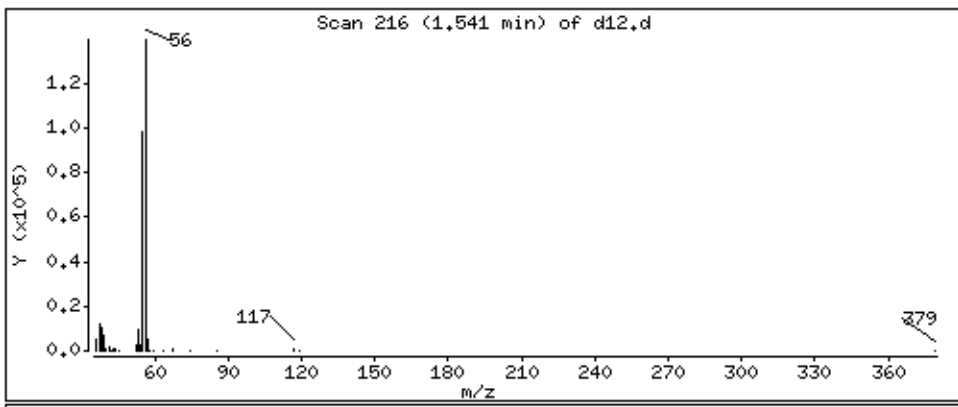
Column phase: DB-624

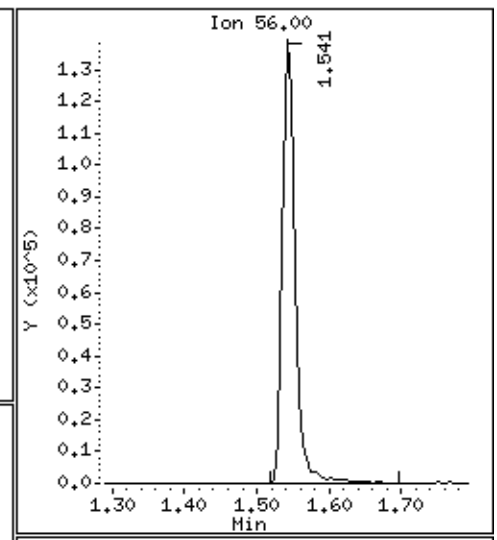
Column diameter: 0.18

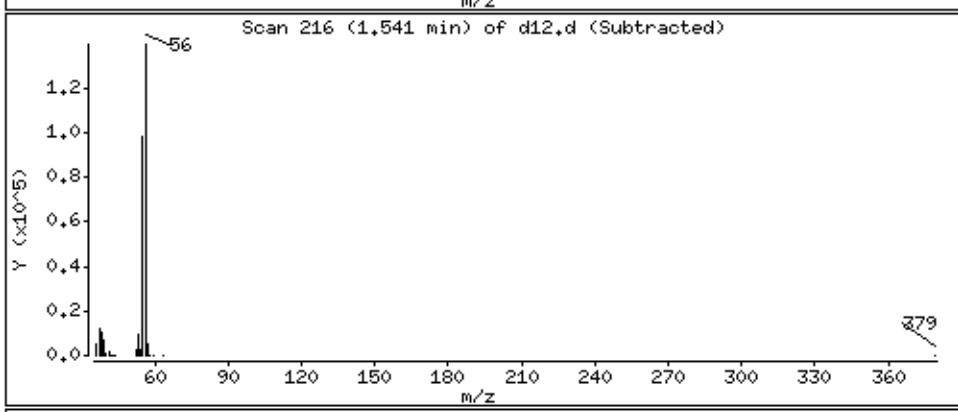
9 Acrolein

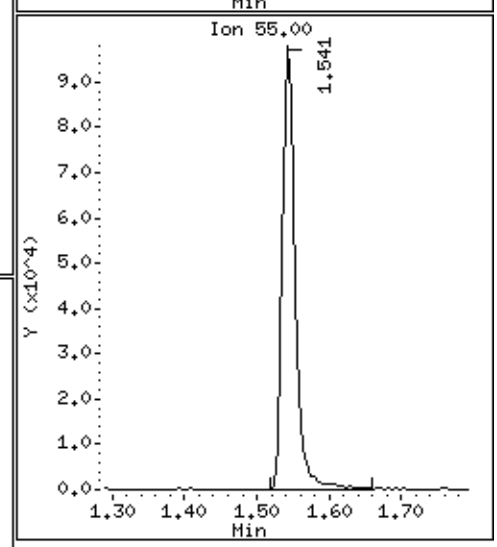
Concentration: 1080 ppb

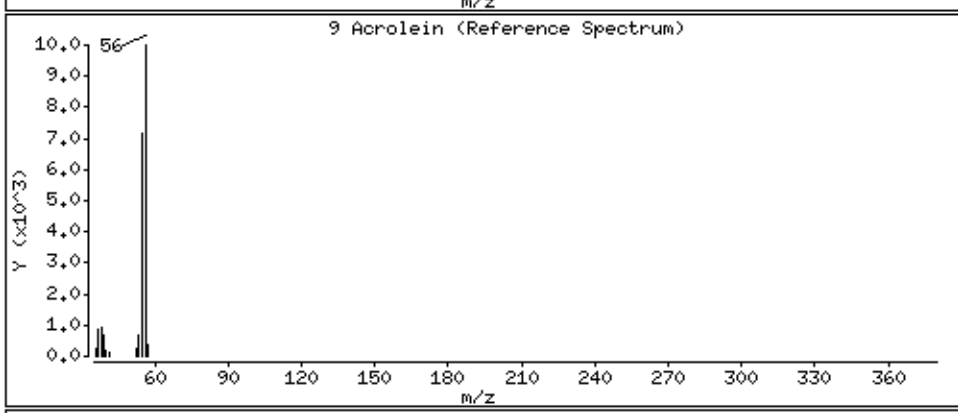
Review Code:

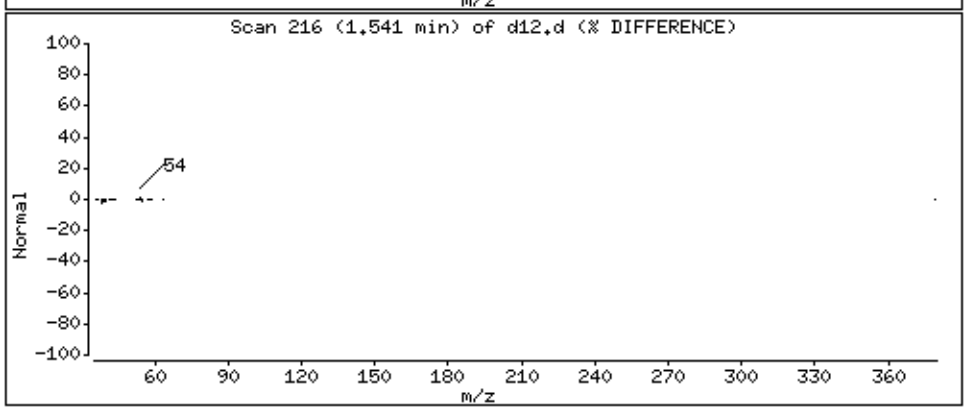












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

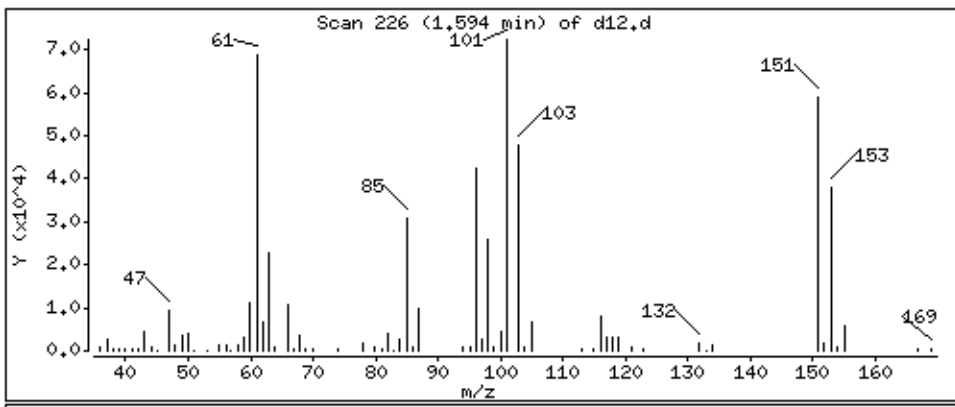
Column phase: DB-624

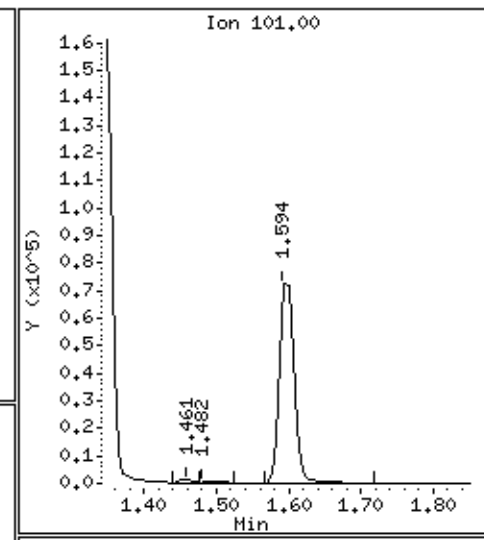
Column diameter: 0.18

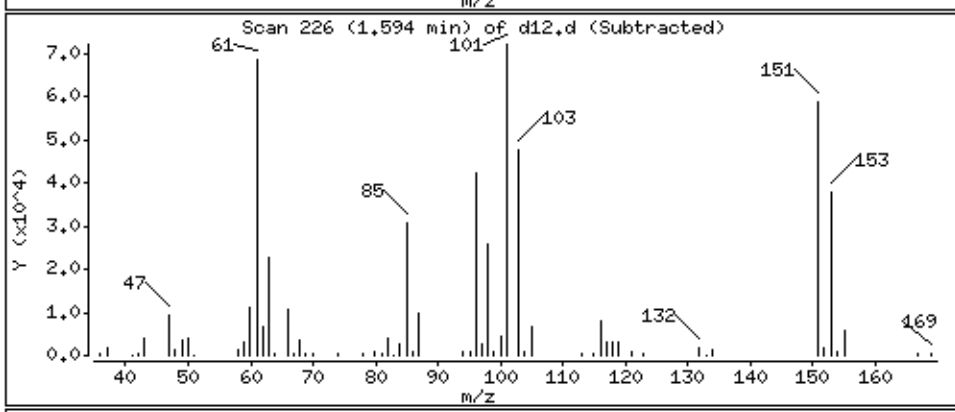
10 1,1,2trichlorotrifluoroethane

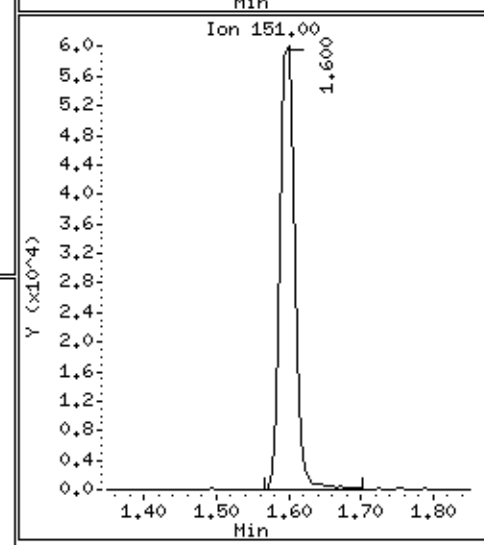
Concentration: 43.0 ppb

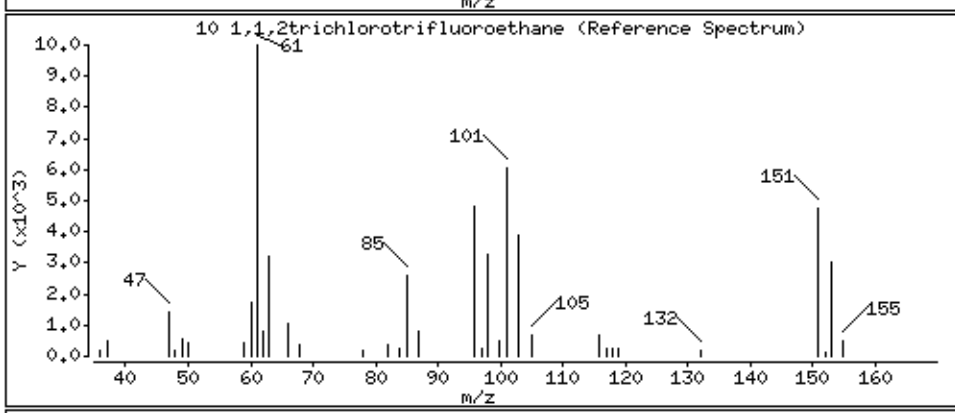
Review Code:

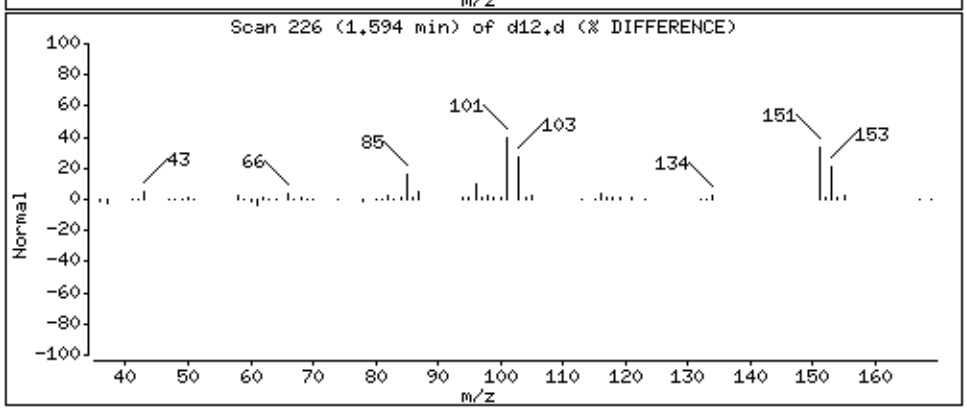












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

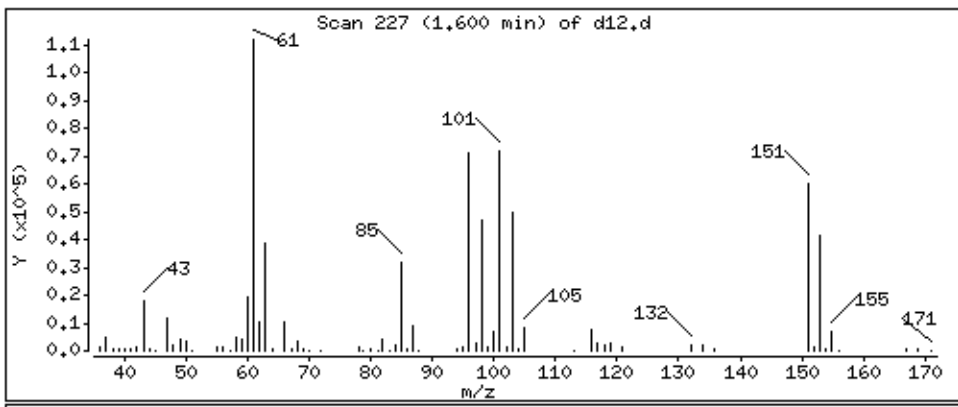
Column phase: DB-624

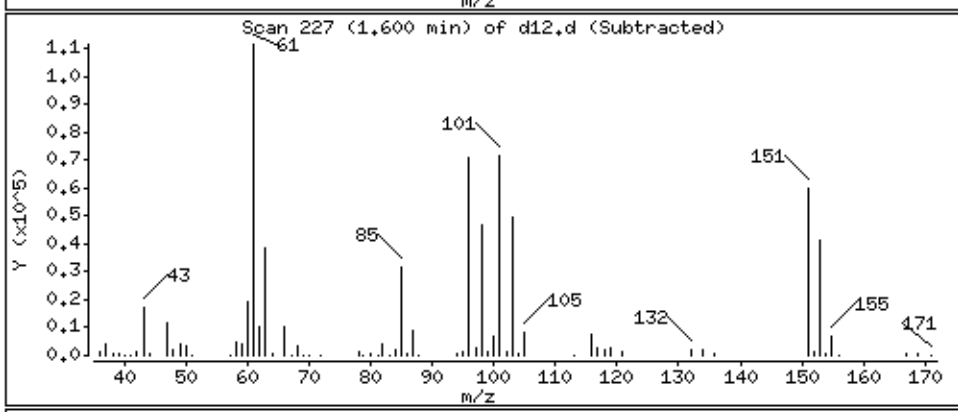
Column diameter: 0.18

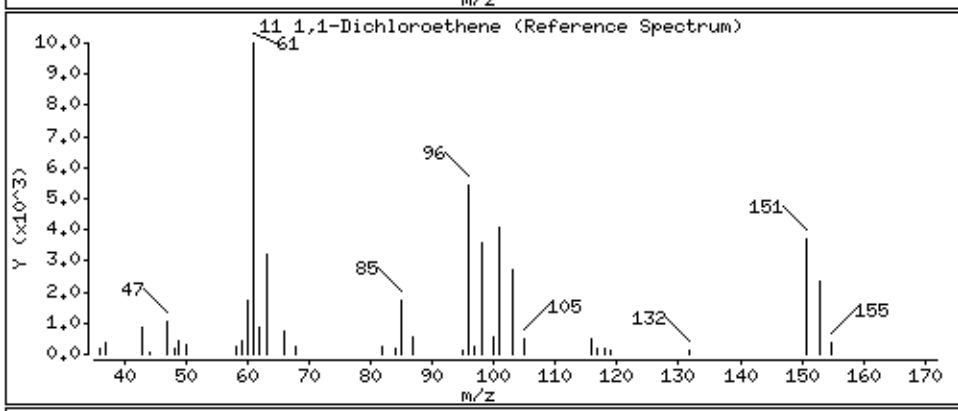
11 1,1-Dichloroethene

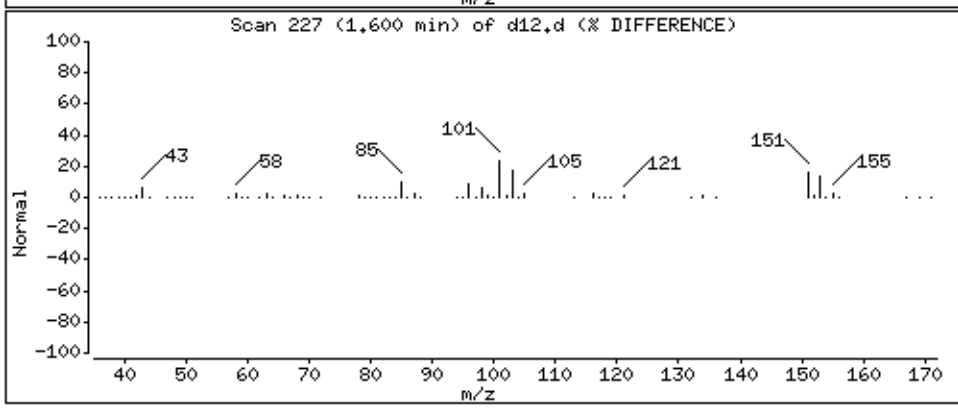
Concentration: 41.8 ppb

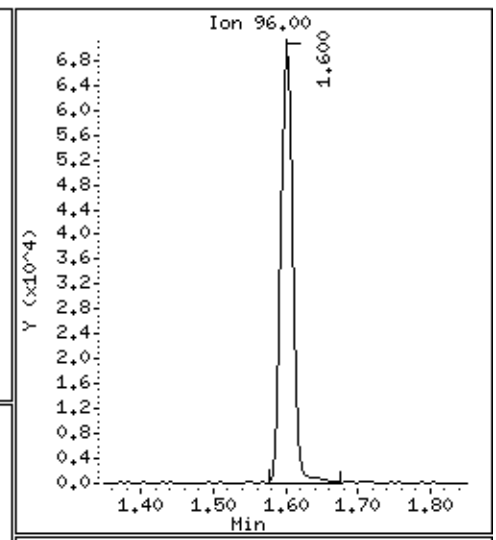
Review Code:

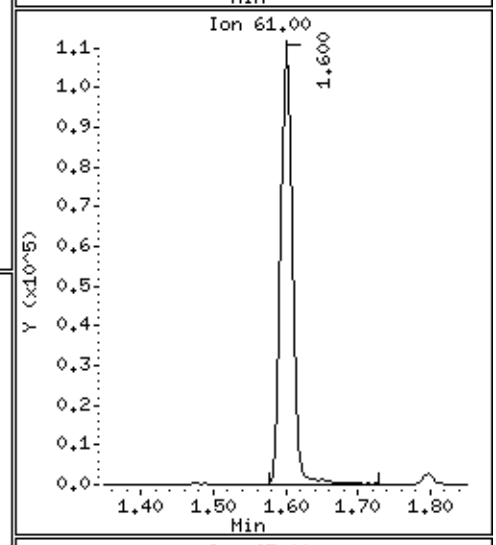


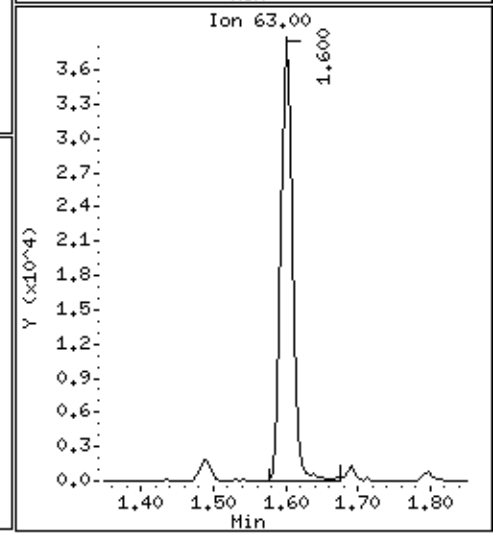












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

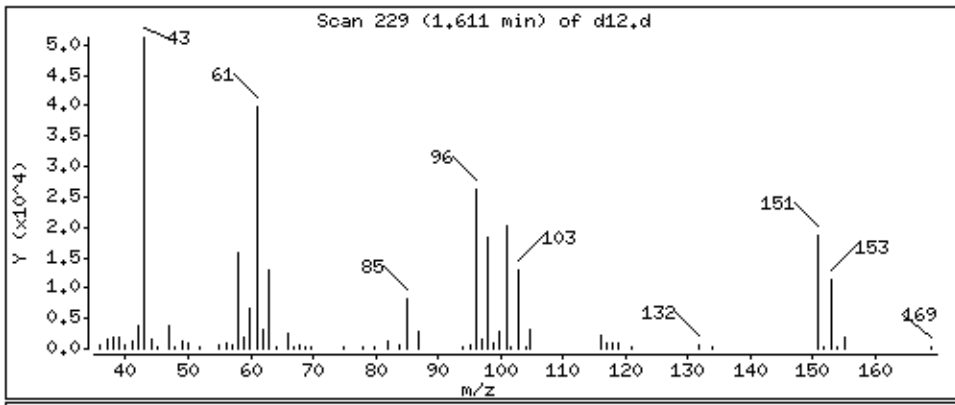
Column phase: DB-624

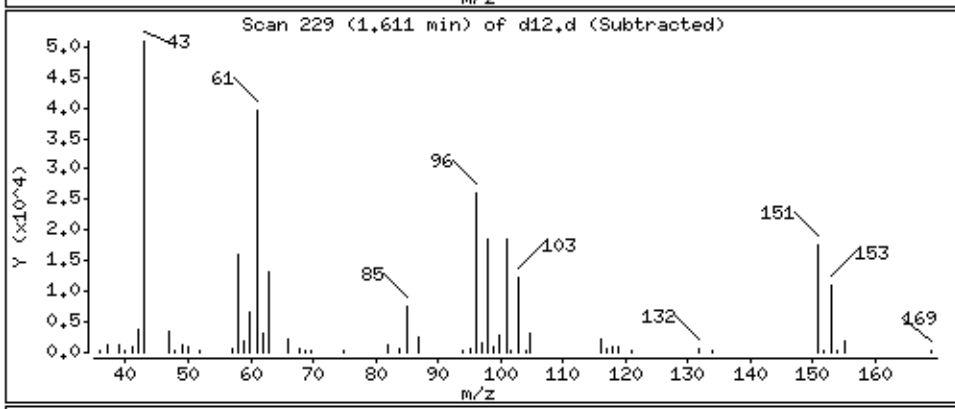
Column diameter: 0.18

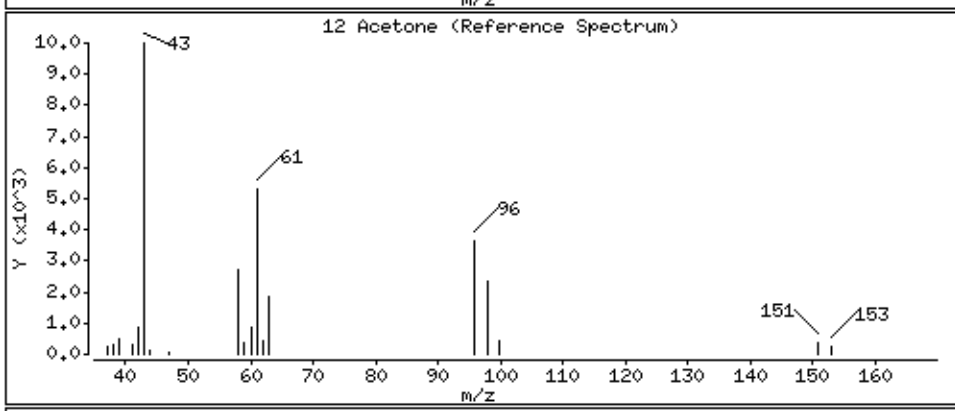
12 Acetone

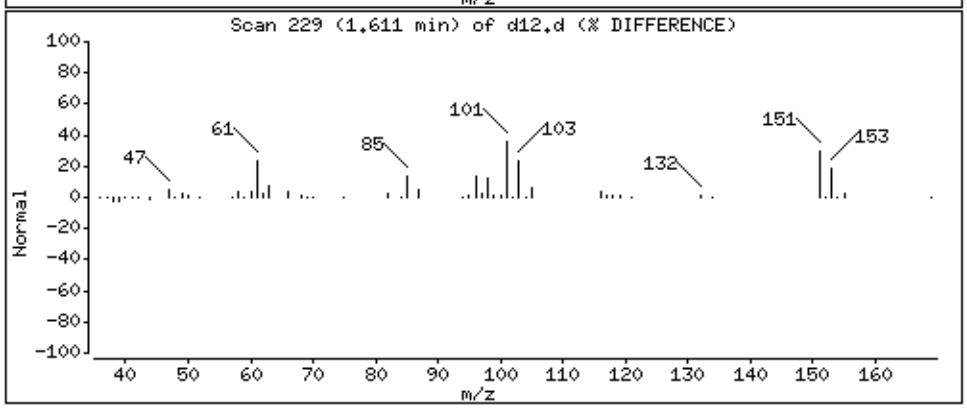
Concentration: 273 ppb

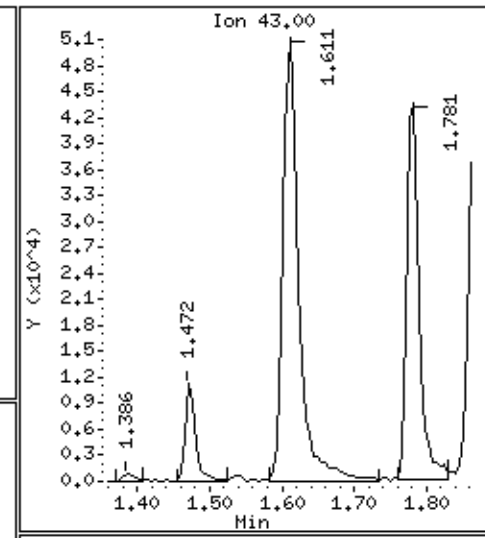
Review Code:

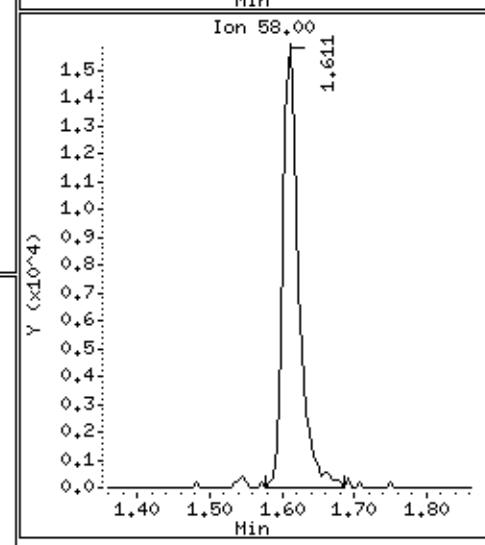












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

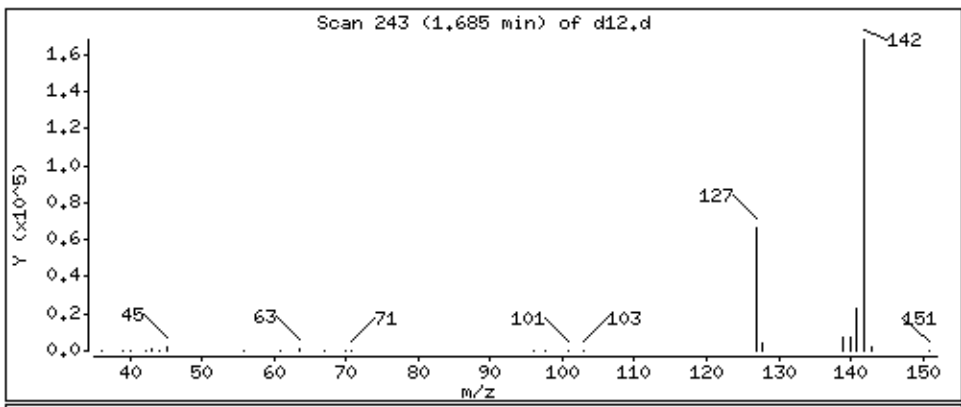
Column phase: DB-624

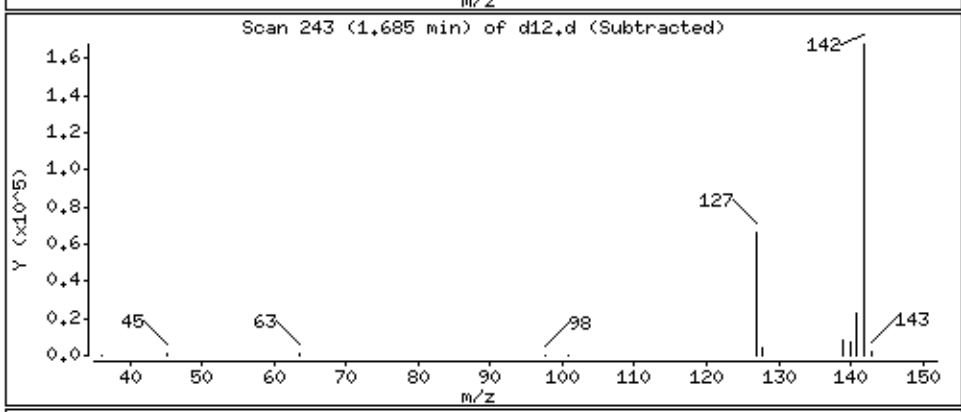
Column diameter: 0.18

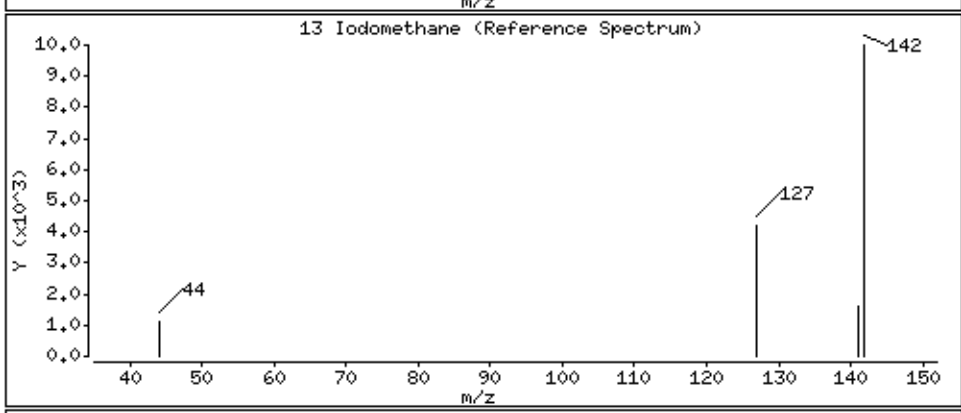
13 Iodomethane

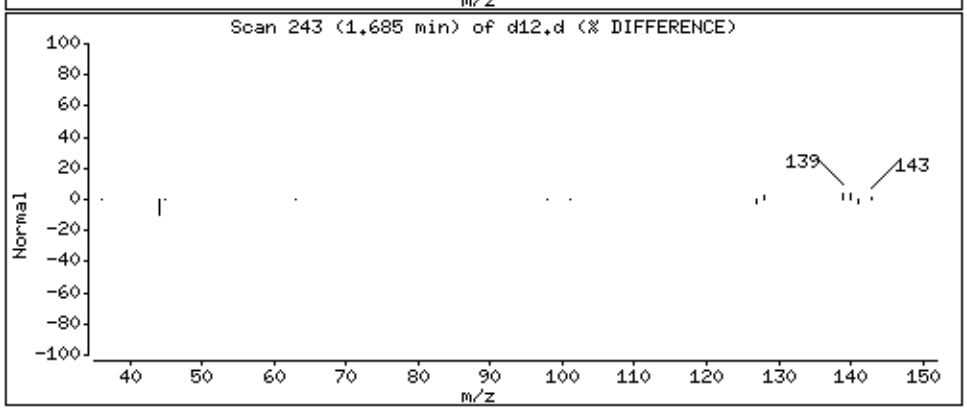
Concentration: 97.7 ppb

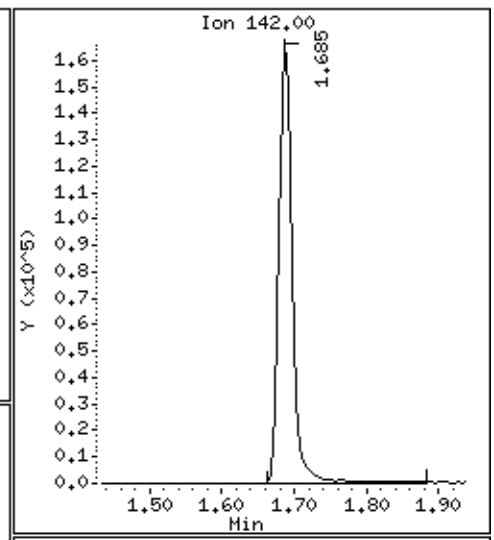
Review Code:

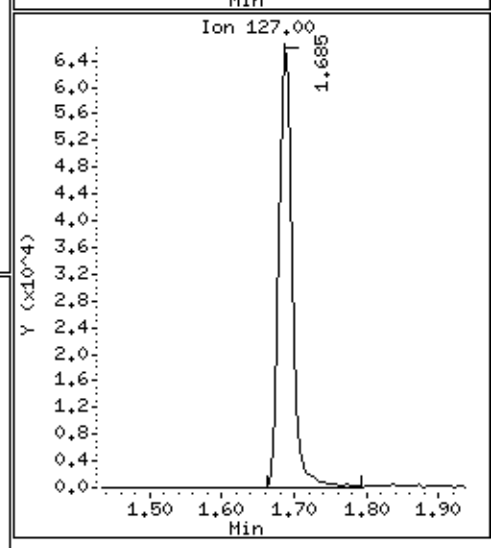












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

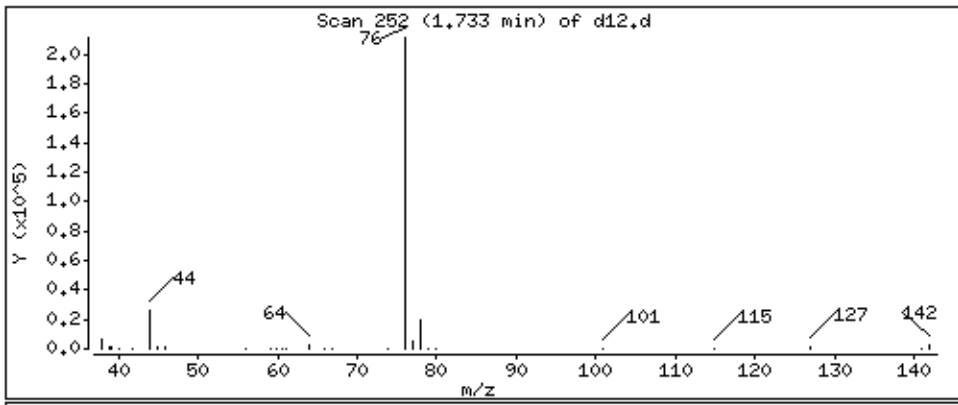
Column phase: DB-624

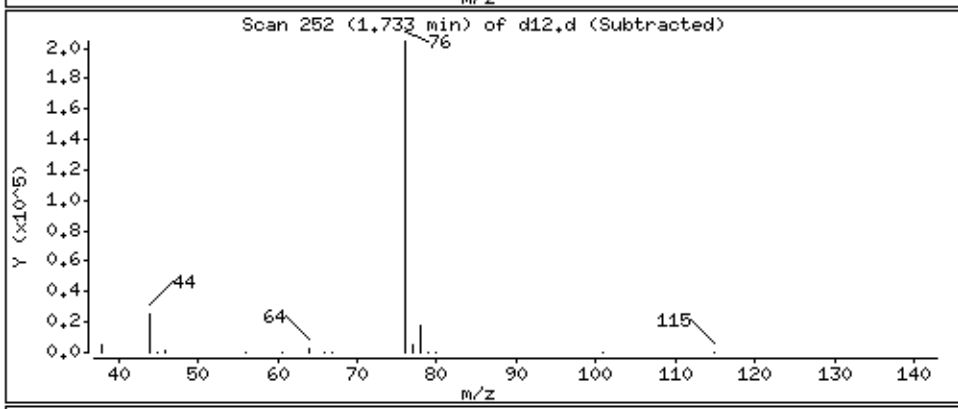
Column diameter: 0.18

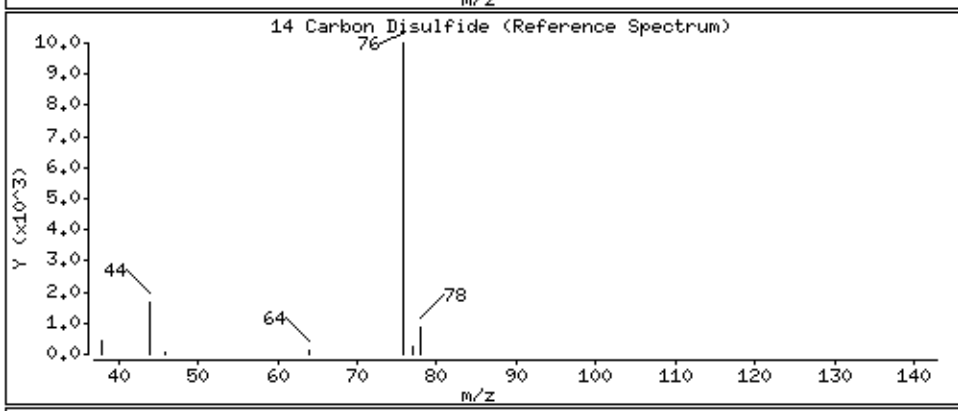
14 Carbon Disulfide

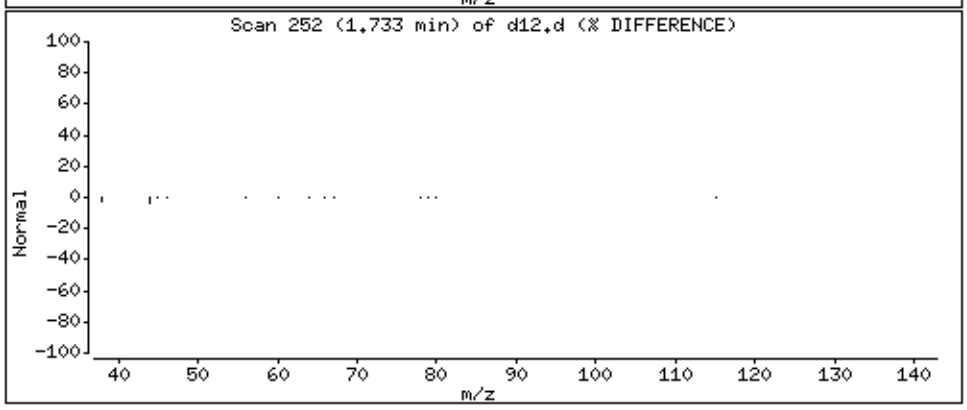
Concentration: 37.8 ppb

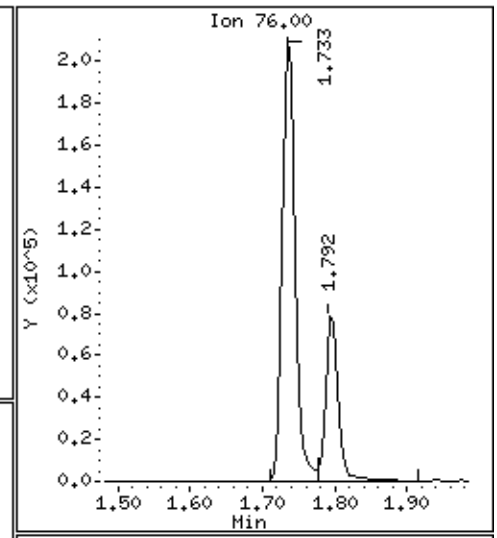
Review Code:

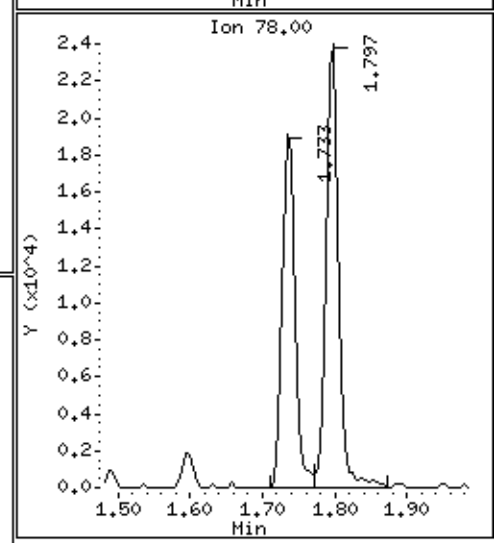












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

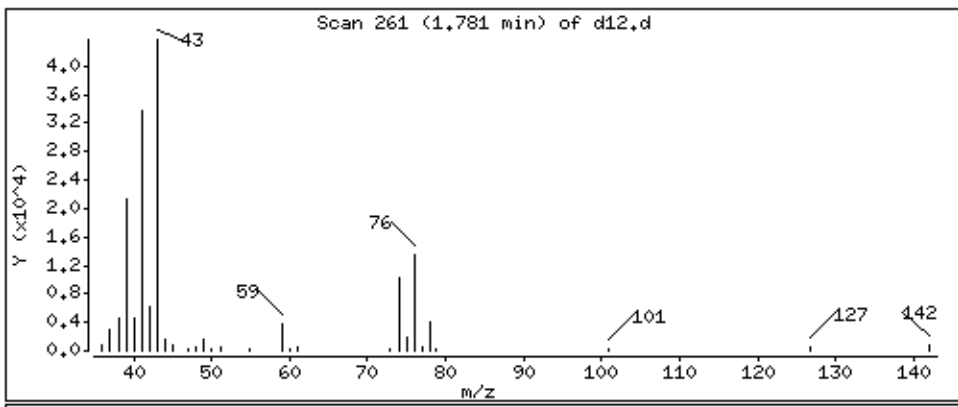
Column phase: DB-624

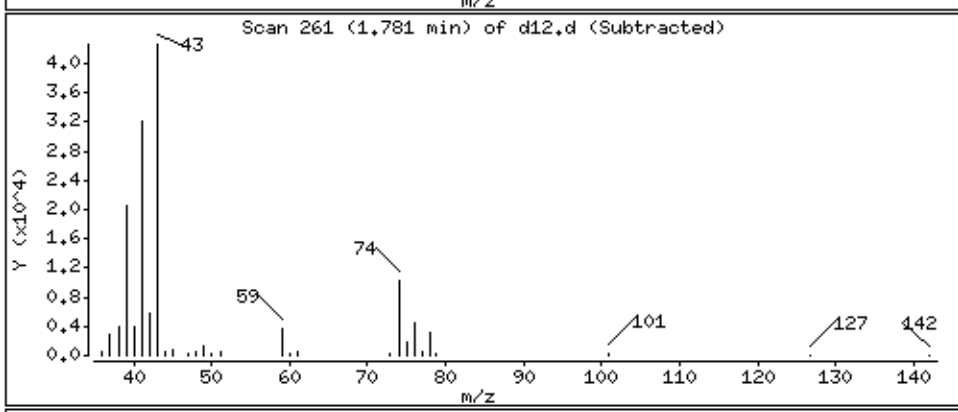
Column diameter: 0.18

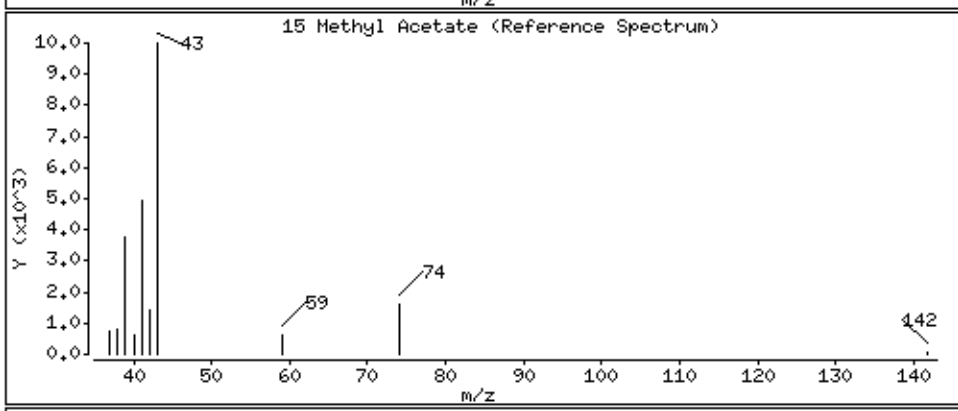
15 Methyl Acetate

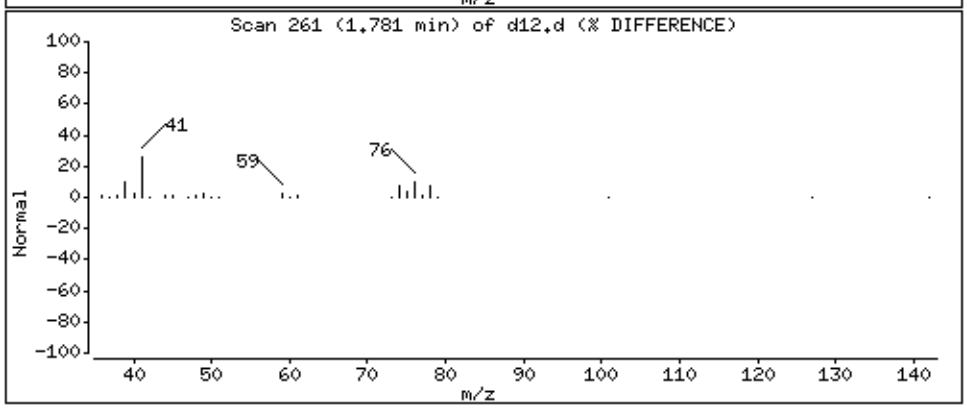
Concentration: 75.8 ppb

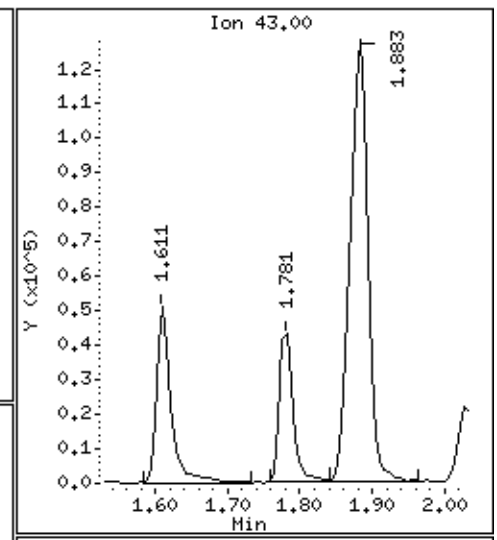
Review Code:

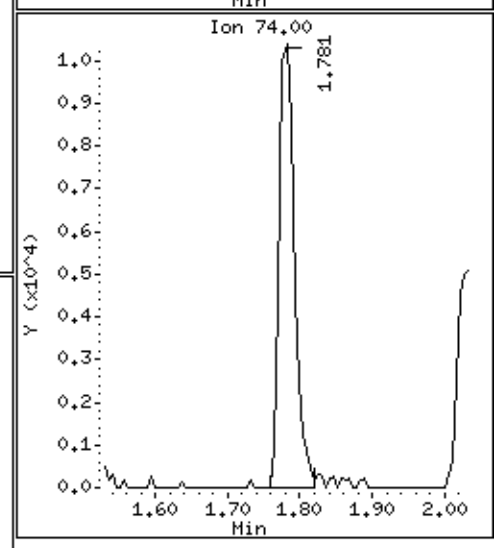












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

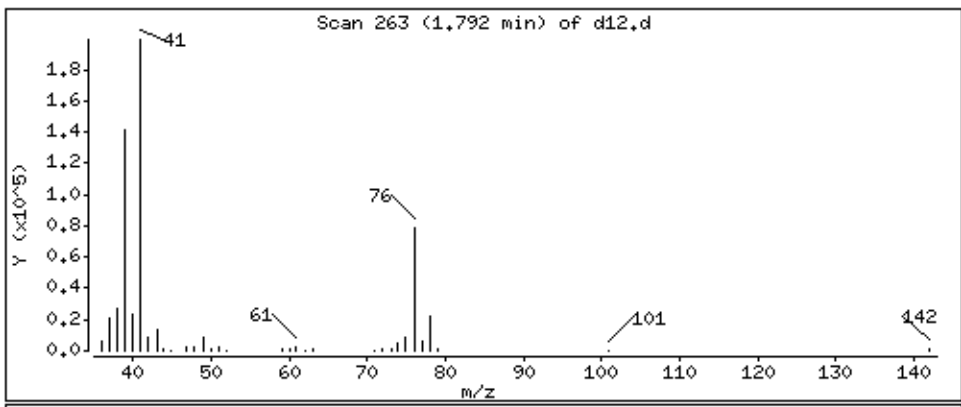
Column phase: DB-624

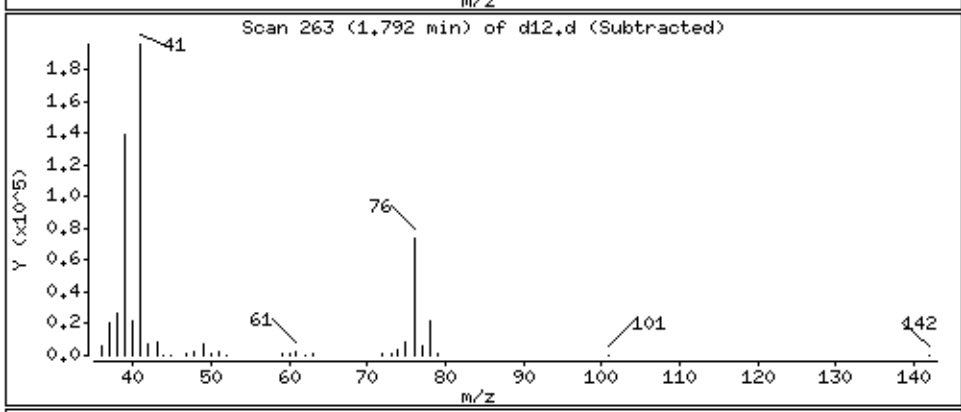
Column diameter: 0.18

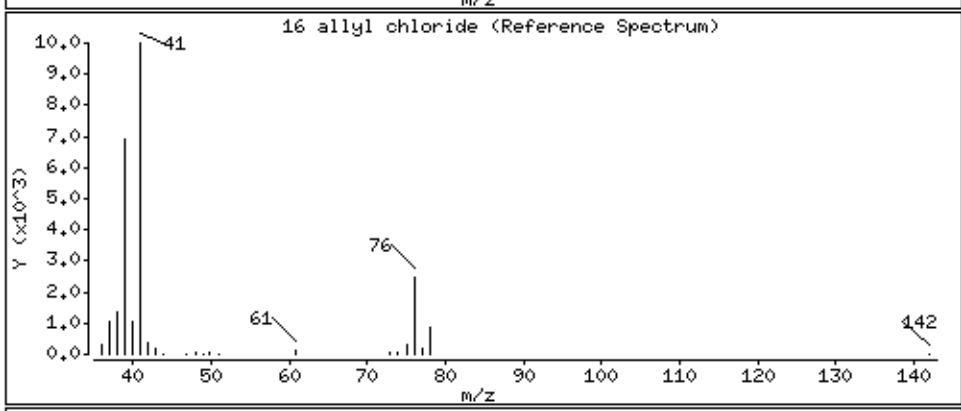
16 allyl chloride

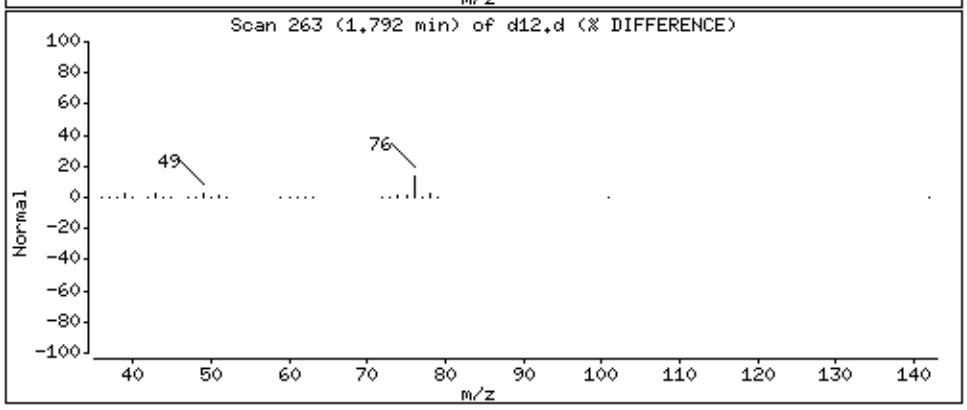
Concentration: 86.6 ppb

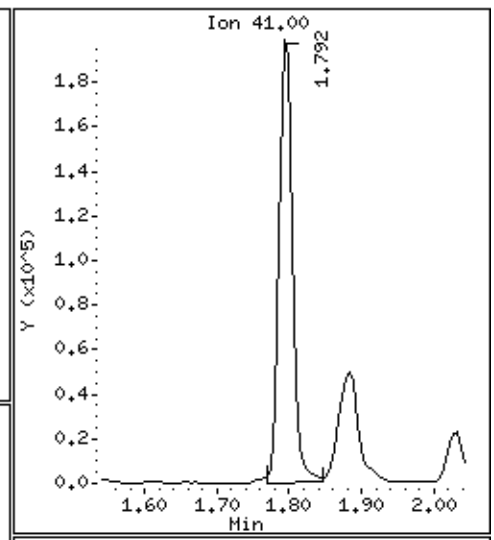
Review Code:

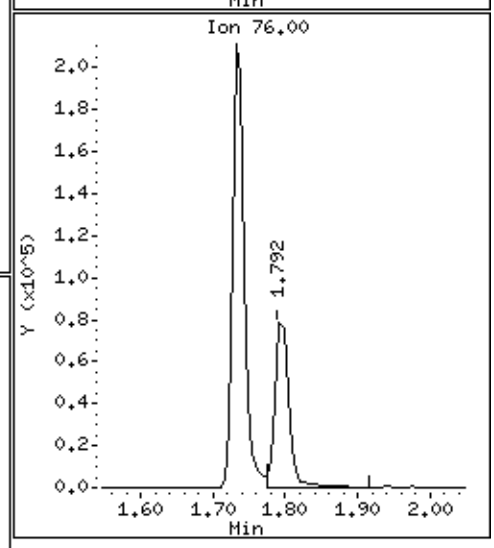












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

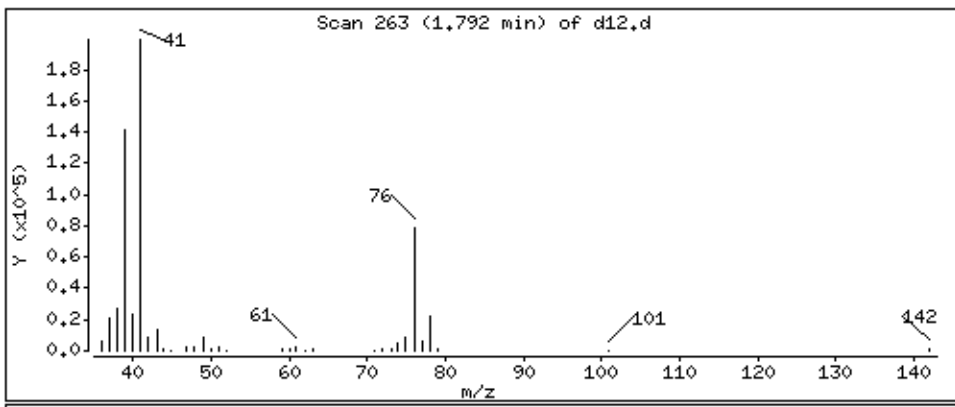
Column phase: DB-624

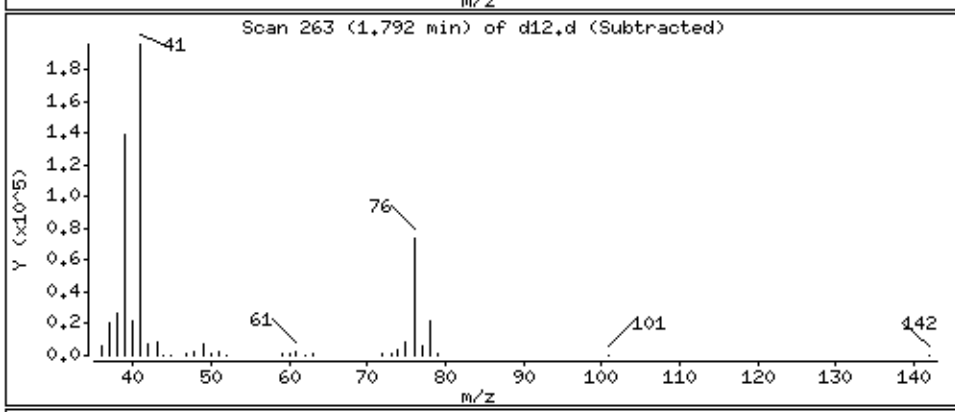
Column diameter: 0.18

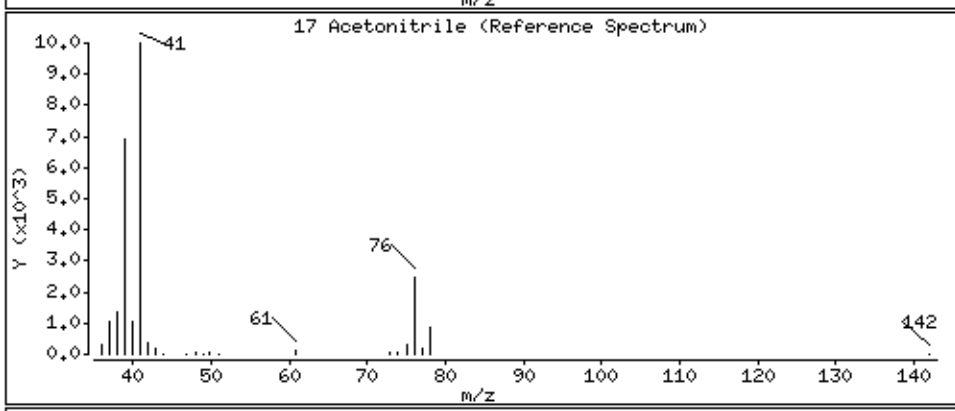
17 Acetonitrile

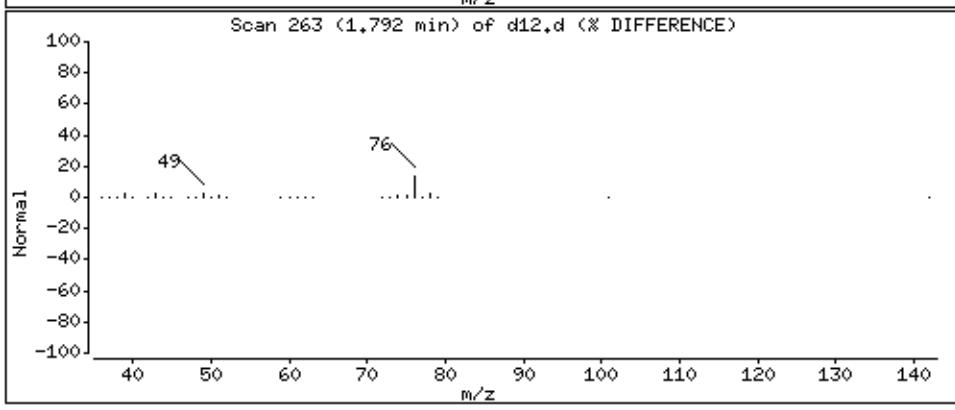
Concentration: 38.6 ppb

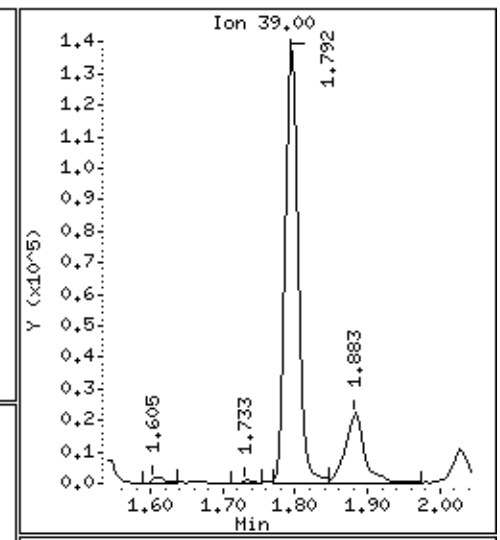
Review Code:

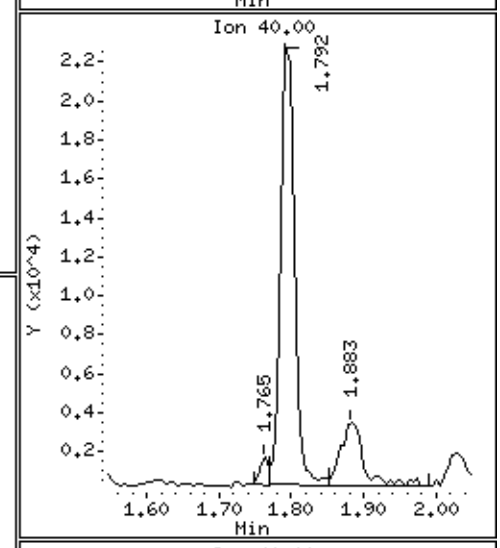


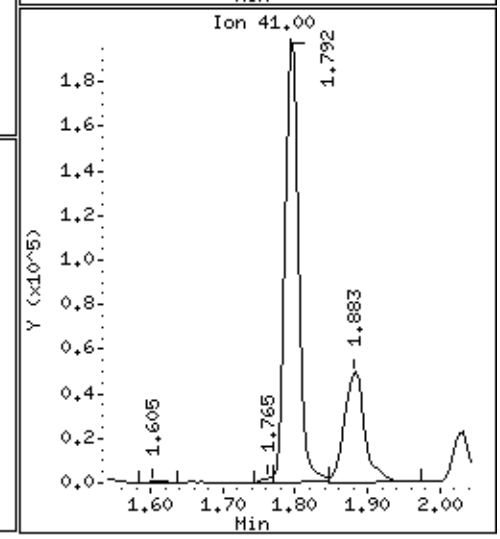












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

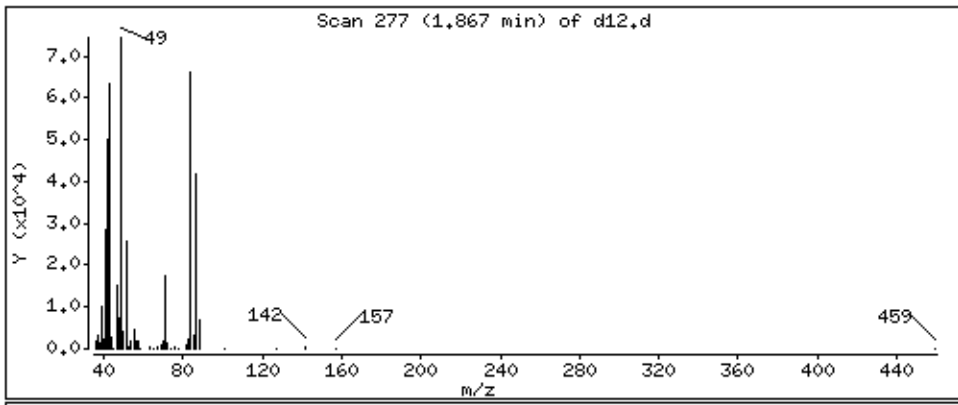
Column phase: DB-624

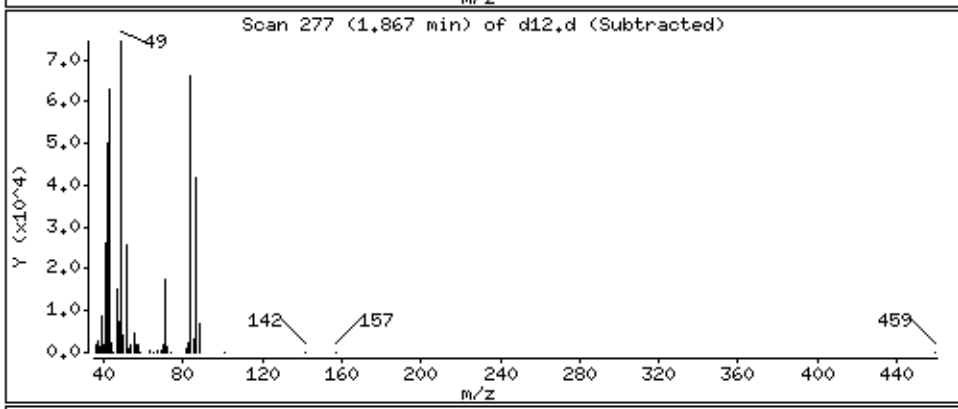
Column diameter: 0.18

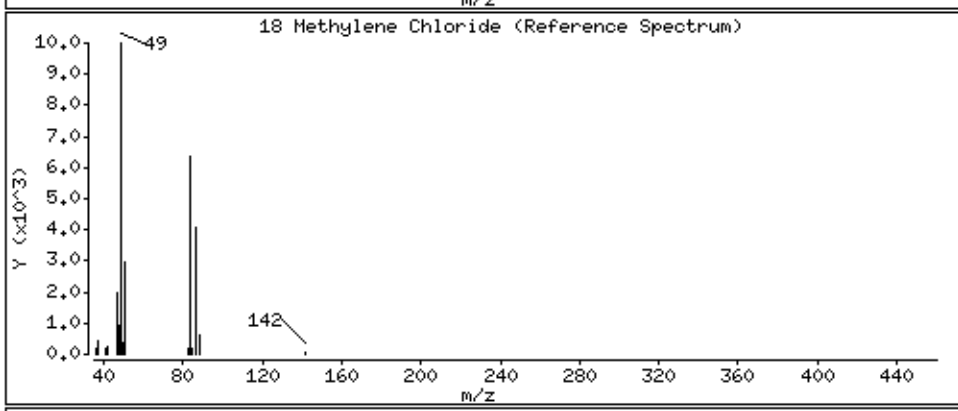
18 Methylene Chloride

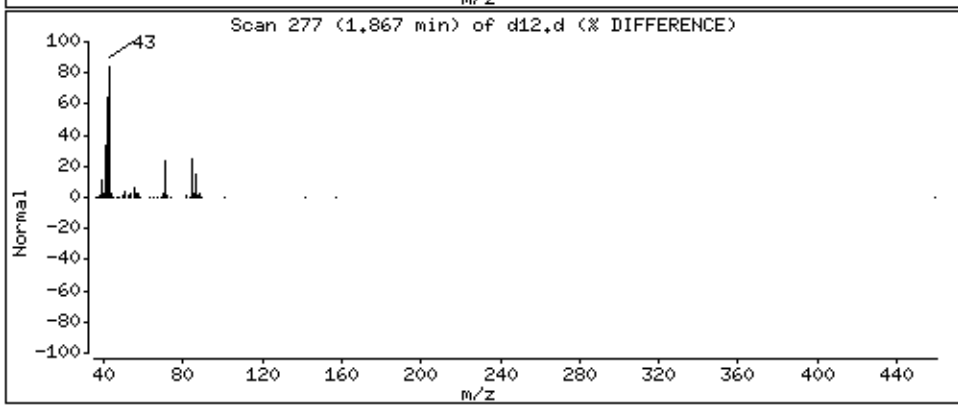
Concentration: 53.3 ppb

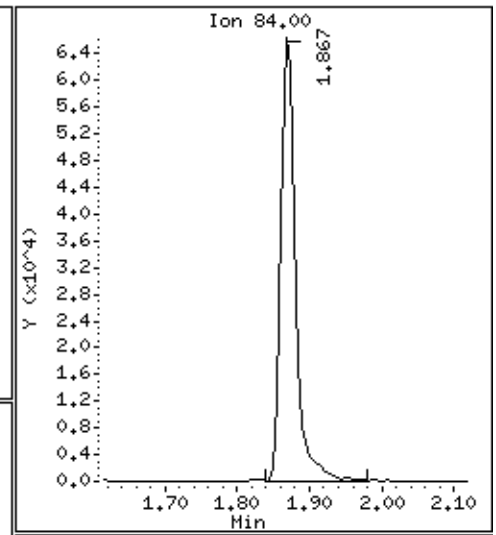
Review Code:

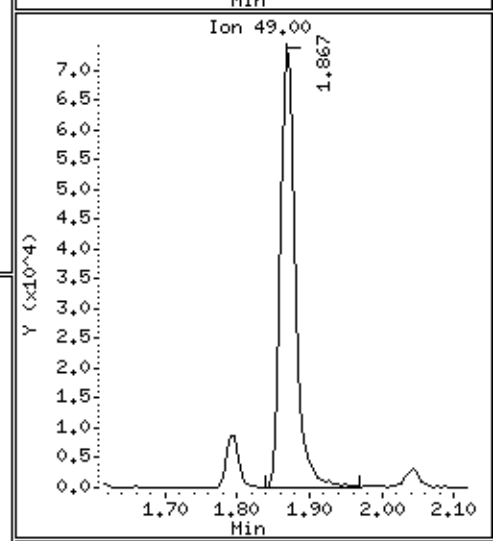


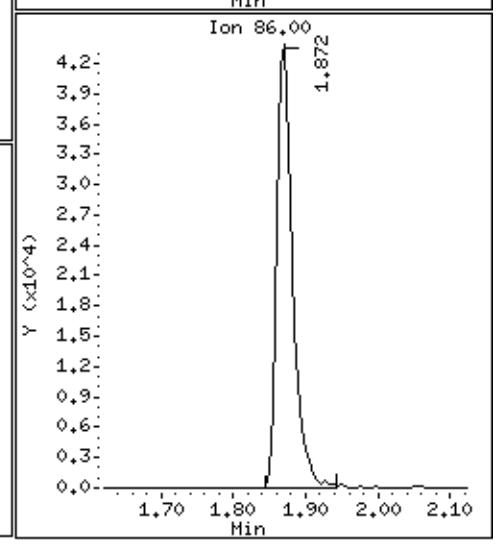












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

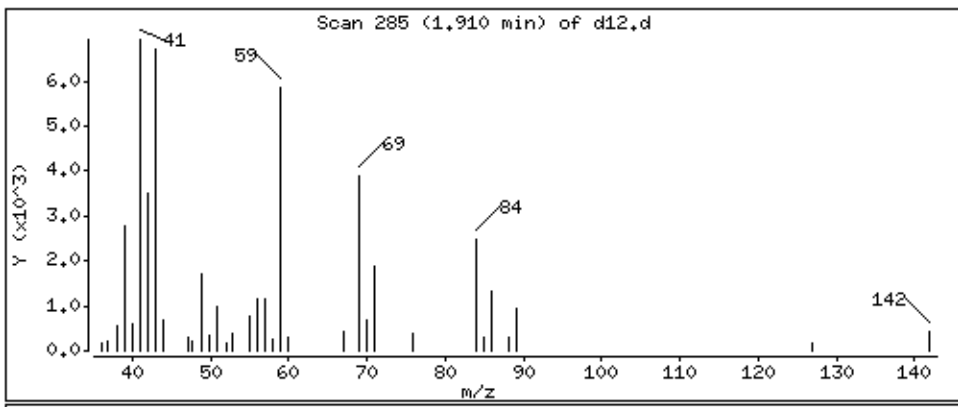
Column phase: DB-624

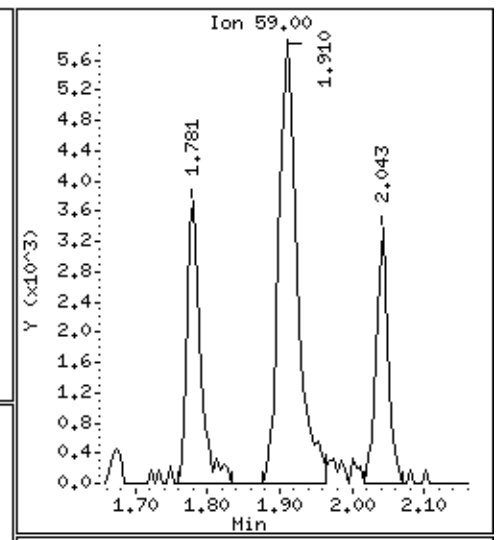
Column diameter: 0.18

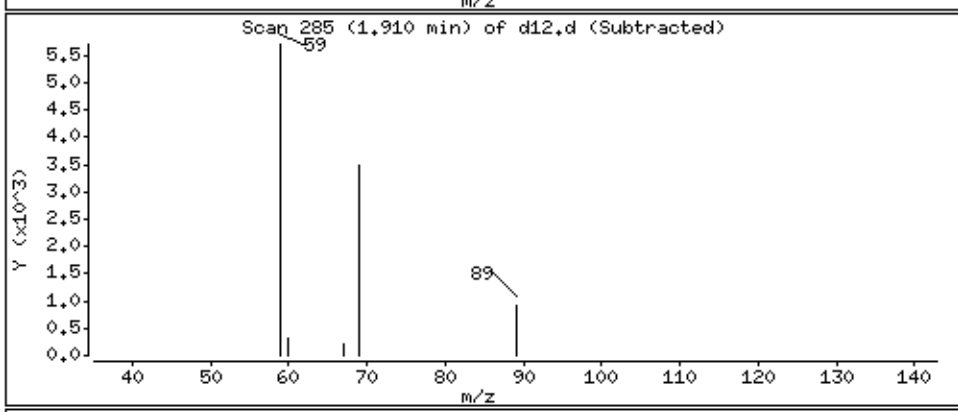
19 tert-Butyl Alcohol

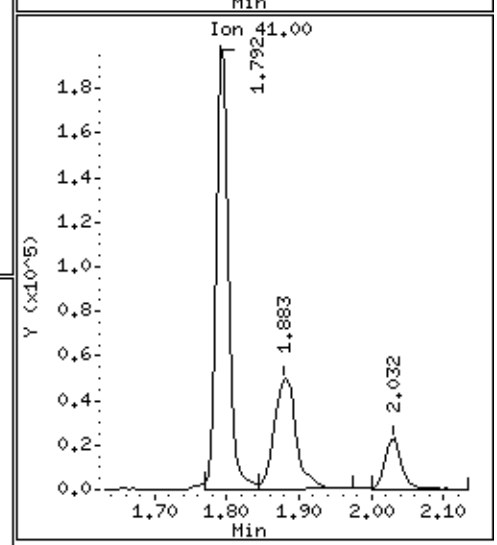
Concentration: 87.1 ppb

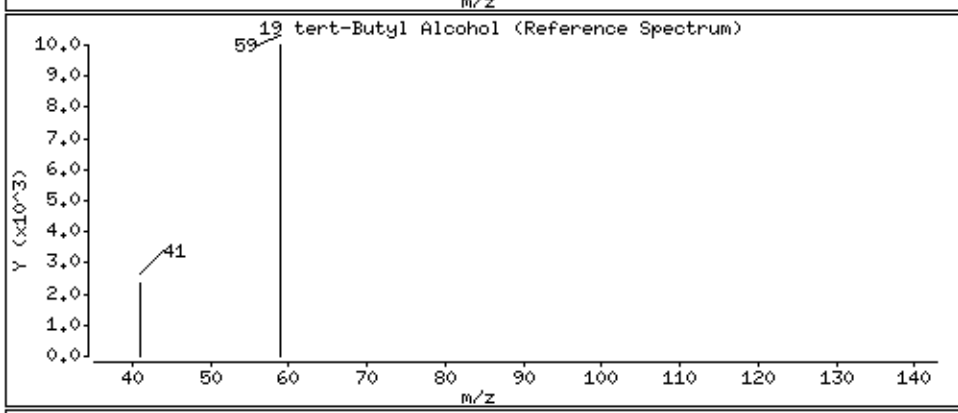
Review Code:

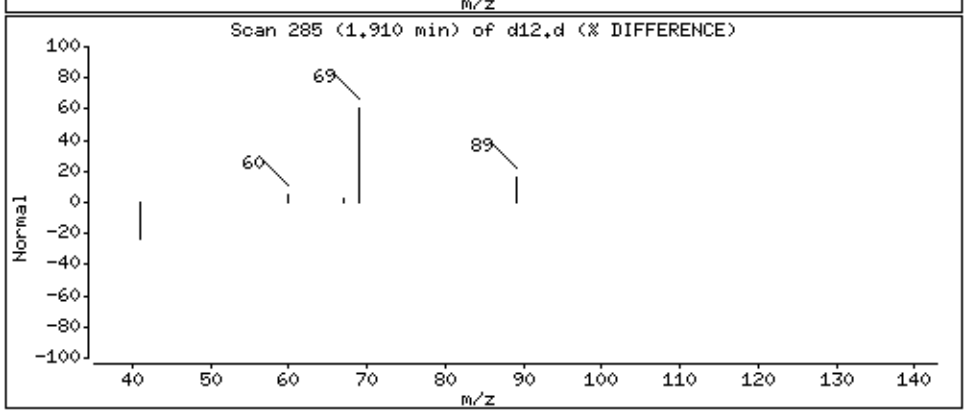












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

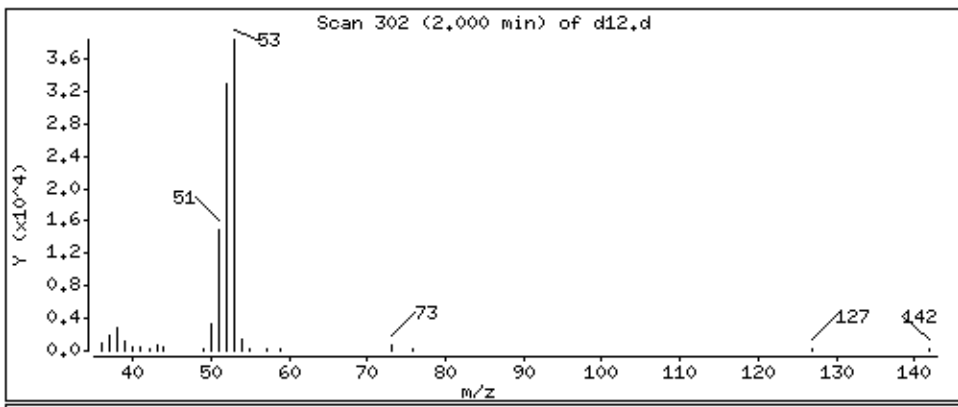
Column phase: DB-624

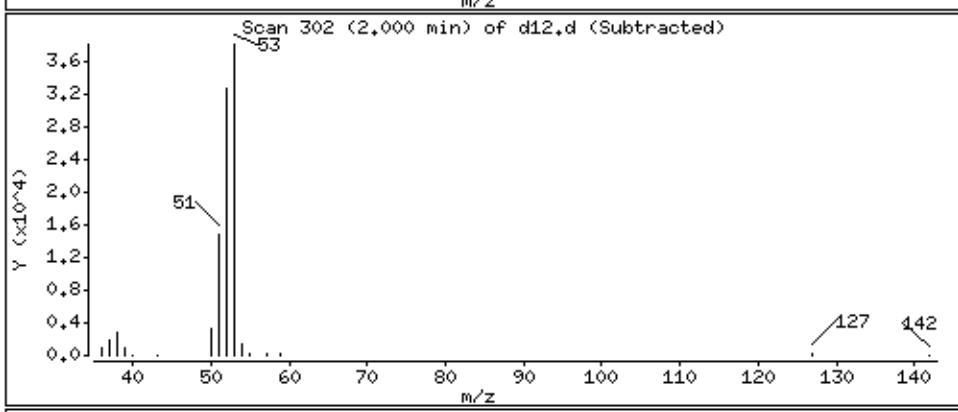
Column diameter: 0.18

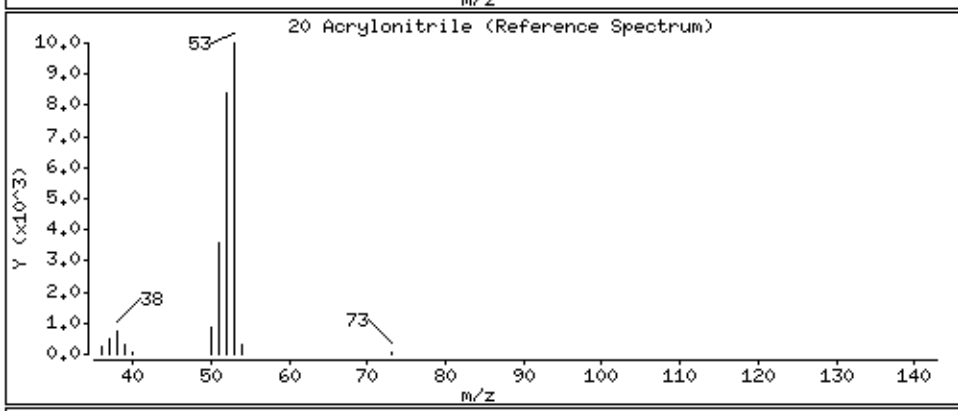
20 Acrylonitrile

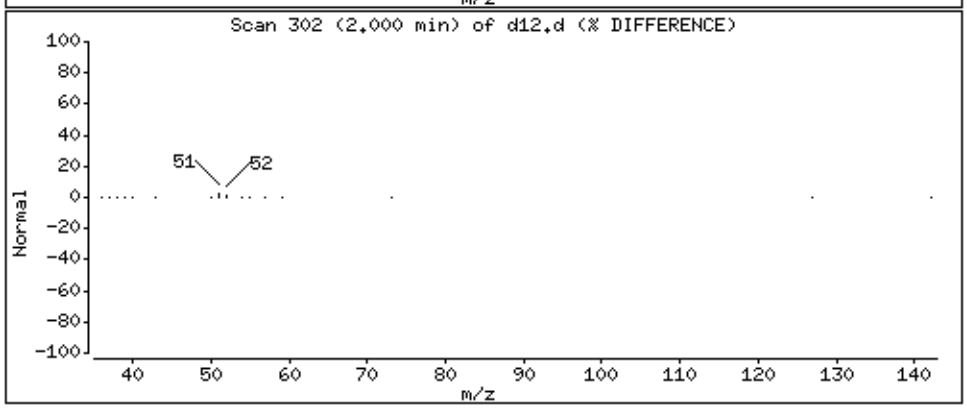
Concentration: 192 ppb

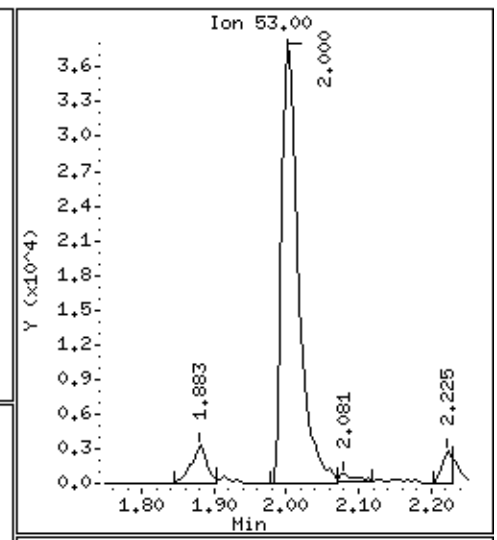
Review Code:

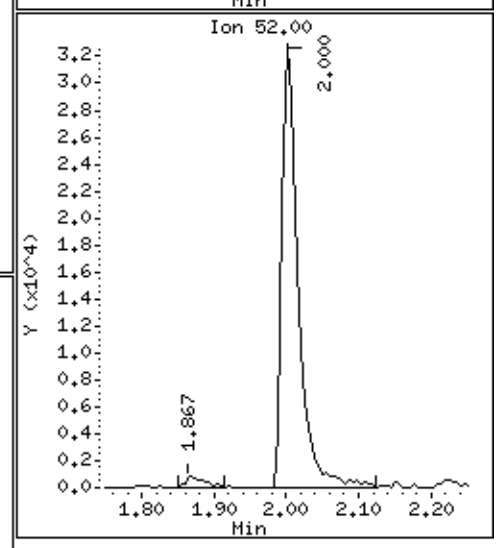












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

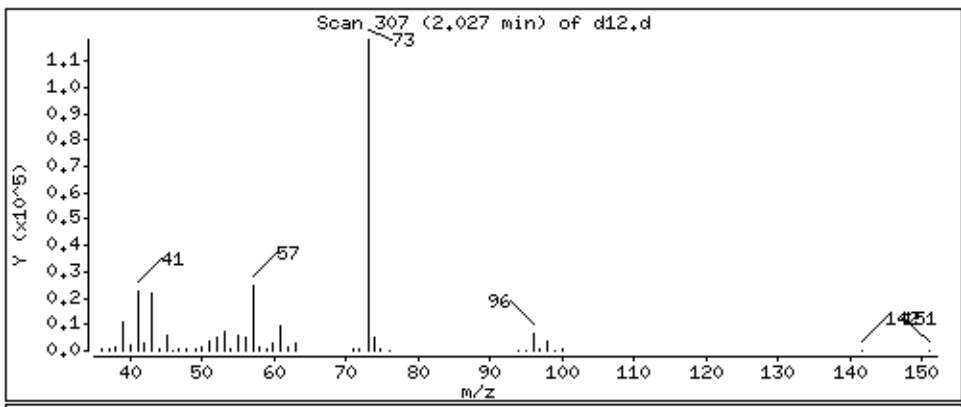
Column phase: DB-624

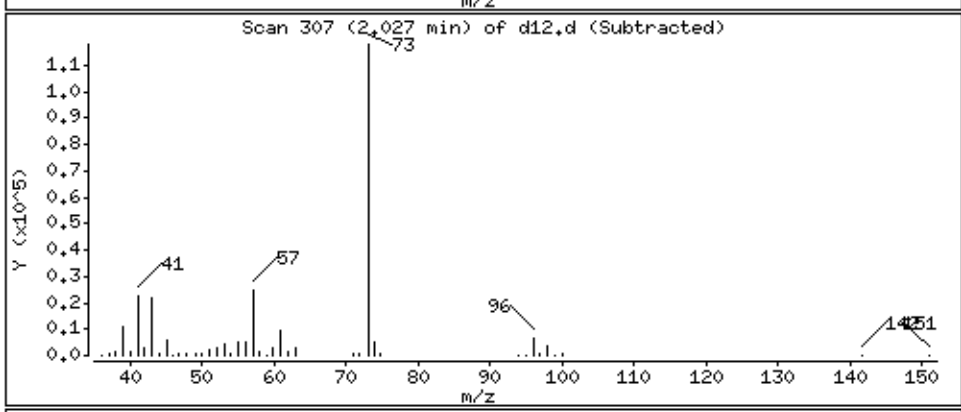
Column diameter: 0.18

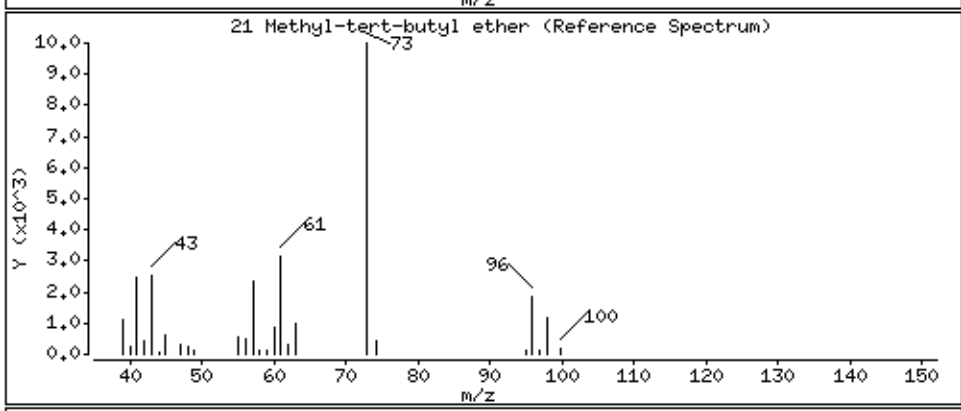
21 Methyl-tert-butyl ether

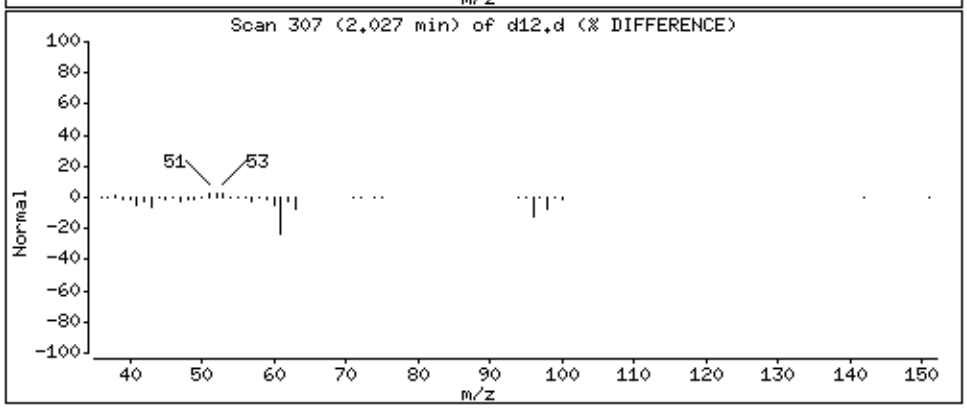
Concentration: 46.4 ppb

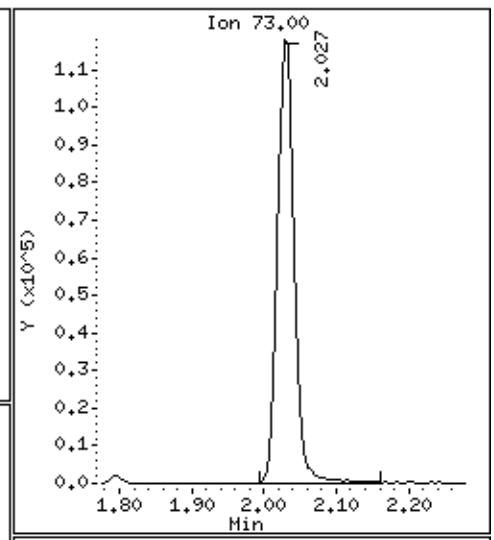
Review Code:

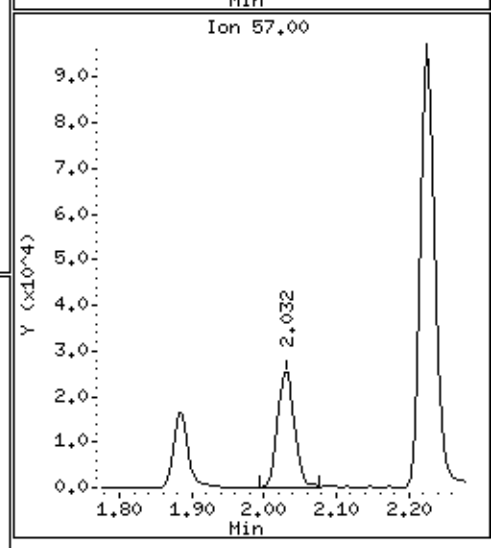












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

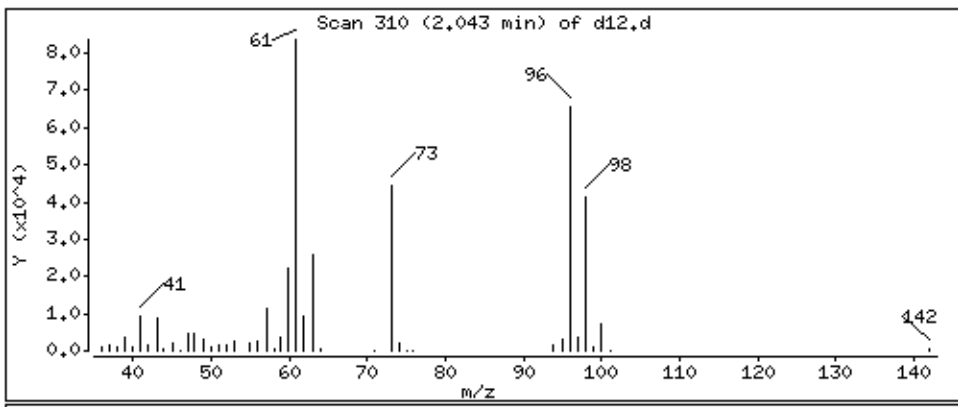
Column phase: DB-624

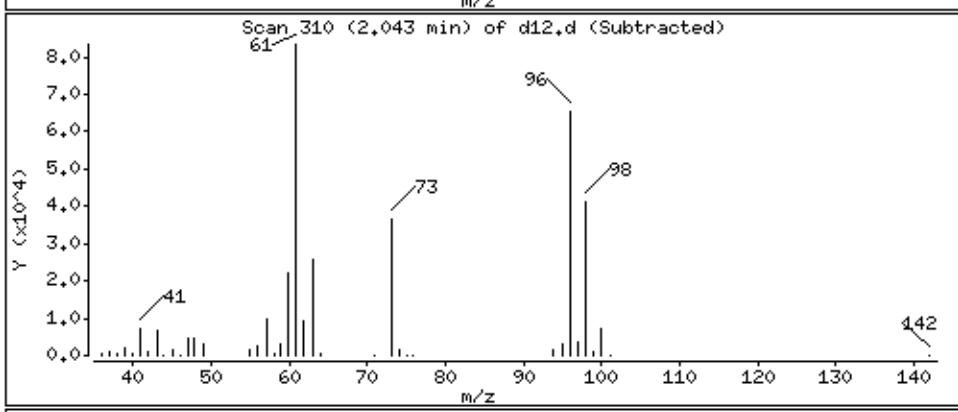
Column diameter: 0.18

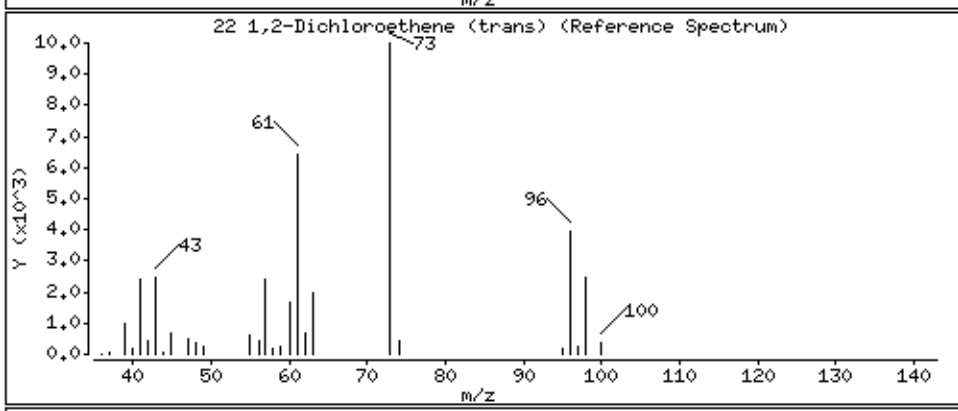
22 1,2-Dichloroethene (trans)

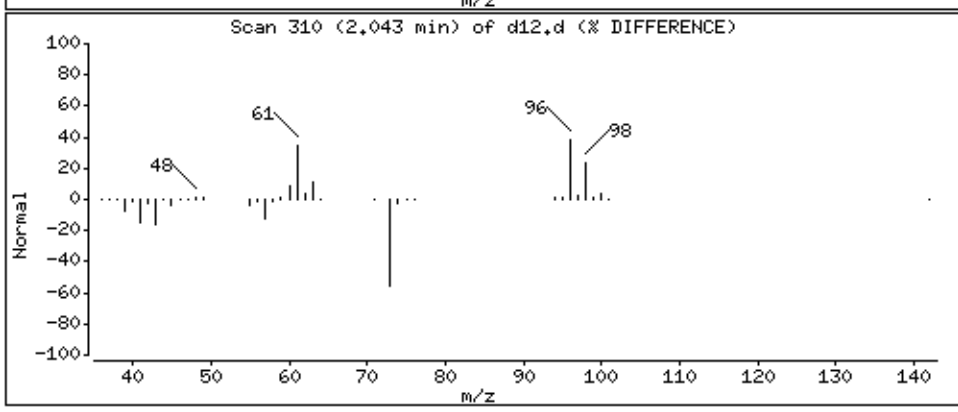
Concentration: 41.2 ppb

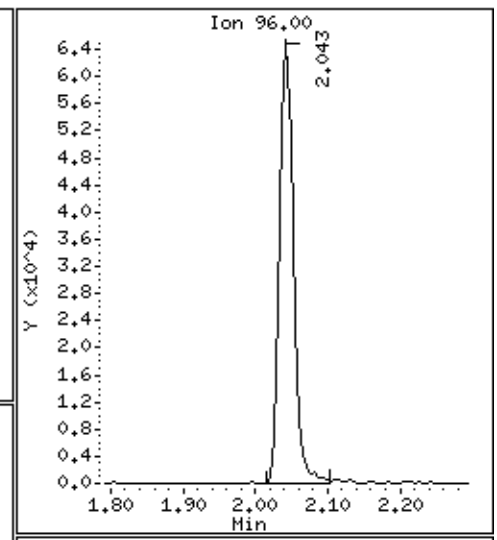
Review Code:

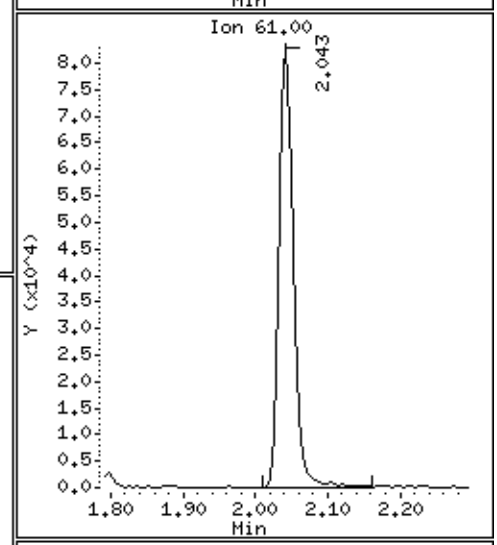


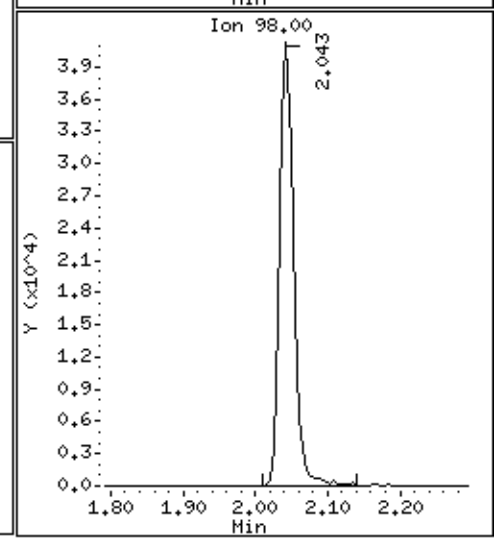












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

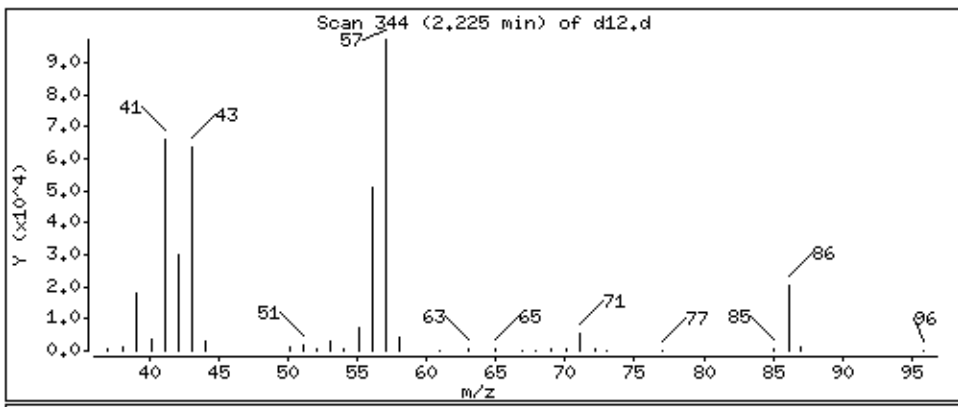
Column phase: DB-624

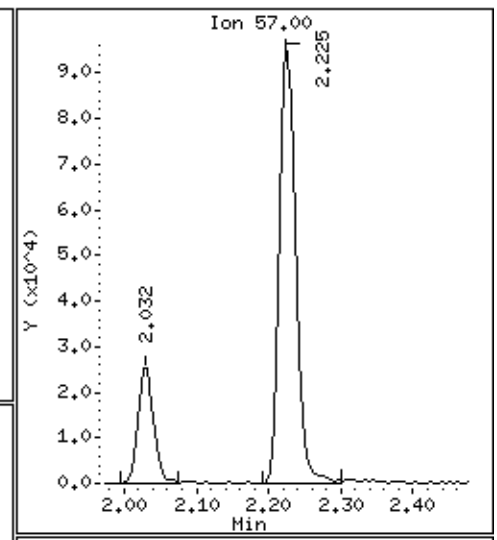
Column diameter: 0.18

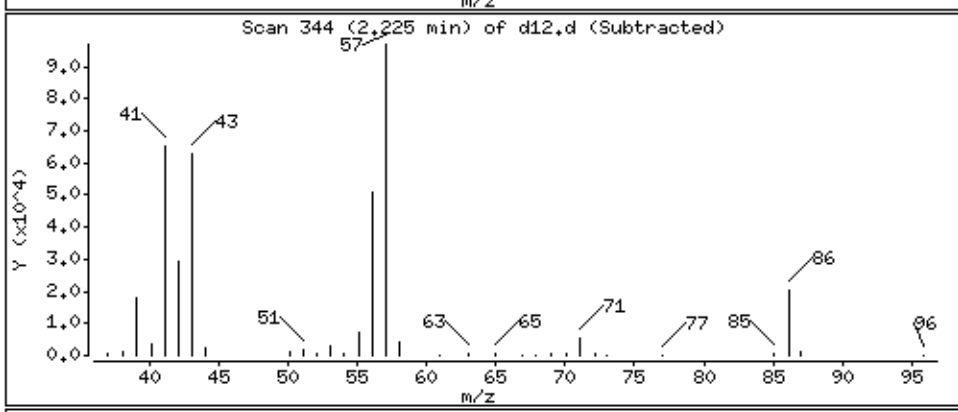
23 n-Hexane

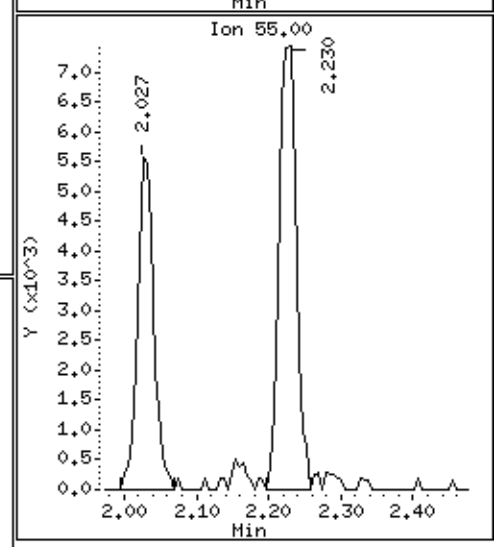
Concentration: 37.2 ppb

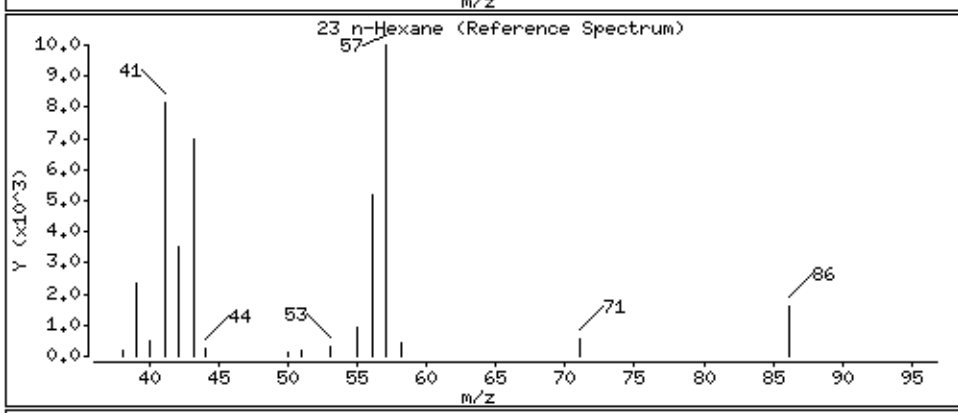
Review Code:

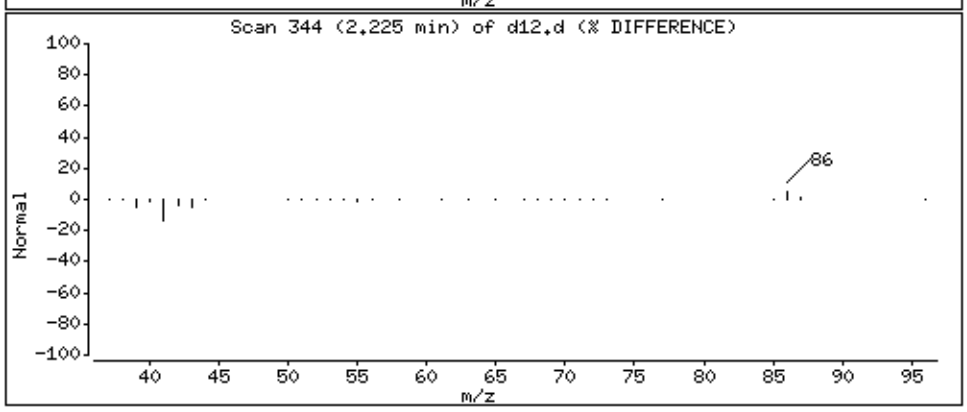












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

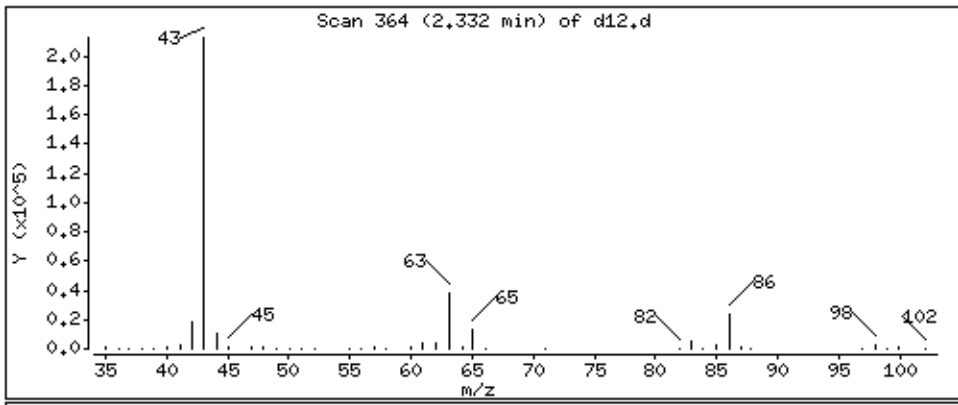
Column phase: DB-624

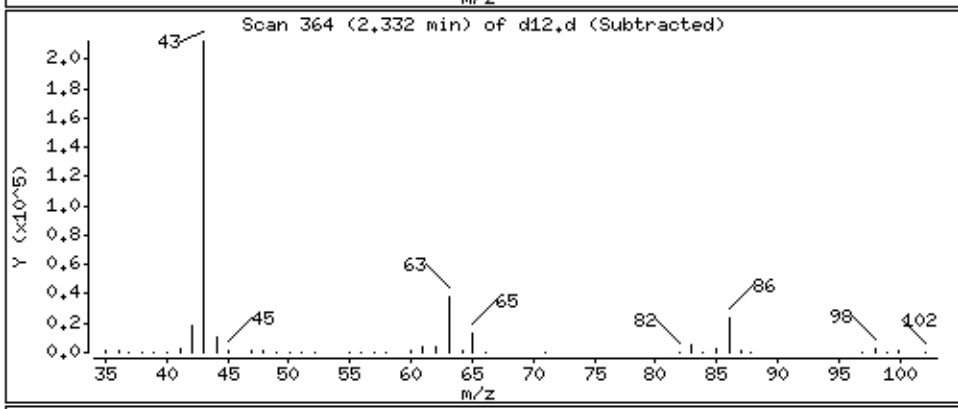
Column diameter: 0.18

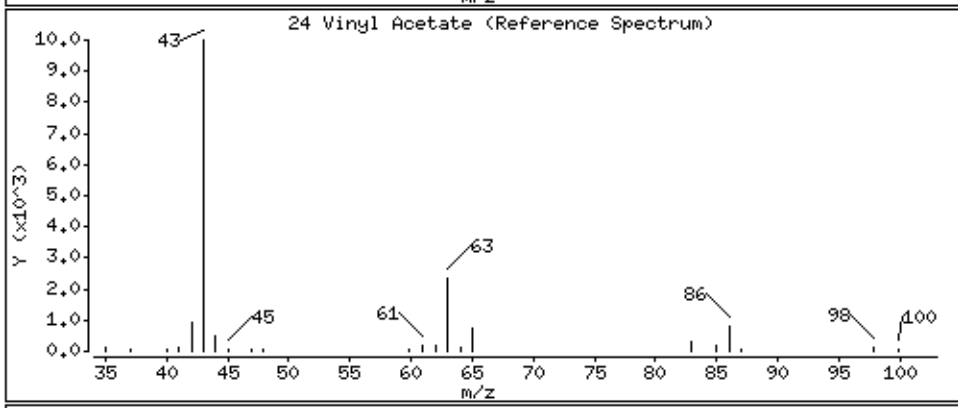
24 Vinyl Acetate

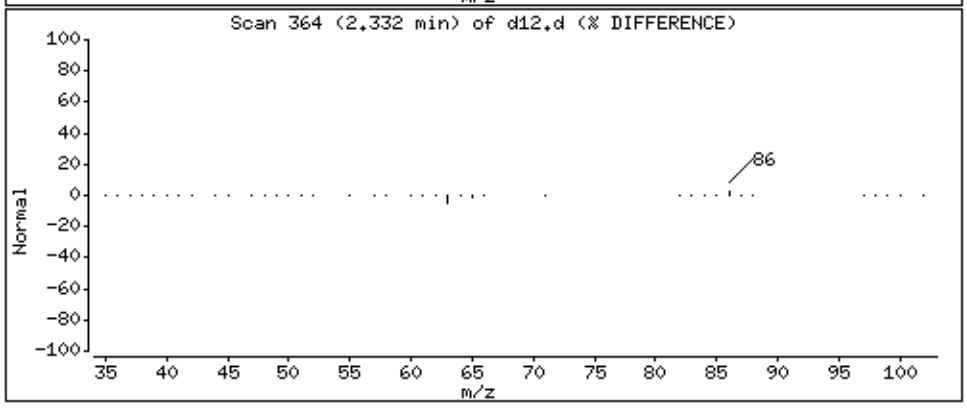
Concentration: 134 ppb

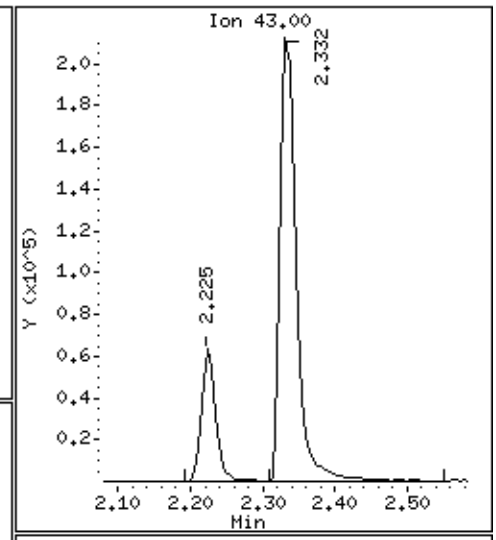
Review Code:

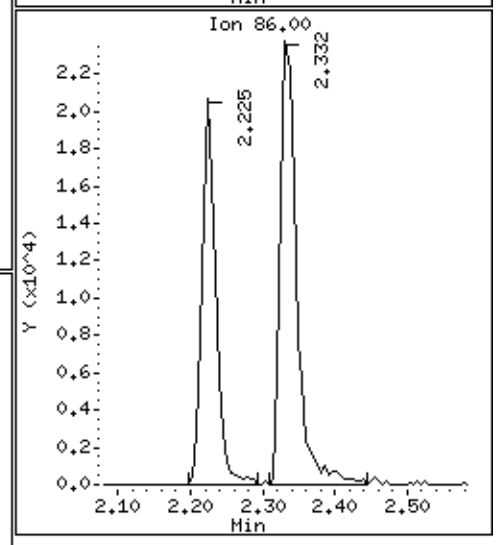












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

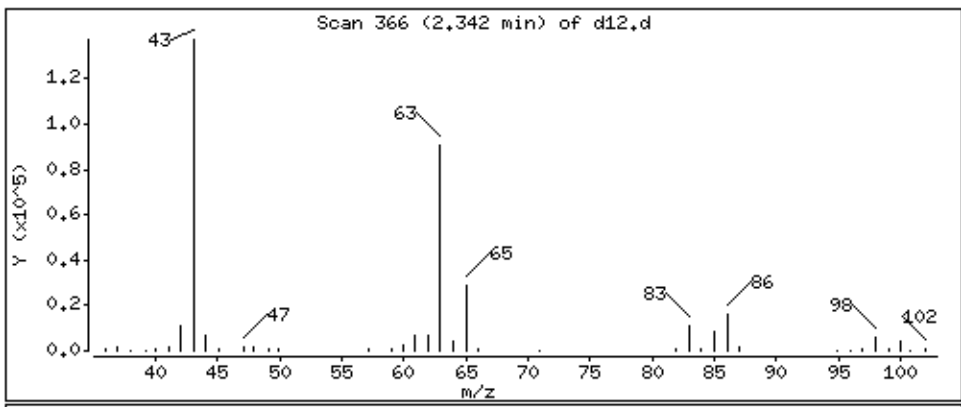
Column phase: DB-624

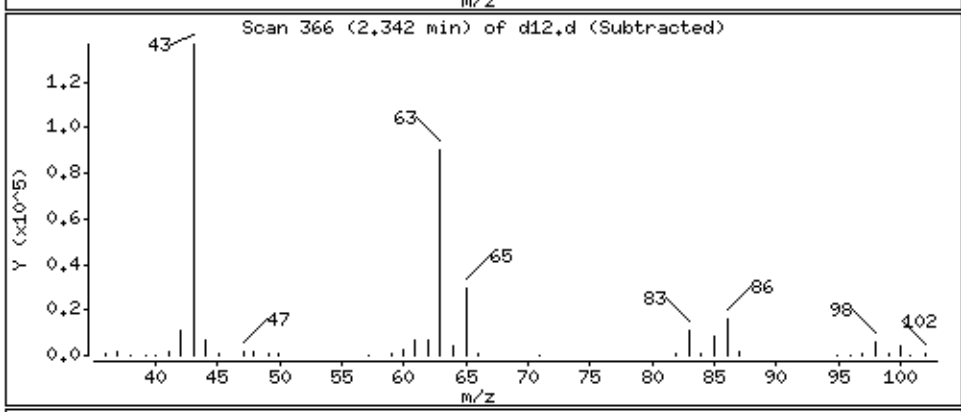
Column diameter: 0.18

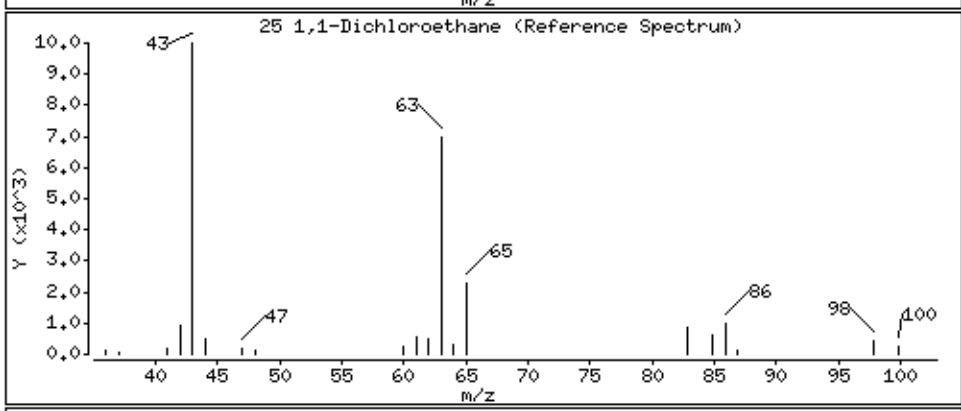
25 1,1-Dichloroethane

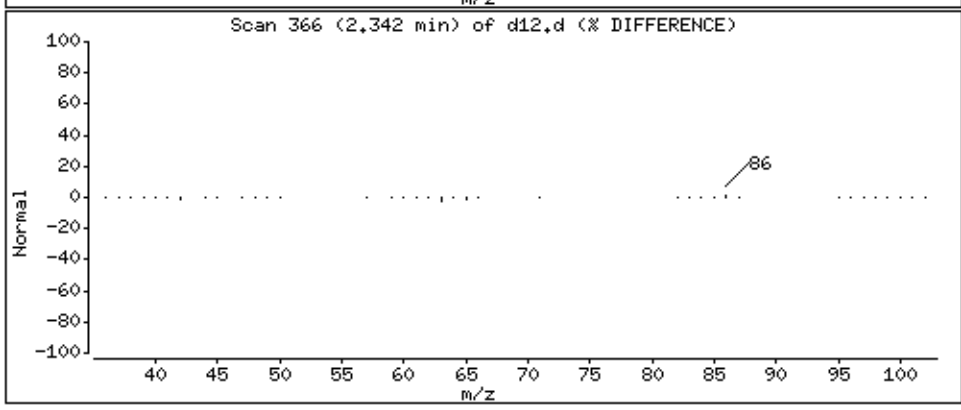
Concentration: 40.0 ppb

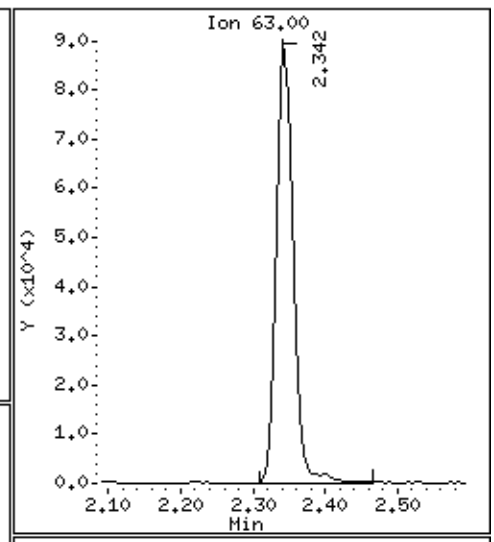
Review Code:

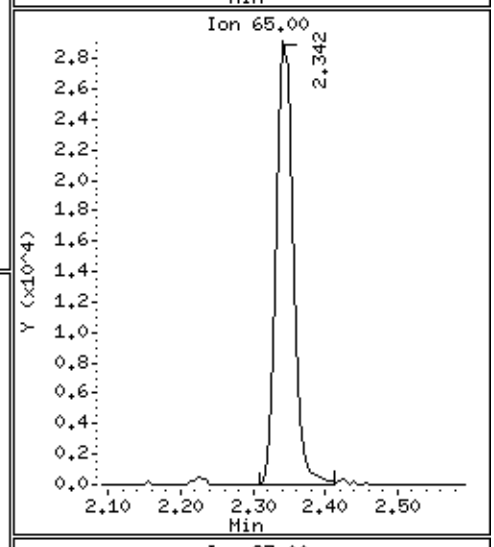


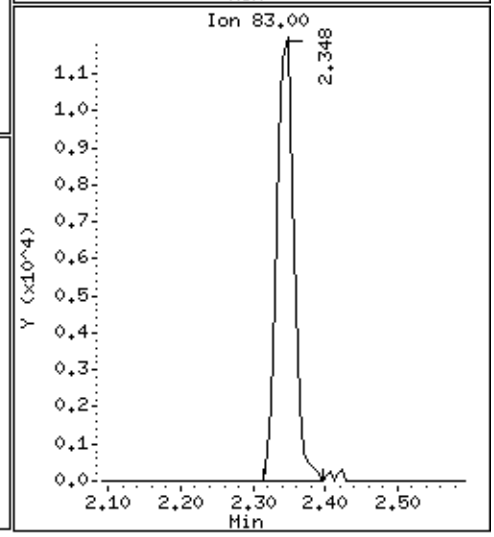












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

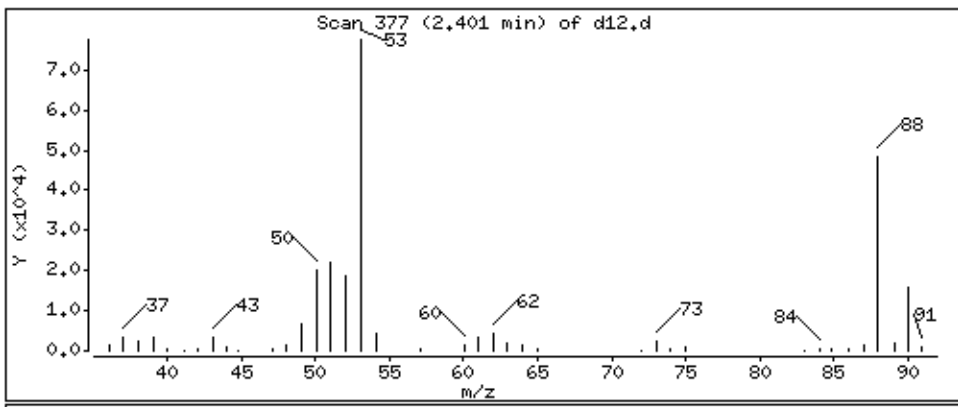
Column phase: DB-624

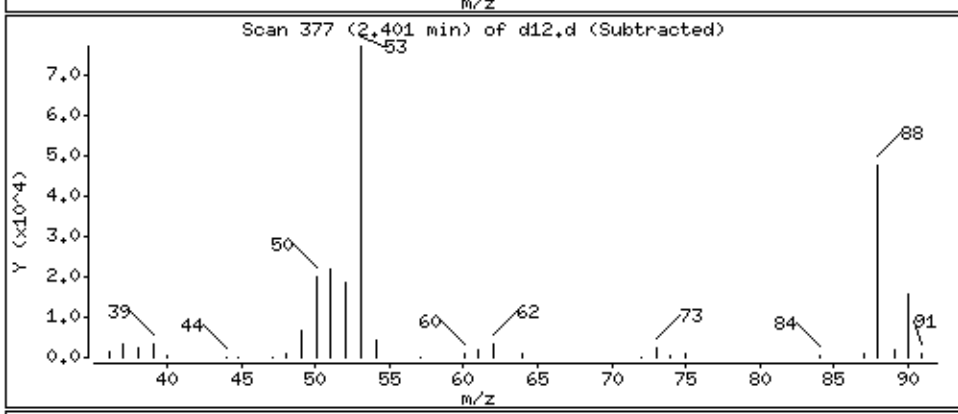
Column diameter: 0.18

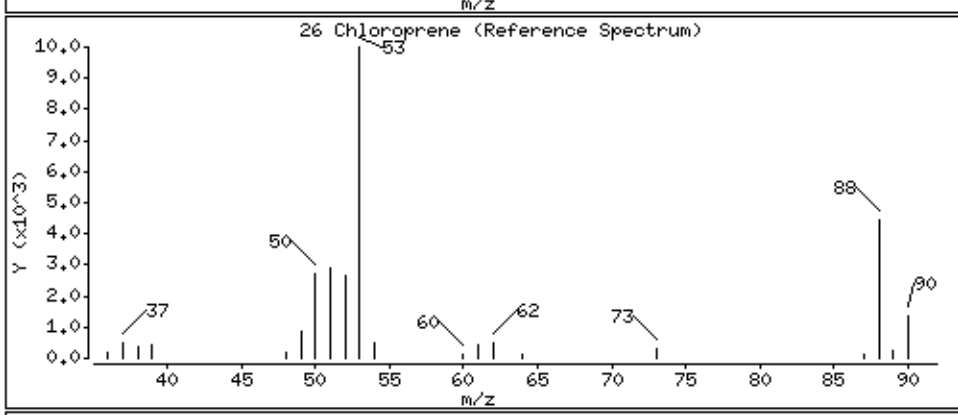
26 Chloroprene

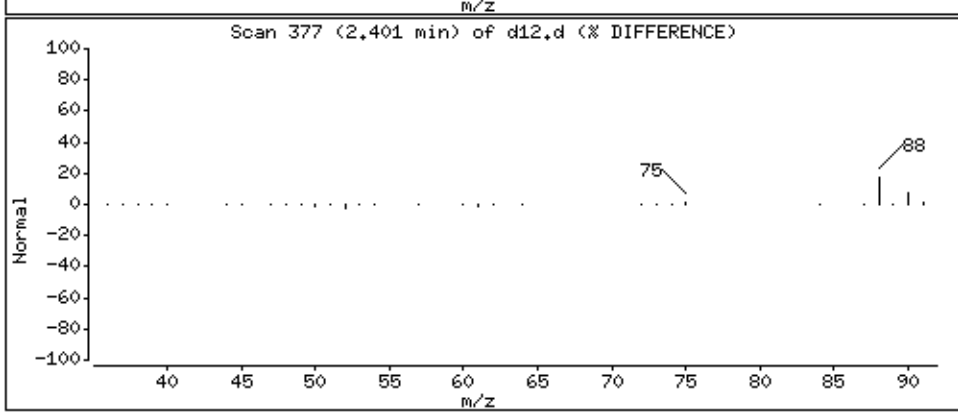
Concentration: 35.6 ppb

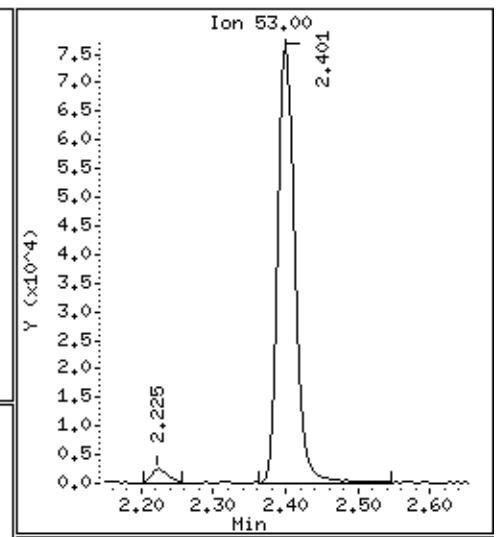
Review Code:

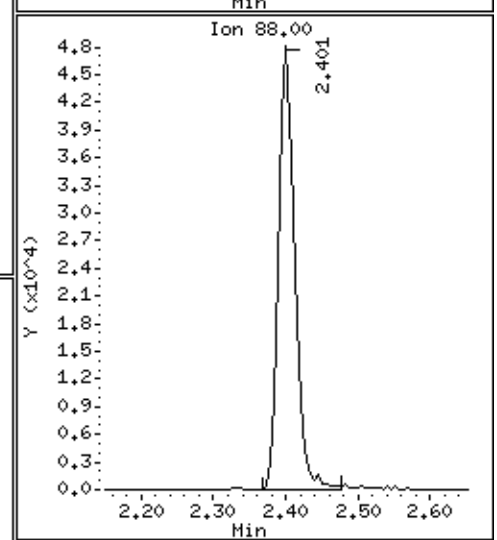


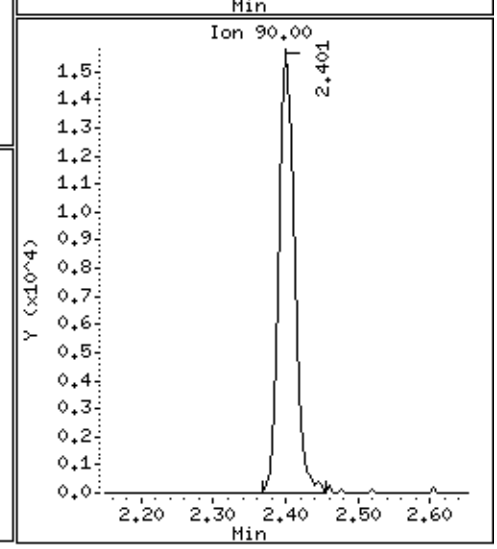












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

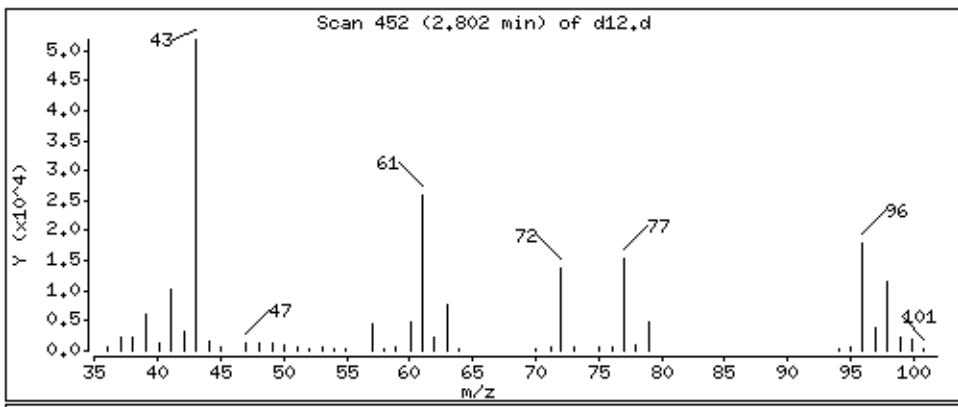
Column phase: DB-624

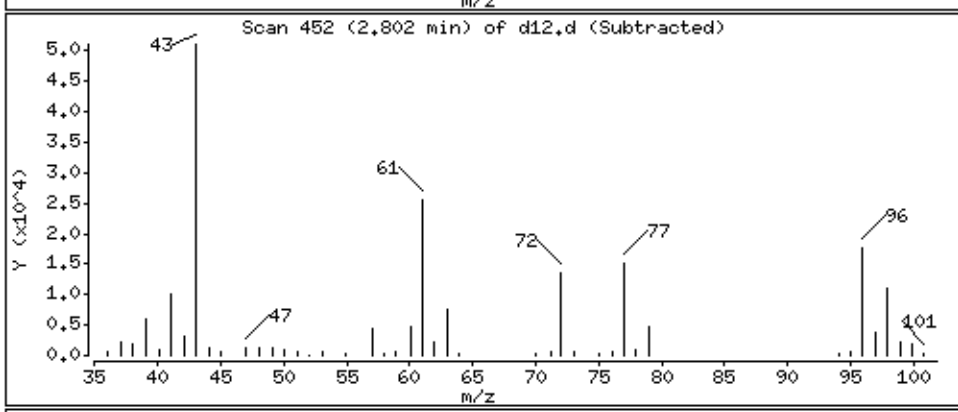
Column diameter: 0.18

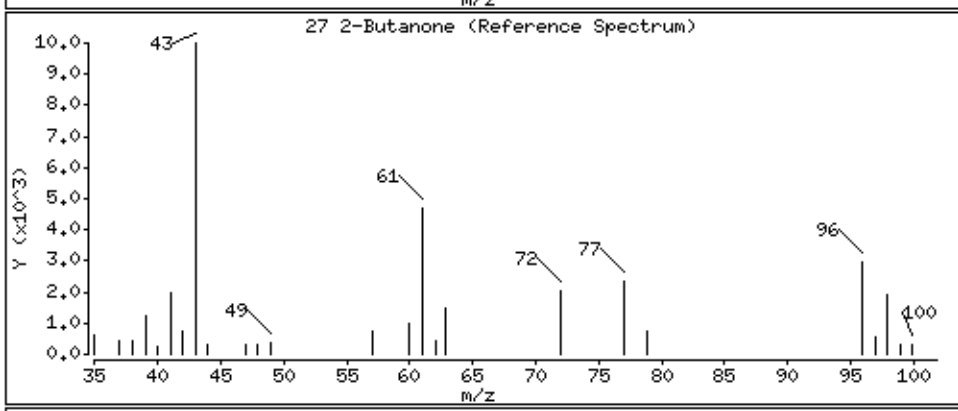
27 2-Butanone

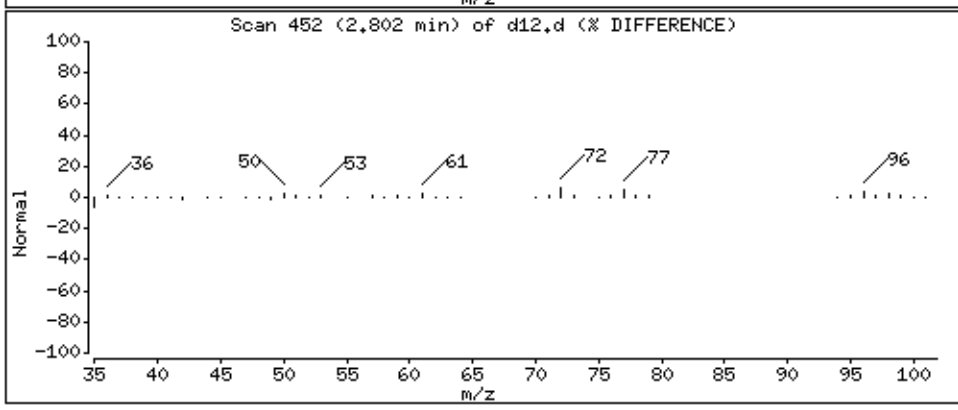
Concentration: 291 ppb

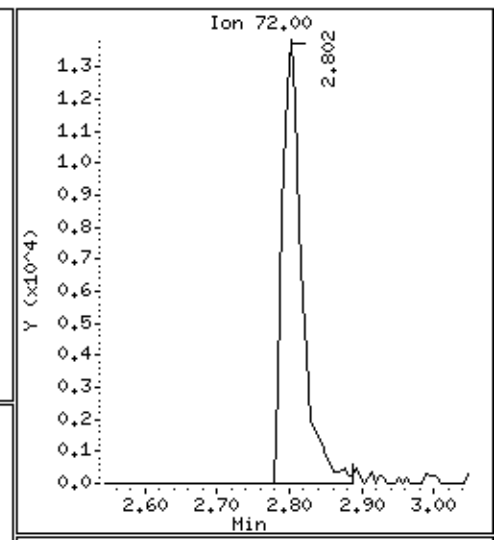
Review Code:

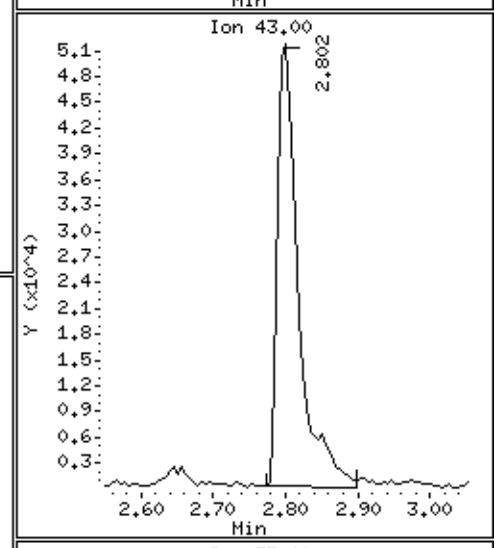


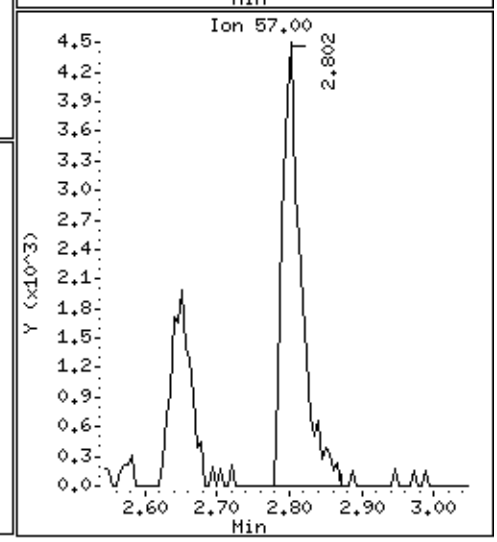












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

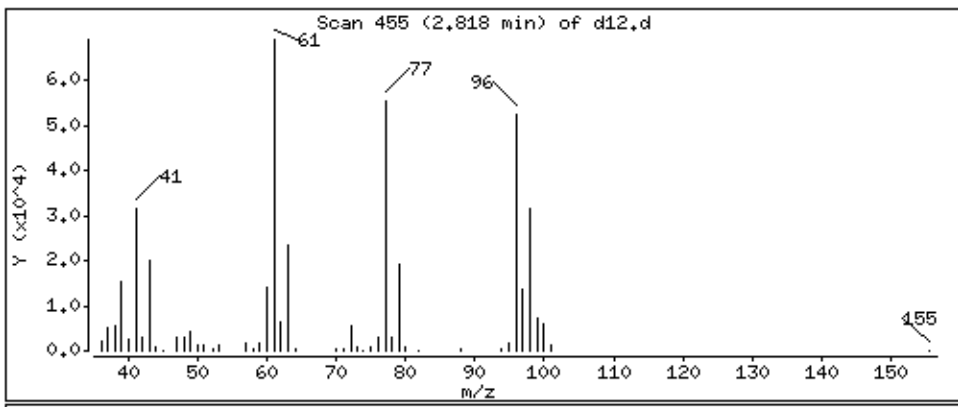
Column phase: DB-624

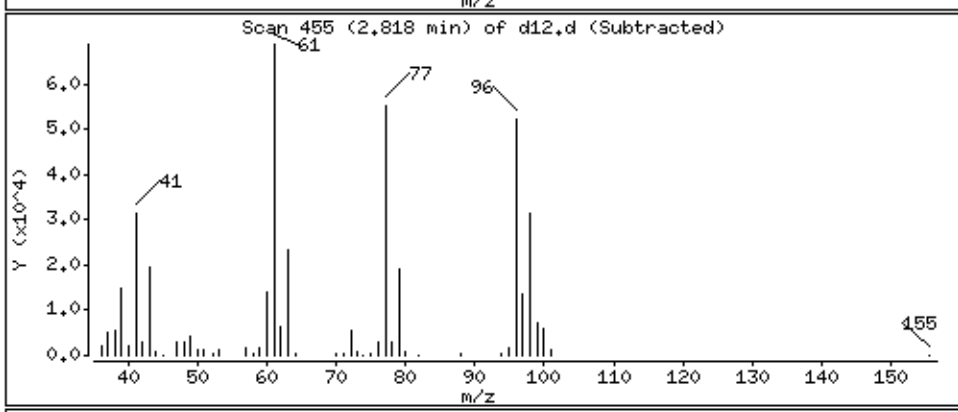
Column diameter: 0.18

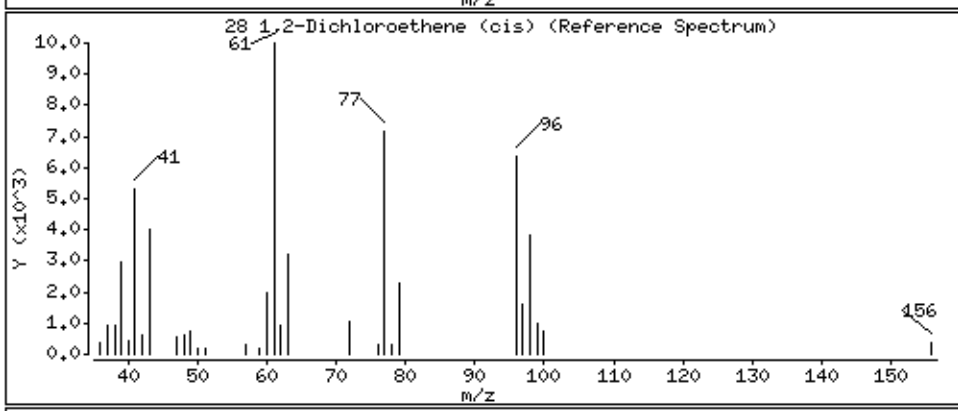
28 1,2-Dichloroethene (cis)

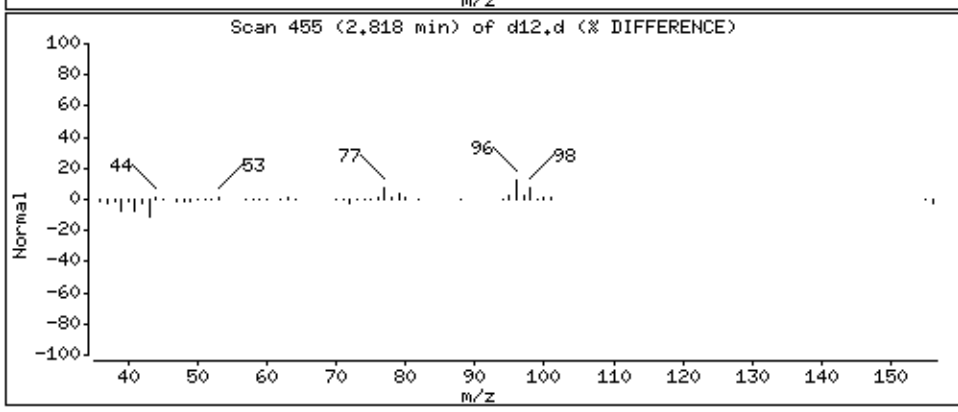
Concentration: 44.1 ppb

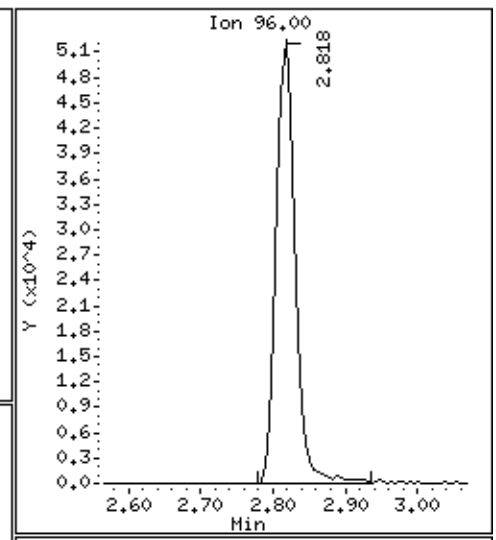
Review Code:

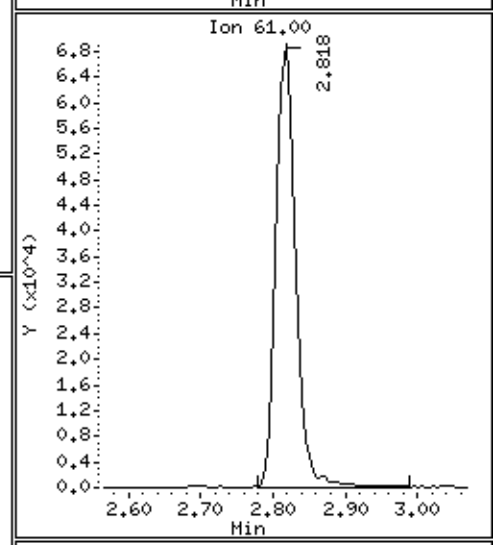


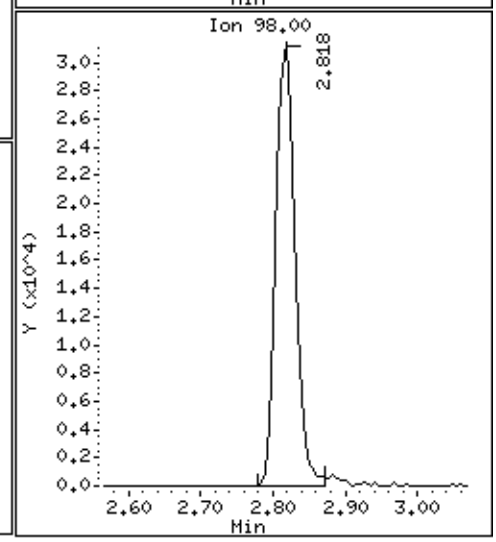












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

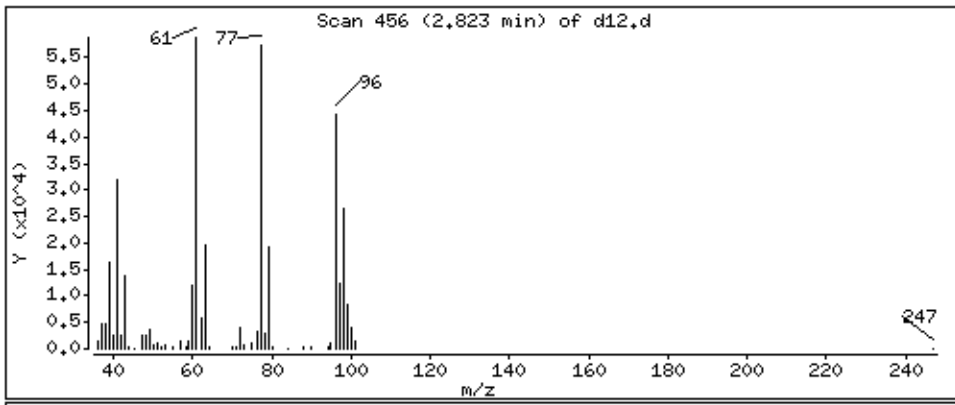
Column phase: DB-624

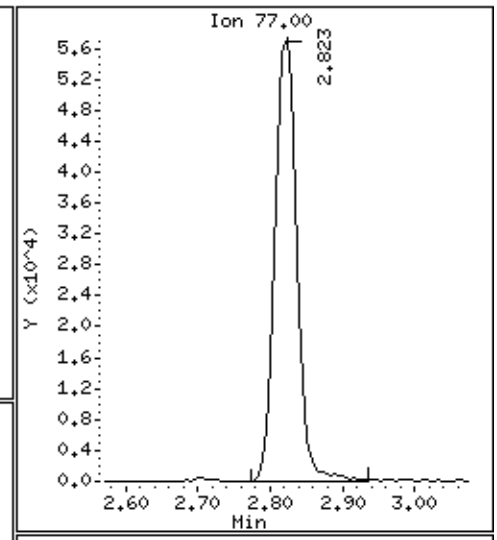
Column diameter: 0.18

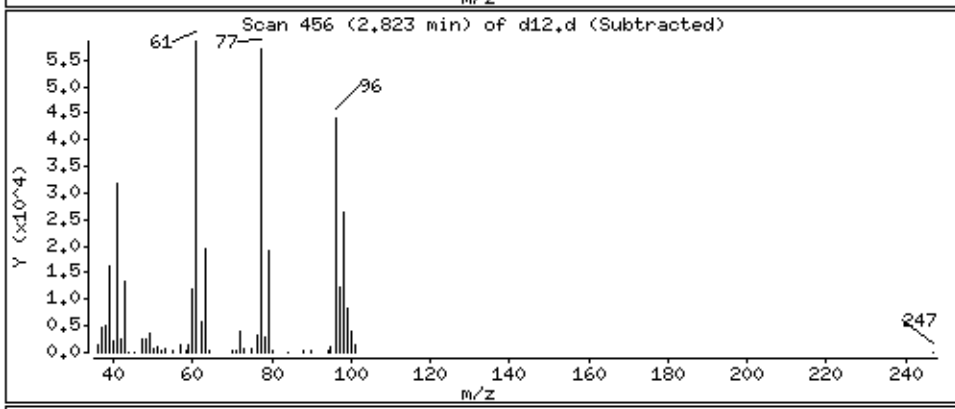
29 2,2-Dichloropropane

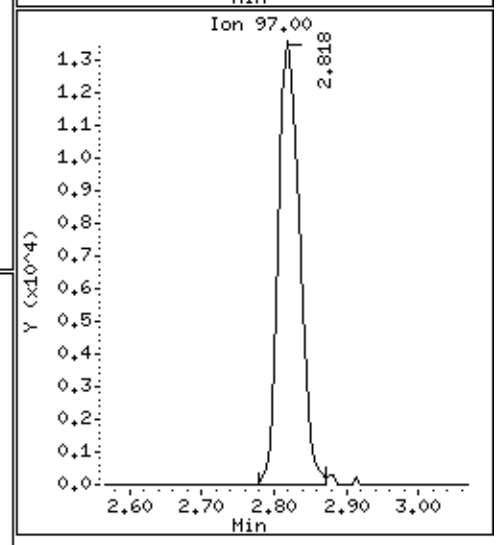
Concentration: 36.3 ppb

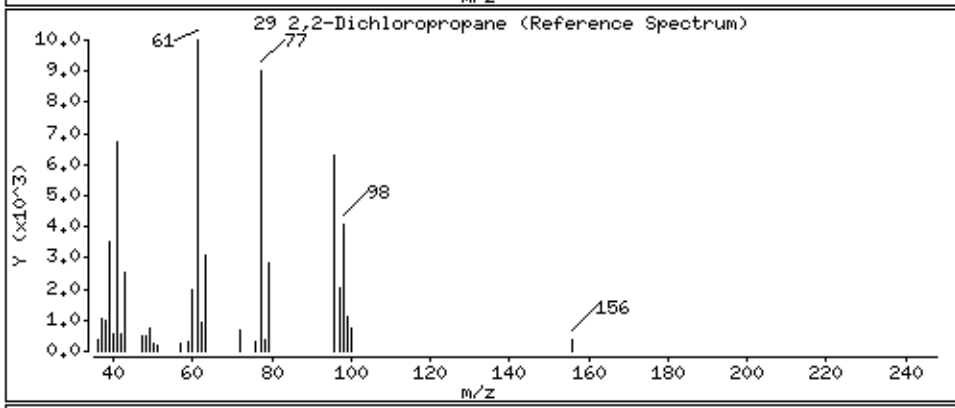
Review Code:

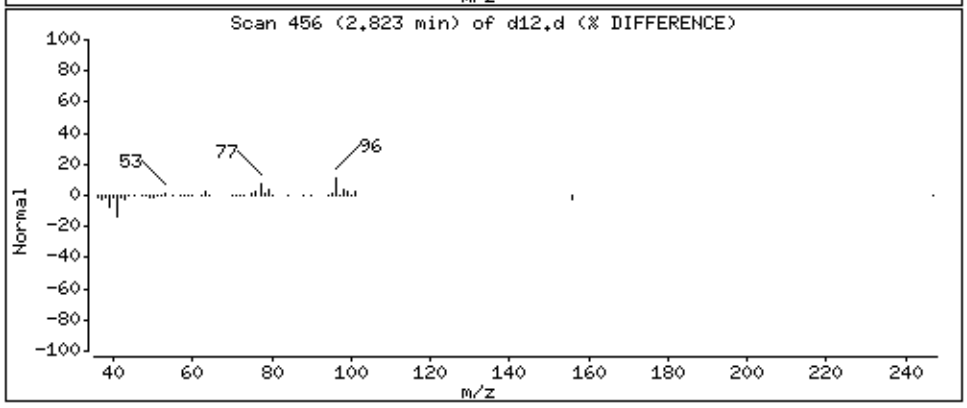












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

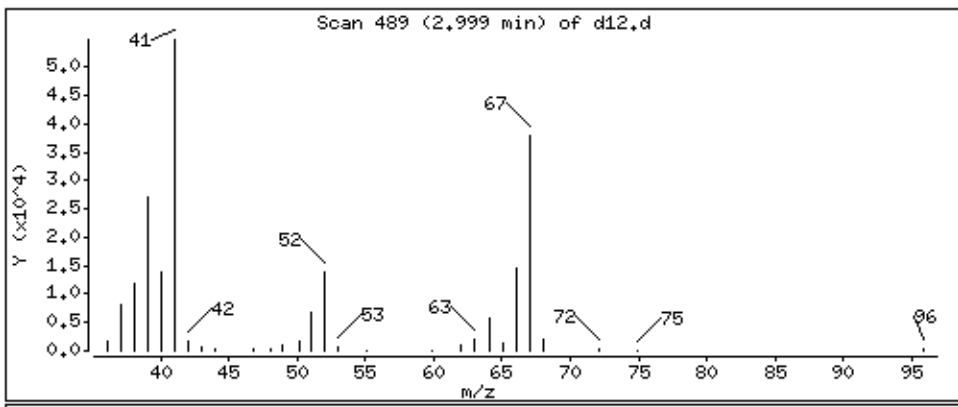
Column phase: DB-624

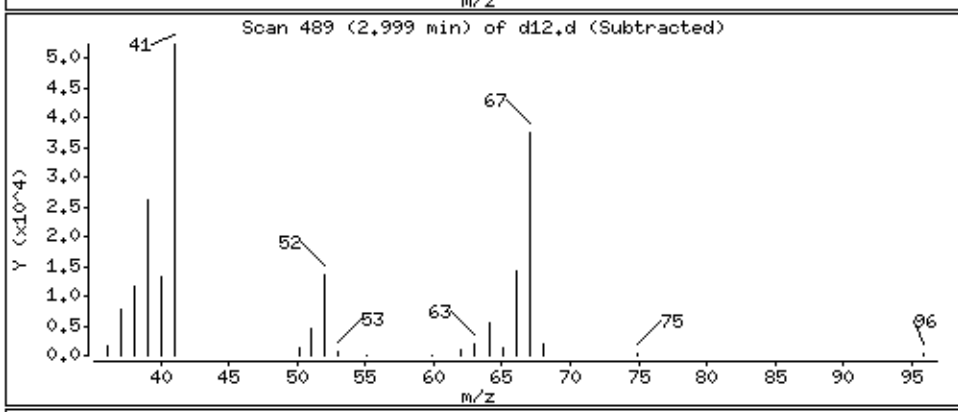
Column diameter: 0.18

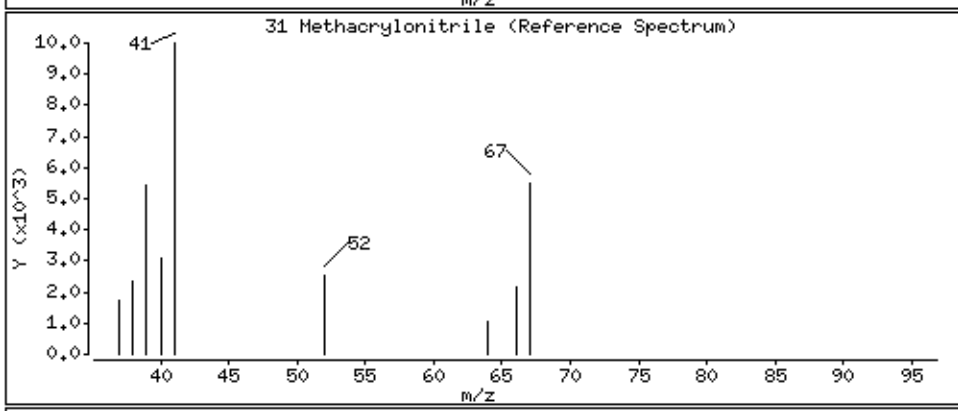
31 Methacrylonitrile

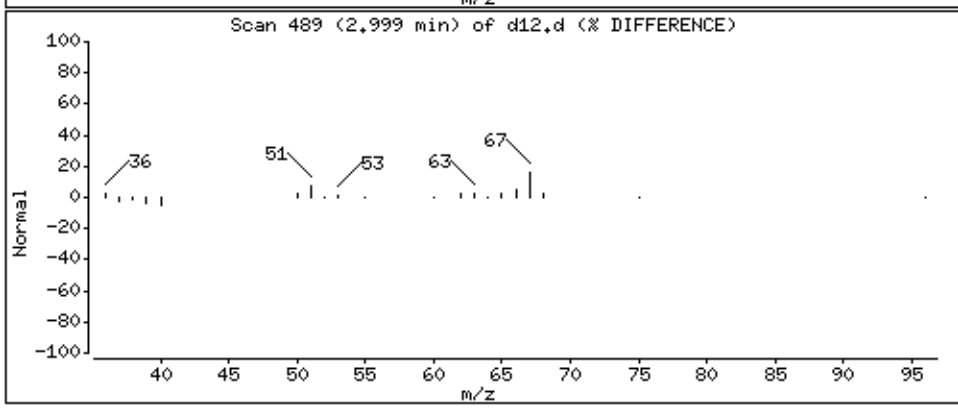
Concentration: 196 ppb

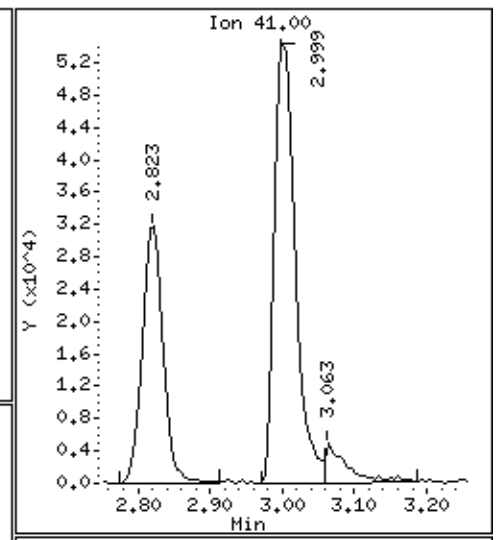
Review Code:

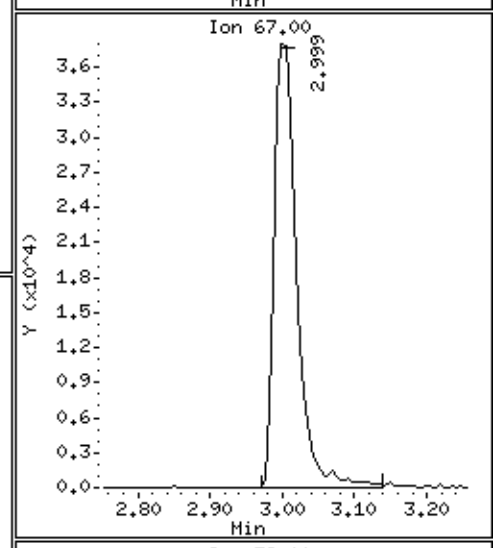


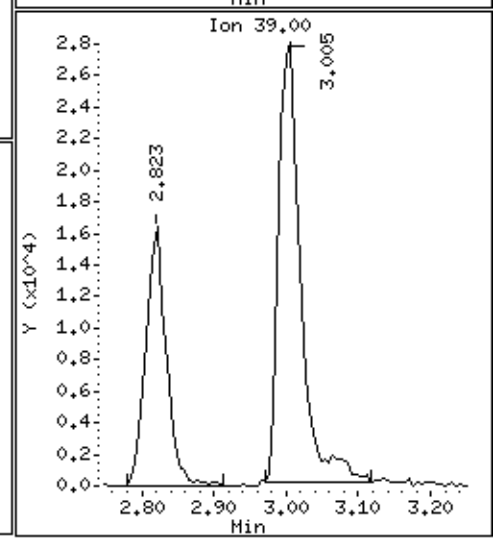












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

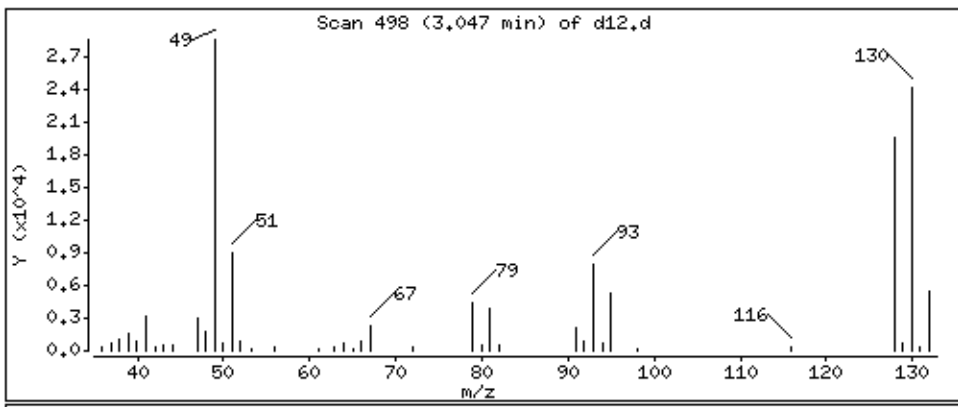
Column phase: DB-624

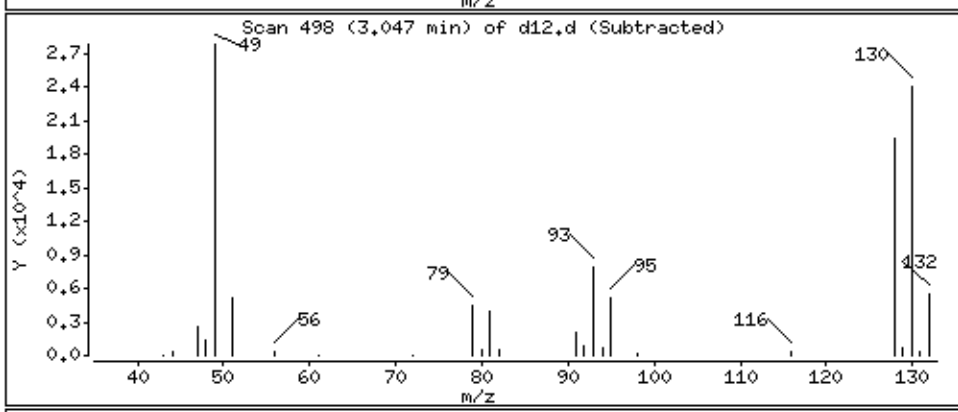
Column diameter: 0.18

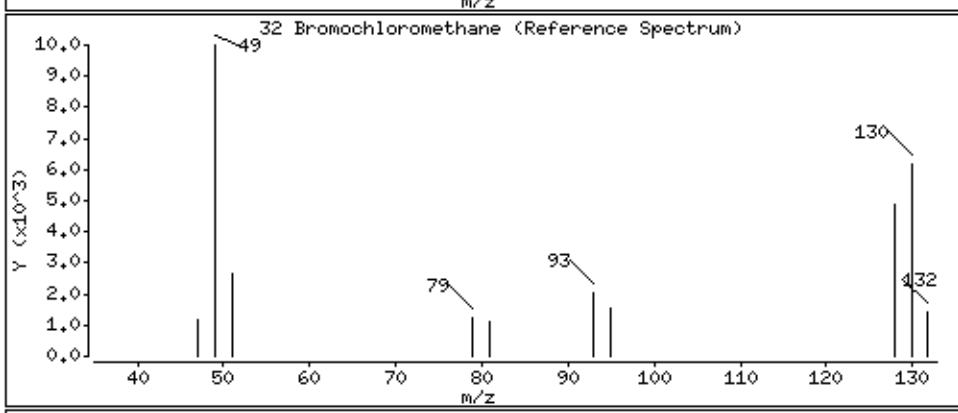
32 Bromochloromethane

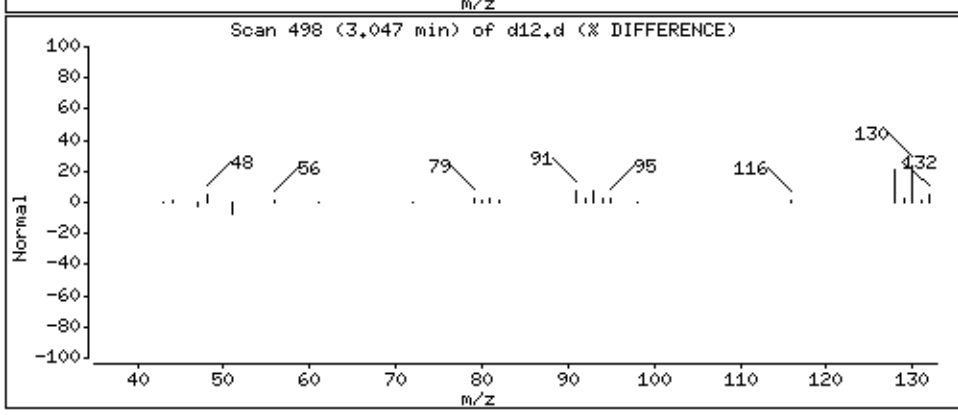
Concentration: 44.7 ppb

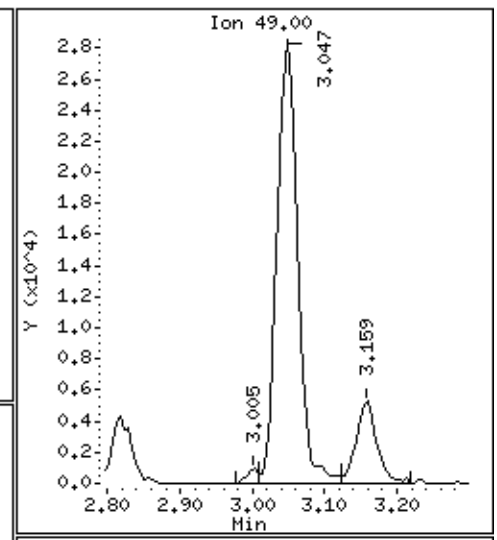
Review Code:

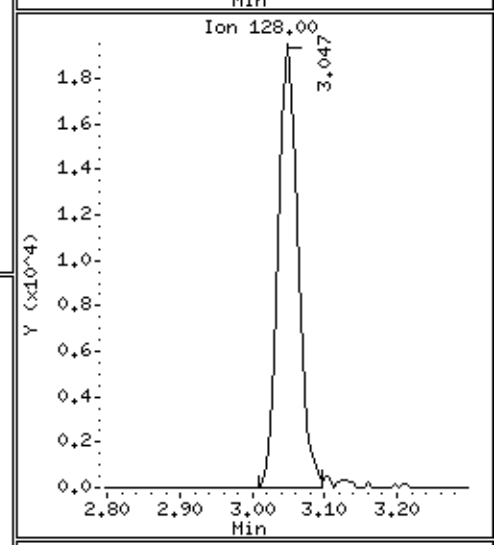


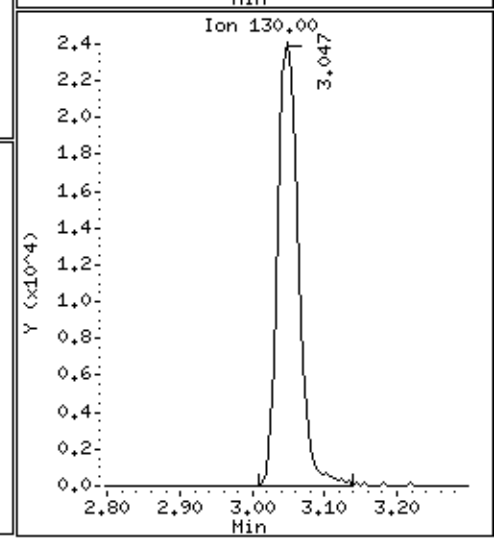












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

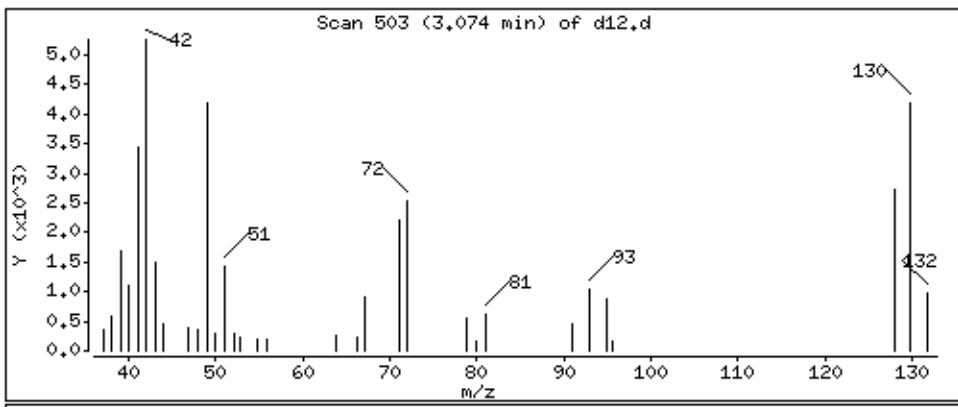
Column phase: DB-624

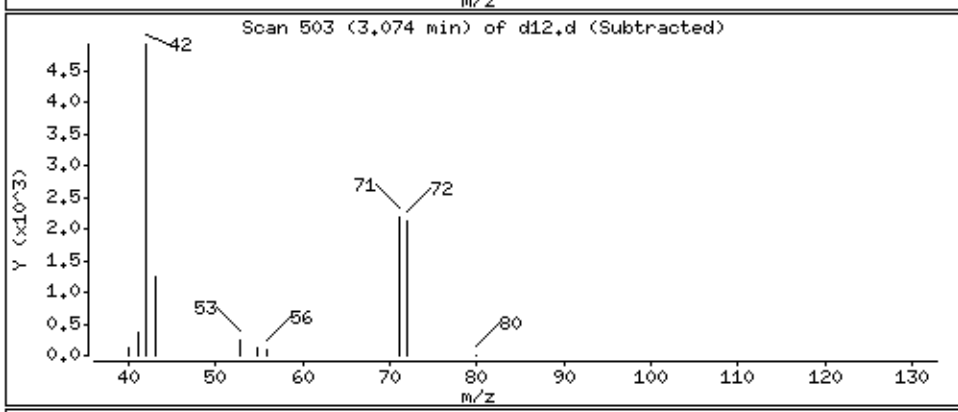
Column diameter: 0.18

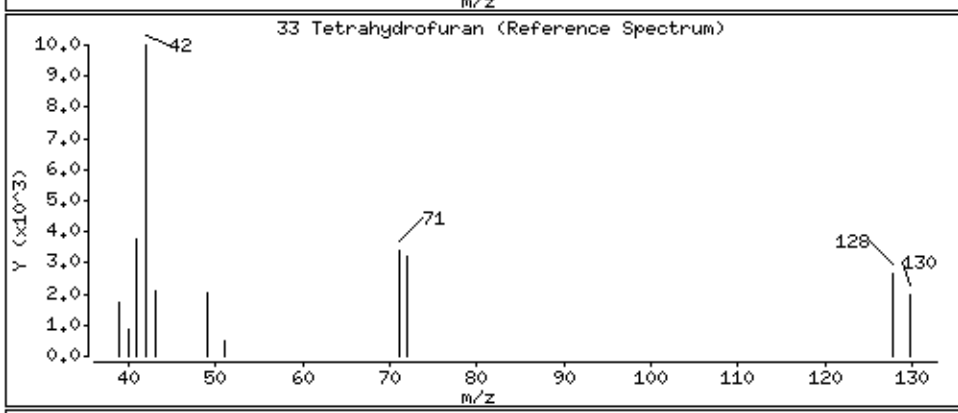
33 Tetrahydrofuran

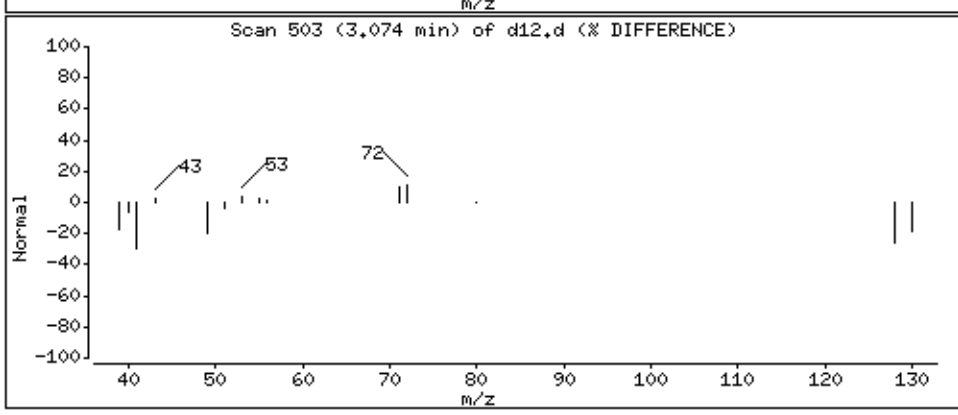
Concentration: 41.8 ppb

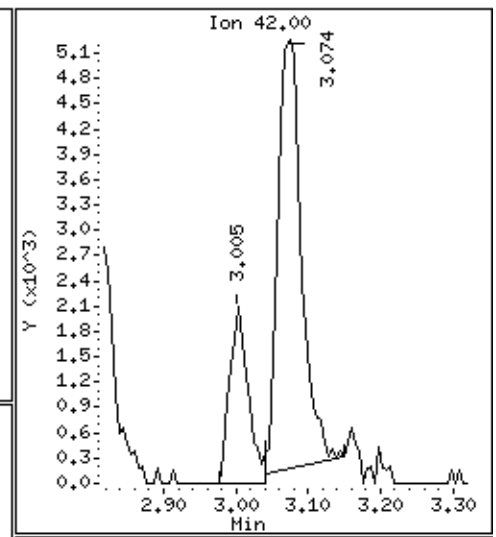
Review Code:

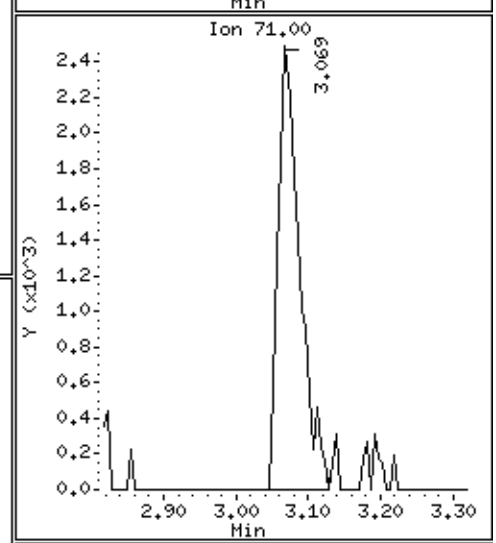


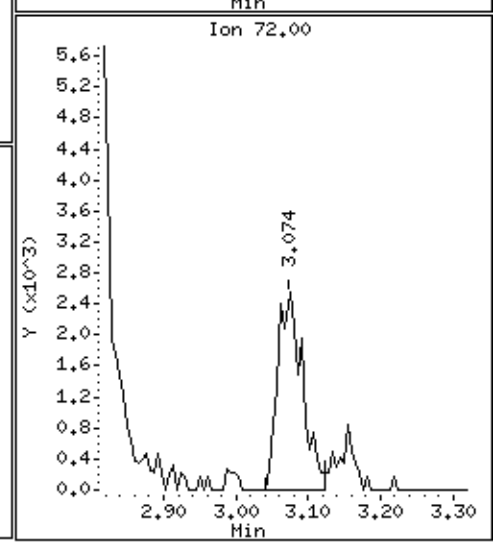












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

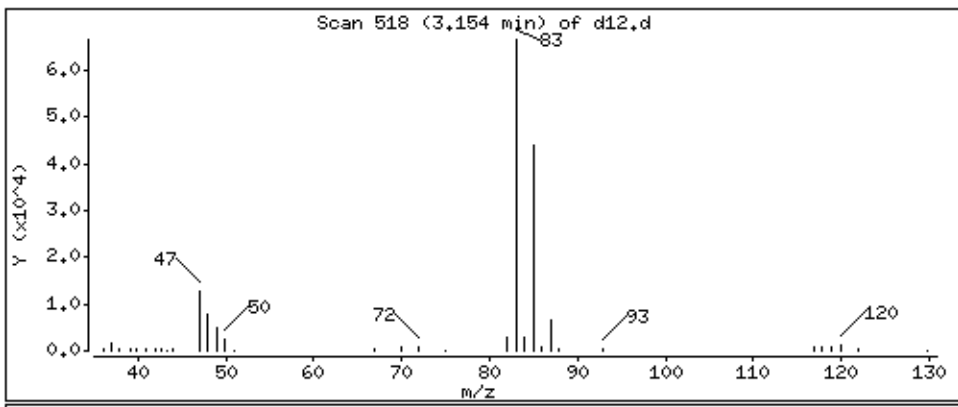
Column phase: DB-624

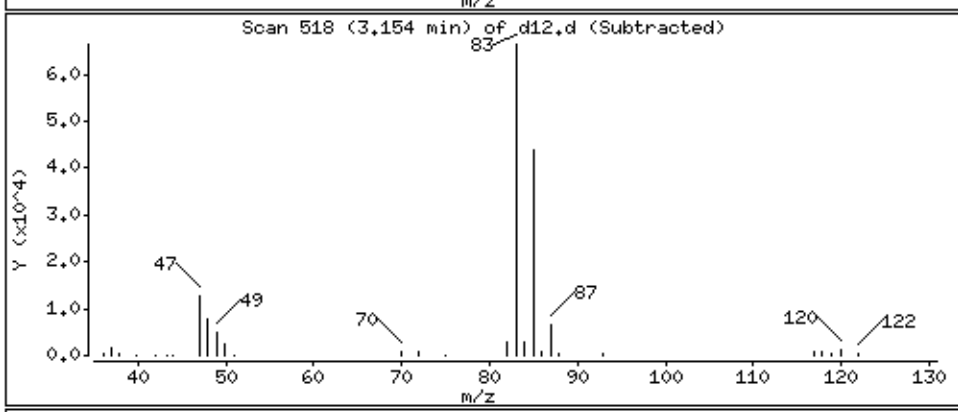
Column diameter: 0.18

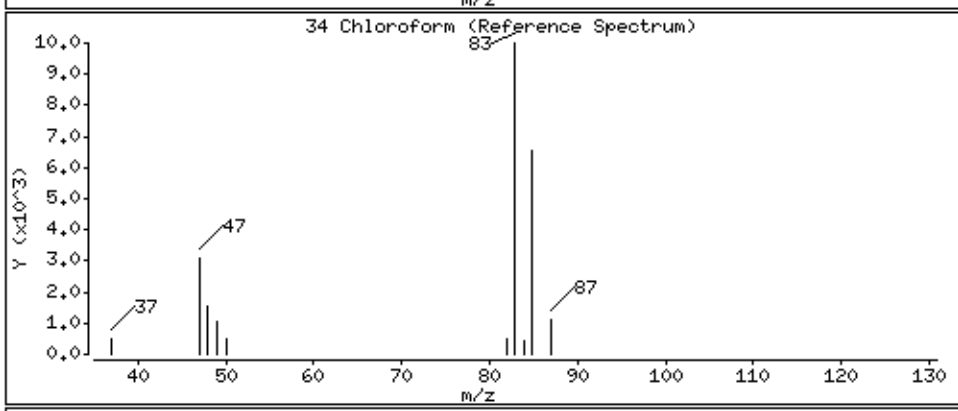
34 Chloroform

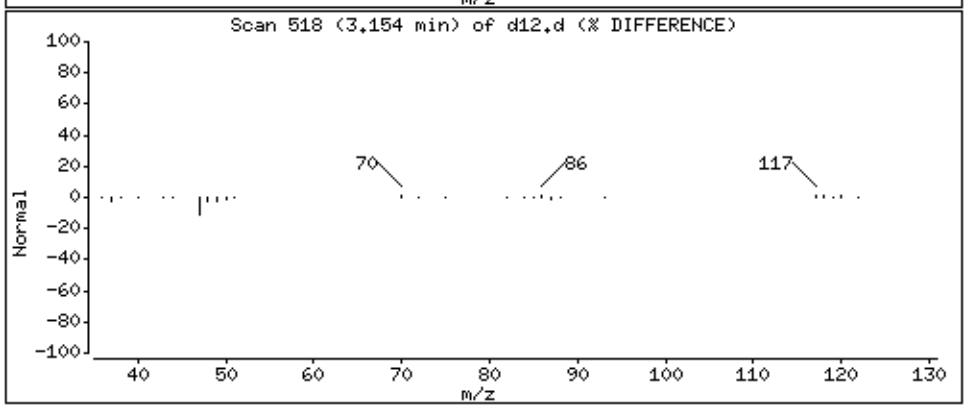
Concentration: 41.4 ppb

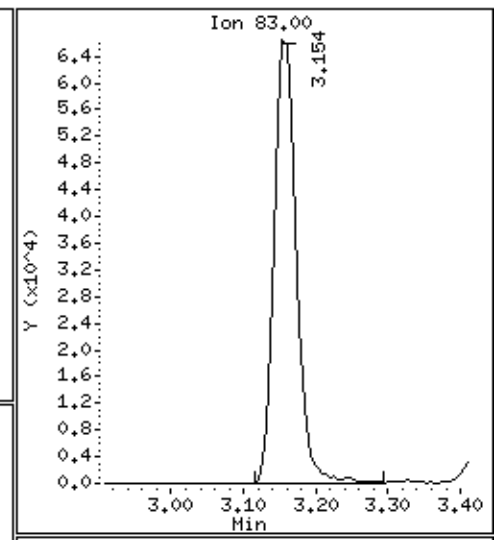
Review Code:

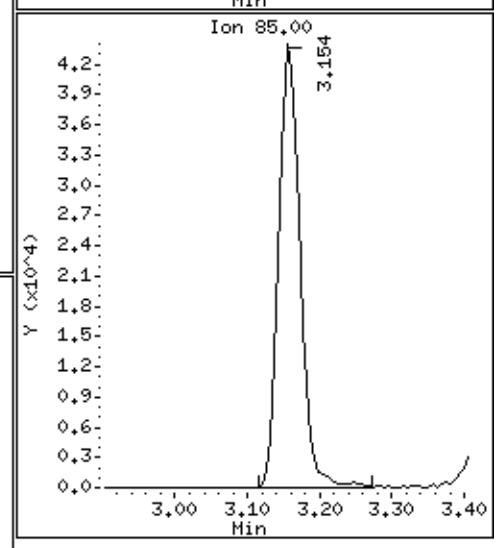












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

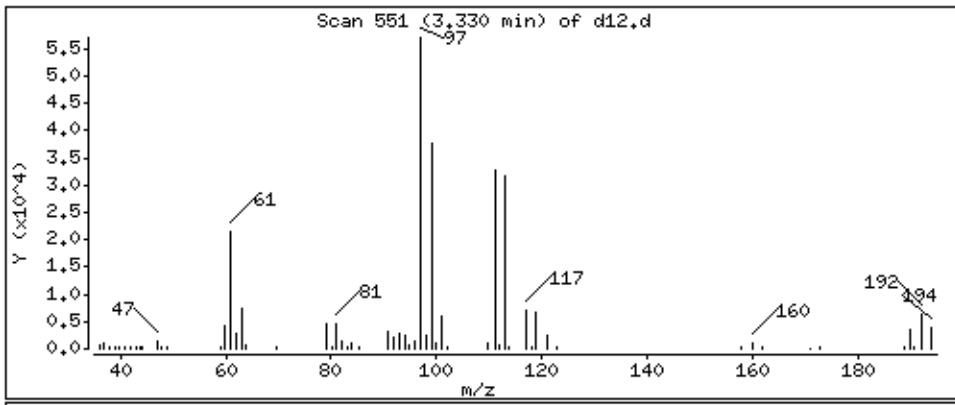
Column phase: DB-624

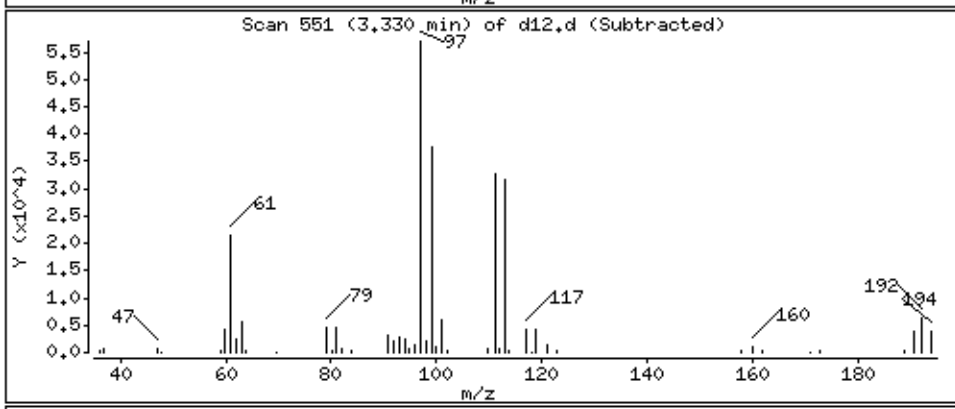
Column diameter: 0.18

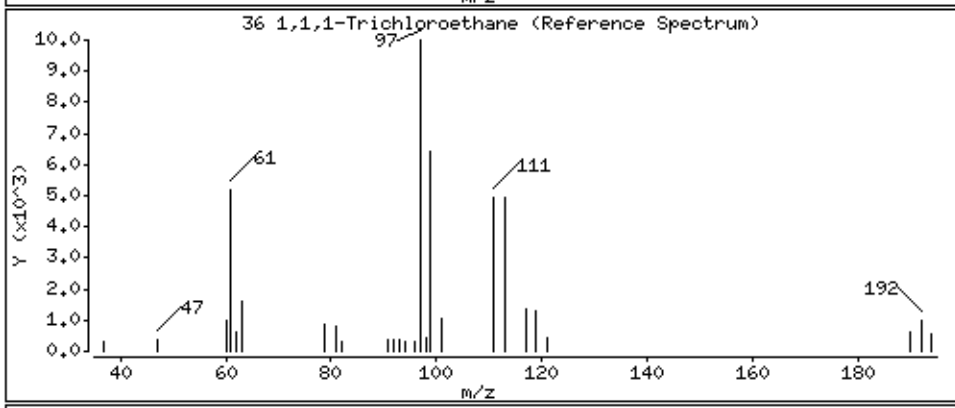
36 1,1,1-Trichloroethane

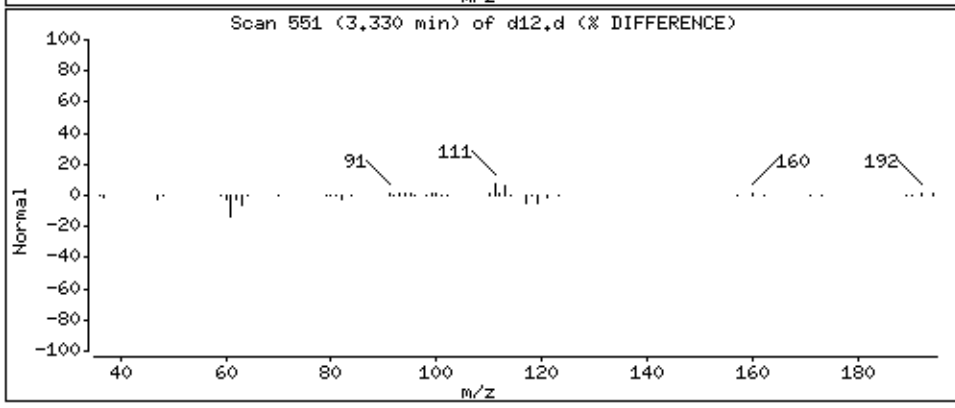
Concentration: 38.0 ppb

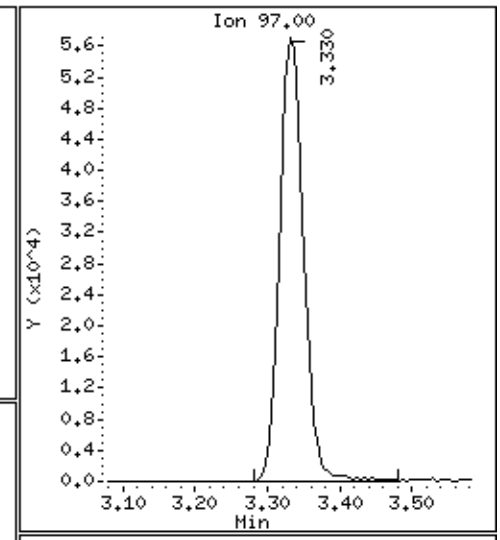
Review Code:

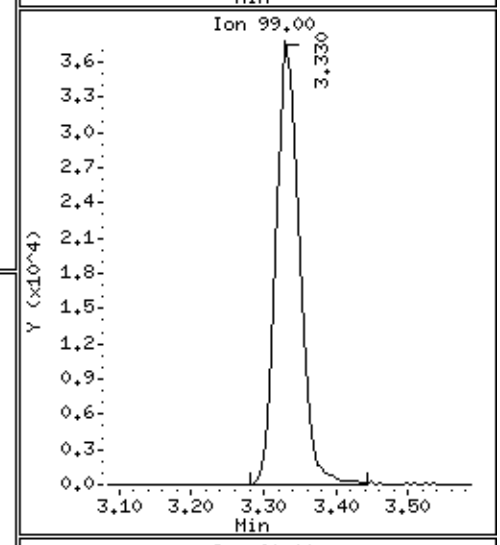


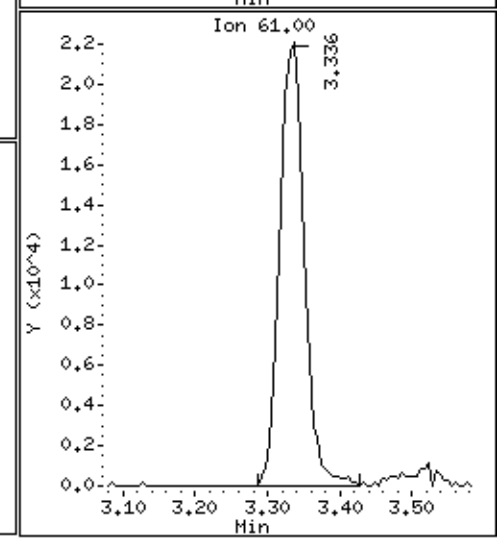












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

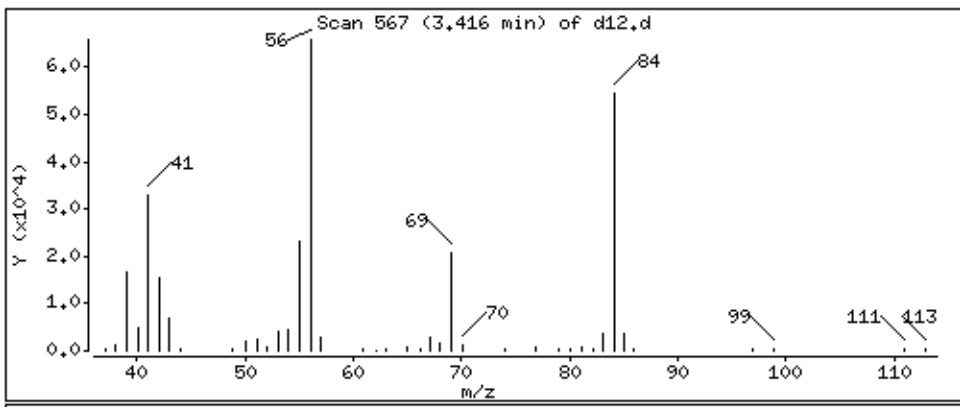
Column phase: DB-624

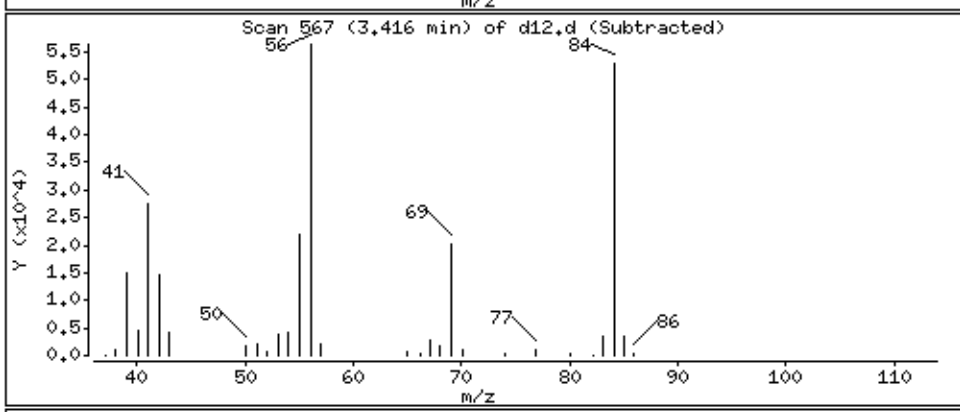
Column diameter: 0.18

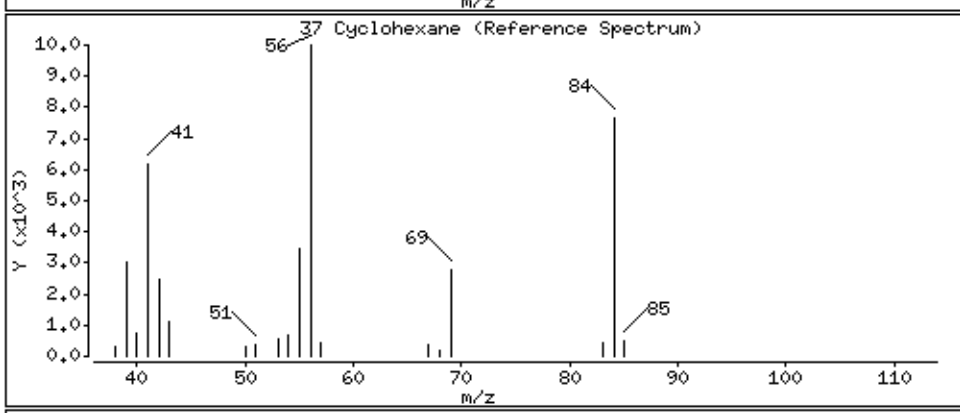
37 Cyclohexane

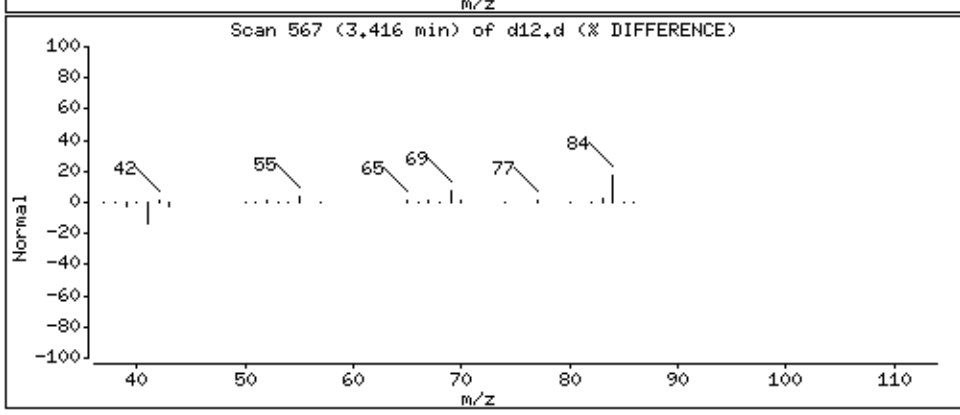
Concentration: 36.0 ppb

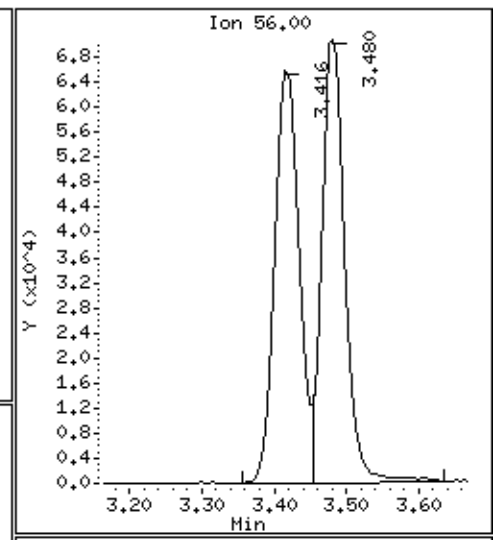
Review Code:

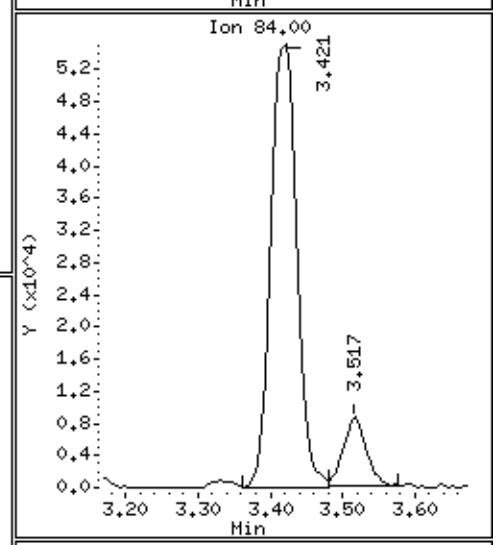


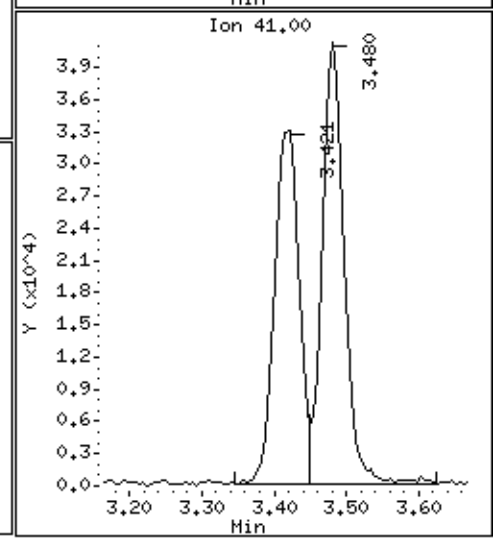












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

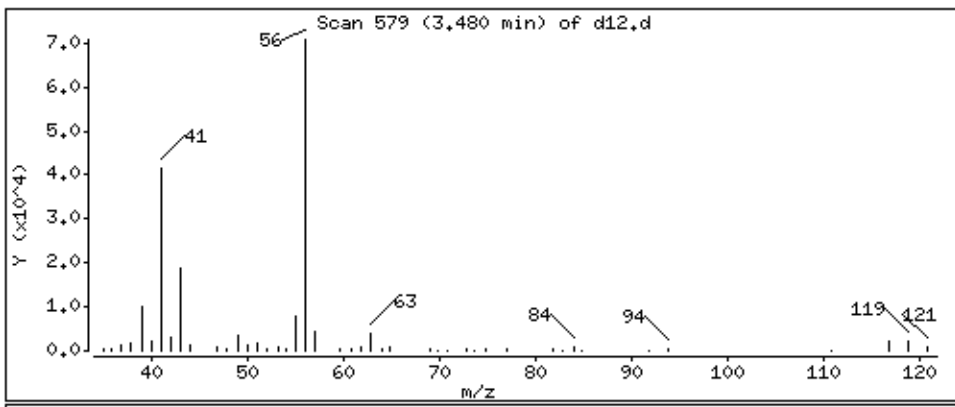
Column phase: DB-624

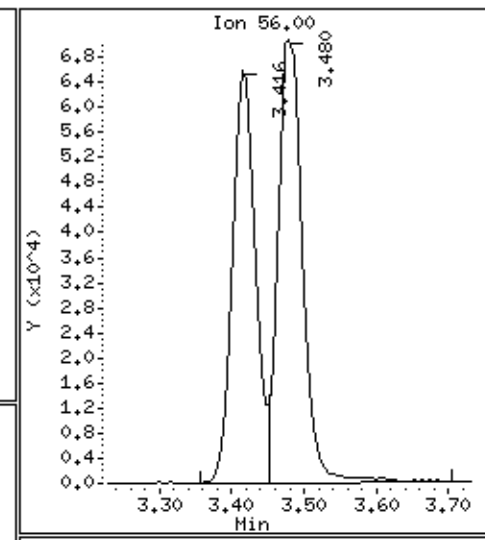
Column diameter: 0.18

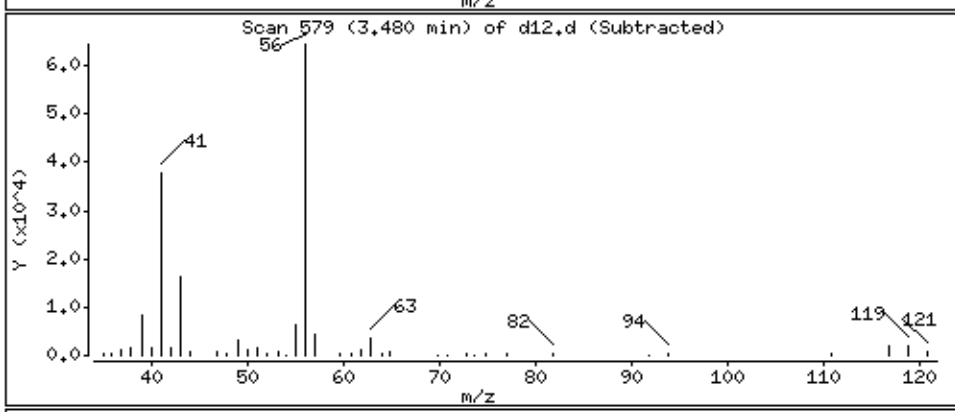
151 n-Butyl chloride

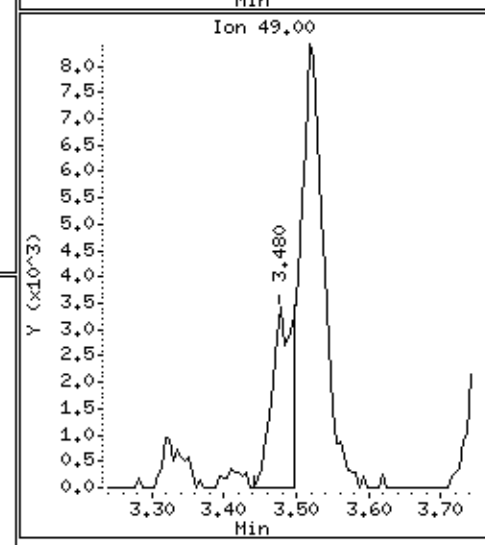
Concentration: 37.5 ppb

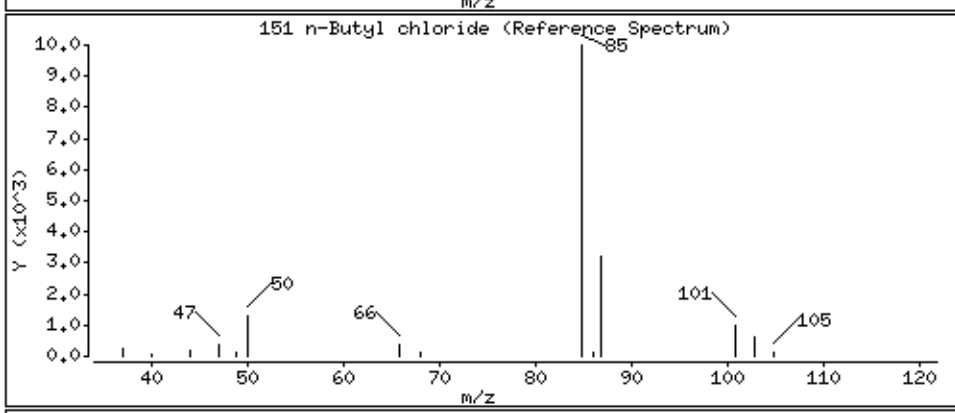
Review Code:

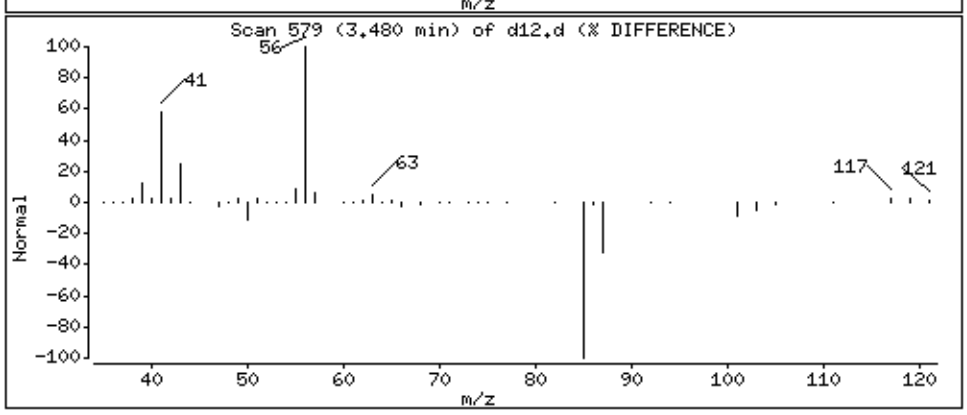












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

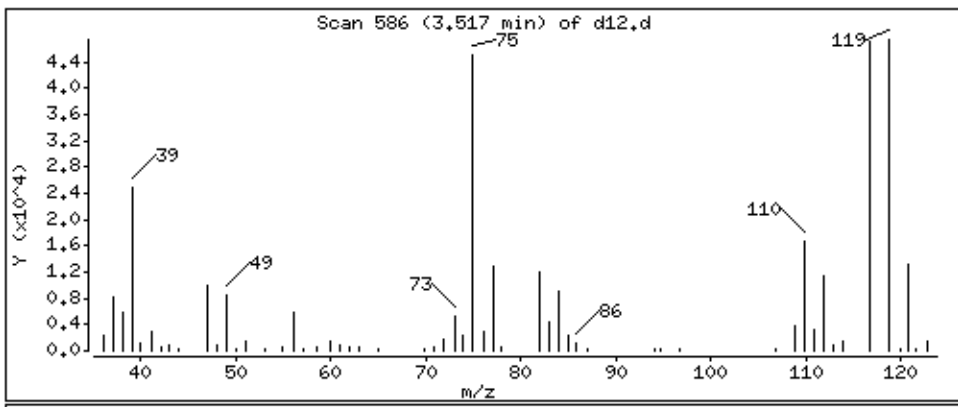
Column phase: DB-624

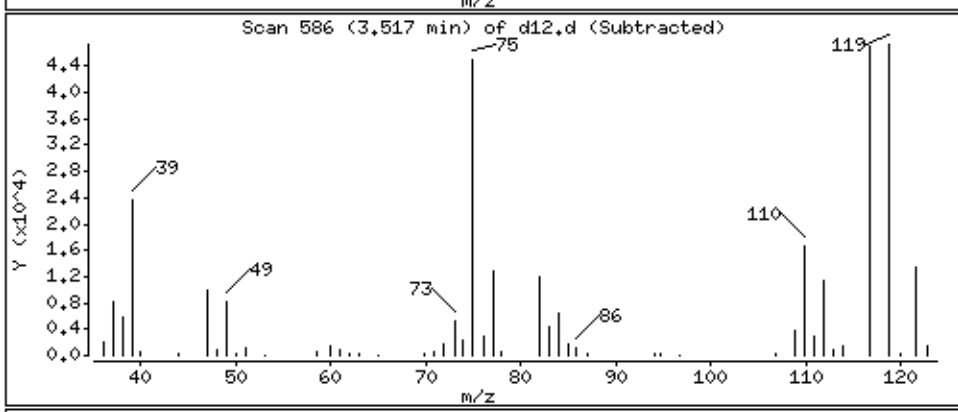
Column diameter: 0.18

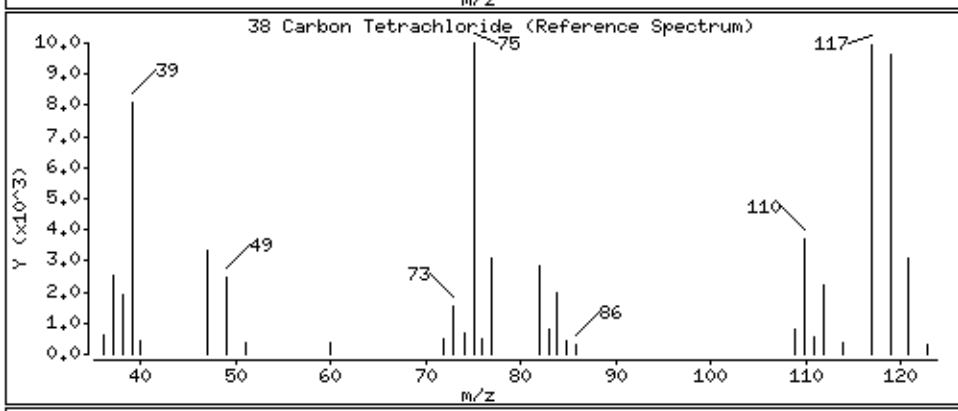
38 Carbon Tetrachloride

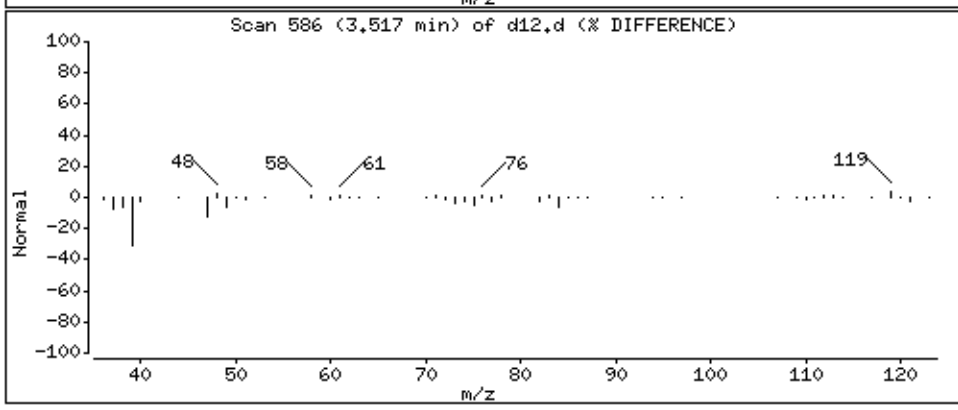
Concentration: 39.2 ppb

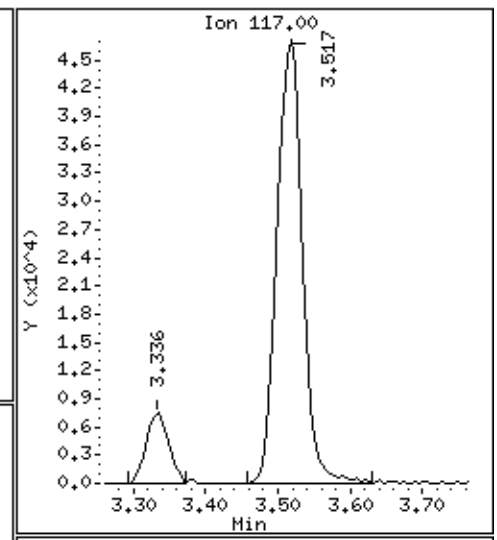
Review Code:

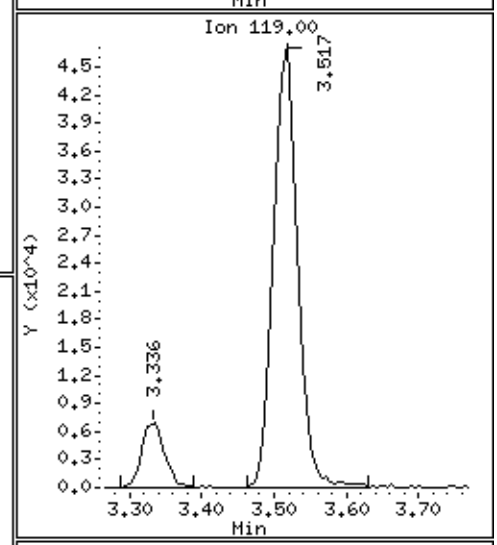


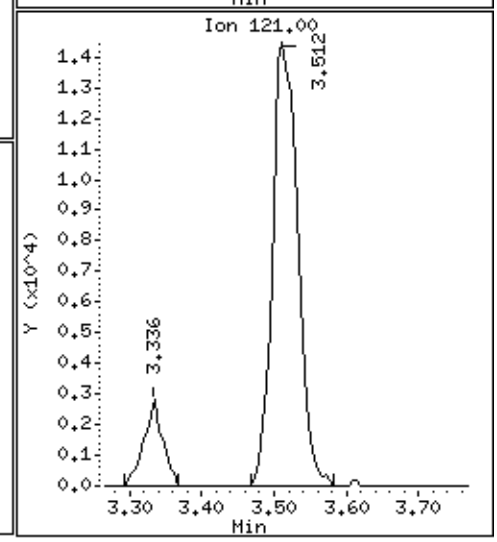












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

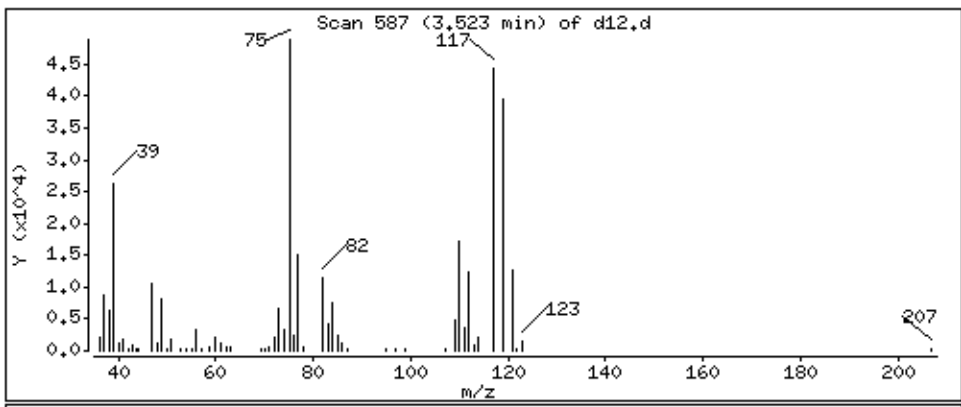
Column phase: DB-624

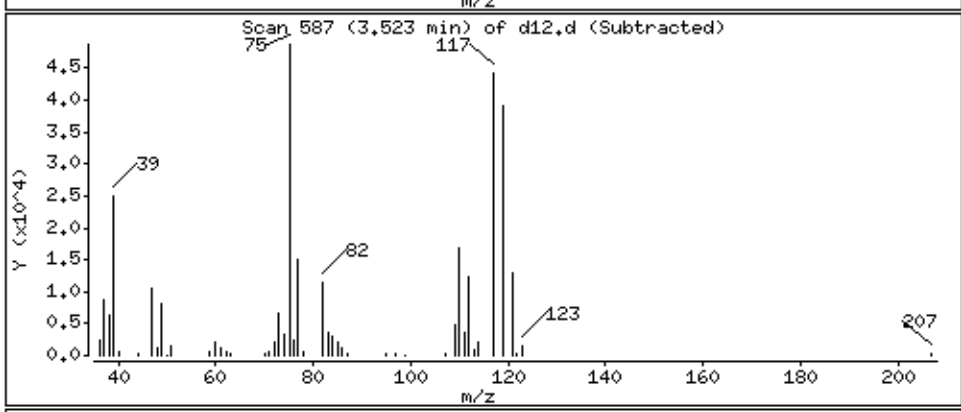
Column diameter: 0.18

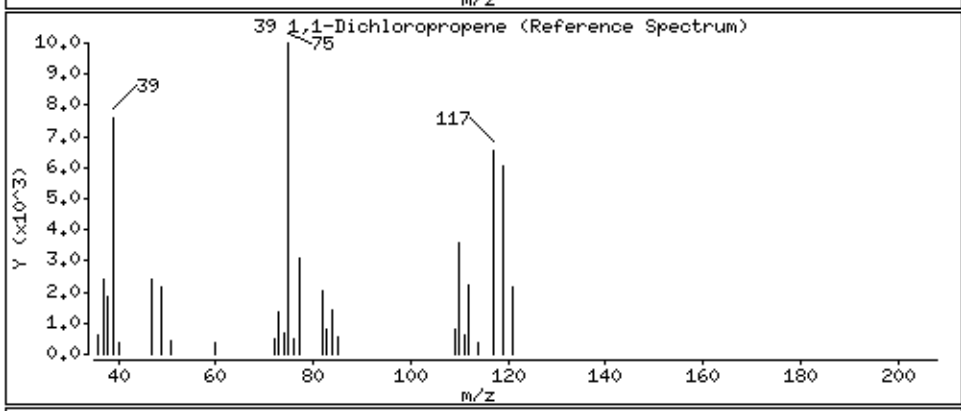
39 1,1-Dichloropropene

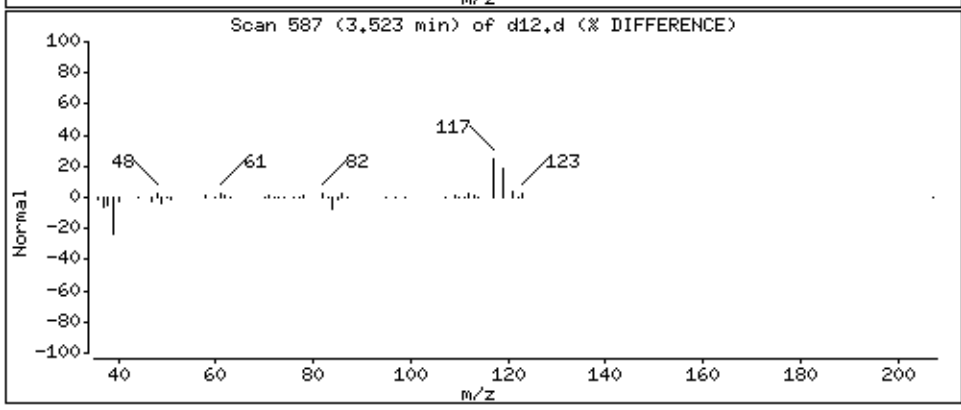
Concentration: 37.7 ppb

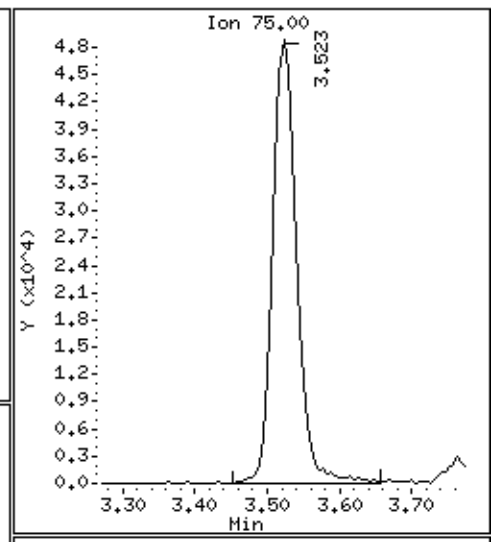
Review Code:

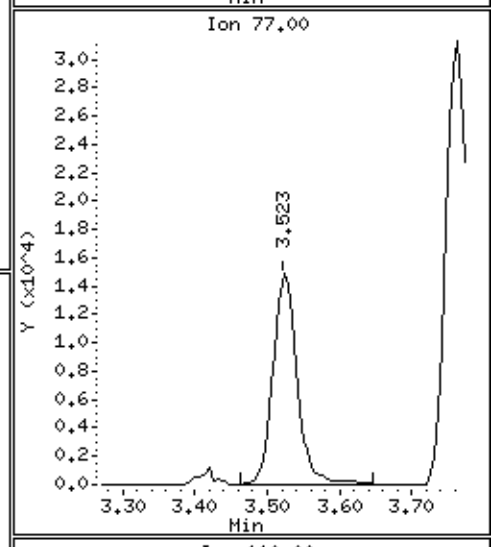


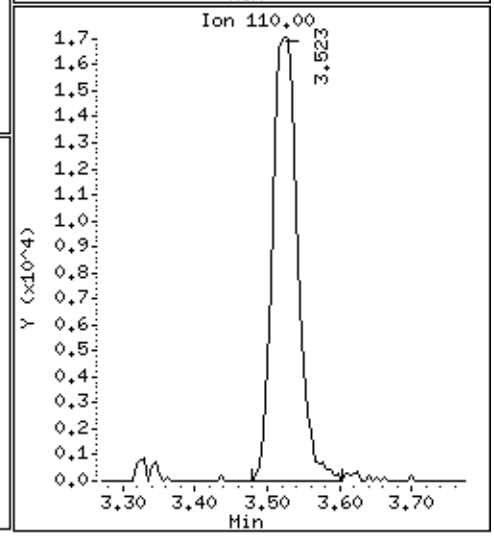












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

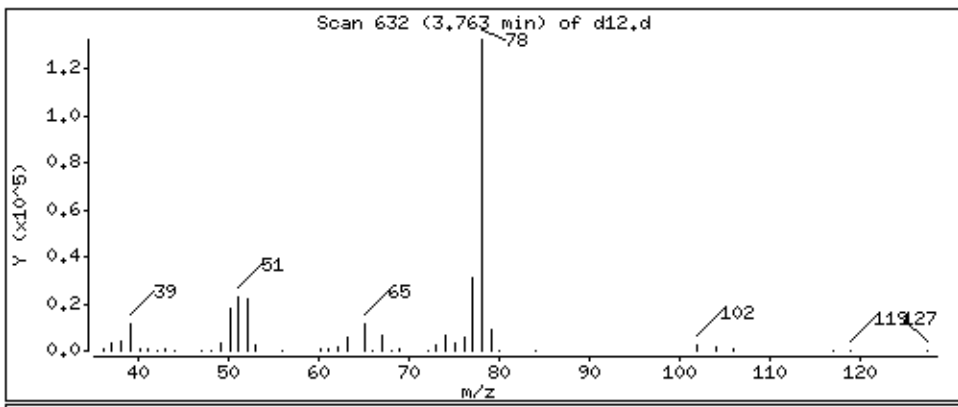
Column phase: DB-624

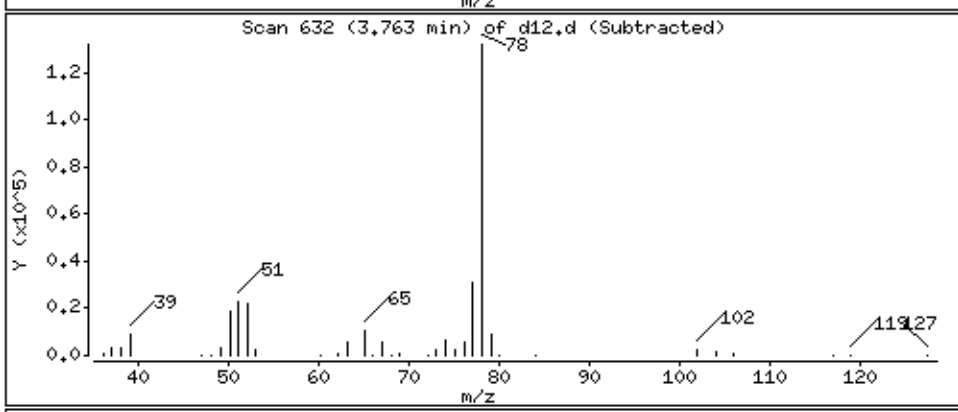
Column diameter: 0.18

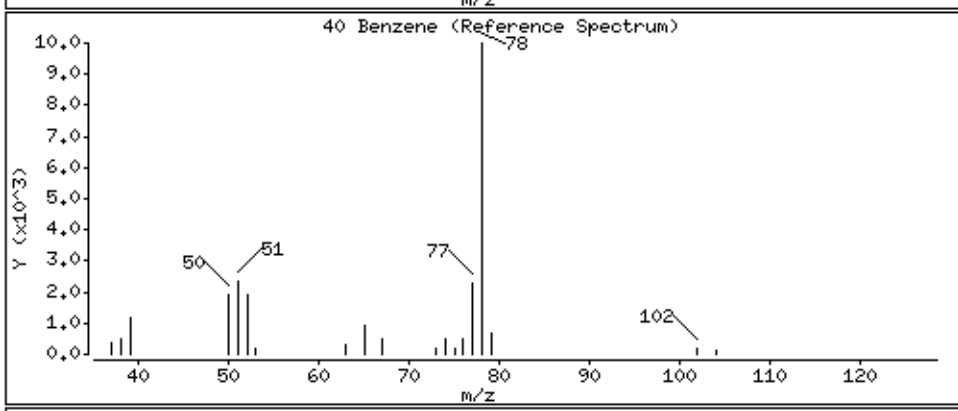
40 Benzene

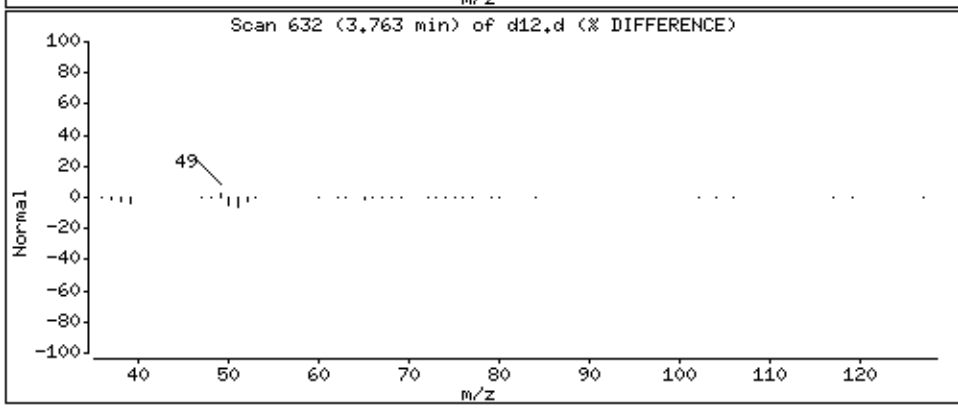
Concentration: 41.6 ppb

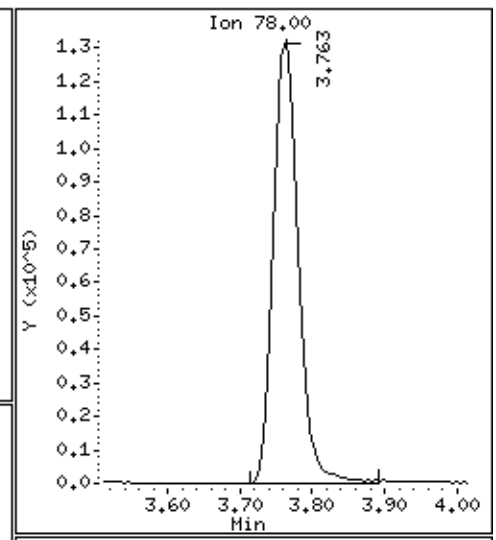
Review Code:

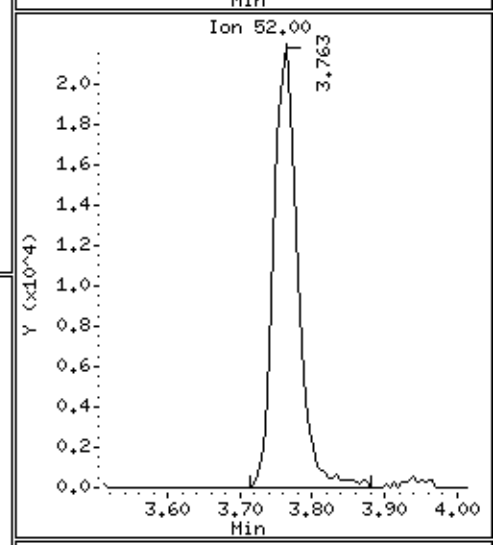


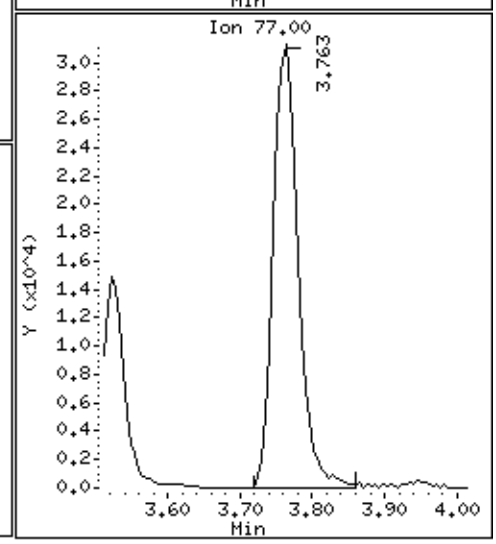












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

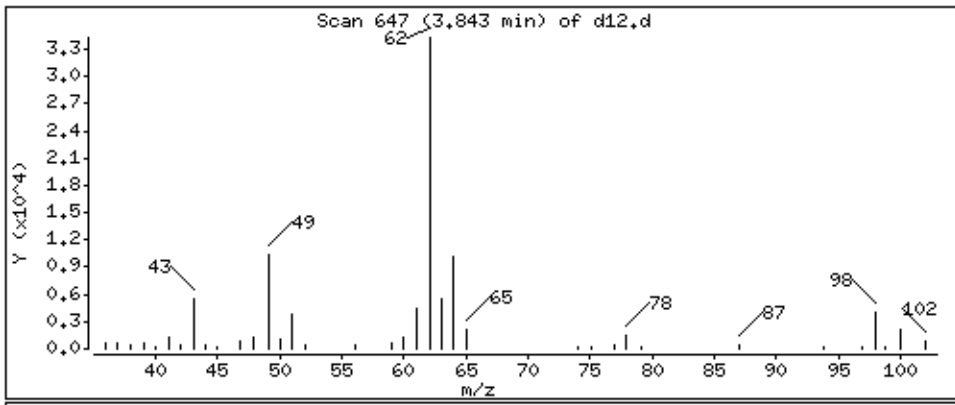
Column phase: DB-624

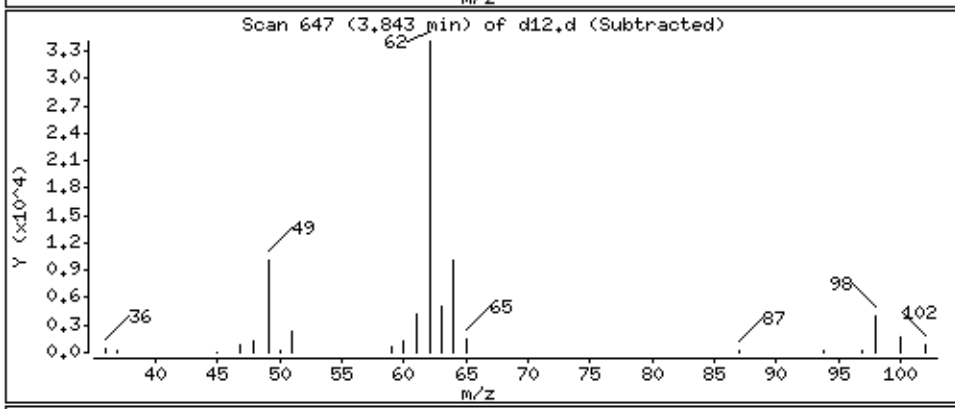
Column diameter: 0.18

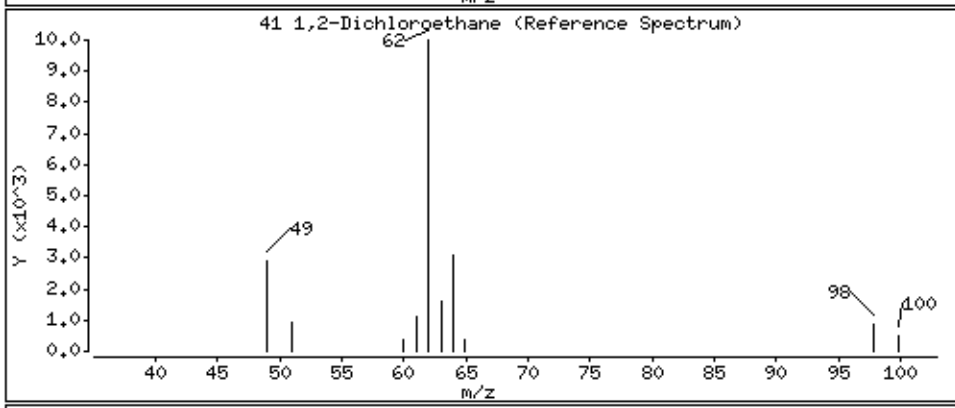
41 1,2-Dichloroethane

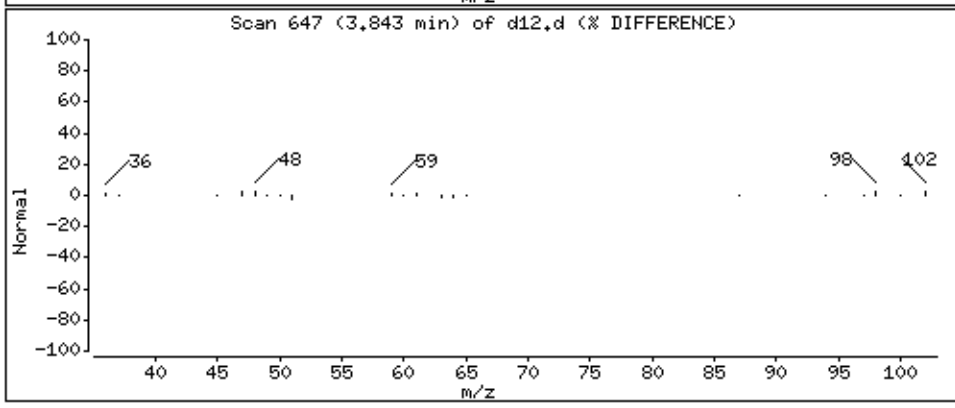
Concentration: 41.7 ppb

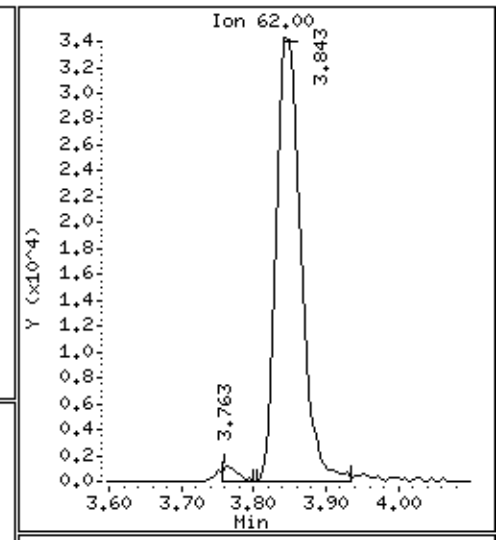
Review Code:

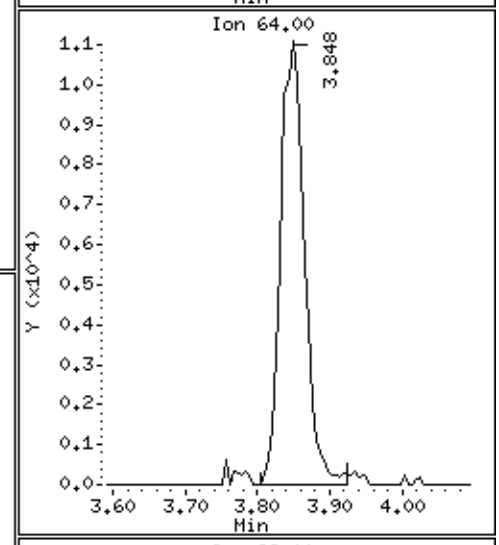


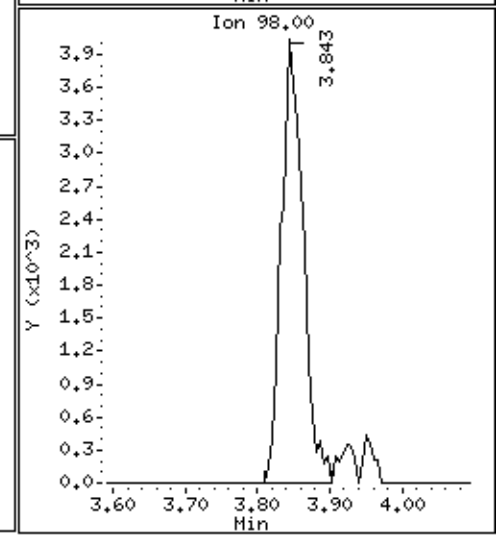












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

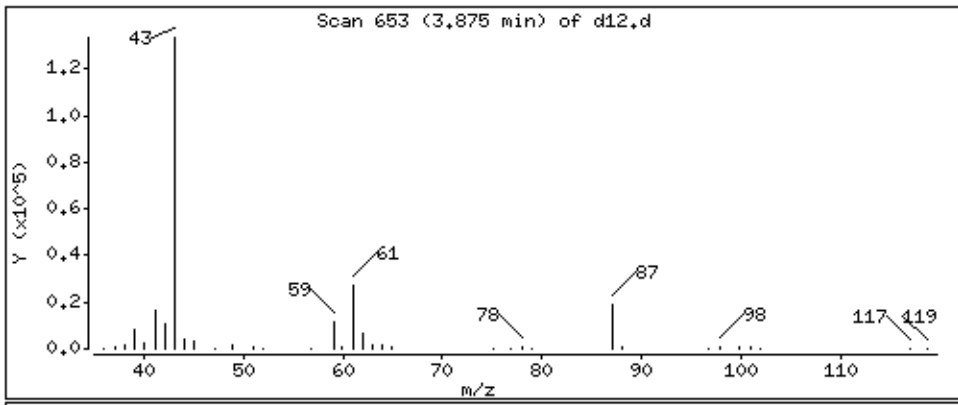
Column phase: DB-624

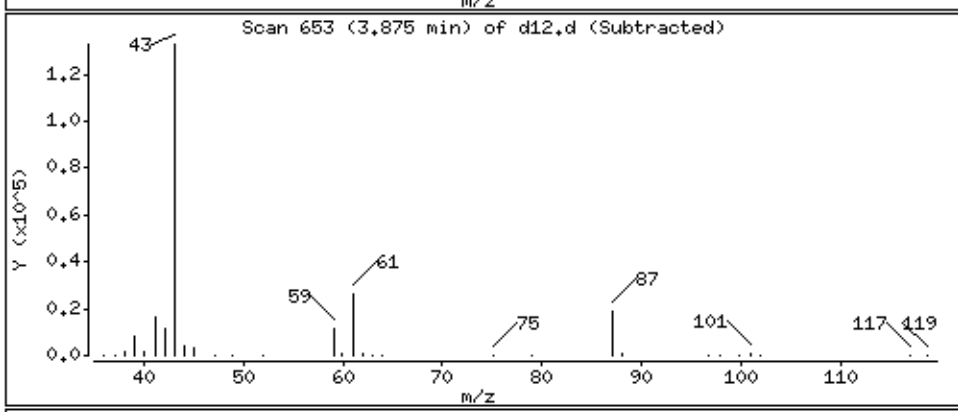
Column diameter: 0.18

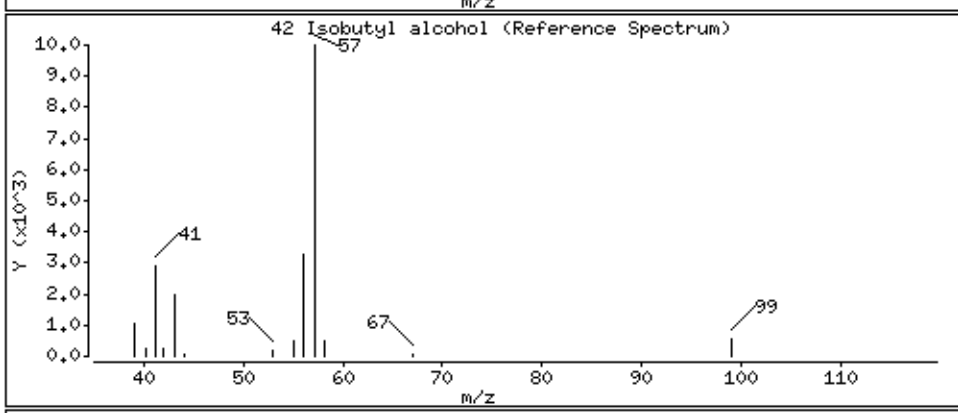
42 Isobutyl alcohol

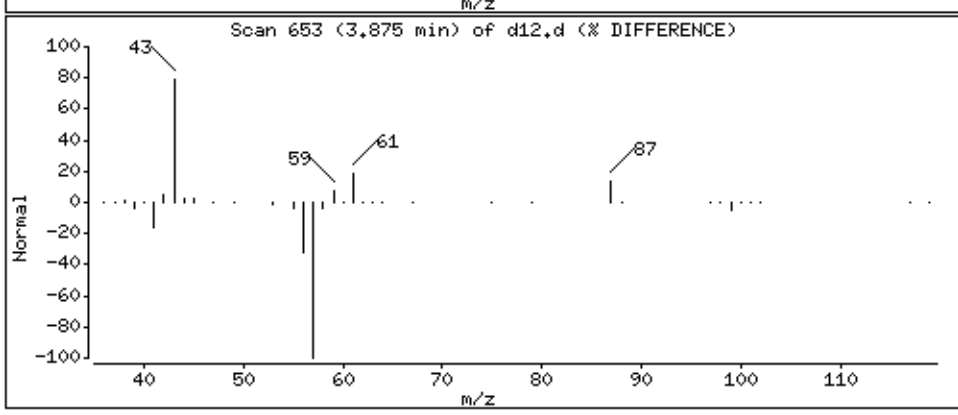
Concentration: 47.0 ppb

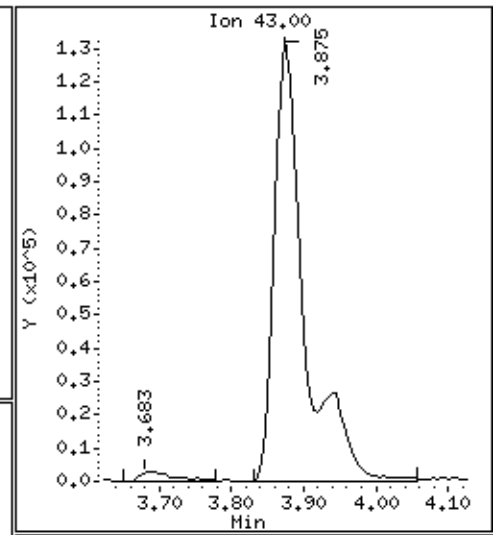
Review Code:

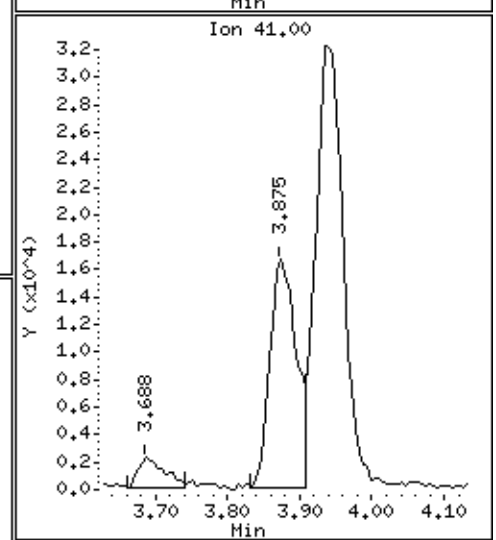


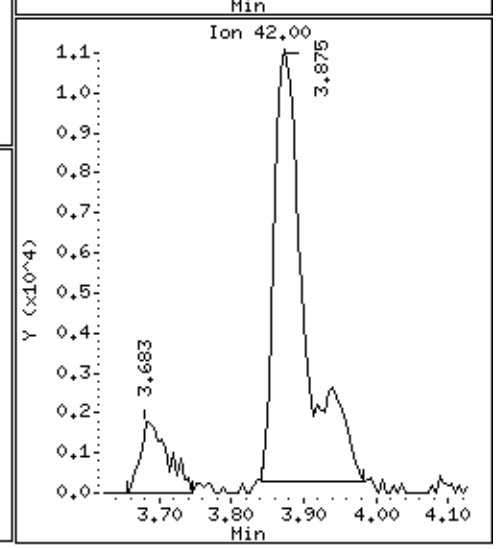












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

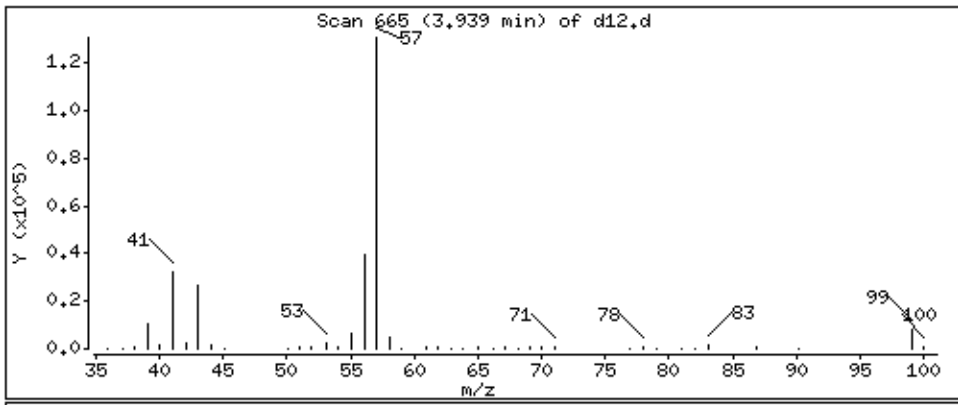
Column phase: DB-624

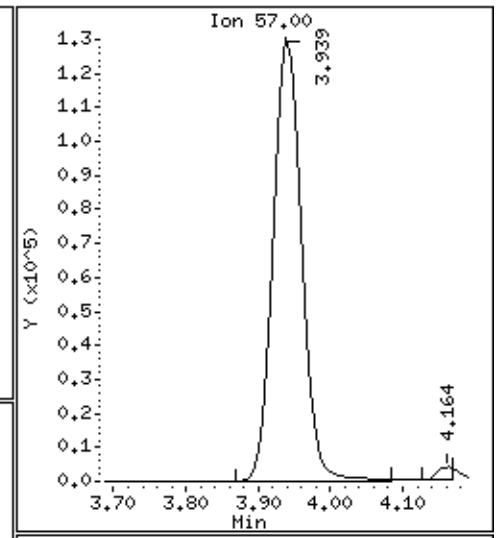
Column diameter: 0.18

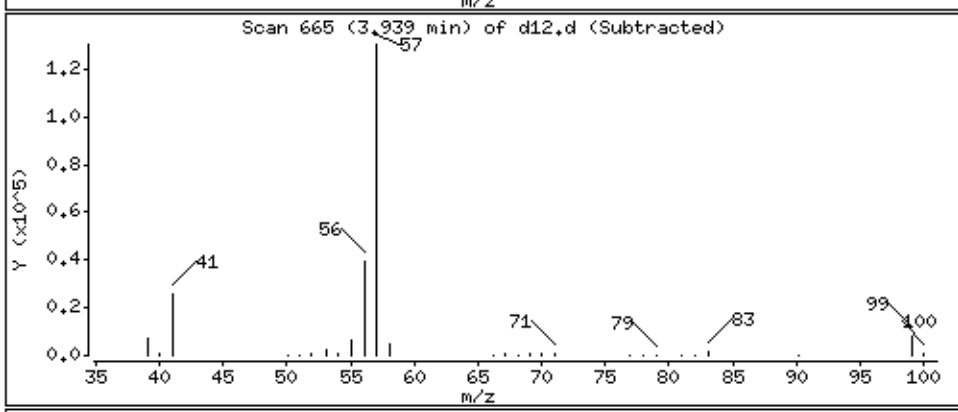
43 2,2,4-Trimethylpentane

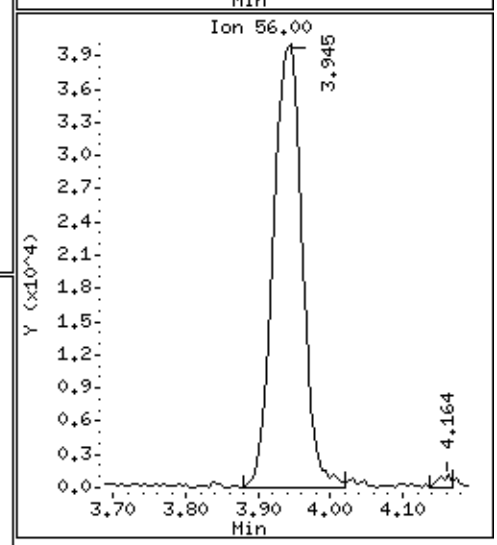
Concentration: 40.2 ppb

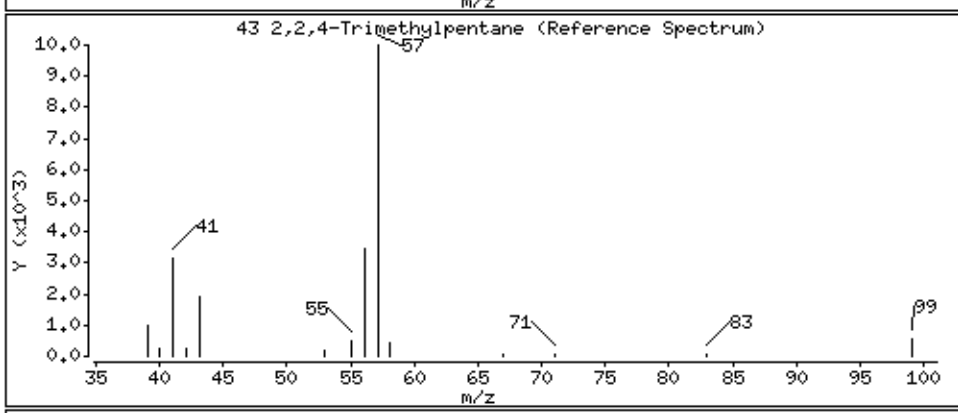
Review Code:

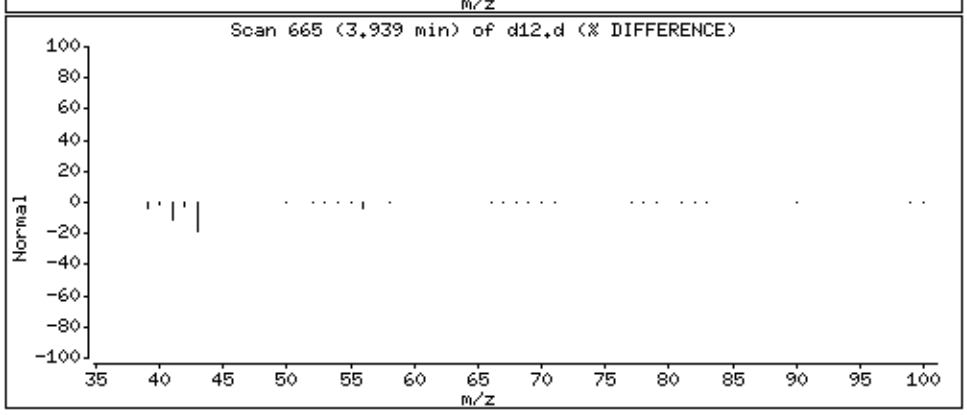












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

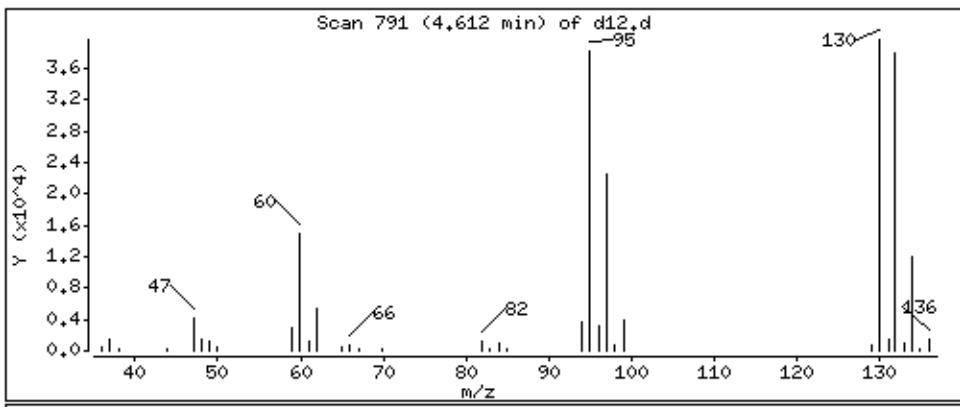
Column phase: DB-624

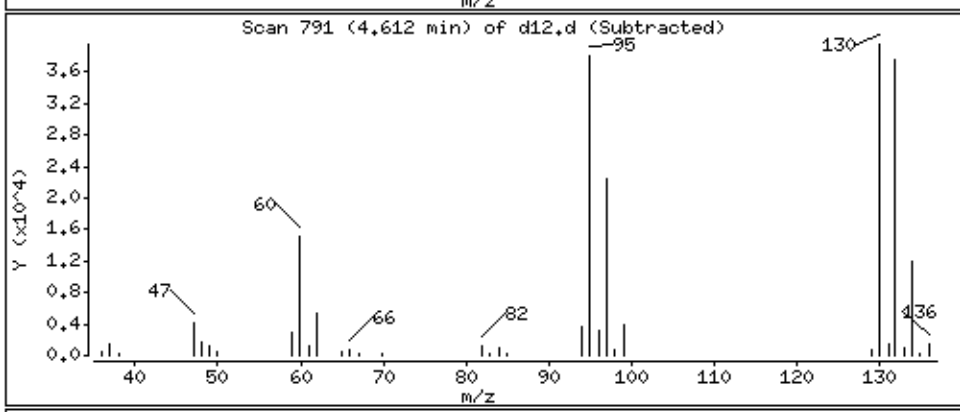
Column diameter: 0.18

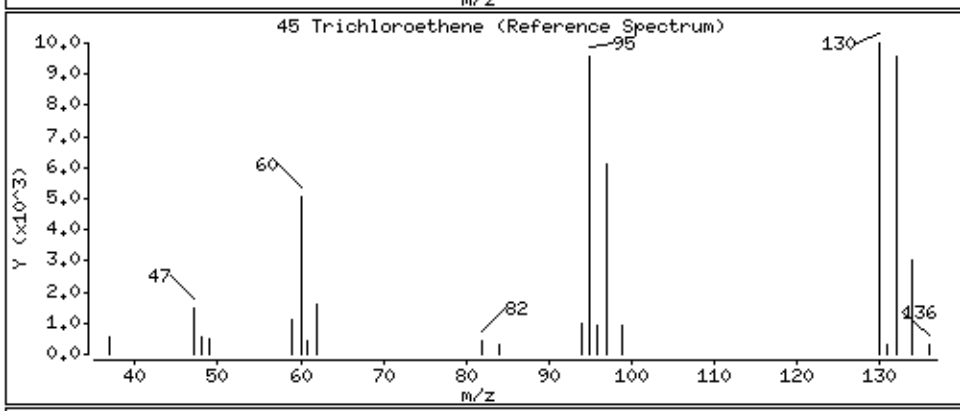
45 Trichloroethene

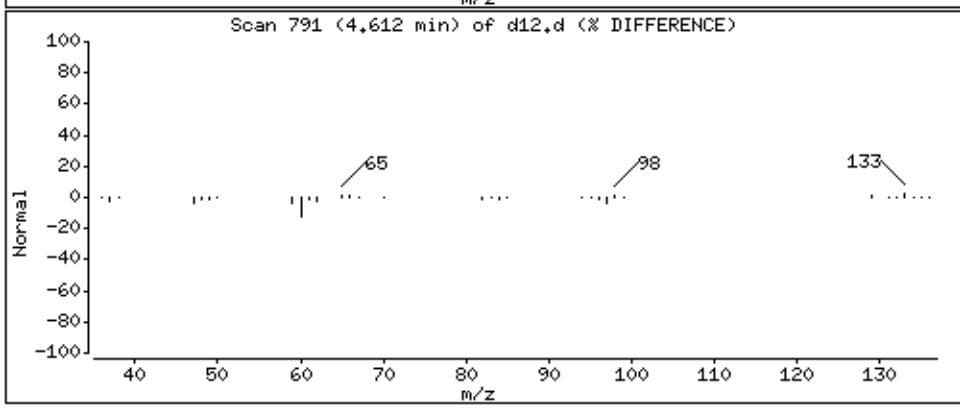
Concentration: 36.3 ppb

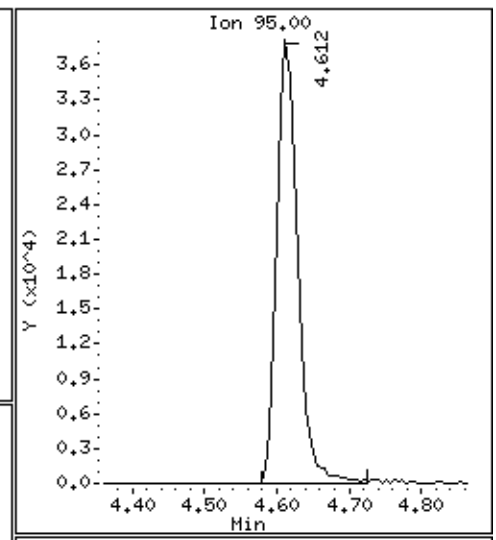
Review Code:

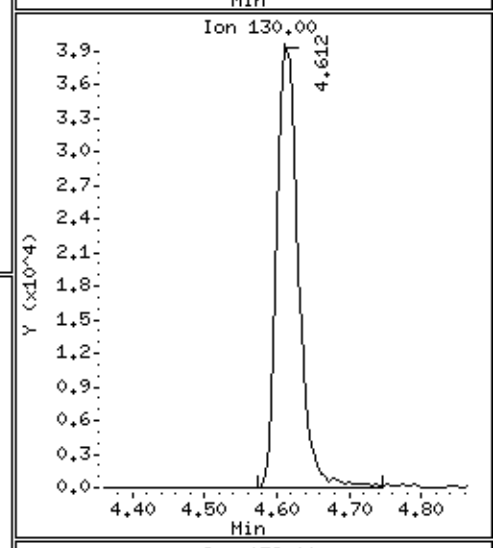


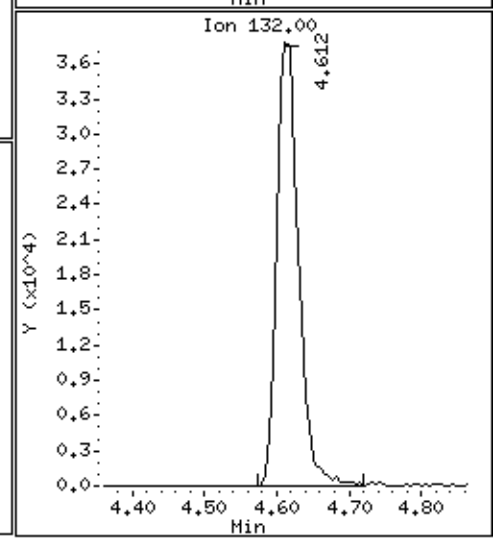












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

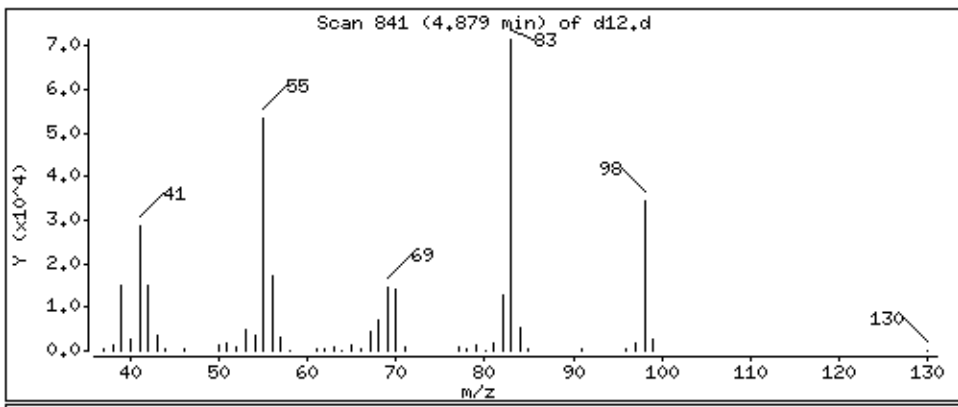
Column phase: DB-624

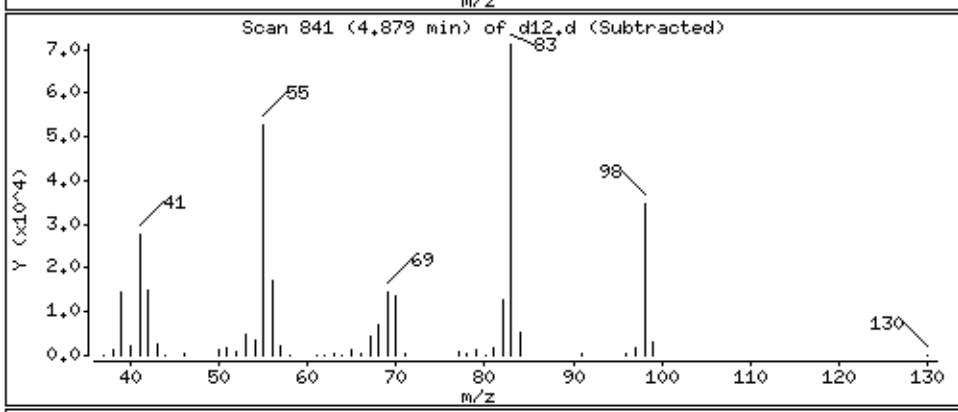
Column diameter: 0.18

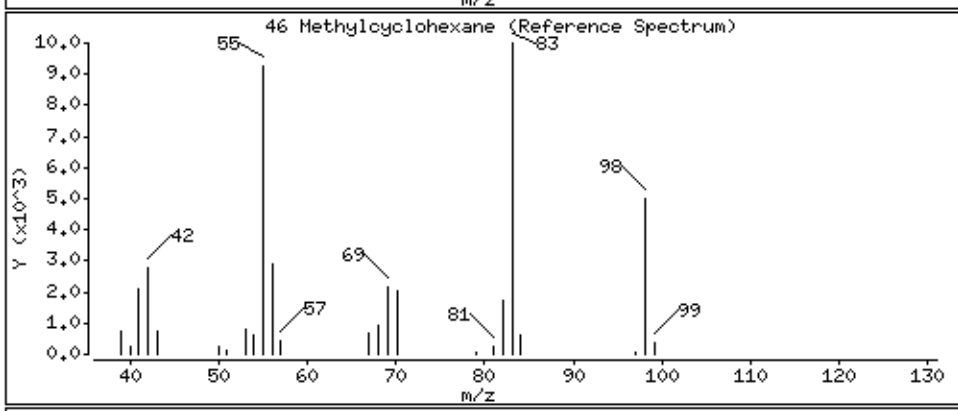
46 Methylcyclohexane

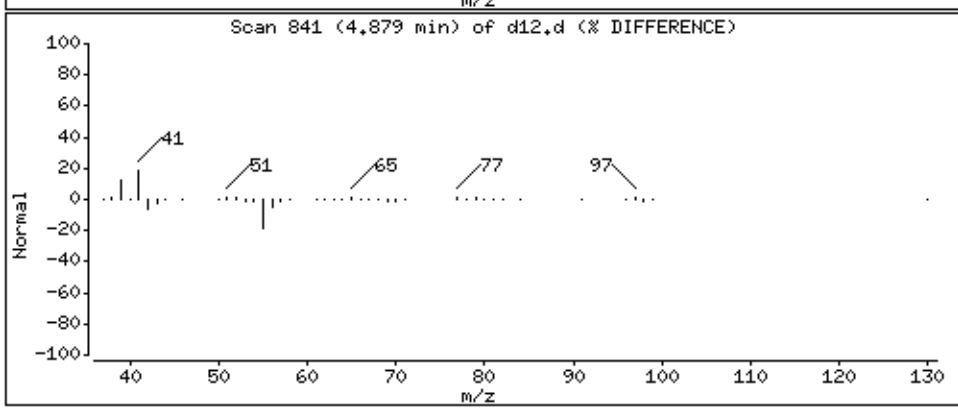
Concentration: 33.3 ppb

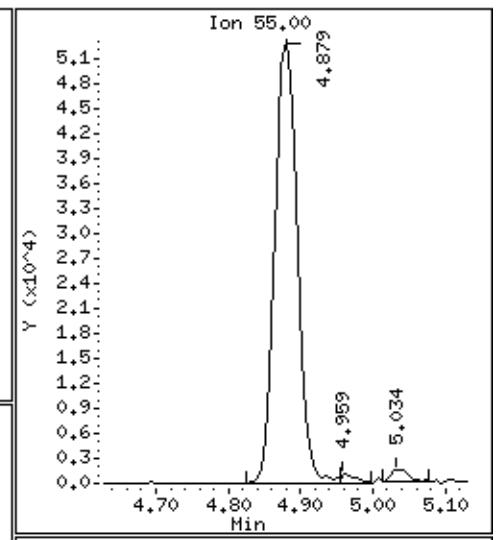
Review Code:

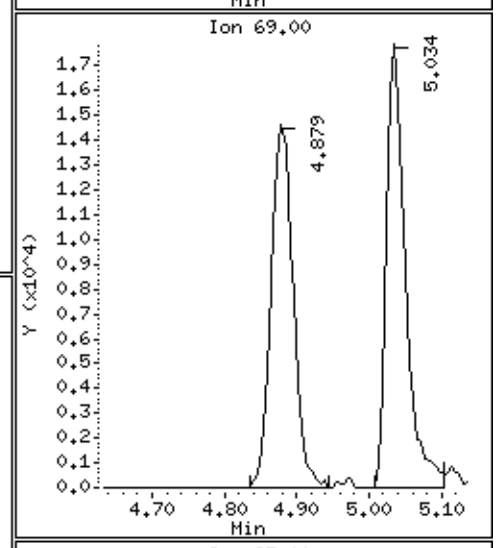


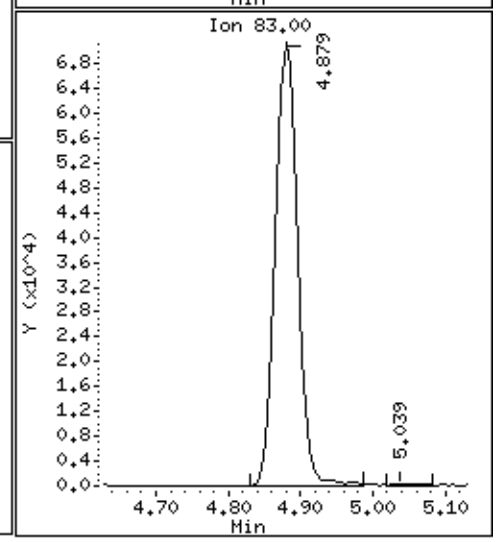












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

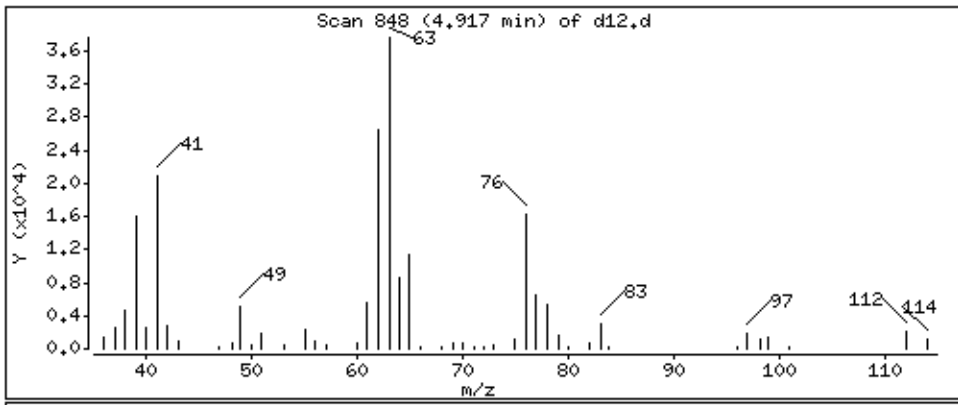
Column phase: DB-624

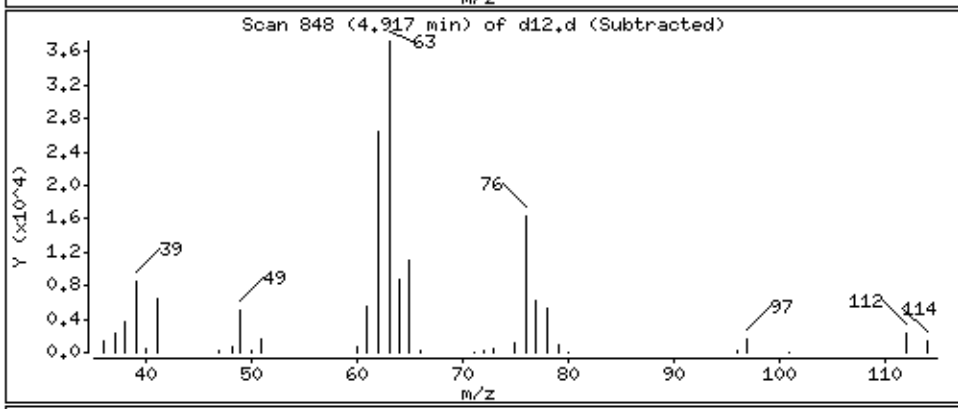
Column diameter: 0.18

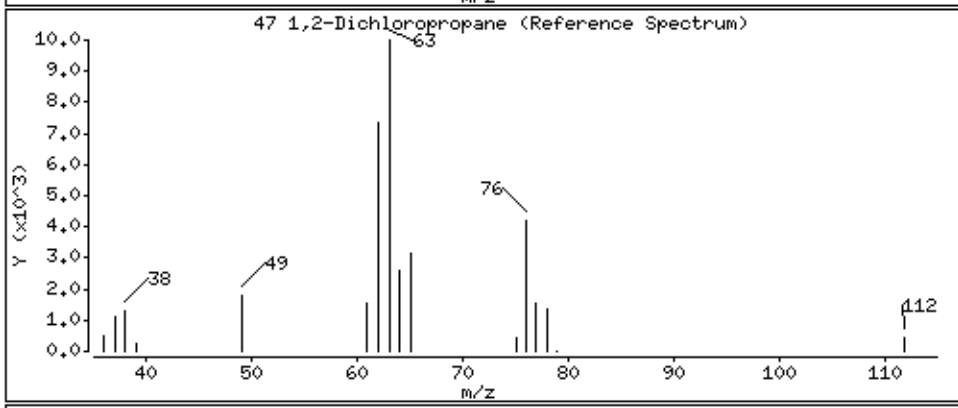
47 1,2-Dichloropropane

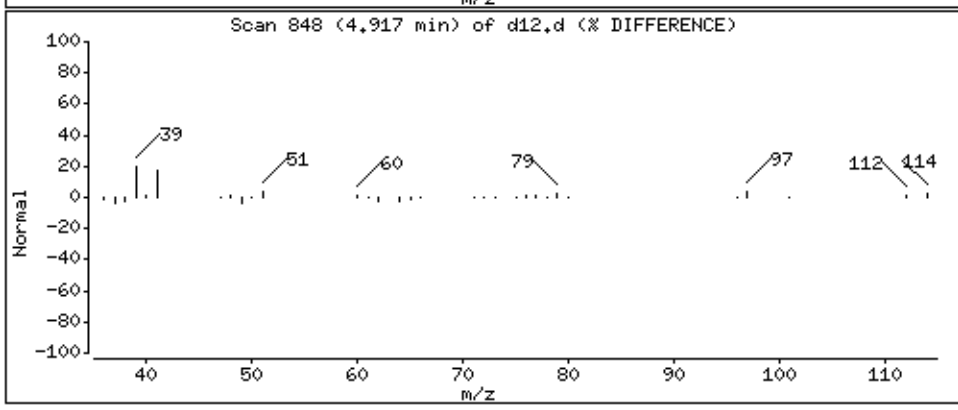
Concentration: 42.6 ppb

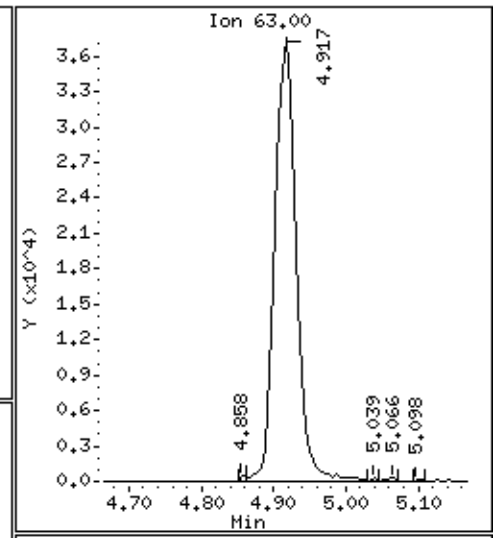
Review Code:

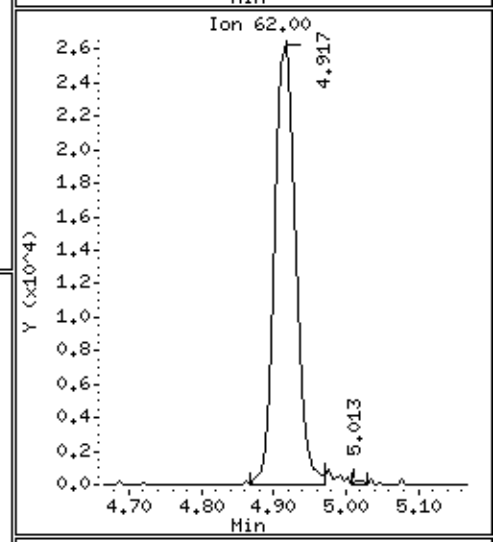


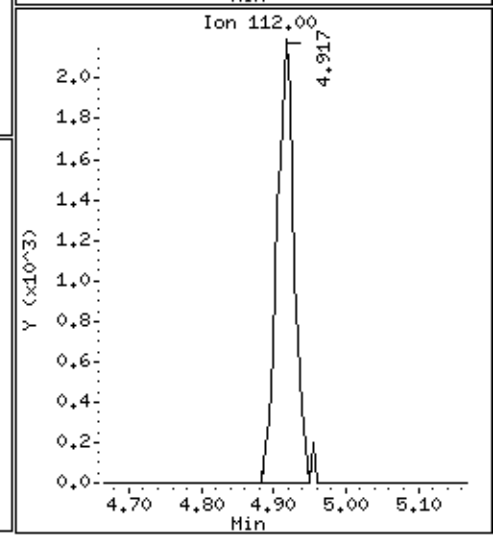












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

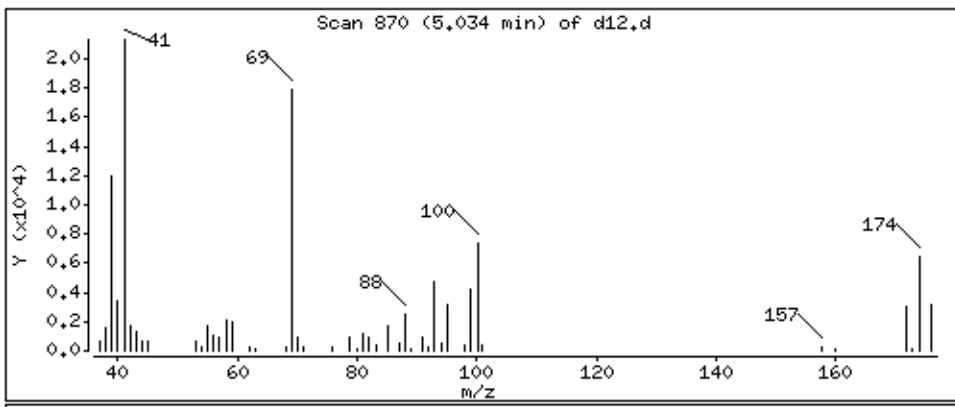
Column phase: DB-624

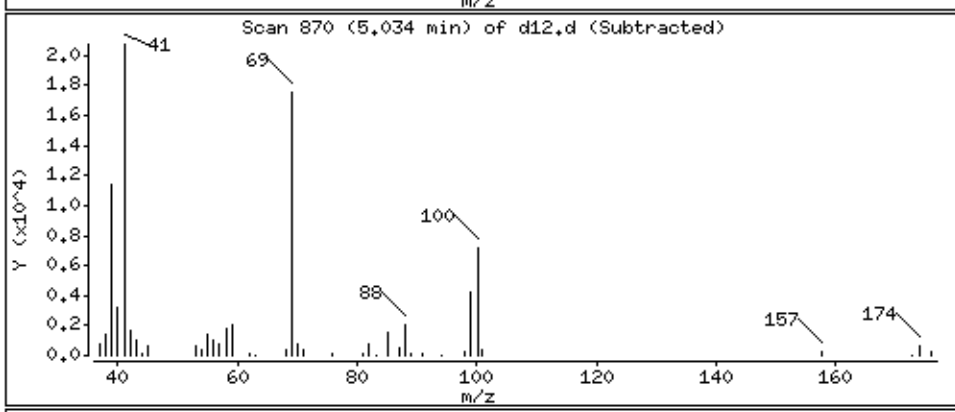
Column diameter: 0.18

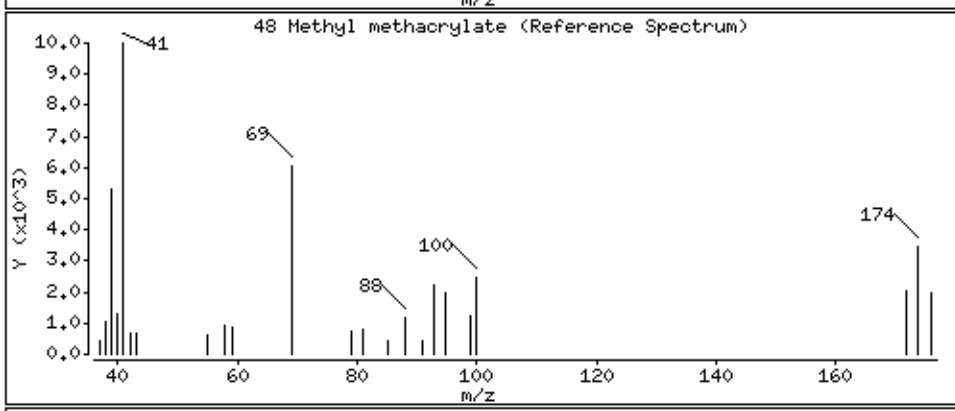
48 Methyl methacrylate

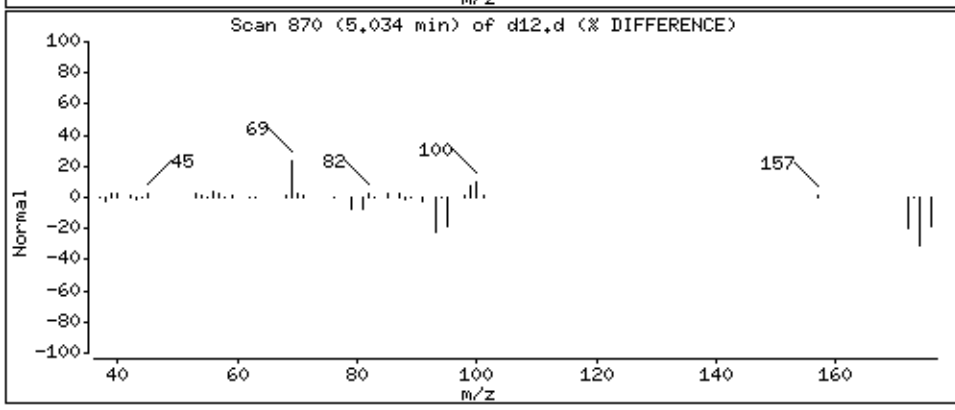
Concentration: 49.0 ppb

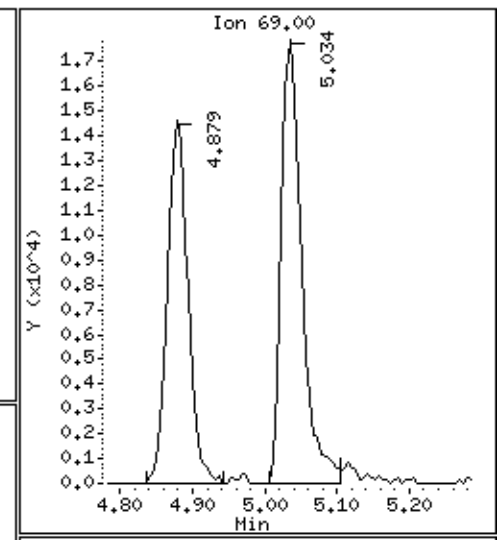
Review Code:

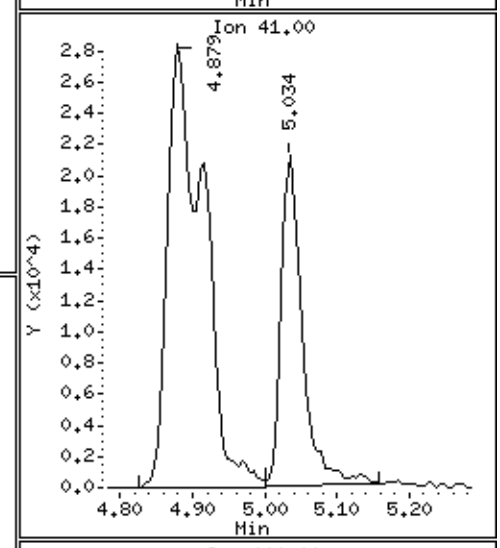


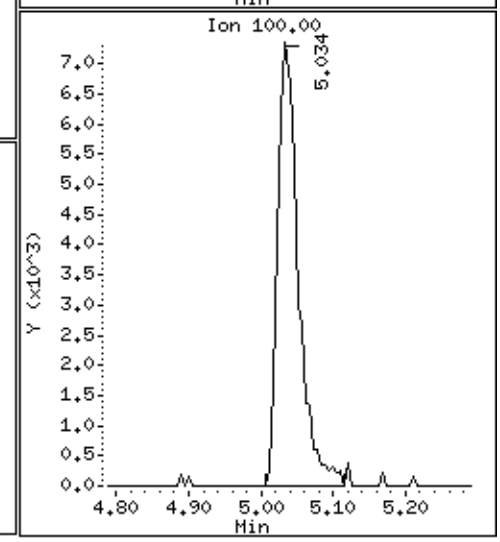












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

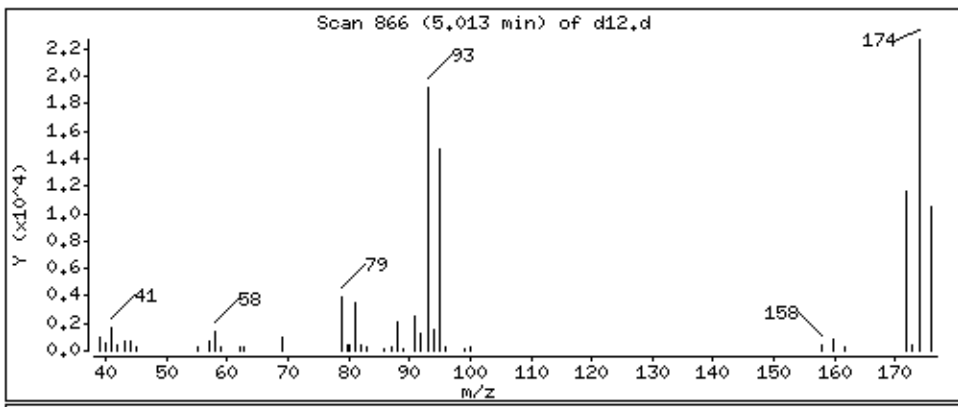
Column phase: DB-624

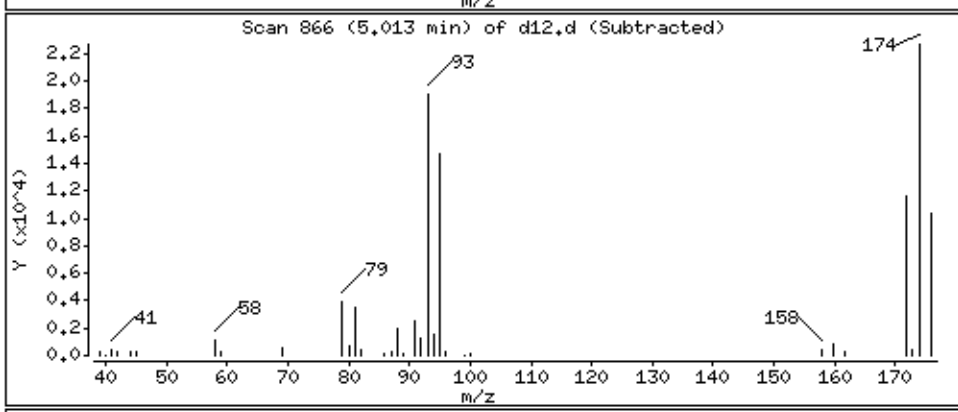
Column diameter: 0.18

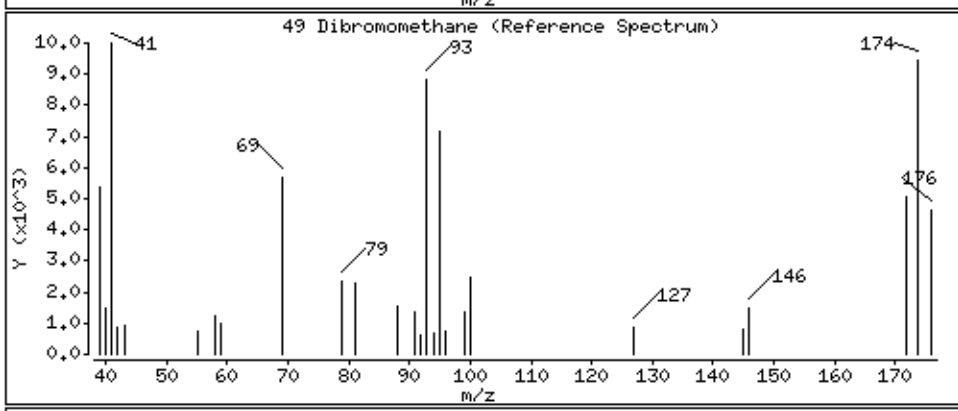
49 Dibromomethane

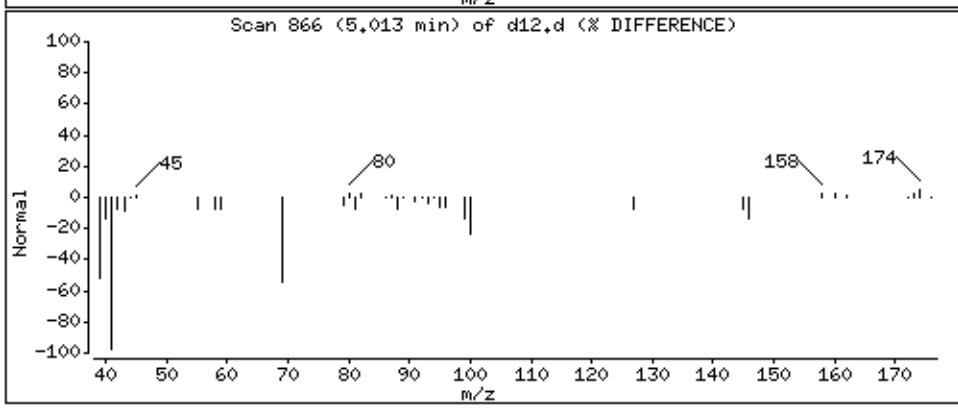
Concentration: 46.1 ppb

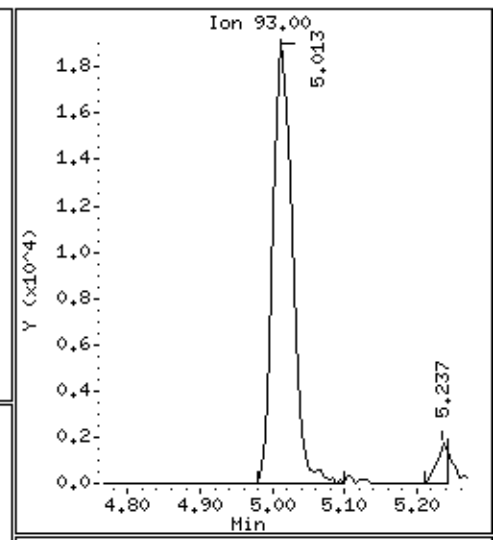
Review Code:

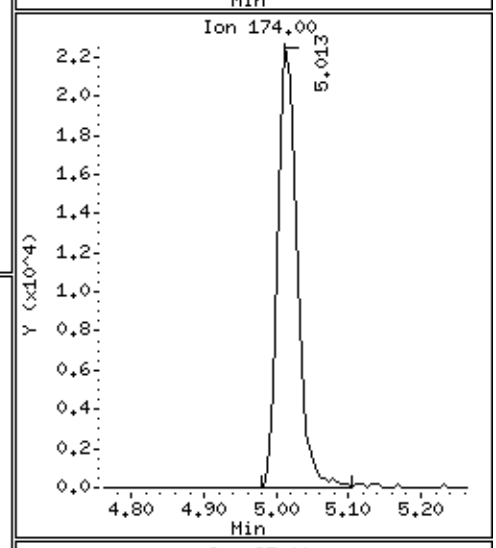


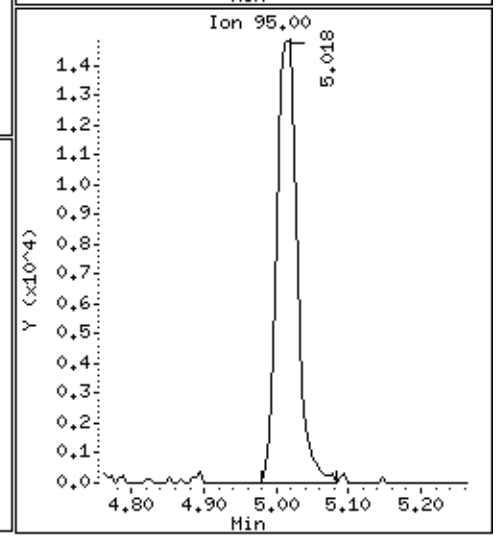












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

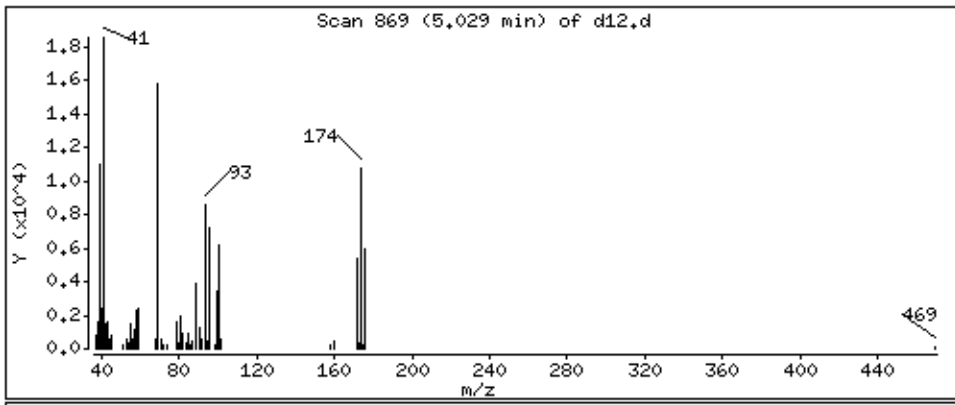
Column phase: DB-624

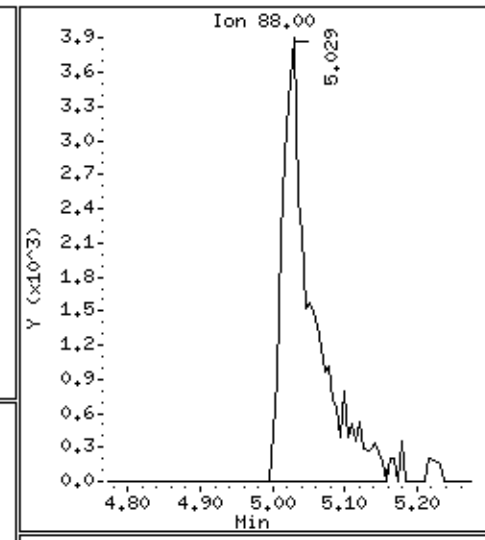
Column diameter: 0.18

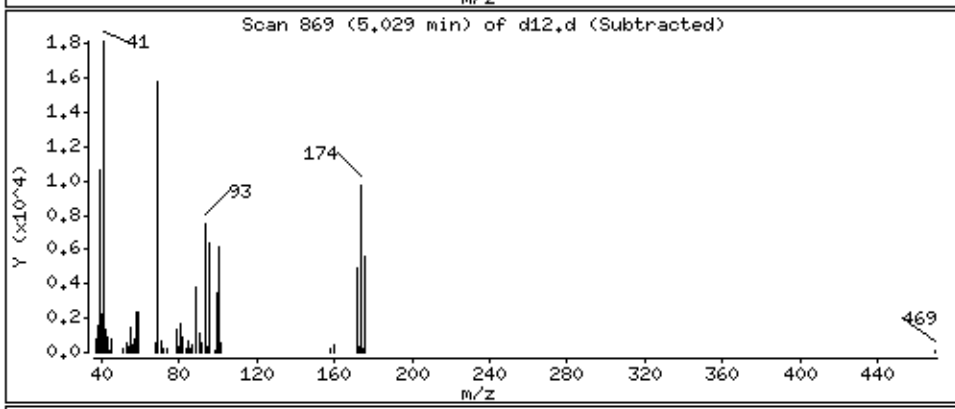
50 1,4-Dioxane

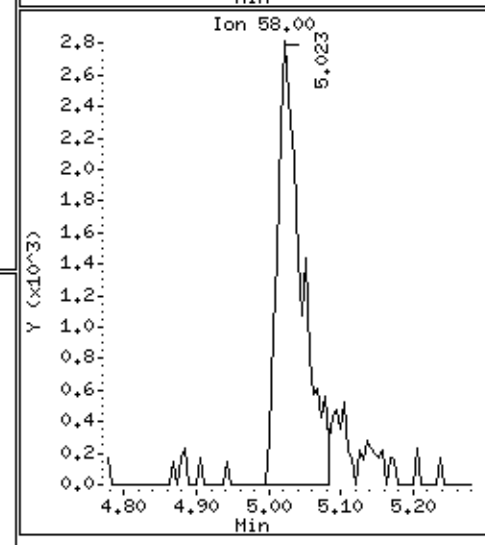
Concentration: 1120 ppb

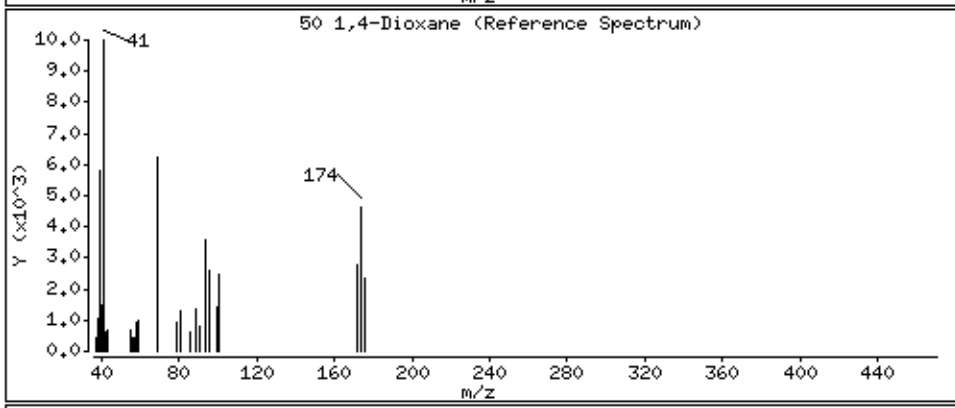
Review Code:

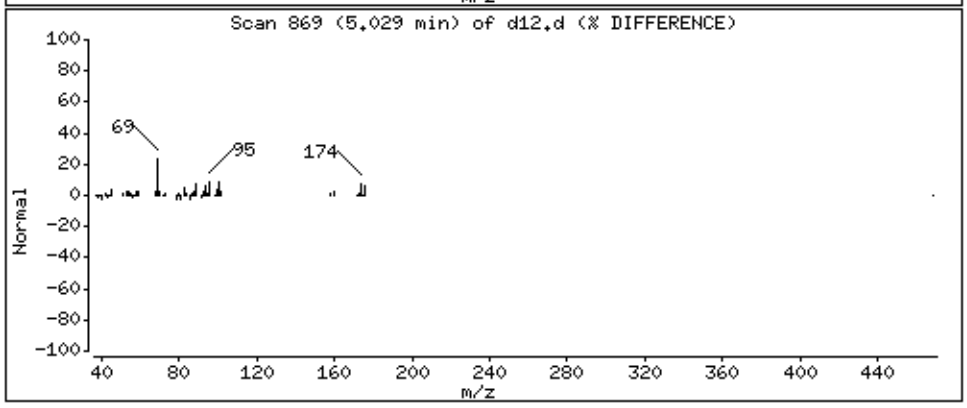












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

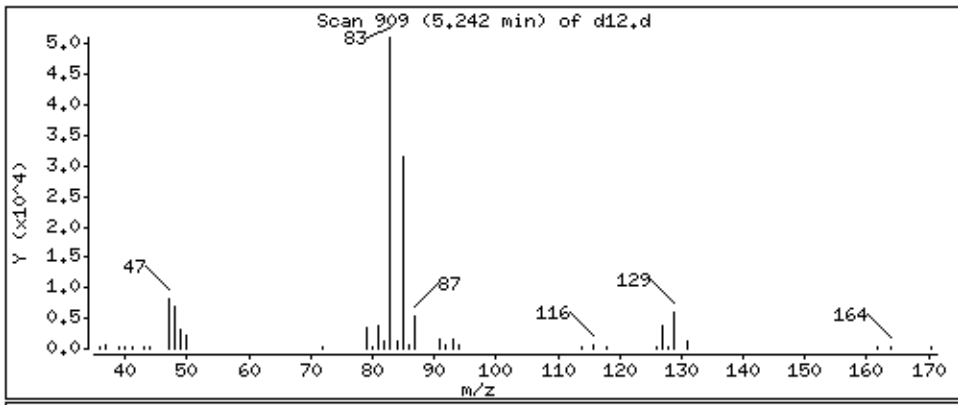
Column phase: DB-624

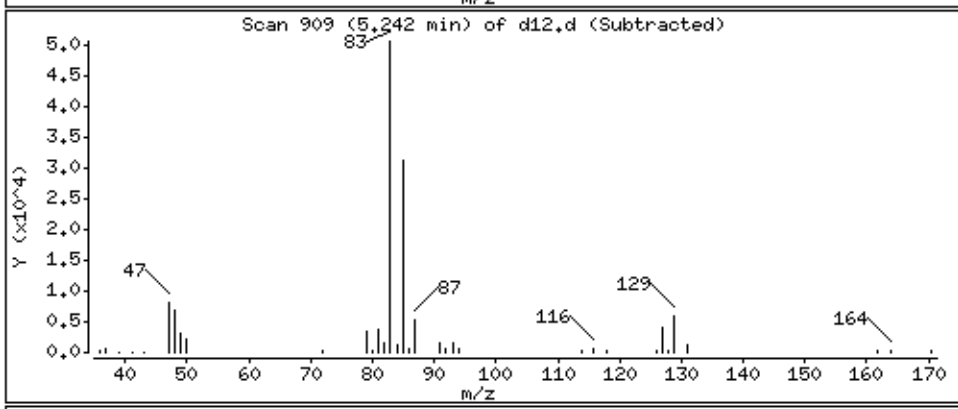
Column diameter: 0.18

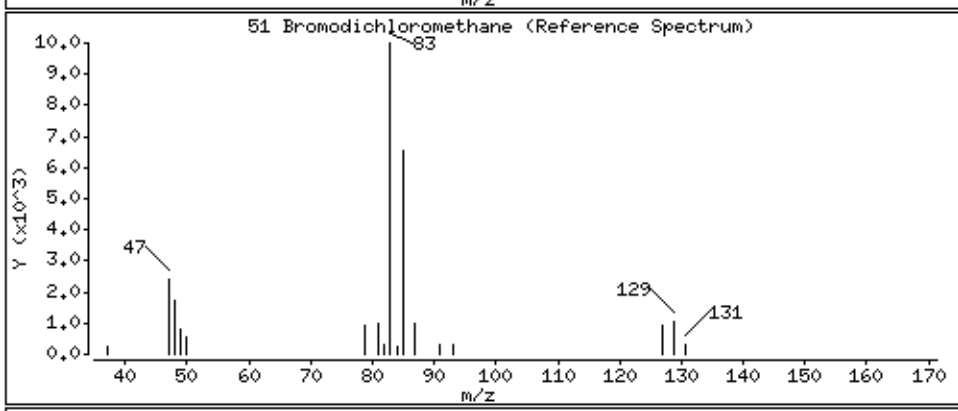
51 Bromodichloromethane

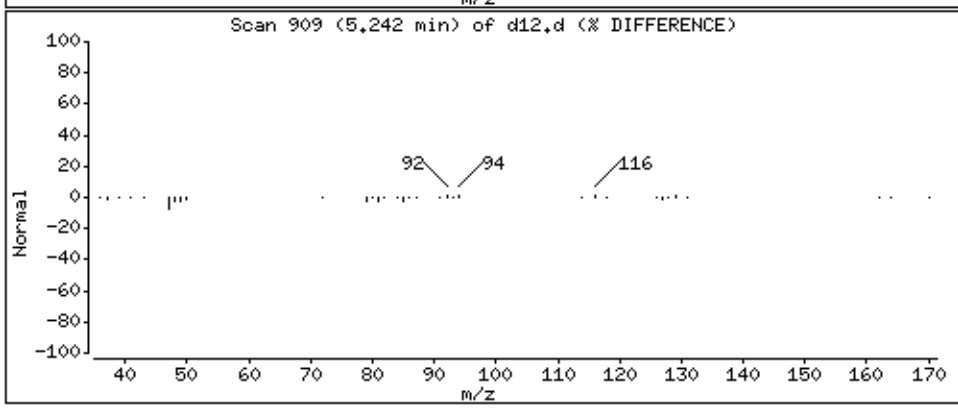
Concentration: 41.4 ppb

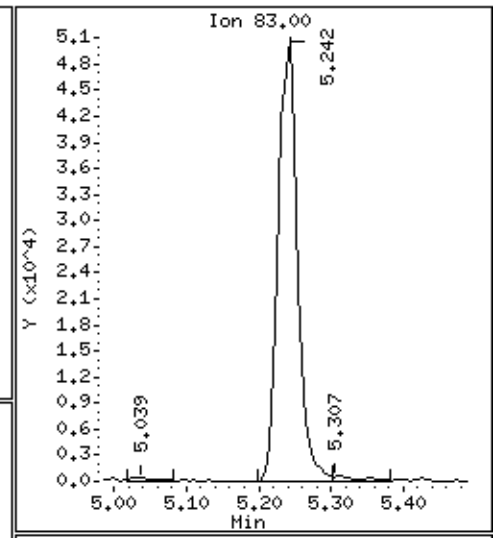
Review Code:

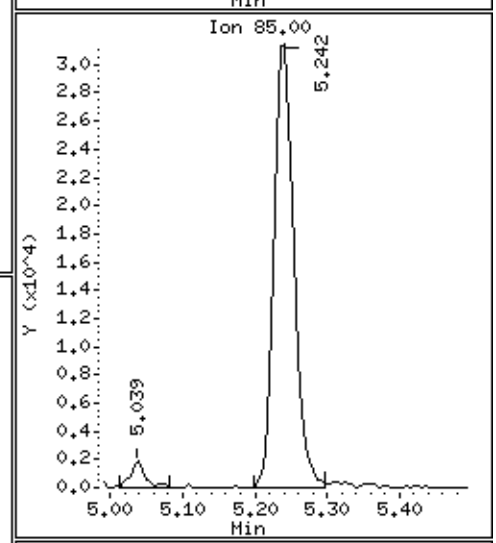


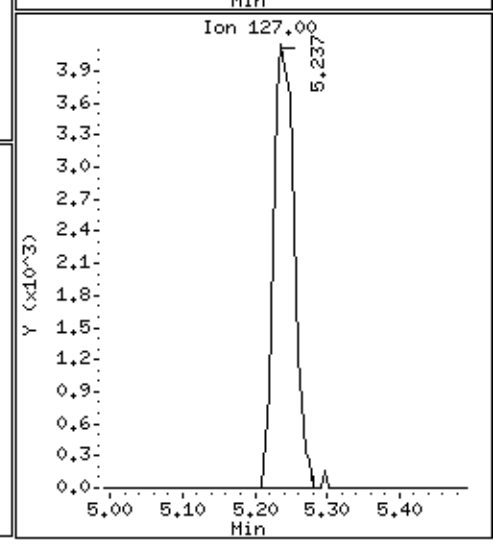












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

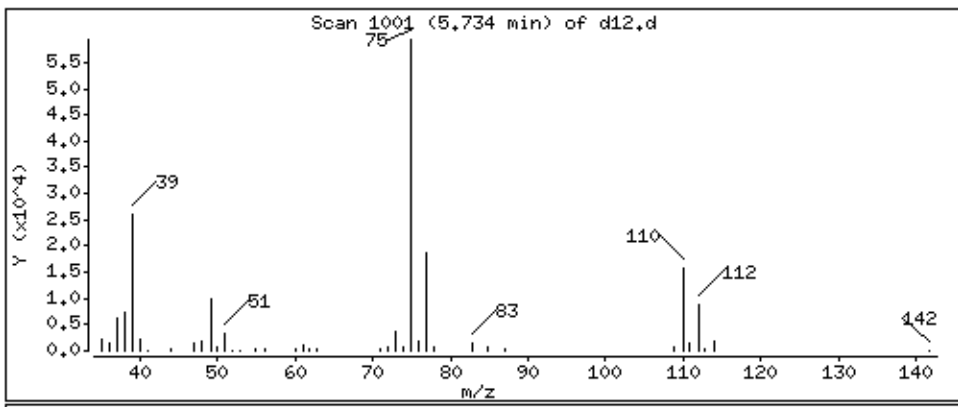
Column phase: DB-624

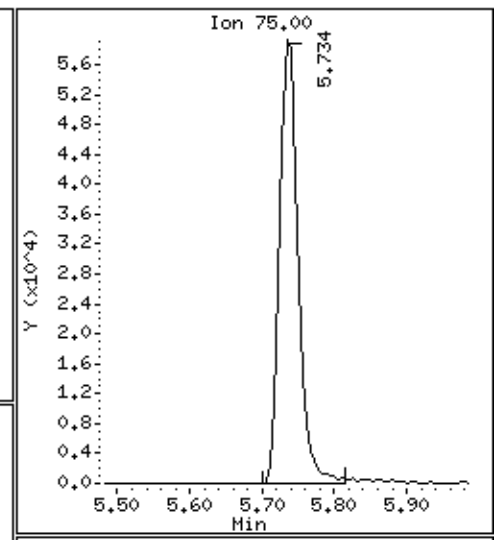
Column diameter: 0.18

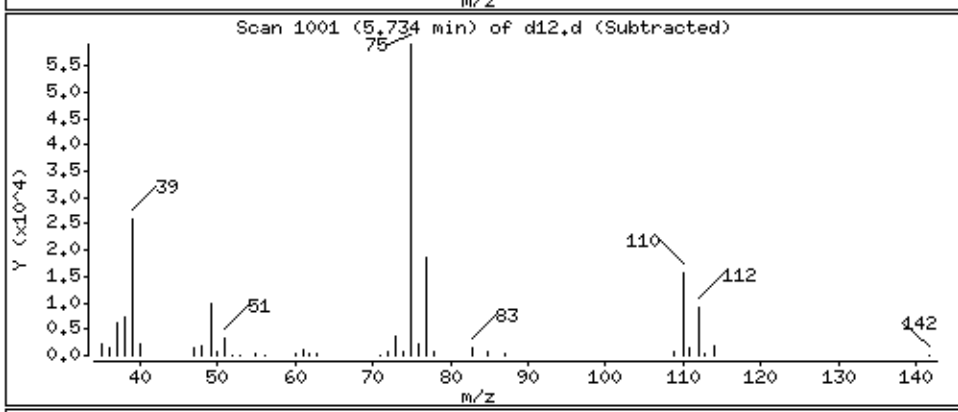
53 cis-1,3-Dichloropropene

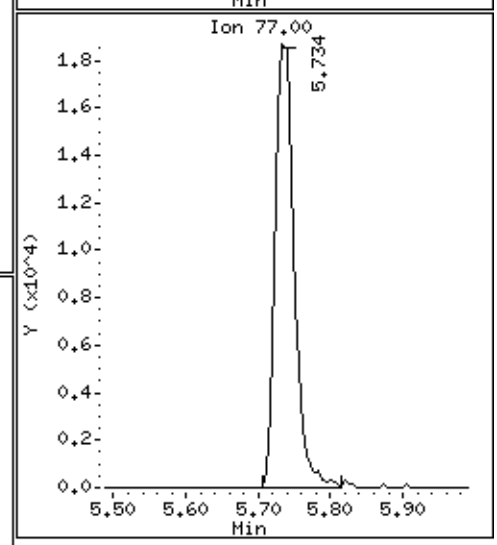
Concentration: 40.6 ppb

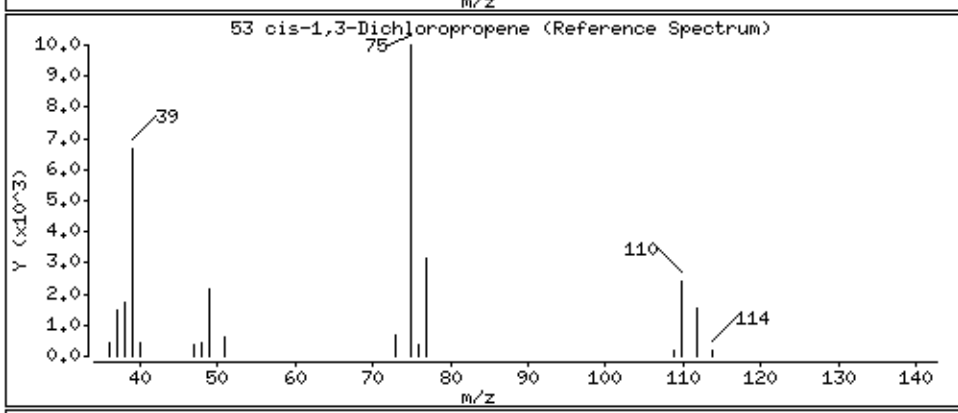
Review Code:

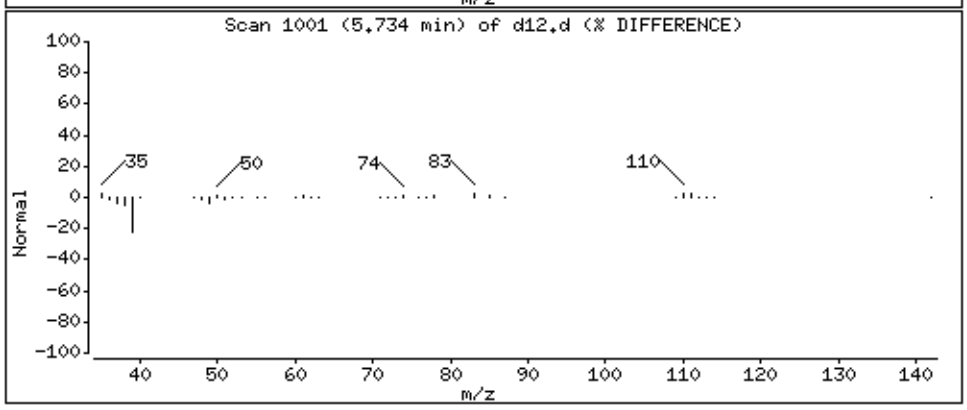












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

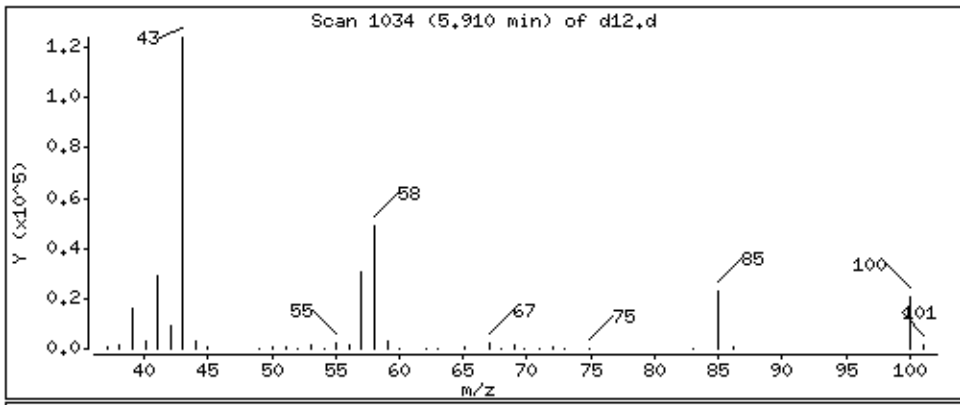
Column phase: DB-624

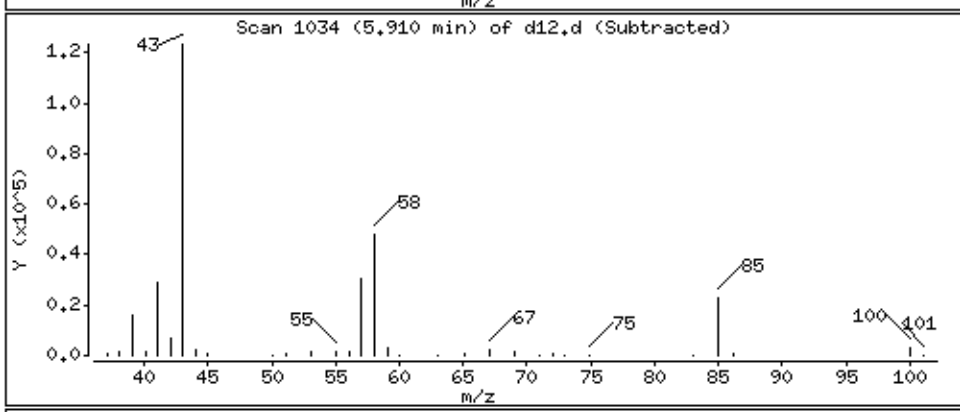
Column diameter: 0.18

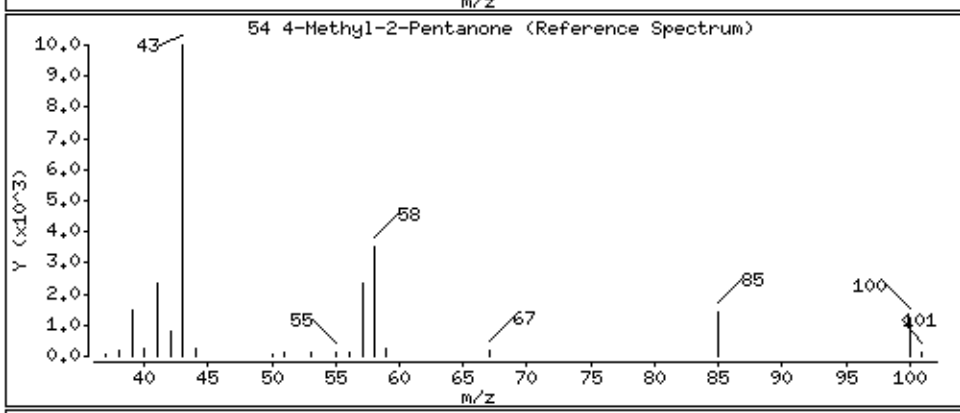
54 4-Methyl-2-Pentanone

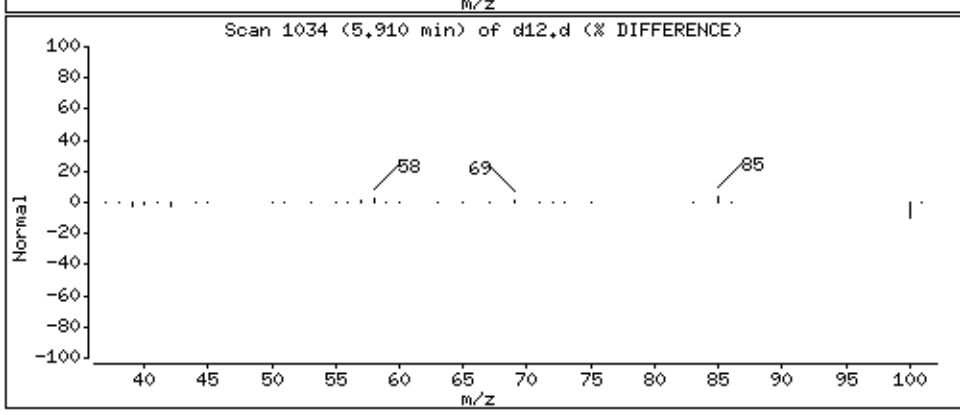
Concentration: 243 ppb

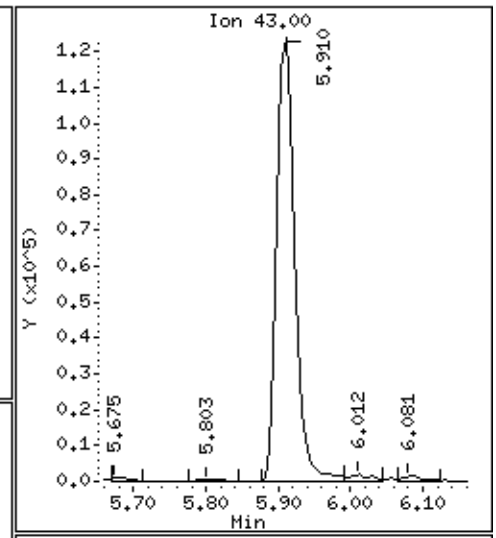
Review Code:

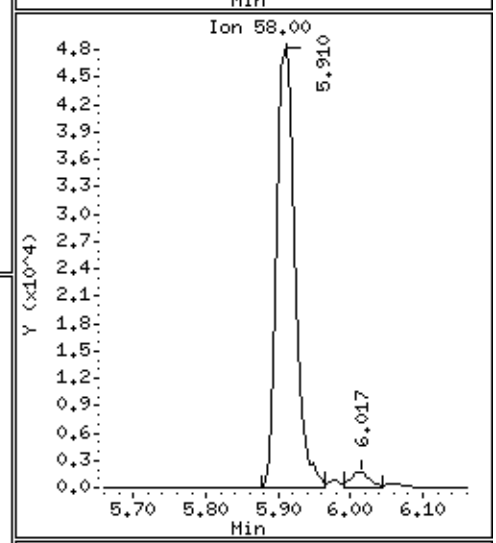


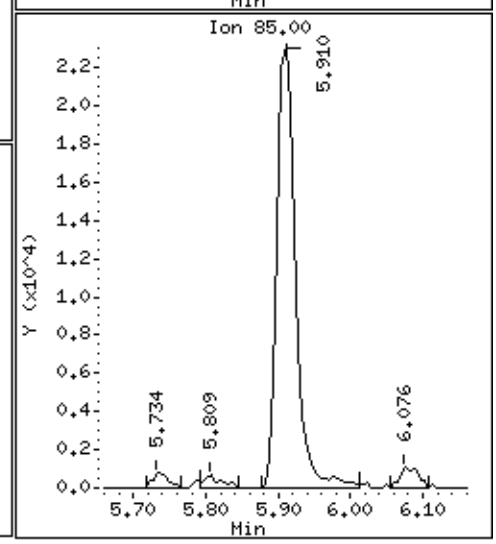












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

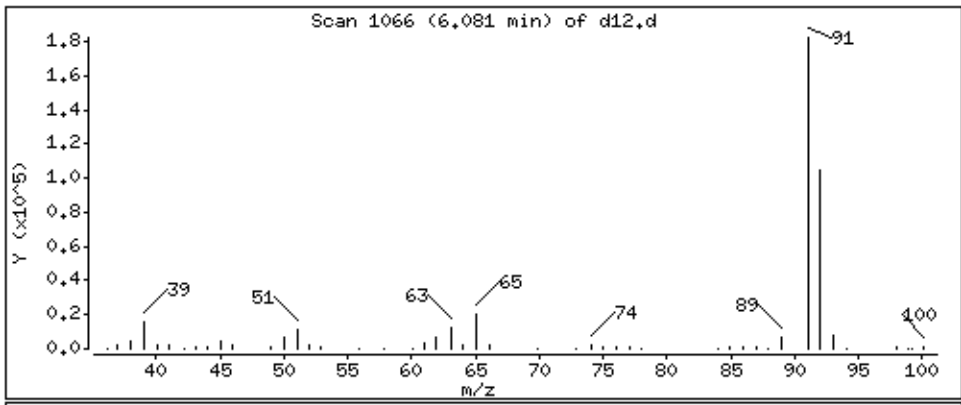
Column phase: DB-624

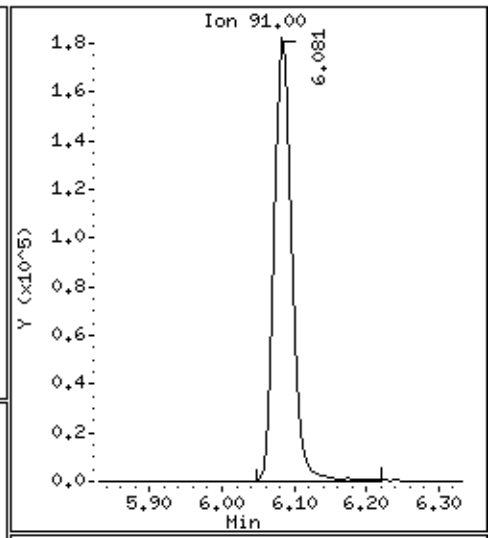
Column diameter: 0.18

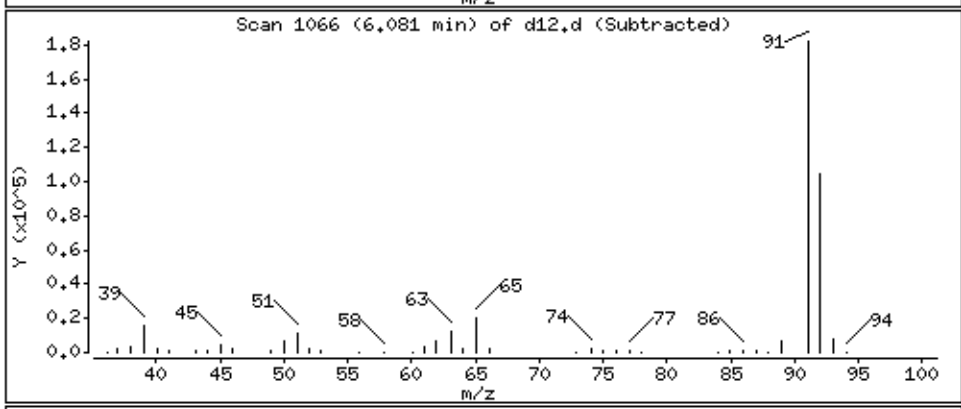
56 Toluene

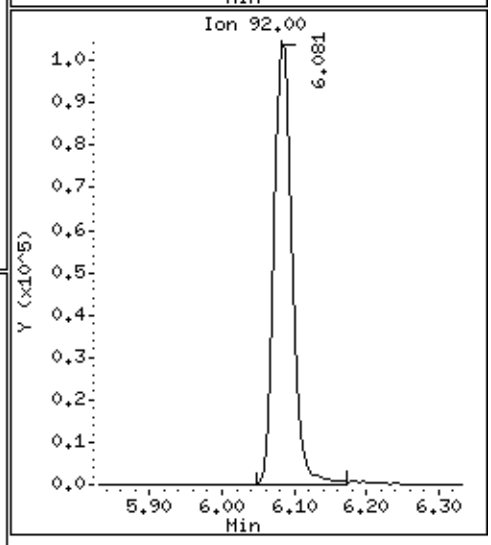
Concentration: 35.6 ppb

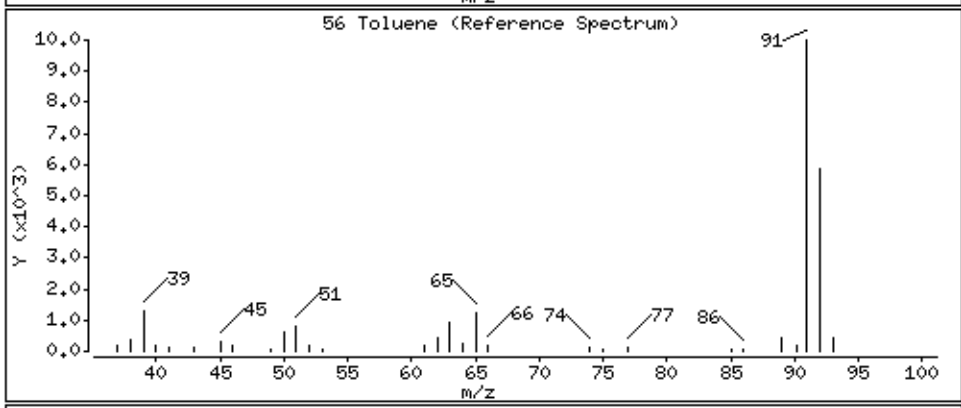
Review Code:

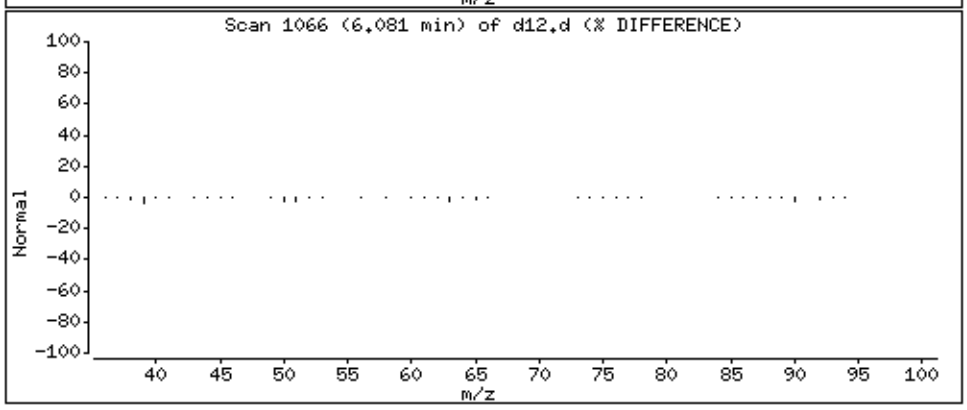












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

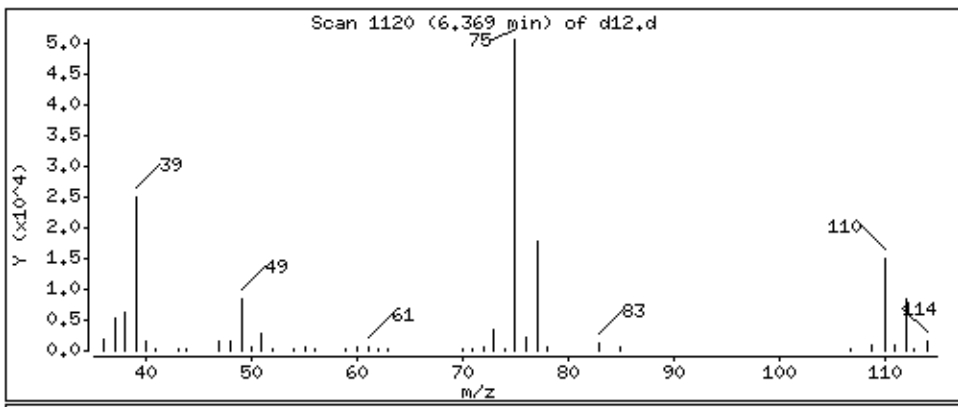
Column phase: DB-624

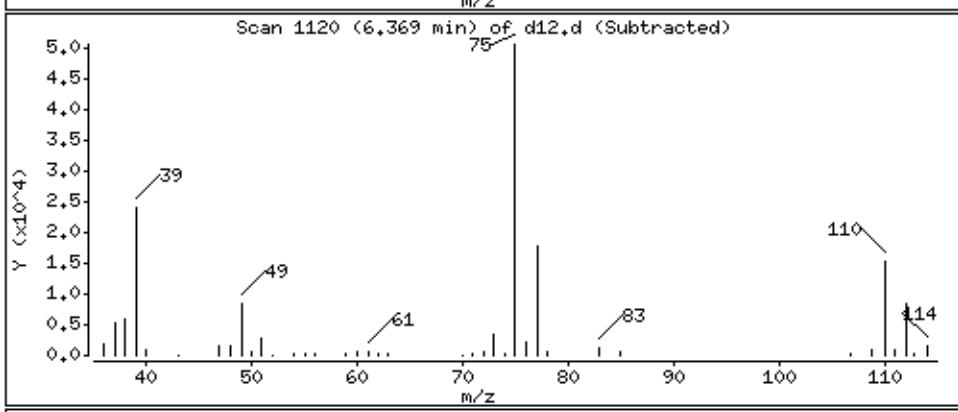
Column diameter: 0.18

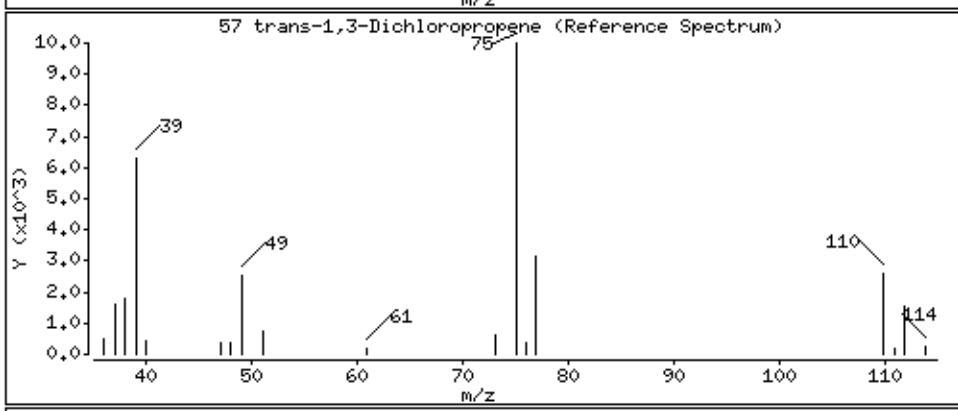
57 trans-1,3-Dichloropropene

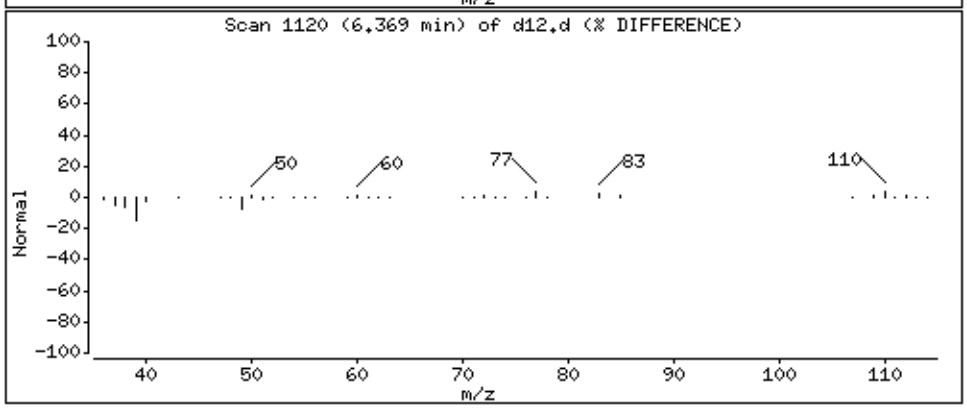
Concentration: 40.9 ppb

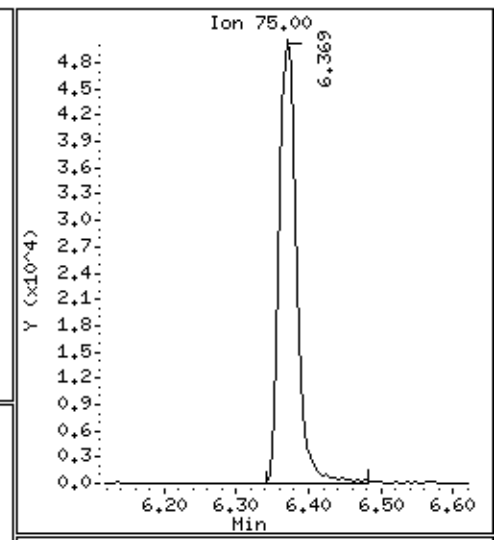
Review Code:

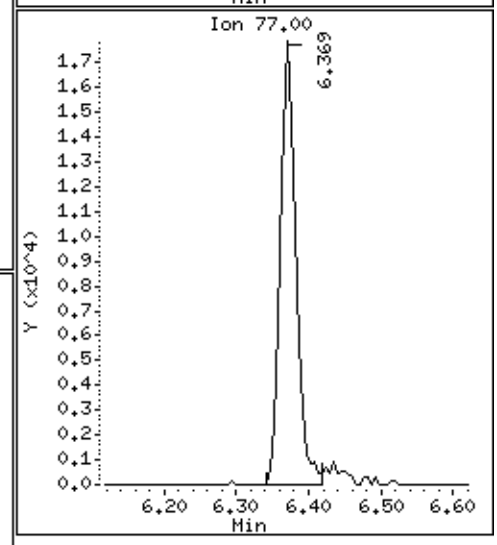












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

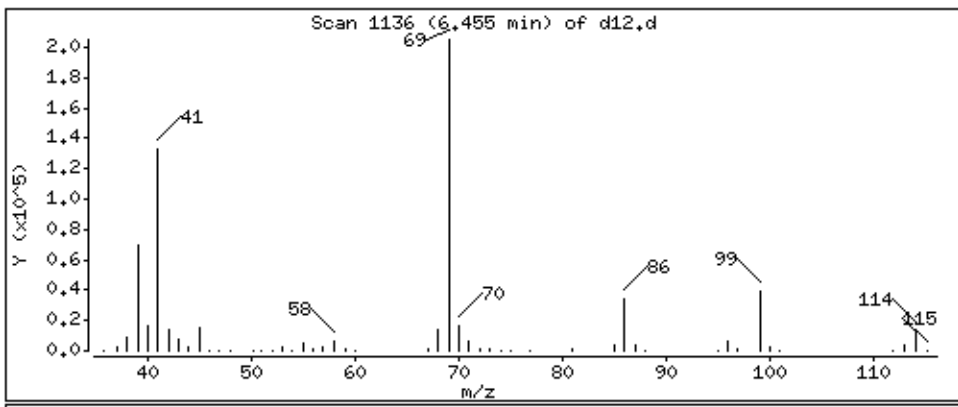
Column phase: DB-624

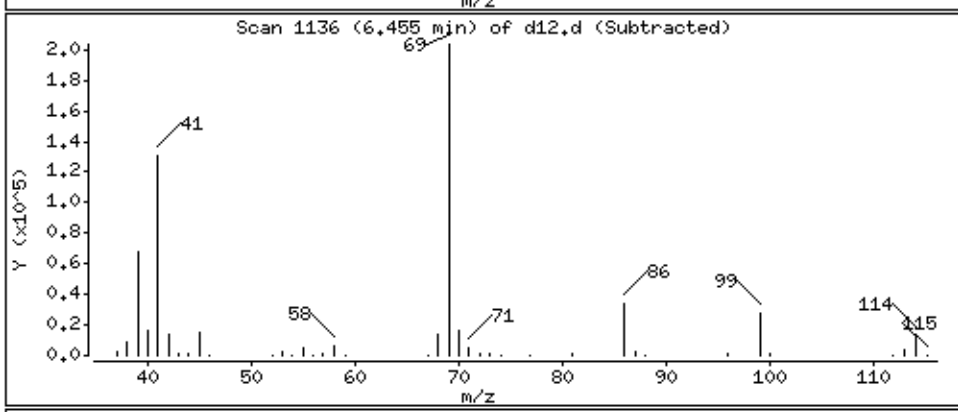
Column diameter: 0.18

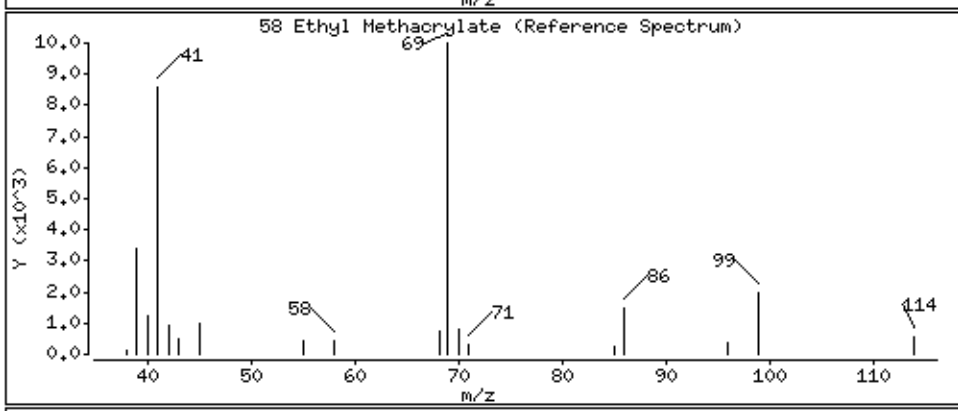
58 Ethyl Methacrylate

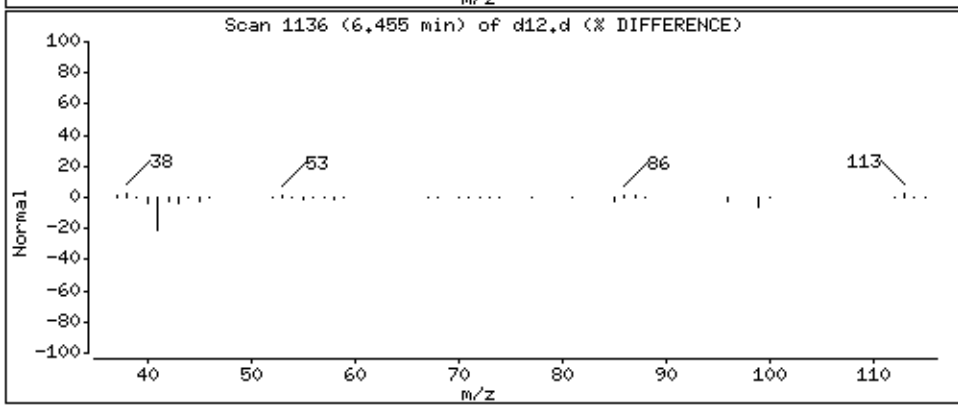
Concentration: 194 ppb

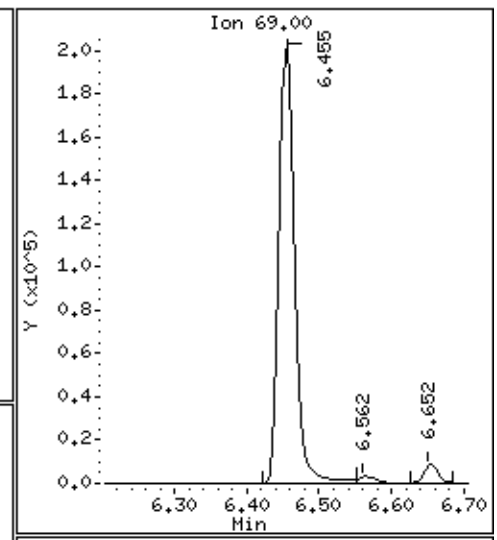
Review Code:

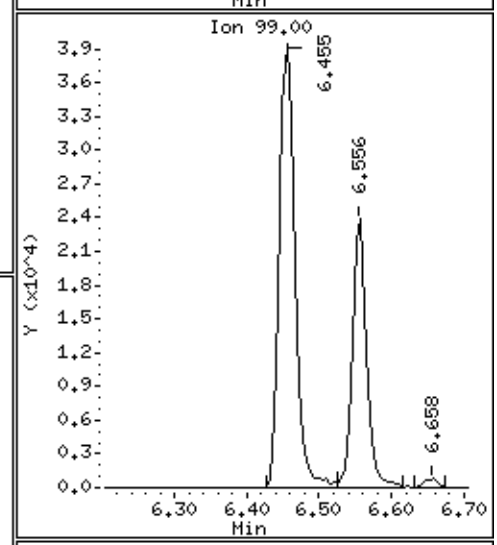


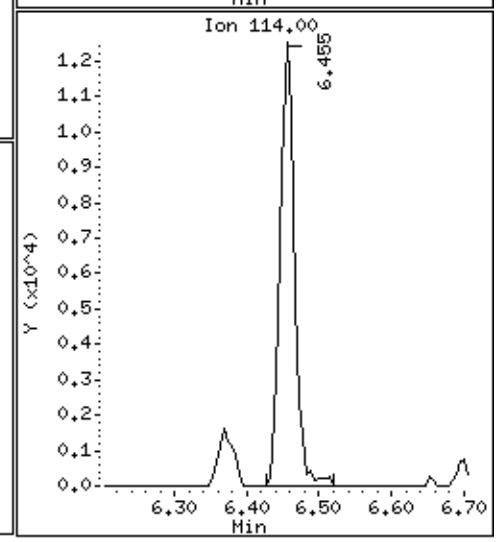












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

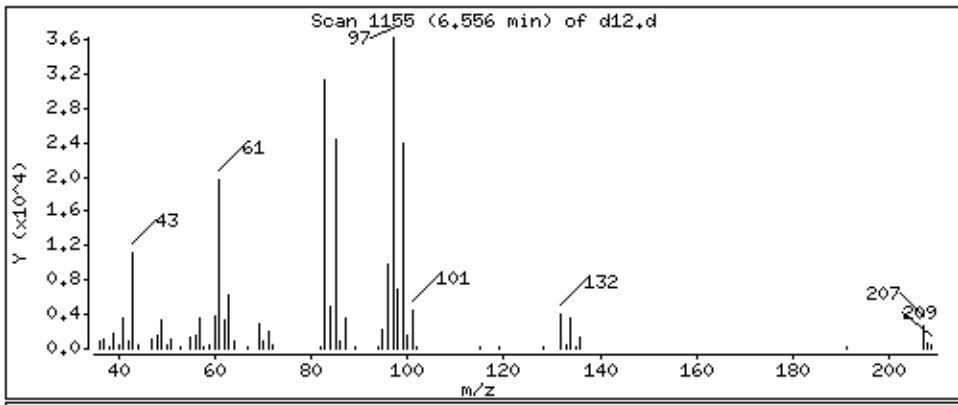
Column phase: DB-624

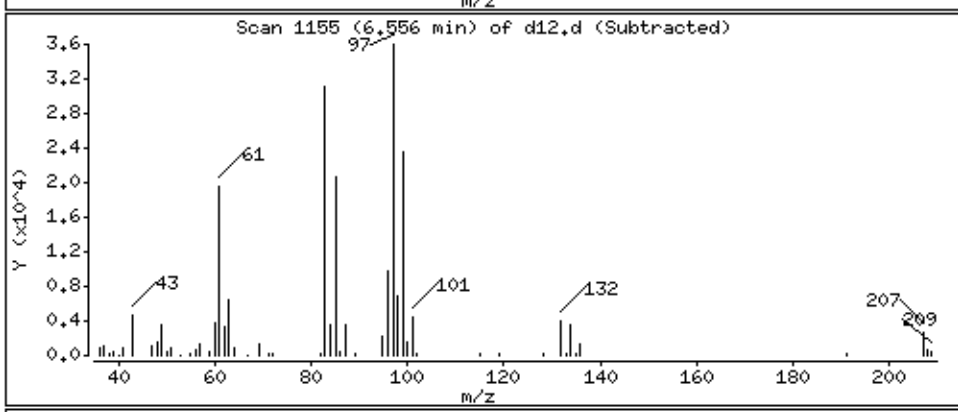
Column diameter: 0.18

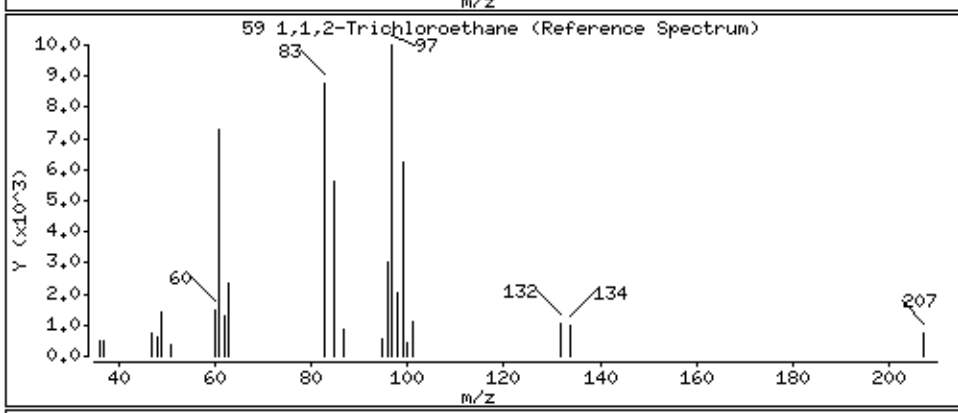
59 1,1,2-Trichloroethane

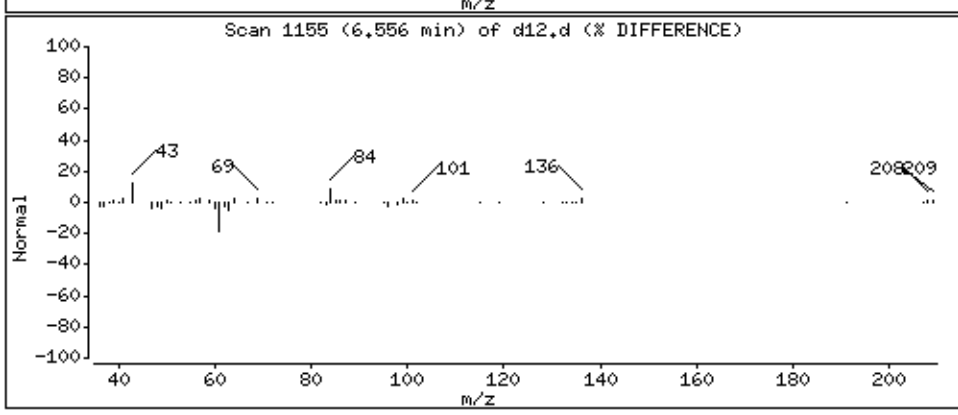
Concentration: 46.4 ppb

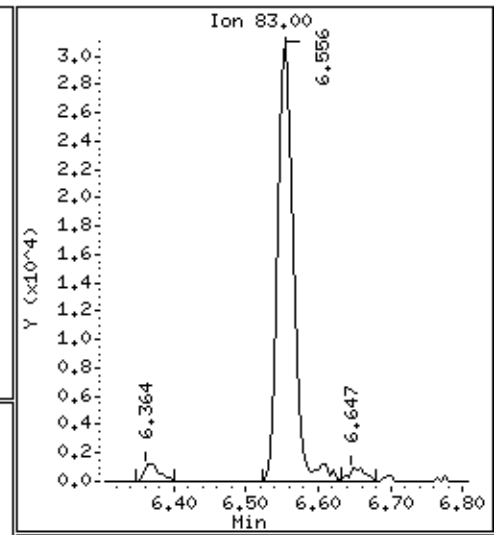
Review Code:

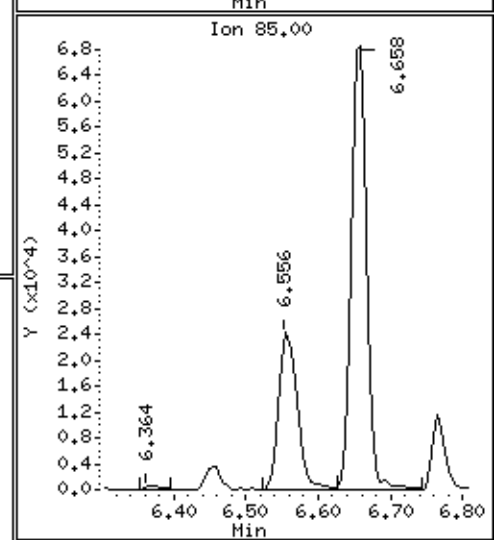


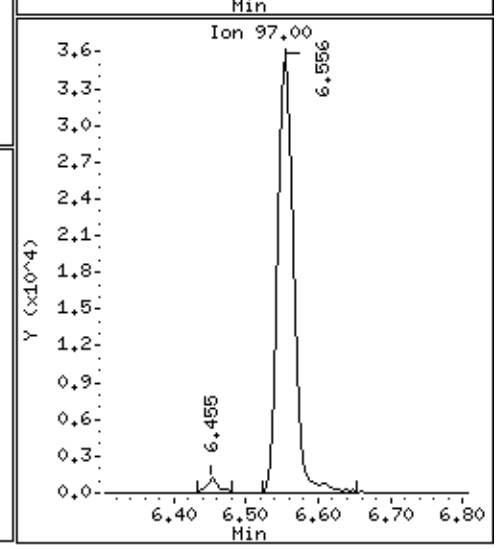












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Page 60

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

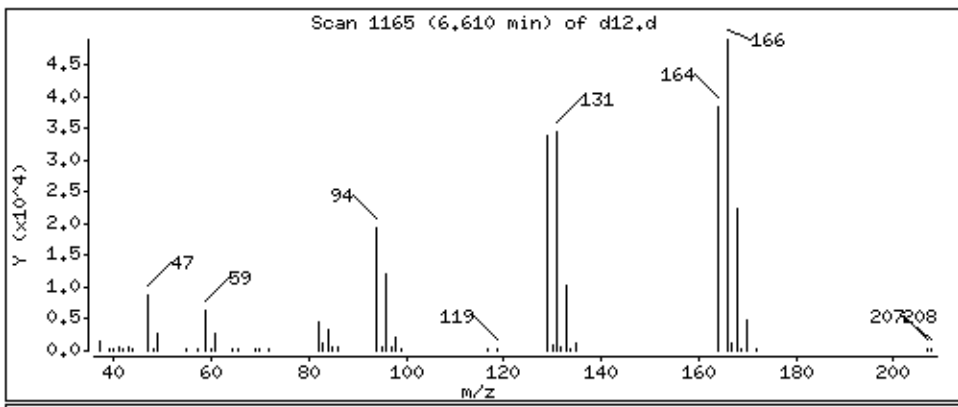
Column phase: DB-624

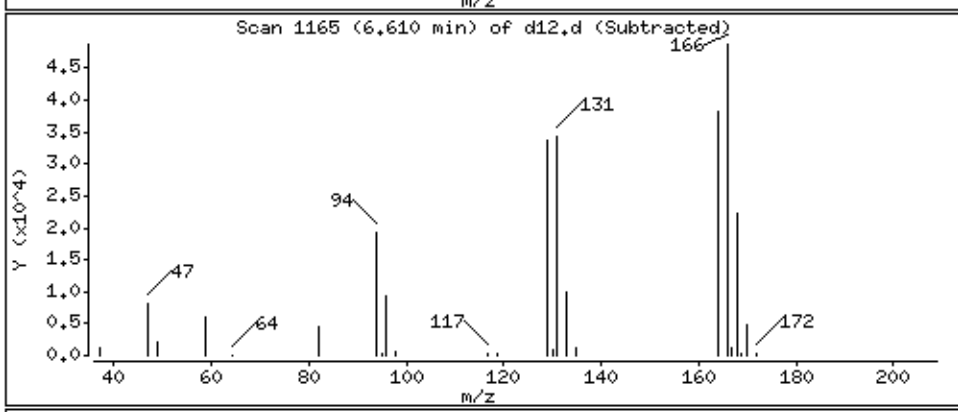
Column diameter: 0.18

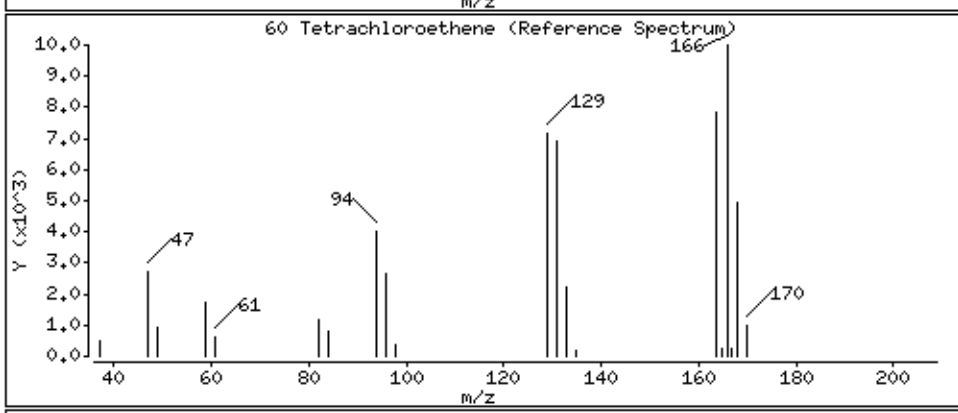
60 Tetrachloroethene

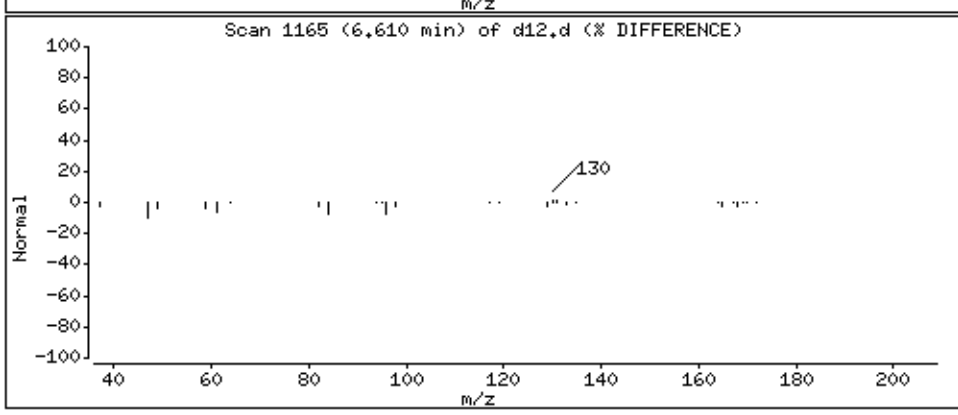
Concentration: 31.6 ppb

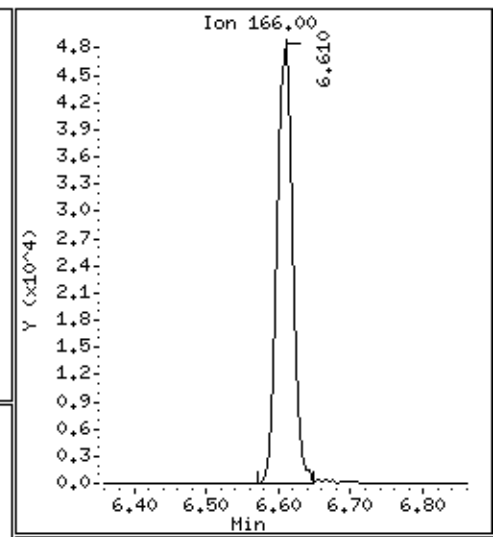
Review Code:

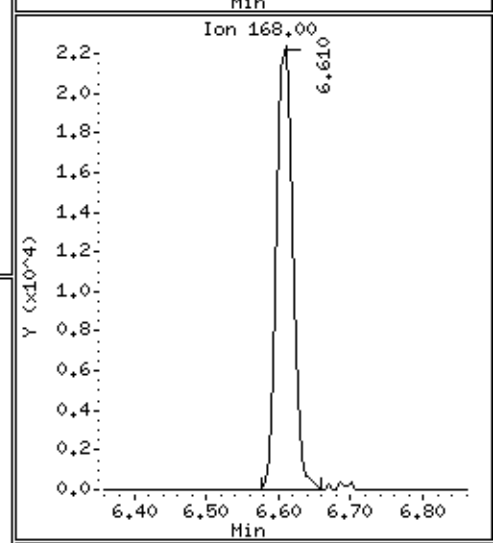


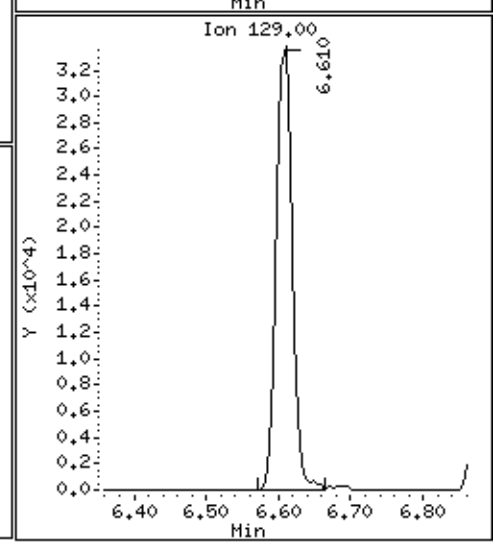












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

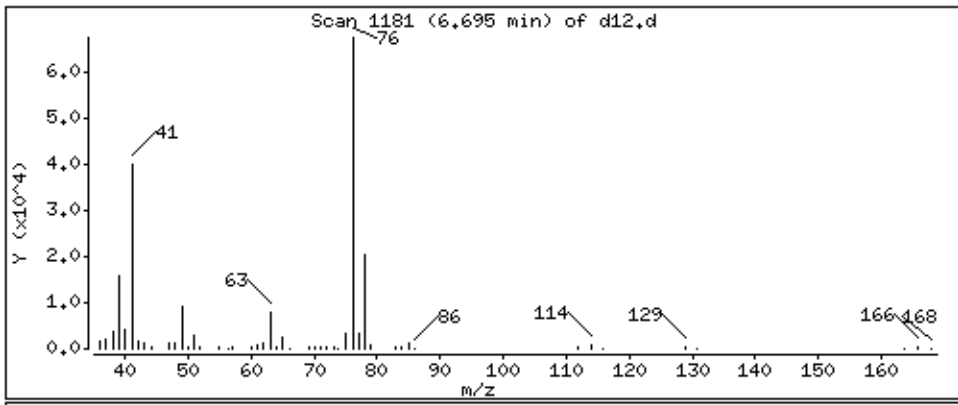
Column phase: DB-624

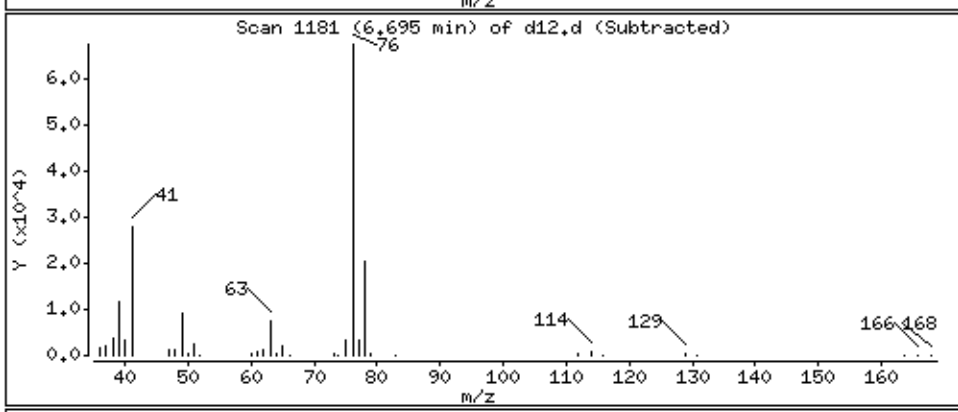
Column diameter: 0.18

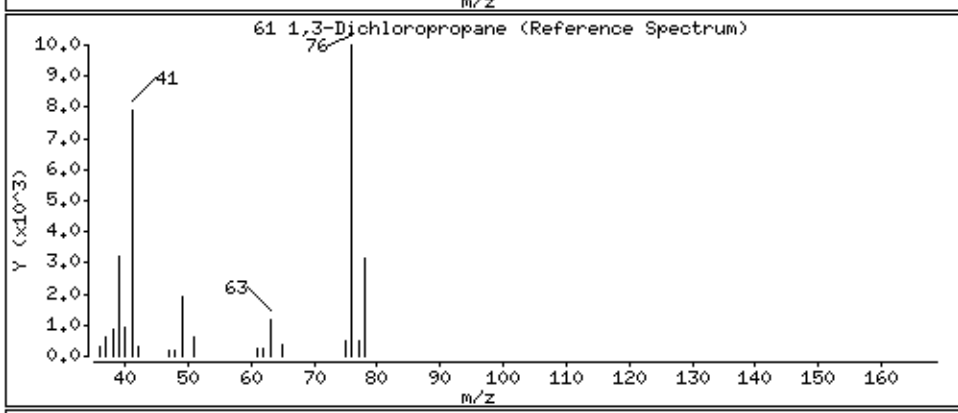
61 1,3-Dichloropropane

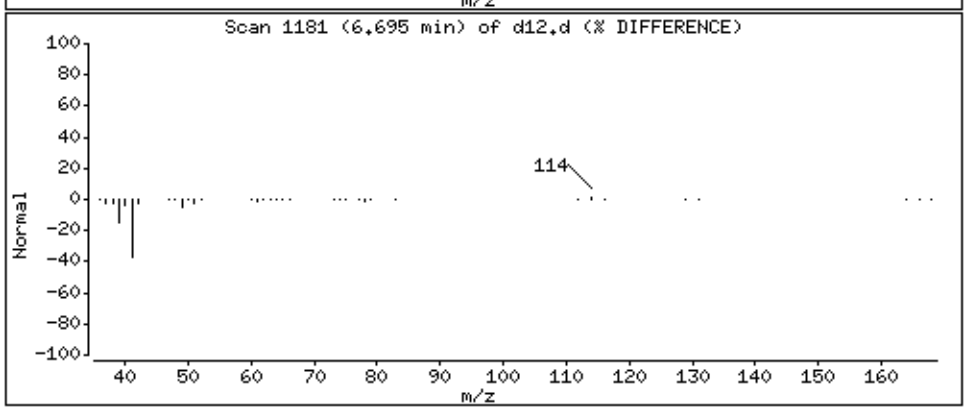
Concentration: 50.1 ppb

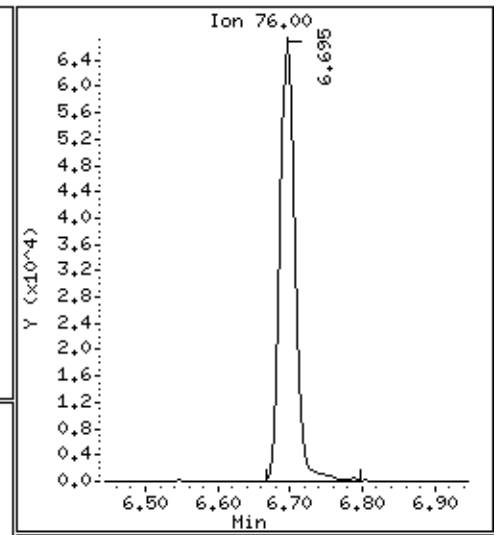
Review Code:

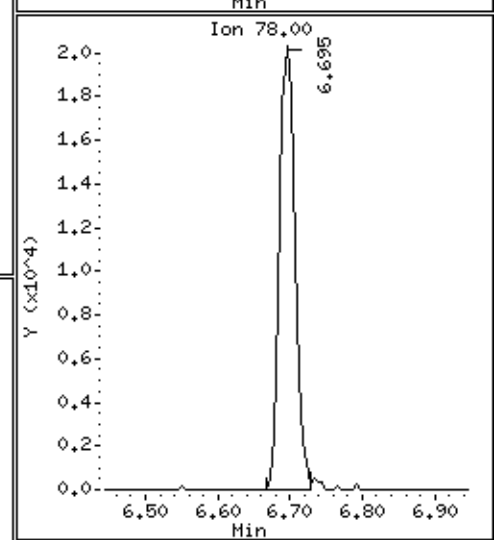












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

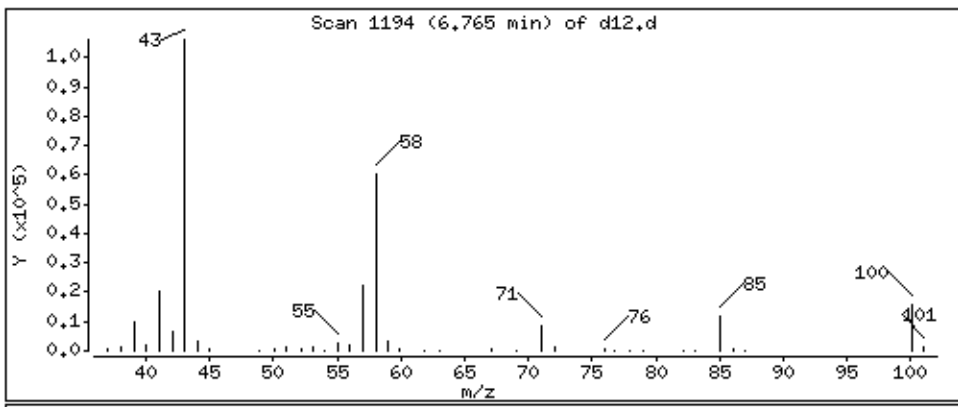
Column phase: DB-624

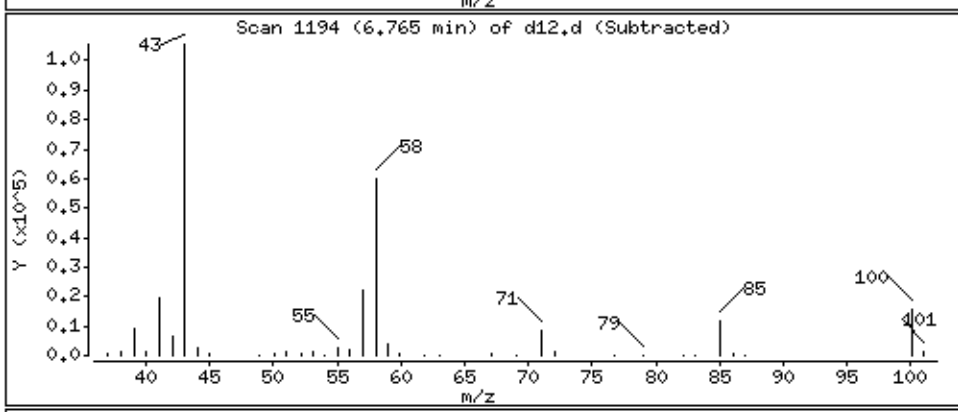
Column diameter: 0.18

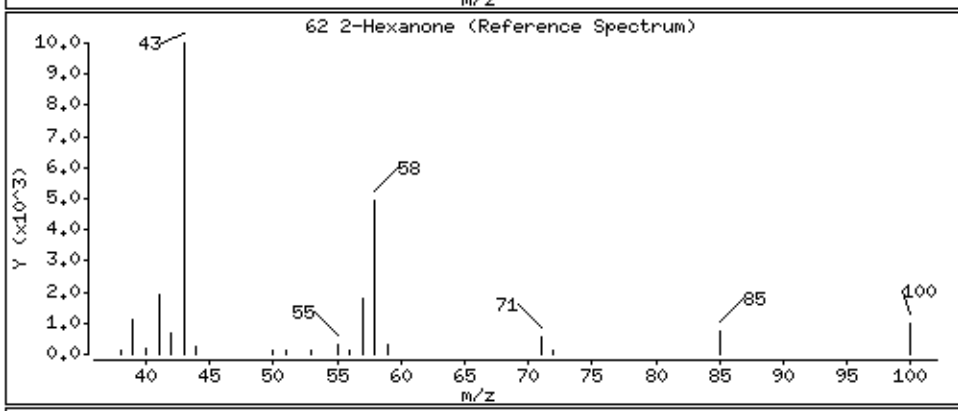
62 2-Hexanone

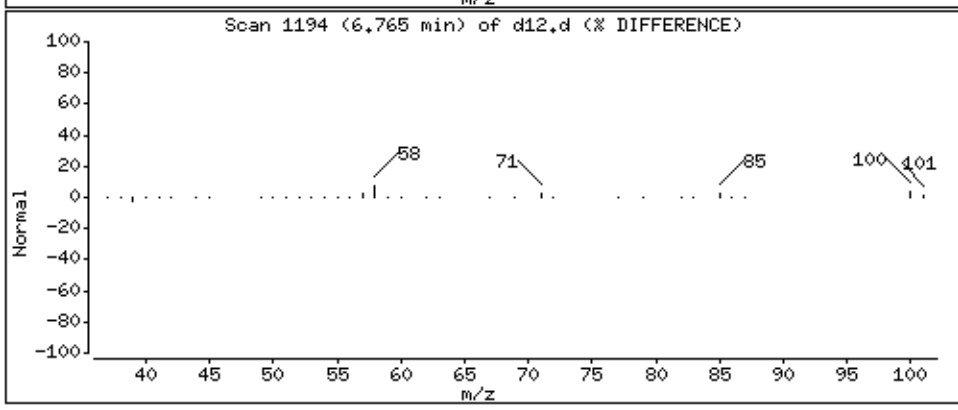
Concentration: 261 ppb

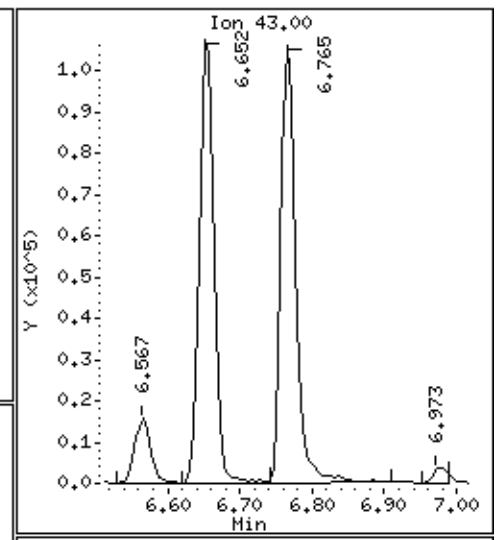
Review Code:

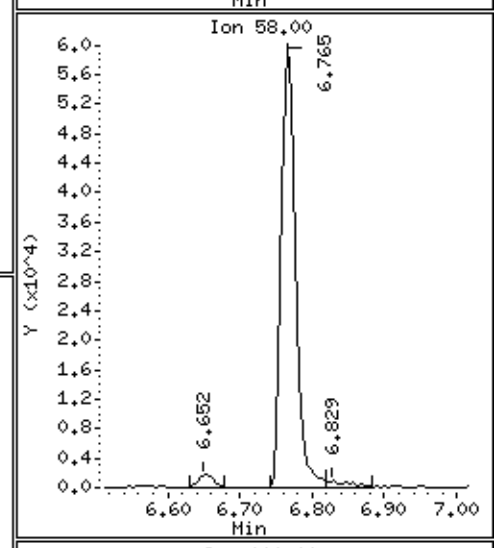


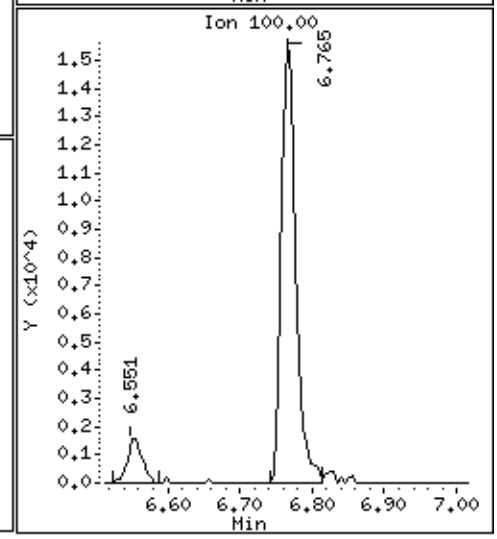












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

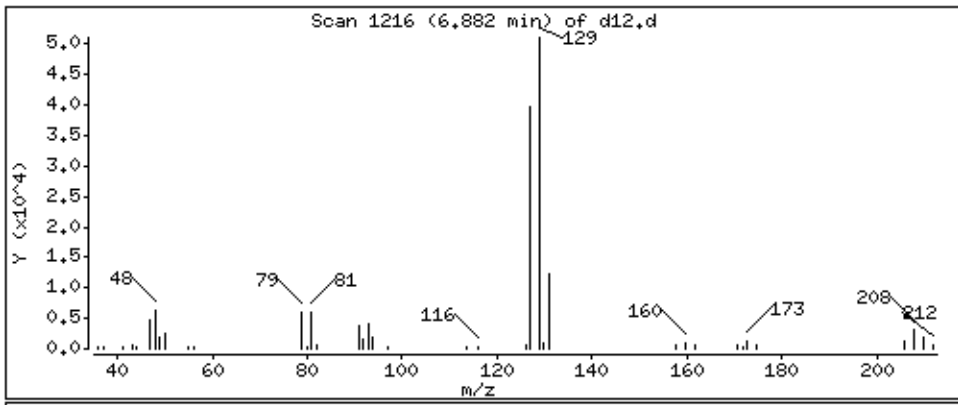
Column phase: DB-624

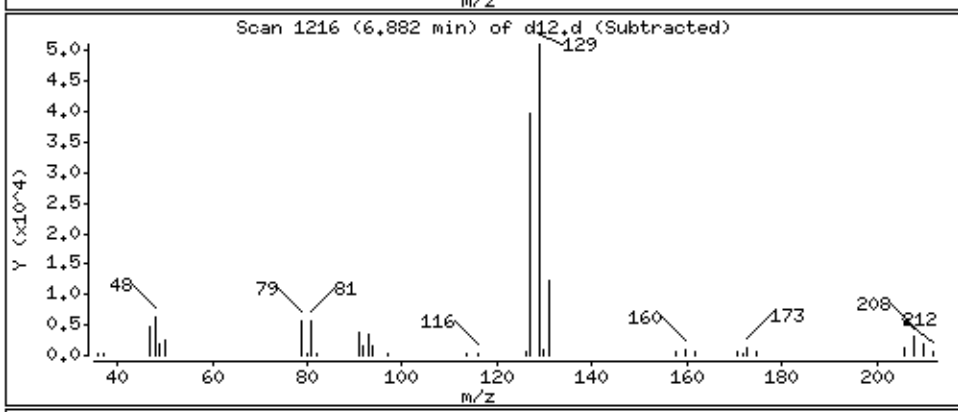
Column diameter: 0.18

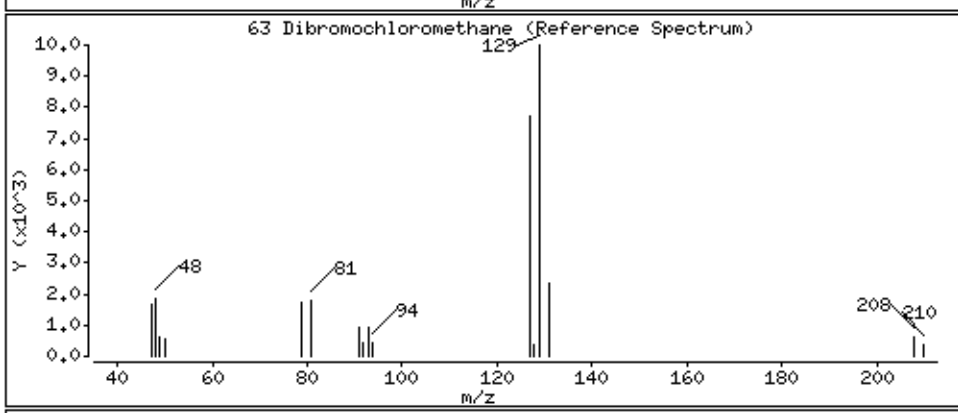
63 Dibromochloromethane

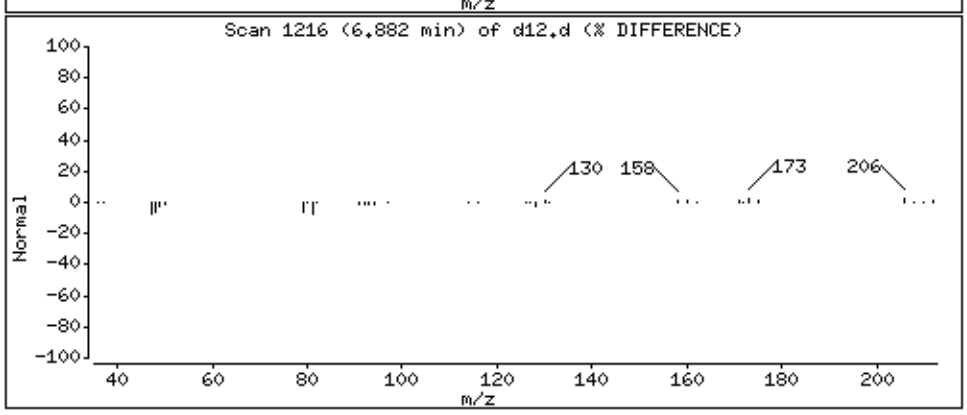
Concentration: 48.4 ppb

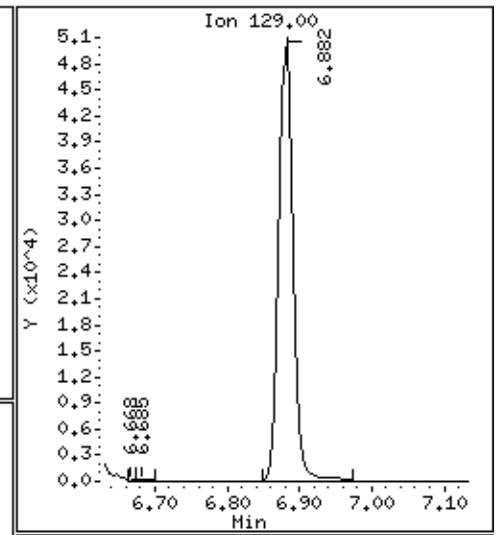
Review Code:

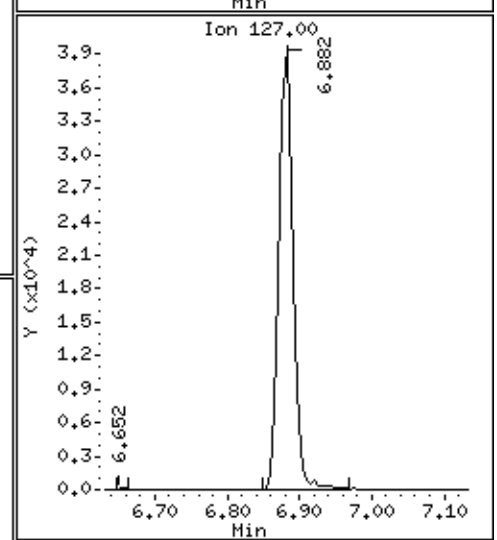












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

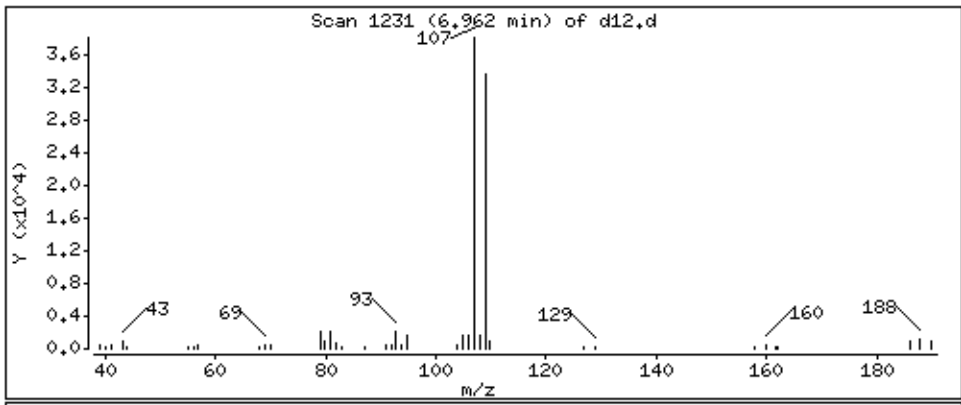
Column phase: DB-624

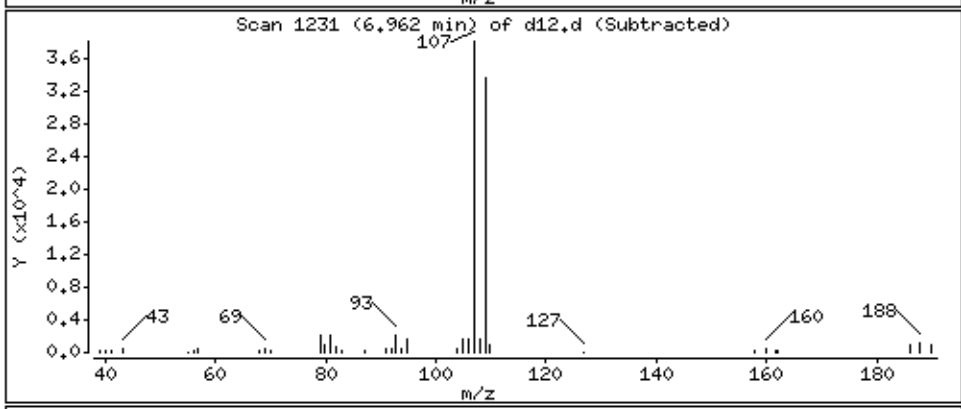
Column diameter: 0.18

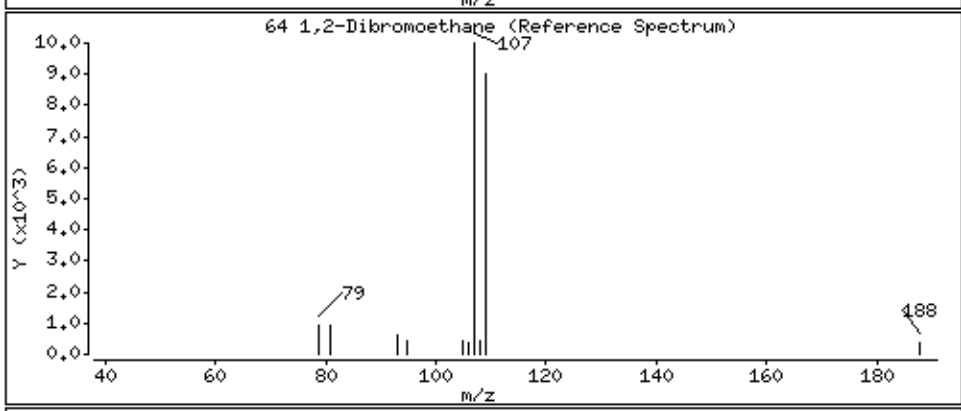
64 1,2-Dibromoethane

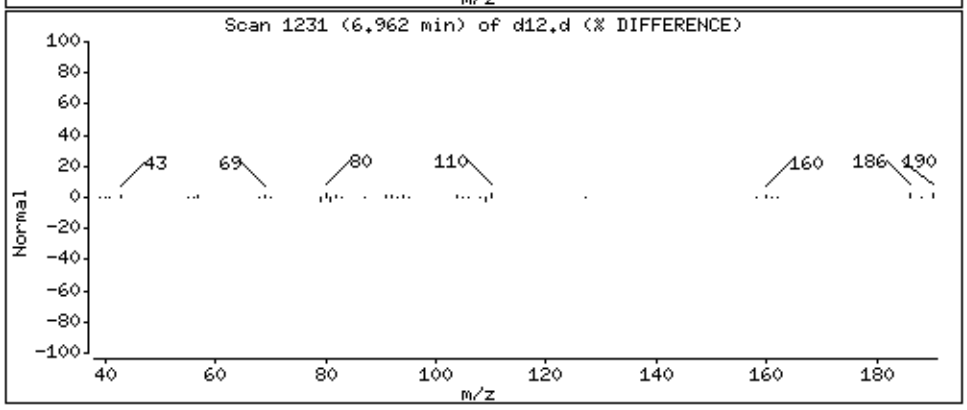
Concentration: 49.6 ppb

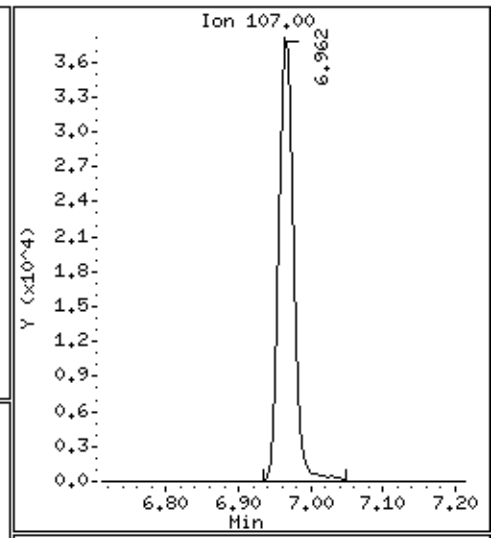
Review Code:

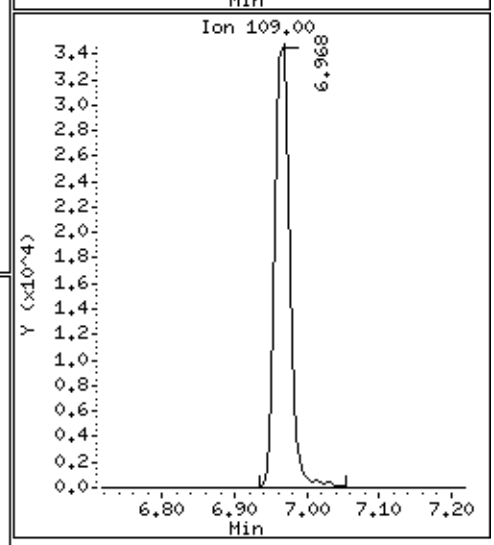












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

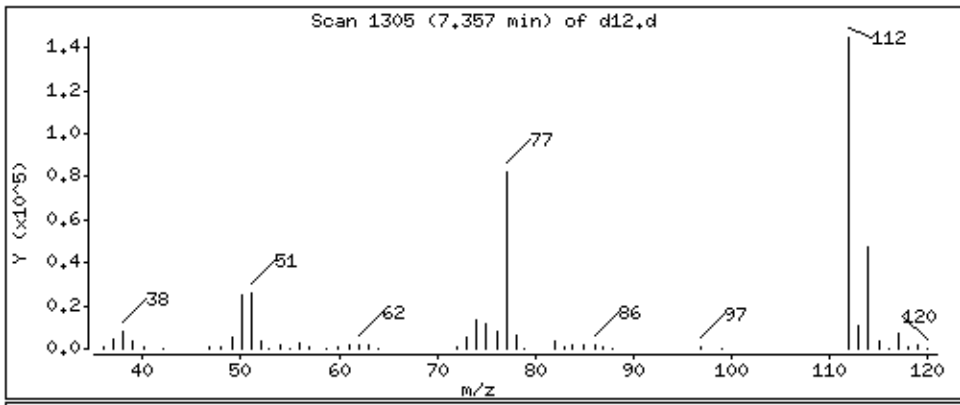
Column phase: DB-624

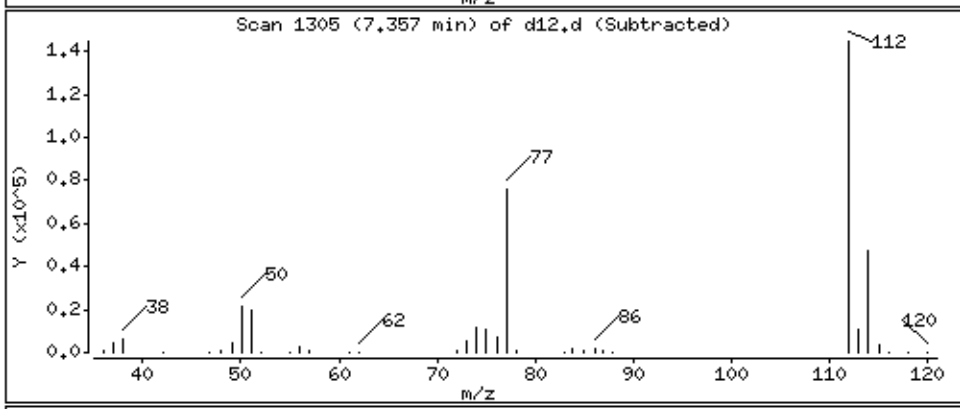
Column diameter: 0.18

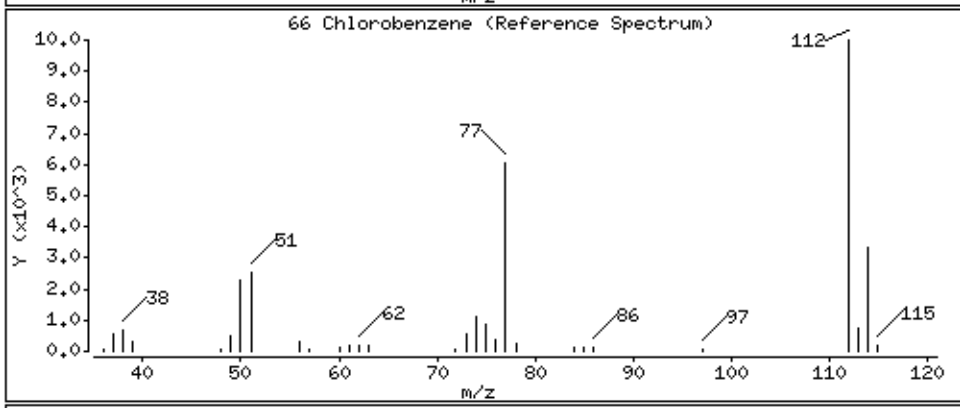
66 Chlorobenzene

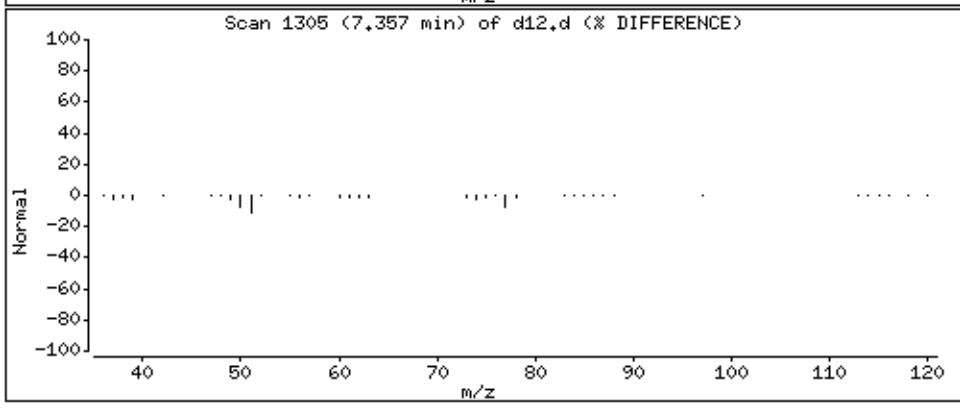
Concentration: 35.1 ppb

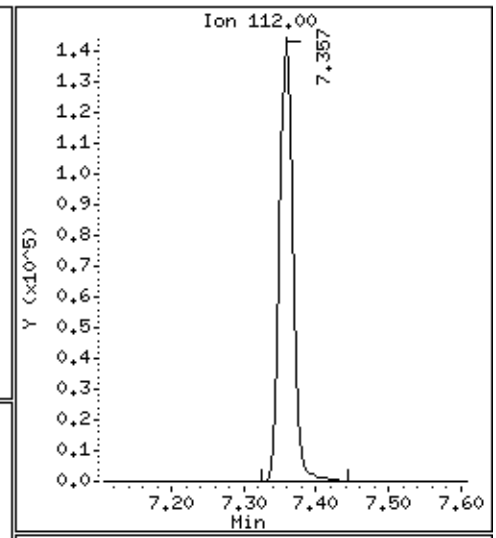
Review Code:

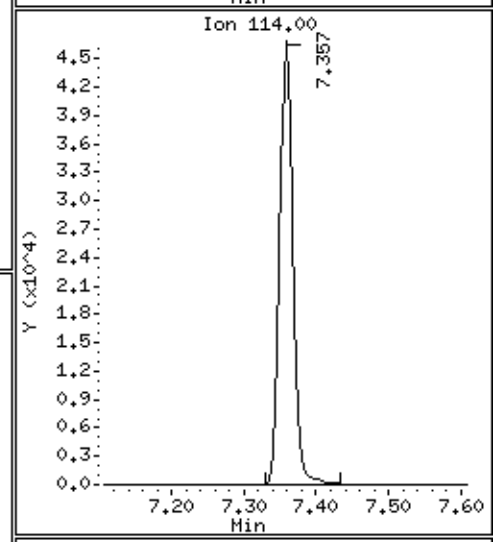


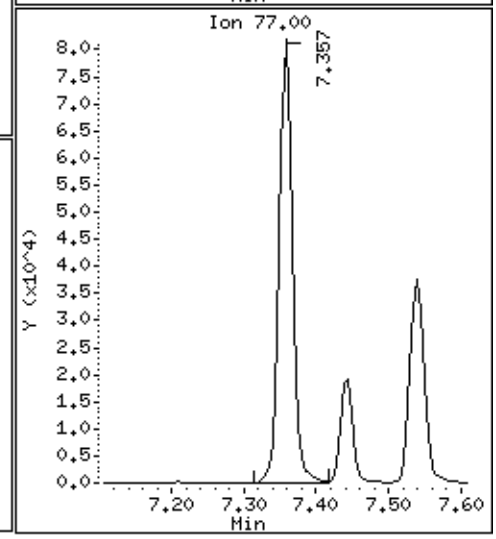












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

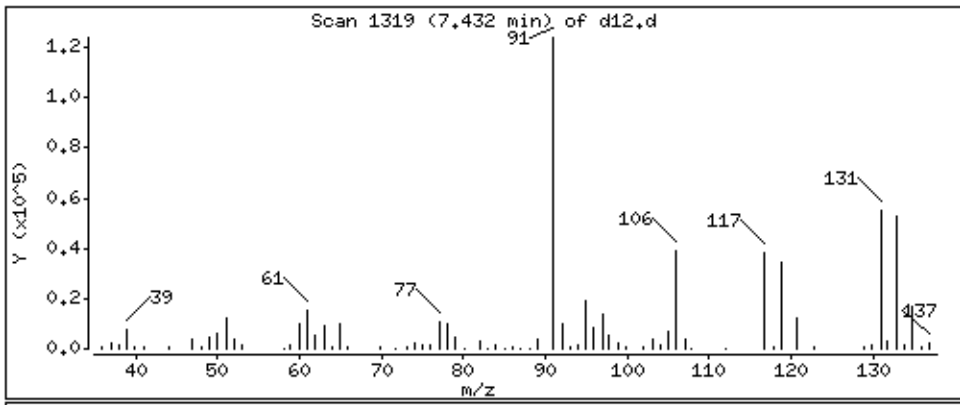
Column phase: DB-624

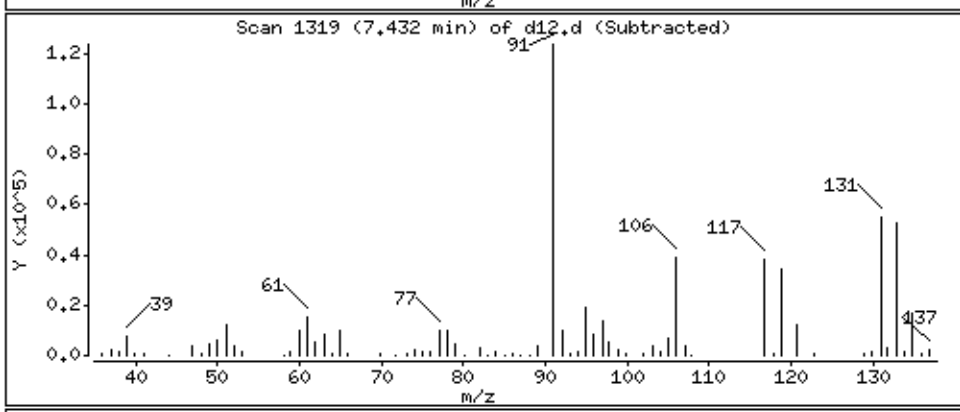
Column diameter: 0.18

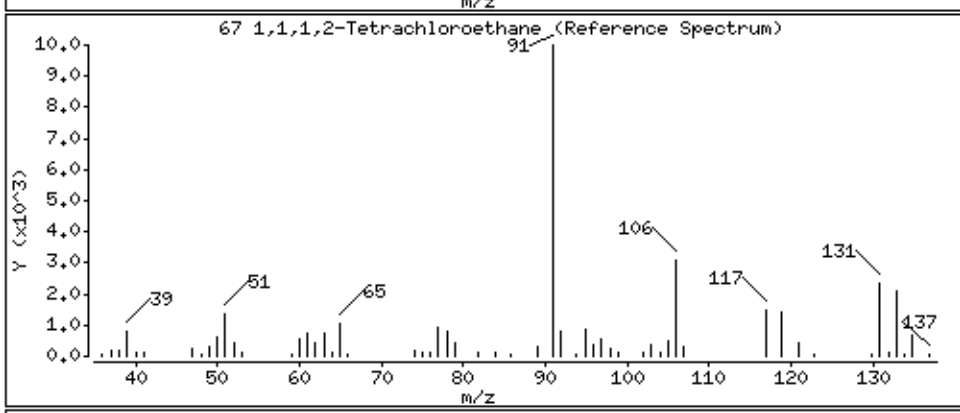
67 1,1,1,2-Tetrachloroethane

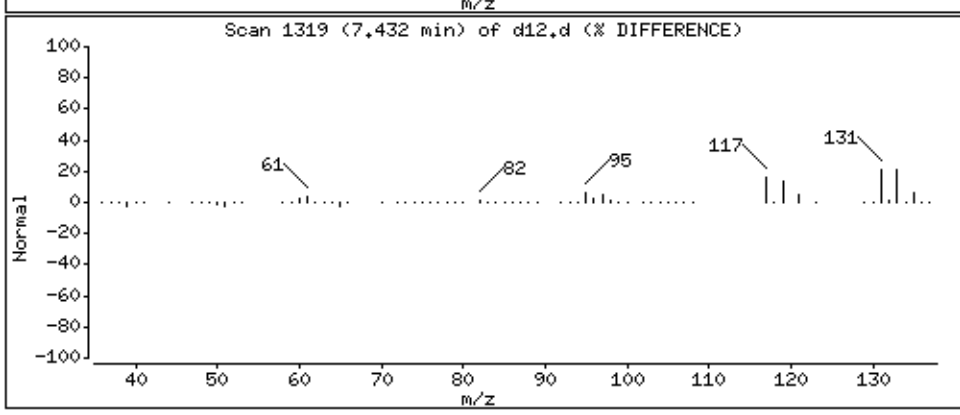
Concentration: 40.7 ppb

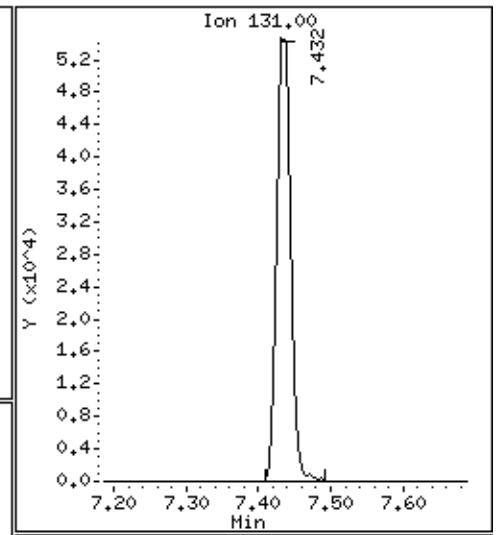
Review Code:

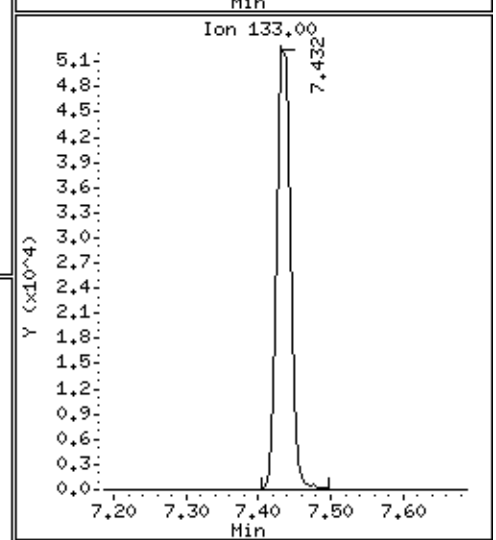


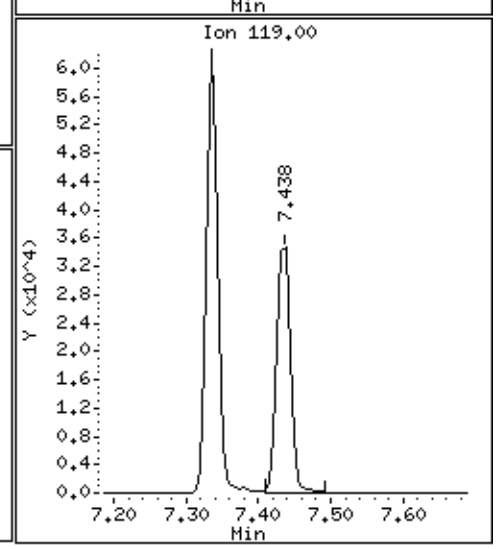












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

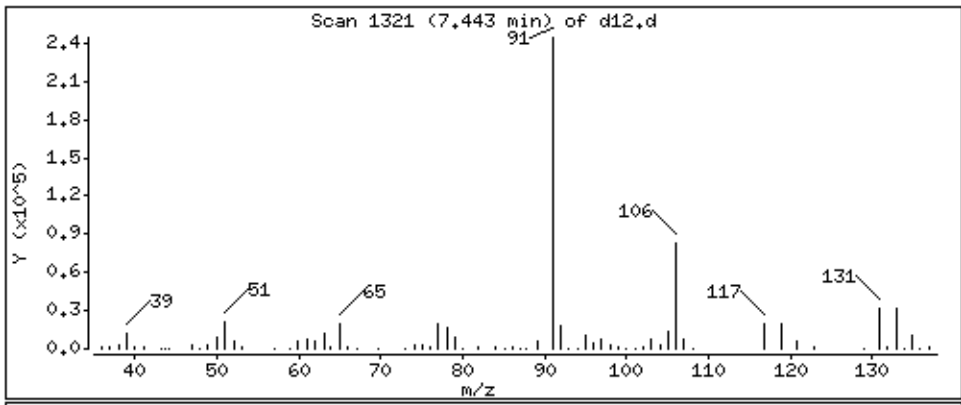
Column phase: DB-624

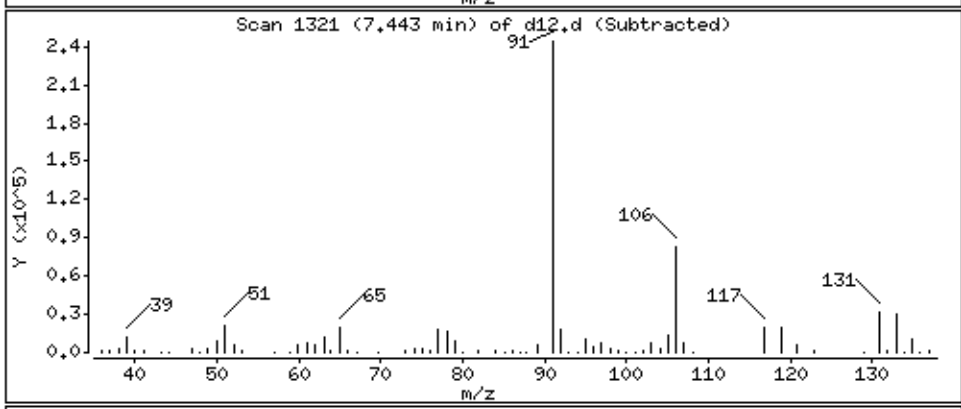
Column diameter: 0.18

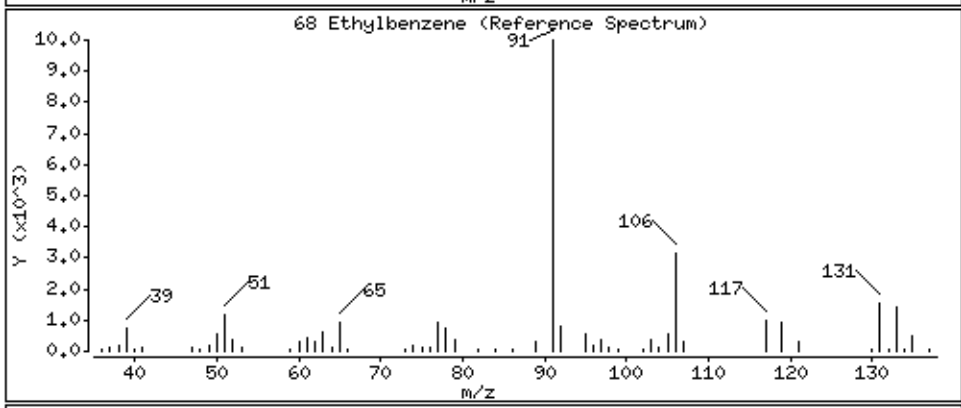
68 Ethylbenzene

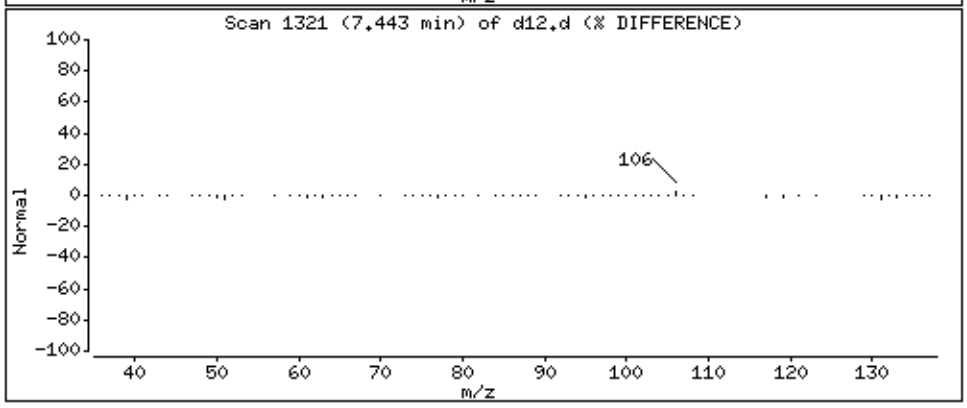
Concentration: 28.7 ppb

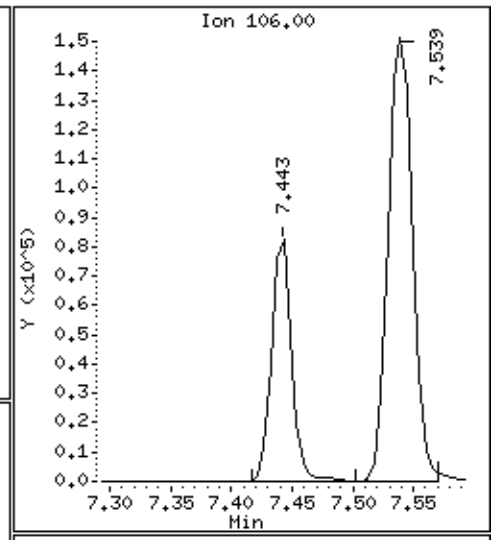
Review Code:

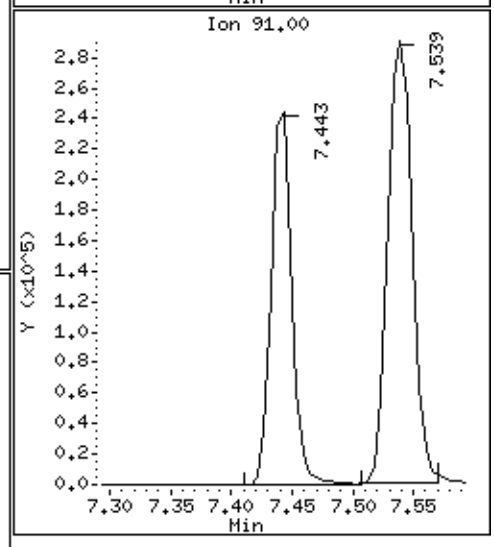












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

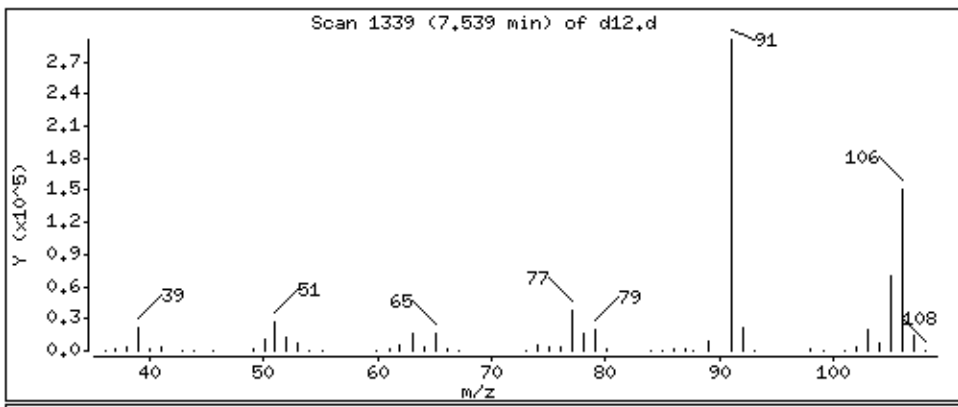
Column phase: DB-624

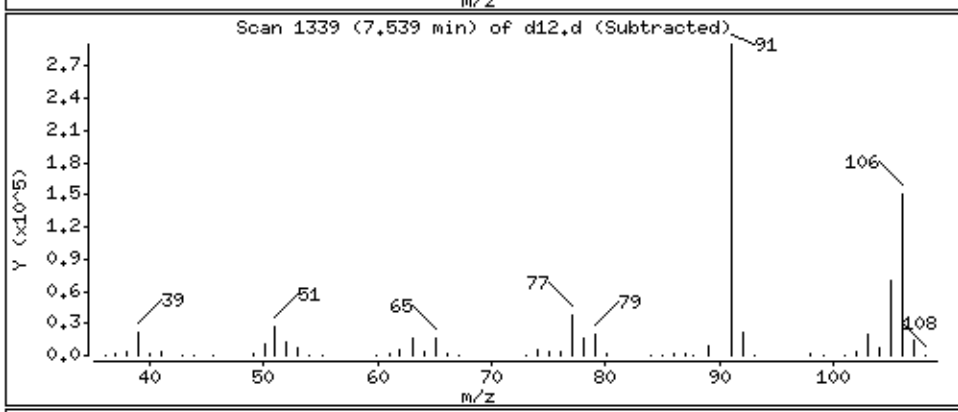
Column diameter: 0.18

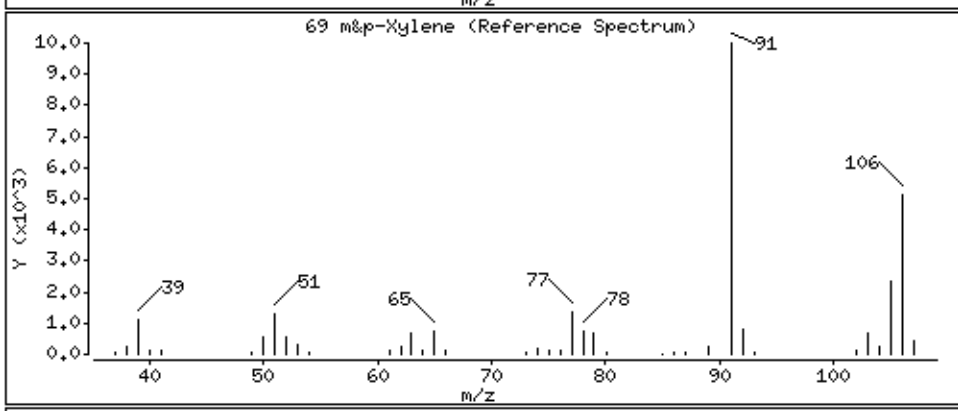
69 m&p-Xylene

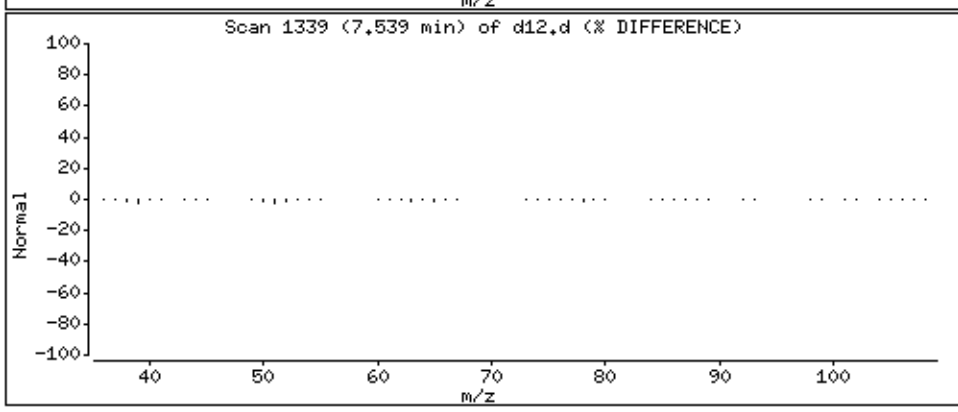
Concentration: 54.9 ppb

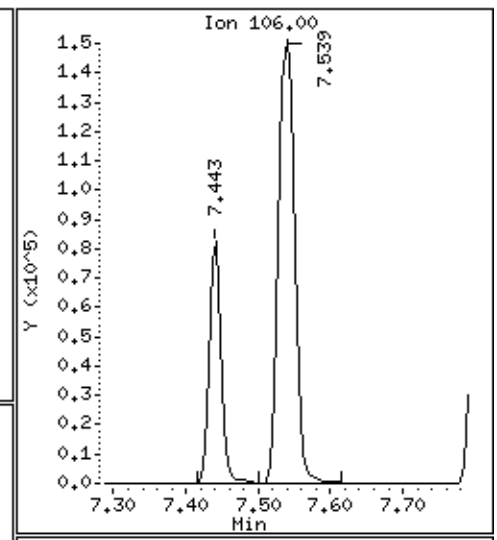
Review Code:

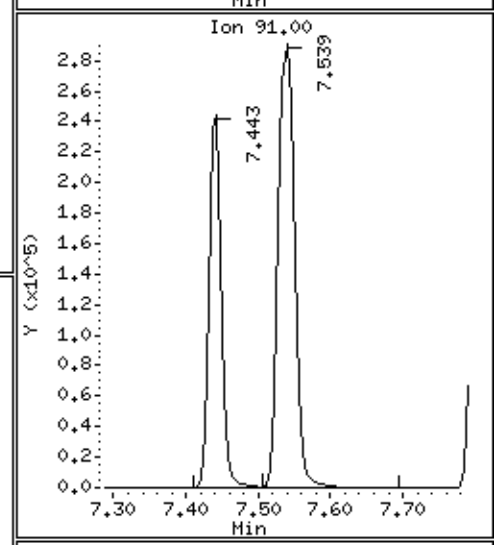


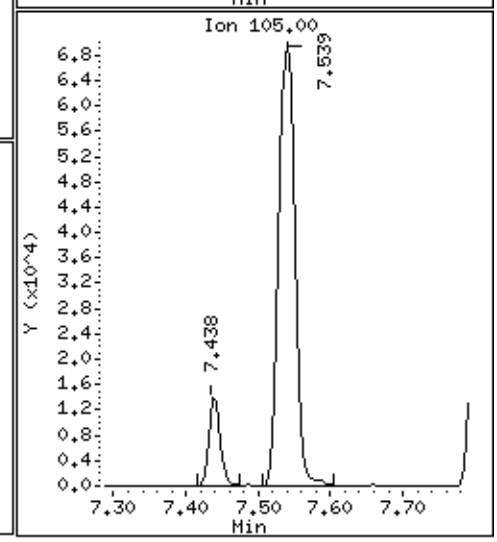












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

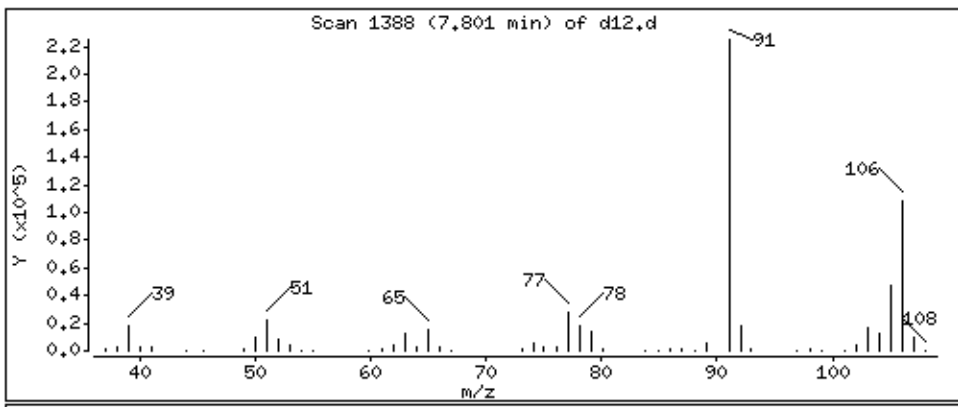
Column phase: DB-624

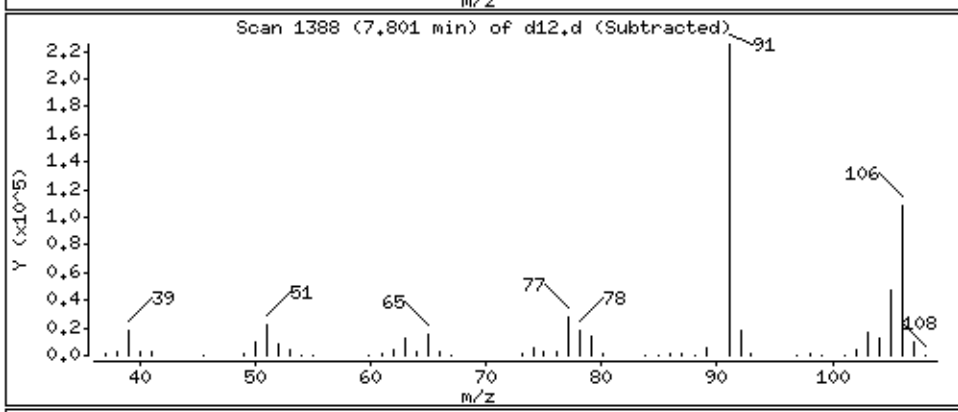
Column diameter: 0.18

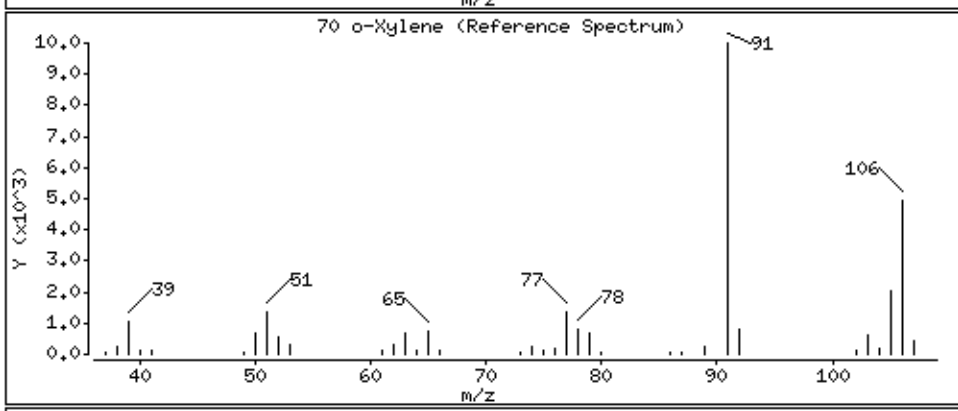
70 o-Xylene

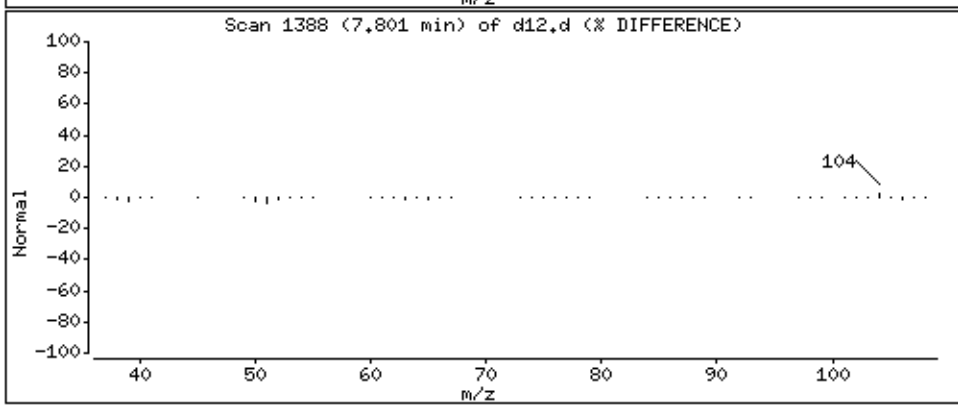
Concentration: 29.5 ppb

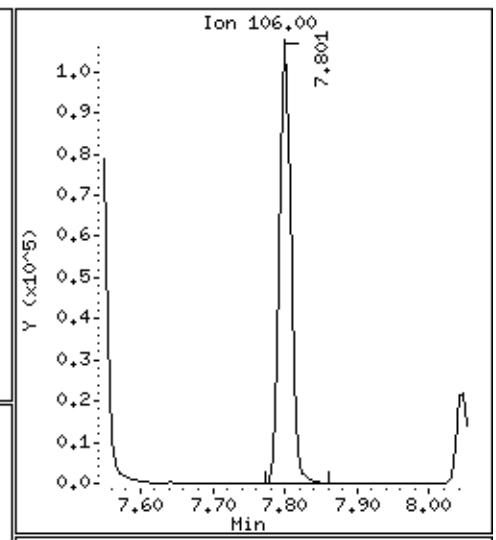
Review Code:

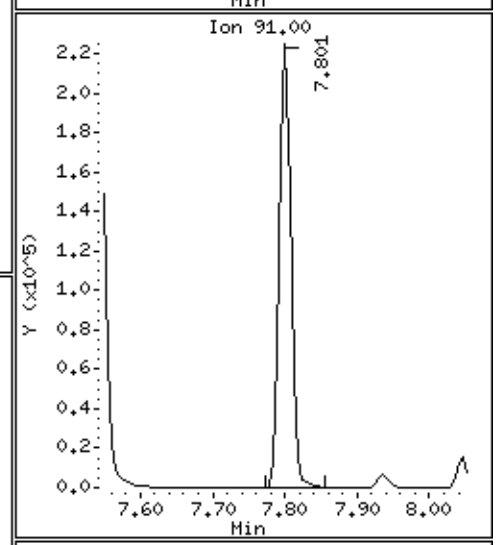


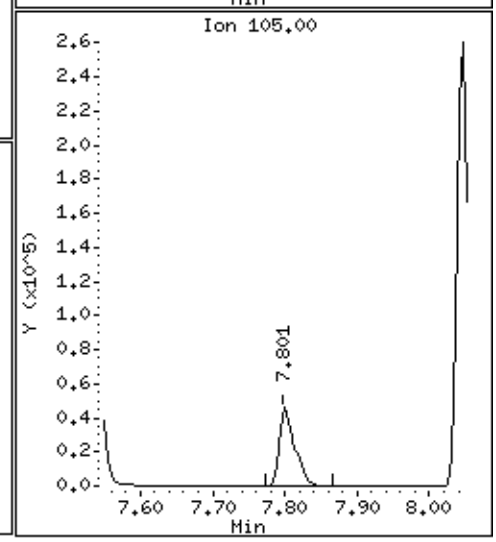












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

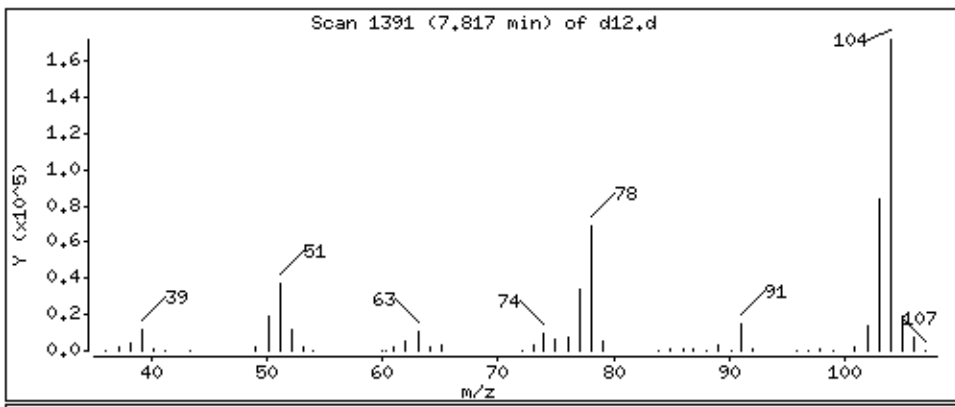
Column phase: DB-624

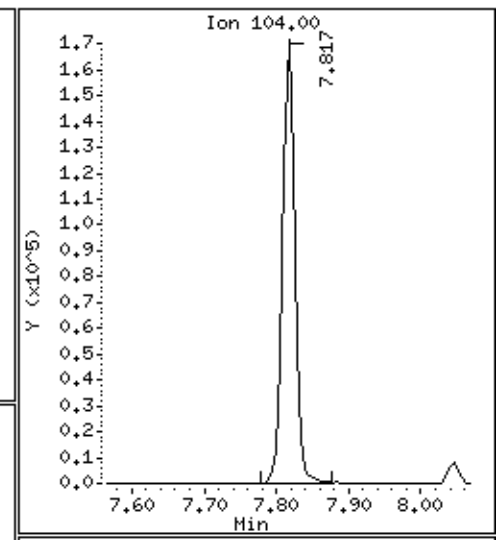
Column diameter: 0.18

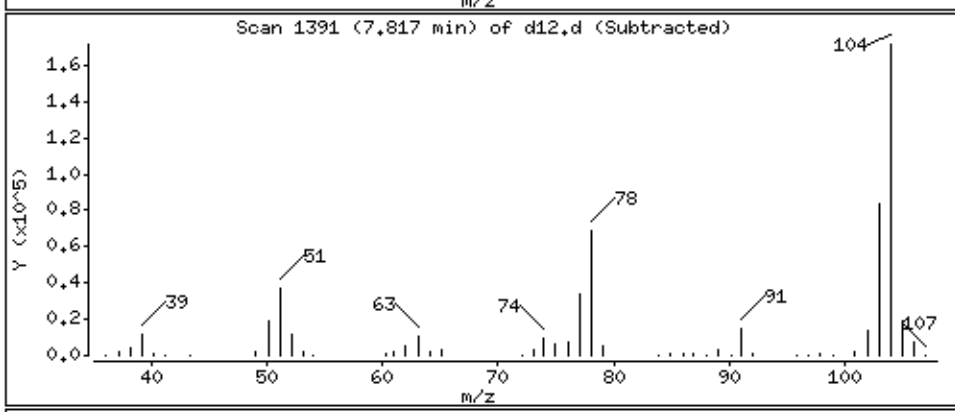
71 Styrene

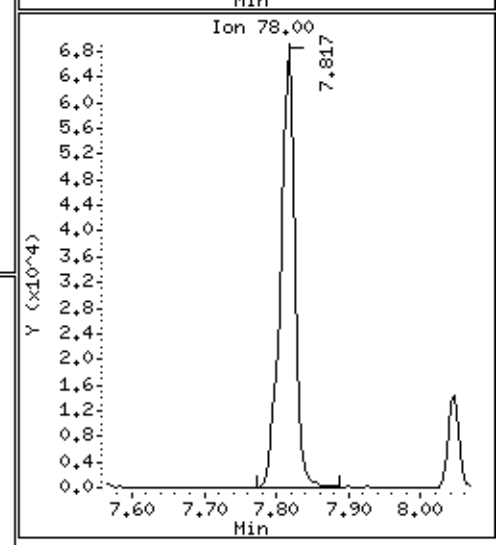
Concentration: 29.7 ppb

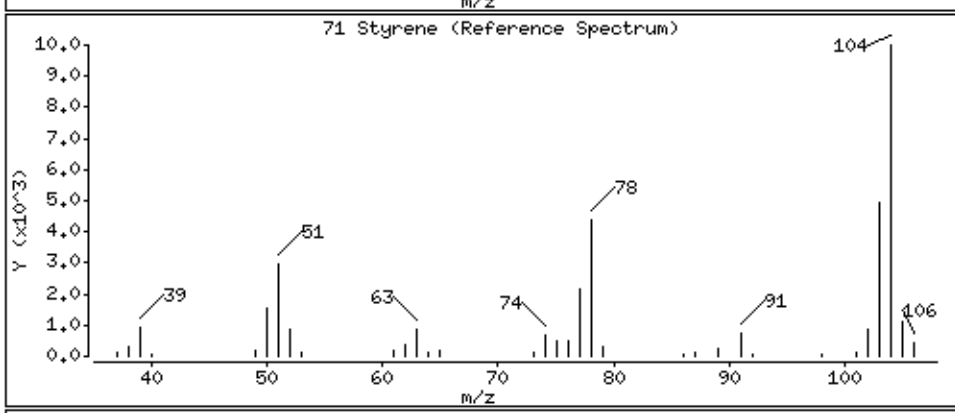
Review Code:

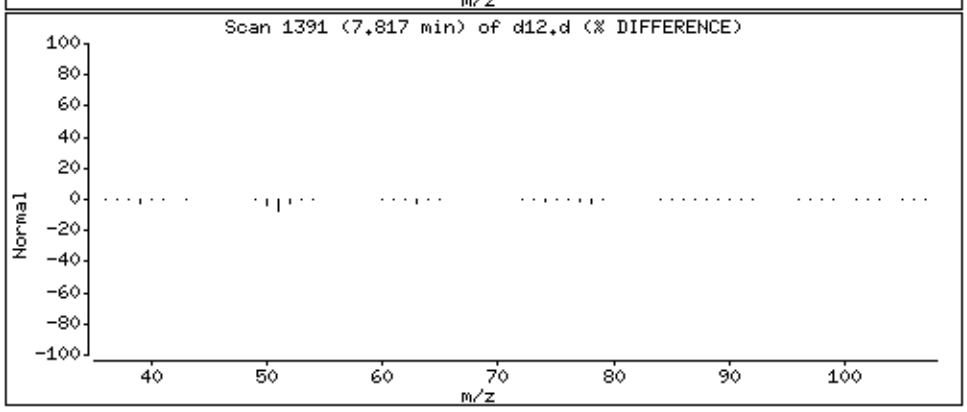












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

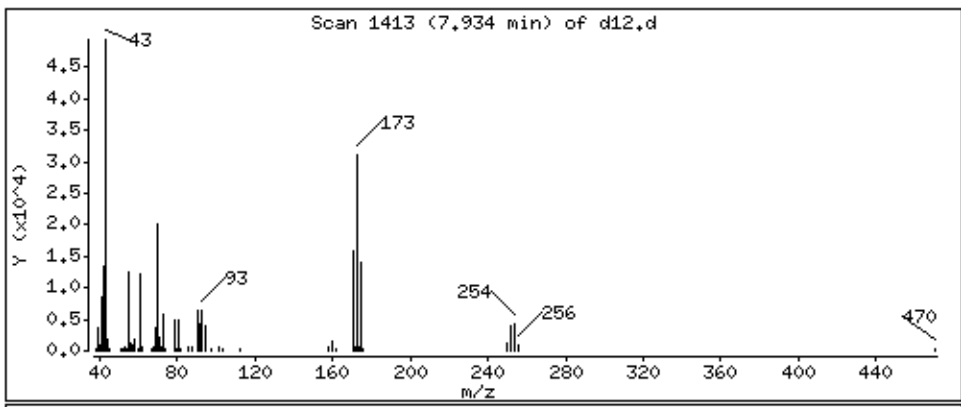
Column phase: DB-624

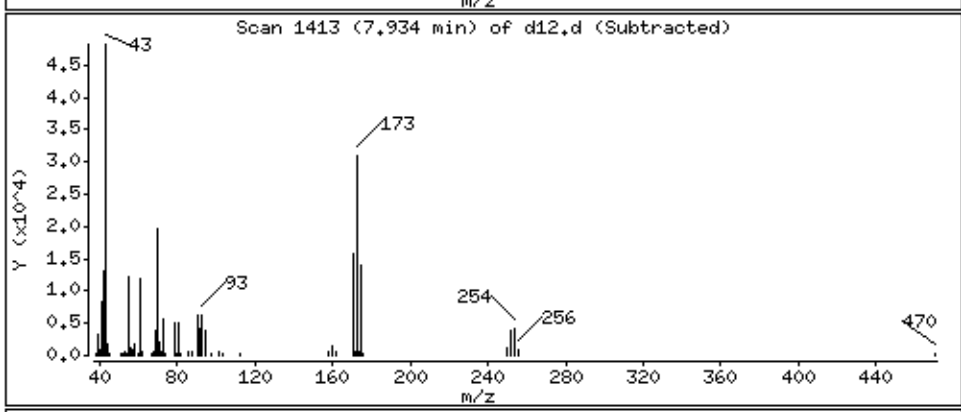
Column diameter: 0.18

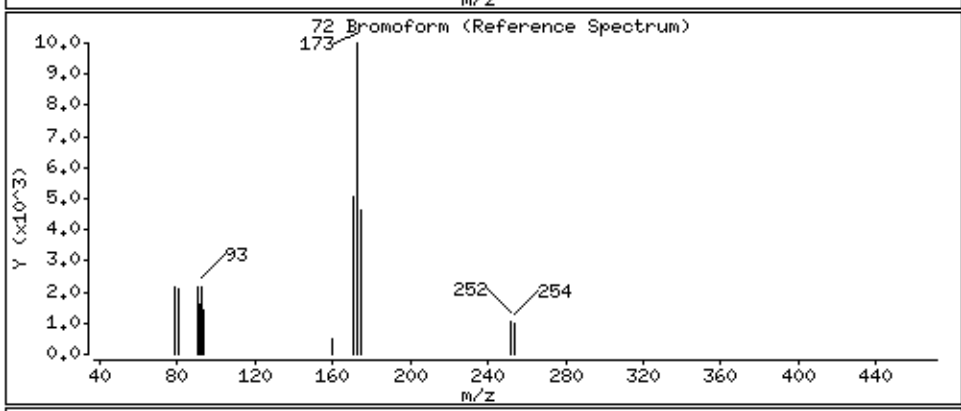
72 Bromoform

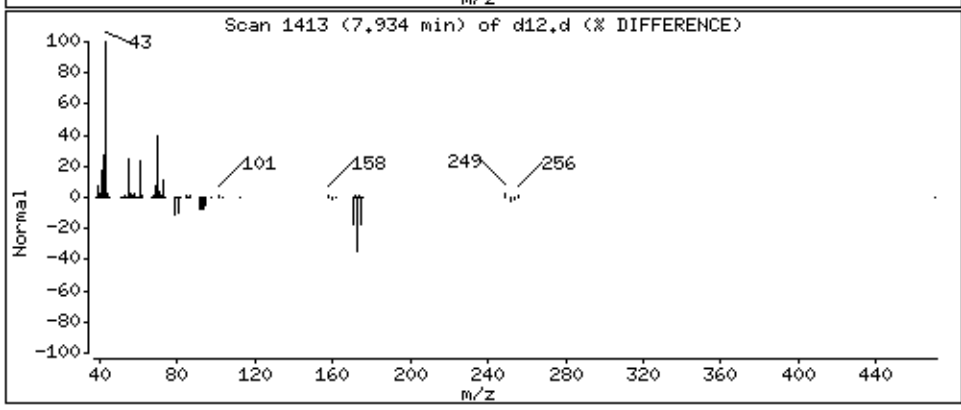
Concentration: 45.7 ppb

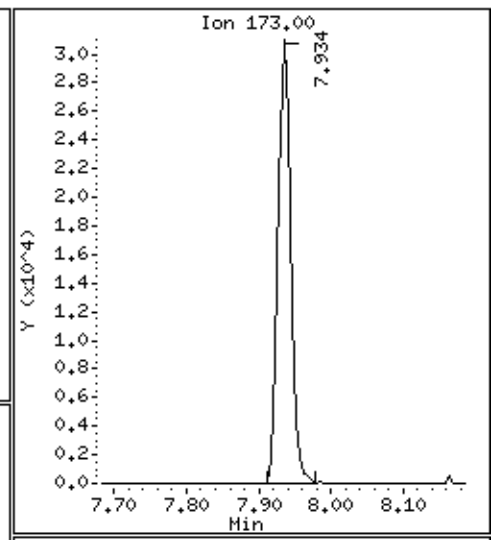
Review Code:

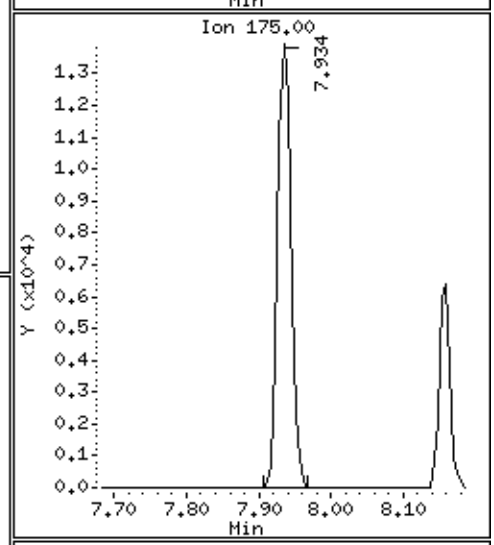


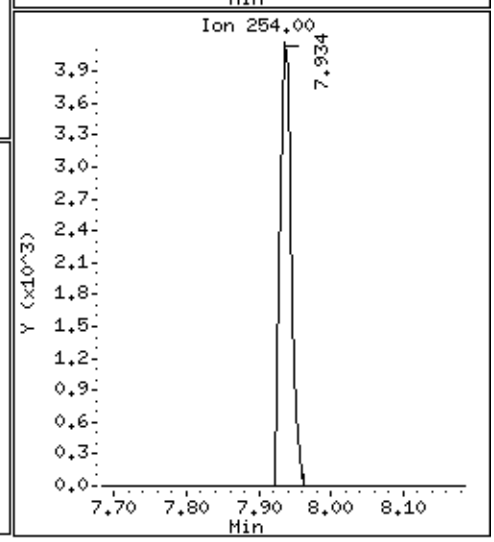












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

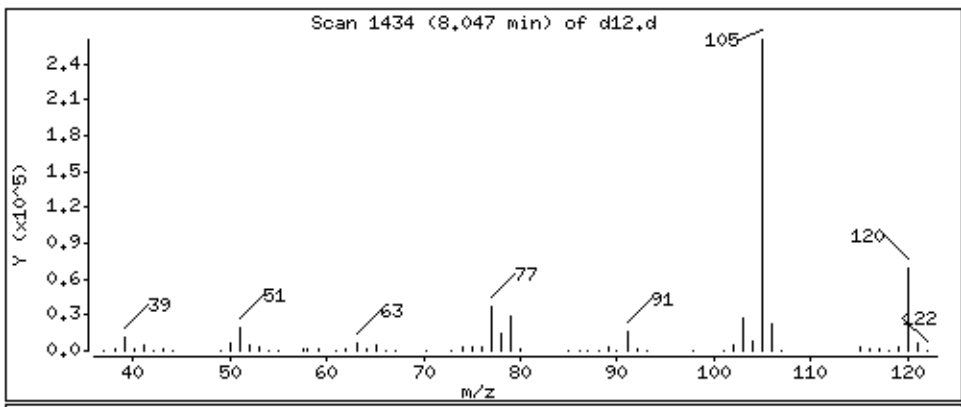
Column phase: DB-624

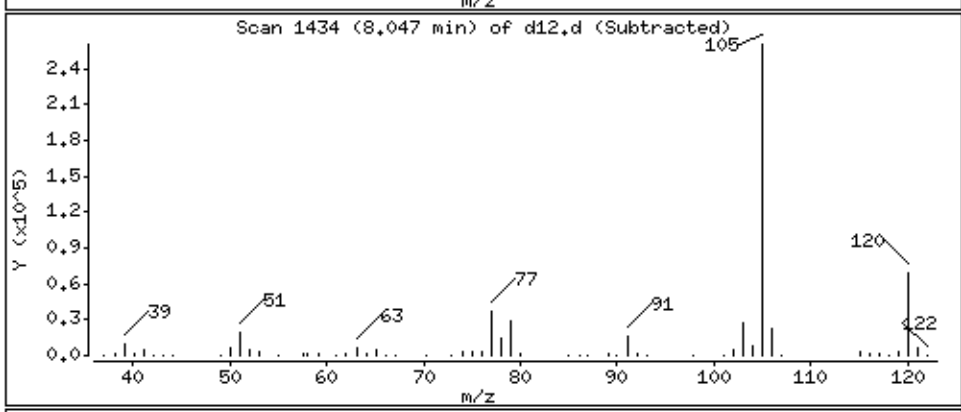
Column diameter: 0.18

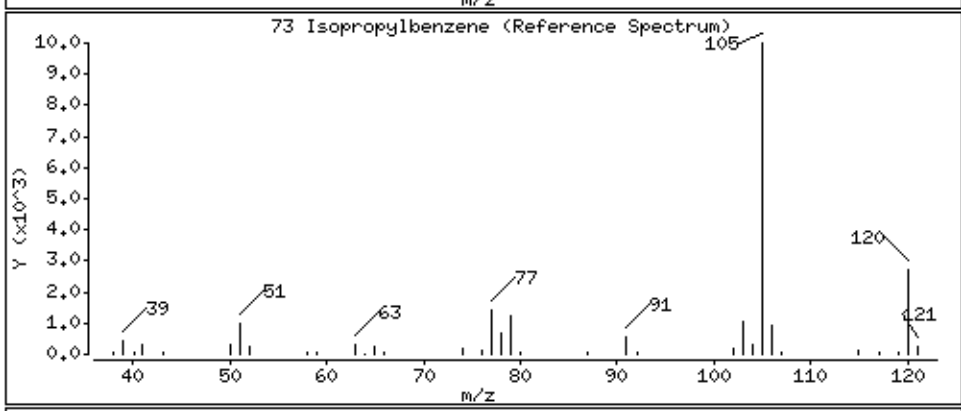
73 Isopropylbenzene

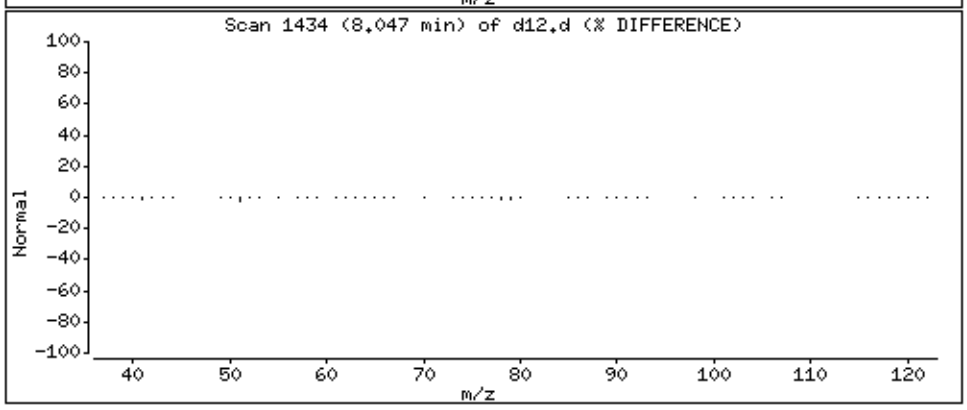
Concentration: 26.1 ppb

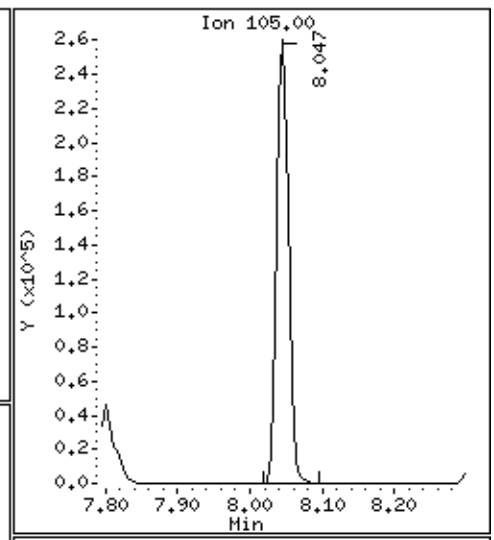
Review Code:

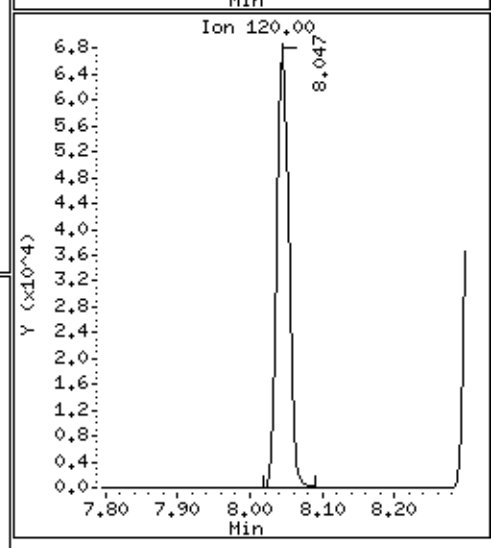












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

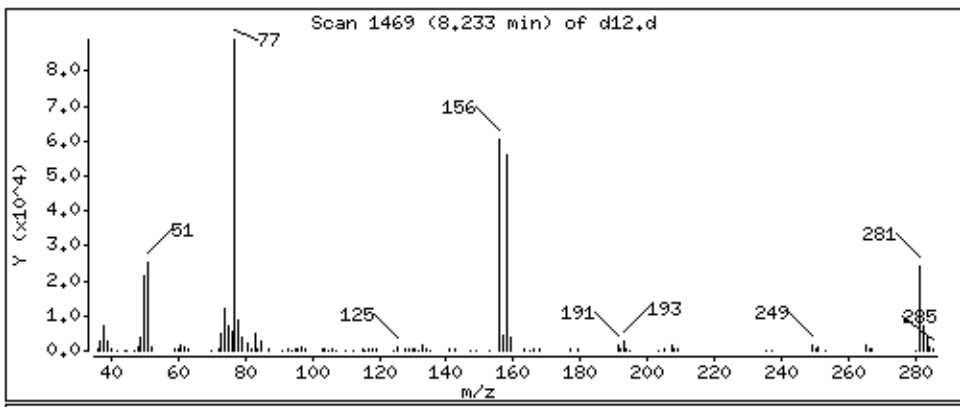
Column phase: DB-624

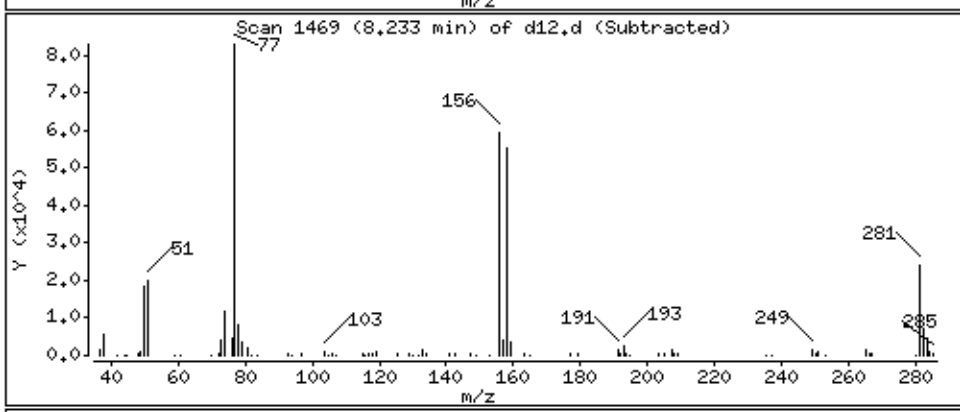
Column diameter: 0.18

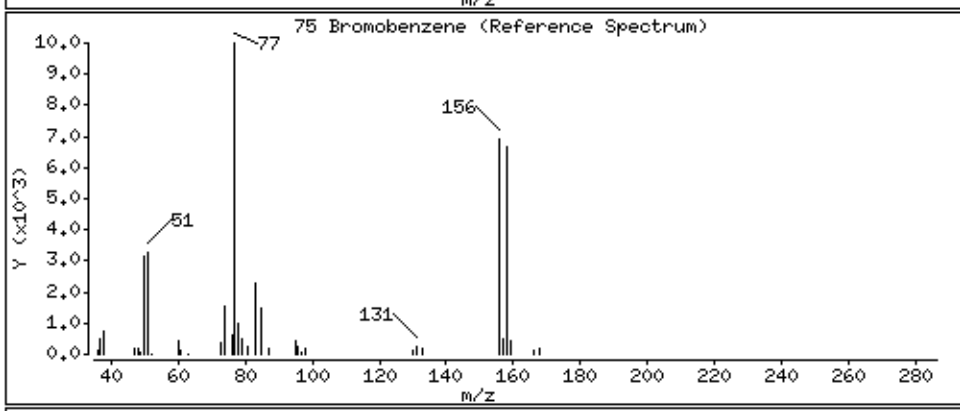
75 Bromobenzene

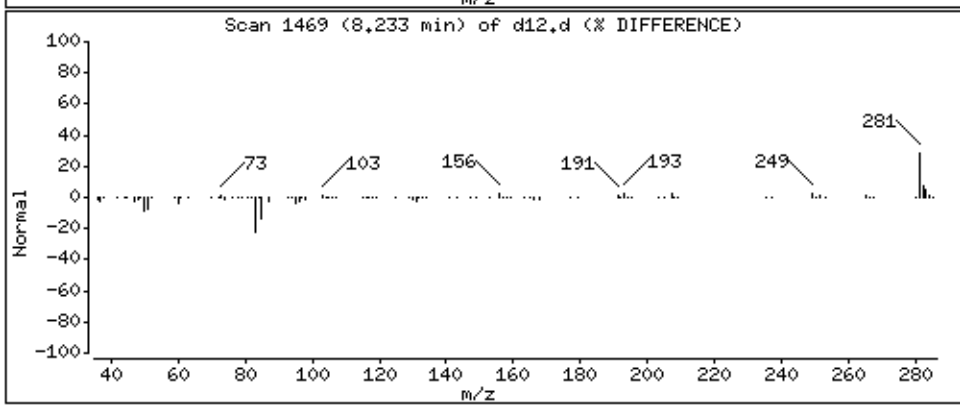
Concentration: 31.8 ppb

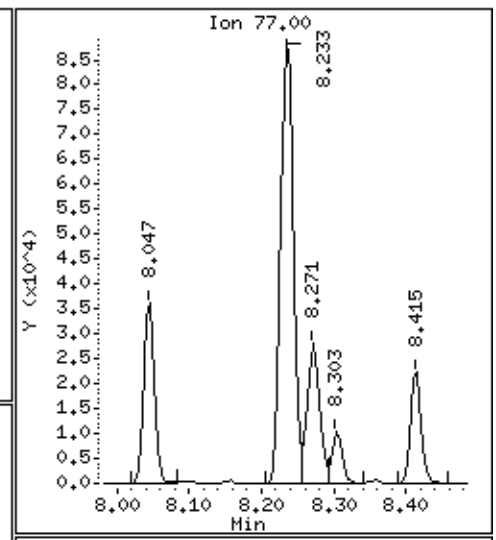
Review Code:

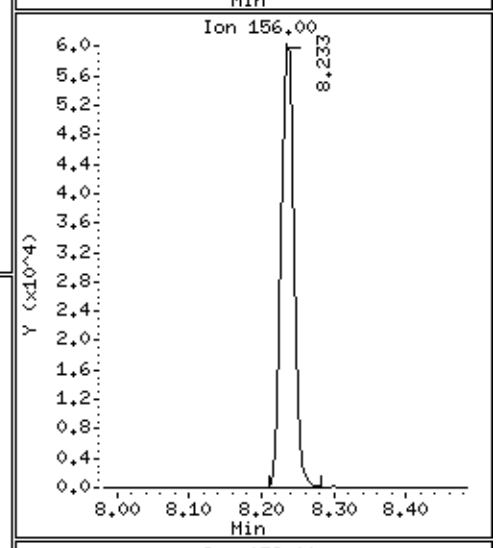


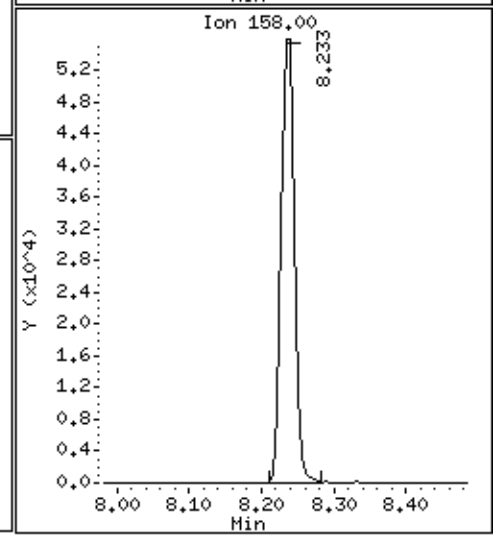












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

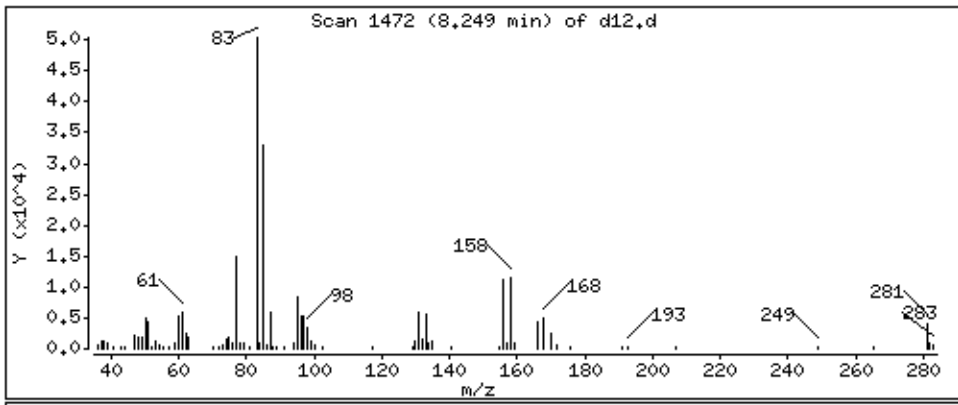
Column phase: DB-624

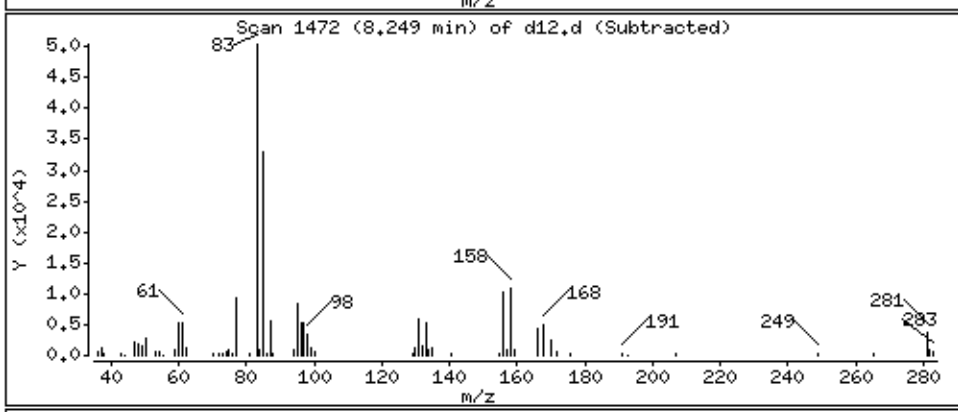
Column diameter: 0.18

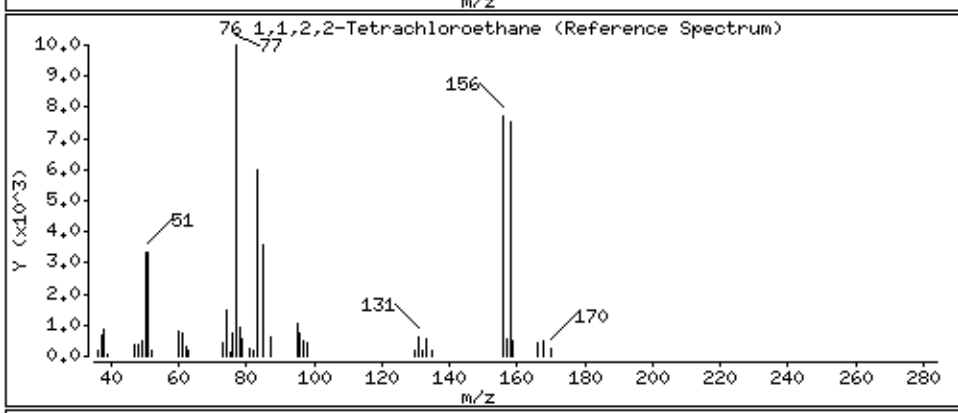
76 1,1,2,2-Tetrachloroethane

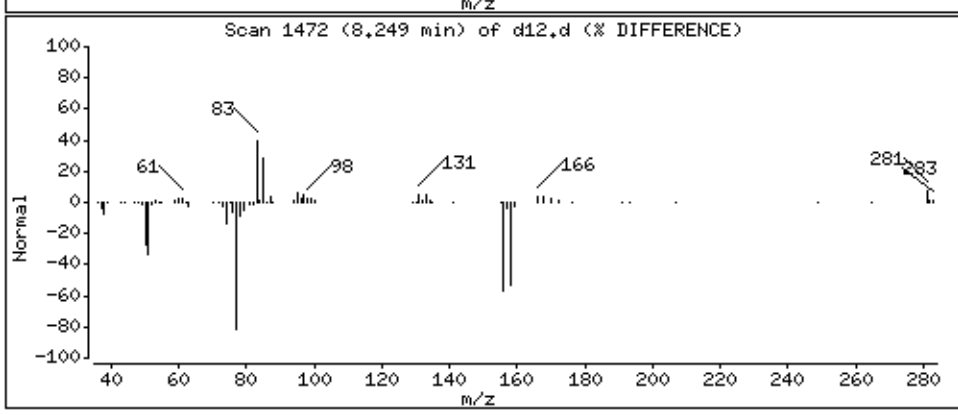
Concentration: 45.6 ppb

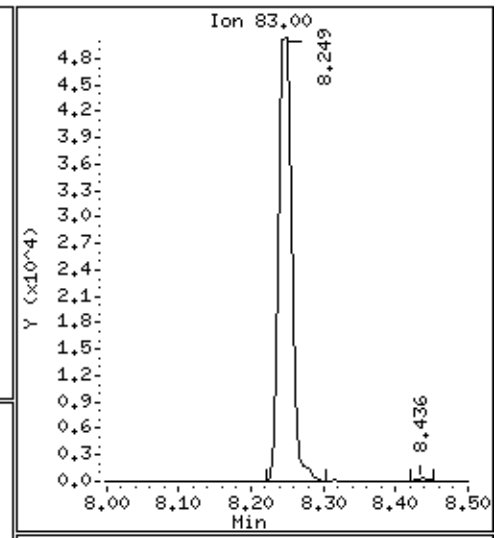
Review Code:

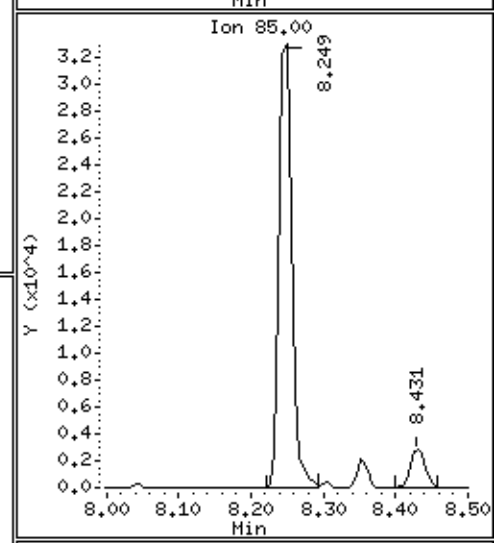


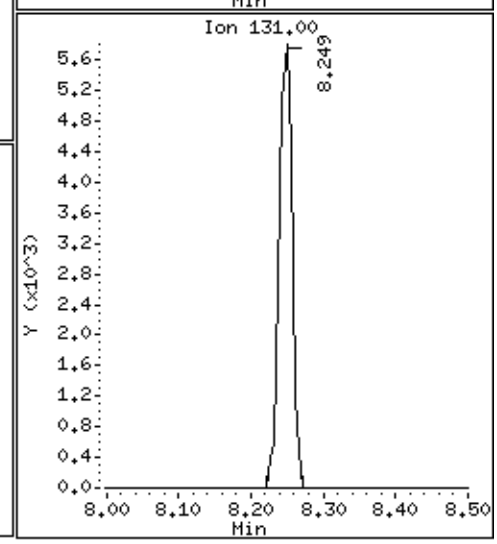












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

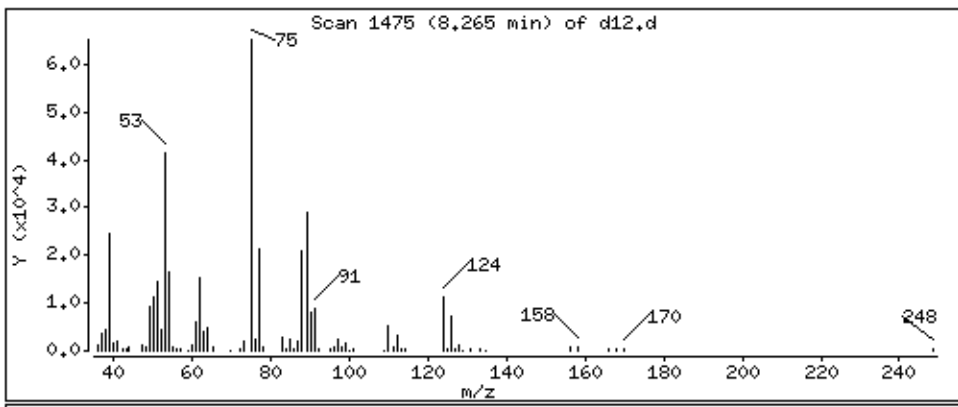
Column phase: DB-624

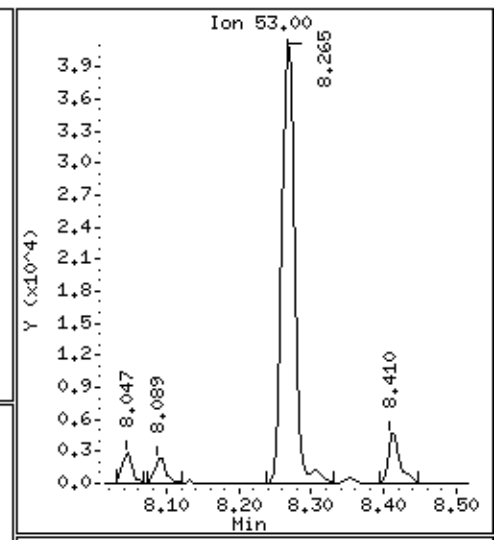
Column diameter: 0.18

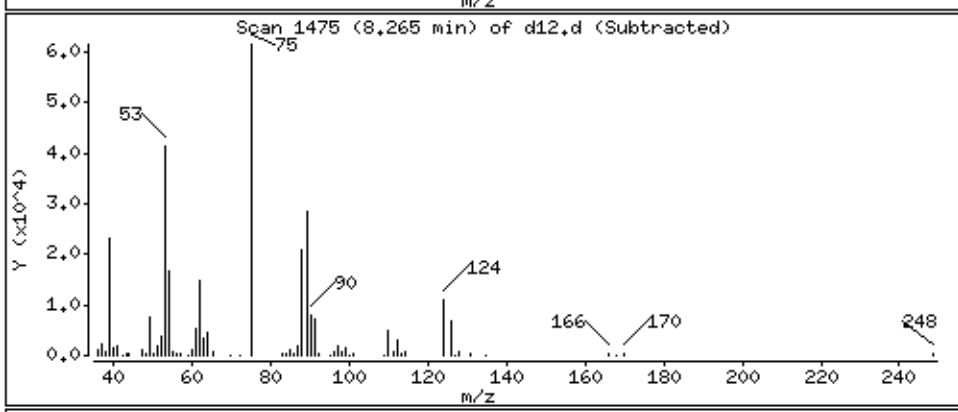
77 trans-1,4-Dichloro-2-butene

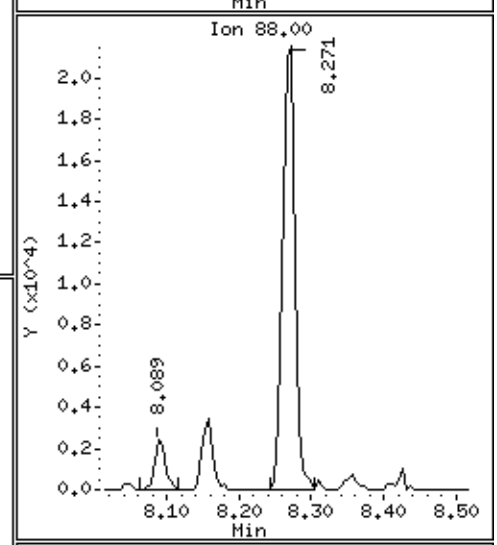
Concentration: 153 ppb

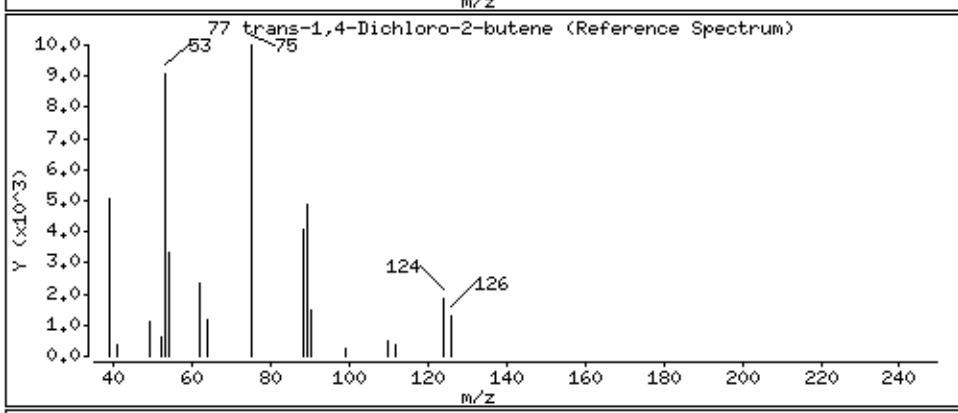
Review Code:

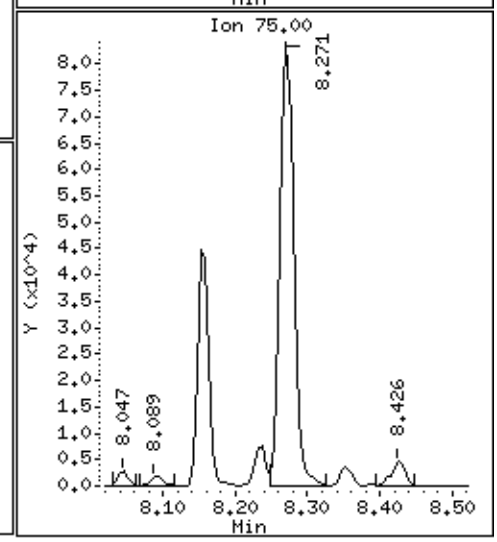


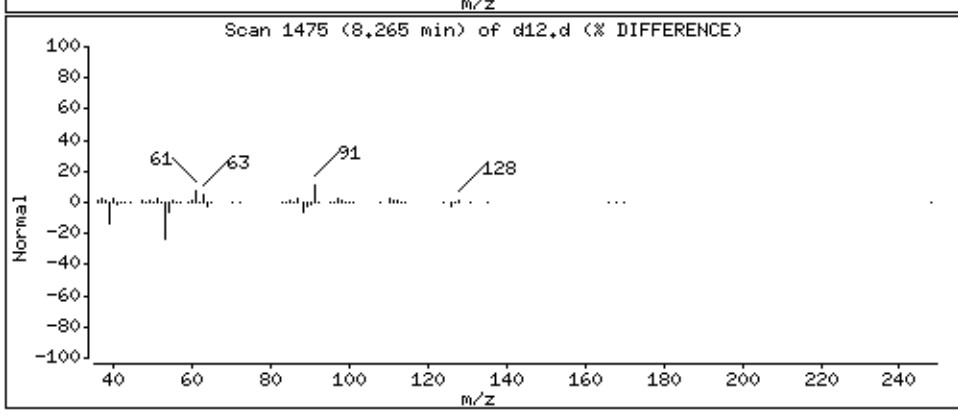












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

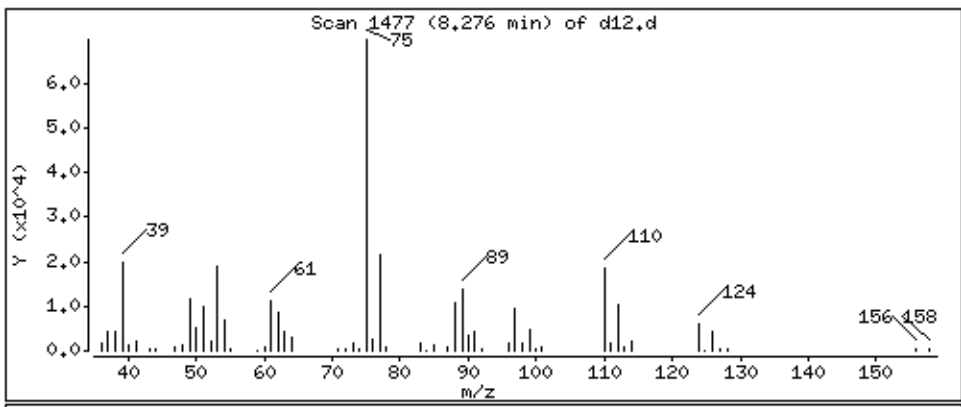
Column phase: DB-624

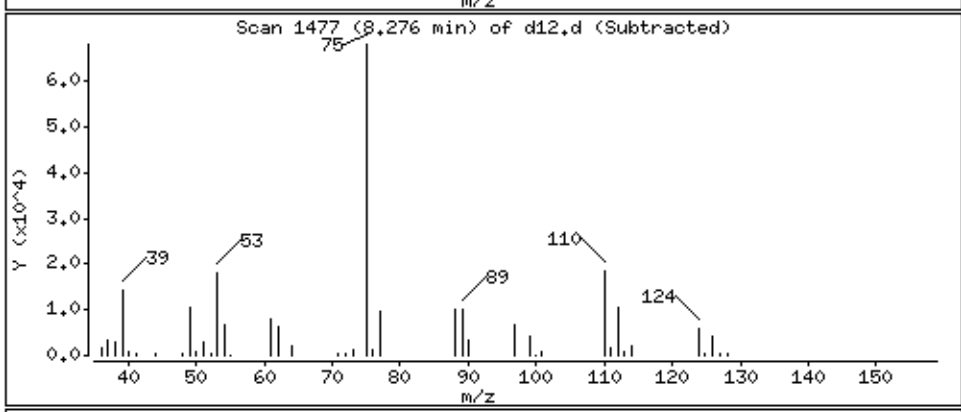
Column diameter: 0.18

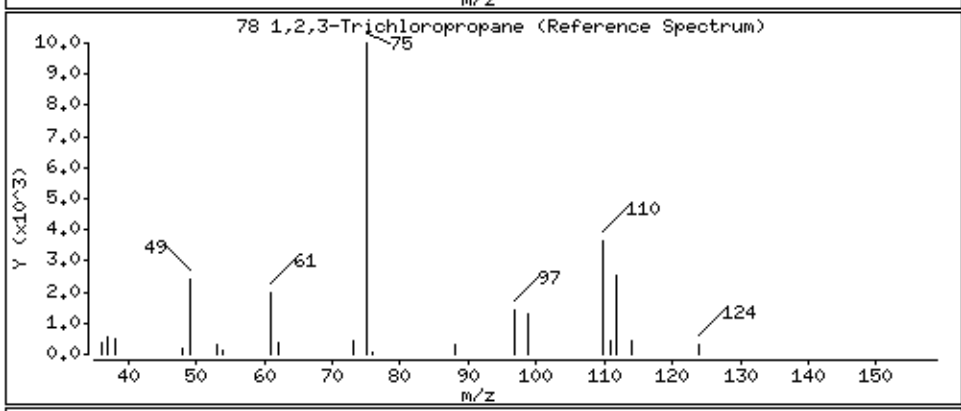
78 1,2,3-Trichloropropane

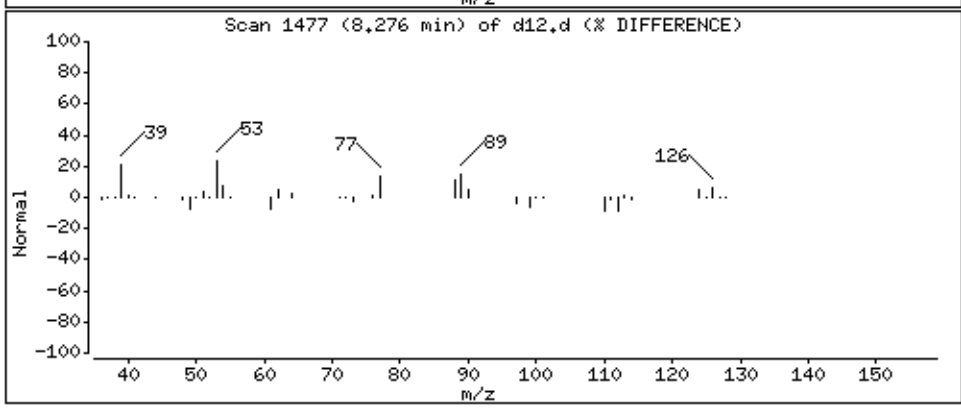
Concentration: 50.2 ppb

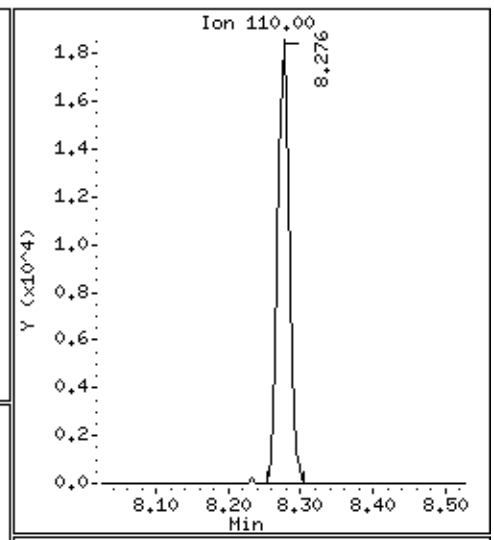
Review Code:

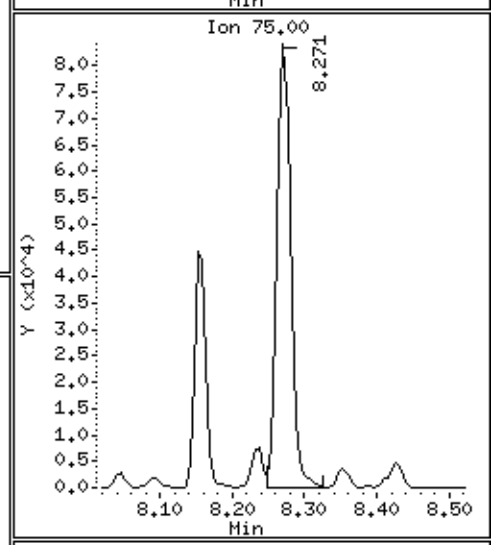


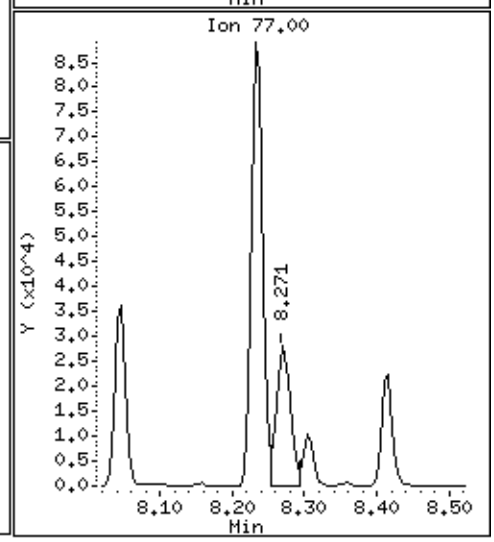












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

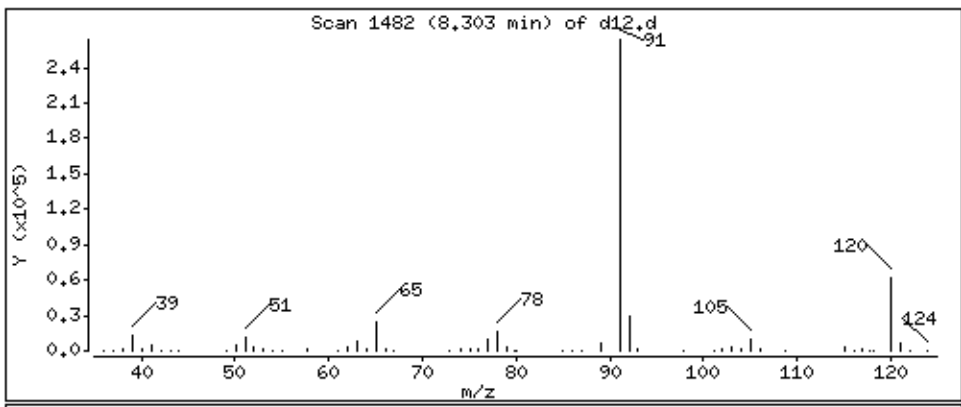
Column phase: DB-624

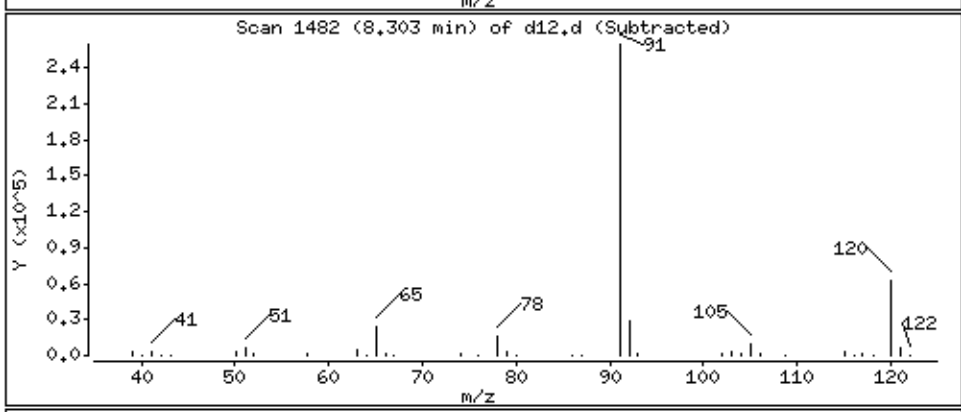
Column diameter: 0.18

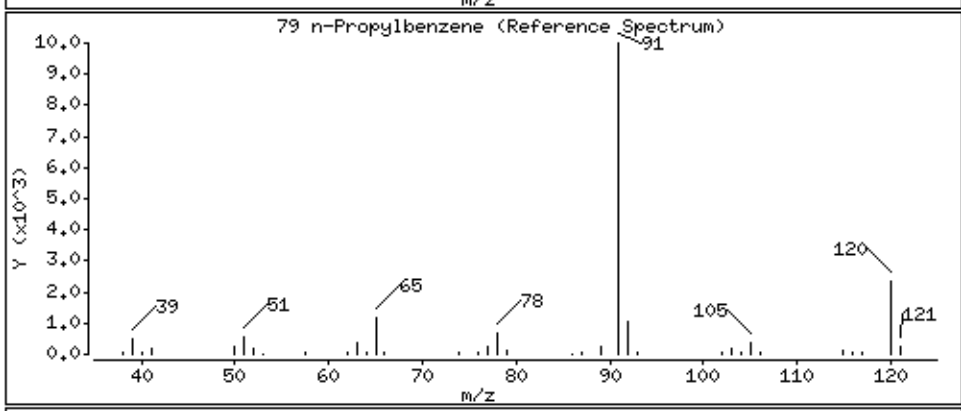
79 n-Propylbenzene

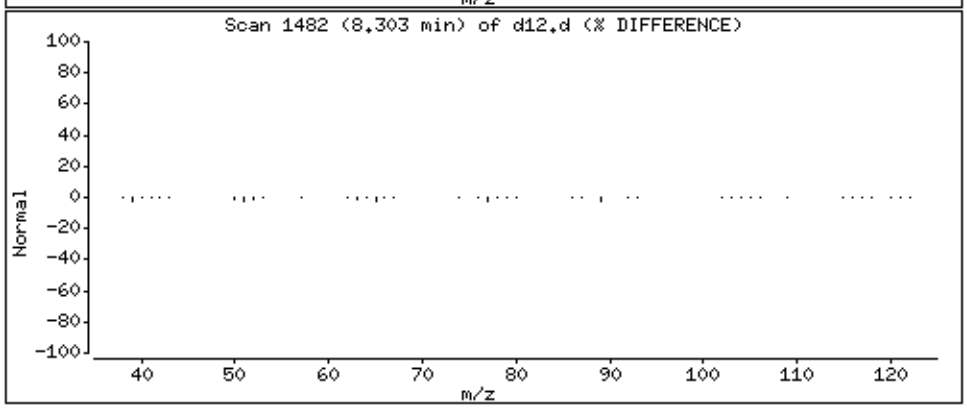
Concentration: 21.2 ppb

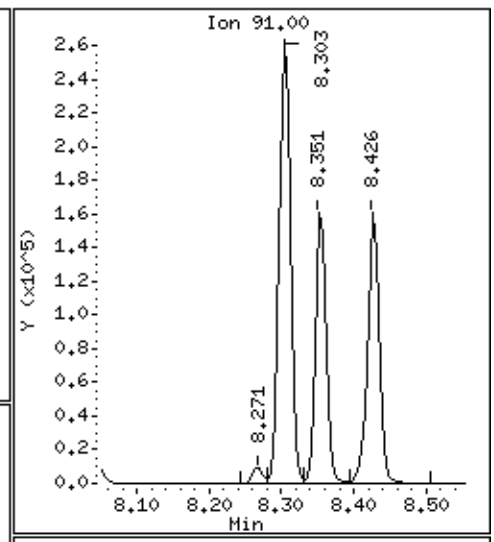
Review Code:

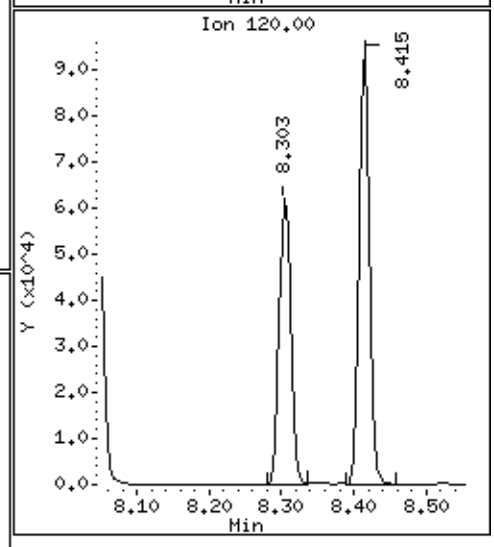












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

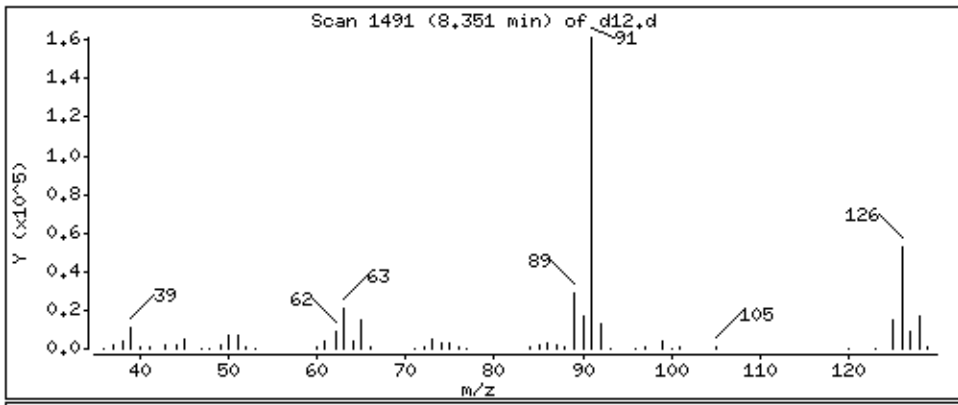
Column phase: DB-624

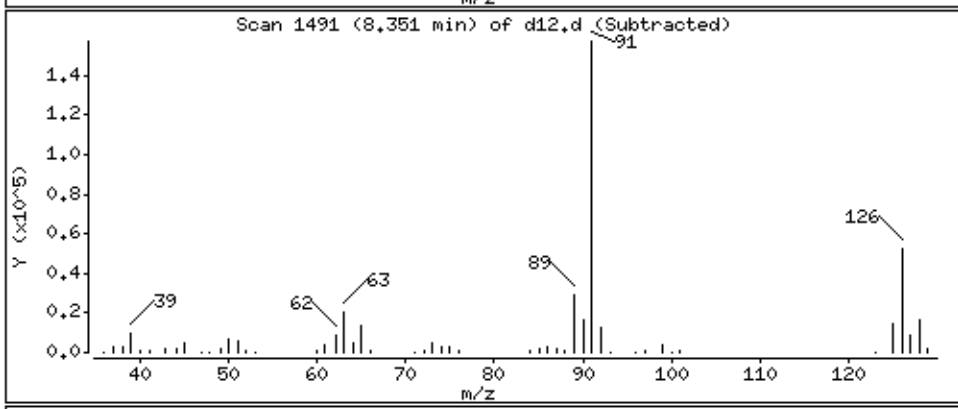
Column diameter: 0.18

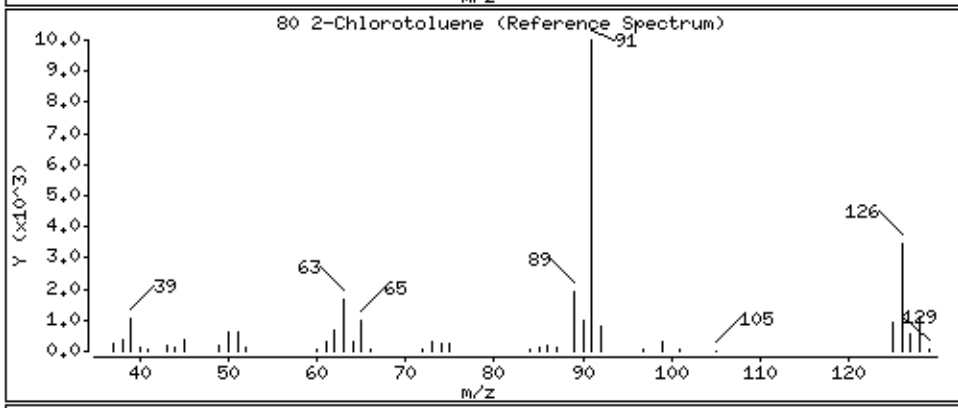
80 2-Chlorotoluene

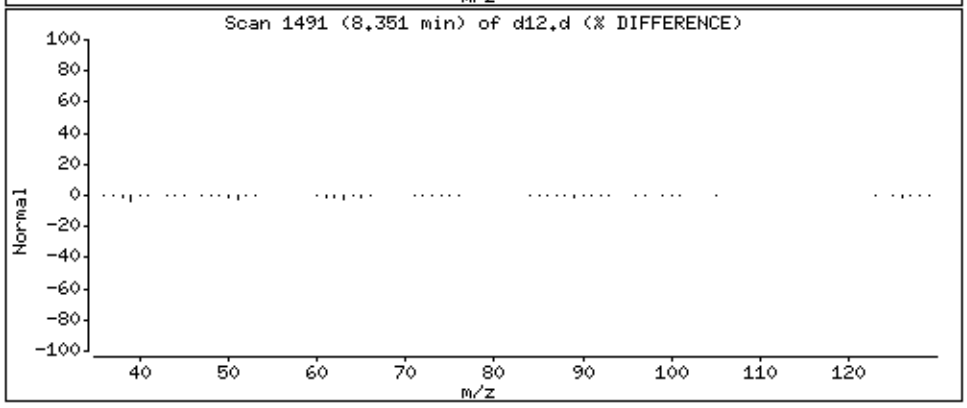
Concentration: 24.3 ppb

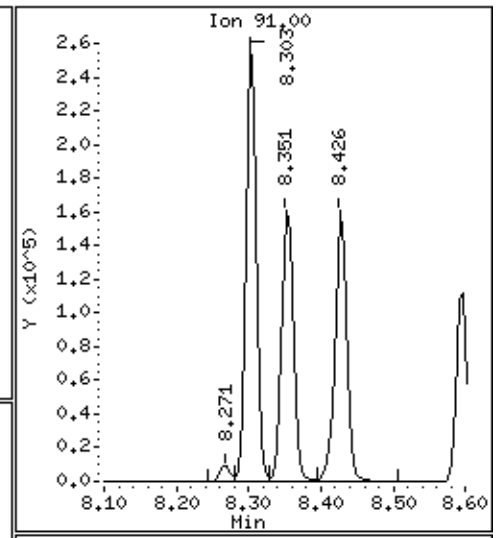
Review Code:

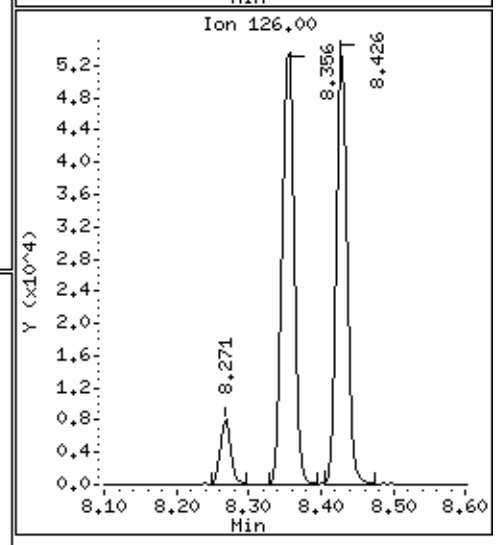












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

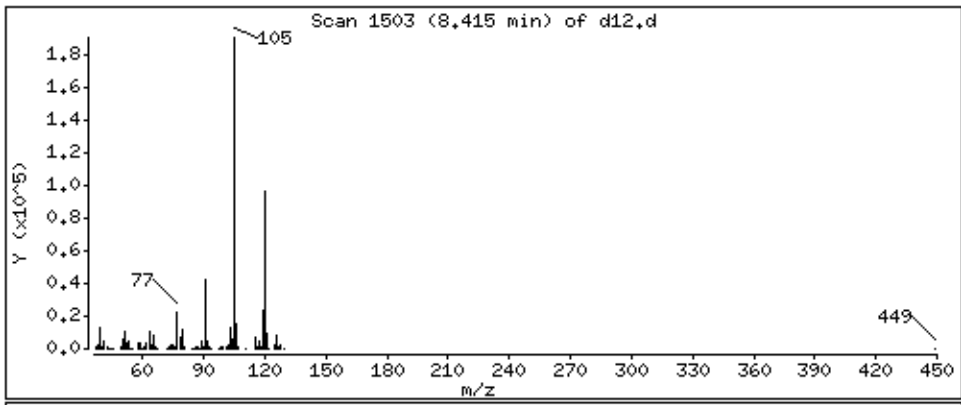
Column phase: DB-624

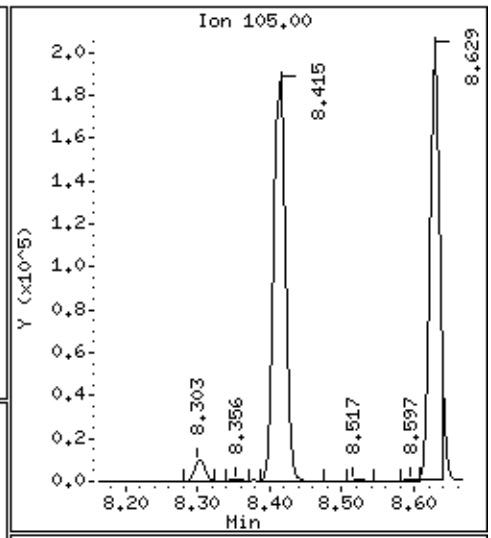
Column diameter: 0.18

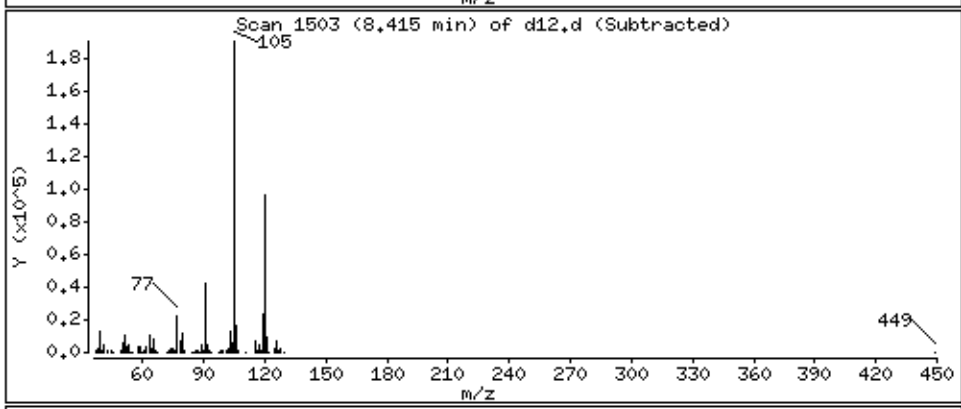
81 1,3,5-Trimethylbenzene

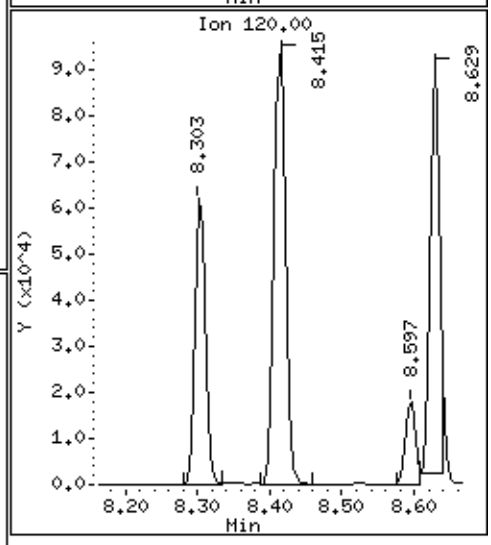
Concentration: 22.3 ppb

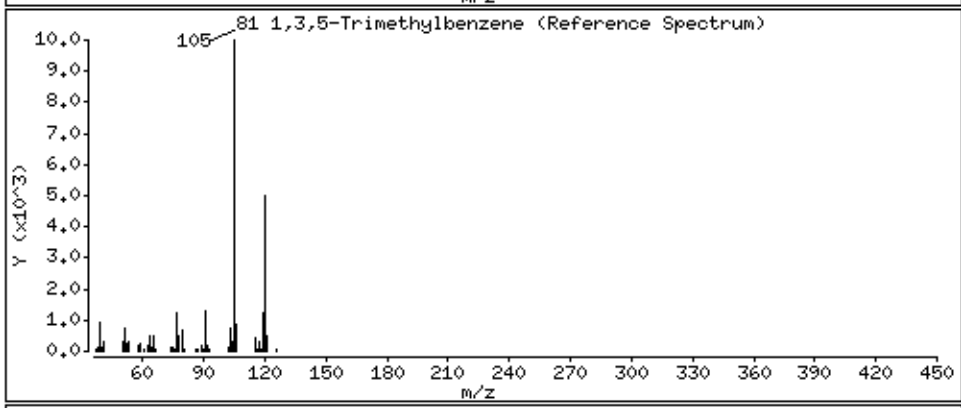
Review Code:

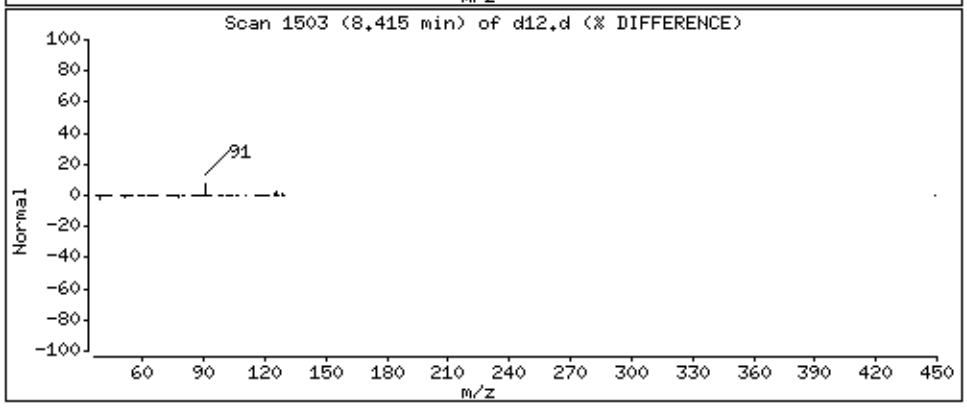












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

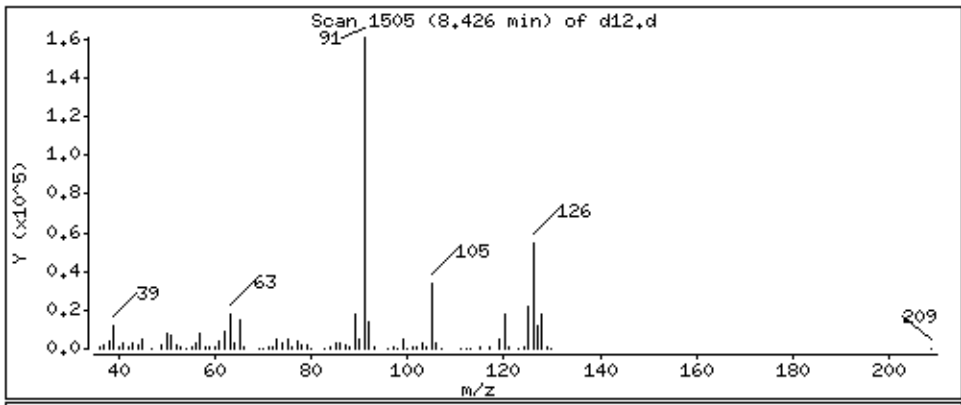
Column phase: DB-624

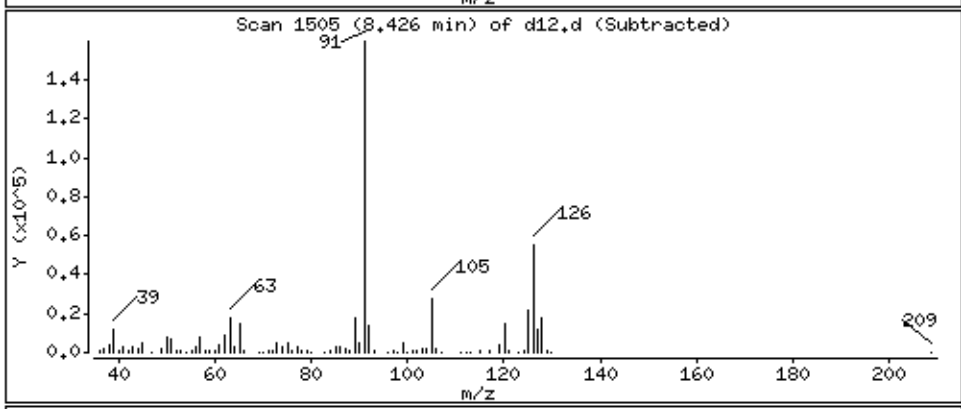
Column diameter: 0.18

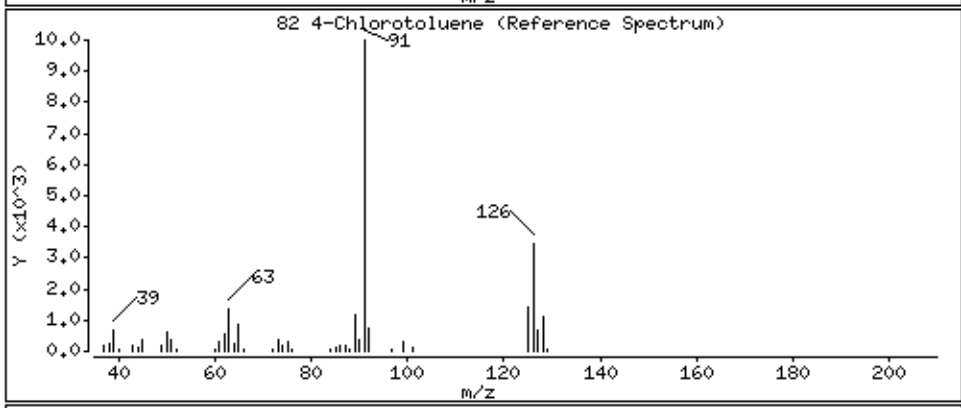
82 4-Chlorotoluene

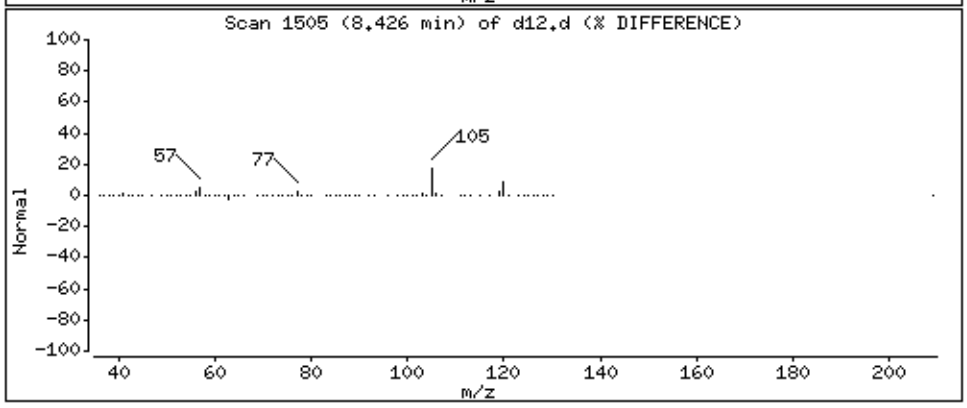
Concentration: 25.5 ppb

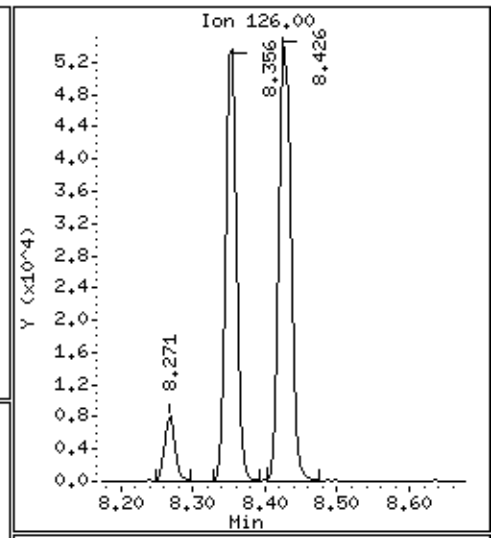
Review Code:

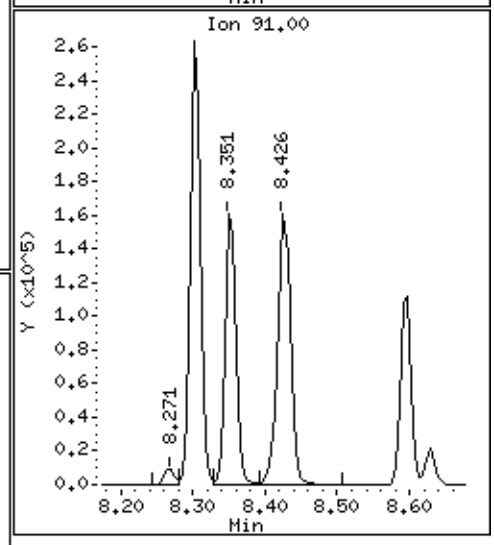












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

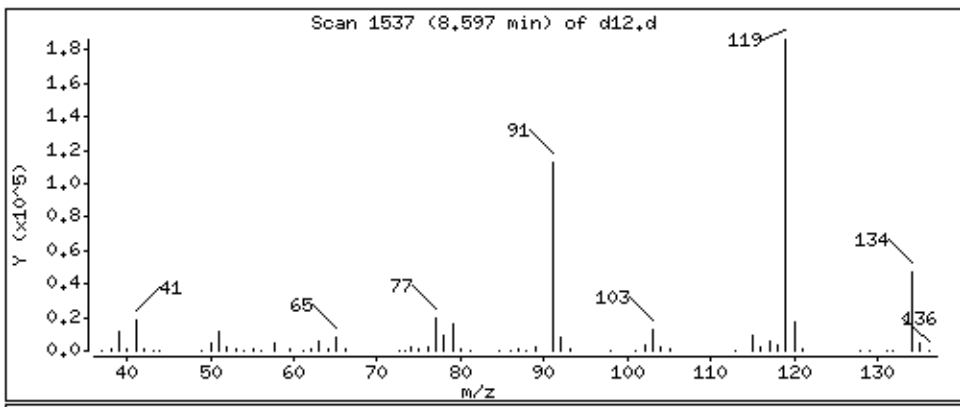
Column phase: DB-624

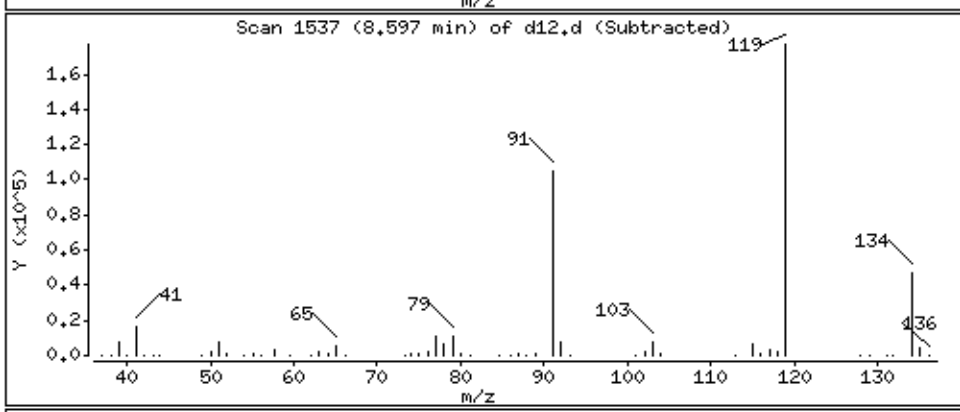
Column diameter: 0.18

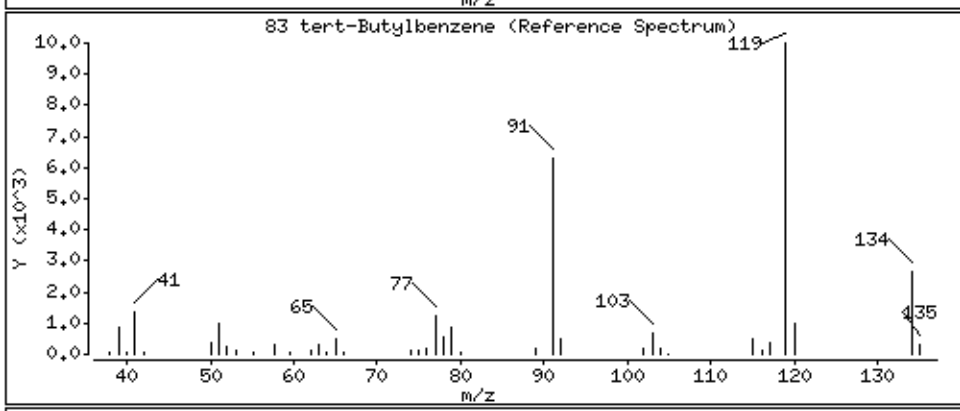
83 tert-Butylbenzene

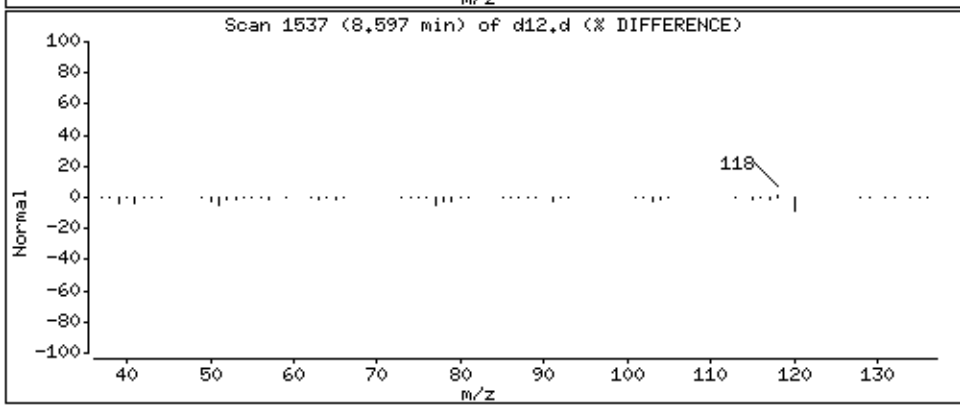
Concentration: 18.6 ppb

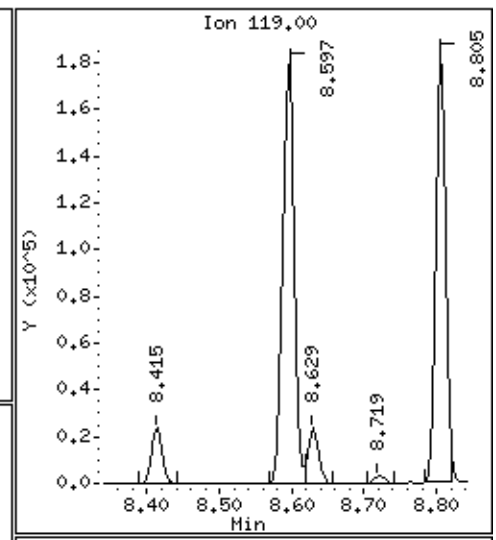
Review Code:

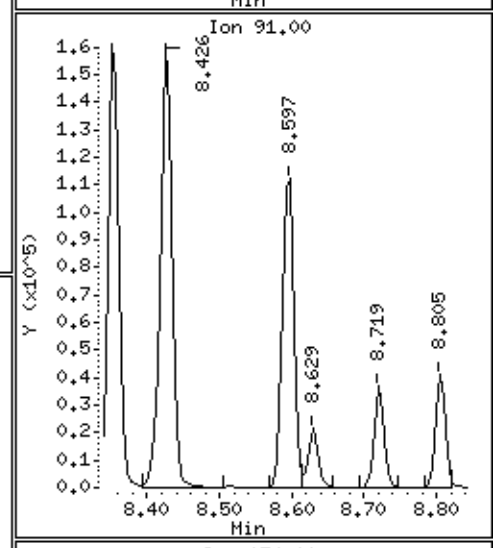


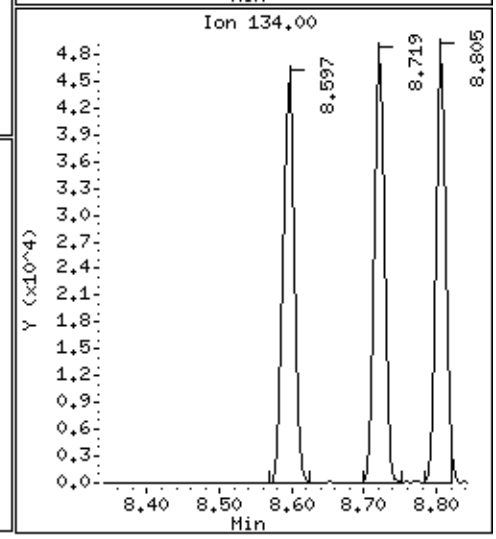












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

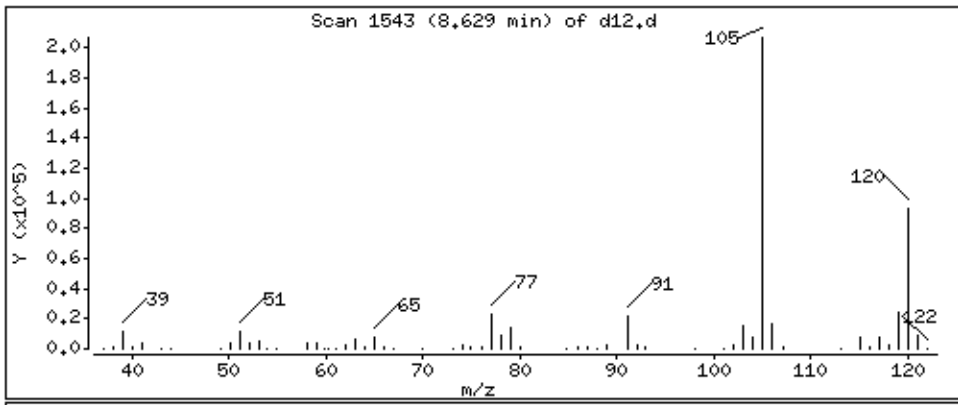
Column phase: DB-624

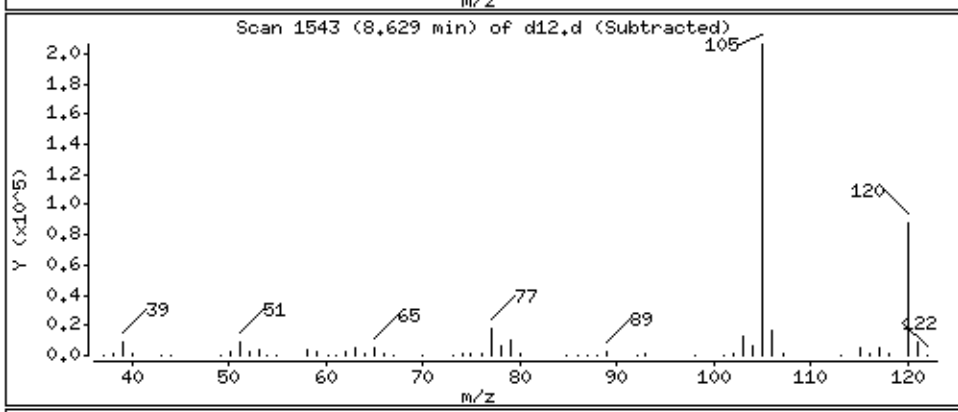
Column diameter: 0.18

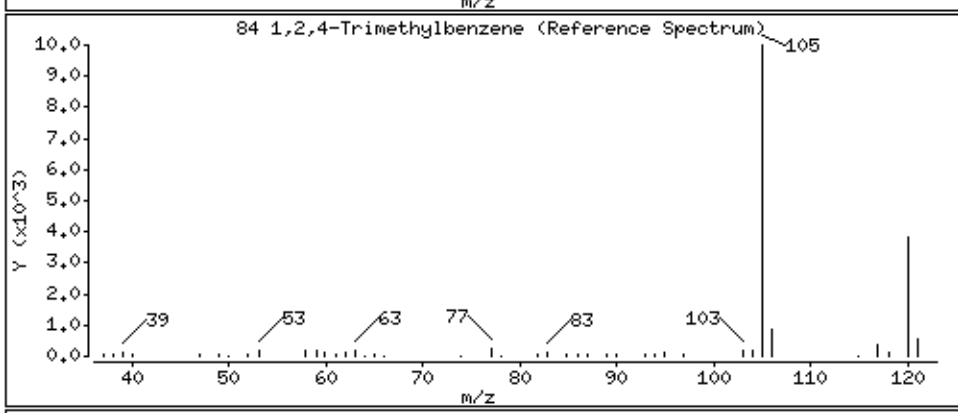
84 1,2,4-Trimethylbenzene

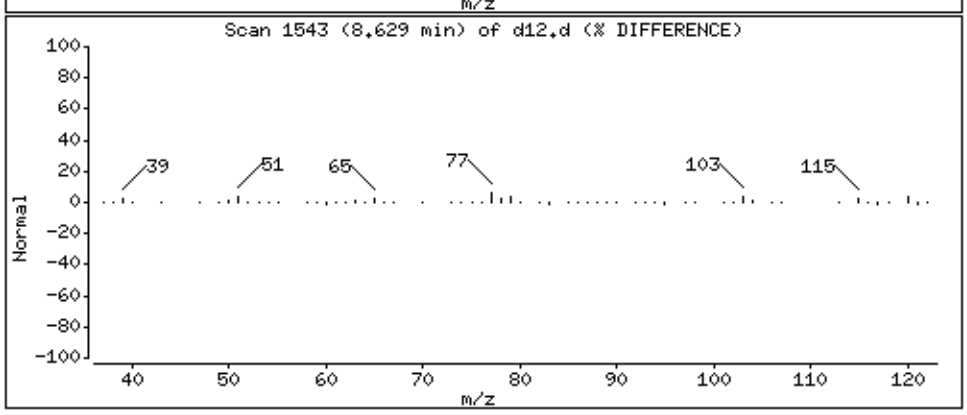
Concentration: 22.8 ppb

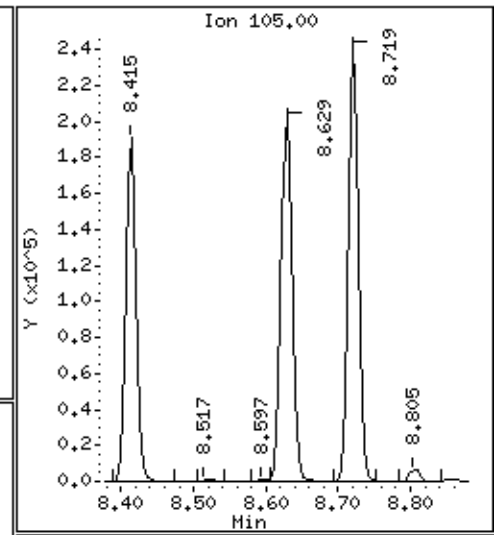
Review Code:

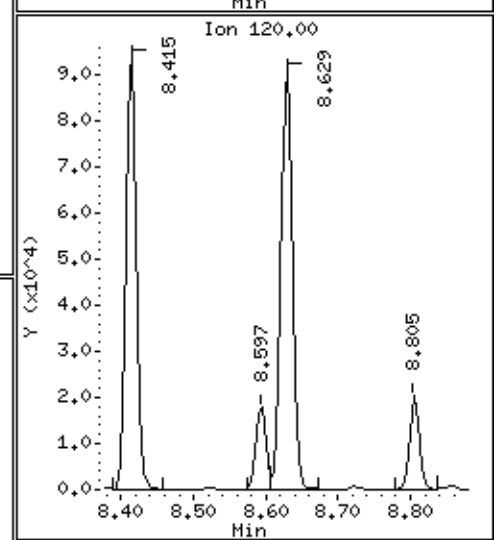












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

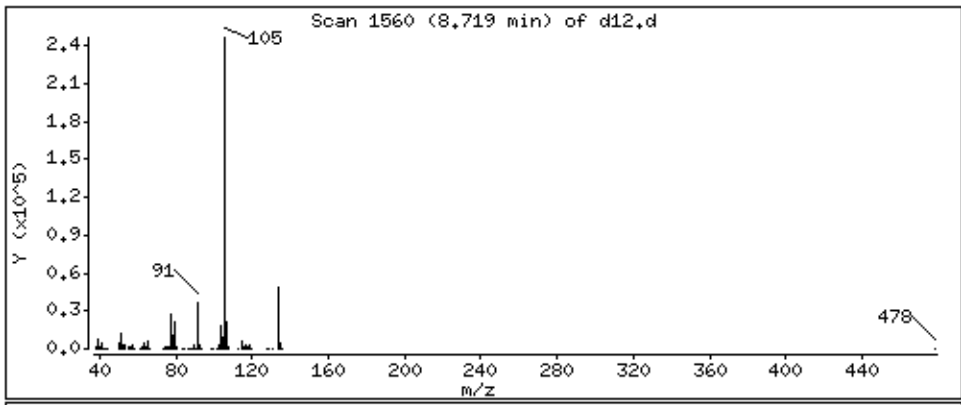
Column phase: DB-624

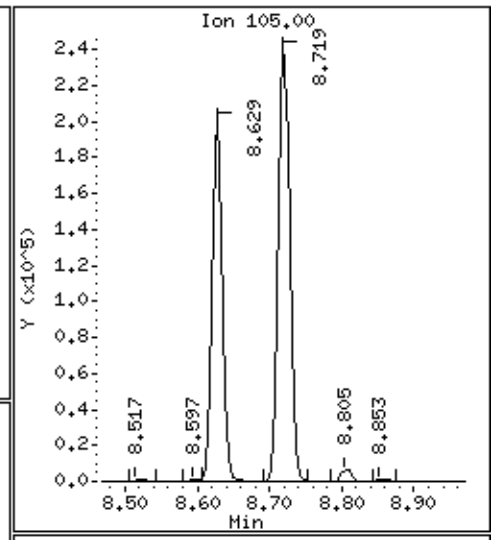
Column diameter: 0.18

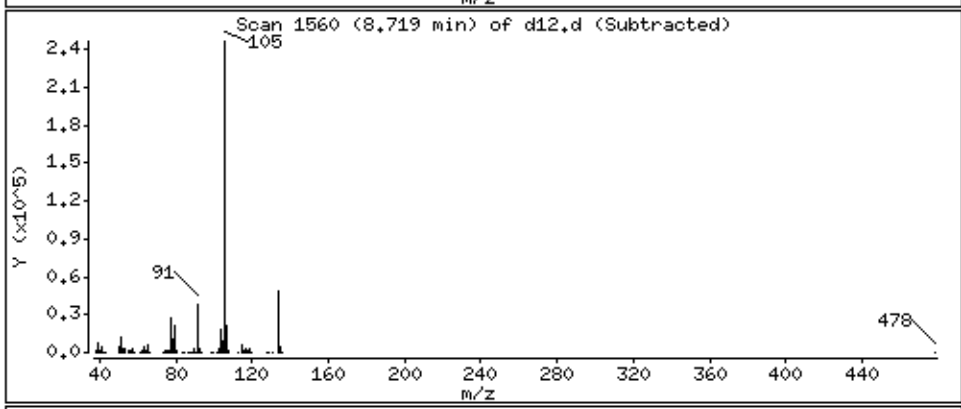
85 sec-Butylbenzene

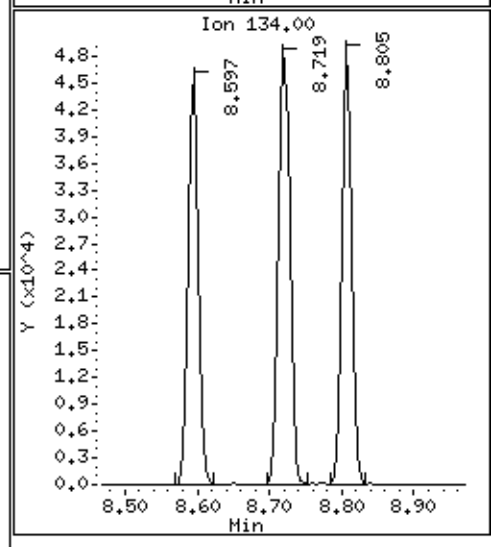
Concentration: 19.6 ppb

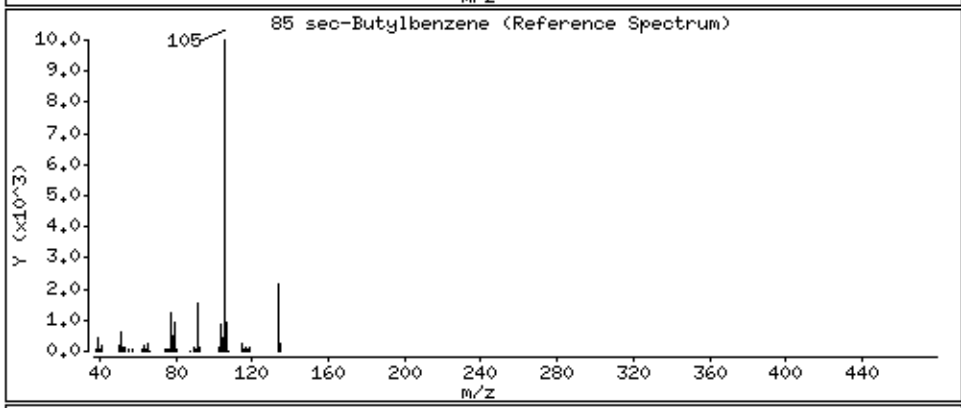
Review Code:

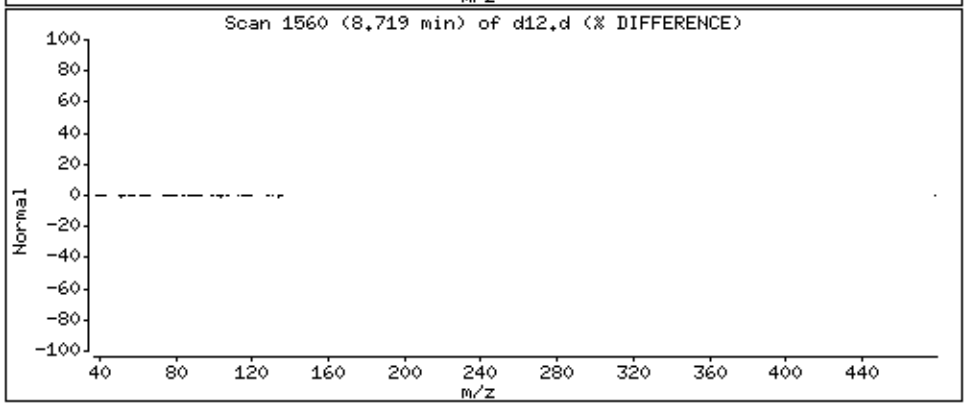












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

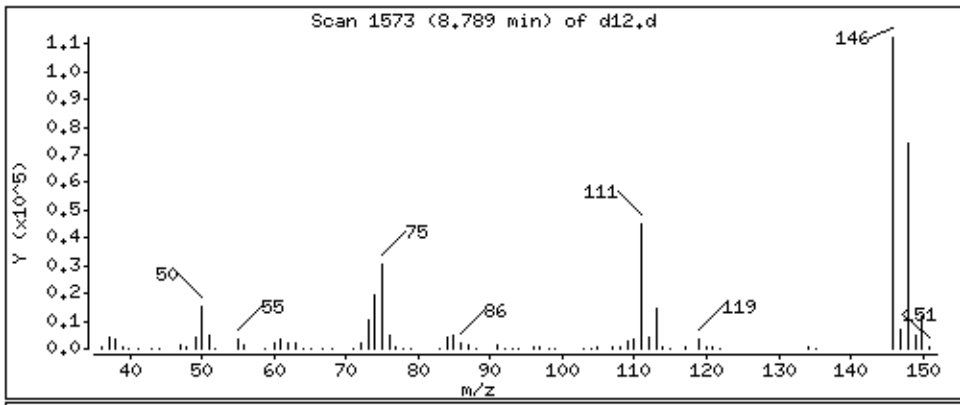
Column phase: DB-624

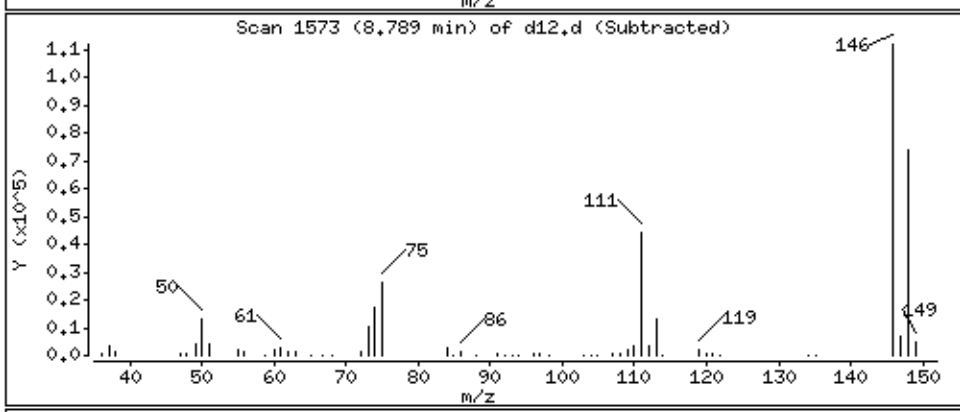
Column diameter: 0.18

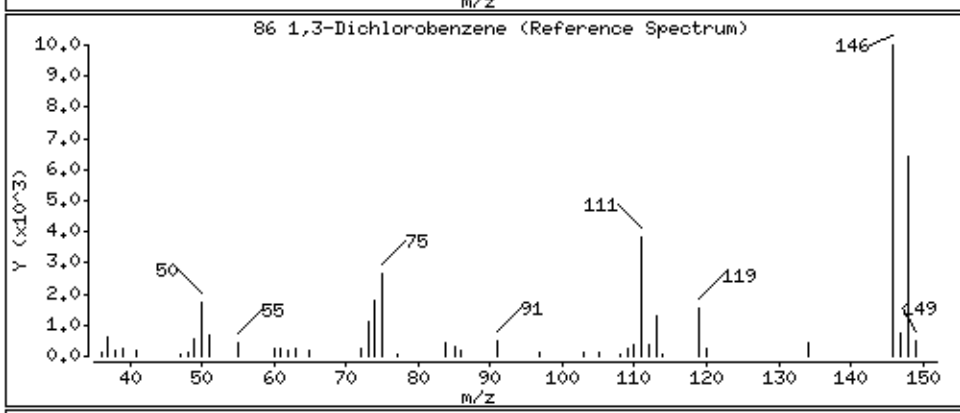
86 1,3-Dichlorobenzene

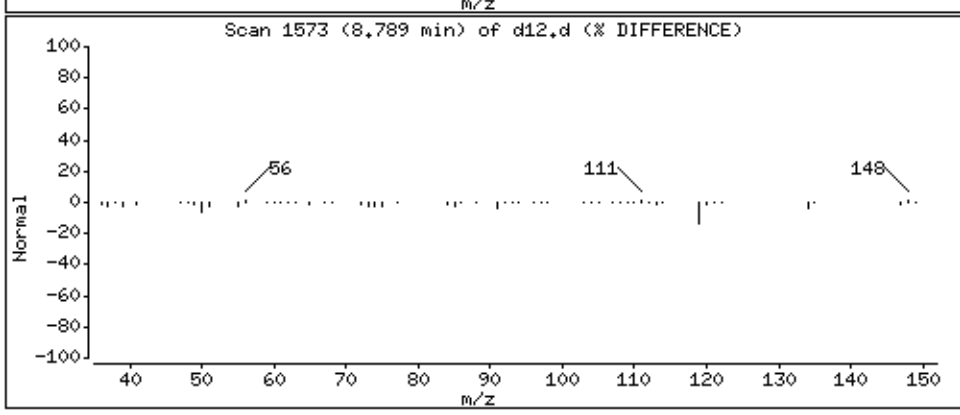
Concentration: 26.9 ppb

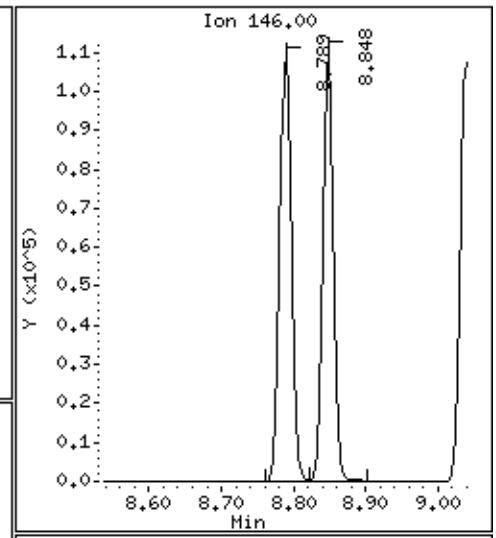
Review Code:

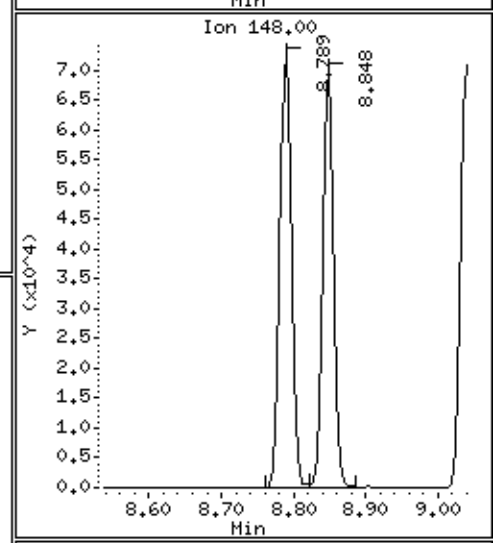


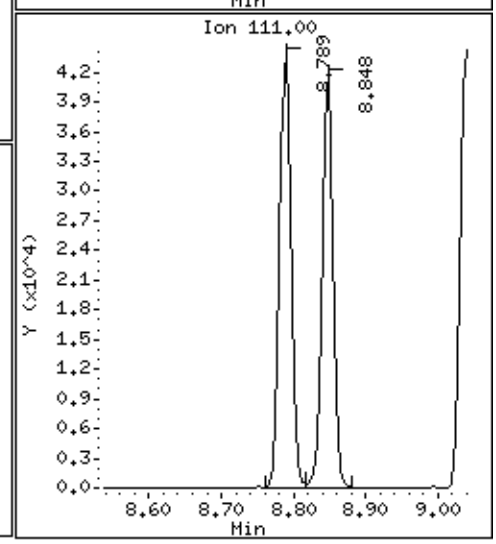












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

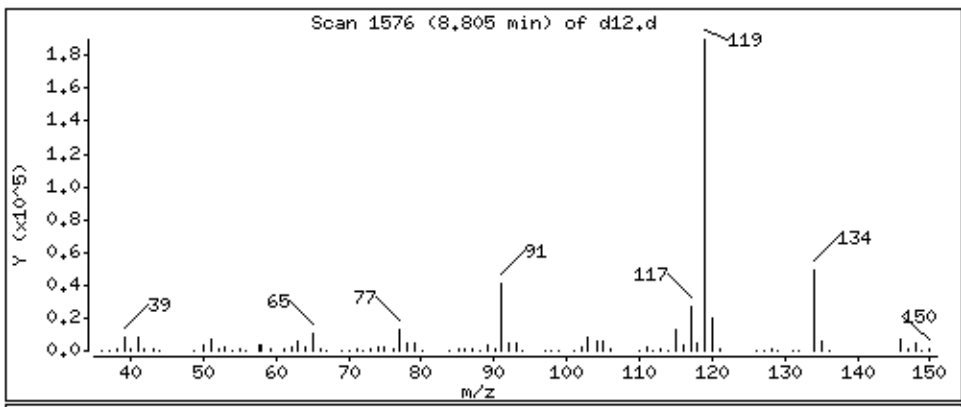
Column phase: DB-624

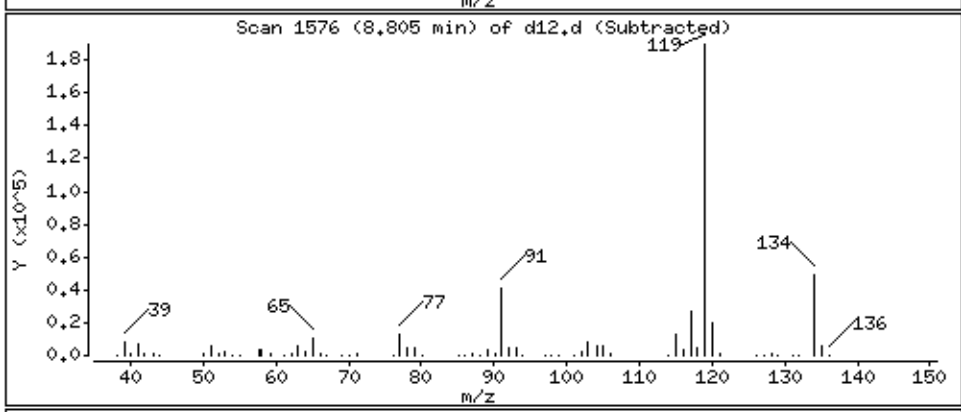
Column diameter: 0.18

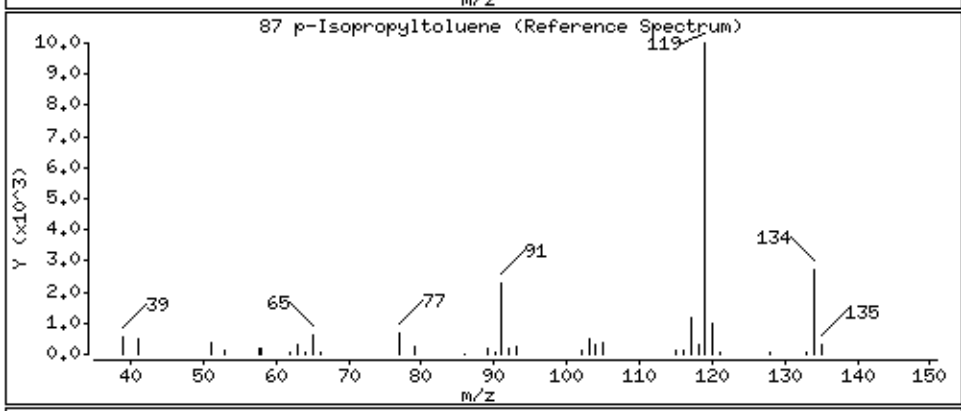
87 p-Isopropyltoluene

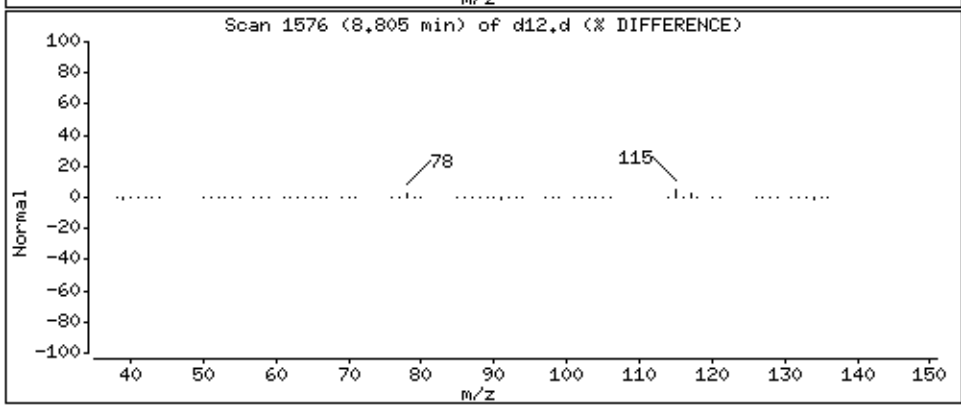
Concentration: 18.2 ppb

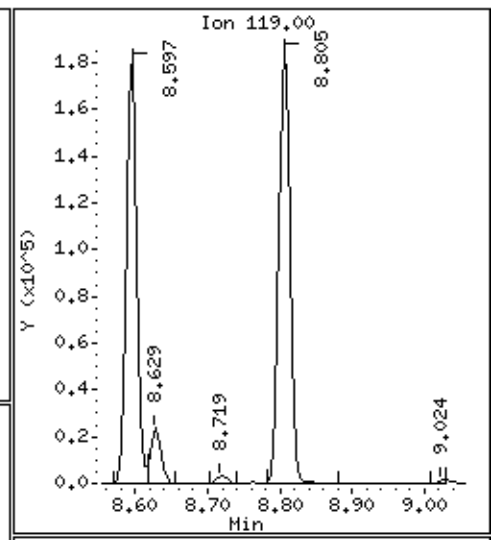
Review Code:

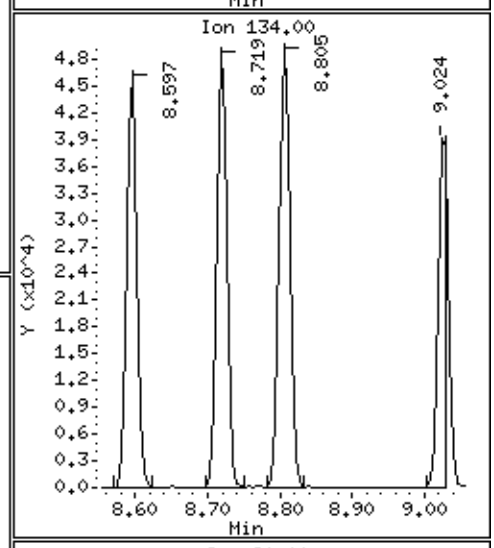


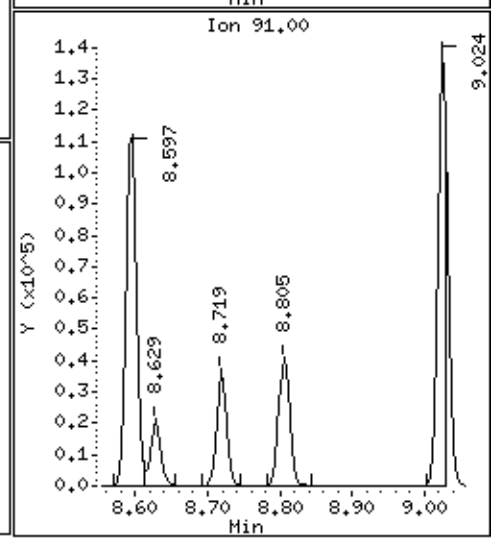












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

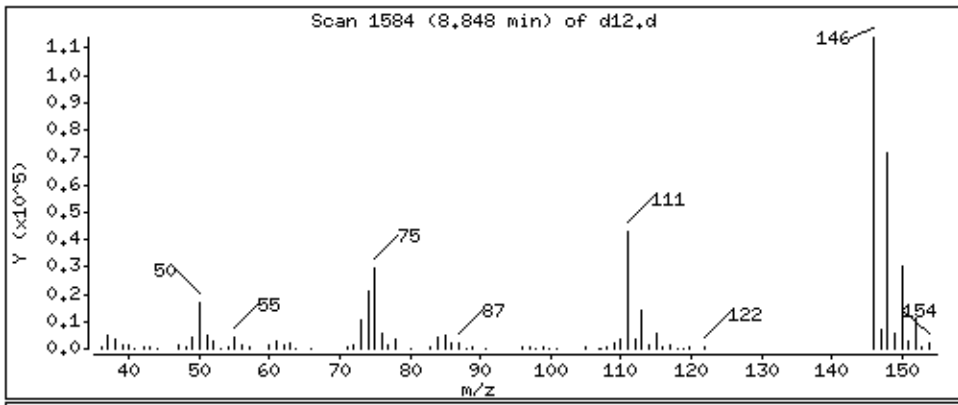
Column phase: DB-624

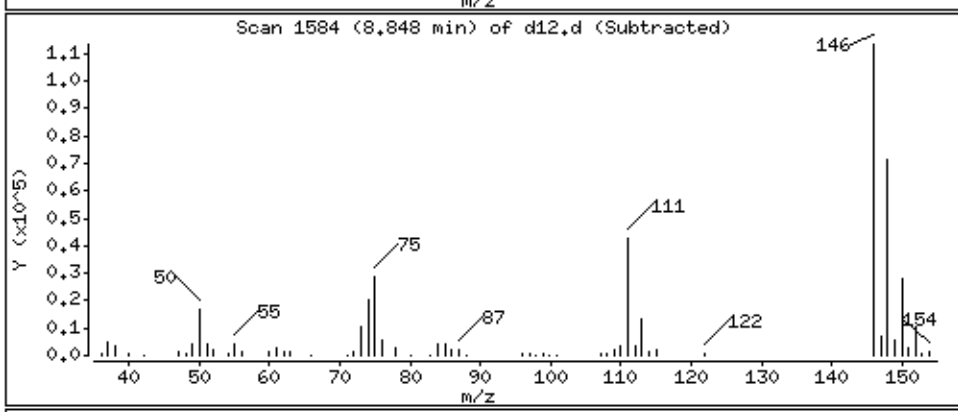
Column diameter: 0.18

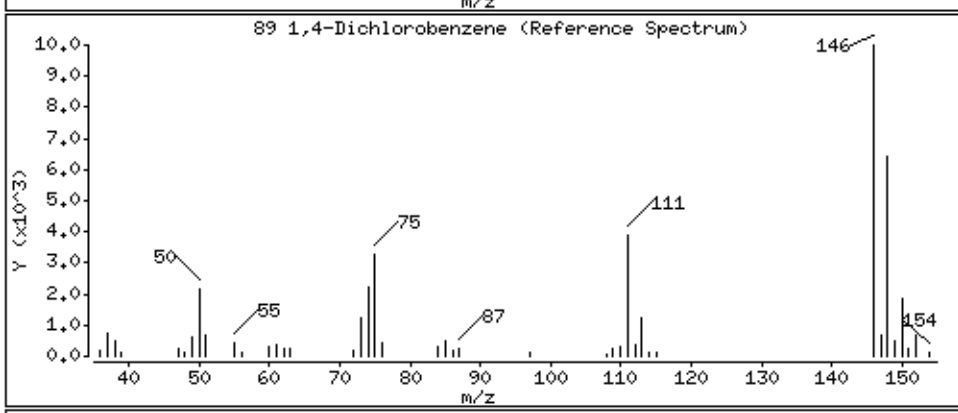
89 1,4-Dichlorobenzene

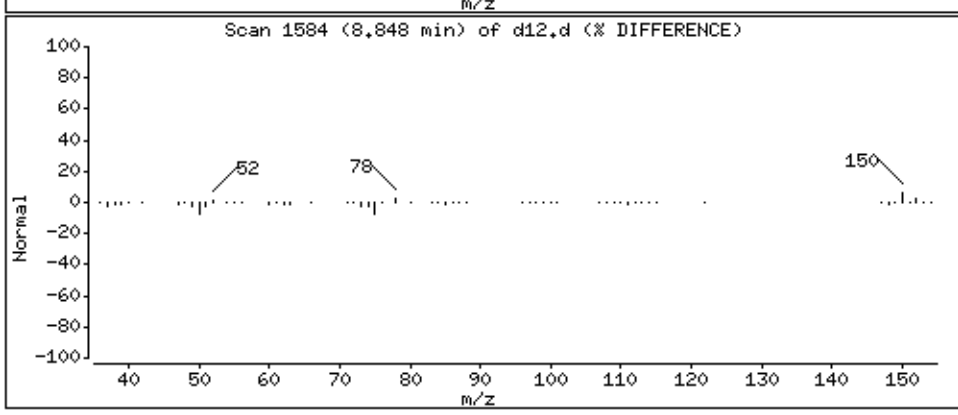
Concentration: 26.4 ppb

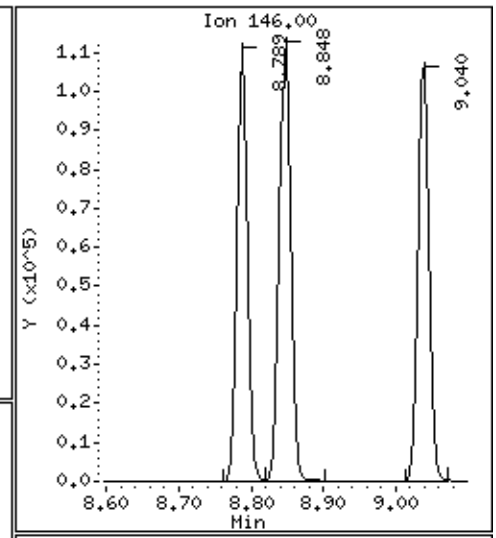
Review Code:

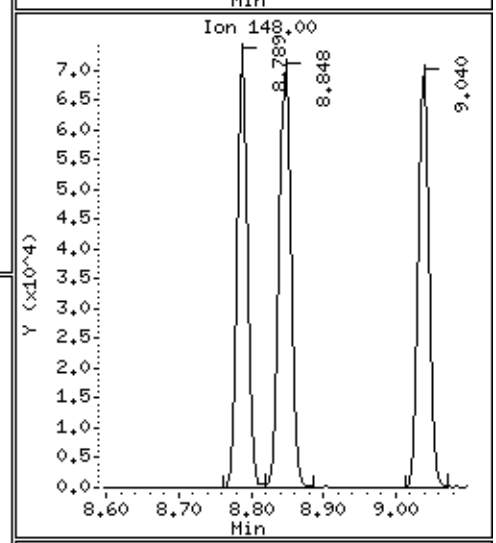


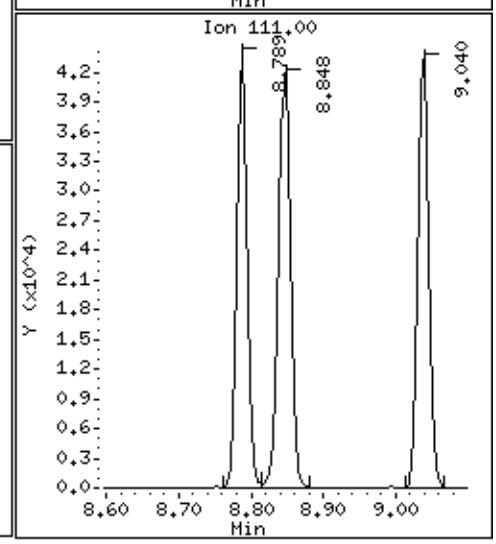












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

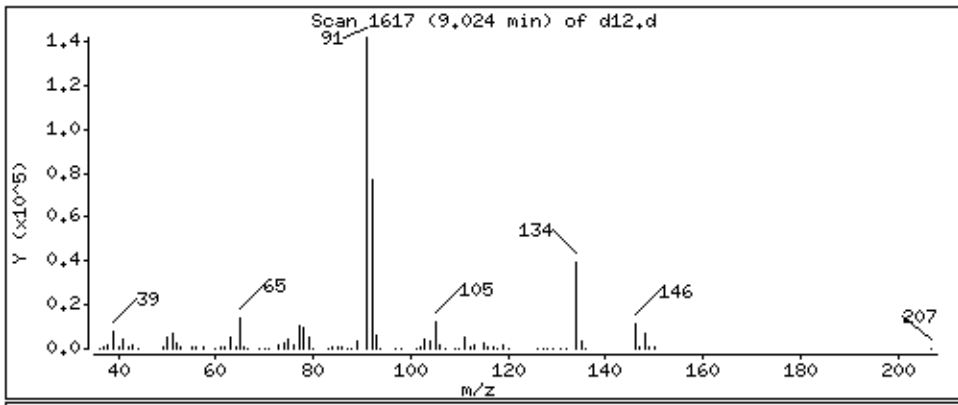
Column phase: DB-624

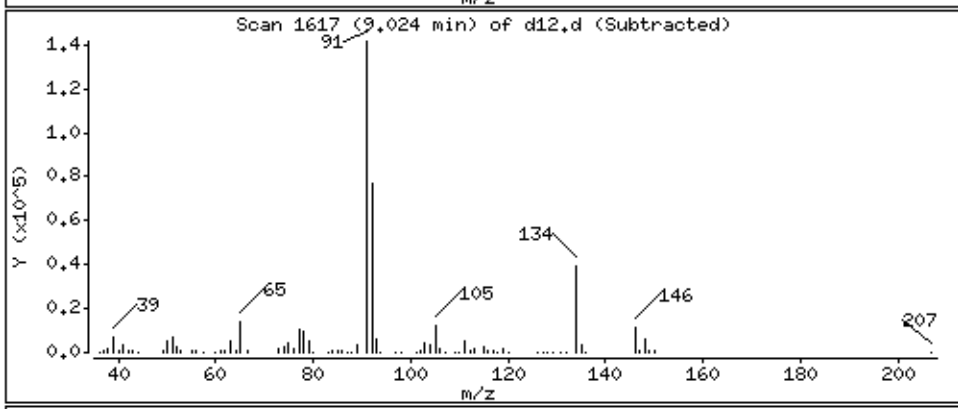
Column diameter: 0.18

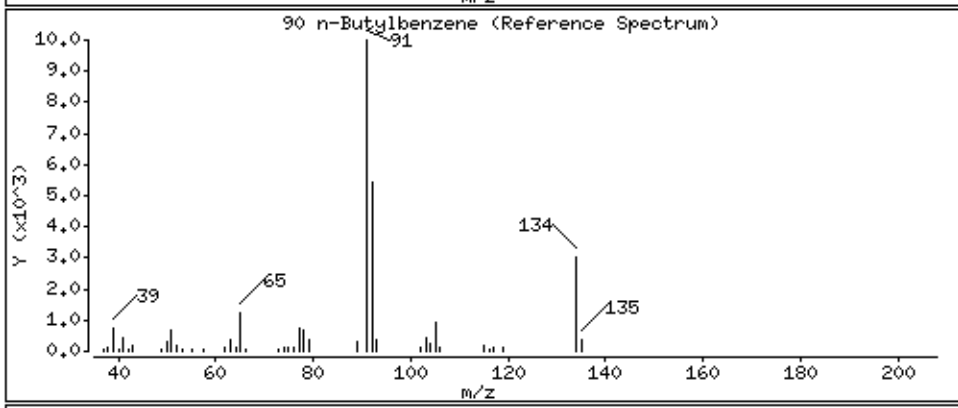
90 n-Butylbenzene

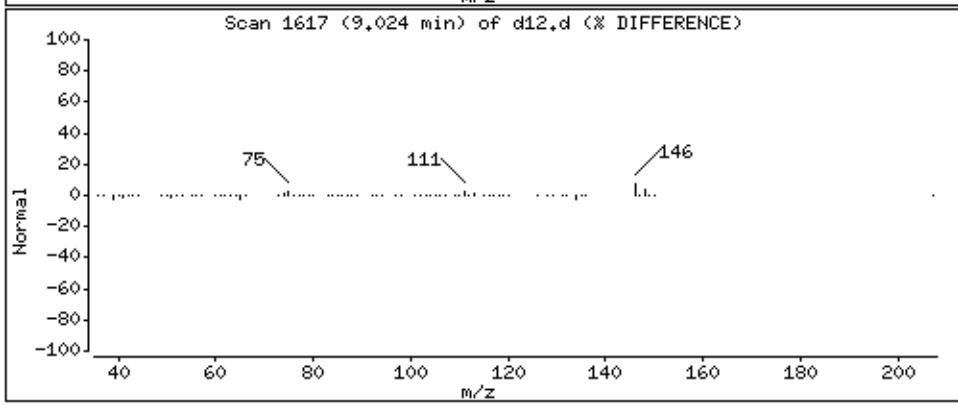
Concentration: 14.8 ppb

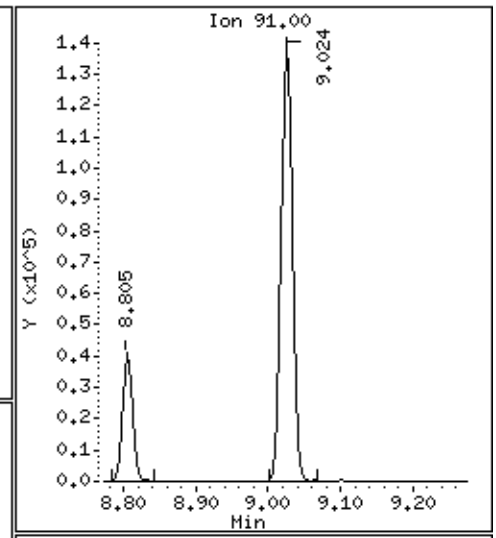
Review Code:

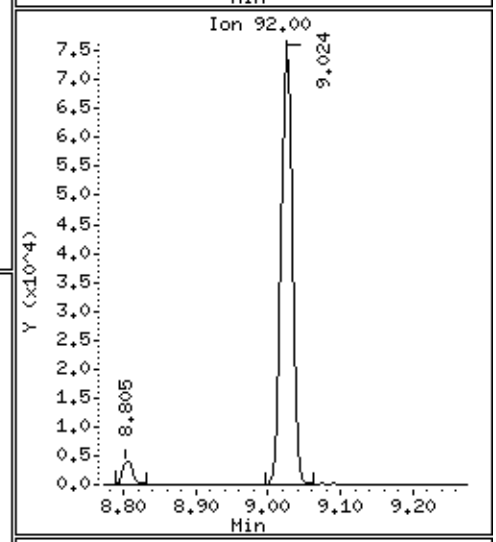


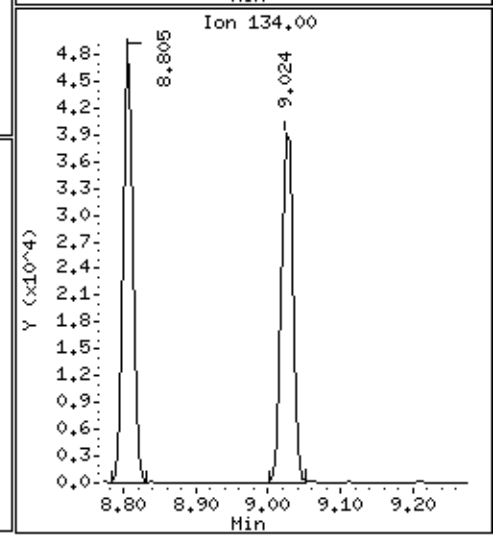












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

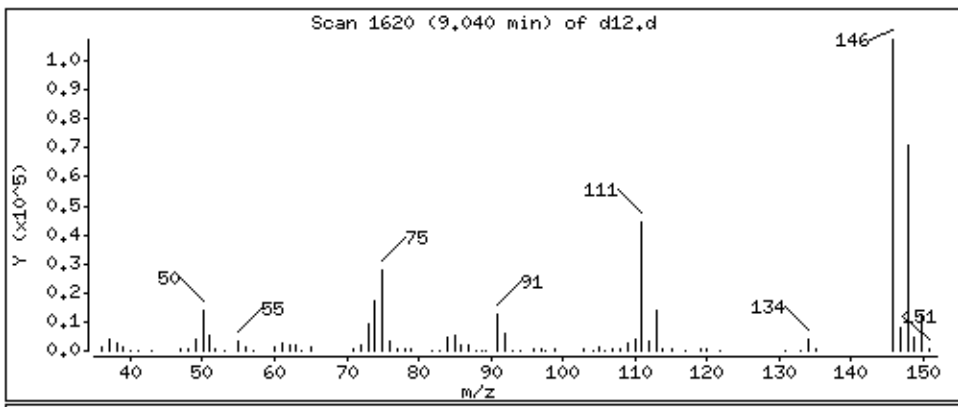
Column phase: DB-624

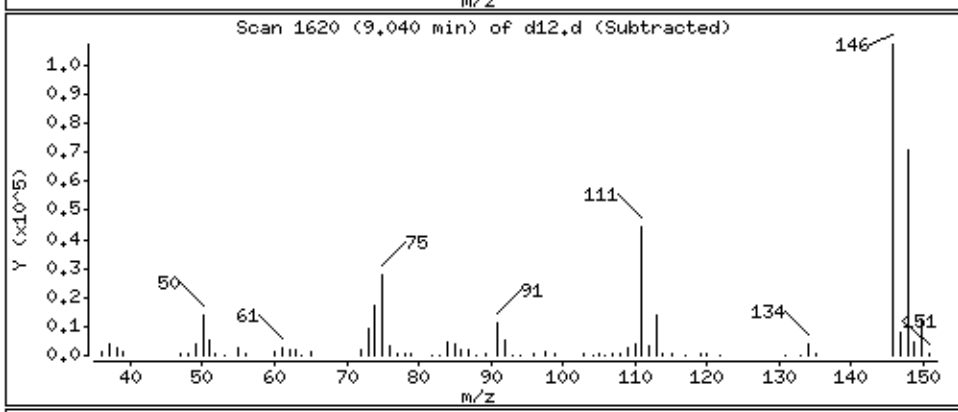
Column diameter: 0.18

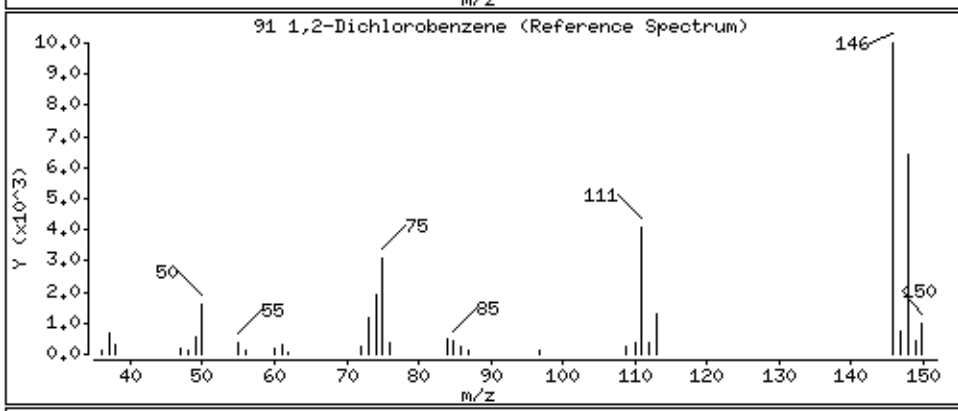
91 1,2-Dichlorobenzene

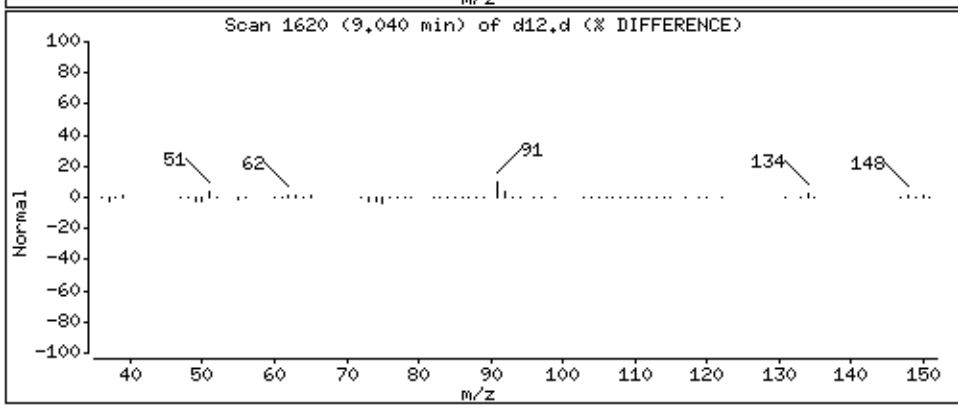
Concentration: 32.7 ppb

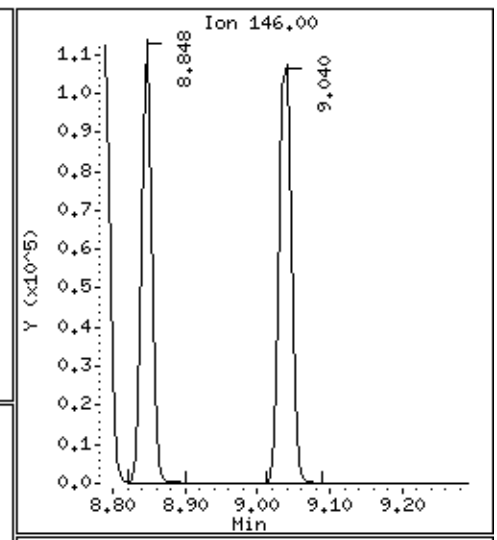
Review Code:

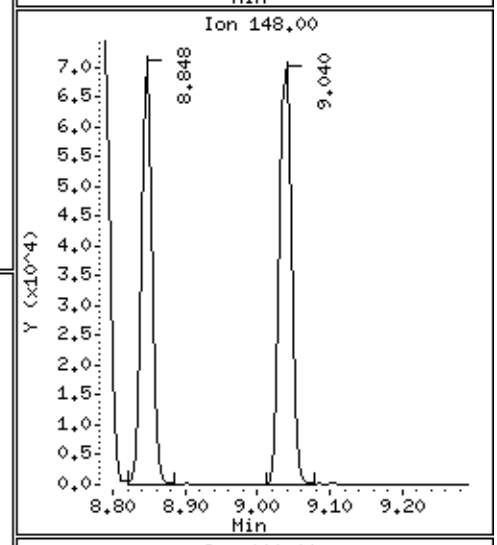


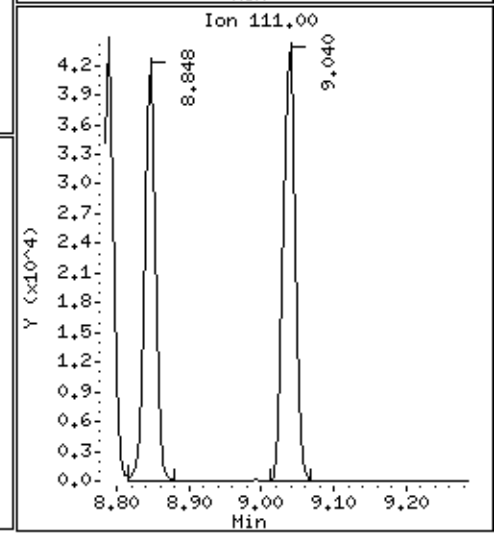












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

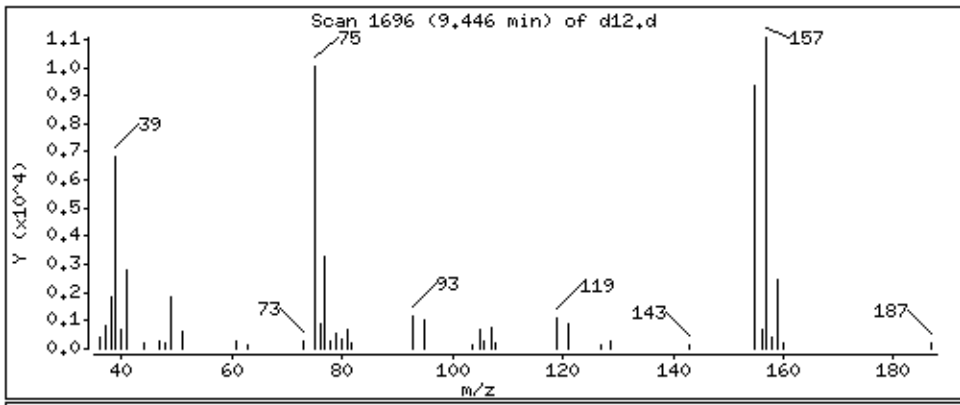
Column phase: DB-624

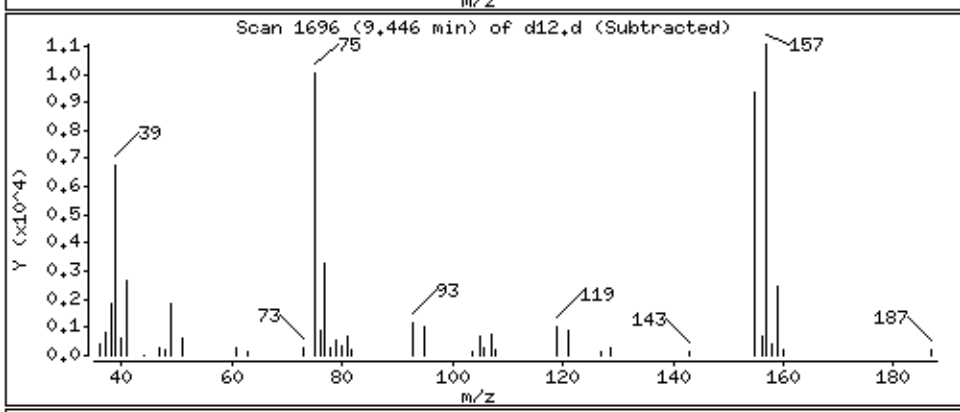
Column diameter: 0.18

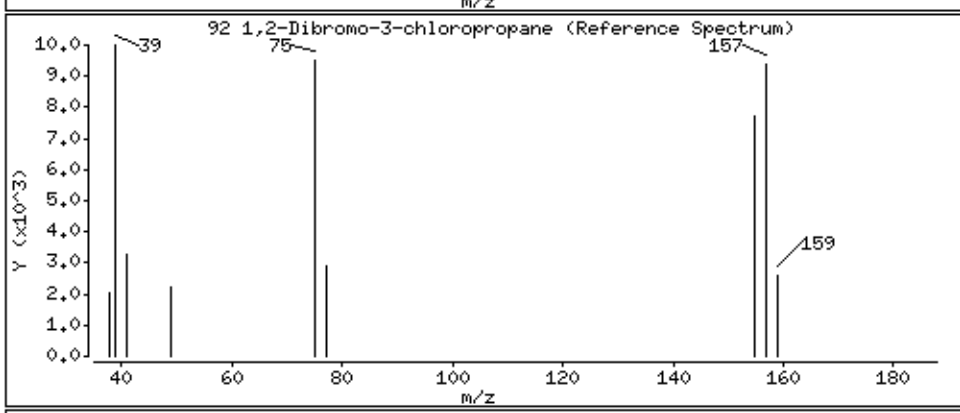
92 1,2-Dibromo-3-chloropropane

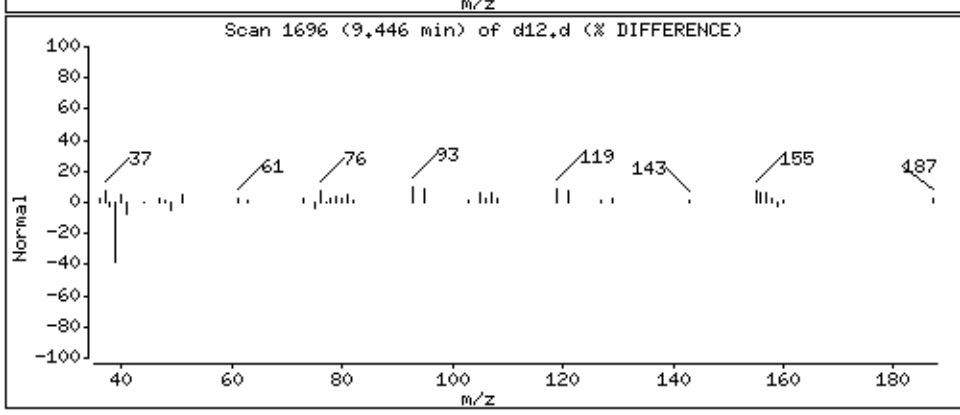
Concentration: 48.6 ppb

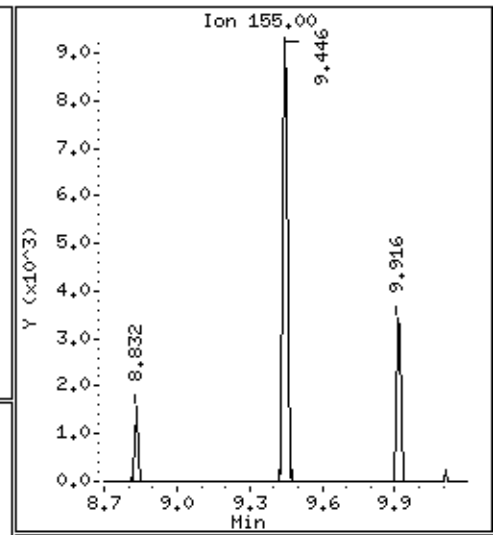
Review Code:

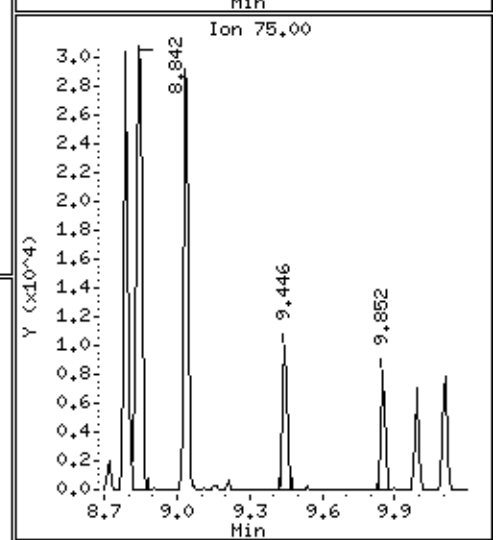


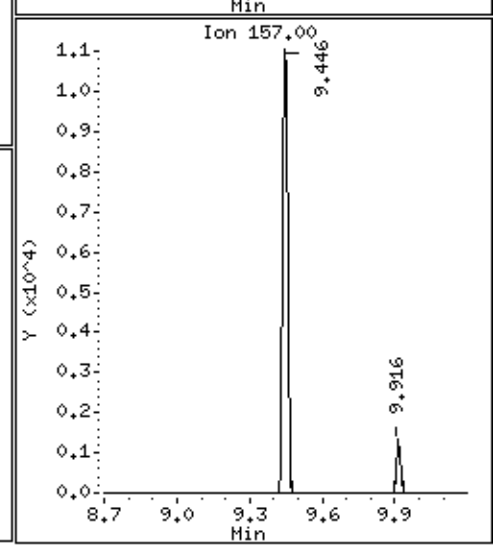












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

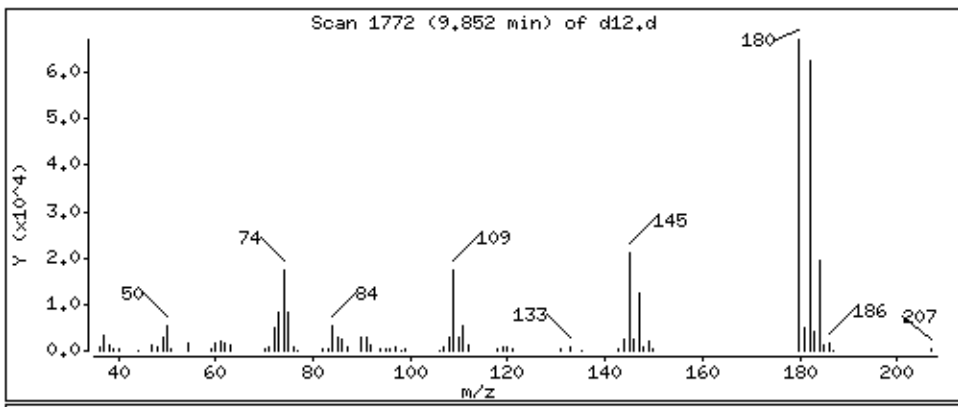
Column phase: DB-624

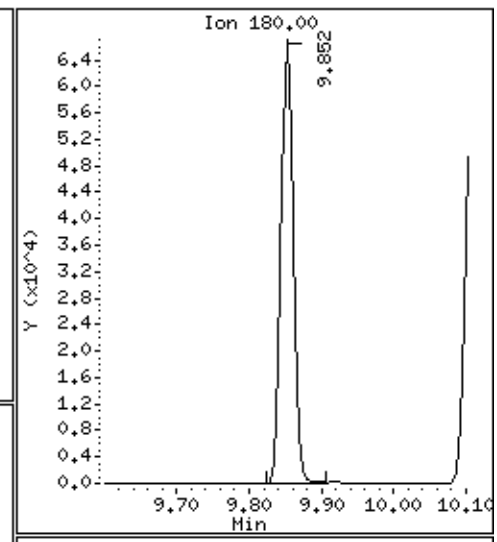
Column diameter: 0.18

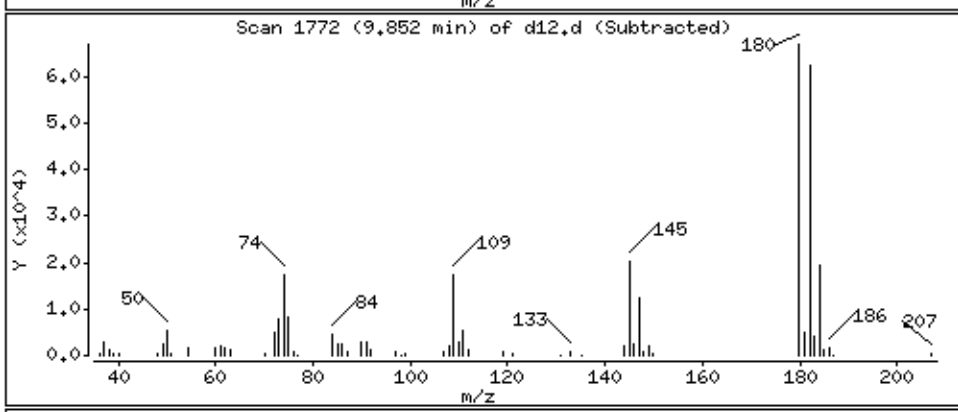
93 1,2,4-Trichlorobenzene

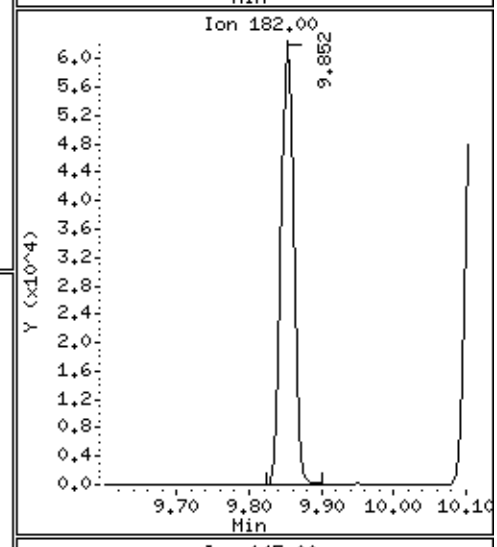
Concentration: 26.7 ppb

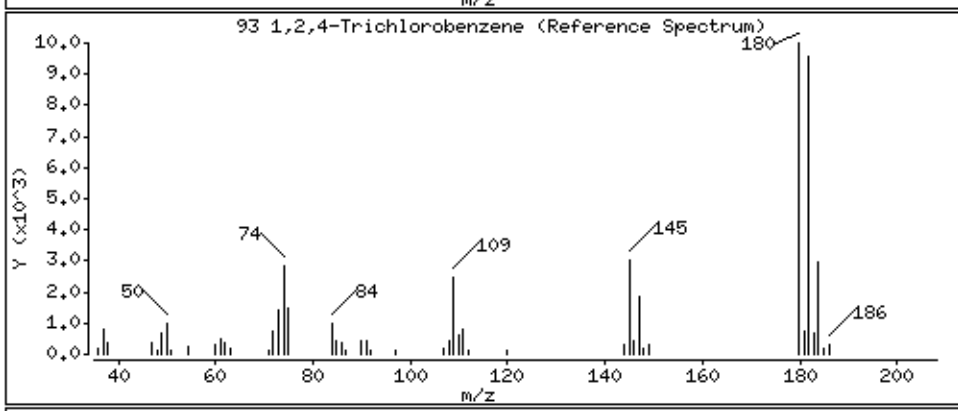
Review Code:

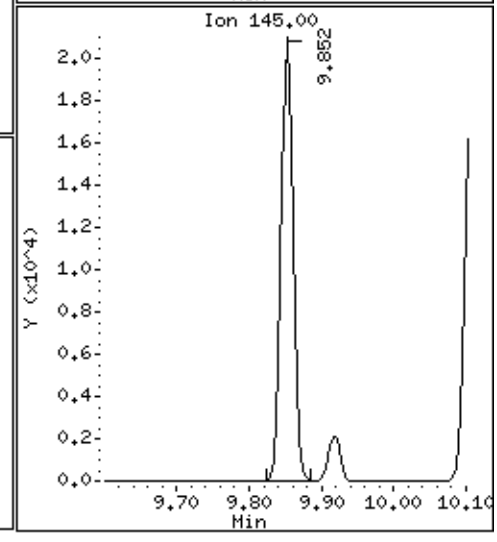


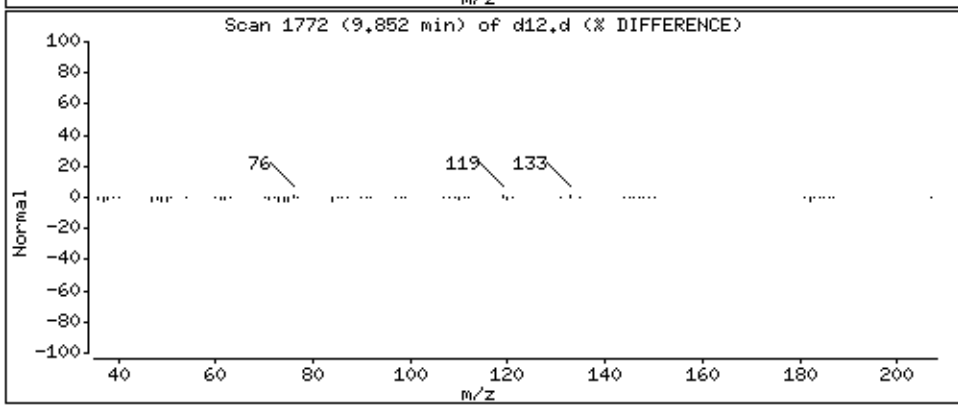












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Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

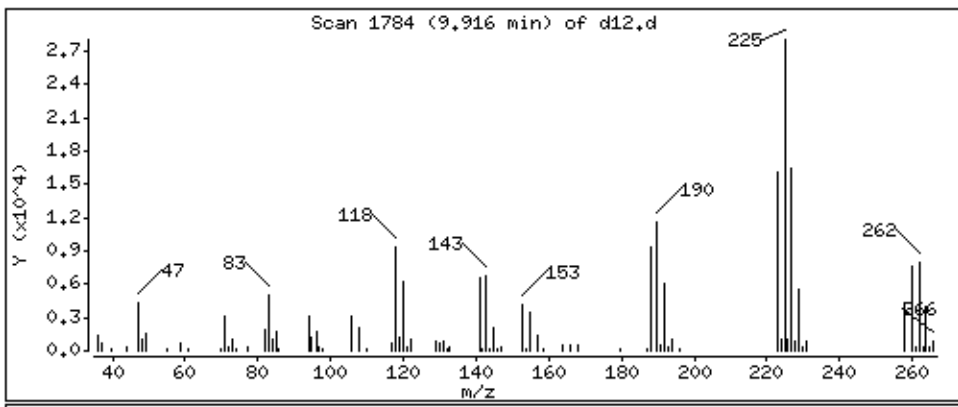
Column phase: DB-624

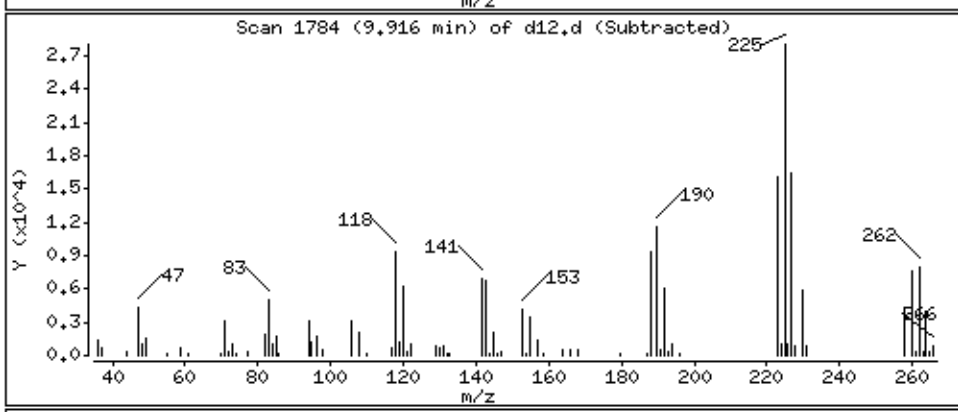
Column diameter: 0.18

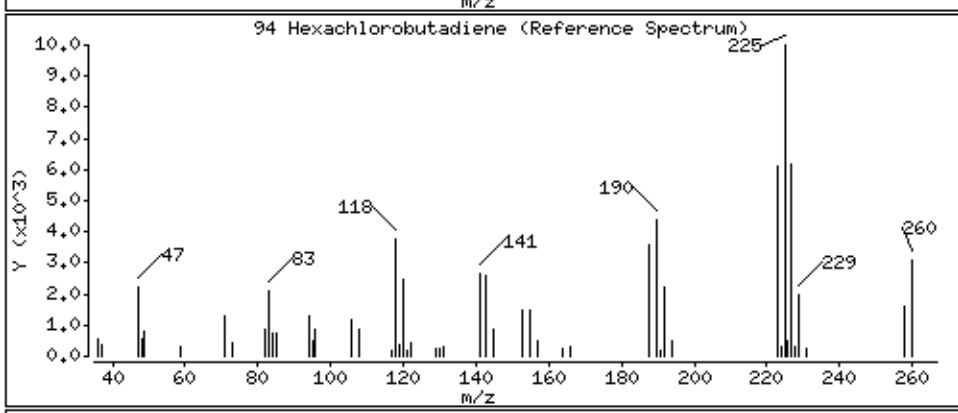
94 Hexachlorobutadiene

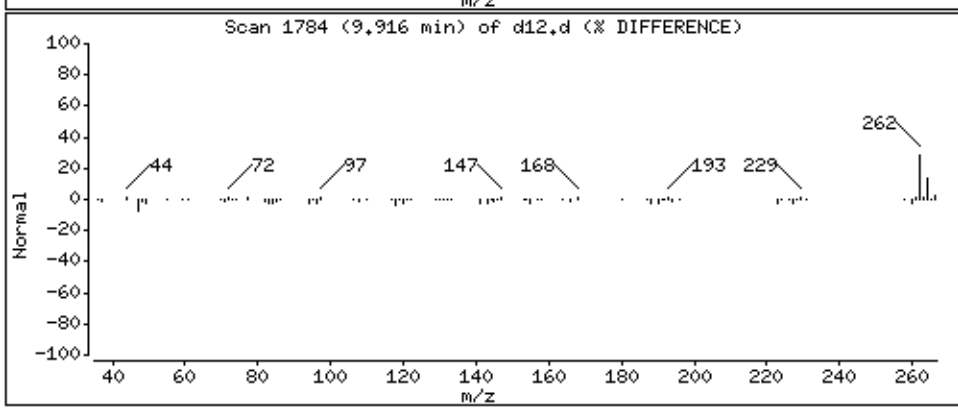
Concentration: 14.0 ppb

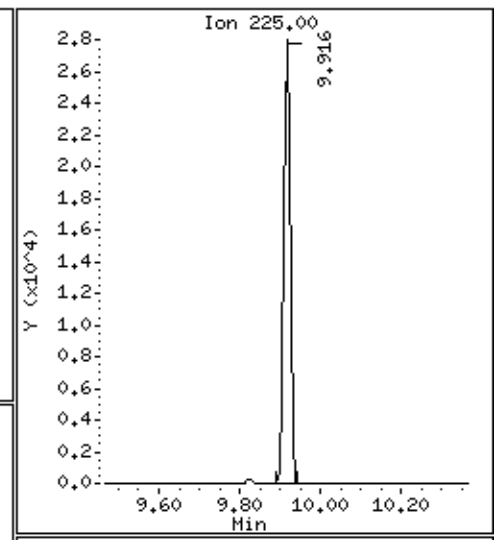
Review Code:

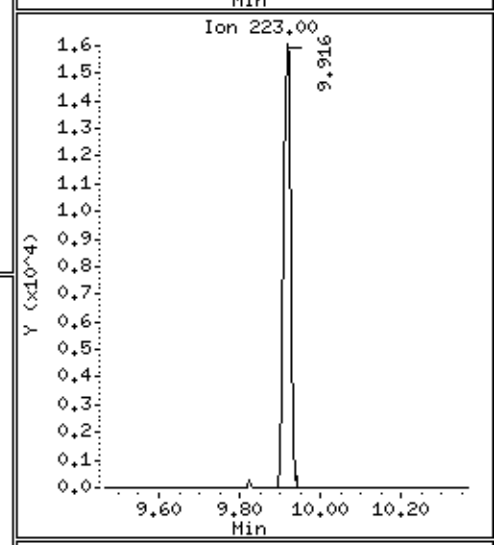


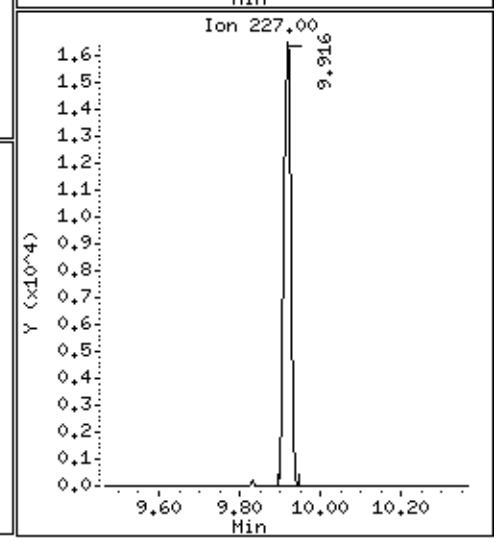












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

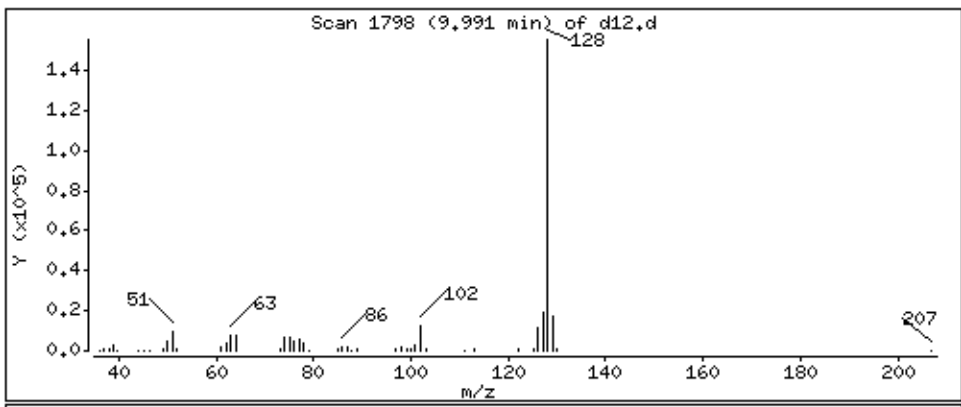
Column phase: DB-624

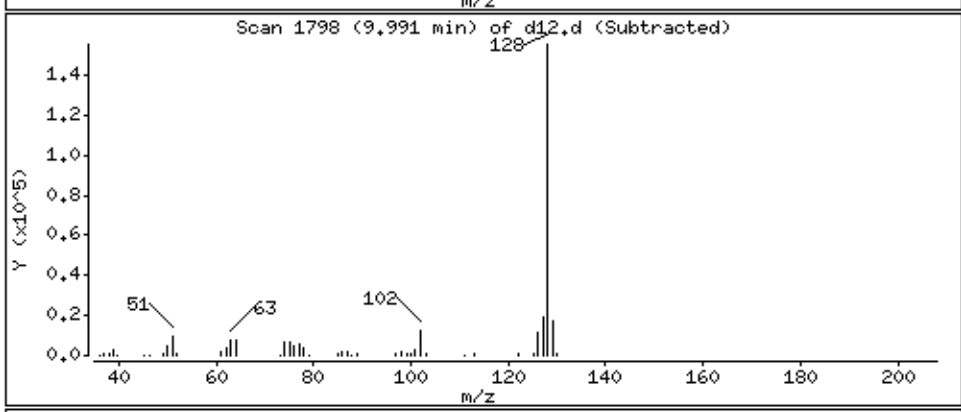
Column diameter: 0.18

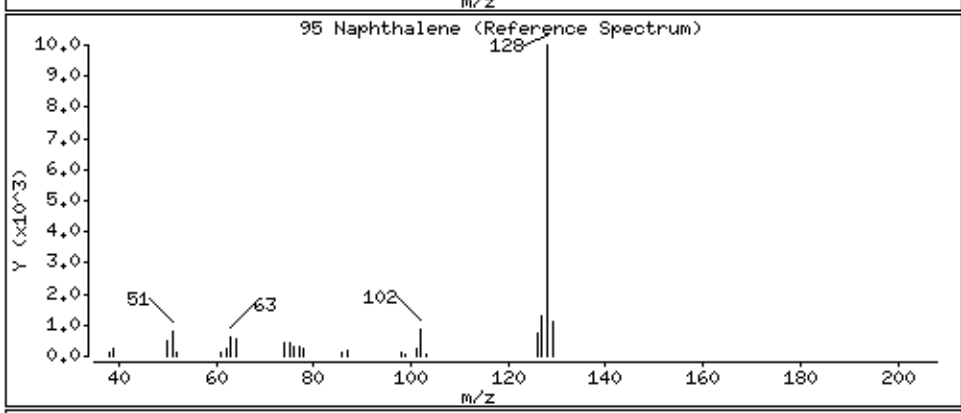
95 Naphthalene

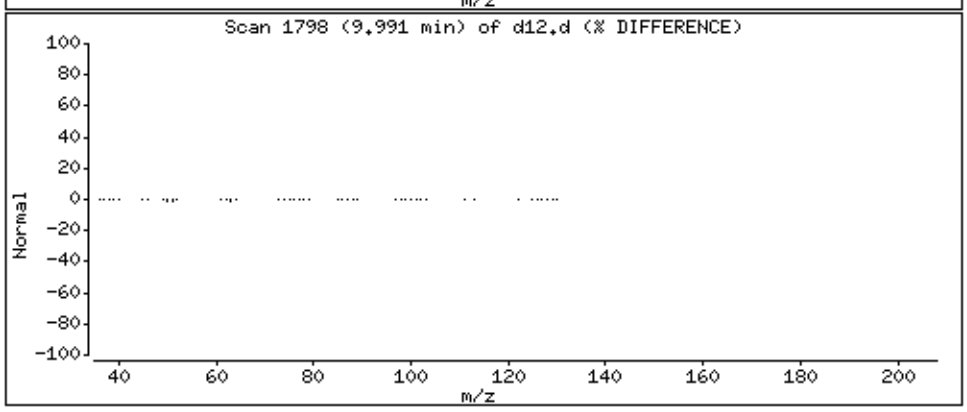
Concentration: 40.7 ppb

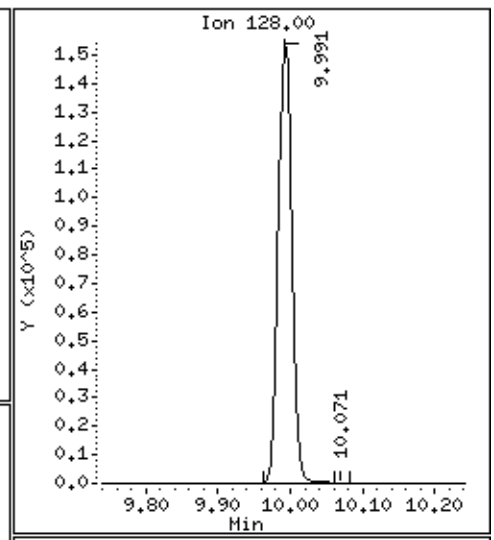
Review Code:

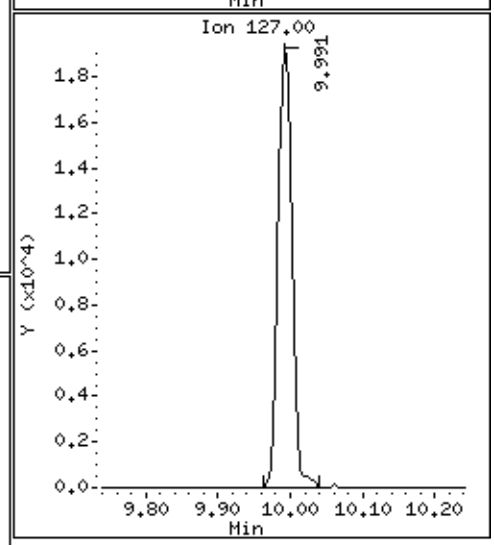












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

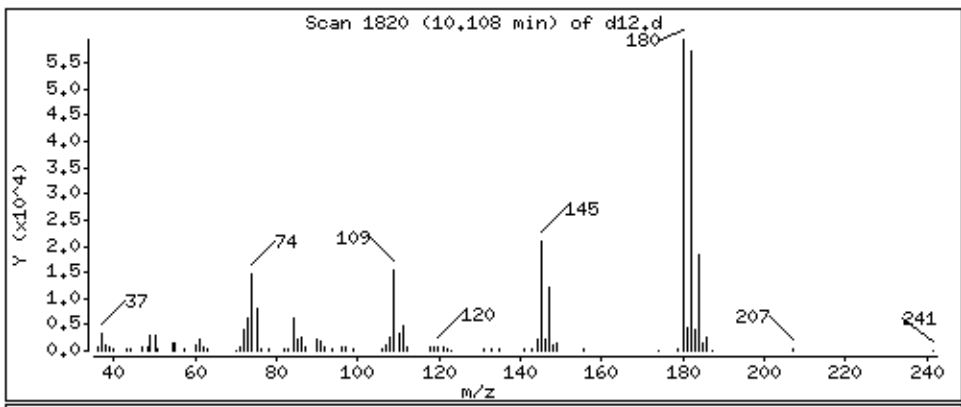
Column phase: DB-624

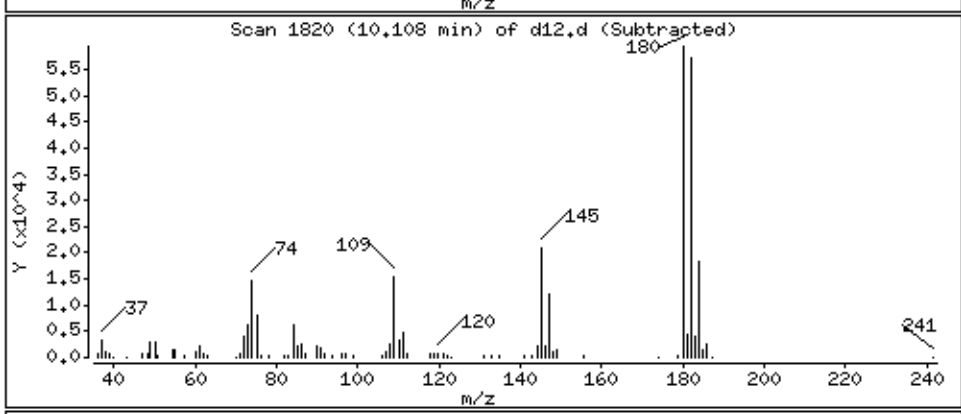
Column diameter: 0.18

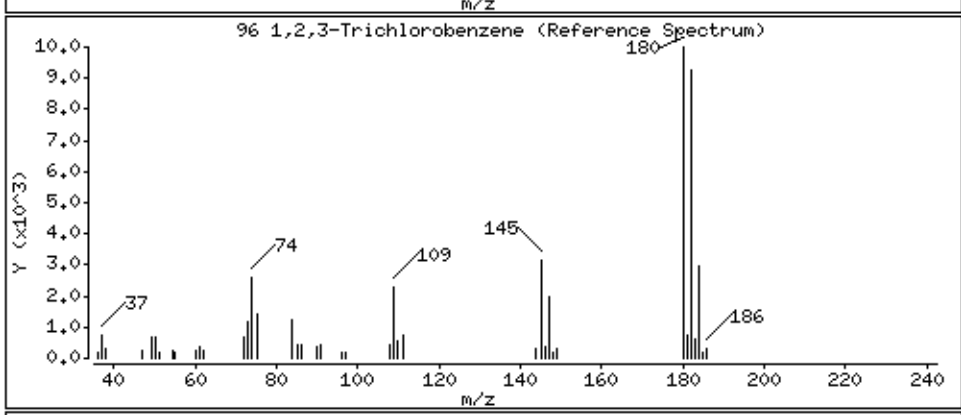
96 1,2,3-Trichlorobenzene

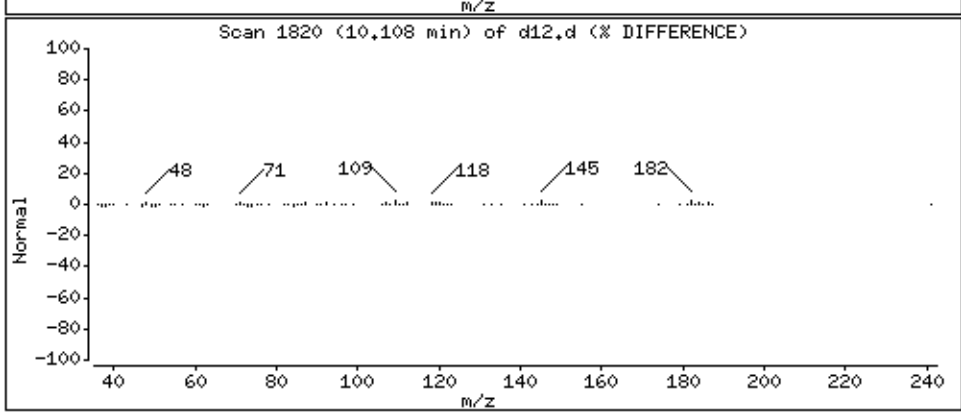
Concentration: 31.7 ppb

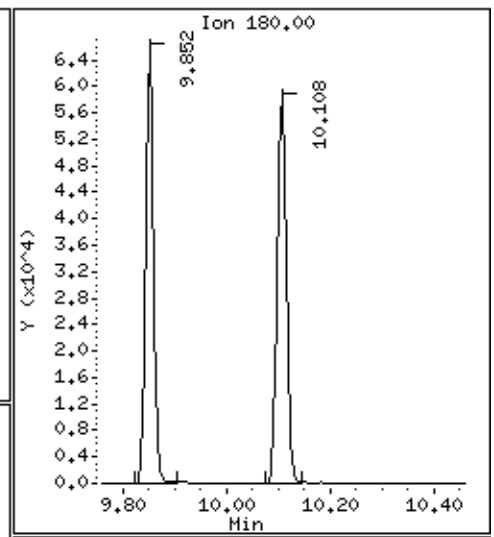
Review Code:

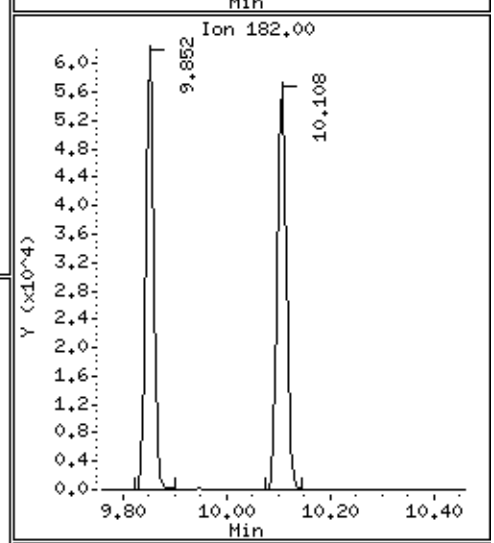


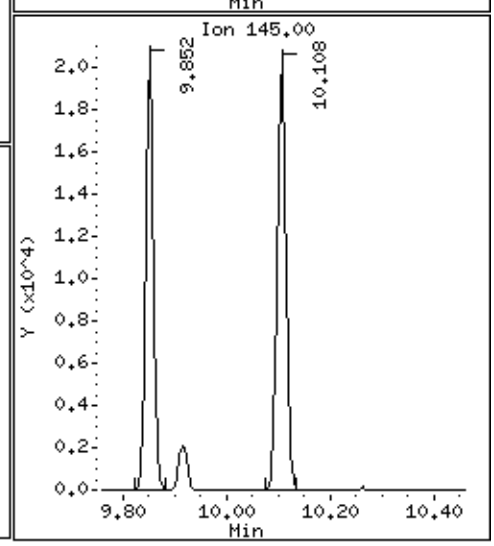












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

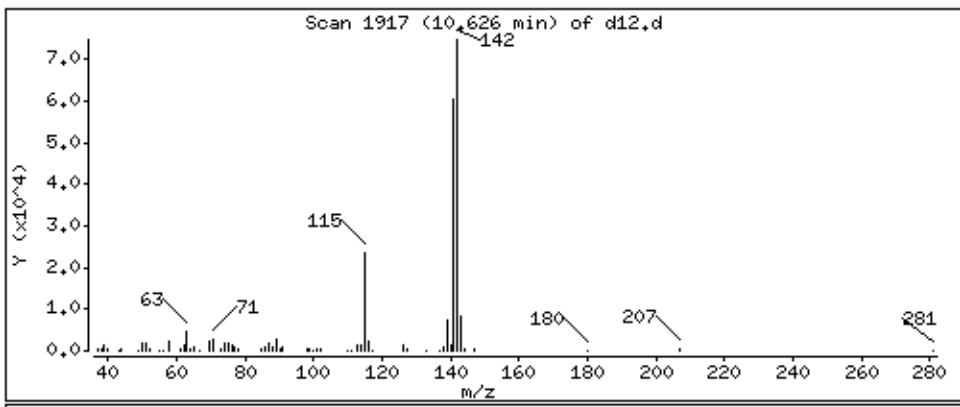
Column phase: DB-624

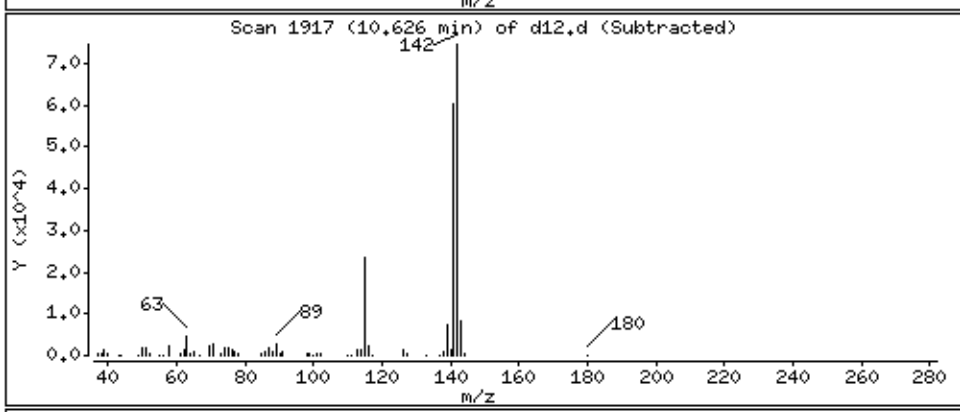
Column diameter: 0.18

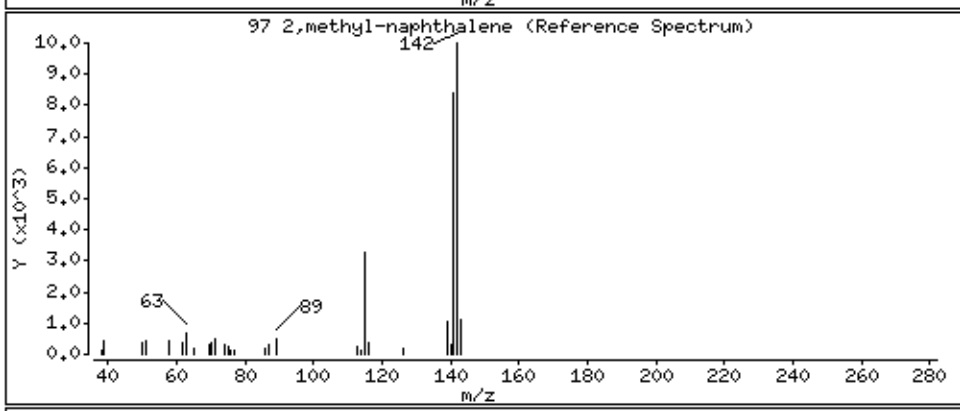
97 2,methyl-naphthalene

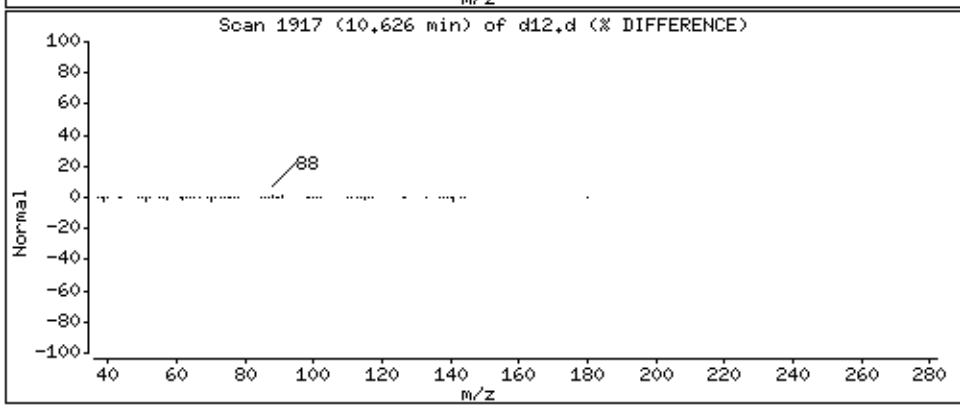
Concentration: 40.9 ppb

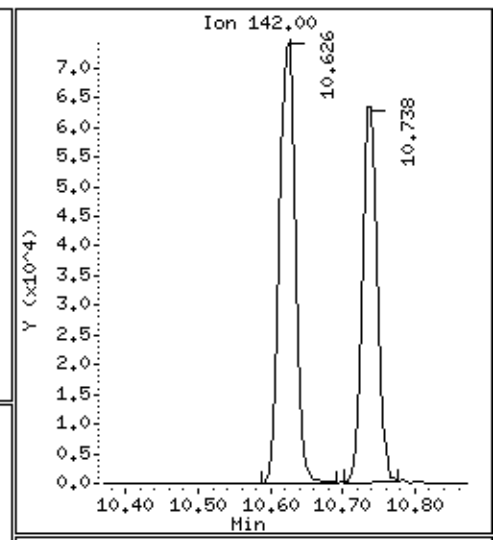
Review Code:

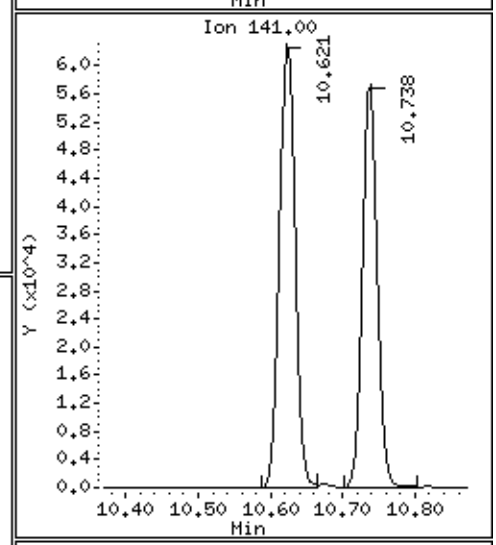


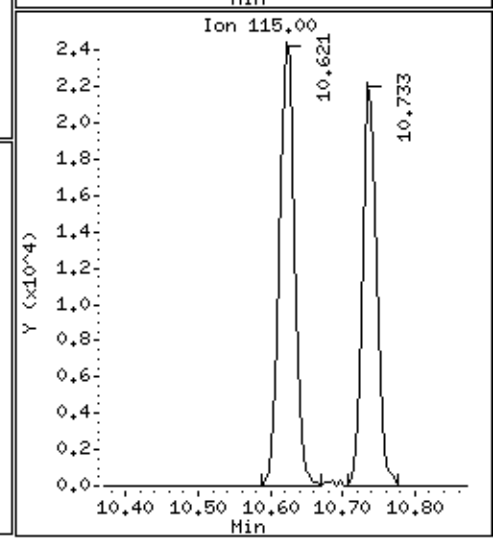












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

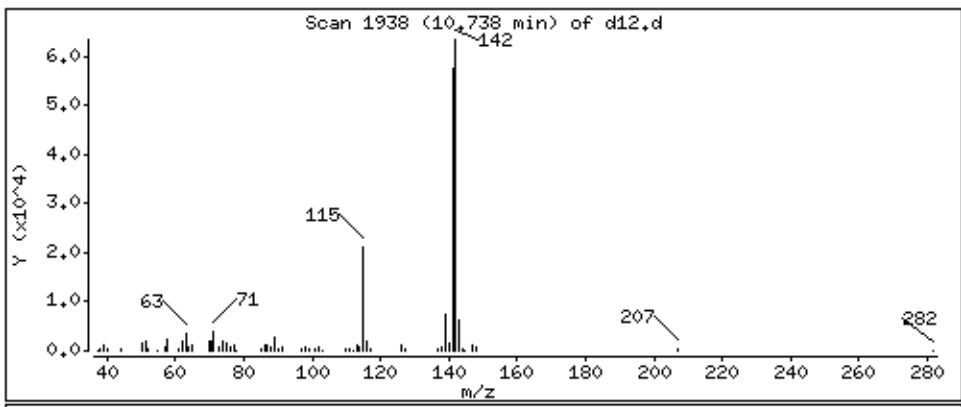
Column phase: DB-624

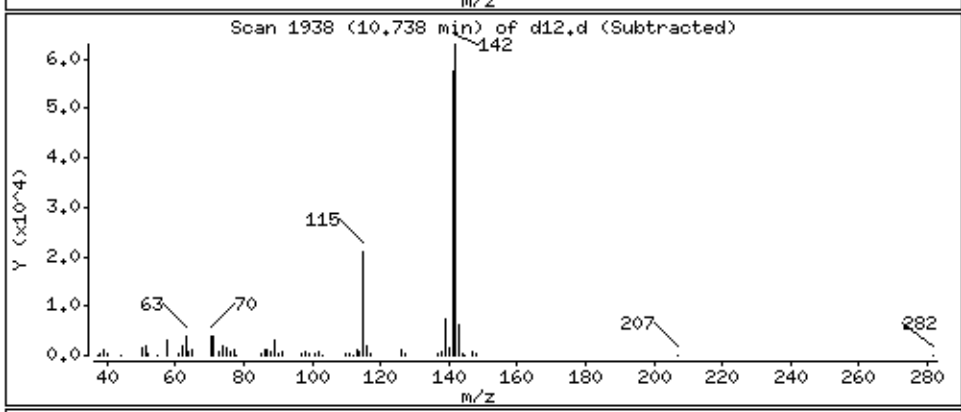
Column diameter: 0.18

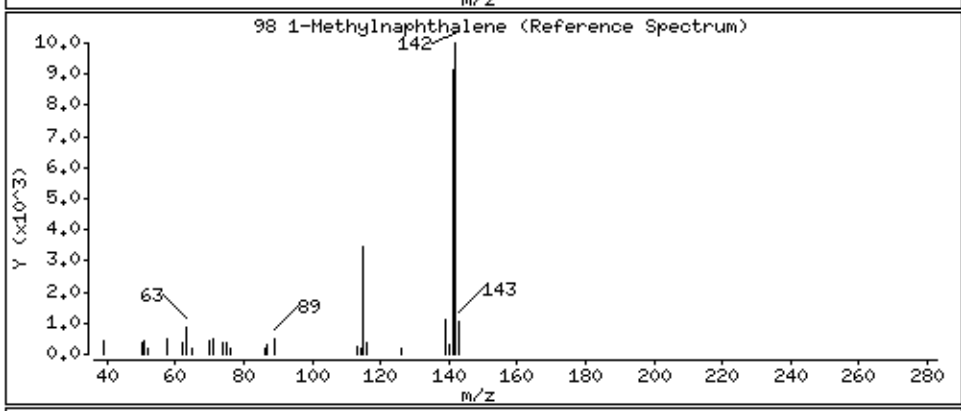
98 1-Methylnaphthalene

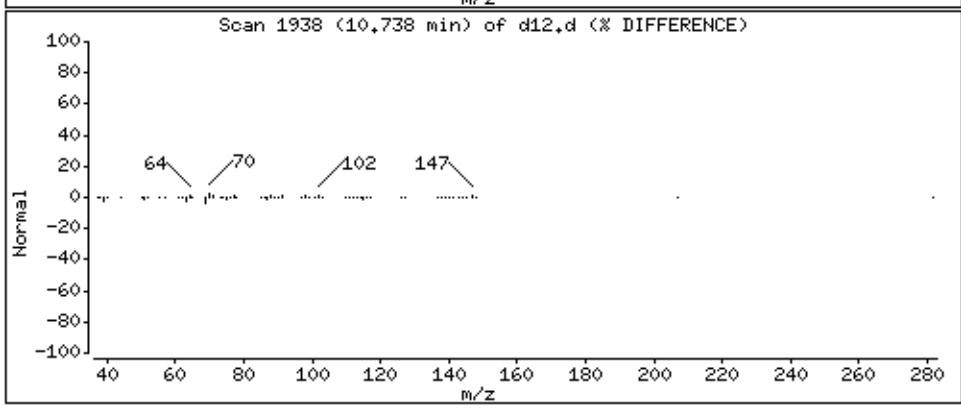
Concentration: 45.4 ppb

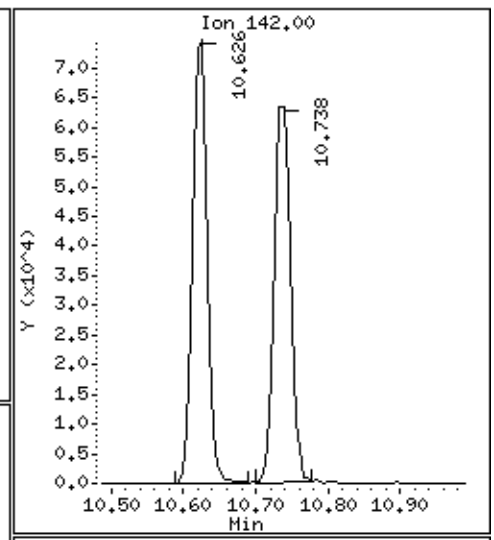
Review Code:

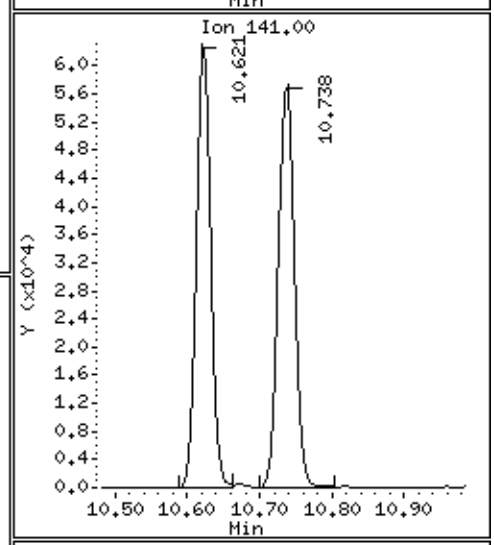


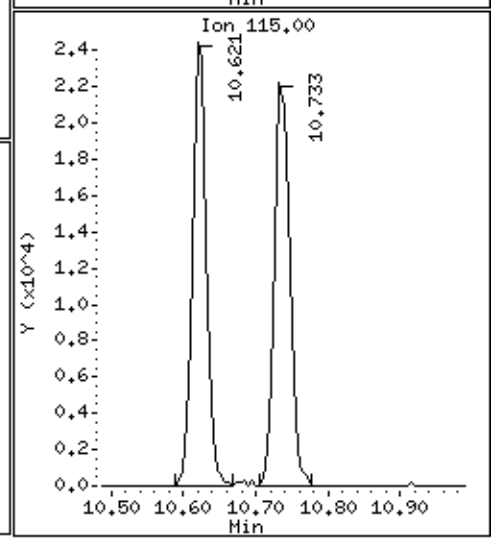












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

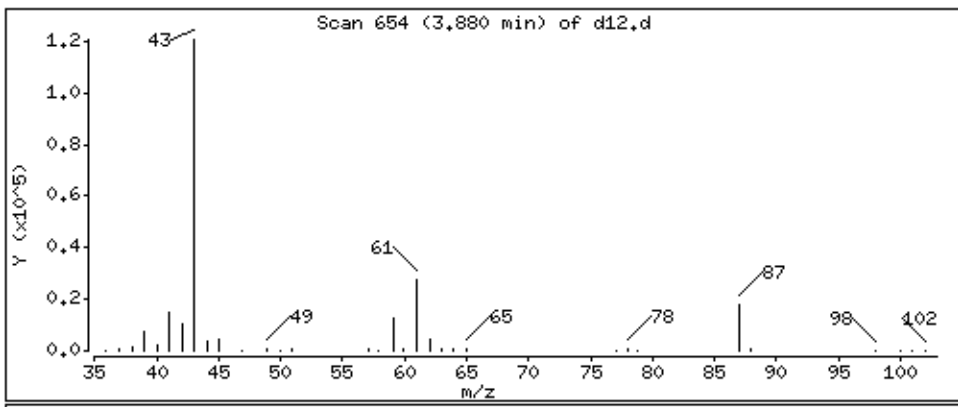
Column phase: DB-624

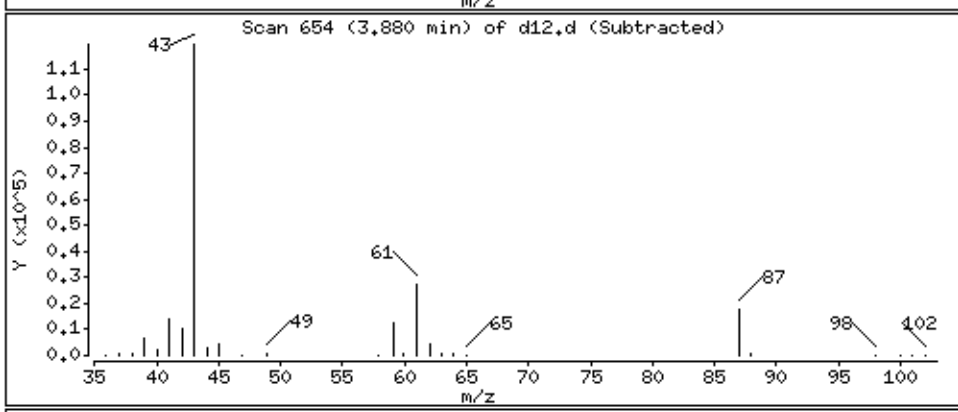
Column diameter: 0.18

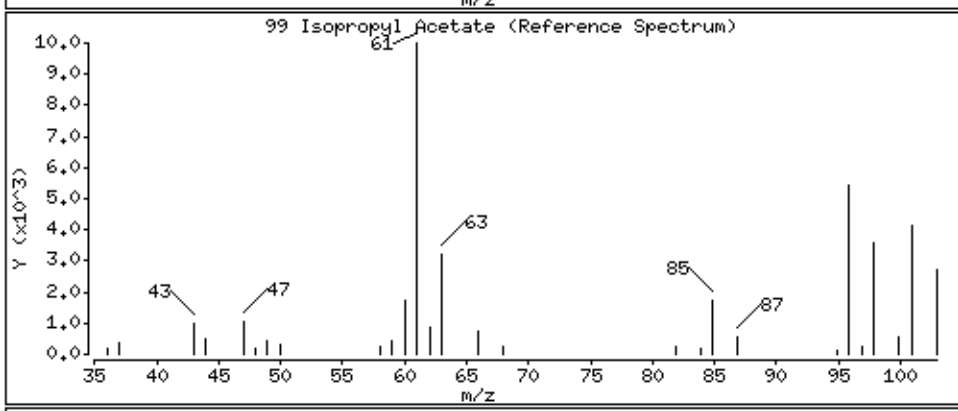
99 Isopropyl Acetate

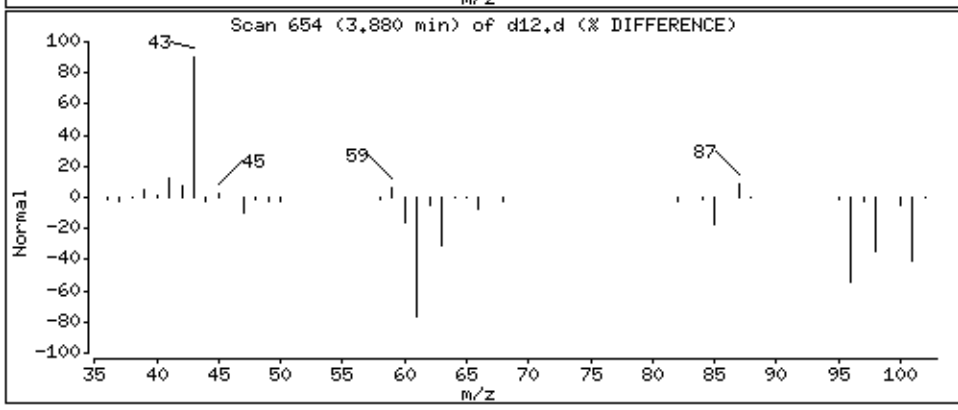
Concentration: 231 ppb

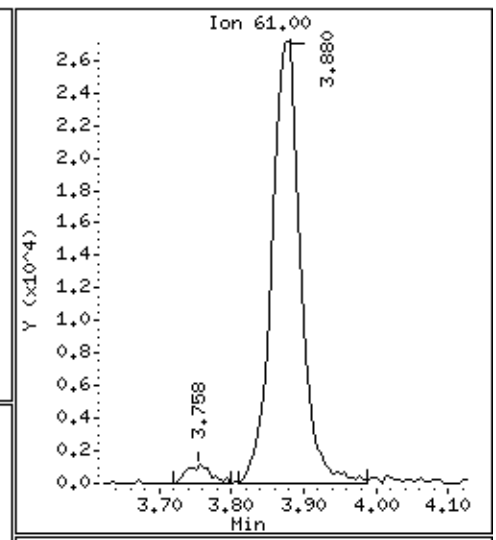
Review Code:

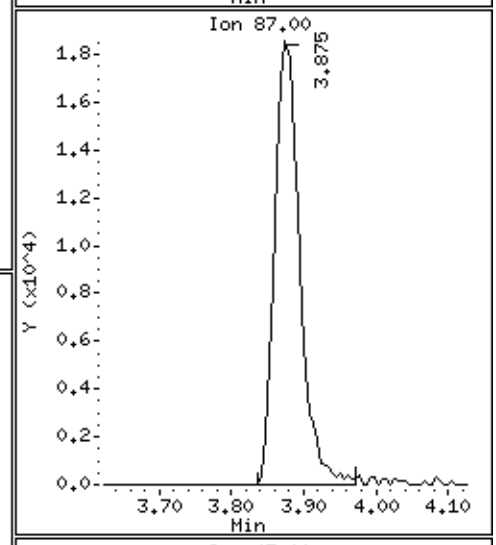


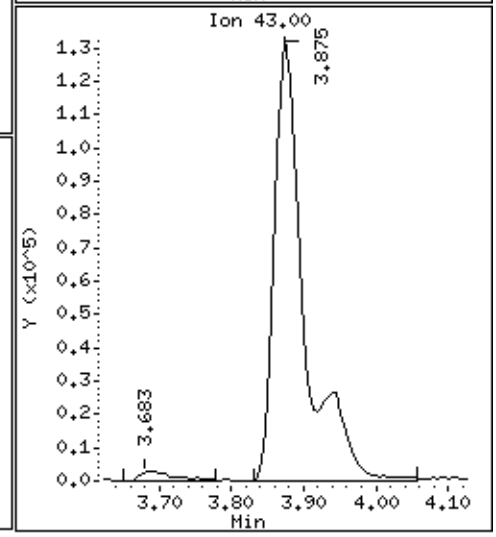












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d12.d

Date : 06-OCT-2017 04:32

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882370,159793:5

Purge Volume: 5.0

Operator: jlz

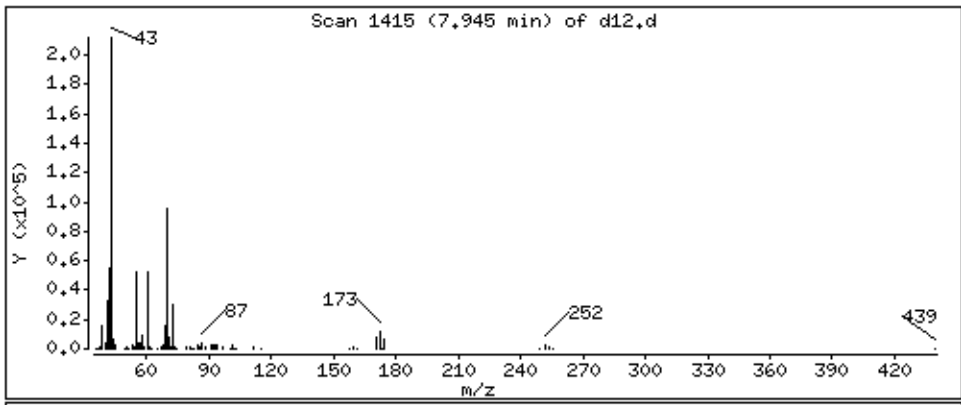
Column phase: DB-624

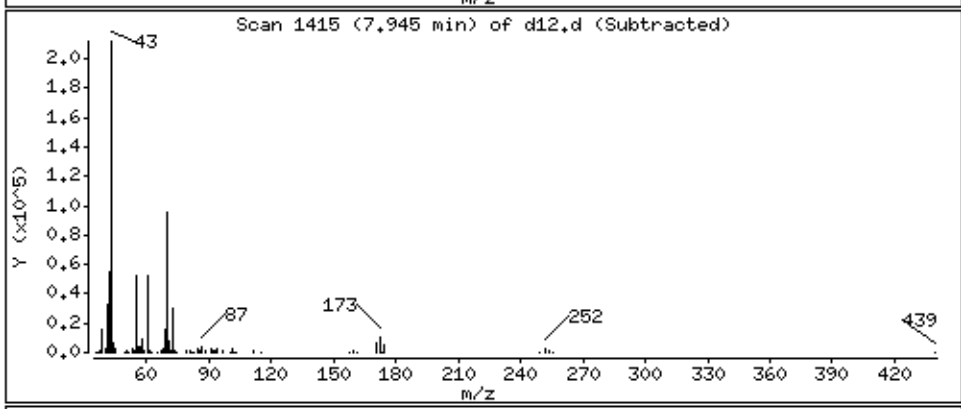
Column diameter: 0.18

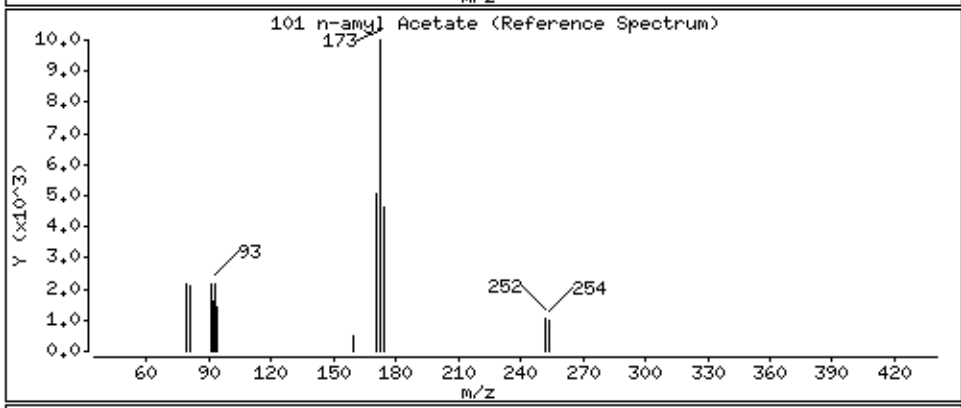
101 n-amyl Acetate

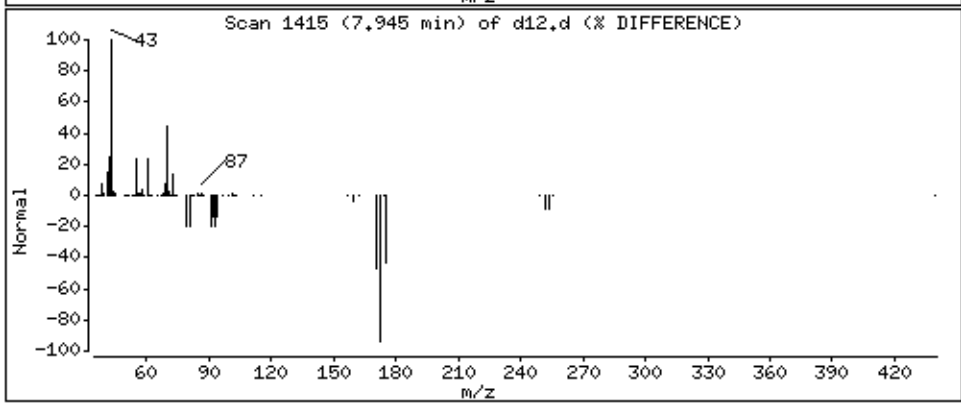
Concentration: 28.0 ppb

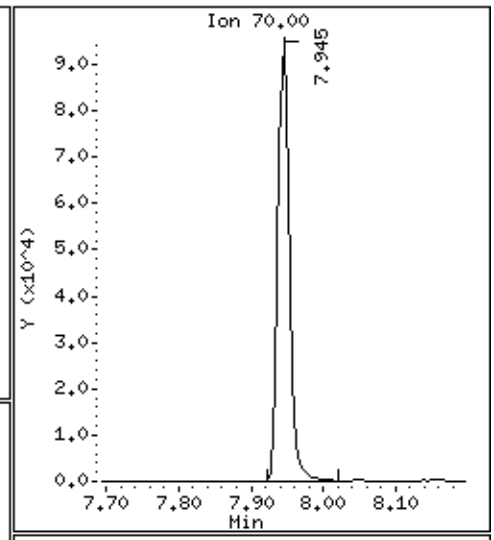
Review Code:

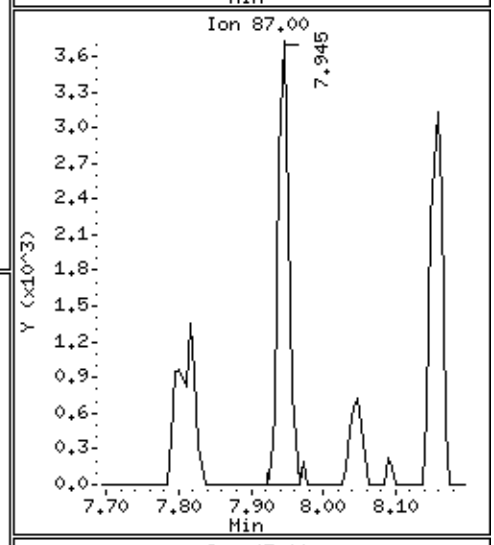


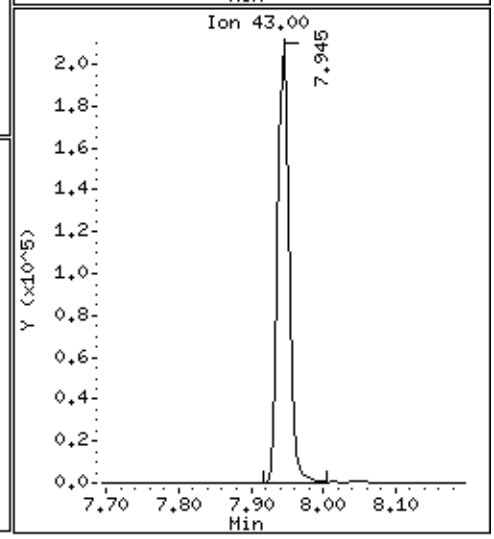












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d12.d
Injection Date: 06-OCT-2017 04:32
Instrument: 50mv3b.i
Lab Sample ID: 1882370
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MSD

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:03 Lab Sample ID: 1882371

Date Analyzed: 10/06/2017 05:03 Lab File ID: B100517.B\D13.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	270	
71-43-2	Benzene	41.5	
75-27-4	Bromodichloromethane	41.6	
75-25-2	Bromoform	42.9	
74-83-9	Bromomethane	50.2	
78-93-3	2-Butanone (MEK)	288	
75-15-0	Carbon disulfide	38.9	
56-23-5	Carbon tetrachloride	39.0	
108-90-7	Chlorobenzene	32.4	
75-00-3	Chloroethane	40.5	
67-66-3	Chloroform	40.8	
74-87-3	Chloromethane	44.0	
110-82-7	Cyclohexane	34.9	J
96-12-8	1,2-Dibromo-3-chloropropane	47.6	
124-48-1	Dibromochloromethane	44.1	
106-93-4	1,2-Dibromoethane (EDB)	46.4	
95-50-1	1,2-Dichlorobenzene	27.8	
541-73-1	1,3-Dichlorobenzene	22.9	
106-46-7	1,4-Dichlorobenzene	22.2	
75-71-8	Dichlorodifluoromethane	55.6	
75-34-3	1,1-Dichloroethane	41.2	
107-06-2	1,2-Dichloroethane	41.2	
75-35-4	1,1-Dichloroethene	43.7	
156-59-2	cis-1,2-Dichloroethene	44.0	
156-60-5	trans-1,2-Dichloroethene	41.5	
78-87-5	1,2-Dichloropropane	41.8	
10061-01-5	cis-1,3-Dichloropropene	38.6	
10061-02-6	trans-1,3-Dichloropropene	38.9	
100-41-4	Ethylbenzene	26.0	
591-78-6	2-Hexanone	251	
98-82-8	Isopropylbenzene (Cumene)	22.6	
79-20-9	Methyl acetate	74.2	
108-87-2	Methylcyclohexane	33.1	J
75-09-2	Methylene Chloride	53.7	
108-10-1	4-Methyl-2-pentanone (MIBK)	236	
1634-04-4	Methyl-tert-butyl ether	45.8	
100-42-5	Styrene	26.8	

SAMPLE NO.

MSD

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/06/2017 05:03 Lab Sample ID: 1882371

Date Analyzed: 10/06/2017 05:03 Lab File ID: B100517.B\D13.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	42.2	
127-18-4	Tetrachloroethene	29.2	
108-88-3	Toluene	33.4	
120-82-1	1,2,4-Trichlorobenzene	22.3	
71-55-6	1,1,1-Trichloroethane	38.3	
79-00-5	1,1,2-Trichloroethane	43.8	
79-01-6	Trichloroethene	35.8	
75-69-4	Trichlorofluoromethane	49.3	
76-13-1	1,1,2-Trichlorotrifluoroethane	44.8	
75-01-4	Vinyl chloride	46.4	
1330-20-7	Xylene (Total)	75.9	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d
Lab Smp Id: 1882371 Client Smp ID: MW-0501-S1 (092717)
Inj Date : 06-OCT-2017 05:03
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1882371,159793:5
Misc Info : 107333
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b100517.b\-b8260_a_c.m
Meth Date : 06-Oct-2017 12:45 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 74 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.919	0.916	(0.221)	125765	55.6476	55.6	
2	Chloromethane	50	0.999	0.996	(0.240)	121060	44.0112	44.0	
3	Vinyl Chloride	62	1.047	1.044	(0.252)	129970	46.3705	46.4	
4	Bromomethane	94	1.191	1.189	(0.286)	61232	50.1760	50.2	
5	Chloroethane	64	1.234	1.237	(0.297)	70659	40.5117	40.5	
6	Trichlorofluoromethane	101	1.352	1.349	(0.325)	152530	49.2947	49.3	
7	Diethyl ether	74	1.474	1.472	(0.354)	42246	49.8770	49.9	
8	1,2-dichlorotrifluoroethane	67	1.490	1.488	(0.358)	112119	41.0756	41.1	
9	Acrolein	56	1.544	1.541	(0.371)	154437	1046.25	1050	
10	1,1,2trichlorotrifluoroethane	101	1.597	1.600	(0.384)	99736	44.8152	44.8	
11	1,1-Dichloroethene	96	1.603	1.600	(0.385)	77557	43.6717	43.7	
12	Acetone	43	1.608	1.611	(0.387)	72506	270.018	270	
13	Iodomethane	142	1.688	1.685	(0.406)	207371	103.426	103	
14	Carbon Disulfide	76	1.736	1.733	(0.417)	248285	38.8740	38.9	
15	Methyl Acetate	43	1.779	1.782	(0.428)	52548	74.1915	74.2	
16	allyl chloride	41	1.795	1.792	(0.431)	243579	88.0924	88.1	
17	Acetonitrile	39	1.795	1.792	(0.431)	160598	38.8678	38.9	
18	Methylene Chloride	84	1.870	1.867	(0.449)	88465	53.7086	53.7	
19	tert-Butyl Alcohol	59	1.907	1.910	(0.458)	9462	82.5593	82.6(Q)	
20	Acrylonitrile	53	2.003	2.000	(0.481)	59046	193.645	194	
21	Methyl-tert-butyl ether	73	2.030	2.027	(0.488)	176693	45.8275	45.8	
22	1,2-Dichloroethene (trans)	96	2.046	2.043	(0.492)	81111	41.5096	41.5	
23	n-Hexane	57	2.227	2.225	(0.535)	144286	38.1981	38.2	

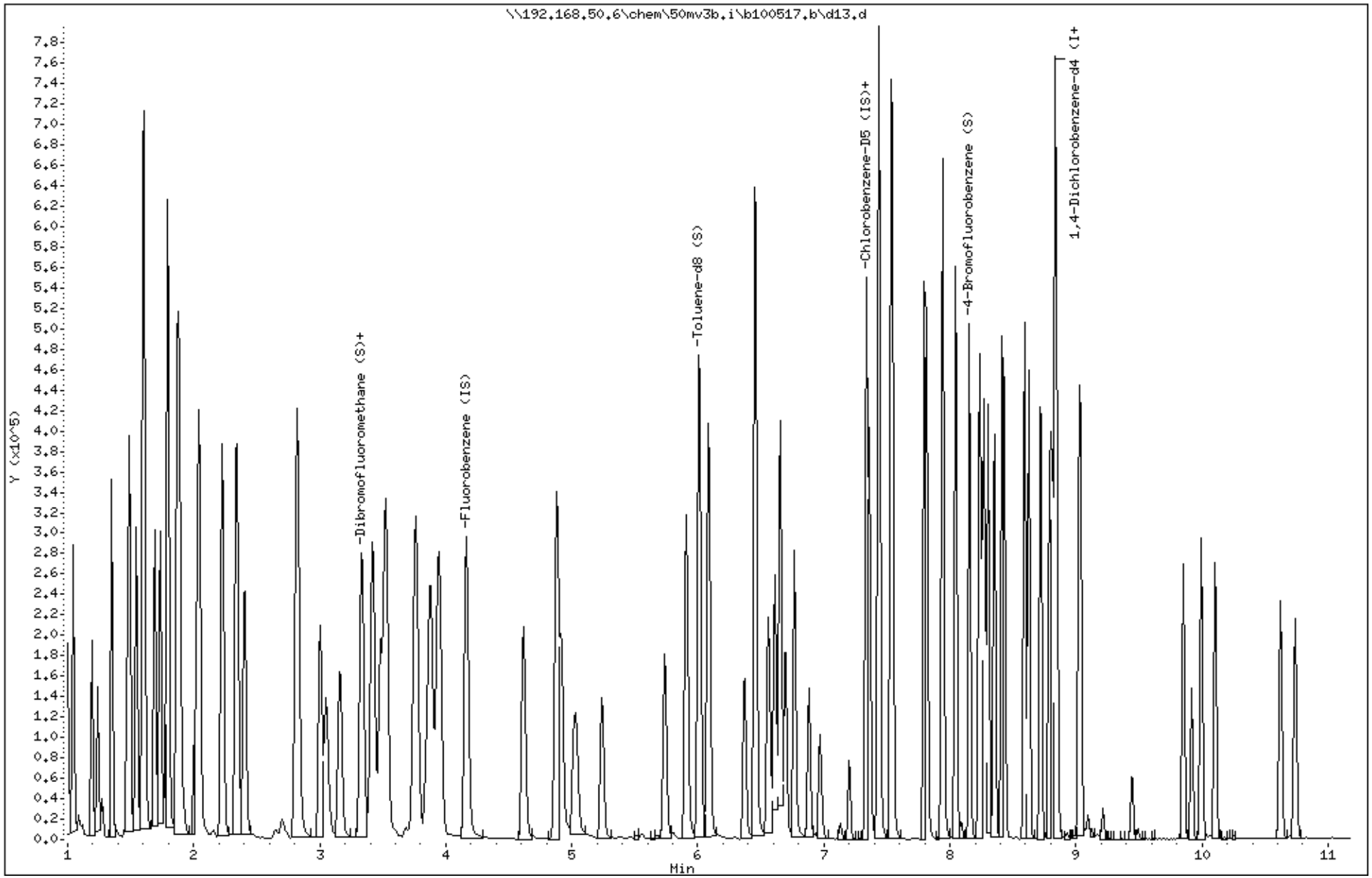
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ppb)	REVIEW C
	24 Vinyl Acetate	43	2.334	2.332	(0.561)	301279	129.800	130(R)	
	25 1,1-Dichloroethane	63	2.345	2.342	(0.564)	140785	41.2177	41.2	
	26 Chloroprene	53	2.404	2.401	(0.578)	121519	36.2977	36.3	
	27 2-Butanone	72	2.799	2.796	(0.673)	24827	287.753	288(Q)	
	28 1,2-Dichloroethene (cis)	96	2.815	2.818	(0.677)	90273	43.9745	44.0(Q)	
	29 2,2-Dichloropropane	77	2.826	2.823	(0.679)	115491	36.4949	36.5	
	31 Methacrylonitrile	41	3.002	3.005	(0.721)	111366	207.905	208	
	32 Bromochloromethane	49	3.050	3.047	(0.733)	52583	43.4402	43.4	
	33 Tetrahydrofuran	42	3.071	3.069	(0.738)	10968	41.5569	41.6	
	34 Chloroform	83	3.157	3.160	(0.759)	133890	40.7695	40.8	
$	35 Dibromofluoromethane (S)	113	3.333	3.330	(0.801)	68640	47.5024	47.5	
	36 1,1,1-Trichloroethane	97	3.333	3.330	(0.801)	127025	38.3203	38.3	
	37 Cyclohexane	56	3.419	3.416	(0.822)	145587	34.9409	34.9(R)	
	151 n-Butyl chloride	56	3.483	3.480	(0.837)	160456	37.3526	37.4	
	38 Carbon Tetrachloride	117	3.515	3.512	(0.845)	110750	39.0088	39.0	
	39 1,1-Dichloropropene	75	3.525	3.523	(0.847)	107261	37.3132	37.3(R)	
	40 Benzene	78	3.766	3.763	(0.905)	303491	41.4674	41.5	
	41 1,2-Dichloroethane	62	3.851	3.849	(0.926)	77107	41.2153	41.2	
	42 Isobutyl alcohol	43	3.878	3.875	(0.932)	356859	45.5829	45.6	
	43 2,2,4-Trimethylpentane	57	3.942	3.939	(0.947)	341981	39.8711	39.9	
*	44 Fluorobenzene (IS)	96	4.161	4.164	(1.000)	300052	50.0000		
	45 Trichloroethene	95	4.615	4.612	(1.109)	72386	35.8209	35.8(R)	
	46 Methylcyclohexane	55	4.882	4.879	(1.173)	108387	33.0512	33.0(R)	
	47 1,2-Dichloropropane	63	4.919	4.917	(1.182)	72321	41.8397	41.8	
	48 Methyl methacrylate	69	5.032	5.034	(1.209)	33988	49.7412	49.7	
	49 Dibromomethane	93	5.010	5.018	(1.204)	33764	45.8871	45.9	
	50 1,4-Dioxane	88	5.026	5.024	(1.208)	10145	1052.06	1050	
	51 Bromodichloromethane	83	5.240	5.237	(1.259)	90165	41.5936	41.6	
	53 cis-1,3-Dichloropropene	75	5.737	5.734	(0.782)	97369	38.6483	38.6(R)	
	54 4-Methyl-2-Pentanone	43	5.907	5.910	(0.806)	200869	235.654	236	
$	55 Toluene-d8 (S)	98	6.009	6.012	(0.819)	293104	50.0105	50.0	
	56 Toluene	91	6.084	6.081	(0.830)	280539	33.4454	33.4(R)	
	57 trans-1,3-Dichloropropene	75	6.367	6.369	(0.868)	77951	38.9469	38.9	
	58 Ethyl Methacrylate	69	6.452	6.455	(0.880)	279362	186.173	186	
	59 1,1,2-Trichloroethane	83	6.554	6.556	(0.894)	42723	43.7773	43.8	
	60 Tetrachloroethene	166	6.607	6.610	(0.901)	63675	29.2153	29.2(R)	
	61 1,3-Dichloropropane	76	6.698	6.695	(0.913)	86332	46.5123	46.5	
	62 2-Hexanone	43	6.767	6.765	(0.923)	138507	250.839	251	
	63 Dibromochloromethane	129	6.880	6.882	(0.938)	59876	44.0959	44.1	
	64 1,2-Dibromoethane	107	6.965	6.962	(0.950)	48434	46.3720	46.4	
*	65 Chlorobenzene-D5 (IS)	117	7.334	7.336	(1.000)	222034	50.0000		
	66 Chlorobenzene	112	7.360	7.358	(1.004)	161238	32.3996	32.4(R)	
	67 1,1,1,2-Tetrachloroethane	131	7.435	7.438	(1.014)	66351	39.2888	39.3(R)	
	68 Ethylbenzene	106	7.440	7.443	(1.015)	88223	25.9809	26.0(R)	
	69 m&p-Xylene	106	7.536	7.539	(1.028)	198712	48.3819	48.4(R)	
	70 o-Xylene	106	7.798	7.801	(1.063)	103364	27.5480	27.5(R)	
	71 Styrene	104	7.814	7.817	(1.066)	170240	26.7701	26.8(R)	
	72 Bromoform	173	7.937	7.934	(0.898)	33728	42.8635	42.9	
	73 Isopropylbenzene	105	8.044	8.047	(1.097)	240610	22.6341	22.6(R)	
$	74 4-Bromofluorobenzene (S)	95	8.156	8.153	(1.112)	103561	47.0297	47.0	
	75 Bromobenzene	77	8.236	8.234	(1.123)	91157	28.2498	28.2(R)	
	76 1,1,2,2-Tetrachloroethane	83	8.247	8.250	(0.934)	55517	42.2235	42.2	
	77 trans-1,4-Dichloro-2-butene	53	8.268	8.266	(1.127)	42498	135.962	136(Q)	
	78 1,2,3-Trichloropropane	110	8.274	8.276	(0.937)	18413	47.8793	47.9(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	n-Propylbenzene	91	8.306	8.303	(0.940)	219515	17.2401	17.2(R)	
80	2-Chlorotoluene	91	8.354	8.351	(0.946)	147511	20.5061	20.5(R)	
81	1,3,5-Trimethylbenzene	105	8.412	8.415	(0.952)	167113	18.7995	18.8(R)	
82	4-Chlorotoluene	126	8.428	8.426	(0.954)	48627	20.9430	20.9(R)	
83	tert-Butylbenzene	119	8.594	8.591	(0.973)	157717	15.2883	15.3(R)	
84	1,2,4-Trimethylbenzene	105	8.626	8.629	(0.976)	167584	18.5488	18.5(R)	
85	sec-Butylbenzene	105	8.717	8.720	(0.987)	195290	15.3731	15.4(R)	
86	1,3-Dichlorobenzene	146	8.786	8.789	(0.995)	99783	22.9123	22.9(R)	
87	p-Isopropyltoluene	119	8.808	8.805	(0.997)	143622	13.9423	13.9(R)	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.832	(1.000)	116291	50.0000		
89	1,4-Dichlorobenzene	146	8.845	8.848	(1.001)	98391	22.1576	22.2(R)	
90	n-Butylbenzene	91	9.027	9.024	(1.022)	103992	10.8585	10.8(R)	
91	1,2-Dichlorobenzene	146	9.037	9.040	(1.023)	103117	27.8463	27.8(R)	
92	1,2-Dibromo-3-chloropropane	155	9.449	9.446	(1.070)	9730	47.6392	47.6	
93	1,2,4-Trichlorobenzene	180	9.849	9.852	(1.115)	62074	22.2733	22.3(R)	
94	Hexachlorobutadiene	225	9.919	9.916	(1.123)	19745	9.47098	9.47(R)	
95	Naphthalene	128	9.993	9.991	(1.131)	179424	37.7866	37.8	
96	1,2,3-Trichlorobenzene	180	10.106	10.108	(1.144)	63242	27.1745	27.2(R)	
97	2,methyl-naphthalene	142	10.624	10.621	(1.203)	102035	37.6377	37.6	
98	1-Methylnaphthalene	142	10.736	10.738	(1.215)	92355	43.9873	44.0	
99	Isopropyl Acetate	61	3.878	3.875	(0.932)	73517	234.772	235	
100	Ethyl Acetate	88	2.836	2.824	(0.682)	1072	37.4959	37.5(Q)	
101	n-amyl Acetate	70	7.942	7.945	(1.909)	90829	26.5895	26.6	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d
Date : 06-OCT-2017 05:03
Client ID: MW-0501-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 1882371,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

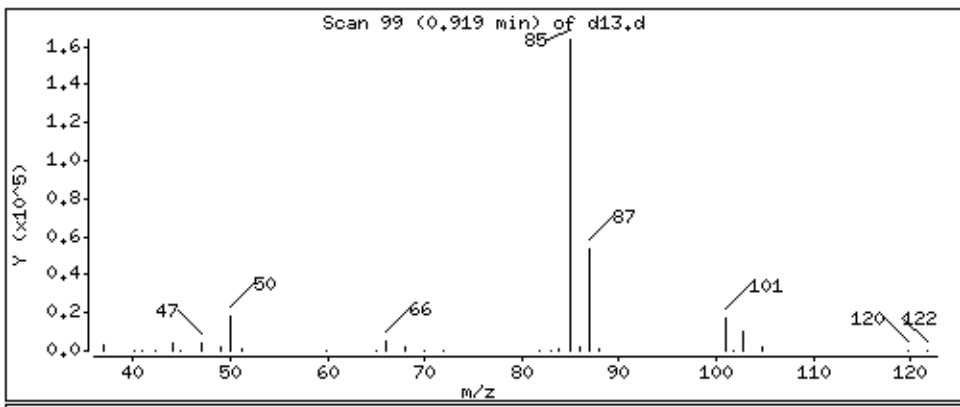
Column phase: DB-624

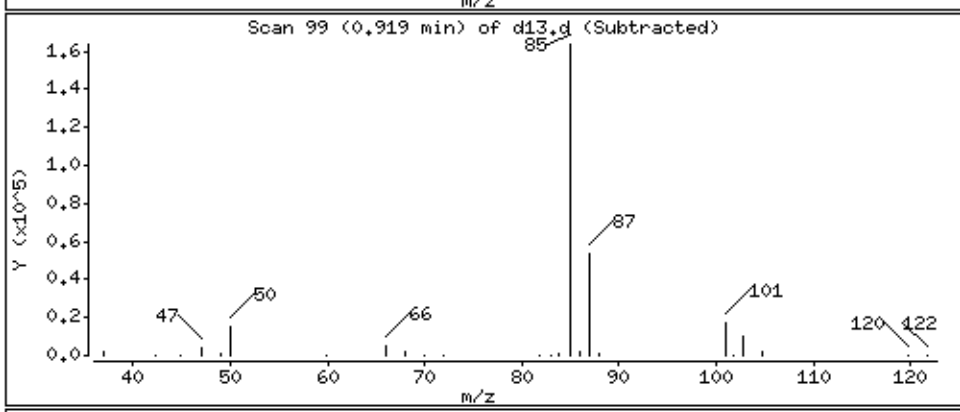
Column diameter: 0.18

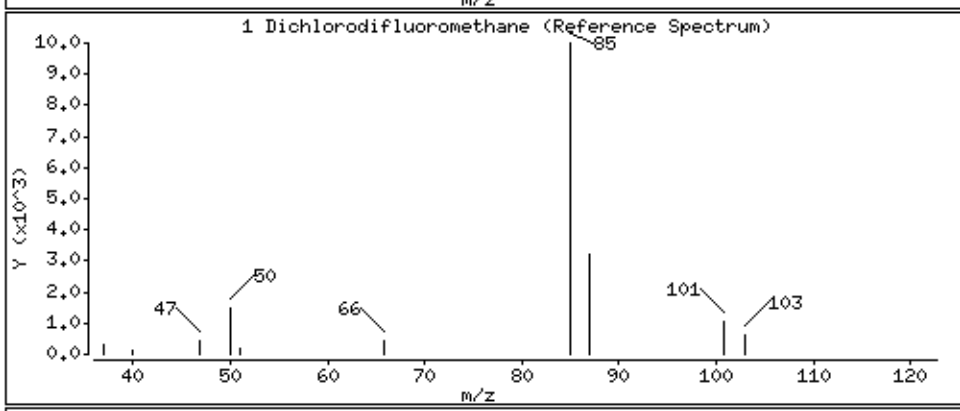
1 Dichlorodifluoromethane

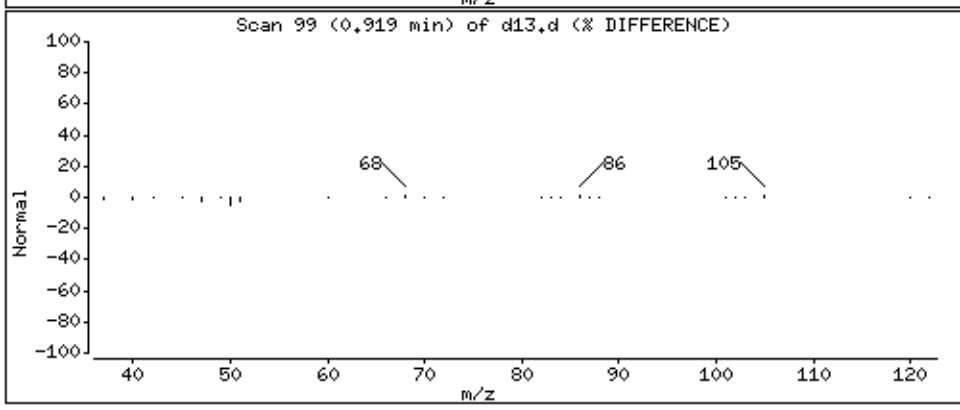
Concentration: 55.6 ppb

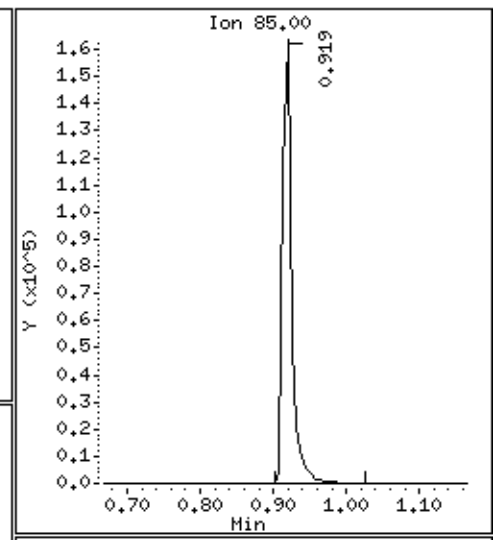
Review Code:

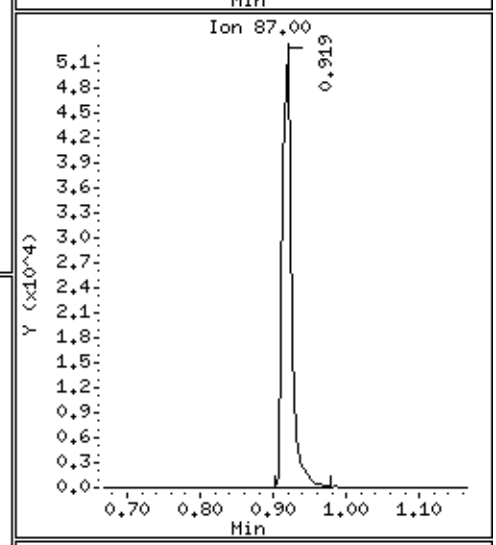


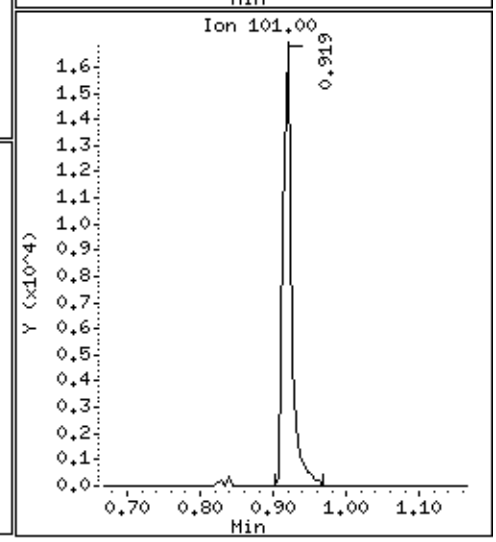












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

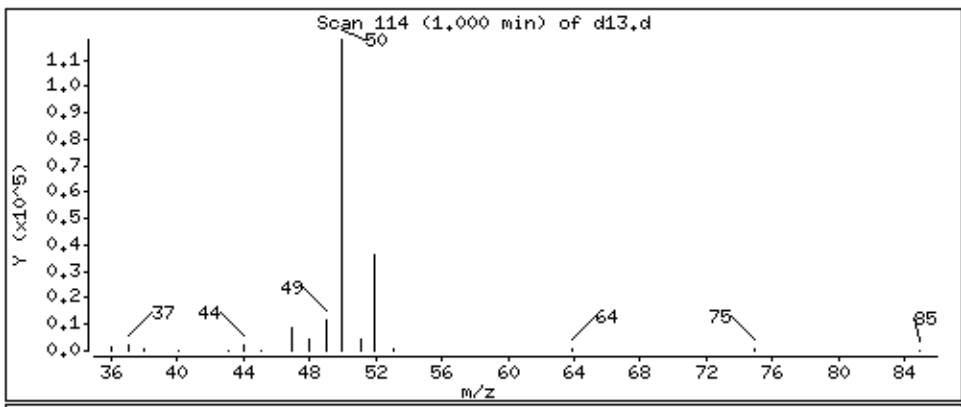
Column phase: DB-624

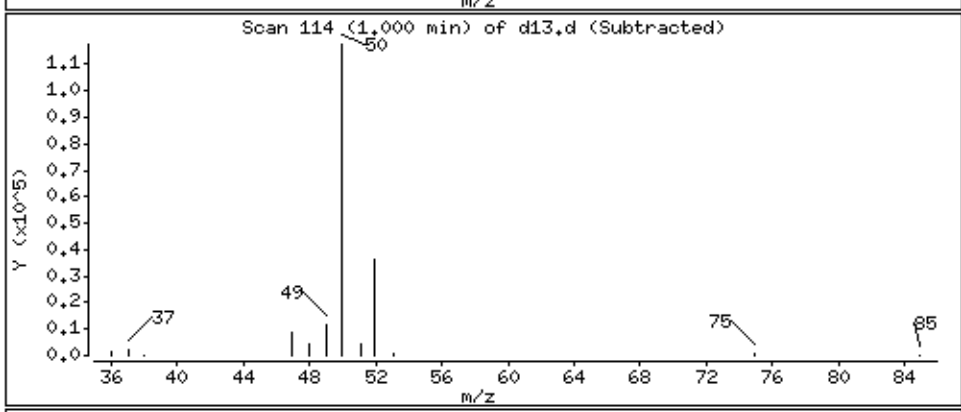
Column diameter: 0.18

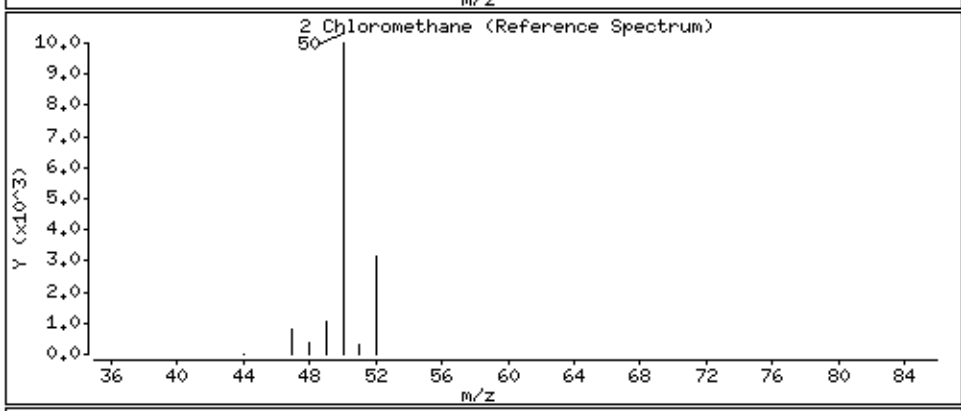
2 Chloromethane

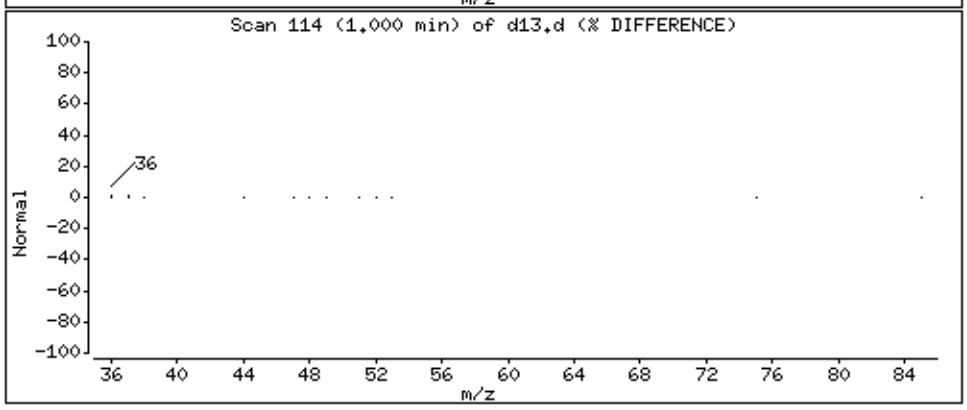
Concentration: 44.0 ppb

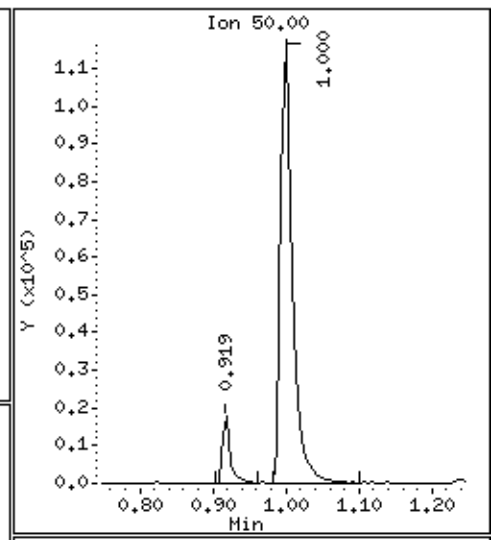
Review Code:

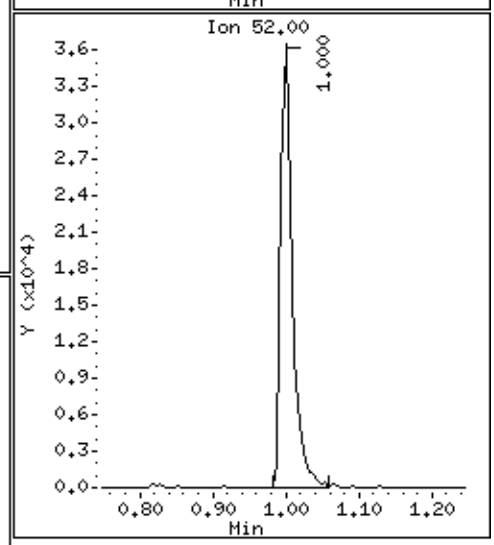












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

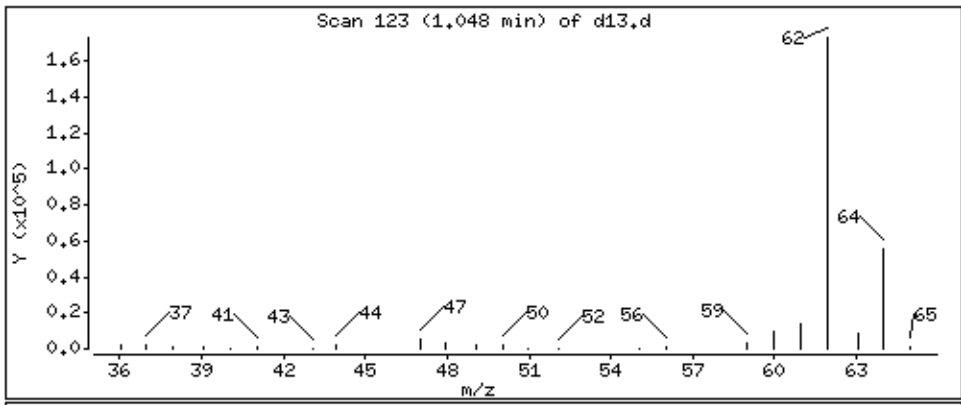
Column phase: DB-624

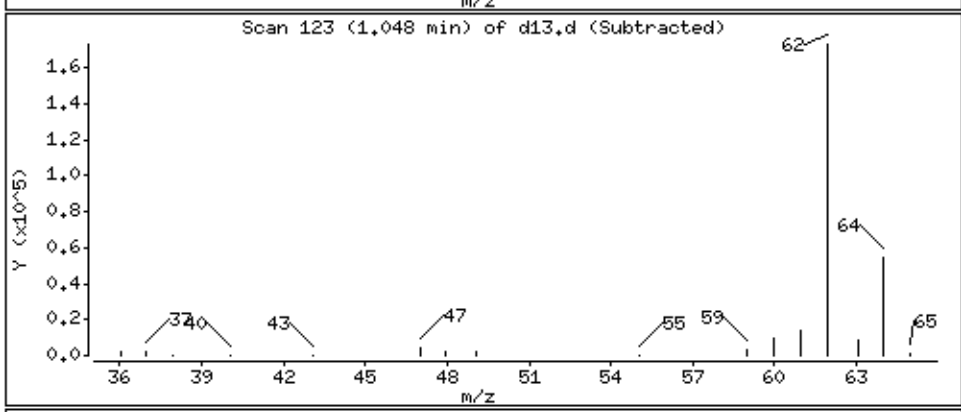
Column diameter: 0.18

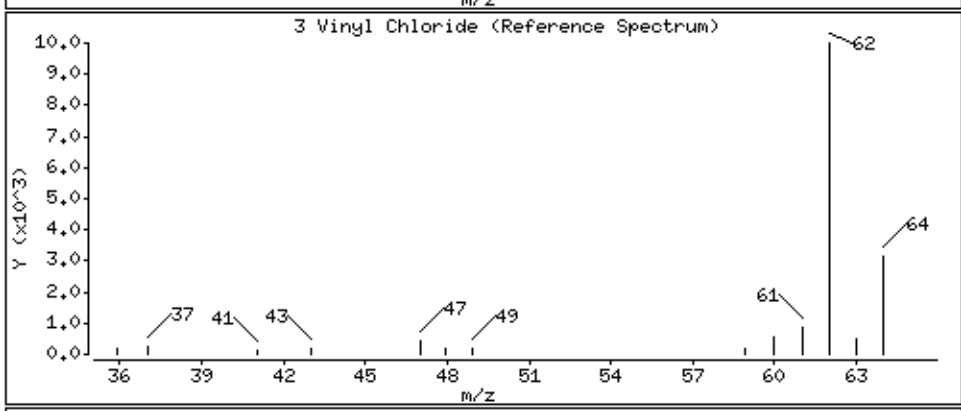
3 Vinyl Chloride

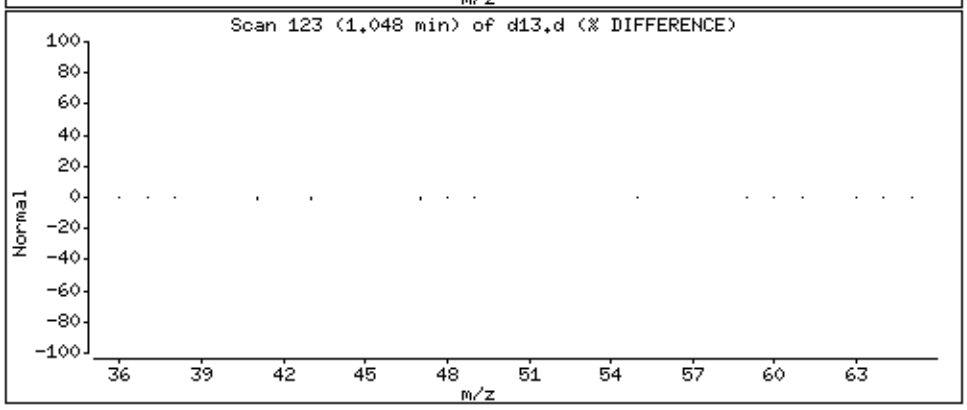
Concentration: 46.4 ppb

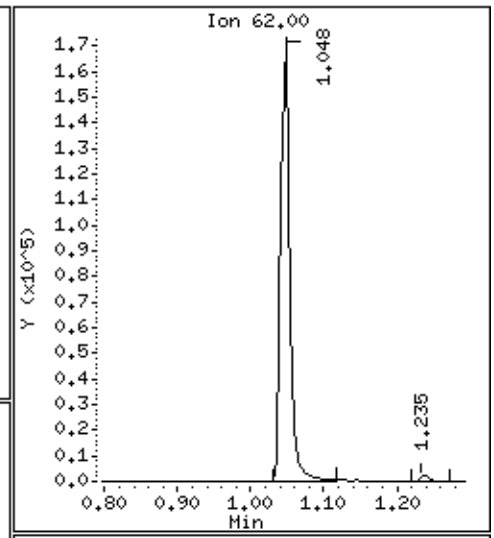
Review Code:

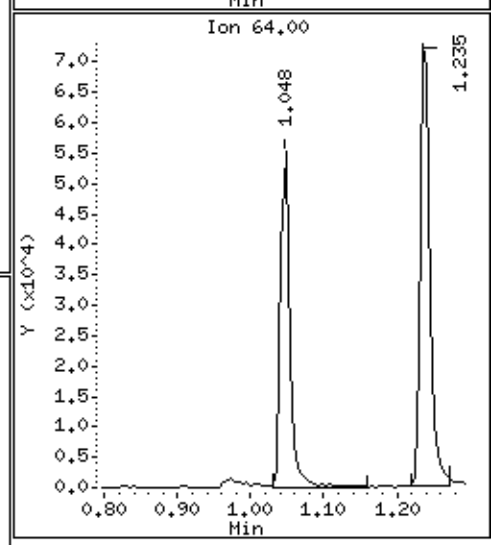












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

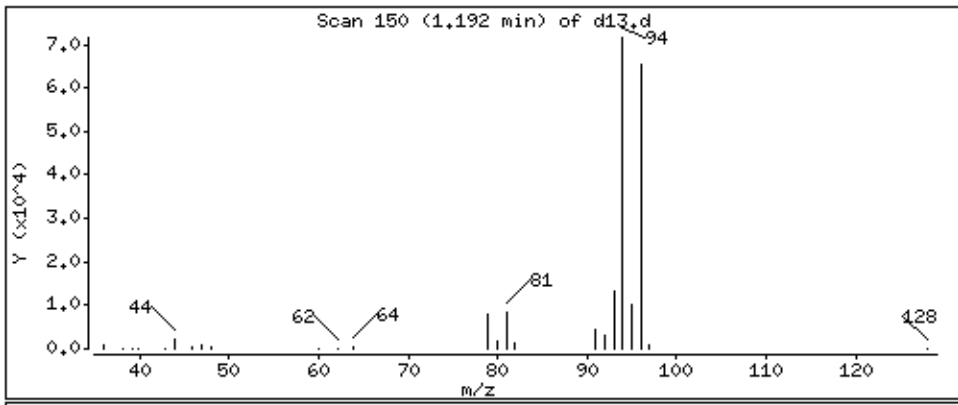
Column phase: DB-624

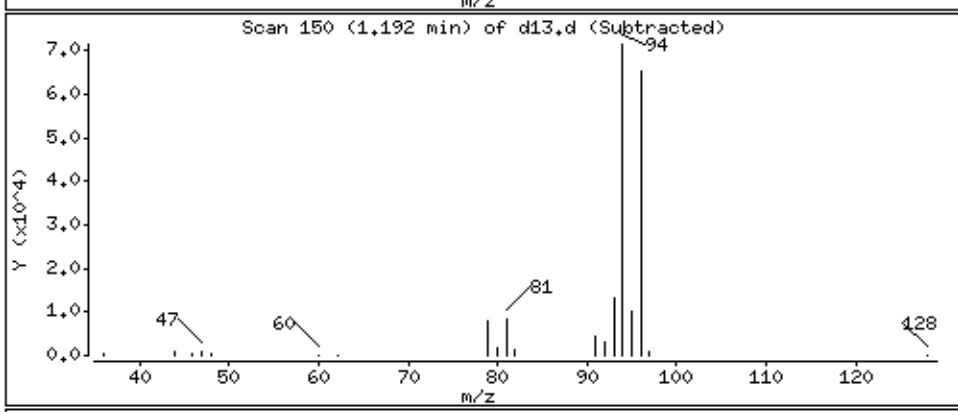
Column diameter: 0.18

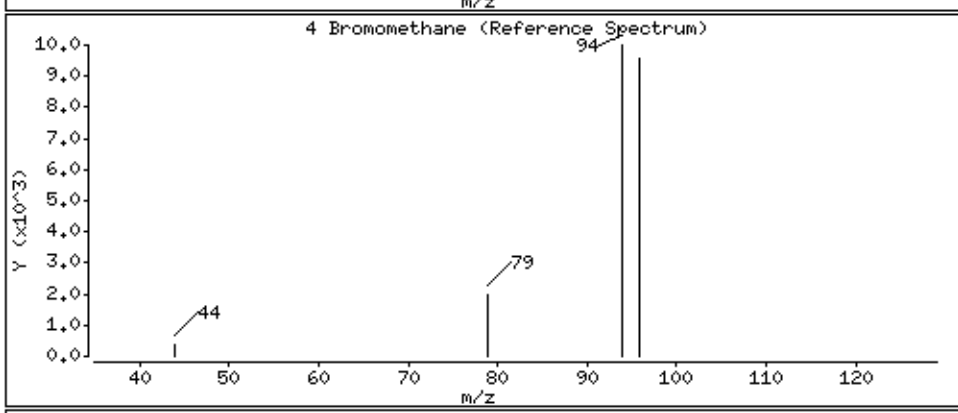
4 Bromomethane

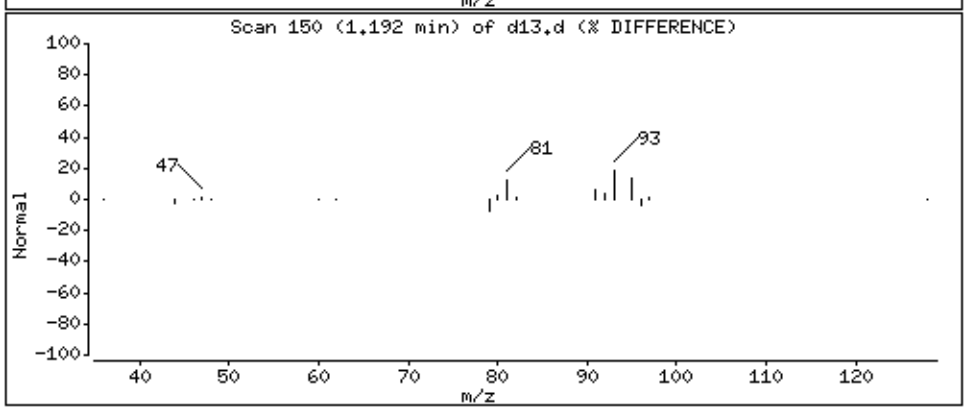
Concentration: 50.2 ppb

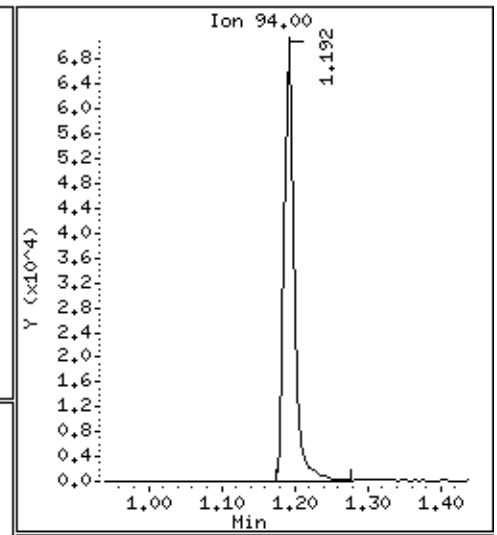
Review Code:

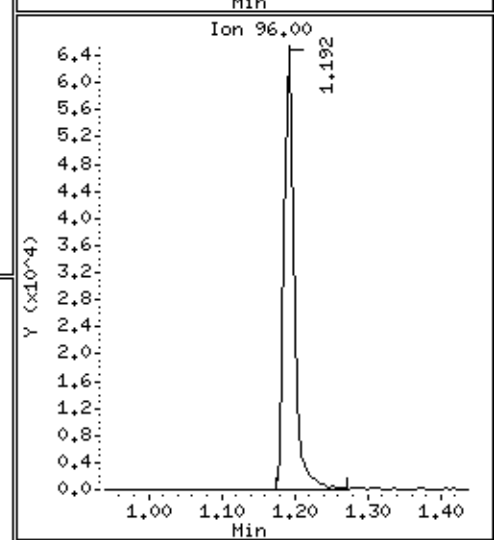












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

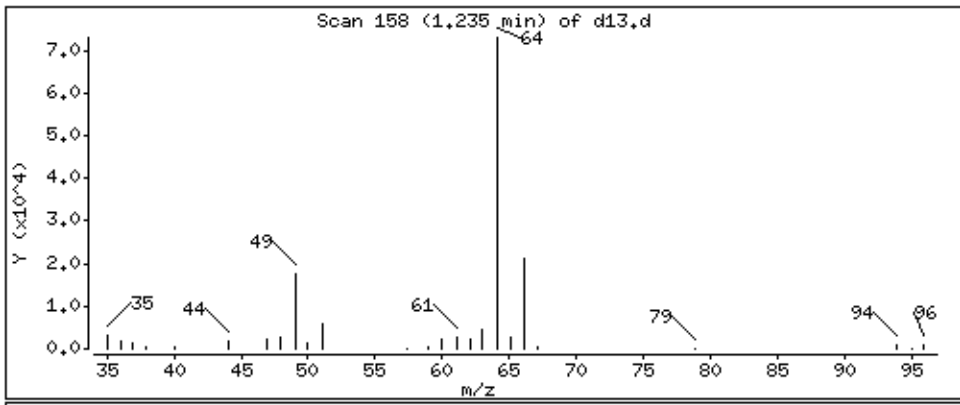
Column phase: DB-624

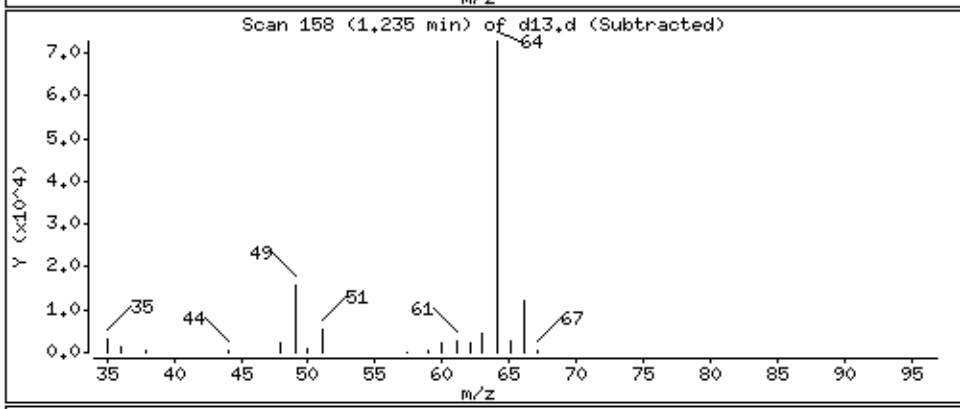
Column diameter: 0.18

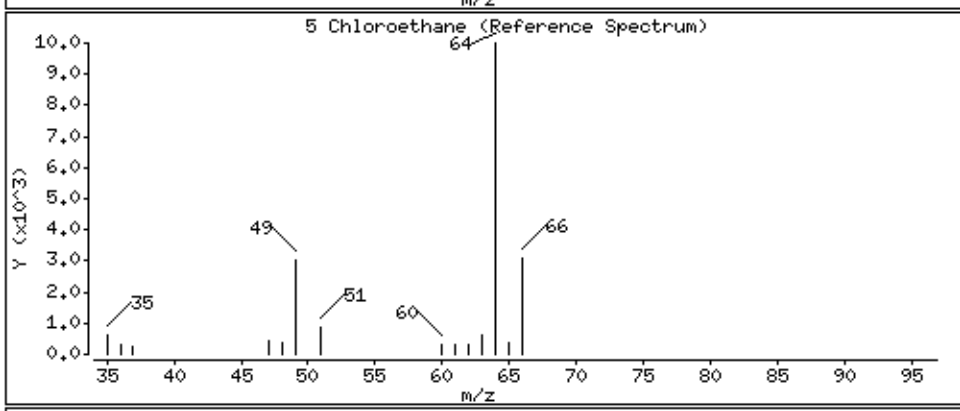
5 Chloroethane

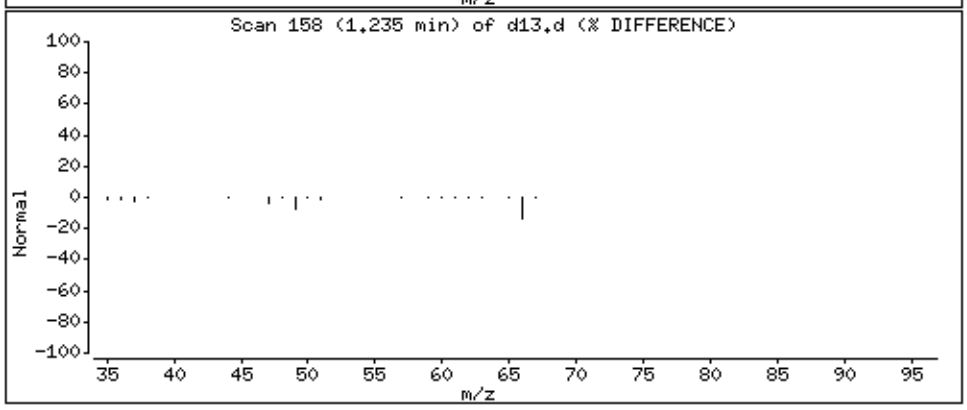
Concentration: 40.5 ppb

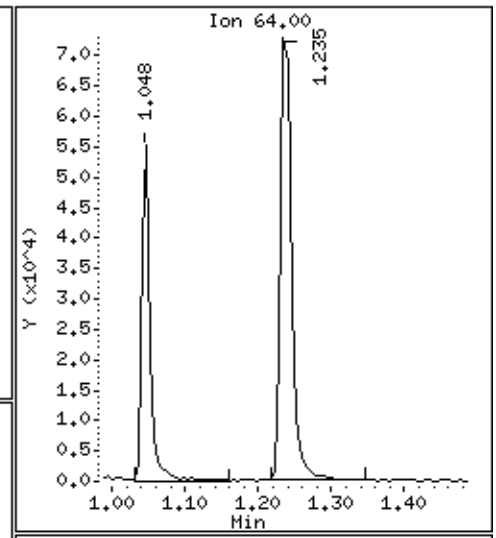
Review Code:

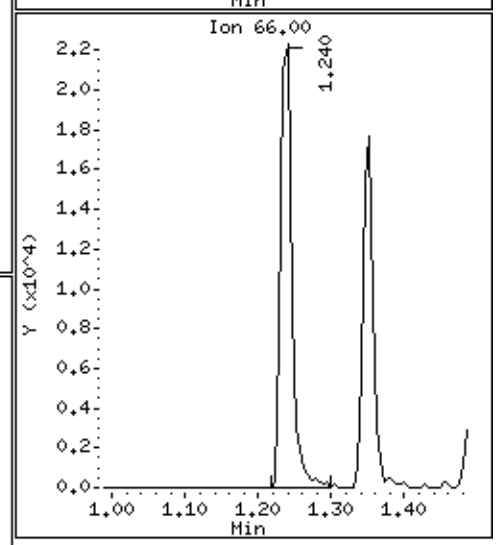












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

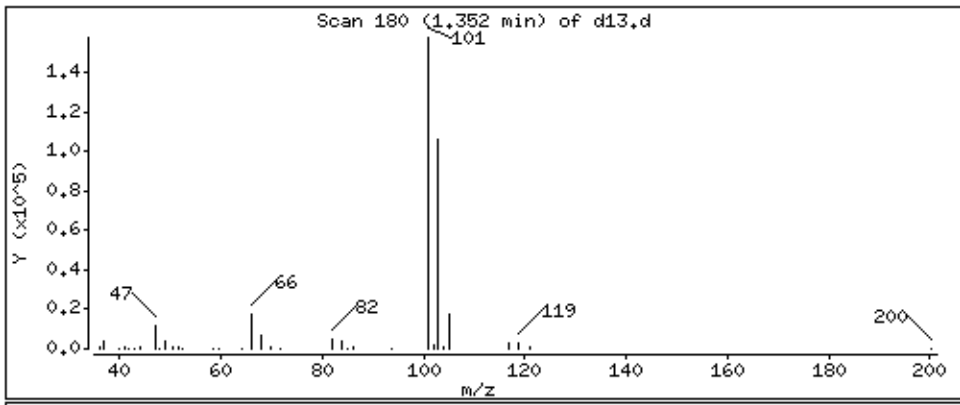
Column phase: DB-624

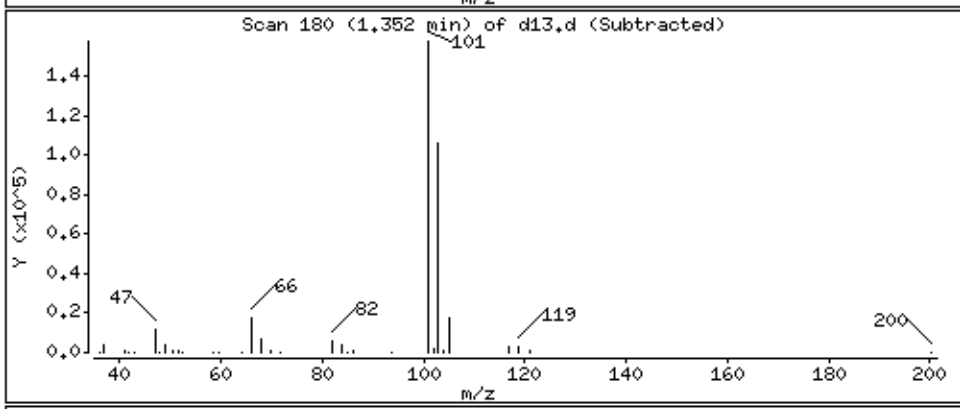
Column diameter: 0.18

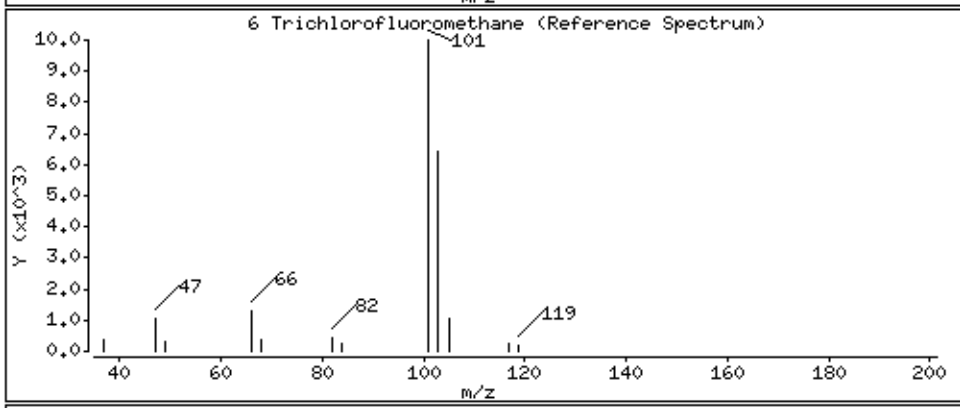
6 Trichlorofluoromethane

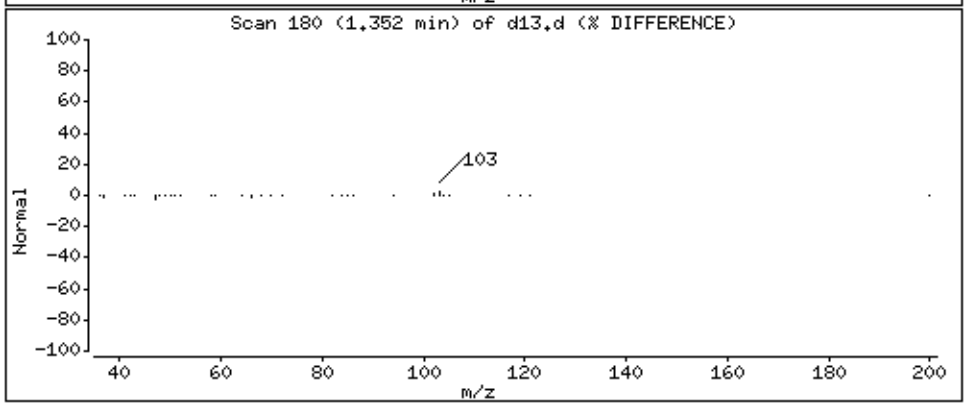
Concentration: 49.3 ppb

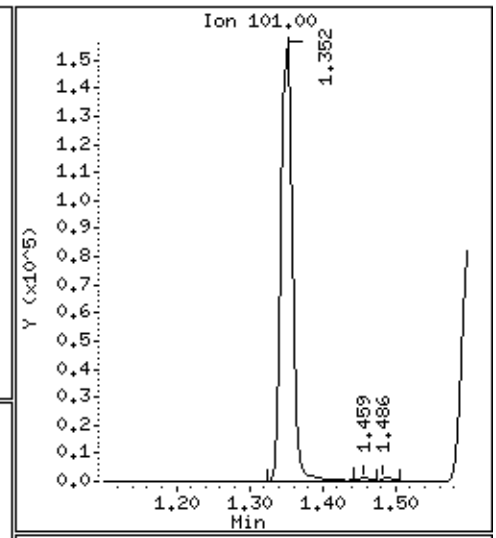
Review Code:

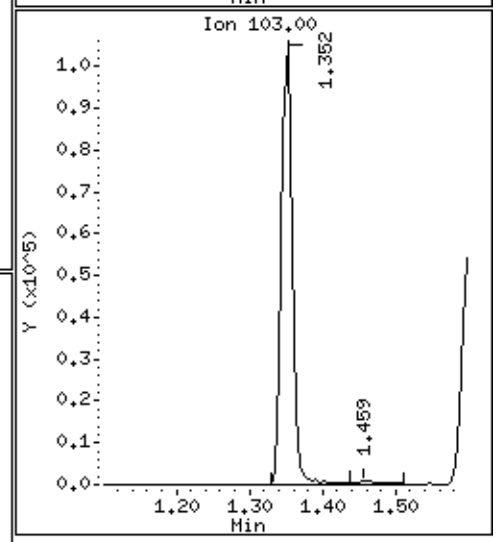












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

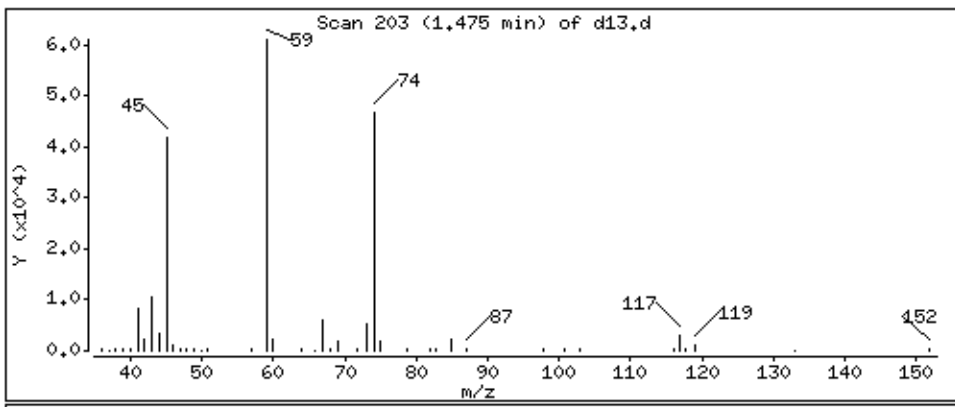
Column phase: DB-624

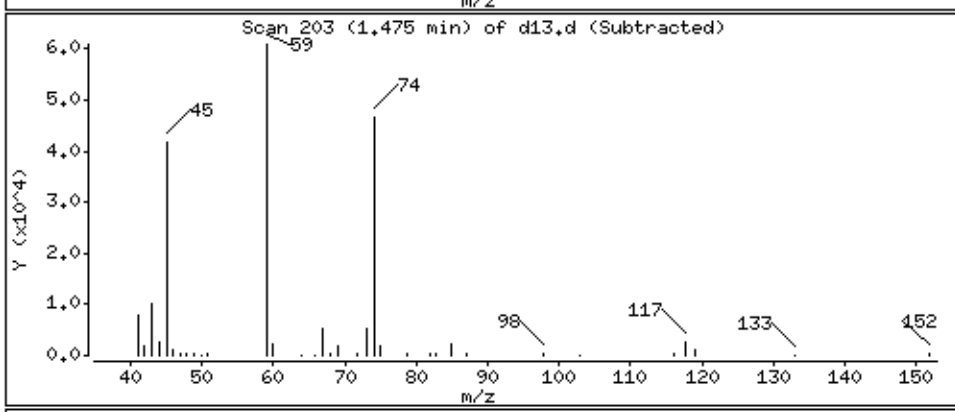
Column diameter: 0.18

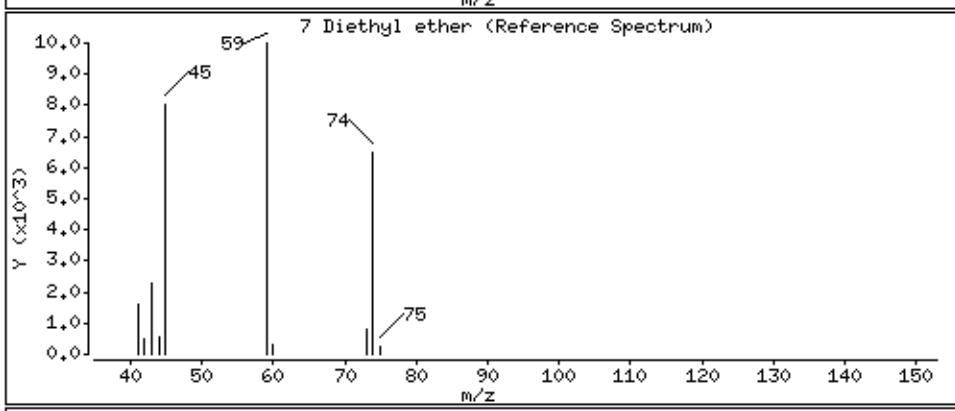
7 Diethyl ether

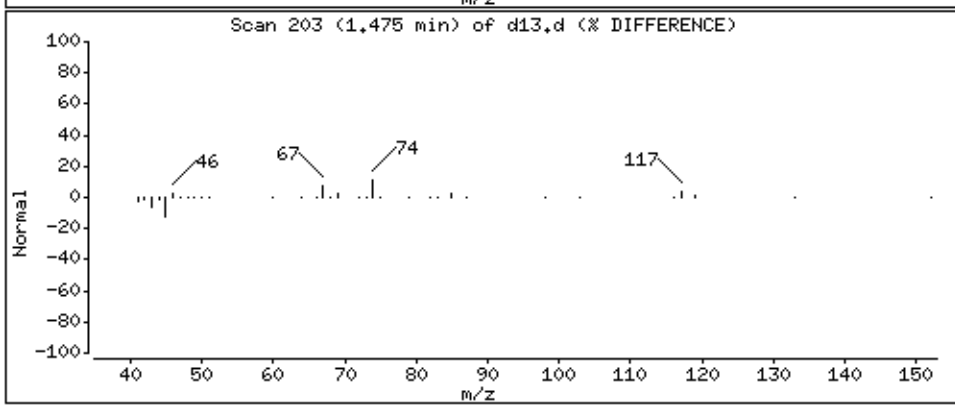
Concentration: 49.9 ppb

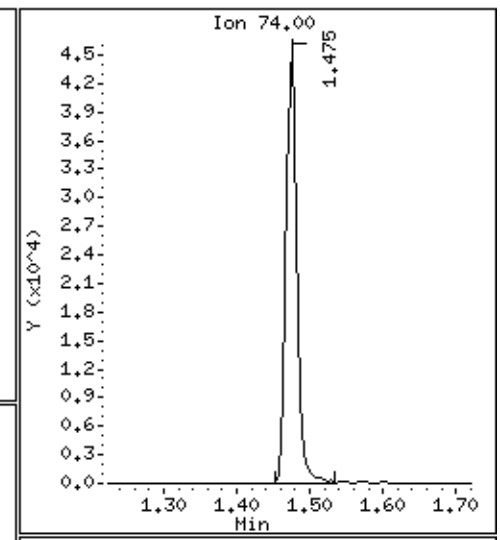
Review Code:

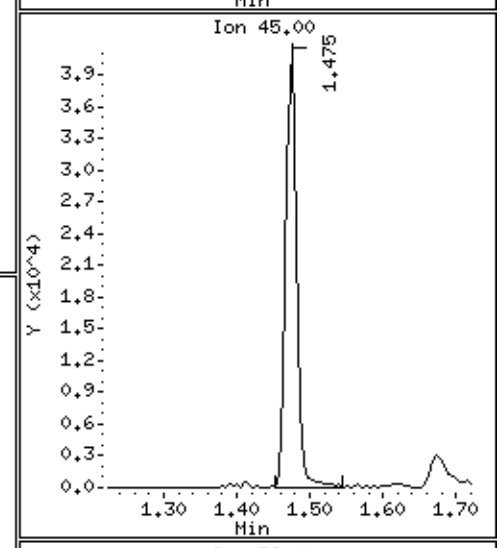


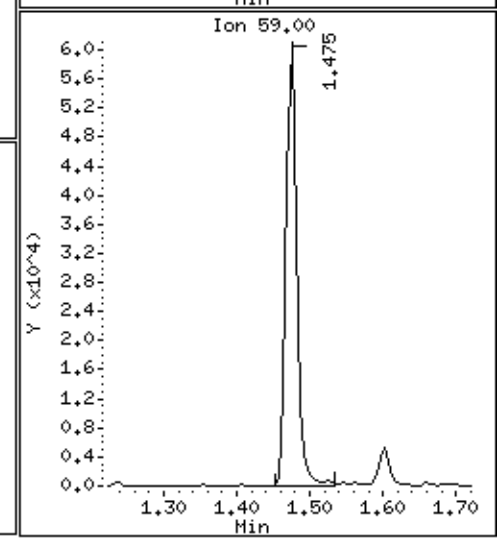












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

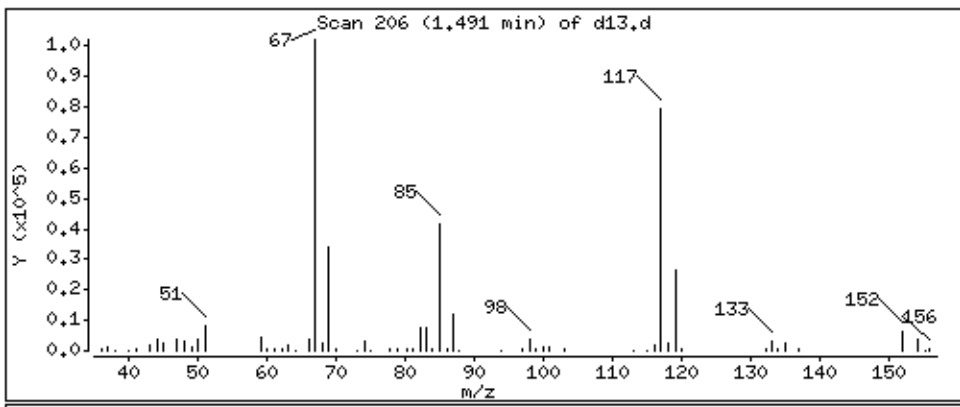
Column phase: DB-624

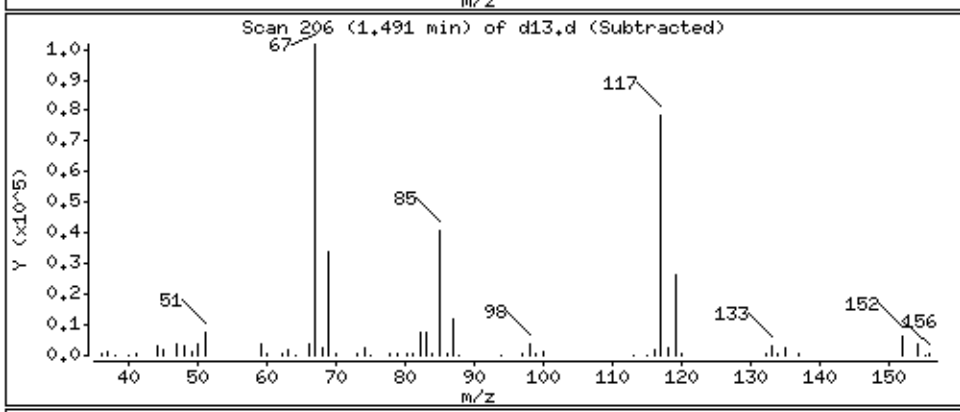
Column diameter: 0.18

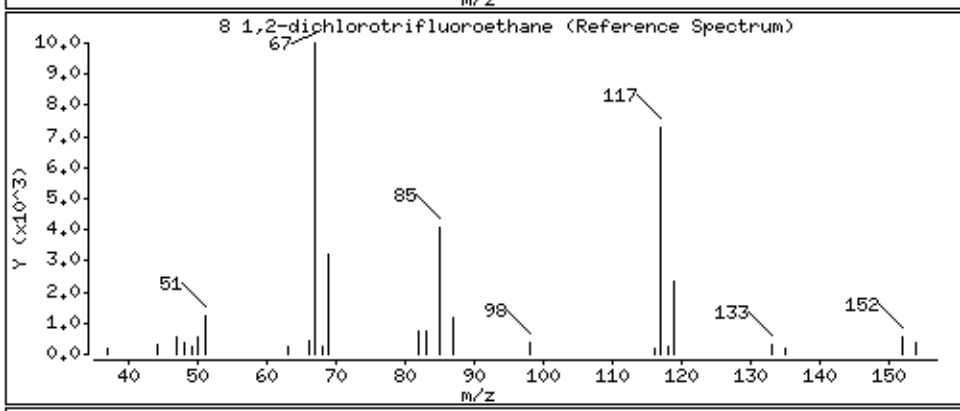
8 1,2-dichlorotrifluoroethane

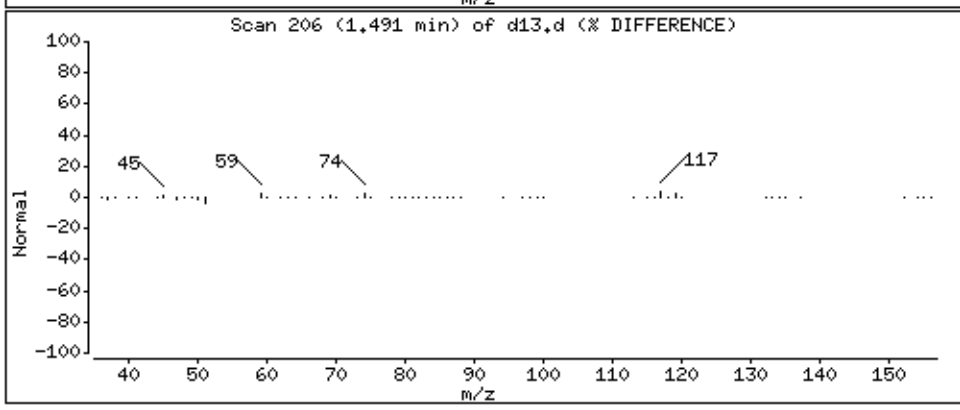
Concentration: 41.1 ppb

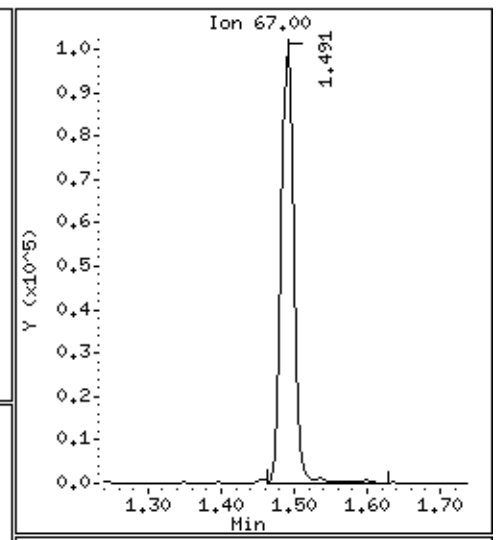
Review Code:

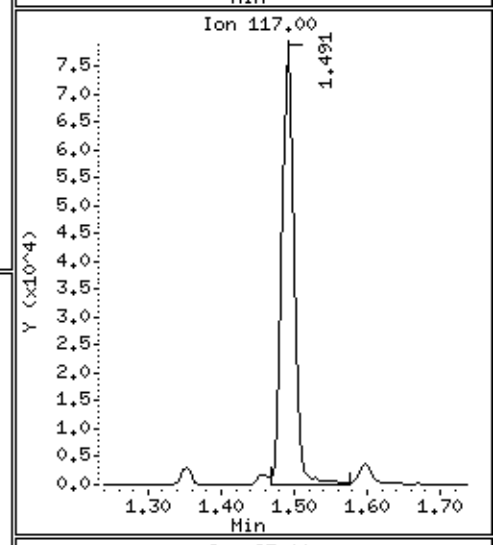


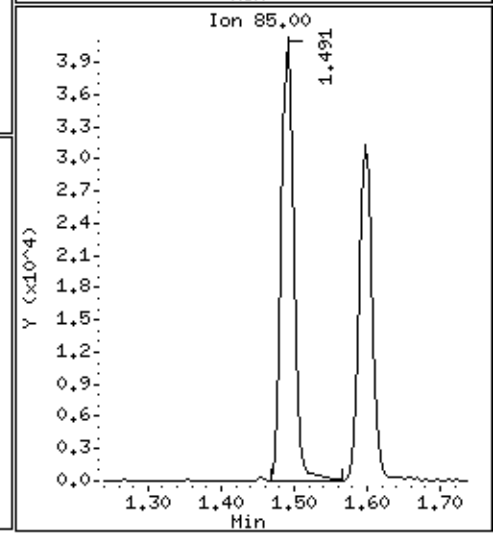












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

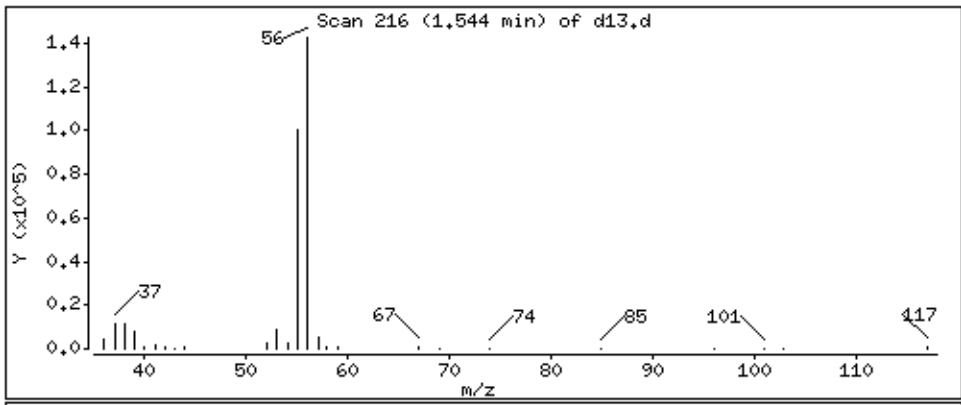
Column phase: DB-624

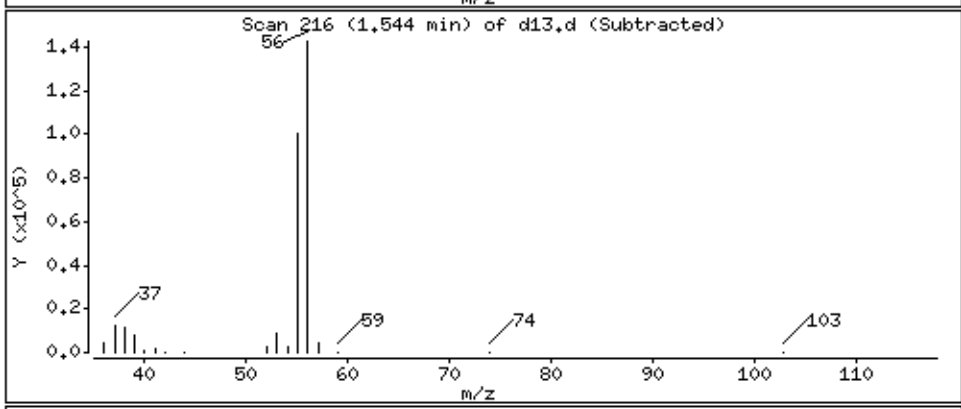
Column diameter: 0.18

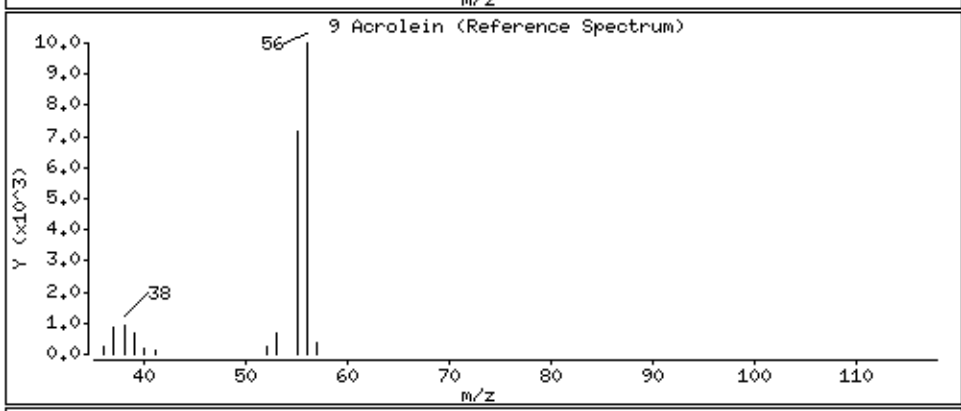
9 Acrolein

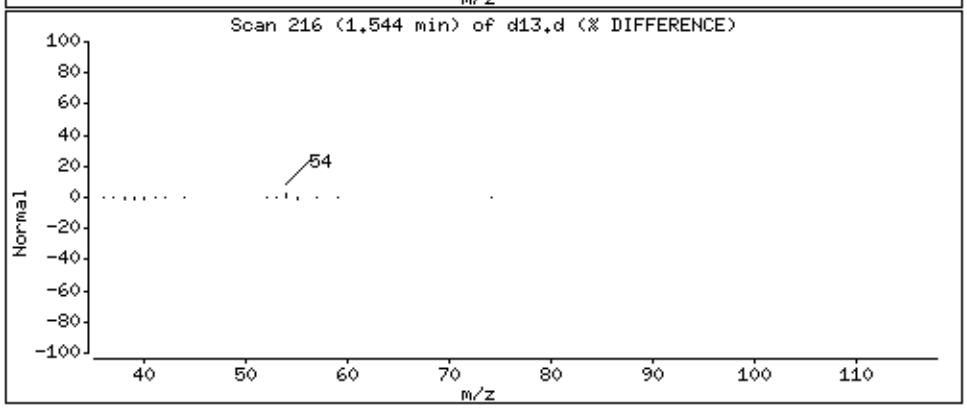
Concentration: 1050 ppb

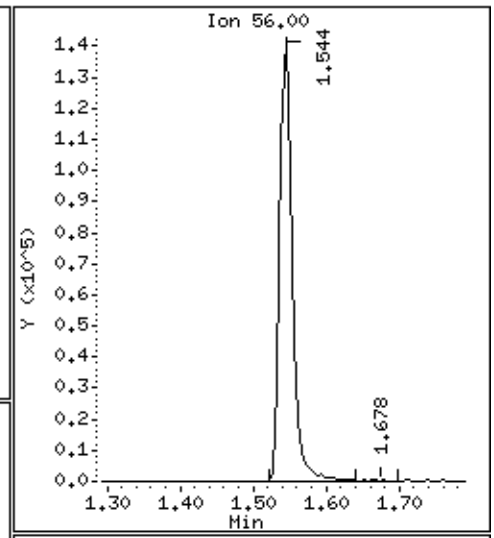
Review Code:

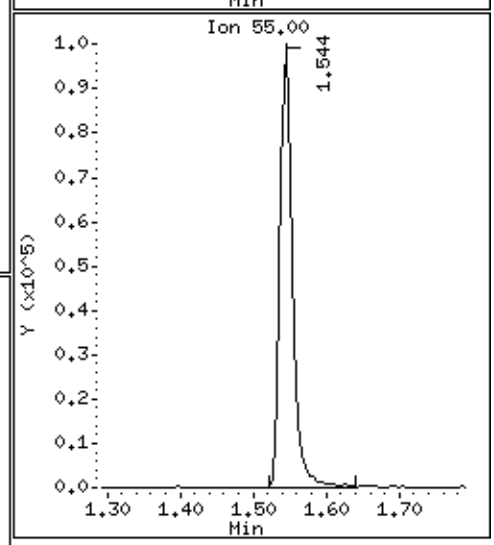












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

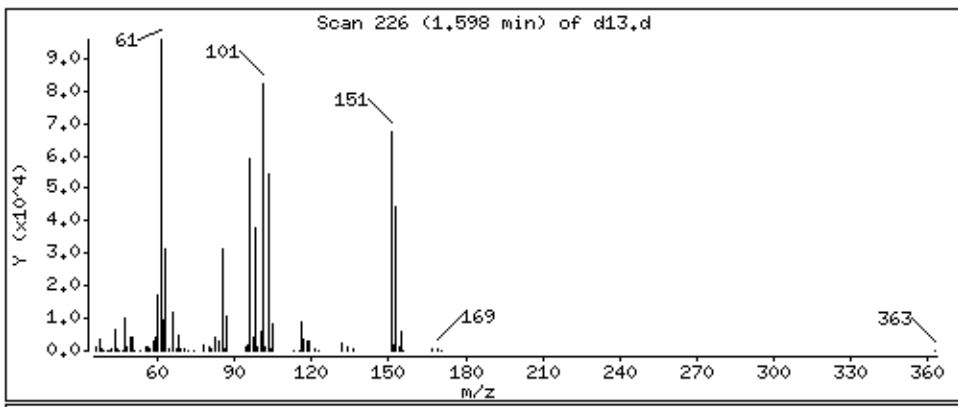
Column phase: DB-624

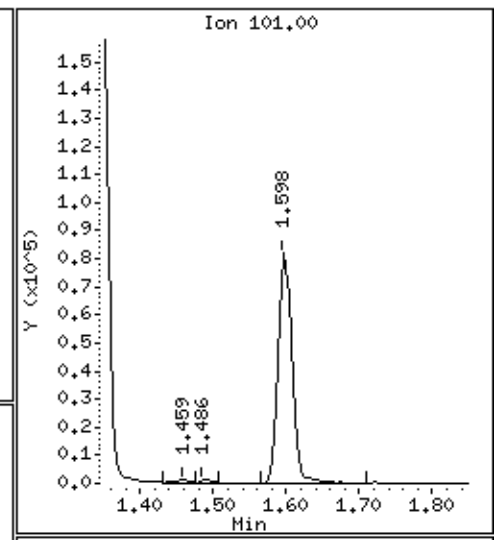
Column diameter: 0.18

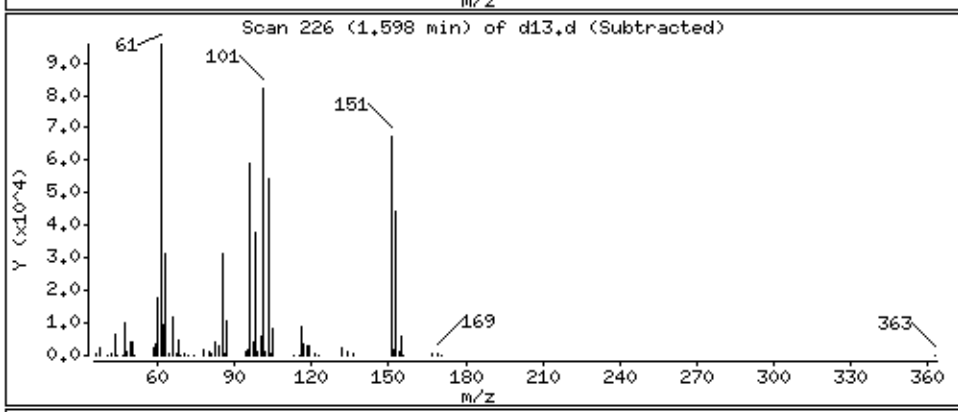
10 1,1,2trichlorotrifluoroethane

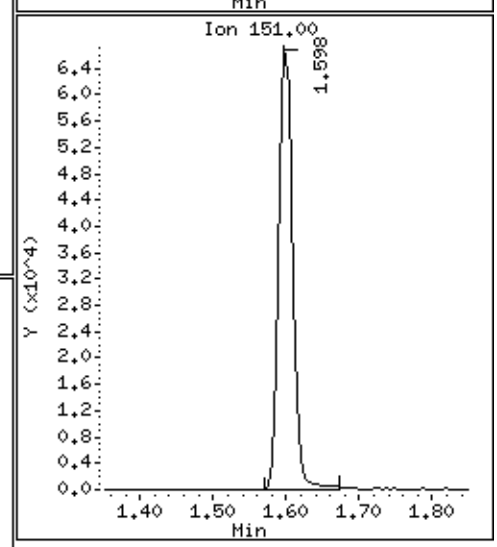
Concentration: 44.8 ppb

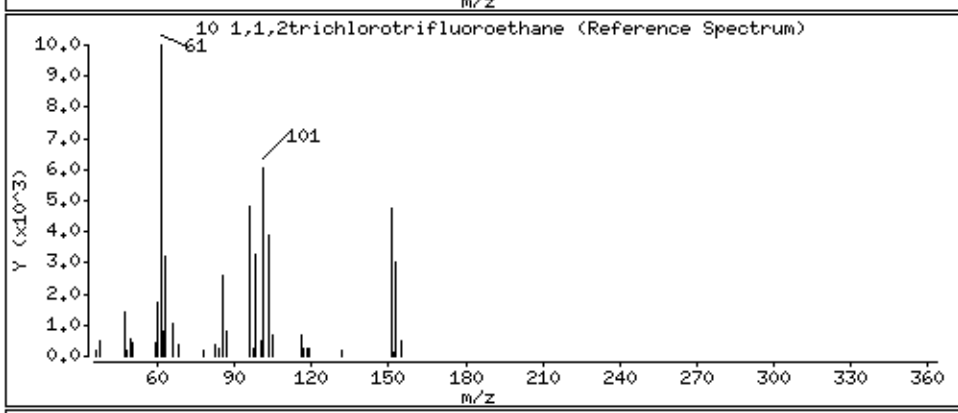
Review Code:

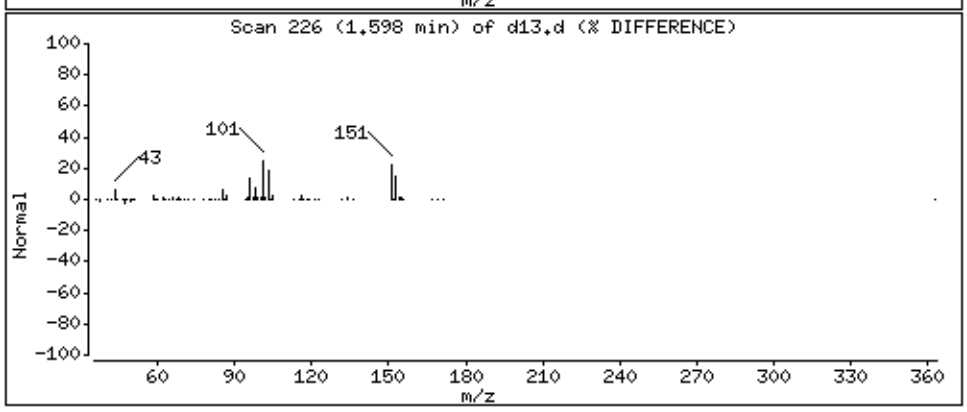












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

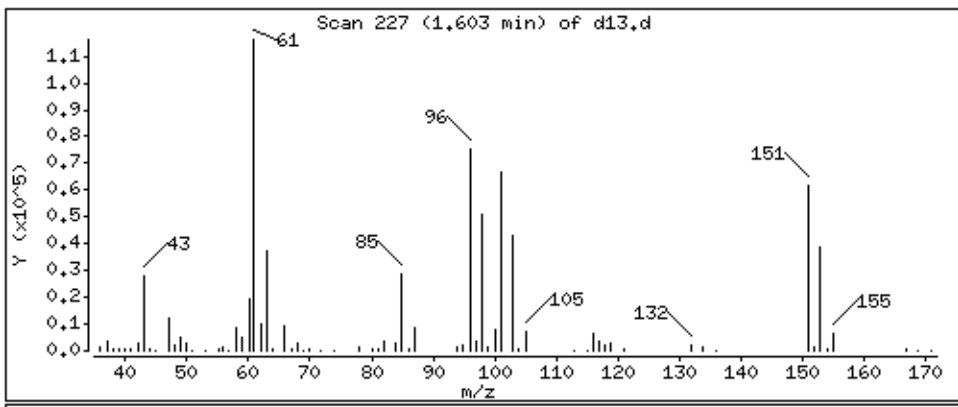
Column phase: DB-624

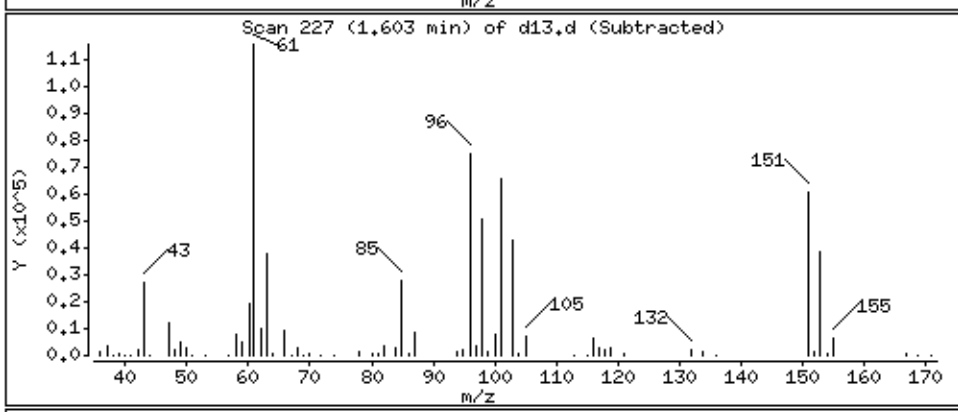
Column diameter: 0.18

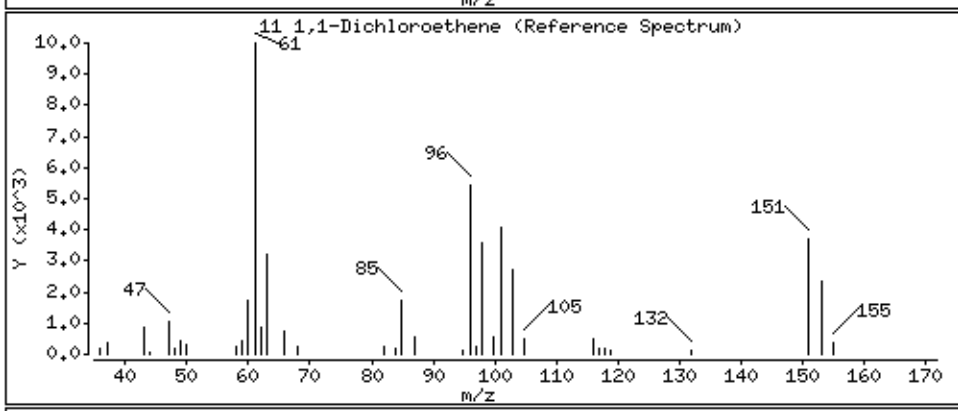
11 1,1-Dichloroethene

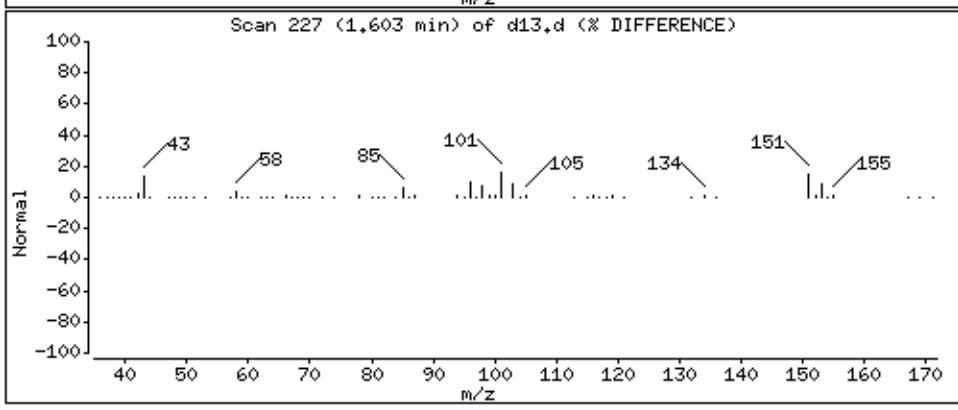
Concentration: 43.7 ppb

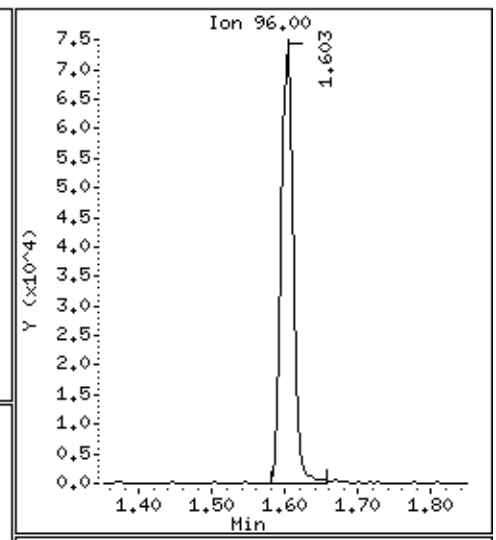
Review Code:

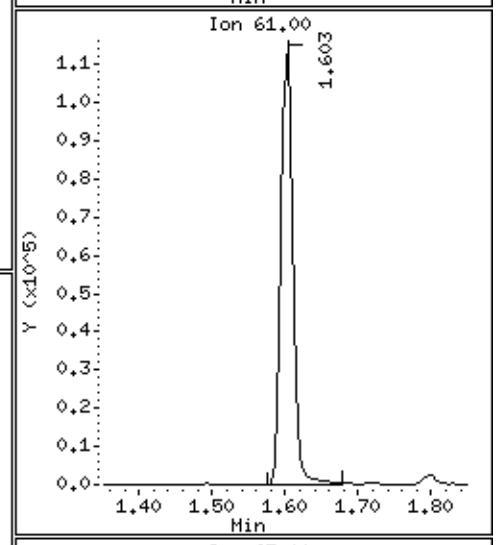


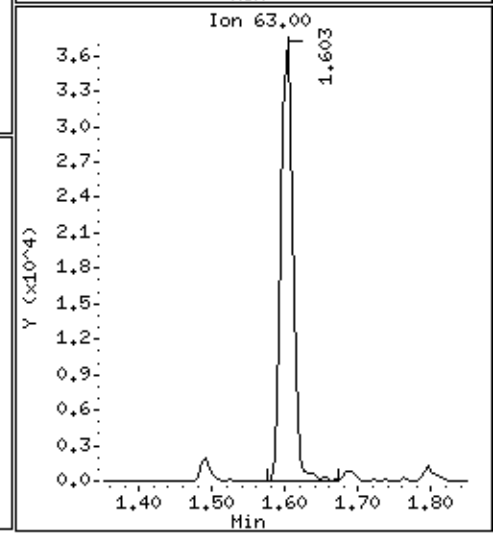












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

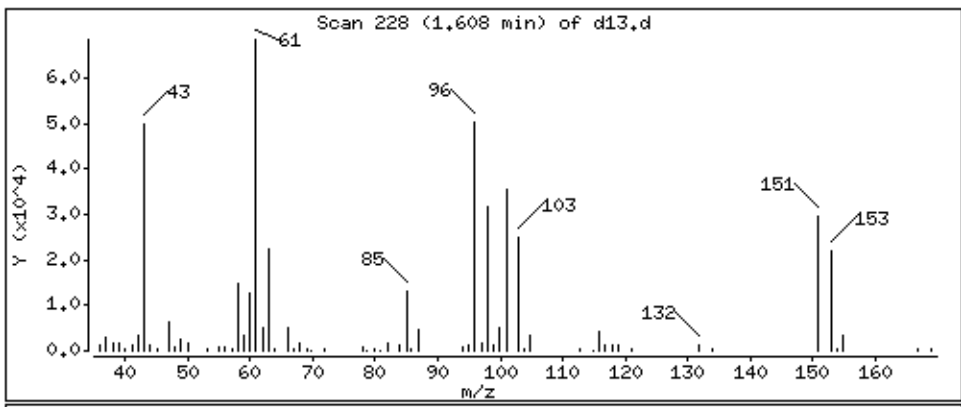
Column phase: DB-624

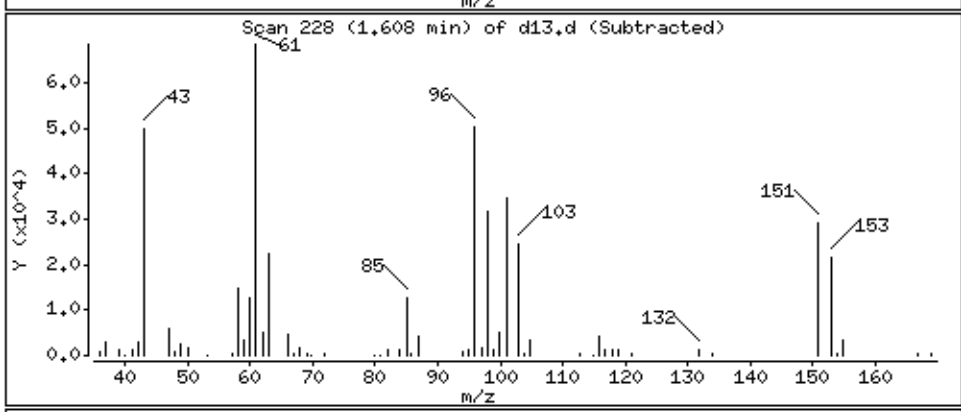
Column diameter: 0.18

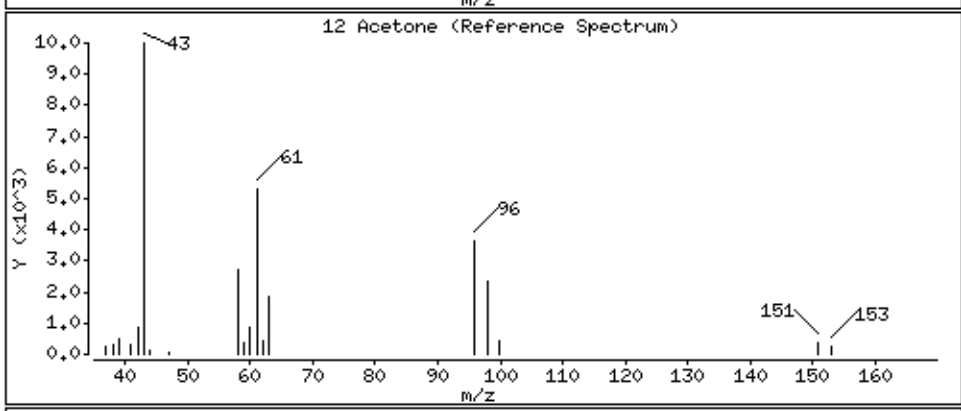
12 Acetone

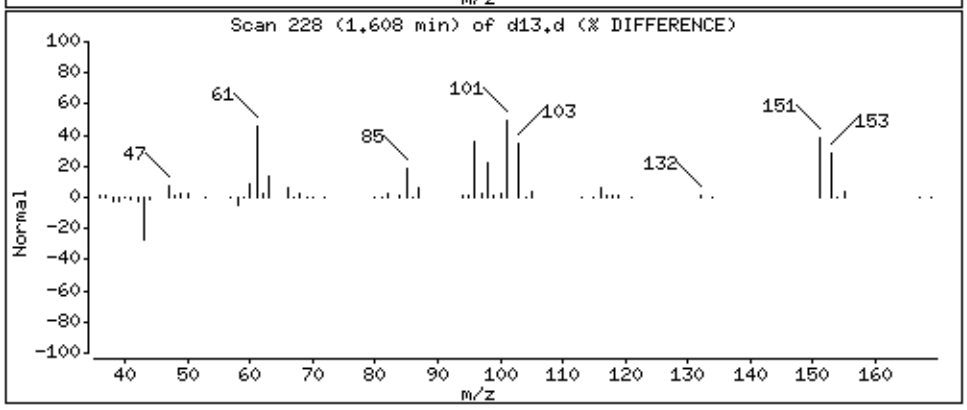
Concentration: 270 ppb

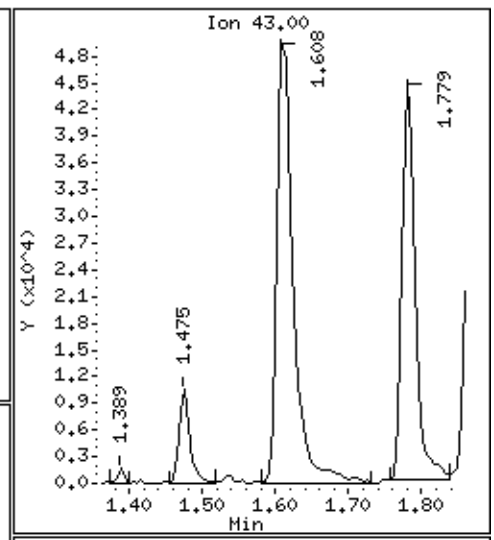
Review Code:

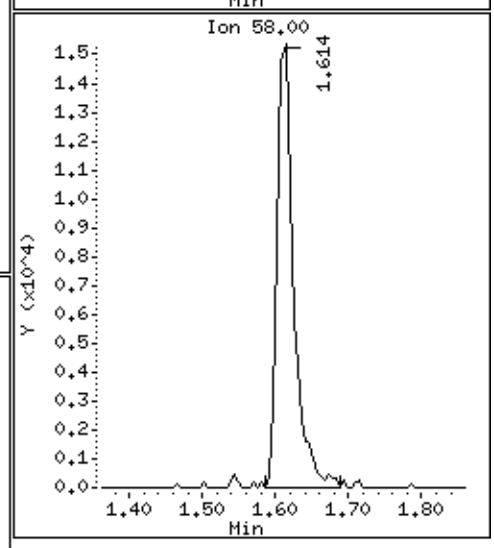












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

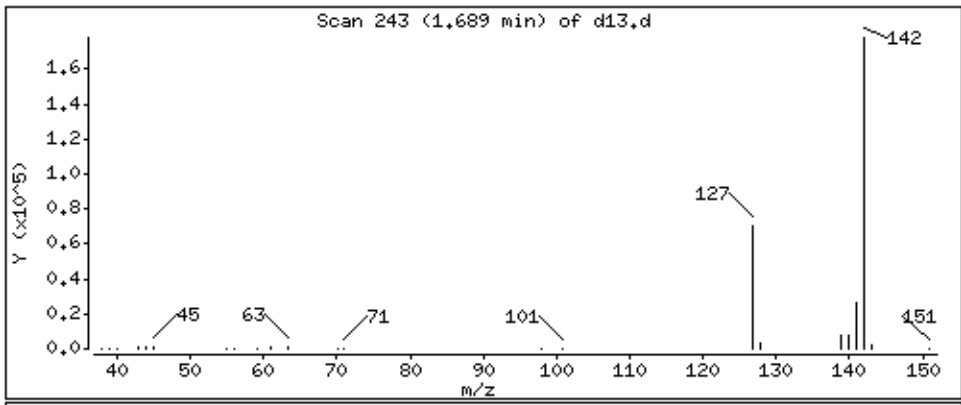
Column phase: DB-624

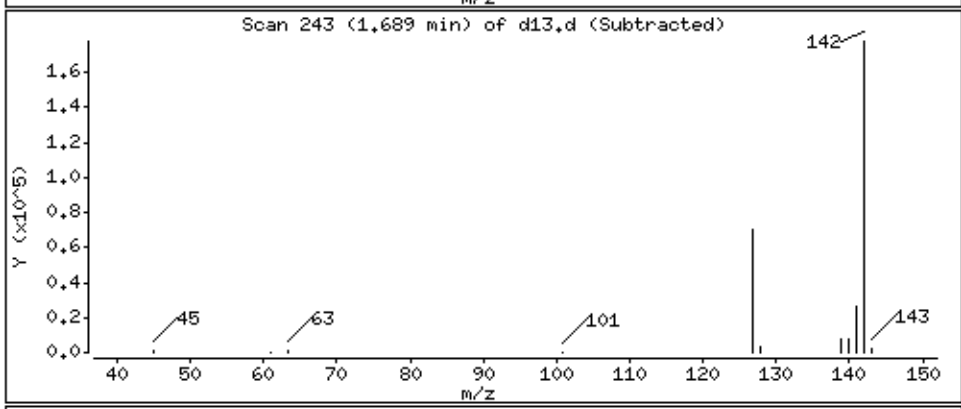
Column diameter: 0.18

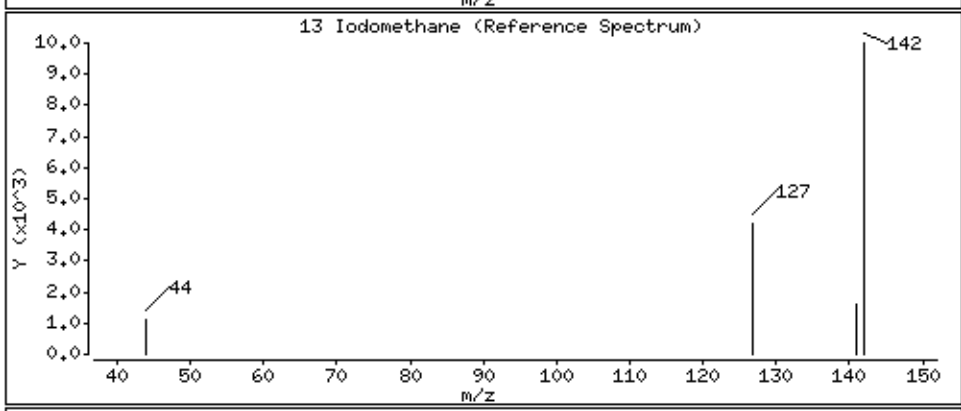
13 Iodomethane

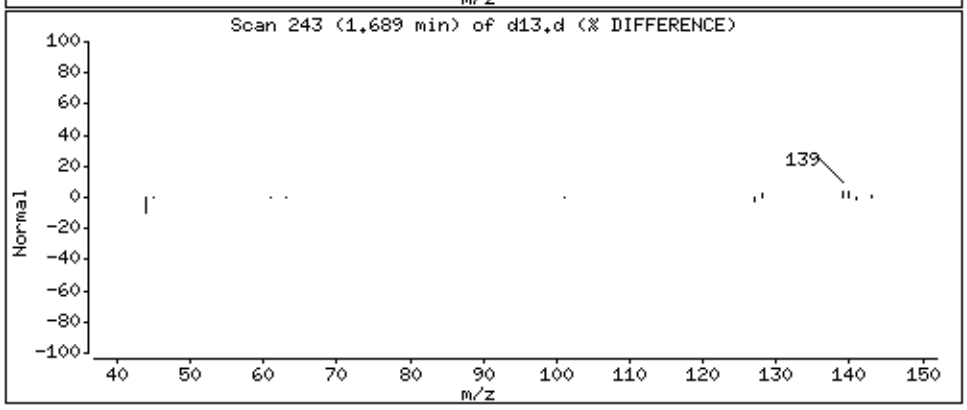
Concentration: 103 ppb

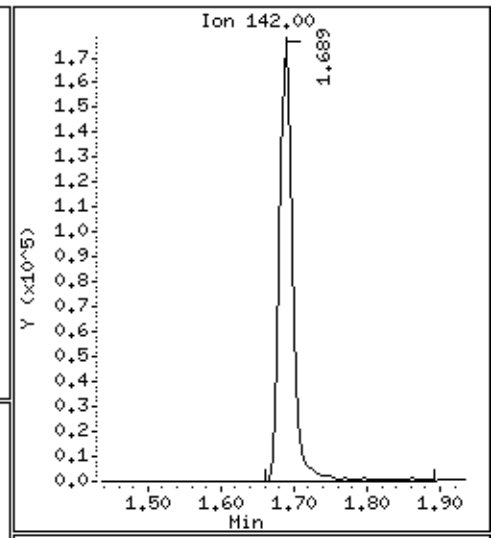
Review Code:

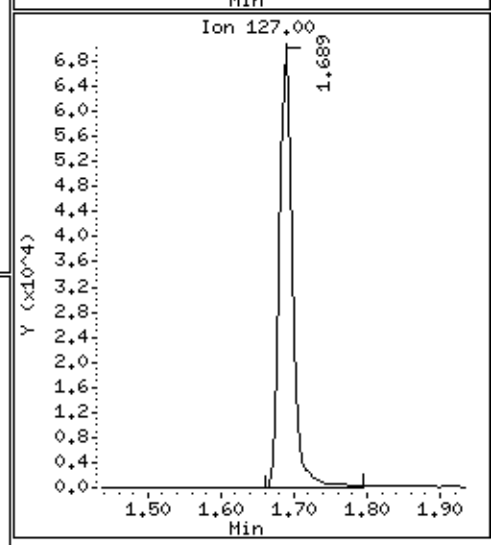












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

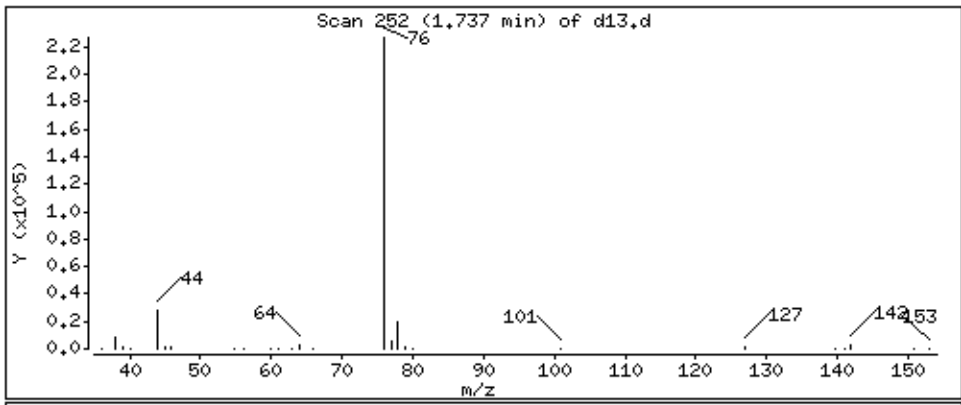
Column phase: DB-624

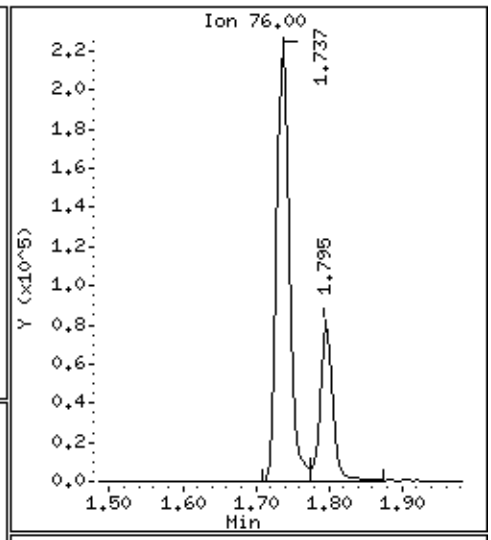
Column diameter: 0.18

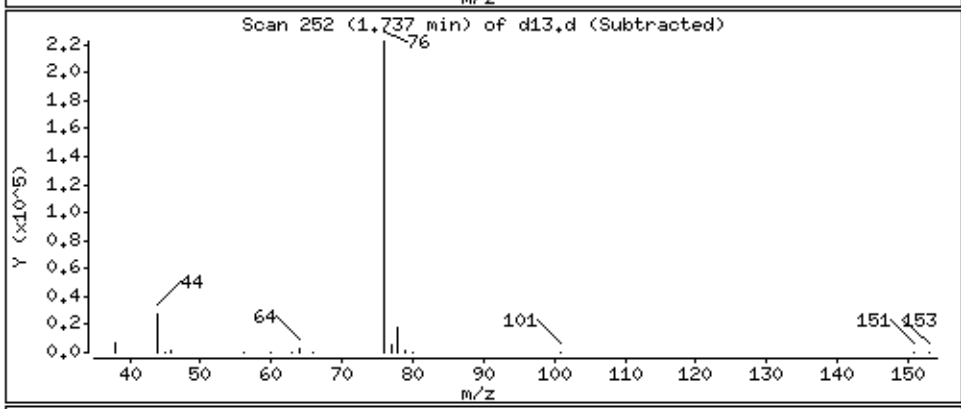
14 Carbon Disulfide

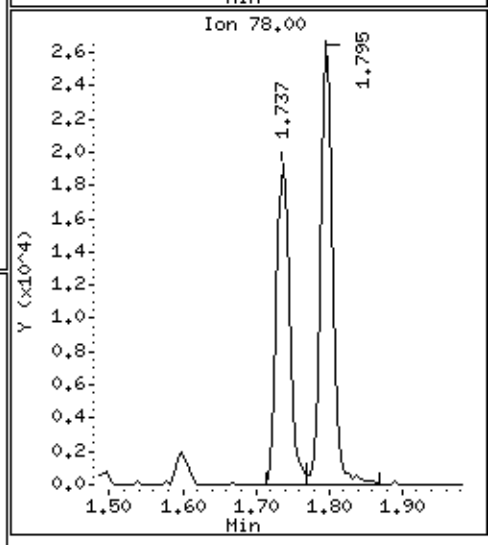
Concentration: 38.9 ppb

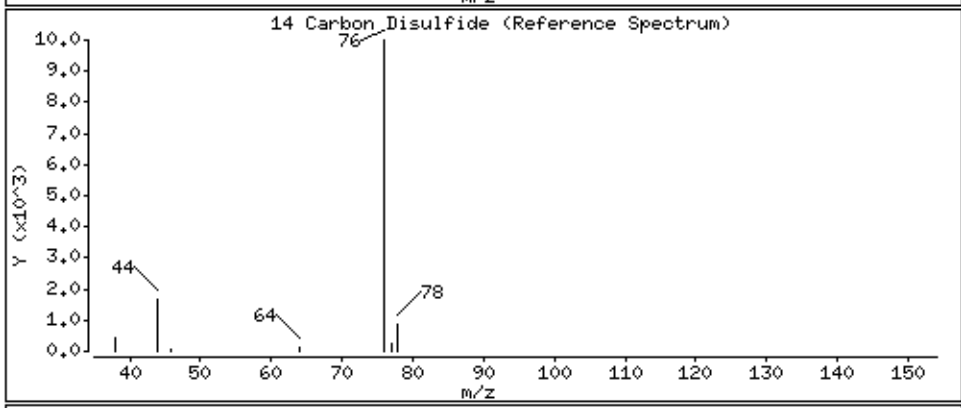
Review Code:

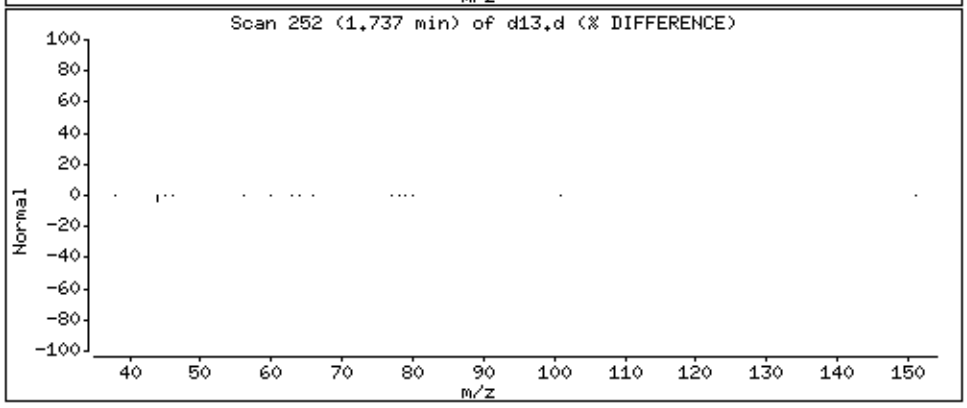












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

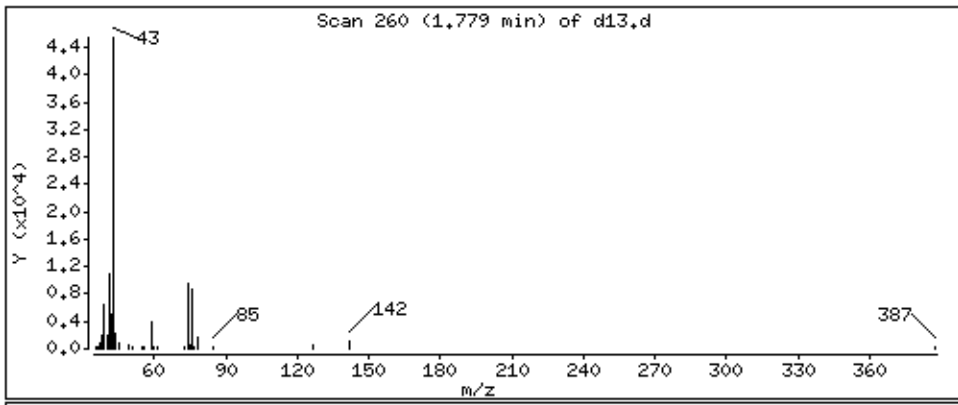
Column phase: DB-624

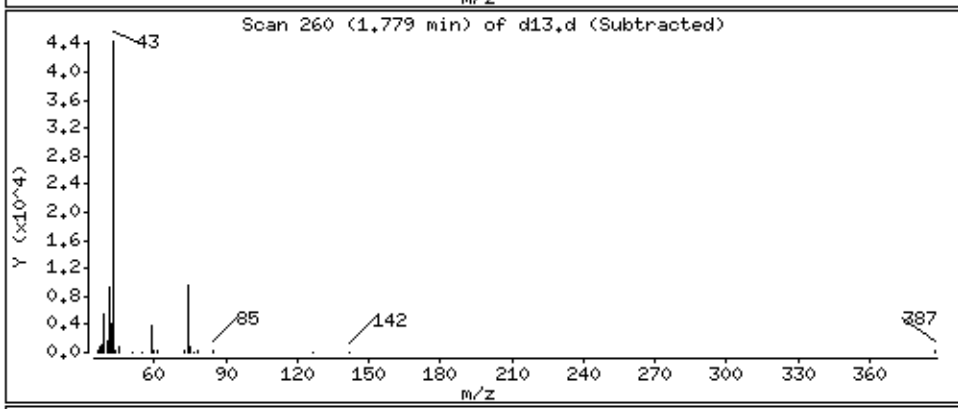
Column diameter: 0.18

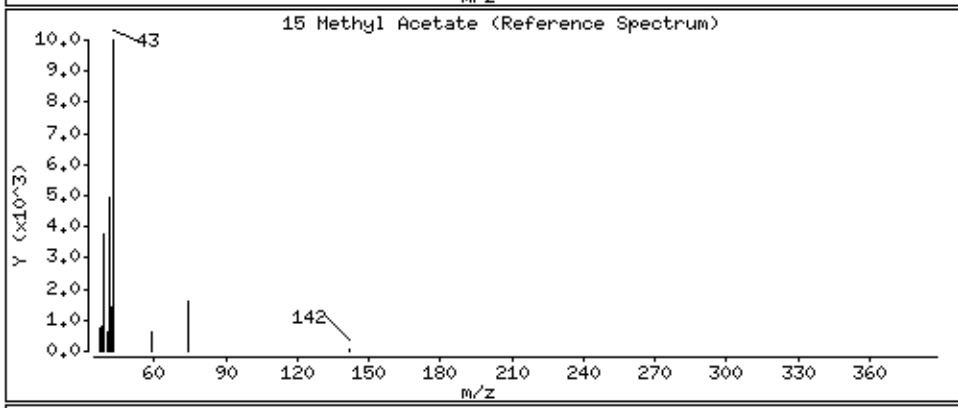
15 Methyl Acetate

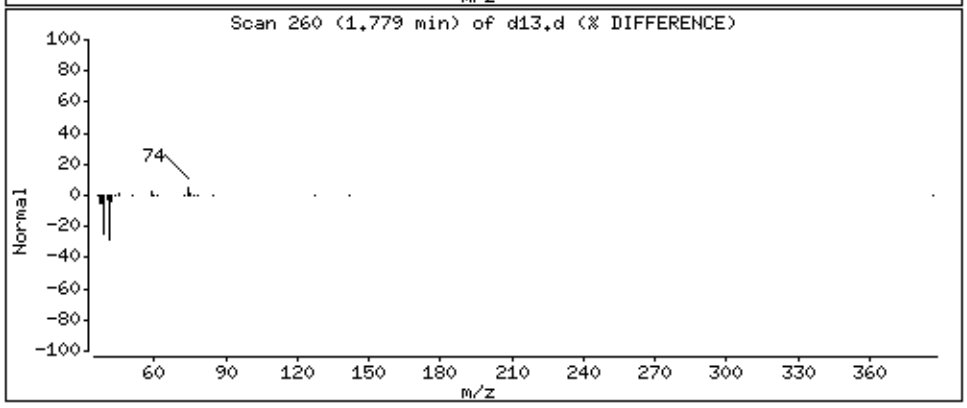
Concentration: 74.2 ppb

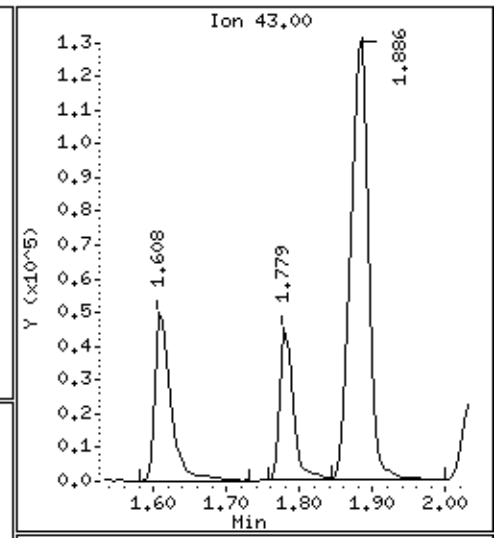
Review Code:

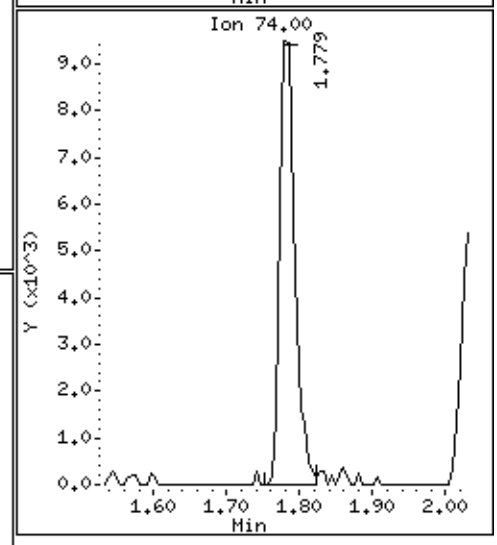












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

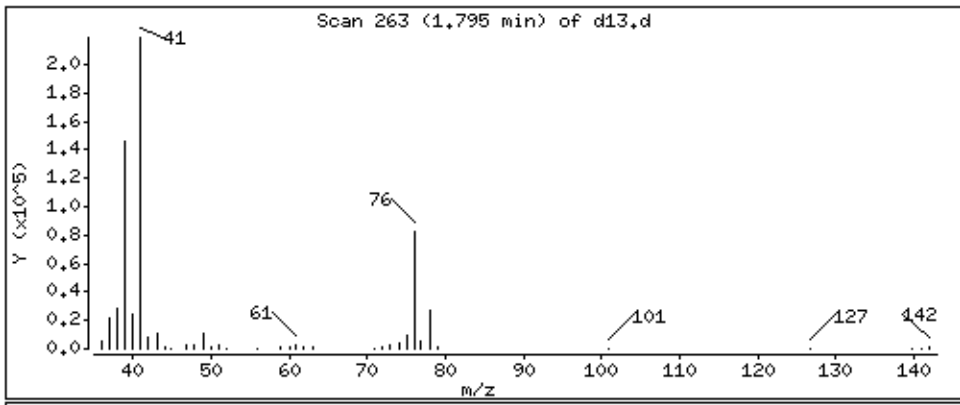
Column phase: DB-624

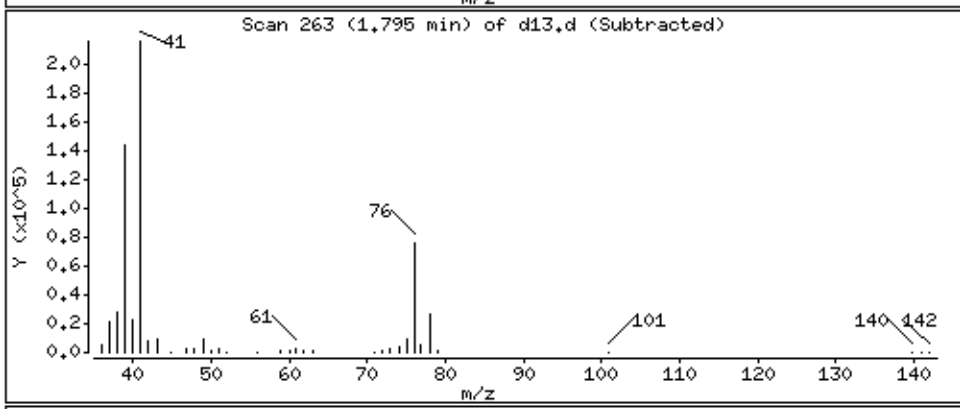
Column diameter: 0.18

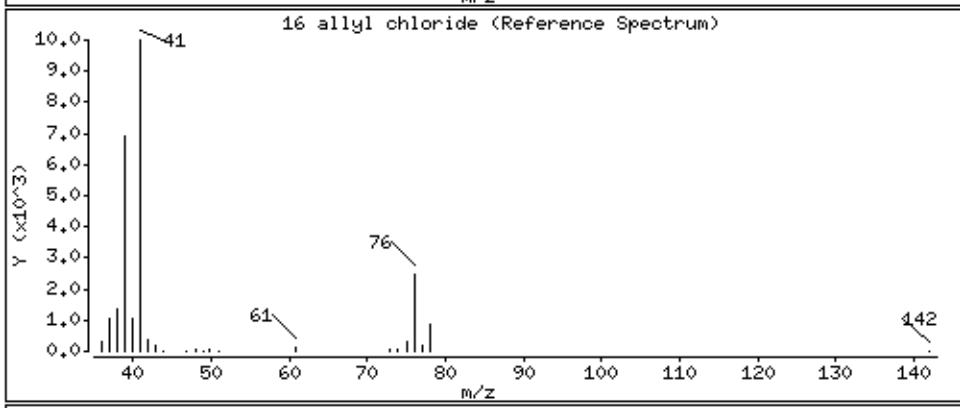
16 allyl chloride

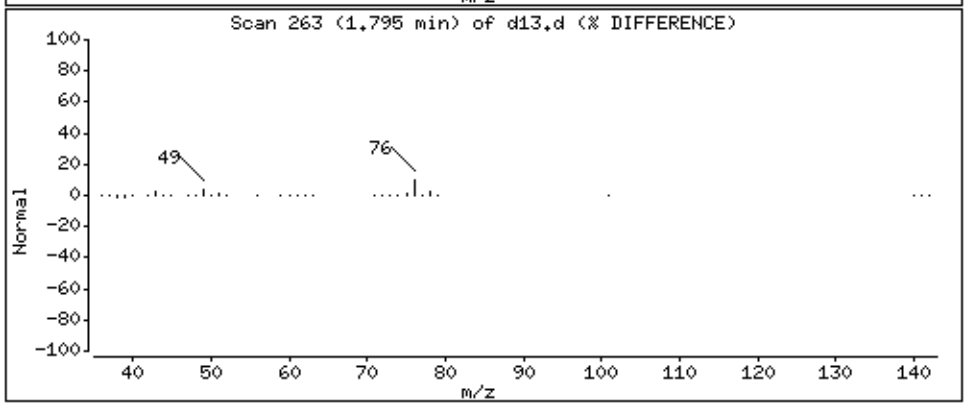
Concentration: 88.1 ppb

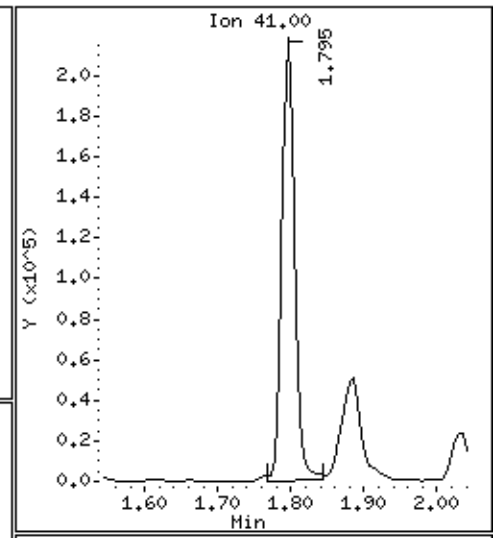
Review Code:

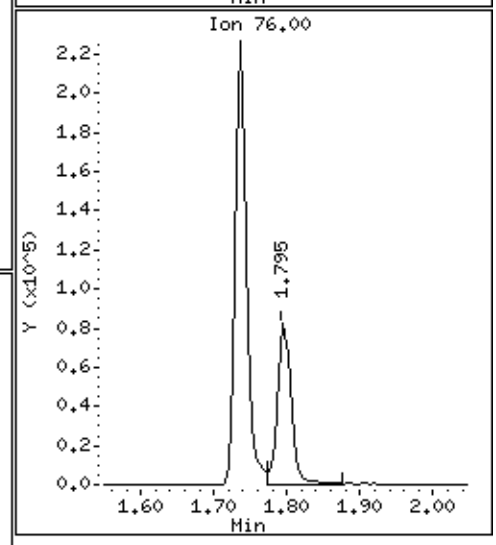












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

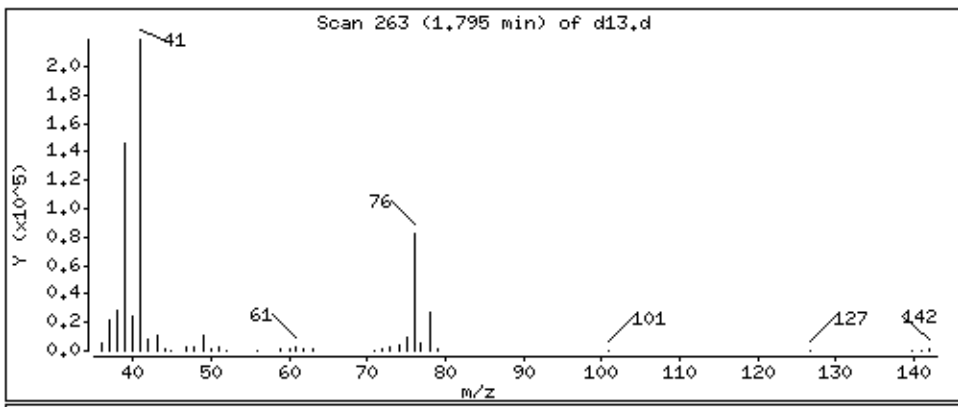
Column phase: DB-624

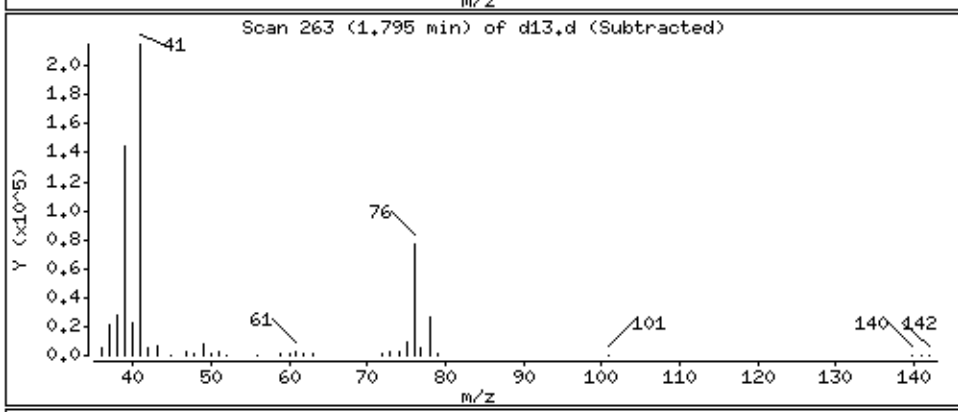
Column diameter: 0.18

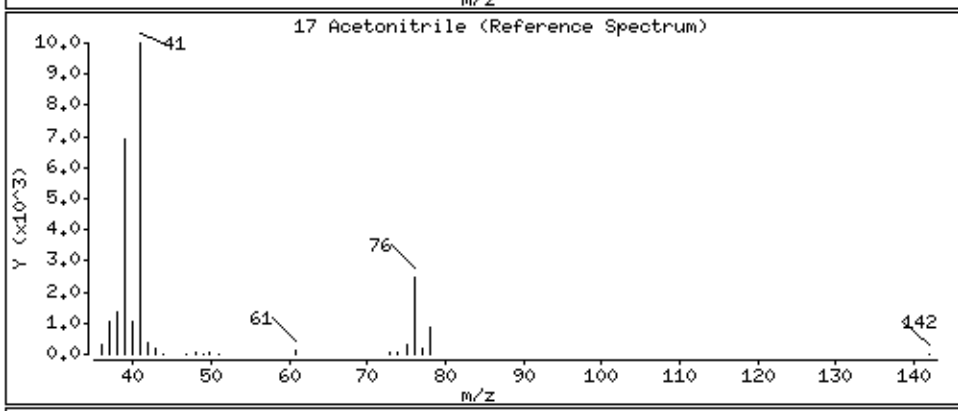
17 Acetonitrile

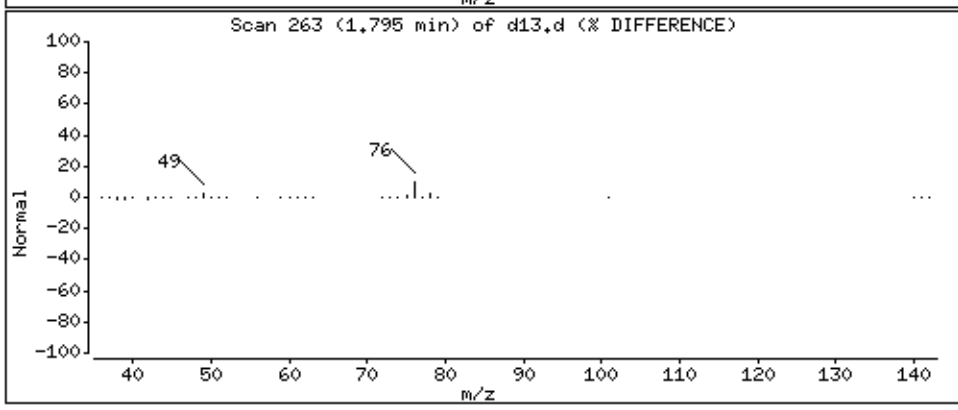
Concentration: 38.9 ppb

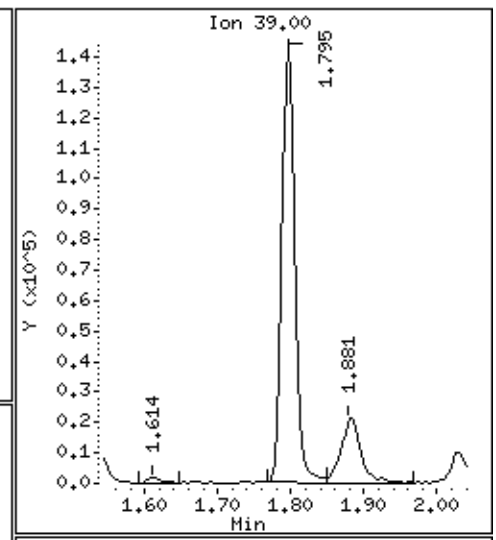
Review Code:

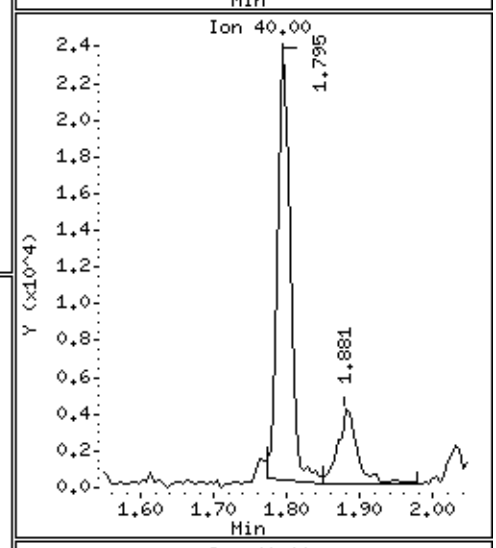


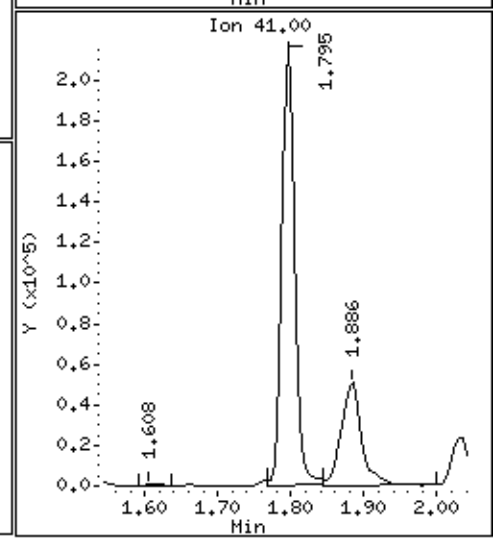












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

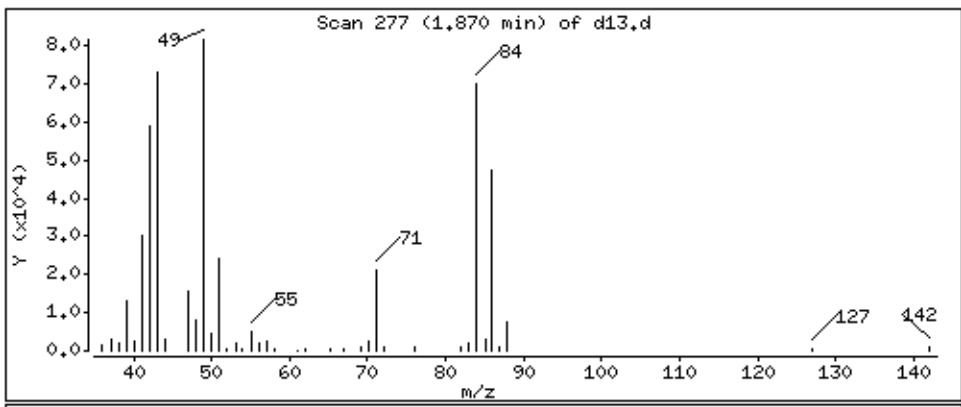
Column phase: DB-624

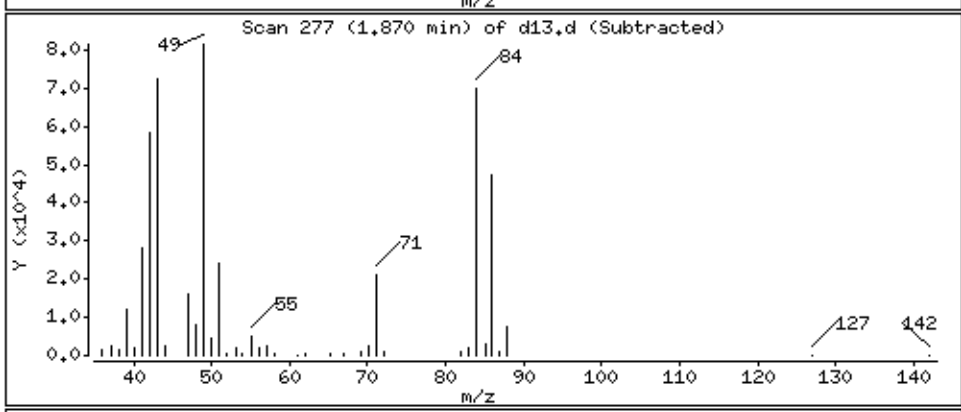
Column diameter: 0.18

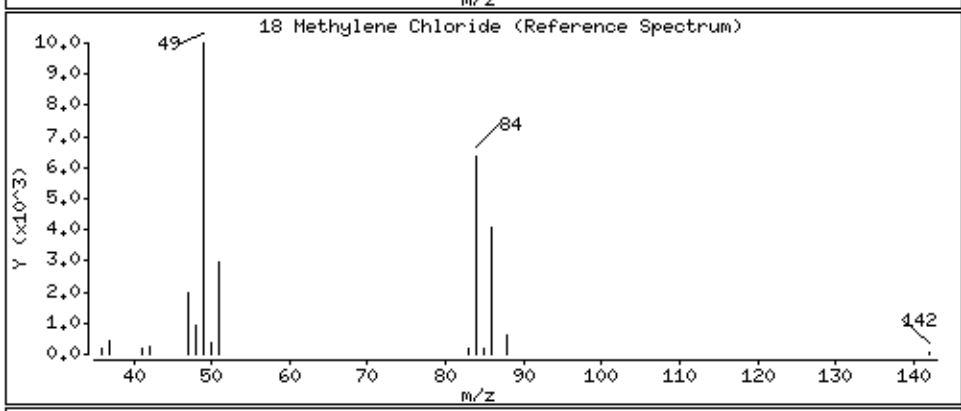
18 Methylene Chloride

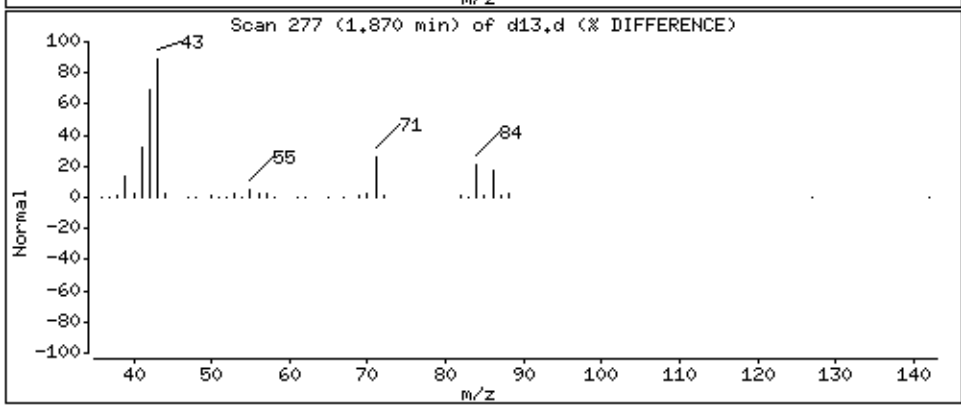
Concentration: 53.7 ppb

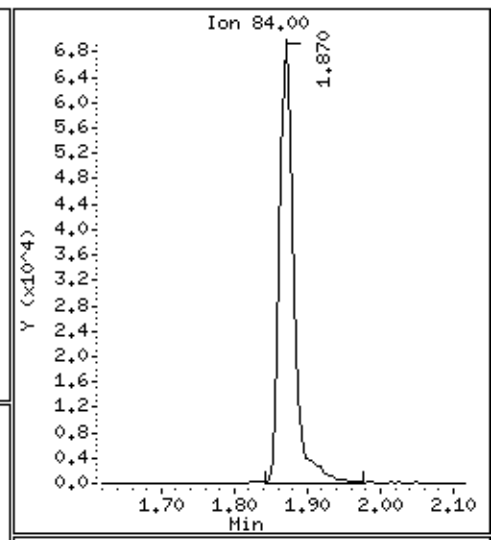
Review Code:

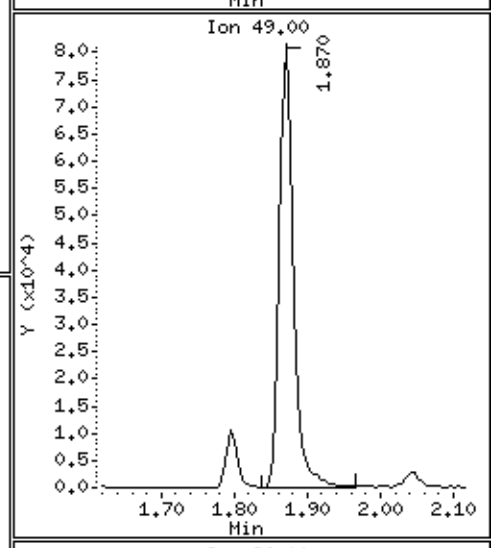


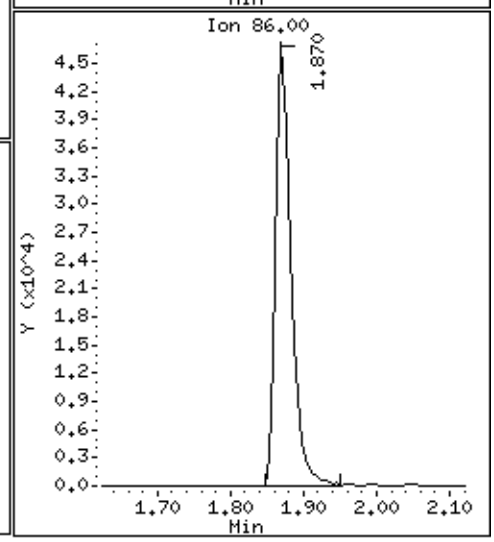












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

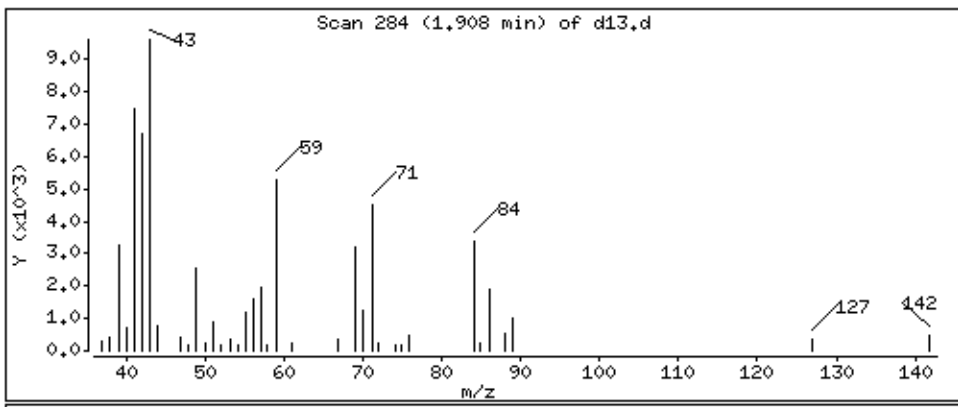
Column phase: DB-624

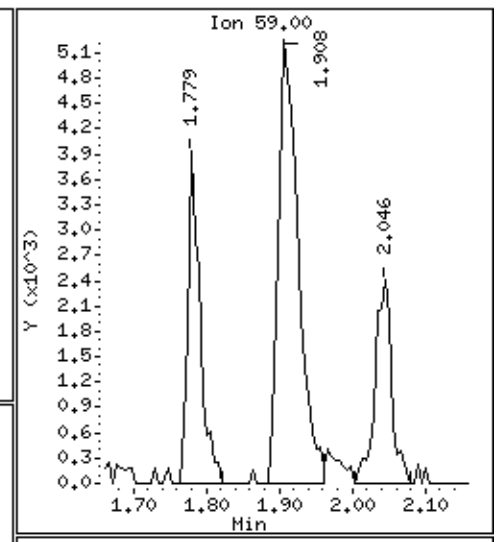
Column diameter: 0.18

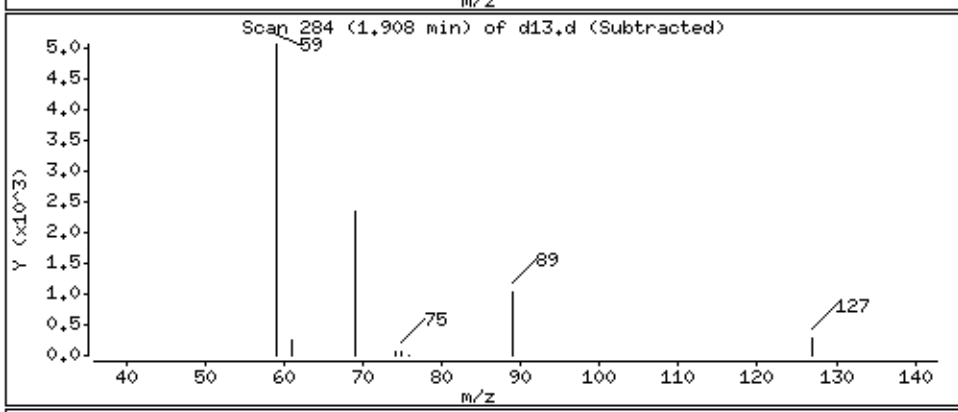
19 tert-Butyl Alcohol

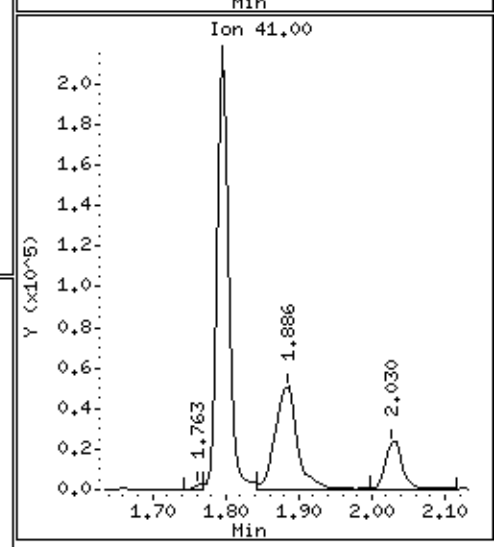
Concentration: 82.6 ppb

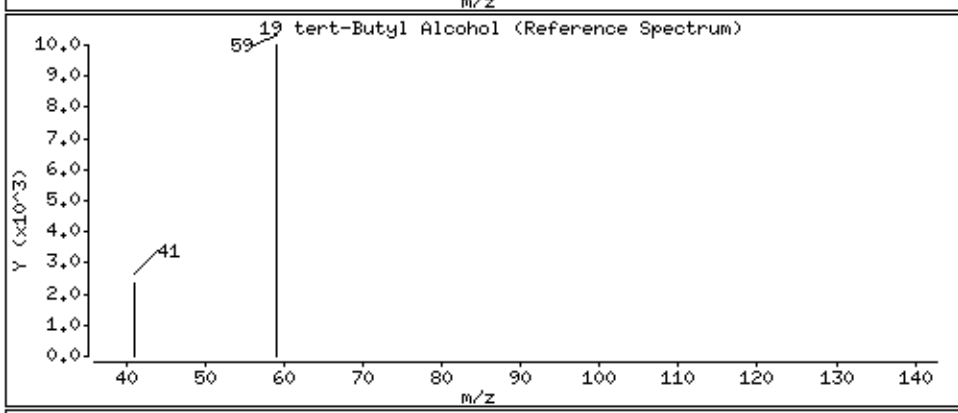
Review Code:

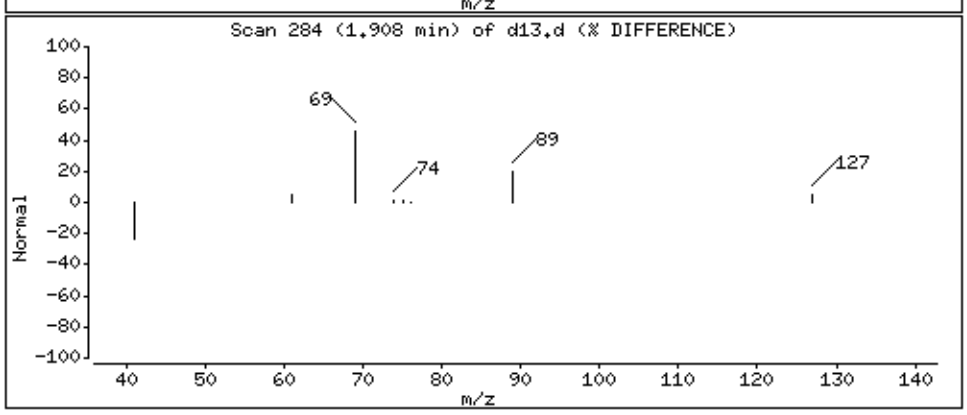












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

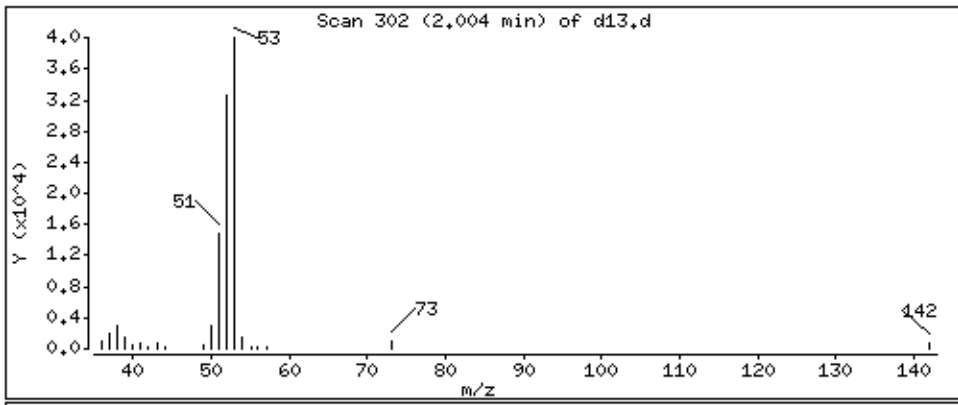
Column phase: DB-624

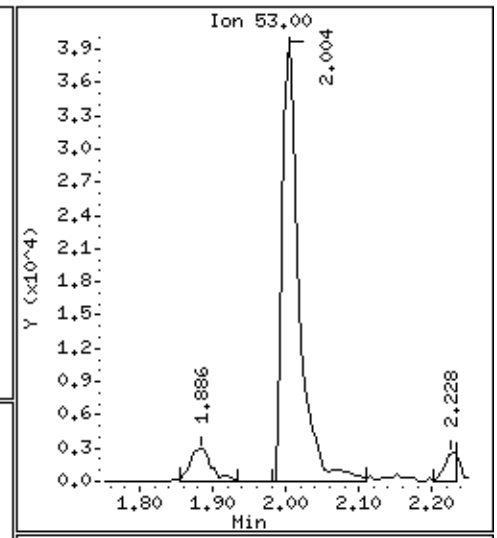
Column diameter: 0.18

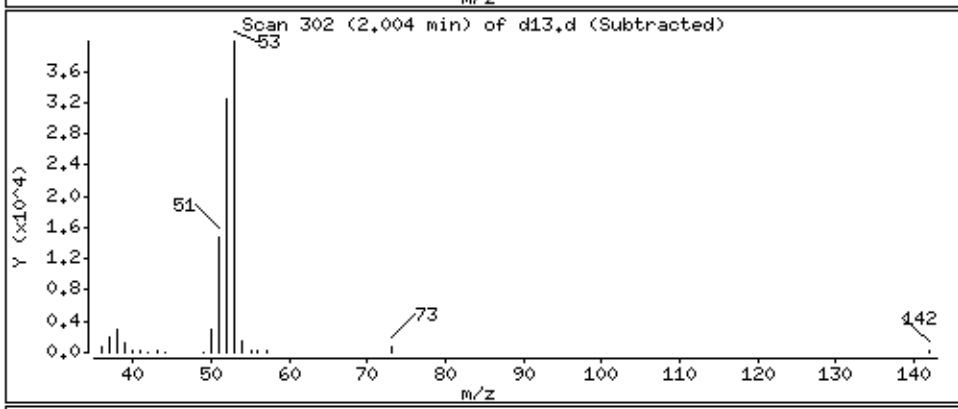
20 Acrylonitrile

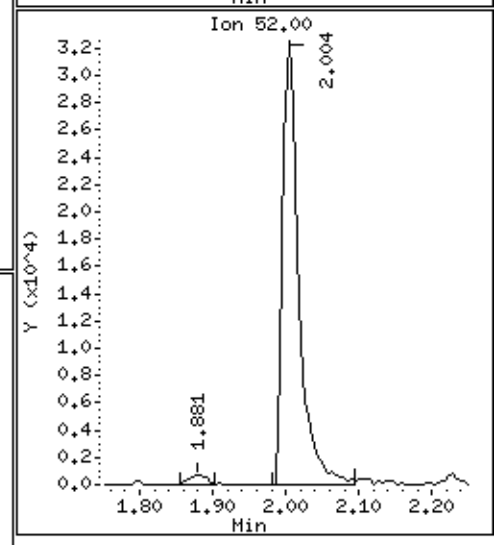
Concentration: 194 ppb

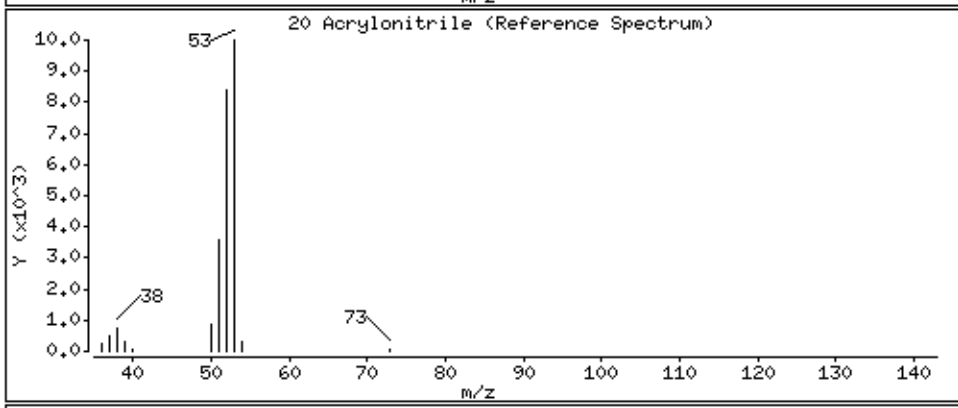
Review Code:

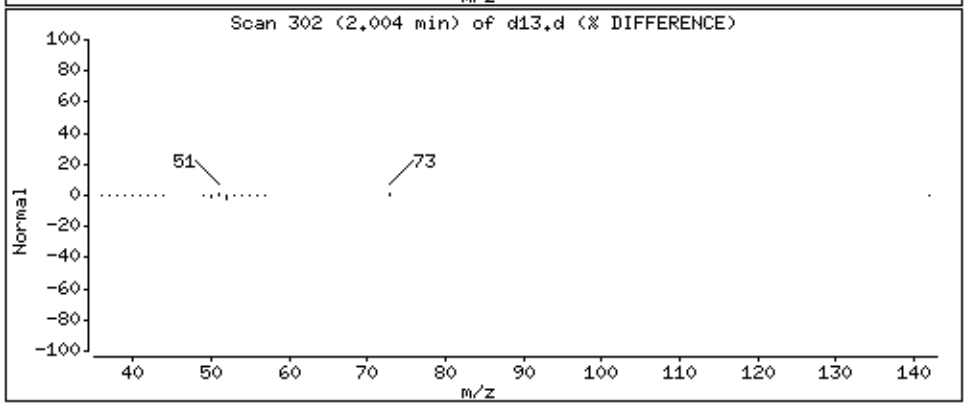












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

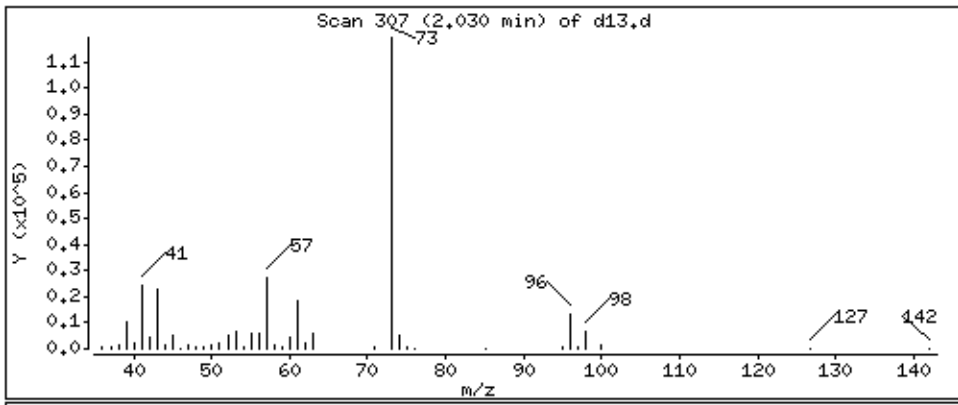
Column phase: DB-624

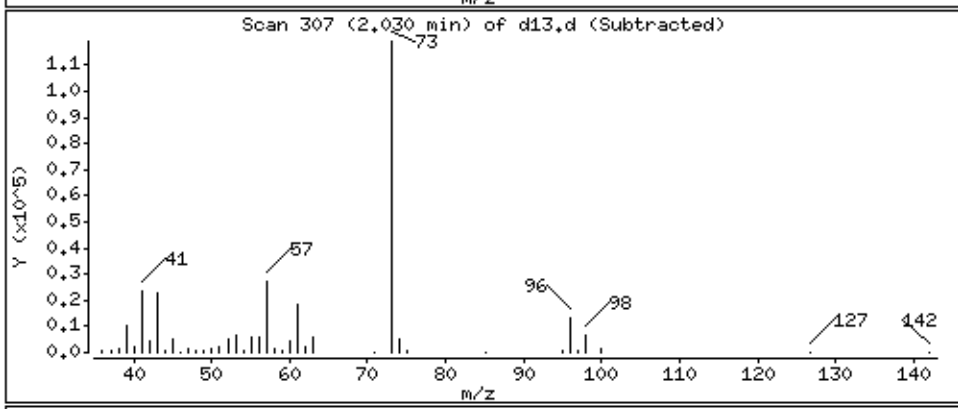
Column diameter: 0.18

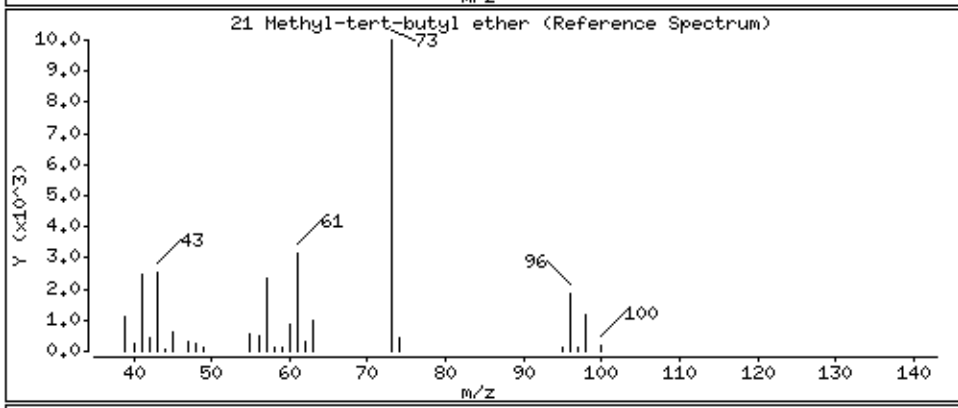
21 Methyl-tert-butyl ether

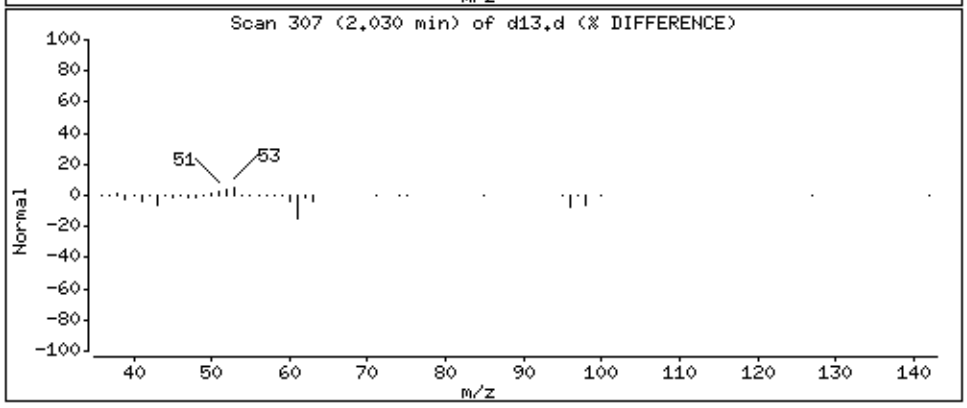
Concentration: 45.8 ppb

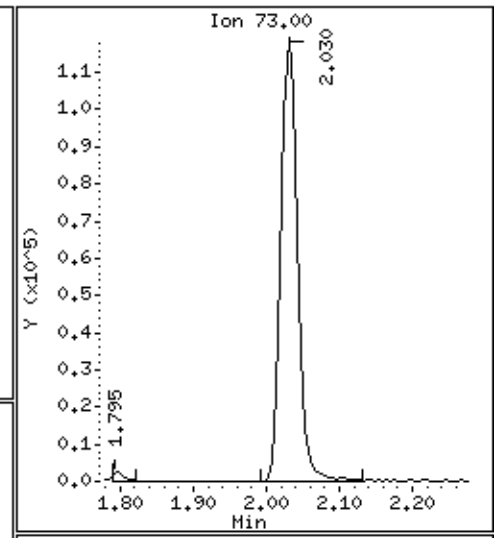
Review Code:

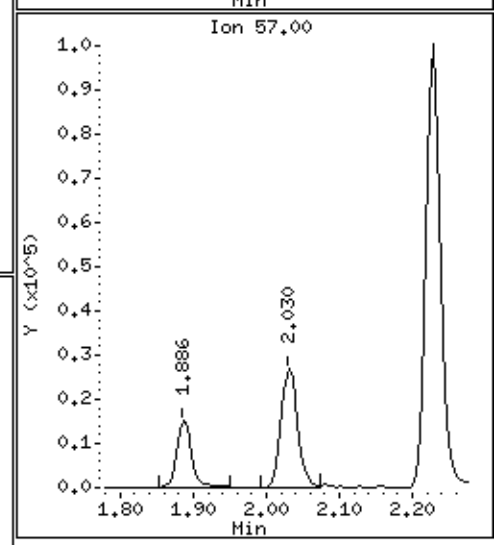












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

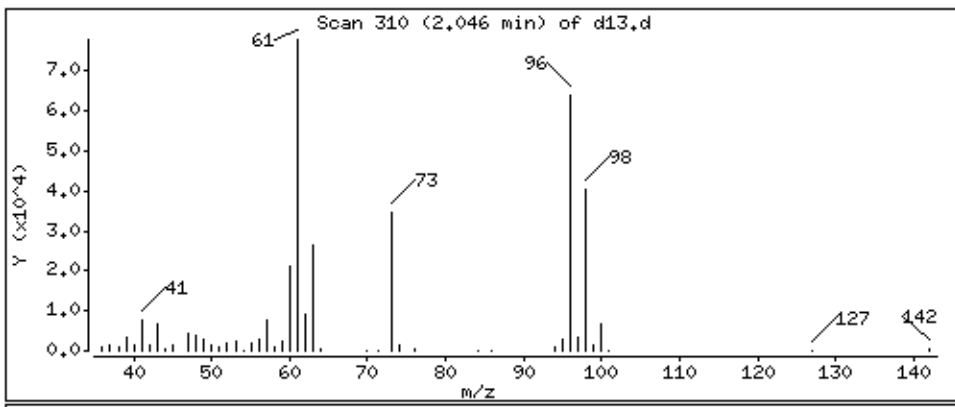
Column phase: DB-624

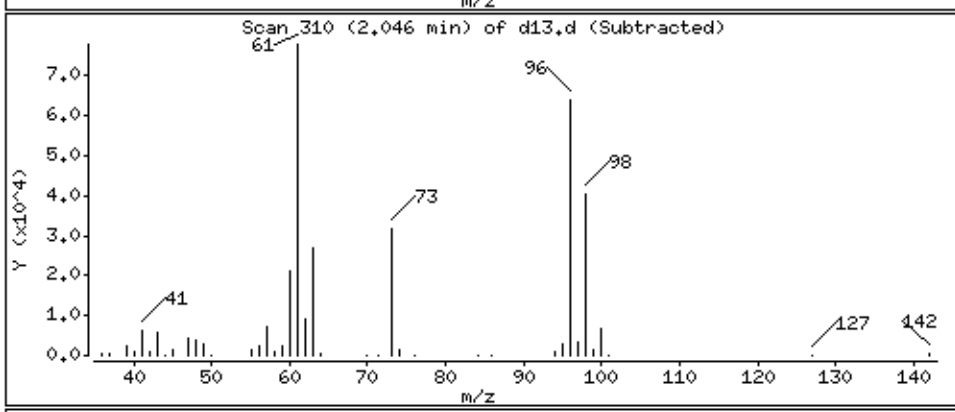
Column diameter: 0.18

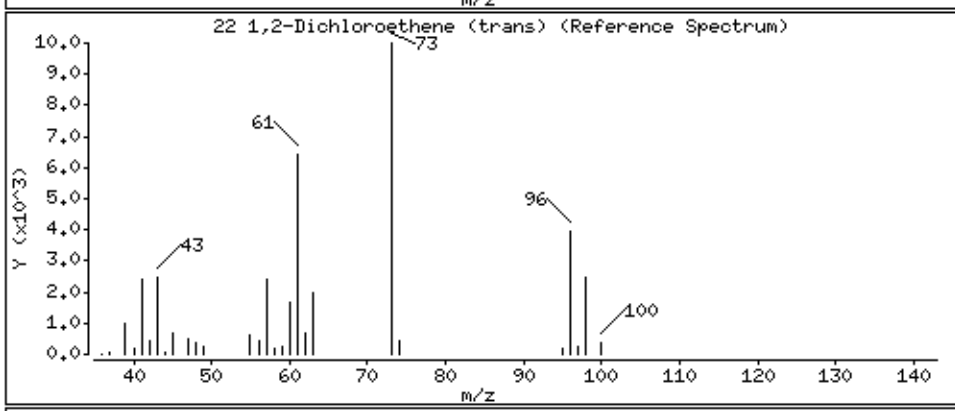
22 1,2-Dichloroethene (trans)

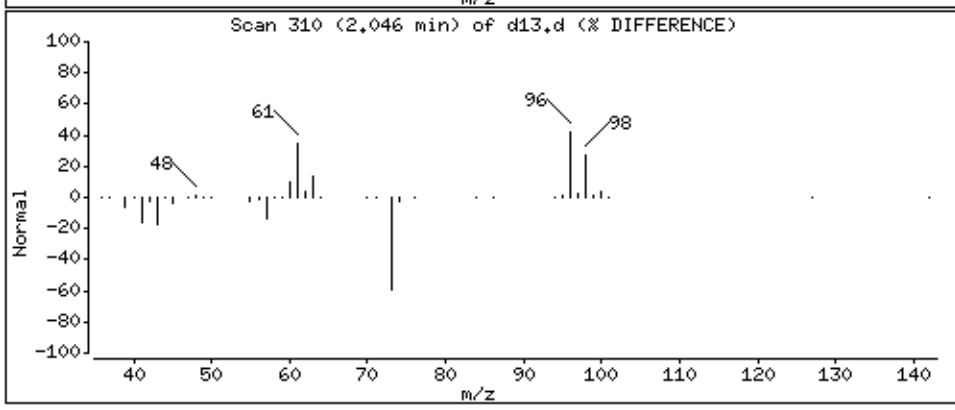
Concentration: 41.5 ppb

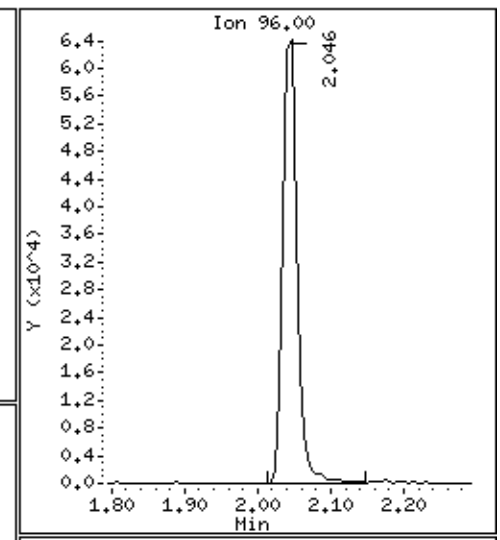
Review Code:

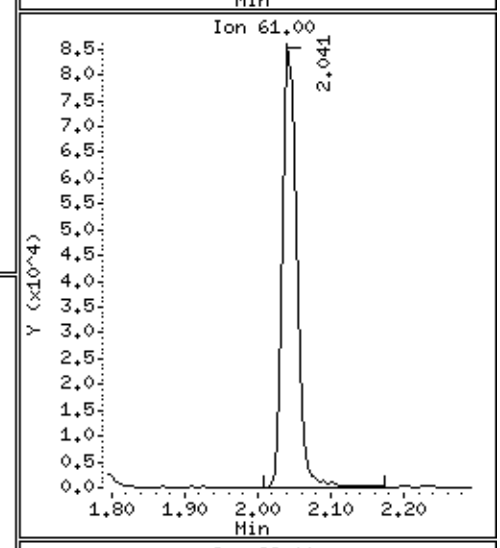


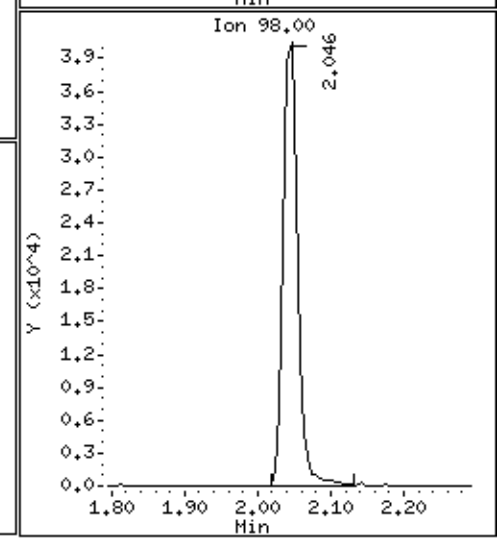












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

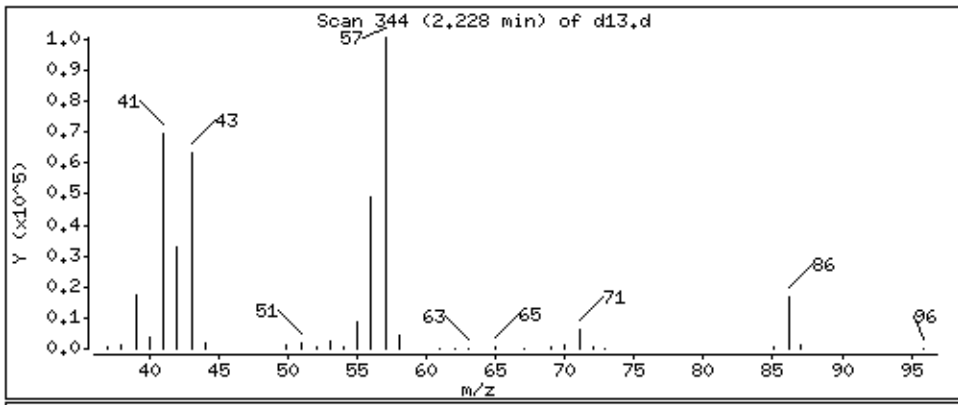
Column phase: DB-624

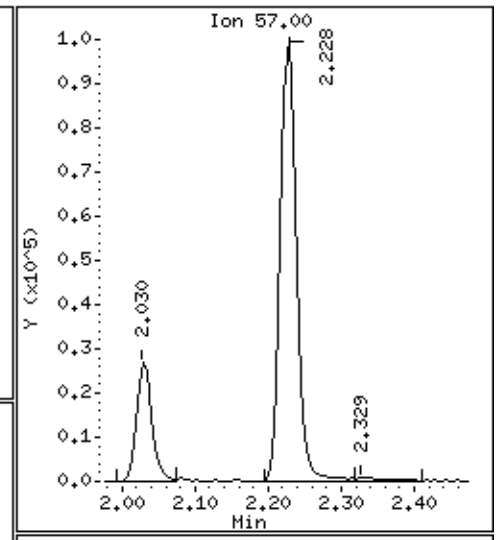
Column diameter: 0.18

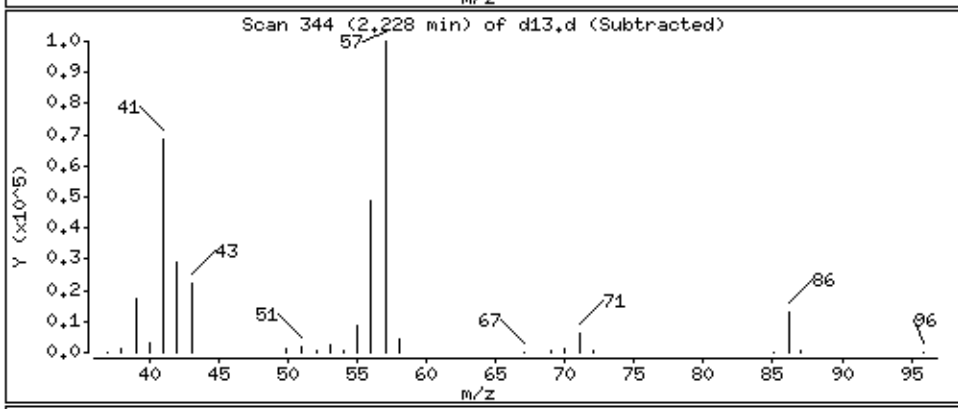
23 n-Hexane

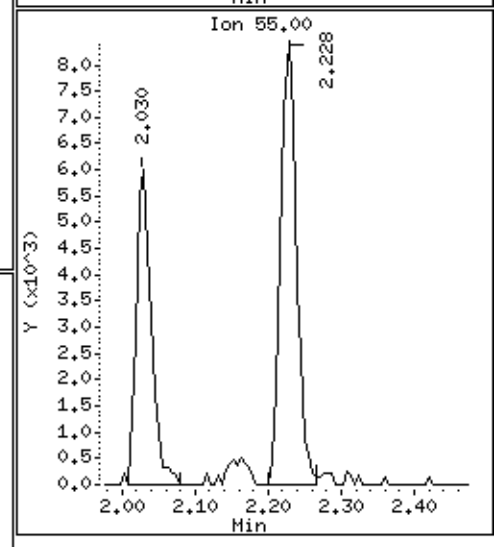
Concentration: 38.2 ppb

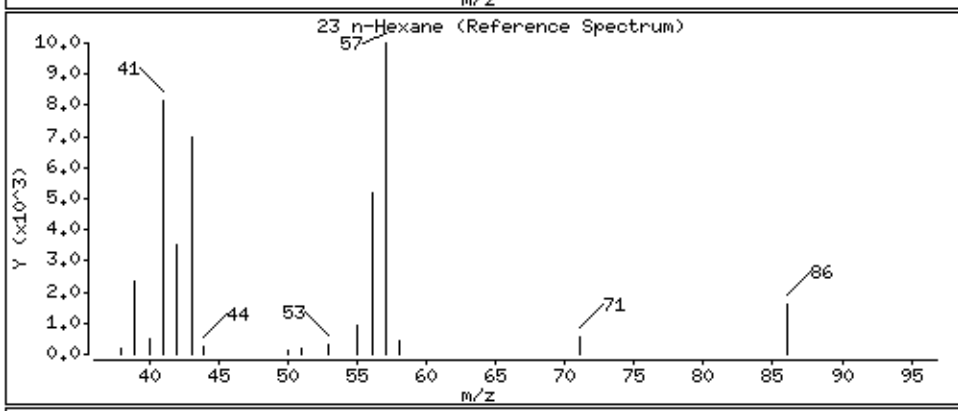
Review Code:

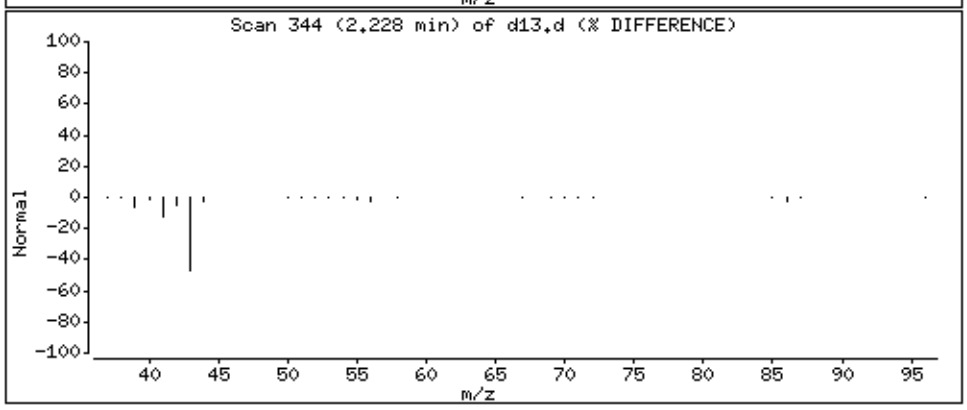












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

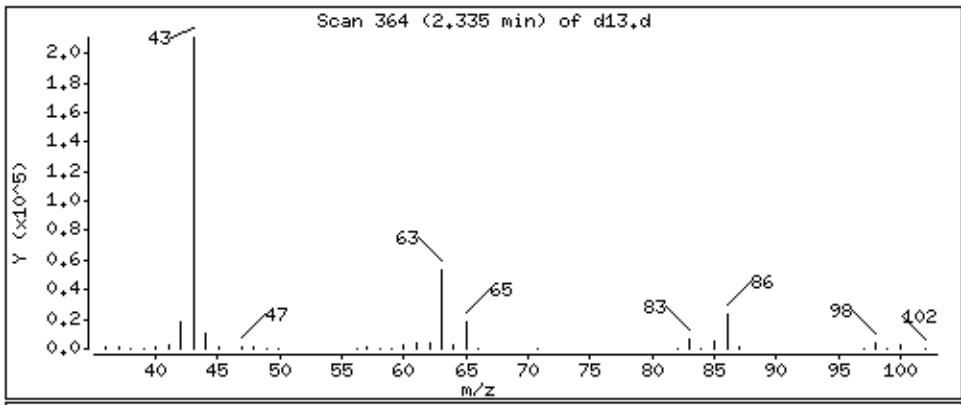
Column phase: DB-624

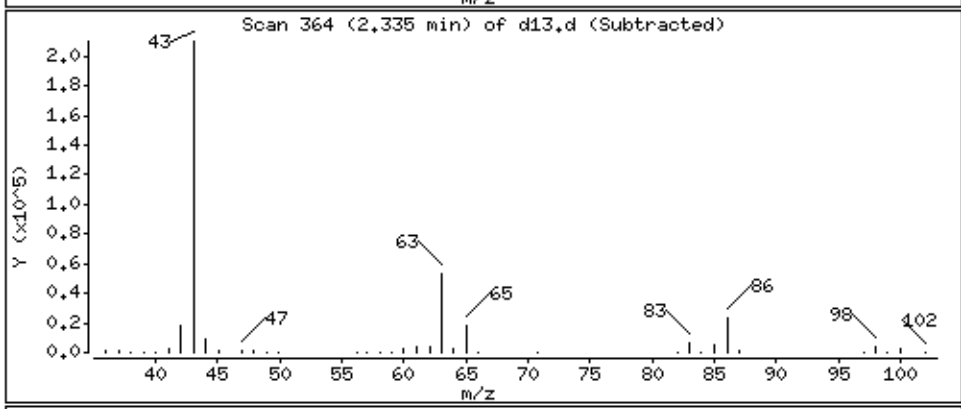
Column diameter: 0.18

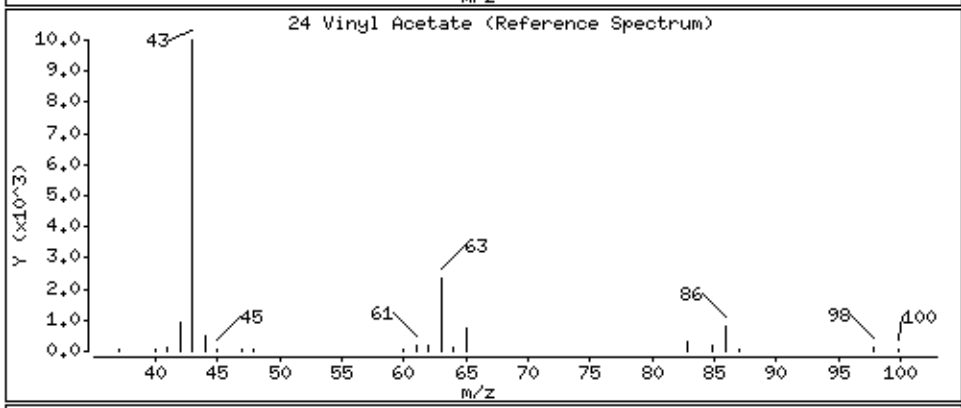
24 Vinyl Acetate

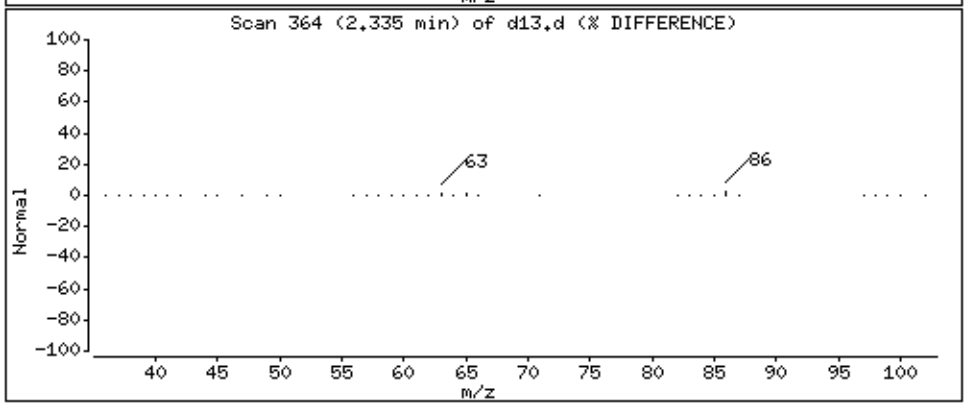
Concentration: 130 ppb

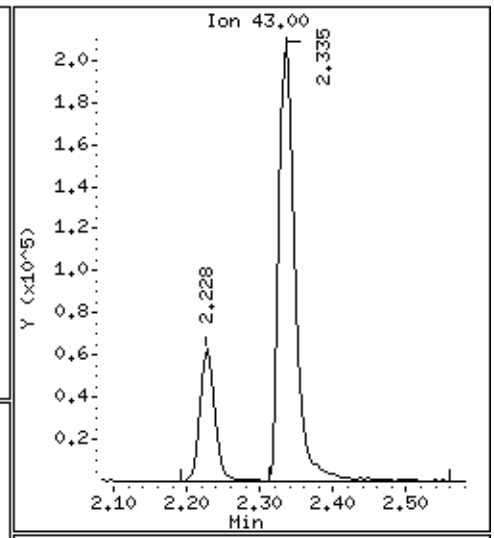
Review Code:

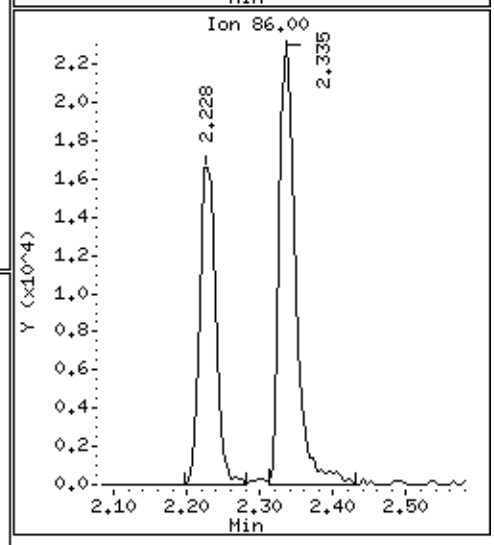












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

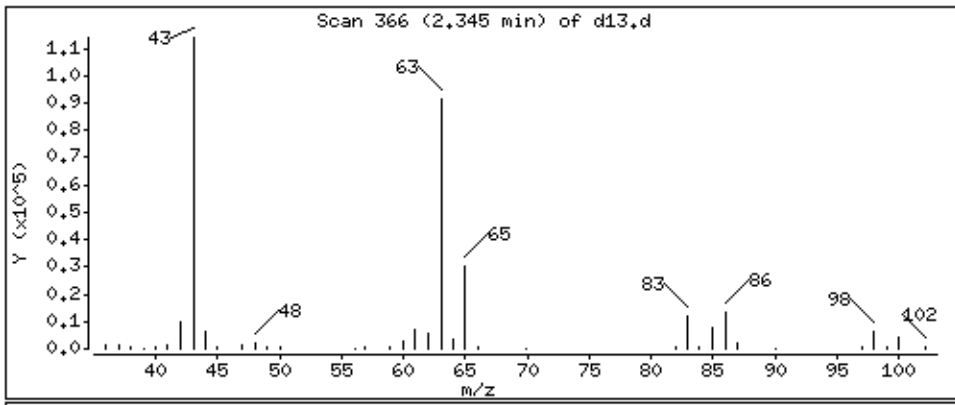
Column phase: DB-624

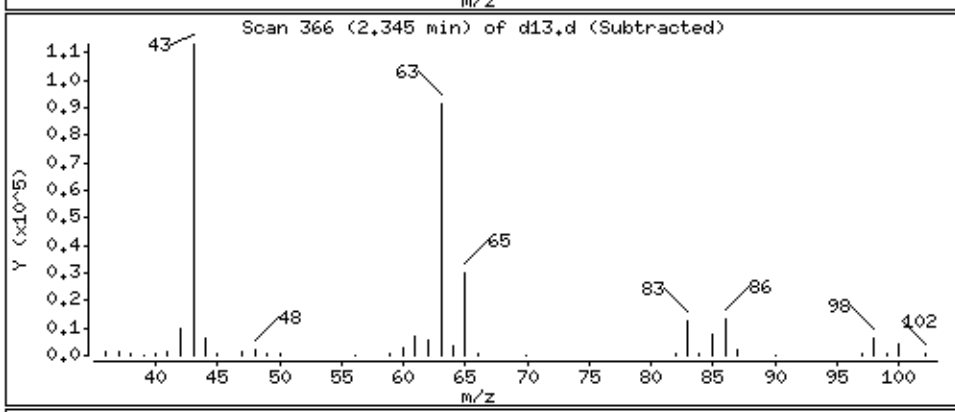
Column diameter: 0.18

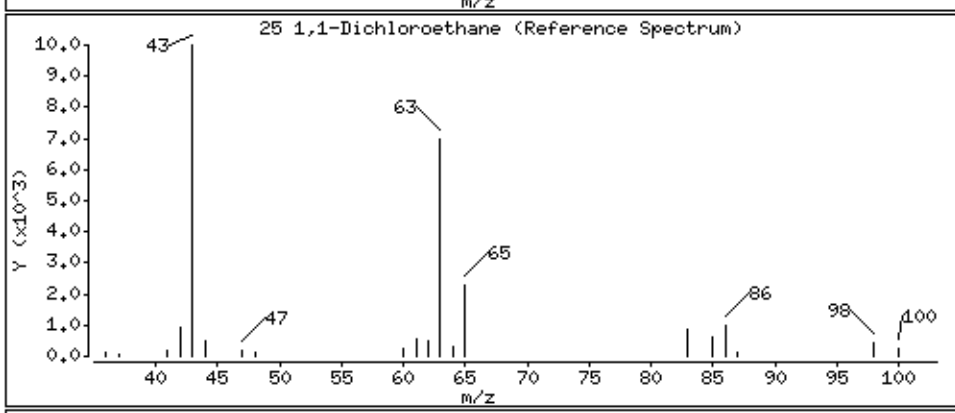
25 1,1-Dichloroethane

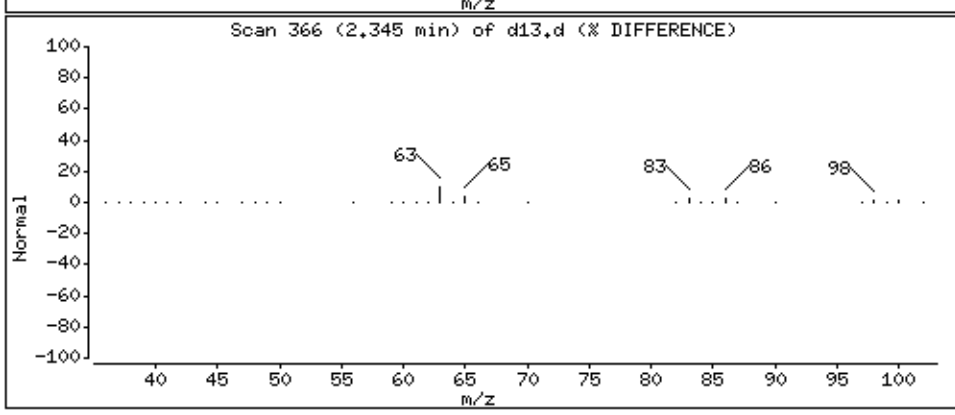
Concentration: 41.2 ppb

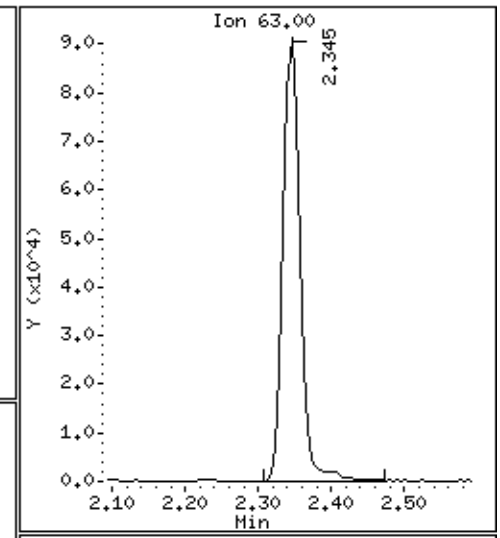
Review Code:

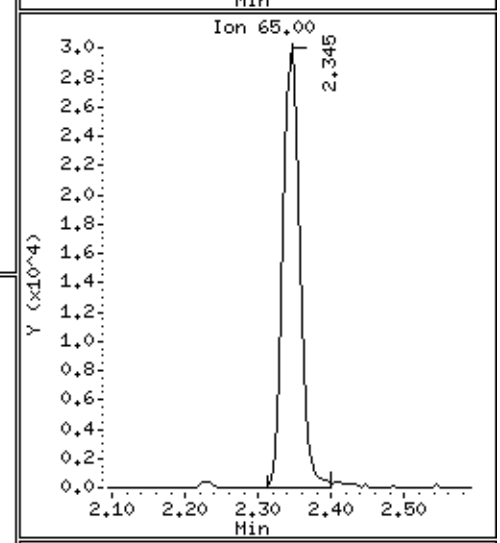


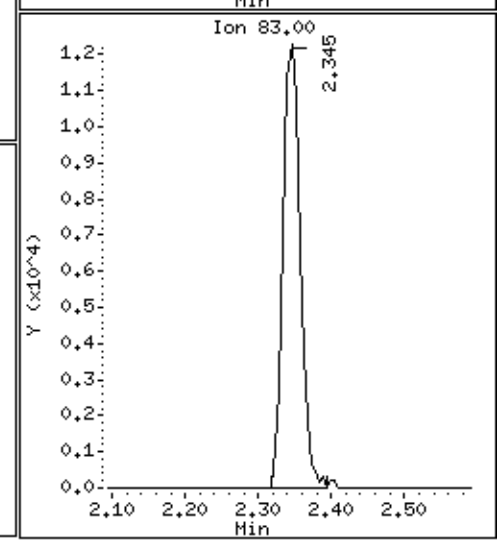












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

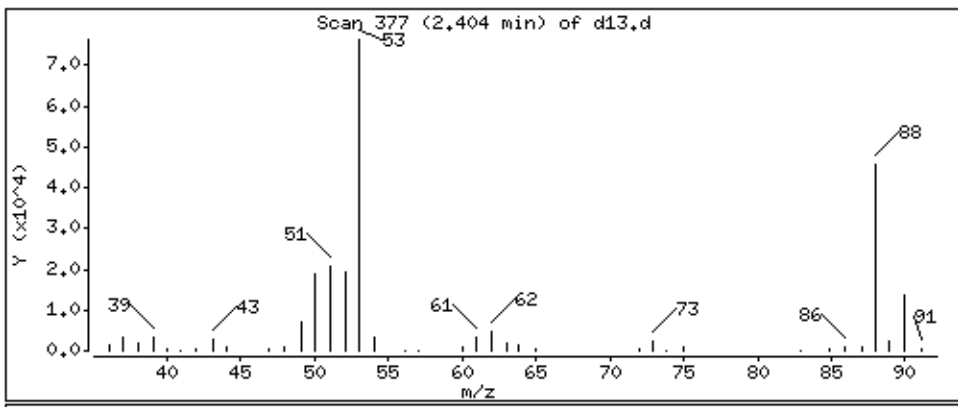
Column phase: DB-624

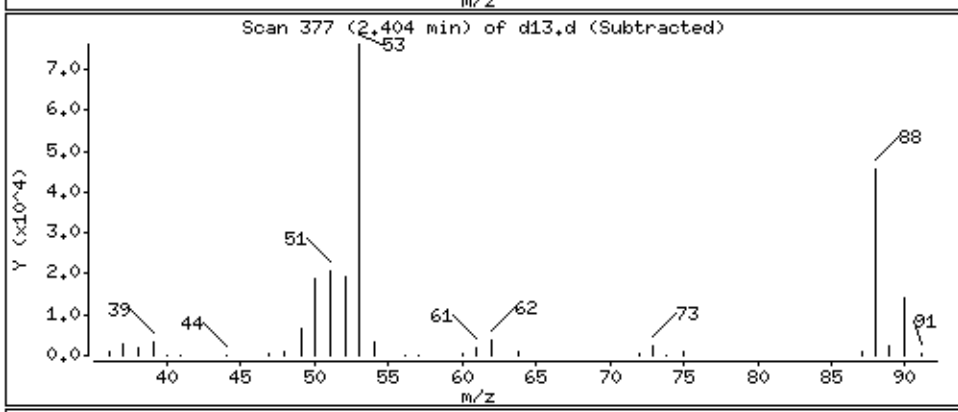
Column diameter: 0.18

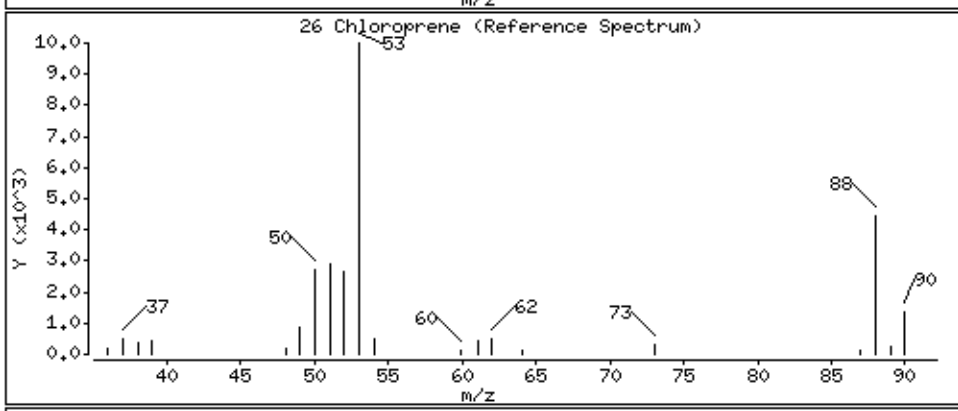
26 Chloroprene

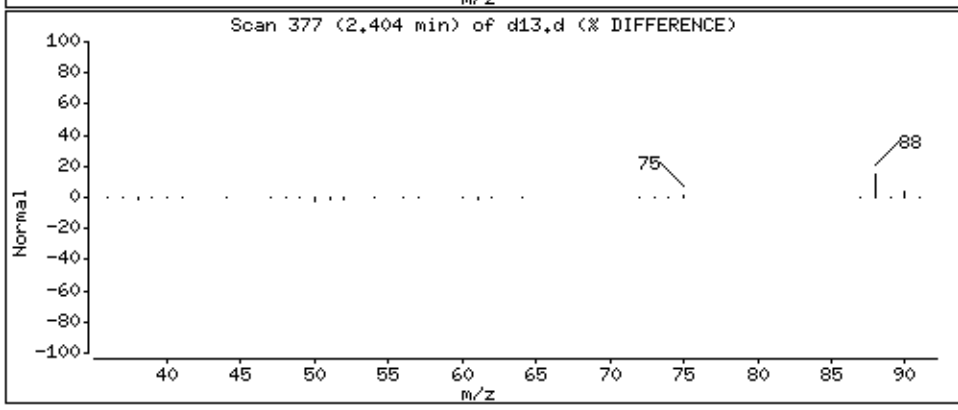
Concentration: 36.3 ppb

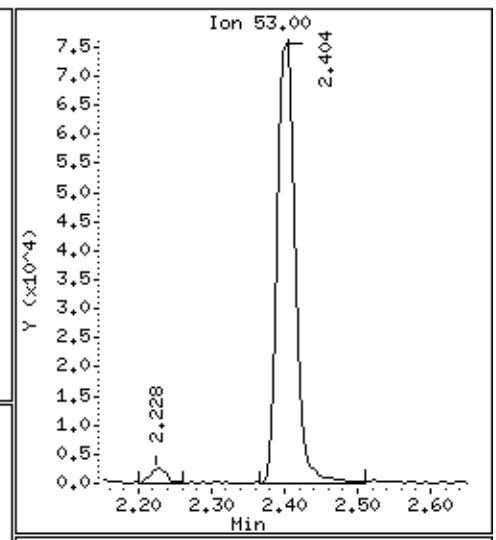
Review Code:

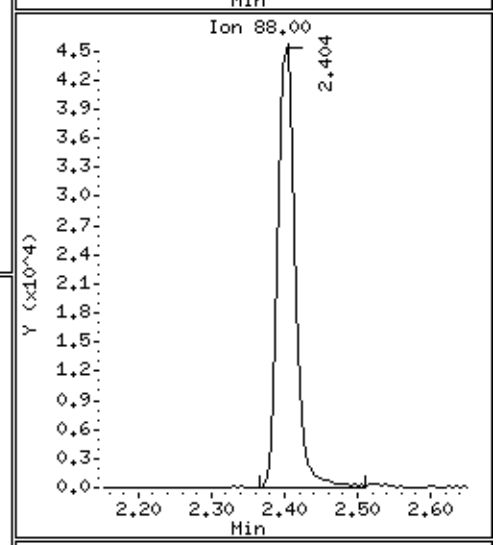


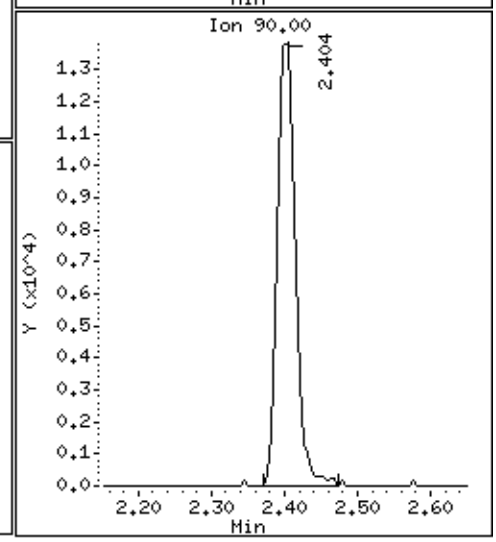












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

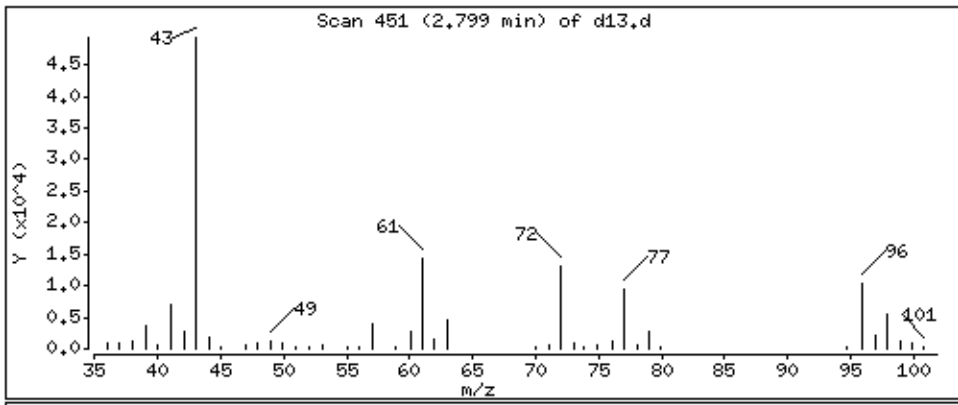
Column phase: DB-624

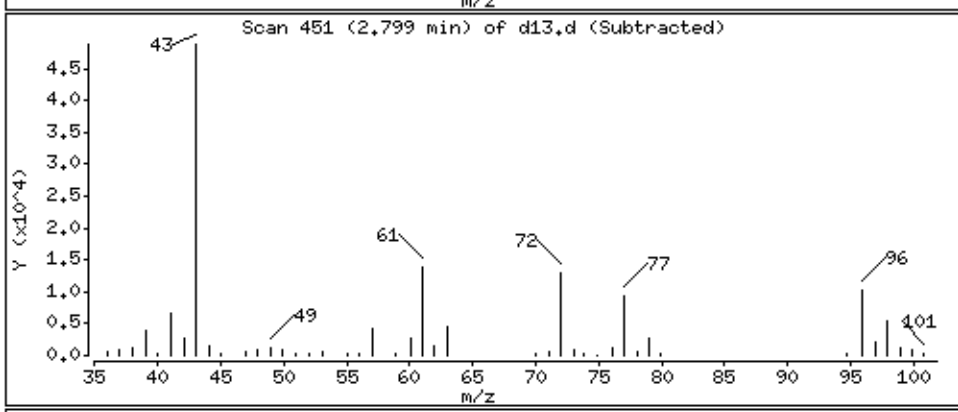
Column diameter: 0.18

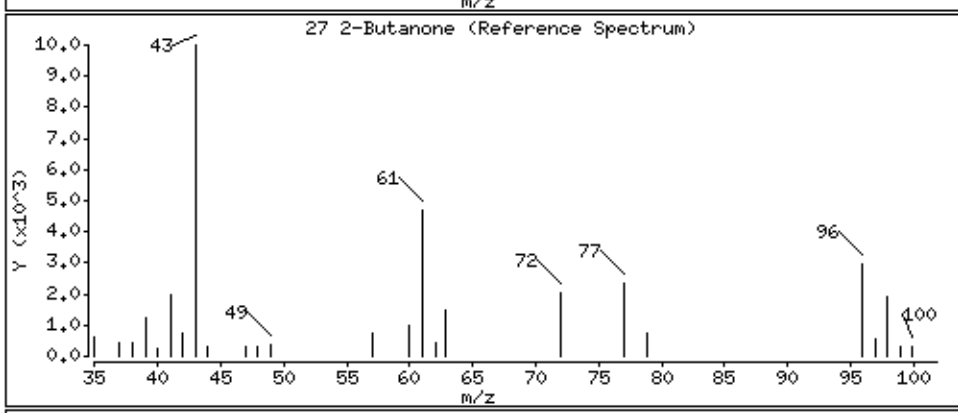
27 2-Butanone

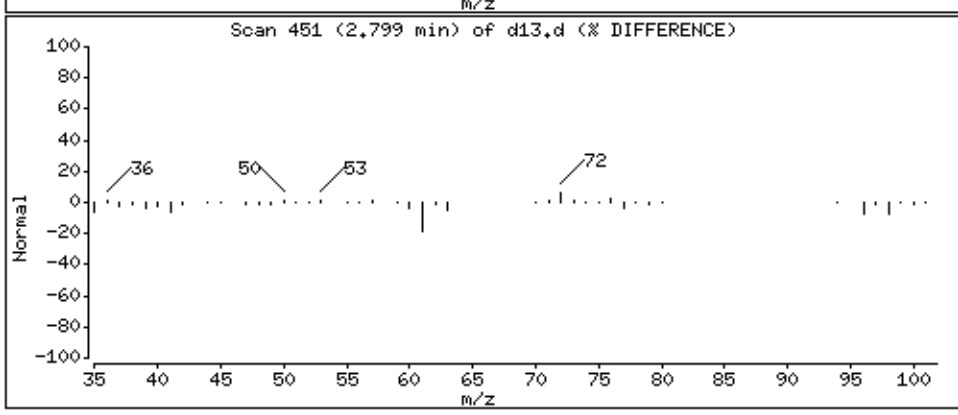
Concentration: 288 ppb

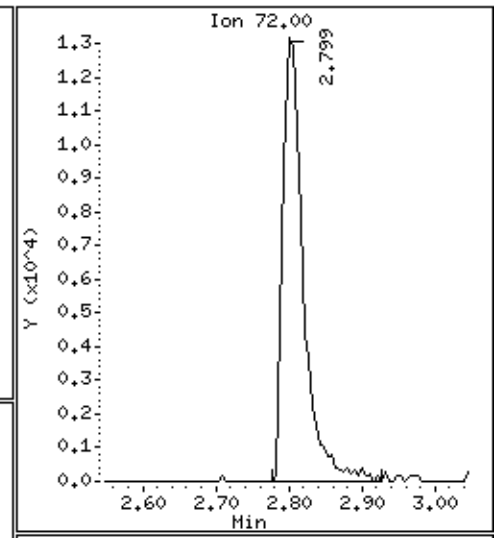
Review Code:

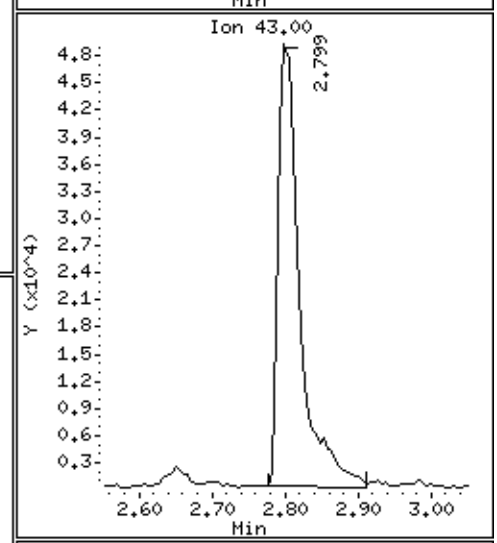


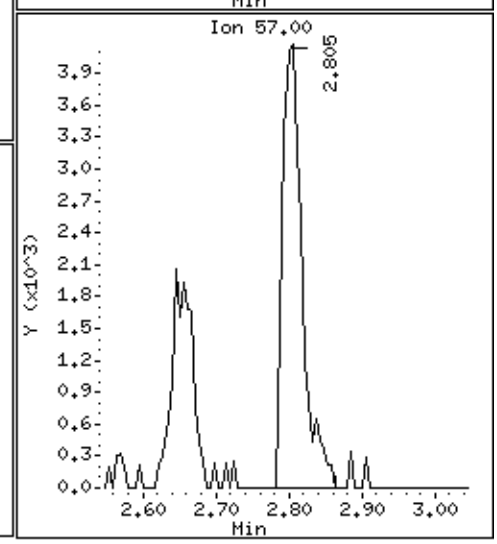












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

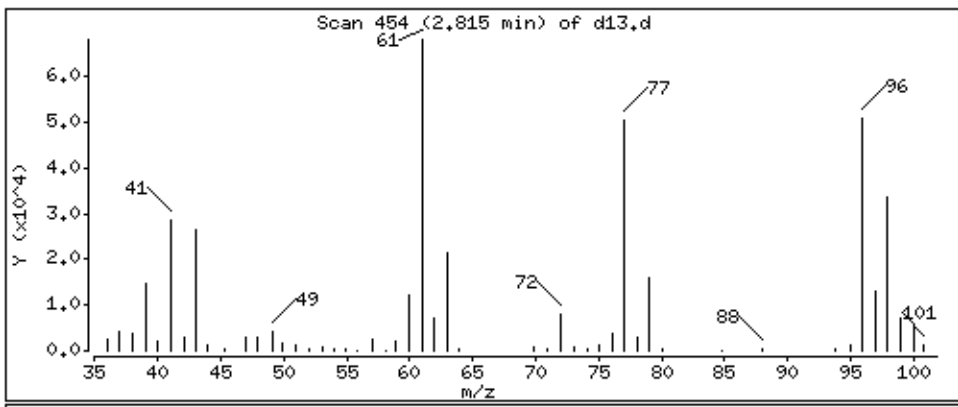
Column phase: DB-624

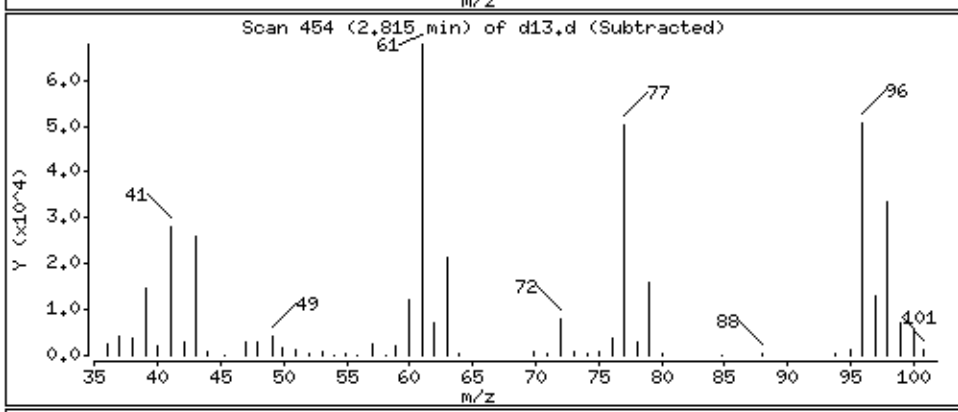
Column diameter: 0.18

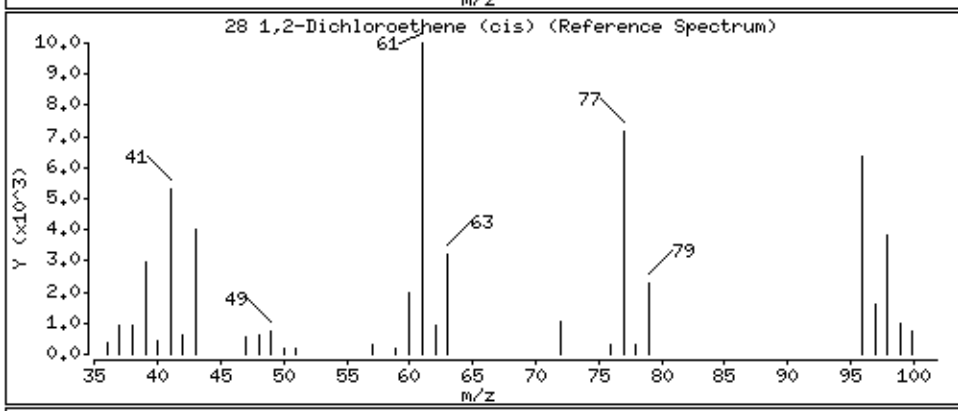
28 1,2-Dichloroethene (cis)

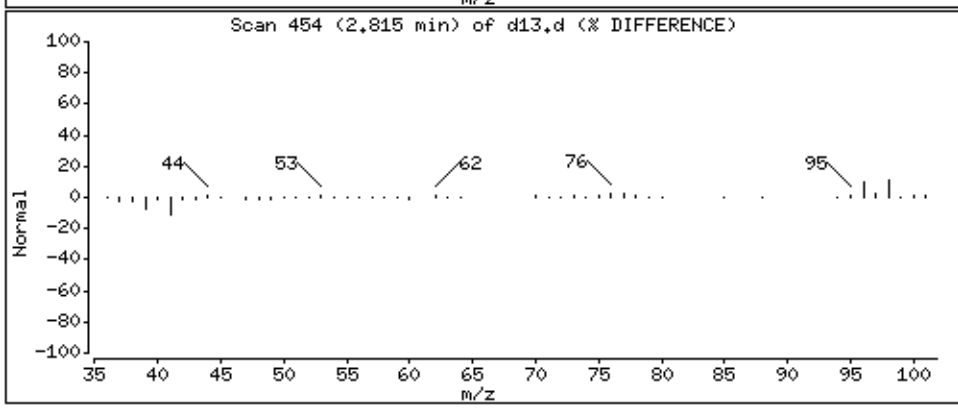
Concentration: 44.0 ppb

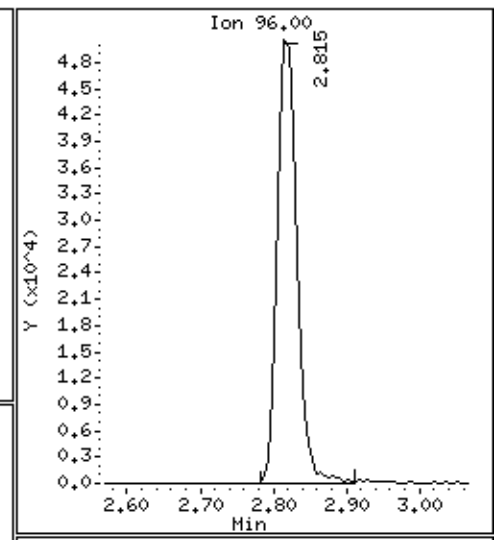
Review Code:

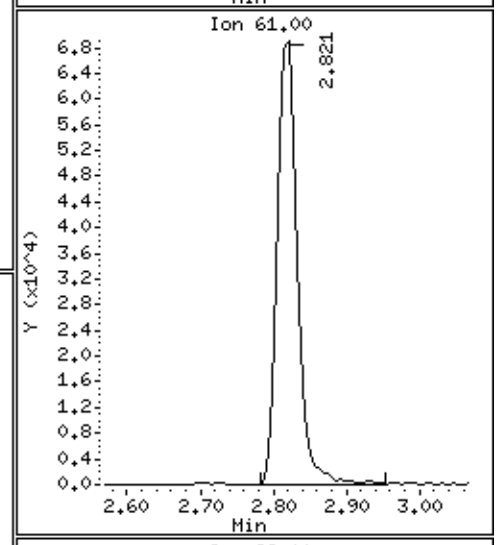


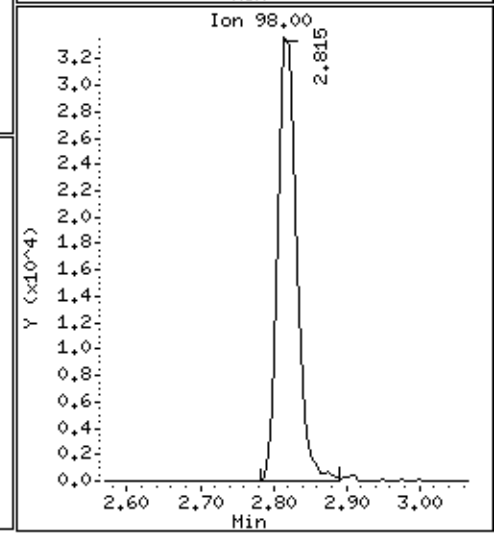












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

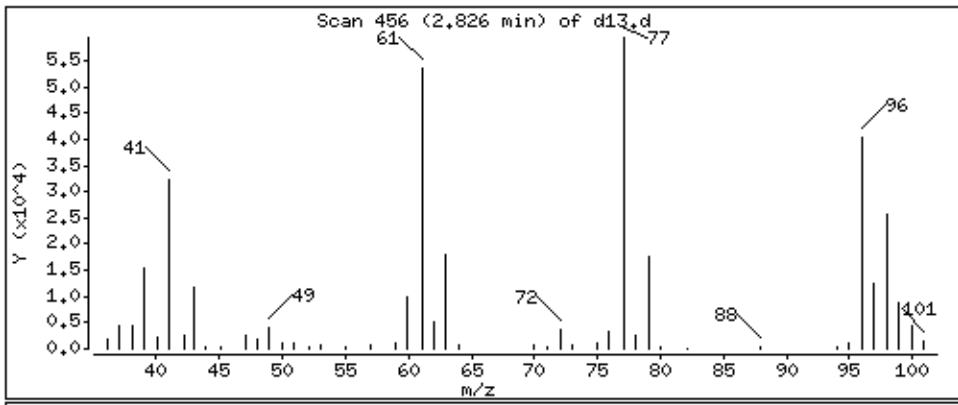
Column phase: DB-624

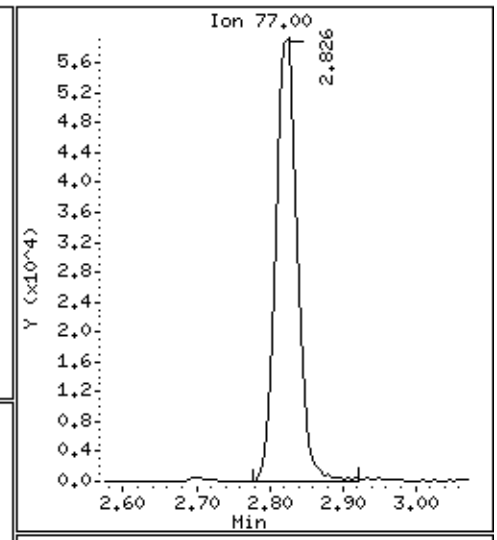
Column diameter: 0.18

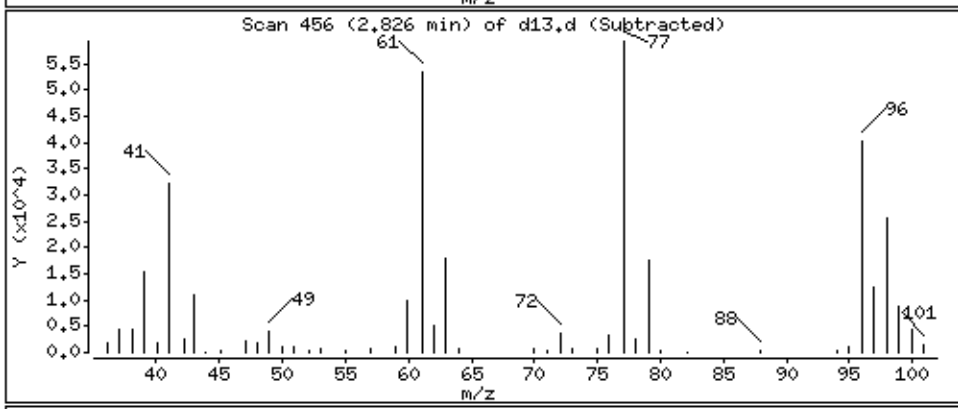
29 2,2-Dichloropropane

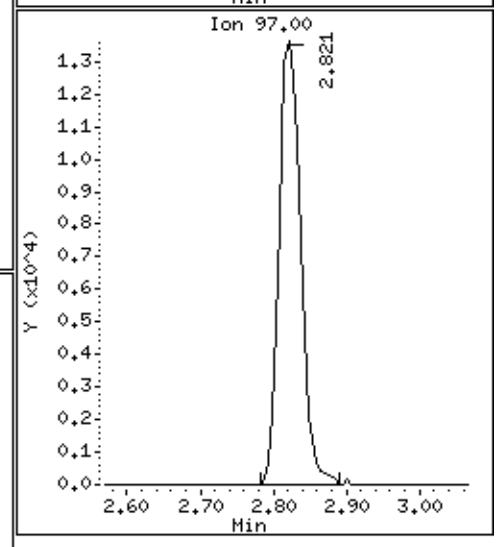
Concentration: 36.5 ppb

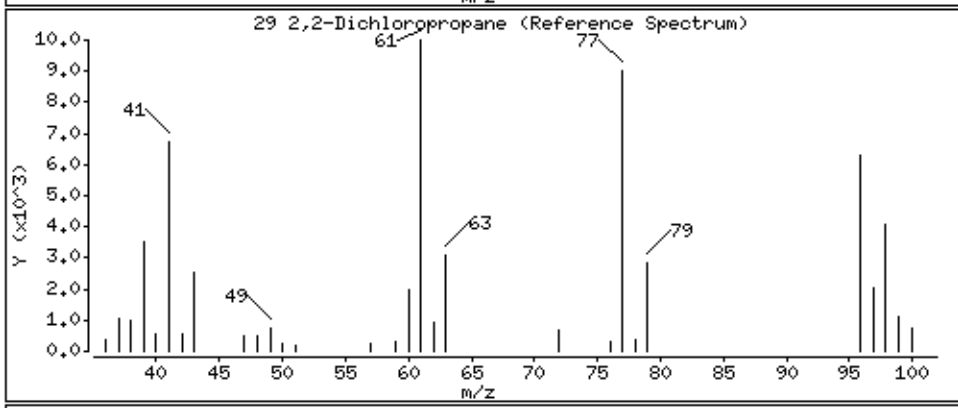
Review Code:

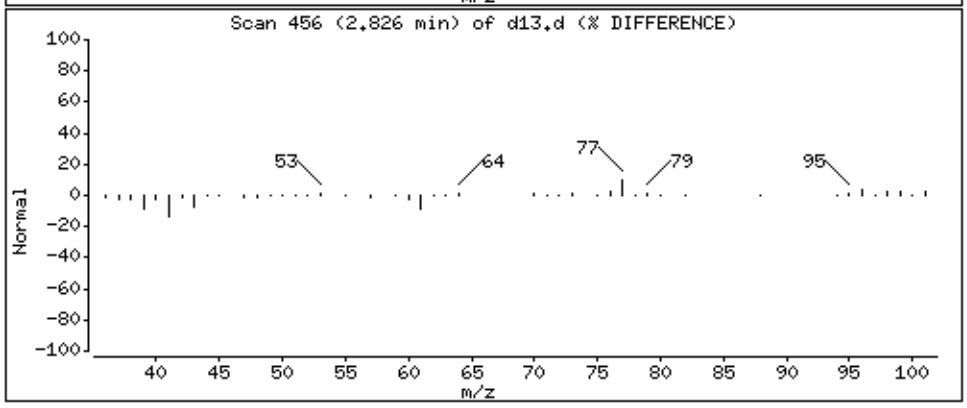












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

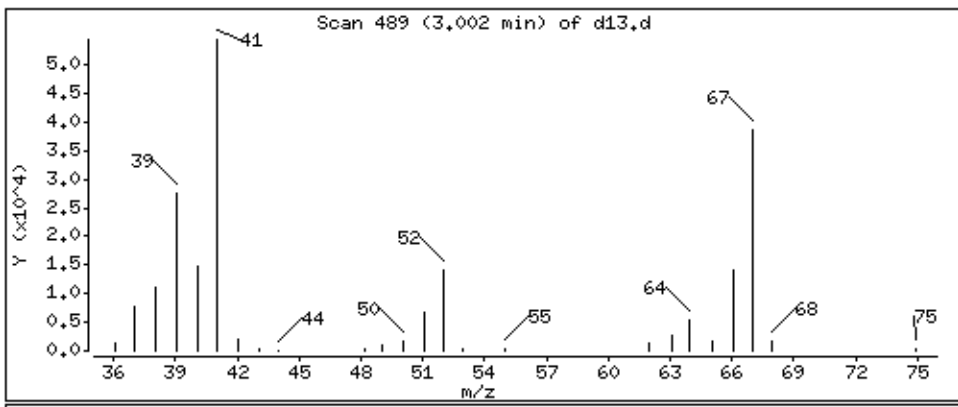
Column phase: DB-624

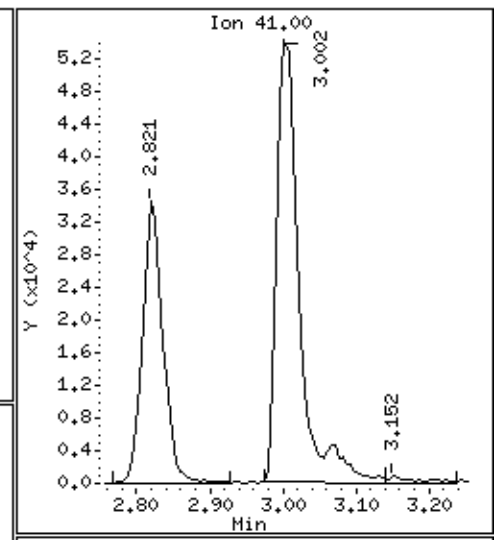
Column diameter: 0.18

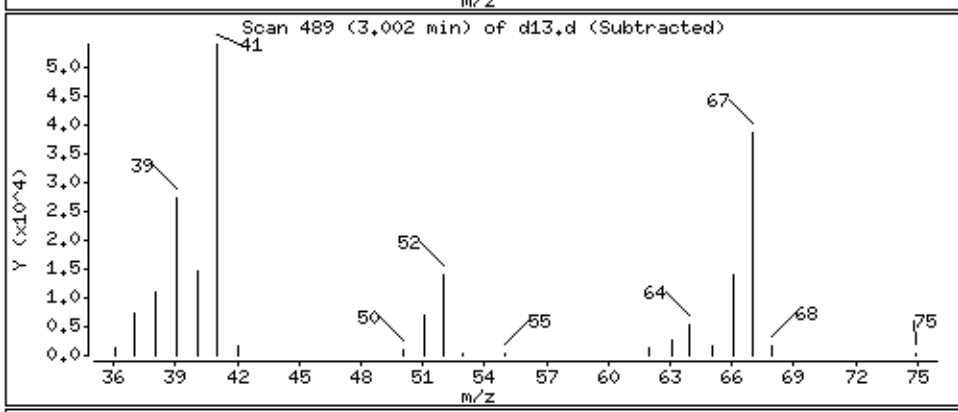
31 Methacrylonitrile

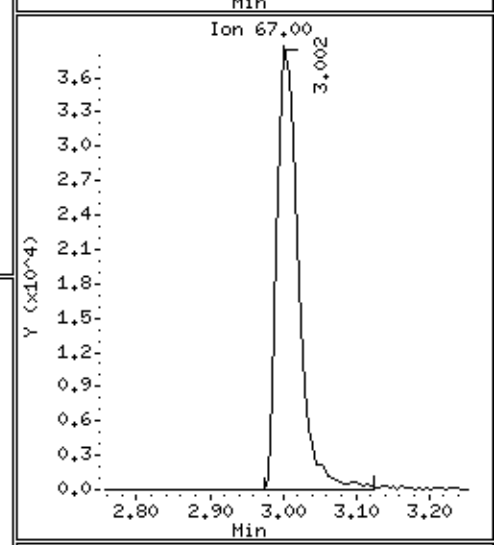
Concentration: 208 ppb

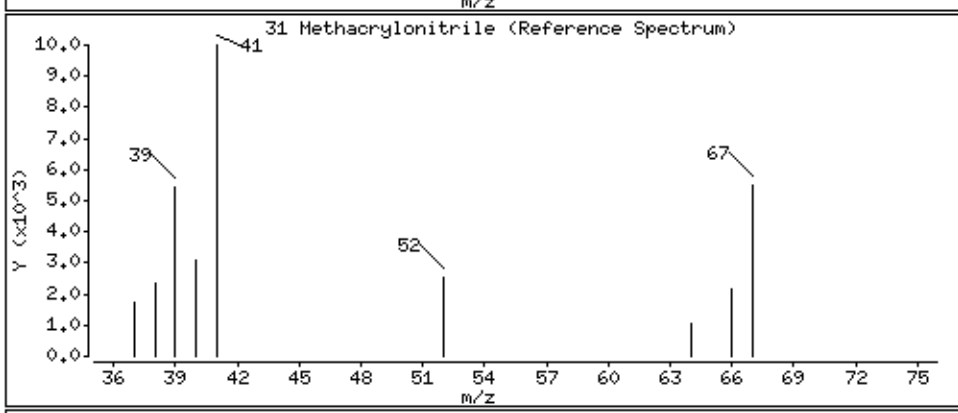
Review Code:

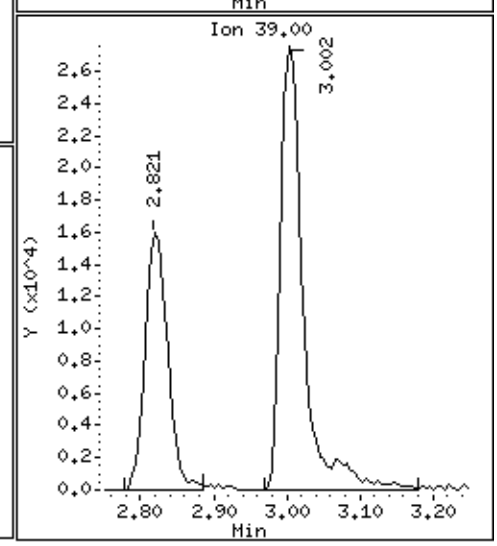


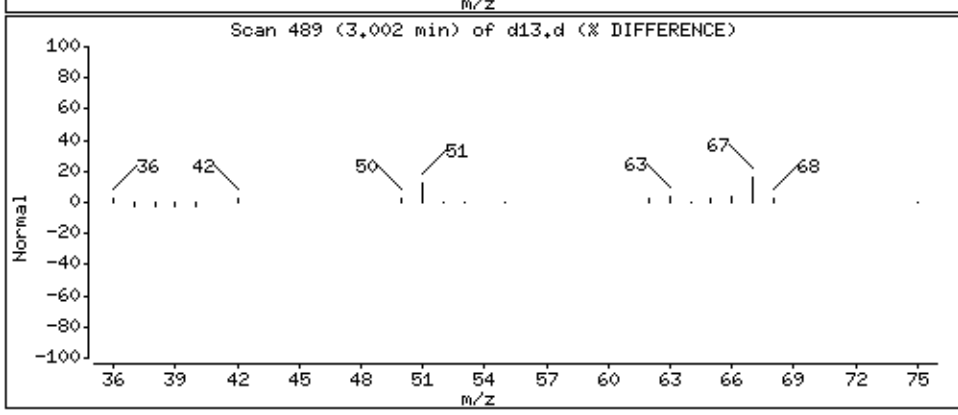












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

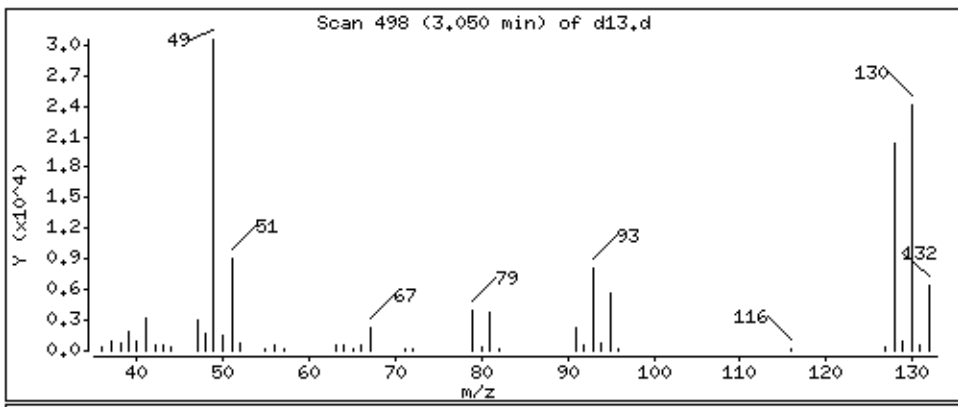
Column phase: DB-624

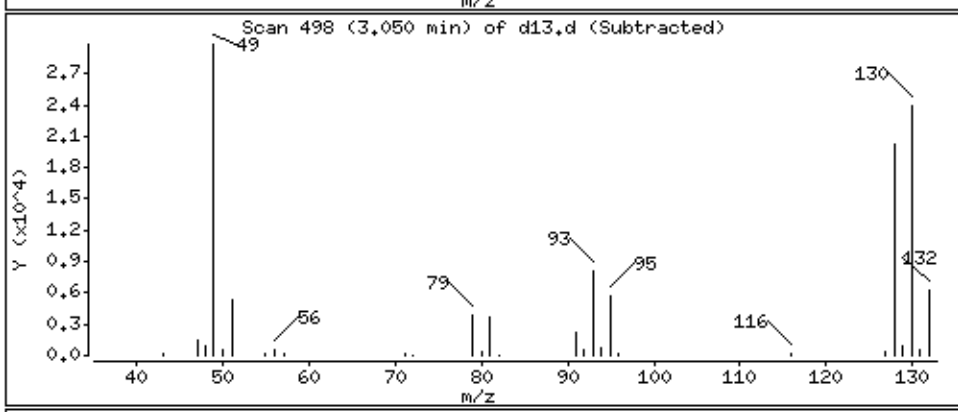
Column diameter: 0.18

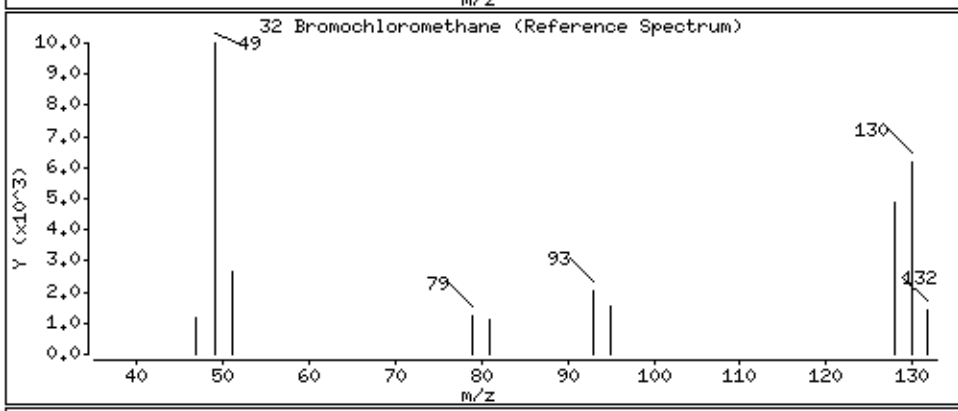
32 Bromochloromethane

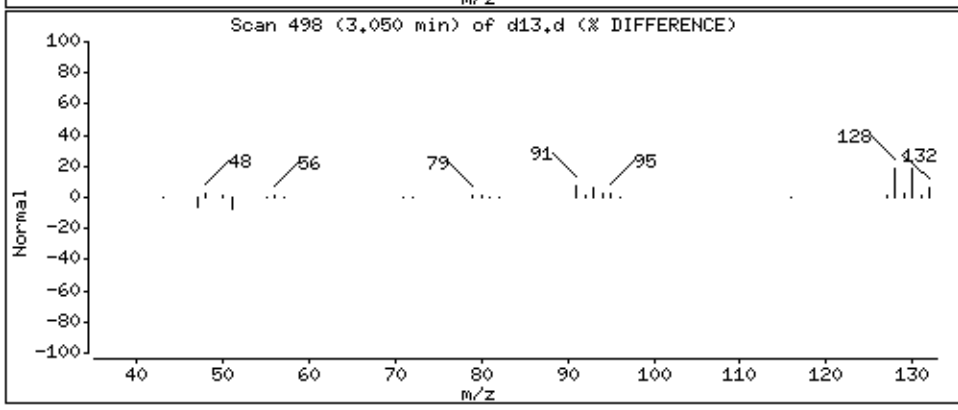
Concentration: 43.4 ppb

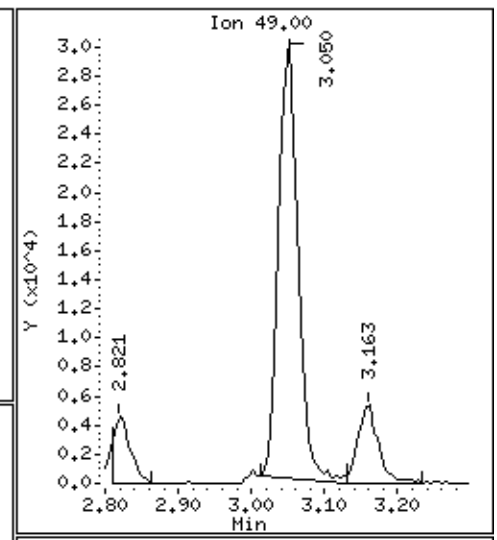
Review Code:

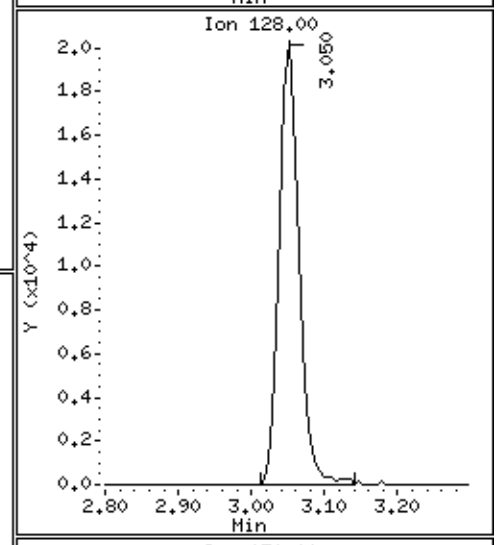


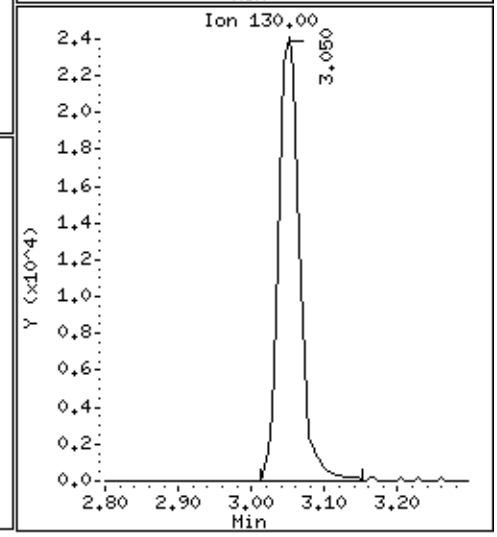












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

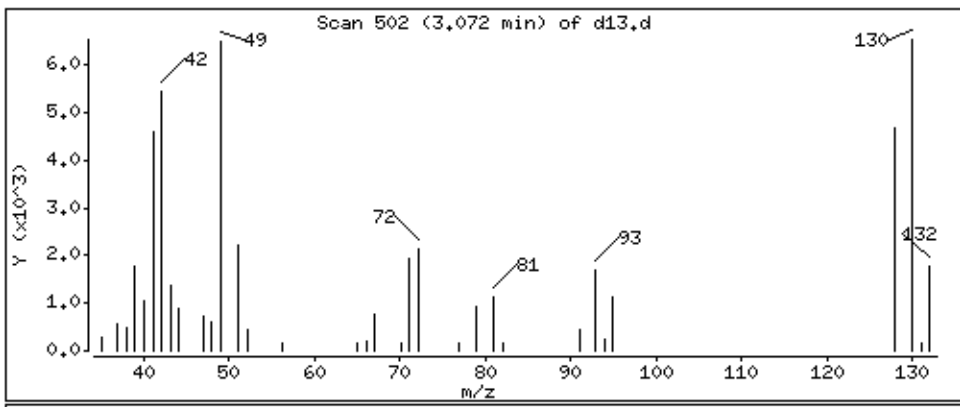
Column phase: DB-624

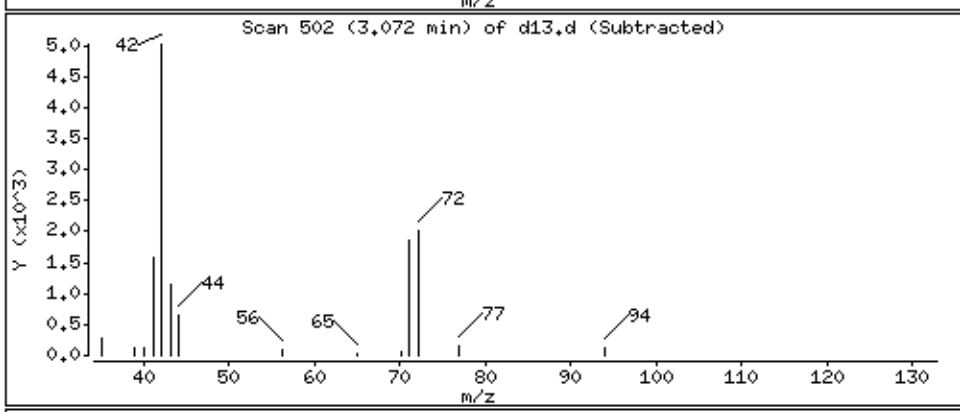
Column diameter: 0.18

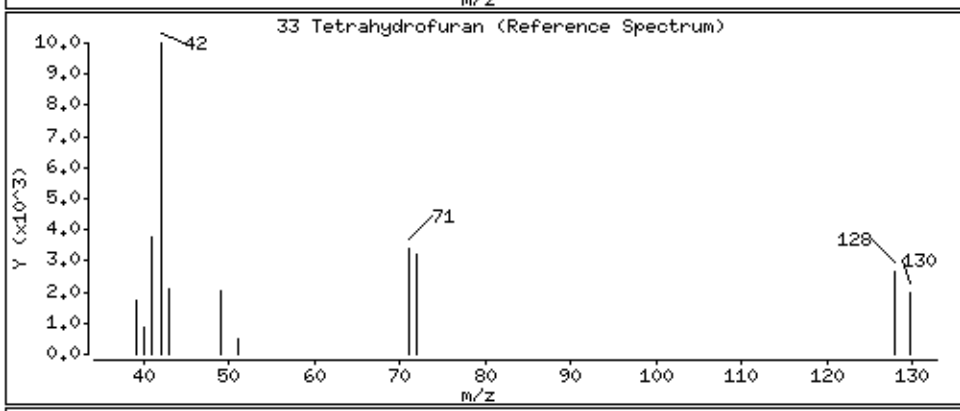
33 Tetrahydrofuran

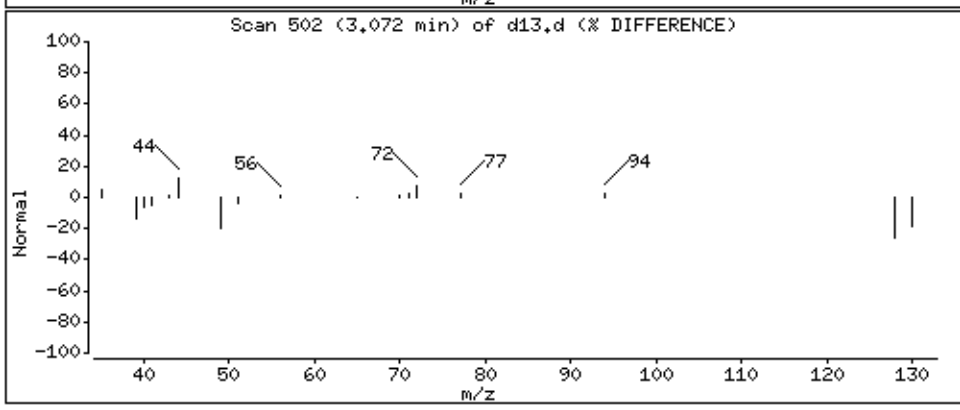
Concentration: 41.6 ppb

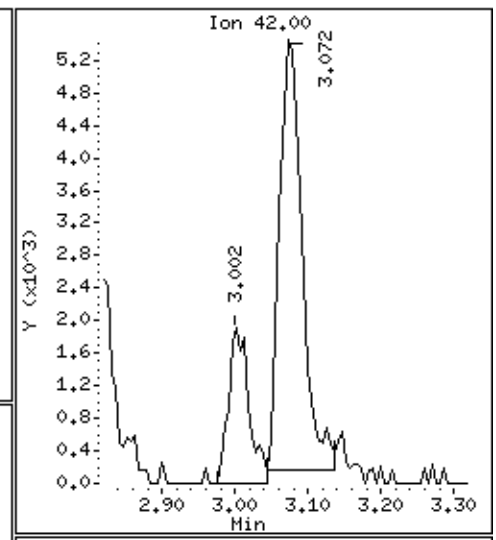
Review Code:

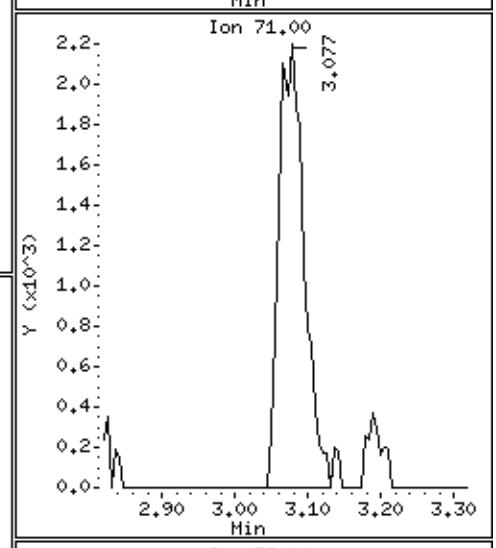


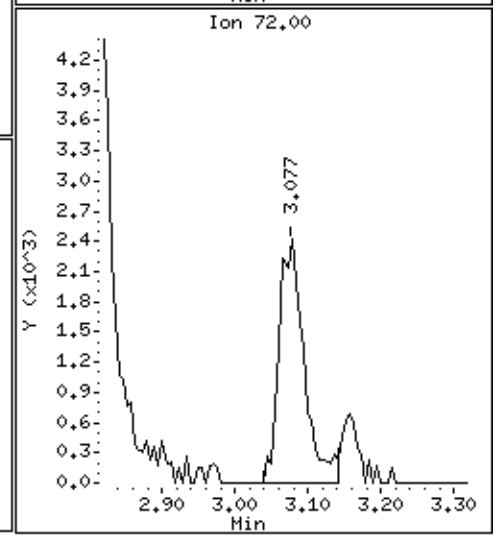












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

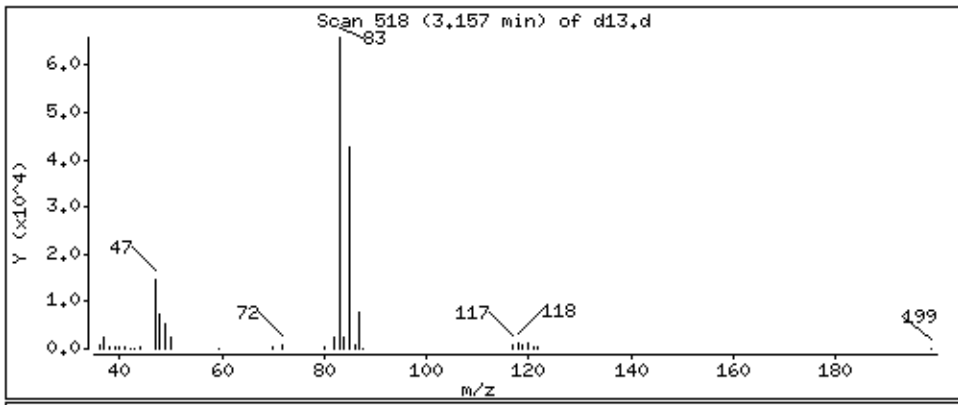
Column phase: DB-624

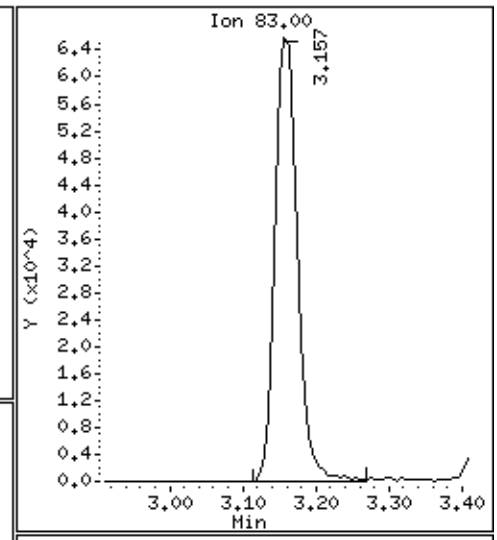
Column diameter: 0.18

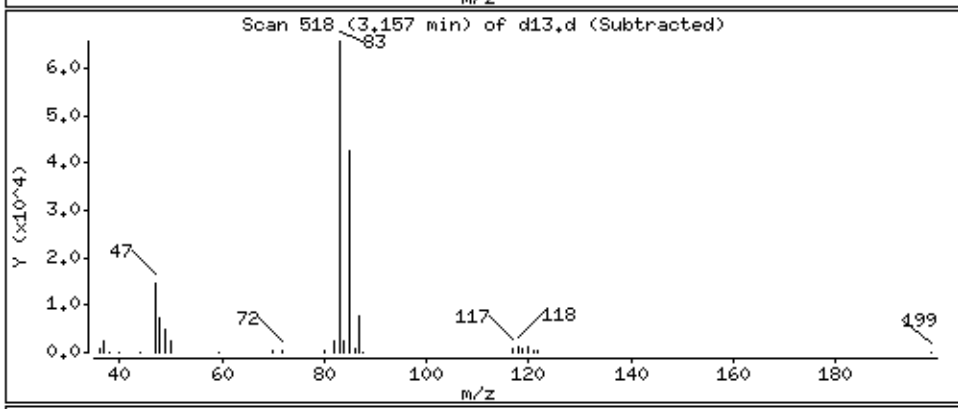
34 Chloroform

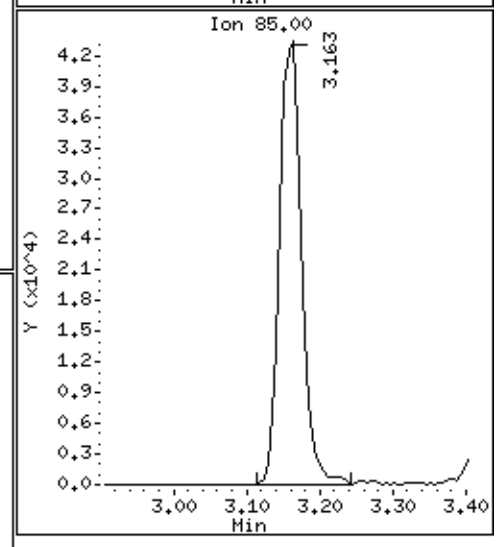
Concentration: 40.8 ppb

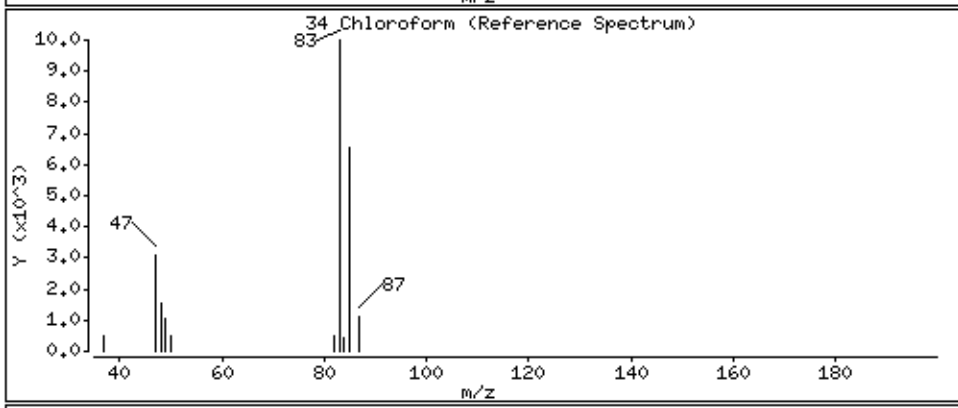
Review Code:

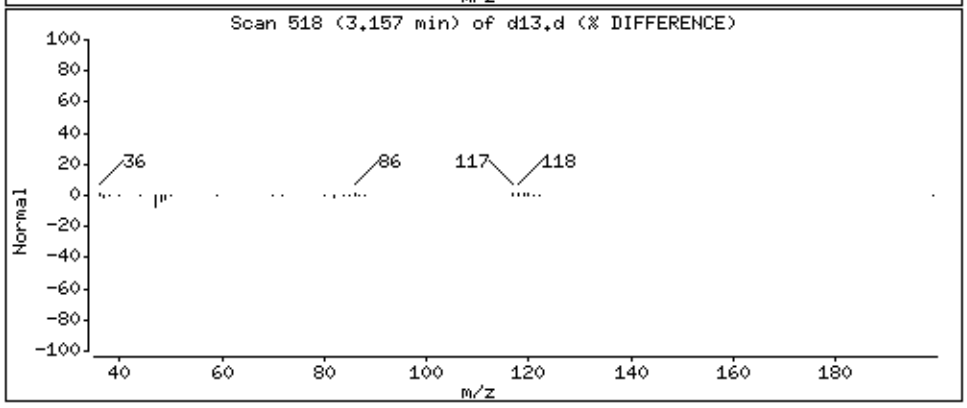












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

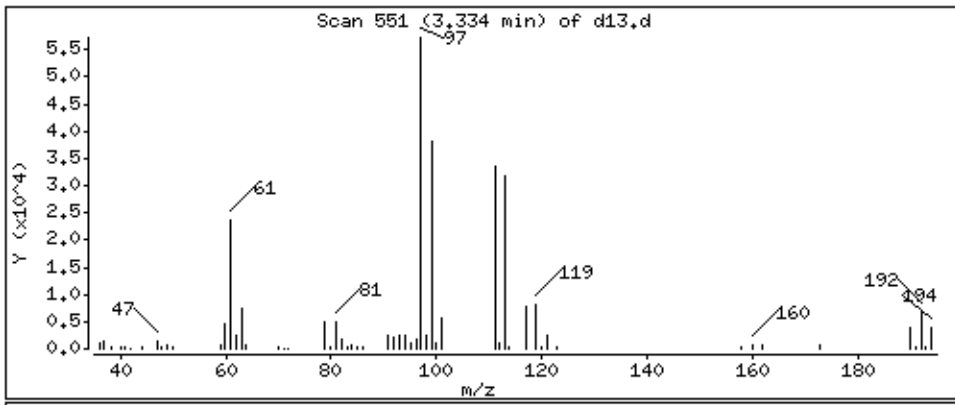
Column phase: DB-624

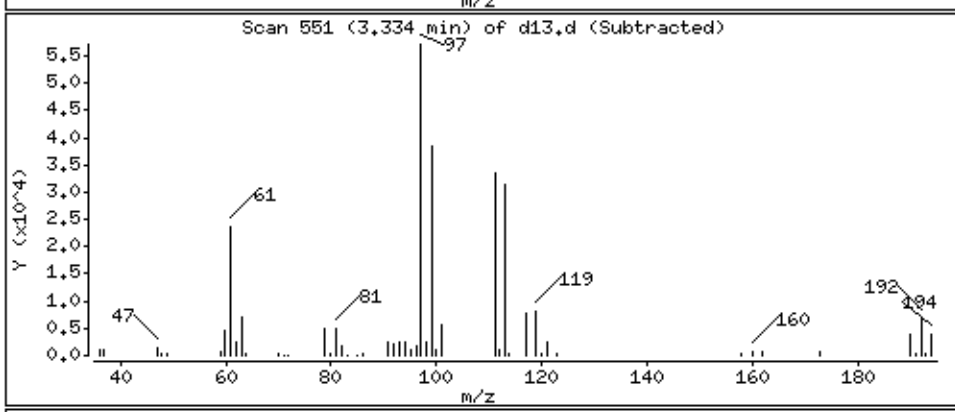
Column diameter: 0.18

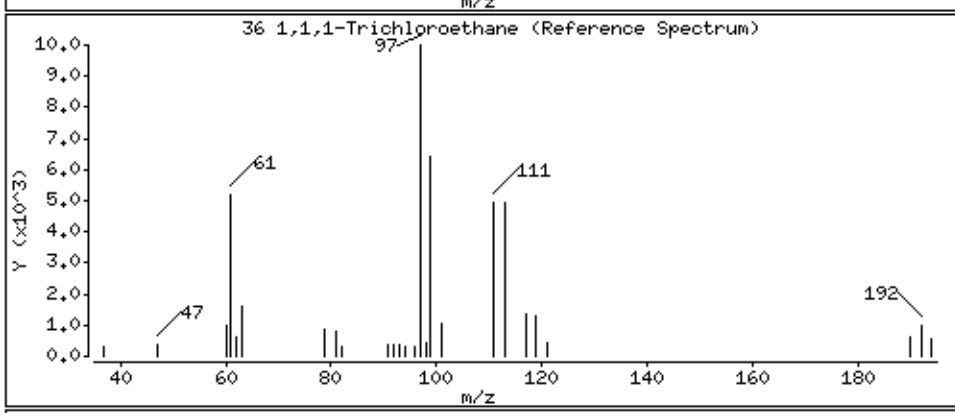
36 1,1,1-Trichloroethane

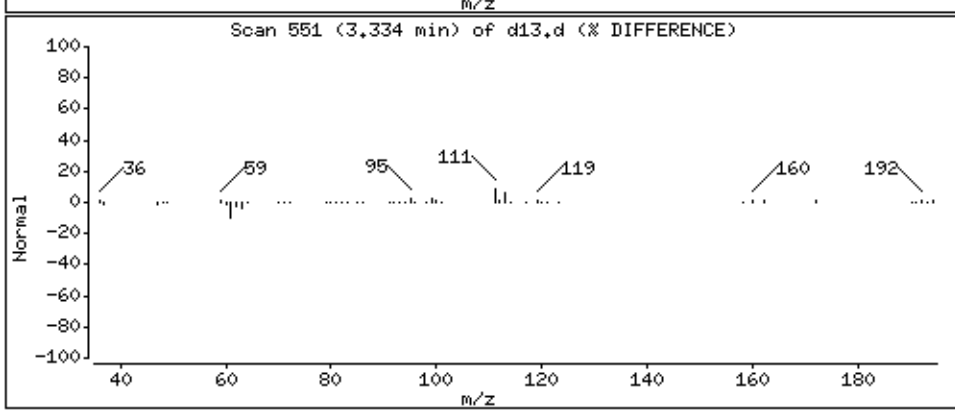
Concentration: 38.3 ppb

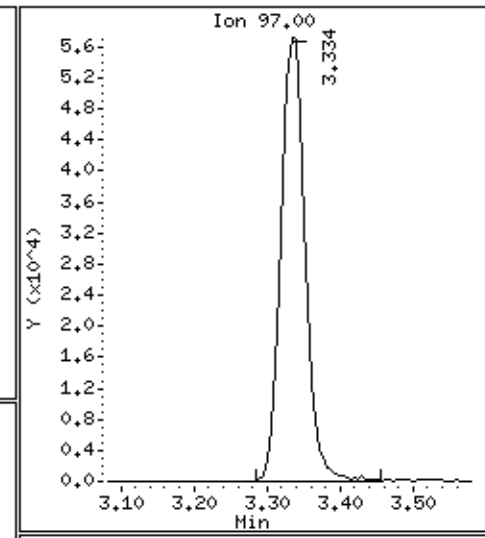
Review Code:

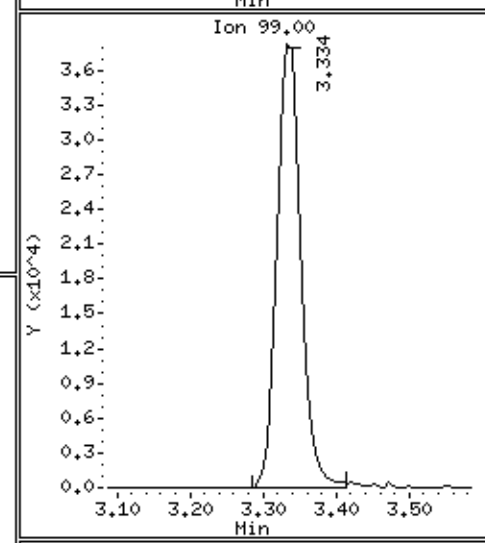


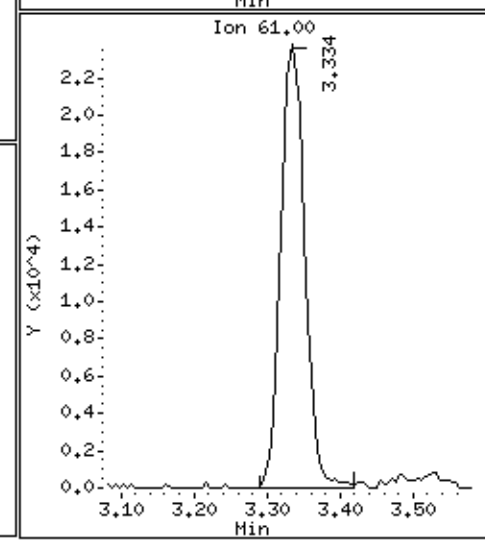












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

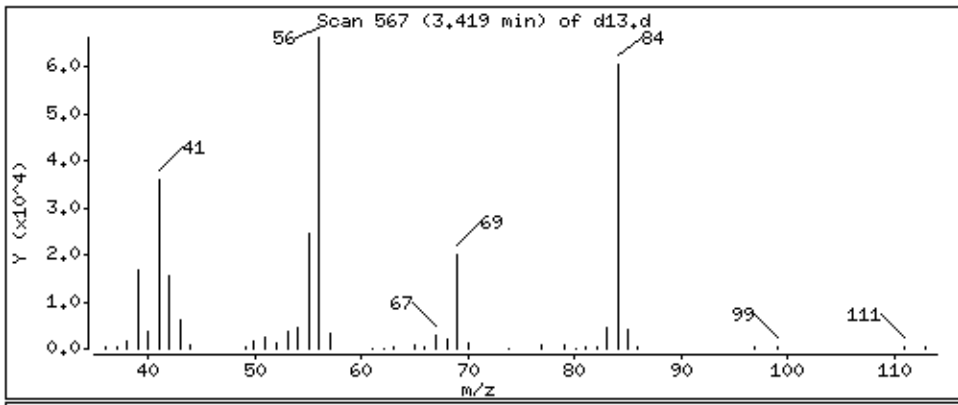
Column phase: DB-624

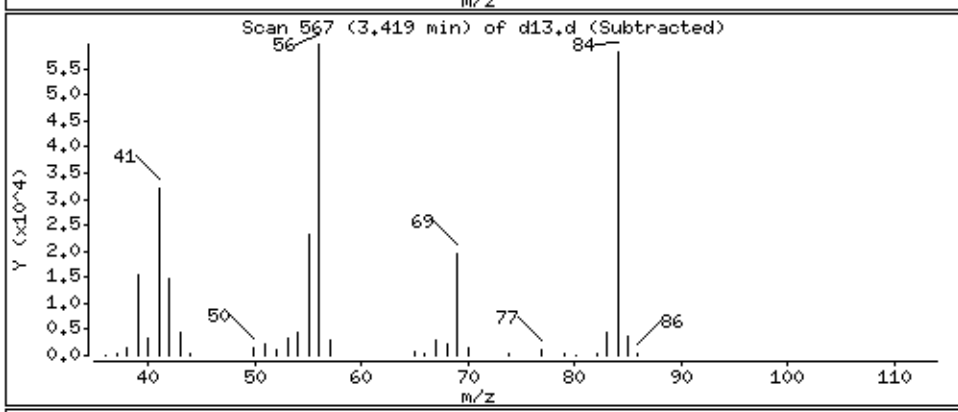
Column diameter: 0.18

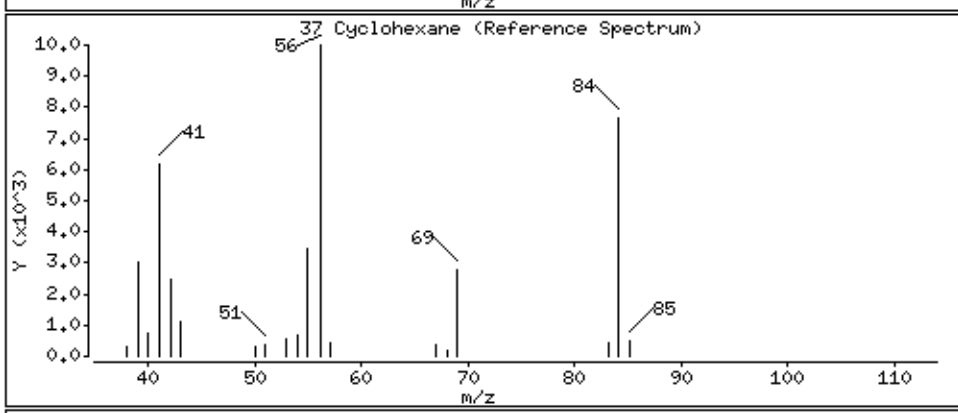
37 Cyclohexane

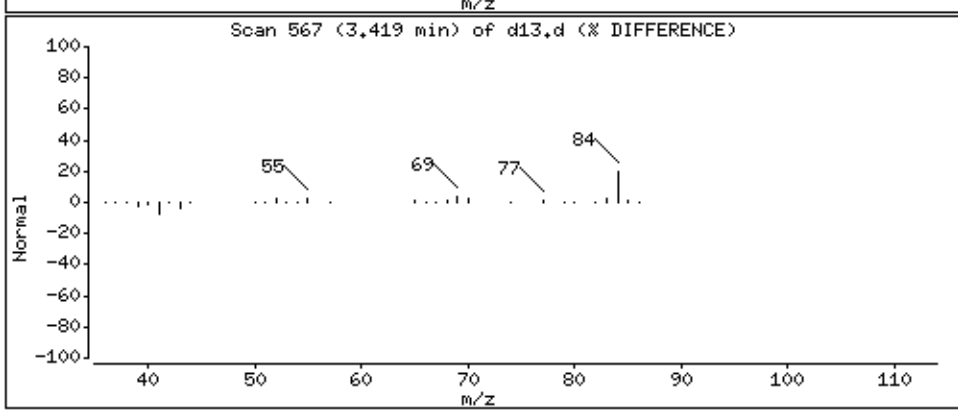
Concentration: 34.9 ppb

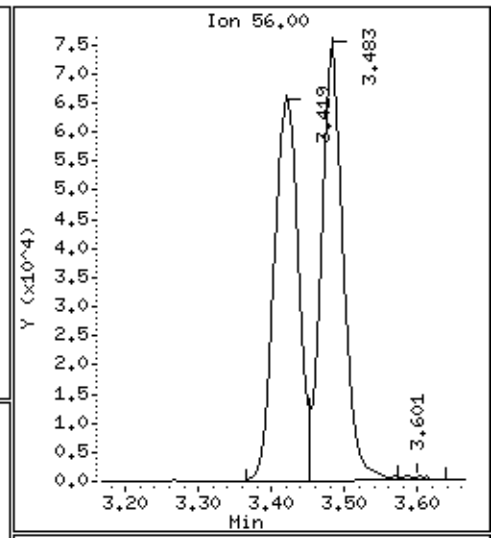
Review Code:

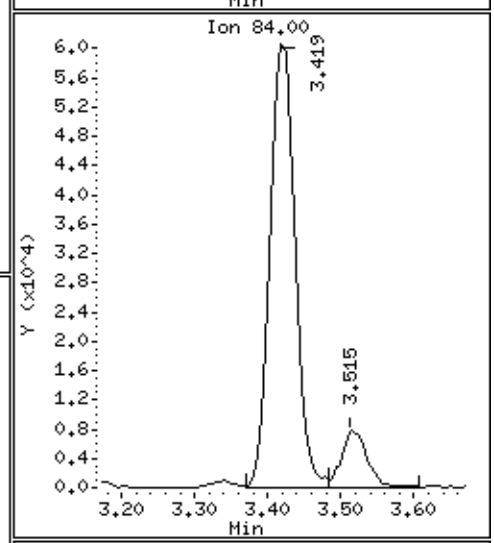


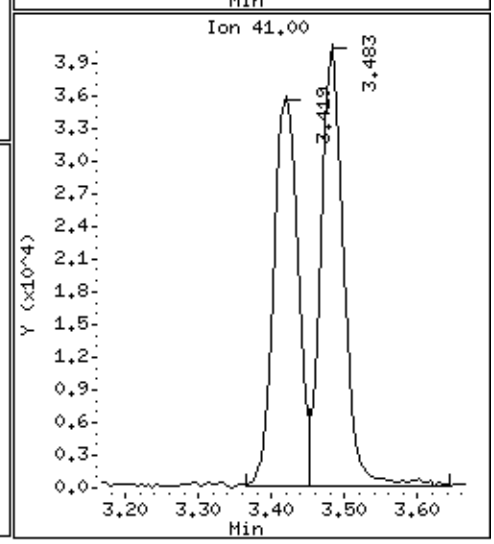












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

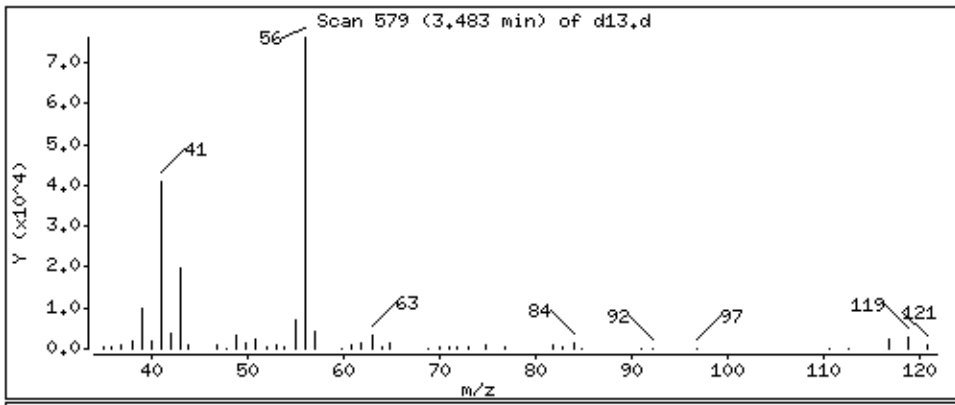
Column phase: DB-624

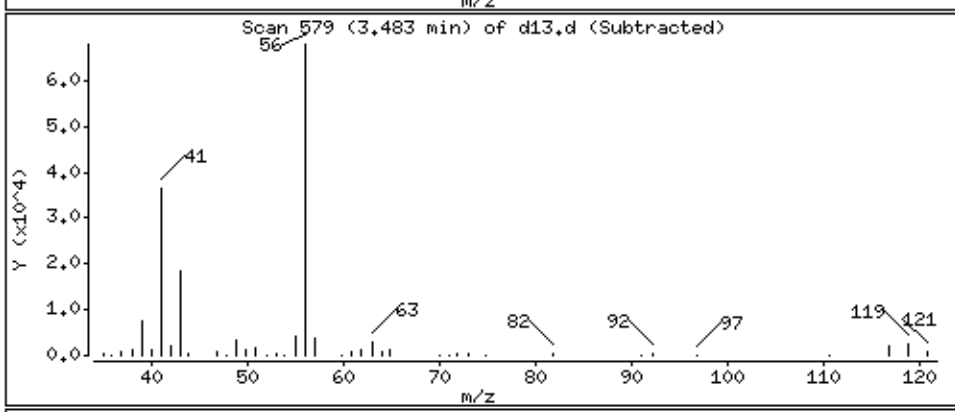
Column diameter: 0.18

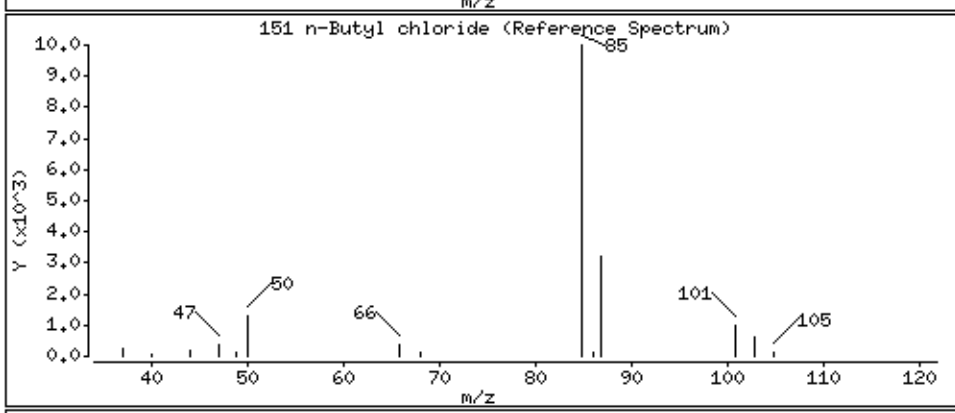
151 n-Butyl chloride

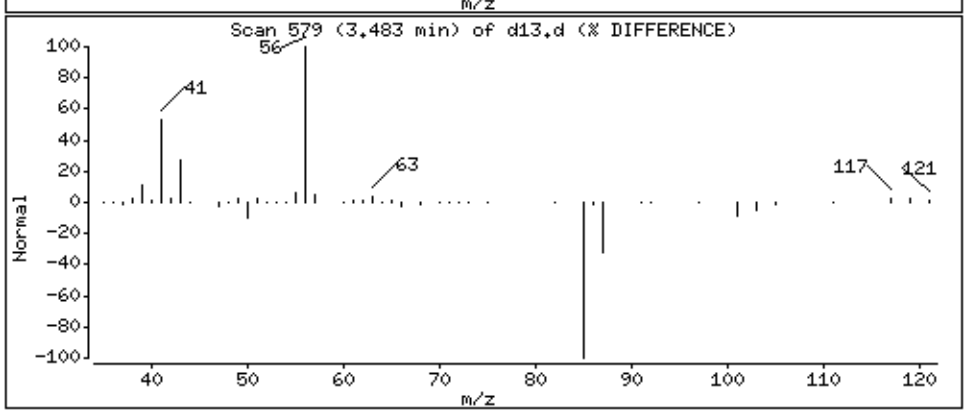
Concentration: 37.4 ppb

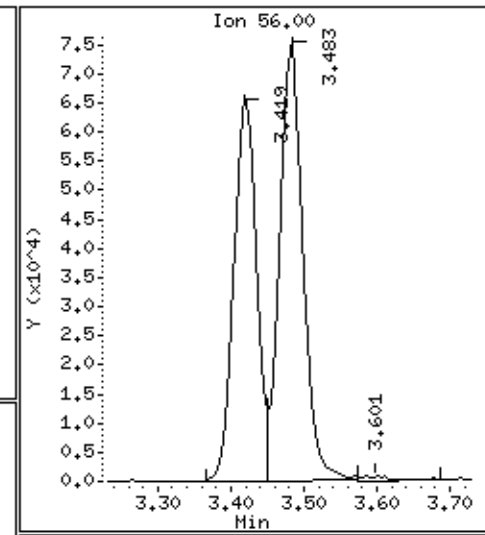
Review Code:

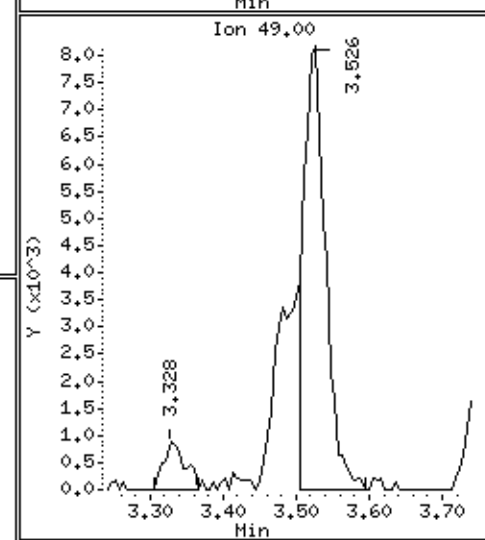












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

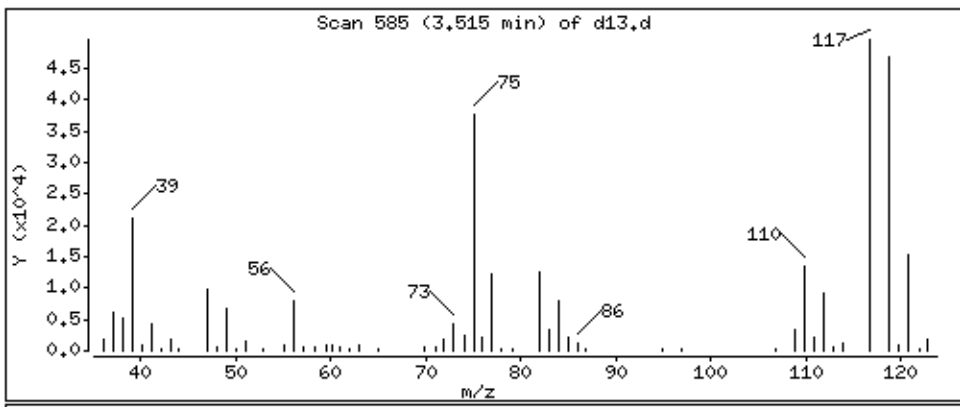
Column phase: DB-624

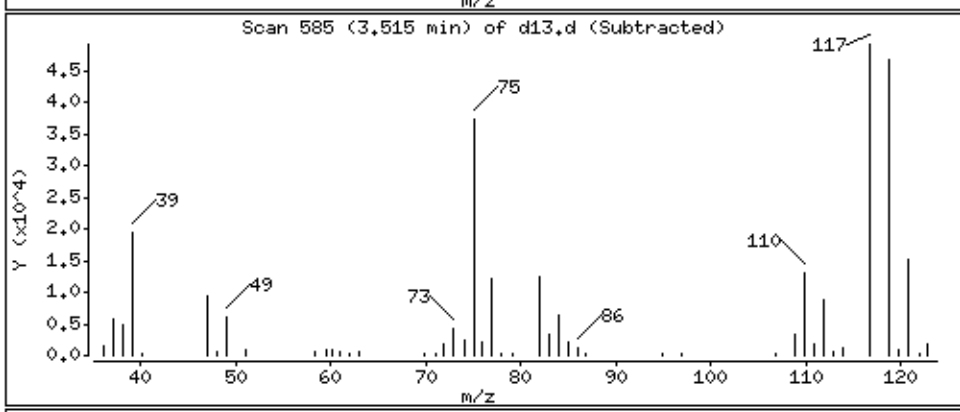
Column diameter: 0.18

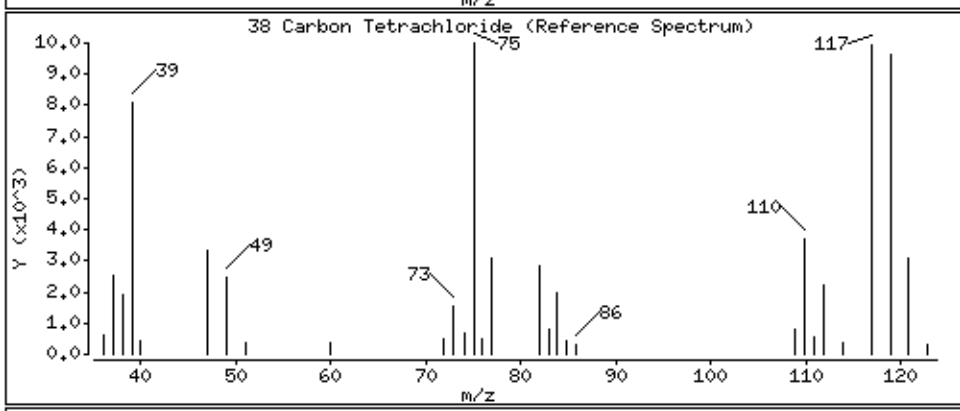
38 Carbon Tetrachloride

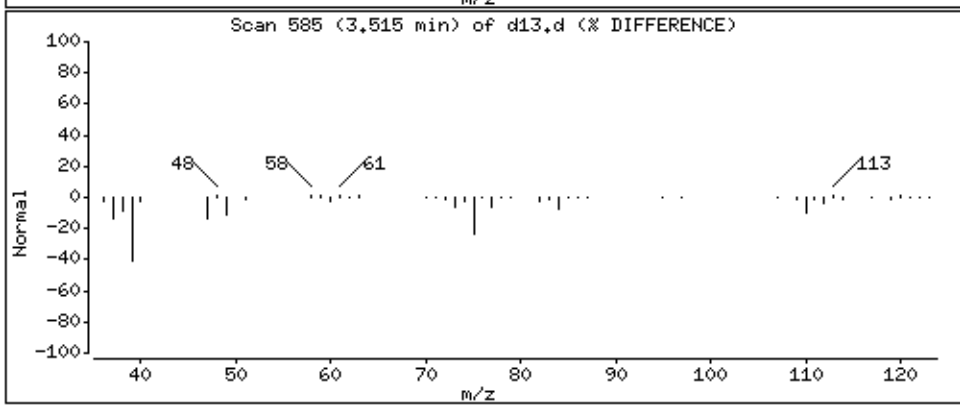
Concentration: 39.0 ppb

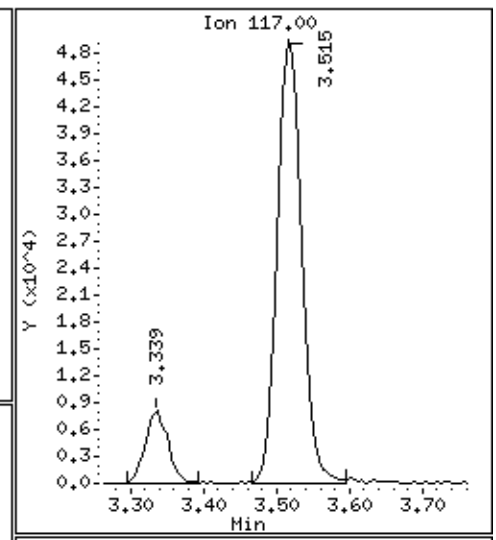
Review Code:

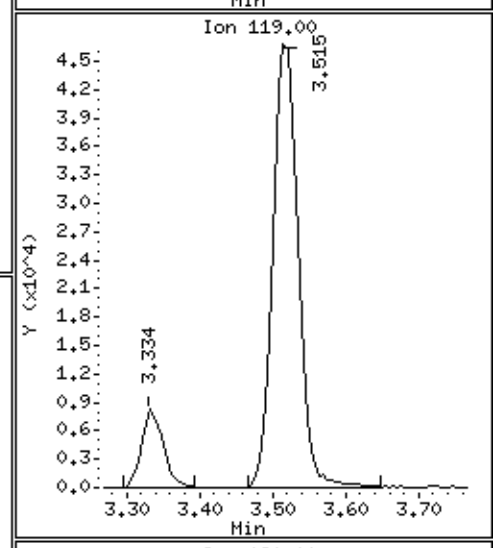


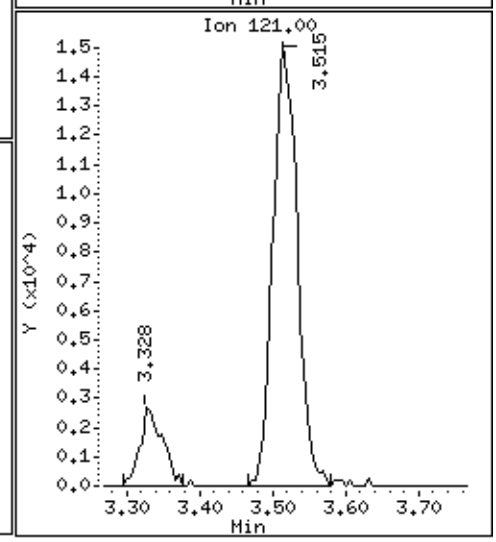












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

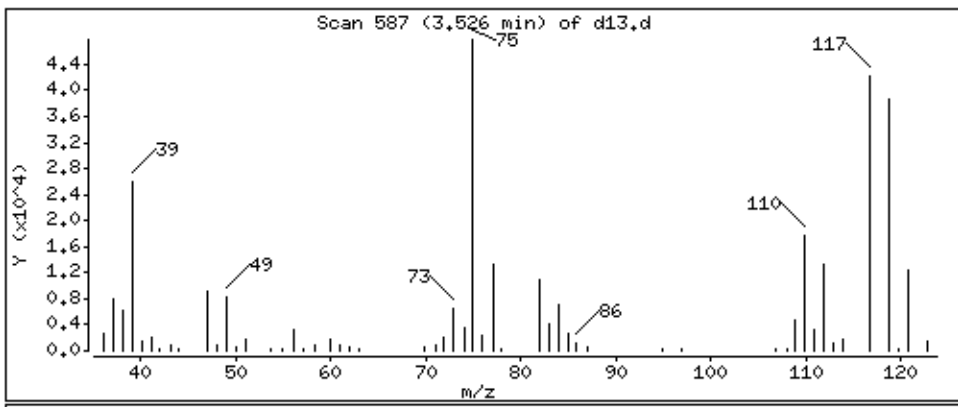
Column phase: DB-624

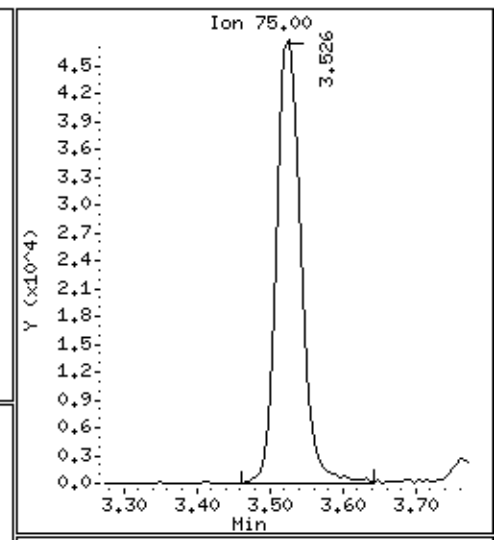
Column diameter: 0.18

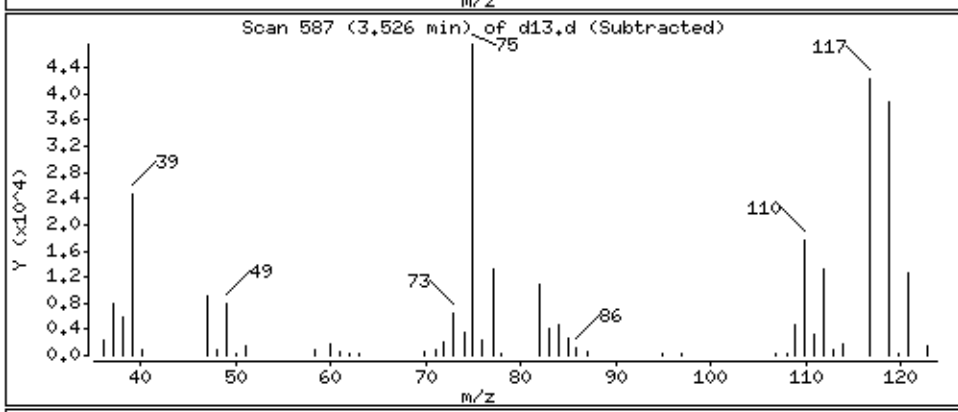
39 1,1-Dichloropropene

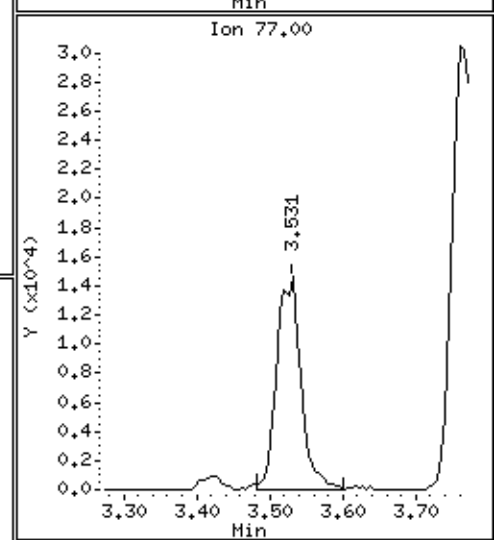
Concentration: 37.3 ppb

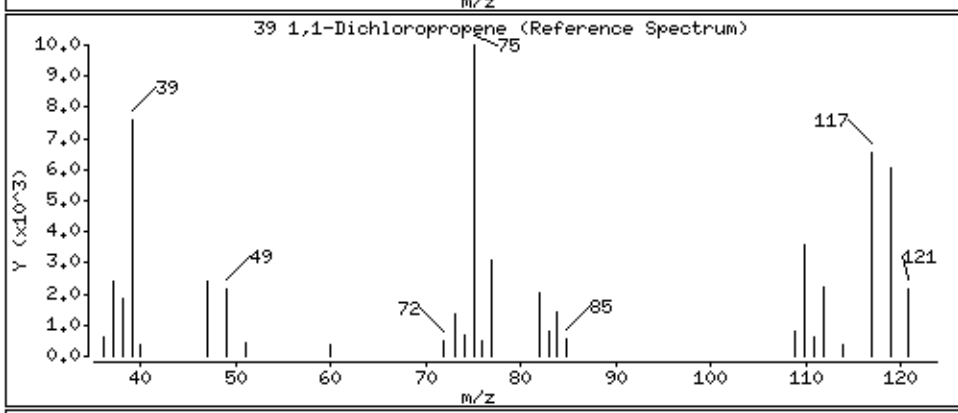
Review Code:

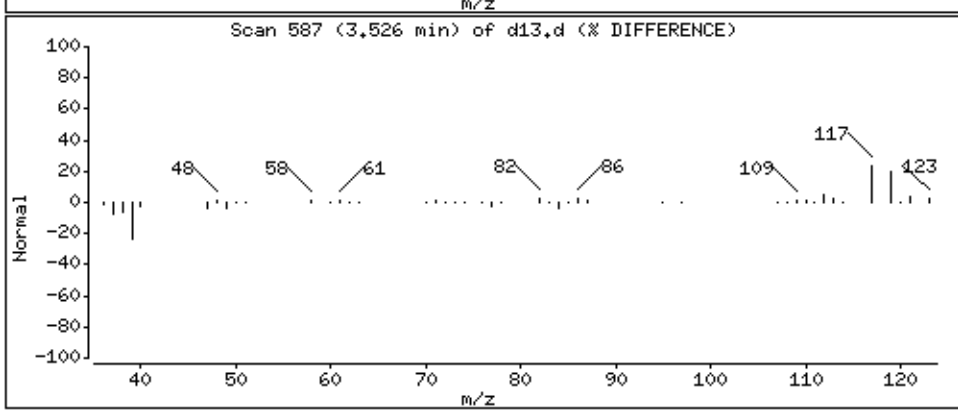


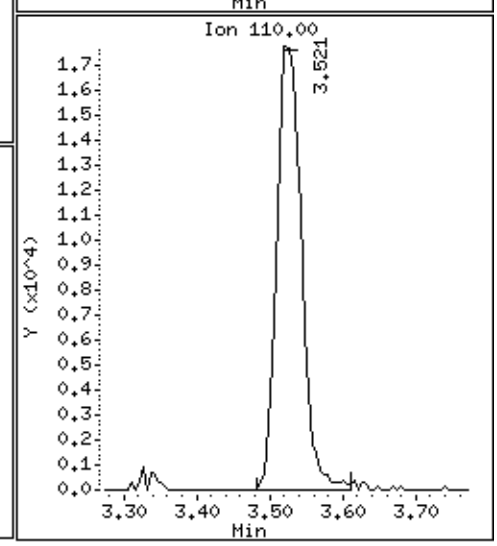












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

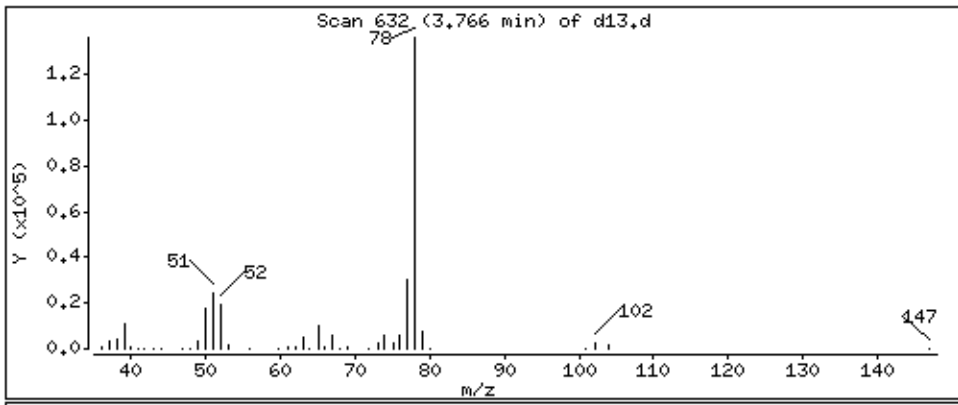
Column phase: DB-624

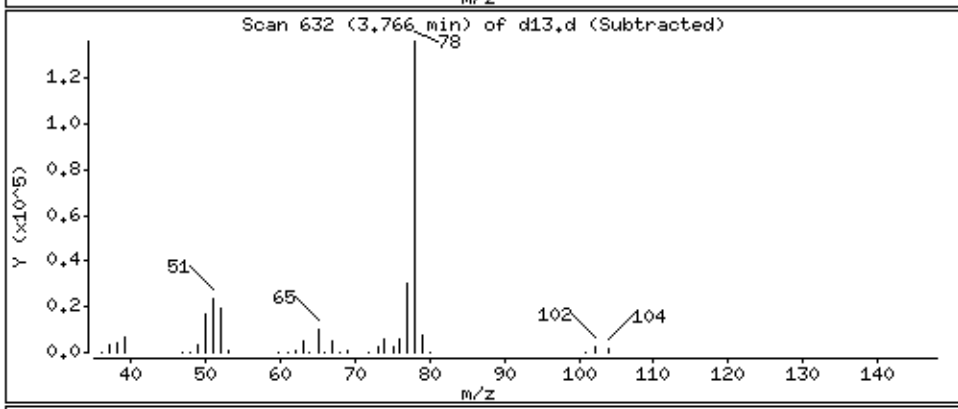
Column diameter: 0.18

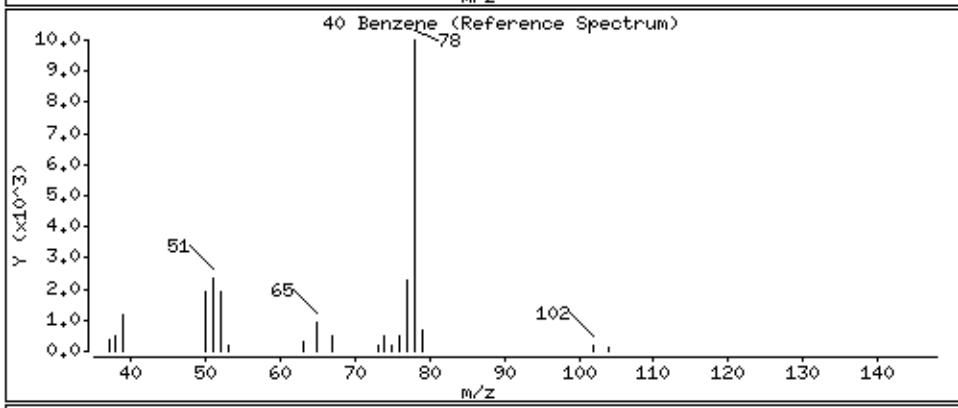
40 Benzene

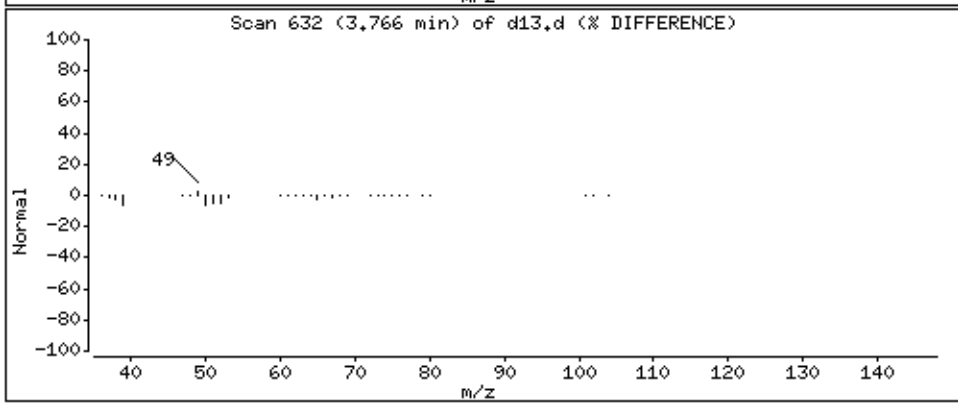
Concentration: 41.5 ppb

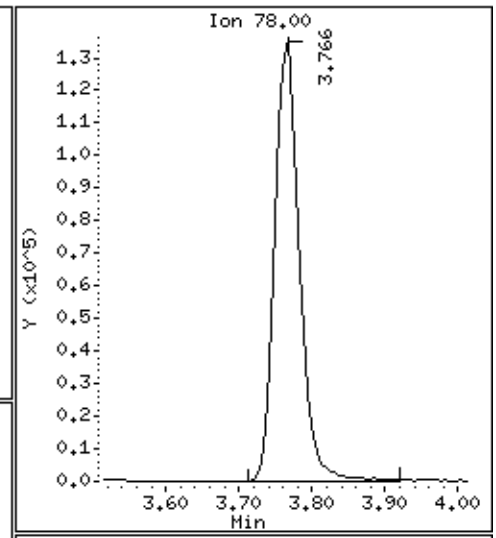
Review Code:

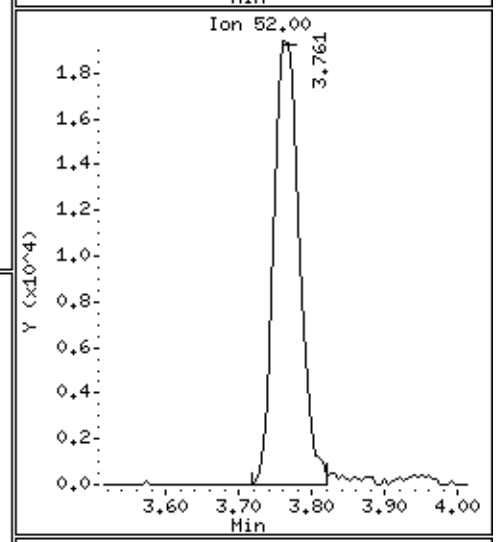


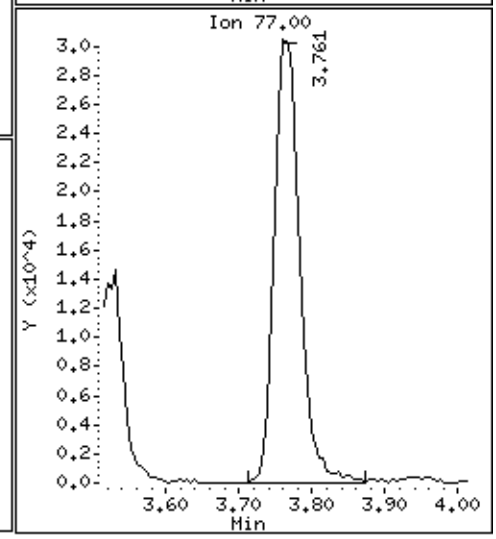












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

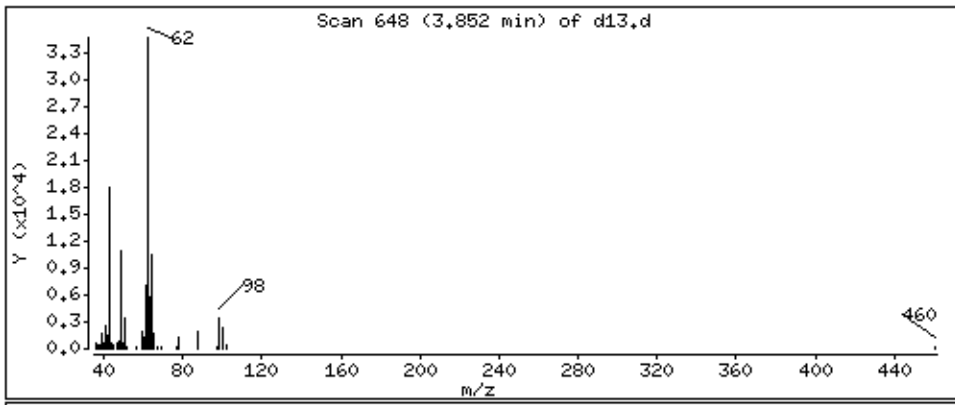
Column phase: DB-624

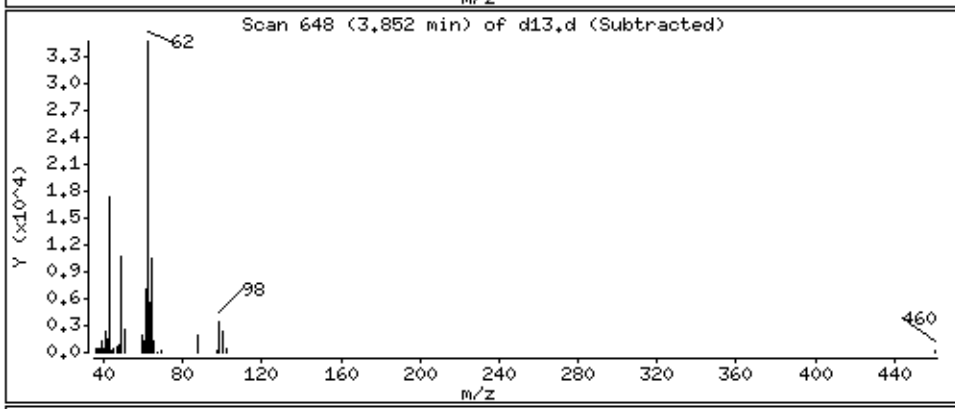
Column diameter: 0.18

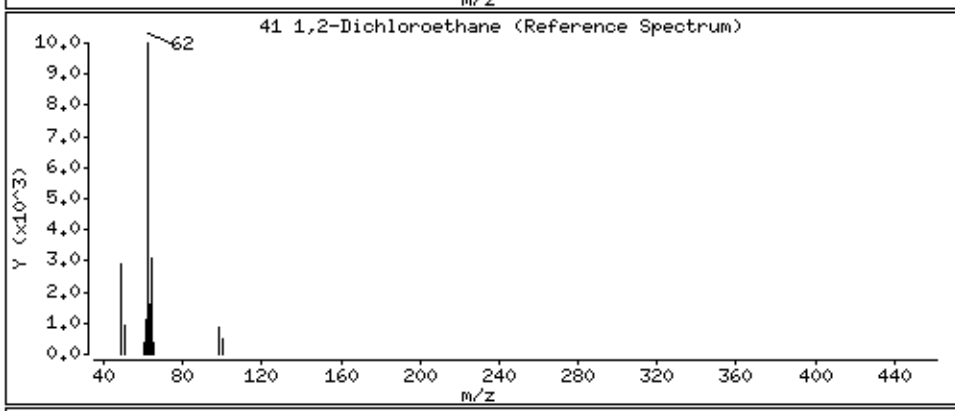
41 1,2-Dichloroethane

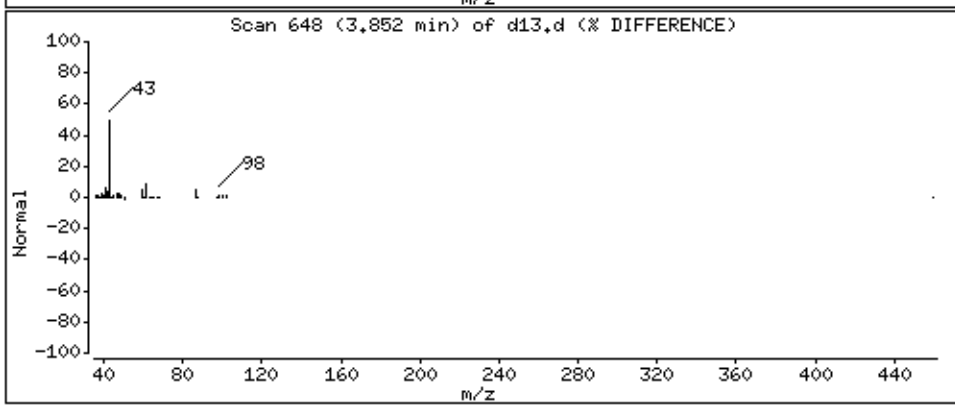
Concentration: 41.2 ppb

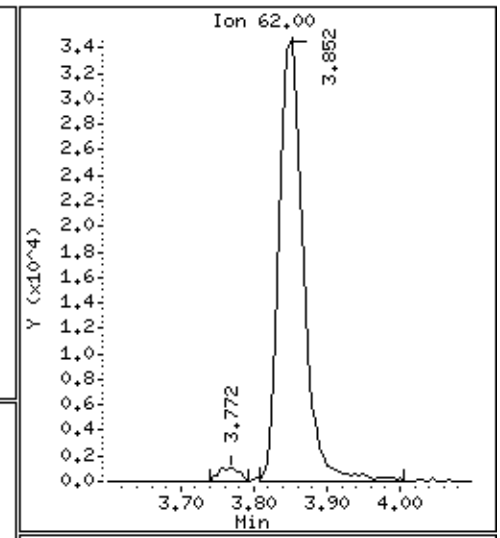
Review Code:

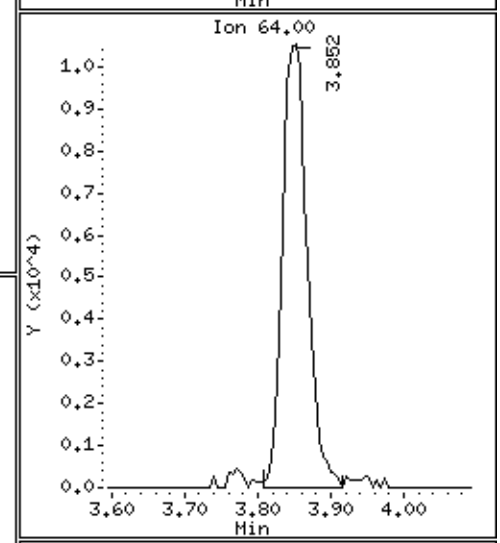


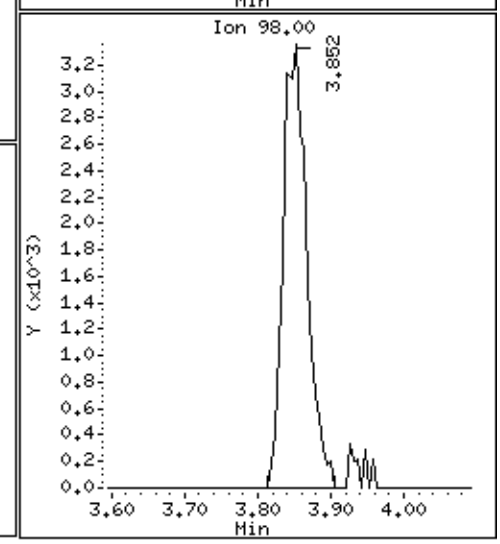












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

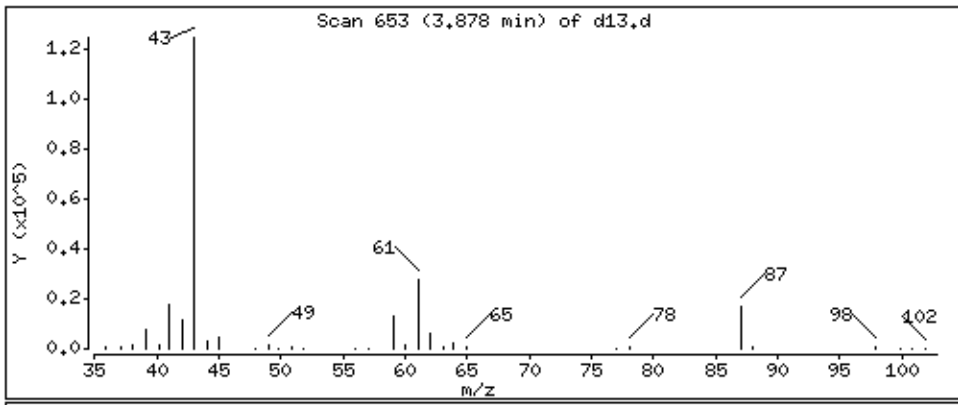
Column phase: DB-624

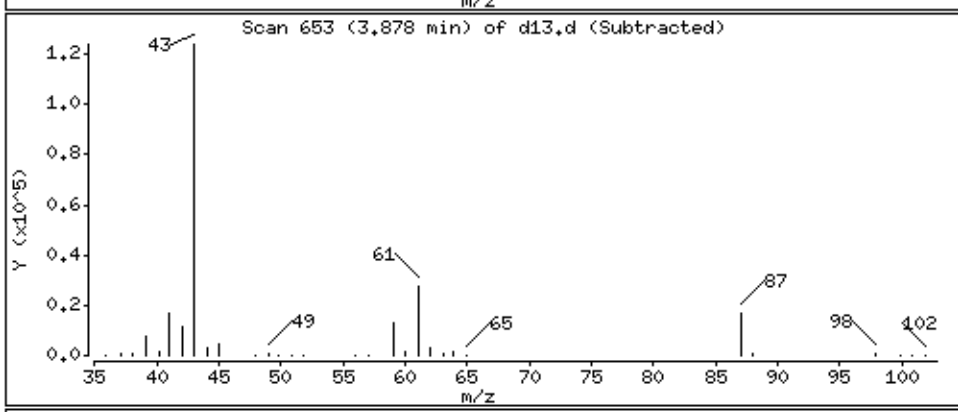
Column diameter: 0.18

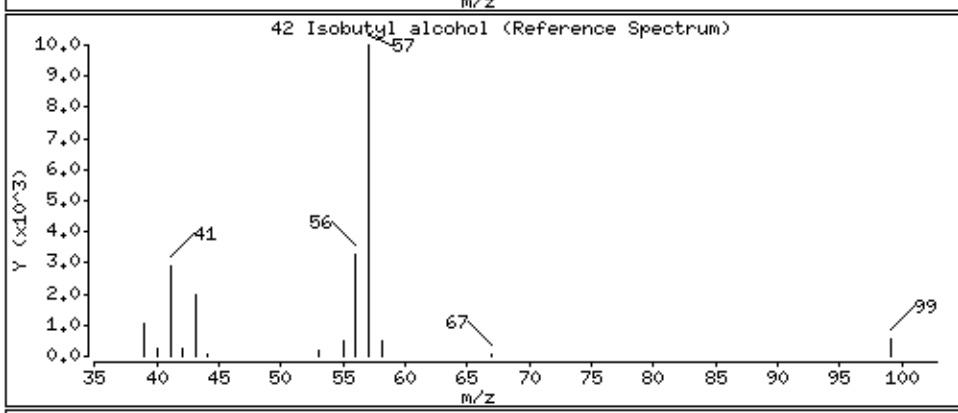
42 Isobutyl alcohol

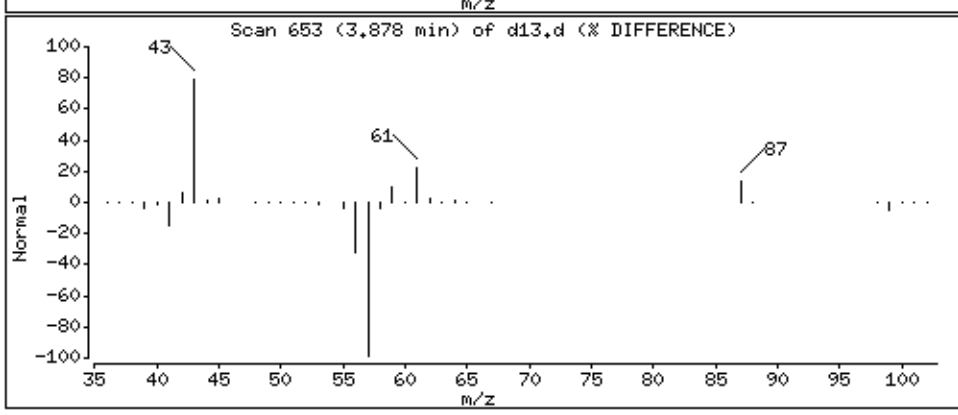
Concentration: 45.6 ppb

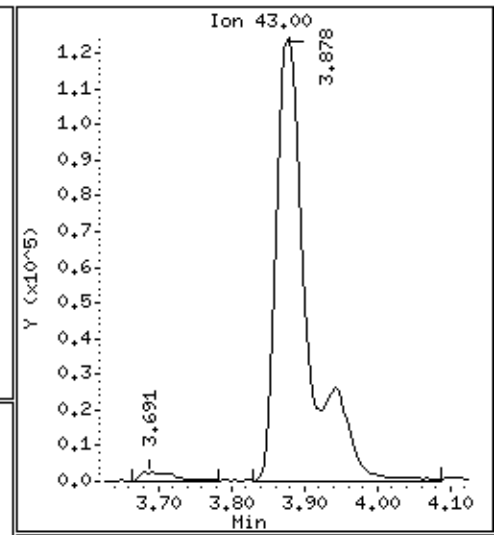
Review Code:

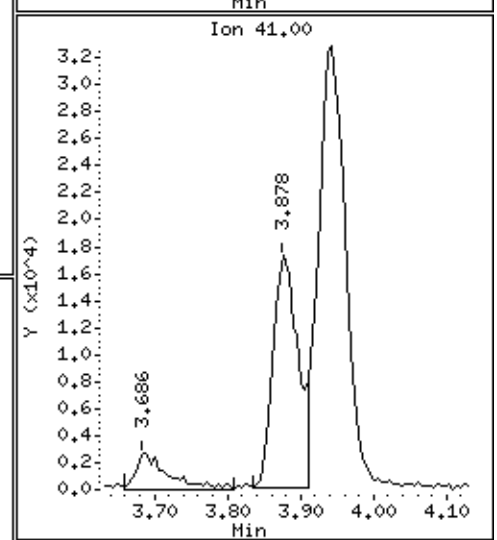


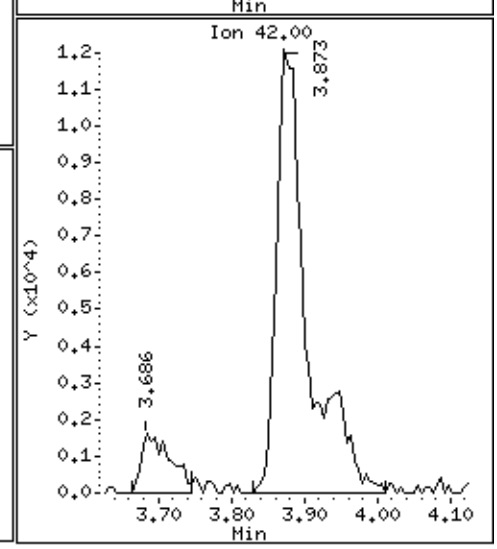












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

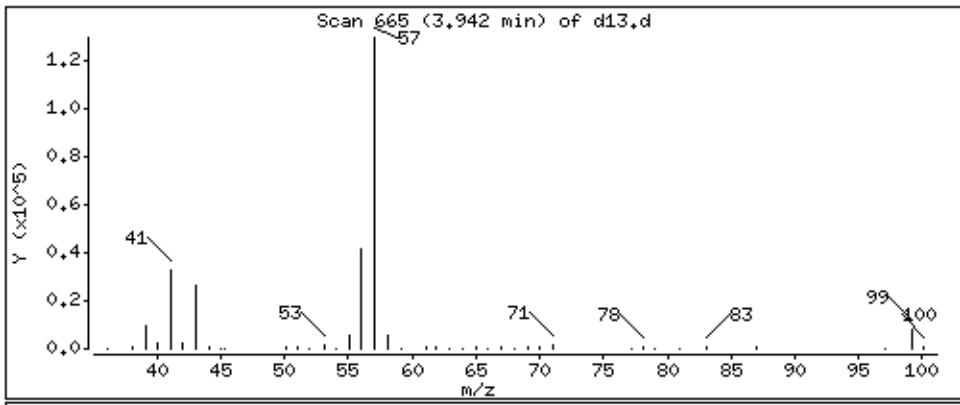
Column phase: DB-624

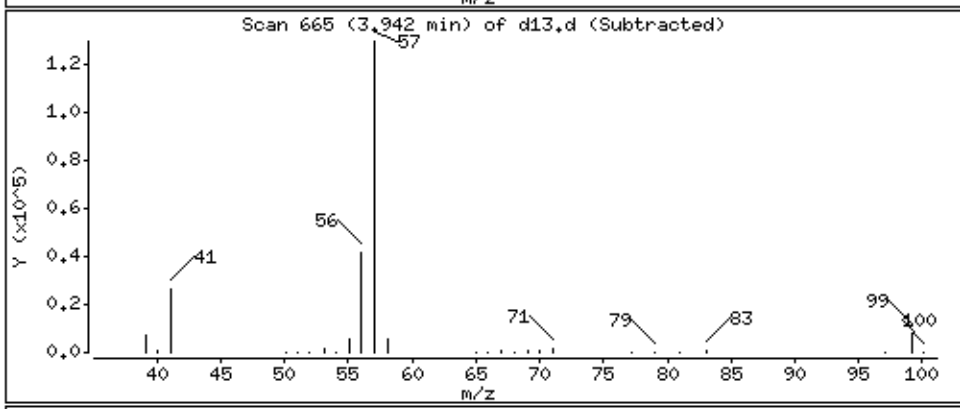
Column diameter: 0.18

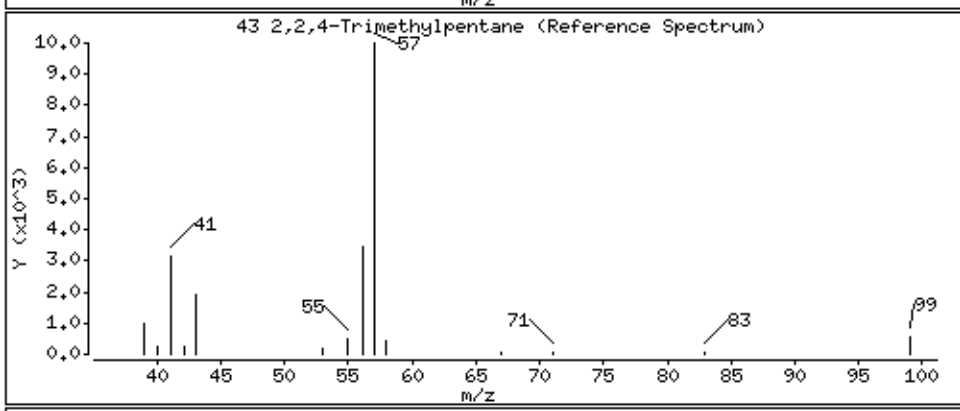
43 2,2,4-Trimethylpentane

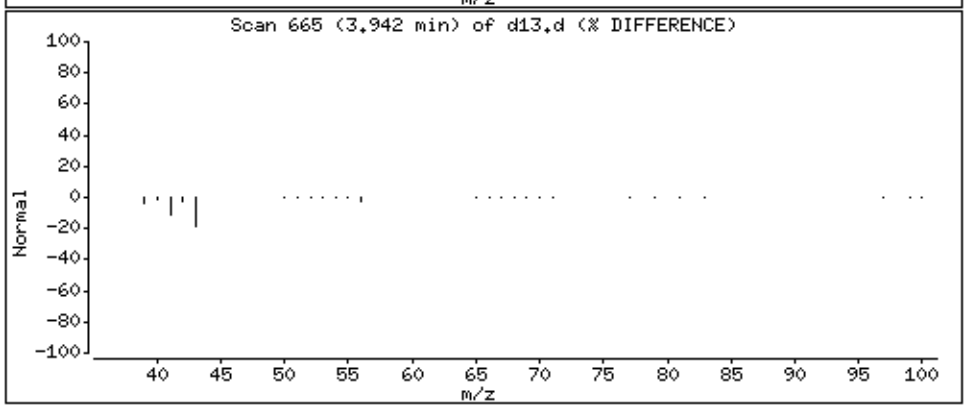
Concentration: 39.9 ppb

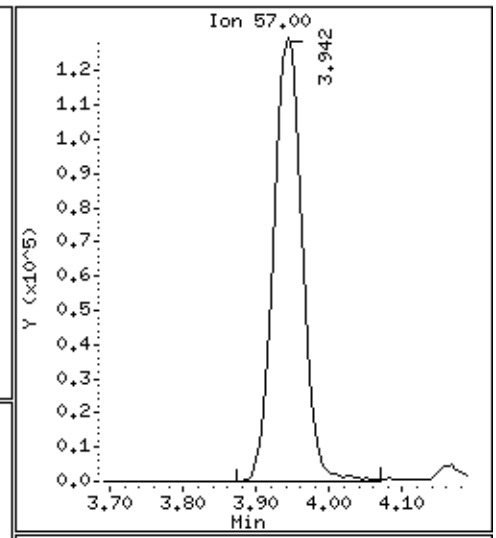
Review Code:

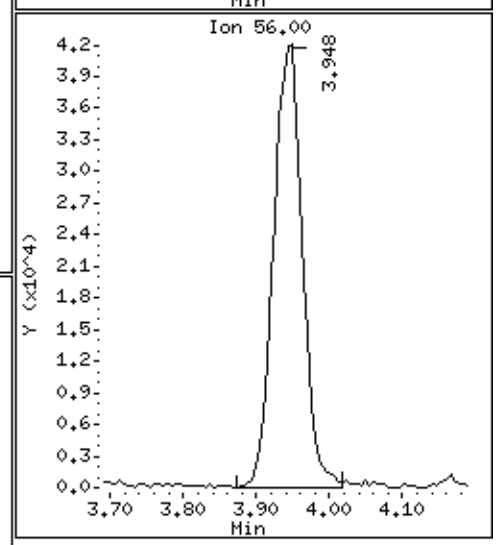












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

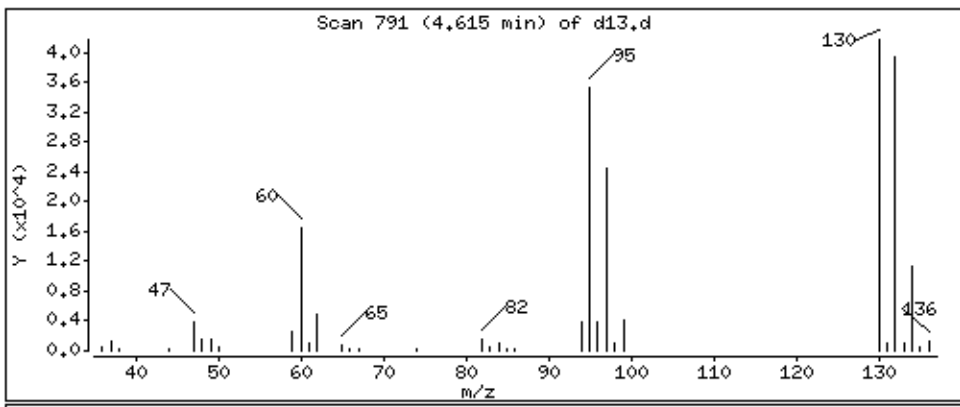
Column phase: DB-624

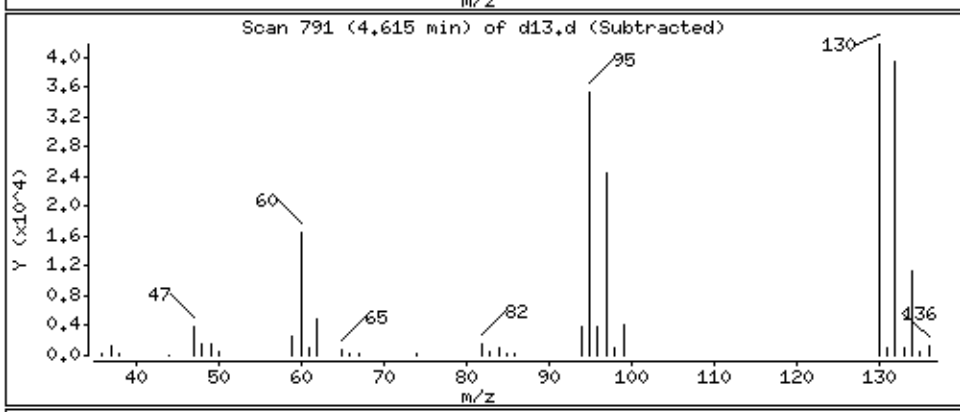
Column diameter: 0.18

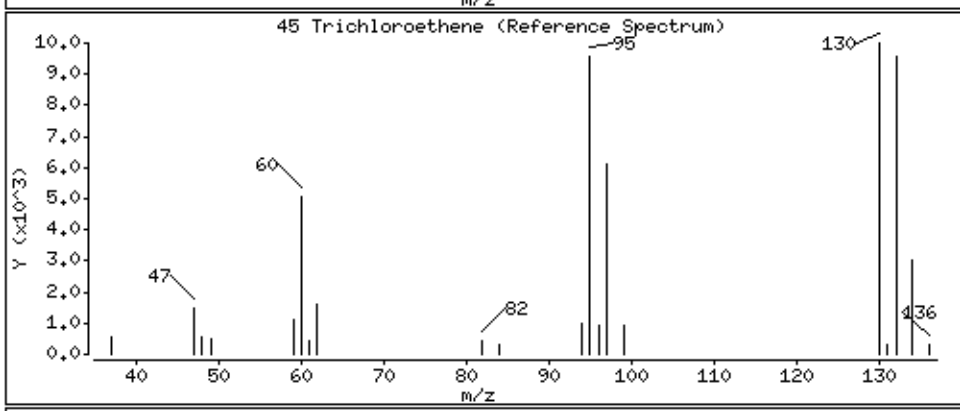
45 Trichloroethene

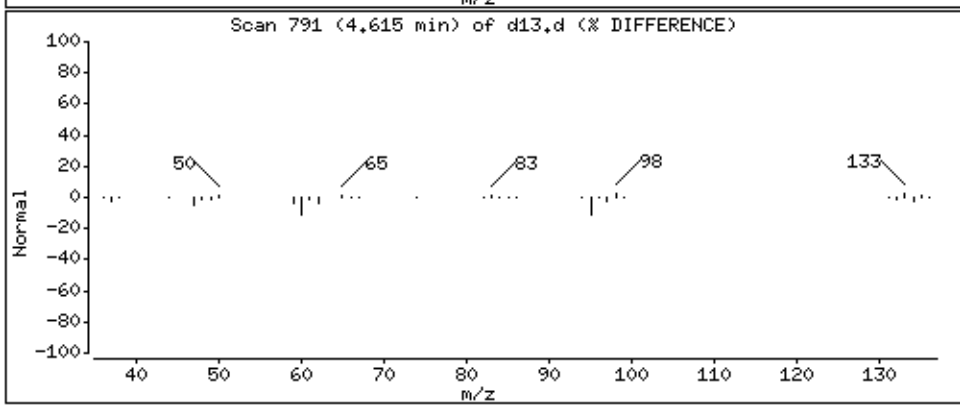
Concentration: 35.8 ppb

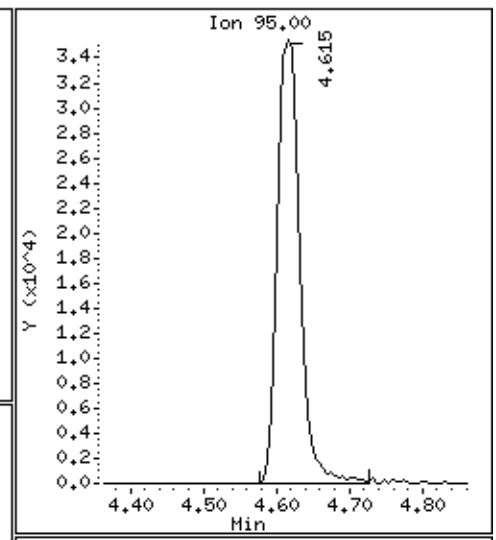
Review Code:

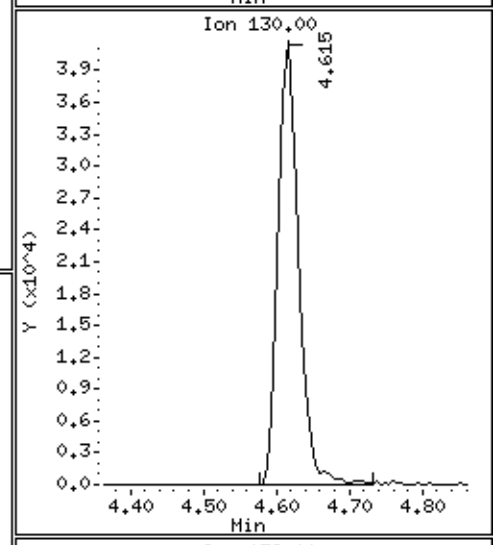


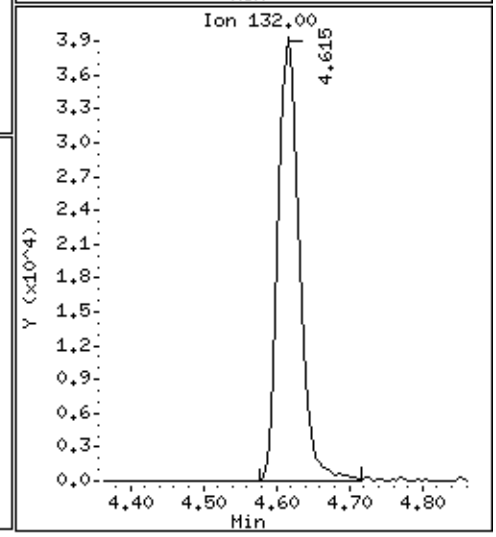












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

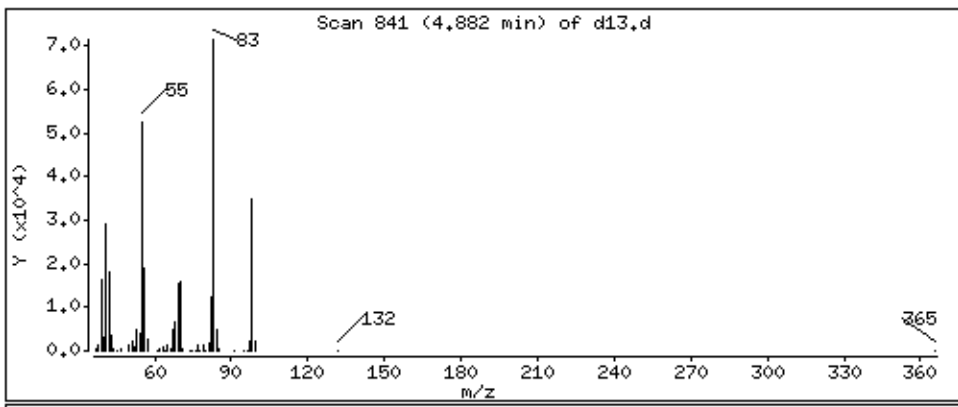
Column phase: DB-624

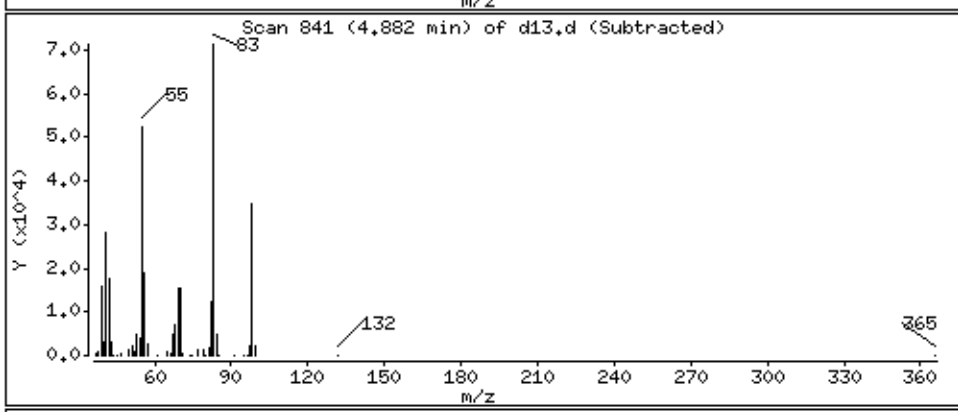
Column diameter: 0.18

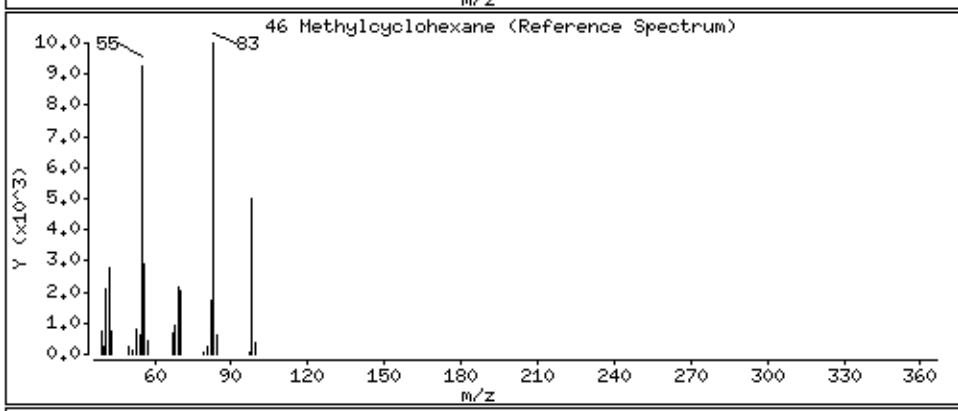
46 Methylcyclohexane

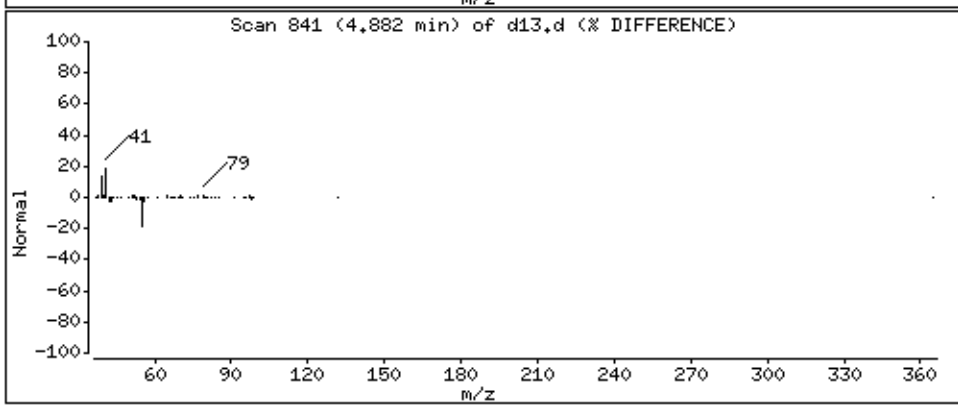
Concentration: 33.0 ppb

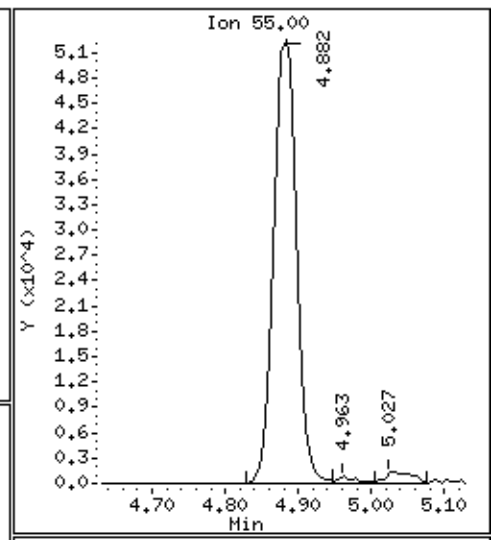
Review Code:

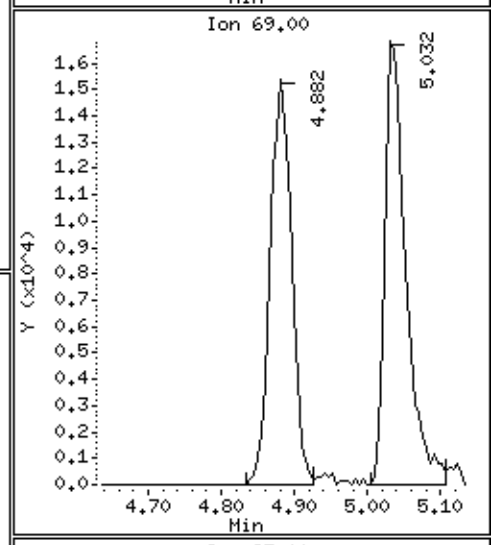


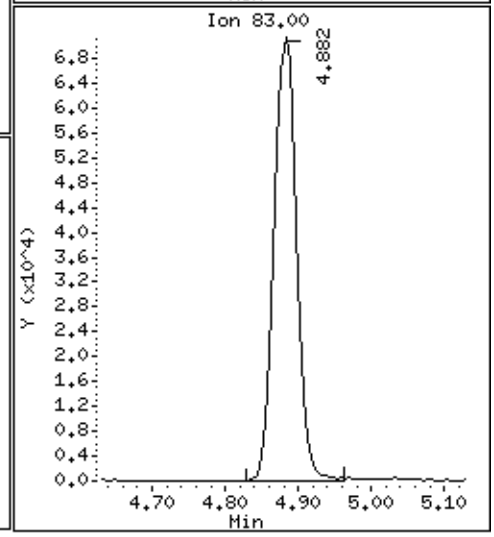












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

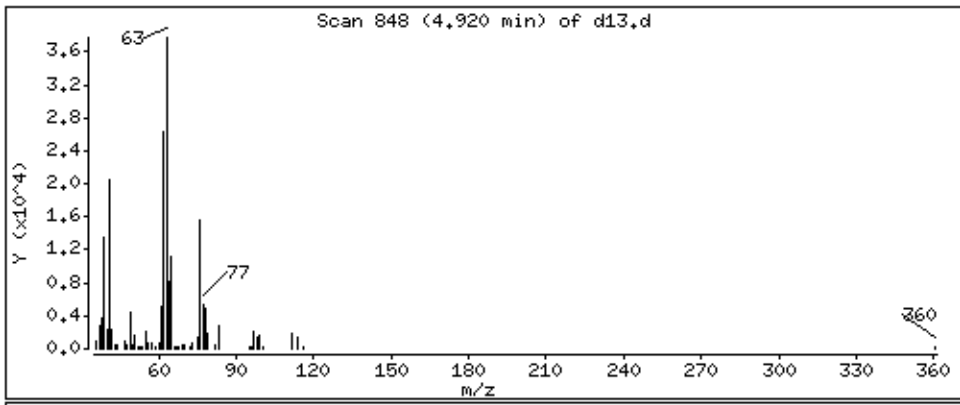
Column phase: DB-624

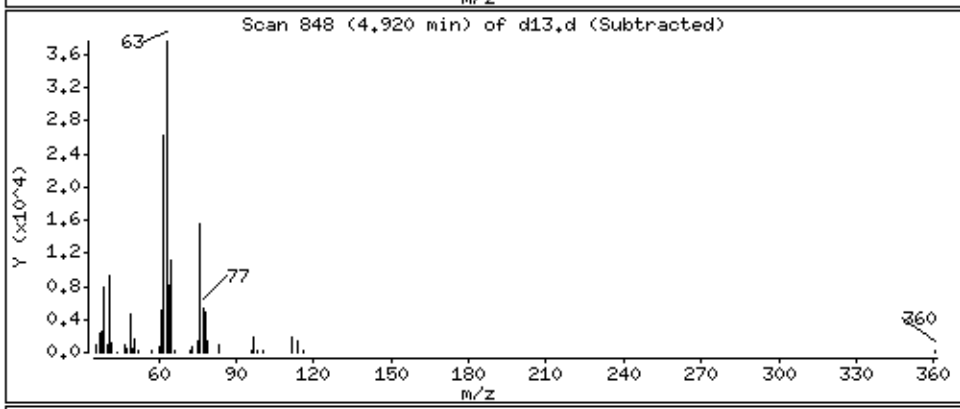
Column diameter: 0.18

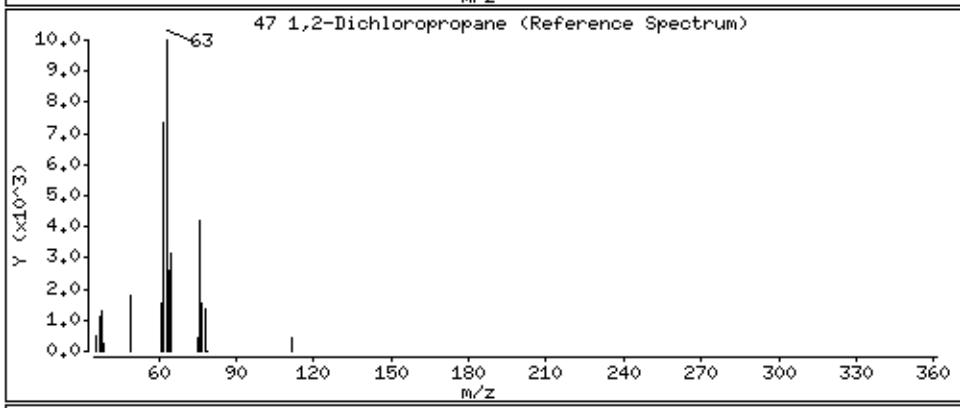
47 1,2-Dichloropropane

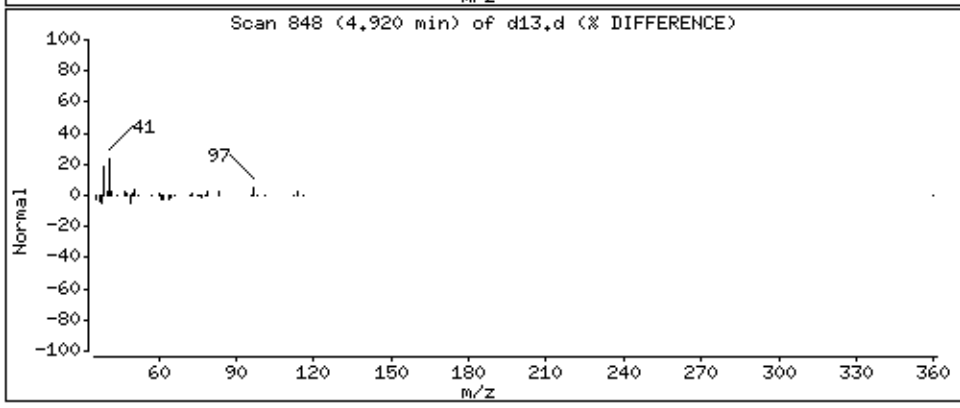
Concentration: 41.8 ppb

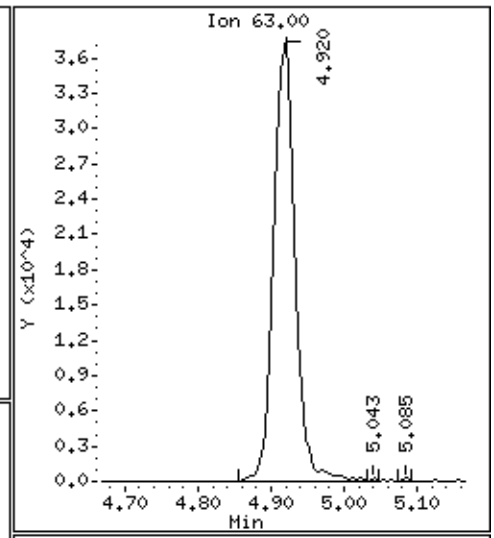
Review Code:

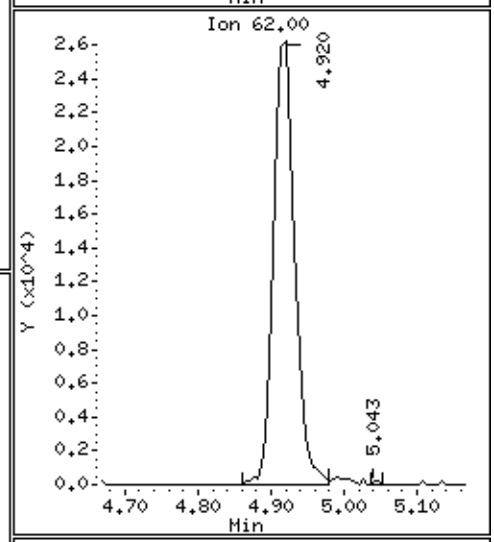


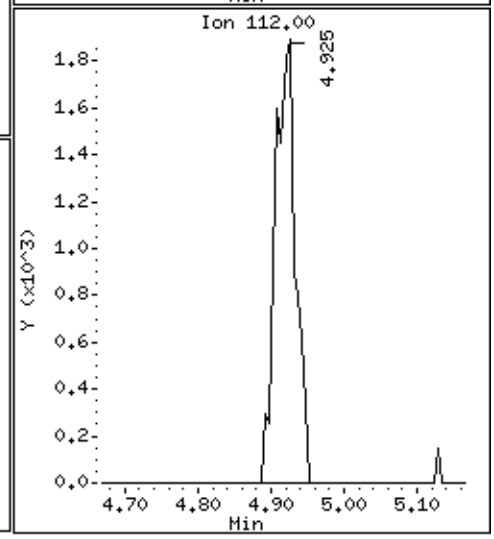












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

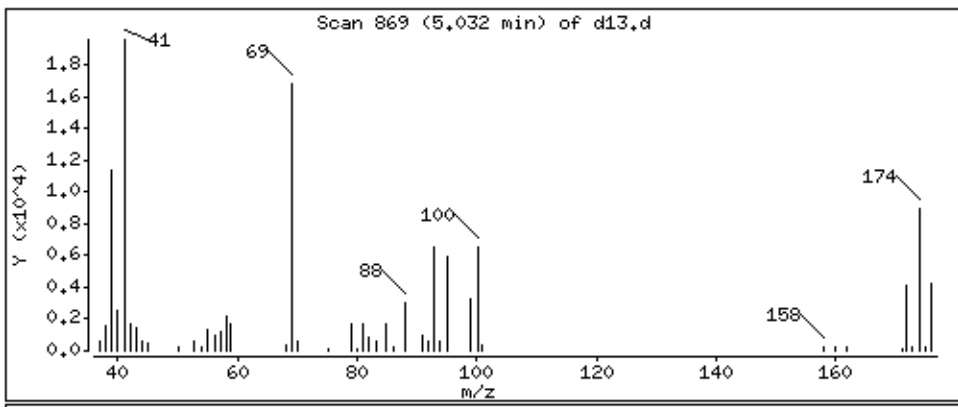
Column phase: DB-624

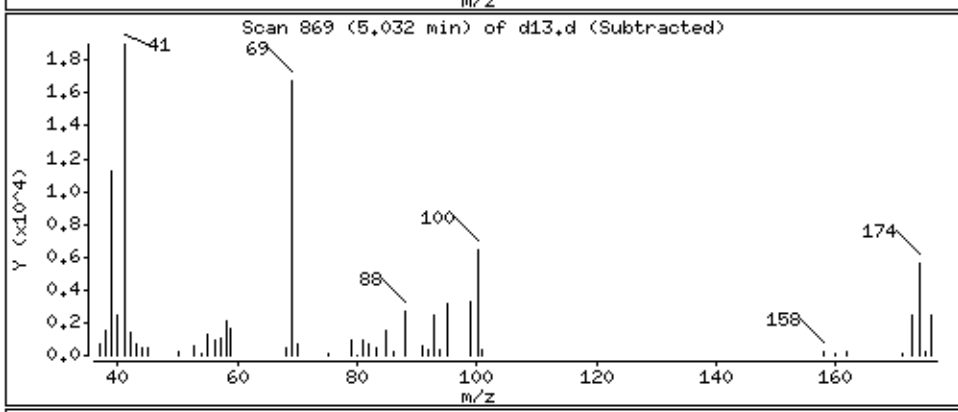
Column diameter: 0.18

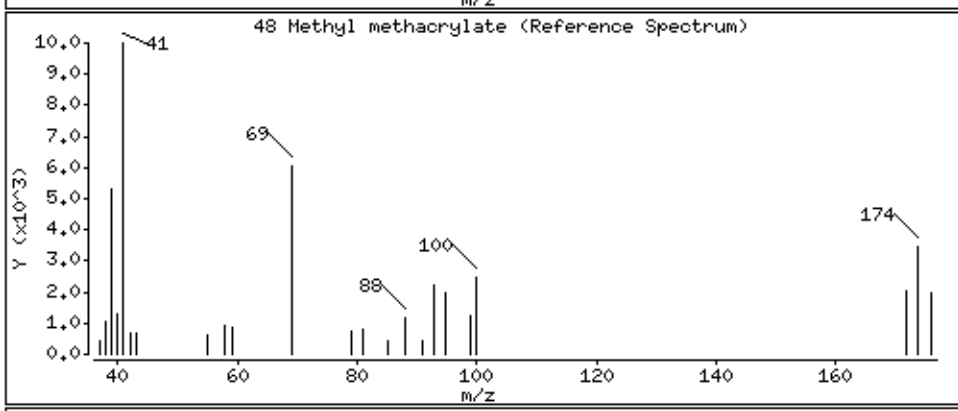
48 Methyl methacrylate

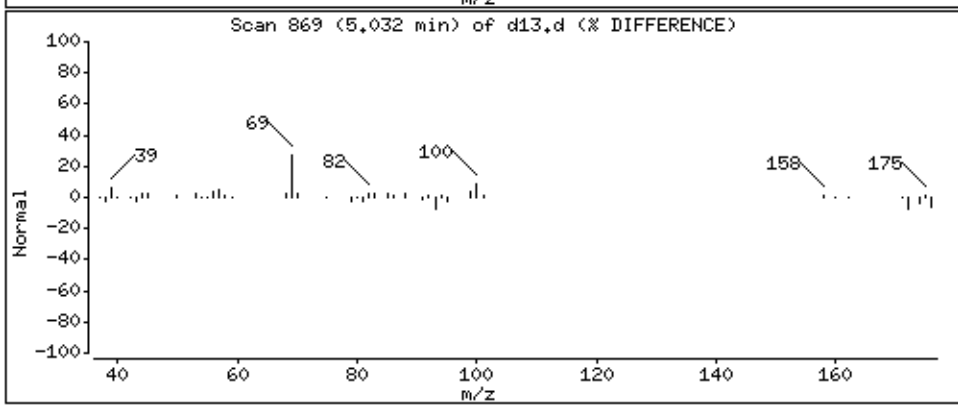
Concentration: 49.7 ppb

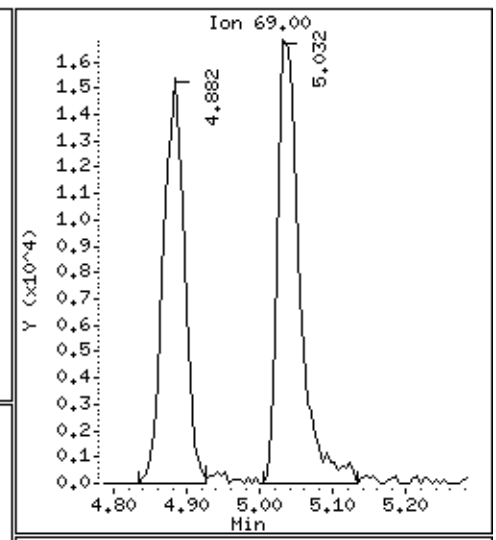
Review Code:

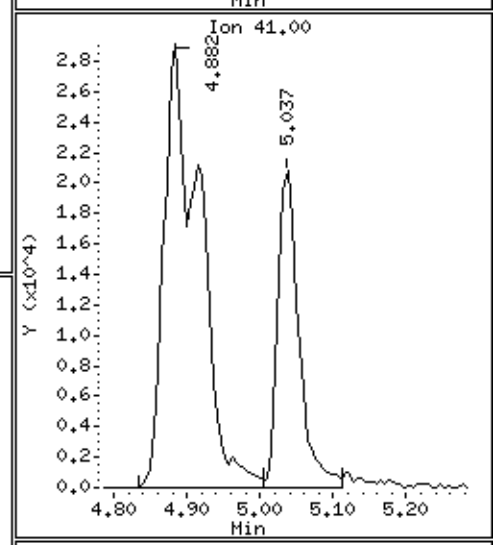


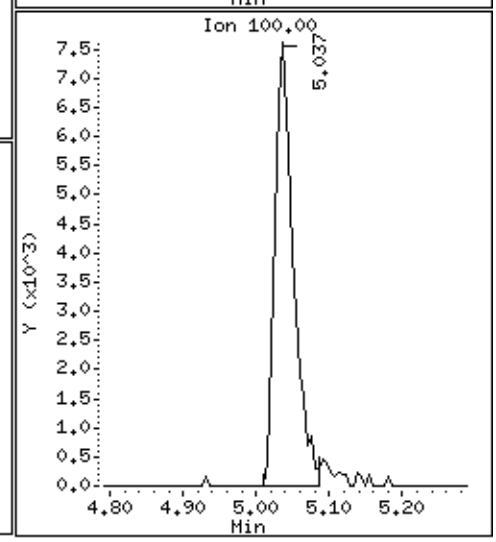












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

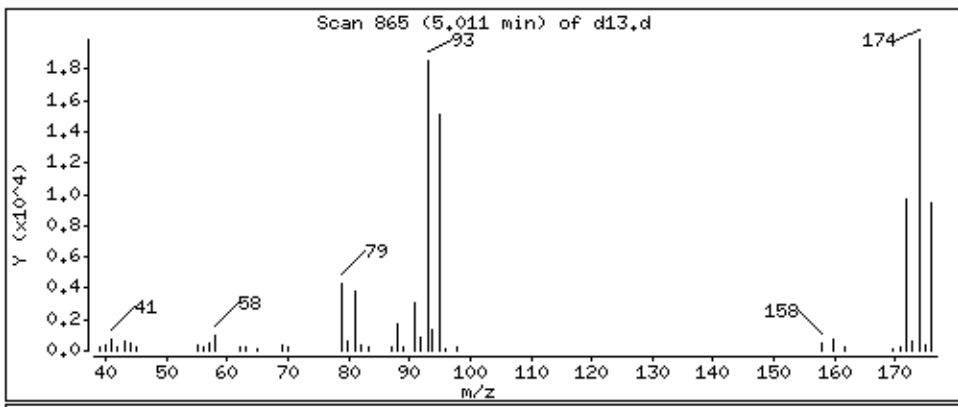
Column phase: DB-624

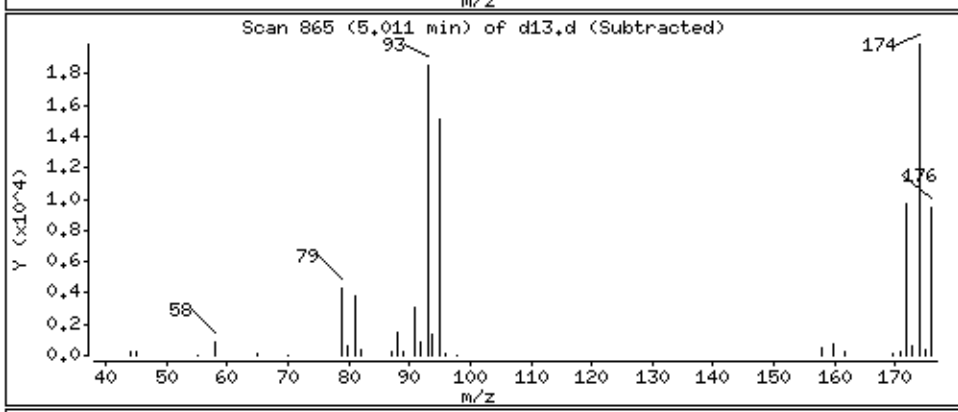
Column diameter: 0.18

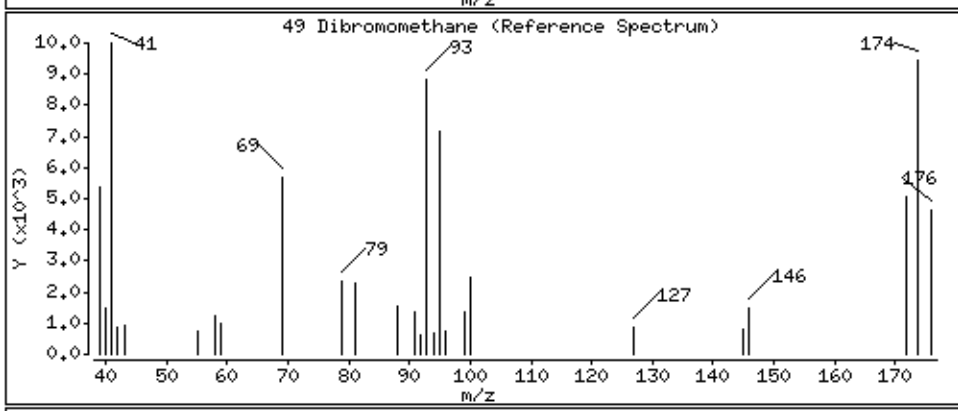
49 Dibromomethane

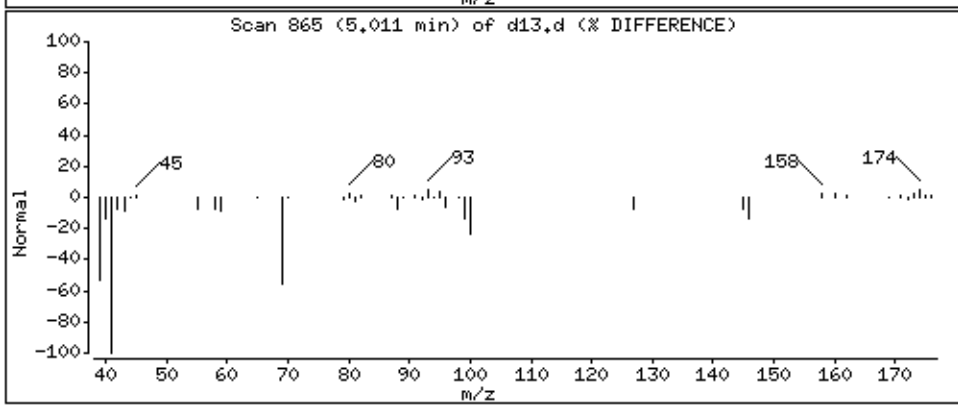
Concentration: 45.9 ppb

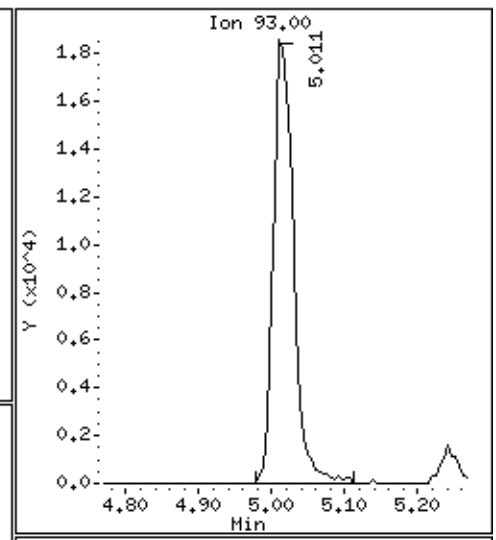
Review Code:

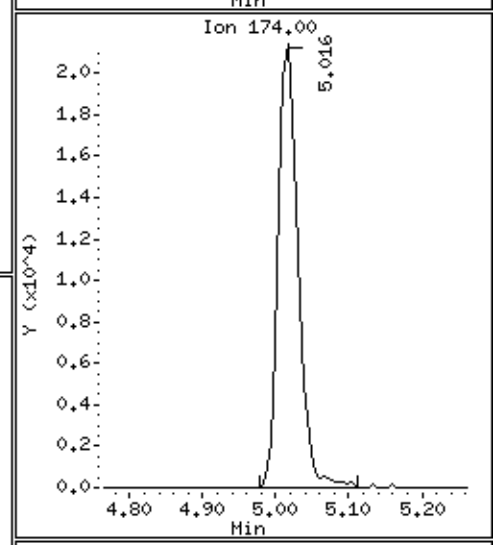


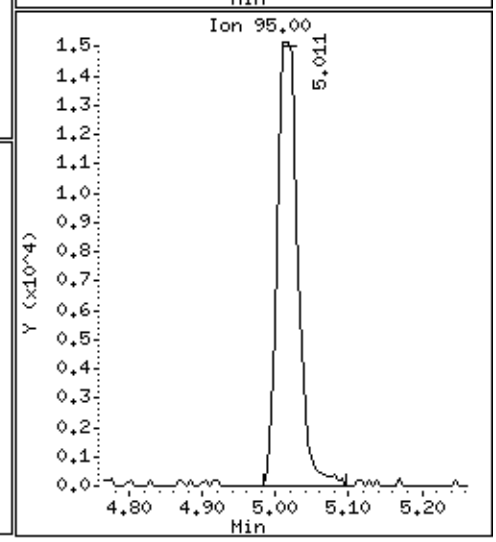












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

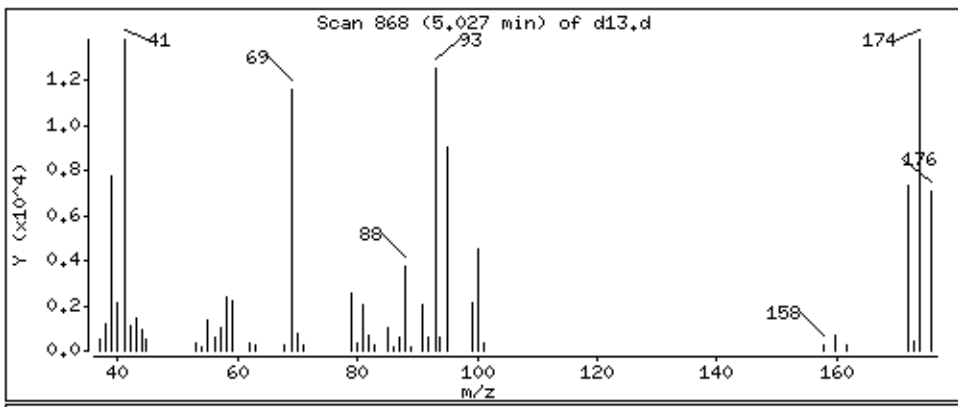
Column phase: DB-624

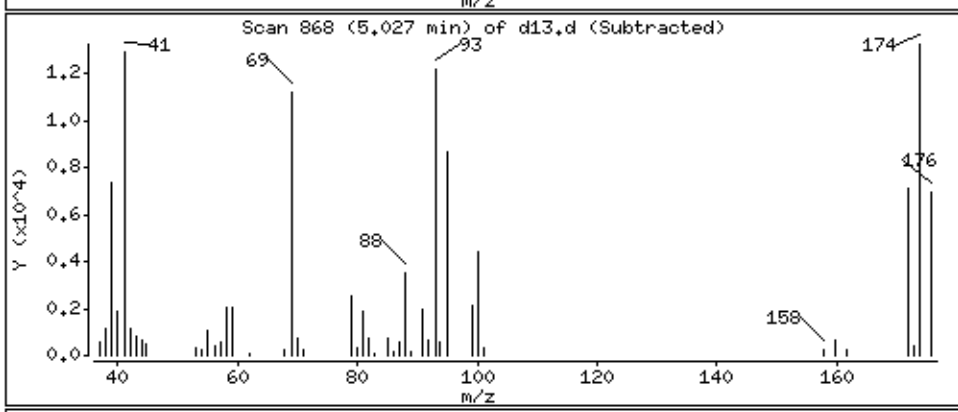
Column diameter: 0.18

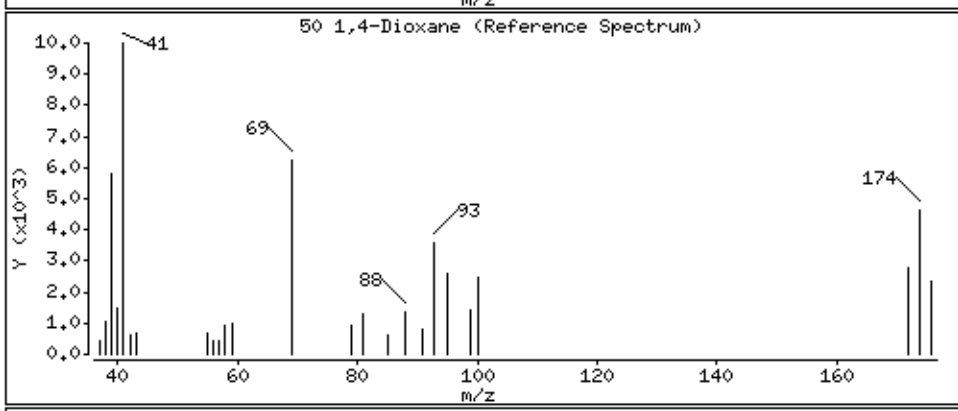
50 1,4-Dioxane

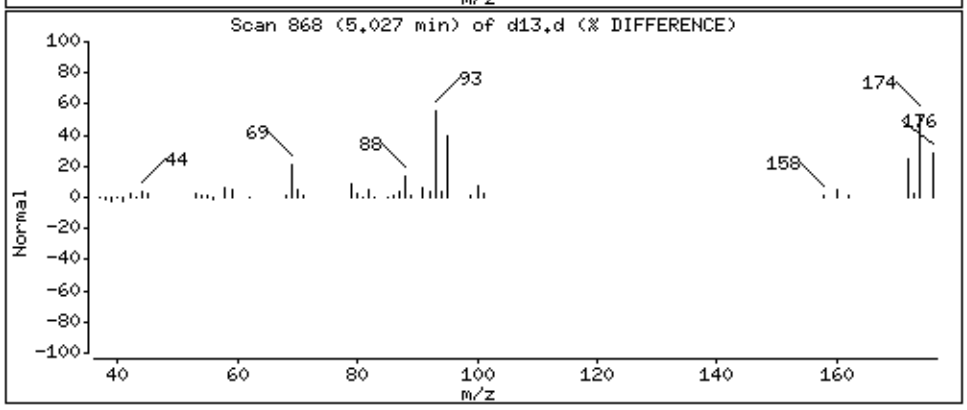
Concentration: 1050 ppb

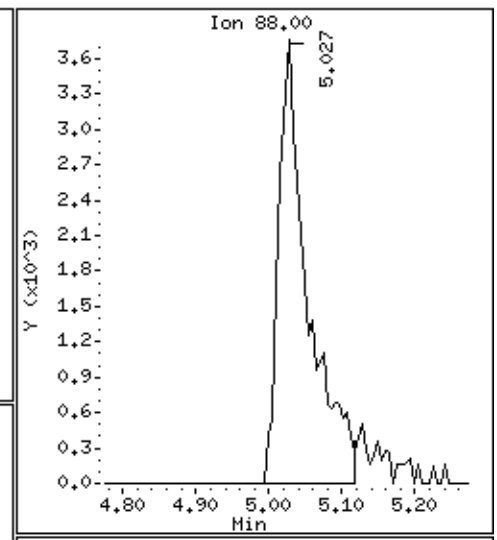
Review Code:

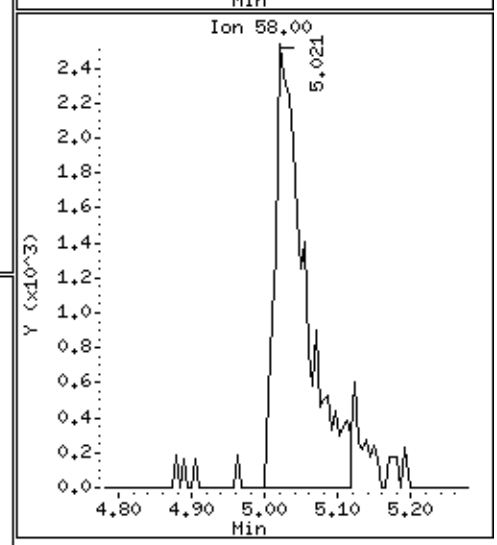












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

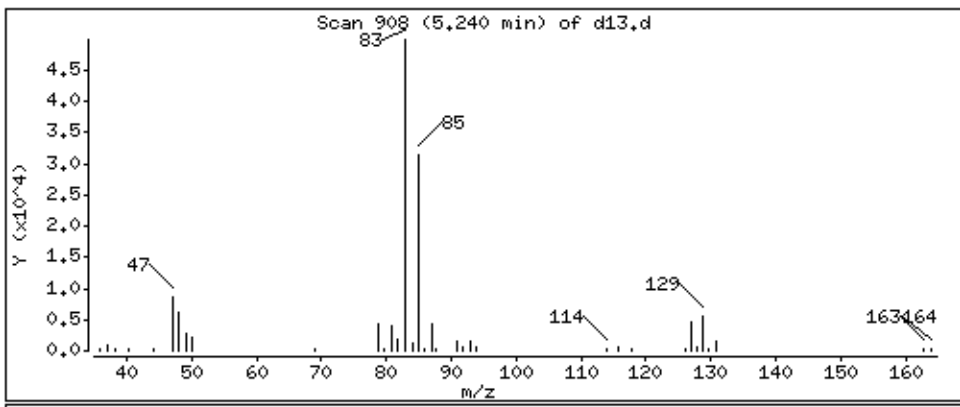
Column phase: DB-624

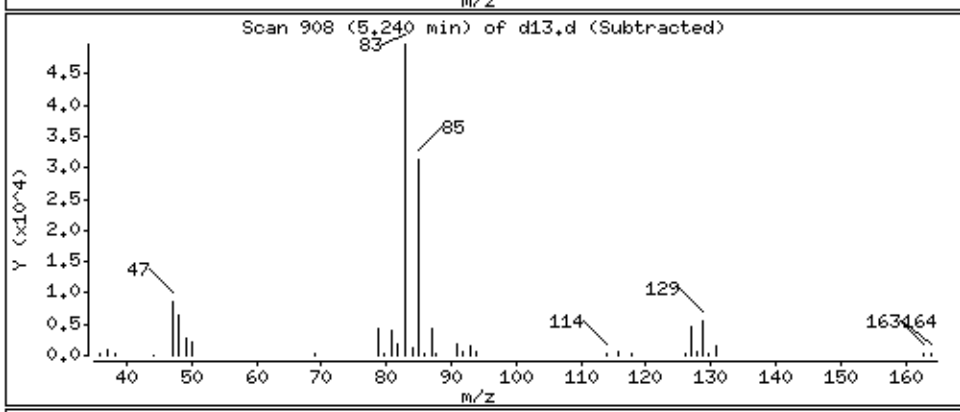
Column diameter: 0.18

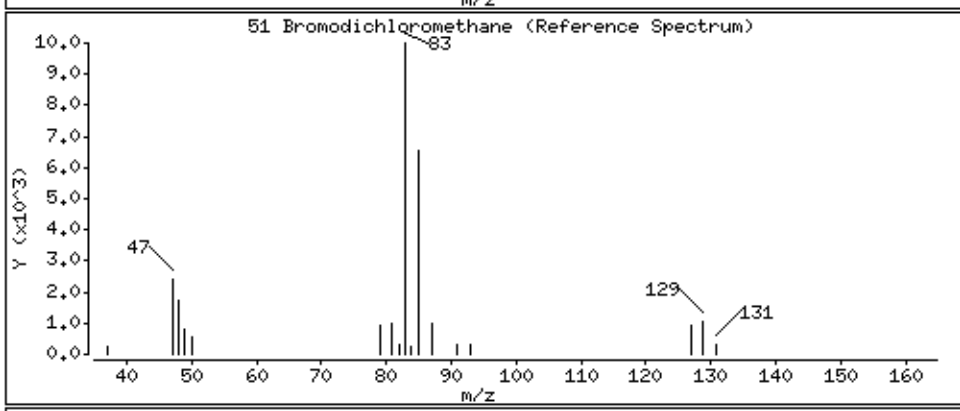
51 Bromodichloromethane

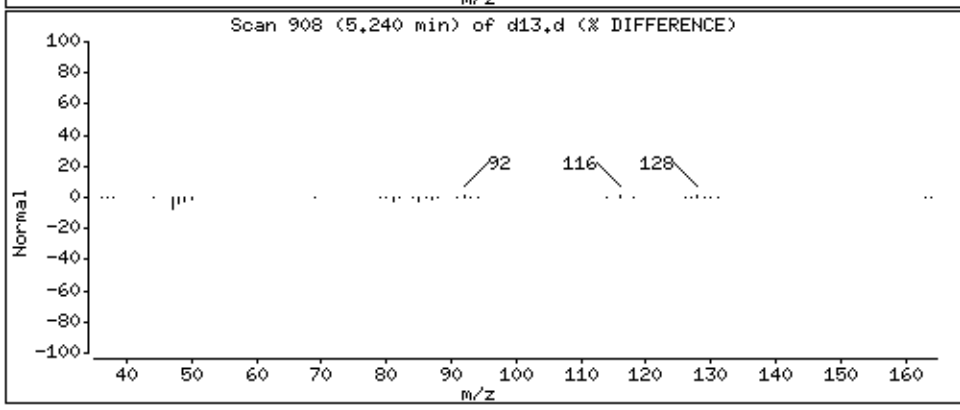
Concentration: 41.6 ppb

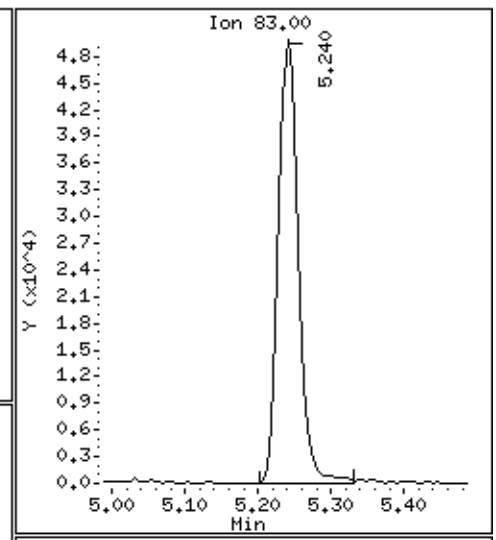
Review Code:

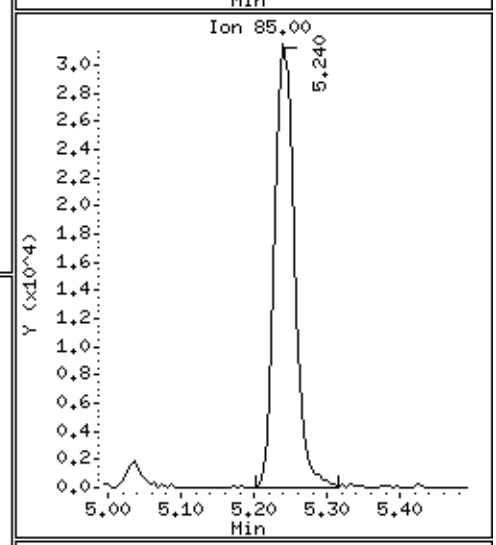


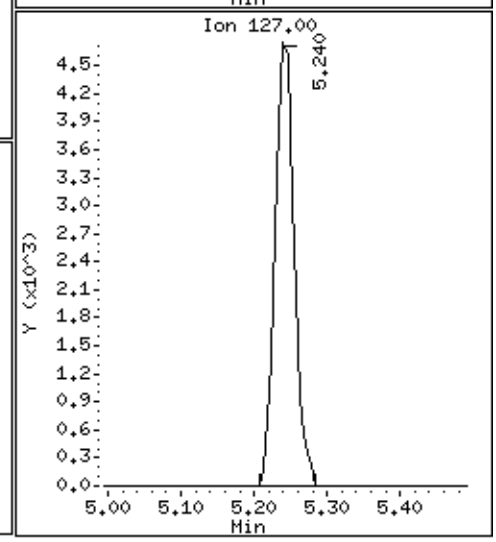












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

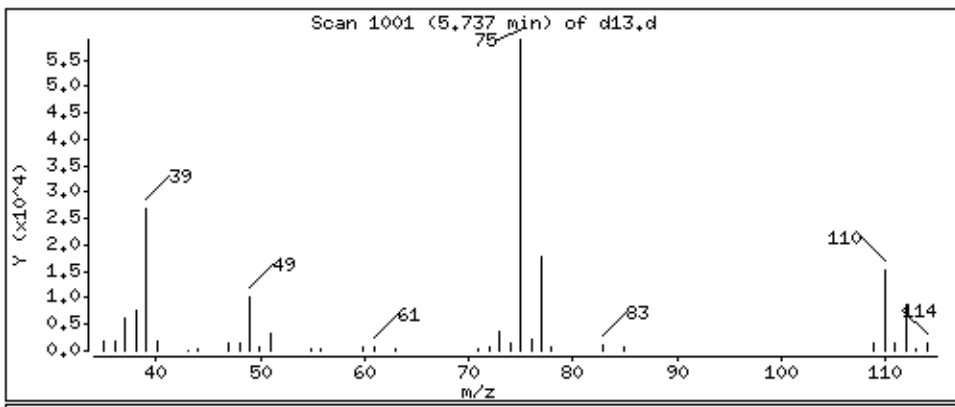
Column phase: DB-624

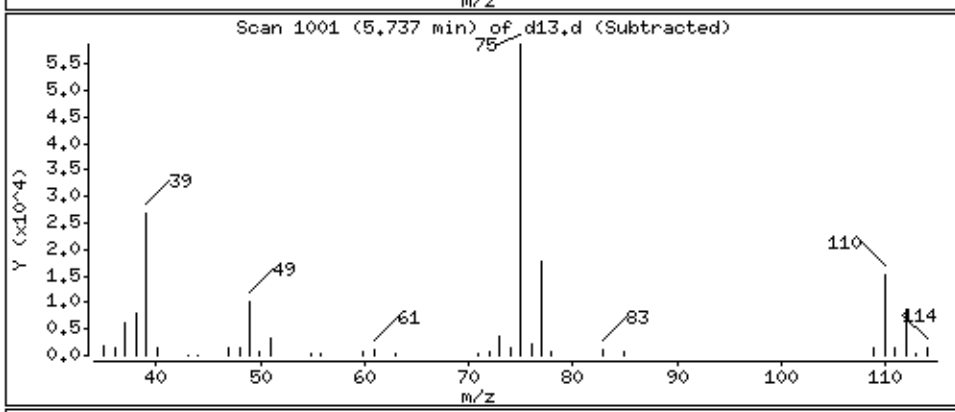
Column diameter: 0.18

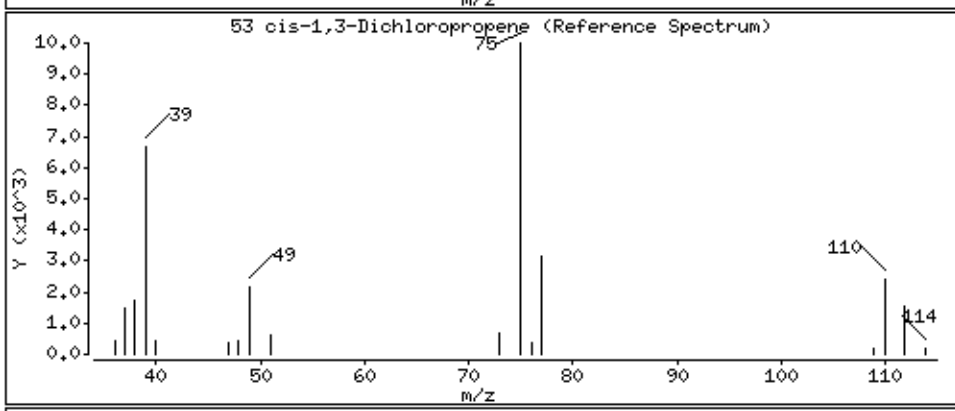
53 cis-1,3-Dichloropropene

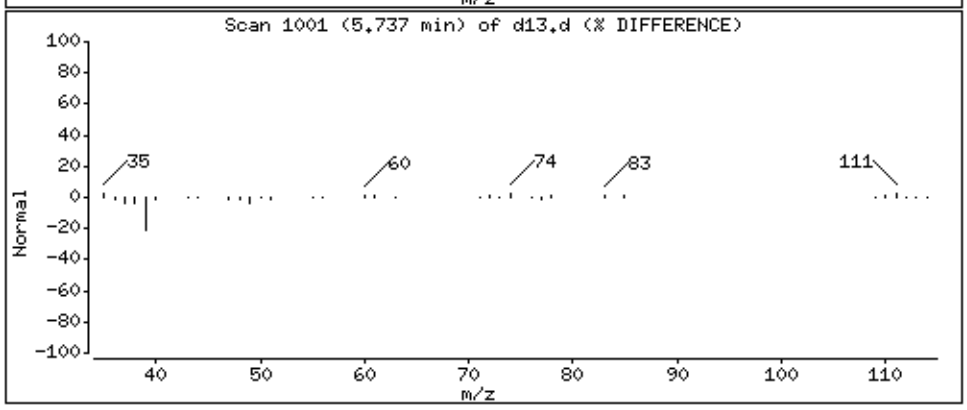
Concentration: 38.6 ppb

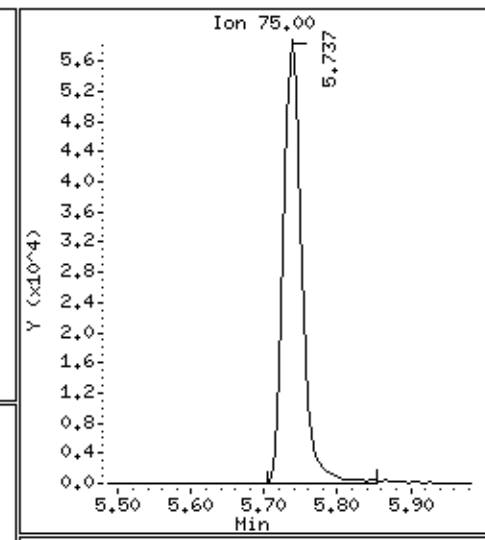
Review Code:

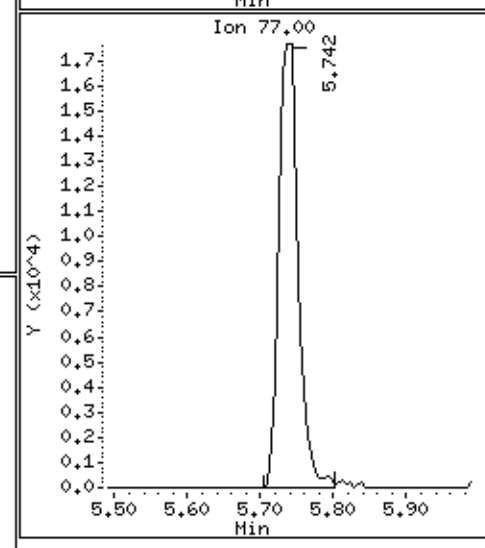












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

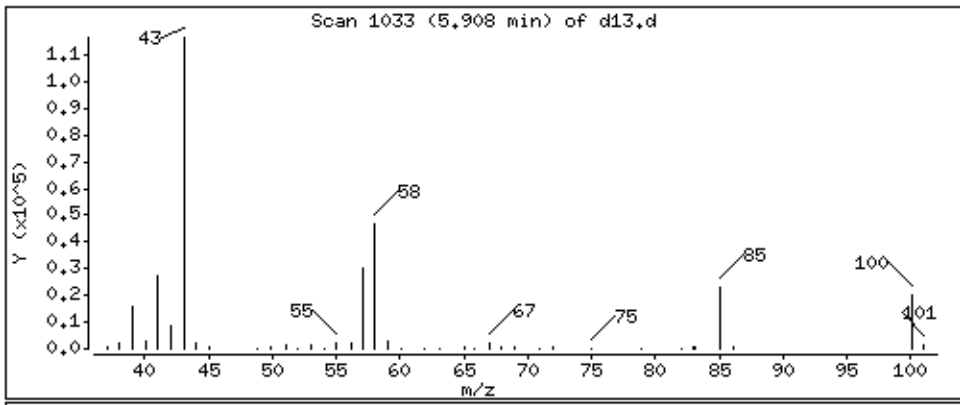
Column phase: DB-624

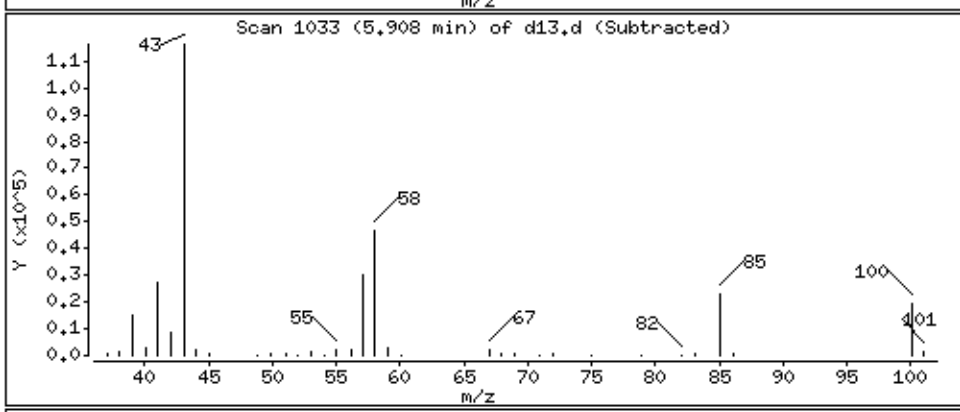
Column diameter: 0.18

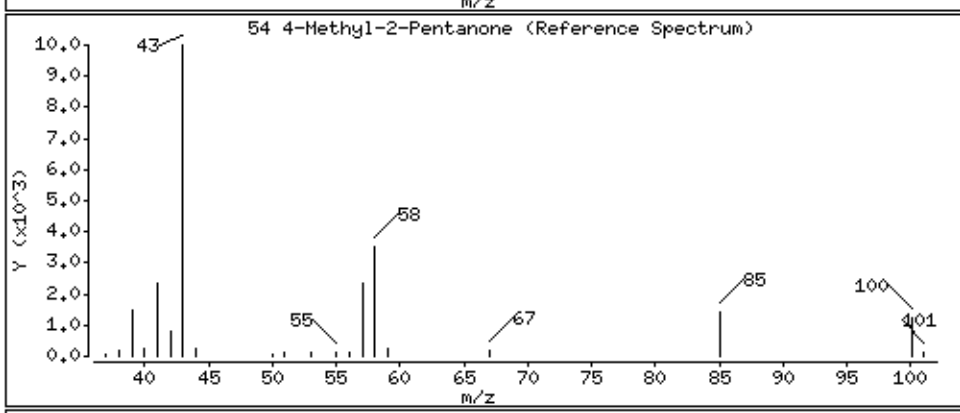
54 4-Methyl-2-Pentanone

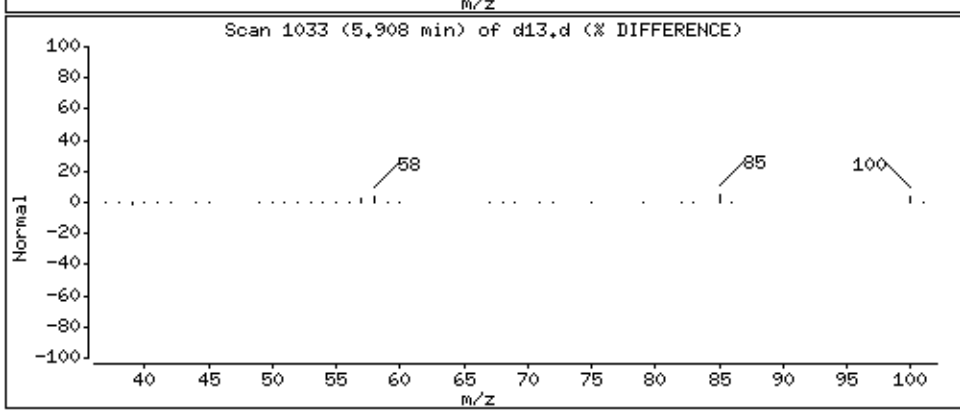
Concentration: 236 ppb

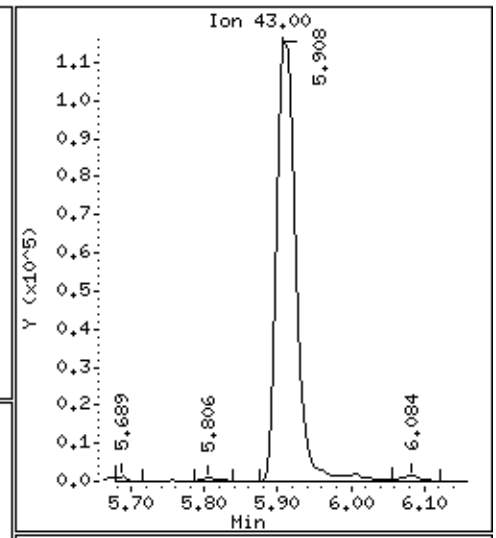
Review Code:

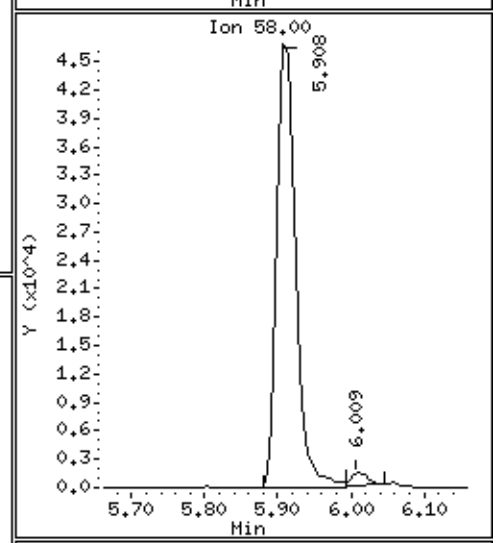


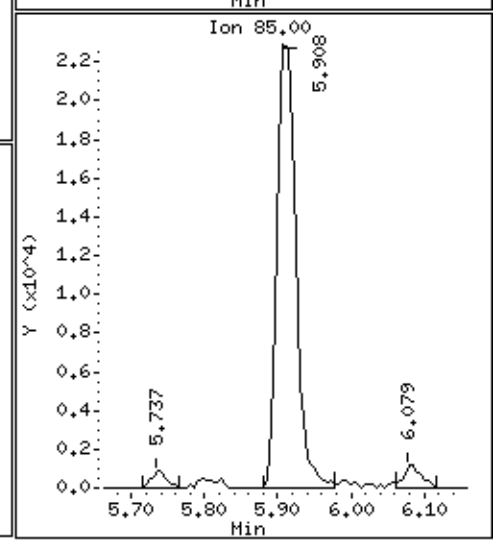












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

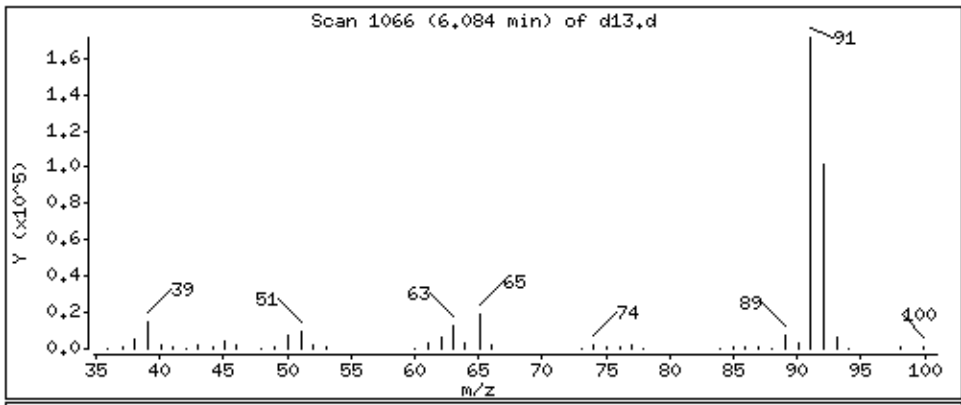
Column phase: DB-624

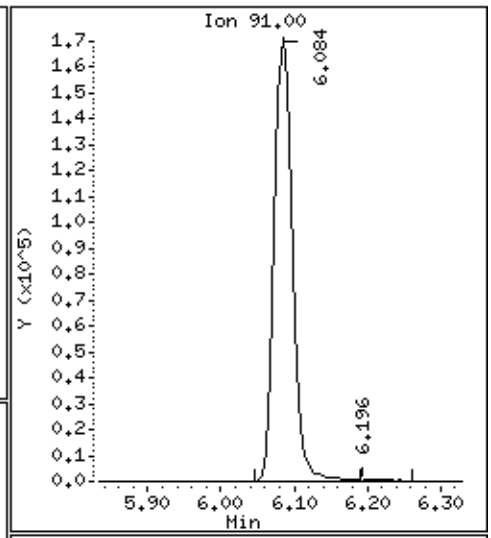
Column diameter: 0.18

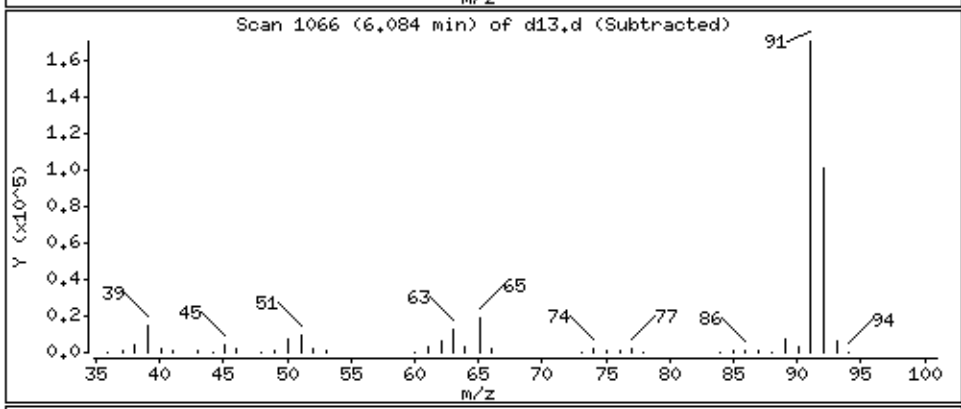
56 Toluene

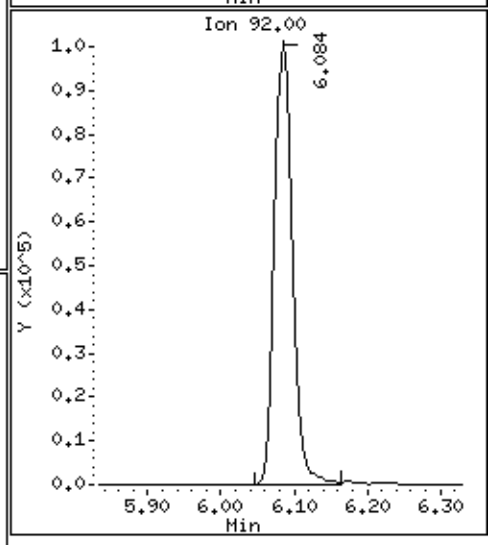
Concentration: 33.4 ppb

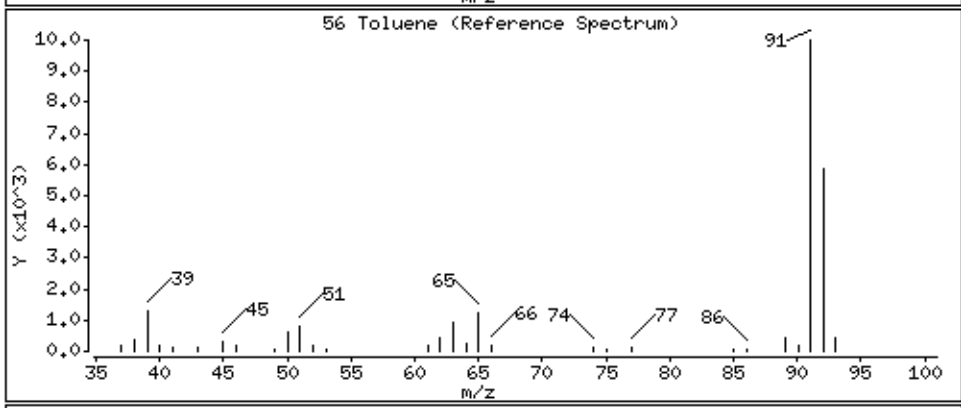
Review Code:

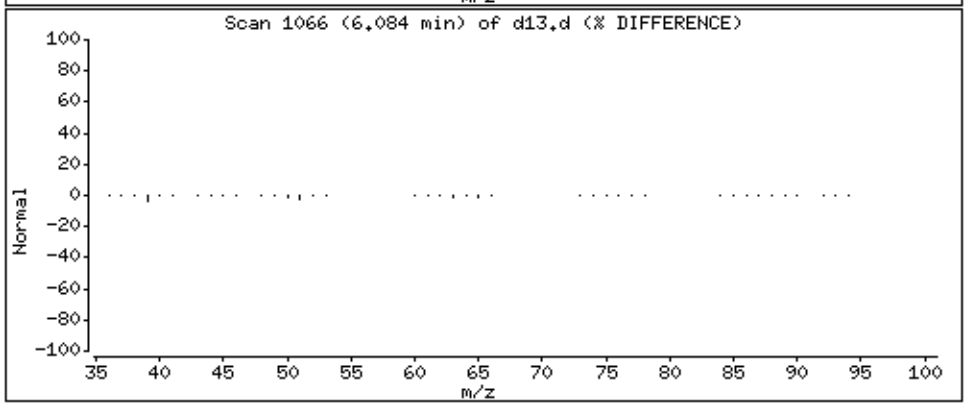












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

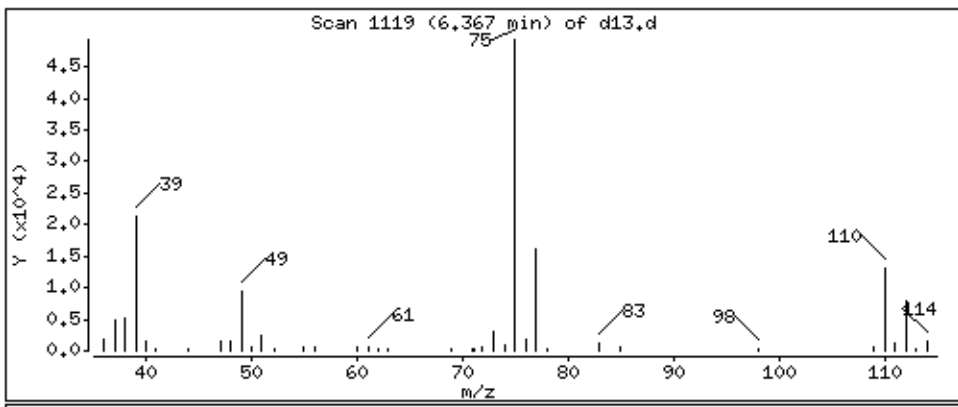
Column phase: DB-624

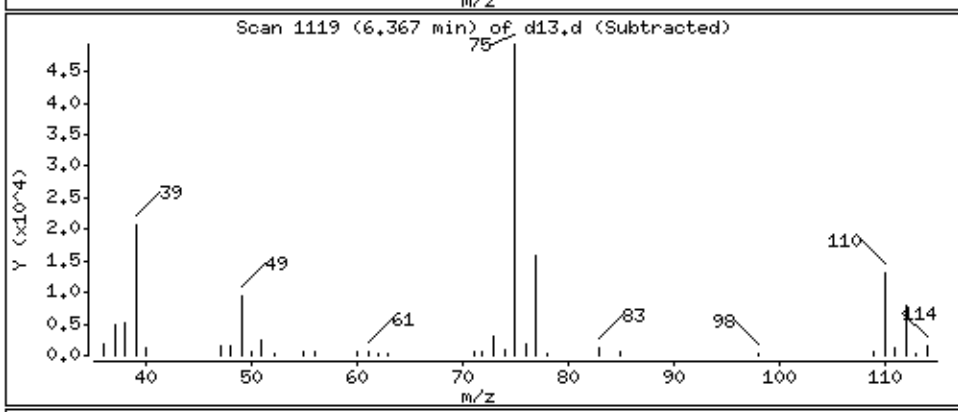
Column diameter: 0.18

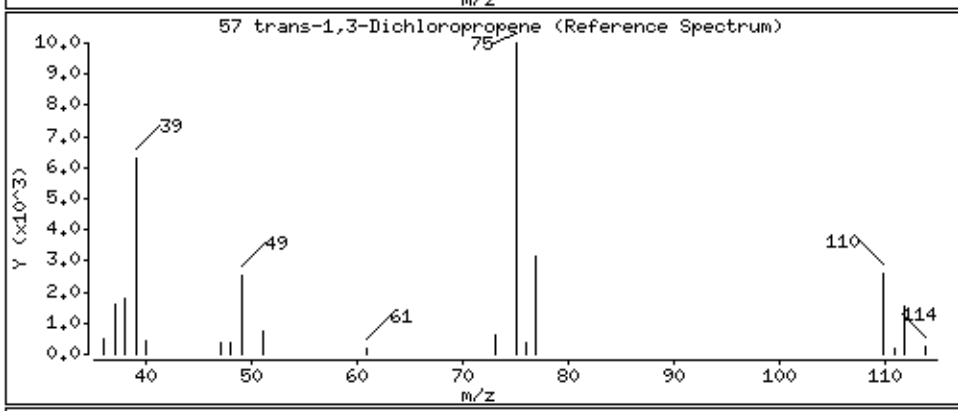
57 trans-1,3-Dichloropropene

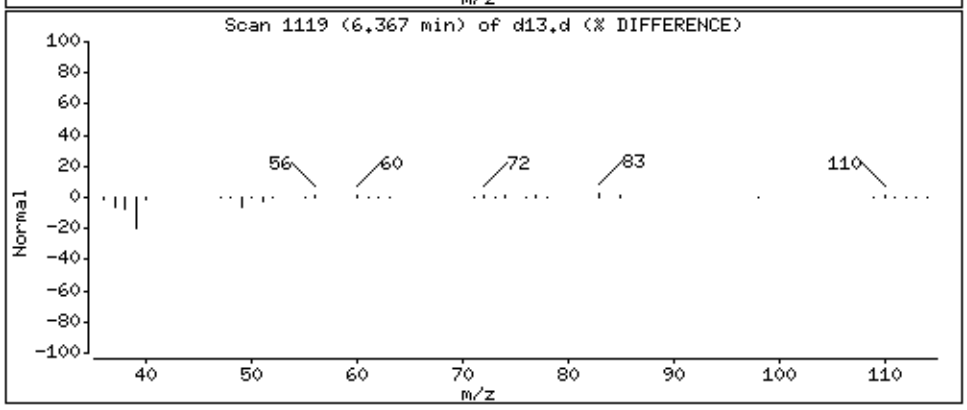
Concentration: 38.9 ppb

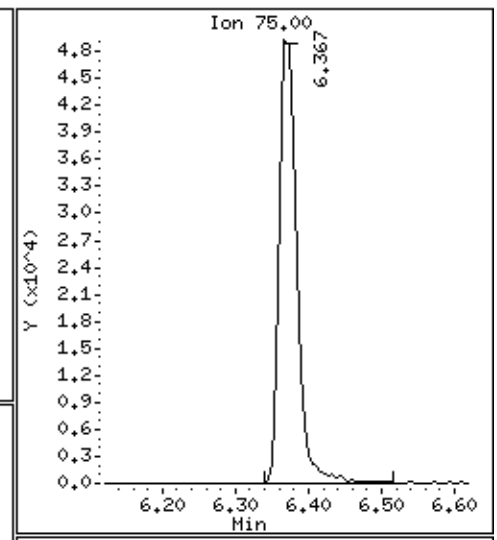
Review Code:

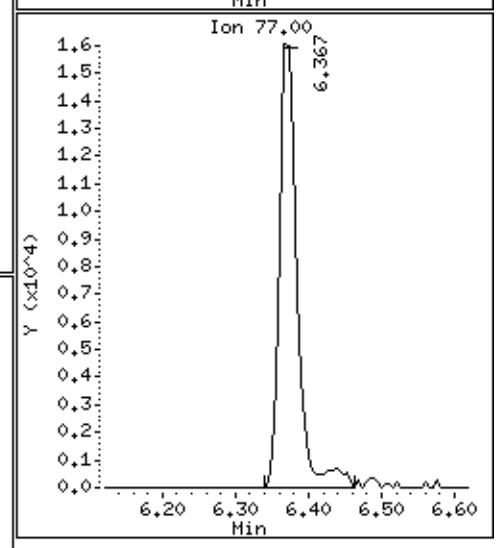












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

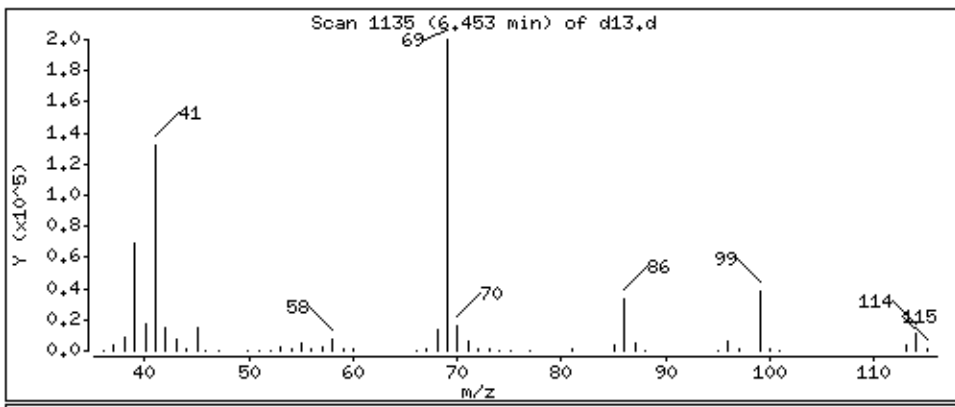
Column phase: DB-624

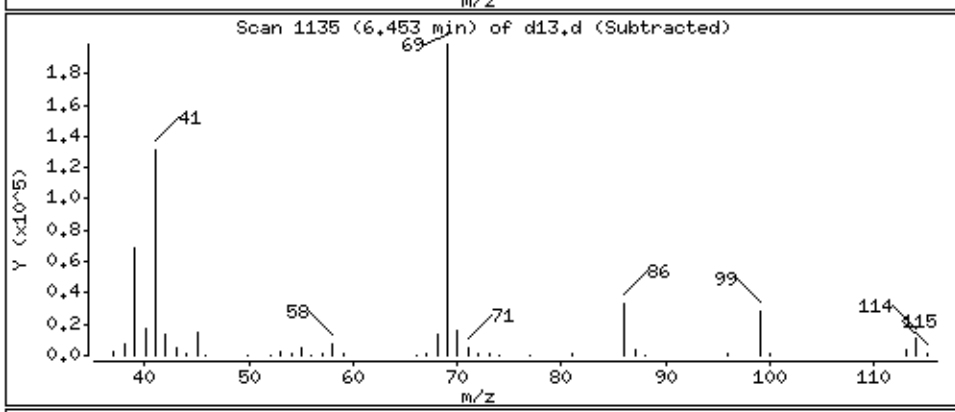
Column diameter: 0.18

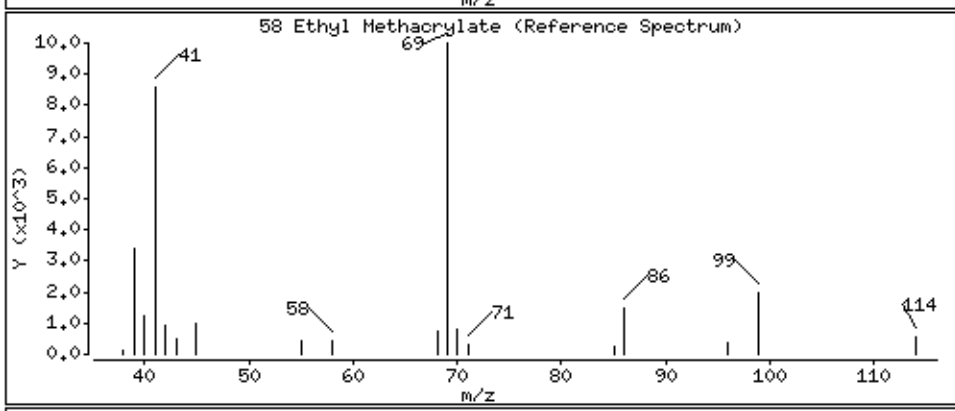
58 Ethyl Methacrylate

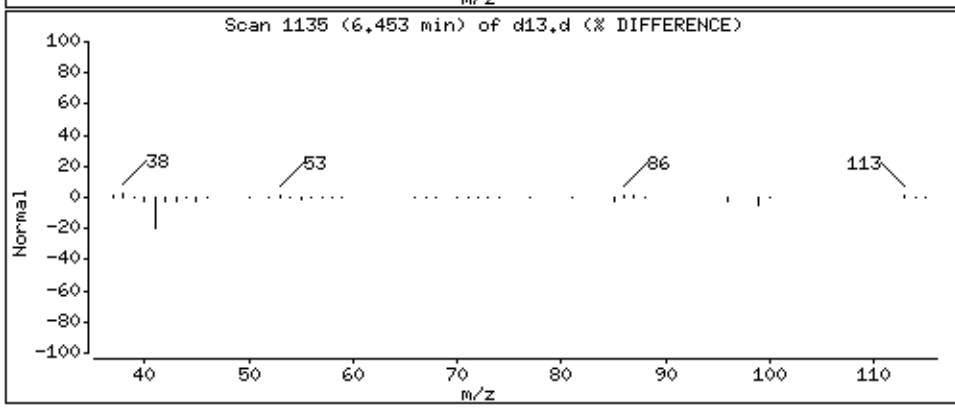
Concentration: 186 ppb

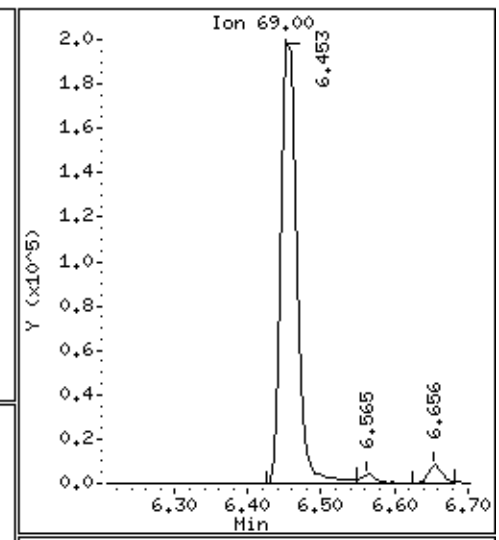
Review Code:

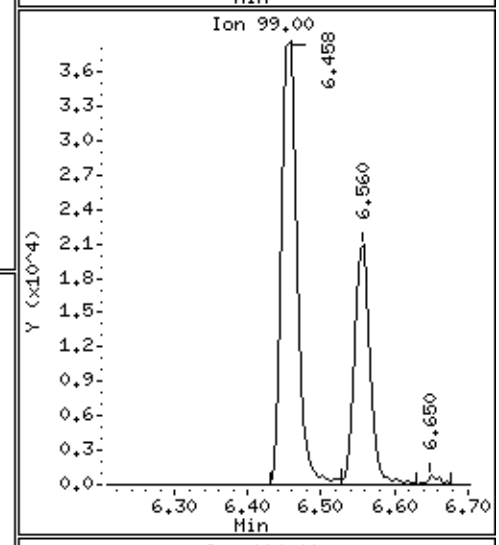


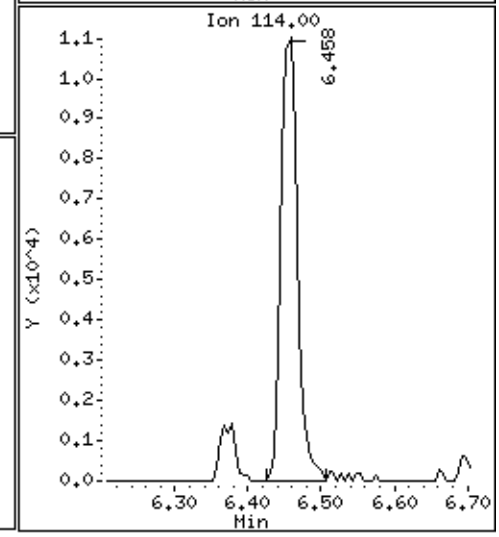












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

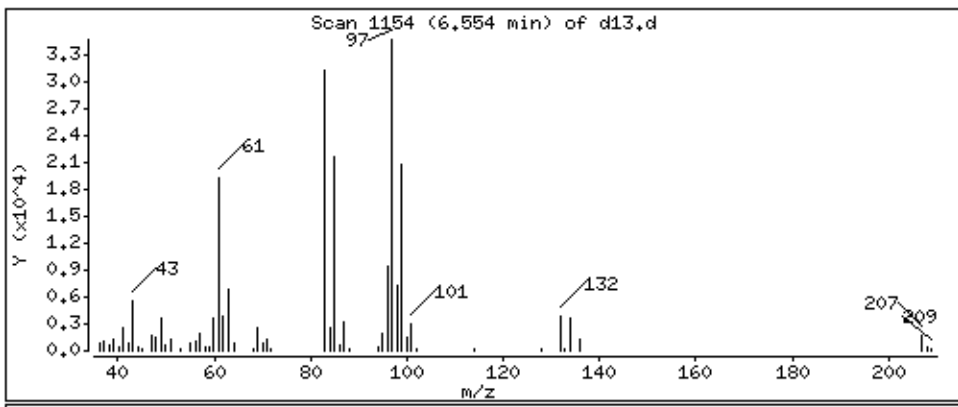
Column phase: DB-624

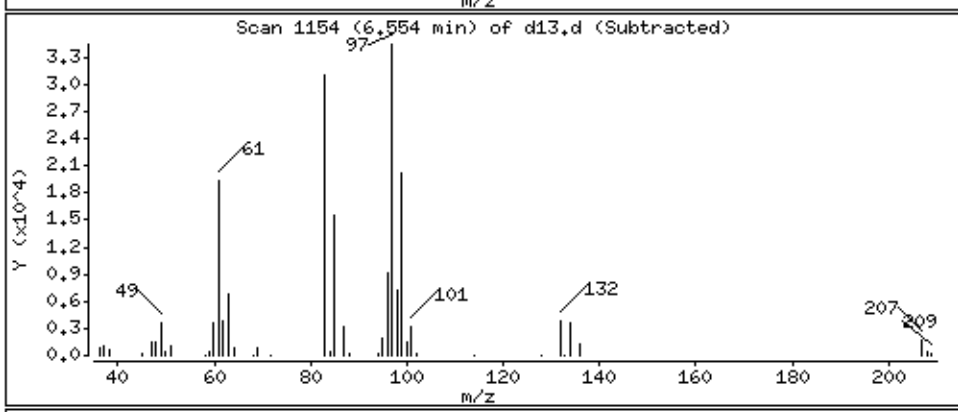
Column diameter: 0.18

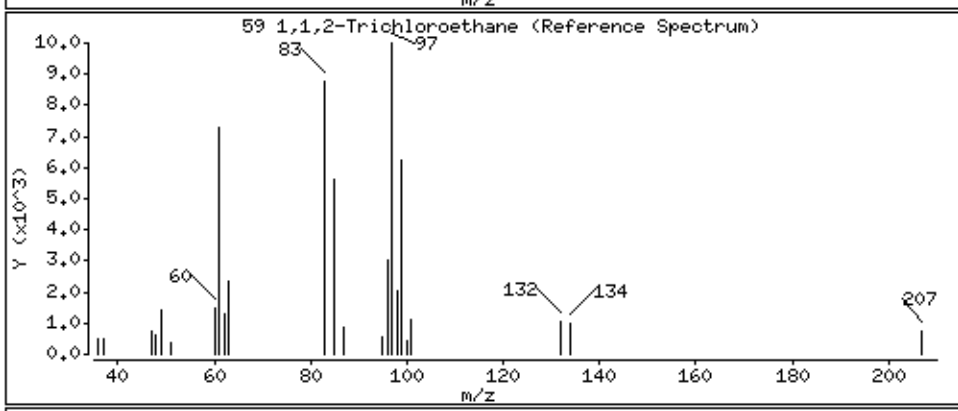
59 1,1,2-Trichloroethane

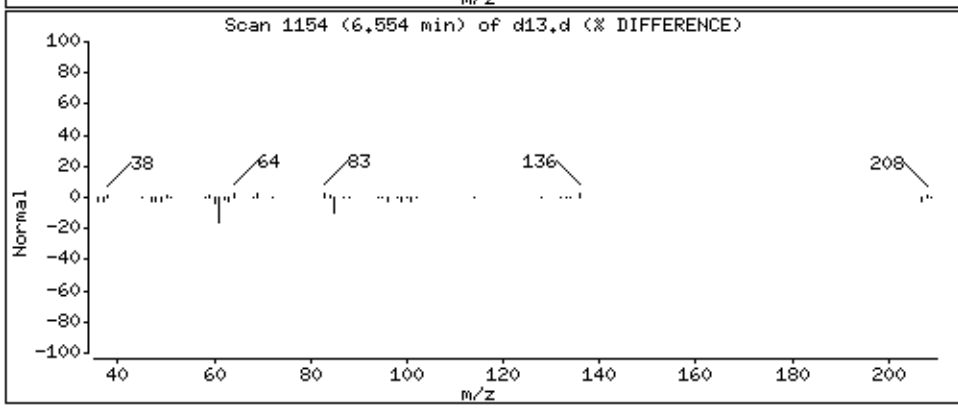
Concentration: 43.8 ppb

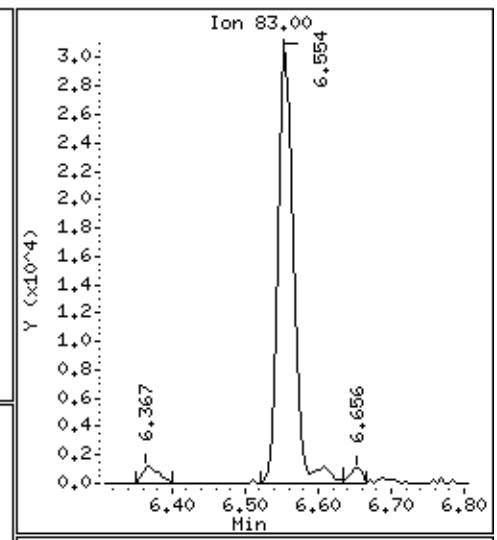
Review Code:

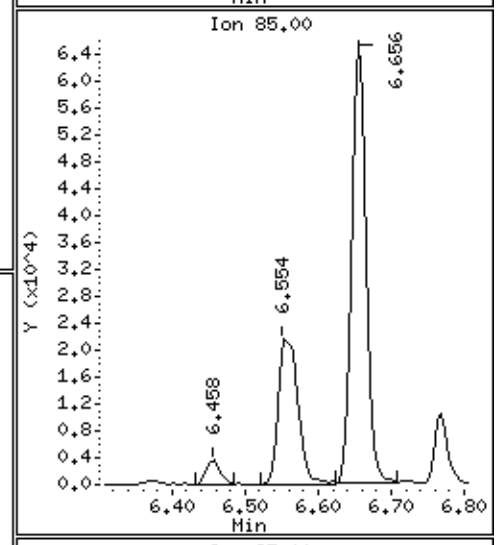


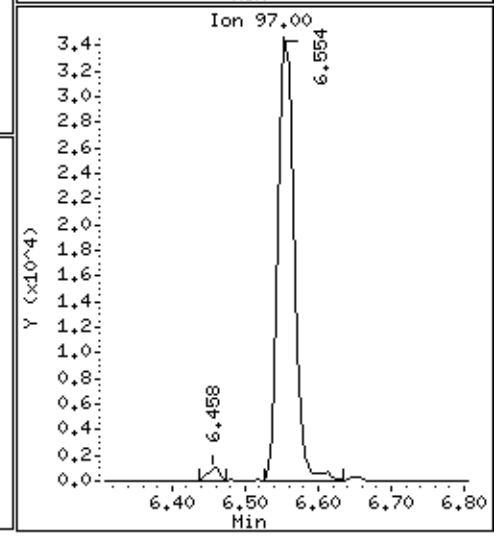












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

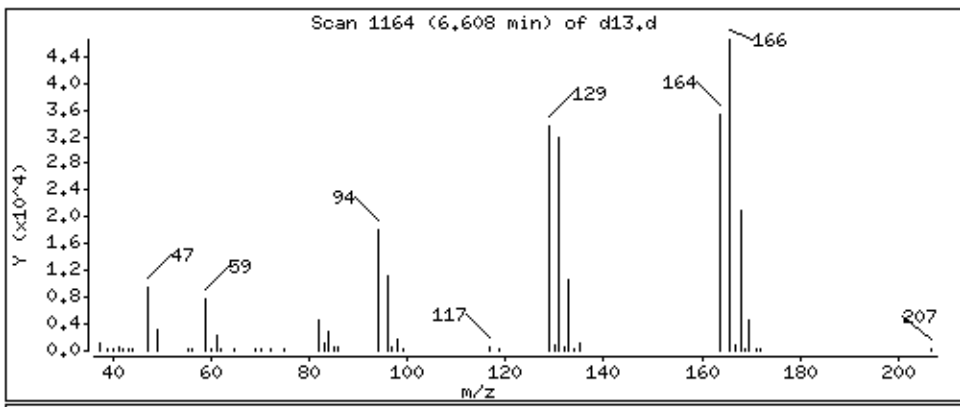
Column phase: DB-624

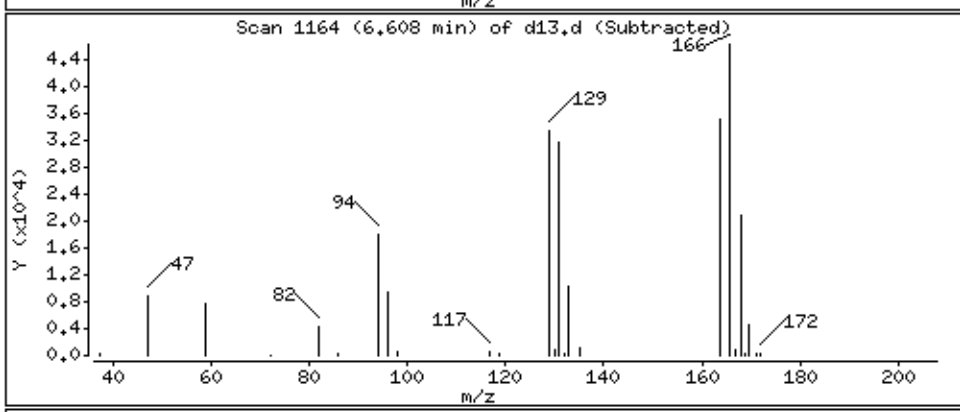
Column diameter: 0.18

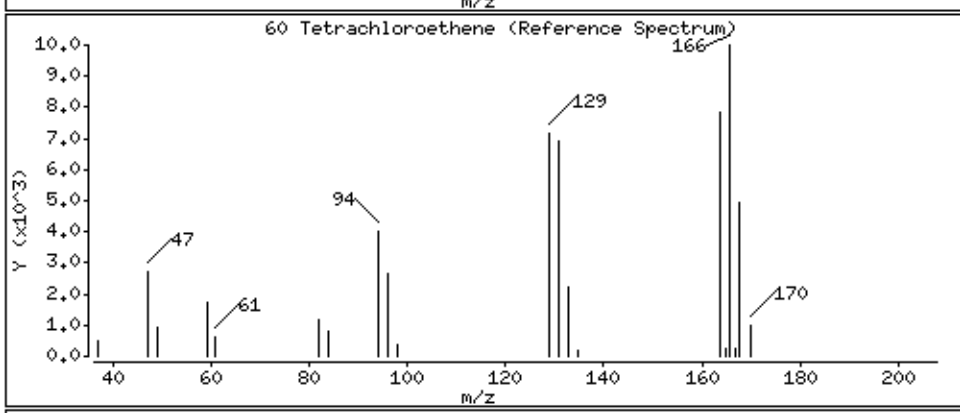
60 Tetrachloroethene

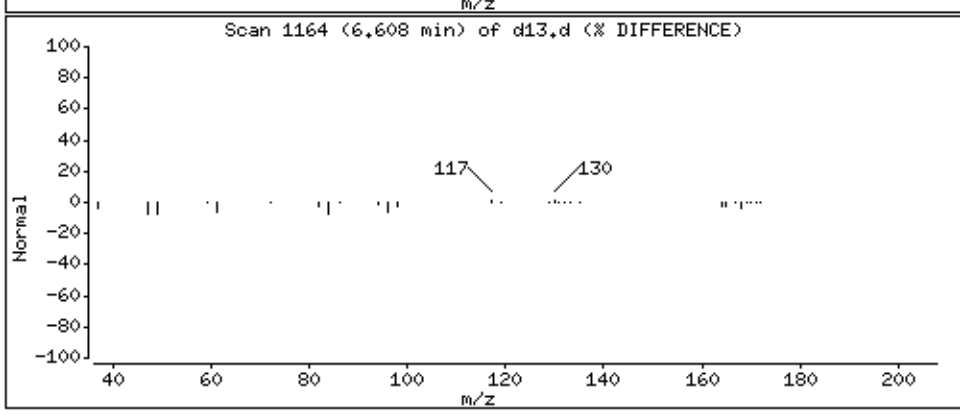
Concentration: 29.2 ppb

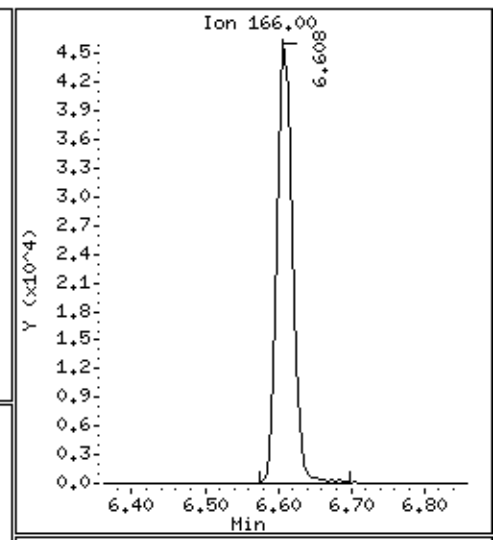
Review Code:

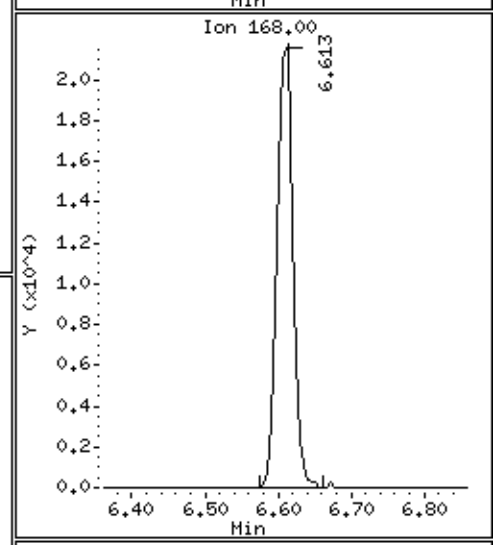


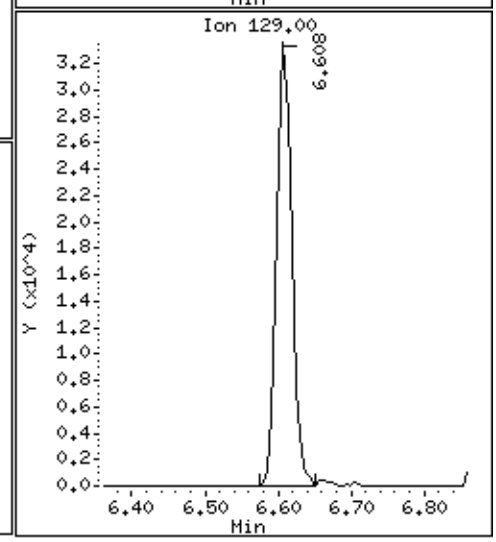












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

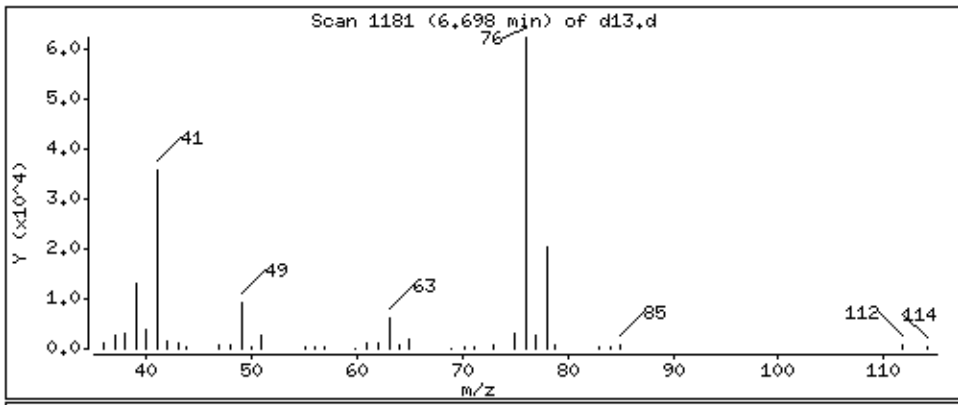
Column phase: DB-624

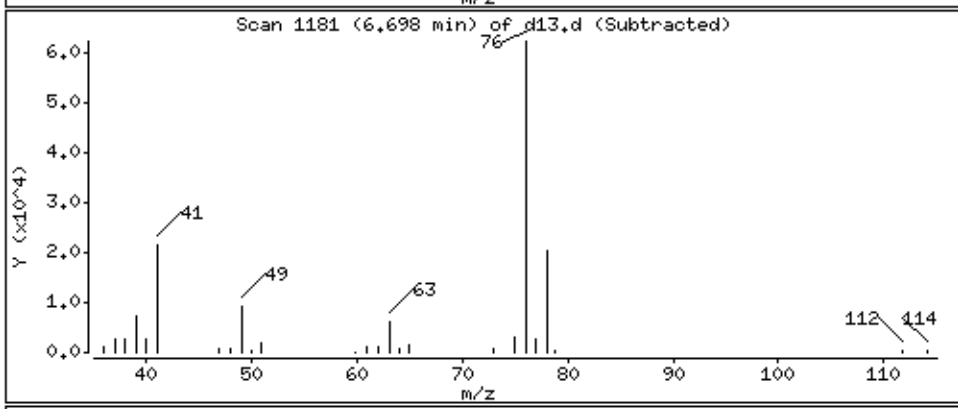
Column diameter: 0.18

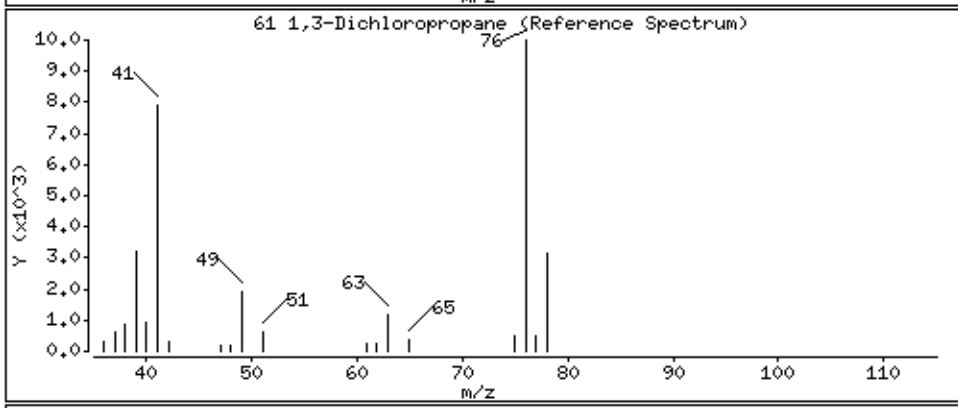
61 1,3-Dichloropropane

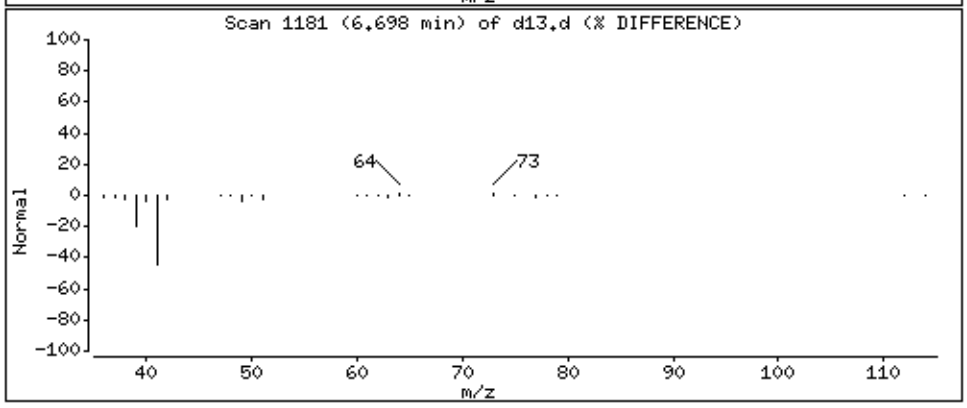
Concentration: 46.5 ppb

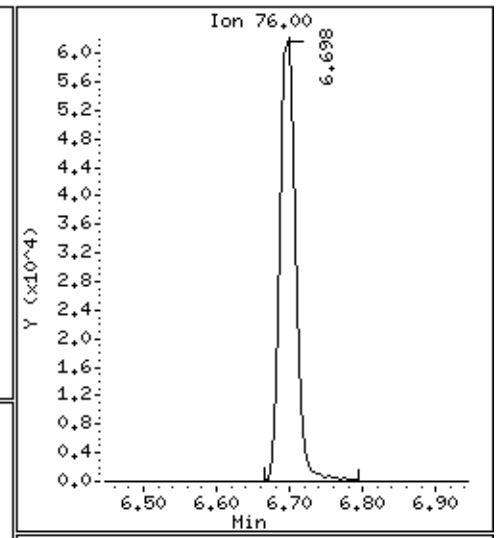
Review Code:

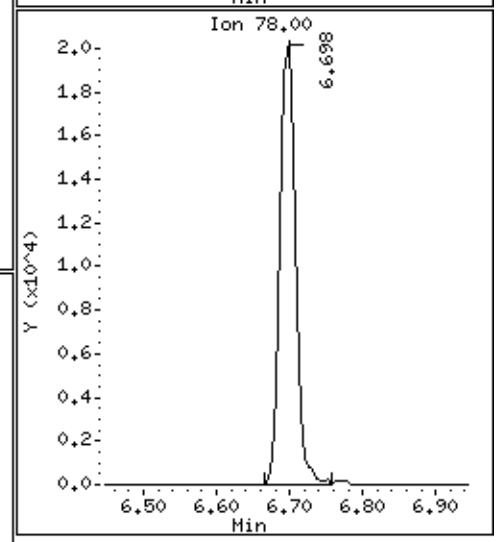












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

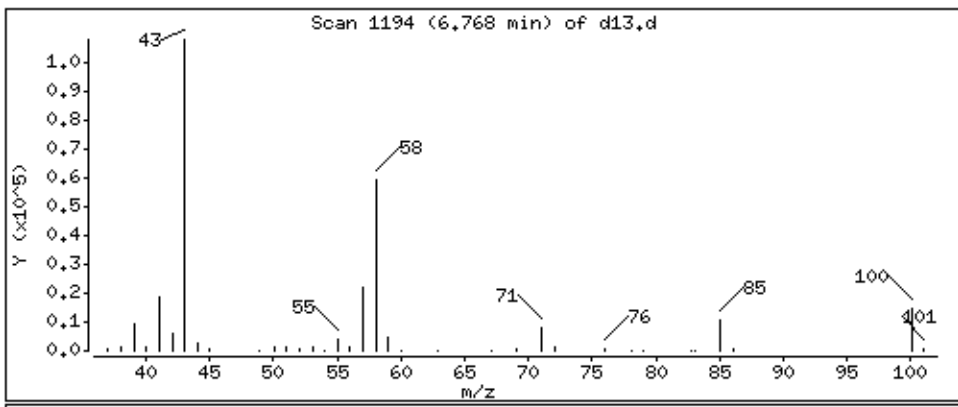
Column phase: DB-624

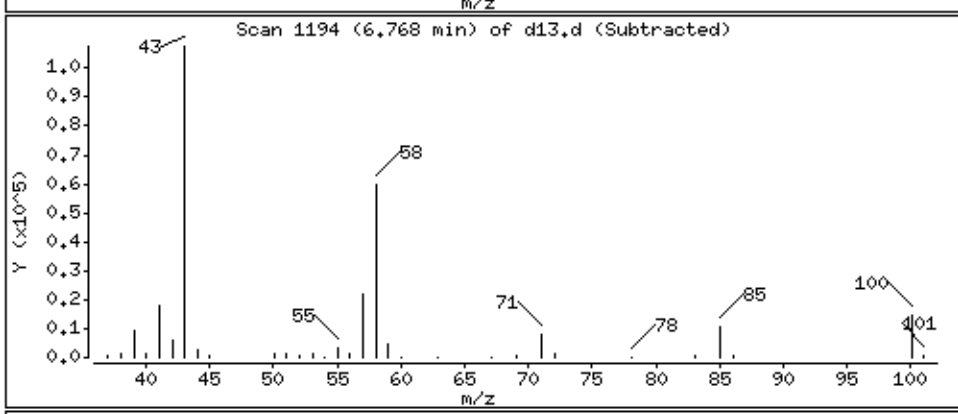
Column diameter: 0.18

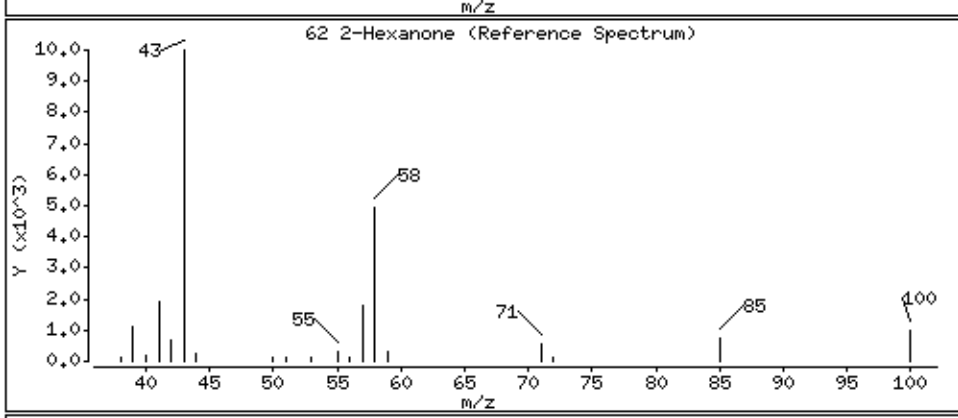
62 2-Hexanone

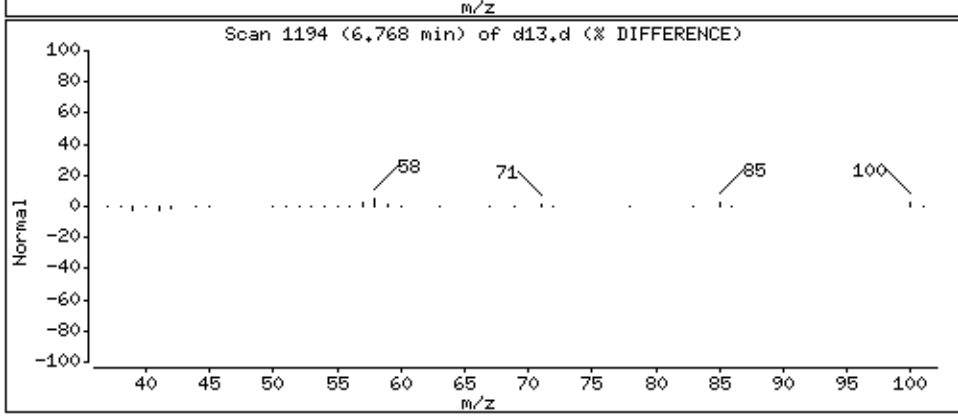
Concentration: 251 ppb

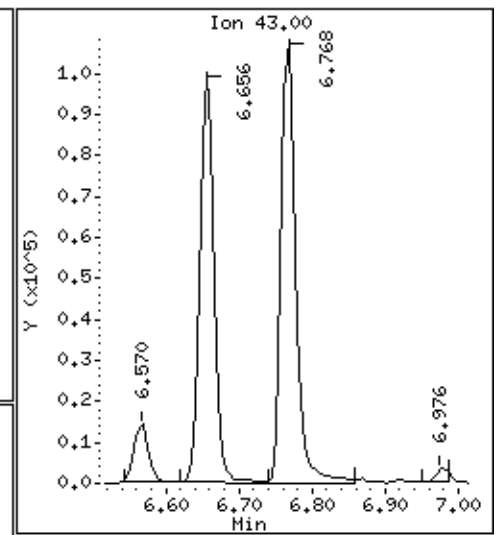
Review Code:

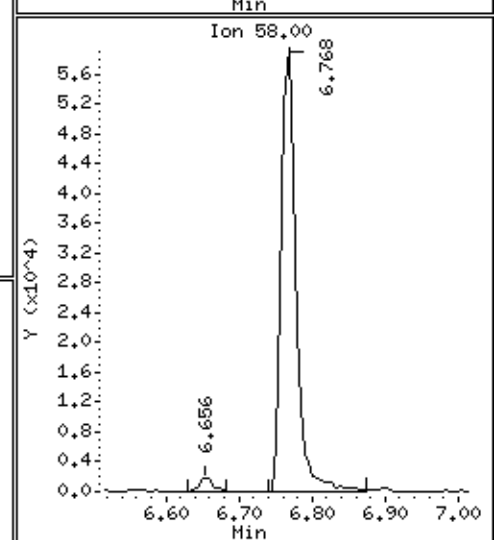


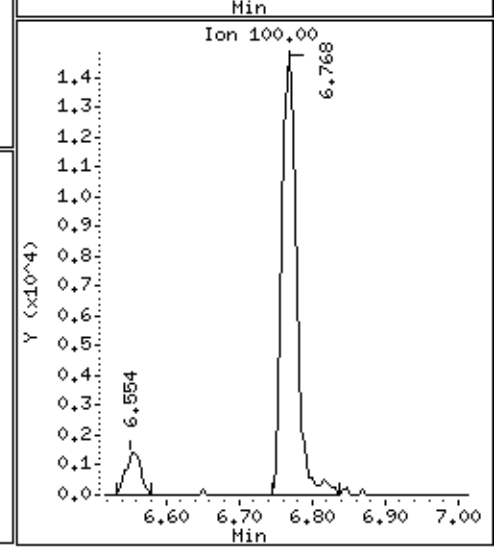












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

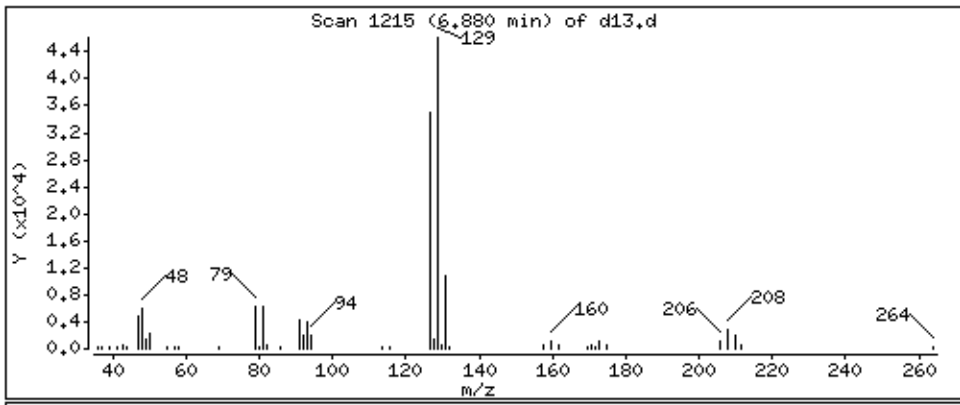
Column phase: DB-624

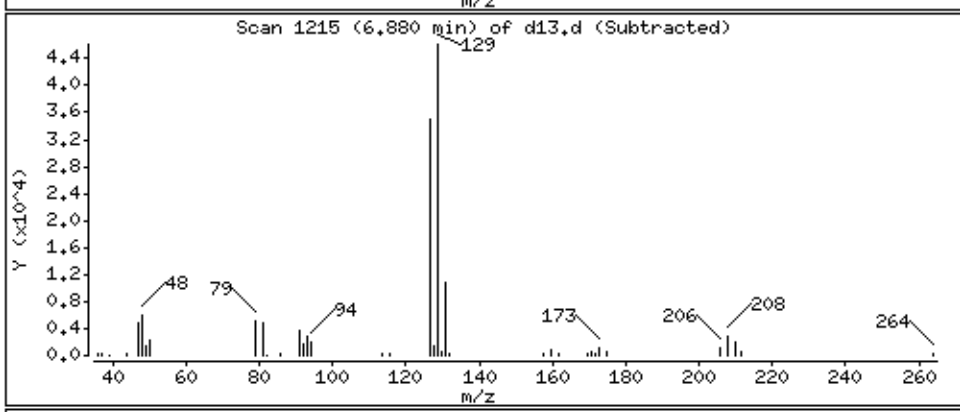
Column diameter: 0.18

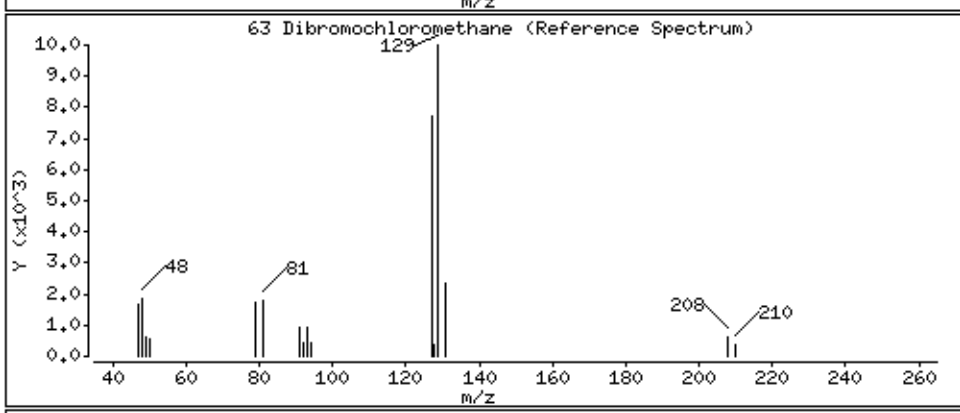
63 Dibromochloromethane

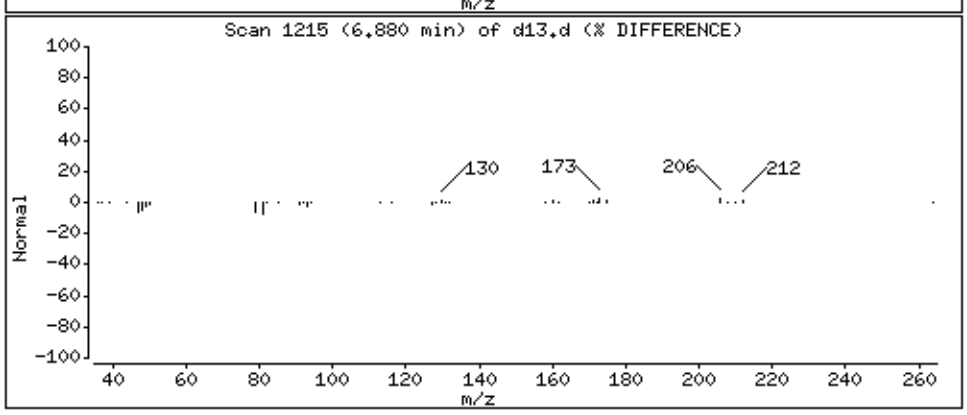
Concentration: 44.1 ppb

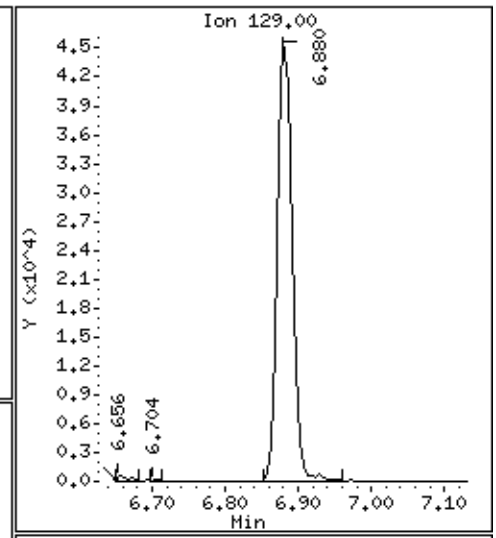
Review Code:

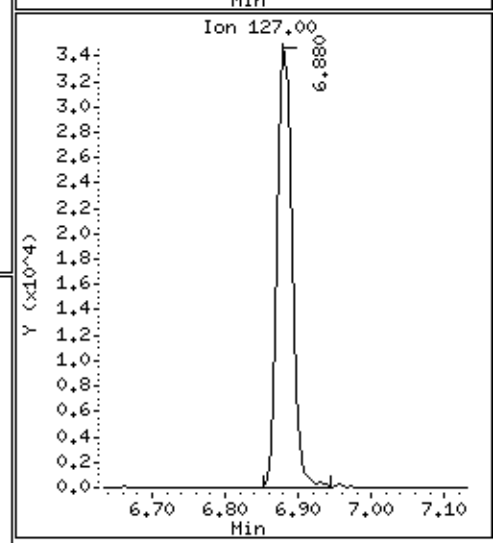












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

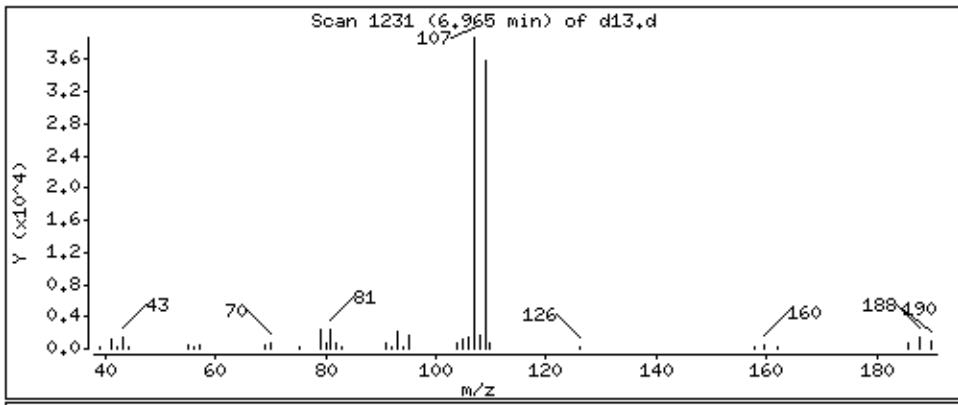
Column phase: DB-624

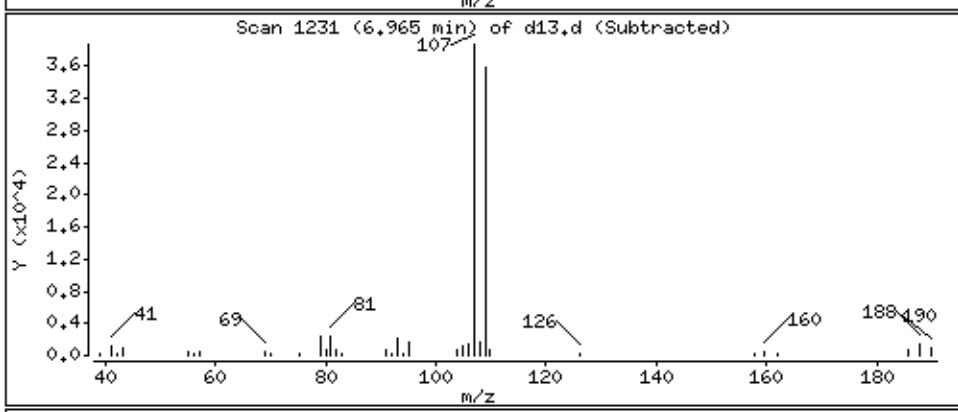
Column diameter: 0.18

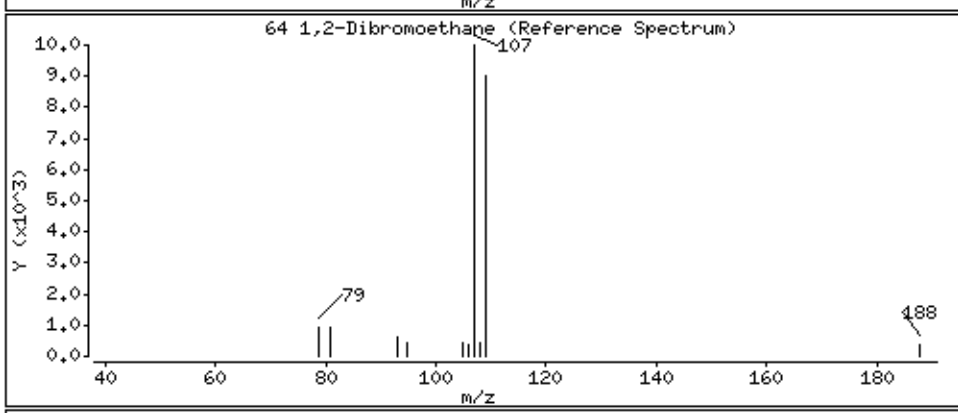
64 1,2-Dibromoethane

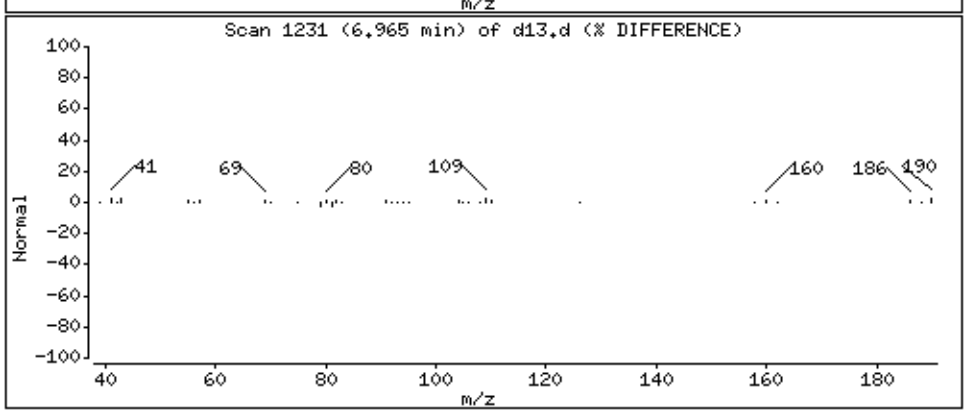
Concentration: 46.4 ppb

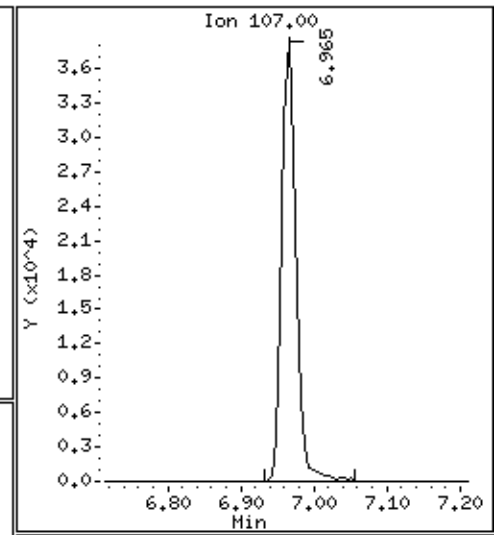
Review Code:

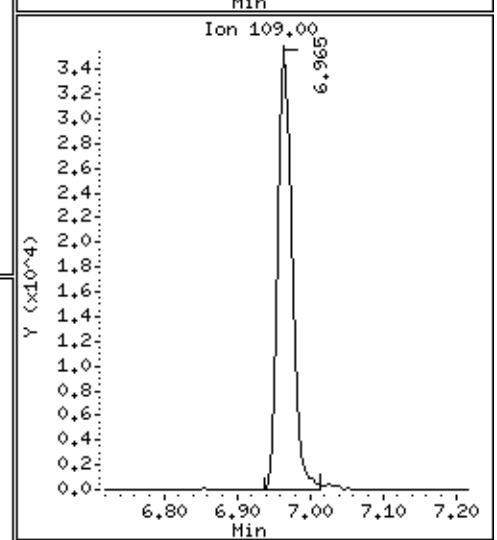












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

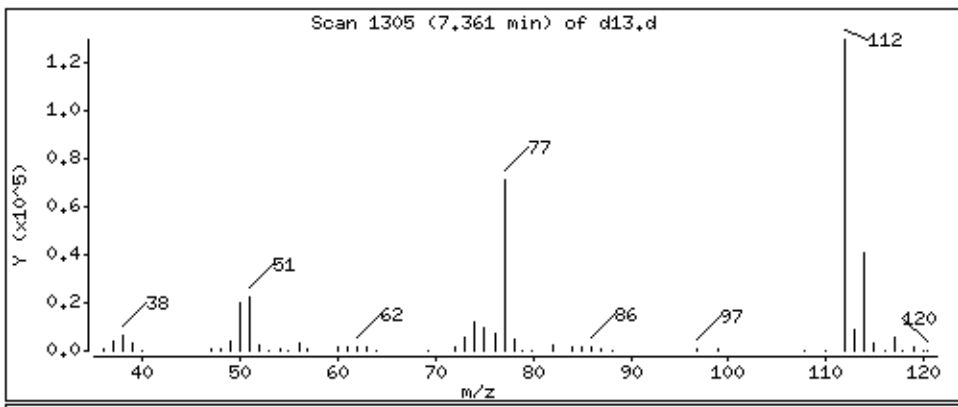
Column phase: DB-624

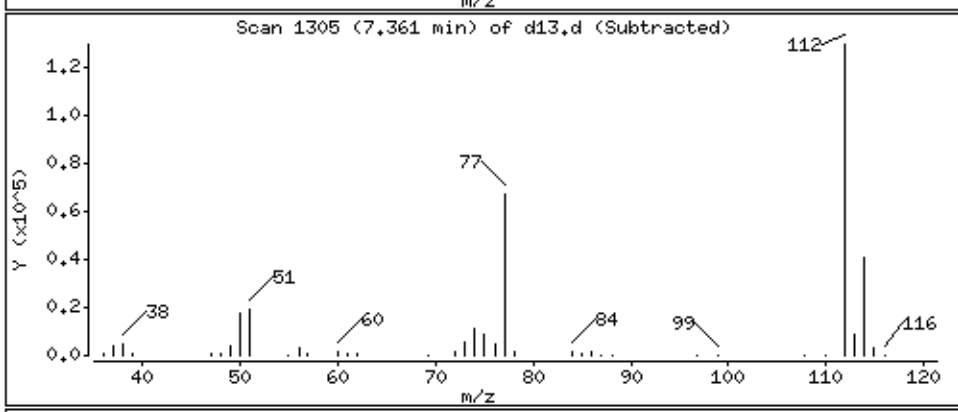
Column diameter: 0.18

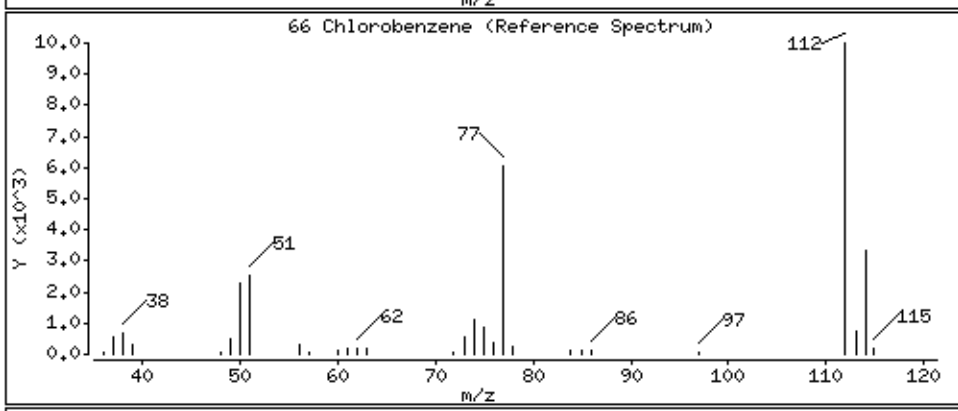
66 Chlorobenzene

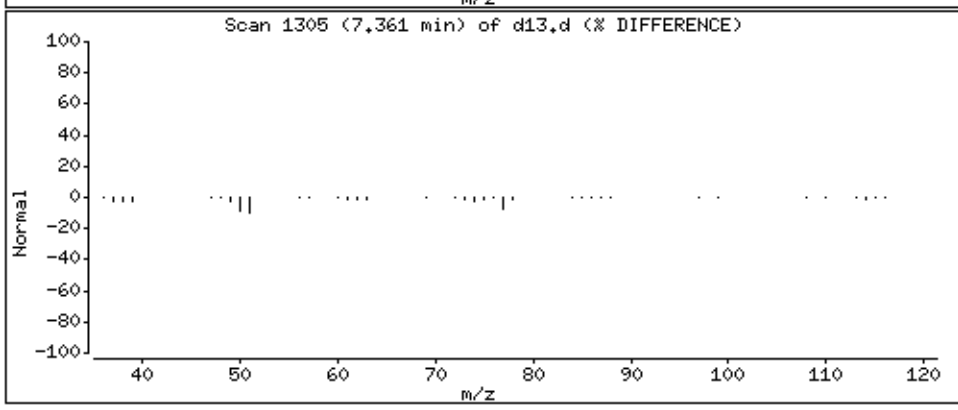
Concentration: 32.4 ppb

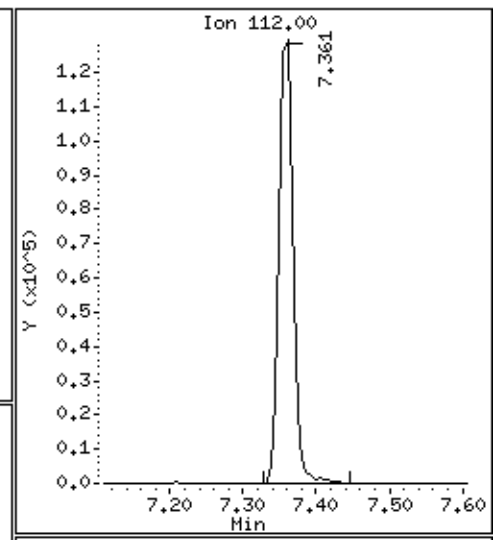
Review Code:

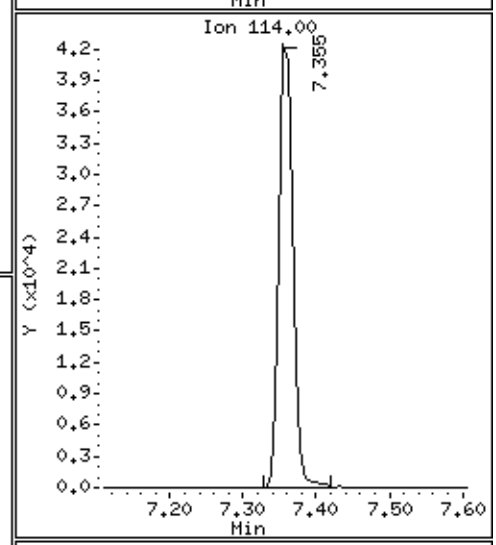


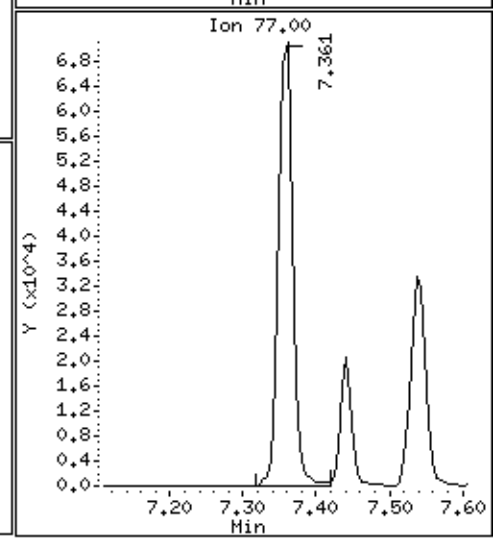












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

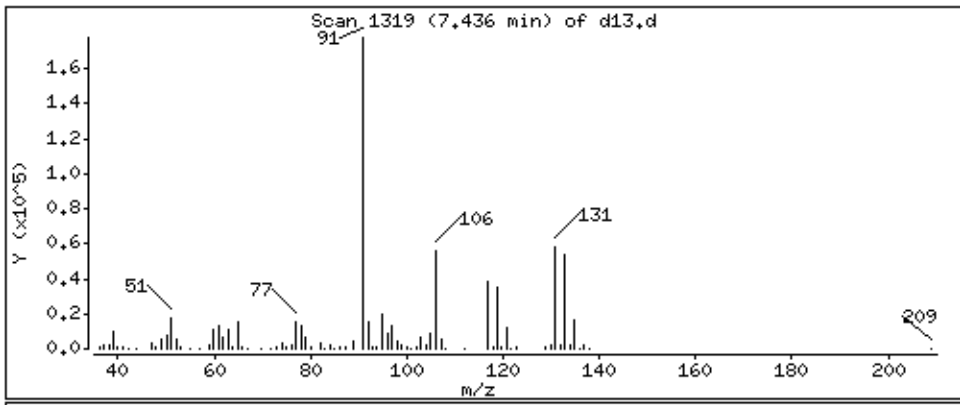
Column phase: DB-624

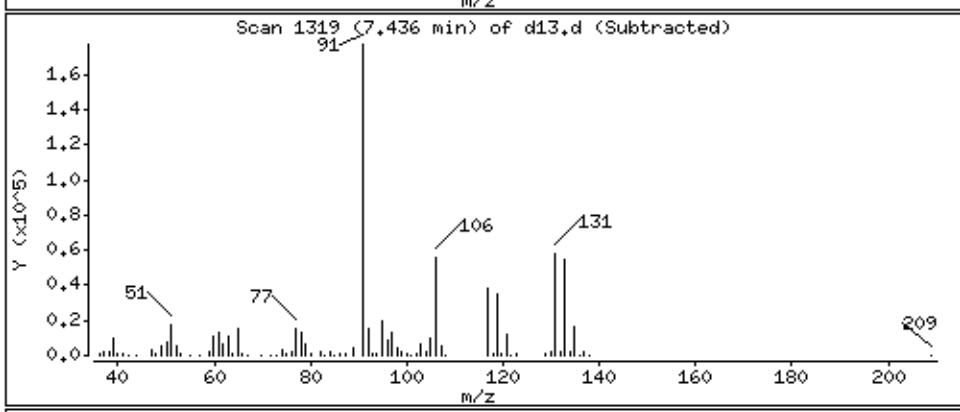
Column diameter: 0.18

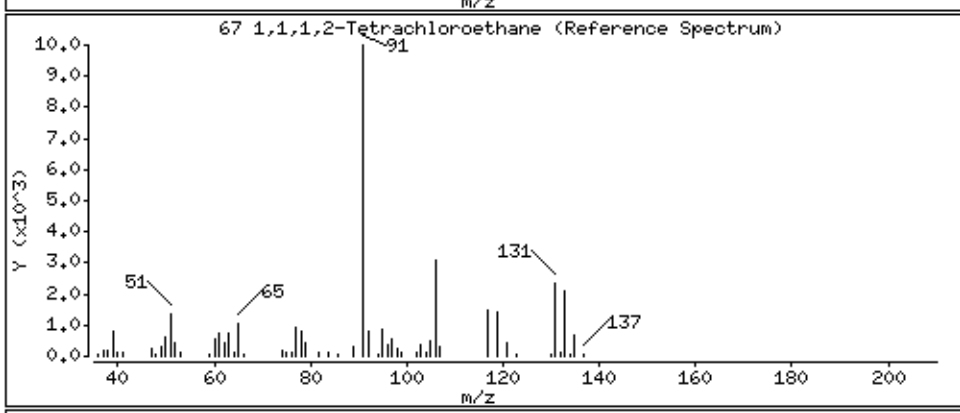
67 1,1,1,2-Tetrachloroethane

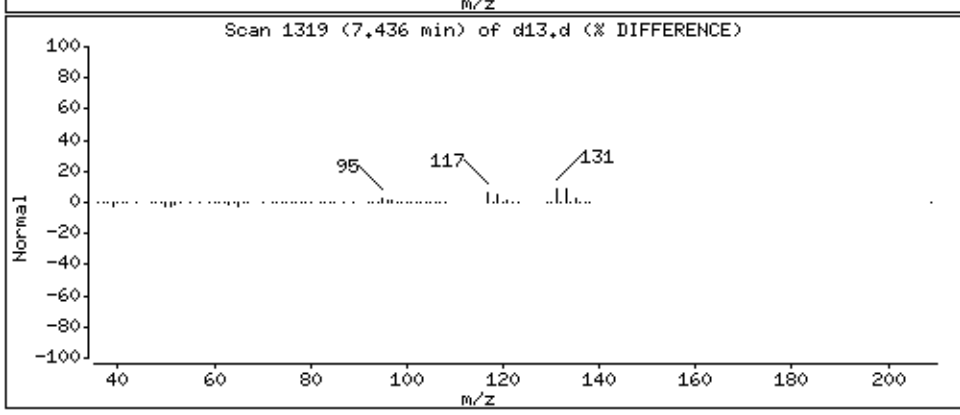
Concentration: 39.3 ppb

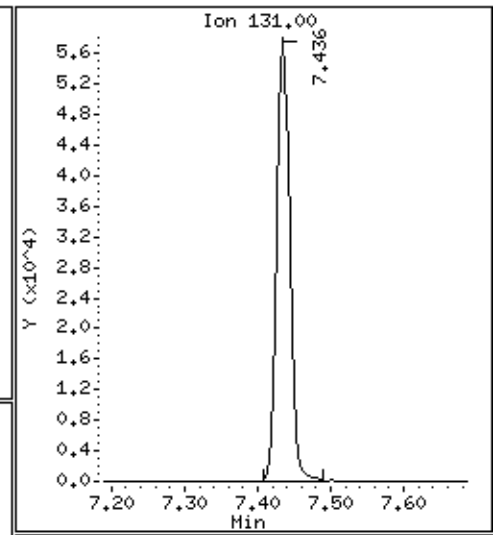
Review Code:

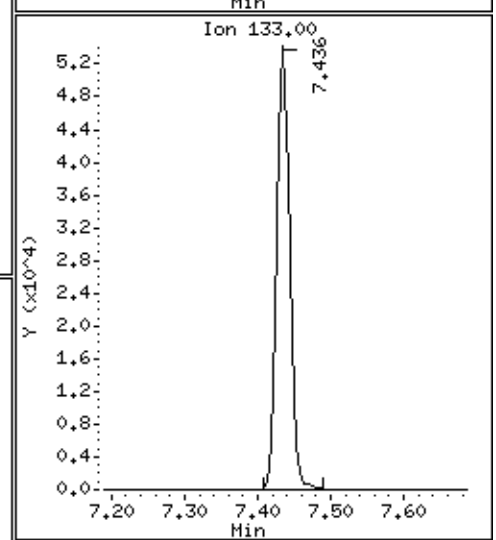


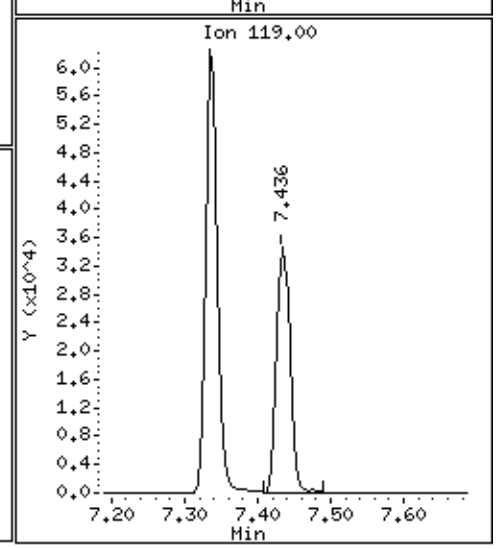












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

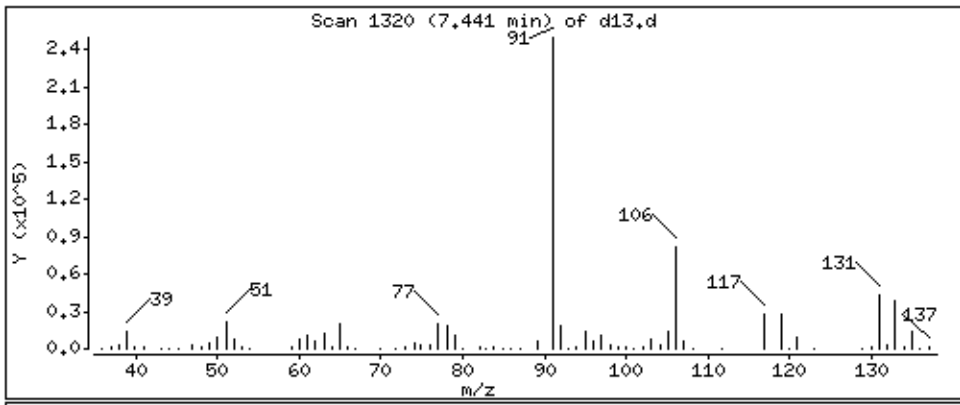
Column phase: DB-624

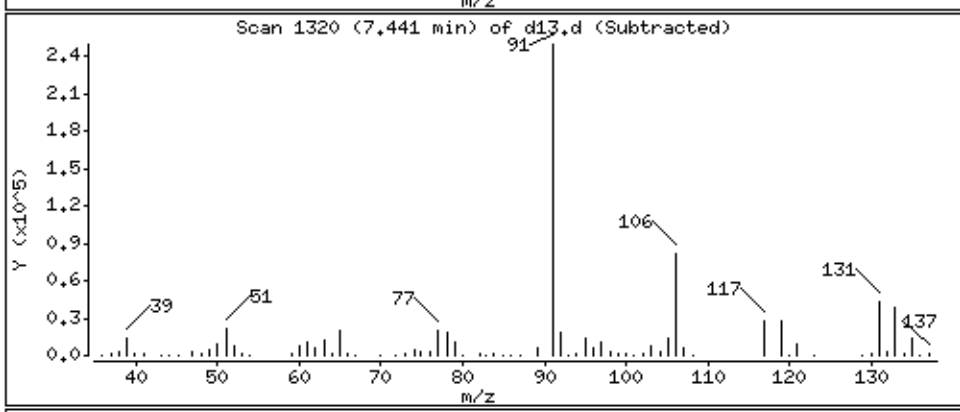
Column diameter: 0.18

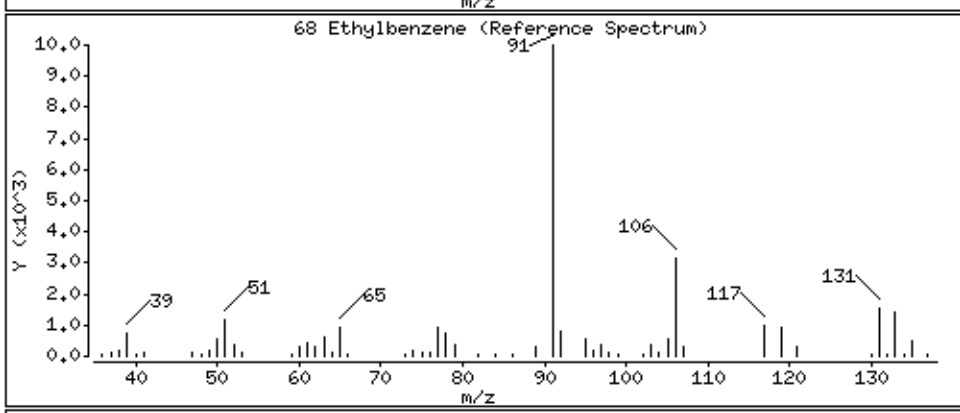
68 Ethylbenzene

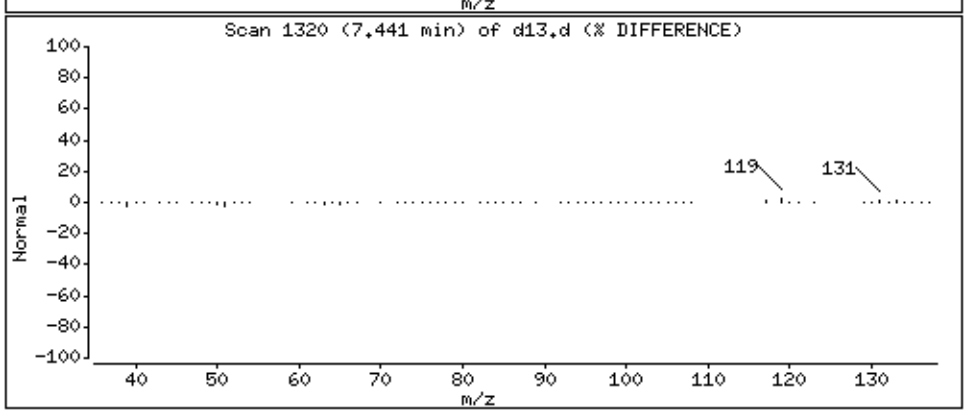
Concentration: 26.0 ppb

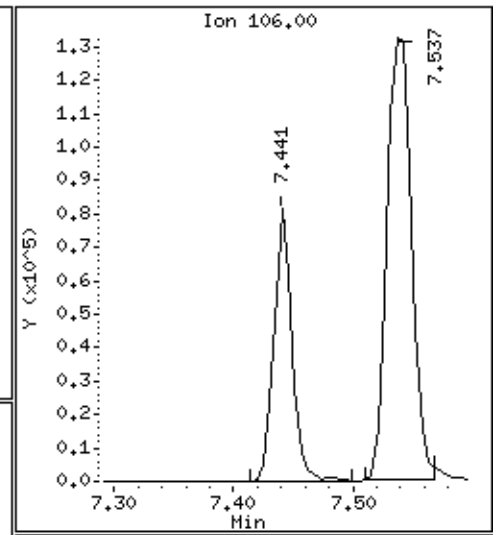
Review Code:

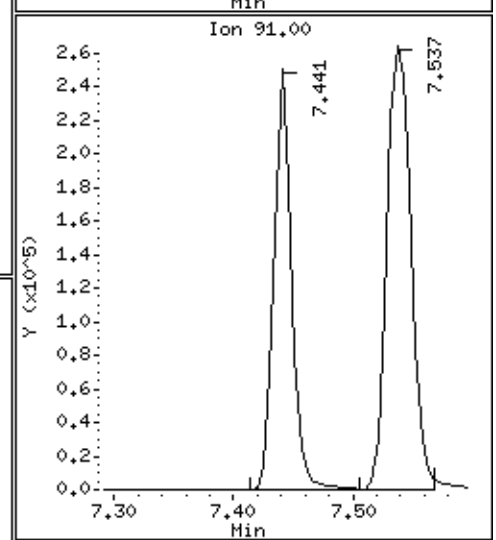












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

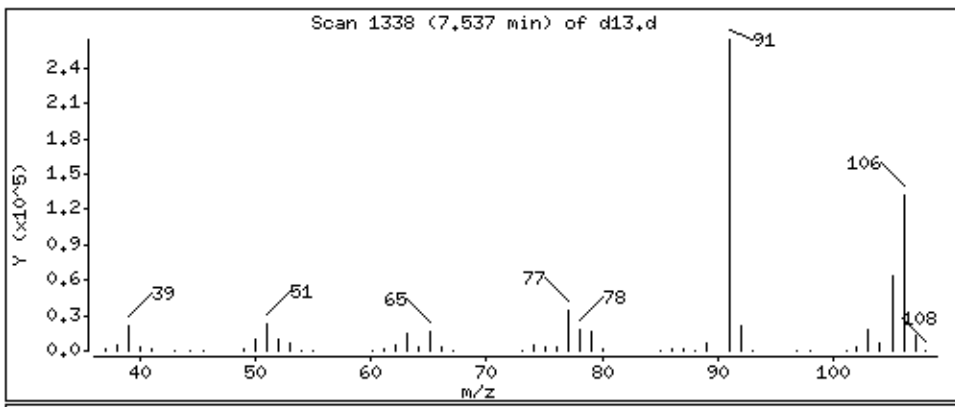
Column phase: DB-624

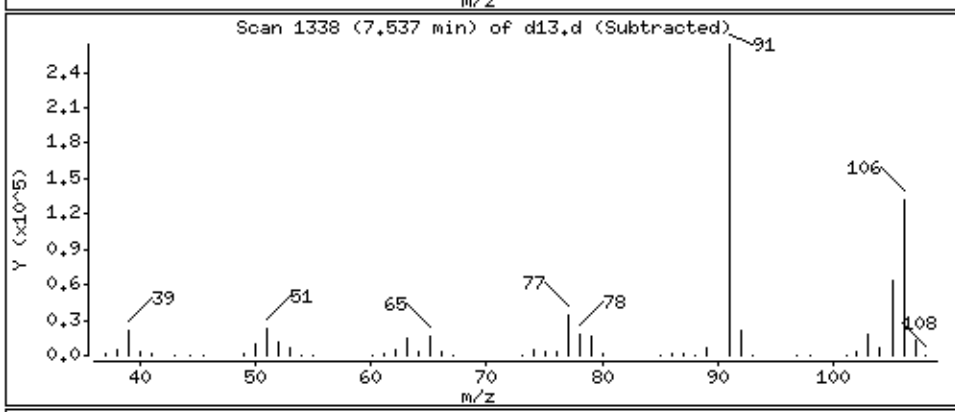
Column diameter: 0.18

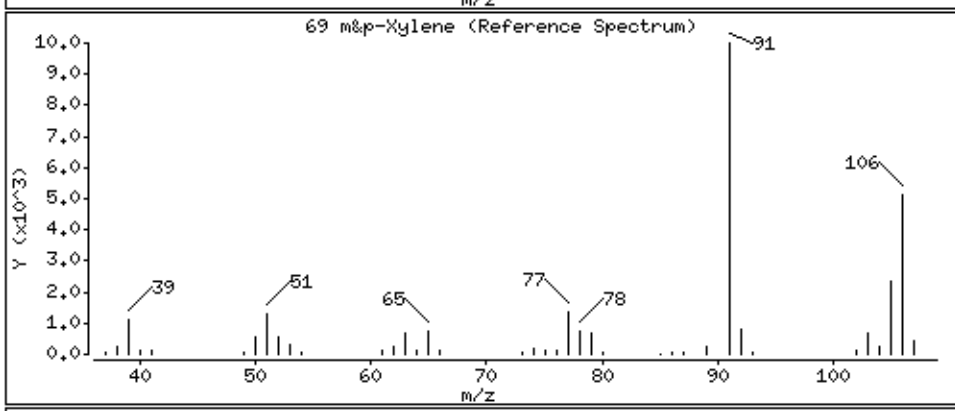
69 m&p-Xylene

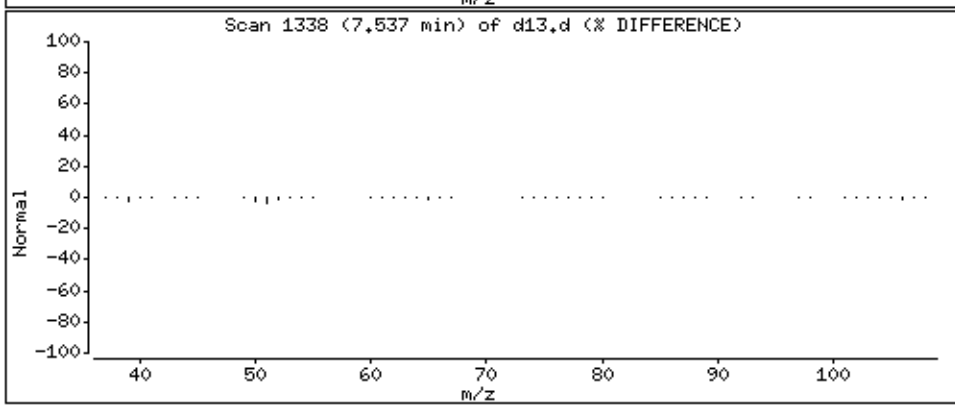
Concentration: 48.4 ppb

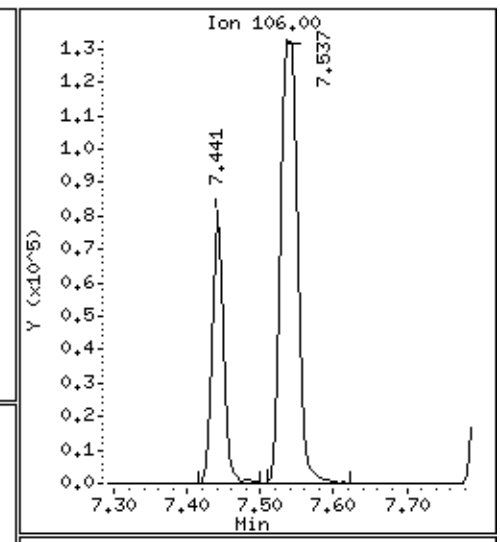
Review Code:

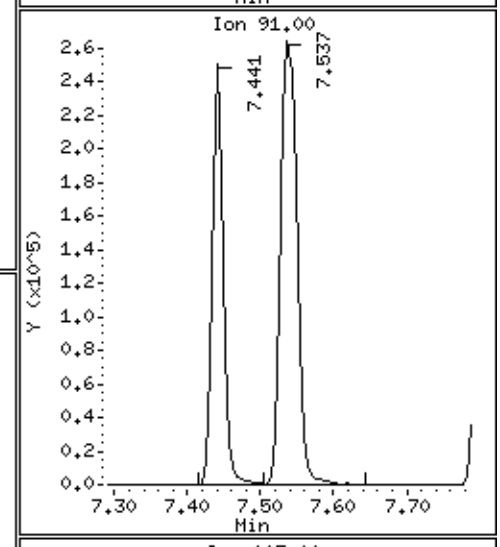


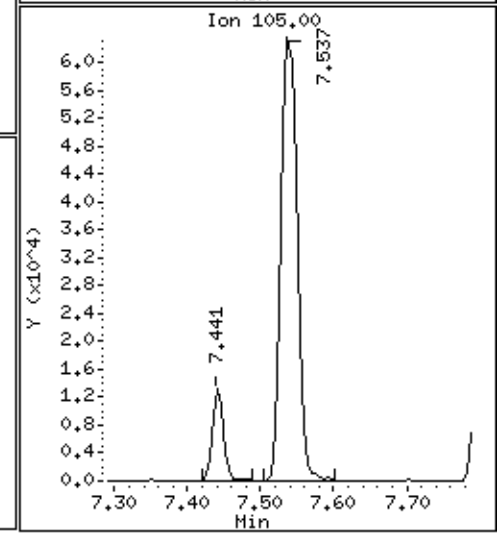












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

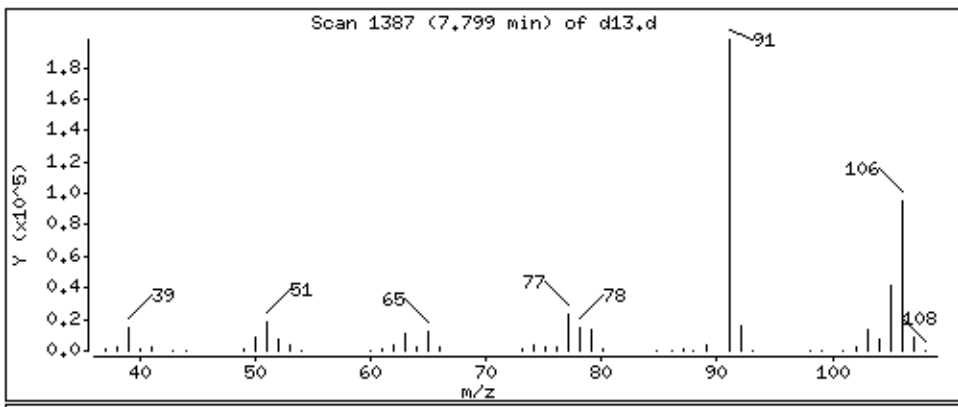
Column phase: DB-624

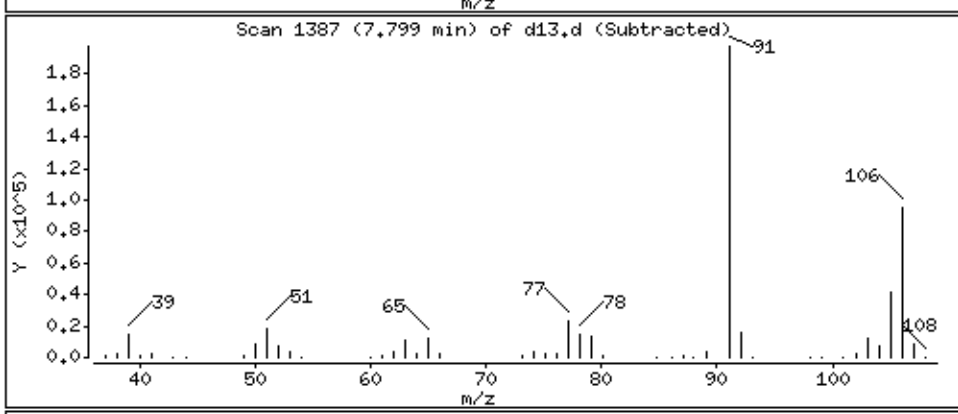
Column diameter: 0.18

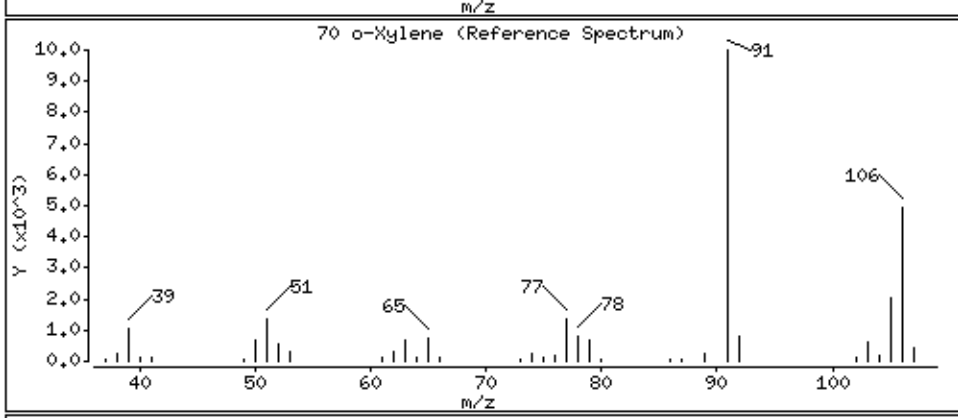
70 o-Xylene

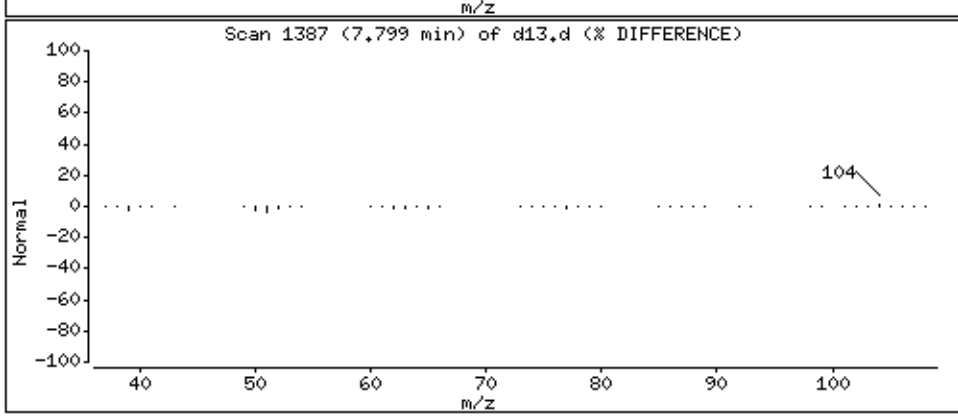
Concentration: 27.5 ppb

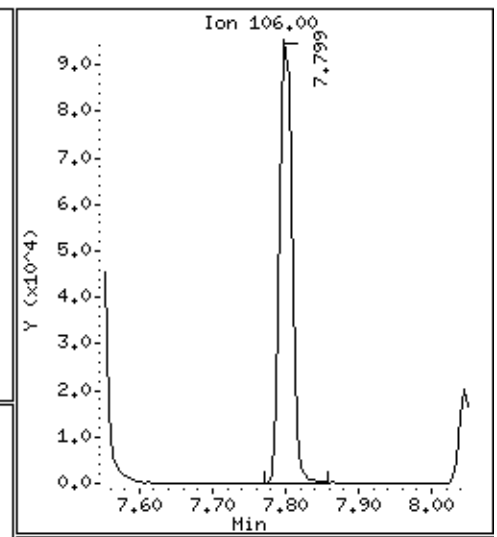
Review Code:

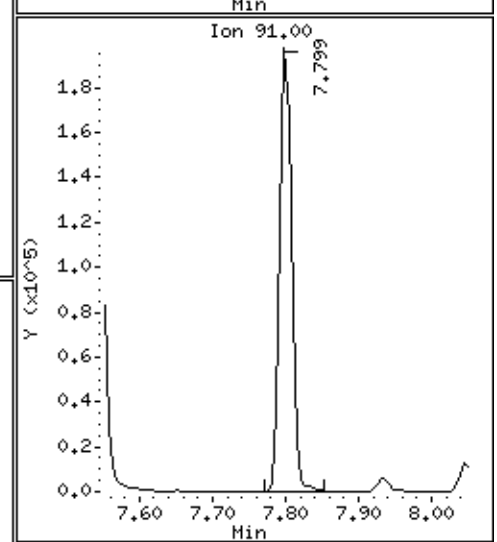


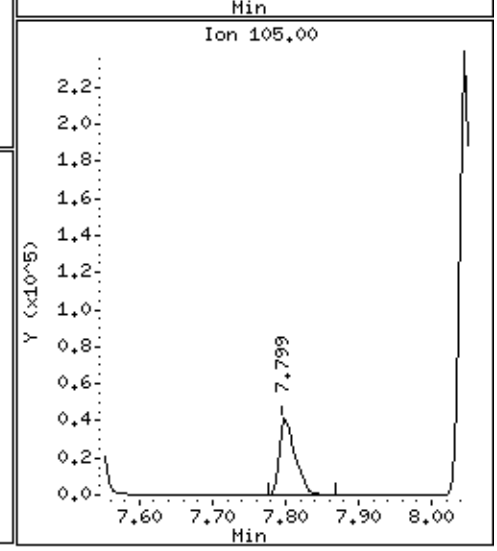












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

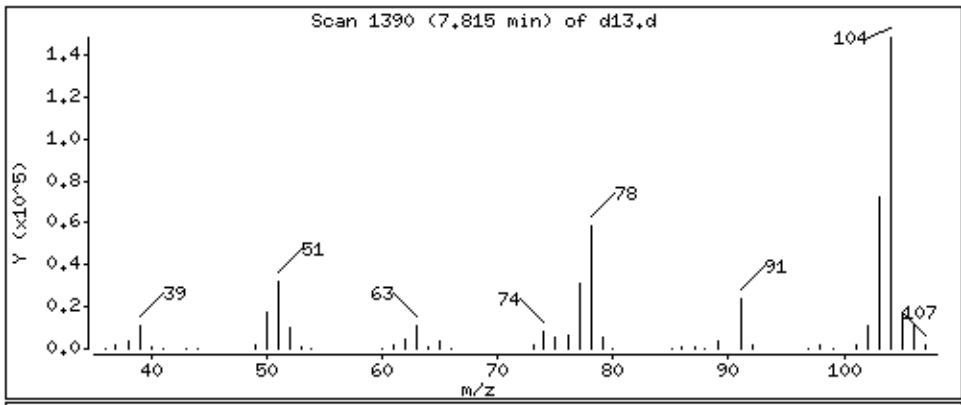
Column phase: DB-624

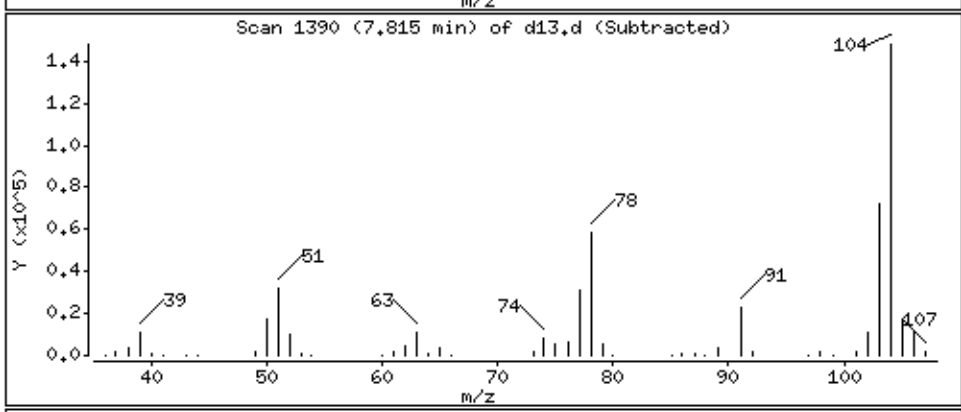
Column diameter: 0.18

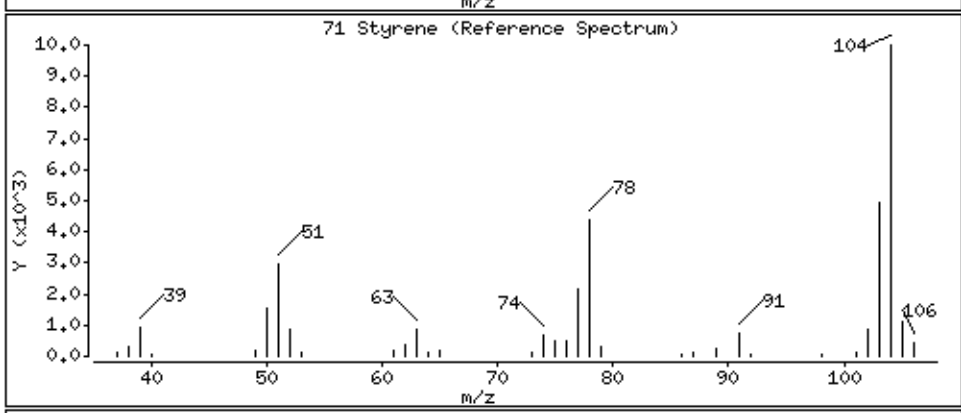
71 Styrene

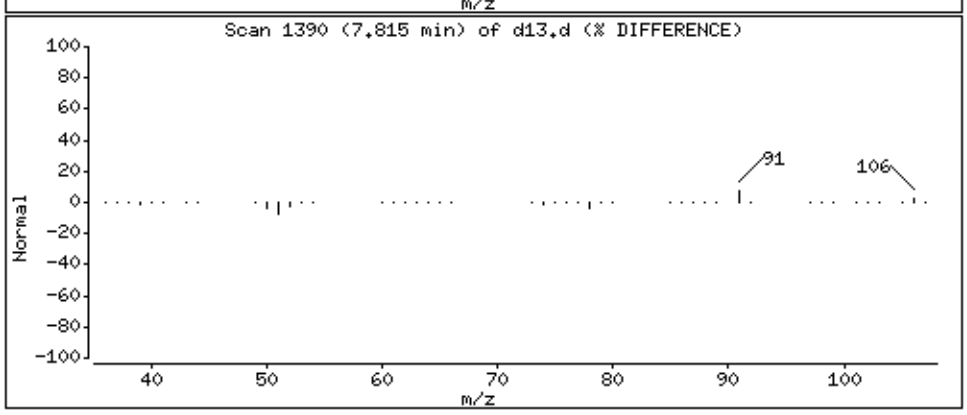
Concentration: 26.8 ppb

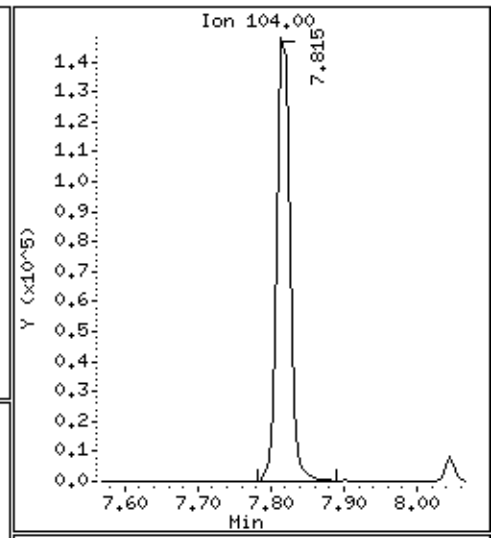
Review Code:

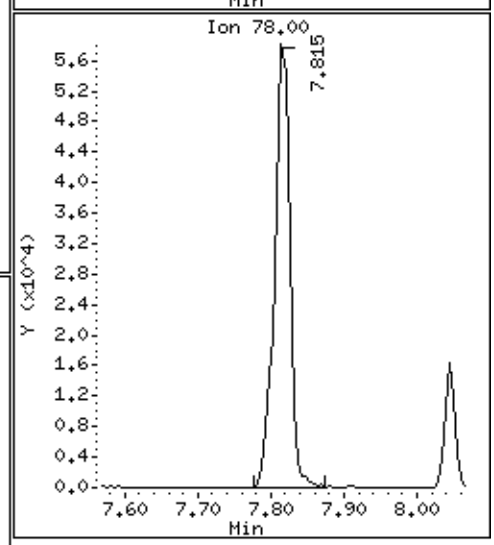












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

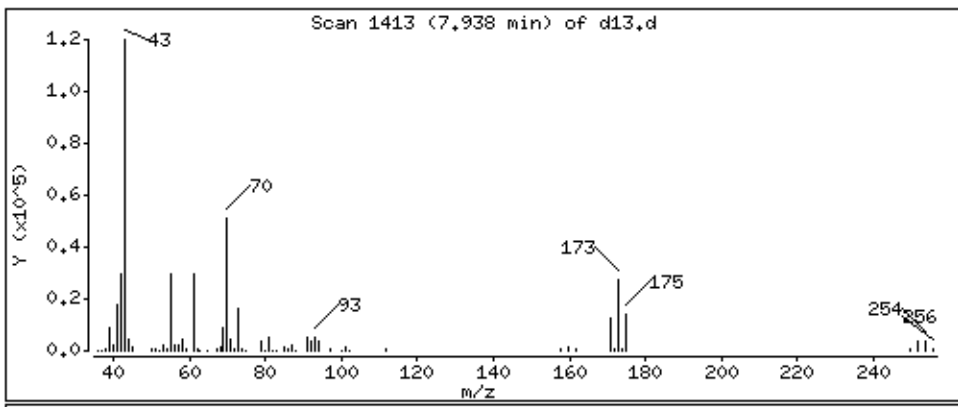
Column phase: DB-624

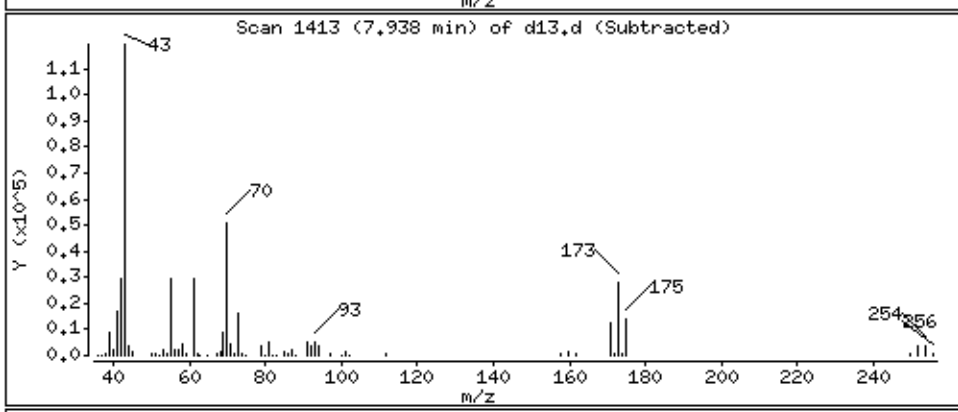
Column diameter: 0.18

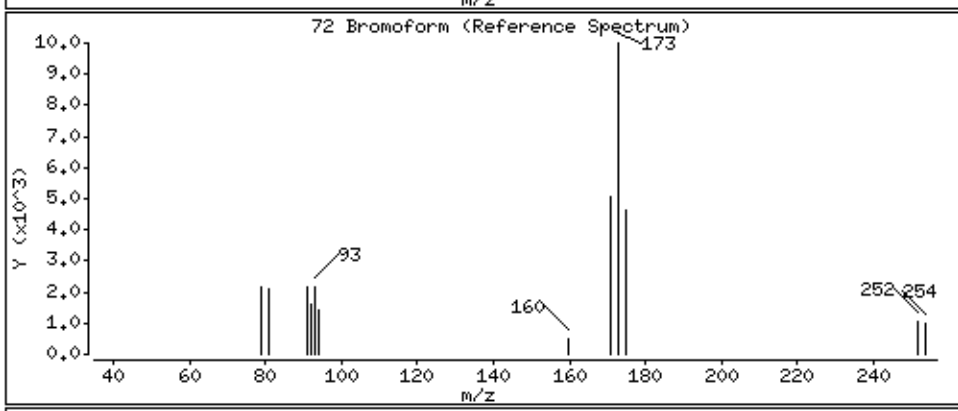
72 Bromoform

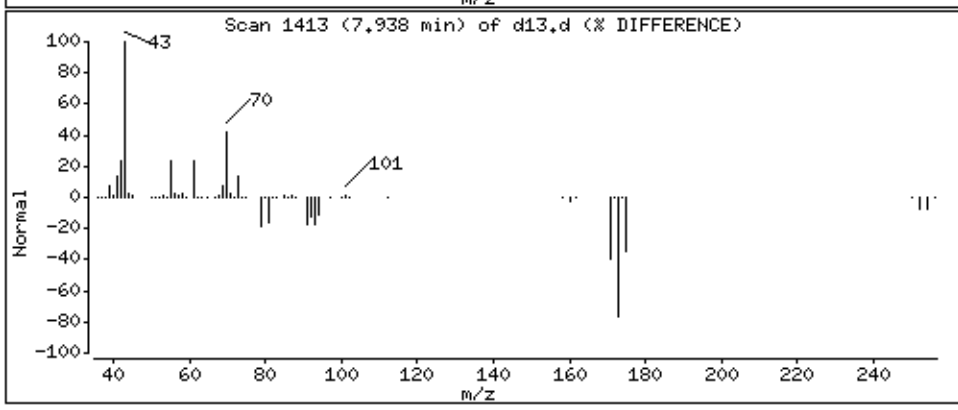
Concentration: 42.9 ppb

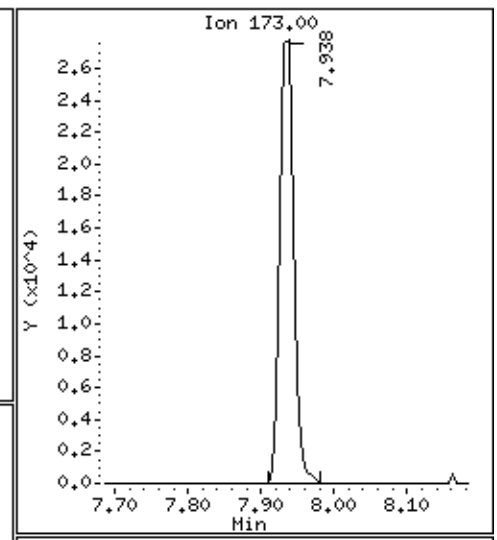
Review Code:

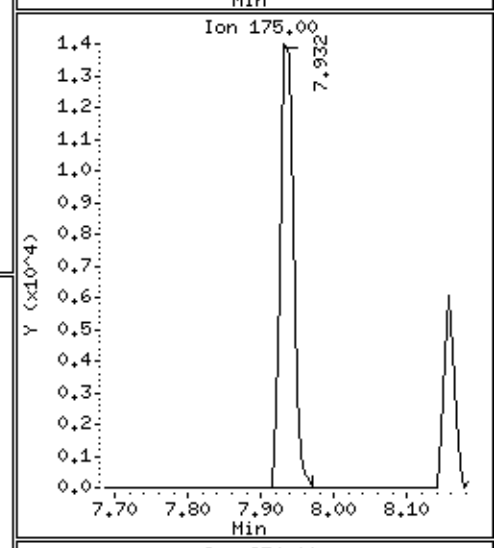


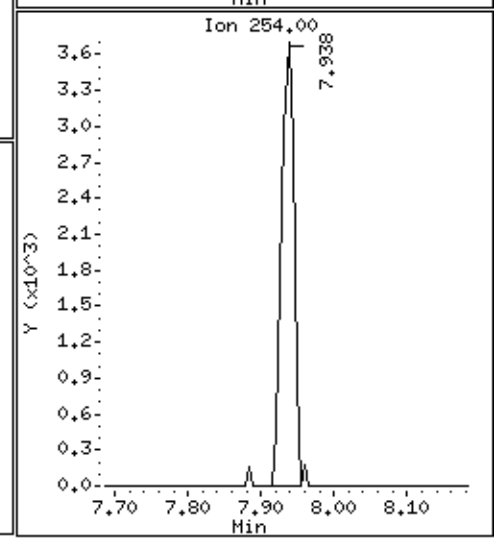












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

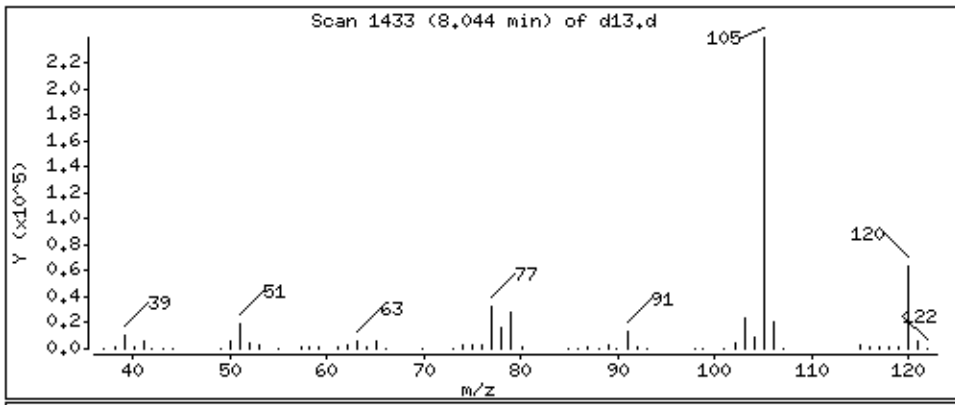
Column phase: DB-624

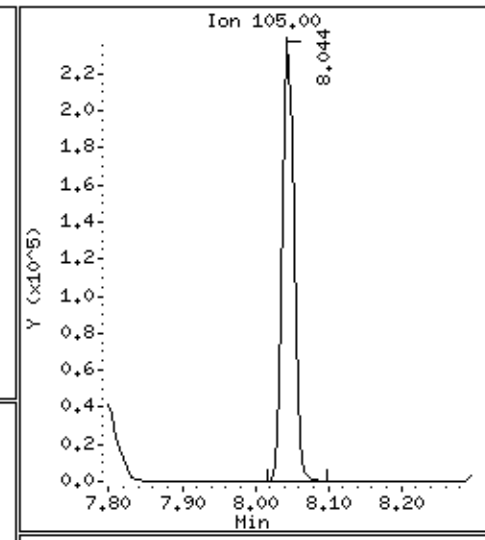
Column diameter: 0.18

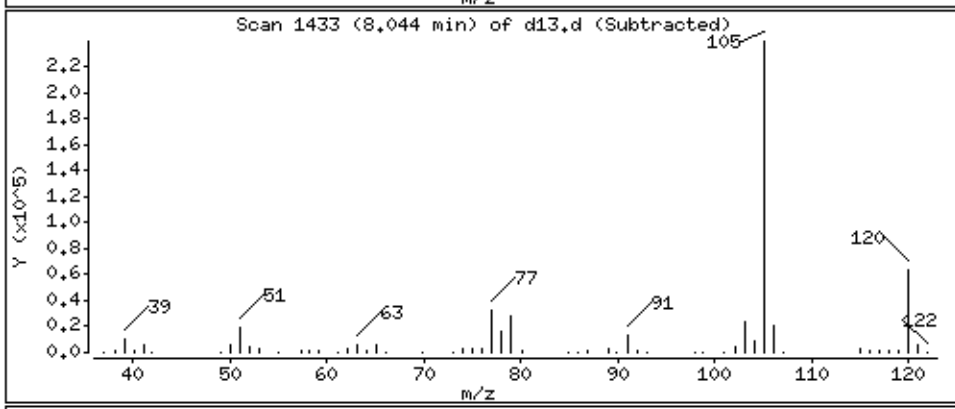
73 Isopropylbenzene

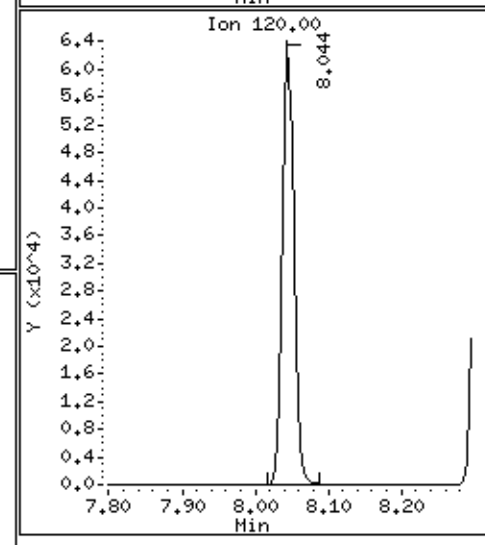
Concentration: 22.6 ppb

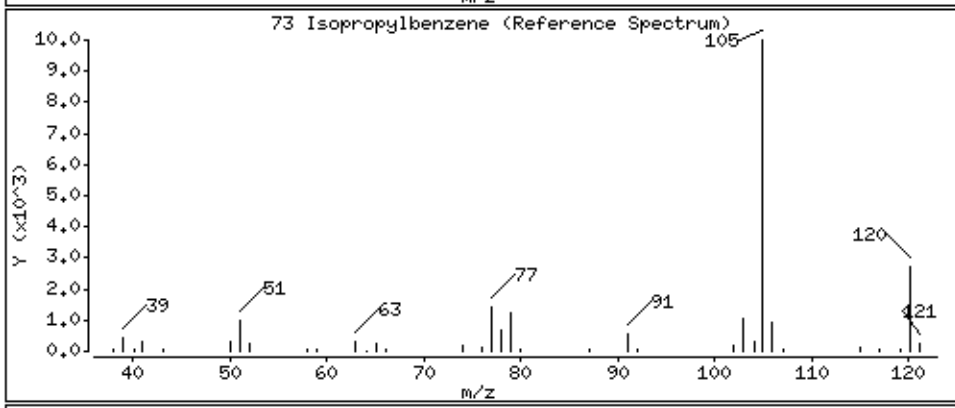
Review Code:

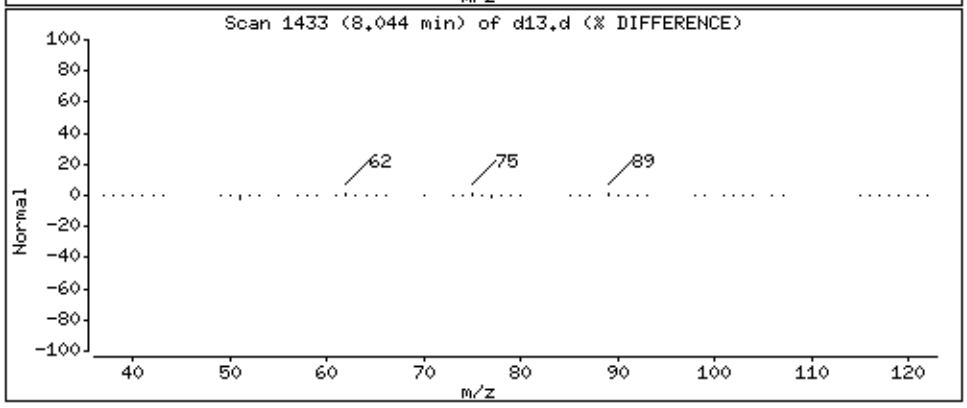












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

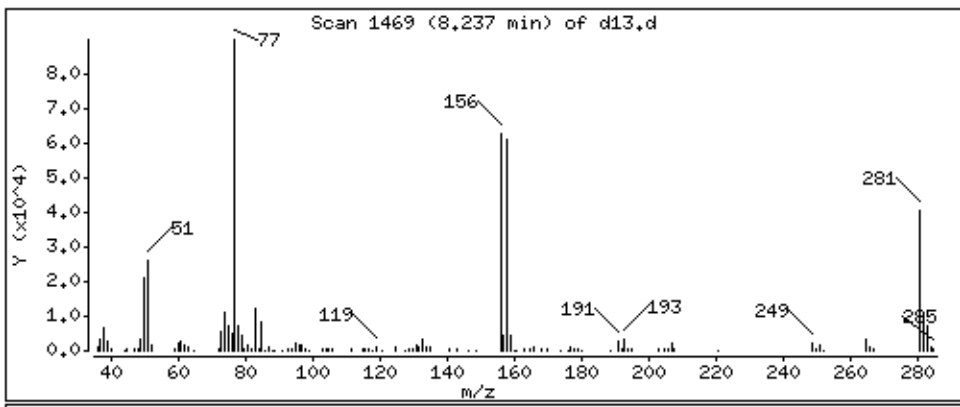
Column phase: DB-624

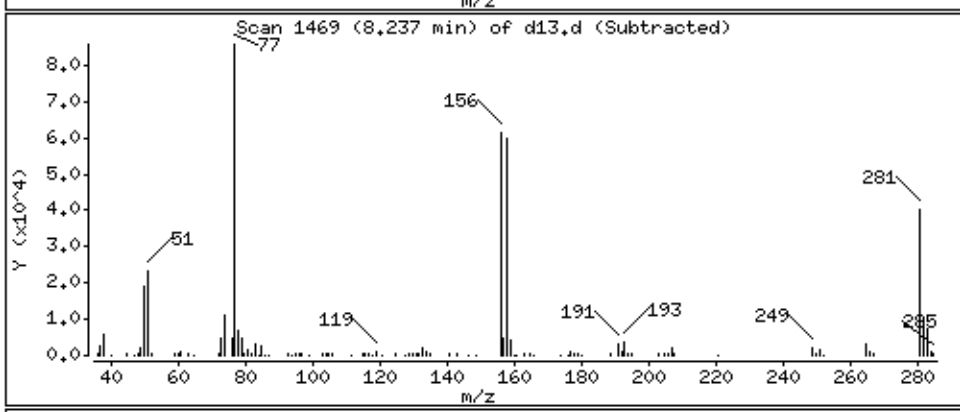
Column diameter: 0.18

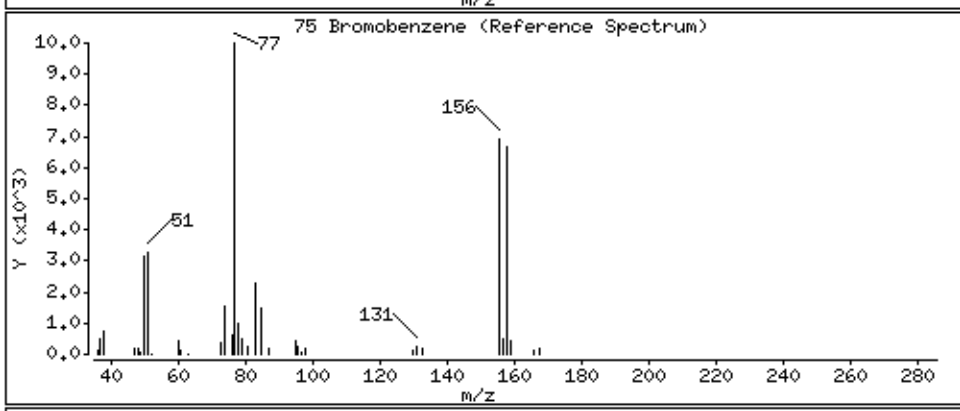
75 Bromobenzene

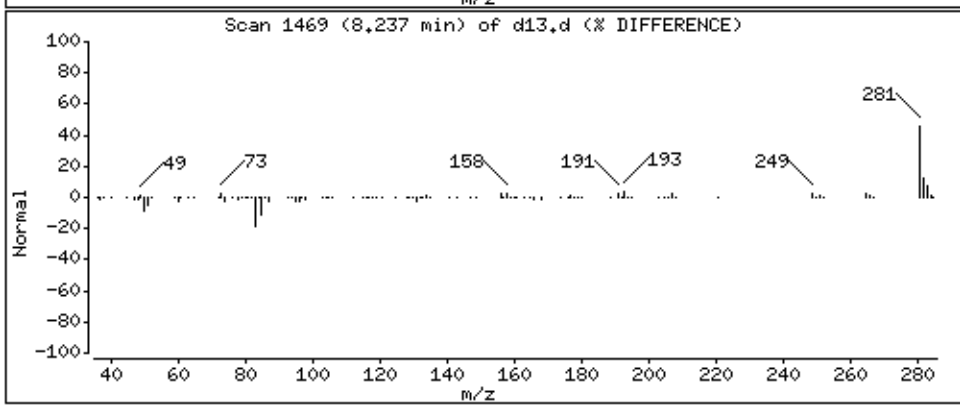
Concentration: 28.2 ppb

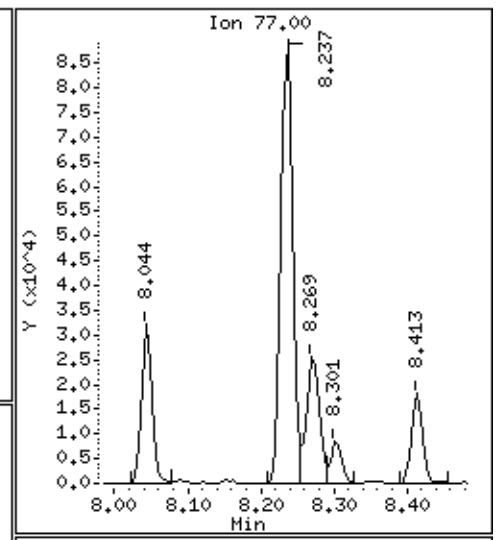
Review Code:

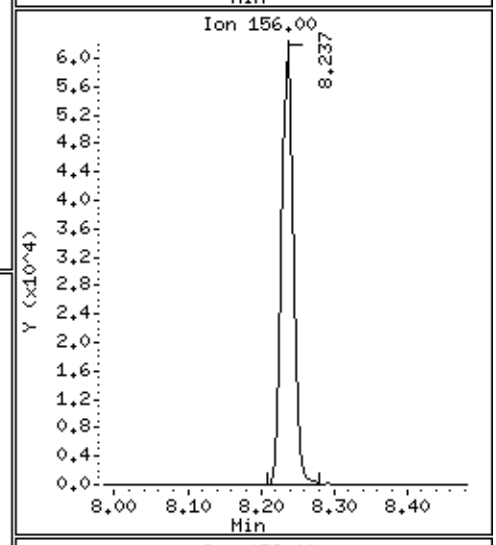


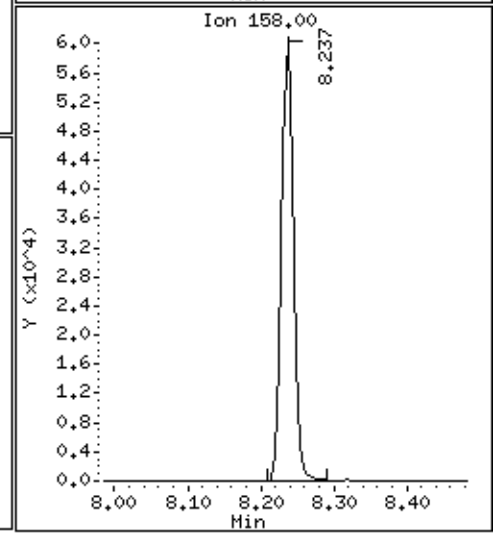












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

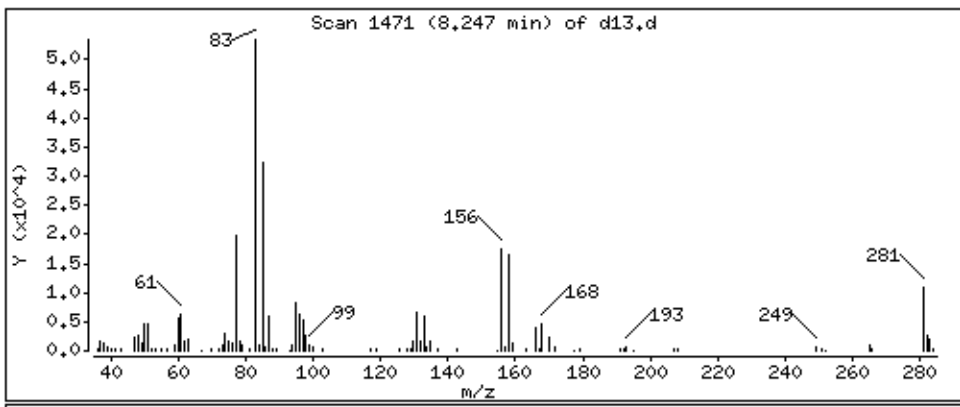
Column phase: DB-624

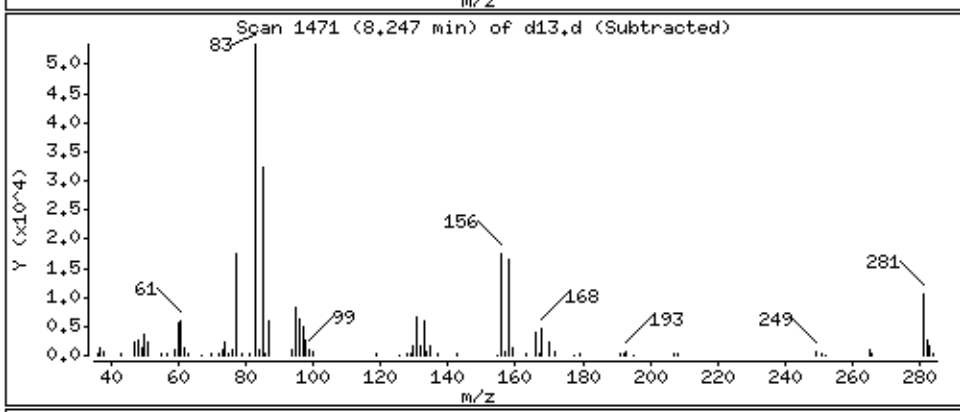
Column diameter: 0.18

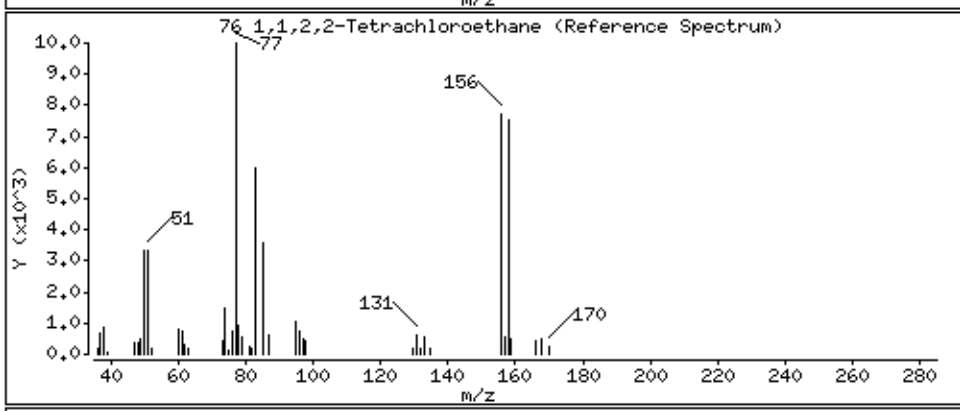
76 1,1,2,2-Tetrachloroethane

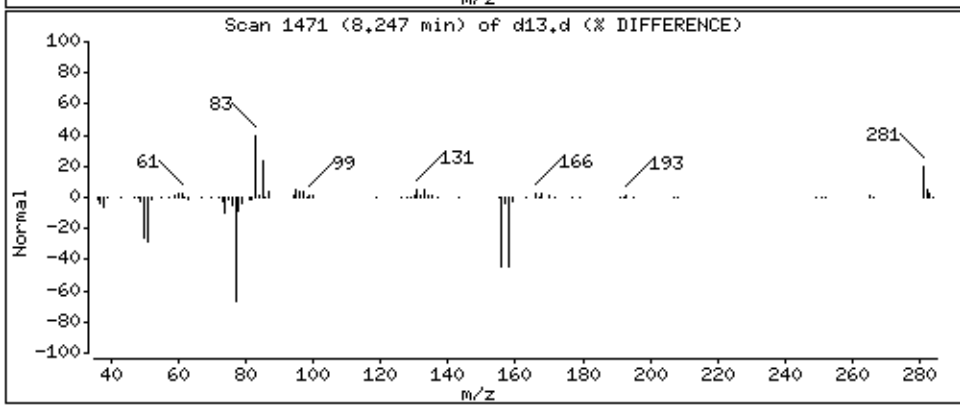
Concentration: 42.2 ppb

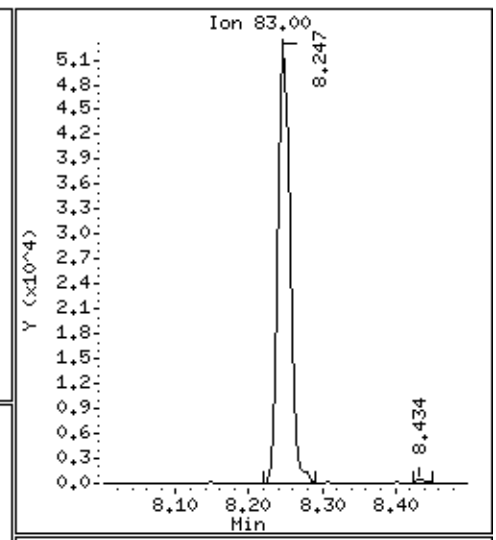
Review Code:

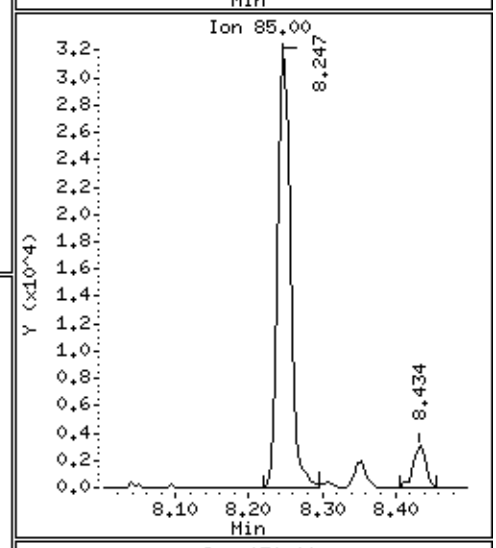


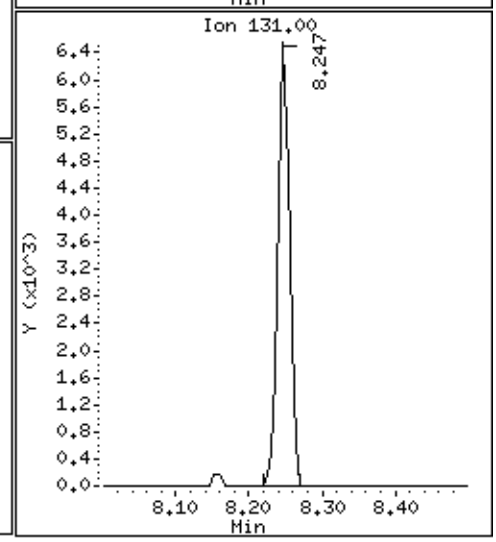












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

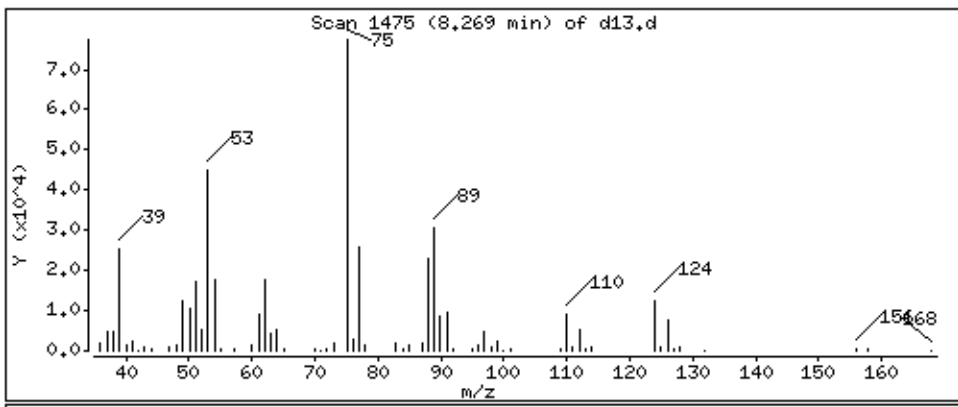
Column phase: DB-624

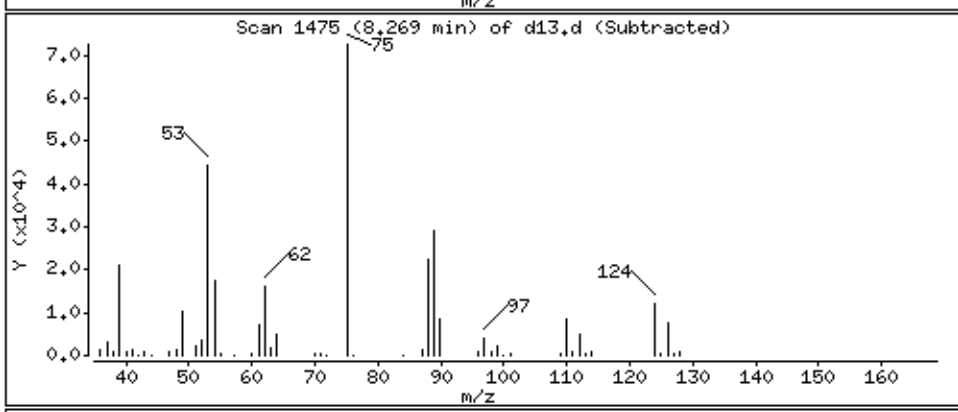
Column diameter: 0.18

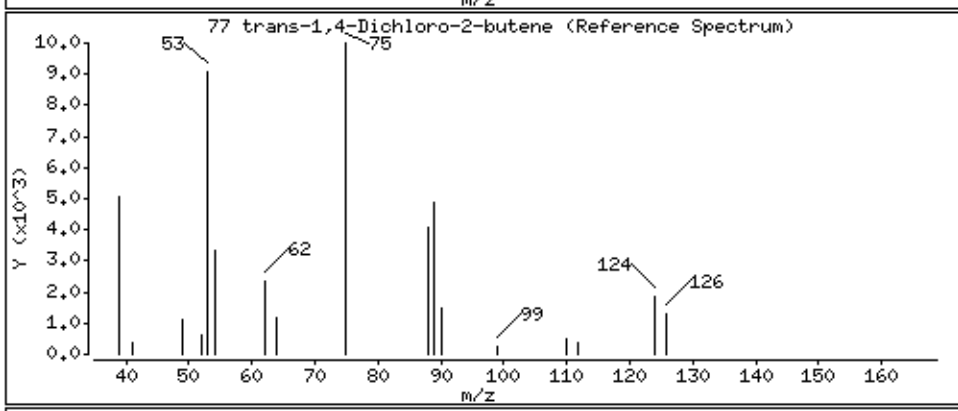
77 trans-1,4-Dichloro-2-butene

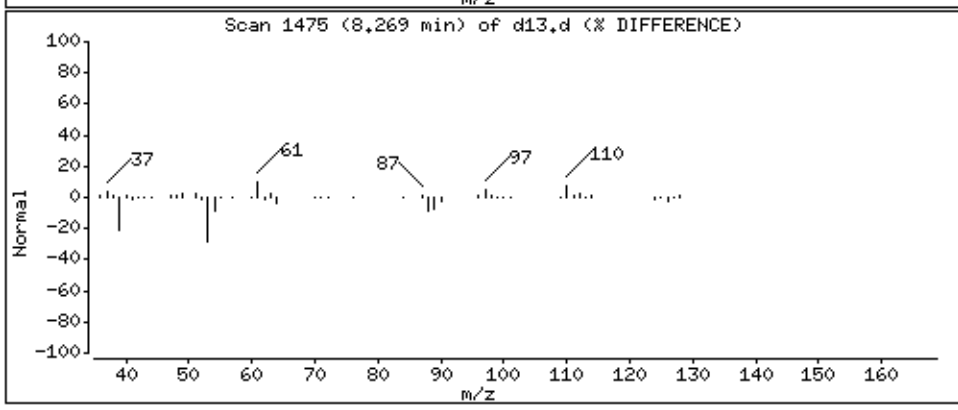
Concentration: 136 ppb

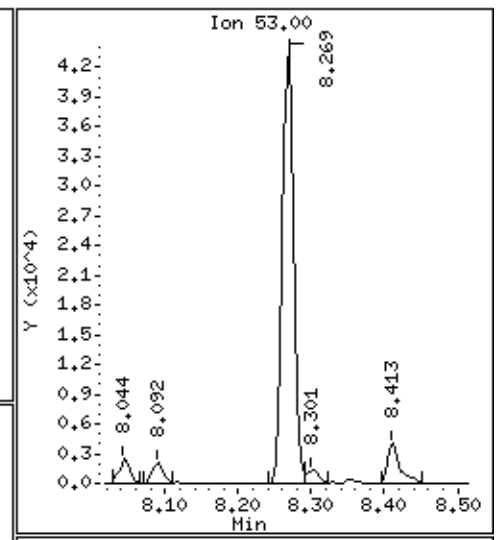
Review Code:

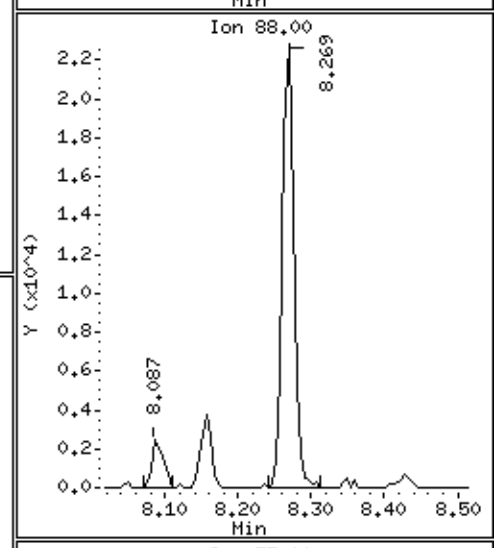


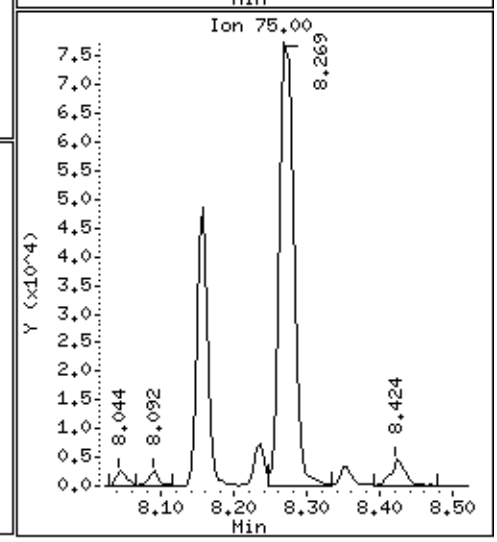












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

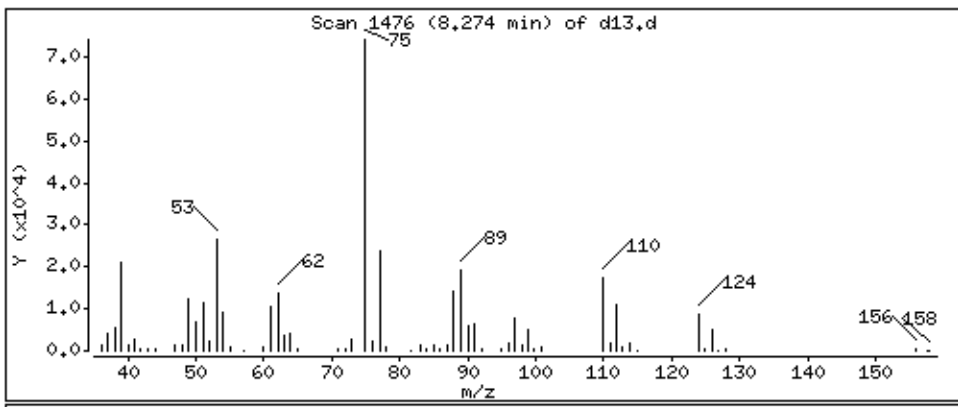
Column phase: DB-624

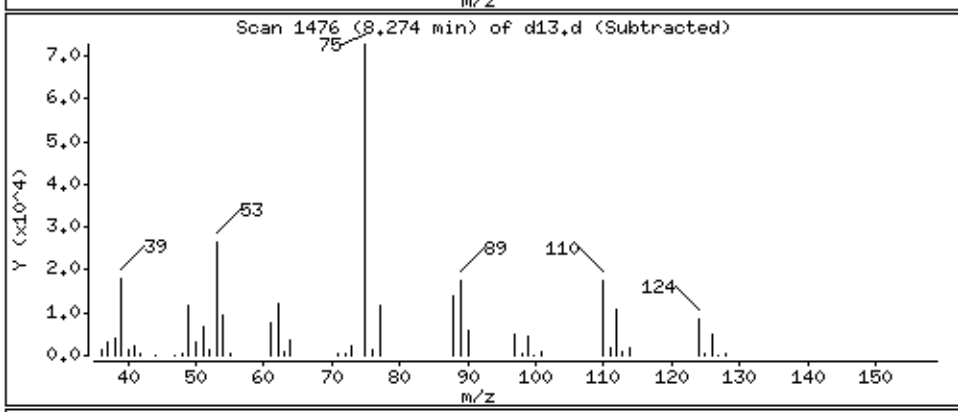
Column diameter: 0.18

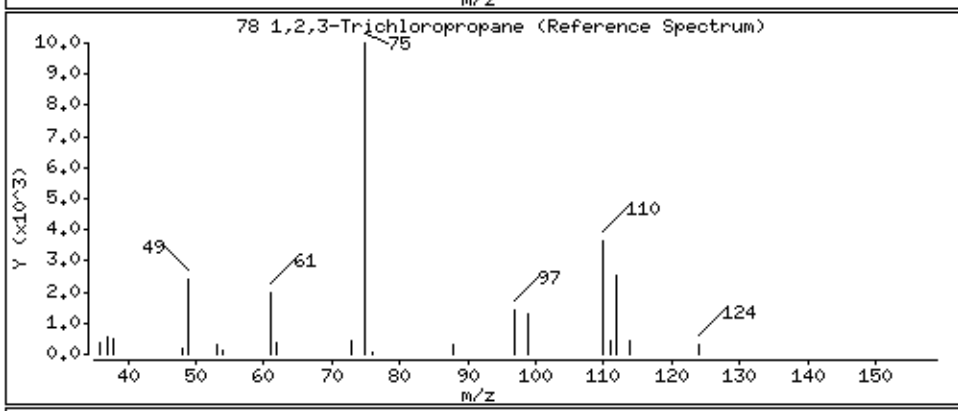
78 1,2,3-Trichloropropane

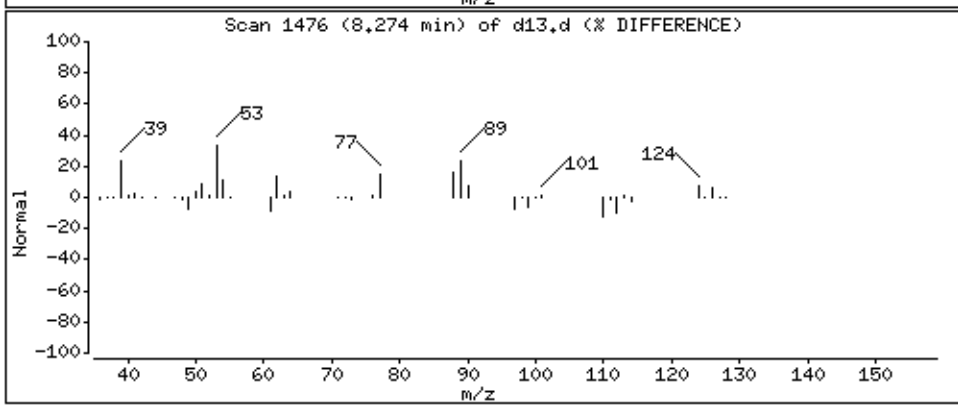
Concentration: 47.9 ppb

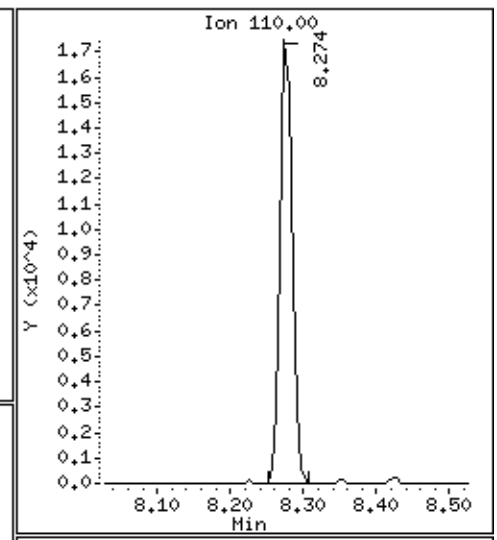
Review Code:

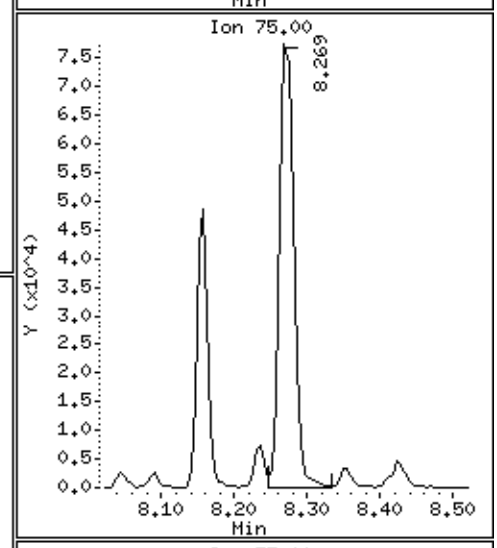


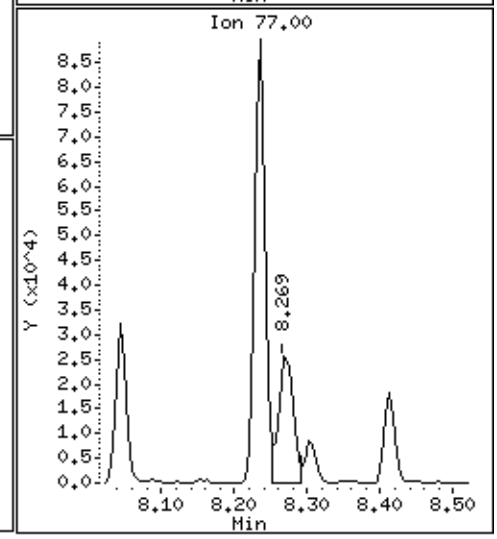












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

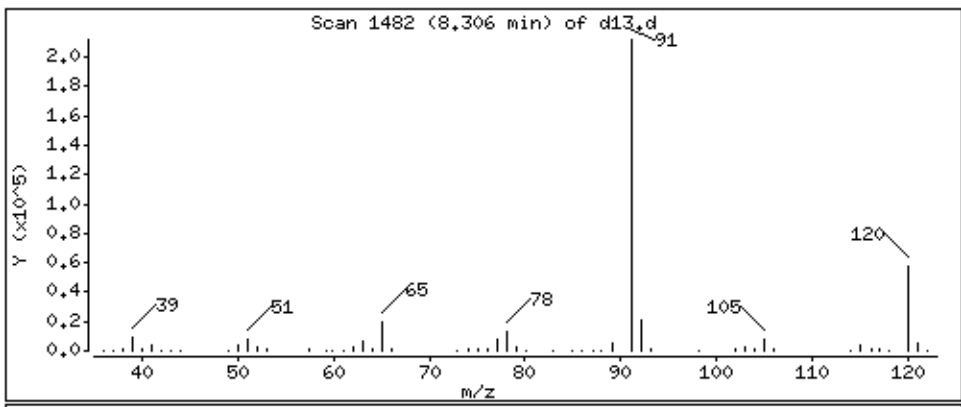
Column phase: DB-624

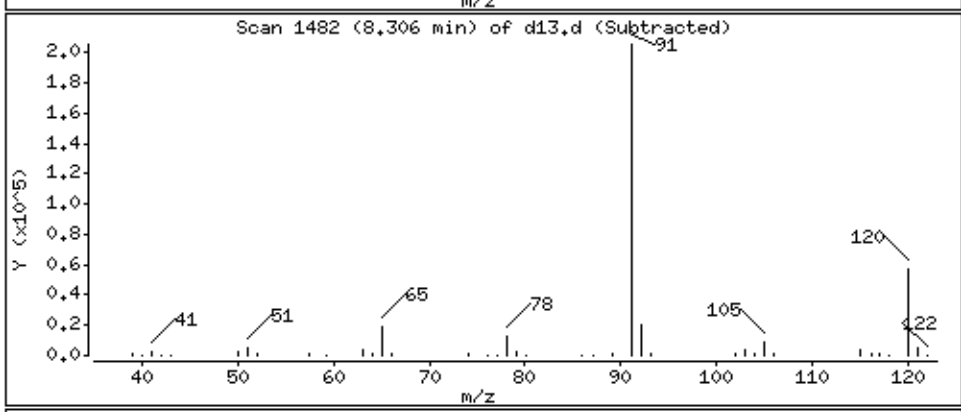
Column diameter: 0.18

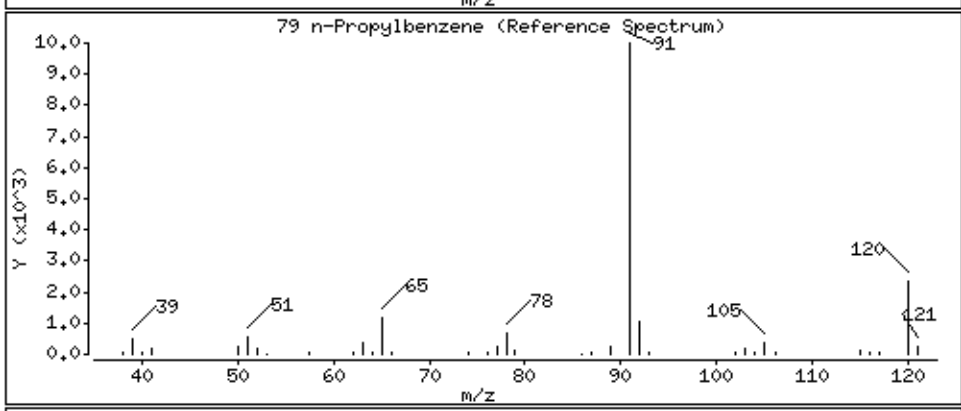
79 n-Propylbenzene

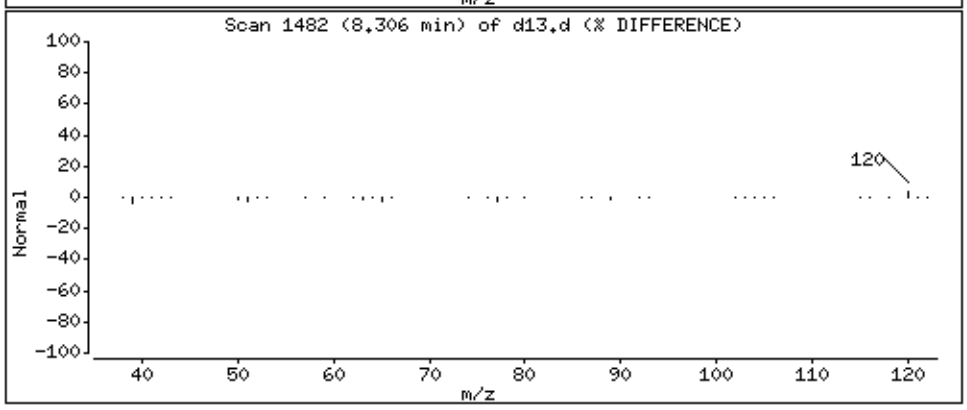
Concentration: 17.2 ppb

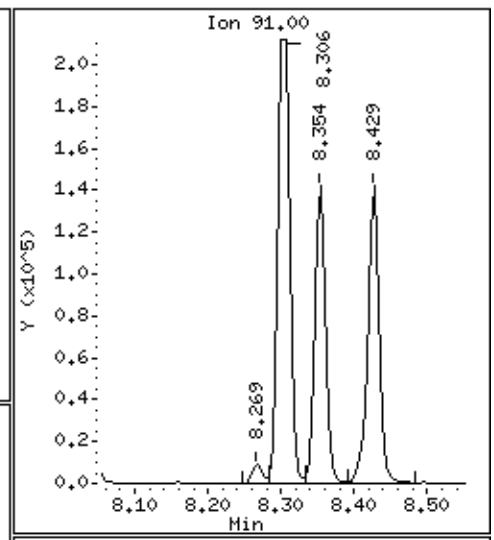
Review Code:

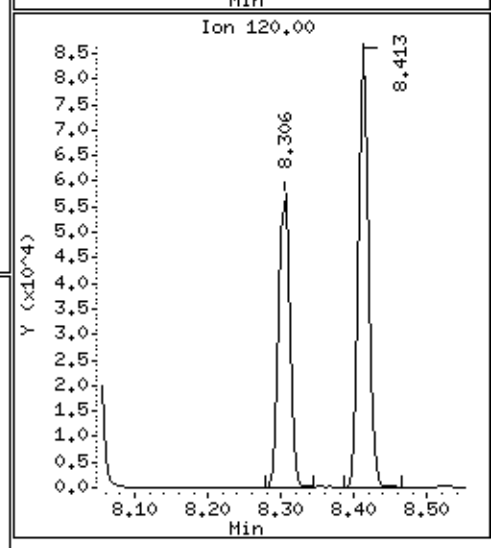












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

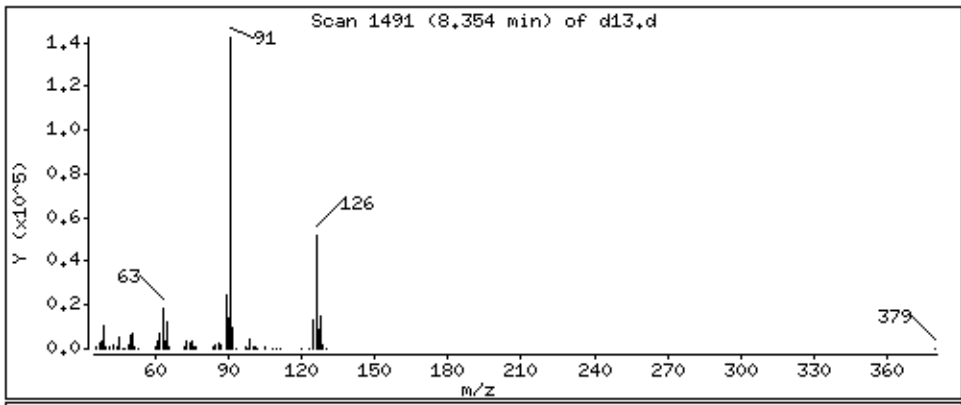
Column phase: DB-624

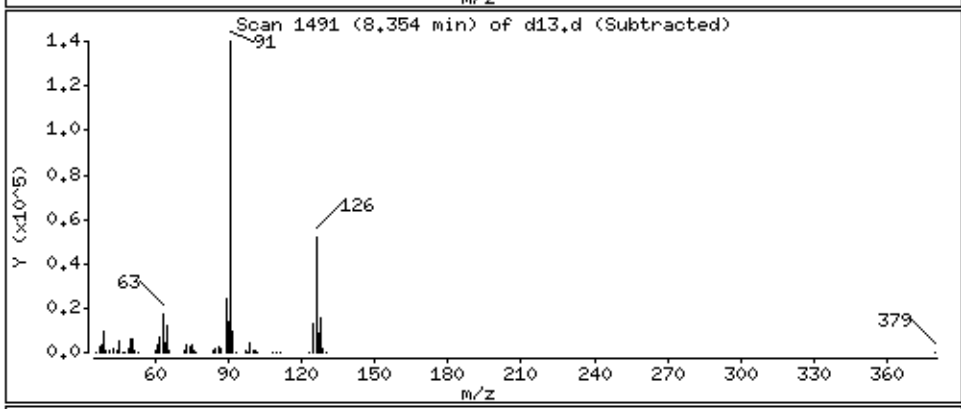
Column diameter: 0.18

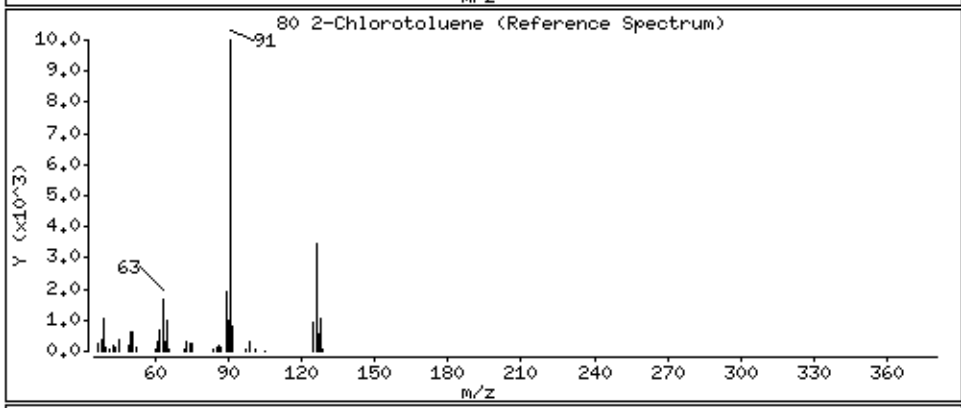
80 2-Chlorotoluene

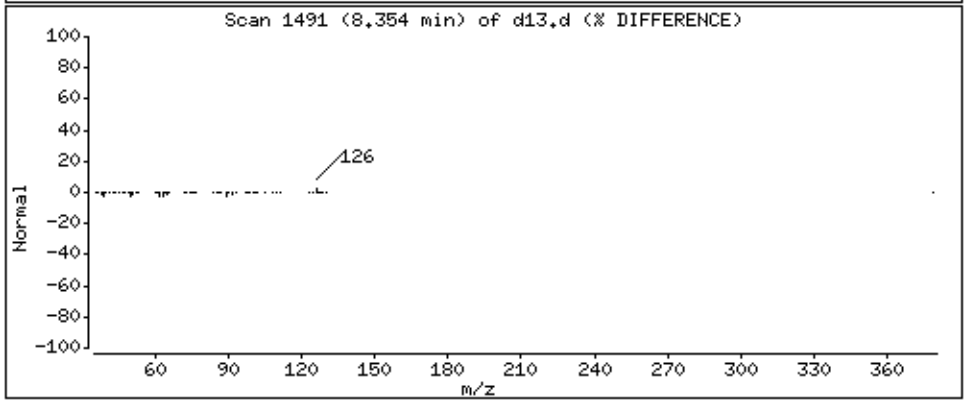
Concentration: 20.5 ppb

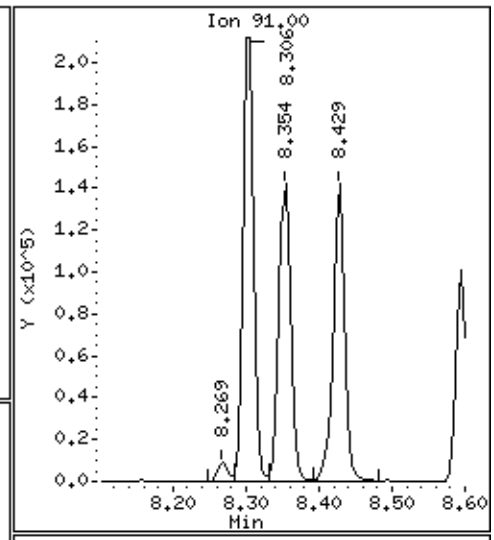
Review Code:

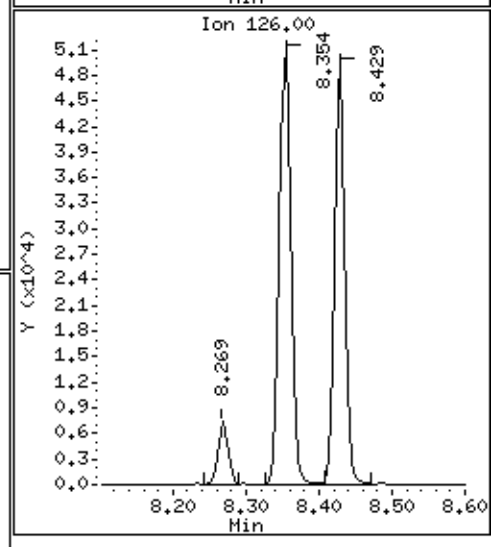












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

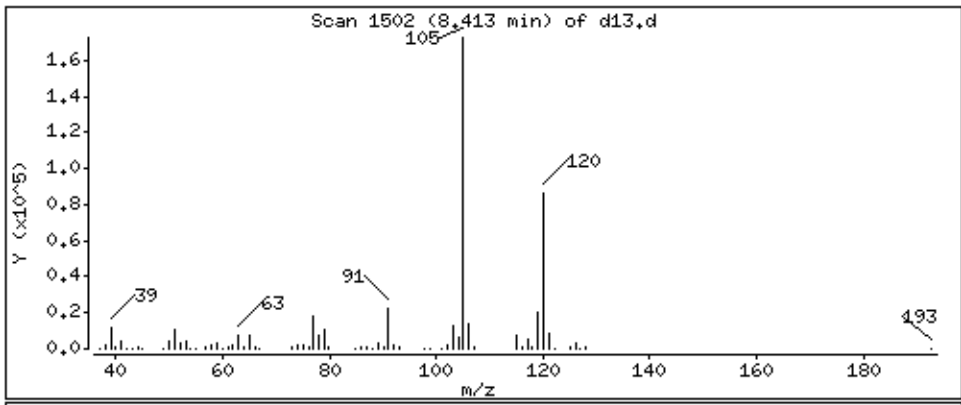
Column phase: DB-624

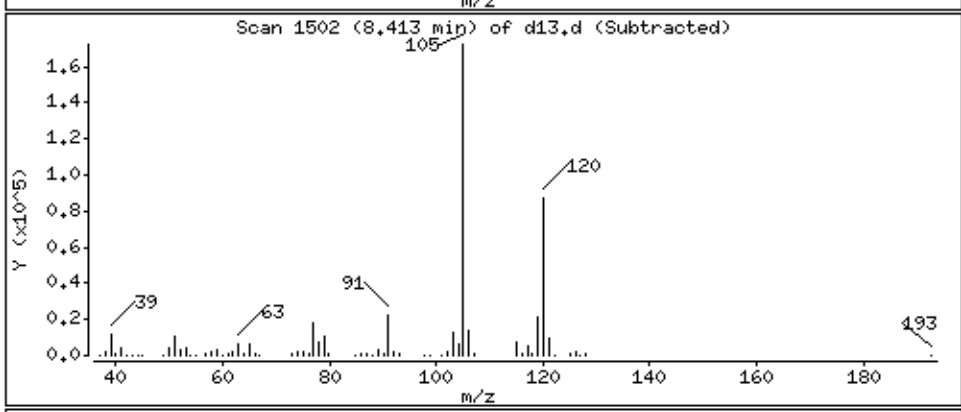
Column diameter: 0.18

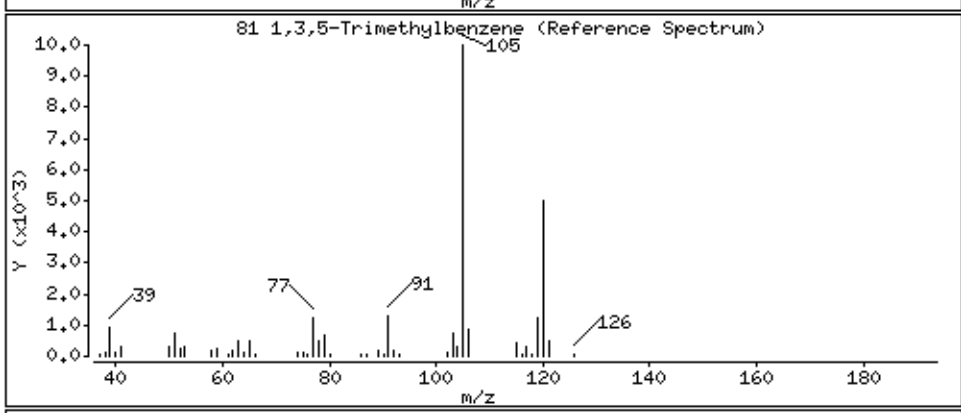
81 1,3,5-Trimethylbenzene

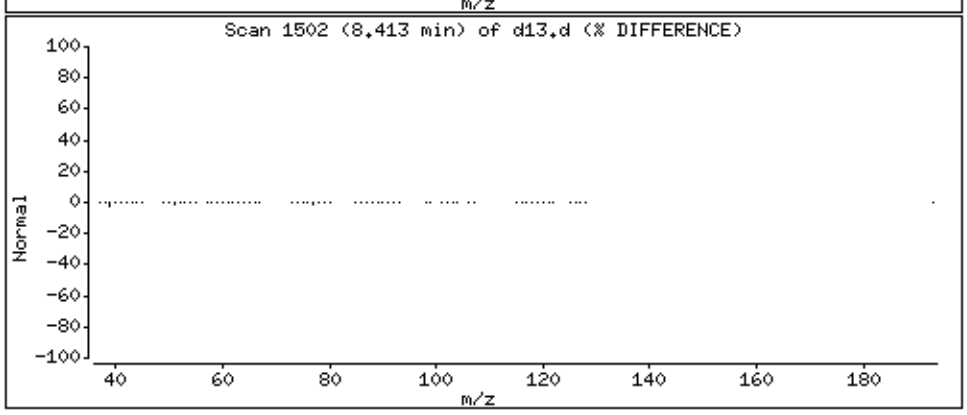
Concentration: 18.8 ppb

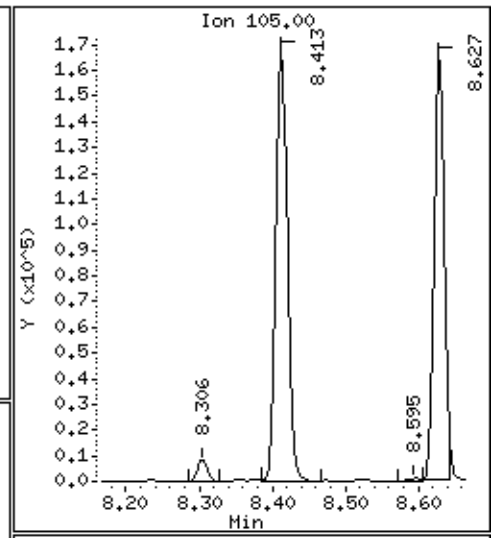
Review Code:

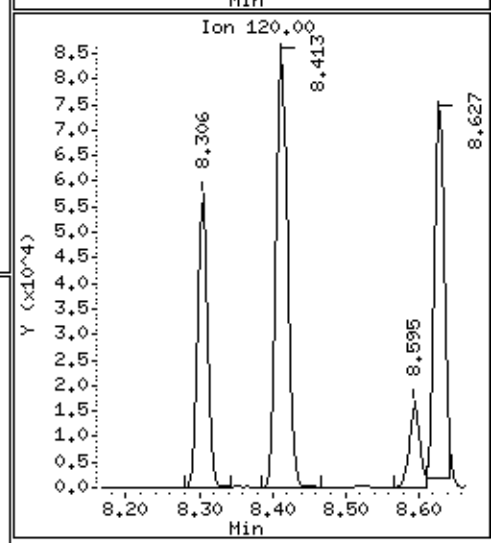












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

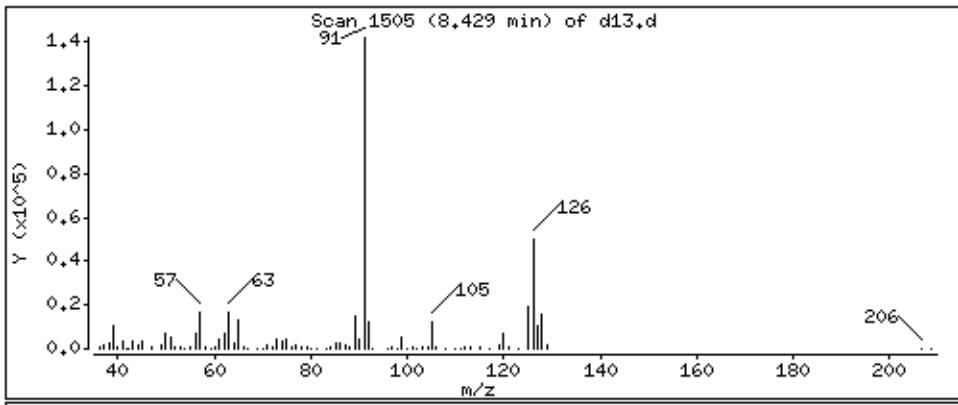
Column phase: DB-624

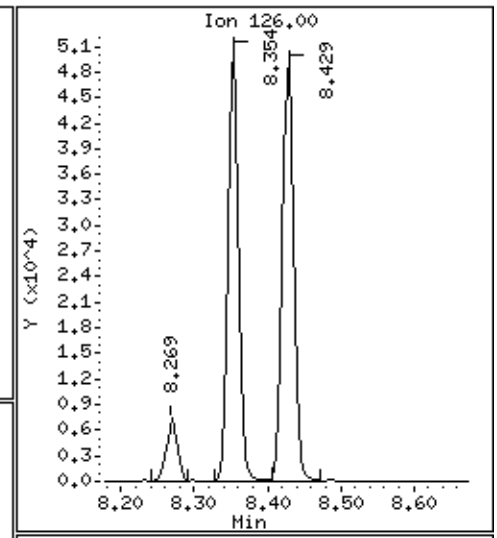
Column diameter: 0.18

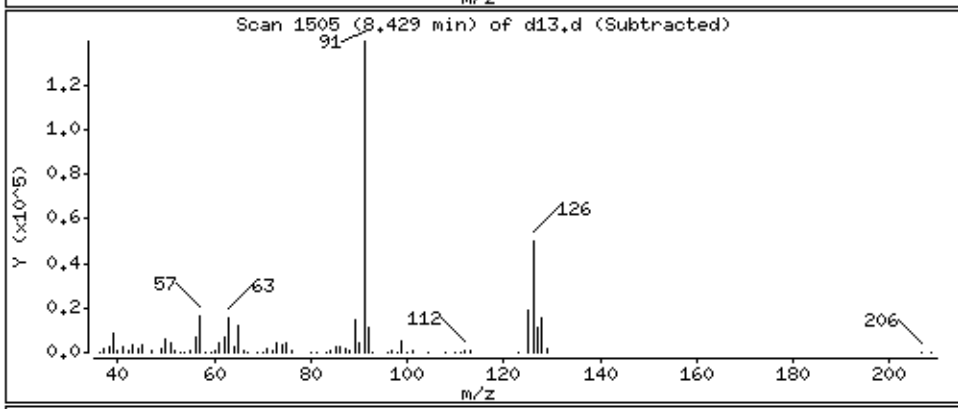
82 4-Chlorotoluene

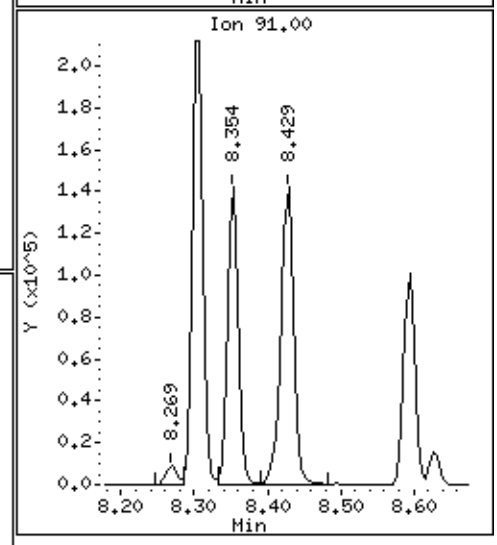
Concentration: 20.9 ppb

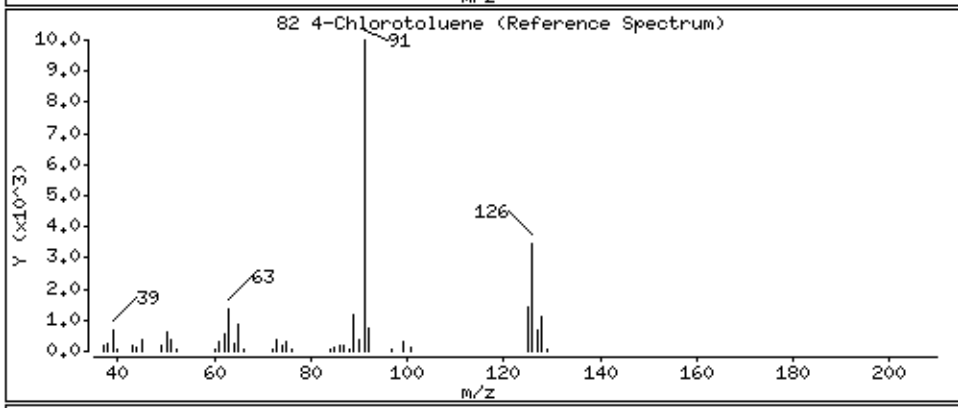
Review Code:

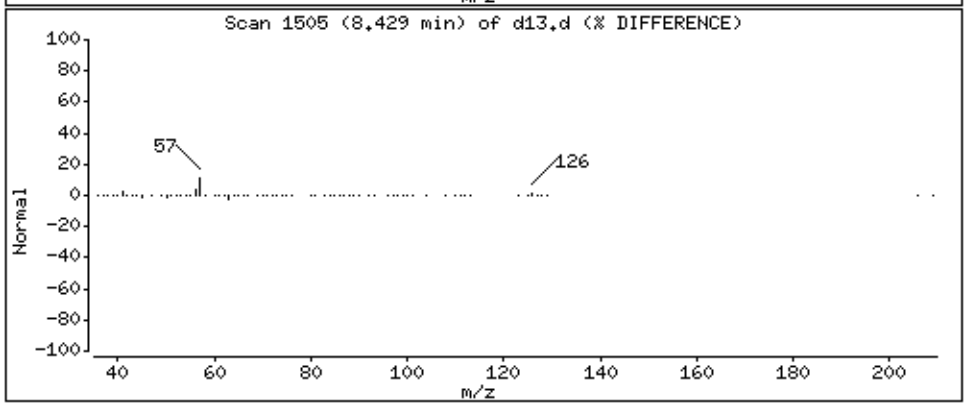












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

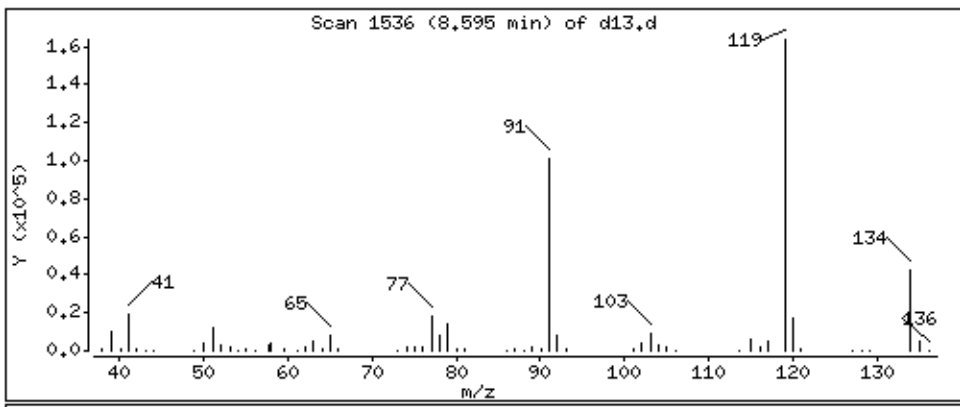
Column phase: DB-624

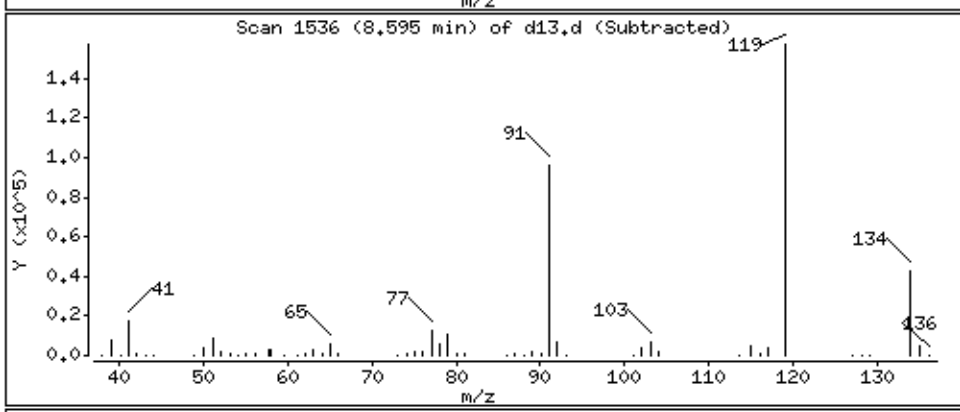
Column diameter: 0.18

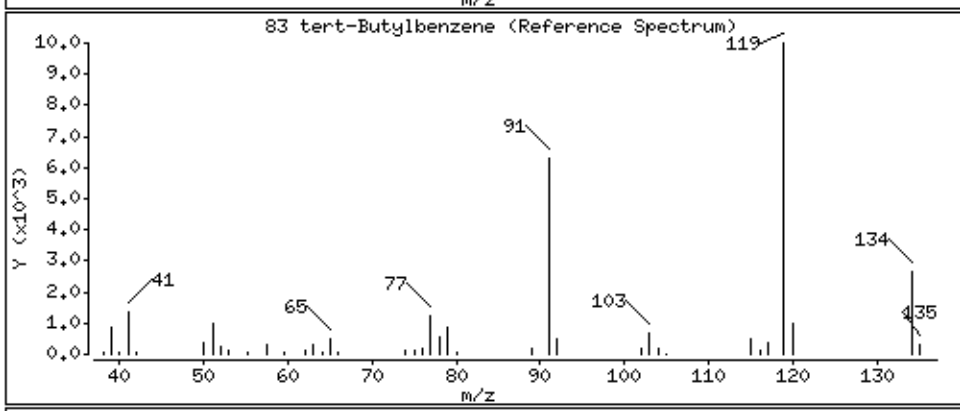
83 tert-Butylbenzene

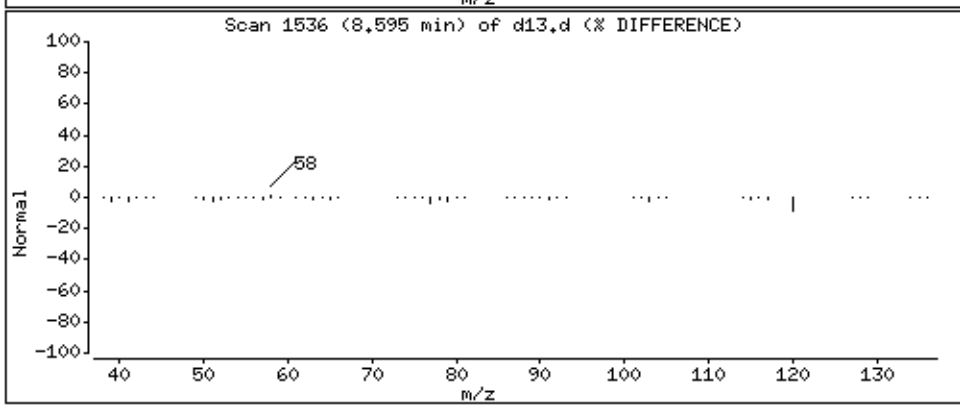
Concentration: 15.3 ppb

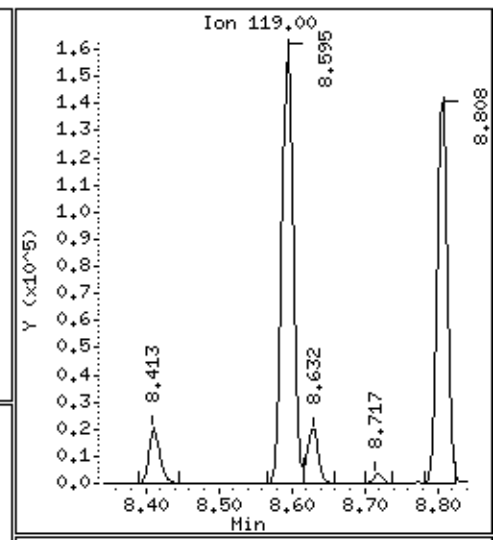
Review Code:

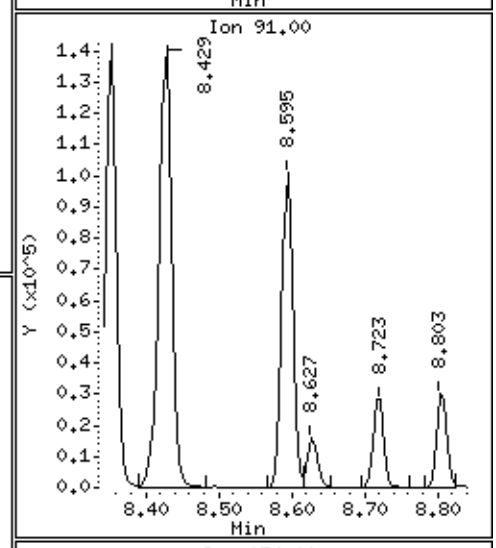


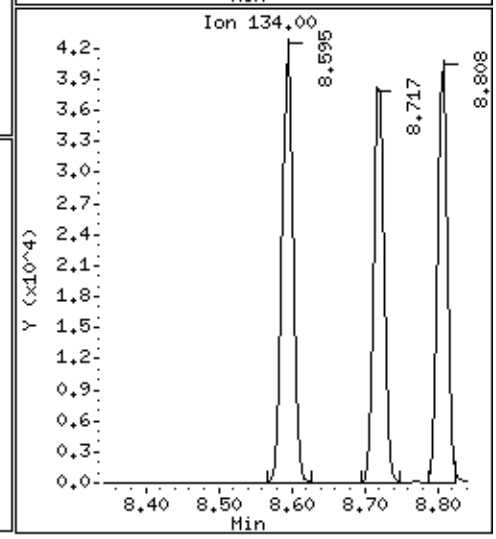












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

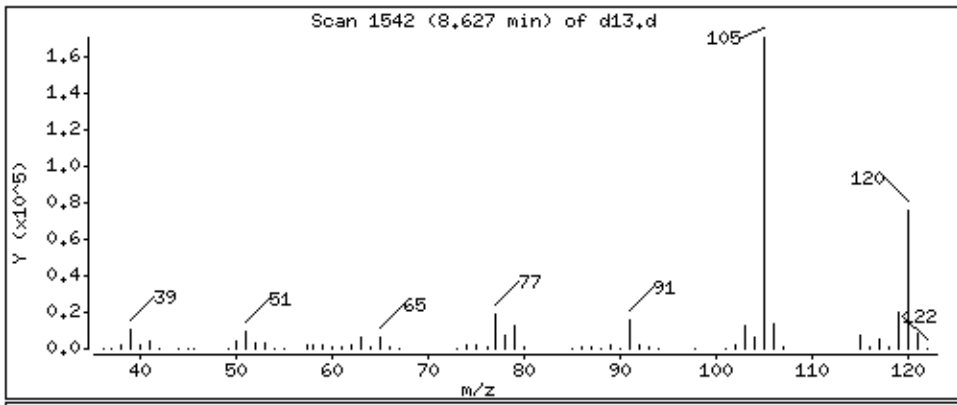
Column phase: DB-624

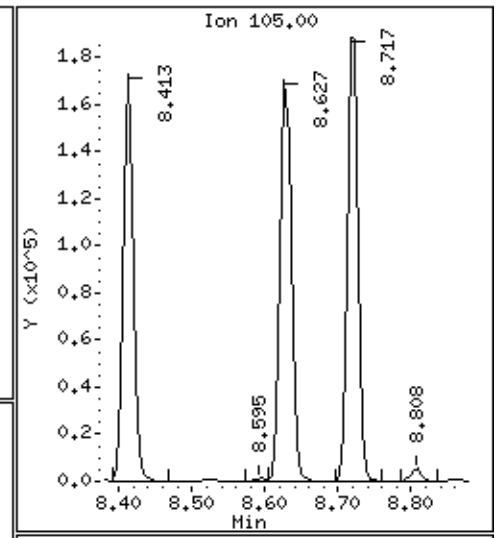
Column diameter: 0.18

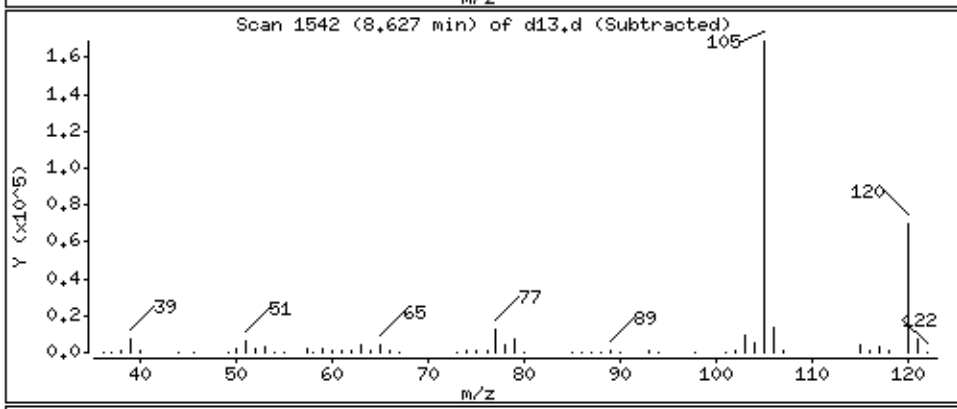
84 1,2,4-Trimethylbenzene

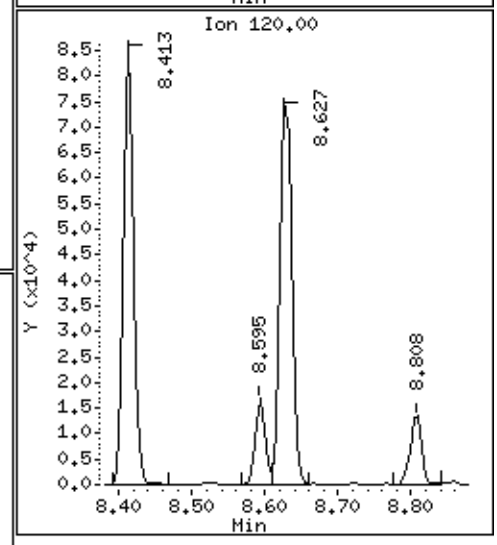
Concentration: 18.5 ppb

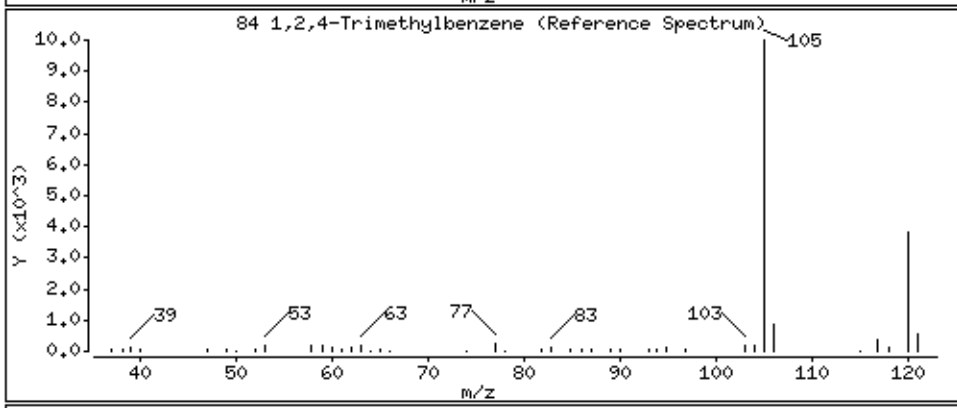
Review Code:

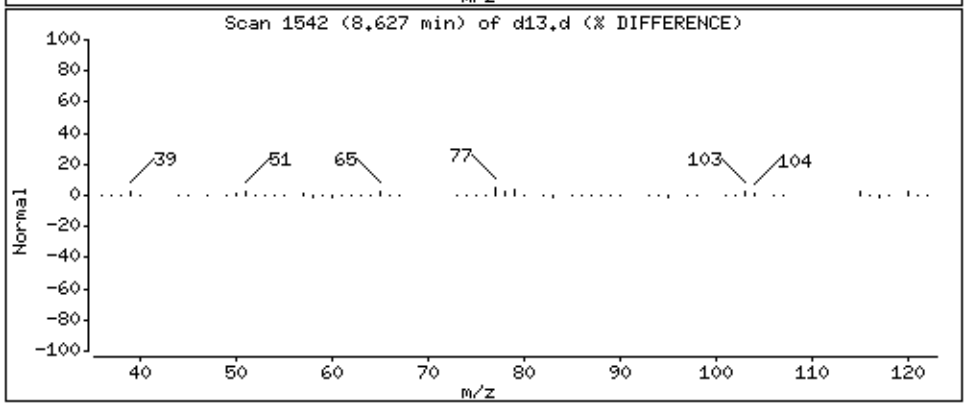












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

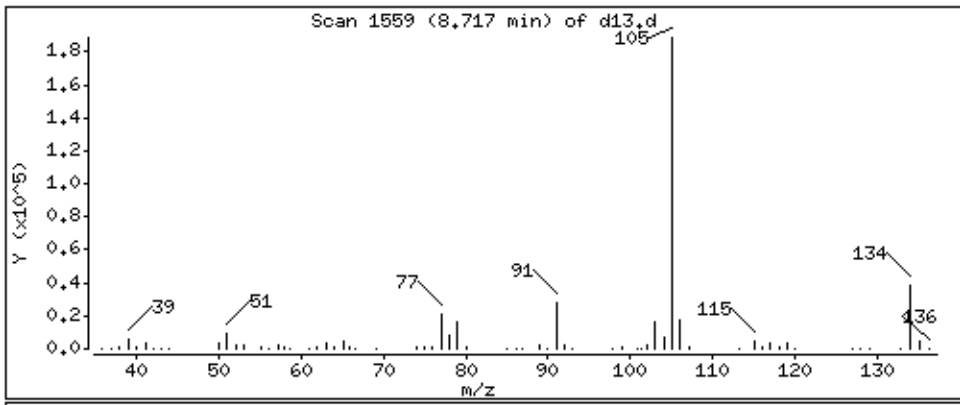
Column phase: DB-624

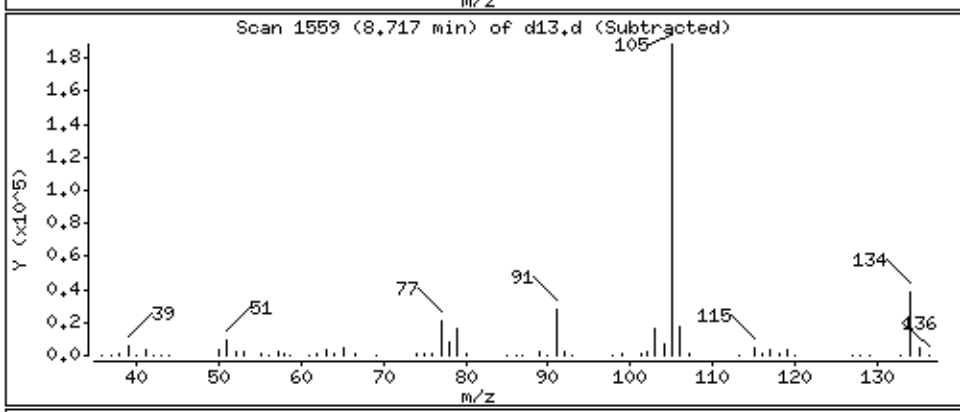
Column diameter: 0.18

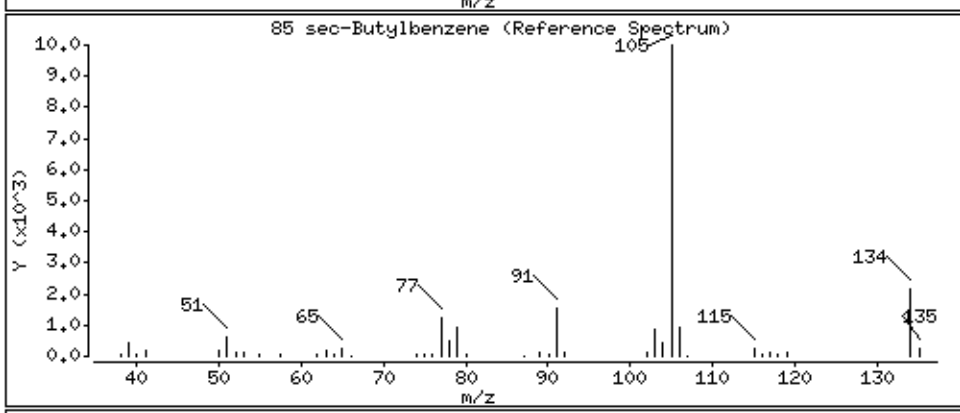
85 sec-Butylbenzene

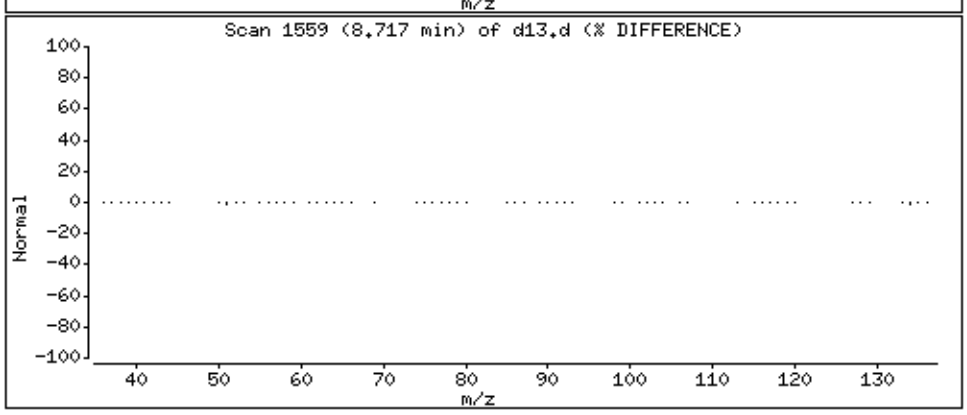
Concentration: 15.4 ppb

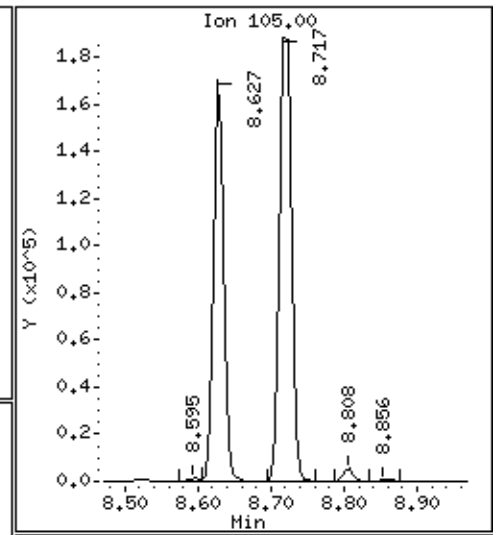
Review Code:

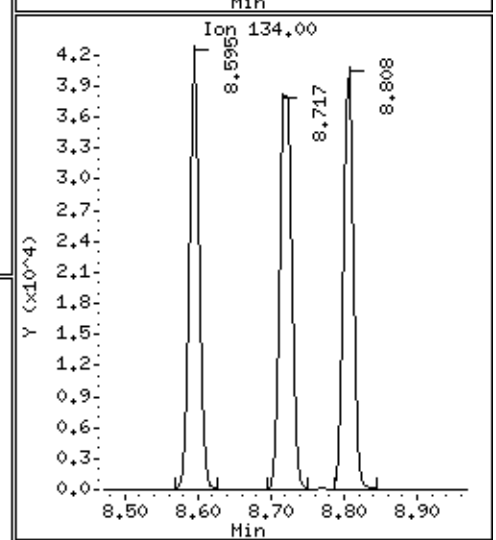












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

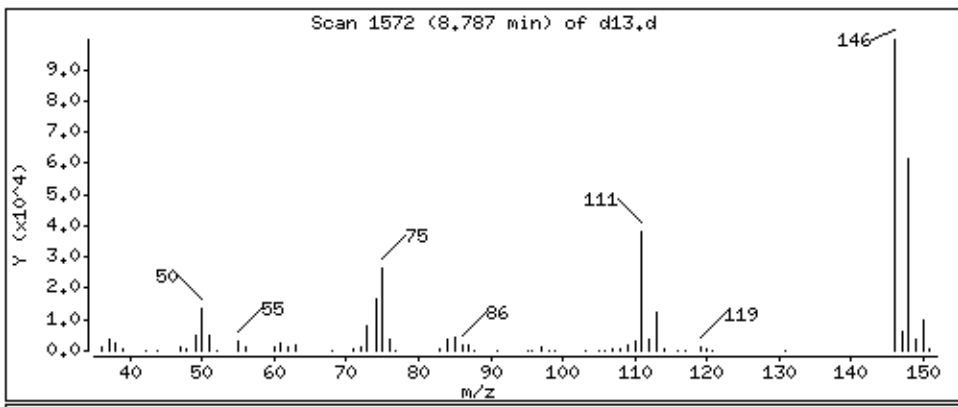
Column phase: DB-624

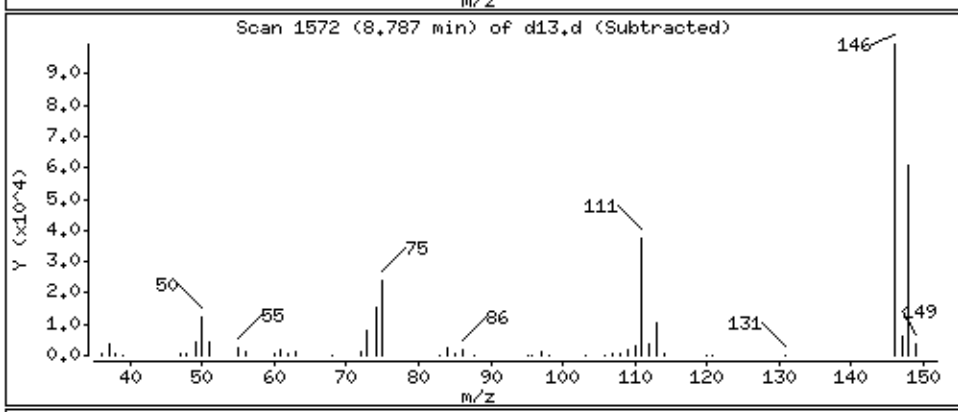
Column diameter: 0.18

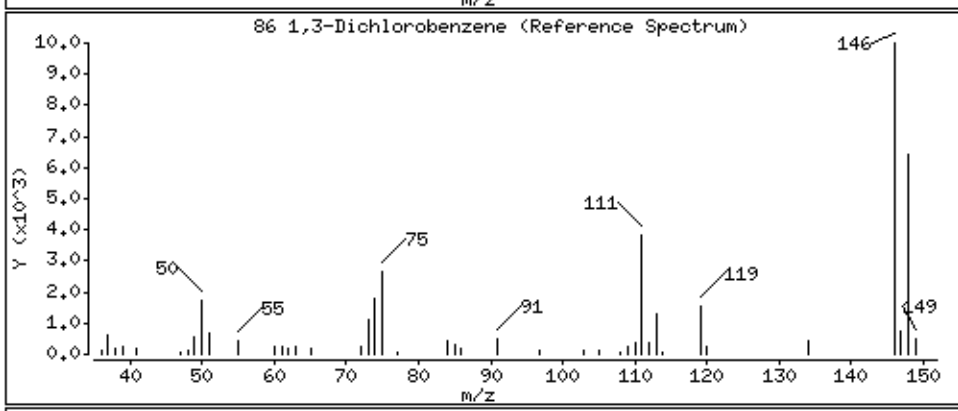
86 1,3-Dichlorobenzene

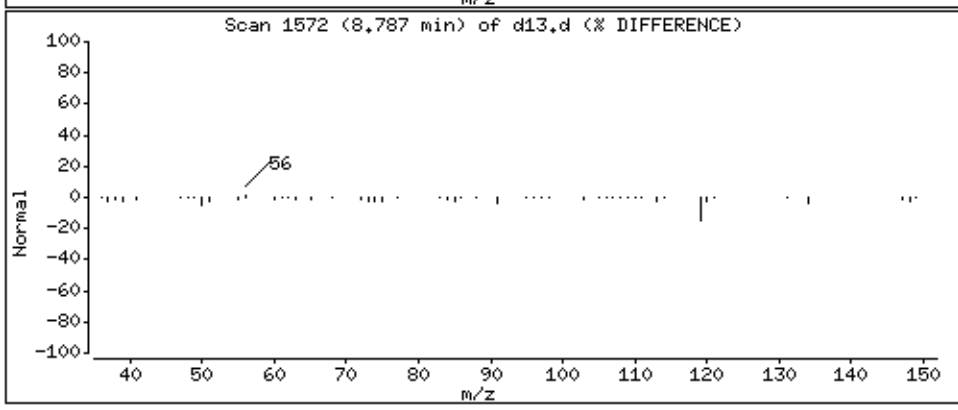
Concentration: 22.9 ppb

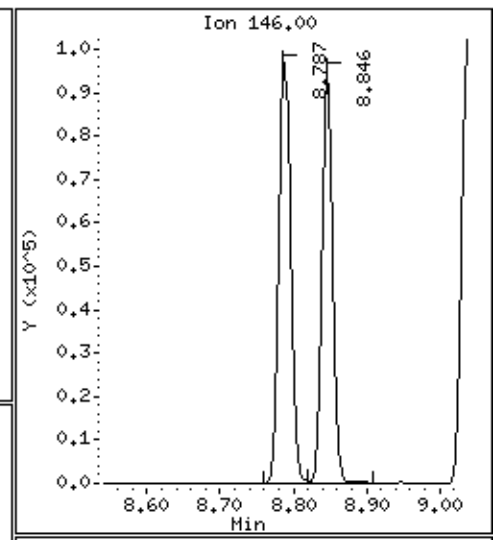
Review Code:

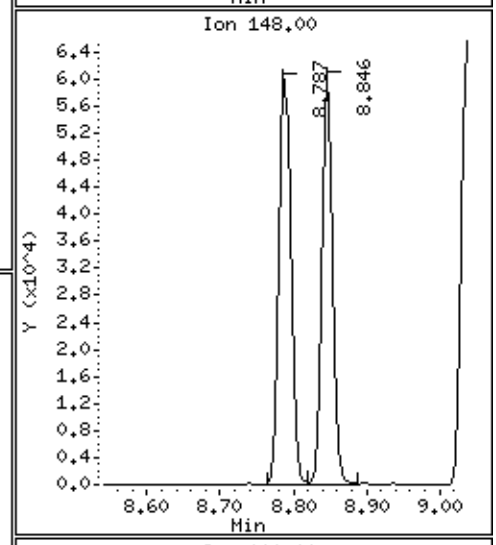


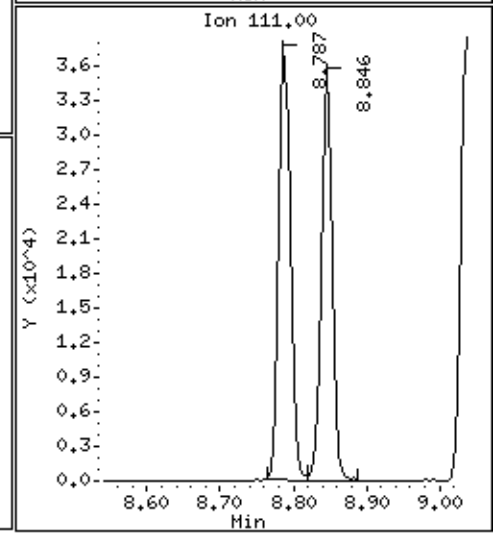












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

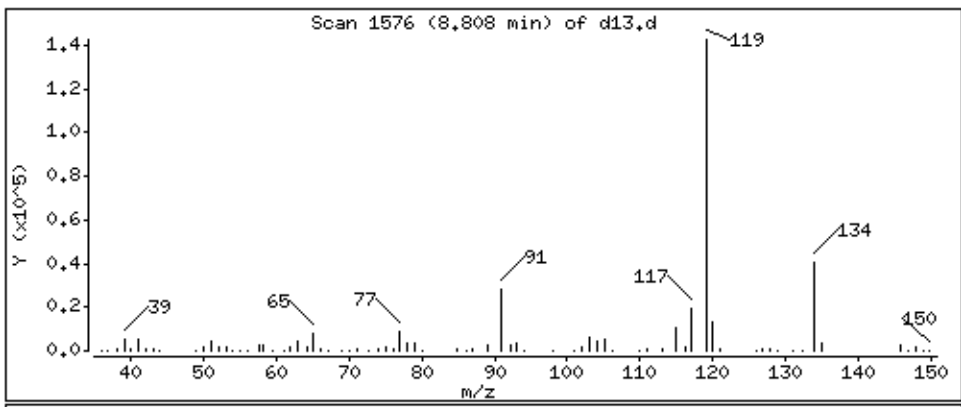
Column phase: DB-624

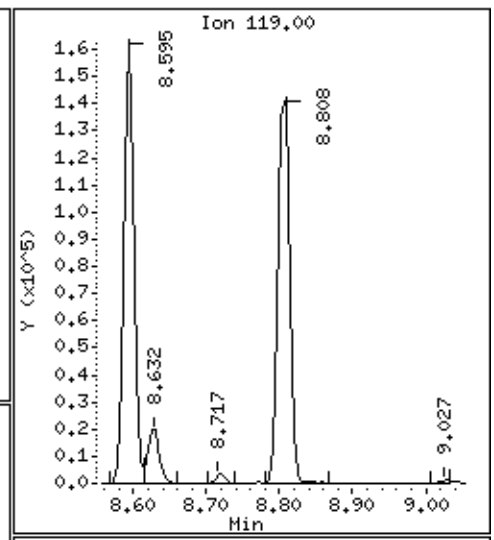
Column diameter: 0.18

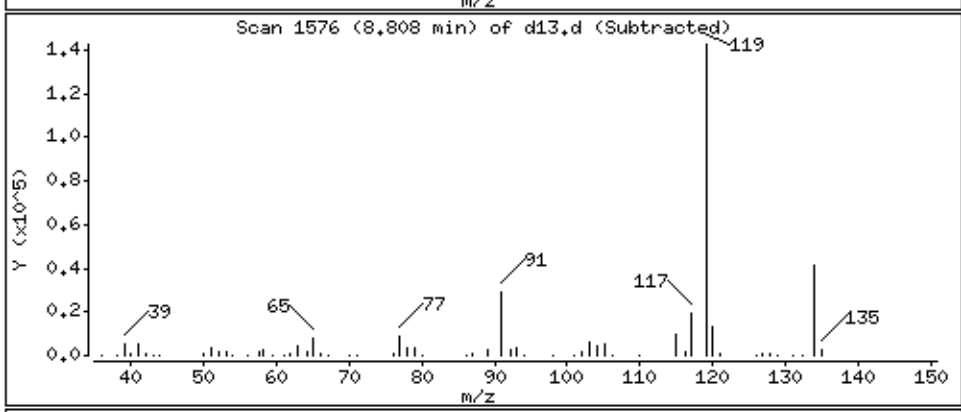
87 p-Isopropyltoluene

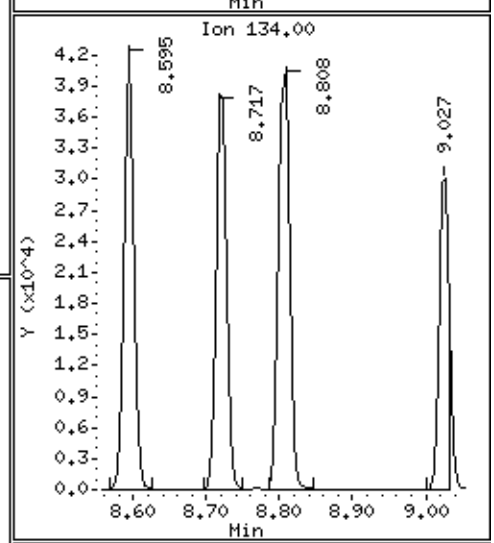
Concentration: 13.9 ppb

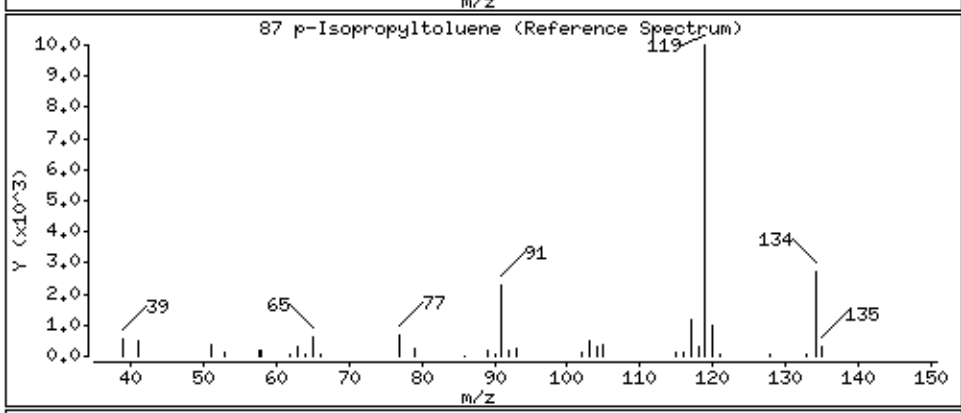
Review Code:

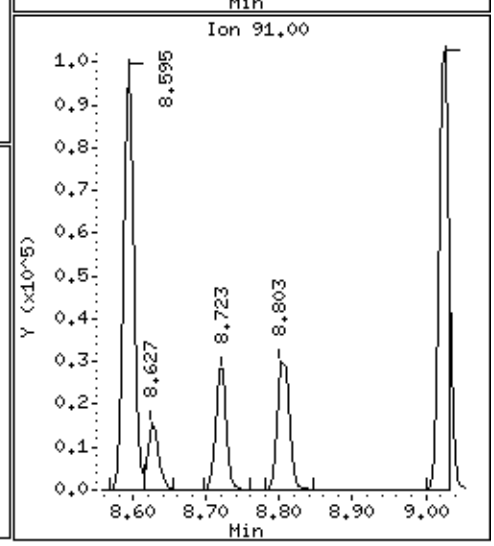


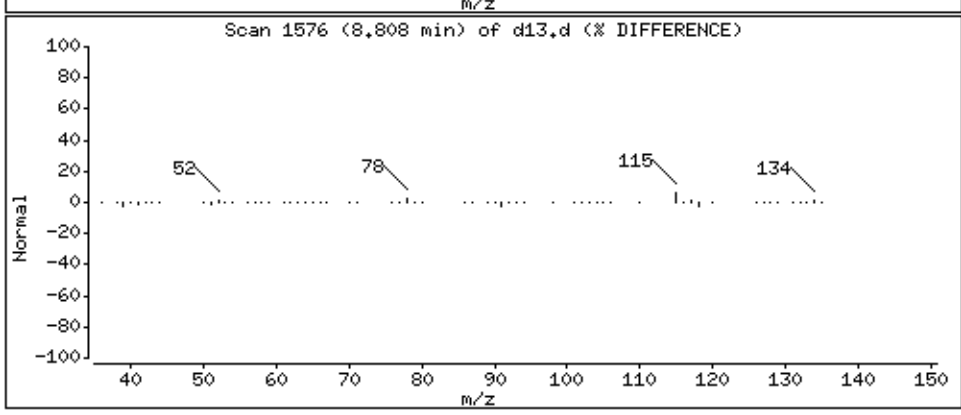












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

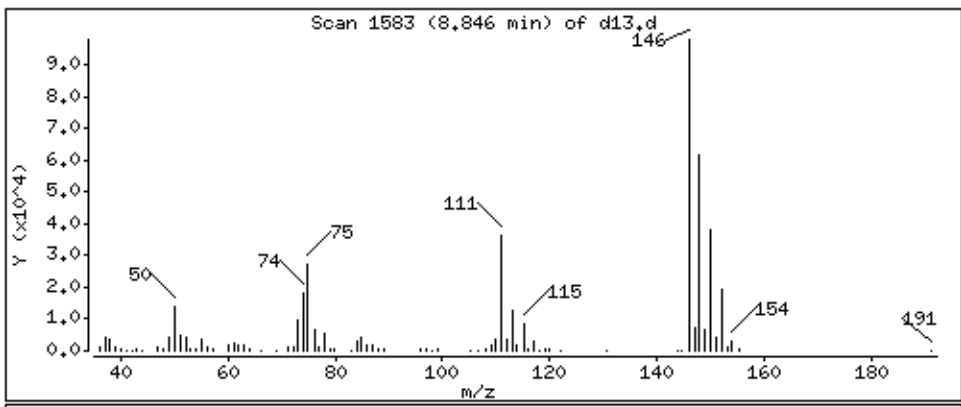
Column phase: DB-624

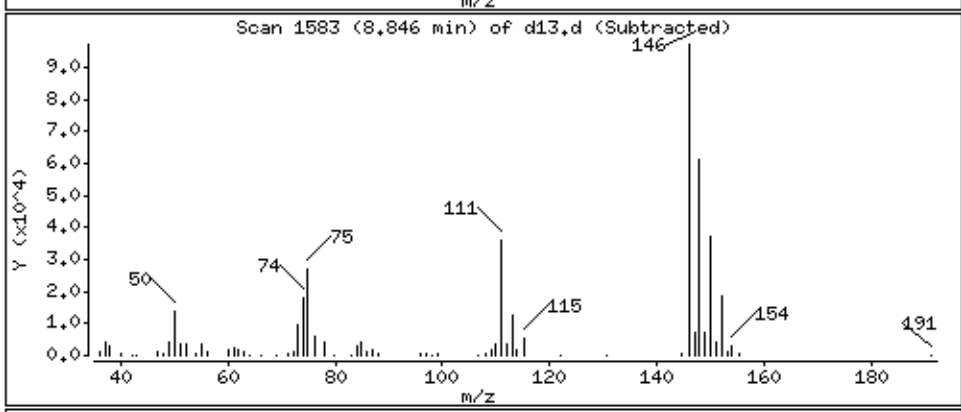
Column diameter: 0.18

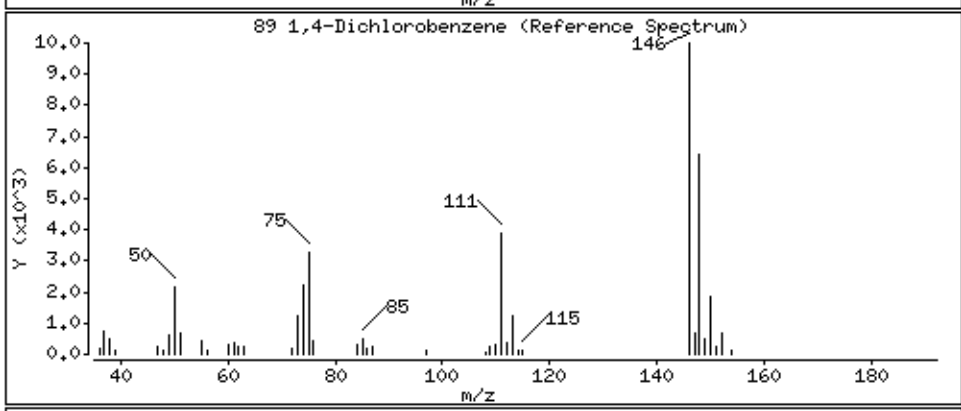
89 1,4-Dichlorobenzene

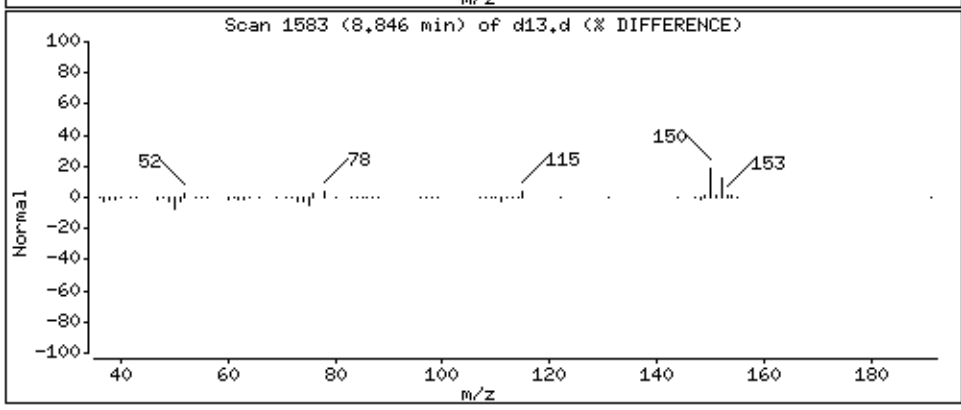
Concentration: 22.2 ppb

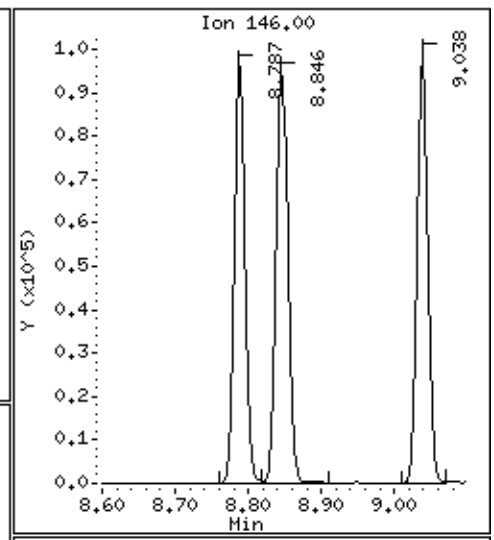
Review Code:

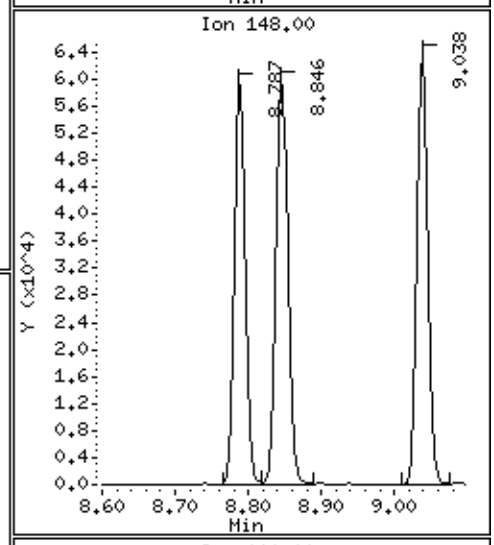


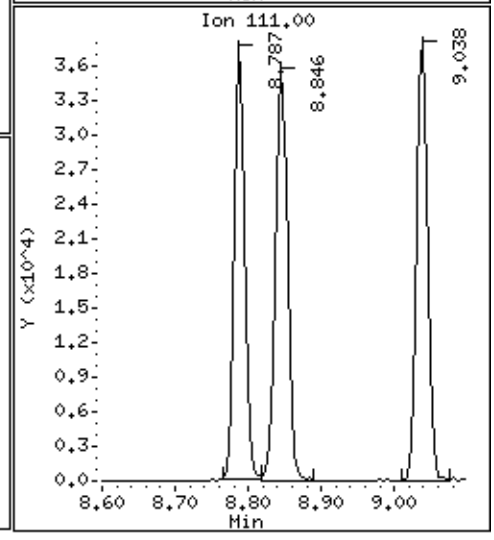












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Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

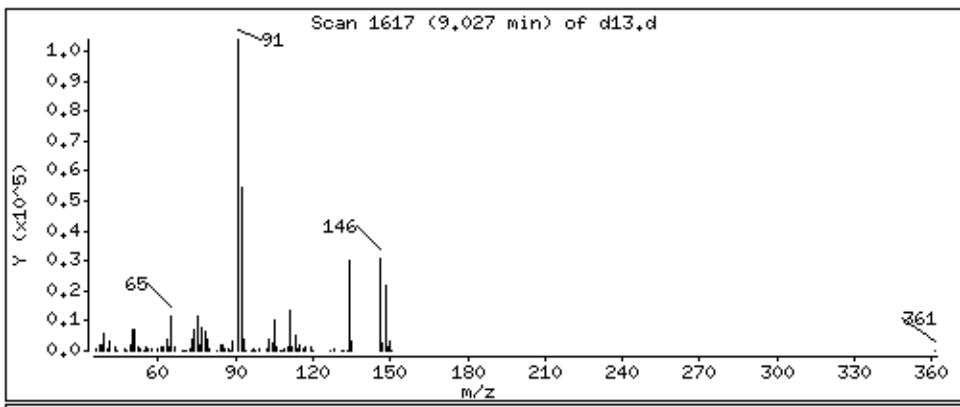
Column phase: DB-624

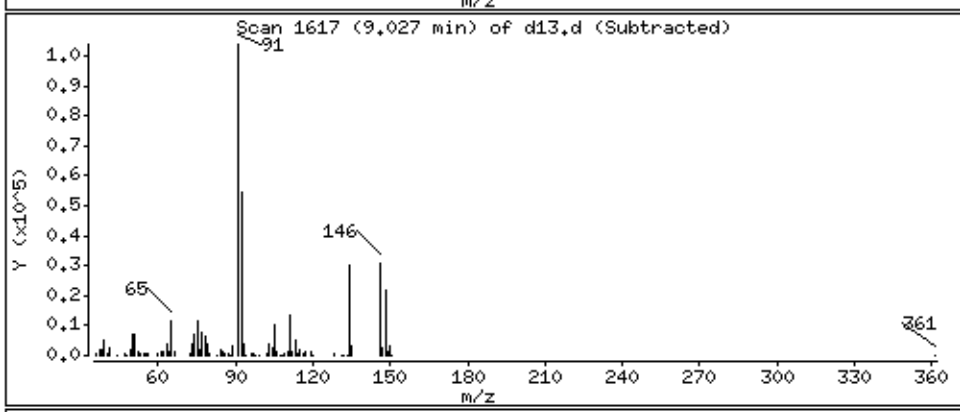
Column diameter: 0.18

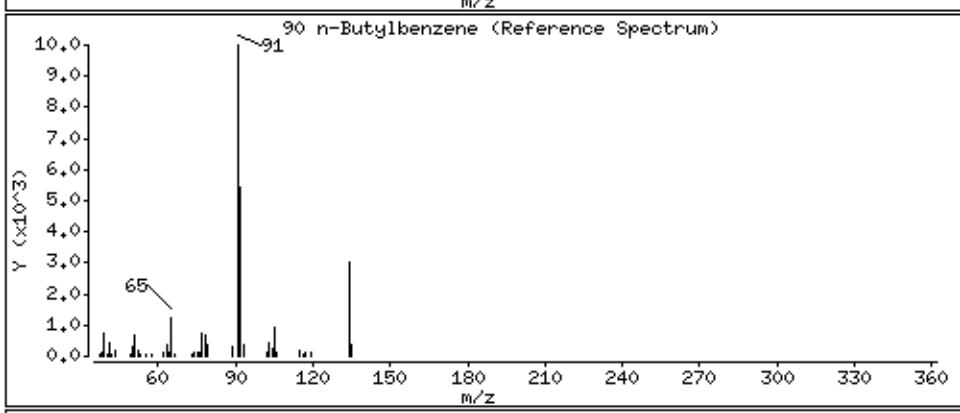
90 n-Butylbenzene

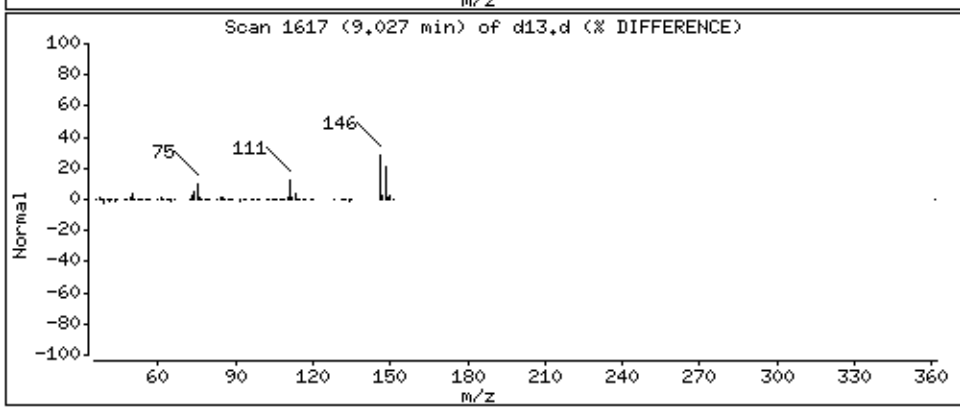
Concentration: 10.8 ppb

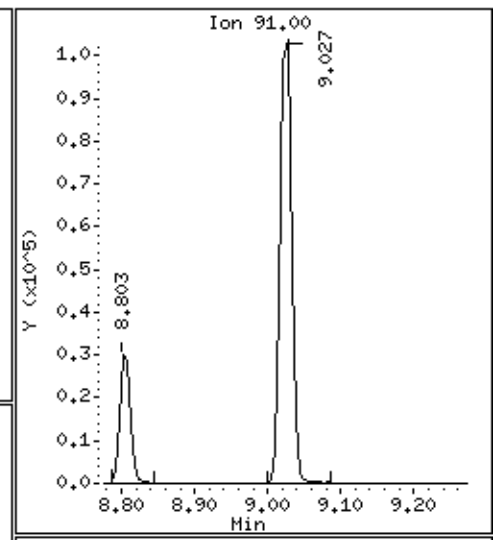
Review Code:

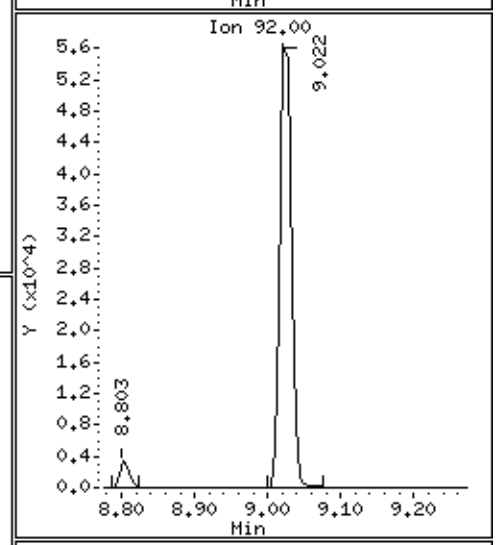


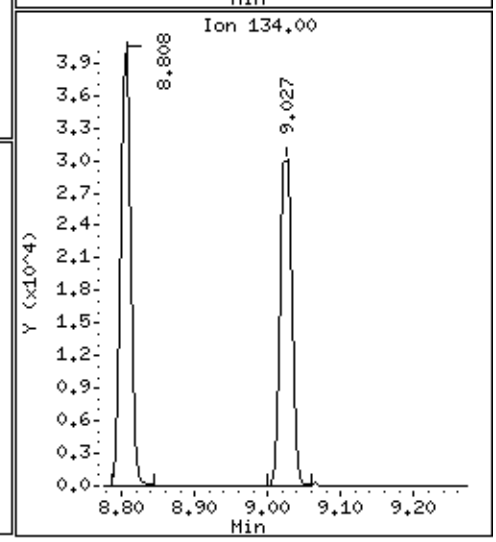












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

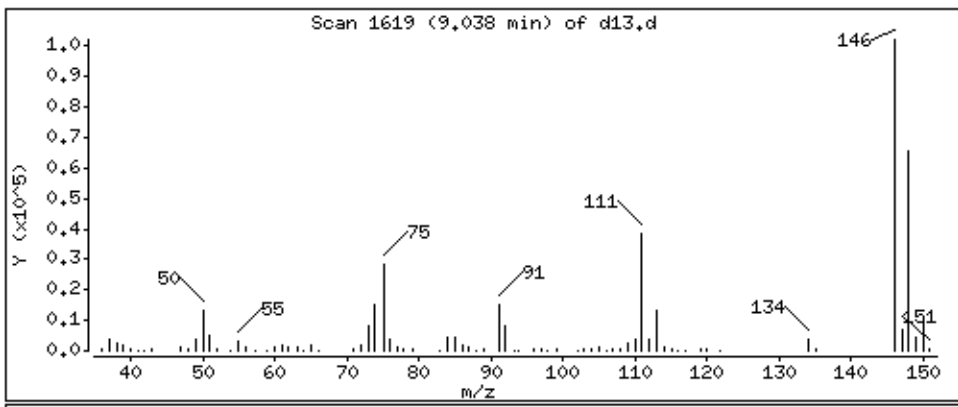
Column phase: DB-624

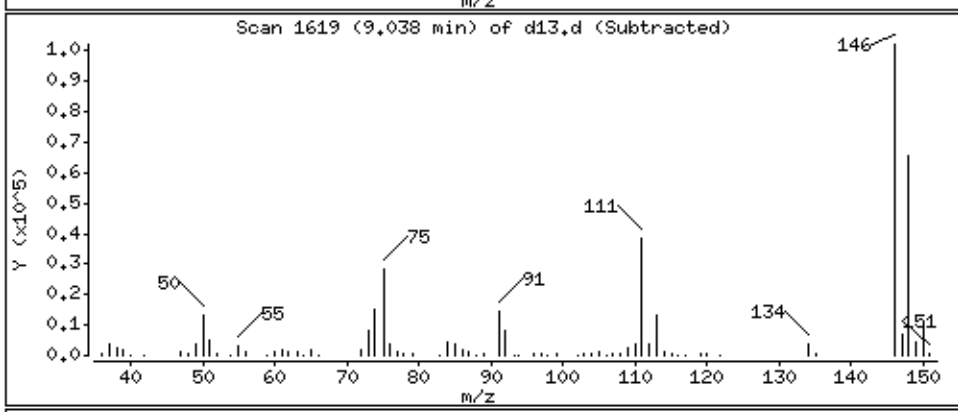
Column diameter: 0.18

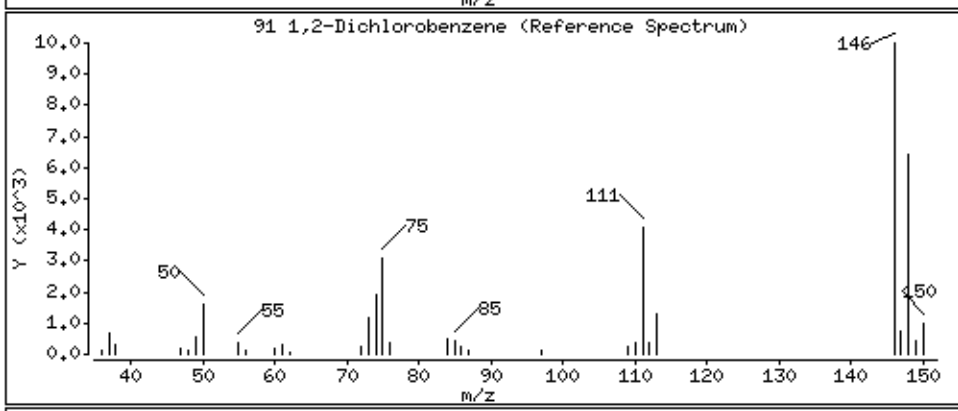
91 1,2-Dichlorobenzene

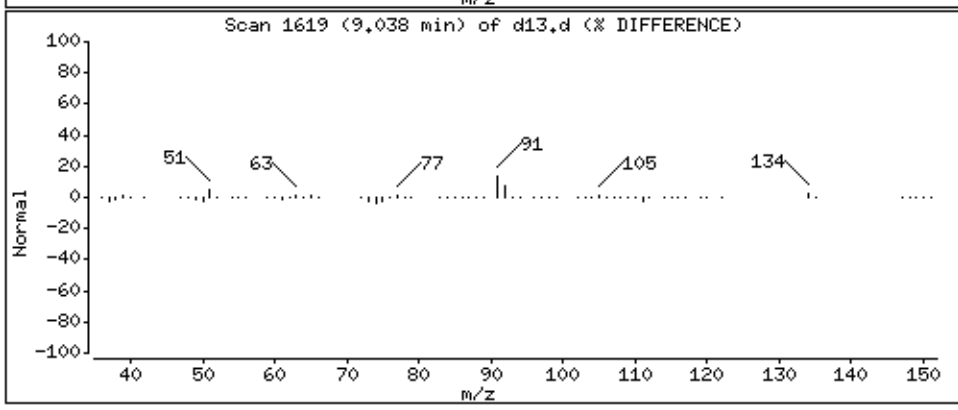
Concentration: 27.8 ppb

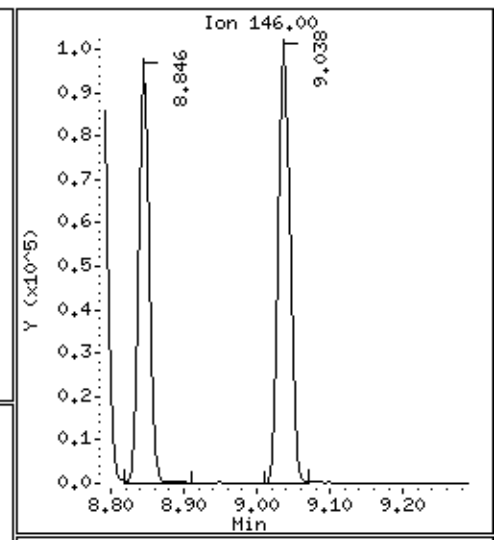
Review Code:

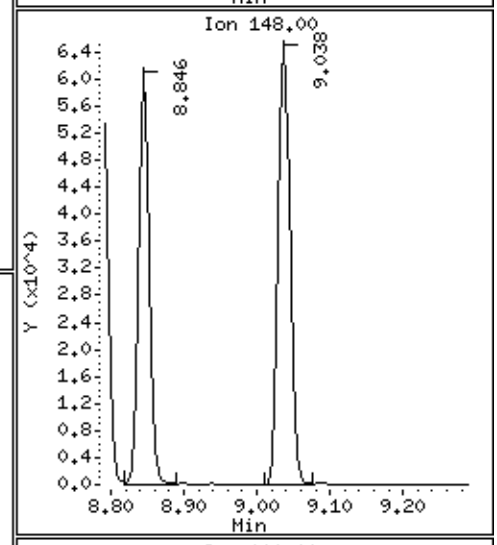


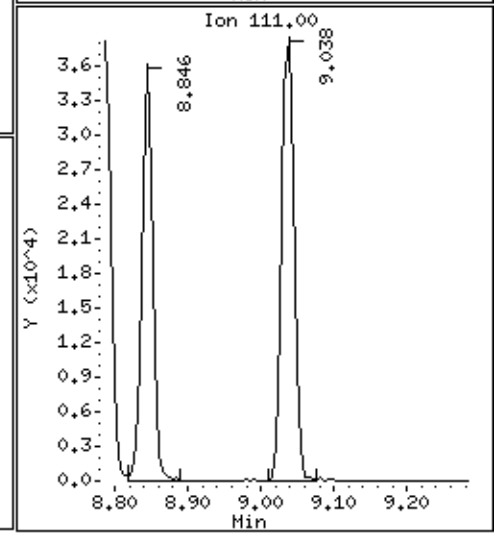












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

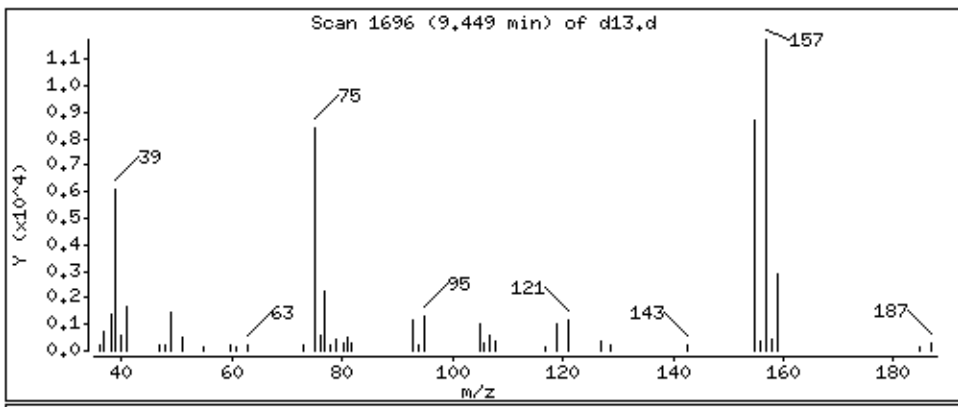
Column phase: DB-624

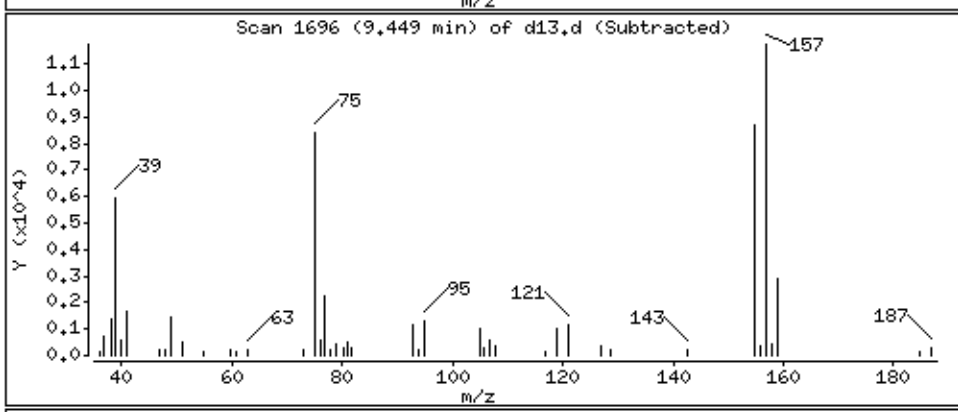
Column diameter: 0.18

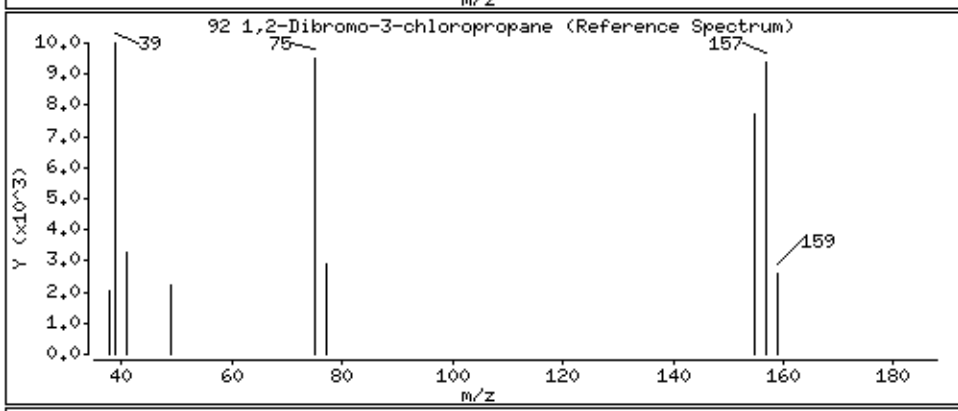
92 1,2-Dibromo-3-chloropropane

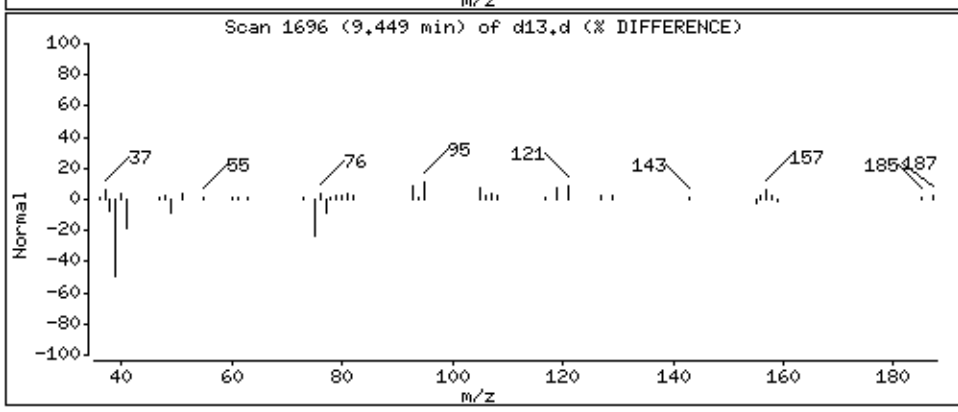
Concentration: 47.6 ppb

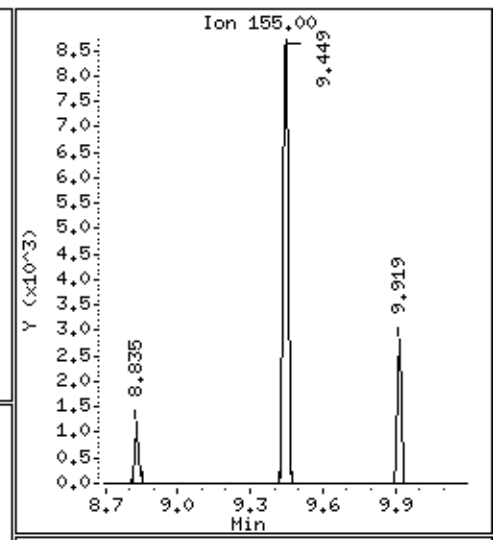
Review Code:

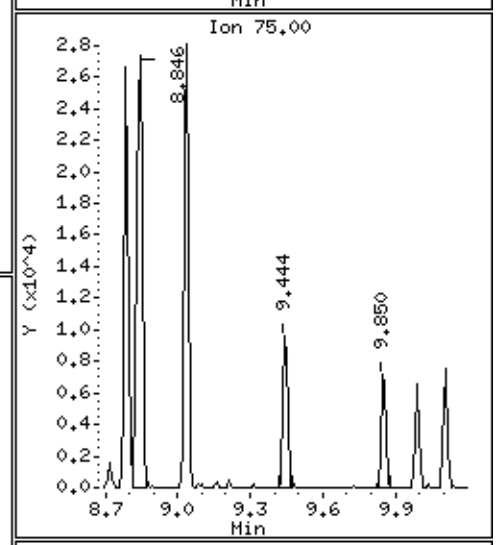


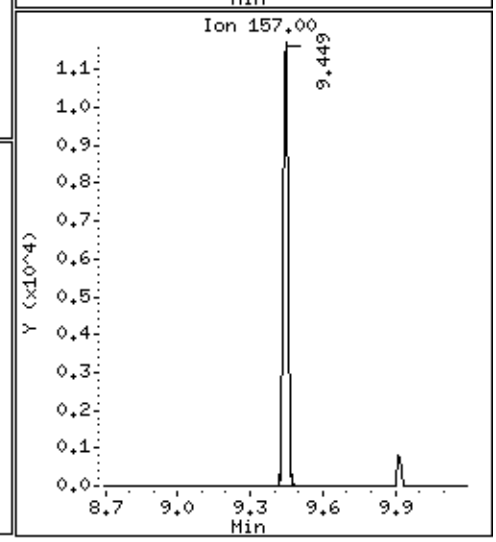












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

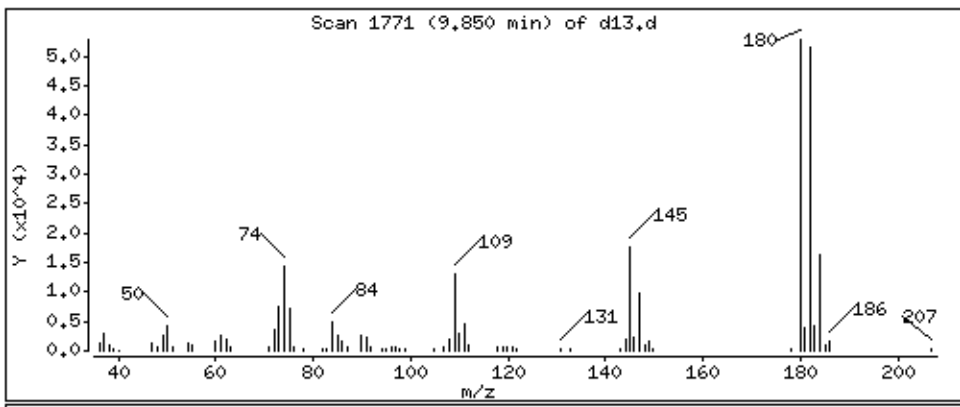
Column phase: DB-624

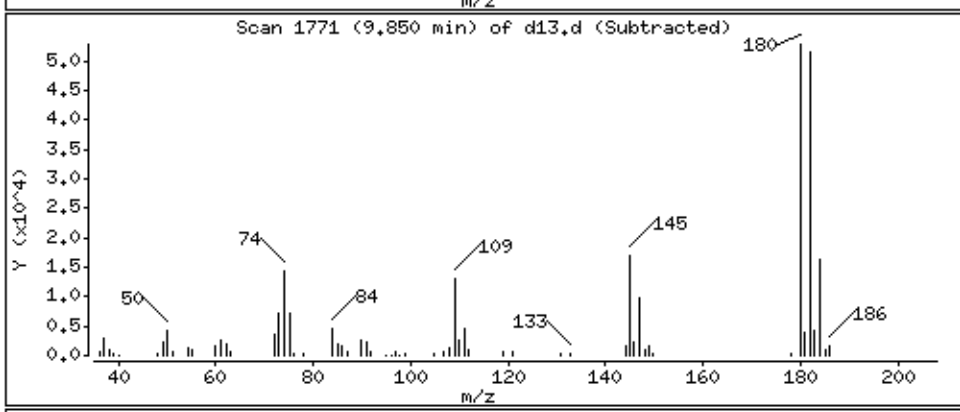
Column diameter: 0.18

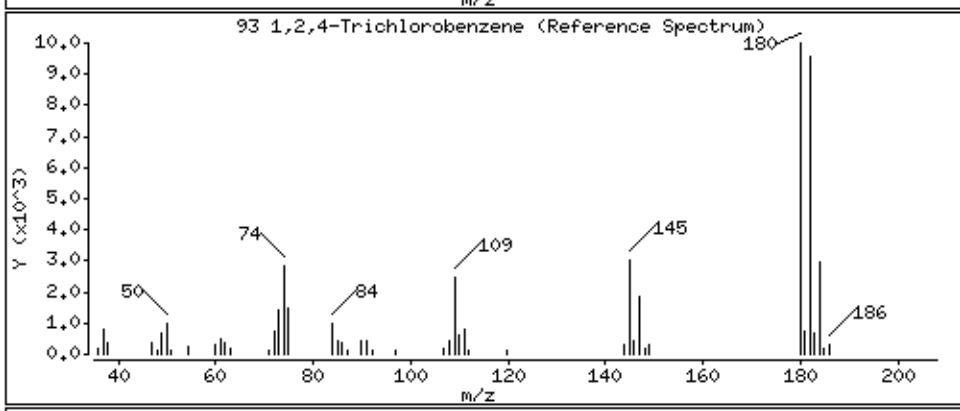
93 1,2,4-Trichlorobenzene

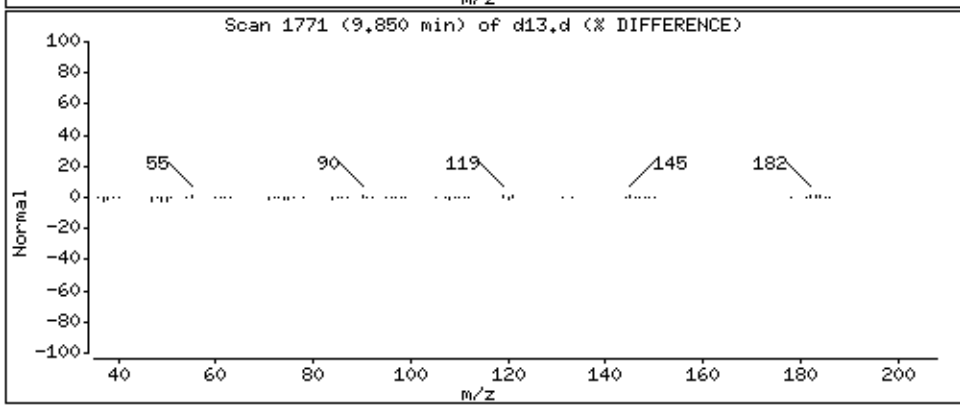
Concentration: 22.3 ppb

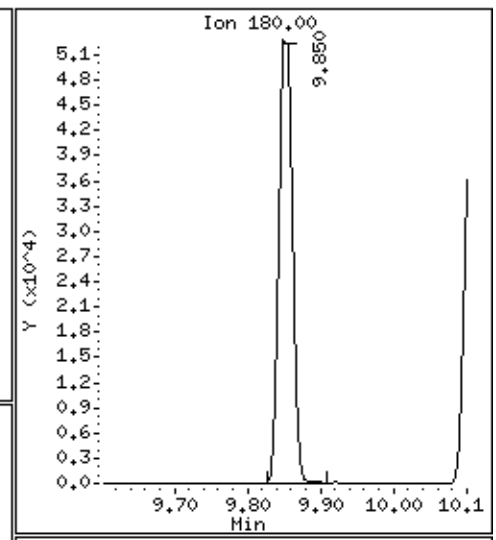
Review Code:

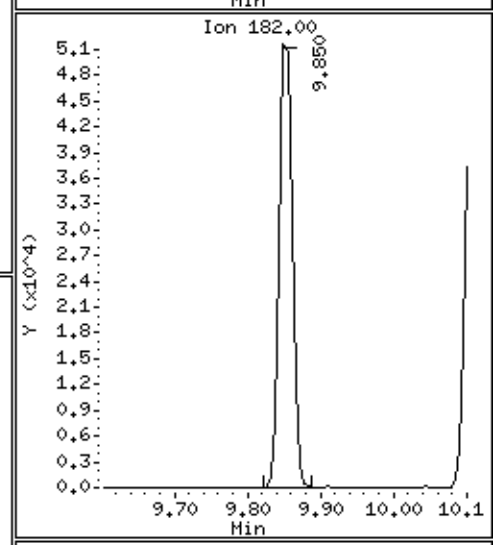


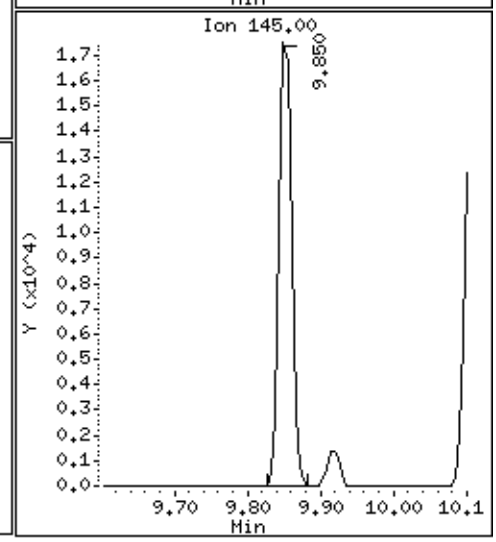












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

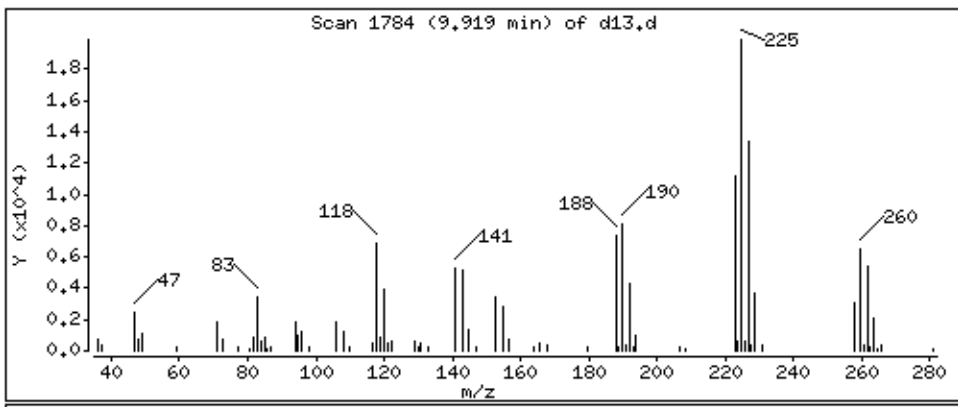
Column phase: DB-624

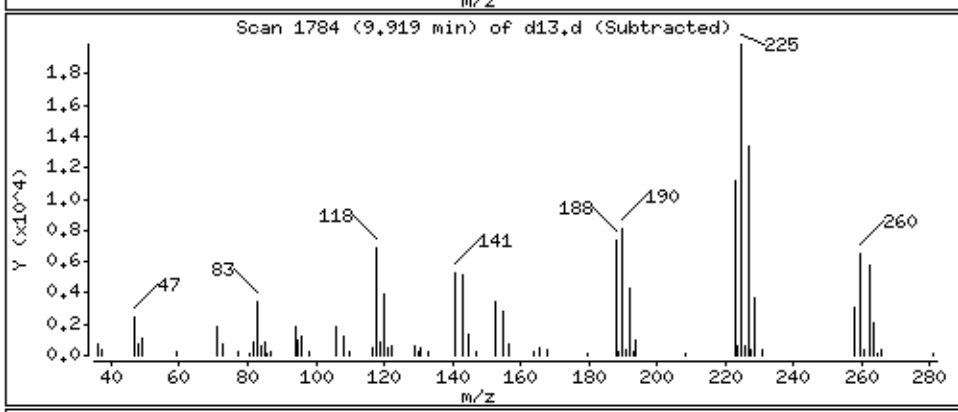
Column diameter: 0.18

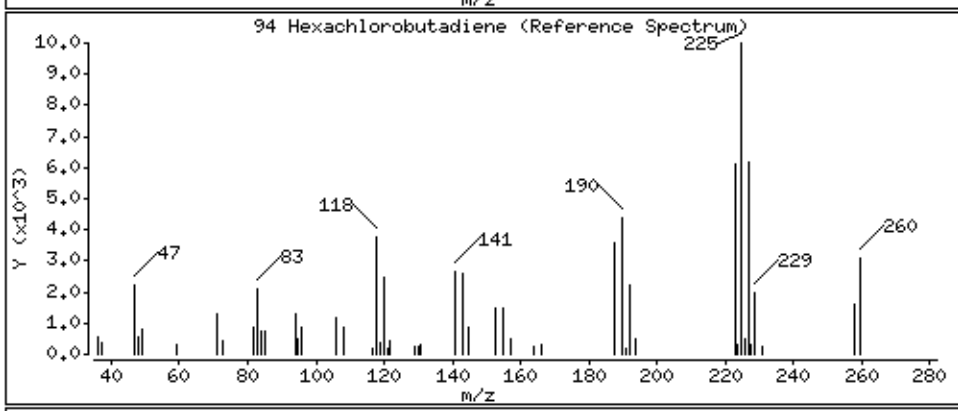
94 Hexachlorobutadiene

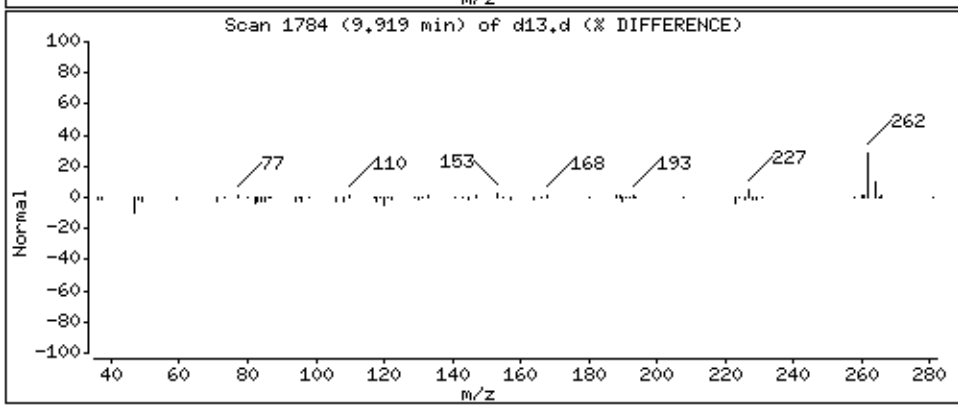
Concentration: 9.47 ppb

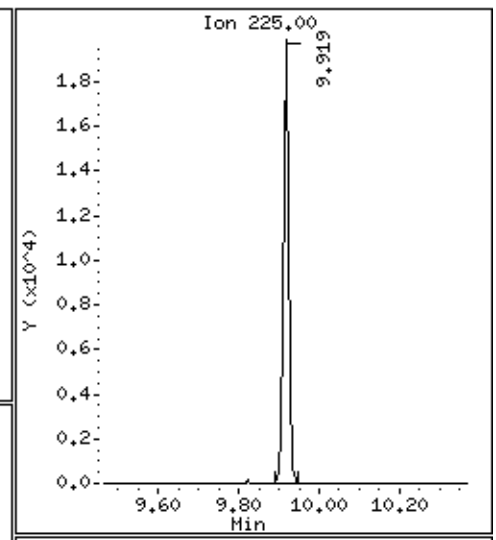
Review Code:

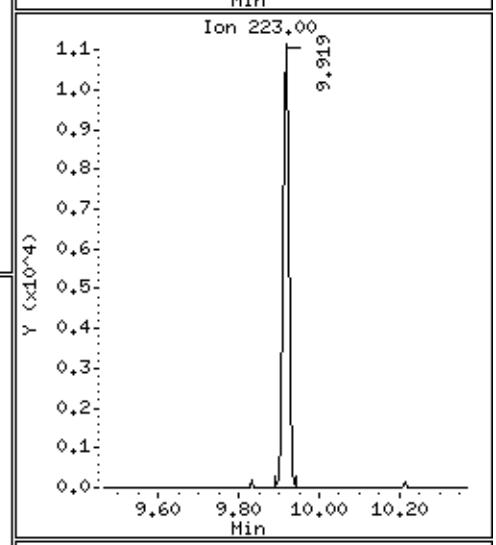


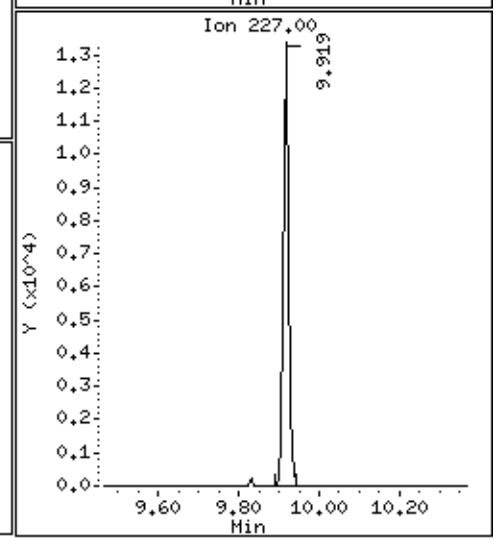












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

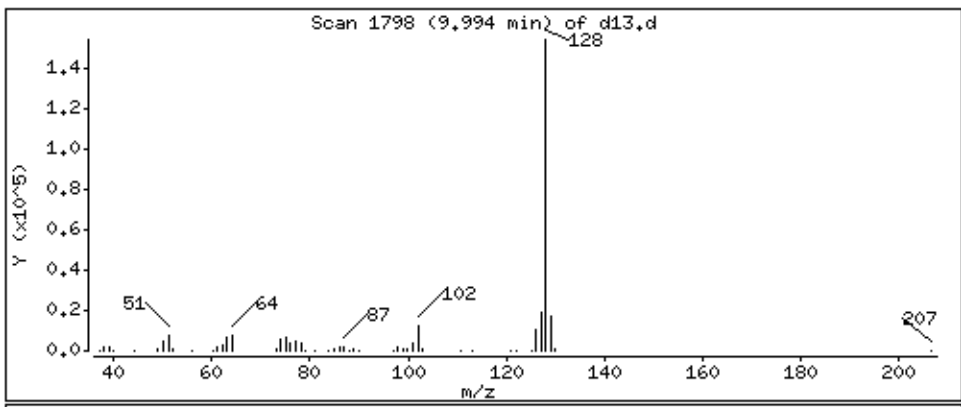
Column phase: DB-624

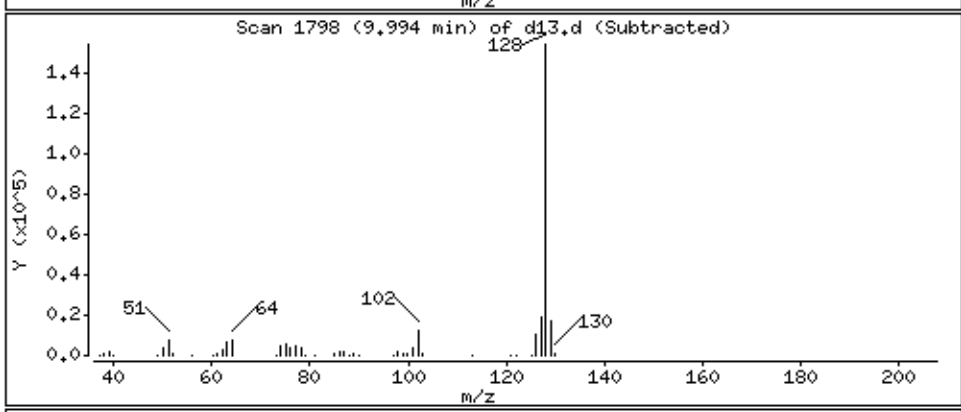
Column diameter: 0.18

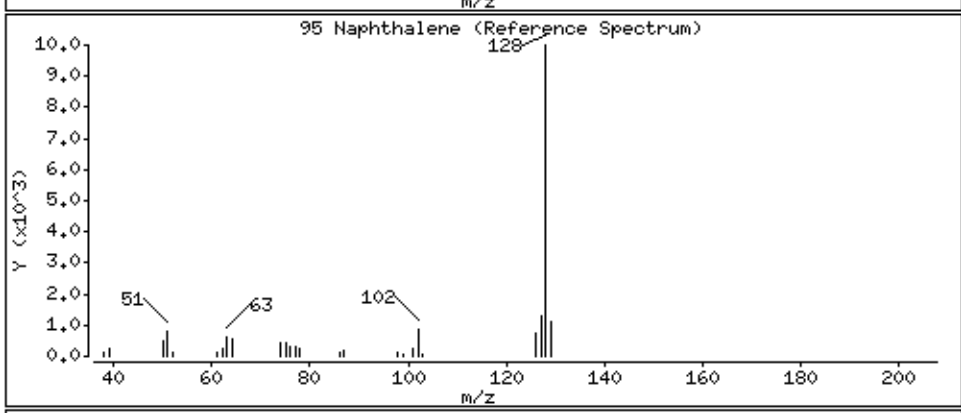
95 Naphthalene

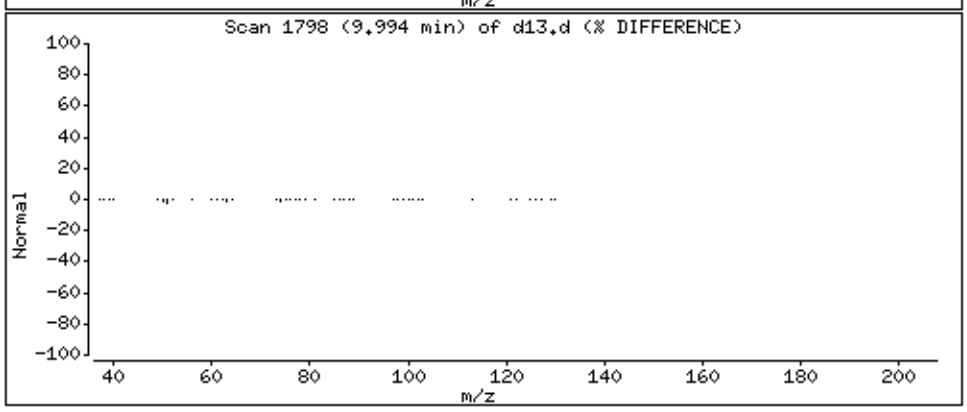
Concentration: 37.8 ppb

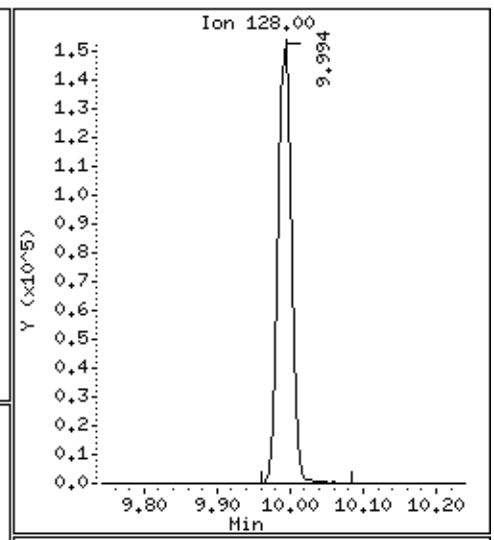
Review Code:

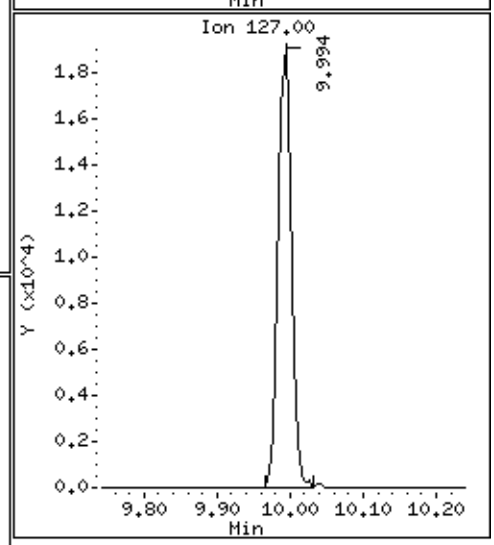












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

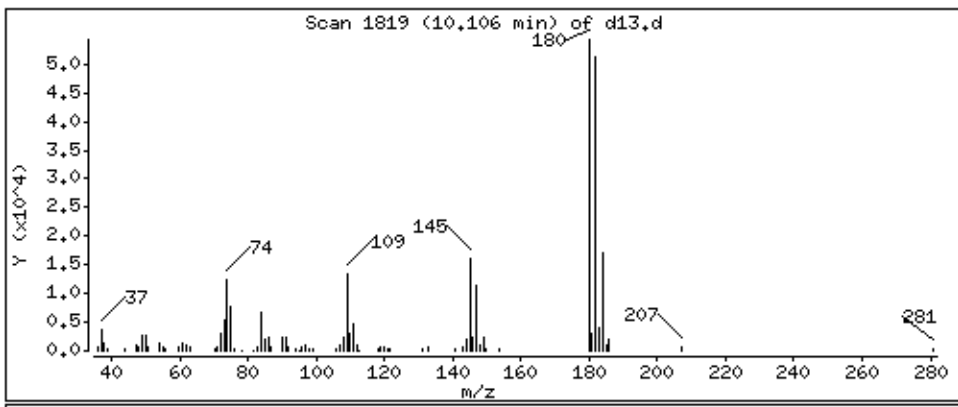
Column phase: DB-624

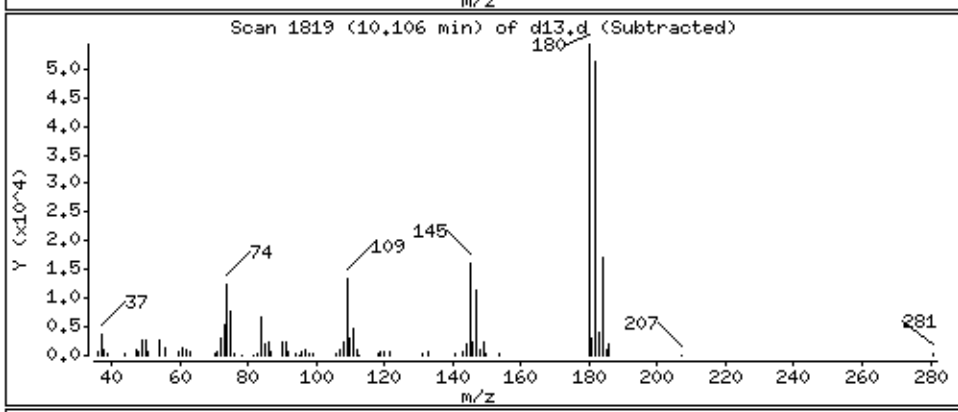
Column diameter: 0.18

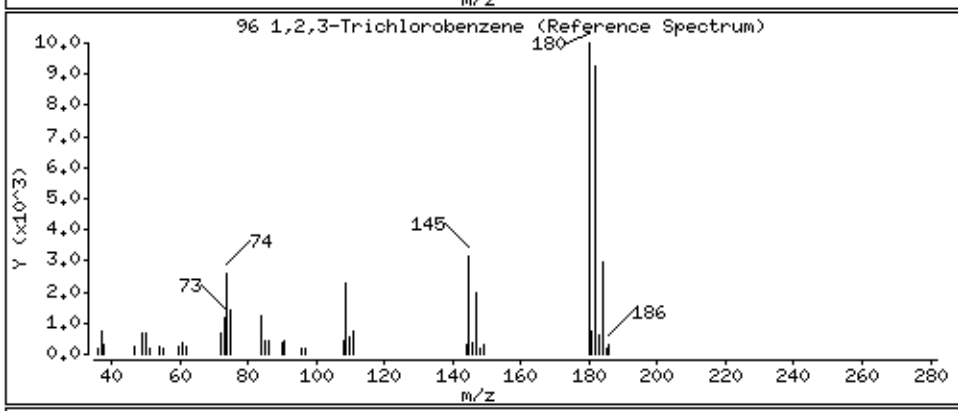
96 1,2,3-Trichlorobenzene

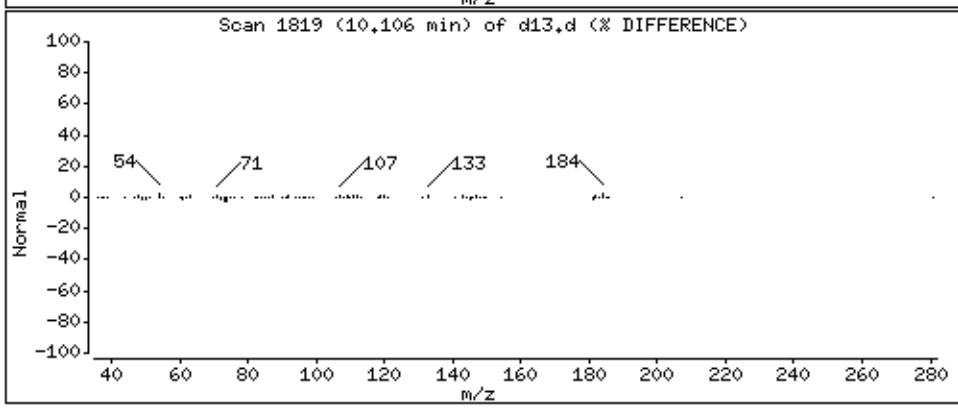
Concentration: 27.2 ppb

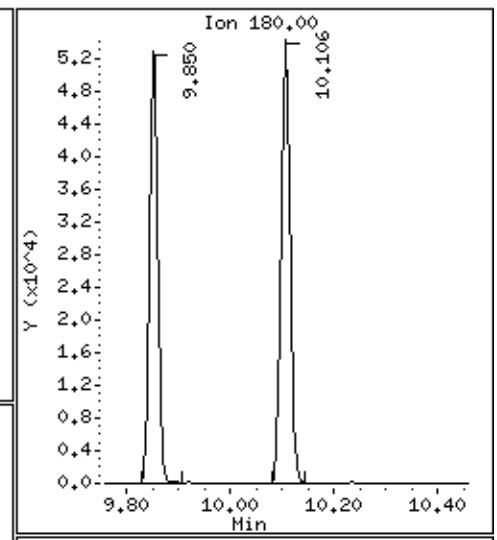
Review Code:

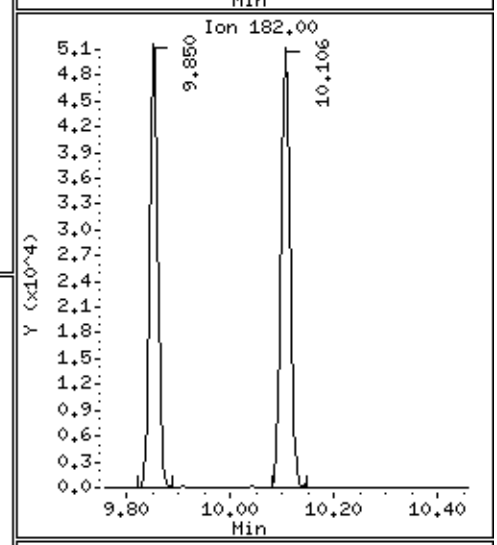


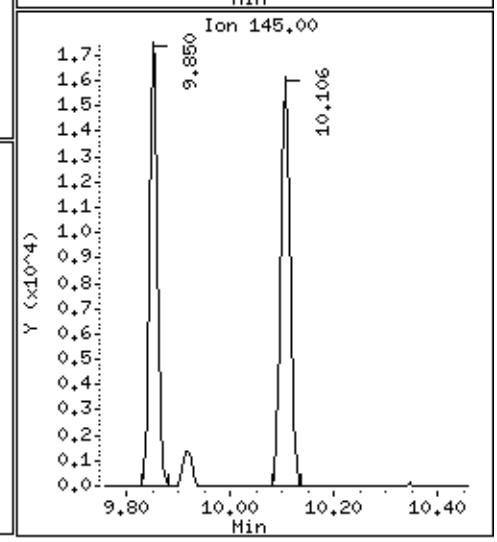












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

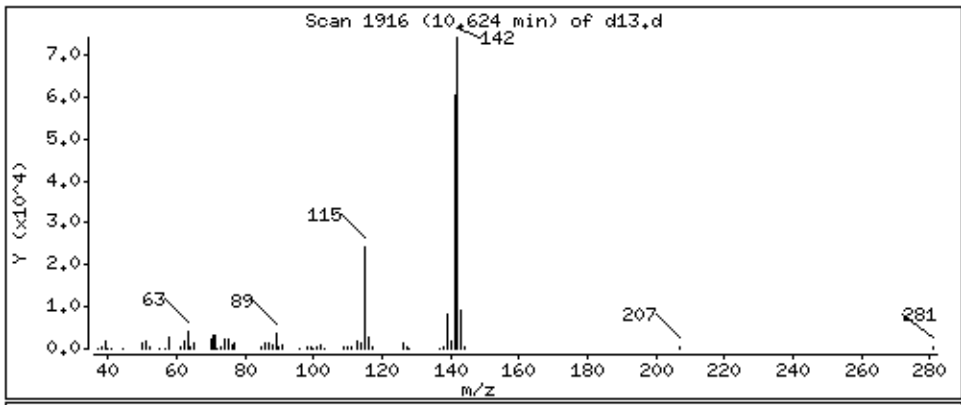
Column phase: DB-624

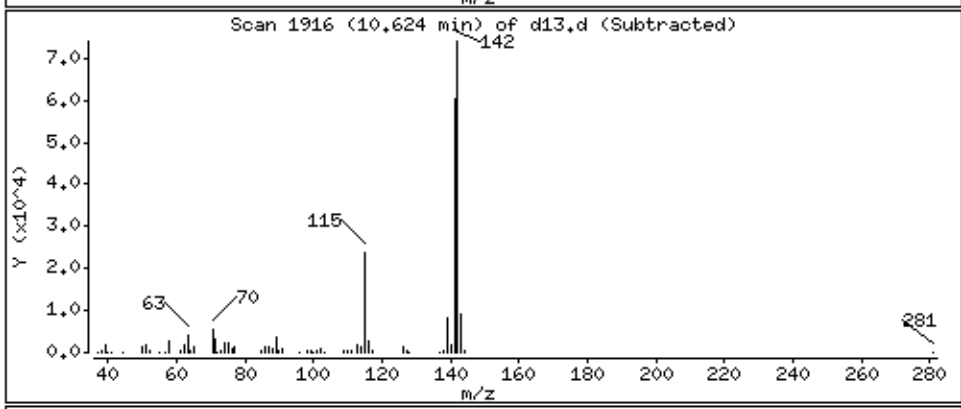
Column diameter: 0.18

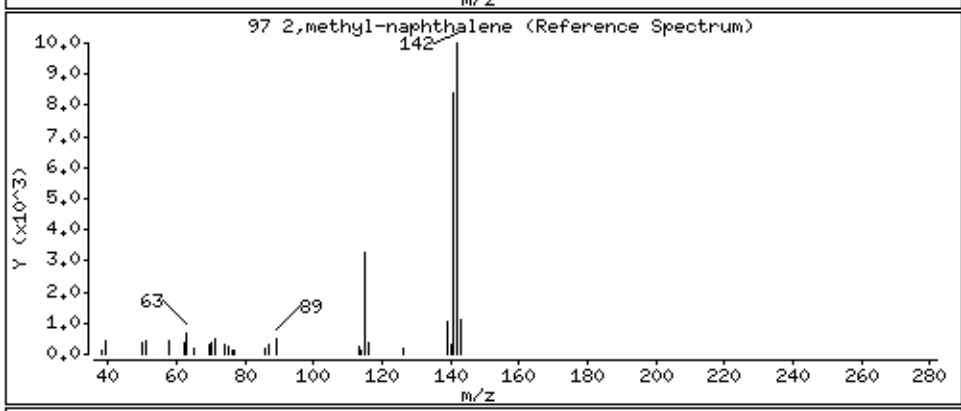
97 2,methyl-naphthalene

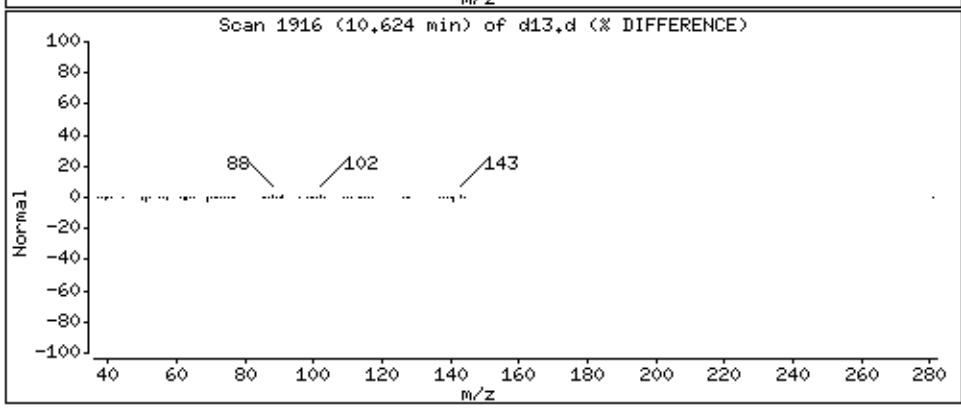
Concentration: 37.6 ppb

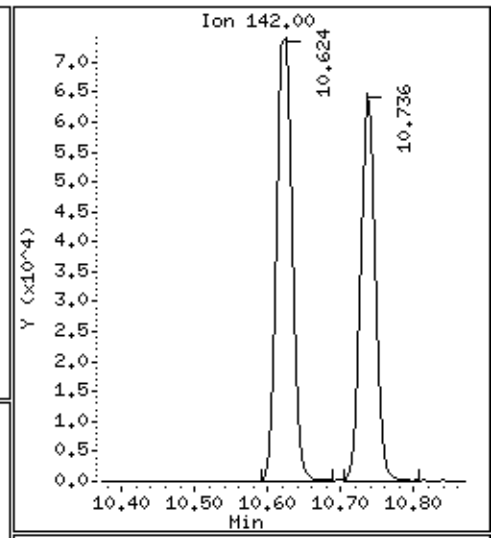
Review Code:

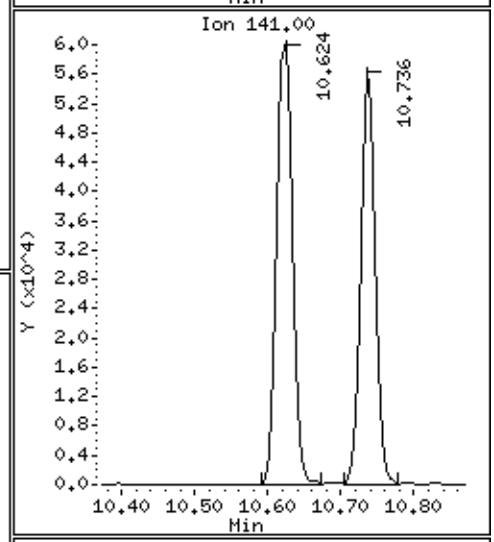


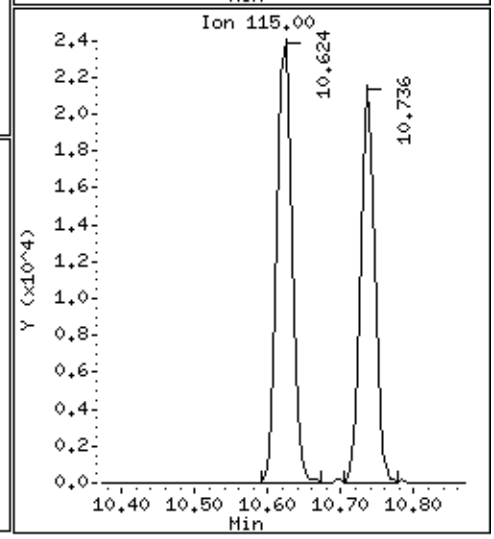












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

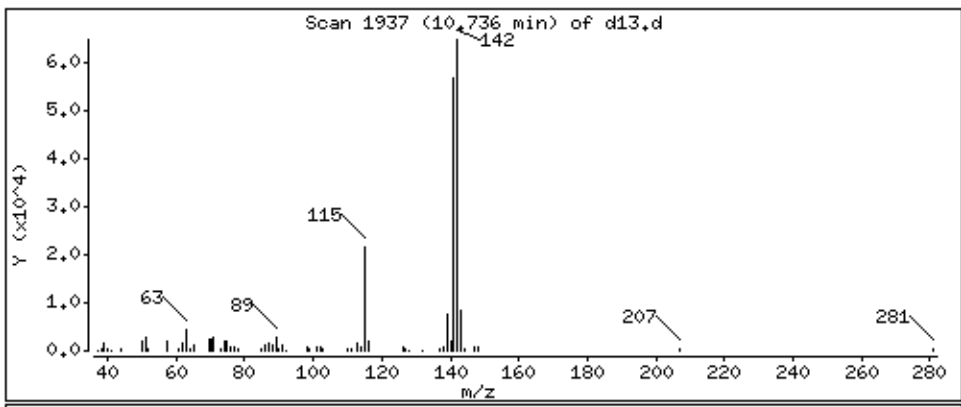
Column phase: DB-624

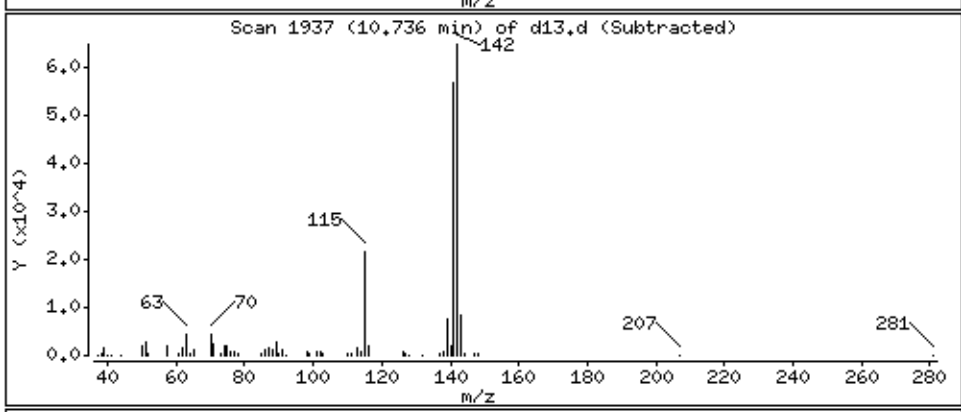
Column diameter: 0.18

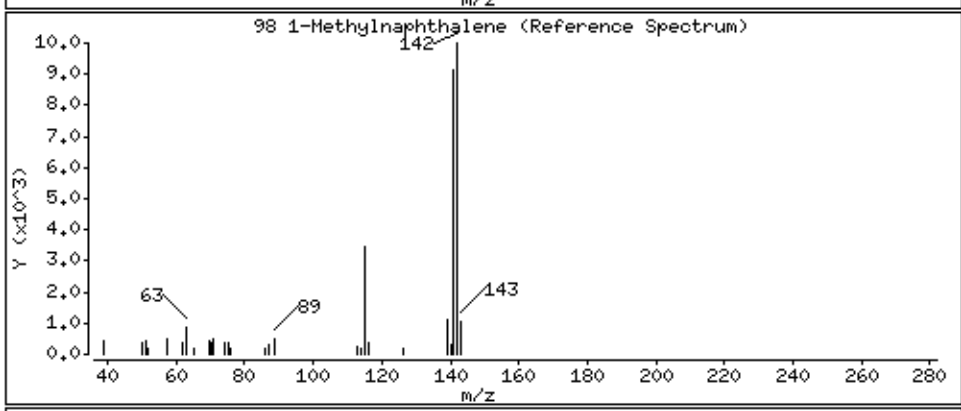
98 1-Methylnaphthalene

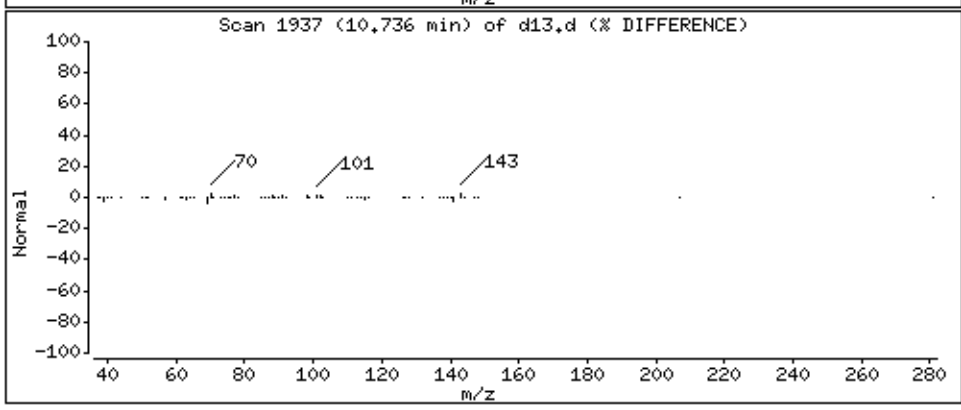
Concentration: 44.0 ppb

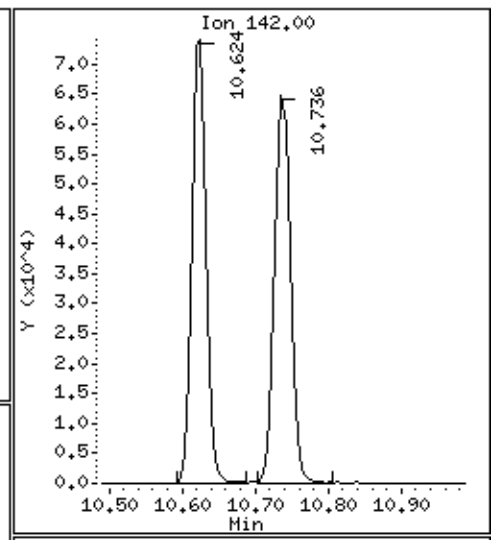
Review Code:

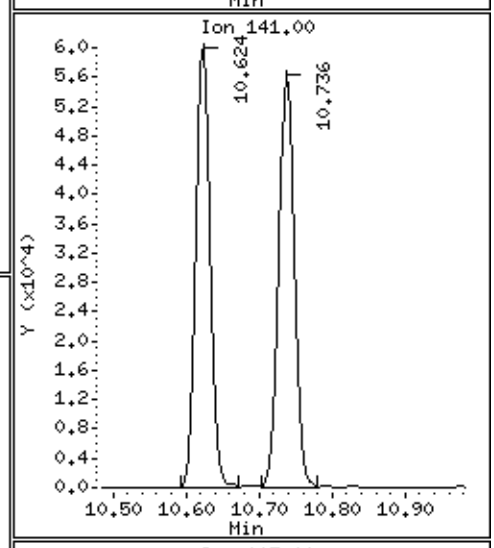


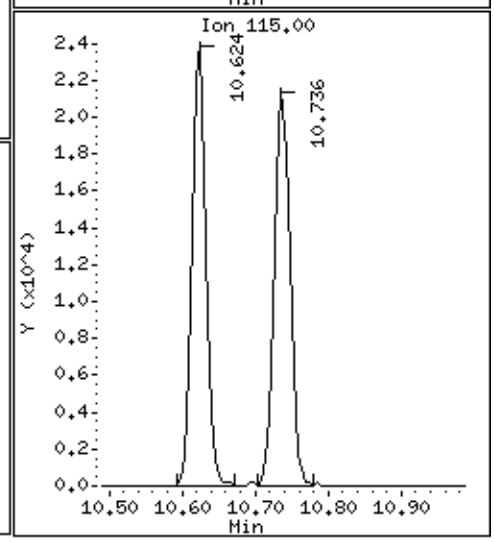












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

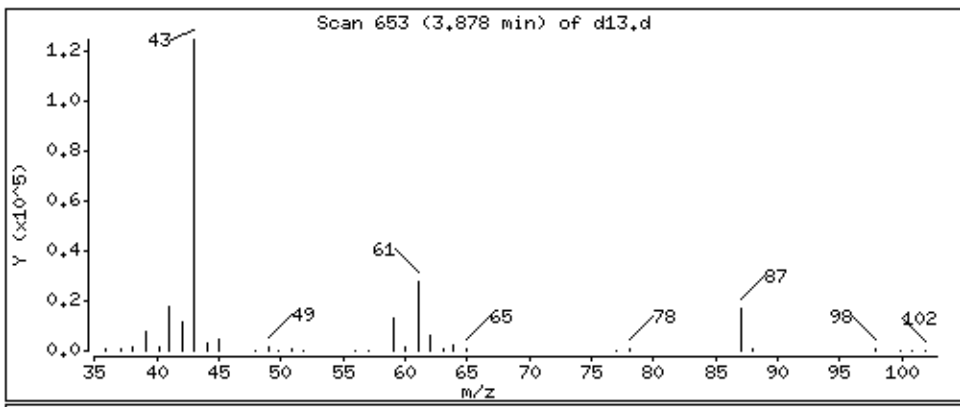
Column phase: DB-624

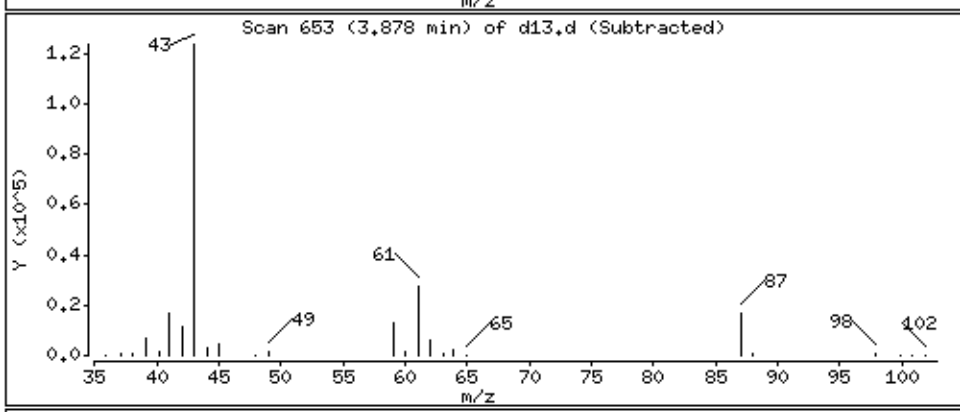
Column diameter: 0.18

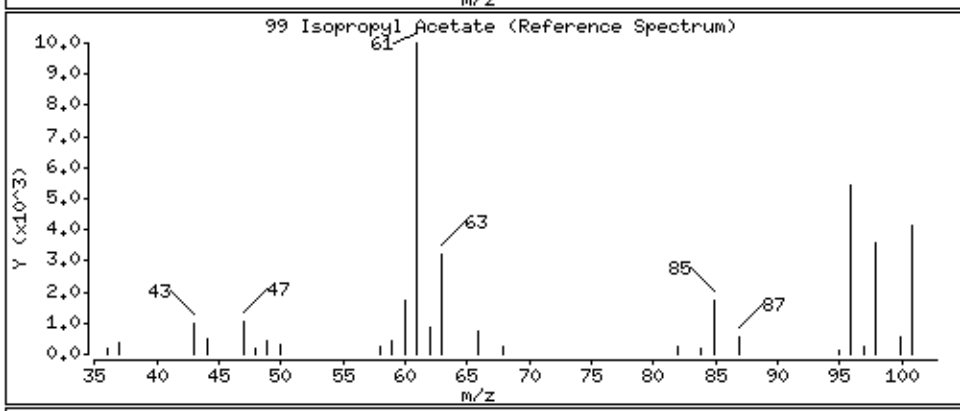
99 Isopropyl Acetate

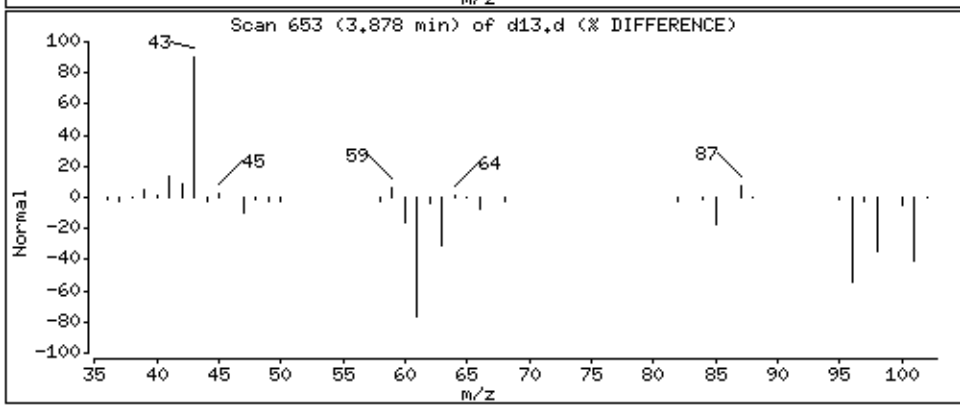
Concentration: 235 ppb

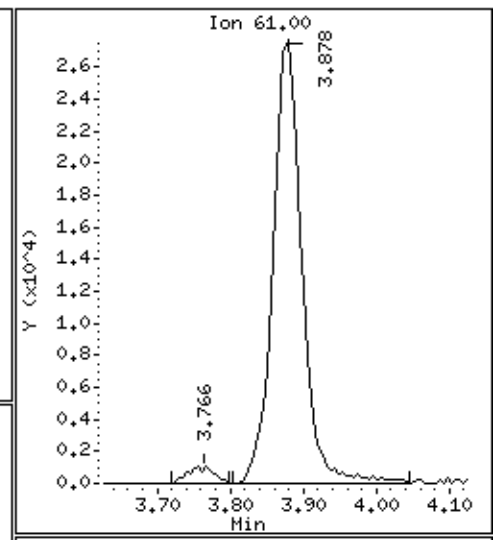
Review Code:

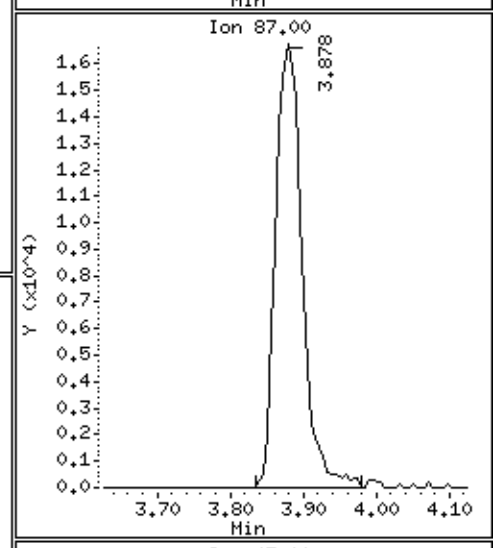


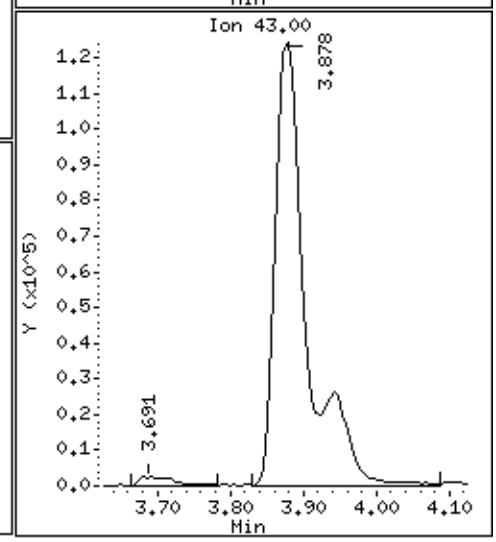












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

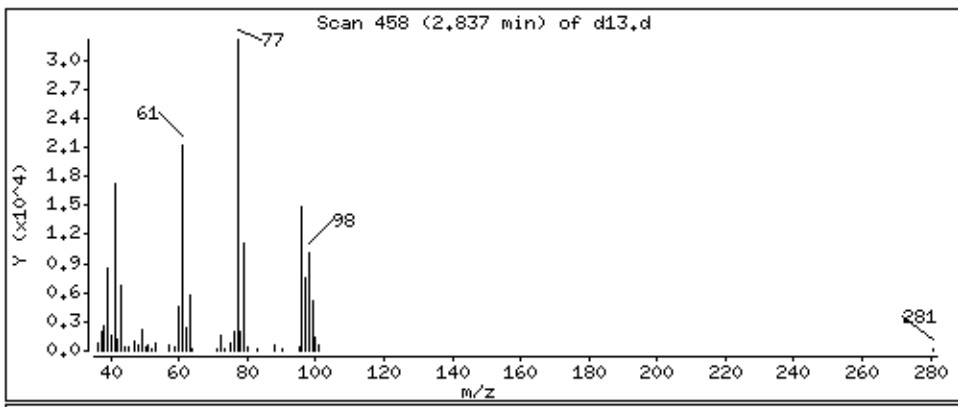
Column phase: DB-624

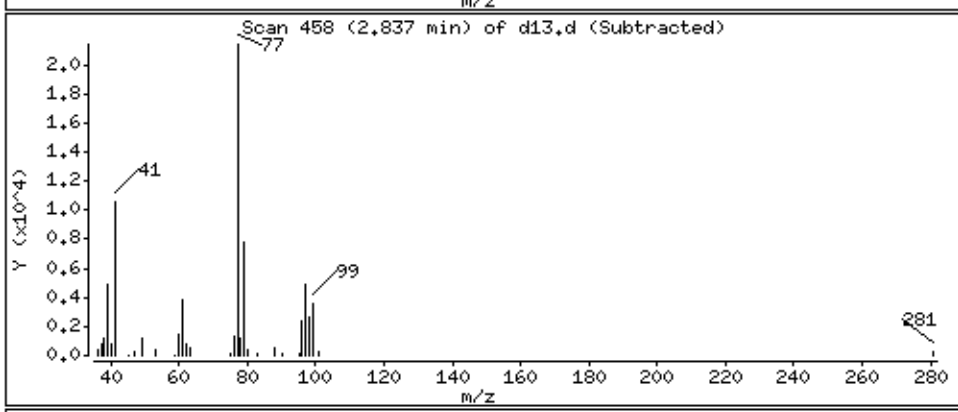
Column diameter: 0.18

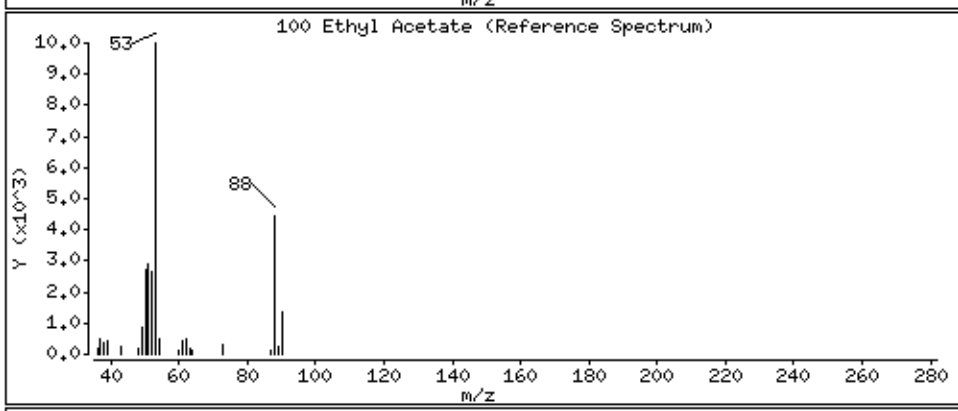
100 Ethyl Acetate

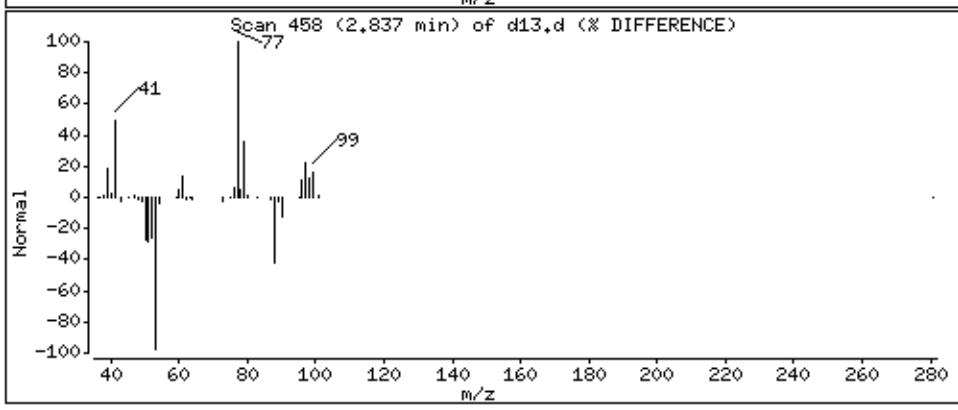
Concentration: 37.5 ppb

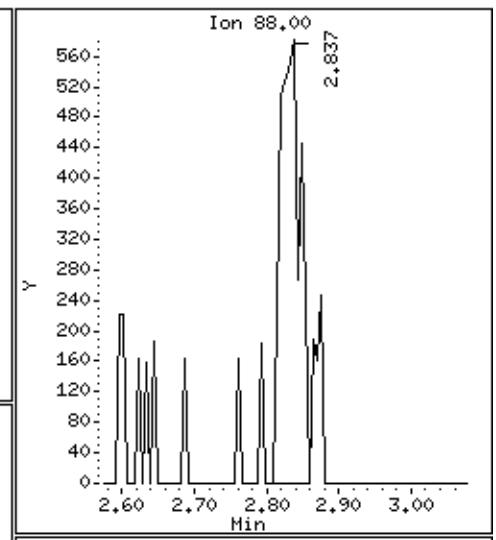
Review Code:

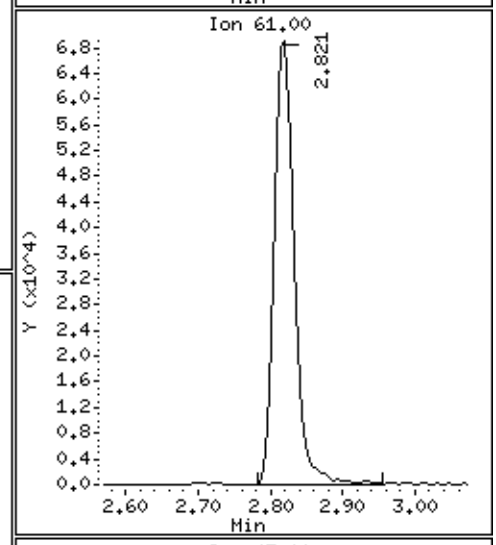


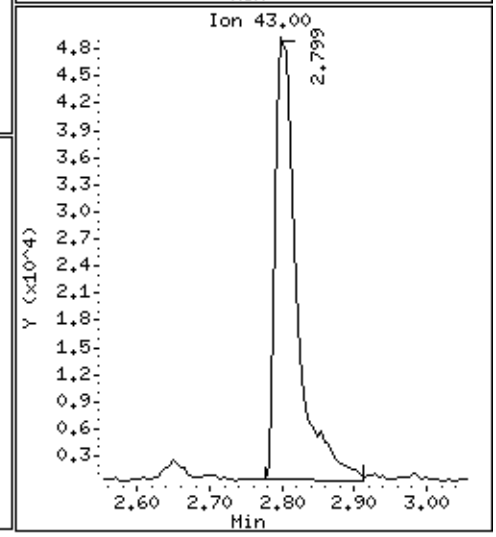












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b\d13.d

Date : 06-OCT-2017 05:03

Client ID: MW-0501-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1882371,159793:5

Purge Volume: 5.0

Operator: jlz

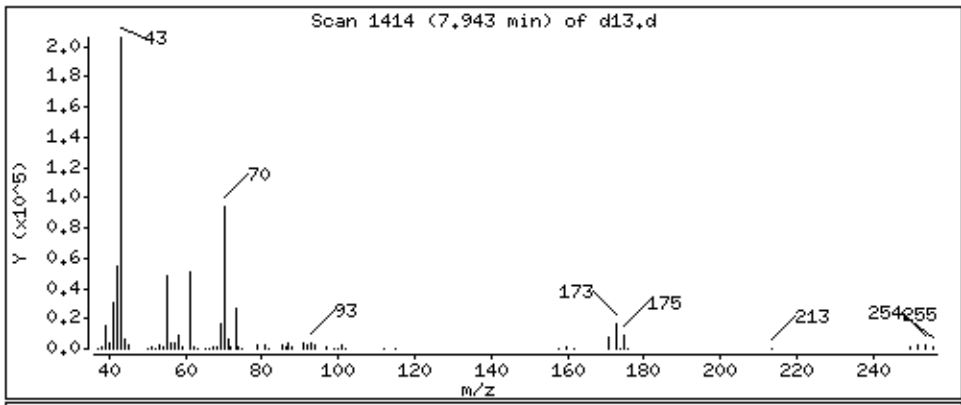
Column phase: DB-624

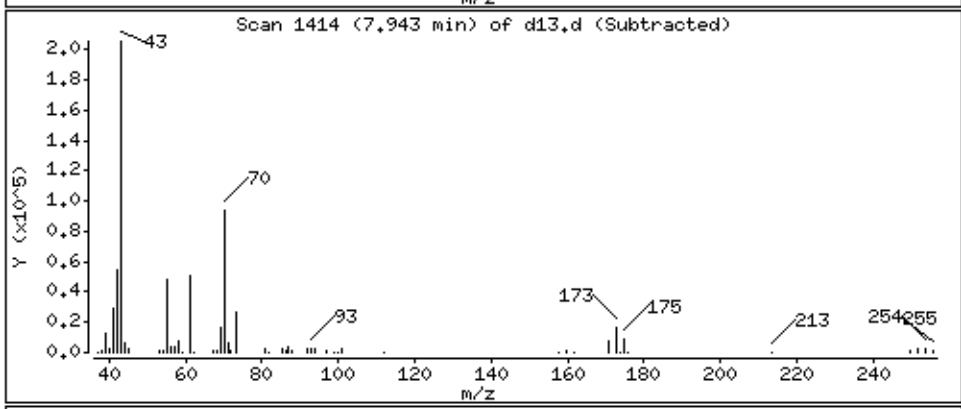
Column diameter: 0.18

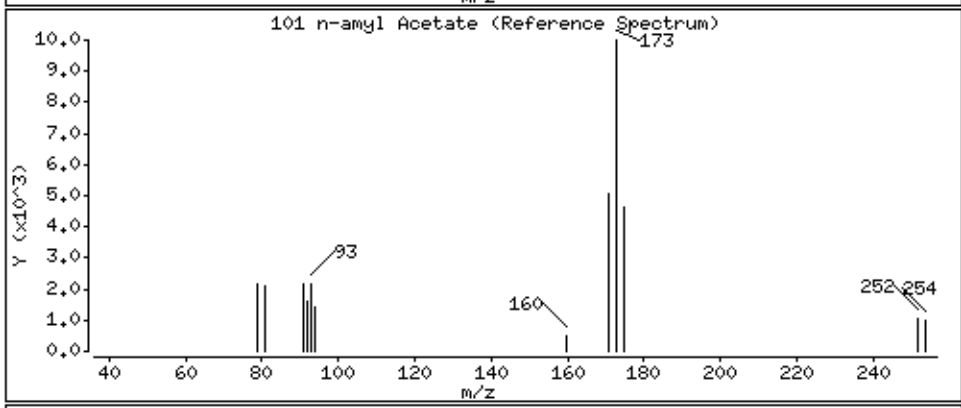
101 n-amyl Acetate

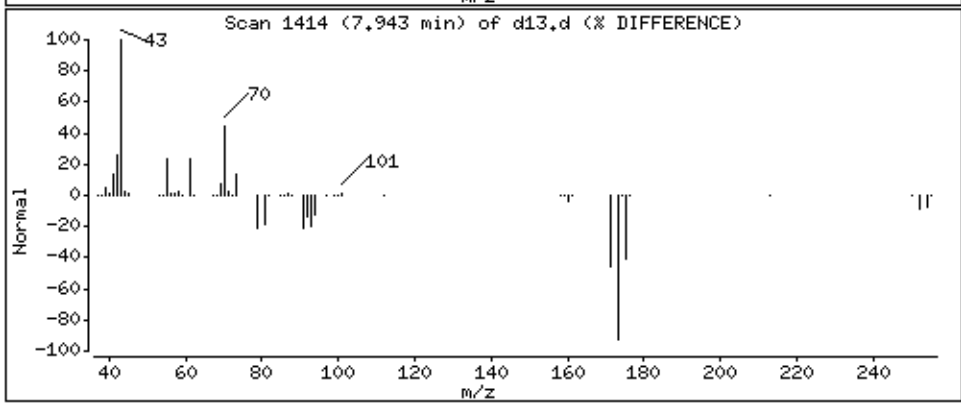
Concentration: 26.6 ppb

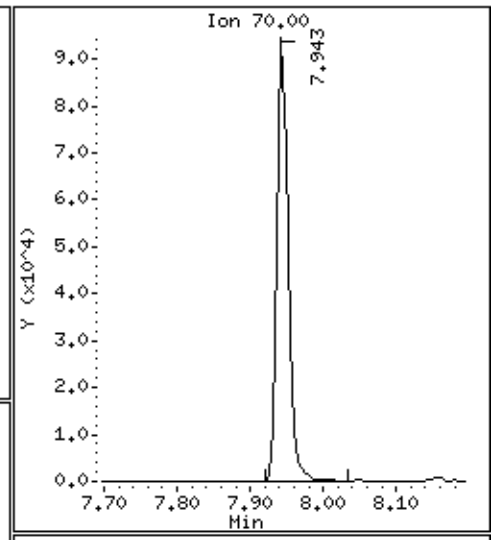
Review Code:

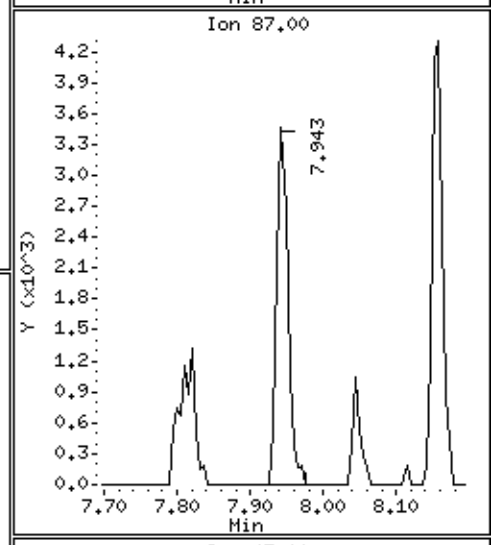


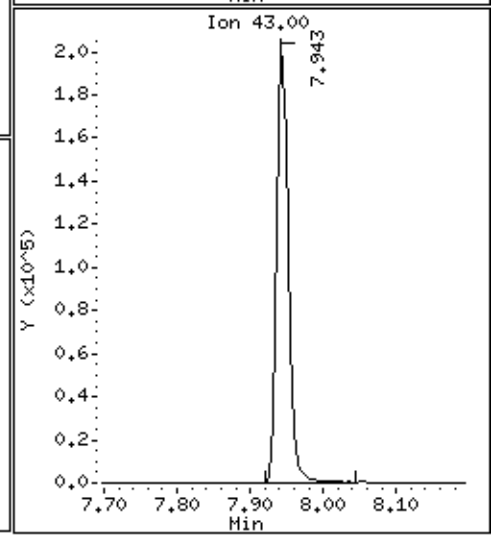












Data File: \\192.168.50.6\chem\50mv3b.i\b100517.b/d13.d
Injection Date: 06-OCT-2017 05:03
Instrument: 50mv3b.i
Lab Sample ID: 1882371
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

BLANK

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 12:57 Lab Sample ID: 1884798

Date Analyzed: 10/10/2017 12:57 Lab File ID: B101017.B\B03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

BLANK

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 12:57 Lab Sample ID: 1884798

Date Analyzed: 10/10/2017 12:57 Lab File ID: B101017.B\B03MBW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d
Lab Smp Id: 1884798 Client Smp ID: MB
Inj Date : 10-OCT-2017 12:57
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1884798
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 8 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
$ 35 Dibromofluoromethane (S)	113	3.334	3.334	(0.801)	64125	47.8732	47.9	
* 44 Fluorobenzene (IS)	96	4.161	4.162	(1.000)	278144	50.0000		
$ 55 Toluene-d8 (S)	98	6.009	6.010	(0.819)	281913	47.8436	47.8	
56 Toluene	91	6.084	6.084	(0.830)	1697	0.20123	0.201	
* 65 Chlorobenzene-D5 (IS)	117	7.334	7.334	(1.000)	223229	50.0000		
68 Ethylbenzene	106	7.441	7.441	(1.015)	1054	0.30873	0.309(Q)	
69 m&p-Xylene	106	7.537	7.537	(1.028)	2484	0.60156	0.602	
$ 74 4-Bromofluorobenzene (S)	95	8.157	8.157	(1.112)	101014	45.6275	45.6	
84 1,2,4-Trimethylbenzene	105	8.632	8.627	(0.977)	2564	0.29005	0.290	
* 88 1,4-Dichlorobenzene-d4 (IS)	152	8.835	8.835	(1.000)	113783	50.0000		
89 1,4-Dichlorobenzene	146	8.851	8.846	(1.002)	1587	0.36527	0.365(Q)	
95 Naphthalene	128	9.994	9.994	(1.131)	5848	1.25873	1.26	
97 2,methyl-naphthalene	142	10.629	10.624	(1.203)	7435	2.80300	2.80	
98 1-Methylnaphthalene	142	10.736	10.736	(1.215)	6194	3.01513	3.02	

QC Flag Legend

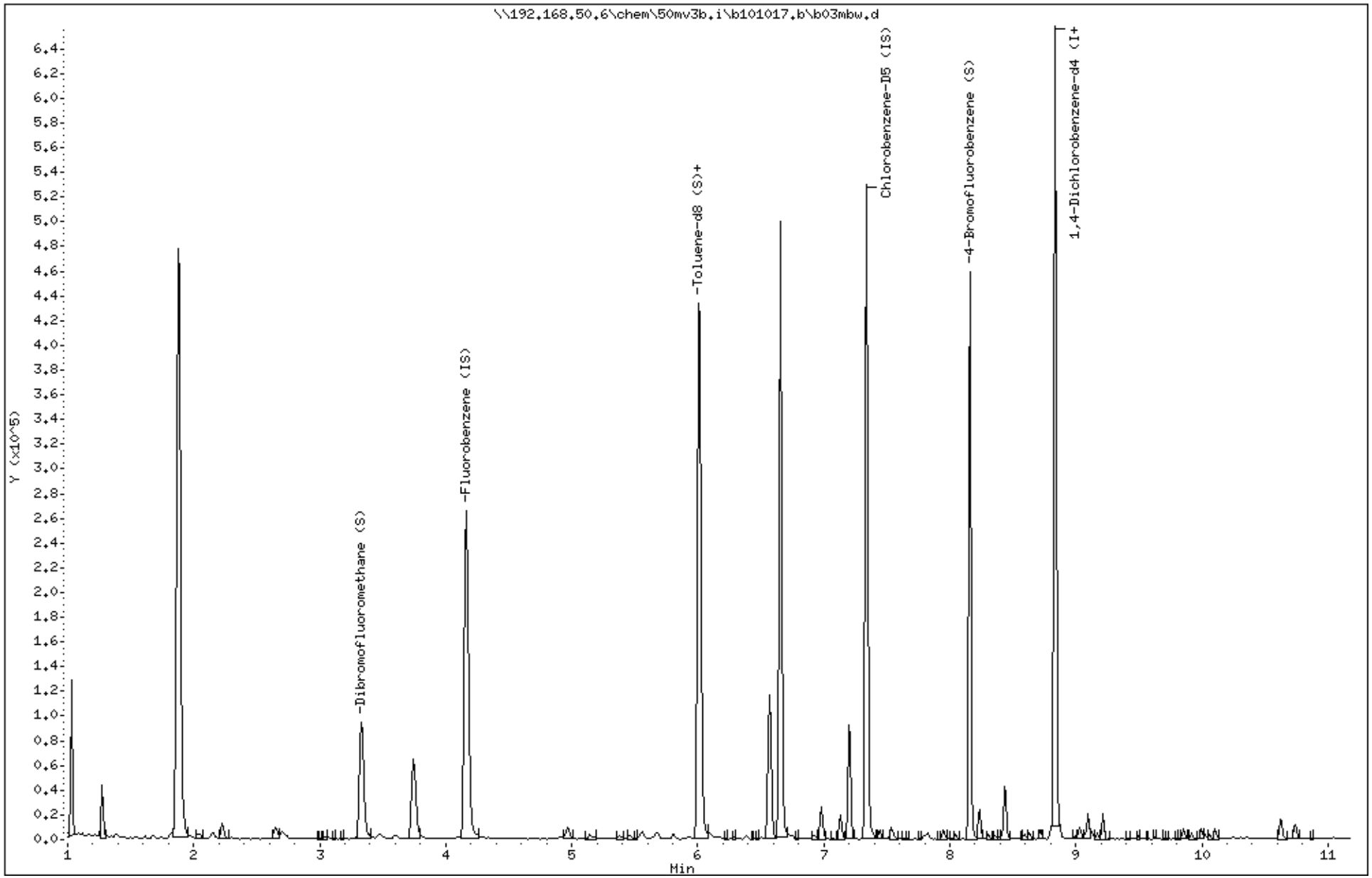
Q - Qualifier signal failed the ratio test.

Review Codes Legend

:

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d
Date : 10-OCT-2017 12:57
Client ID: MB
Sample Info: 1884798
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv3b.i
Operator: jlz
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

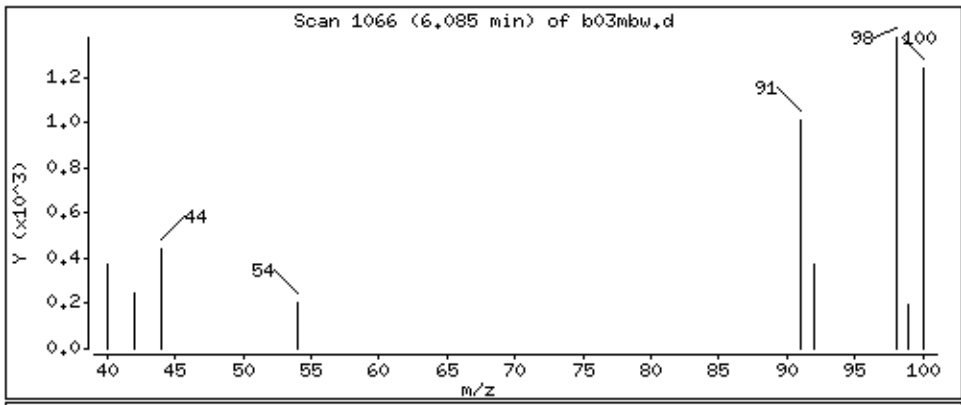
Column phase: DB-624

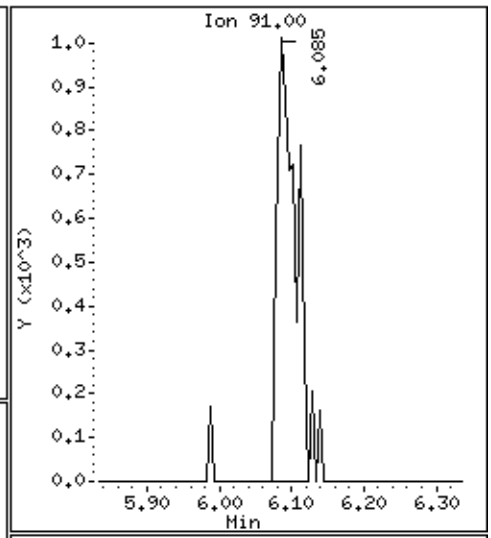
Column diameter: 0.18

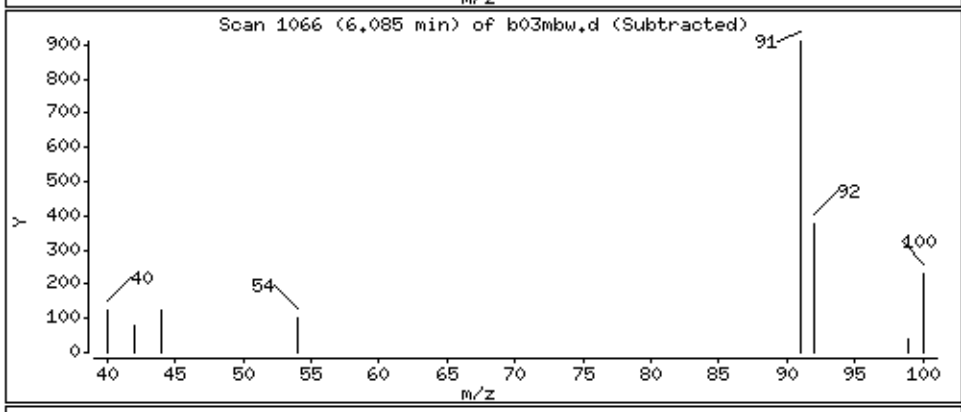
56 Toluene

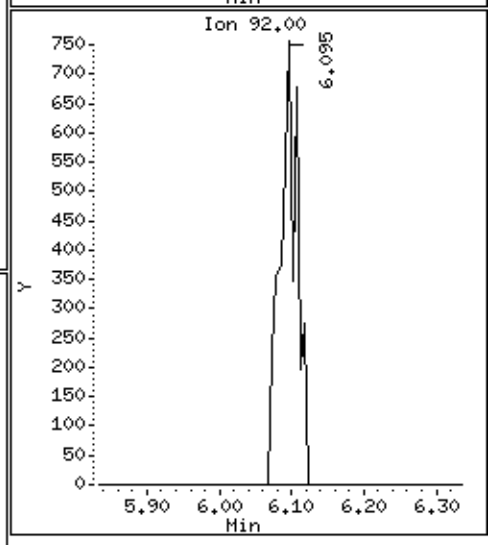
Concentration: 0.201 ppb

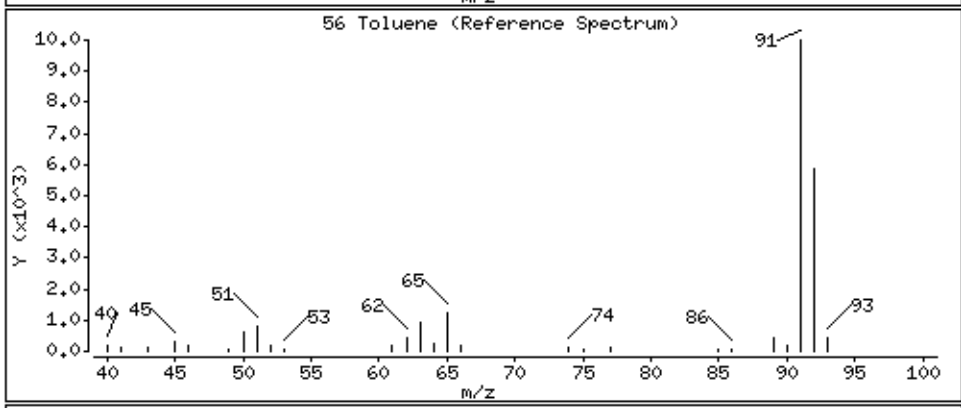
Review Code:

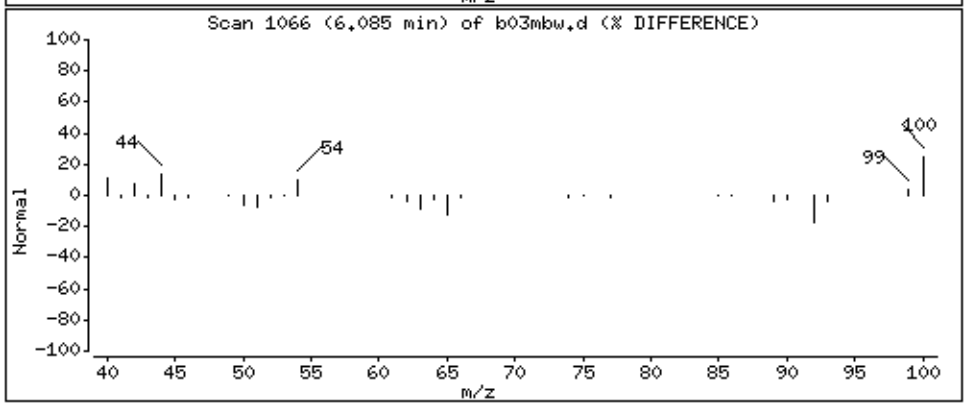












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

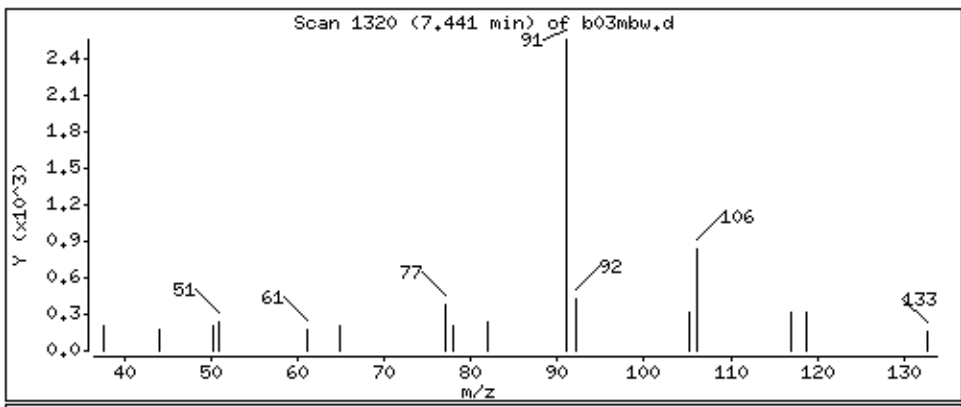
Column phase: DB-624

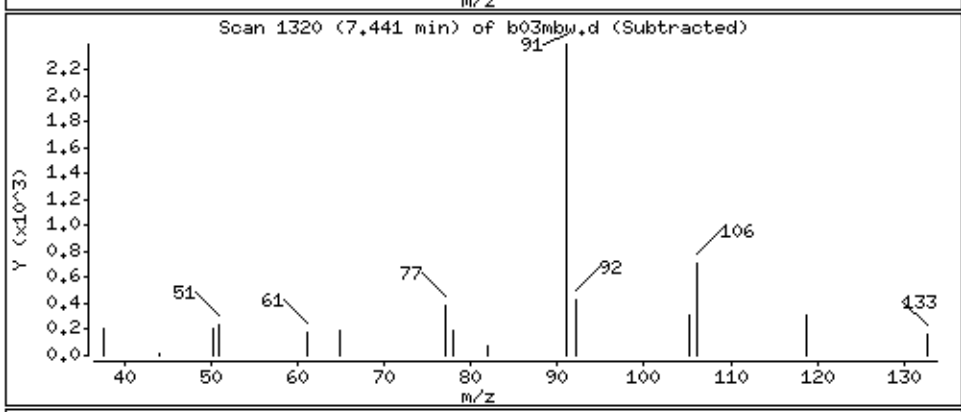
Column diameter: 0.18

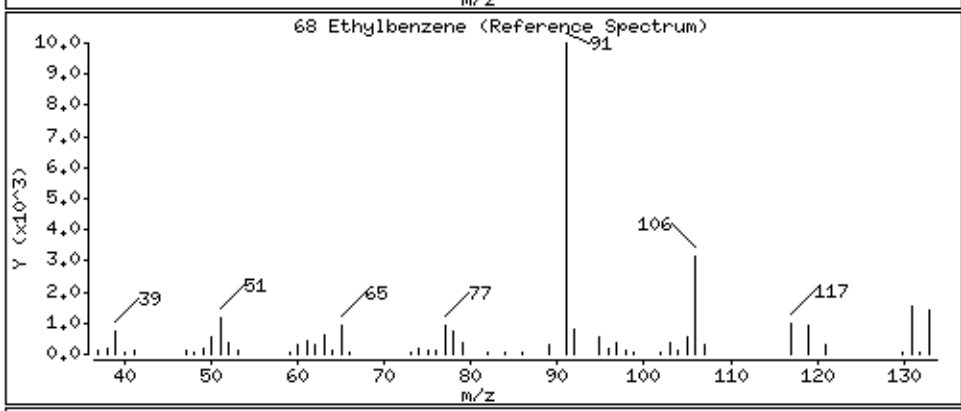
68 Ethylbenzene

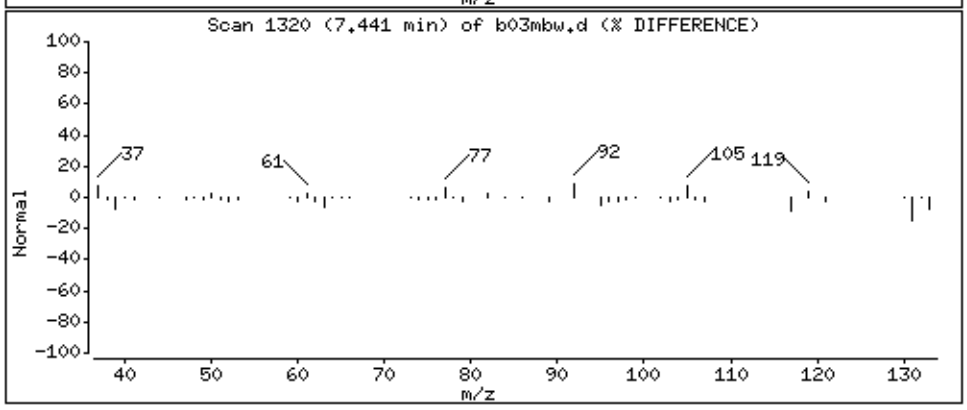
Concentration: 0.309 ppb

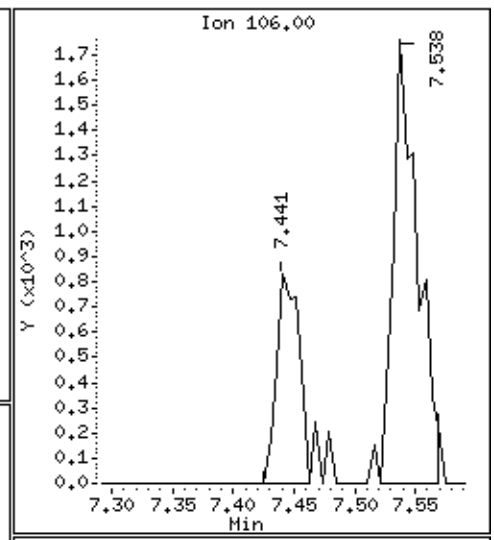
Review Code:

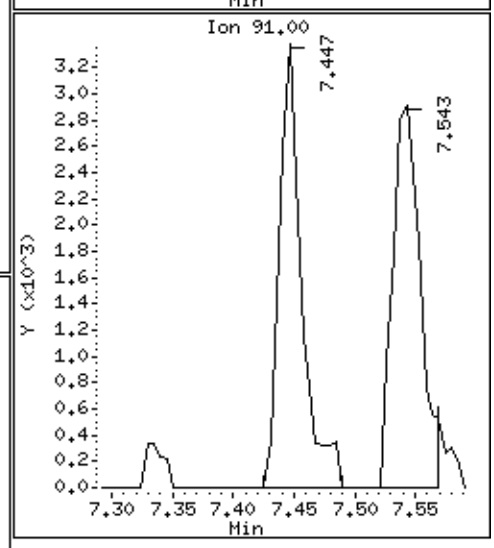












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

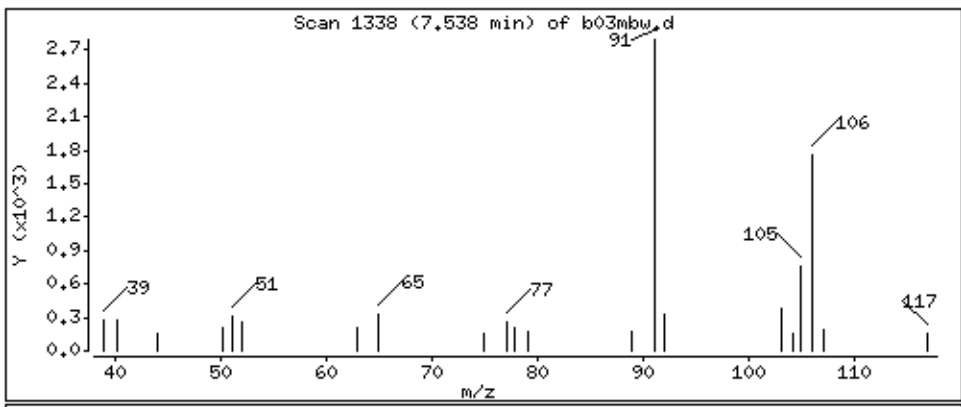
Column phase: DB-624

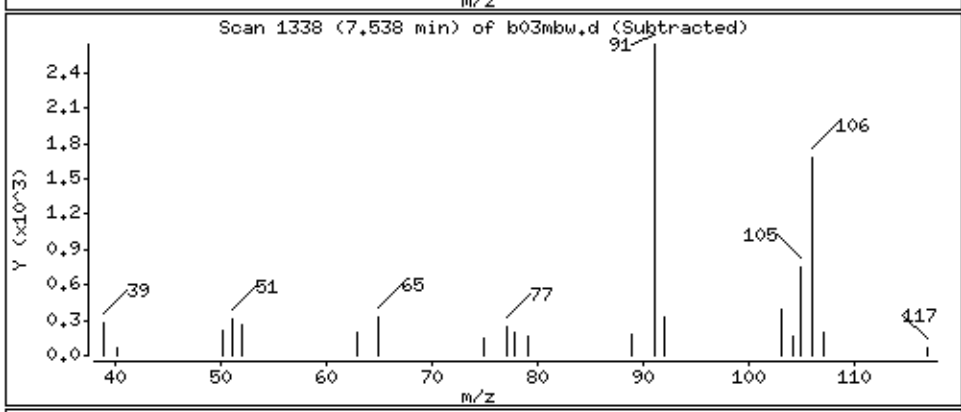
Column diameter: 0.18

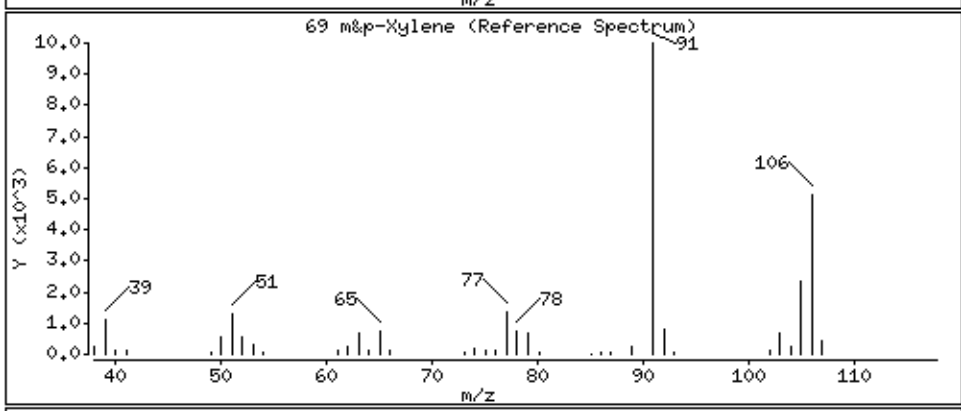
69 m&p-Xylene

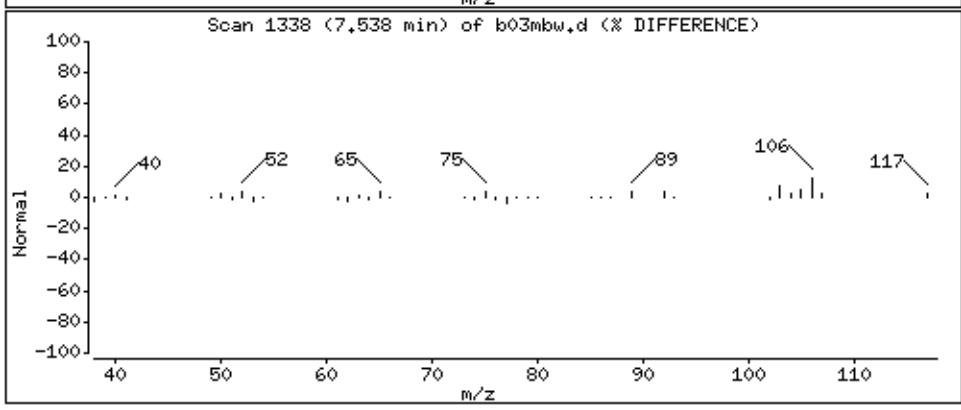
Concentration: 0.602 ppb

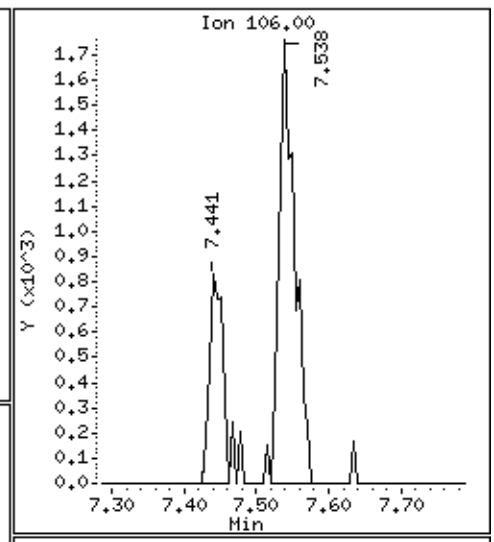
Review Code:

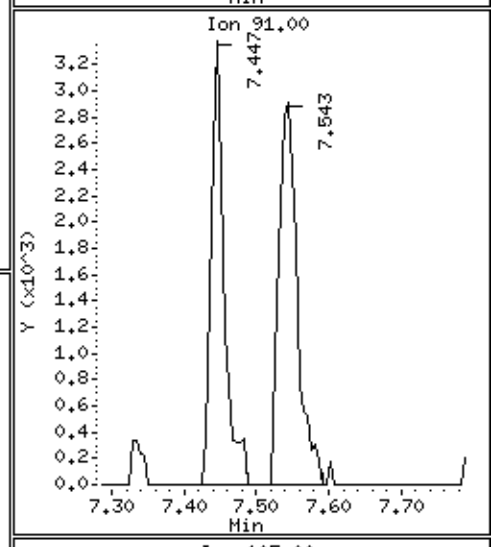


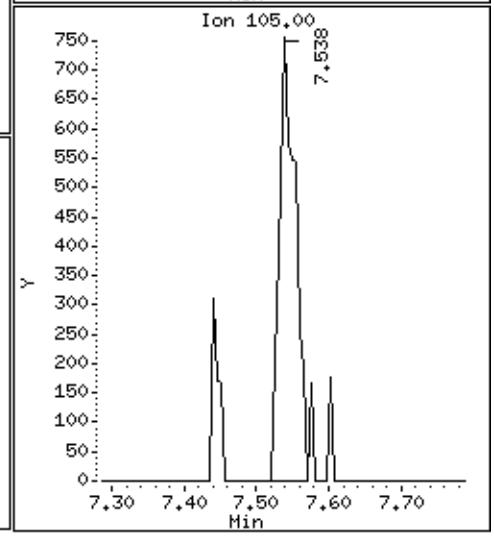












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

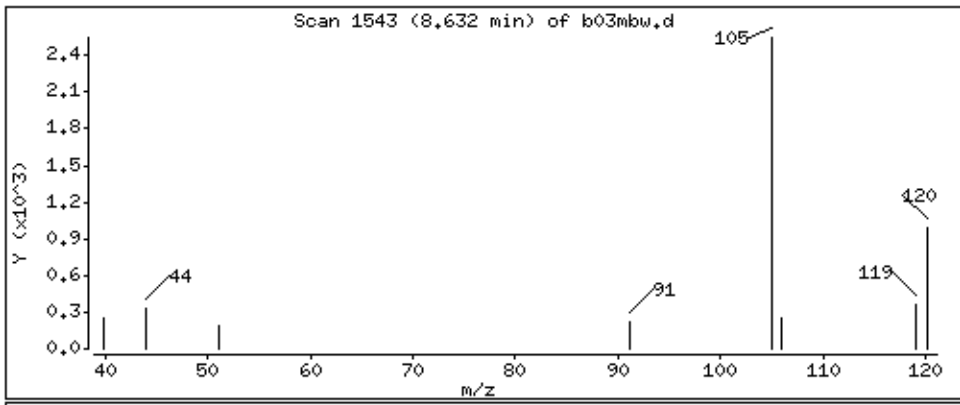
Column phase: DB-624

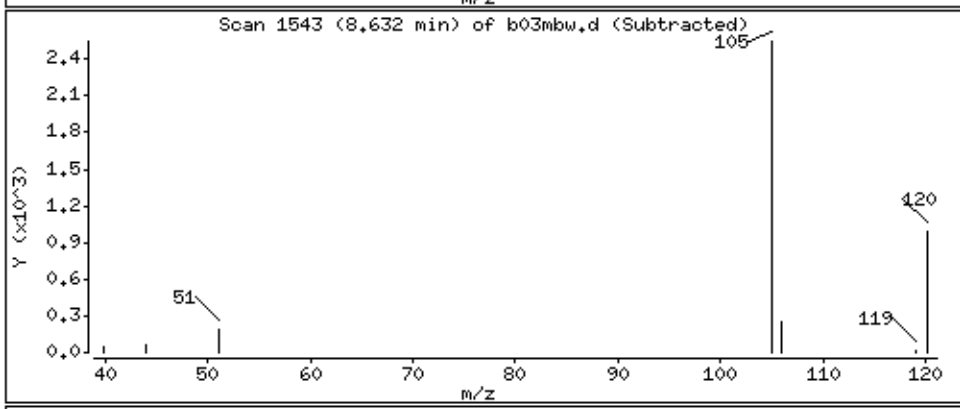
Column diameter: 0.18

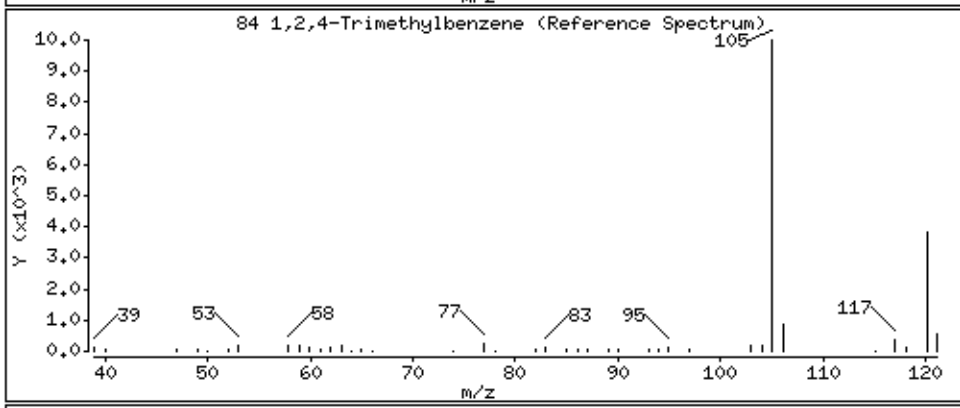
84 1,2,4-Trimethylbenzene

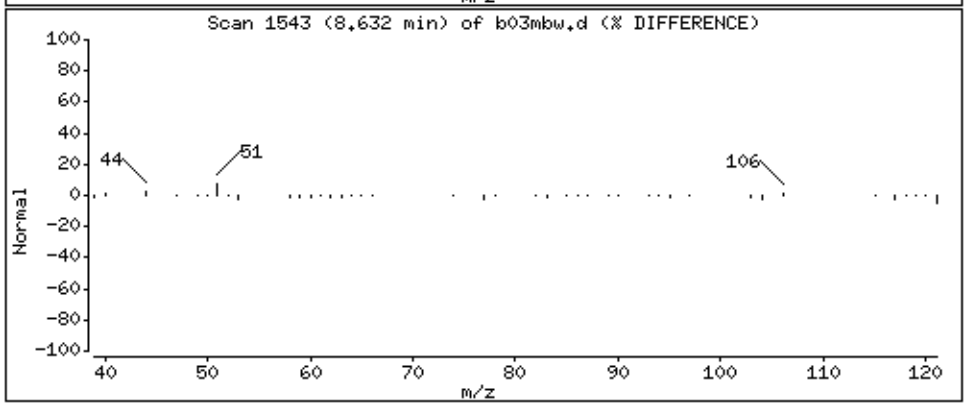
Concentration: 0.290 ppb

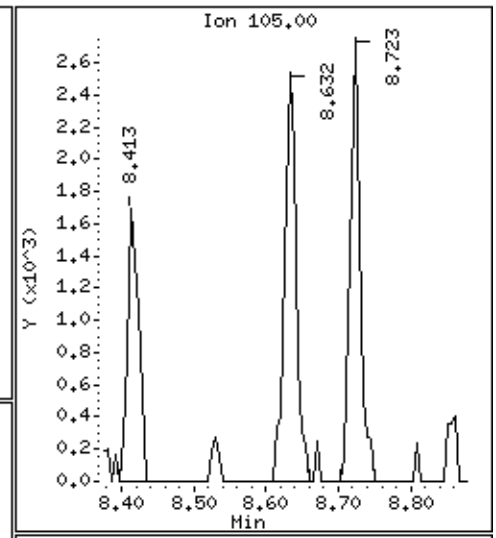
Review Code:

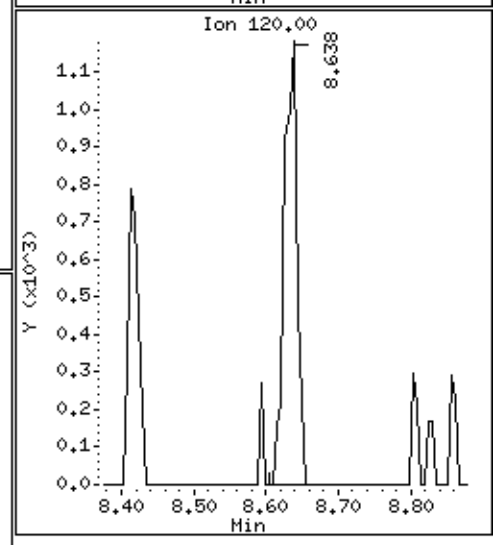












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

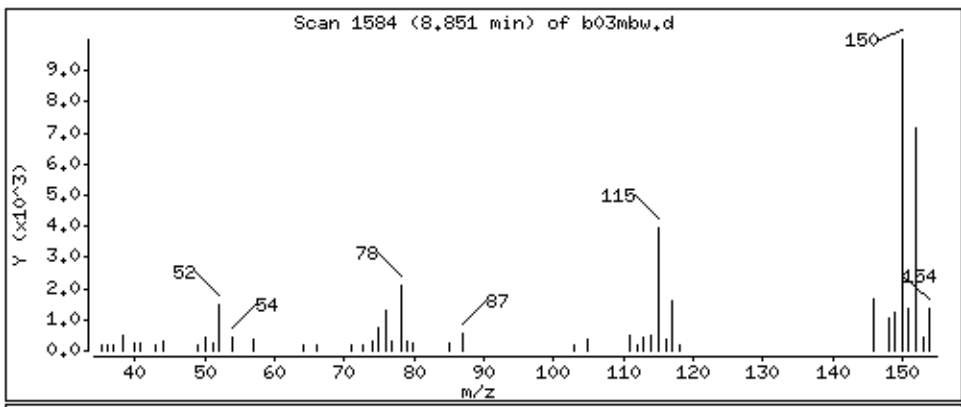
Column phase: DB-624

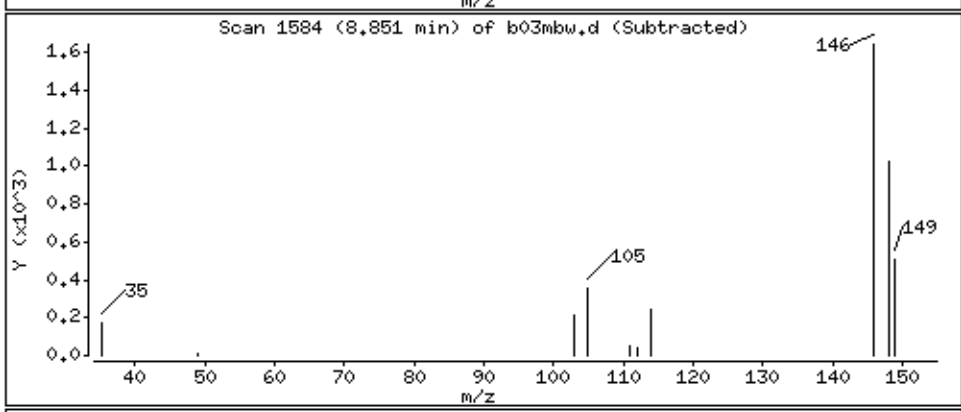
Column diameter: 0.18

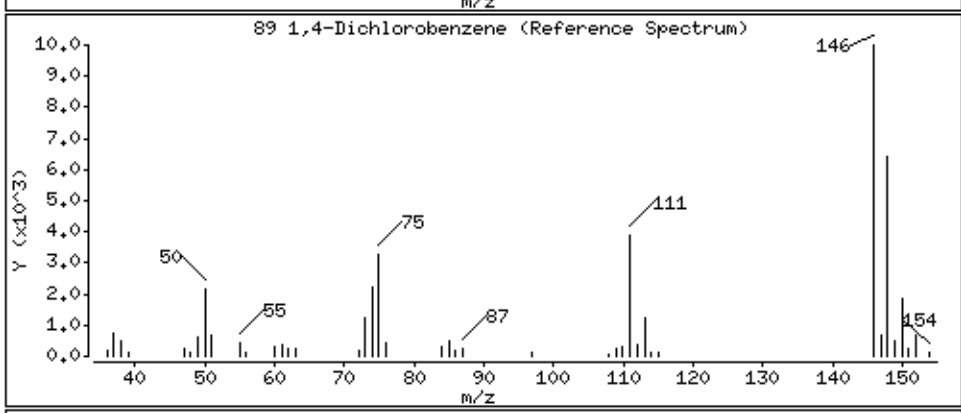
89 1,4-Dichlorobenzene

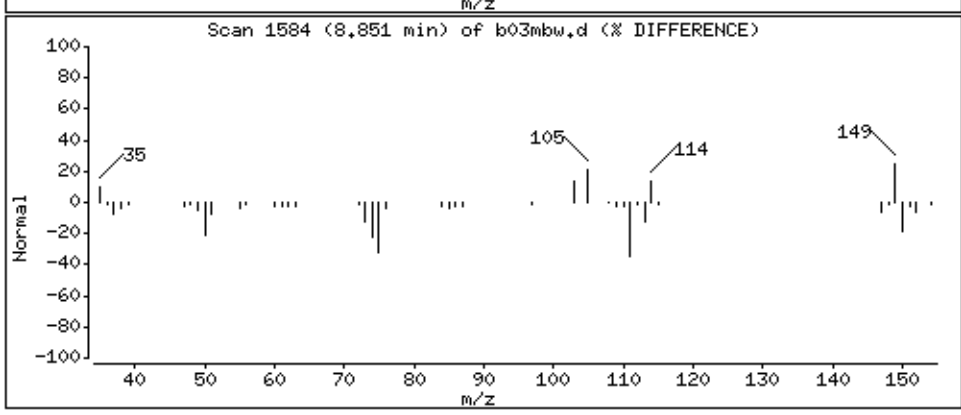
Concentration: 0.365 ppb

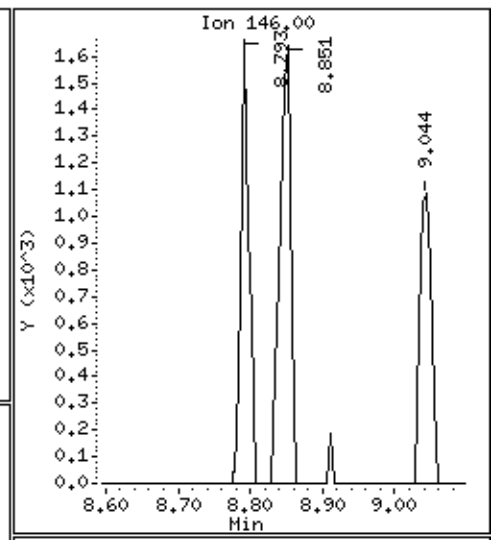
Review Code:

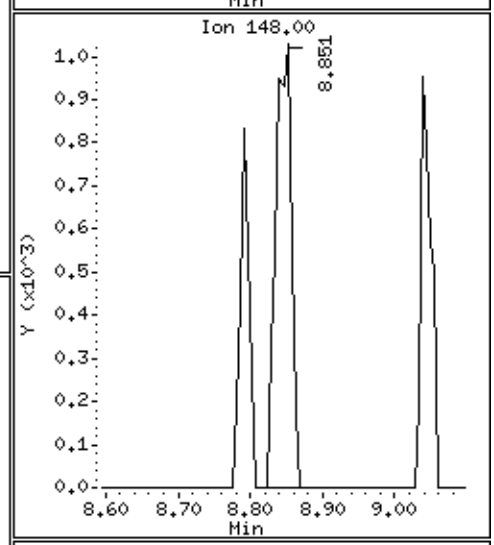


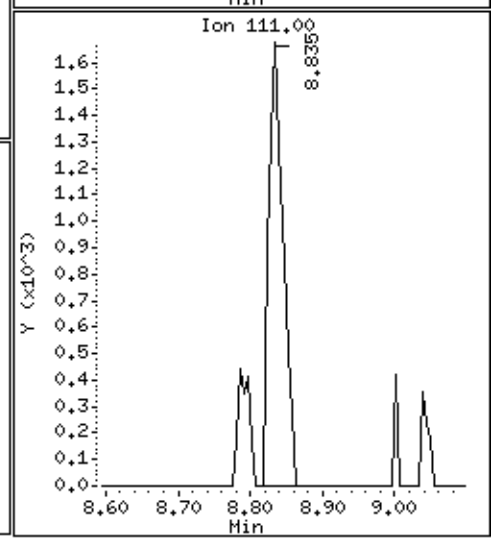












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

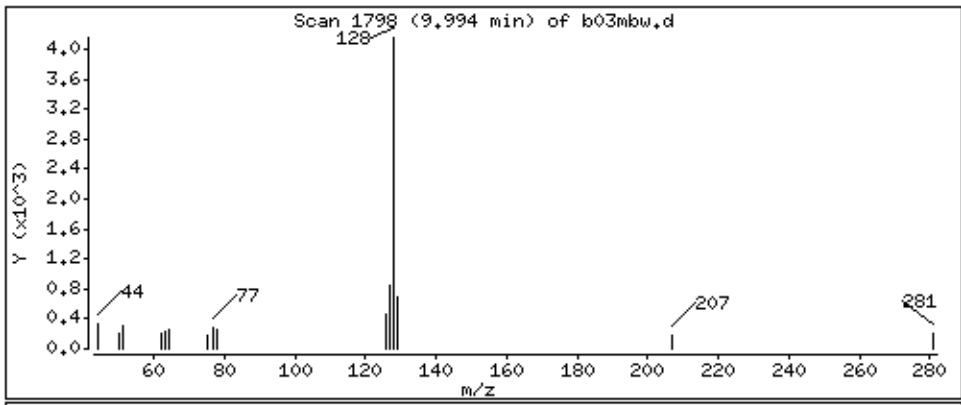
Column phase: DB-624

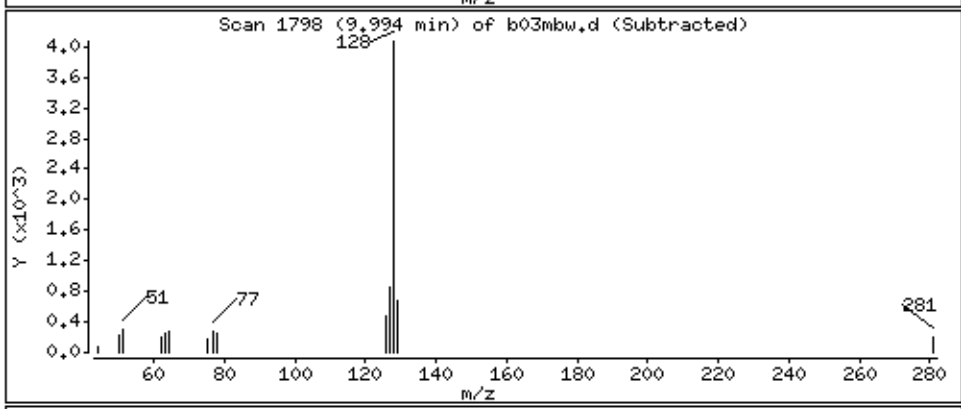
Column diameter: 0.18

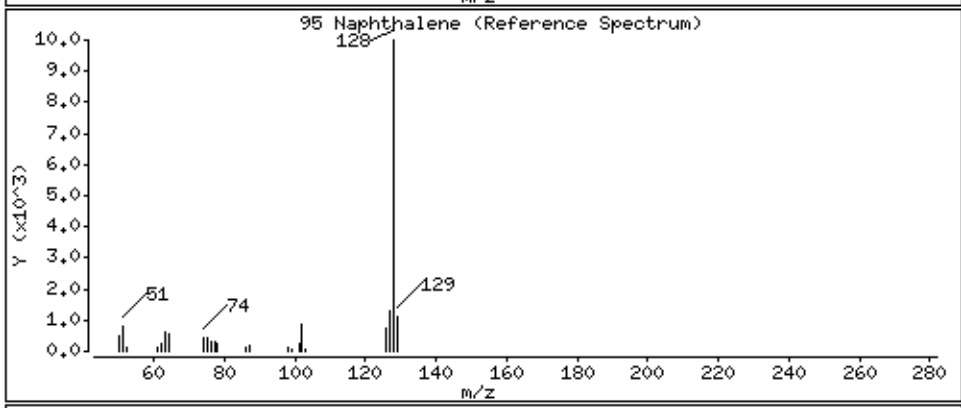
95 Naphthalene

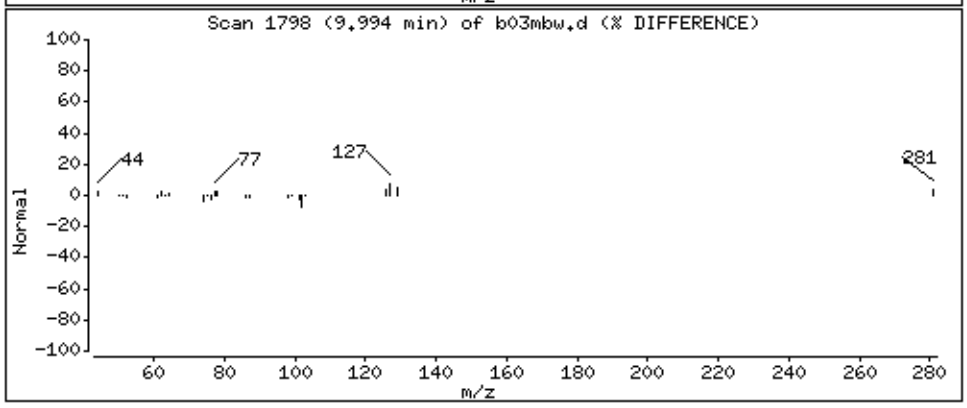
Concentration: 1.26 ppb

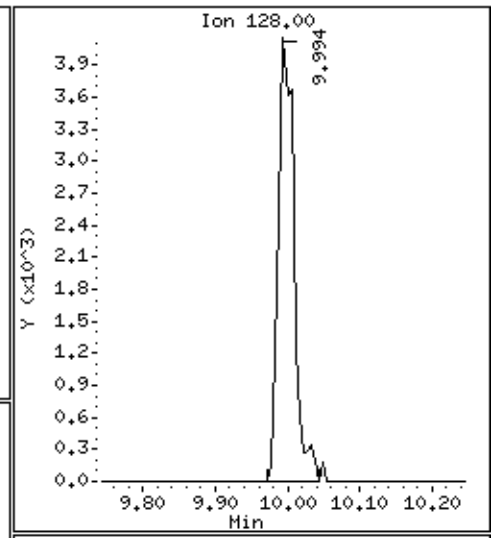
Review Code:

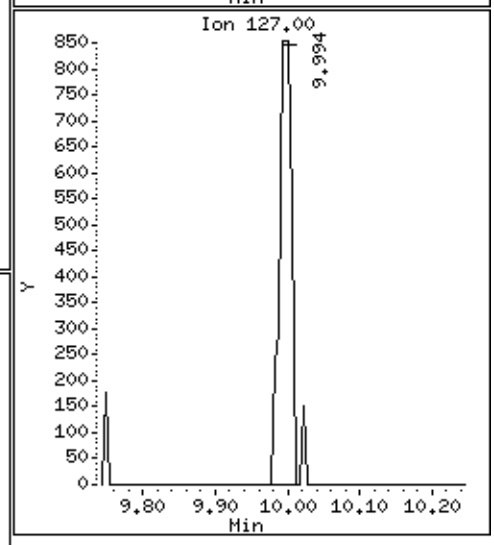












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b03mbw.d

Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

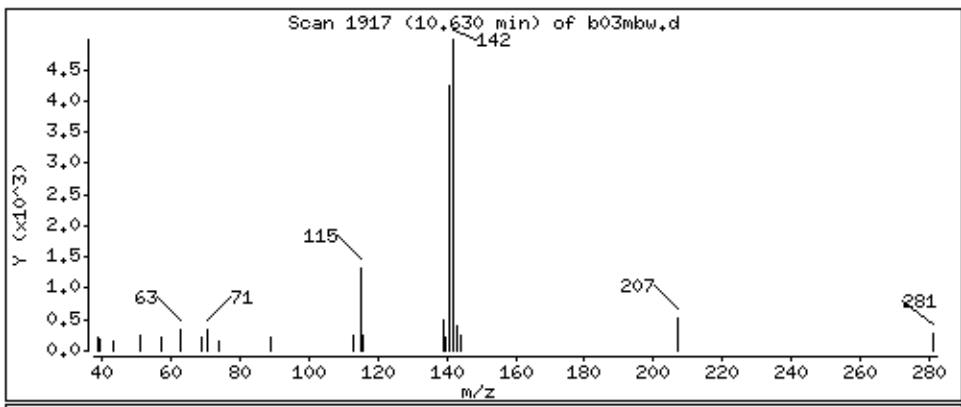
Column phase: DB-624

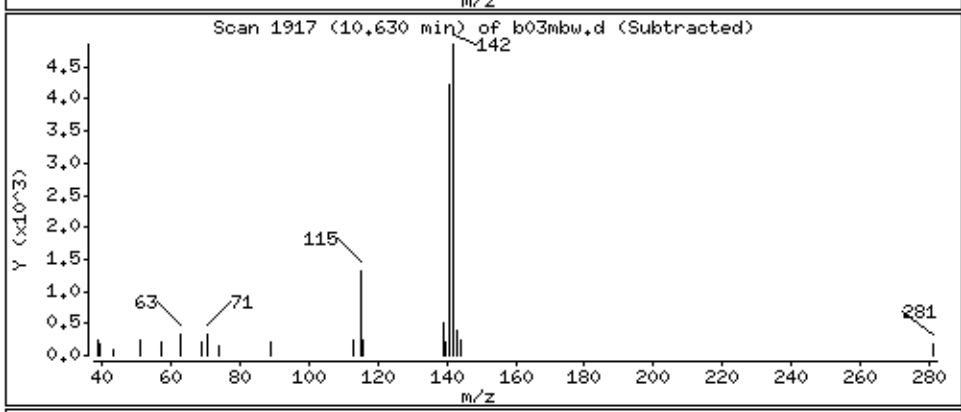
Column diameter: 0.18

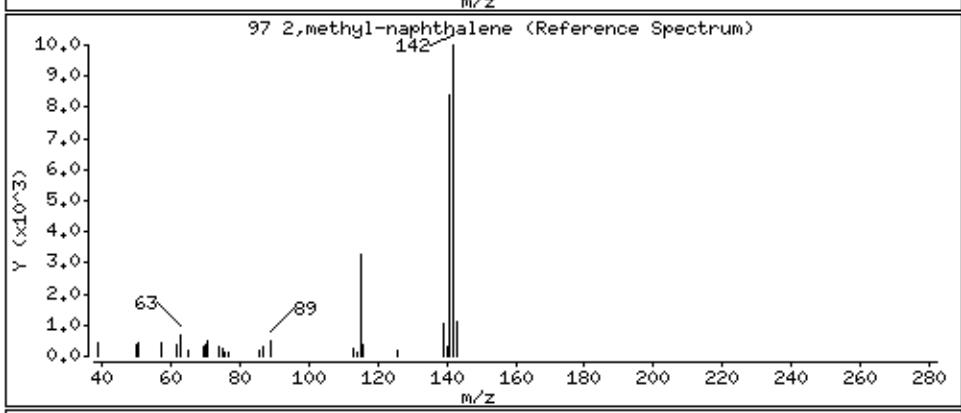
97 2,methyl-naphthalene

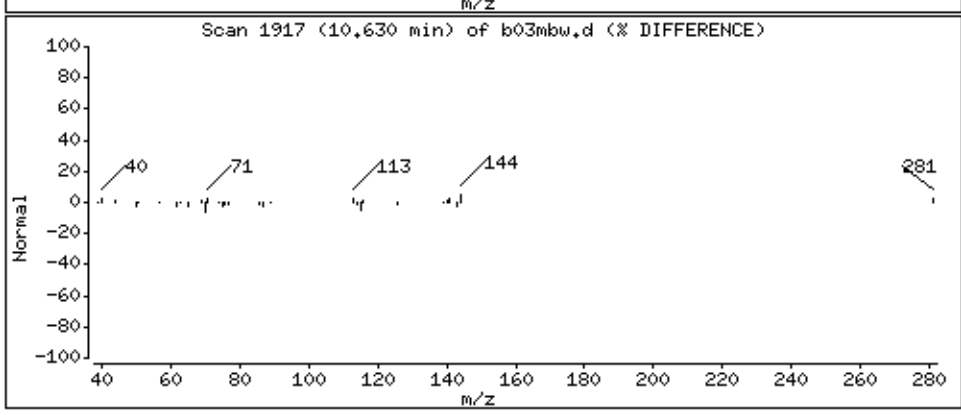
Concentration: 2.80 ppb

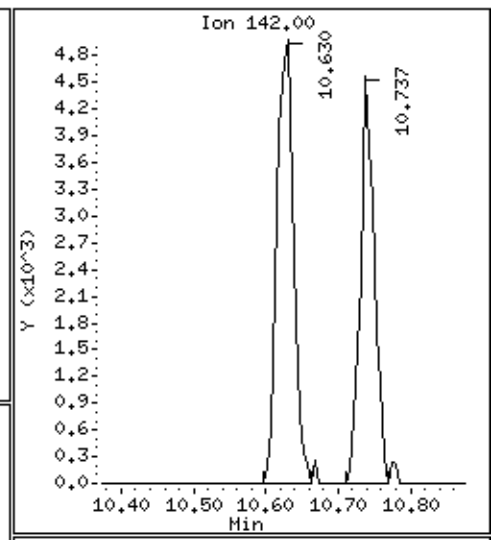
Review Code:

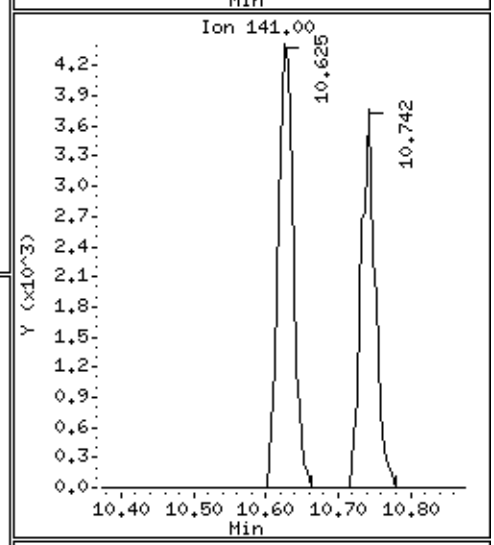


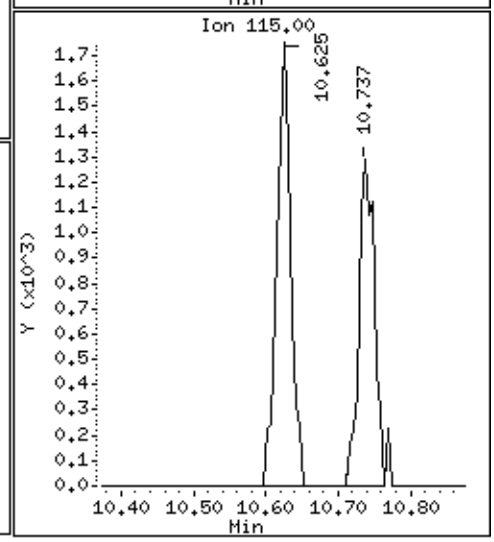












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Date : 10-OCT-2017 12:57

Client ID: MB

Instrument: 50mv3b.i

Sample Info: 1884798

Purge Volume: 5.0

Operator: jlz

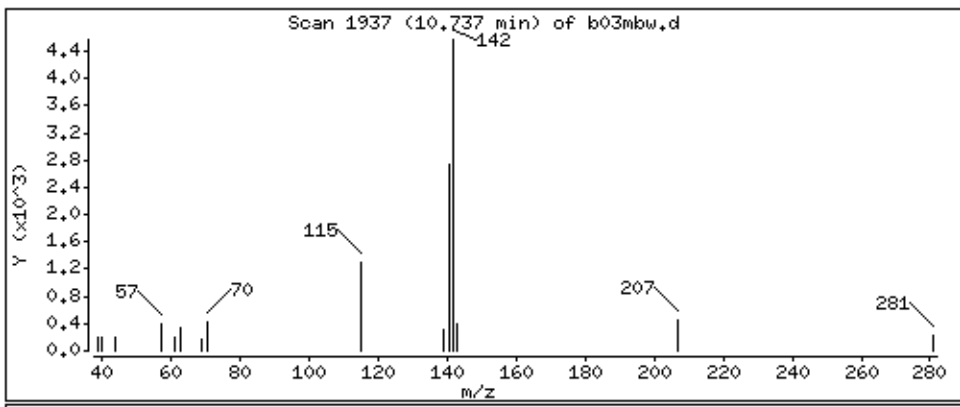
Column phase: DB-624

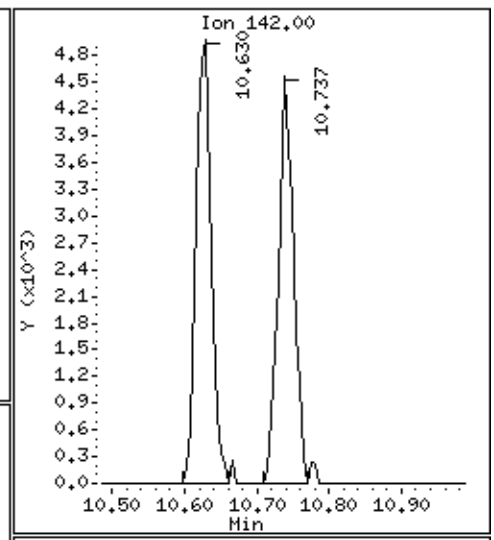
Column diameter: 0.18

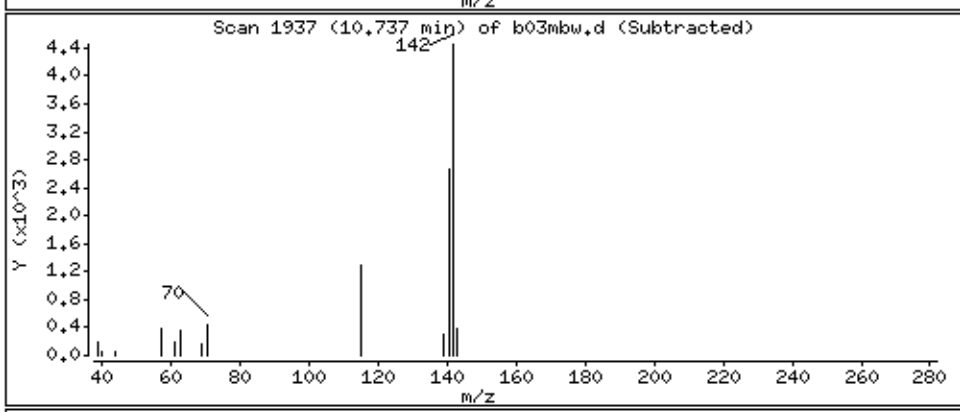
98 1-Methylnaphthalene

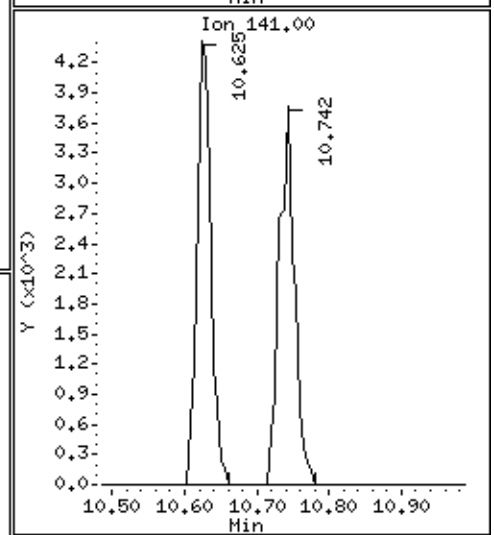
Concentration: 3.02 ppb

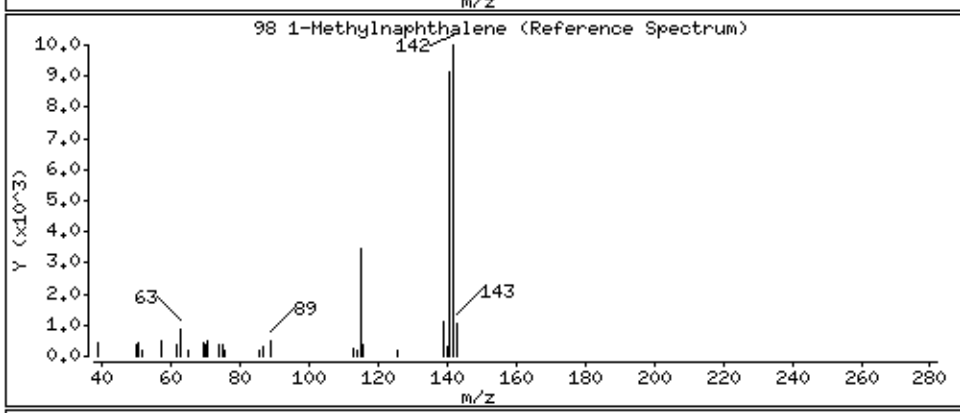
Review Code:

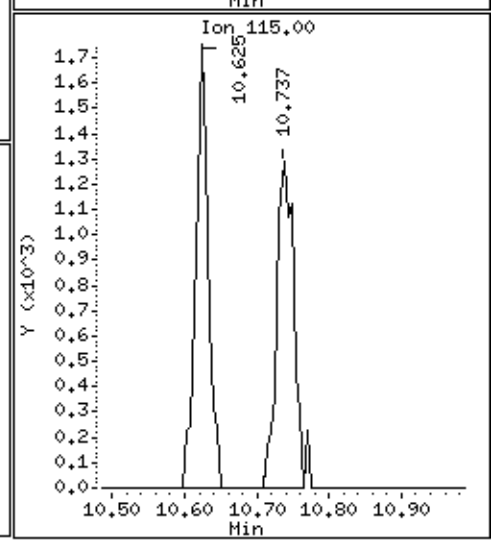


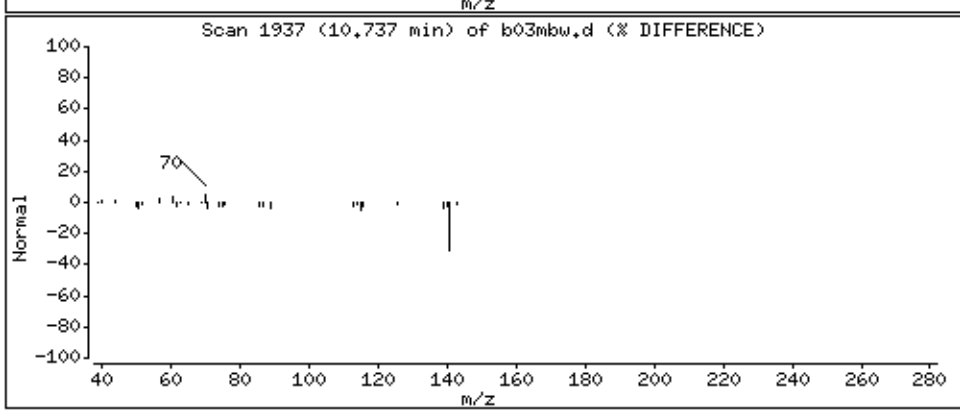












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Injection Date: 10-OCT-2017 12:57
Instrument: 50mv3b.i
Lab Sample ID: 1884798
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

LCS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 12:26 Lab Sample ID: 1884799

Date Analyzed: 10/10/2017 12:26 Lab File ID: B101017.B\B02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	226	
71-43-2	Benzene	45.6	
75-27-4	Bromodichloromethane	43.1	
75-25-2	Bromoform	42.4	
74-83-9	Bromomethane	32.4	
78-93-3	2-Butanone (MEK)	259	
75-15-0	Carbon disulfide	39.1	
56-23-5	Carbon tetrachloride	42.9	
108-90-7	Chlorobenzene	46.1	
75-00-3	Chloroethane	36.9	
67-66-3	Chloroform	42.3	
74-87-3	Chloromethane	29.9	
110-82-7	Cyclohexane	38.1	J
96-12-8	1,2-Dibromo-3-chloropropane	42.8	
124-48-1	Dibromochloromethane	47.3	
106-93-4	1,2-Dibromoethane (EDB)	45.8	
95-50-1	1,2-Dichlorobenzene	47.4	
541-73-1	1,3-Dichlorobenzene	45.4	
106-46-7	1,4-Dichlorobenzene	43.7	
75-71-8	Dichlorodifluoromethane	26.8	
75-34-3	1,1-Dichloroethane	40.6	
107-06-2	1,2-Dichloroethane	38.6	
75-35-4	1,1-Dichloroethene	41.8	
156-59-2	cis-1,2-Dichloroethene	43.8	
156-60-5	trans-1,2-Dichloroethene	44.0	
78-87-5	1,2-Dichloropropane	44.0	
10061-01-5	cis-1,3-Dichloropropene	43.4	
10061-02-6	trans-1,3-Dichloropropene	43.0	
100-41-4	Ethylbenzene	42.4	
591-78-6	2-Hexanone	218	
98-82-8	Isopropylbenzene (Cumene)	45.1	
79-20-9	Methyl acetate	79.0	
108-87-2	Methylcyclohexane	40.6	J
75-09-2	Methylene Chloride	50.9	
108-10-1	4-Methyl-2-pentanone (MIBK)	198	
1634-04-4	Methyl-tert-butyl ether	38.9	
100-42-5	Styrene	42.0	

SAMPLE NO.

LCS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 12:26 Lab Sample ID: 1884799

Date Analyzed: 10/10/2017 12:26 Lab File ID: B101017.B\B02LCSW.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	40.3	
127-18-4	Tetrachloroethene	47.0	
108-88-3	Toluene	44.2	
120-82-1	1,2,4-Trichlorobenzene	45.9	
71-55-6	1,1,1-Trichloroethane	40.5	
79-00-5	1,1,2-Trichloroethane	40.3	
79-01-6	Trichloroethene	44.3	
75-69-4	Trichlorofluoromethane	41.9	
76-13-1	1,1,2-Trichlorotrifluoroethane	40.9	
75-01-4	Vinyl chloride	35.2	
1330-20-7	Xylene (Total)	129	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d
Lab Smp Id: 1884799
Inj Date : 10-OCT-2017 12:26
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1884799,159793:5
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.916	0.920	(0.220)	58420	26.8363	26.8	
2	Chloromethane	50	0.996	1.000	(0.239)	79308	29.9333	29.9	
3	Vinyl Chloride	62	1.044	1.048	(0.251)	95051	35.2070	35.2	
4	Bromomethane	94	1.188	1.192	(0.285)	38059	32.3780	32.4	
5	Chloroethane	64	1.236	1.235	(0.297)	61922	36.8580	36.8	
6	Trichlorofluoromethane	101	1.348	1.352	(0.324)	124794	41.8710	41.9	
7	Diethyl ether	74	1.471	1.475	(0.353)	32392	39.7034	39.7	
8	1,2-dichlorotrifluoroethane	67	1.487	1.491	(0.357)	98803	37.5794	37.6	
9	Acrolein	56	1.541	1.545	(0.370)	172266	1211.59	1210	
10	1,1,2trichlorotrifluoroethane	101	1.599	1.598	(0.384)	87762	40.9407	40.9	
11	1,1-Dichloroethene	96	1.599	1.603	(0.384)	71425	41.7546	41.8	
12	Acetone	43	1.610	1.609	(0.387)	58465	226.042	226	
13	Iodomethane	142	1.685	1.689	(0.405)	149421	77.3693	77.4	
14	Carbon Disulfide	76	1.738	1.737	(0.418)	240508	39.0943	39.1	
15	Methyl Acetate	43	1.781	1.780	(0.428)	54069	79.0457	79.0	
16	allyl chloride	41	1.797	1.796	(0.432)	229912	86.3247	86.3	
17	Acetonitrile	39	1.797	1.796	(0.432)	149268	37.5052	37.5	
18	Methylene Chloride	84	1.872	1.870	(0.450)	81151	50.9021	50.9	
19	tert-Butyl Alcohol	59	1.909	1.913	(0.459)	7983	70.8135	70.8(Q)	
20	Acrylonitrile	53	2.005	2.004	(0.482)	47131	160.471	160	
21	Methyl-tert-butyl ether	73	2.032	2.031	(0.488)	144346	38.8675	38.9	
22	1,2-Dichloroethene (trans)	96	2.043	2.041	(0.491)	82800	43.9920	44.0	
23	n-Hexane	57	2.224	2.228	(0.534)	140211	38.5367	38.5	

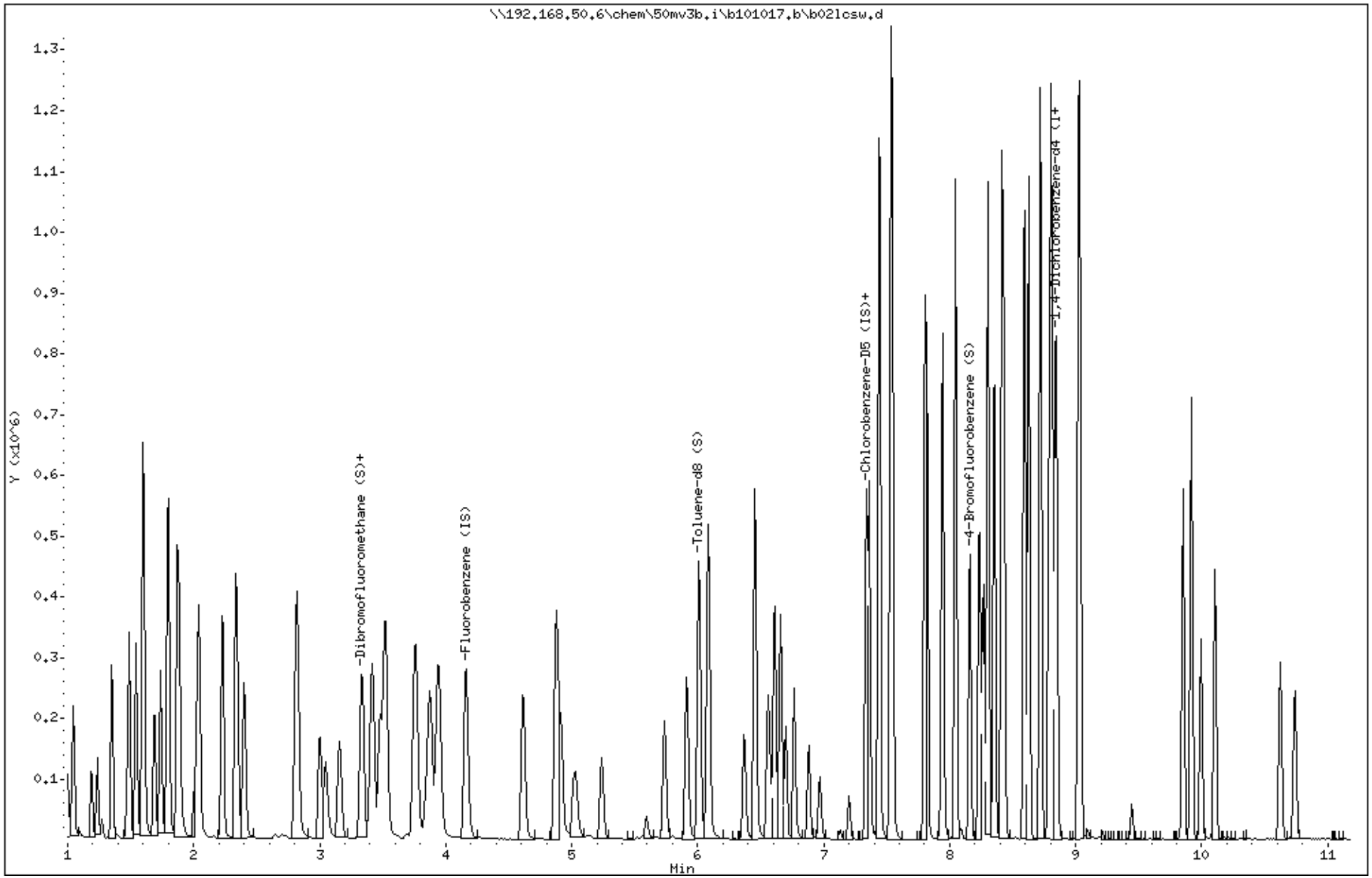
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.331	2.335	(0.560)	362454	162.118	162	
	25 1,1-Dichloroethane	63	2.342	2.346	(0.563)	133683	40.6329	40.6	
	26 Chloroprene	53	2.401	2.399	(0.577)	122370	37.9476	37.9	
	27 2-Butanone	72	2.801	2.805	(0.673)	21542	259.212	259(Q)	
	28 1,2-Dichloroethene (cis)	96	2.817	2.816	(0.677)	86586	43.7890	43.8(Q)	
	29 2,2-Dichloropropane	77	2.822	2.821	(0.678)	115351	37.8425	37.8	
	31 Methacrylonitrile	41	3.004	3.008	(0.722)	89871	173.694	174	
	32 Bromochloromethane	49	3.047	3.051	(0.732)	51142	43.8630	43.9	
	33 Tetrahydrofuran	42	3.074	3.077	(0.738)	7930	30.1917	30.2	
	34 Chloroform	83	3.159	3.158	(0.759)	133728	42.2750	42.3	
$	35 Dibromofluoromethane (S)	113	3.330	3.334	(0.800)	65679	47.1888	47.2	
	36 1,1,1-Trichloroethane	97	3.335	3.334	(0.801)	129432	40.5374	40.5	
	37 Cyclohexane	56	3.415	3.419	(0.820)	152933	38.1055	38.1	
	151 n-Butyl chloride	56	3.479	3.478	(0.836)	174065	42.0680	42.1	
	38 Carbon Tetrachloride	117	3.517	3.515	(0.845)	117295	42.8917	42.9	
	39 1,1-Dichloropropene	75	3.522	3.526	(0.846)	116282	41.9960	42.0	
	40 Benzene	78	3.763	3.761	(0.904)	321810	45.6494	45.6	
	41 1,2-Dichloroethane	62	3.843	3.847	(0.923)	69590	38.6176	38.6	
	42 Isobutyl alcohol	43	3.875	3.879	(0.931)	353902	46.9313	46.9	
	43 2,2,4-Trimethylpentane	57	3.939	3.943	(0.946)	352766	42.6990	42.7	
*	44 Fluorobenzene (IS)	96	4.163	4.162	(1.000)	289016	50.0000		
	45 Trichloroethene	95	4.612	4.610	(1.108)	86143	44.2564	44.2	
	46 Methylcyclohexane	55	4.879	4.877	(1.172)	128163	40.5739	40.6	
	47 1,2-Dichloropropane	63	4.916	4.915	(1.181)	73253	43.9971	44.0	
	48 Methyl methacrylate	69	5.034	5.032	(1.209)	29221	44.3977	44.4	
	49 Dibromomethane	93	5.018	5.016	(1.205)	31200	44.0216	44.0	
	50 1,4-Dioxane	88	5.023	5.027	(1.207)	7123	766.877	767	
	51 Bromodichloromethane	83	5.242	5.241	(1.259)	89958	43.0827	43.1	
	52 2-Chloroethyl vinyl ether	63	5.600	5.593	(0.763)	15456	38.3665	38.4	
	53 cis-1,3-Dichloropropene	75	5.733	5.737	(0.782)	107835	43.4176	43.4	
	54 4-Methyl-2-Pentanone	43	5.910	5.908	(0.806)	166354	197.966	198	
$	55 Toluene-d8 (S)	98	6.011	6.010	(0.819)	294195	50.9179	50.9	
	56 Toluene	91	6.086	6.084	(0.830)	365536	44.2047	44.2	
	57 trans-1,3-Dichloropropene	75	6.369	6.368	(0.868)	84865	43.0106	43.0	
	58 Ethyl Methacrylate	69	6.454	6.458	(0.880)	250669	169.452	169	
	59 1,1,2-Trichloroethane	83	6.556	6.554	(0.894)	38799	40.3277	40.3	
	60 Tetrachloroethene	166	6.609	6.608	(0.901)	101078	47.0429	47.0	
	61 1,3-Dichloropropane	76	6.695	6.693	(0.913)	85985	46.9910	47.0	
	62 2-Hexanone	43	6.764	6.768	(0.922)	118624	217.917	218	
	63 Dibromochloromethane	129	6.882	6.880	(0.938)	63253	47.2522	47.2	
	64 1,2-Dibromoethane	107	6.967	6.966	(0.950)	47154	45.7952	45.8	
*	65 Chlorobenzene-D5 (IS)	117	7.336	7.334	(1.000)	218889	50.0000		
	66 Chlorobenzene	112	7.357	7.356	(1.003)	226061	46.0780	46.1	
	67 1,1,1,2-Tetrachloroethane	131	7.437	7.436	(1.014)	75860	45.5648	45.6	
	68 Ethylbenzene	106	7.443	7.441	(1.015)	142094	42.4467	42.4	
	69 m&p-Xylene	106	7.539	7.537	(1.028)	346249	85.5152	85.5	
	70 o-Xylene	106	7.800	7.799	(1.063)	160997	43.5245	43.5	
	71 Styrene	104	7.816	7.815	(1.066)	263401	42.0147	42.0	
	72 Bromoform	173	7.934	7.932	(0.898)	33087	42.3530	42.4	
	73 Isopropylbenzene	105	8.046	8.045	(1.097)	472692	45.1048	45.1	
$	74 4-Bromofluorobenzene (S)	95	8.158	8.157	(1.112)	103660	47.7510	47.8	
	75 Bromobenzene	77	8.233	8.232	(1.122)	131807	41.4343	41.4	
	76 1,1,2,2-Tetrachloroethane	83	8.249	8.248	(0.934)	52626	40.3142	40.3	
	77 trans-1,4-Dichloro-2-butene	53	8.265	8.269	(1.127)	43961	142.663	143(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	1,2,3-Trichloropropane	110	8.276	8.274	(0.937)	17032	44.6086	44.6(Q)	
79	n-Propylbenzene	91	8.302	8.301	(0.940)	537924	42.5527	42.6	
80	2-Chlorotoluene	91	8.356	8.354	(0.946)	292537	40.9609	41.0	
81	1,3,5-Trimethylbenzene	105	8.415	8.413	(0.953)	378072	42.8391	42.8	
82	4-Chlorotoluene	126	8.425	8.429	(0.954)	104137	45.1748	45.2	
83	tert-Butylbenzene	119	8.596	8.595	(0.973)	365282	35.6646	35.7	
84	1,2,4-Trimethylbenzene	105	8.628	8.627	(0.977)	376759	42.0026	42.0	
85	sec-Butylbenzene	105	8.719	8.718	(0.987)	551357	43.7164	43.7	
86	1,3-Dichlorobenzene	146	8.788	8.787	(0.995)	196364	45.4154	45.4	
87	p-Isopropyltoluene	119	8.804	8.803	(0.997)	442599	43.2766	43.3	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.831	8.835	(1.000)	115456	50.0000		
89	1,4-Dichlorobenzene	146	8.847	8.846	(1.002)	192585	43.6837	43.7	
90	n-Butylbenzene	91	9.023	9.022	(1.022)	402203	42.3003	42.3	
91	1,2-Dichlorobenzene	146	9.040	9.038	(1.024)	174350	47.4229	47.4	
92	1,2-Dibromo-3-chloropropane	155	9.445	9.444	(1.070)	8680	42.8057	42.8	
93	1,2,4-Trichlorobenzene	180	9.851	9.850	(1.115)	127051	45.9179	45.9	
94	Hexachlorobutadiene	225	9.915	9.919	(1.123)	97475	47.0935	47.1	
95	Naphthalene	128	9.990	9.994	(1.131)	202862	43.0316	43.0	
96	1,2,3-Trichlorobenzene	180	10.108	10.106	(1.145)	107428	46.4946	46.5	
97	2,methyl-naphthalene	142	10.626	10.624	(1.203)	131763	48.9549	49.0	
98	1-Methylnaphthalene	142	10.738	10.736	(1.216)	105286	50.5088	50.5	
99	Isopropyl Acetate	61	3.875	3.873	(0.931)	68519	227.167	227	
101	n-amyl Acetate	70	7.945	7.943	(1.908)	115957	35.2418	35.2	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d
Date : 10-OCT-2017 12:26
Client ID:
Instrument: 50mv3b.i
Sample Info: 1884799,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

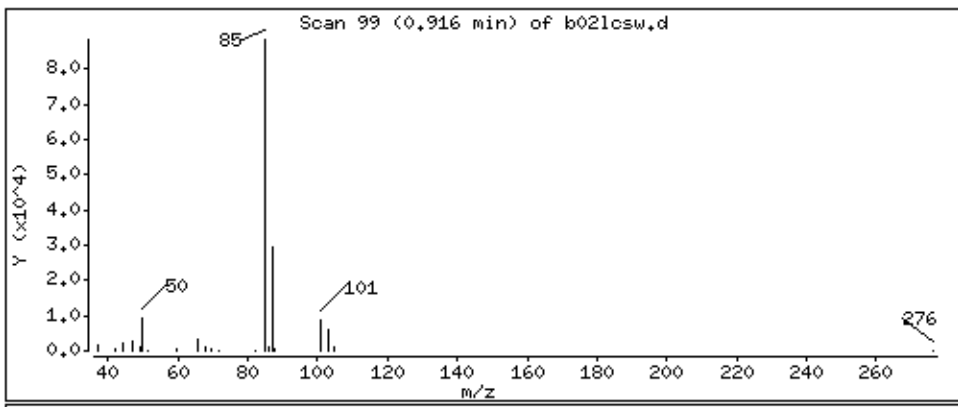
Column phase: DB-624

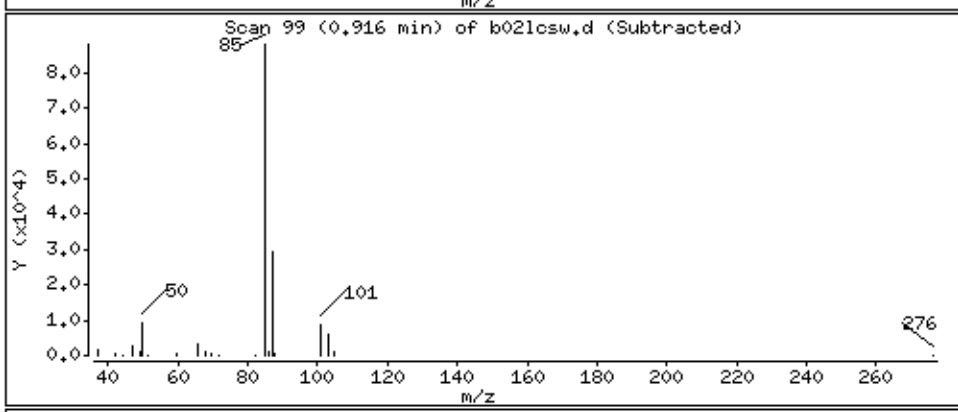
Column diameter: 0.18

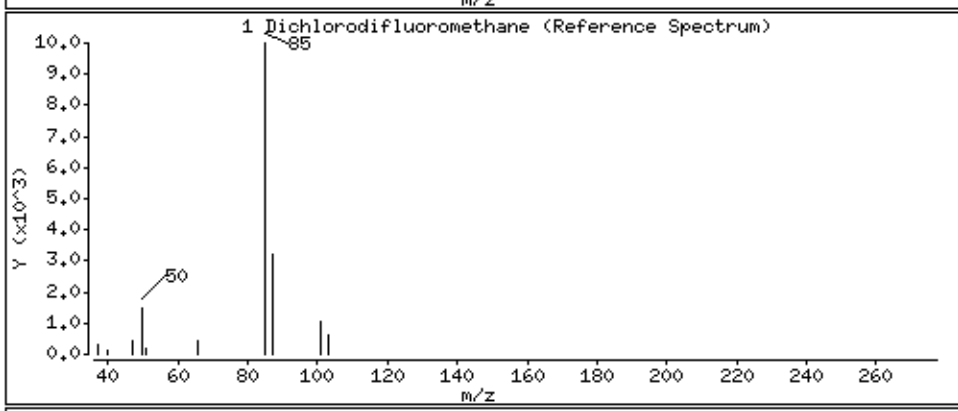
1 Dichlorodifluoromethane

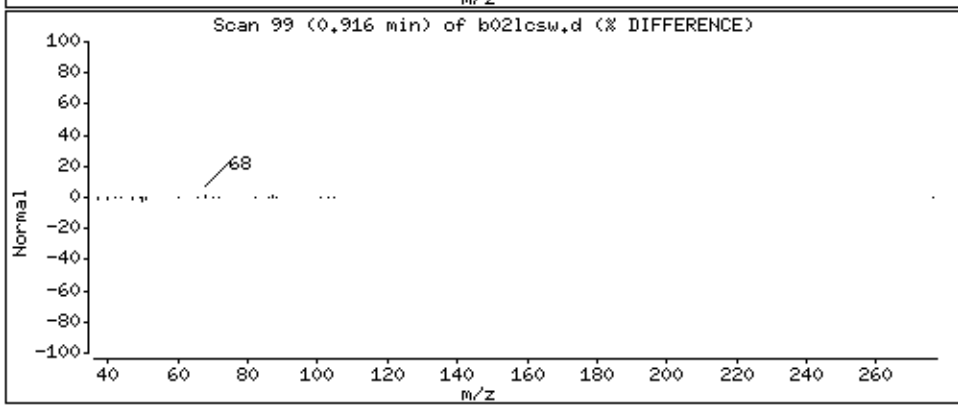
Concentration: 26.8 ppb

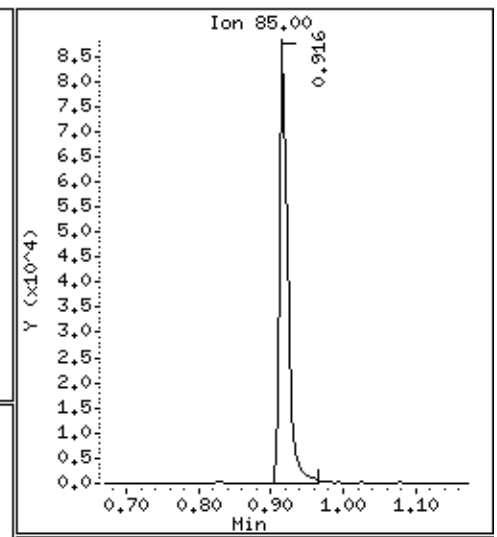
Review Code:

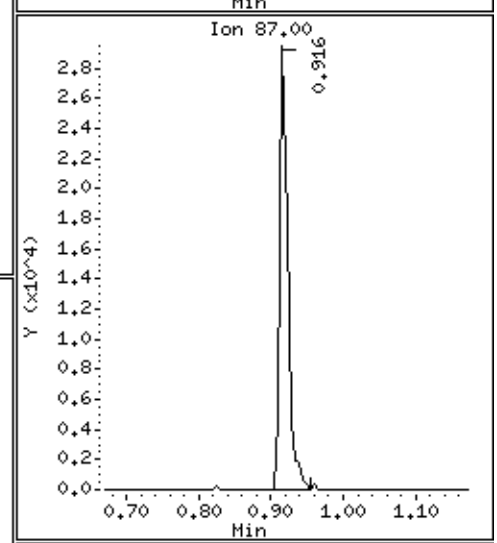


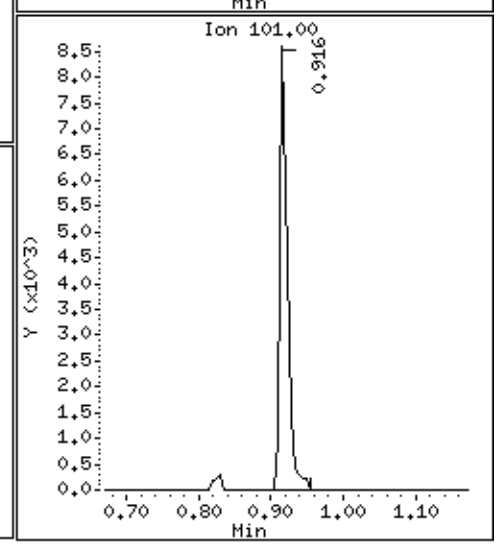












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

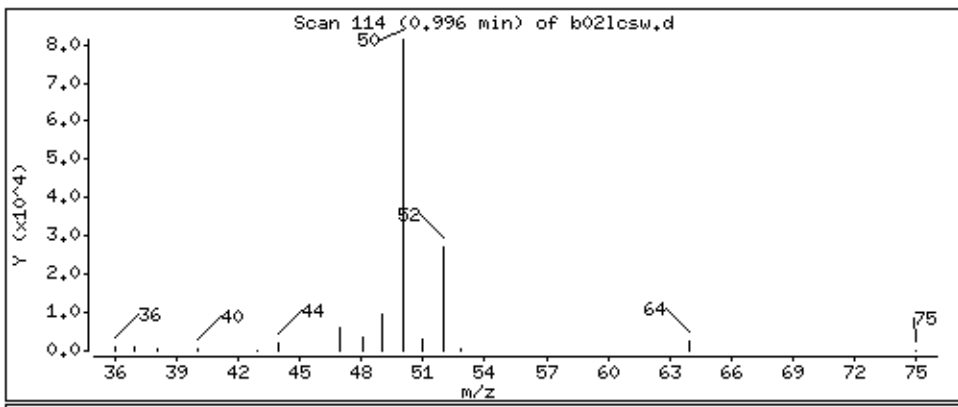
Column phase: DB-624

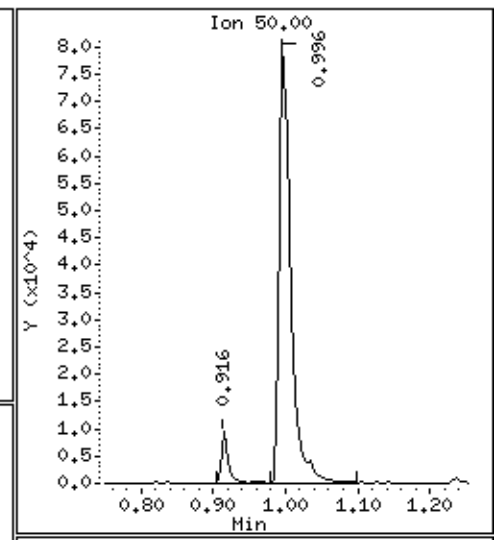
Column diameter: 0.18

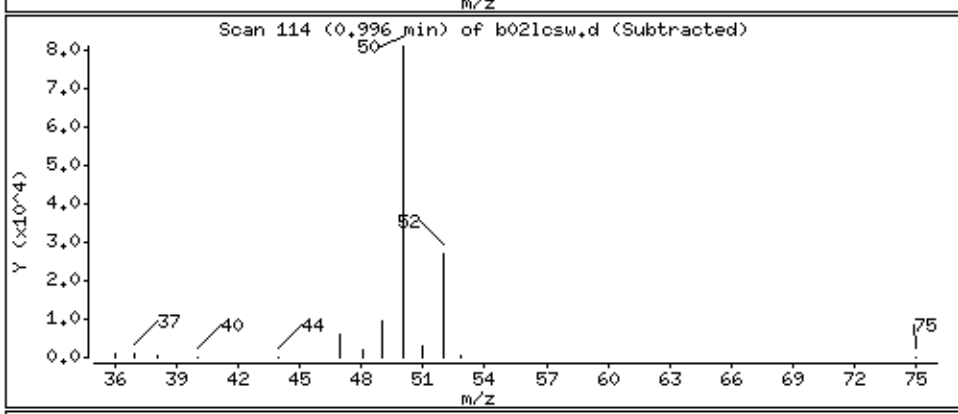
2 Chloromethane

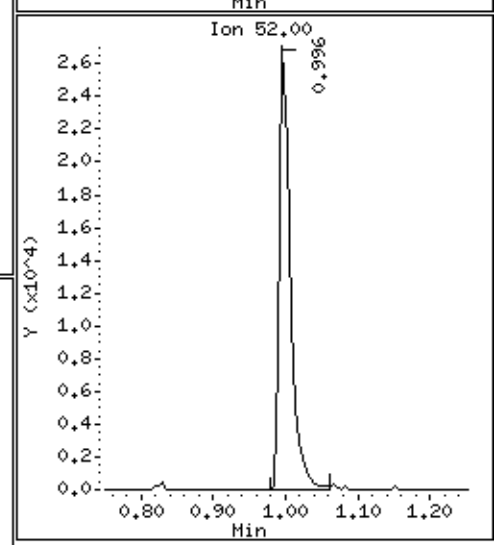
Concentration: 29.9 ppb

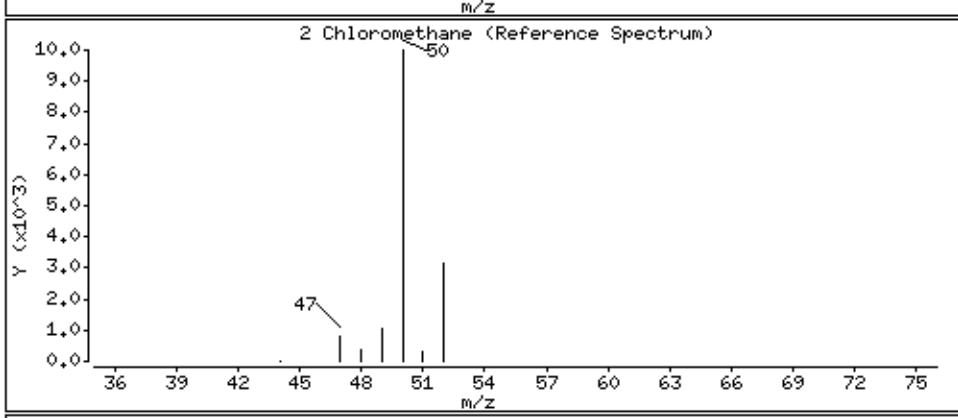
Review Code:

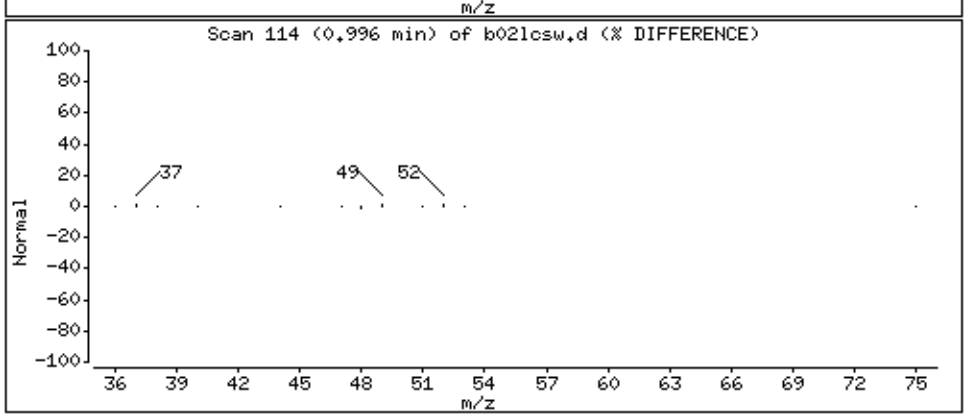












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

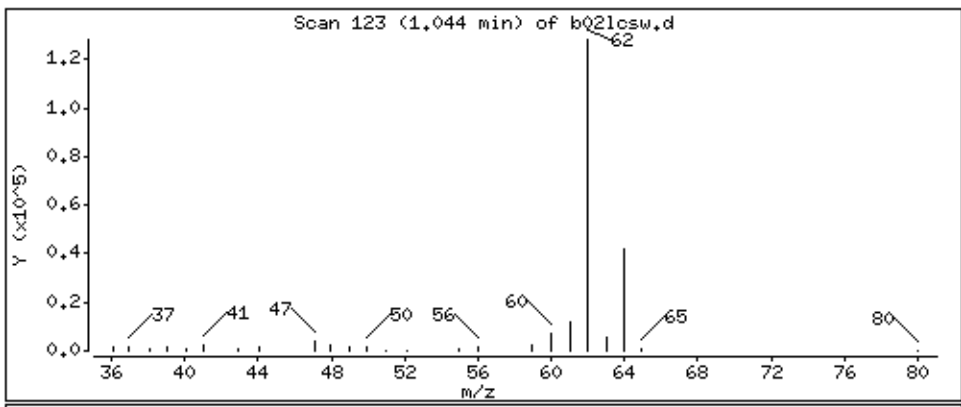
Column phase: DB-624

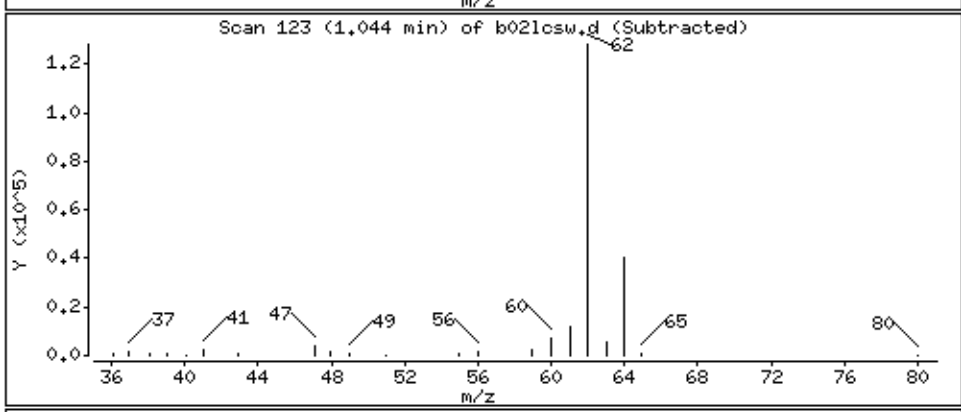
Column diameter: 0.18

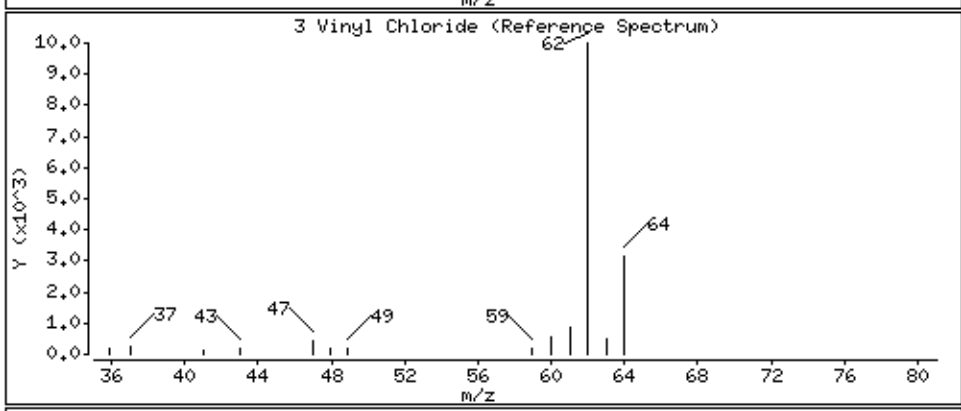
3 Vinyl Chloride

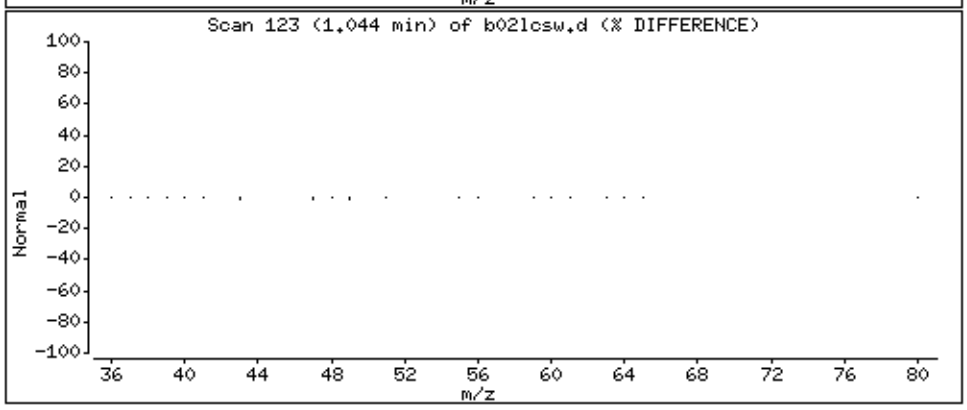
Concentration: 35.2 ppb

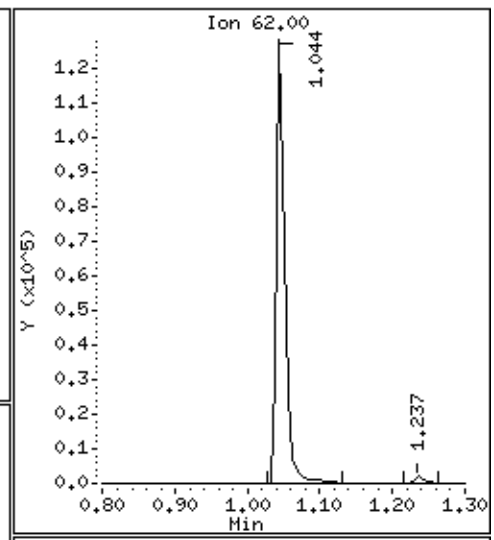
Review Code:

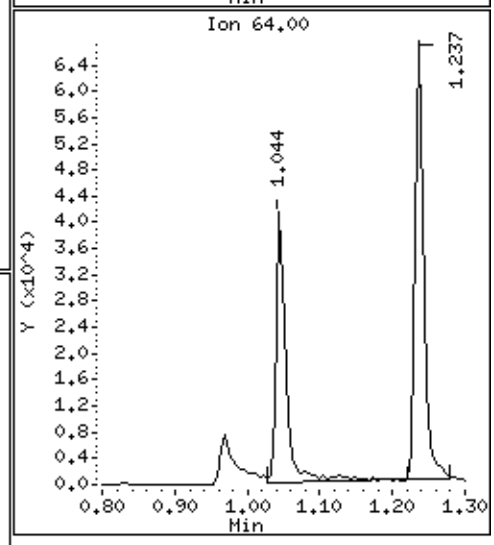












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

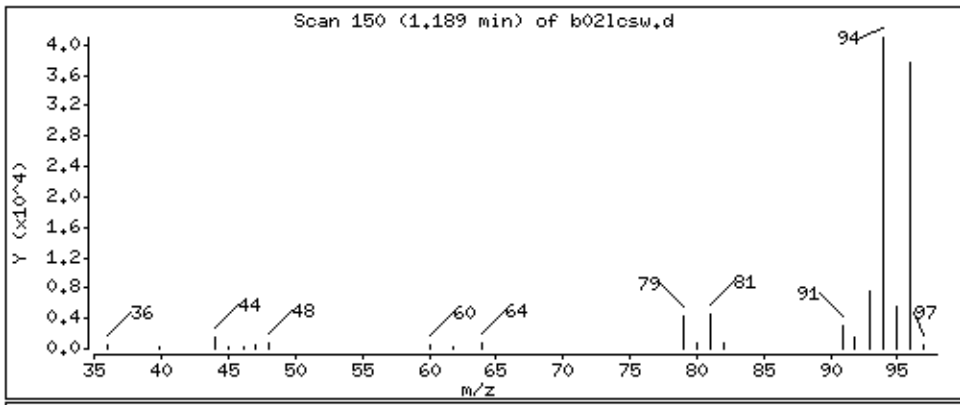
Column phase: DB-624

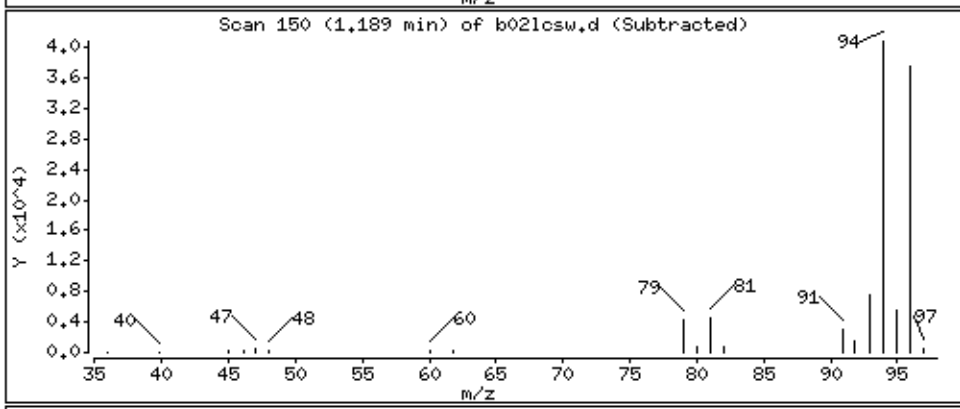
Column diameter: 0.18

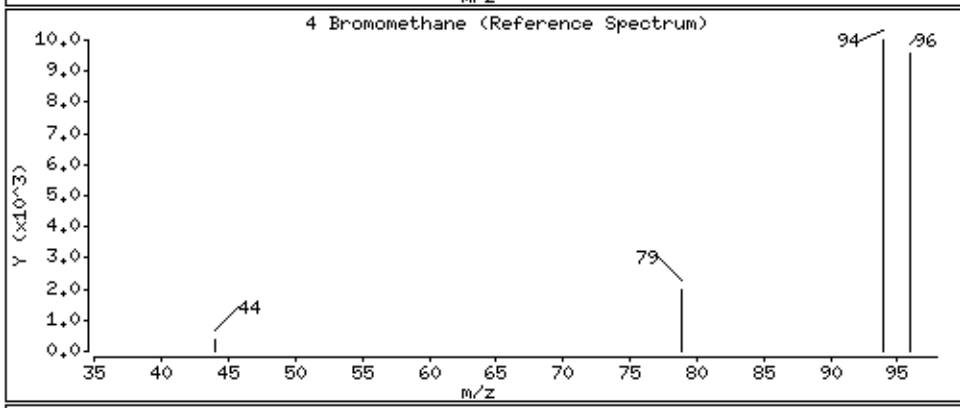
4 Bromomethane

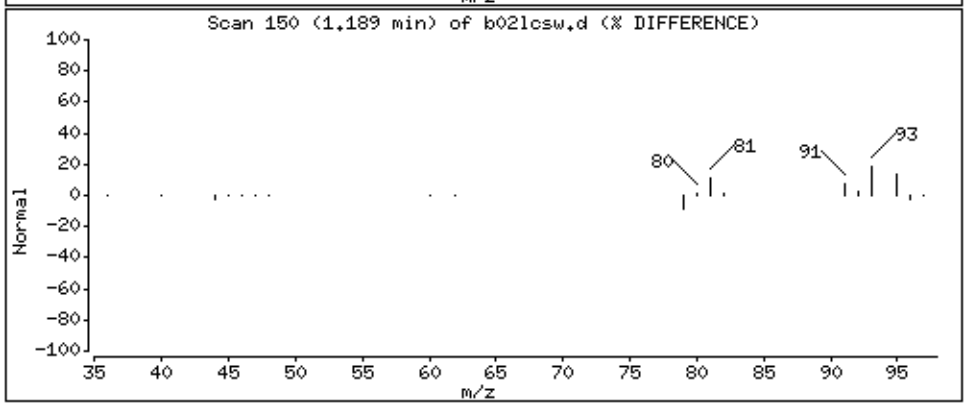
Concentration: 32.4 ppb

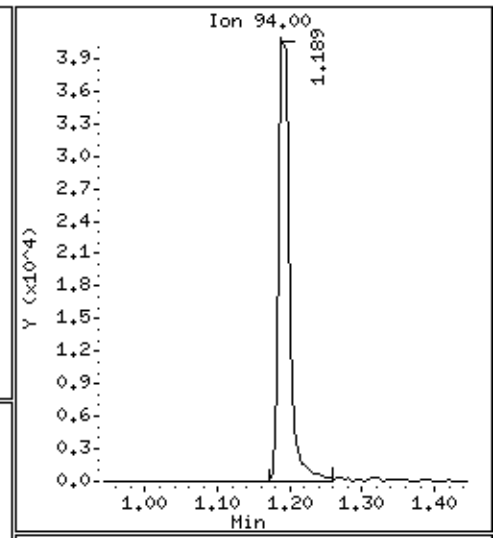
Review Code:

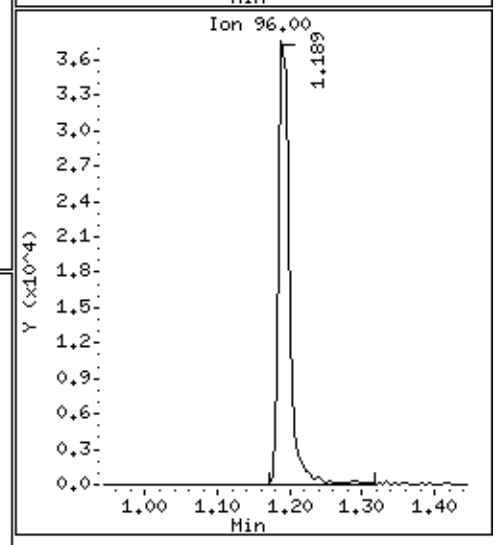












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

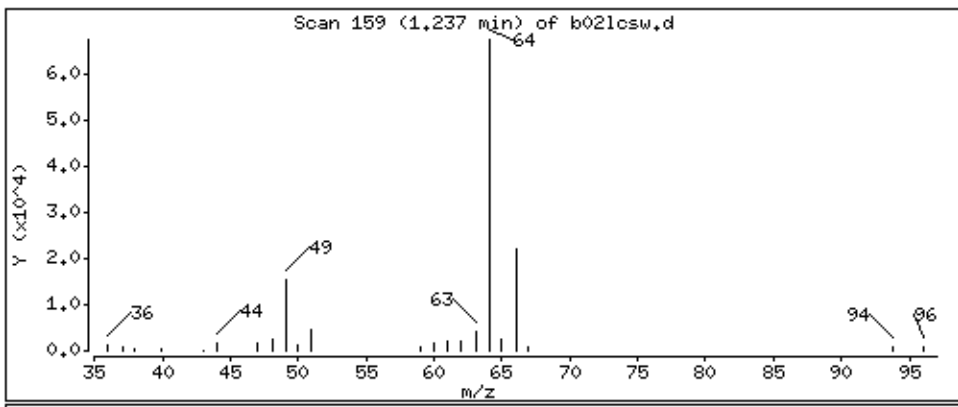
Column phase: DB-624

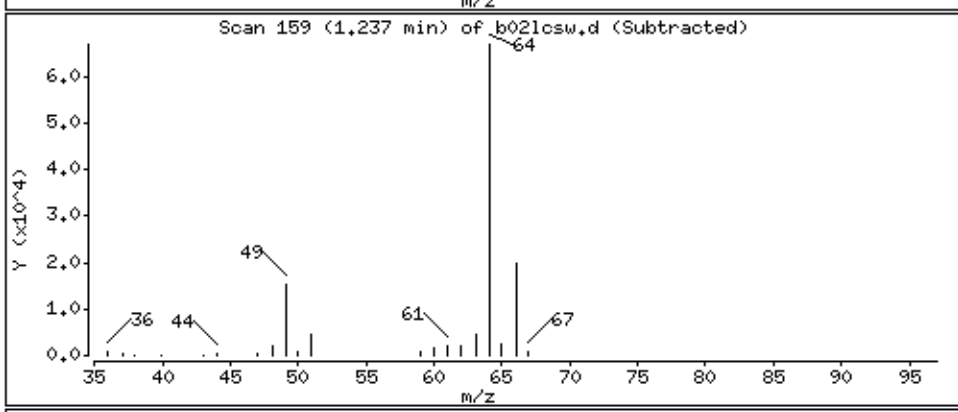
Column diameter: 0.18

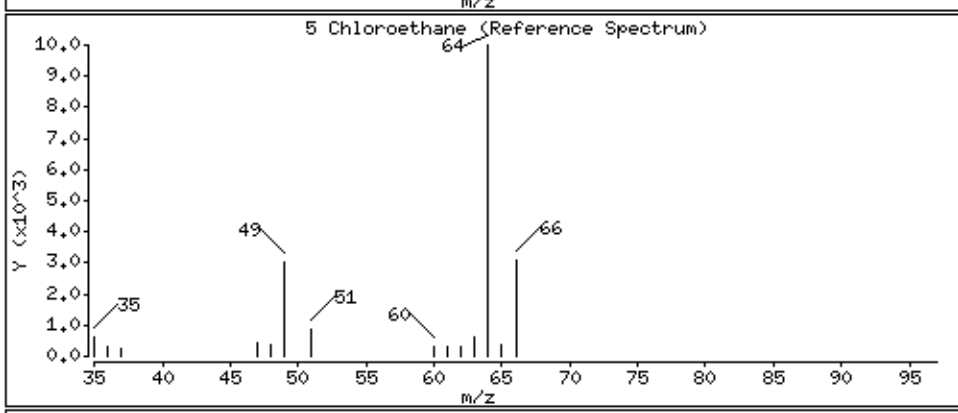
5 Chloroethane

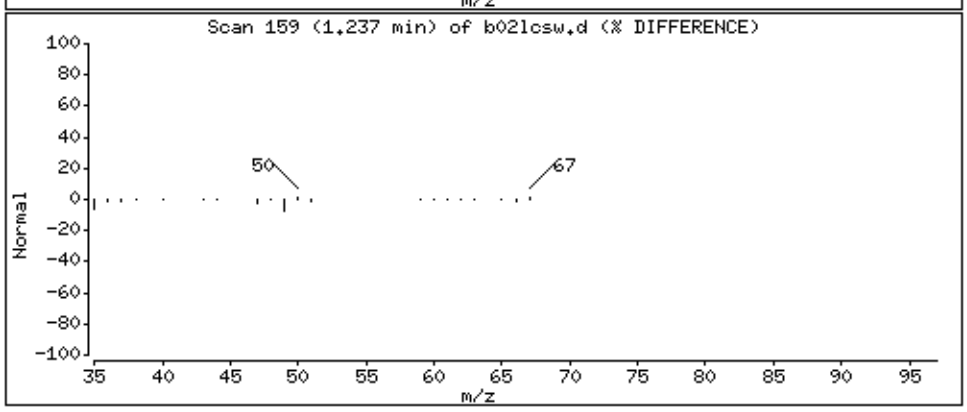
Concentration: 36.8 ppb

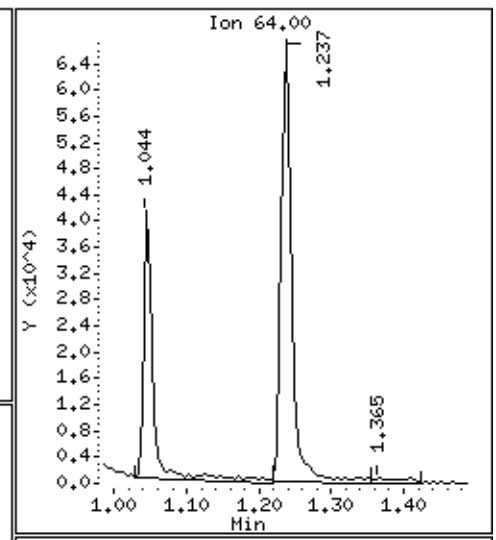
Review Code:

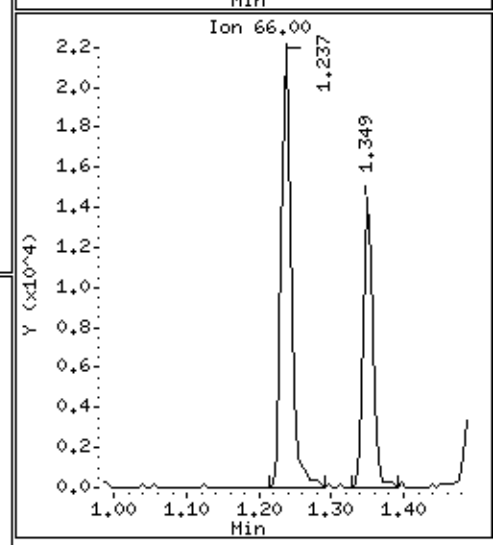












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

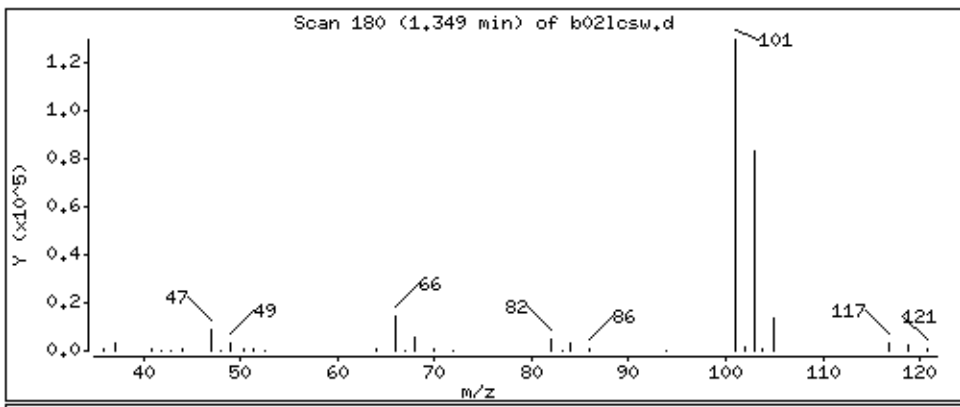
Column phase: DB-624

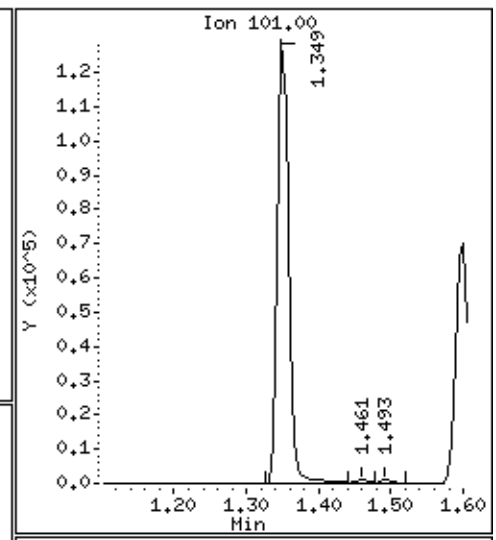
Column diameter: 0.18

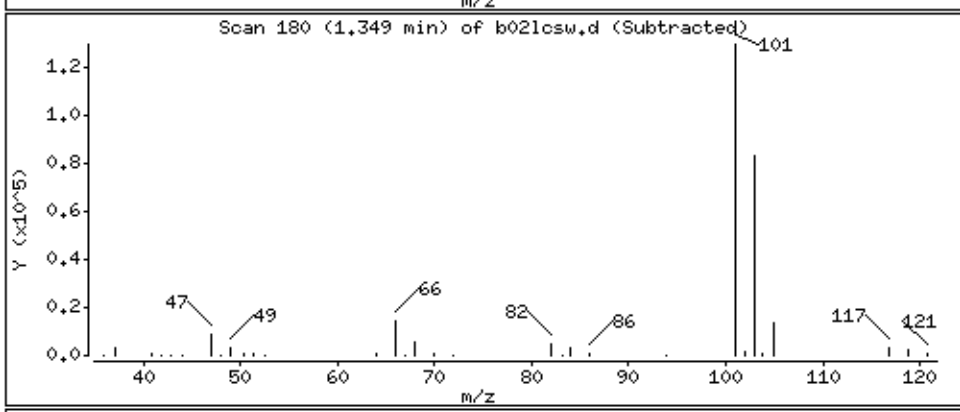
6 Trichlorofluoromethane

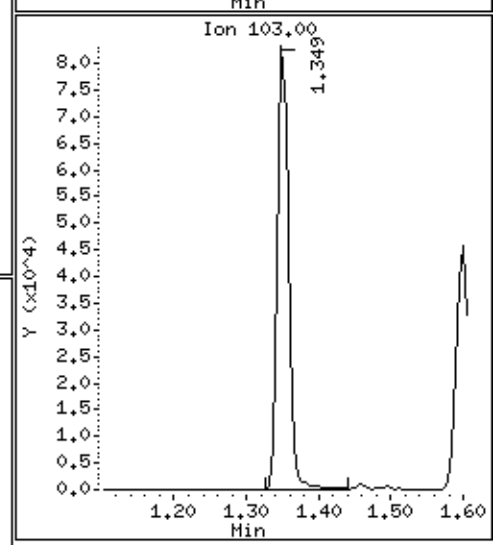
Concentration: 41.9 ppb

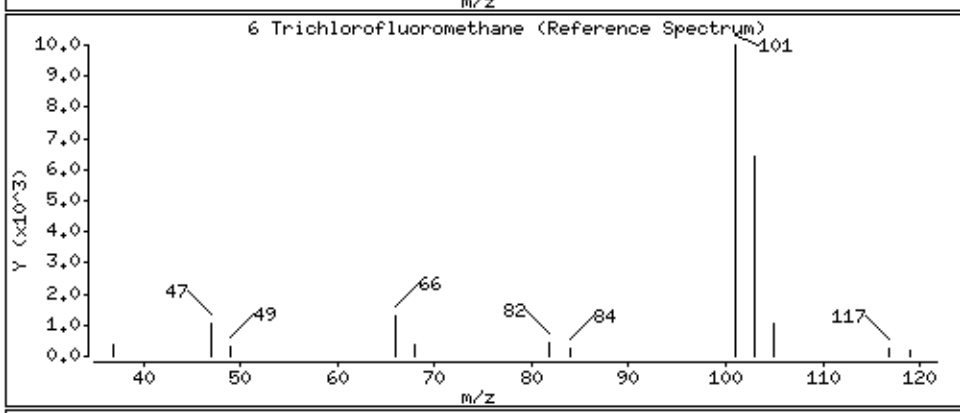
Review Code:

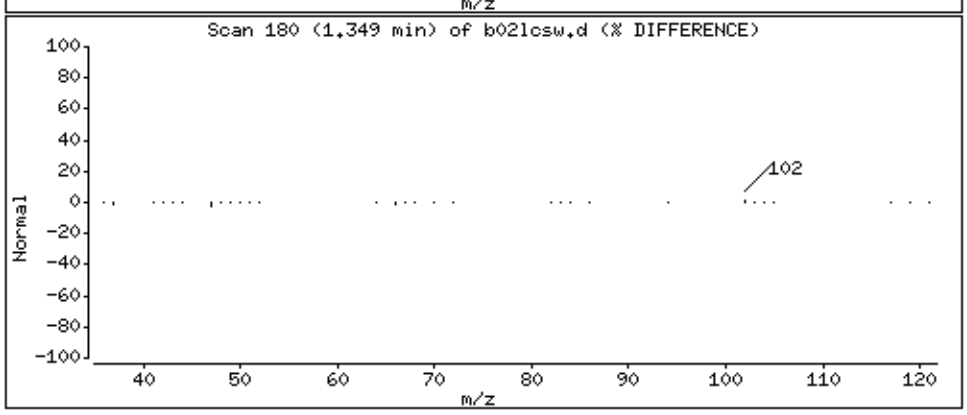












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

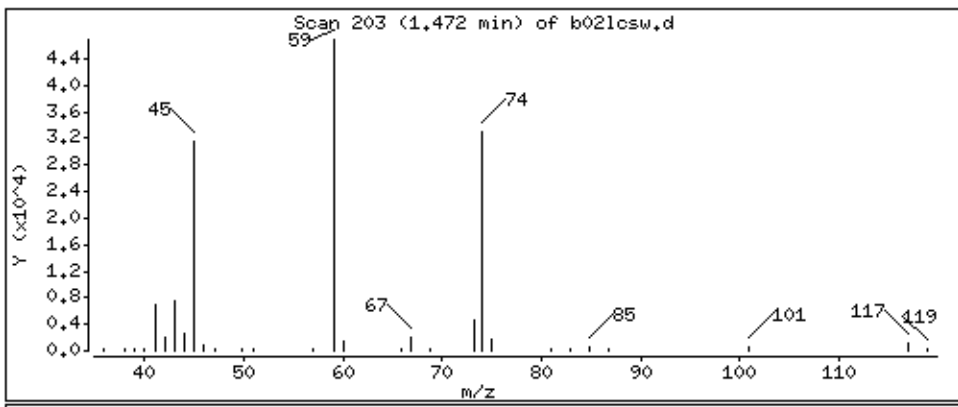
Column phase: DB-624

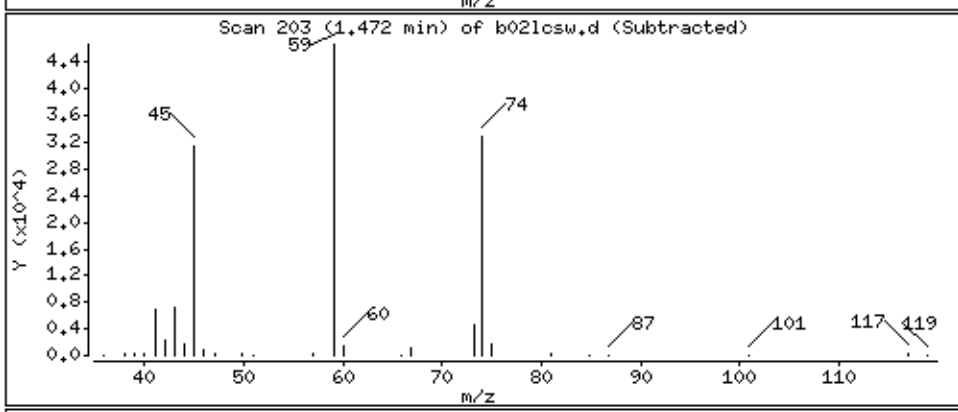
Column diameter: 0.18

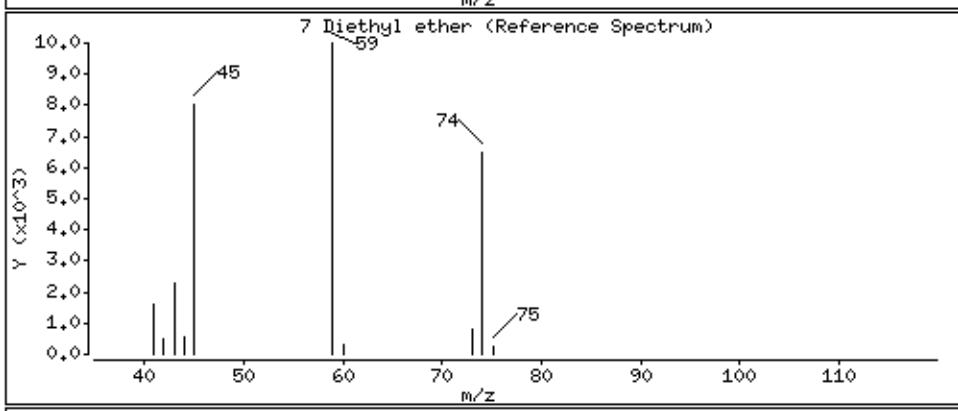
7 Diethyl ether

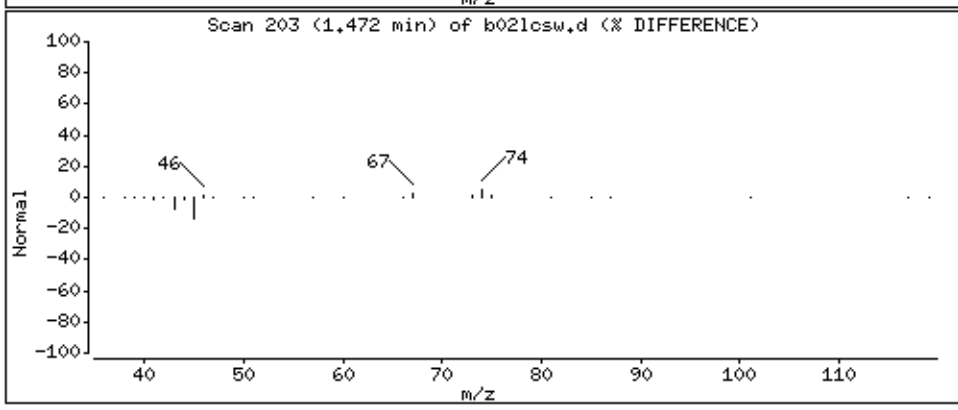
Concentration: 39.7 ppb

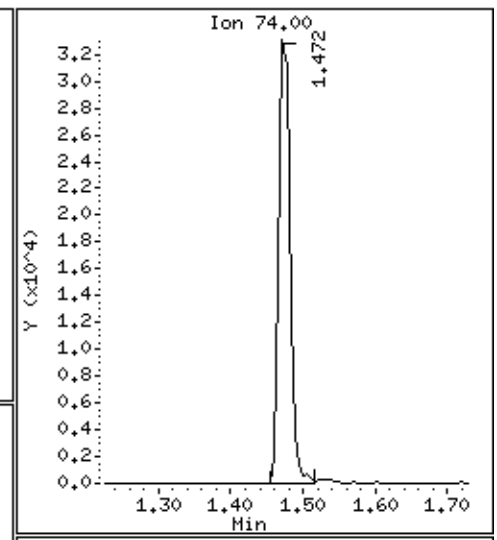
Review Code:

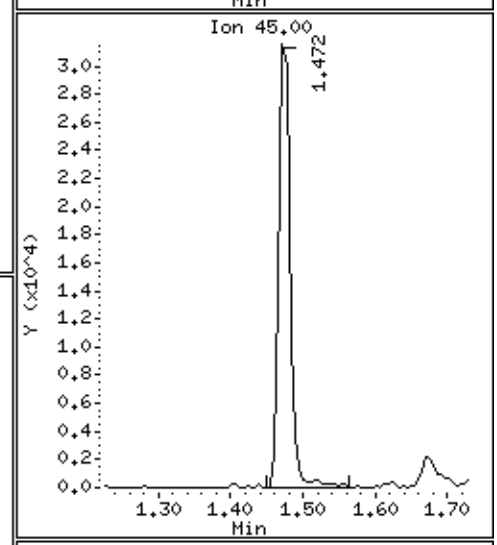


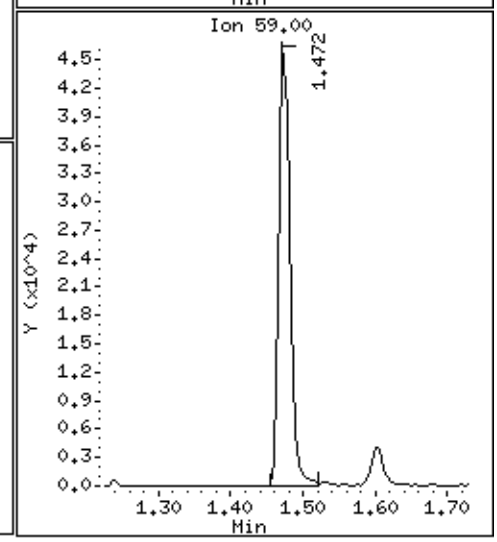












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

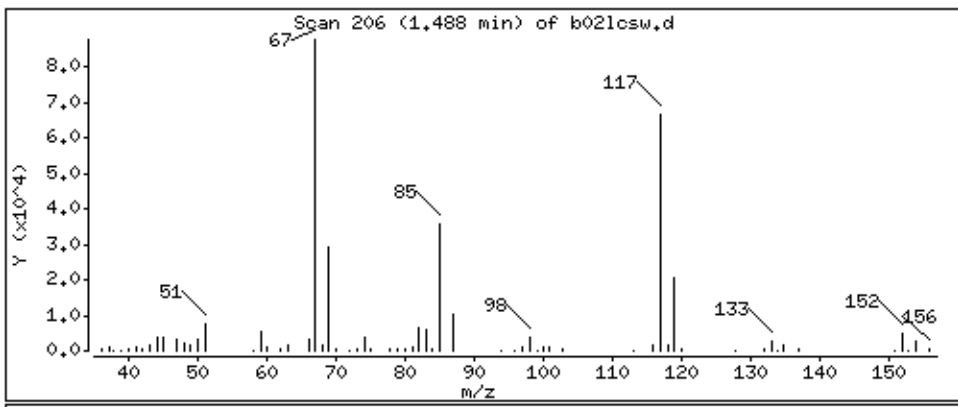
Column phase: DB-624

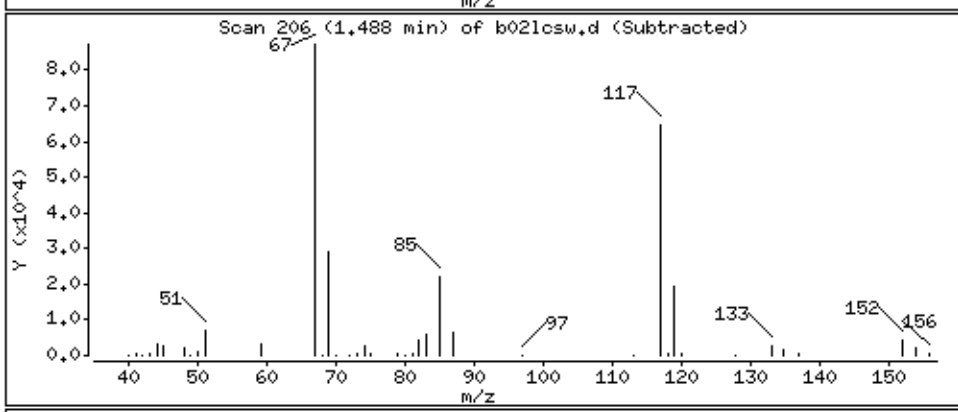
Column diameter: 0.18

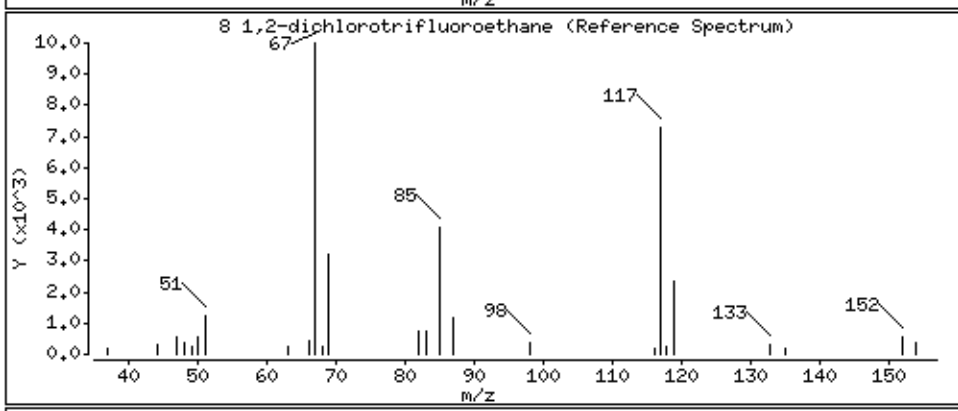
8 1,2-dichlorotrifluoroethane

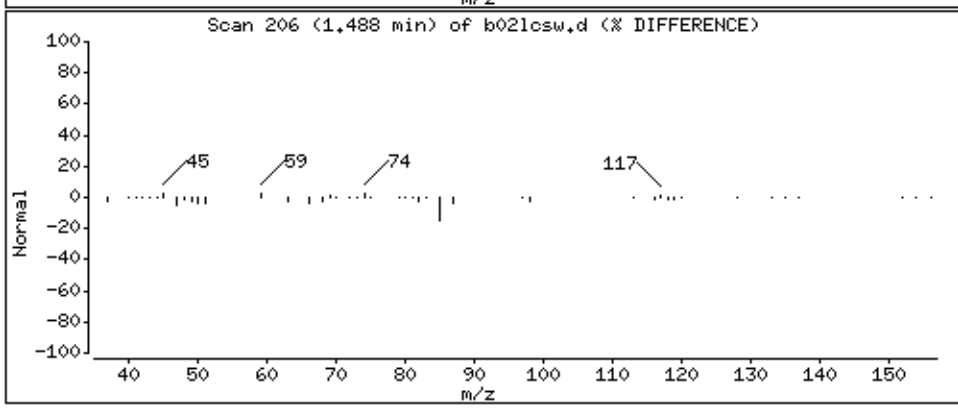
Concentration: 37.6 ppb

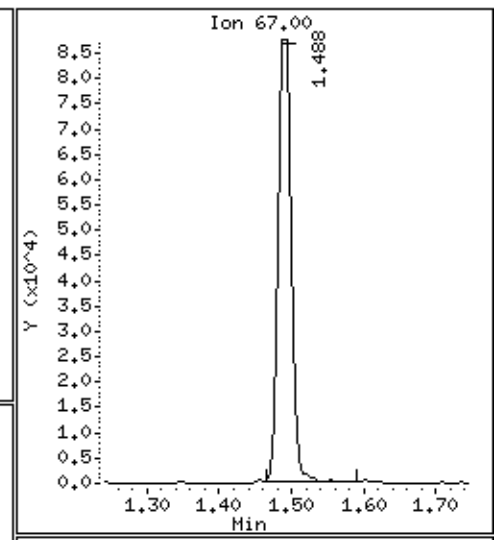
Review Code:

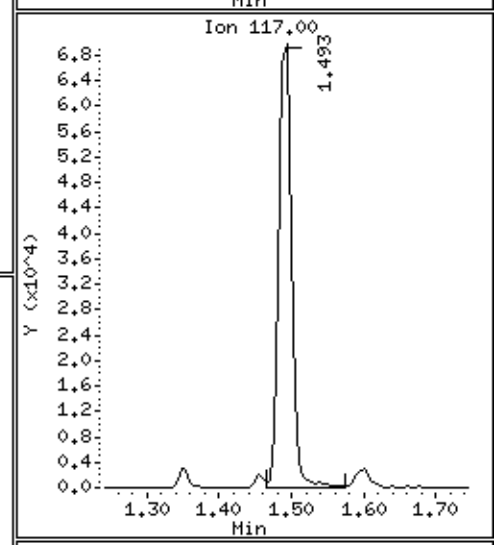


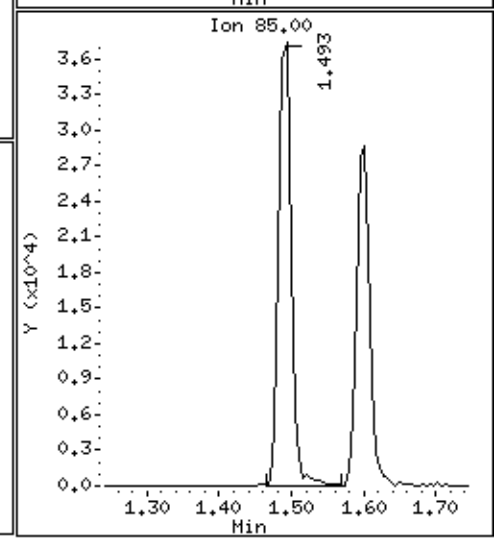












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

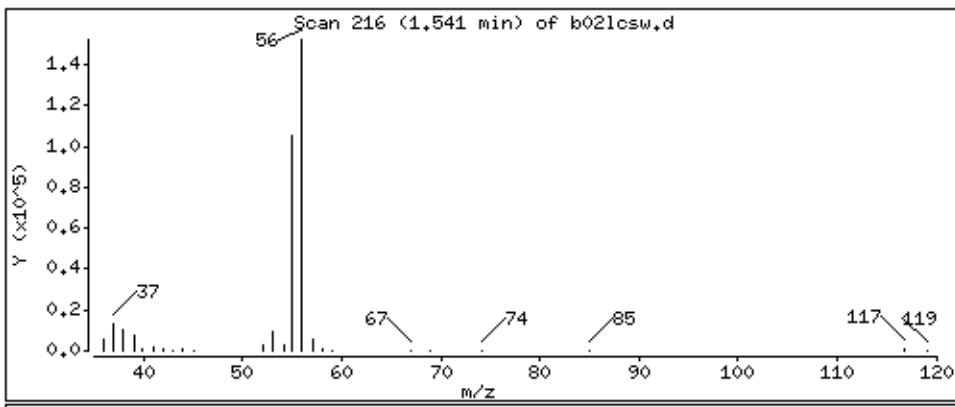
Column phase: DB-624

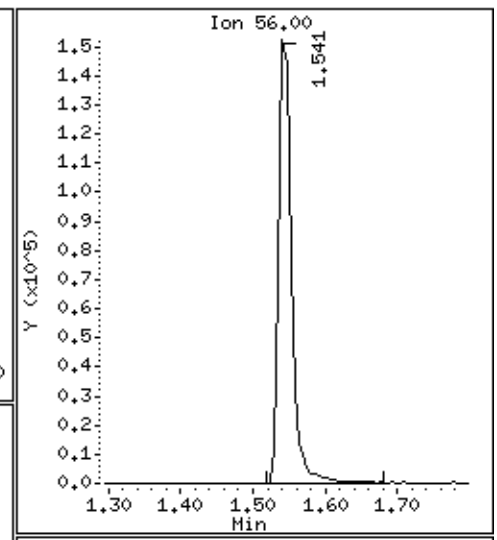
Column diameter: 0.18

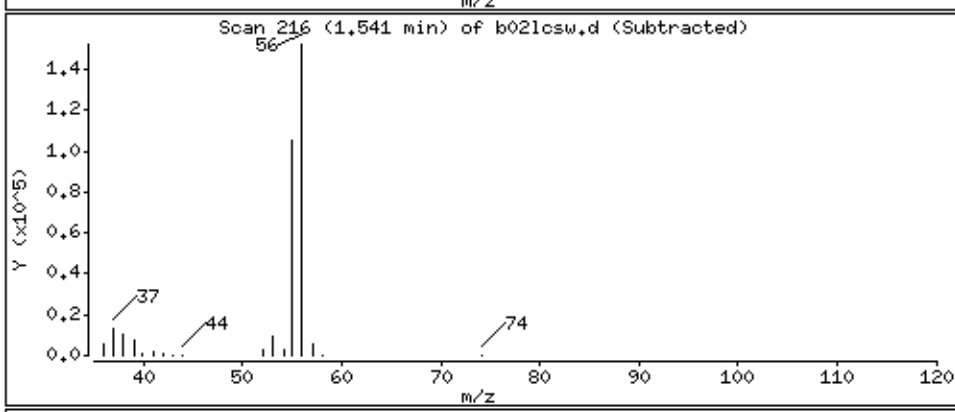
9 Acrolein

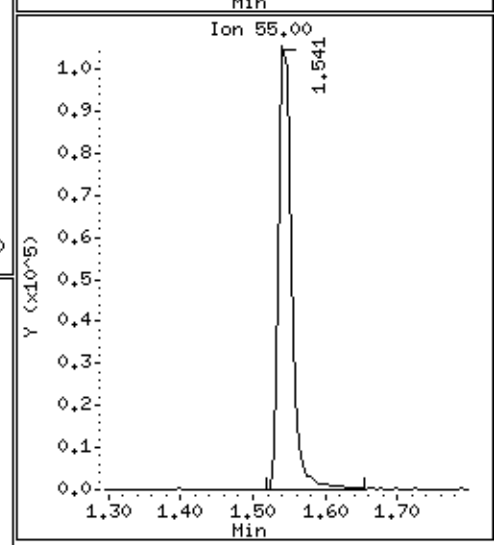
Concentration: 1210 ppb

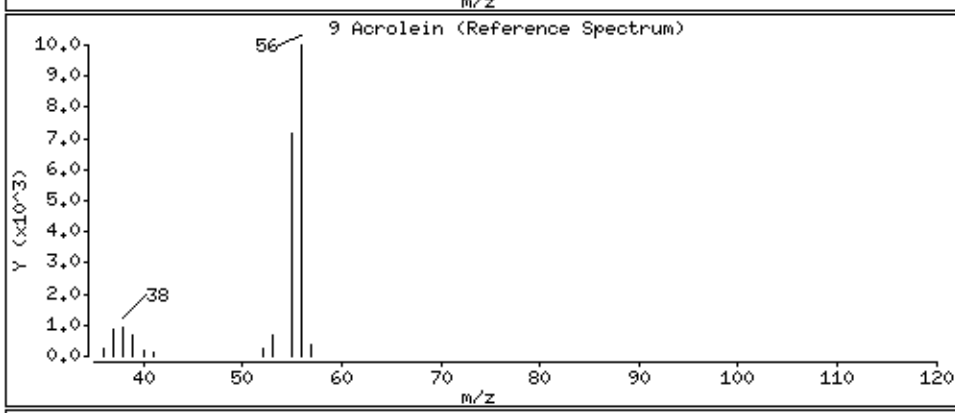
Review Code:

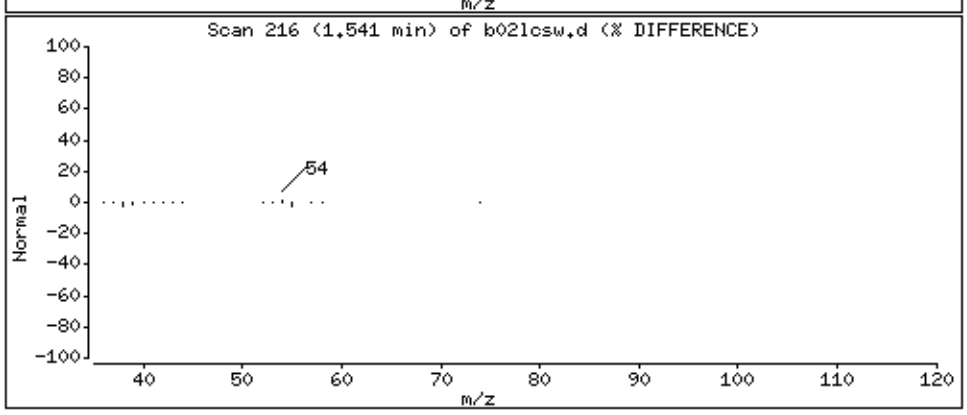












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

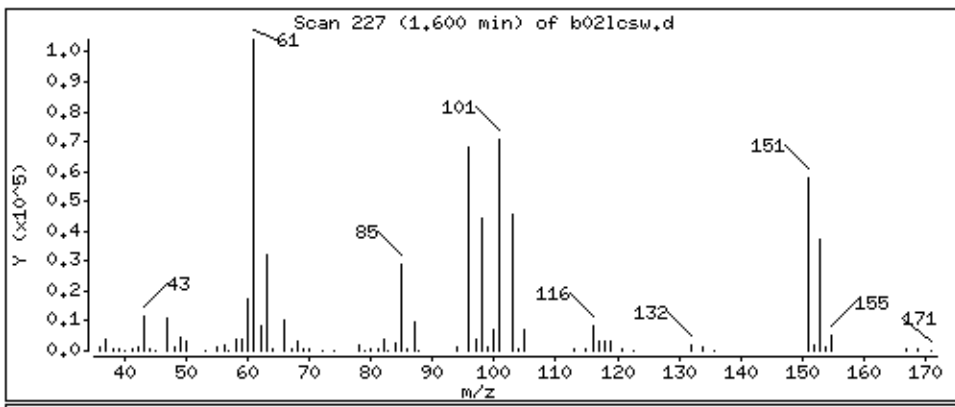
Column phase: DB-624

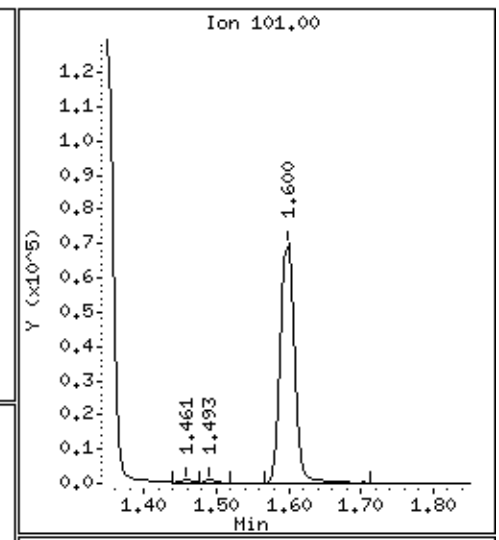
Column diameter: 0.18

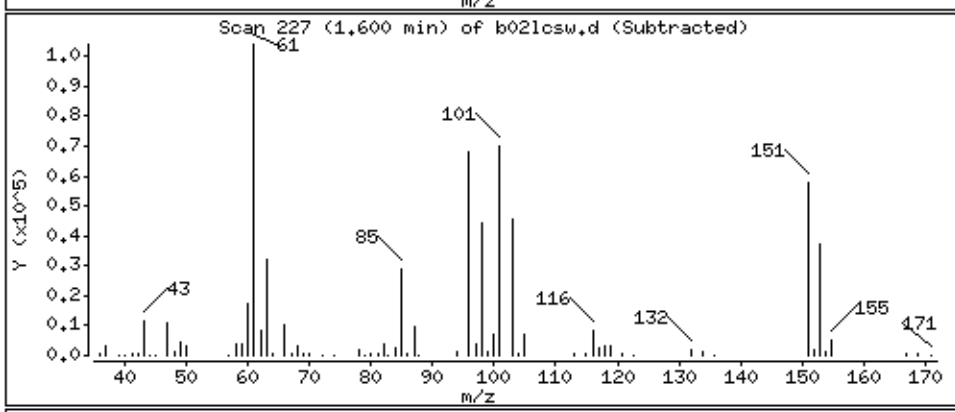
10 1,1,2trichlorotrifluoroethane

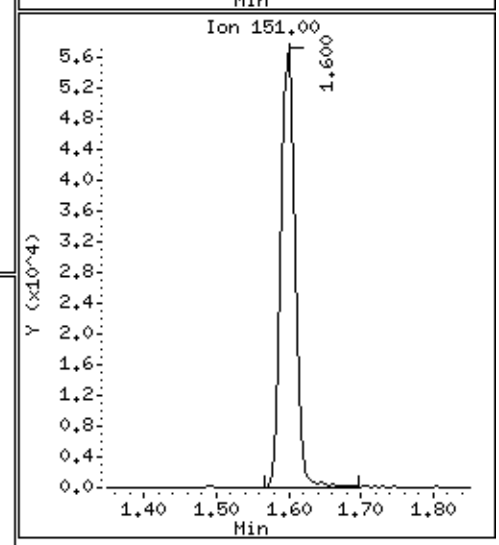
Concentration: 40.9 ppb

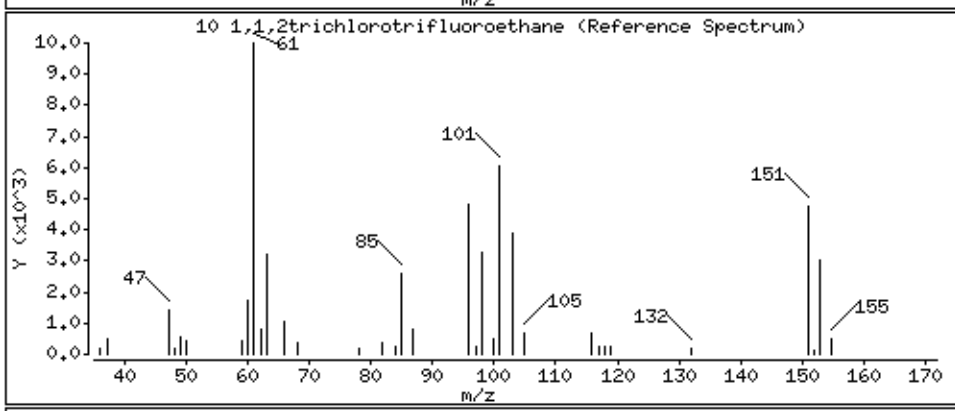
Review Code:

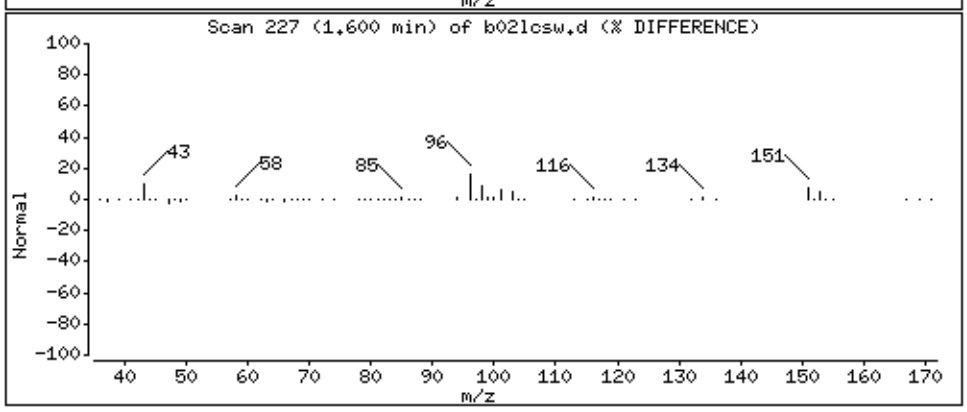












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

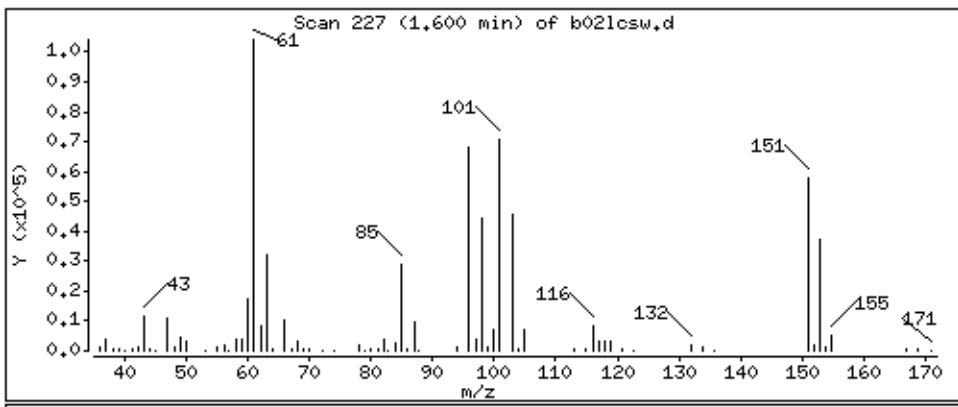
Column phase: DB-624

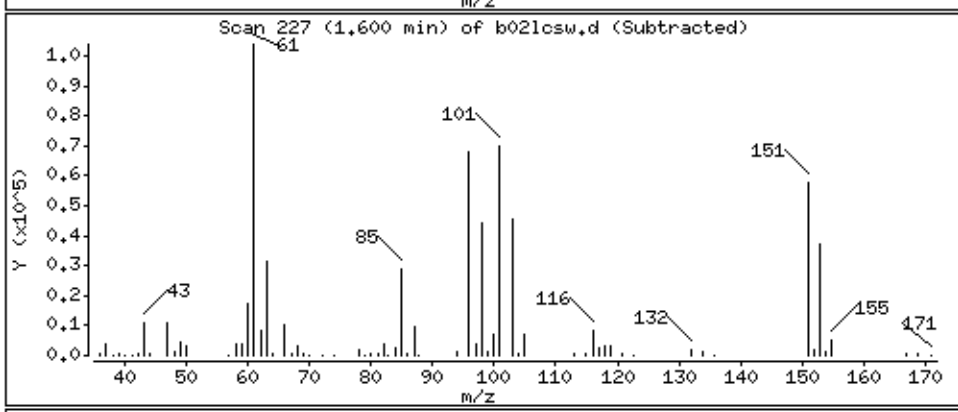
Column diameter: 0.18

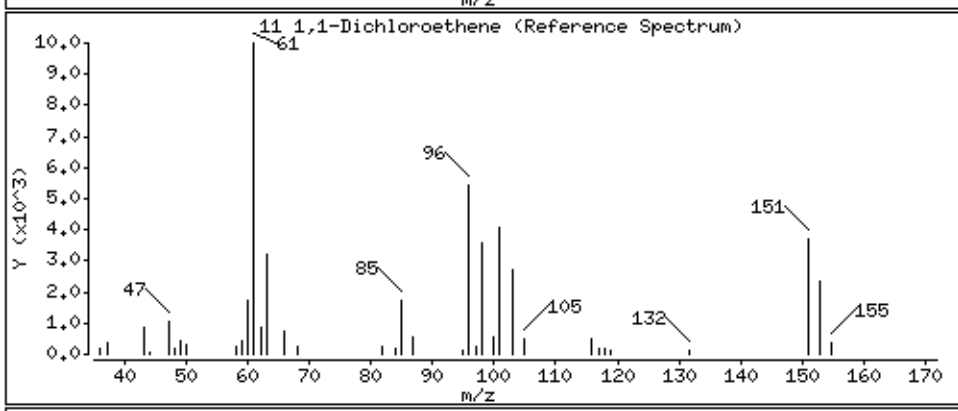
11 1,1-Dichloroethene

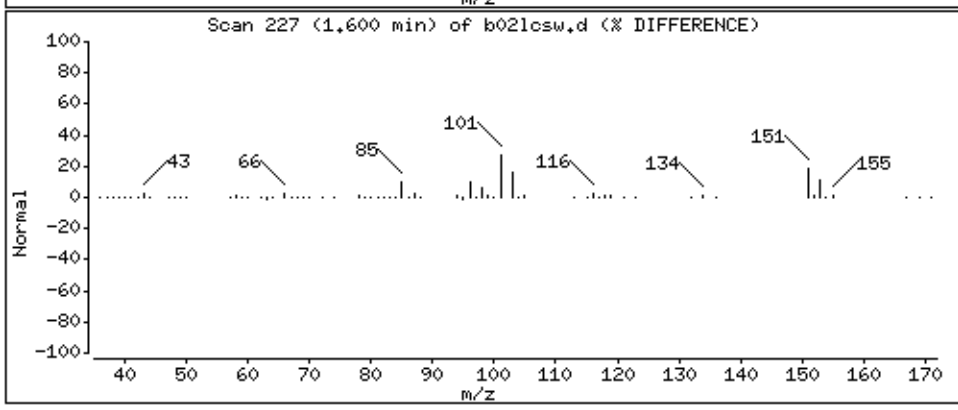
Concentration: 41.8 ppb

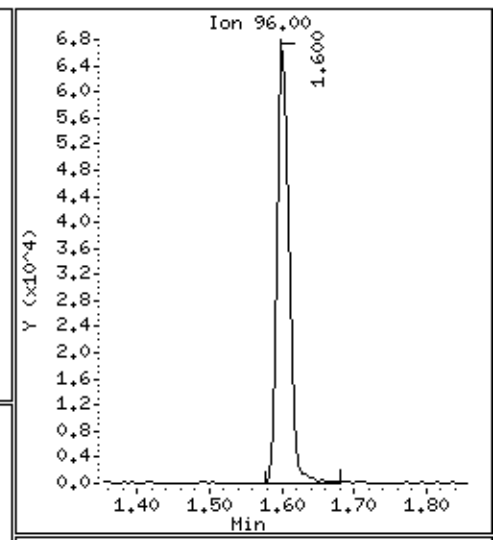
Review Code:

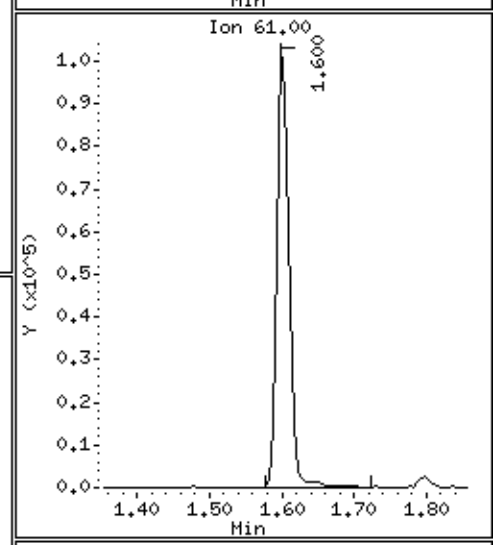


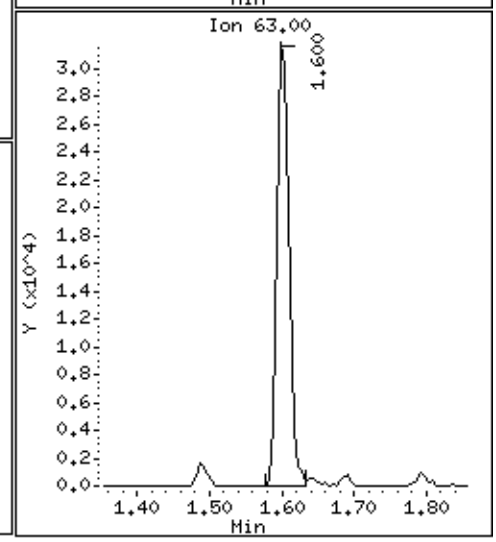












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

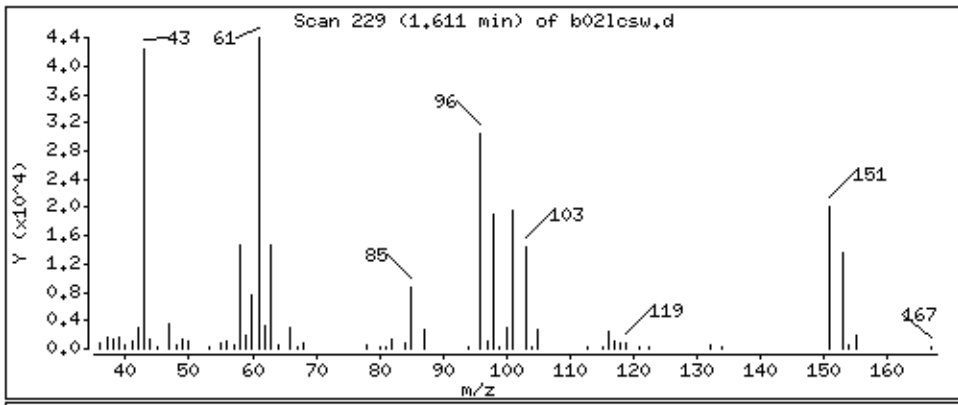
Column phase: DB-624

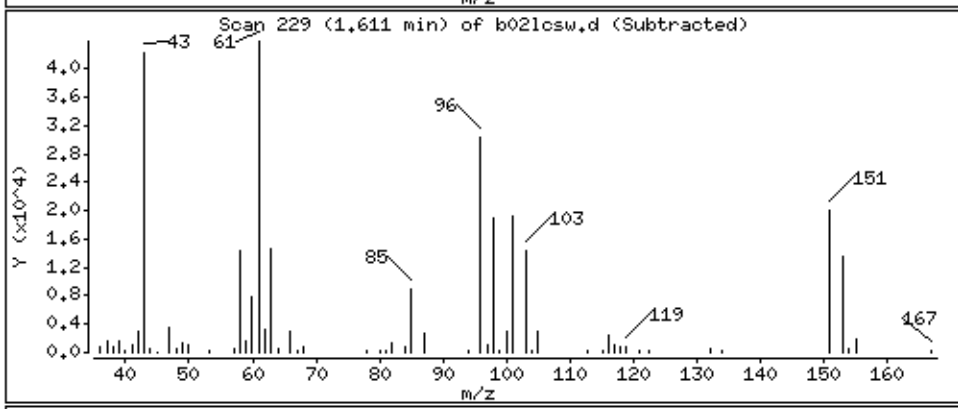
Column diameter: 0.18

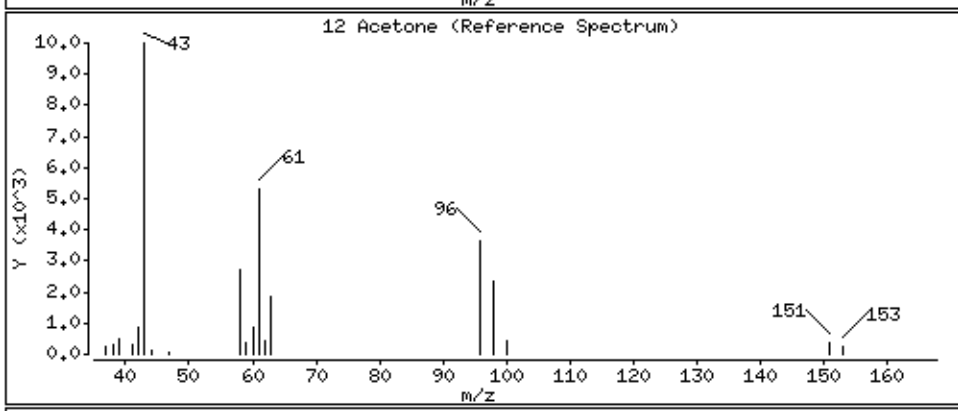
12 Acetone

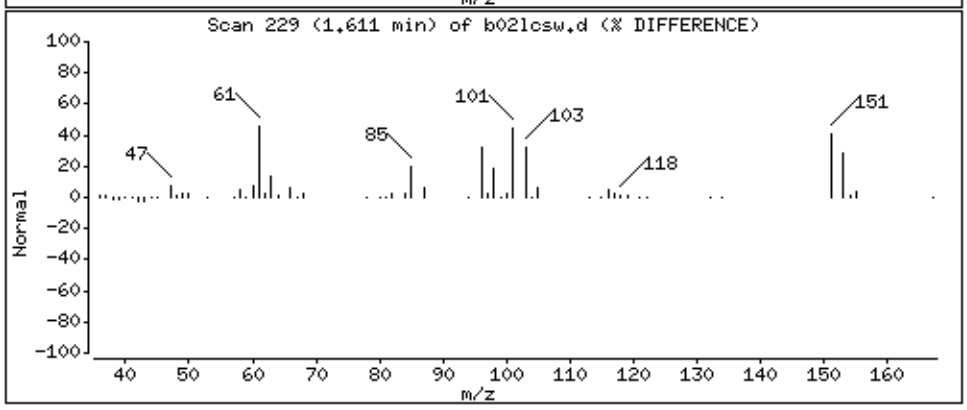
Concentration: 226 ppb

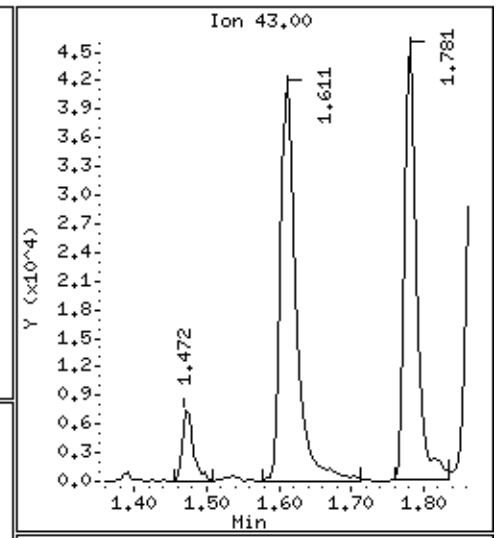
Review Code:

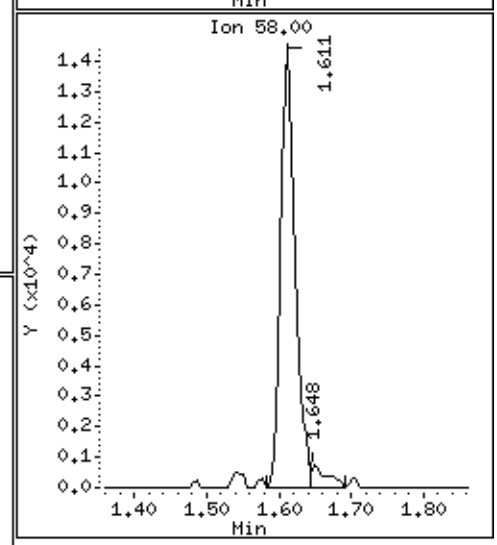












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

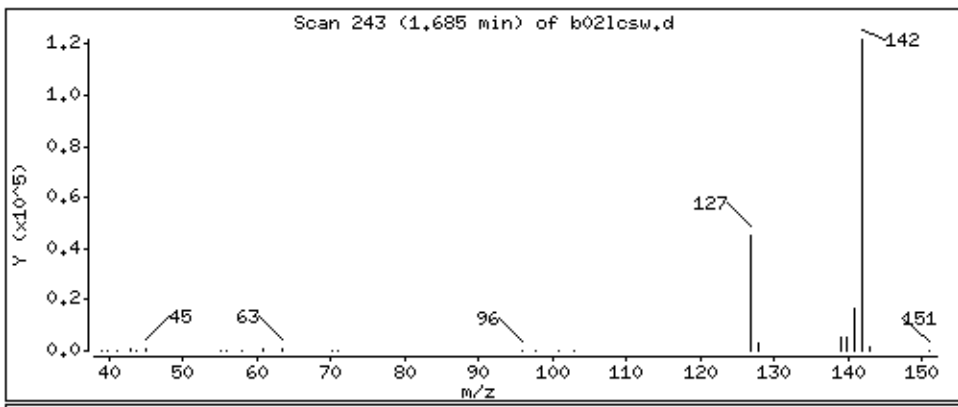
Column phase: DB-624

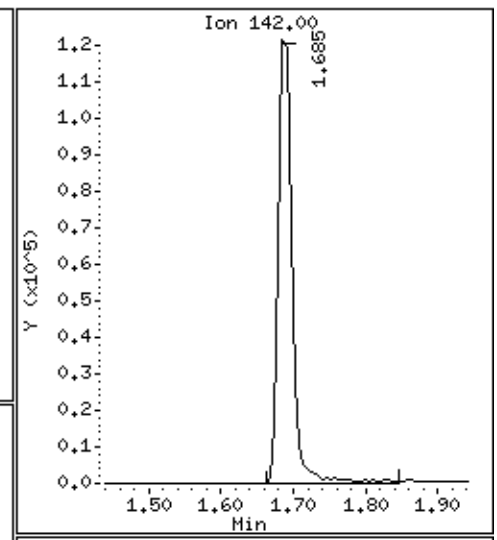
Column diameter: 0.18

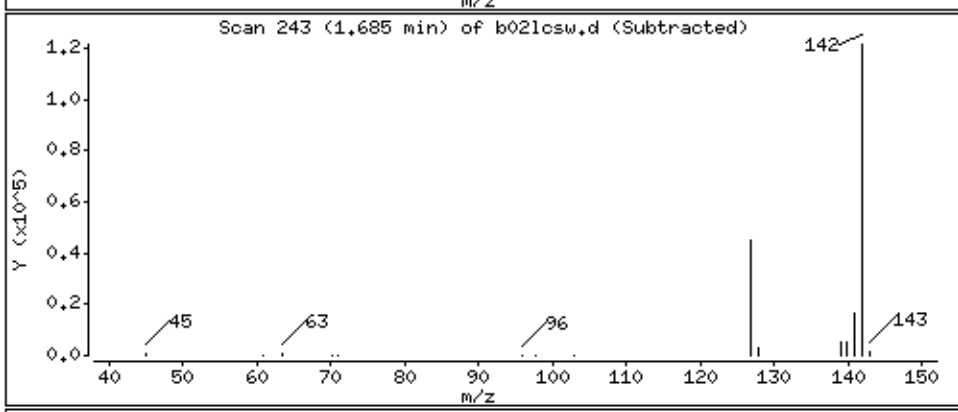
13 Iodomethane

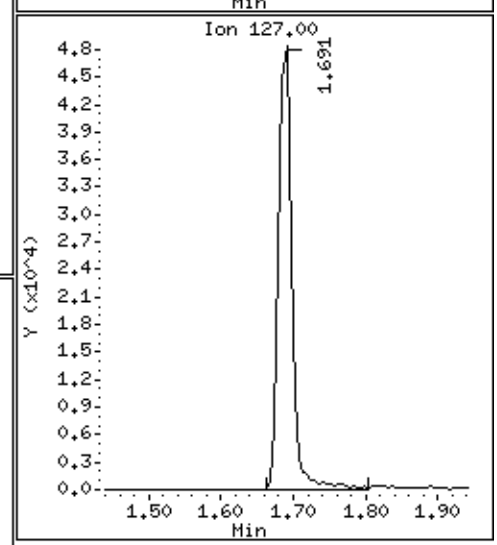
Concentration: 77.4 ppb

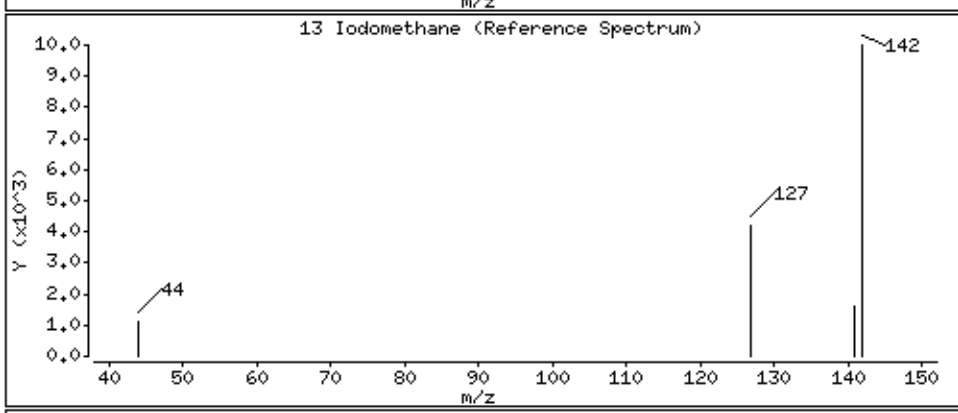
Review Code:

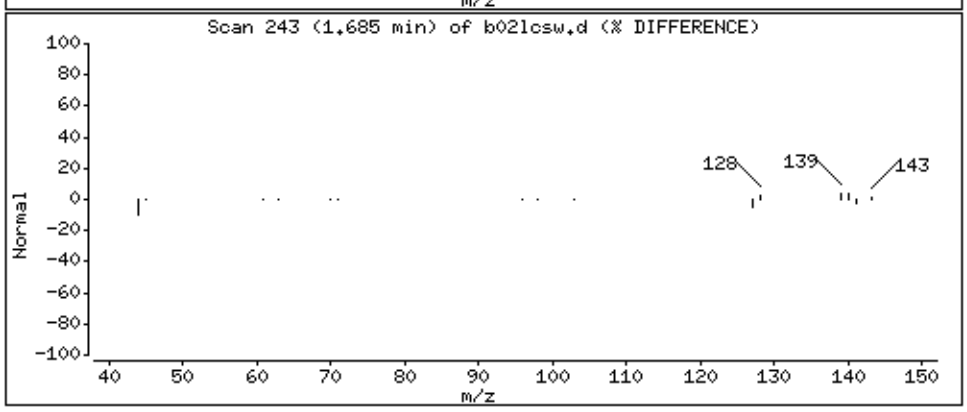












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

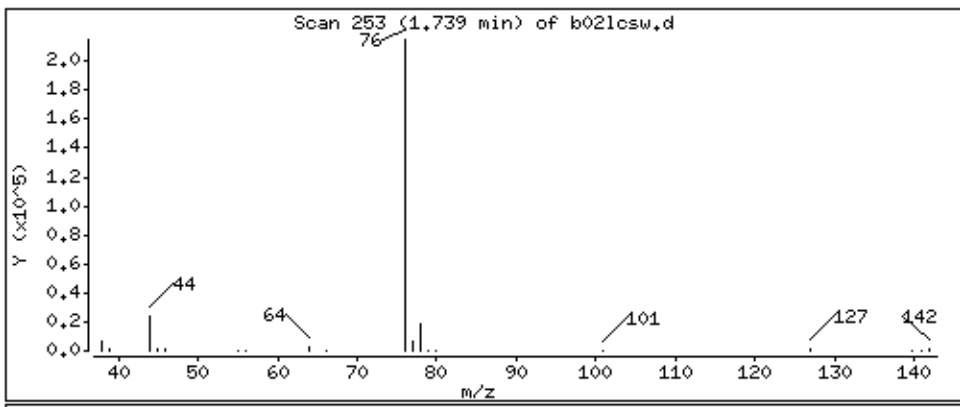
Column phase: DB-624

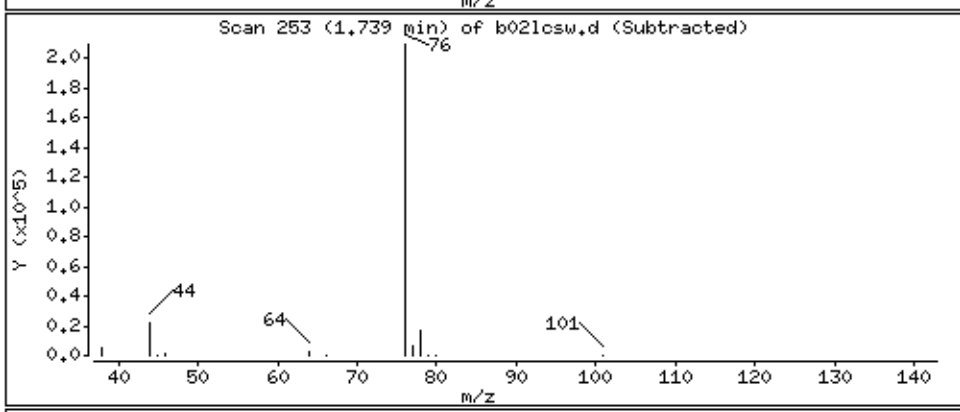
Column diameter: 0.18

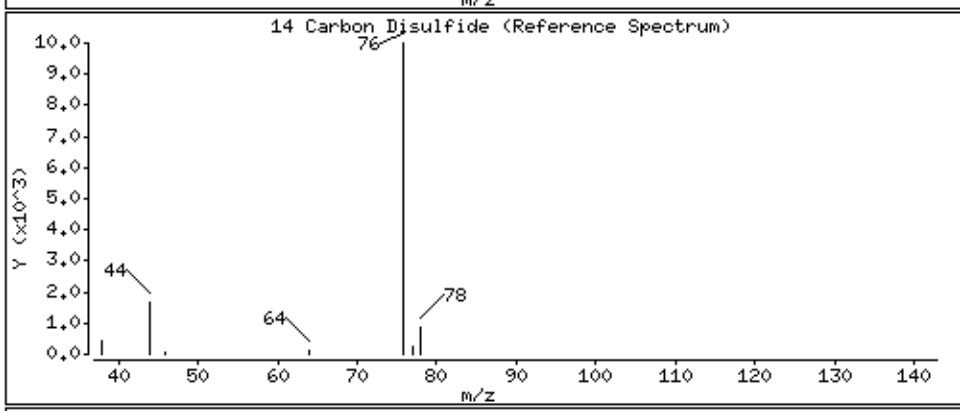
14 Carbon Disulfide

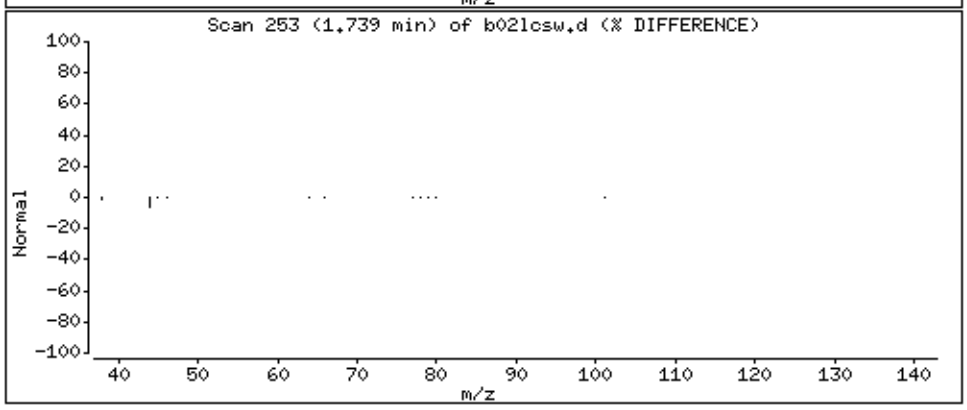
Concentration: 39.1 ppb

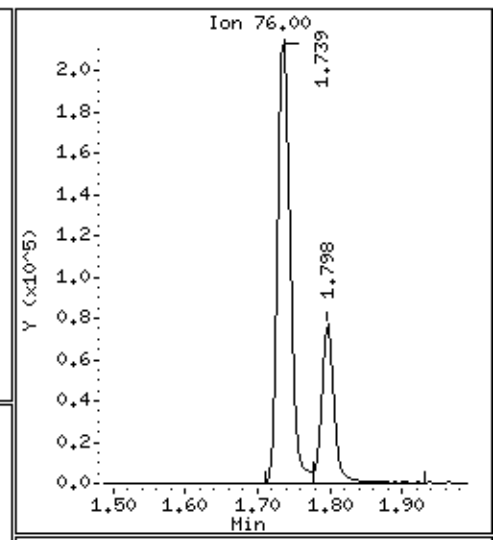
Review Code:

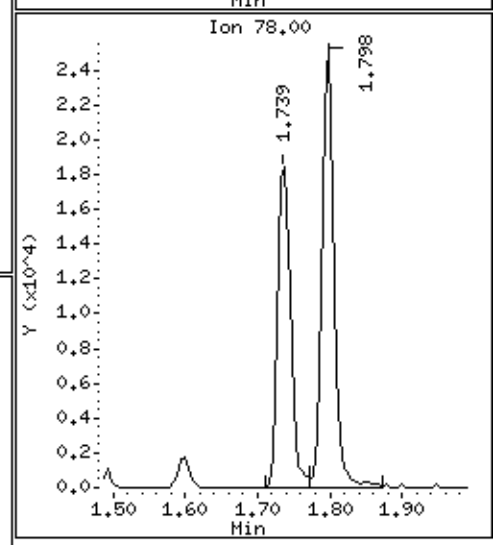












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

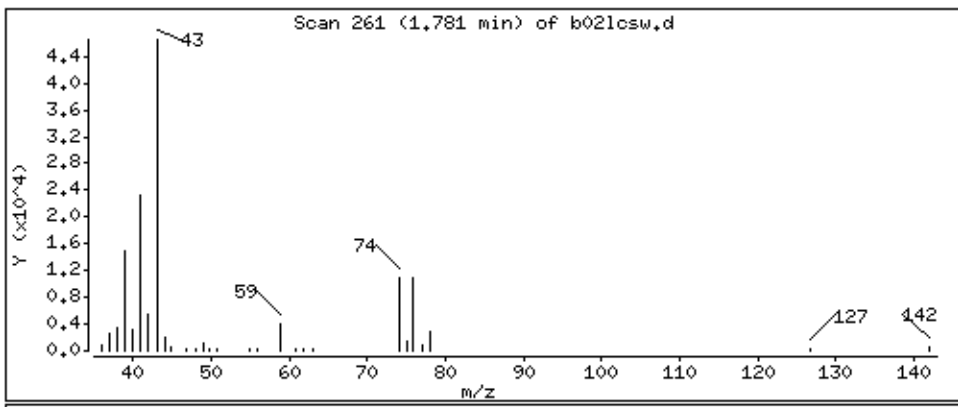
Column phase: DB-624

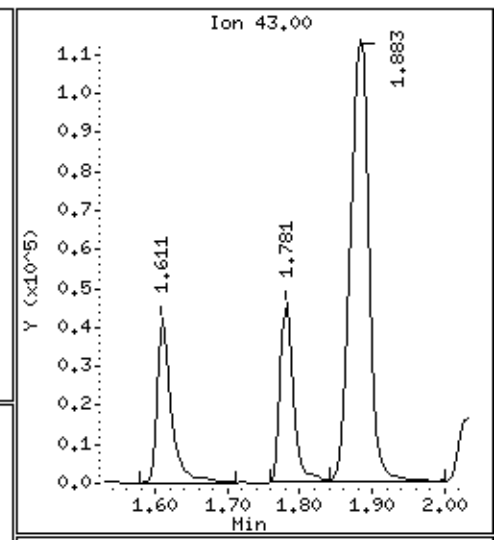
Column diameter: 0.18

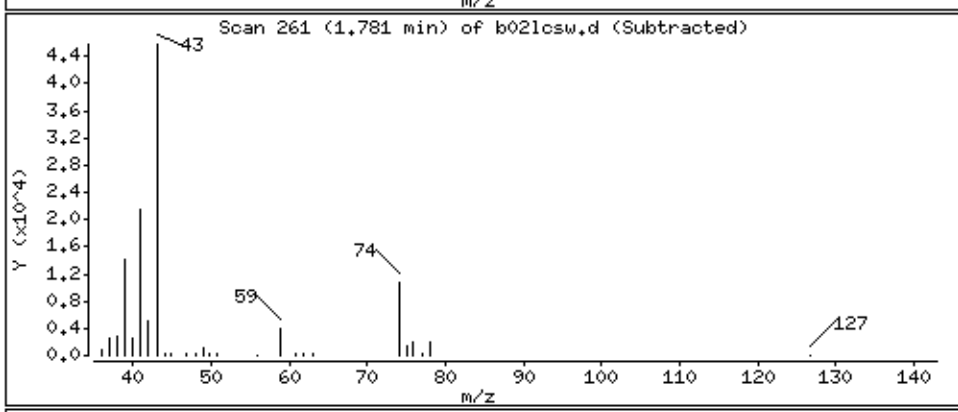
15 Methyl Acetate

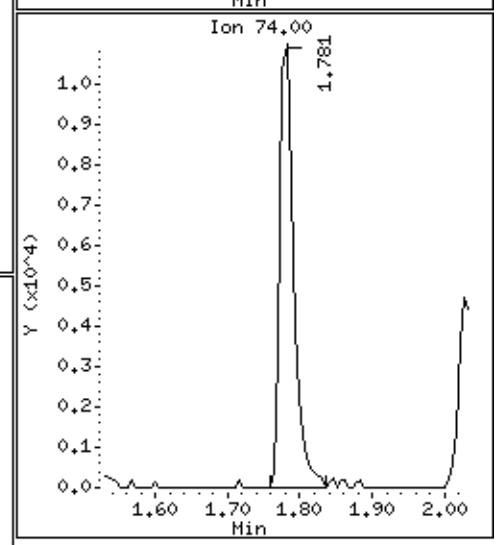
Concentration: 79.0 ppb

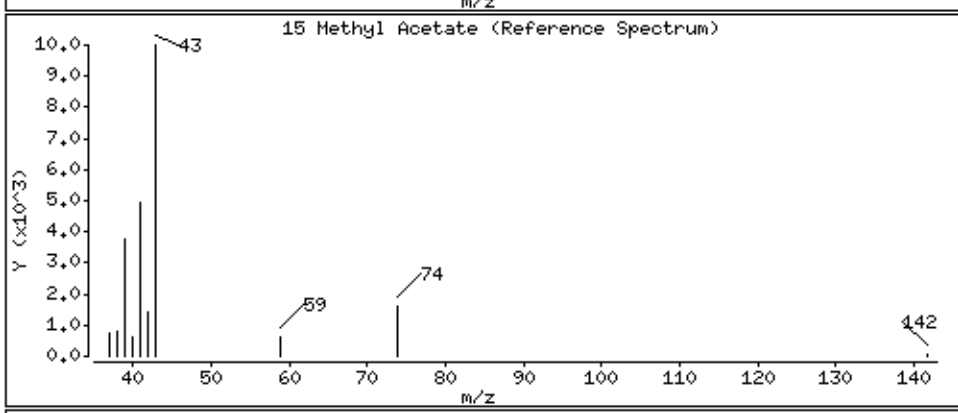
Review Code:

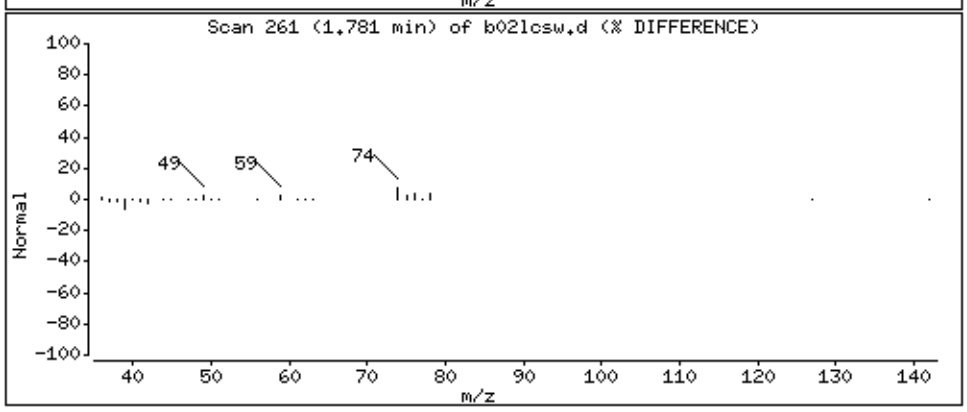












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

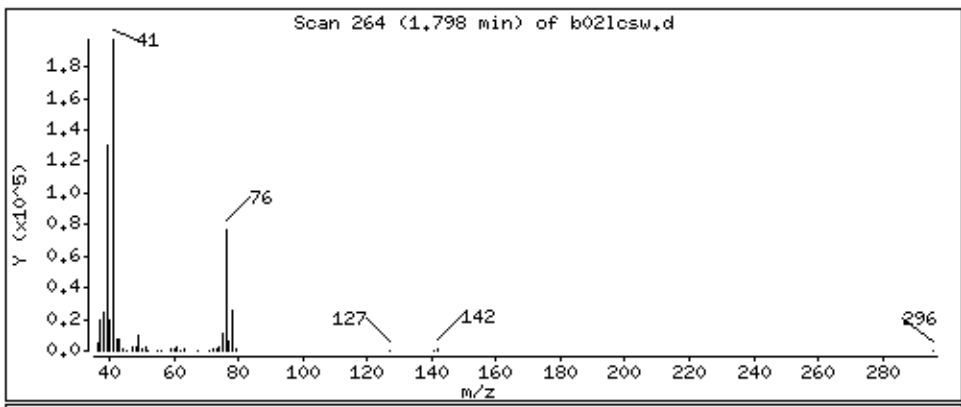
Column phase: DB-624

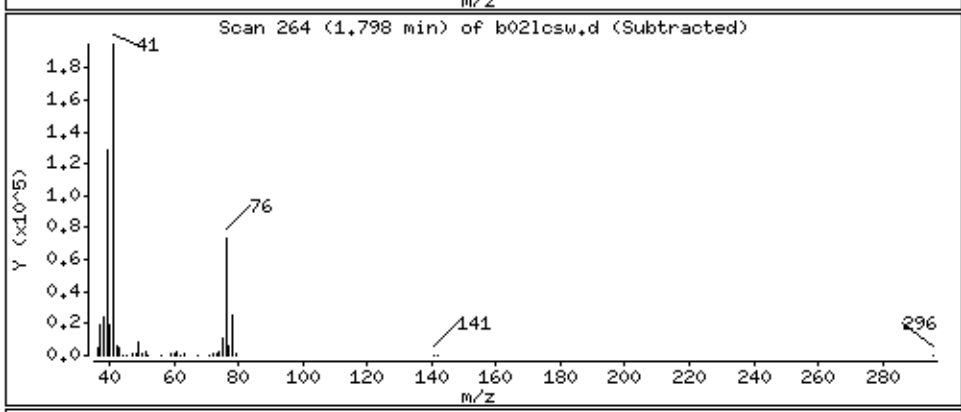
Column diameter: 0.18

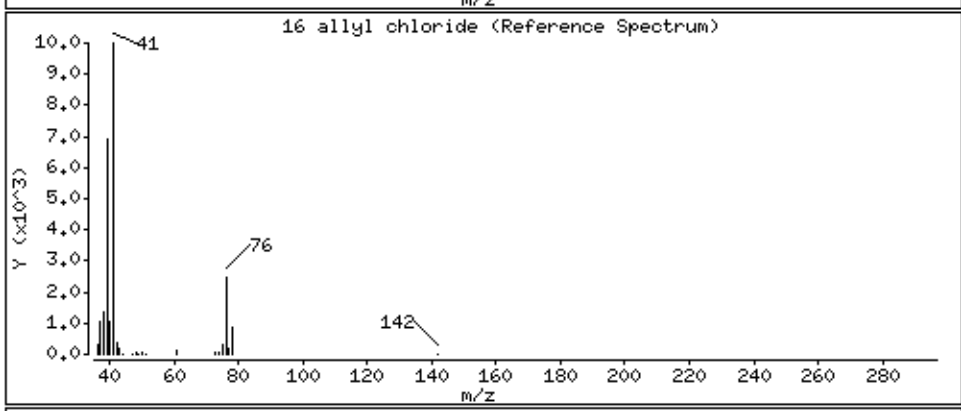
16 allyl chloride

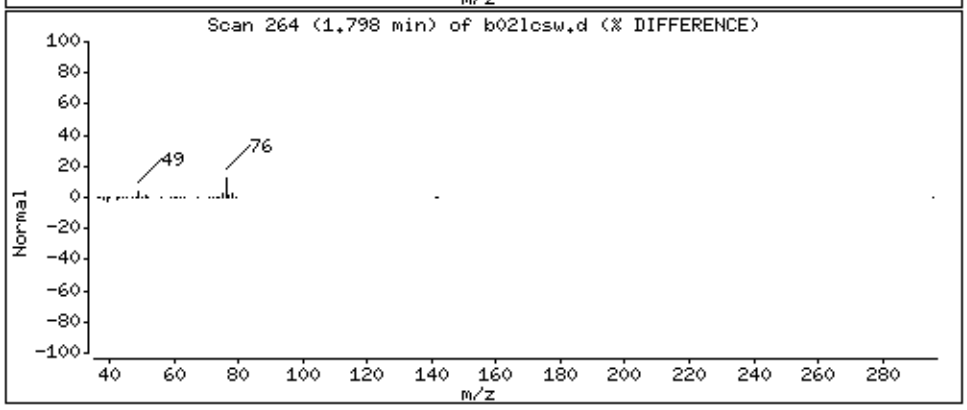
Concentration: 86.3 ppb

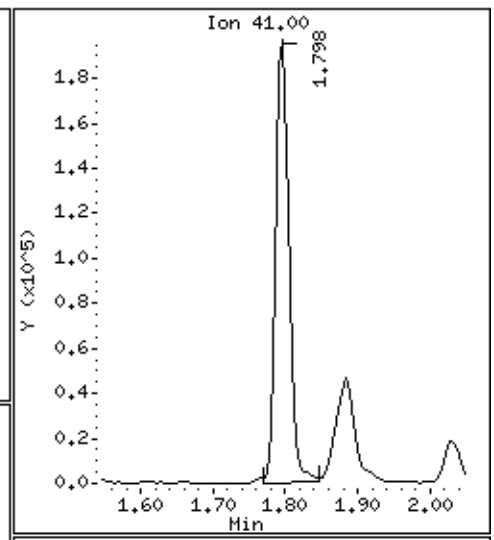
Review Code:

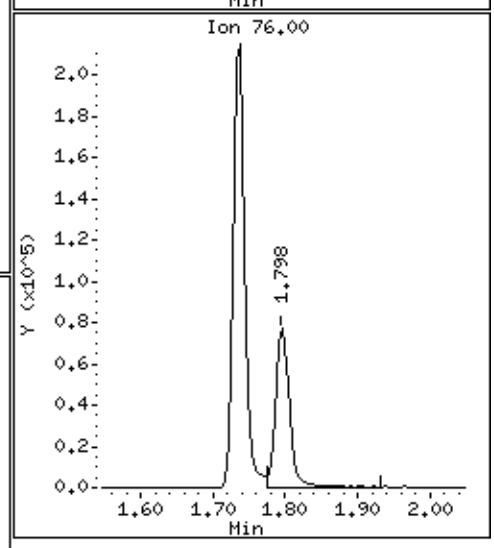












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

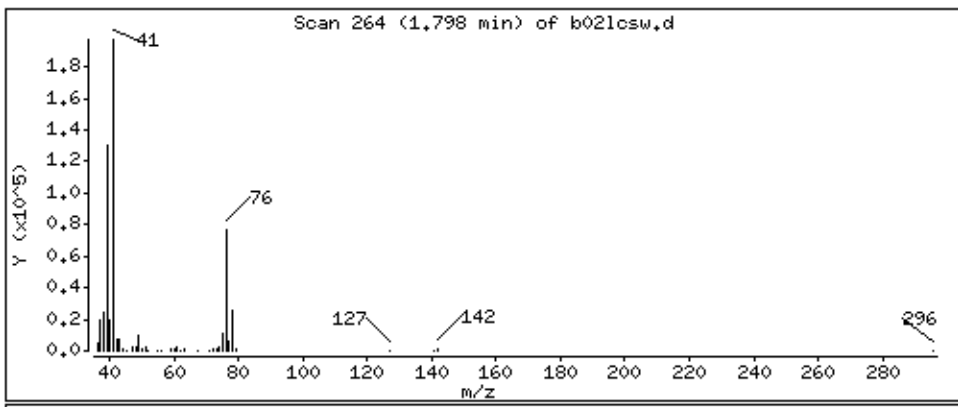
Column phase: DB-624

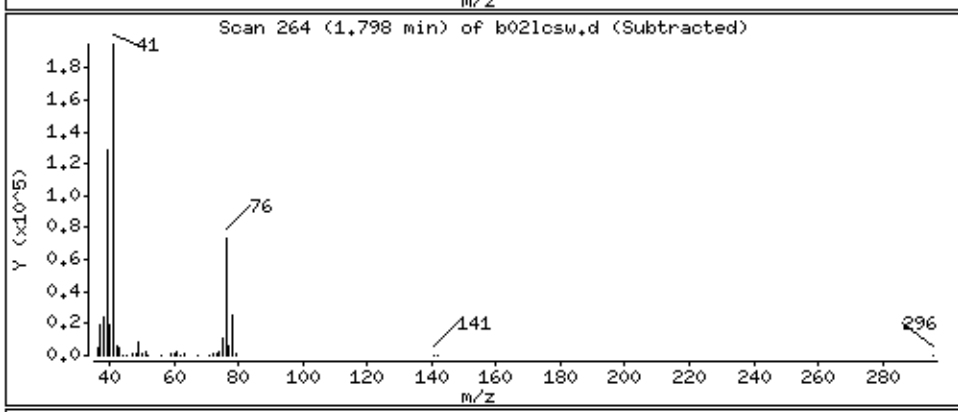
Column diameter: 0.18

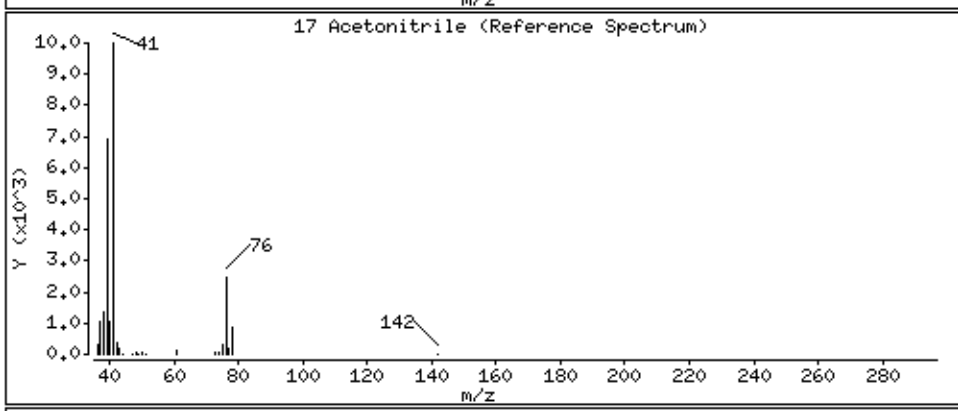
17 Acetonitrile

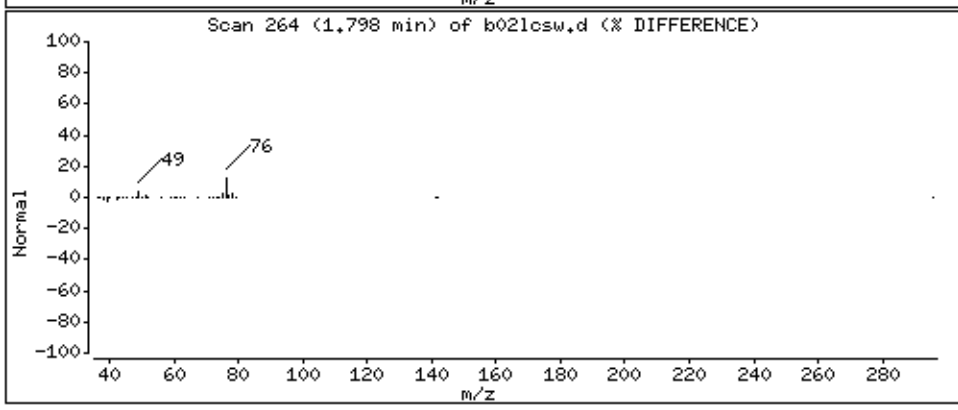
Concentration: 37.5 ppb

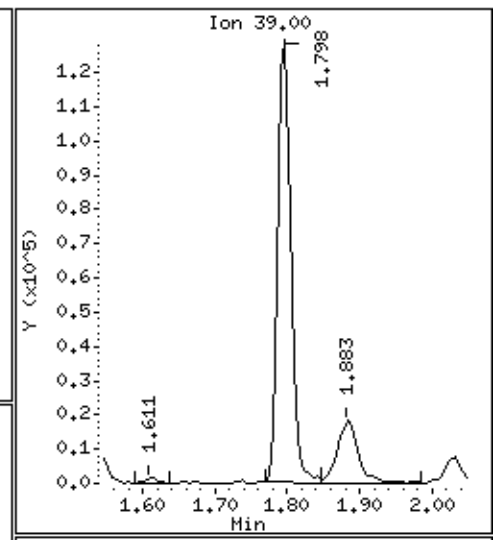
Review Code:

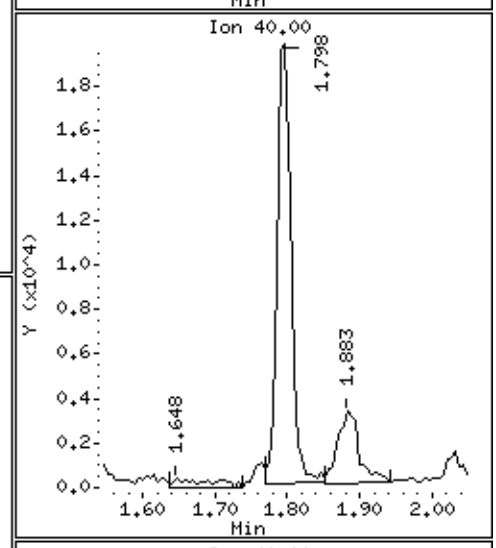


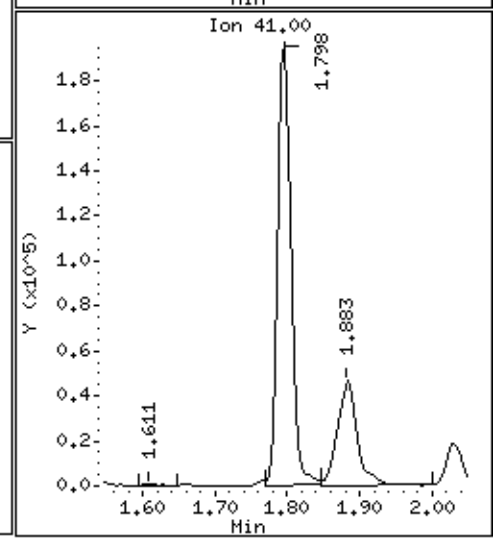












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

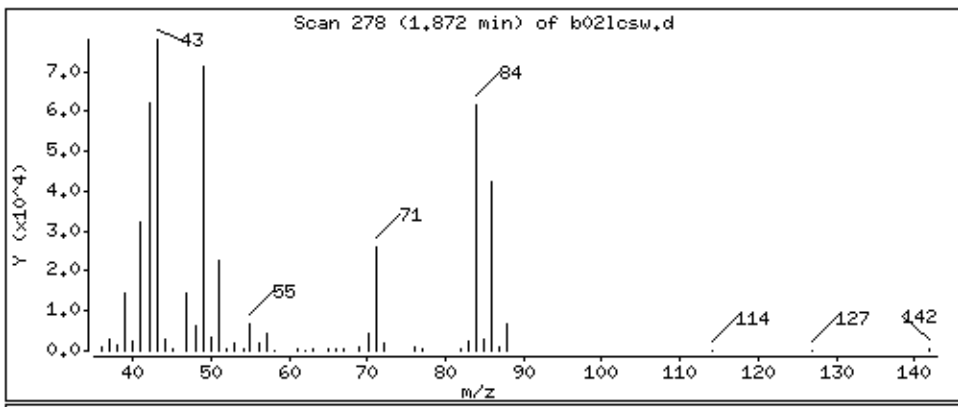
Column phase: DB-624

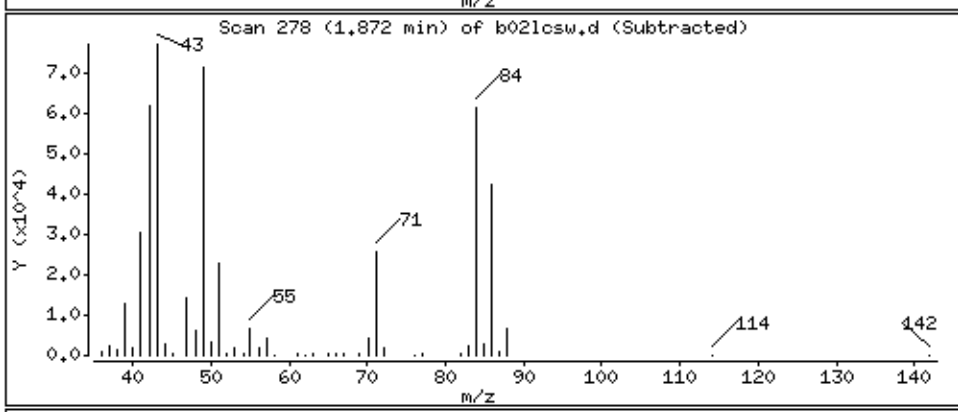
Column diameter: 0.18

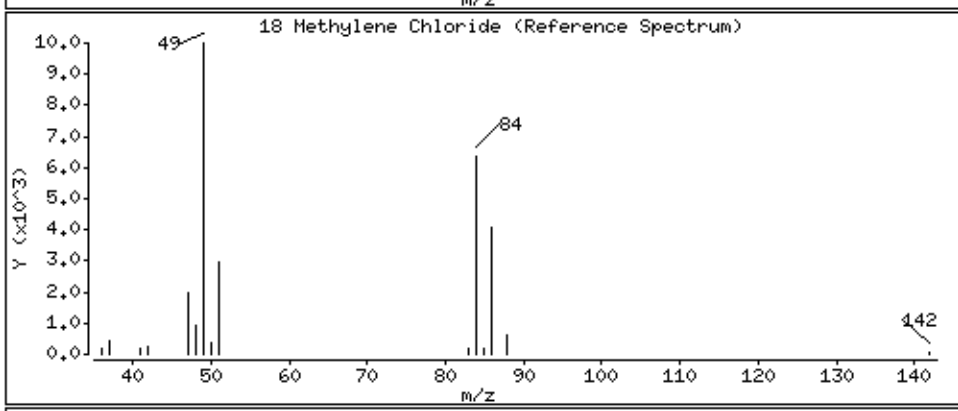
18 Methylene Chloride

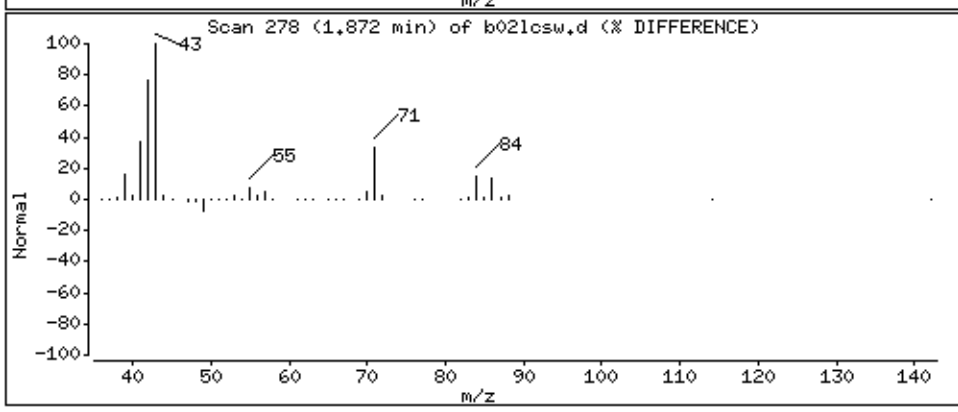
Concentration: 50.9 ppb

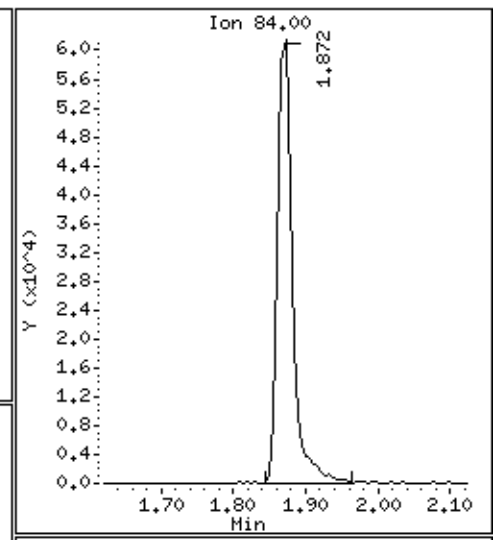
Review Code:

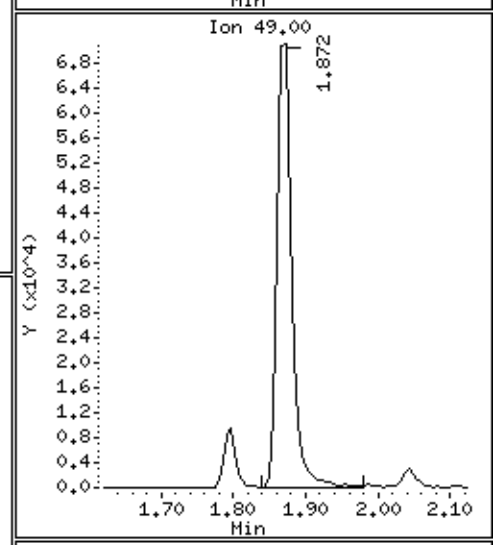


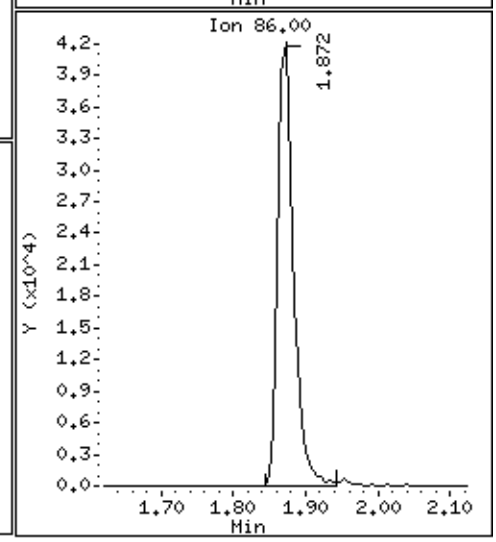












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

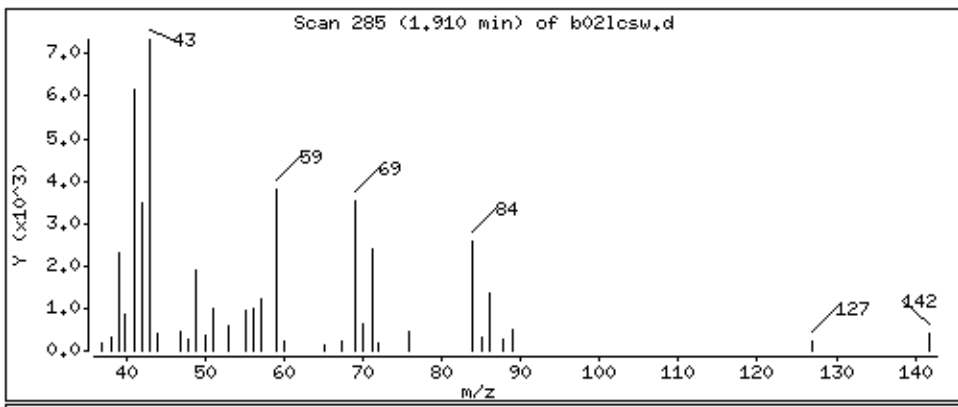
Column phase: DB-624

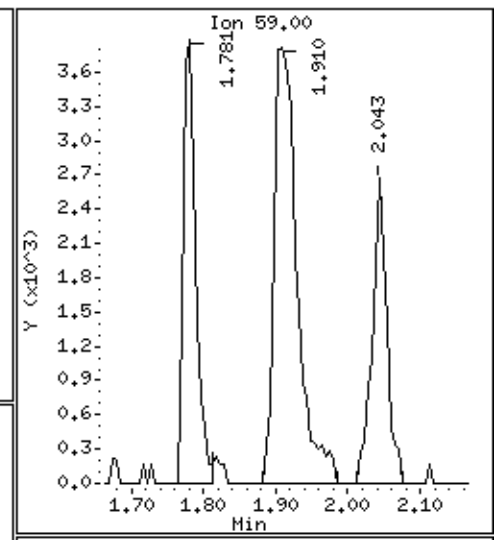
Column diameter: 0.18

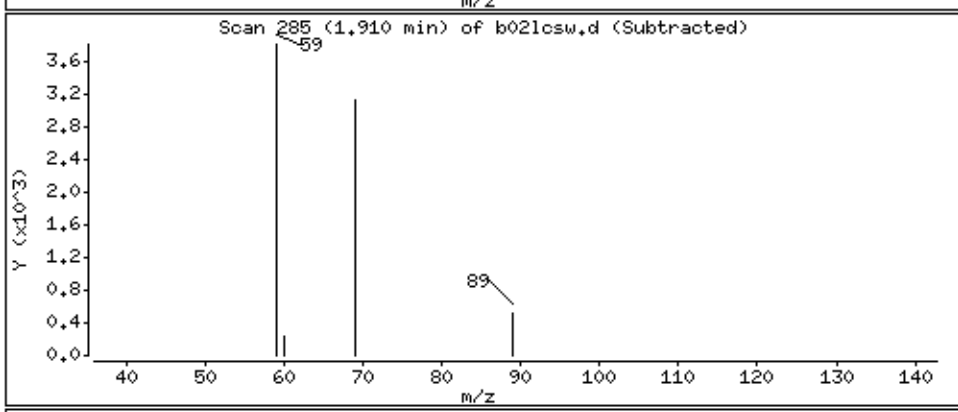
19 tert-Butyl Alcohol

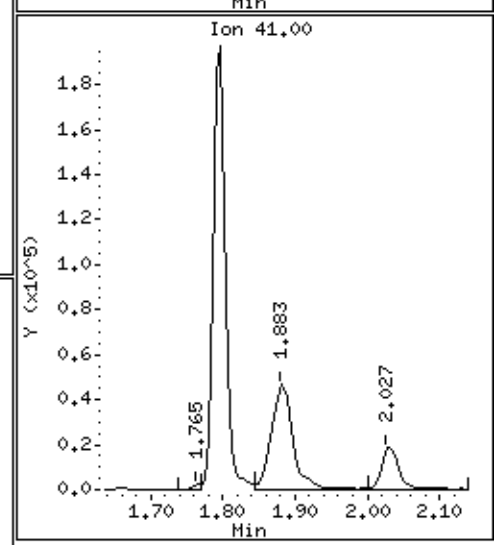
Concentration: 70.8 ppb

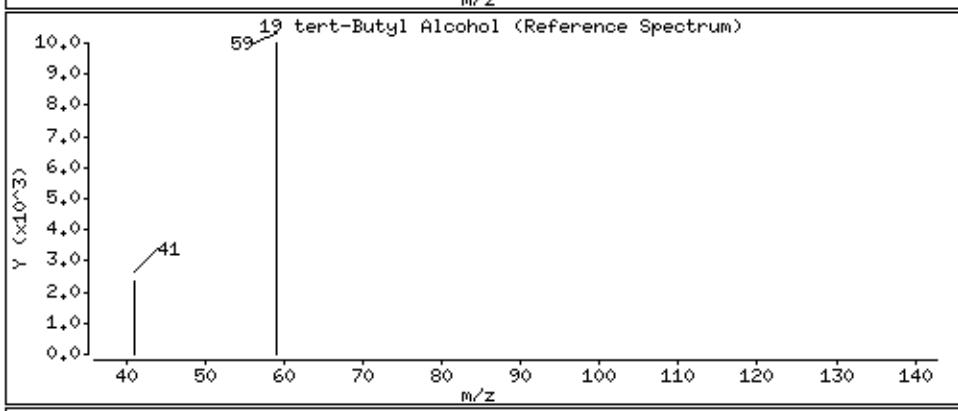
Review Code:

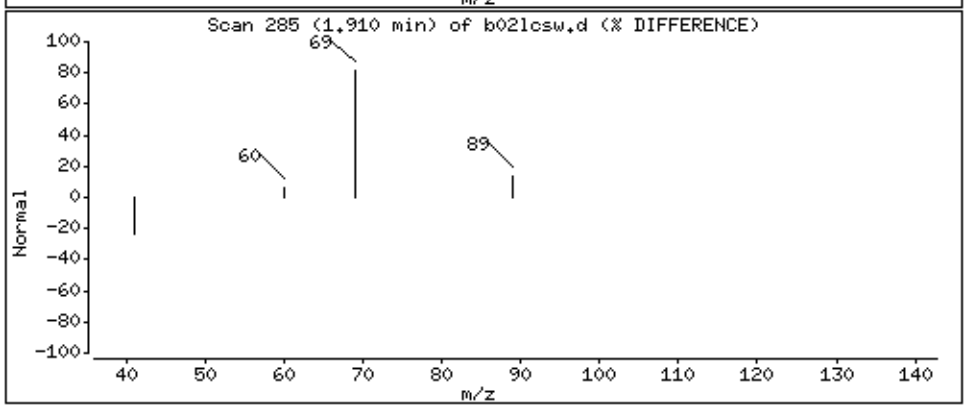












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

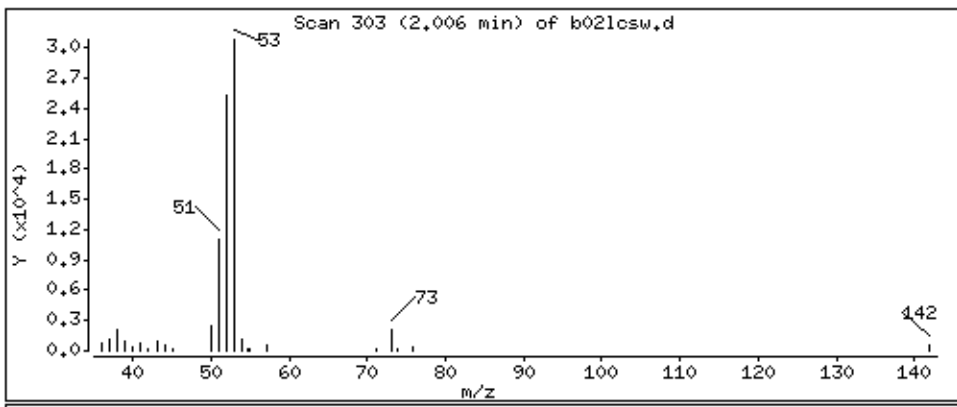
Column phase: DB-624

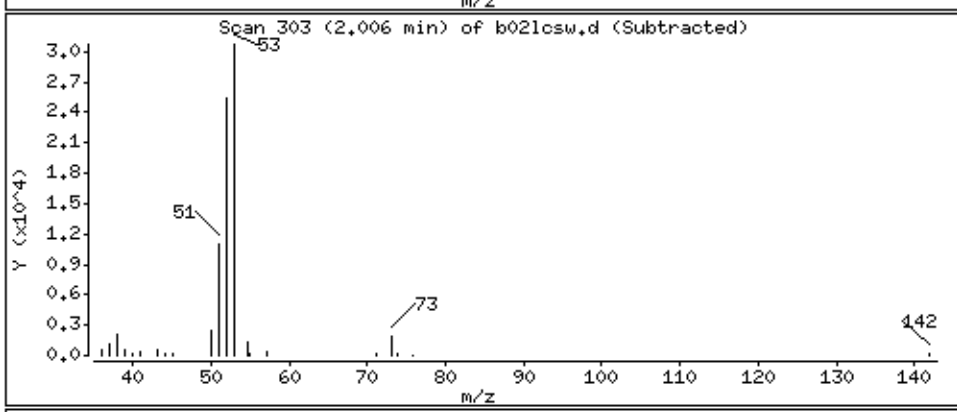
Column diameter: 0.18

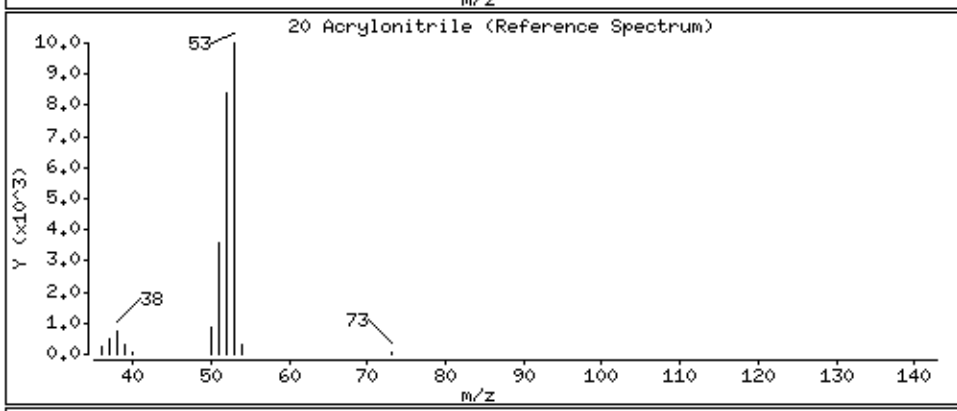
20 Acrylonitrile

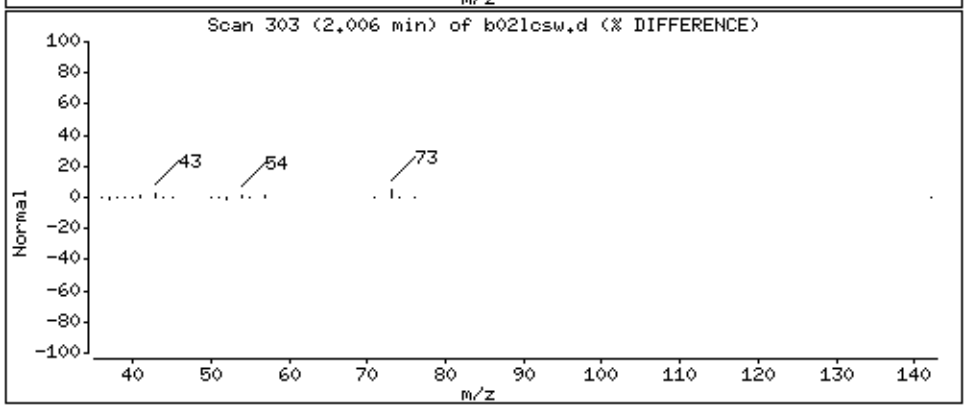
Concentration: 160 ppb

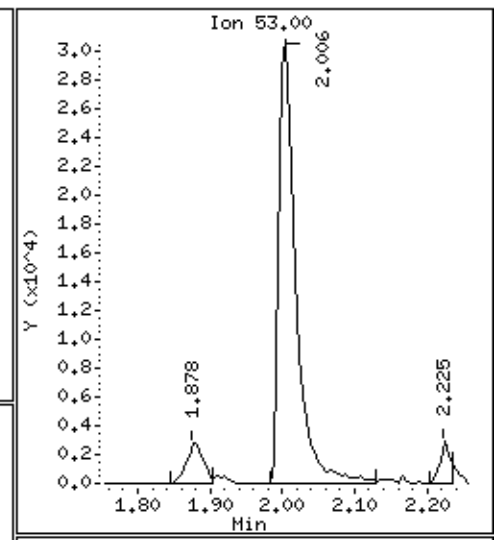
Review Code:

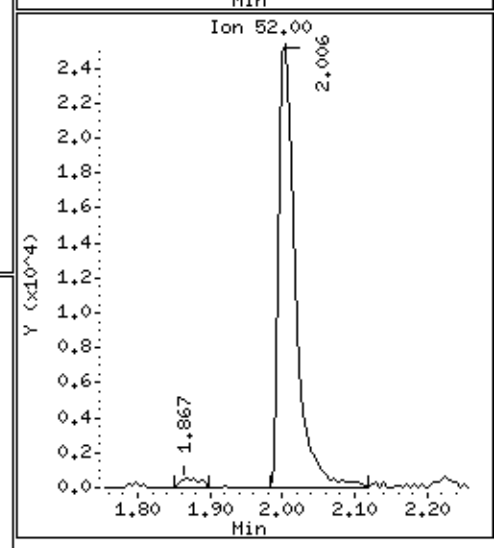












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

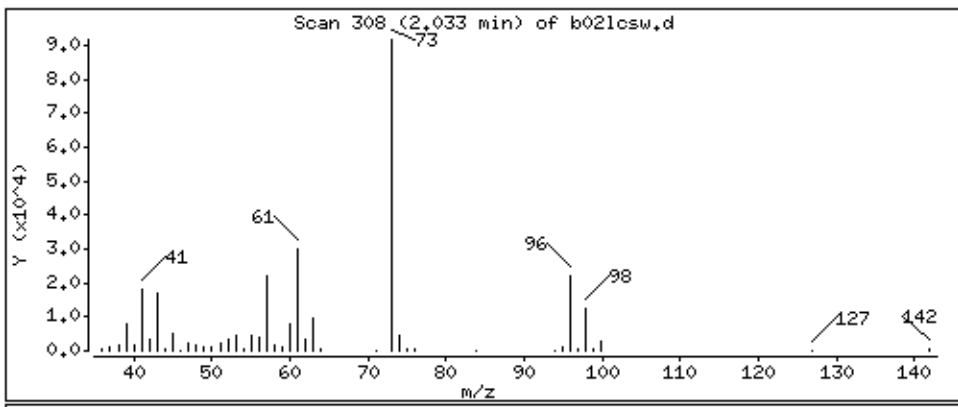
Column phase: DB-624

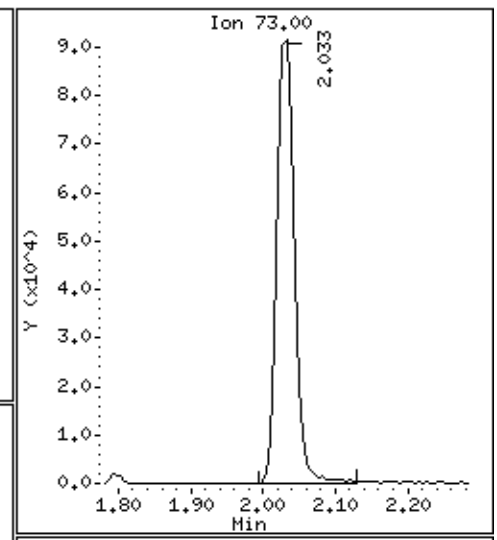
Column diameter: 0.18

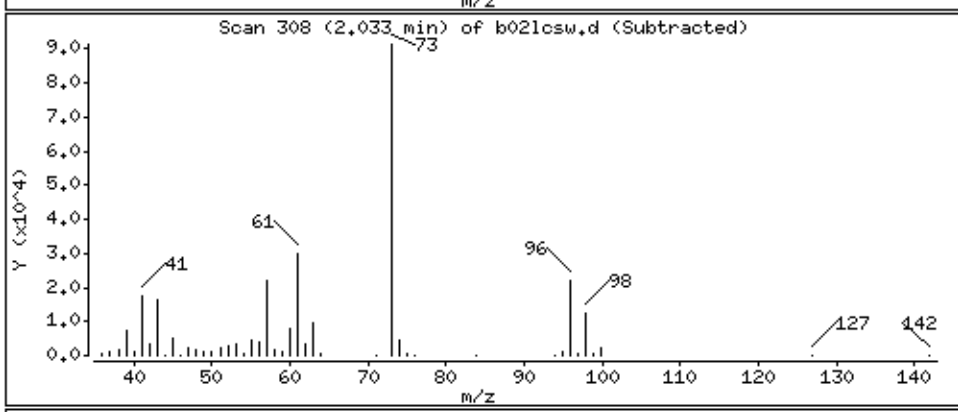
21 Methyl-tert-butyl ether

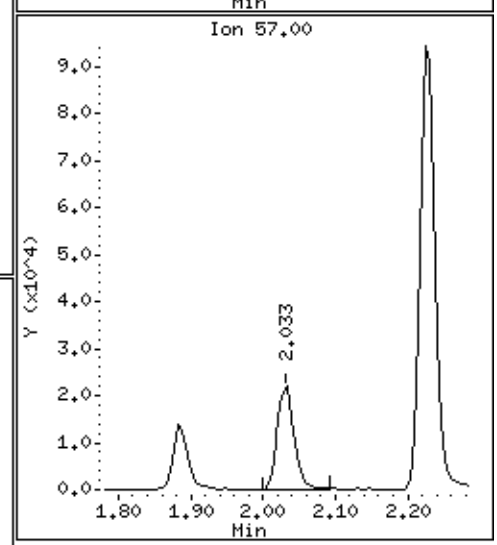
Concentration: 38.9 ppb

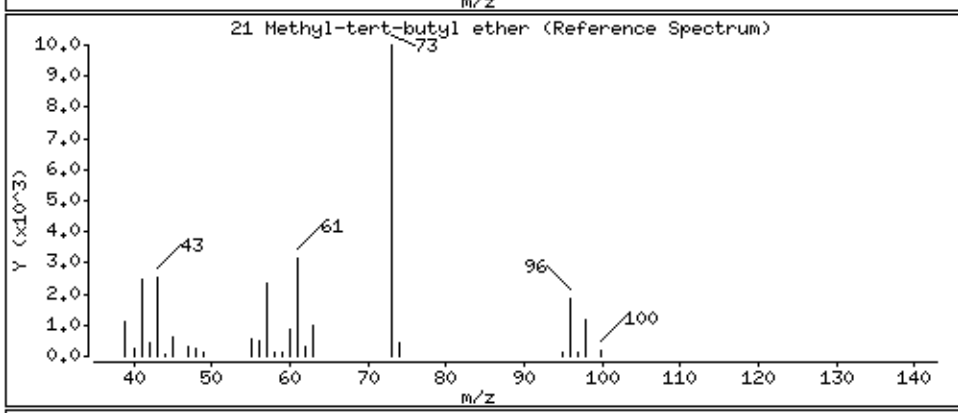
Review Code:

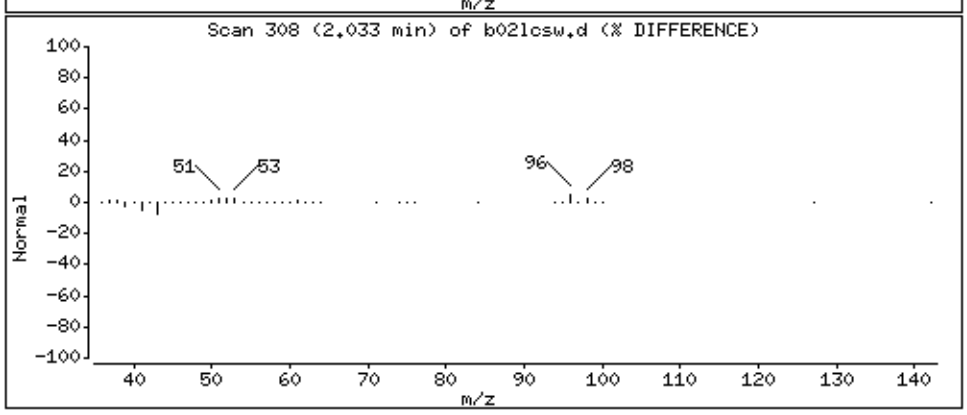












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

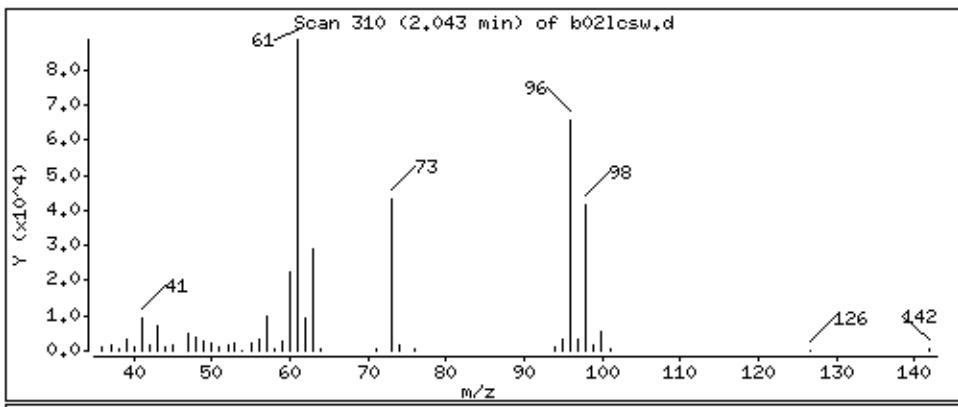
Column phase: DB-624

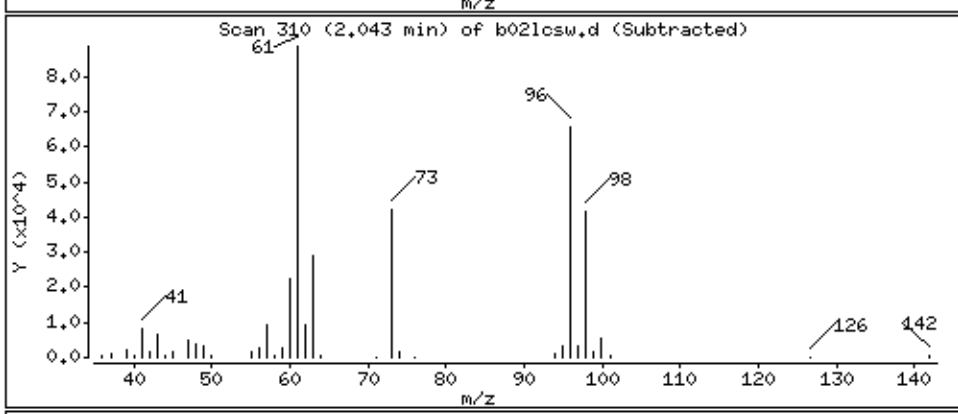
Column diameter: 0.18

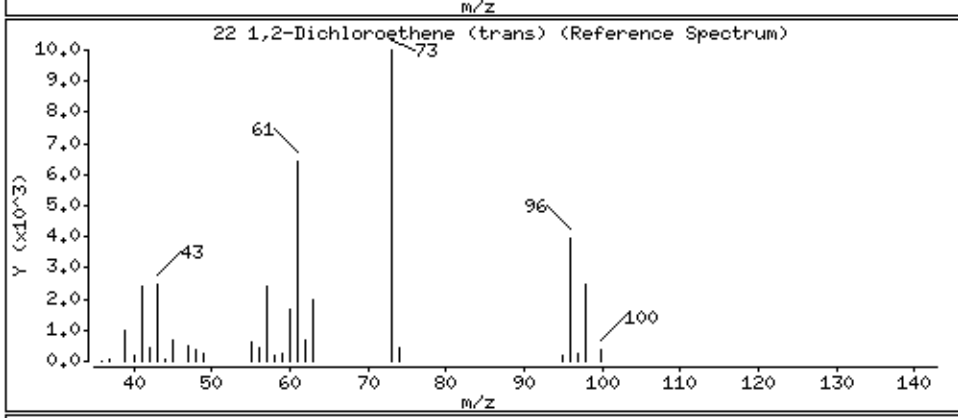
22 1,2-Dichloroethene (trans)

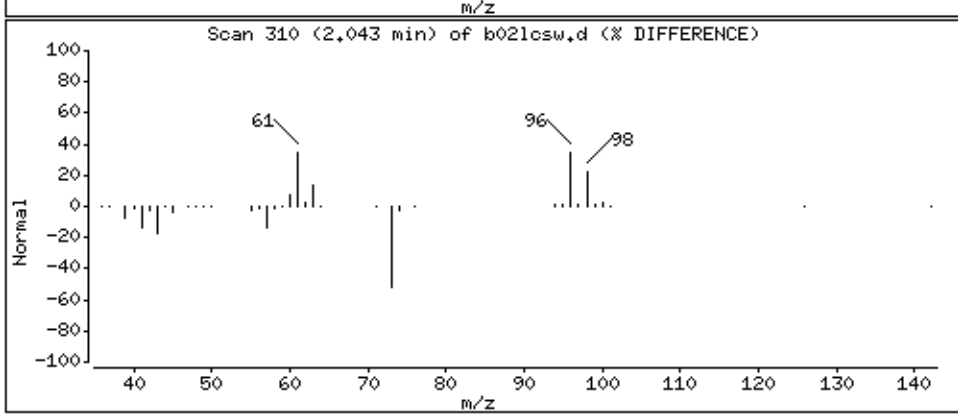
Concentration: 44.0 ppb

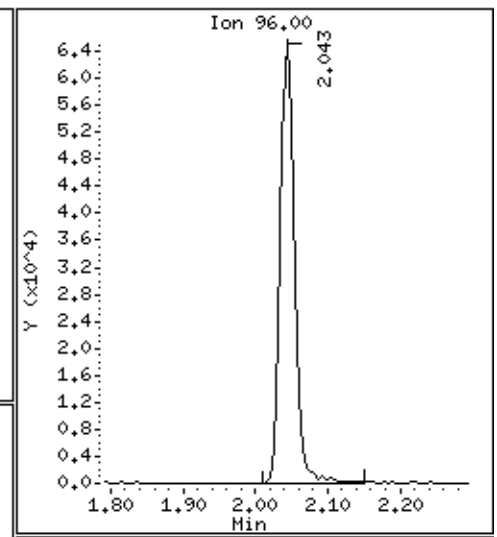
Review Code:

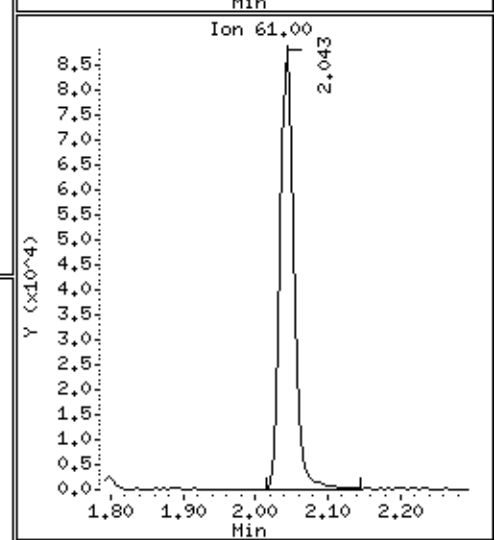


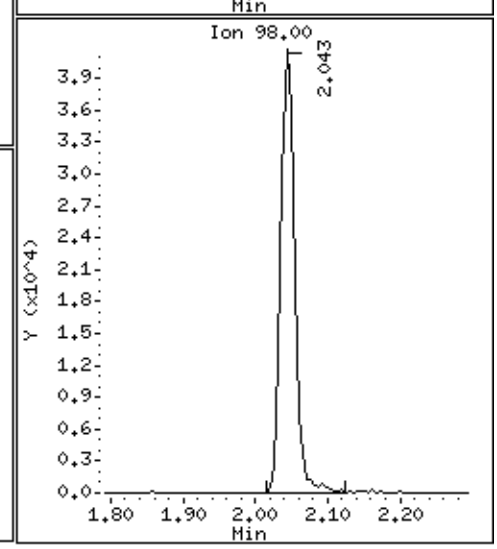












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

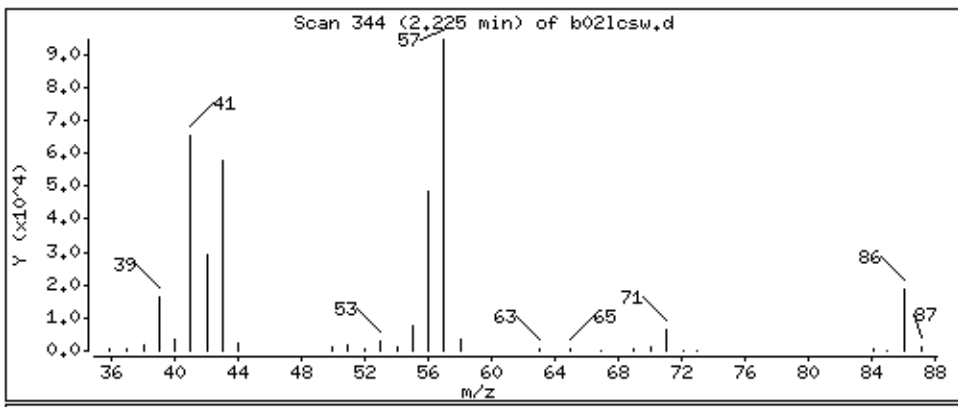
Column phase: DB-624

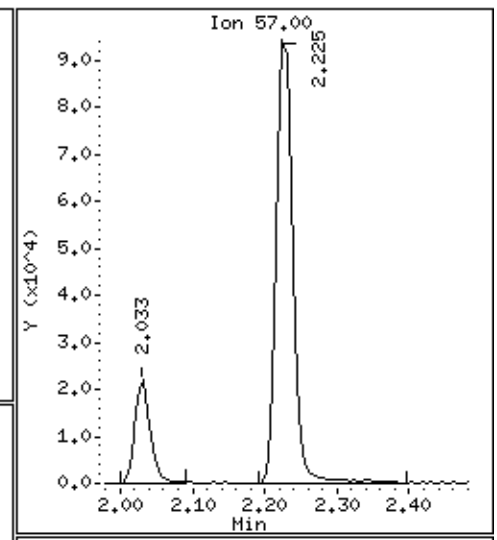
Column diameter: 0.18

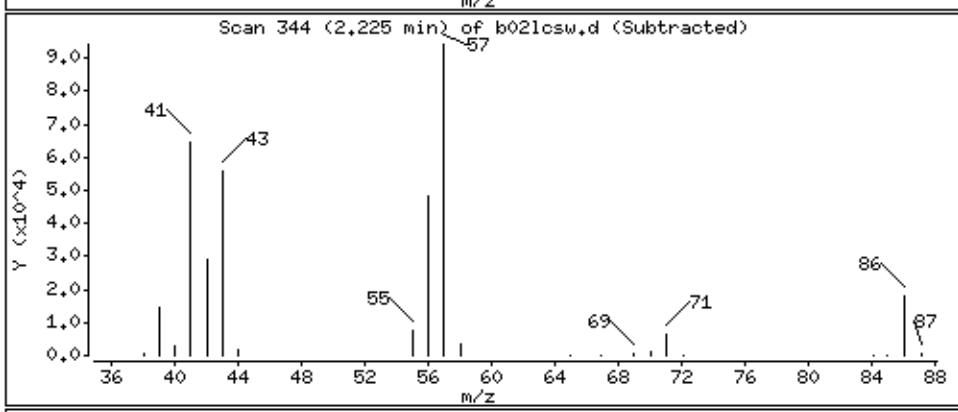
23 n-Hexane

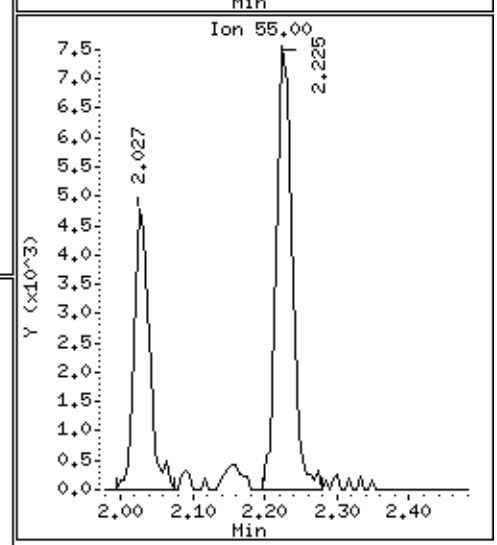
Concentration: 38.5 ppb

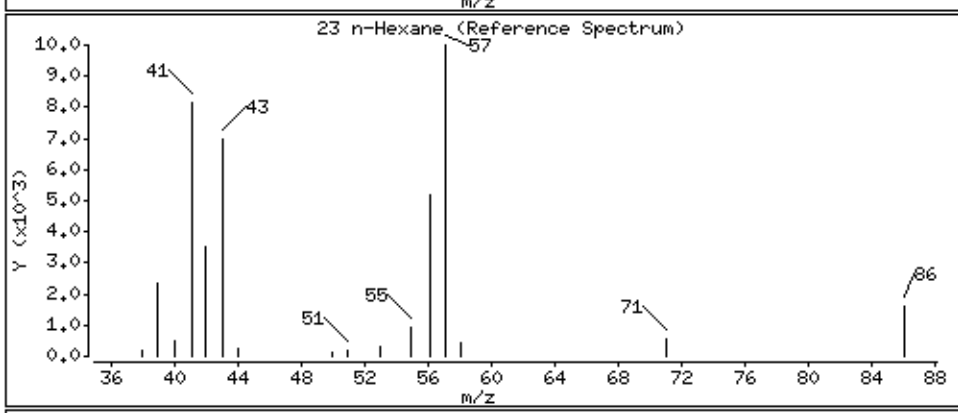
Review Code:

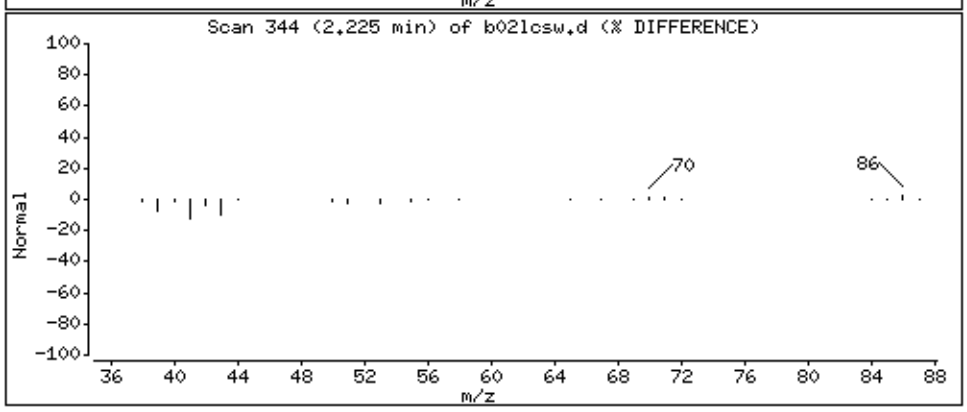












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

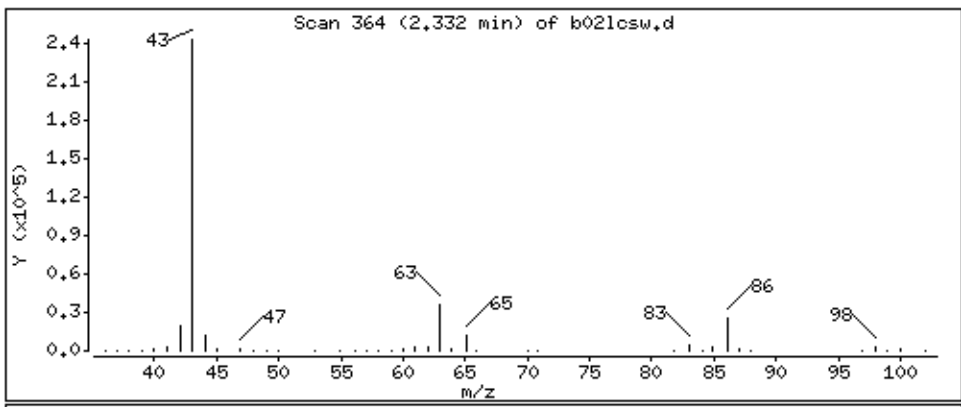
Column phase: DB-624

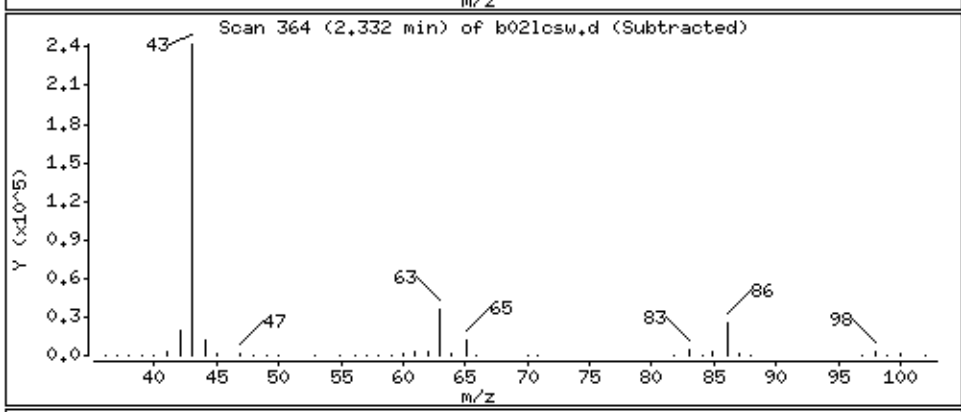
Column diameter: 0.18

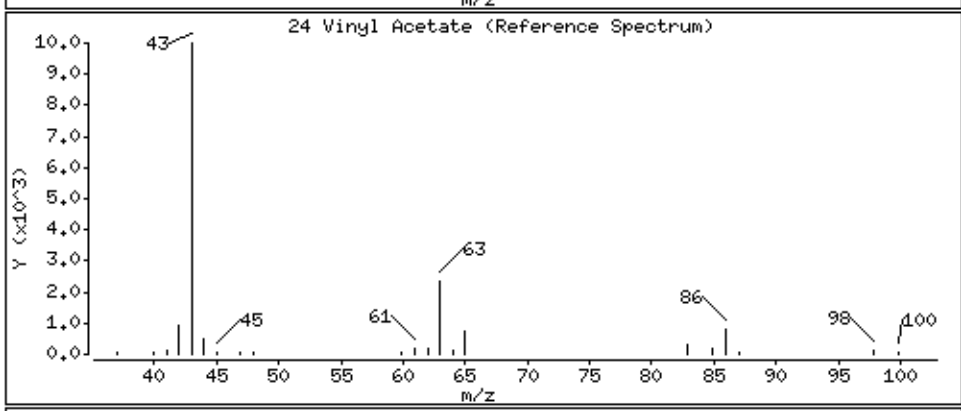
24 Vinyl Acetate

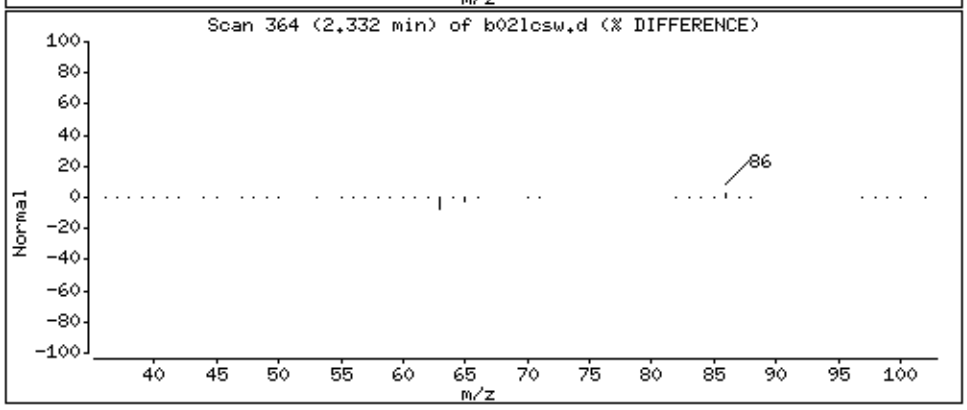
Concentration: 162 ppb

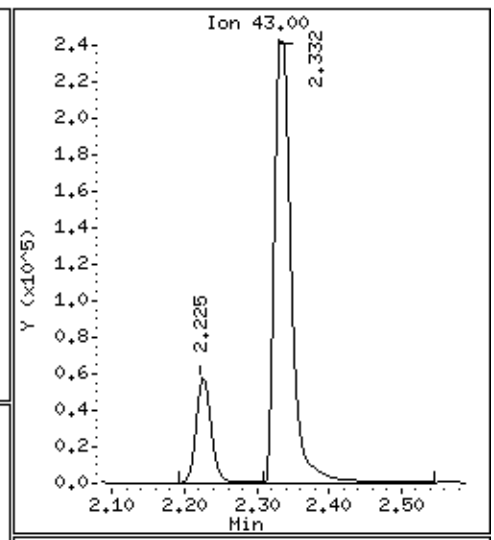
Review Code:

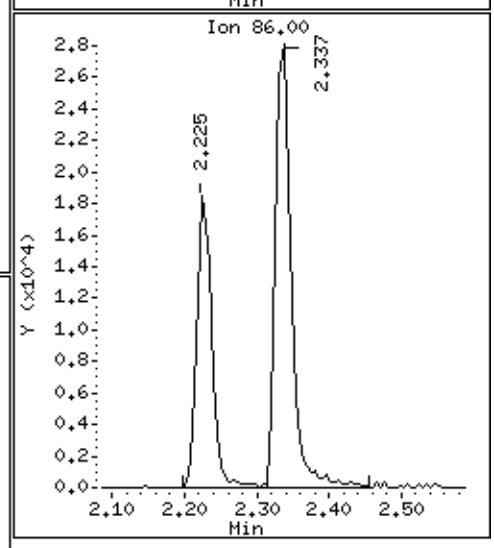












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

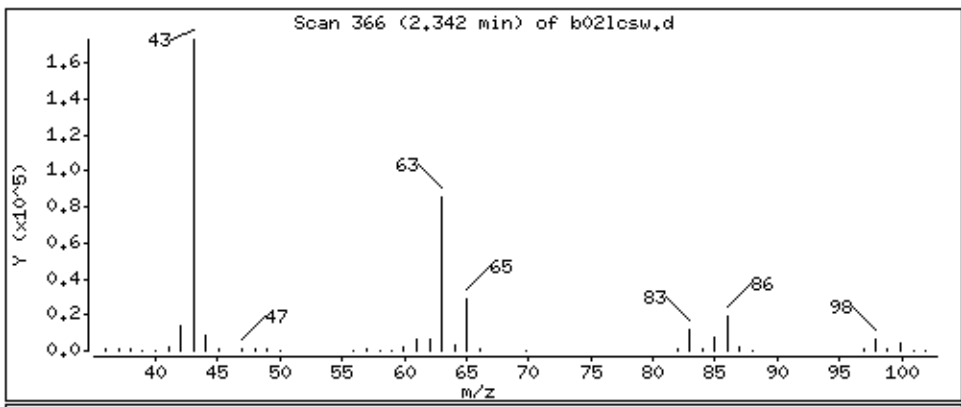
Column phase: DB-624

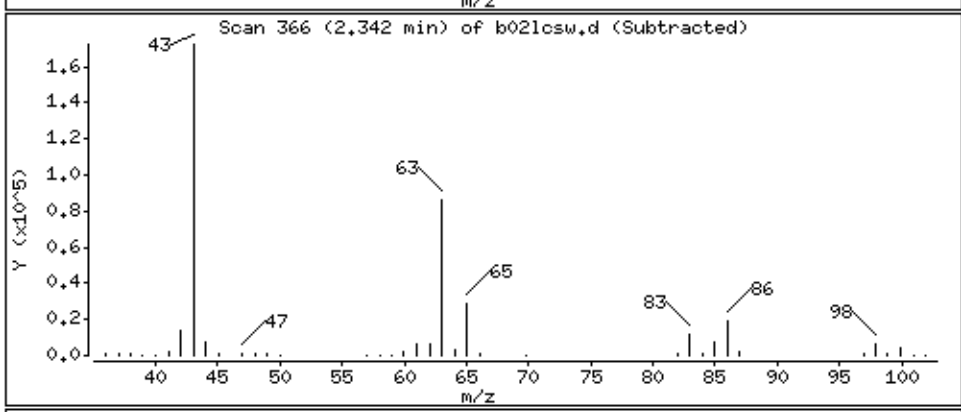
Column diameter: 0.18

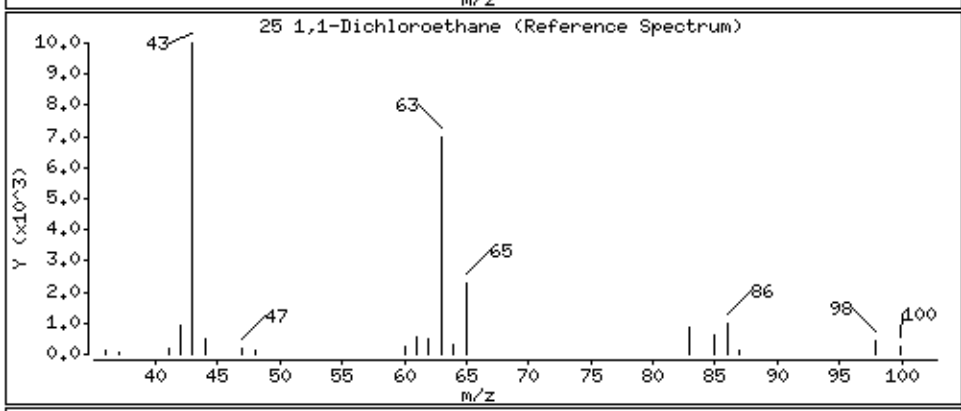
25 1,1-Dichloroethane

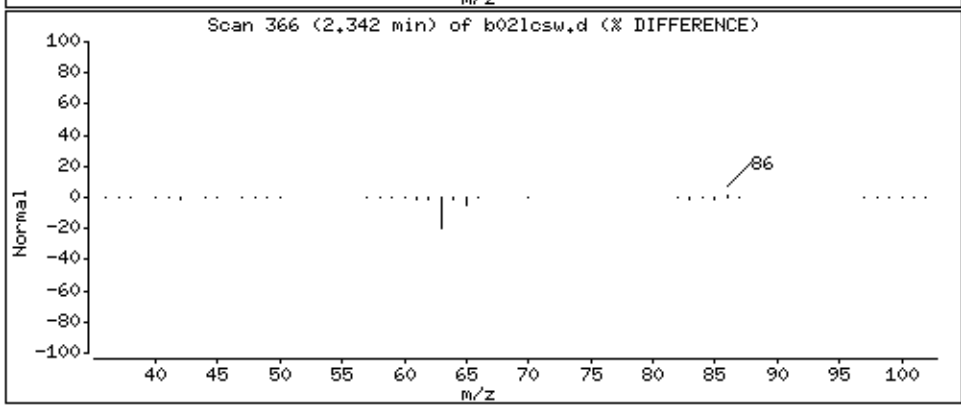
Concentration: 40.6 ppb

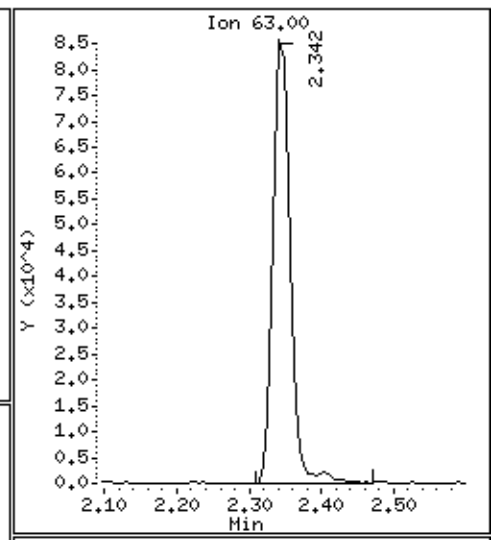
Review Code:

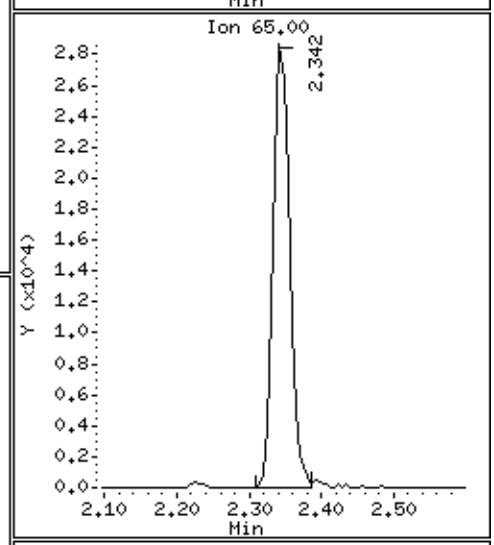


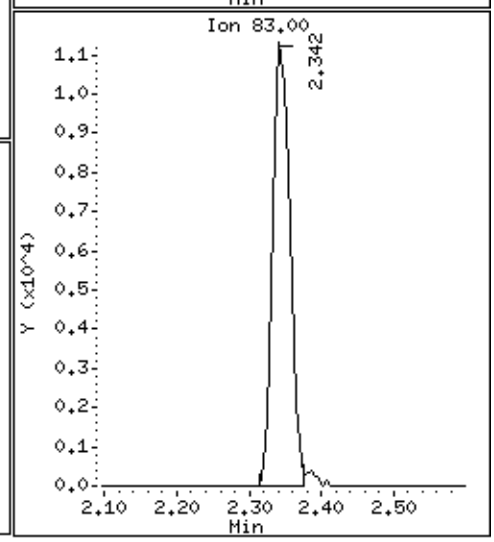












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

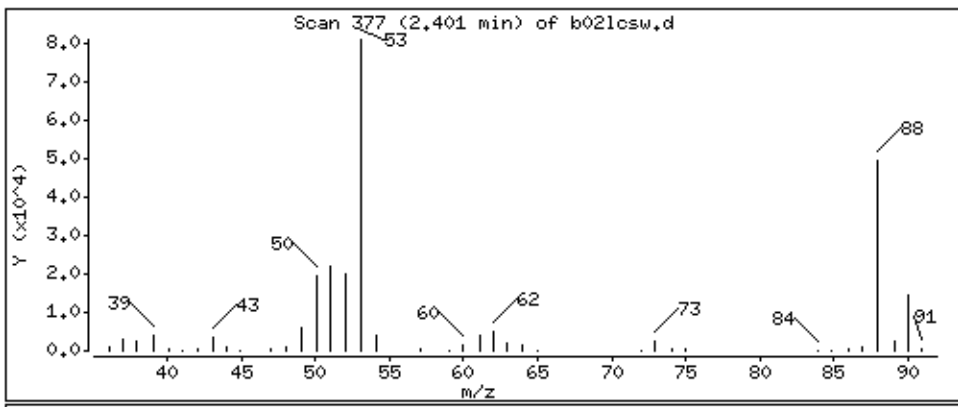
Column phase: DB-624

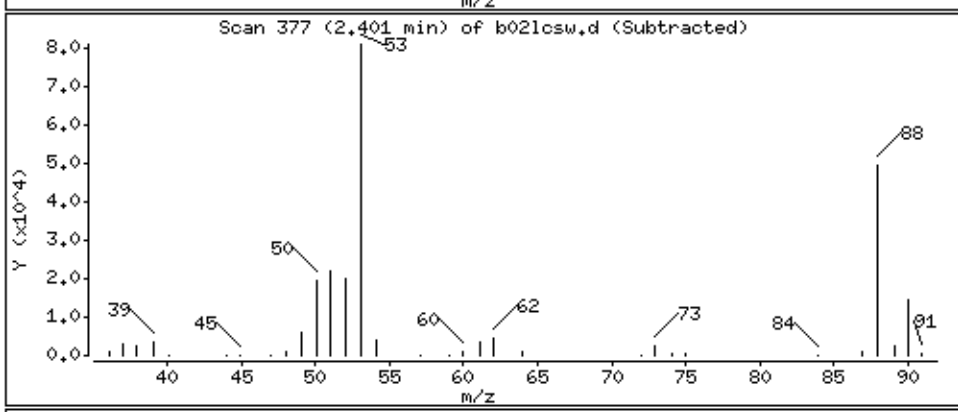
Column diameter: 0.18

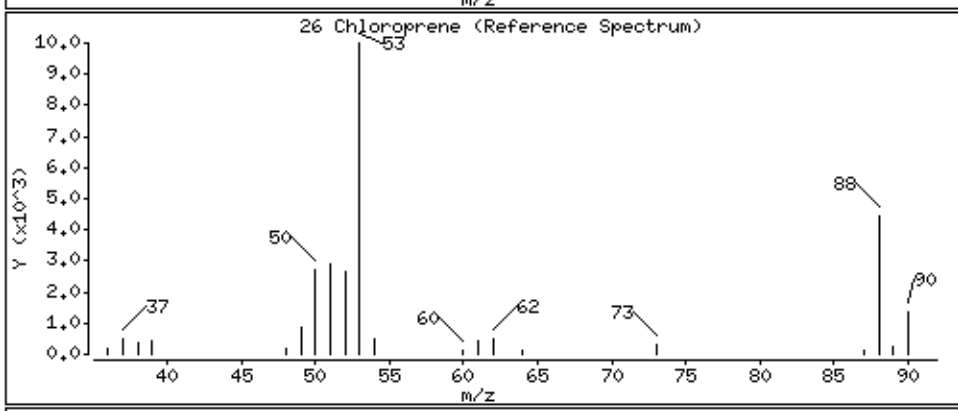
26 Chloroprene

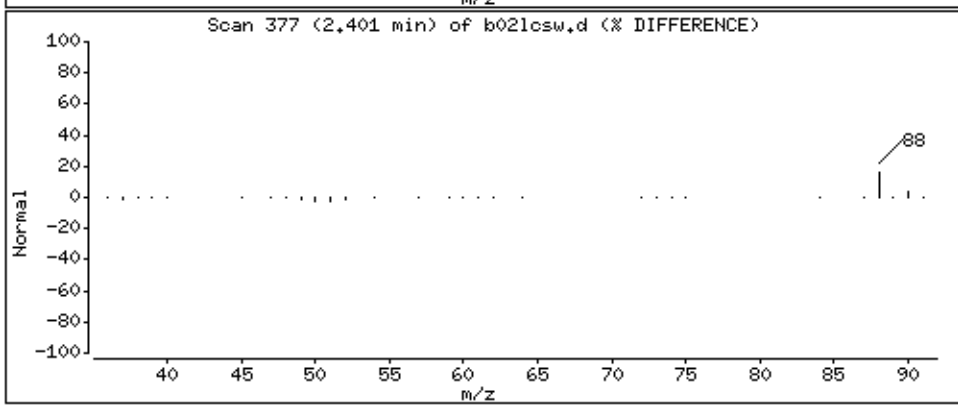
Concentration: 37.9 ppb

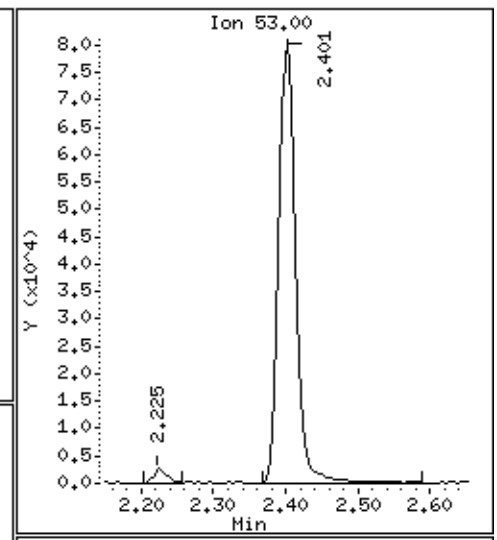
Review Code:

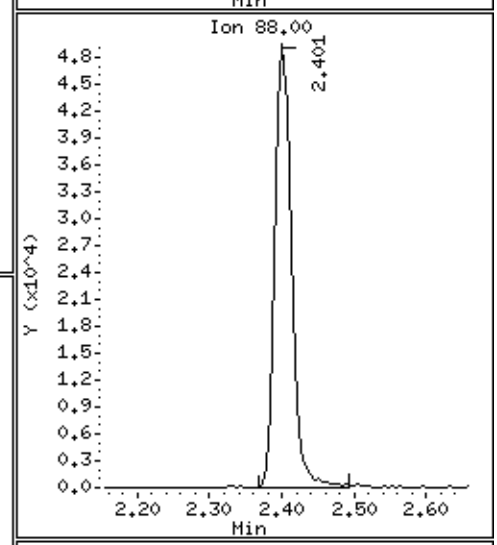


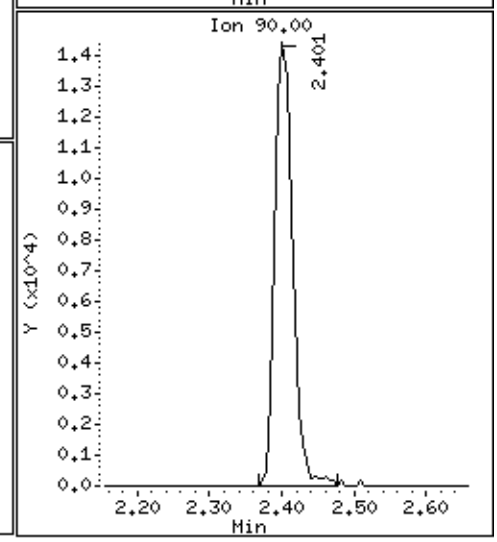












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

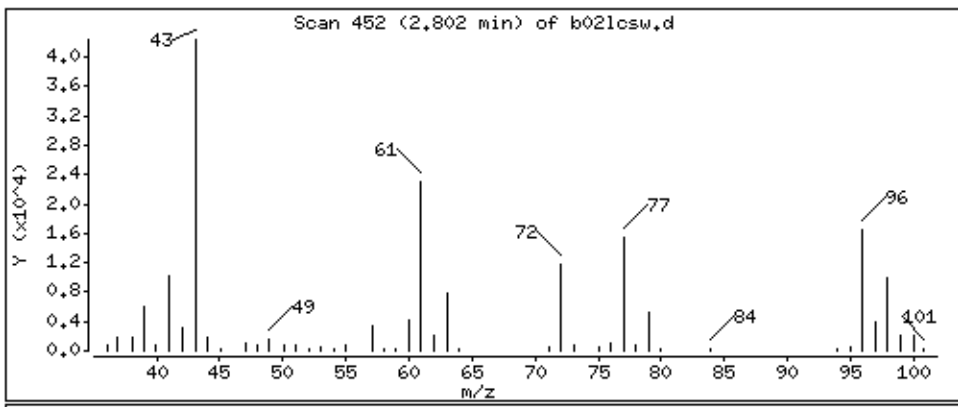
Column phase: DB-624

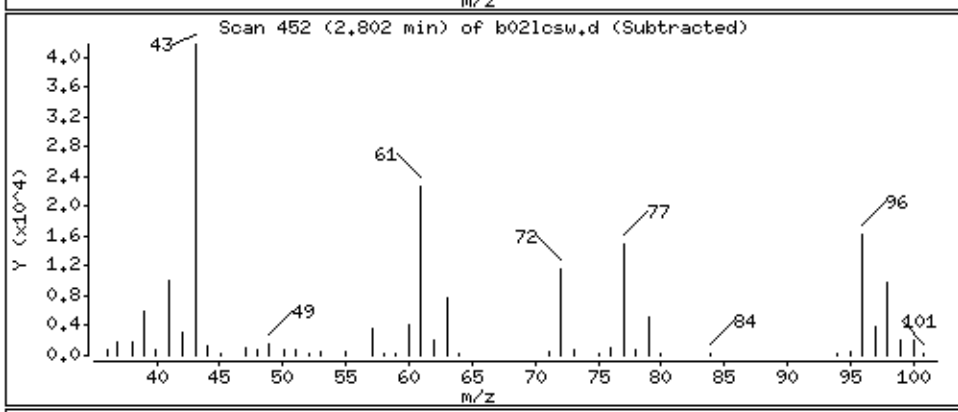
Column diameter: 0.18

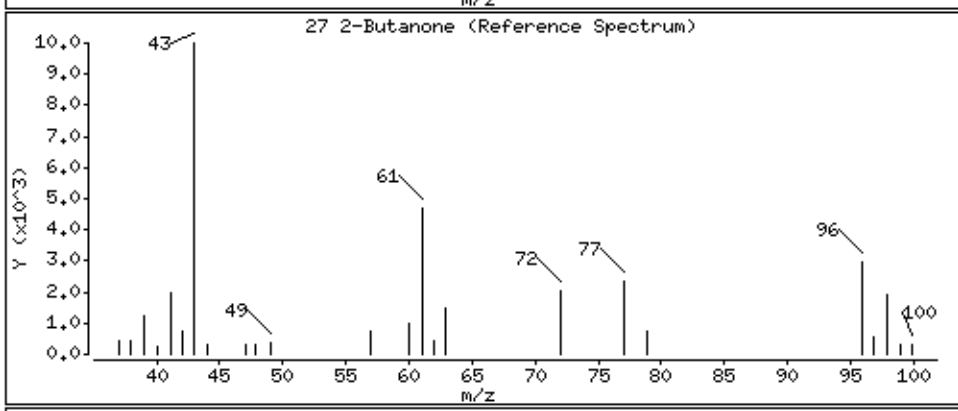
27 2-Butanone

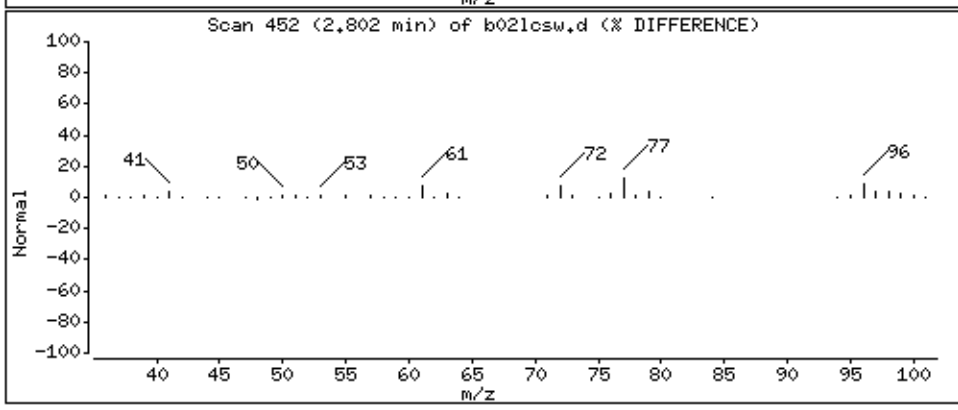
Concentration: 259 ppb

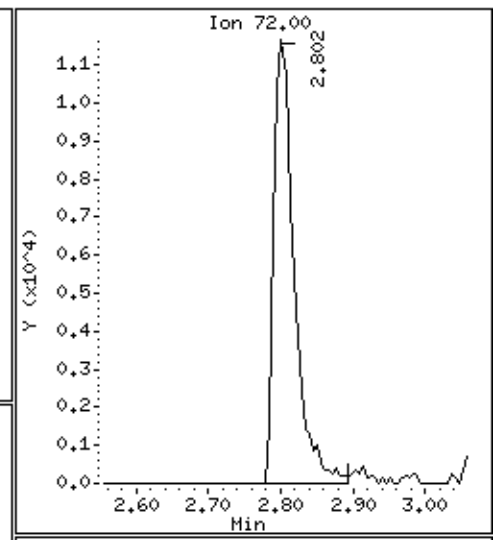
Review Code:

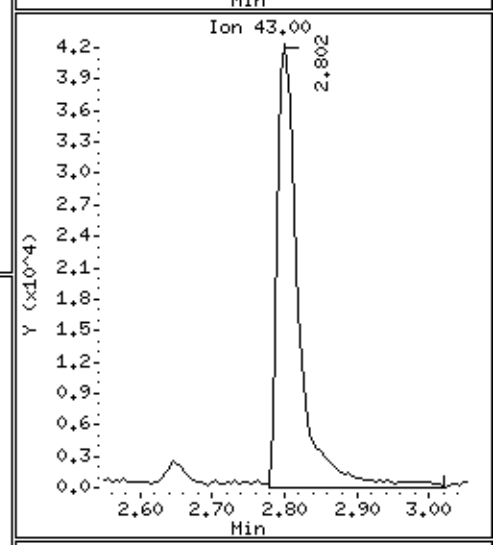


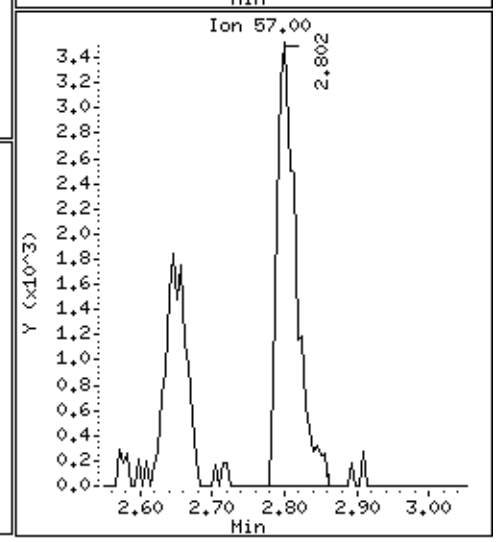












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

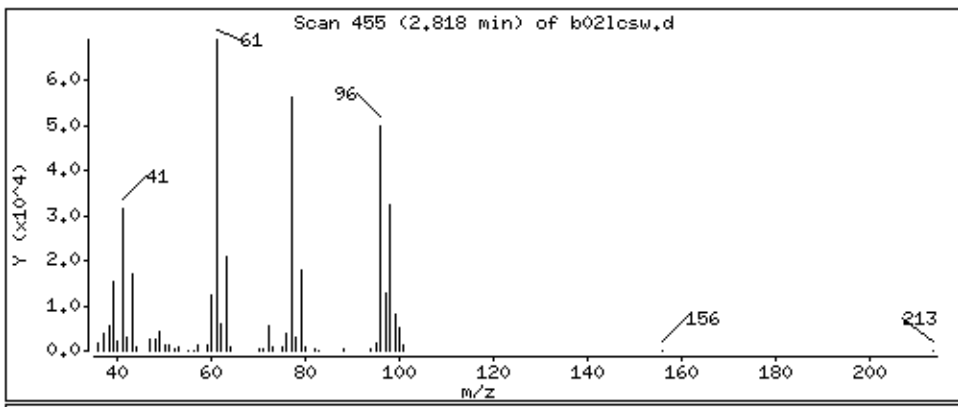
Column phase: DB-624

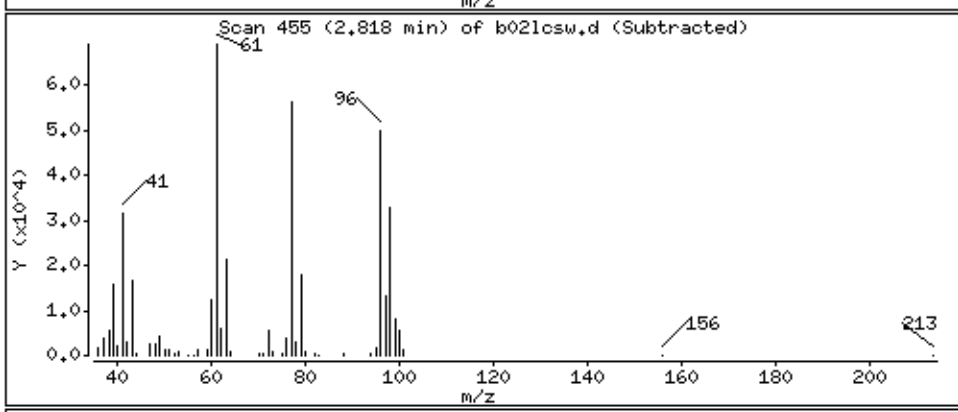
Column diameter: 0.18

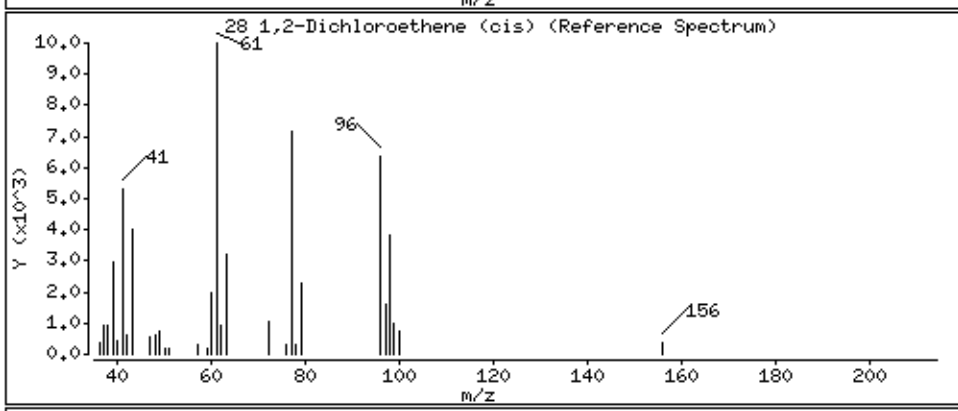
28 1,2-Dichloroethene (cis)

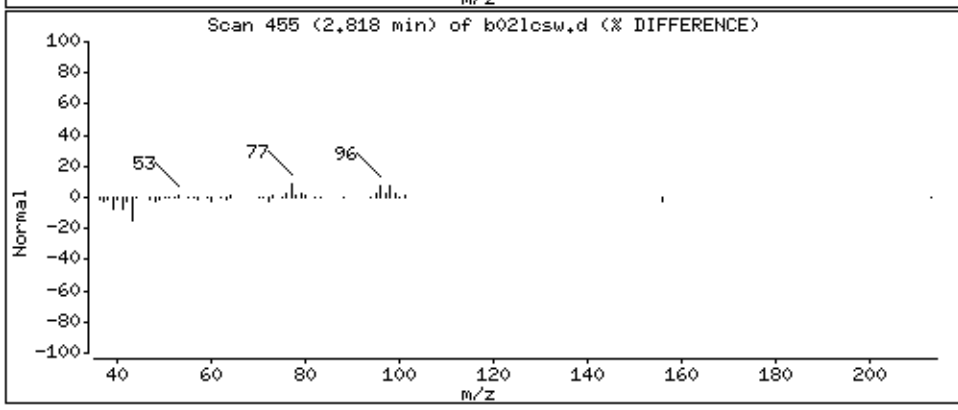
Concentration: 43.8 ppb

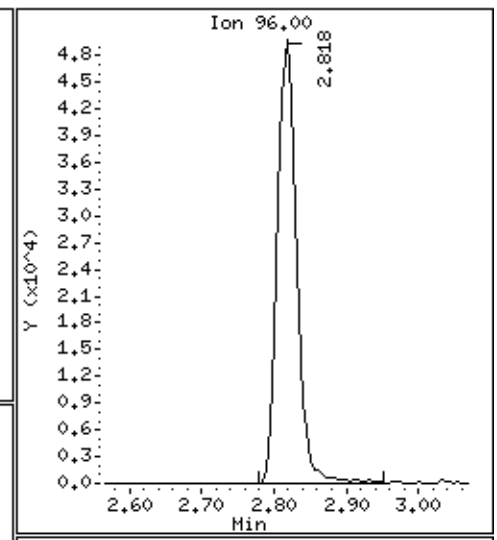
Review Code:

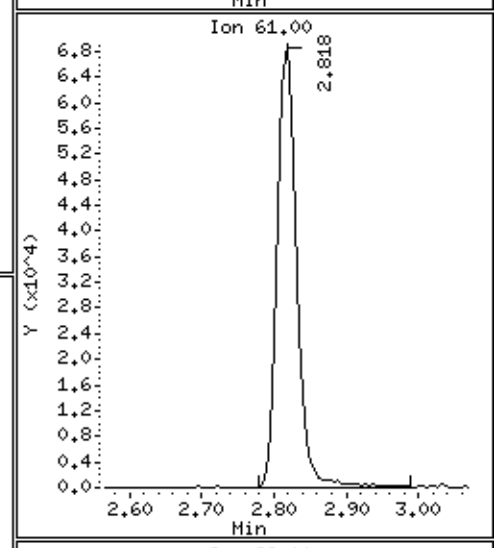


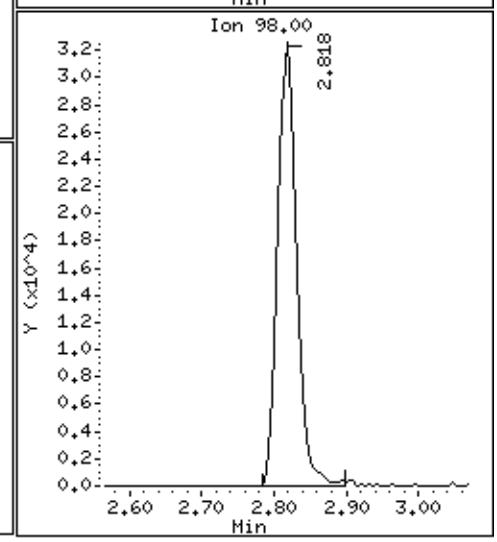












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

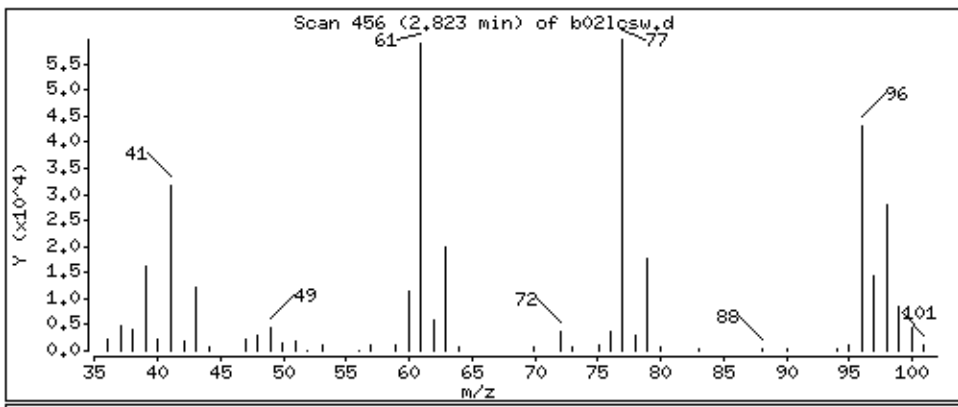
Column phase: DB-624

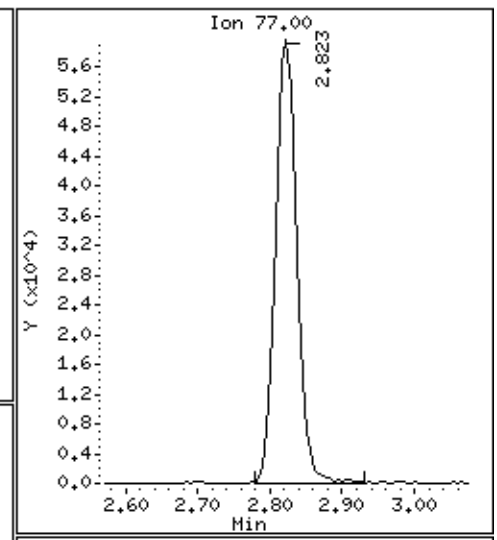
Column diameter: 0.18

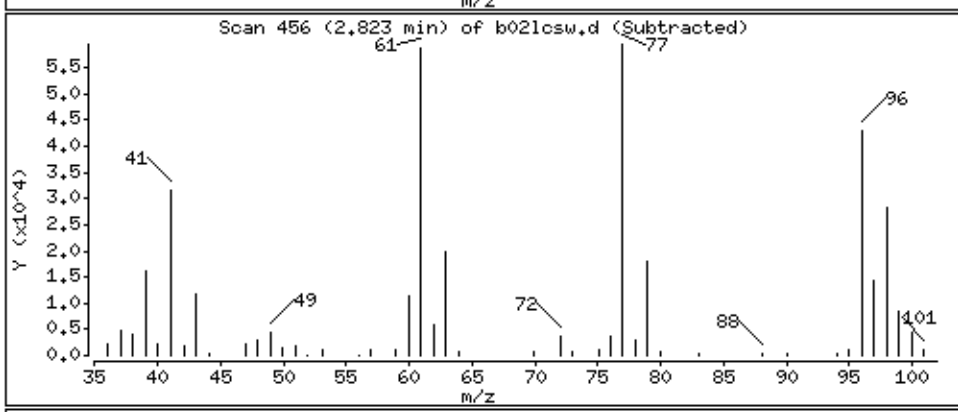
29 2,2-Dichloropropane

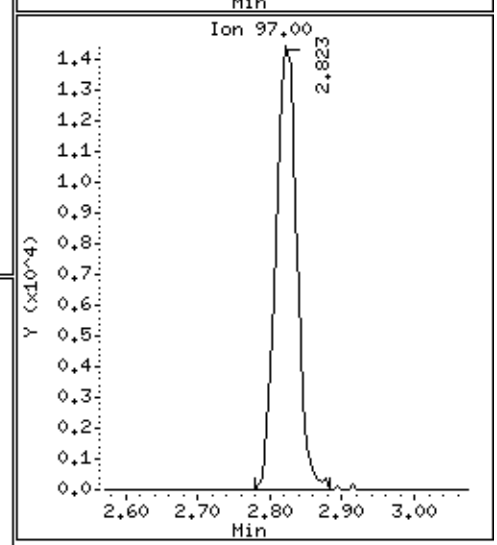
Concentration: 37.8 ppb

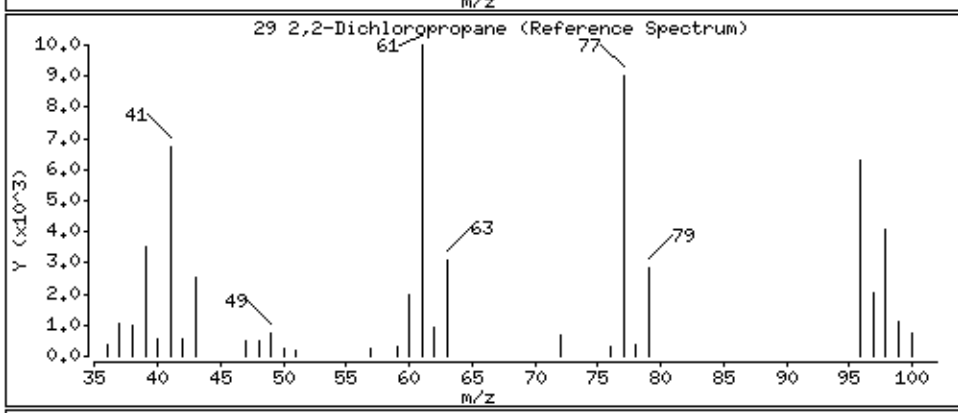
Review Code:

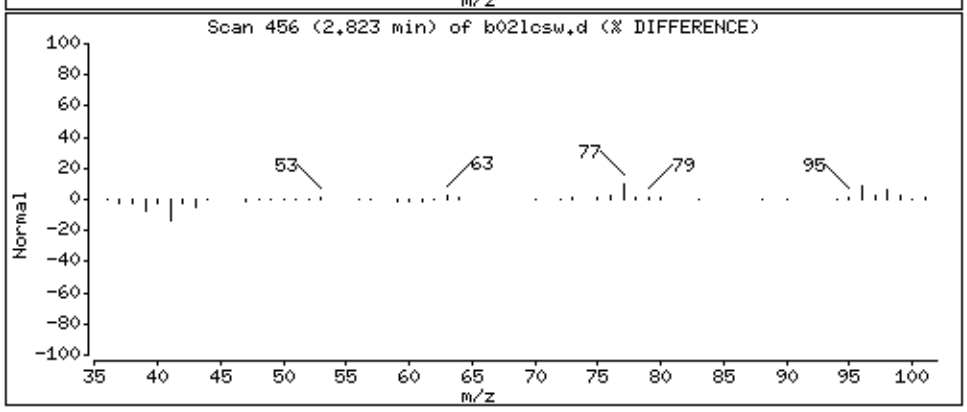












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

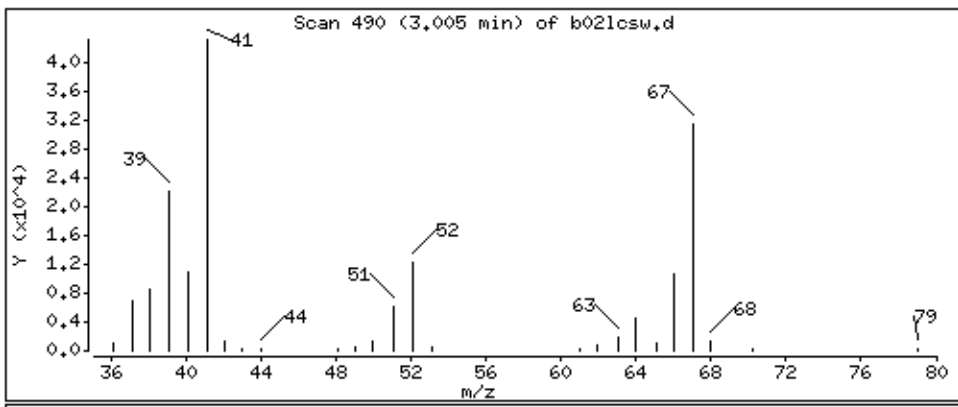
Column phase: DB-624

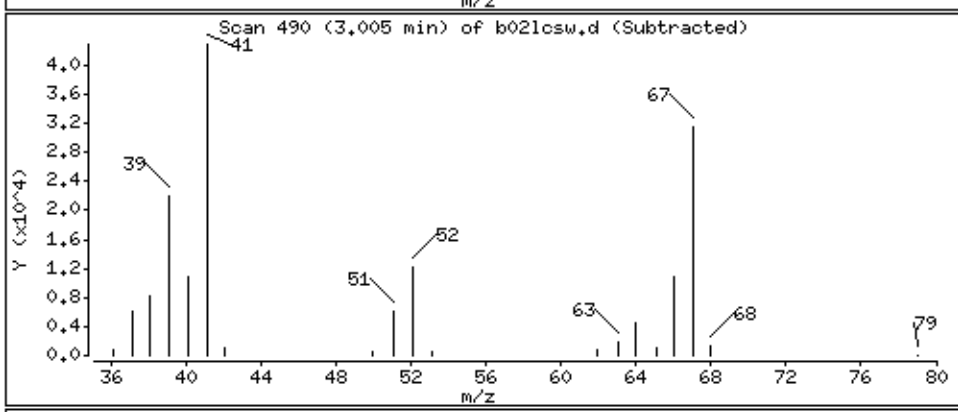
Column diameter: 0.18

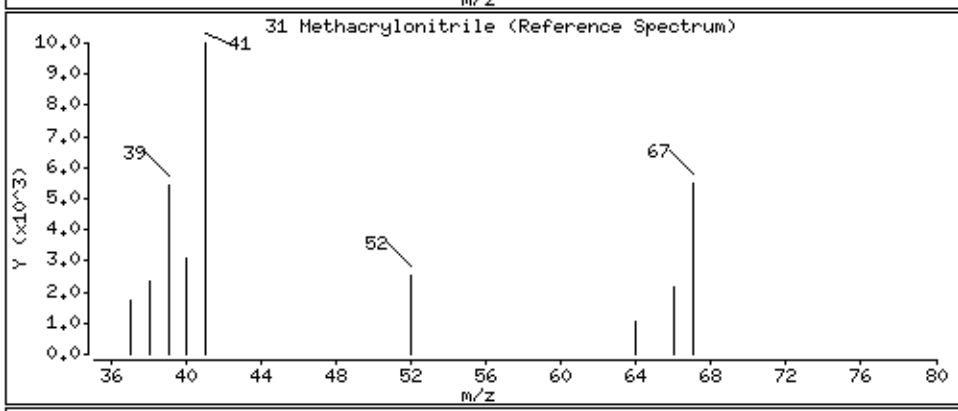
31 Methacrylonitrile

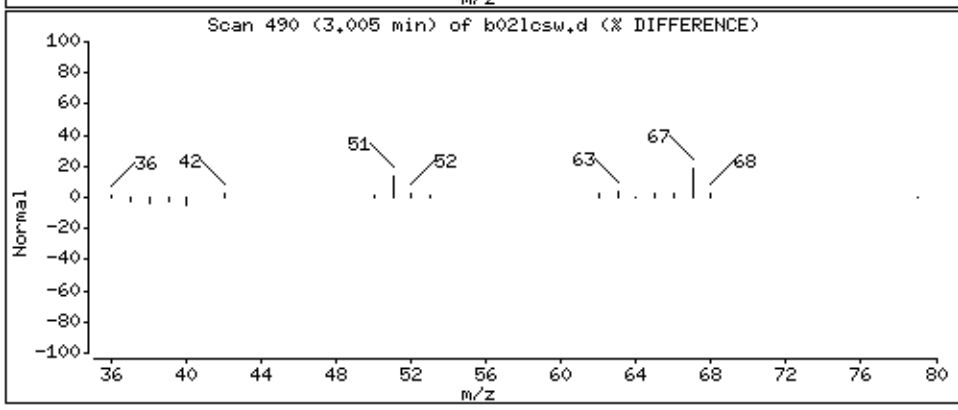
Concentration: 174 ppb

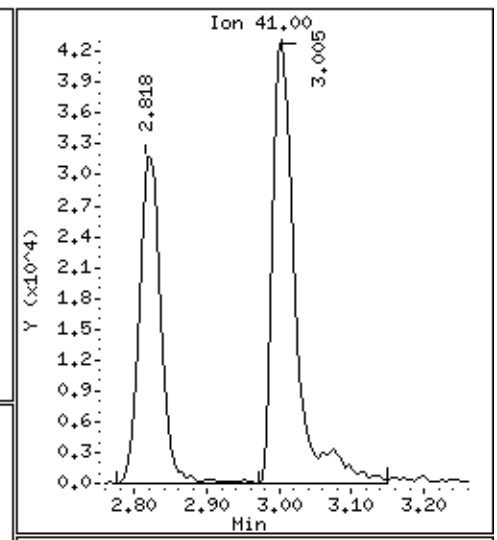
Review Code:

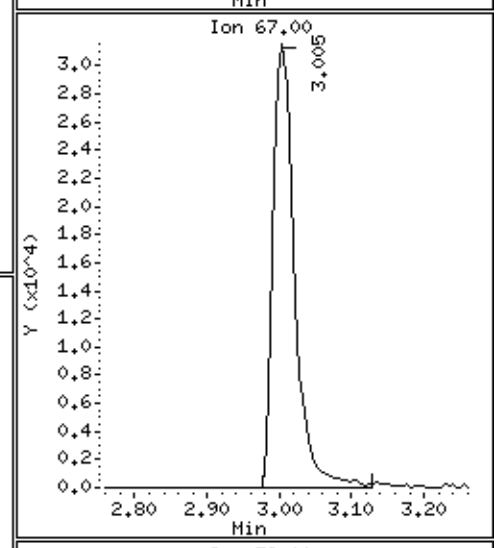


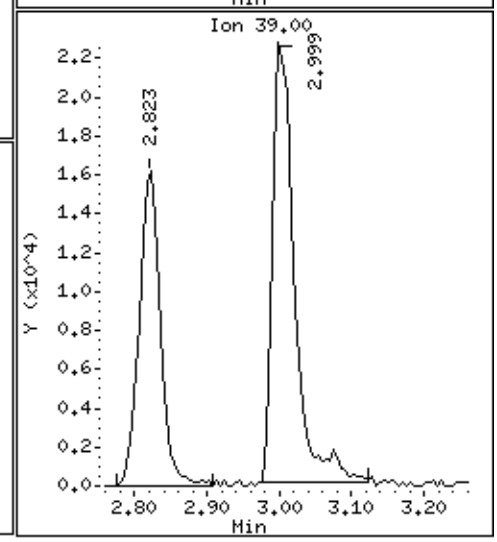












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

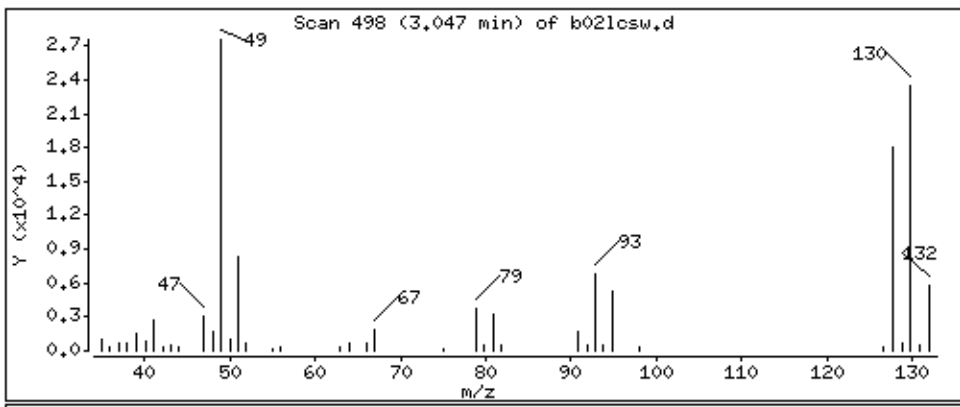
Column phase: DB-624

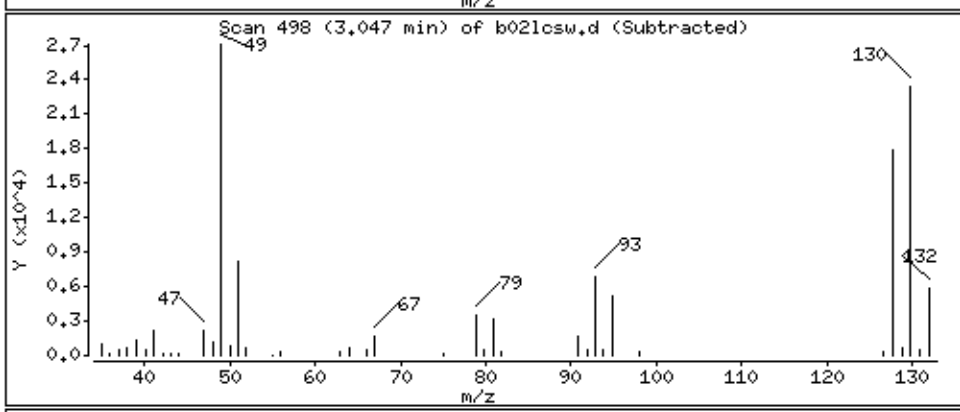
Column diameter: 0.18

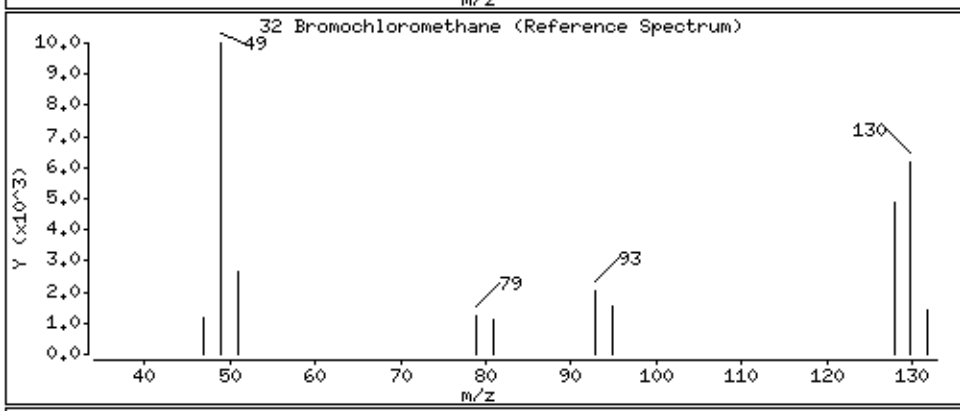
32 Bromochloromethane

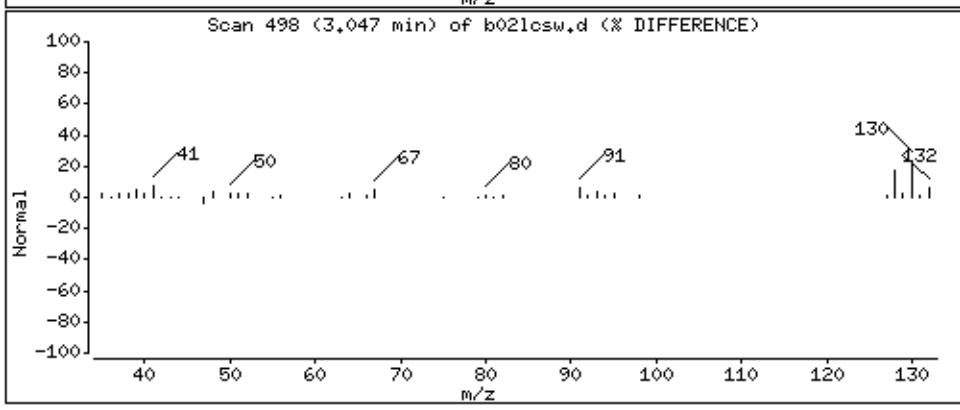
Concentration: 43.9 ppb

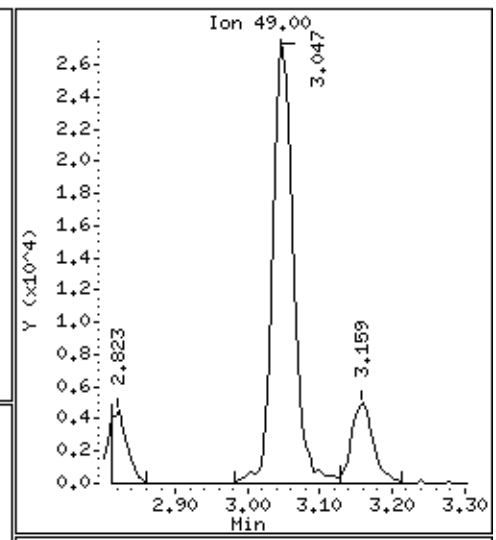
Review Code:

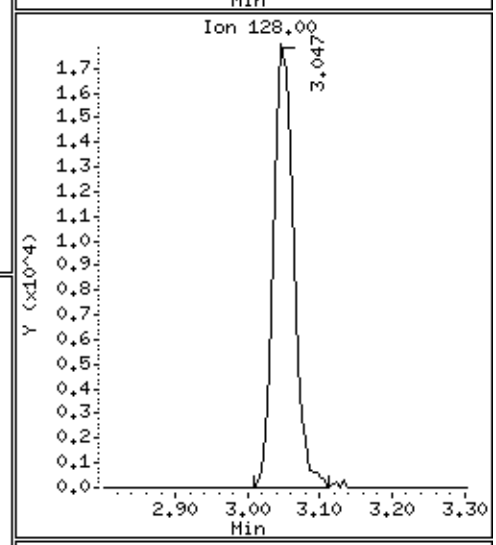


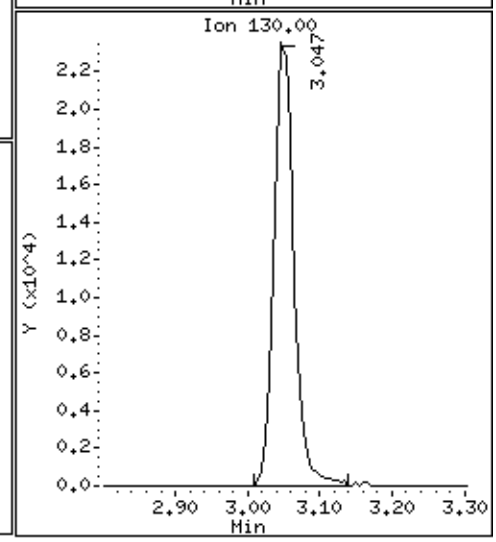












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

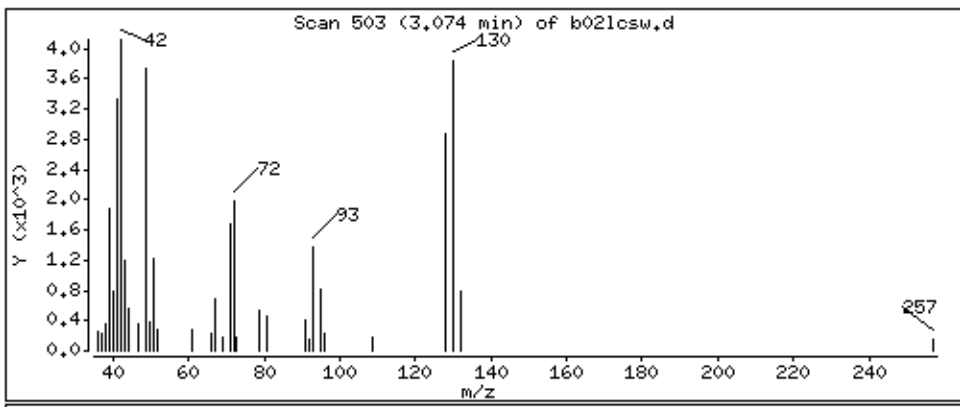
Column phase: DB-624

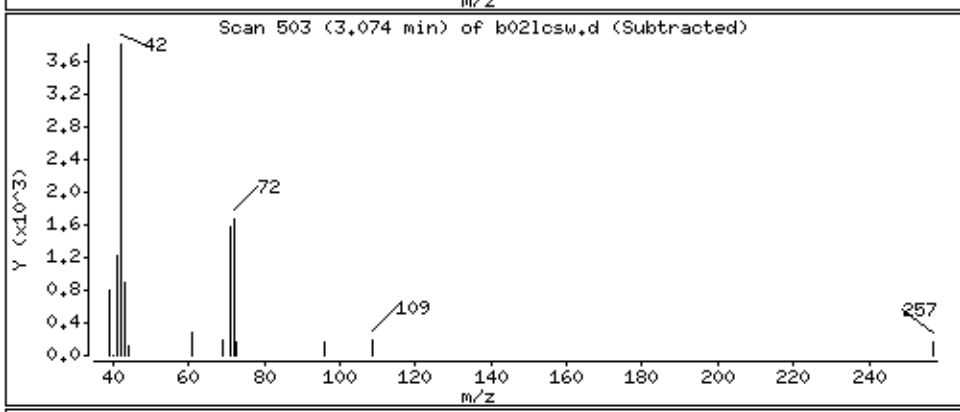
Column diameter: 0.18

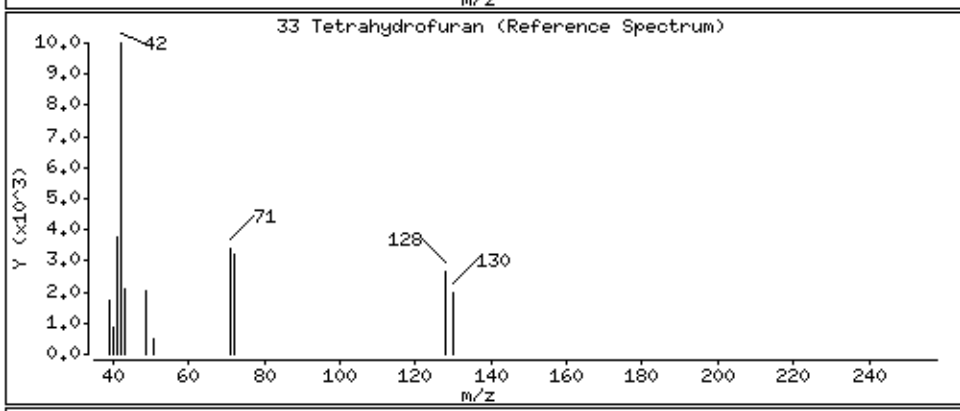
33 Tetrahydrofuran

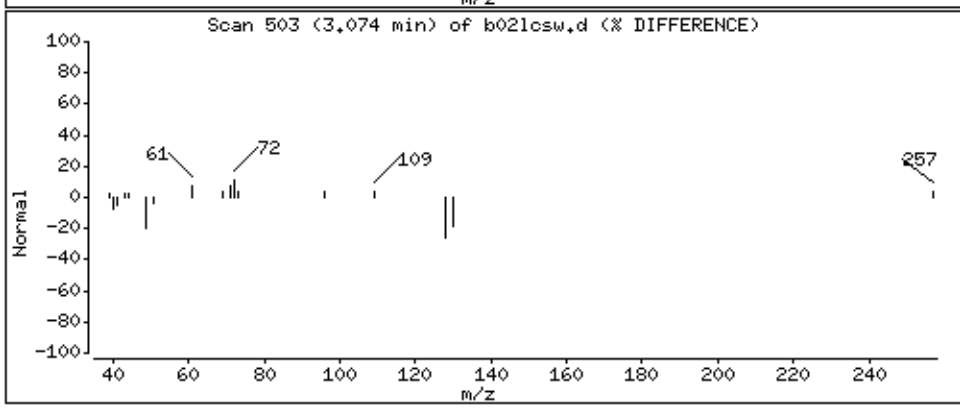
Concentration: 30.2 ppb

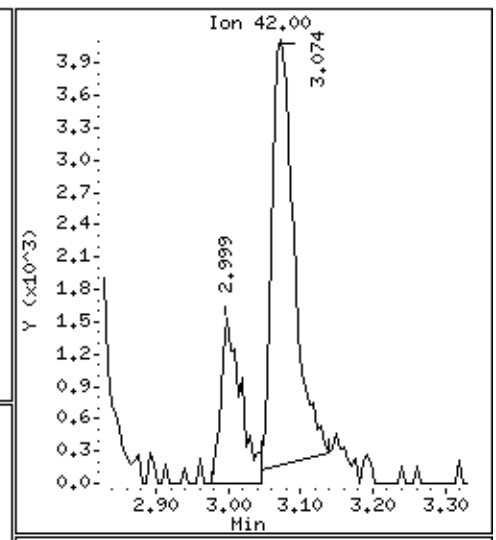
Review Code:

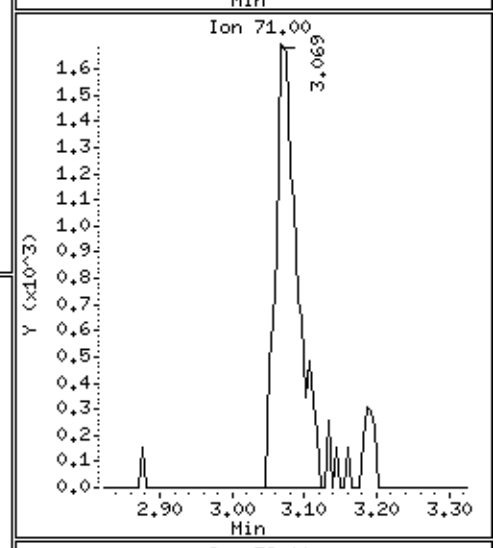


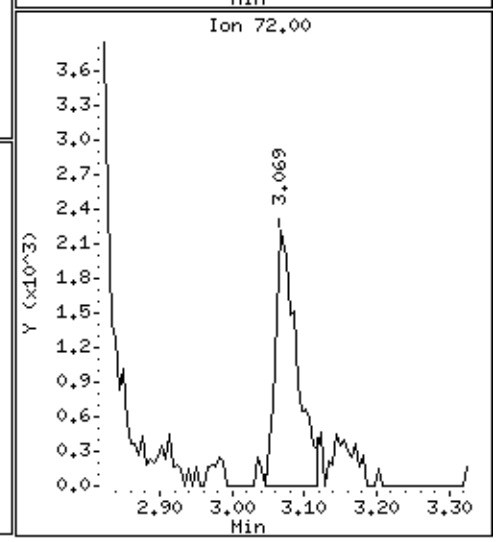












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

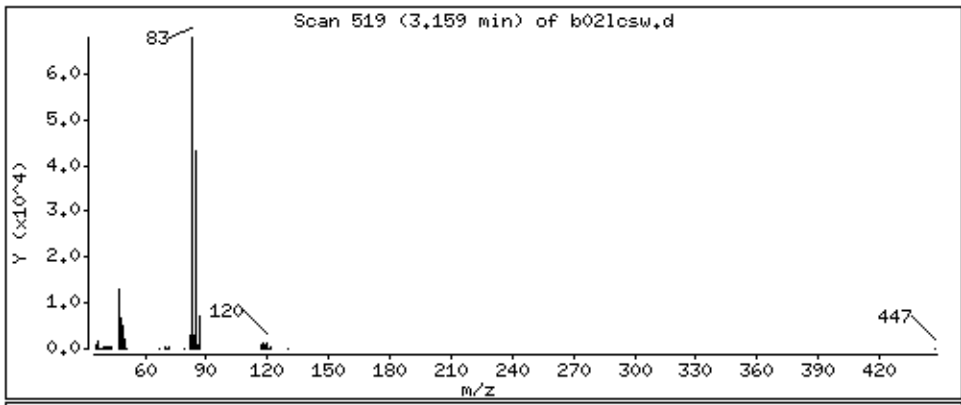
Column phase: DB-624

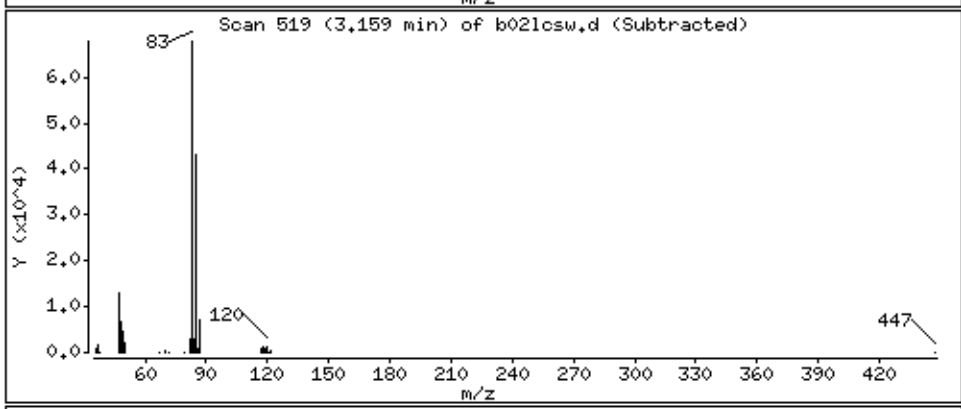
Column diameter: 0.18

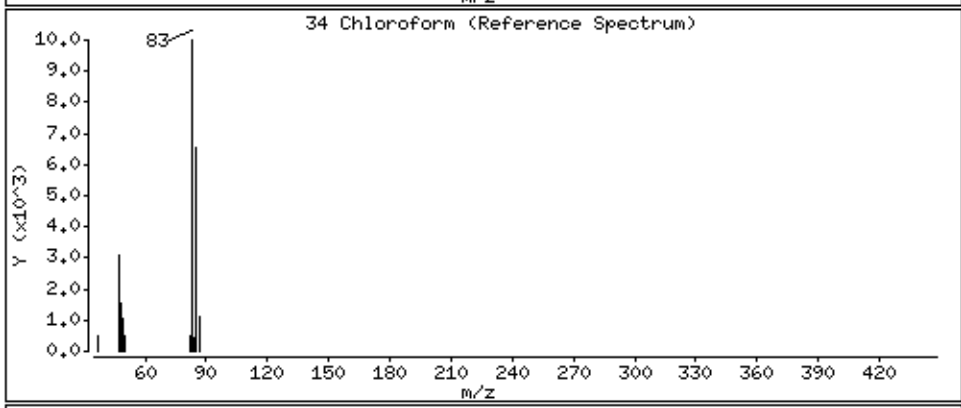
34 Chloroform

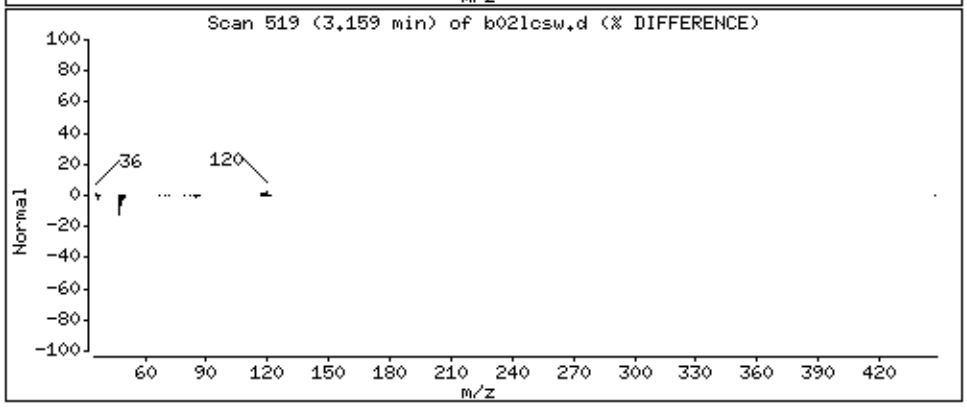
Concentration: 42.3 ppb

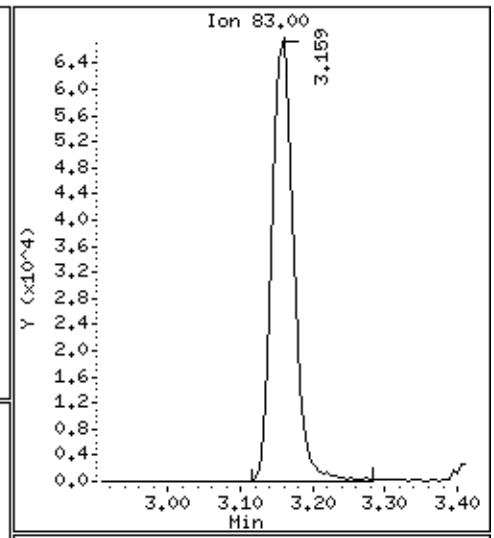
Review Code:

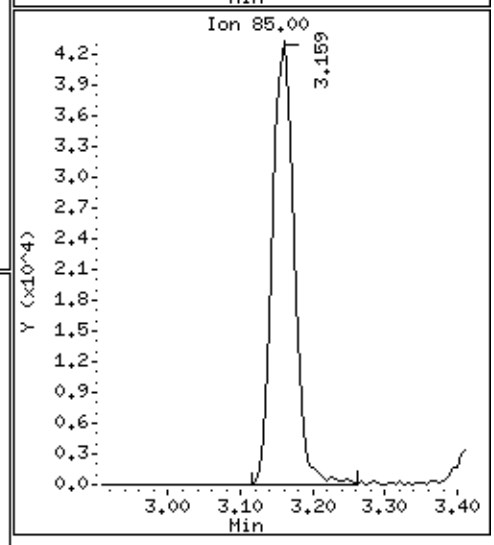












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

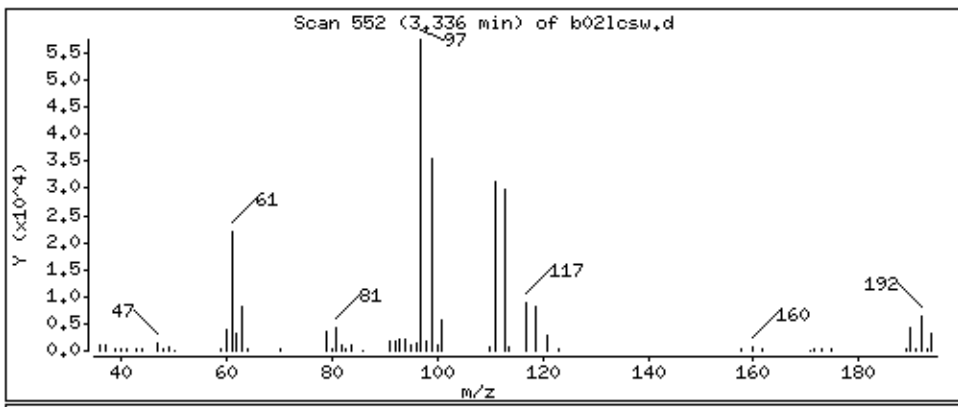
Column phase: DB-624

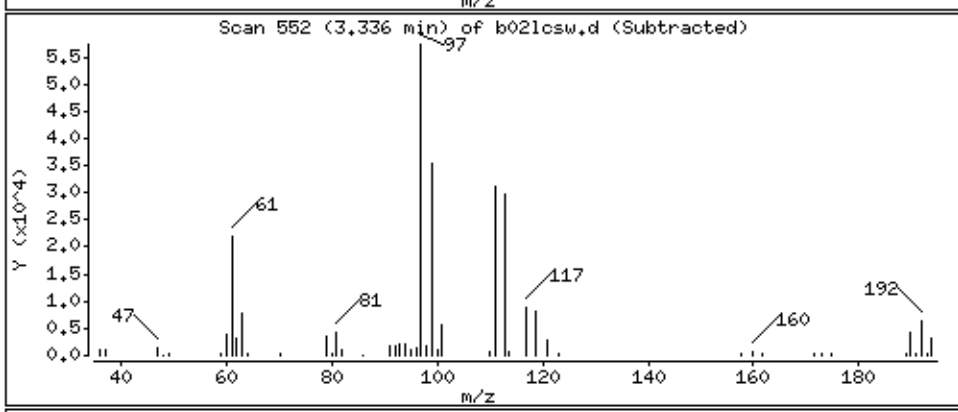
Column diameter: 0.18

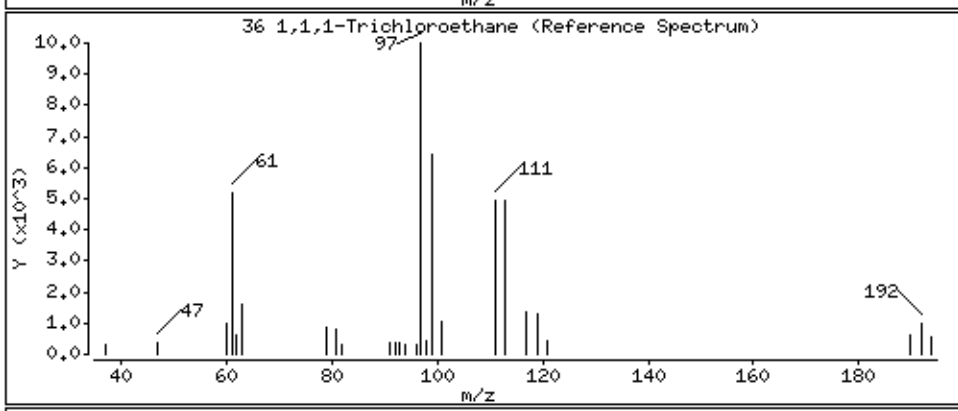
36 1,1,1-Trichloroethane

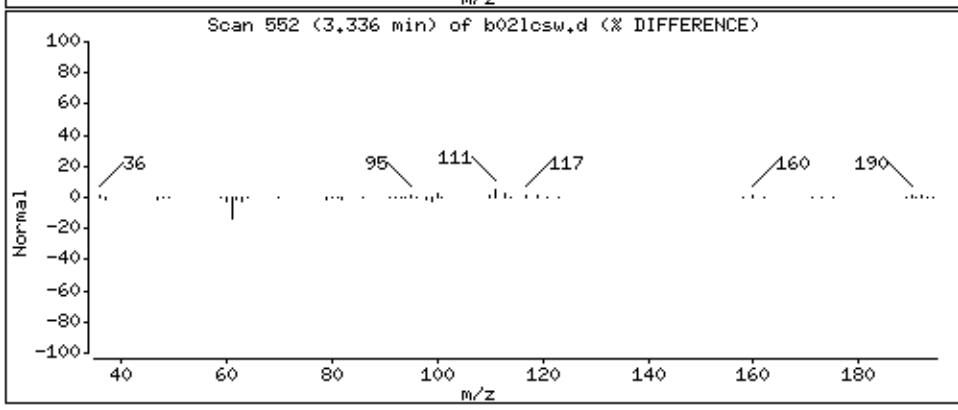
Concentration: 40.5 ppb

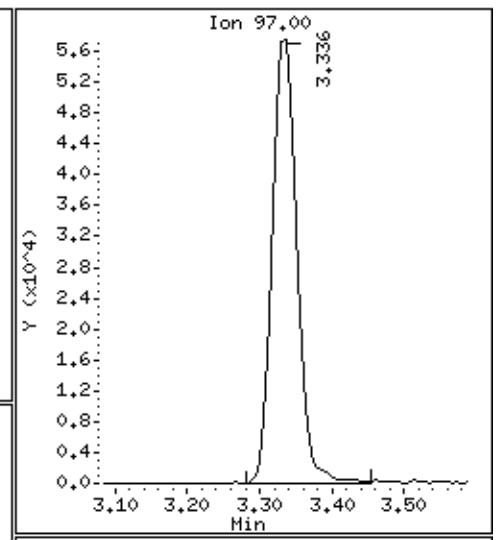
Review Code:

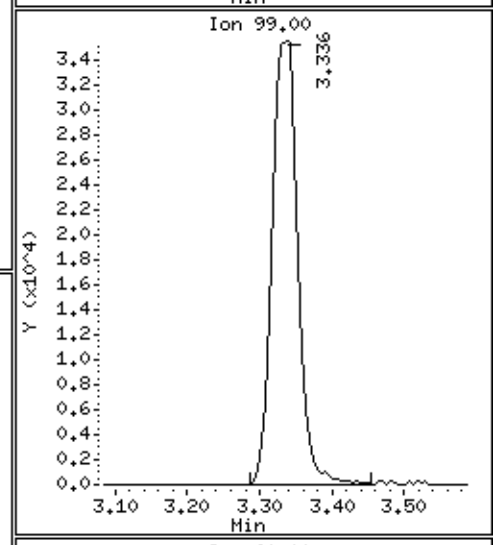


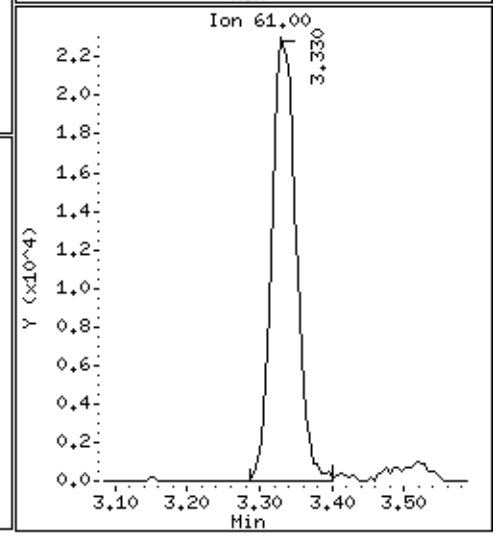












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

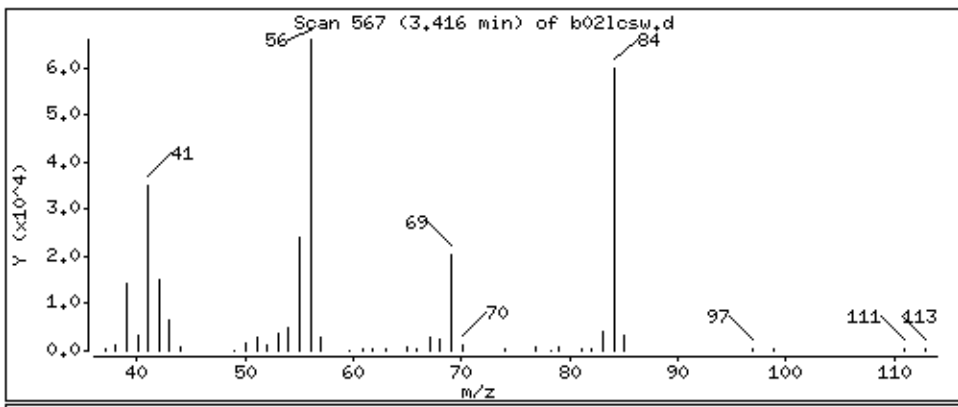
Column phase: DB-624

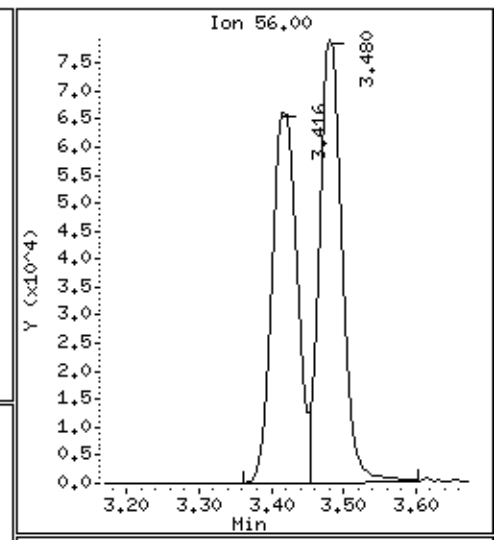
Column diameter: 0.18

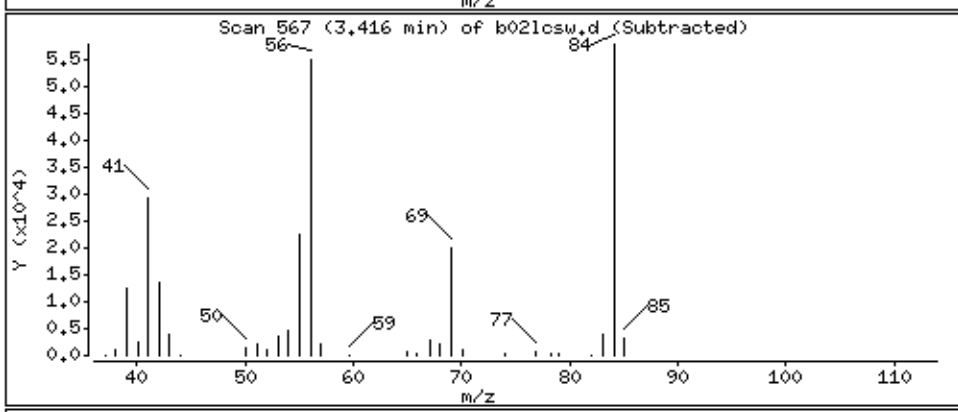
37 Cyclohexane

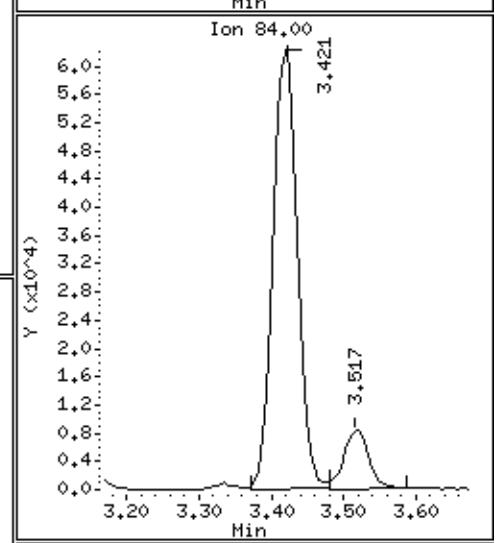
Concentration: 38.1 ppb

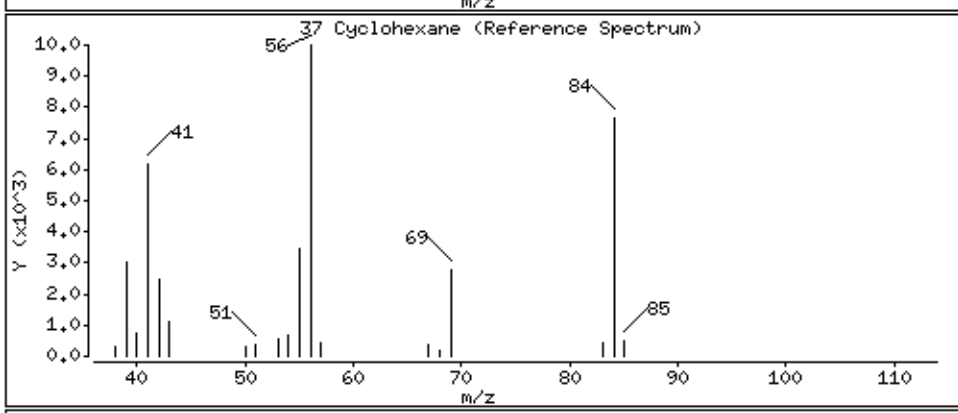
Review Code:

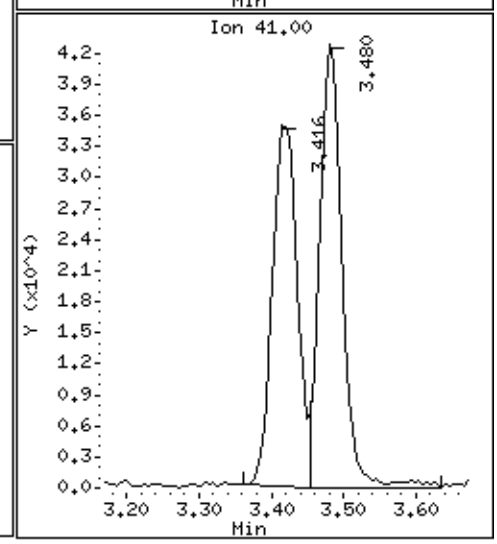


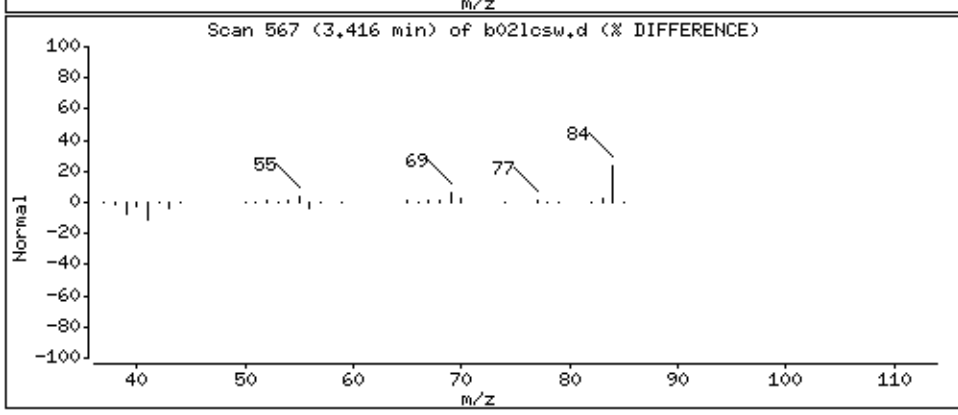












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

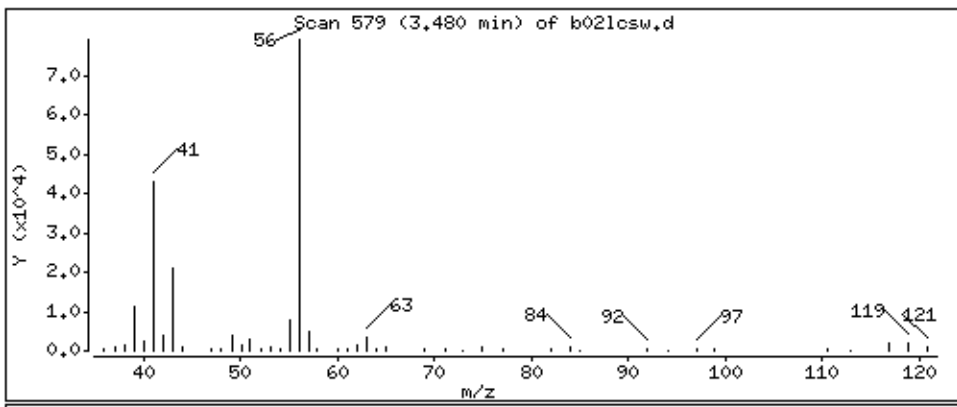
Column phase: DB-624

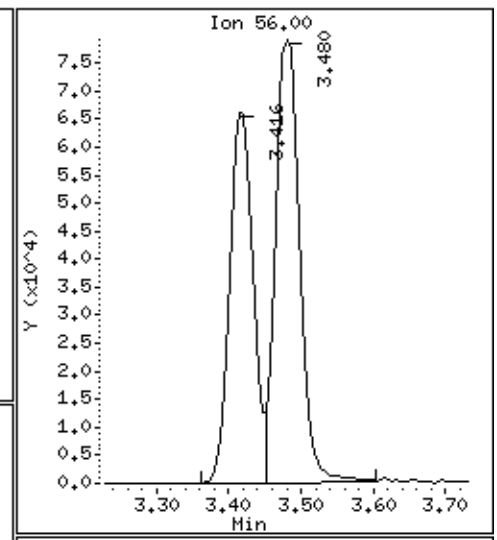
Column diameter: 0.18

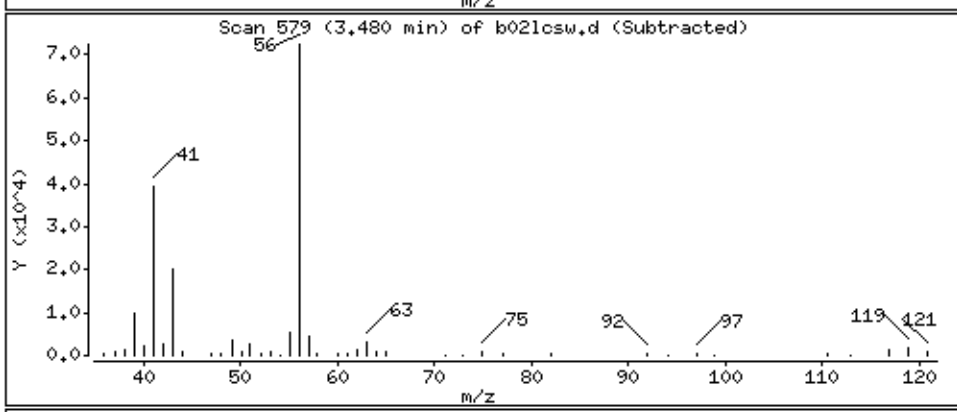
151 n-Butyl chloride

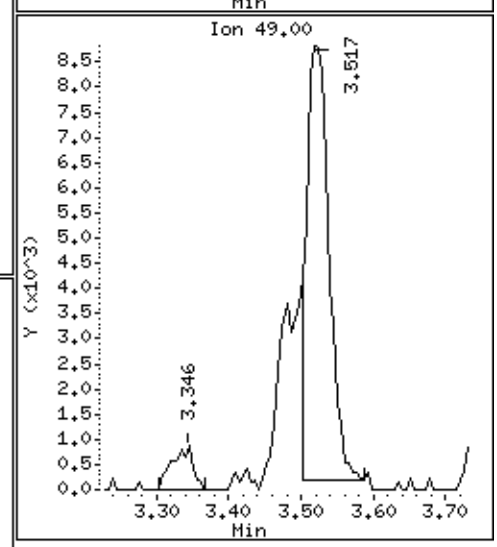
Concentration: 42.1 ppb

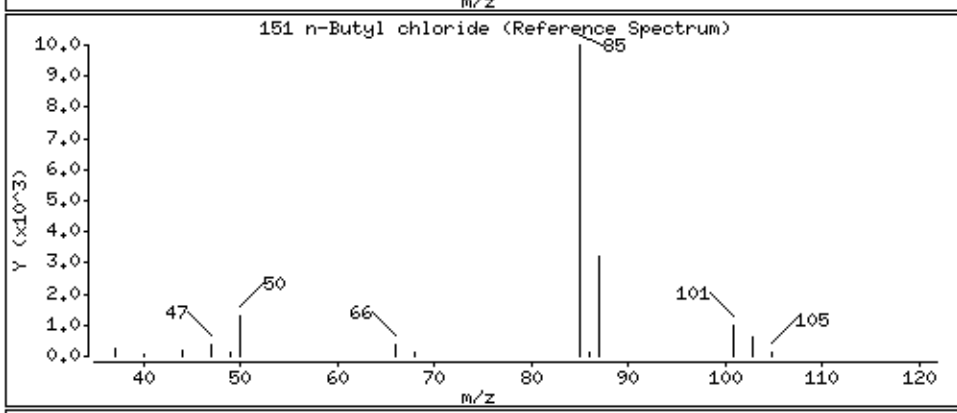
Review Code:

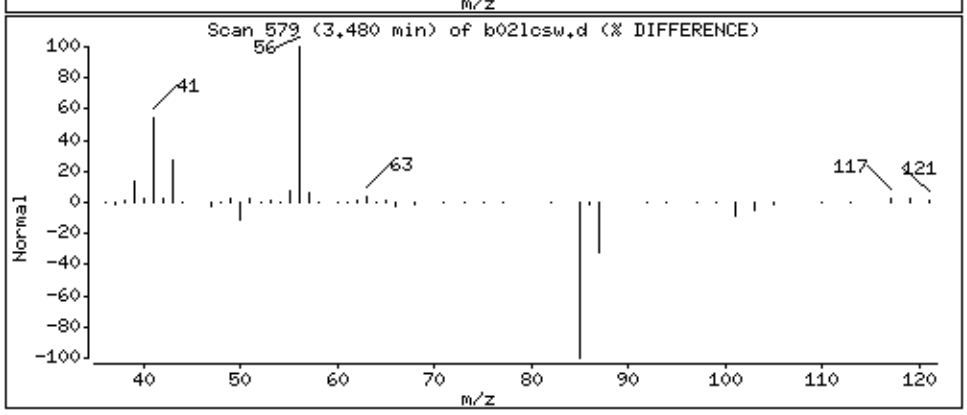












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

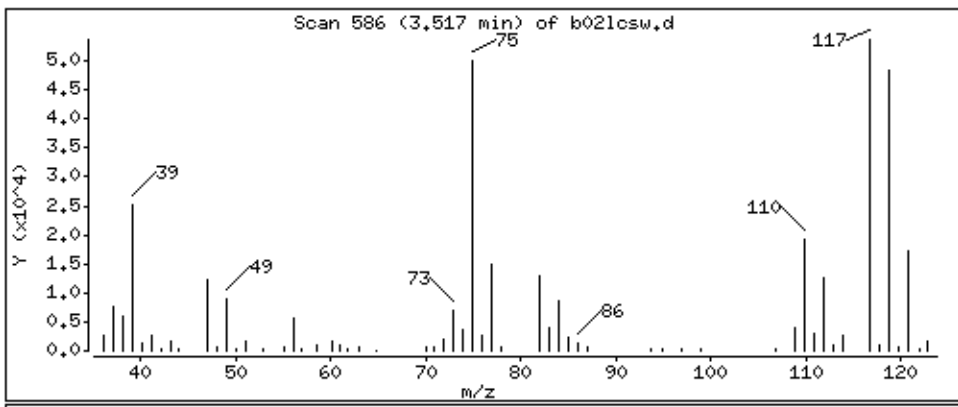
Column phase: DB-624

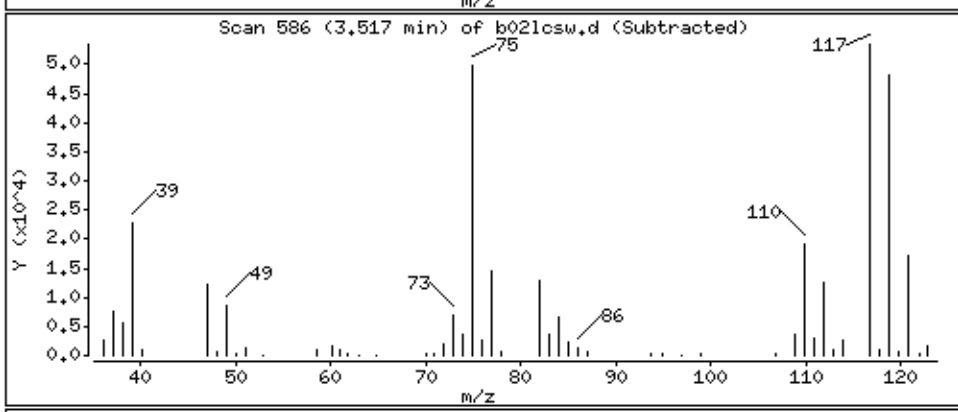
Column diameter: 0.18

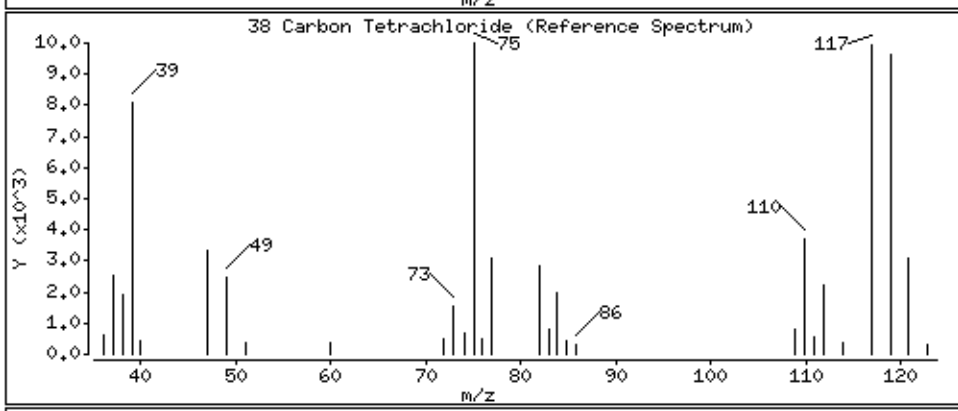
38 Carbon Tetrachloride

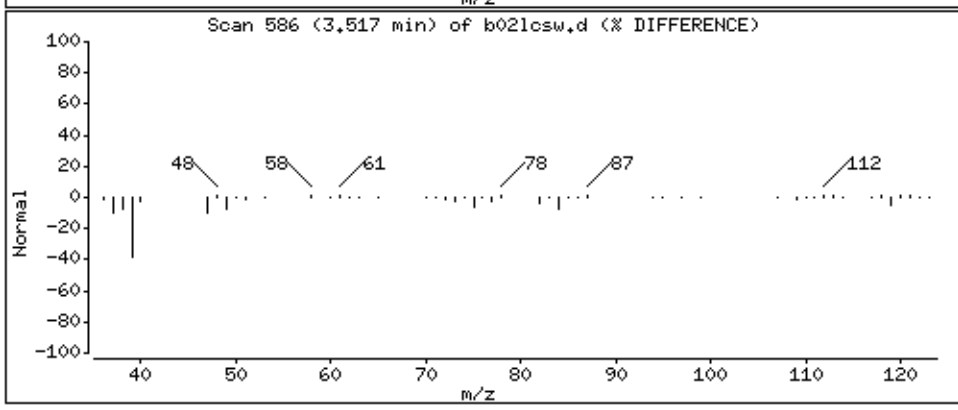
Concentration: 42.9 ppb

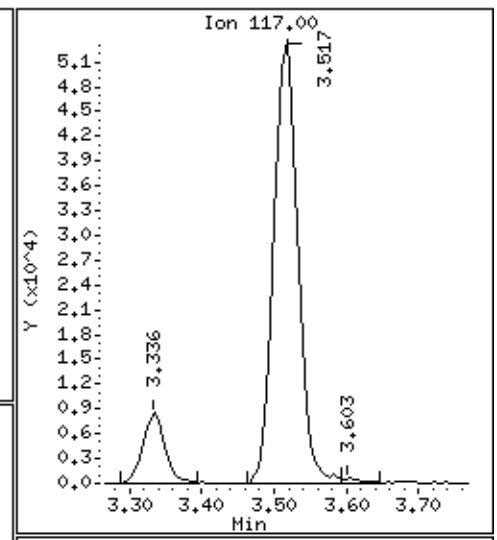
Review Code:

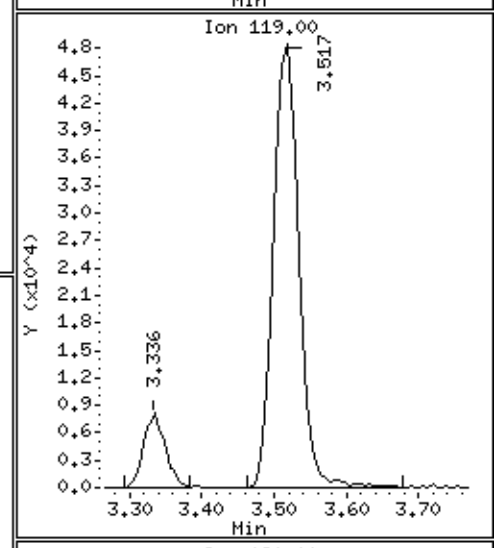


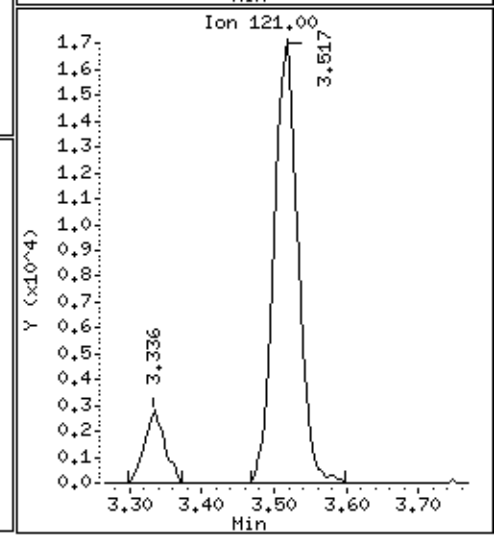












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

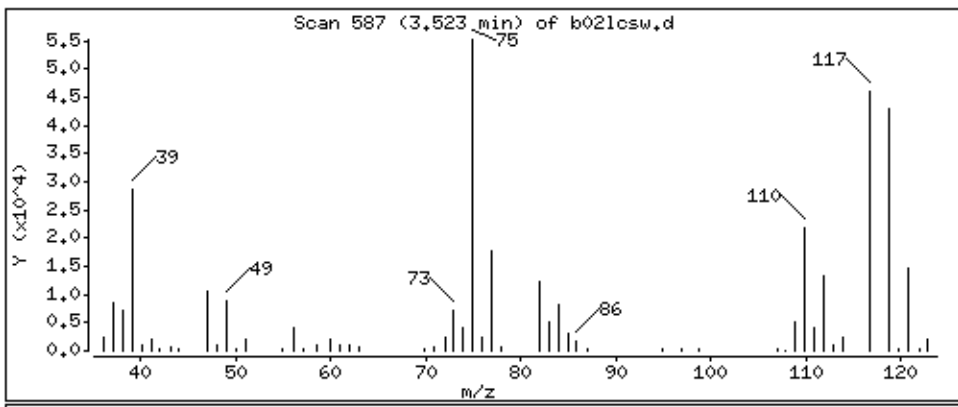
Column phase: DB-624

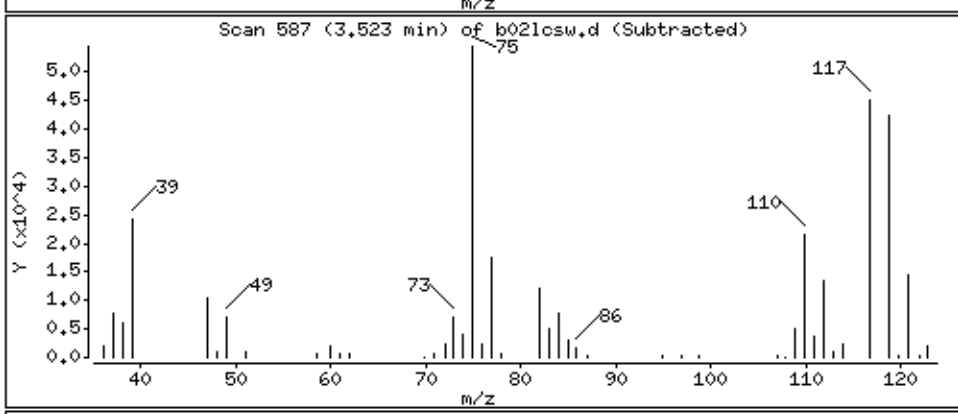
Column diameter: 0.18

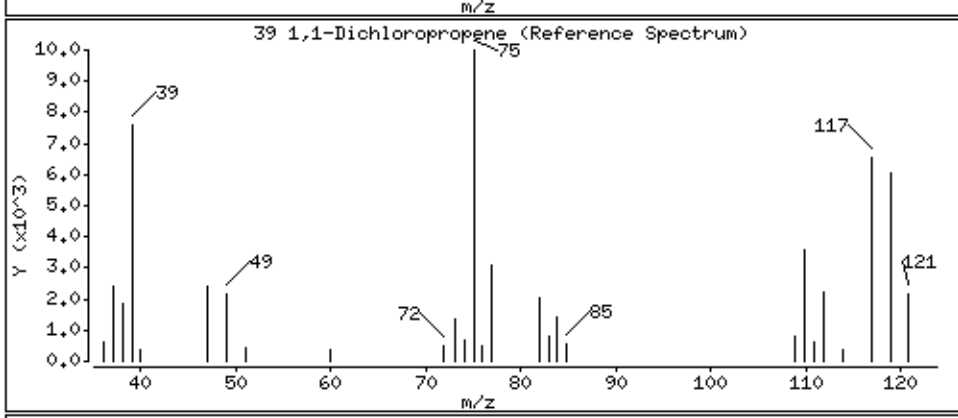
39 1,1-Dichloropropene

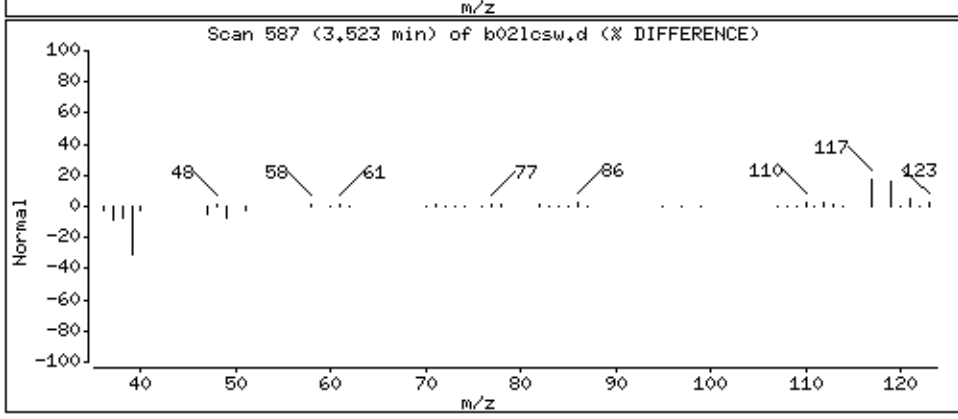
Concentration: 42.0 ppb

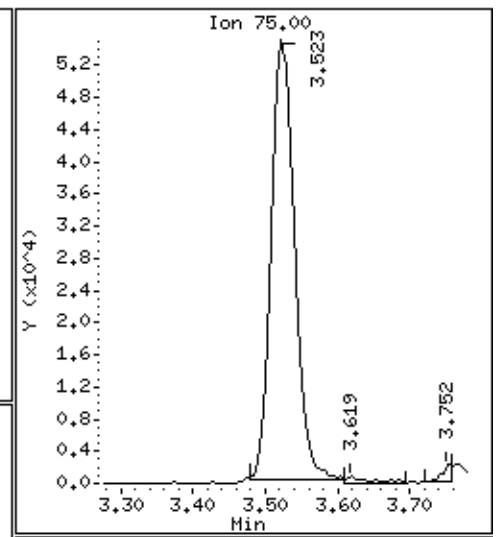
Review Code:

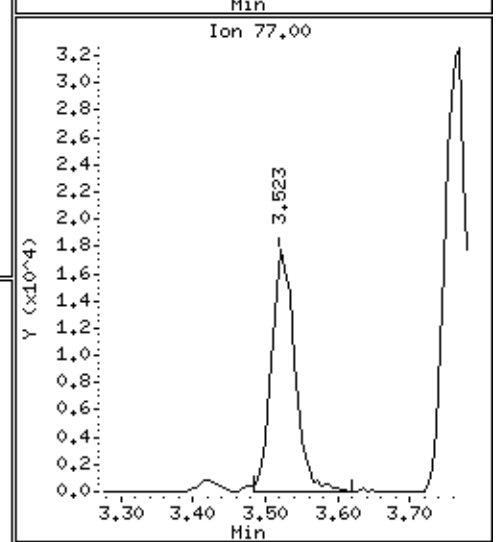


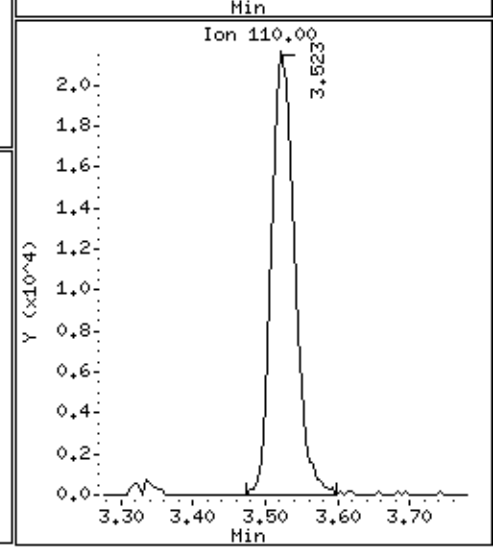












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

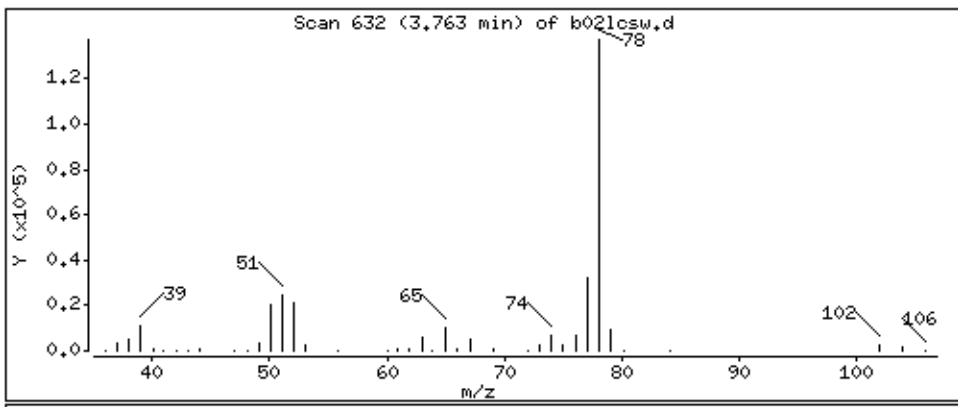
Column phase: DB-624

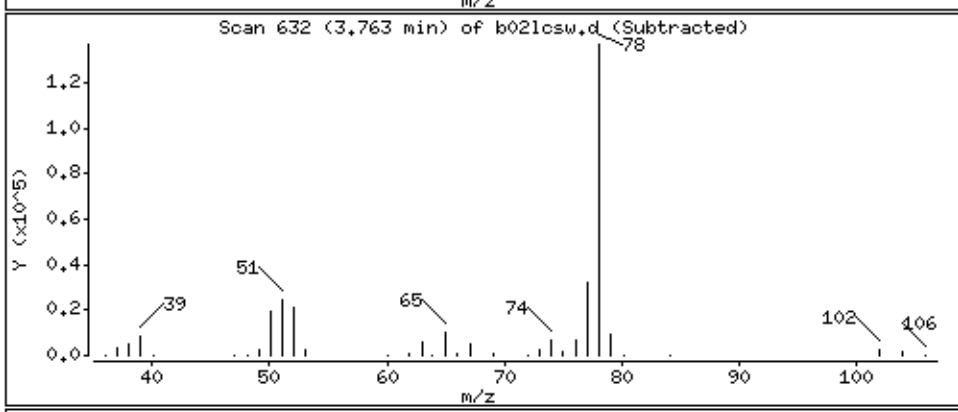
Column diameter: 0.18

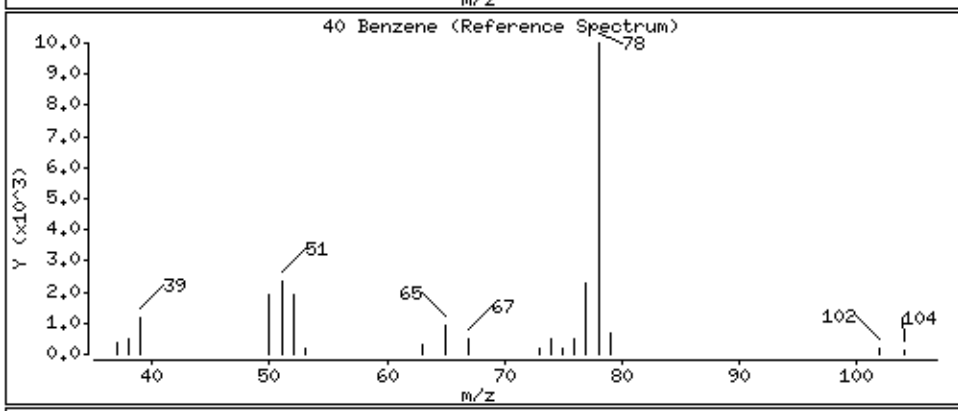
40 Benzene

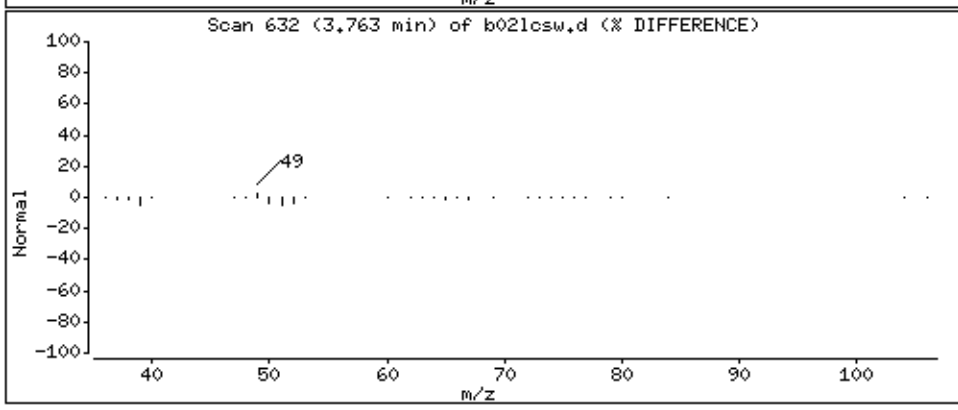
Concentration: 45.6 ppb

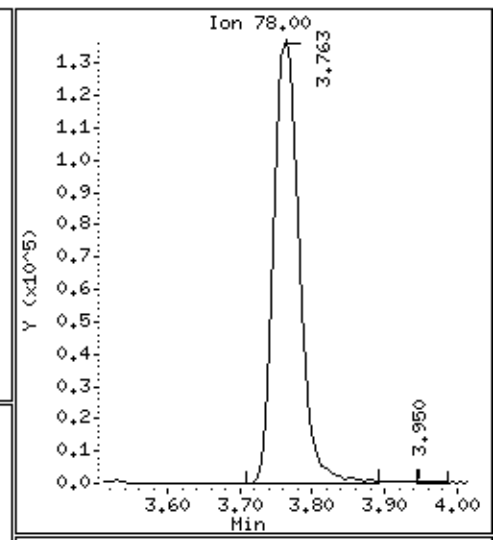
Review Code:

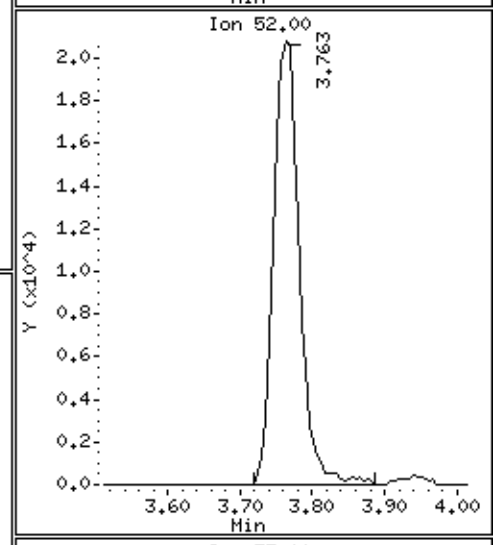


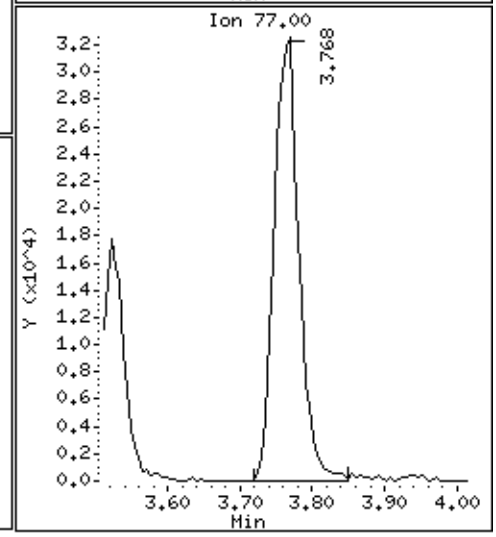












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

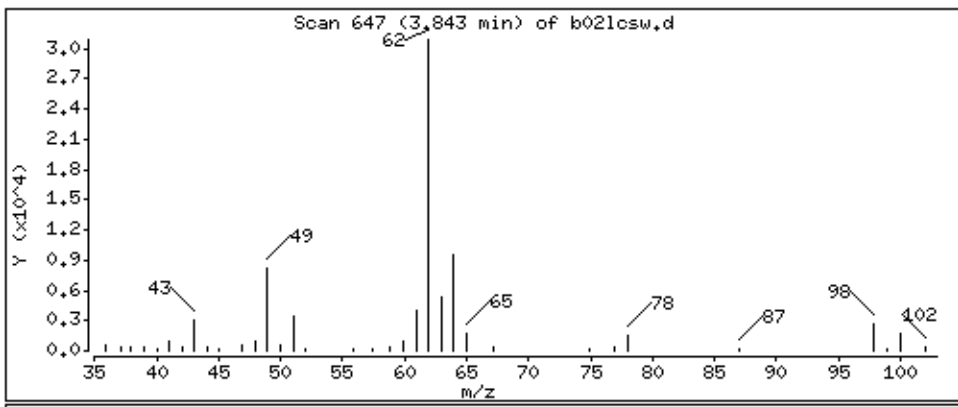
Column phase: DB-624

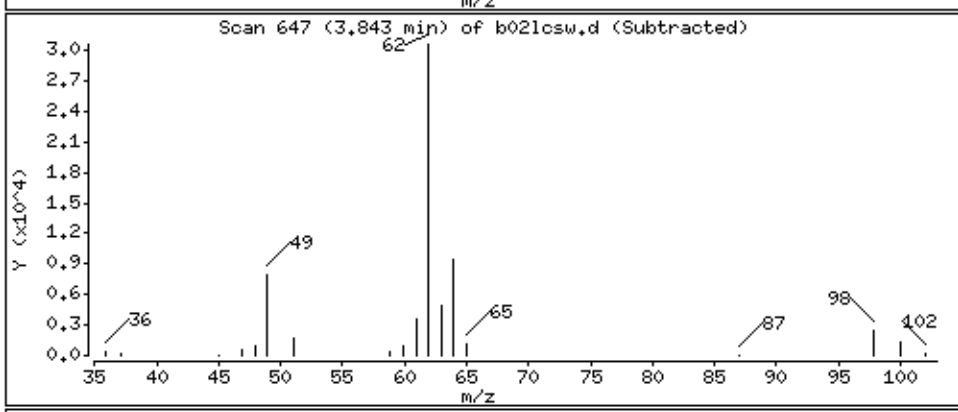
Column diameter: 0.18

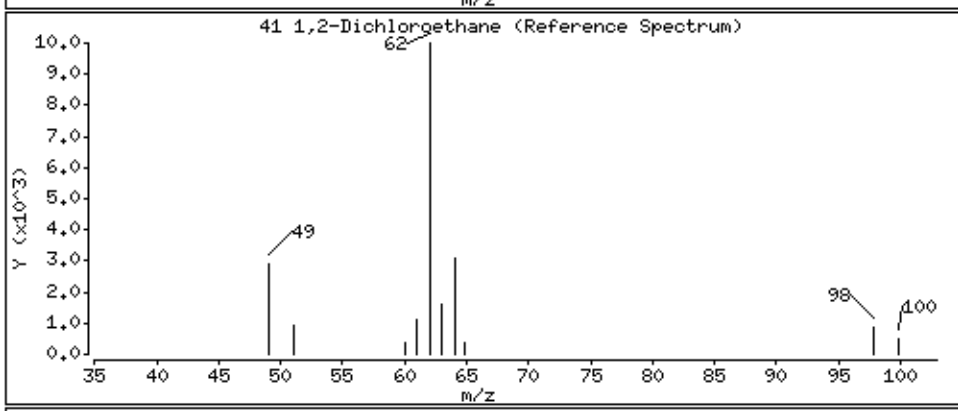
41 1,2-Dichloroethane

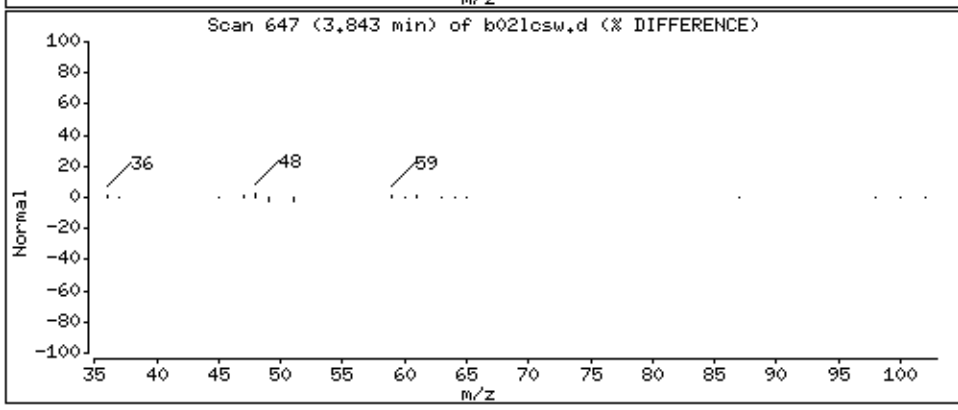
Concentration: 38.6 ppb

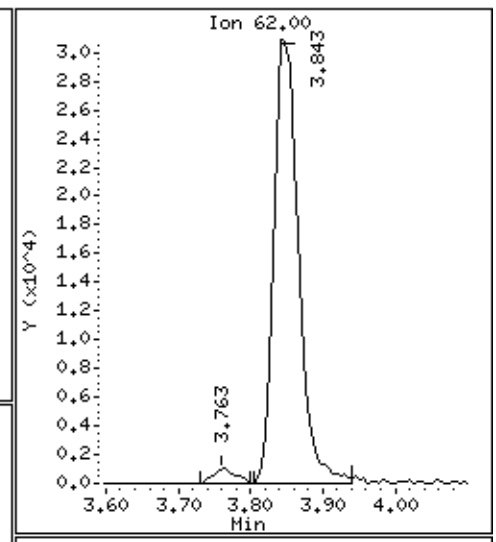
Review Code:

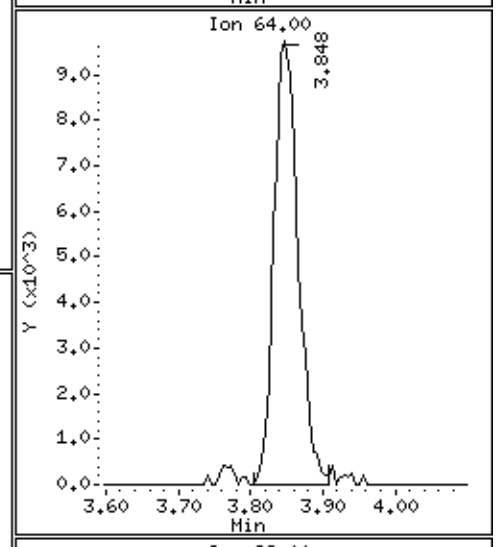


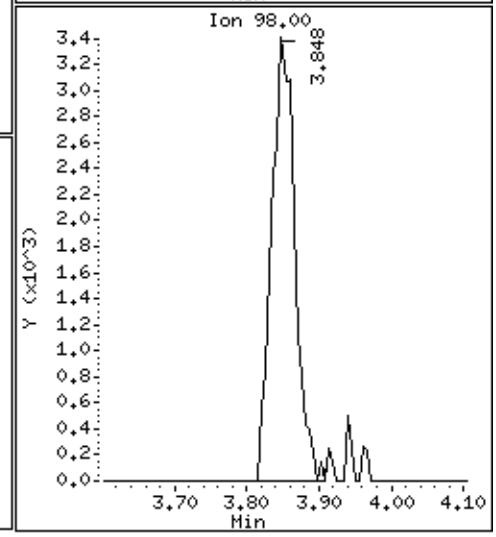












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

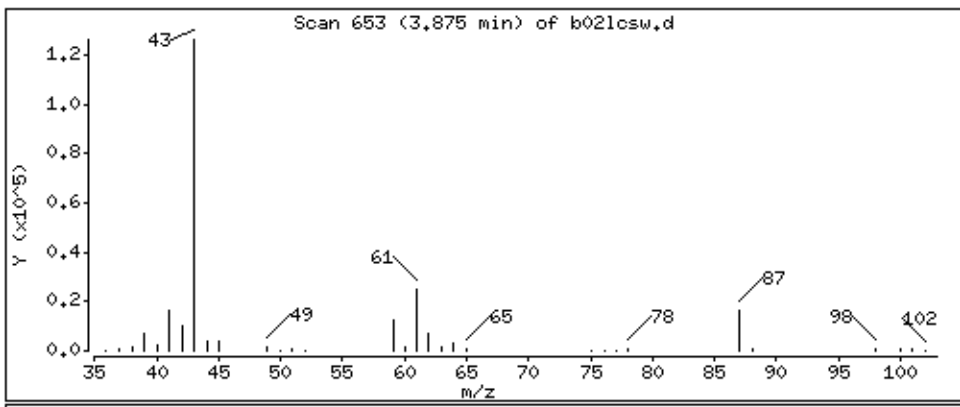
Column phase: DB-624

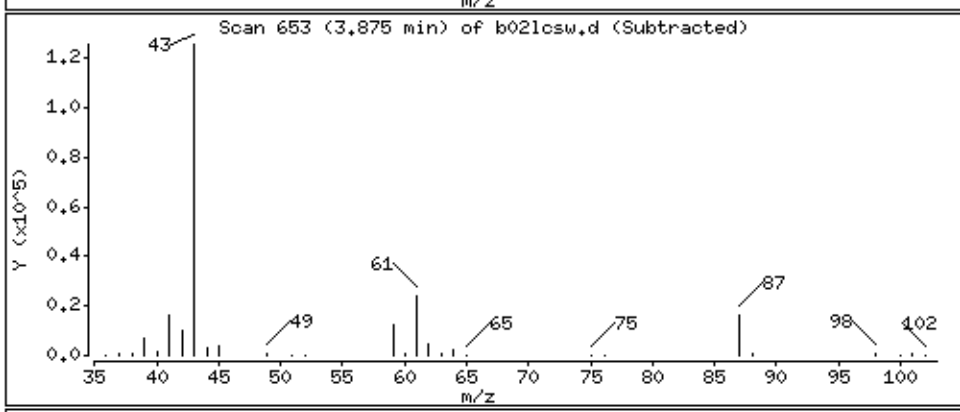
Column diameter: 0.18

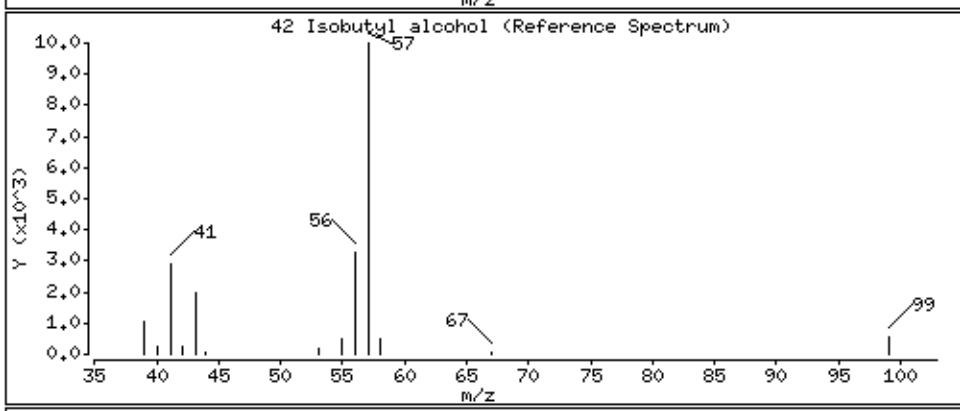
42 Isobutyl alcohol

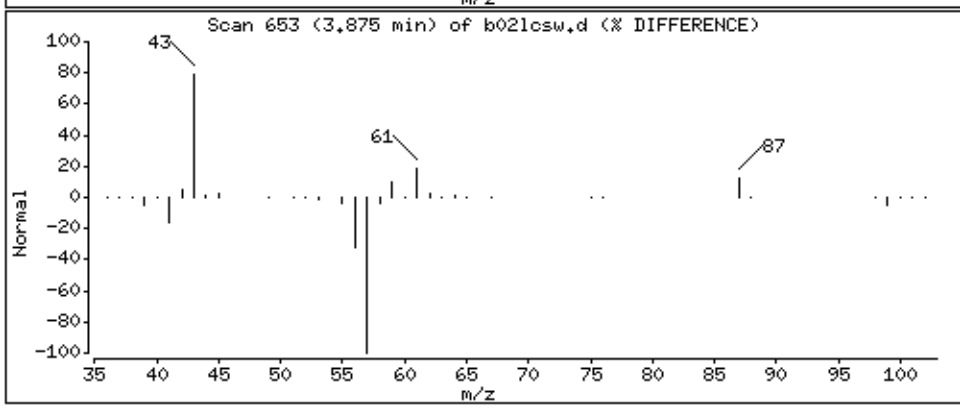
Concentration: 46.9 ppb

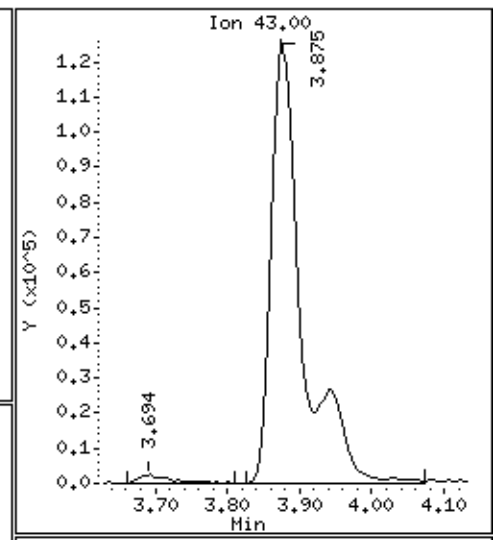
Review Code:

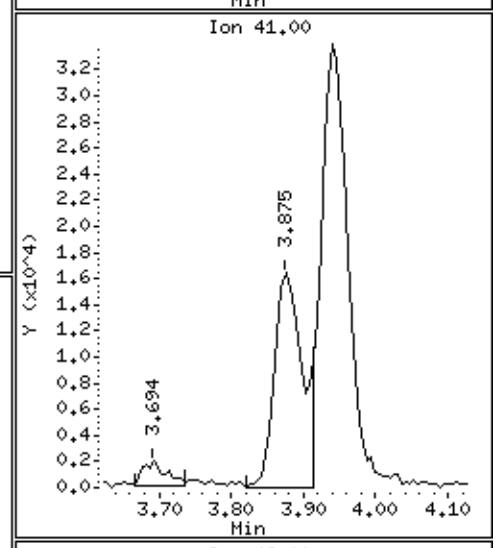


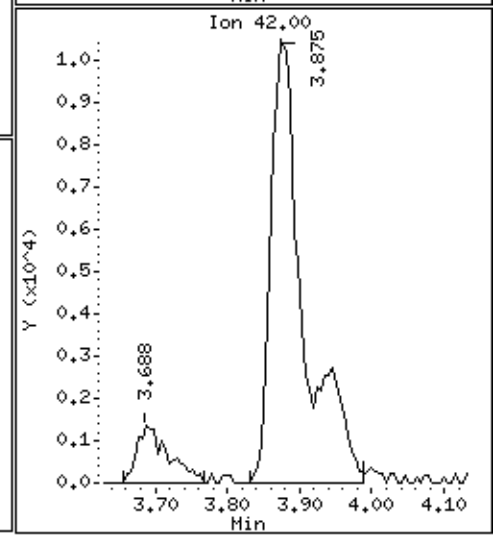












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

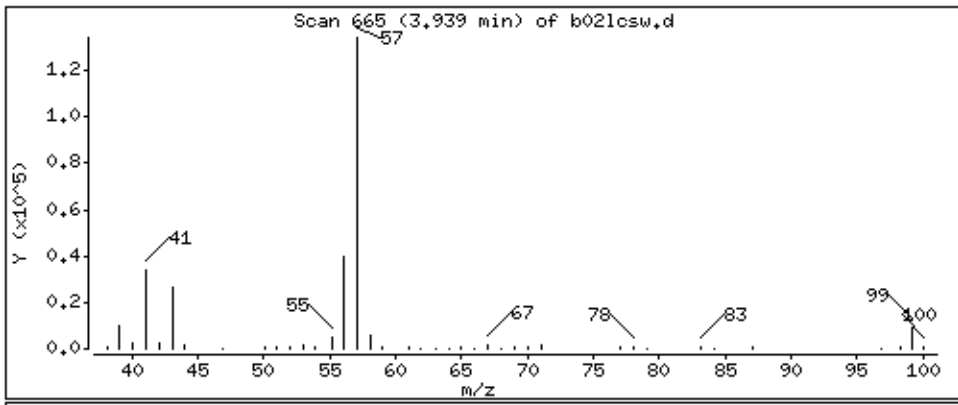
Column phase: DB-624

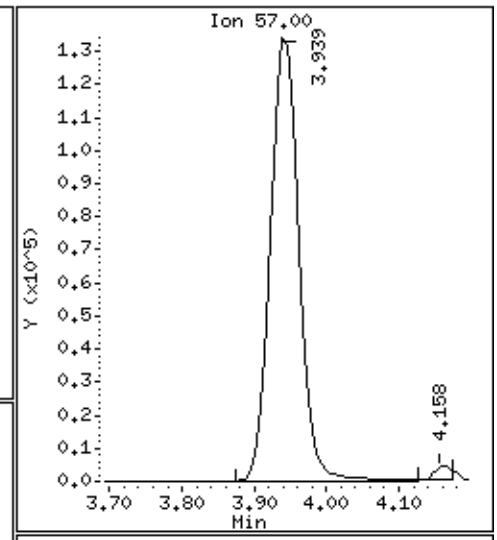
Column diameter: 0.18

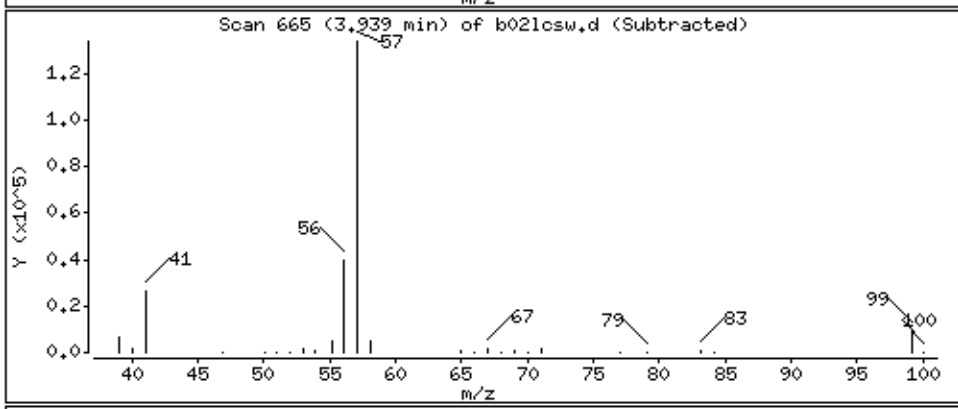
43 2,2,4-Trimethylpentane

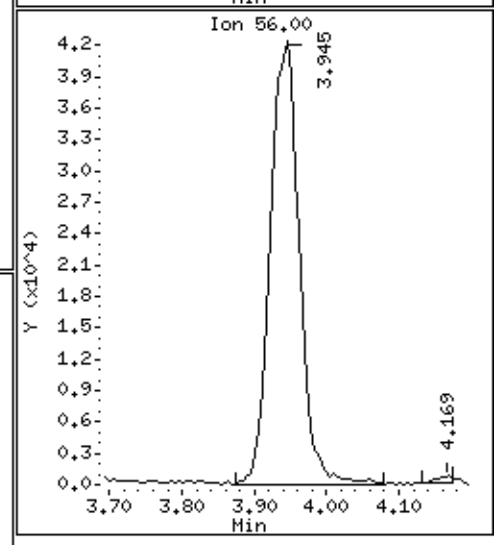
Concentration: 42.7 ppb

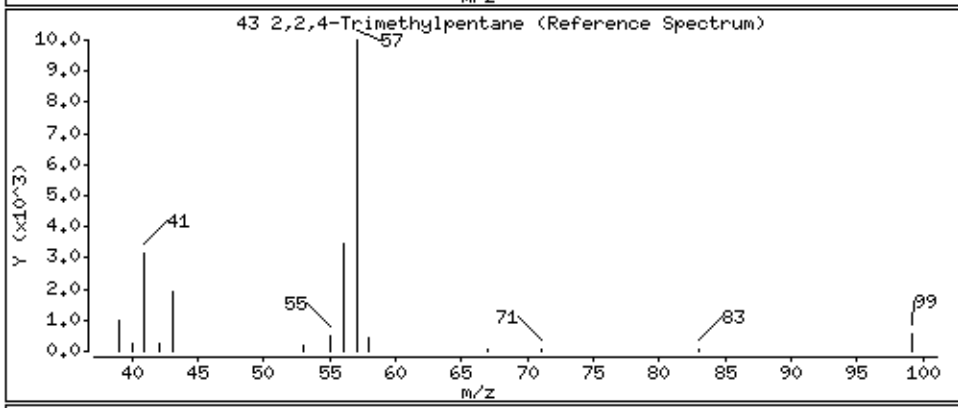
Review Code:

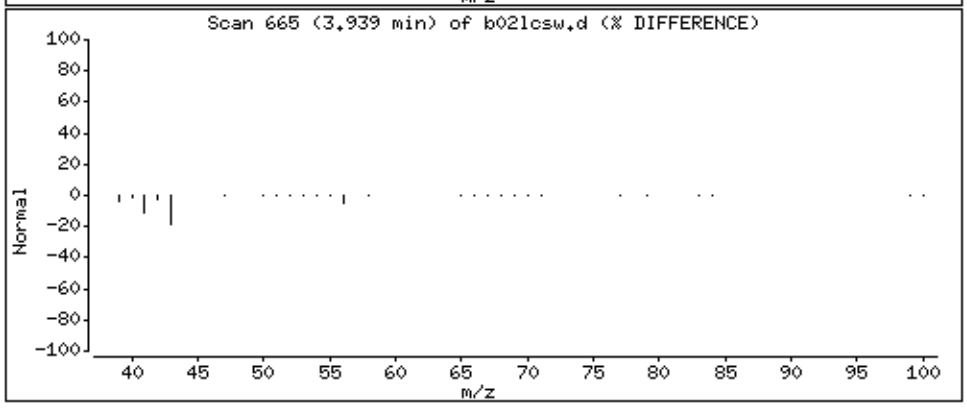












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

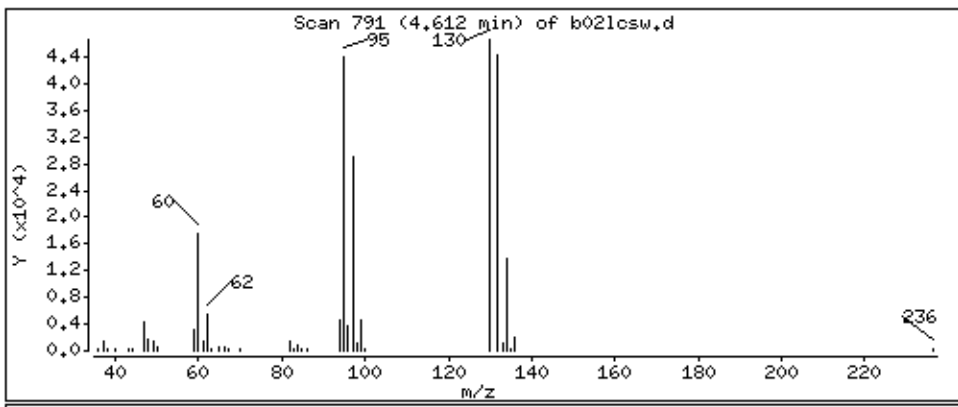
Column phase: DB-624

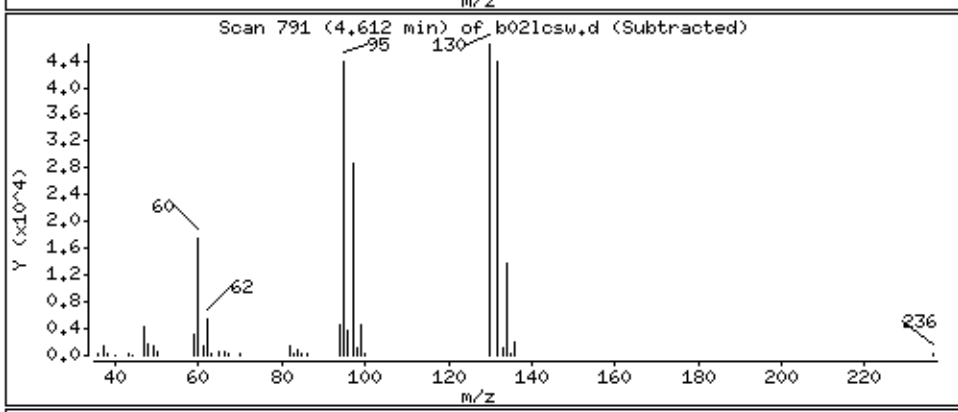
Column diameter: 0.18

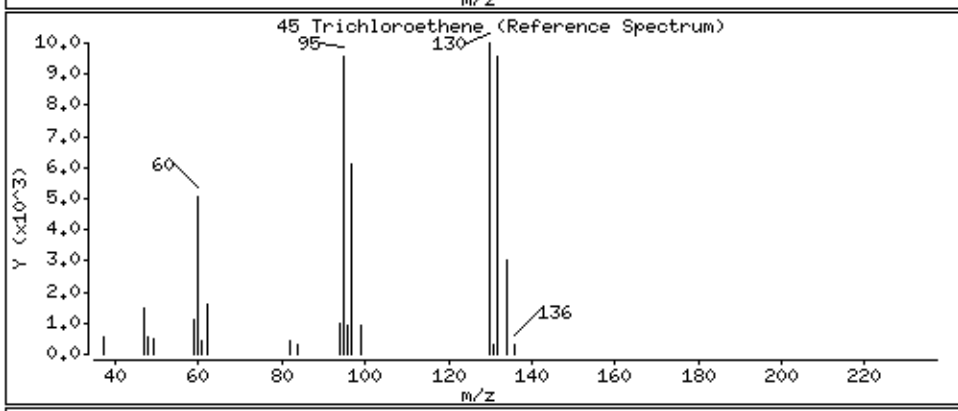
45 Trichloroethene

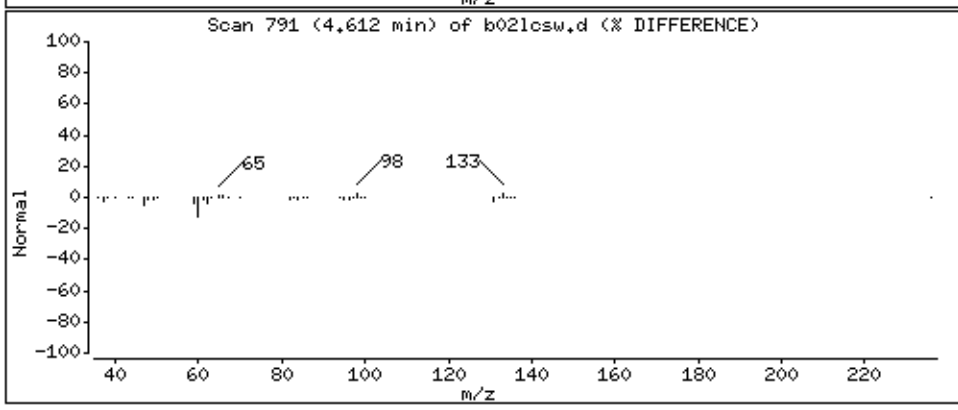
Concentration: 44.2 ppb

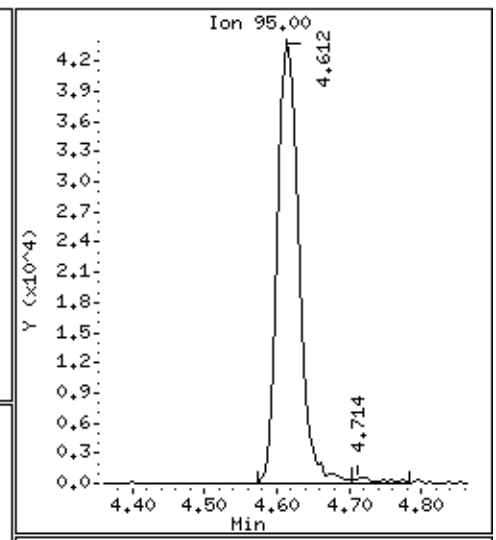
Review Code:

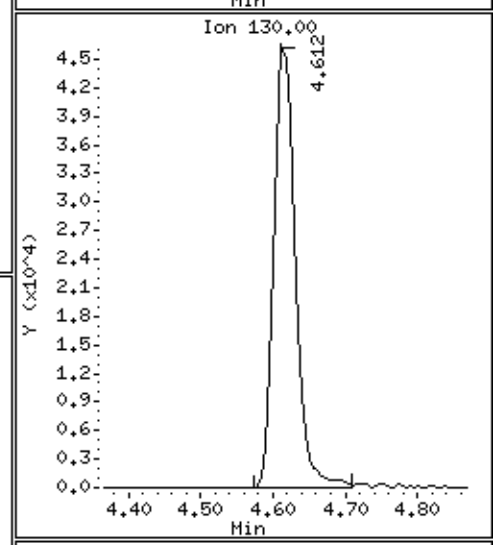


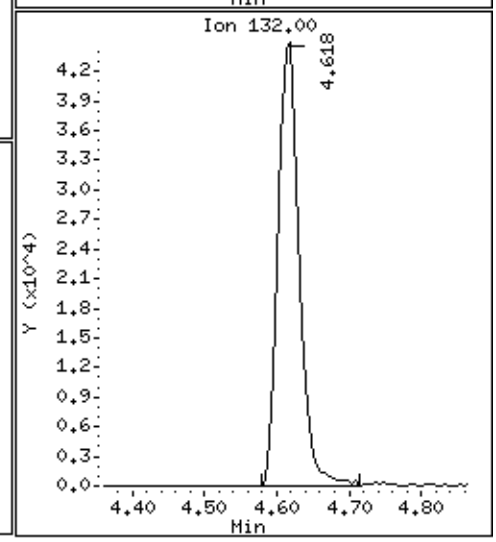












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

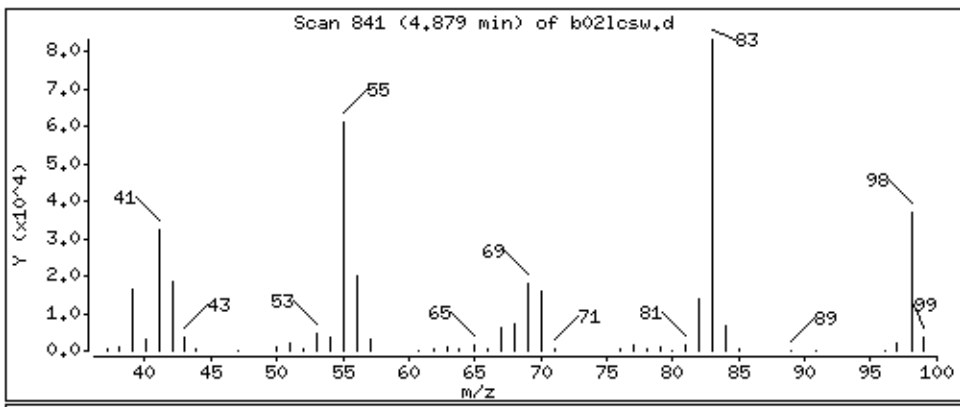
Column phase: DB-624

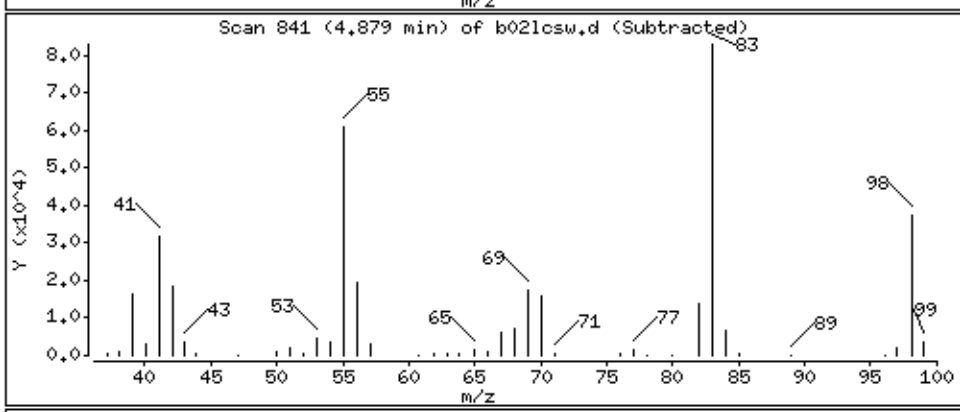
Column diameter: 0.18

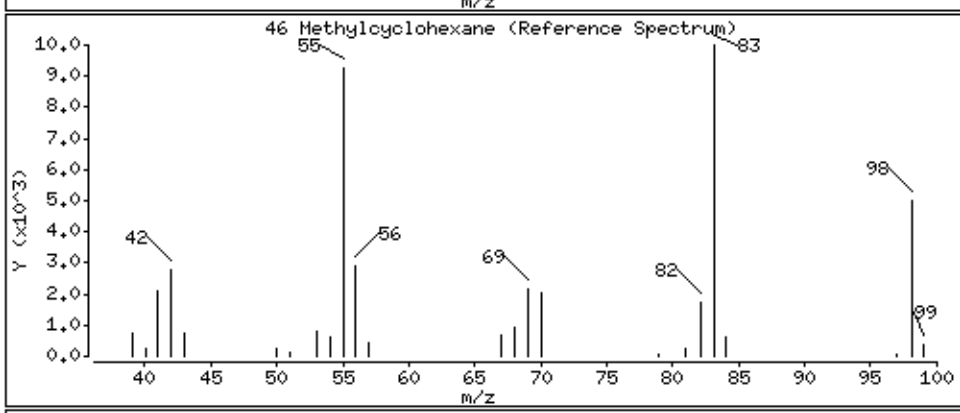
46 Methylcyclohexane

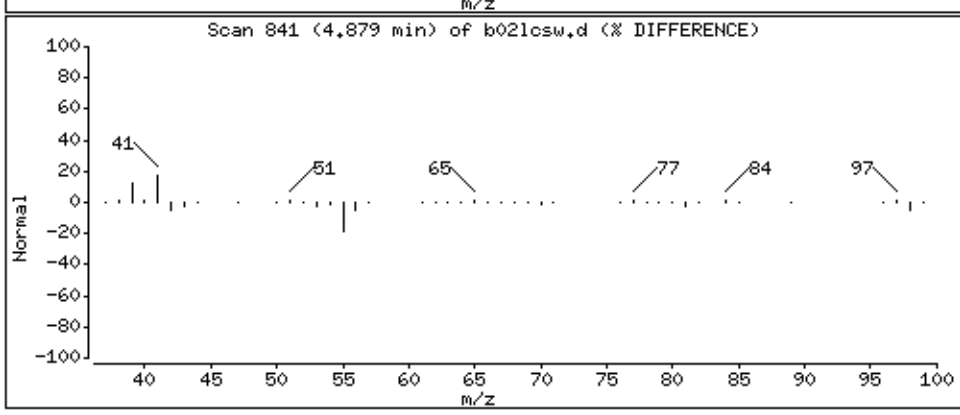
Concentration: 40.6 ppb

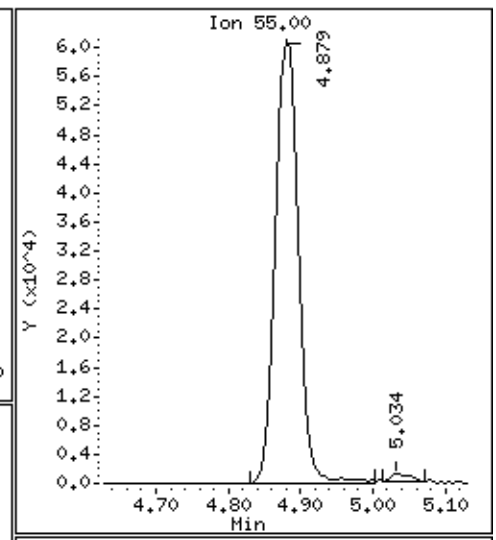
Review Code:

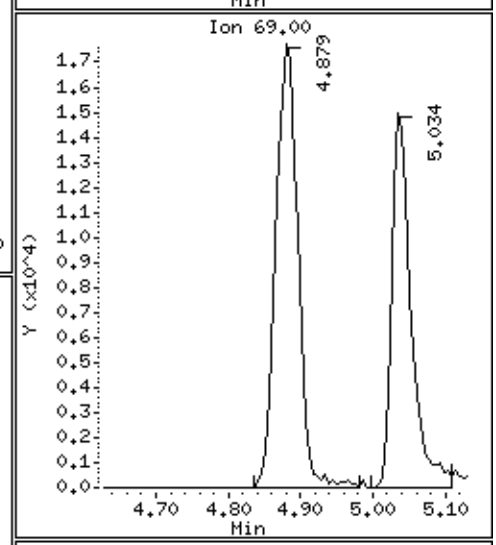


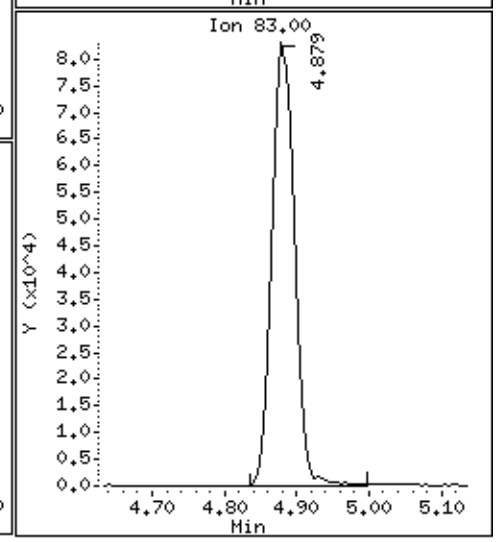












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

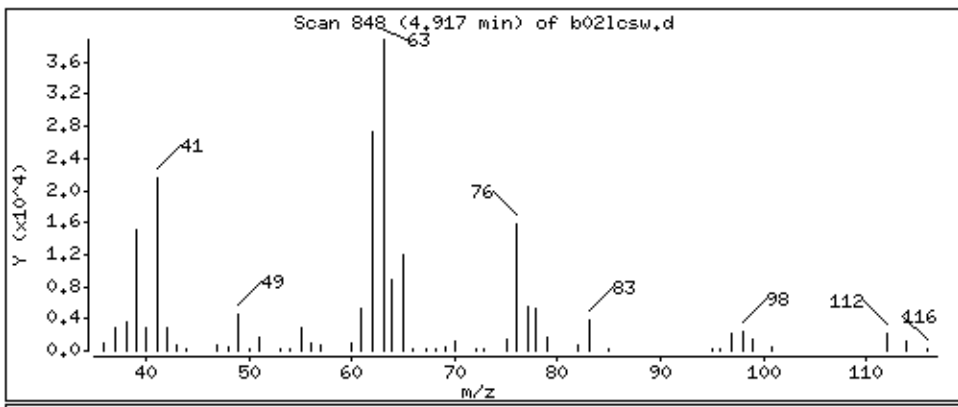
Column phase: DB-624

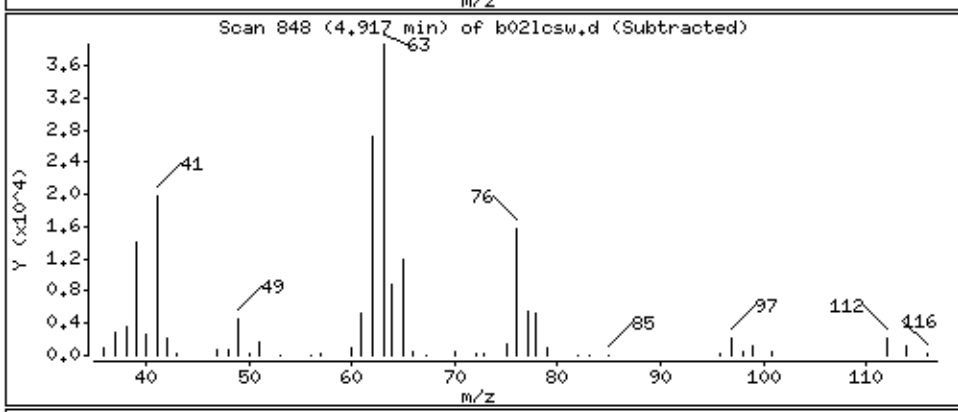
Column diameter: 0.18

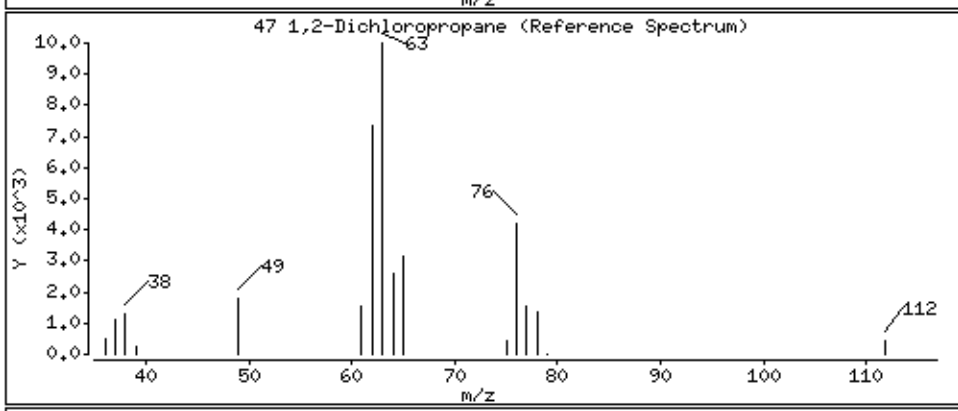
47 1,2-Dichloropropane

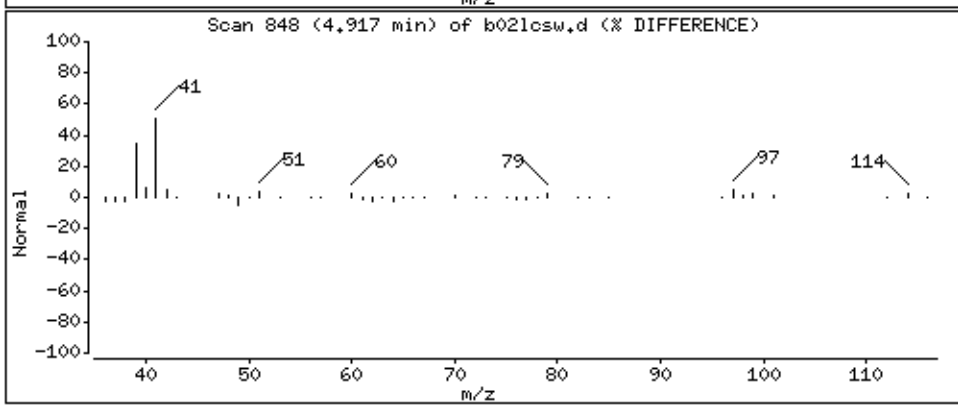
Concentration: 44.0 ppb

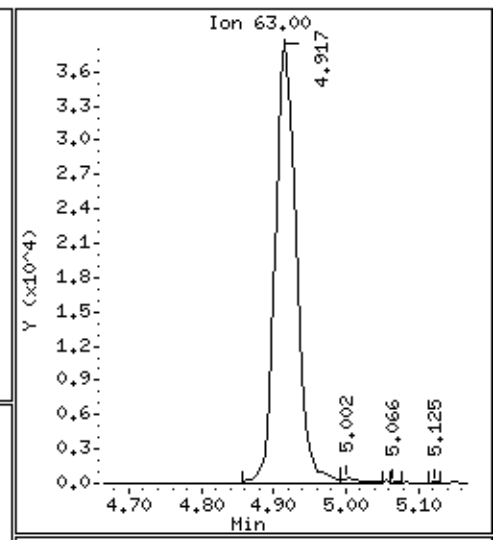
Review Code:

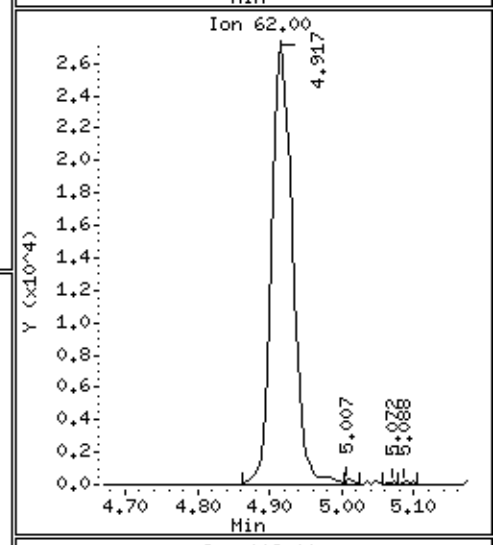


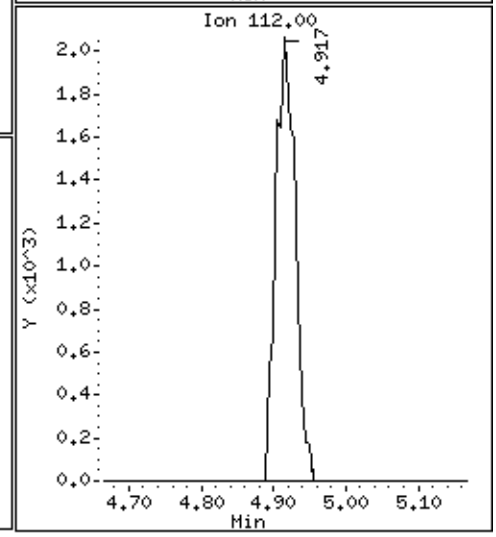












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

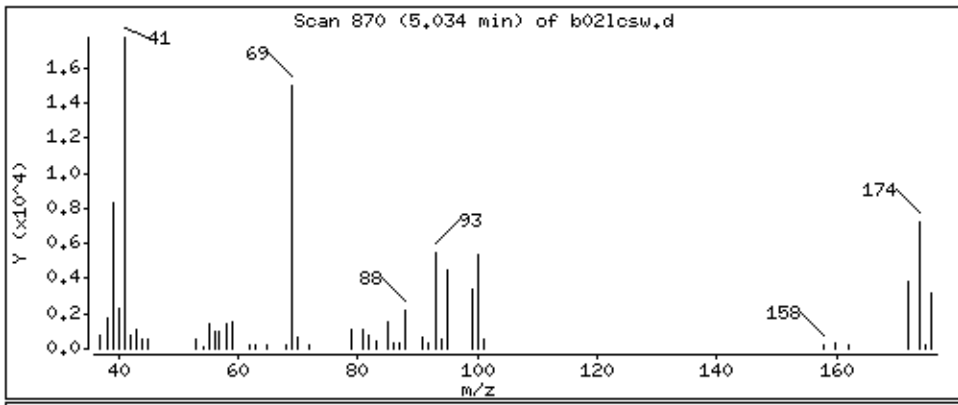
Column phase: DB-624

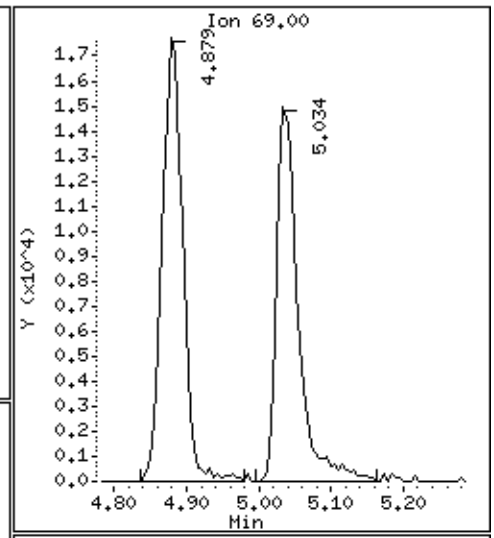
Column diameter: 0.18

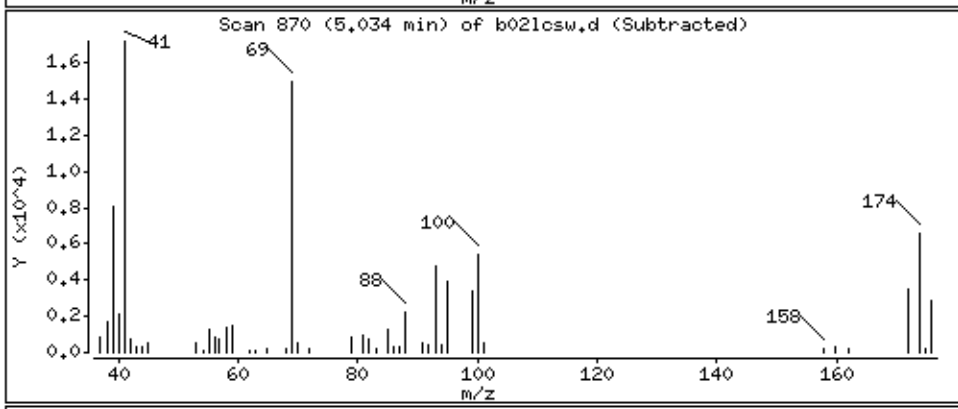
48 Methyl methacrylate

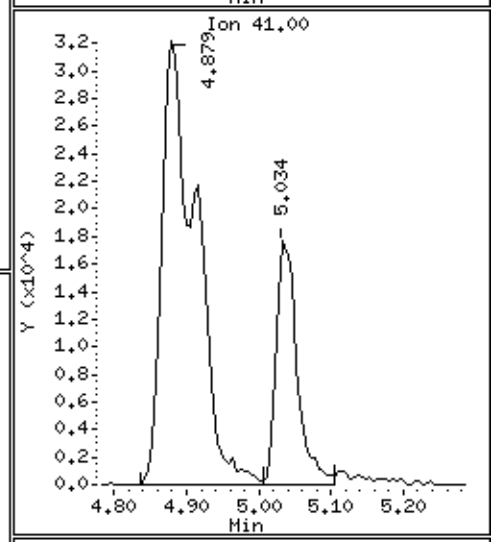
Concentration: 44.4 ppb

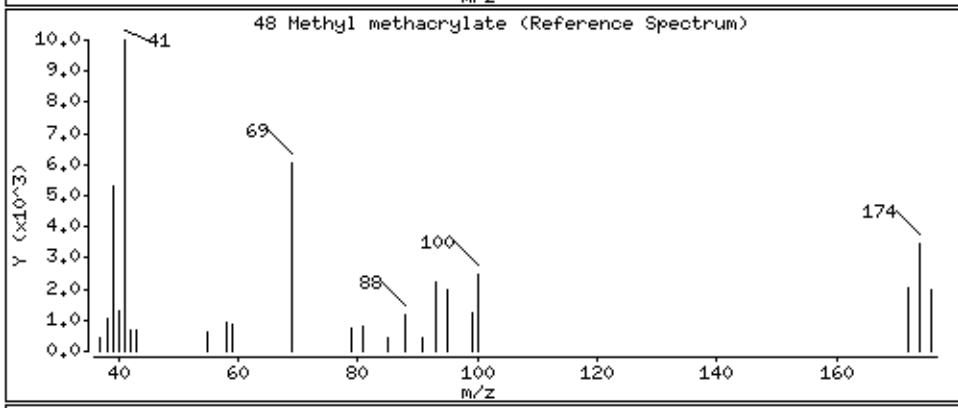
Review Code:

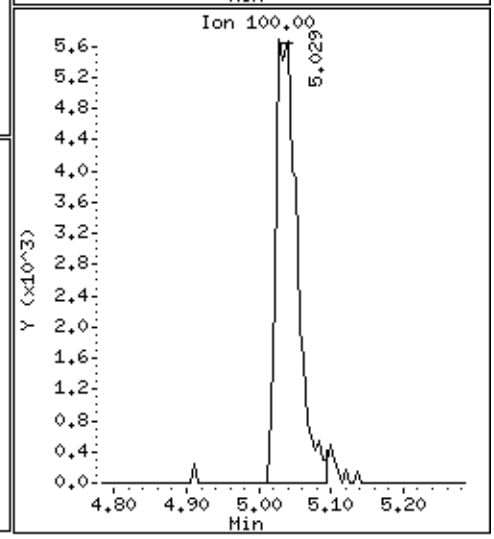


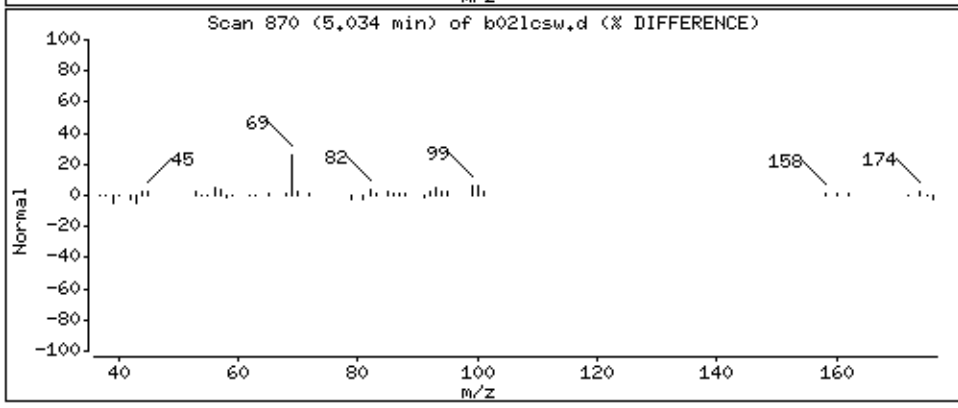












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

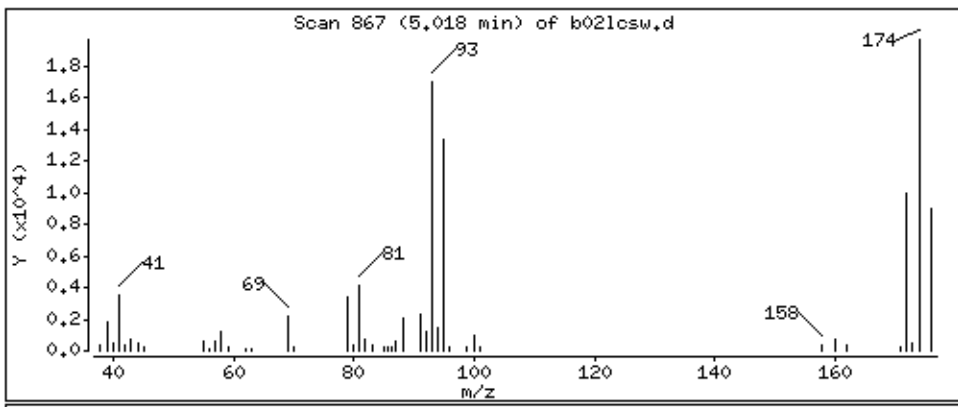
Column phase: DB-624

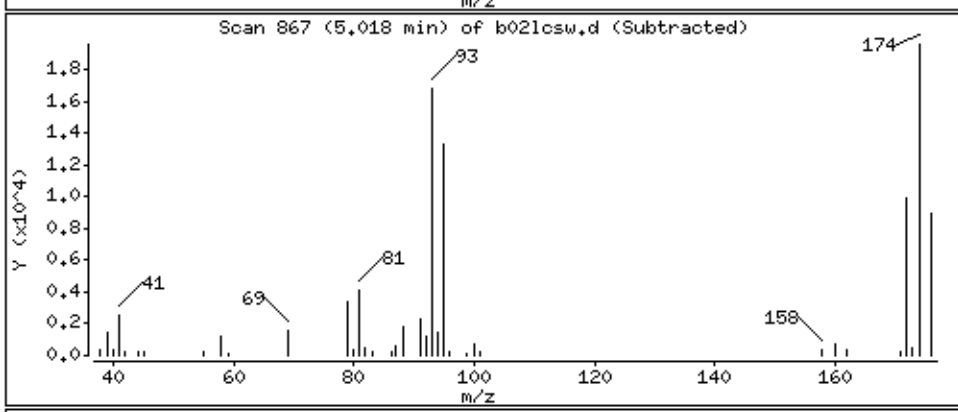
Column diameter: 0.18

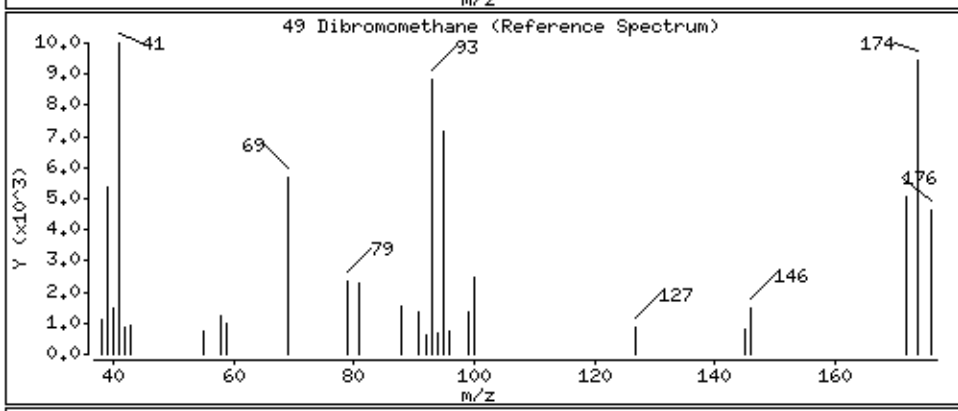
49 Dibromomethane

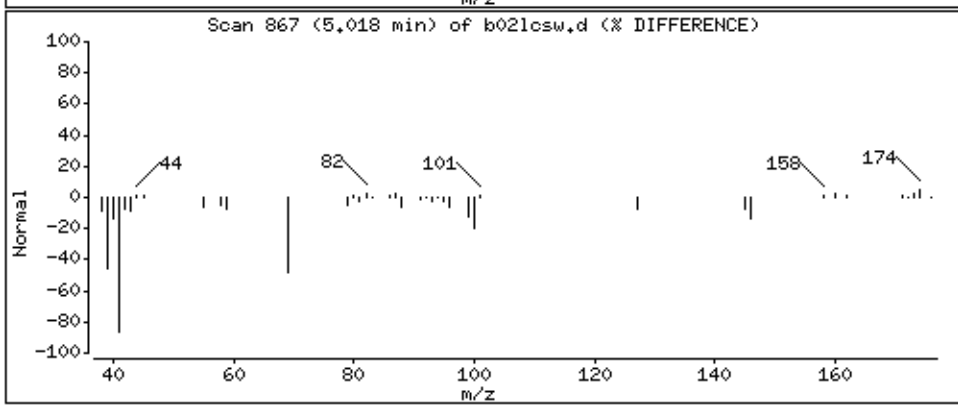
Concentration: 44.0 ppb

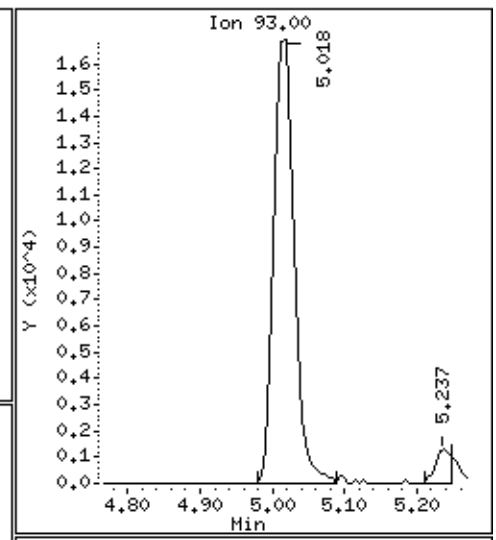
Review Code:

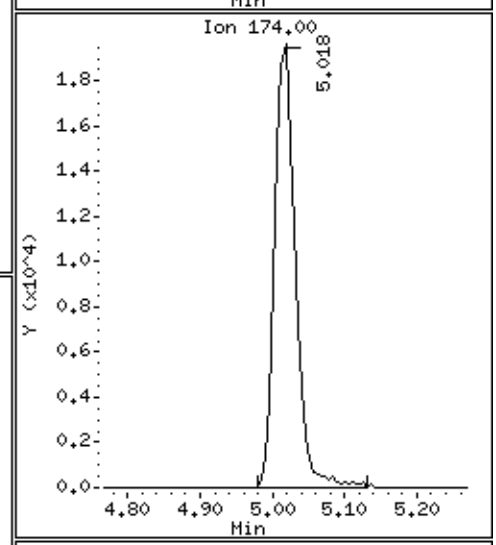


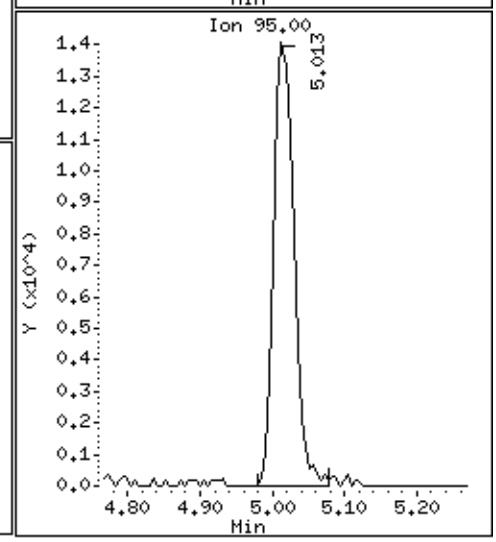












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

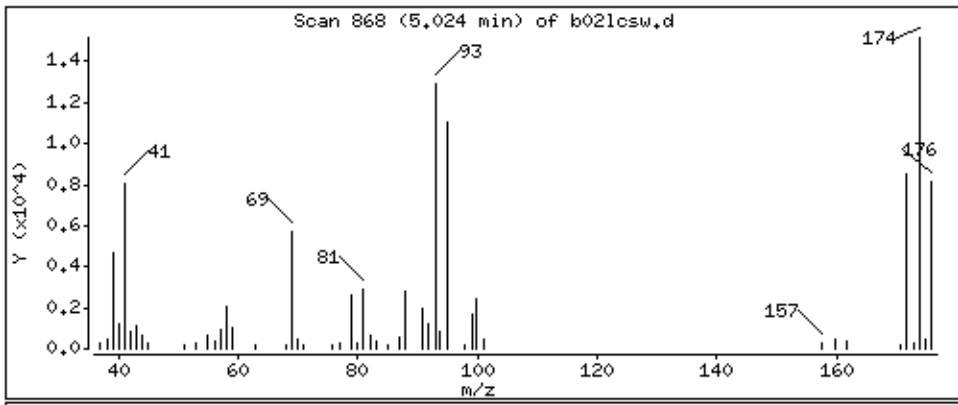
Column phase: DB-624

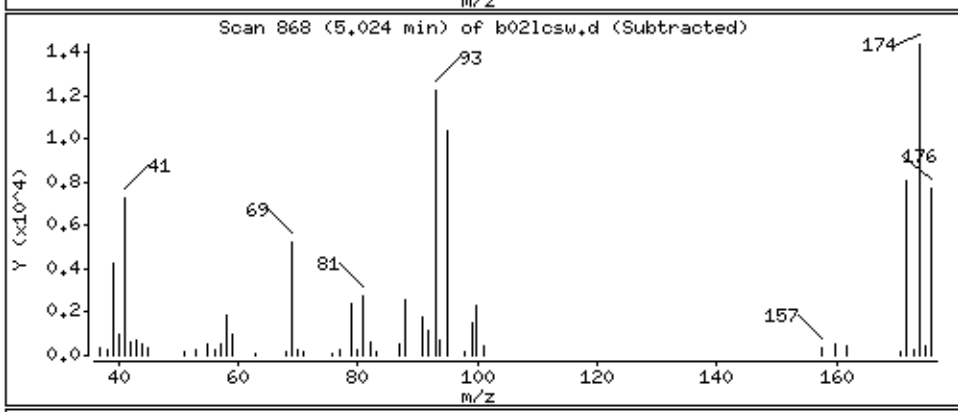
Column diameter: 0.18

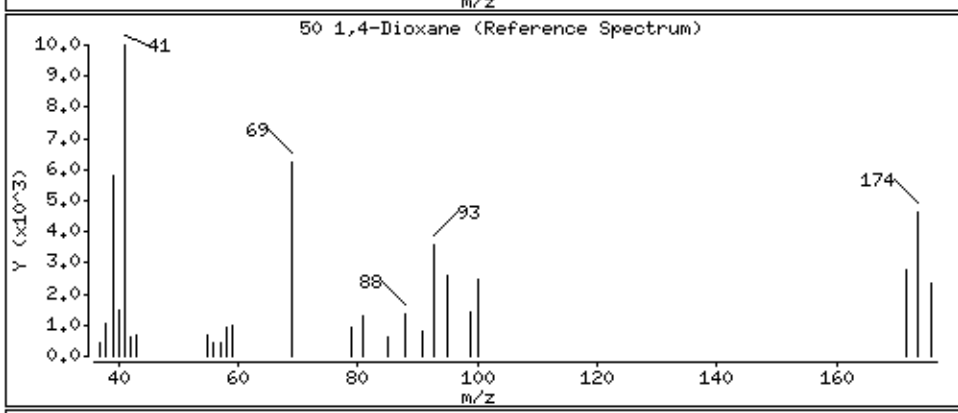
50 1,4-Dioxane

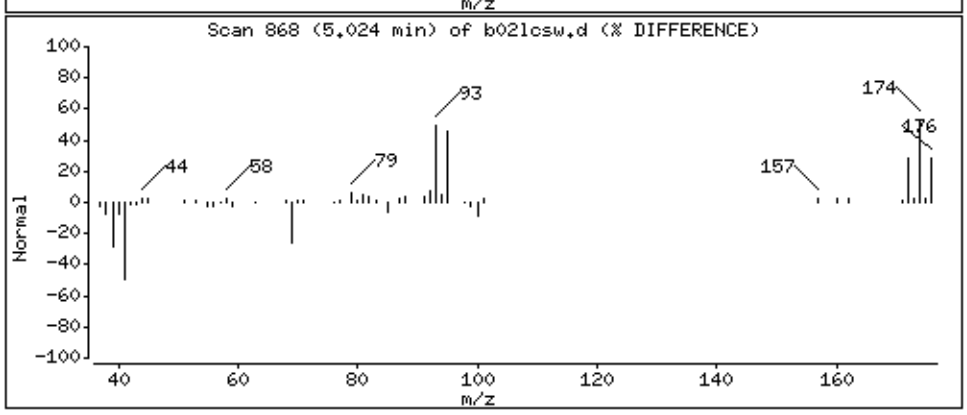
Concentration: 767 ppb

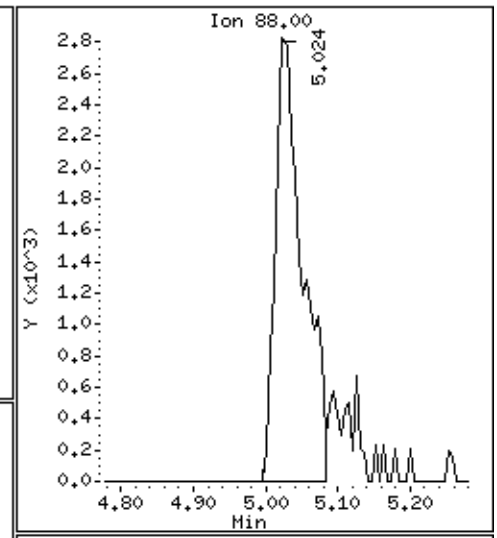
Review Code:

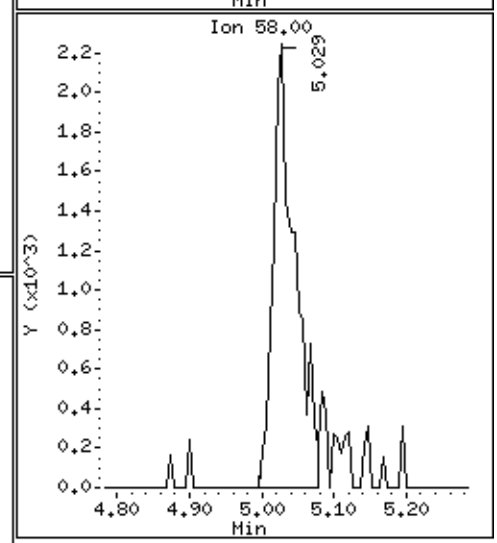












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

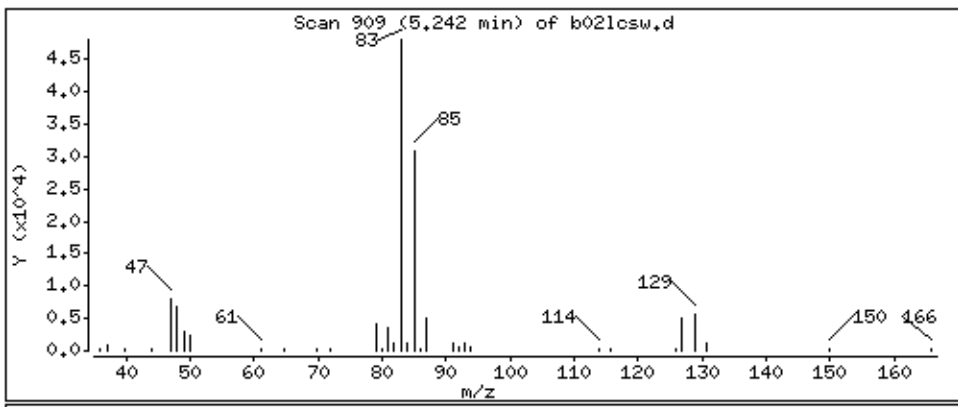
Column phase: DB-624

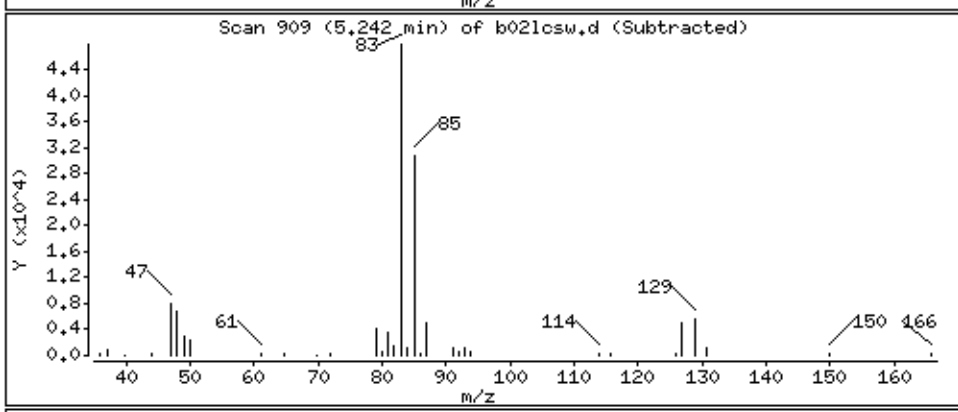
Column diameter: 0.18

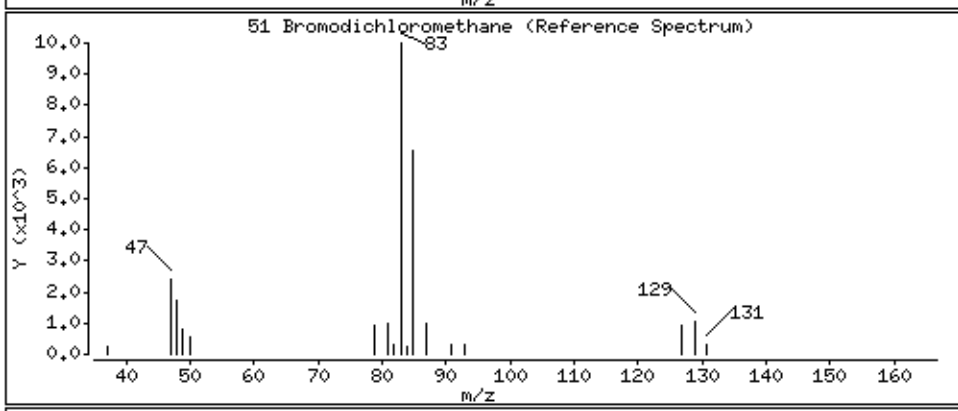
51 Bromodichloromethane

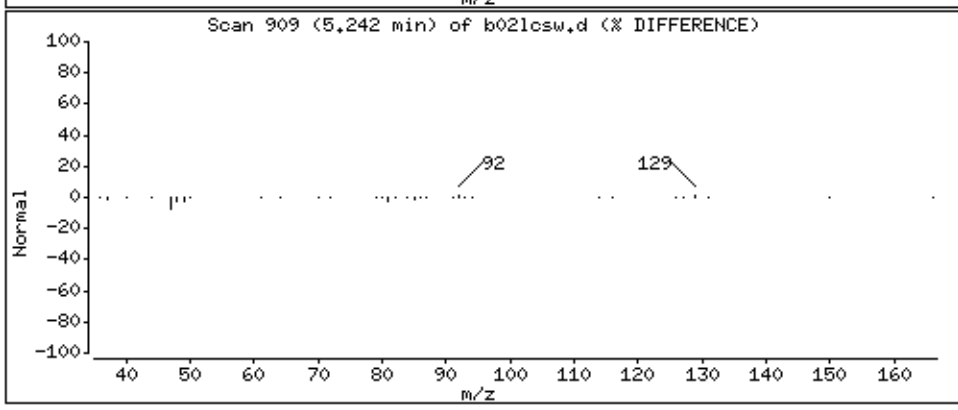
Concentration: 43.1 ppb

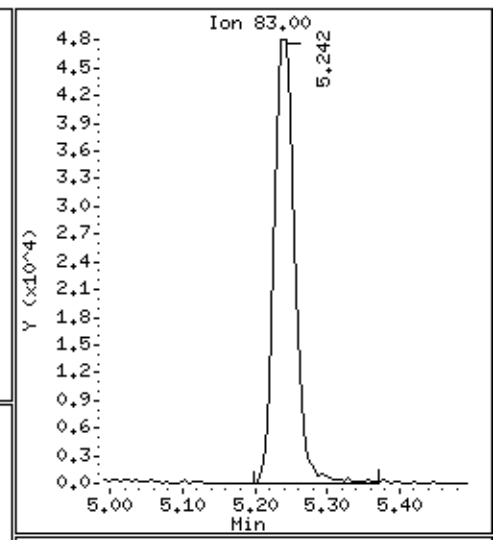
Review Code:

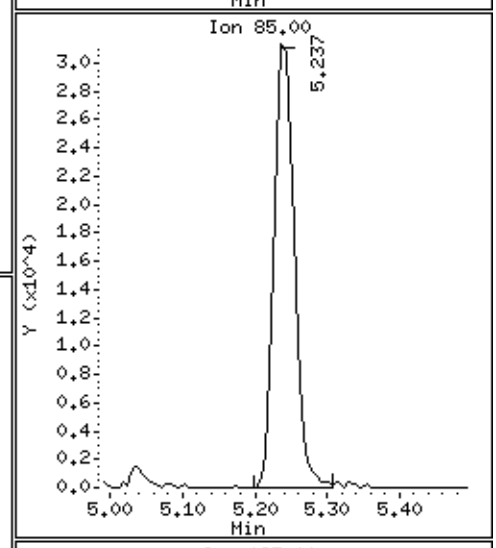


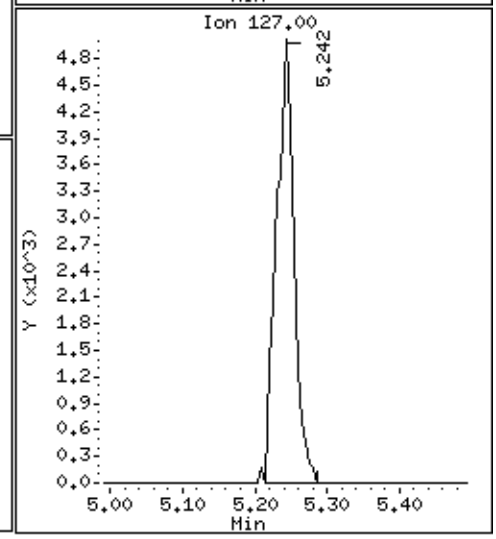












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

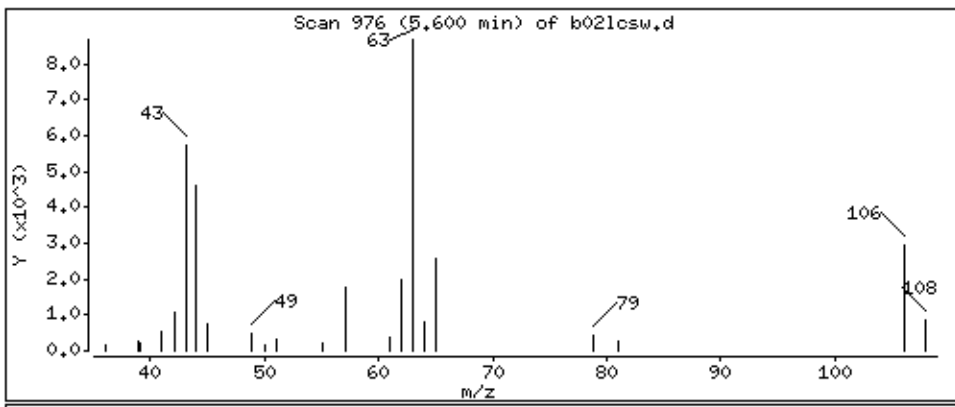
Column phase: DB-624

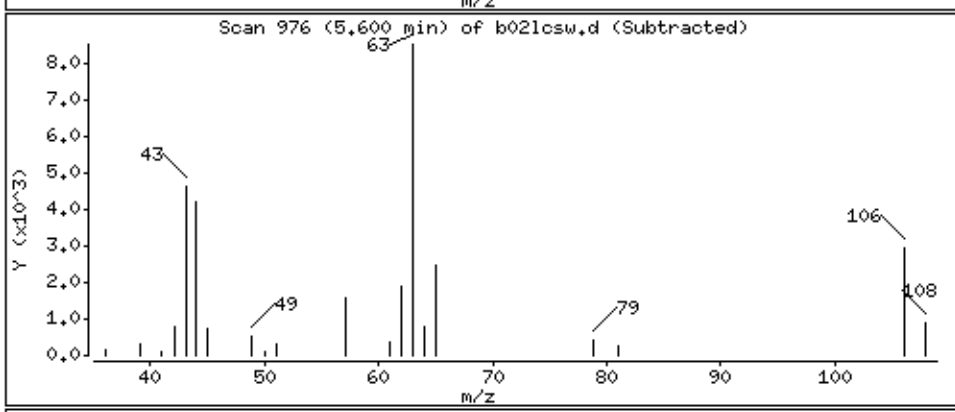
Column diameter: 0.18

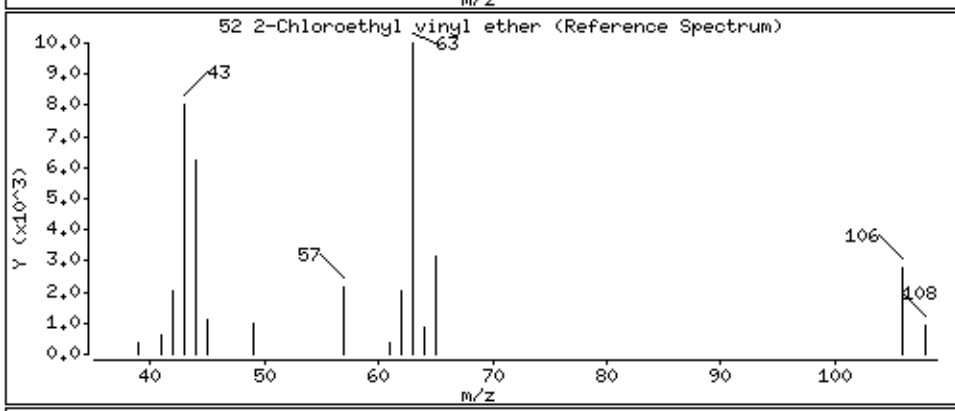
52 2-Chloroethyl vinyl ether

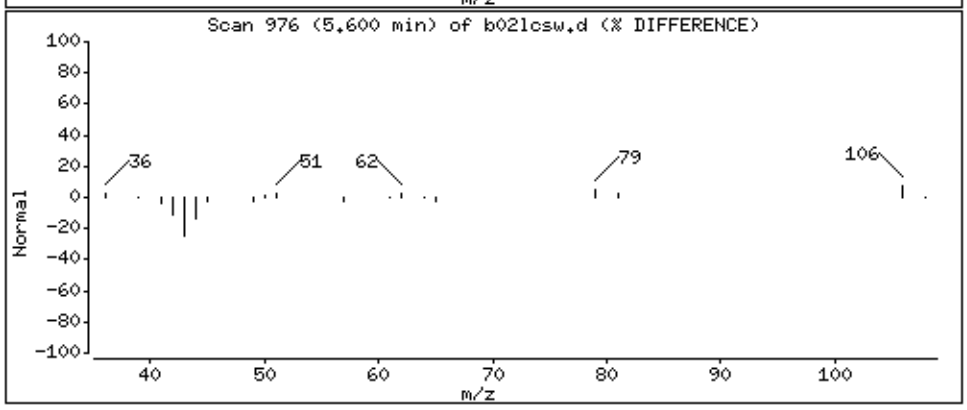
Concentration: 38.4 ppb

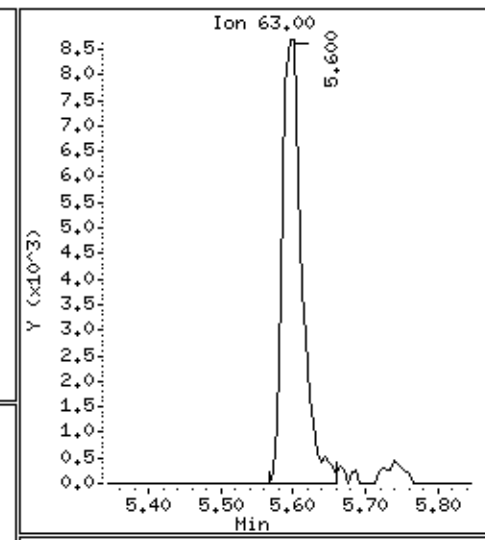
Review Code:

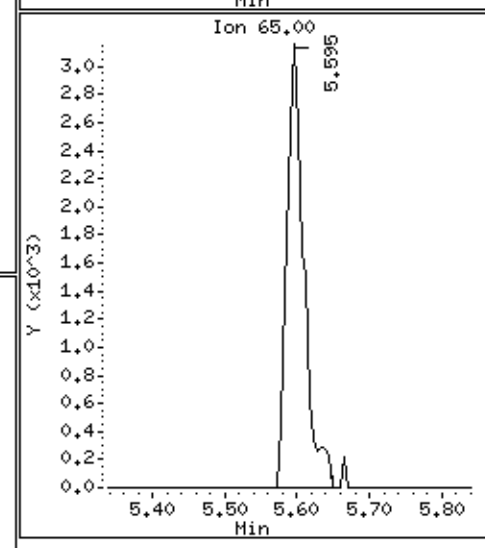












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

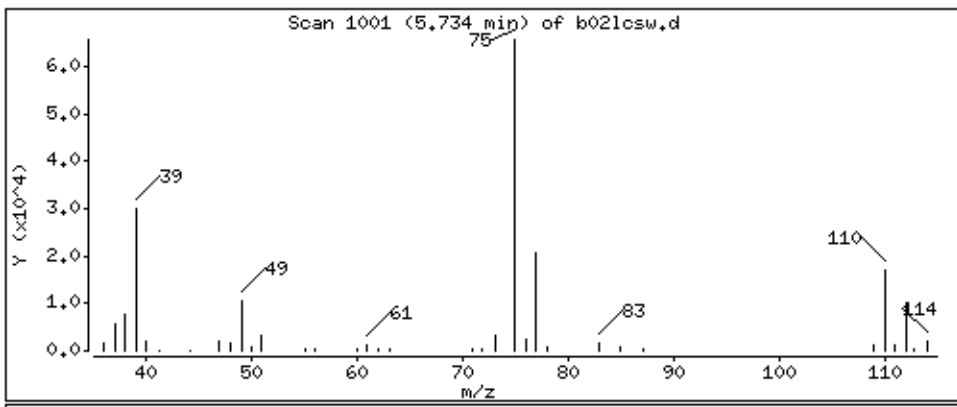
Column phase: DB-624

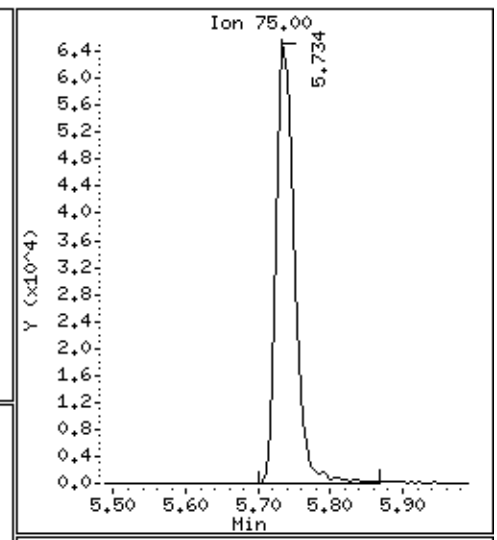
Column diameter: 0.18

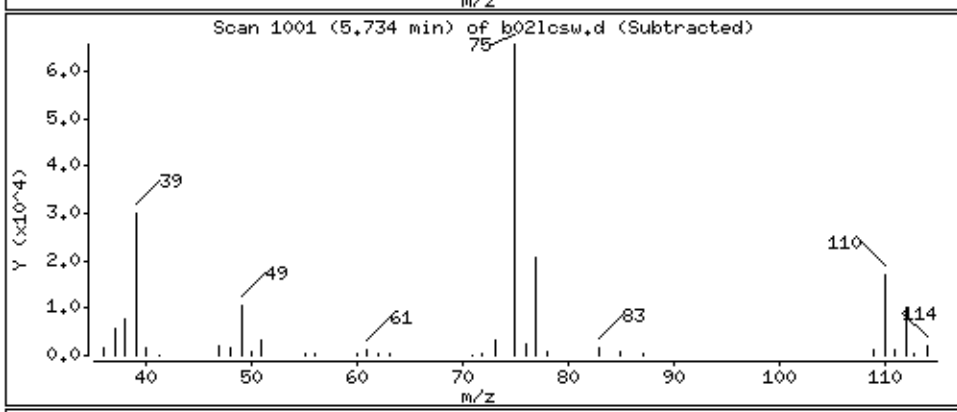
53 cis-1,3-Dichloropropene

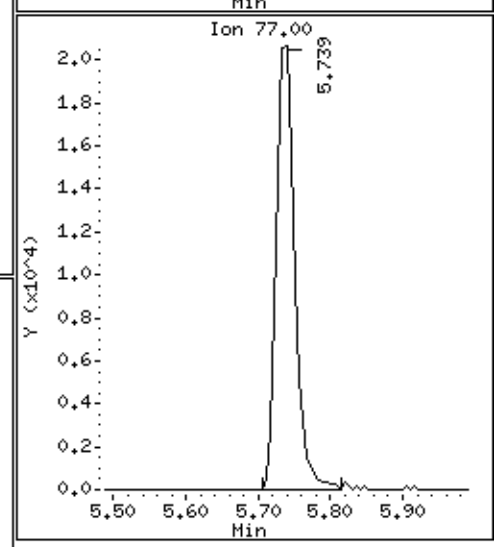
Concentration: 43.4 ppb

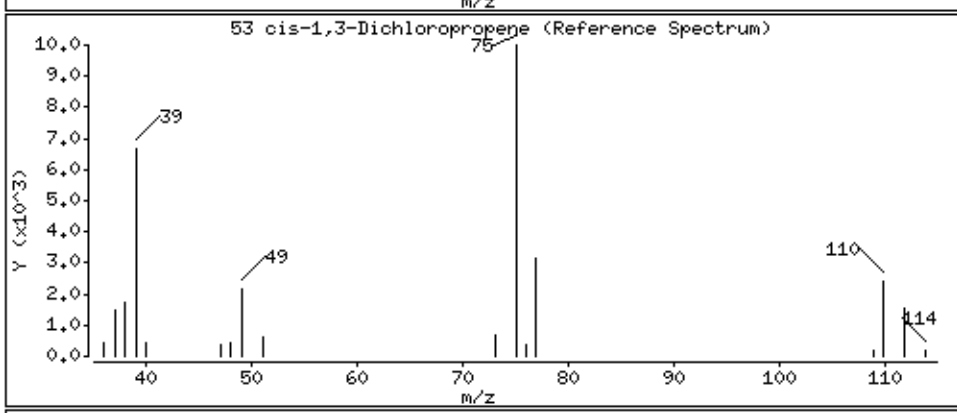
Review Code:

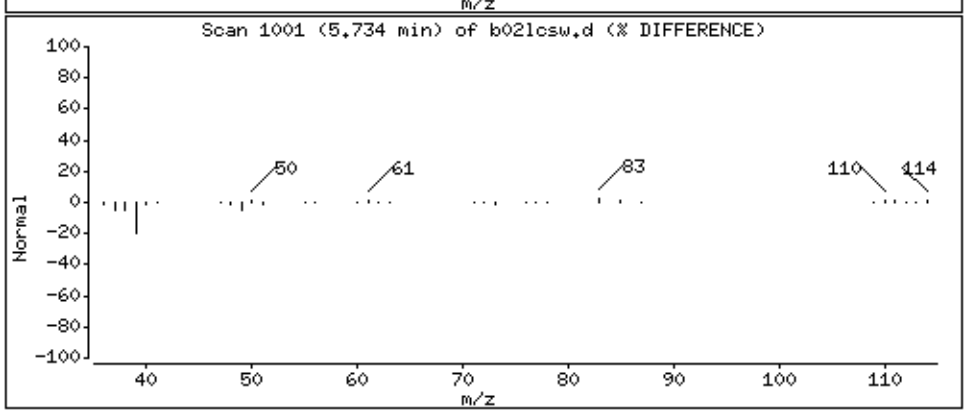












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

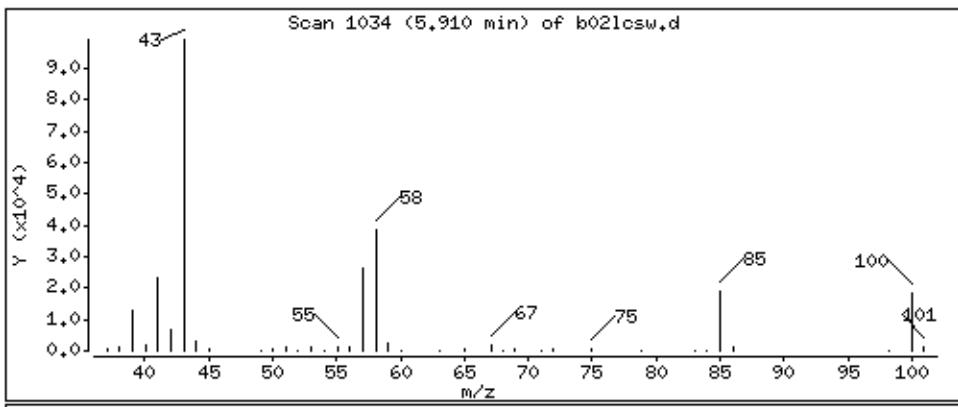
Column phase: DB-624

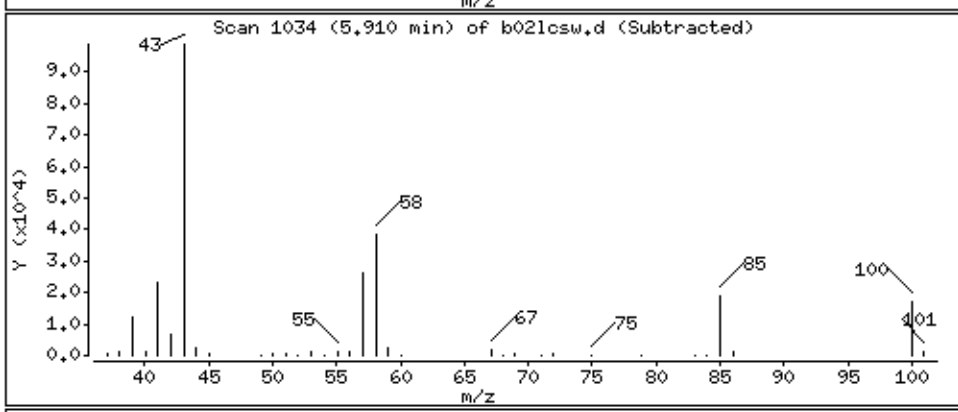
Column diameter: 0.18

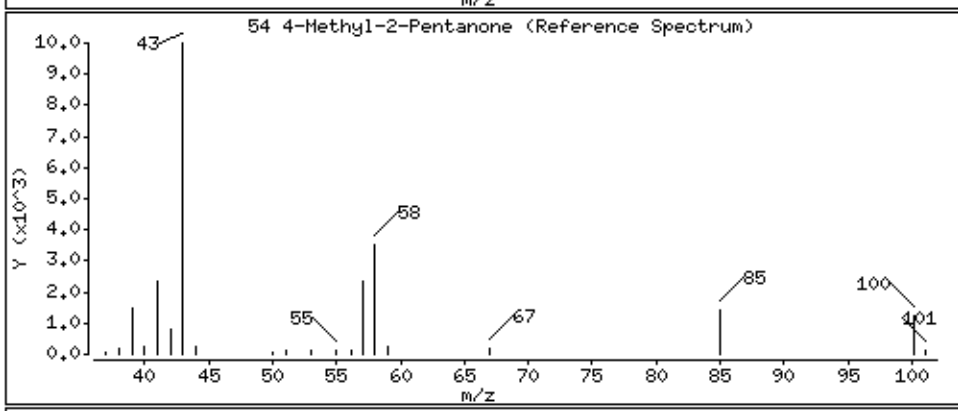
54 4-Methyl-2-Pentanone

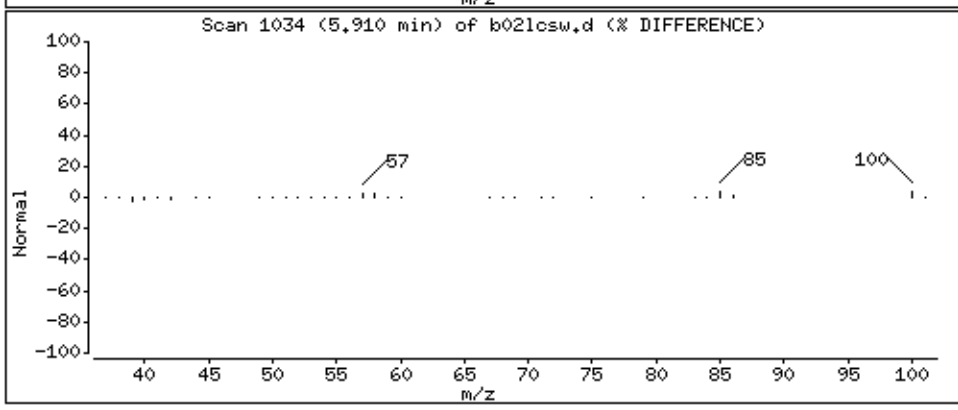
Concentration: 198 ppb

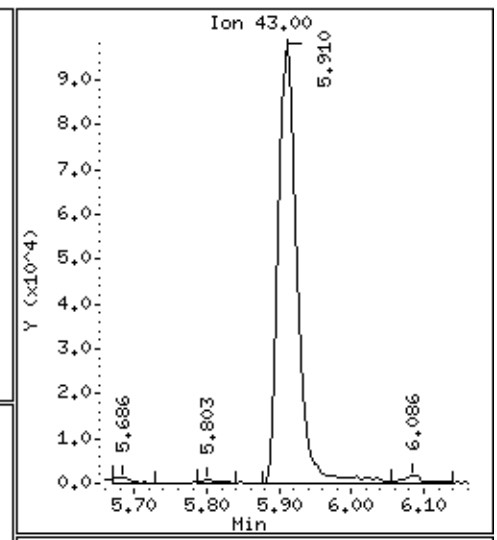
Review Code:

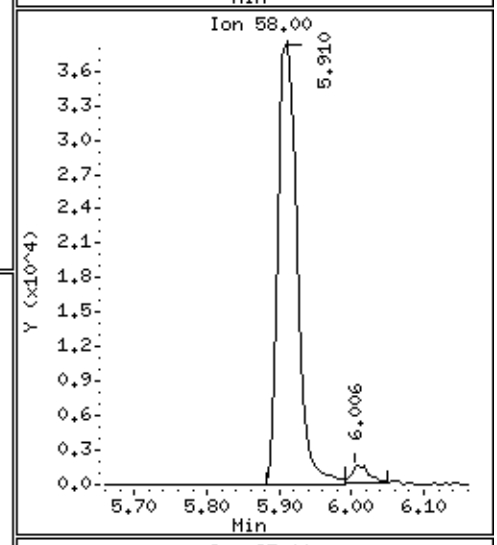


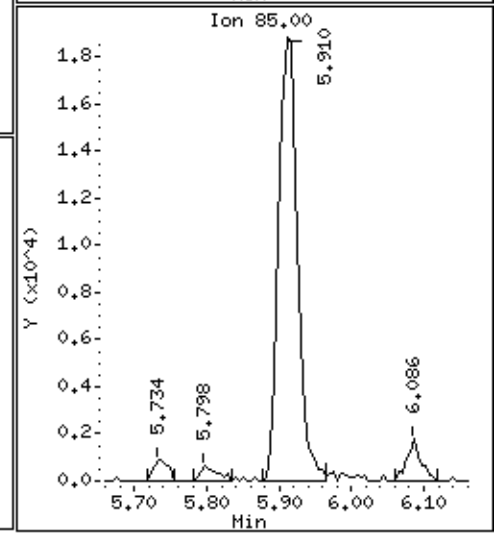












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

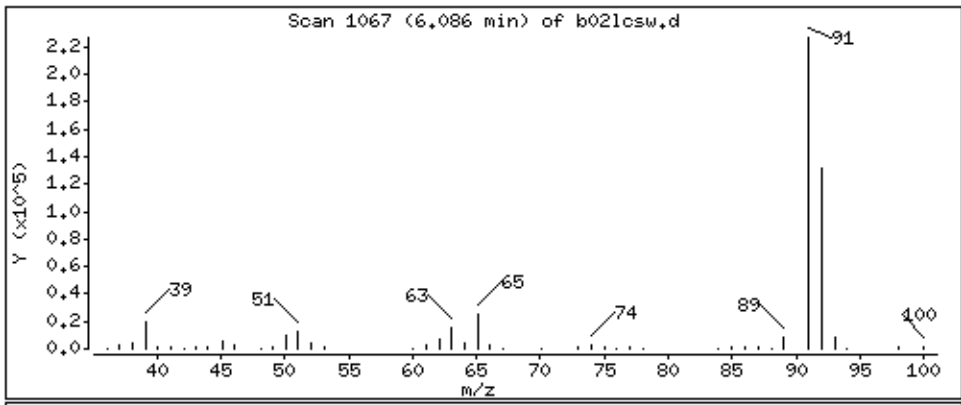
Column phase: DB-624

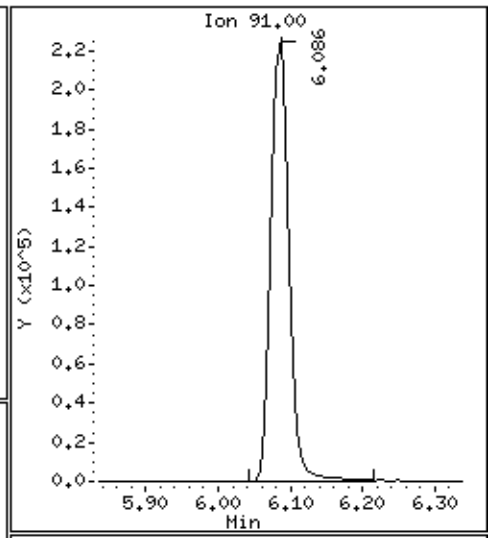
Column diameter: 0.18

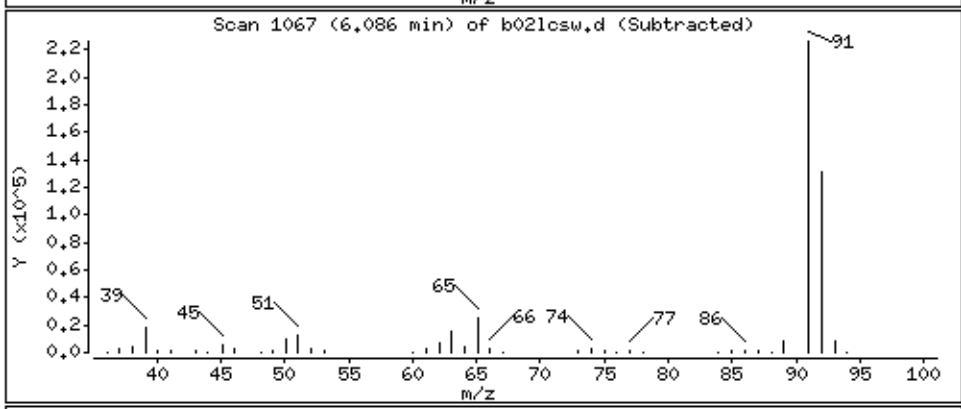
56 Toluene

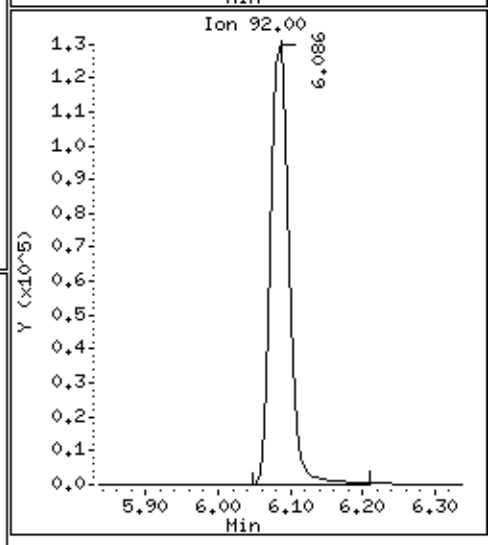
Concentration: 44.2 ppb

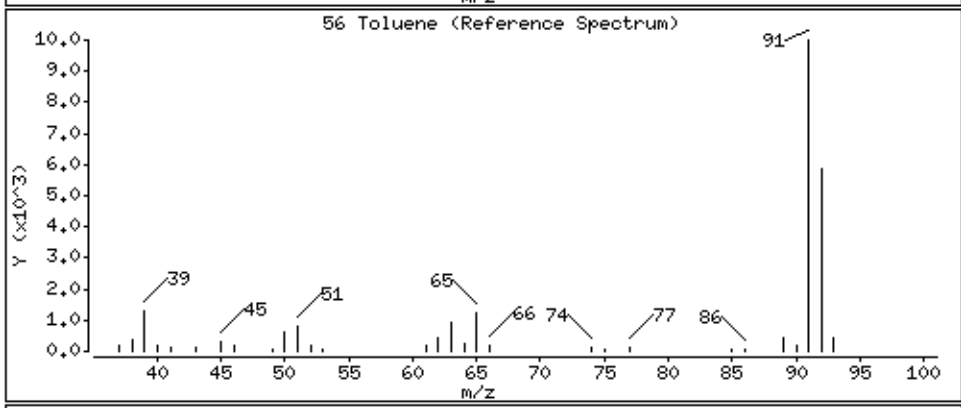
Review Code:

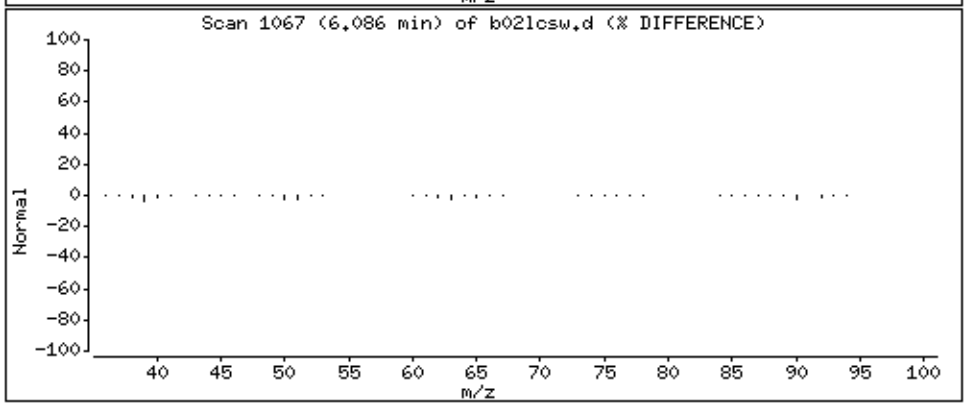












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

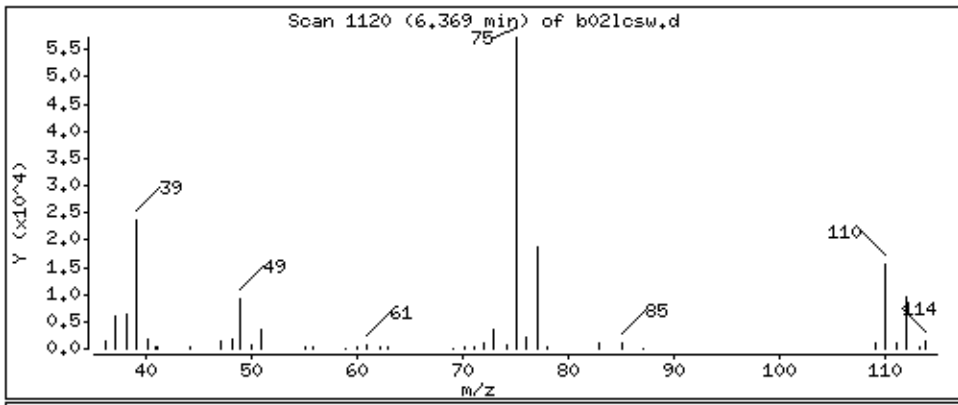
Column phase: DB-624

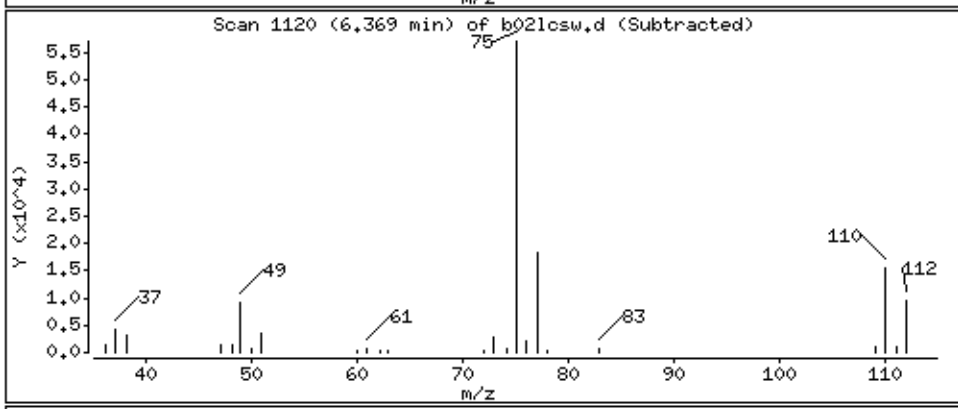
Column diameter: 0.18

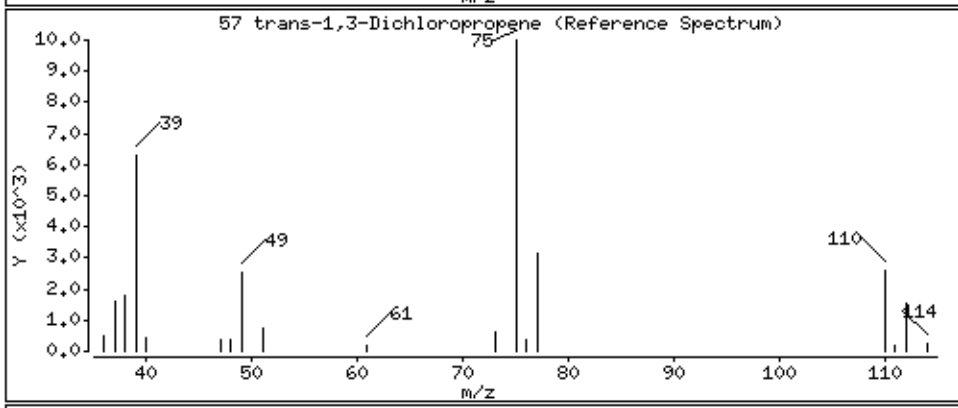
57 trans-1,3-Dichloropropene

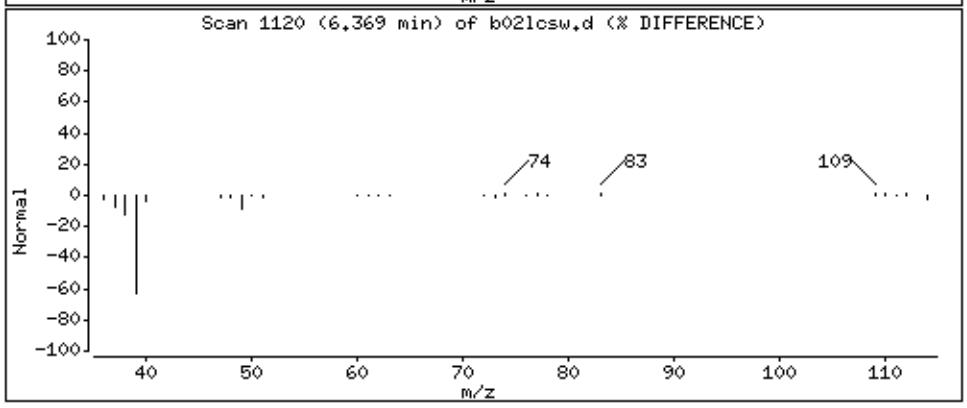
Concentration: 43.0 ppb

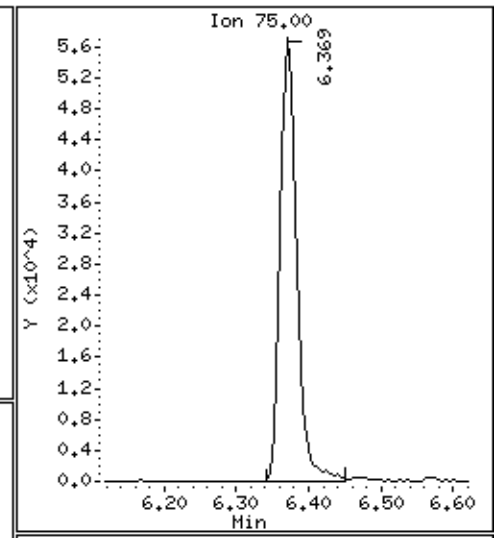
Review Code:

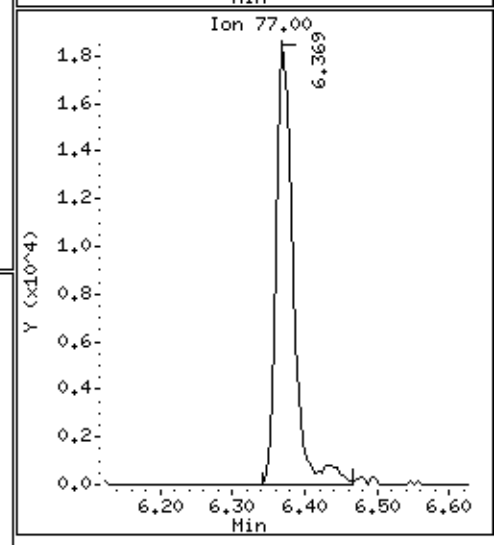












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

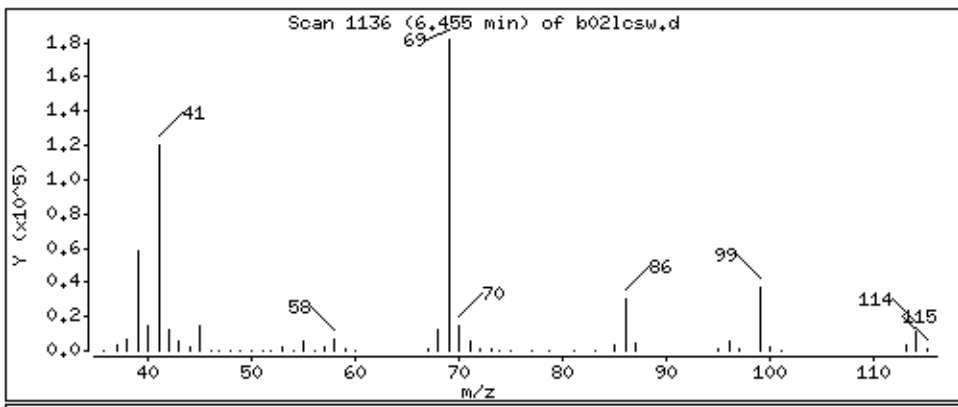
Column phase: DB-624

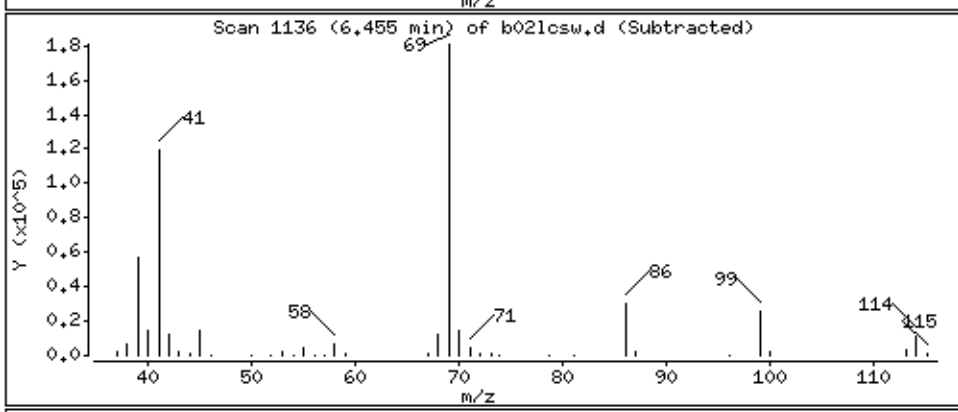
Column diameter: 0.18

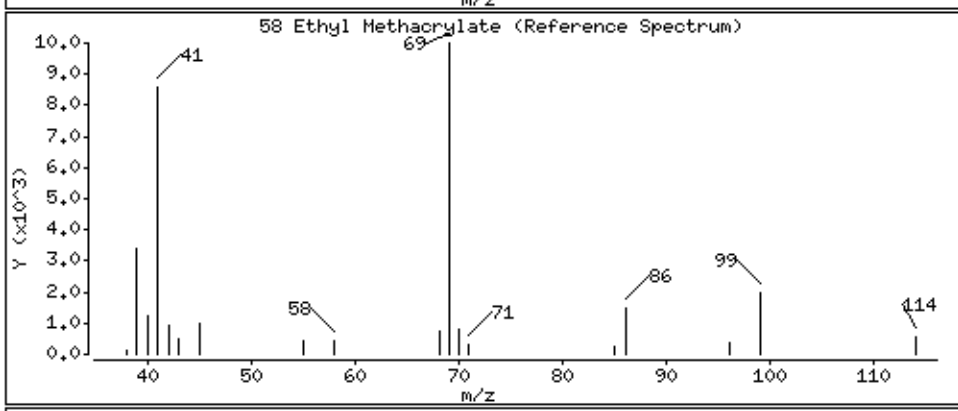
58 Ethyl Methacrylate

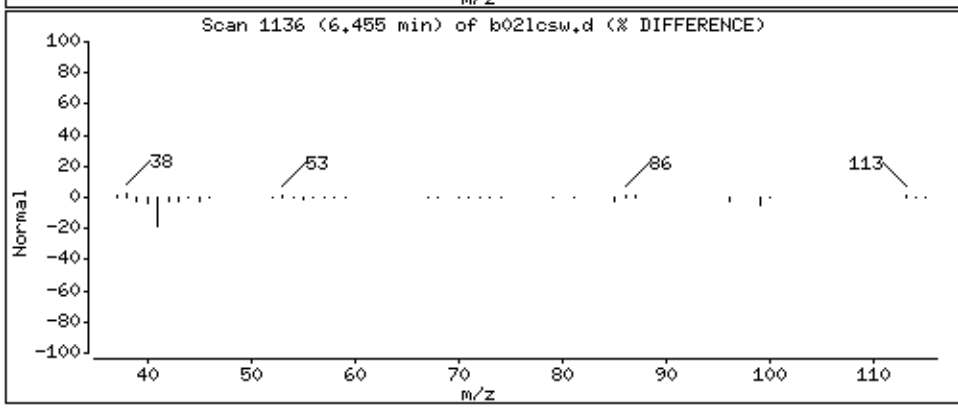
Concentration: 169 ppb

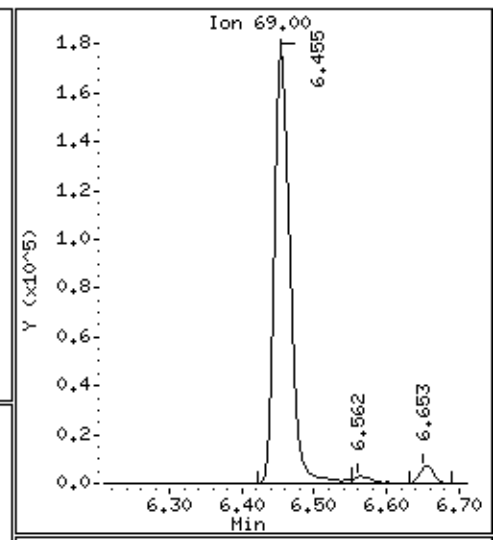
Review Code:

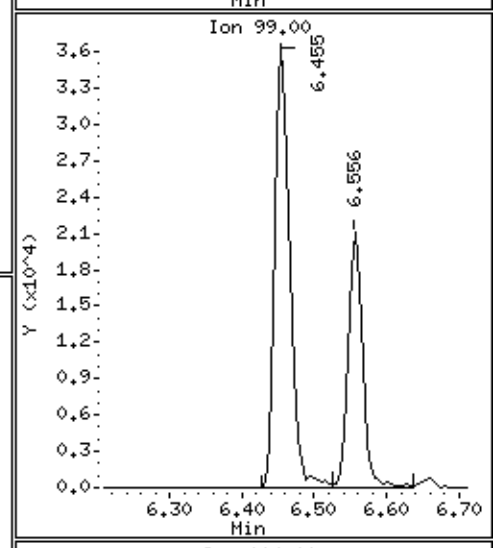


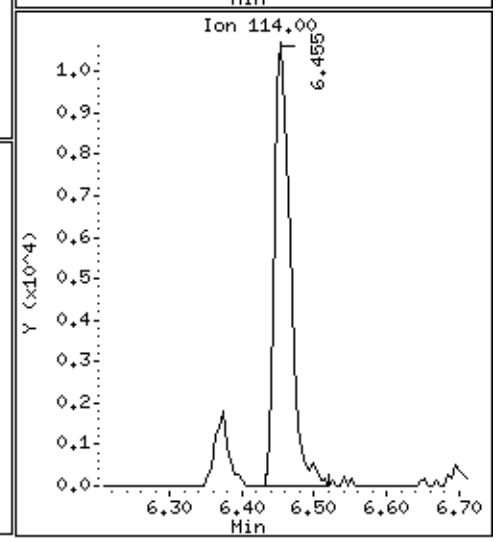












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

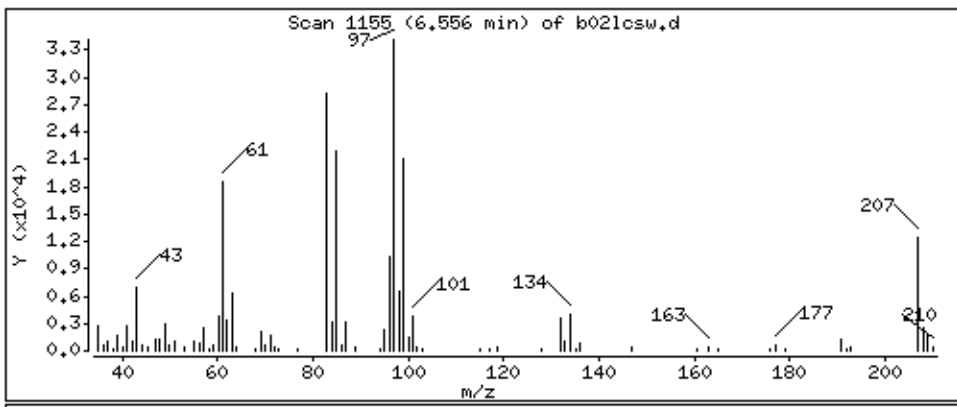
Column phase: DB-624

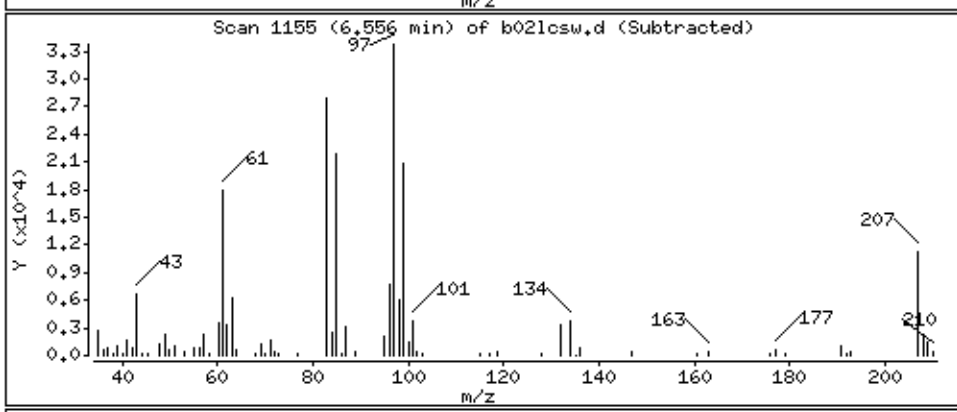
Column diameter: 0.18

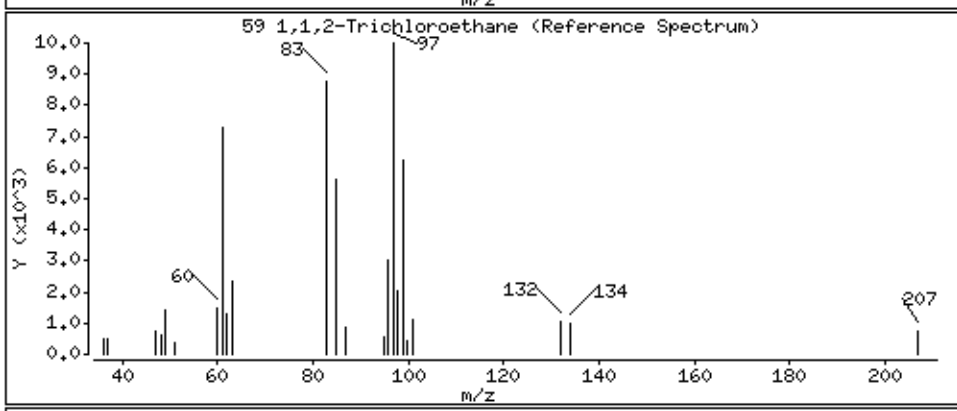
59 1,1,2-Trichloroethane

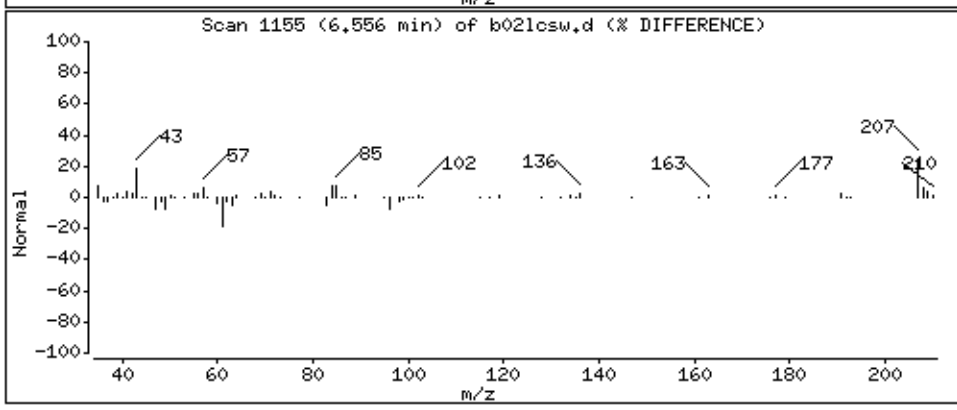
Concentration: 40.3 ppb

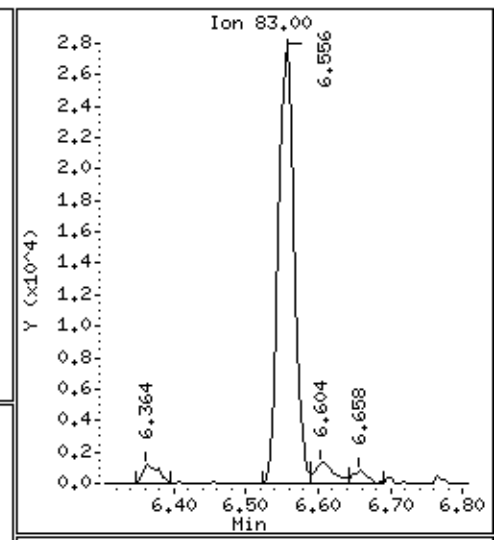
Review Code:

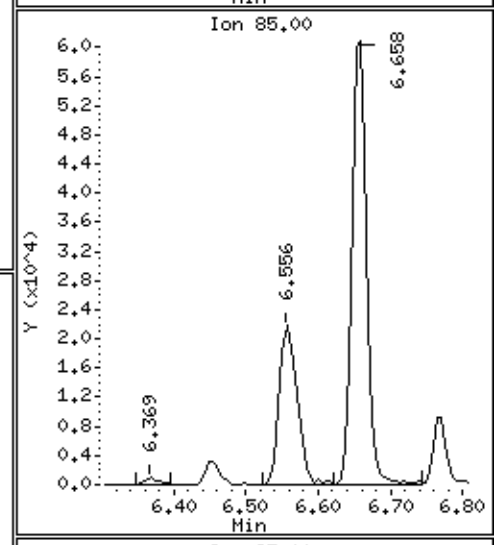


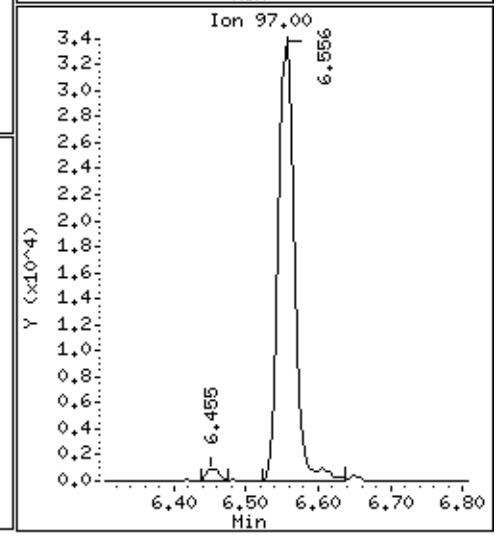












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

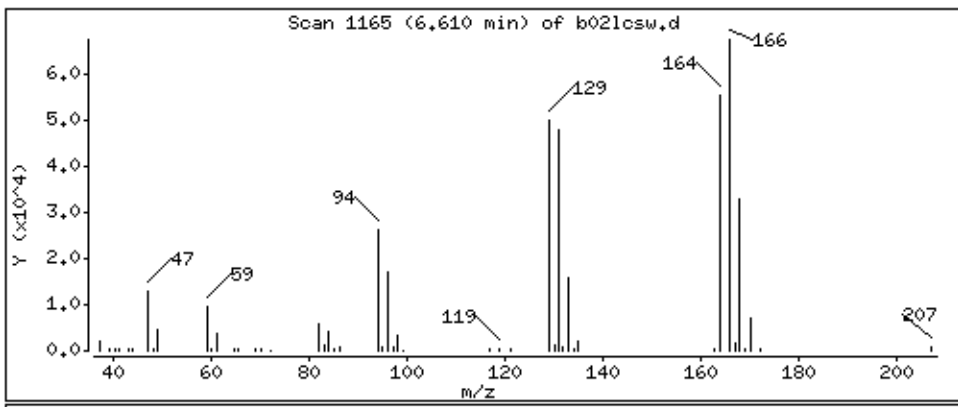
Column phase: DB-624

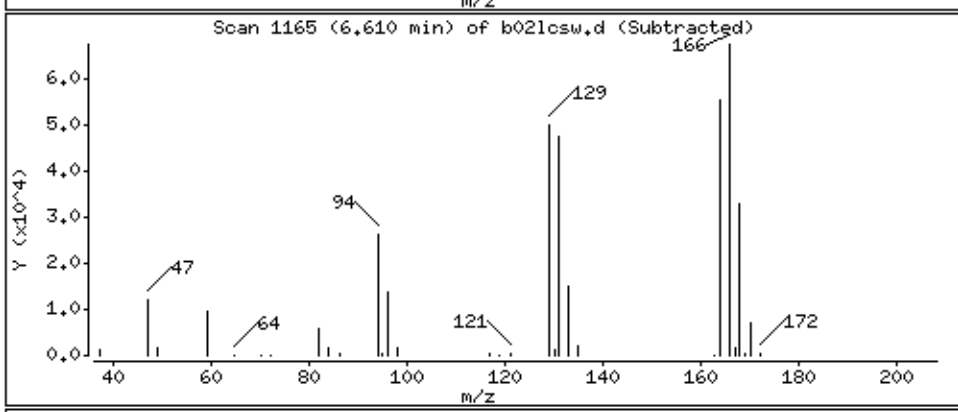
Column diameter: 0.18

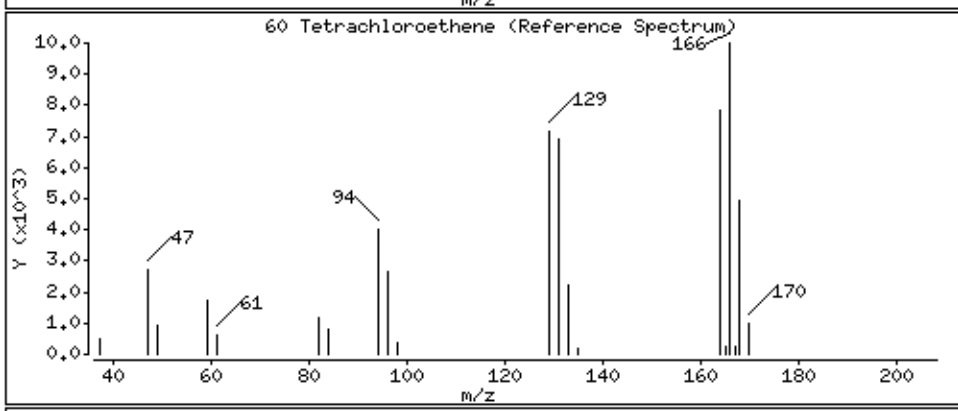
60 Tetrachloroethene

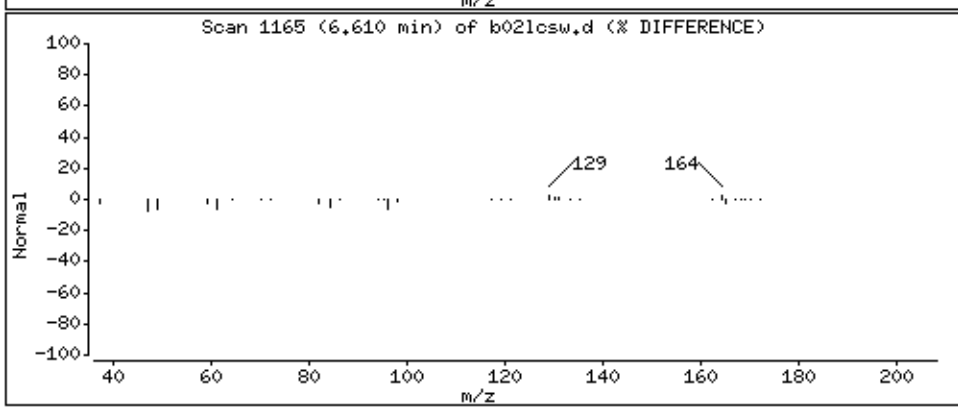
Concentration: 47.0 ppb

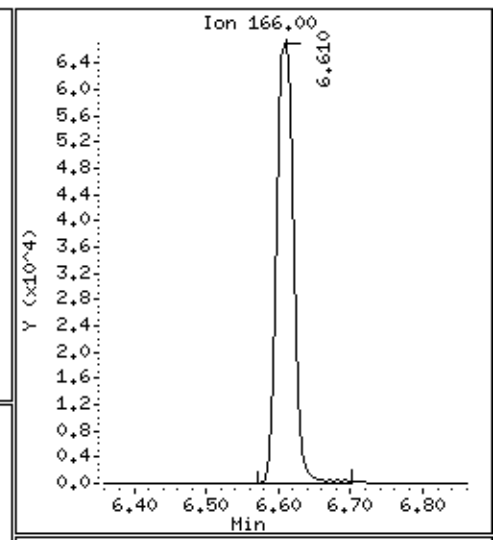
Review Code:

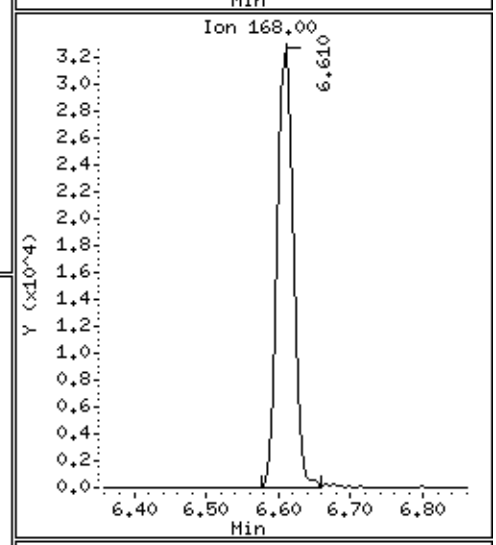


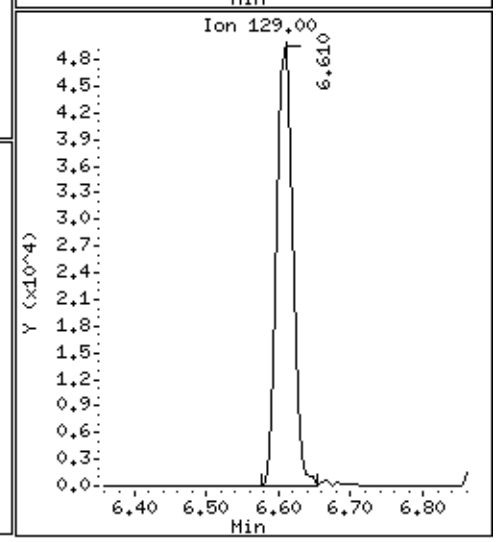












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

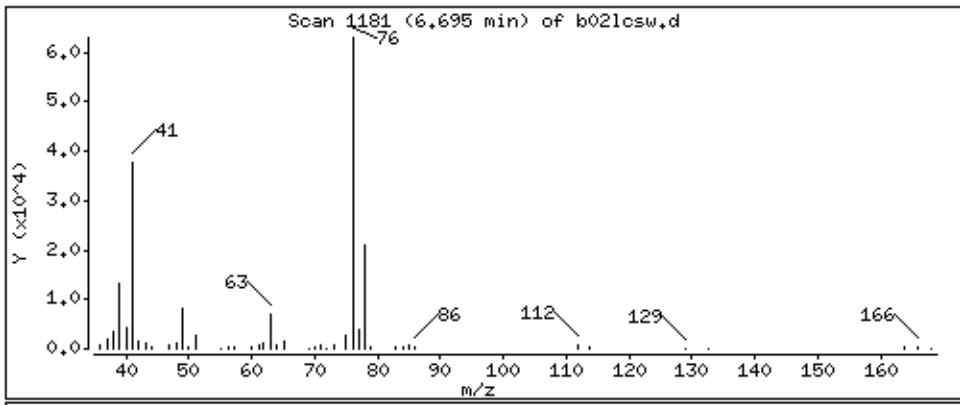
Column phase: DB-624

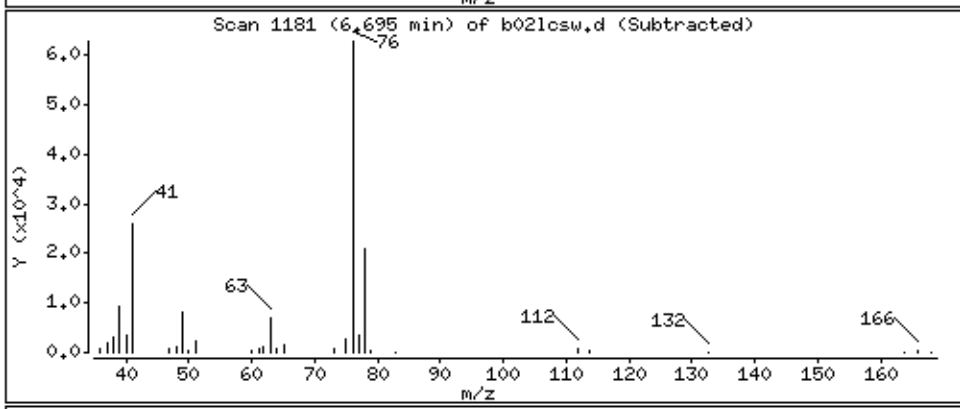
Column diameter: 0.18

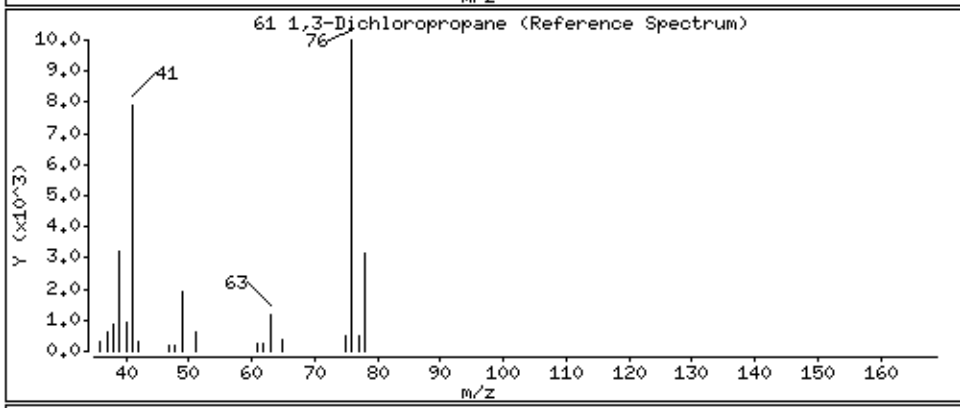
61 1,3-Dichloropropane

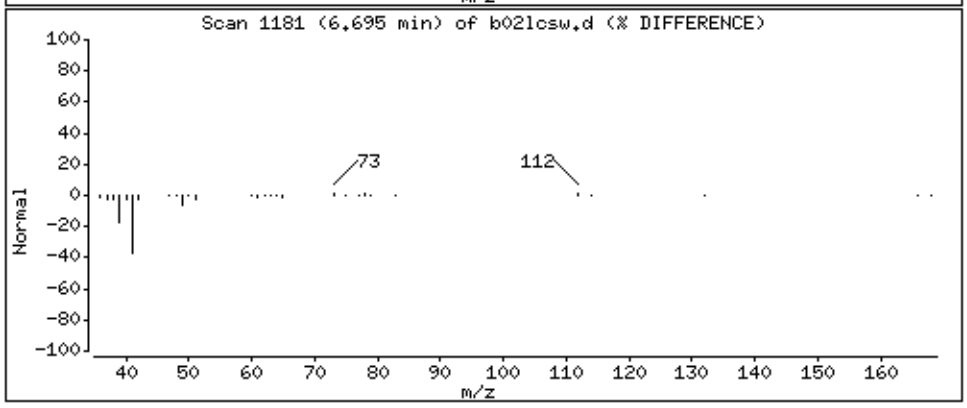
Concentration: 47.0 ppb

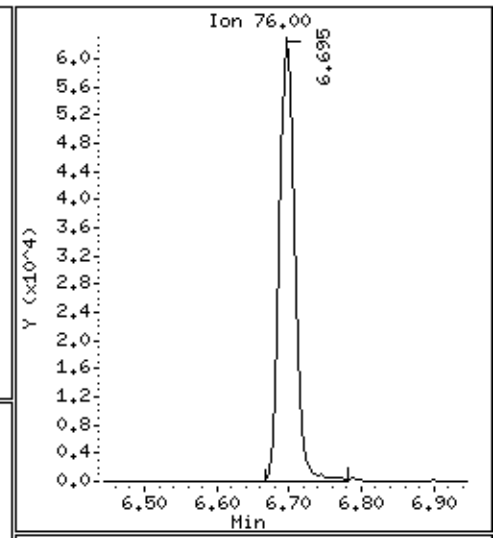
Review Code:

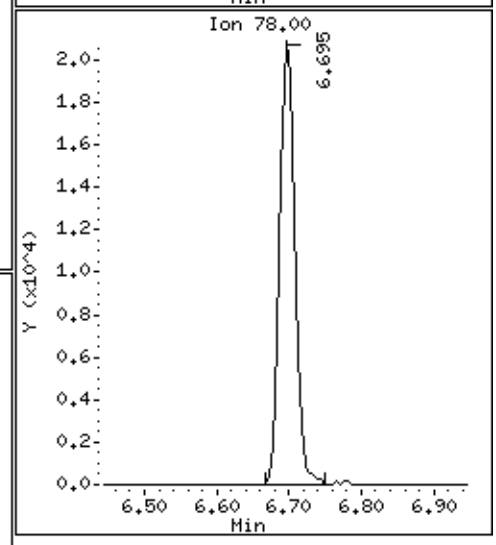












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

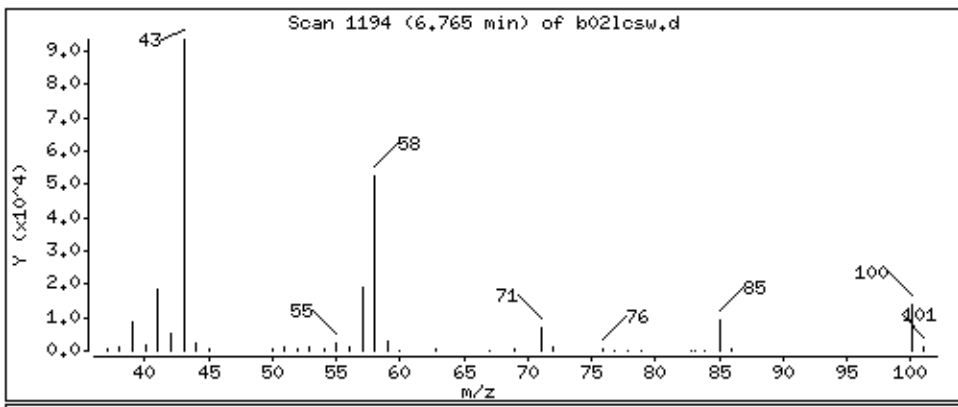
Column phase: DB-624

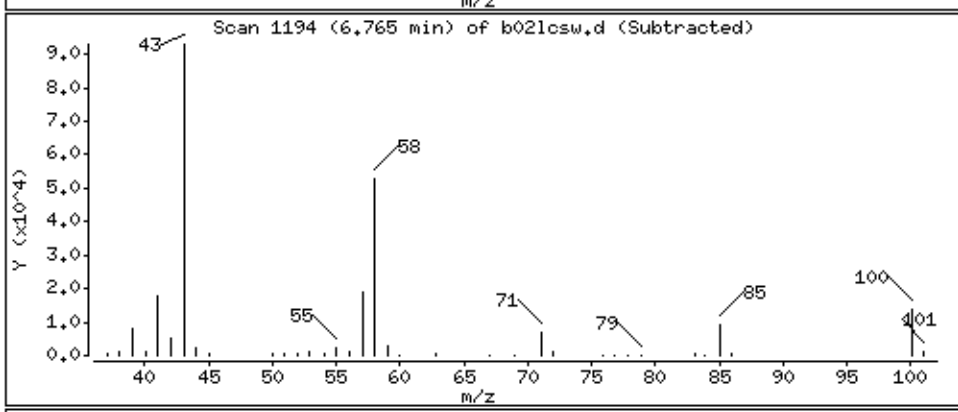
Column diameter: 0.18

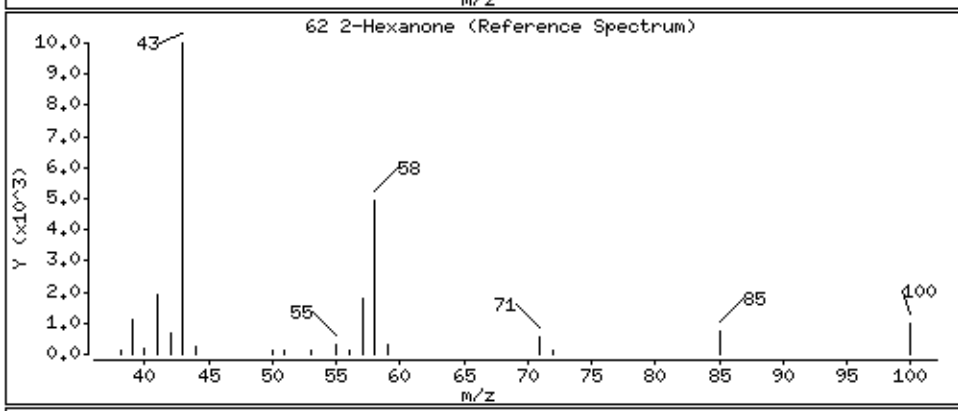
62 2-Hexanone

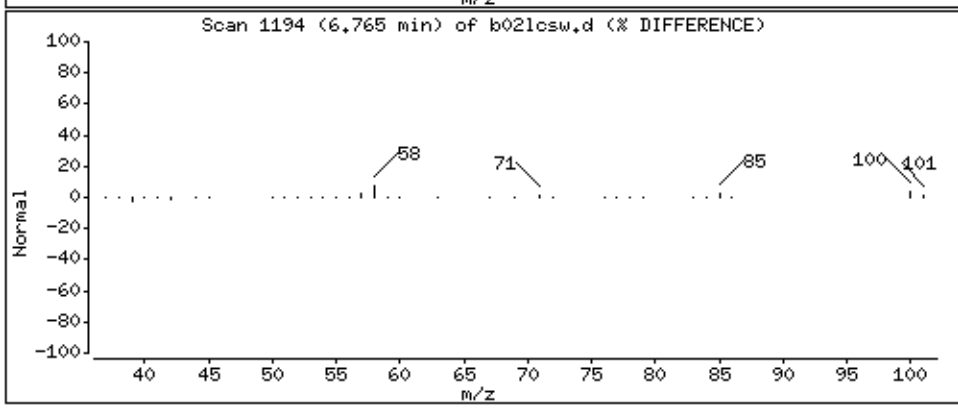
Concentration: 218 ppb

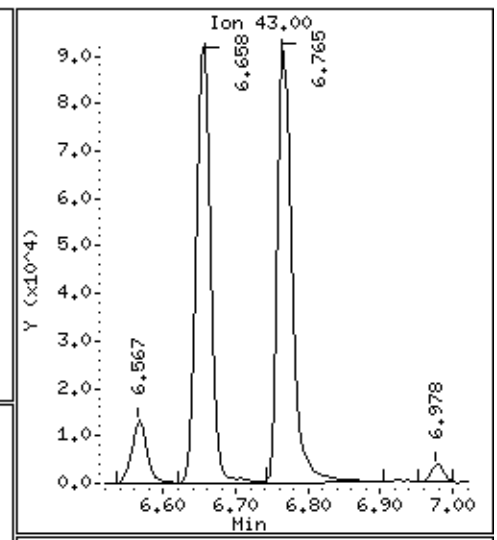
Review Code:

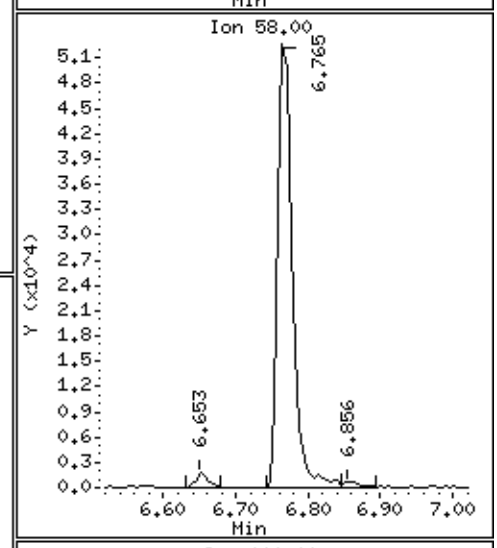


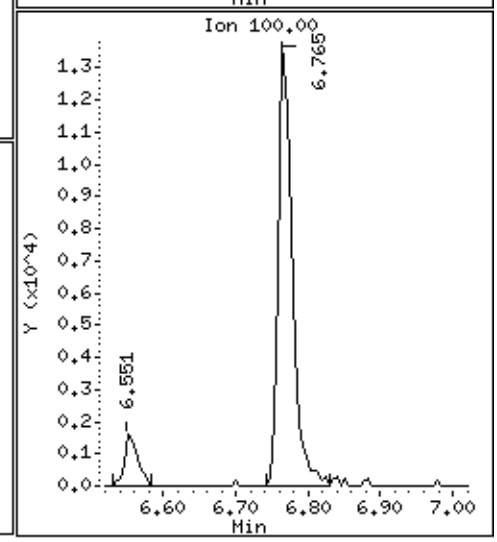












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Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

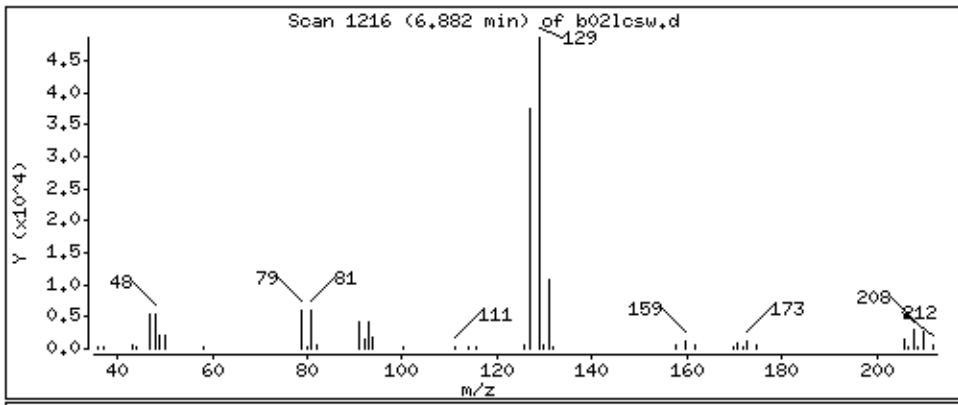
Column phase: DB-624

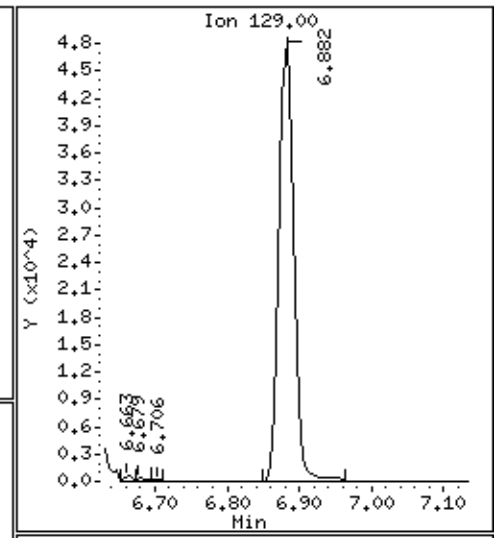
Column diameter: 0.18

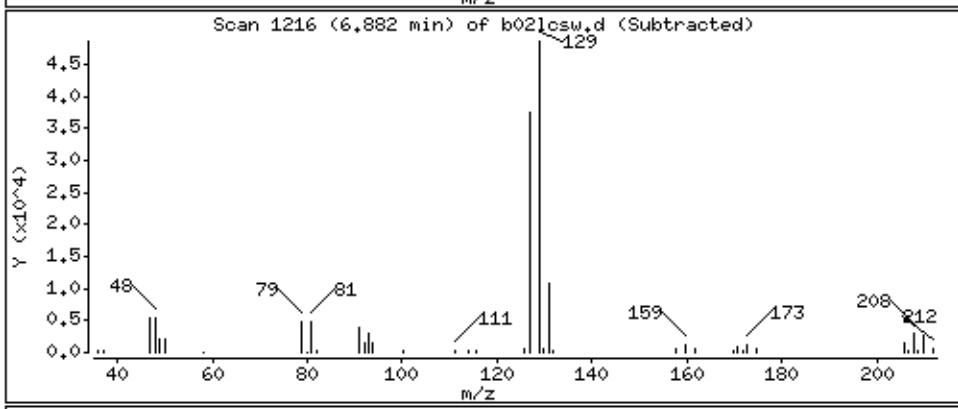
63 Dibromochloromethane

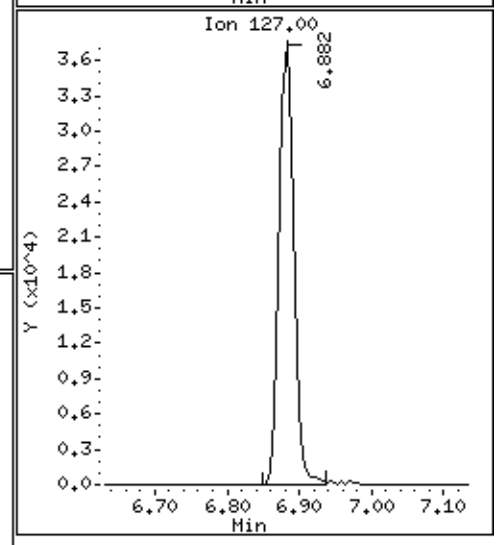
Concentration: 47.2 ppb

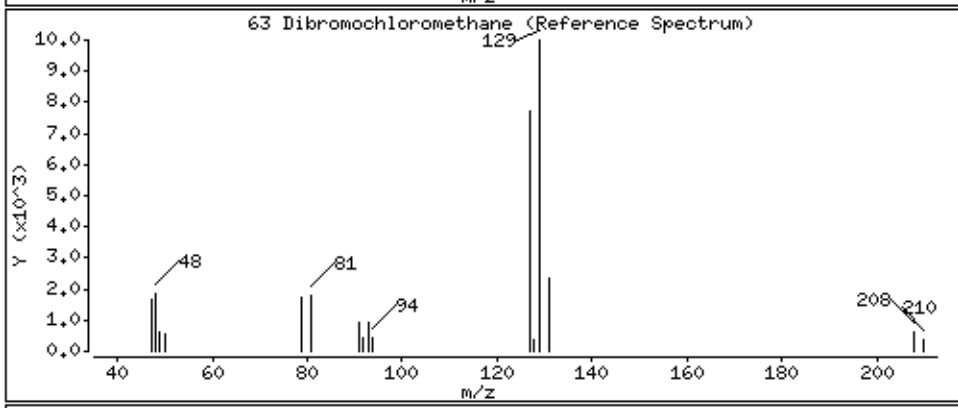
Review Code:

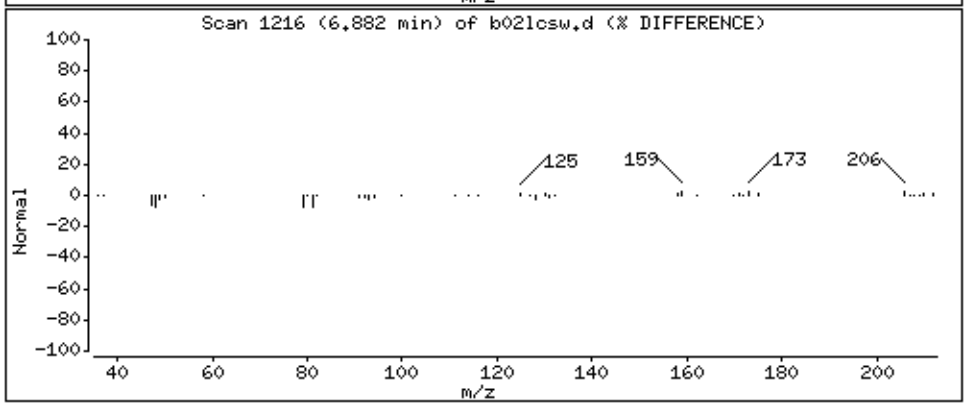












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

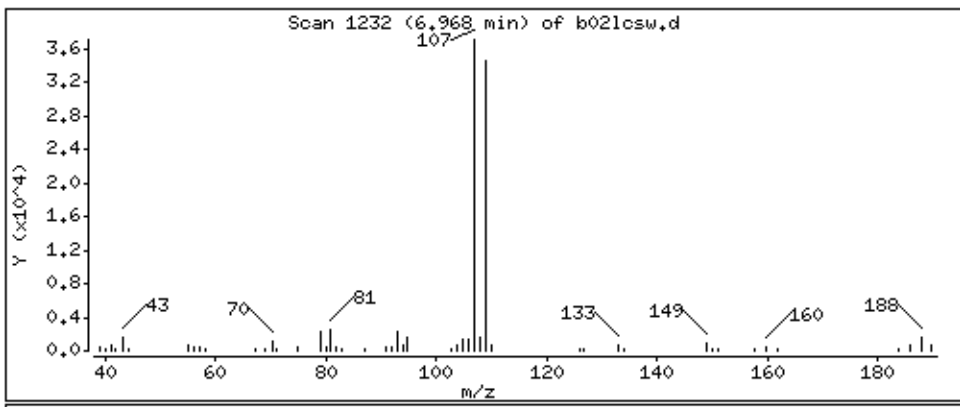
Column phase: DB-624

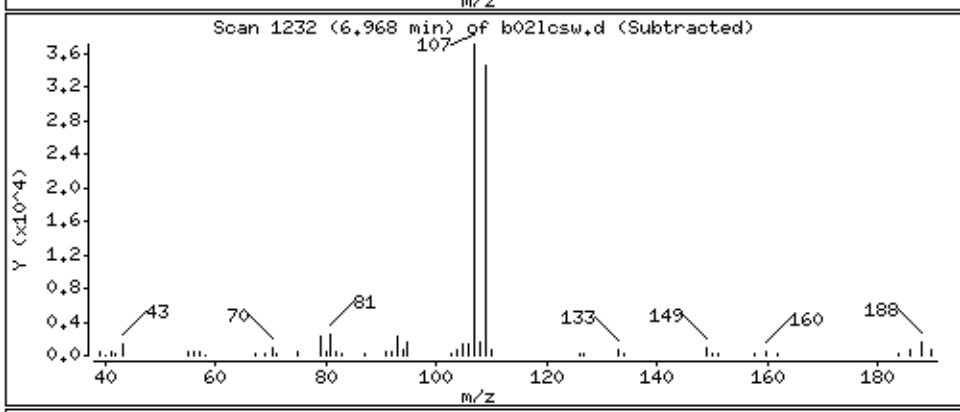
Column diameter: 0.18

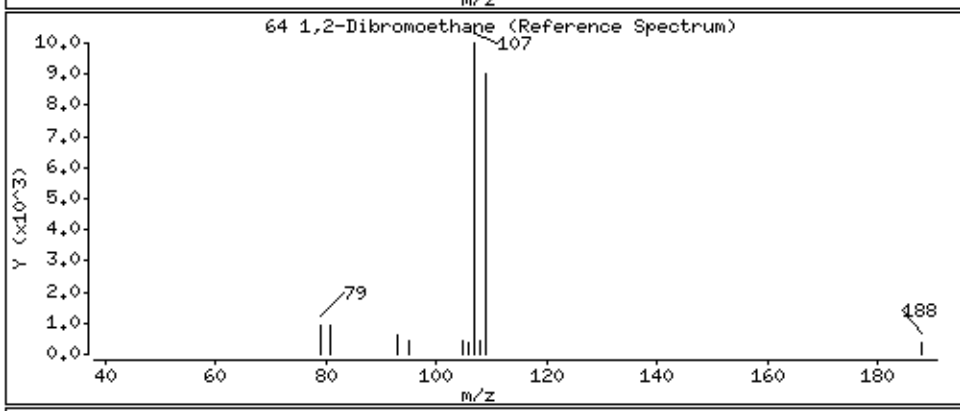
64 1,2-Dibromoethane

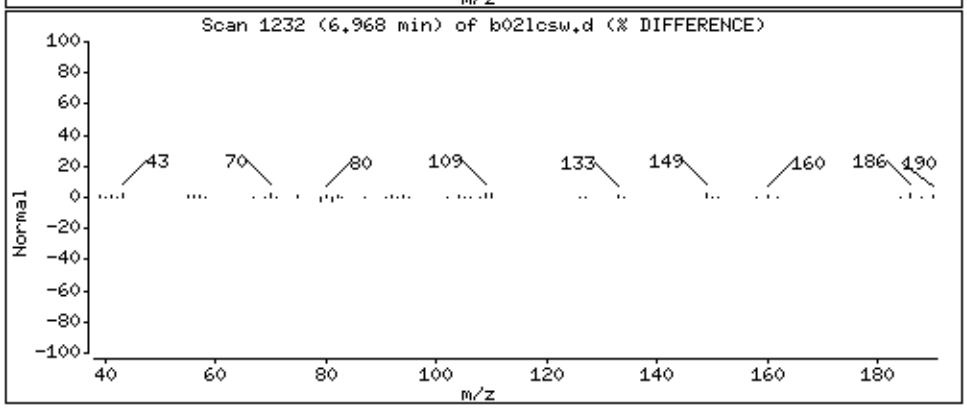
Concentration: 45.8 ppb

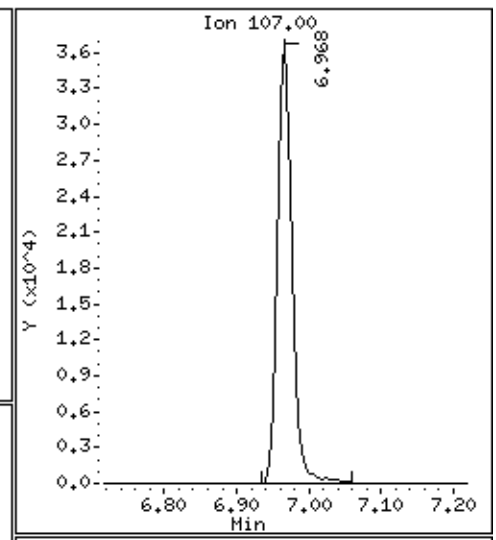
Review Code:

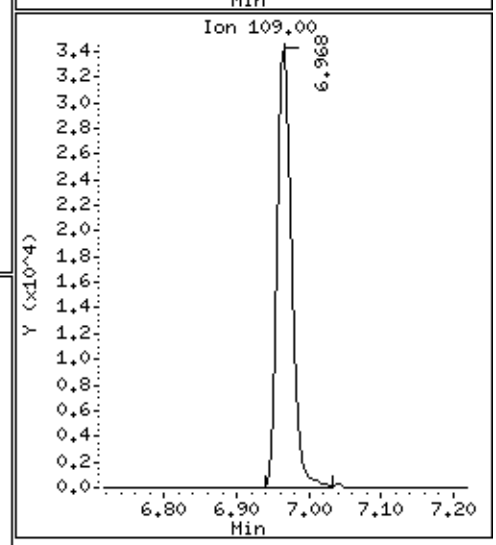












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

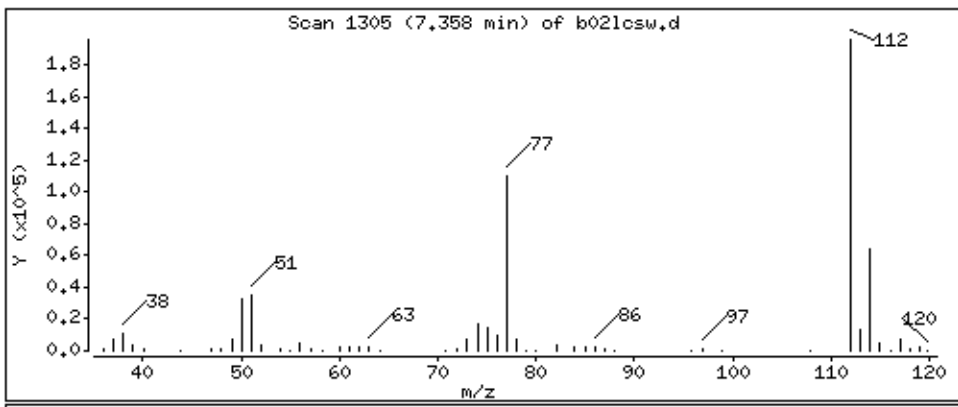
Column phase: DB-624

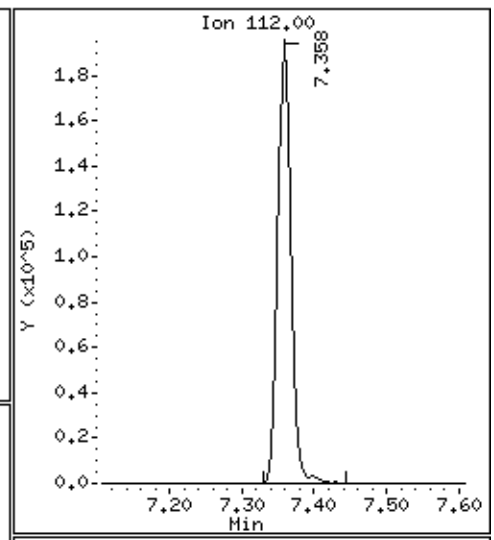
Column diameter: 0.18

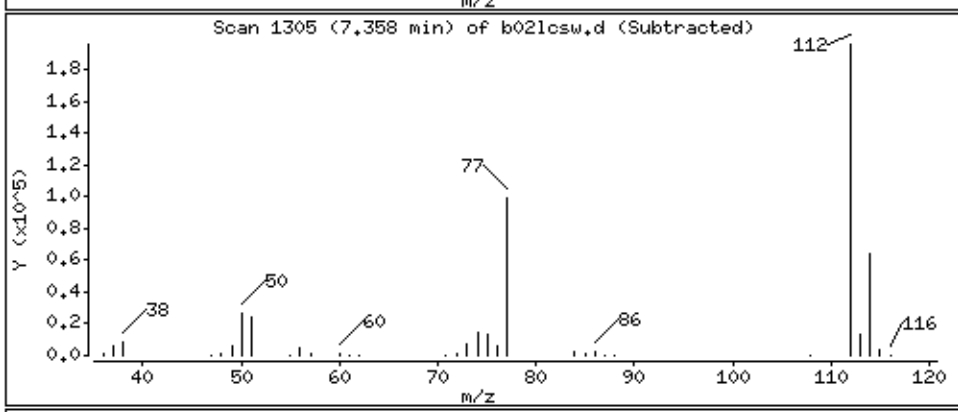
66 Chlorobenzene

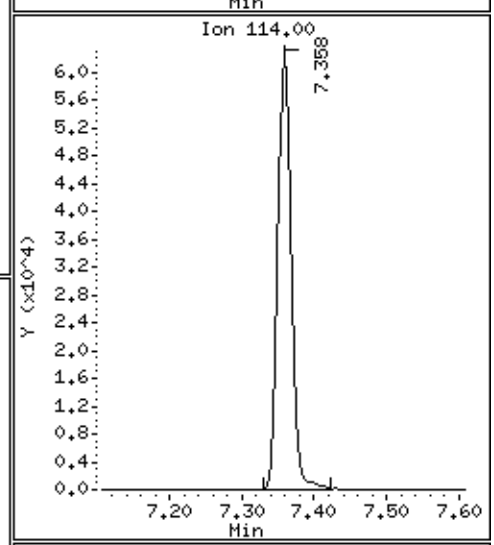
Concentration: 46.1 ppb

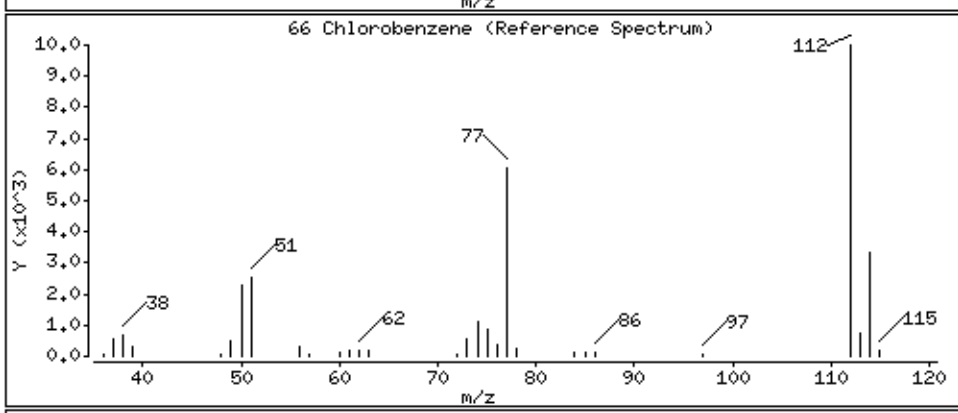
Review Code:

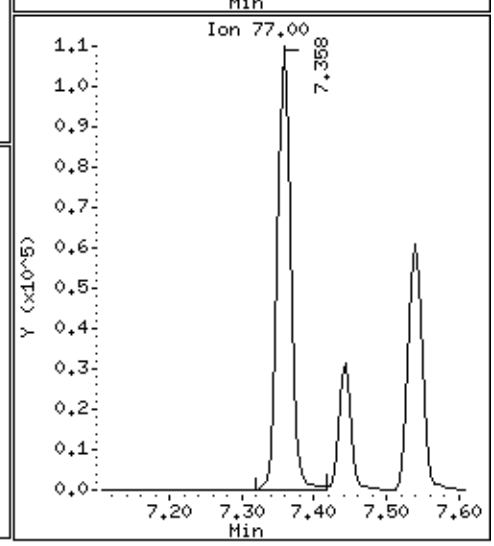


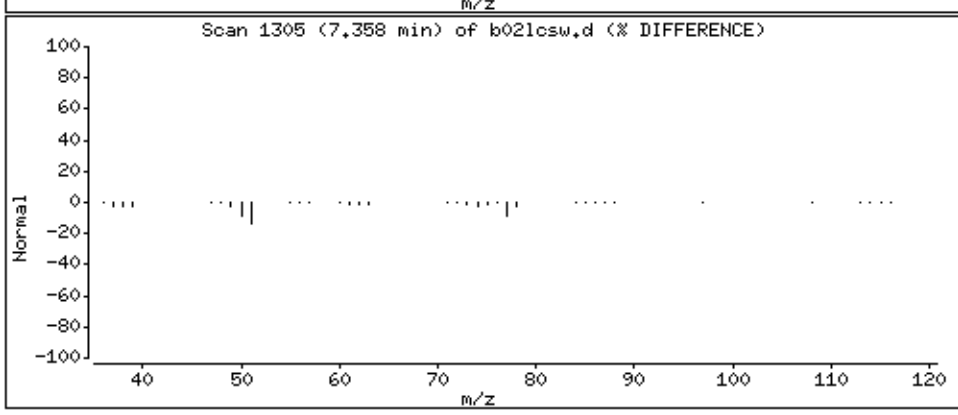












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

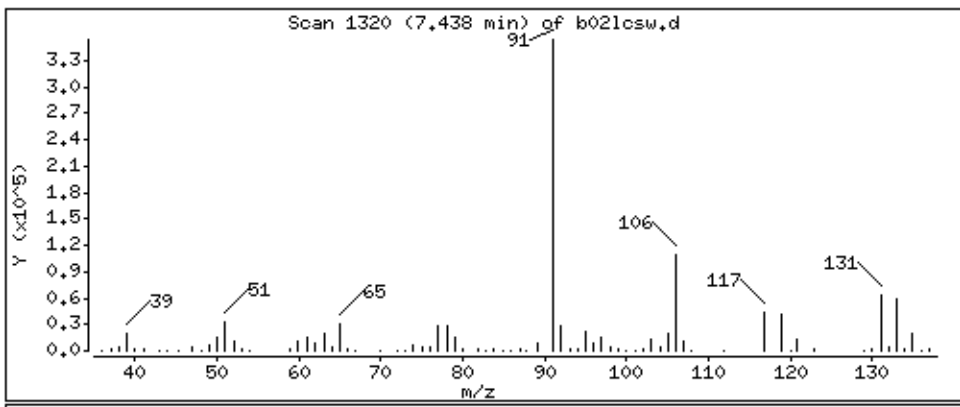
Column phase: DB-624

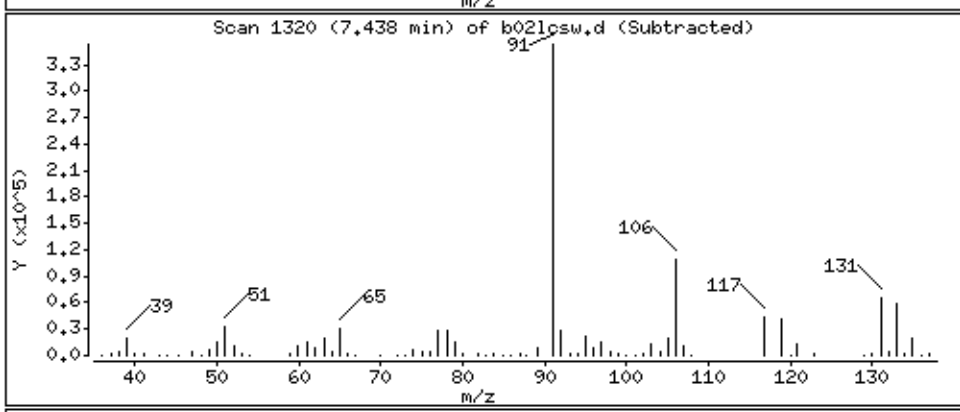
Column diameter: 0.18

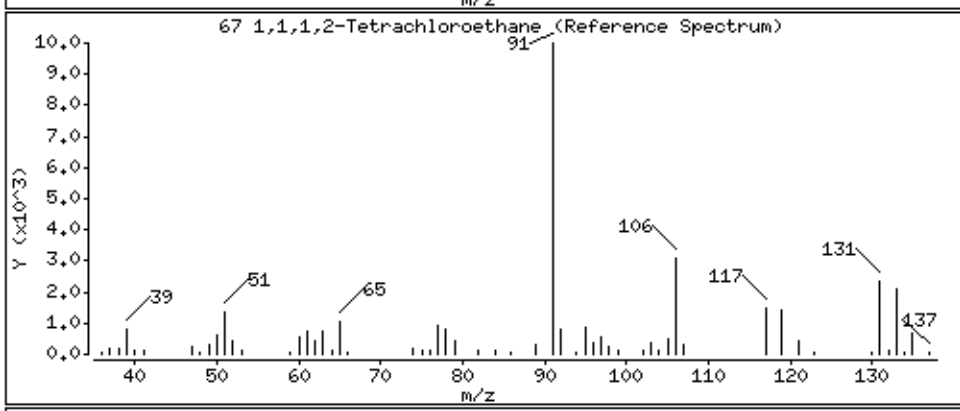
67 1,1,1,2-Tetrachloroethane

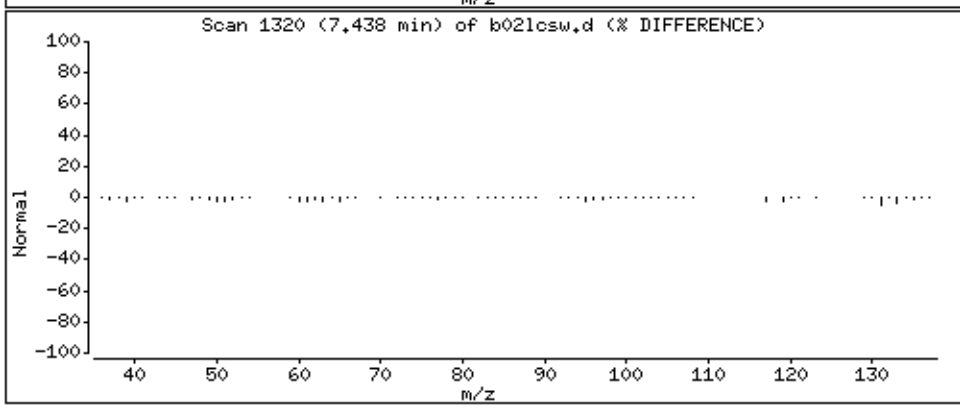
Concentration: 45.6 ppb

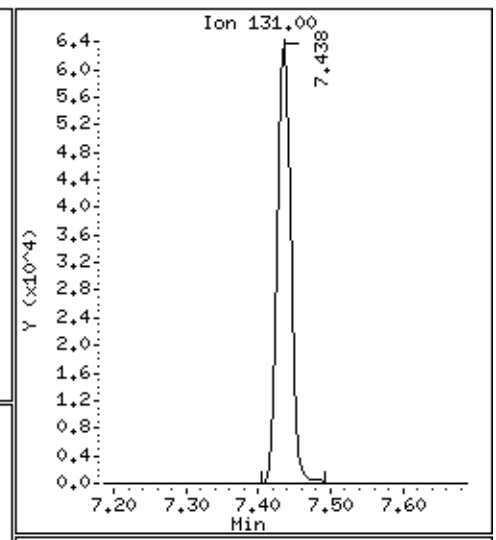
Review Code:

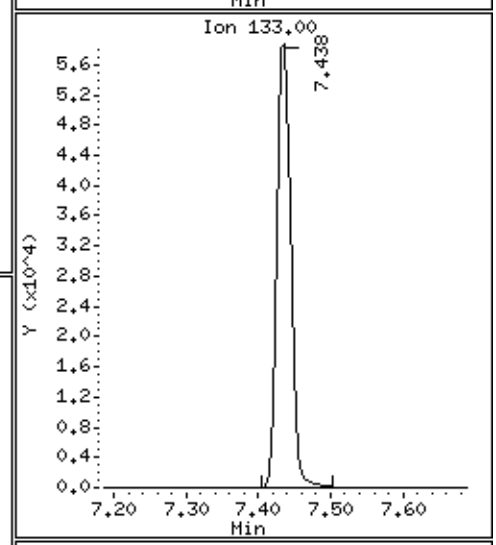


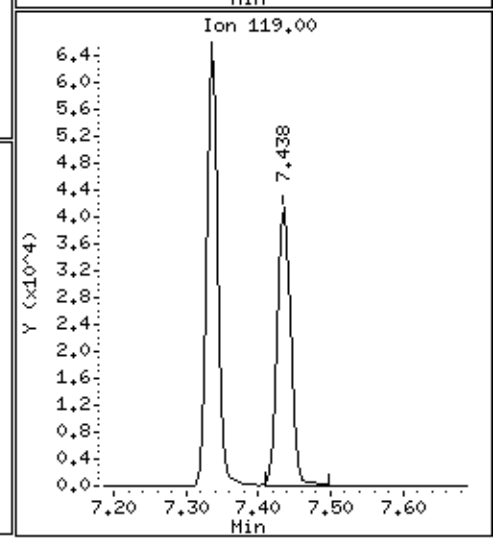












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

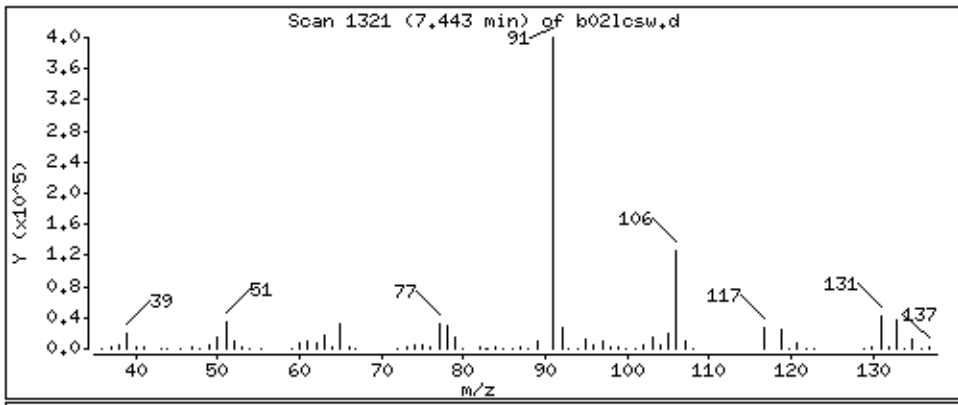
Column phase: DB-624

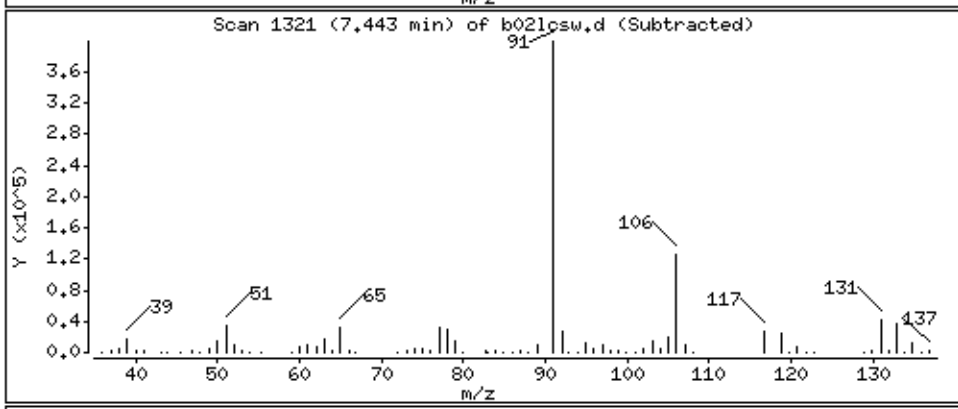
Column diameter: 0.18

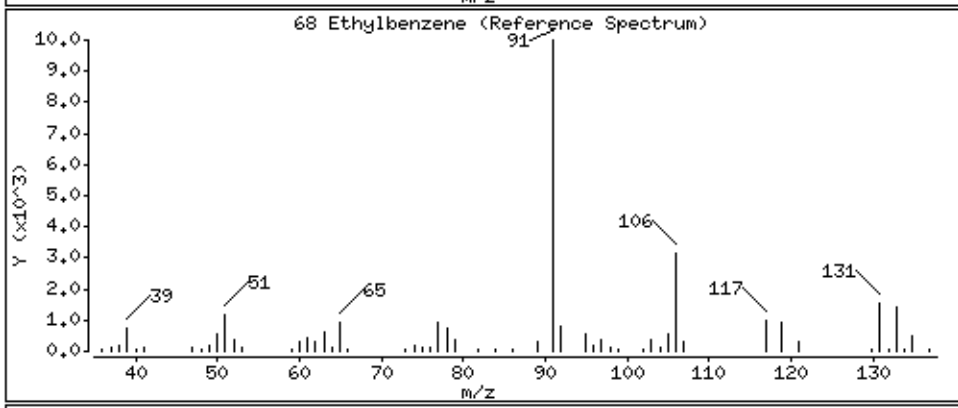
68 Ethylbenzene

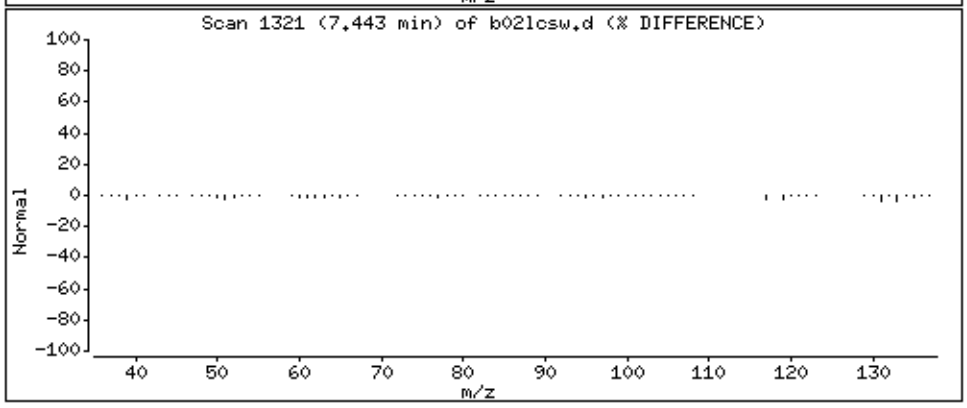
Concentration: 42.4 ppb

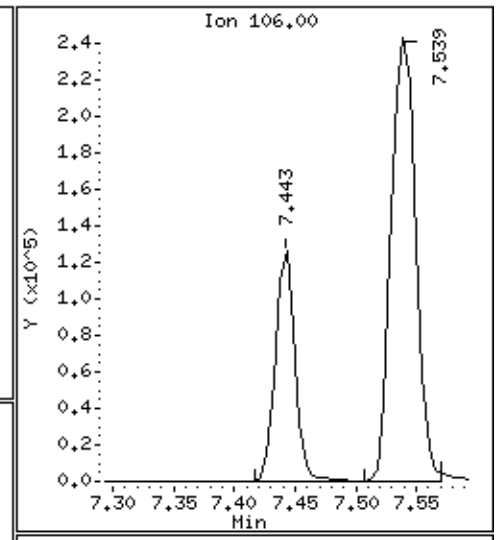
Review Code:

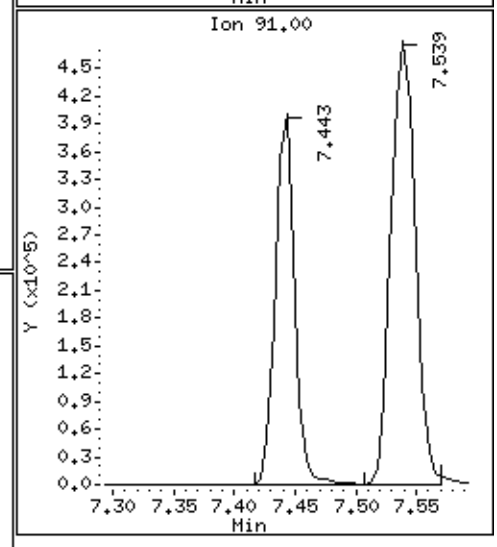












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Page 69

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

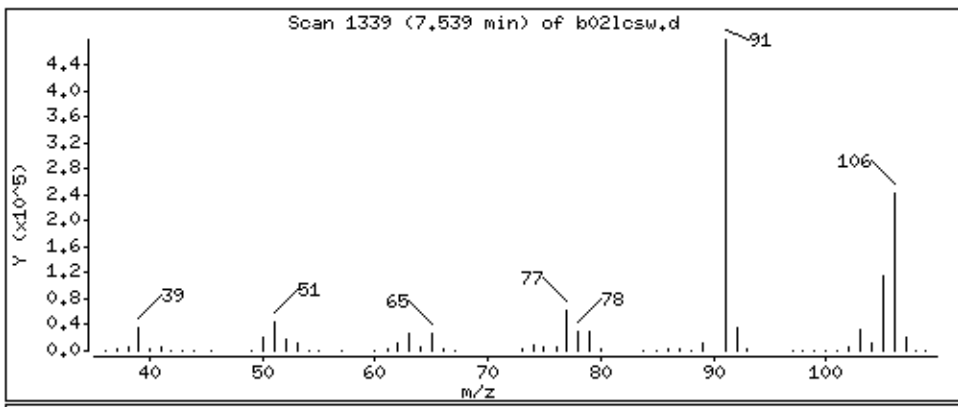
Column phase: DB-624

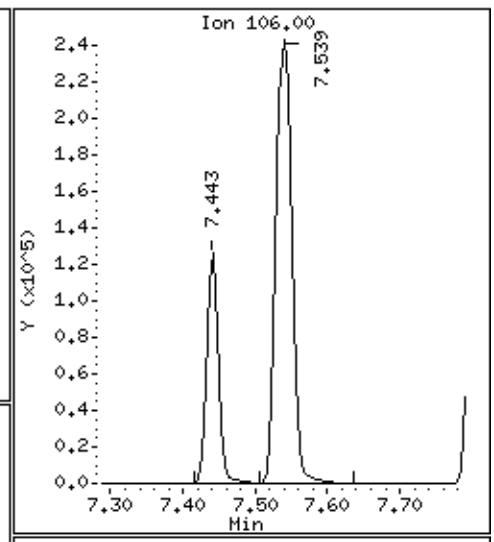
Column diameter: 0.18

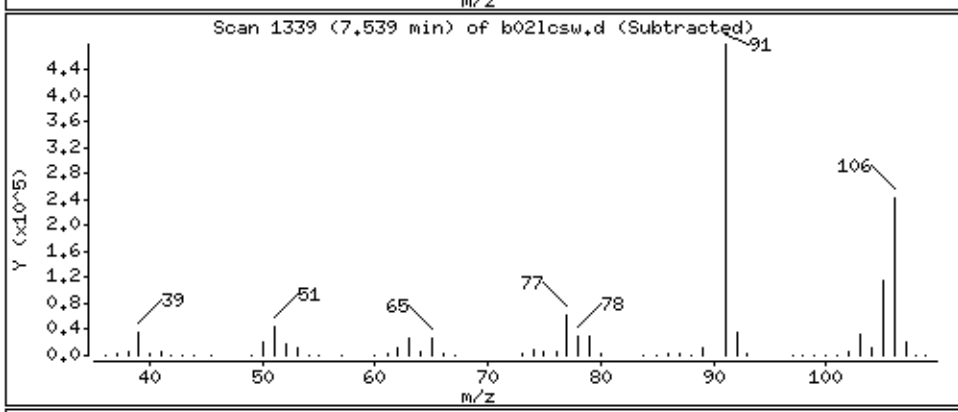
69 m&p-Xylene

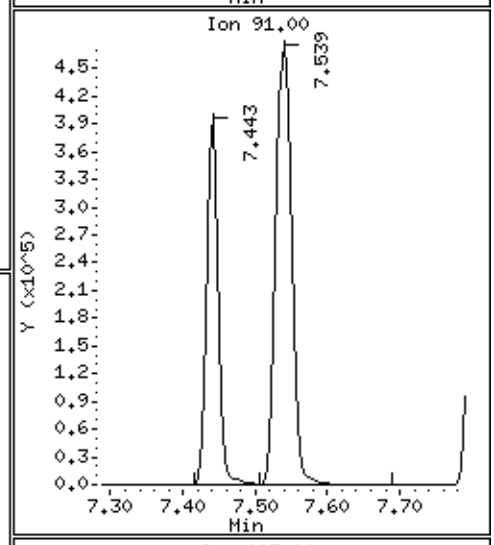
Concentration: 85.5 ppb

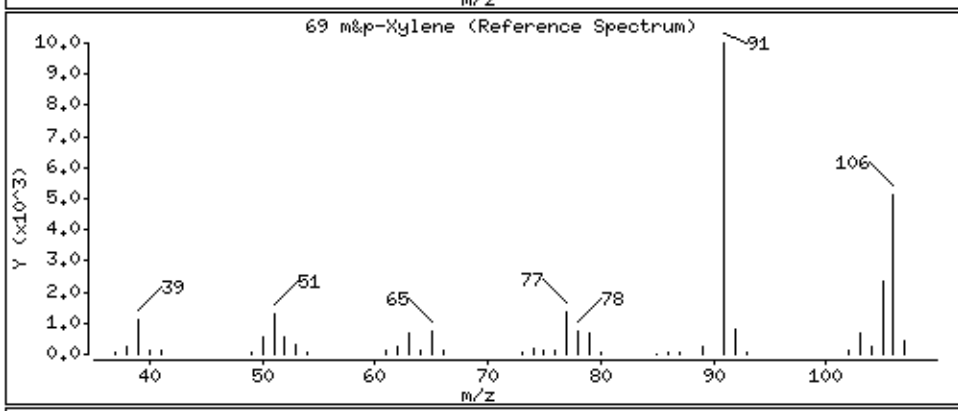
Review Code:

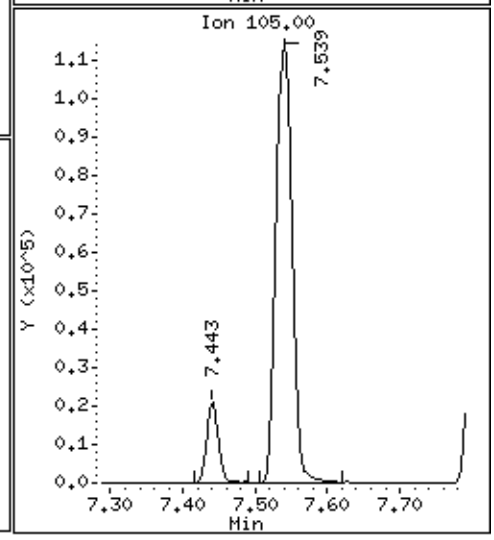


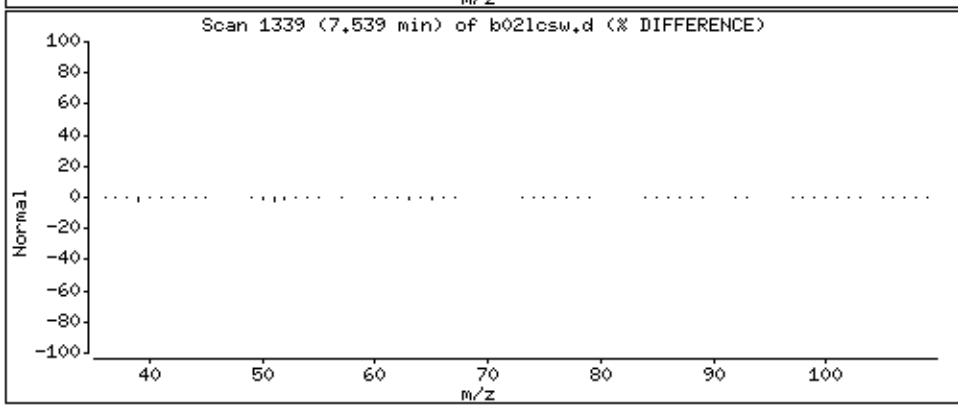












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

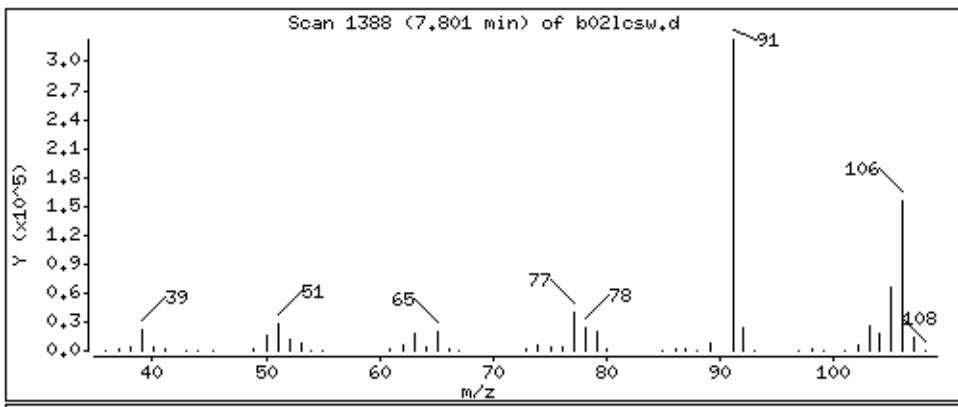
Column phase: DB-624

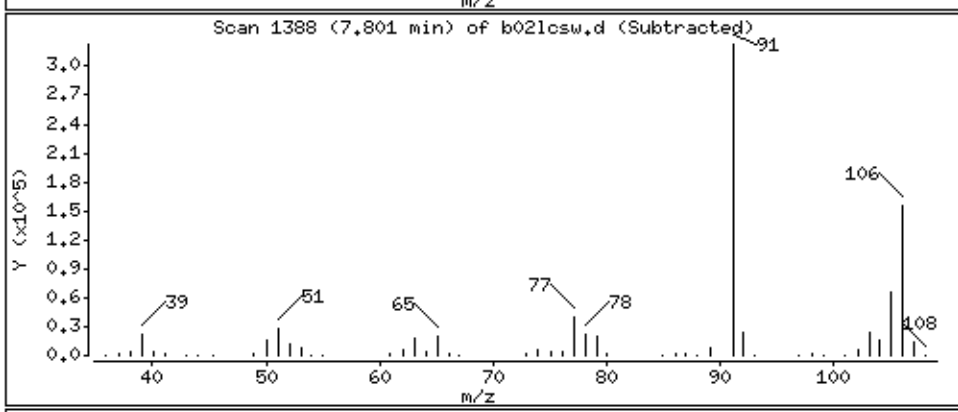
Column diameter: 0.18

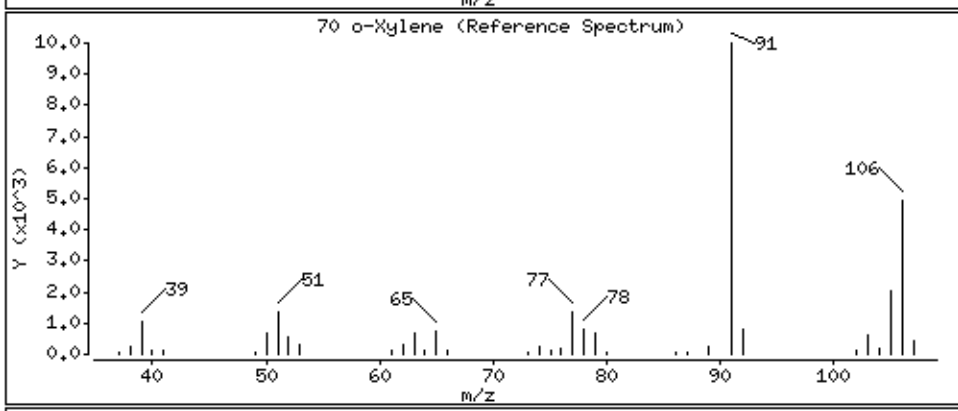
70 o-Xylene

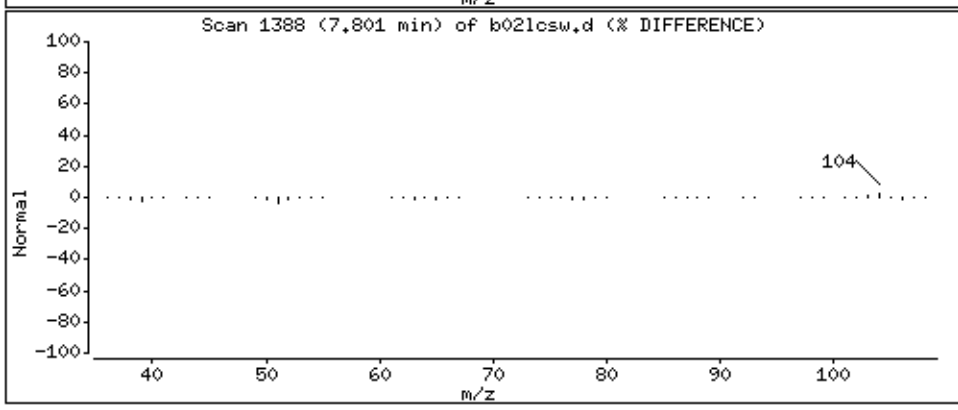
Concentration: 43.5 ppb

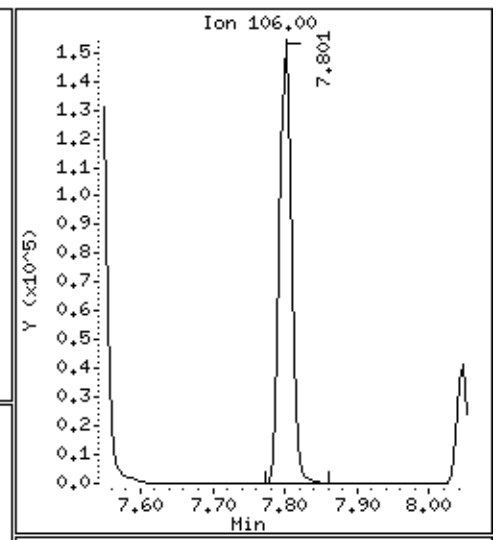
Review Code:

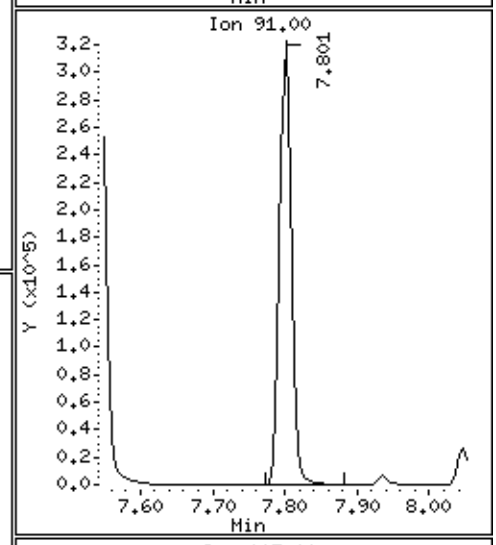


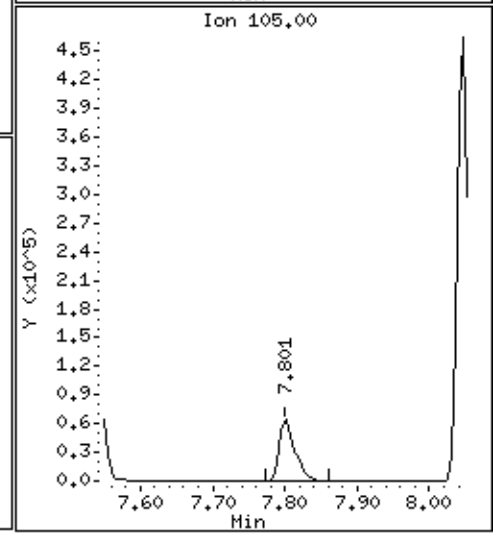












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

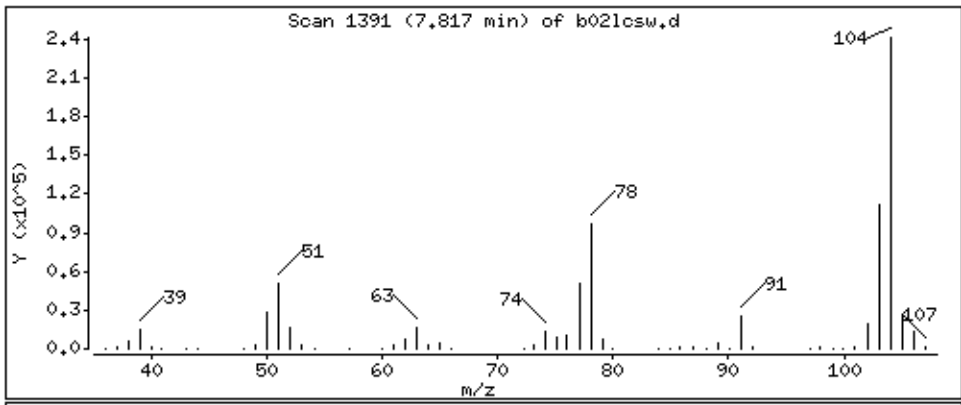
Column phase: DB-624

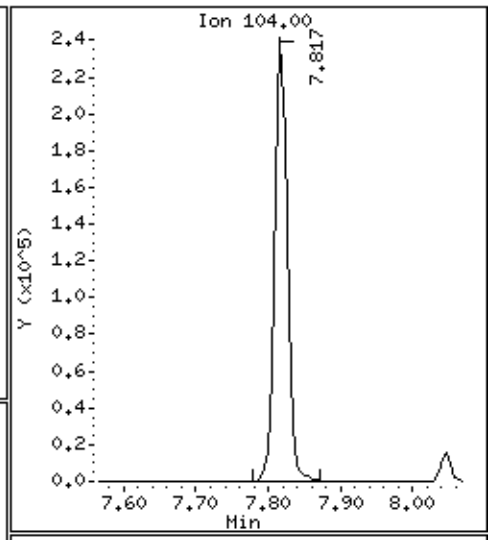
Column diameter: 0.18

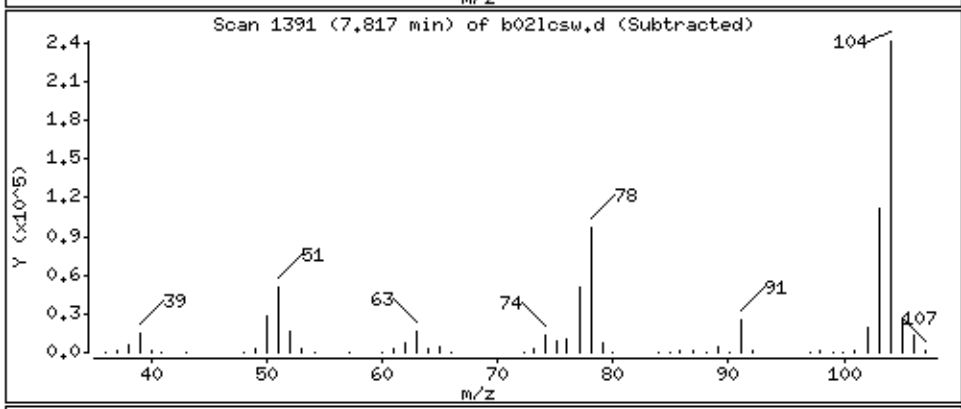
71 Styrene

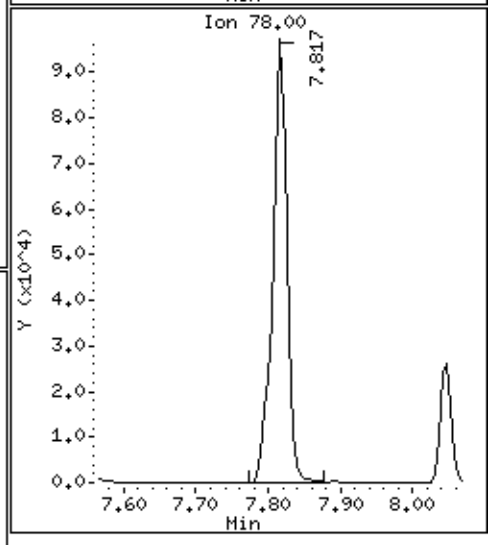
Concentration: 42.0 ppb

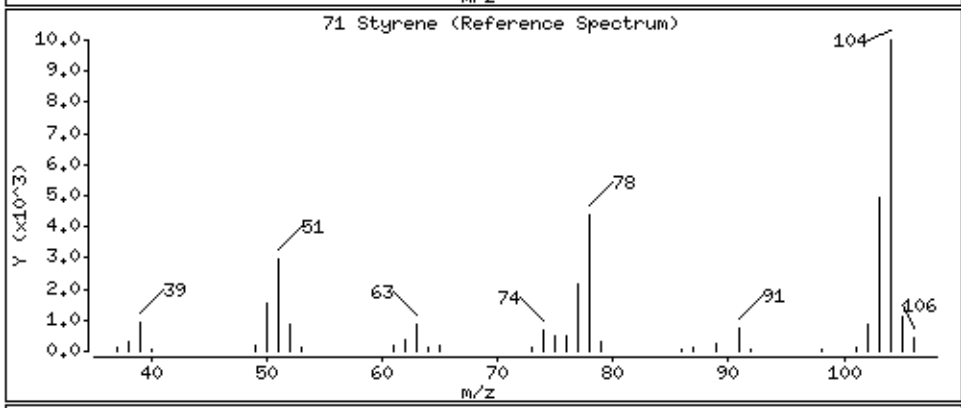
Review Code:

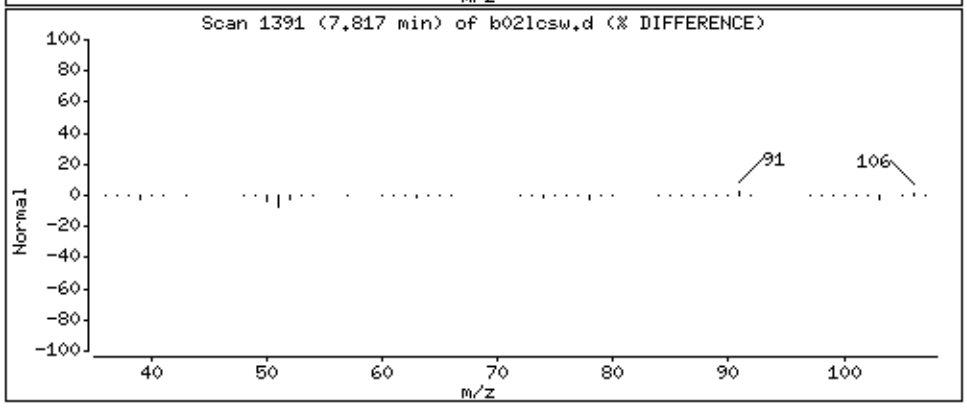












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

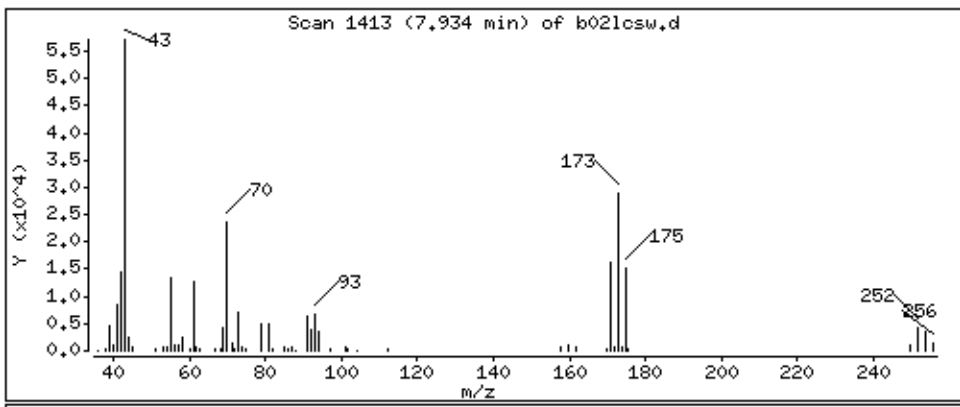
Column phase: DB-624

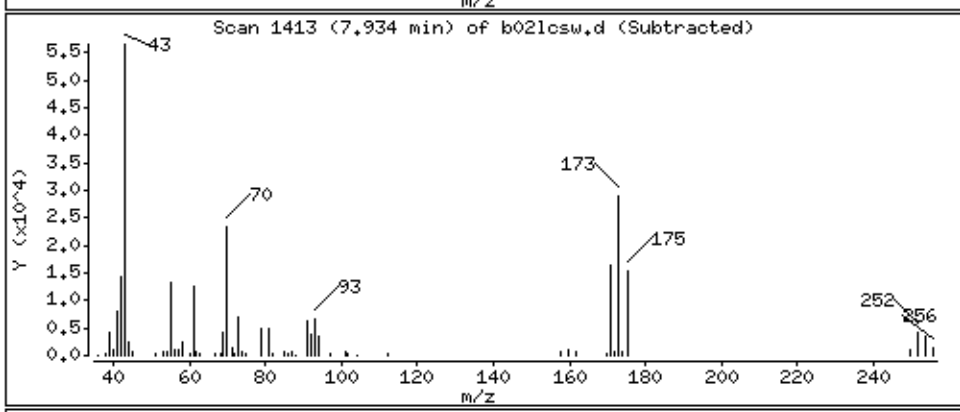
Column diameter: 0.18

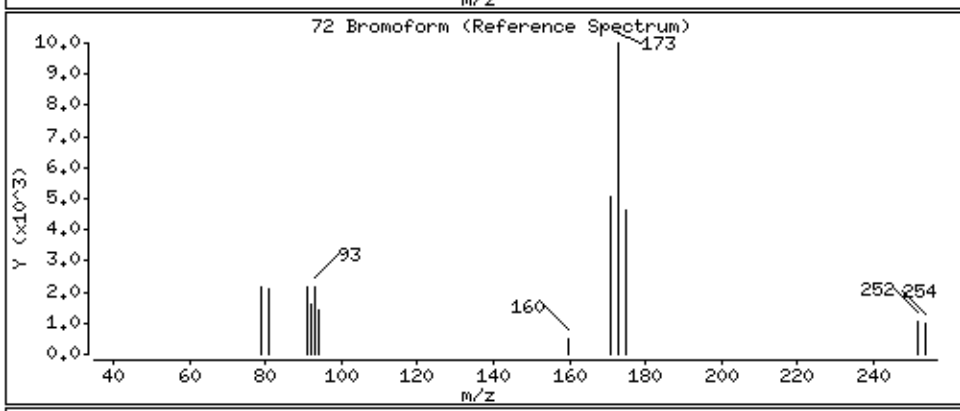
72 Bromoform

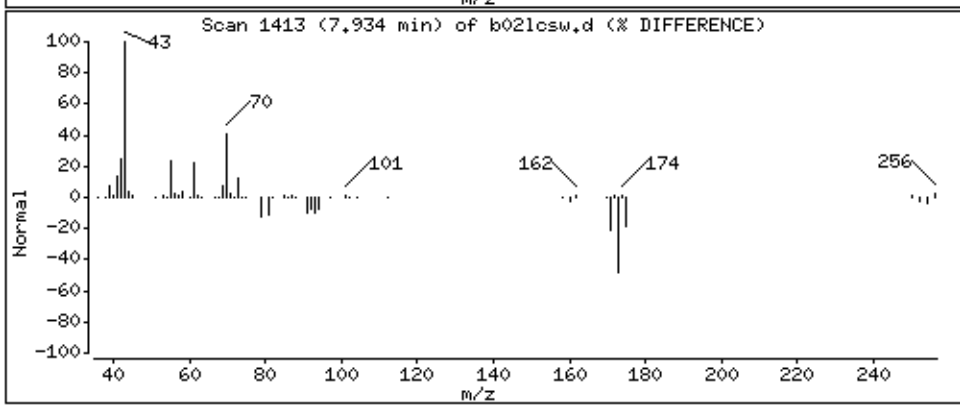
Concentration: 42.4 ppb

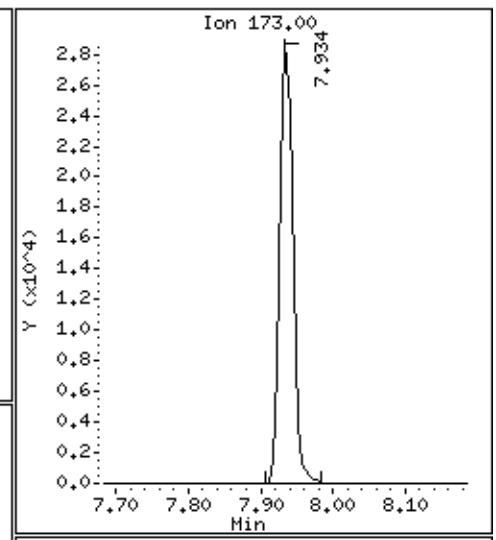
Review Code:

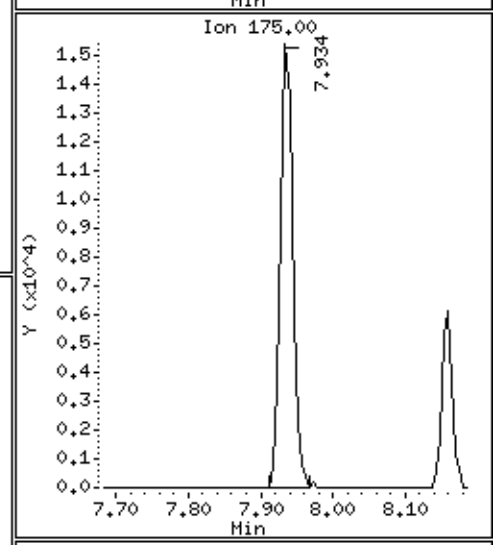


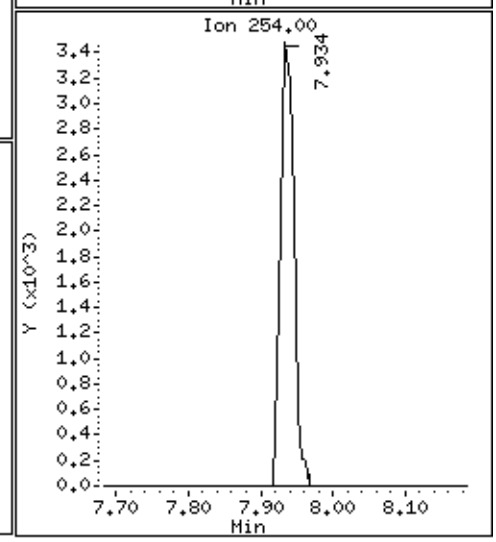












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

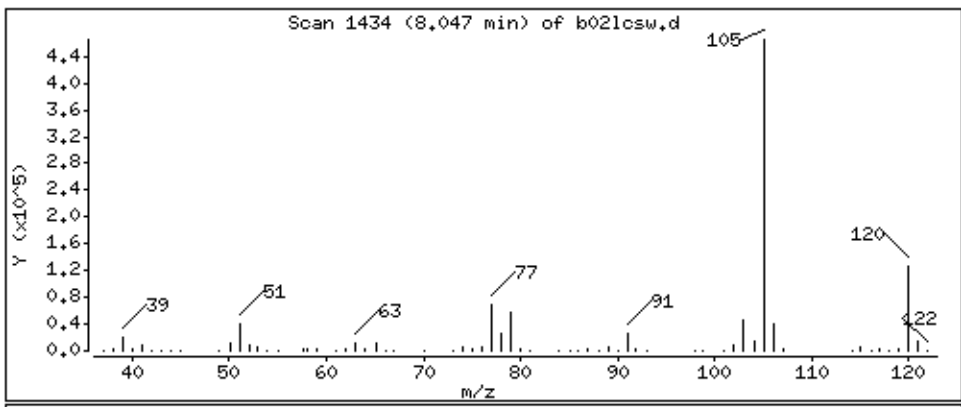
Column phase: DB-624

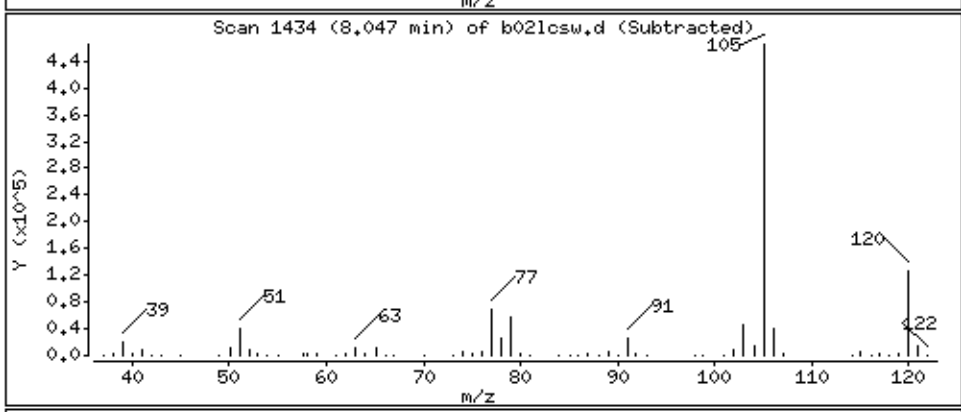
Column diameter: 0.18

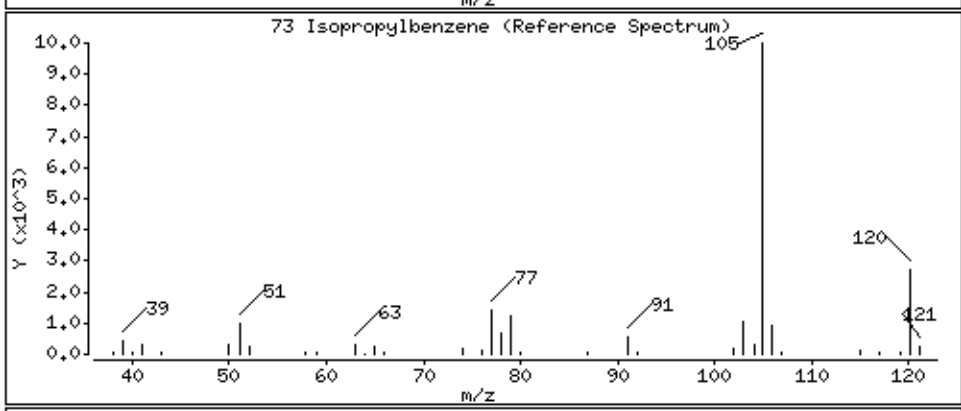
73 Isopropylbenzene

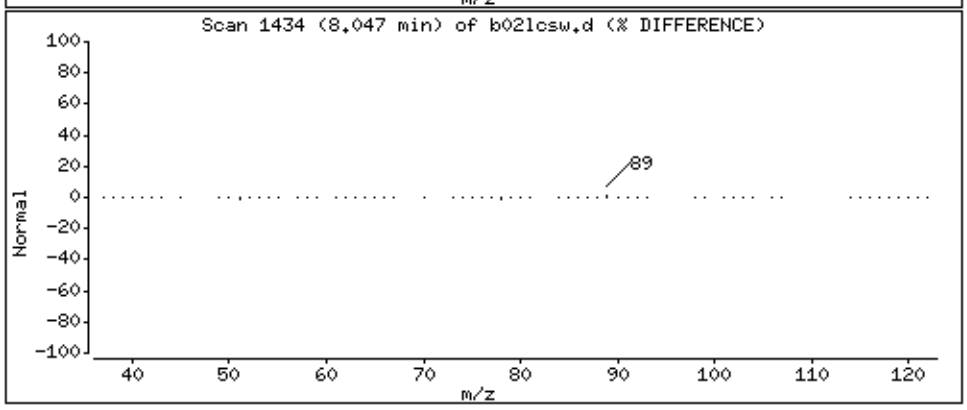
Concentration: 45.1 ppb

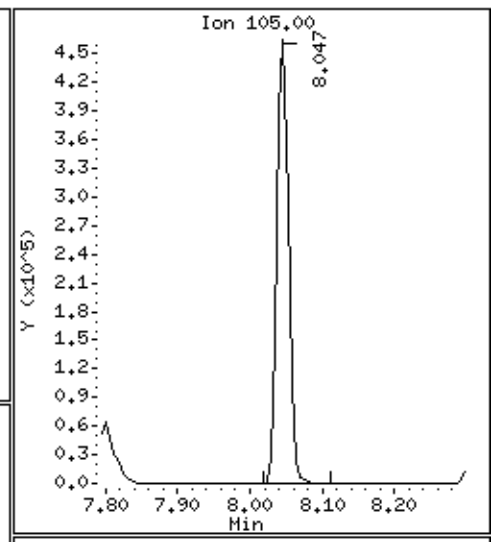
Review Code:

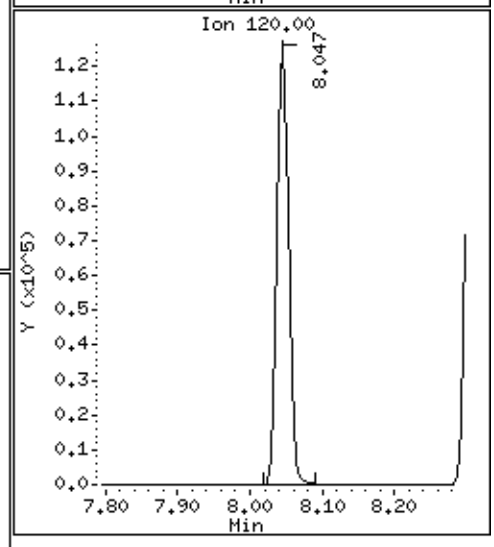












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

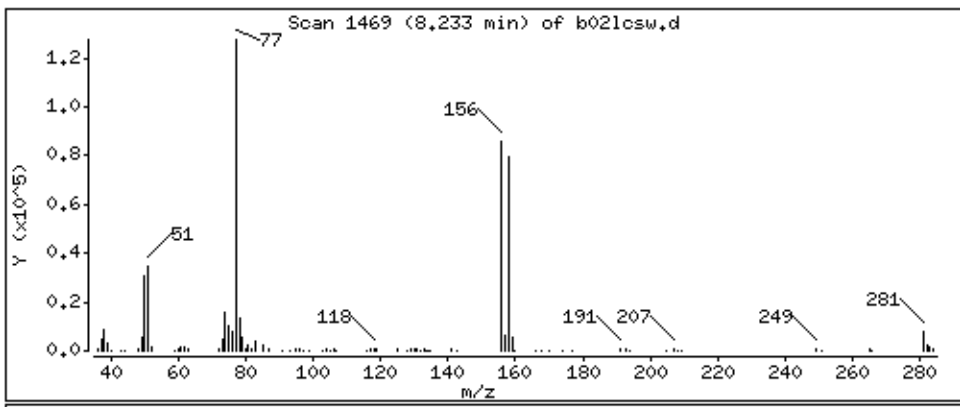
Column phase: DB-624

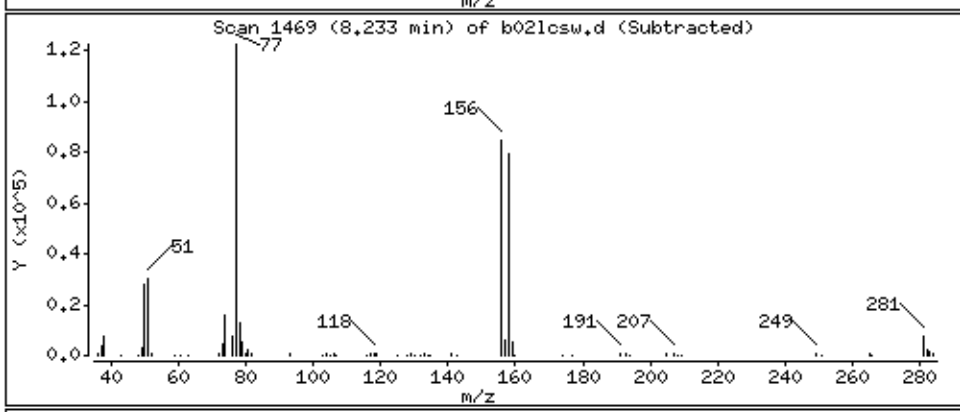
Column diameter: 0.18

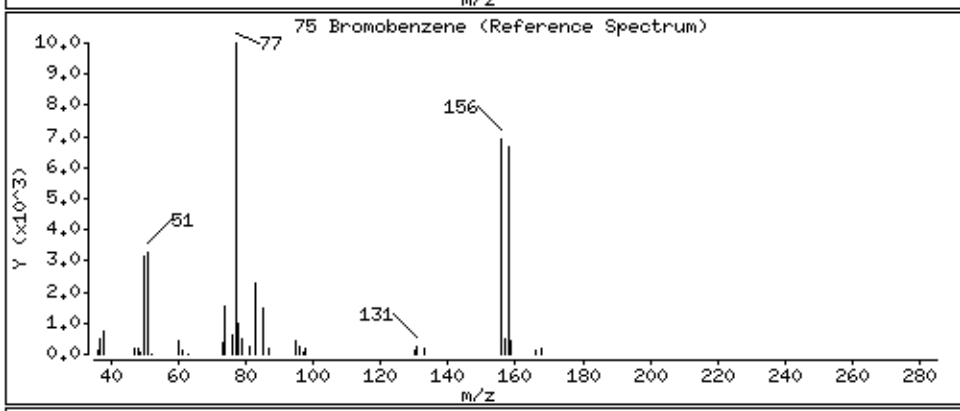
75 Bromobenzene

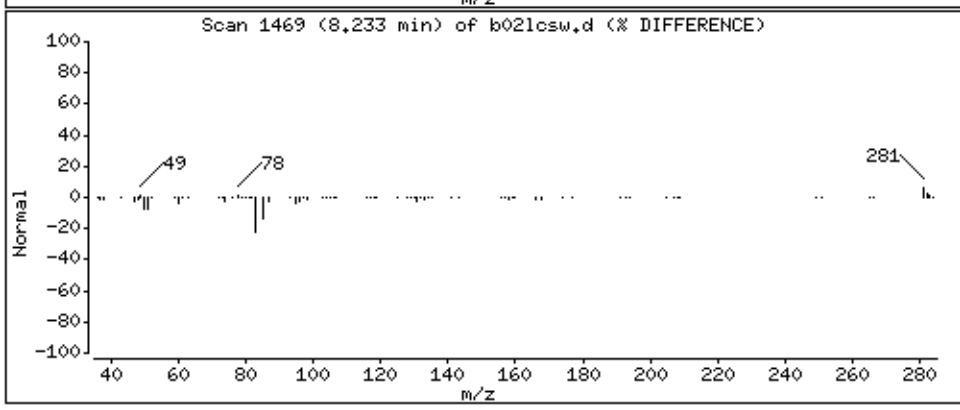
Concentration: 41.4 ppb

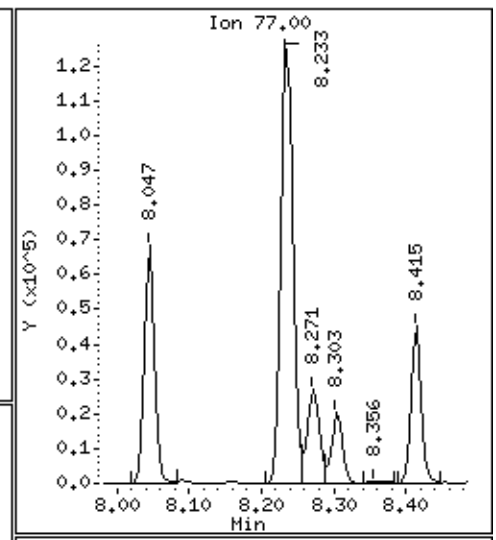
Review Code:

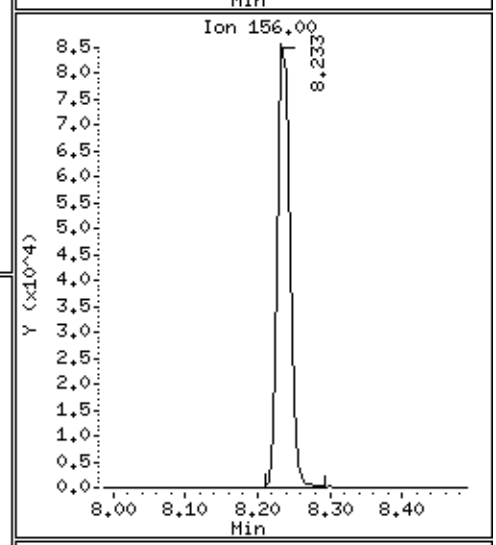


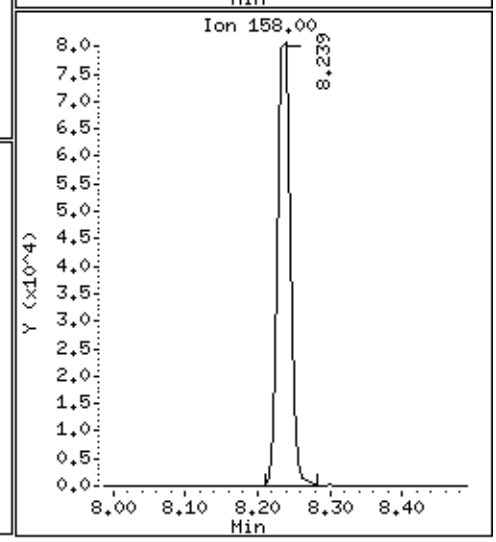












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

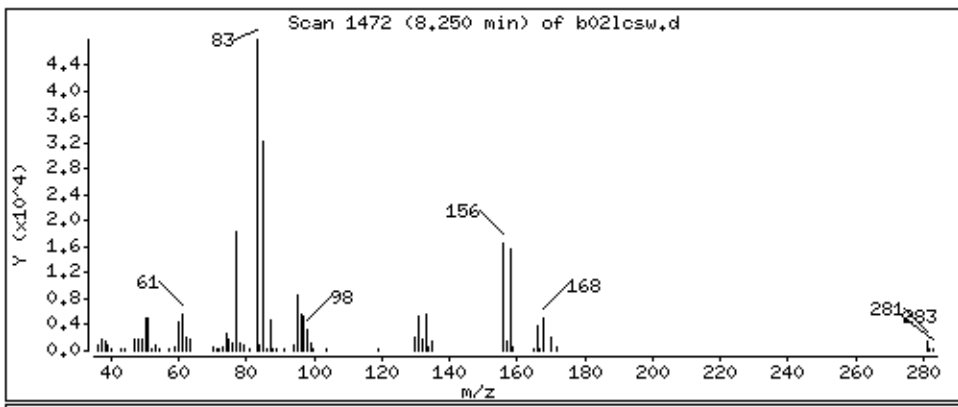
Column phase: DB-624

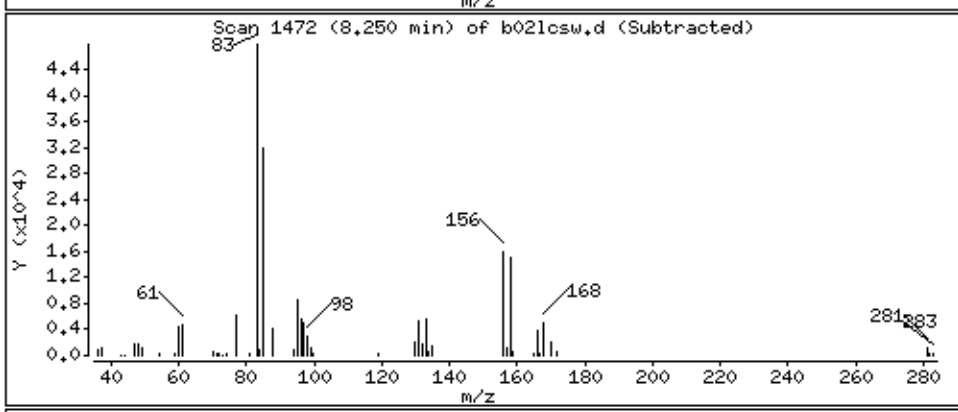
Column diameter: 0.18

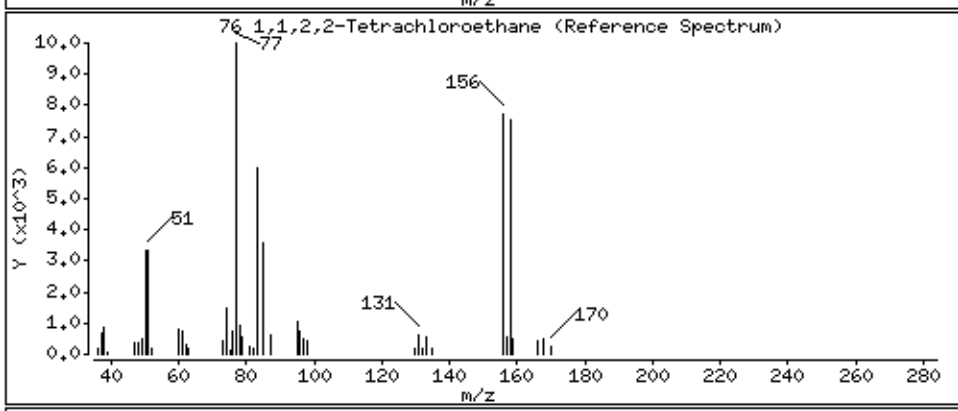
76 1,1,2,2-Tetrachloroethane

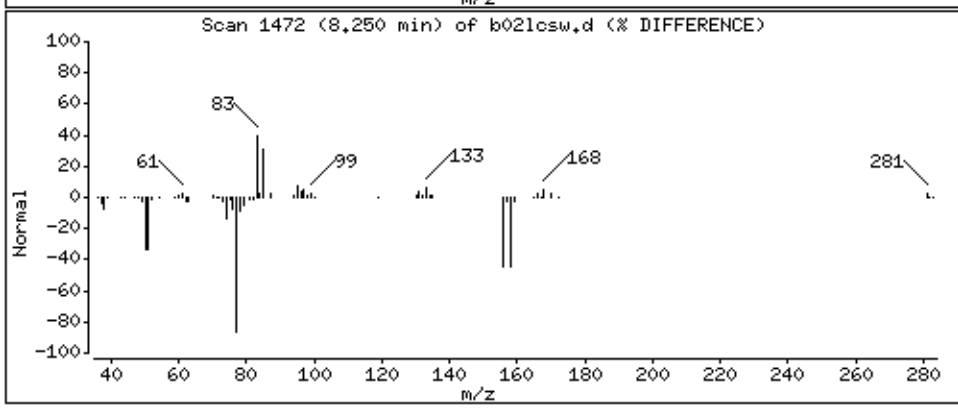
Concentration: 40.3 ppb

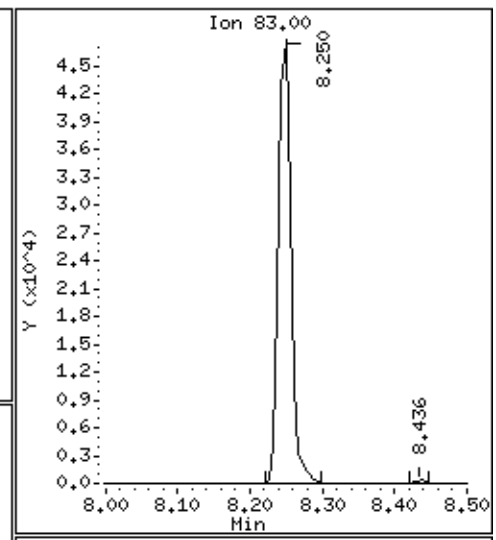
Review Code:

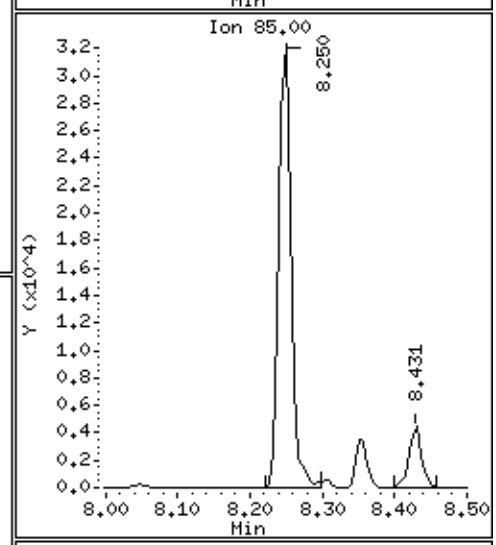


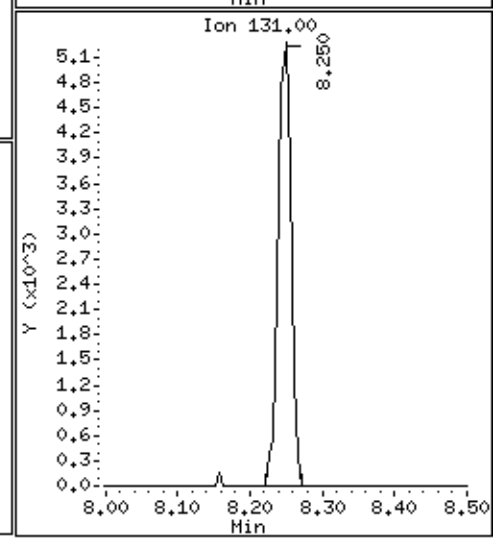












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

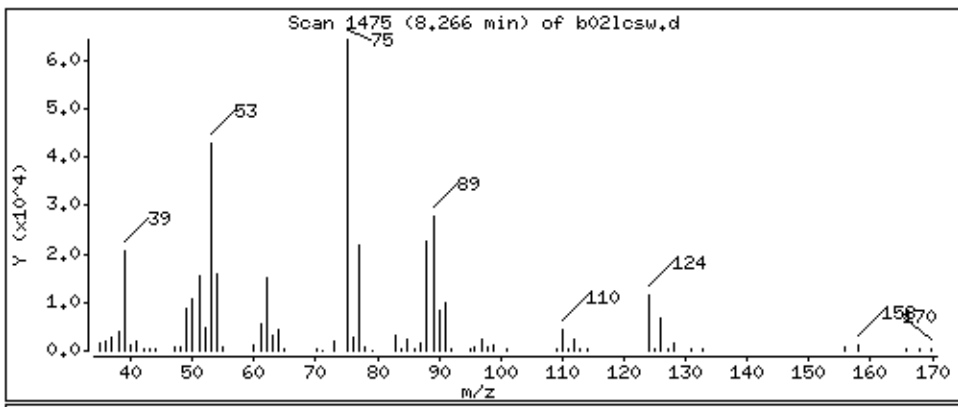
Column phase: DB-624

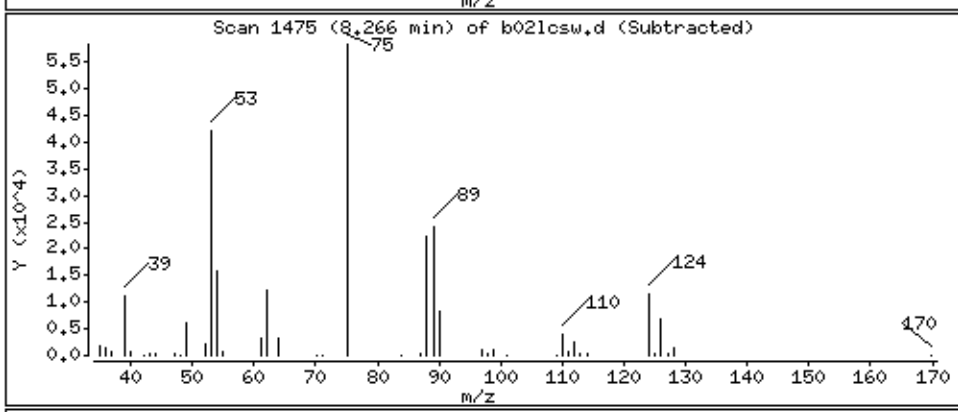
Column diameter: 0.18

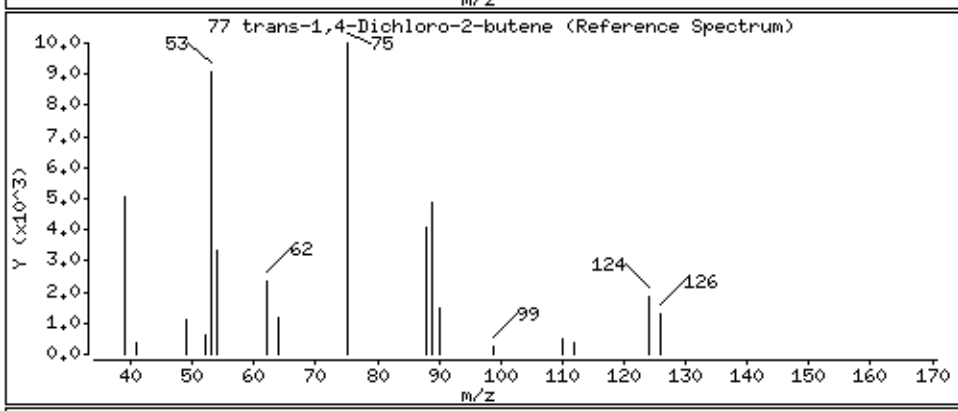
77 trans-1,4-Dichloro-2-butene

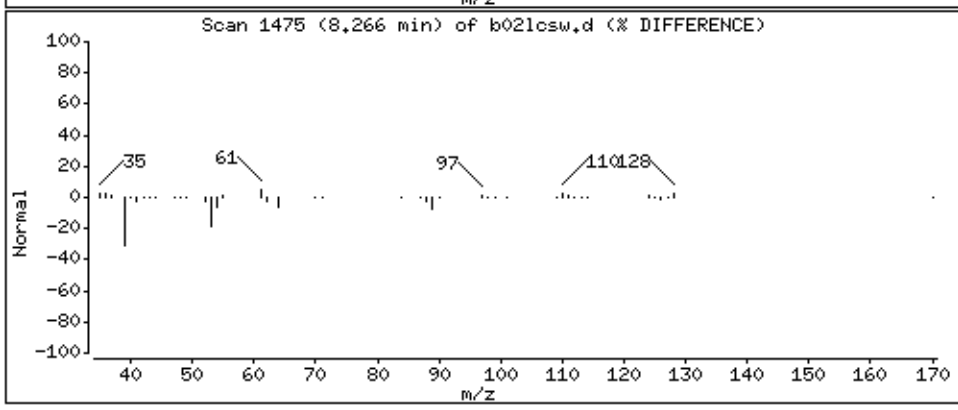
Concentration: 143 ppb

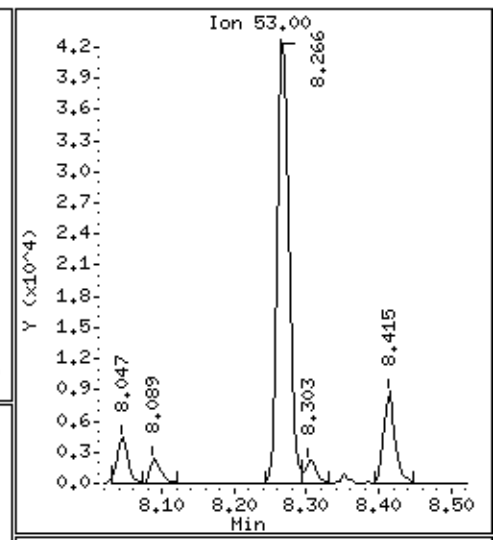
Review Code:

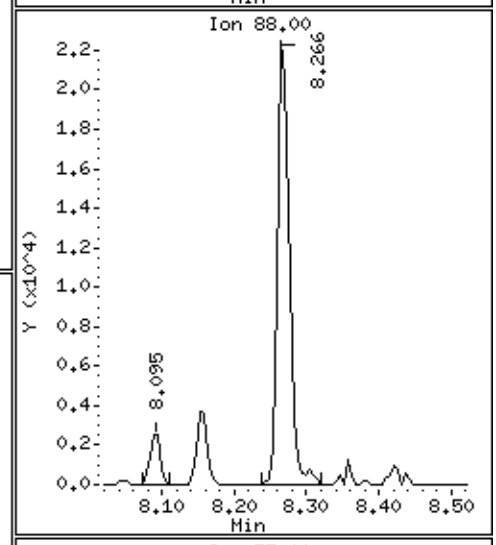


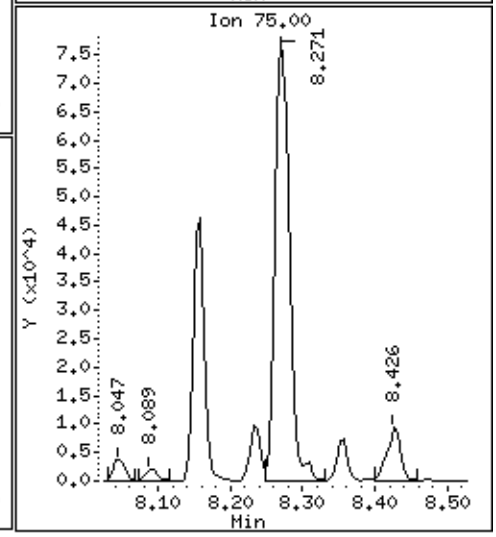












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

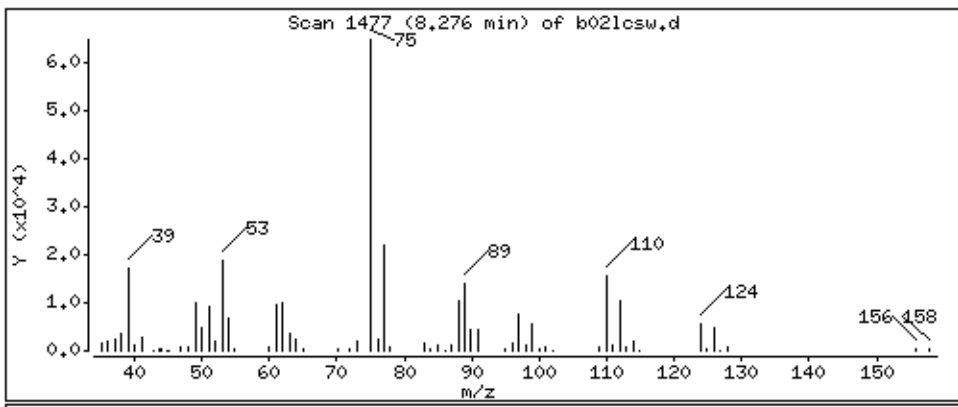
Column phase: DB-624

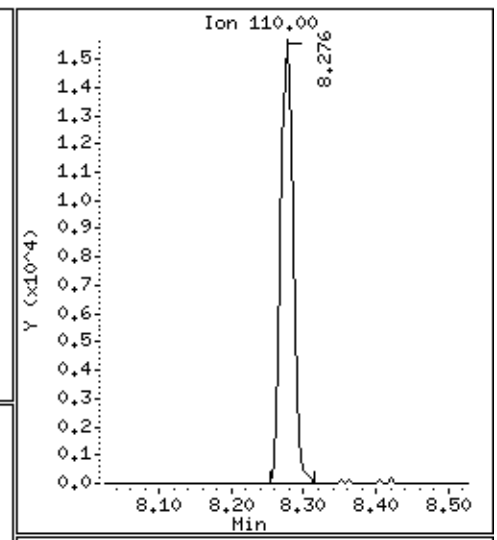
Column diameter: 0.18

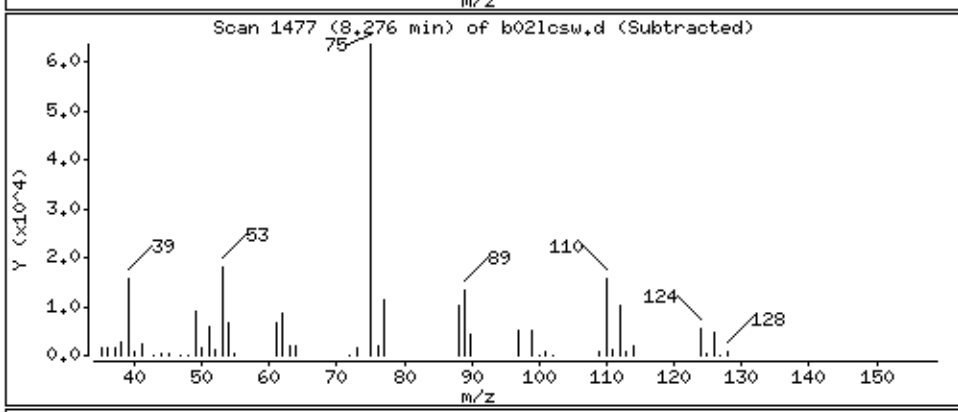
78 1,2,3-Trichloropropane

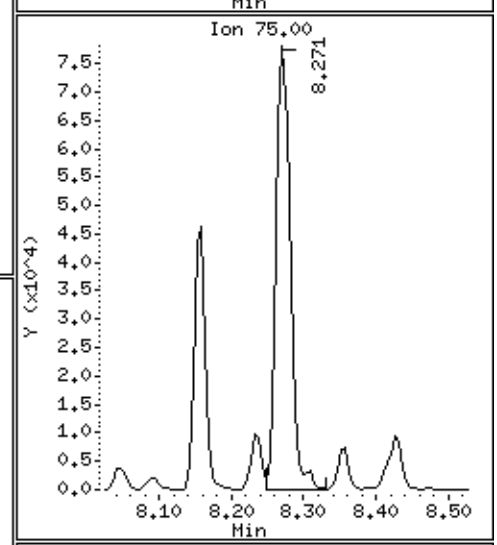
Concentration: 44.6 ppb

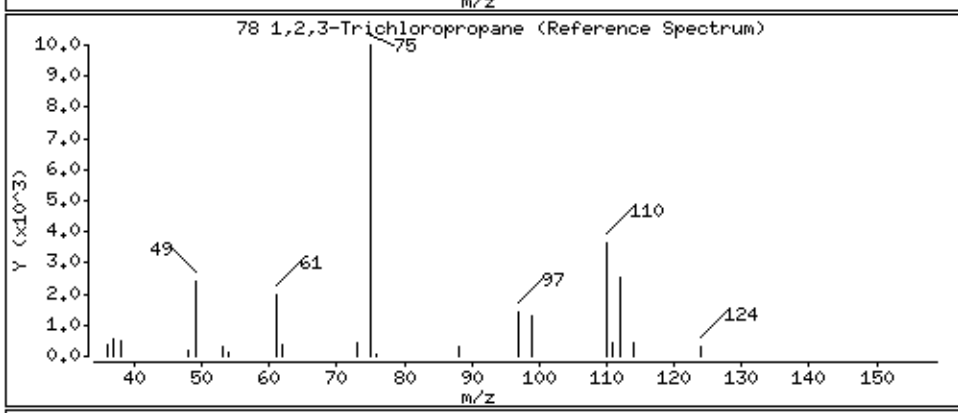
Review Code:

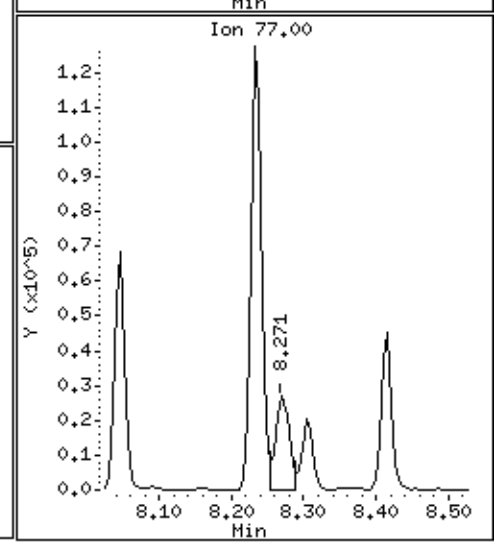


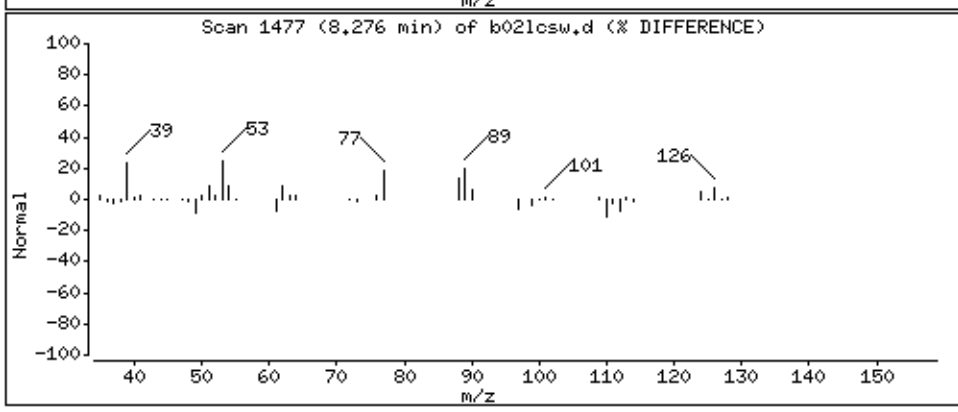












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

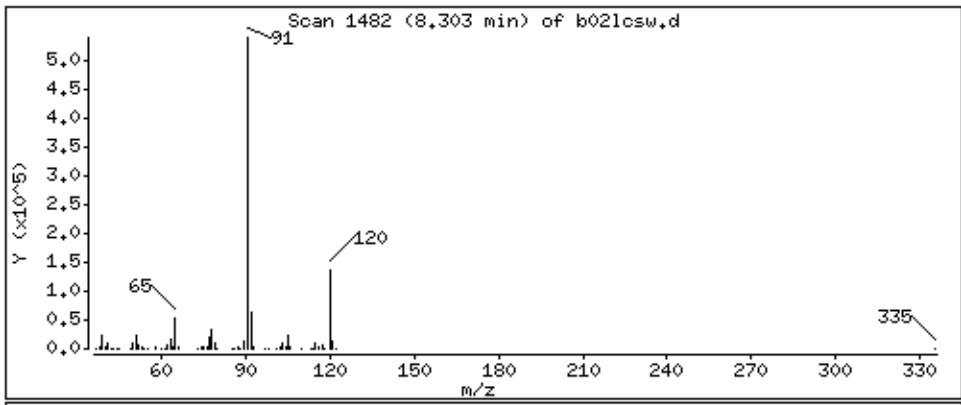
Column phase: DB-624

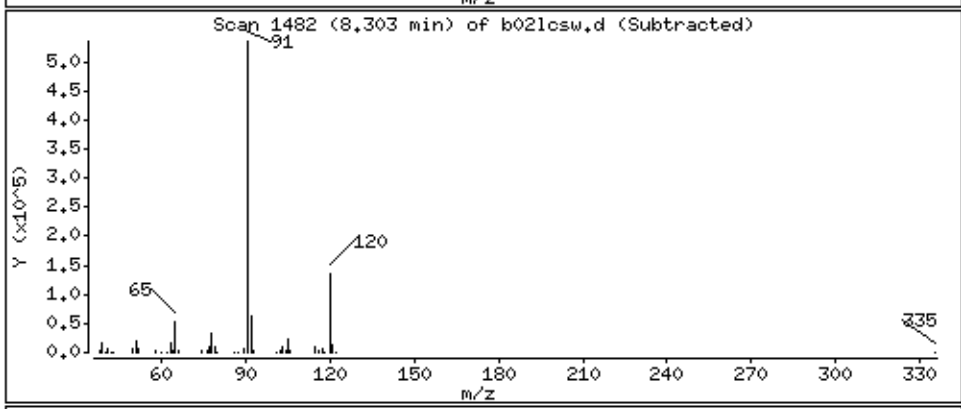
Column diameter: 0.18

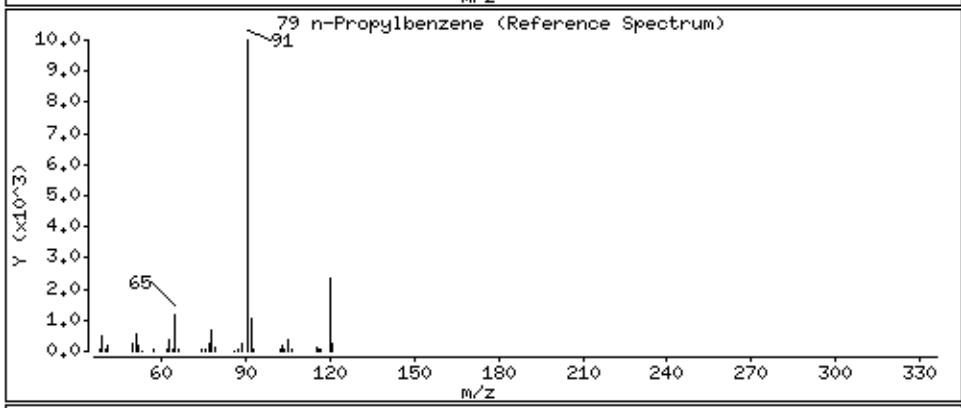
79 n-Propylbenzene

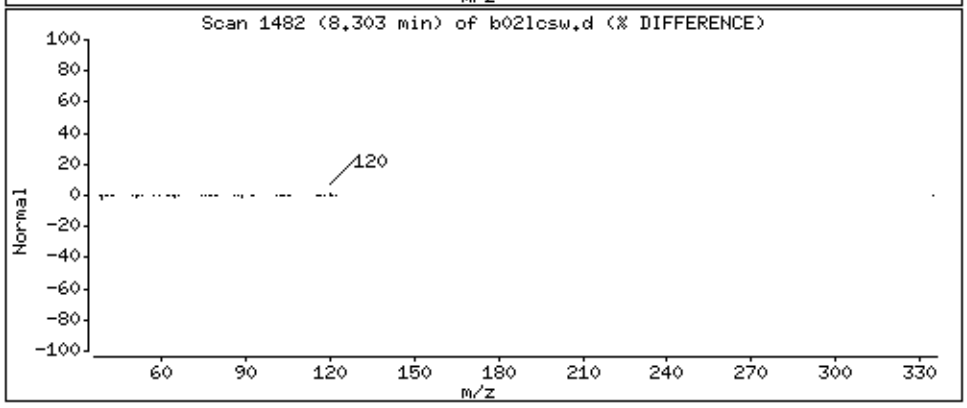
Concentration: 42.6 ppb

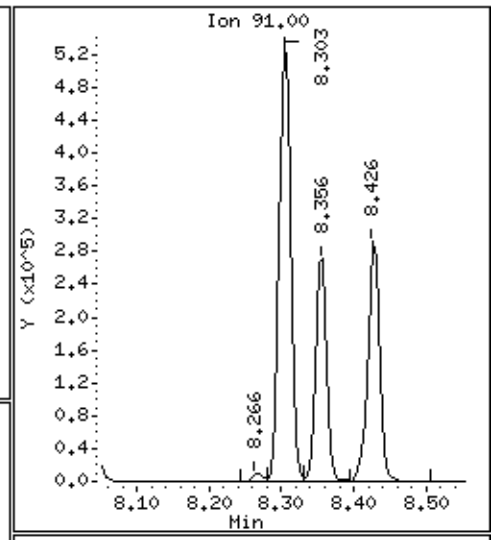
Review Code:

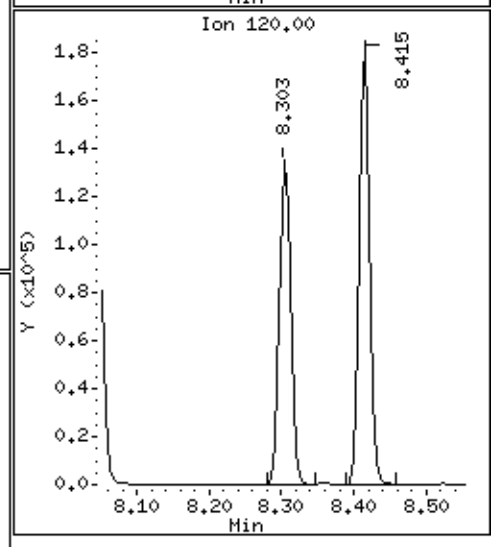












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

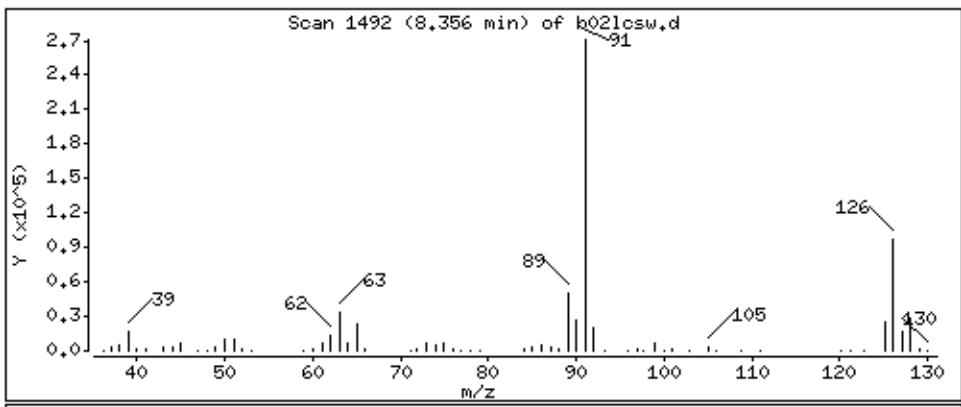
Column phase: DB-624

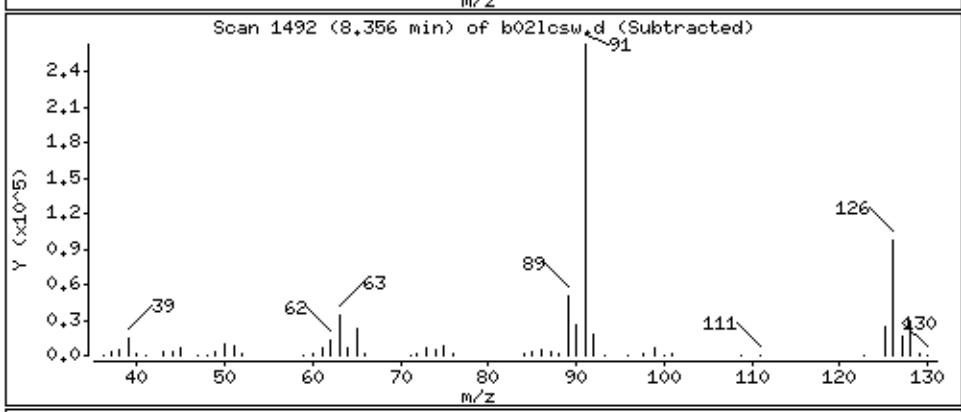
Column diameter: 0.18

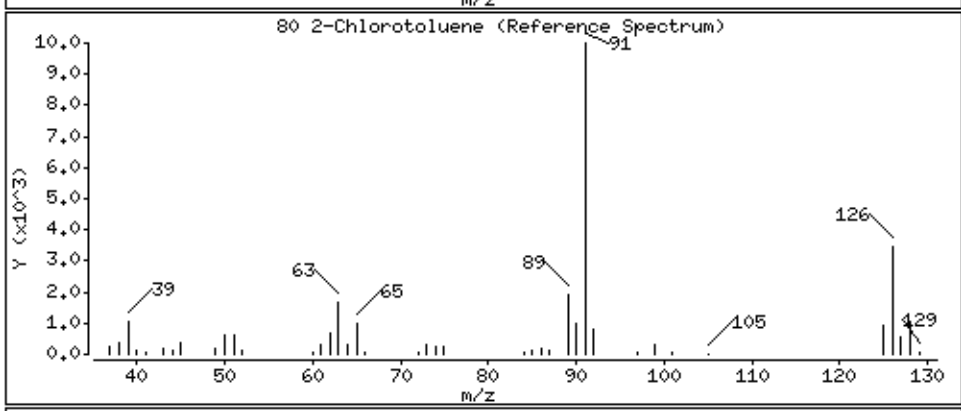
80 2-Chlorotoluene

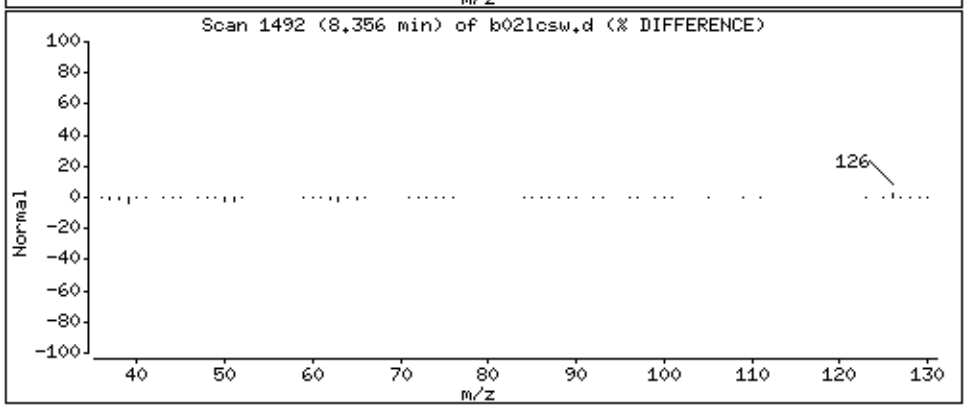
Concentration: 41.0 ppb

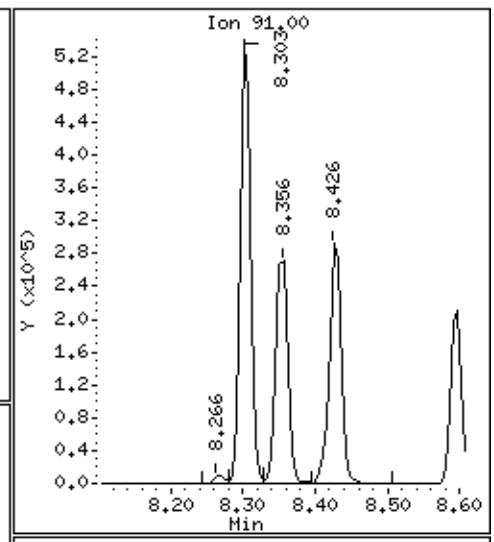
Review Code:

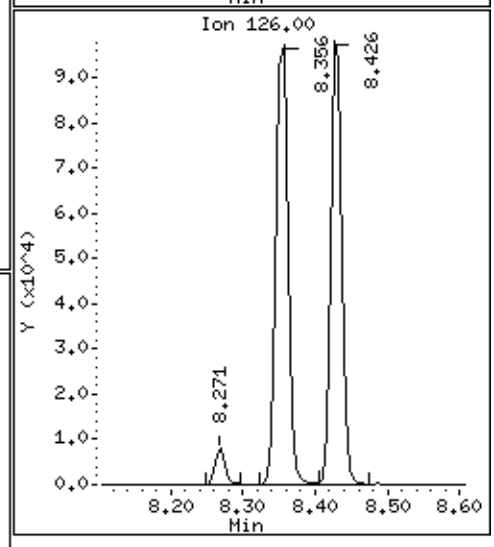












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

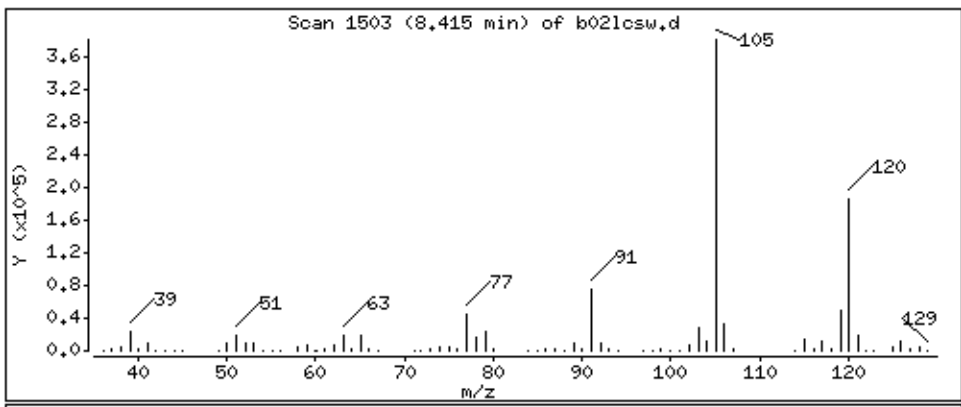
Column phase: DB-624

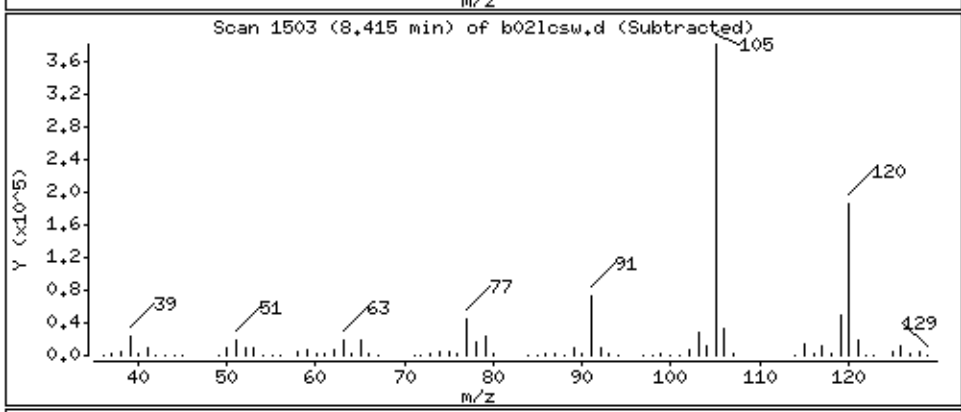
Column diameter: 0.18

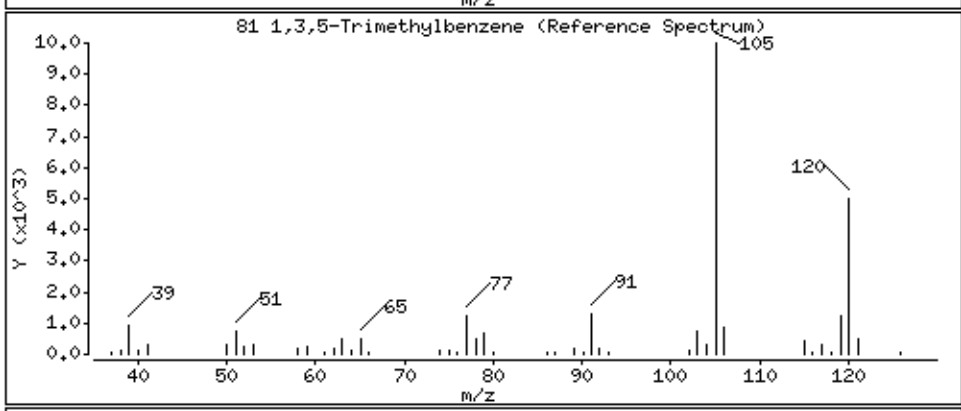
81 1,3,5-Trimethylbenzene

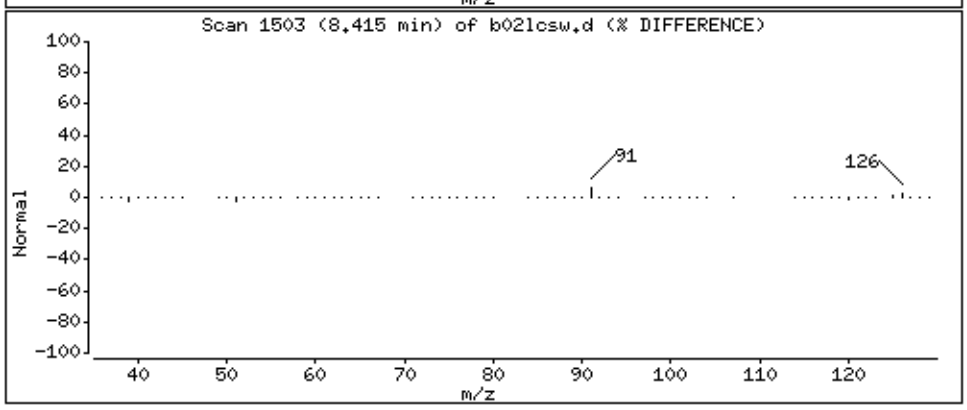
Concentration: 42.8 ppb

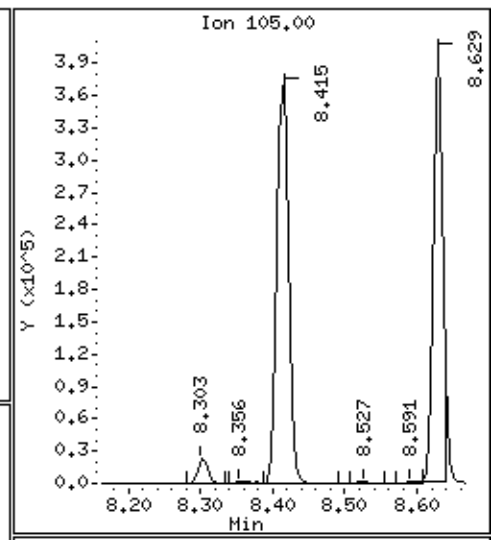
Review Code:

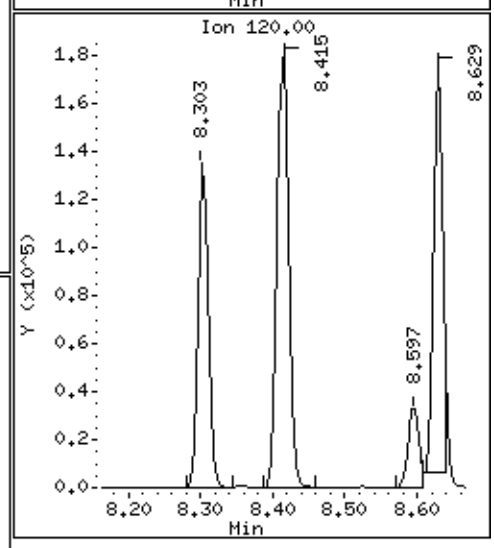












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

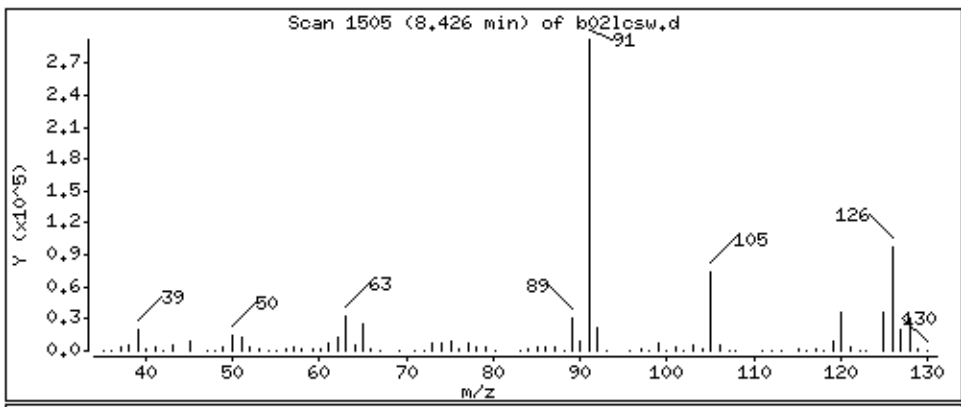
Column phase: DB-624

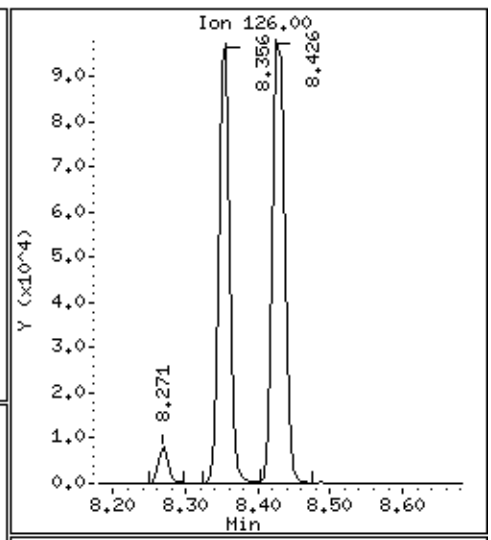
Column diameter: 0.18

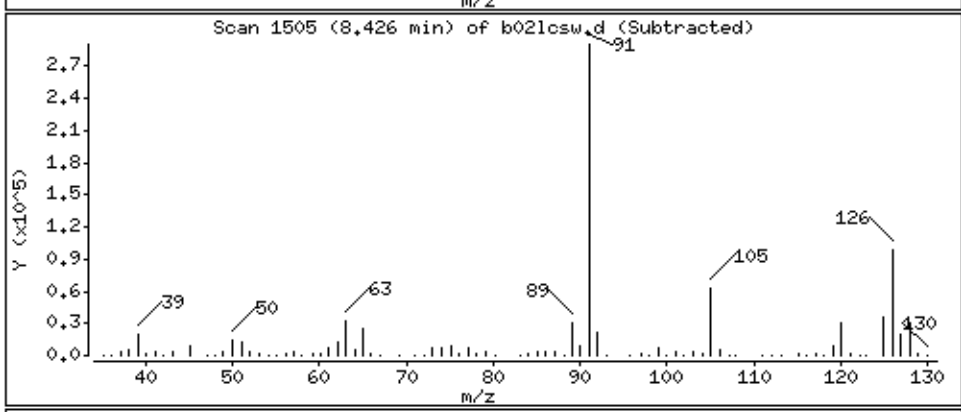
82 4-Chlorotoluene

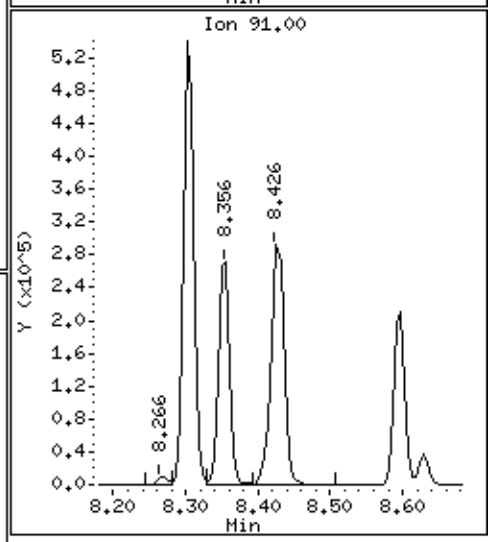
Concentration: 45.2 ppb

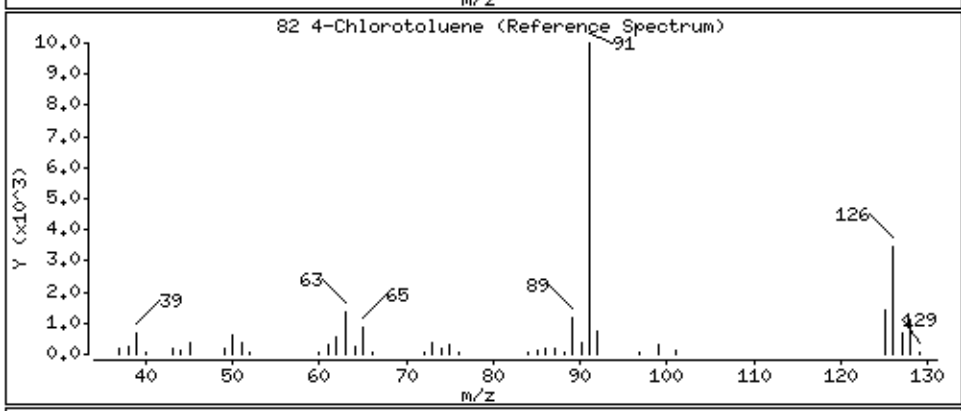
Review Code:

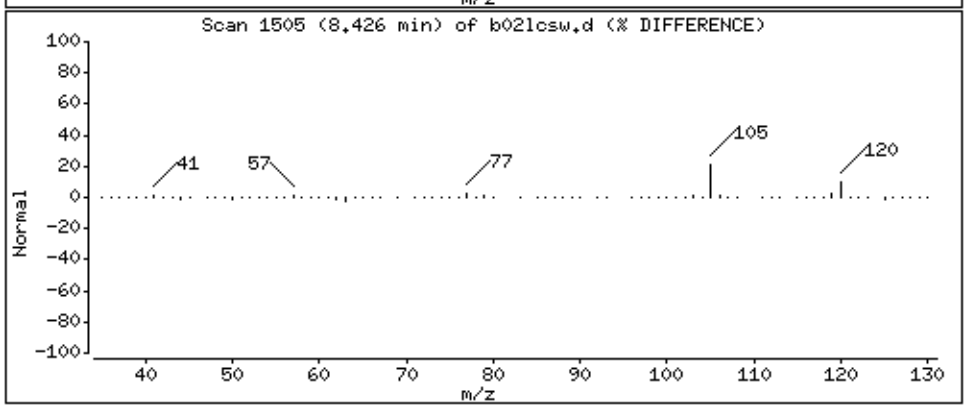












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

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Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

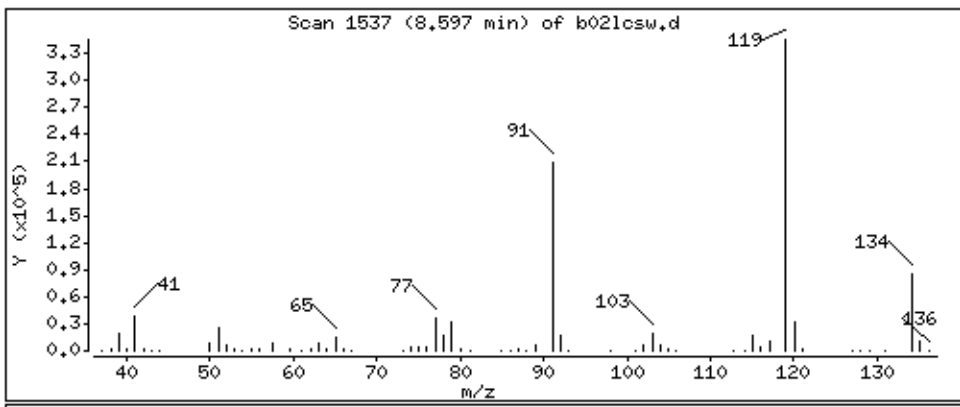
Column phase: DB-624

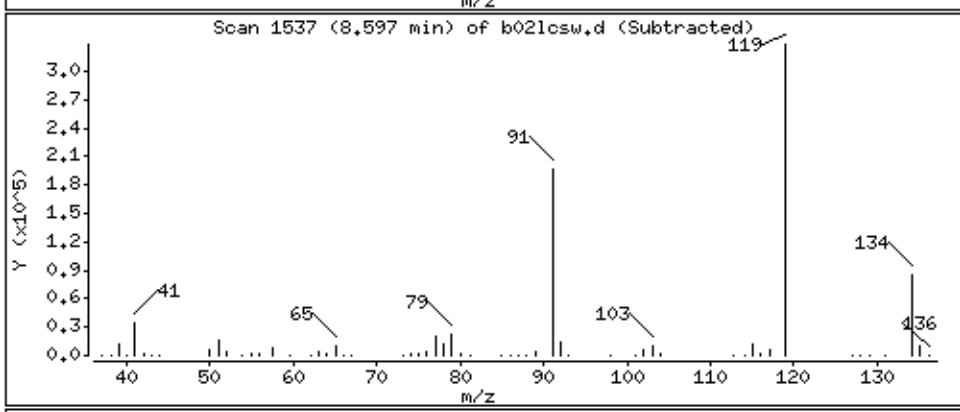
Column diameter: 0.18

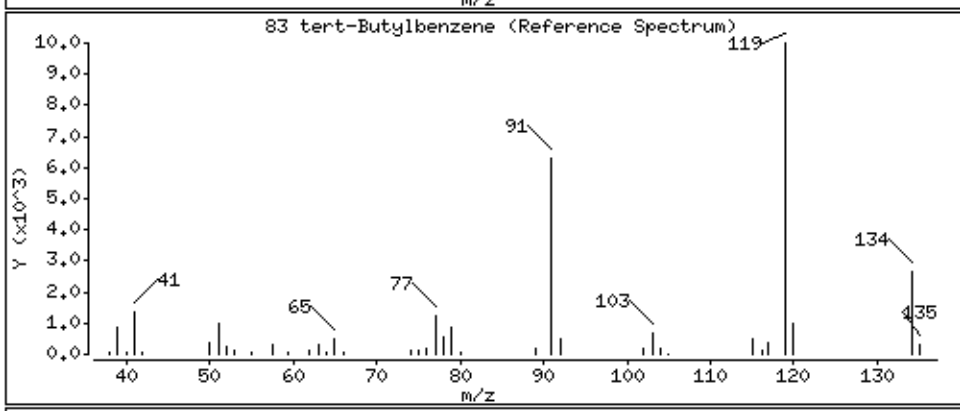
83 tert-Butylbenzene

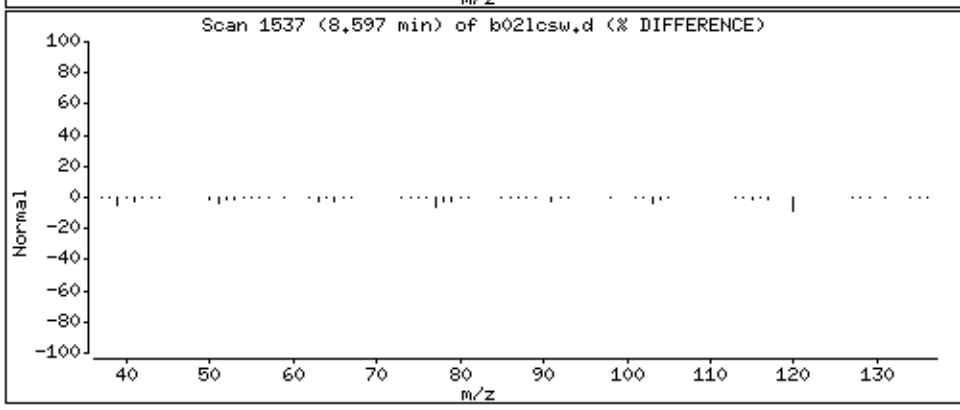
Concentration: 35.7 ppb

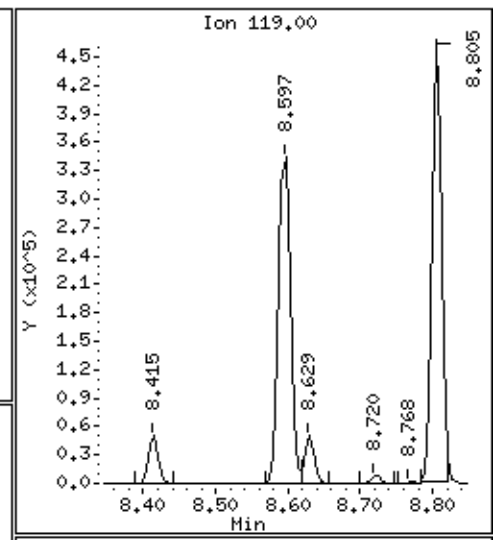
Review Code:

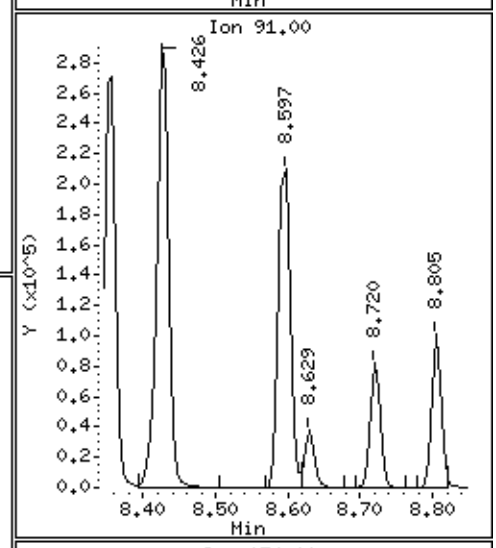


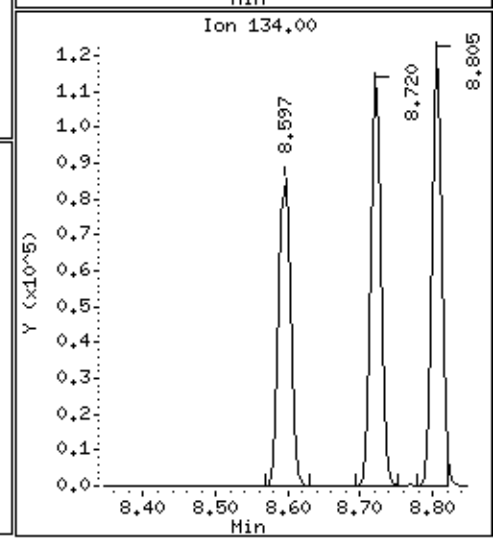












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

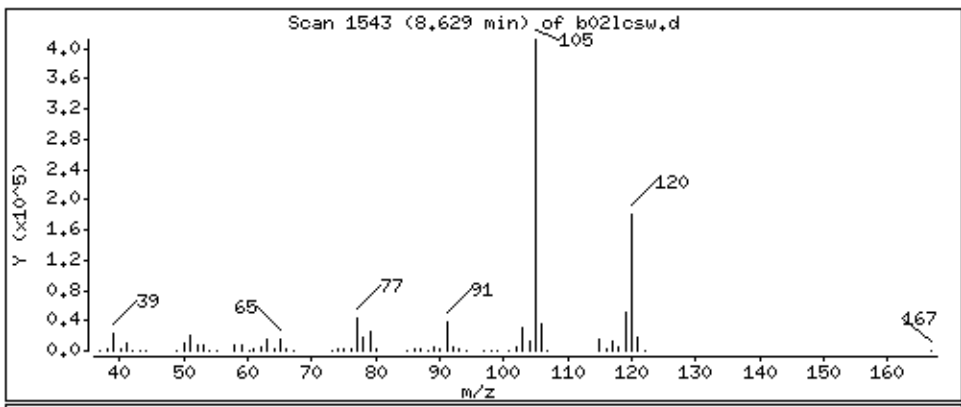
Column phase: DB-624

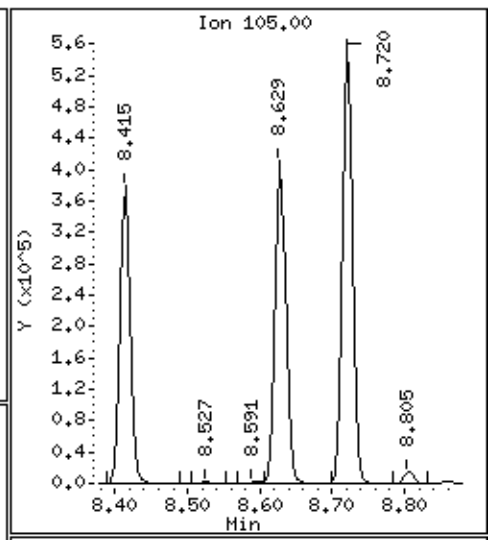
Column diameter: 0.18

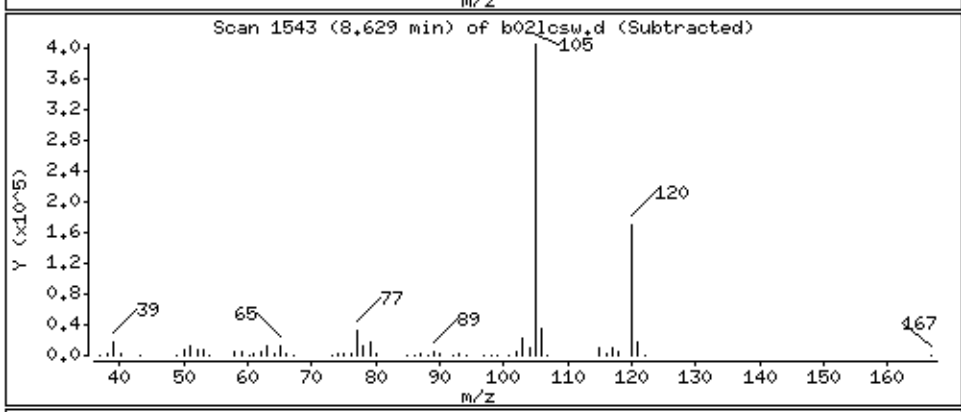
84 1,2,4-Trimethylbenzene

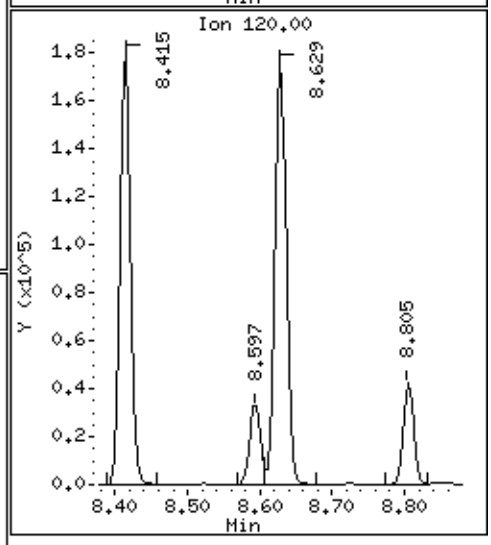
Concentration: 42.0 ppb

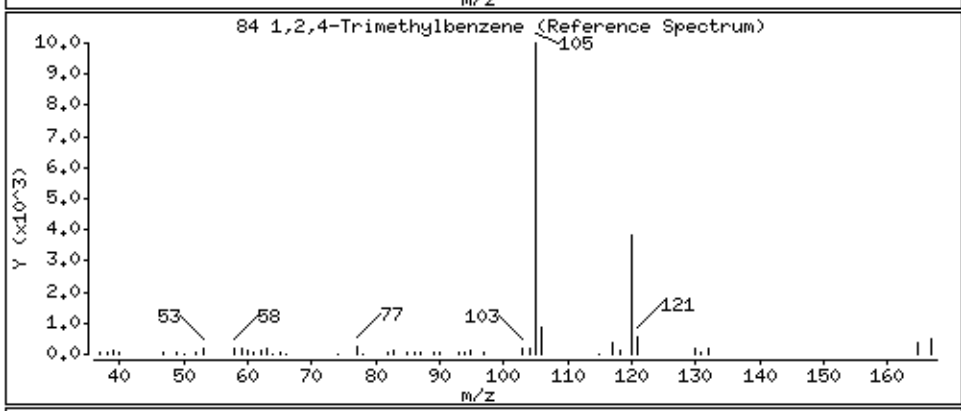
Review Code:

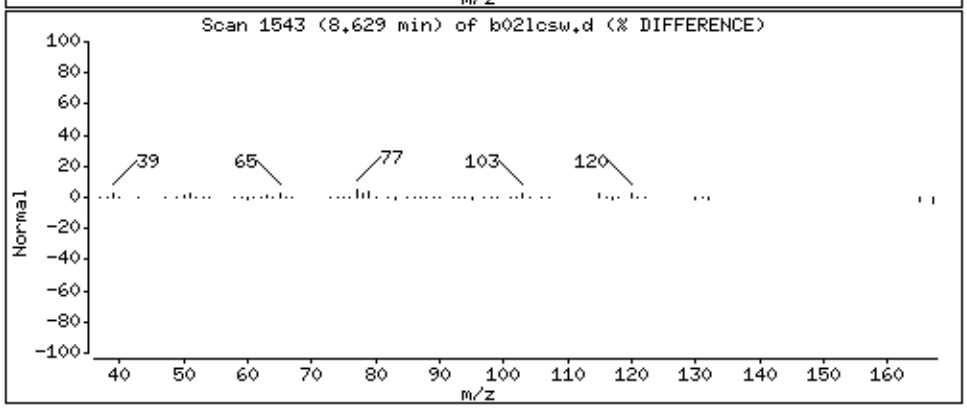












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

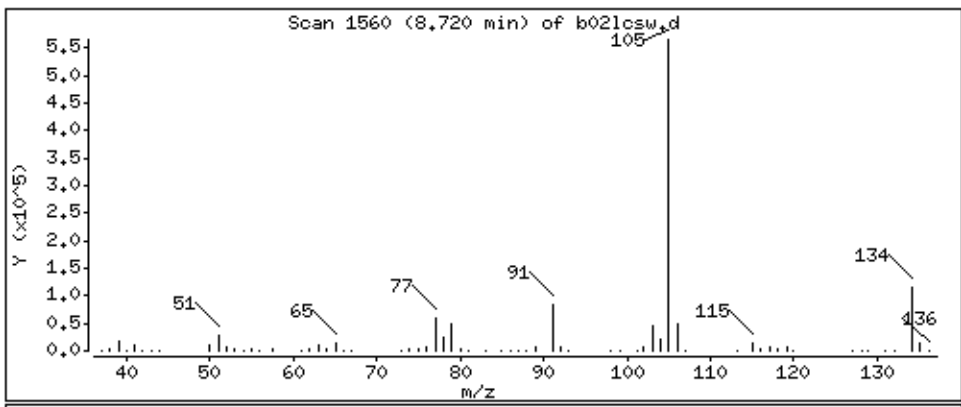
Column phase: DB-624

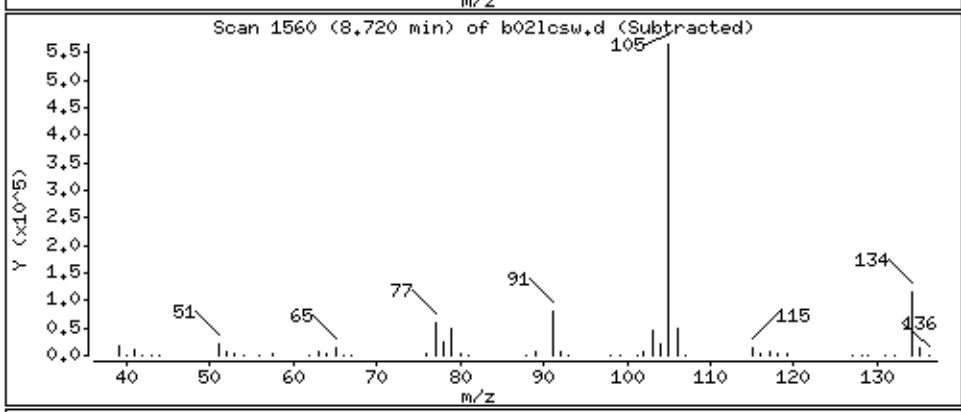
Column diameter: 0.18

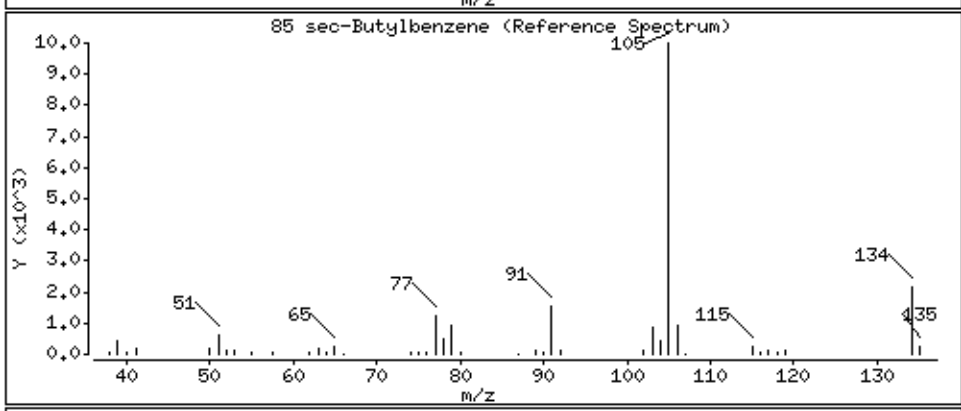
85 sec-Butylbenzene

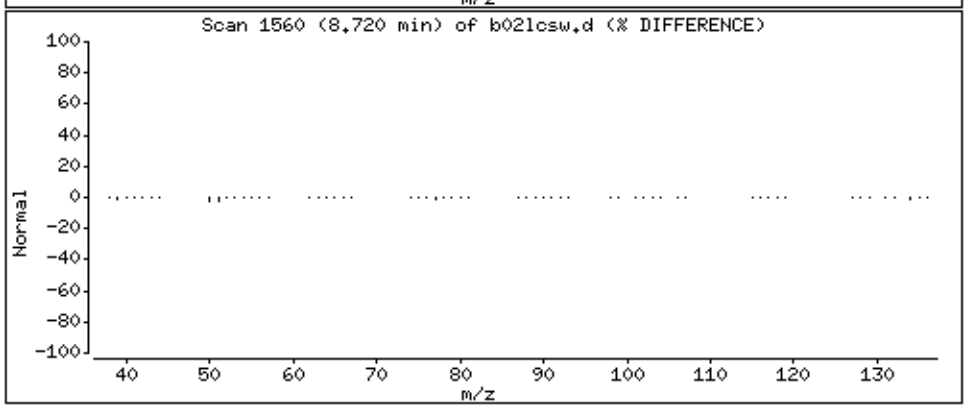
Concentration: 43.7 ppb

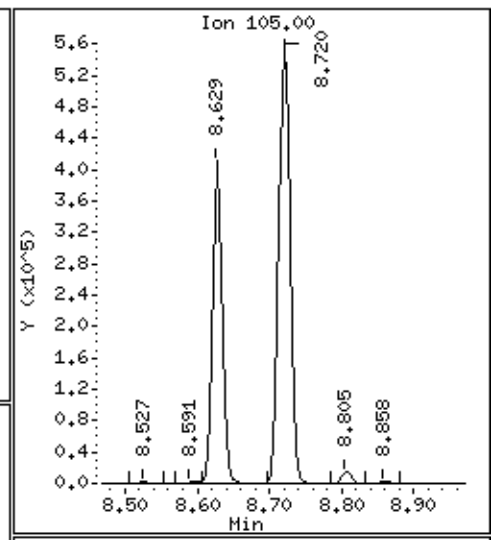
Review Code:

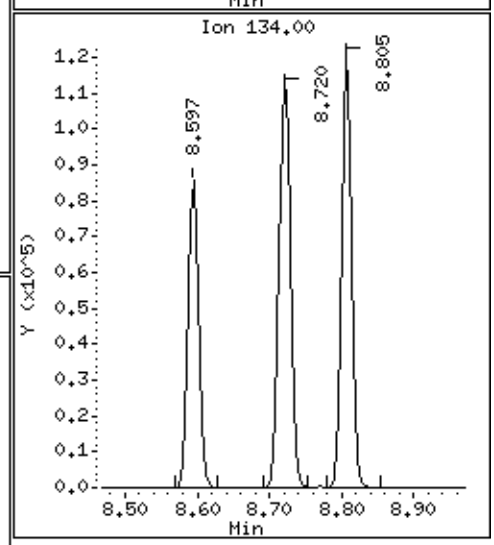












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

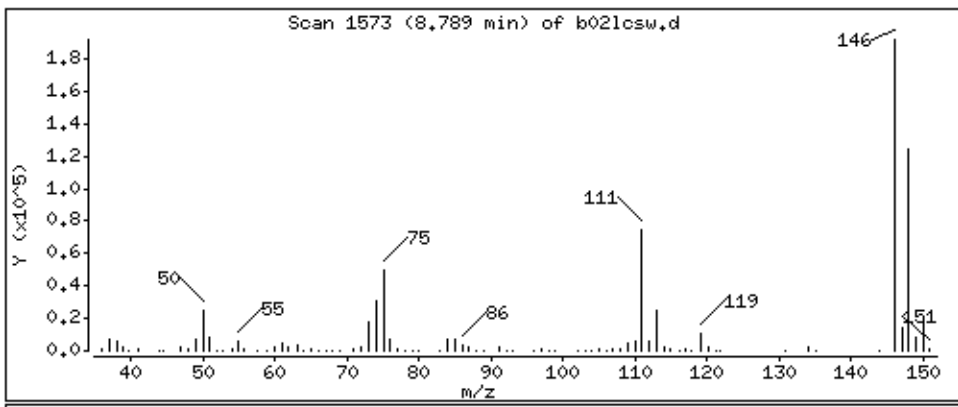
Column phase: DB-624

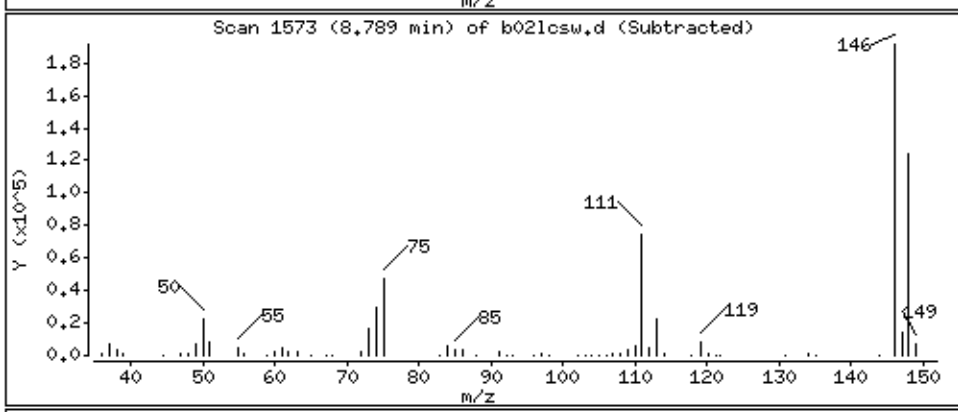
Column diameter: 0.18

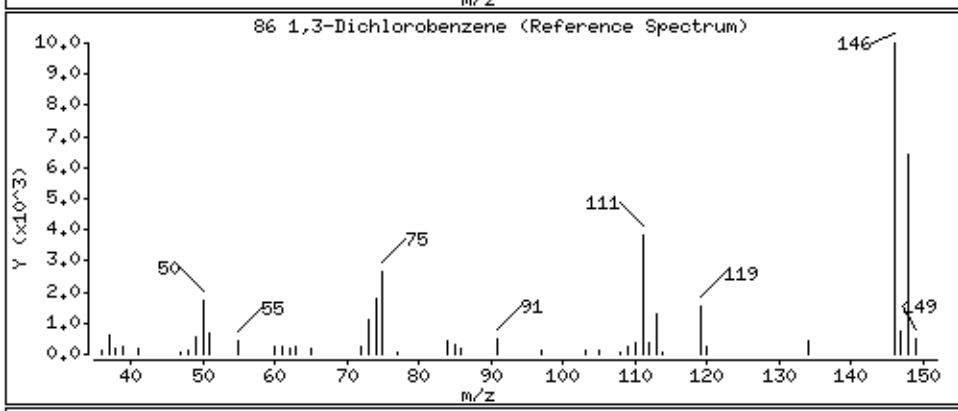
86 1,3-Dichlorobenzene

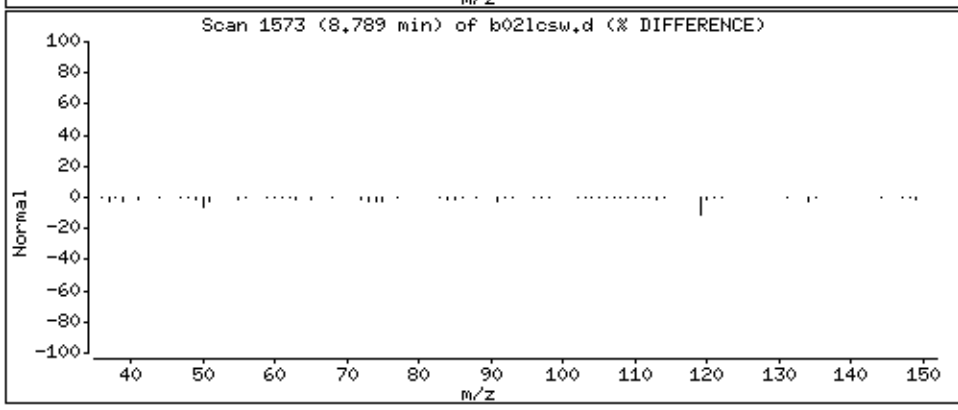
Concentration: 45.4 ppb

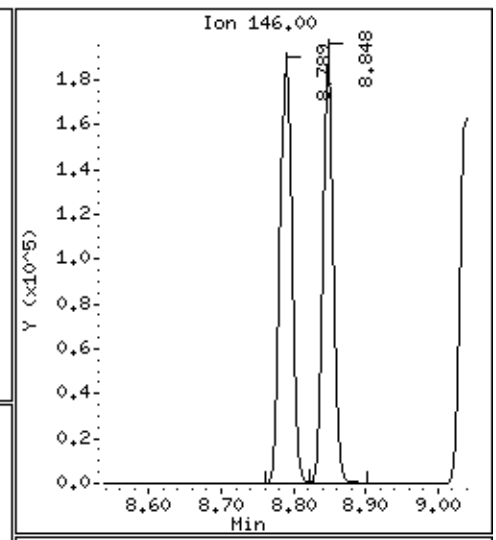
Review Code:

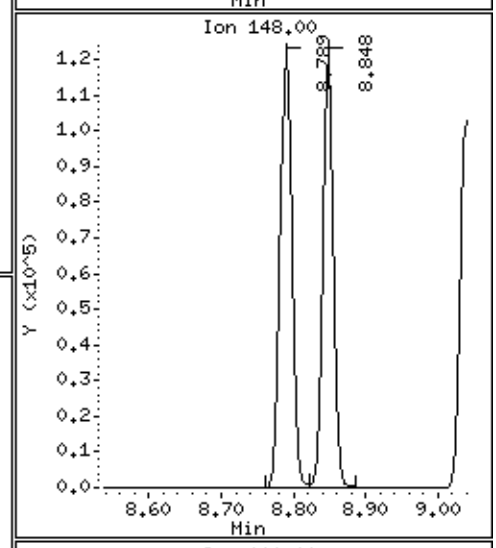


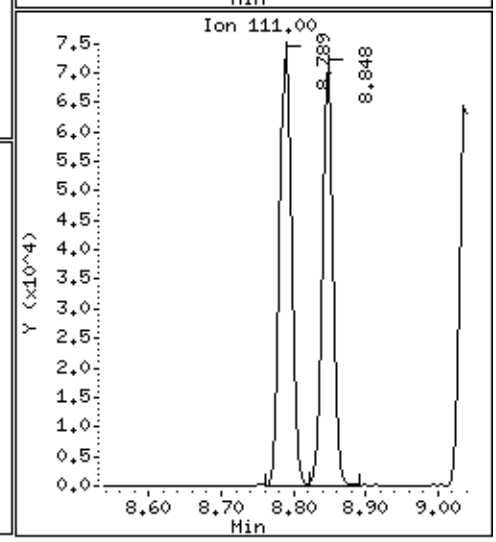












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

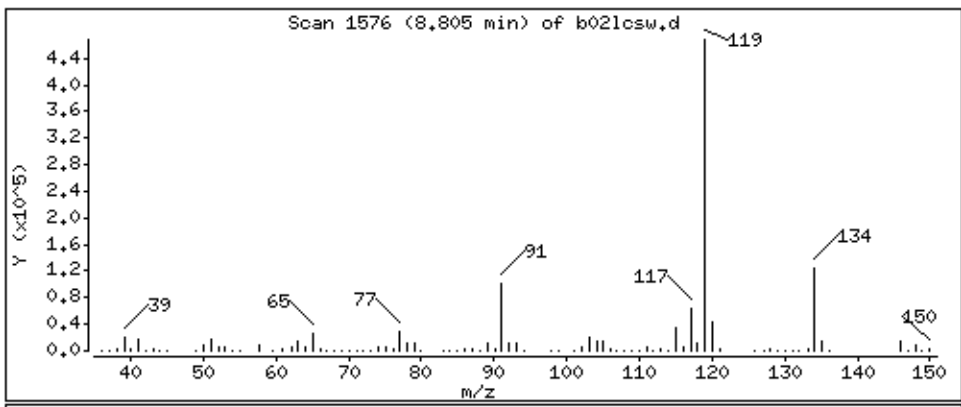
Column phase: DB-624

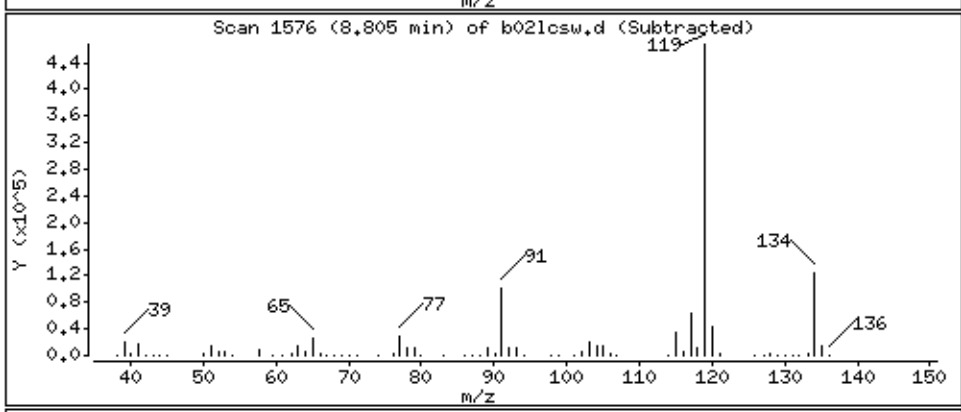
Column diameter: 0.18

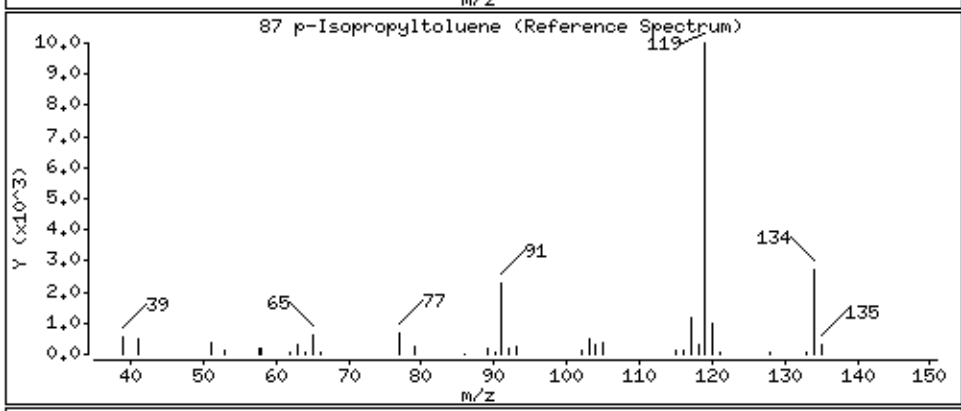
87 p-Isopropyltoluene

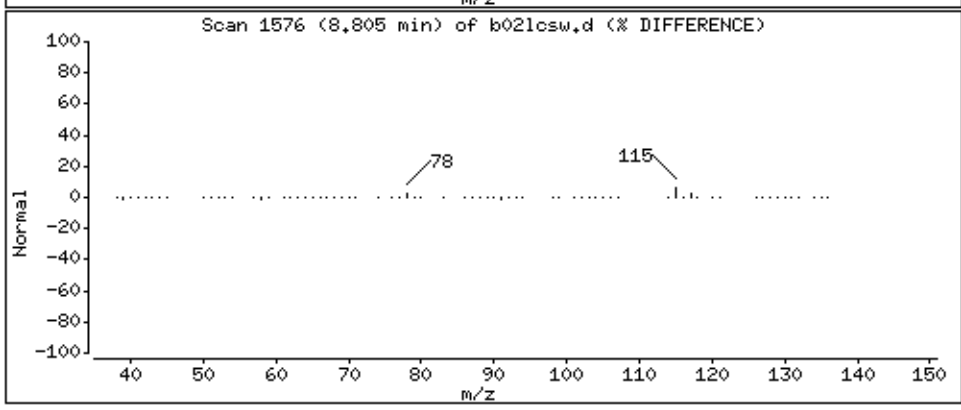
Concentration: 43.3 ppb

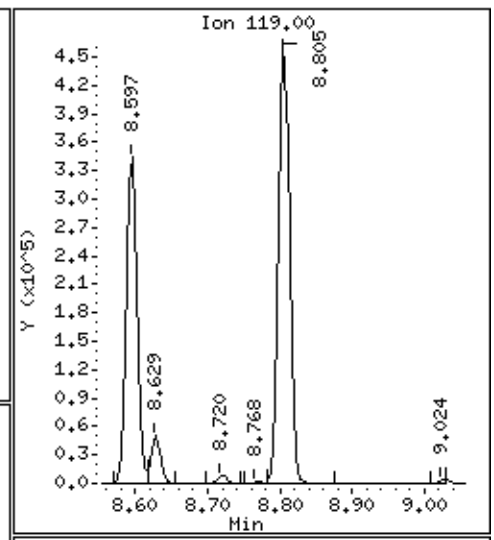
Review Code:

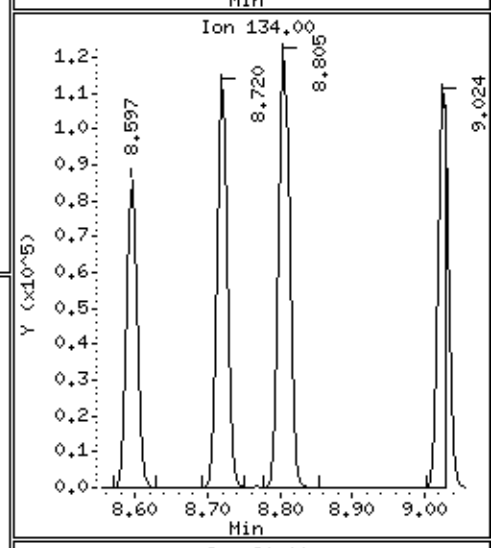


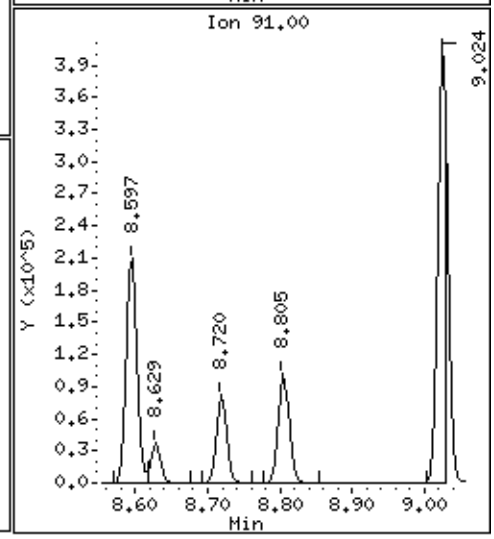












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Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

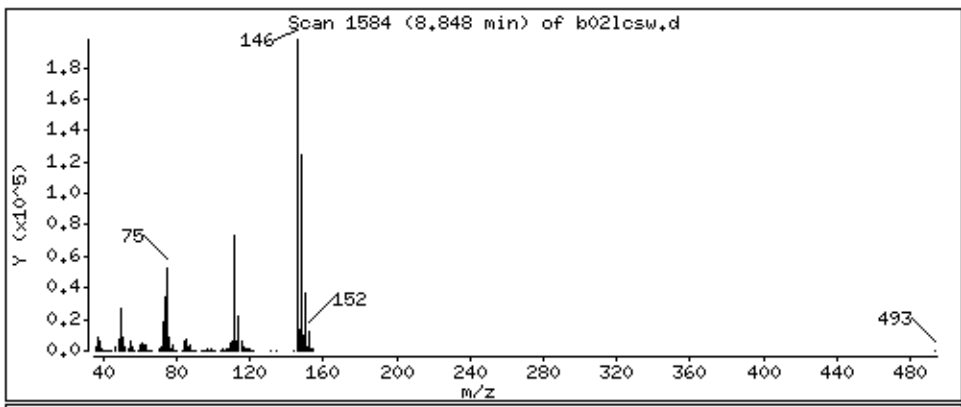
Column phase: DB-624

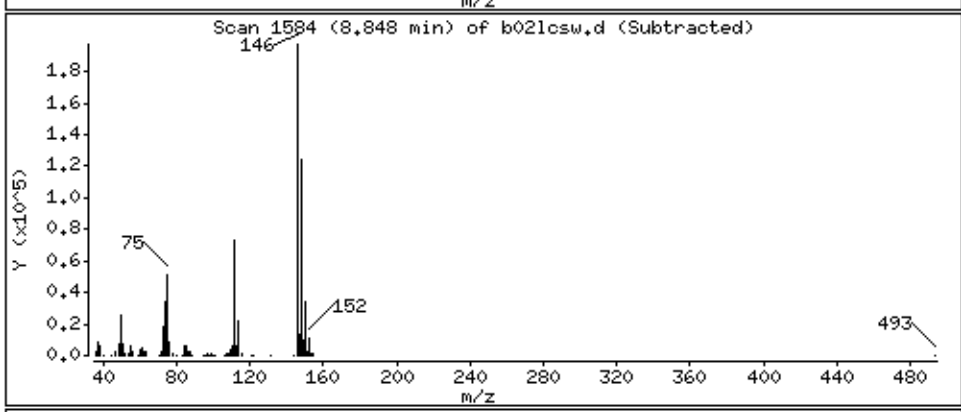
Column diameter: 0.18

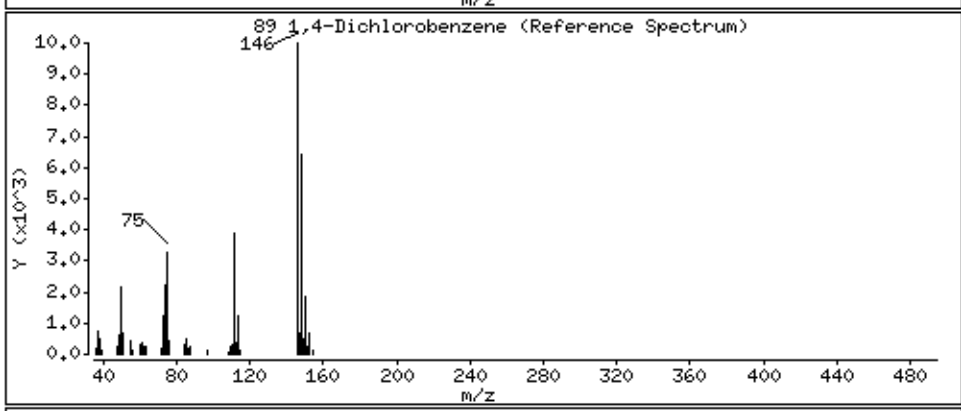
89 1,4-Dichlorobenzene

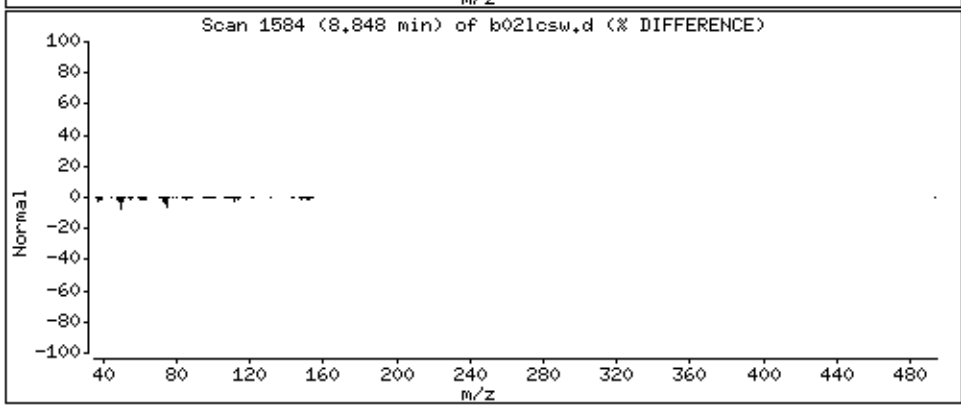
Concentration: 43.7 ppb

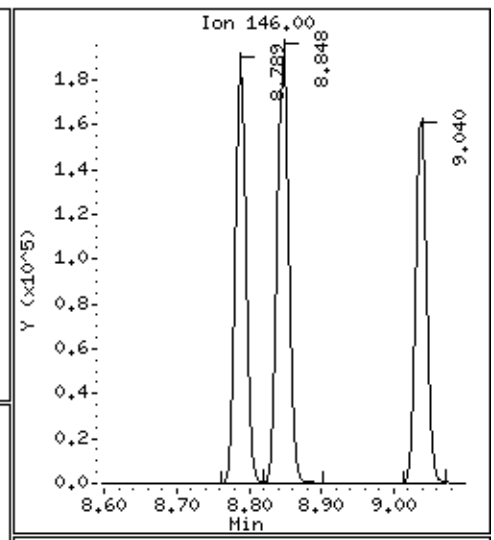
Review Code:

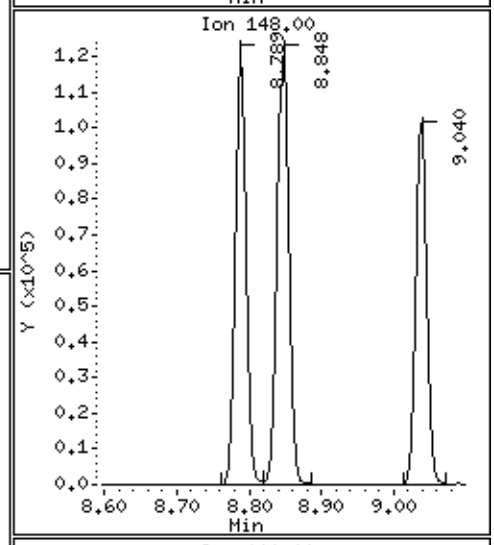


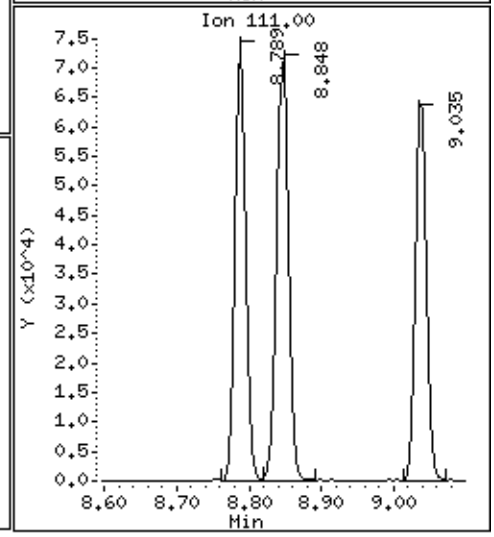












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

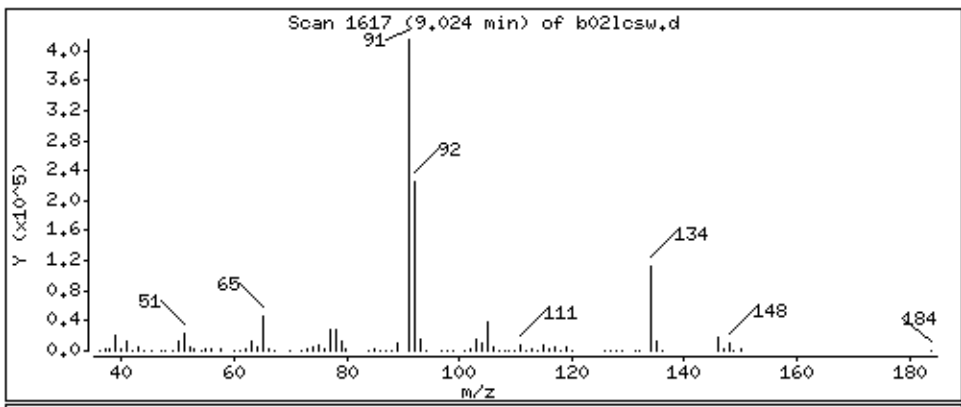
Column phase: DB-624

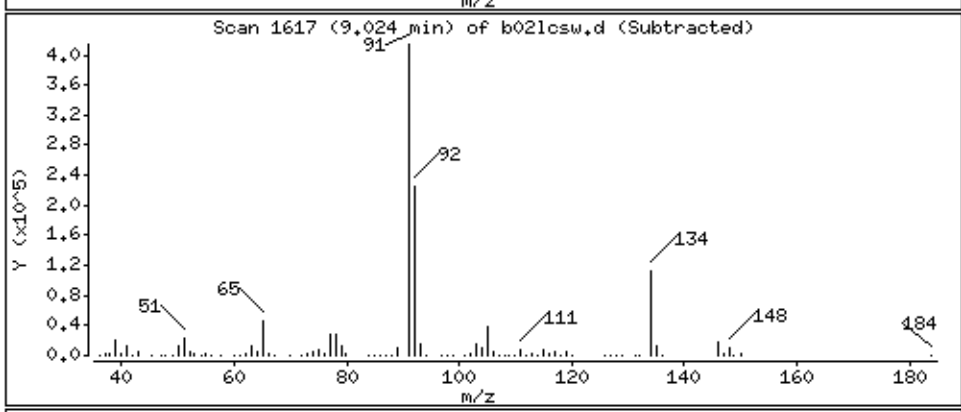
Column diameter: 0.18

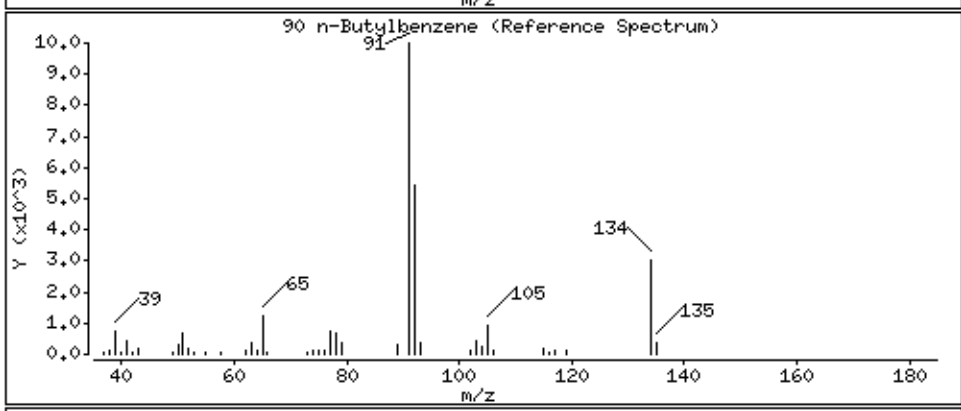
90 n-Butylbenzene

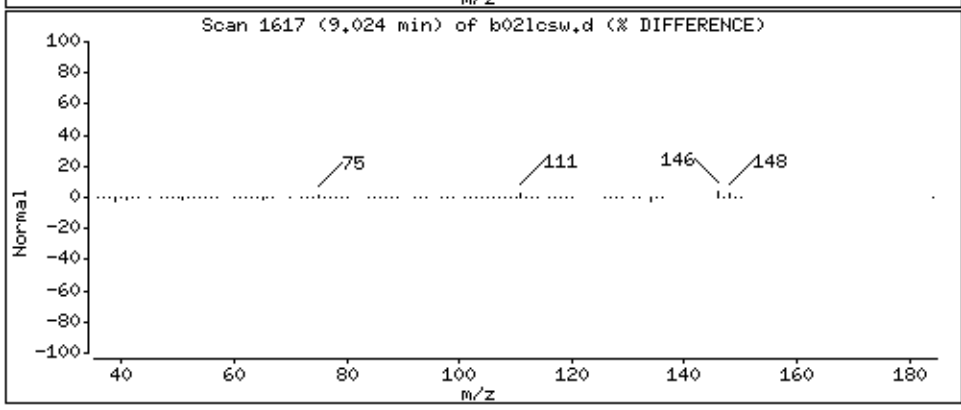
Concentration: 42.3 ppb

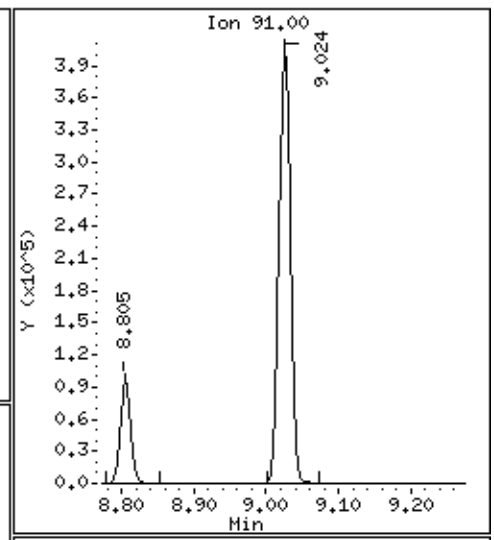
Review Code:

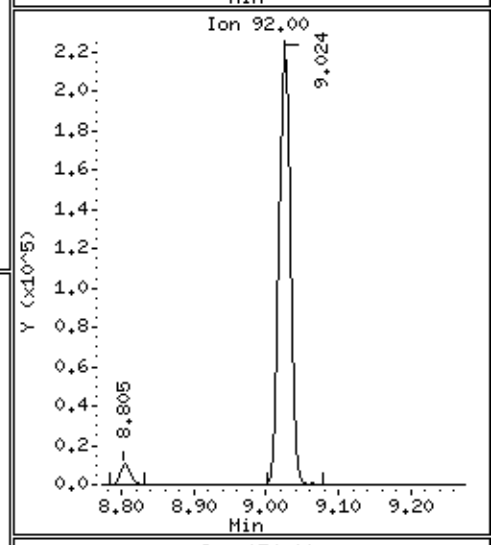


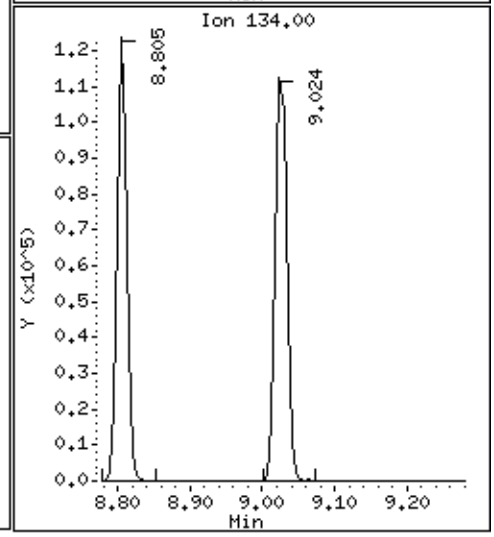












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

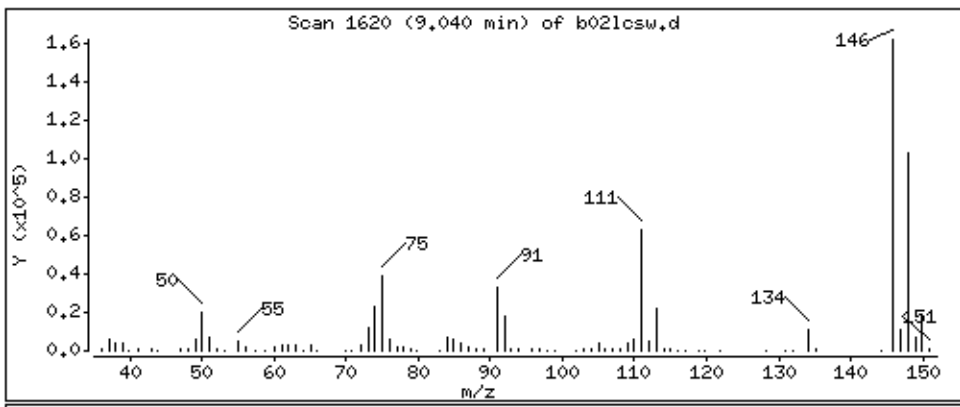
Column phase: DB-624

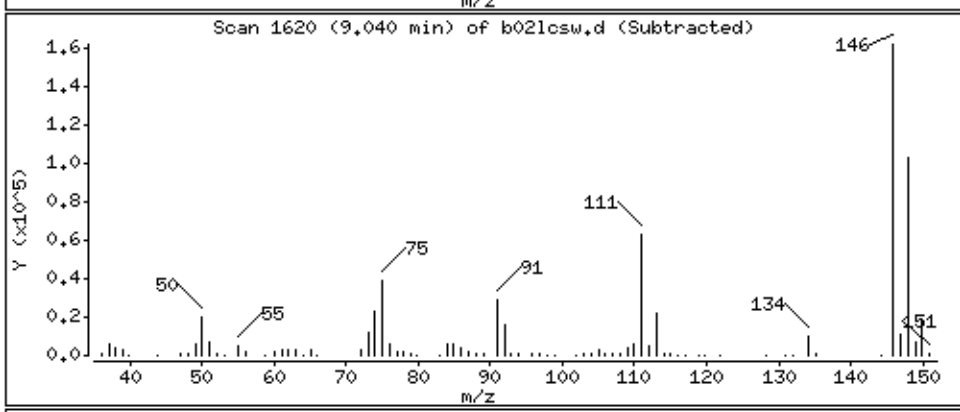
Column diameter: 0.18

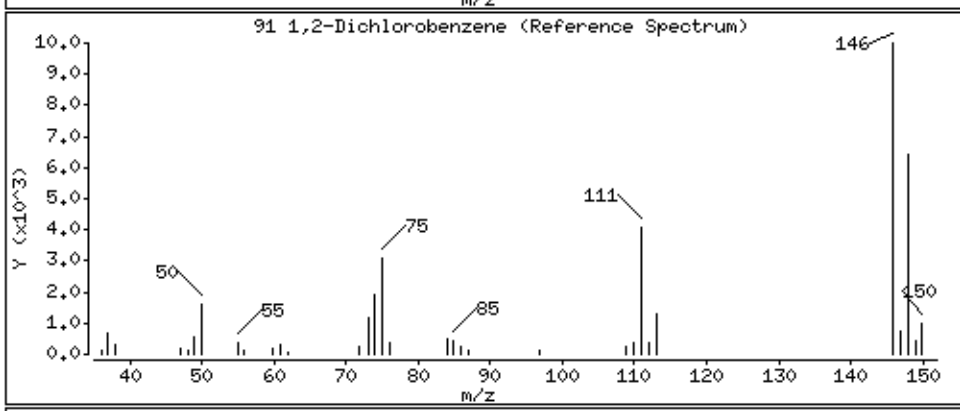
91 1,2-Dichlorobenzene

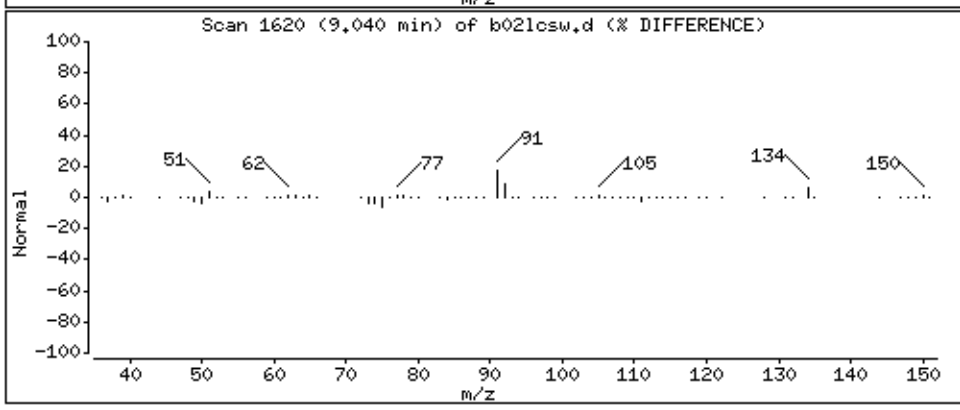
Concentration: 47.4 ppb

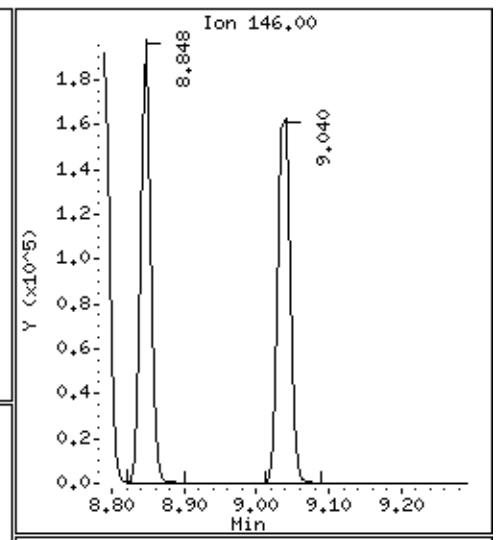
Review Code:

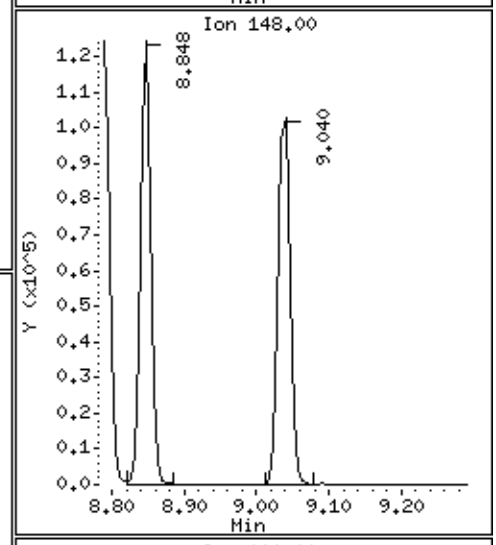


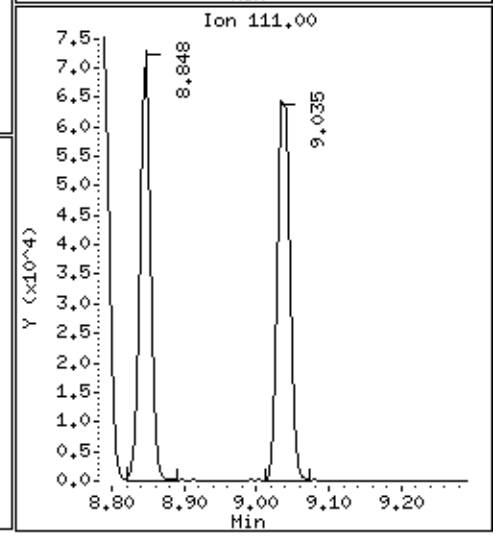












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

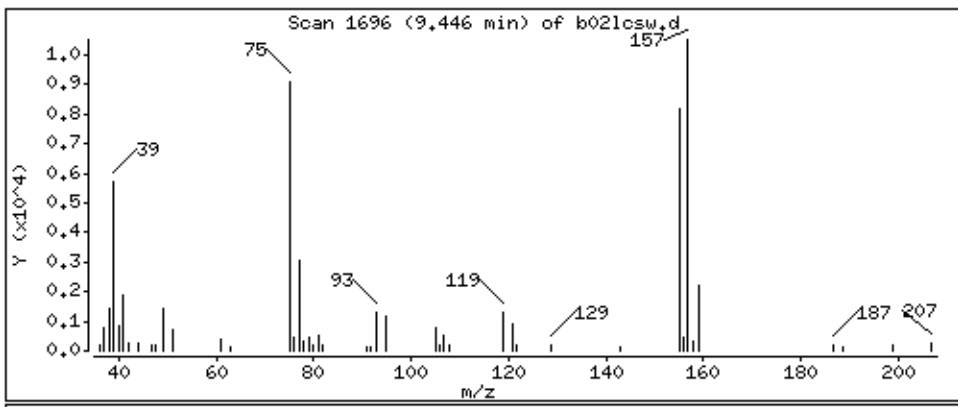
Column phase: DB-624

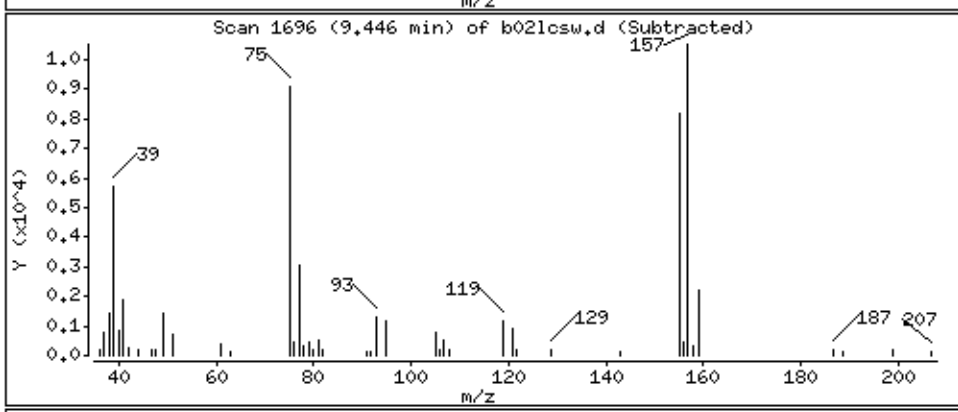
Column diameter: 0.18

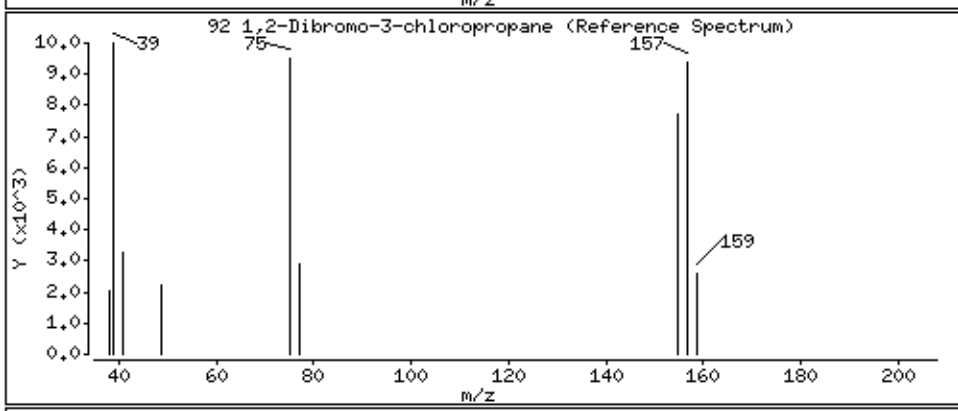
92 1,2-Dibromo-3-chloropropane

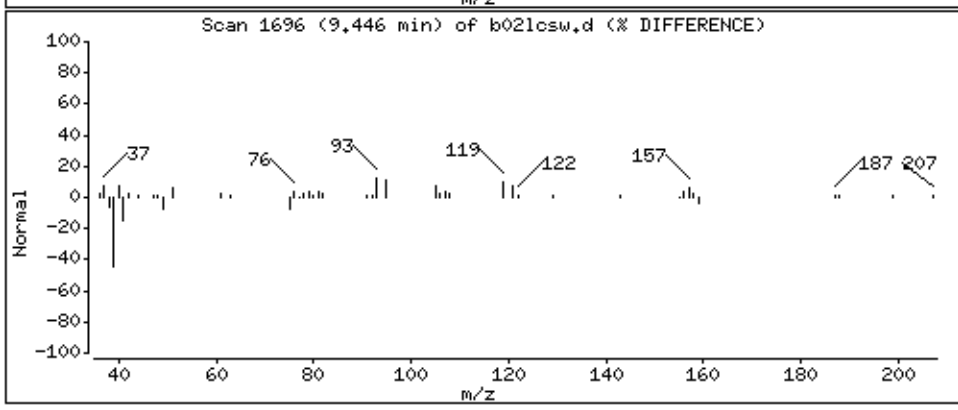
Concentration: 42.8 ppb

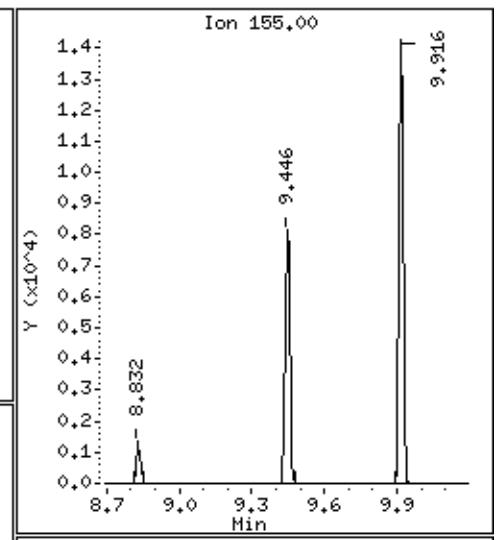
Review Code:

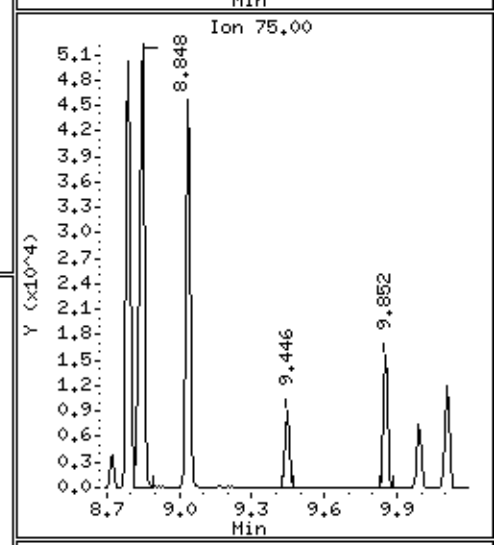


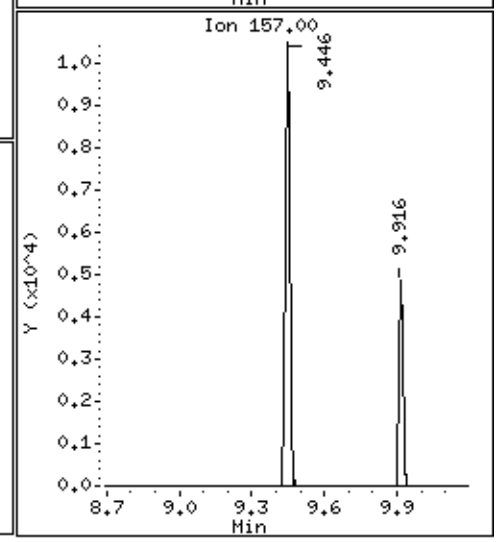












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

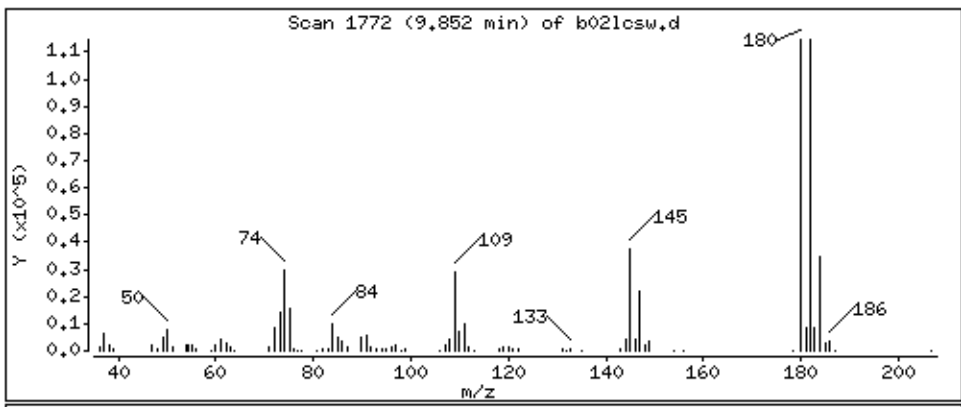
Column phase: DB-624

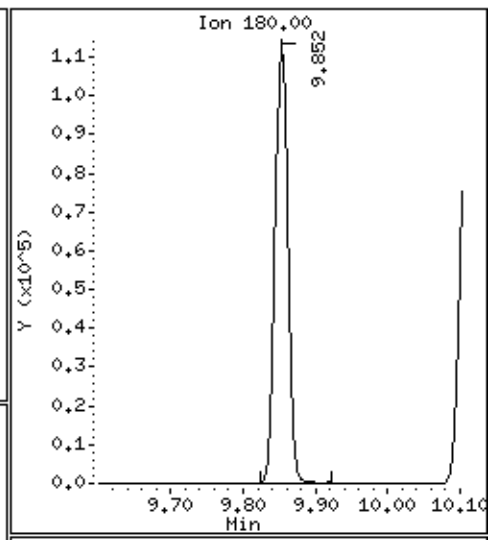
Column diameter: 0.18

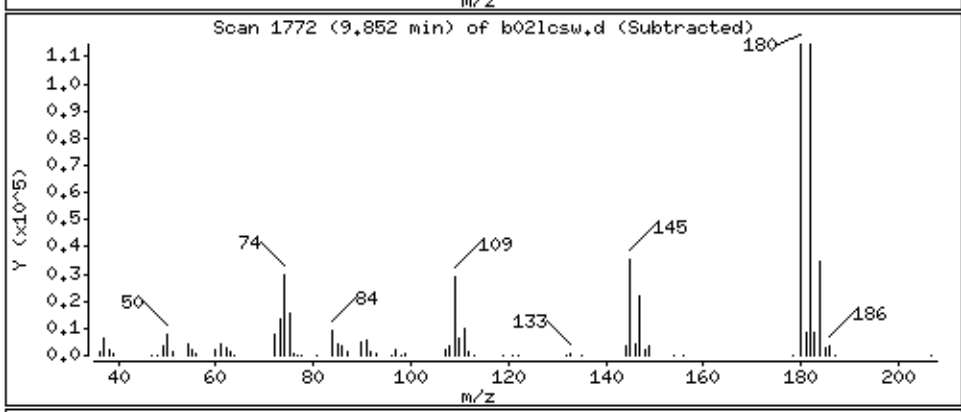
93 1,2,4-Trichlorobenzene

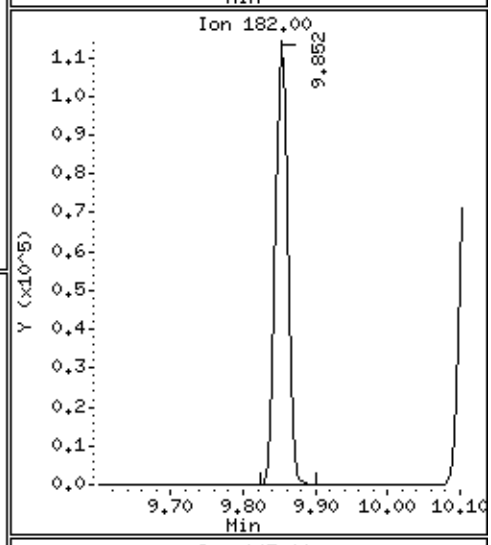
Concentration: 45.9 ppb

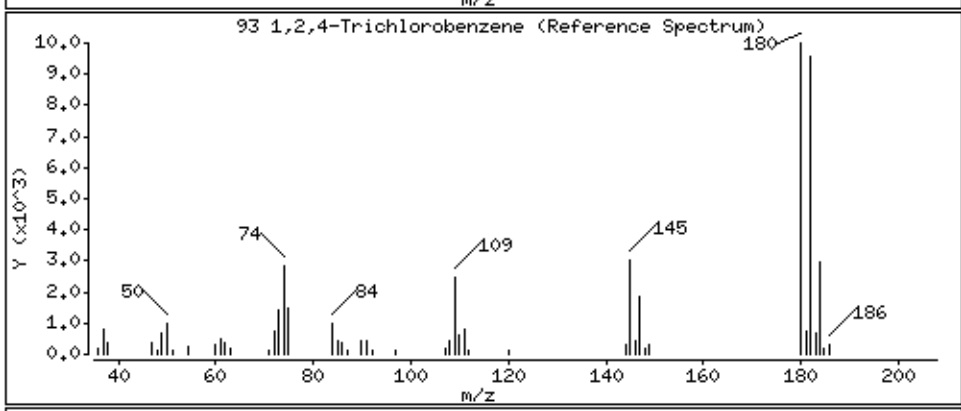
Review Code:

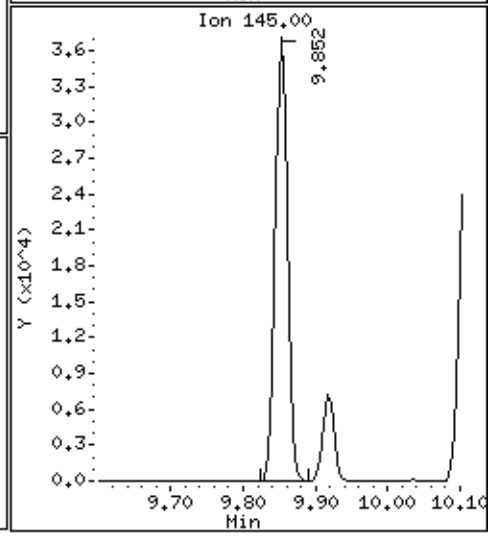


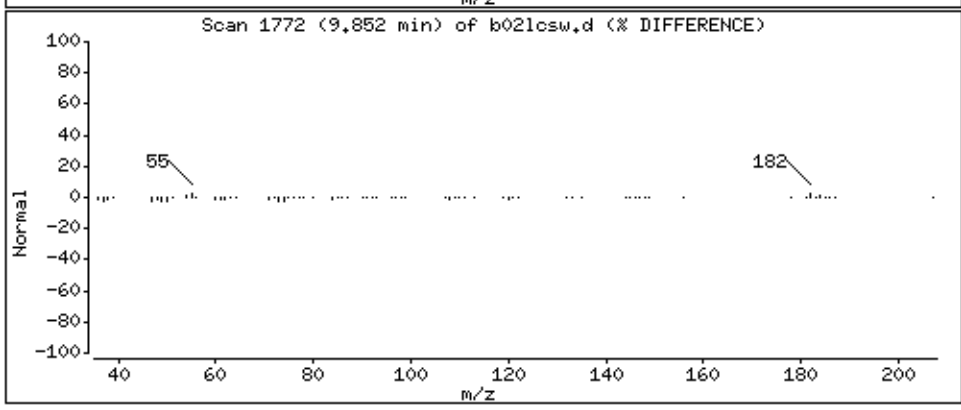












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

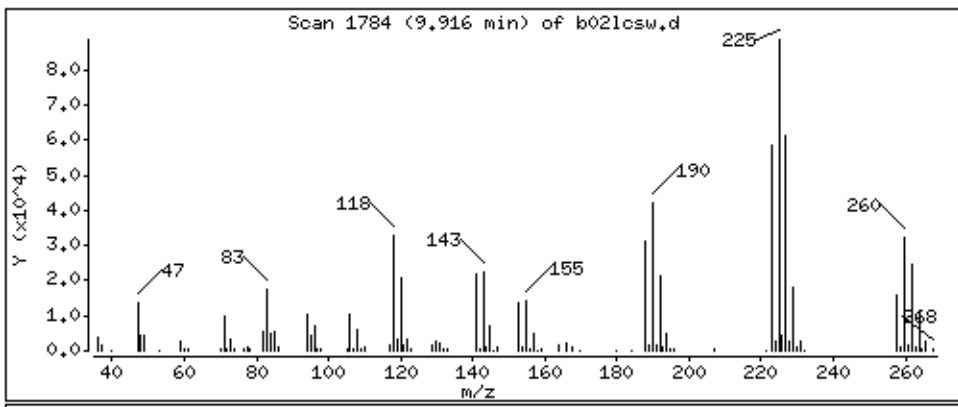
Column phase: DB-624

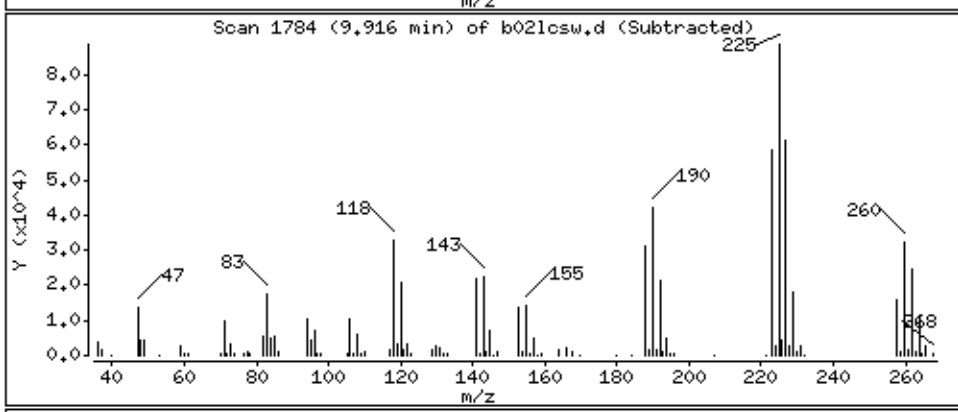
Column diameter: 0.18

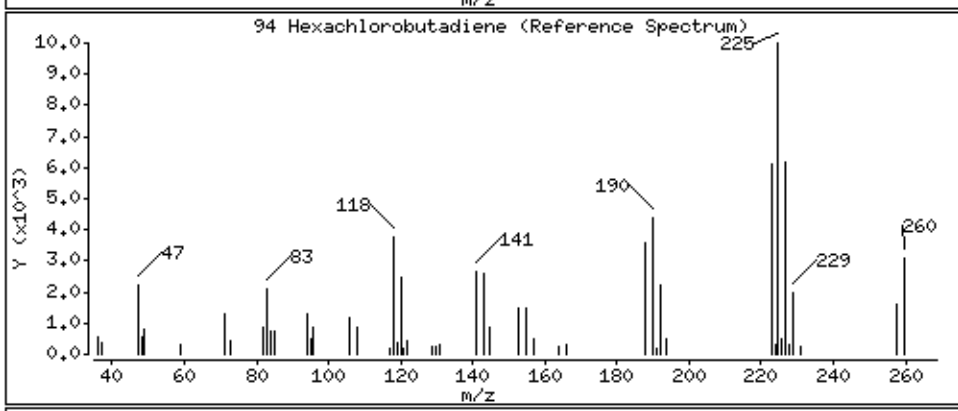
94 Hexachlorobutadiene

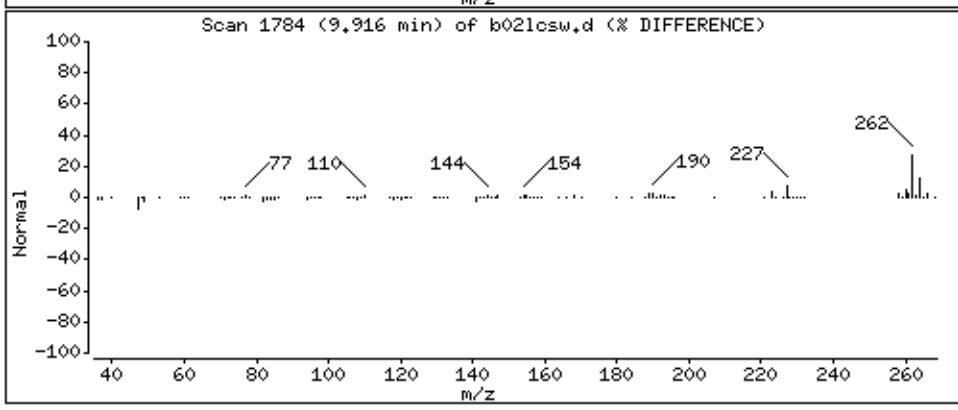
Concentration: 47.1 ppb

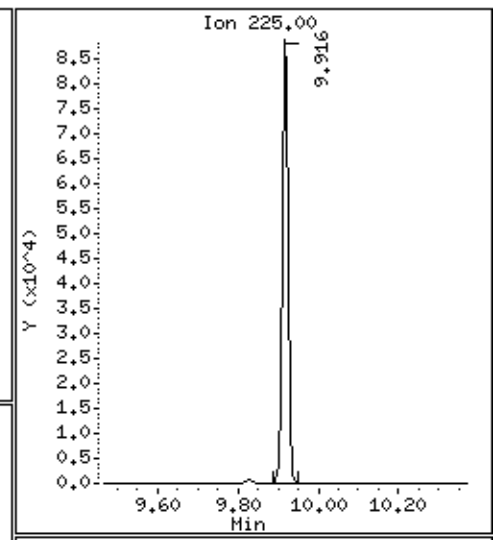
Review Code:

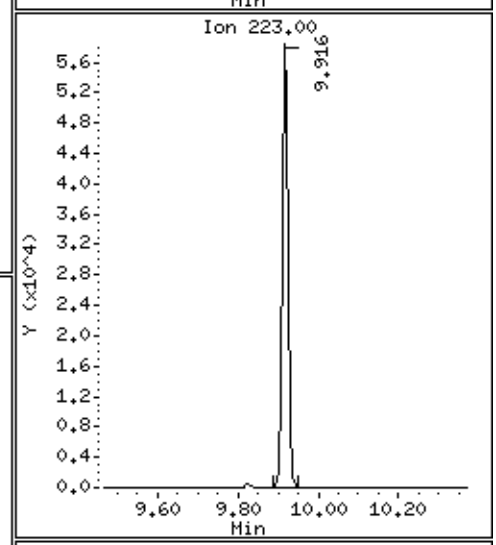


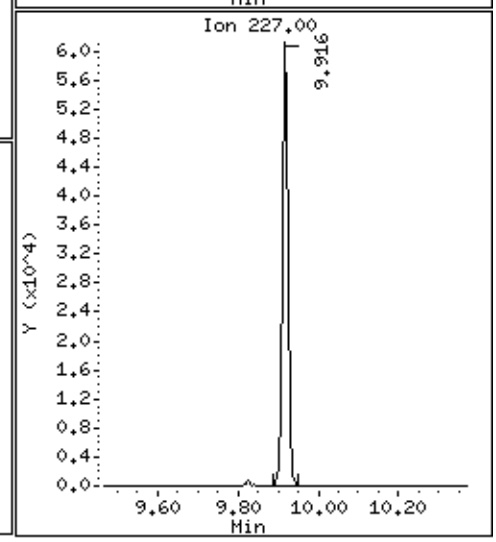












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

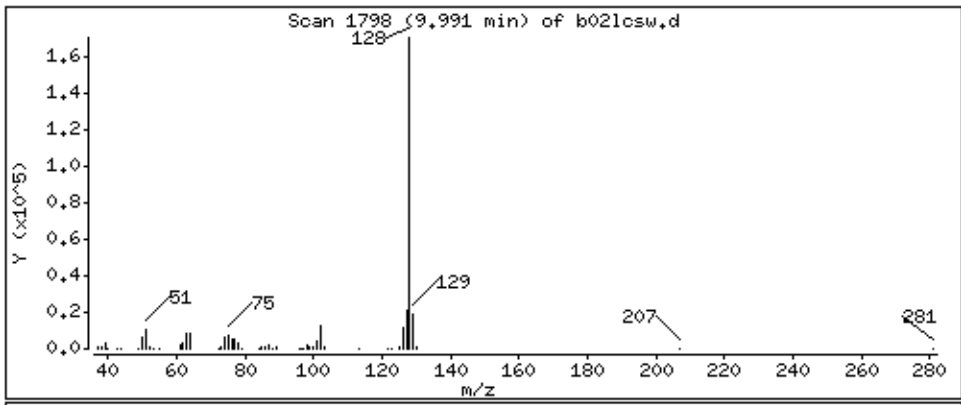
Column phase: DB-624

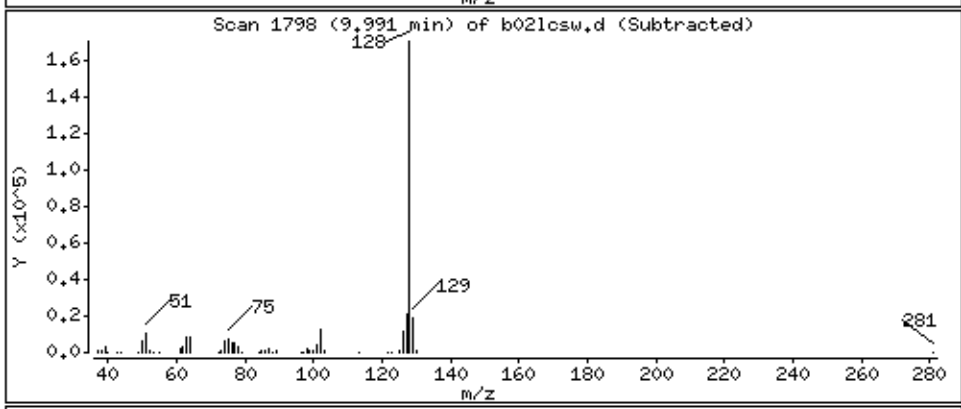
Column diameter: 0.18

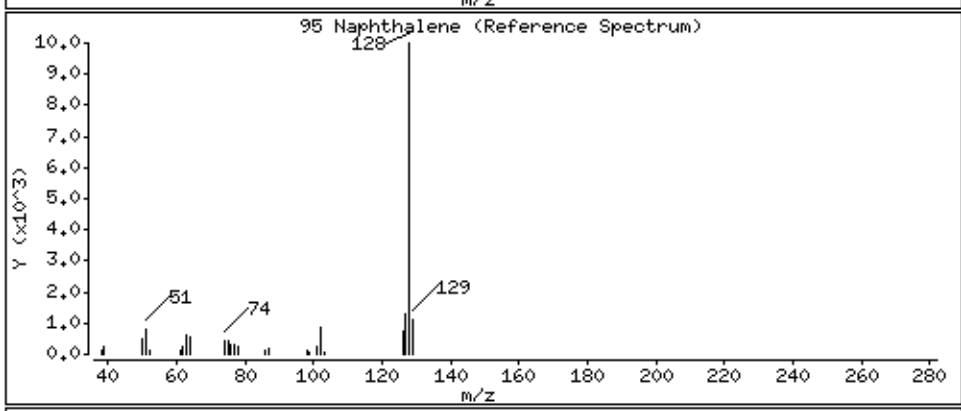
95 Naphthalene

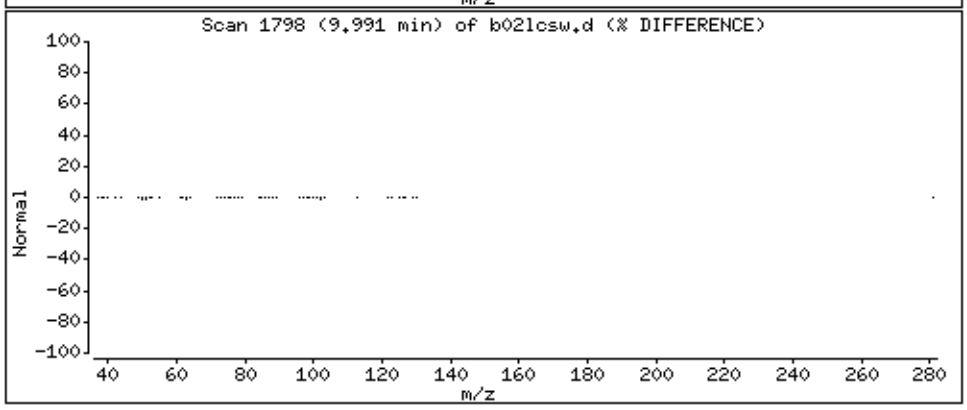
Concentration: 43.0 ppb

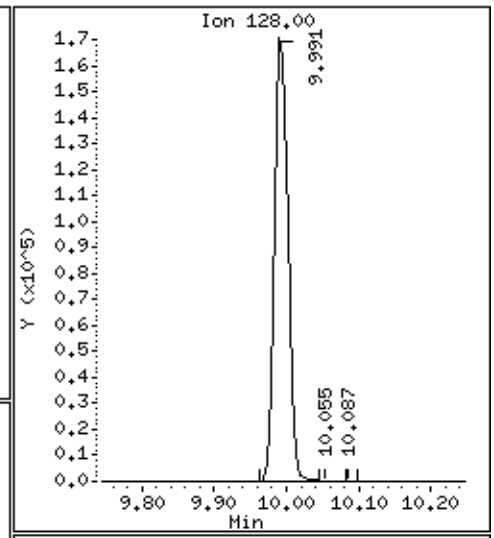
Review Code:

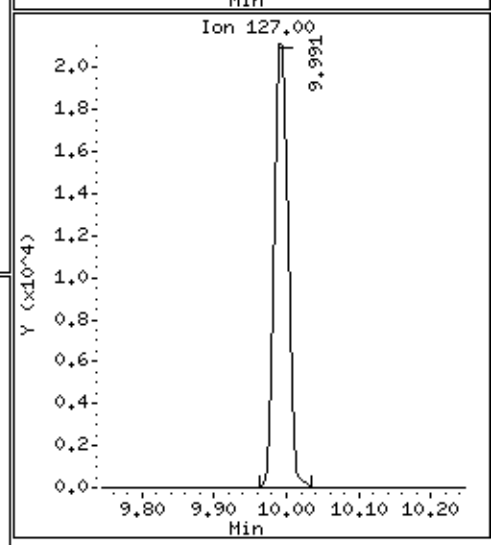












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

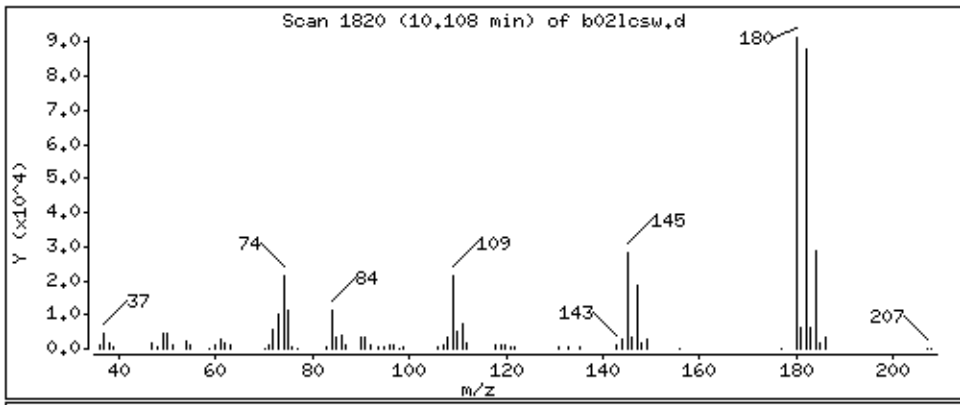
Column phase: DB-624

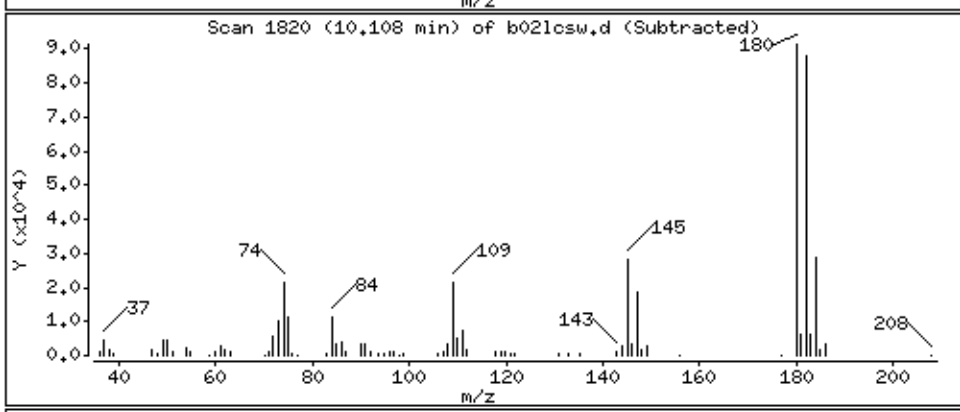
Column diameter: 0.18

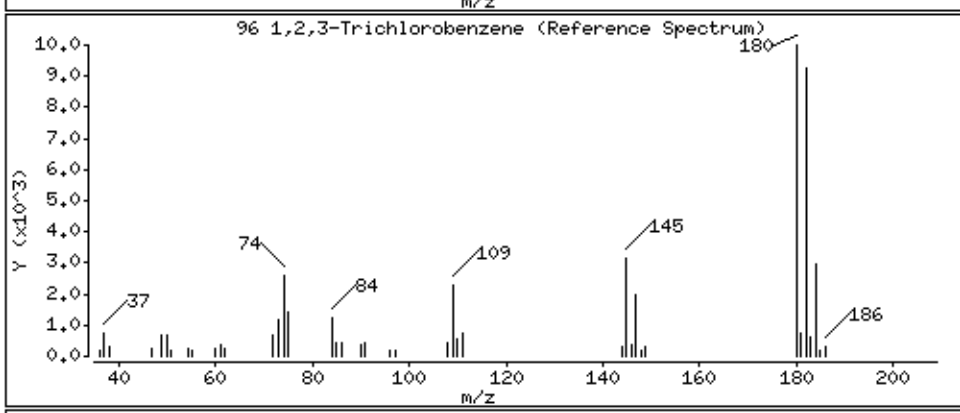
96 1,2,3-Trichlorobenzene

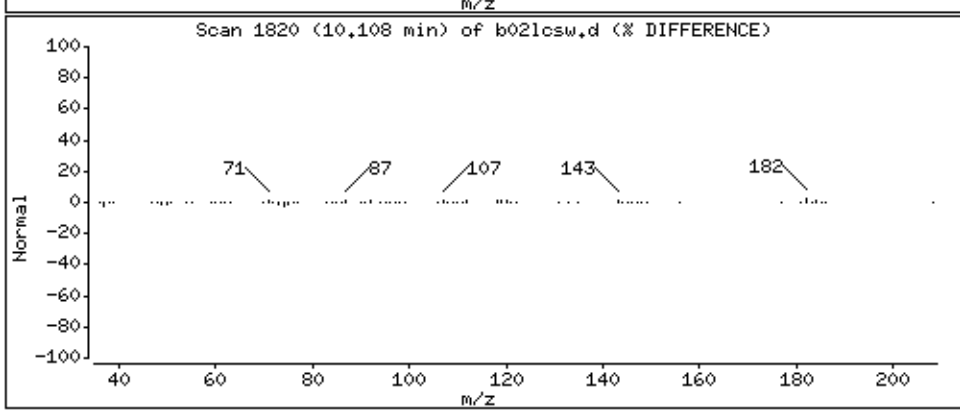
Concentration: 46.5 ppb

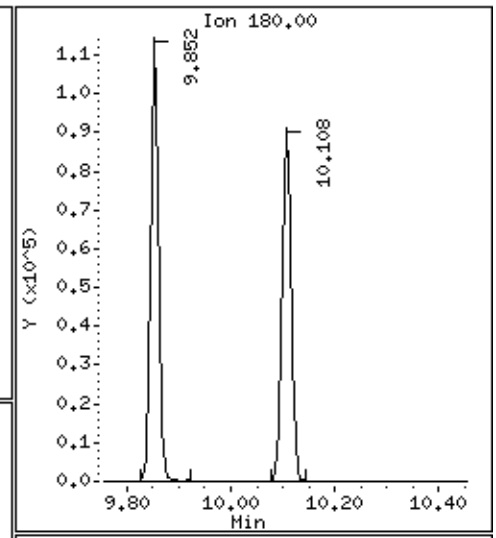
Review Code:

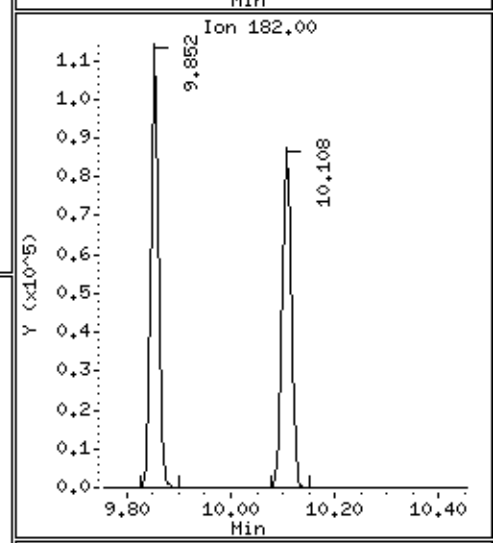


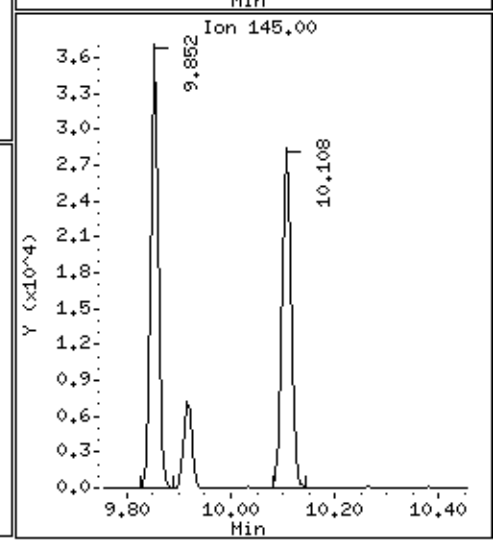












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

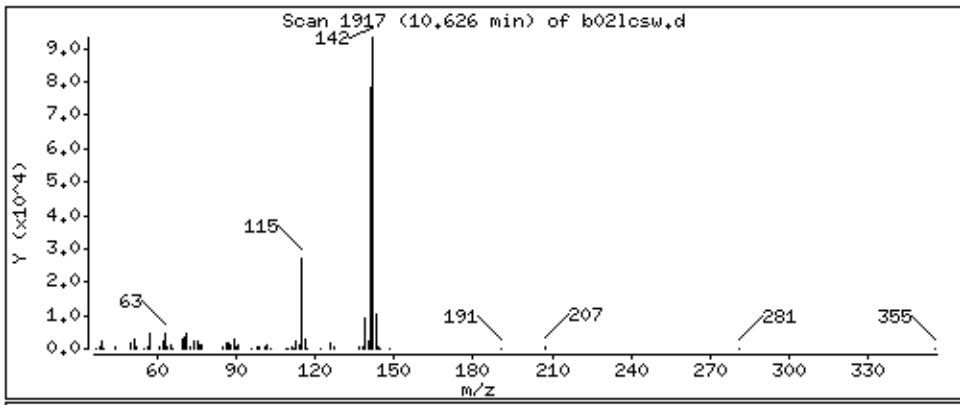
Column phase: DB-624

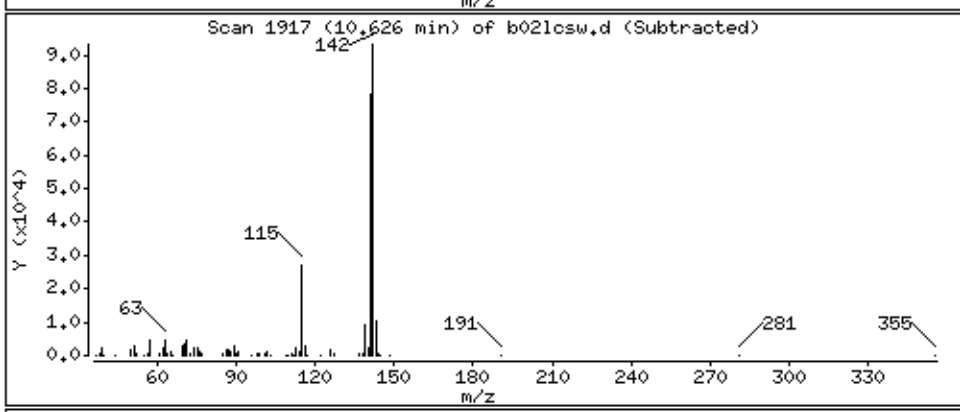
Column diameter: 0.18

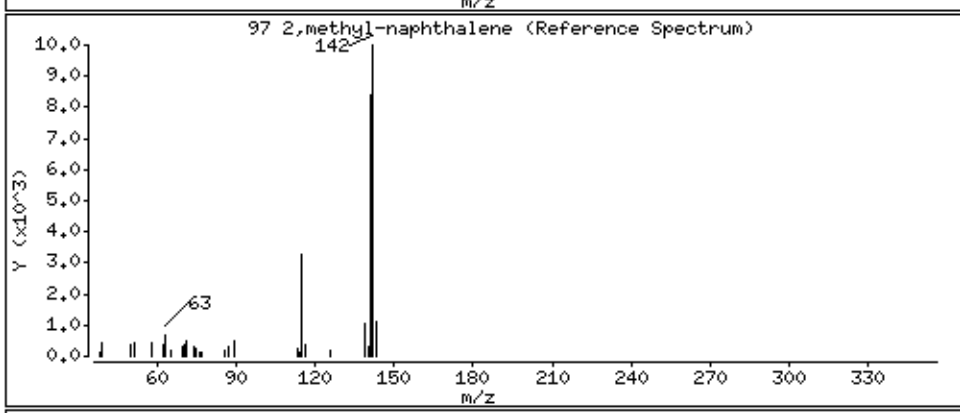
97 2,methyl-naphthalene

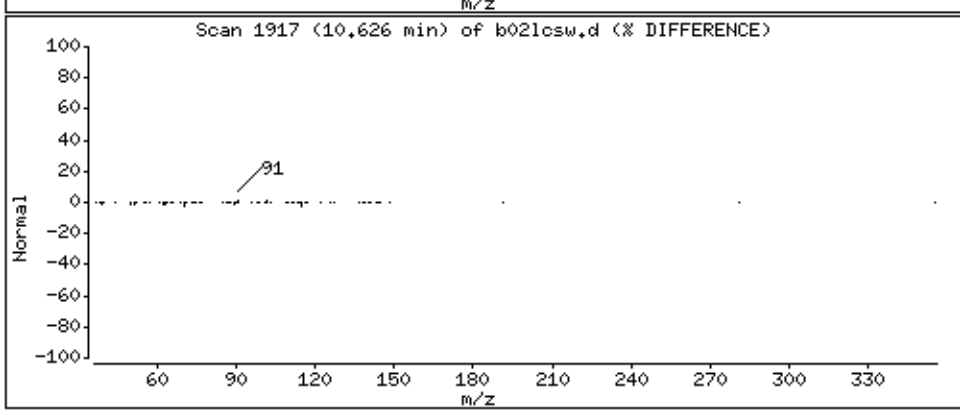
Concentration: 49.0 ppb

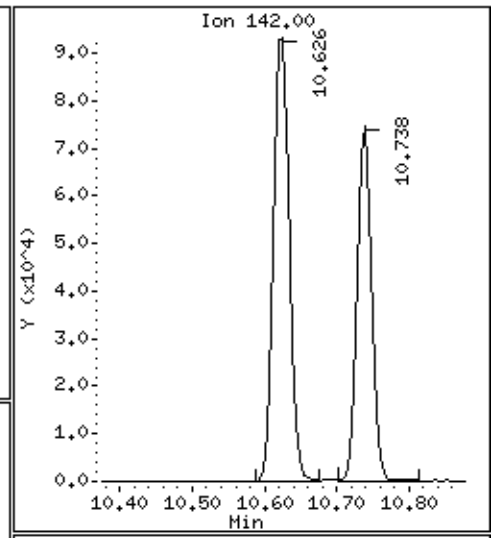
Review Code:

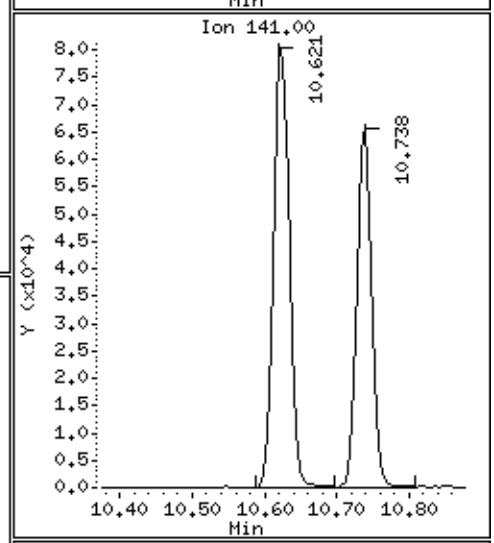


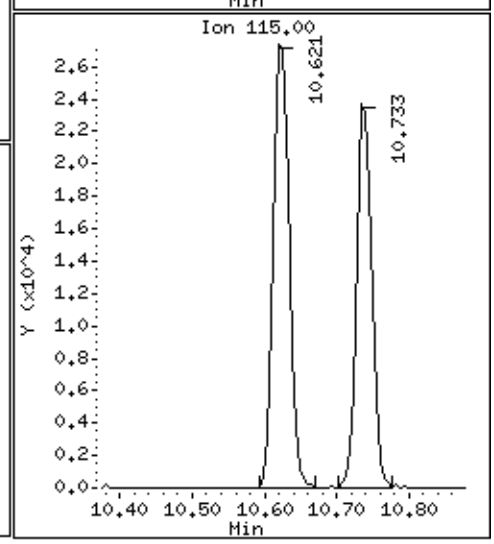












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

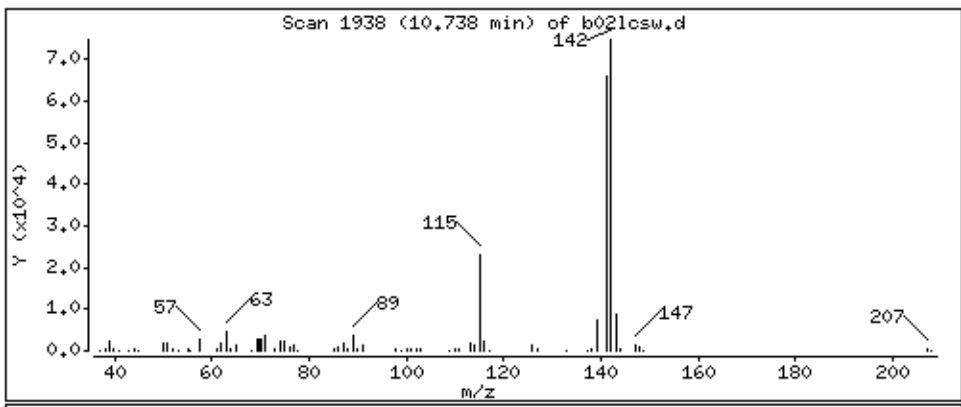
Column phase: DB-624

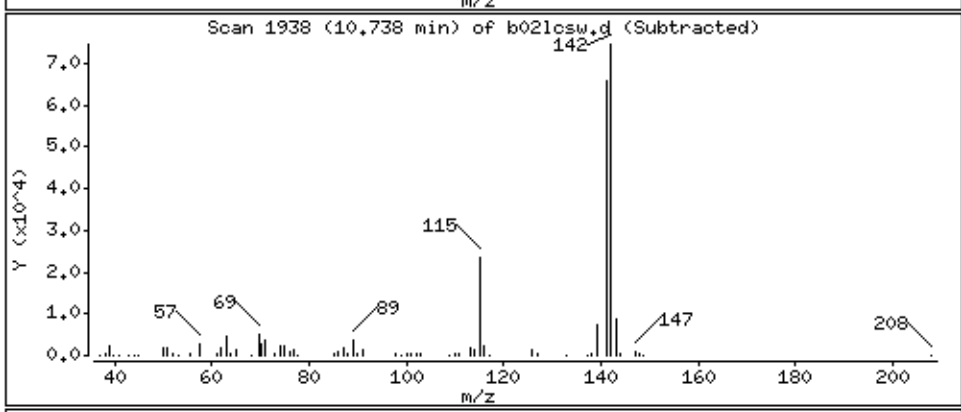
Column diameter: 0.18

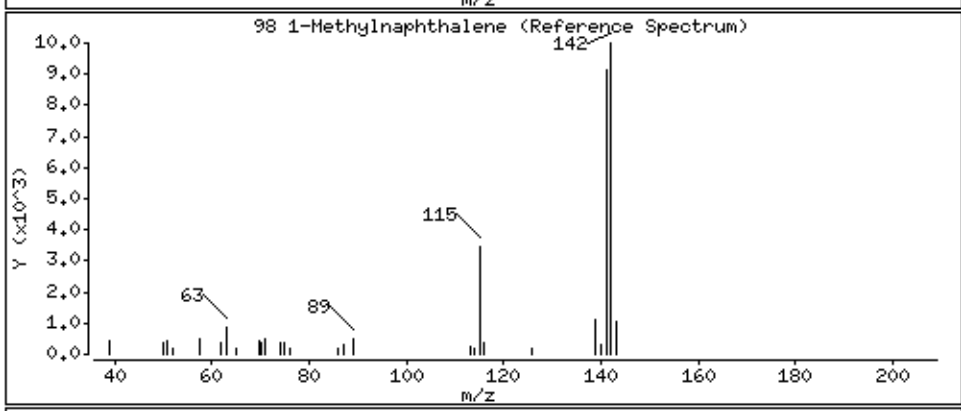
98 1-Methylnaphthalene

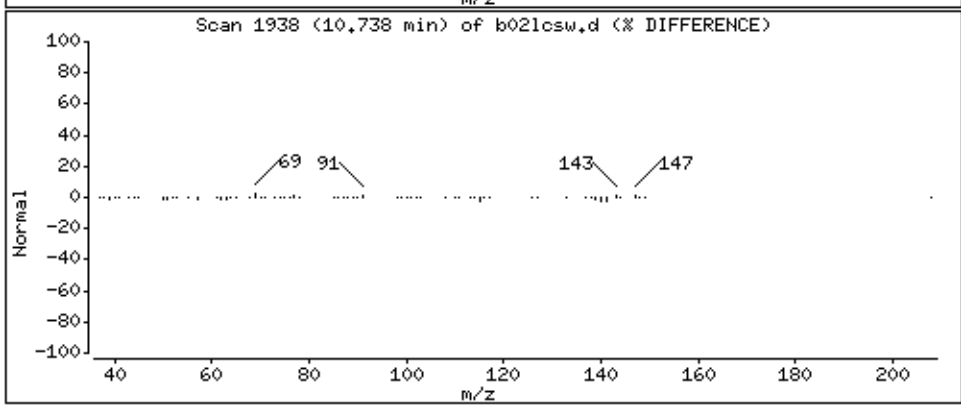
Concentration: 50.5 ppb

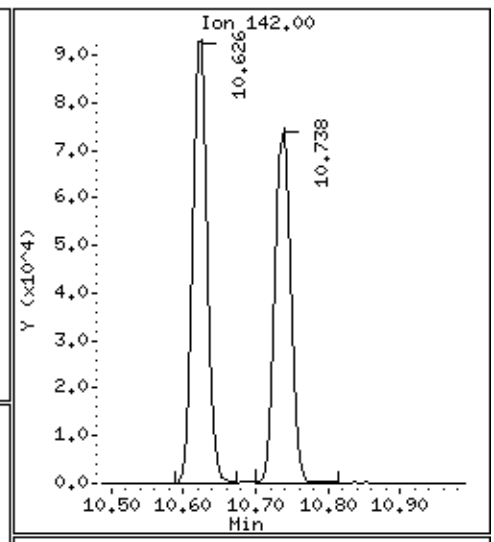
Review Code:

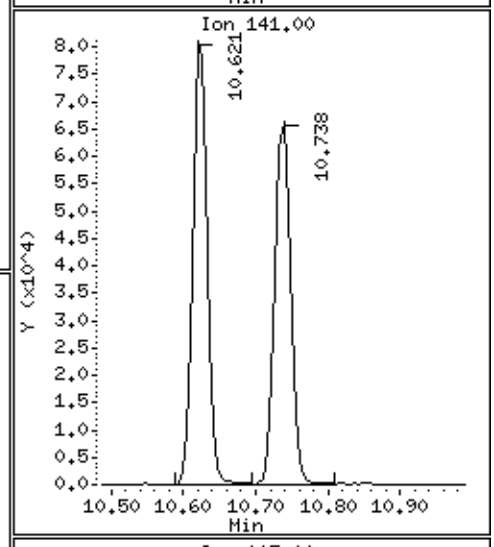


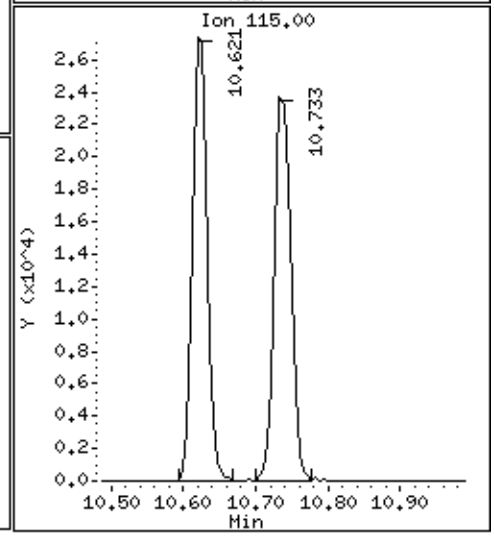












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Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

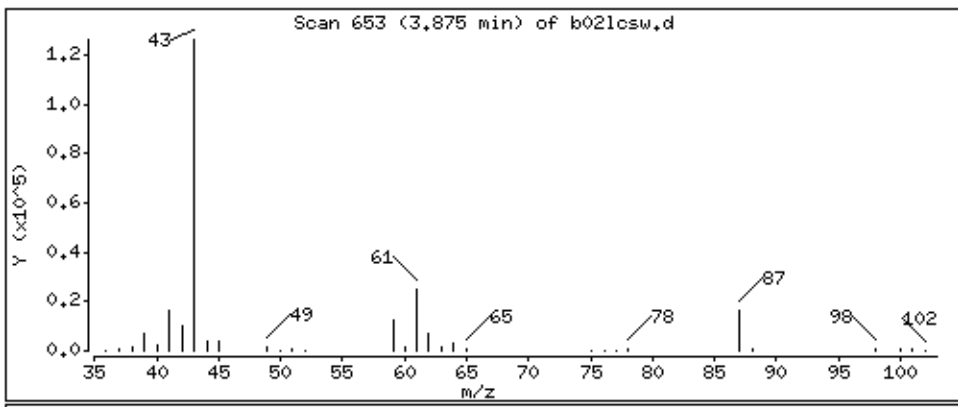
Column phase: DB-624

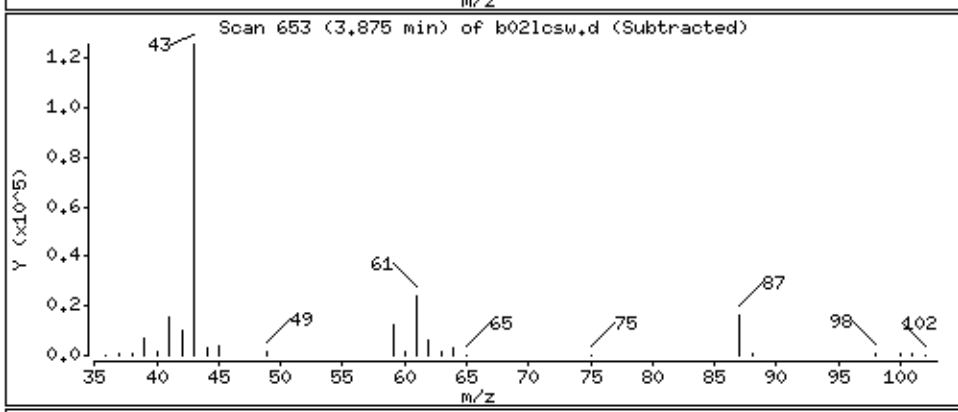
Column diameter: 0.18

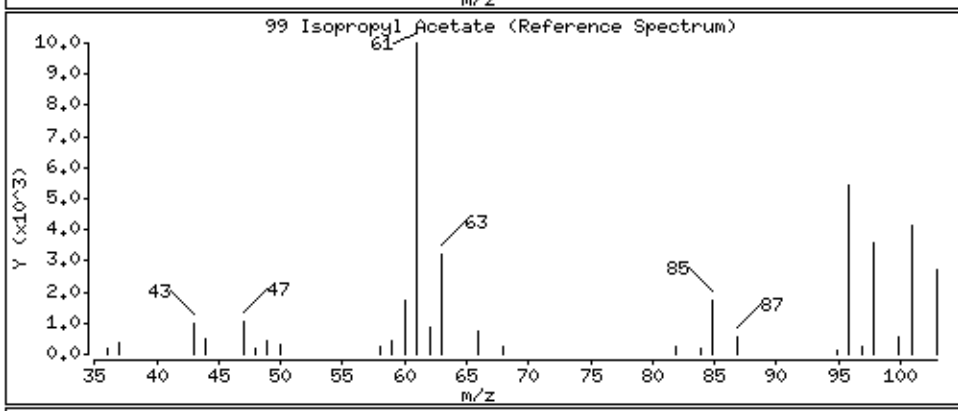
99 Isopropyl Acetate

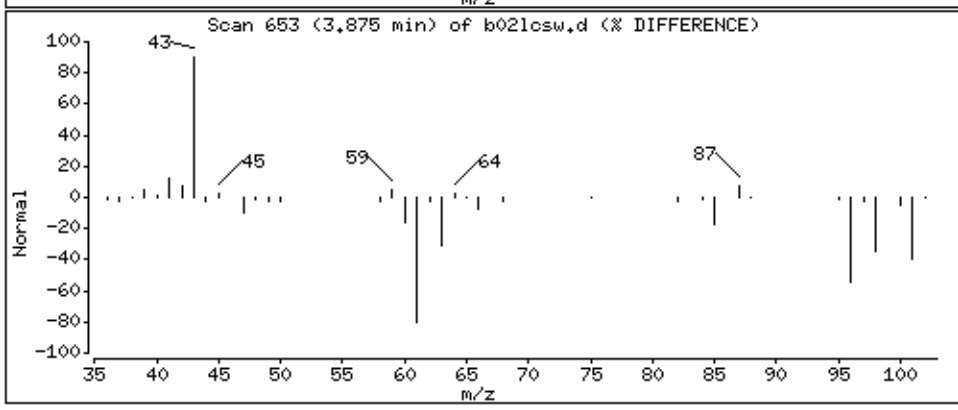
Concentration: 227 ppb

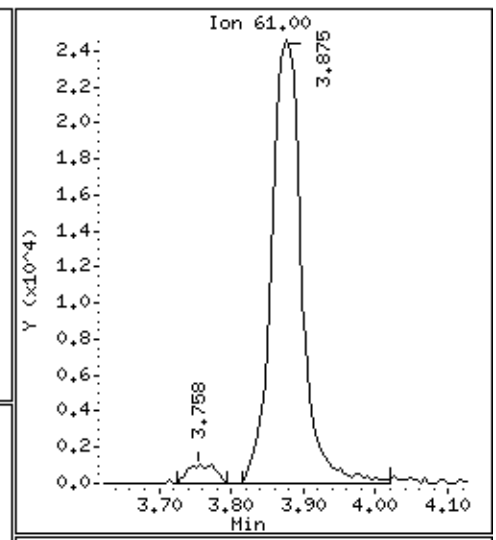
Review Code:

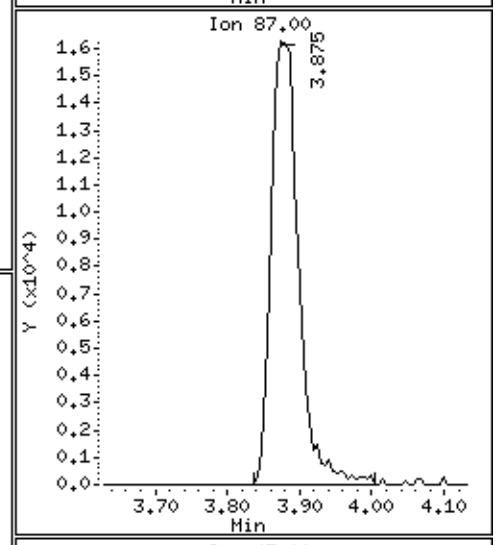


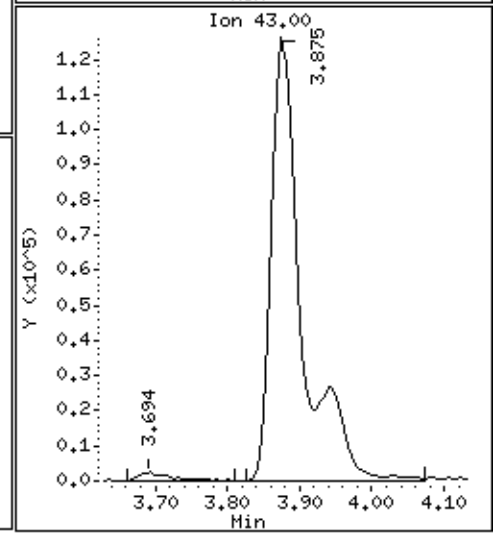












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b02lcsw.d

Date : 10-OCT-2017 12:26

Client ID:

Instrument: 50mv3b.i

Sample Info: 1884799,159793:5

Purge Volume: 5.0

Operator: jlz

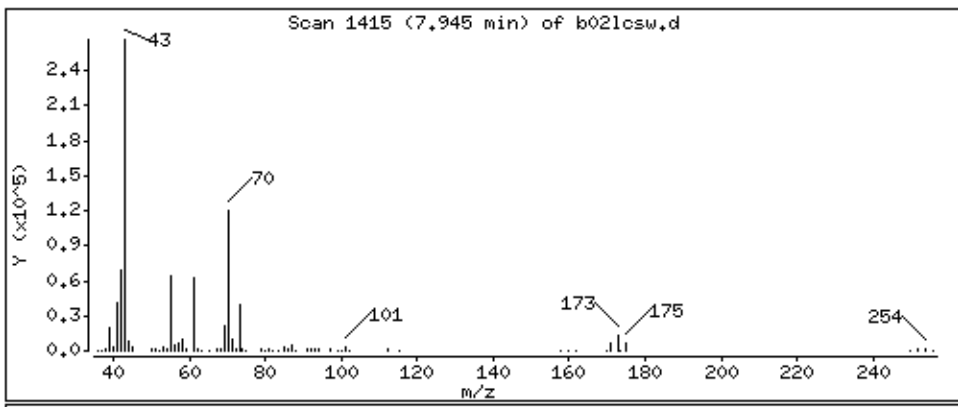
Column phase: DB-624

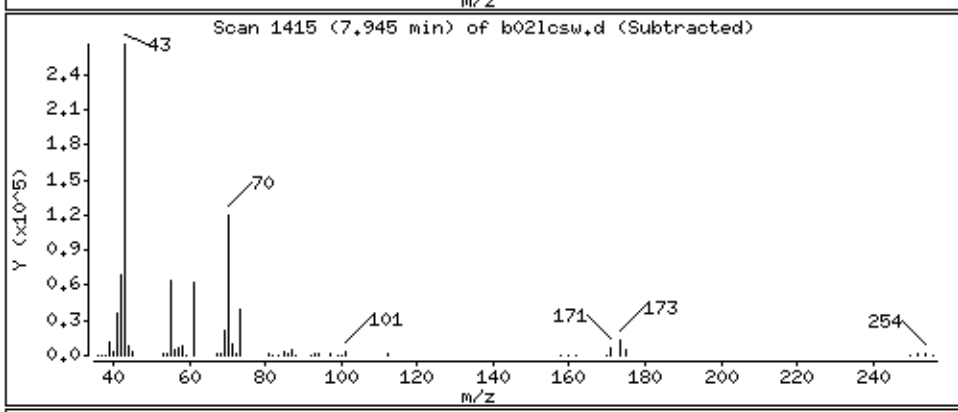
Column diameter: 0.18

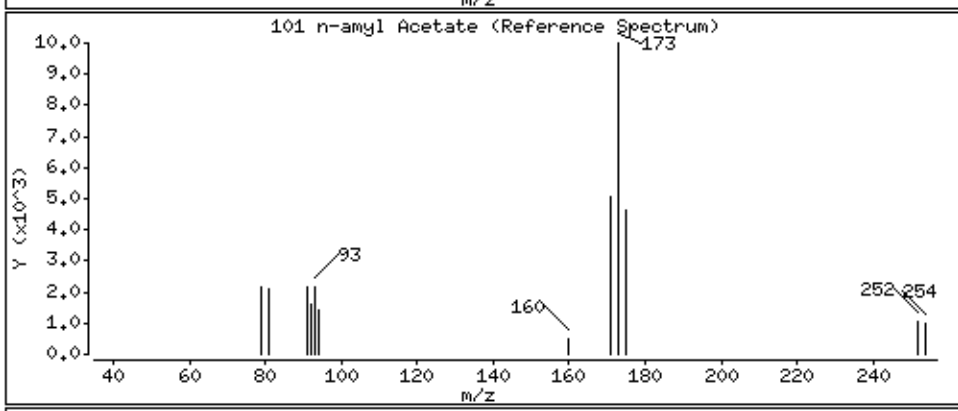
101 n-amyl Acetate

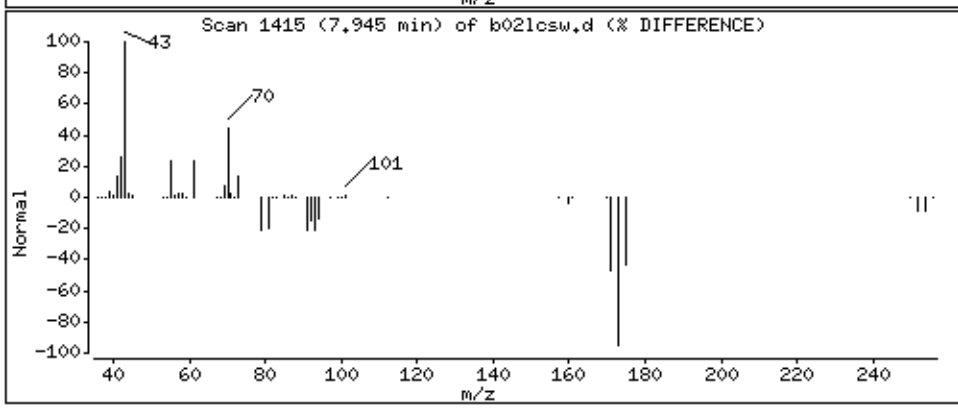
Concentration: 35.2 ppb

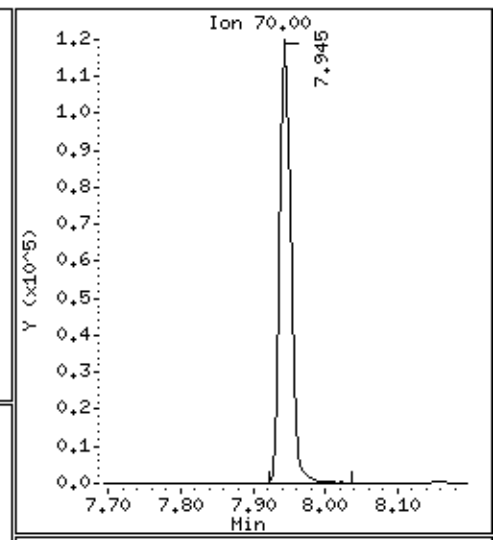
Review Code:

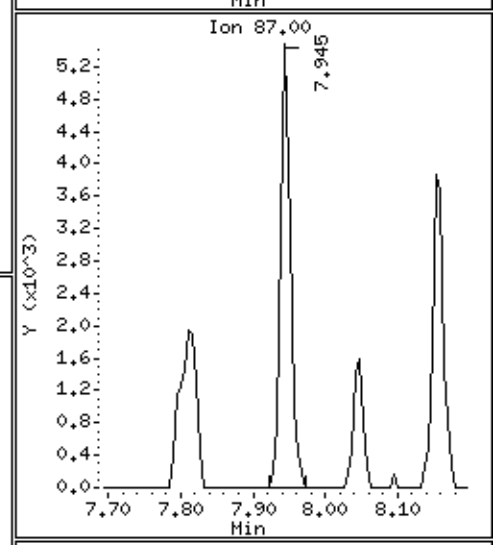


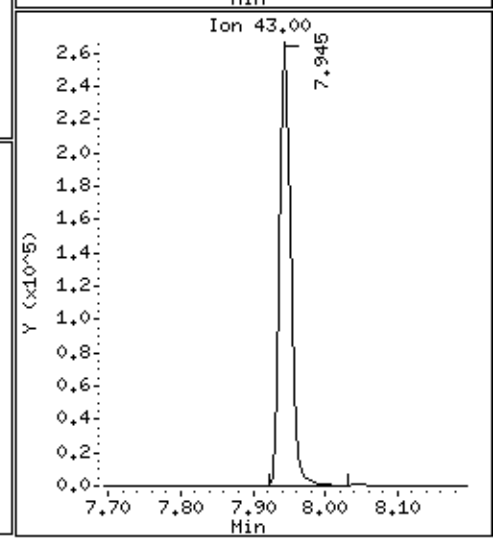












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Injection Date: 10-OCT-2017 12:26
Instrument: 50mv3b.i
Lab Sample ID: 1884799
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 22:00 Lab Sample ID: 1884800

Date Analyzed: 10/10/2017 22:00 Lab File ID: B101017.B\B20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	197	
71-43-2	Benzene	46.7	
75-27-4	Bromodichloromethane	42.6	
75-25-2	Bromoform	40.2	
74-83-9	Bromomethane	34.9	
78-93-3	2-Butanone (MEK)	250	
75-15-0	Carbon disulfide	36.8	
56-23-5	Carbon tetrachloride	40.5	
108-90-7	Chlorobenzene	47.1	
75-00-3	Chloroethane	35.6	
67-66-3	Chloroform	41.6	
74-87-3	Chloromethane	30.7	
110-82-7	Cyclohexane	38	J
96-12-8	1,2-Dibromo-3-chloropropane	50.4	
124-48-1	Dibromochloromethane	45.0	
106-93-4	1,2-Dibromoethane (EDB)	44.9	
95-50-1	1,2-Dichlorobenzene	45.0	
541-73-1	1,3-Dichlorobenzene	43.5	
106-46-7	1,4-Dichlorobenzene	42.6	
75-71-8	Dichlorodifluoromethane	27.4	
75-34-3	1,1-Dichloroethane	40.6	
107-06-2	1,2-Dichloroethane	38.4	
75-35-4	1,1-Dichloroethene	42.5	
156-59-2	cis-1,2-Dichloroethene	42.1	
156-60-5	trans-1,2-Dichloroethene	43.1	
78-87-5	1,2-Dichloropropane	44.0	
10061-01-5	cis-1,3-Dichloropropene	41.6	
10061-02-6	trans-1,3-Dichloropropene	40.6	
100-41-4	Ethylbenzene	43.1	
591-78-6	2-Hexanone	230	
98-82-8	Isopropylbenzene (Cumene)	45.7	
79-20-9	Methyl acetate	69.4	
108-87-2	Methylcyclohexane	40.3	J
75-09-2	Methylene Chloride	49.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	204	
1634-04-4	Methyl-tert-butyl ether	39.2	
100-42-5	Styrene	41.9	

SAMPLE NO.

MS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 22:00 Lab Sample ID: 1884800

Date Analyzed: 10/10/2017 22:00 Lab File ID: B101017.B\B20.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	41.3	
127-18-4	Tetrachloroethene	45.0	
108-88-3	Toluene	44.0	
120-82-1	1,2,4-Trichlorobenzene	42.0	
71-55-6	1,1,1-Trichloroethane	39.6	
79-00-5	1,1,2-Trichloroethane	42.3	
79-01-6	Trichloroethene	43.2	
75-69-4	Trichlorofluoromethane	41.3	
76-13-1	1,1,2-Trichlorotrifluoroethane	40.8	
75-01-4	Vinyl chloride	36.1	
1330-20-7	Xylene (Total)	129	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d
Lab Smp Id: 1884800 Client Smp ID: MW-0602-S1 (092717)
Inj Date : 10-OCT-2017 22:00
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1884800,159793:5
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 42 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1	Dichlorodifluoromethane	85	0.918	0.920	(0.221)	62449	27.3923	27.4	
2	Chloromethane	50	0.998	1.000	(0.240)	85138	30.6834	30.7	
3	Vinyl Chloride	62	1.046	1.048	(0.251)	102027	36.0853	36.1	
4	Bromomethane	94	1.191	1.192	(0.286)	42973	34.9084	34.9	
5	Chloroethane	64	1.239	1.235	(0.297)	62705	35.6395	35.6	
6	Trichlorofluoromethane	101	1.351	1.352	(0.324)	128988	41.3248	41.3	
7	Diethyl ether	74	1.474	1.475	(0.354)	34524	40.4067	40.4	
8	1,2-dichlorotrifluoroethane	67	1.490	1.491	(0.358)	100159	36.3758	36.4	
9	Acrolein	56	1.543	1.545	(0.371)	139538	937.113	937	
10	1,1,2trichlorotrifluoroethane	101	1.597	1.598	(0.383)	91582	40.7944	40.8	
11	1,1-Dichloroethene	96	1.602	1.603	(0.385)	76190	42.5299	42.5	
12	Acetone	43	1.613	1.609	(0.387)	53382	197.075	197	
13	Iodomethane	142	1.687	1.689	(0.405)	177924	87.9698	88.0	
14	Carbon Disulfide	76	1.735	1.737	(0.417)	237231	36.8212	36.8	
15	Methyl Acetate	43	1.784	1.780	(0.428)	49449	69.4155	69.4	
16	allyl chloride	41	1.794	1.796	(0.431)	231678	83.0616	83.1	
17	Acetonitrile	39	1.794	1.796	(0.431)	150955	36.2172	36.2	
18	Methylene Chloride	84	1.869	1.870	(0.449)	82823	49.4739	49.5	
19	tert-Butyl Alcohol	59	1.912	1.913	(0.459)	8434	71.5440	71.5(Q)	
20	Acrylonitrile	53	2.003	2.004	(0.481)	52313	170.076	170	
21	Methyl-tert-butyl ether	73	2.029	2.031	(0.487)	152327	39.1652	39.2	
22	1,2-Dichloroethene (trans)	96	2.045	2.041	(0.491)	84989	43.1170	43.1	
23	n-Hexane	57	2.227	2.228	(0.535)	145452	38.1728	38.2	

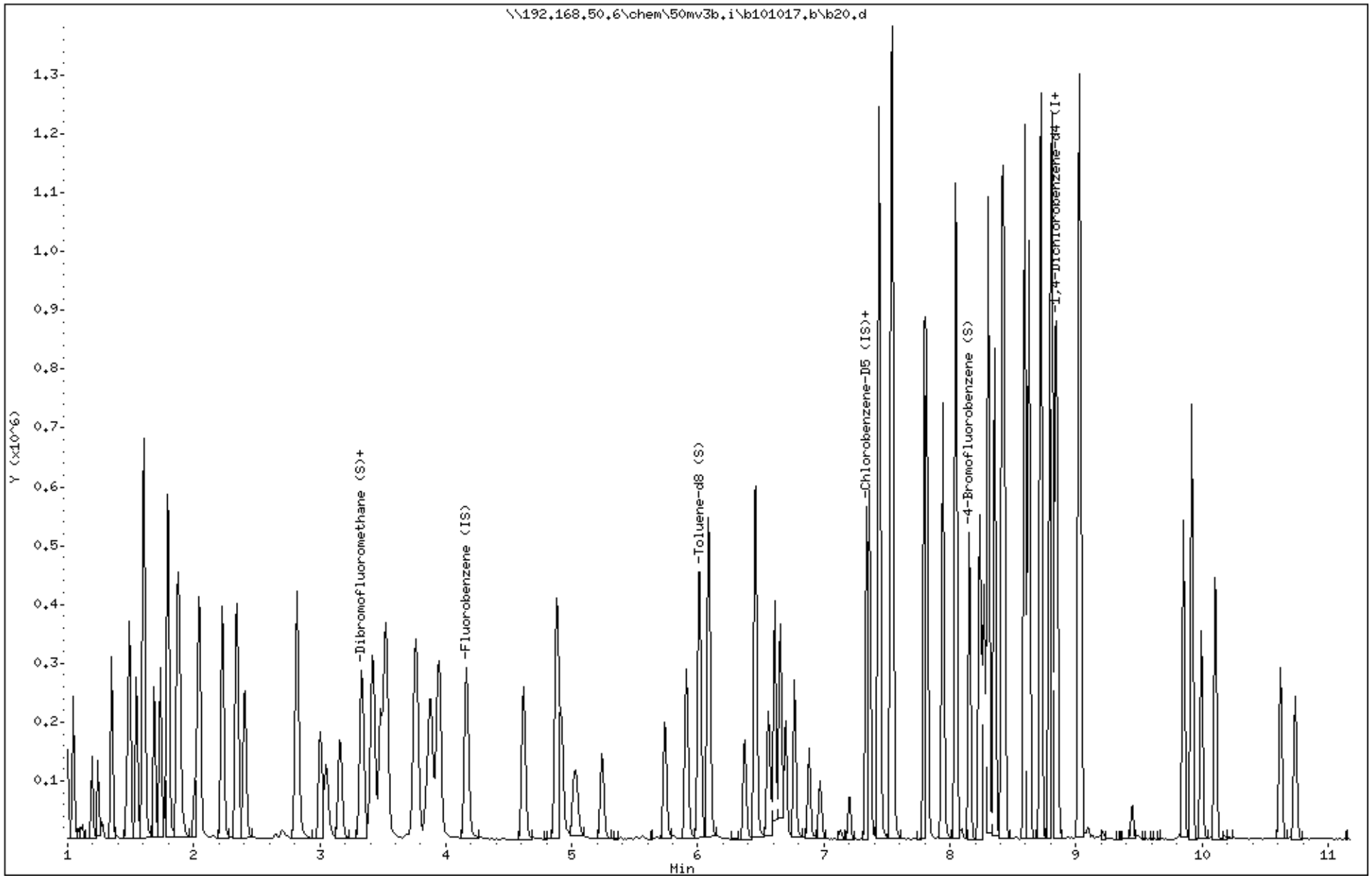
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	24 Vinyl Acetate	43	2.334	2.335	(0.560)	306654	130.970	131(R)	
	25 1,1-Dichloroethane	63	2.344	2.346	(0.563)	139782	40.5691	40.6	
	26 Chloroprene	53	2.403	2.399	(0.577)	125688	37.2174	37.2	
	27 2-Butanone	72	2.804	2.805	(0.673)	21742	249.811	250(Q)	
	28 1,2-Dichloroethene (cis)	96	2.820	2.816	(0.677)	87166	42.0928	42.1(Q)	
	29 2,2-Dichloropropane	77	2.820	2.821	(0.677)	115353	36.1352	36.1	
	31 Methacrylonitrile	41	3.001	3.008	(0.721)	96215	177.629	178	
	32 Bromochloromethane	49	3.049	3.051	(0.732)	50953	41.7285	41.7	
	33 Tetrahydrofuran	42	3.071	3.077	(0.737)	8951	32.8534	32.8	
	34 Chloroform	83	3.156	3.158	(0.758)	137703	41.5669	41.6	
$	35 Dibromofluoromethane (S)	113	3.332	3.334	(0.800)	68436	46.9504	47.0	
	36 1,1,1-Trichloroethane	97	3.332	3.334	(0.800)	132390	39.5925	39.6	
	37 Cyclohexane	56	3.418	3.419	(0.821)	159560	37.9623	38.0	
	151 n-Butyl chloride	56	3.482	3.478	(0.836)	187121	43.1822	43.2	
	38 Carbon Tetrachloride	117	3.519	3.515	(0.845)	116125	40.5473	40.5	
	39 1,1-Dichloropropene	75	3.525	3.526	(0.846)	125174	43.1670	43.2	
	40 Benzene	78	3.765	3.761	(0.904)	344503	46.6628	46.7	
	41 1,2-Dichloroethane	62	3.851	3.847	(0.924)	72402	38.3647	38.4	
	42 Isobutyl alcohol	43	3.877	3.879	(0.931)	351092	44.4573	44.4	
	43 2,2,4-Trimethylpentane	57	3.941	3.943	(0.946)	372877	43.0962	43.1	
*	44 Fluorobenzene (IS)	96	4.166	4.162	(1.000)	302677	50.0000		
	45 Trichloroethene	95	4.614	4.610	(1.108)	88049	43.1940	43.2	
	46 Methylcyclohexane	55	4.881	4.877	(1.172)	133178	40.2587	40.2	
	47 1,2-Dichloropropane	63	4.913	4.915	(1.179)	76713	43.9957	44.0	
	48 Methyl methacrylate	69	5.036	5.032	(1.209)	31419	45.5827	45.6	
	49 Dibromomethane	93	5.015	5.016	(1.204)	32534	43.8320	43.8	
	50 1,4-Dioxane	88	5.026	5.027	(1.206)	9422	968.608	969	
	51 Bromodichloromethane	83	5.239	5.241	(1.258)	93166	42.6052	42.6	
	53 cis-1,3-Dichloropropene	75	5.736	5.737	(0.782)	107654	41.5749	41.6	
	54 4-Methyl-2-Pentanone	43	5.912	5.908	(0.806)	179065	204.392	204	
$	55 Toluene-d8 (S)	98	6.008	6.010	(0.819)	298088	49.4851	49.5	
	56 Toluene	91	6.083	6.084	(0.829)	379036	43.9657	44.0	
	57 trans-1,3-Dichloropropene	75	6.372	6.368	(0.868)	83514	40.5977	40.6	
	58 Ethyl Methacrylate	69	6.457	6.458	(0.880)	272458	176.661	177	
	59 1,1,2-Trichloroethane	83	6.553	6.554	(0.893)	42400	42.2711	42.3	
	60 Tetrachloroethene	166	6.607	6.608	(0.900)	100834	45.0131	45.0	
	61 1,3-Dichloropropane	76	6.697	6.693	(0.913)	92355	48.4113	48.4	
	62 2-Hexanone	43	6.767	6.768	(0.922)	130678	230.259	230	
	63 Dibromochloromethane	129	6.879	6.880	(0.937)	62830	45.0197	45.0	
	64 1,2-Dibromoethane	107	6.964	6.966	(0.949)	48156	44.8587	44.8	
*	65 Chlorobenzene-D5 (IS)	117	7.338	7.334	(1.000)	228207	50.0000		
	66 Chlorobenzene	112	7.360	7.356	(1.003)	240938	47.1052	47.1	
	67 1,1,1,2-Tetrachloroethane	131	7.434	7.436	(1.013)	79083	45.5612	45.6	
	68 Ethylbenzene	106	7.440	7.441	(1.014)	150442	43.1055	43.1	
	69 m&p-Xylene	106	7.541	7.537	(1.028)	358987	85.0410	85.0	
	70 o-Xylene	106	7.798	7.799	(1.063)	168856	43.7853	43.8	
	71 Styrene	104	7.819	7.815	(1.065)	274079	41.9329	41.9	
	72 Bromoform	173	7.936	7.932	(0.898)	33188	40.1699	40.2	
	73 Isopropylbenzene	105	8.043	8.045	(1.096)	499564	45.7226	45.7	
$	74 4-Bromofluorobenzene (S)	95	8.155	8.157	(1.111)	110158	48.6724	48.7	
	75 Bromobenzene	77	8.236	8.232	(1.122)	139230	41.9806	42.0	
	76 1,1,2,2-Tetrachloroethane	83	8.246	8.248	(0.933)	57085	41.3498	41.3	
	77 trans-1,4-Dichloro-2-butene	53	8.268	8.269	(1.127)	45120	140.445	140(Q)	
	78 1,2,3-Trichloropropane	110	8.278	8.274	(0.937)	19092	47.2822	47.3(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	n-Propylbenzene	91	8.305	8.301	(0.940)	554517	41.4777	41.5	
80	2-Chlorotoluene	91	8.353	8.354	(0.946)	309026	40.9145	40.9	
81	1,3,5-Trimethylbenzene	105	8.412	8.413	(0.952)	389682	41.7513	41.8	
82	4-Chlorotoluene	126	8.428	8.429	(0.954)	104855	43.0104	43.0	
83	tert-Butylbenzene	119	8.593	8.595	(0.973)	389521	35.9612	36.0	
84	1,2,4-Trimethylbenzene	105	8.625	8.627	(0.976)	393463	41.4773	41.5	
85	sec-Butylbenzene	105	8.722	8.718	(0.987)	576316	43.2082	43.2	
86	1,3-Dichlorobenzene	146	8.786	8.787	(0.995)	199121	43.5464	43.5	
87	p-Isopropyltoluene	119	8.807	8.803	(0.997)	457984	42.3435	42.3	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.834	8.835	(1.000)	122102	50.0000		
89	1,4-Dichlorobenzene	146	8.844	8.846	(1.001)	198416	42.5566	42.6	
90	n-Butylbenzene	91	9.026	9.022	(1.022)	399511	39.7302	39.7	
91	1,2-Dichlorobenzene	146	9.037	9.038	(1.023)	174962	44.9991	45.0	
92	1,2-Dibromo-3-chloropropane	155	9.448	9.444	(1.070)	10809	50.4035	50.4(Q)	
93	1,2,4-Trichlorobenzene	180	9.854	9.850	(1.115)	122825	41.9744	42.0	
94	Hexachlorobutadiene	225	9.918	9.919	(1.123)	99449	45.4320	45.4	
95	Naphthalene	128	9.993	9.994	(1.131)	212751	42.6729	42.7	
96	1,2,3-Trichlorobenzene	180	10.105	10.106	(1.144)	106375	43.5329	43.5	
97	2,methyl-naphthalene	142	10.623	10.624	(1.203)	127481	44.7860	44.8	
98	1-Methylnaphthalene	142	10.741	10.736	(1.216)	105625	47.9134	47.9	
99	Isopropyl Acetate	61	3.883	3.873	(0.932)	71538	226.471	226	
101	n-amyl Acetate	70	7.942	7.943	(1.906)	107829	31.2924	31.3	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d
Date : 10-OCT-2017 22:00
Client ID: MW-0602-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 1884800,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

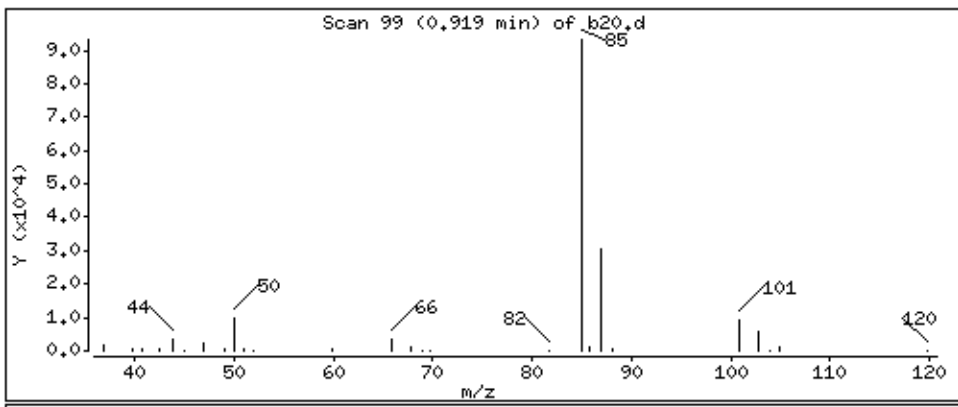
Column phase: DB-624

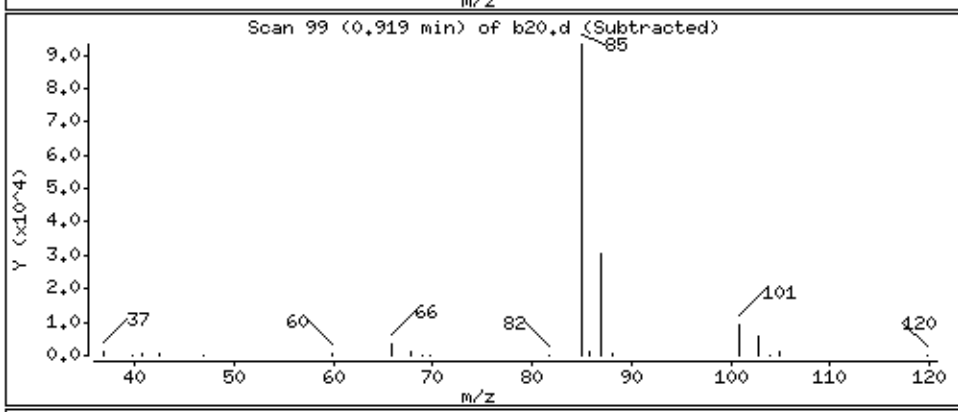
Column diameter: 0.18

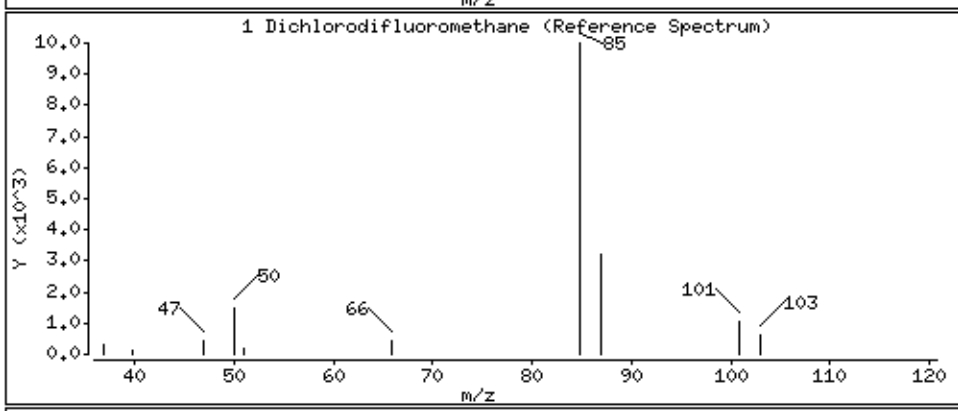
1 Dichlorodifluoromethane

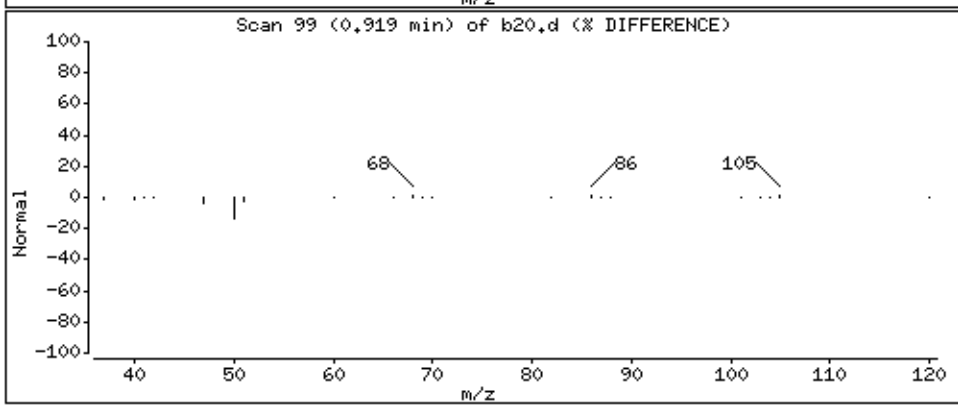
Concentration: 27.4 ppb

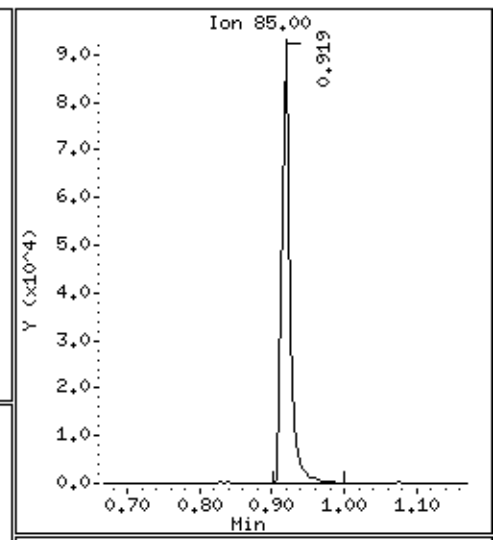
Review Code:

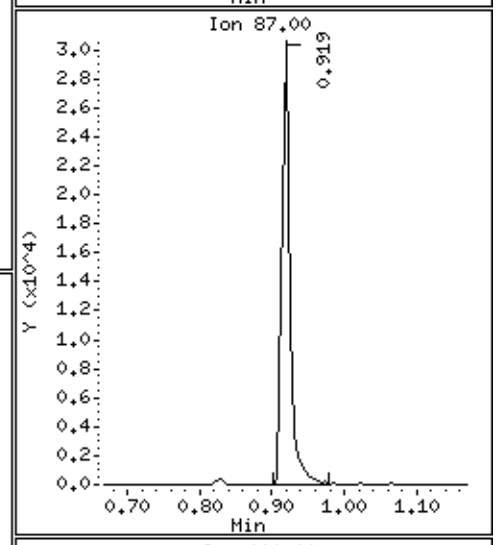


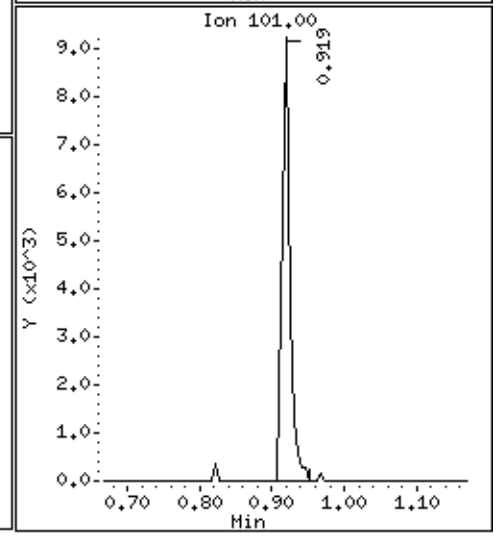












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

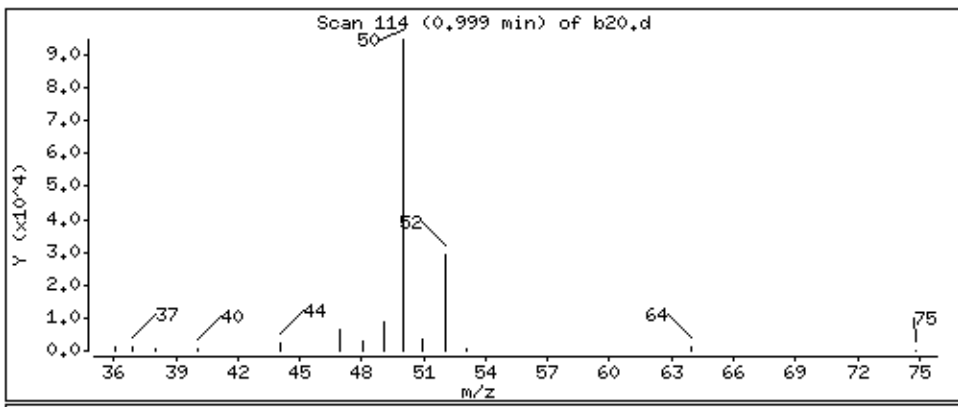
Column phase: DB-624

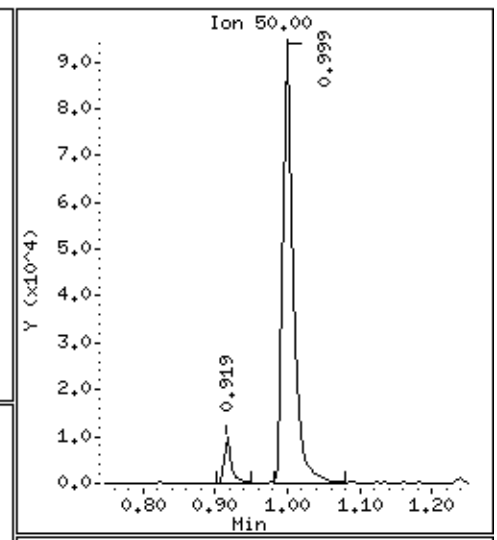
Column diameter: 0.18

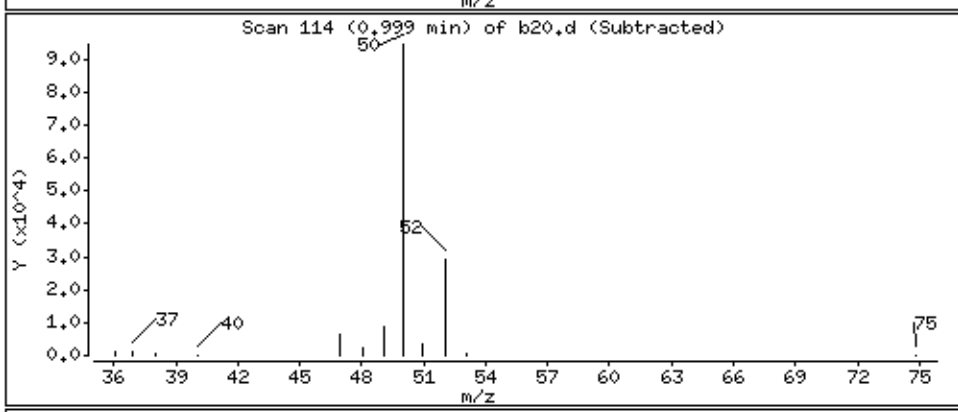
2 Chloromethane

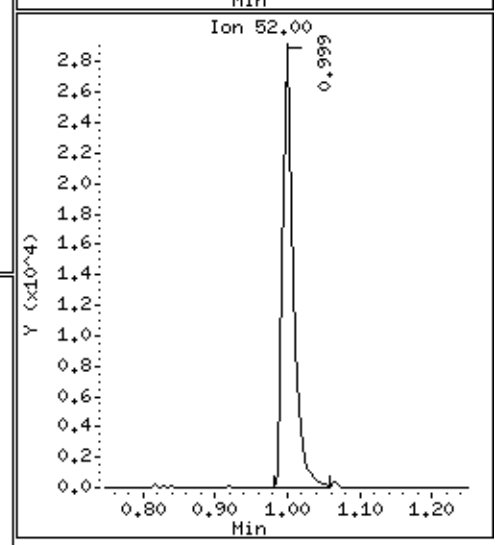
Concentration: 30.7 ppb

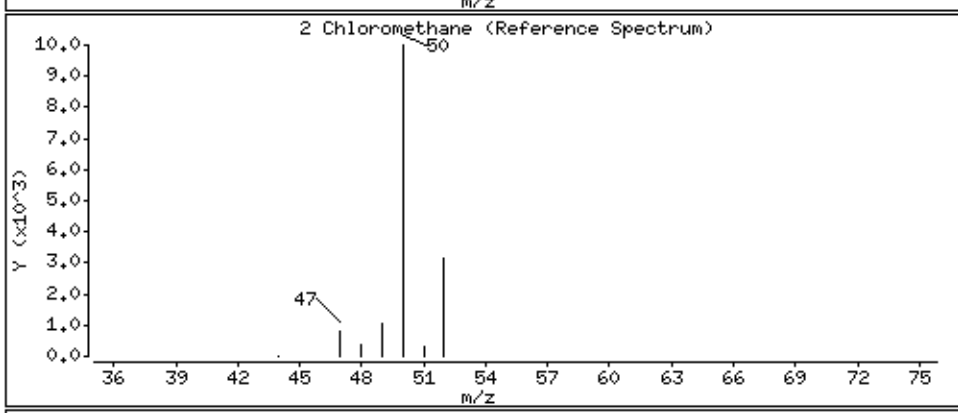
Review Code:

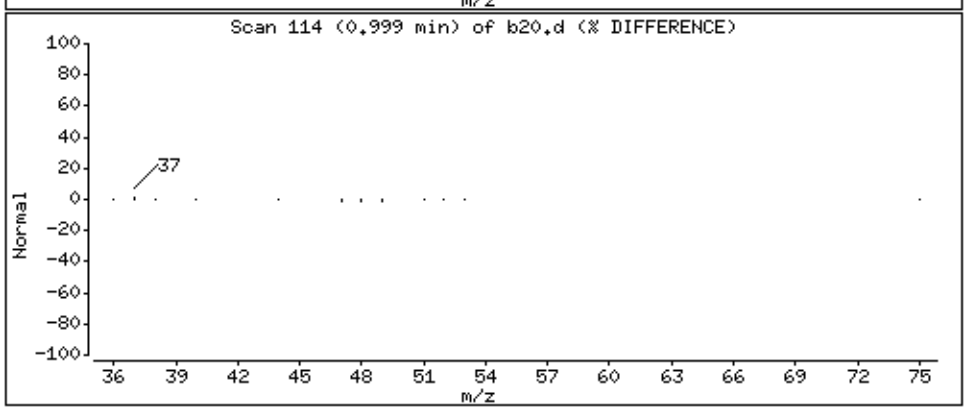












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

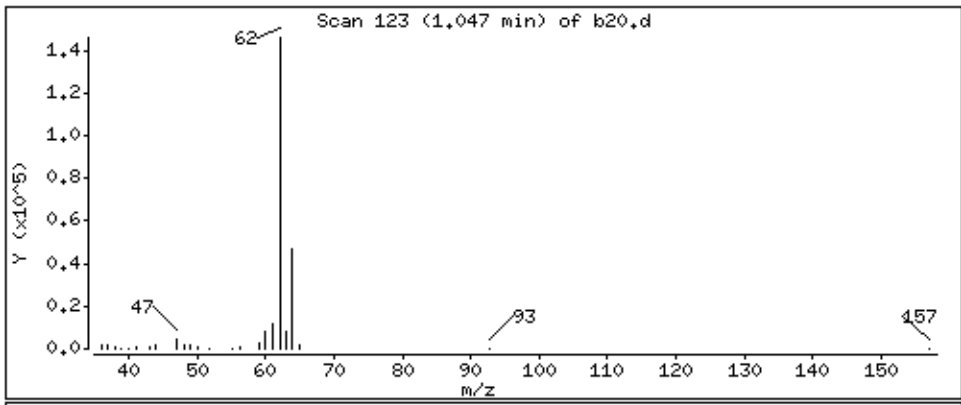
Column phase: DB-624

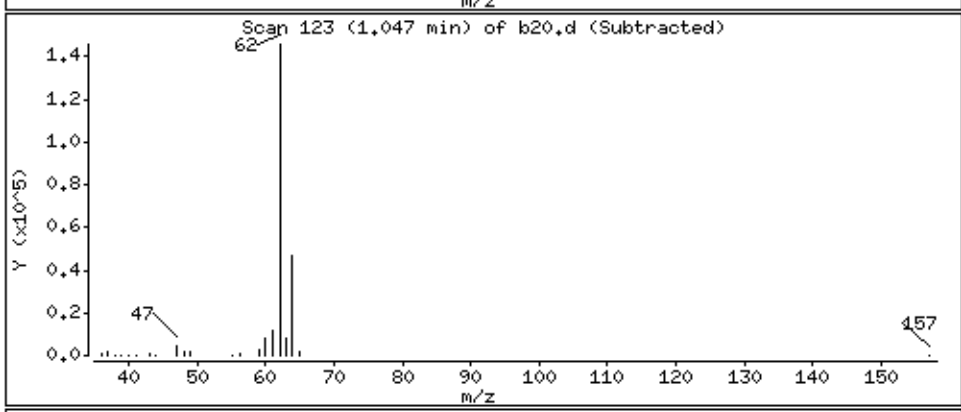
Column diameter: 0.18

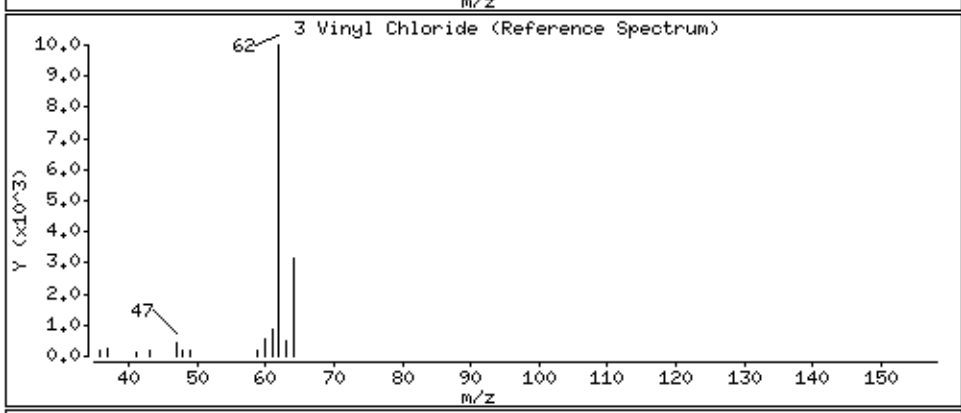
3 Vinyl Chloride

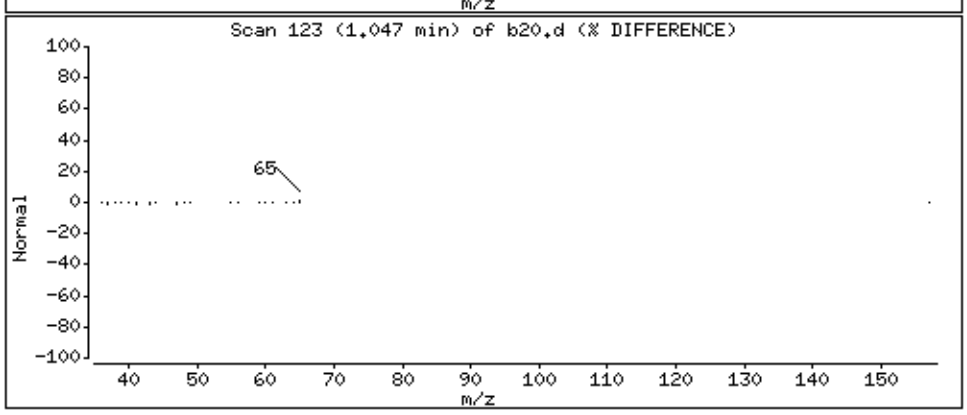
Concentration: 36.1 ppb

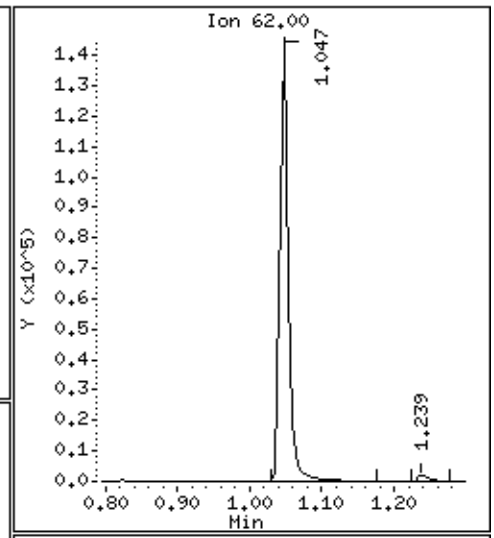
Review Code:

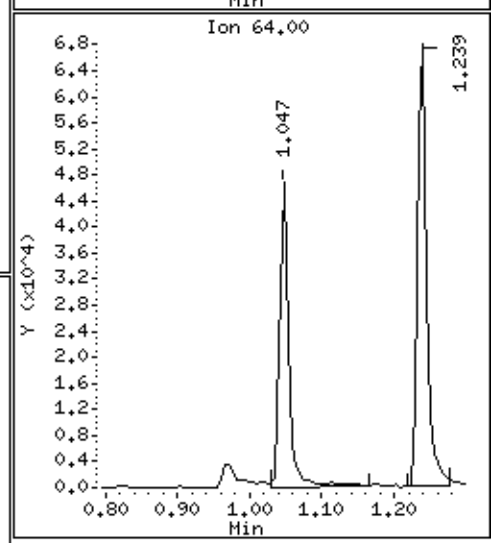












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

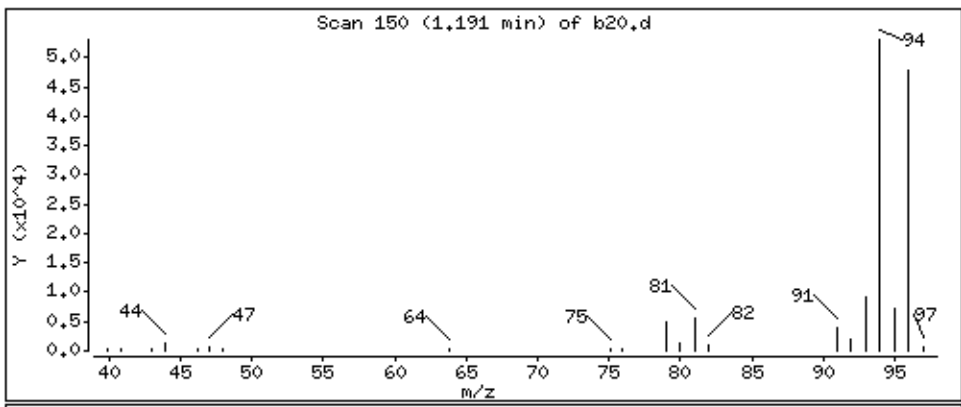
Column phase: DB-624

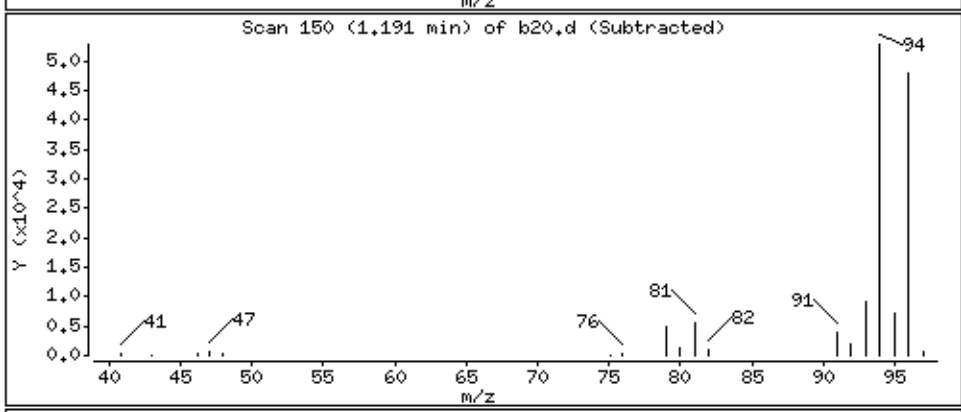
Column diameter: 0.18

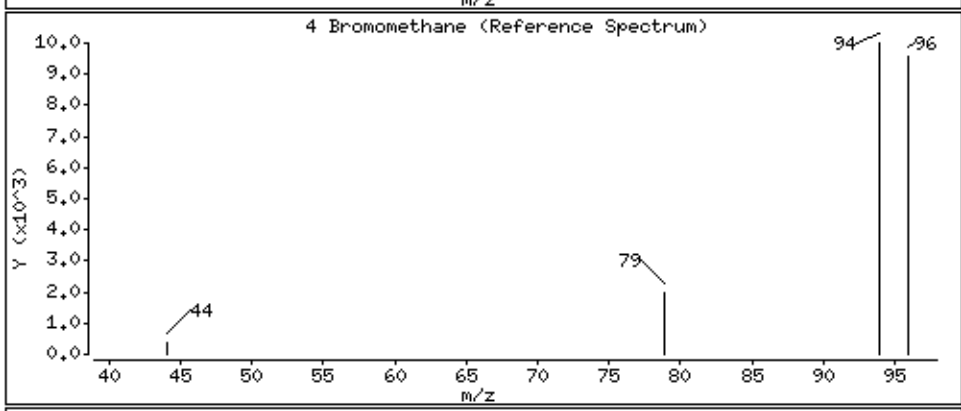
4 Bromomethane

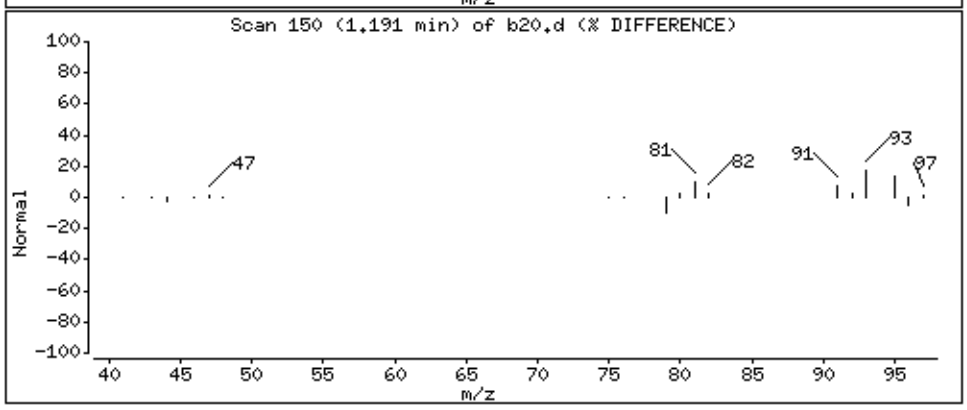
Concentration: 34.9 ppb

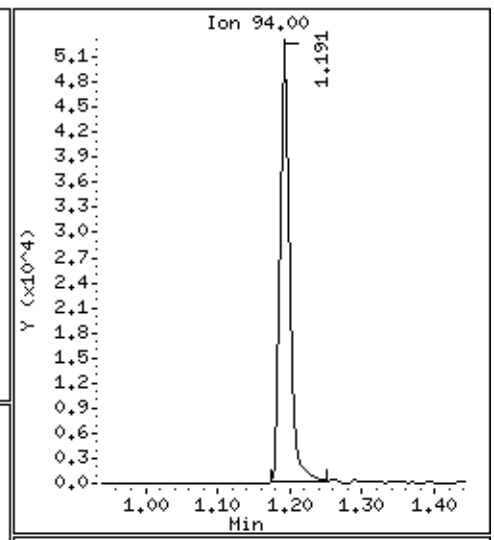
Review Code:

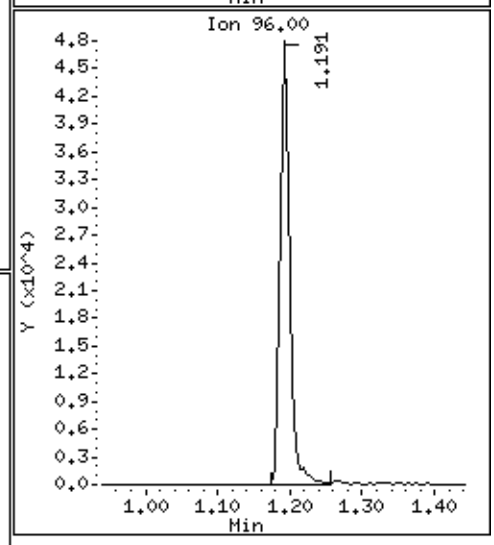












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

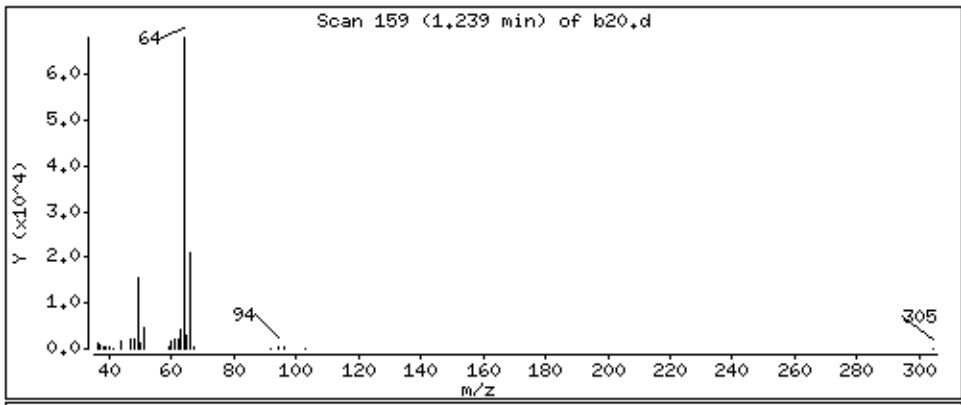
Column phase: DB-624

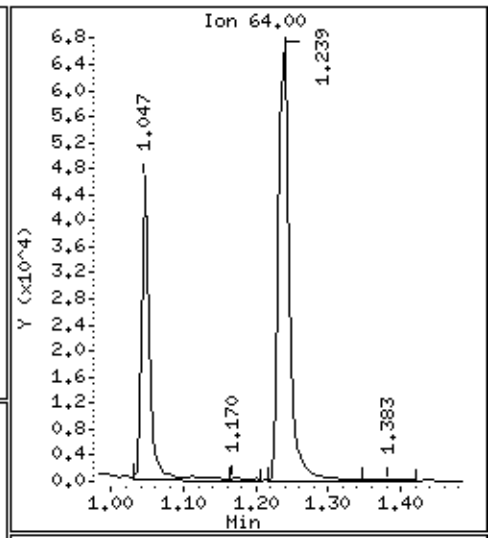
Column diameter: 0.18

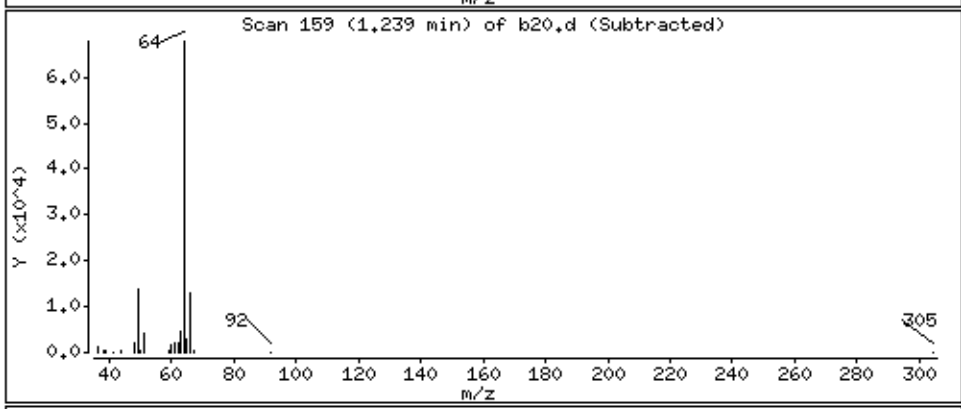
5 Chloroethane

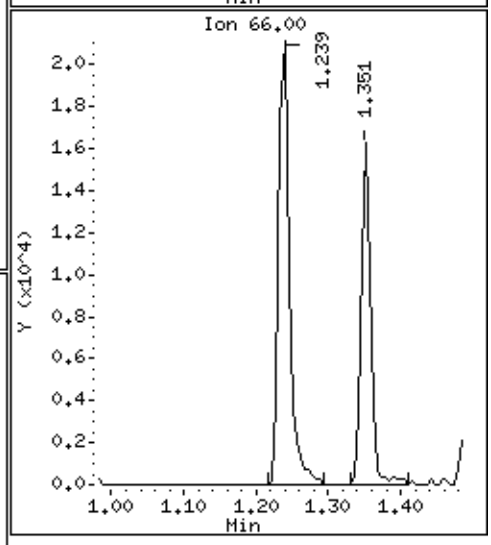
Concentration: 35.6 ppb

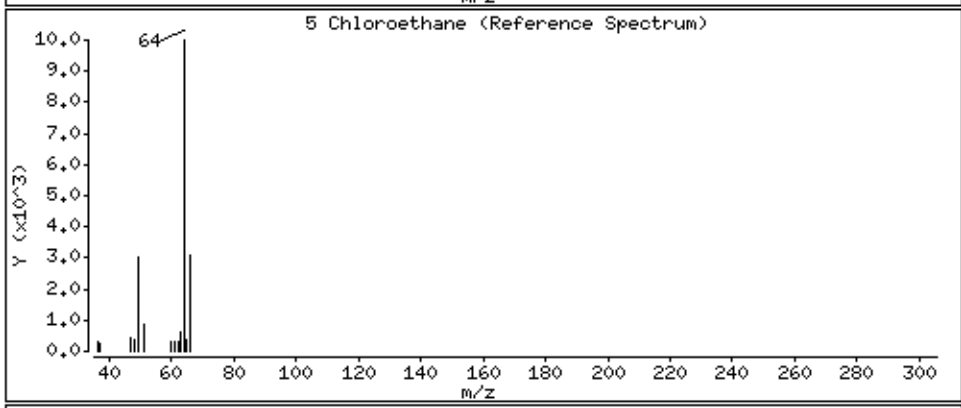
Review Code:

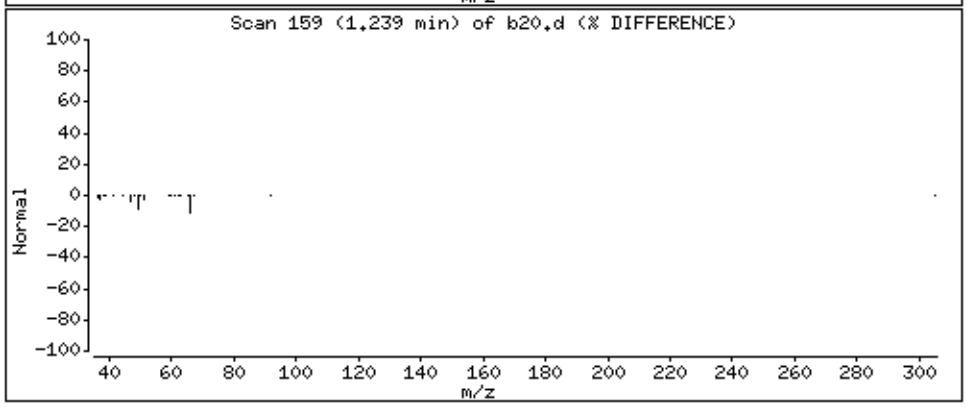












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

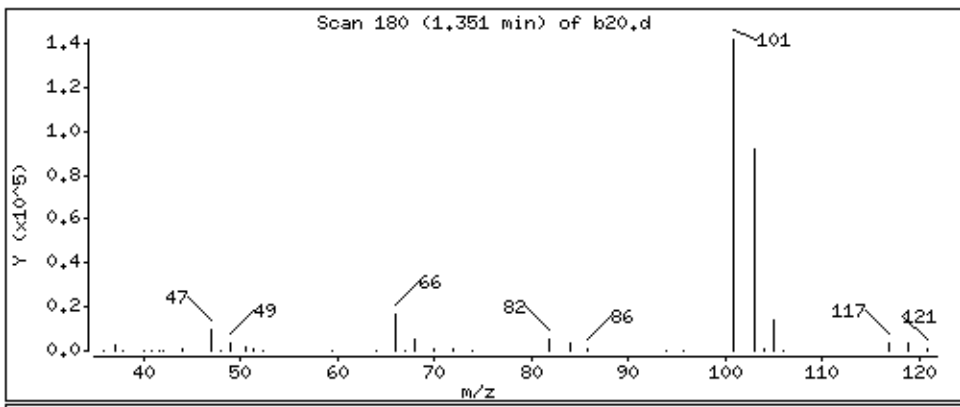
Column phase: DB-624

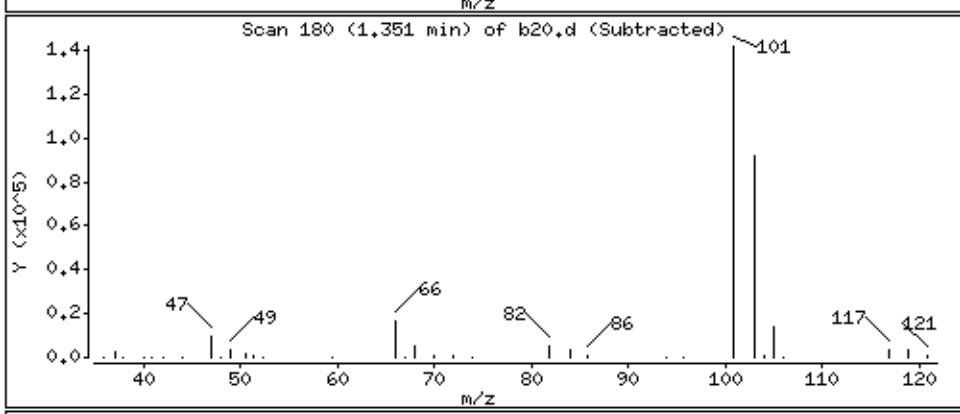
Column diameter: 0.18

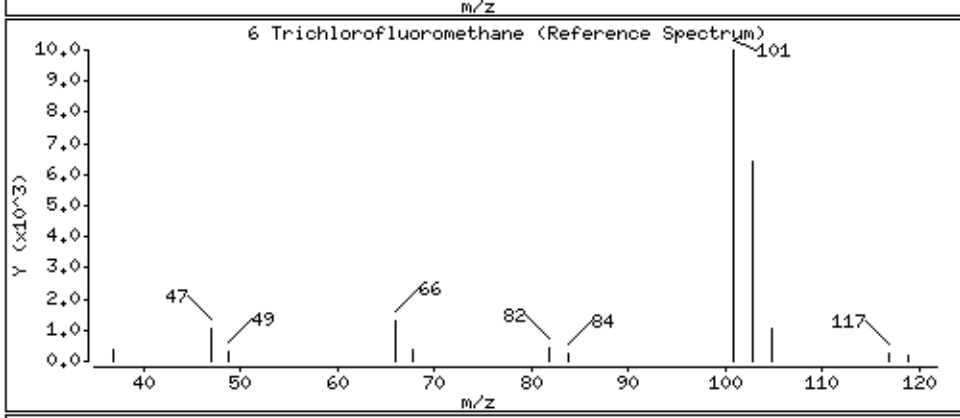
6 Trichlorofluoromethane

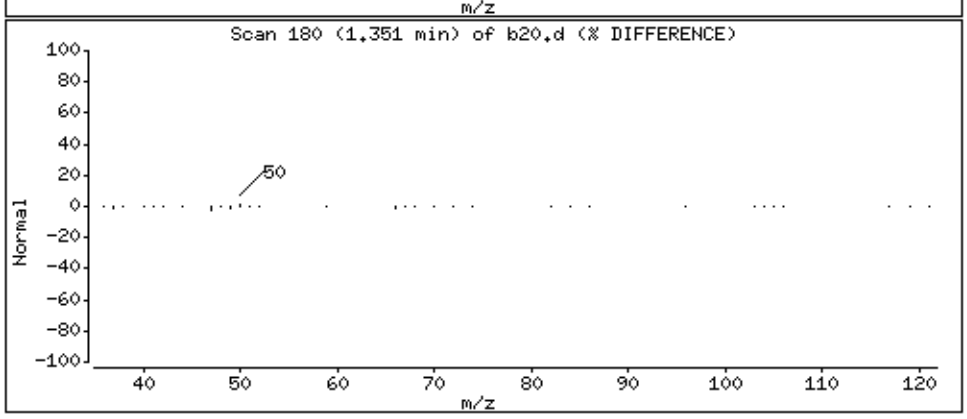
Concentration: 41.3 ppb

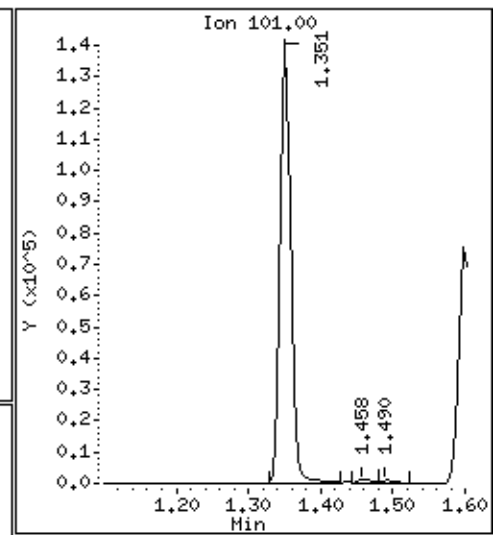
Review Code:

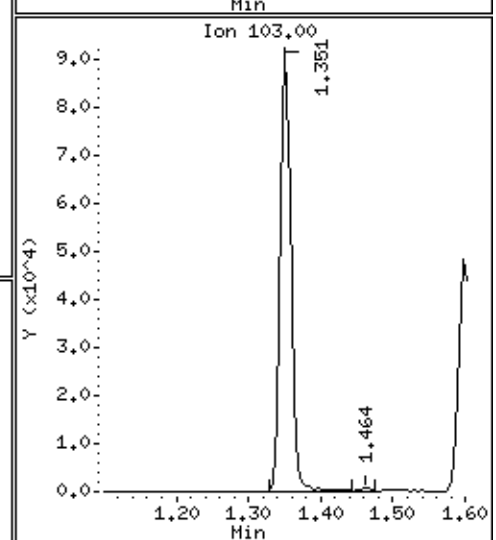












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

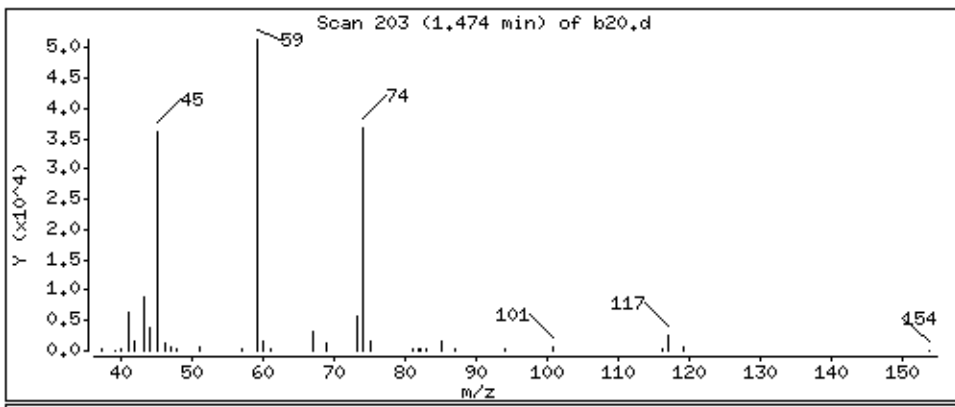
Column phase: DB-624

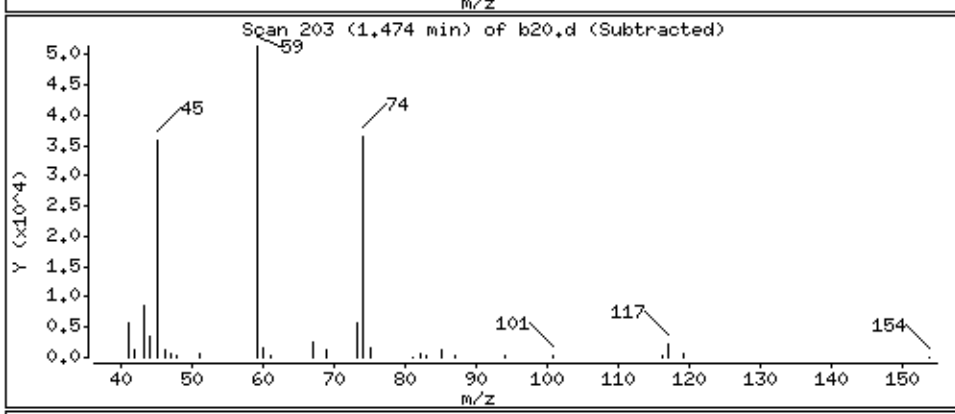
Column diameter: 0.18

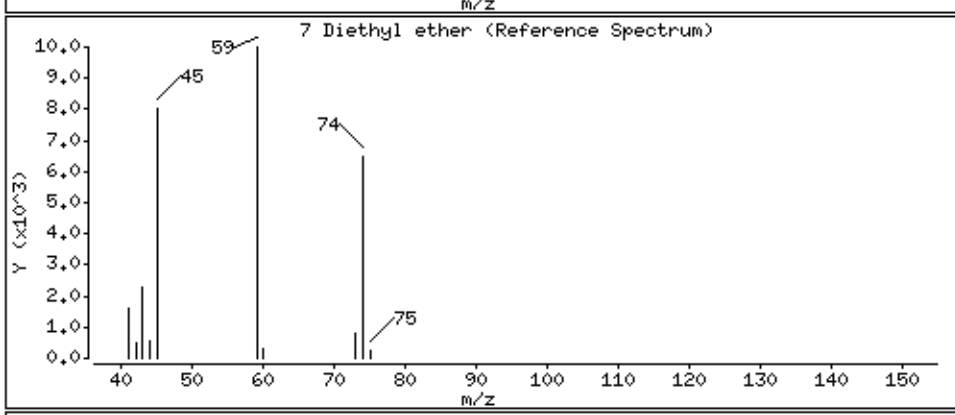
7 Diethyl ether

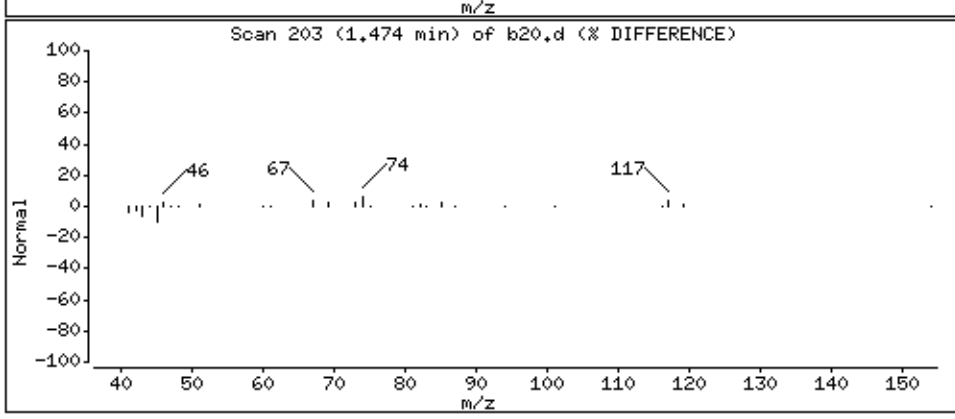
Concentration: 40.4 ppb

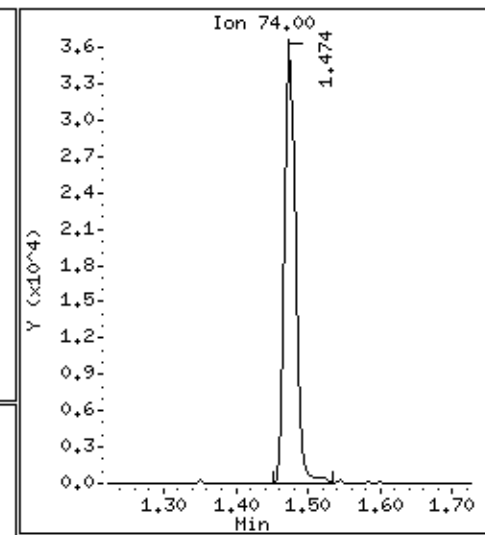
Review Code:

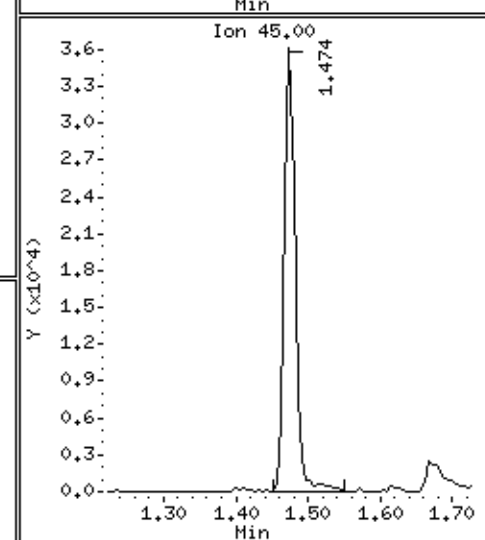


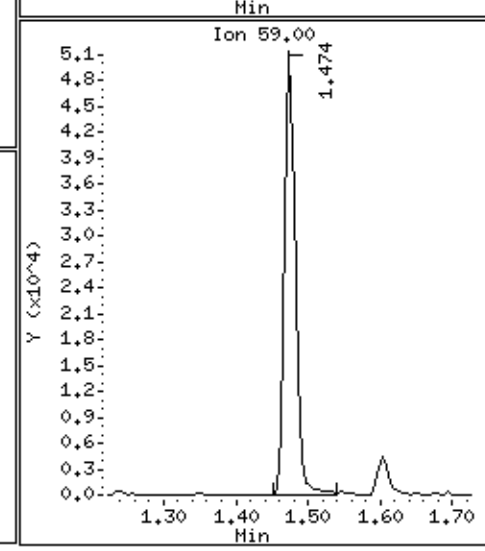












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

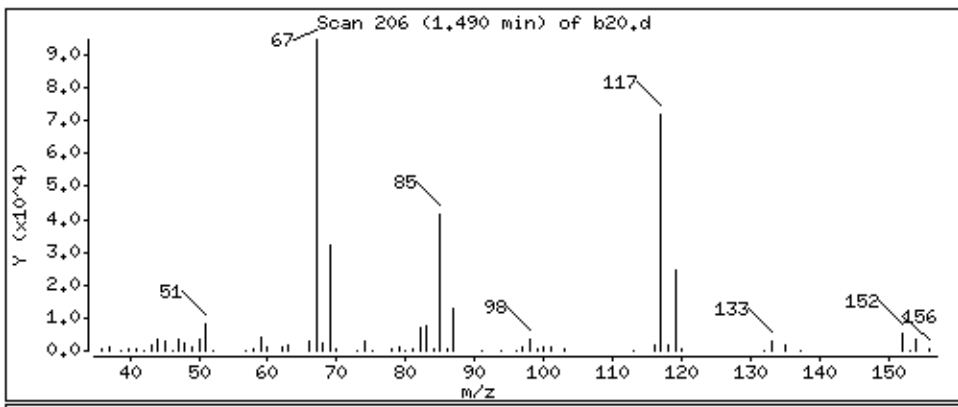
Column phase: DB-624

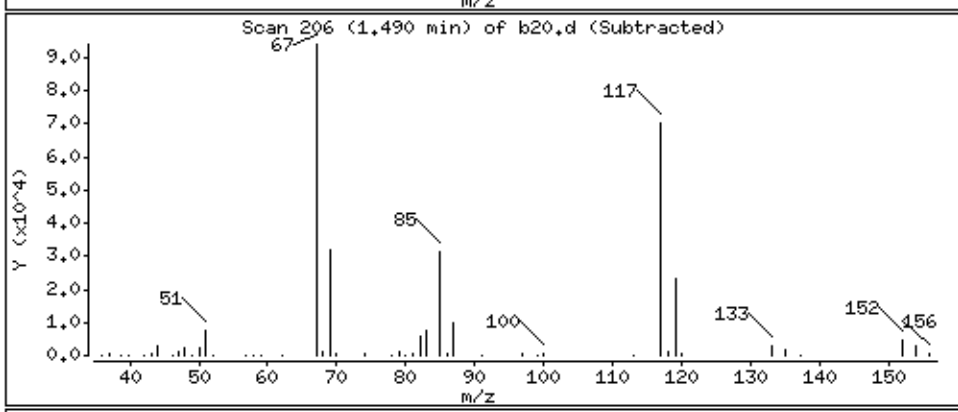
Column diameter: 0.18

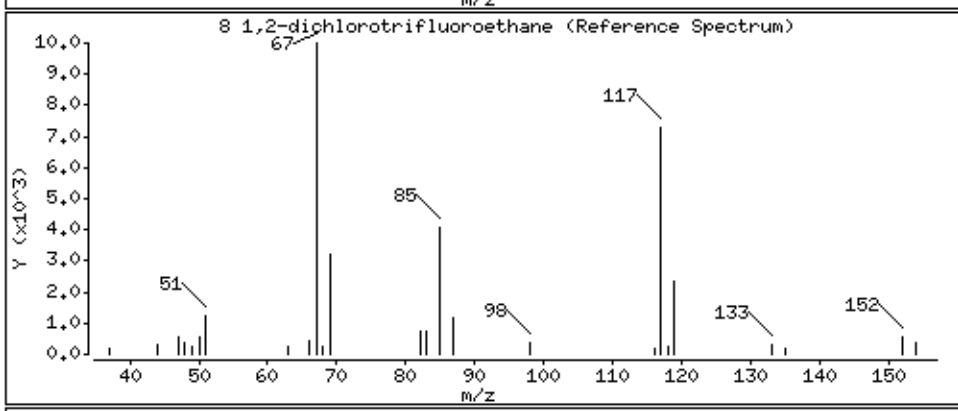
8 1,2-dichlorotrifluoroethane

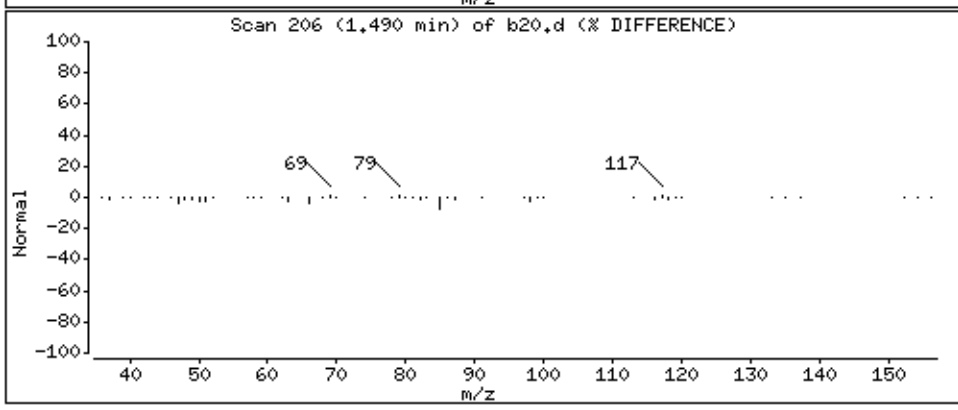
Concentration: 36.4 ppb

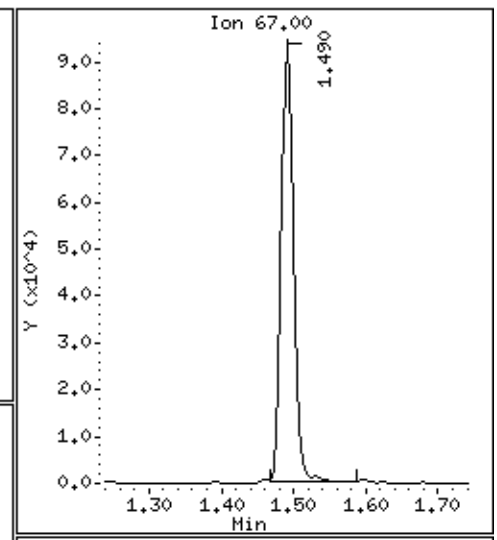
Review Code:

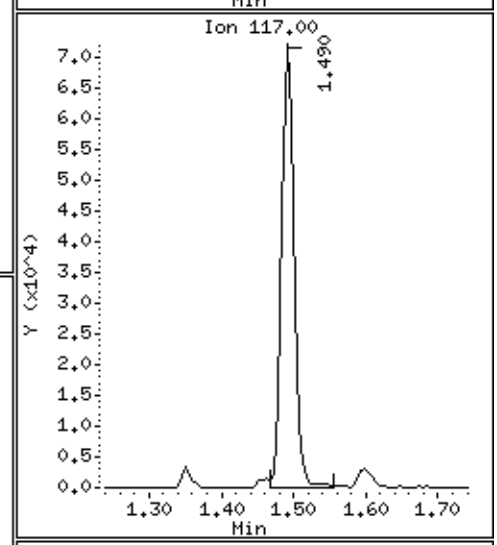


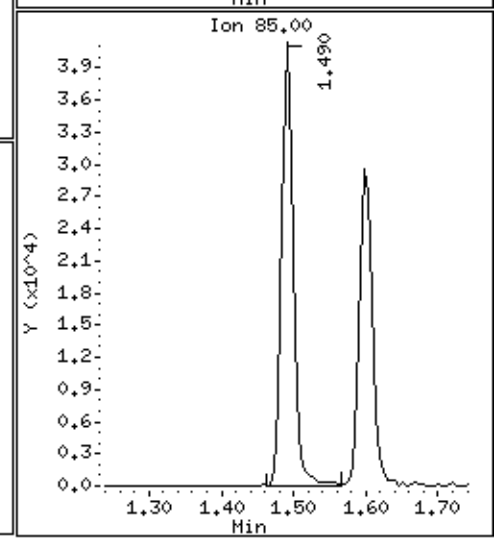












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

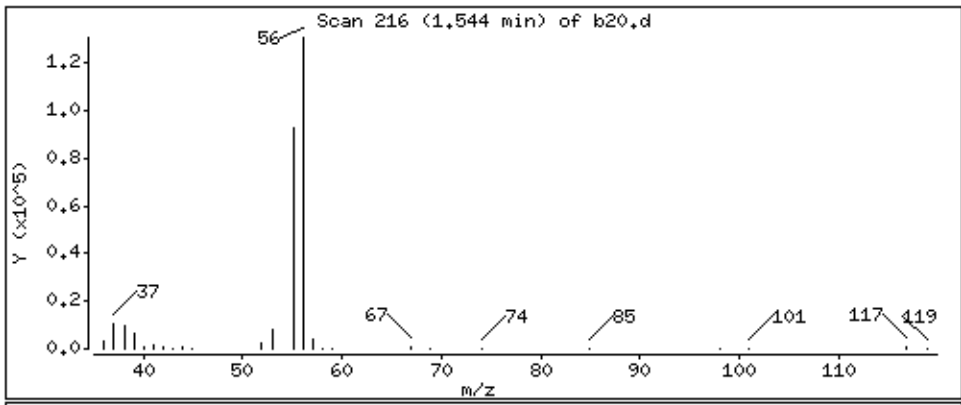
Column phase: DB-624

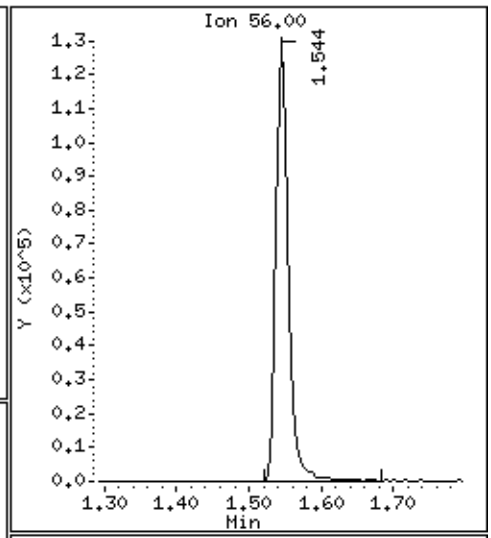
Column diameter: 0.18

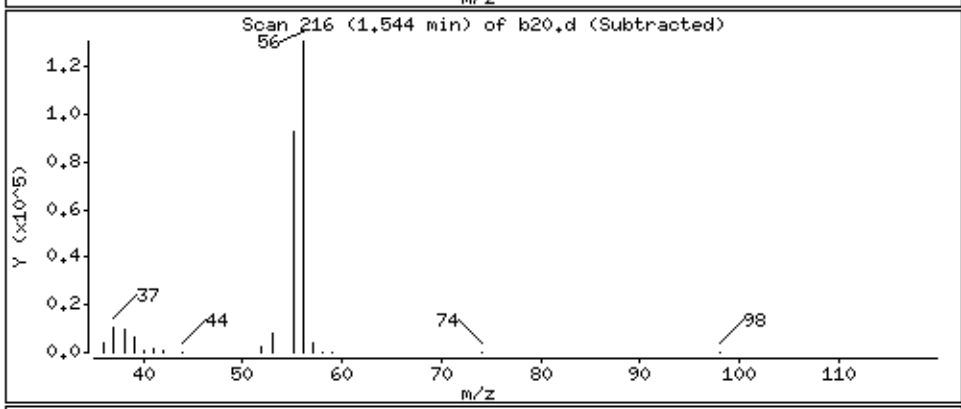
9 Acrolein

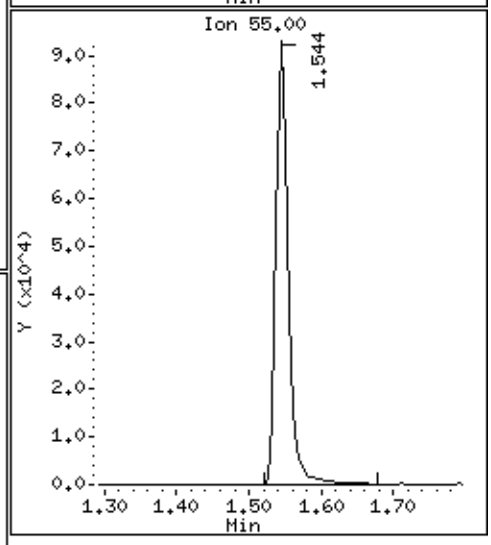
Concentration: 937 ppb

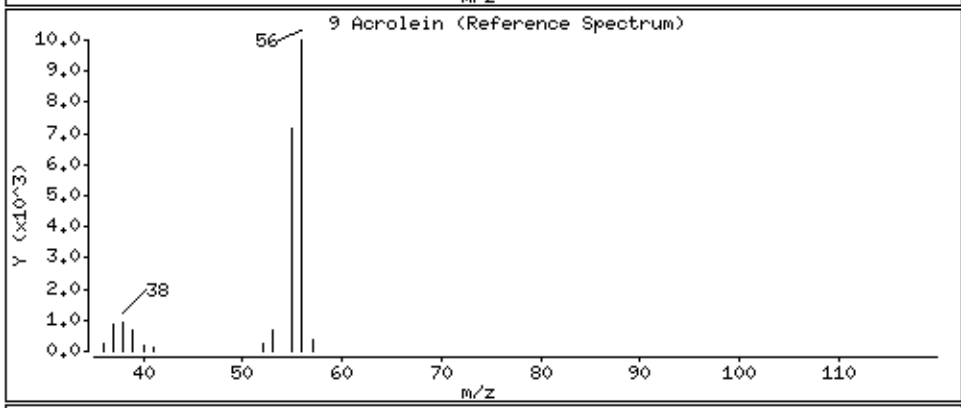
Review Code:

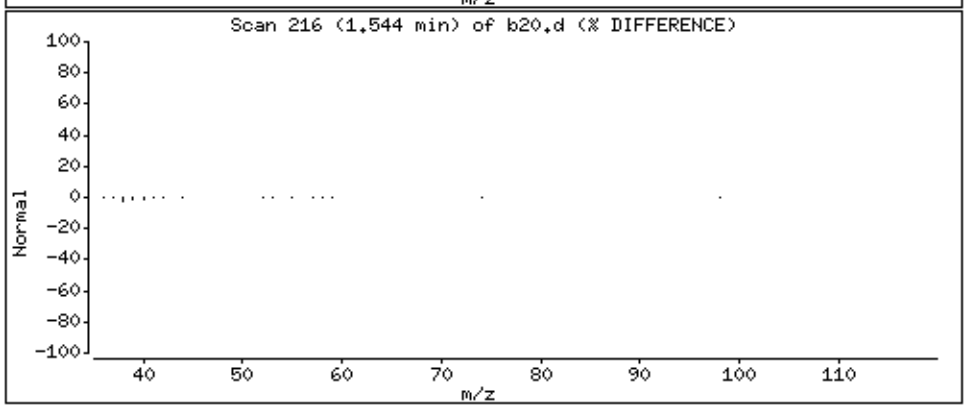












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

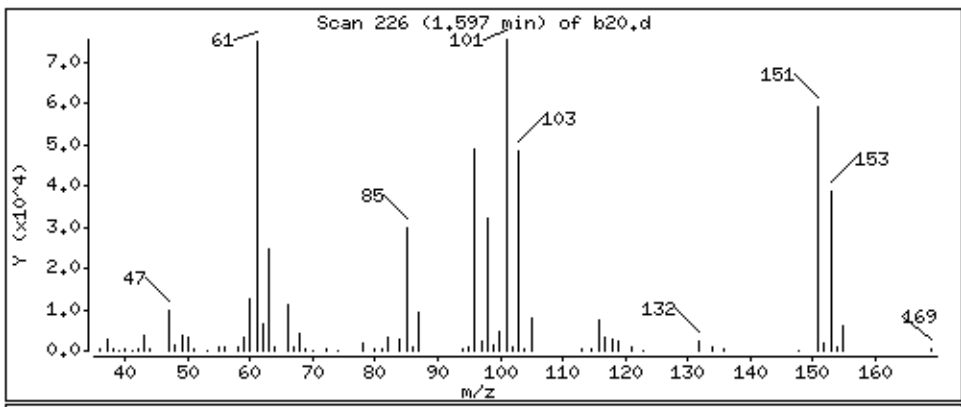
Column phase: DB-624

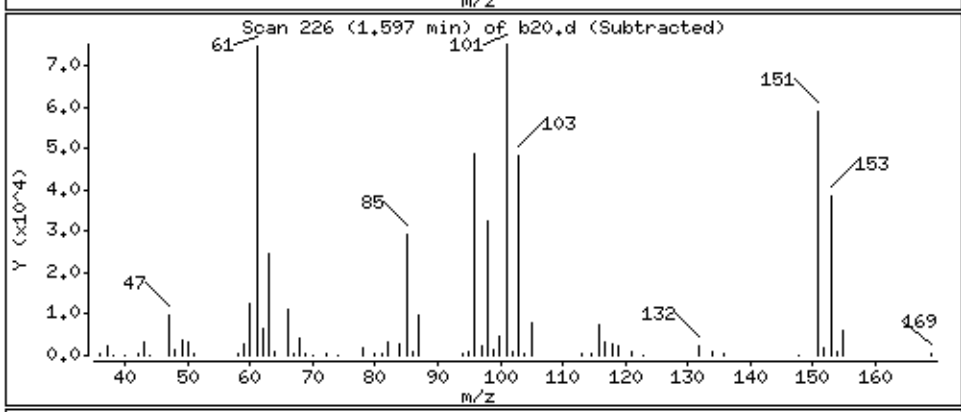
Column diameter: 0.18

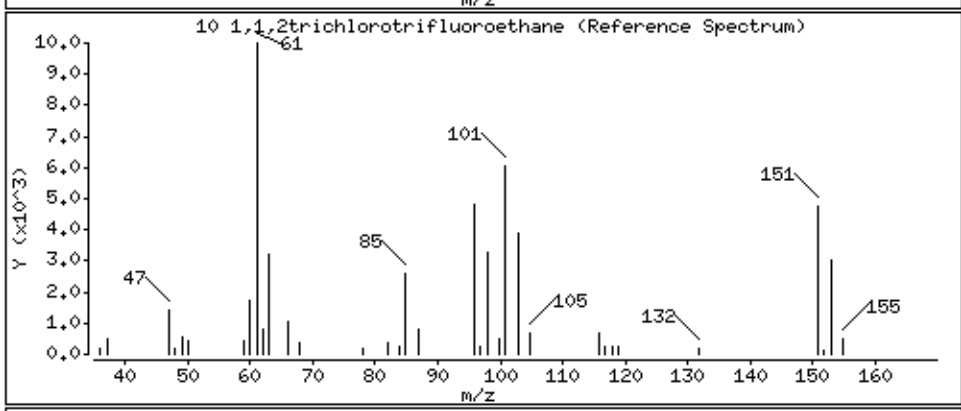
10 1,1,2trichlorotrifluoroethane

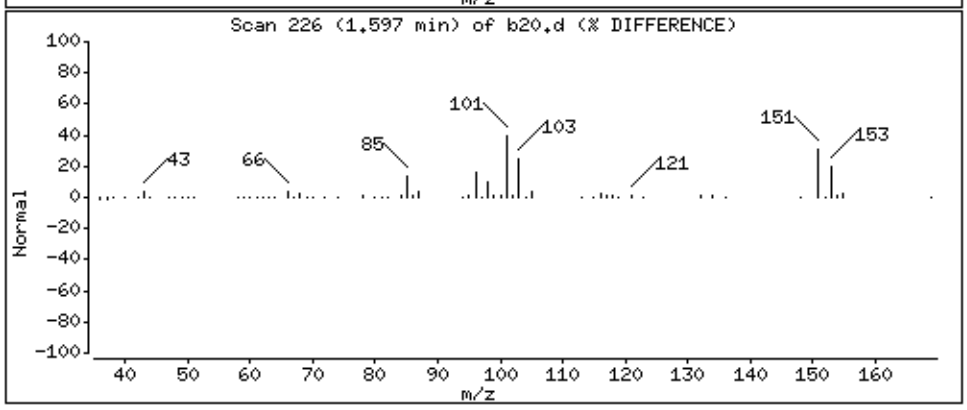
Concentration: 40.8 ppb

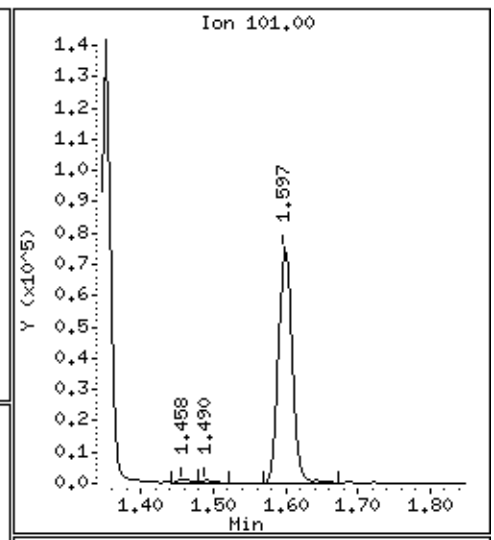
Review Code:

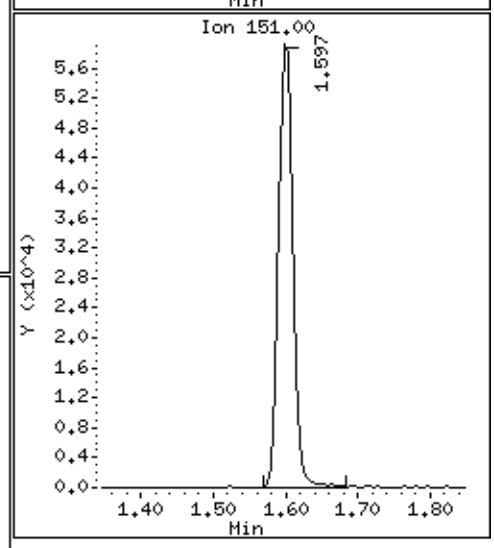












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

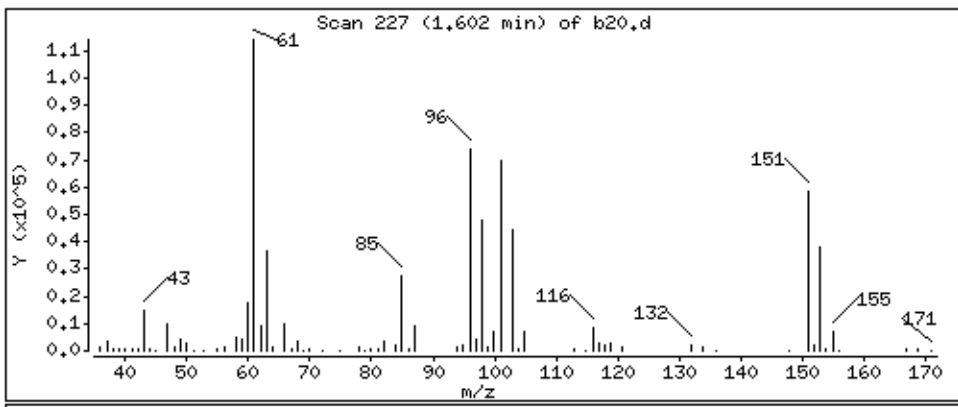
Column phase: DB-624

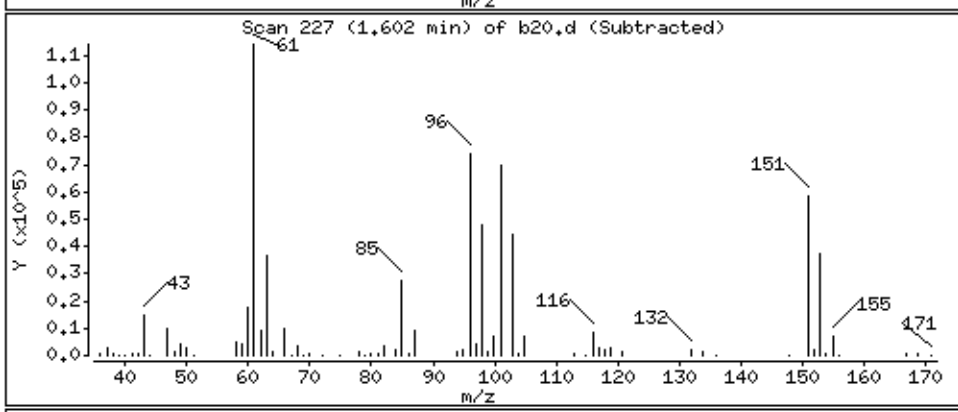
Column diameter: 0.18

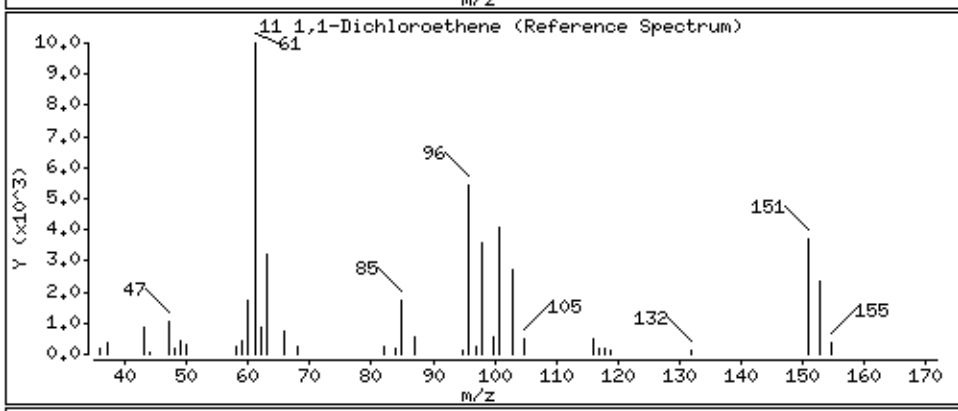
11 1,1-Dichloroethene

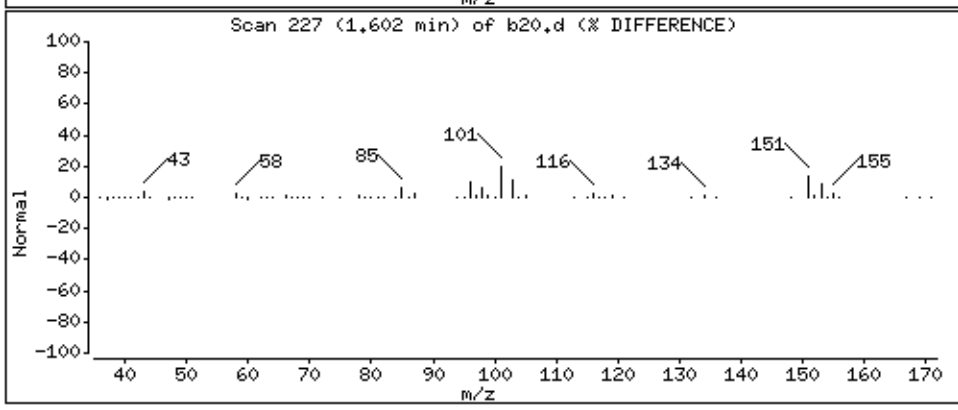
Concentration: 42.5 ppb

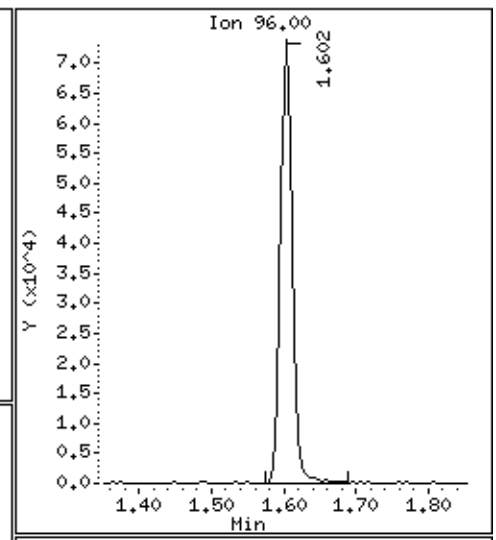
Review Code:

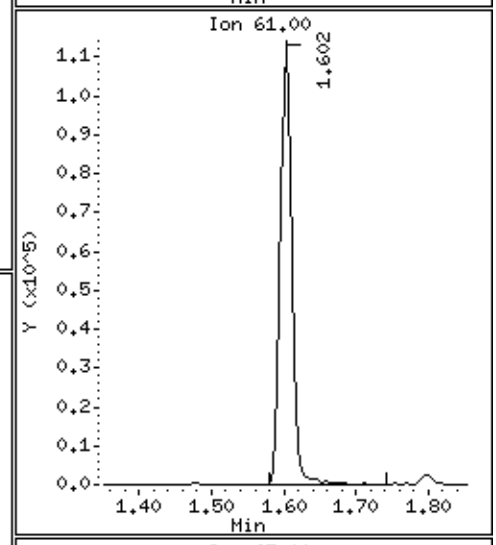


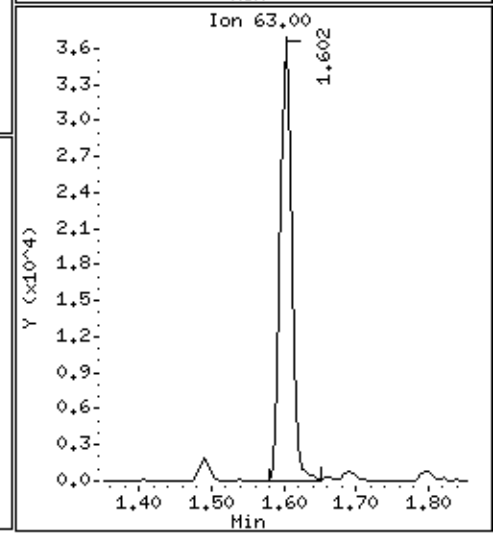












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

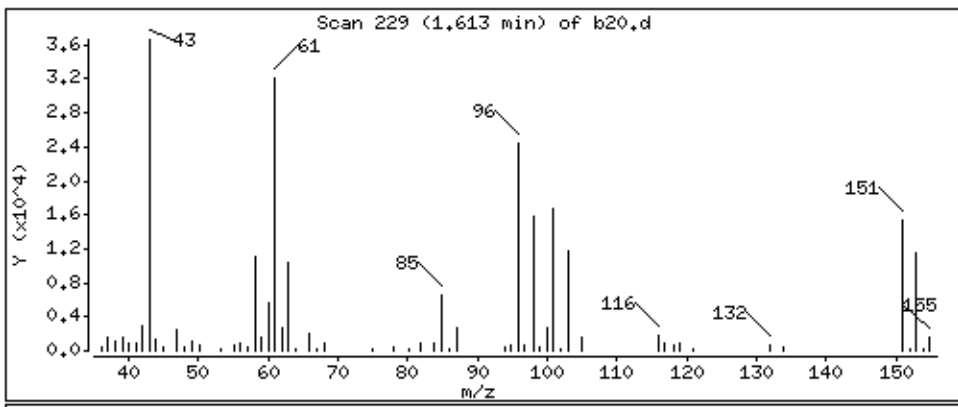
Column phase: DB-624

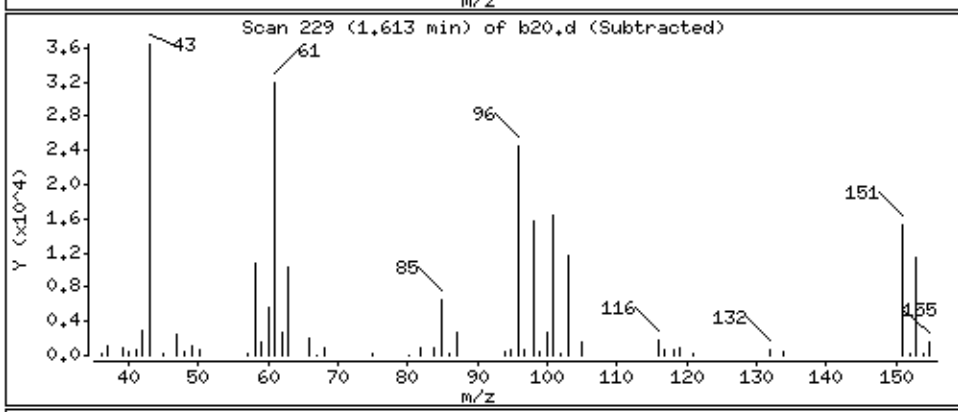
Column diameter: 0.18

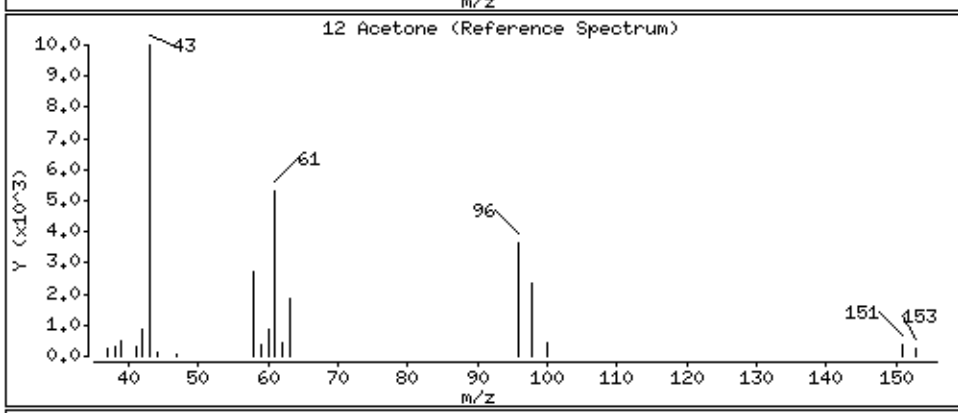
12 Acetone

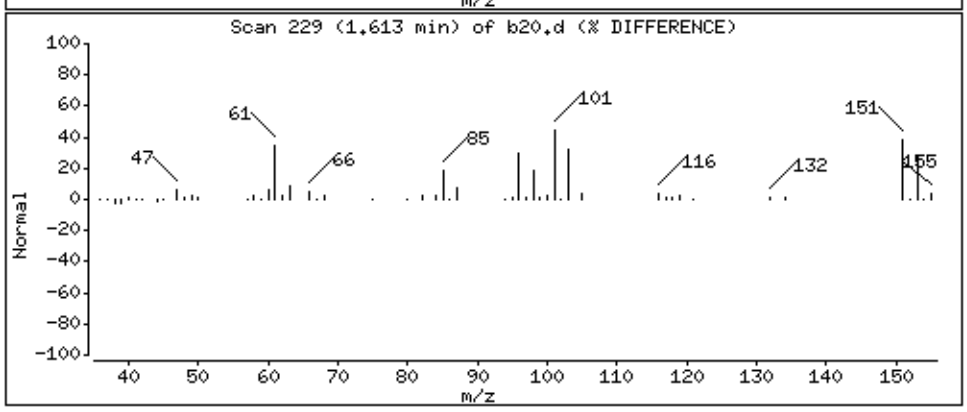
Concentration: 197 ppb

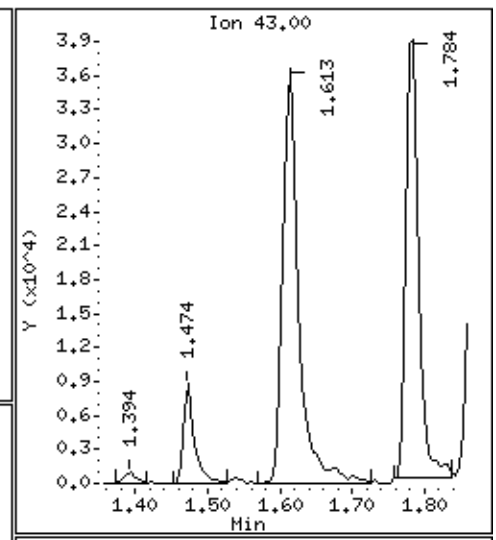
Review Code:

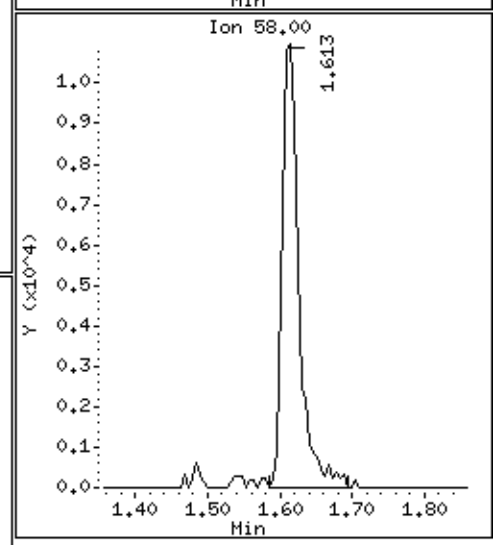












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

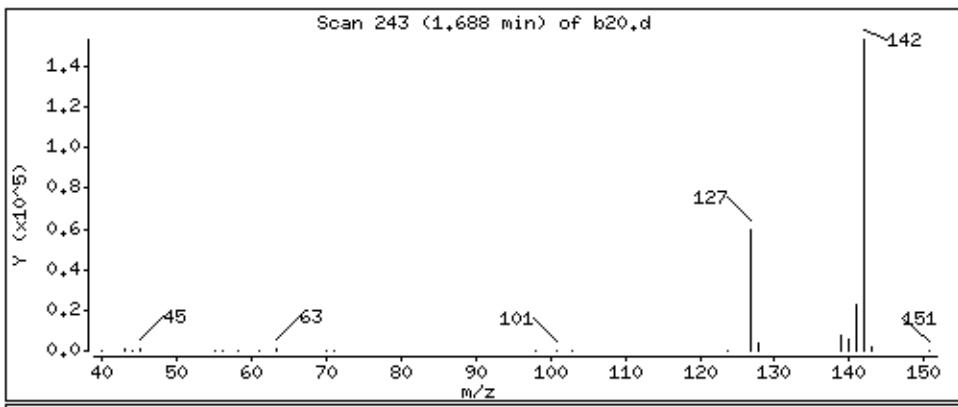
Column phase: DB-624

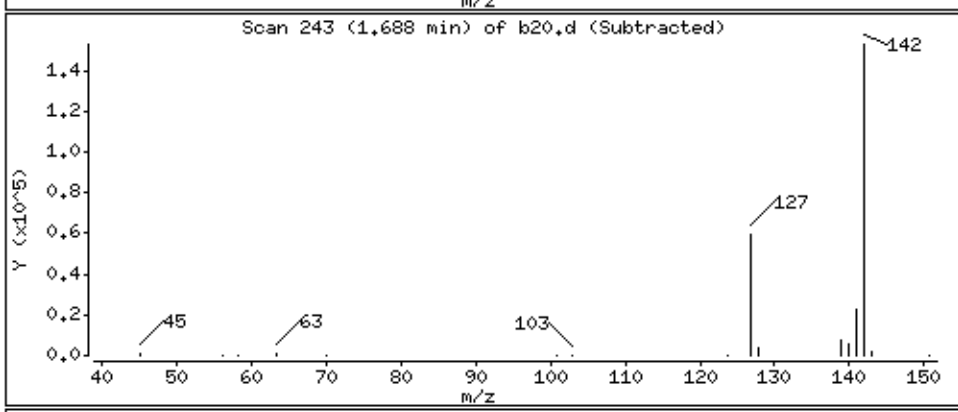
Column diameter: 0.18

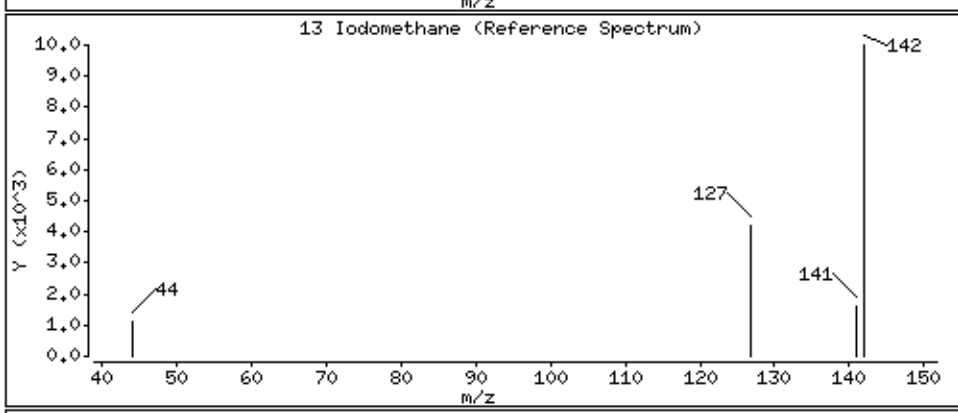
13 Iodomethane

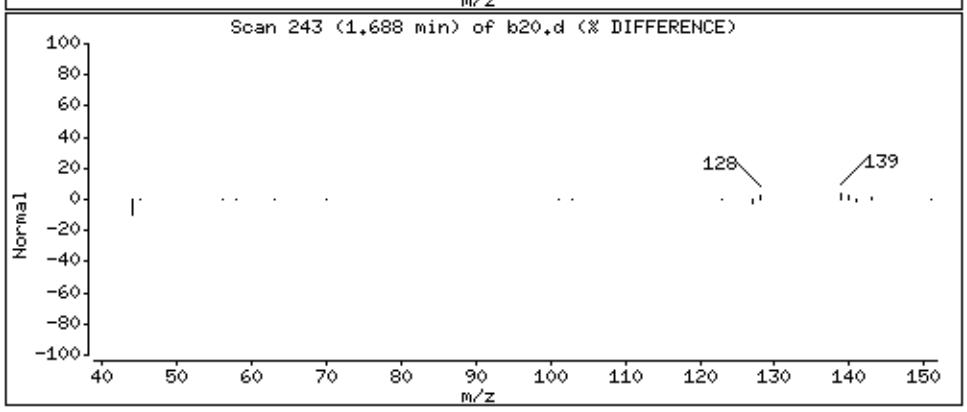
Concentration: 88.0 ppb

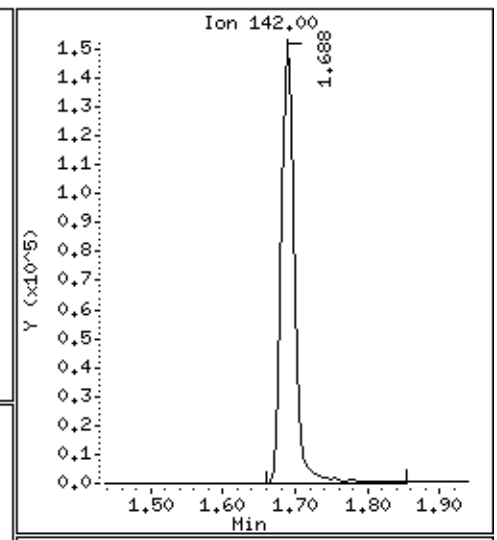
Review Code:

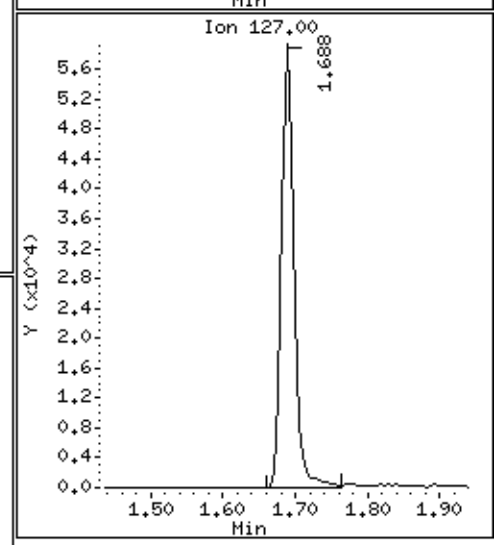












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

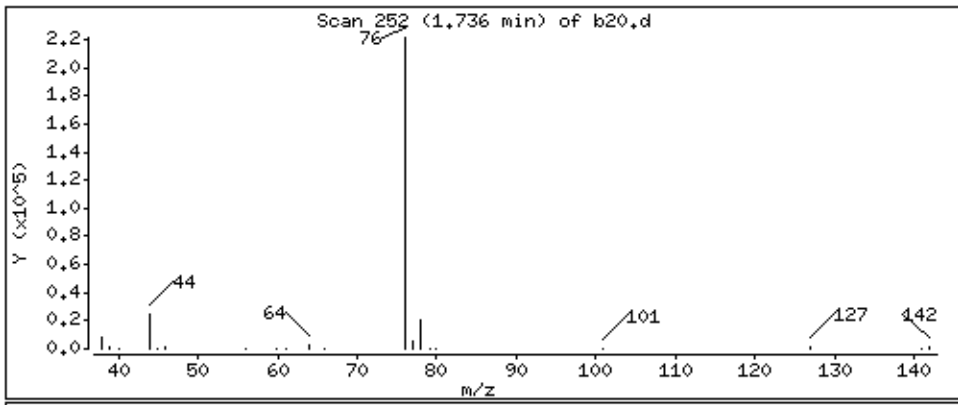
Column phase: DB-624

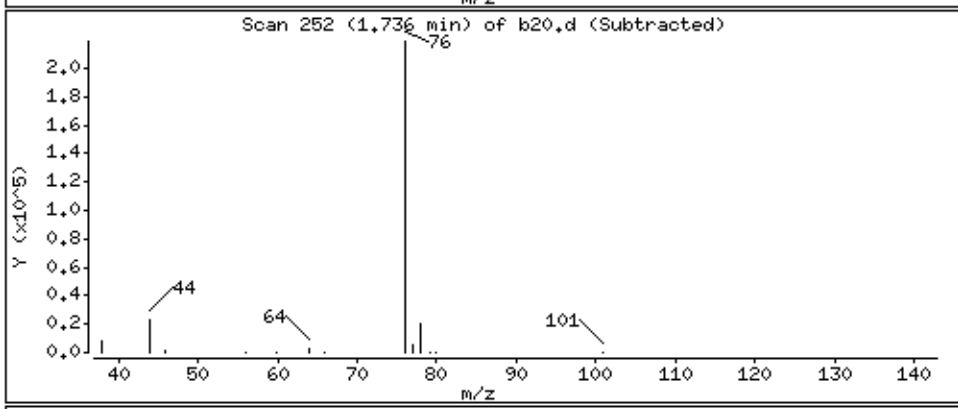
Column diameter: 0.18

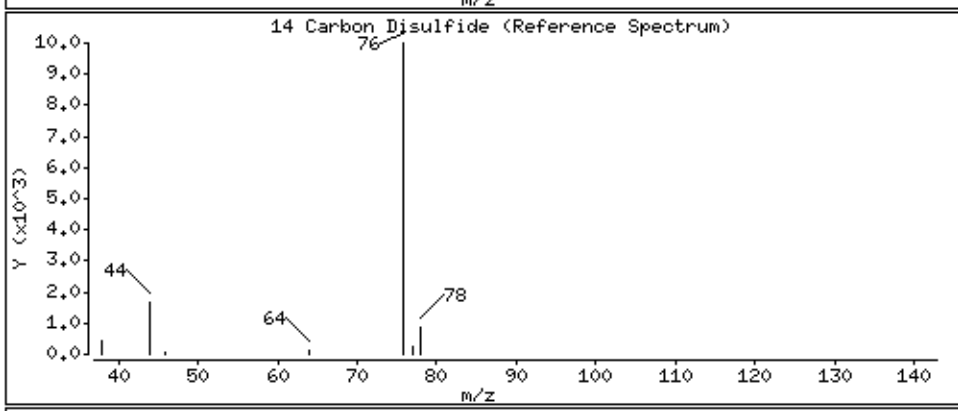
14 Carbon Disulfide

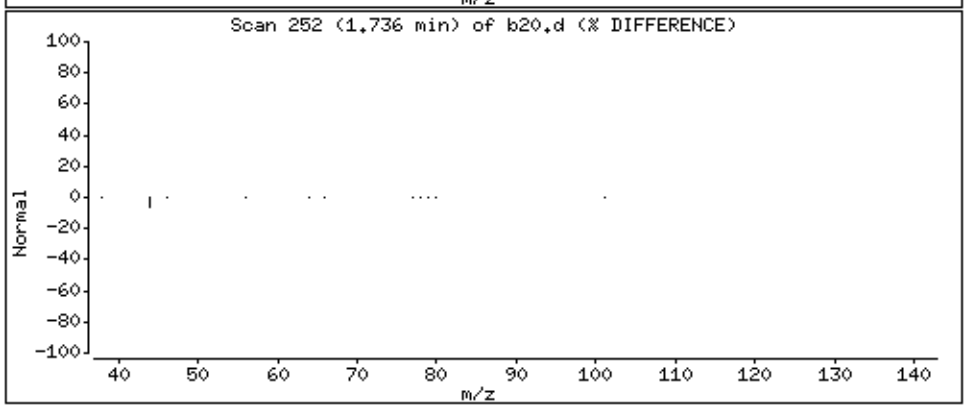
Concentration: 36.8 ppb

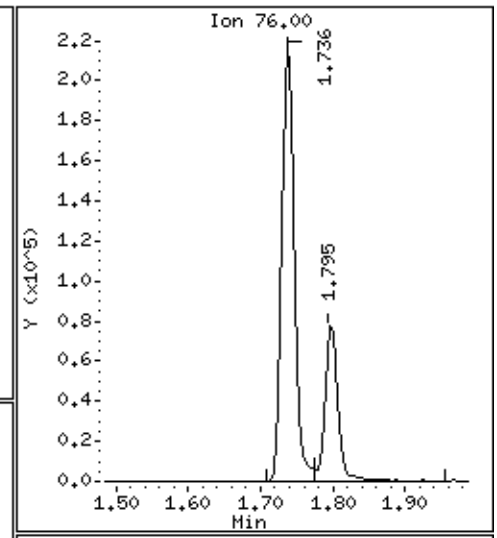
Review Code:

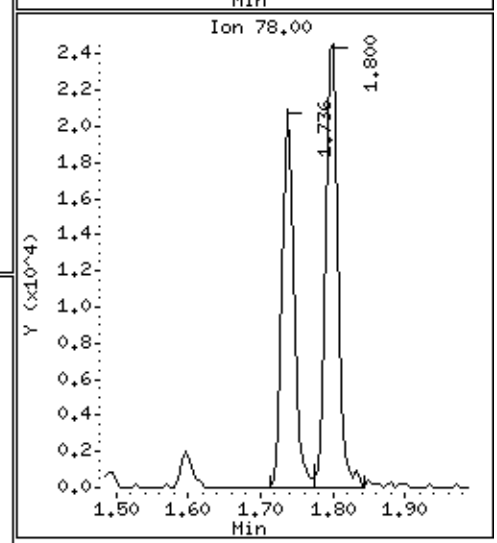












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

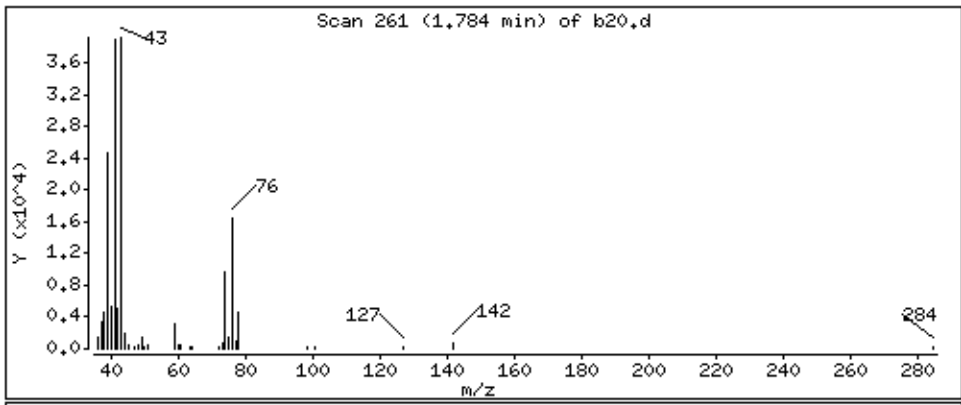
Column phase: DB-624

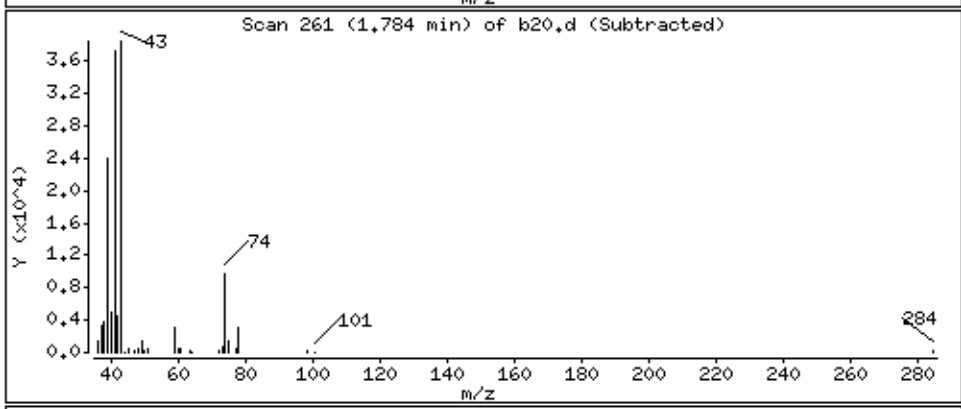
Column diameter: 0.18

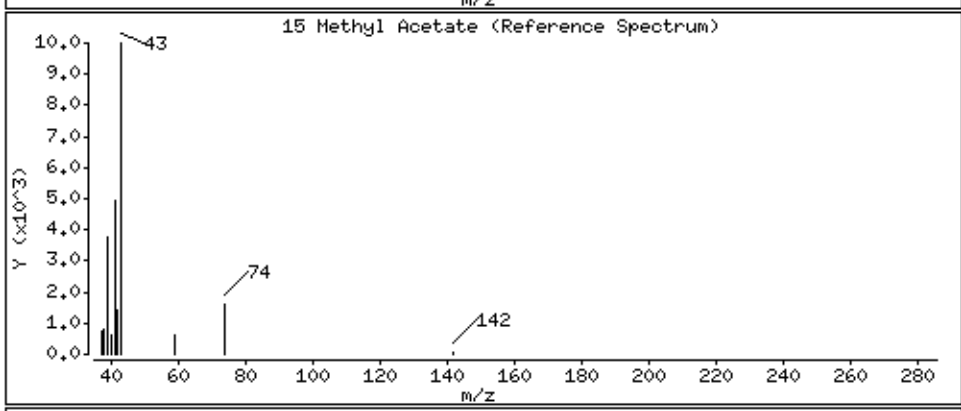
15 Methyl Acetate

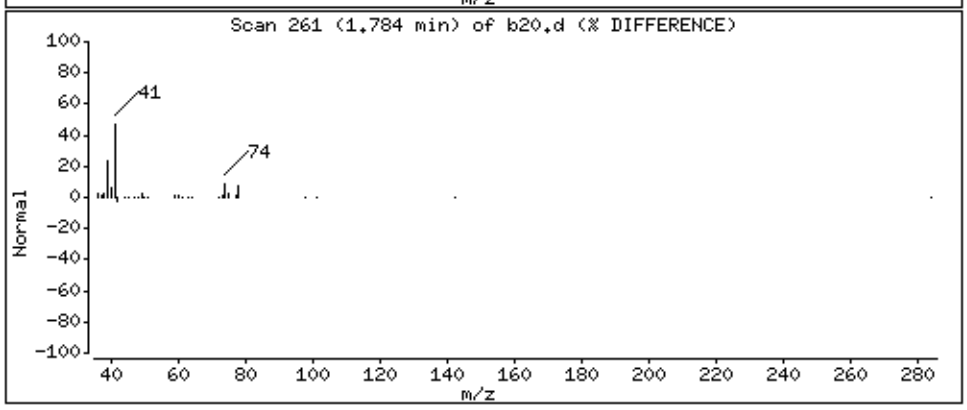
Concentration: 69.4 ppb

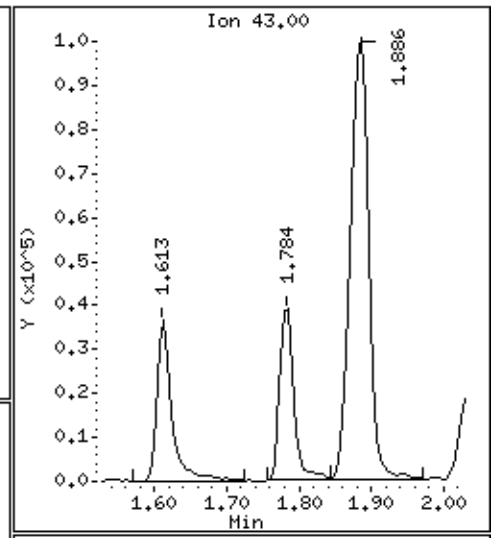
Review Code:

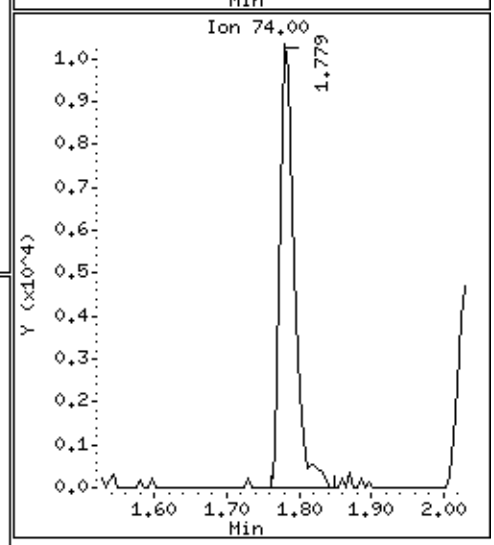












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

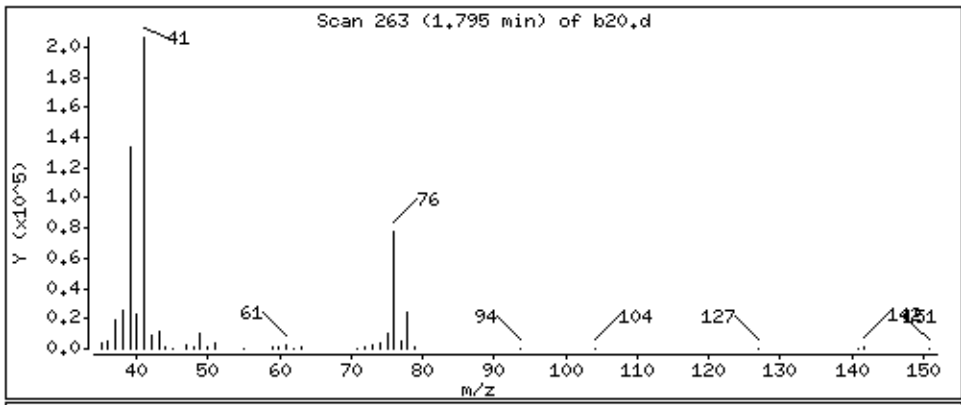
Column phase: DB-624

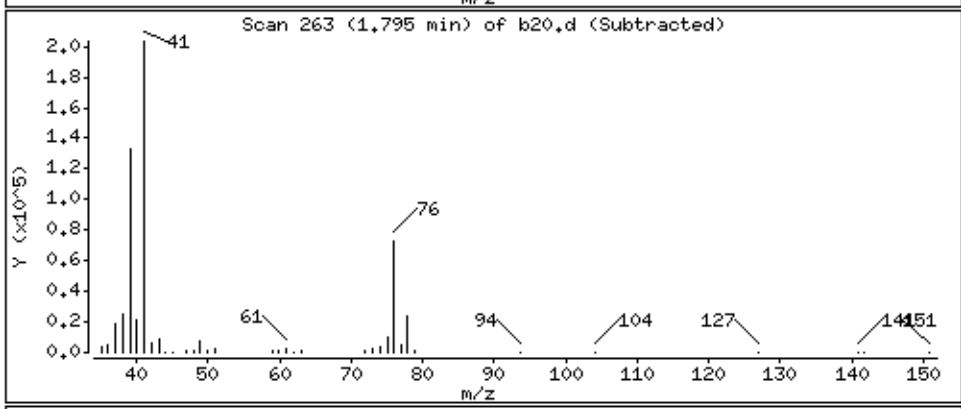
Column diameter: 0.18

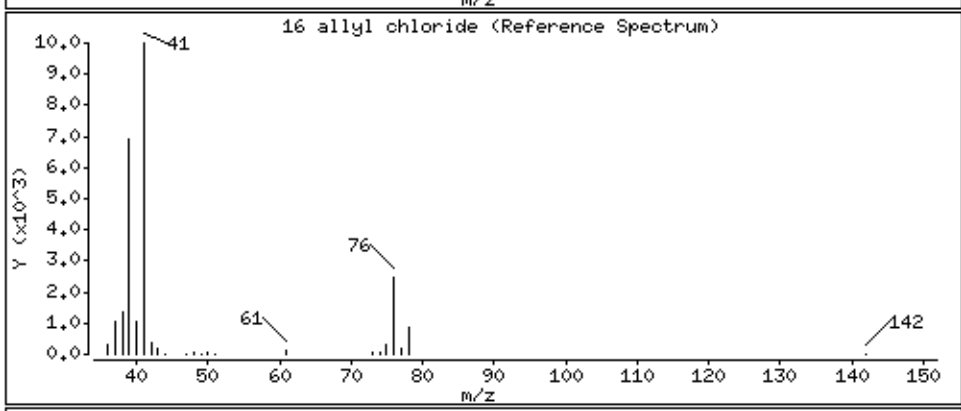
16 allyl chloride

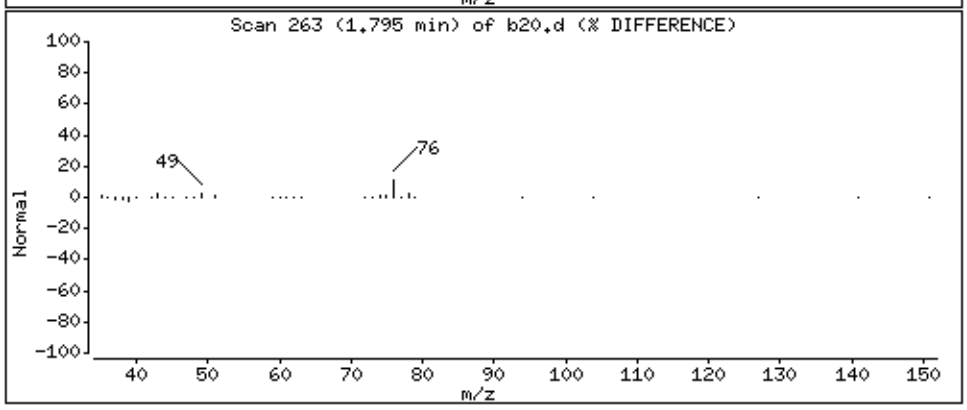
Concentration: 83.1 ppb

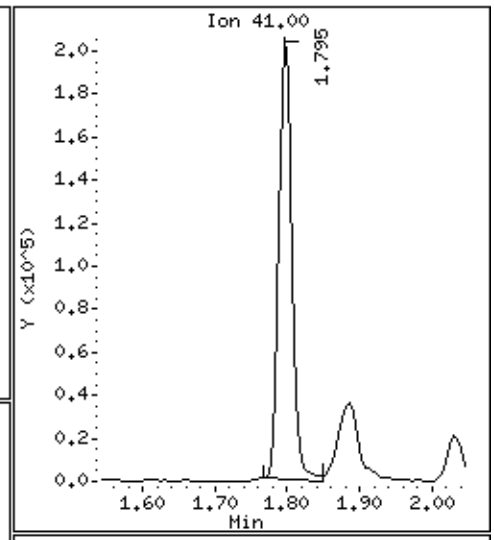
Review Code:

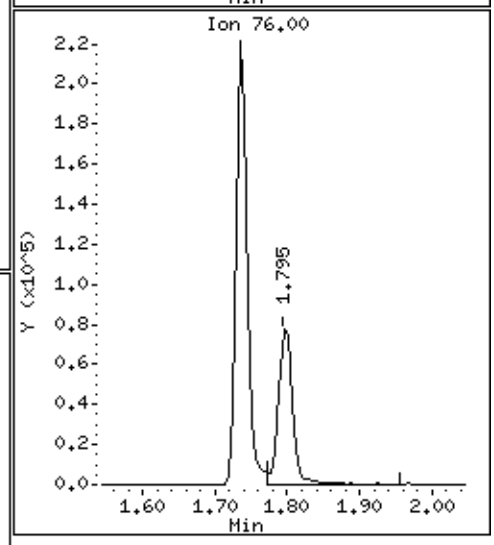












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

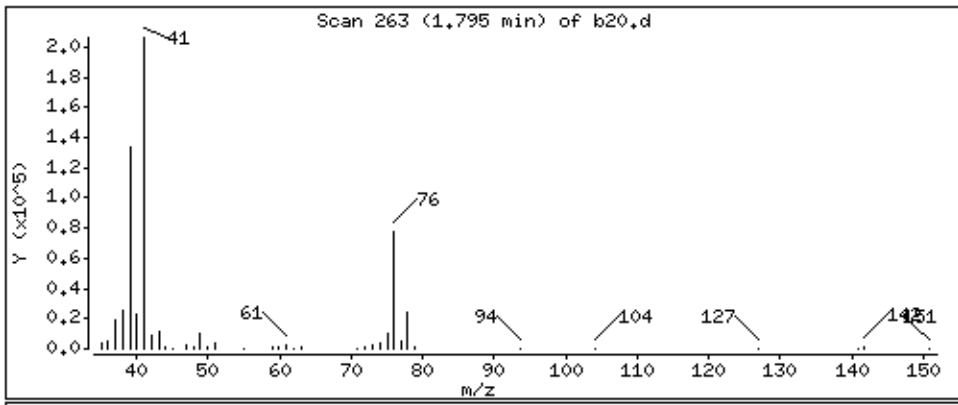
Column phase: DB-624

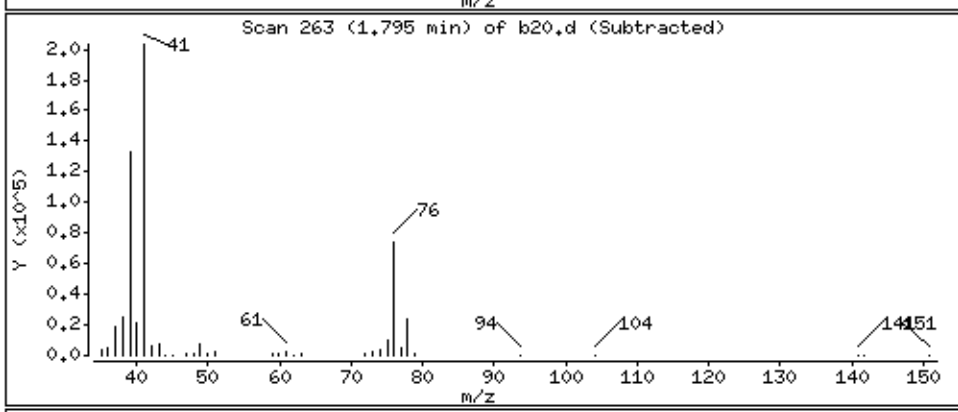
Column diameter: 0.18

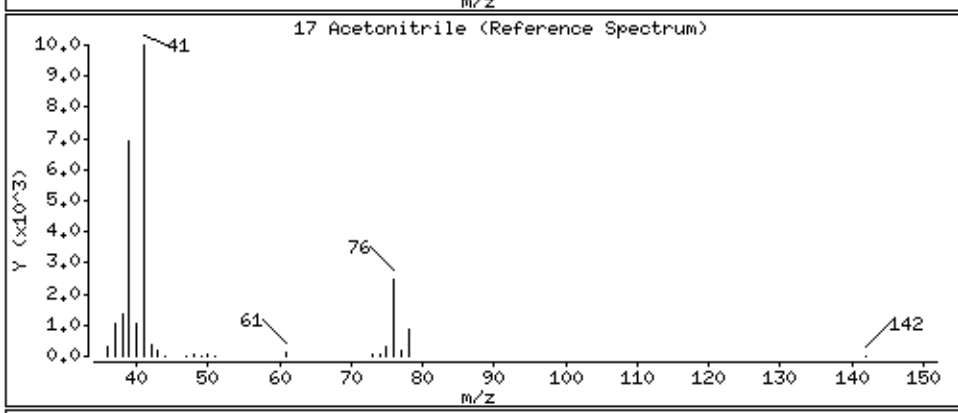
17 Acetonitrile

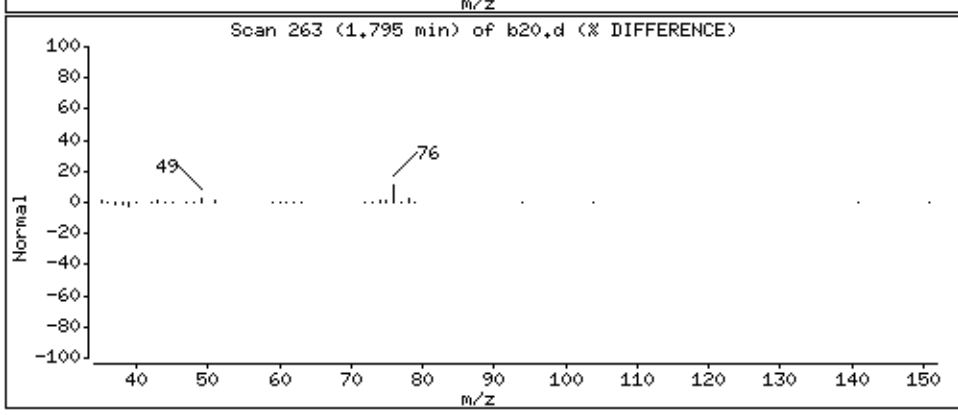
Concentration: 36.2 ppb

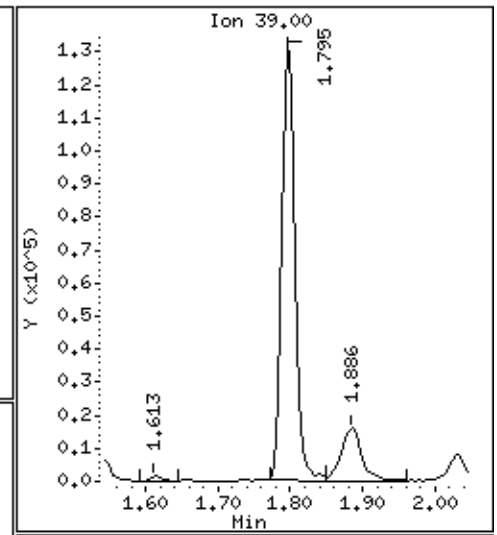
Review Code:

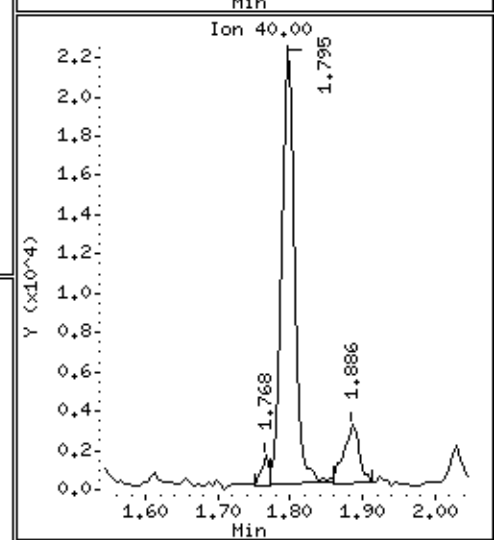


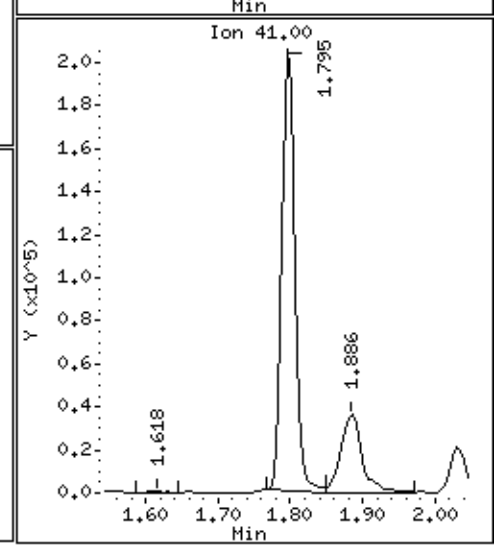












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

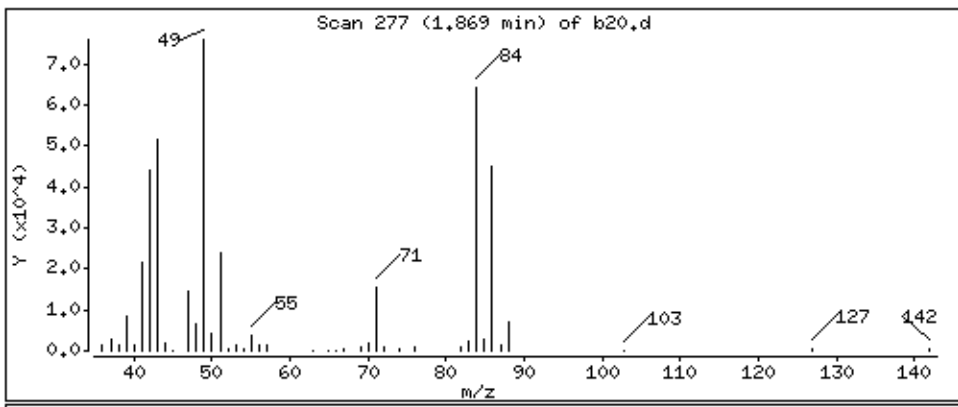
Column phase: DB-624

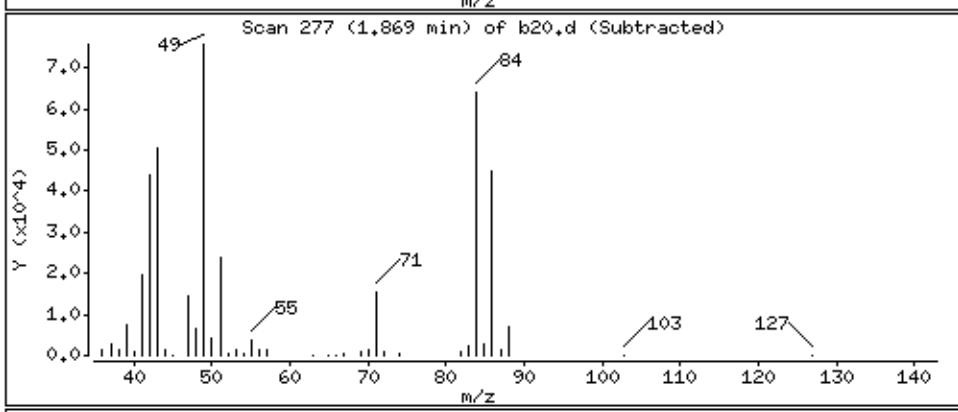
Column diameter: 0.18

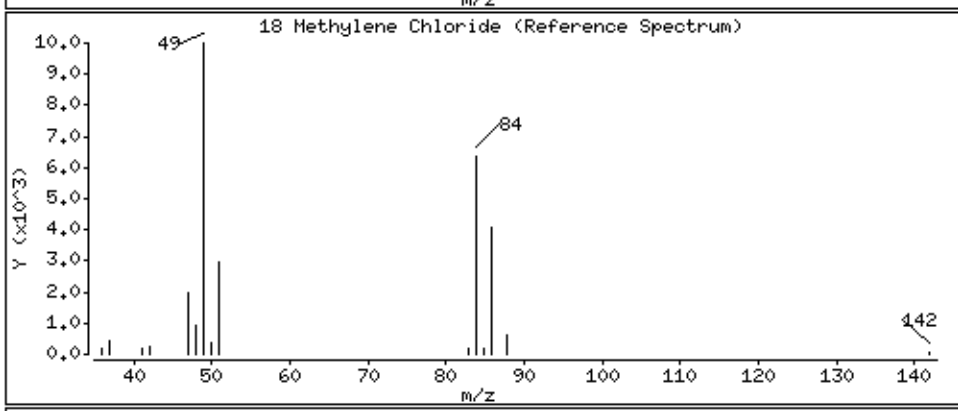
18 Methylene Chloride

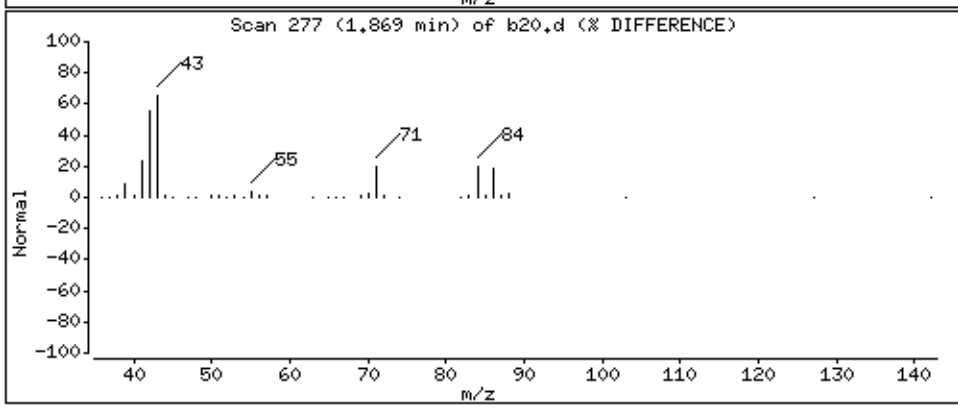
Concentration: 49.5 ppb

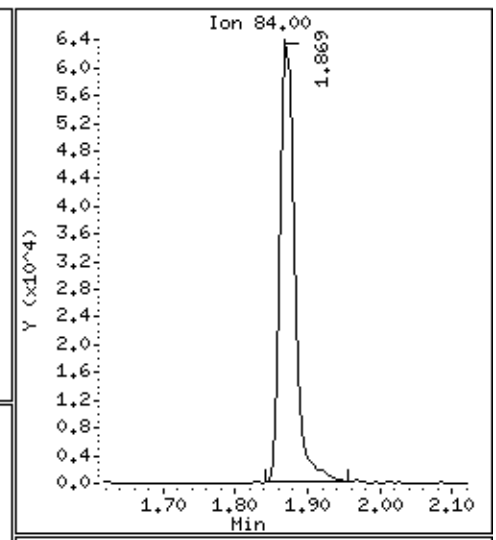
Review Code:

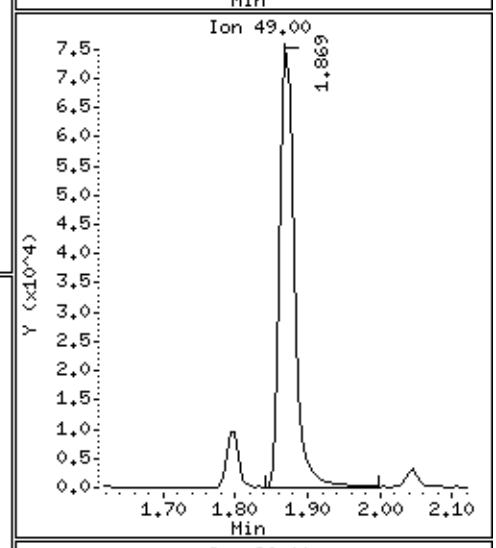


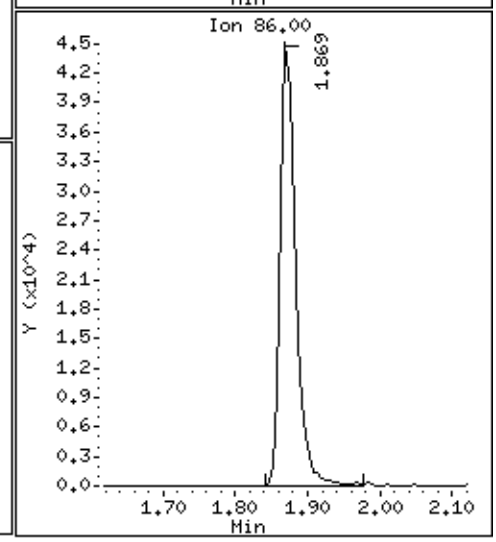












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

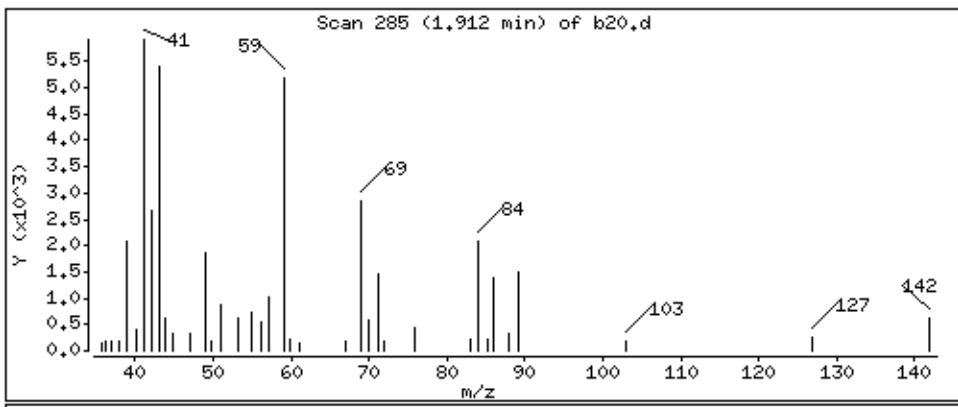
Column phase: DB-624

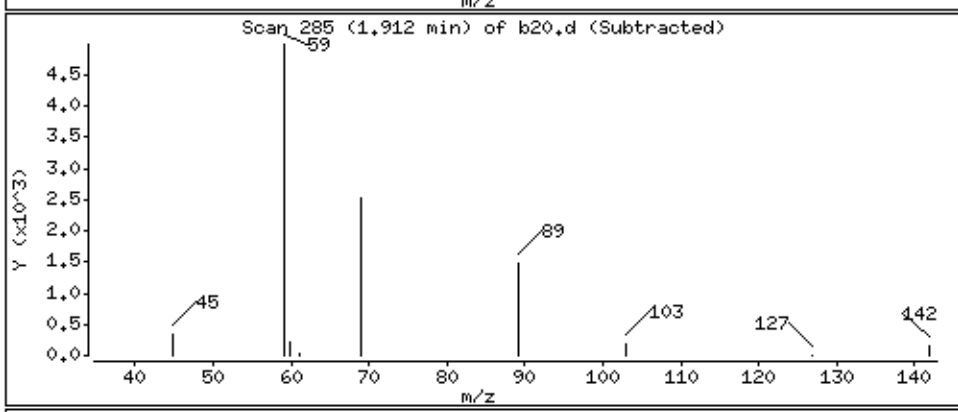
Column diameter: 0.18

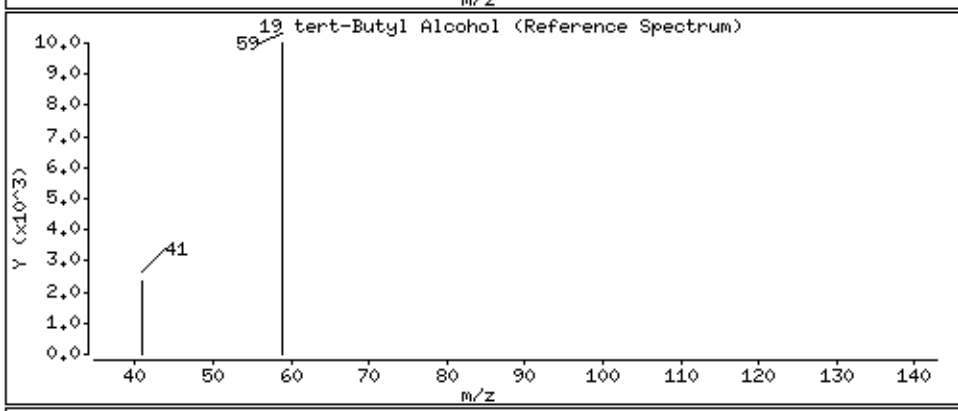
19 tert-Butyl Alcohol

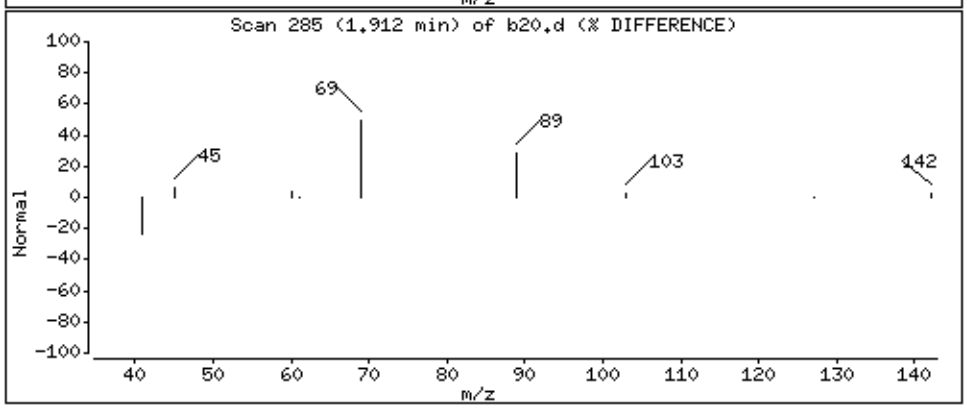
Concentration: 71.5 ppb

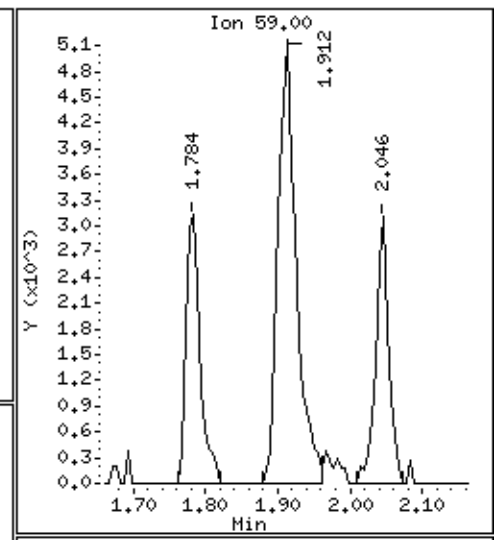
Review Code:

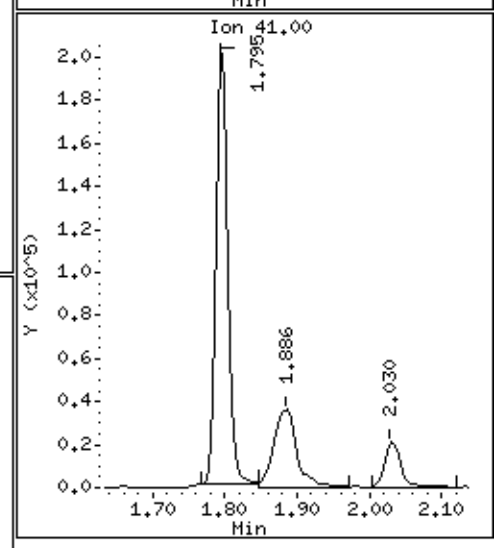












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

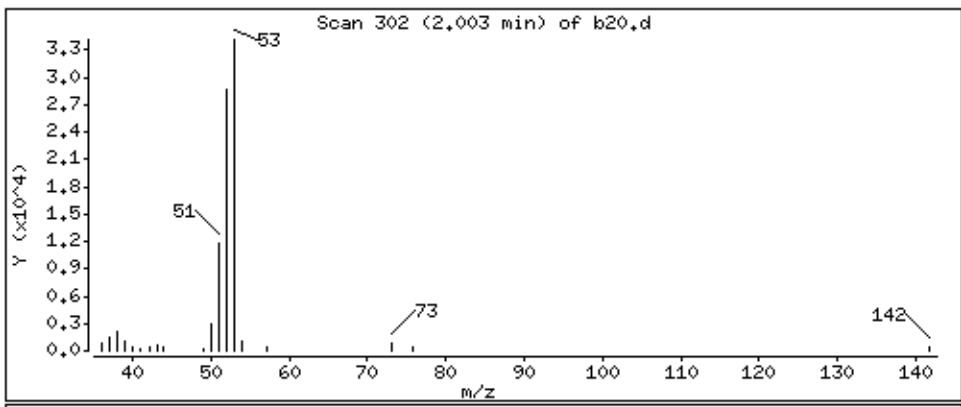
Column phase: DB-624

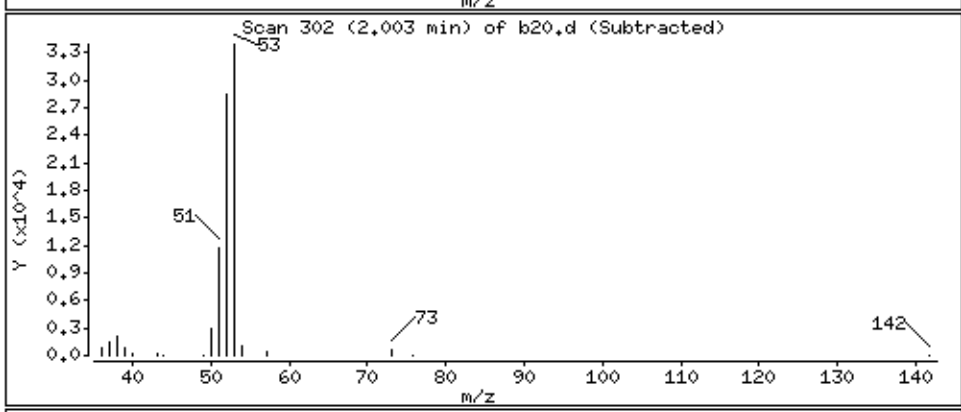
Column diameter: 0.18

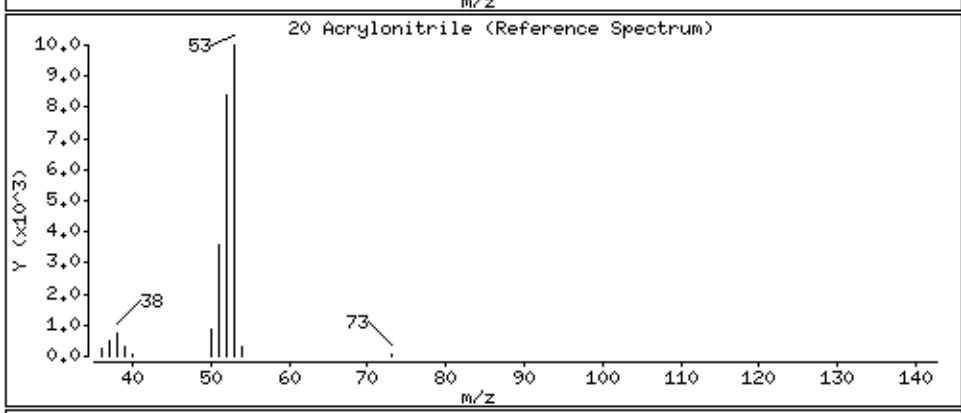
20 Acrylonitrile

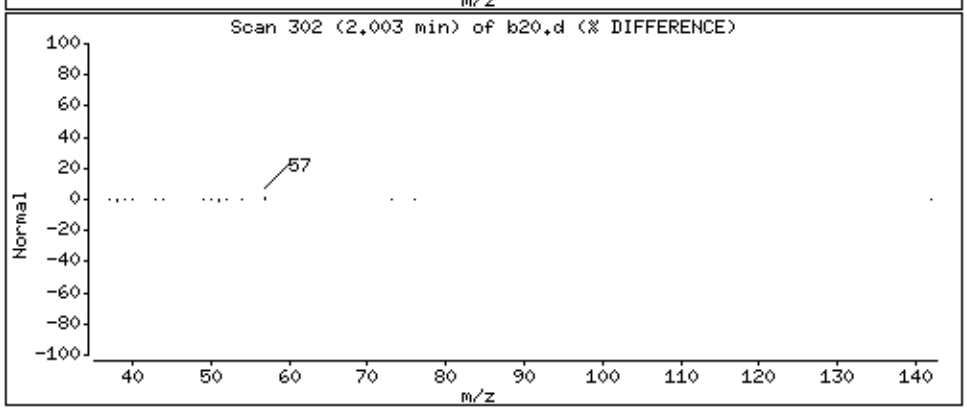
Concentration: 170 ppb

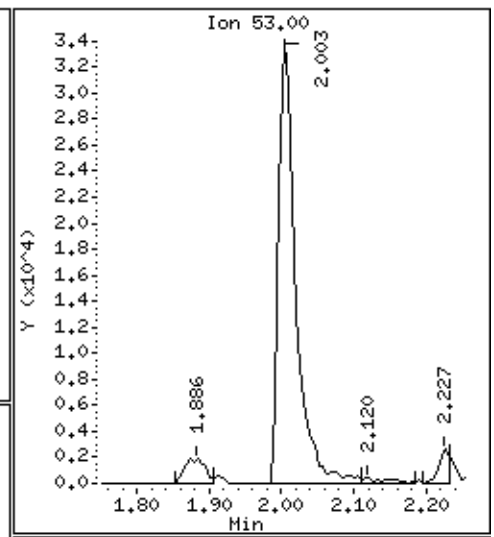
Review Code:

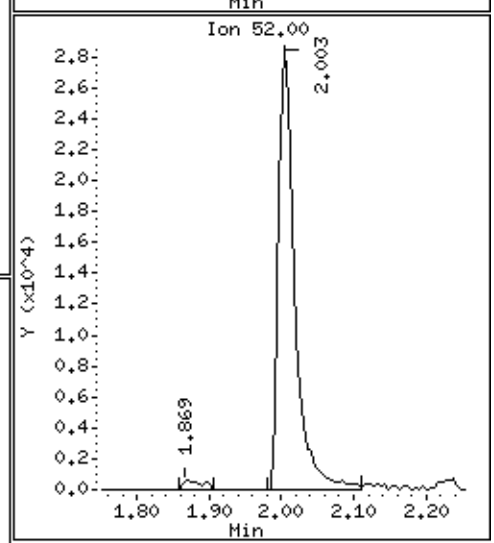












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

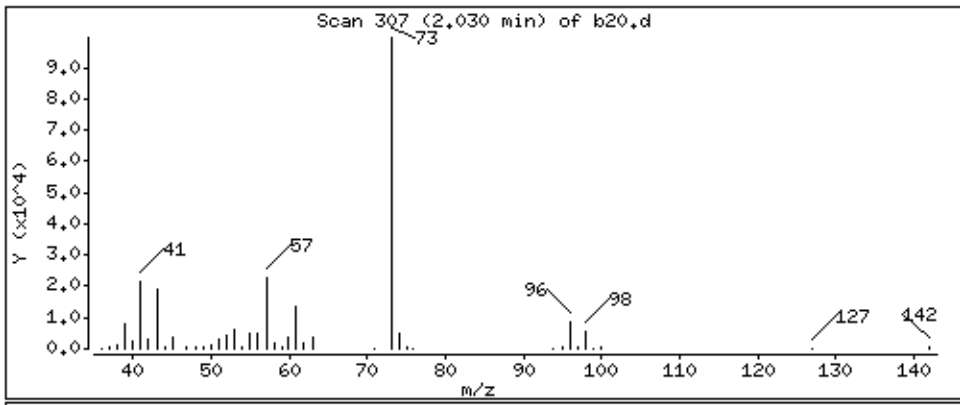
Column phase: DB-624

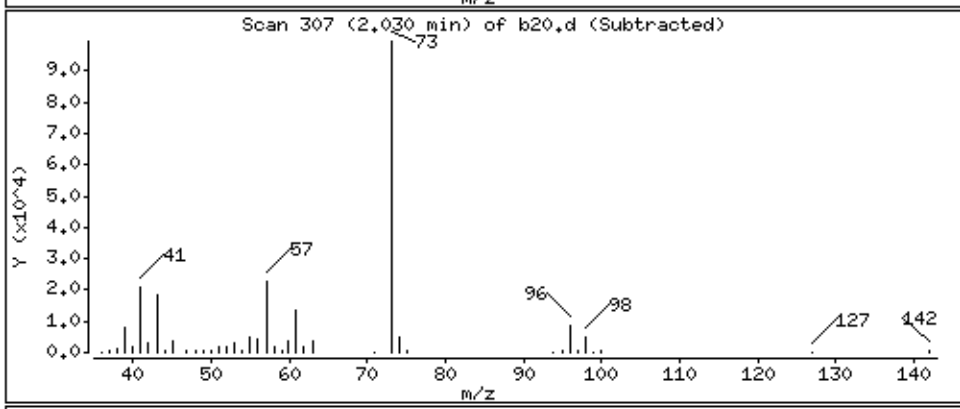
Column diameter: 0.18

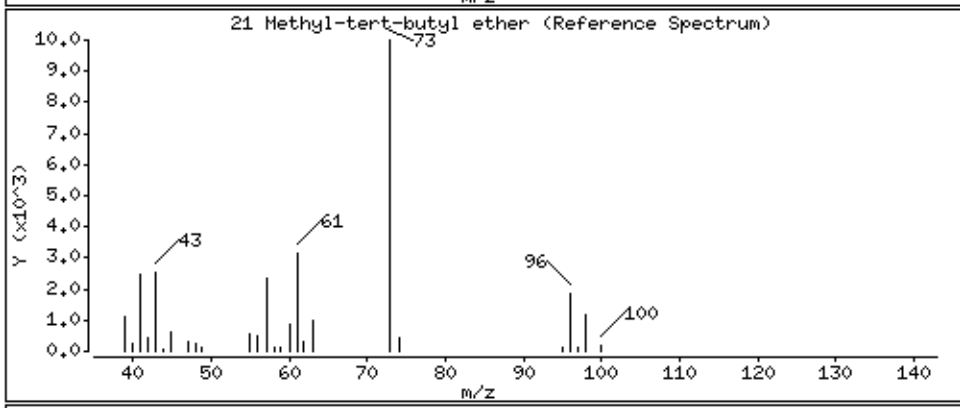
21 Methyl-tert-butyl ether

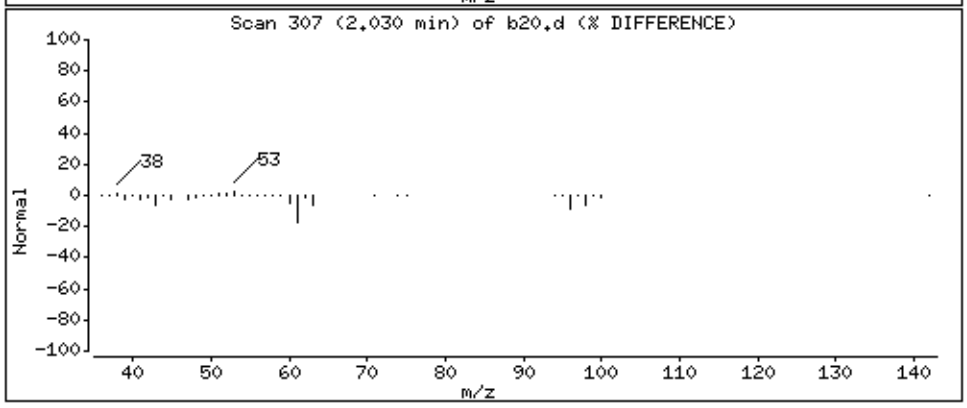
Concentration: 39.2 ppb

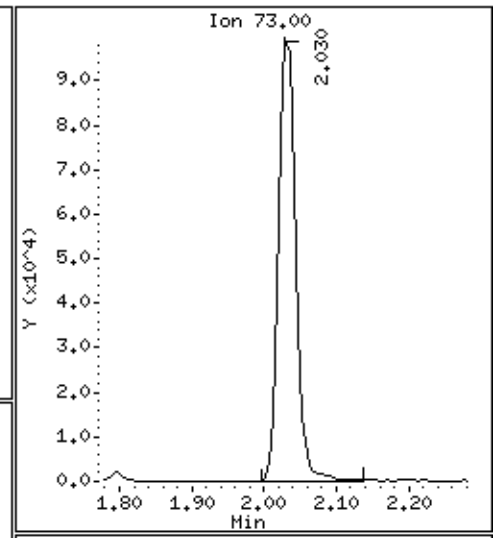
Review Code:

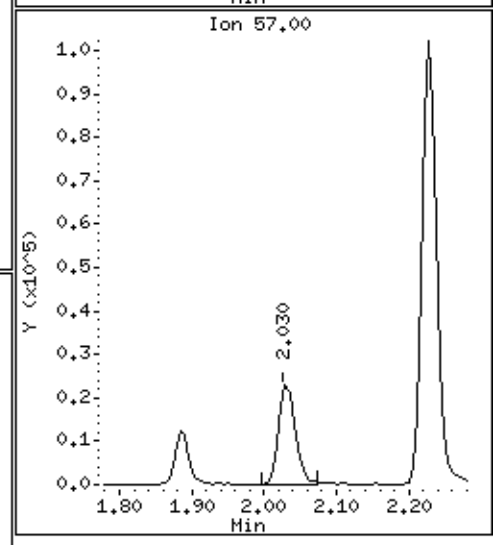












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

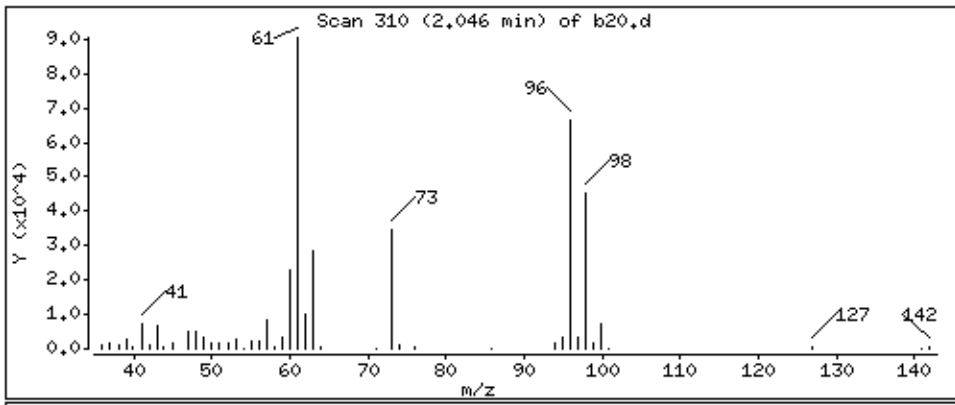
Column phase: DB-624

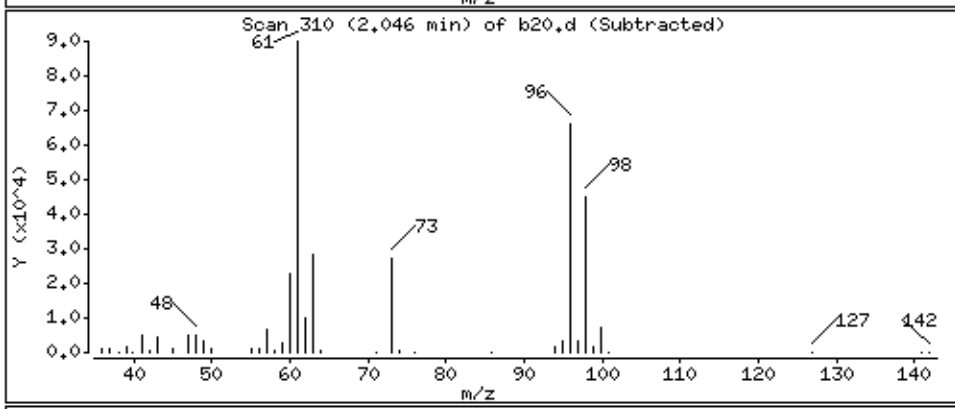
Column diameter: 0.18

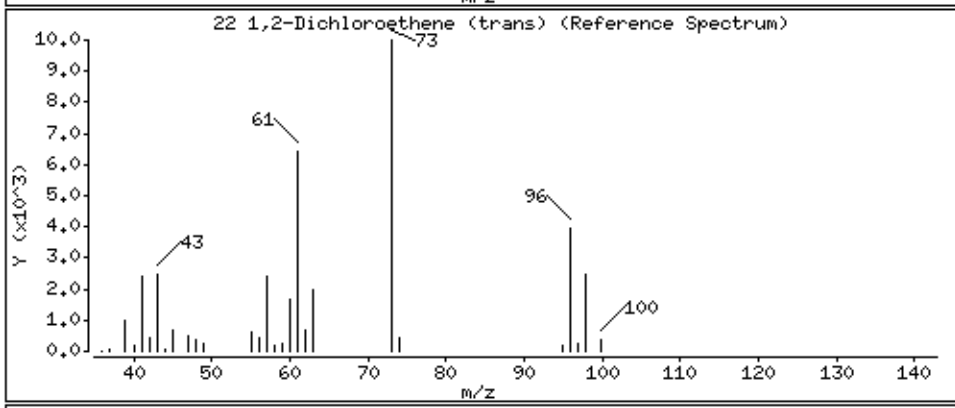
22 1,2-Dichloroethene (trans)

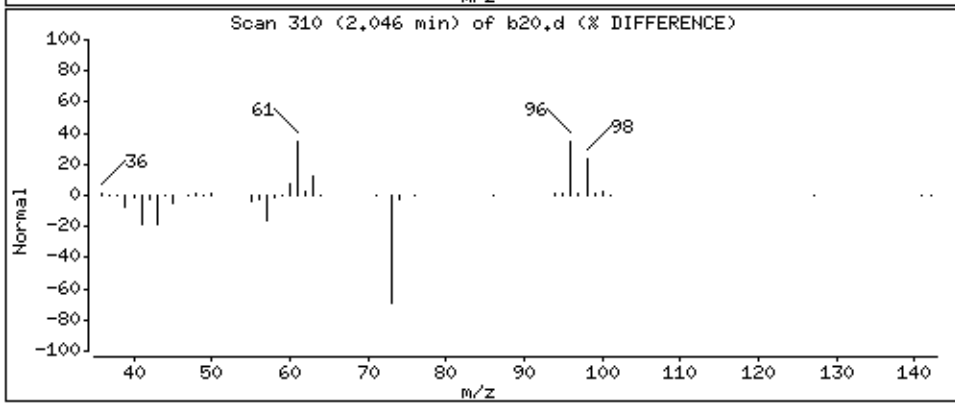
Concentration: 43.1 ppb

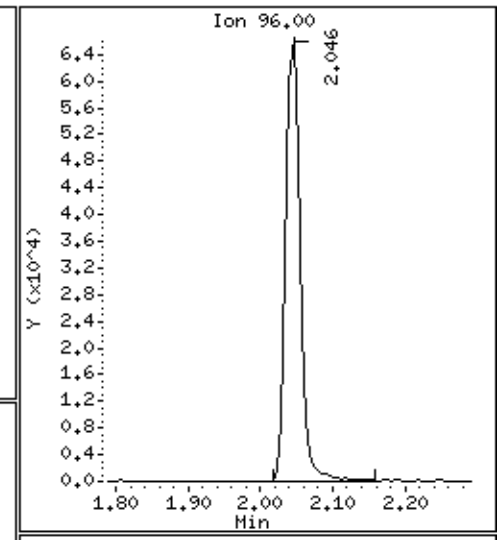
Review Code:

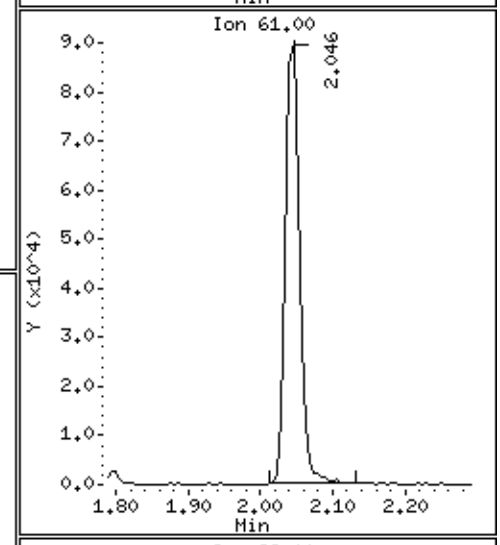


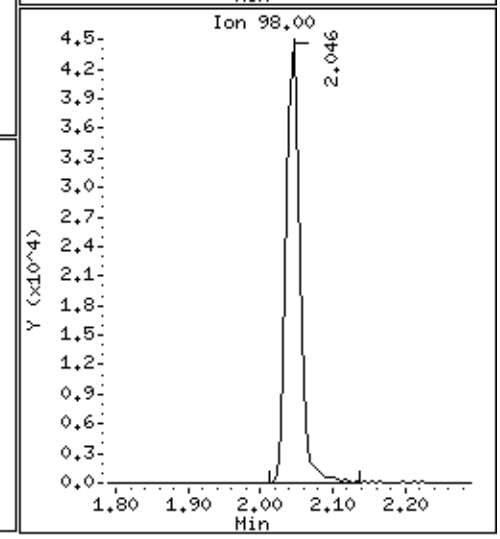












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

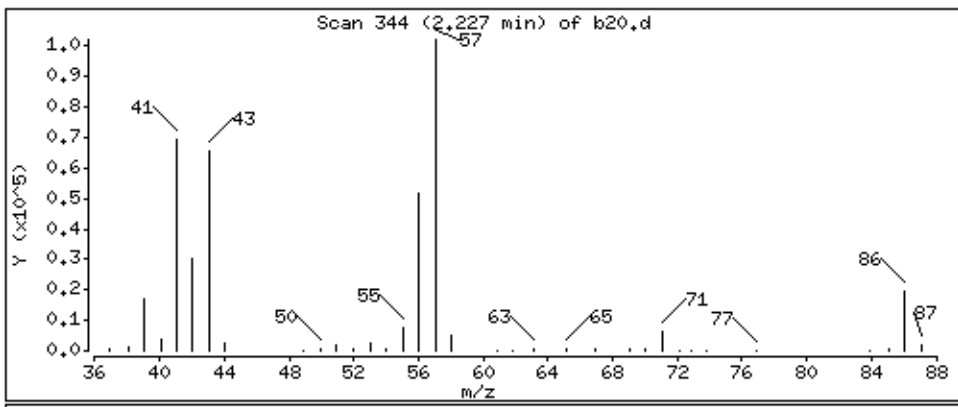
Column phase: DB-624

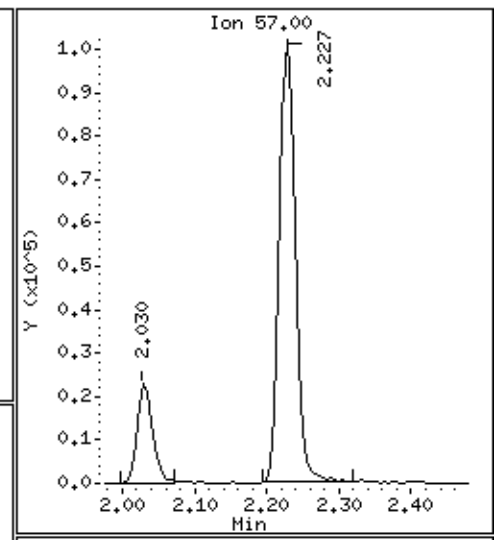
Column diameter: 0.18

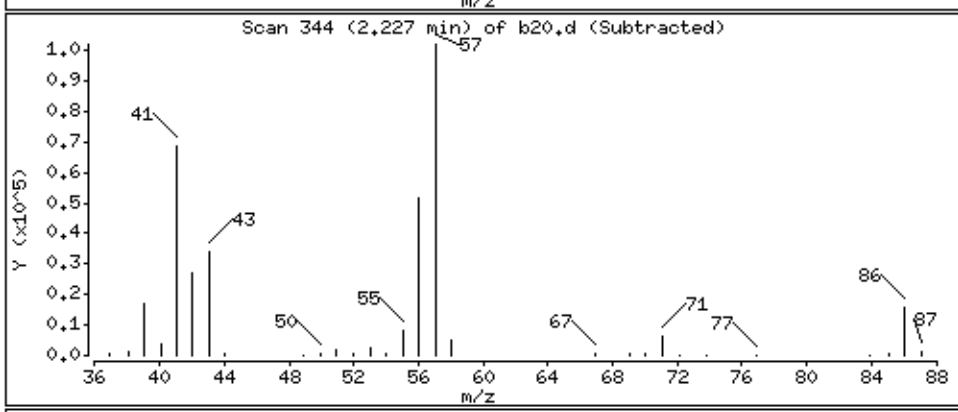
23 n-Hexane

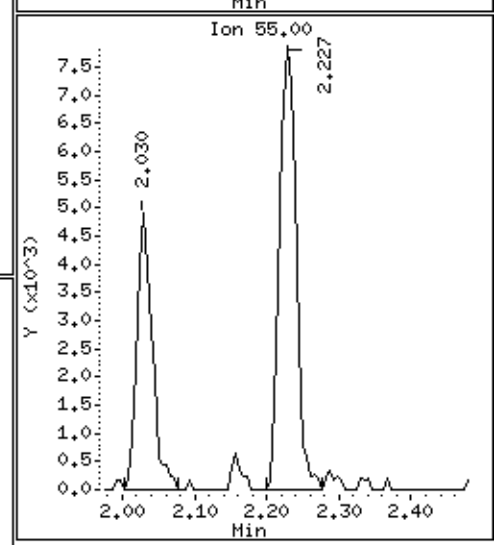
Concentration: 38.2 ppb

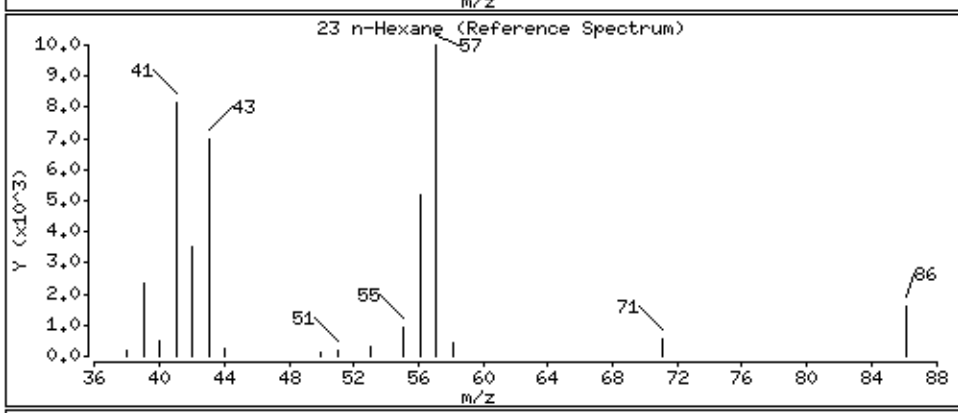
Review Code:

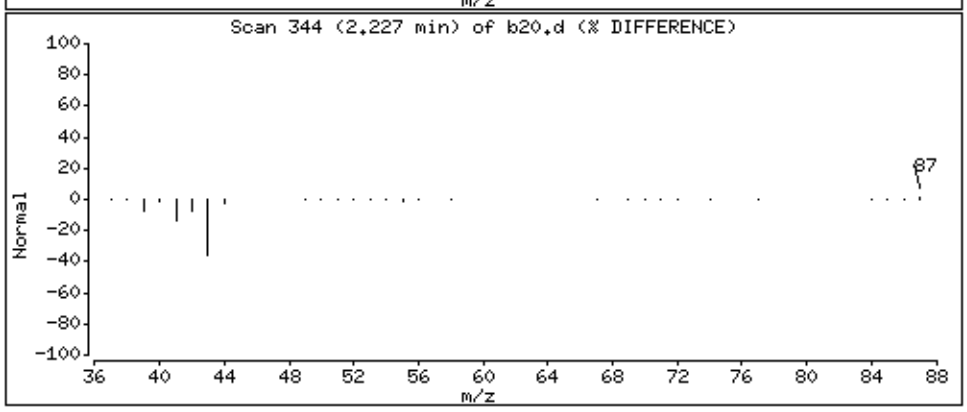












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

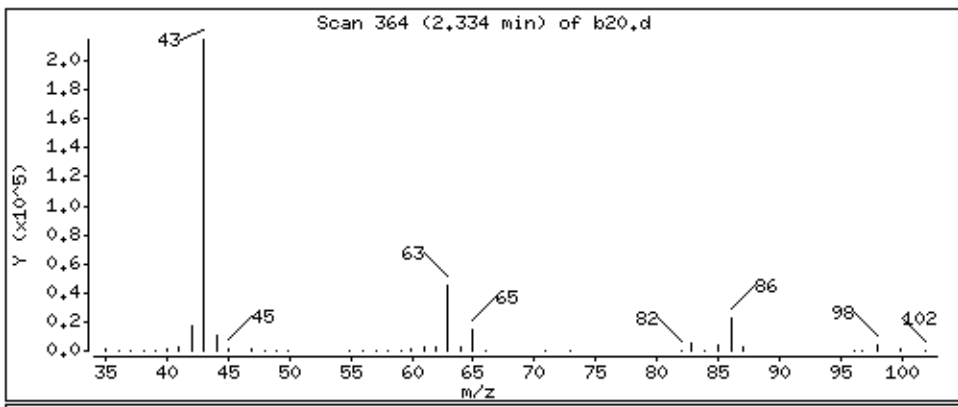
Column phase: DB-624

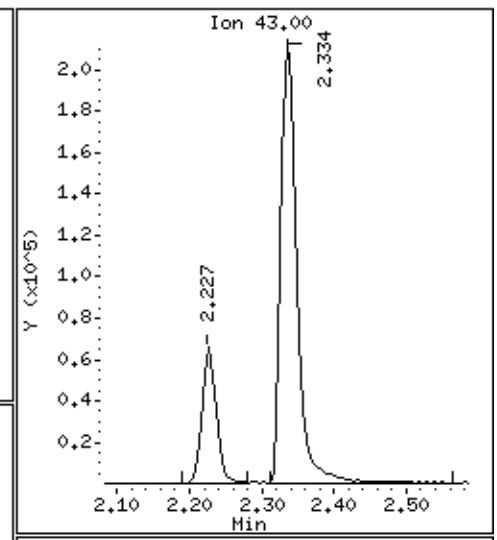
Column diameter: 0.18

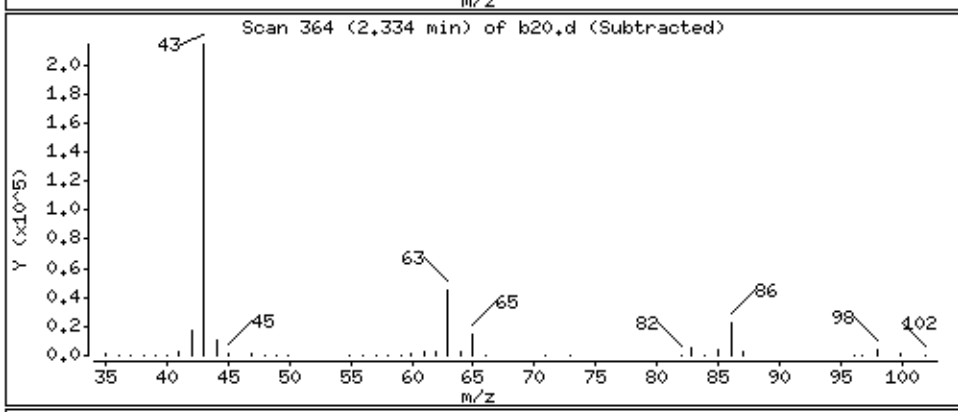
24 Vinyl Acetate

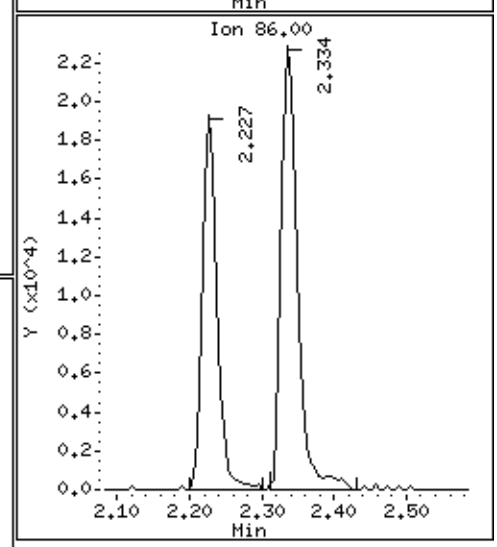
Concentration: 131 ppb

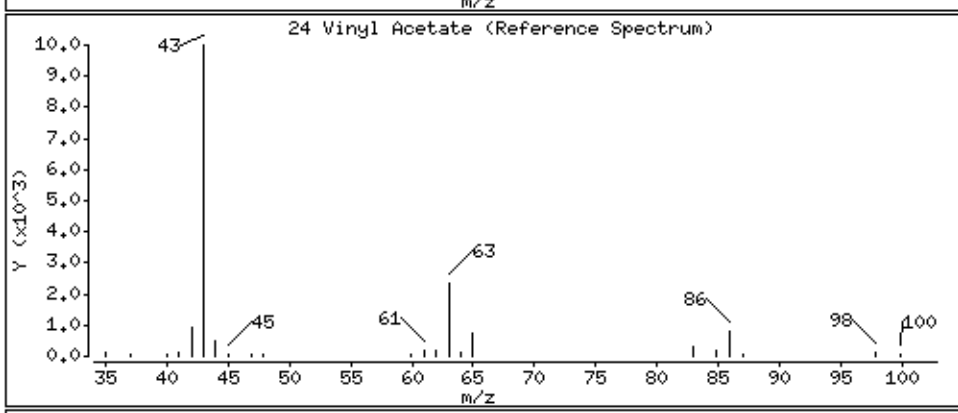
Review Code:

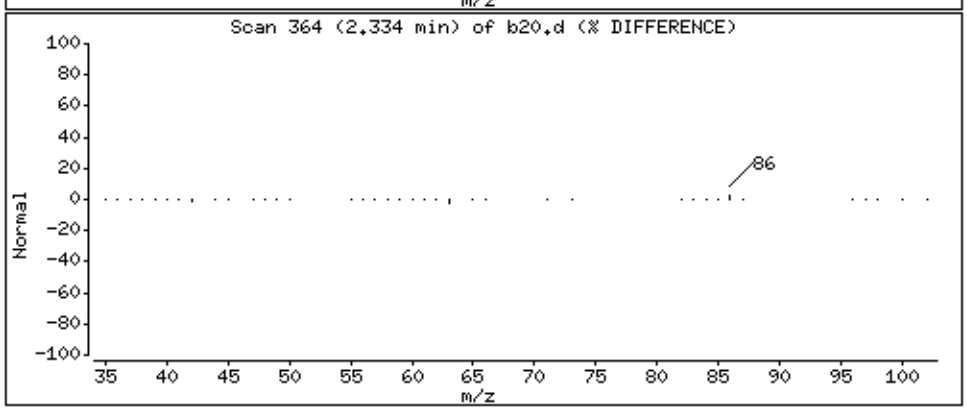












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

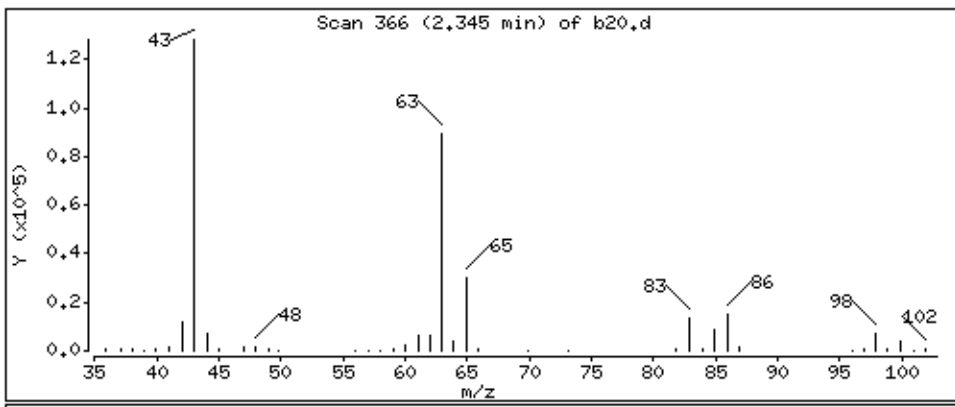
Column phase: DB-624

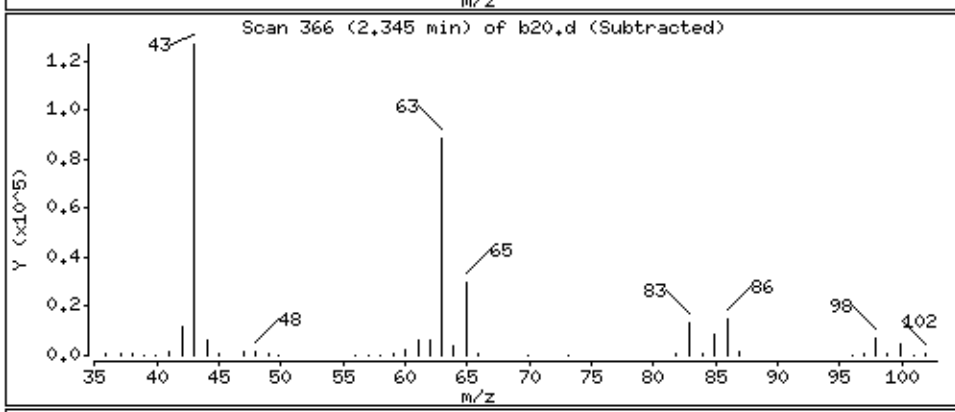
Column diameter: 0.18

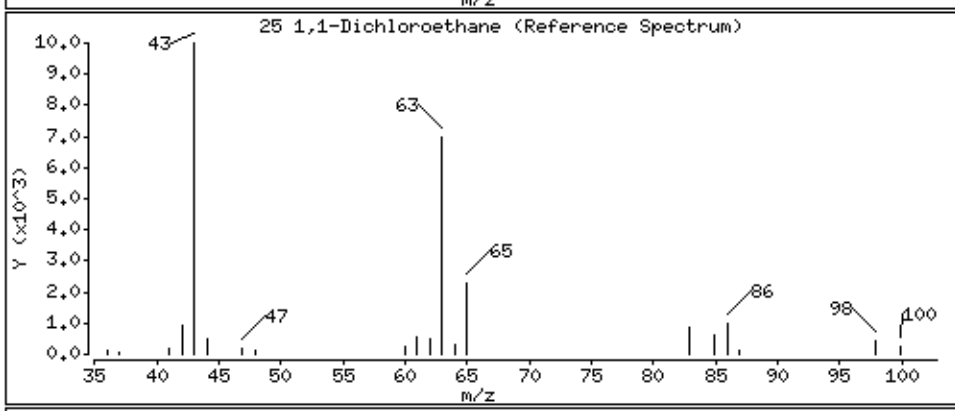
25 1,1-Dichloroethane

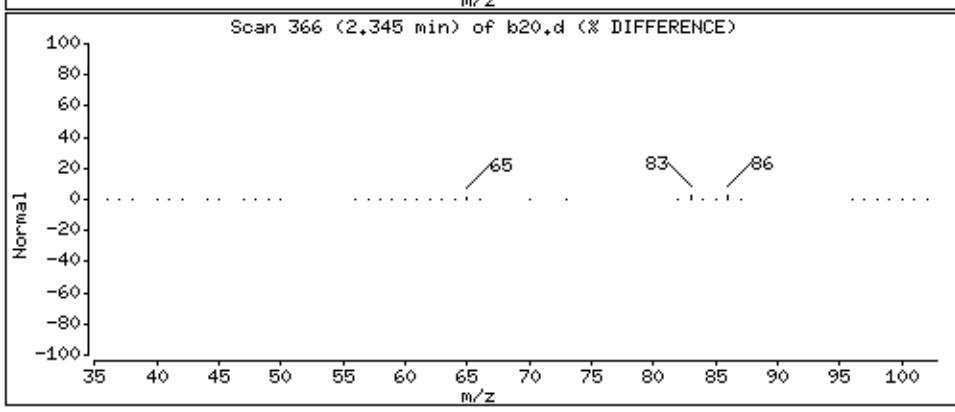
Concentration: 40.6 ppb

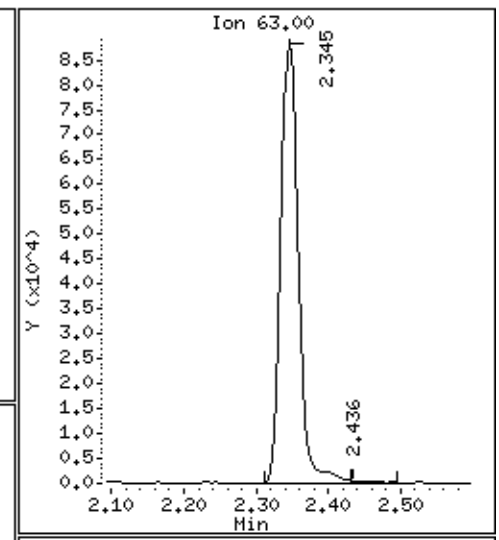
Review Code:

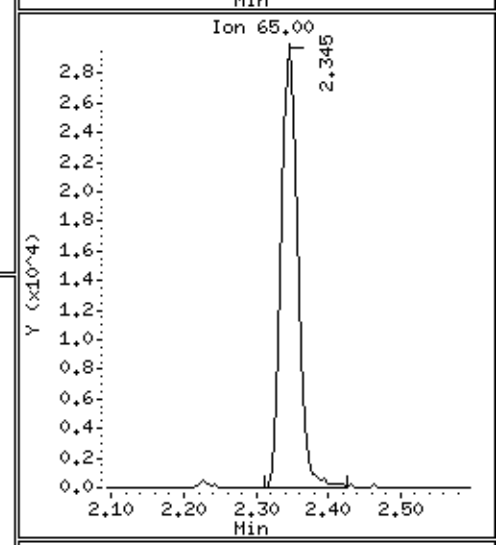


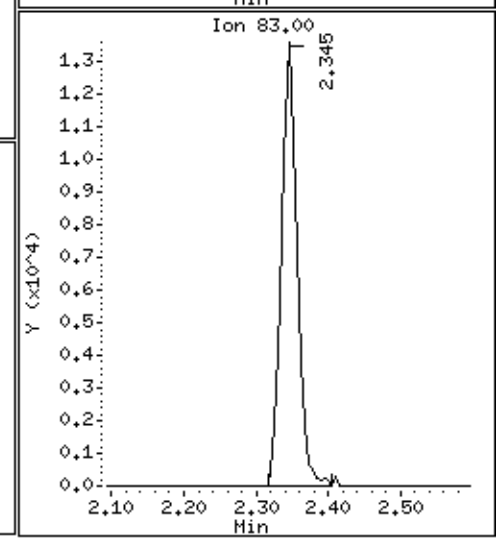












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

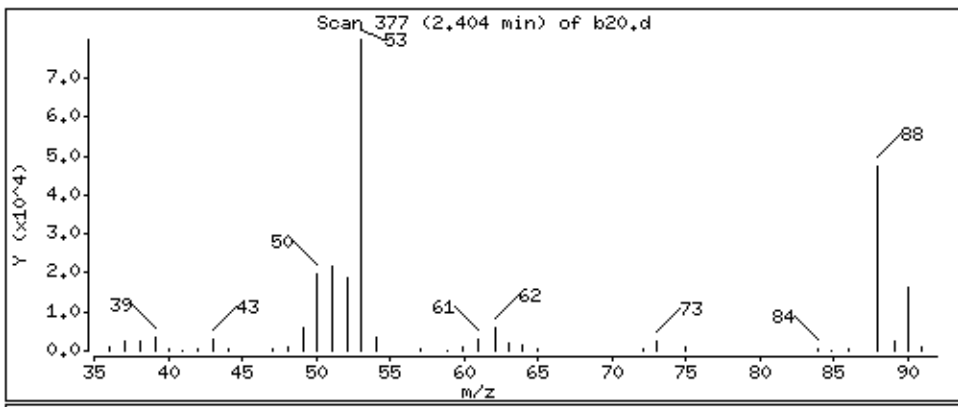
Column phase: DB-624

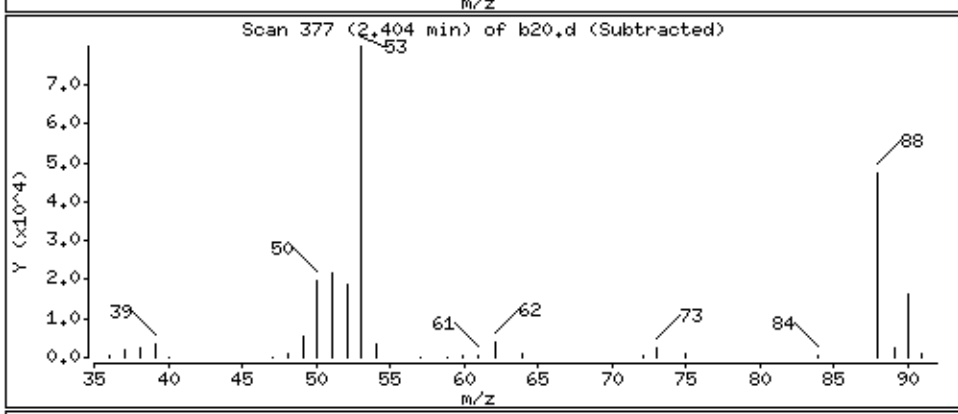
Column diameter: 0.18

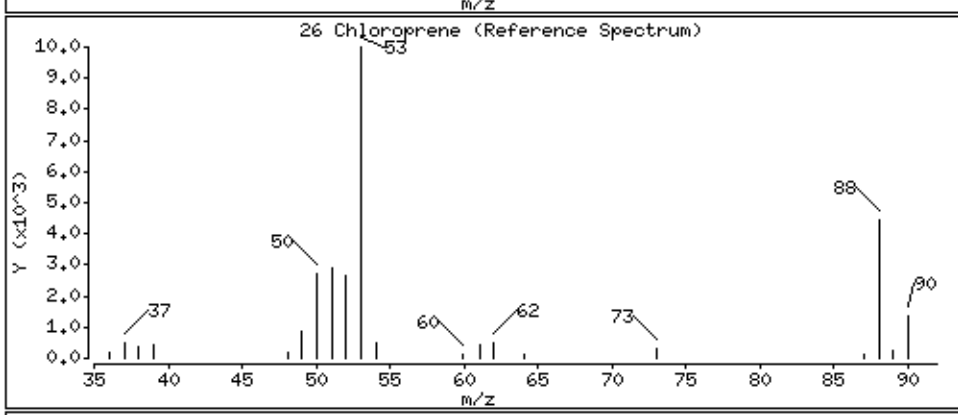
26 Chloroprene

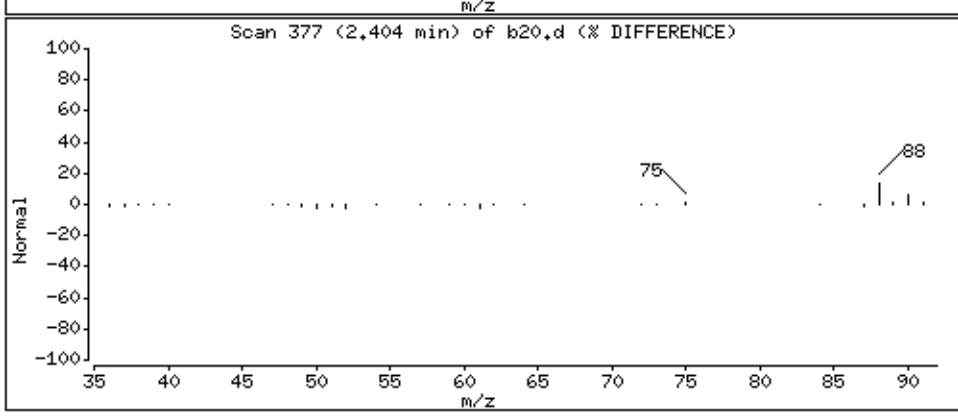
Concentration: 37.2 ppb

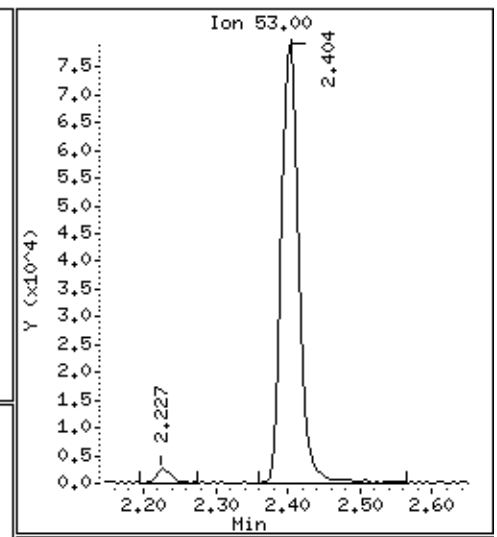
Review Code:

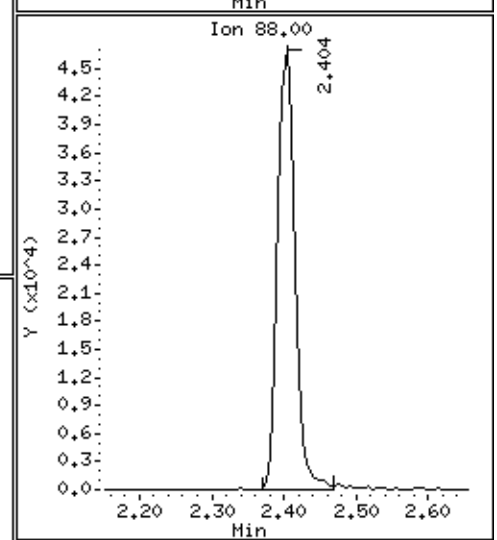


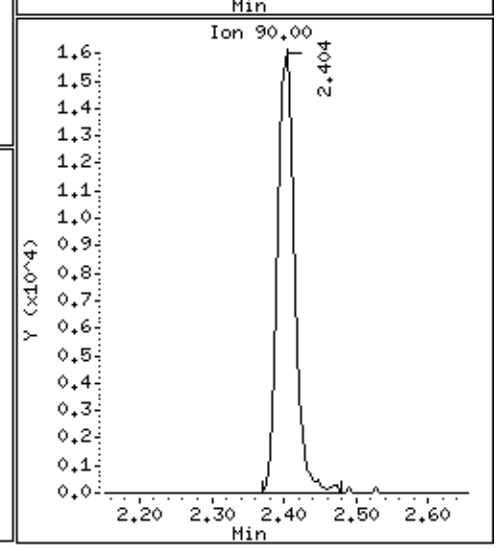












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

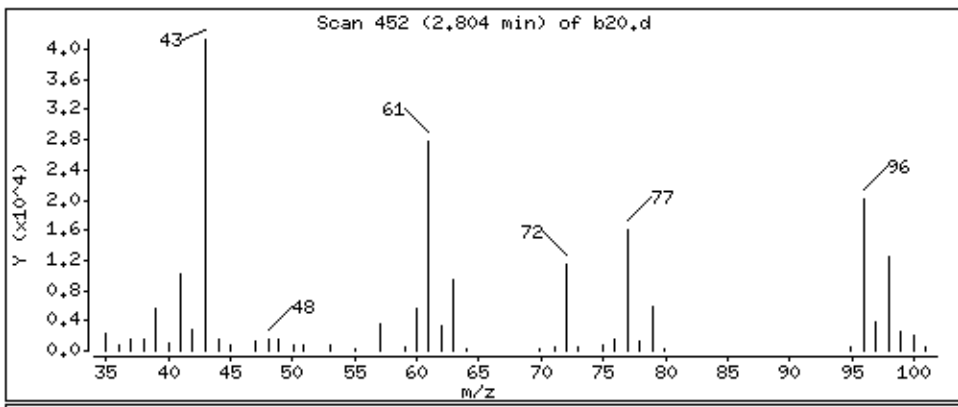
Column phase: DB-624

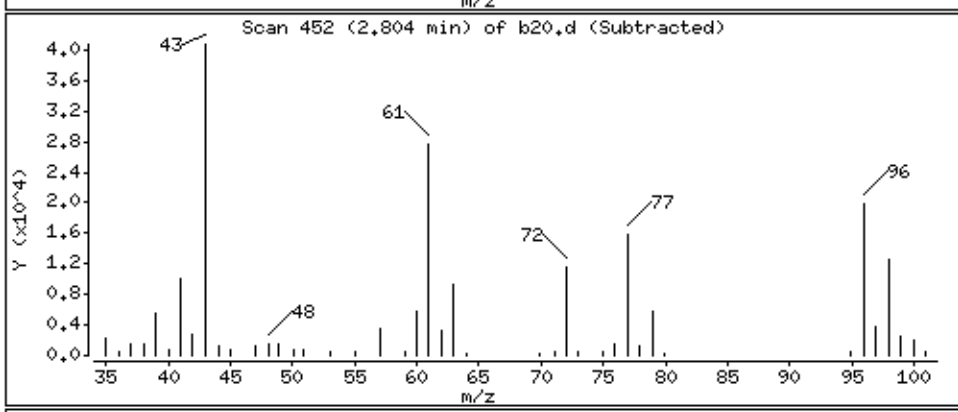
Column diameter: 0.18

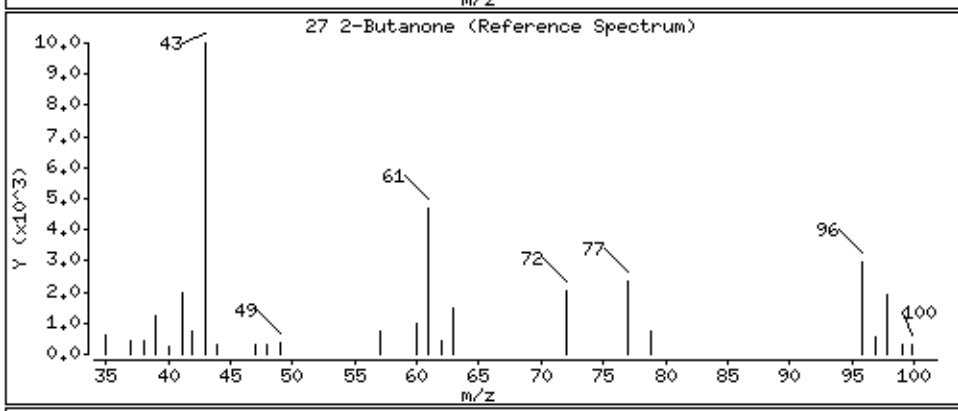
27 2-Butanone

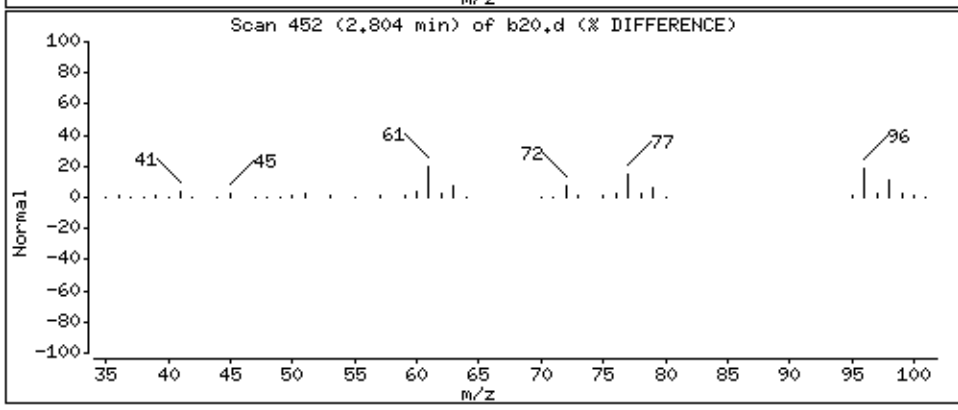
Concentration: 250 ppb

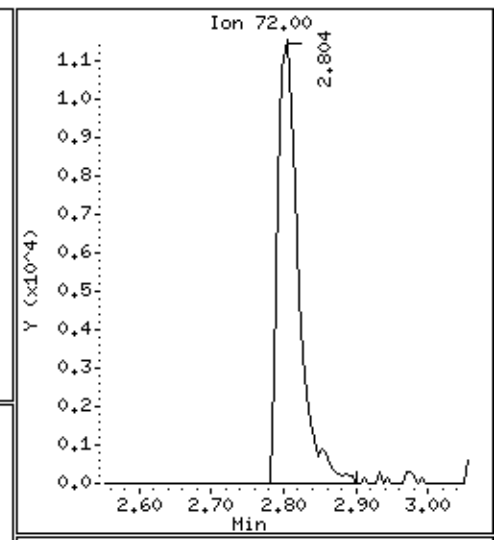
Review Code:

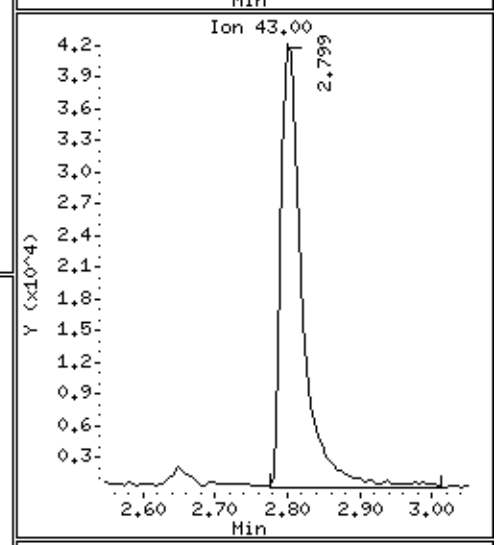


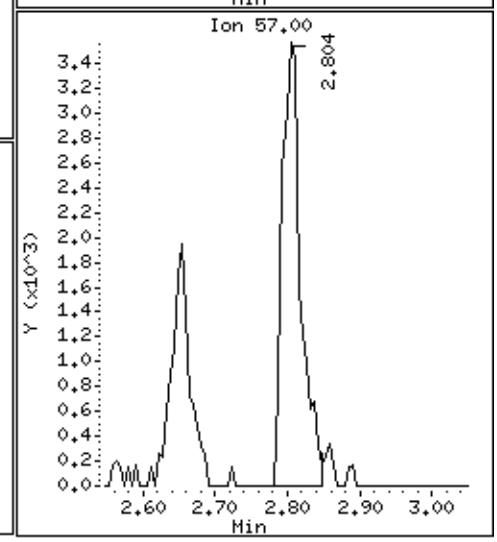












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

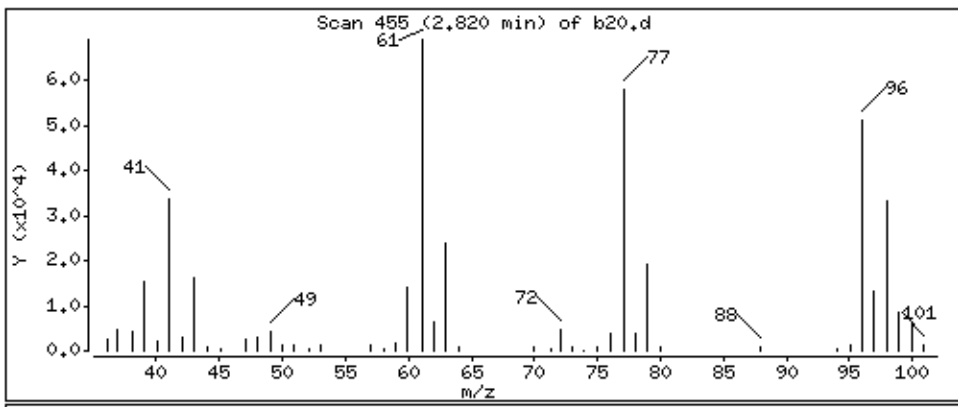
Column phase: DB-624

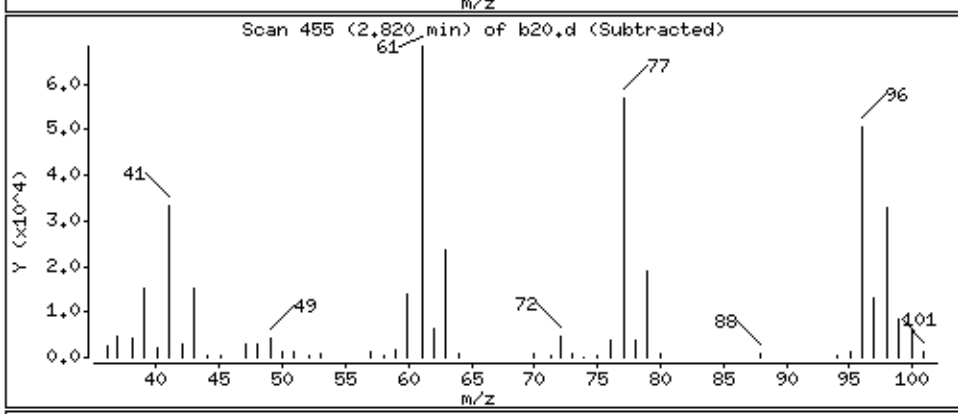
Column diameter: 0.18

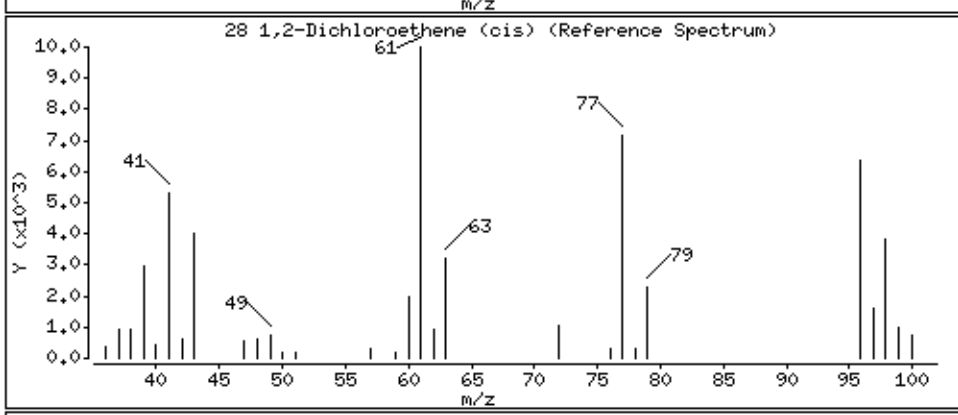
28 1,2-Dichloroethene (cis)

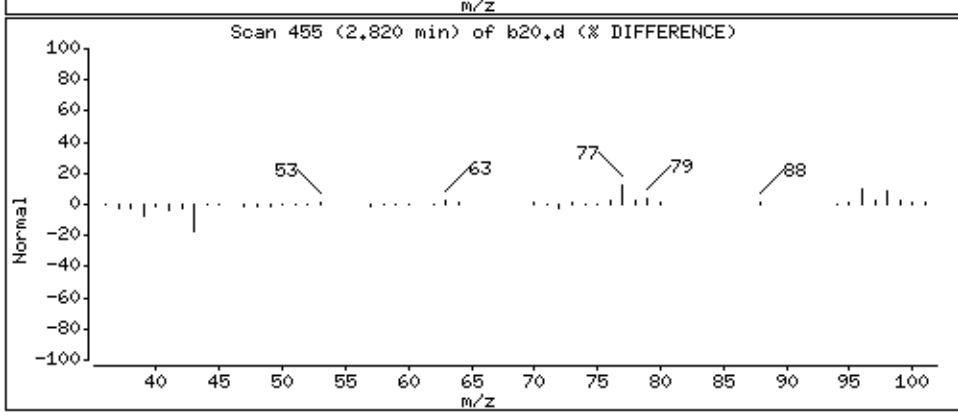
Concentration: 42.1 ppb

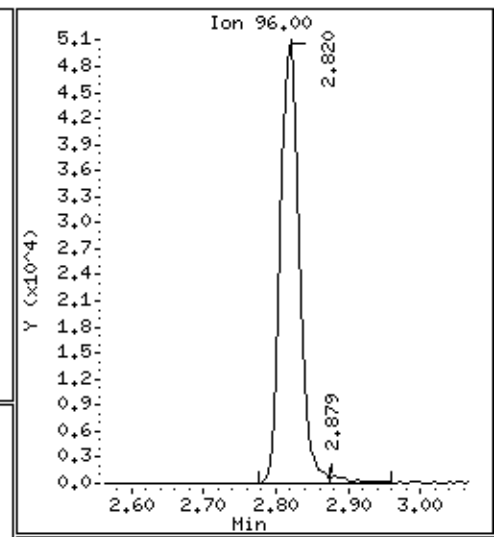
Review Code:

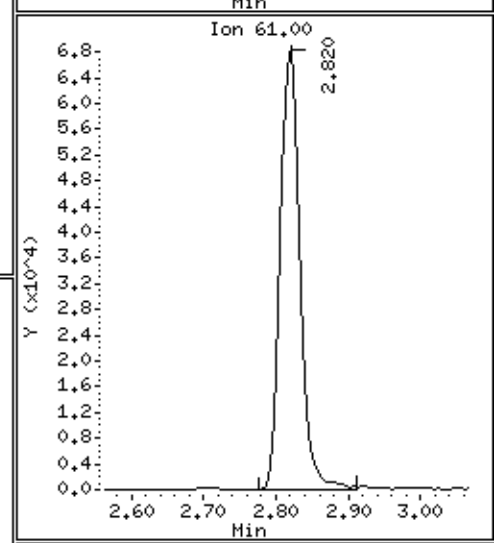


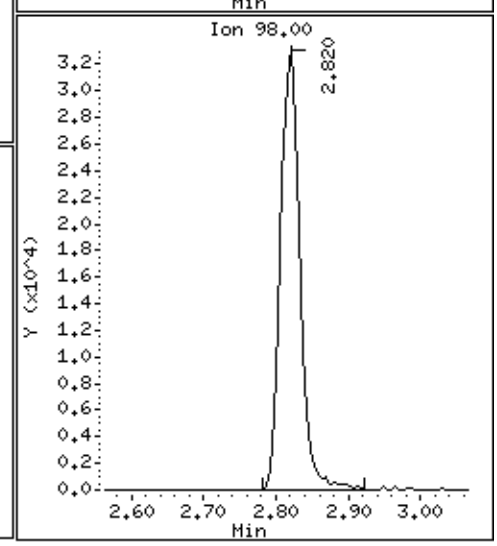












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

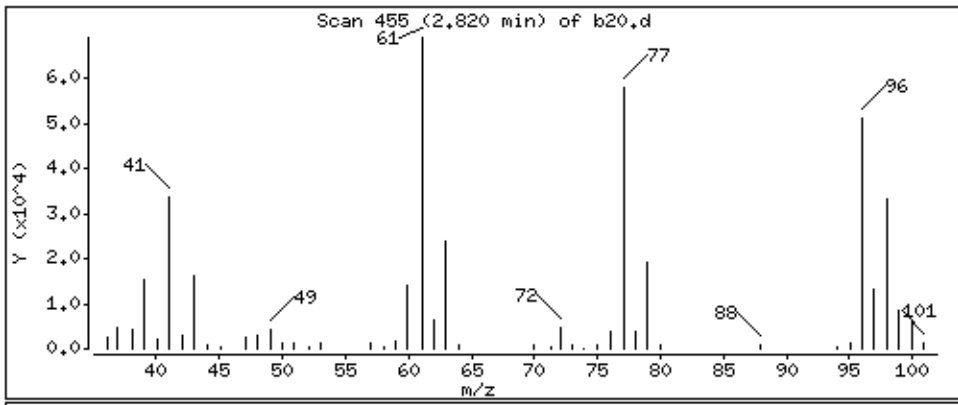
Column phase: DB-624

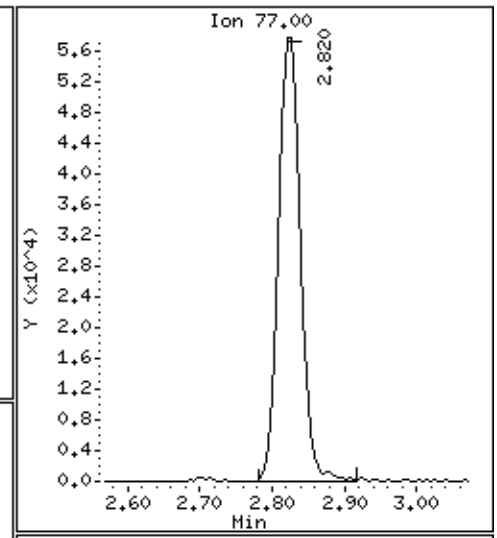
Column diameter: 0.18

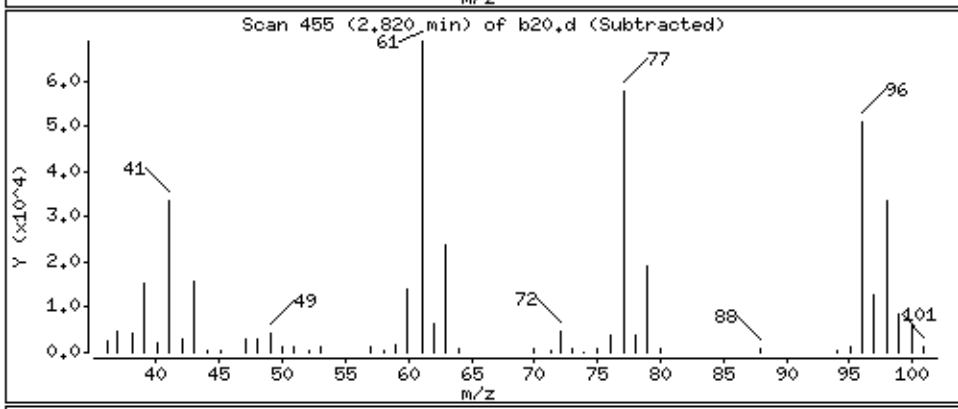
29 2,2-Dichloropropane

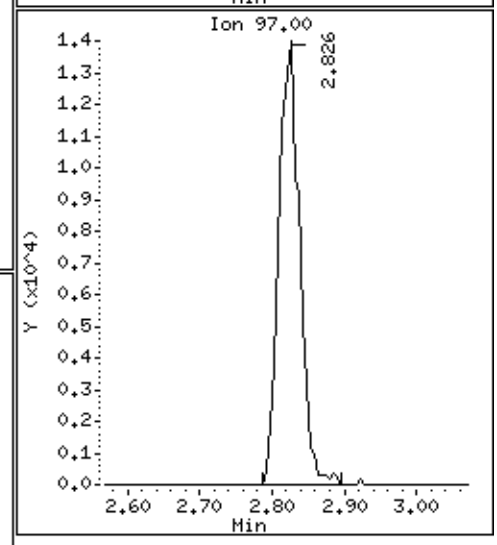
Concentration: 36.1 ppb

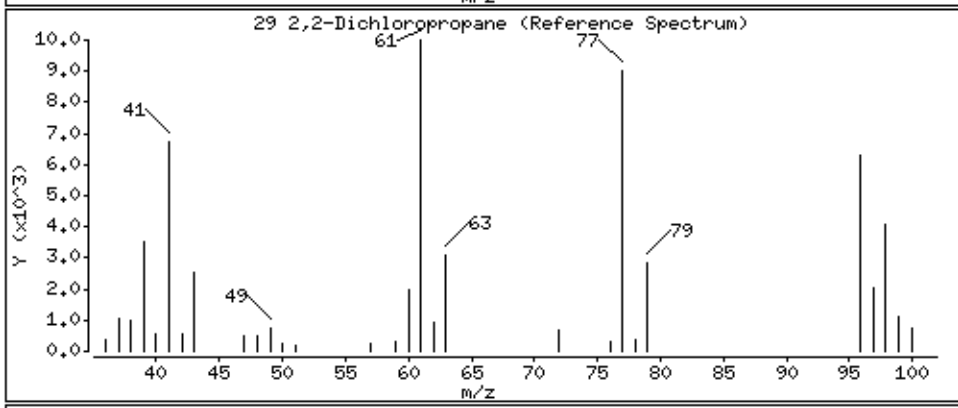
Review Code:

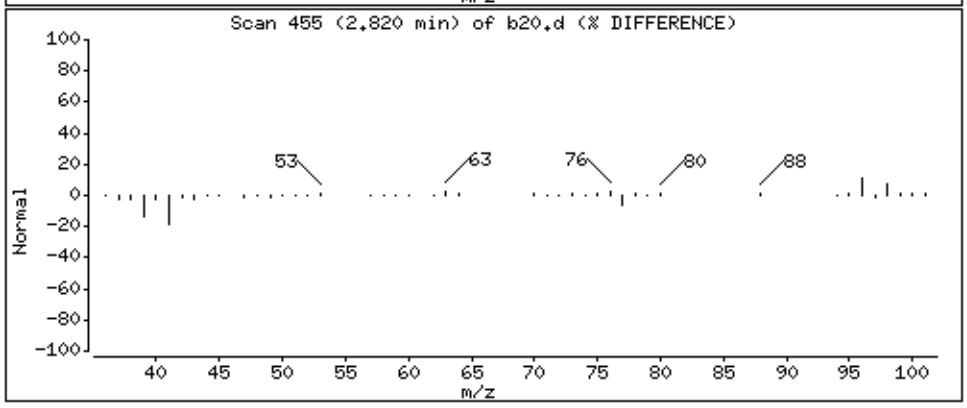












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

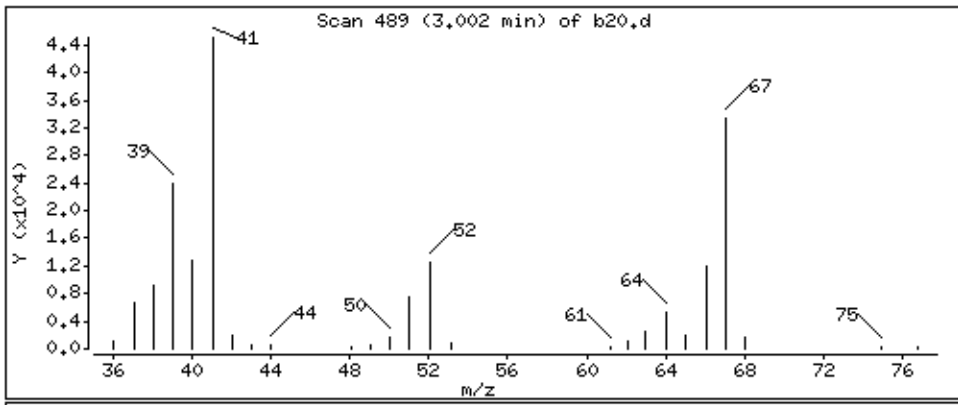
Column phase: DB-624

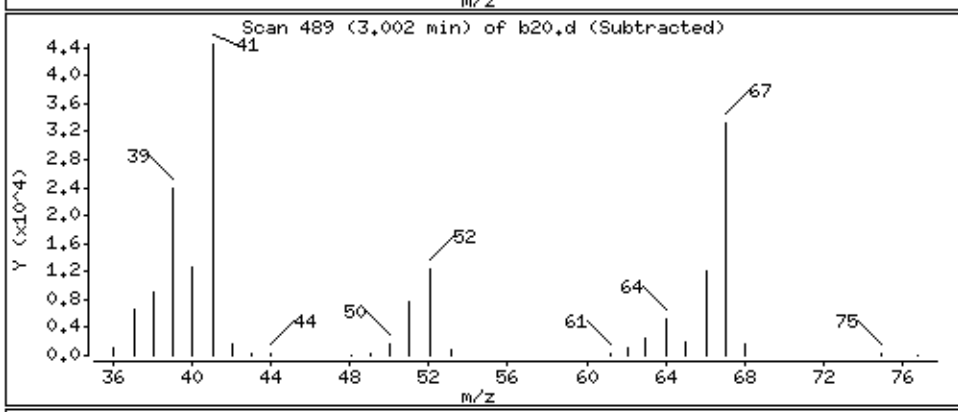
Column diameter: 0.18

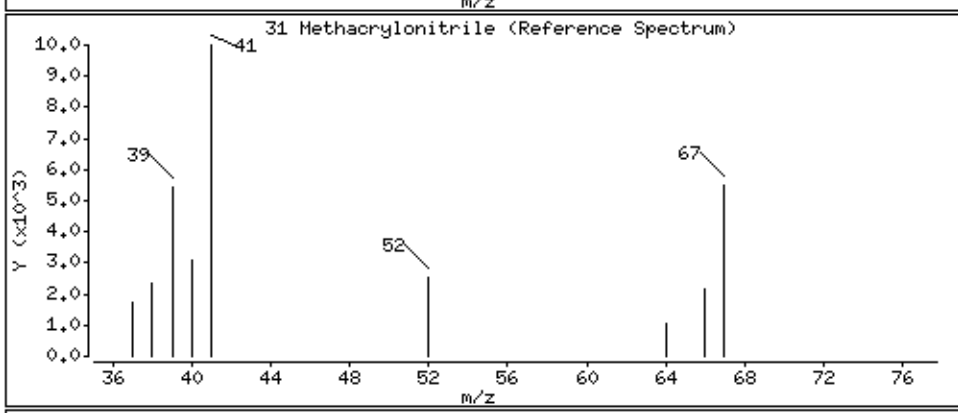
31 Methacrylonitrile

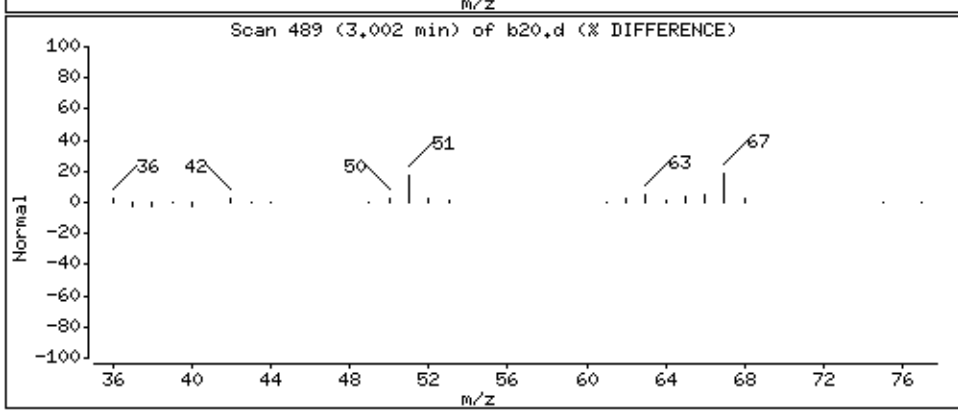
Concentration: 178 ppb

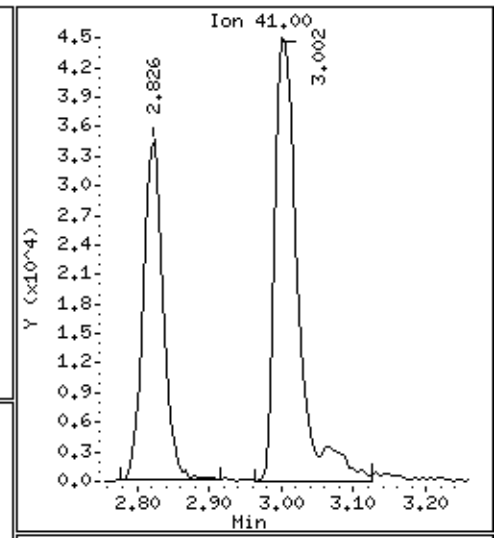
Review Code:

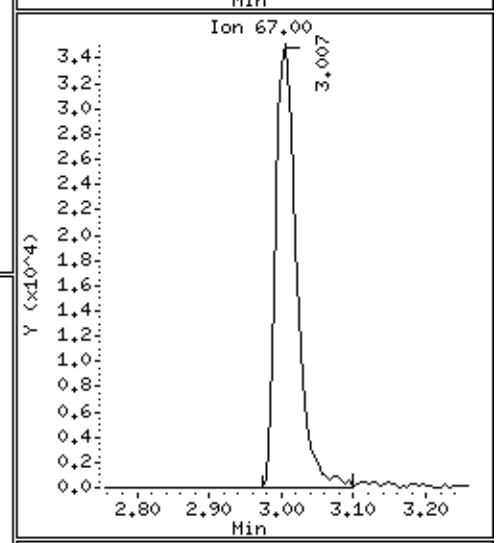


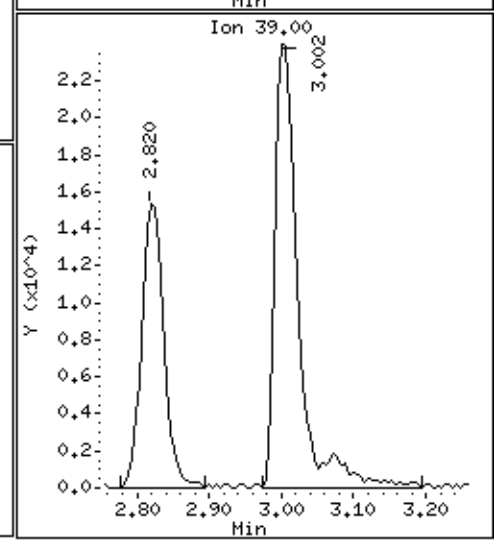












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

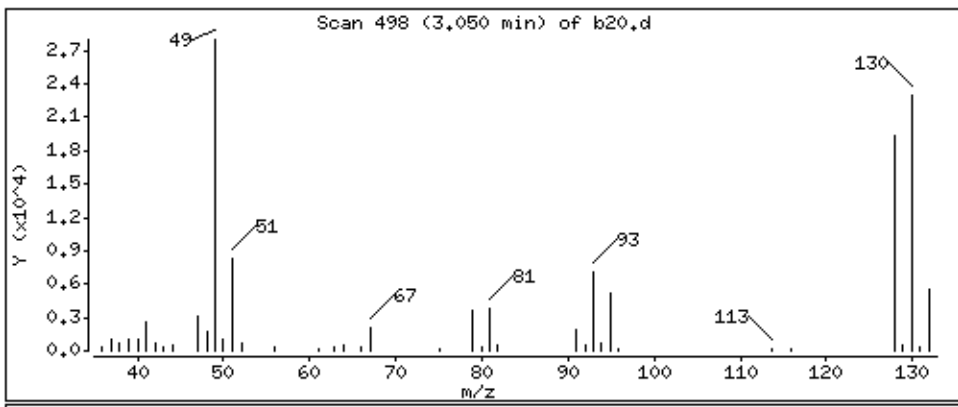
Column phase: DB-624

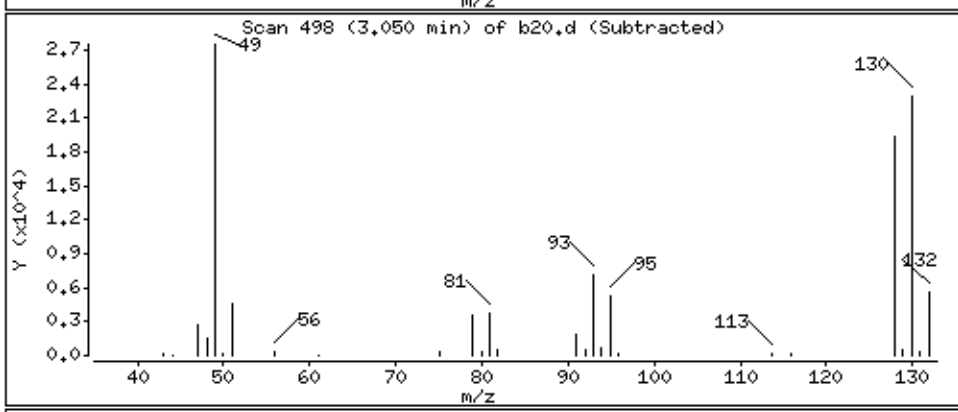
Column diameter: 0.18

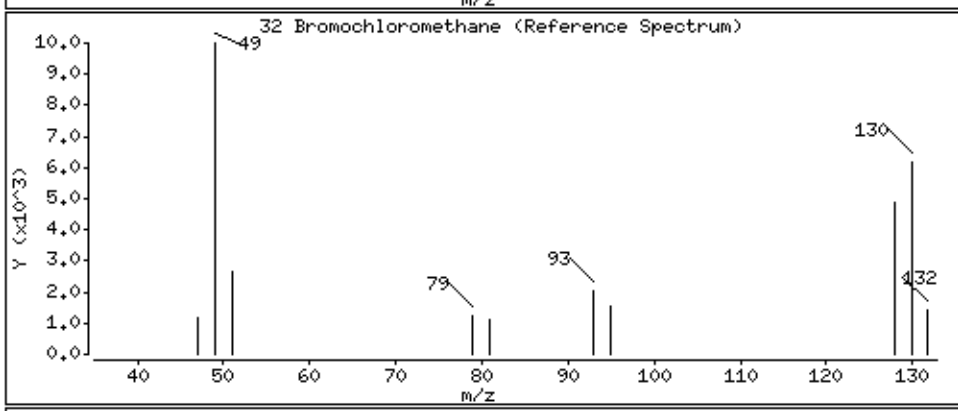
32 Bromochloromethane

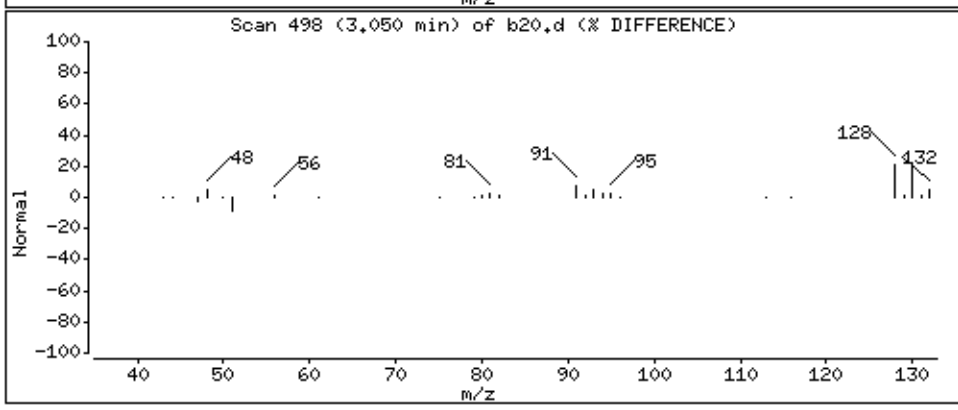
Concentration: 41.7 ppb

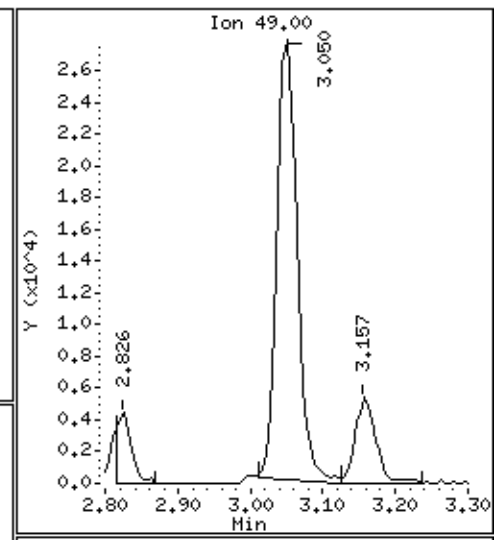
Review Code:

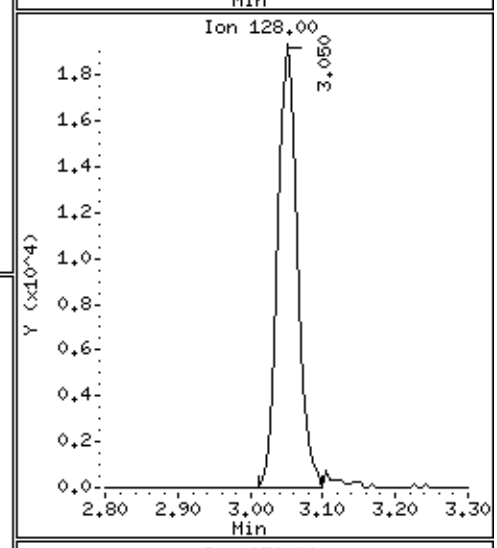


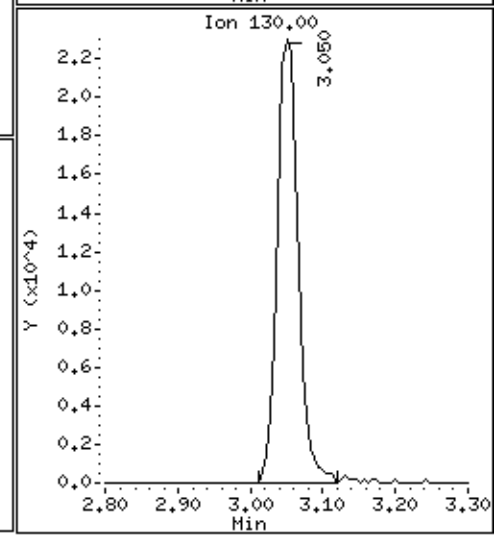












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

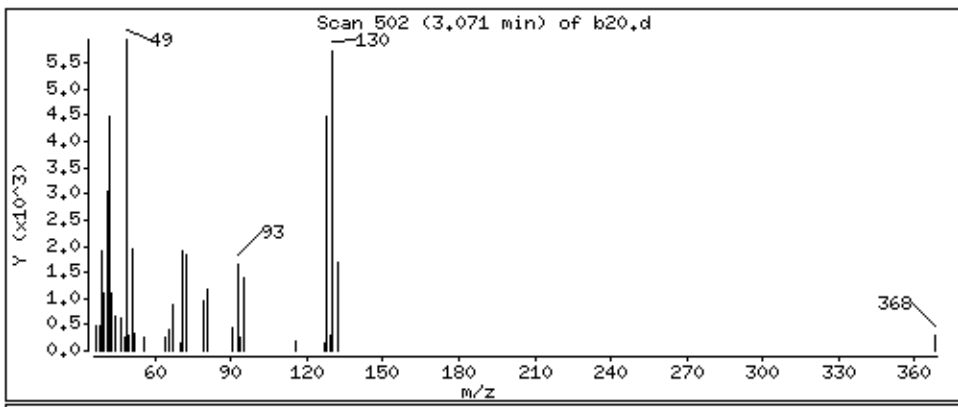
Column phase: DB-624

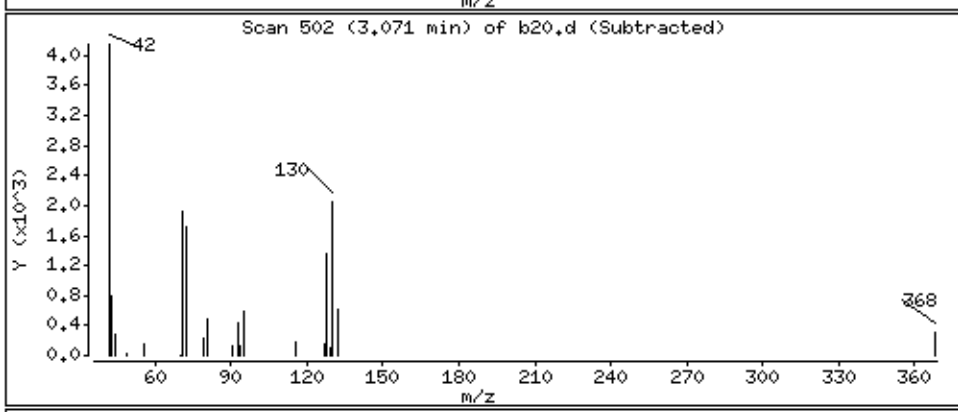
Column diameter: 0.18

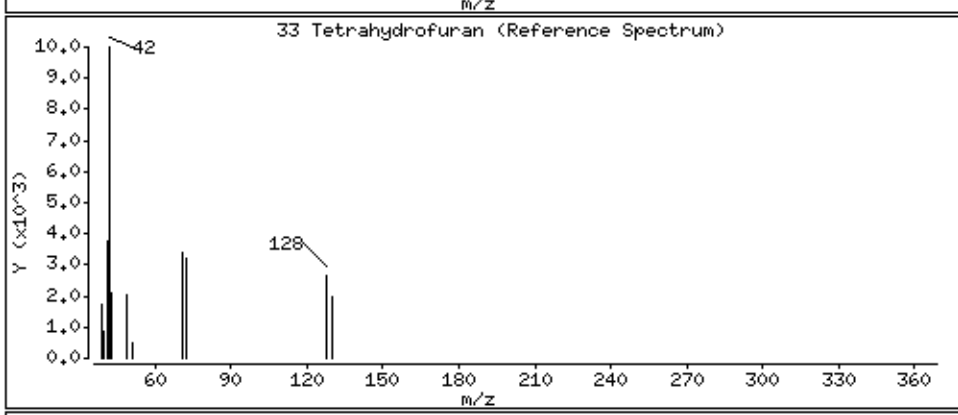
33 Tetrahydrofuran

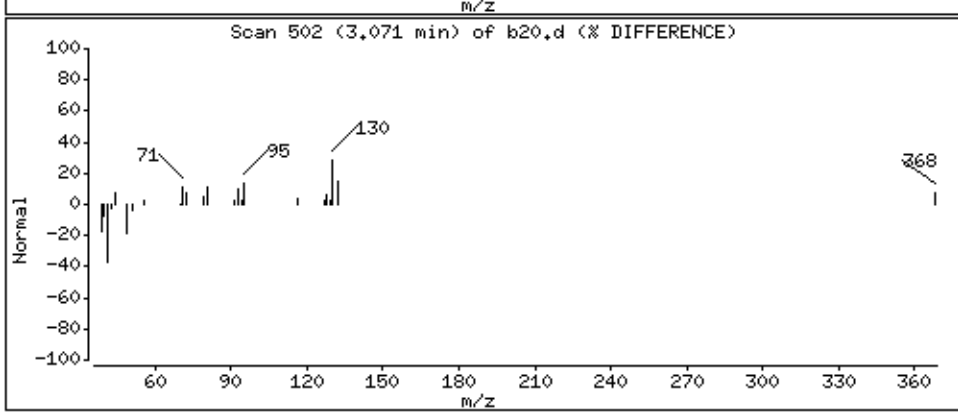
Concentration: 32.8 ppb

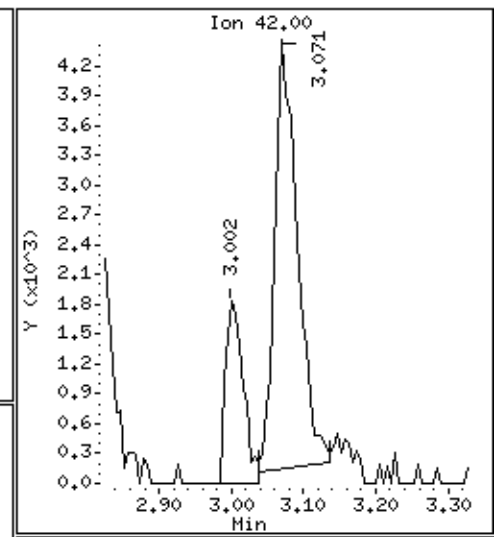
Review Code:

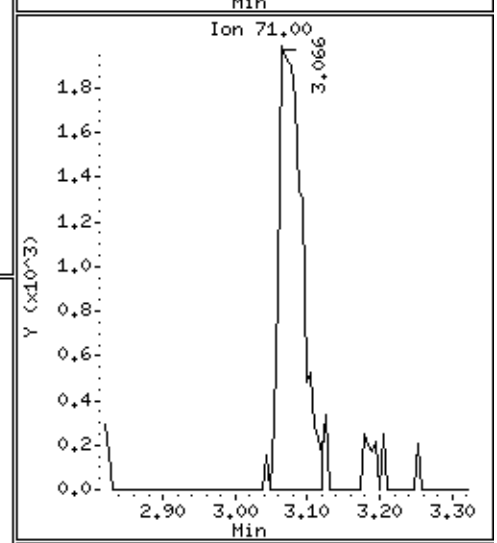


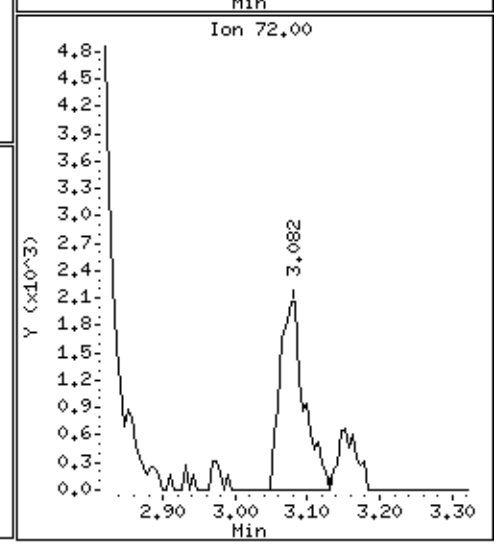












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

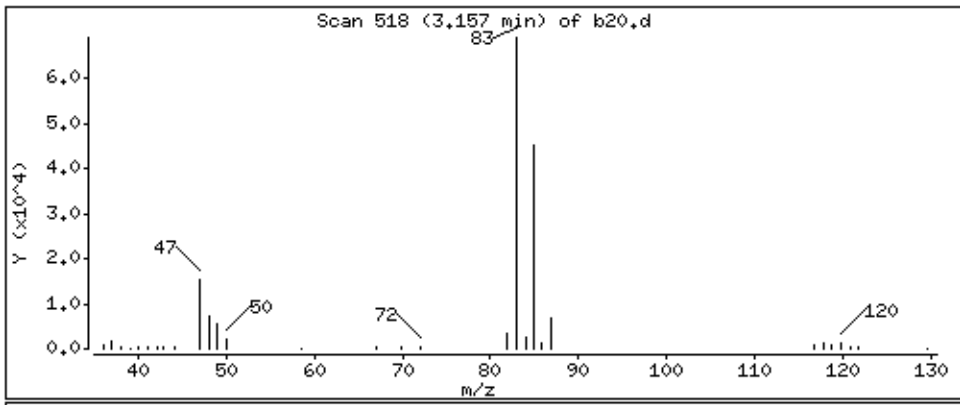
Column phase: DB-624

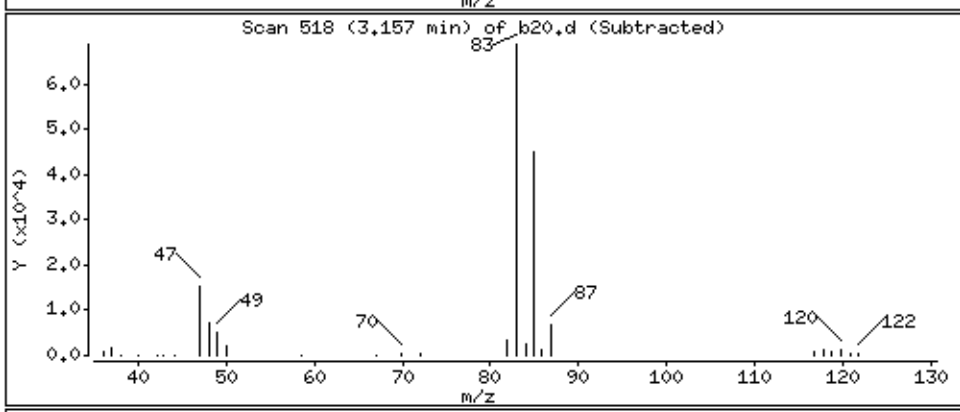
Column diameter: 0.18

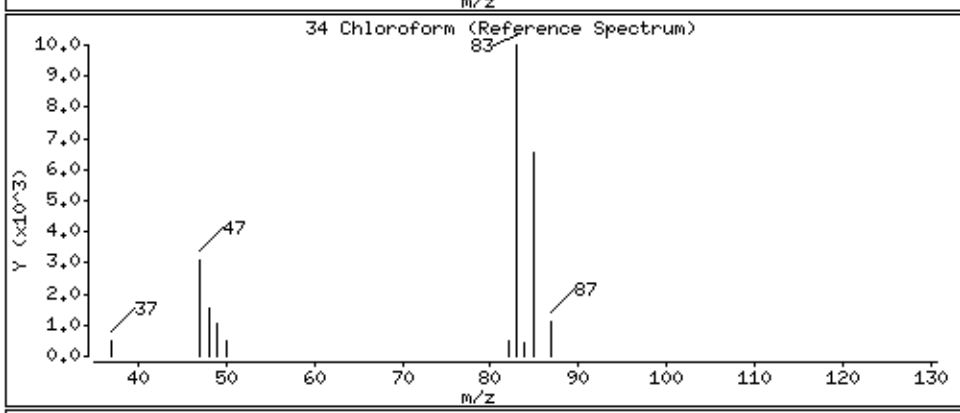
34 Chloroform

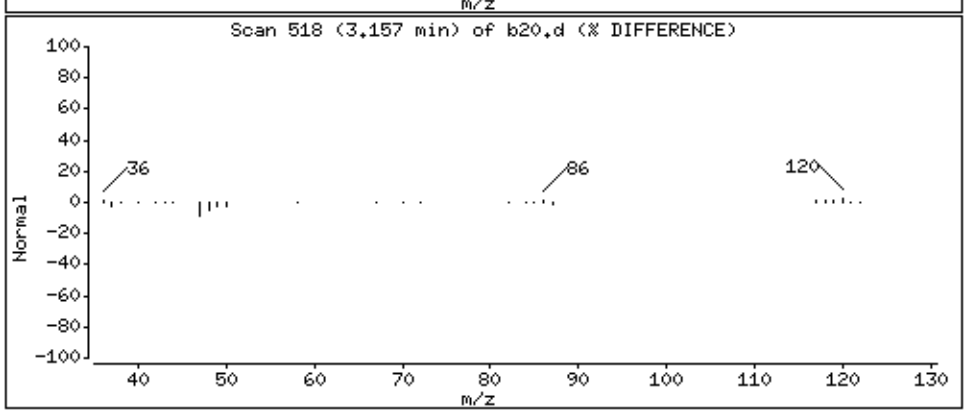
Concentration: 41.6 ppb

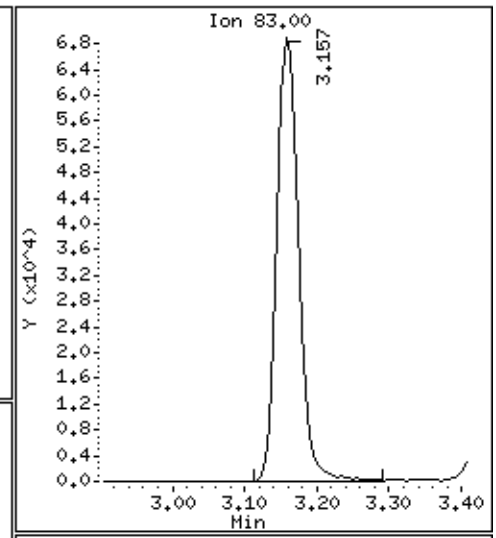
Review Code:

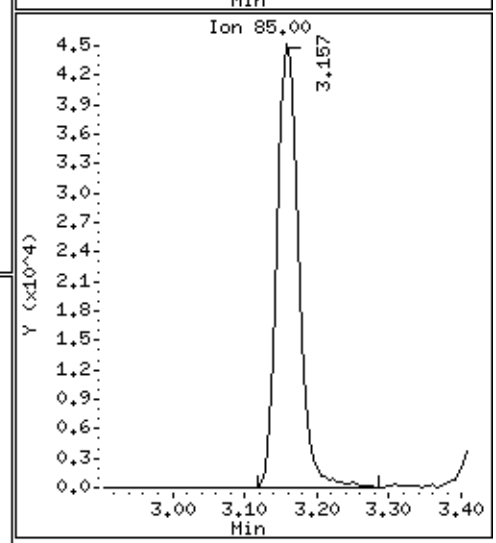












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

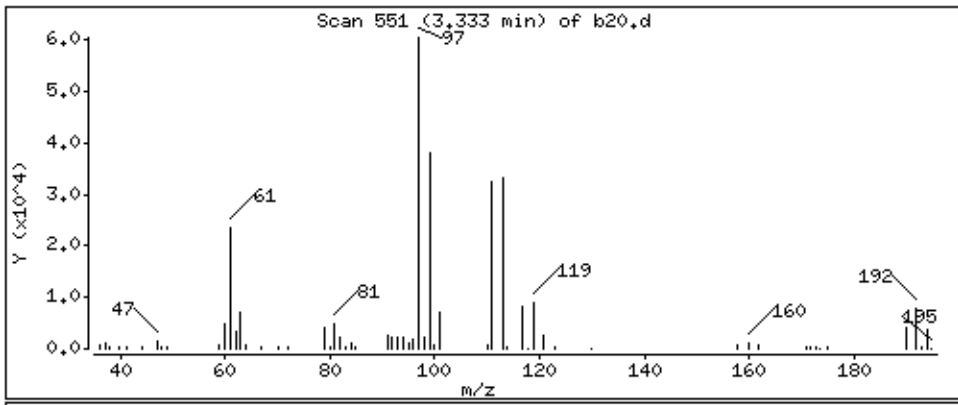
Column phase: DB-624

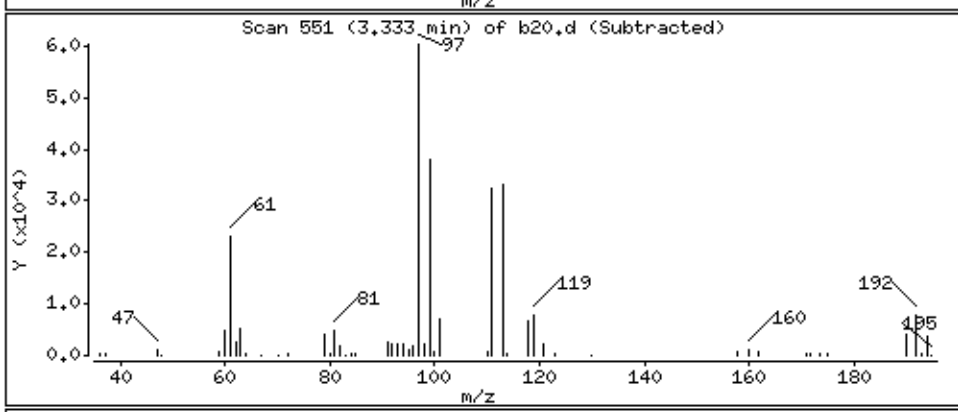
Column diameter: 0.18

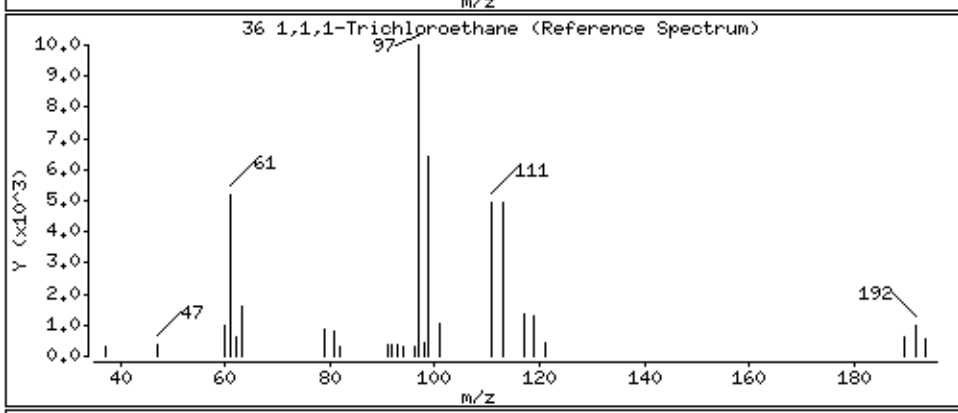
36 1,1,1-Trichloroethane

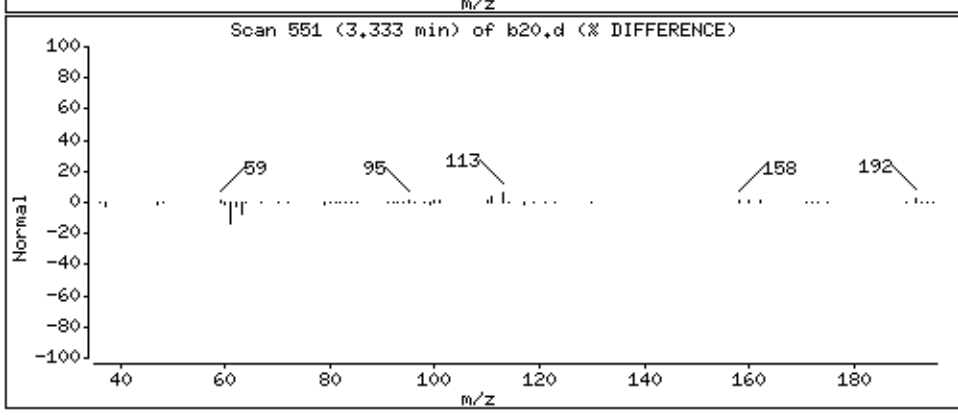
Concentration: 39.6 ppb

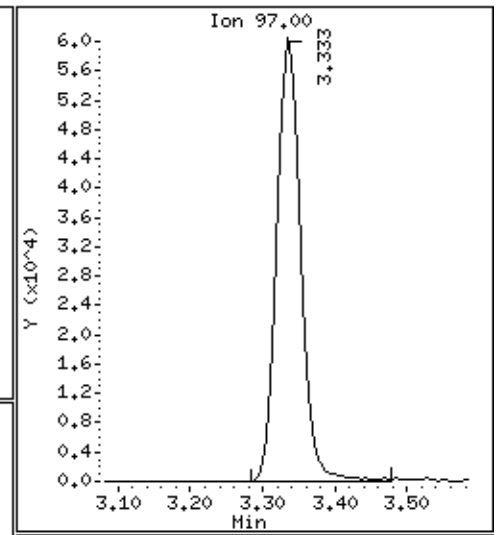
Review Code:

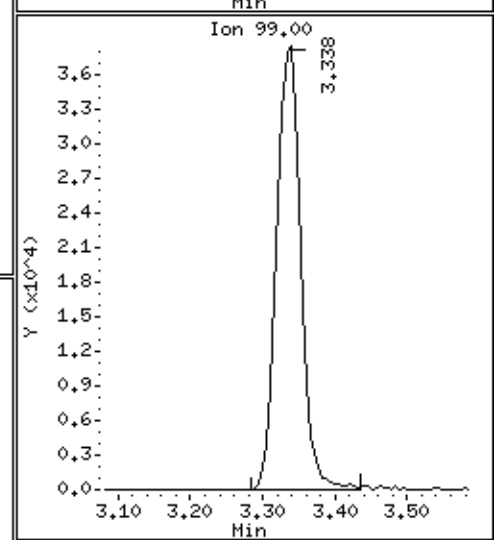


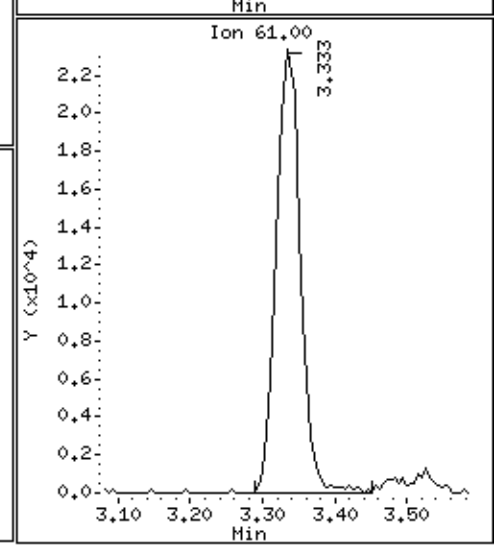












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

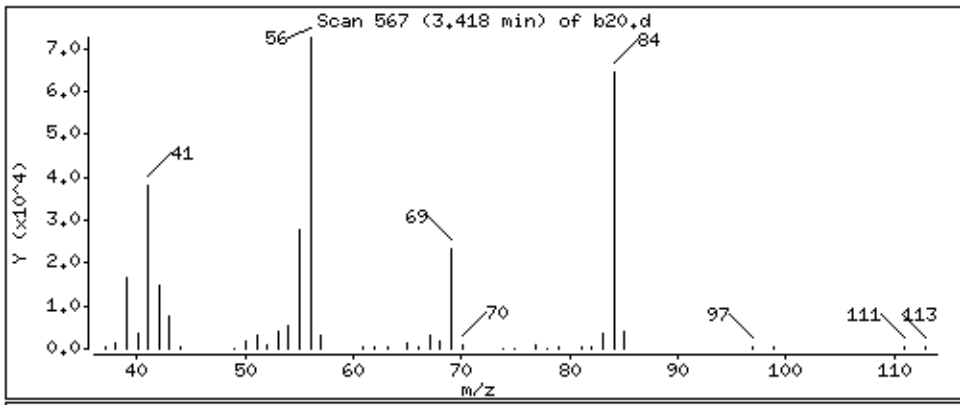
Column phase: DB-624

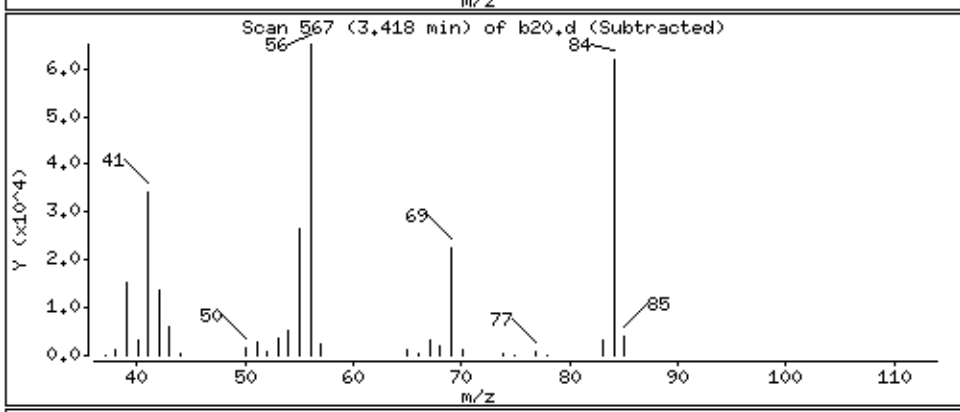
Column diameter: 0.18

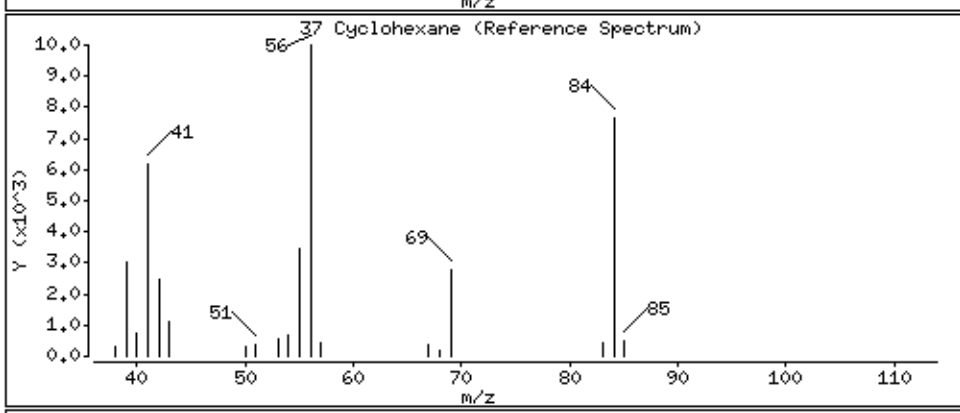
37 Cyclohexane

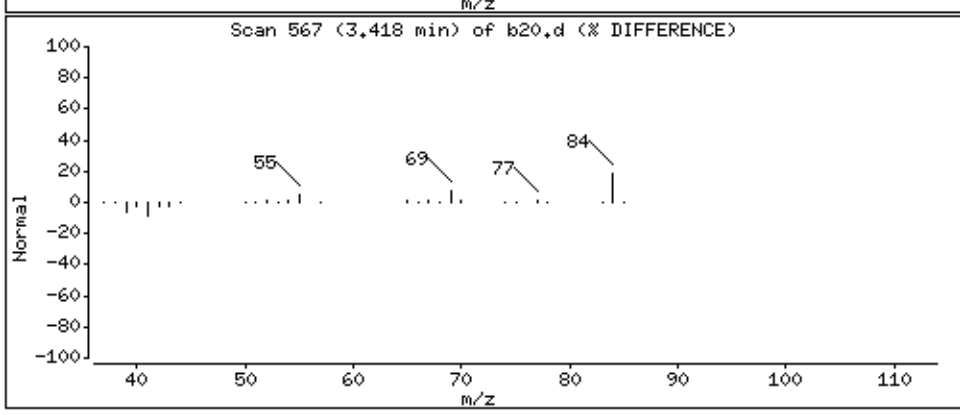
Concentration: 38.0 ppb

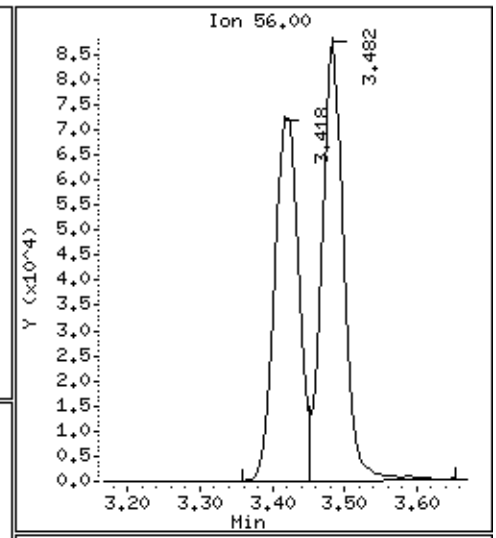
Review Code:

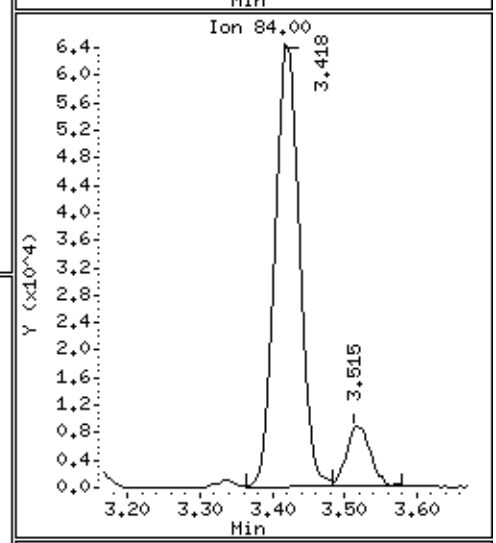


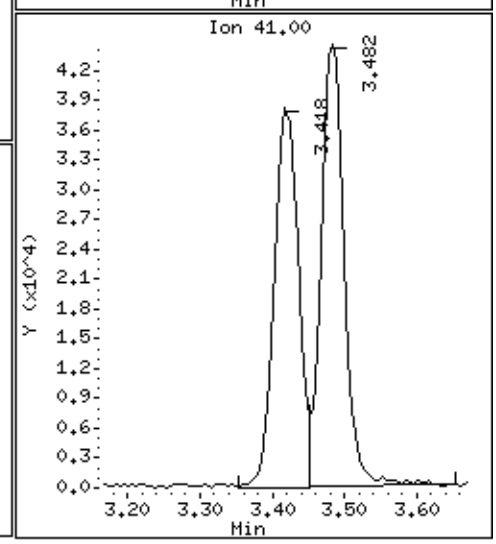












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

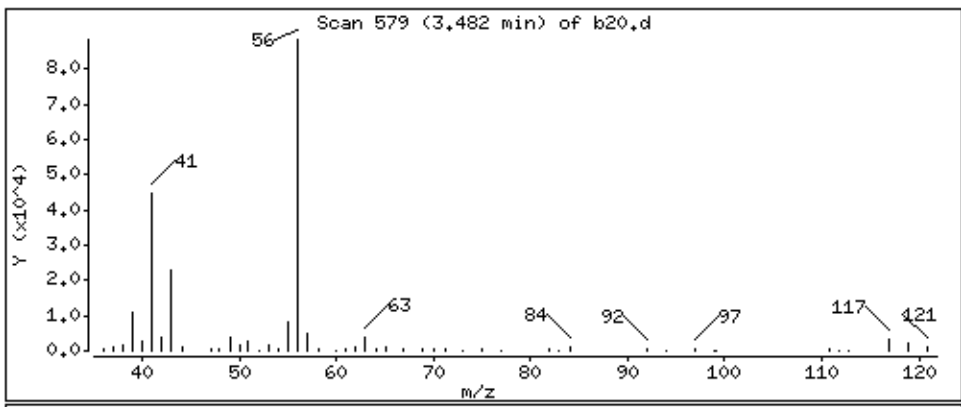
Column phase: DB-624

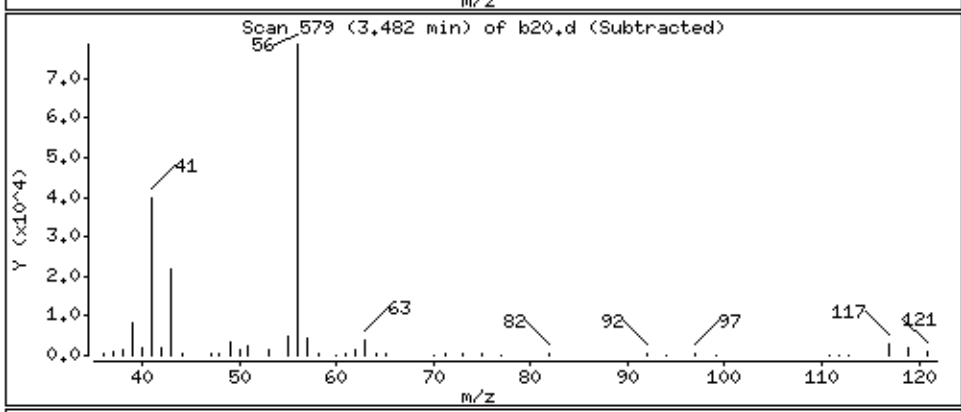
Column diameter: 0.18

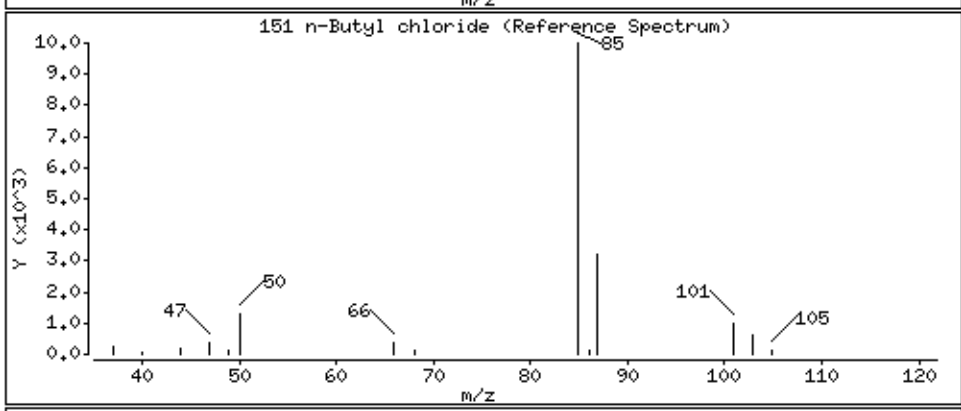
151 n-Butyl chloride

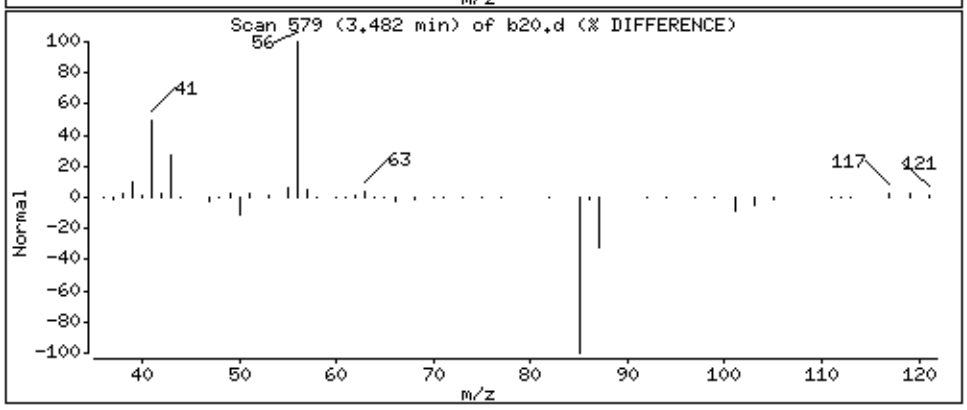
Concentration: 43.2 ppb

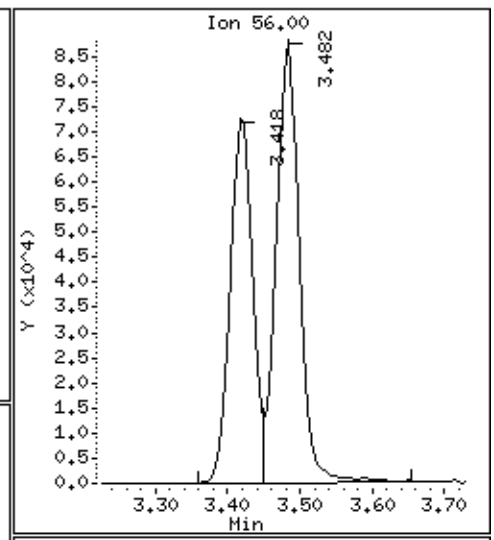
Review Code:

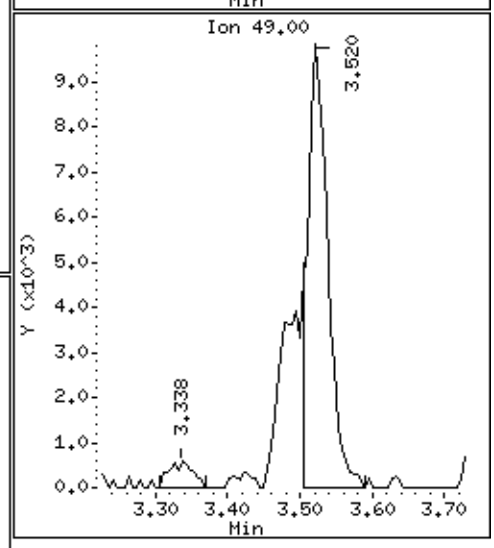












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

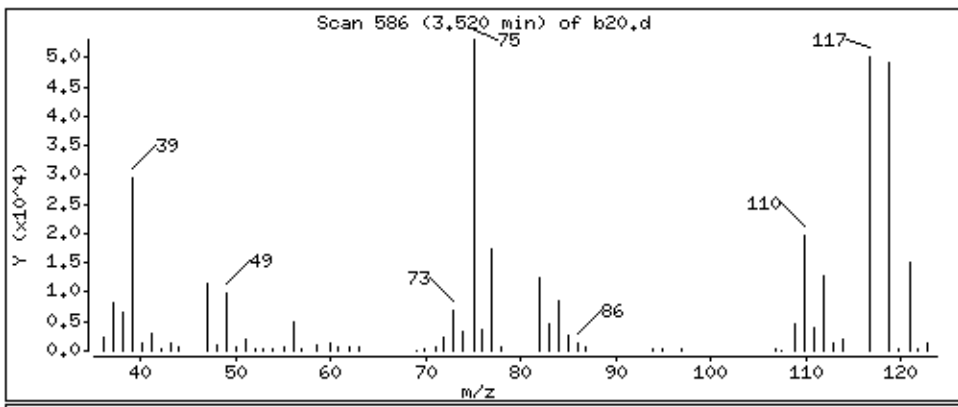
Column phase: DB-624

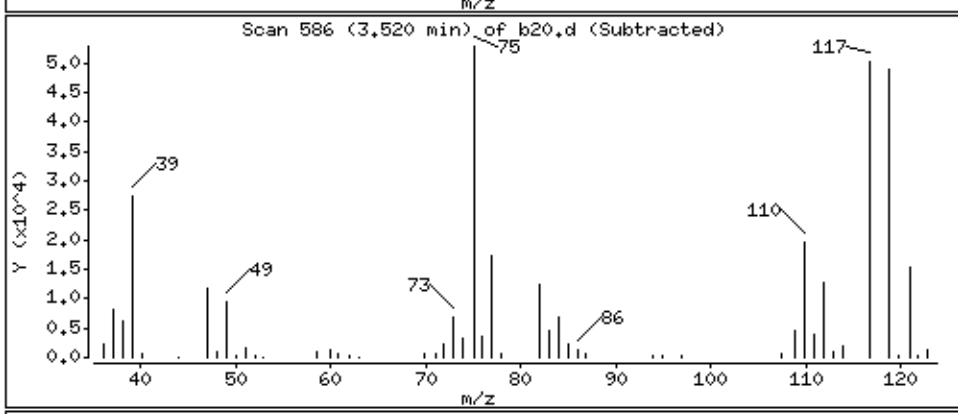
Column diameter: 0.18

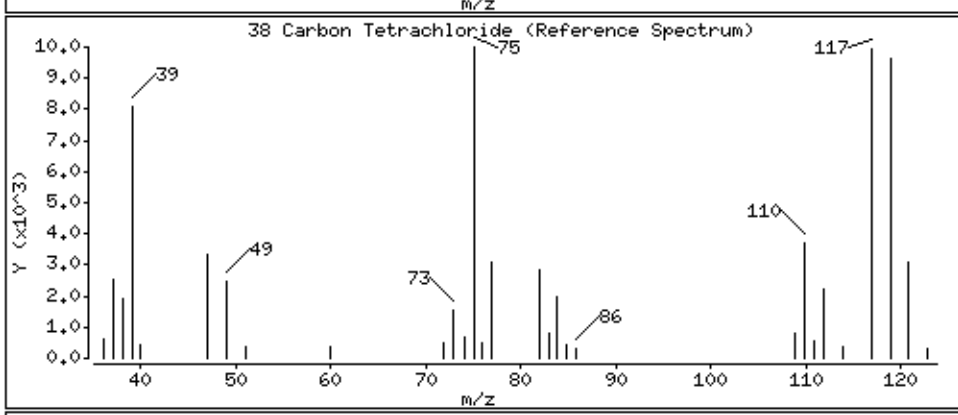
38 Carbon Tetrachloride

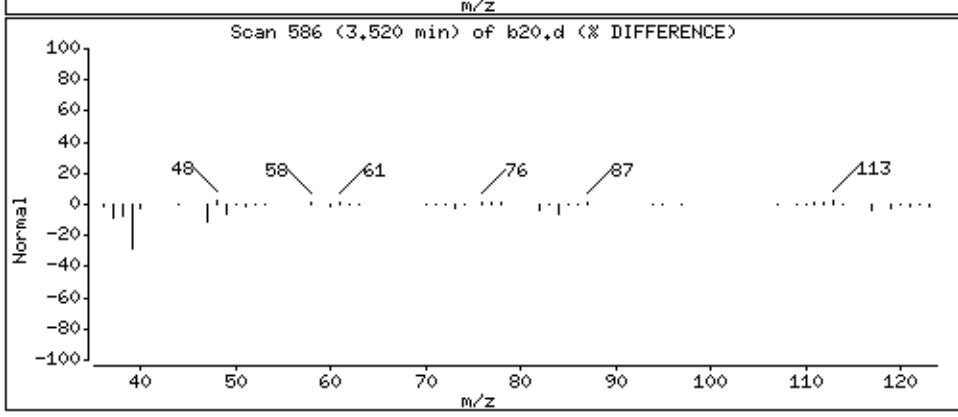
Concentration: 40.5 ppb

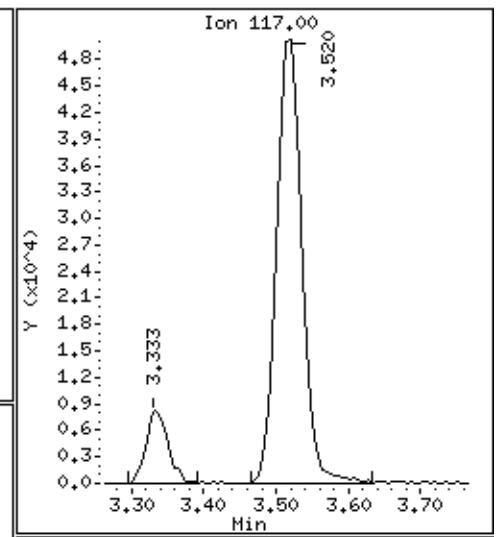
Review Code:

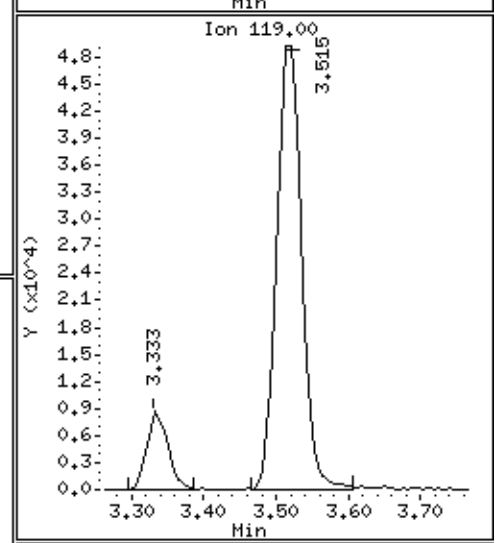


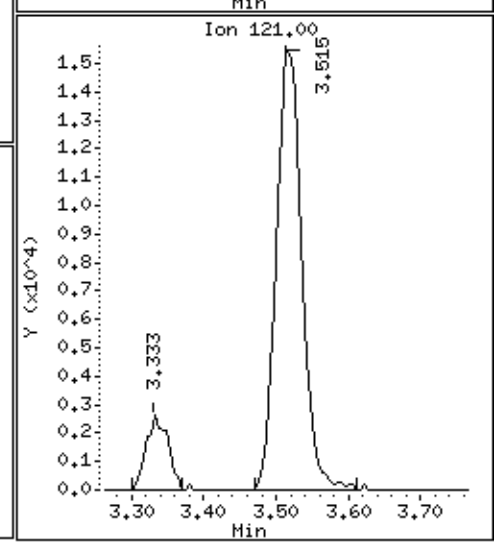












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

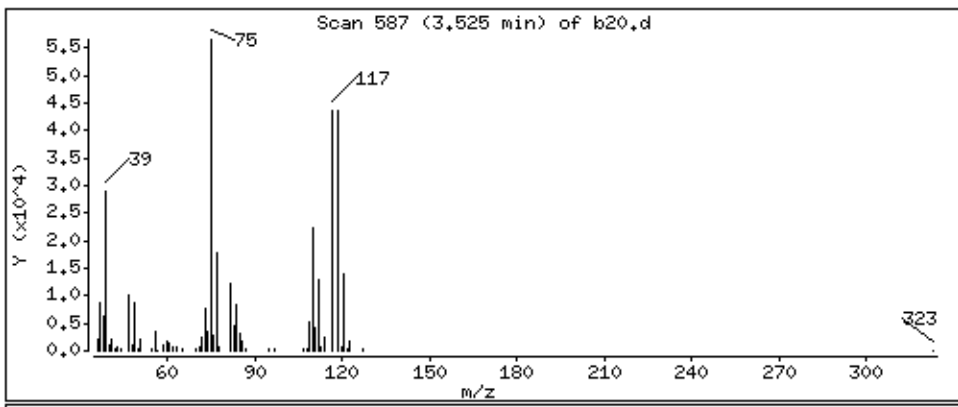
Column phase: DB-624

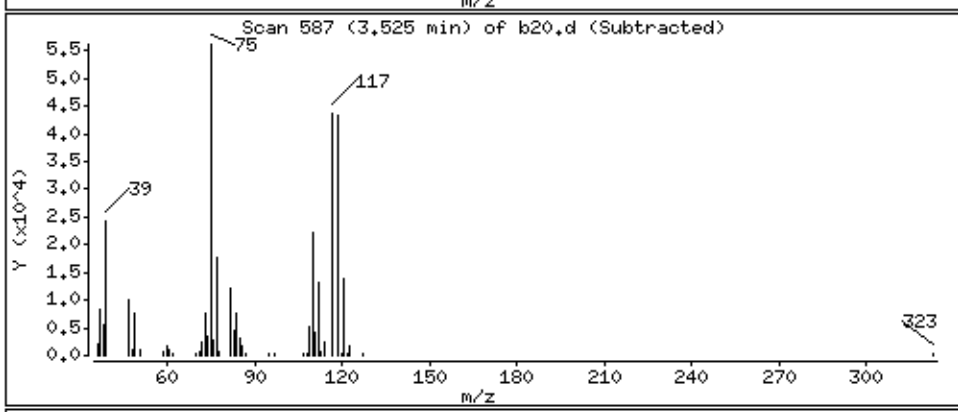
Column diameter: 0.18

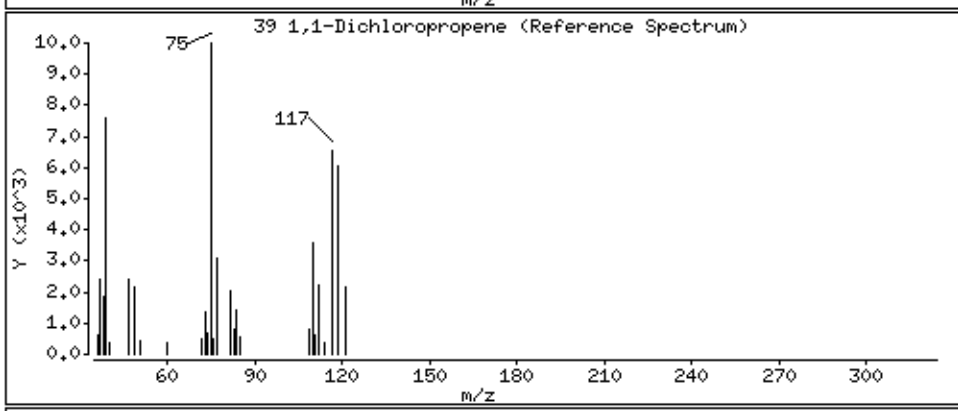
39 1,1-Dichloropropene

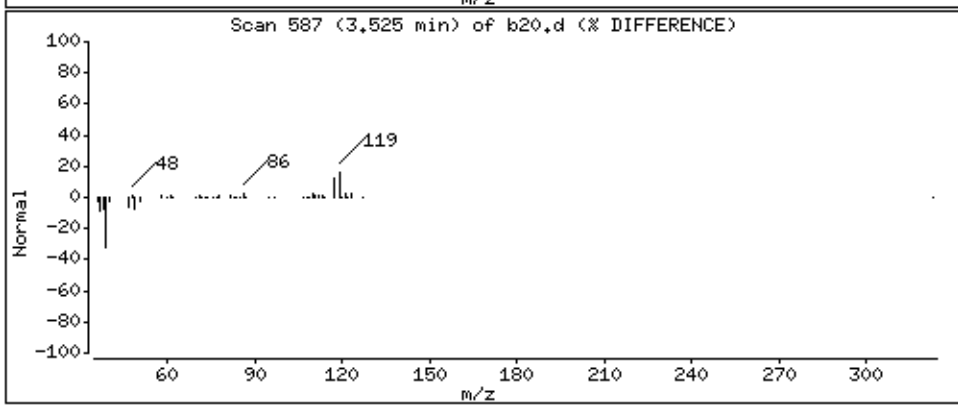
Concentration: 43.2 ppb

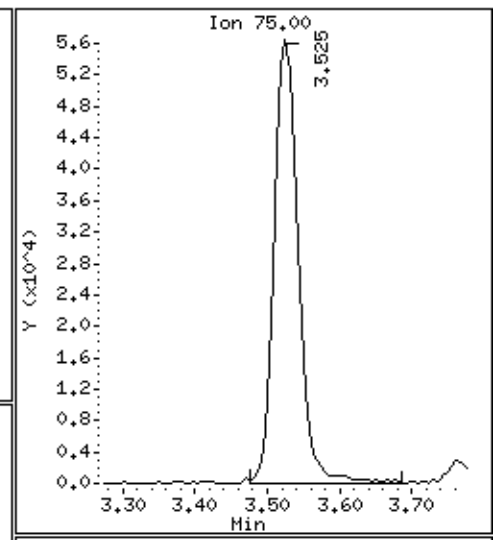
Review Code:

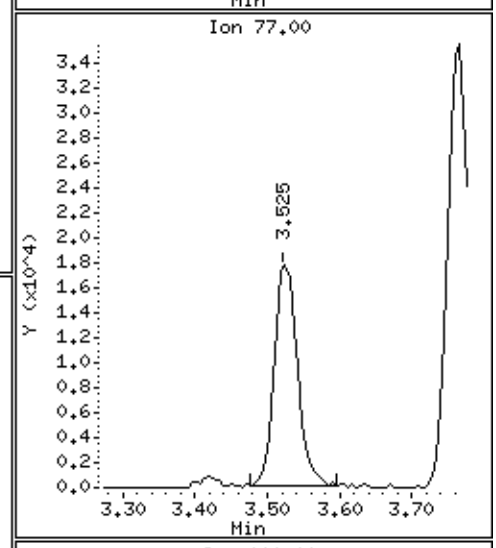


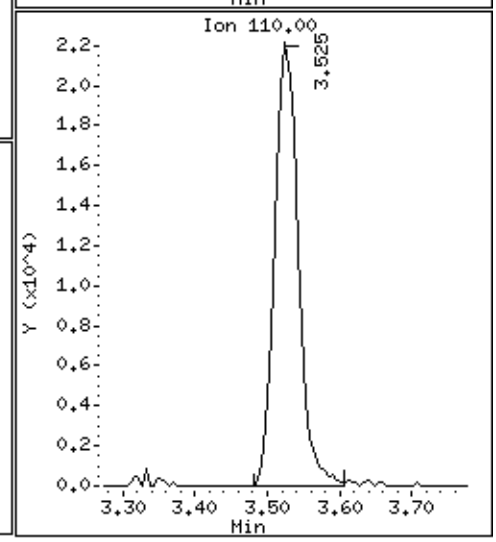












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

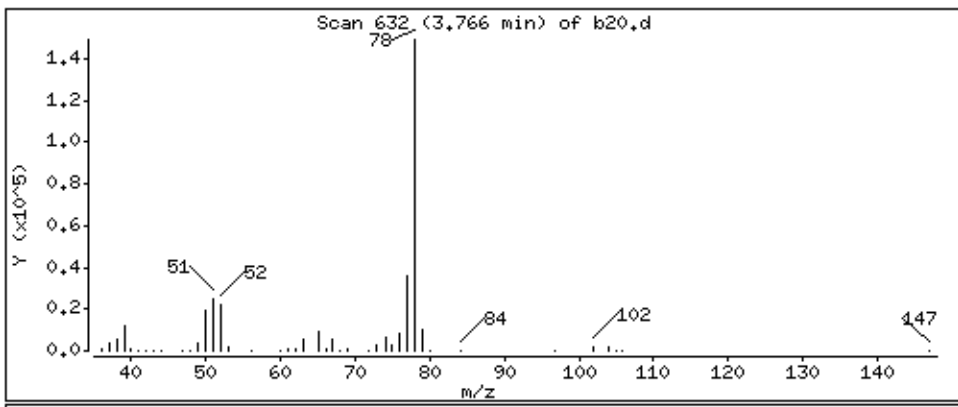
Column phase: DB-624

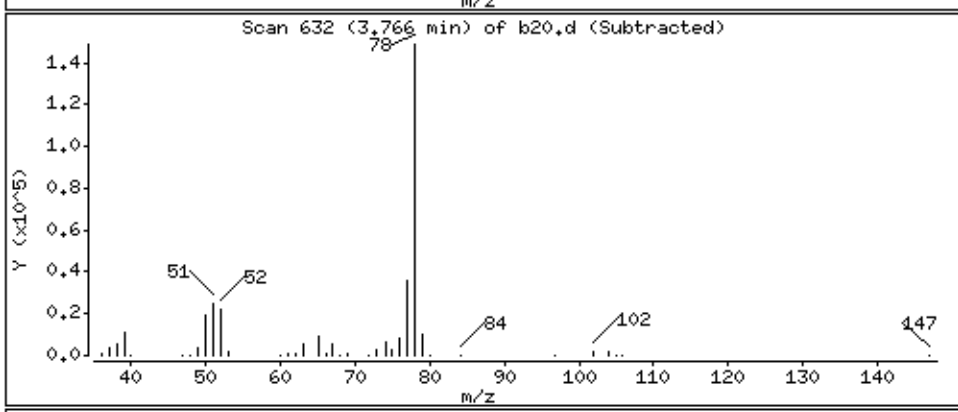
Column diameter: 0.18

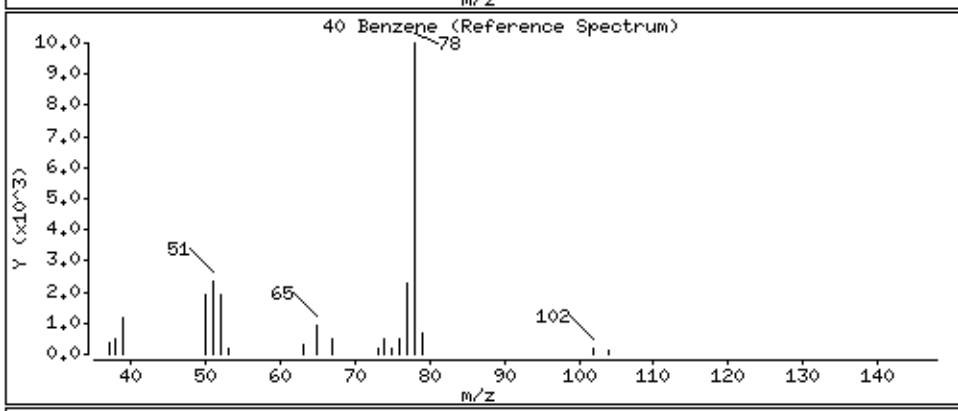
40 Benzene

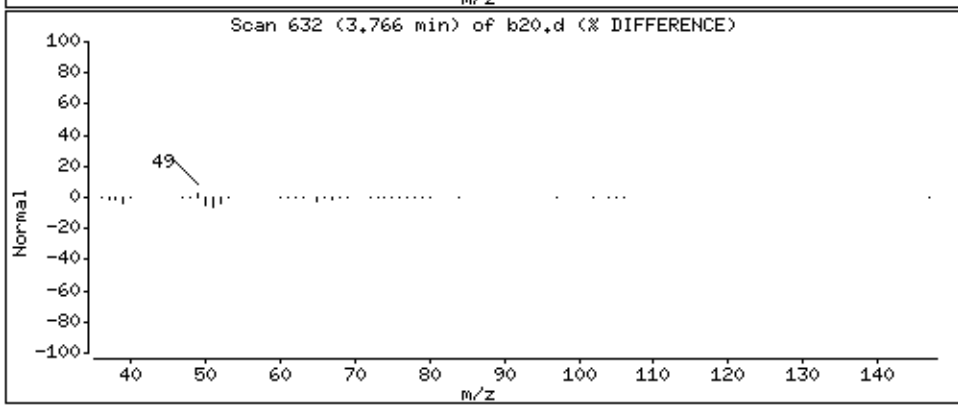
Concentration: 46.7 ppb

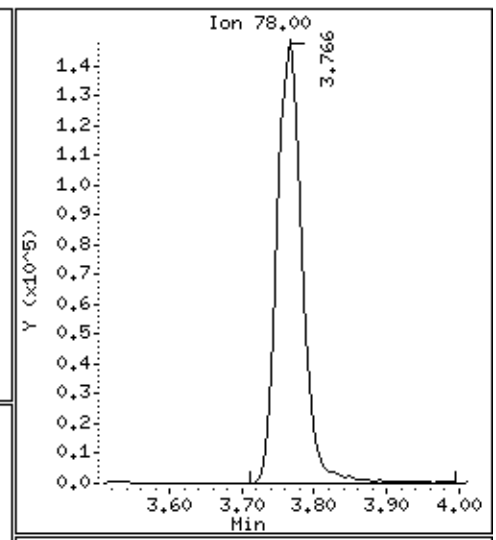
Review Code:

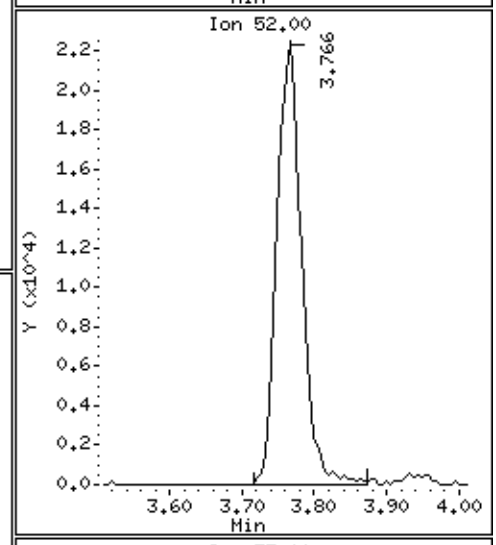


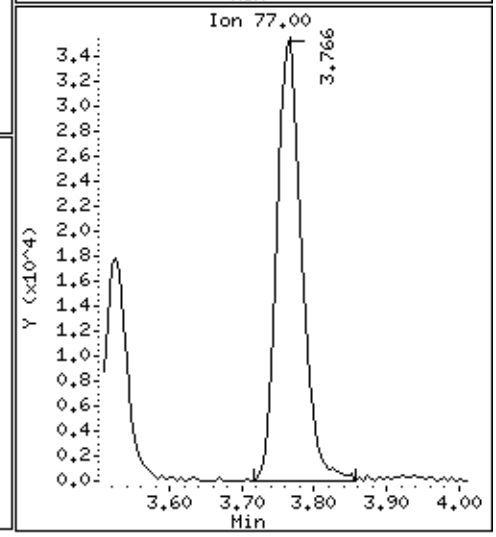












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

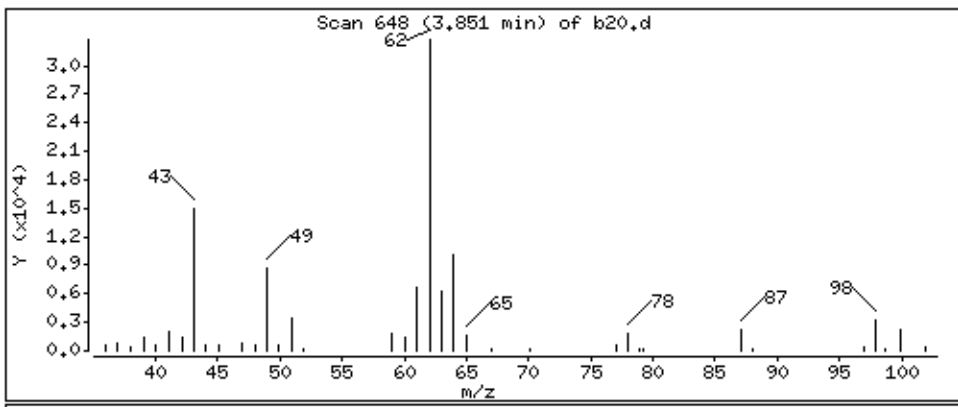
Column phase: DB-624

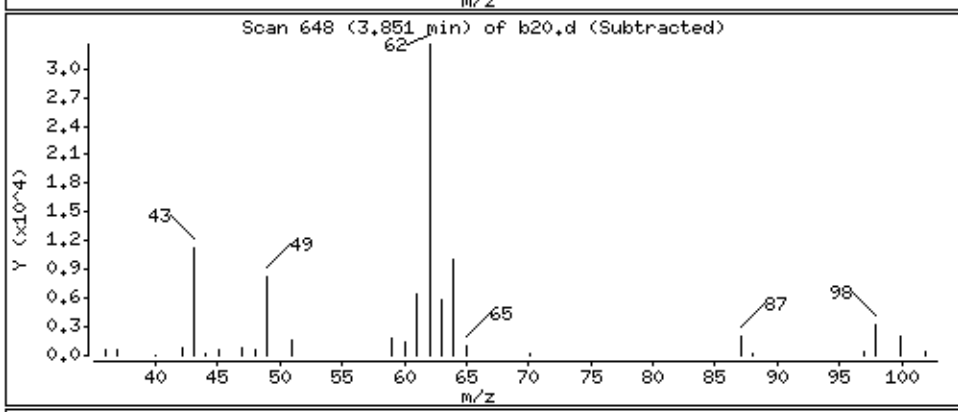
Column diameter: 0.18

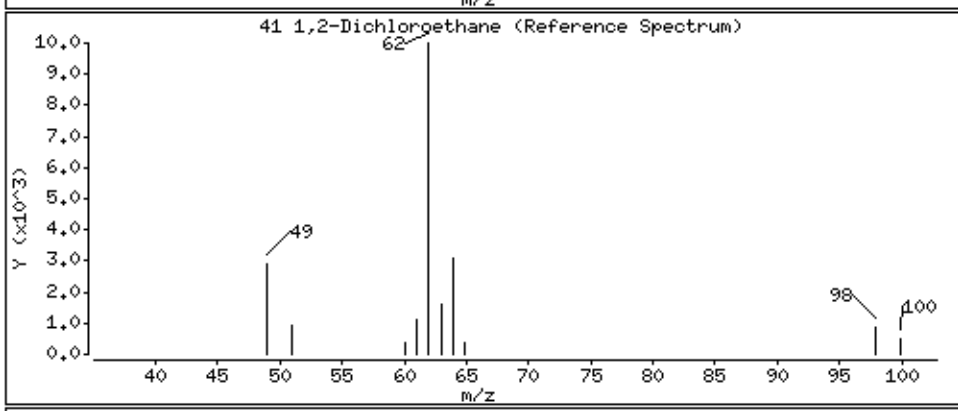
41 1,2-Dichloroethane

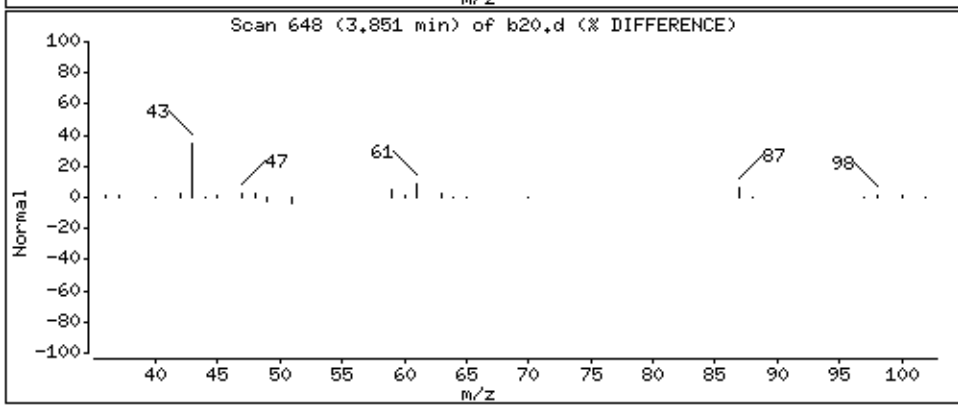
Concentration: 38.4 ppb

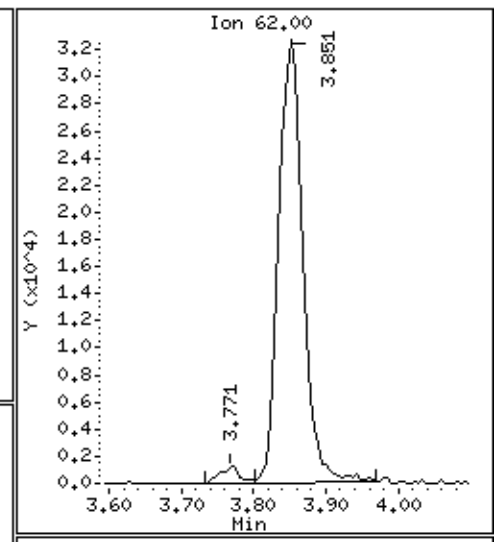
Review Code:

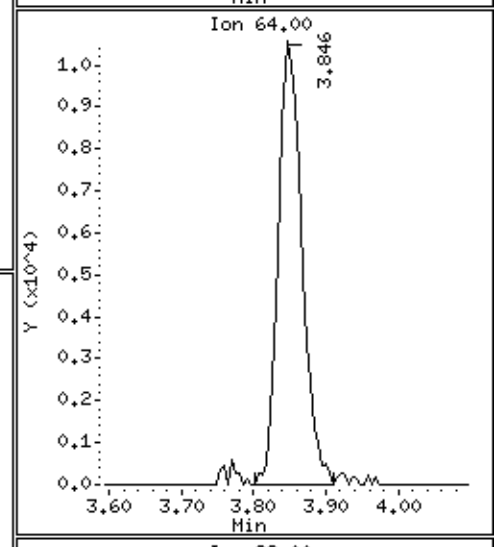


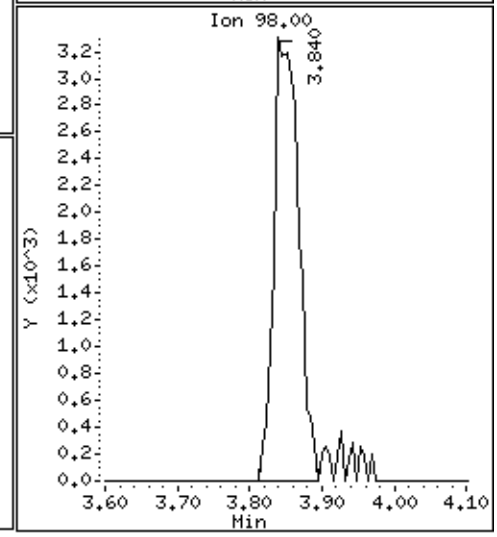












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

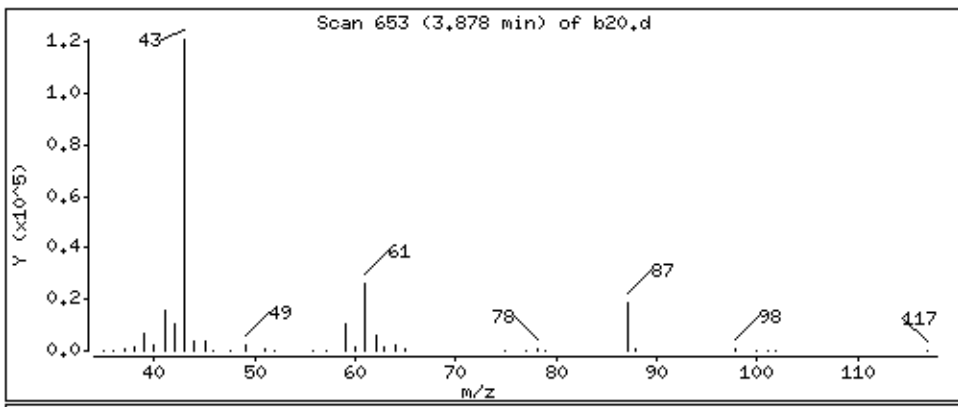
Column phase: DB-624

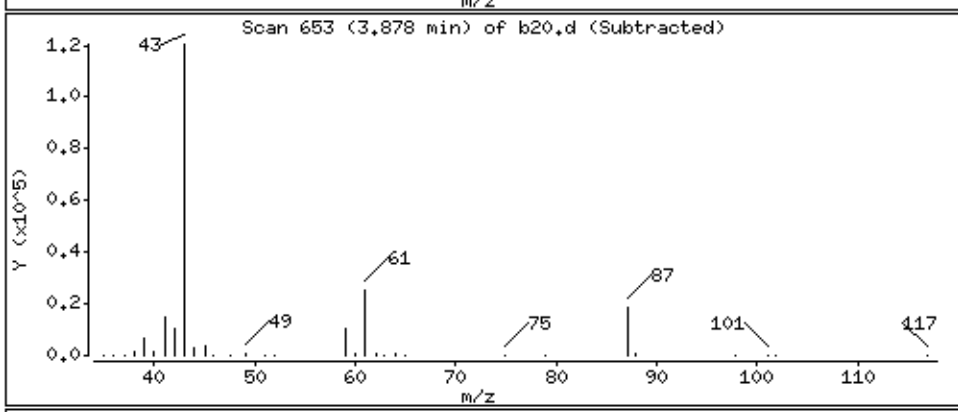
Column diameter: 0.18

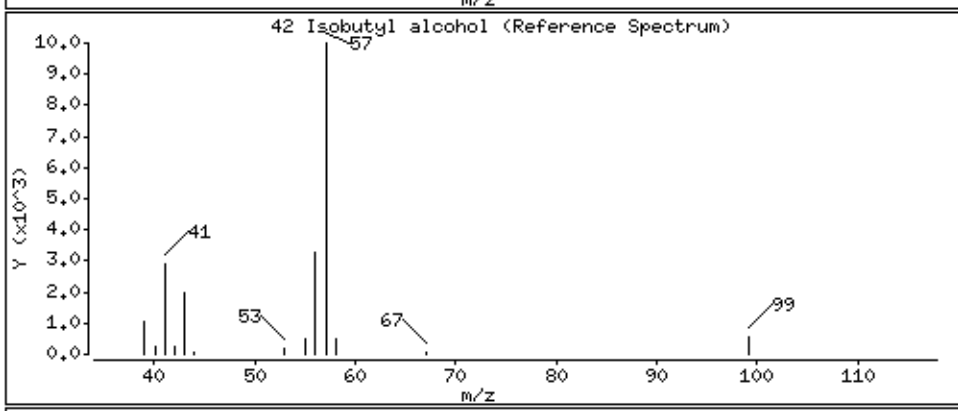
42 Isobutyl alcohol

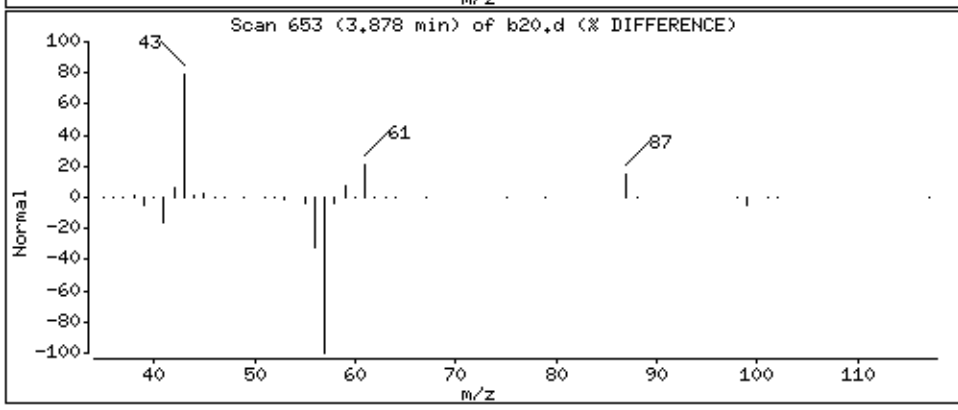
Concentration: 44.4 ppb

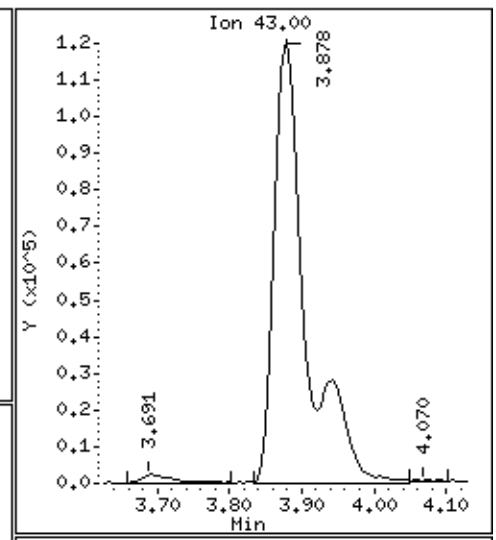
Review Code:

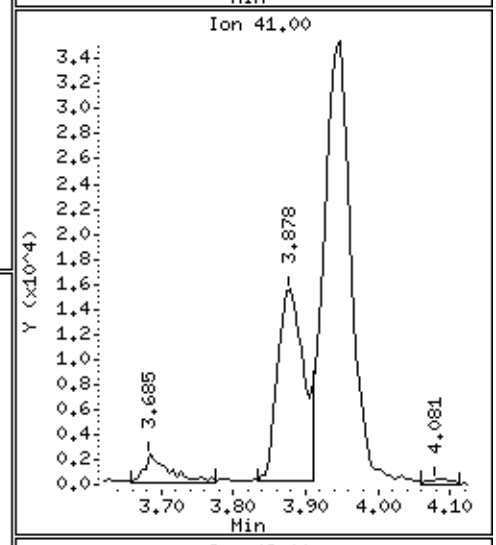


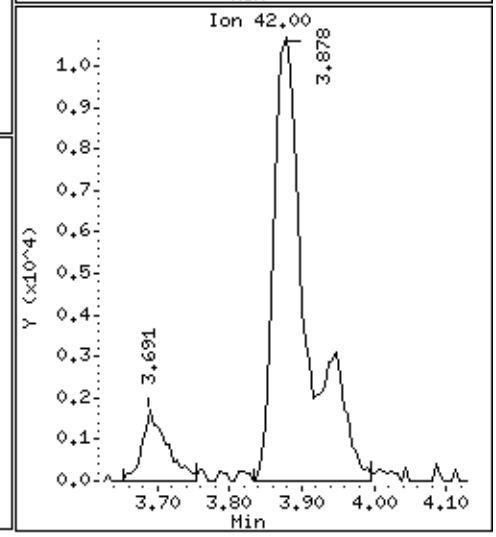












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

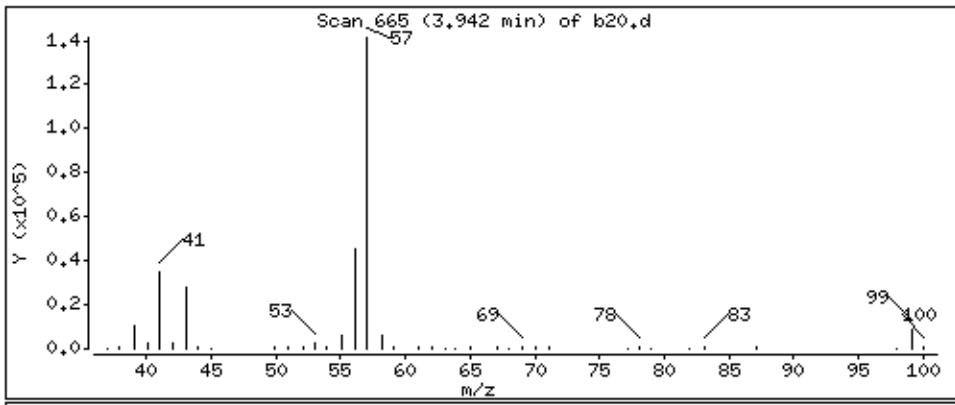
Column phase: DB-624

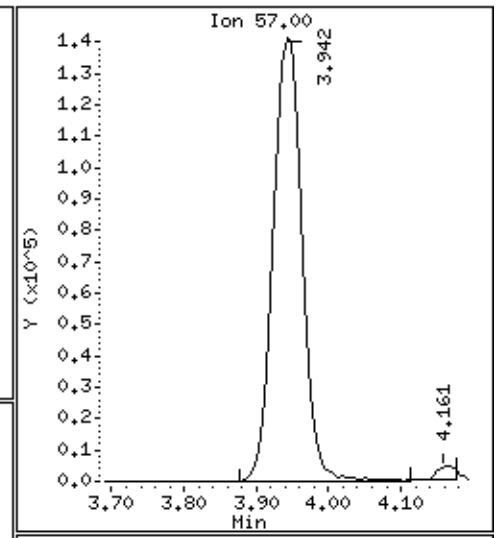
Column diameter: 0.18

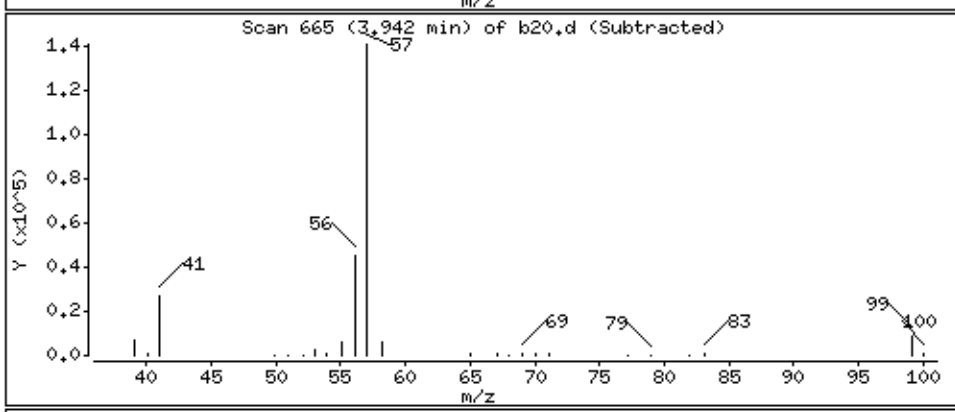
43 2,2,4-Trimethylpentane

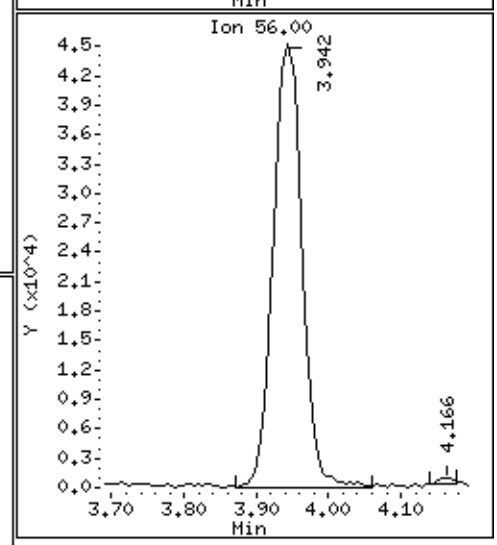
Concentration: 43.1 ppb

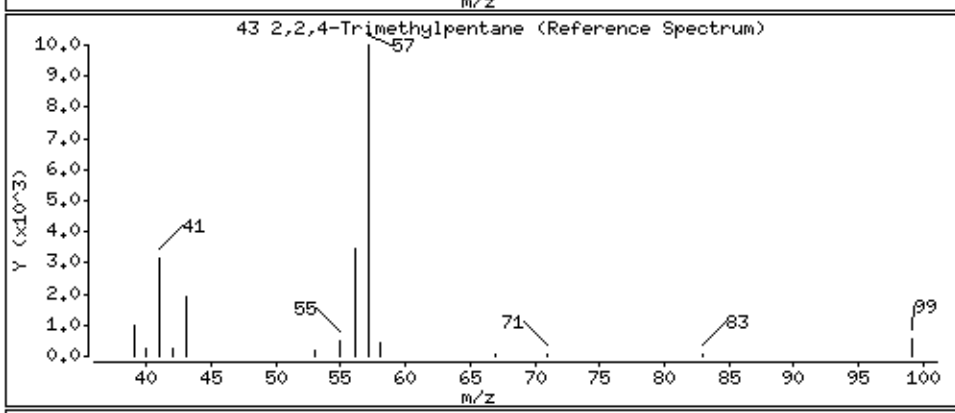
Review Code:

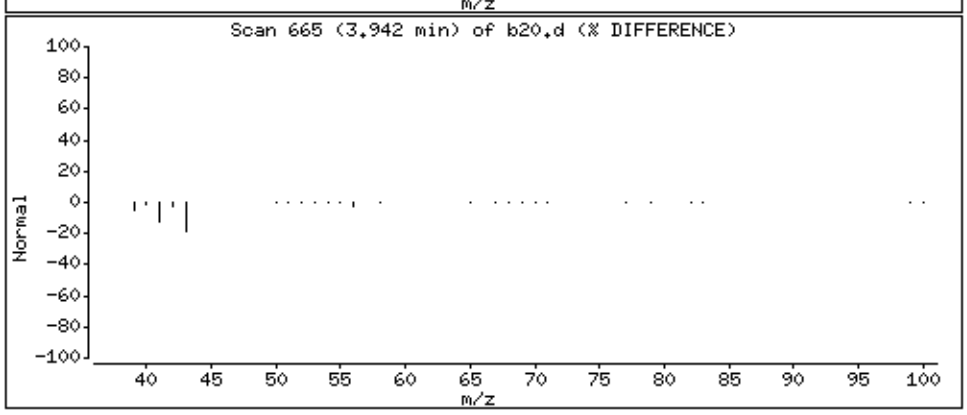












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

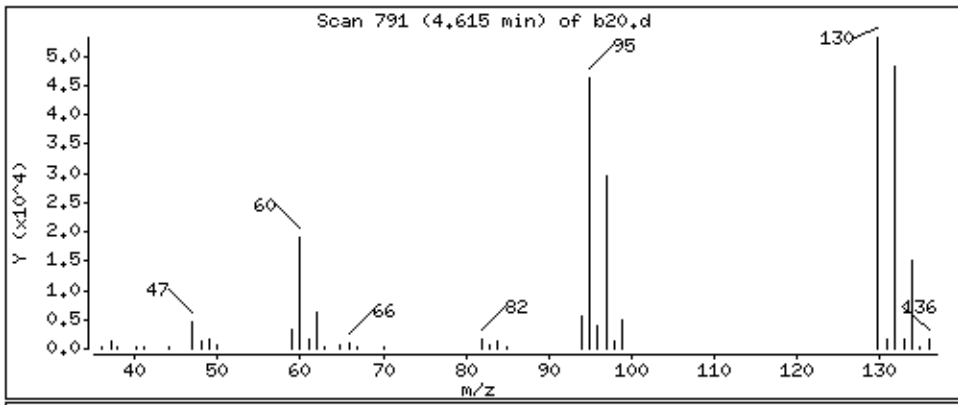
Column phase: DB-624

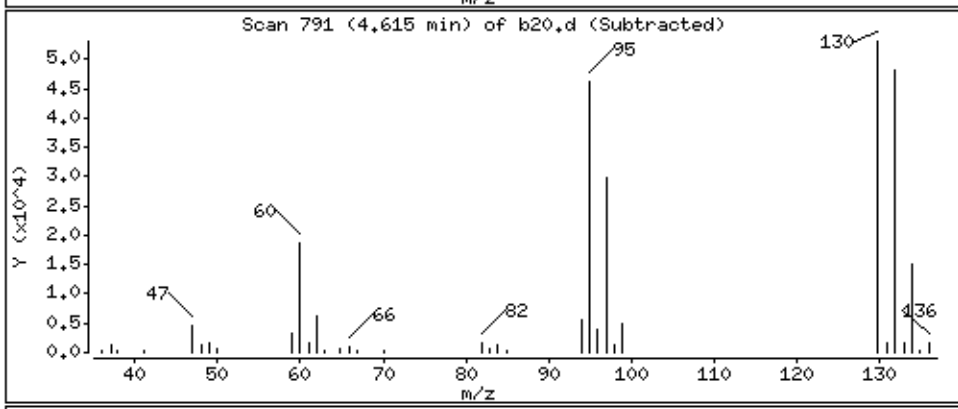
Column diameter: 0.18

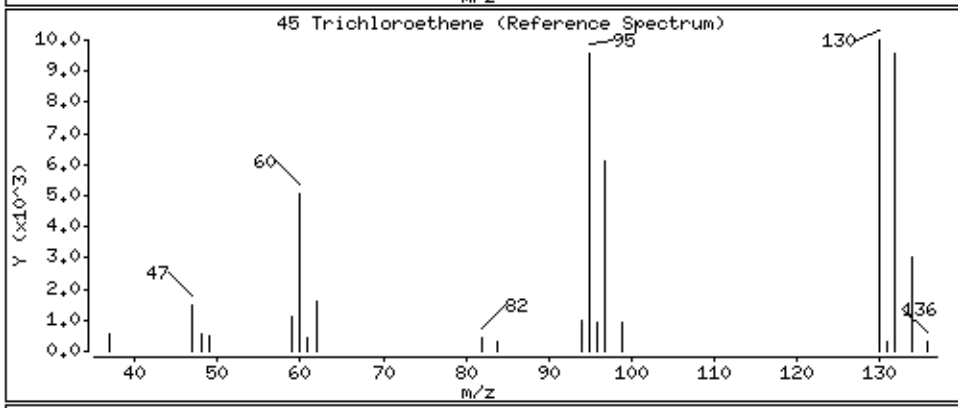
45 Trichloroethene

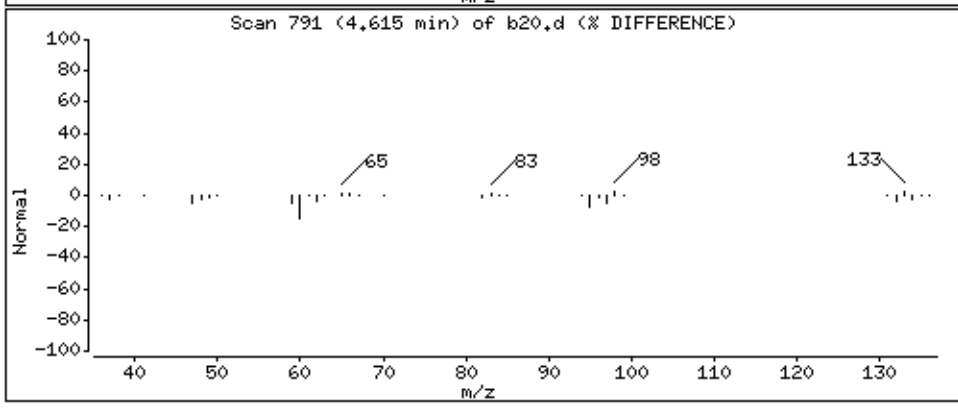
Concentration: 43.2 ppb

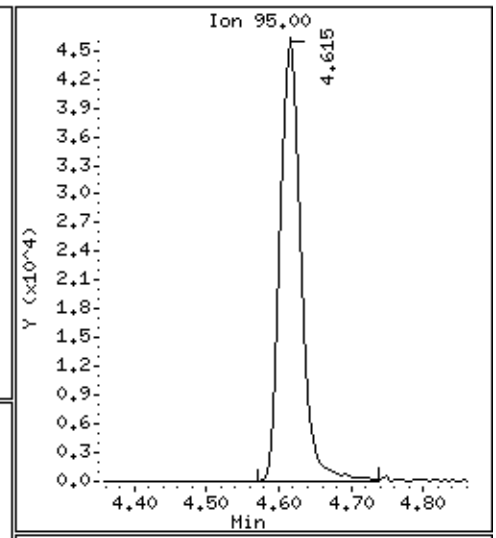
Review Code:

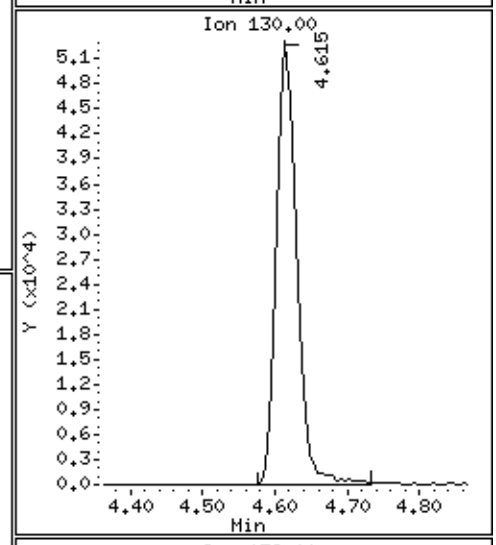


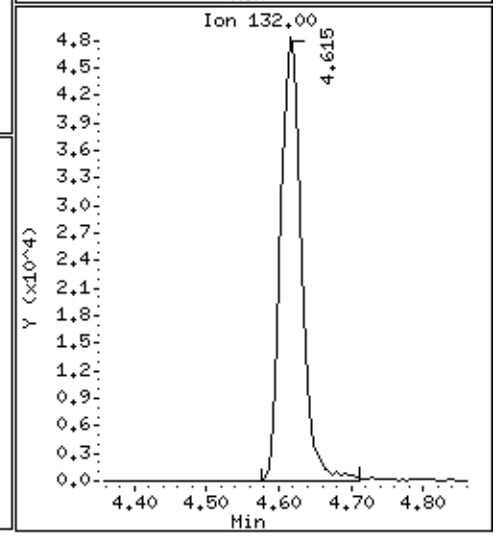












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

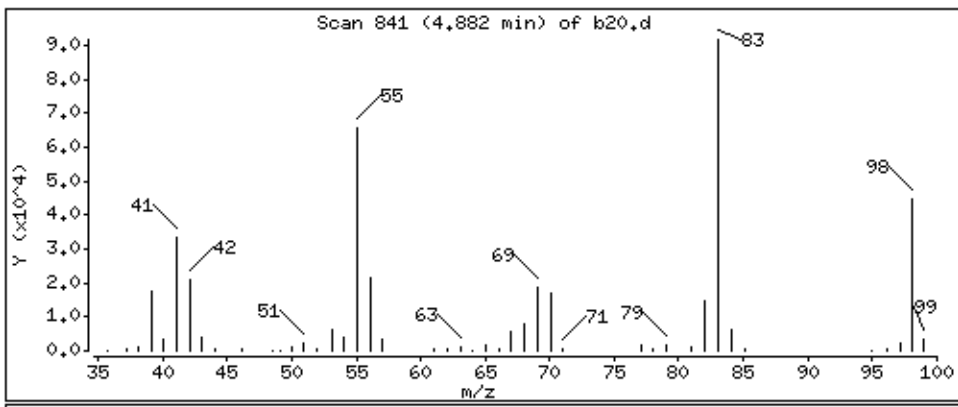
Column phase: DB-624

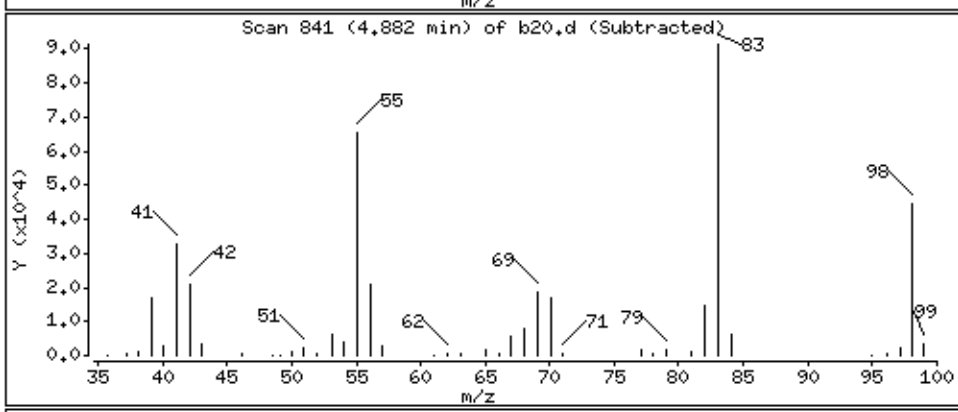
Column diameter: 0.18

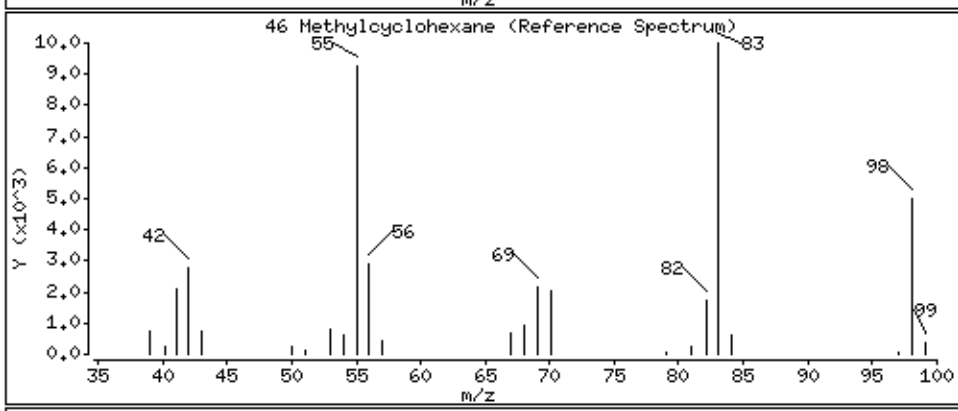
46 Methylcyclohexane

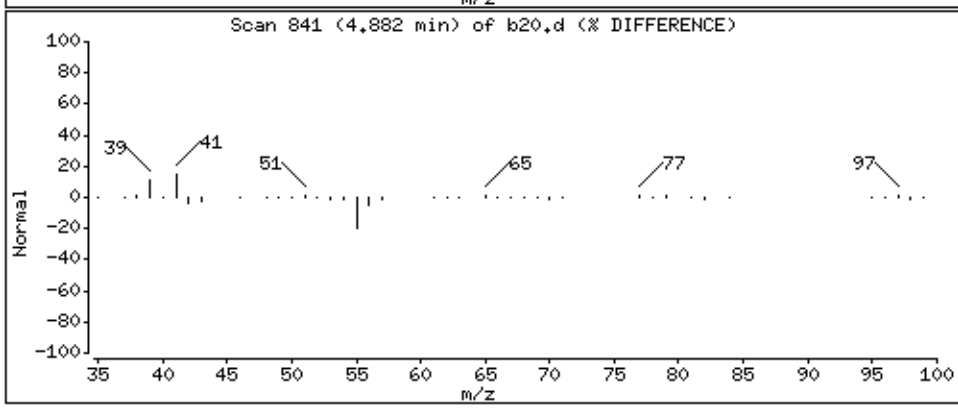
Concentration: 40.2 ppb

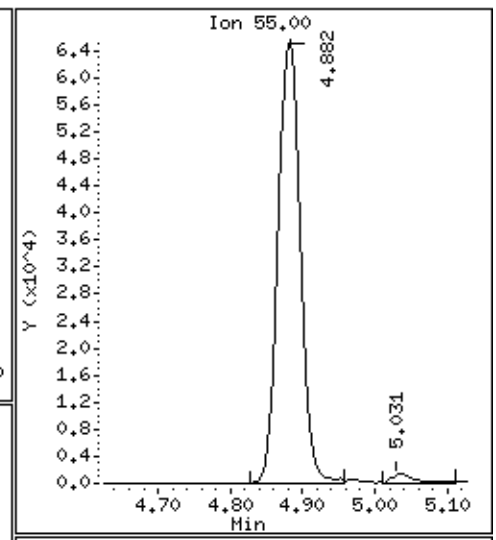
Review Code:

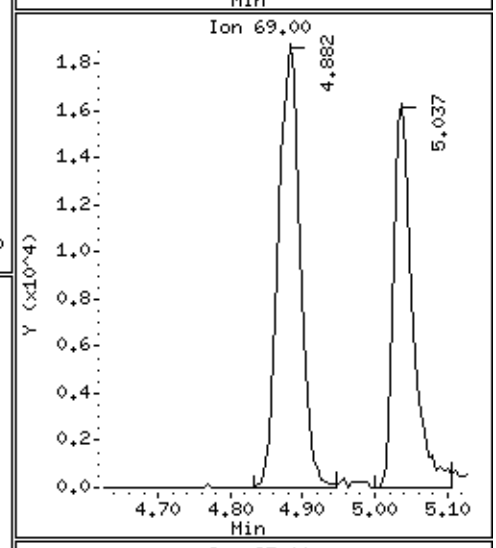


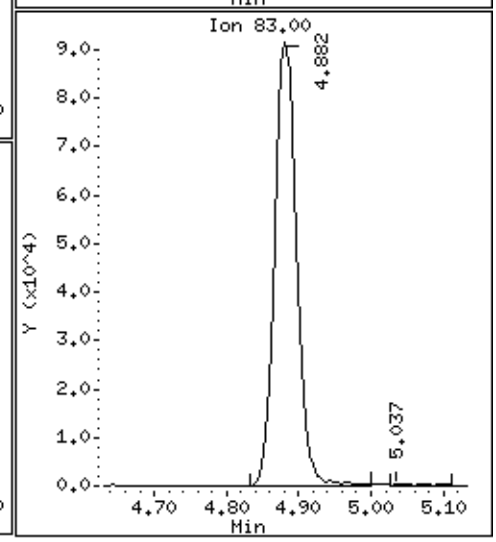












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

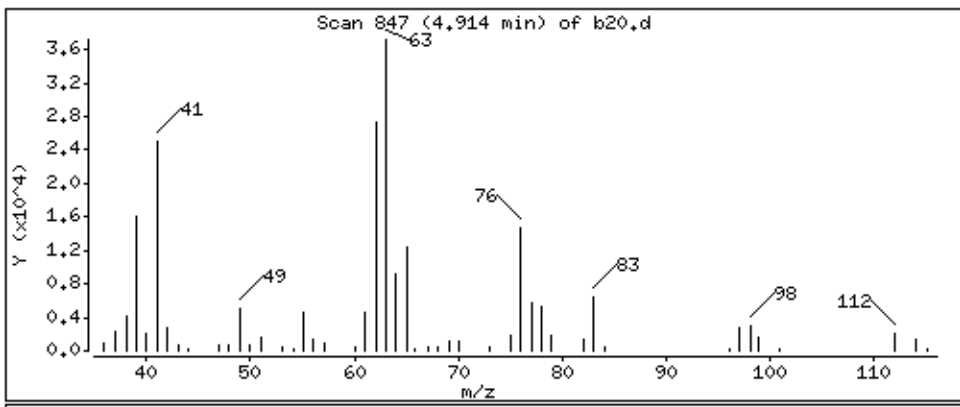
Column phase: DB-624

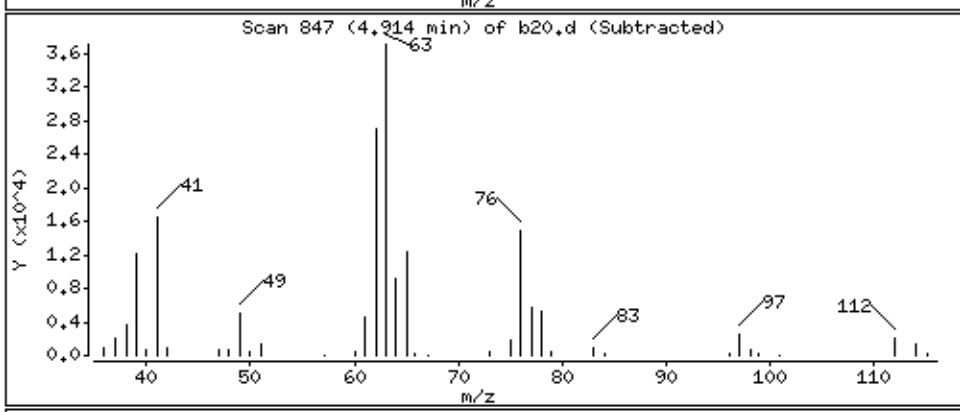
Column diameter: 0.18

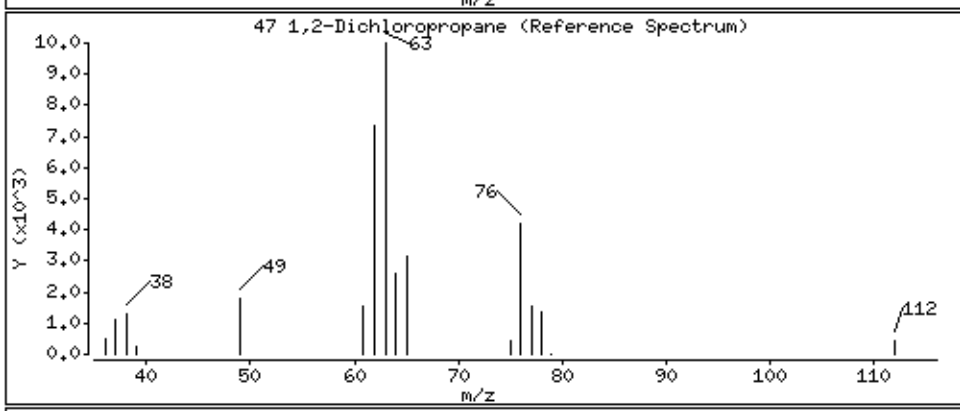
47 1,2-Dichloropropane

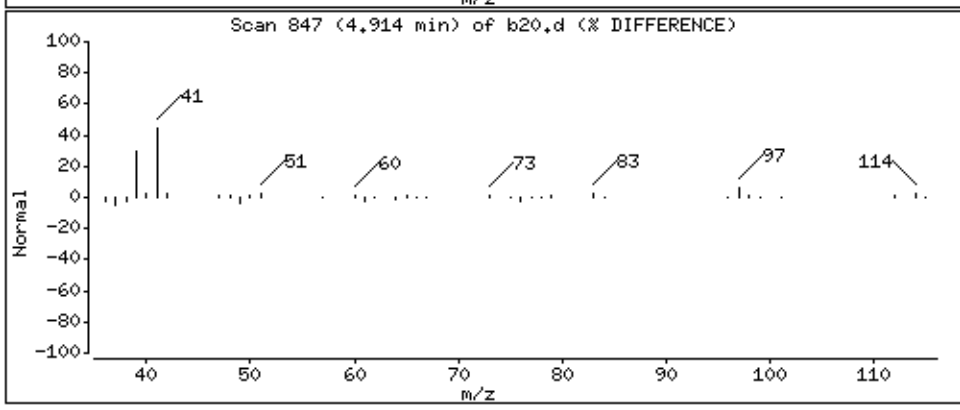
Concentration: 44.0 ppb

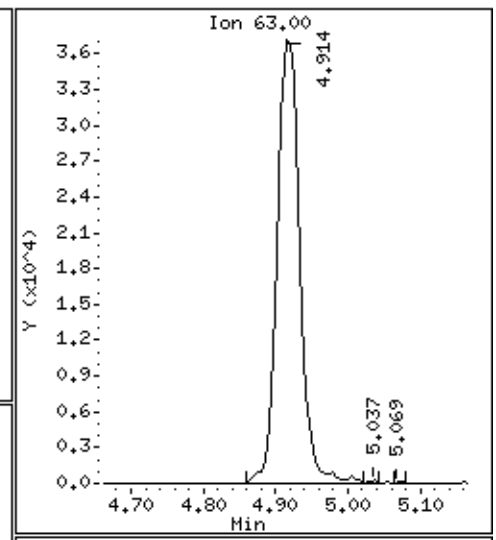
Review Code:

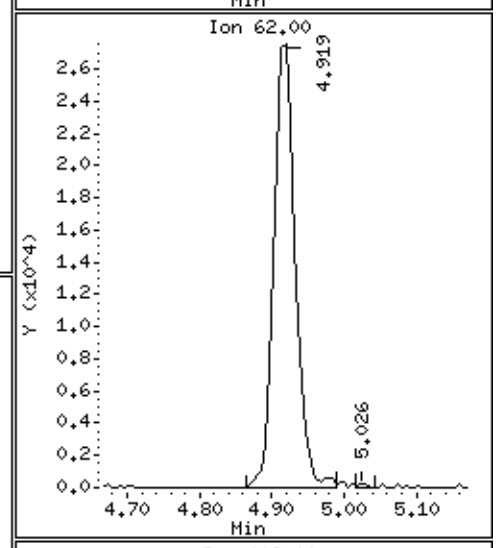


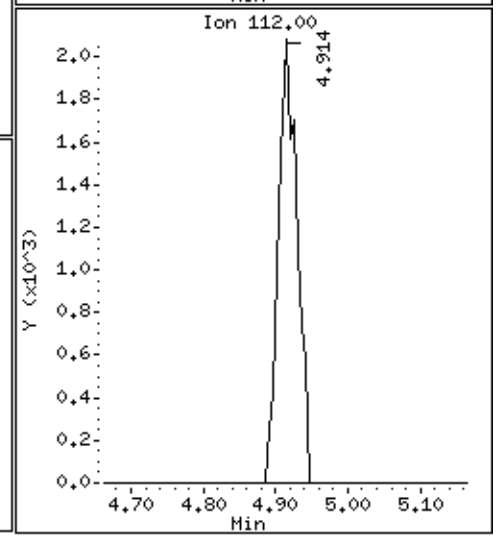












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

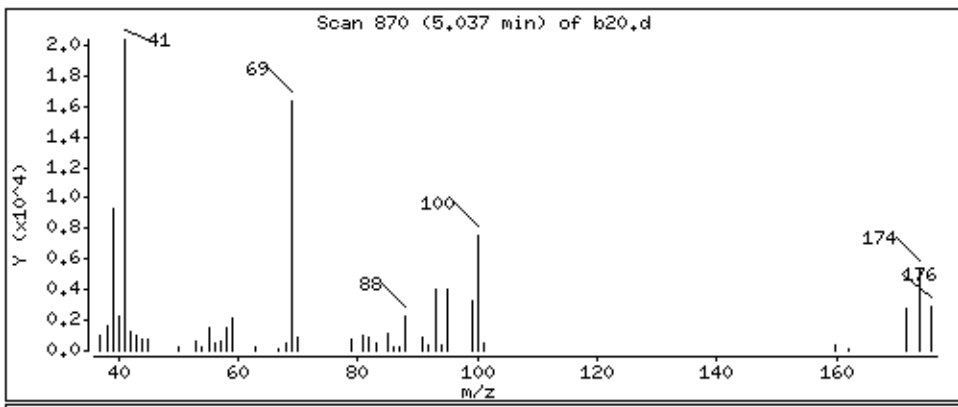
Column phase: DB-624

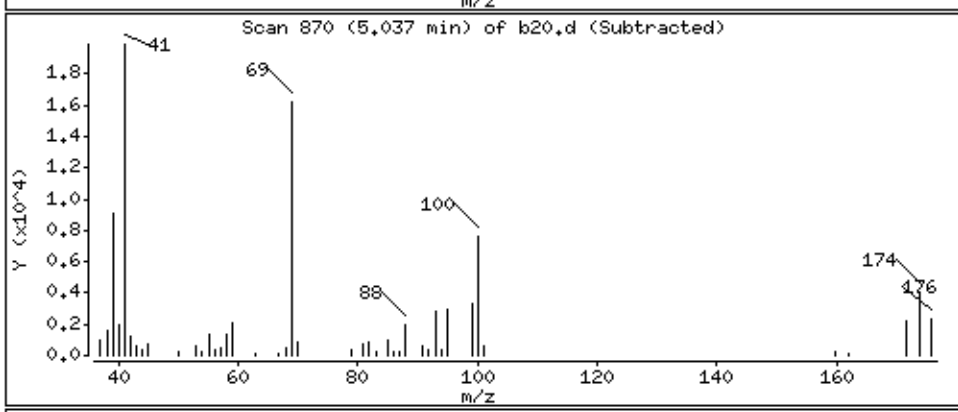
Column diameter: 0.18

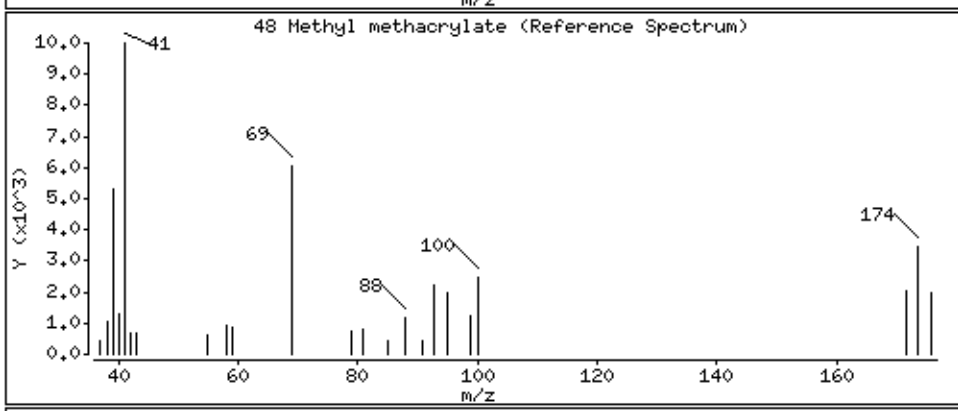
48 Methyl methacrylate

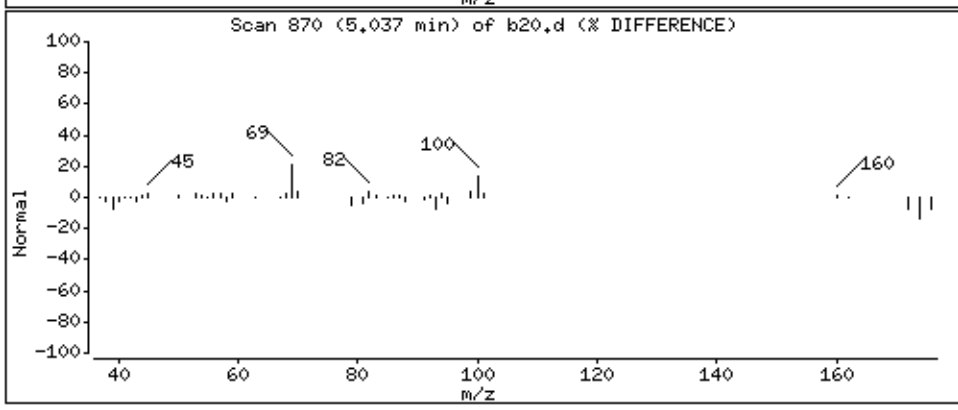
Concentration: 45.6 ppb

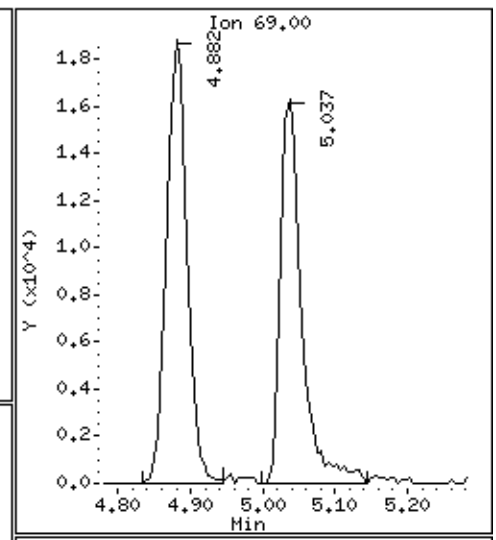
Review Code:

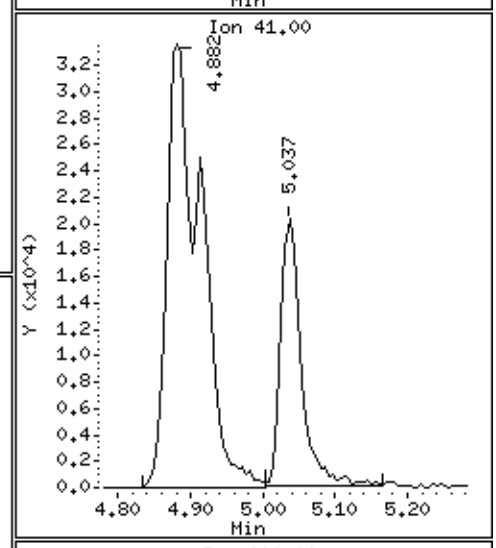


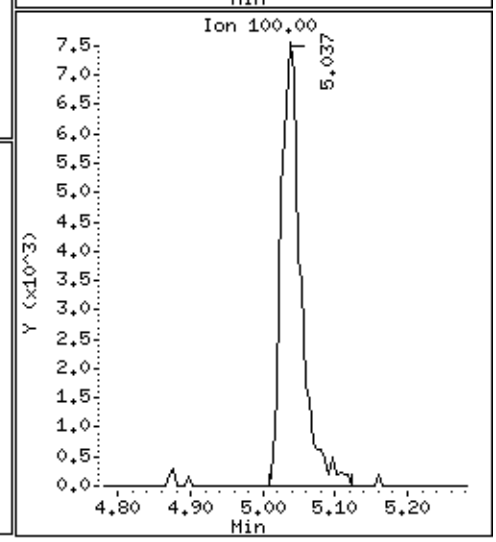












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

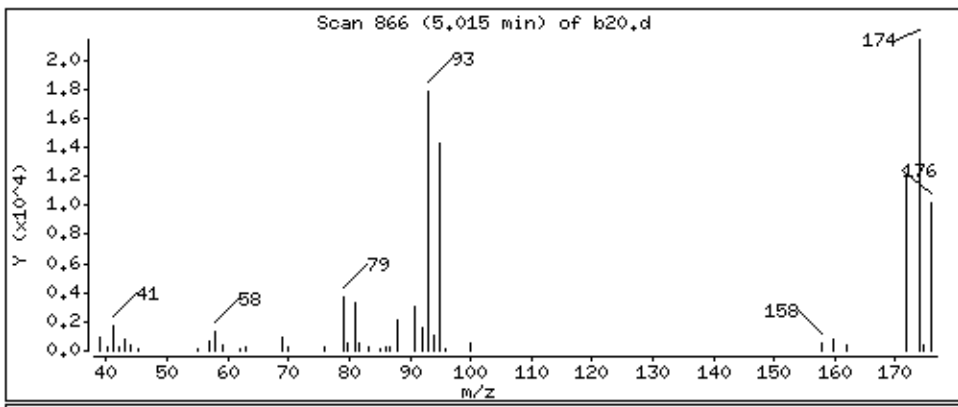
Column phase: DB-624

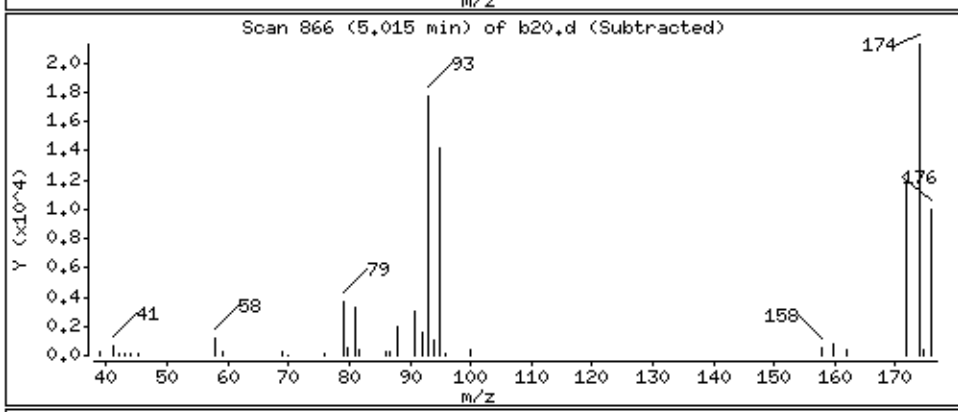
Column diameter: 0.18

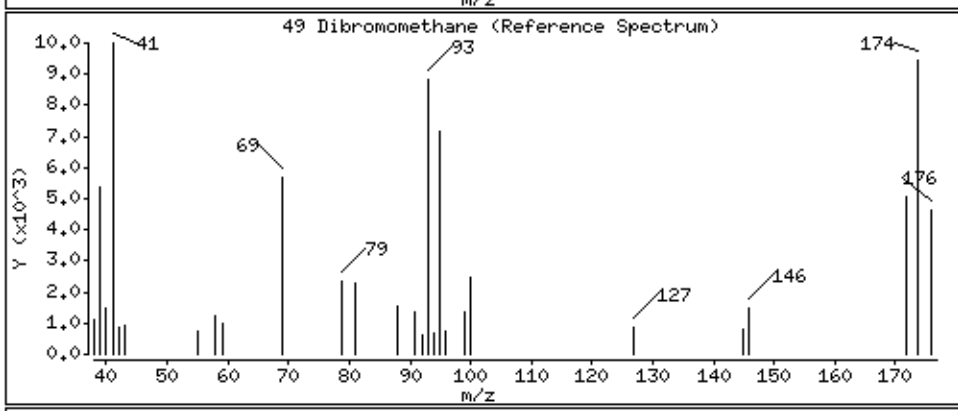
49 Dibromomethane

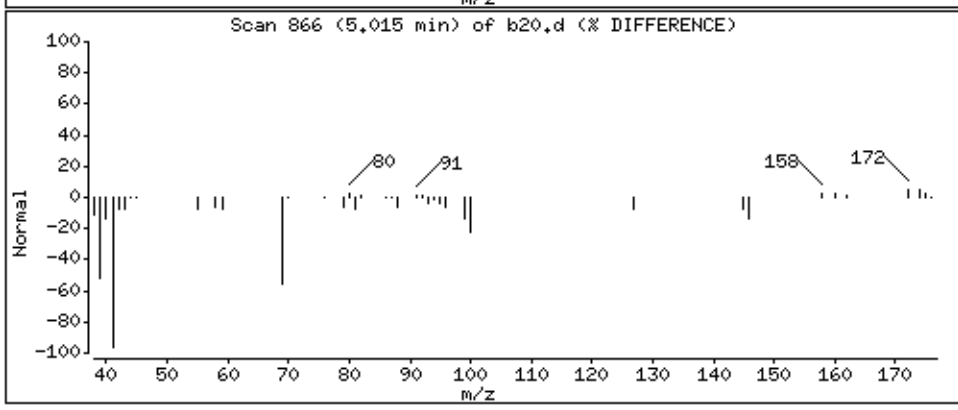
Concentration: 43.8 ppb

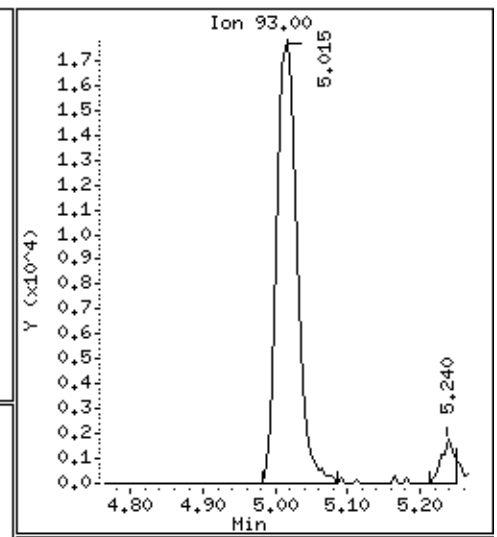
Review Code:

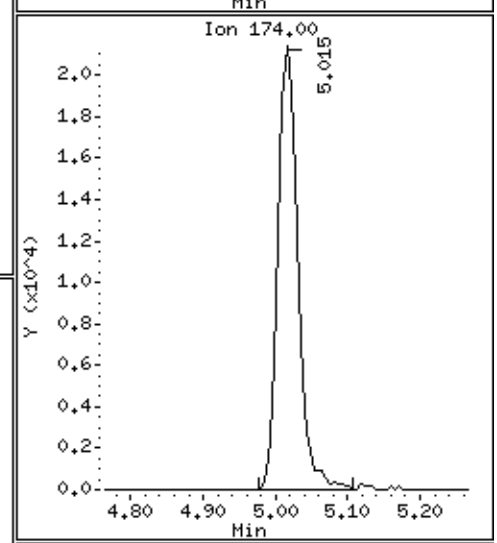


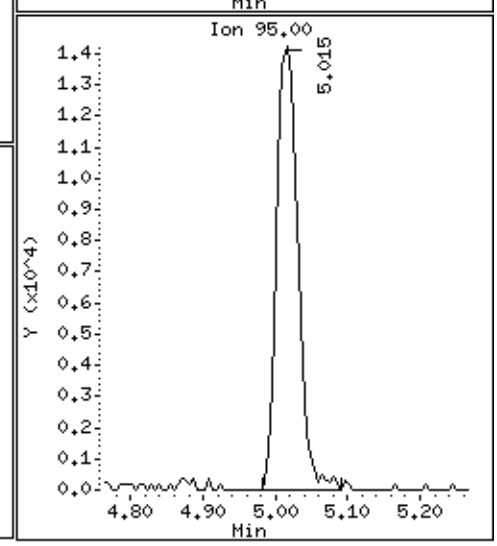












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

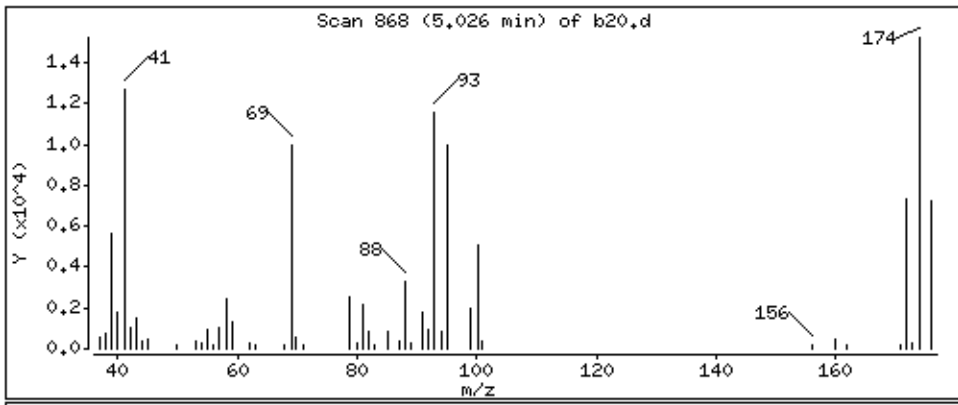
Column phase: DB-624

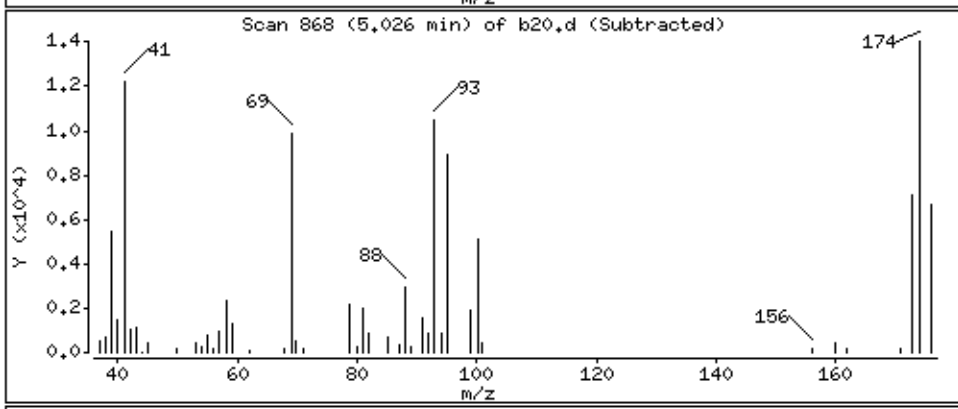
Column diameter: 0.18

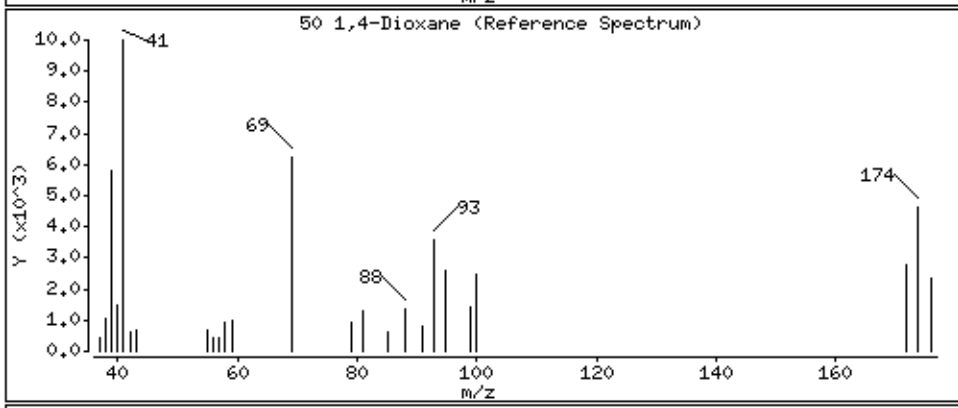
50 1,4-Dioxane

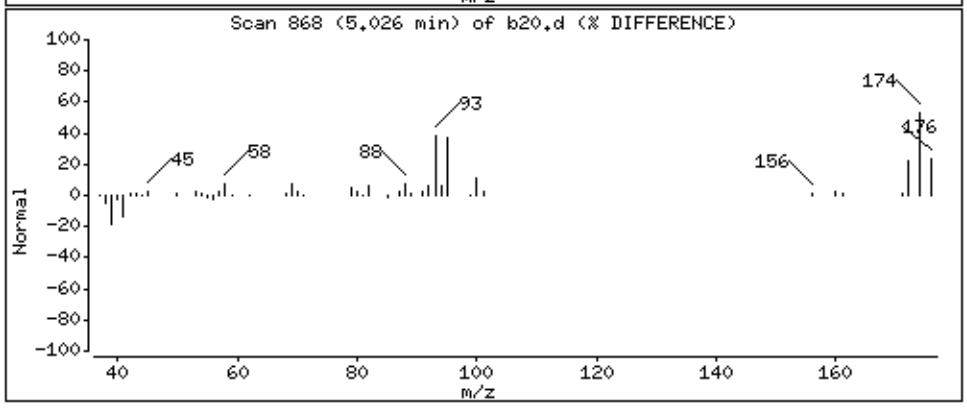
Concentration: 969 ppb

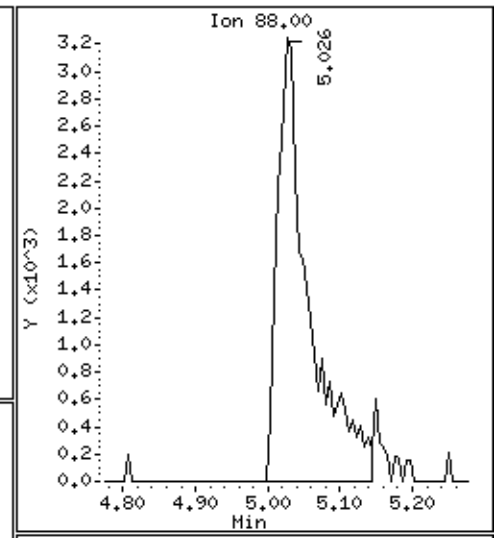
Review Code:

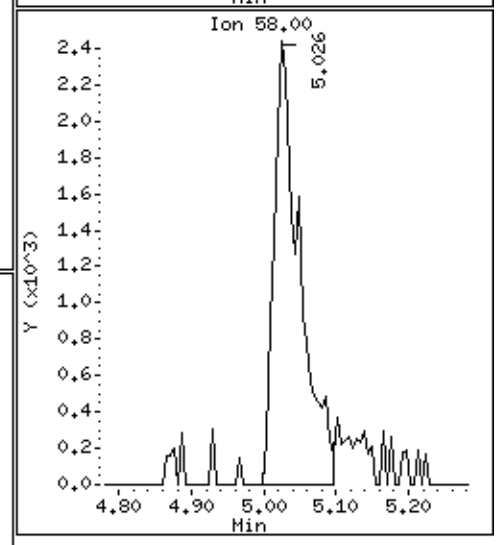












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

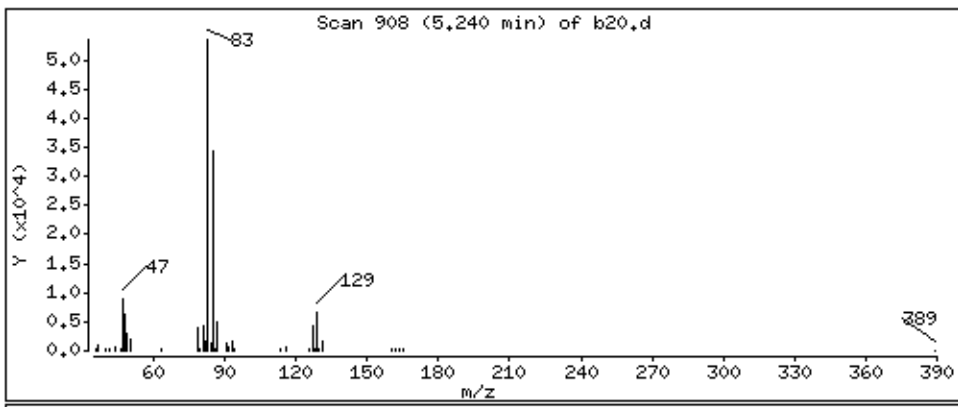
Column phase: DB-624

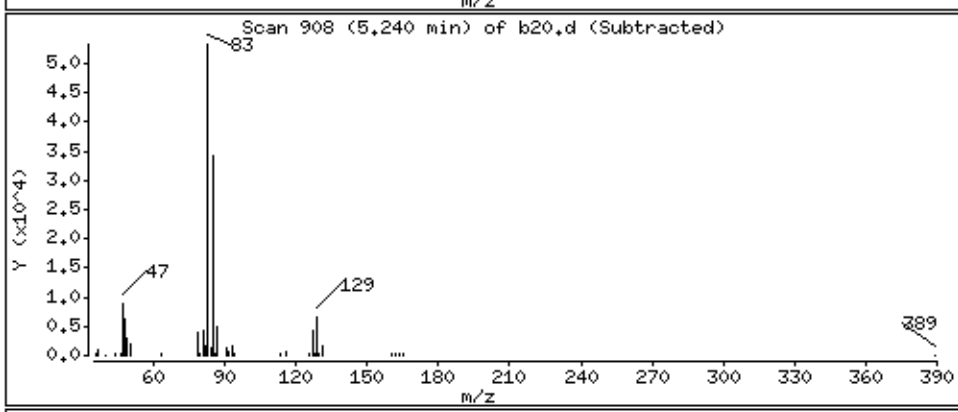
Column diameter: 0.18

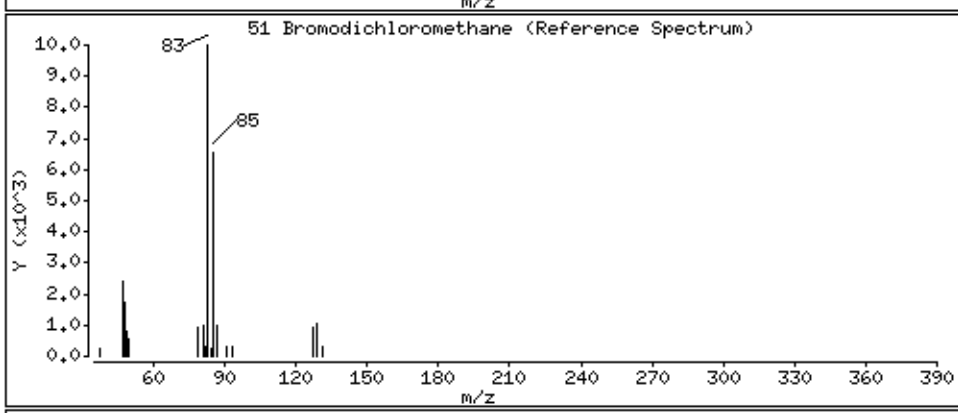
51 Bromodichloromethane

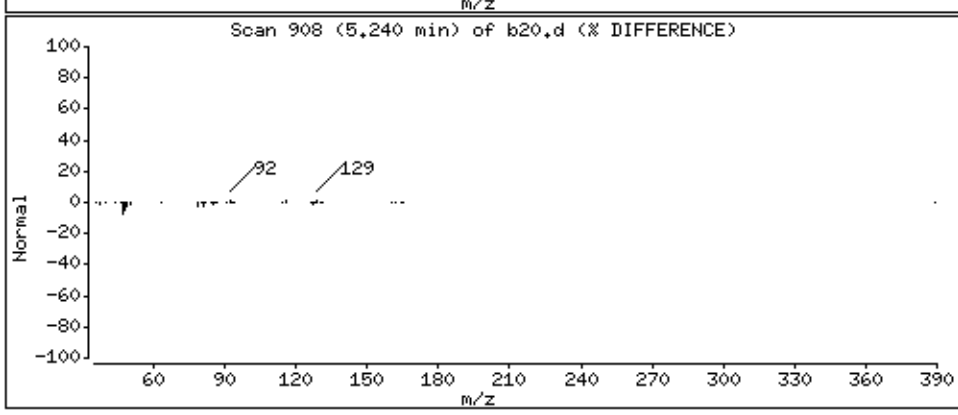
Concentration: 42.6 ppb

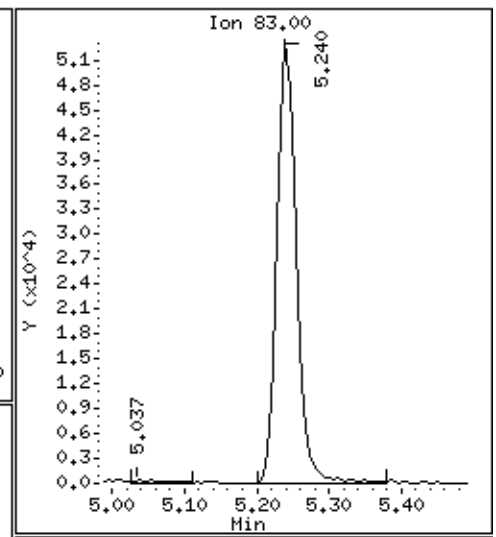
Review Code:

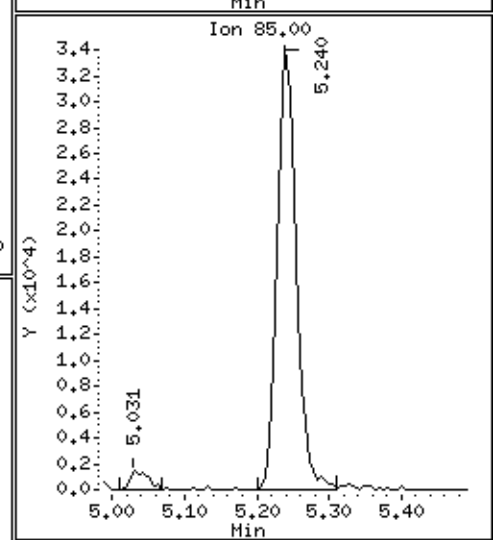


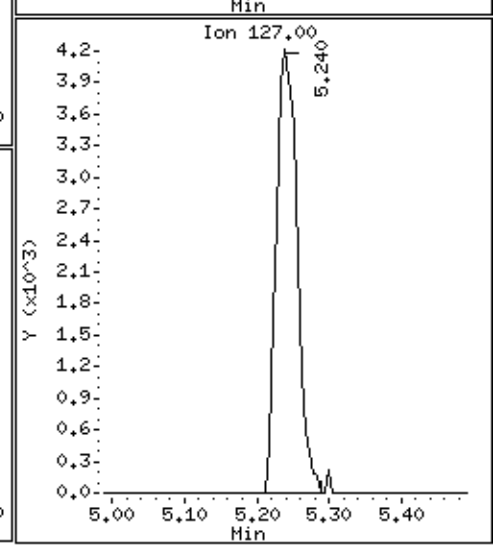












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

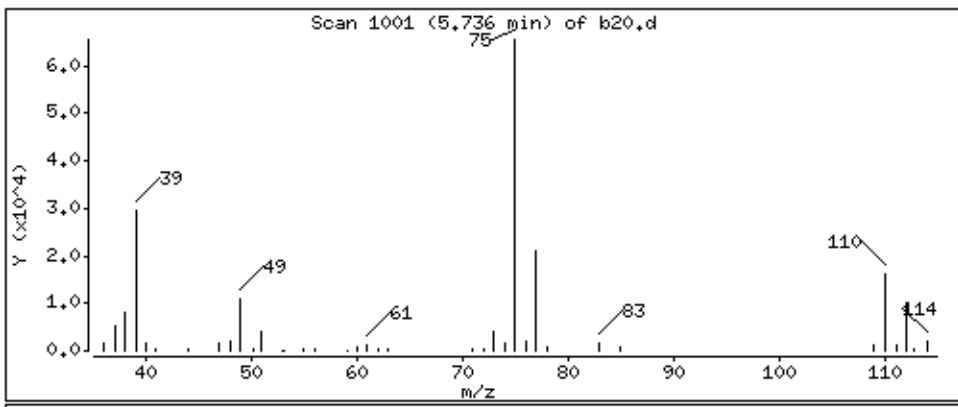
Column phase: DB-624

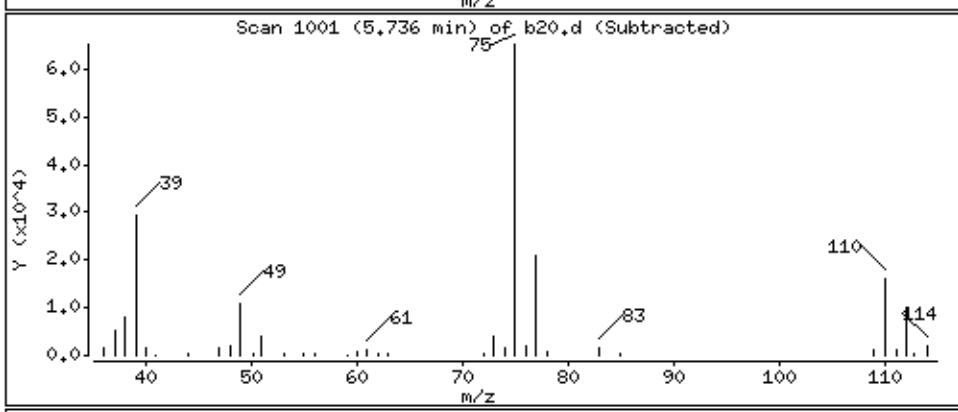
Column diameter: 0.18

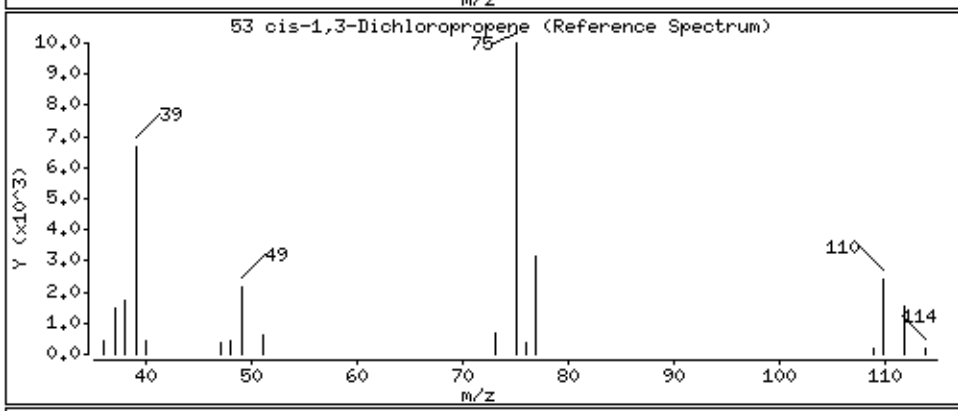
53 cis-1,3-Dichloropropene

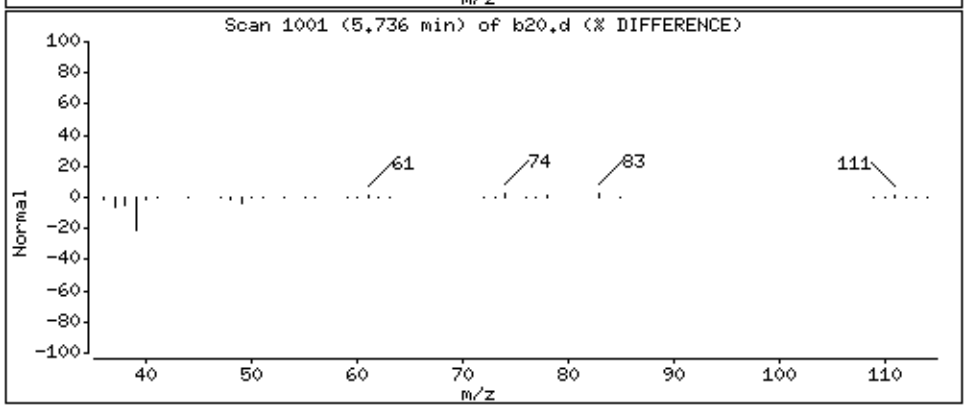
Concentration: 41.6 ppb

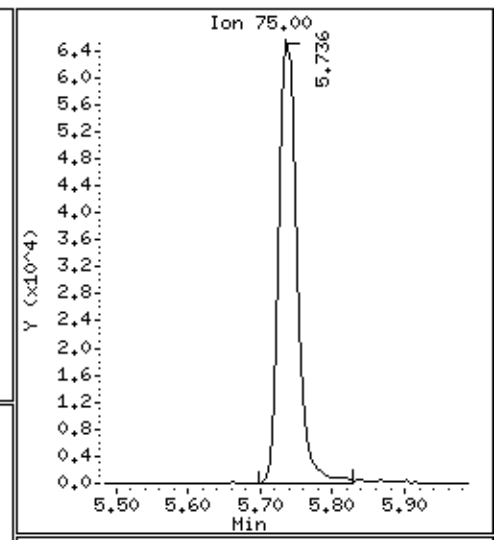
Review Code:

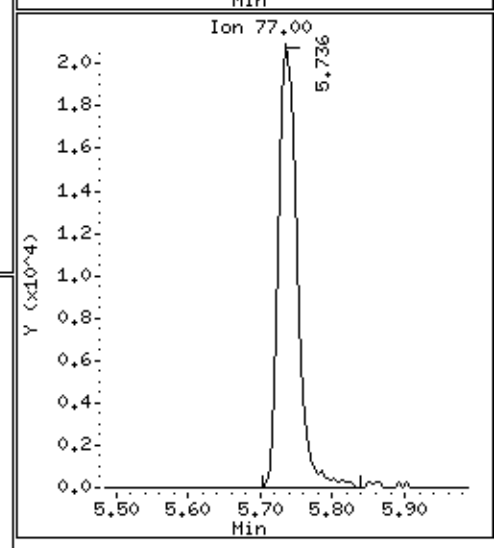












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

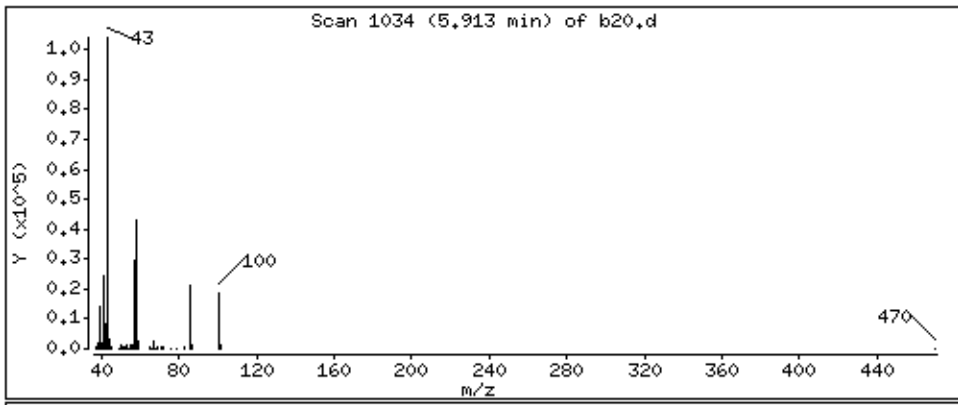
Column phase: DB-624

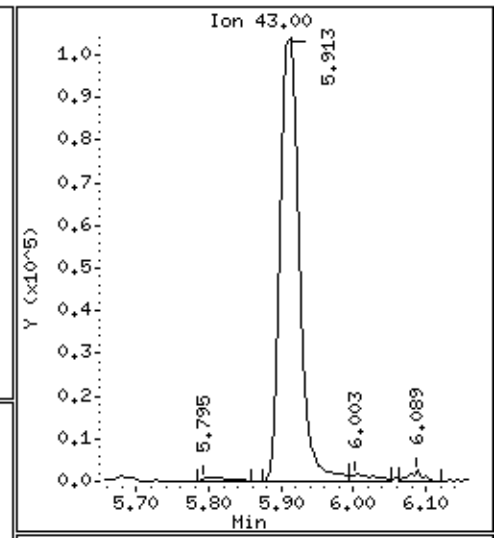
Column diameter: 0.18

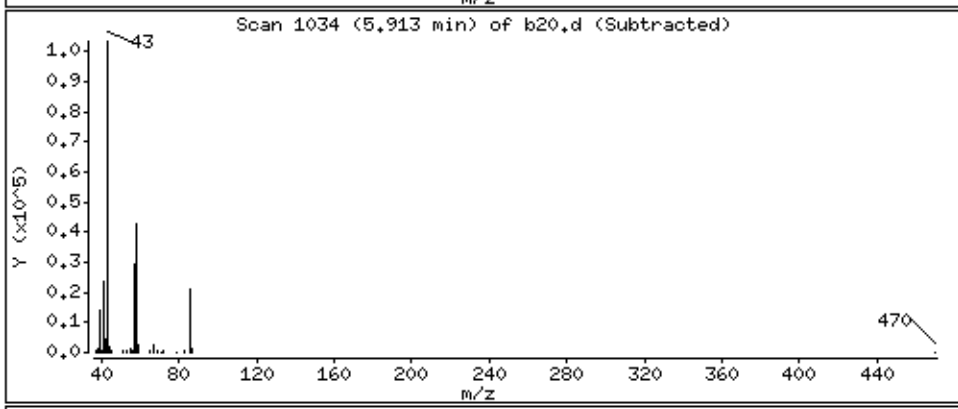
54 4-Methyl-2-Pentanone

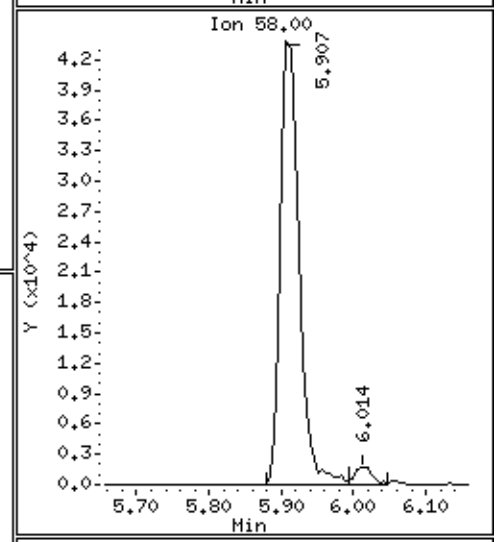
Concentration: 204 ppb

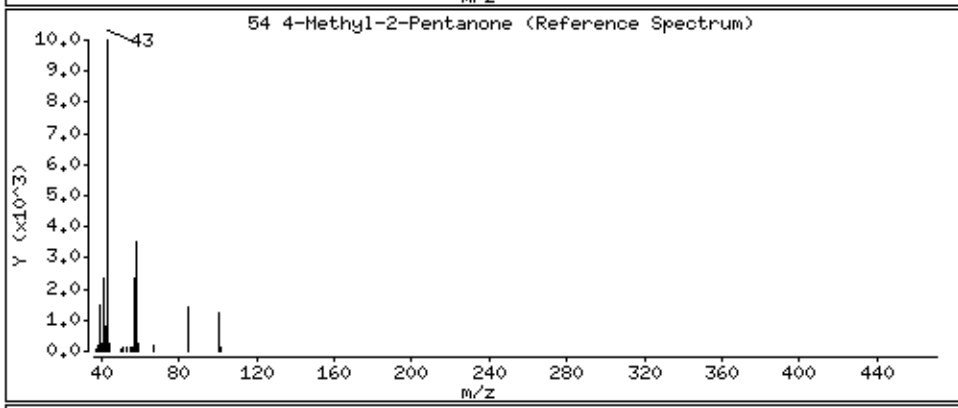
Review Code:

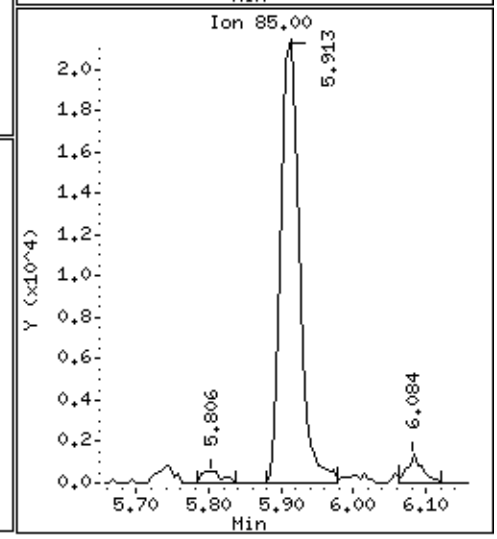


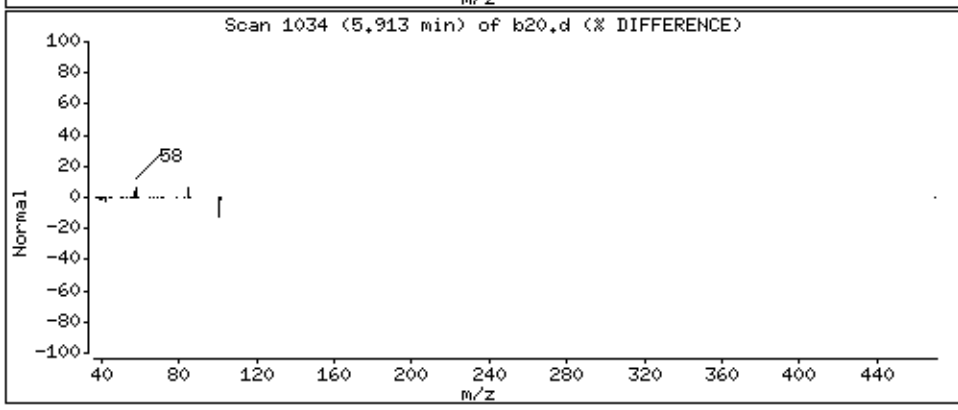












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

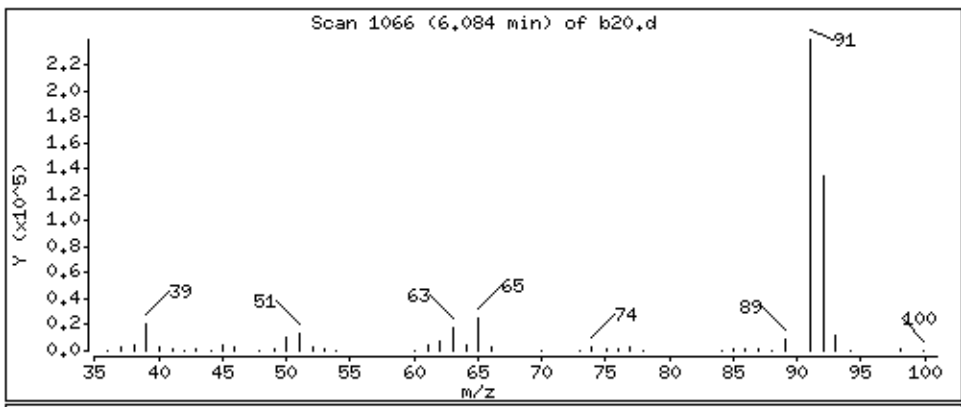
Column phase: DB-624

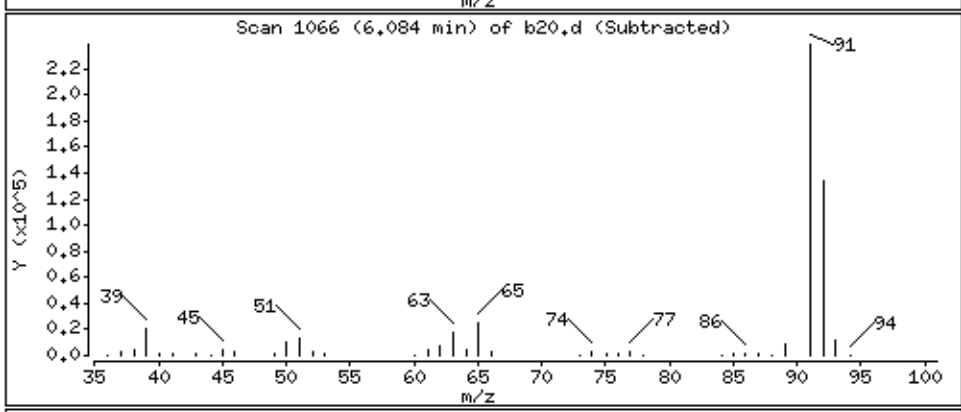
Column diameter: 0.18

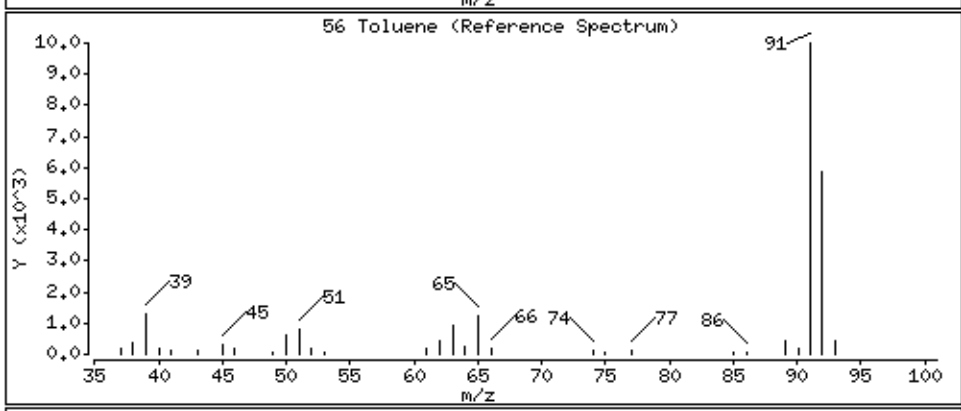
56 Toluene

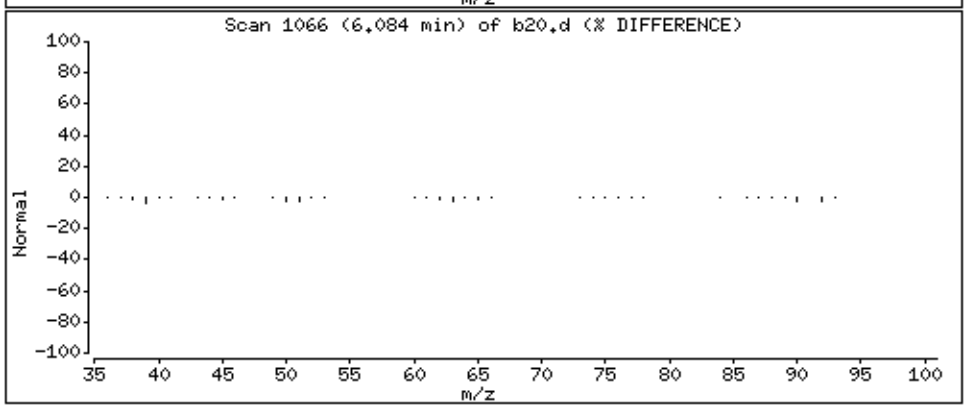
Concentration: 44.0 ppb

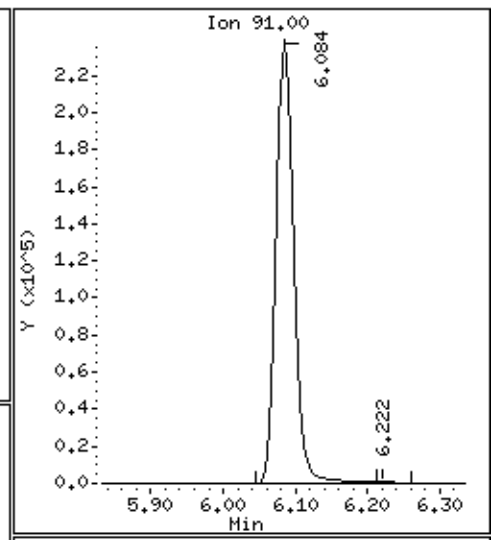
Review Code:

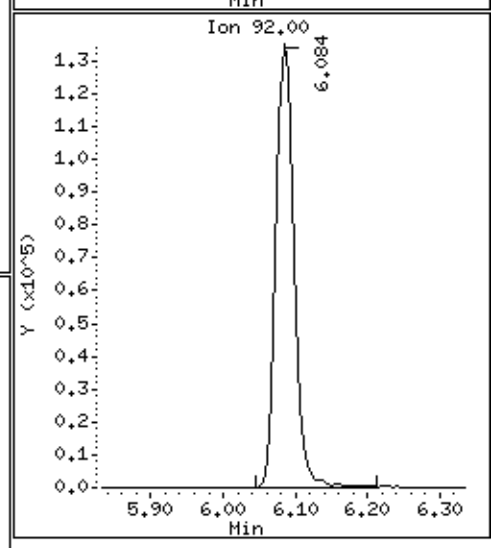












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

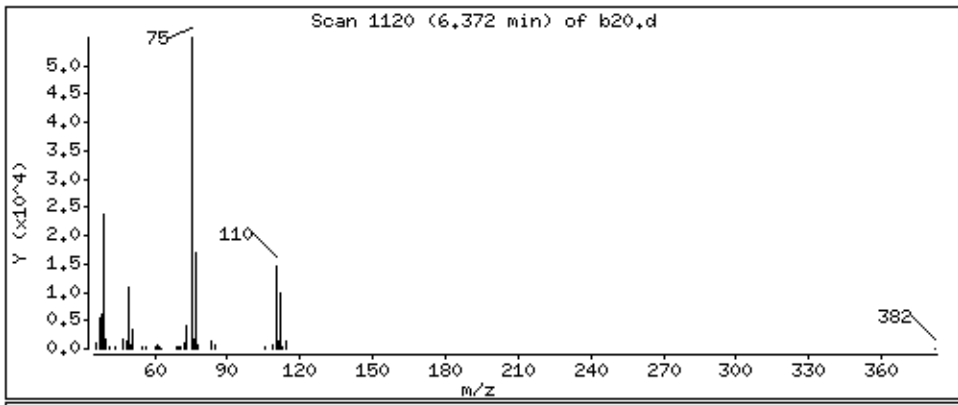
Column phase: DB-624

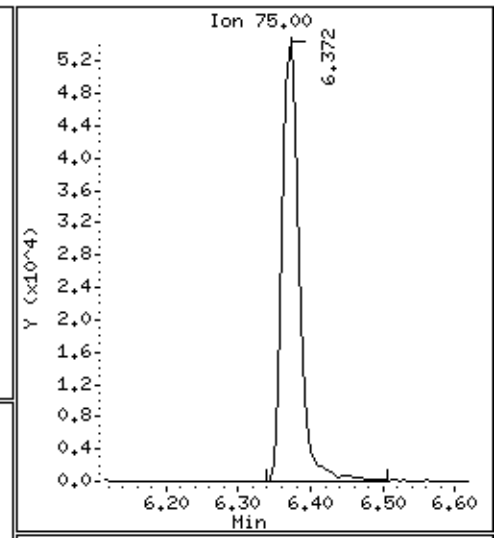
Column diameter: 0.18

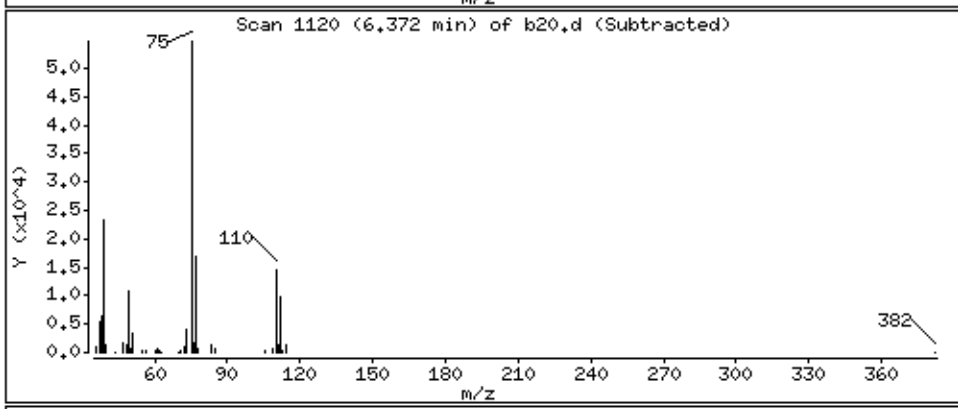
57 trans-1,3-Dichloropropene

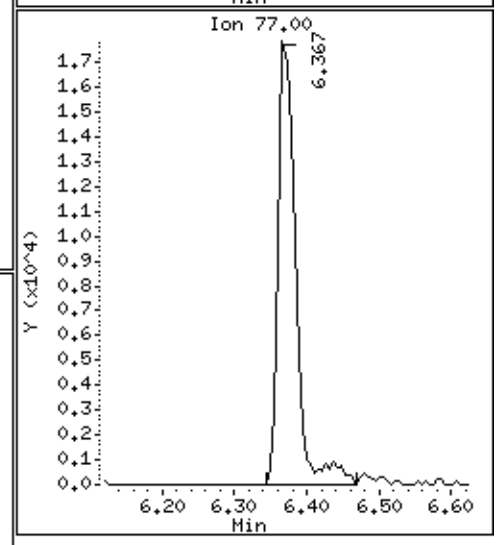
Concentration: 40.6 ppb

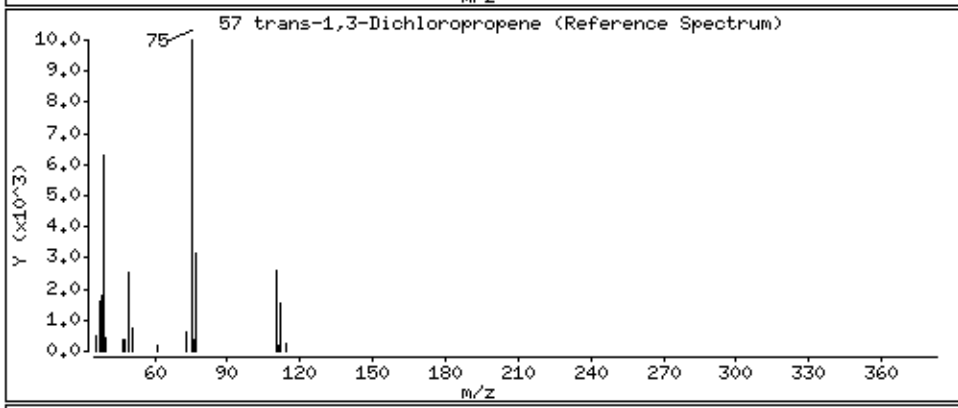
Review Code:

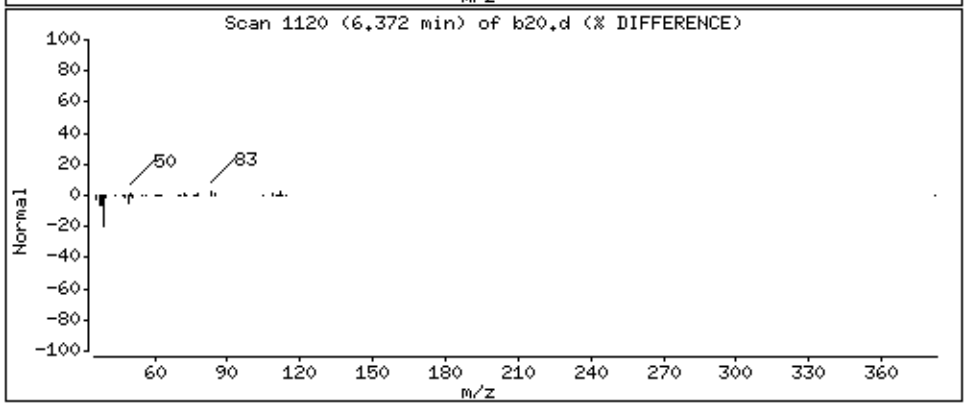












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

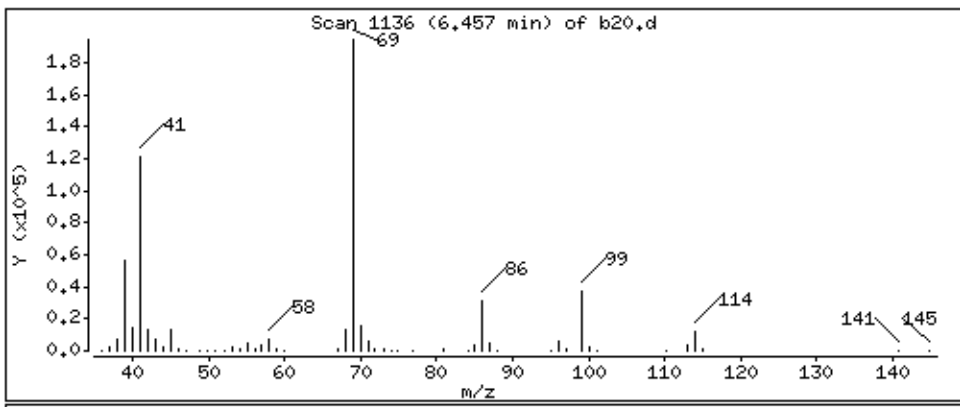
Column phase: DB-624

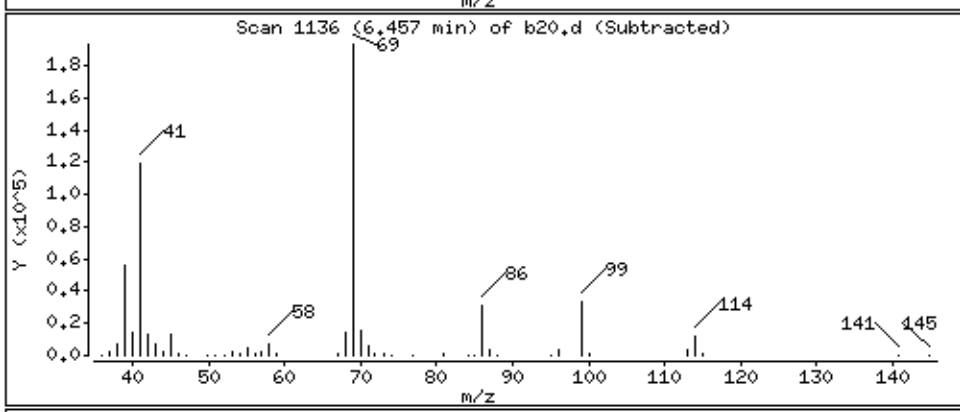
Column diameter: 0.18

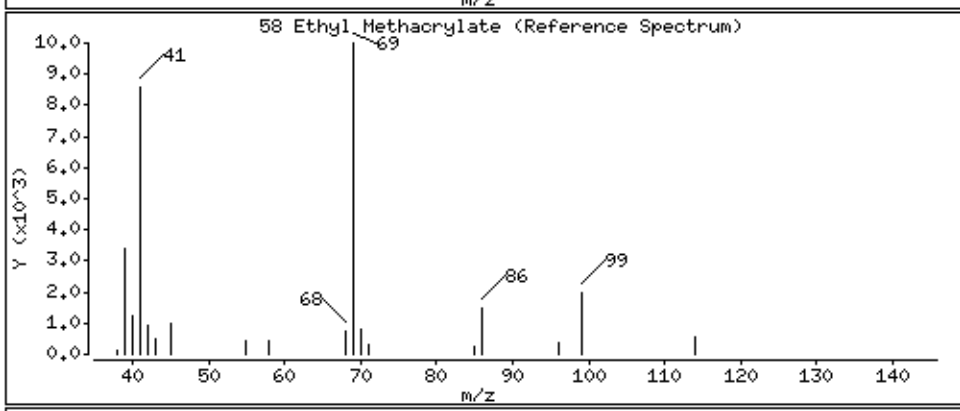
58 Ethyl Methacrylate

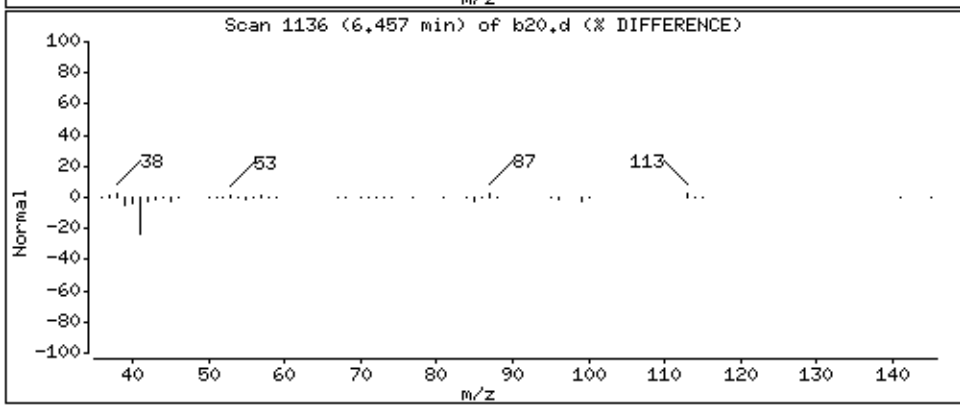
Concentration: 177 ppb

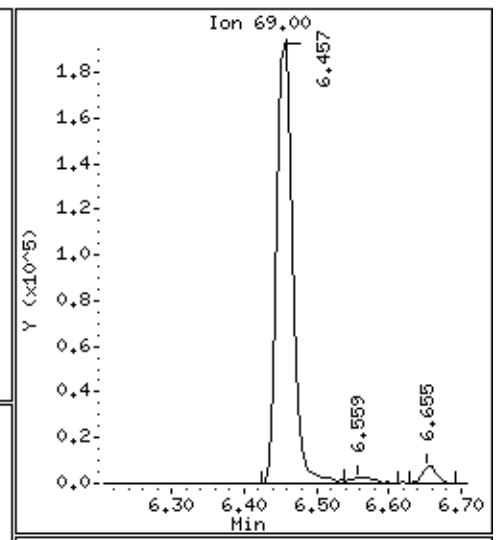
Review Code:

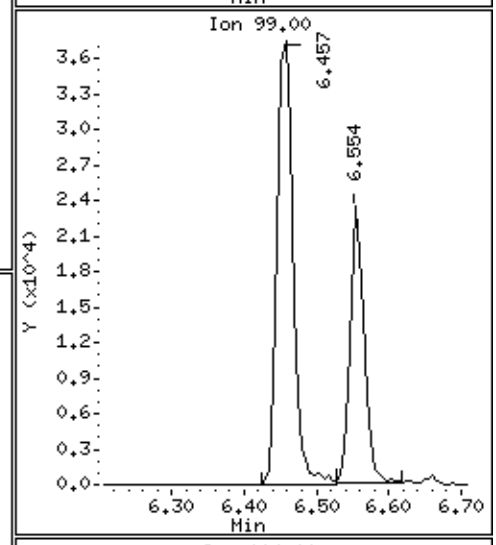


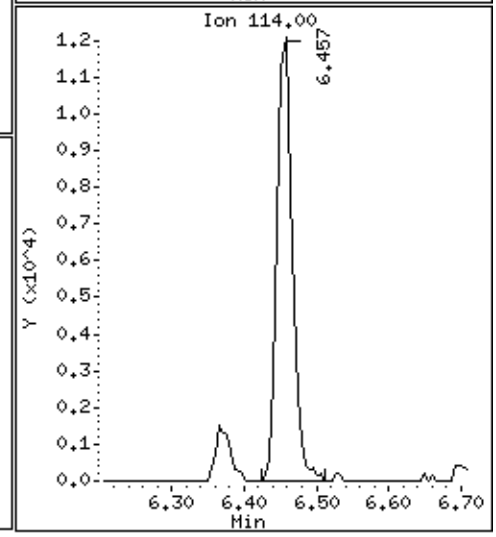












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

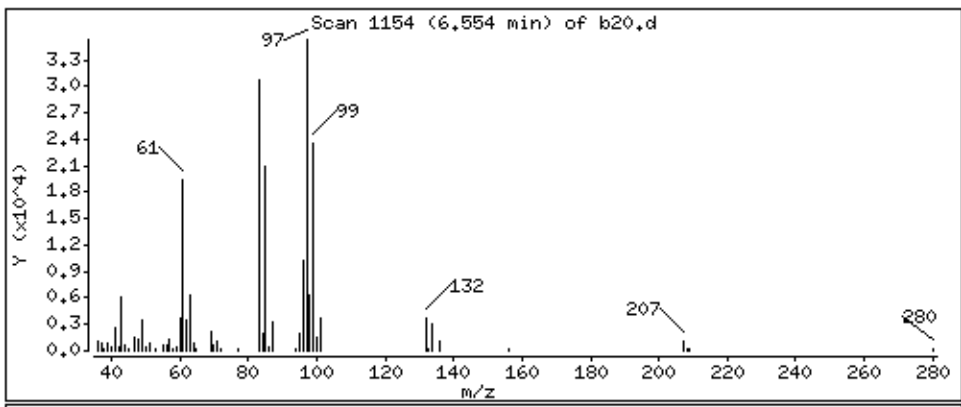
Column phase: DB-624

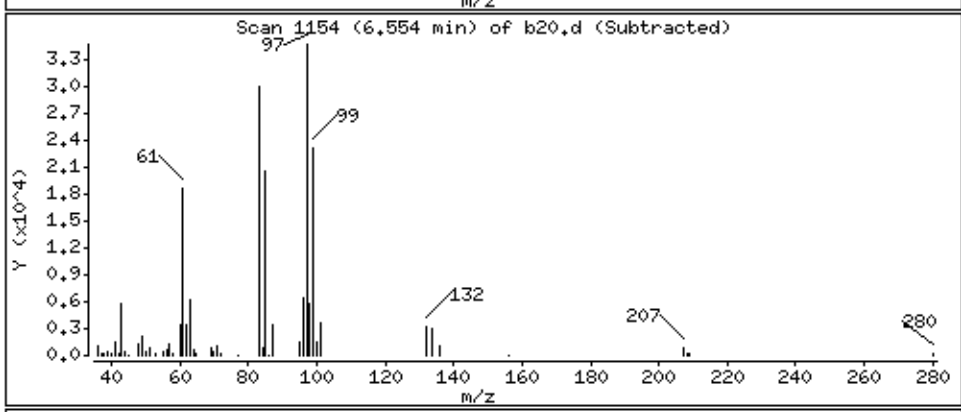
Column diameter: 0.18

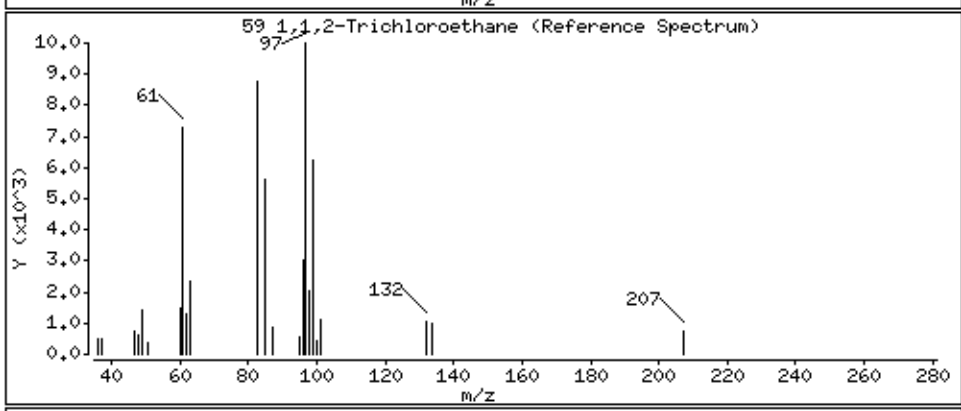
59 1,1,2-Trichloroethane

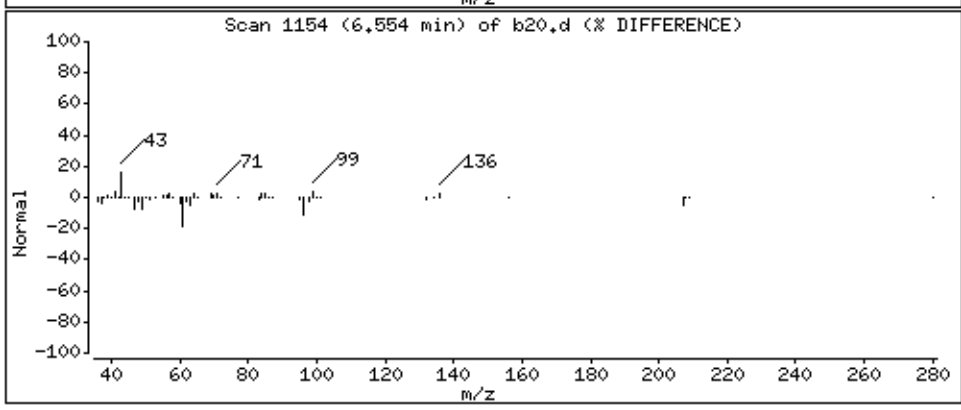
Concentration: 42.3 ppb

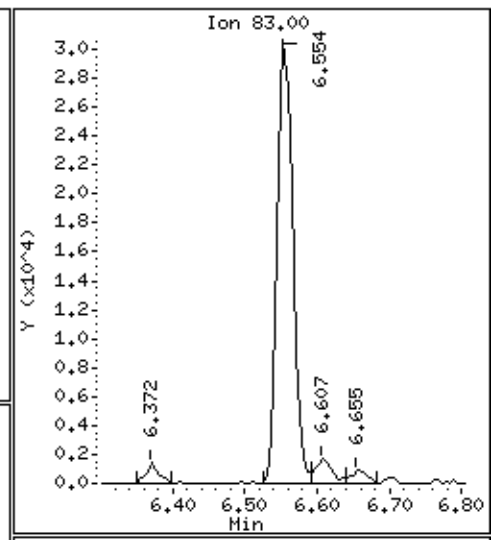
Review Code:

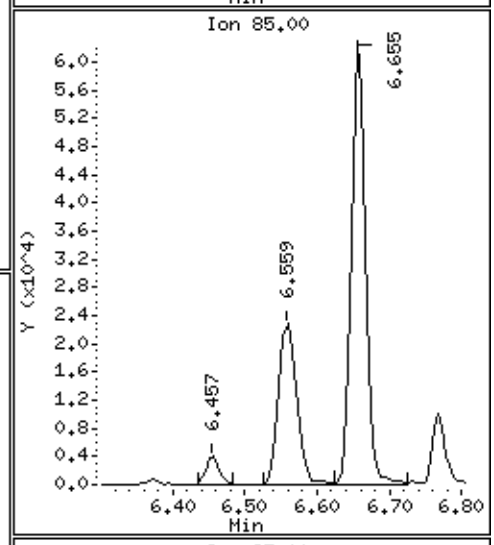


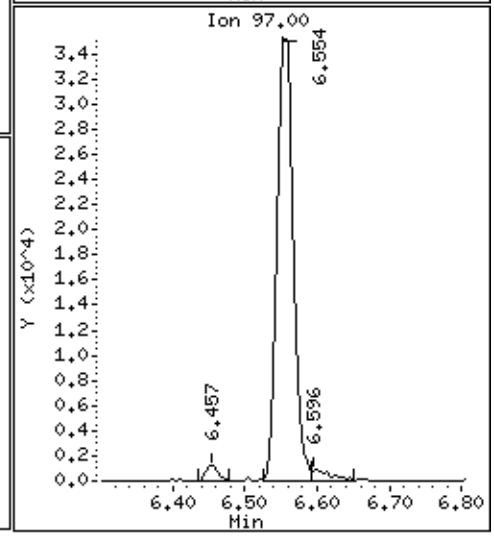












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

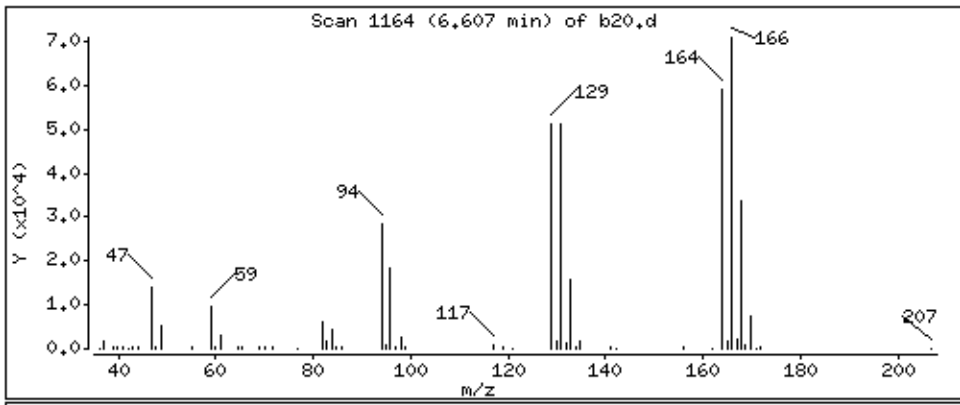
Column phase: DB-624

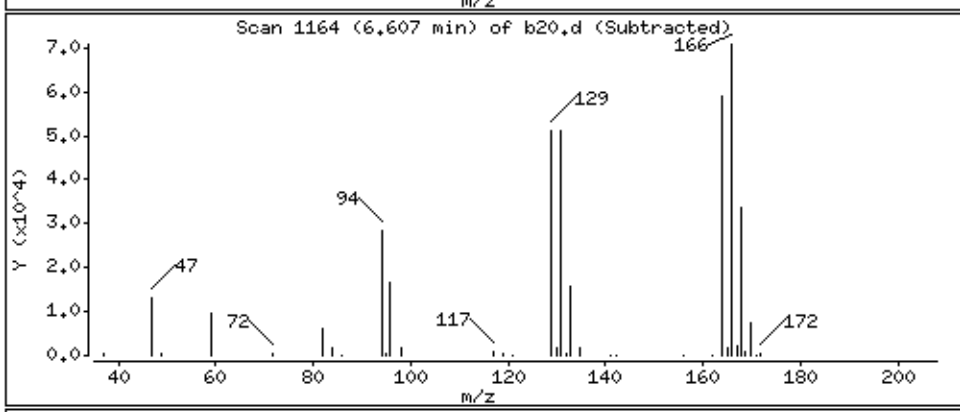
Column diameter: 0.18

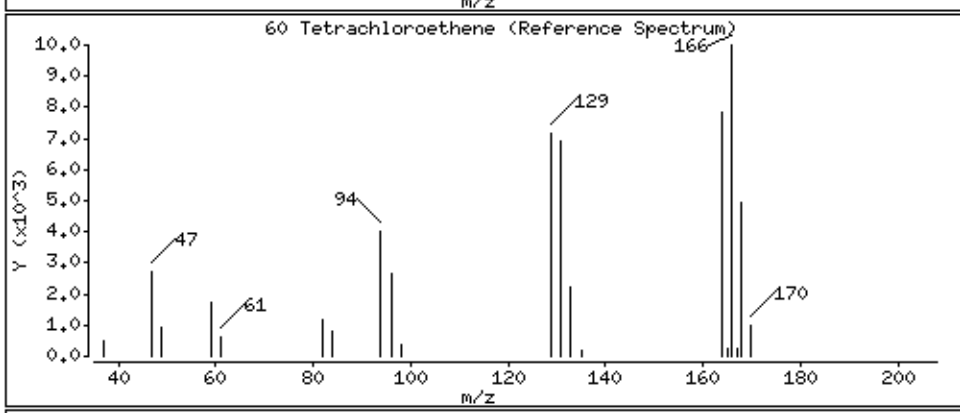
60 Tetrachloroethene

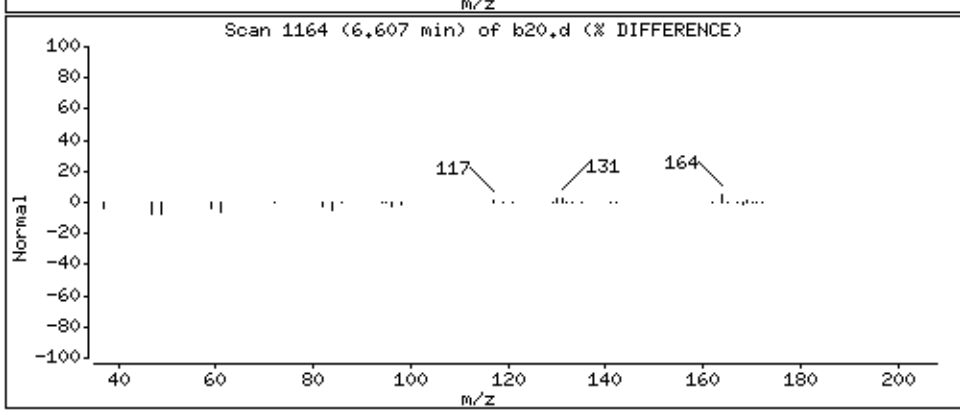
Concentration: 45.0 ppb

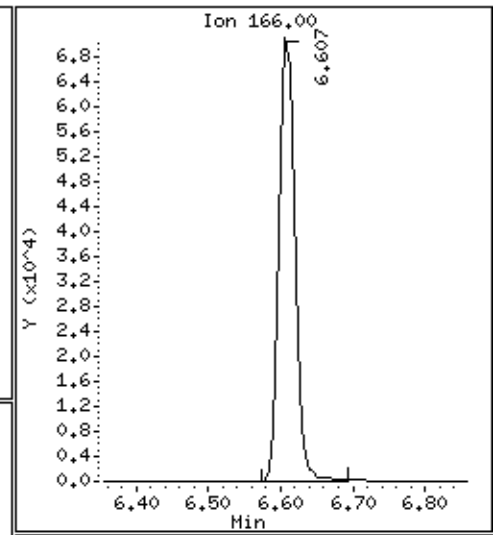
Review Code:

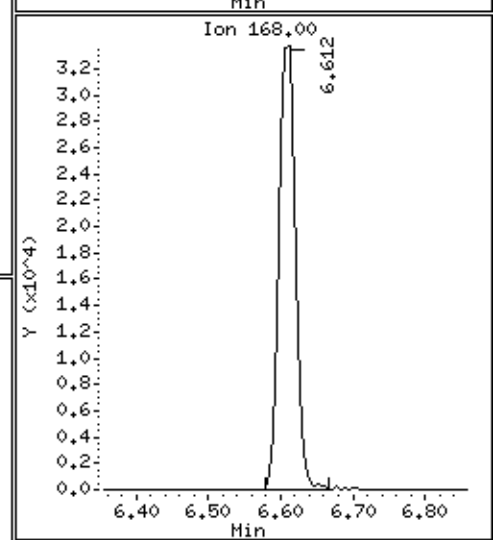


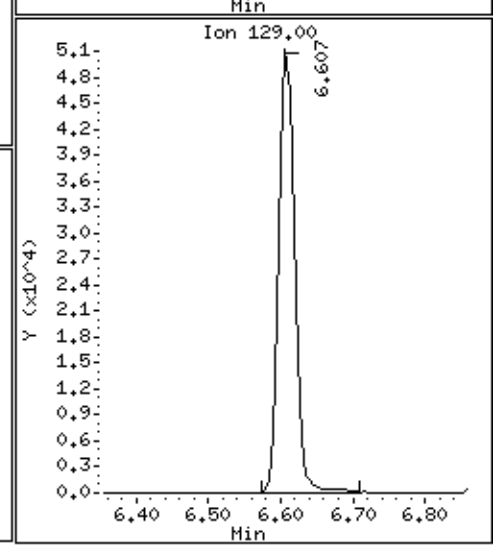












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

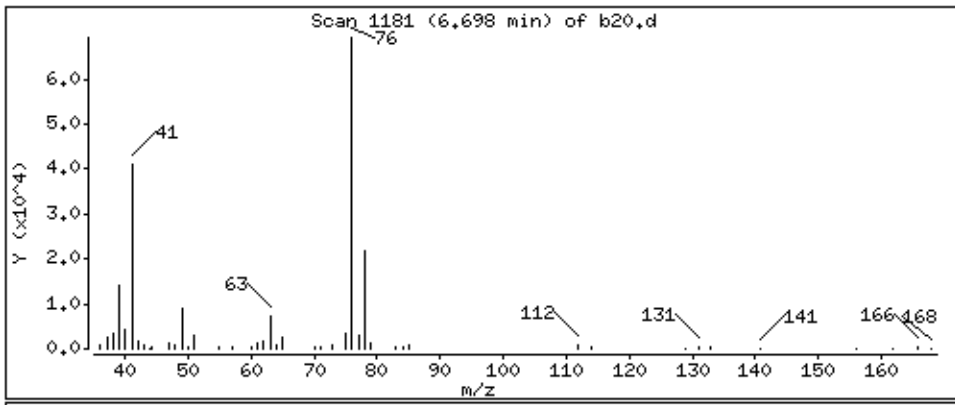
Column phase: DB-624

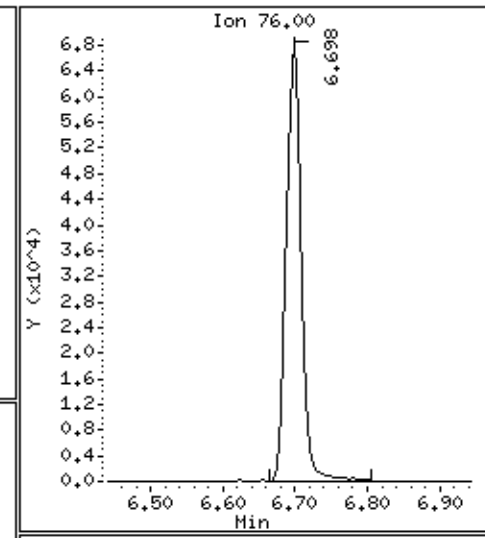
Column diameter: 0.18

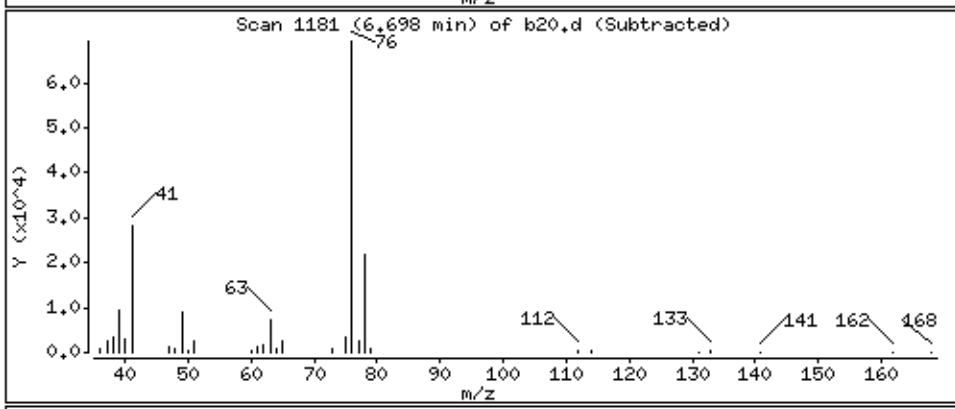
61 1,3-Dichloropropane

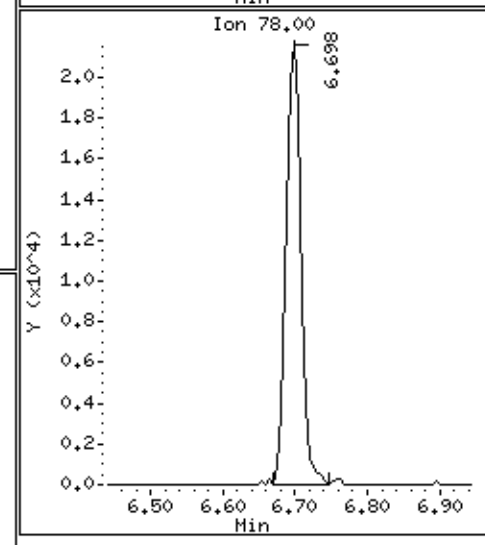
Concentration: 48.4 ppb

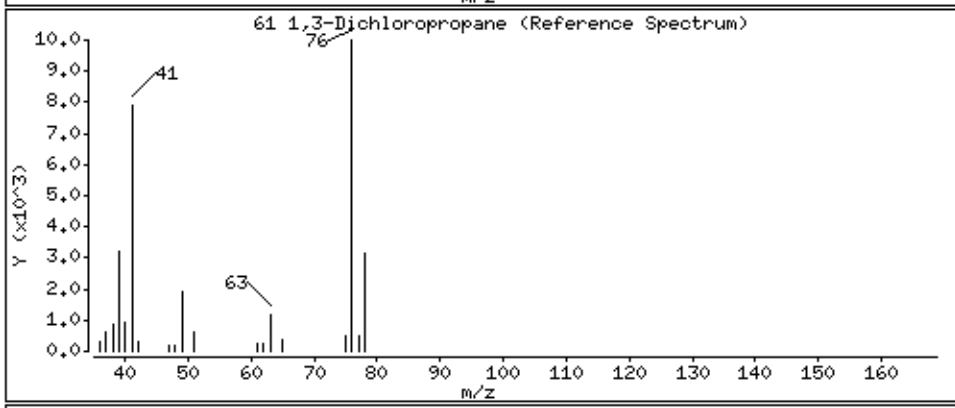
Review Code:

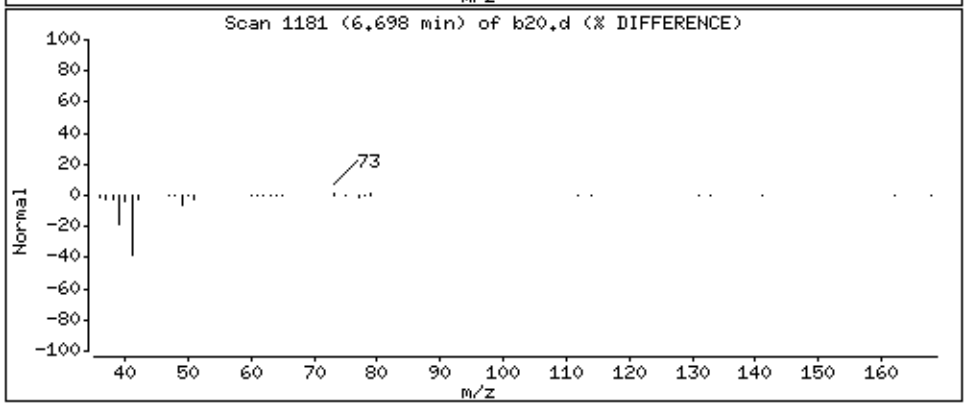












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

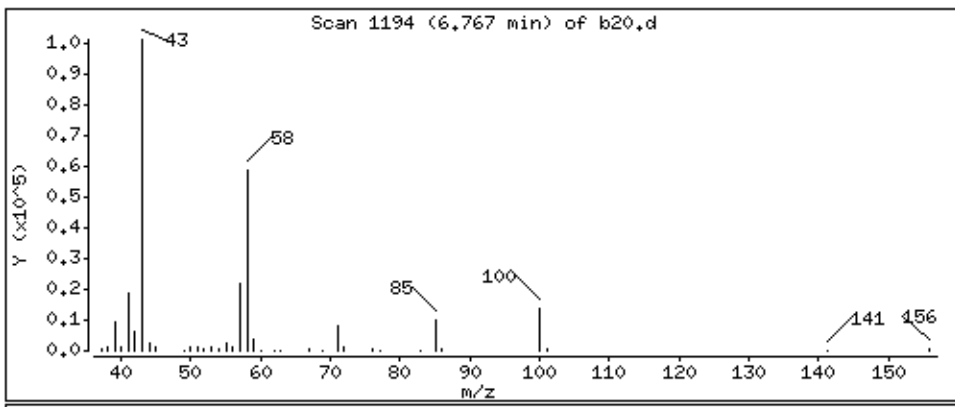
Column phase: DB-624

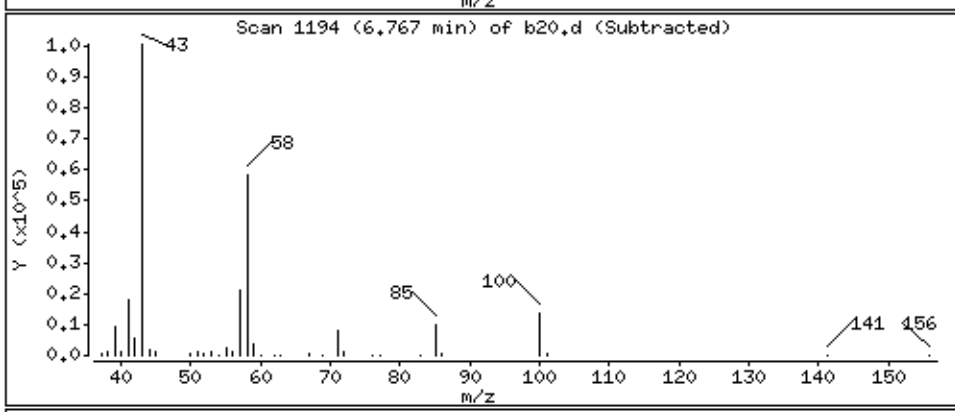
Column diameter: 0.18

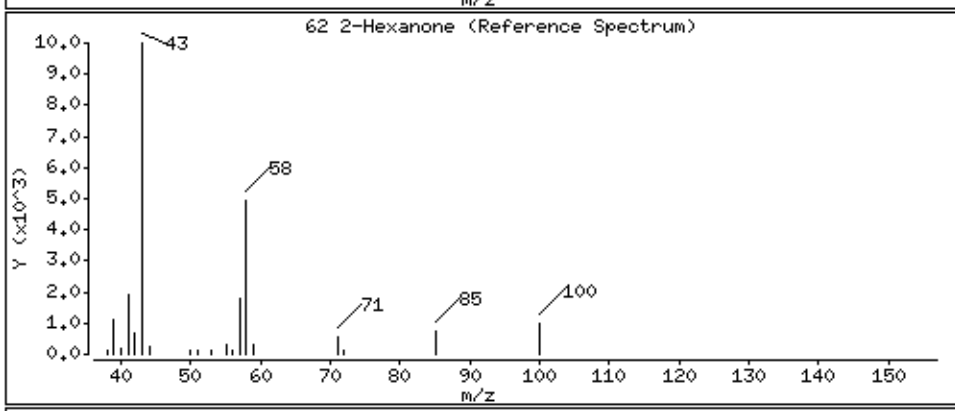
62 2-Hexanone

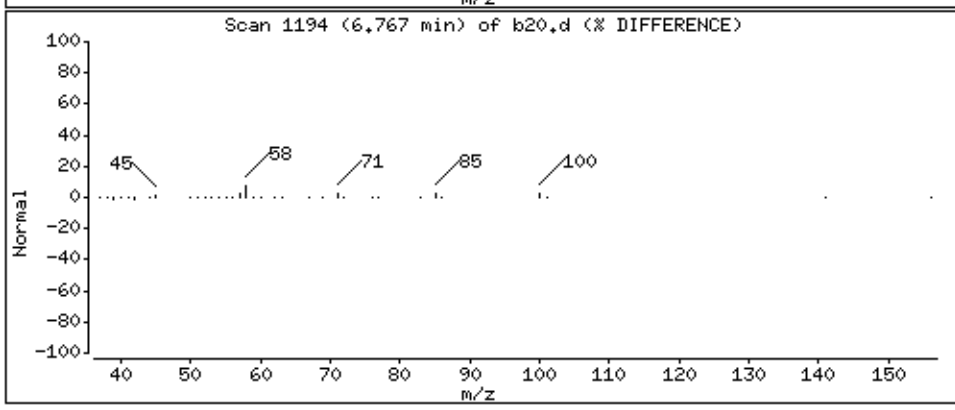
Concentration: 230 ppb

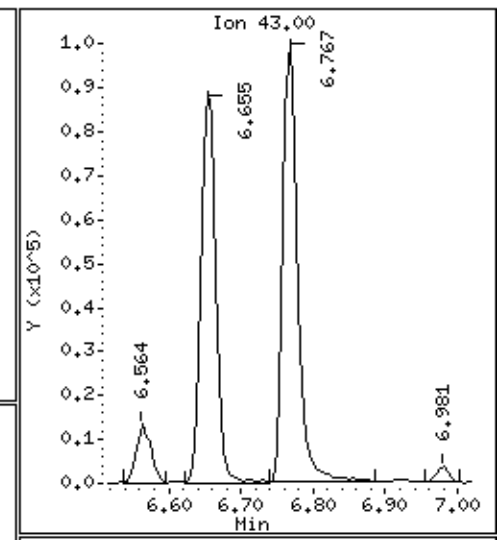
Review Code:

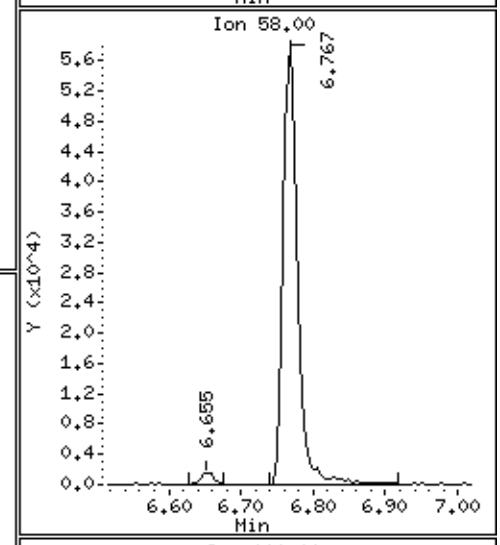


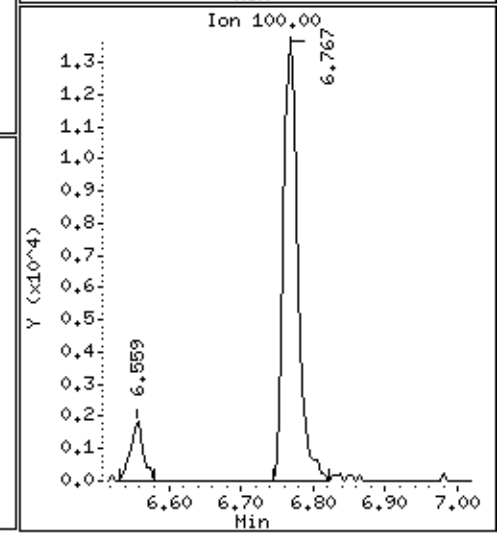












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

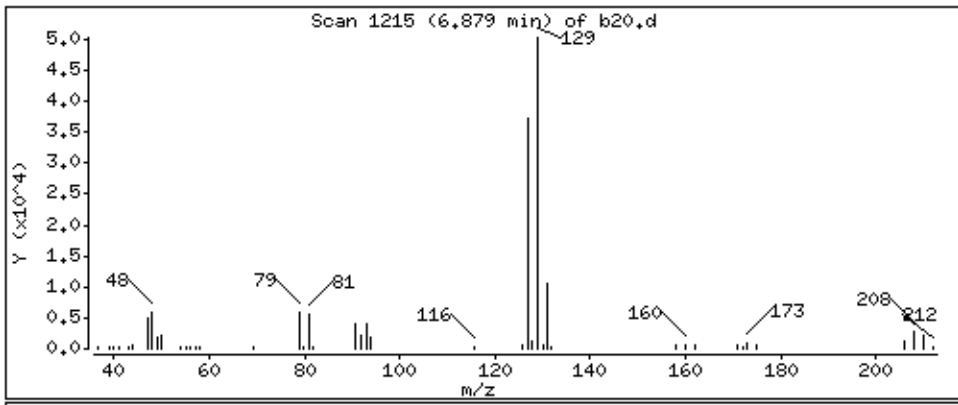
Column phase: DB-624

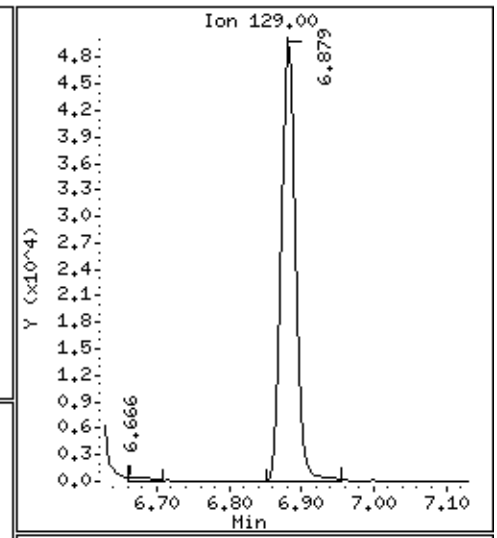
Column diameter: 0.18

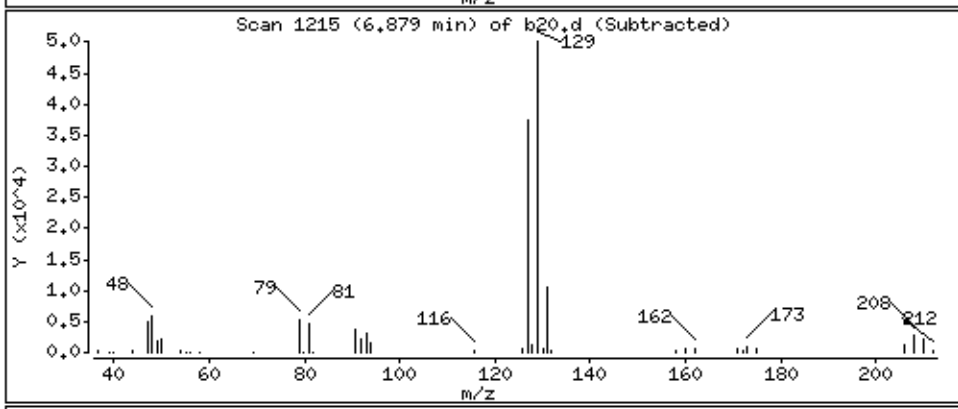
63 Dibromochloromethane

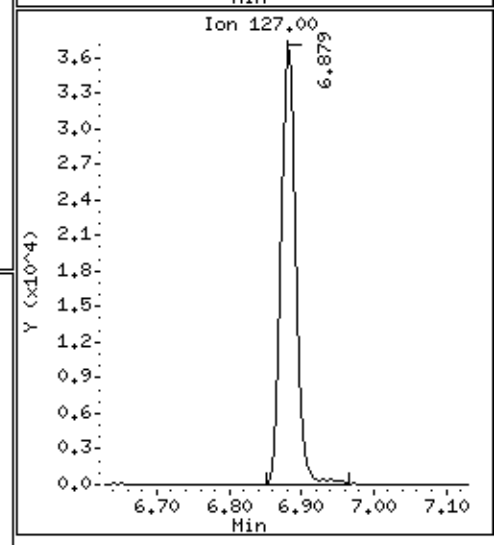
Concentration: 45.0 ppb

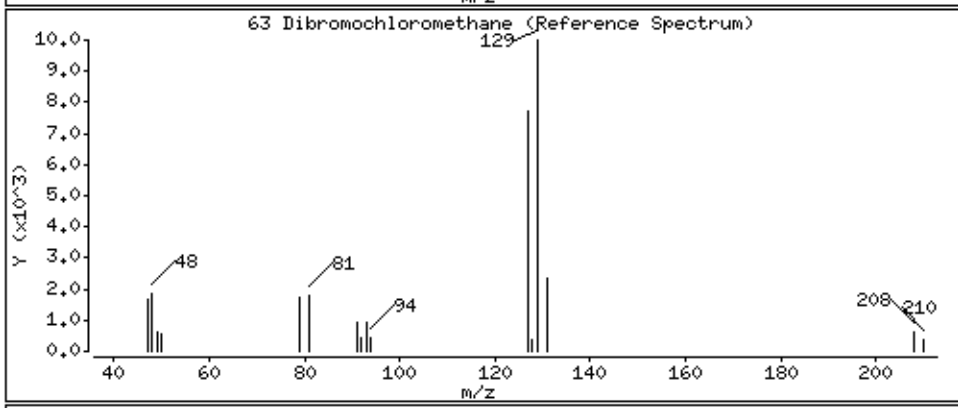
Review Code:

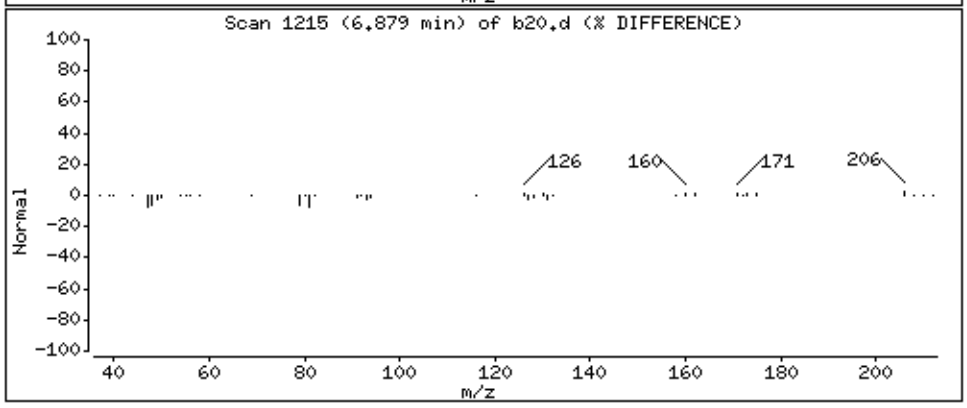












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

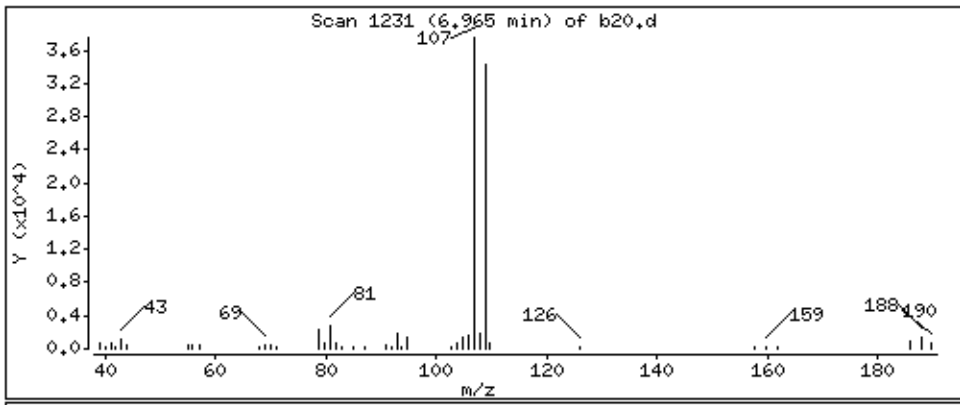
Column phase: DB-624

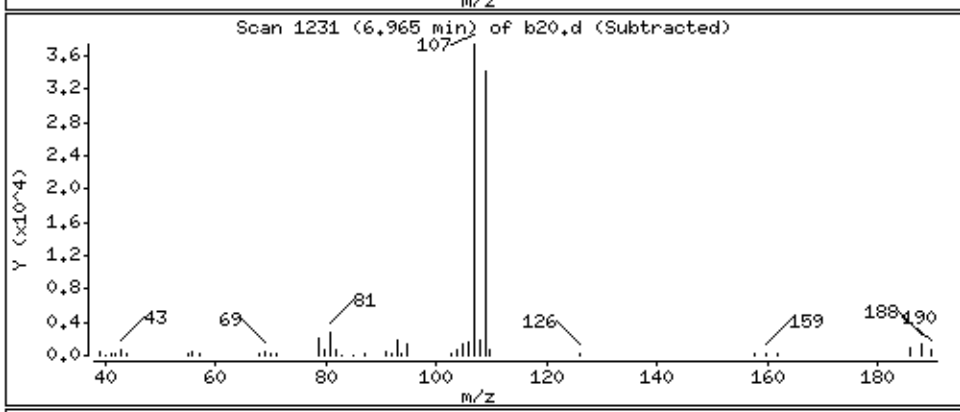
Column diameter: 0.18

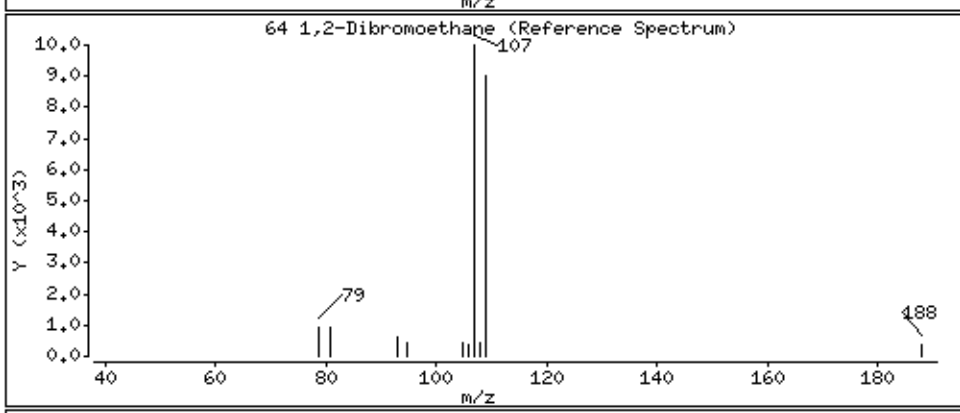
64 1,2-Dibromoethane

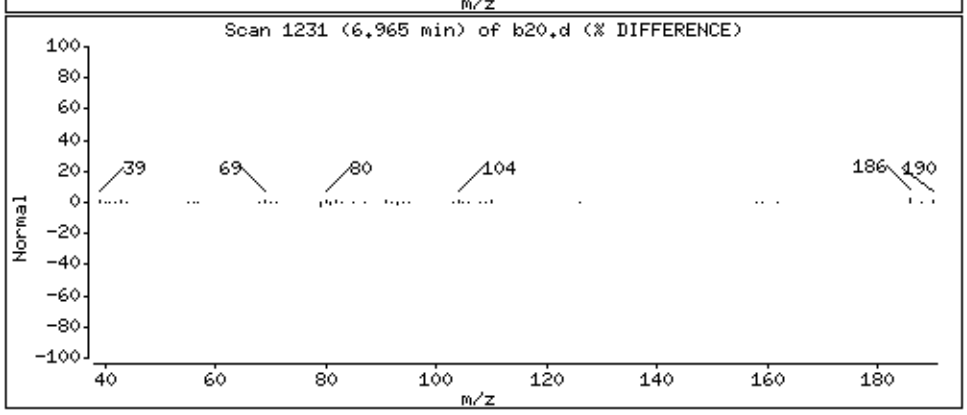
Concentration: 44.8 ppb

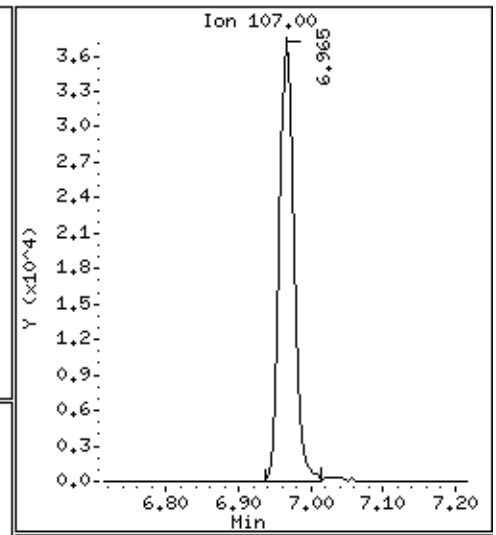
Review Code:

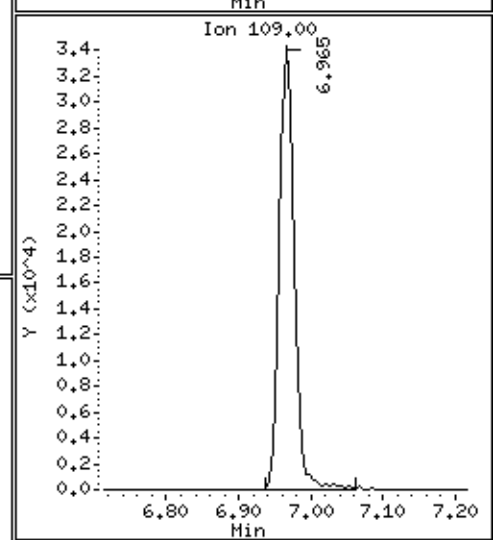












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

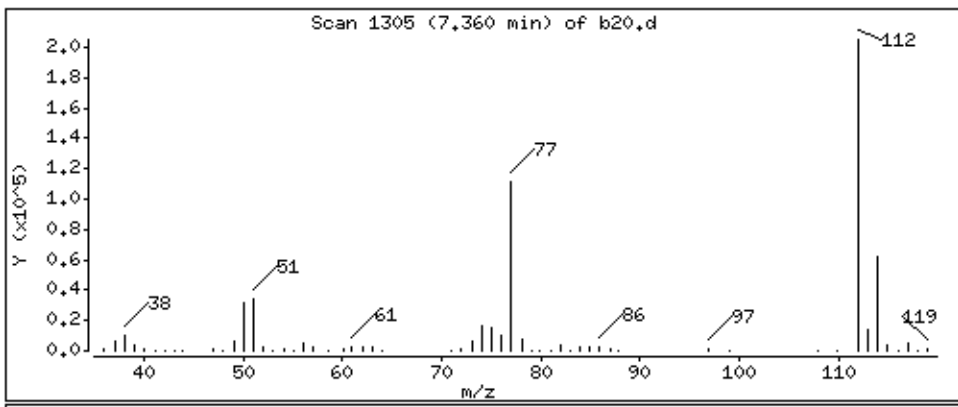
Column phase: DB-624

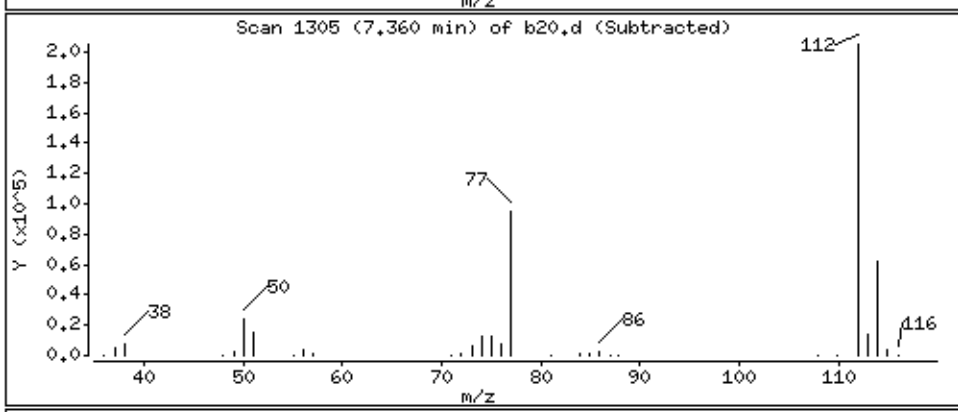
Column diameter: 0.18

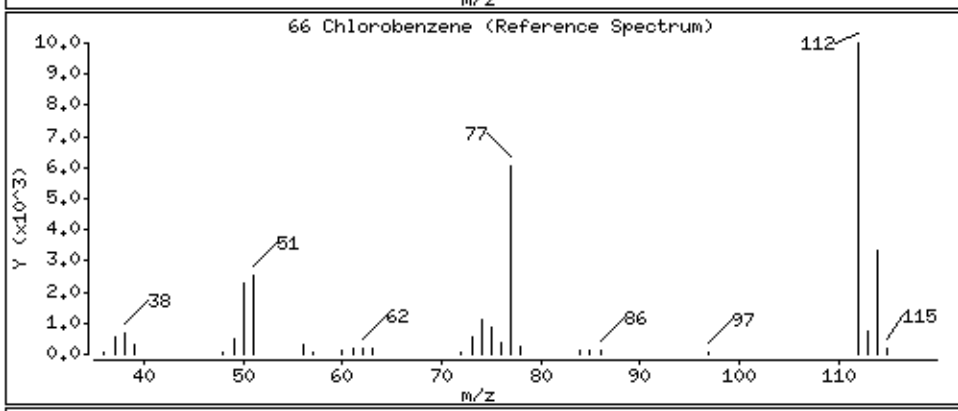
66 Chlorobenzene

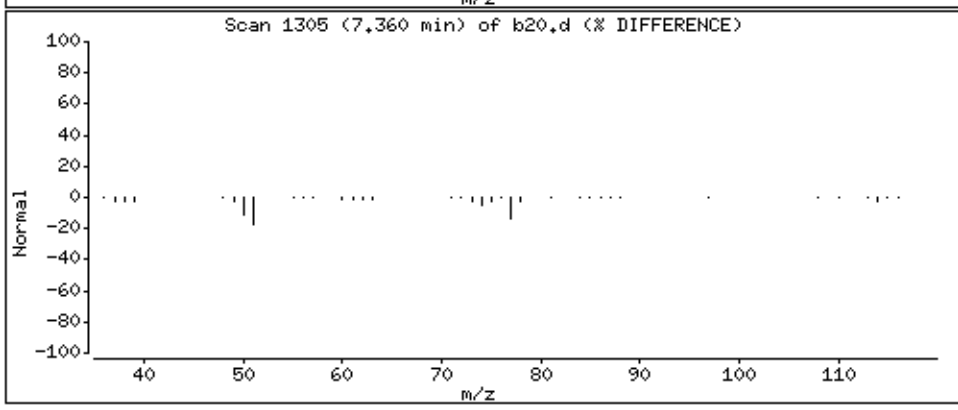
Concentration: 47.1 ppb

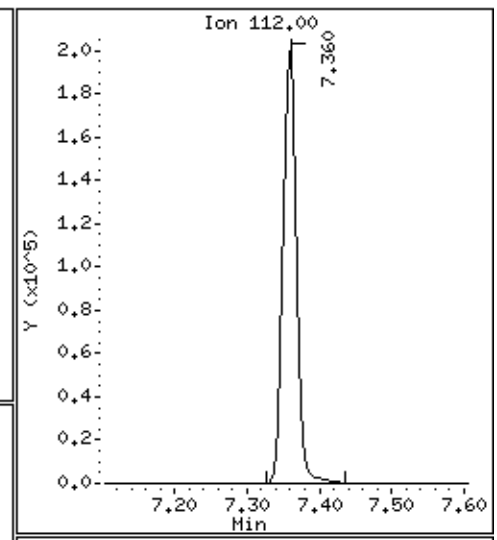
Review Code:

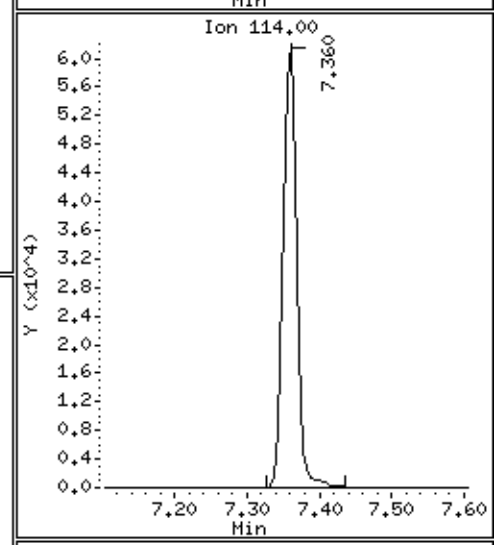


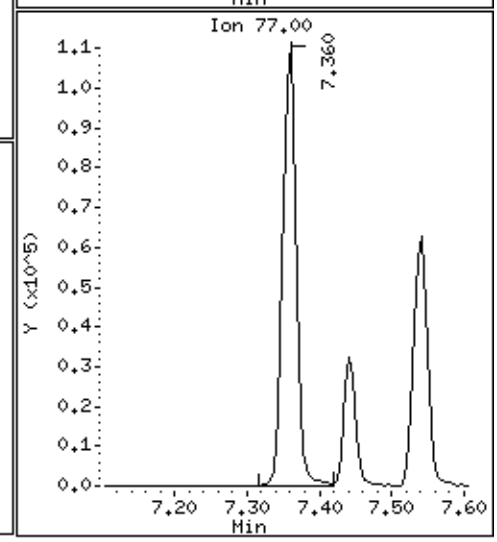












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

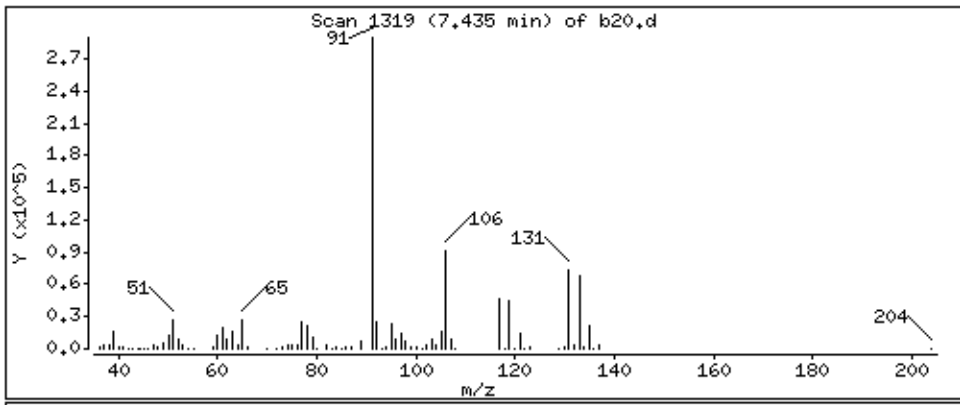
Column phase: DB-624

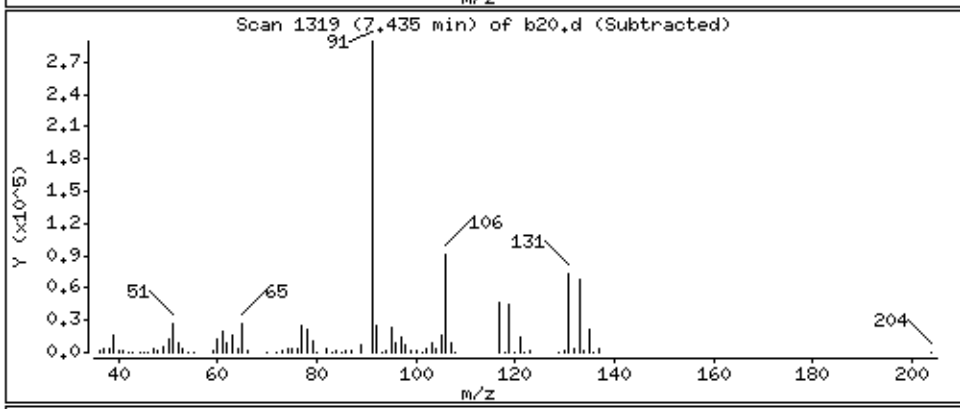
Column diameter: 0.18

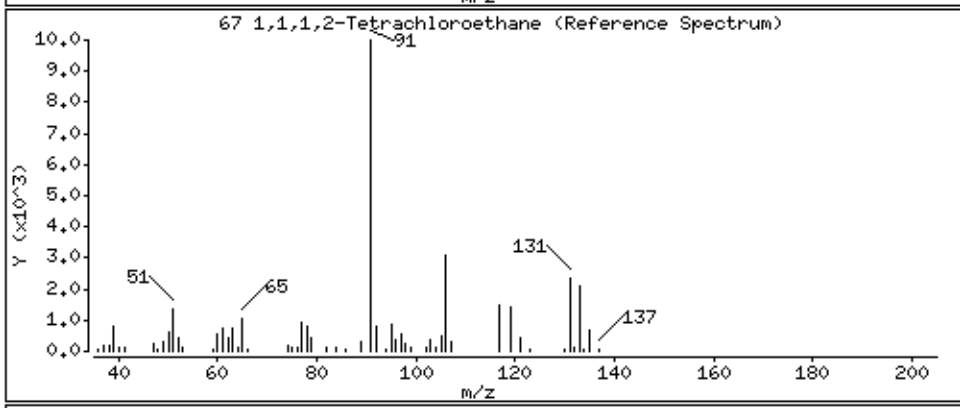
67 1,1,1,2-Tetrachloroethane

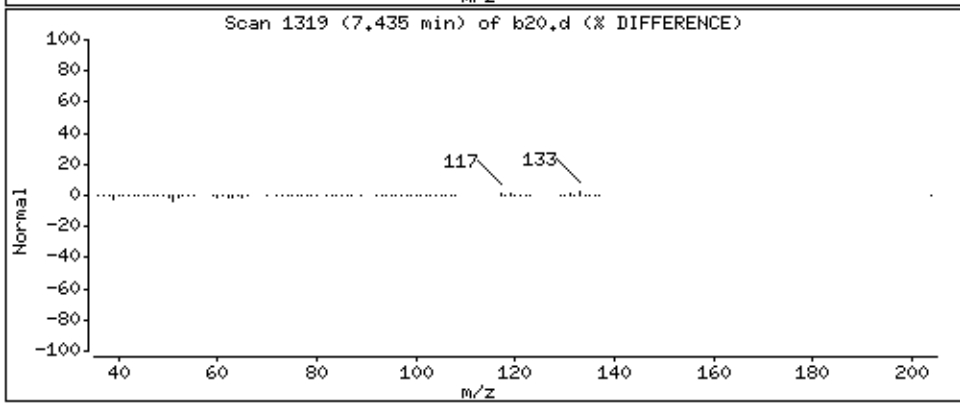
Concentration: 45.6 ppb

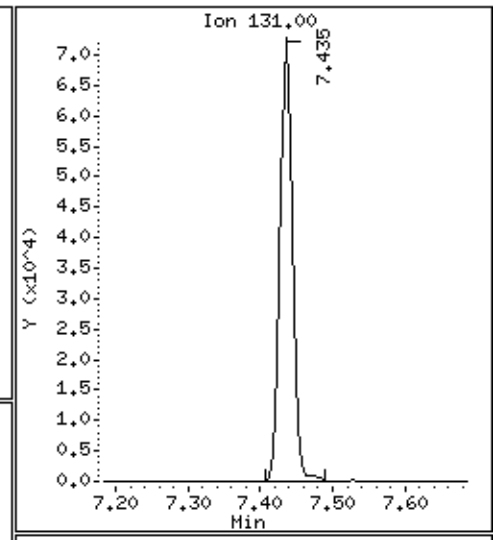
Review Code:

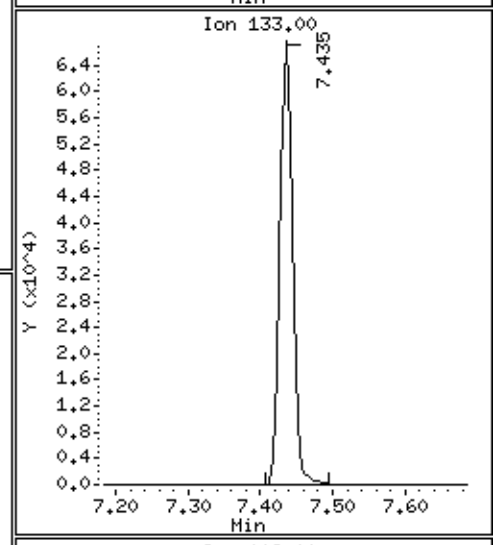


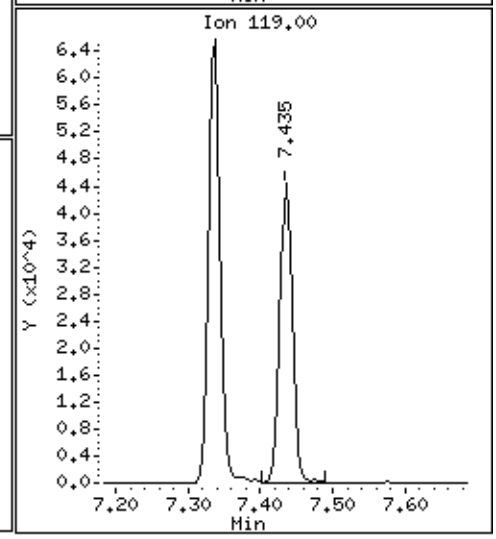












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

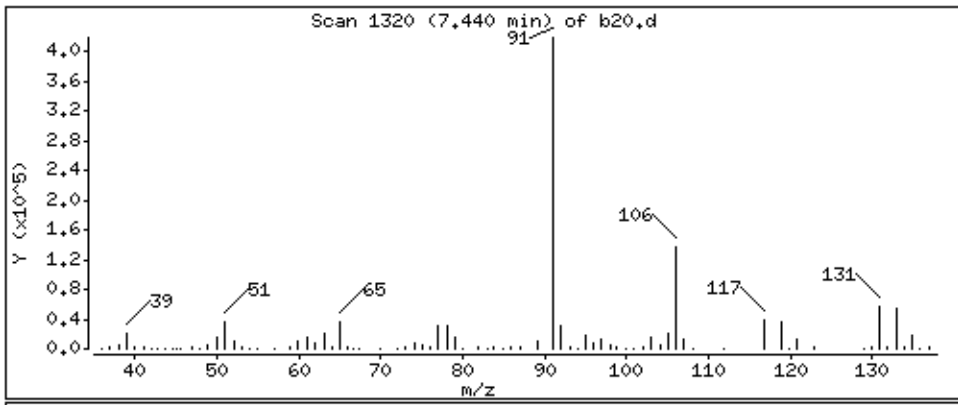
Column phase: DB-624

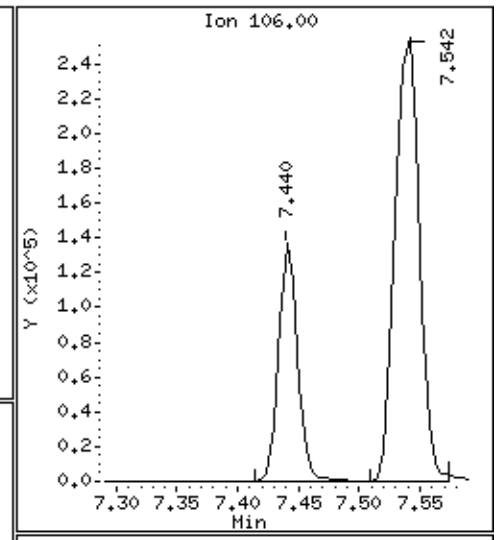
Column diameter: 0.18

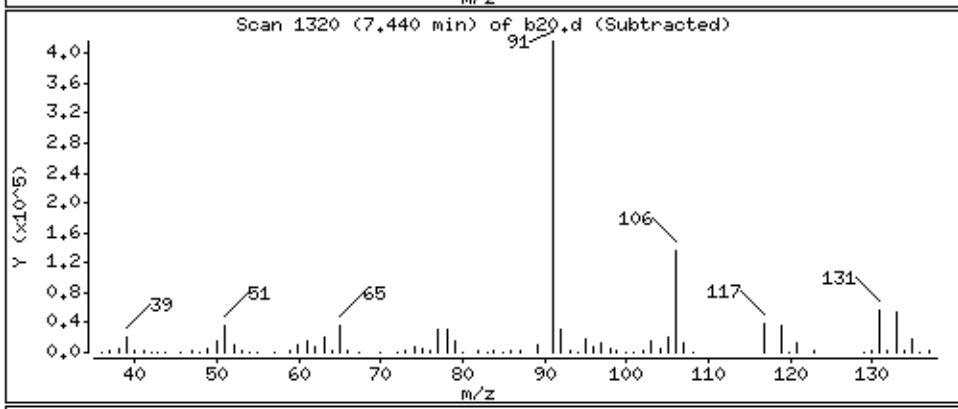
68 Ethylbenzene

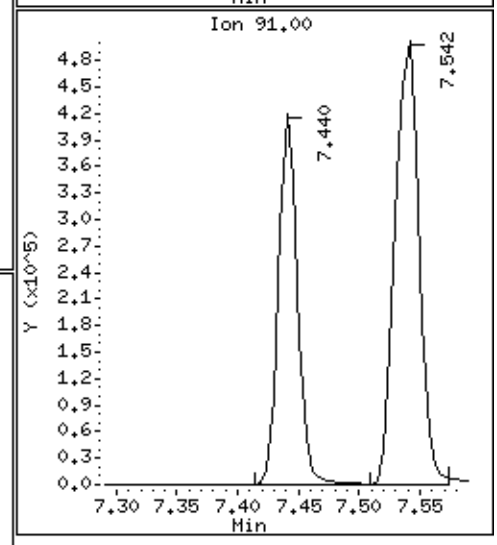
Concentration: 43.1 ppb

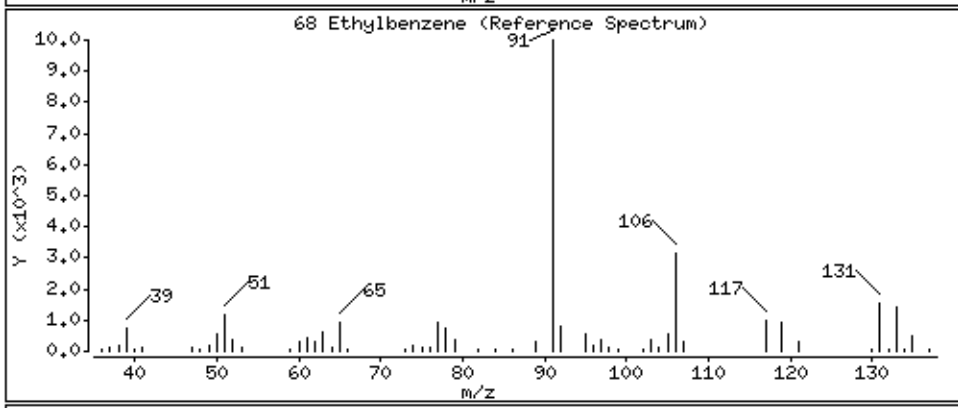
Review Code:

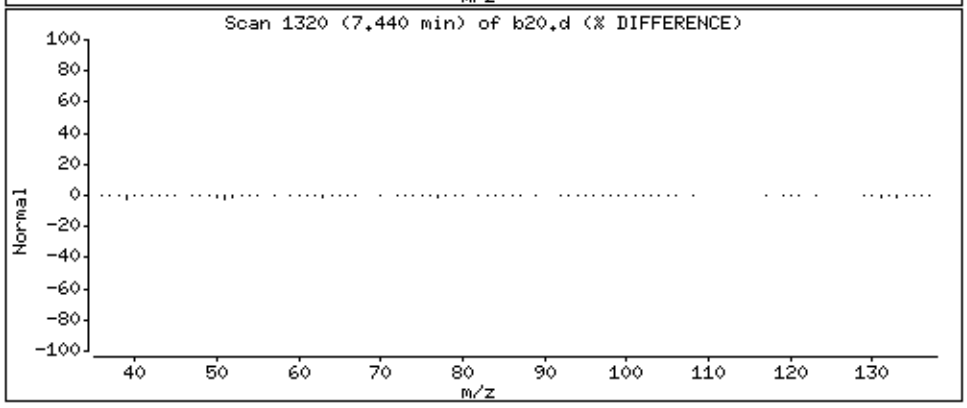












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

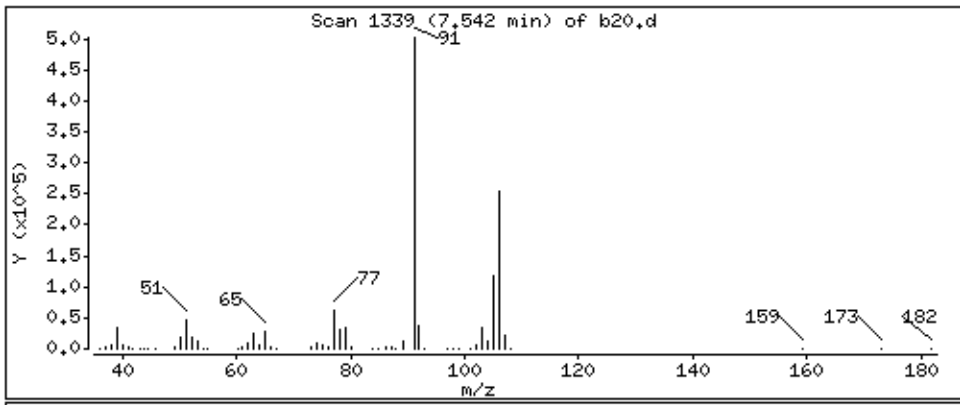
Column phase: DB-624

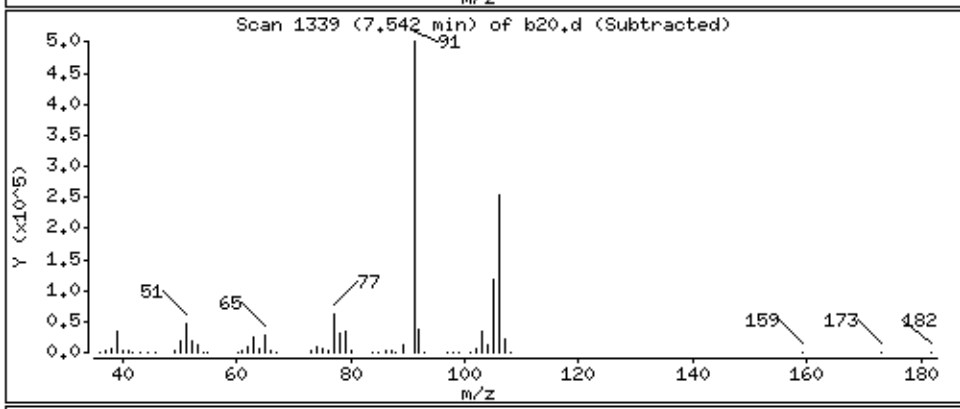
Column diameter: 0.18

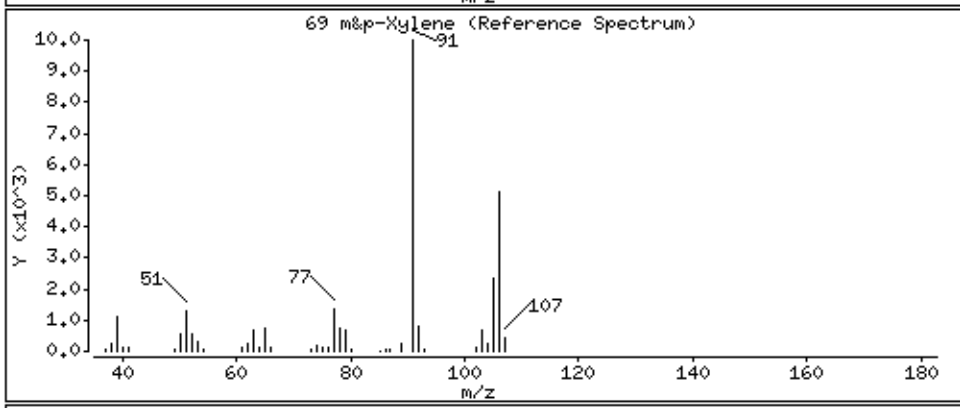
69 m&p-Xylene

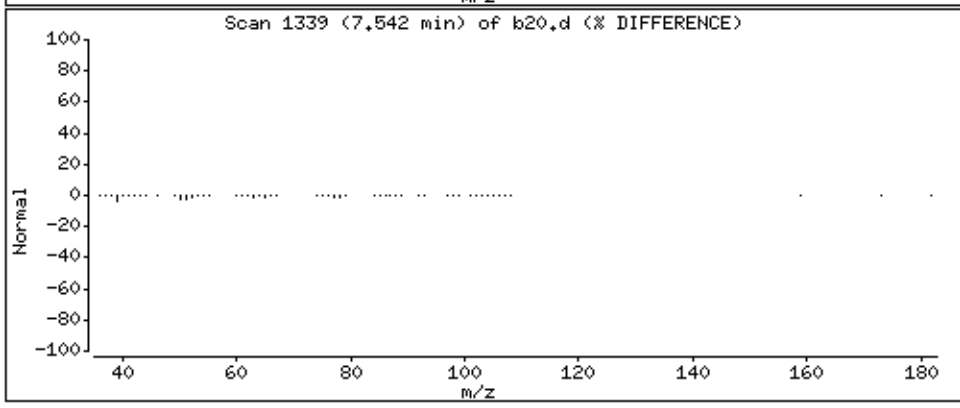
Concentration: 85.0 ppb

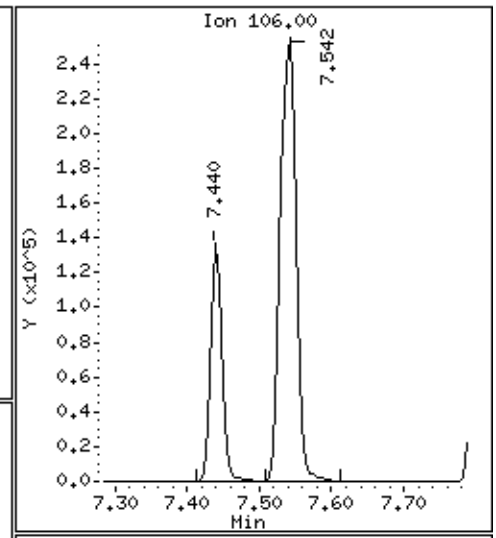
Review Code:

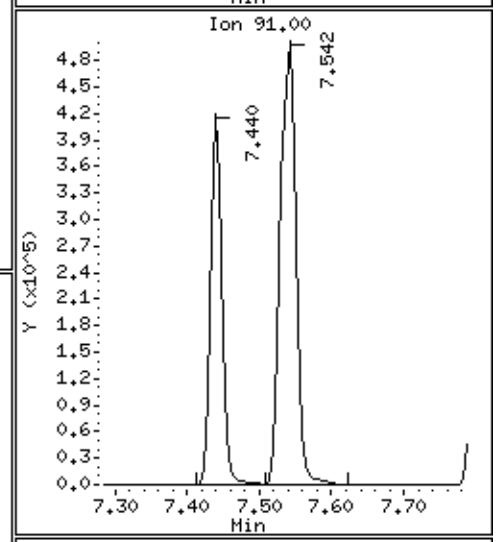


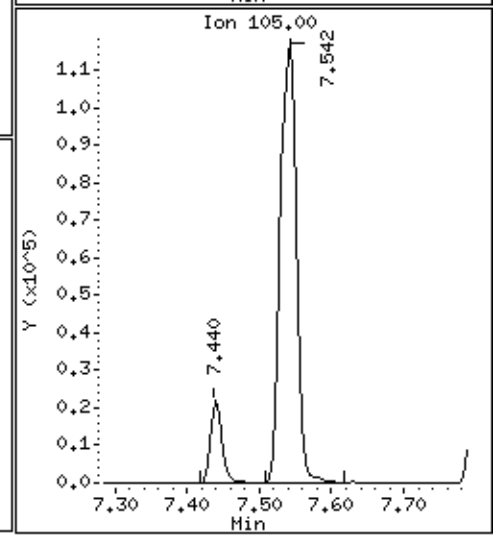












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

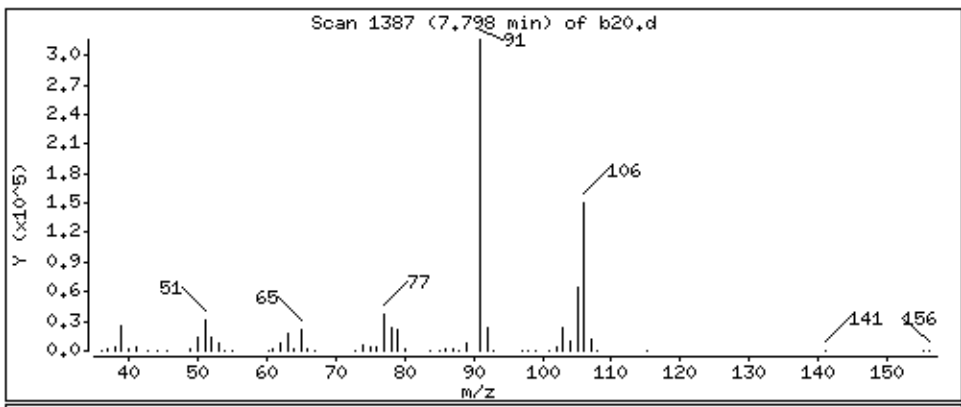
Column phase: DB-624

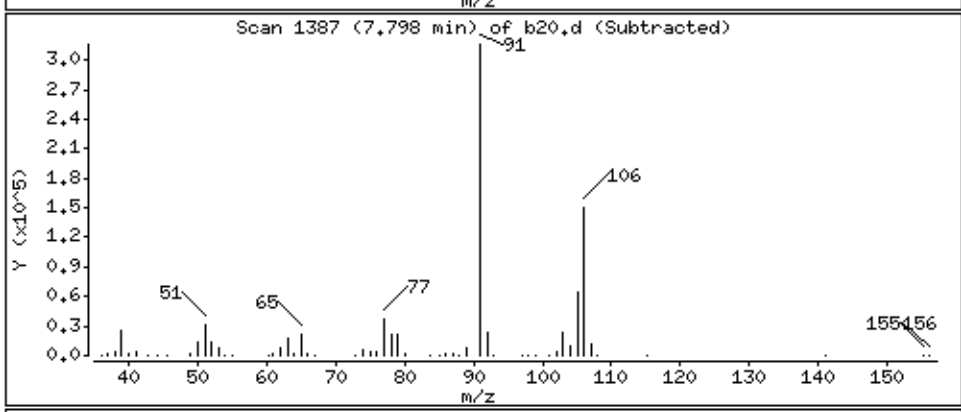
Column diameter: 0.18

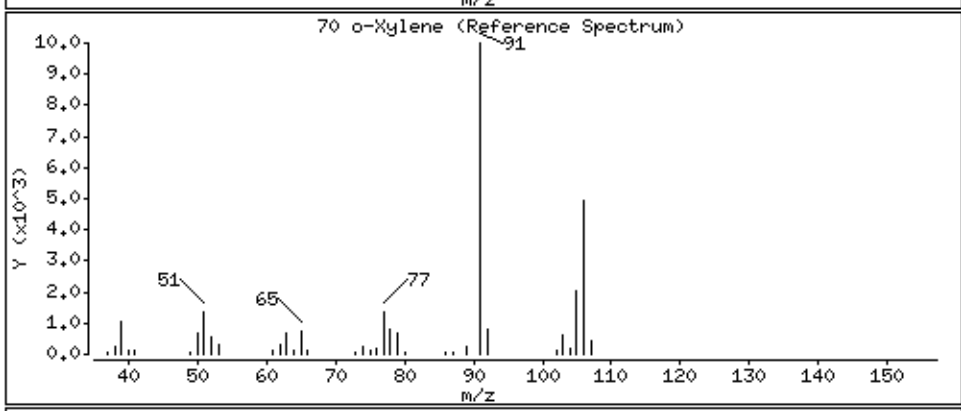
70 o-Xylene

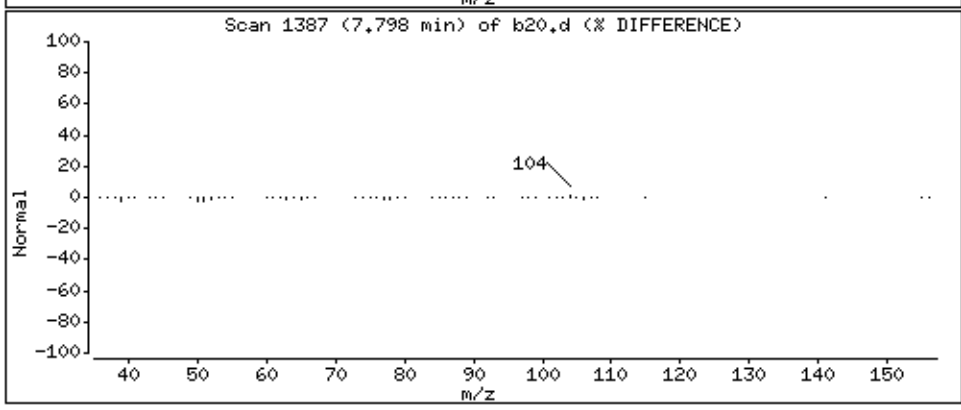
Concentration: 43.8 ppb

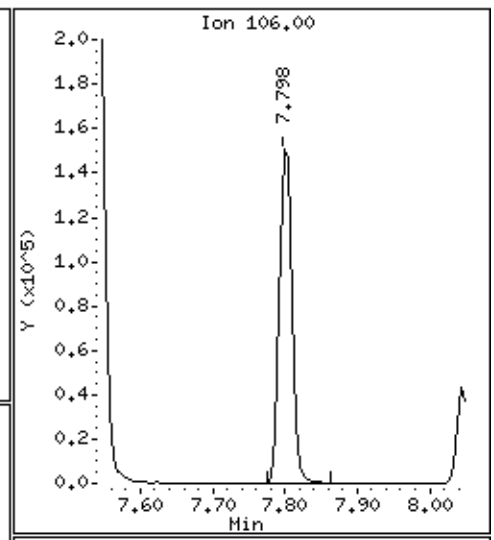
Review Code:

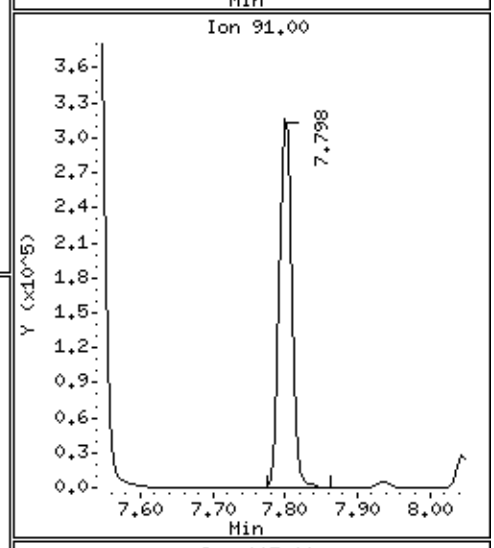


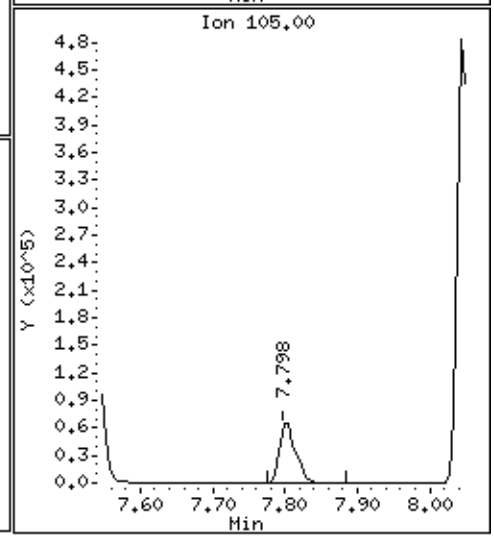












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

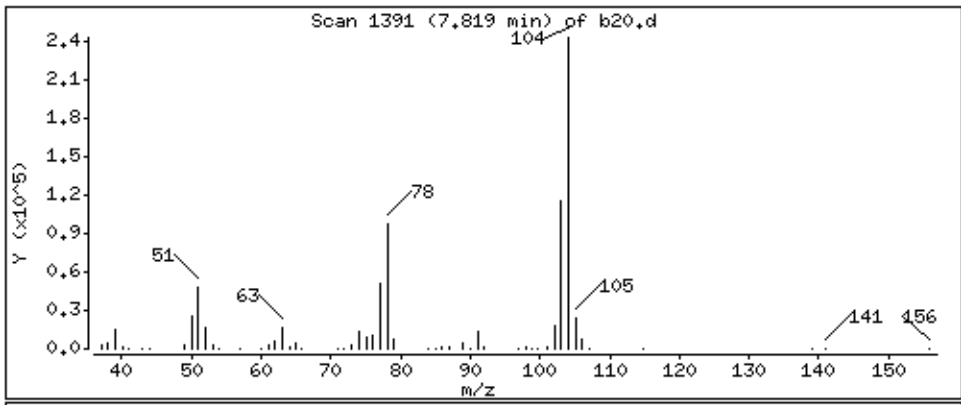
Column phase: DB-624

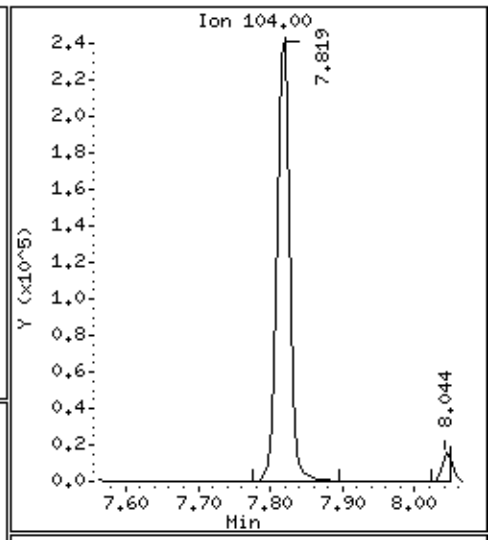
Column diameter: 0.18

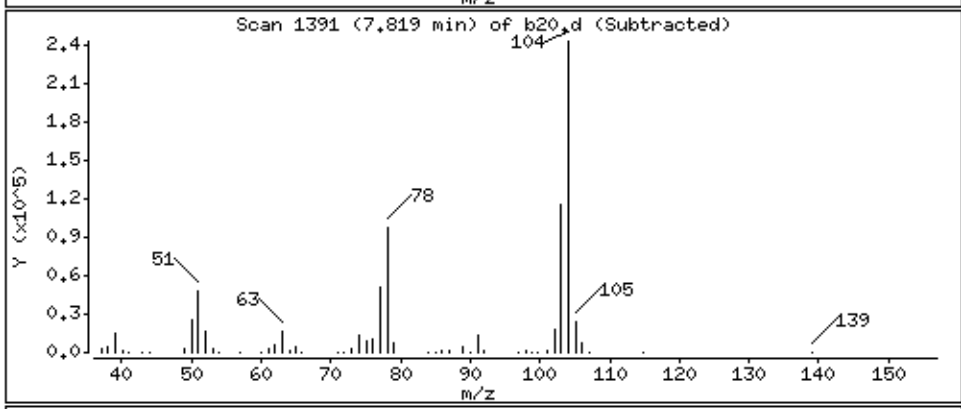
71 Styrene

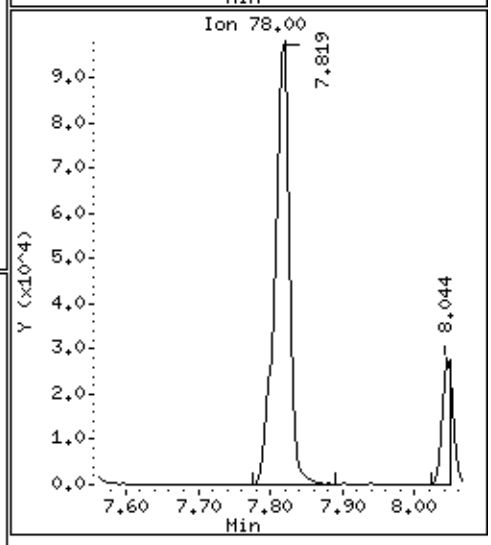
Concentration: 41.9 ppb

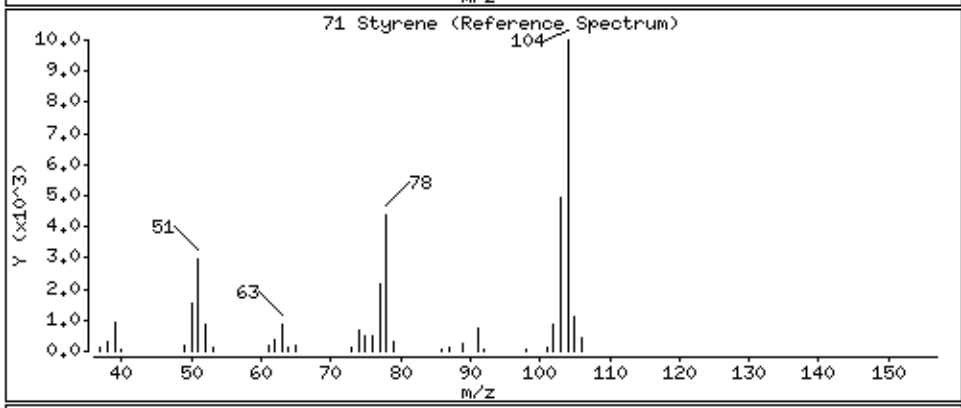
Review Code:

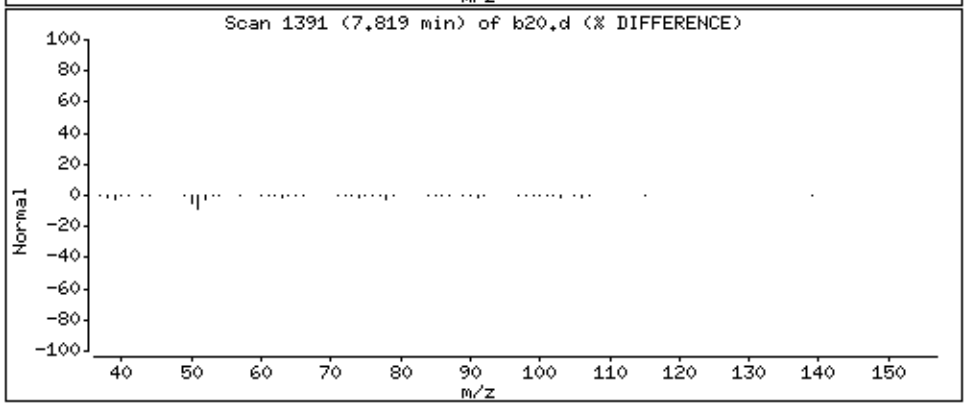












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

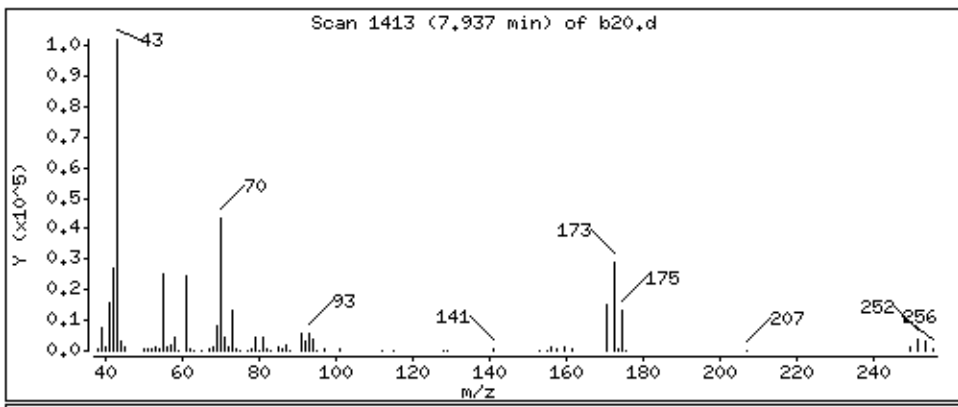
Column phase: DB-624

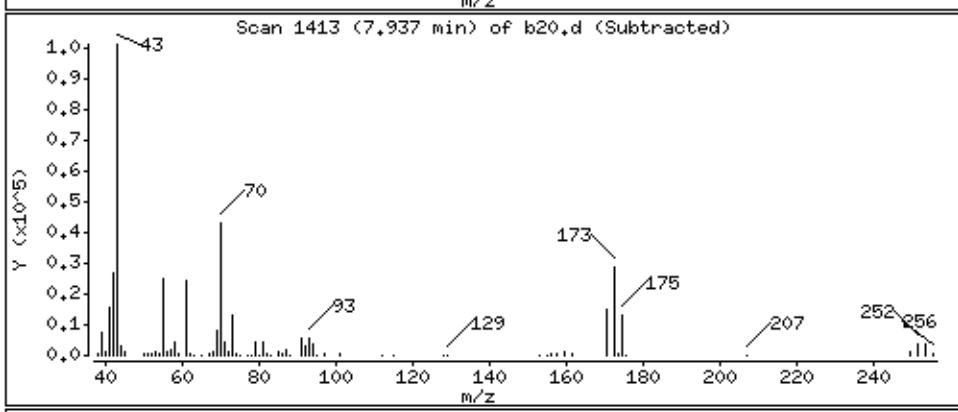
Column diameter: 0.18

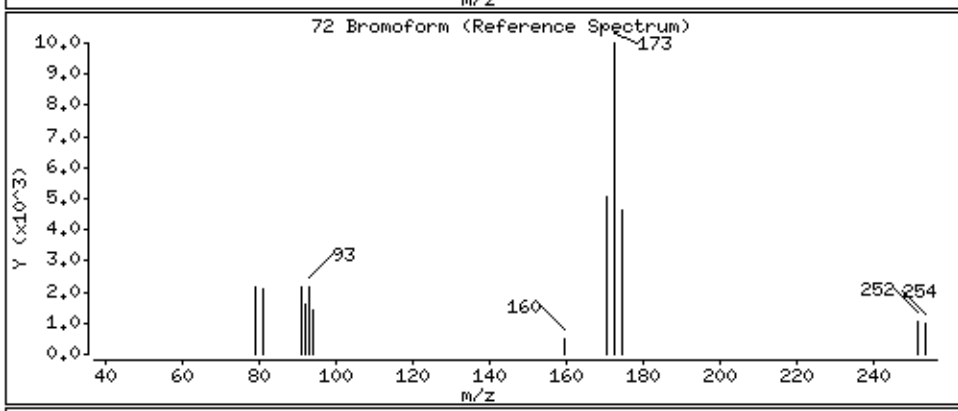
72 Bromoform

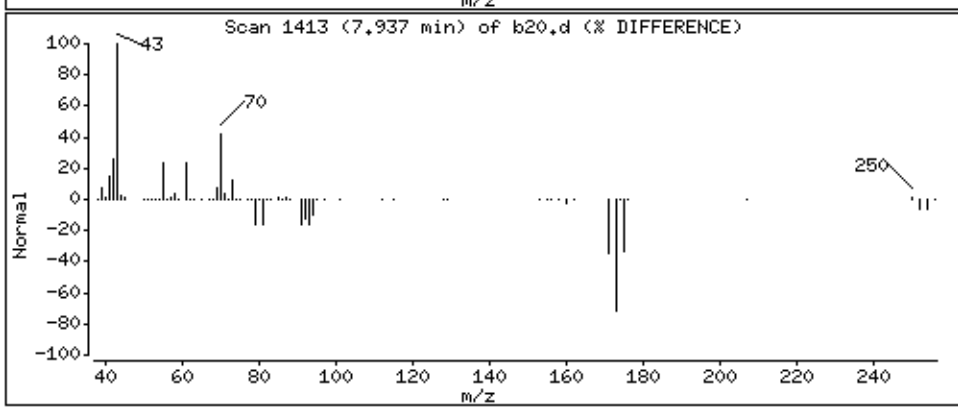
Concentration: 40.2 ppb

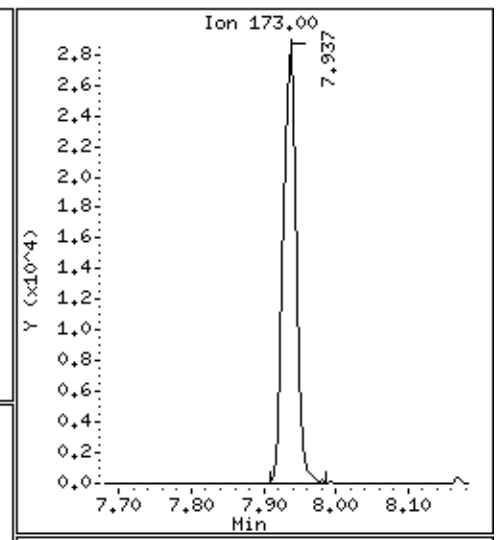
Review Code:

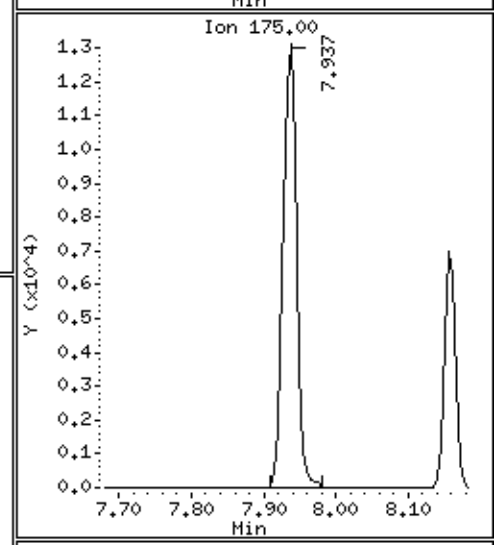


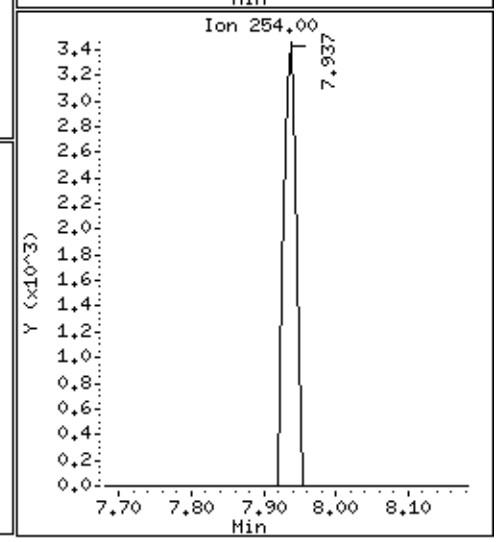












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

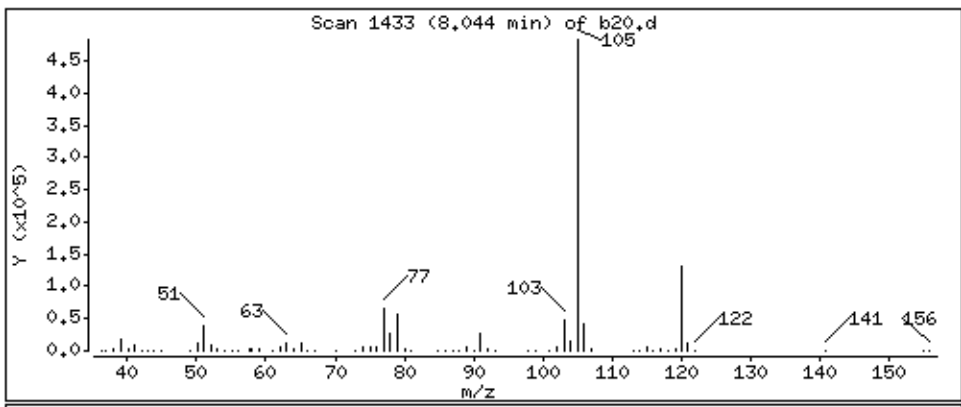
Column phase: DB-624

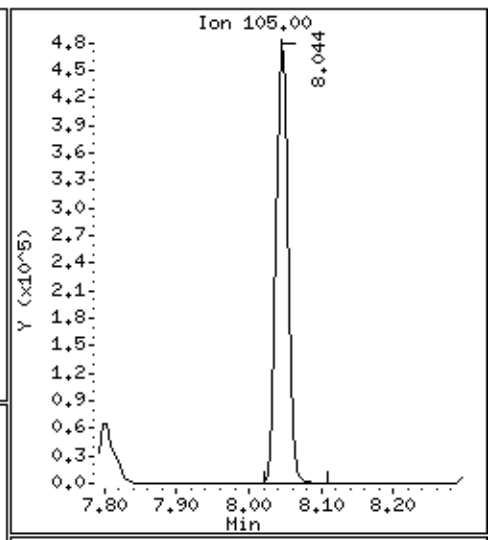
Column diameter: 0.18

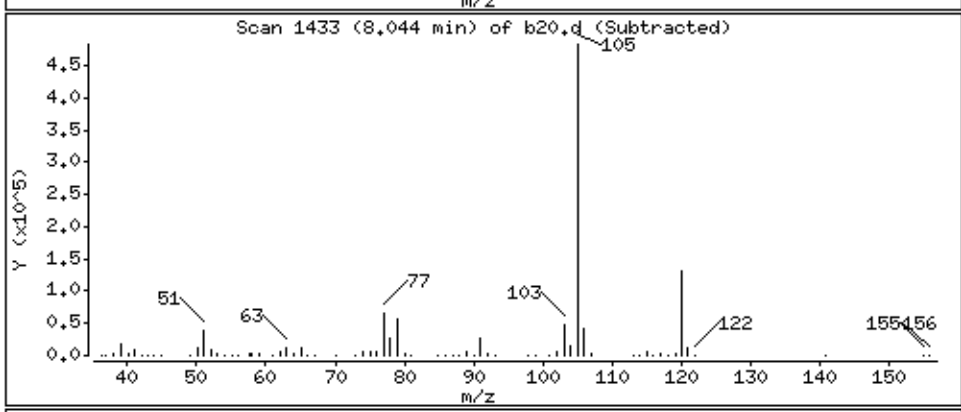
73 Isopropylbenzene

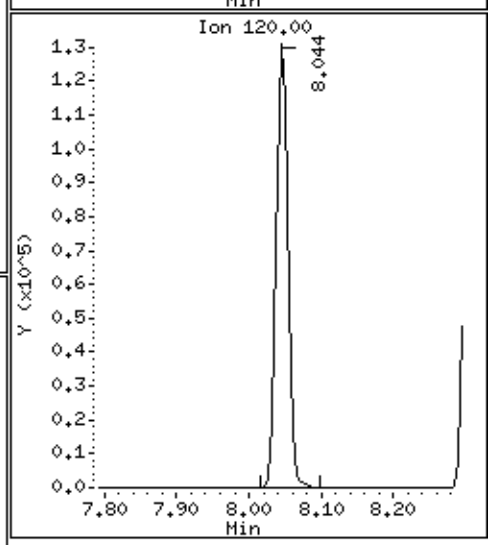
Concentration: 45.7 ppb

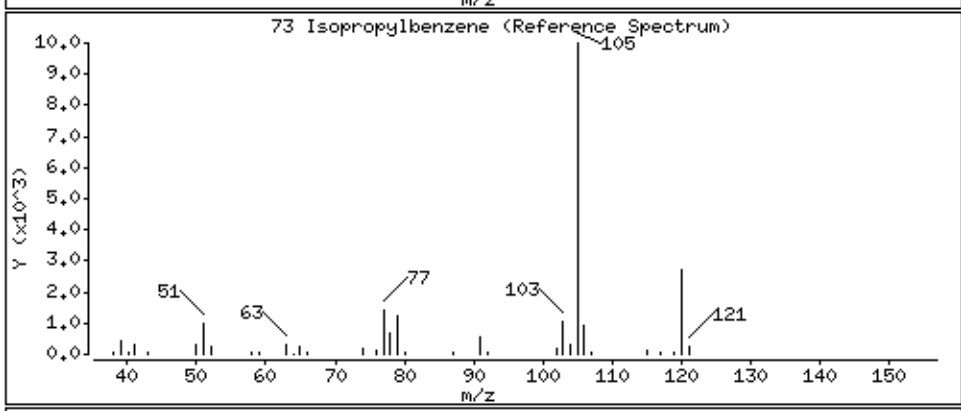
Review Code:

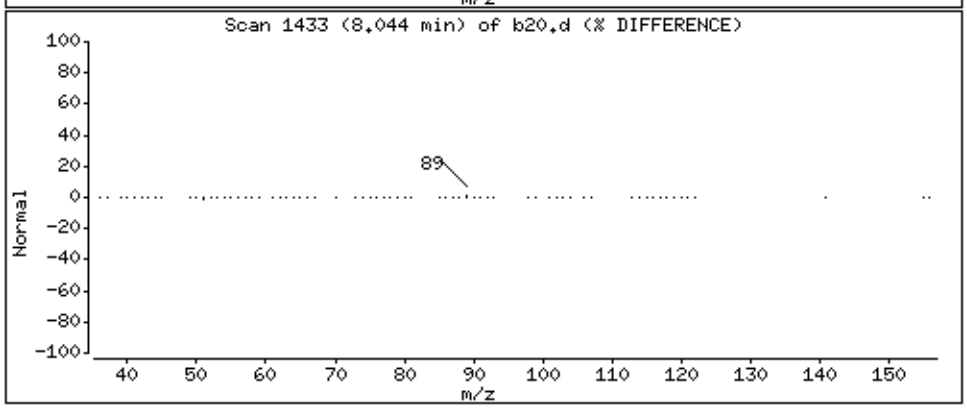












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

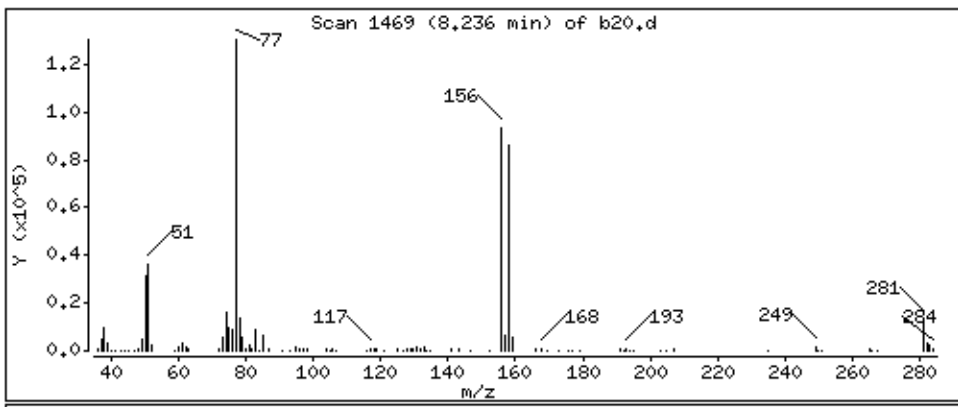
Column phase: DB-624

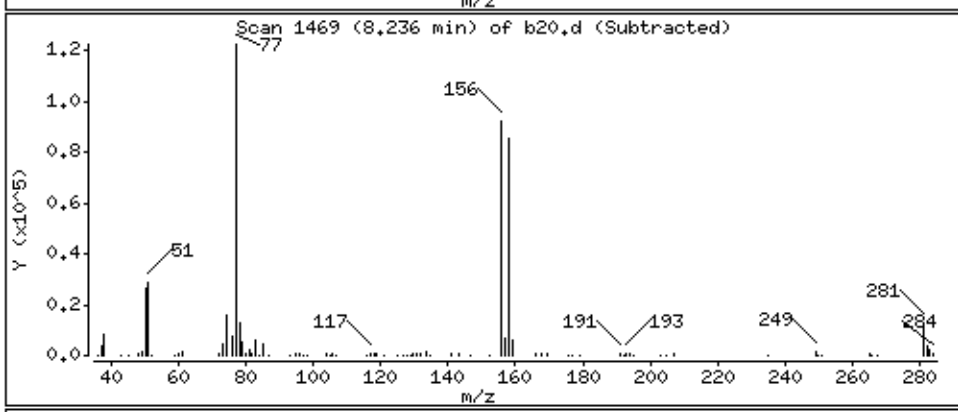
Column diameter: 0.18

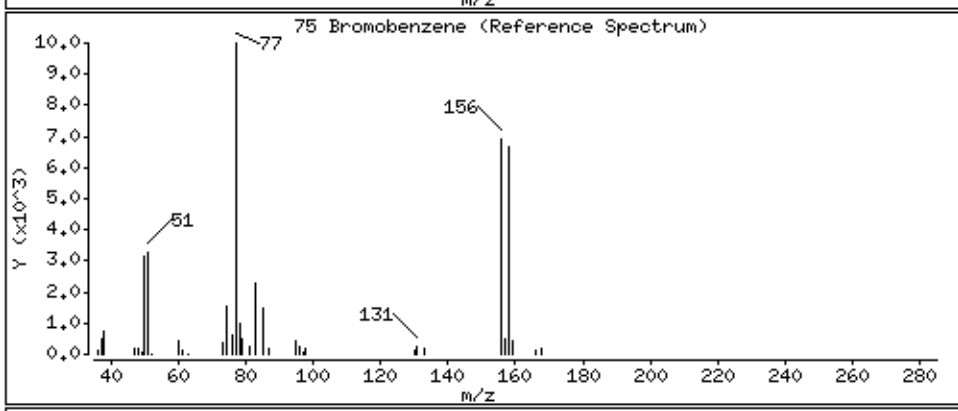
75 Bromobenzene

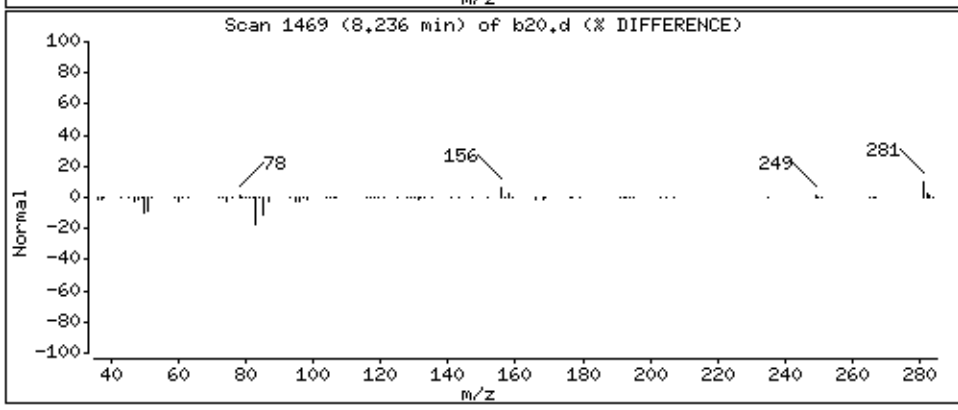
Concentration: 42.0 ppb

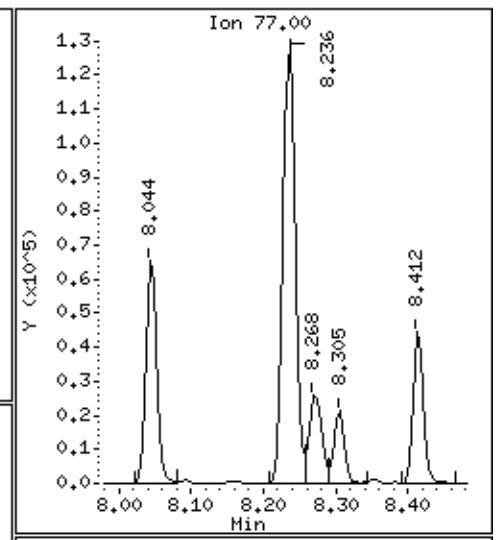
Review Code:

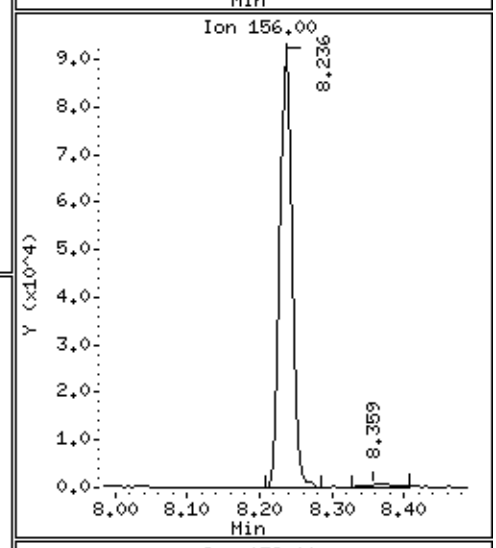


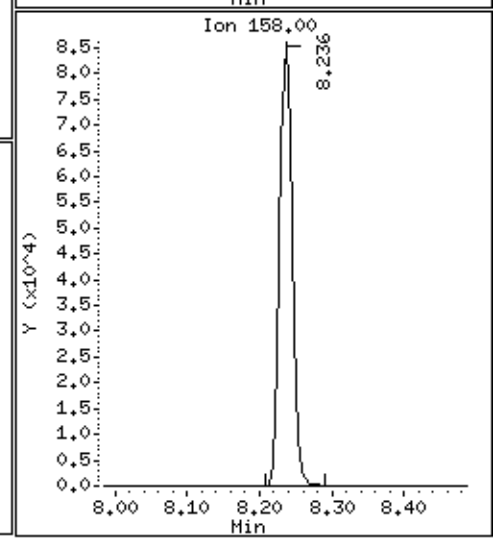












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

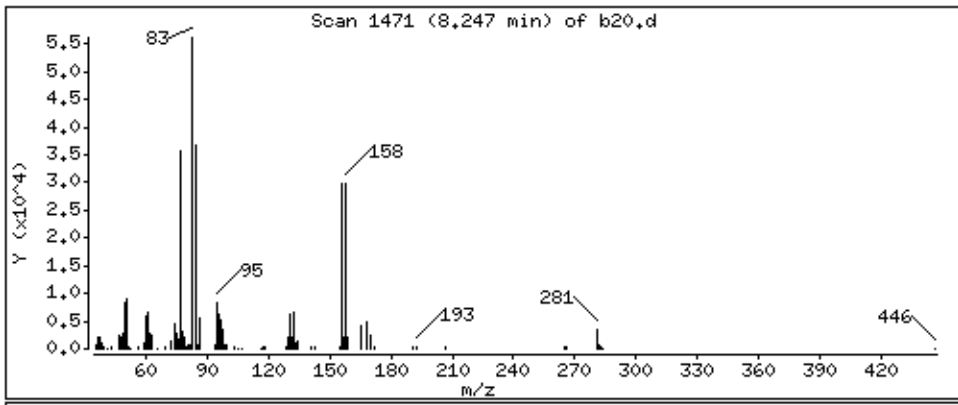
Column phase: DB-624

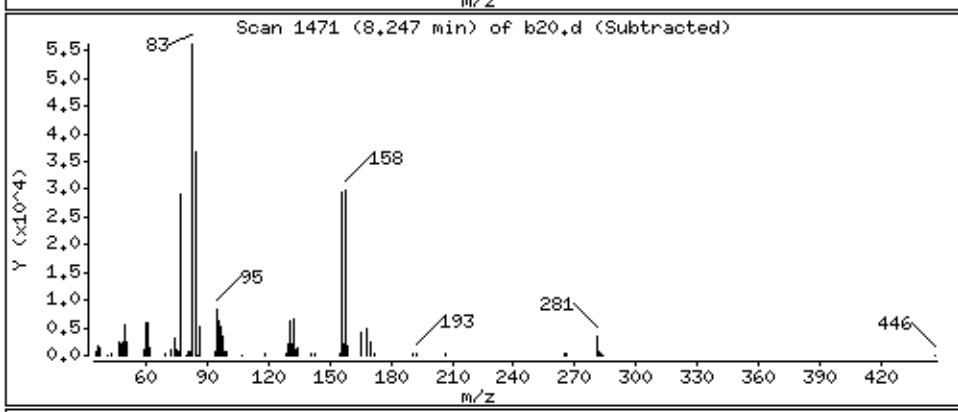
Column diameter: 0.18

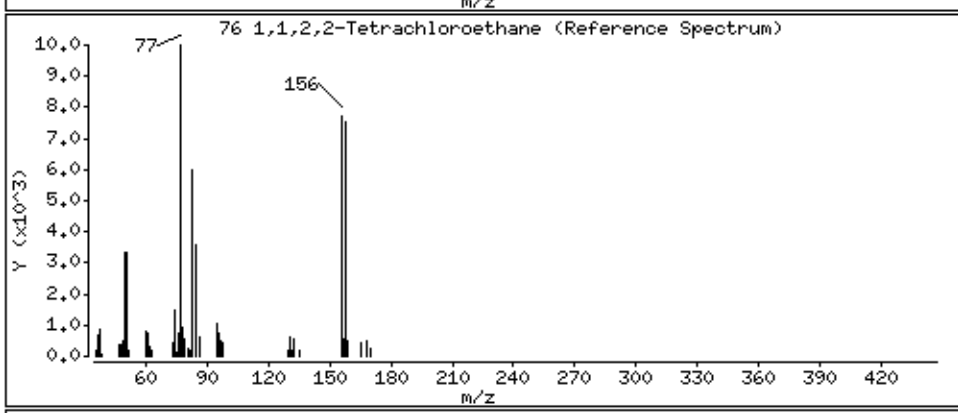
76 1,1,2,2-Tetrachloroethane

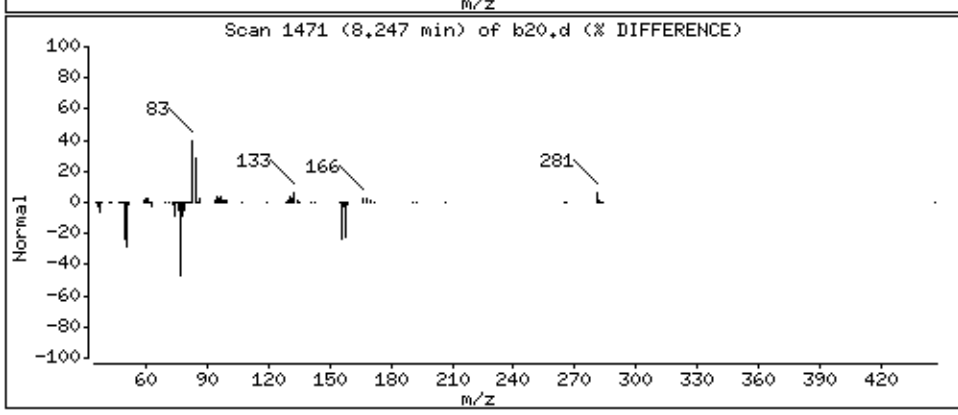
Concentration: 41.3 ppb

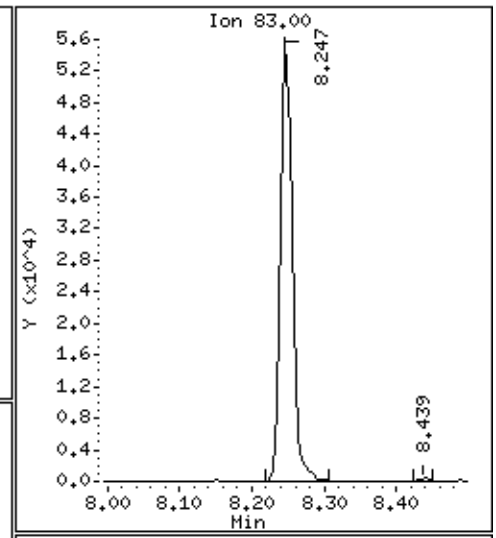
Review Code:

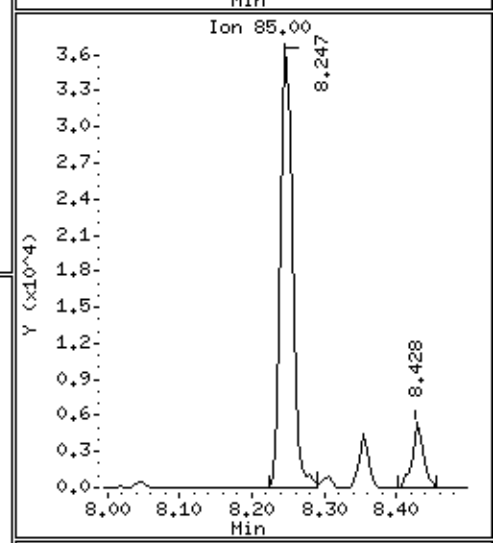


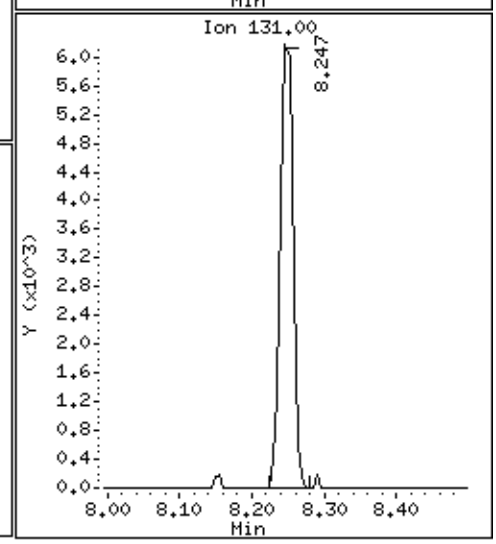












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

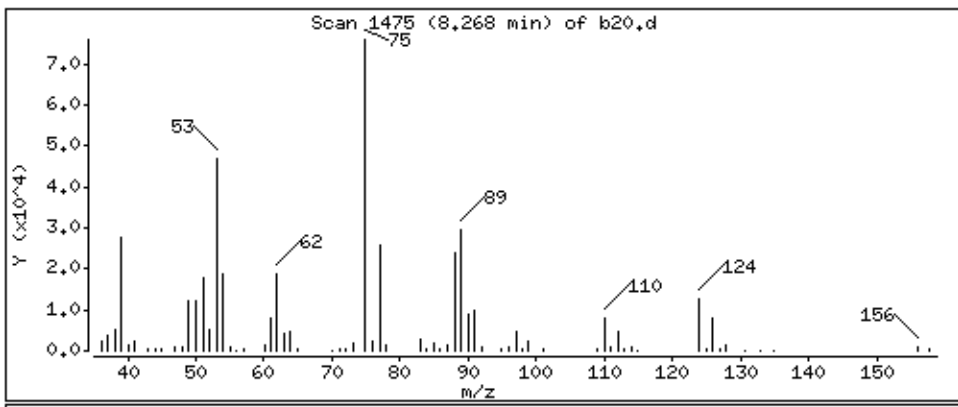
Column phase: DB-624

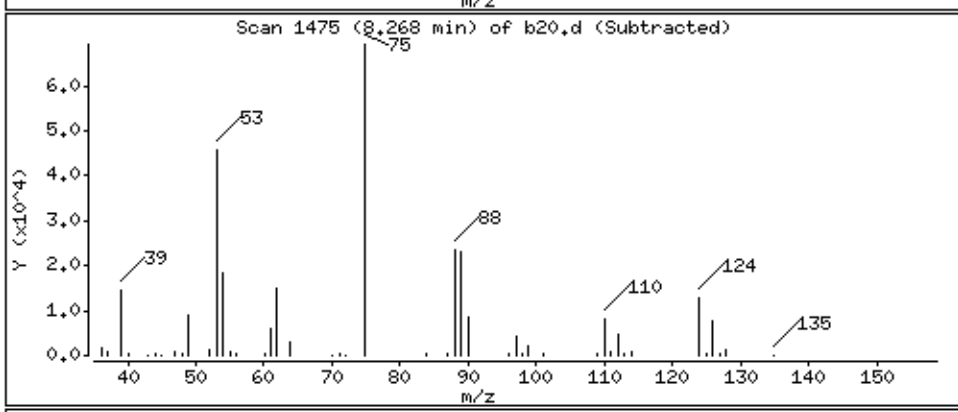
Column diameter: 0.18

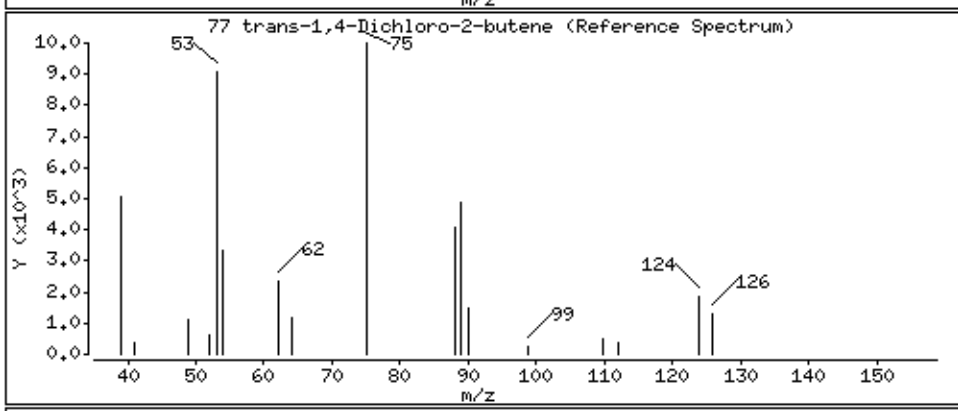
77 trans-1,4-Dichloro-2-butene

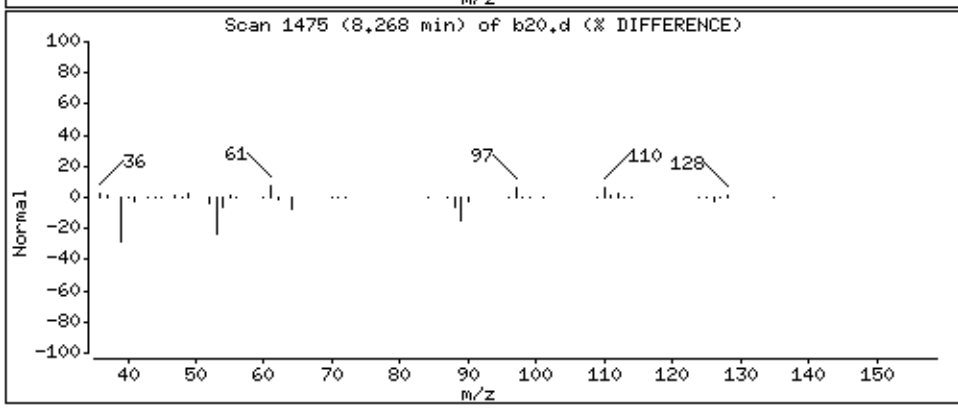
Concentration: 140 ppb

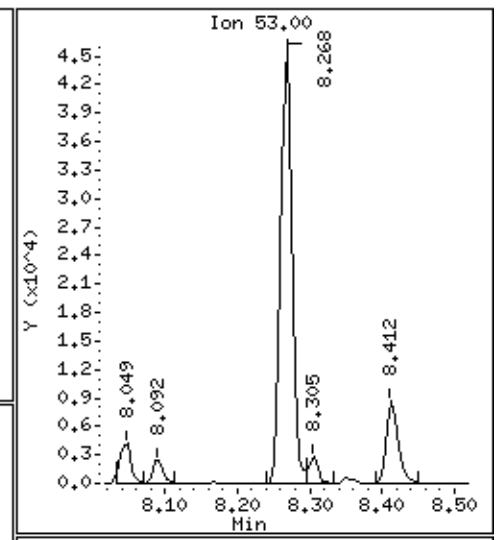
Review Code:

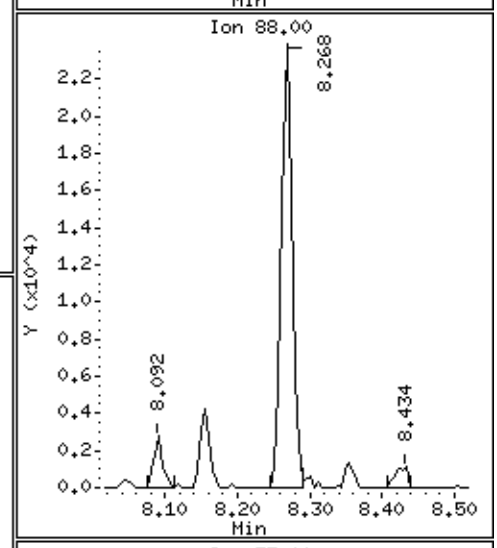


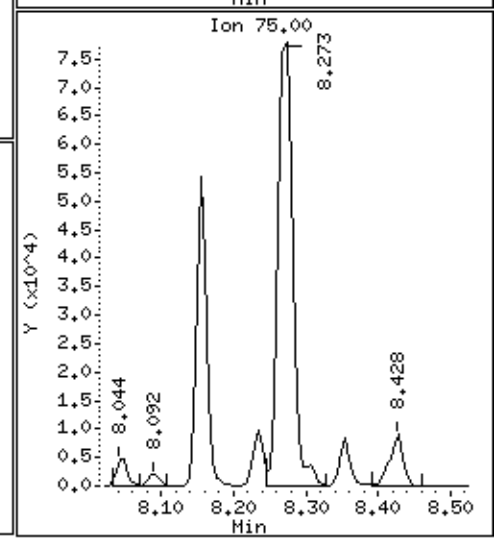












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

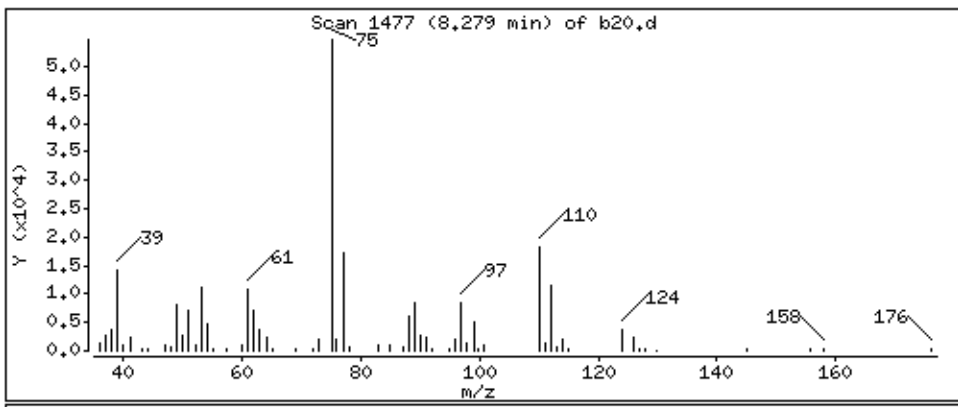
Column phase: DB-624

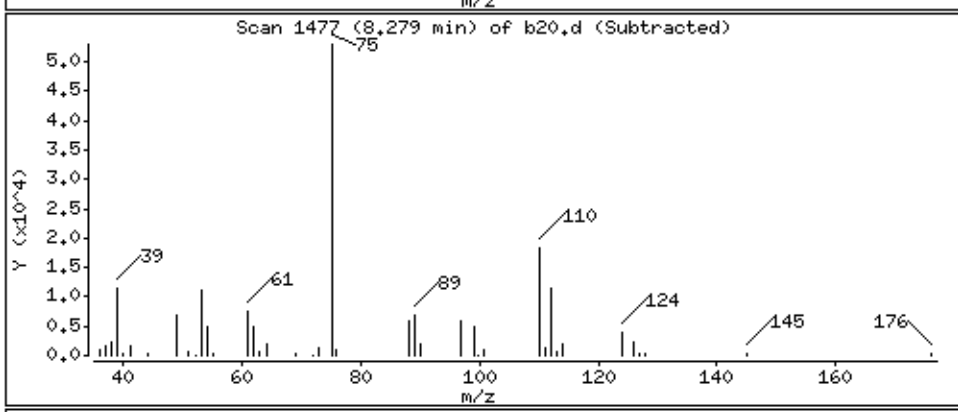
Column diameter: 0.18

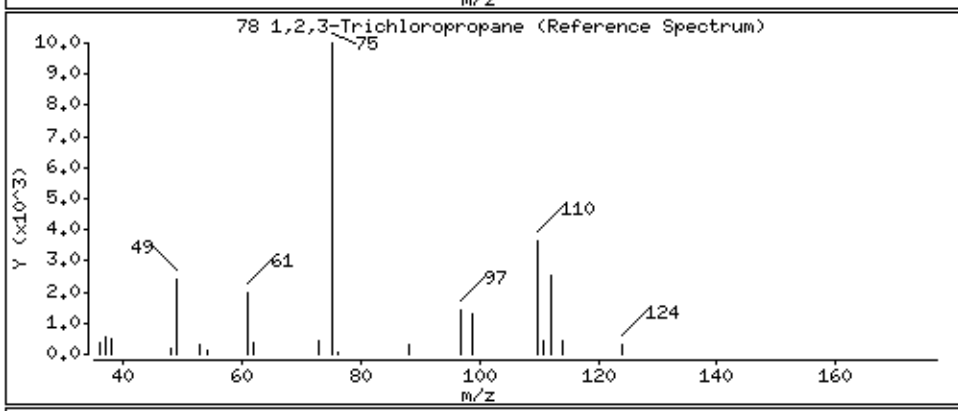
78 1,2,3-Trichloropropane

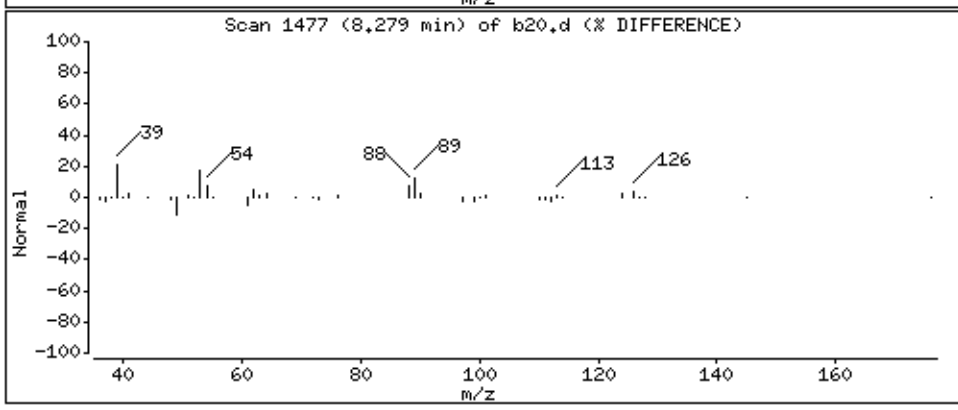
Concentration: 47.3 ppb

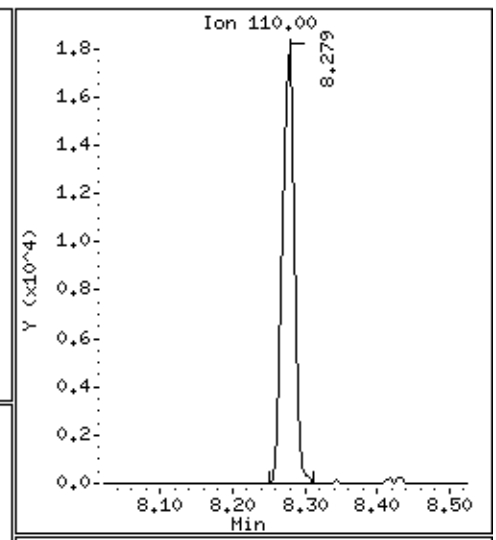
Review Code:

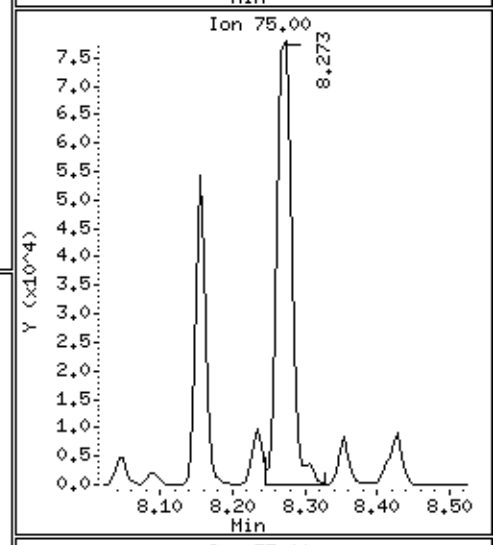


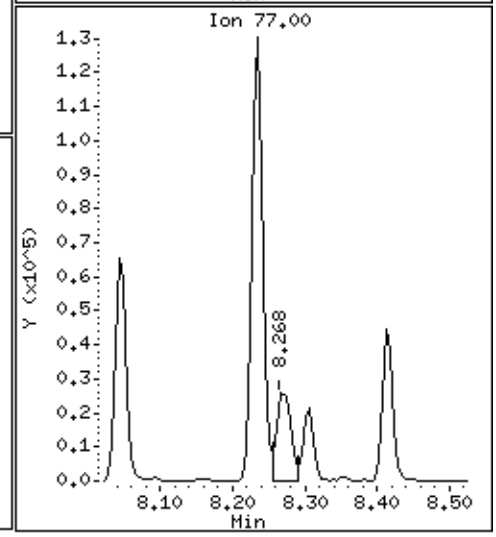












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

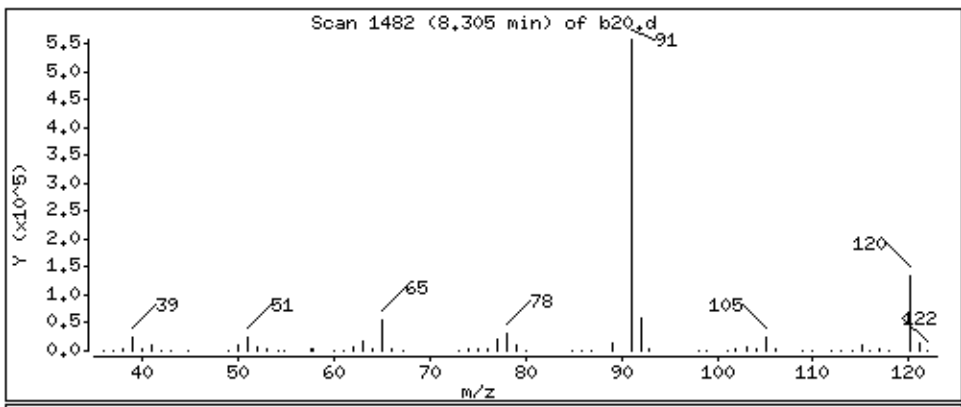
Column phase: DB-624

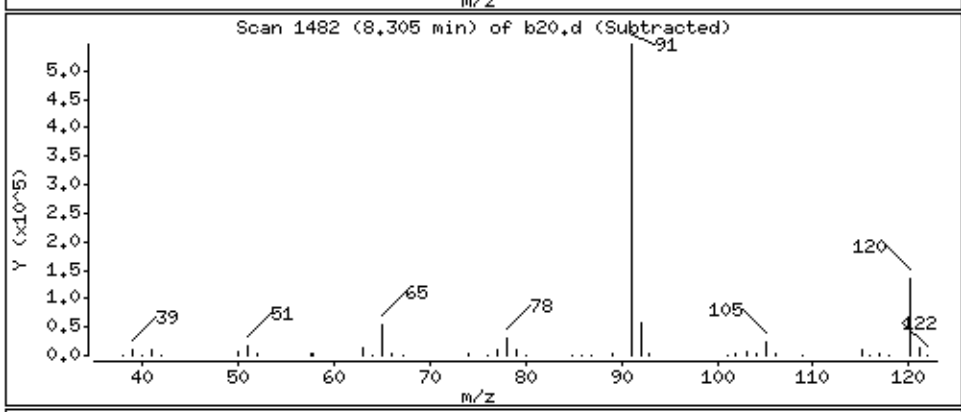
Column diameter: 0.18

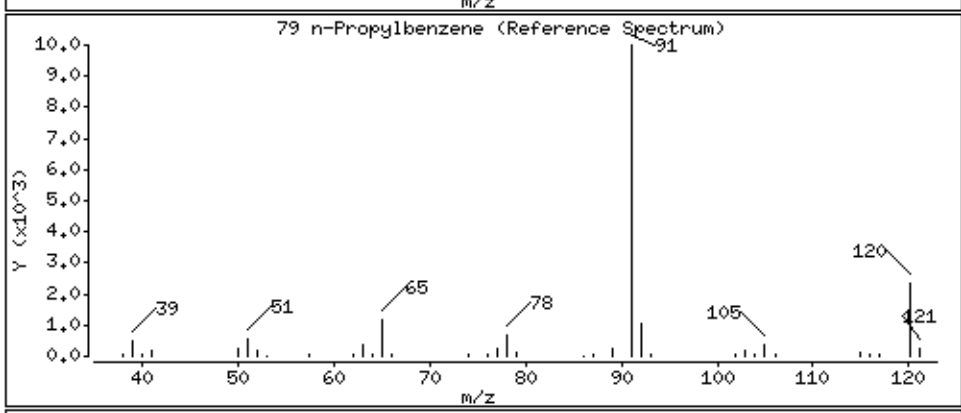
79 n-Propylbenzene

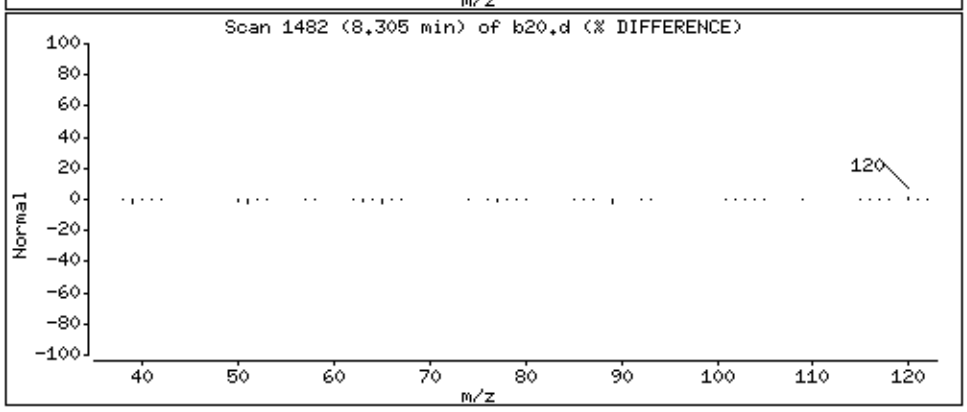
Concentration: 41.5 ppb

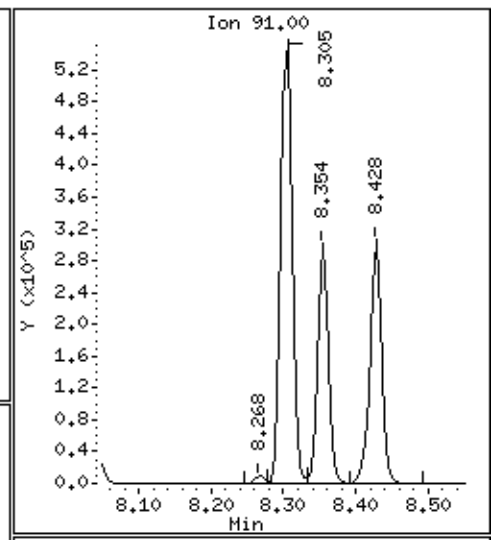
Review Code:

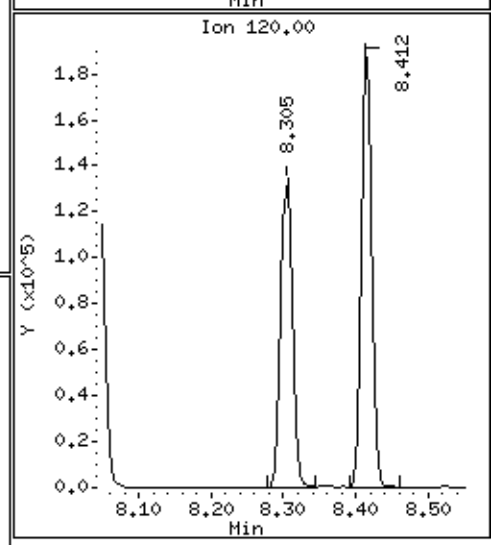












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

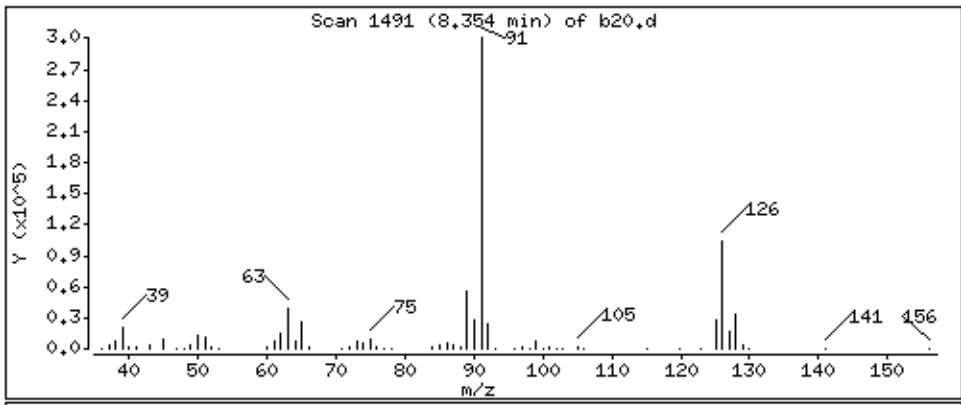
Column phase: DB-624

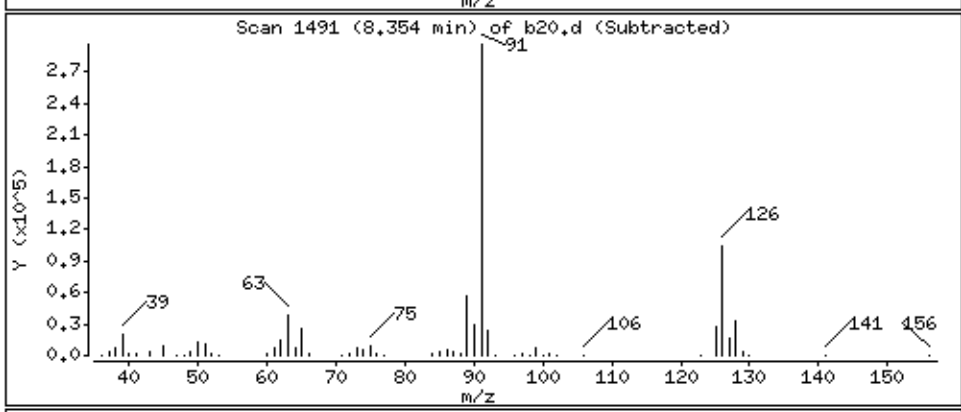
Column diameter: 0.18

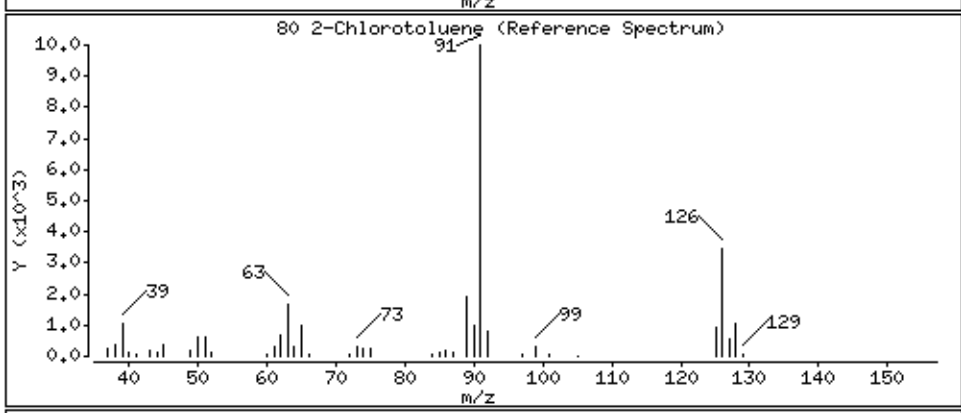
80 2-Chlorotoluene

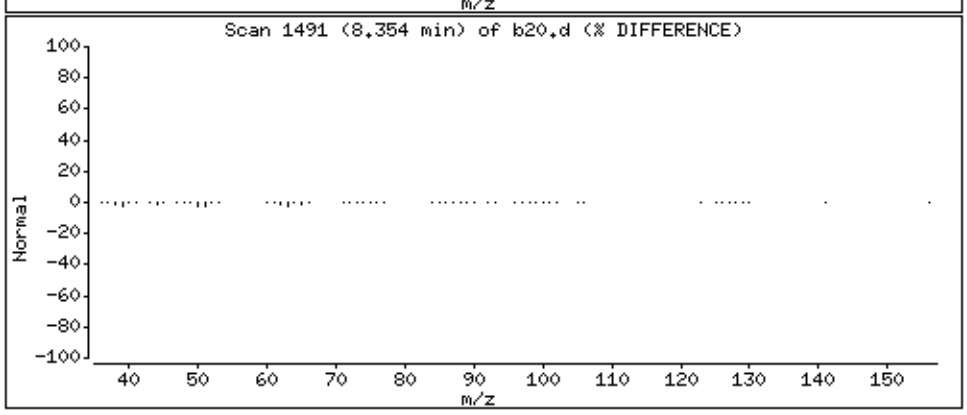
Concentration: 40.9 ppb

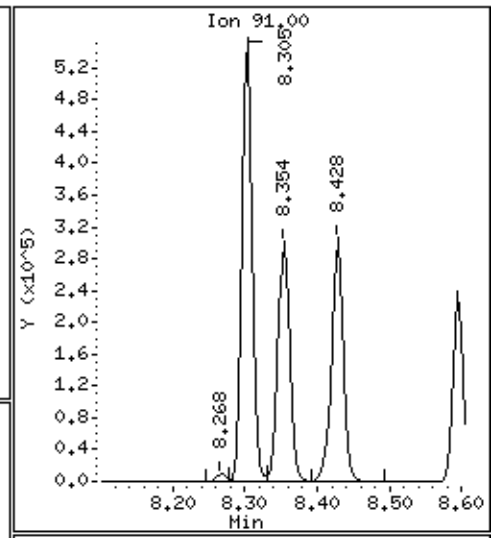
Review Code:

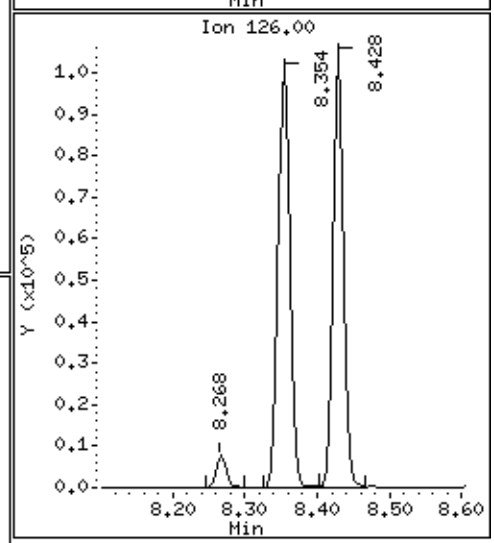












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

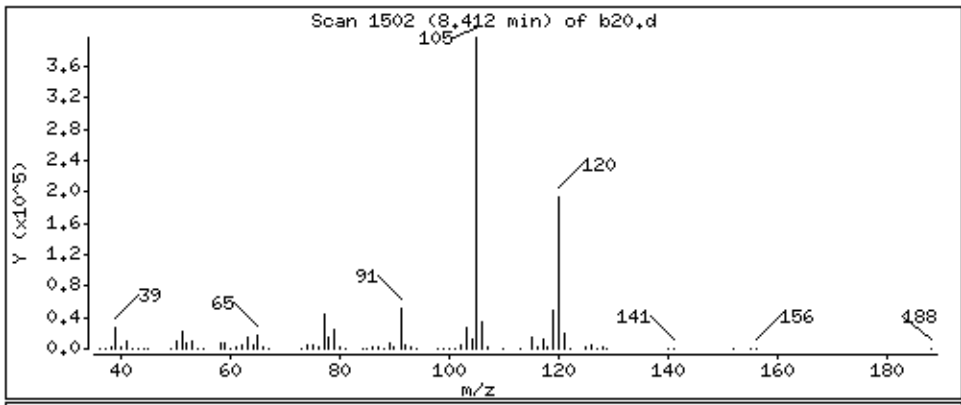
Column phase: DB-624

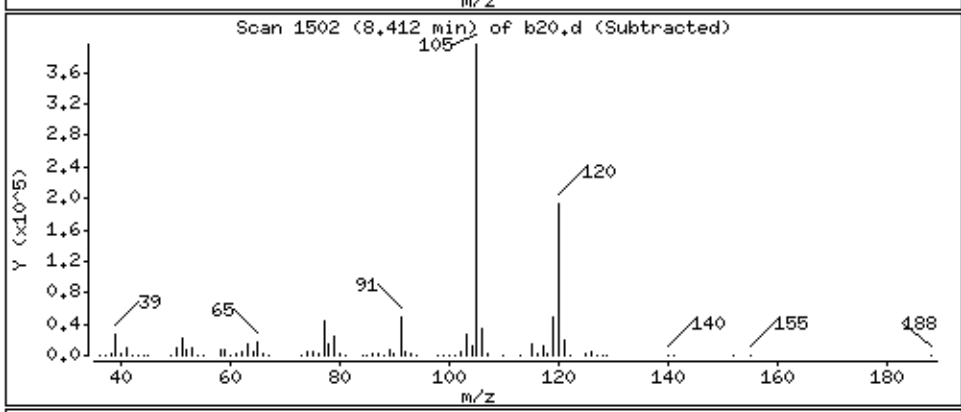
Column diameter: 0.18

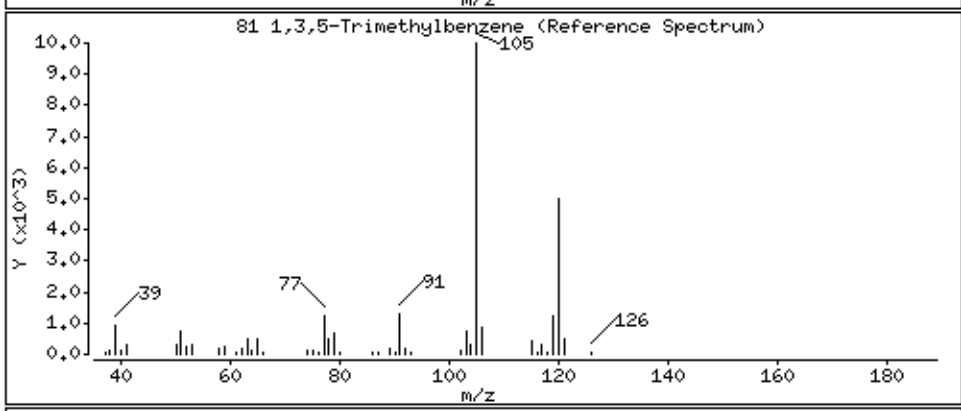
81 1,3,5-Trimethylbenzene

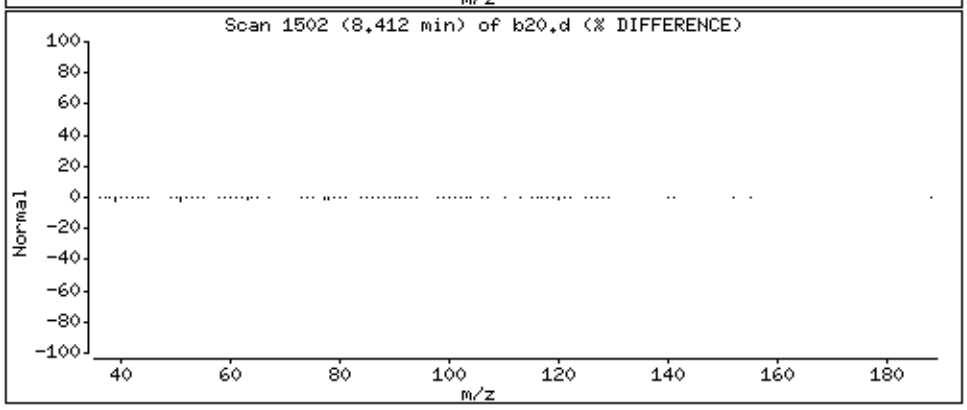
Concentration: 41.8 ppb

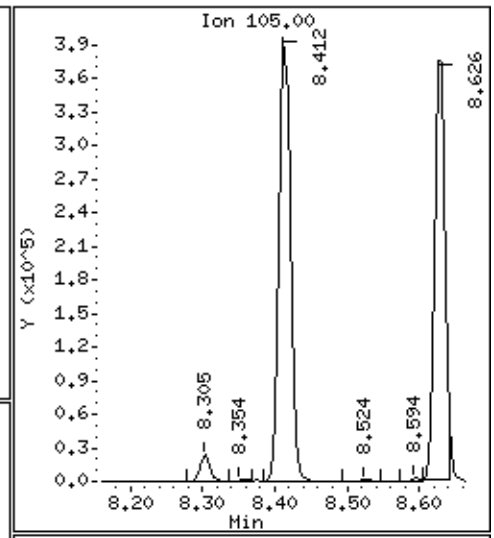
Review Code:

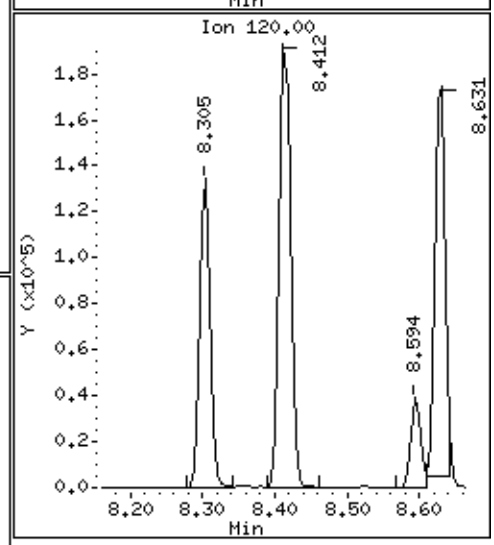












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

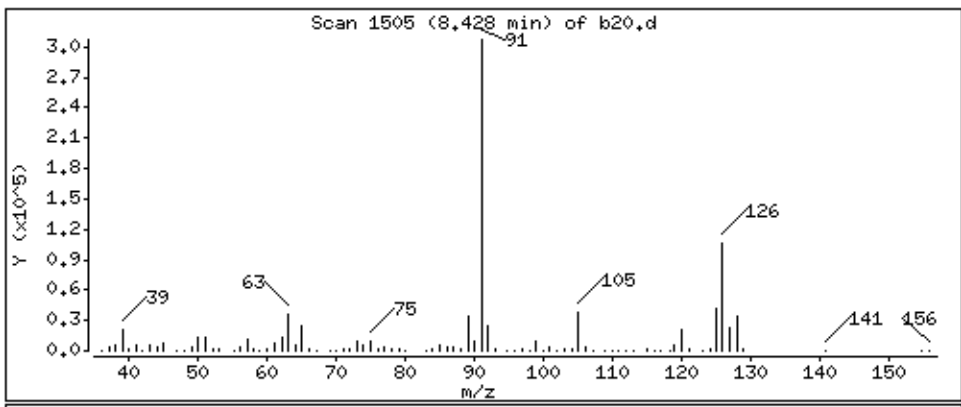
Column phase: DB-624

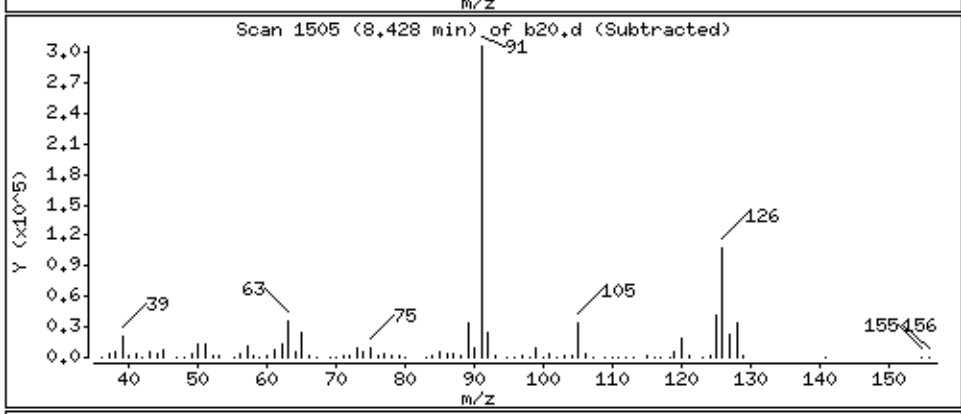
Column diameter: 0.18

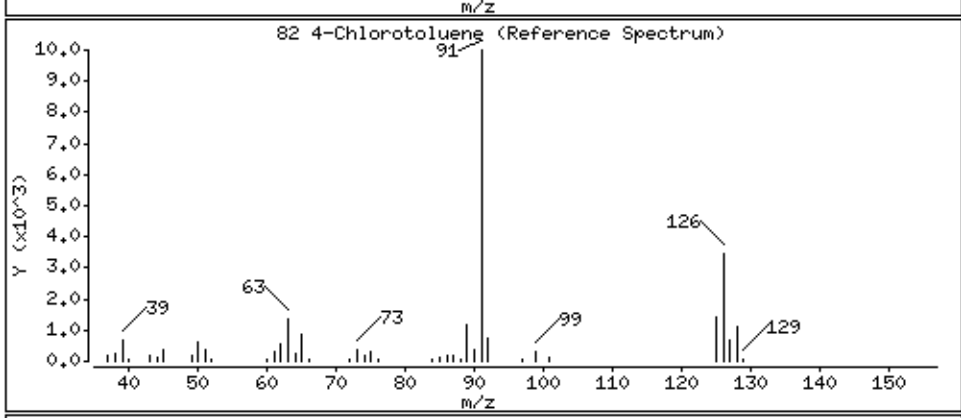
82 4-Chlorotoluene

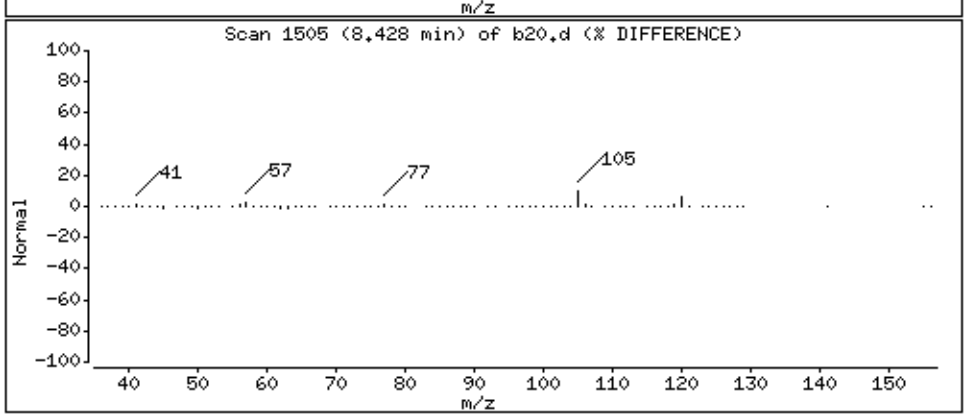
Concentration: 43.0 ppb

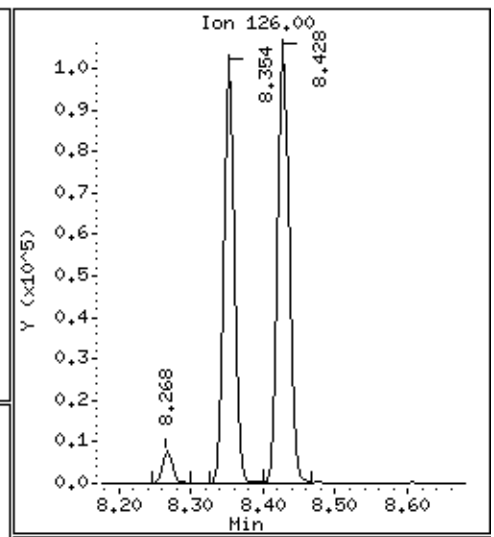
Review Code:

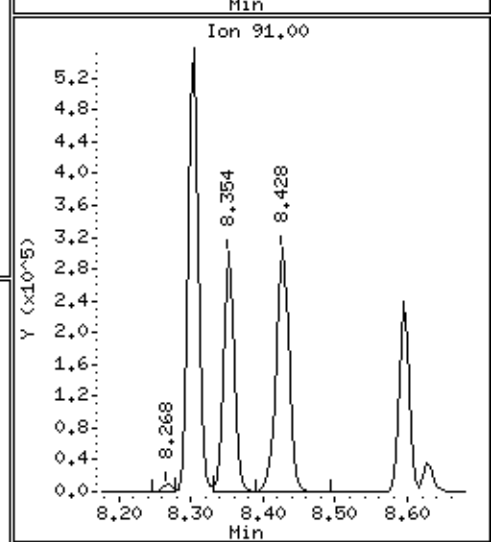












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Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

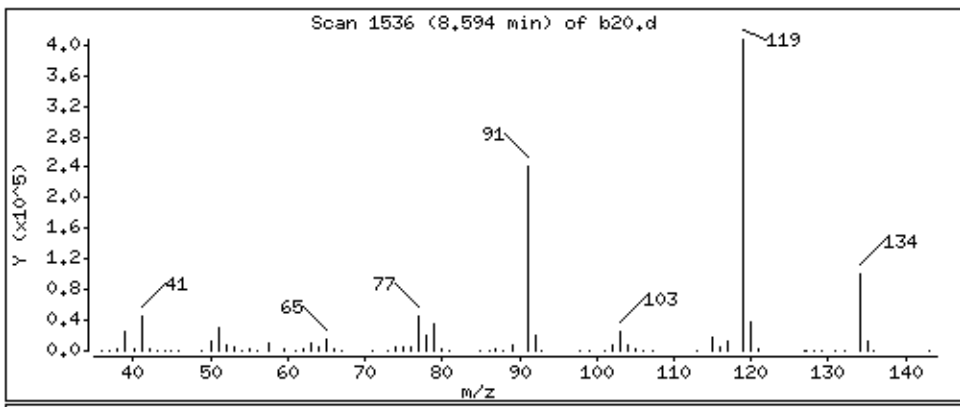
Column phase: DB-624

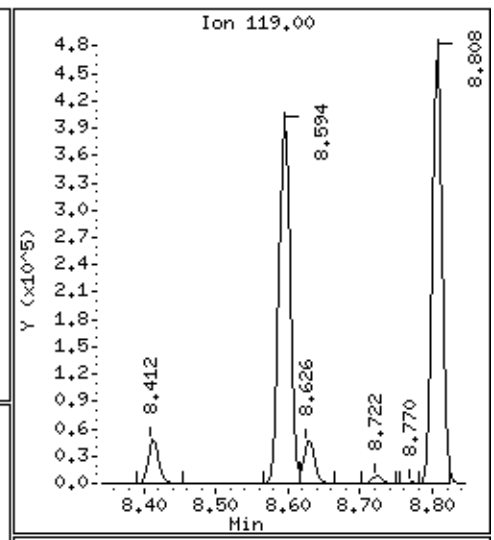
Column diameter: 0.18

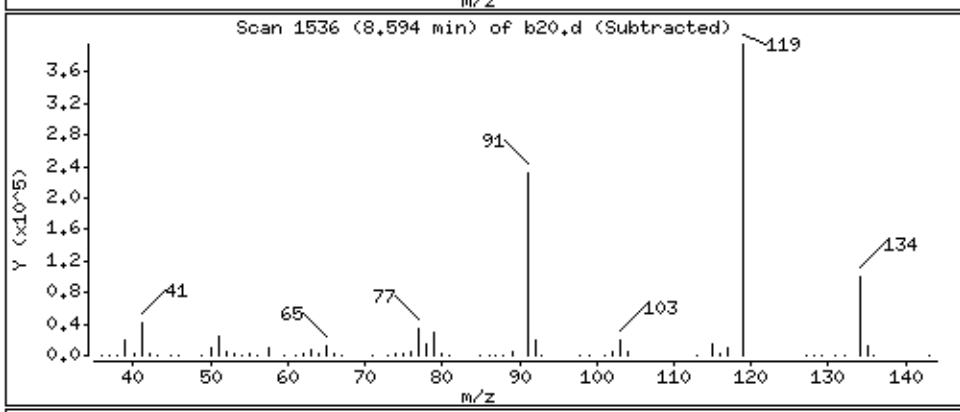
83 tert-Butylbenzene

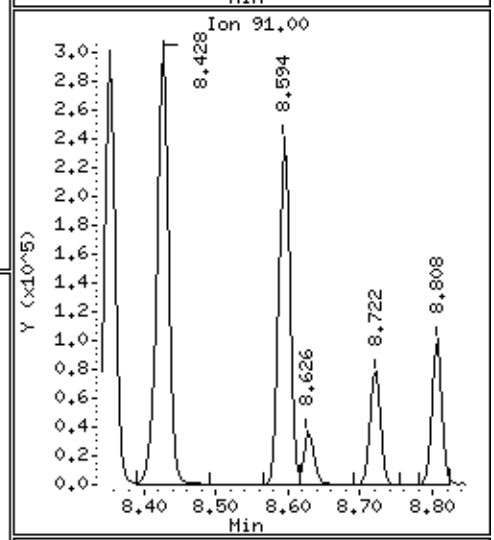
Concentration: 36.0 ppb

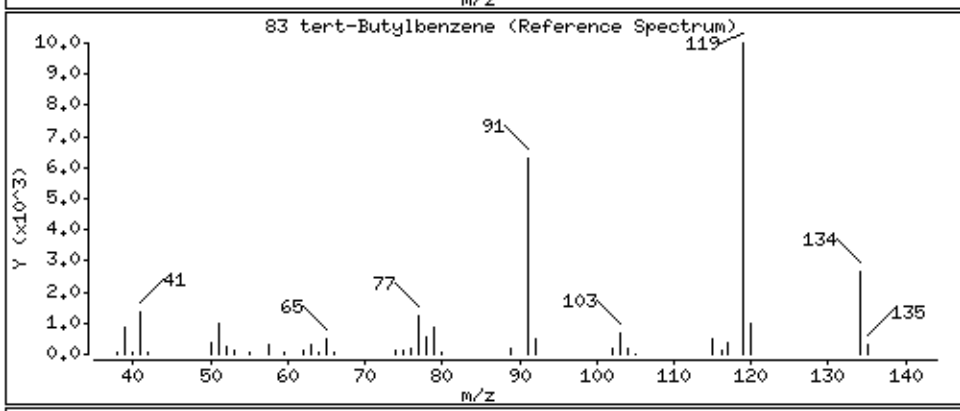
Review Code:

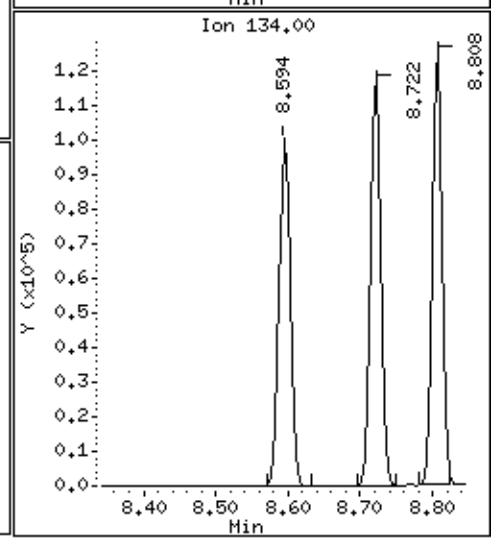


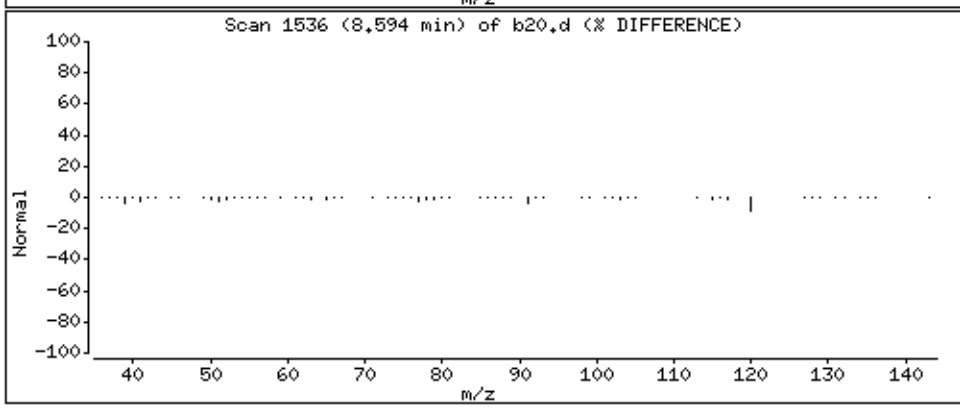












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

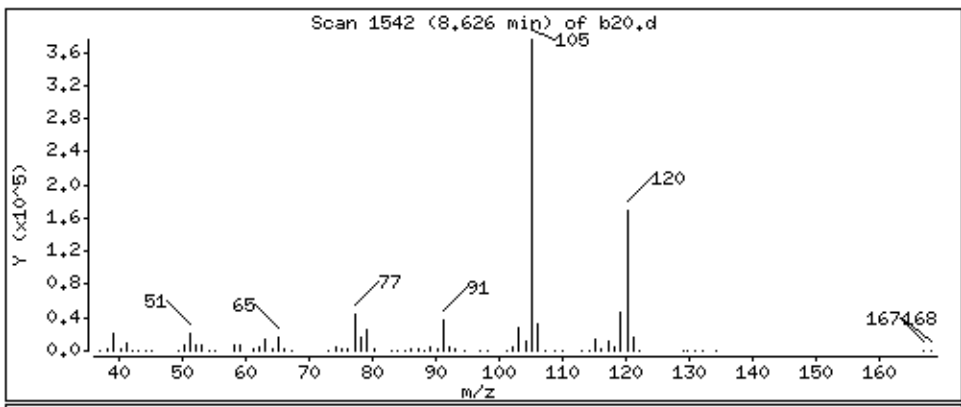
Column phase: DB-624

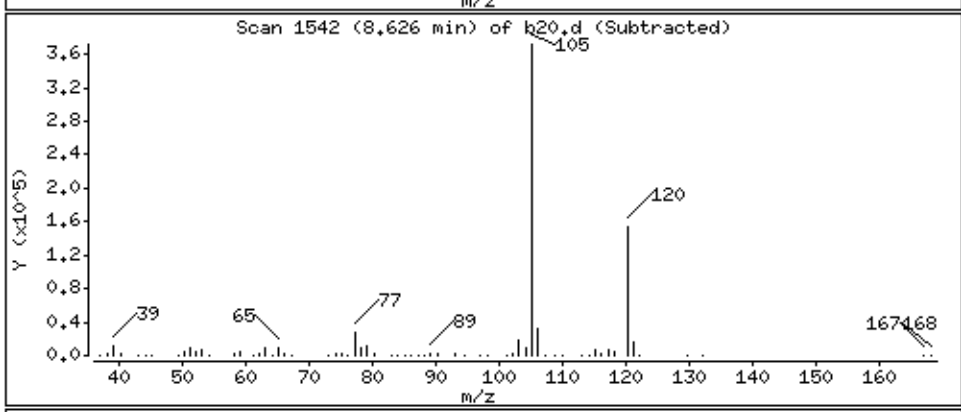
Column diameter: 0.18

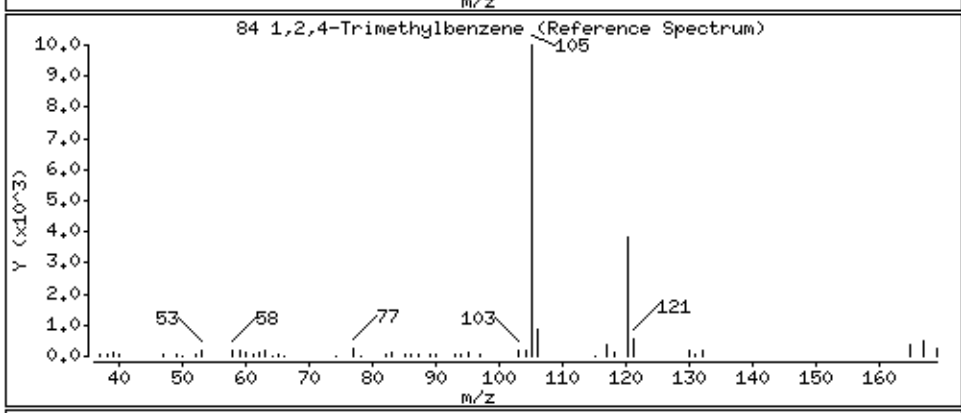
84 1,2,4-Trimethylbenzene

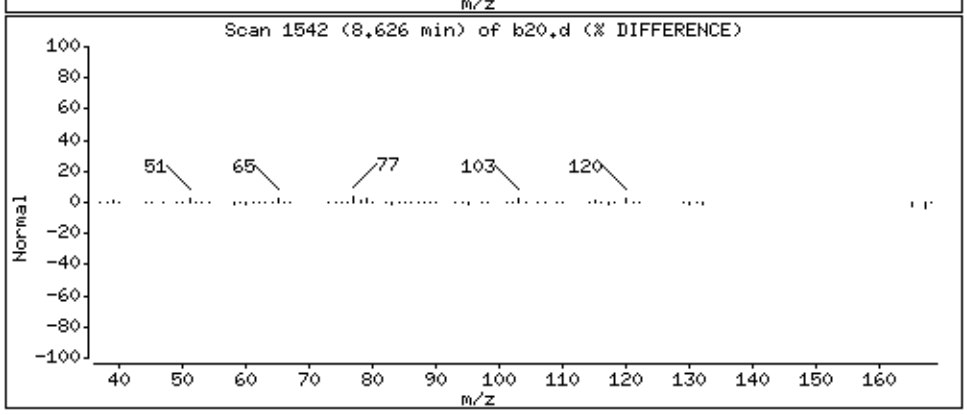
Concentration: 41.5 ppb

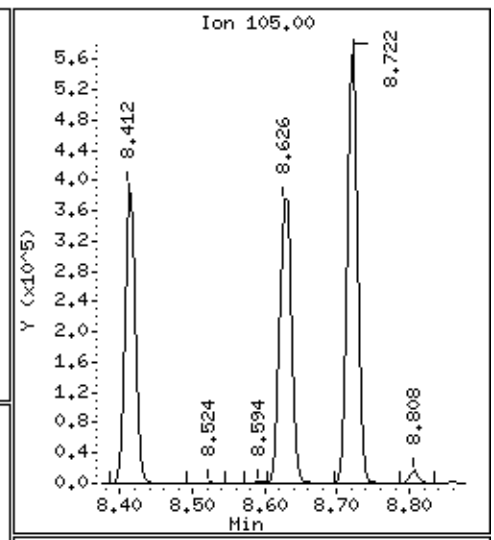
Review Code:

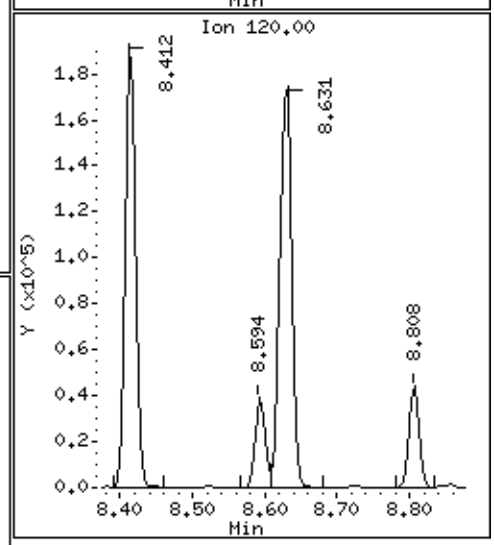












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

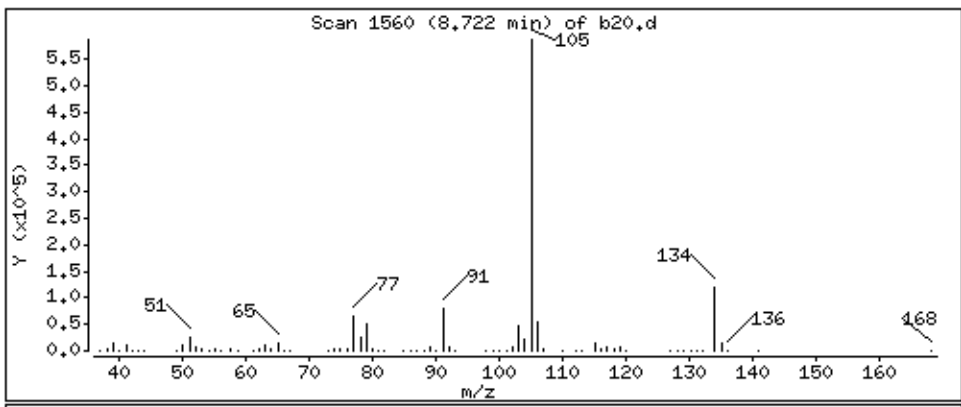
Column phase: DB-624

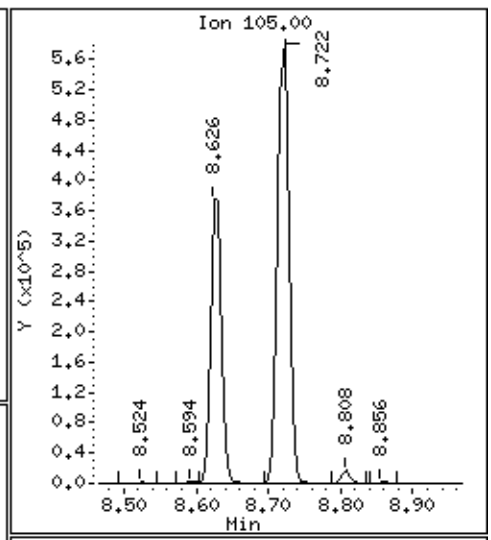
Column diameter: 0.18

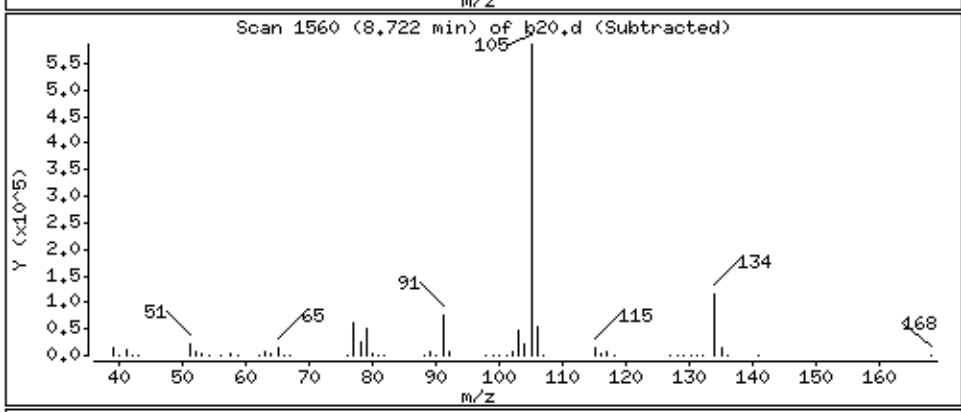
85 sec-Butylbenzene

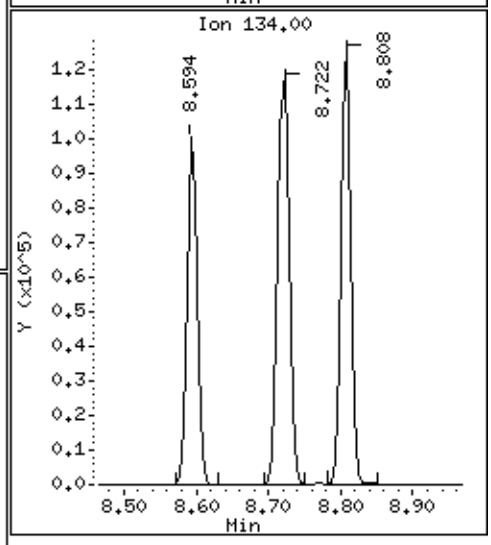
Concentration: 43.2 ppb

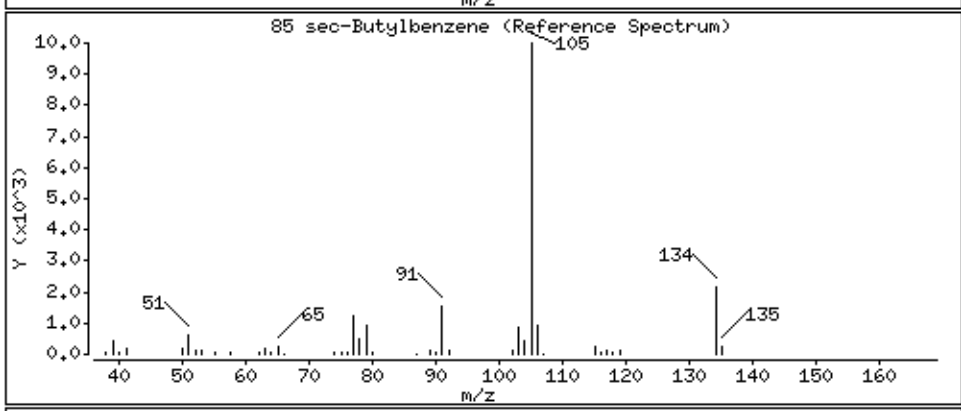
Review Code:

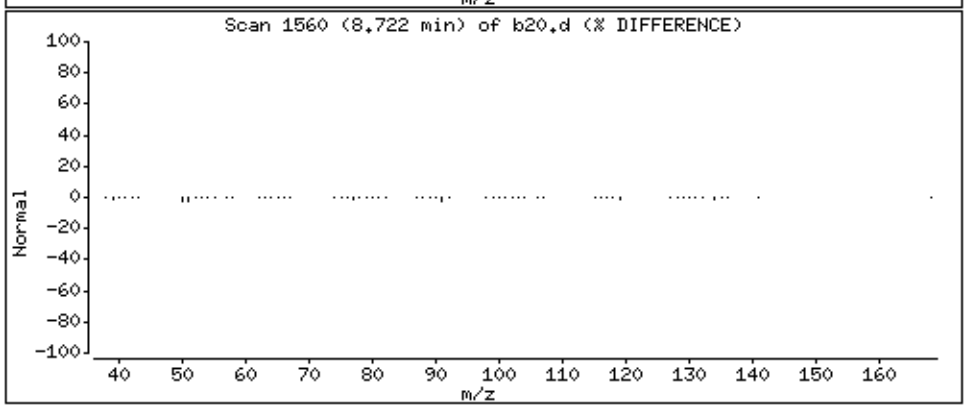












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

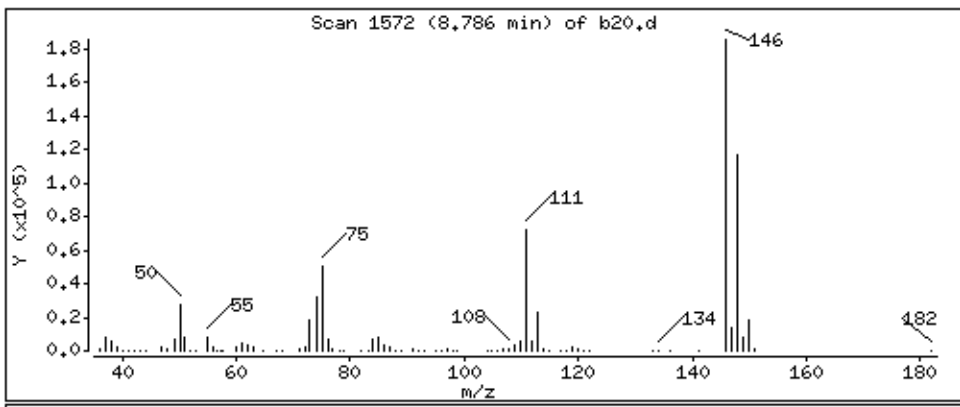
Column phase: DB-624

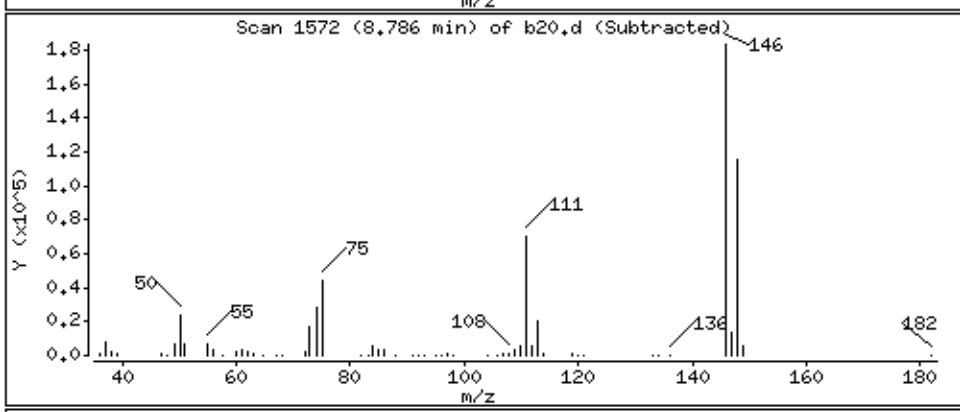
Column diameter: 0.18

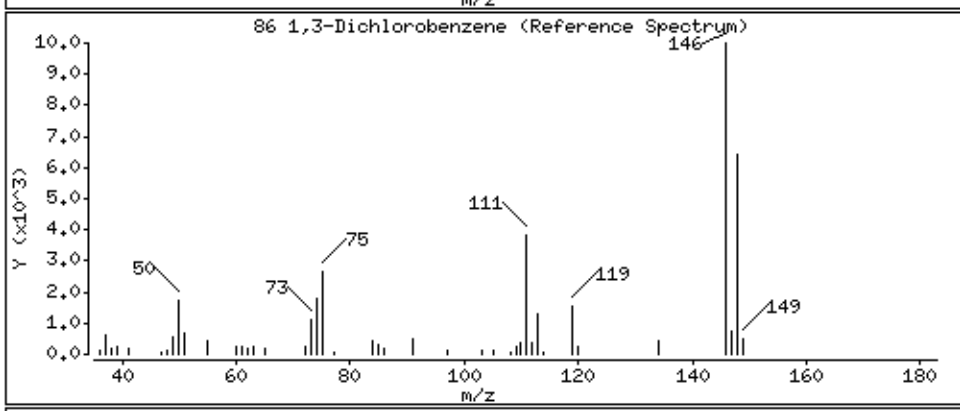
86 1,3-Dichlorobenzene

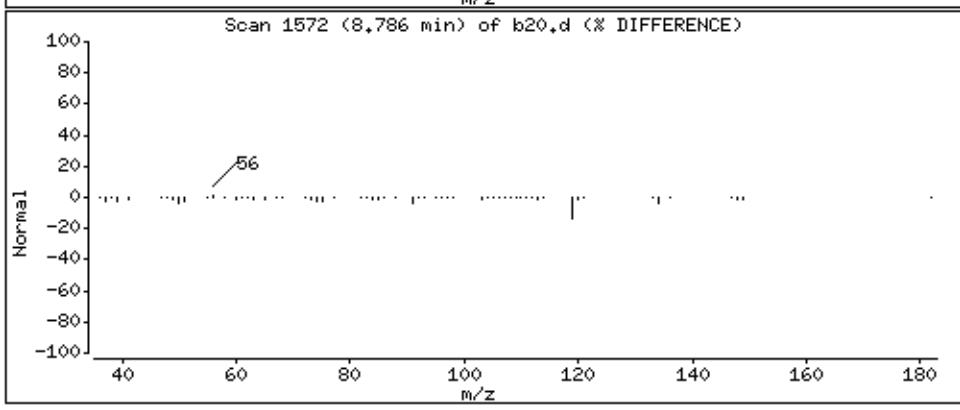
Concentration: 43.5 ppb

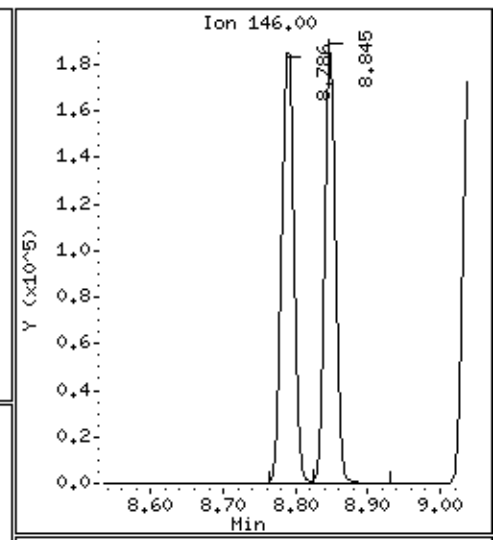
Review Code:

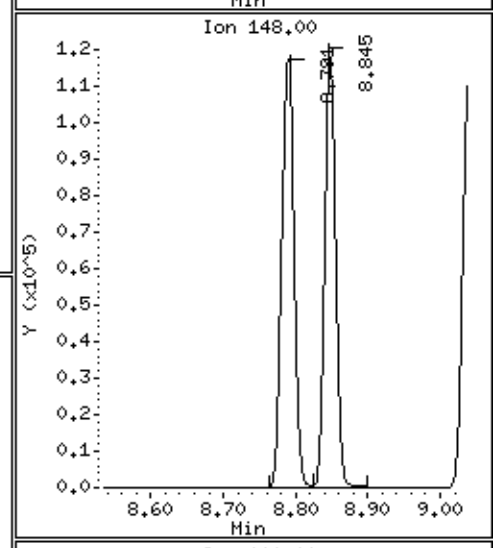


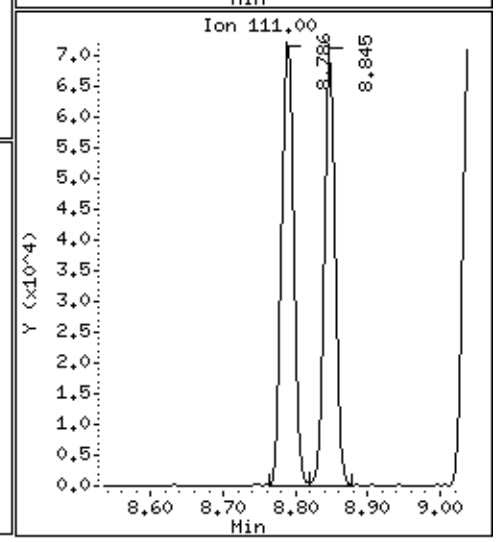












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

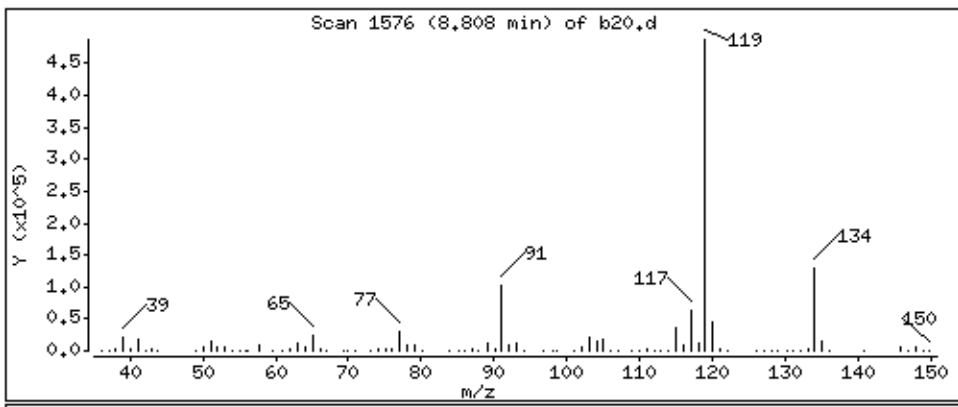
Column phase: DB-624

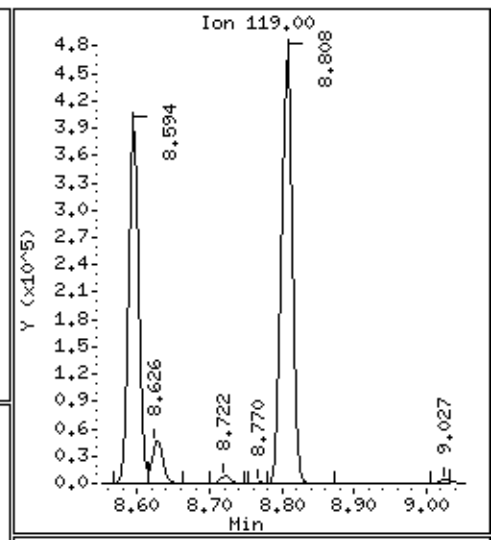
Column diameter: 0.18

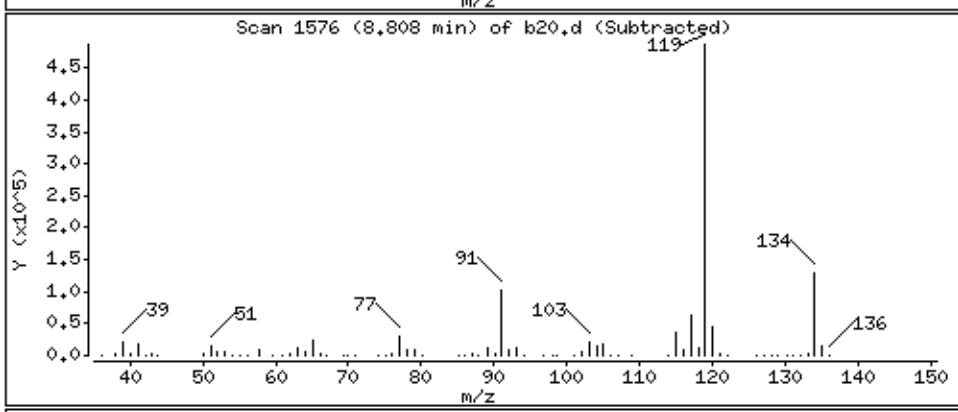
87 p-Isopropyltoluene

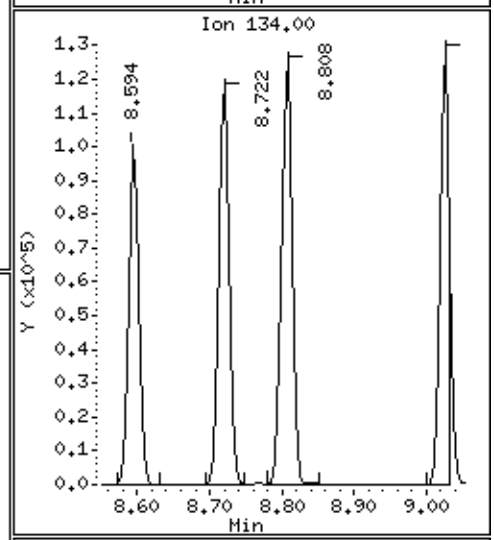
Concentration: 42.3 ppb

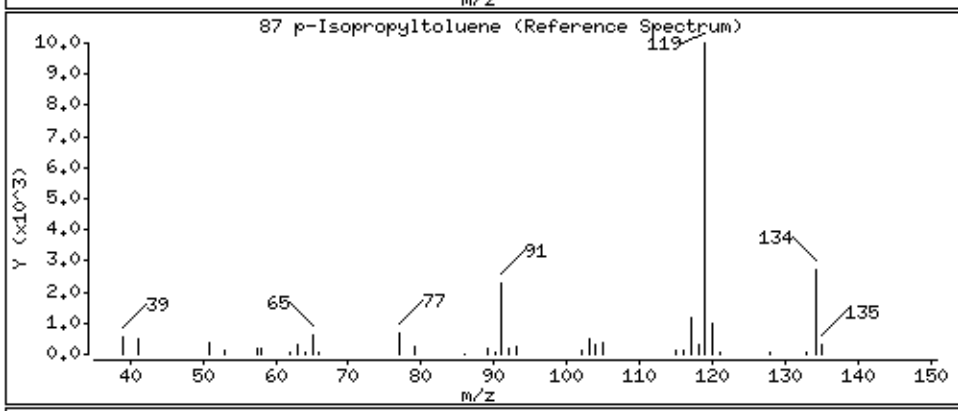
Review Code:

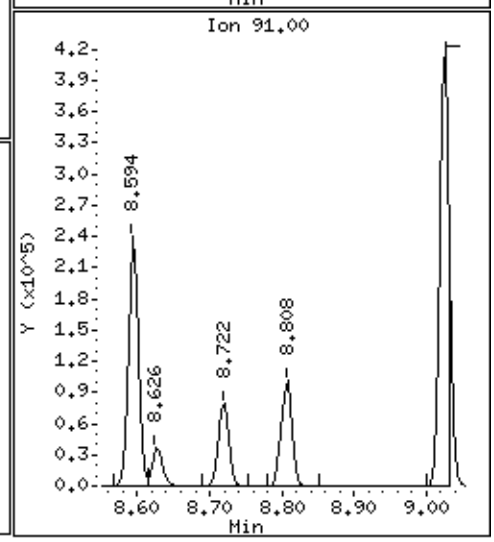


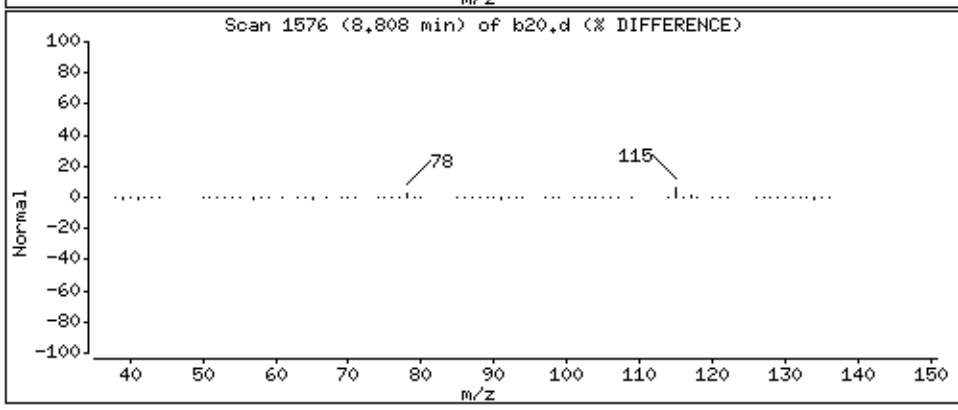












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

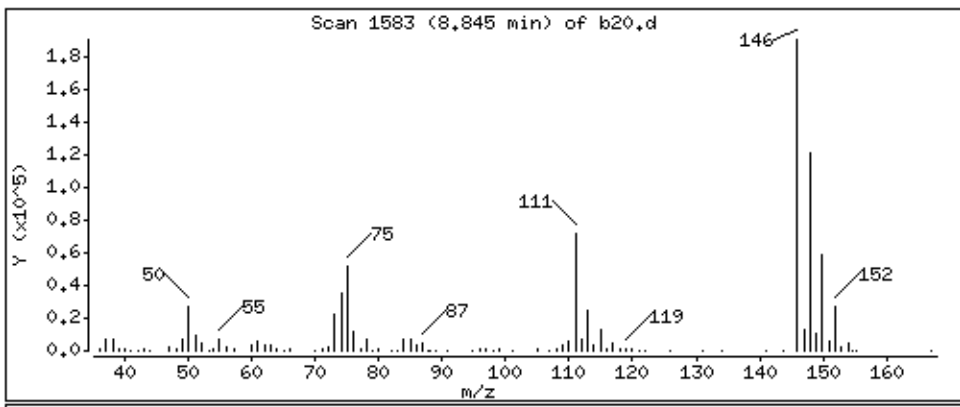
Column phase: DB-624

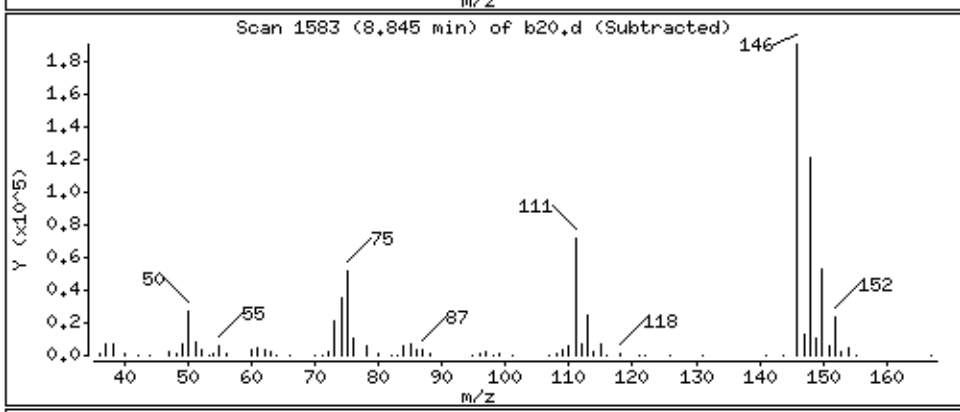
Column diameter: 0.18

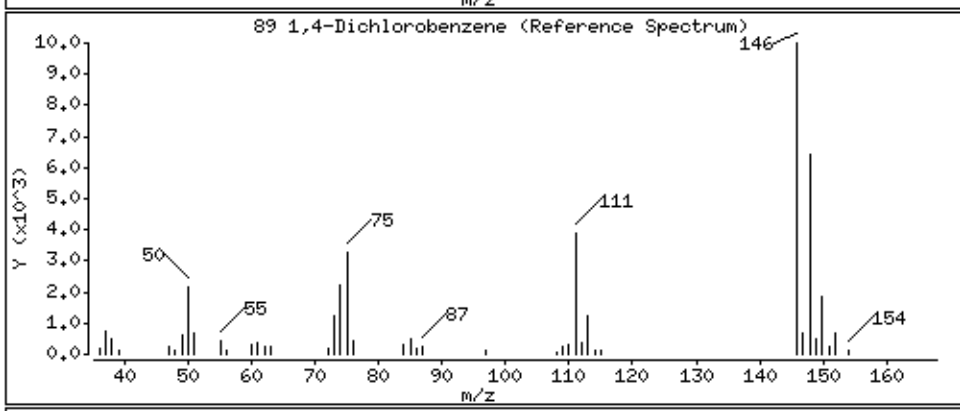
89 1,4-Dichlorobenzene

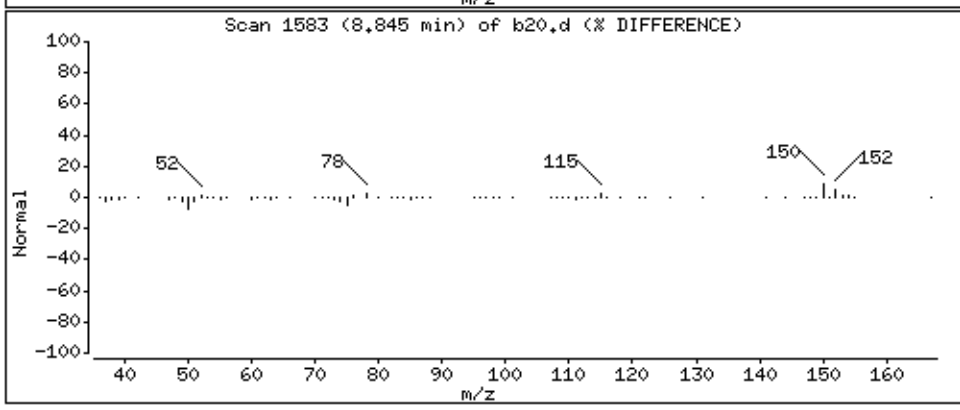
Concentration: 42.6 ppb

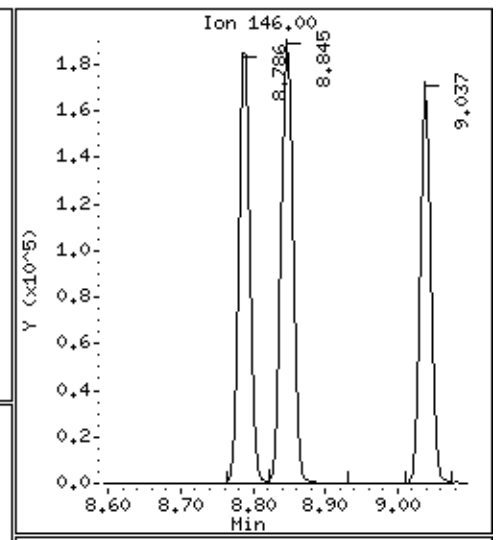
Review Code:

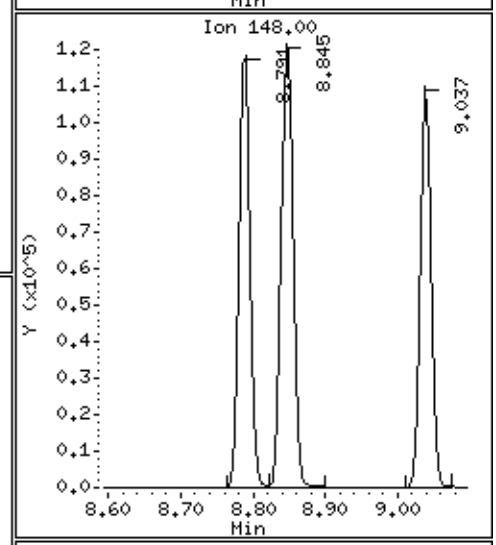


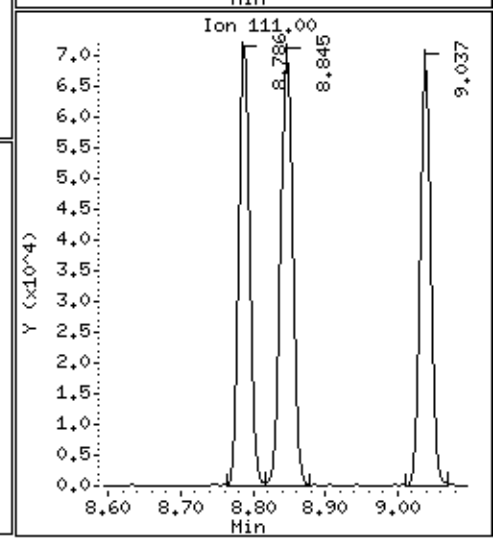












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

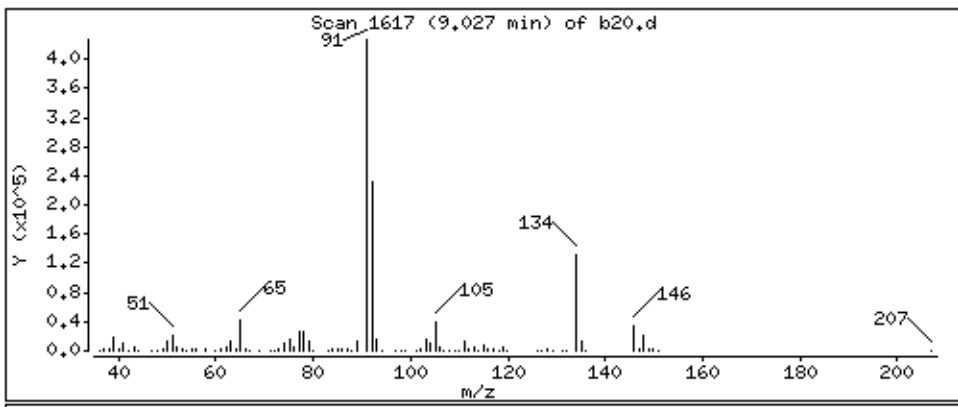
Column phase: DB-624

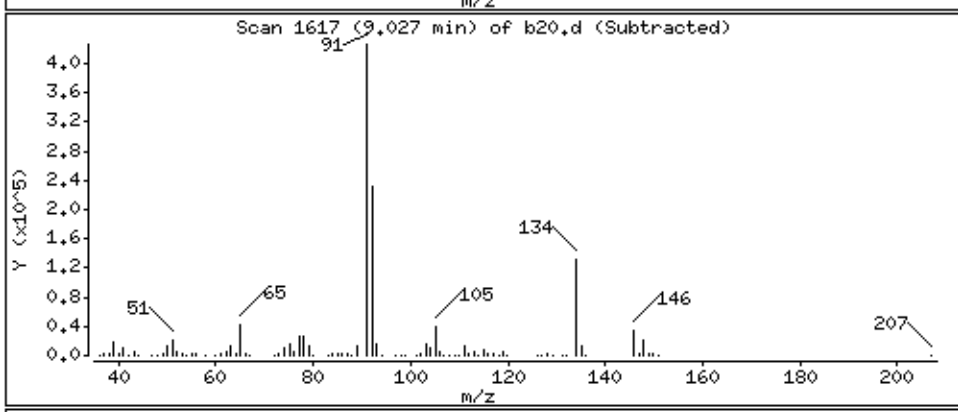
Column diameter: 0.18

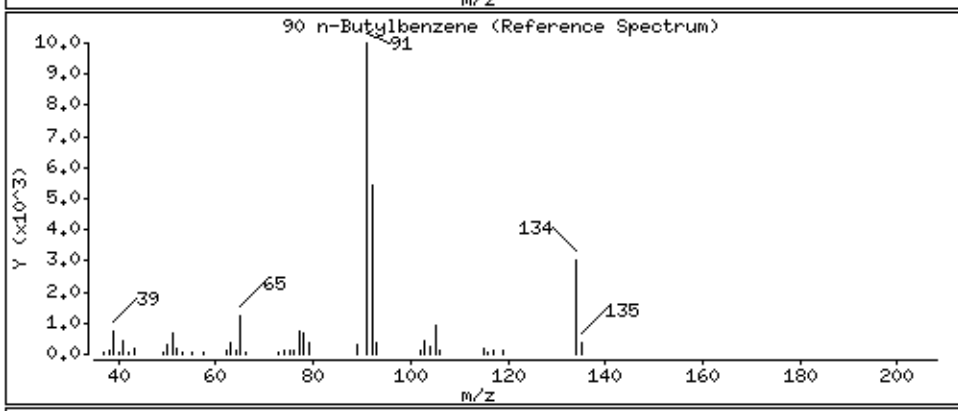
90 n-Butylbenzene

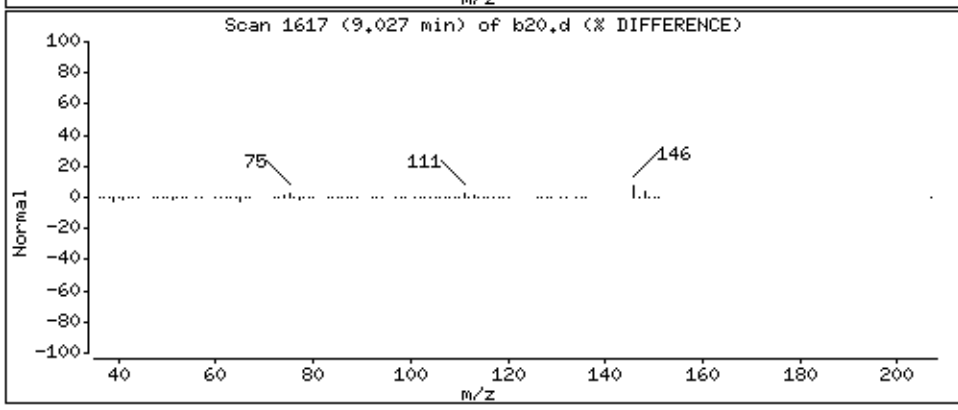
Concentration: 39.7 ppb

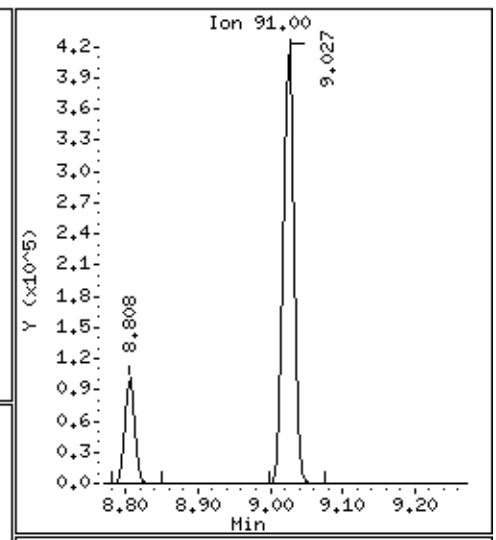
Review Code:

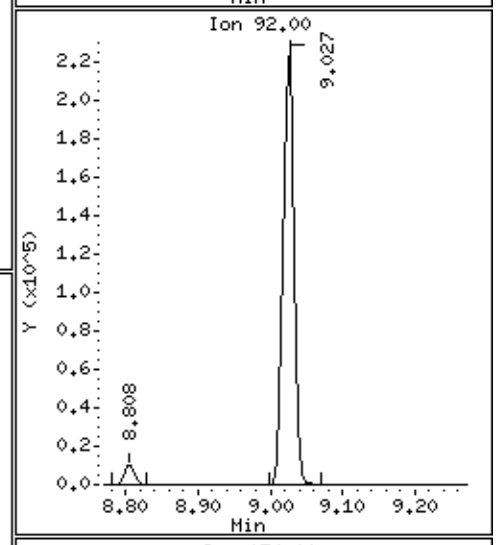


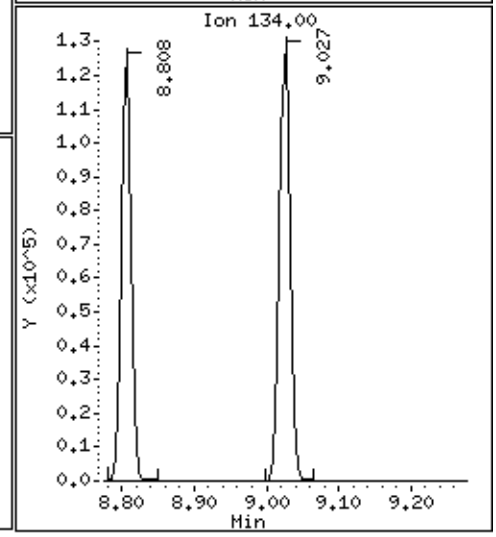












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

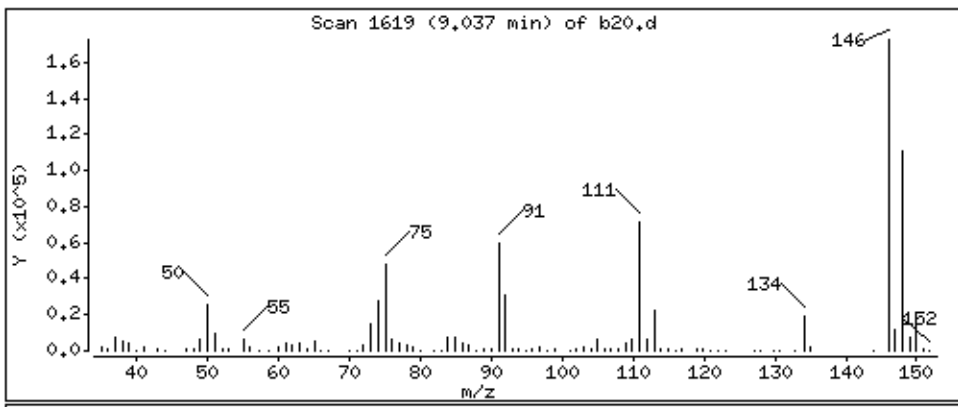
Column phase: DB-624

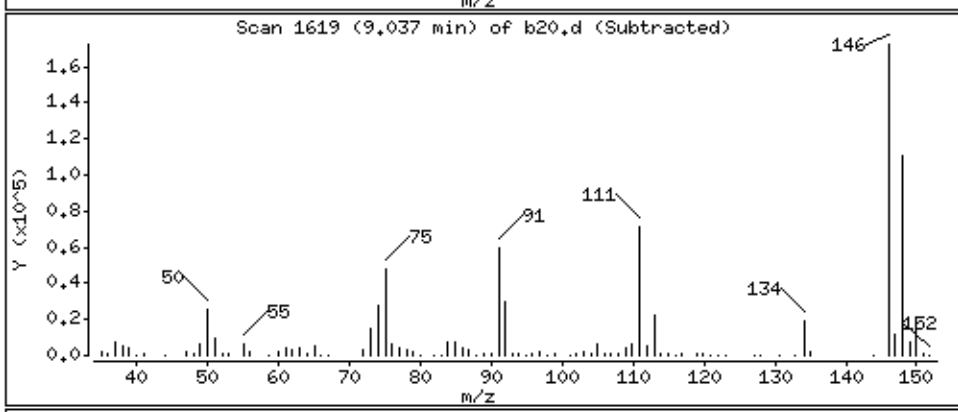
Column diameter: 0.18

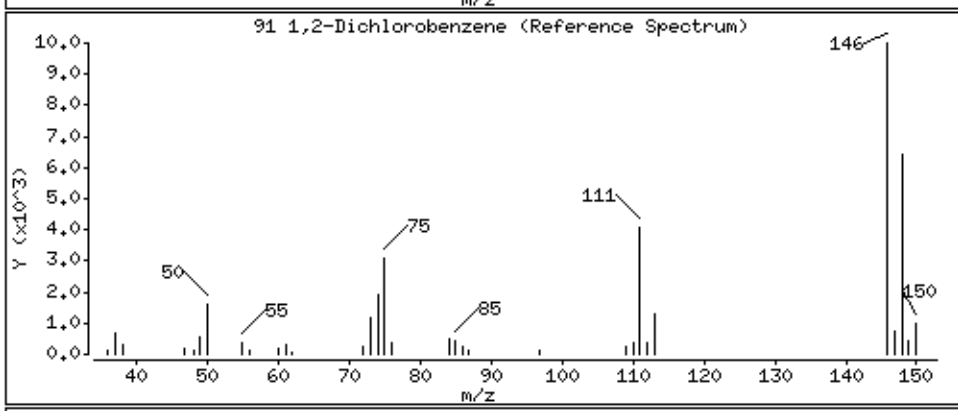
91 1,2-Dichlorobenzene

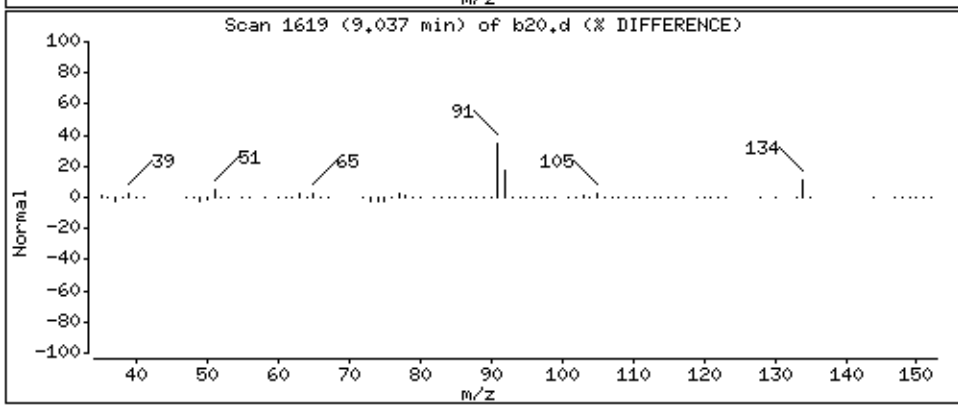
Concentration: 45.0 ppb

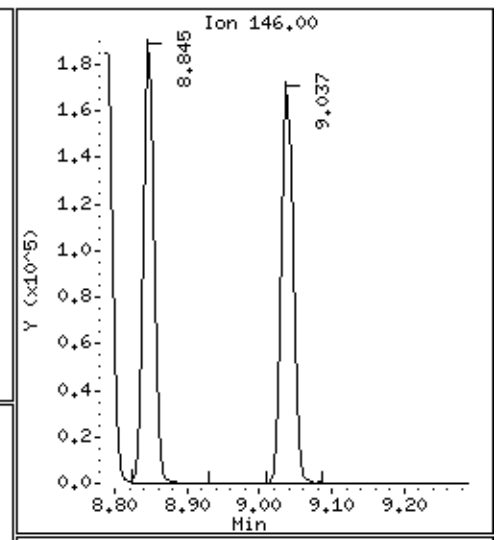
Review Code:

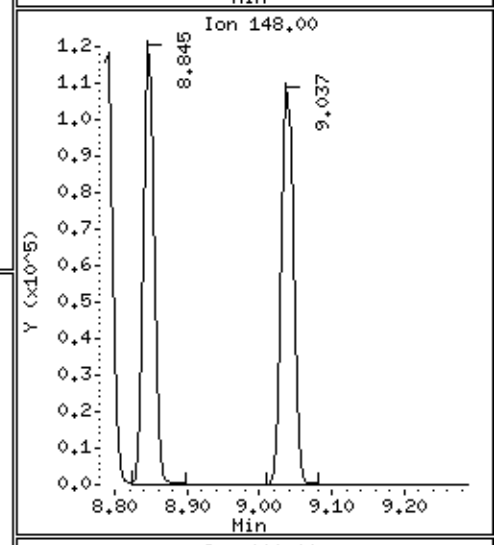


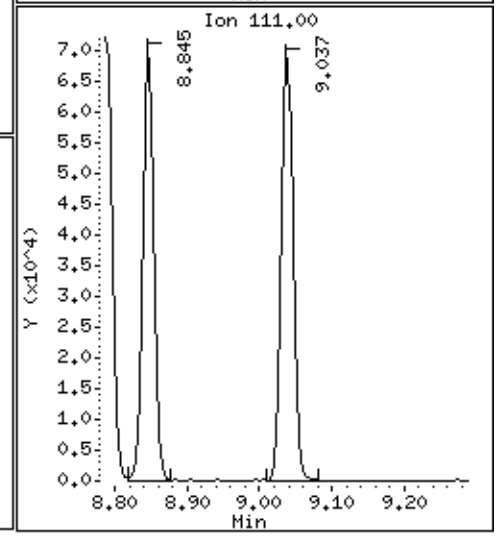












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

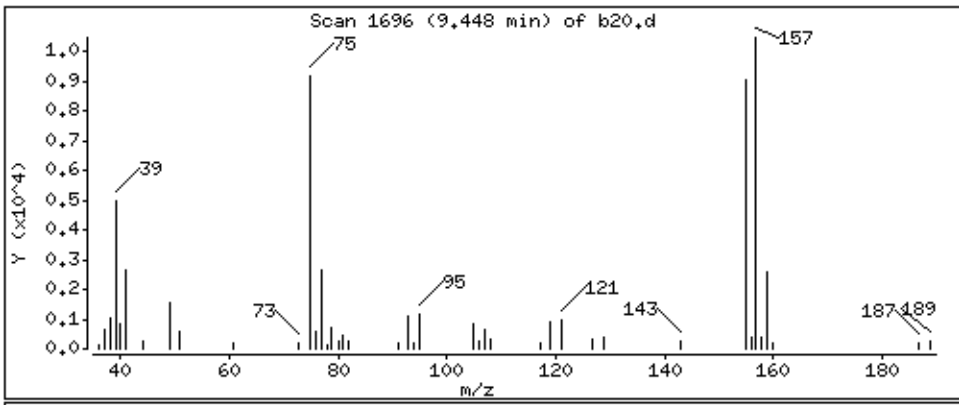
Column phase: DB-624

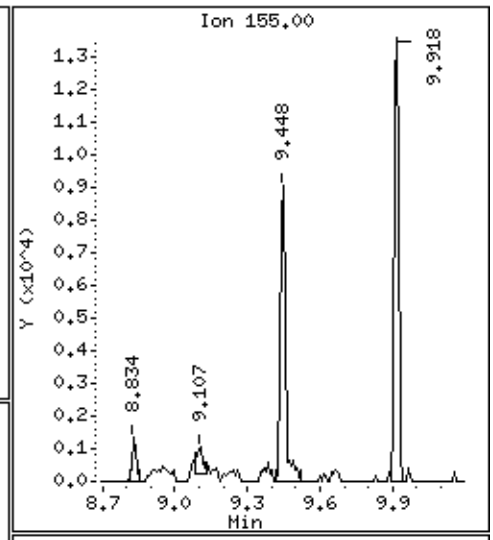
Column diameter: 0.18

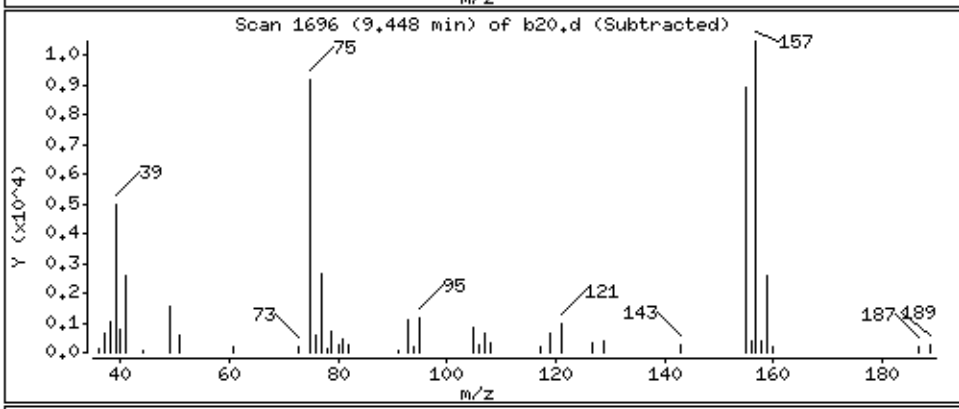
92 1,2-Dibromo-3-chloropropane

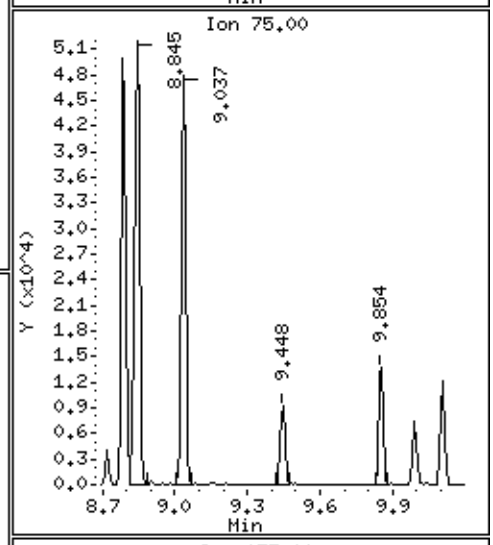
Concentration: 50.4 ppb

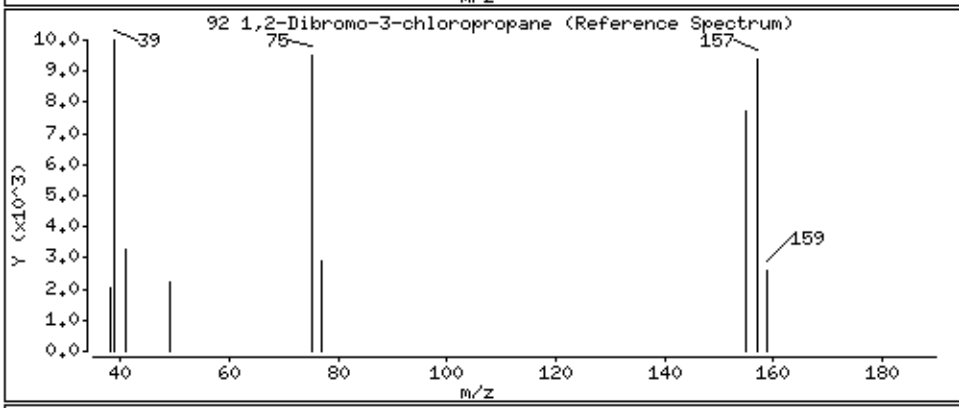
Review Code:

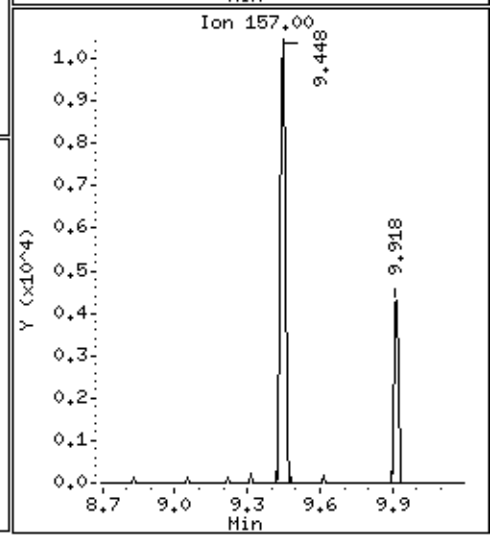


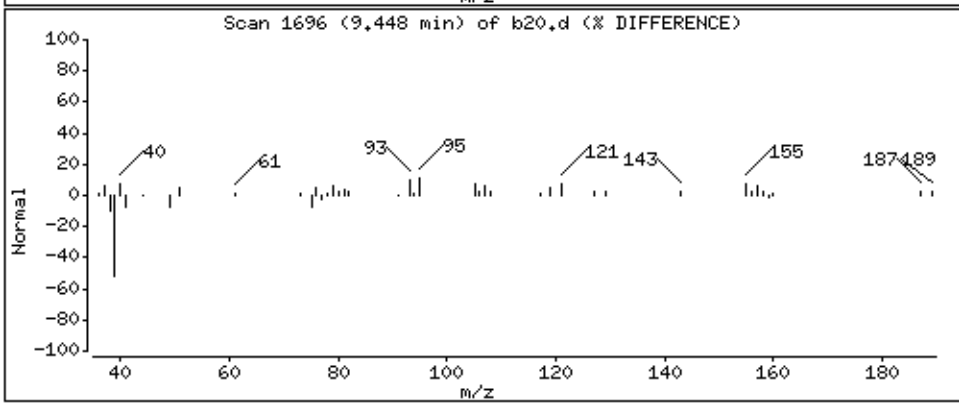












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

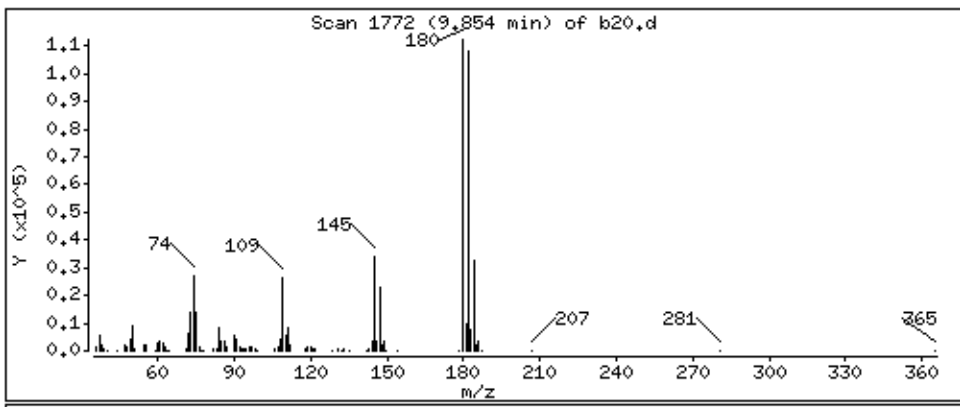
Column phase: DB-624

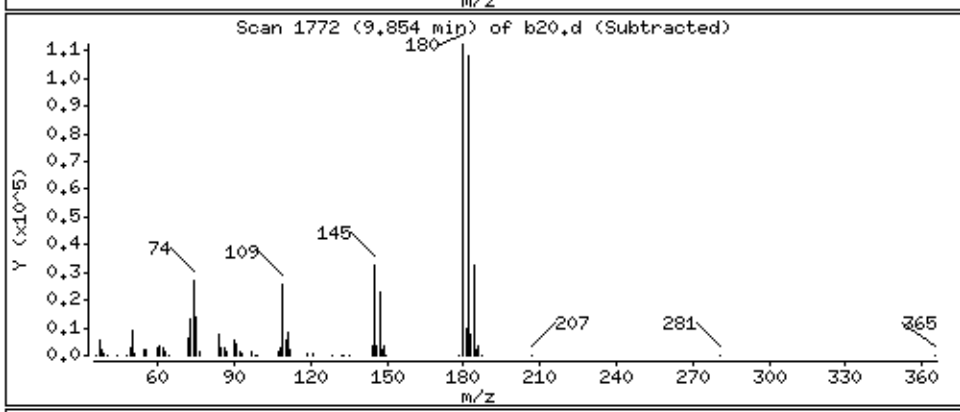
Column diameter: 0.18

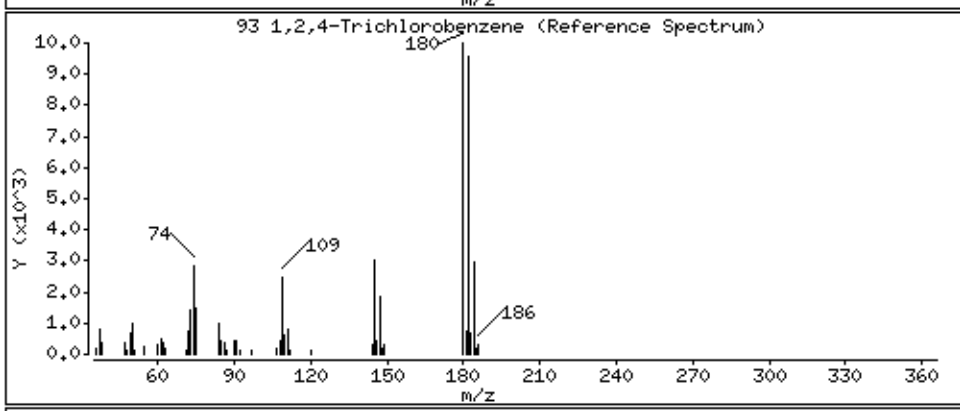
93 1,2,4-Trichlorobenzene

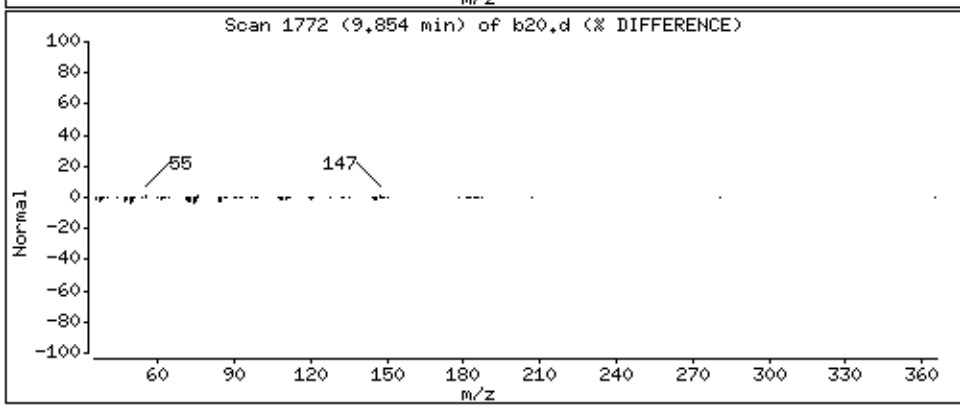
Concentration: 42.0 ppb

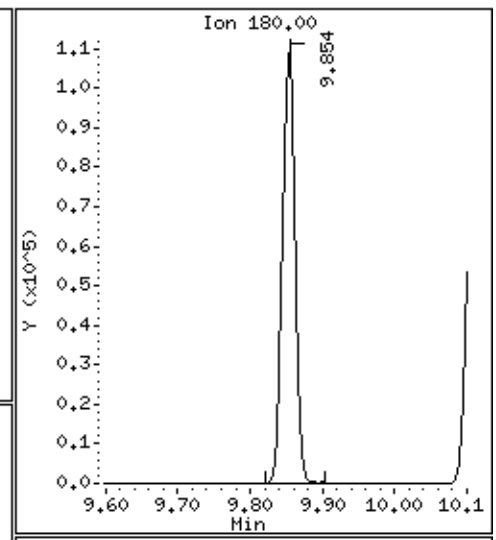
Review Code:

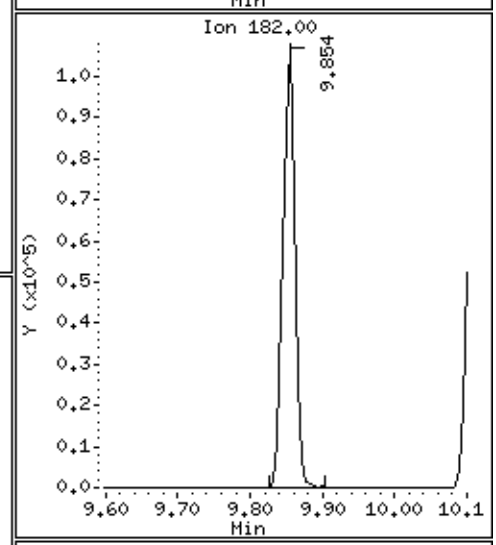


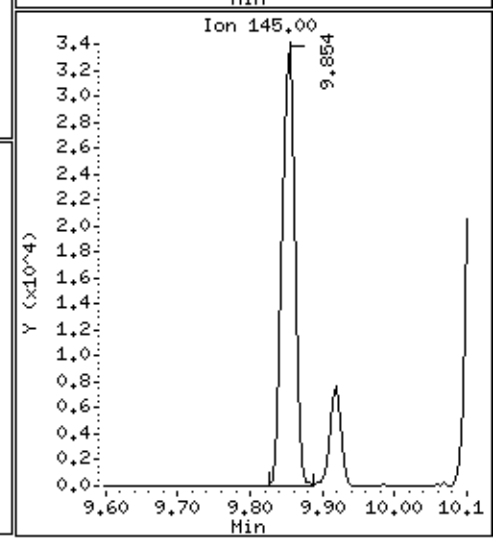












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

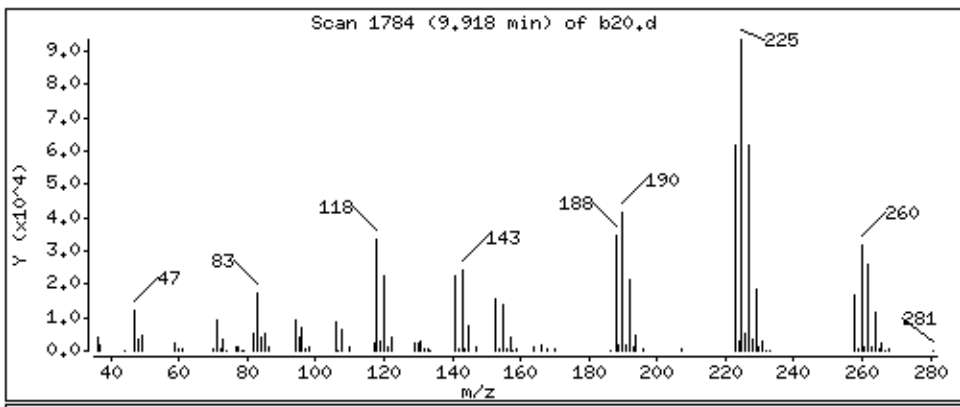
Column phase: DB-624

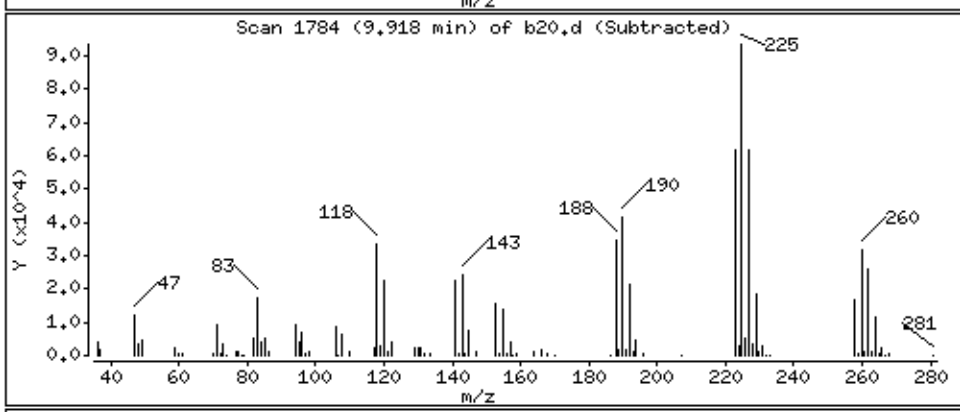
Column diameter: 0.18

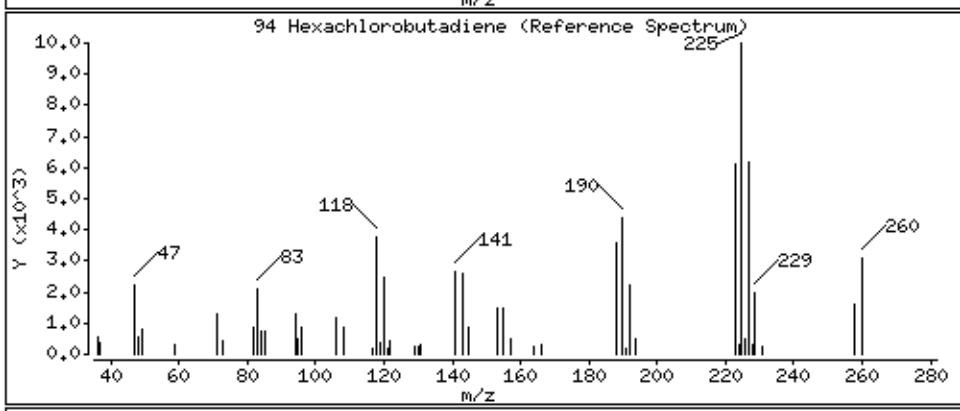
94 Hexachlorobutadiene

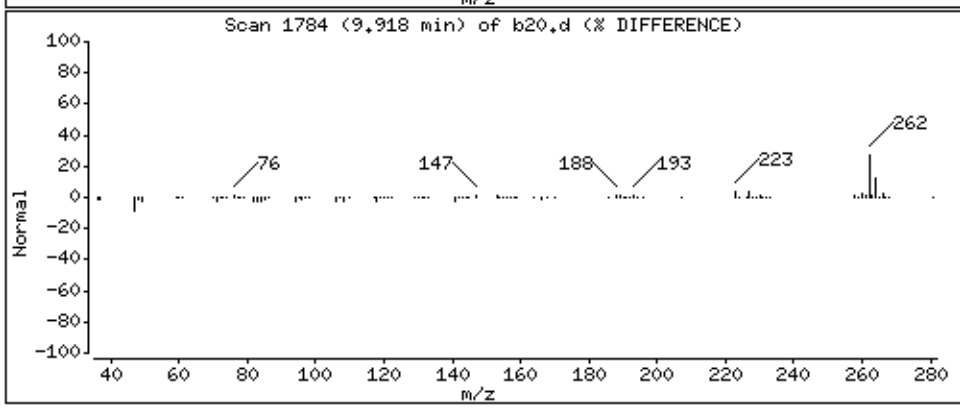
Concentration: 45.4 ppb

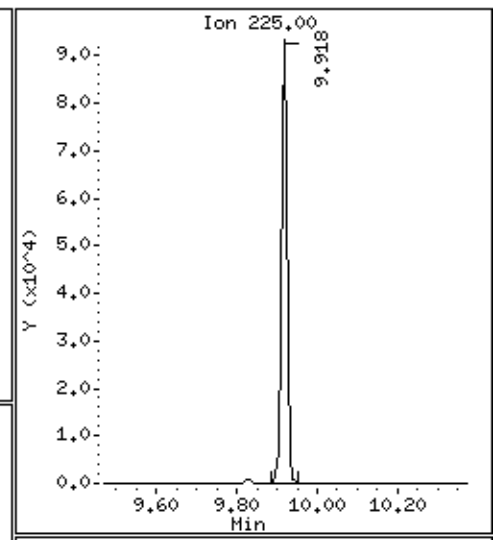
Review Code:

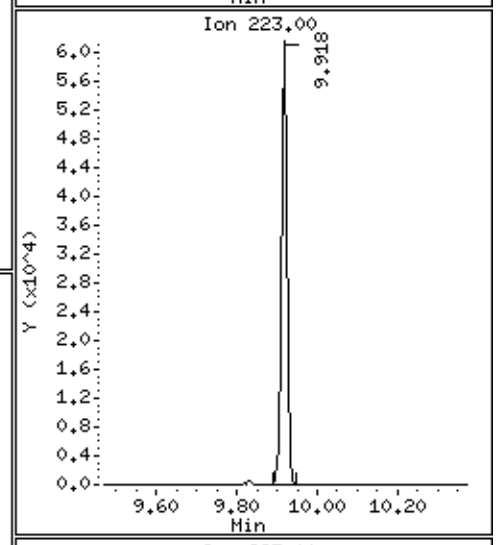


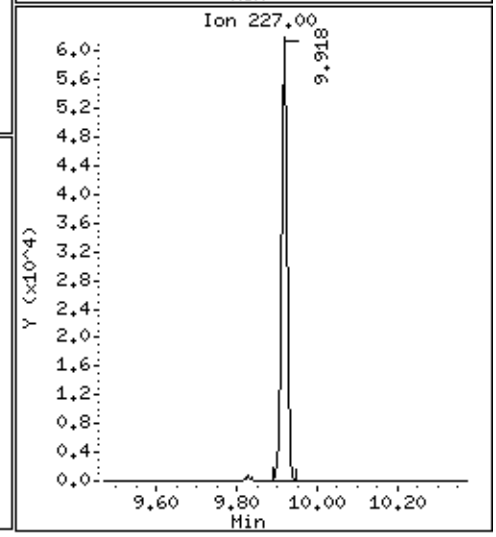












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

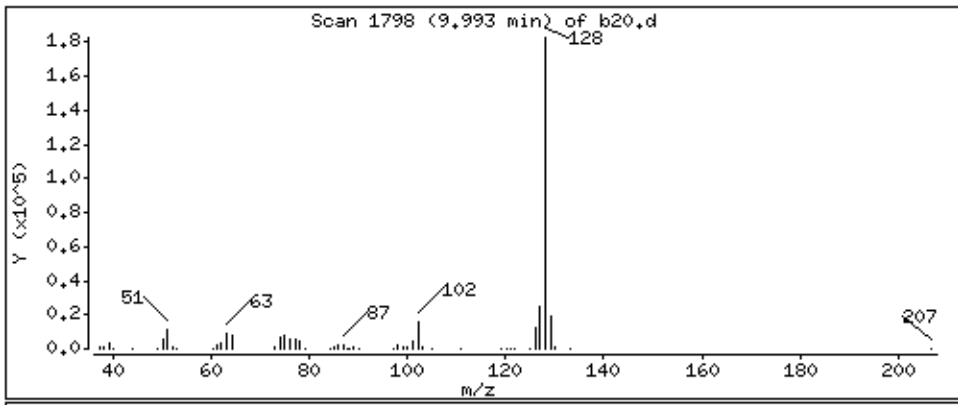
Column phase: DB-624

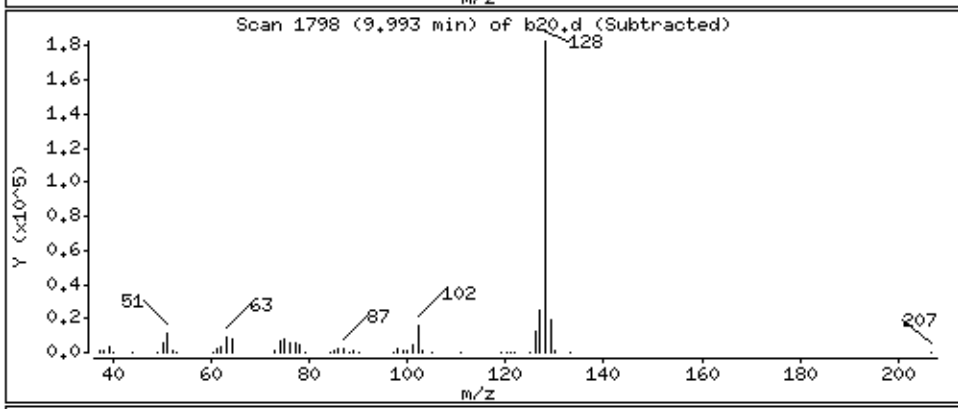
Column diameter: 0.18

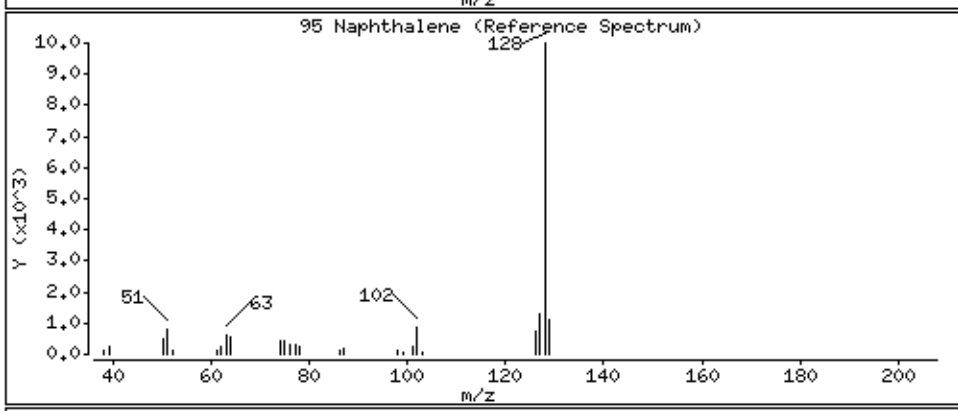
95 Naphthalene

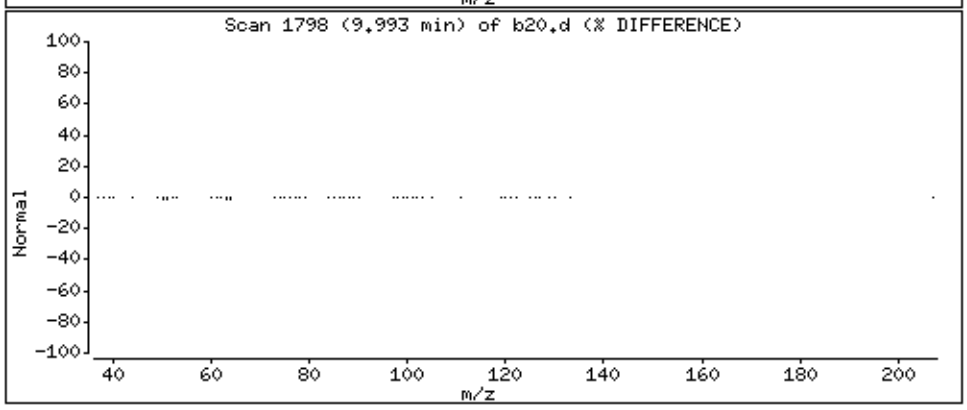
Concentration: 42.7 ppb

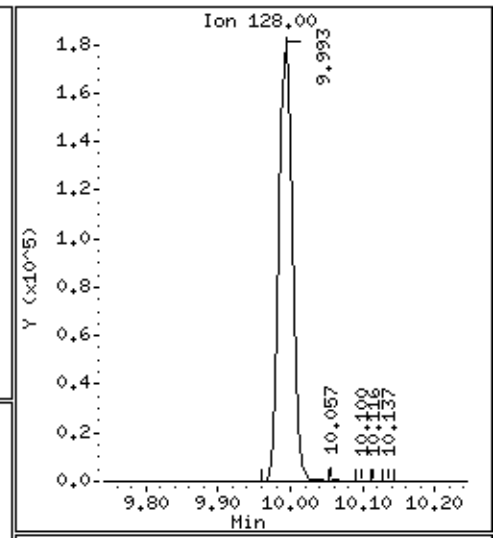
Review Code:

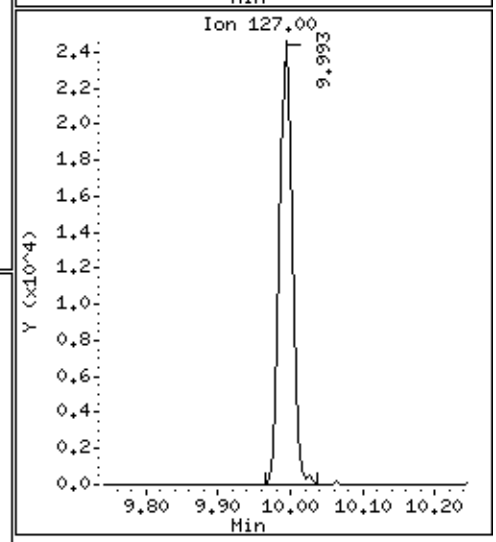












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

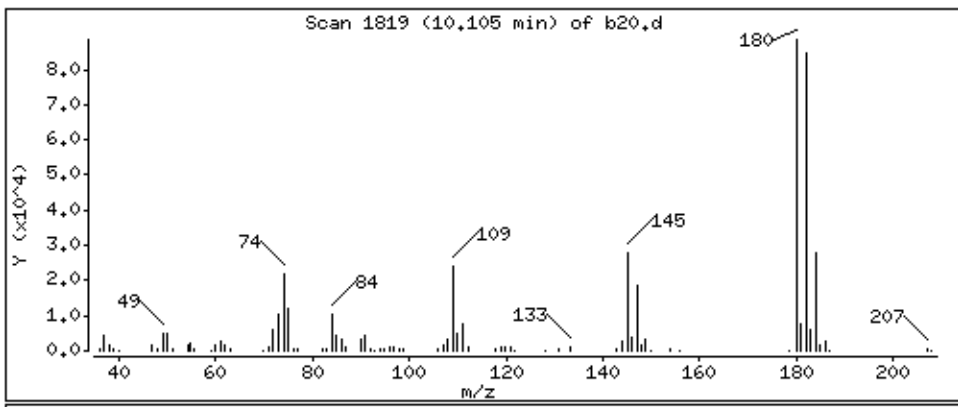
Column phase: DB-624

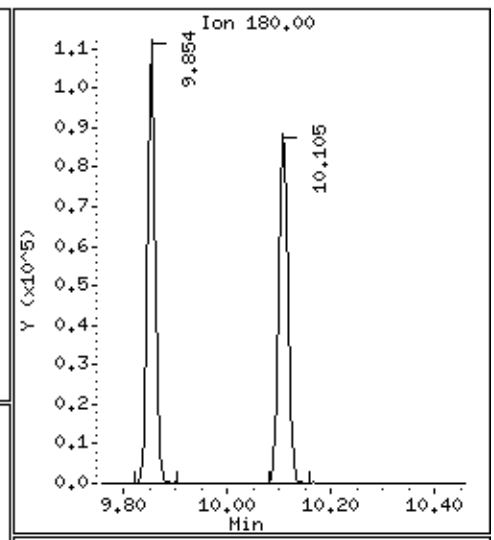
Column diameter: 0.18

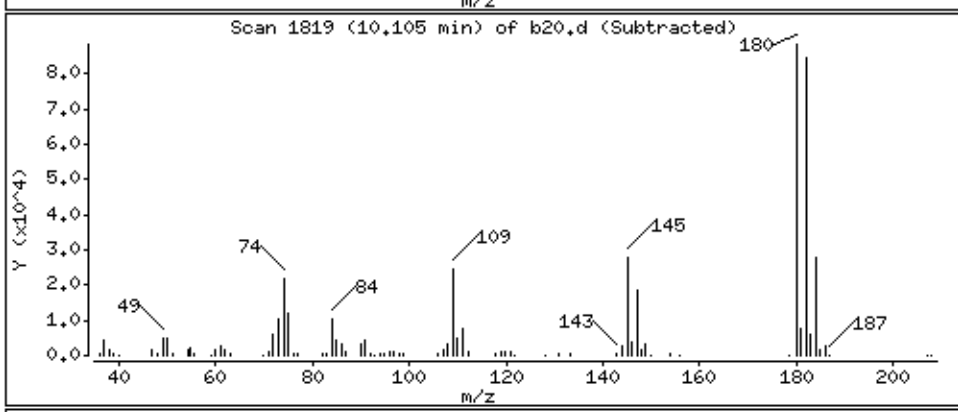
96 1,2,3-Trichlorobenzene

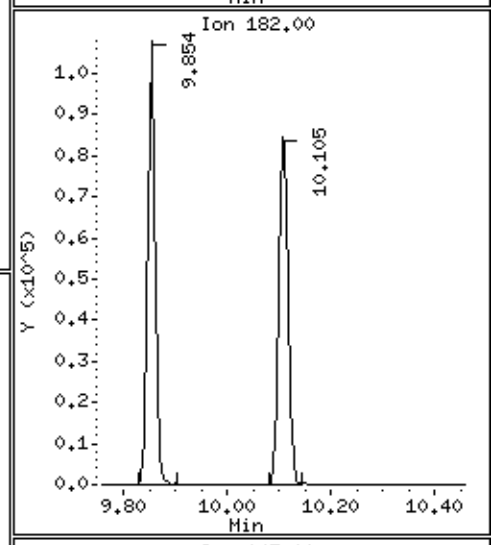
Concentration: 43.5 ppb

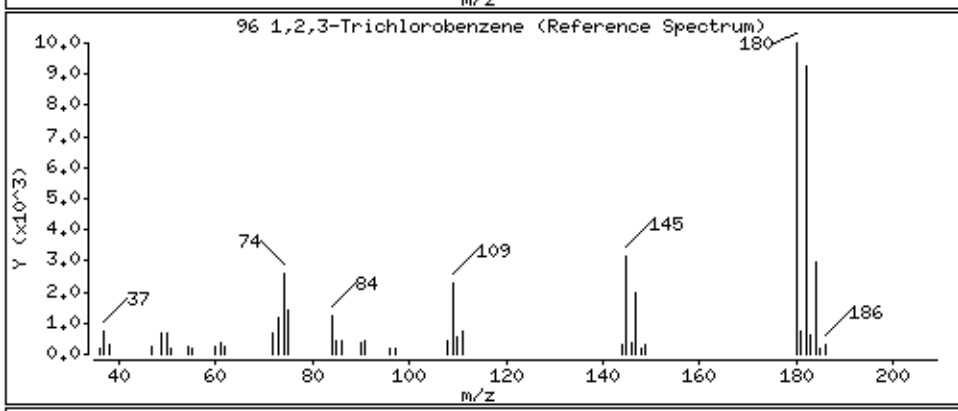
Review Code:

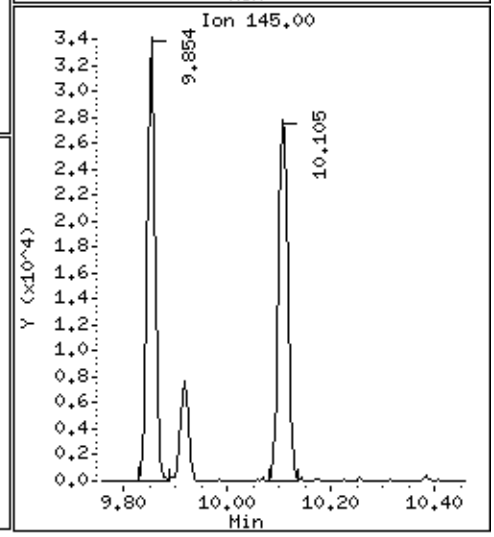


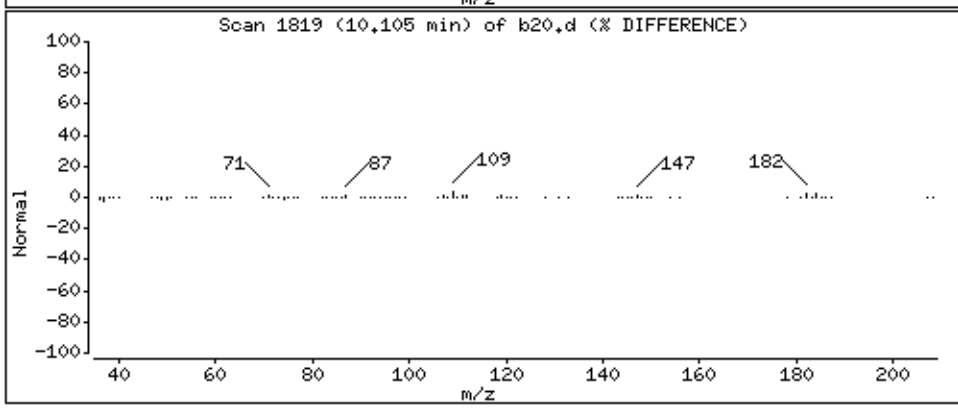












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

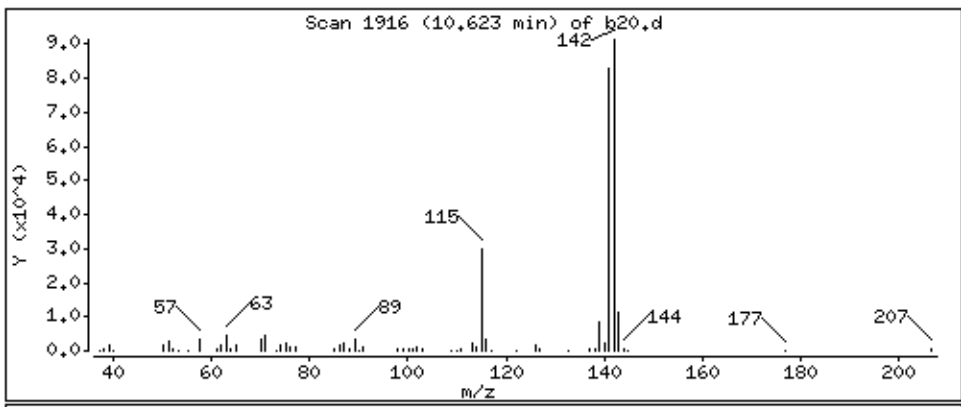
Column phase: DB-624

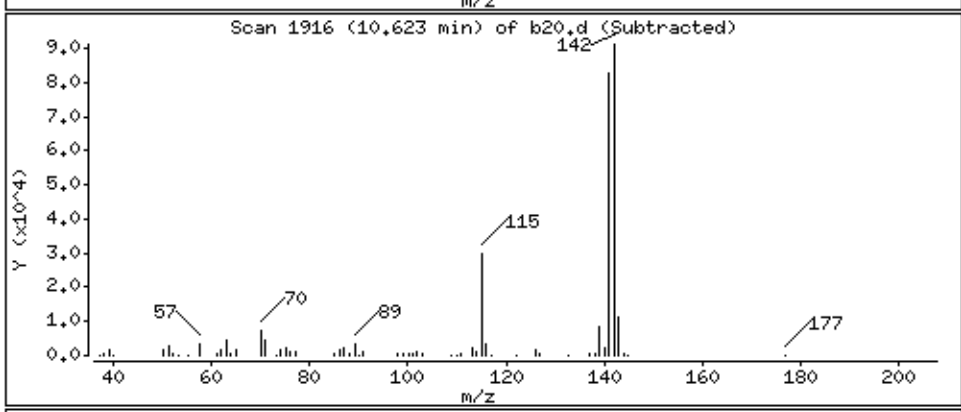
Column diameter: 0.18

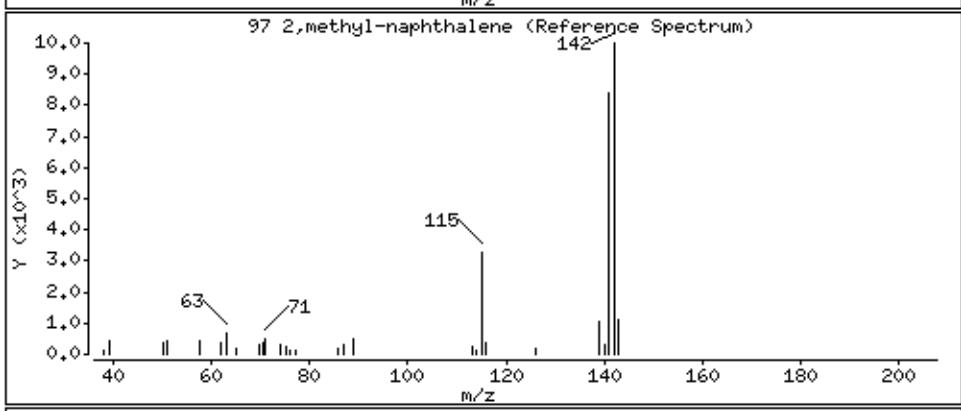
97 2,methyl-naphthalene

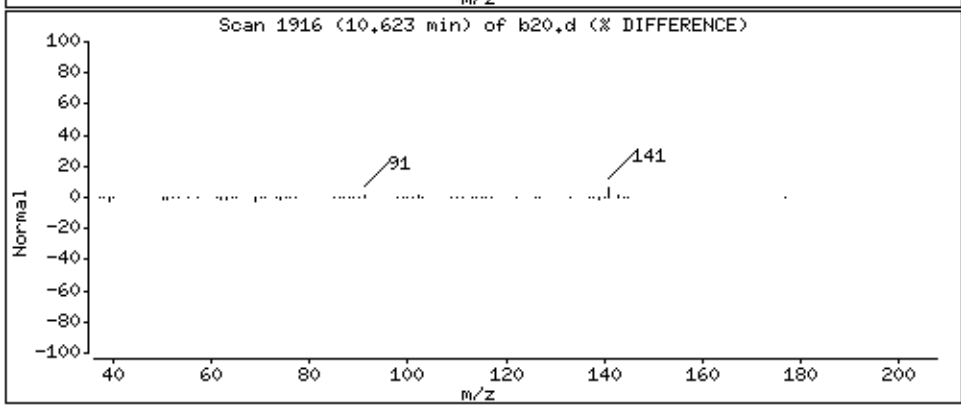
Concentration: 44.8 ppb

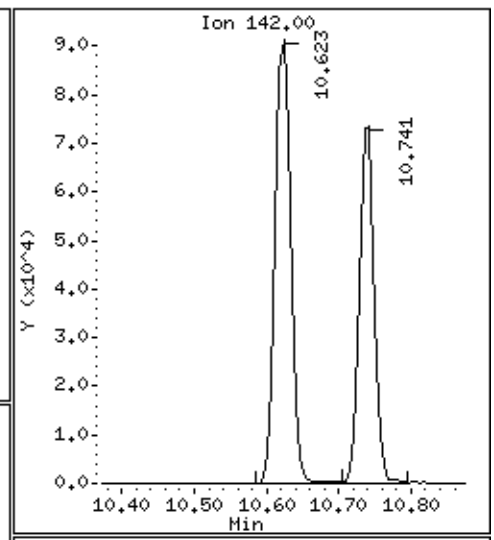
Review Code:

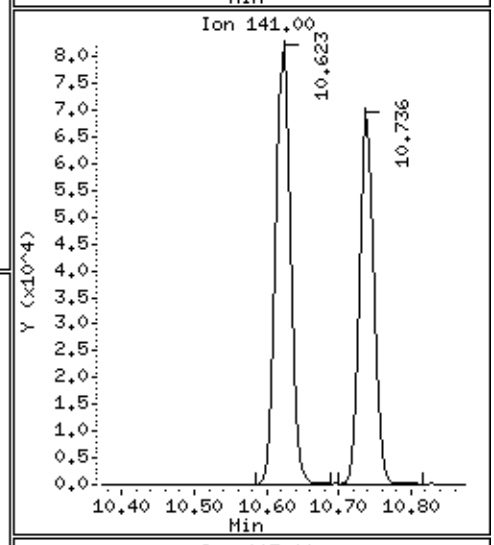


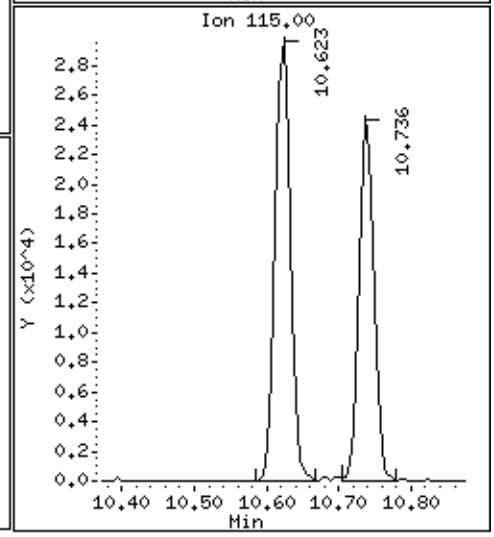












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

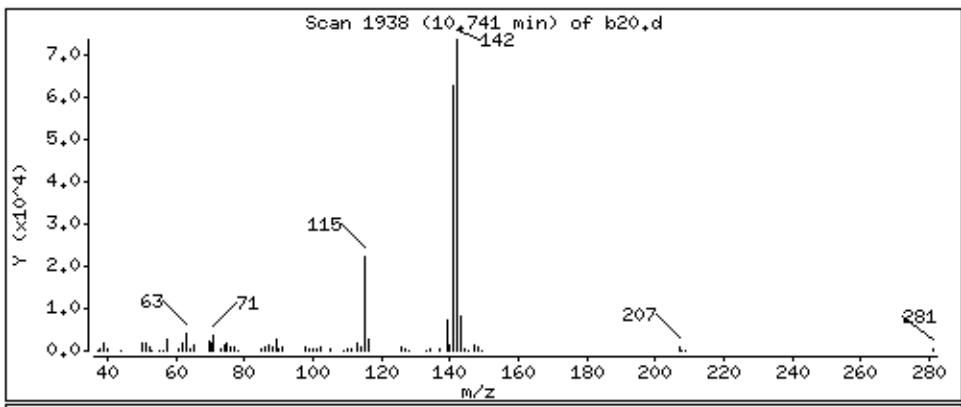
Column phase: DB-624

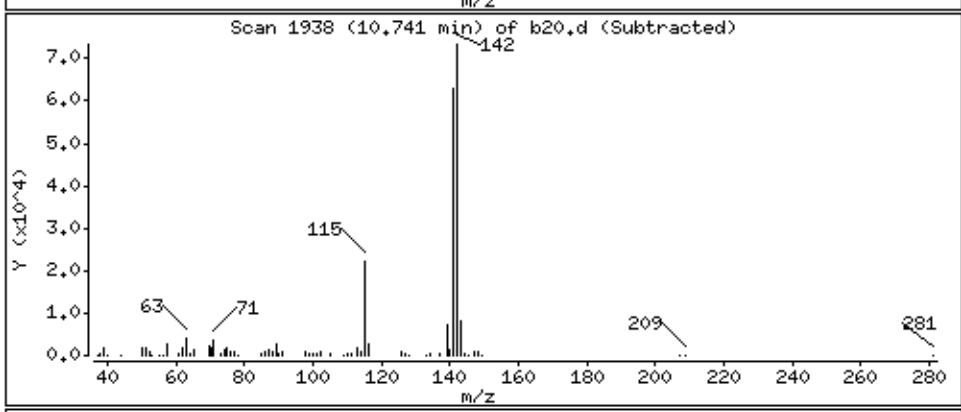
Column diameter: 0.18

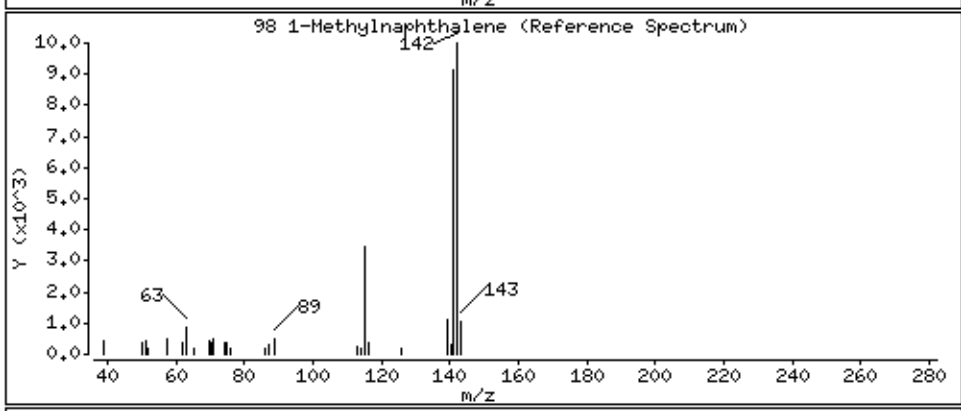
98 1-Methylnaphthalene

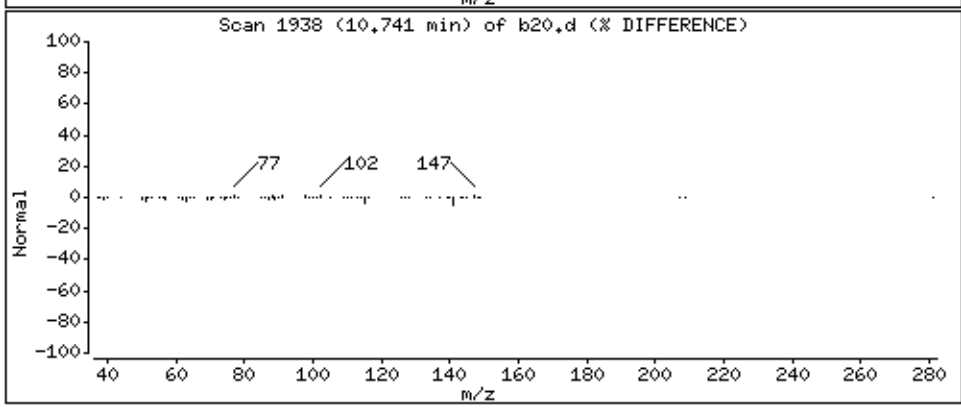
Concentration: 47.9 ppb

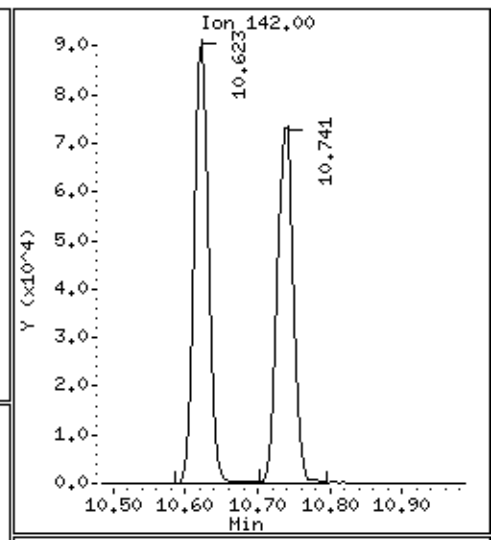
Review Code:

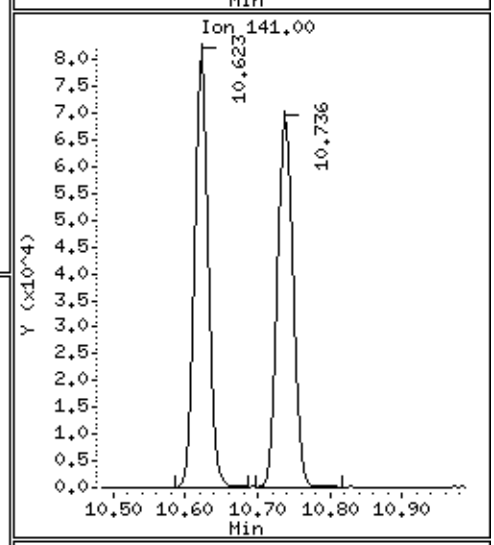


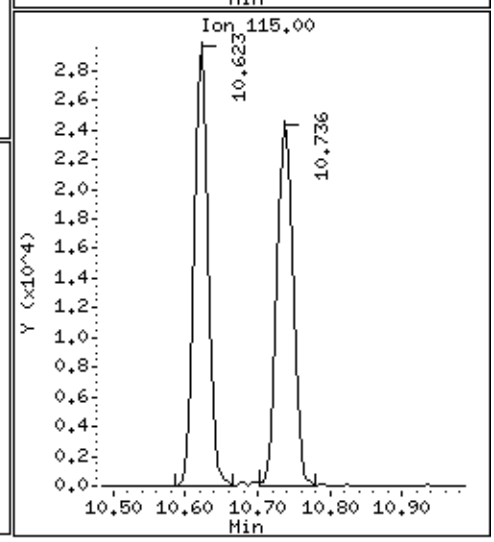












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

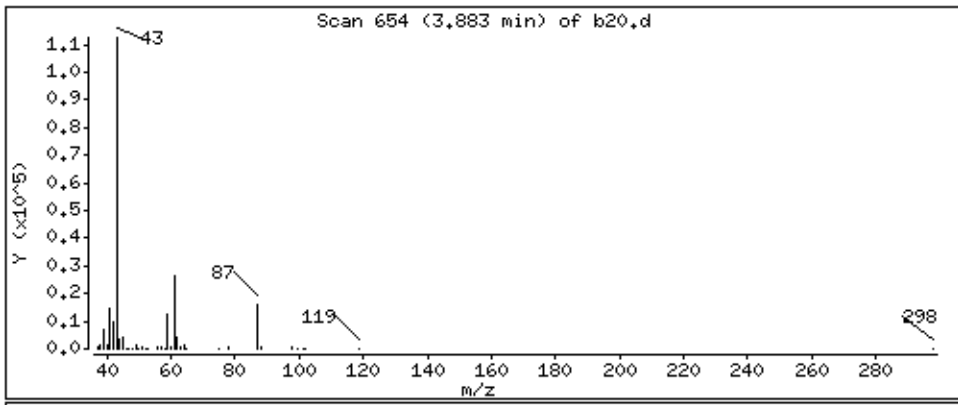
Column phase: DB-624

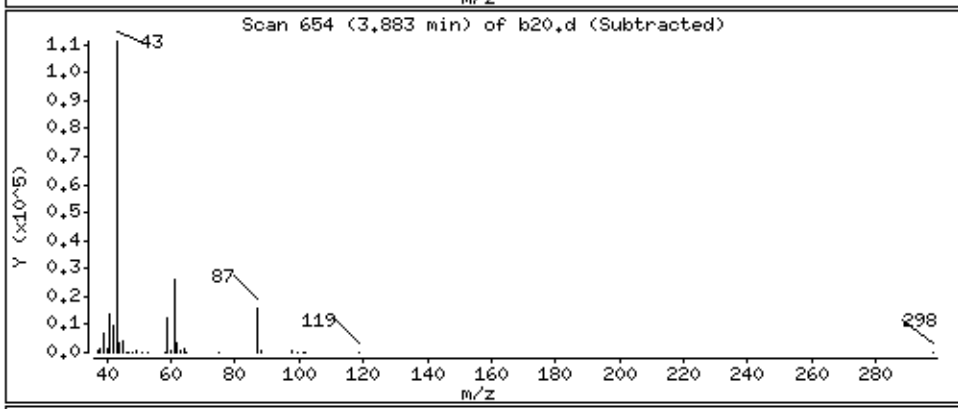
Column diameter: 0.18

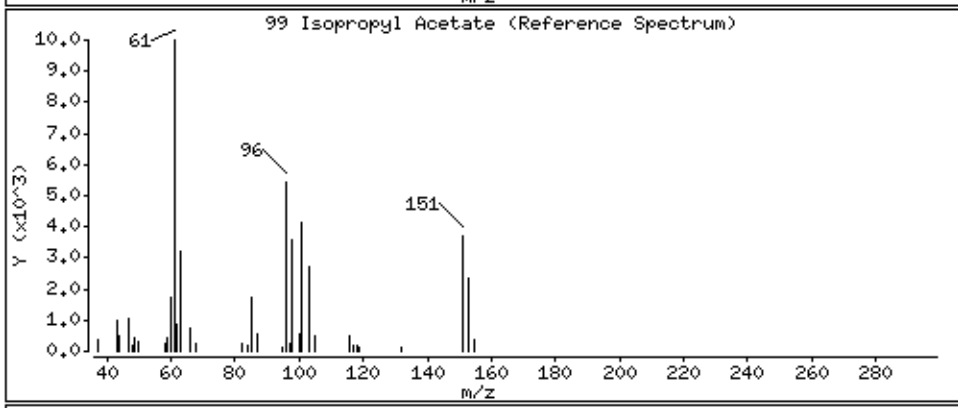
99 Isopropyl Acetate

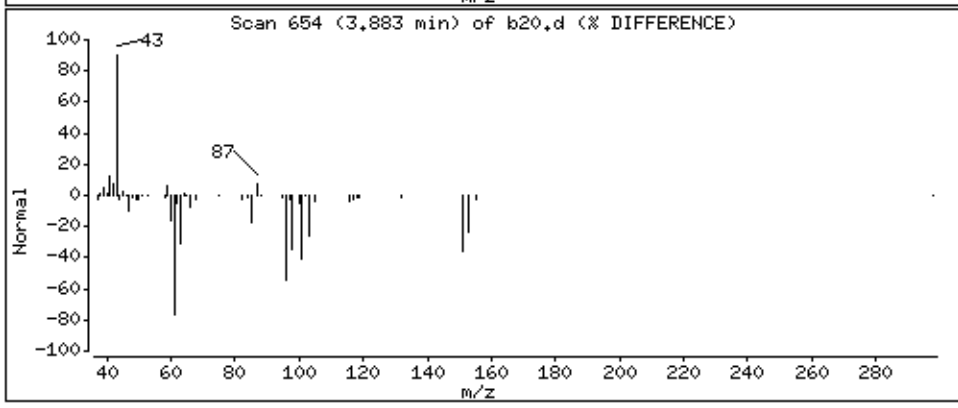
Concentration: 226 ppb

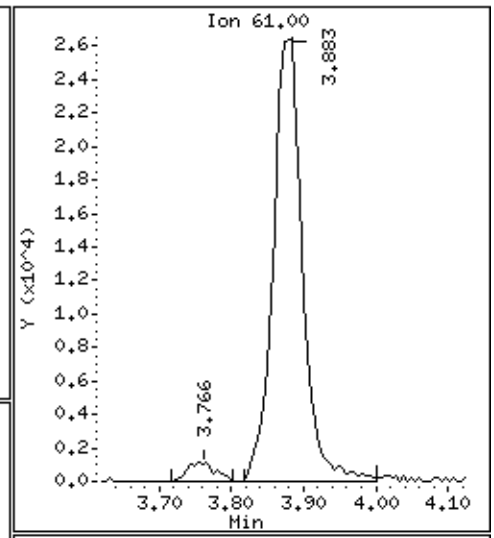
Review Code:

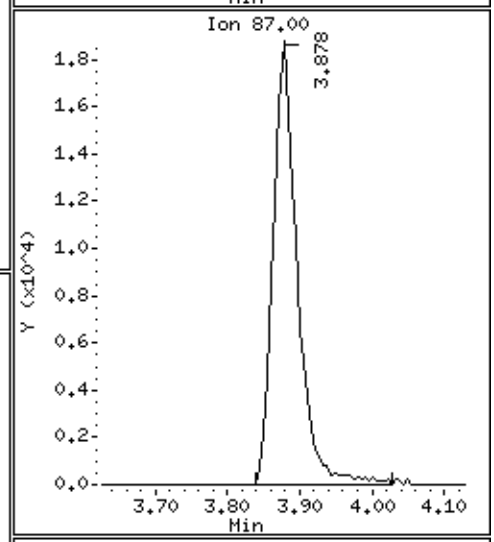


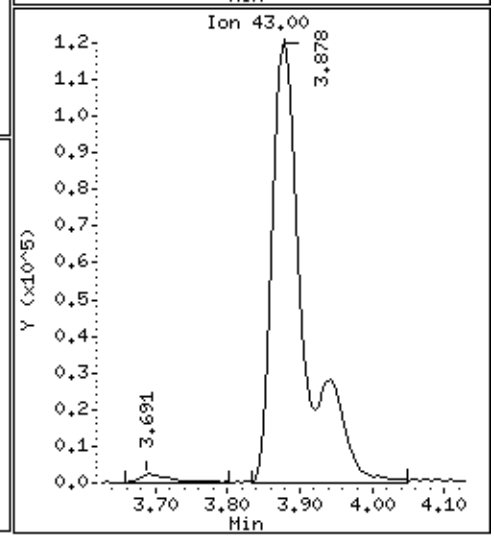












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b20.d

Date : 10-OCT-2017 22:00

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884800,159793:5

Purge Volume: 5.0

Operator: jlz

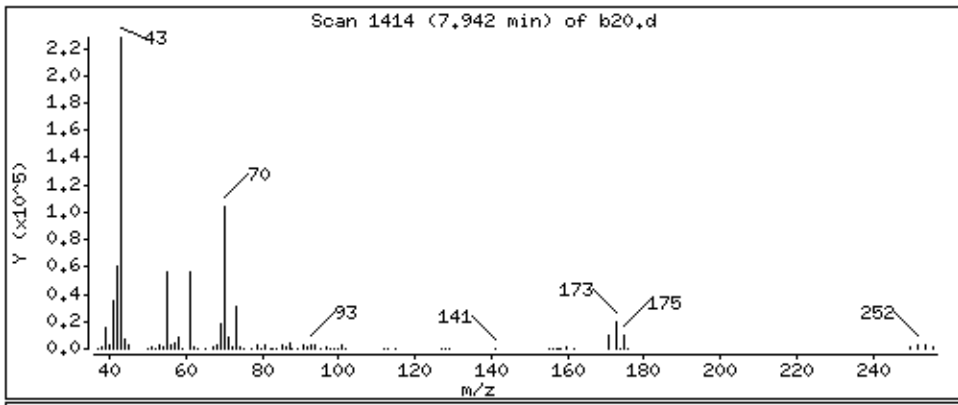
Column phase: DB-624

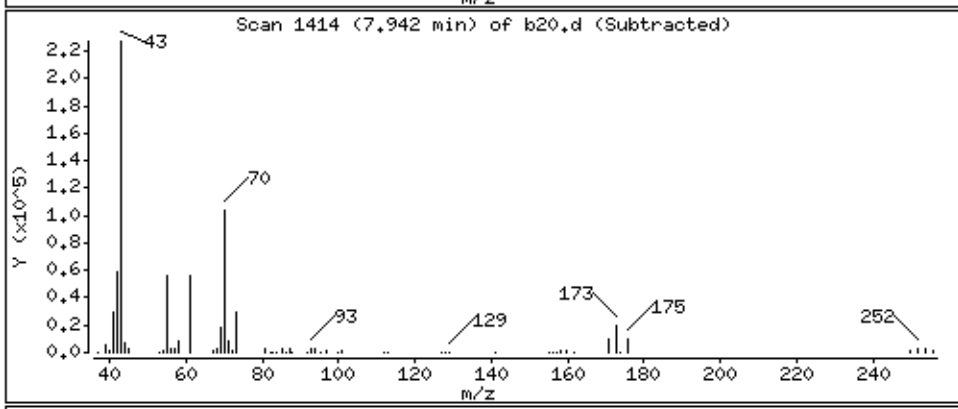
Column diameter: 0.18

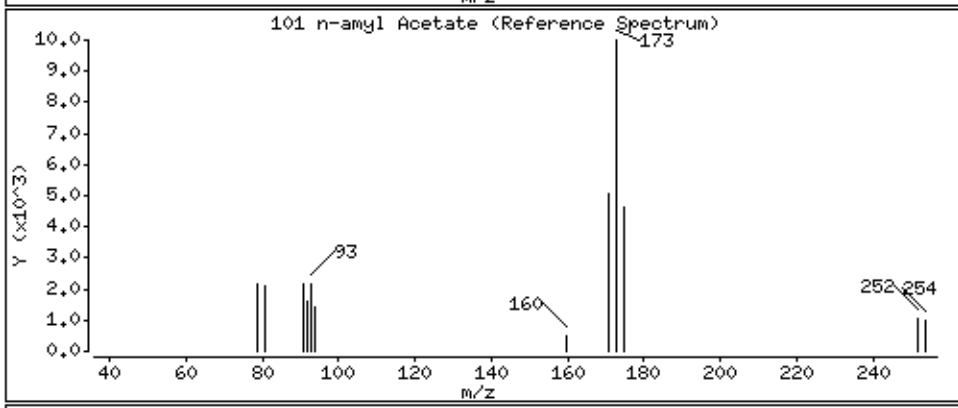
101 n-amyl Acetate

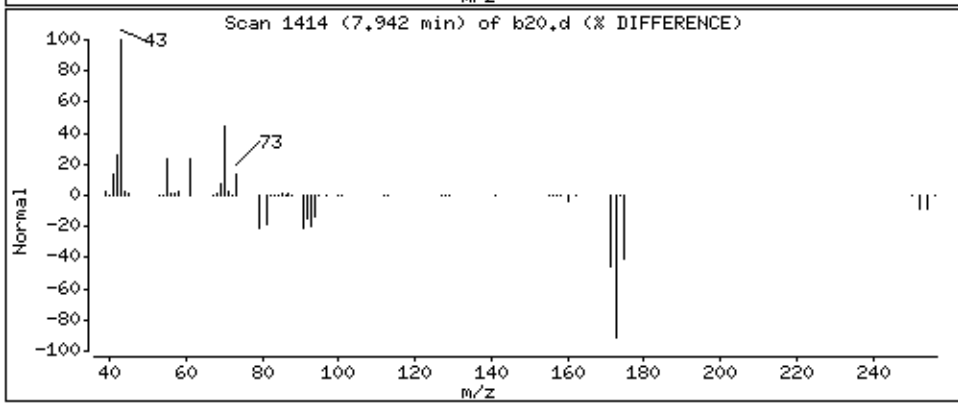
Concentration: 31.3 ppb

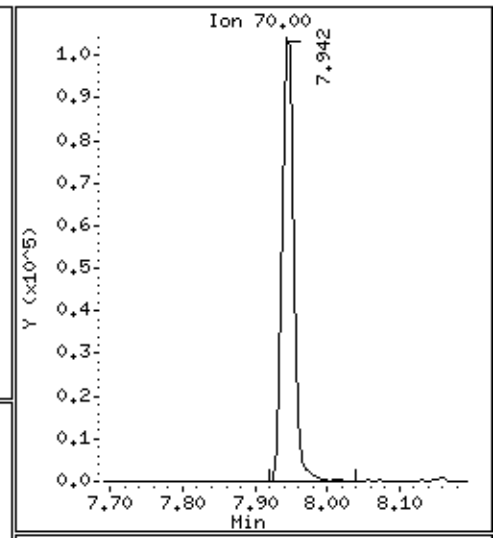
Review Code:

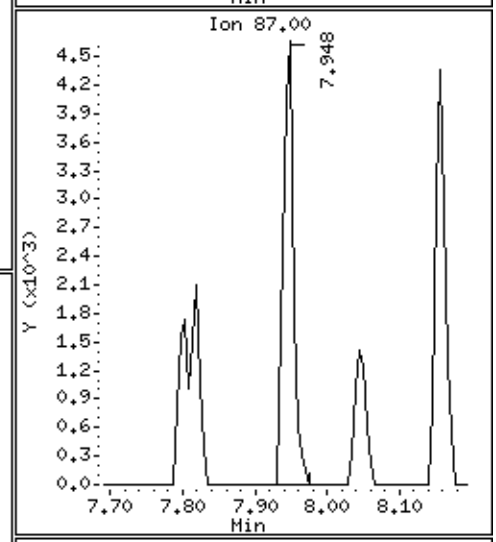


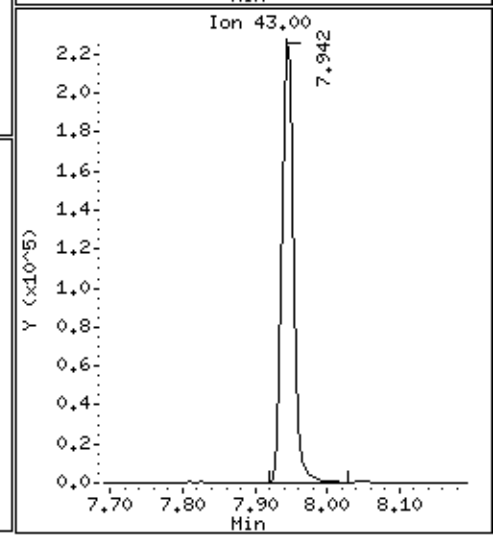












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b20.d
Injection Date: 10-OCT-2017 22:00
Instrument: 50mv3b.i
Lab Sample ID: 1884800
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MSD

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 22:32 Lab Sample ID: 1884801

Date Analyzed: 10/10/2017 22:32 Lab File ID: B101017.B\B21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	219	
71-43-2	Benzene	52.1	
75-27-4	Bromodichloromethane	48.8	
75-25-2	Bromoform	44.1	
74-83-9	Bromomethane	42.3	
78-93-3	2-Butanone (MEK)	288	
75-15-0	Carbon disulfide	42.6	
56-23-5	Carbon tetrachloride	46.9	
108-90-7	Chlorobenzene	50.4	
75-00-3	Chloroethane	39.7	
67-66-3	Chloroform	47.2	
74-87-3	Chloromethane	35.1	
110-82-7	Cyclohexane	43.1	J
96-12-8	1,2-Dibromo-3-chloropropane	50.5	
124-48-1	Dibromochloromethane	50.6	
106-93-4	1,2-Dibromoethane (EDB)	51.6	
95-50-1	1,2-Dichlorobenzene	51.1	
541-73-1	1,3-Dichlorobenzene	49.0	
106-46-7	1,4-Dichlorobenzene	46.7	
75-71-8	Dichlorodifluoromethane	31.5	
75-34-3	1,1-Dichloroethane	47.0	
107-06-2	1,2-Dichloroethane	42.8	
75-35-4	1,1-Dichloroethene	48.3	
156-59-2	cis-1,2-Dichloroethene	49.0	
156-60-5	trans-1,2-Dichloroethene	48.7	
78-87-5	1,2-Dichloropropane	51.4	
10061-01-5	cis-1,3-Dichloropropene	47.3	
10061-02-6	trans-1,3-Dichloropropene	45.9	
100-41-4	Ethylbenzene	46.7	
591-78-6	2-Hexanone	249	
98-82-8	Isopropylbenzene (Cumene)	50.1	
79-20-9	Methyl acetate	81.5	
108-87-2	Methylcyclohexane	45.5	J
75-09-2	Methylene Chloride	59.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	236	
1634-04-4	Methyl-tert-butyl ether	46.1	
100-42-5	Styrene	45.8	

SAMPLE NO.

MSD

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Kokomo Racer

Date Received: 09/28/2017 07:50 Matrix: Water SDG No.: 50180760

Date Extracted: 10/10/2017 22:32 Lab Sample ID: 1884801

Date Analyzed: 10/10/2017 22:32 Lab File ID: B101017.B\B21.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV3B Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	48.1	
127-18-4	Tetrachloroethene	51.0	
108-88-3	Toluene	49.1	
120-82-1	1,2,4-Trichlorobenzene	46.9	
71-55-6	1,1,1-Trichloroethane	44.7	
79-00-5	1,1,2-Trichloroethane	46.1	
79-01-6	Trichloroethene	48.5	
75-69-4	Trichlorofluoromethane	46.5	
76-13-1	1,1,2-Trichlorotrifluoroethane	46.0	
75-01-4	Vinyl chloride	40.4	
1330-20-7	Xylene (Total)	143	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d
Lab Smp Id: 1884801 Client Smp ID: MW-0602-S1 (092717)
Inj Date : 10-OCT-2017 22:32
Operator : jlz Inst ID: 50mv3b.i
Smp Info : 1884801,159793:5
Misc Info : 107443
Comment :
Method : \\192.168.50.6\chem\50mv3b.i\b101017.b\-b8260_a_c.m
Meth Date : 11-Oct-2017 10:17 50mv3b.i Quant Type: ISTD
Cal Date : 23-AUG-2017 16:33 Cal File: b08cal.d
Als bottle: 44 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	0.917	0.920	(0.220)	71205	31.5361	31.5	
2 Chloromethane	50	0.997	1.000	(0.239)	96412	35.0837	35.1	
3 Vinyl Chloride	62	1.045	1.048	(0.251)	113023	40.3623	40.4	
4 Bromomethane	94	1.189	1.192	(0.286)	51589	42.3142	42.3	
5 Chloroethane	64	1.237	1.235	(0.297)	69218	39.7231	39.7	
6 Trichlorofluoromethane	101	1.350	1.352	(0.324)	143660	46.4720	46.5	
7 Diethyl ether	74	1.472	1.475	(0.354)	40534	47.9011	47.9	
8 1,2-dichlorotrifluoroethane	67	1.488	1.491	(0.357)	117780	43.1905	43.2	
9 Acrolein	56	1.542	1.545	(0.370)	159641	1082.53	1080	
10 1,1,2trichlorotrifluoroethane	101	1.595	1.598	(0.383)	102330	46.0244	46.0	
11 1,1-Dichloroethene	96	1.601	1.603	(0.384)	85610	48.2519	48.2	
12 Acetone	43	1.611	1.609	(0.387)	58626	218.535	218	
13 Iodomethane	142	1.686	1.689	(0.405)	210790	105.231	105	
14 Carbon Disulfide	76	1.734	1.737	(0.416)	271612	42.5666	42.6	
15 Methyl Acetate	43	1.777	1.780	(0.427)	57921	81.5397	81.5	
16 allyl chloride	41	1.793	1.796	(0.431)	265287	96.0342	96.0	
17 Acetonitrile	39	1.793	1.796	(0.431)	167309	40.5304	40.5	
18 Methylene Chloride	84	1.868	1.870	(0.449)	96286	58.9766	59.0	
19 tert-Butyl Alcohol	59	1.916	1.913	(0.460)	10335	91.3904	91.4(Q)	
20 Acrylonitrile	53	2.001	2.004	(0.481)	58806	193.041	193	
21 Methyl-tert-butyl ether	73	2.033	2.031	(0.488)	177630	46.1142	46.1	
22 1,2-Dichloroethene (trans)	96	2.044	2.041	(0.491)	95035	48.6814	48.7	
23 n-Hexane	57	2.225	2.228	(0.534)	168724	44.7101	44.7	

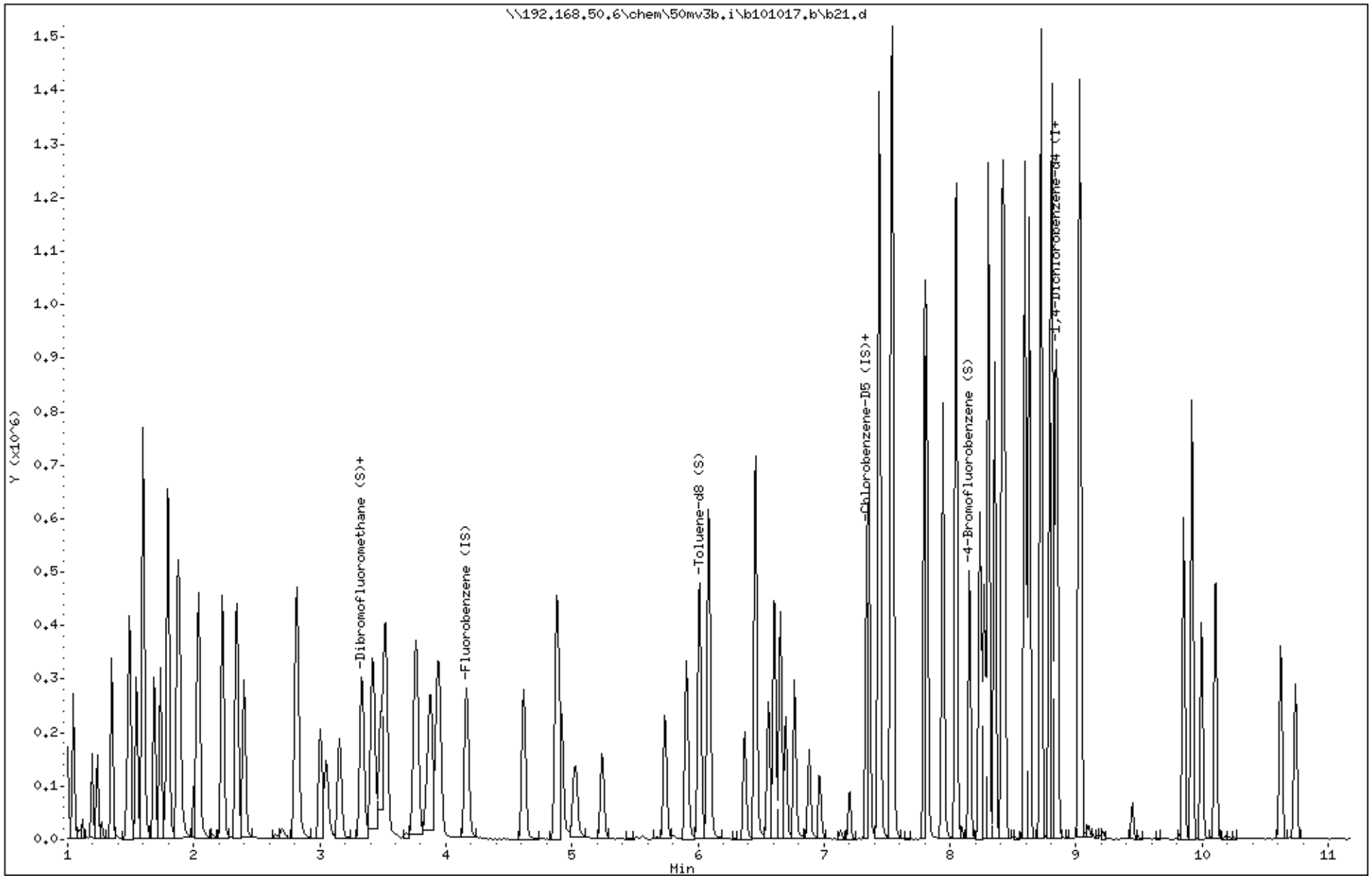
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ppb)	REVIEW C
	24 Vinyl Acetate	43	2.332	2.335	(0.560)	344995	148.775	149	
	25 1,1-Dichloroethane	63	2.343	2.346	(0.563)	160483	47.0292	47.0	
	26 Chloroprene	53	2.402	2.399	(0.577)	139632	41.7475	41.7	
	27 2-Butanone	72	2.797	2.805	(0.672)	24843	288.211	288(Q)	
	28 1,2-Dichloroethene (cis)	96	2.818	2.816	(0.677)	100449	48.9779	49.0(Q)	
	29 2,2-Dichloropropane	77	2.824	2.821	(0.678)	132285	41.8414	41.8	
	31 Methacrylonitrile	41	3.005	3.008	(0.722)	113843	212.801	213	
	32 Bromochloromethane	49	3.048	3.051	(0.732)	57765	47.7664	47.8	
	33 Tetrahydrofuran	42	3.075	3.077	(0.738)	11796	45.0439	45.0	
	34 Chloroform	83	3.160	3.158	(0.759)	155011	47.2455	47.2	
$	35 Dibromofluoromethane (S)	113	3.331	3.334	(0.800)	67438	46.7147	46.7	
	36 1,1,1-Trichloroethane	97	3.331	3.334	(0.800)	148183	44.7455	44.7	
	37 Cyclohexane	56	3.417	3.419	(0.820)	179486	43.1175	43.1	
	151 n-Butyl chloride	56	3.481	3.478	(0.836)	201557	46.9650	47.0	
	38 Carbon Tetrachloride	117	3.518	3.515	(0.845)	132985	46.8849	46.9	
	39 1,1-Dichloropropene	75	3.523	3.526	(0.846)	138625	48.2696	48.3	
	40 Benzene	78	3.764	3.761	(0.904)	381288	52.1465	52.1	
	41 1,2-Dichloroethane	62	3.849	3.847	(0.924)	80066	42.8374	42.8	
	42 Isobutyl alcohol	43	3.876	3.879	(0.931)	395717	50.5942	50.6	
	43 2,2,4-Trimethylpentane	57	3.945	3.943	(0.947)	415775	48.5206	48.5	
*	44 Fluorobenzene (IS)	96	4.164	4.162	(1.000)	299768	50.0000		
	45 Trichloroethene	95	4.613	4.610	(1.108)	97898	48.4916	48.5	
	46 Methylcyclohexane	55	4.880	4.877	(1.172)	148950	45.4633	45.5	
	47 1,2-Dichloropropane	63	4.917	4.915	(1.181)	88692	51.3594	51.4	
	48 Methyl methacrylate	69	5.035	5.032	(1.209)	34943	51.1873	51.2	
	49 Dibromomethane	93	5.013	5.016	(1.204)	36360	49.4620	49.5	
	50 1,4-Dioxane	88	5.030	5.027	(1.208)	8786	911.991	912	
	51 Bromodichloromethane	83	5.238	5.241	(1.258)	105777	48.8417	48.8	
	53 cis-1,3-Dichloropropene	75	5.735	5.737	(0.782)	125181	47.3284	47.3	
	54 4-Methyl-2-Pentanone	43	5.911	5.908	(0.806)	211191	235.999	236	
$	55 Toluene-d8 (S)	98	6.012	6.010	(0.819)	302233	49.1196	49.1	
	56 Toluene	91	6.082	6.084	(0.829)	432071	49.0649	49.1	
	57 trans-1,3-Dichloropropene	75	6.370	6.368	(0.868)	96523	45.9362	45.9	
	58 Ethyl Methacrylate	69	6.456	6.458	(0.880)	318234	202.009	202	
	59 1,1,2-Trichloroethane	83	6.557	6.554	(0.894)	47236	46.1035	46.1	
	60 Tetrachloroethene	166	6.610	6.608	(0.901)	116710	51.0062	51.0	
	61 1,3-Dichloropropane	76	6.696	6.693	(0.913)	102246	52.4706	52.5	
	62 2-Hexanone	43	6.765	6.768	(0.922)	144163	248.686	249	
	63 Dibromochloromethane	129	6.883	6.880	(0.938)	72102	50.5785	50.6	
	64 1,2-Dibromoethane	107	6.963	6.966	(0.949)	56601	51.6182	51.6	
*	65 Chlorobenzene-D5 (IS)	117	7.337	7.334	(1.000)	233102	50.0000		
	66 Chlorobenzene	112	7.358	7.356	(1.003)	263448	50.4245	50.4	
	67 1,1,1,2-Tetrachloroethane	131	7.433	7.436	(1.013)	87384	49.2863	49.3	
	68 Ethylbenzene	106	7.438	7.441	(1.014)	166644	46.7451	46.7	
	69 m&p-Xylene	106	7.540	7.537	(1.028)	406912	94.3698	94.4	
	70 o-Xylene	106	7.802	7.799	(1.063)	189735	48.1661	48.2	
	71 Styrene	104	7.818	7.815	(1.065)	305798	45.8033	45.8	
	72 Bromoform	173	7.935	7.932	(0.898)	36479	44.0703	44.1	
	73 Isopropylbenzene	105	8.047	8.045	(1.097)	559345	50.1190	50.1	
$	74 4-Bromofluorobenzene (S)	95	8.154	8.157	(1.111)	109297	47.2779	47.3	
	75 Bromobenzene	77	8.234	8.232	(1.122)	157772	46.5725	46.6	
	76 1,1,2,2-Tetrachloroethane	83	8.250	8.248	(0.934)	66541	48.1087	48.1	
	77 trans-1,4-Dichloro-2-butene	53	8.266	8.269	(1.127)	51123	155.789	156(Q)	
	78 1,2,3-Trichloropropane	110	8.277	8.274	(0.937)	20574	50.8567	50.8(Q)	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ppb)	REVIEW C
79	n-Propylbenzene	91	8.304	8.301	(0.940)	614671	45.8907	45.9	
80	2-Chlorotoluene	91	8.352	8.354	(0.946)	334824	44.2468	44.2	
81	1,3,5-Trimethylbenzene	105	8.410	8.413	(0.952)	428028	45.7735	45.8	
82	4-Chlorotoluene	126	8.426	8.429	(0.954)	116625	47.7484	47.7	
83	tert-Butylbenzene	119	8.592	8.595	(0.973)	423189	38.9960	39.0	
84	1,2,4-Trimethylbenzene	105	8.629	8.627	(0.977)	434309	45.6970	45.7	
85	sec-Butylbenzene	105	8.720	8.718	(0.987)	635065	47.5233	47.5	
86	1,3-Dichlorobenzene	146	8.790	8.787	(0.995)	224508	49.0060	49.0	
87	p-Isopropyltoluene	119	8.806	8.803	(0.997)	512382	47.2839	47.3	
* 88	1,4-Dichlorobenzene-d4 (IS)	152	8.832	8.835	(1.000)	122332	50.0000		
89	1,4-Dichlorobenzene	146	8.848	8.846	(1.002)	217990	46.6670	46.7	
90	n-Butylbenzene	91	9.025	9.022	(1.022)	445634	44.2337	44.2	
91	1,2-Dichlorobenzene	146	9.035	9.038	(1.023)	199156	51.1253	51.1	
92	1,2-Dibromo-3-chloropropane	155	9.447	9.444	(1.070)	10860	50.5461	50.5	
93	1,2,4-Trichlorobenzene	180	9.852	9.850	(1.115)	137424	46.8752	46.9	
94	Hexachlorobutadiene	225	9.917	9.919	(1.123)	110982	50.6053	50.6	
95	Naphthalene	128	9.991	9.994	(1.131)	248265	49.7026	49.7	
96	1,2,3-Trichlorobenzene	180	10.109	10.106	(1.145)	122094	49.8719	49.9	
97	2,methyl-naphthalene	142	10.622	10.624	(1.203)	153035	53.6624	53.7	
98	1-Methylnaphthalene	142	10.739	10.736	(1.216)	126494	57.2720	57.3	
99	Isopropyl Acetate	61	3.876	3.873	(0.931)	75990	242.899	243(Q)	
100	Ethyl Acetate	88	2.829	2.842	(0.679)	1166	40.8224	40.8(Q)	
101	n-amyl Acetate	70	7.946	7.943	(1.908)	118652	34.7674	34.8	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d
Date : 10-OCT-2017 22:32
Client ID: MW-0602-S1 (092717)
Instrument: 50mv3b.i
Sample Info: 1884801,159793:5
Purge Volume: 5.0
Operator: jlz
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

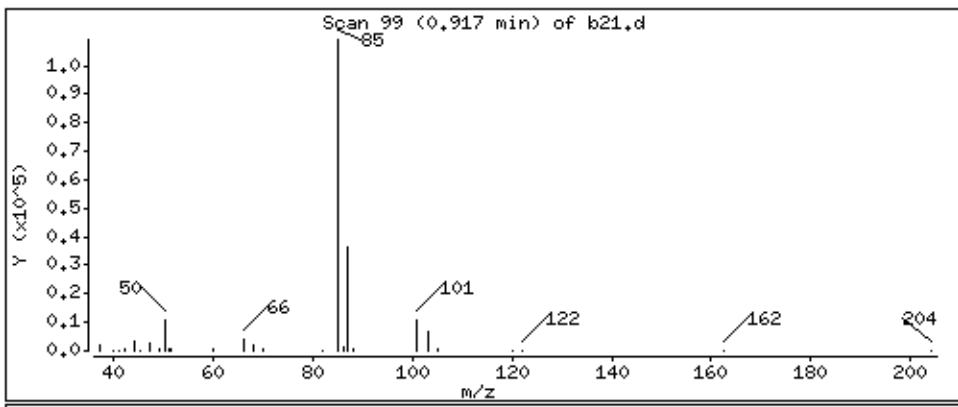
Column phase: DB-624

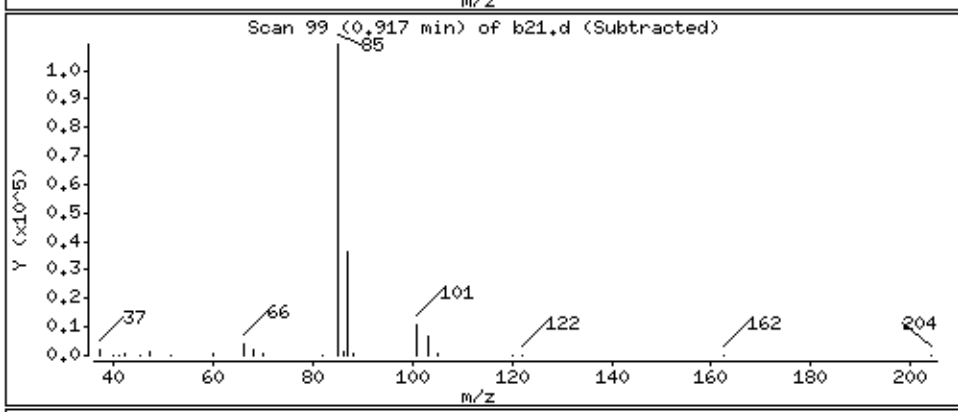
Column diameter: 0.18

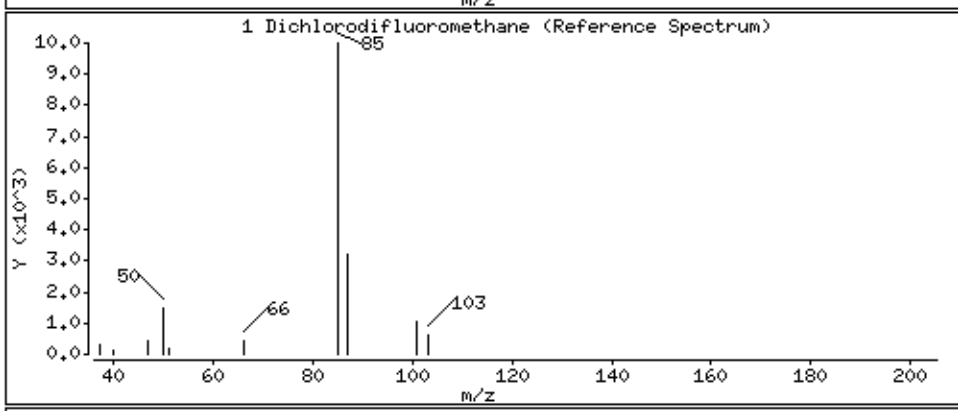
1 Dichlorodifluoromethane

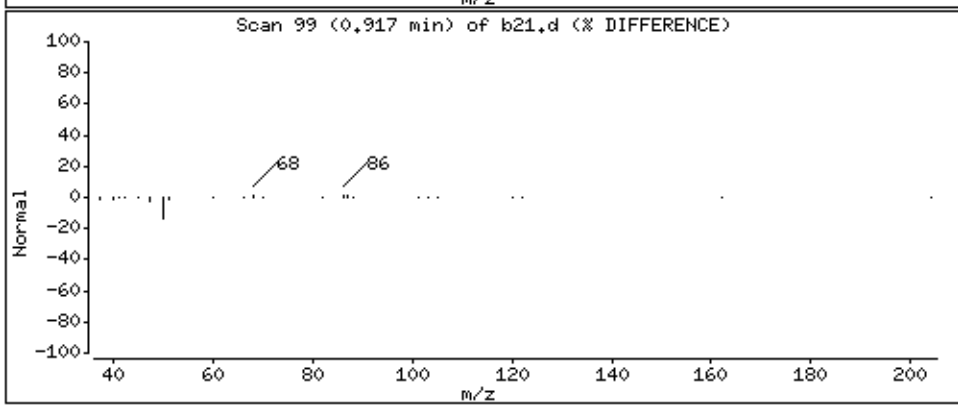
Concentration: 31.5 ppb

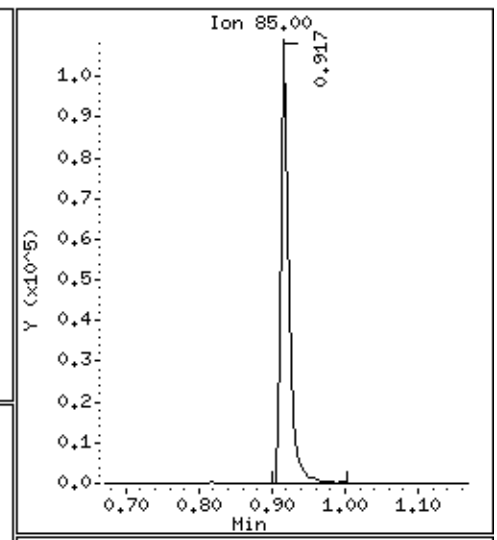
Review Code:

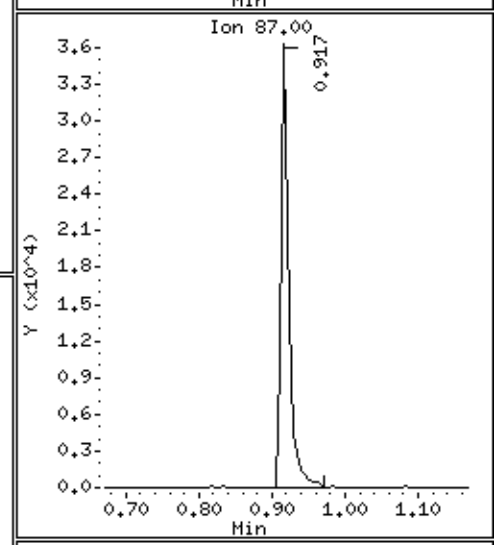


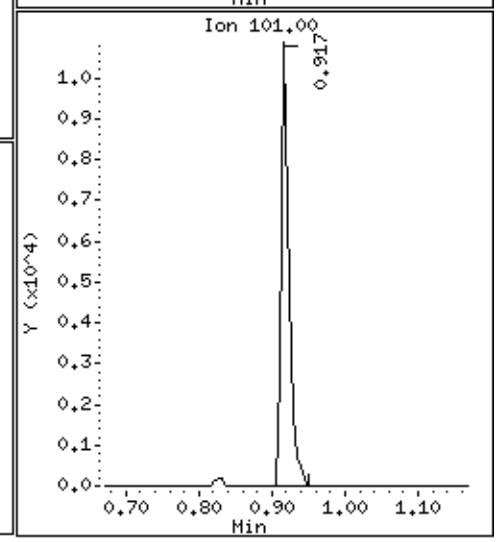












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

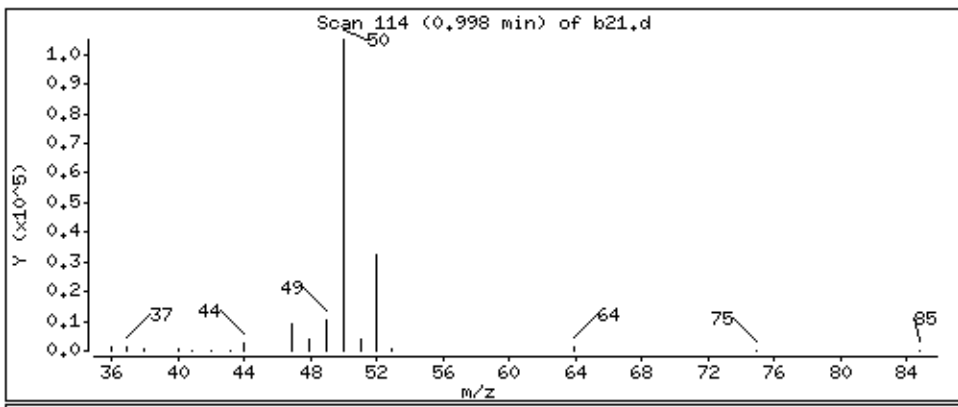
Column phase: DB-624

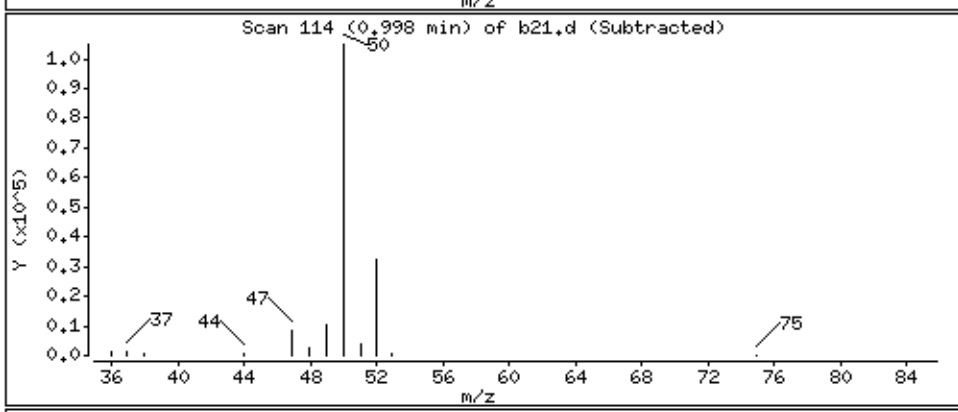
Column diameter: 0.18

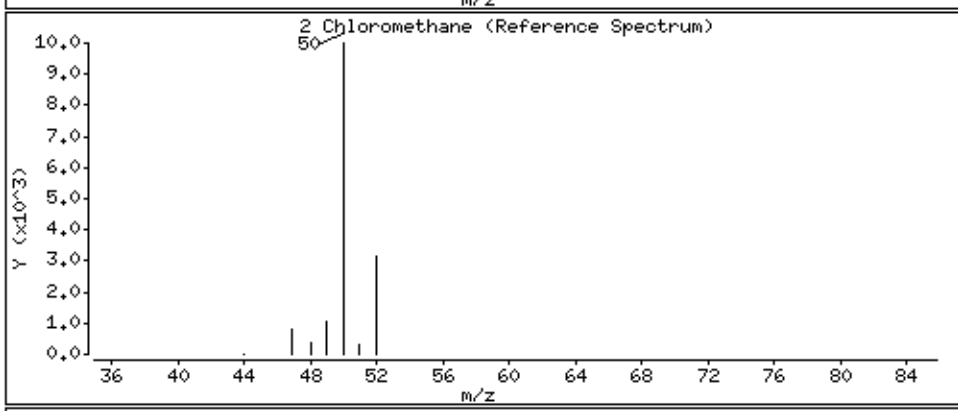
2 Chloromethane

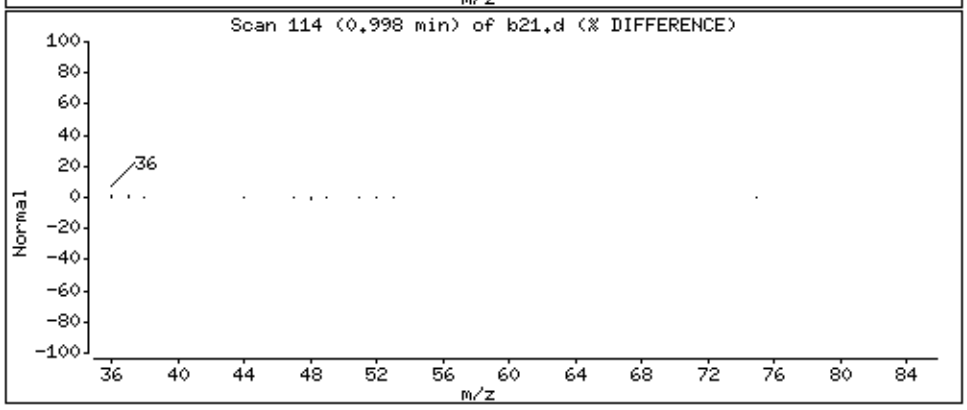
Concentration: 35.1 ppb

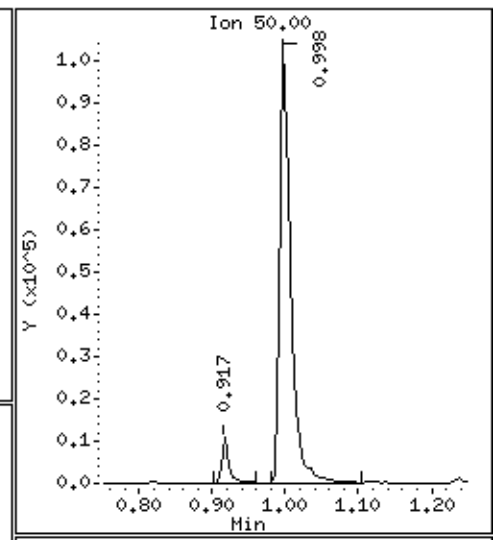
Review Code:

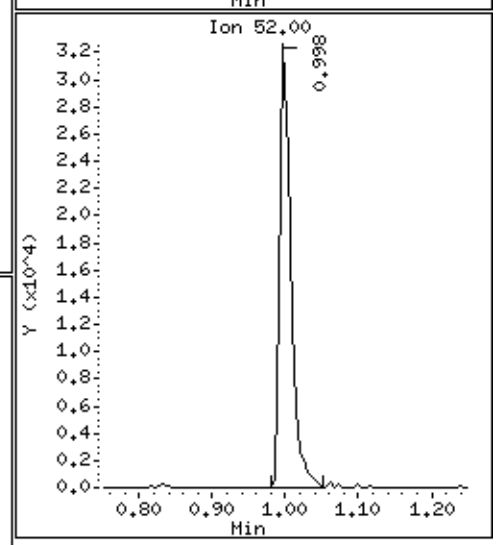












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

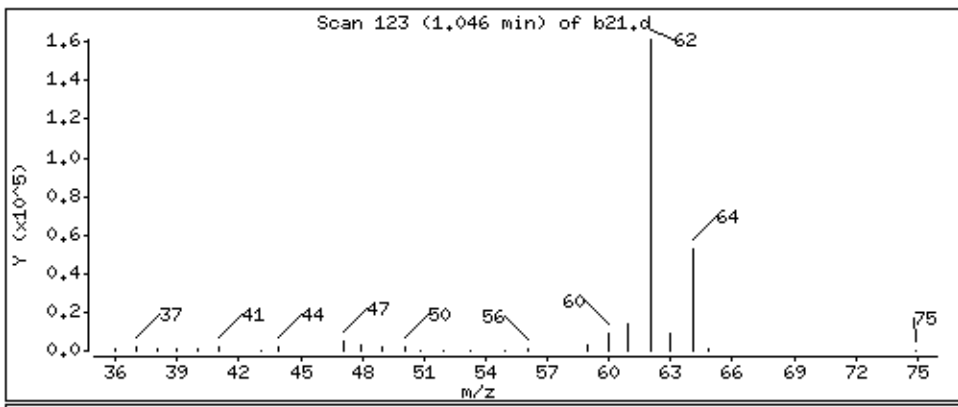
Column phase: DB-624

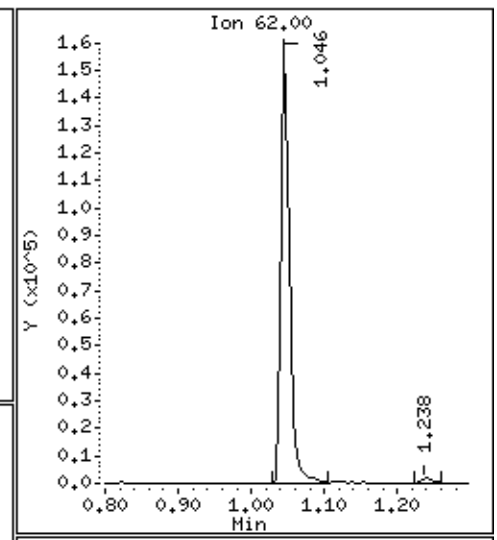
Column diameter: 0.18

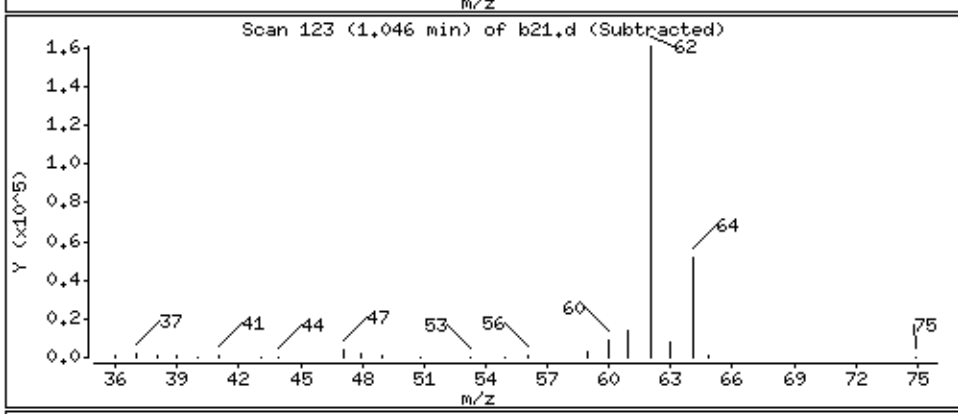
3 Vinyl Chloride

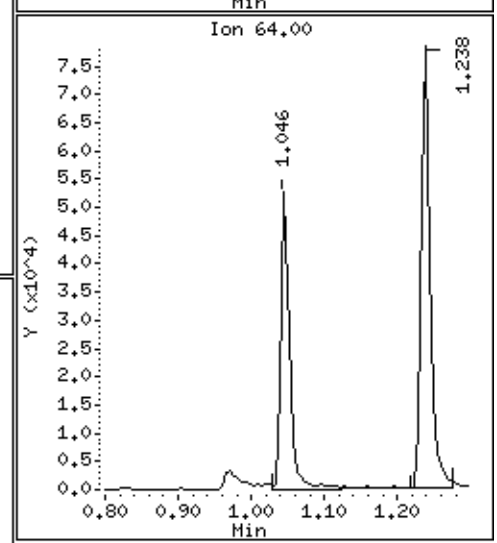
Concentration: 40.4 ppb

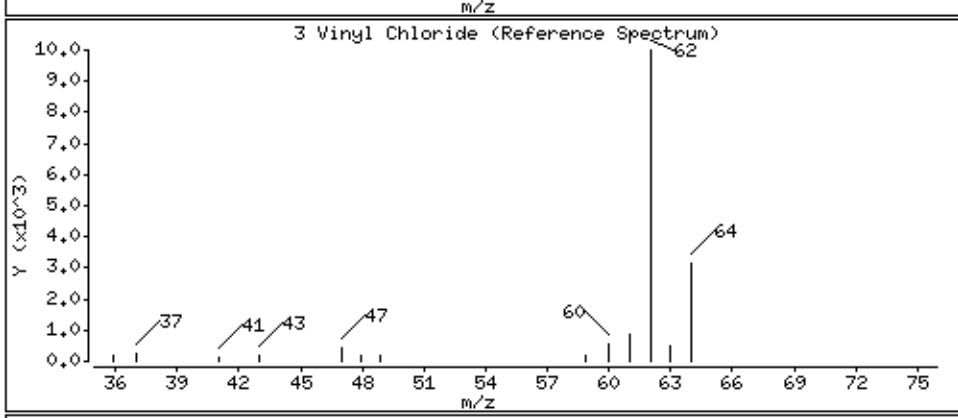
Review Code:

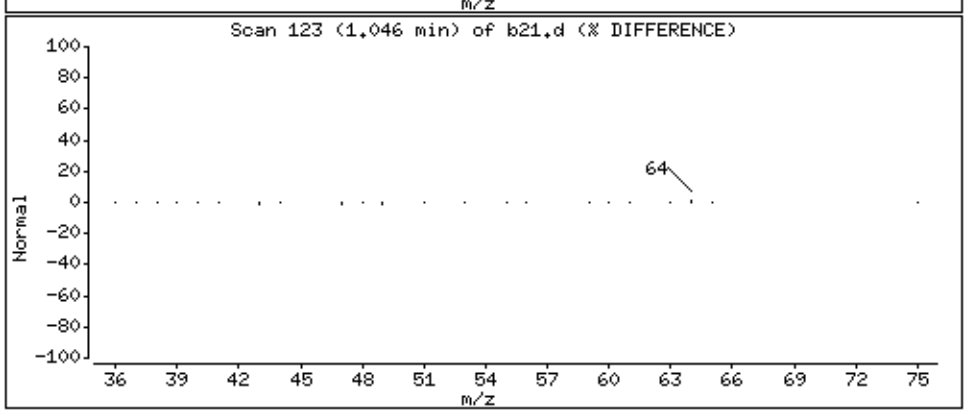












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

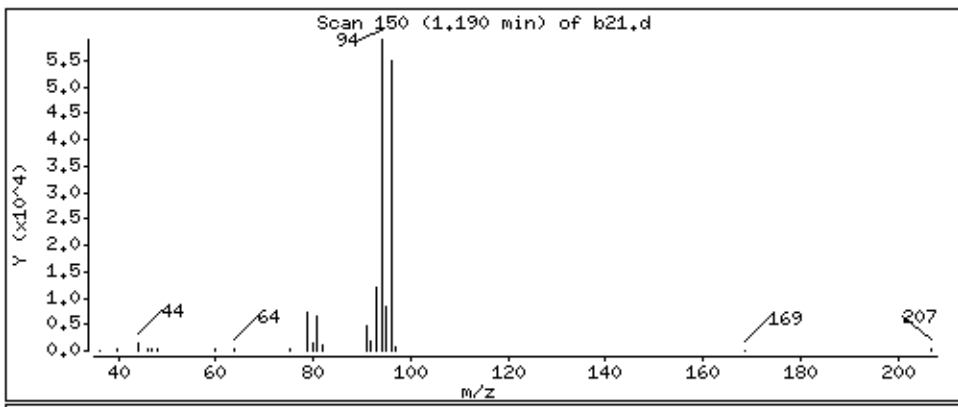
Column phase: DB-624

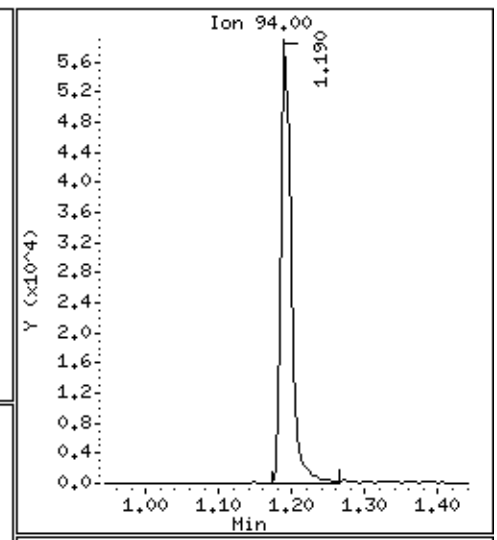
Column diameter: 0.18

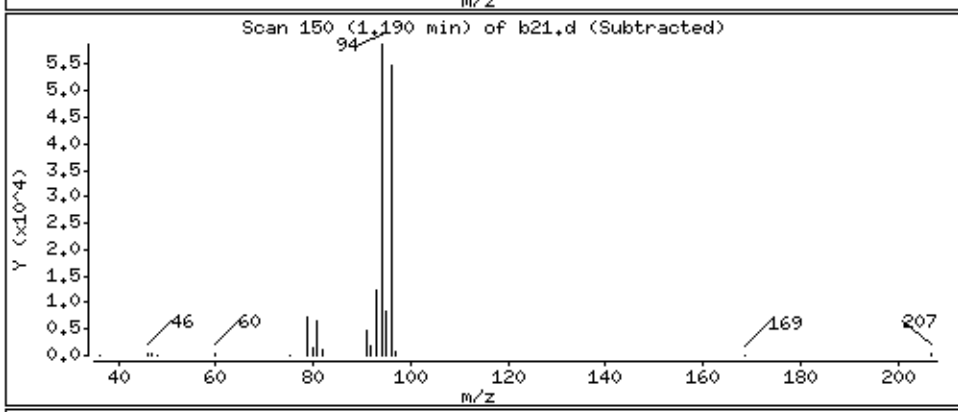
4 Bromomethane

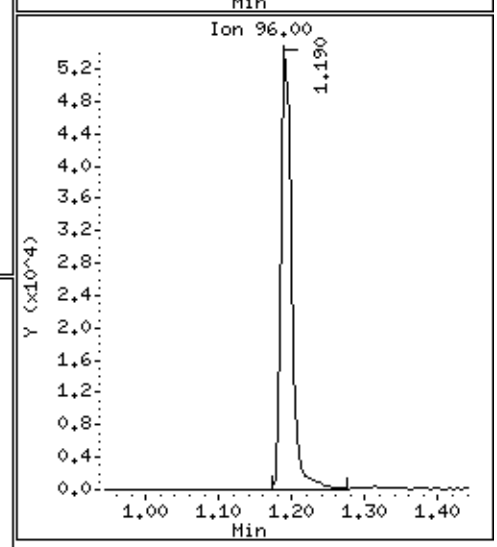
Concentration: 42.3 ppb

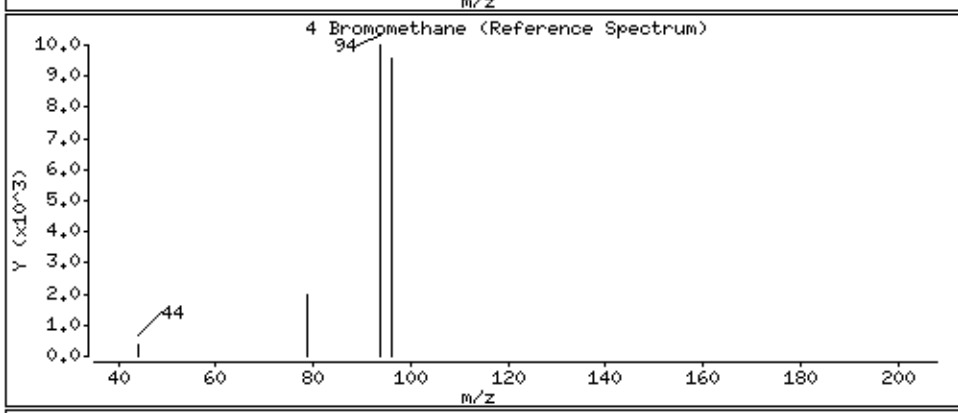
Review Code:

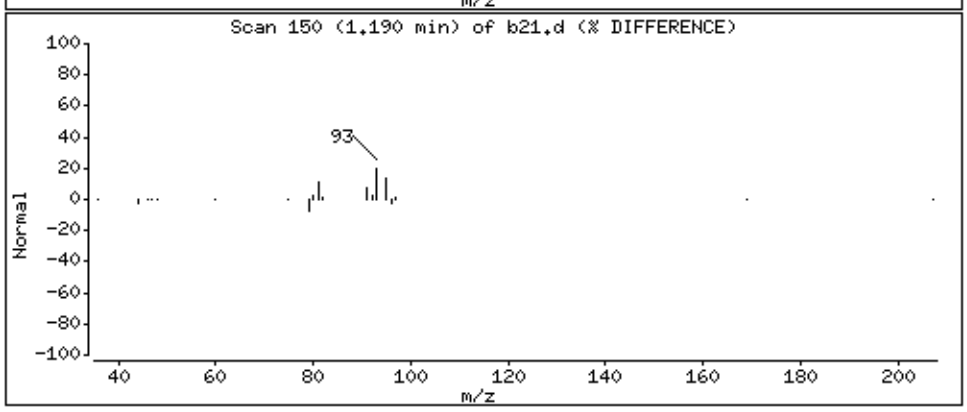












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

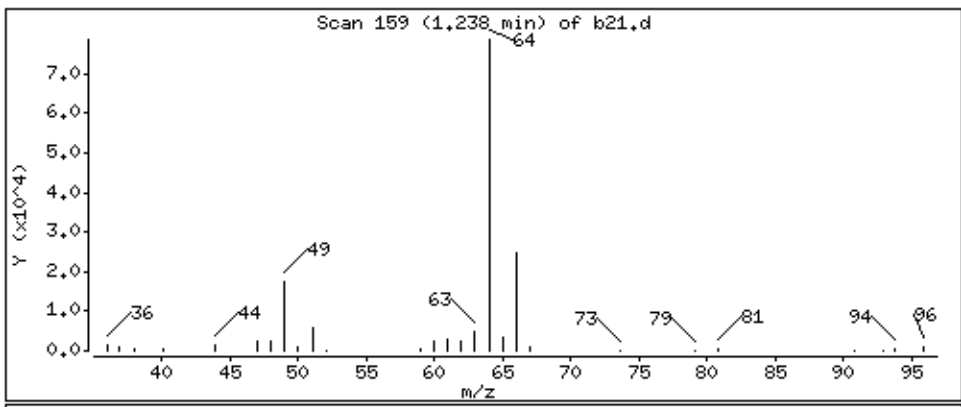
Column phase: DB-624

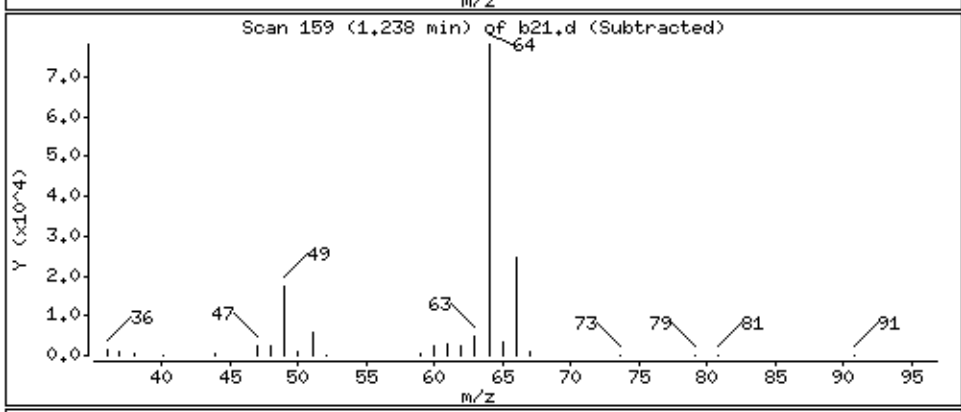
Column diameter: 0.18

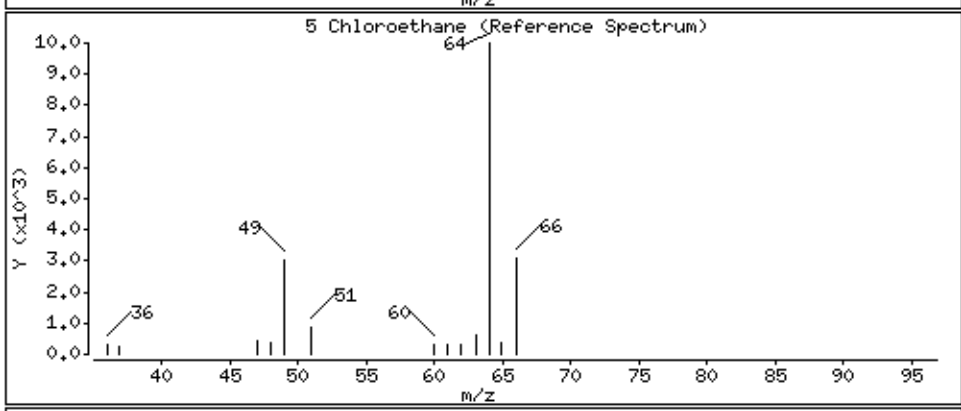
5 Chloroethane

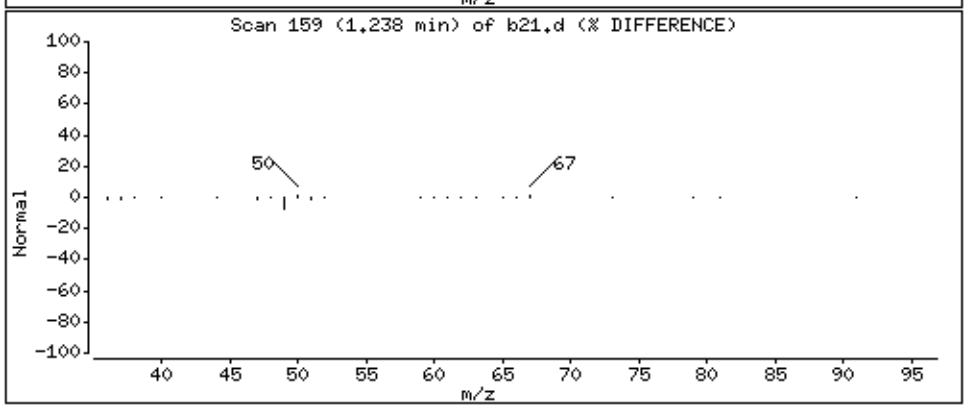
Concentration: 39.7 ppb

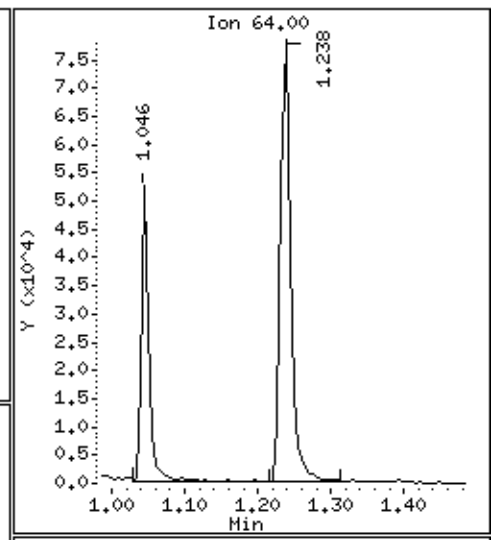
Review Code:

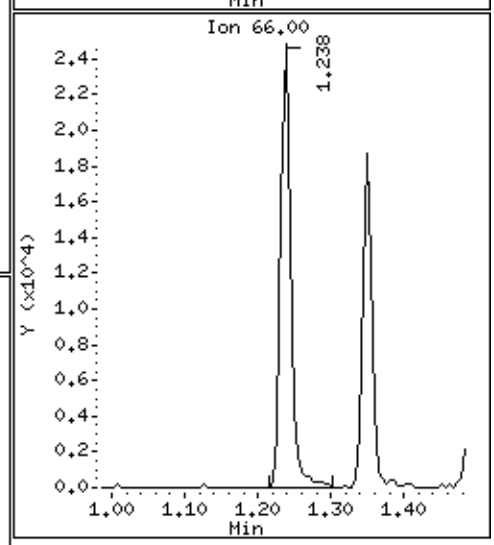












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

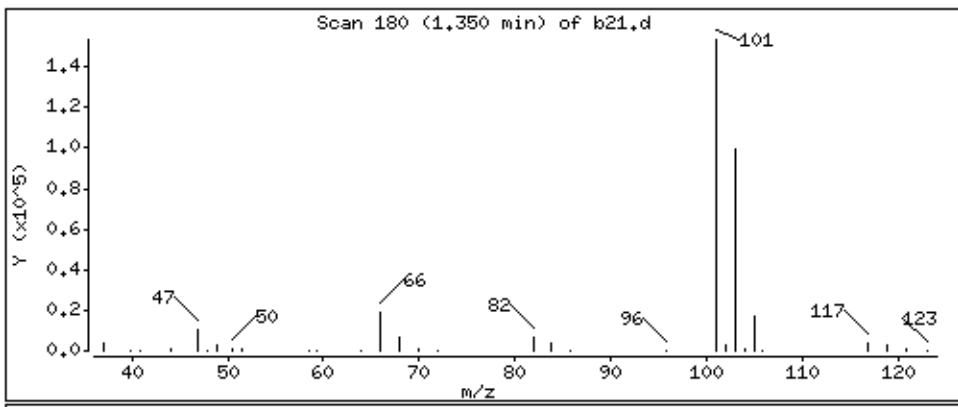
Column phase: DB-624

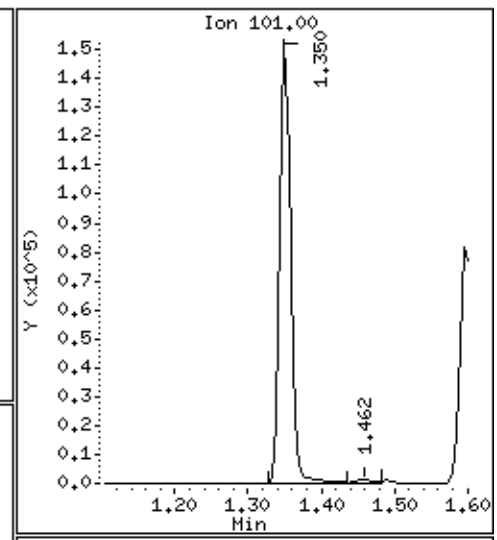
Column diameter: 0.18

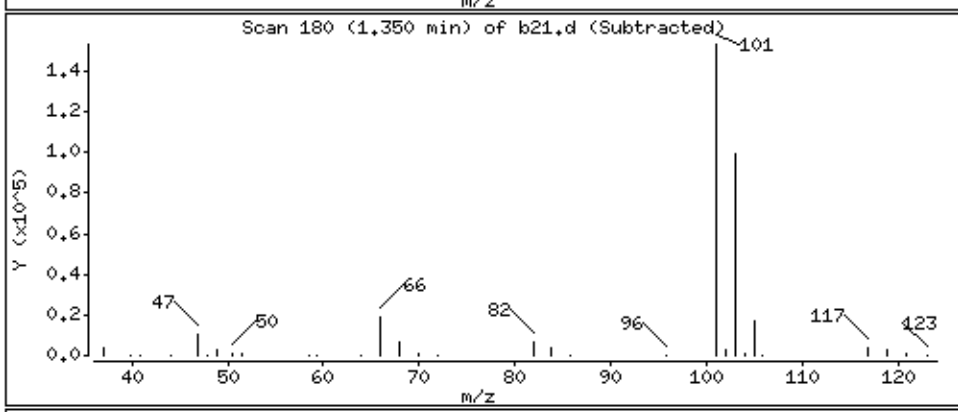
6 Trichlorofluoromethane

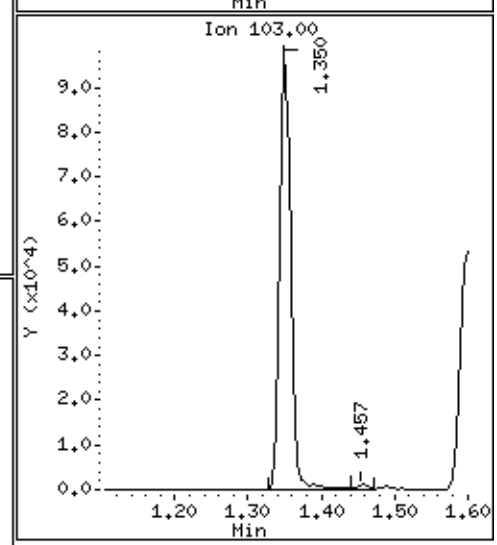
Concentration: 46.5 ppb

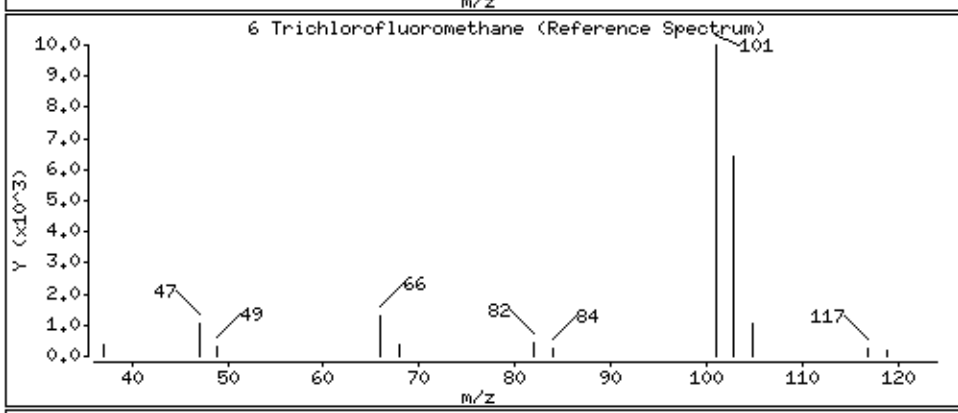
Review Code:

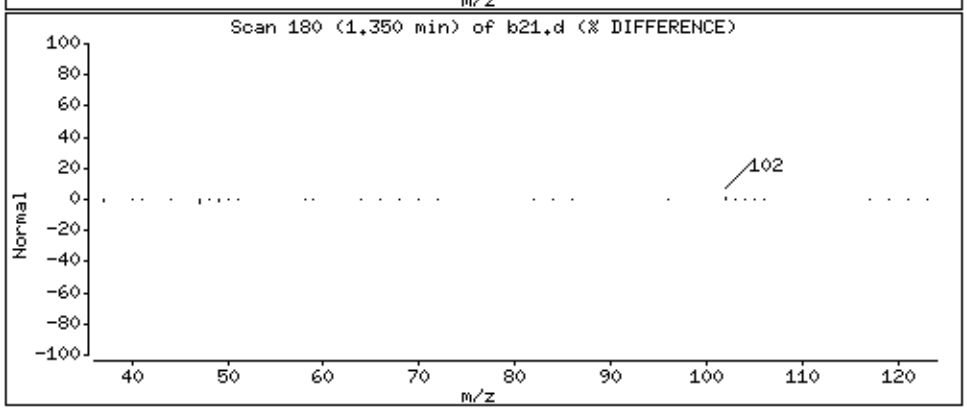












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

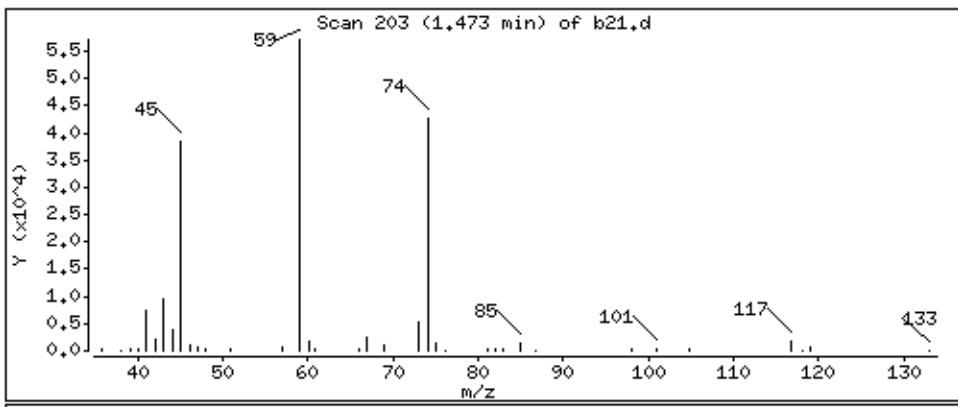
Column phase: DB-624

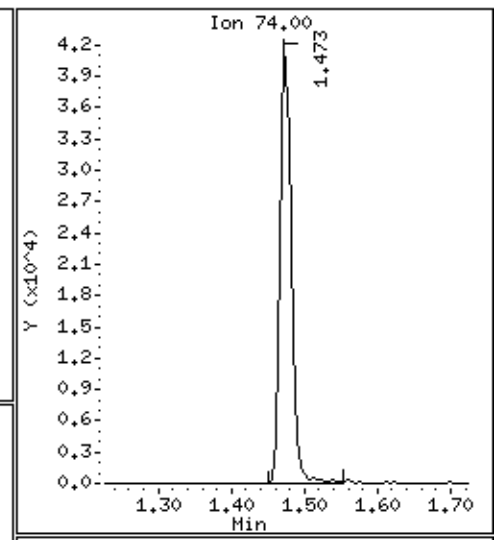
Column diameter: 0.18

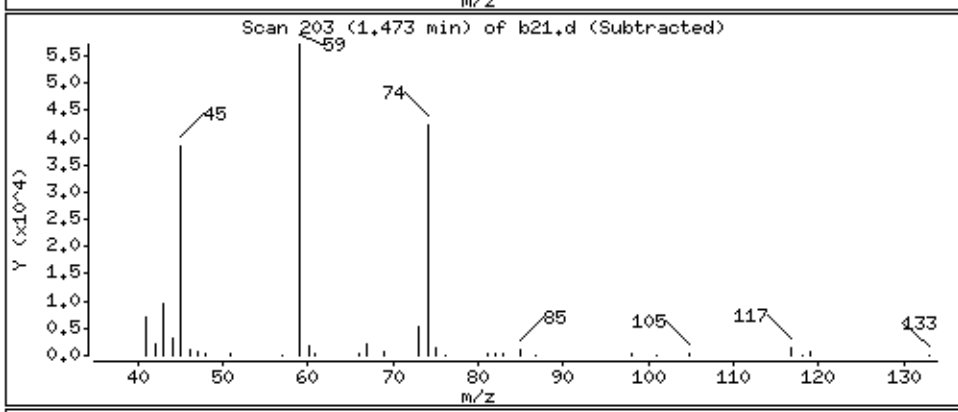
7 Diethyl ether

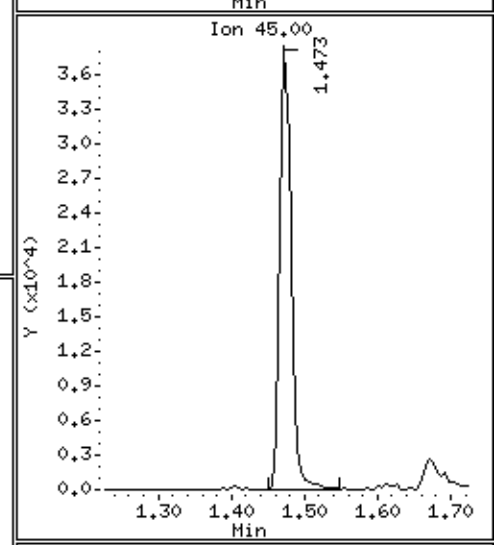
Concentration: 47.9 ppb

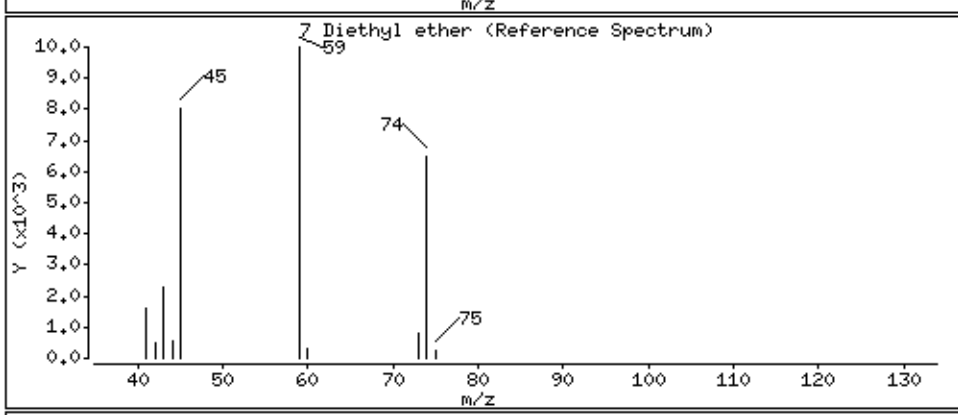
Review Code:

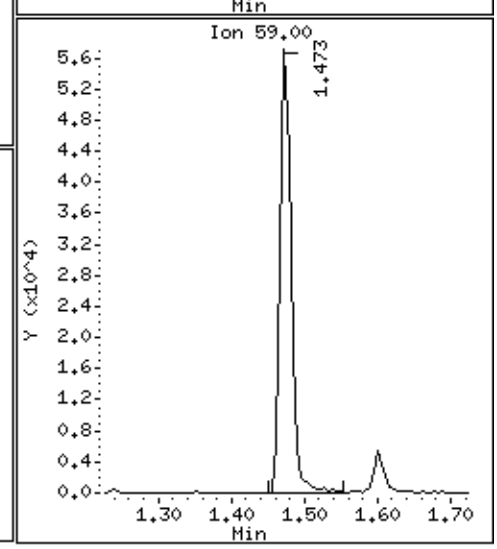


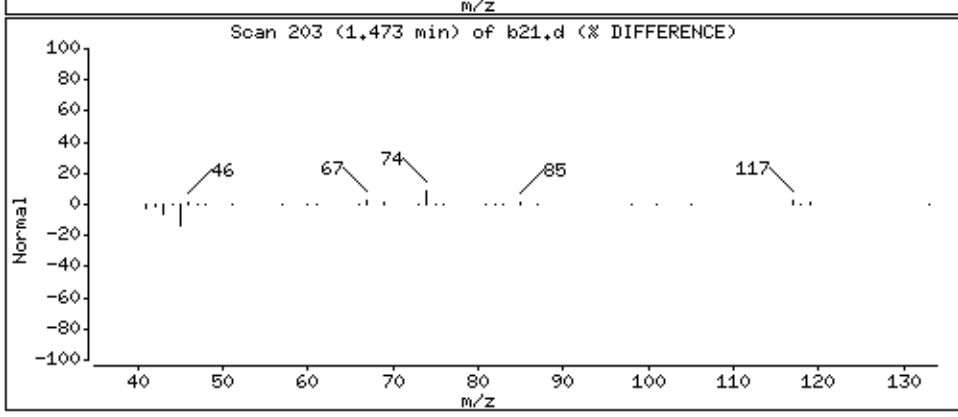












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

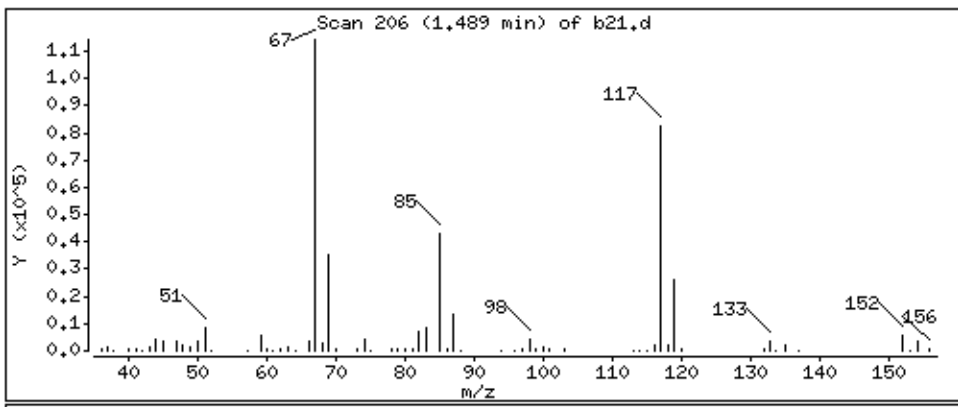
Column phase: DB-624

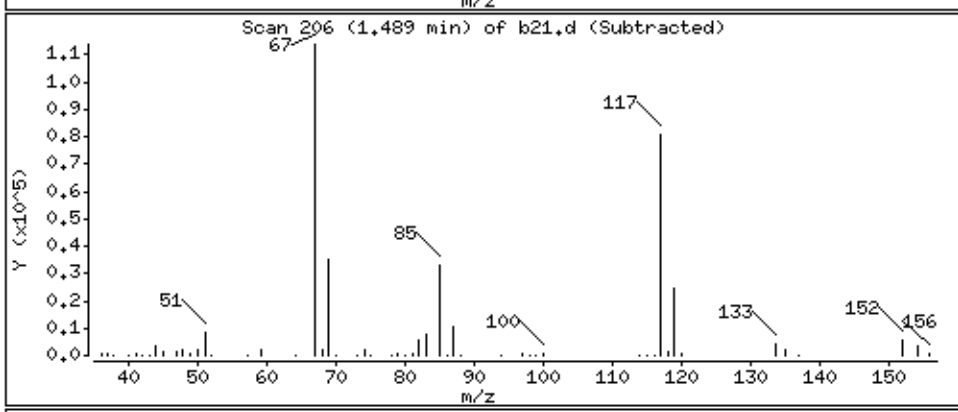
Column diameter: 0.18

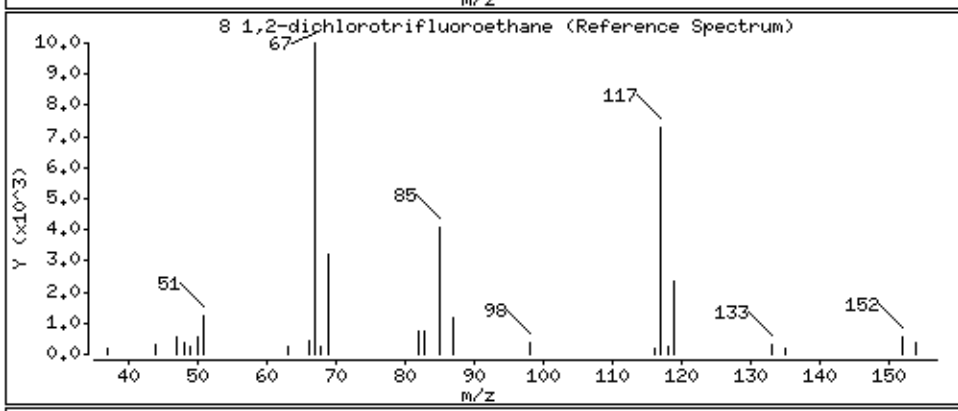
8 1,2-dichlorotrifluoroethane

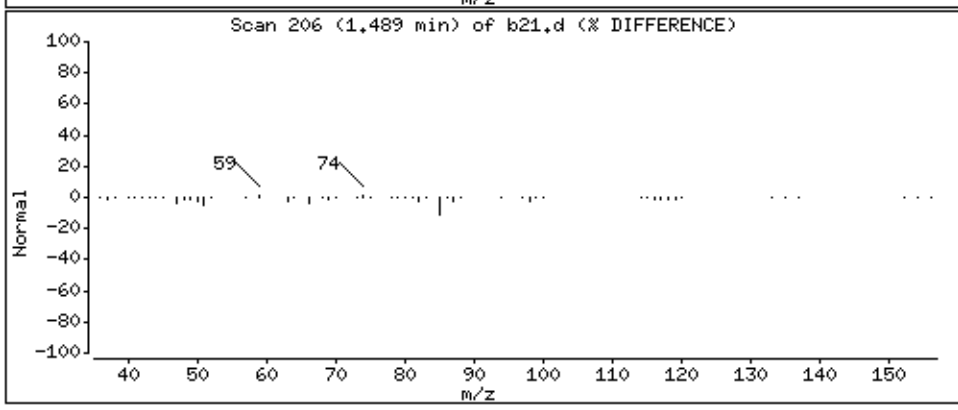
Concentration: 43.2 ppb

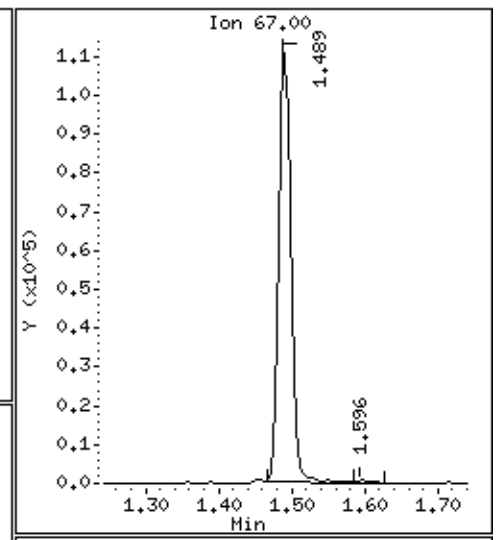
Review Code:

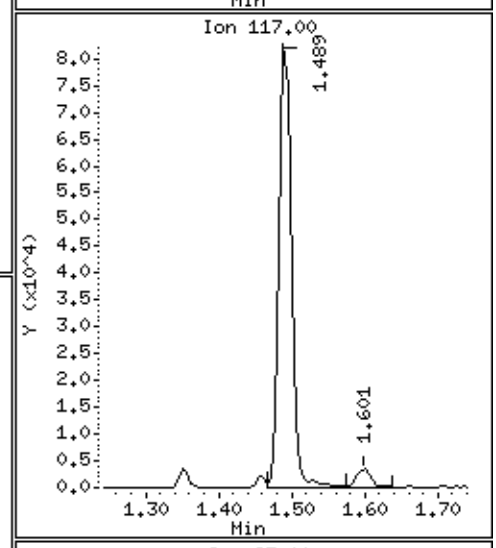


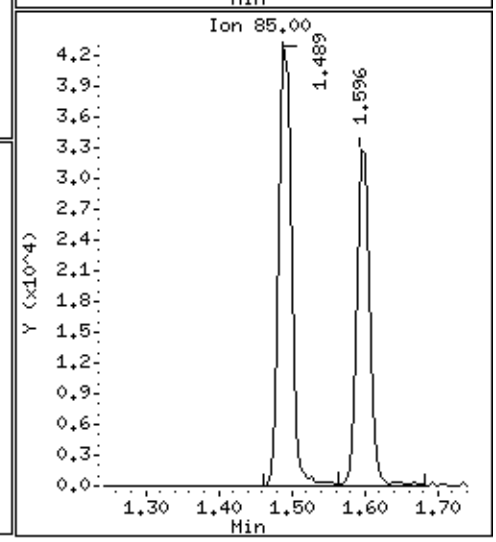












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

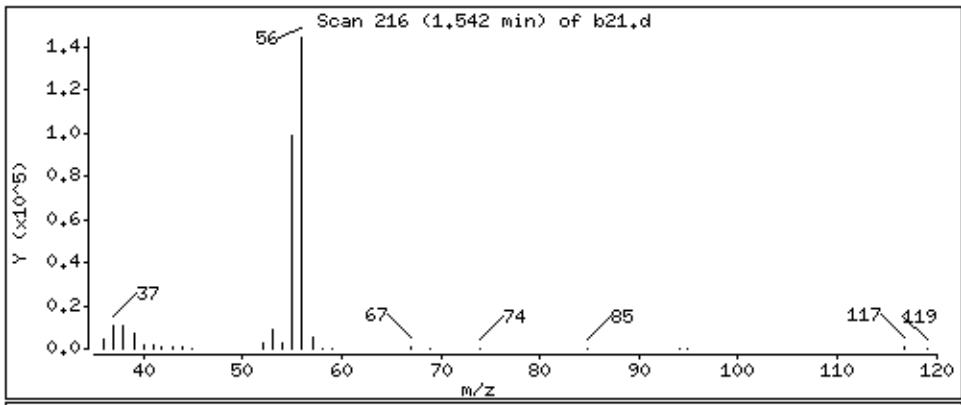
Column phase: DB-624

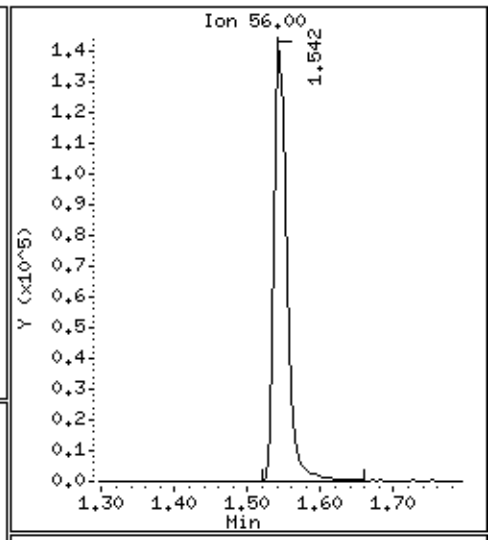
Column diameter: 0.18

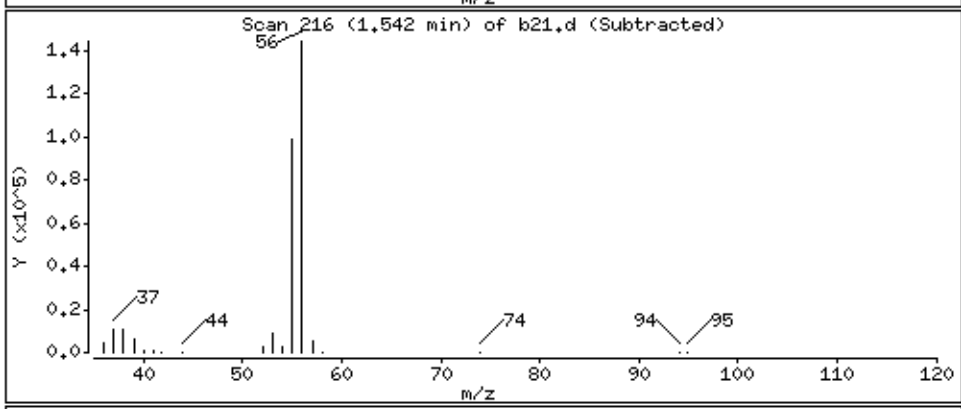
9 Acrolein

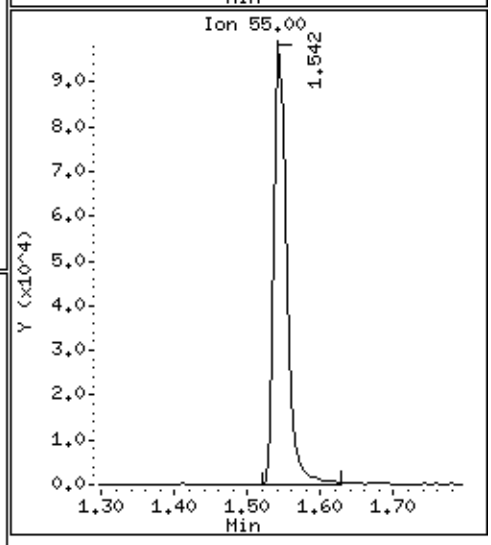
Concentration: 1080 ppb

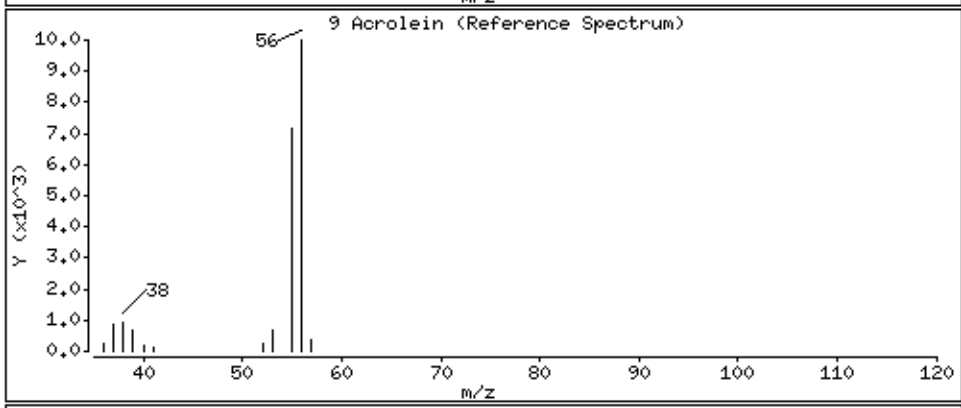
Review Code:

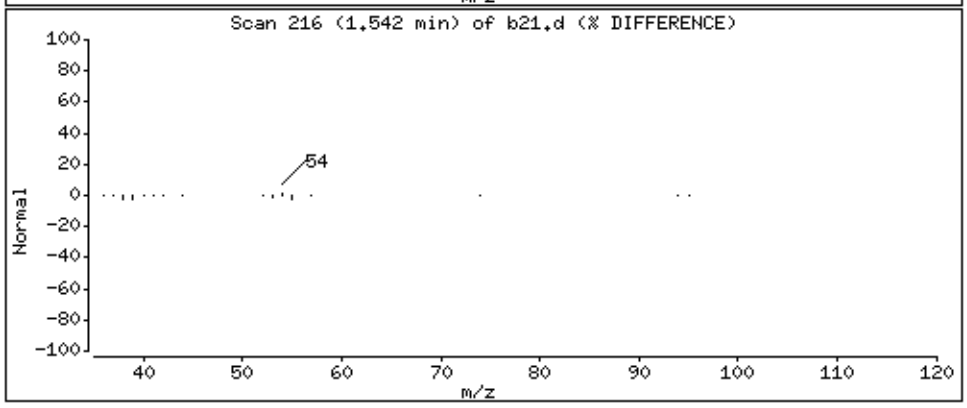












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

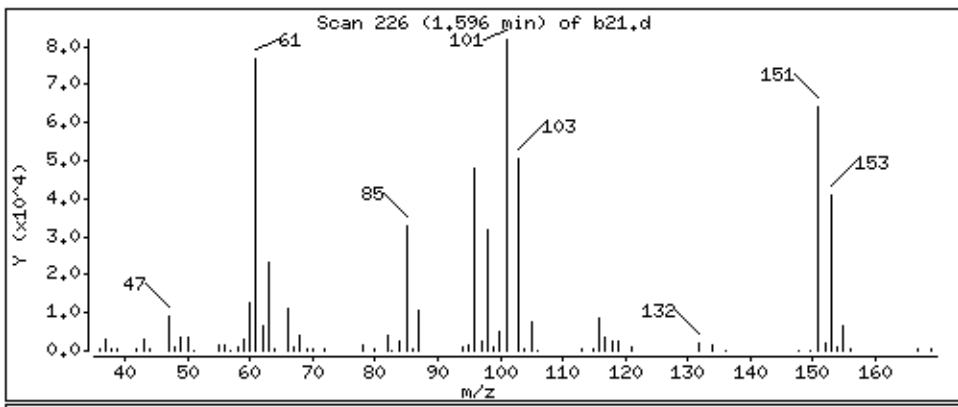
Column phase: DB-624

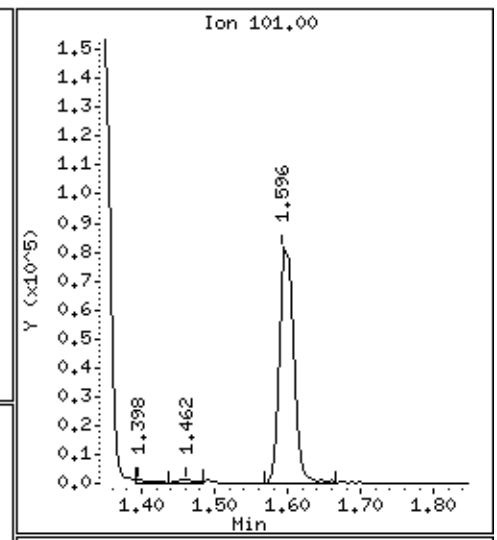
Column diameter: 0.18

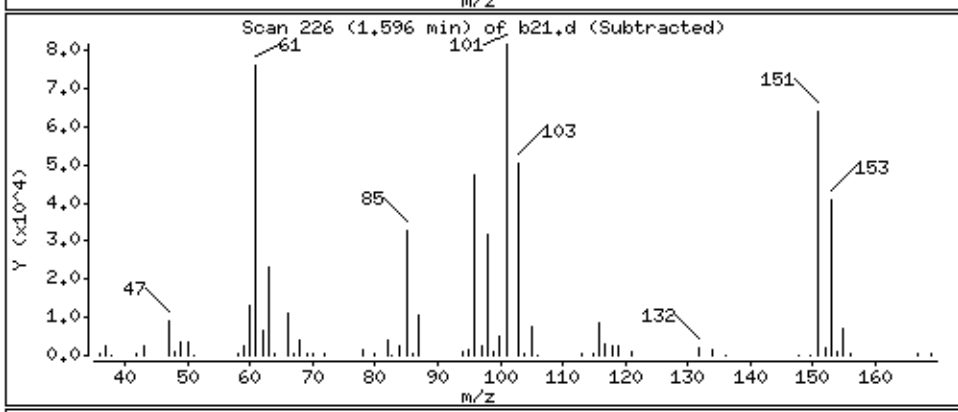
10 1,1,2trichlorotrifluoroethane

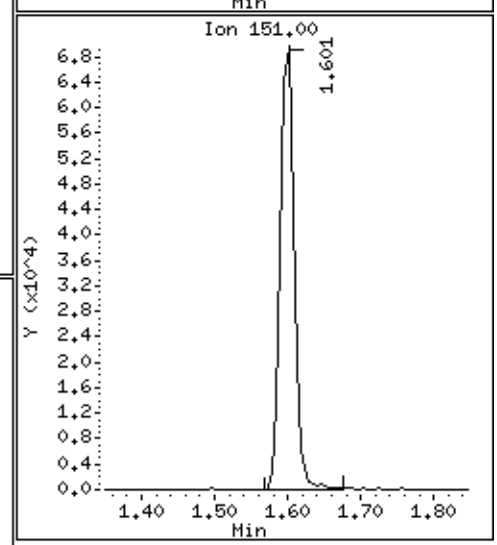
Concentration: 46.0 ppb

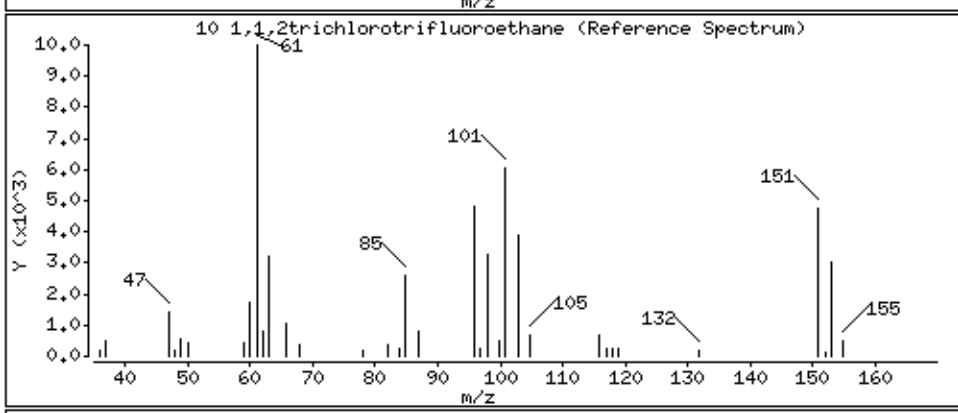
Review Code:

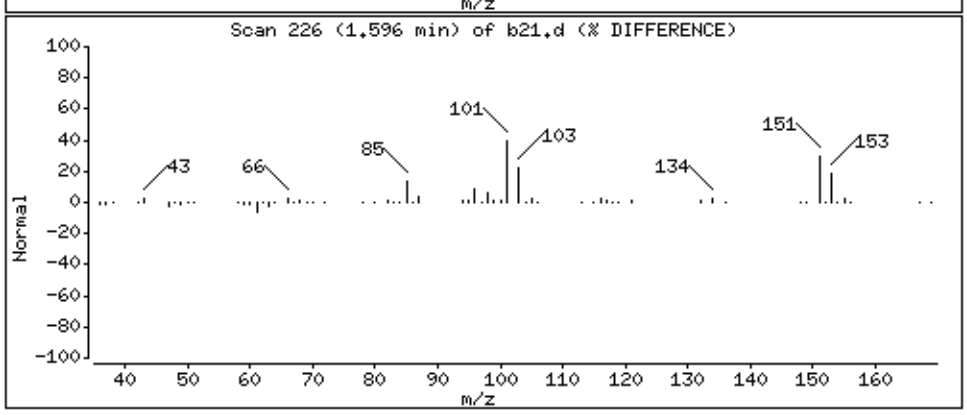












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

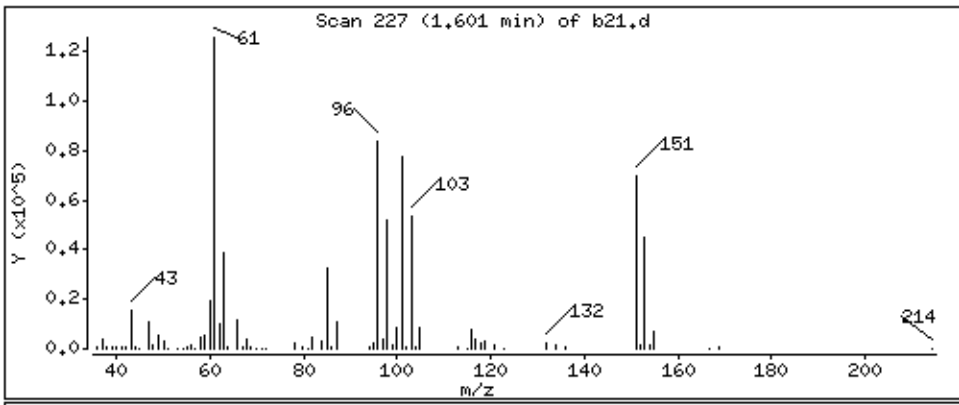
Column phase: DB-624

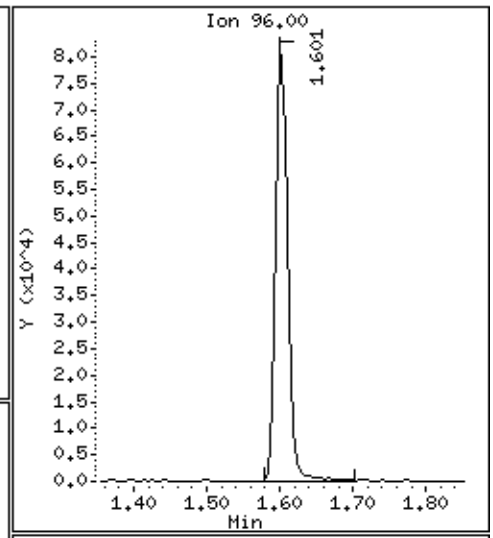
Column diameter: 0.18

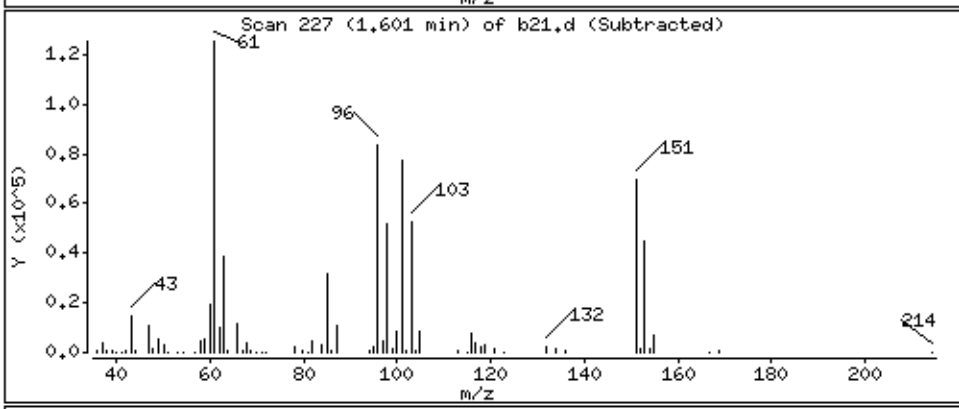
11 1,1-Dichloroethene

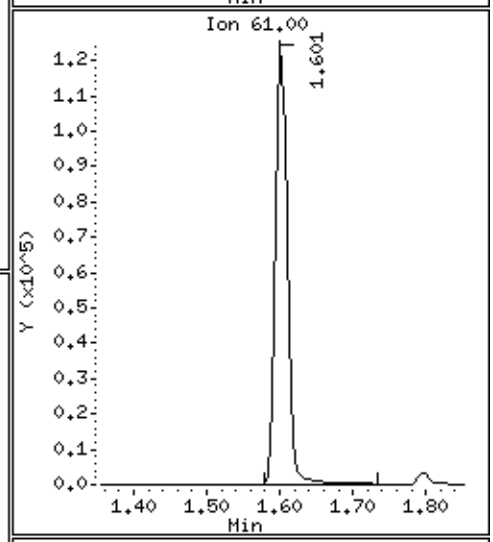
Concentration: 48.2 ppb

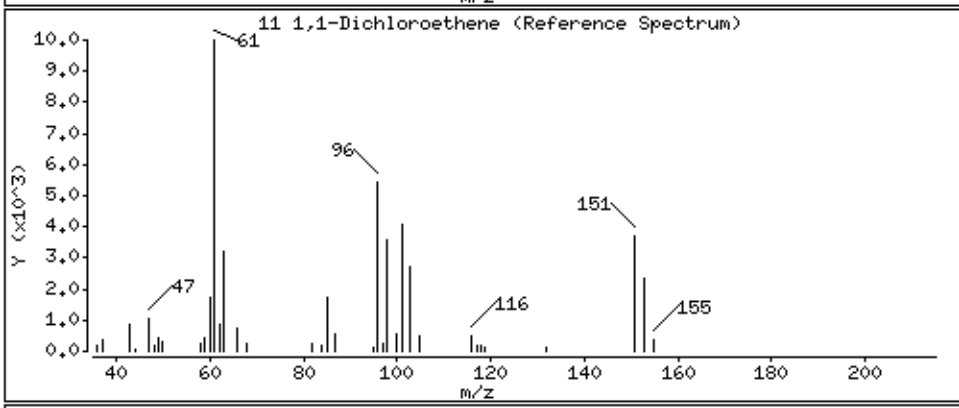
Review Code:

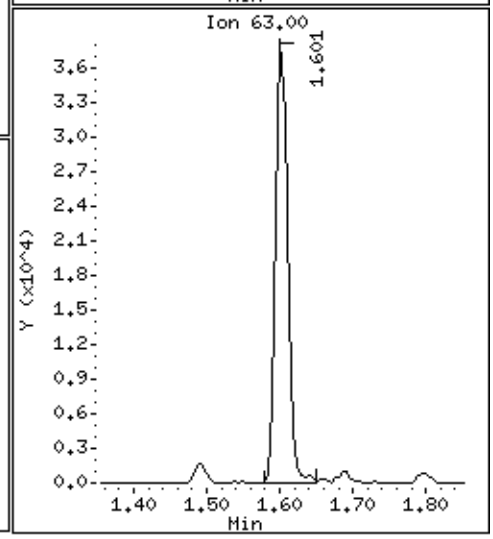


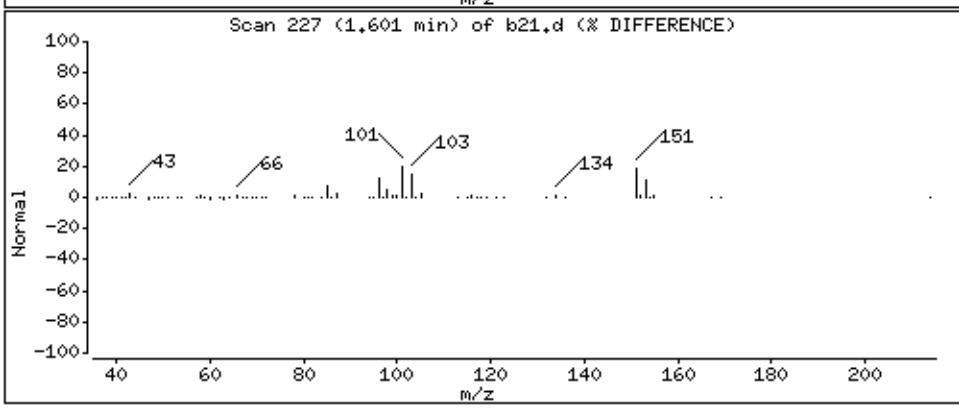












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

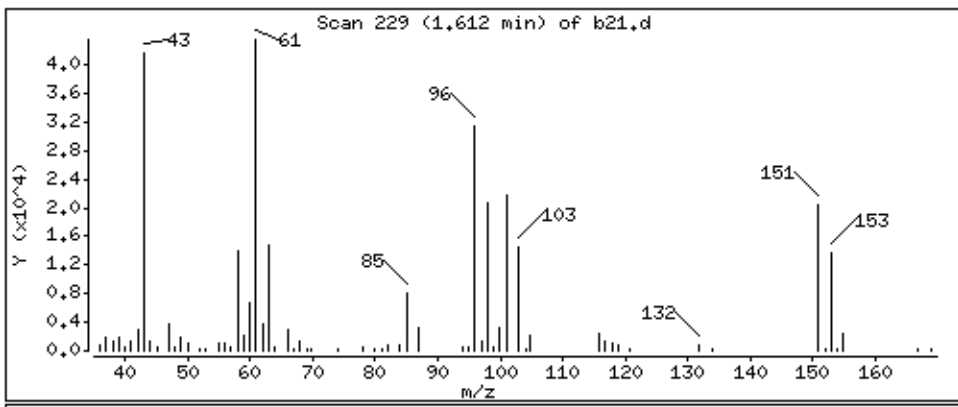
Column phase: DB-624

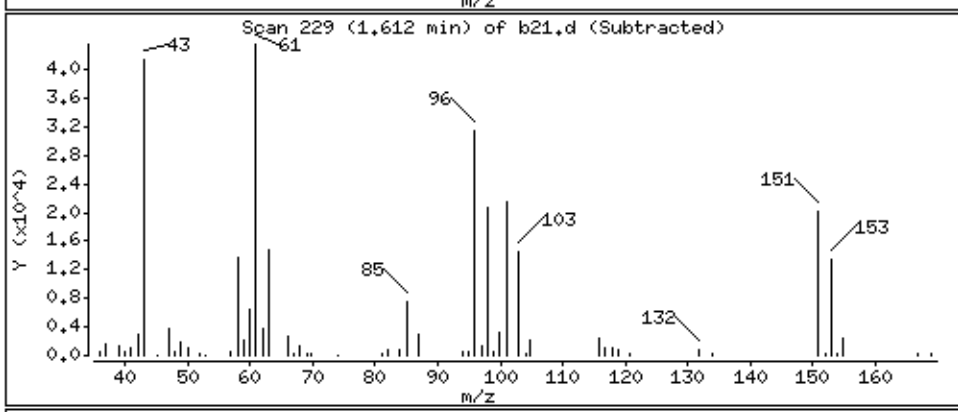
Column diameter: 0.18

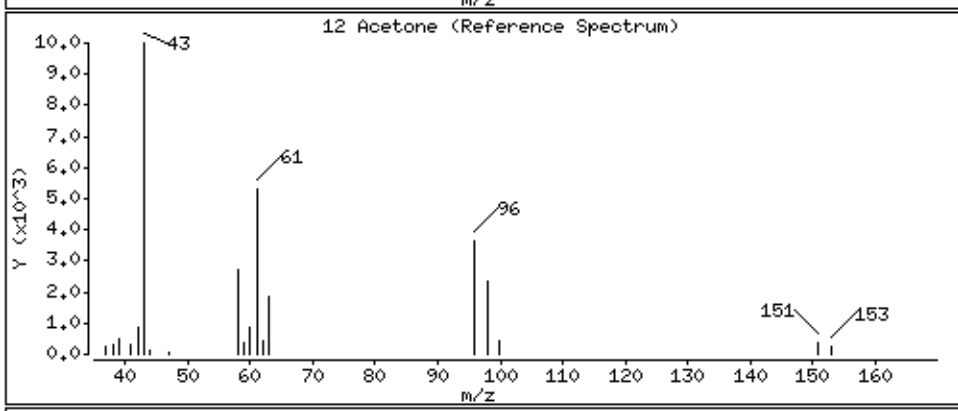
12 Acetone

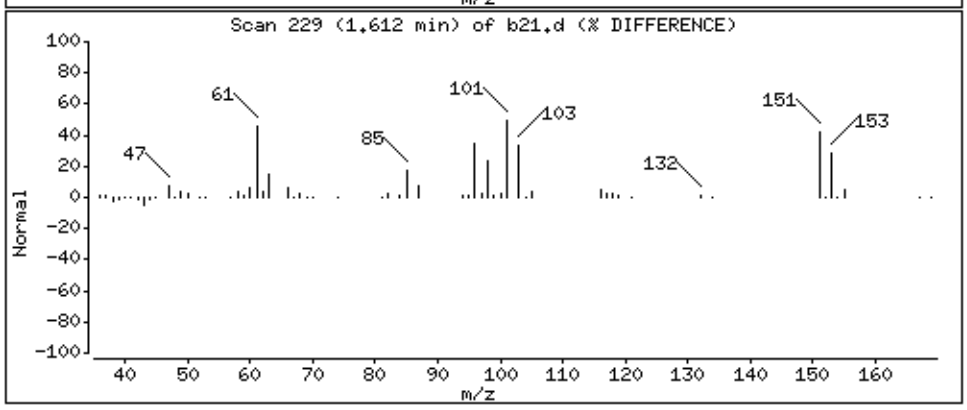
Concentration: 218 ppb

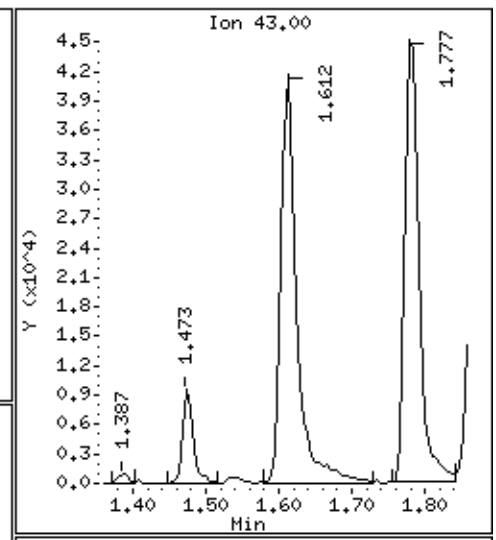
Review Code:

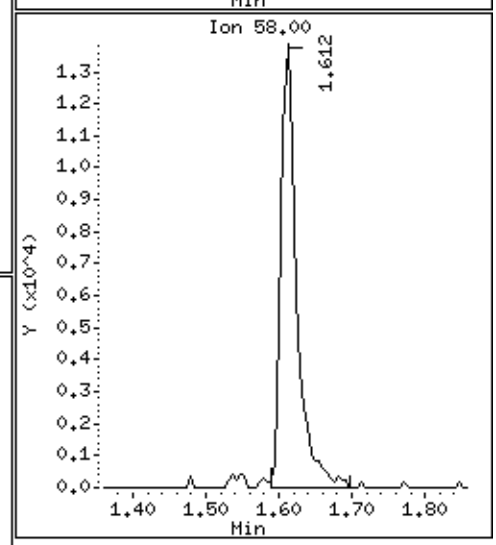












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

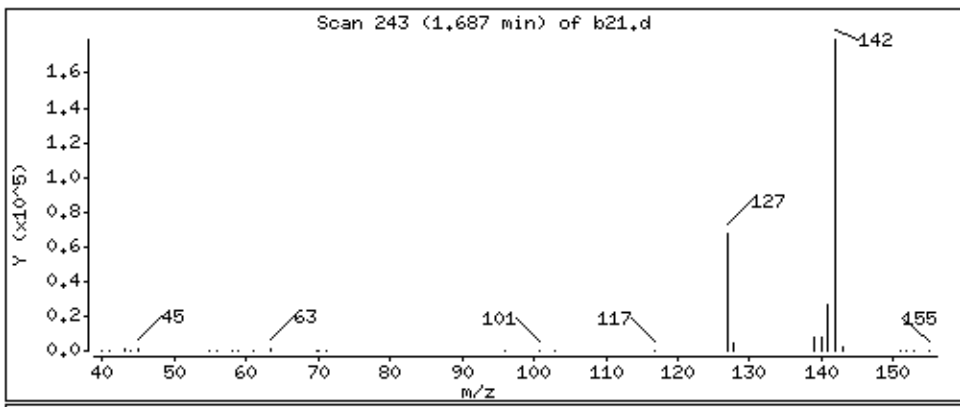
Column phase: DB-624

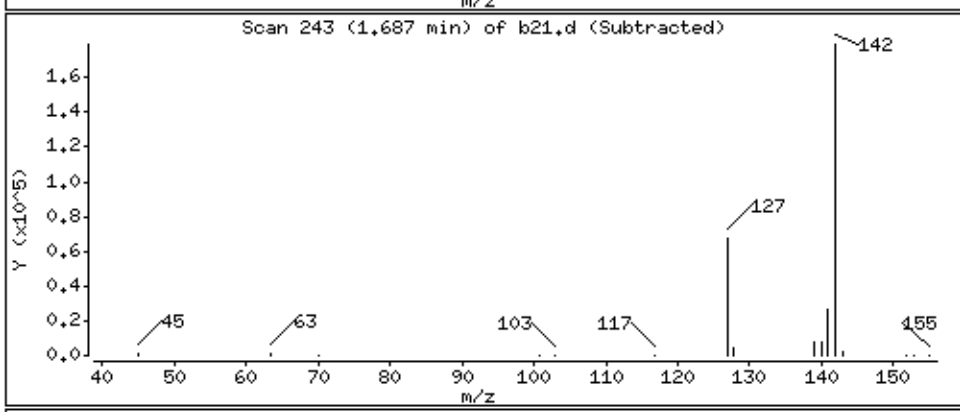
Column diameter: 0.18

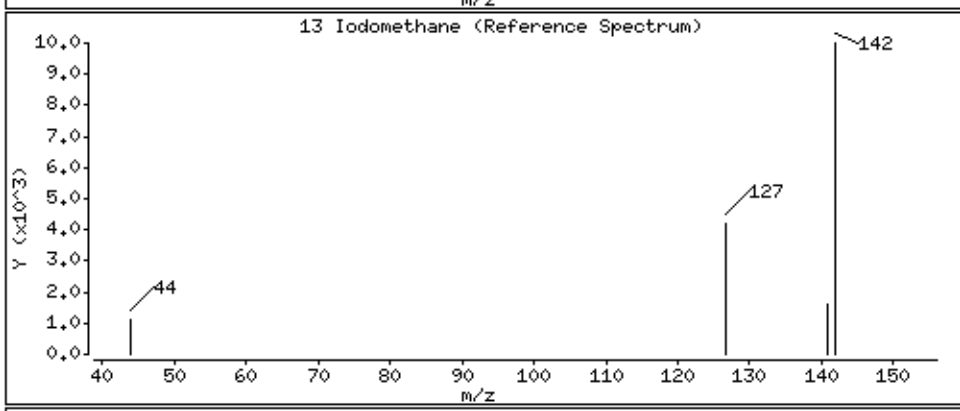
13 Iodomethane

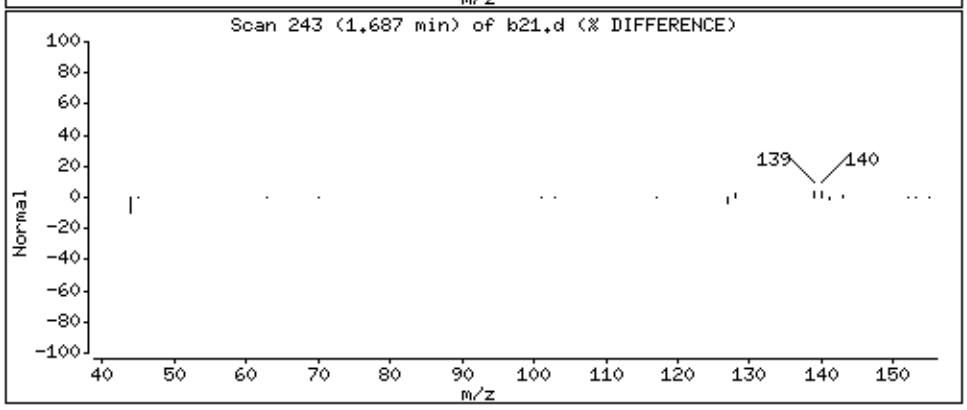
Concentration: 105 ppb

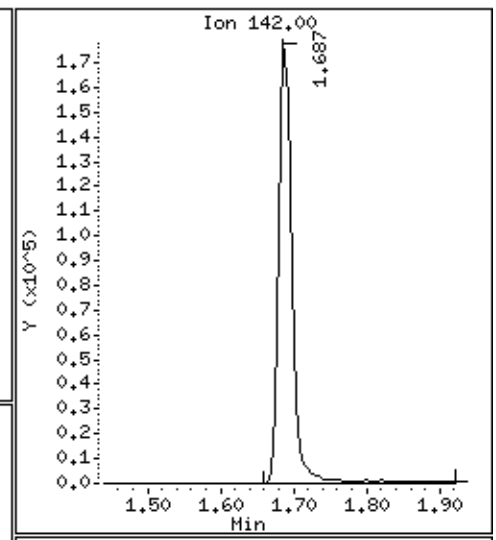
Review Code:

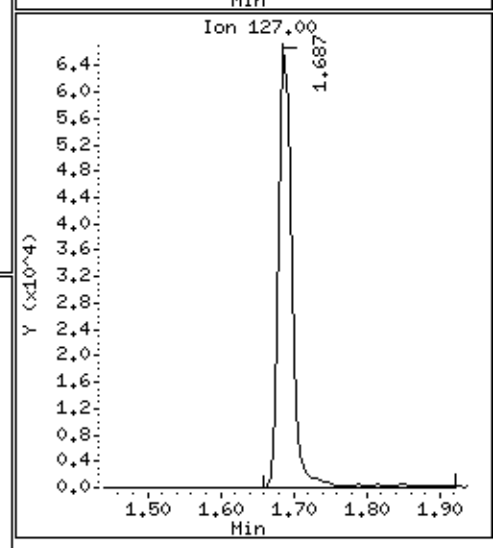












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

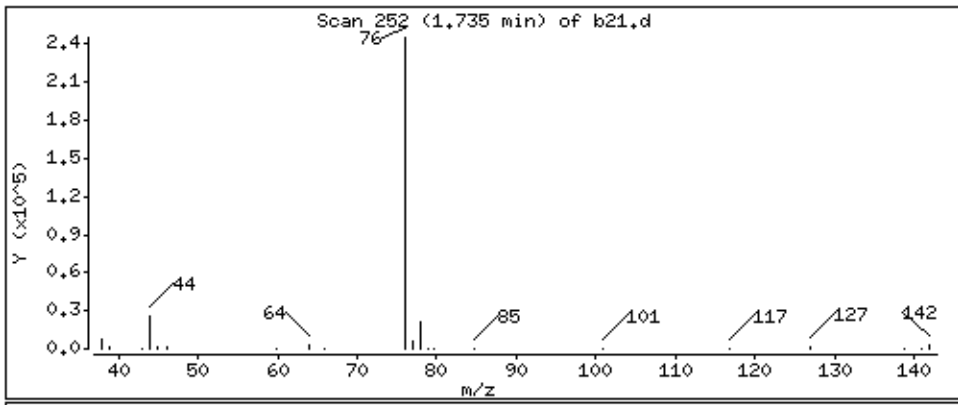
Column phase: DB-624

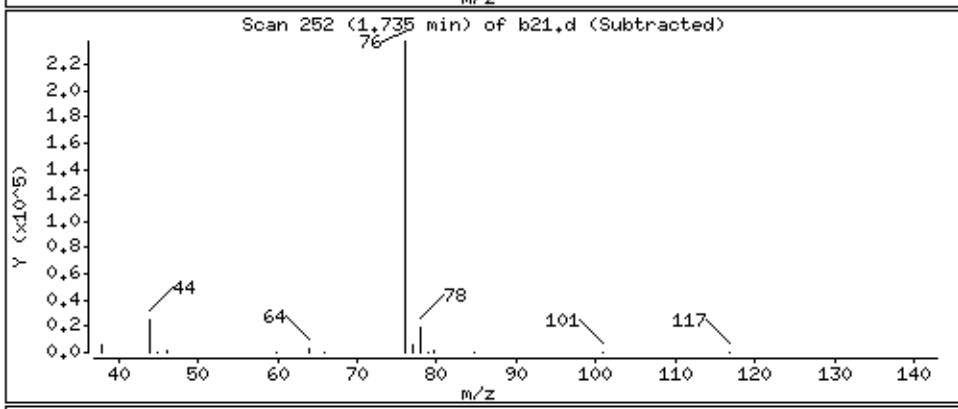
Column diameter: 0.18

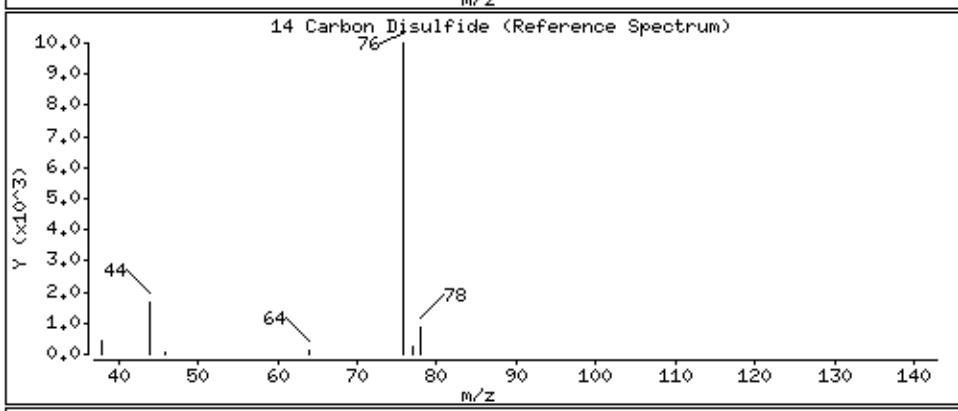
14 Carbon Disulfide

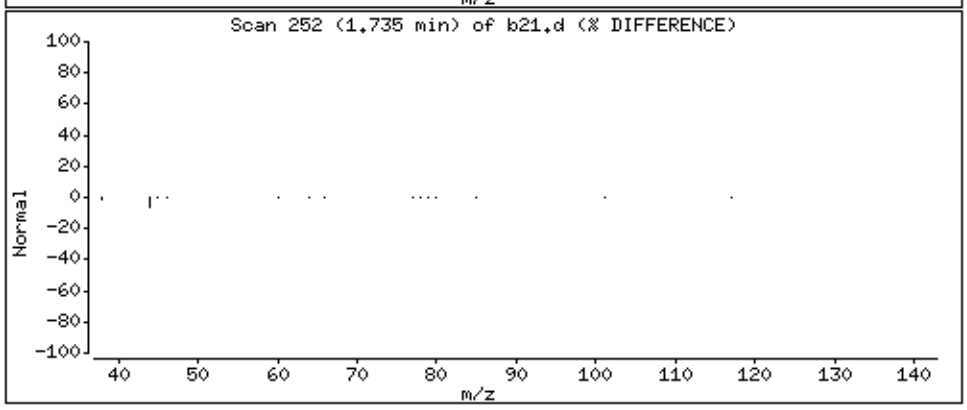
Concentration: 42.6 ppb

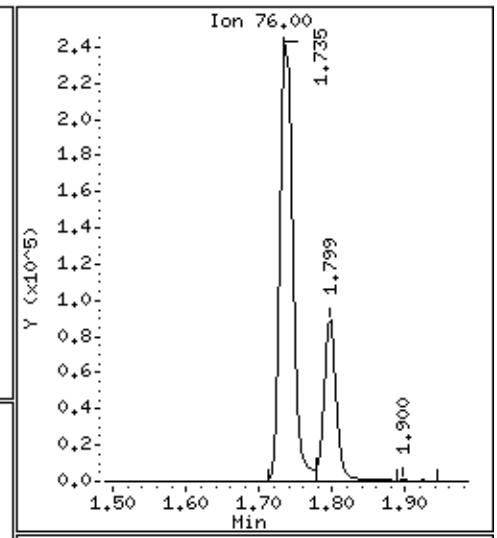
Review Code:

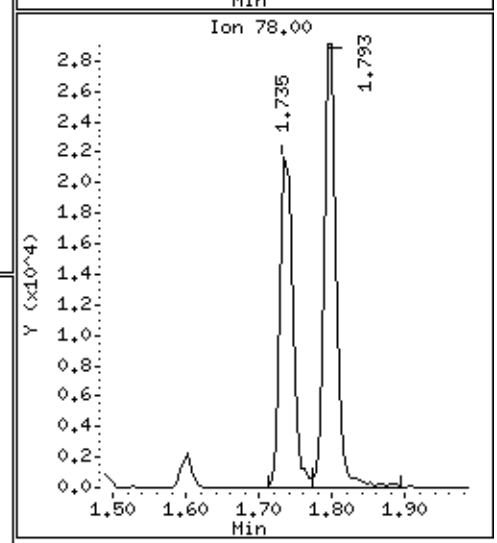












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

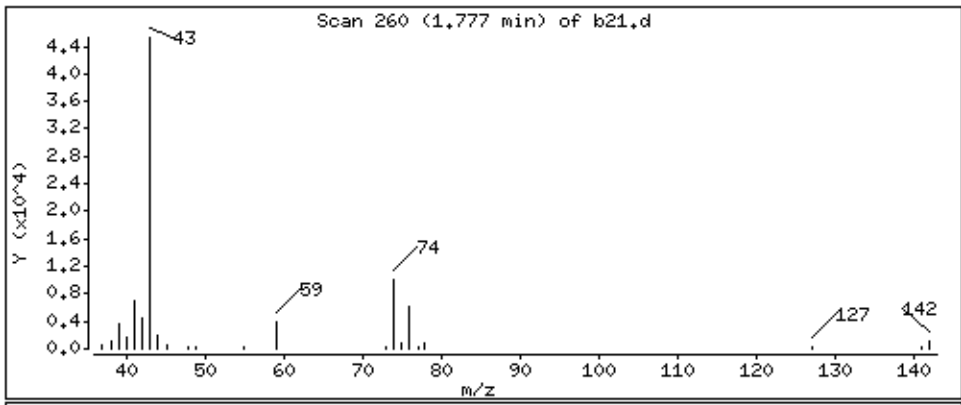
Column phase: DB-624

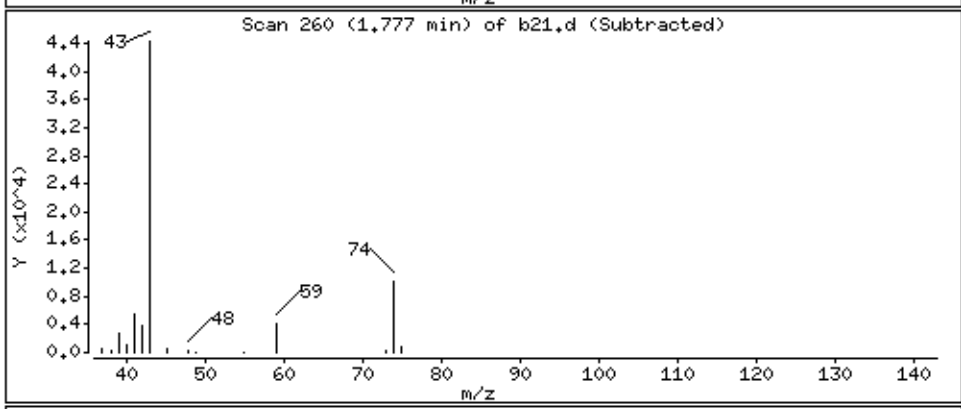
Column diameter: 0.18

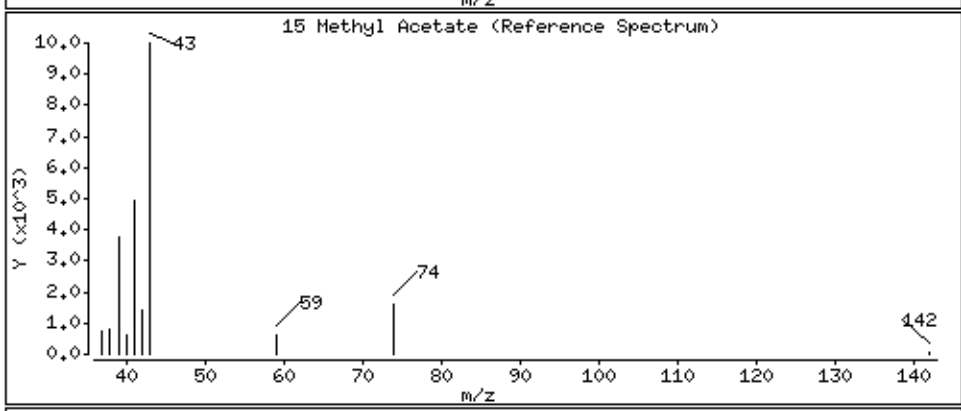
15 Methyl Acetate

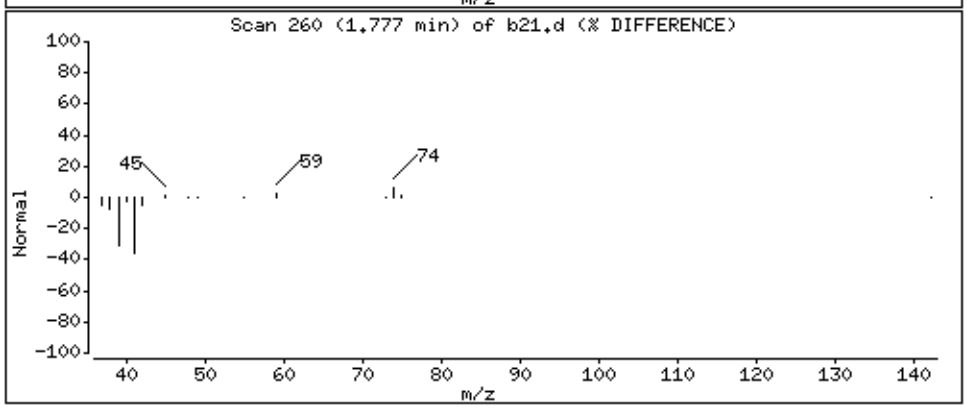
Concentration: 81.5 ppb

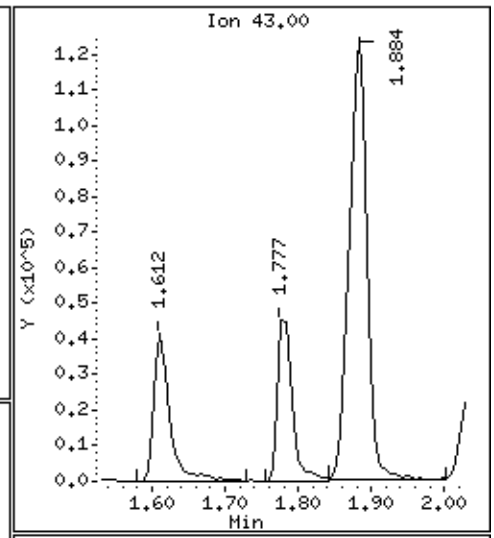
Review Code:

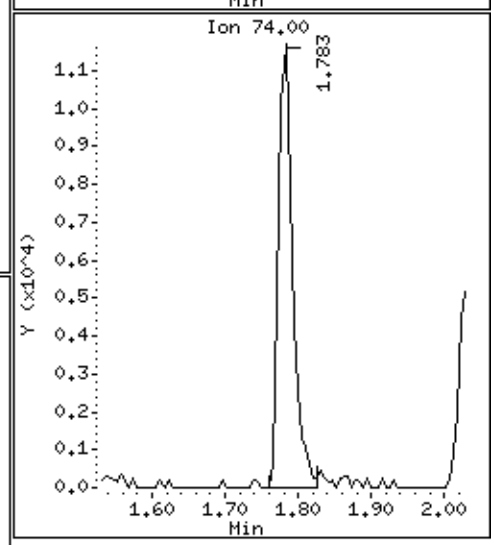












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

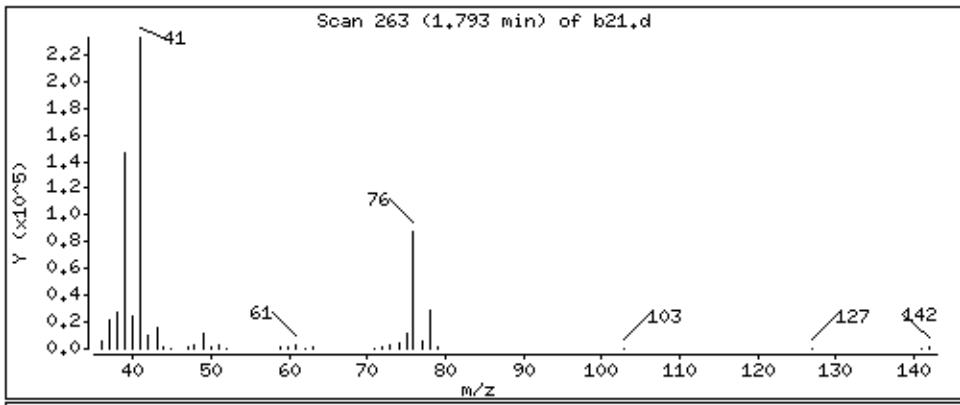
Column phase: DB-624

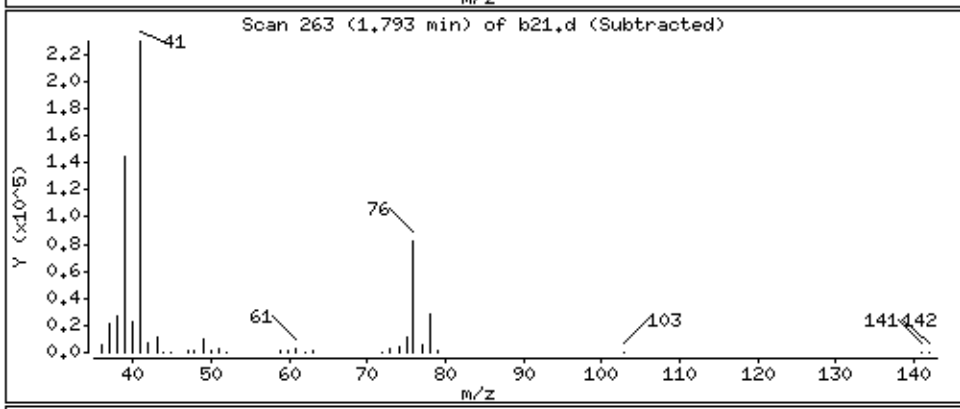
Column diameter: 0.18

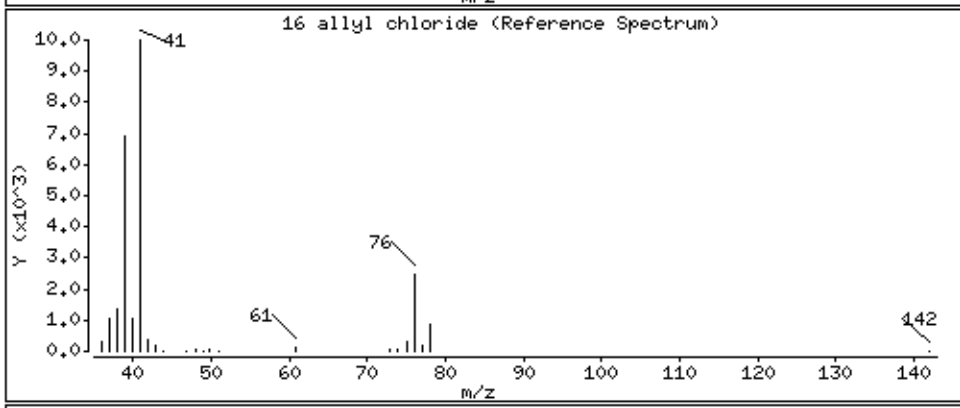
16 allyl chloride

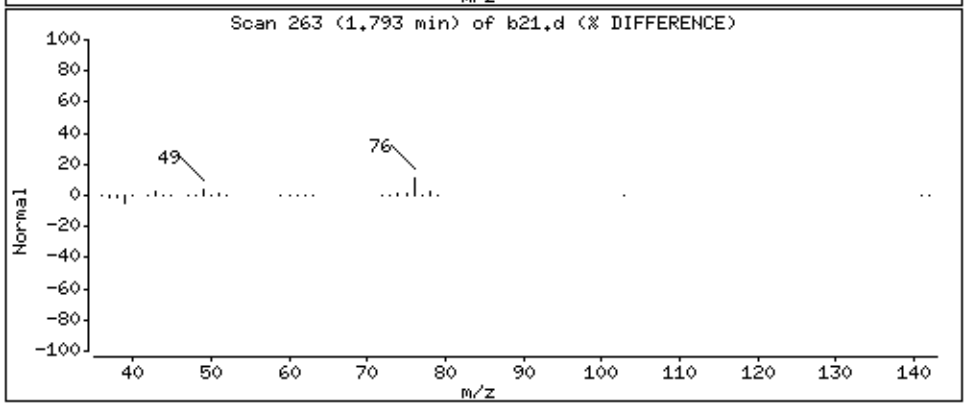
Concentration: 96.0 ppb

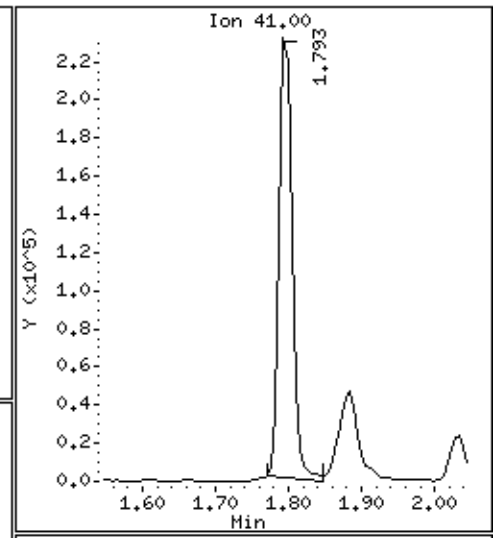
Review Code:

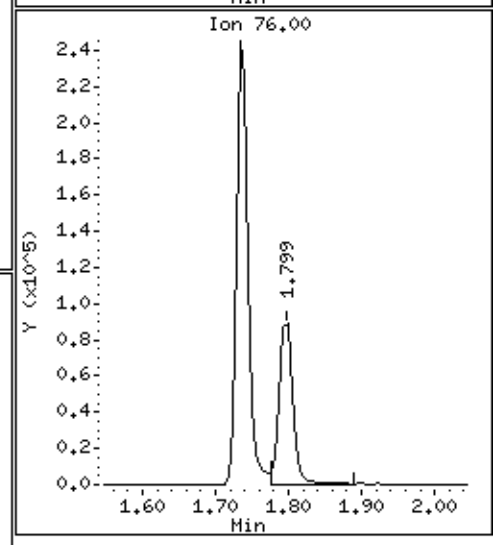












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

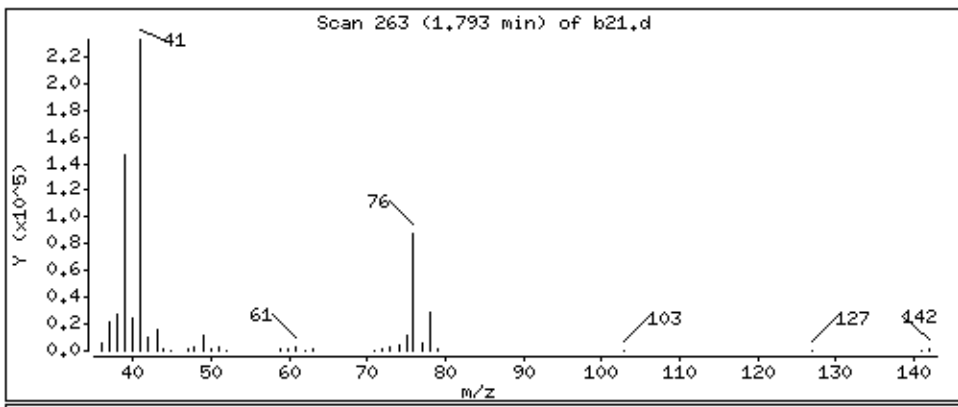
Column phase: DB-624

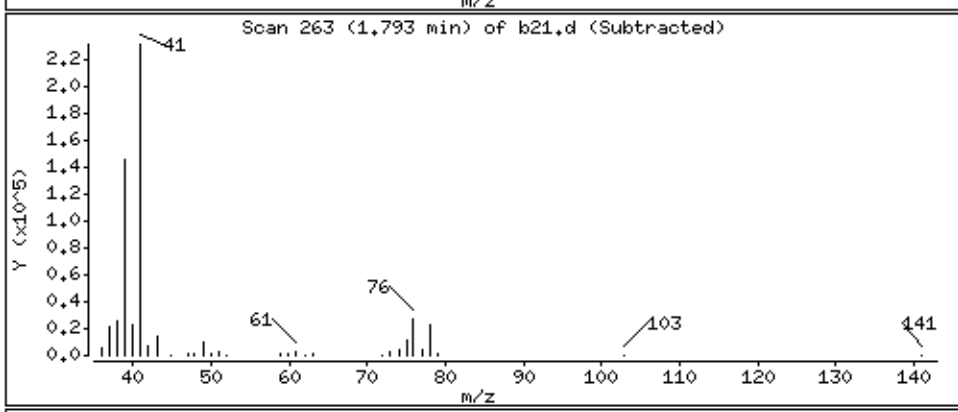
Column diameter: 0.18

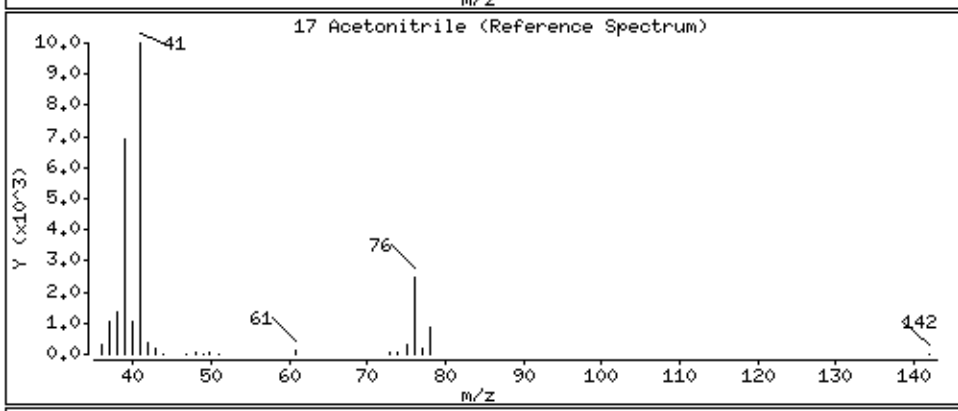
17 Acetonitrile

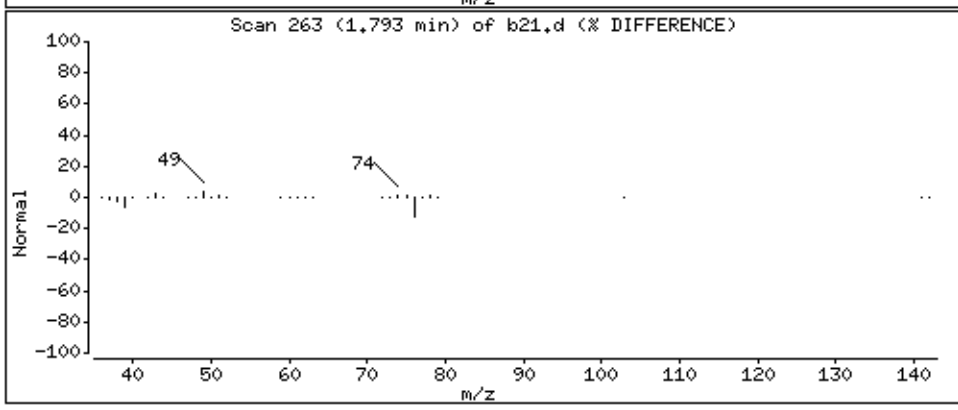
Concentration: 40.5 ppb

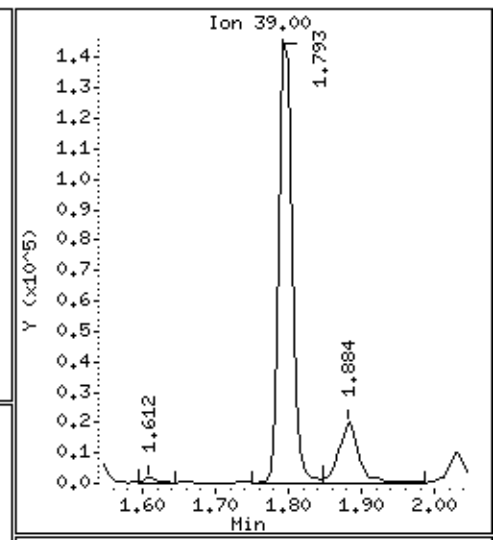
Review Code:

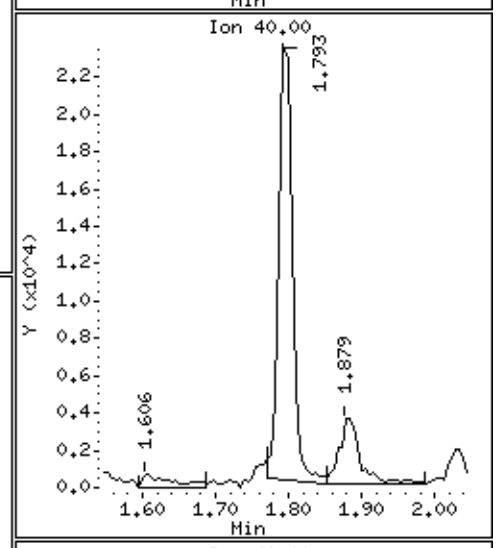


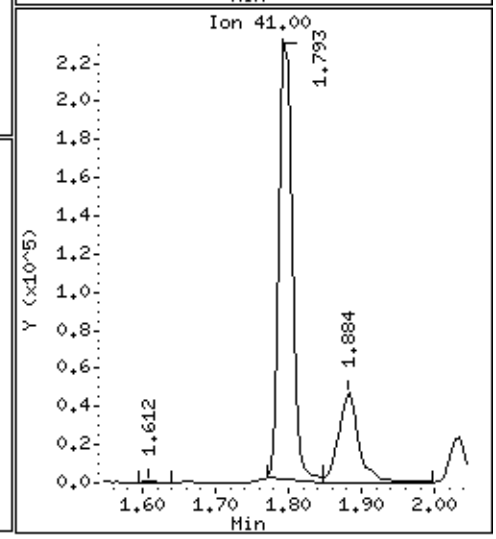












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

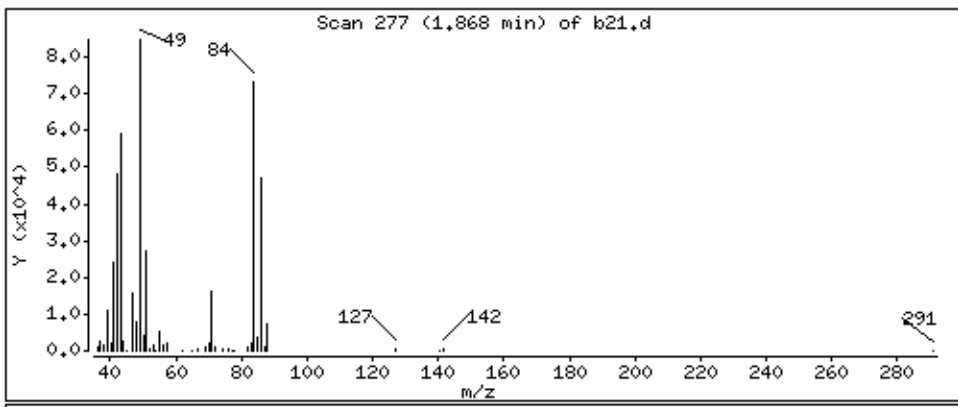
Column phase: DB-624

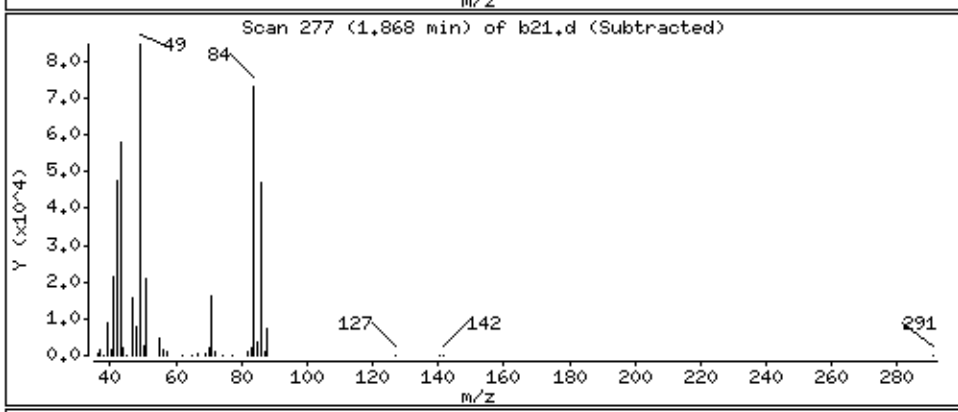
Column diameter: 0.18

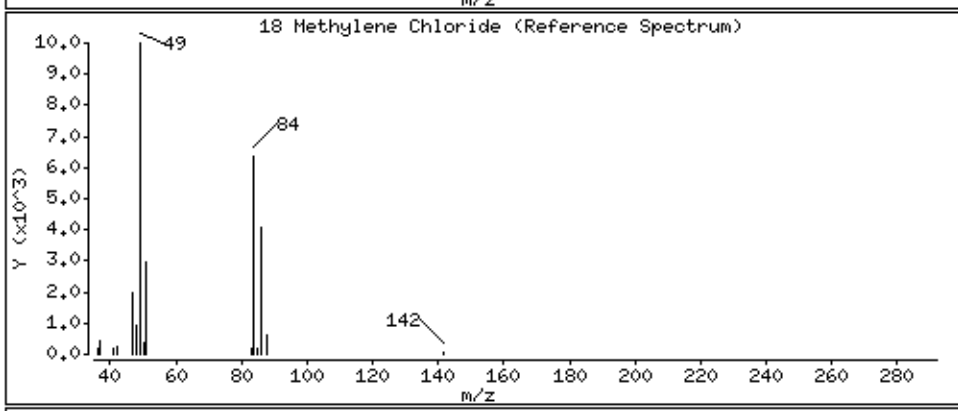
18 Methylene Chloride

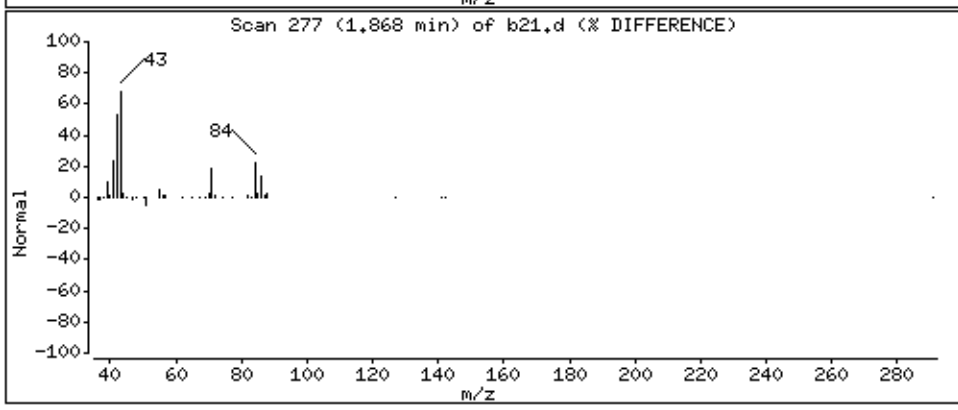
Concentration: 59.0 ppb

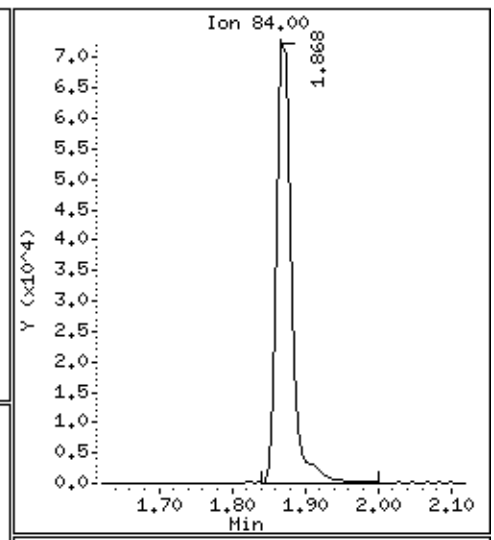
Review Code:

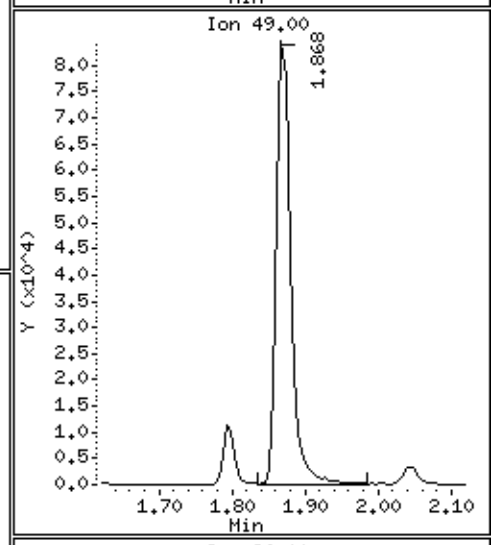


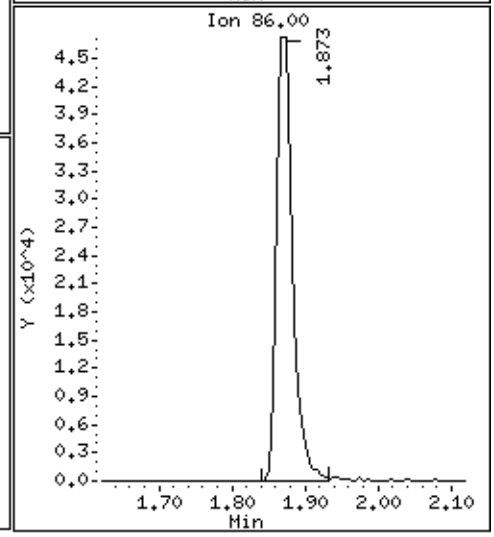












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

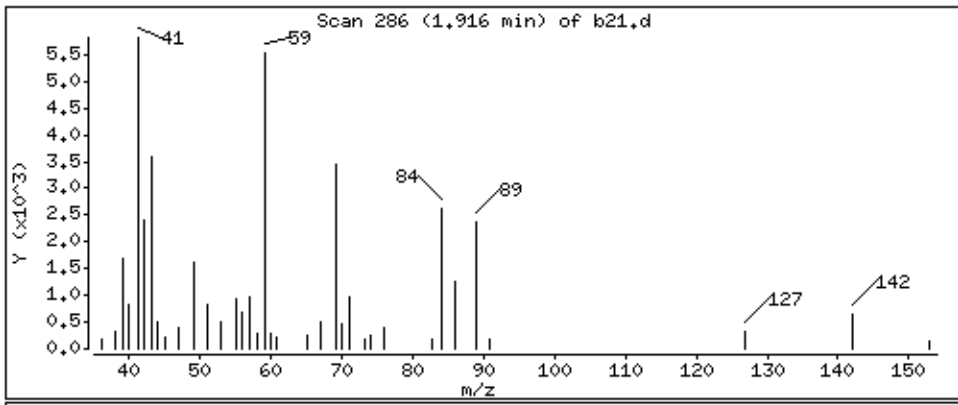
Column phase: DB-624

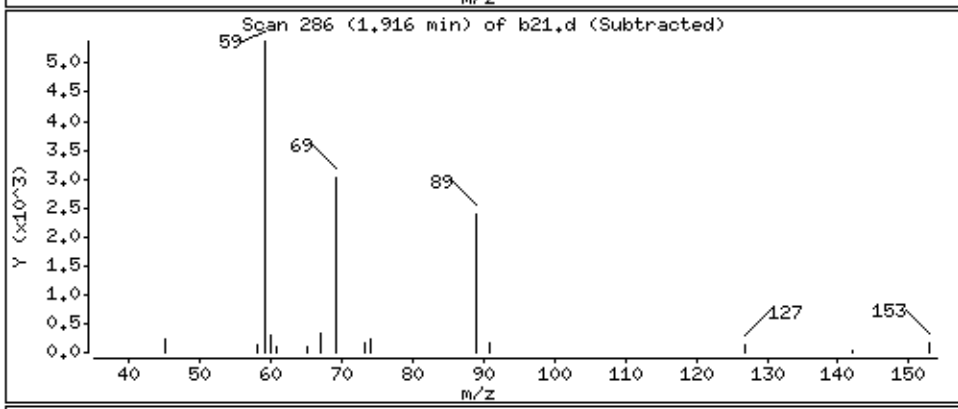
Column diameter: 0.18

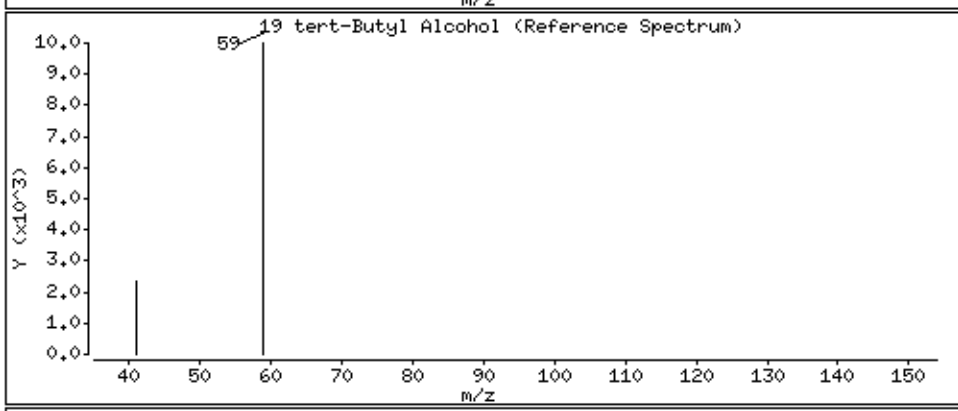
19 tert-Butyl Alcohol

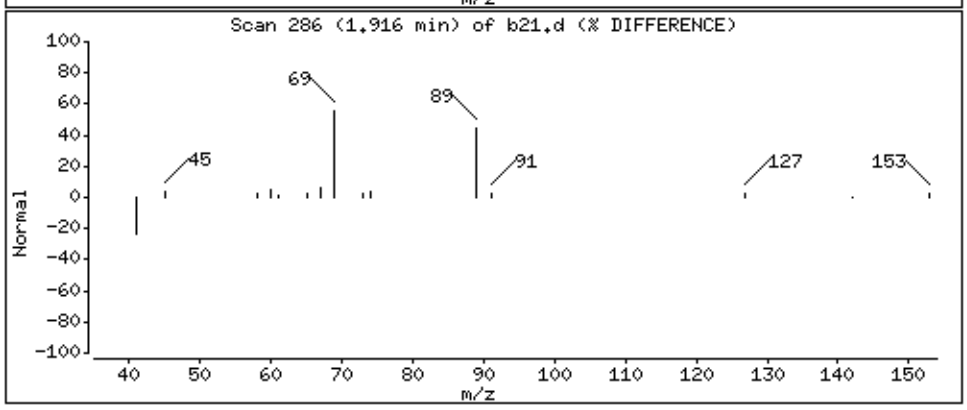
Concentration: 91.4 ppb

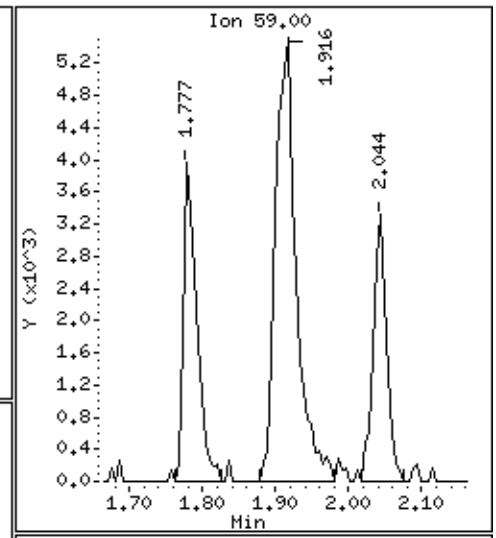
Review Code:

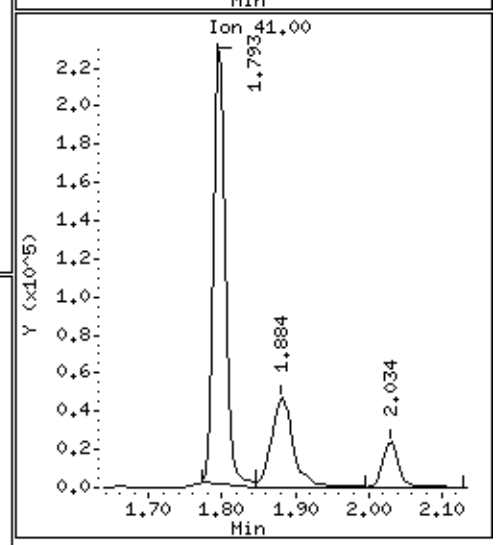












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

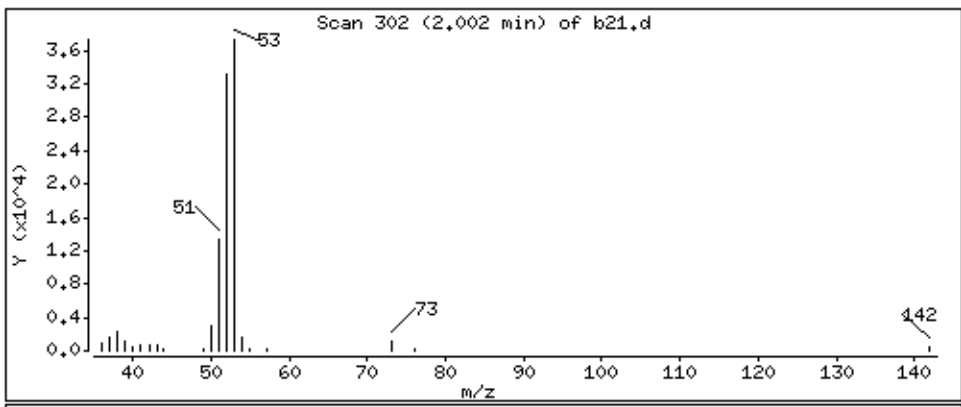
Column phase: DB-624

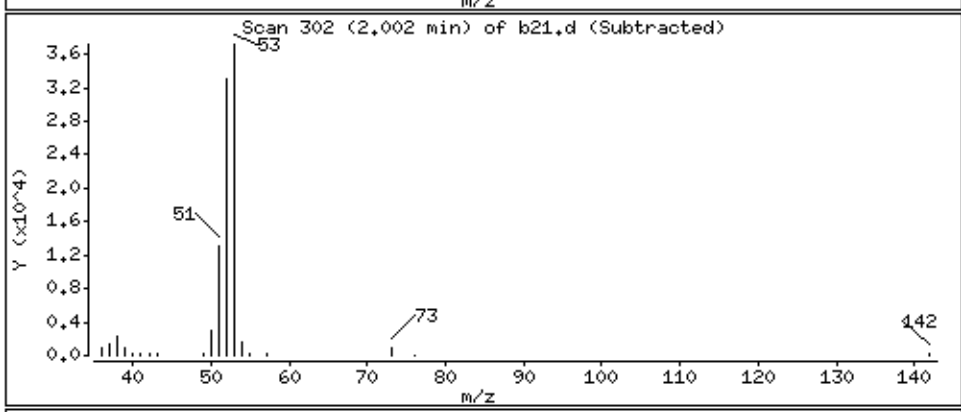
Column diameter: 0.18

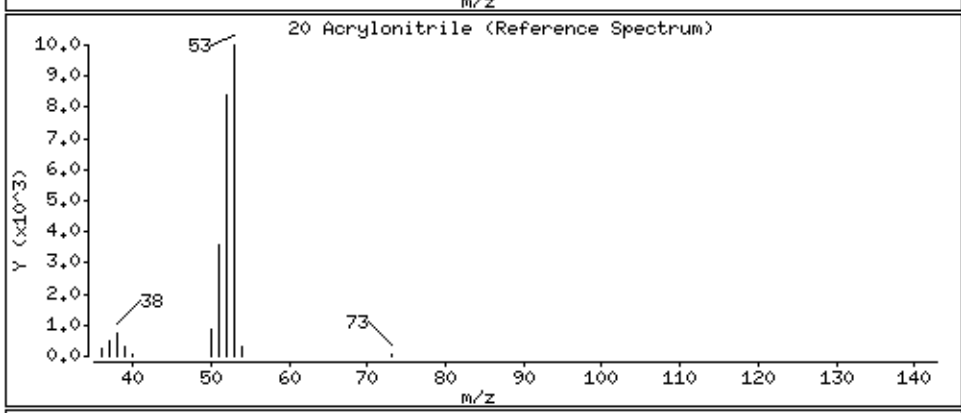
20 Acrylonitrile

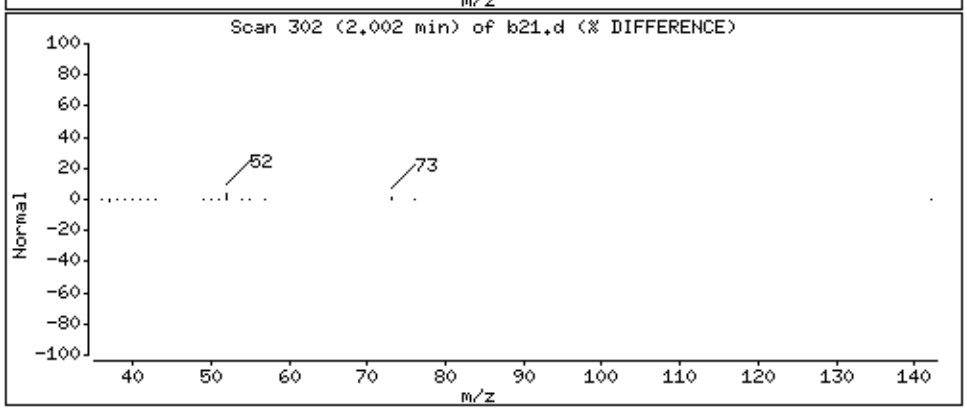
Concentration: 193 ppb

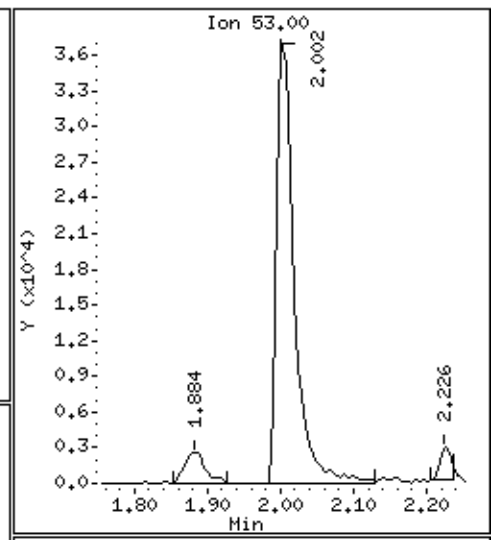
Review Code:

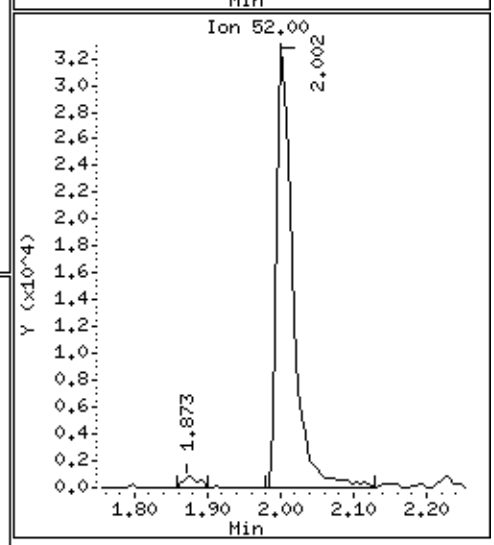












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

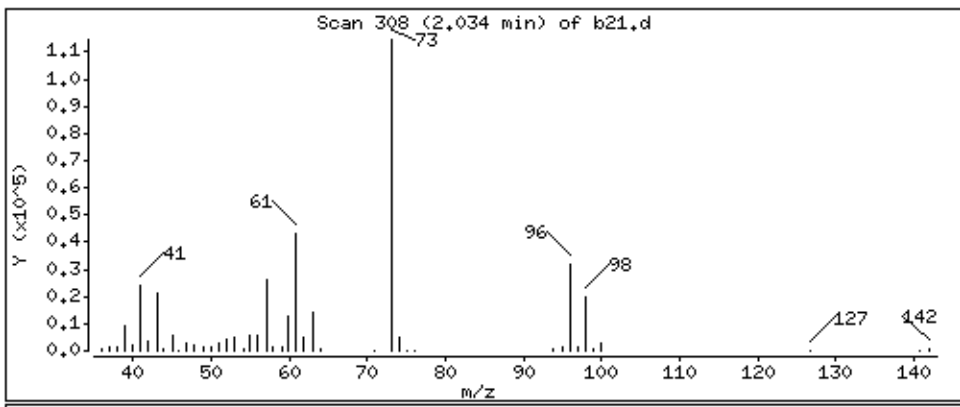
Column phase: DB-624

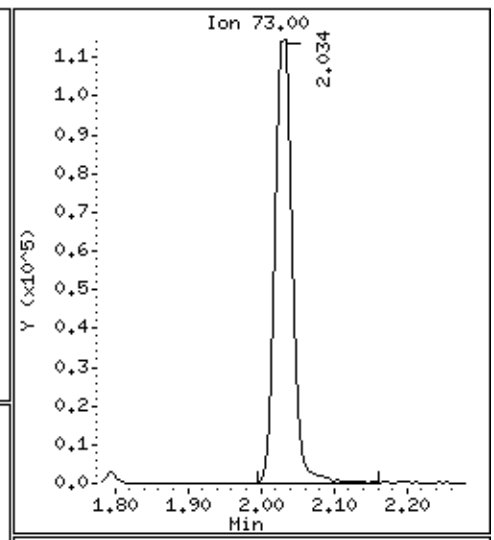
Column diameter: 0.18

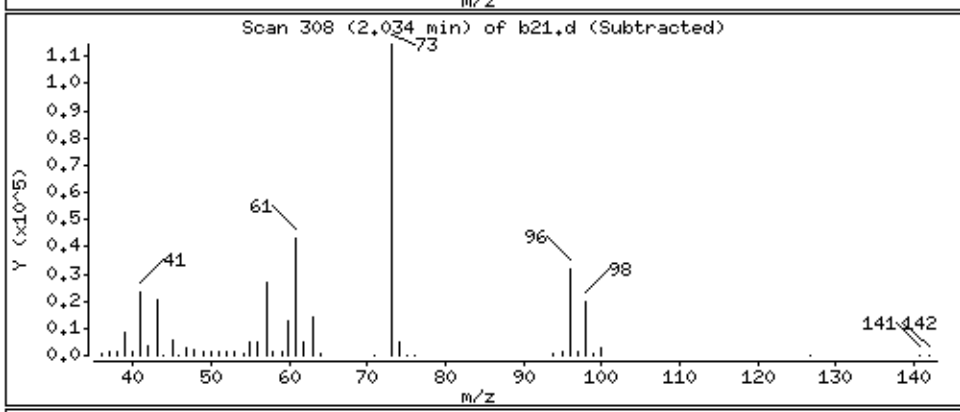
21 Methyl-tert-butyl ether

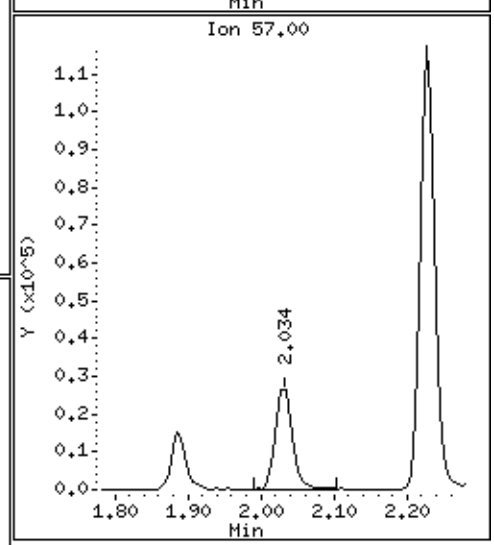
Concentration: 46.1 ppb

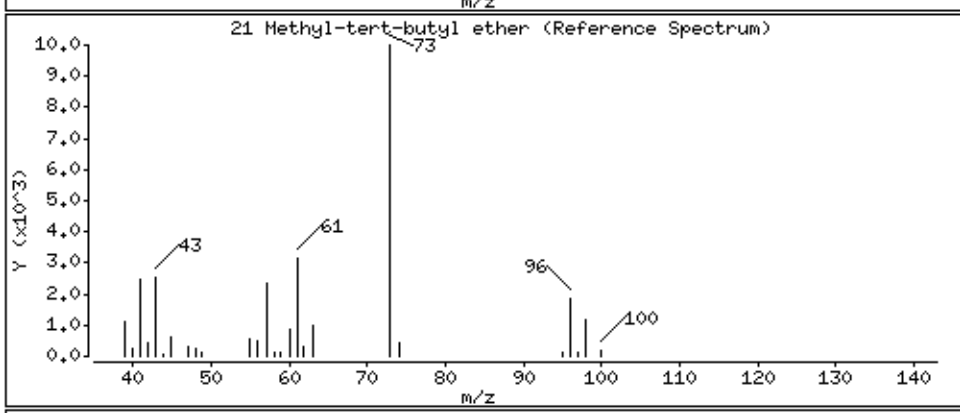
Review Code:

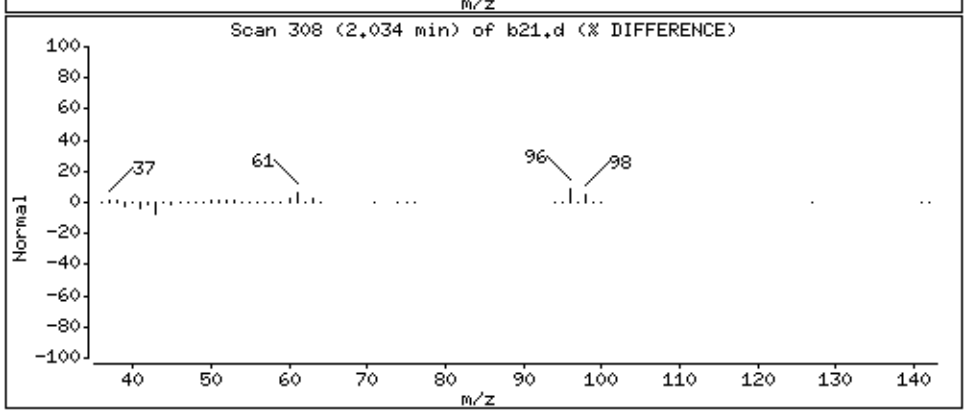












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

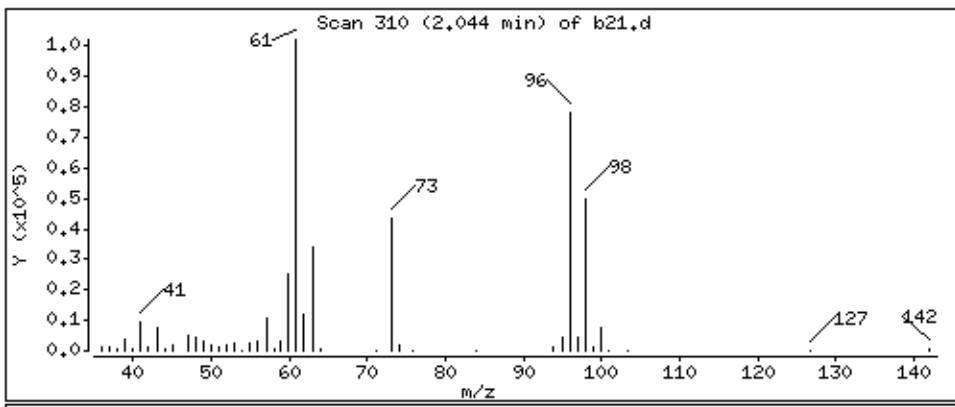
Column phase: DB-624

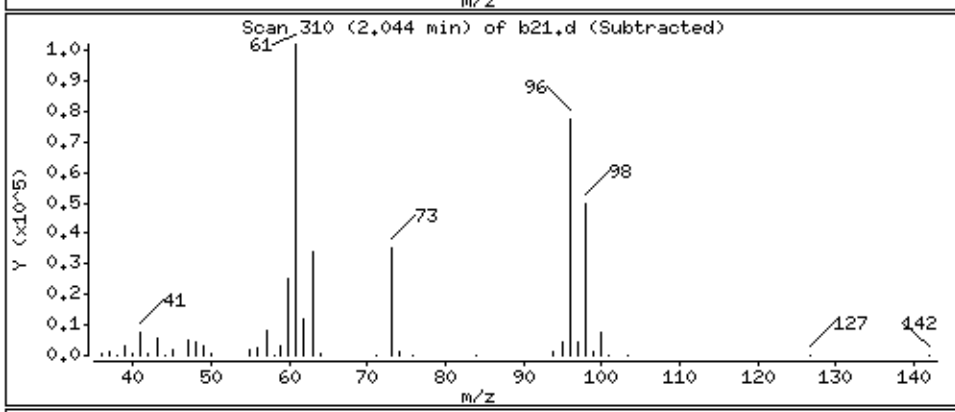
Column diameter: 0.18

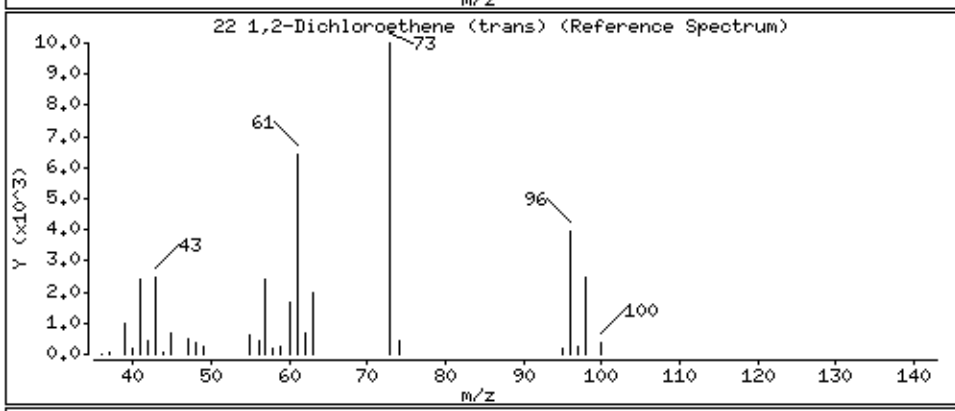
22 1,2-Dichloroethene (trans)

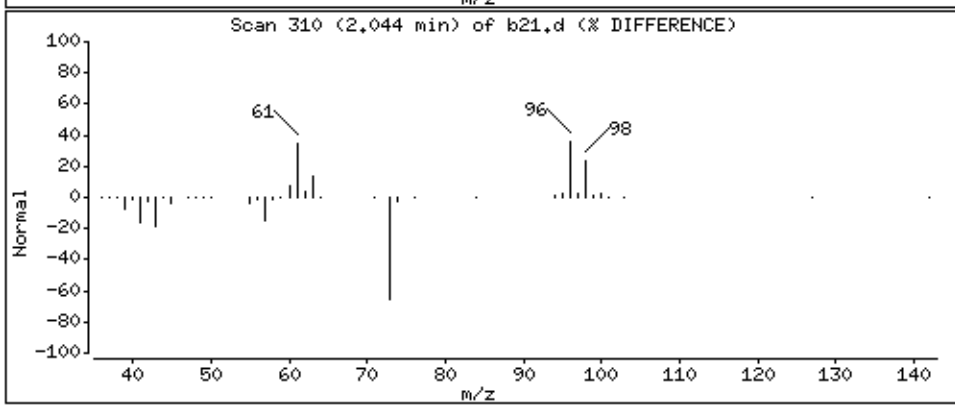
Concentration: 48.7 ppb

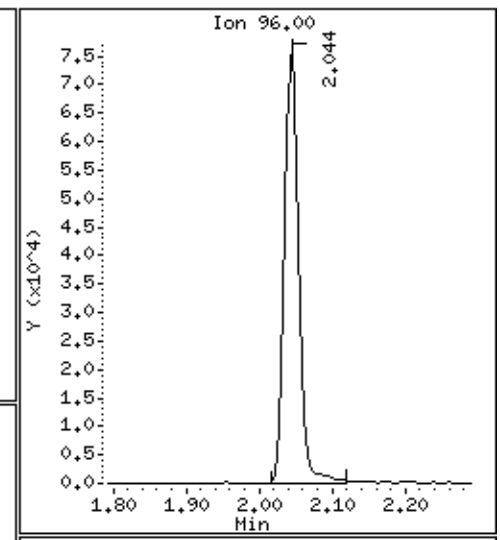
Review Code:

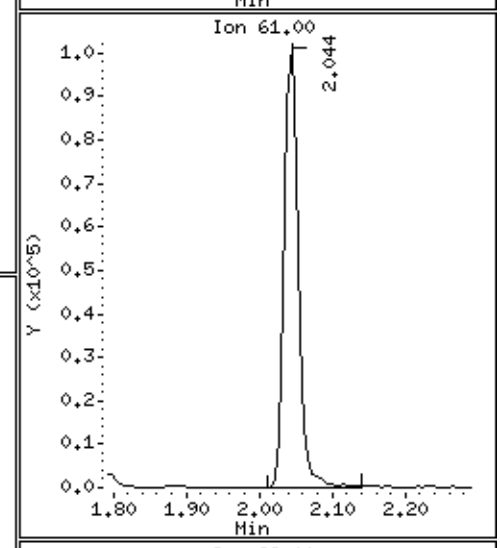


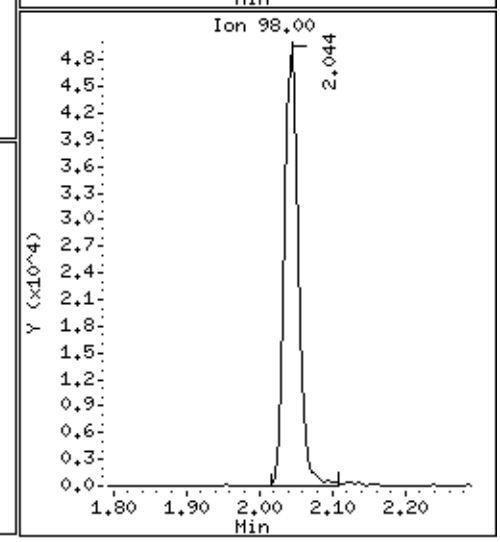












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

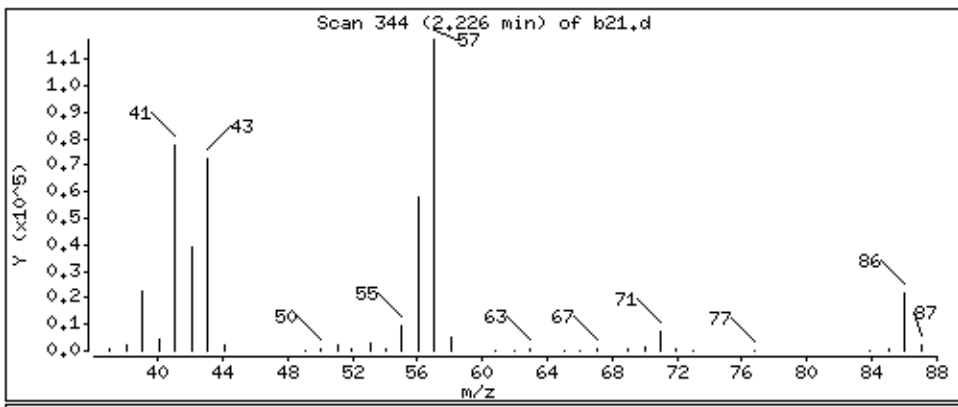
Column phase: DB-624

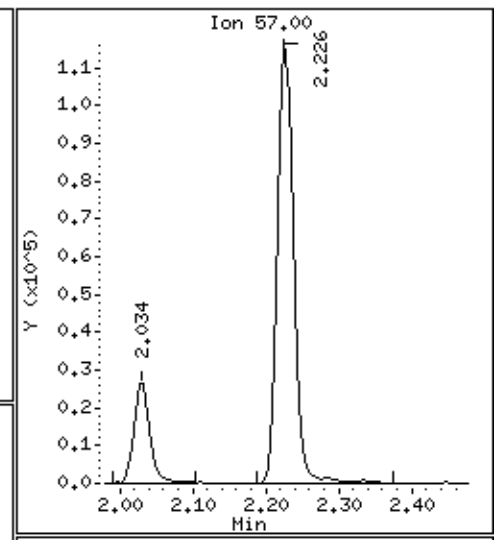
Column diameter: 0.18

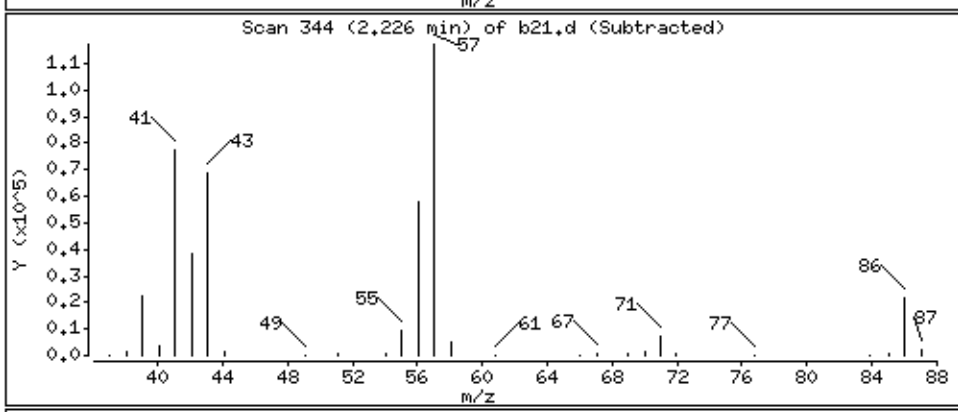
23 n-Hexane

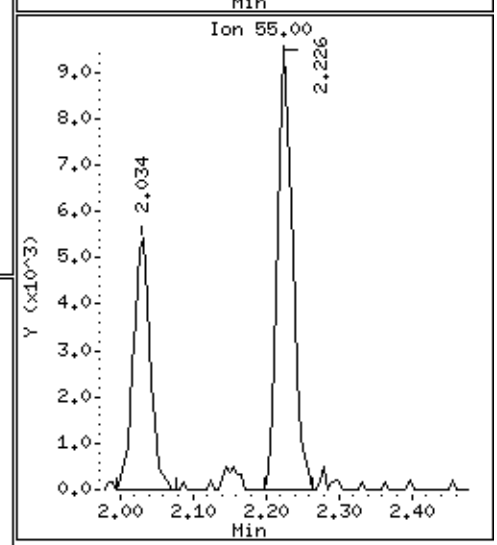
Concentration: 44.7 ppb

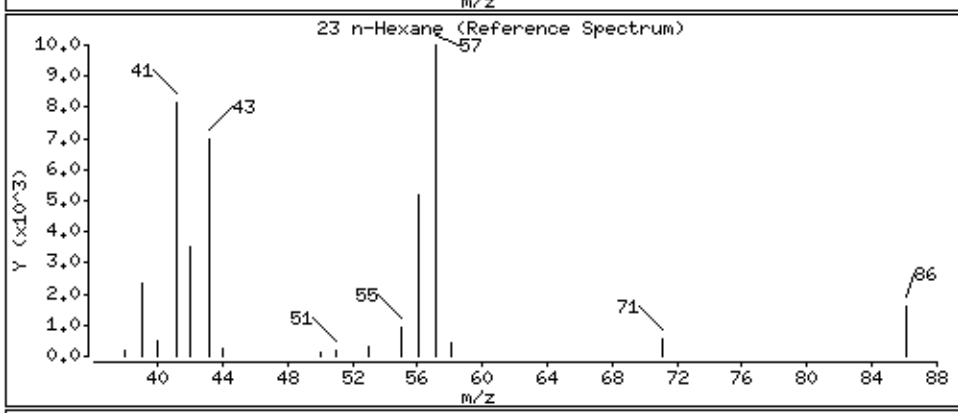
Review Code:

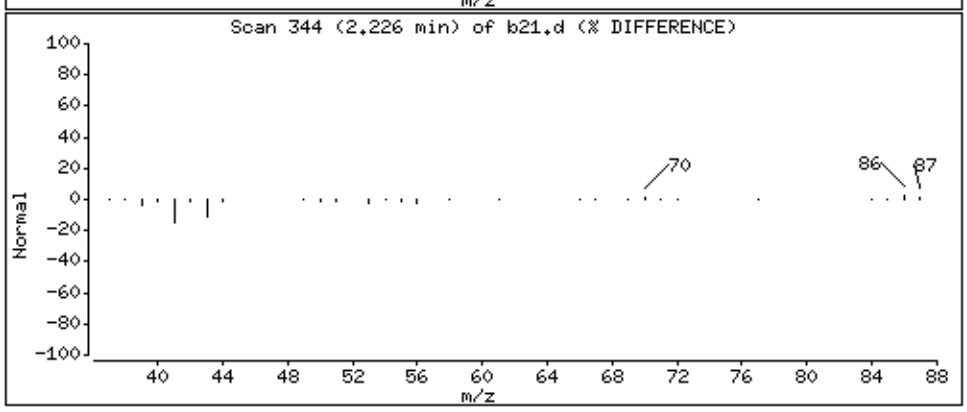












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

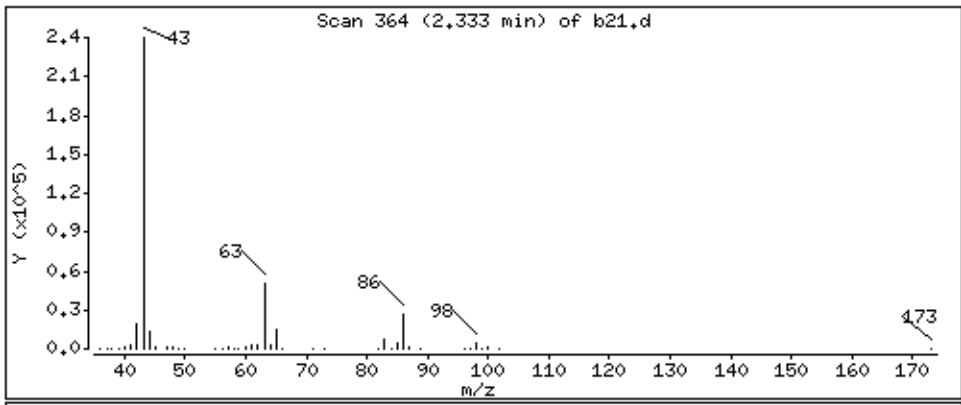
Column phase: DB-624

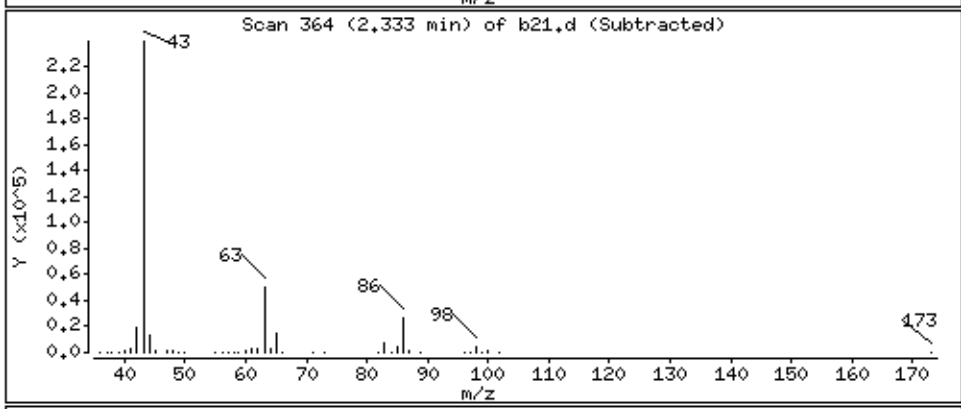
Column diameter: 0.18

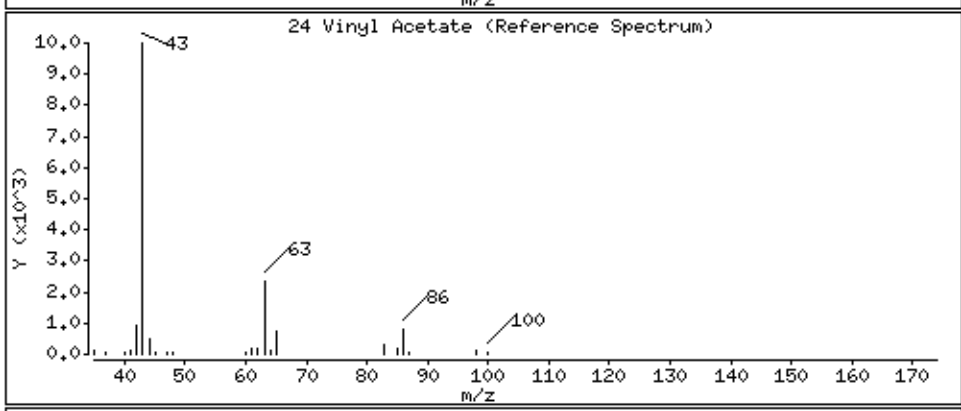
24 Vinyl Acetate

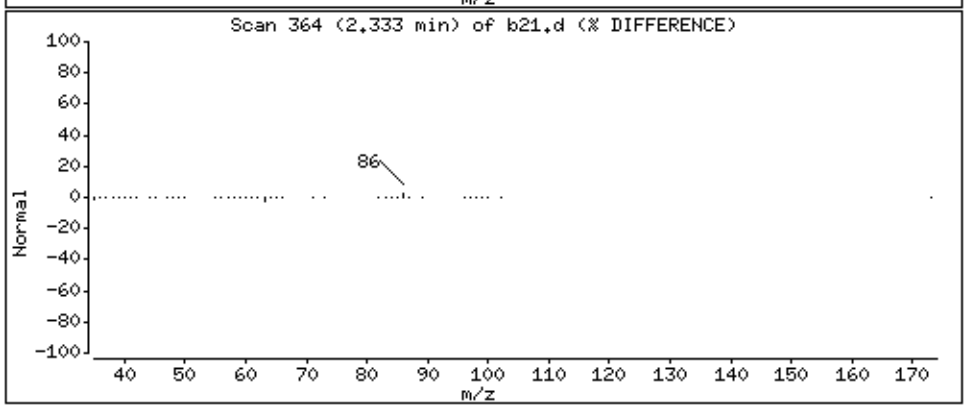
Concentration: 149 ppb

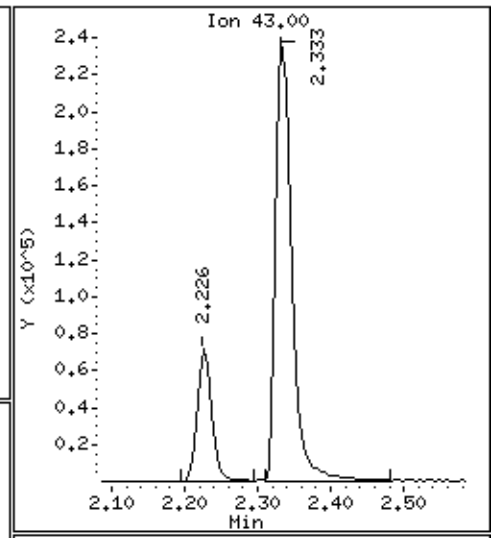
Review Code:

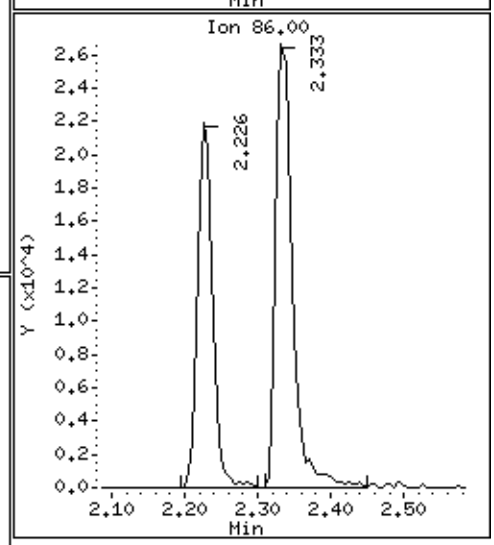












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

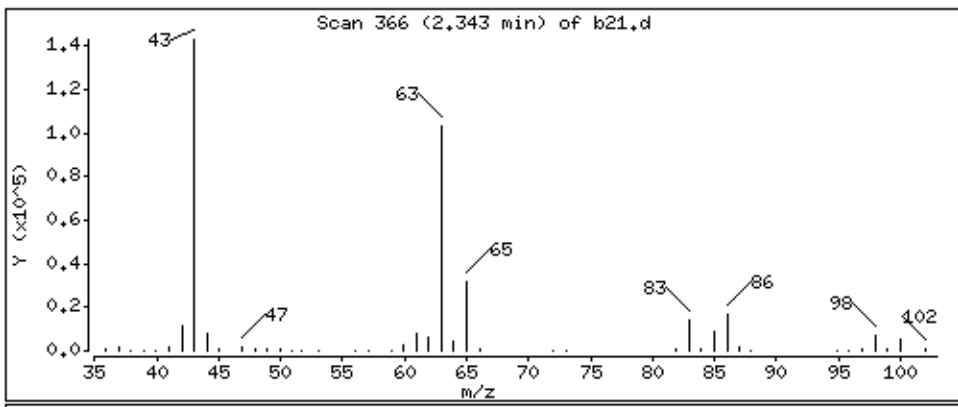
Column phase: DB-624

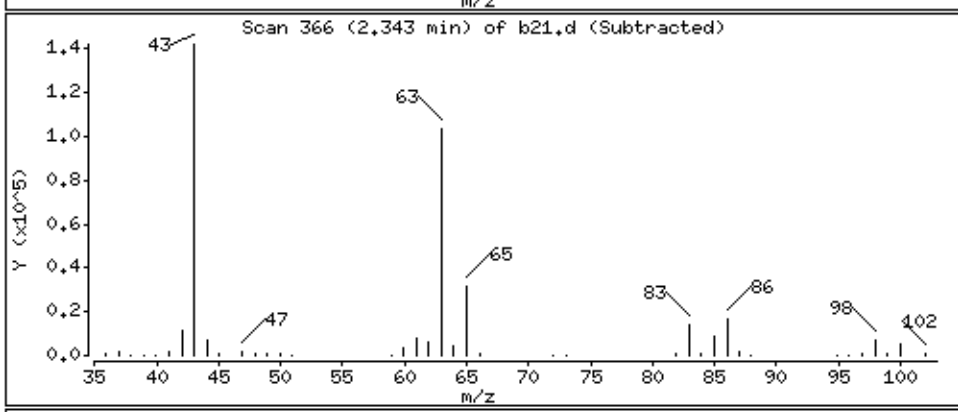
Column diameter: 0.18

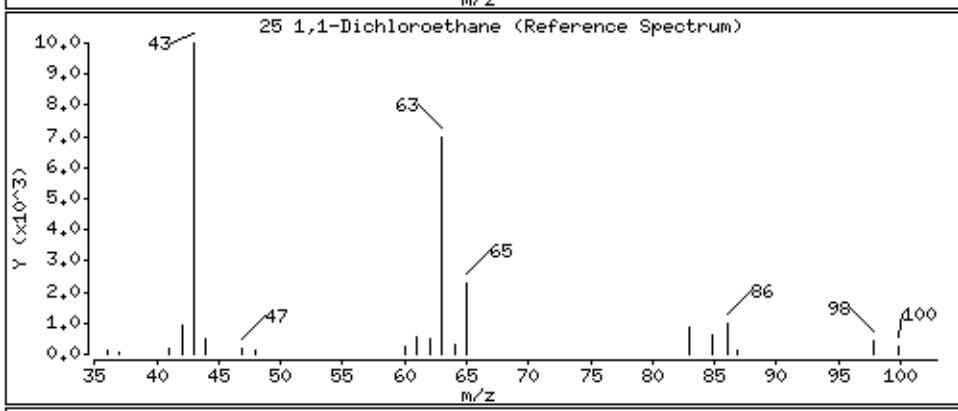
25 1,1-Dichloroethane

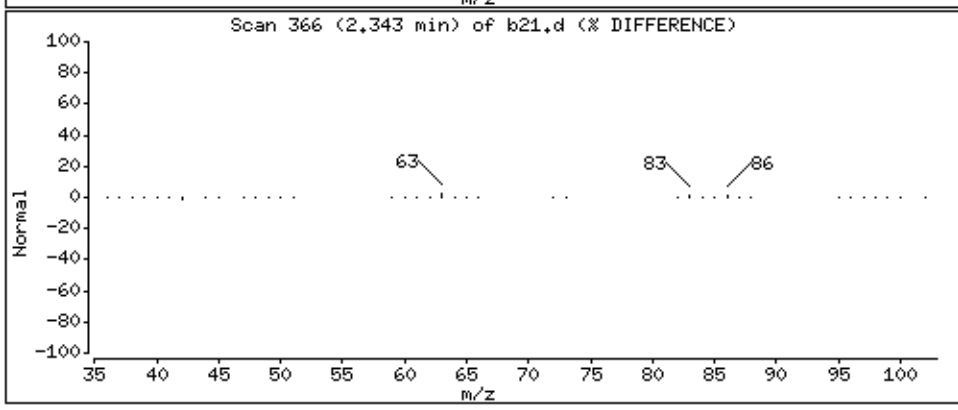
Concentration: 47.0 ppb

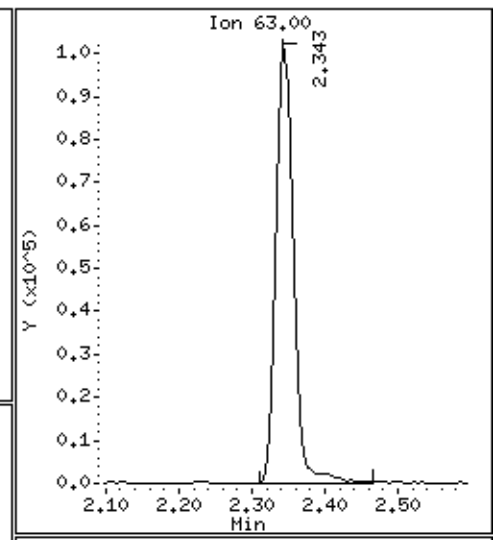
Review Code:

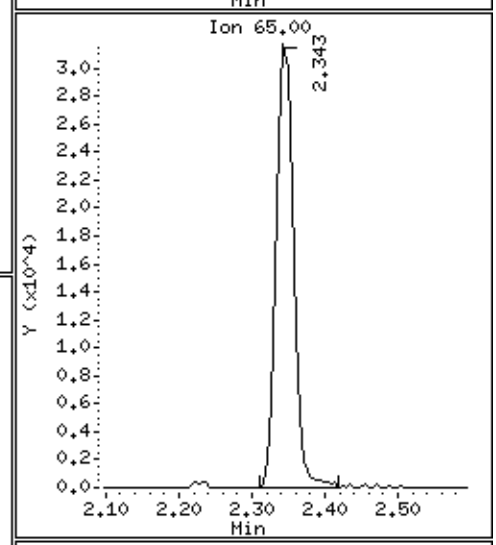


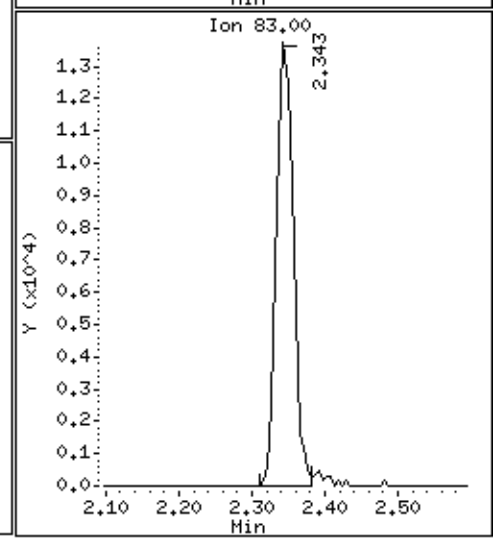












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

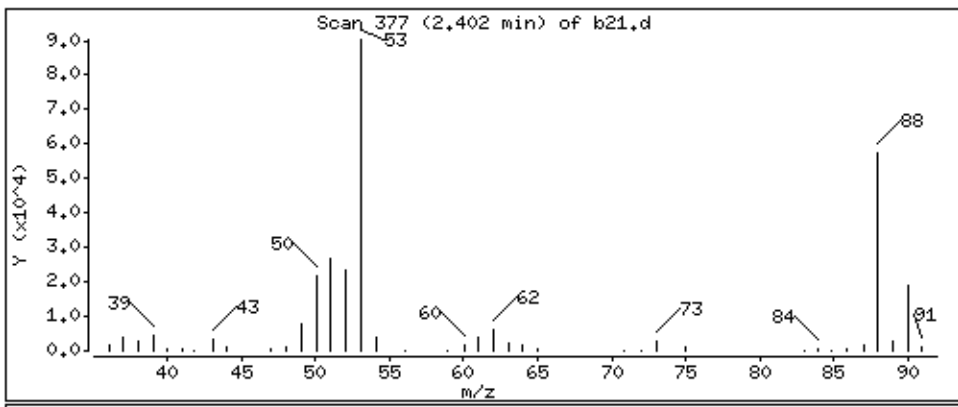
Column phase: DB-624

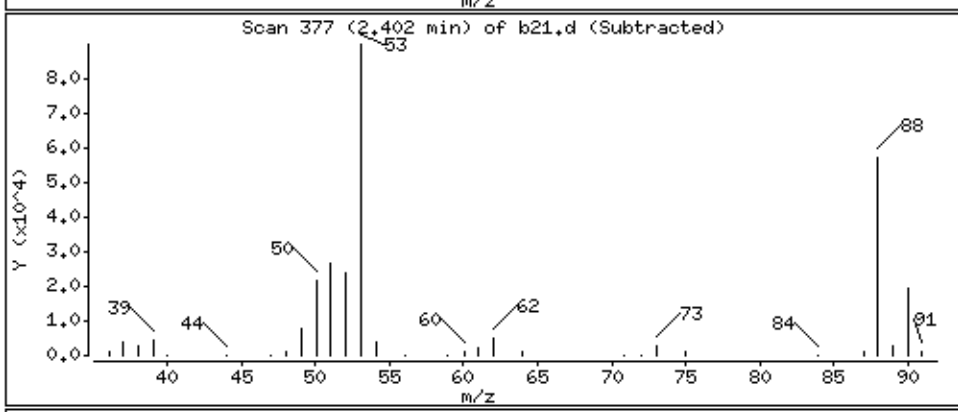
Column diameter: 0.18

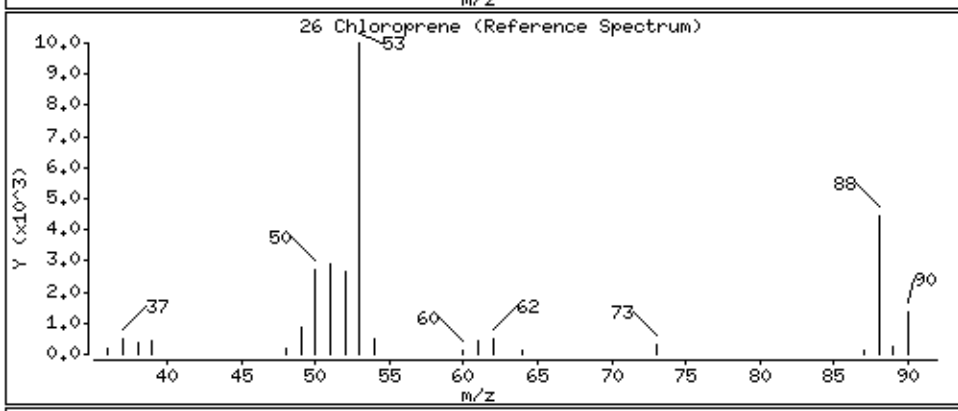
26 Chloroprene

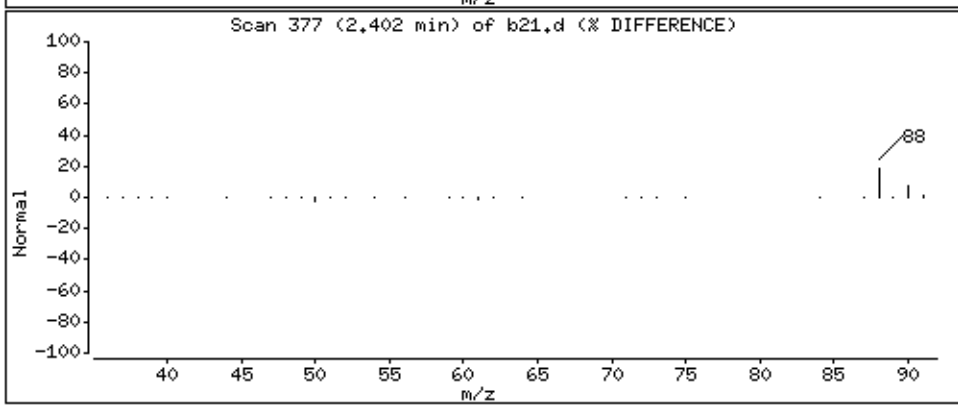
Concentration: 41.7 ppb

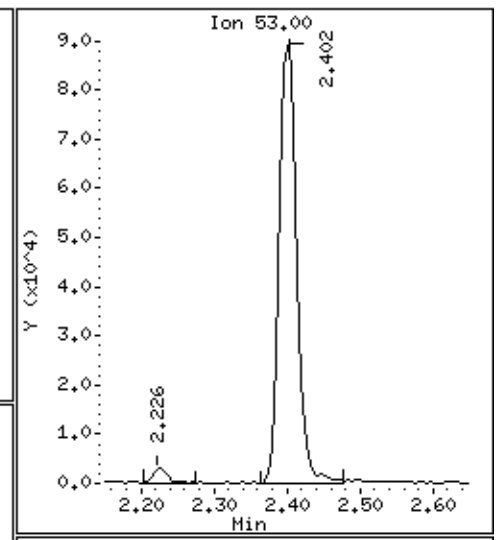
Review Code:

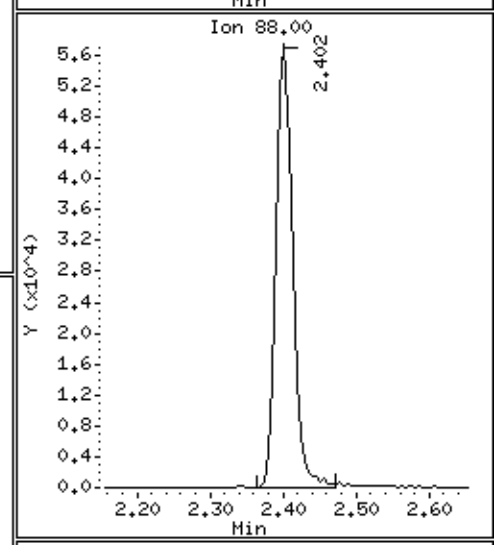


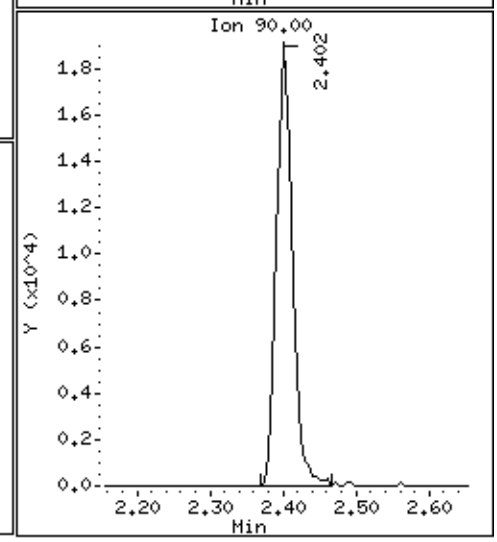












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

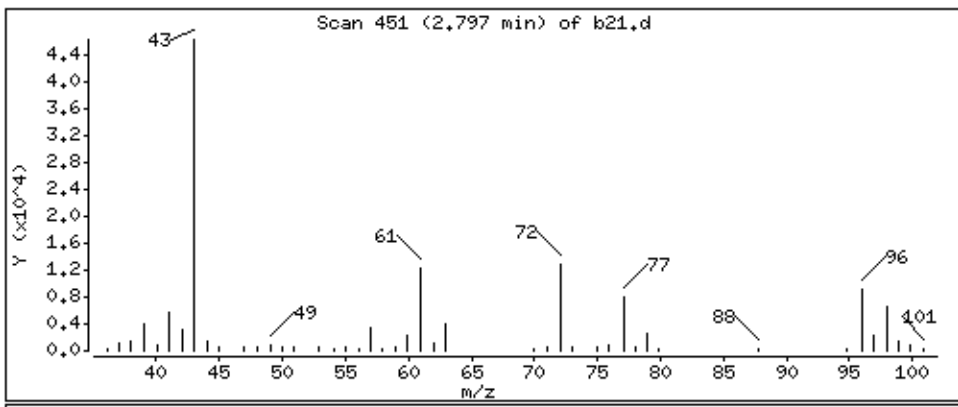
Column phase: DB-624

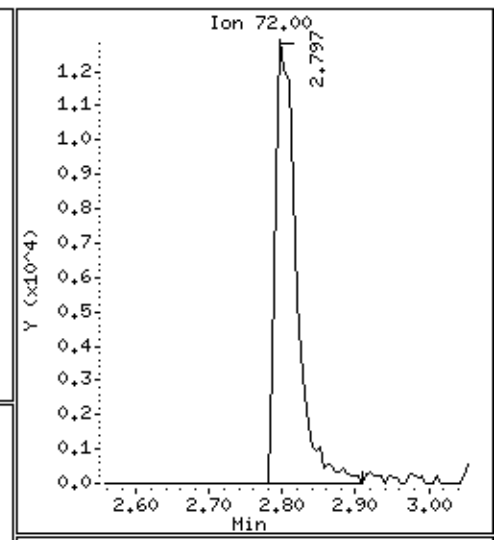
Column diameter: 0.18

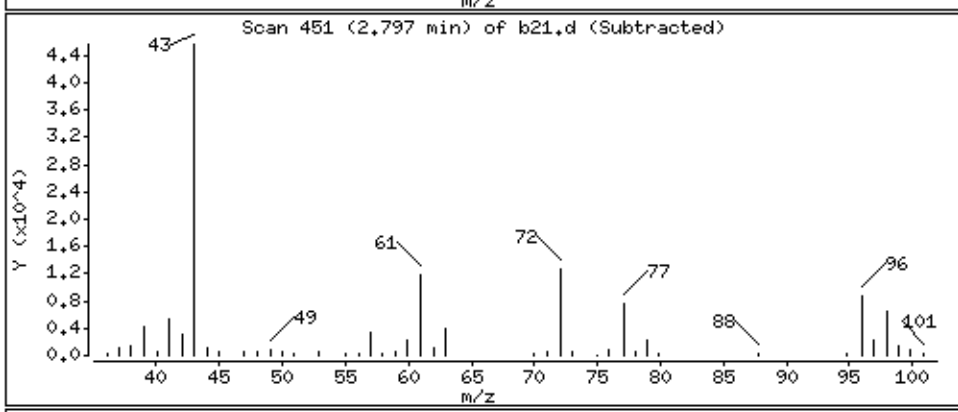
27 2-Butanone

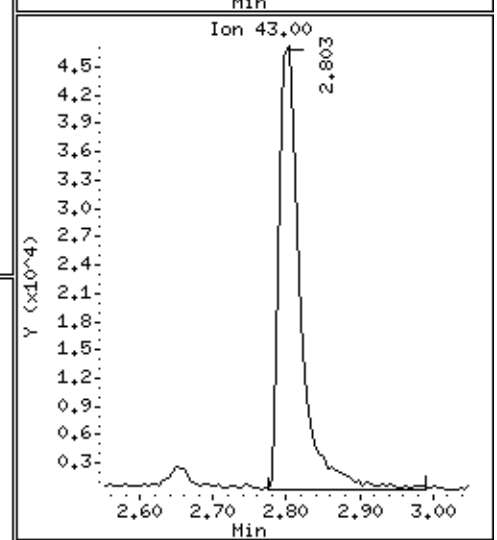
Concentration: 288 ppb

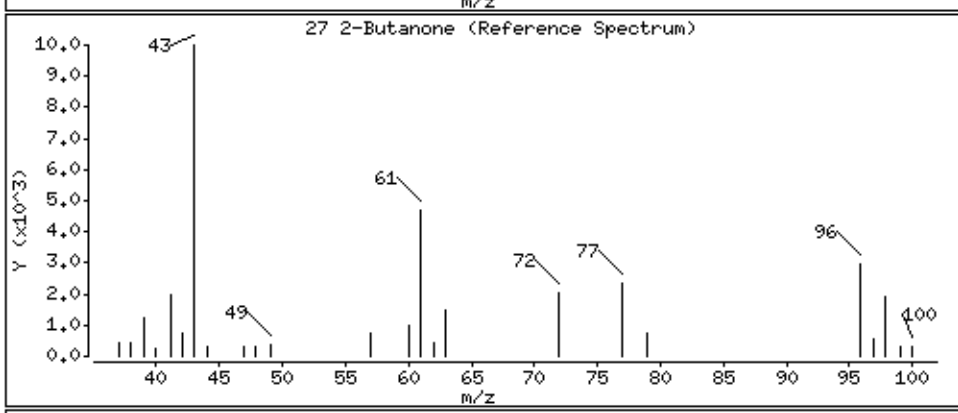
Review Code:

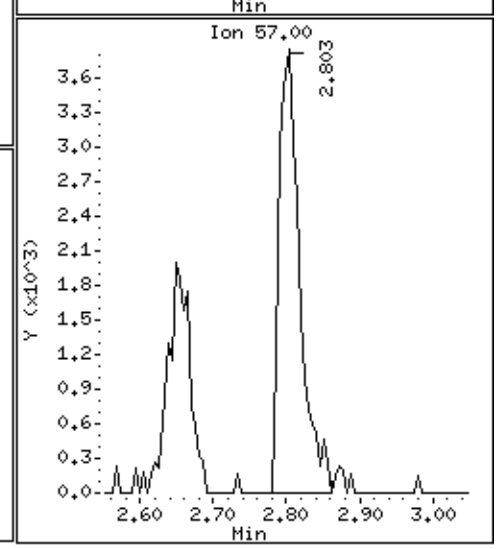


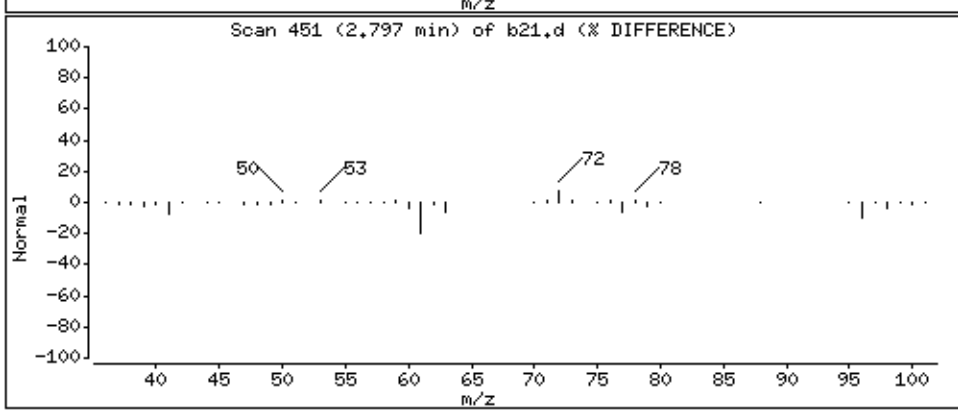












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

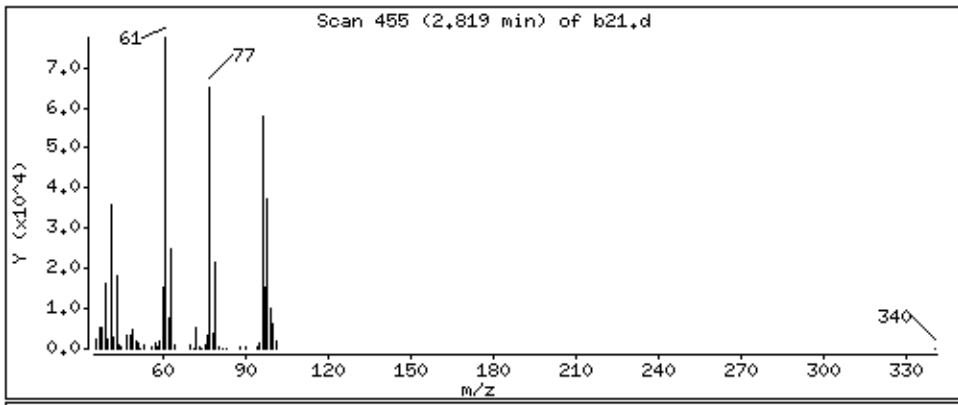
Column phase: DB-624

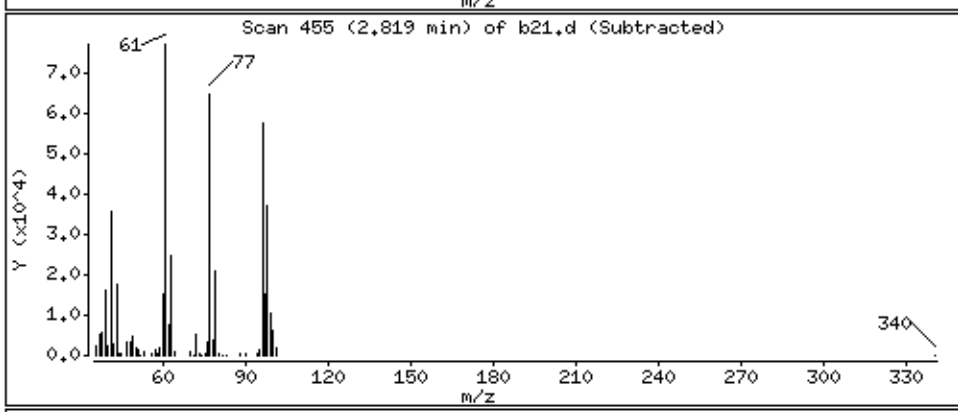
Column diameter: 0.18

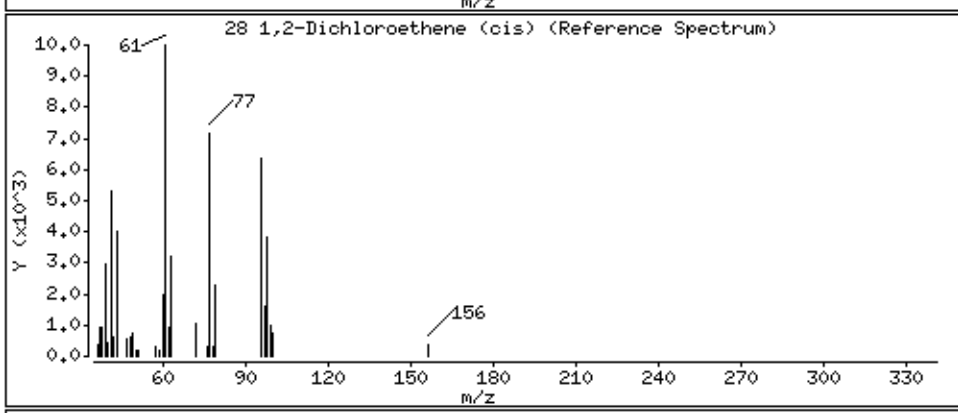
28 1,2-Dichloroethene (cis)

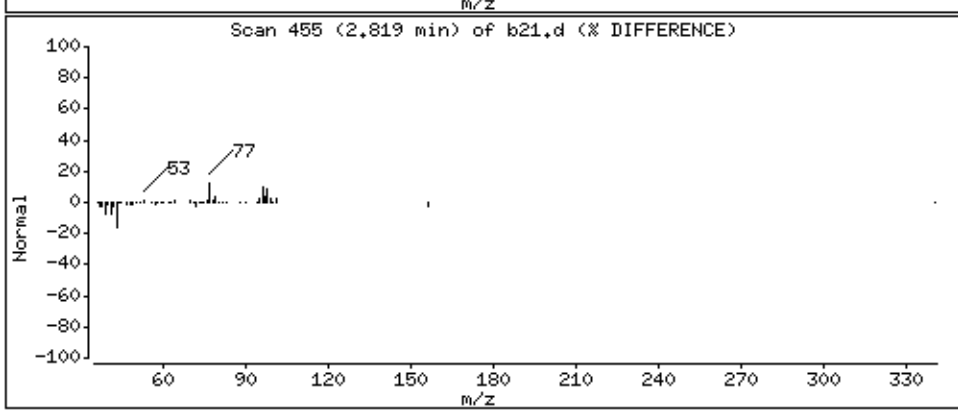
Concentration: 49.0 ppb

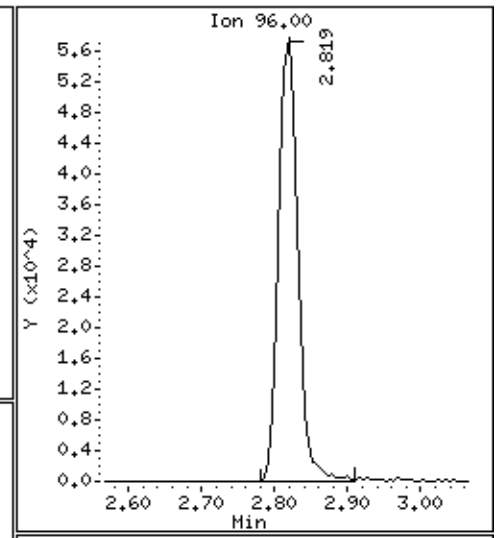
Review Code:

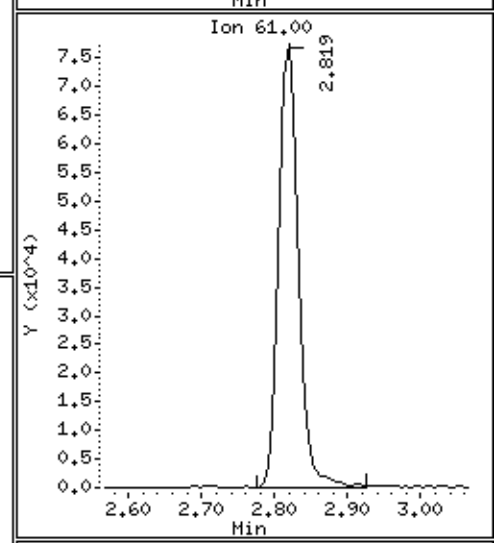


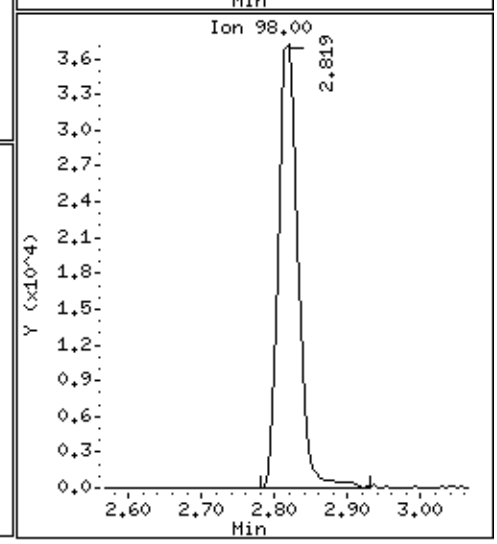












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

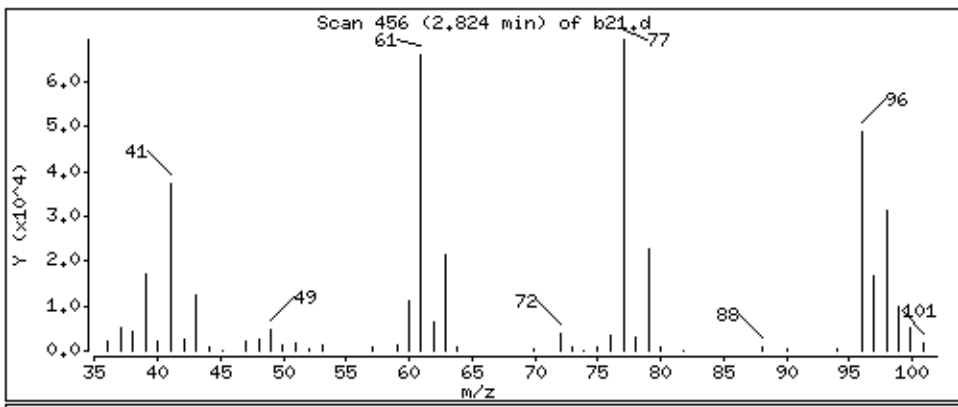
Column phase: DB-624

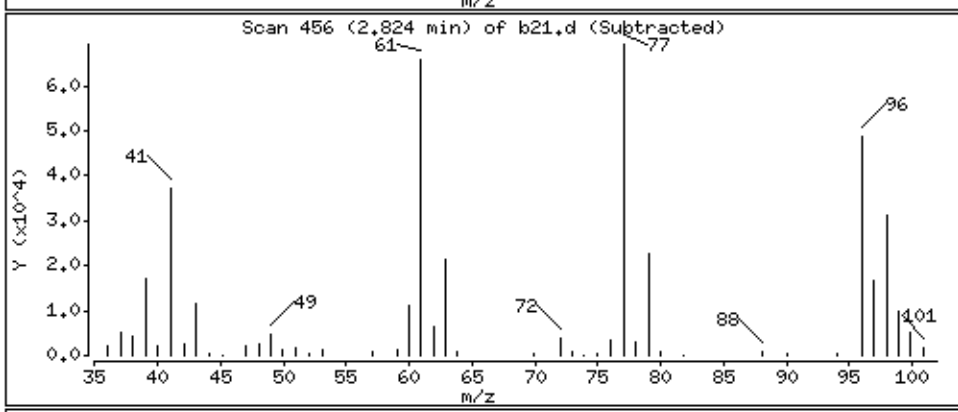
Column diameter: 0.18

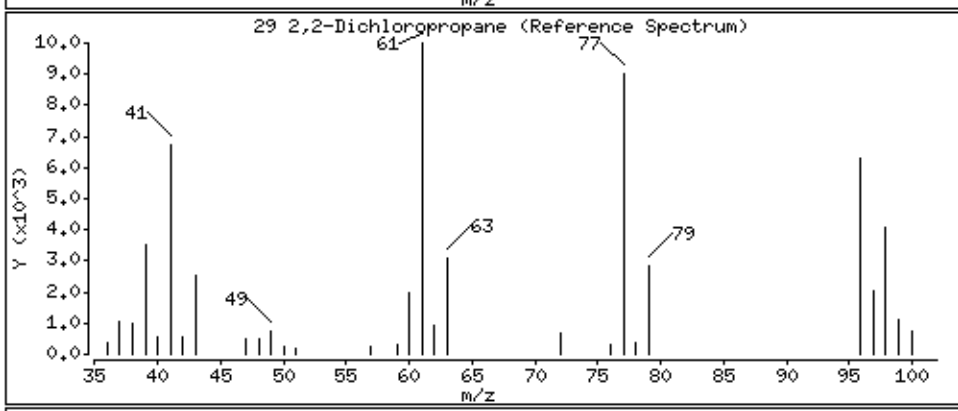
29 2,2-Dichloropropane

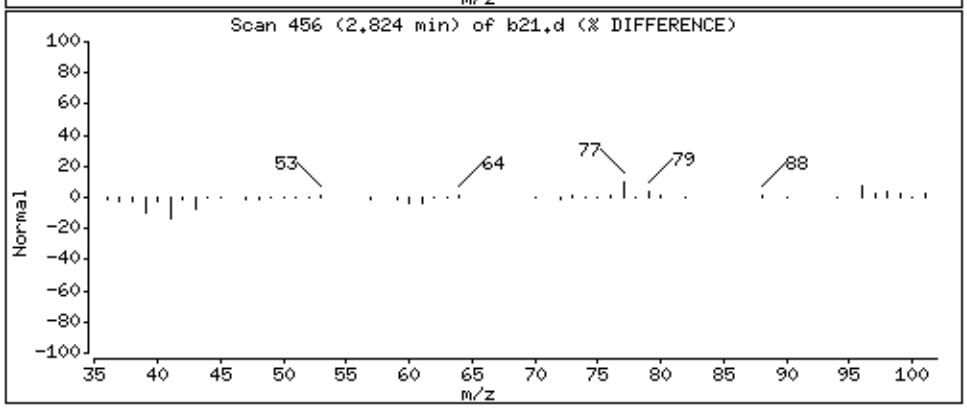
Concentration: 41.8 ppb

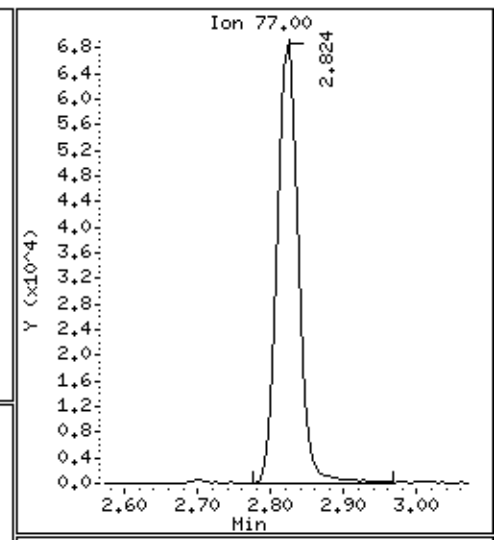
Review Code:

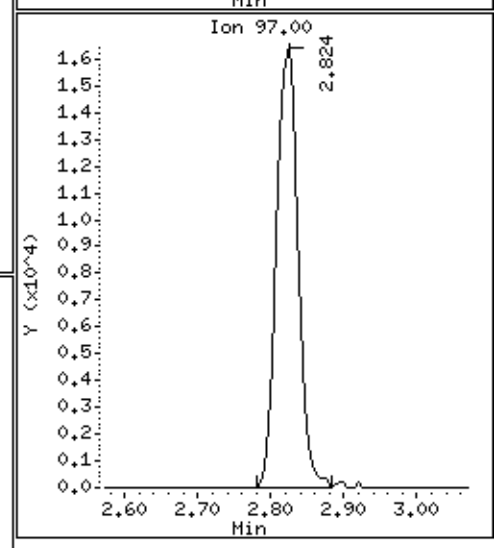












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

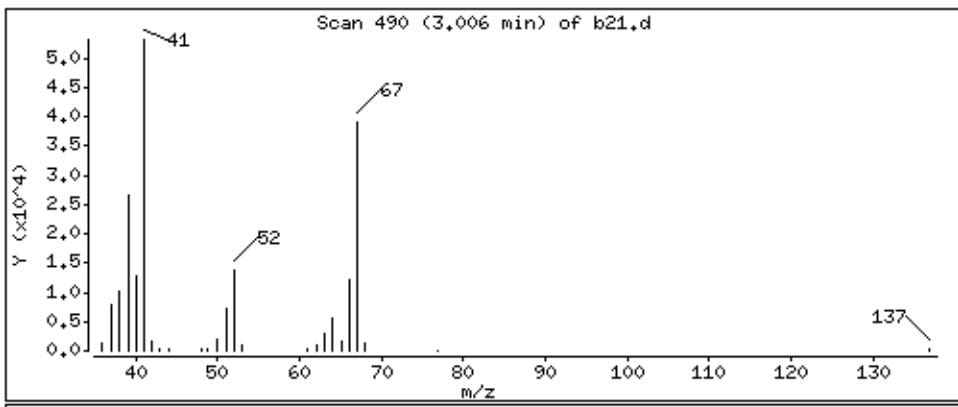
Column phase: DB-624

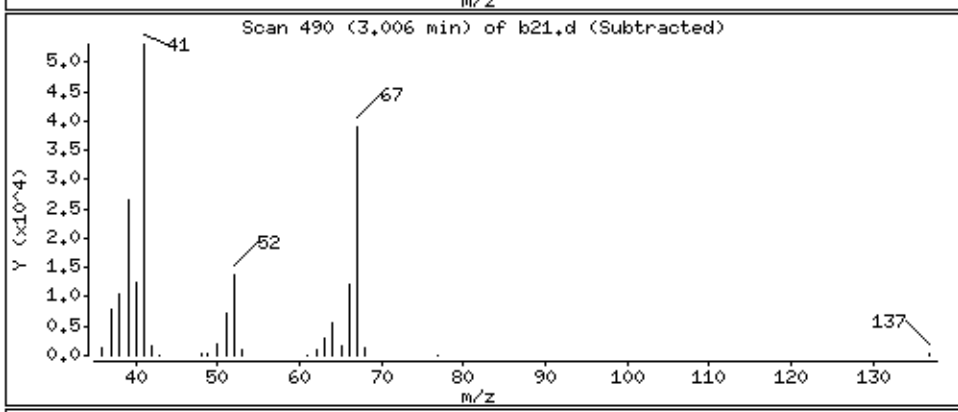
Column diameter: 0.18

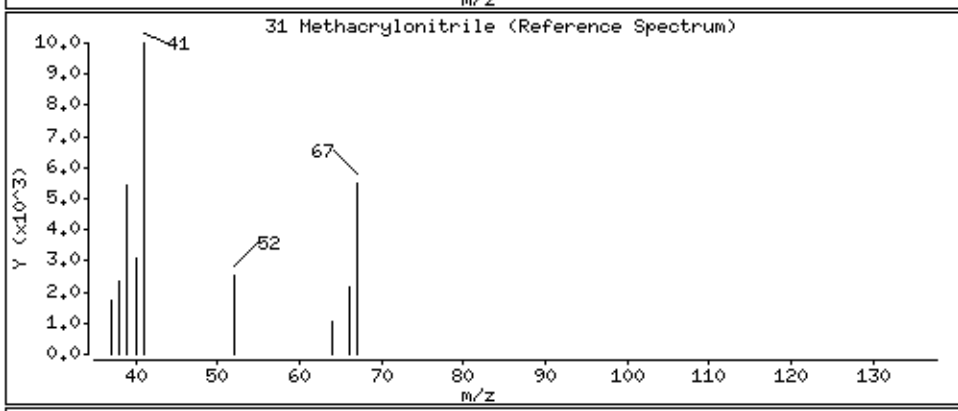
31 Methacrylonitrile

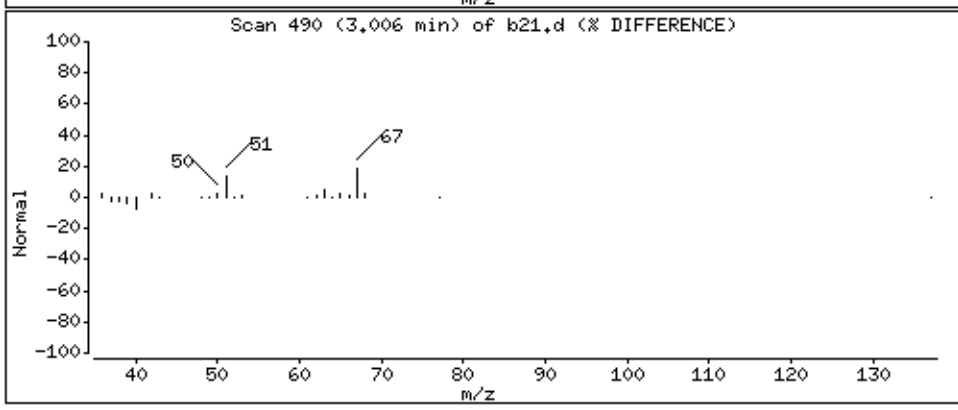
Concentration: 213 ppb

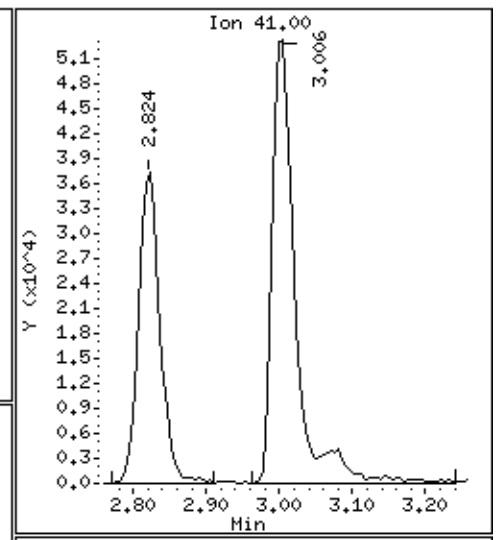
Review Code:

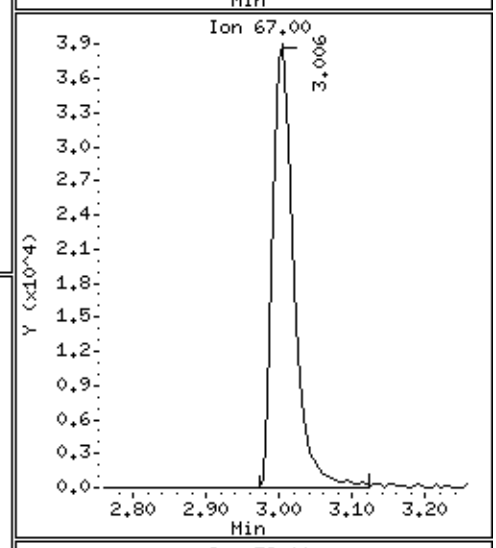


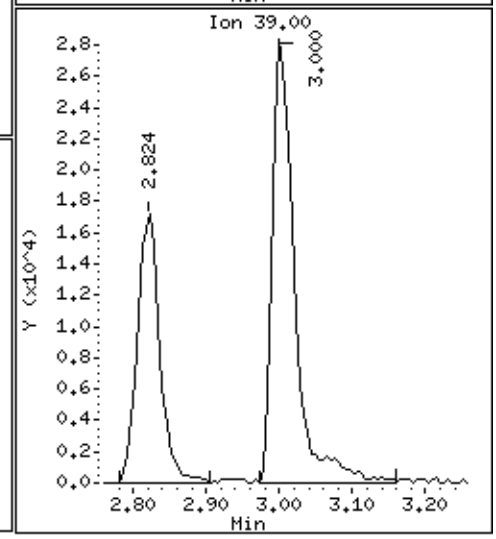












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

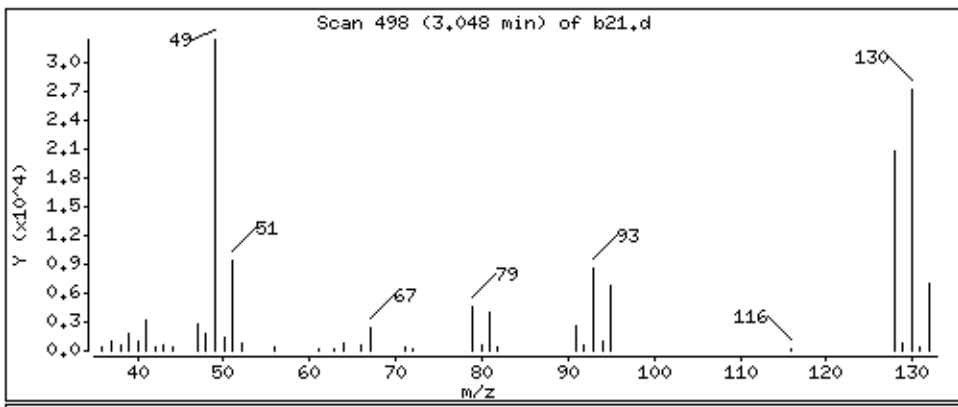
Column phase: DB-624

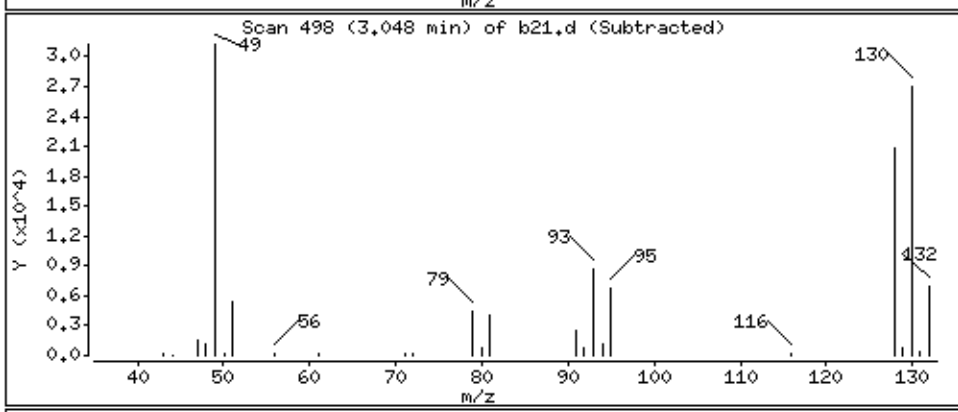
Column diameter: 0.18

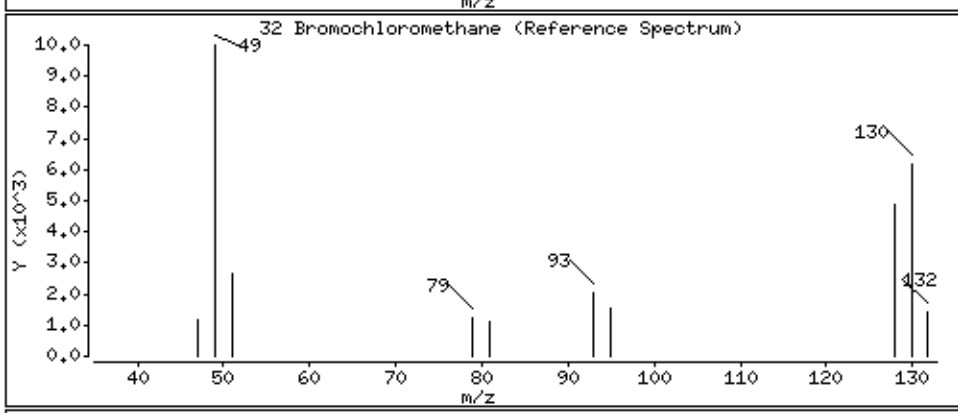
32 Bromochloromethane

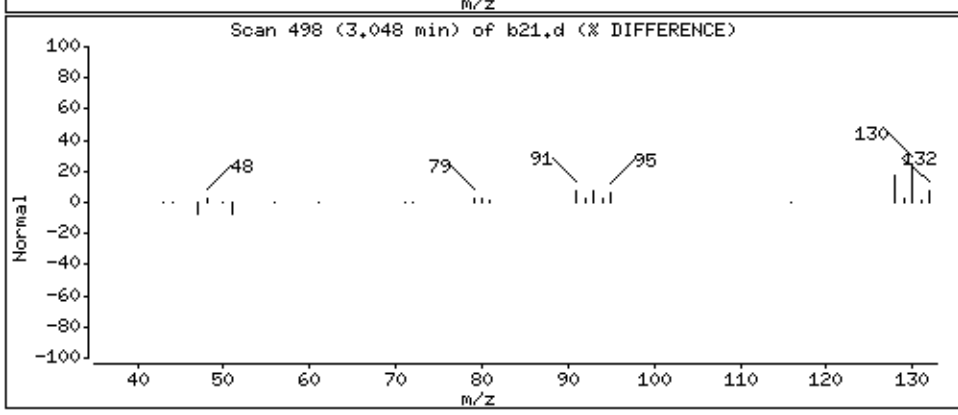
Concentration: 47.8 ppb

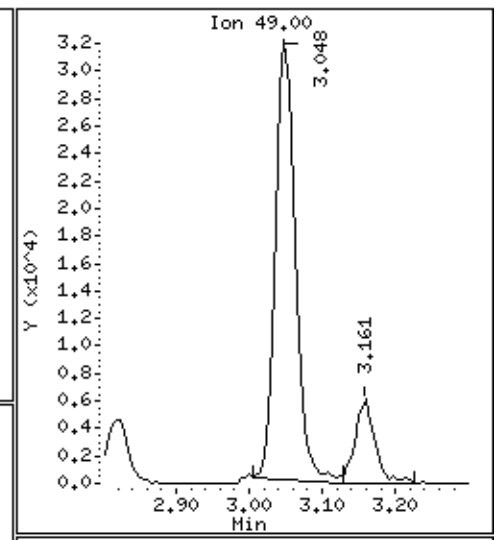
Review Code:

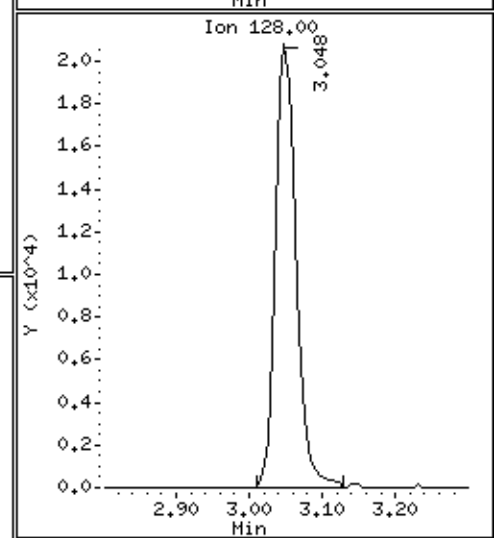


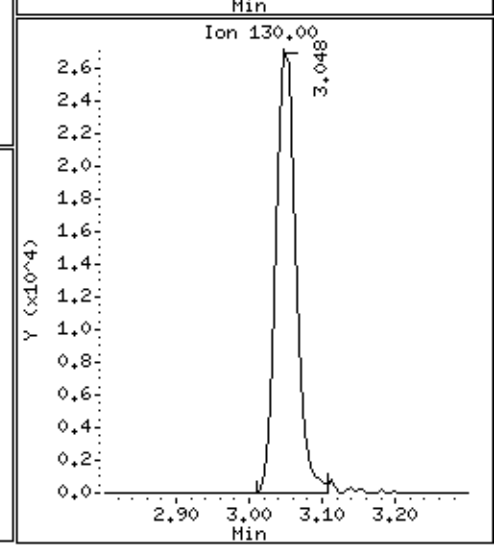












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

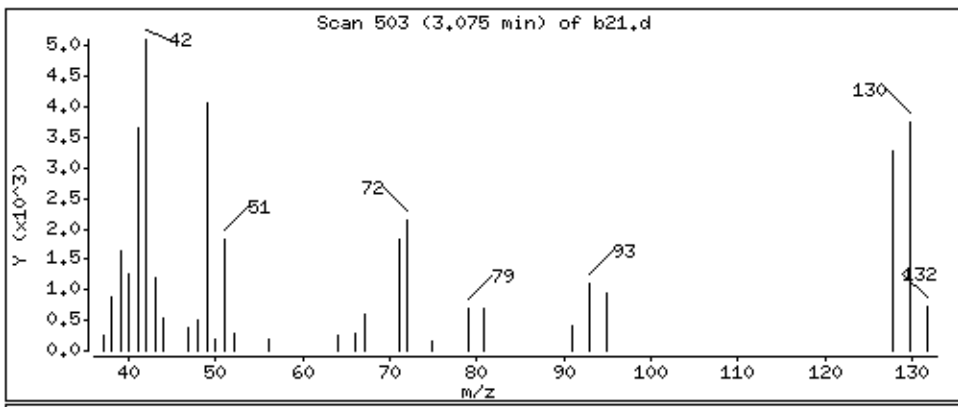
Column phase: DB-624

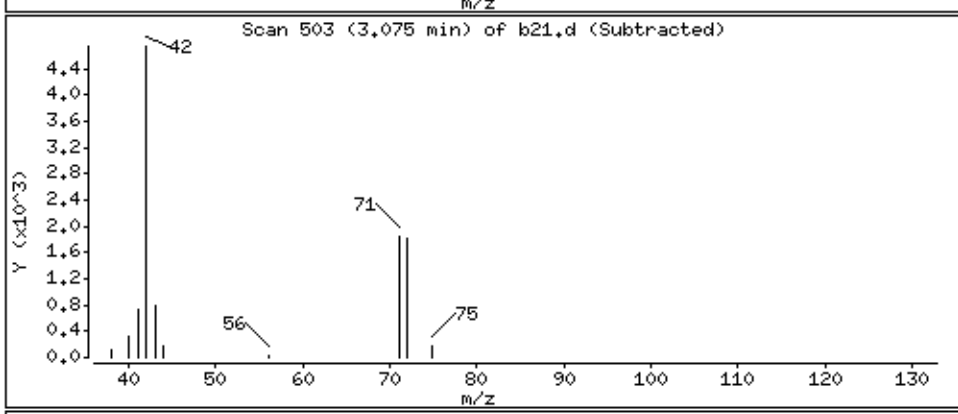
Column diameter: 0.18

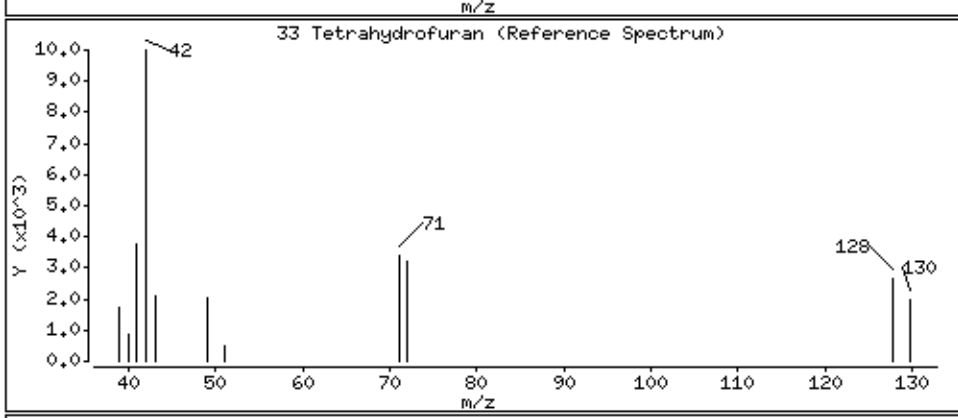
33 Tetrahydrofuran

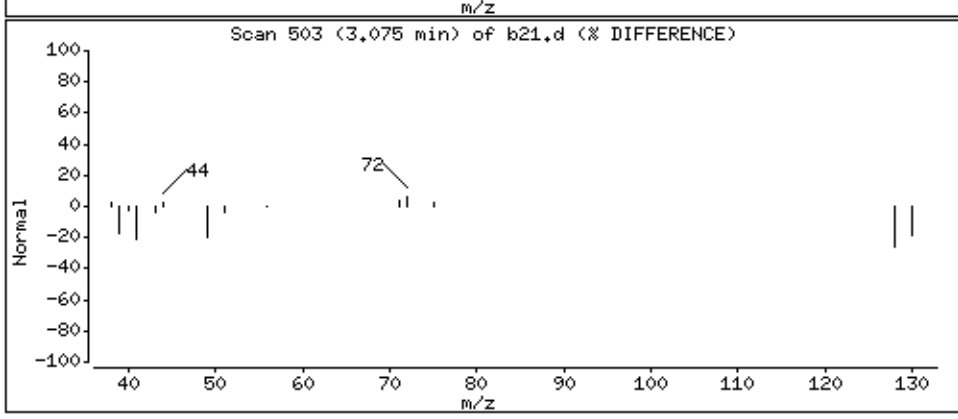
Concentration: 45.0 ppb

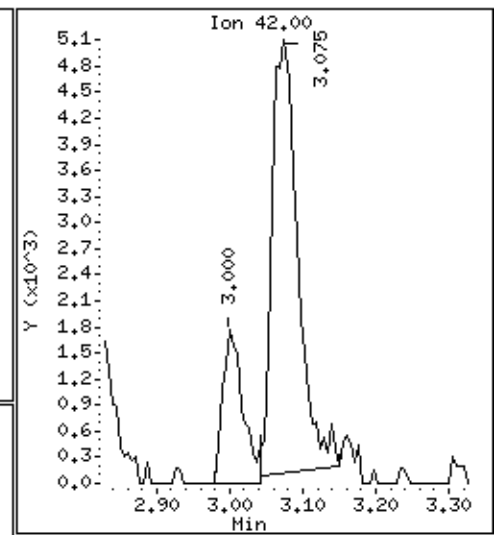
Review Code:

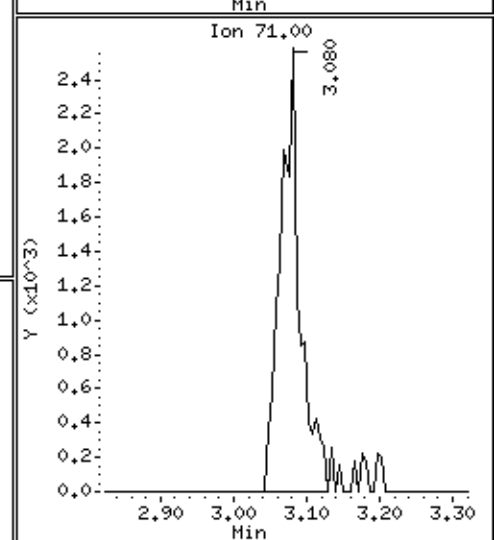


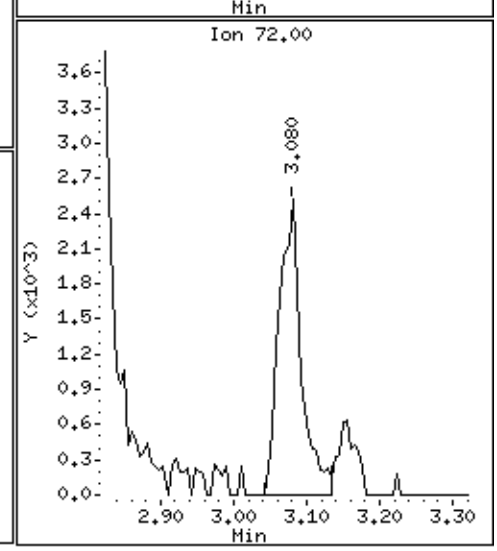












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

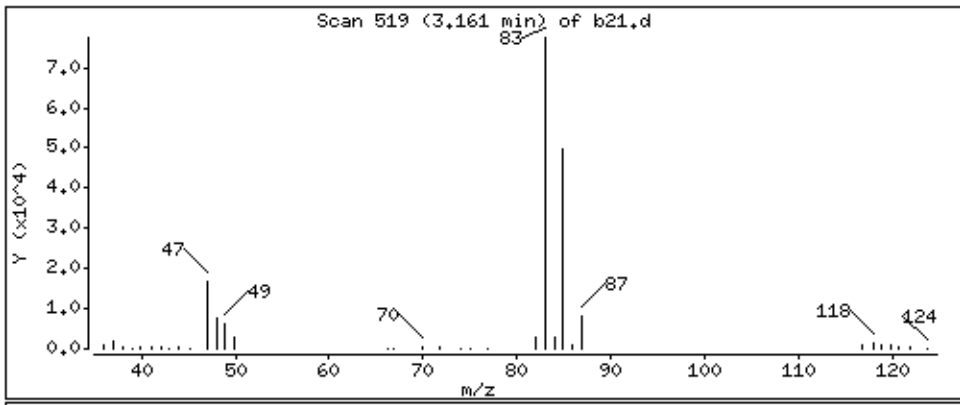
Column phase: DB-624

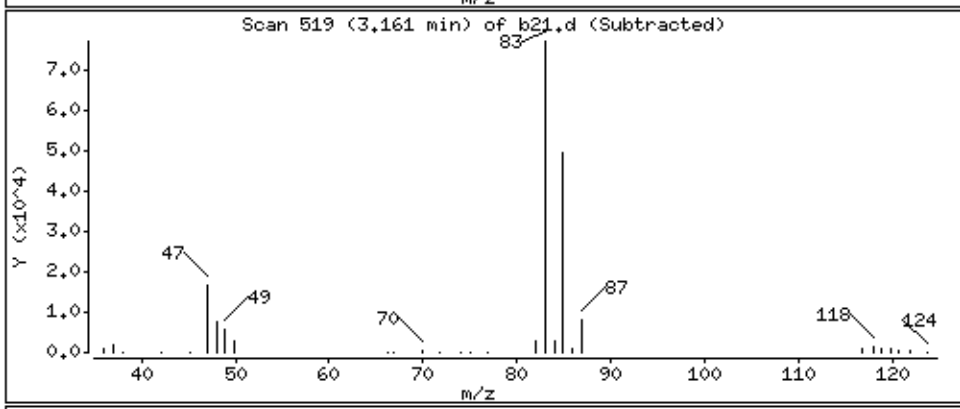
Column diameter: 0.18

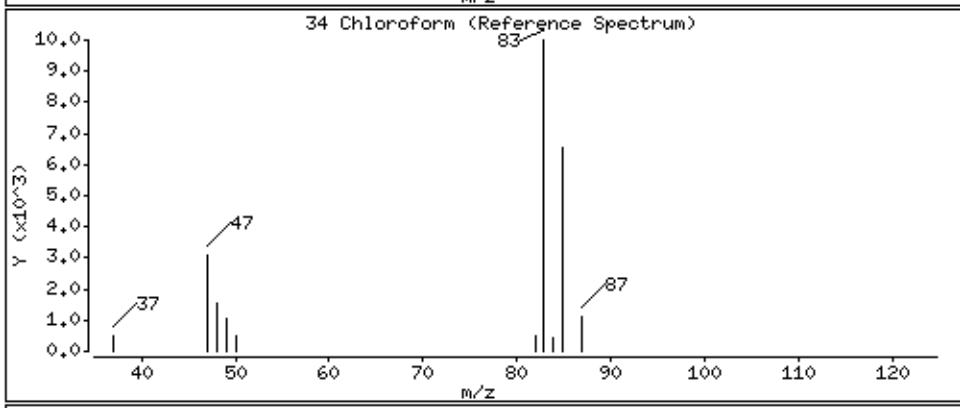
34 Chloroform

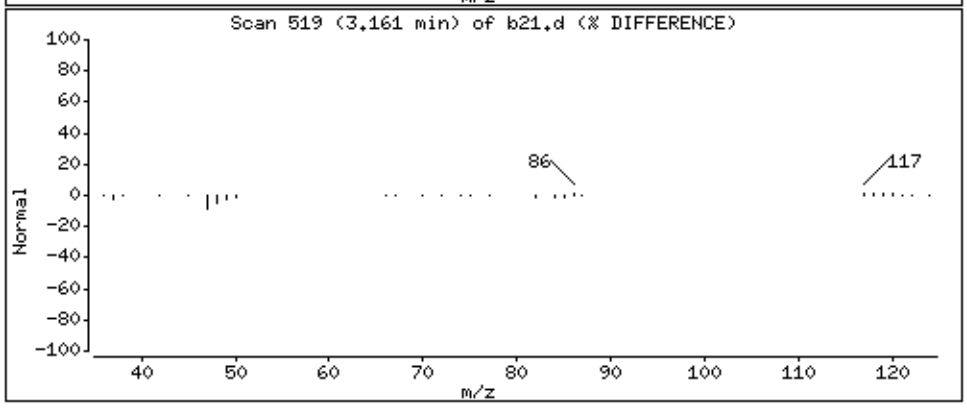
Concentration: 47.2 ppb

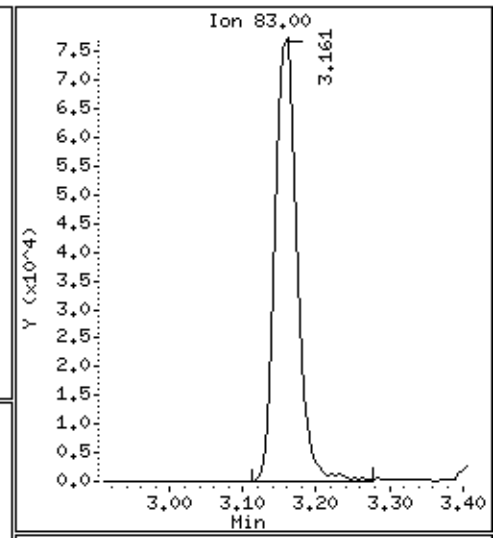
Review Code:

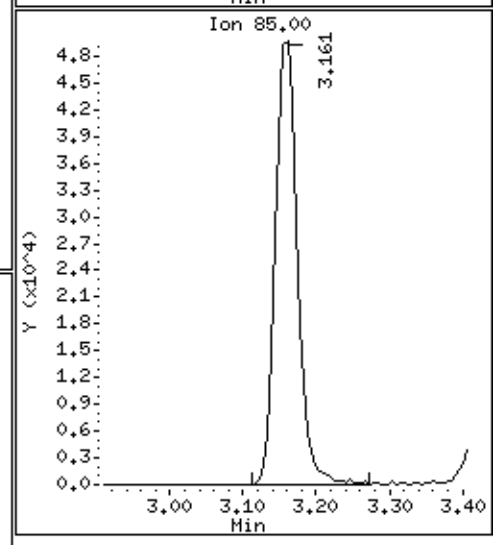












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

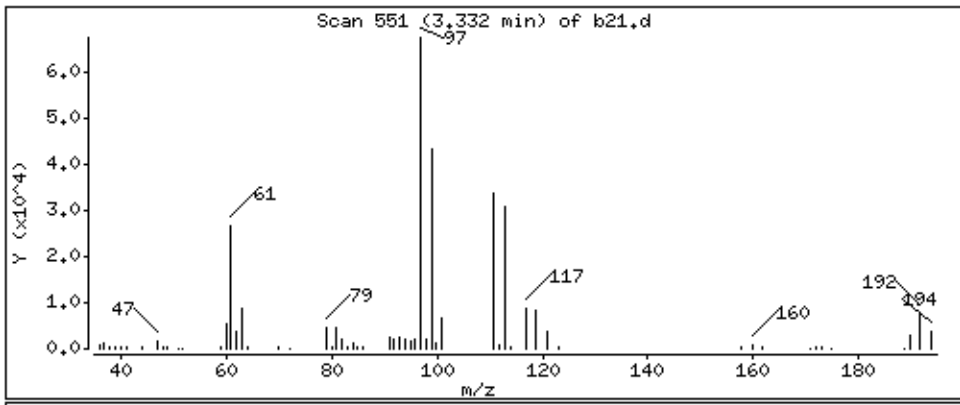
Column phase: DB-624

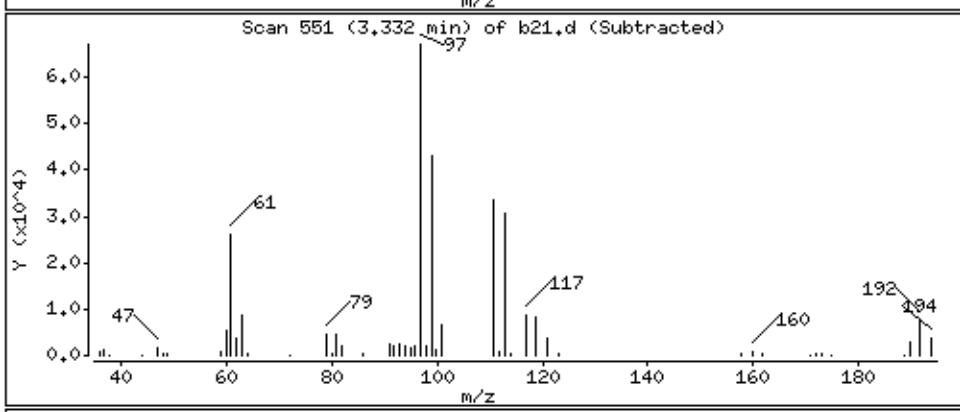
Column diameter: 0.18

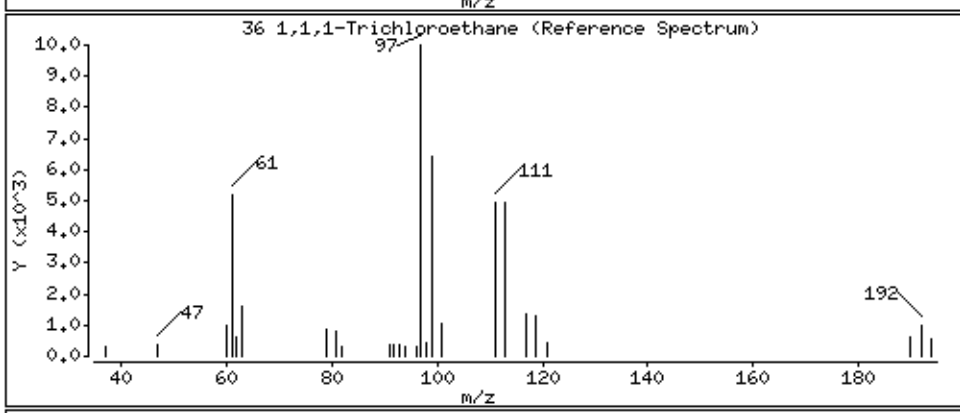
36 1,1,1-Trichloroethane

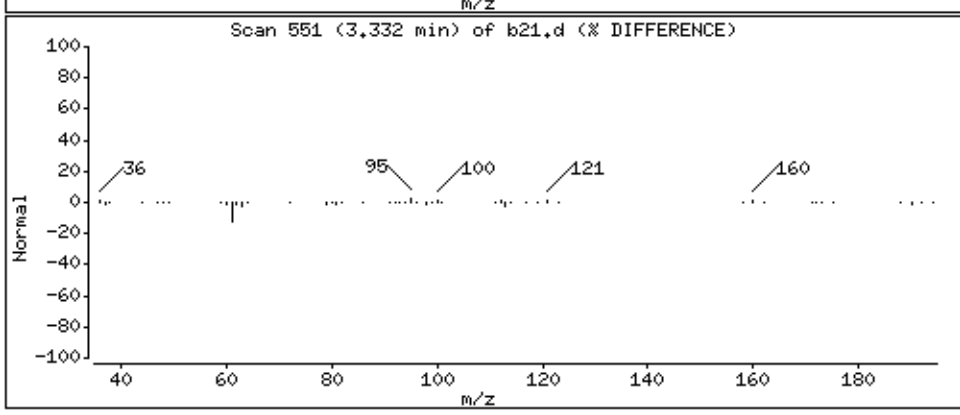
Concentration: 44.7 ppb

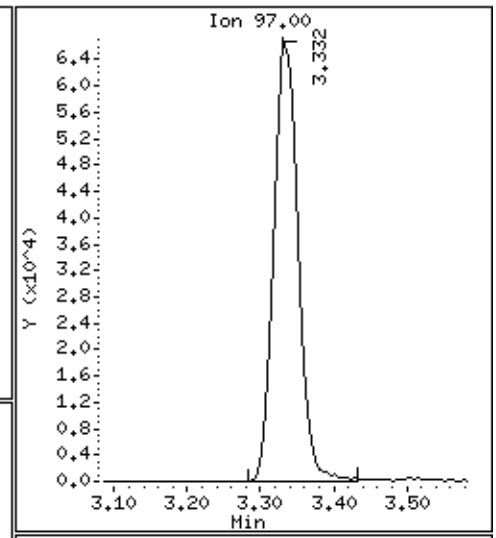
Review Code:

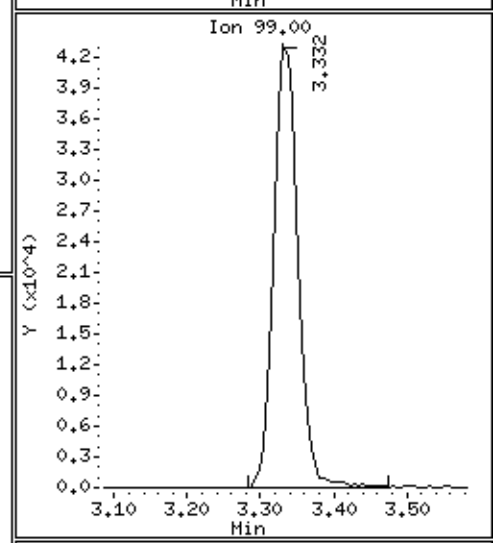


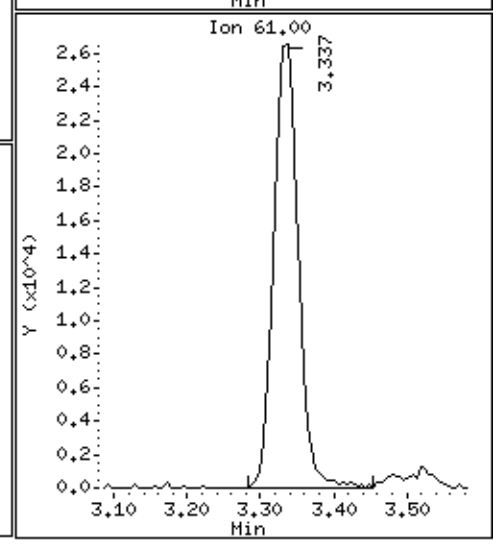












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

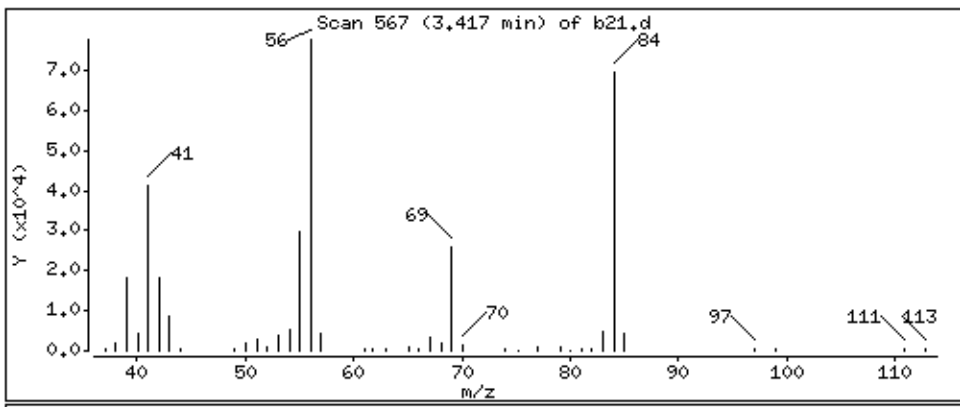
Column phase: DB-624

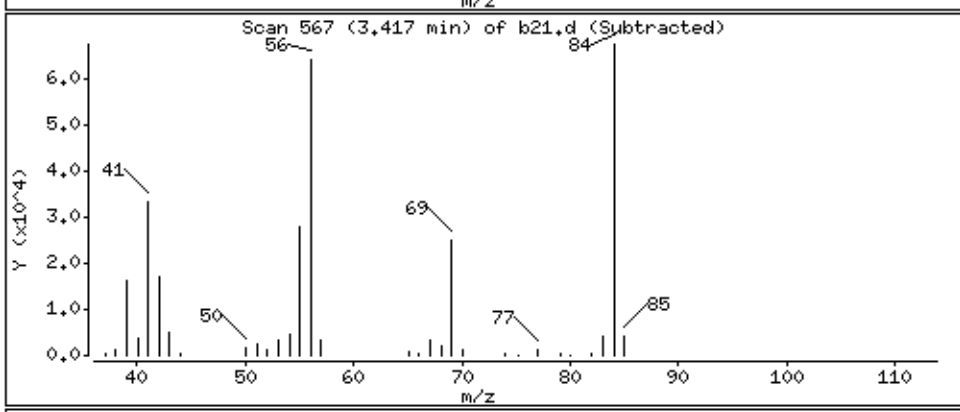
Column diameter: 0.18

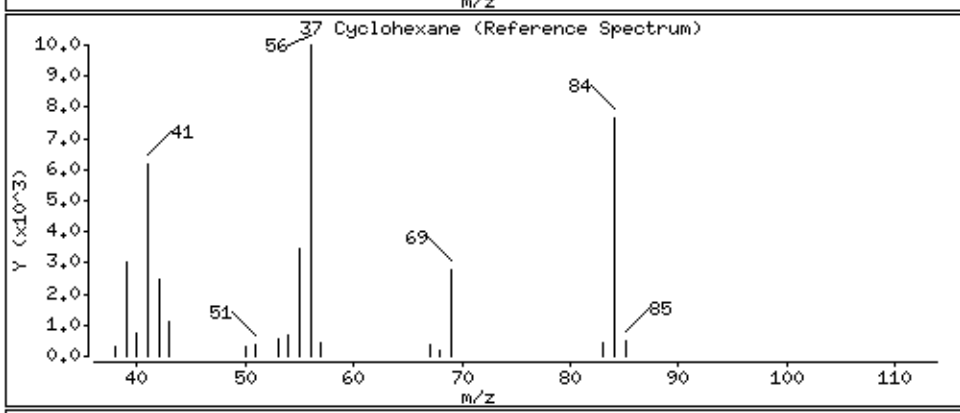
37 Cyclohexane

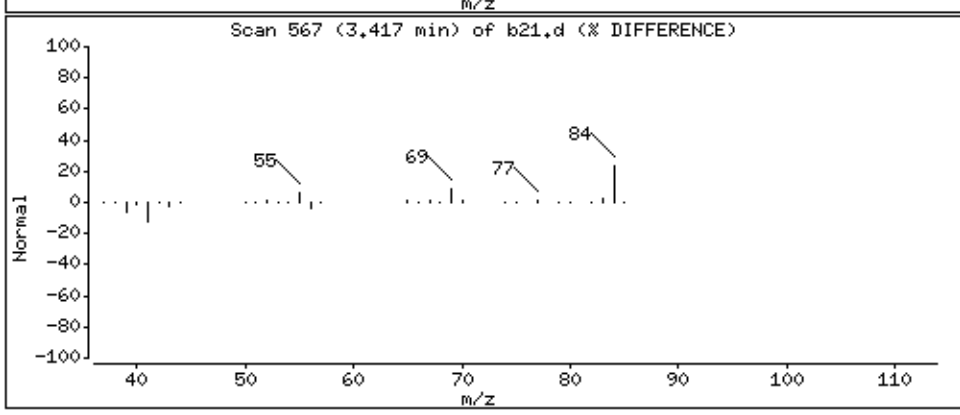
Concentration: 43.1 ppb

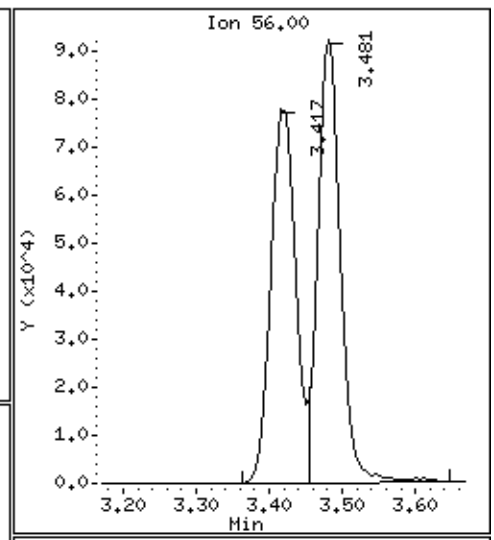
Review Code:

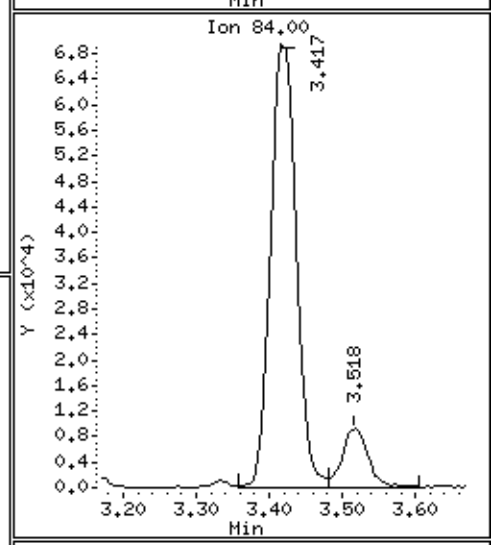


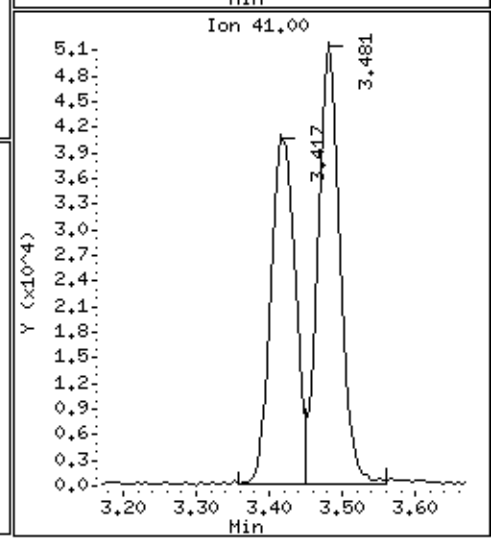












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

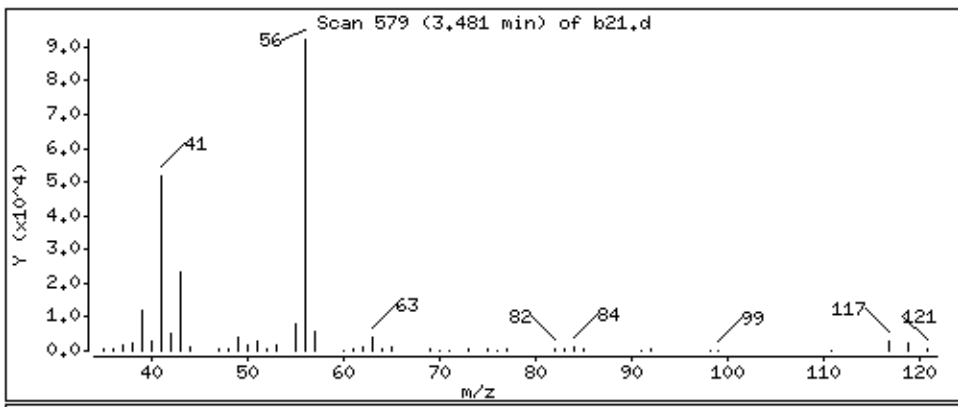
Column phase: DB-624

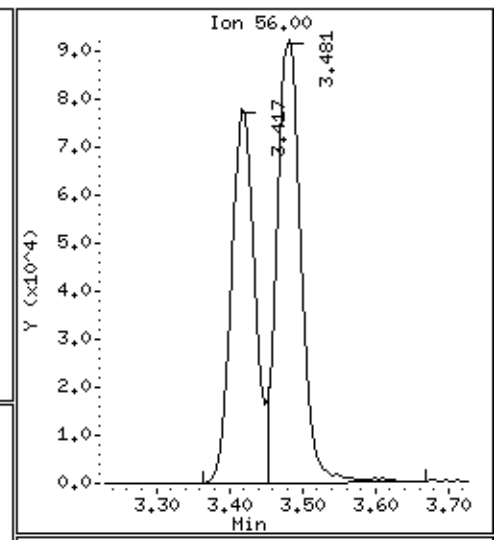
Column diameter: 0.18

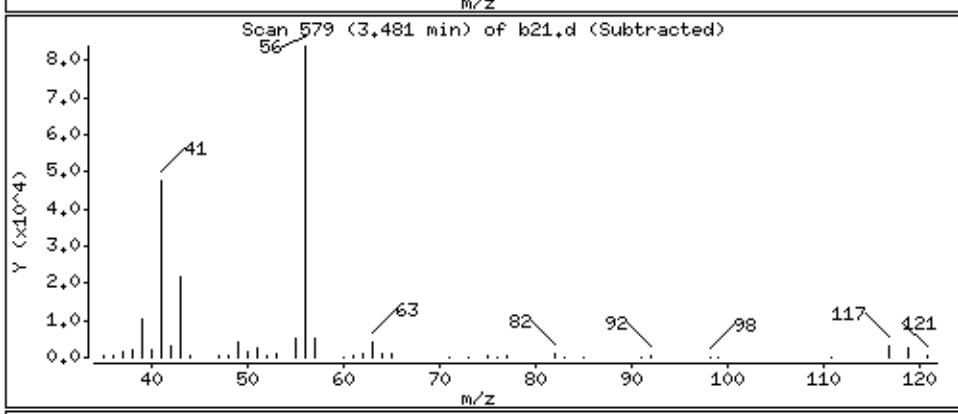
151 n-Butyl chloride

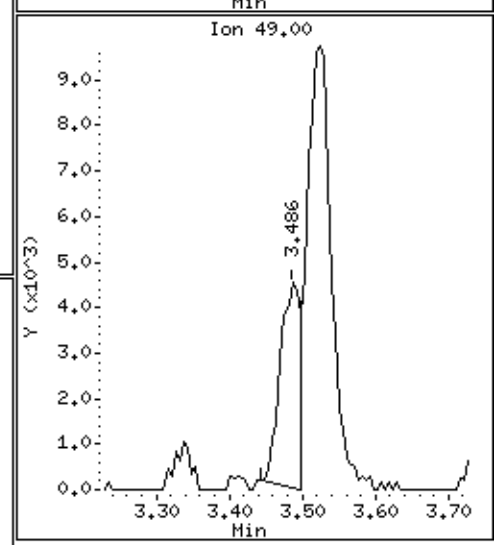
Concentration: 47.0 ppb

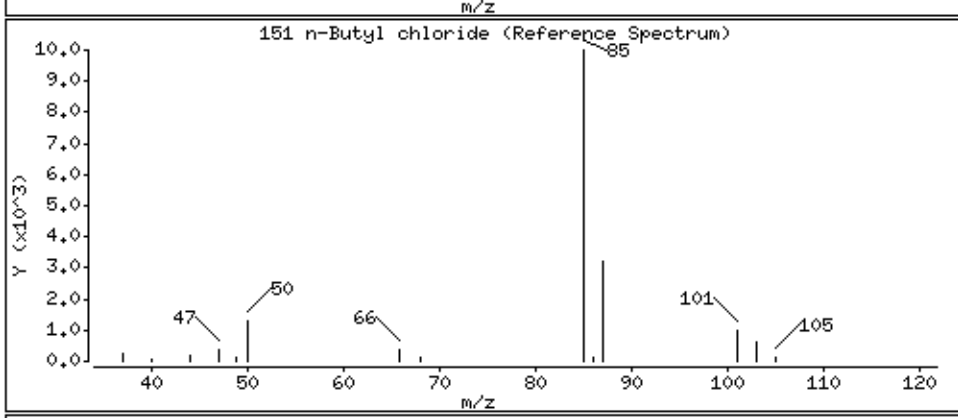
Review Code:

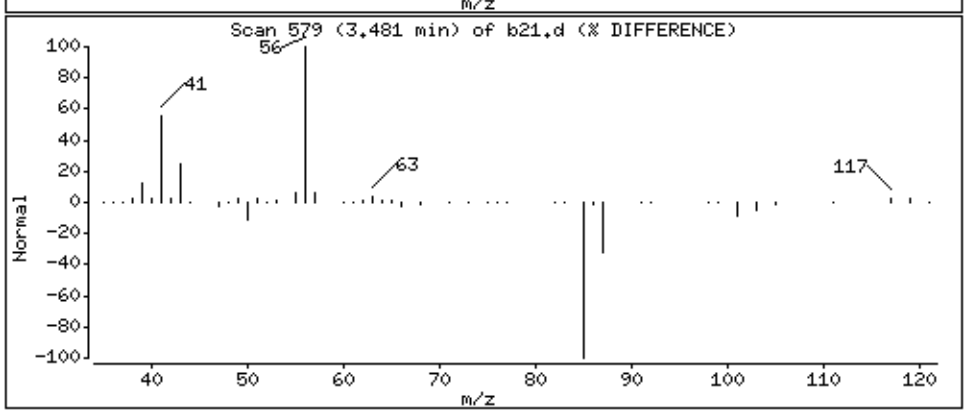












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

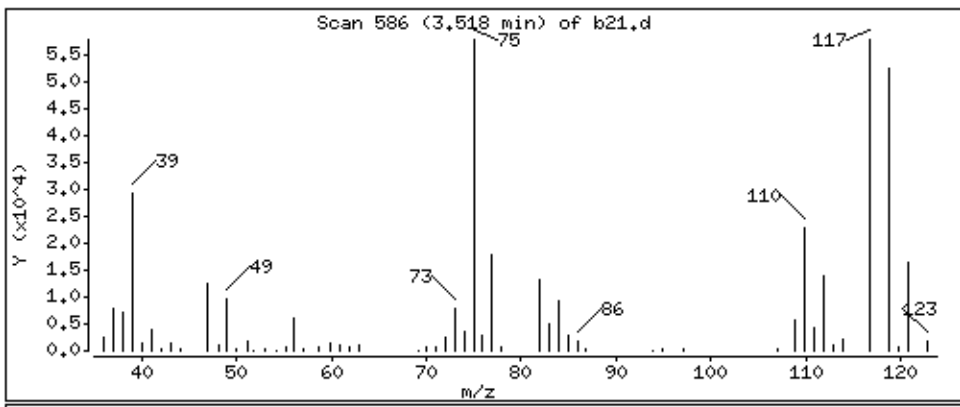
Column phase: DB-624

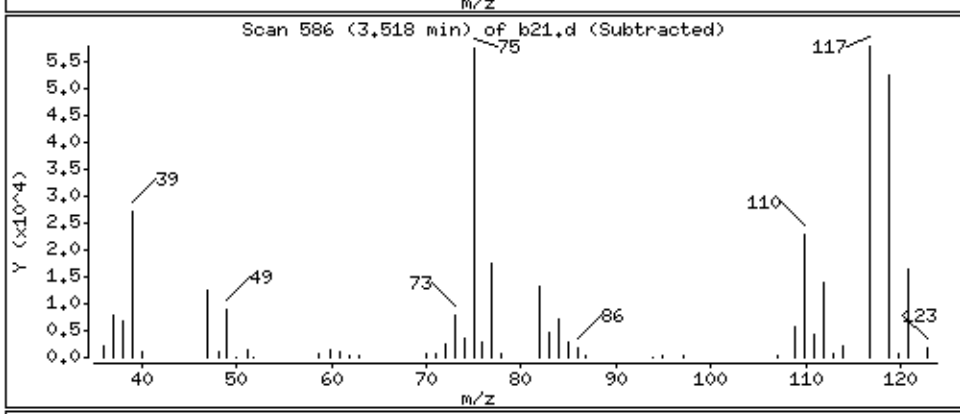
Column diameter: 0.18

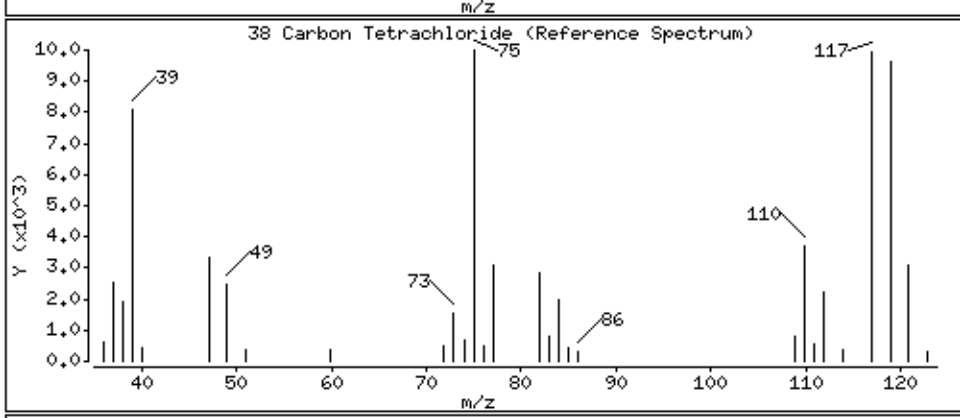
38 Carbon Tetrachloride

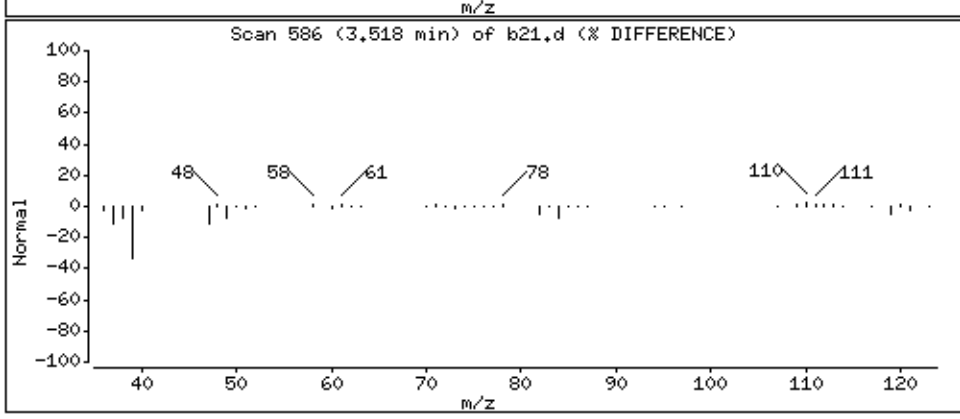
Concentration: 46.9 ppb

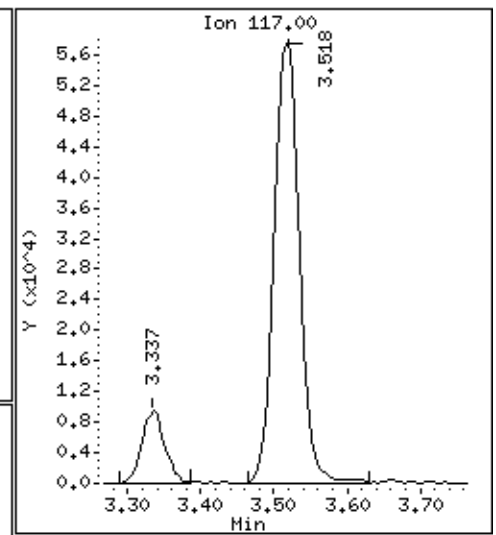
Review Code:

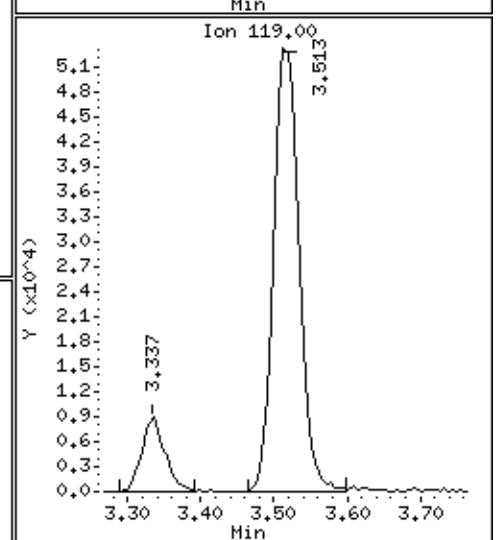


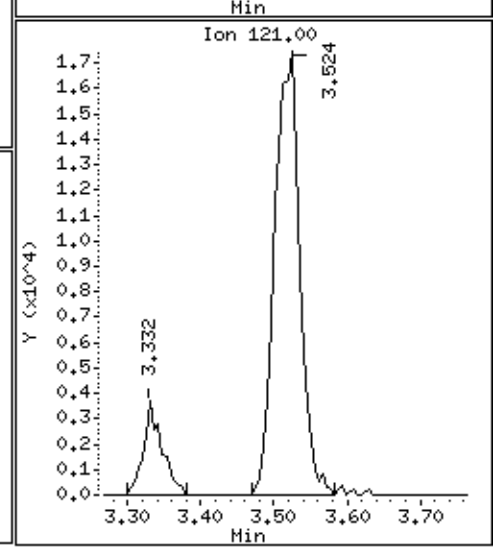












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

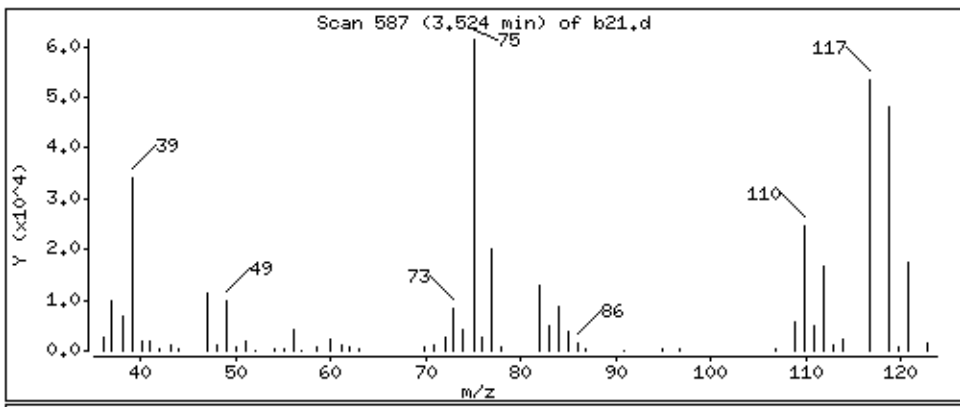
Column phase: DB-624

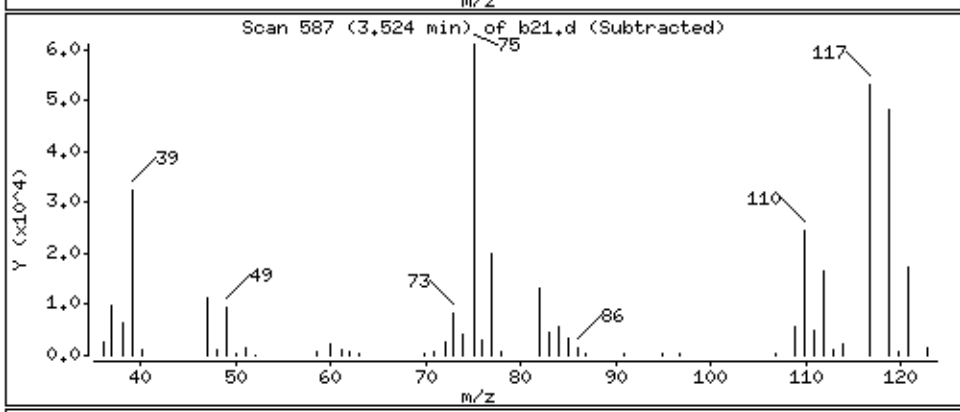
Column diameter: 0.18

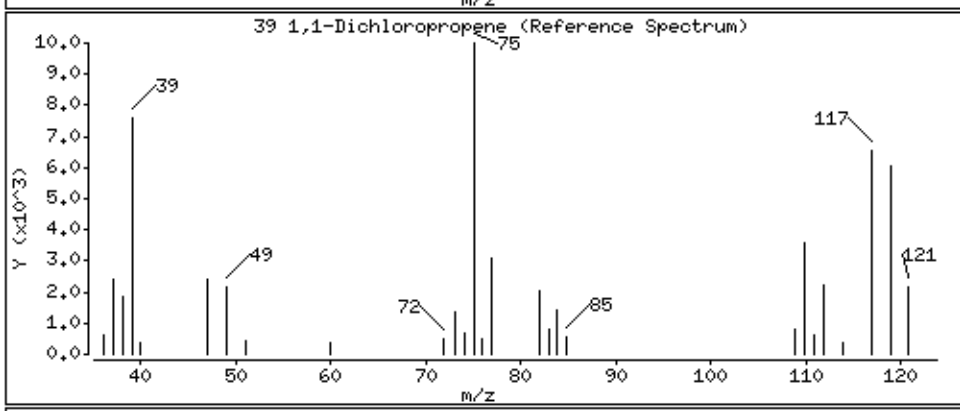
39 1,1-Dichloropropene

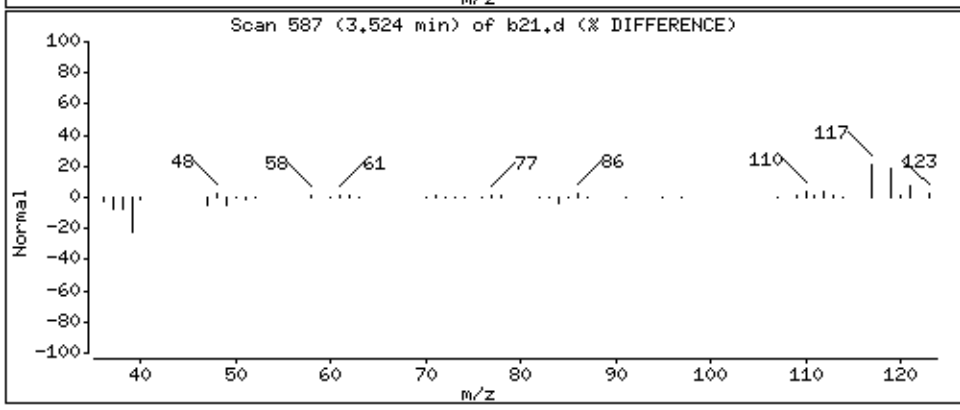
Concentration: 48.3 ppb

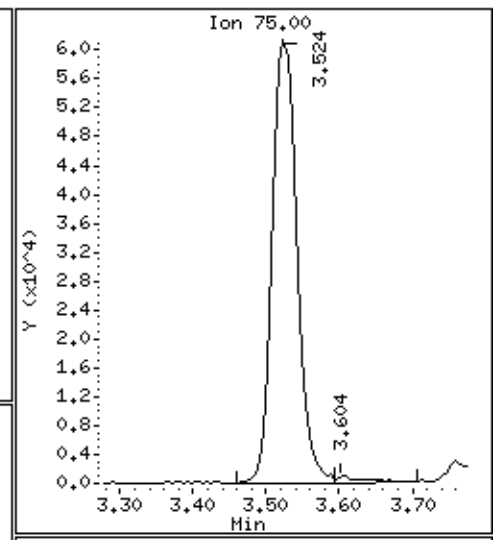
Review Code:

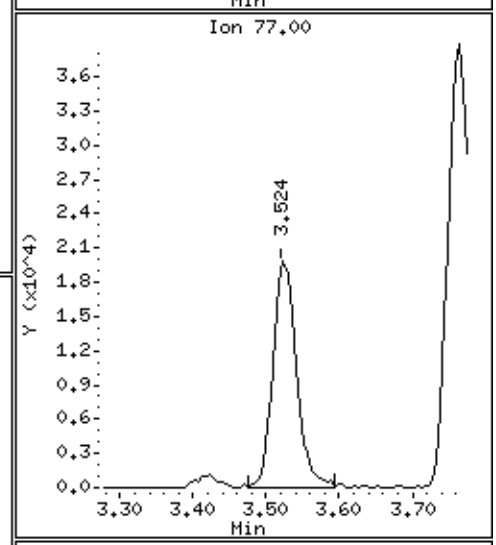


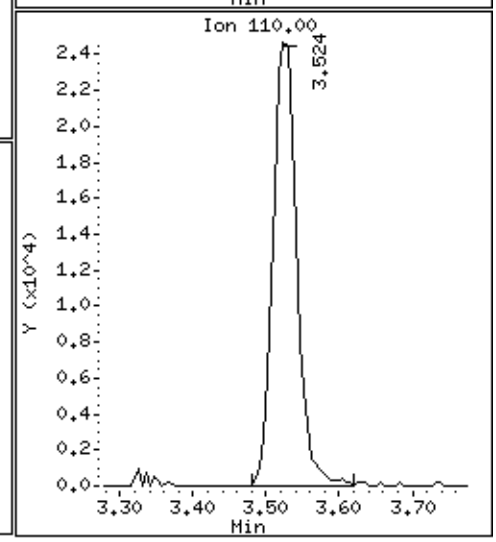












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

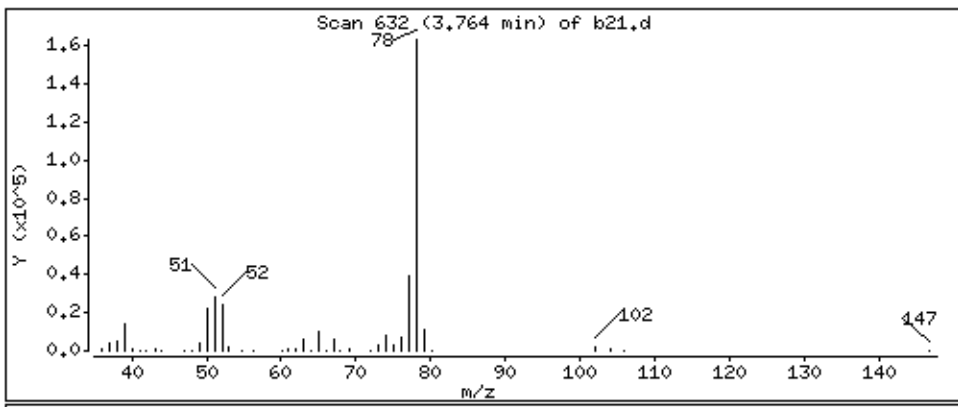
Column phase: DB-624

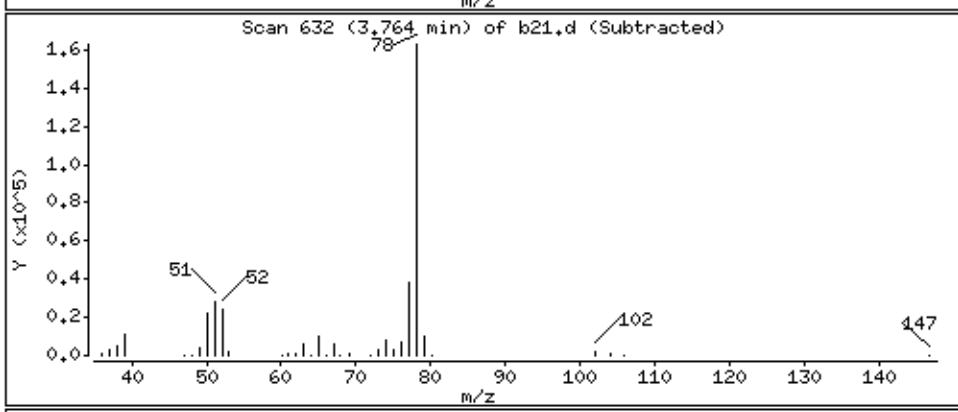
Column diameter: 0.18

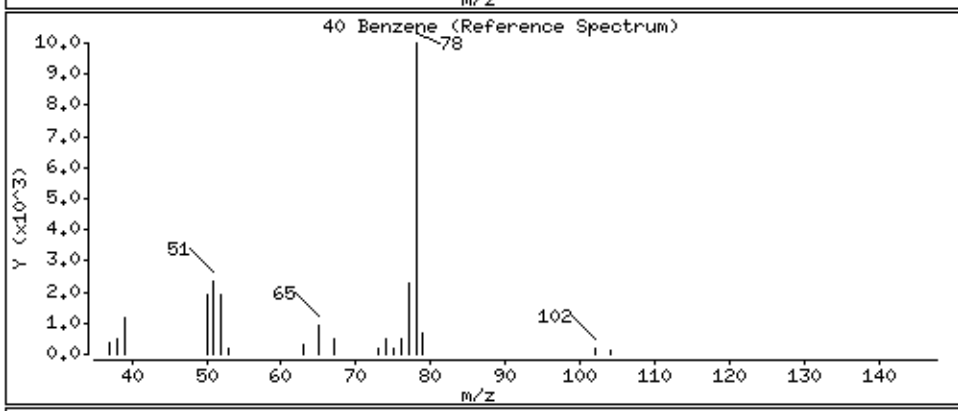
40 Benzene

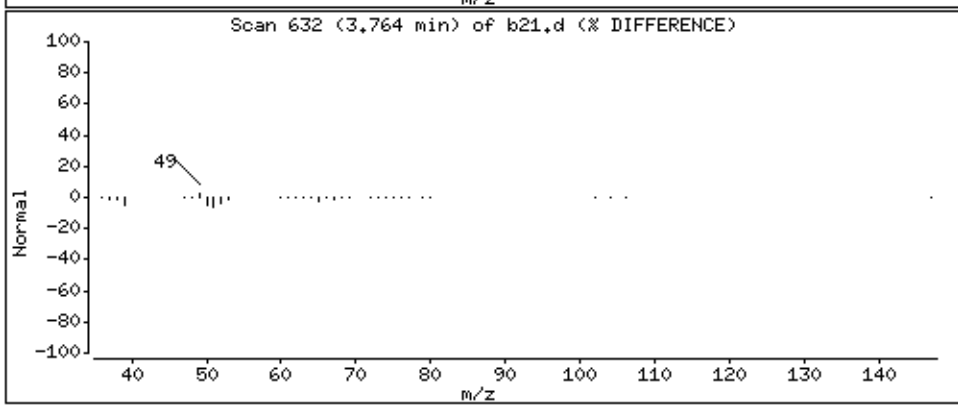
Concentration: 52.1 ppb

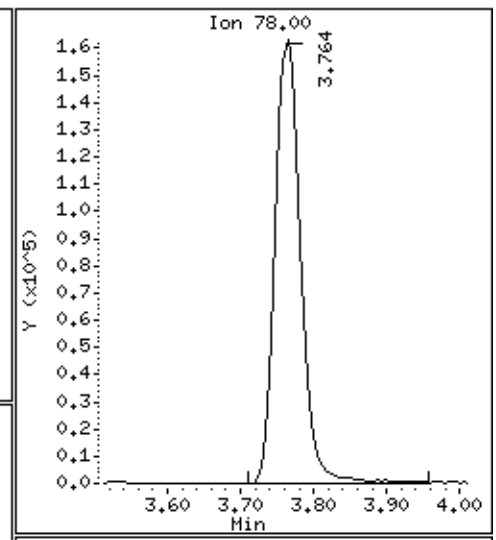
Review Code:

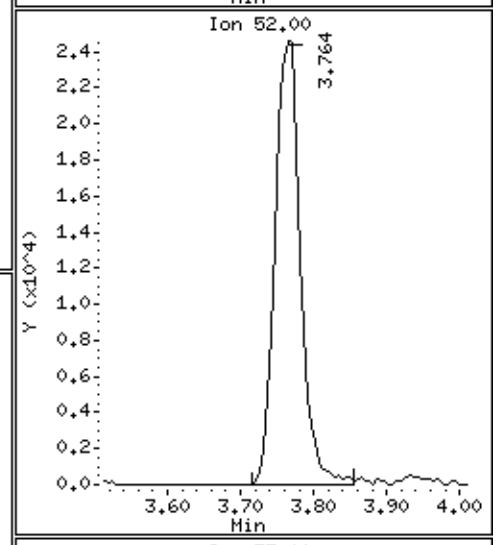


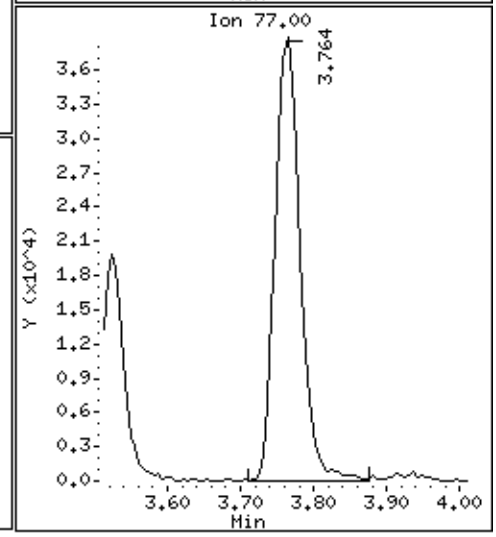












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

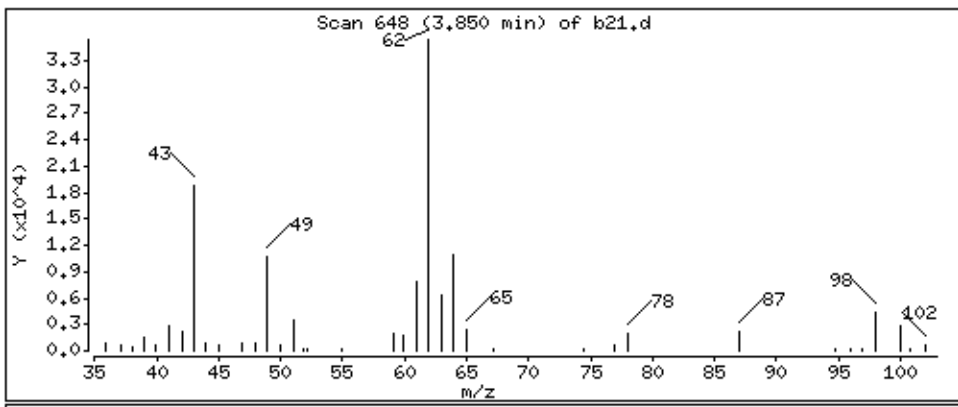
Column phase: DB-624

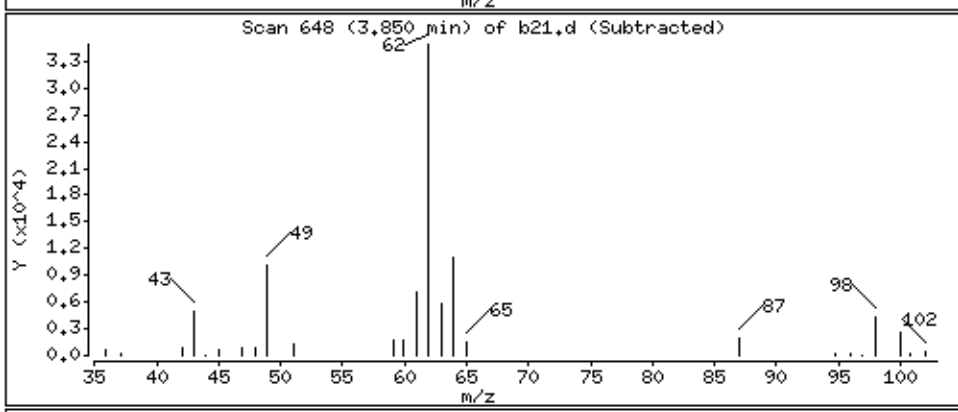
Column diameter: 0.18

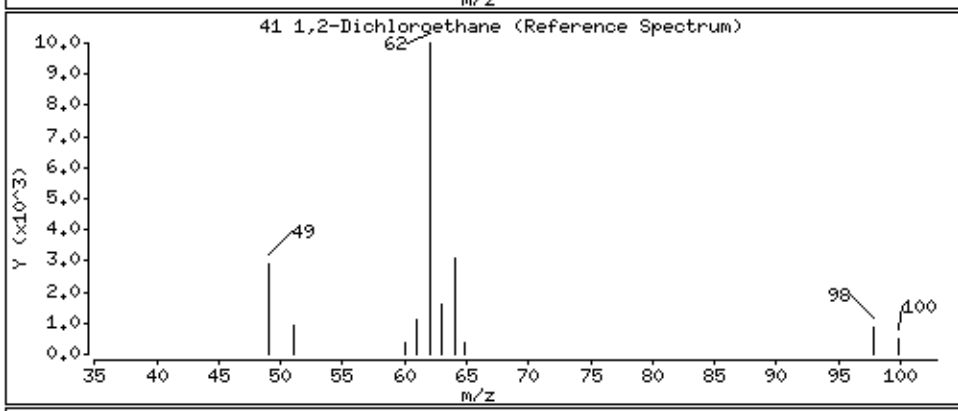
41 1,2-Dichloroethane

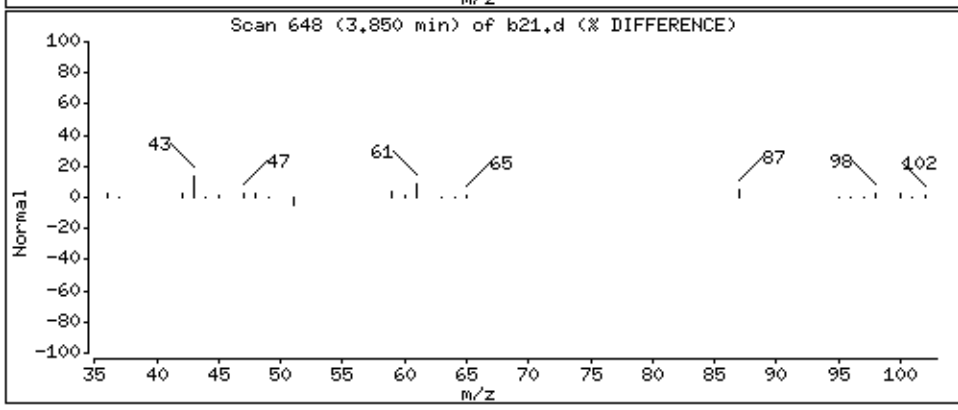
Concentration: 42.8 ppb

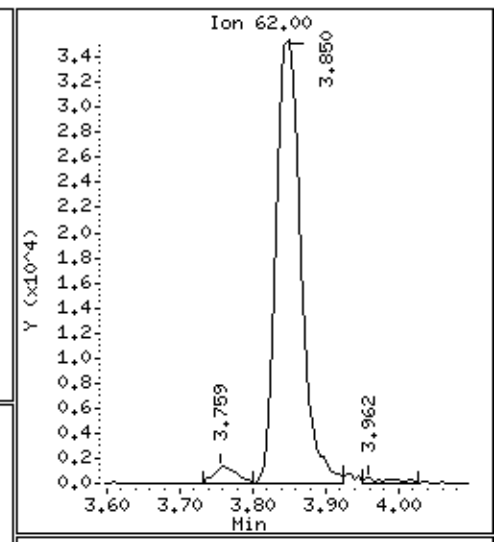
Review Code:

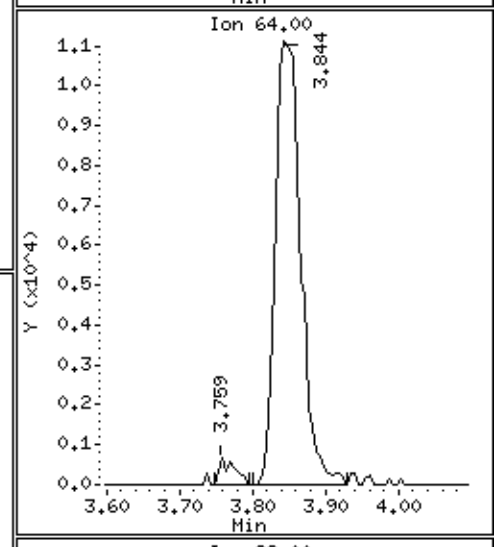


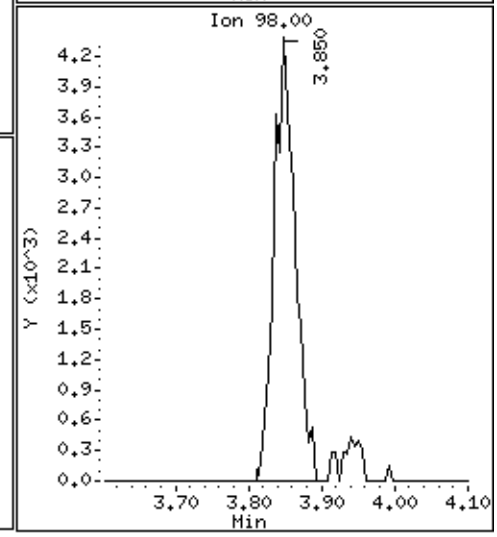












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

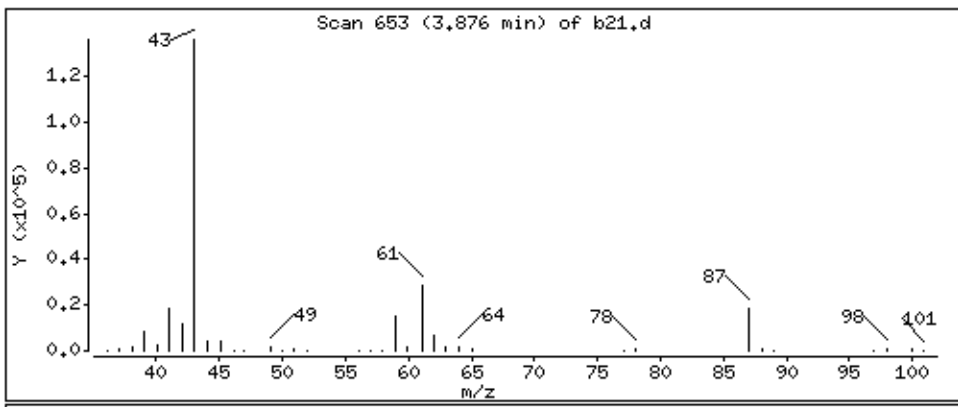
Column phase: DB-624

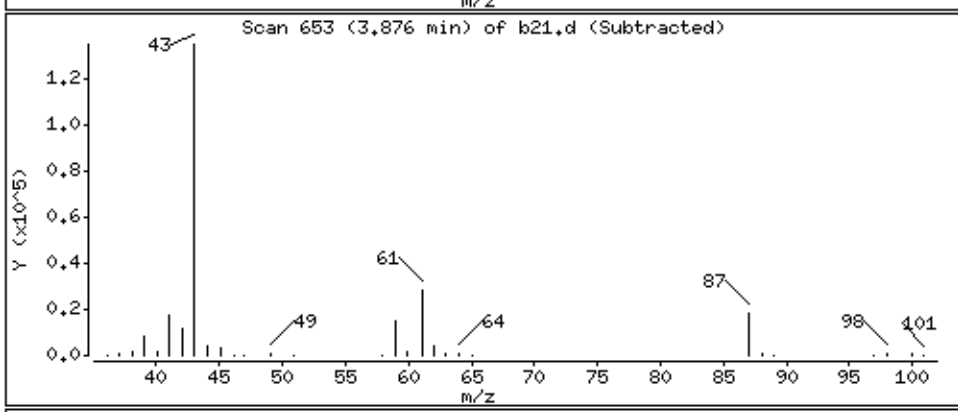
Column diameter: 0.18

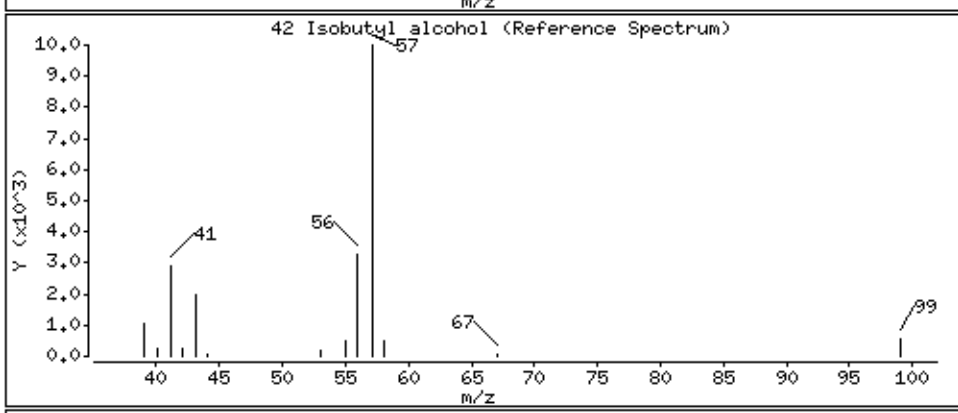
42 Isobutyl alcohol

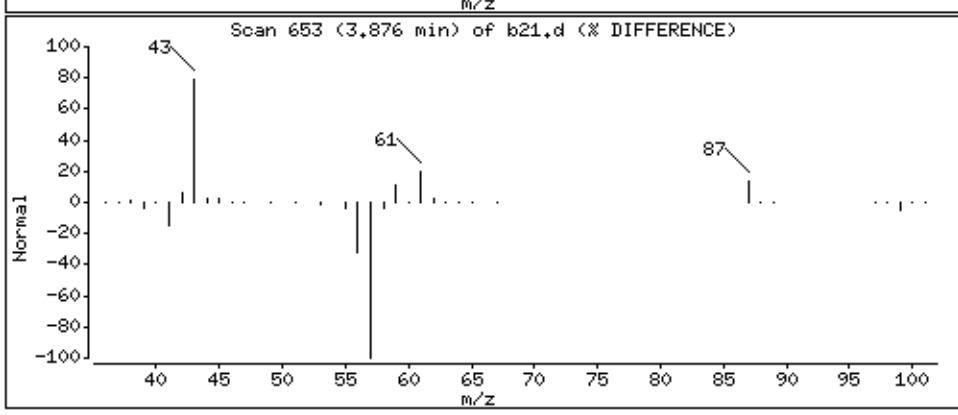
Concentration: 50.6 ppb

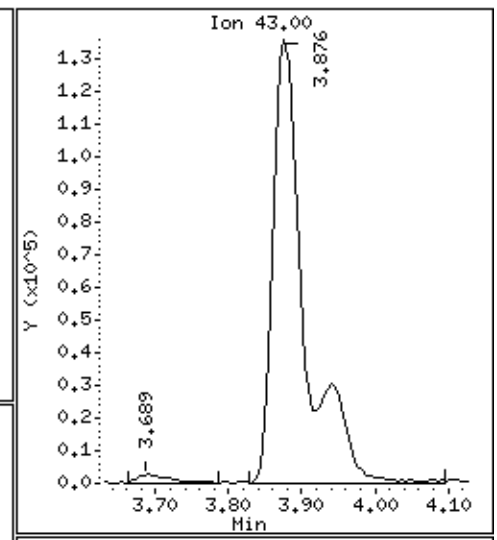
Review Code:

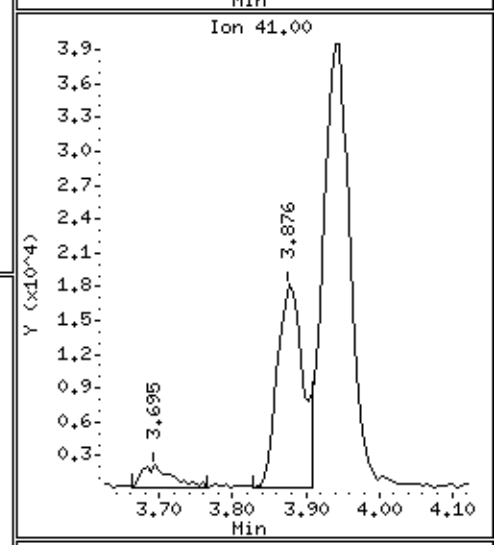


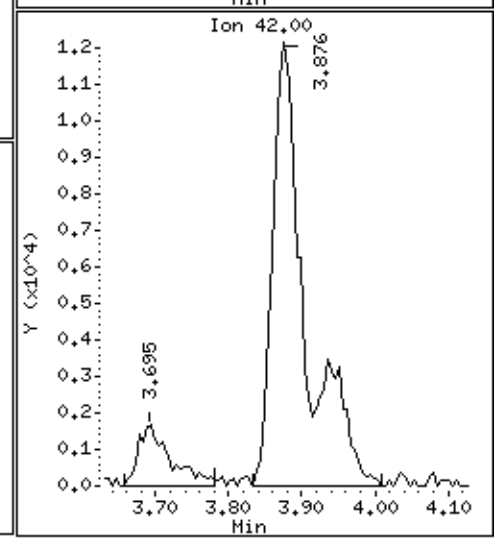












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

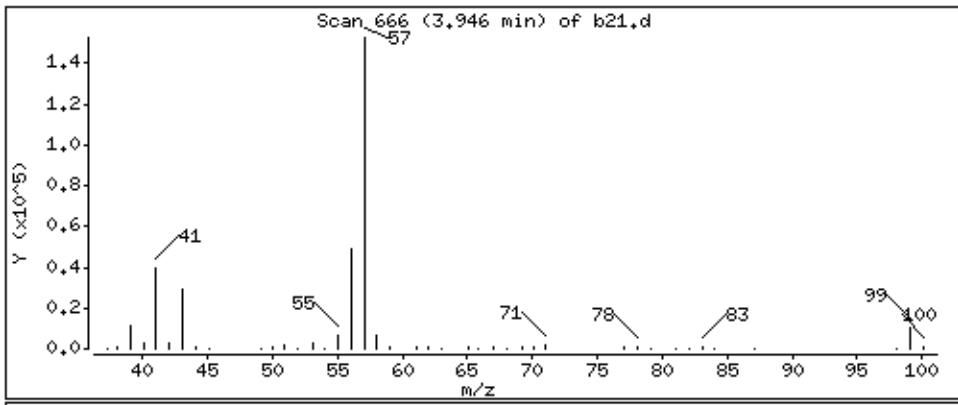
Column phase: DB-624

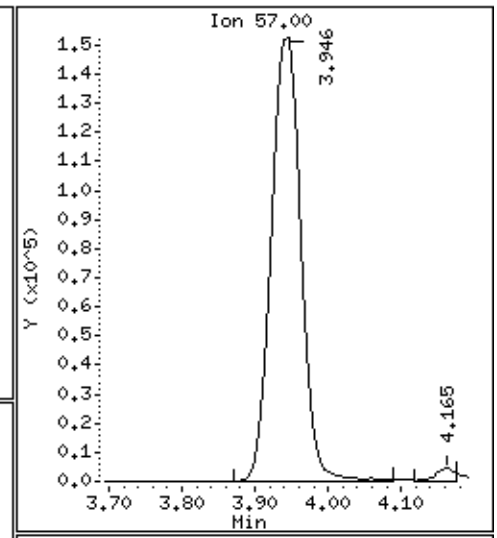
Column diameter: 0.18

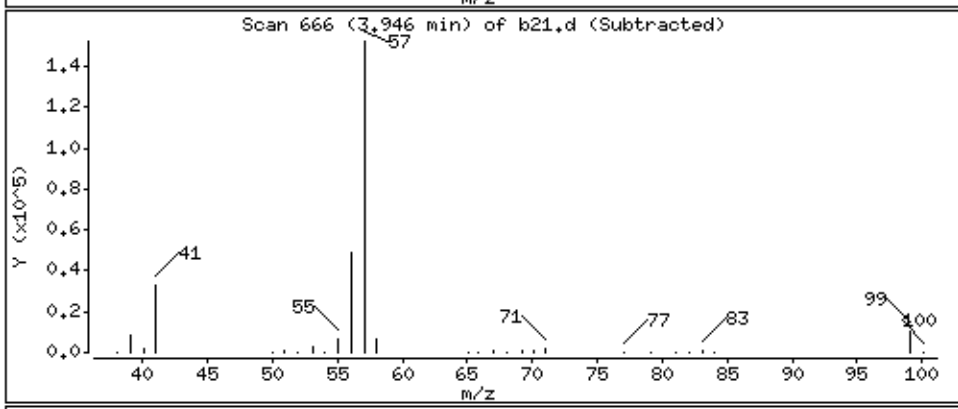
43 2,2,4-Trimethylpentane

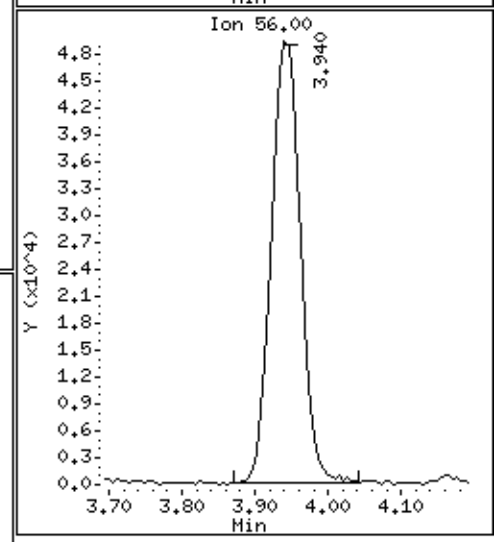
Concentration: 48.5 ppb

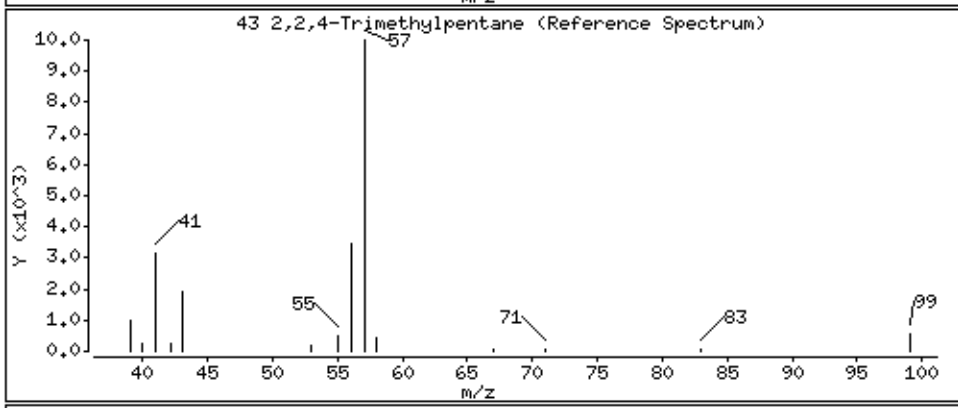
Review Code:

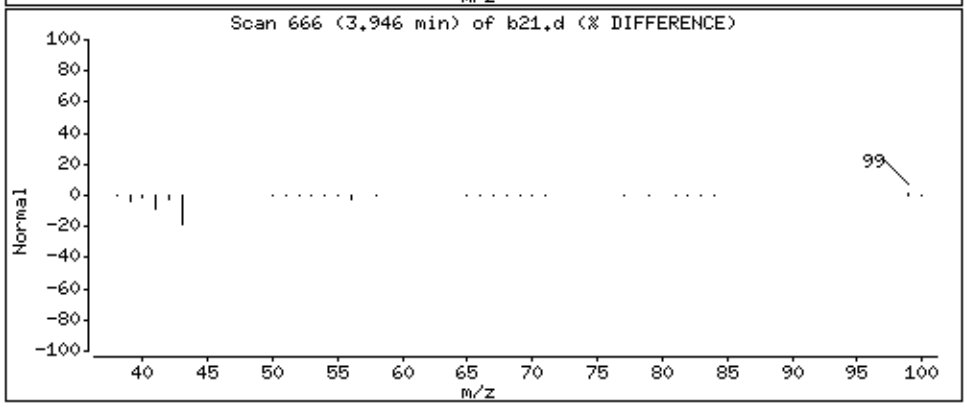












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Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

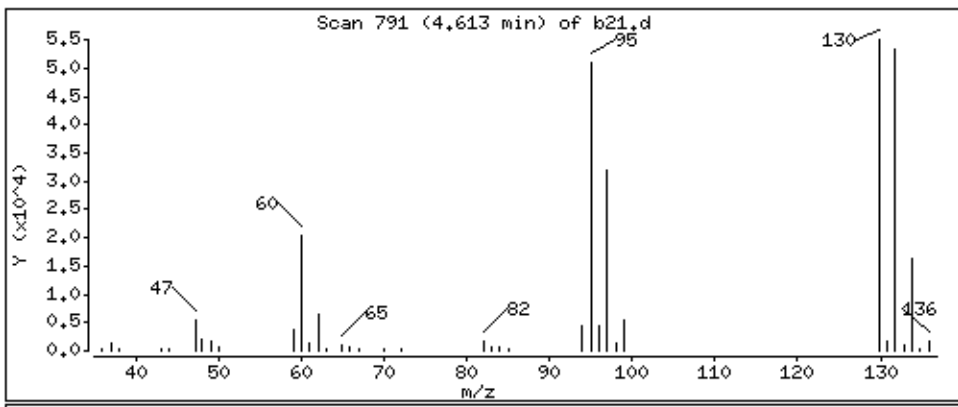
Column phase: DB-624

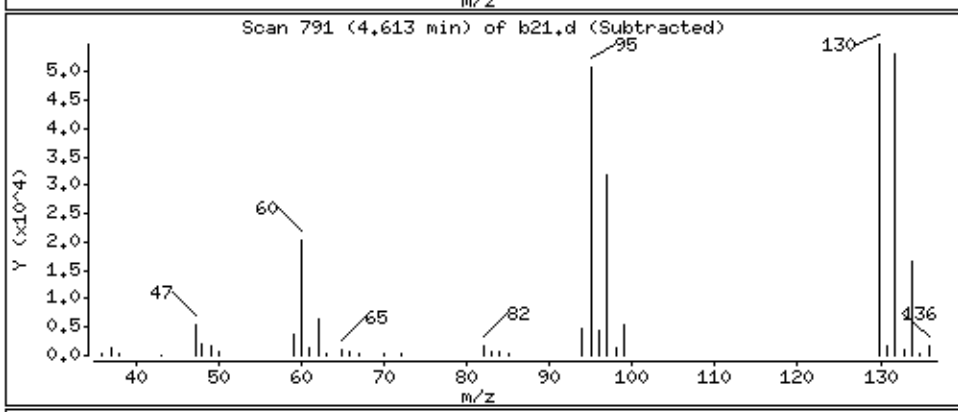
Column diameter: 0.18

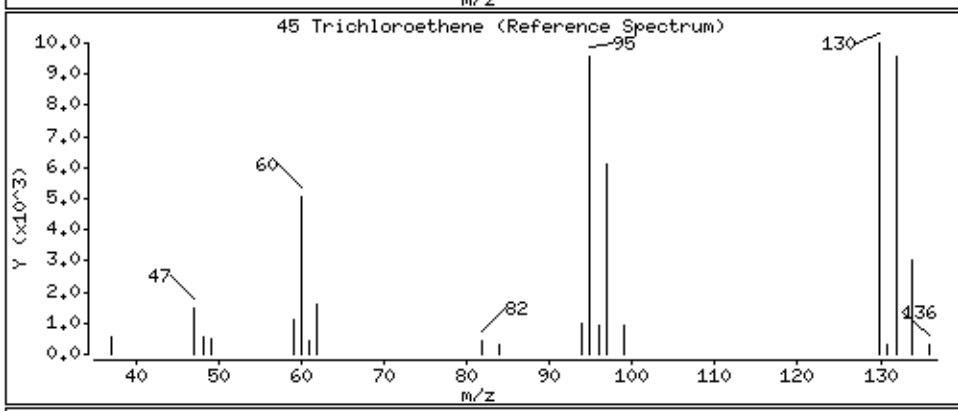
45 Trichloroethene

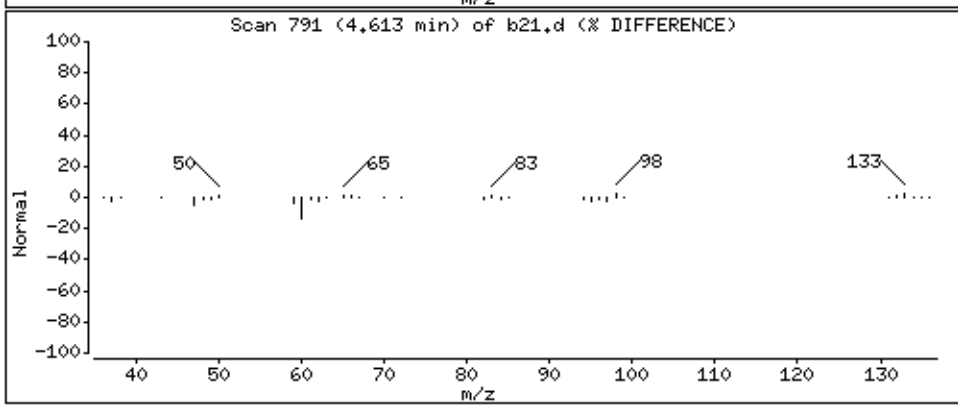
Concentration: 48.5 ppb

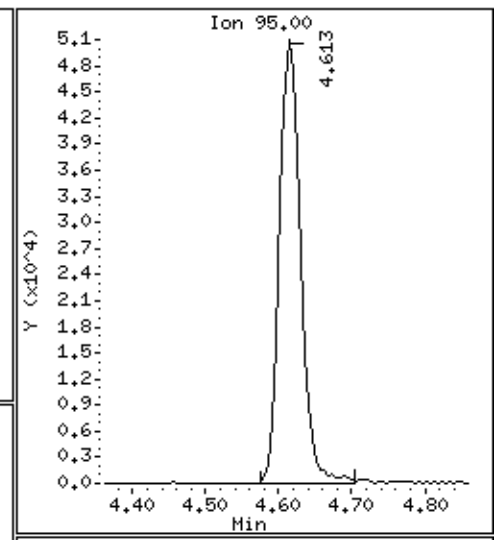
Review Code:

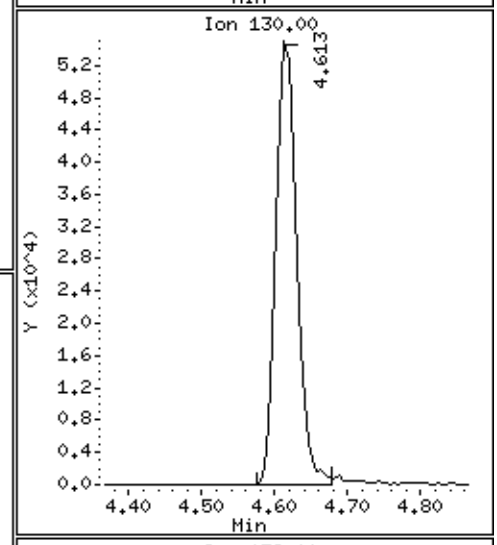


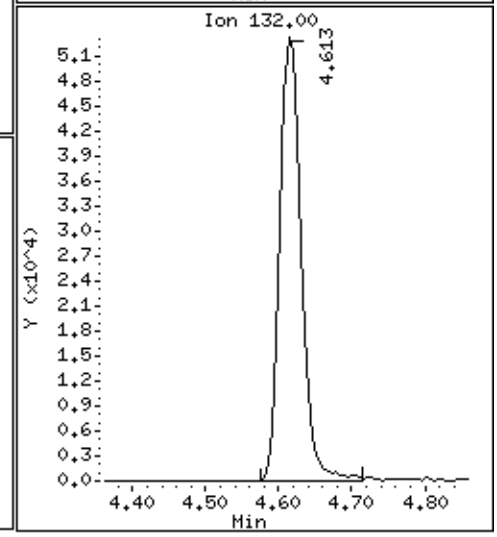












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

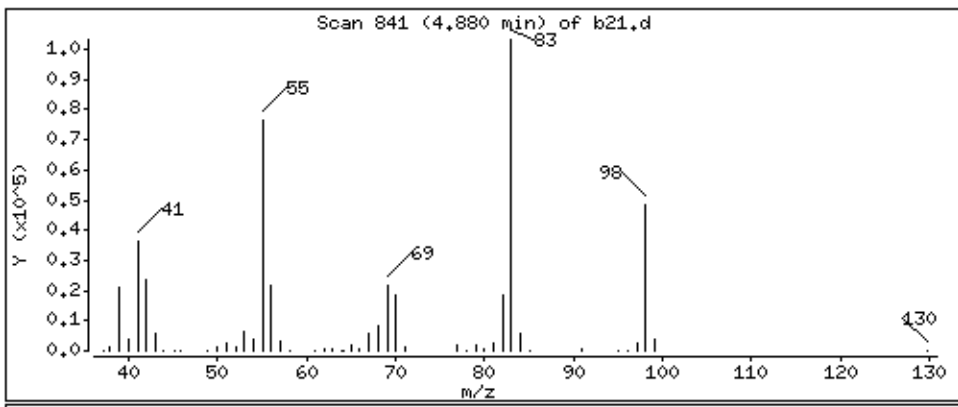
Column phase: DB-624

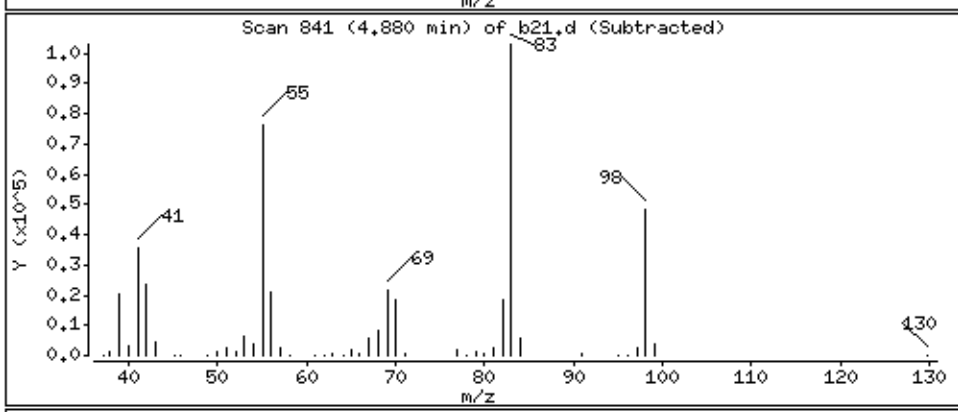
Column diameter: 0.18

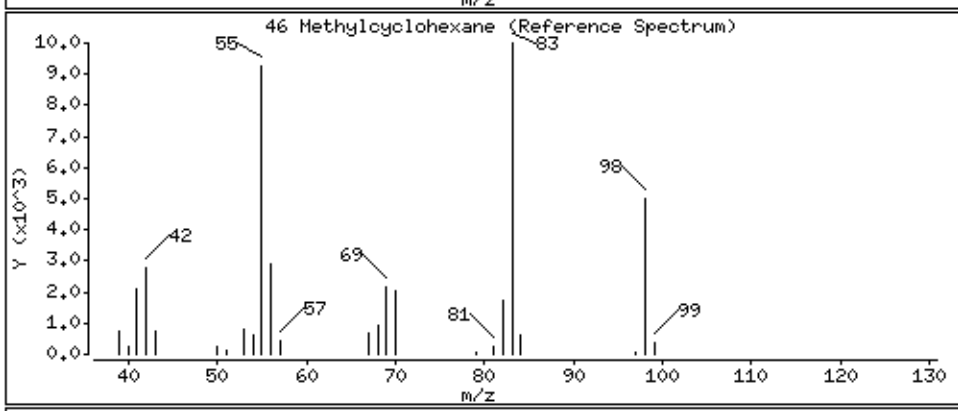
46 Methylcyclohexane

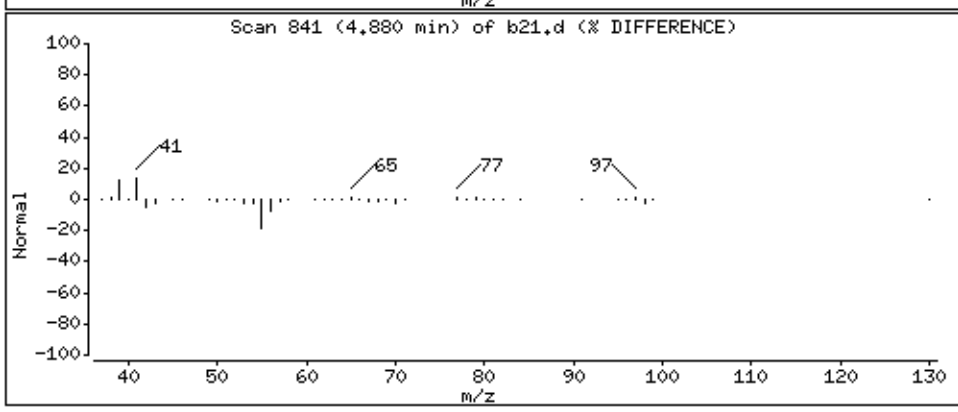
Concentration: 45.5 ppb

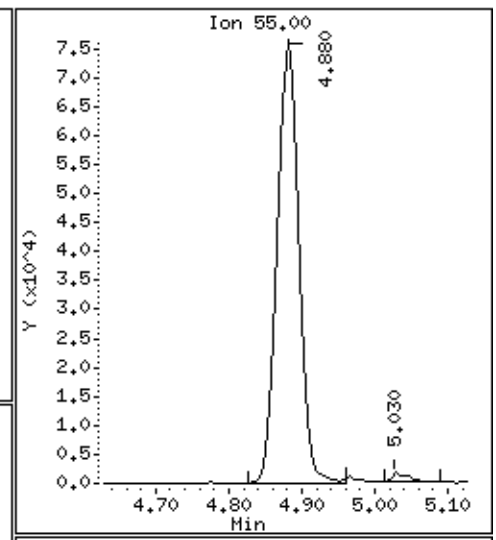
Review Code:

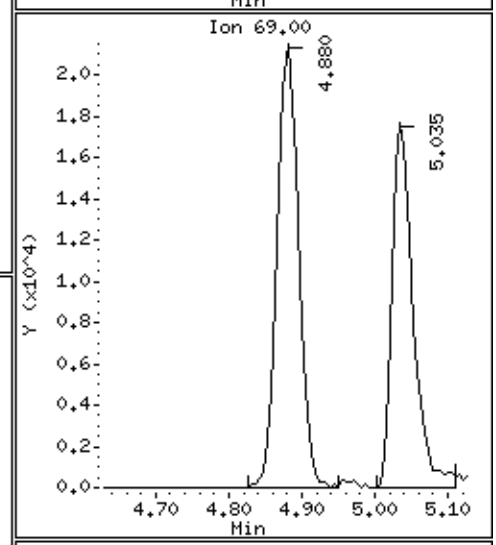


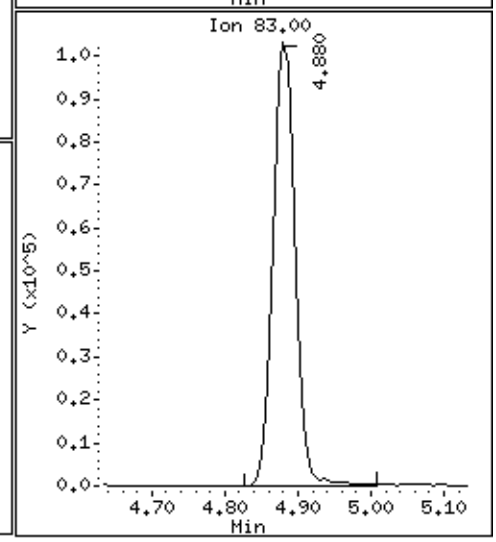












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

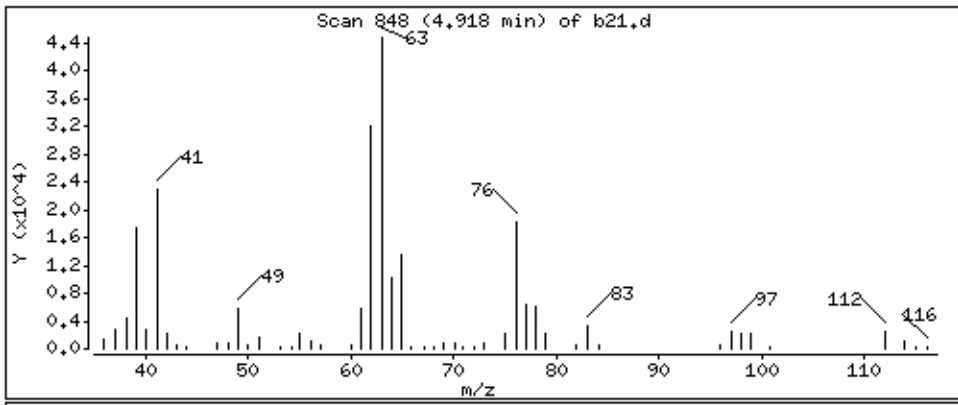
Column phase: DB-624

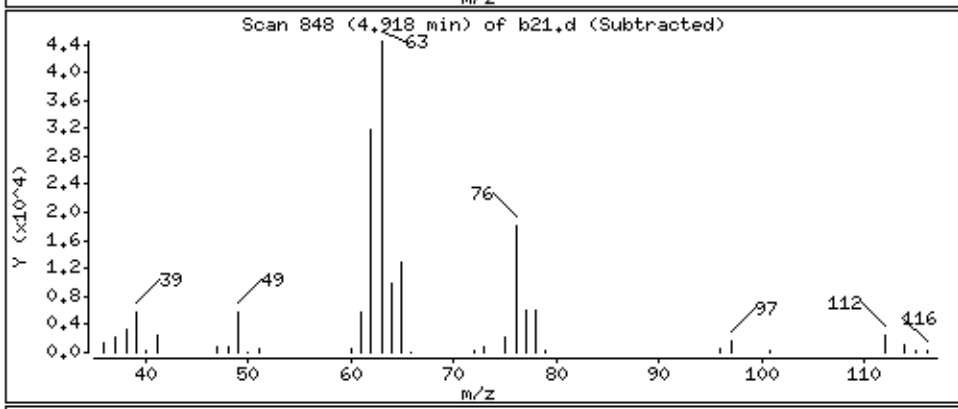
Column diameter: 0.18

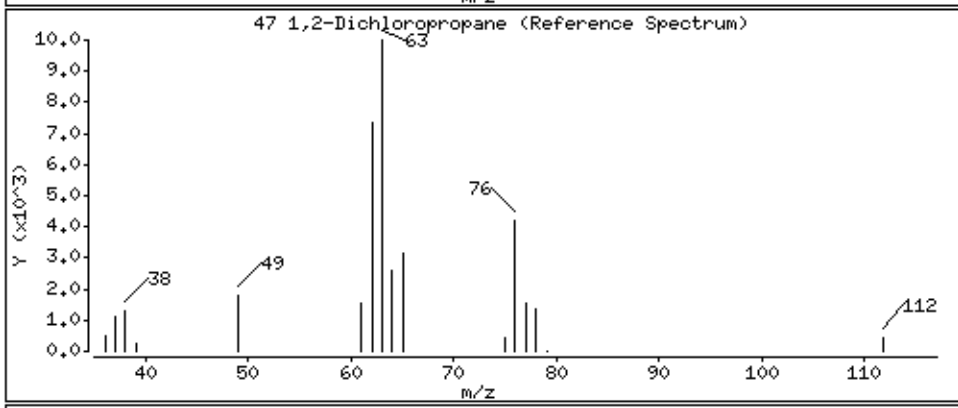
47 1,2-Dichloropropane

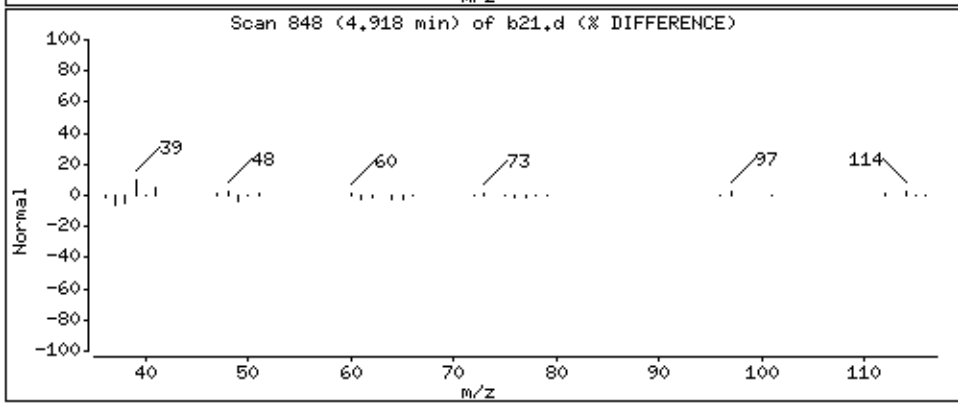
Concentration: 51.4 ppb

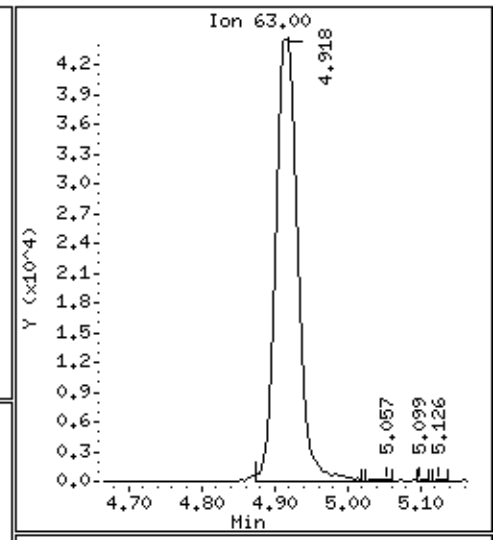
Review Code:

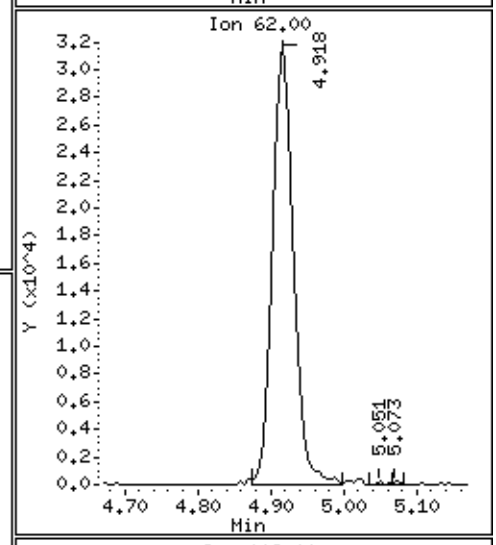


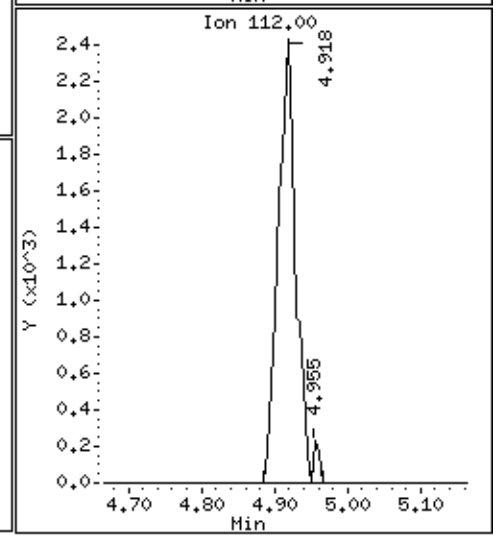












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Page 50

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

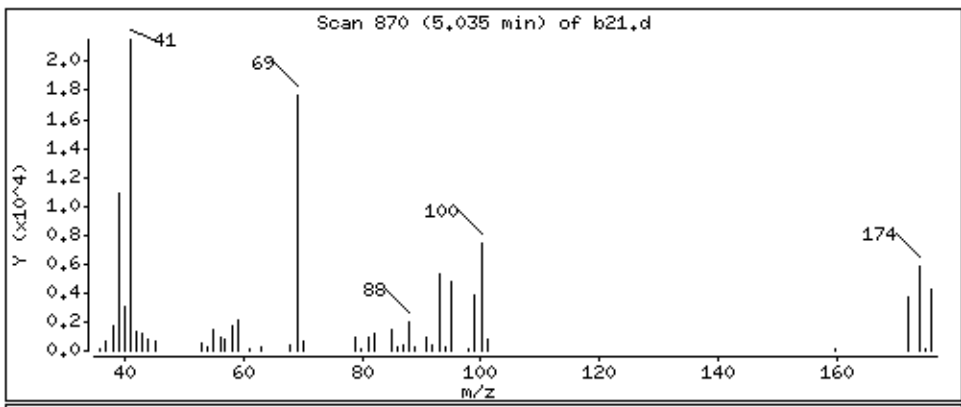
Column phase: DB-624

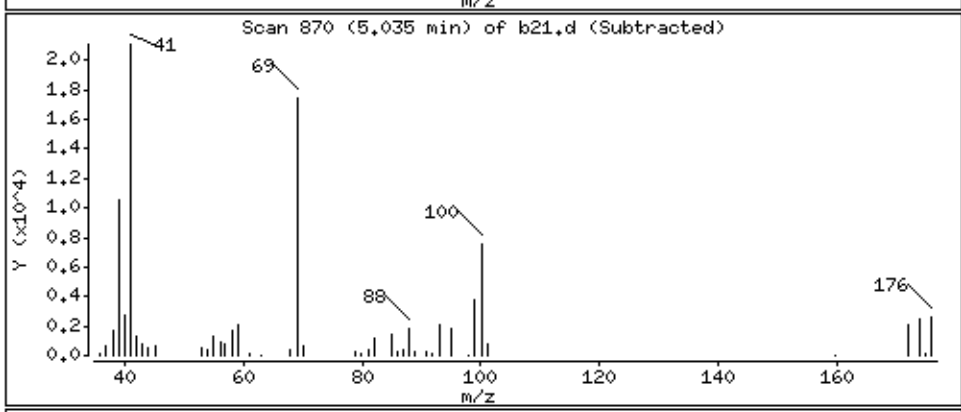
Column diameter: 0.18

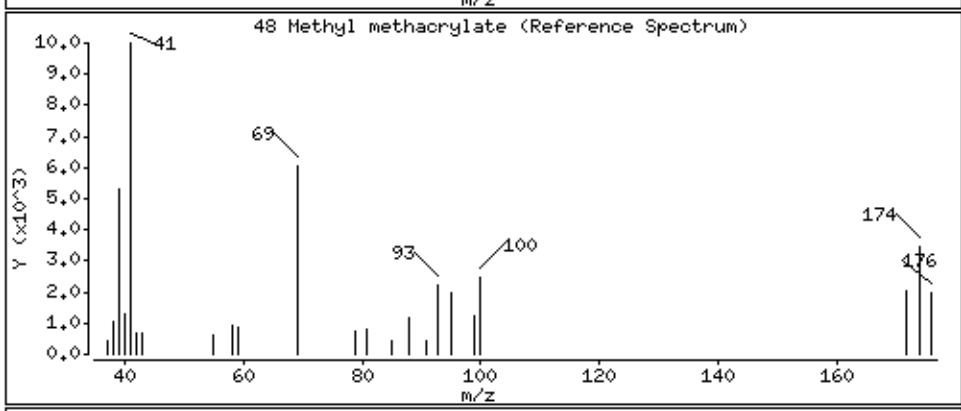
48 Methyl methacrylate

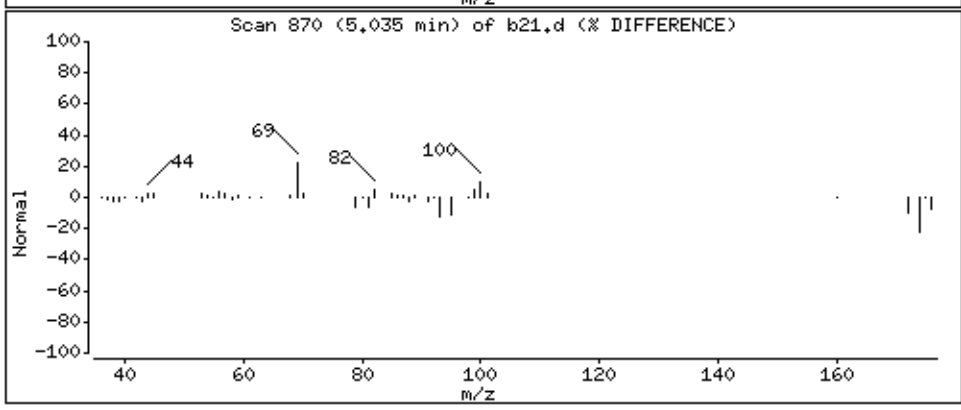
Concentration: 51.2 ppb

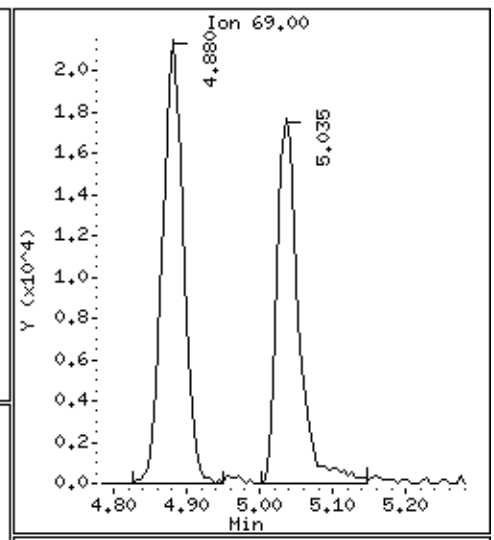
Review Code:

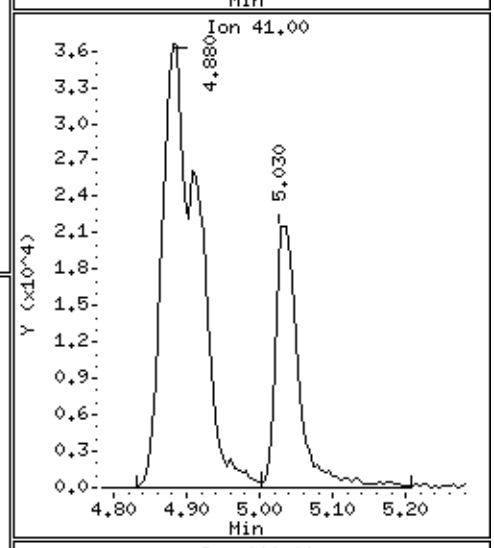


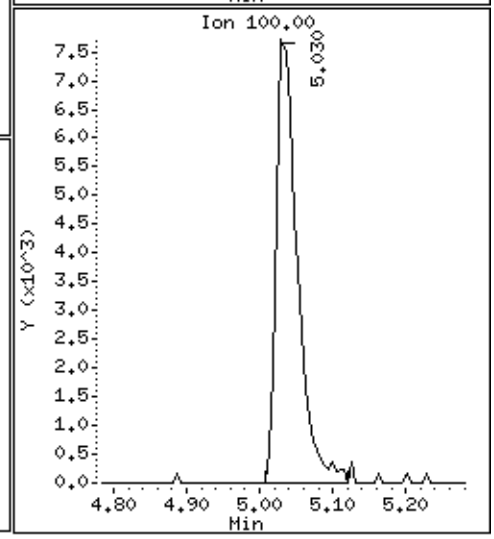












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

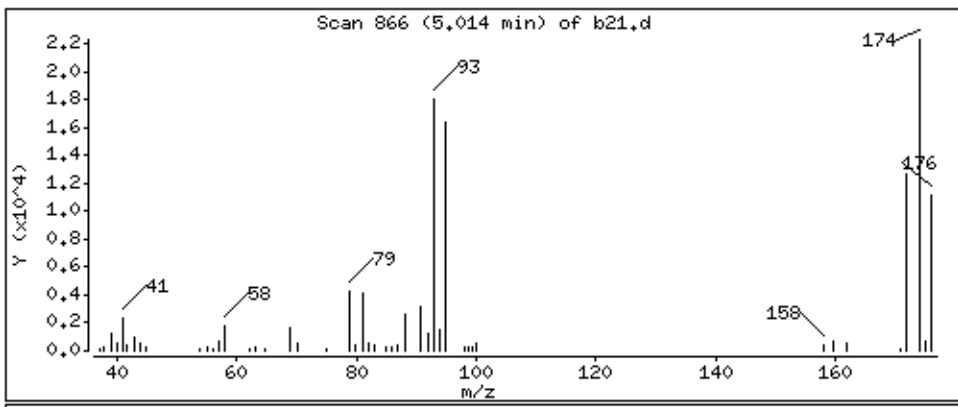
Column phase: DB-624

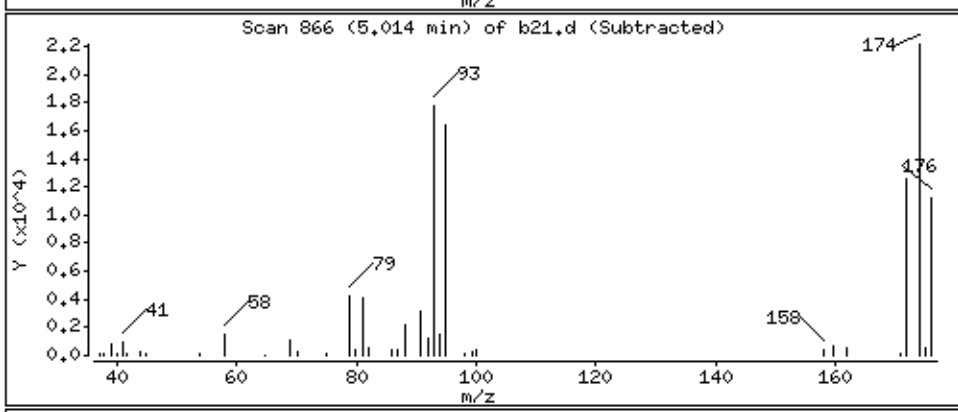
Column diameter: 0.18

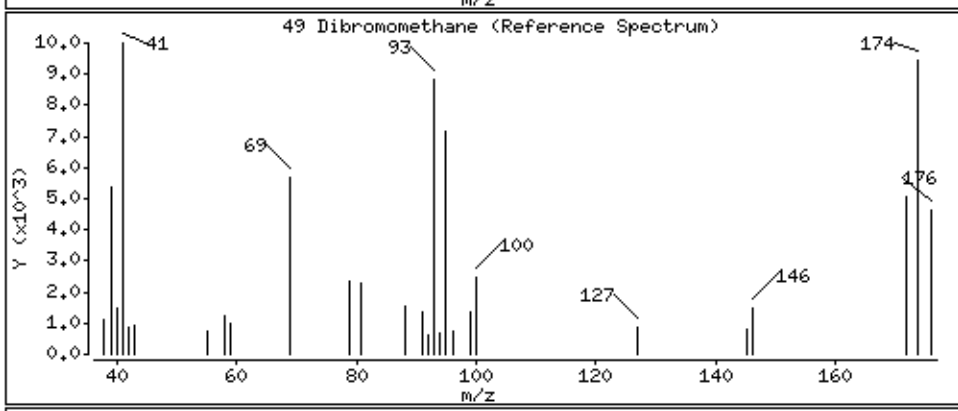
49 Dibromomethane

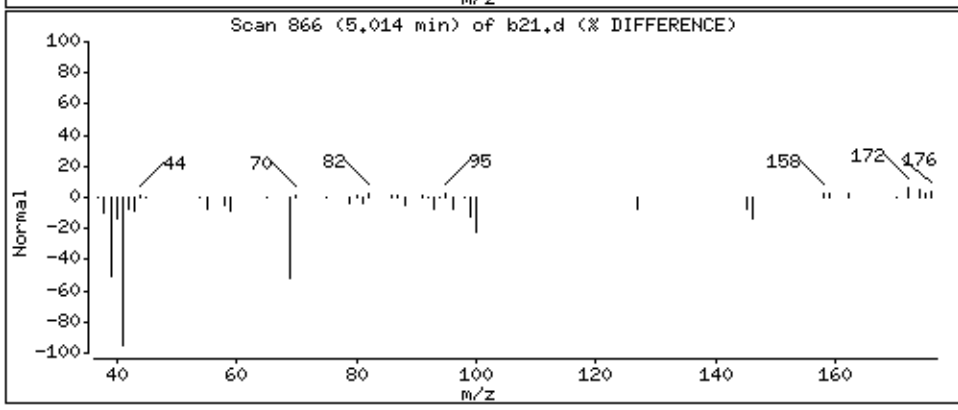
Concentration: 49.5 ppb

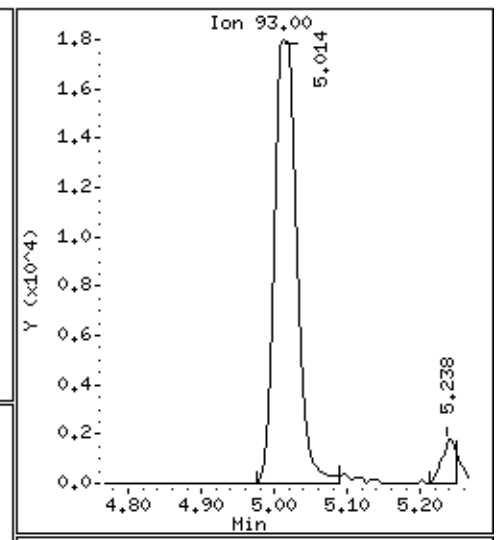
Review Code:

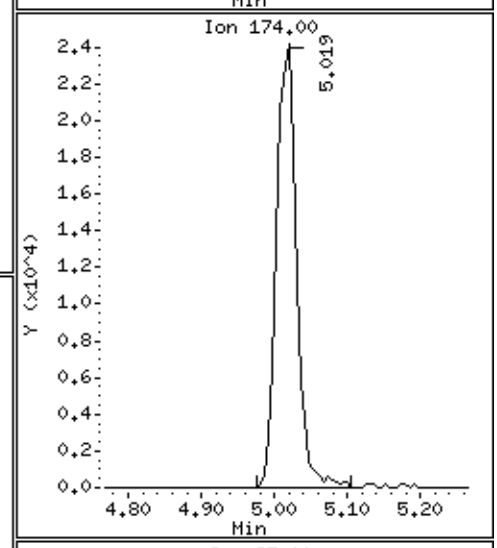


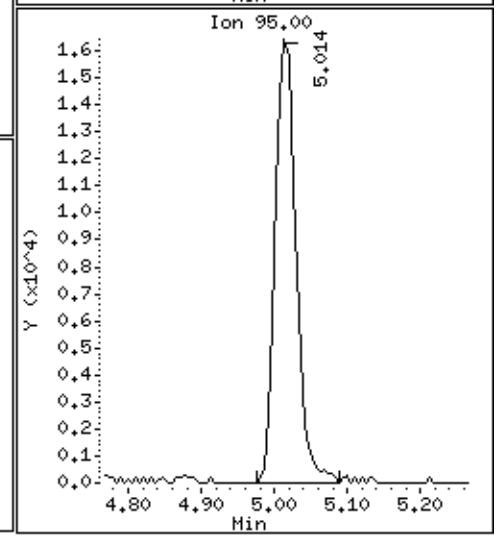












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

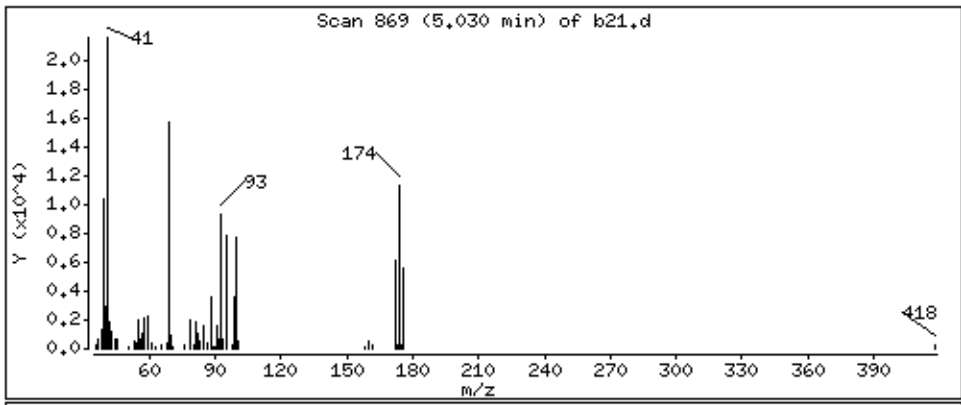
Column phase: DB-624

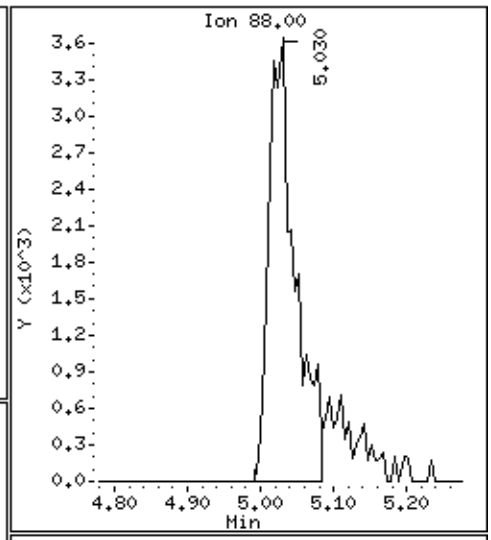
Column diameter: 0.18

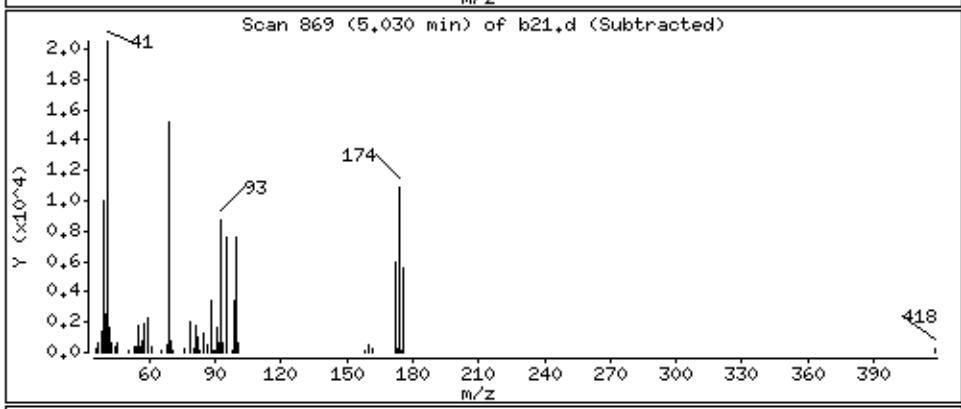
50 1,4-Dioxane

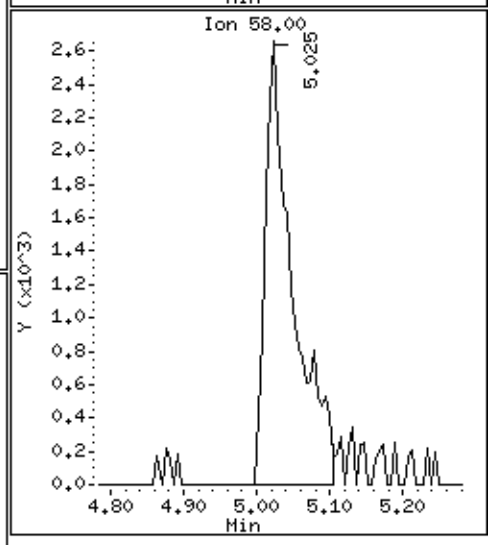
Concentration: 912 ppb

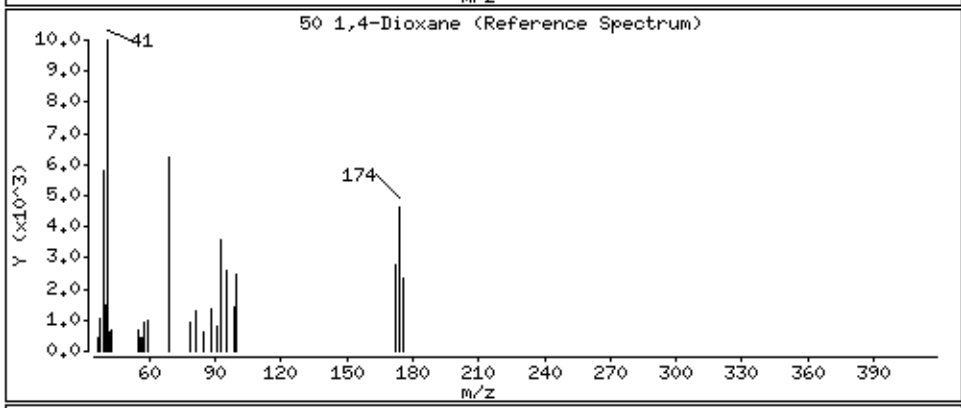
Review Code:

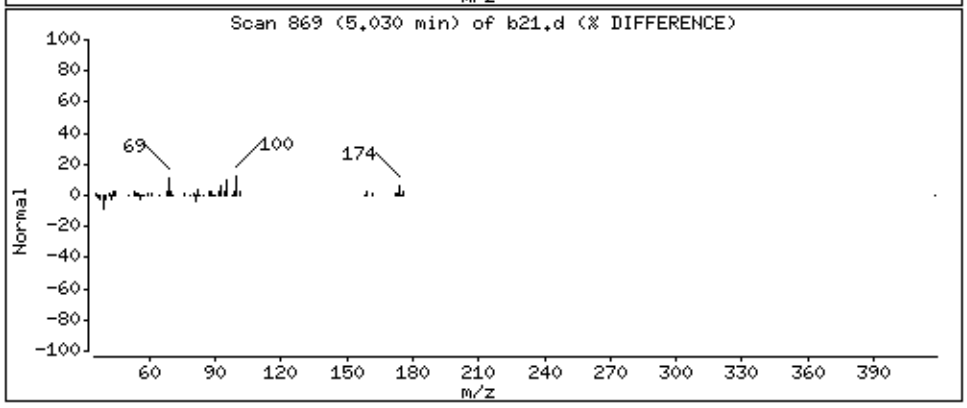












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

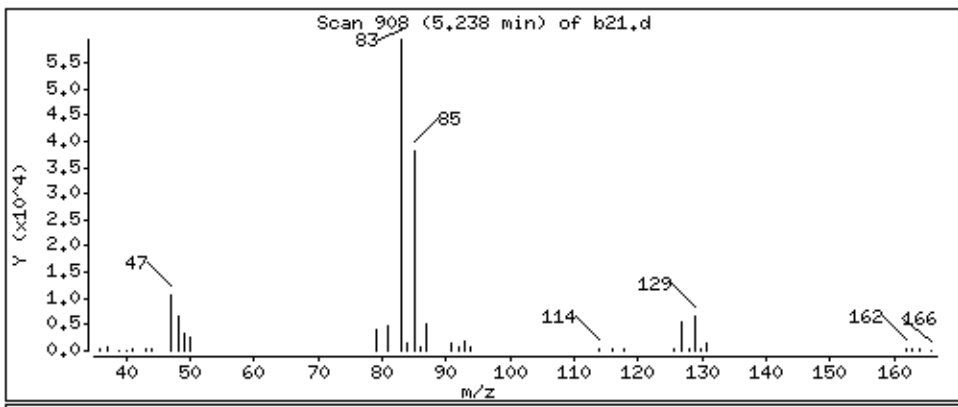
Column phase: DB-624

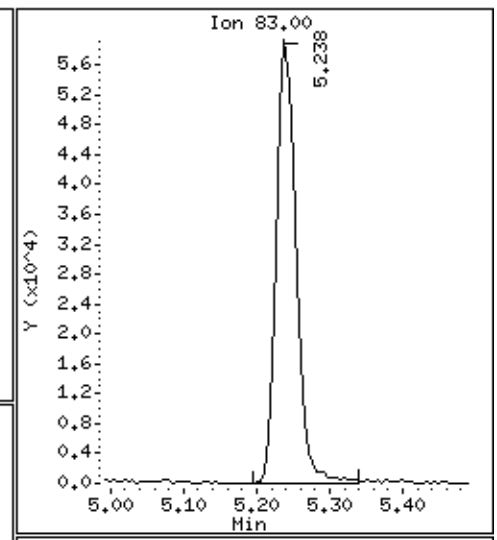
Column diameter: 0.18

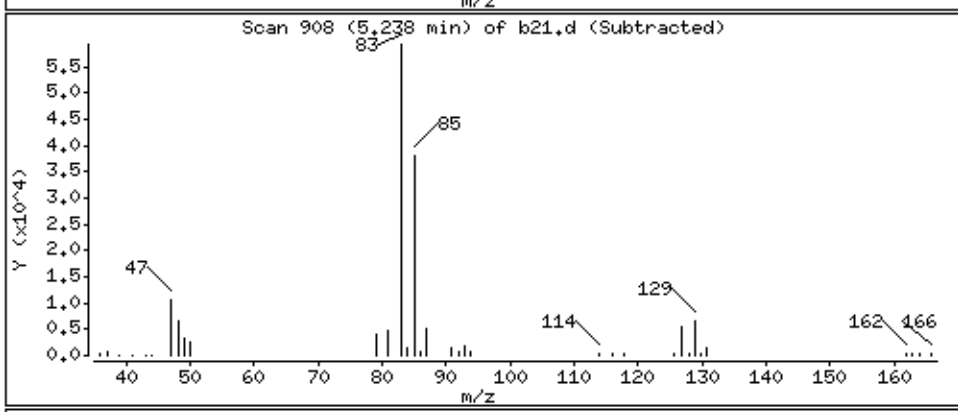
51 Bromodichloromethane

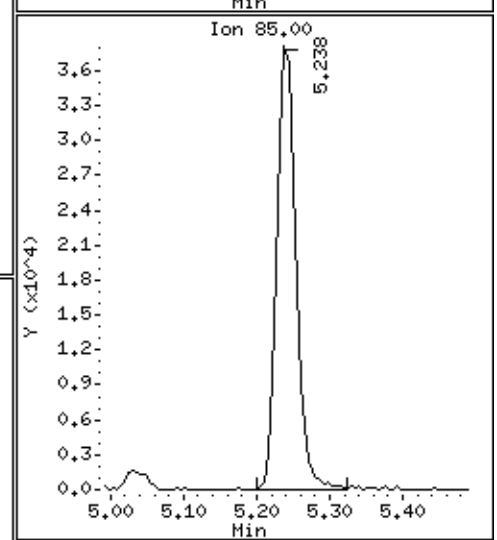
Concentration: 48.8 ppb

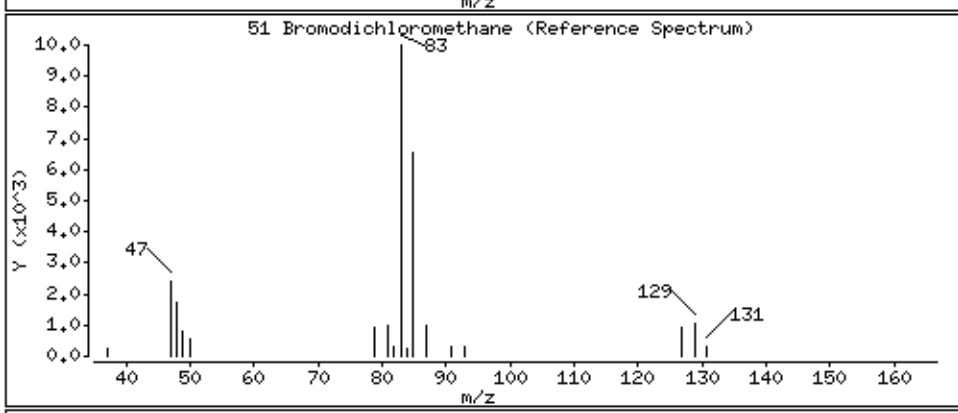
Review Code:

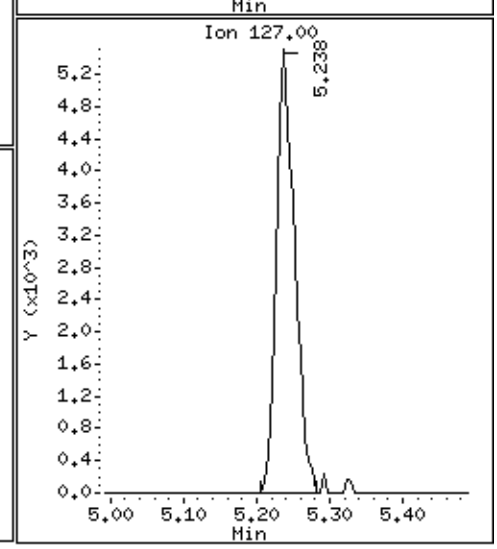


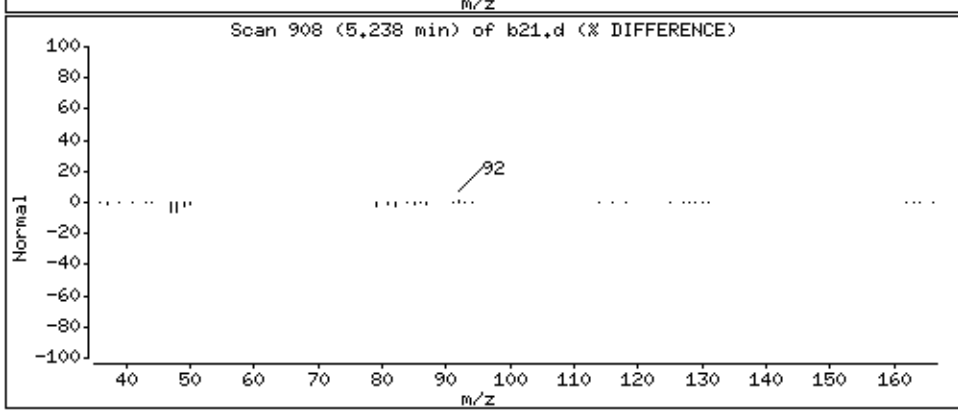












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

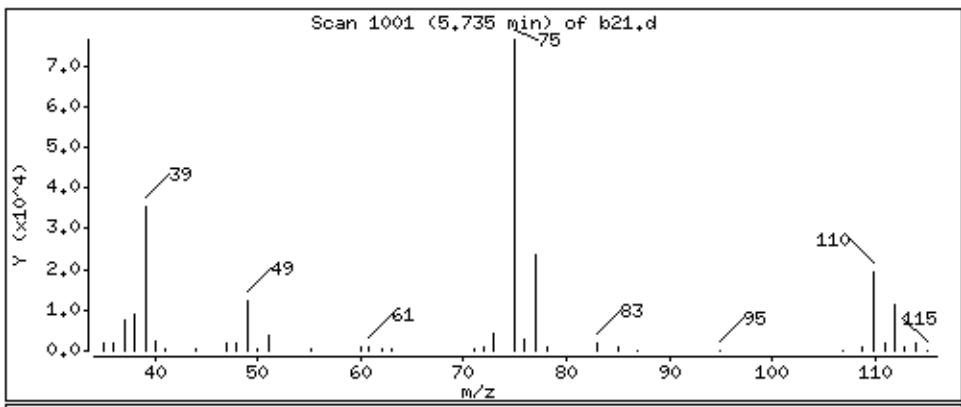
Column phase: DB-624

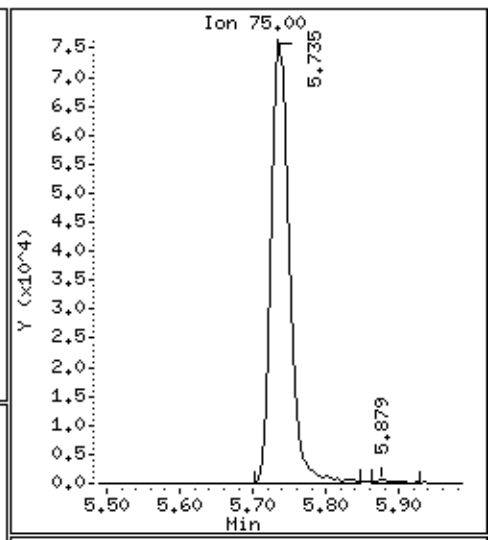
Column diameter: 0.18

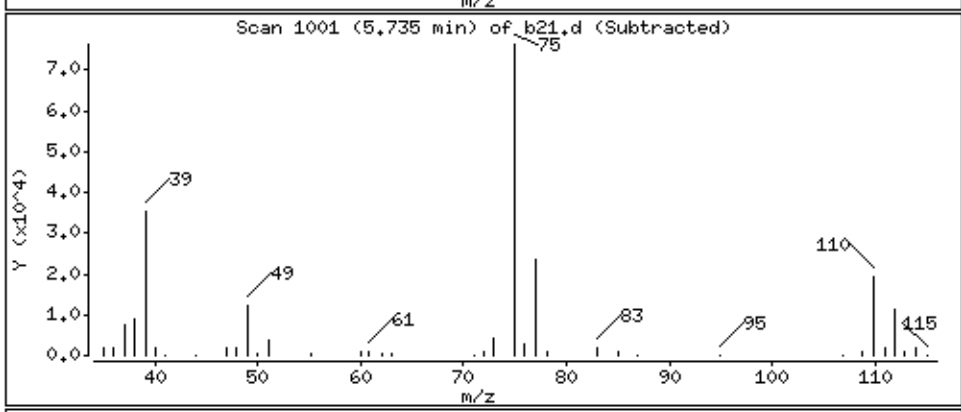
53 cis-1,3-Dichloropropene

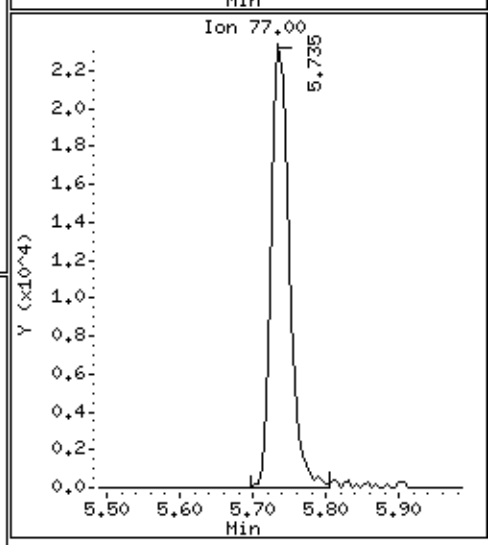
Concentration: 47.3 ppb

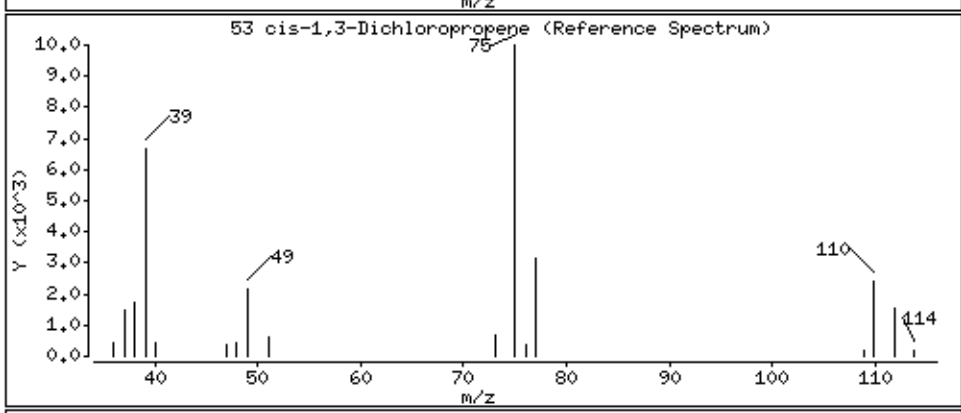
Review Code:

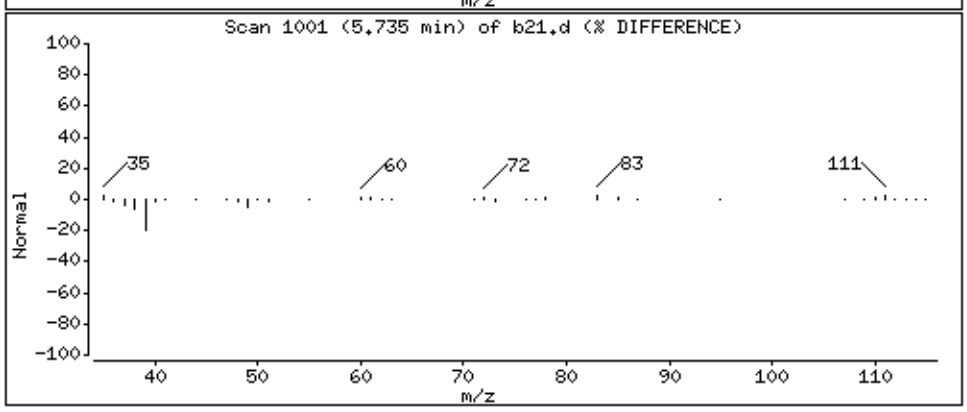












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

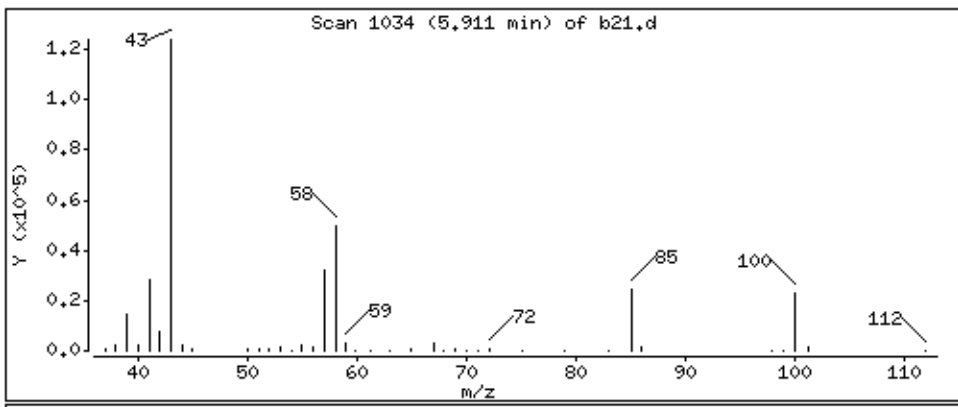
Column phase: DB-624

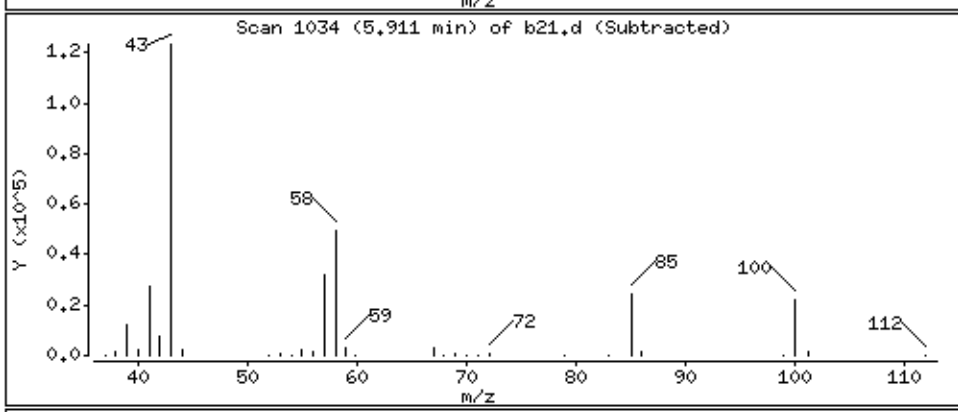
Column diameter: 0.18

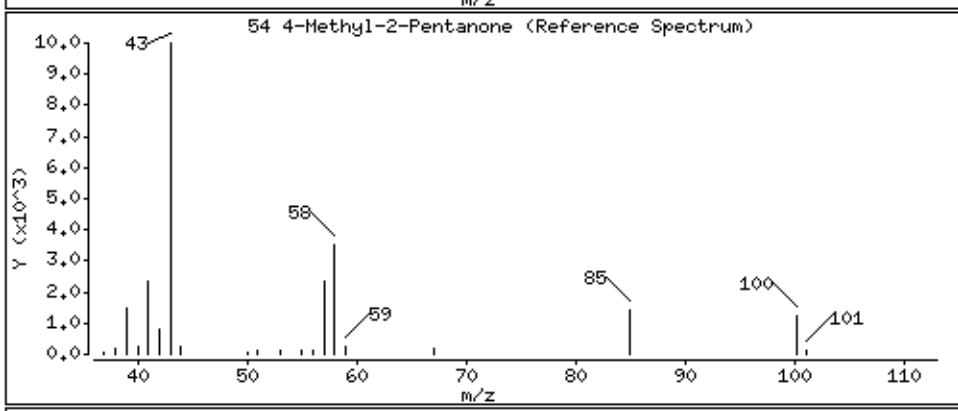
54 4-Methyl-2-Pentanone

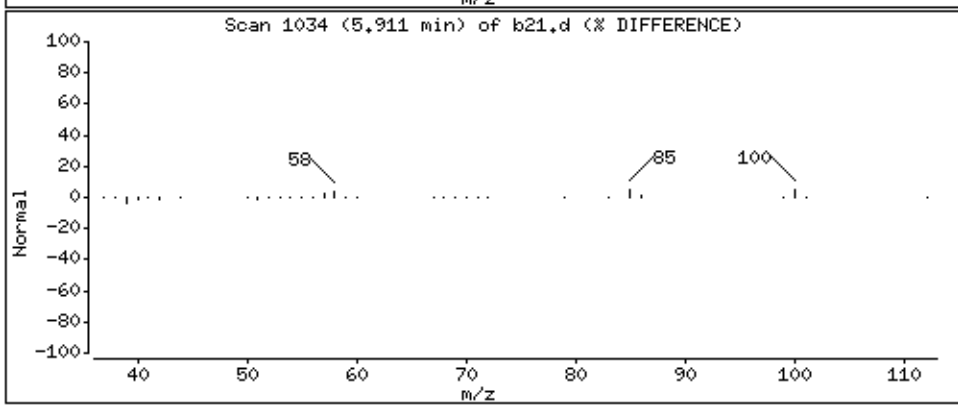
Concentration: 236 ppb

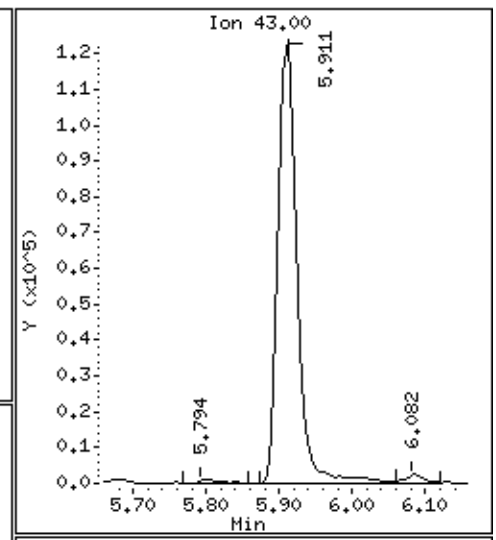
Review Code:

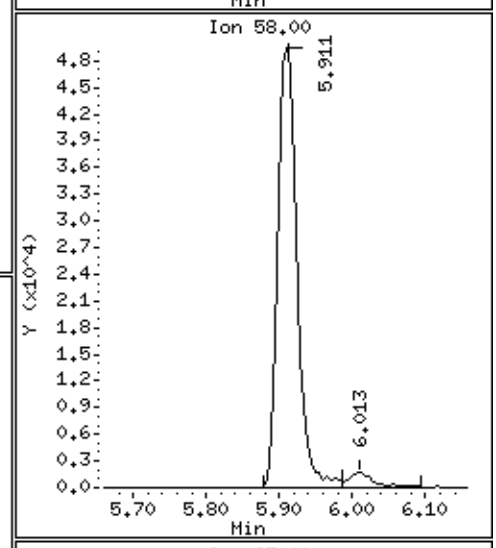


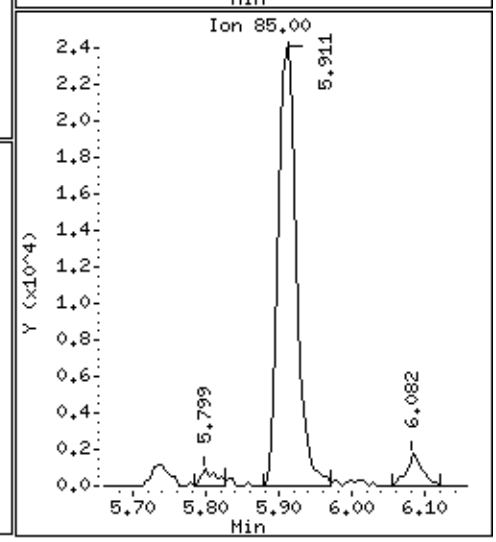












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

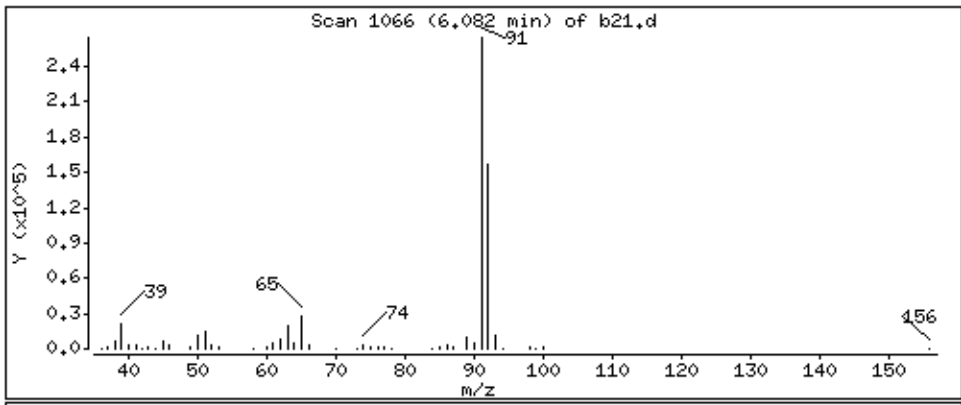
Column phase: DB-624

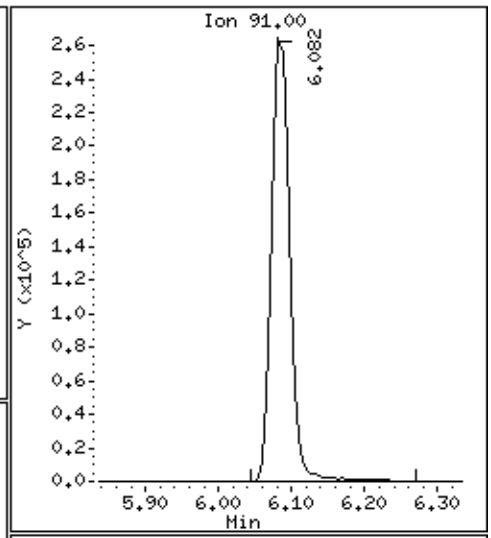
Column diameter: 0.18

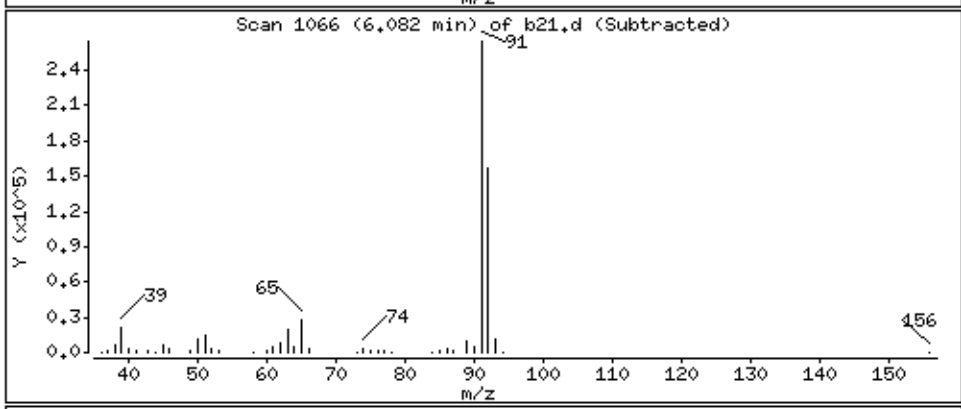
56 Toluene

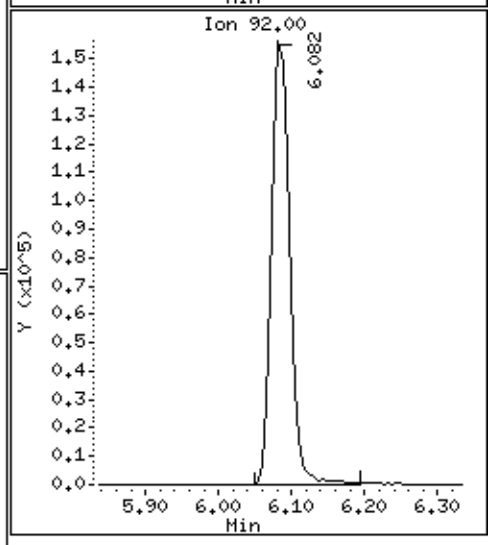
Concentration: 49.1 ppb

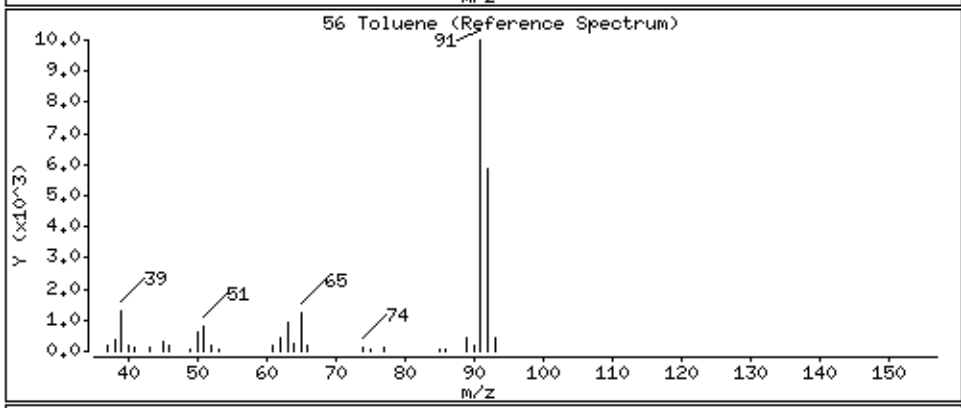
Review Code:

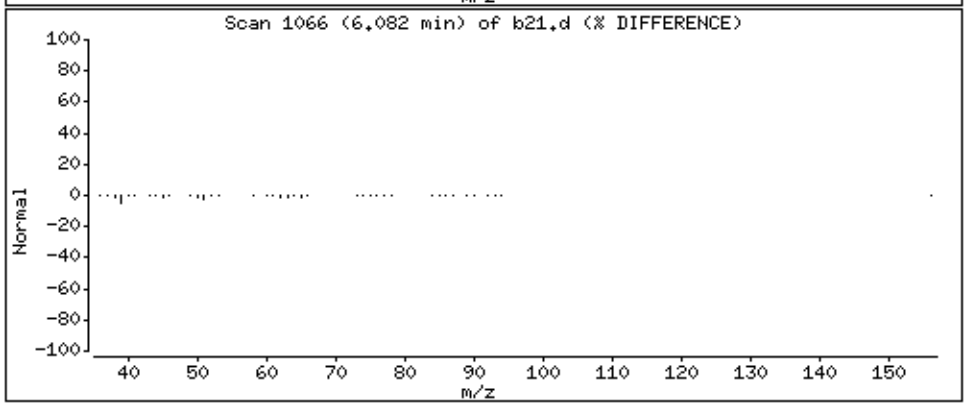












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

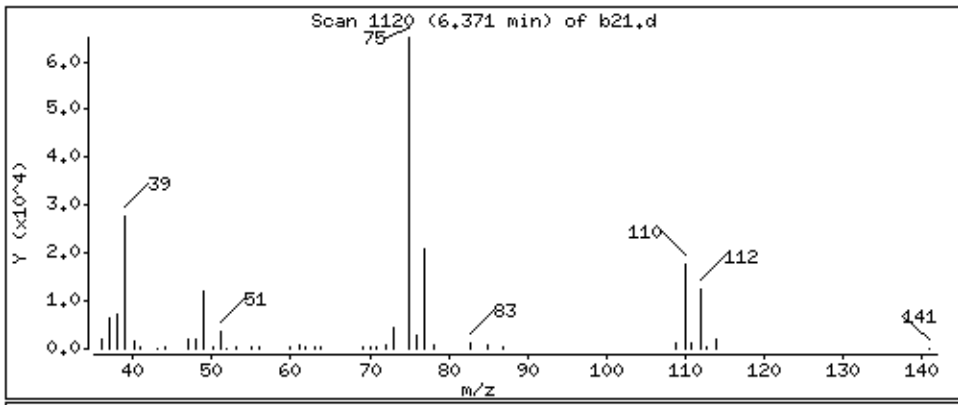
Column phase: DB-624

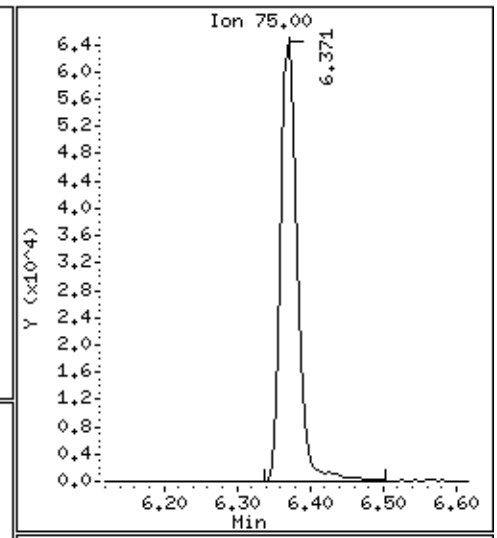
Column diameter: 0.18

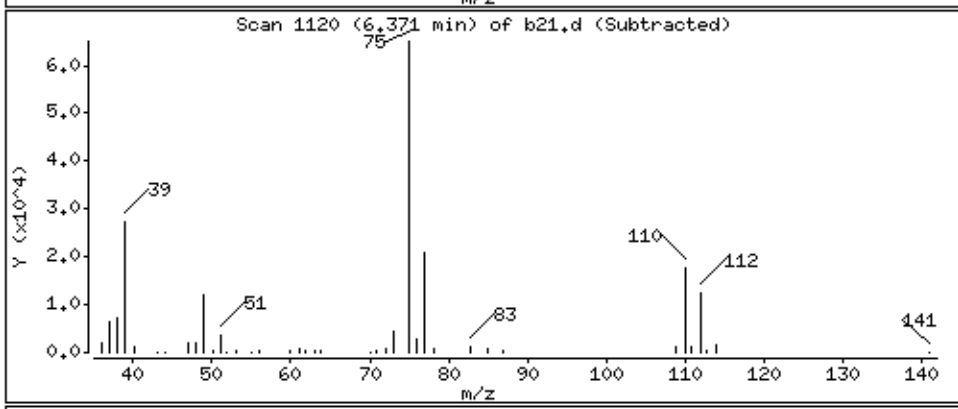
57 trans-1,3-Dichloropropene

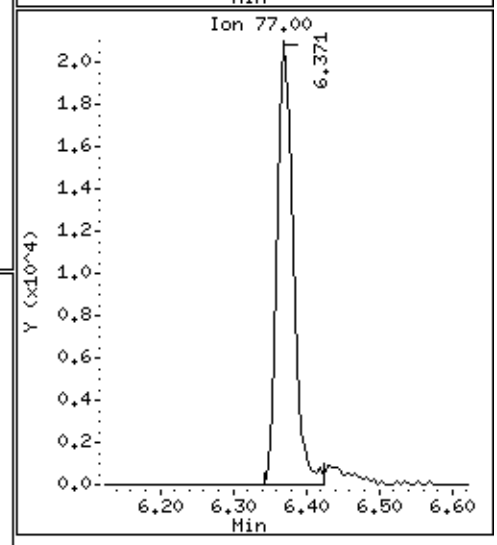
Concentration: 45.9 ppb

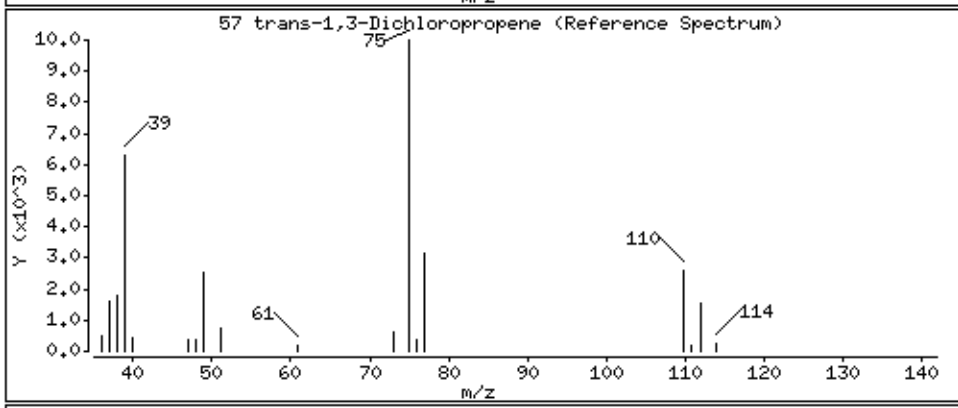
Review Code:

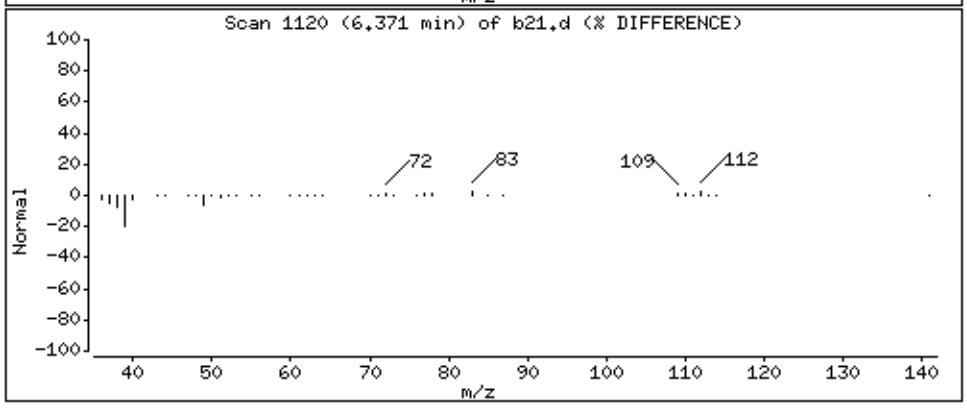












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

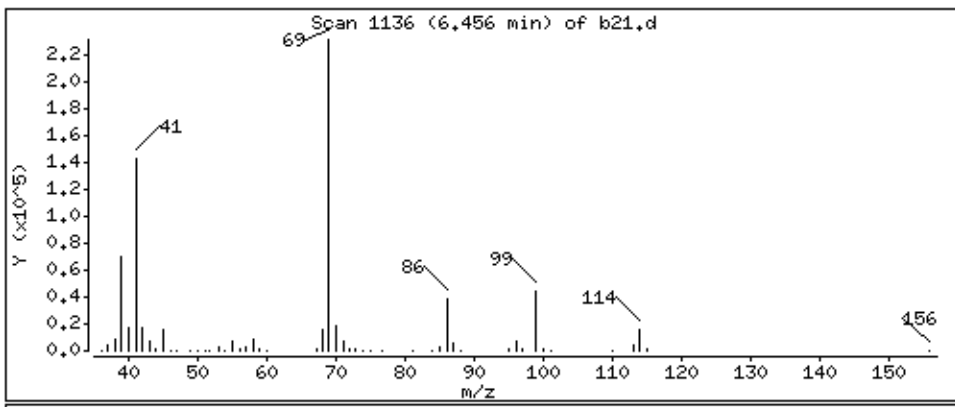
Column phase: DB-624

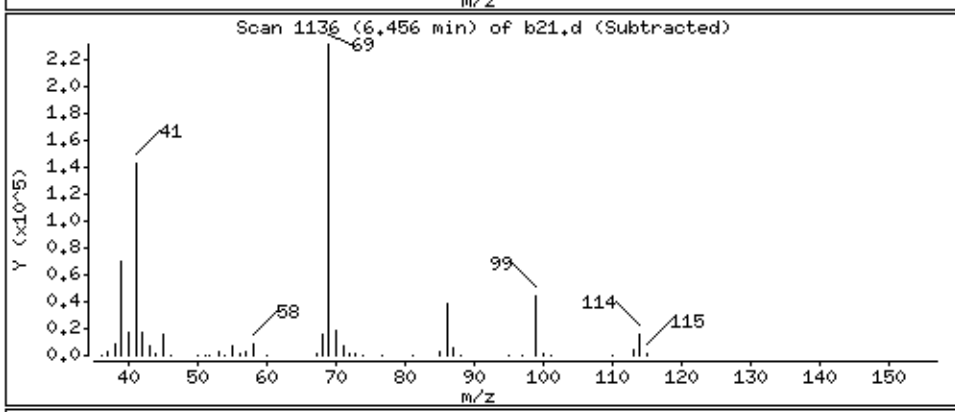
Column diameter: 0.18

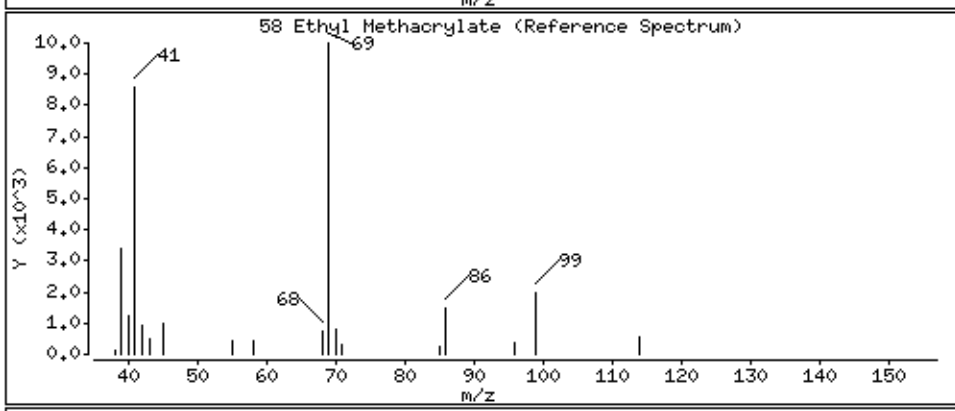
58 Ethyl Methacrylate

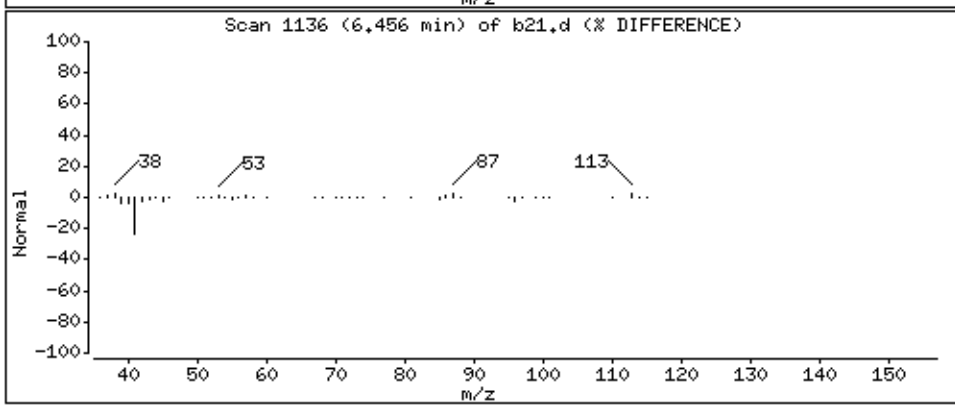
Concentration: 202 ppb

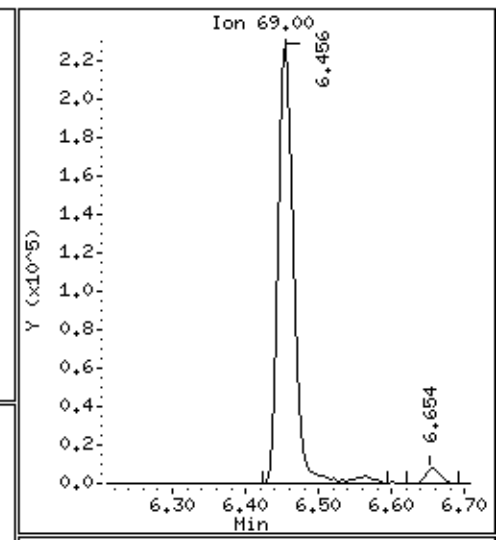
Review Code:

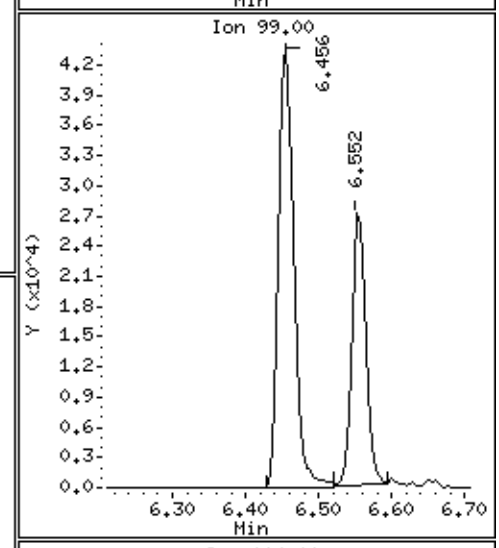


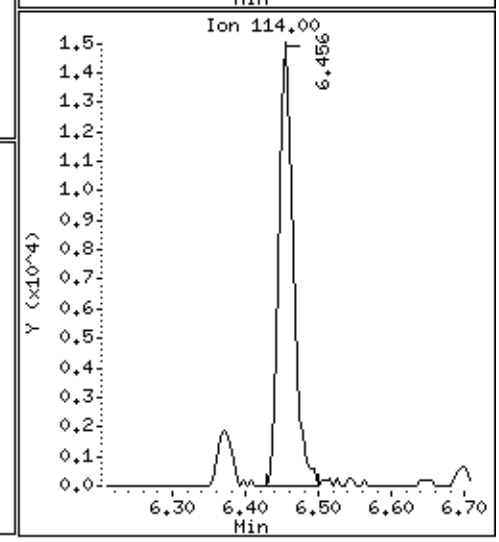












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

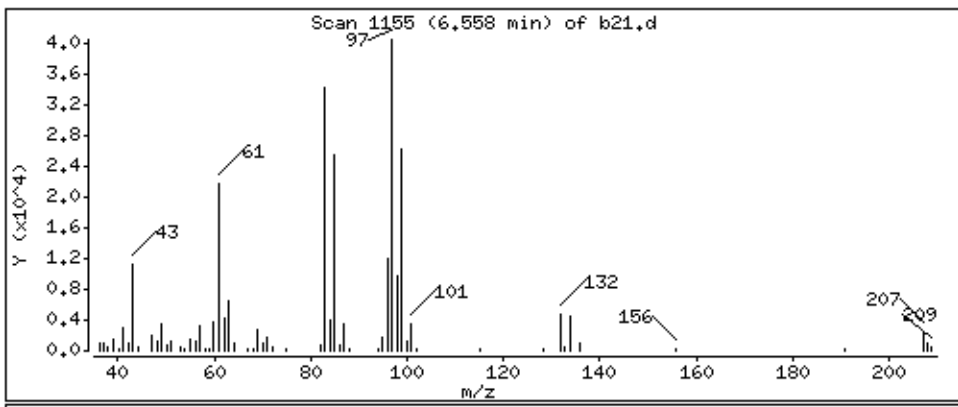
Column phase: DB-624

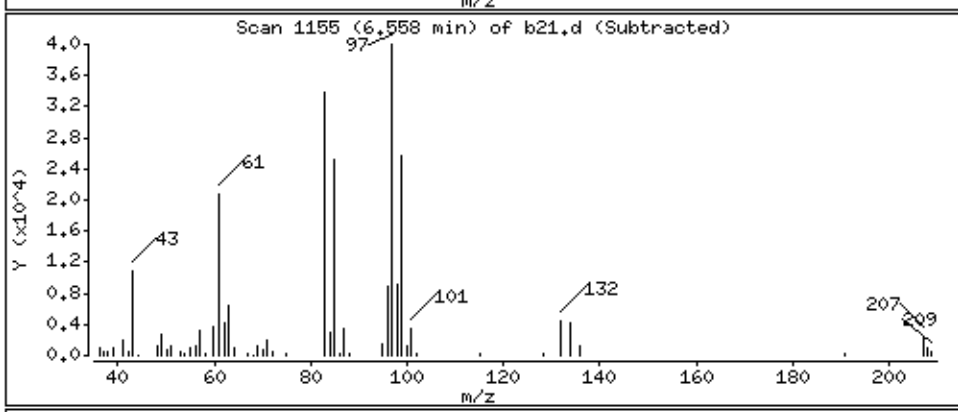
Column diameter: 0.18

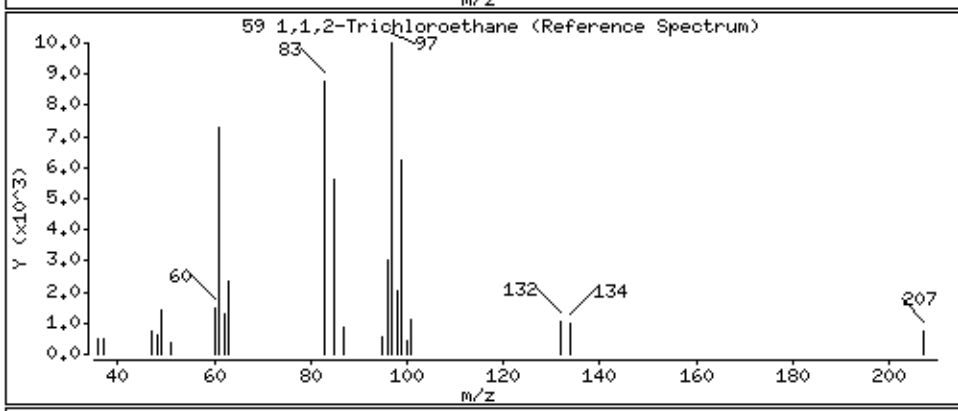
59 1,1,2-Trichloroethane

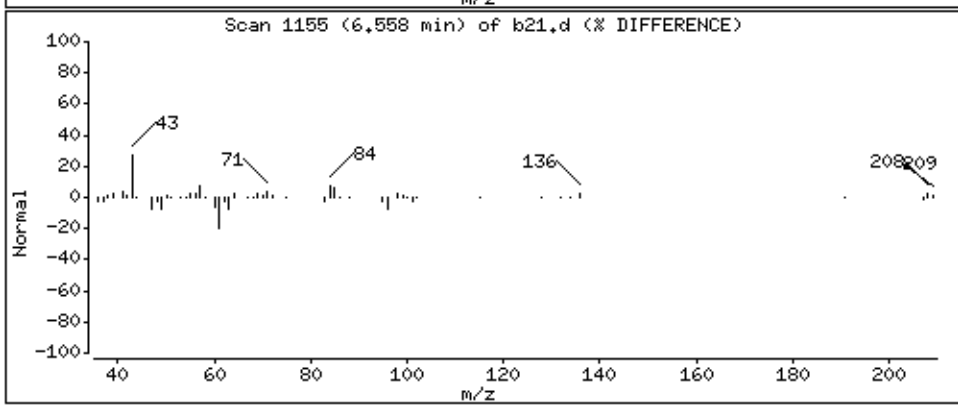
Concentration: 46.1 ppb

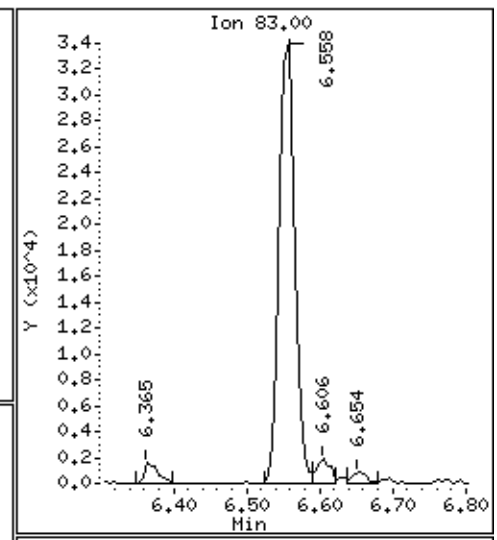
Review Code:

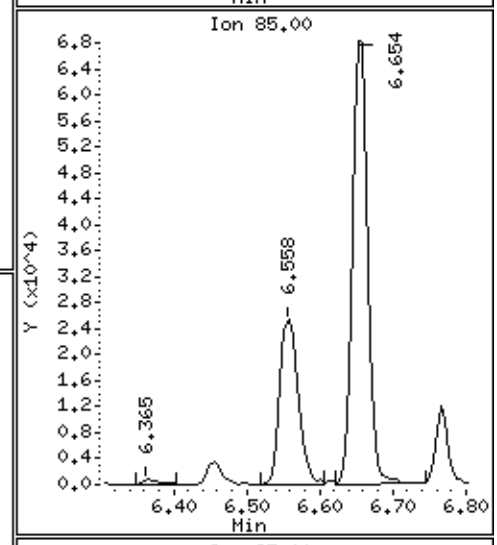


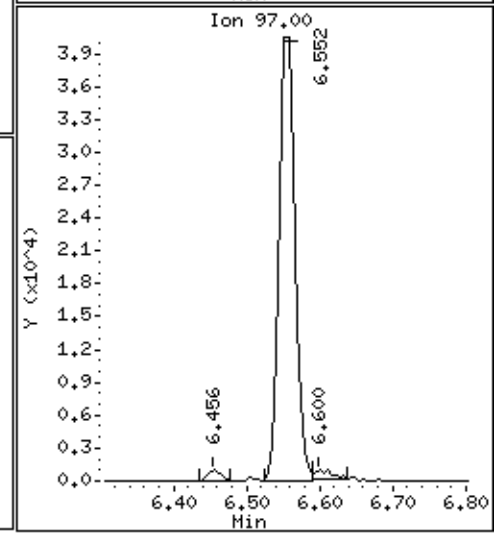












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

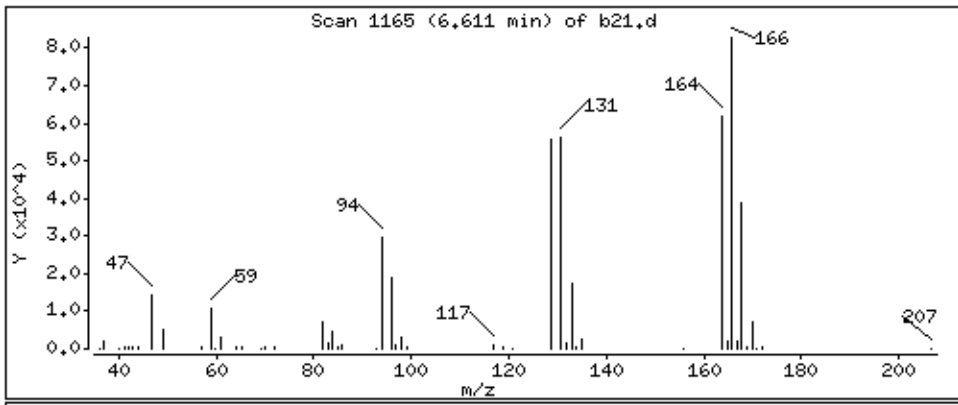
Column phase: DB-624

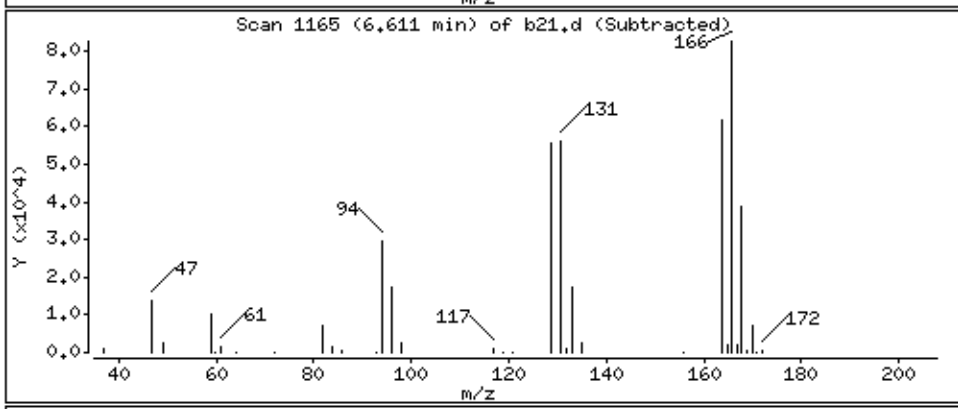
Column diameter: 0.18

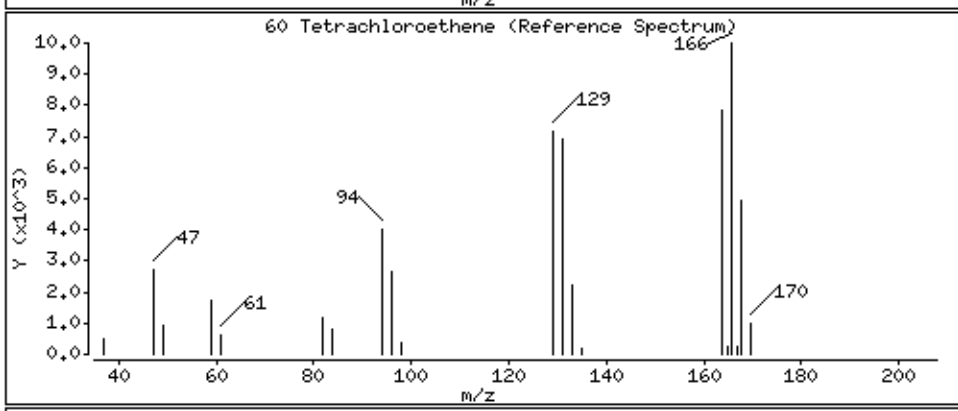
60 Tetrachloroethene

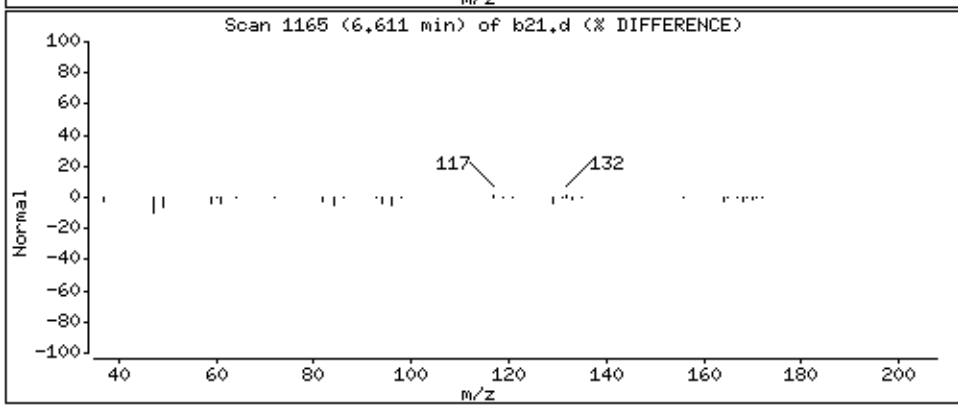
Concentration: 51.0 ppb

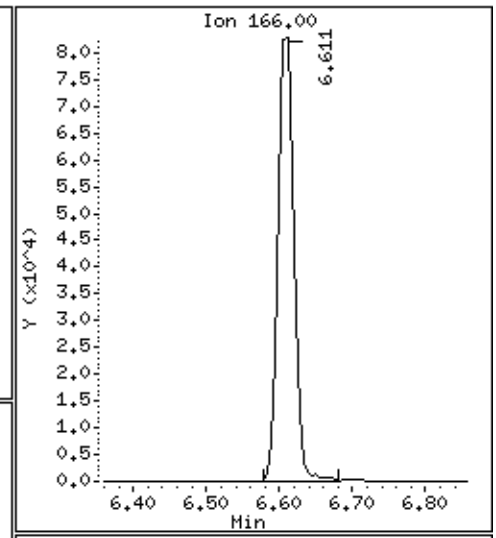
Review Code:

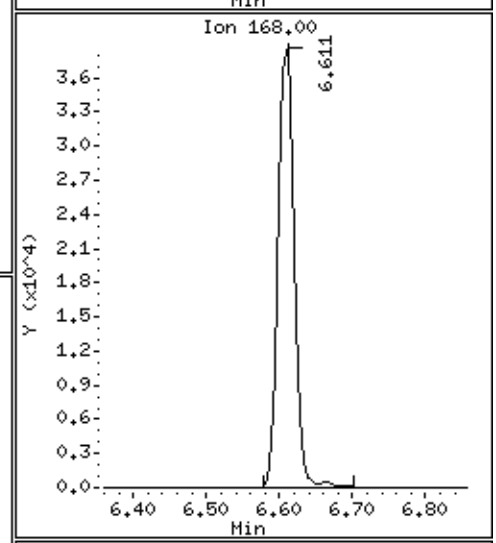


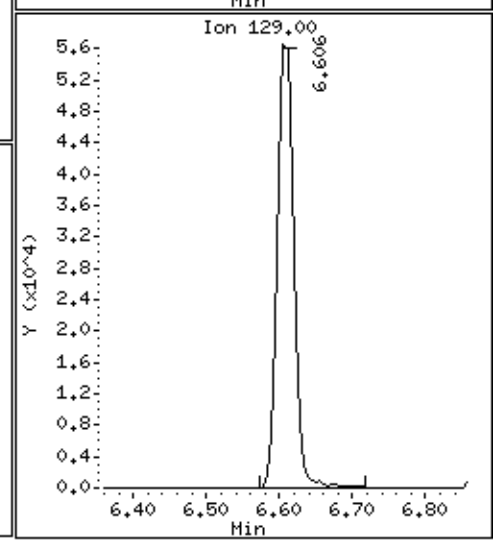












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

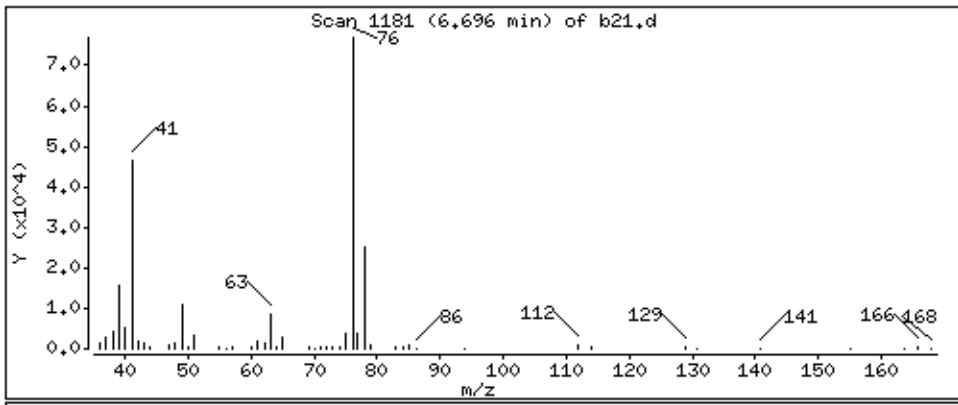
Column phase: DB-624

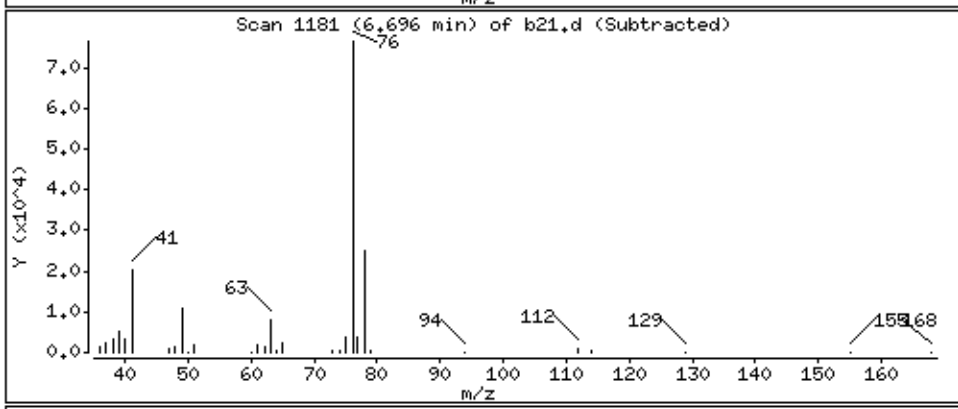
Column diameter: 0.18

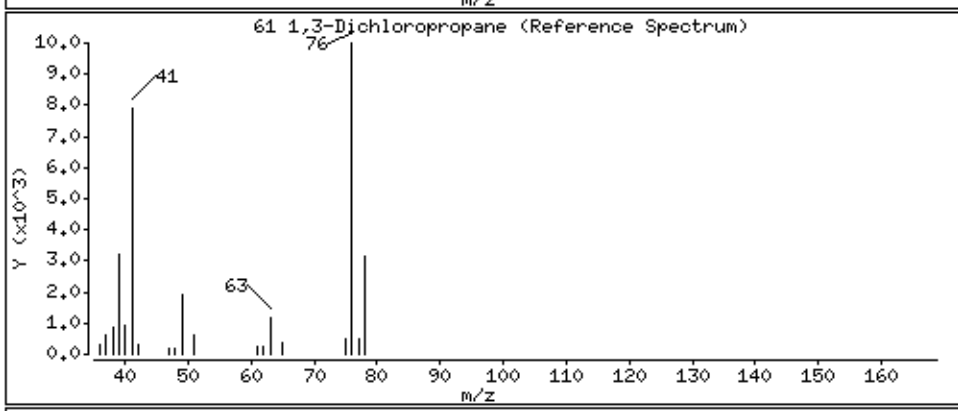
61 1,3-Dichloropropane

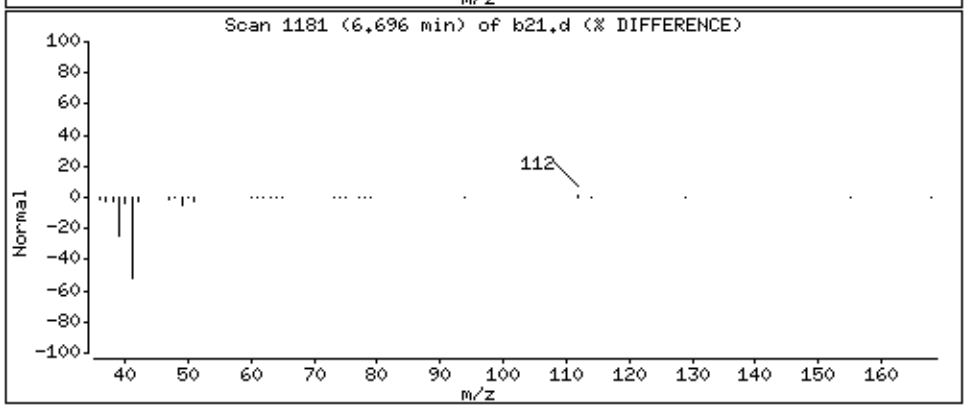
Concentration: 52.5 ppb

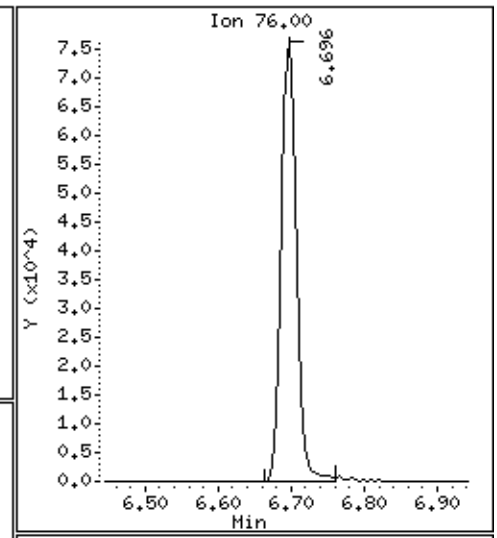
Review Code:

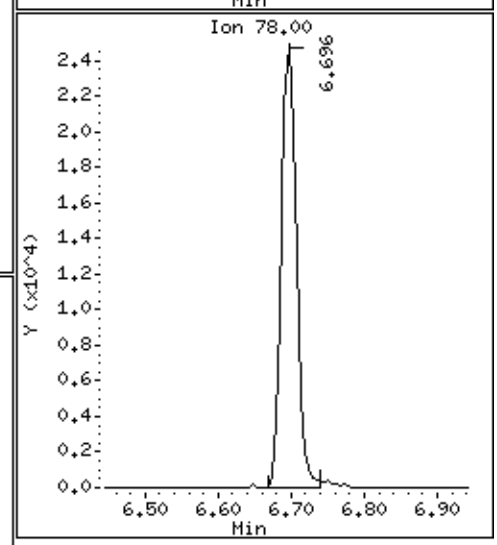












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

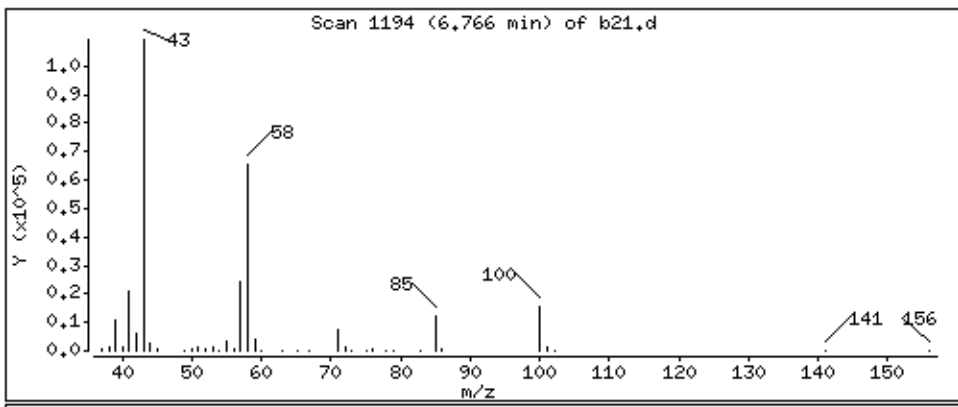
Column phase: DB-624

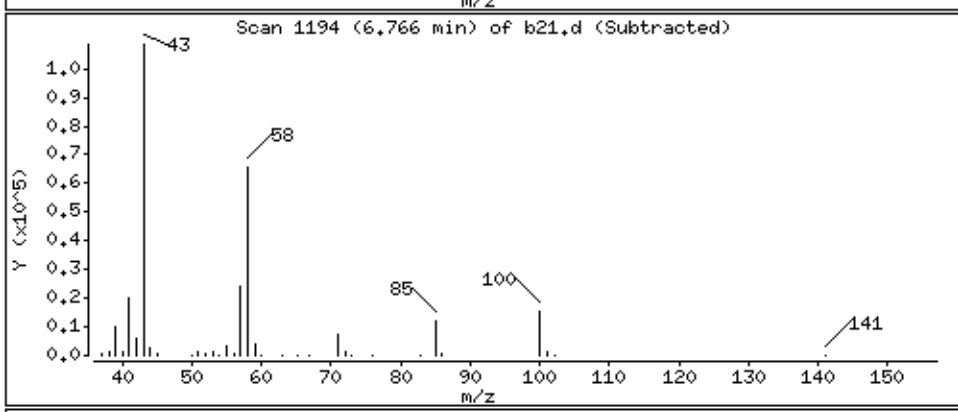
Column diameter: 0.18

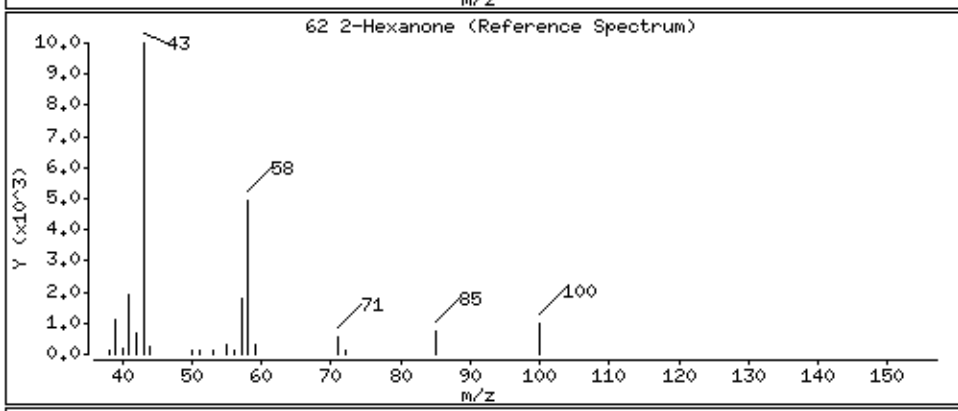
62 2-Hexanone

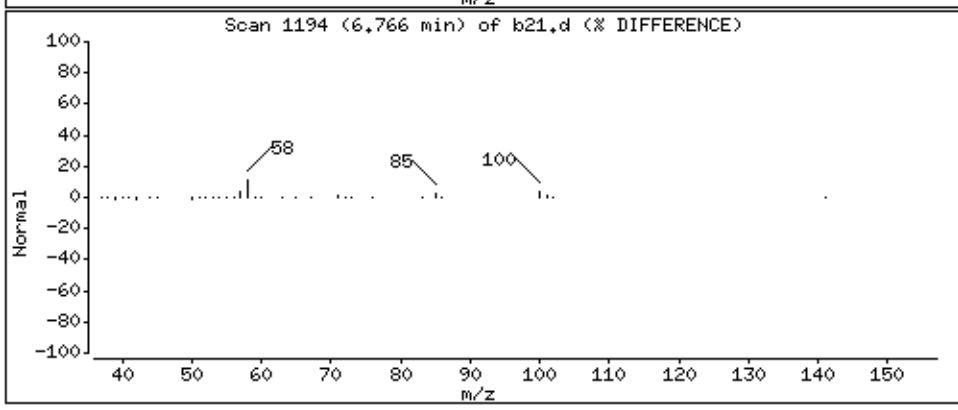
Concentration: 249 ppb

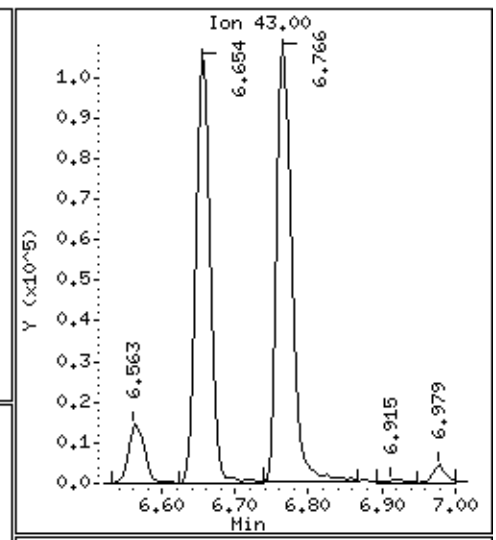
Review Code:

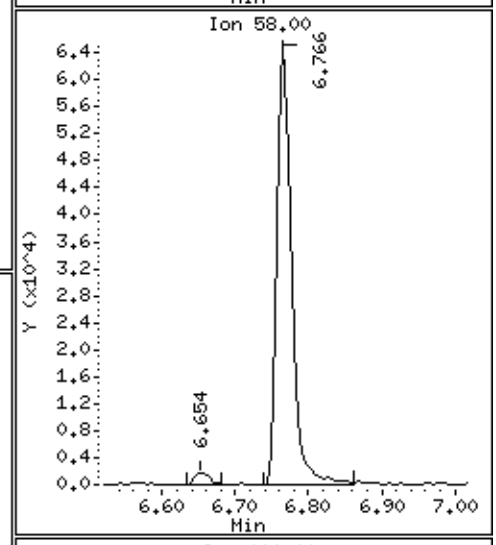


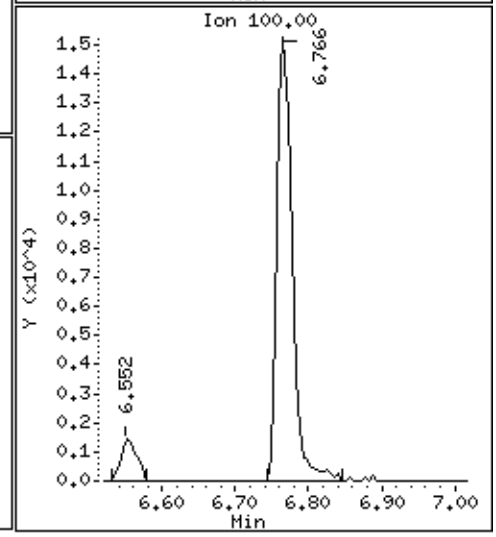












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

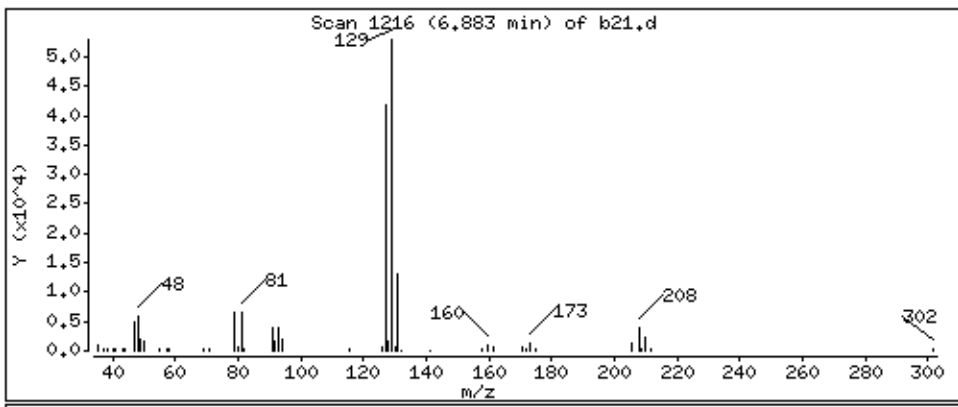
Column phase: DB-624

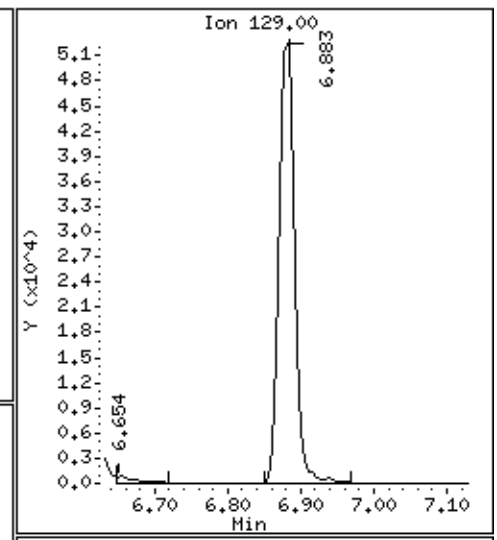
Column diameter: 0.18

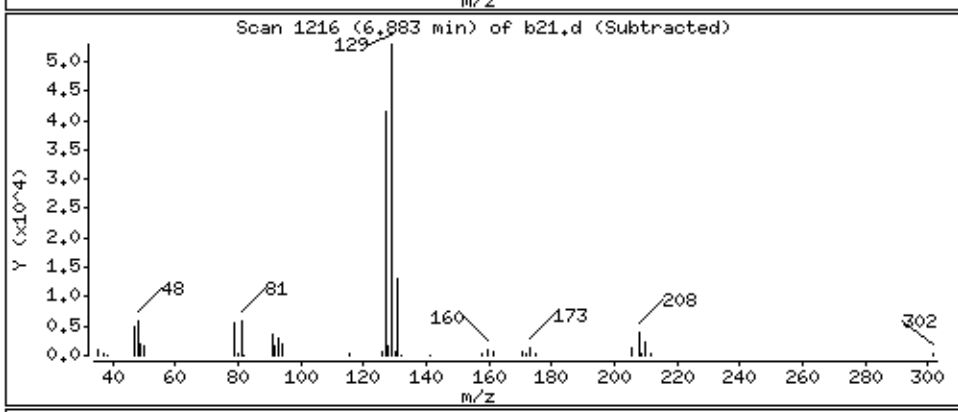
63 Dibromochloromethane

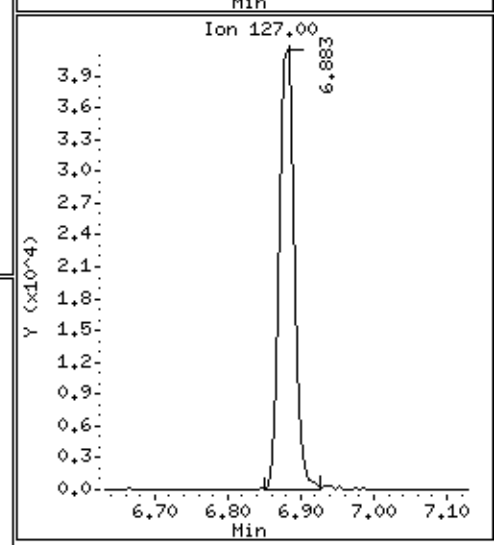
Concentration: 50.6 ppb

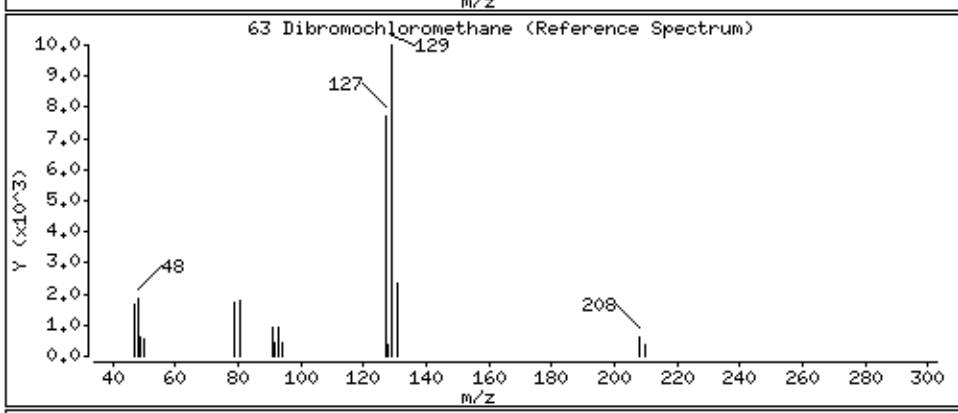
Review Code:

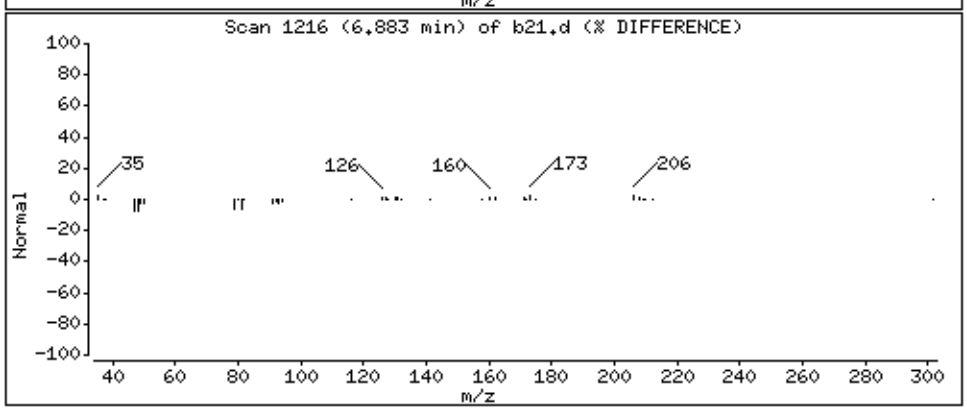












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Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

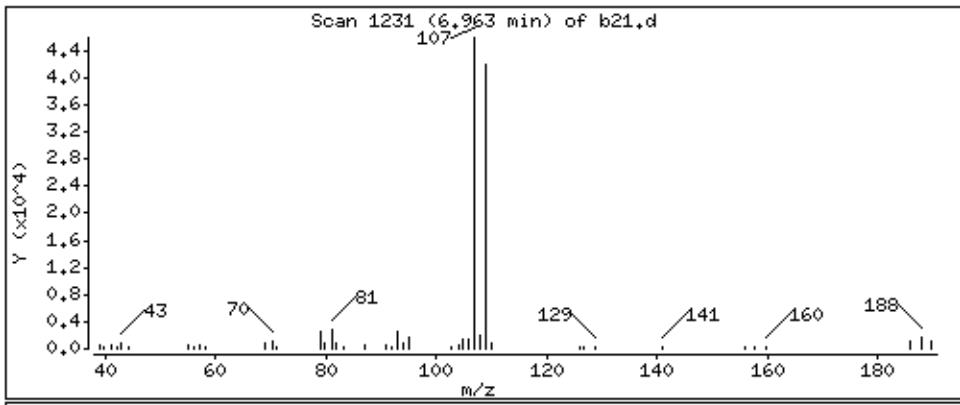
Column phase: DB-624

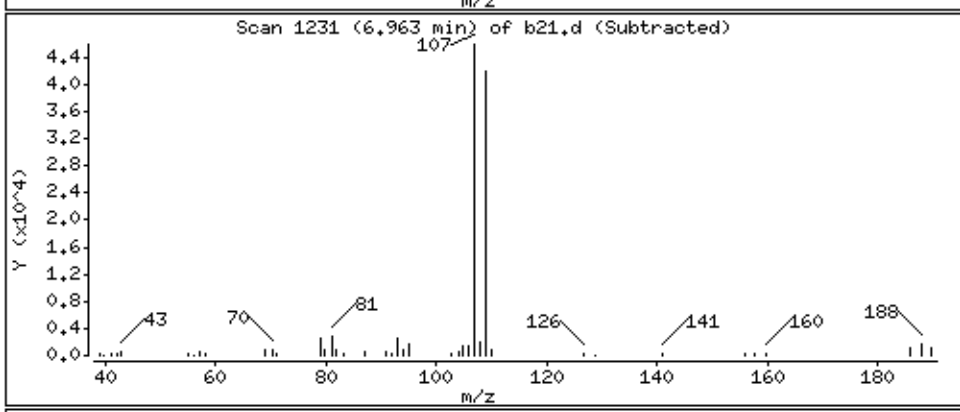
Column diameter: 0.18

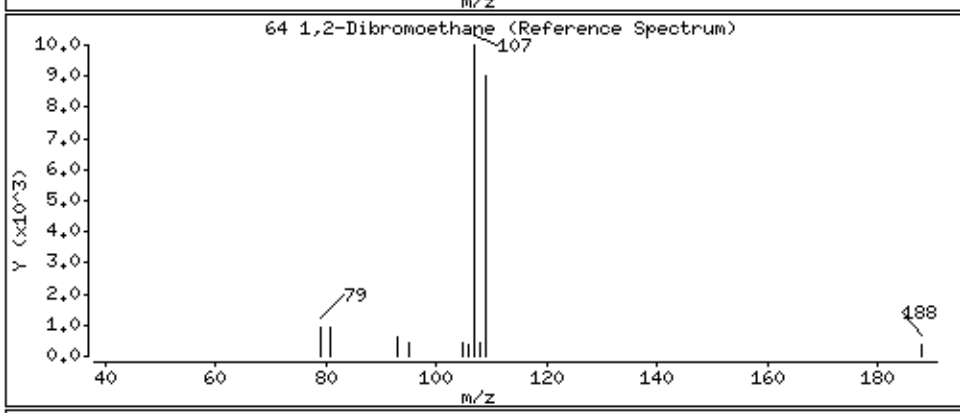
64 1,2-Dibromoethane

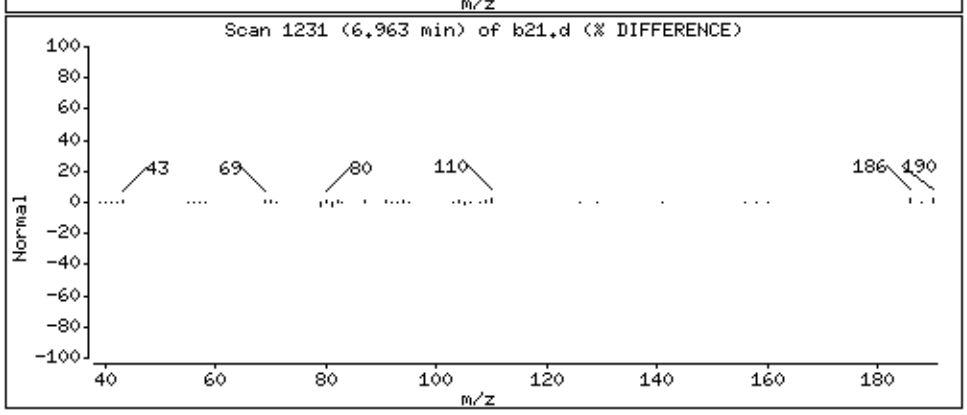
Concentration: 51.6 ppb

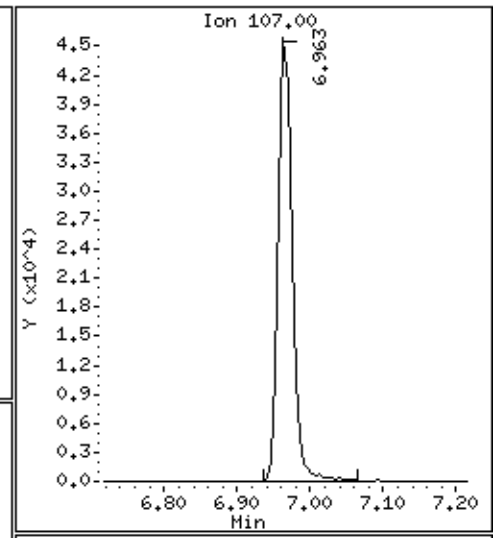
Review Code:

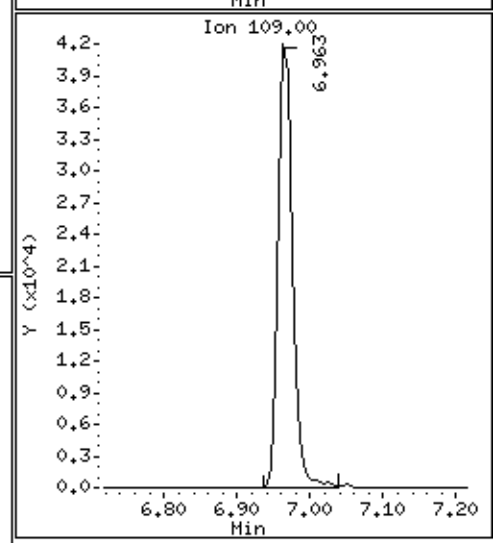












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

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Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

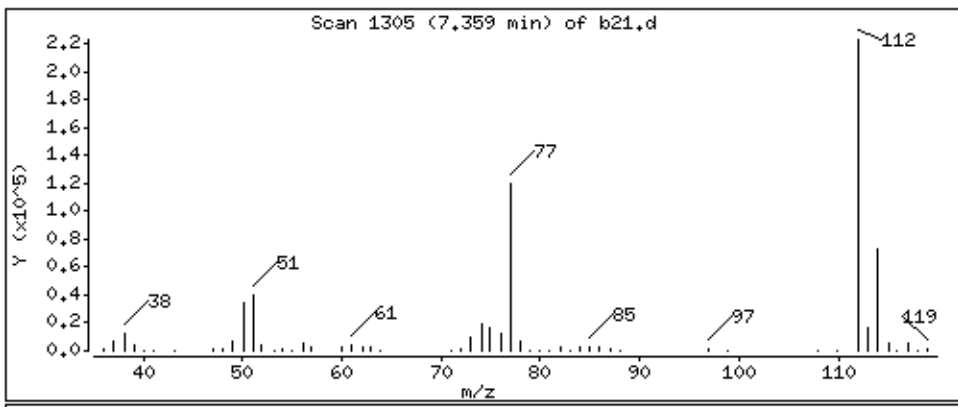
Column phase: DB-624

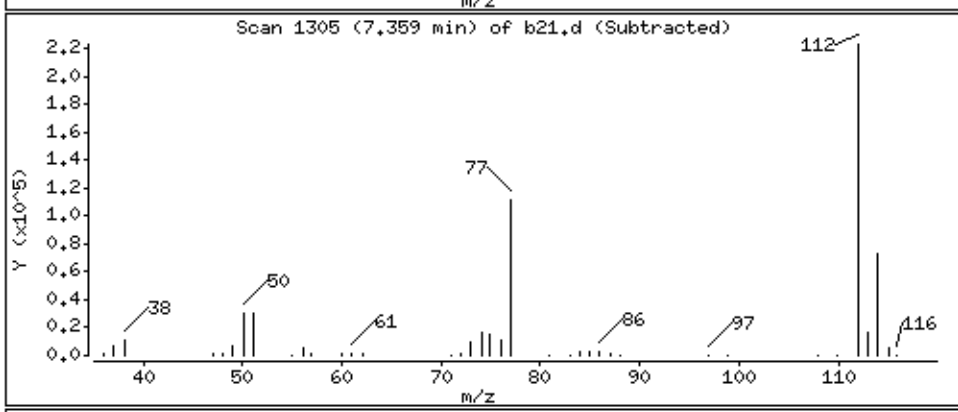
Column diameter: 0.18

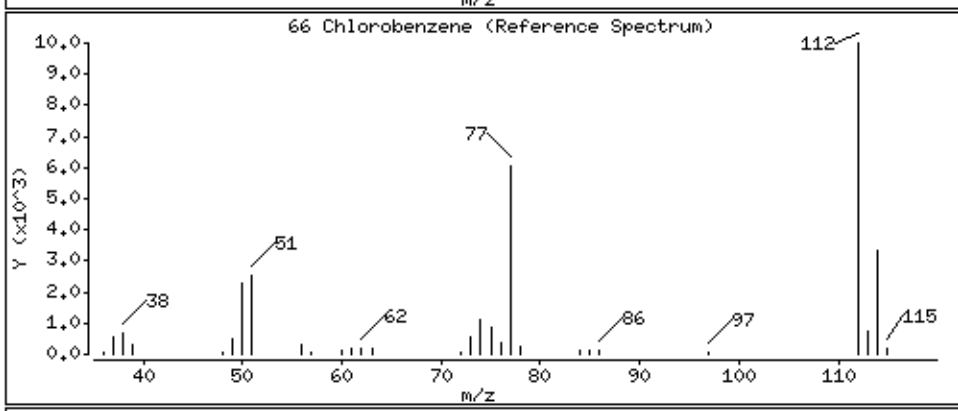
66 Chlorobenzene

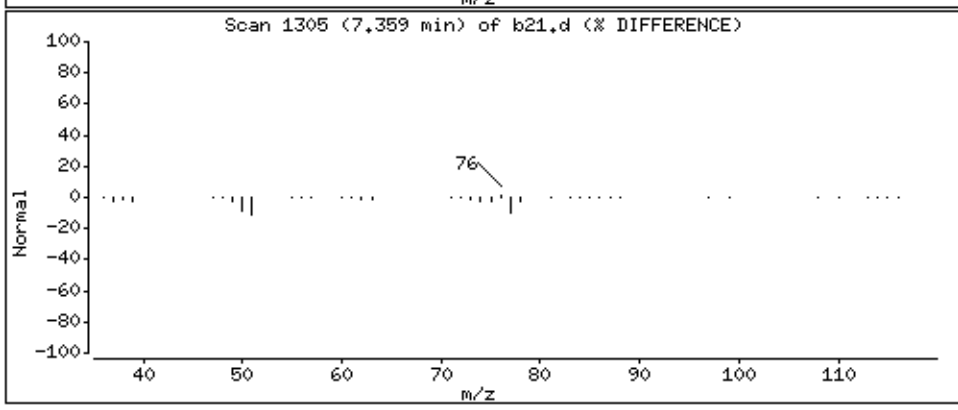
Concentration: 50.4 ppb

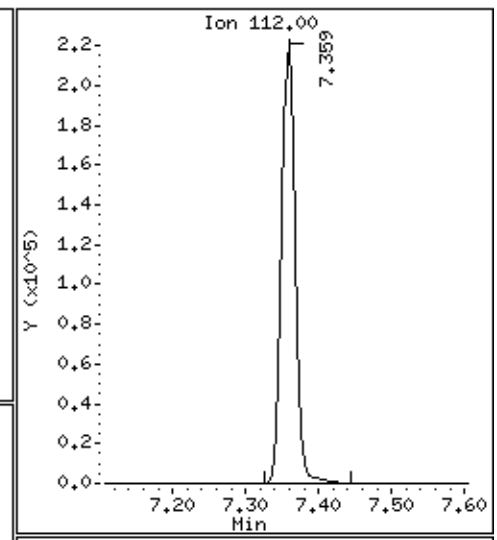
Review Code:

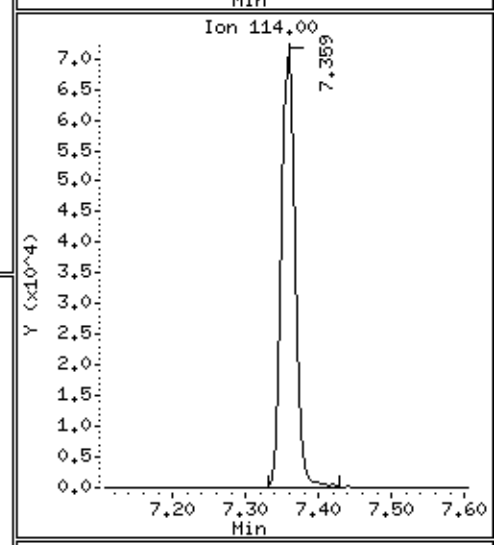


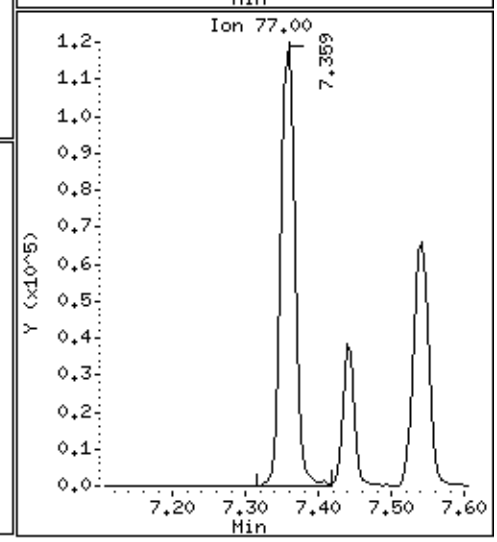












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

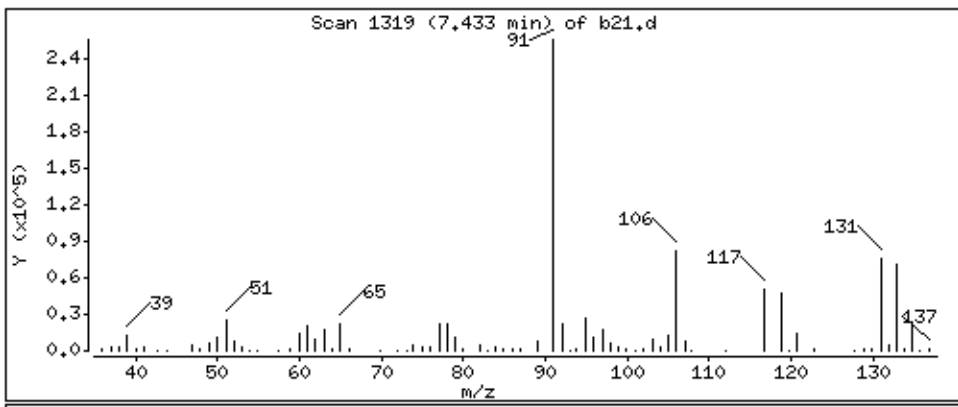
Column phase: DB-624

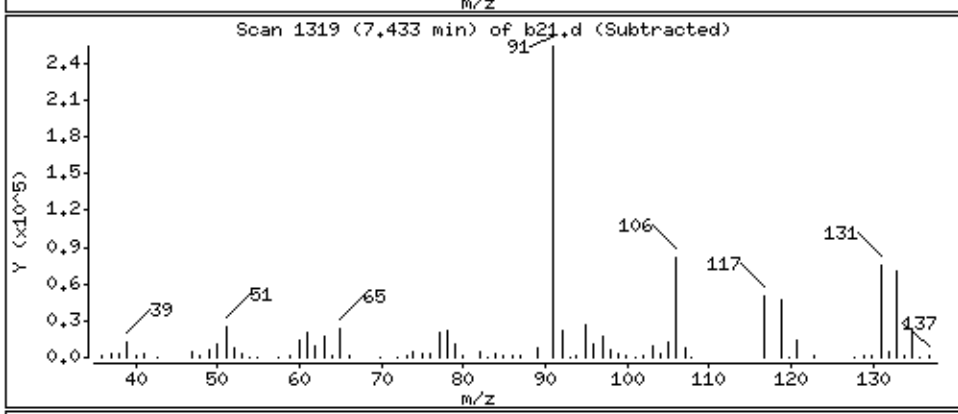
Column diameter: 0.18

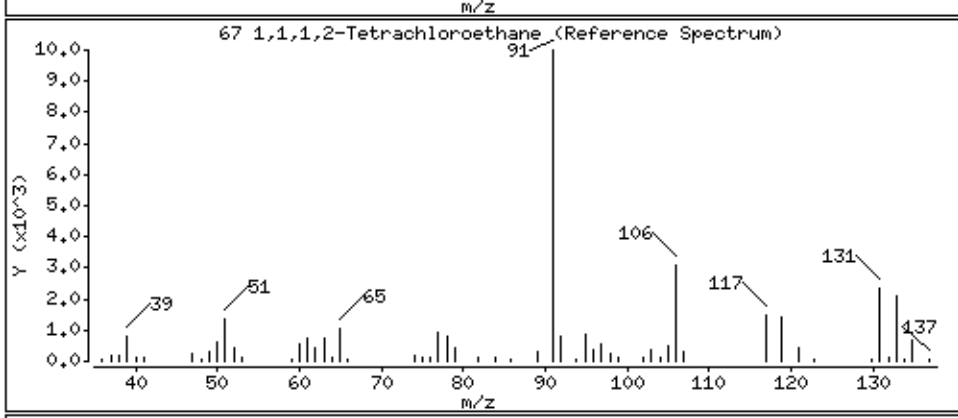
67 1,1,1,2-Tetrachloroethane

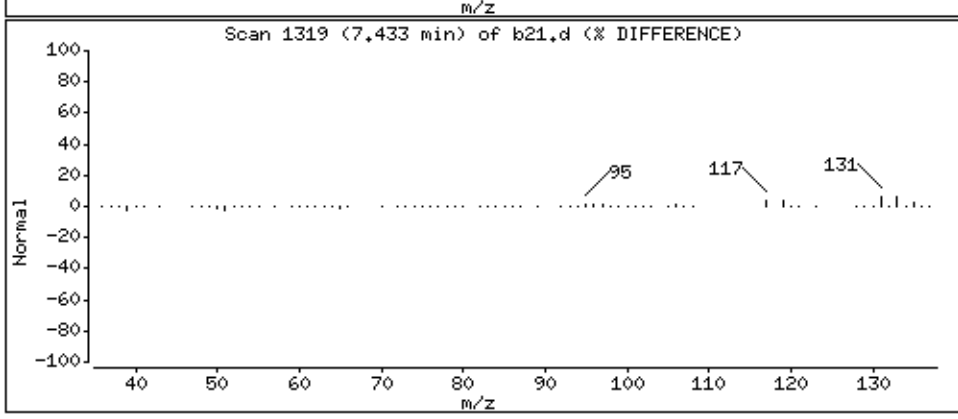
Concentration: 49.3 ppb

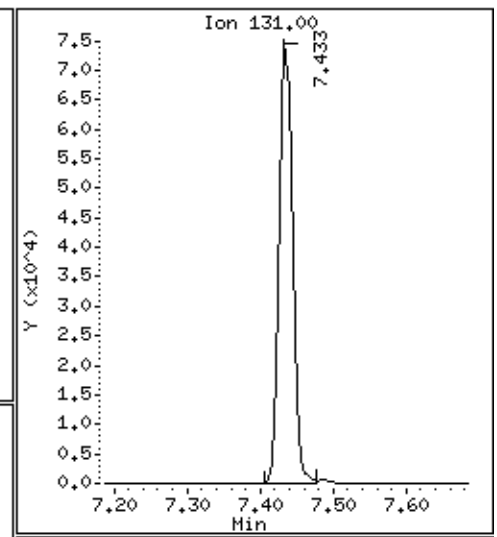
Review Code:

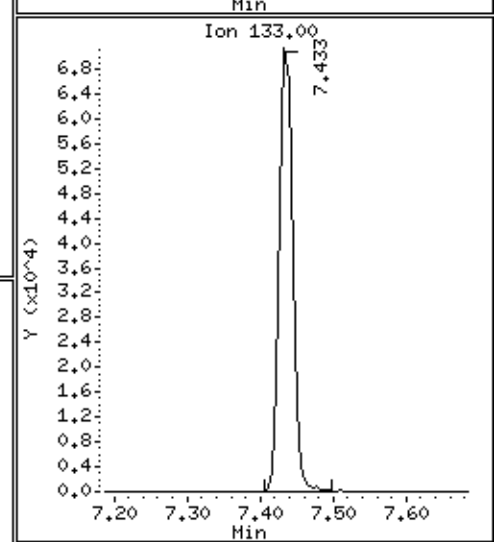


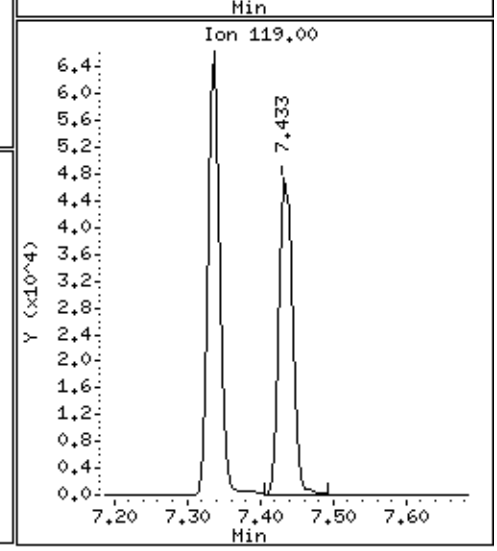












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Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

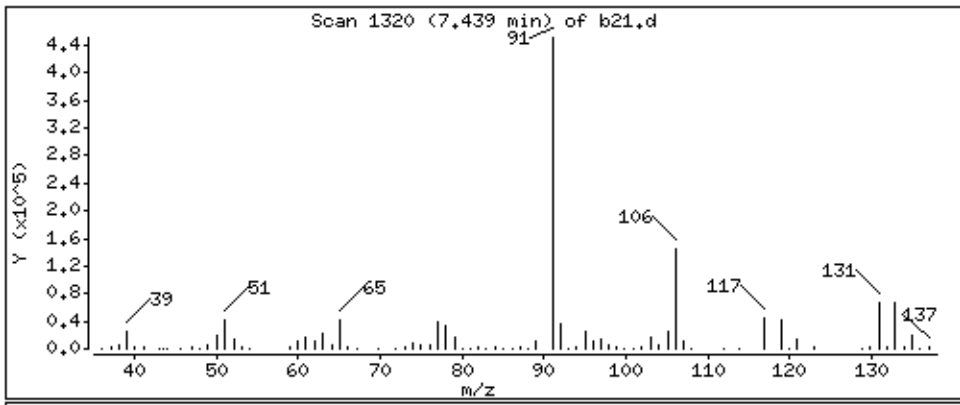
Column phase: DB-624

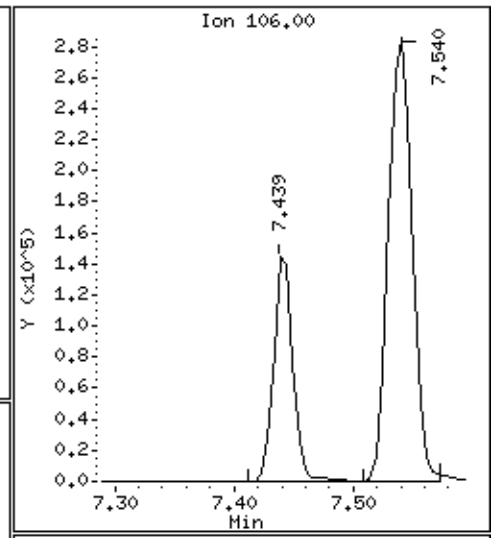
Column diameter: 0.18

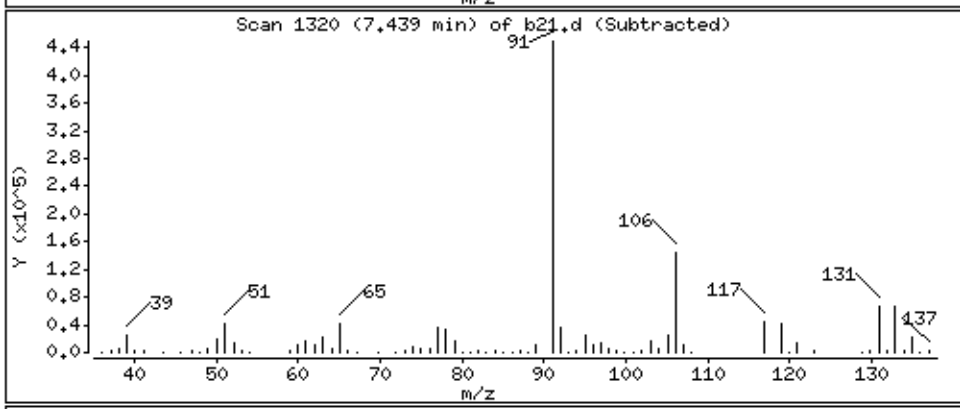
68 Ethylbenzene

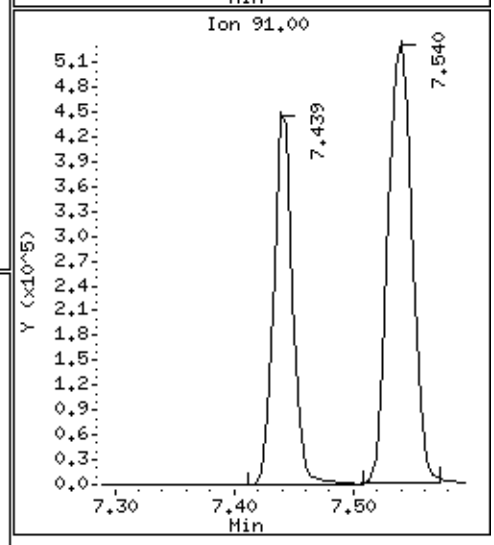
Concentration: 46.7 ppb

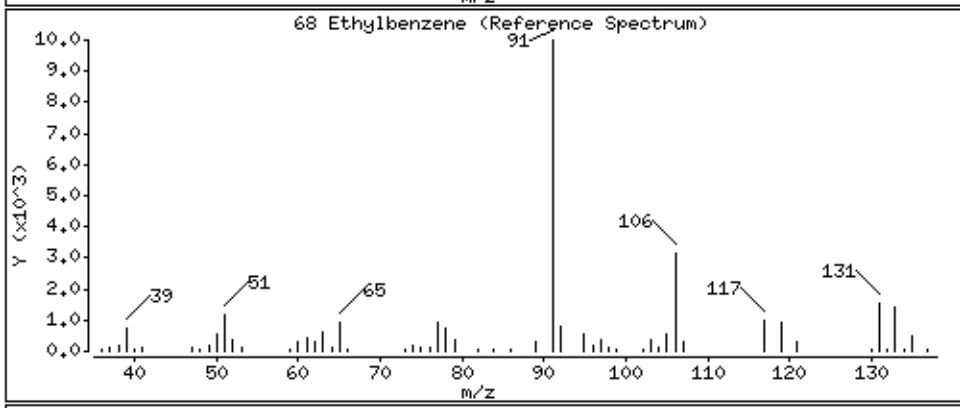
Review Code:

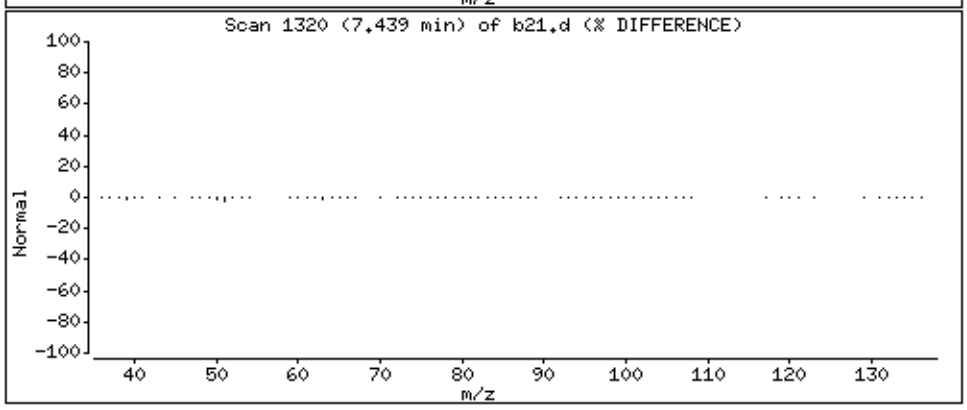












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

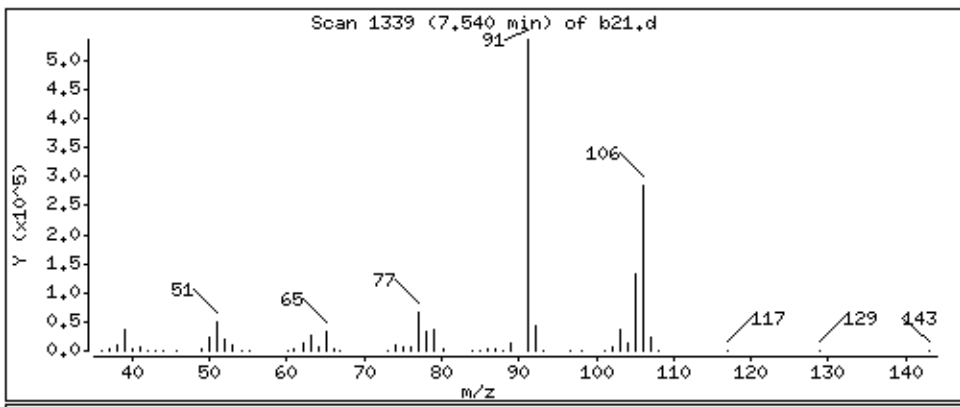
Column phase: DB-624

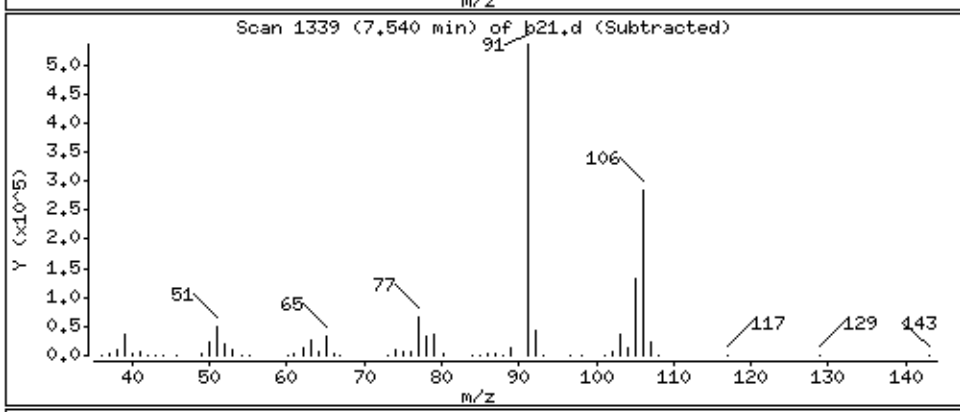
Column diameter: 0.18

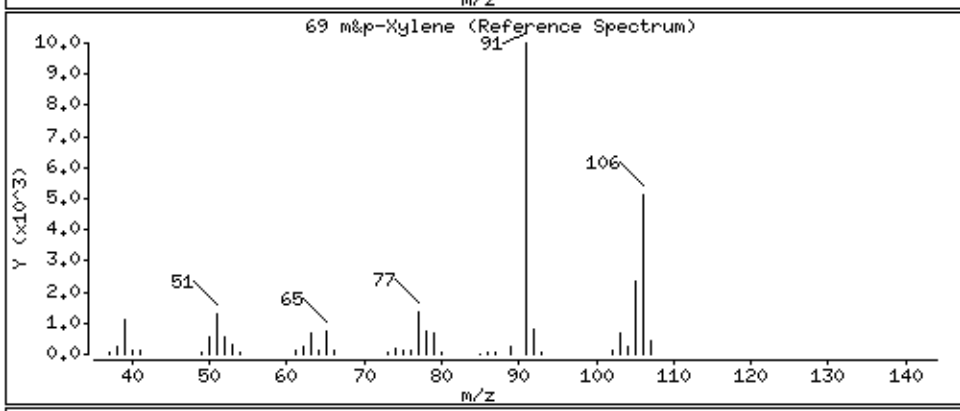
69 m&p-Xylene

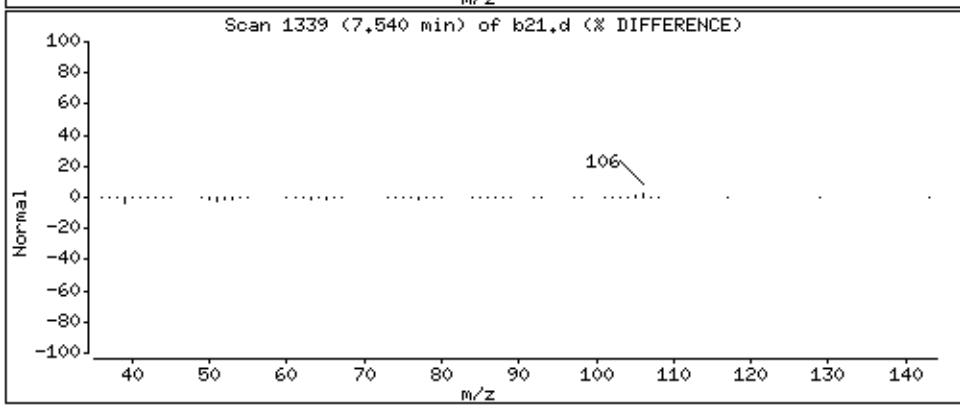
Concentration: 94.4 ppb

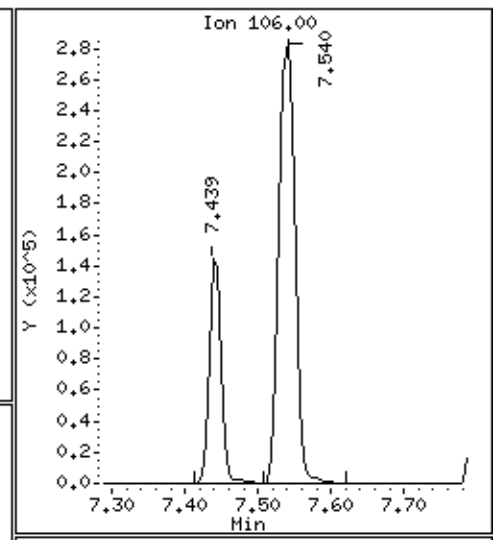
Review Code:

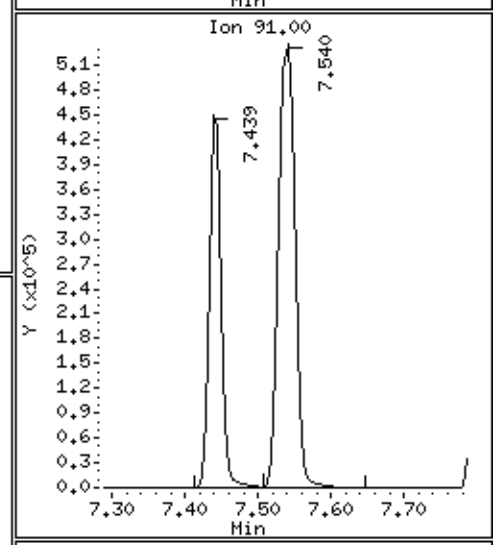


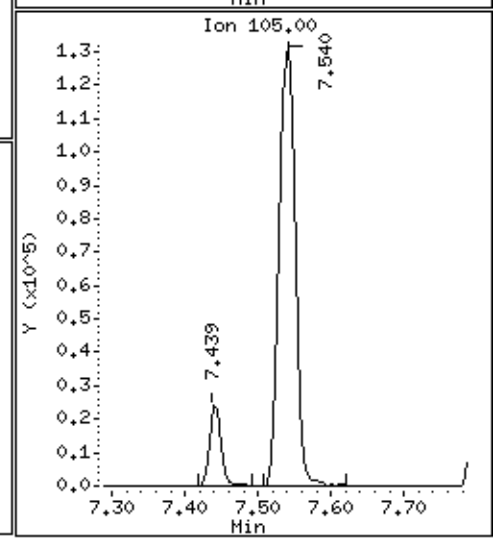












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Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

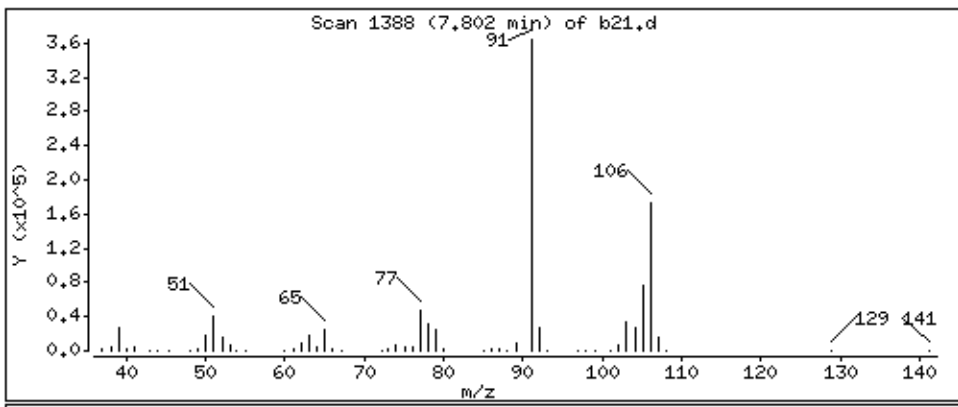
Column phase: DB-624

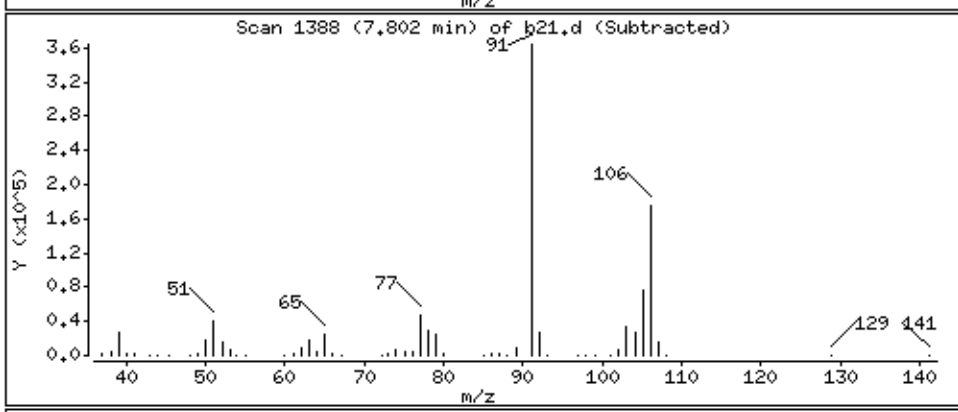
Column diameter: 0.18

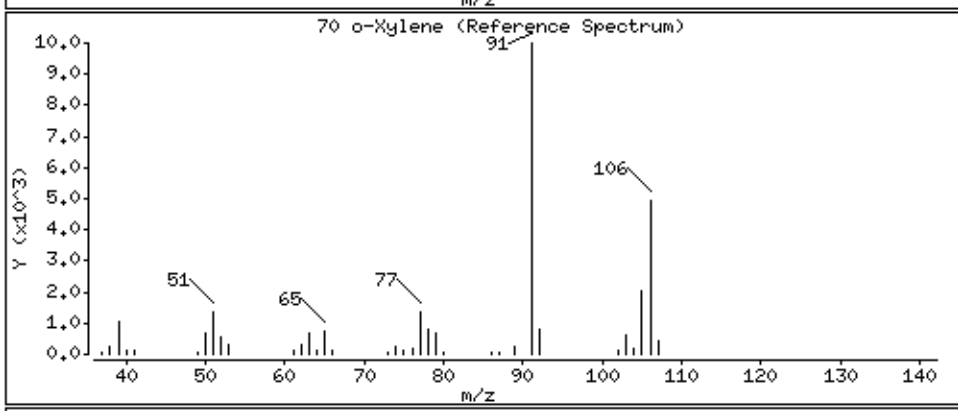
70 o-Xylene

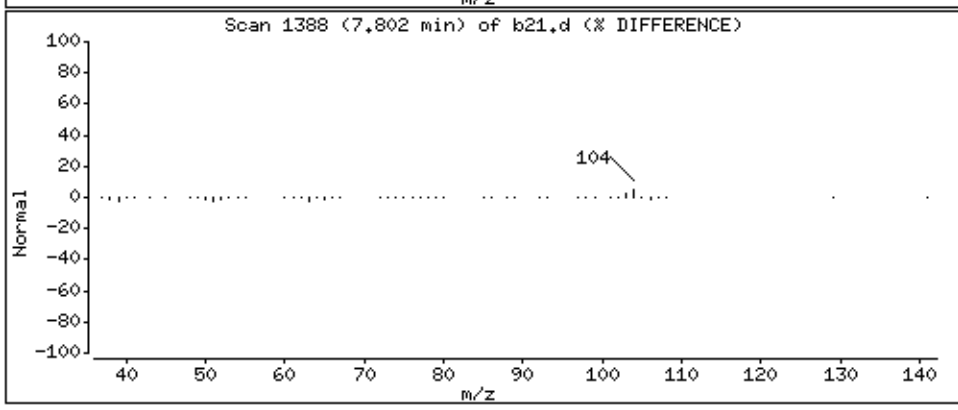
Concentration: 48.2 ppb

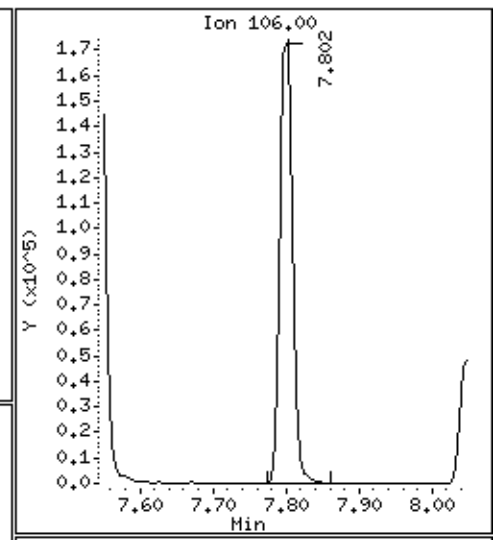
Review Code:

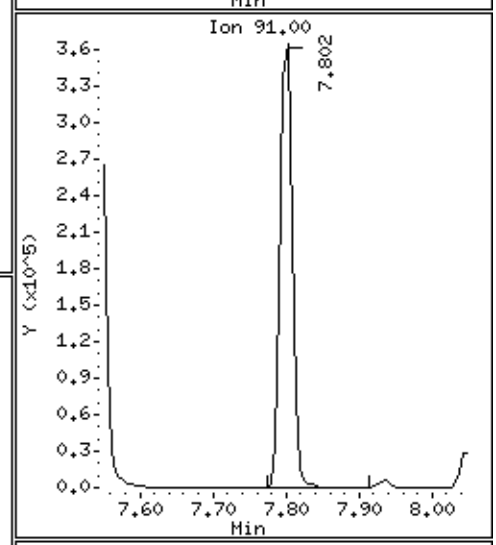


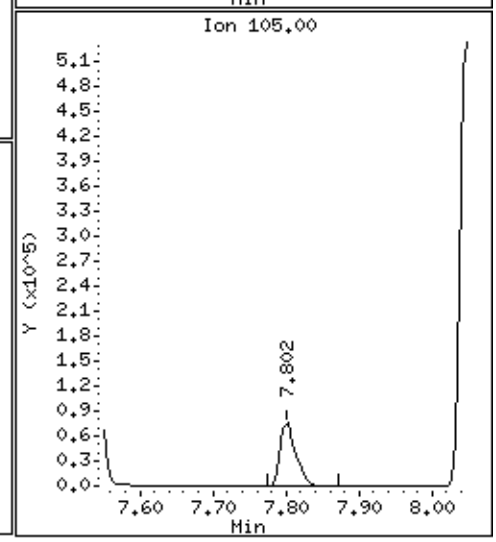












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

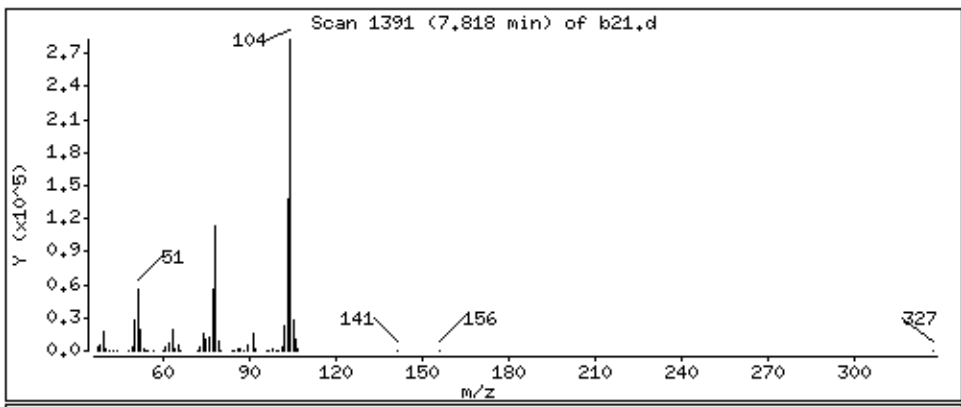
Column phase: DB-624

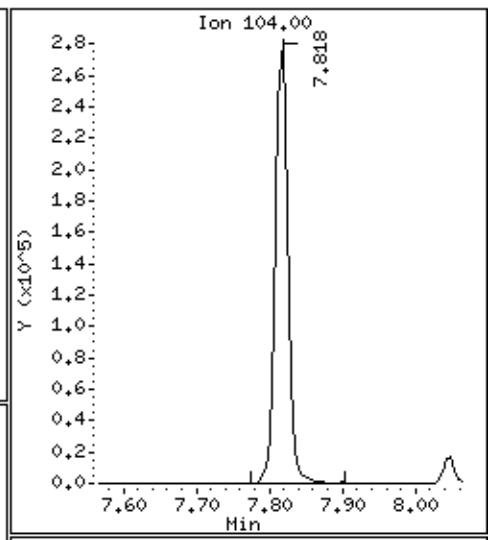
Column diameter: 0.18

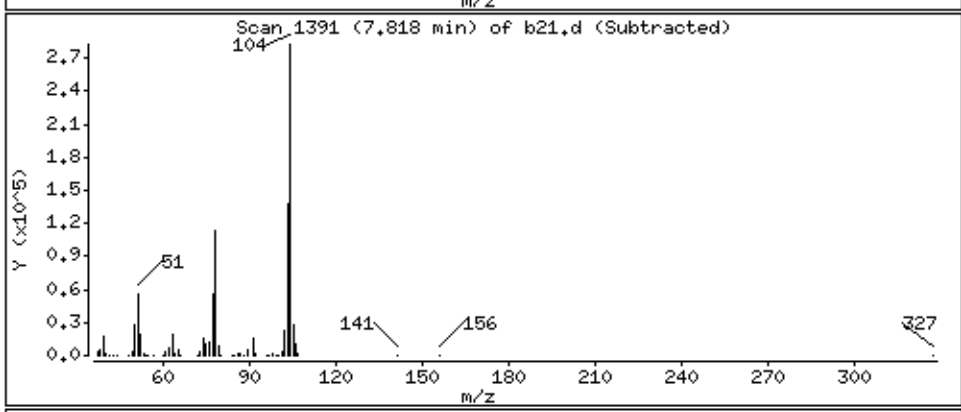
71 Styrene

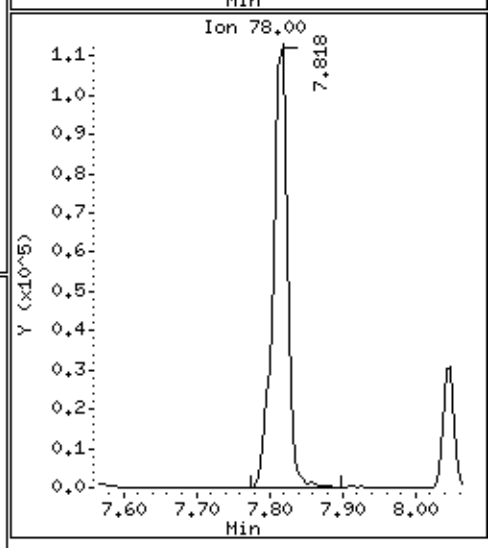
Concentration: 45.8 ppb

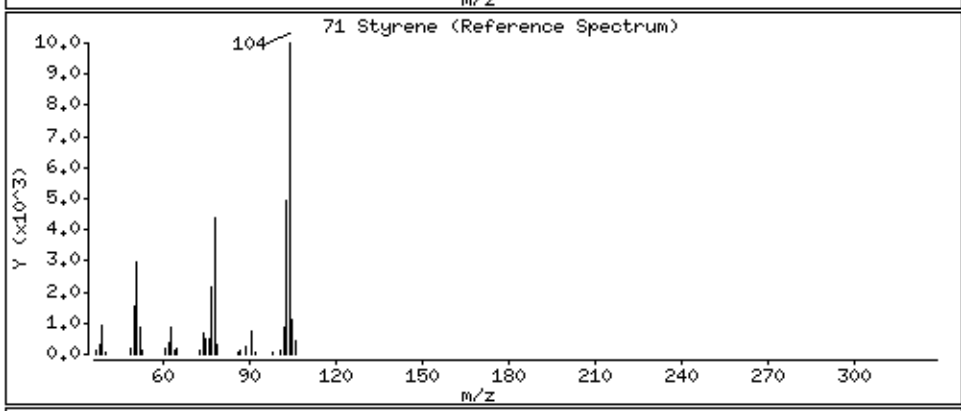
Review Code:

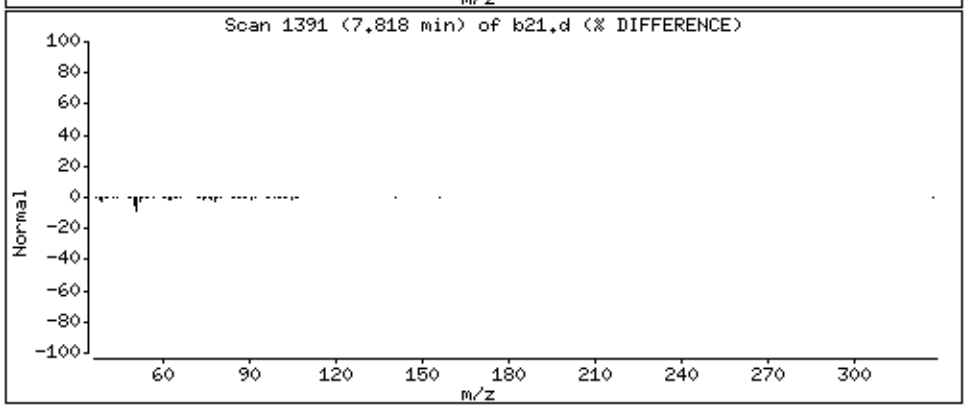












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

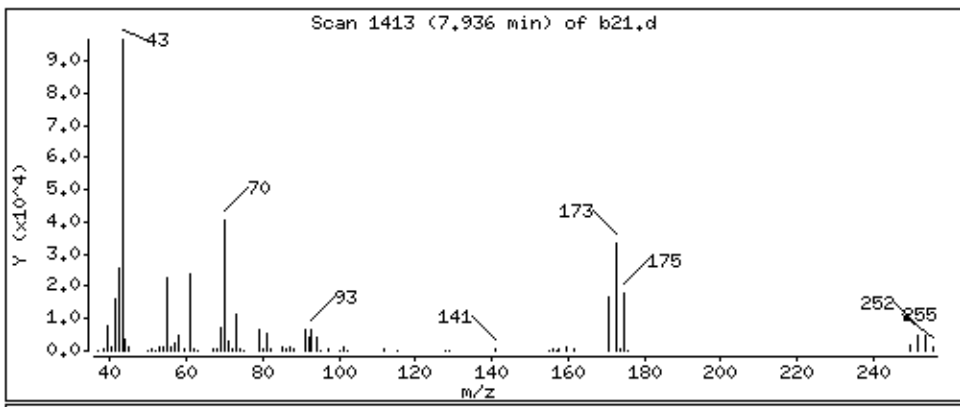
Column phase: DB-624

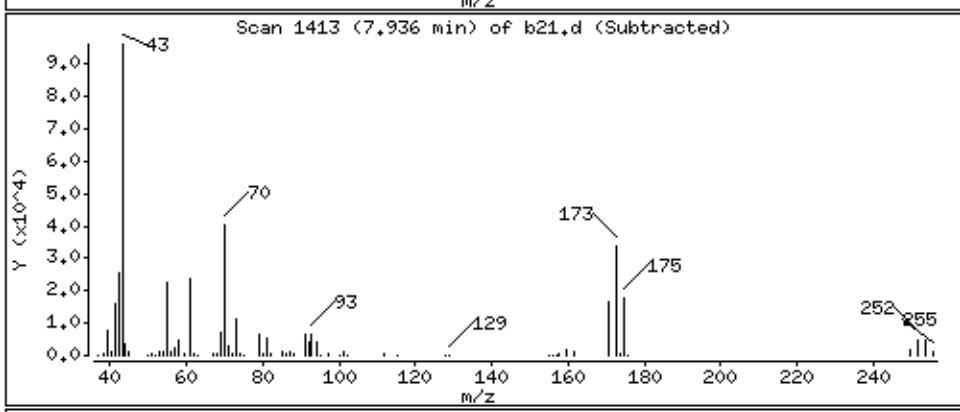
Column diameter: 0.18

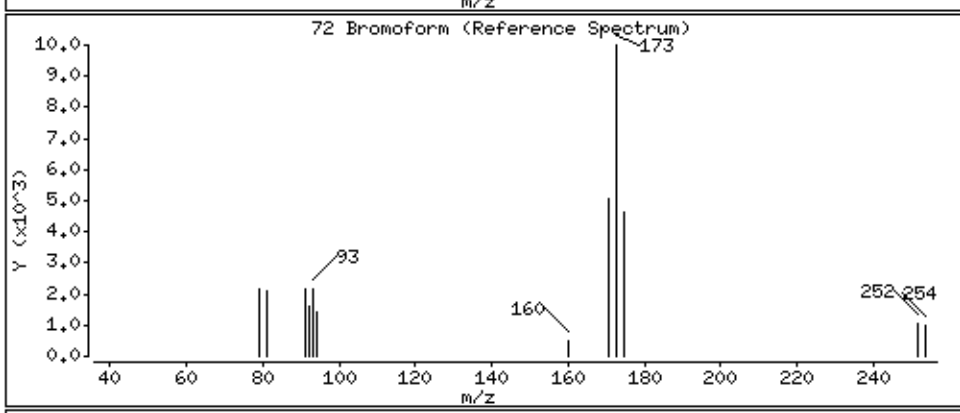
72 Bromoform

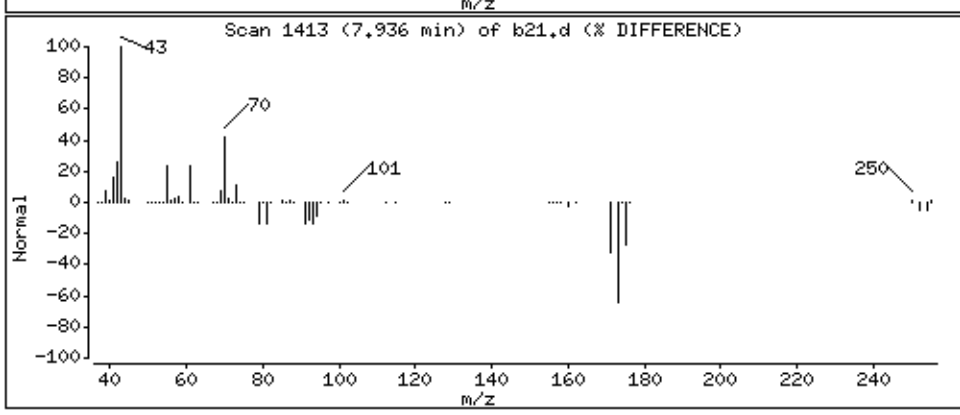
Concentration: 44.1 ppb

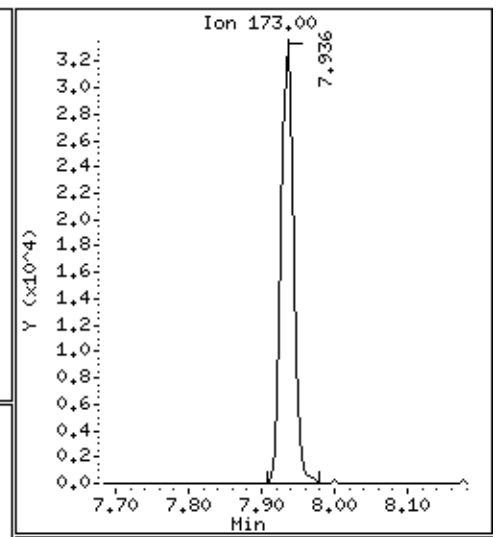
Review Code:

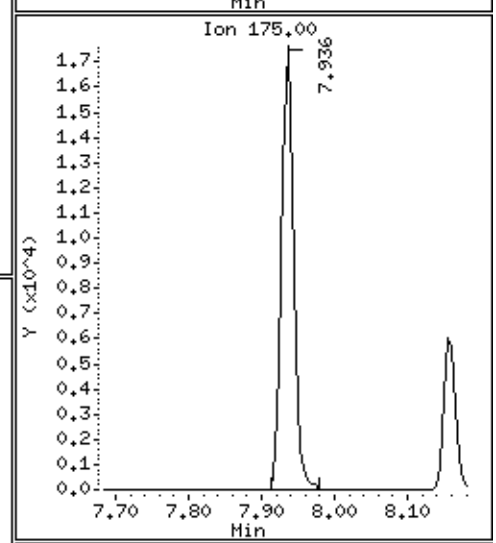


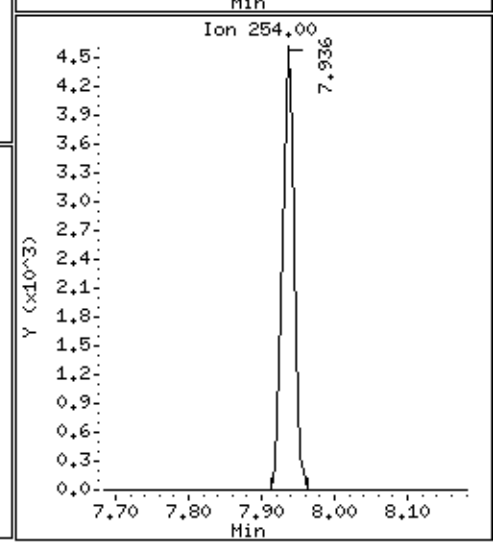












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

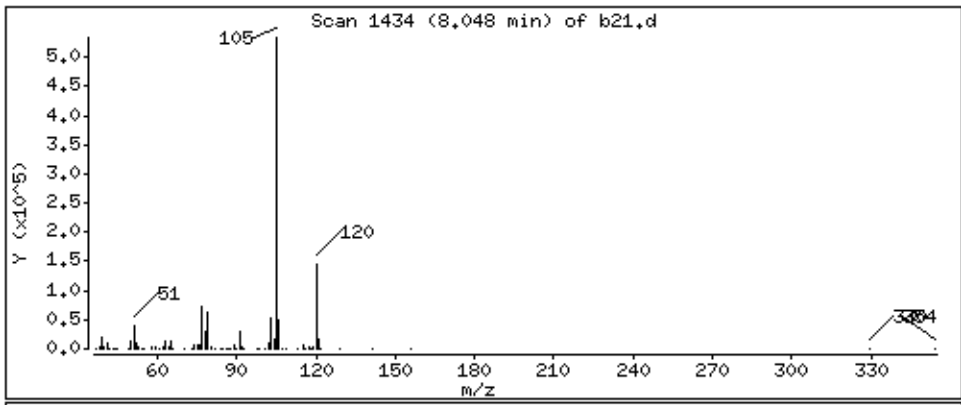
Column phase: DB-624

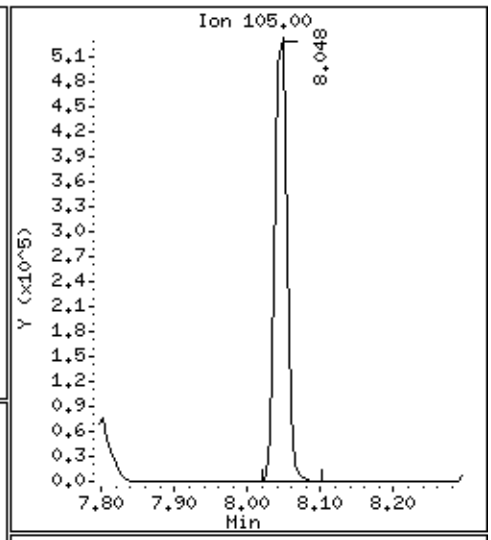
Column diameter: 0.18

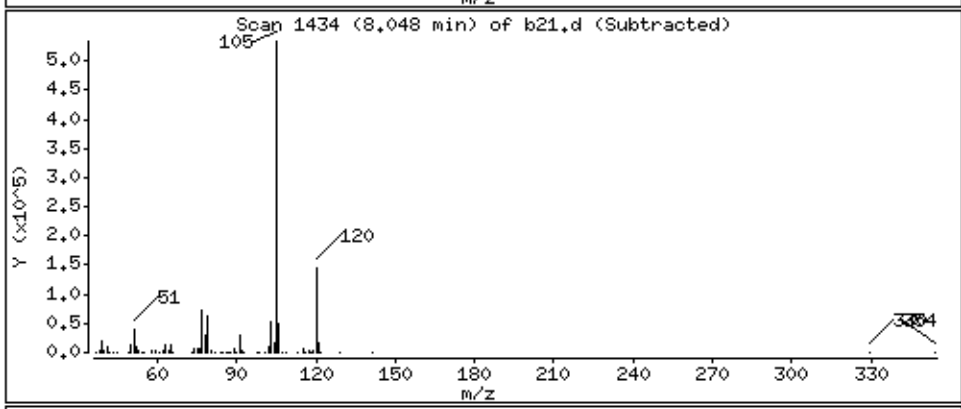
73 Isopropylbenzene

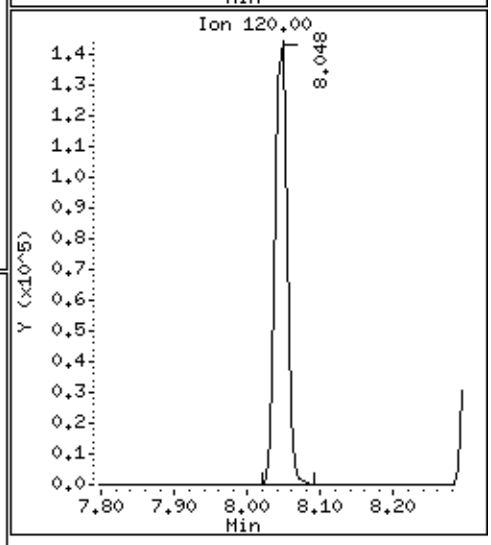
Concentration: 50.1 ppb

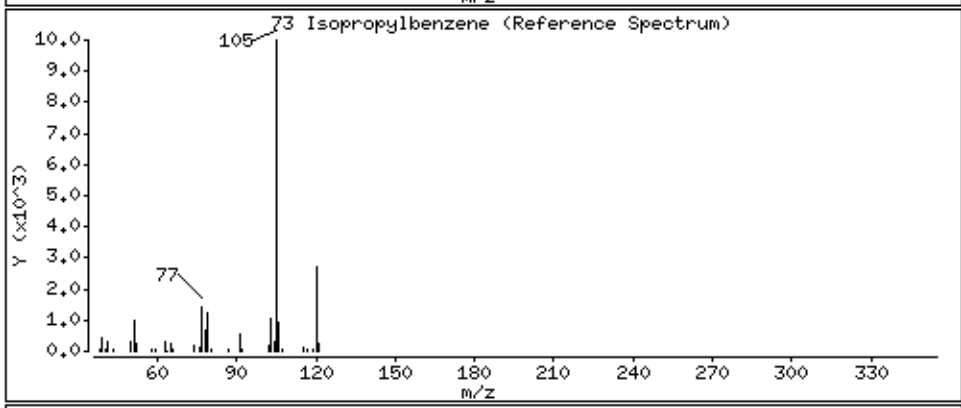
Review Code:

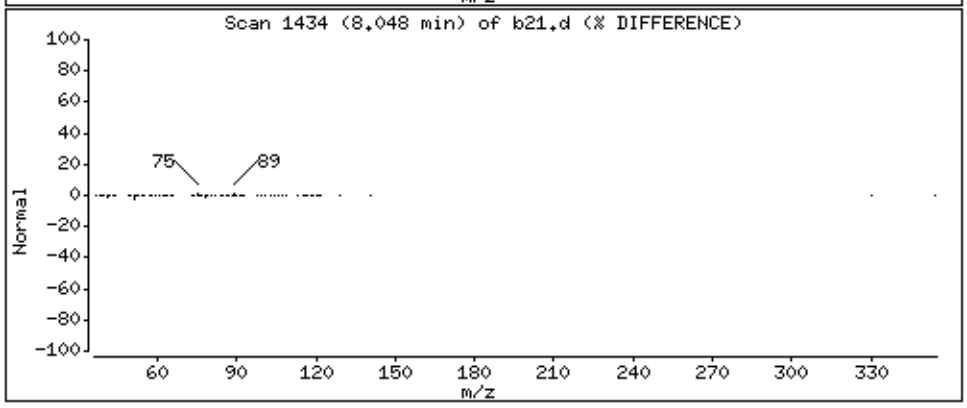












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

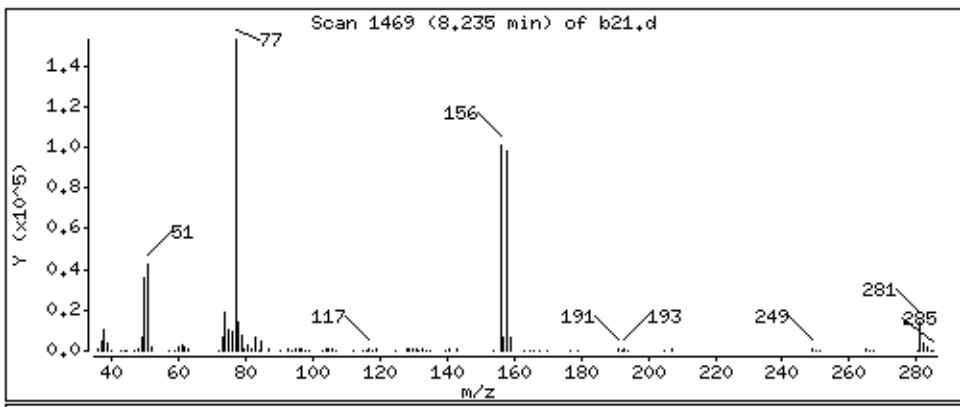
Column phase: DB-624

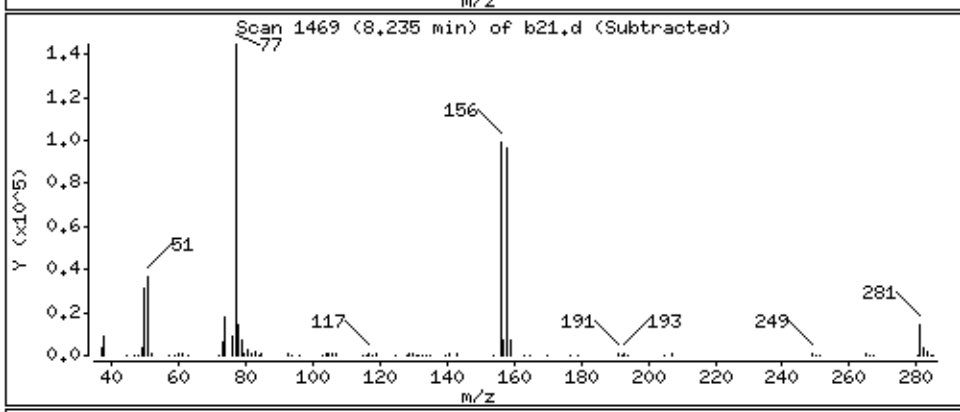
Column diameter: 0.18

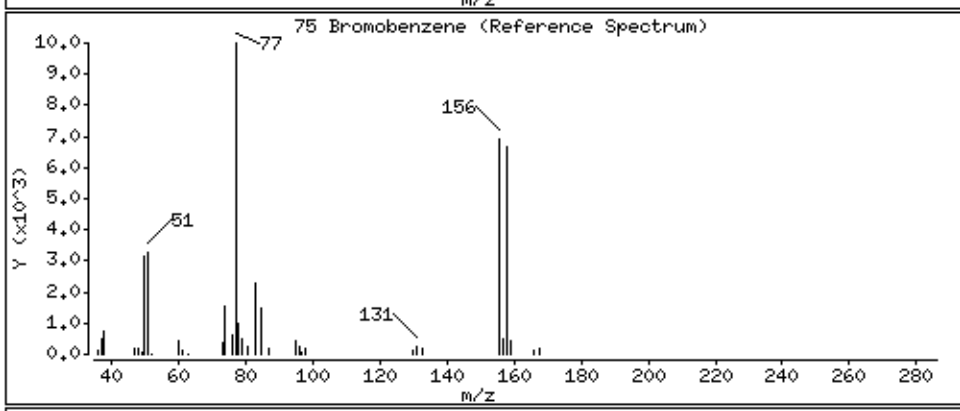
75 Bromobenzene

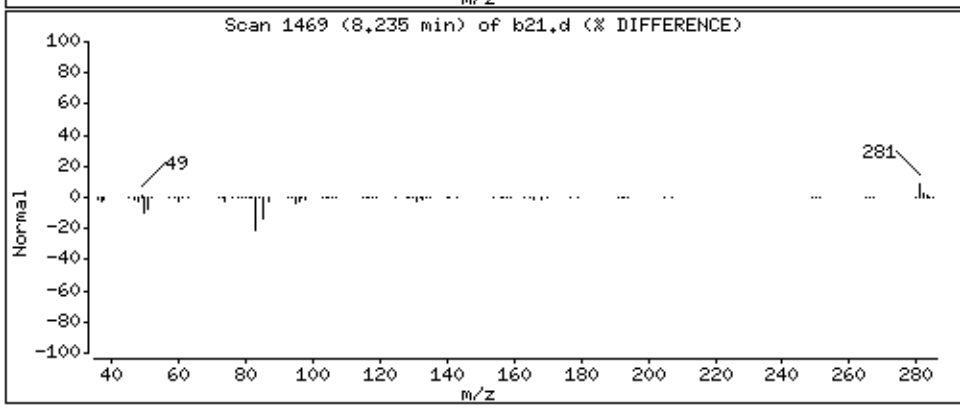
Concentration: 46.6 ppb

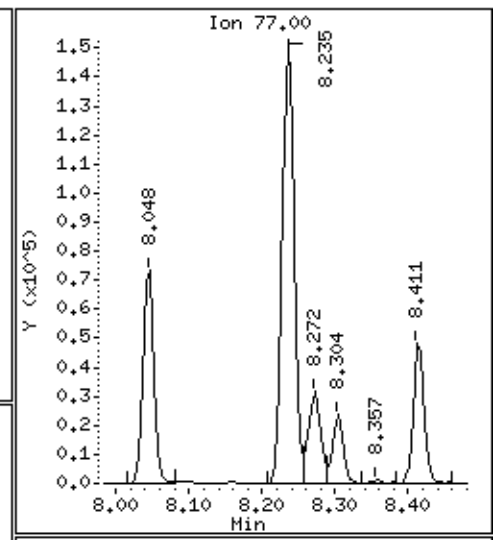
Review Code:

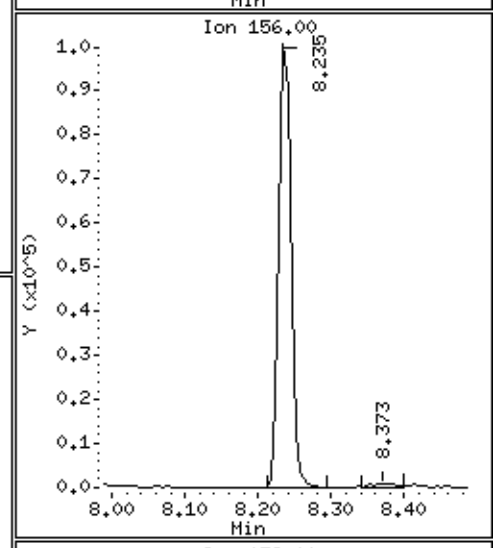


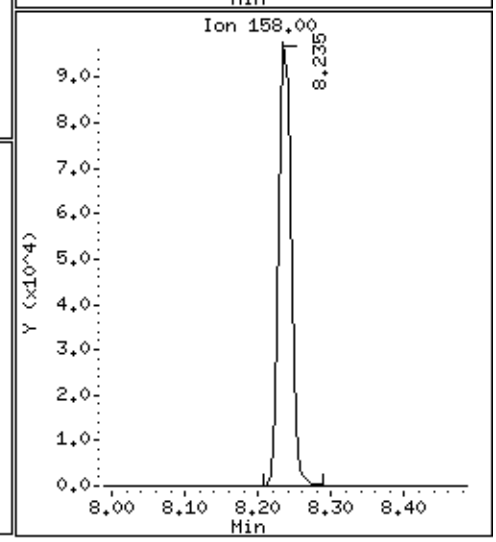












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

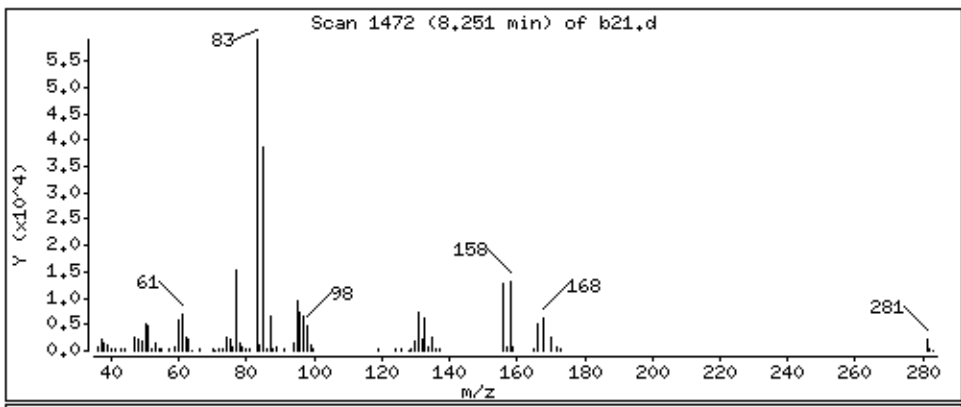
Column phase: DB-624

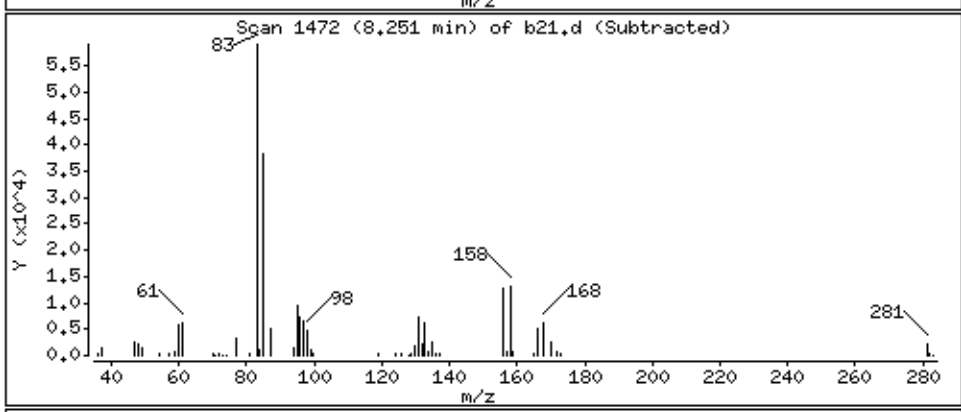
Column diameter: 0.18

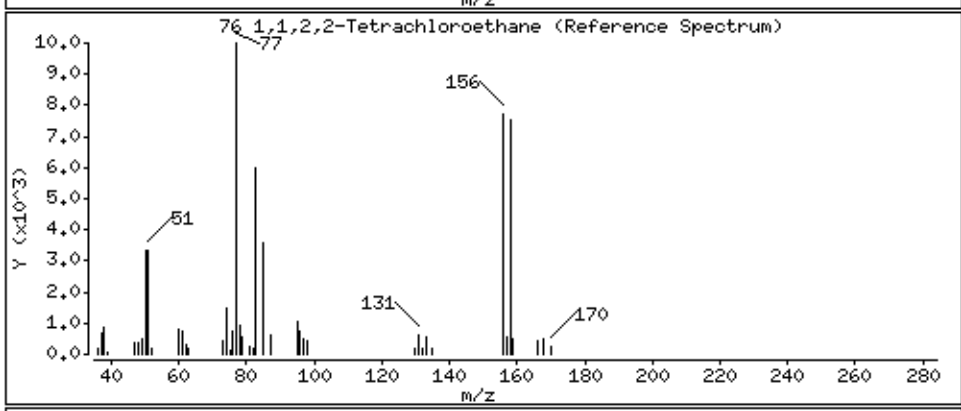
76 1,1,2,2-Tetrachloroethane

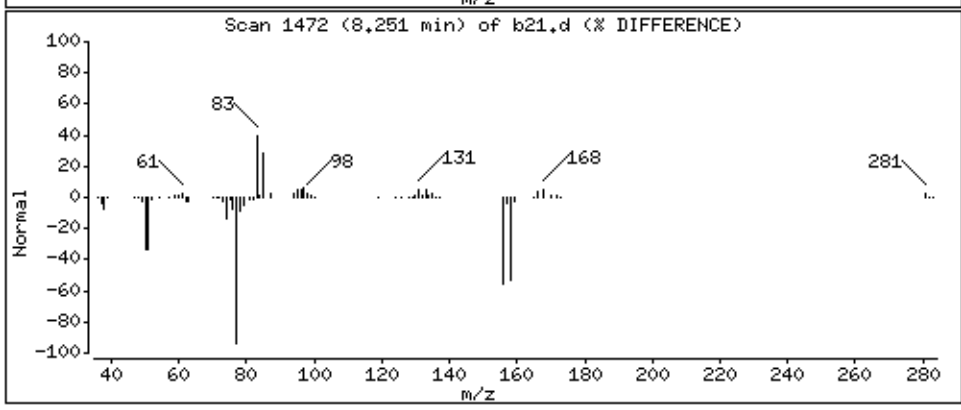
Concentration: 48.1 ppb

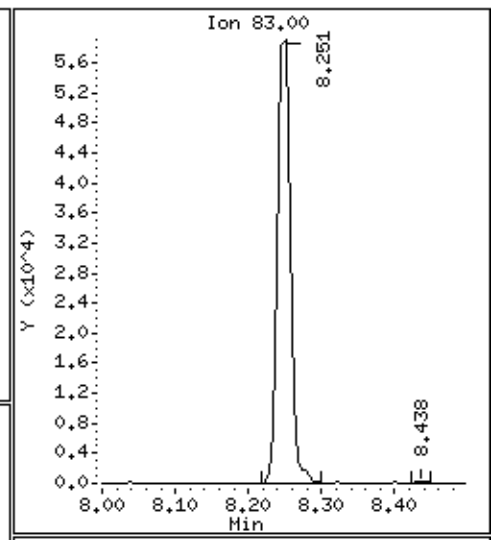
Review Code:

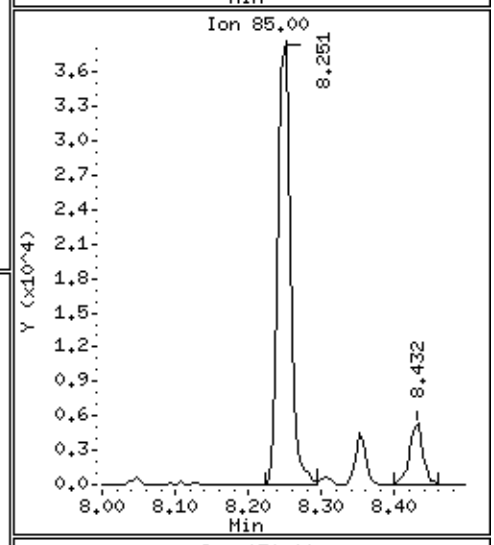


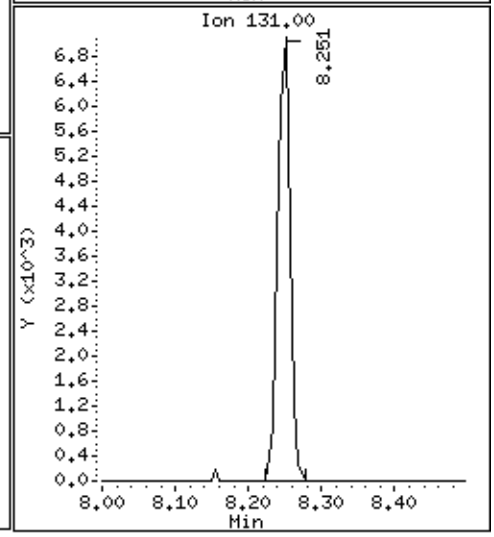












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

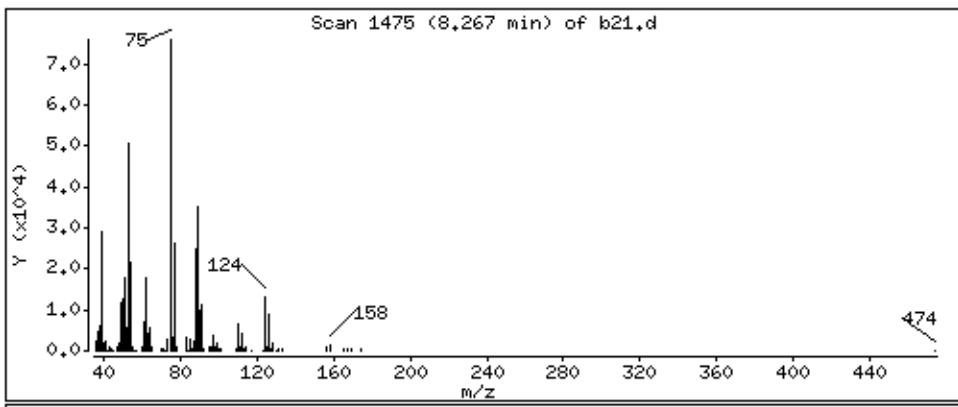
Column phase: DB-624

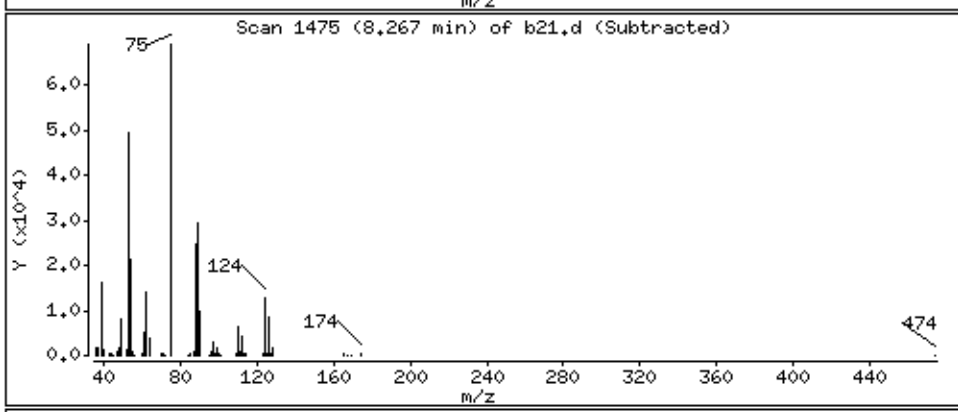
Column diameter: 0.18

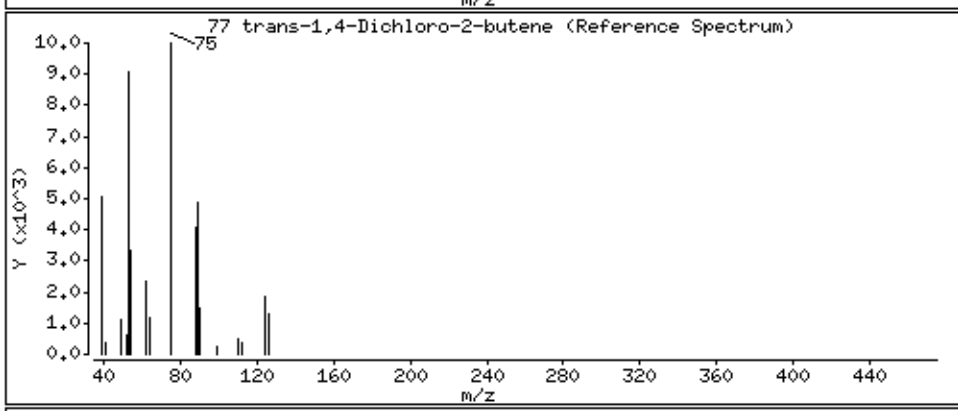
77 trans-1,4-Dichloro-2-butene

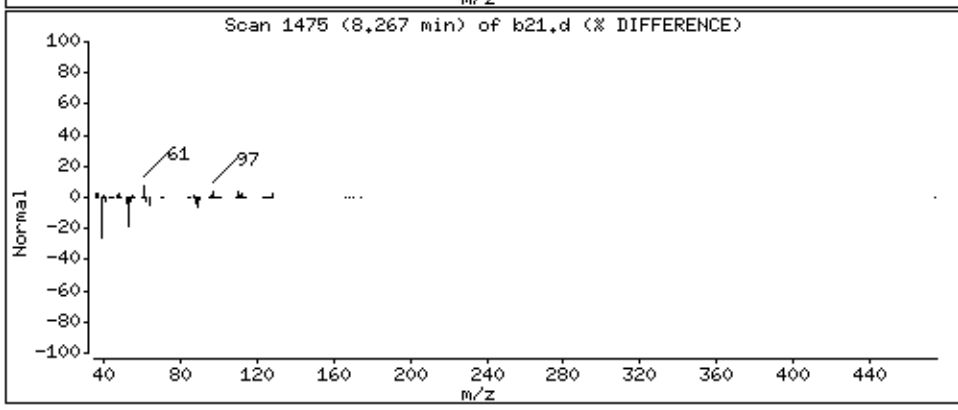
Concentration: 156 ppb

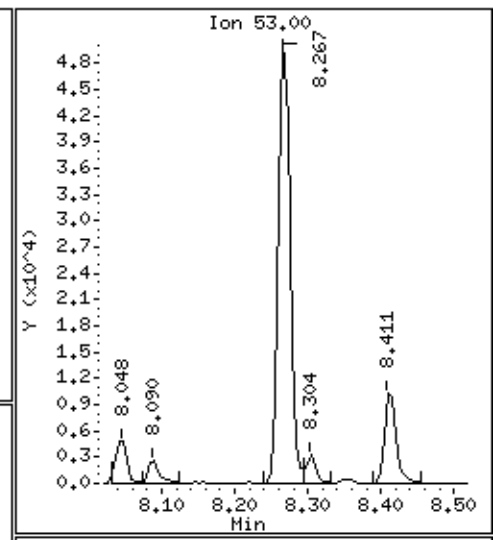
Review Code:

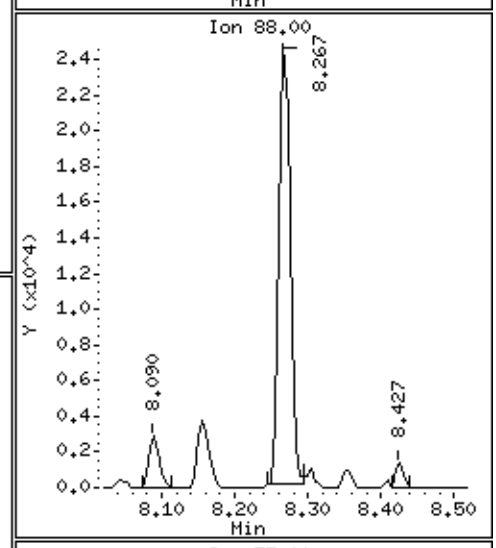


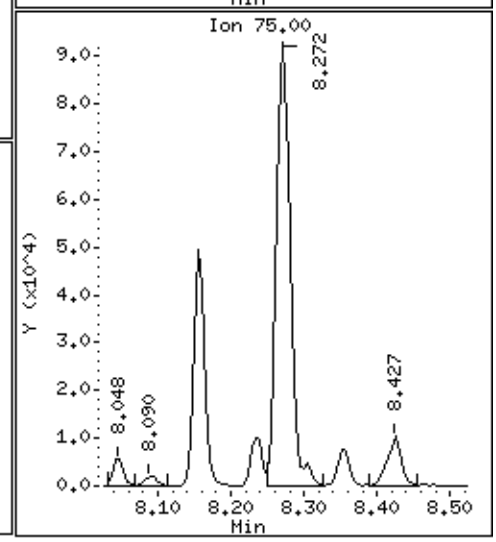












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

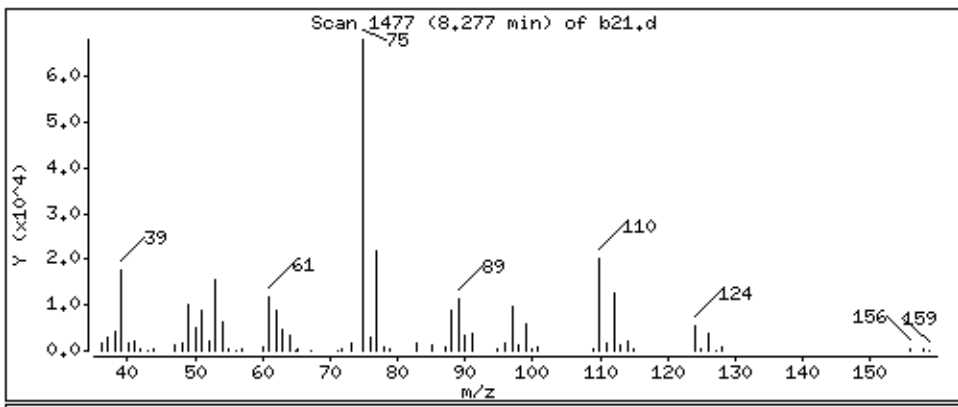
Column phase: DB-624

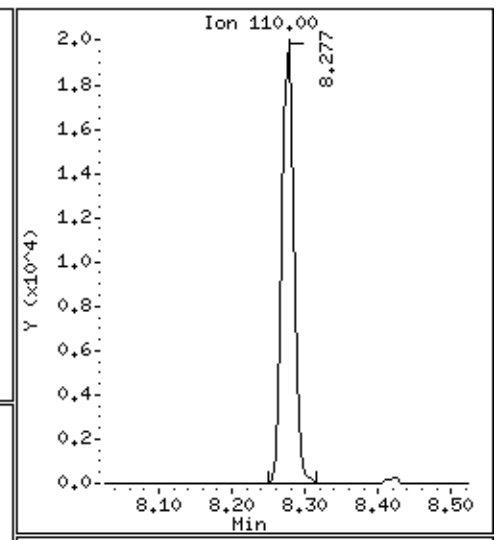
Column diameter: 0.18

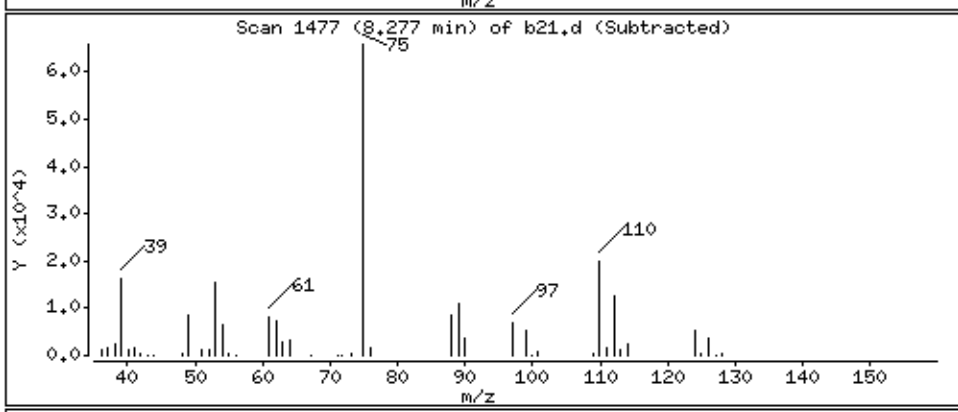
78 1,2,3-Trichloropropane

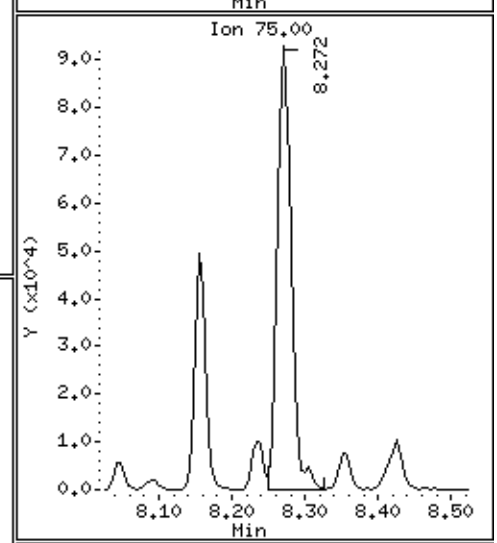
Concentration: 50.8 ppb

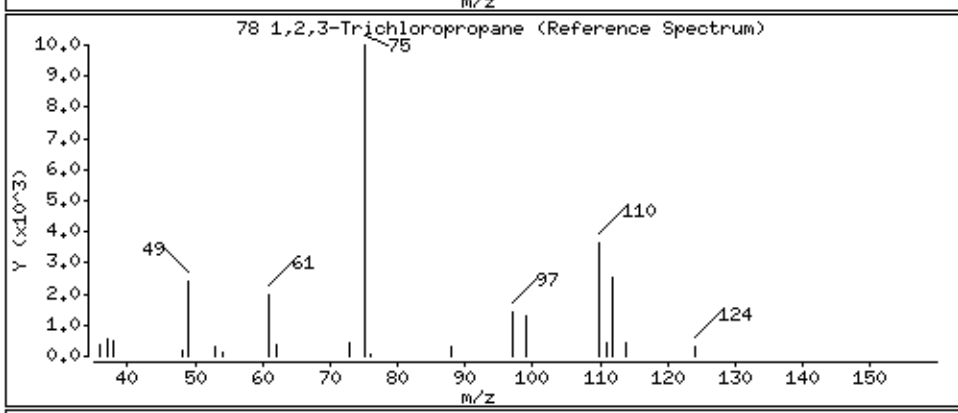
Review Code:

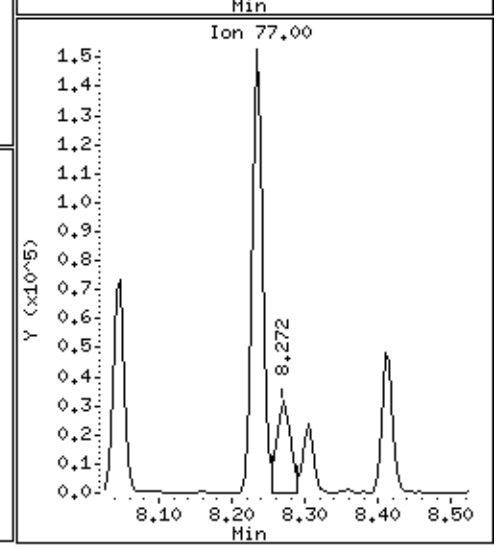


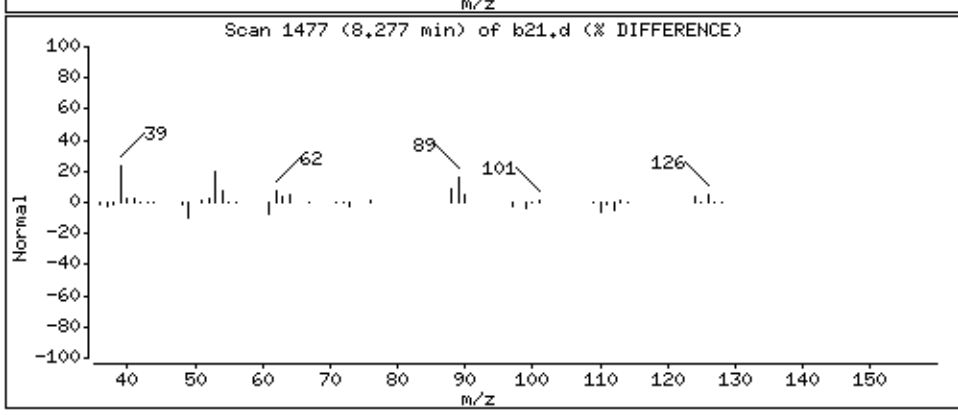












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

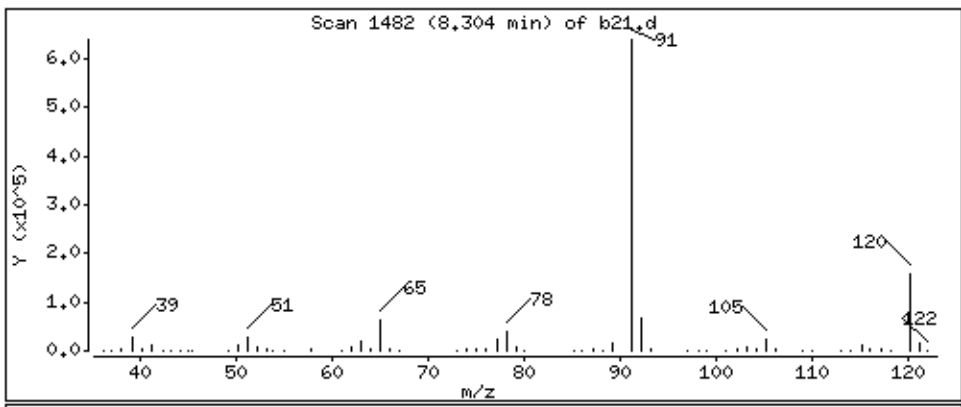
Column phase: DB-624

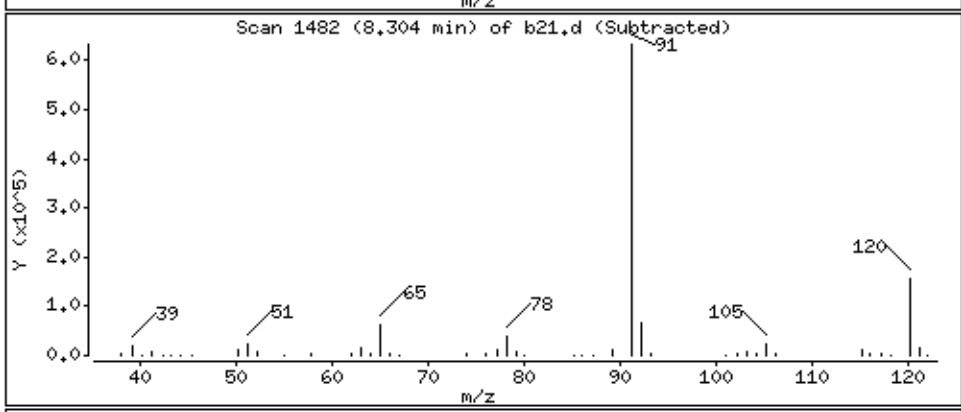
Column diameter: 0.18

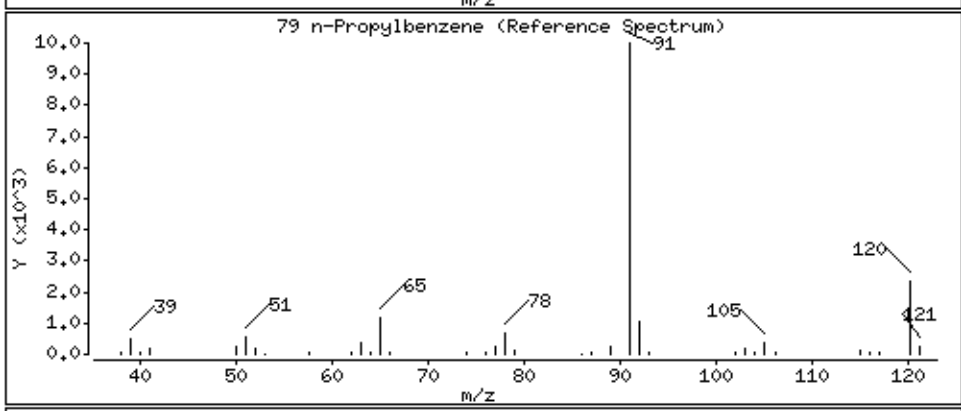
79 n-Propylbenzene

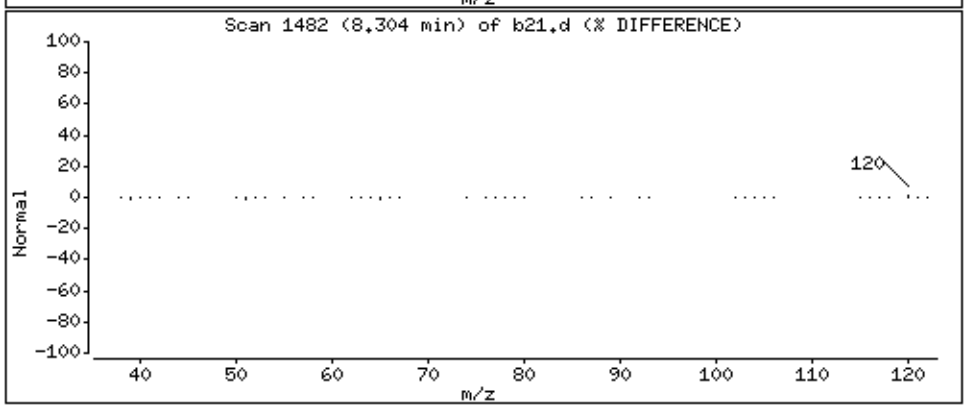
Concentration: 45.9 ppb

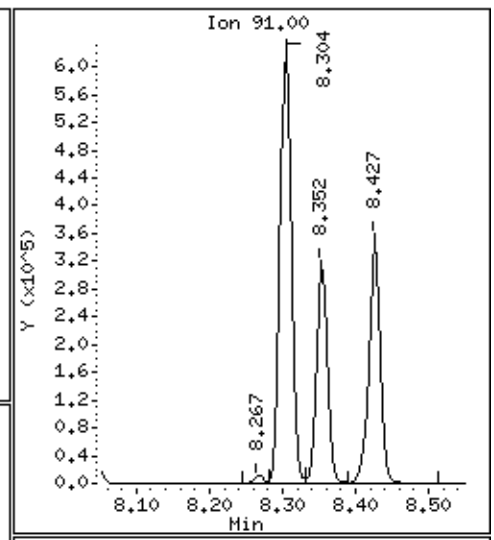
Review Code:

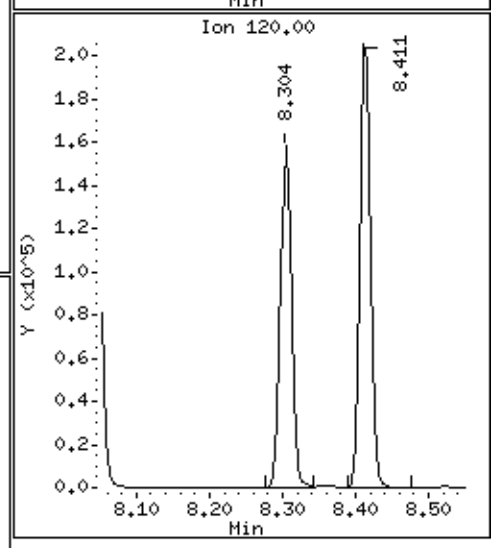












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

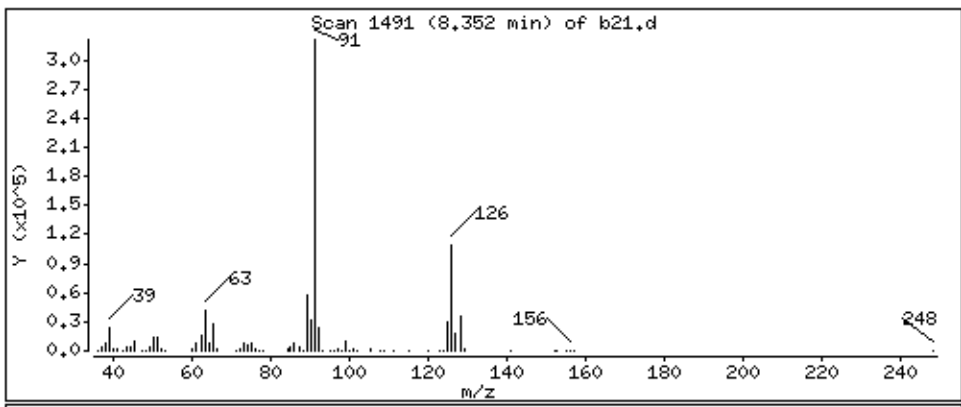
Column phase: DB-624

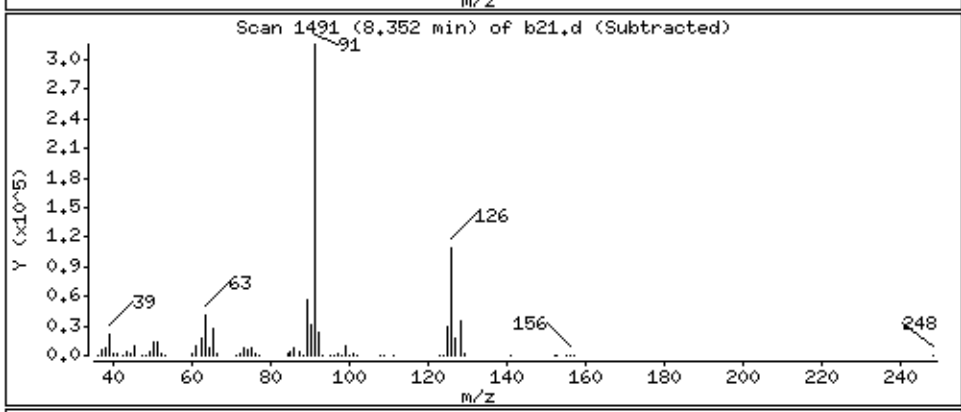
Column diameter: 0.18

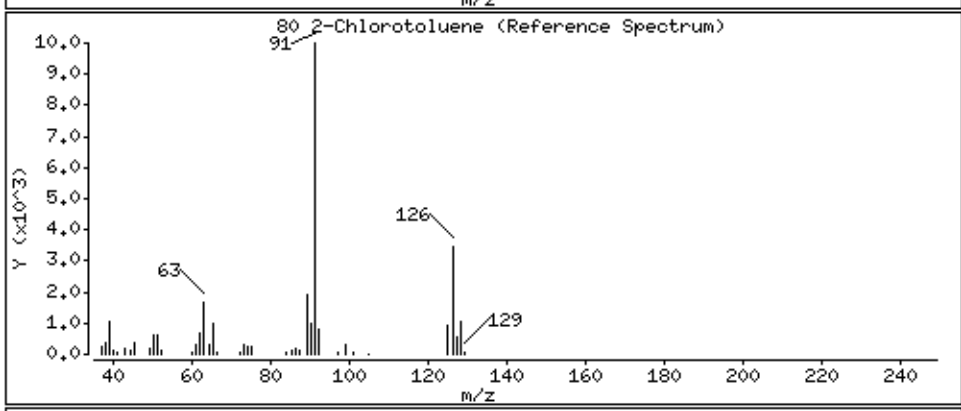
80 2-Chlorotoluene

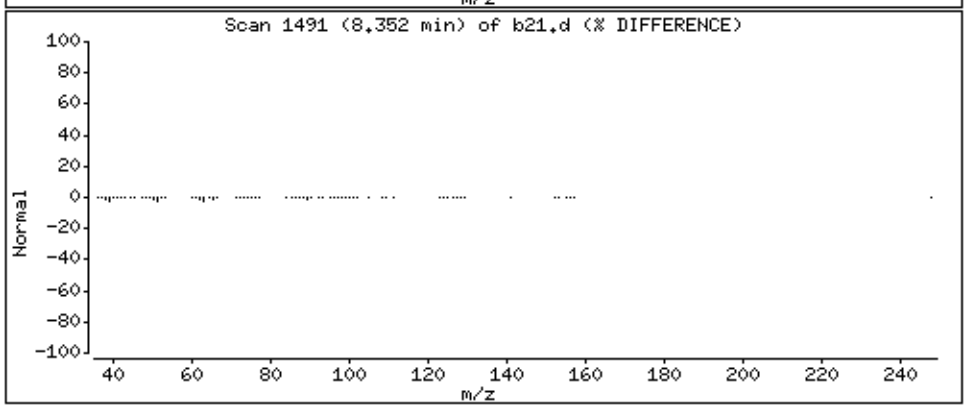
Concentration: 44.2 ppb

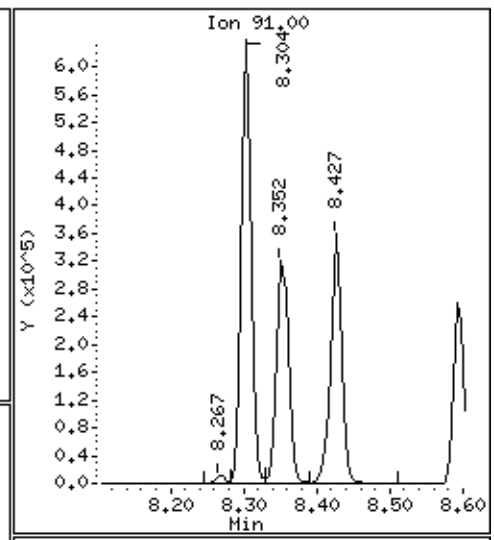
Review Code:

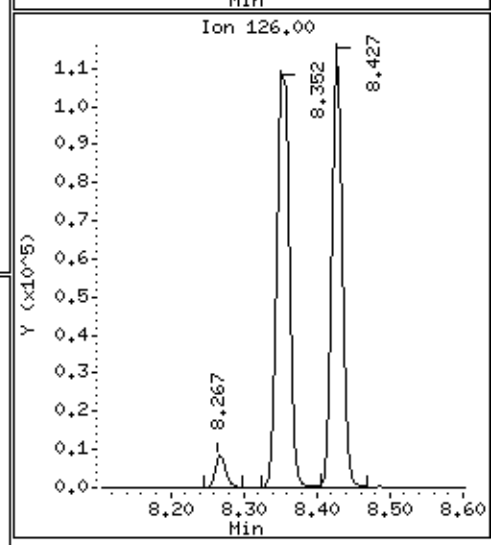












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

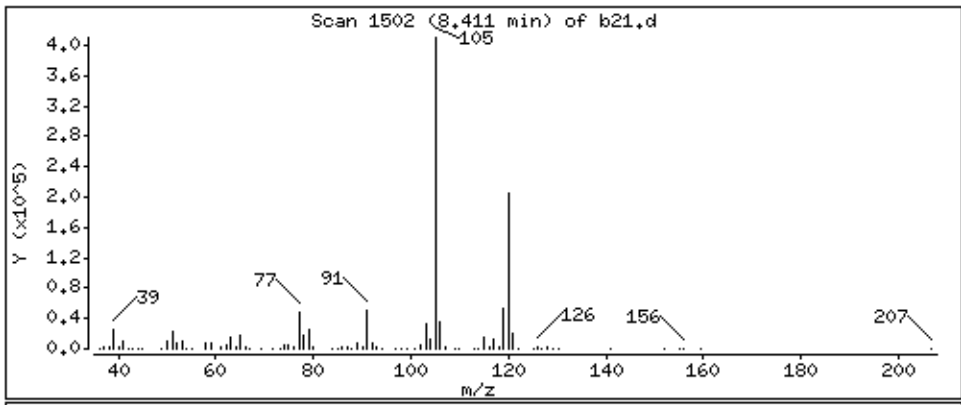
Column phase: DB-624

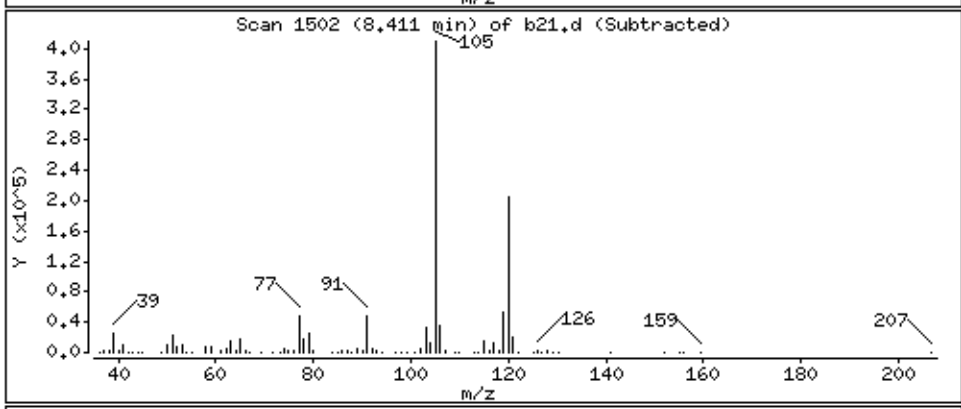
Column diameter: 0.18

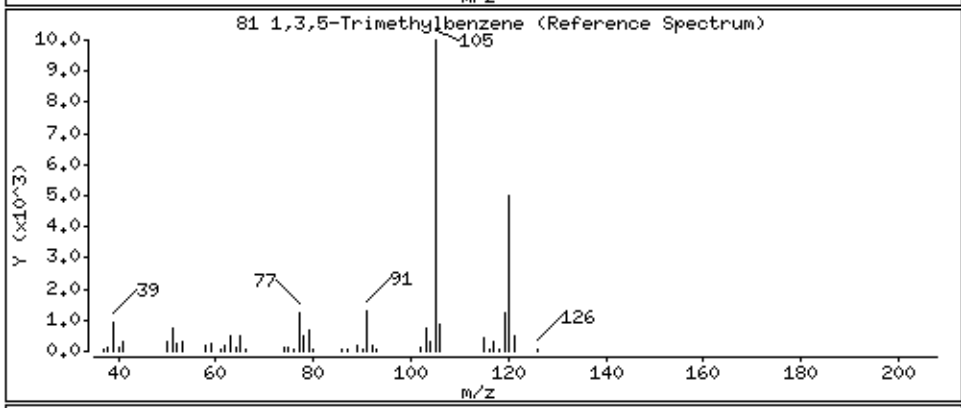
81 1,3,5-Trimethylbenzene

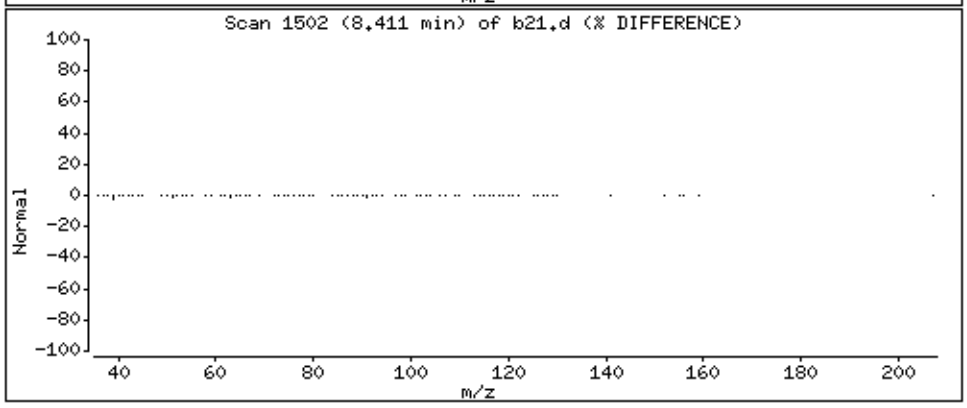
Concentration: 45.8 ppb

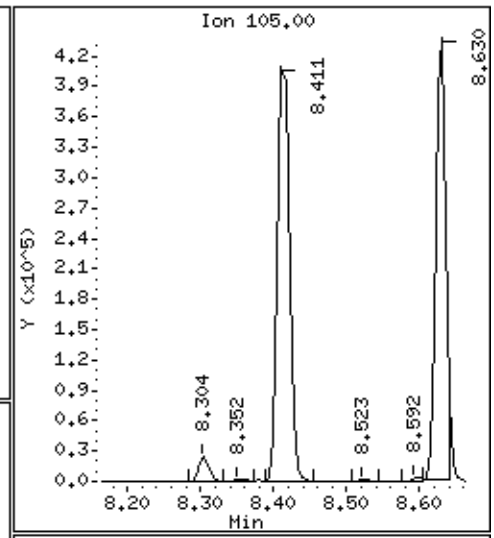
Review Code:

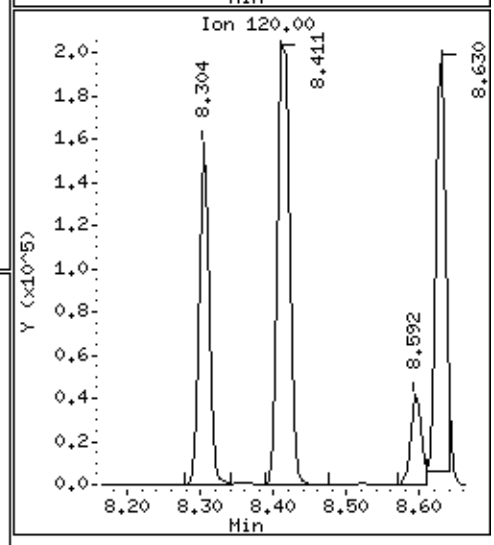












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

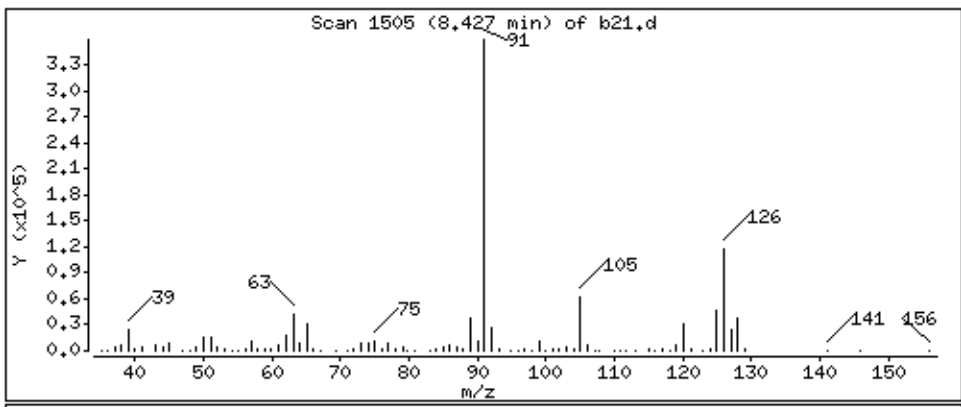
Column phase: DB-624

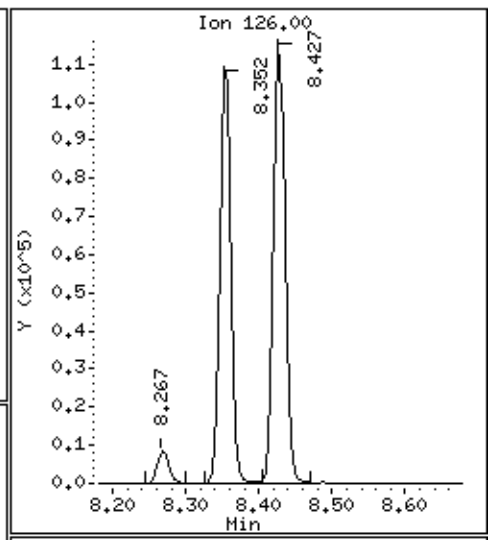
Column diameter: 0.18

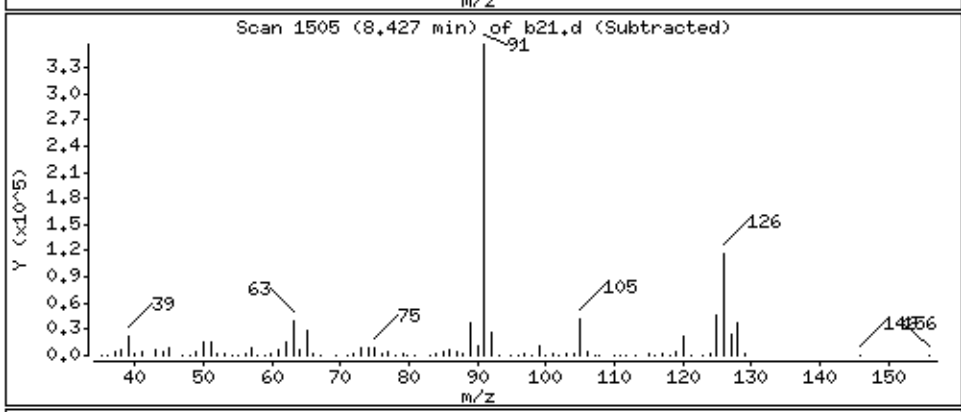
82 4-Chlorotoluene

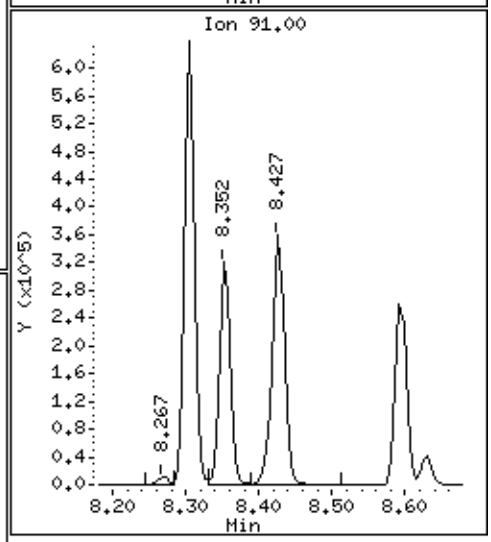
Concentration: 47.7 ppb

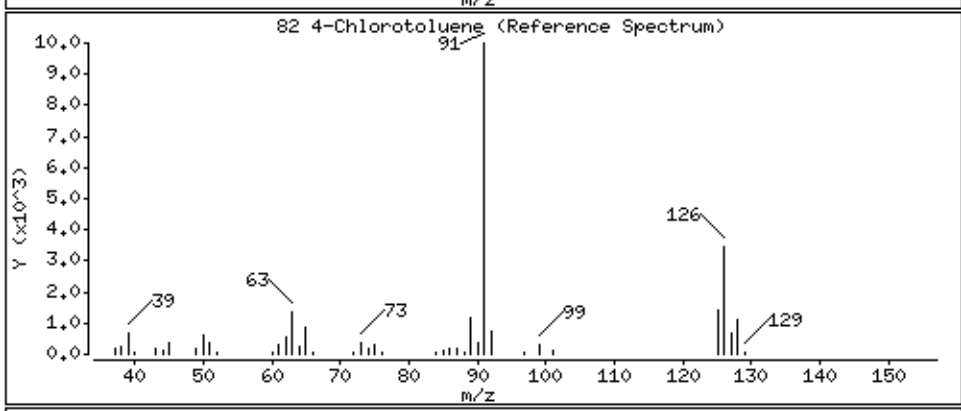
Review Code:

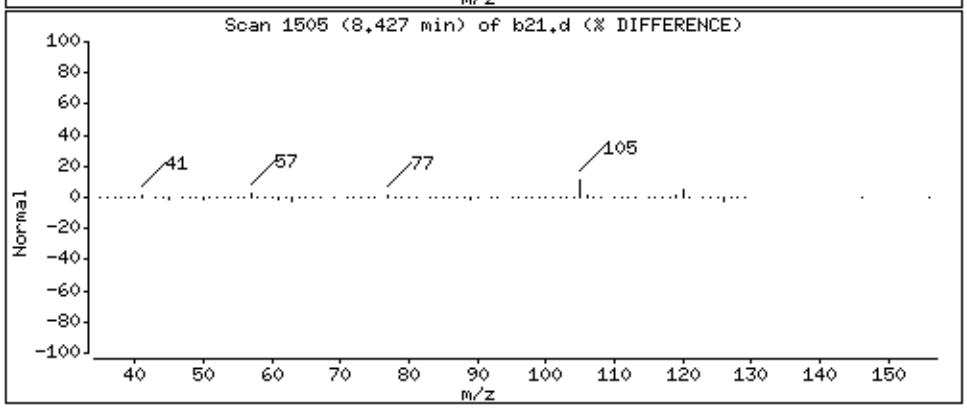












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

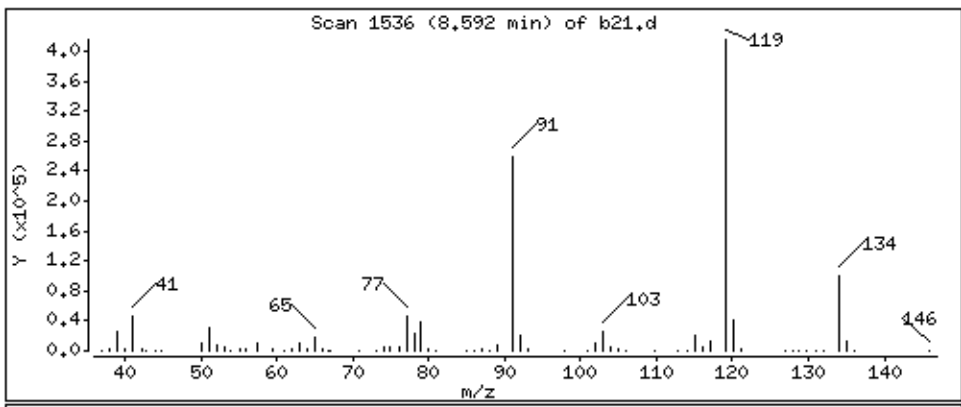
Column phase: DB-624

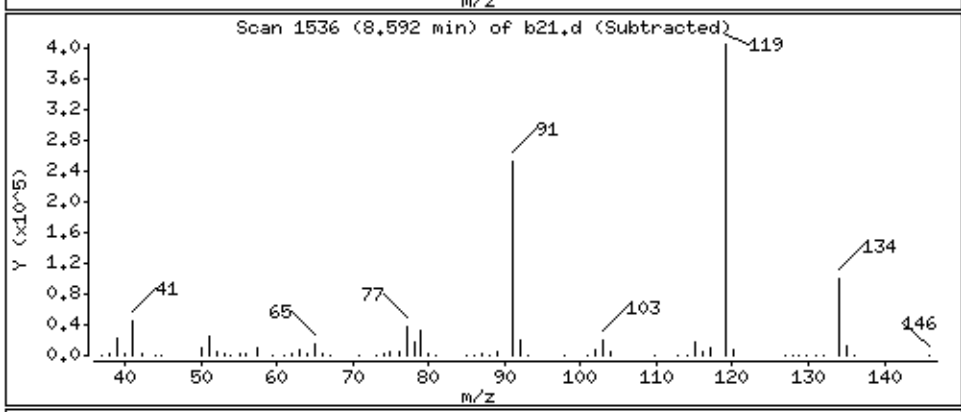
Column diameter: 0.18

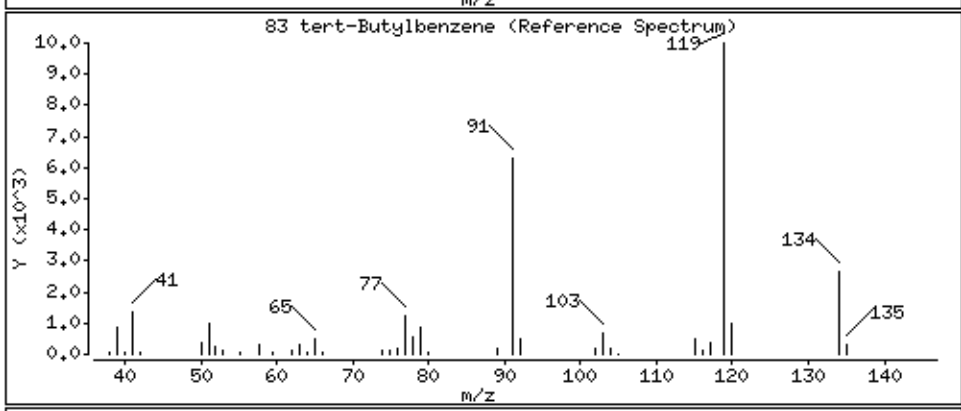
83 tert-Butylbenzene

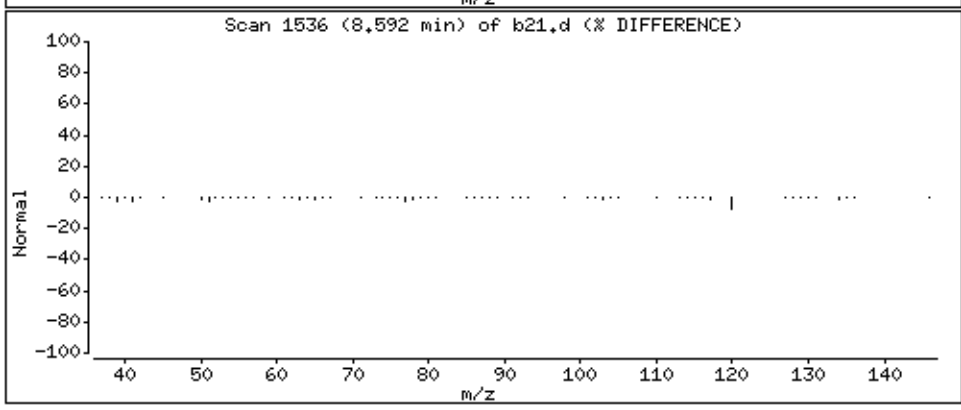
Concentration: 39.0 ppb

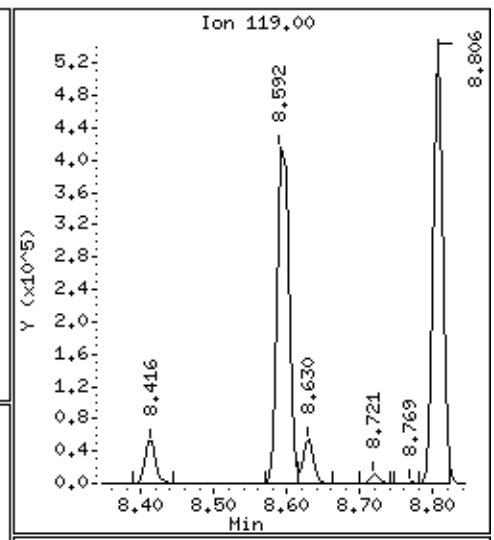
Review Code:

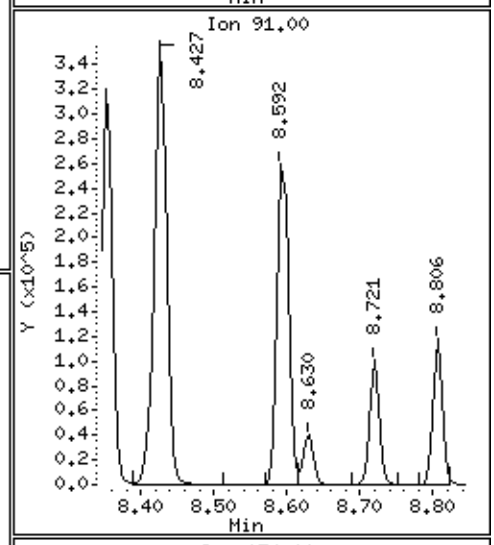


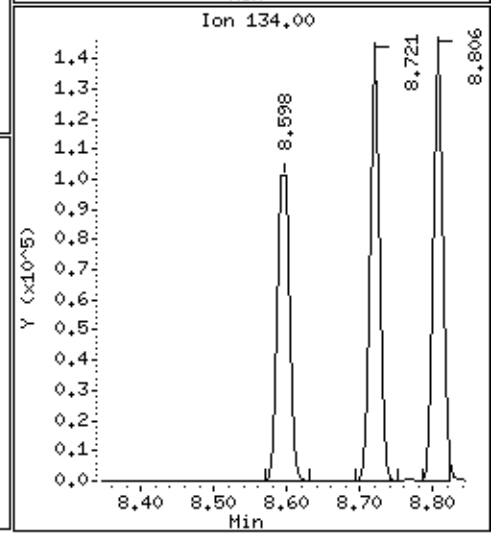












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

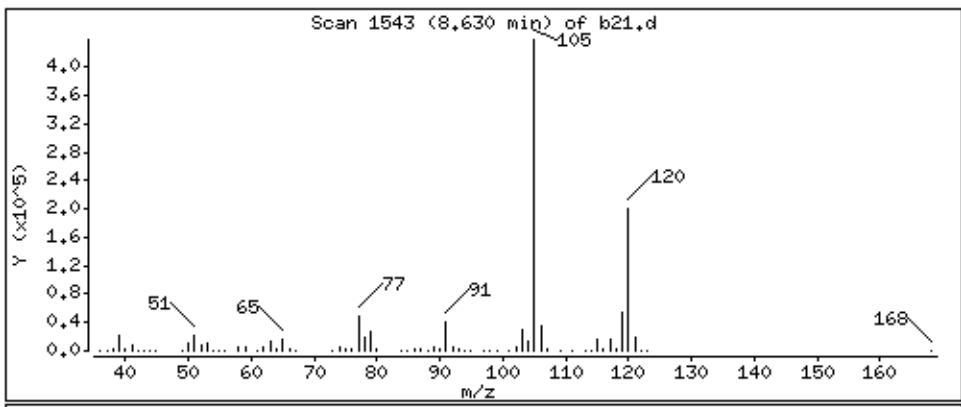
Column phase: DB-624

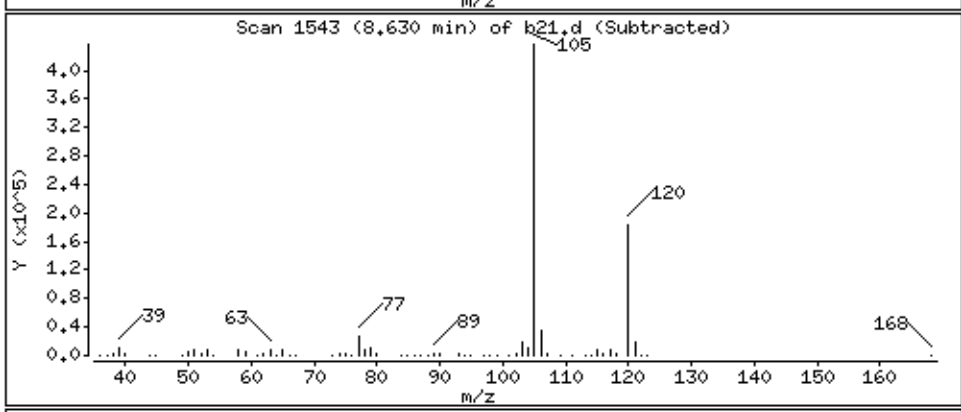
Column diameter: 0.18

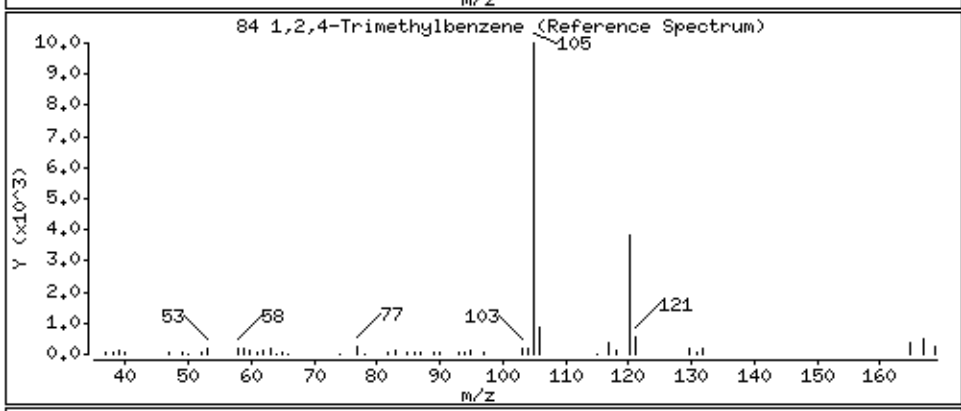
84 1,2,4-Trimethylbenzene

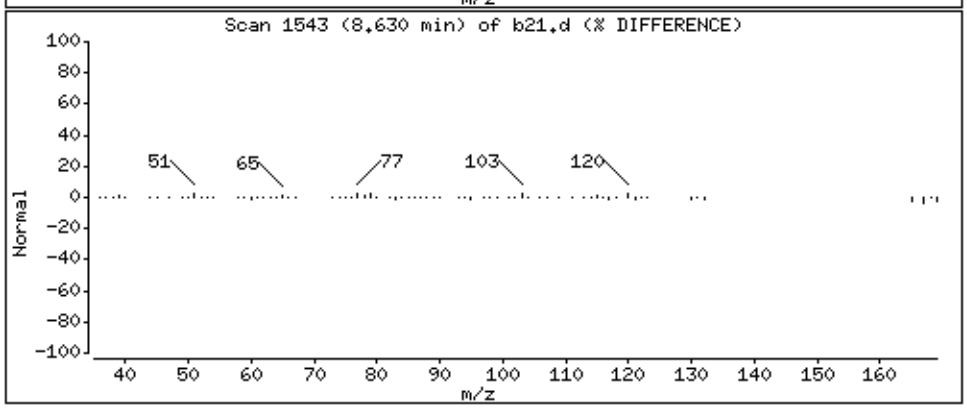
Concentration: 45.7 ppb

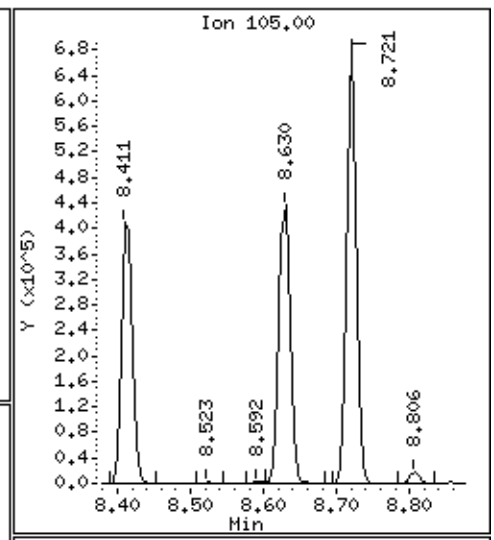
Review Code:

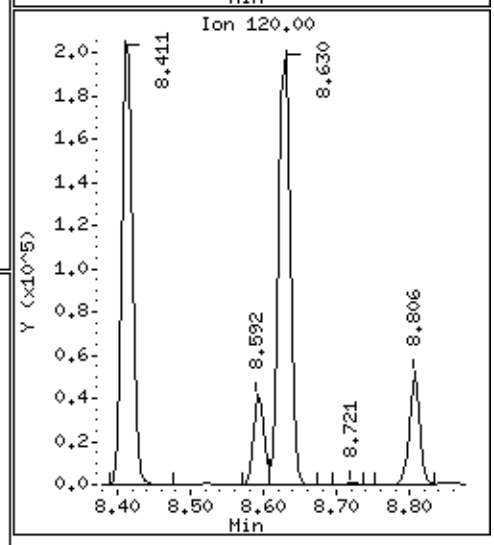












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

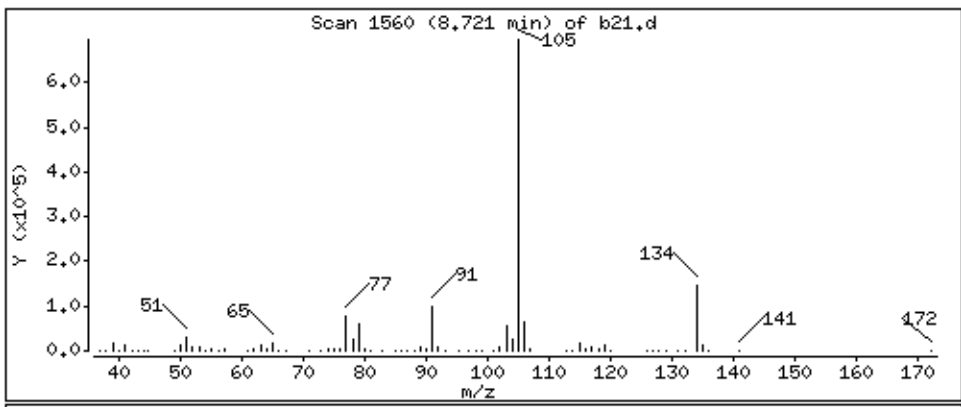
Column phase: DB-624

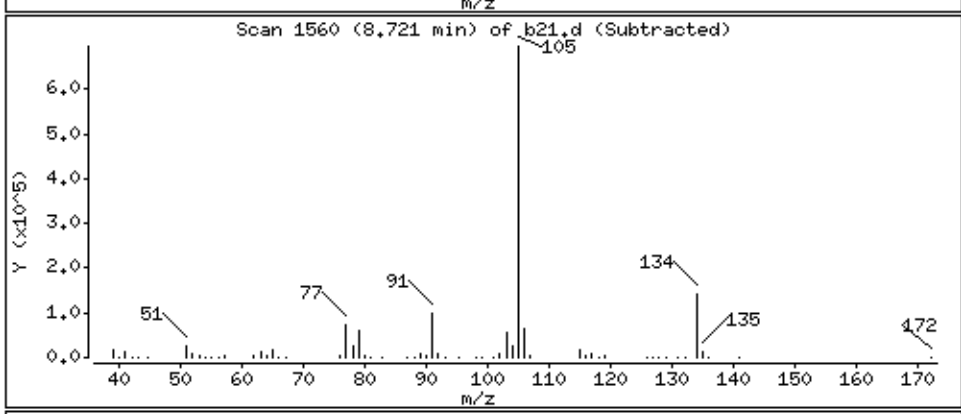
Column diameter: 0.18

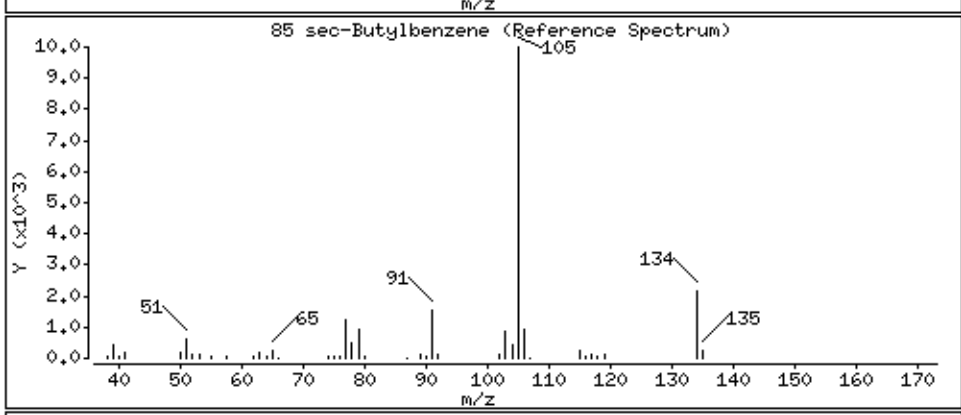
85 sec-Butylbenzene

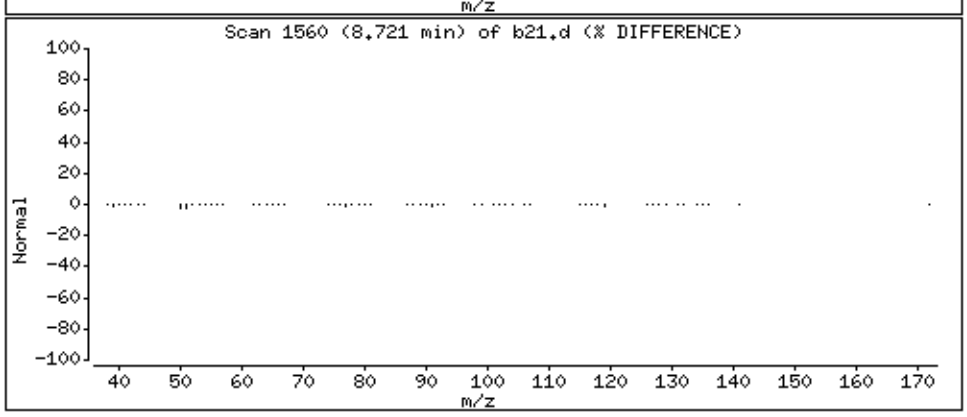
Concentration: 47.5 ppb

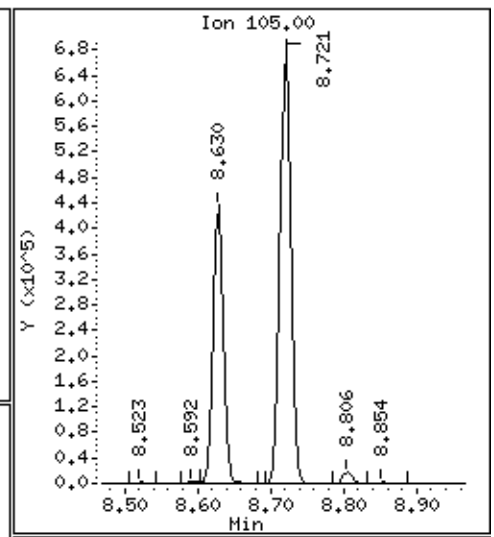
Review Code:

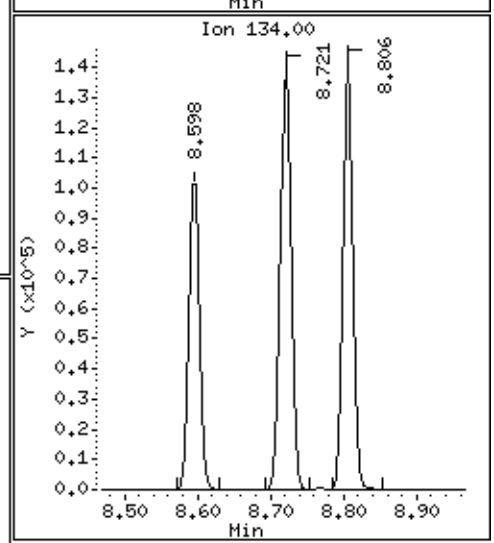












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

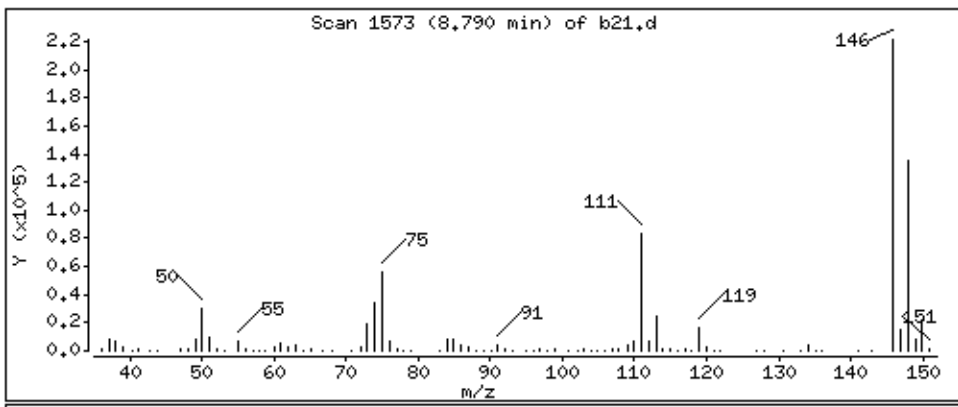
Column phase: DB-624

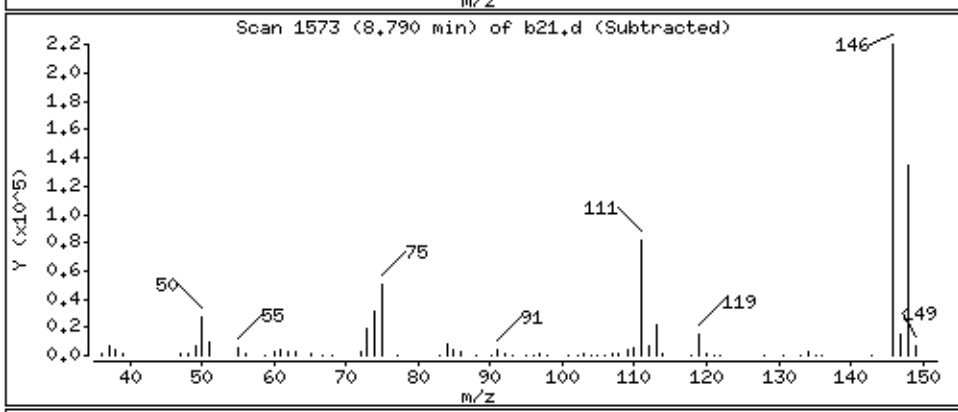
Column diameter: 0.18

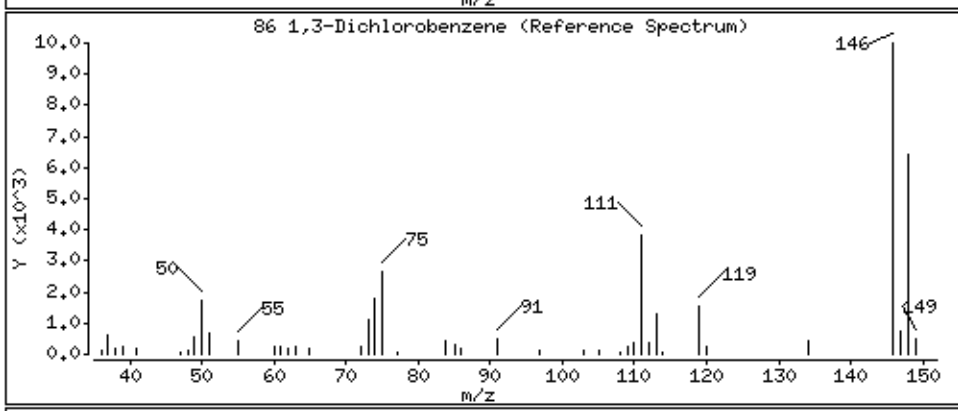
86 1,3-Dichlorobenzene

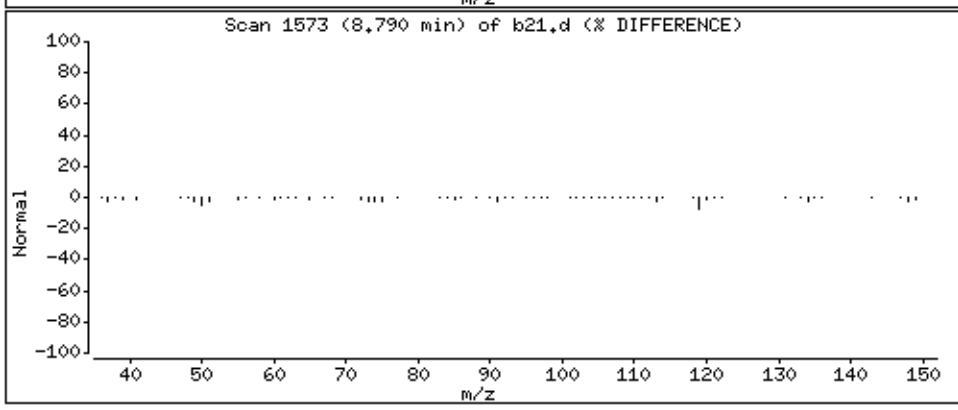
Concentration: 49.0 ppb

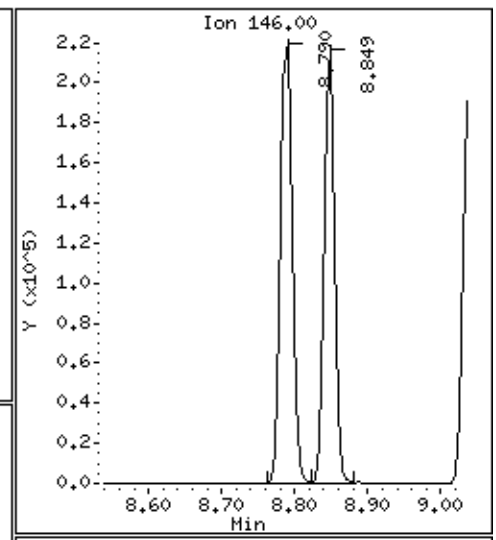
Review Code:

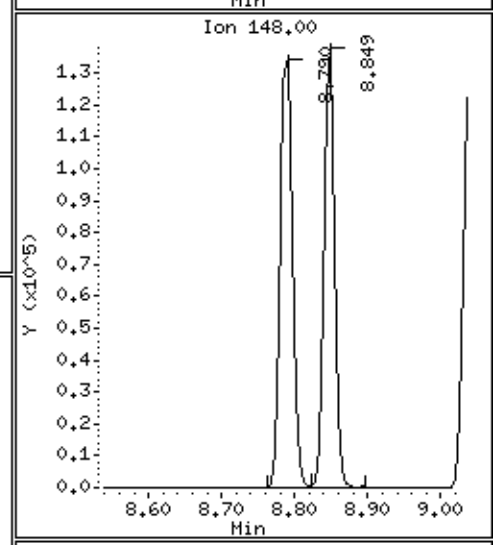


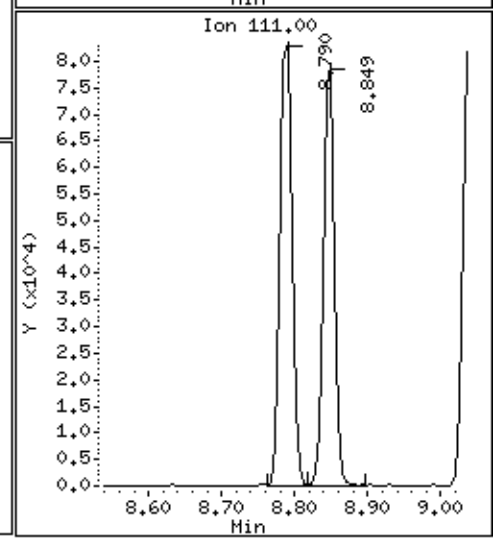












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

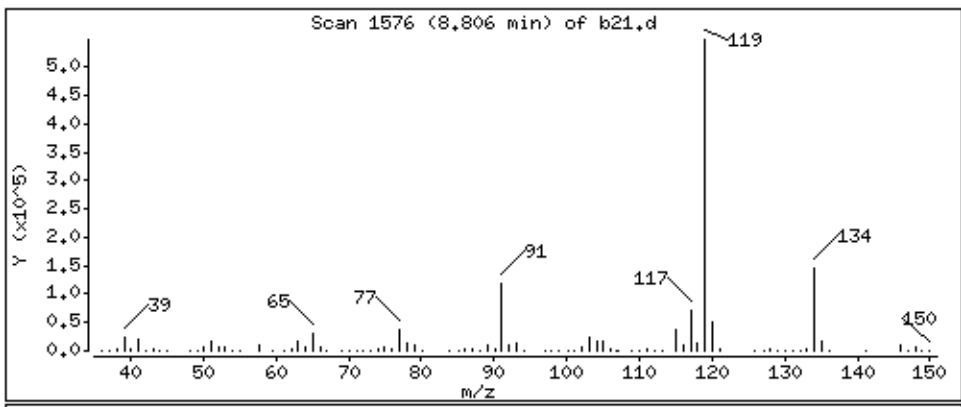
Column phase: DB-624

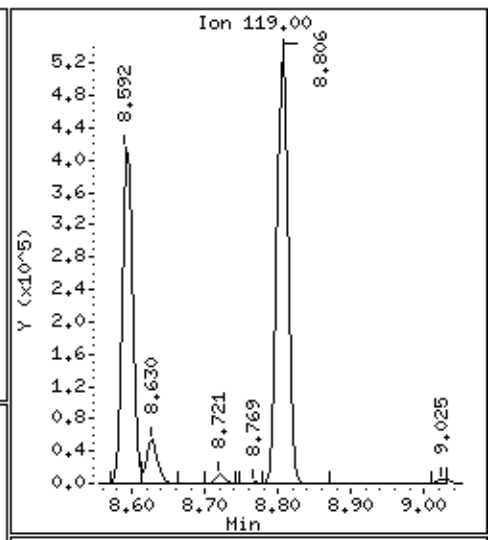
Column diameter: 0.18

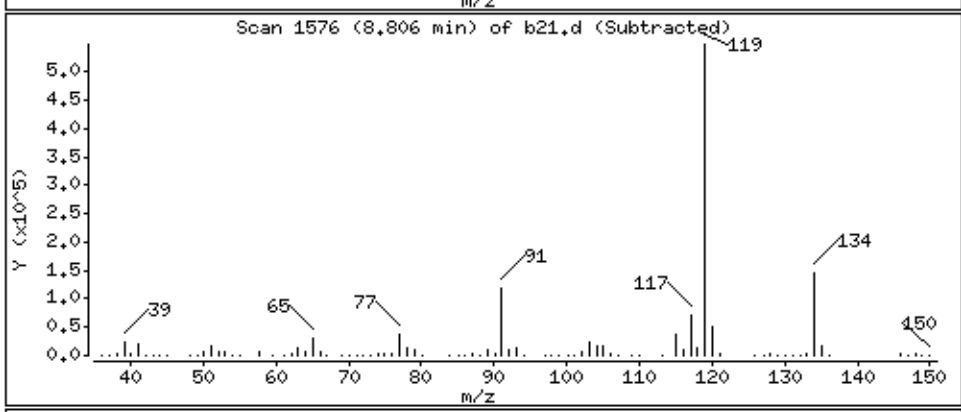
87 p-Isopropyltoluene

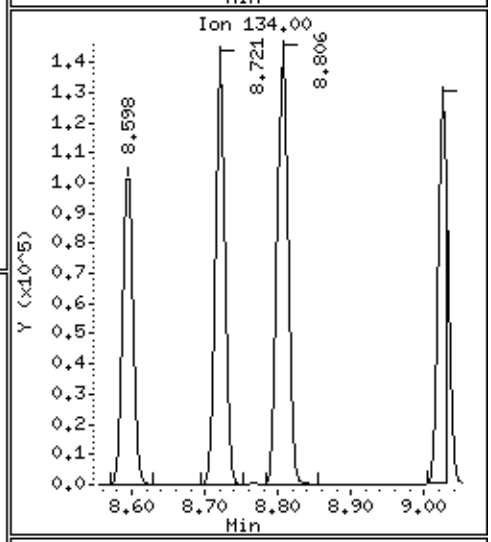
Concentration: 47.3 ppb

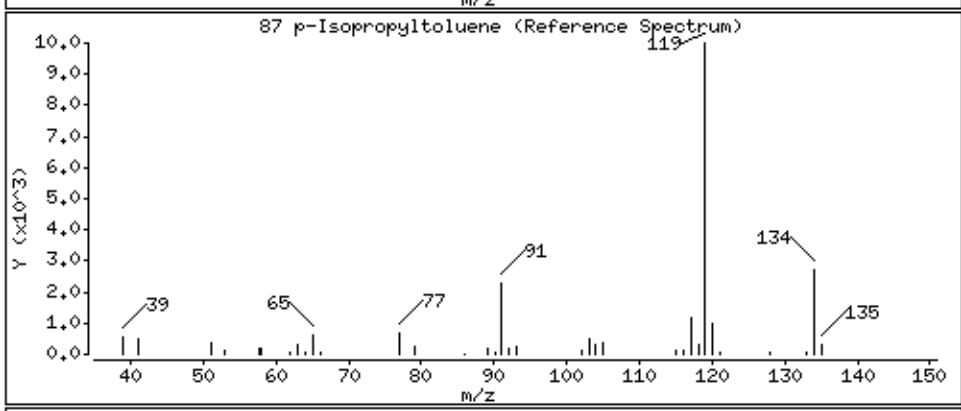
Review Code:

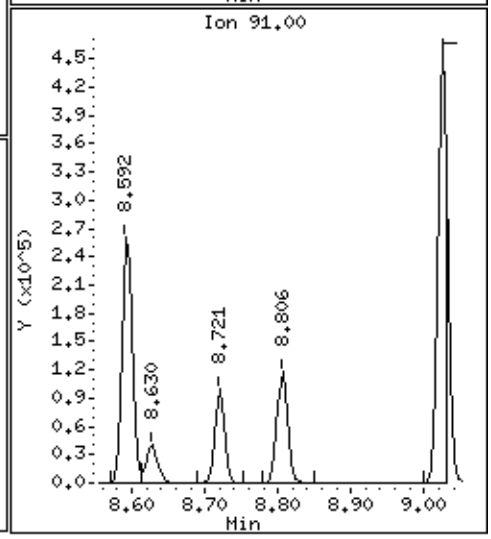


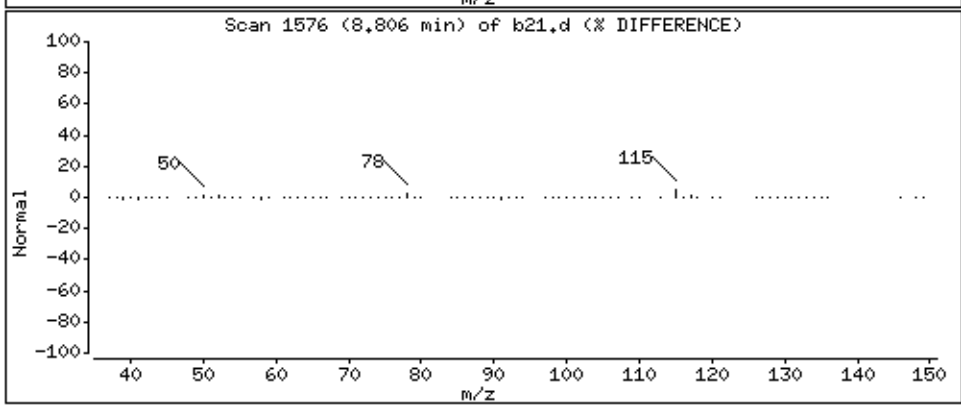












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

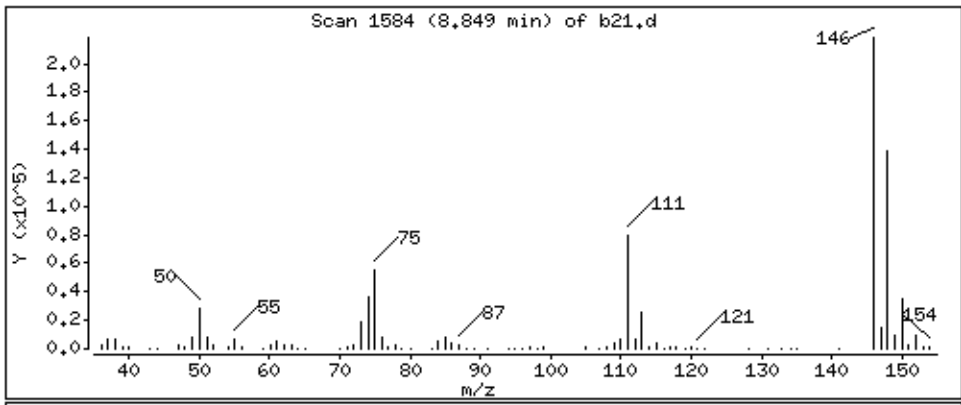
Column phase: DB-624

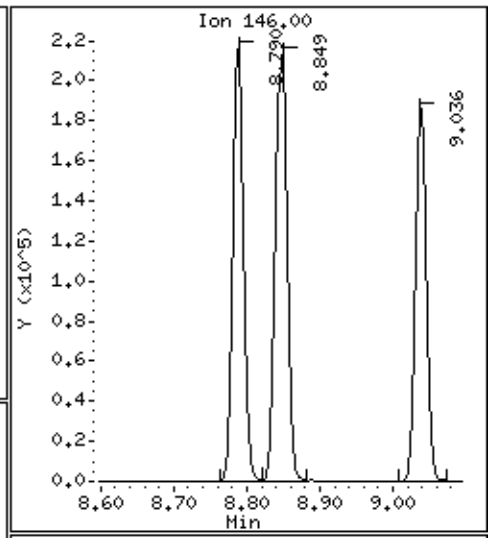
Column diameter: 0.18

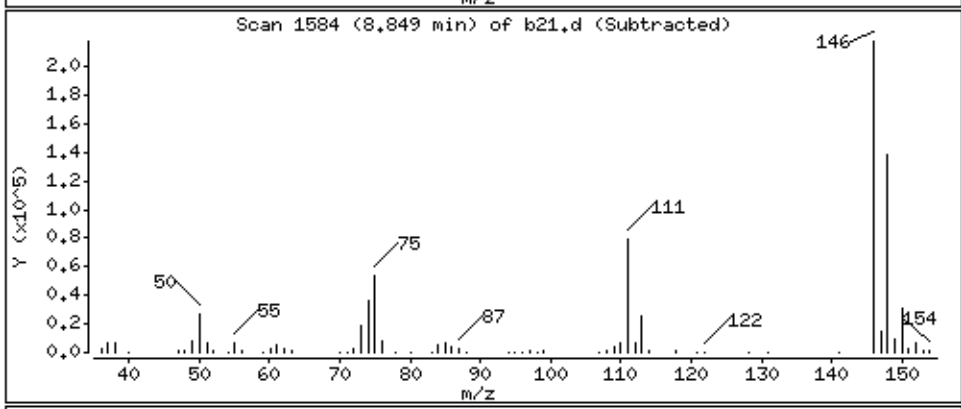
89 1,4-Dichlorobenzene

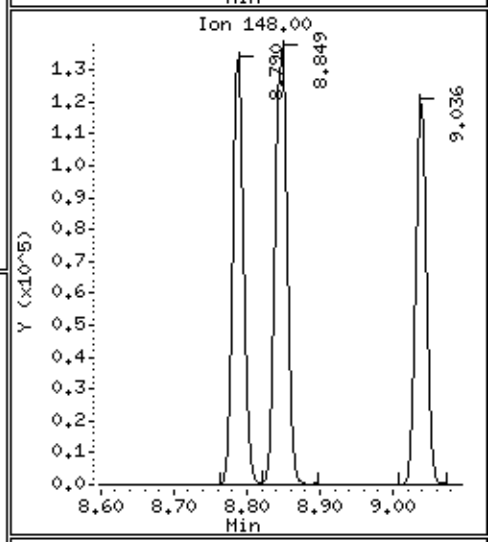
Concentration: 46.7 ppb

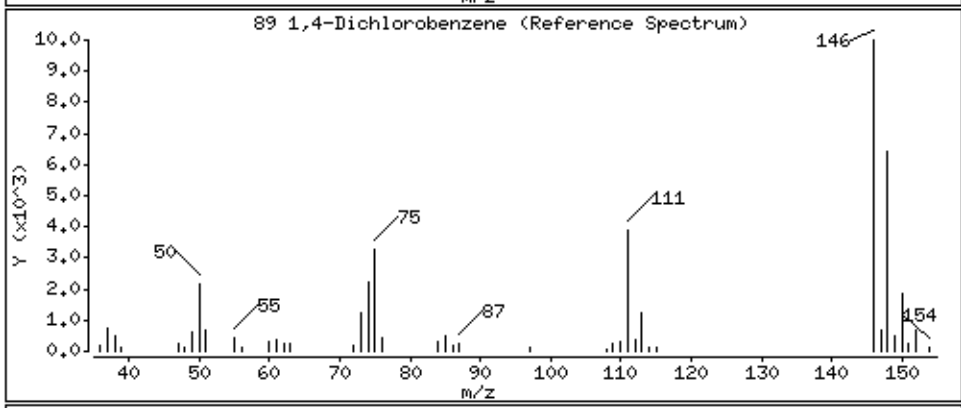
Review Code:

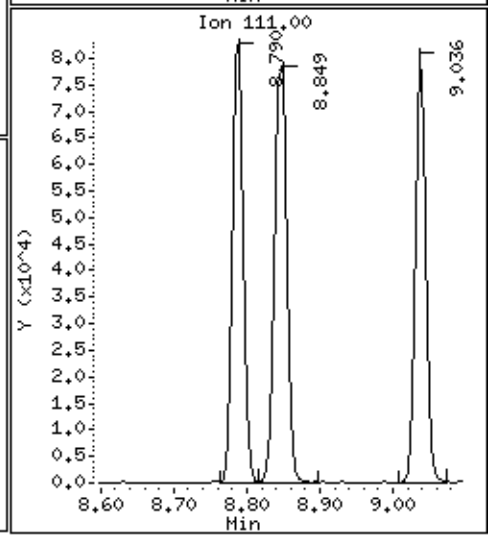


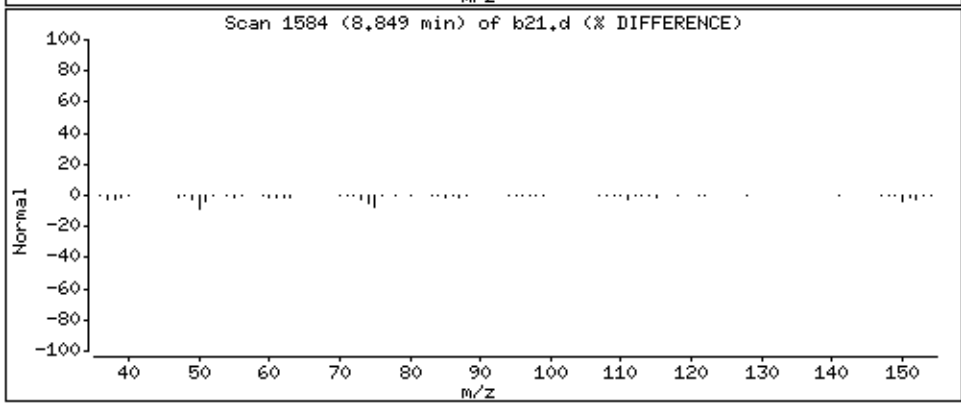












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

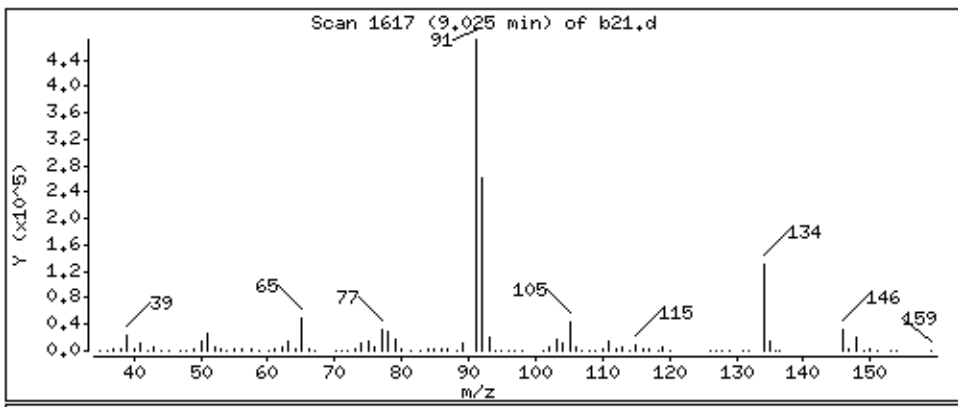
Column phase: DB-624

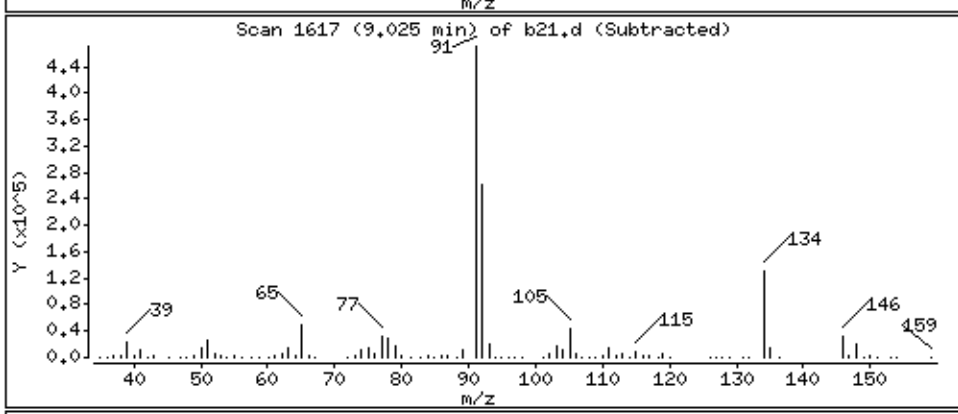
Column diameter: 0.18

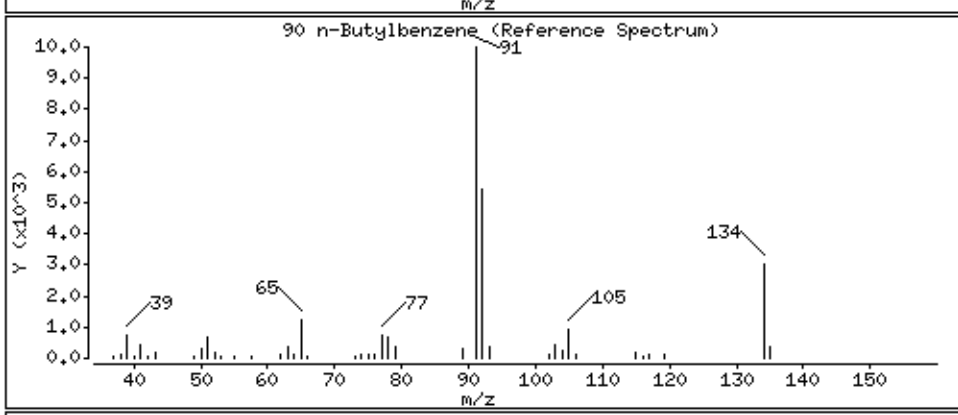
90 n-Butylbenzene

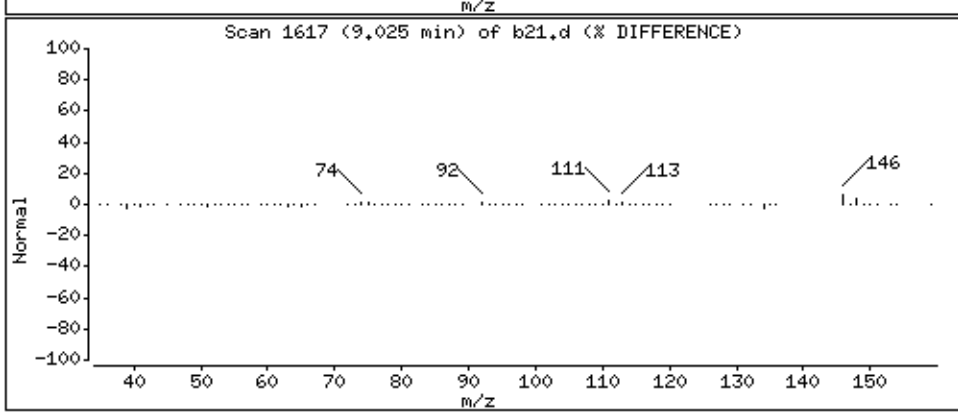
Concentration: 44.2 ppb

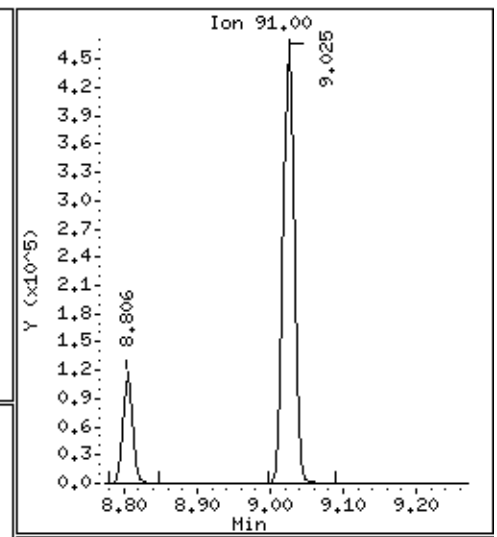
Review Code:

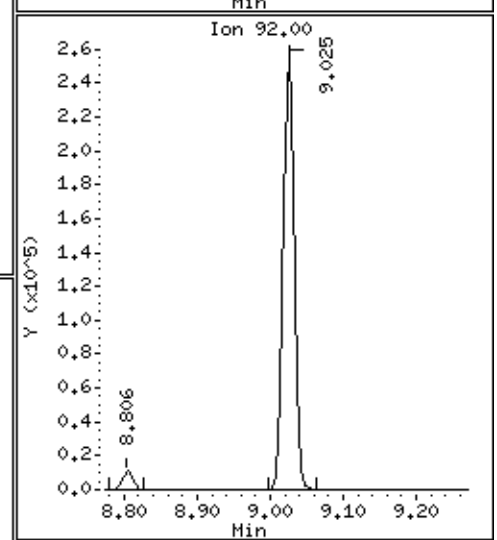


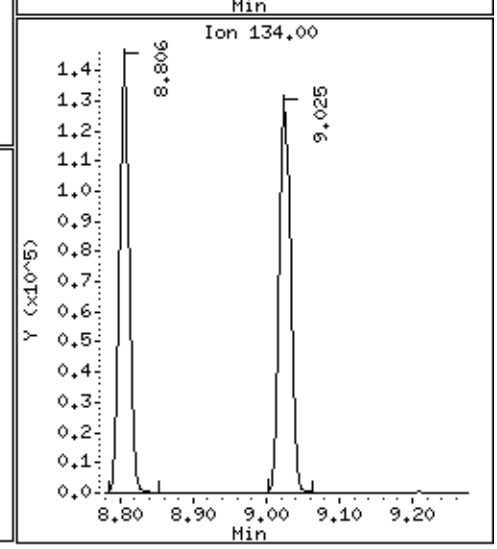












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

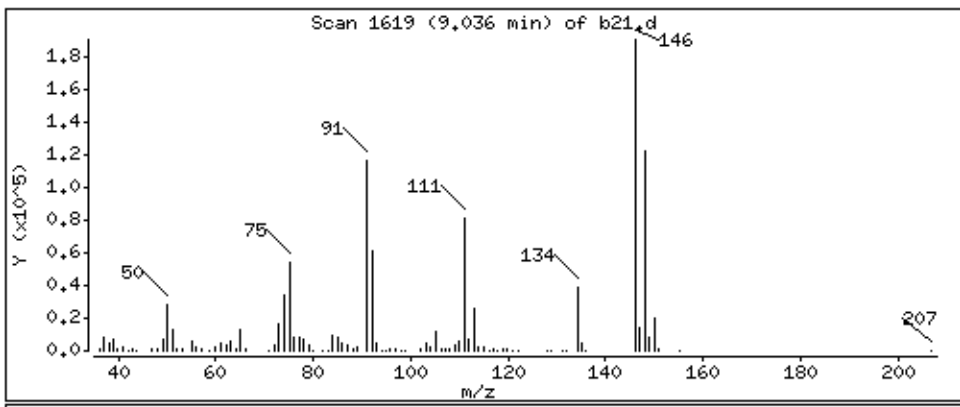
Column phase: DB-624

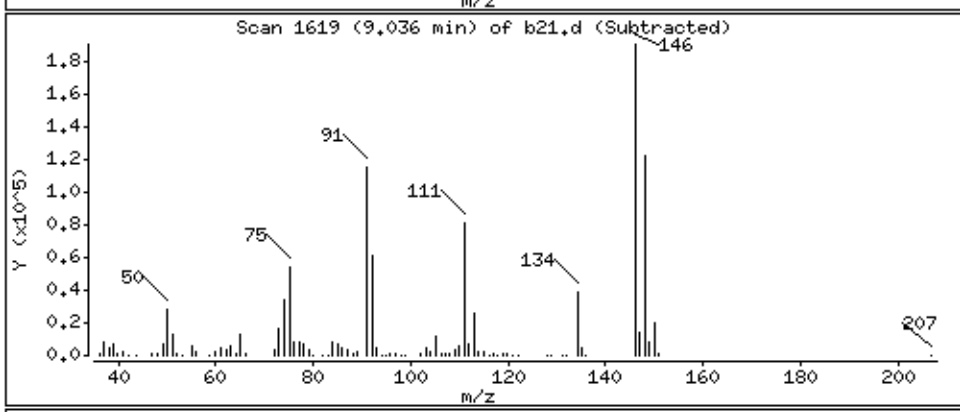
Column diameter: 0.18

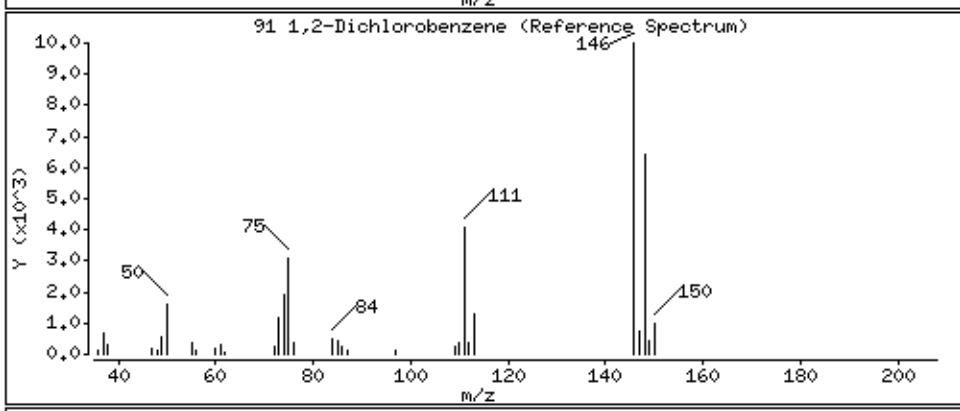
91 1,2-Dichlorobenzene

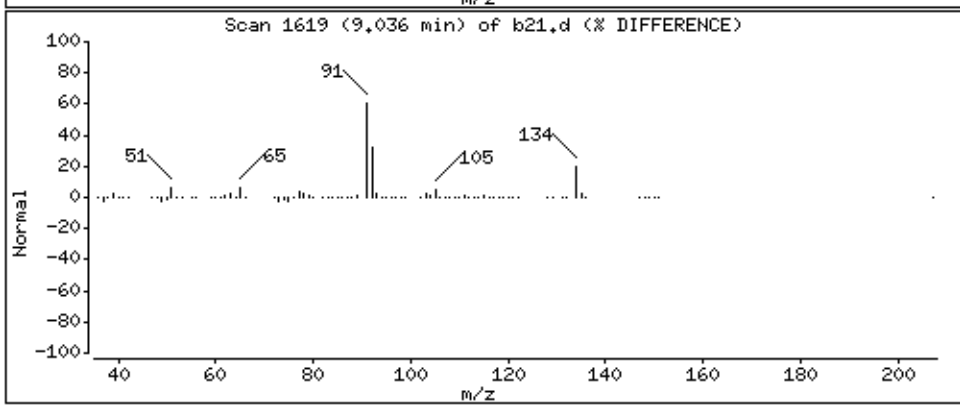
Concentration: 51.1 ppb

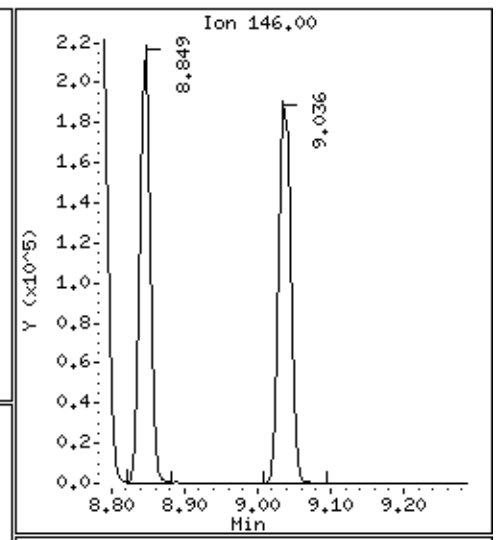
Review Code:

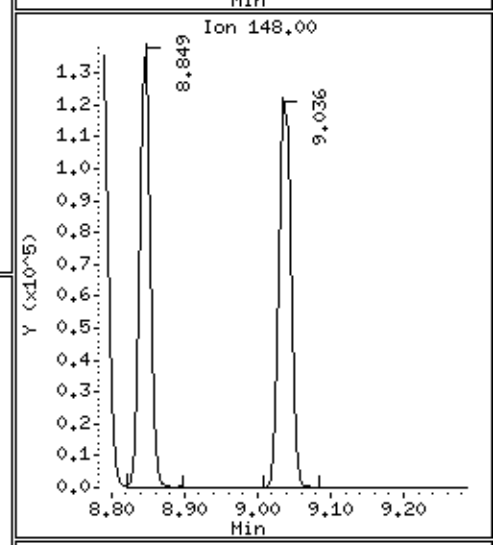


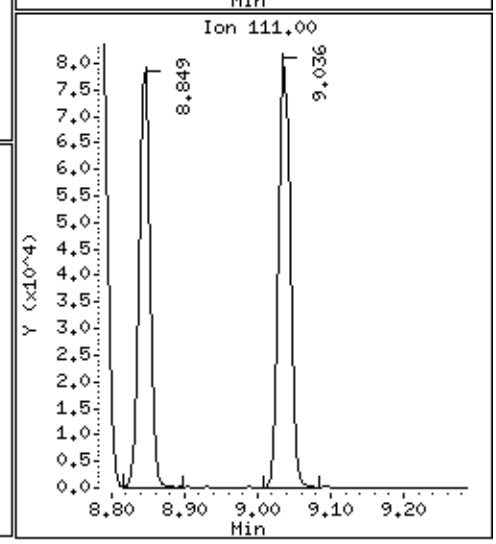












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

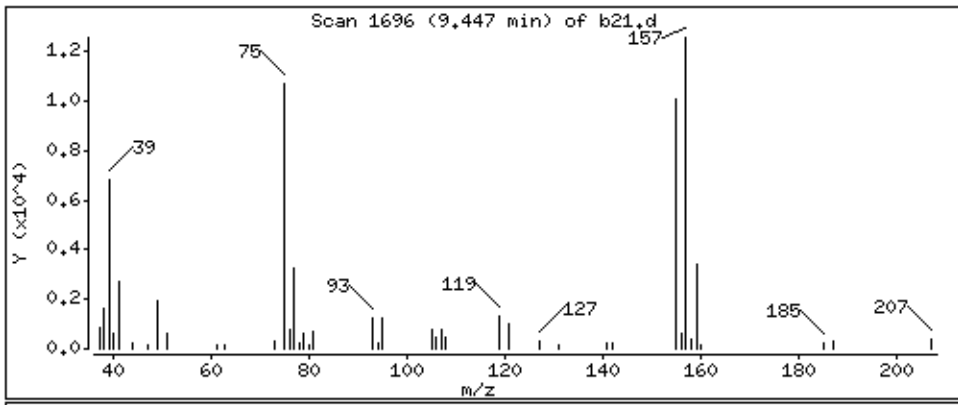
Column phase: DB-624

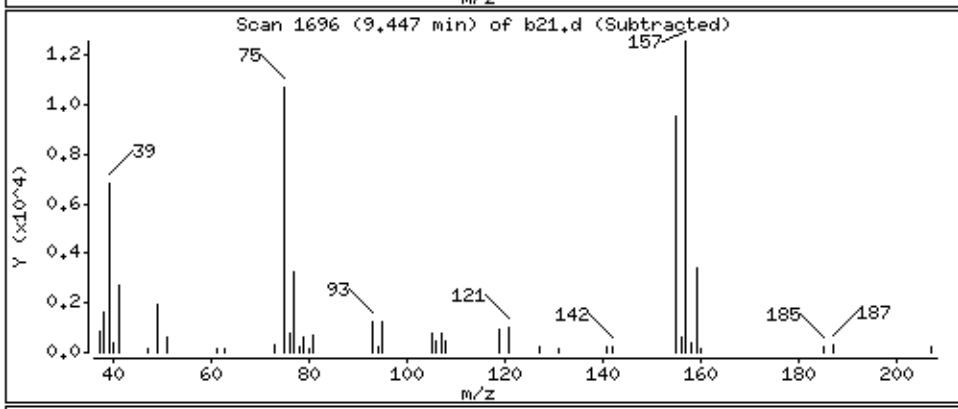
Column diameter: 0.18

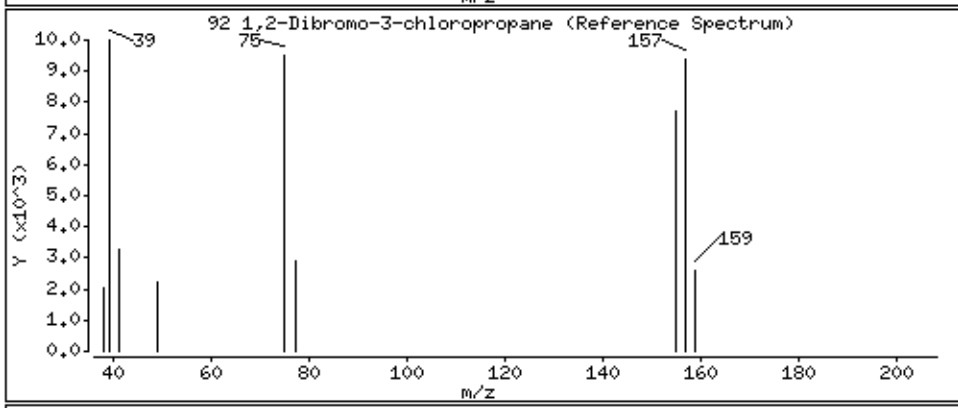
92 1,2-Dibromo-3-chloropropane

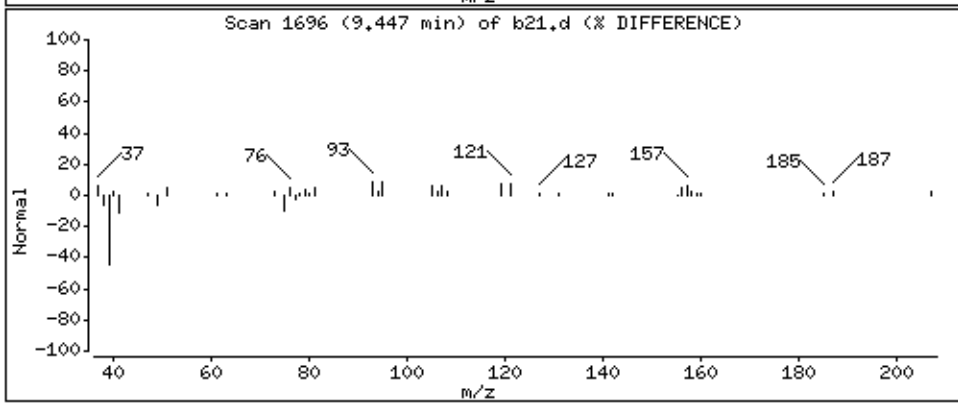
Concentration: 50.5 ppb

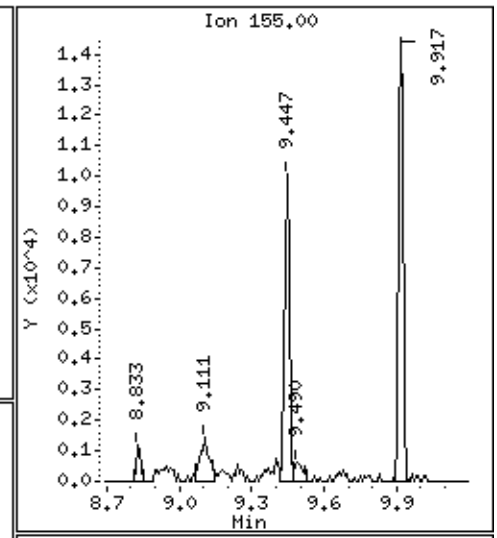
Review Code:

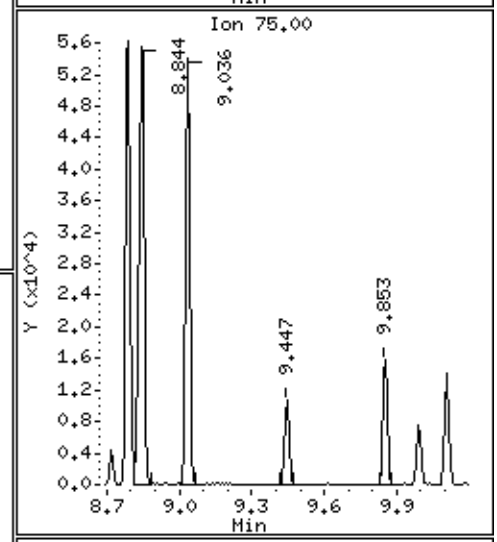


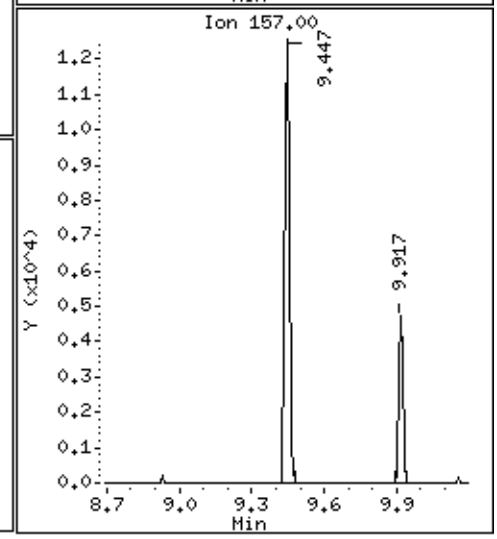












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

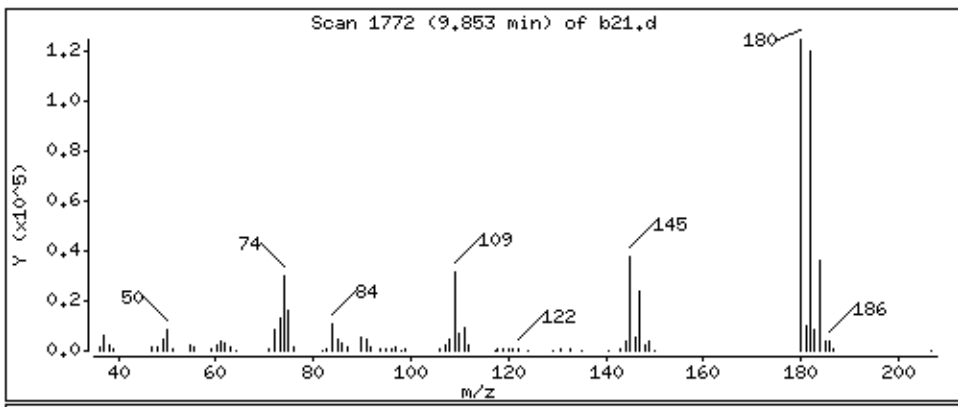
Column phase: DB-624

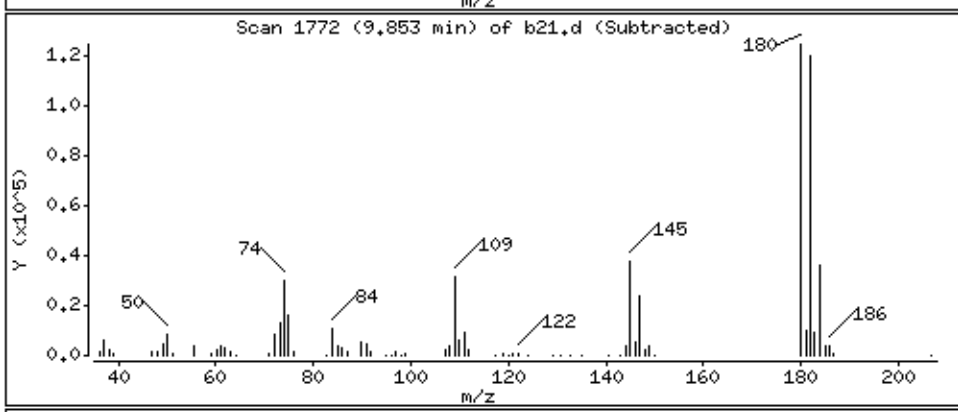
Column diameter: 0.18

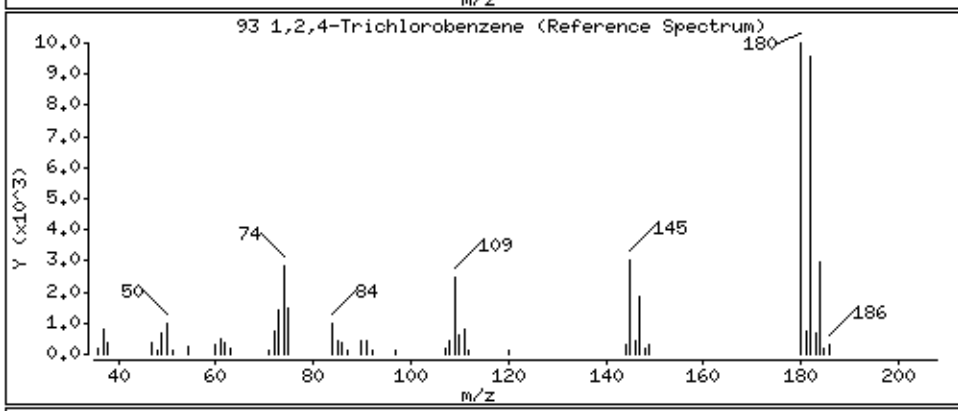
93 1,2,4-Trichlorobenzene

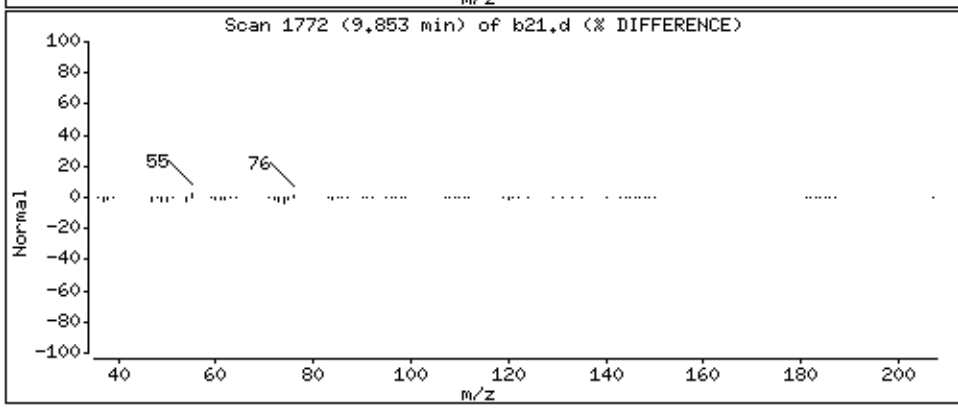
Concentration: 46.9 ppb

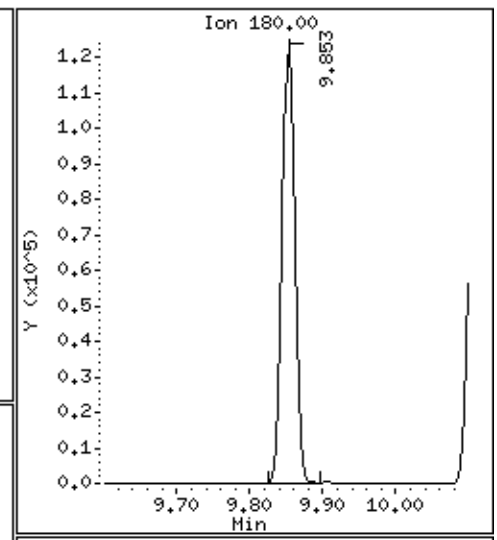
Review Code:

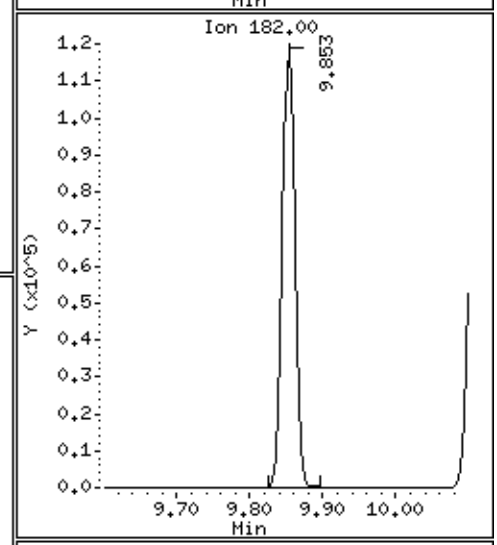


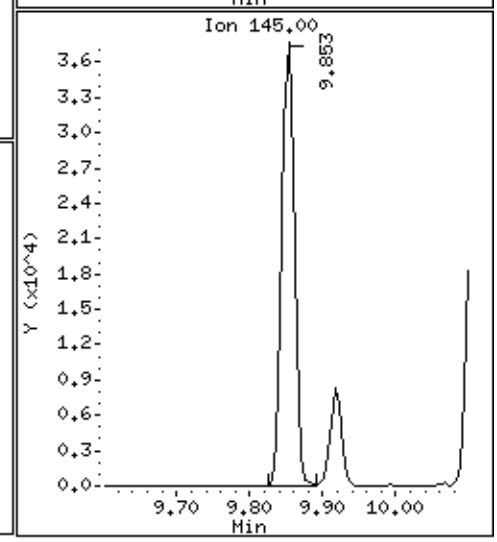












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

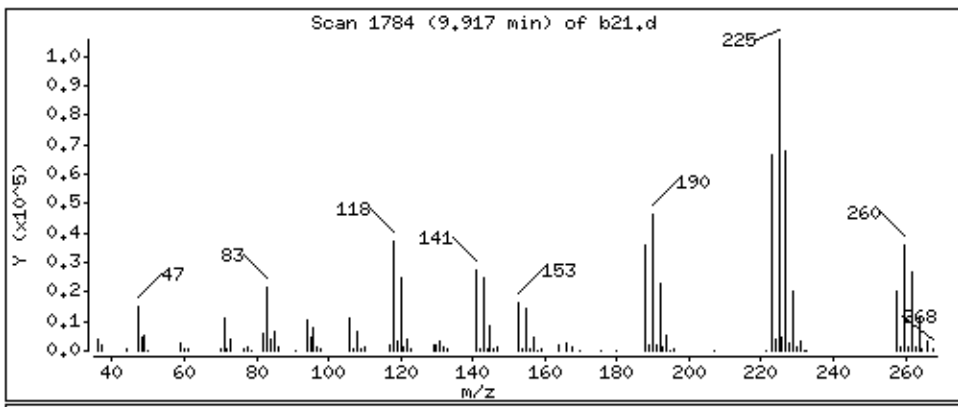
Column phase: DB-624

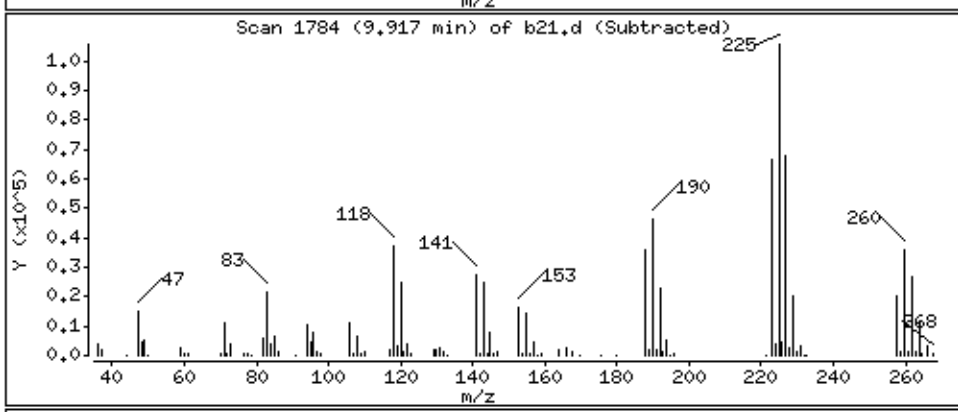
Column diameter: 0.18

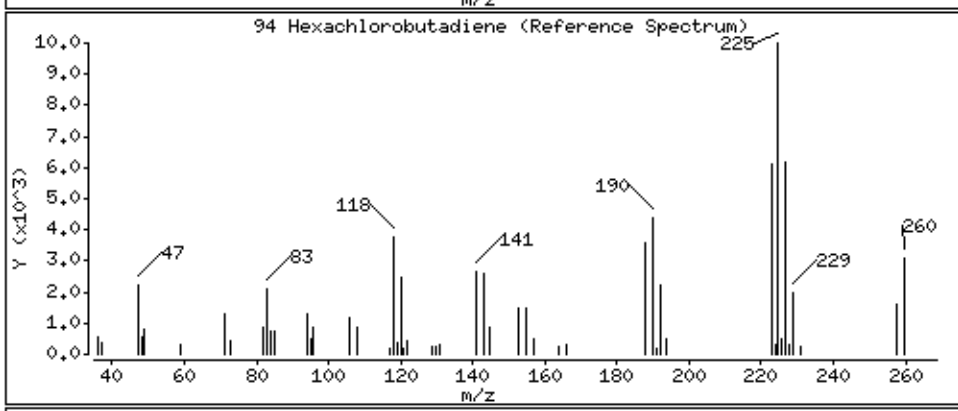
94 Hexachlorobutadiene

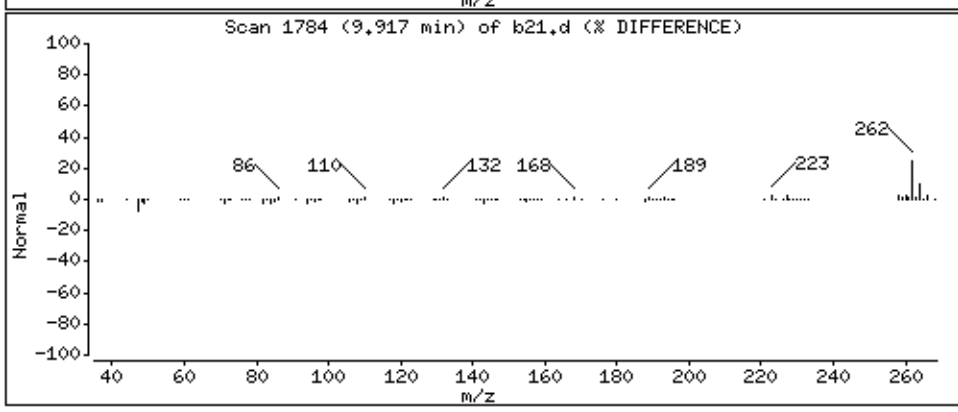
Concentration: 50.6 ppb

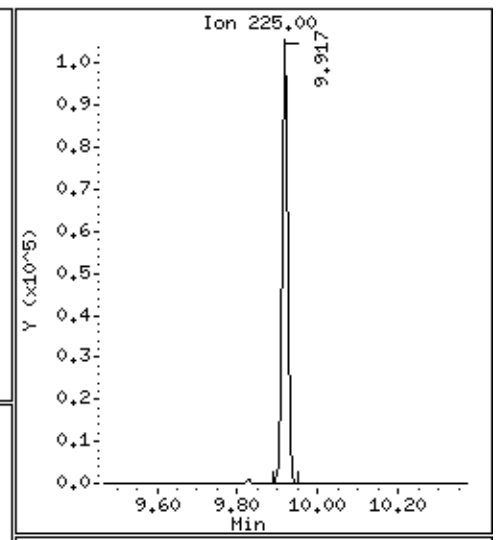
Review Code:

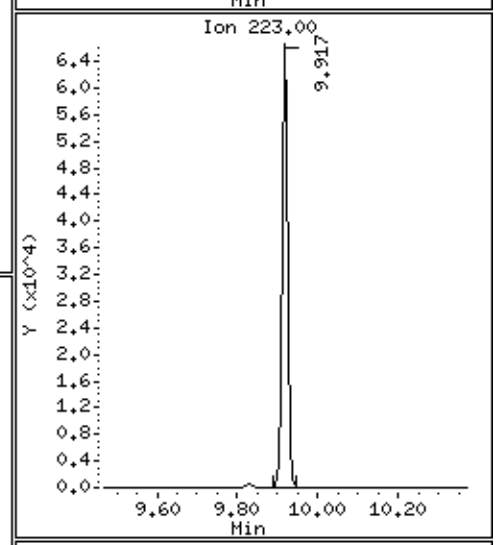


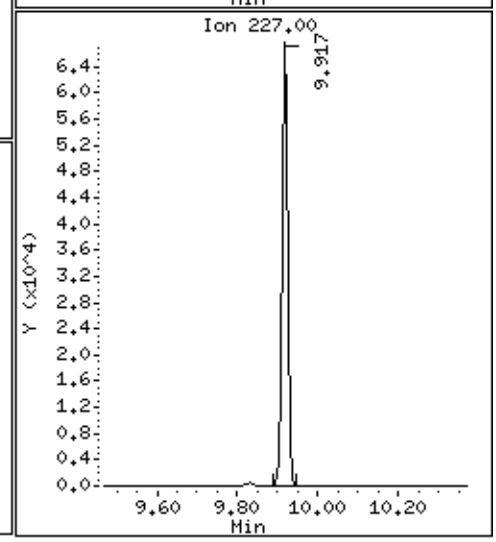












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

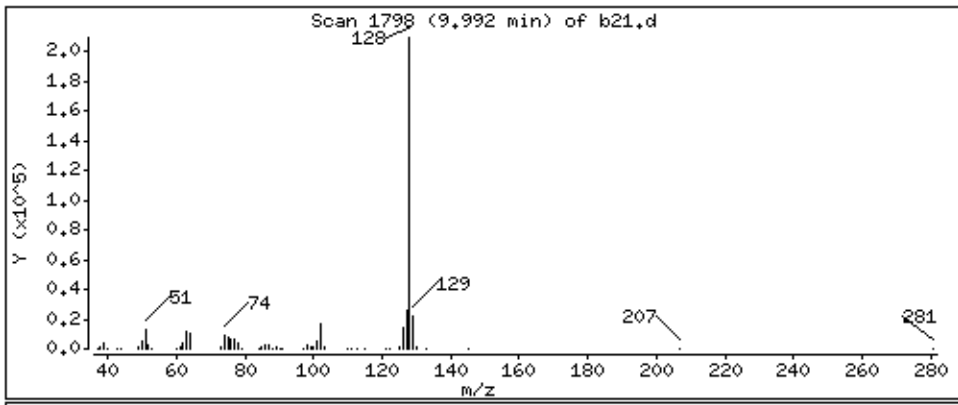
Column phase: DB-624

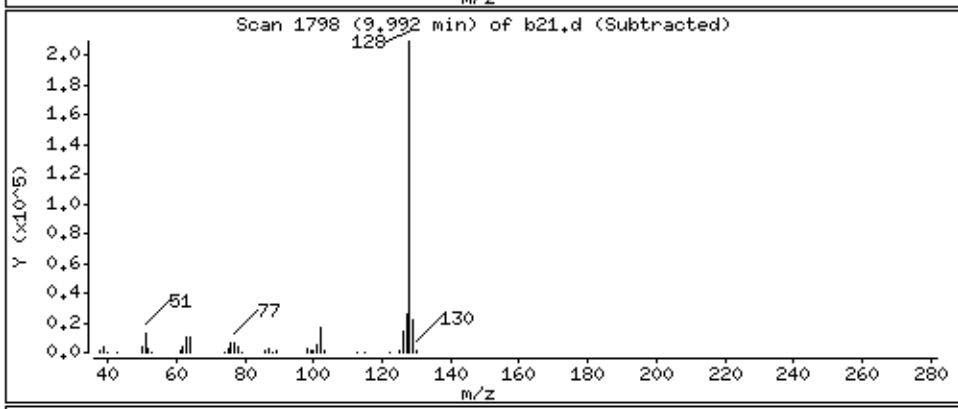
Column diameter: 0.18

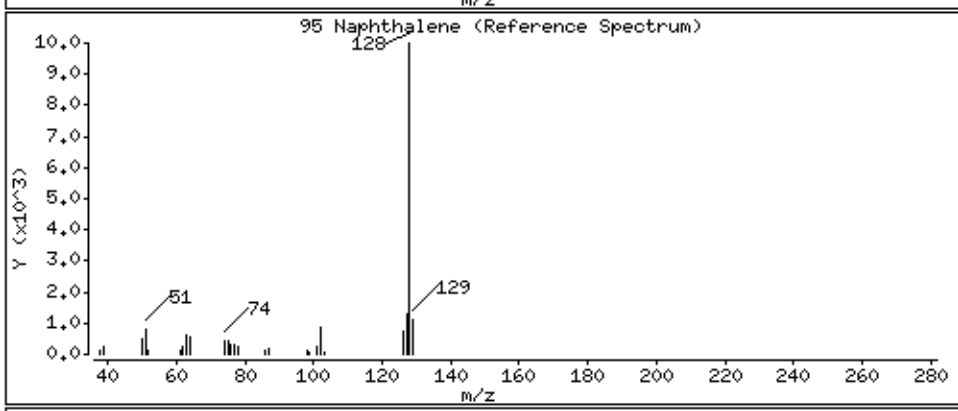
95 Naphthalene

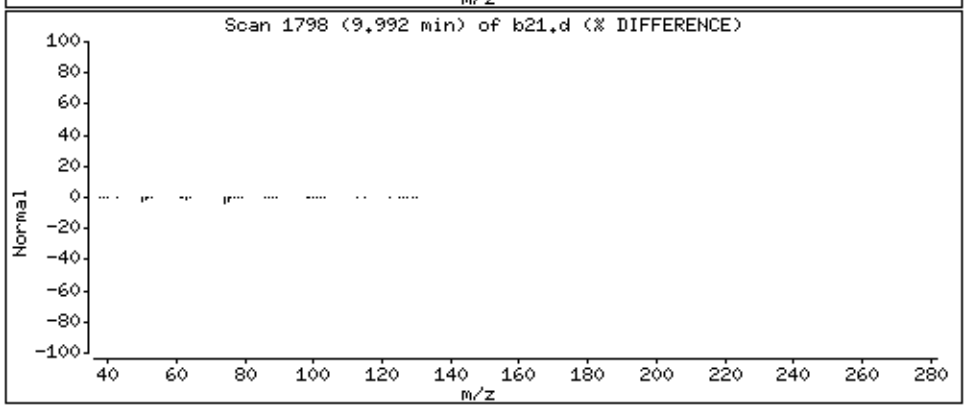
Concentration: 49.7 ppb

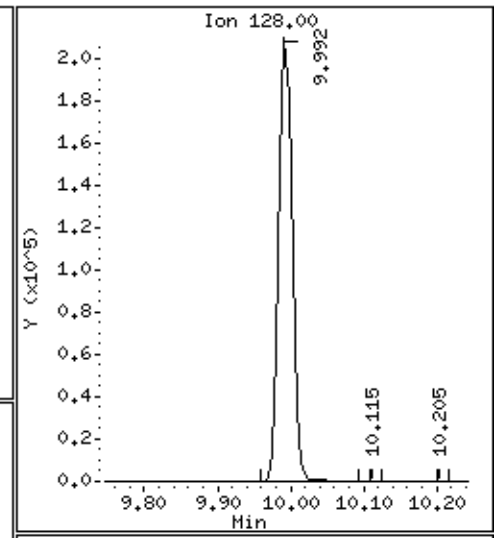
Review Code:

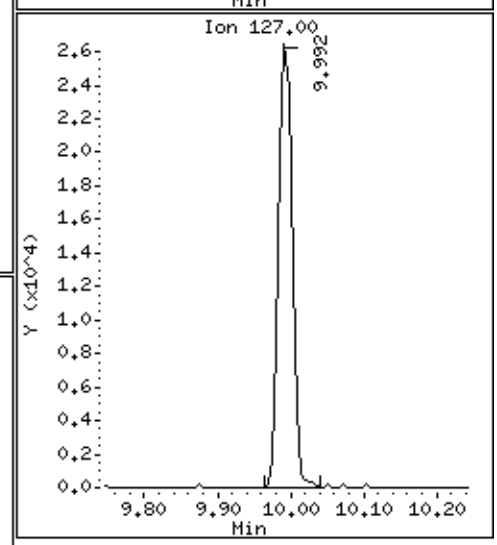












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

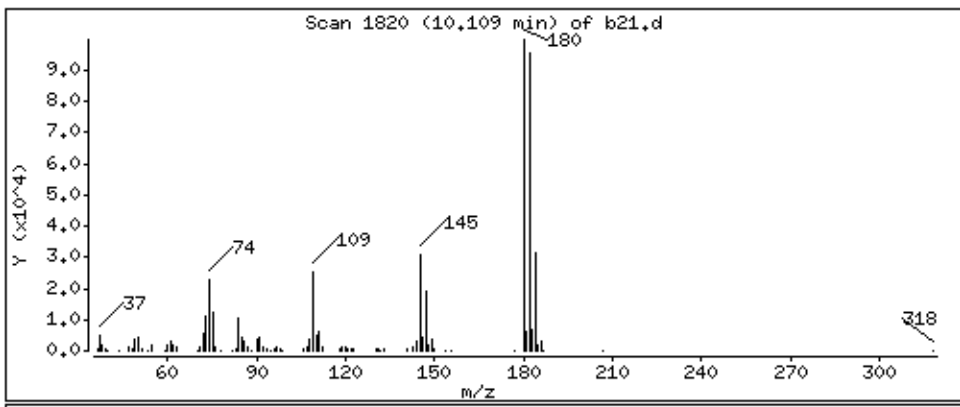
Column phase: DB-624

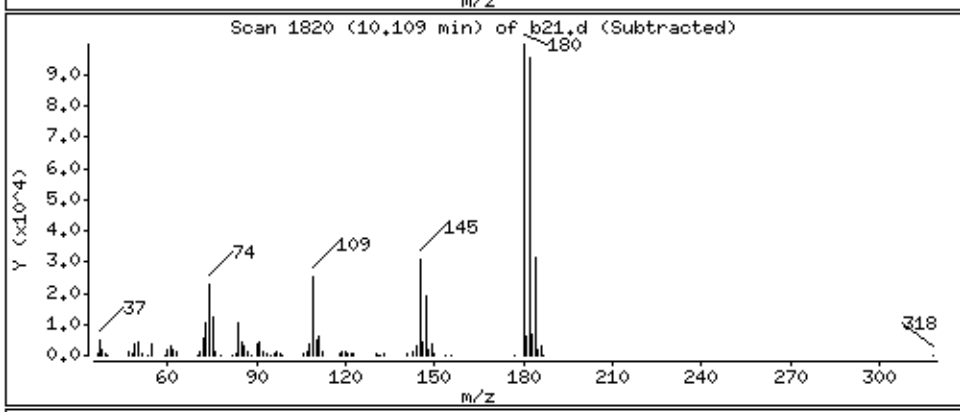
Column diameter: 0.18

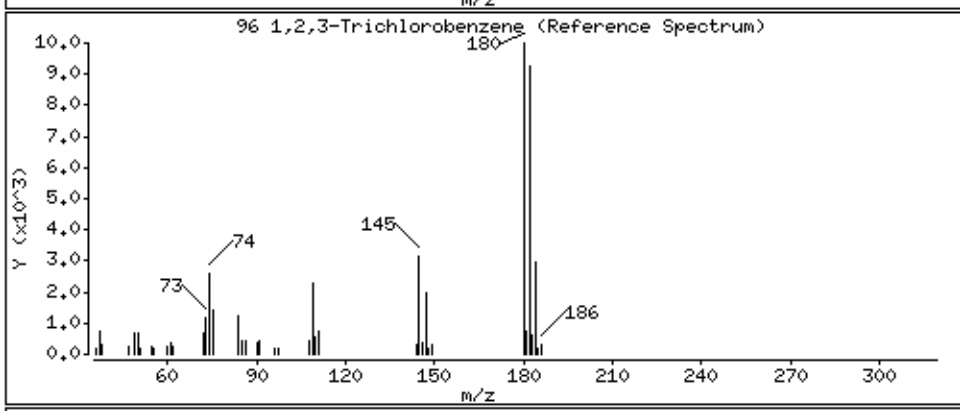
96 1,2,3-Trichlorobenzene

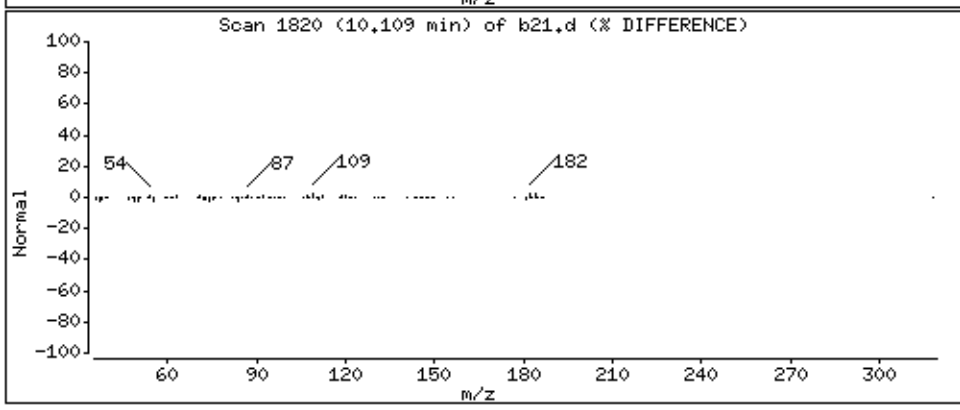
Concentration: 49.9 ppb

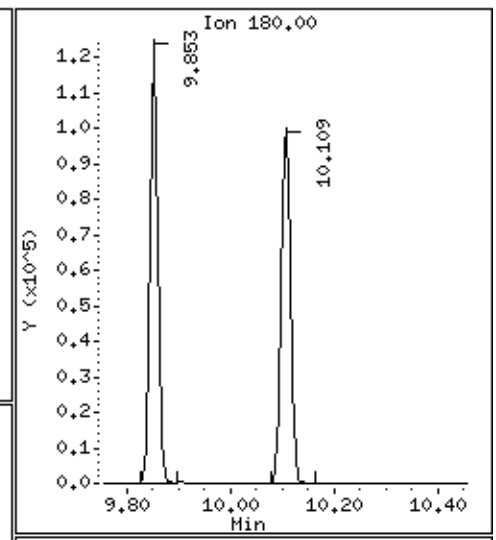
Review Code:

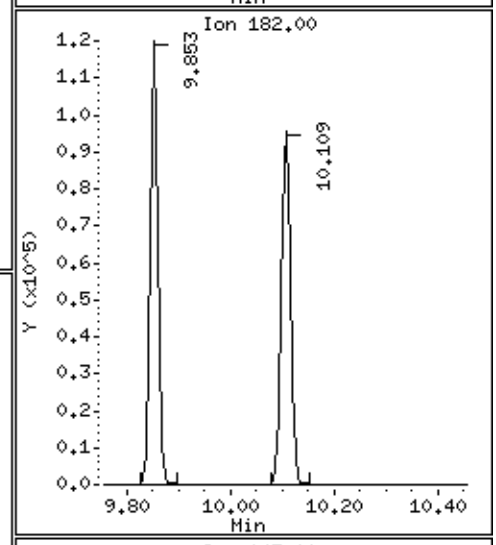


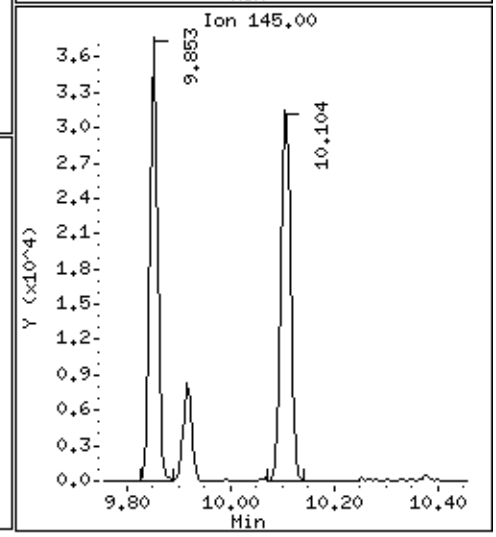












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

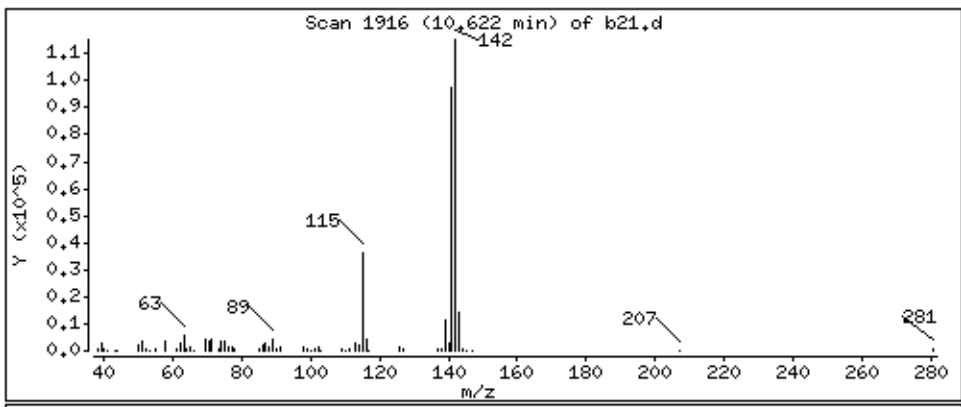
Column phase: DB-624

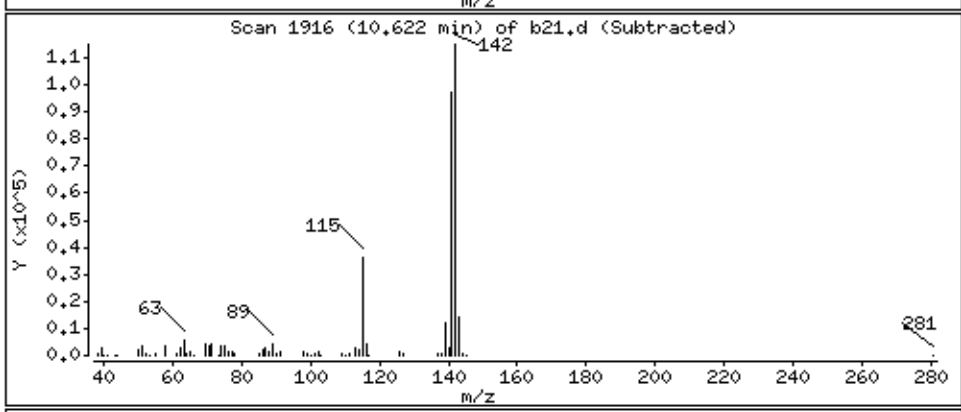
Column diameter: 0.18

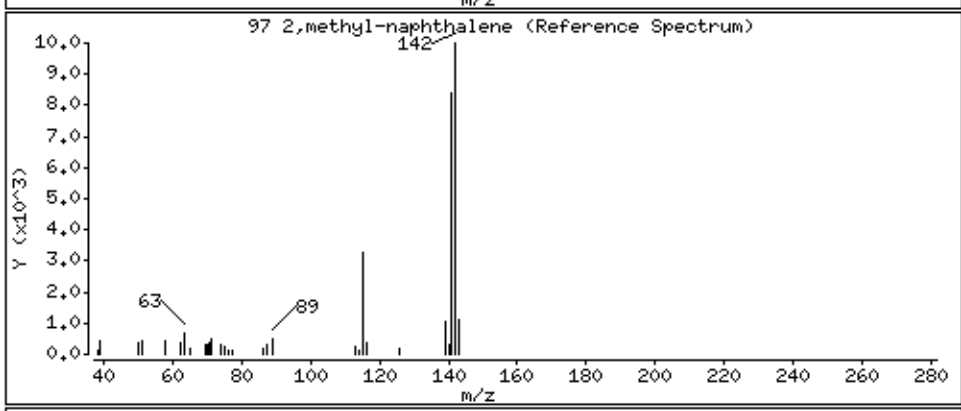
97 2,methyl-naphthalene

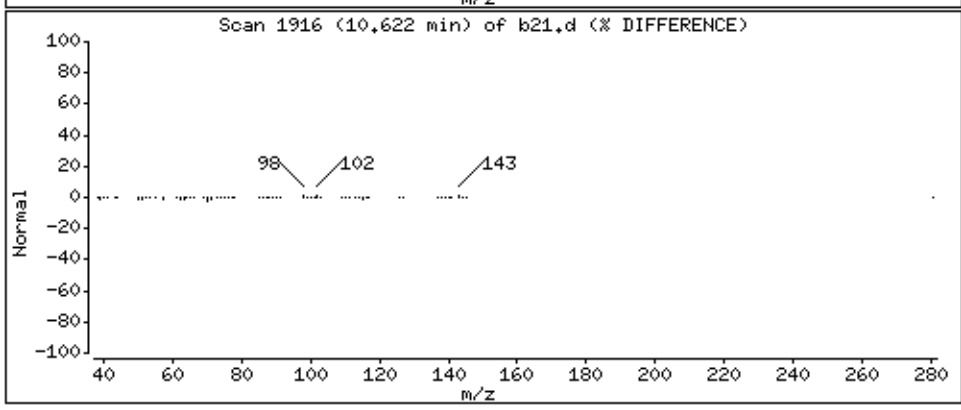
Concentration: 53.7 ppb

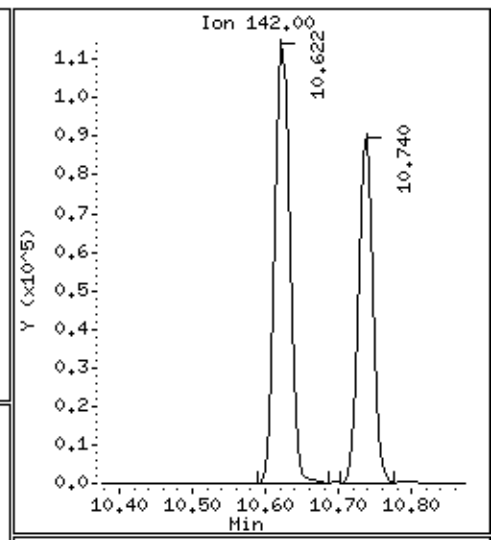
Review Code:

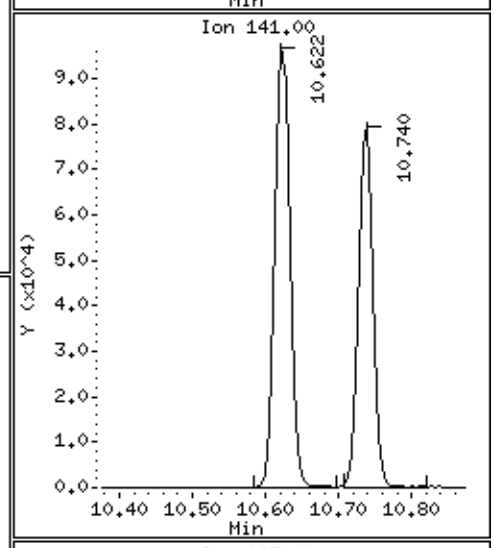


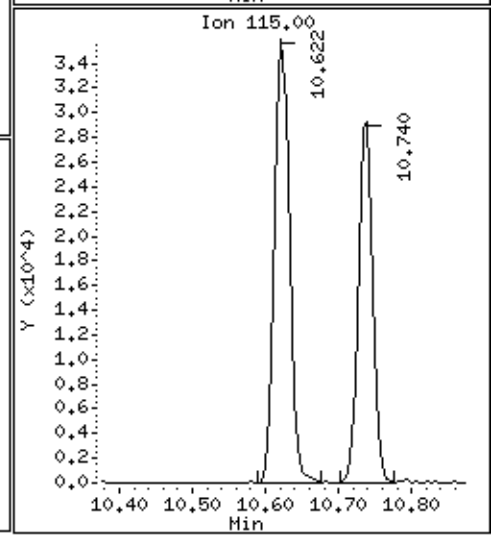












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

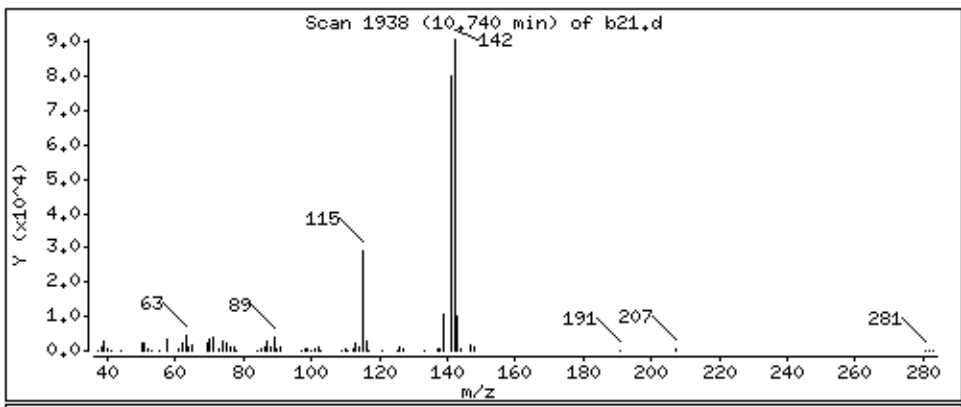
Column phase: DB-624

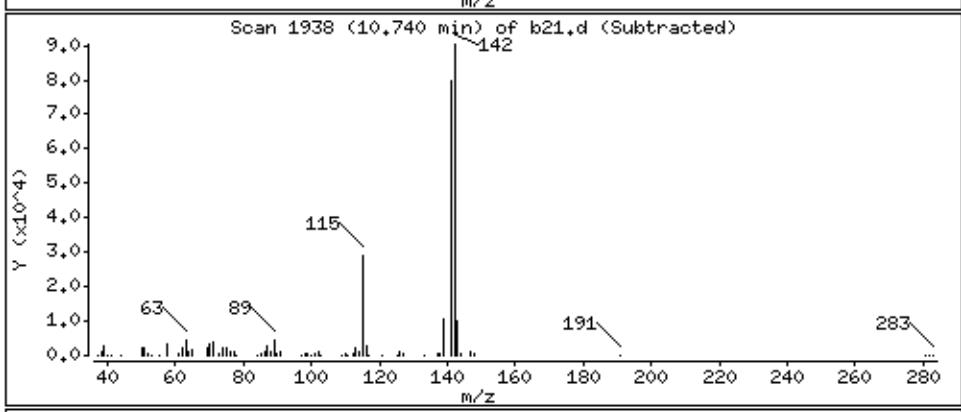
Column diameter: 0.18

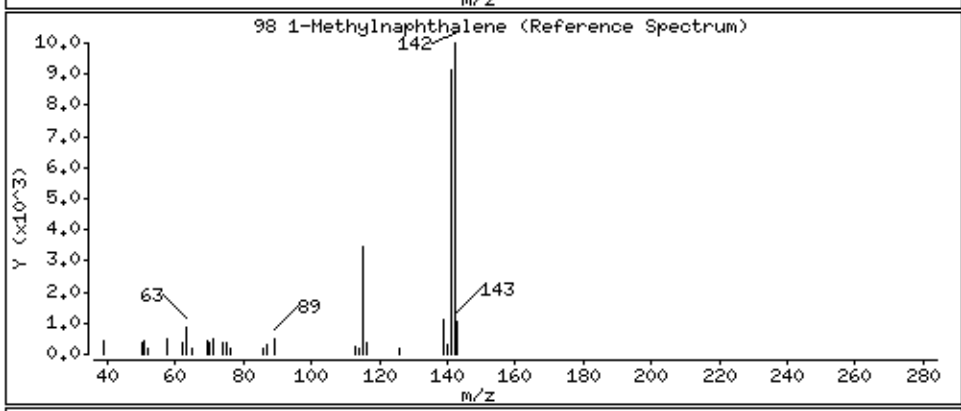
98 1-Methylnaphthalene

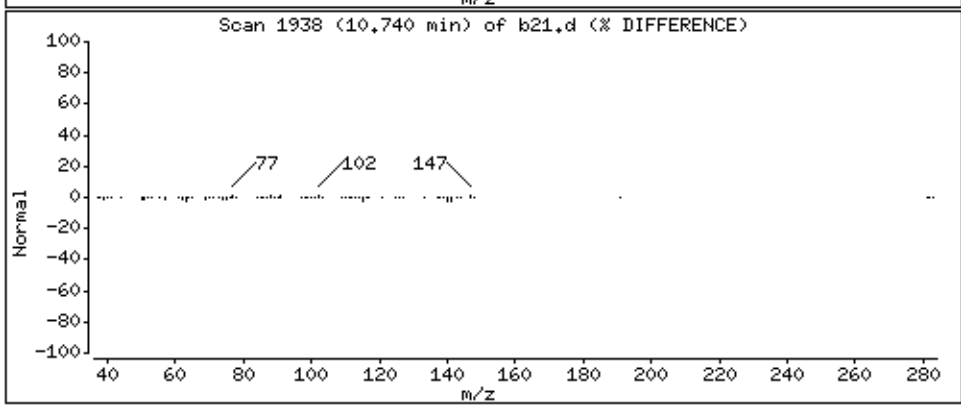
Concentration: 57.3 ppb

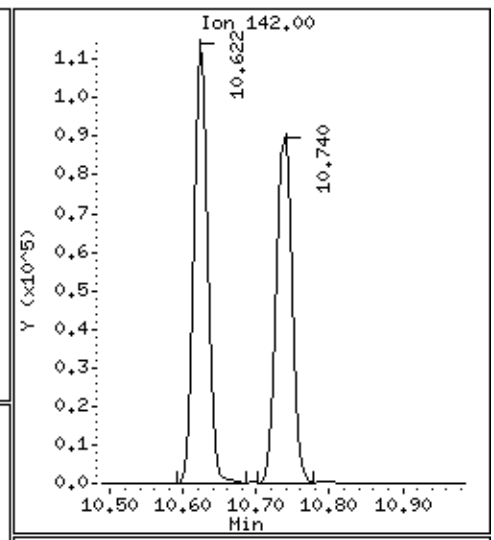
Review Code:

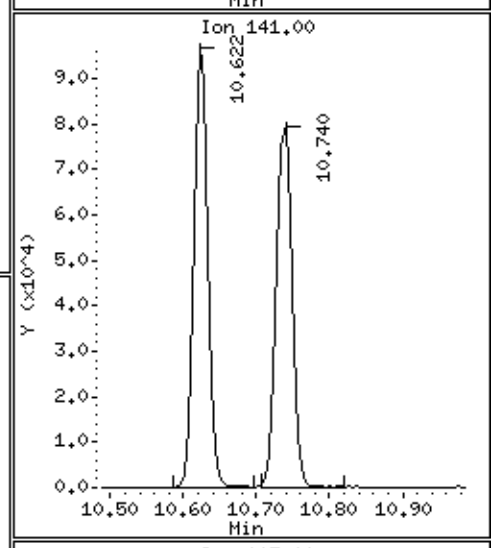


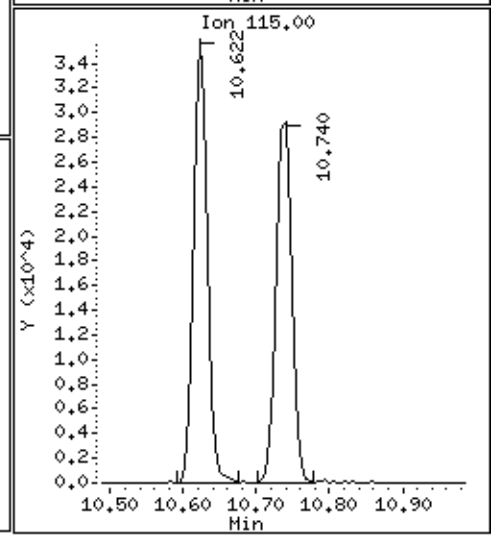












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

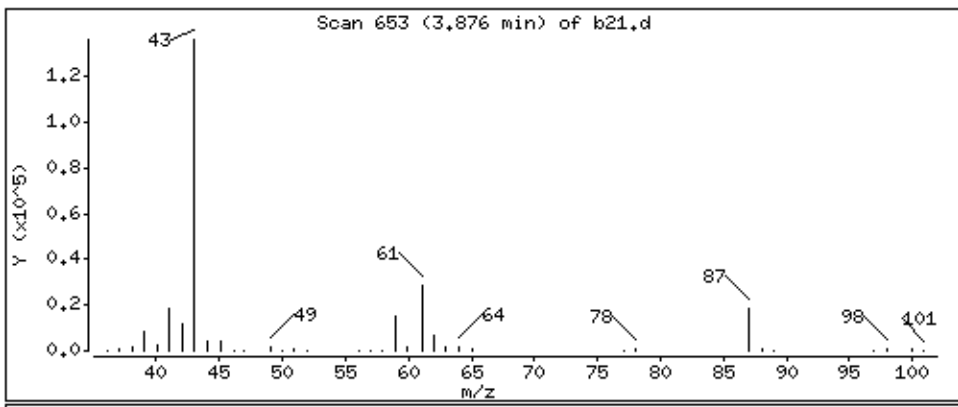
Column phase: DB-624

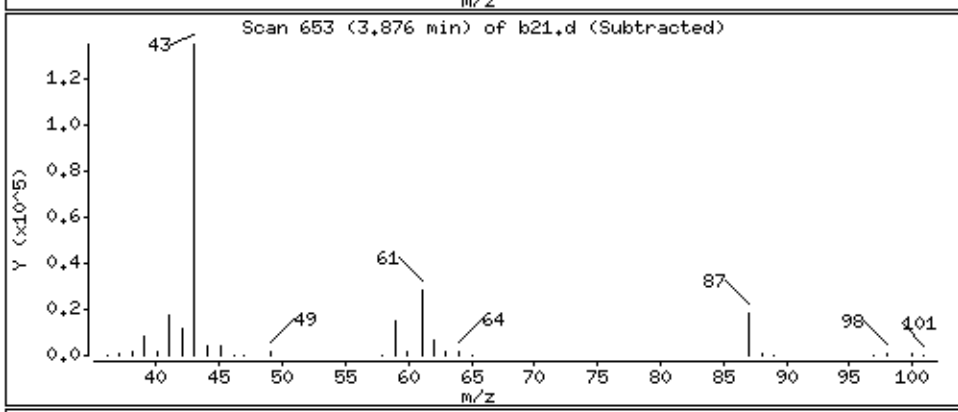
Column diameter: 0.18

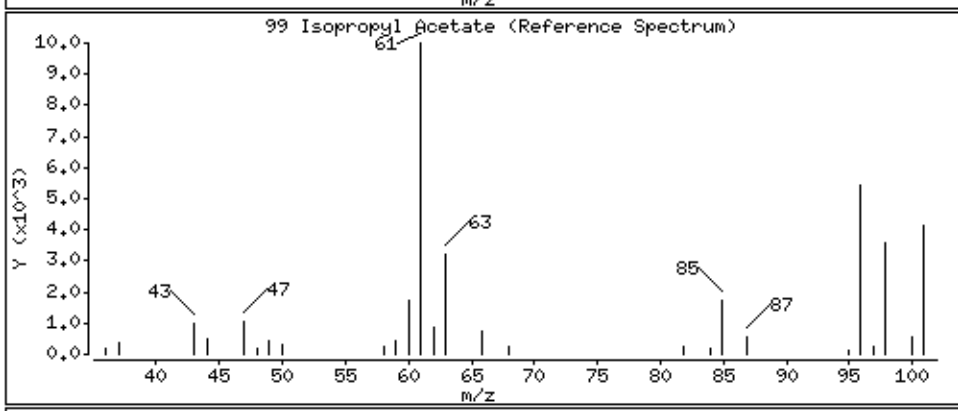
99 Isopropyl Acetate

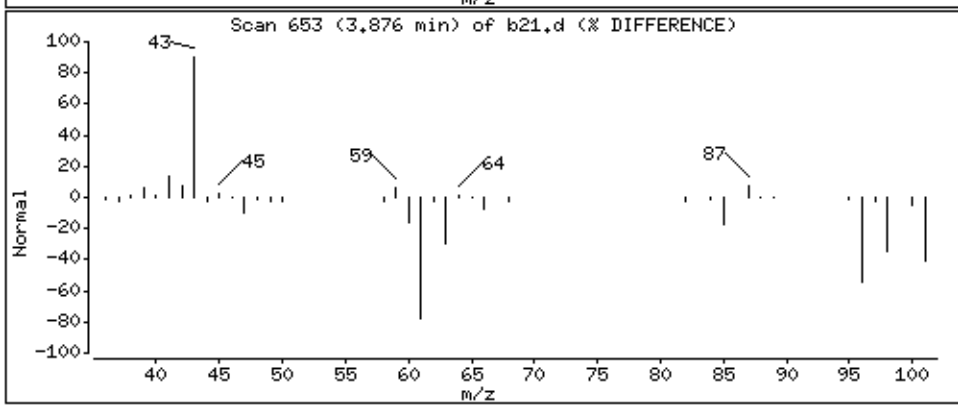
Concentration: 243 ppb

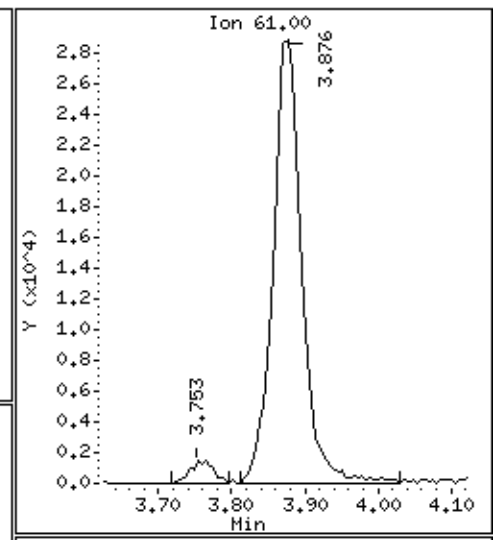
Review Code:

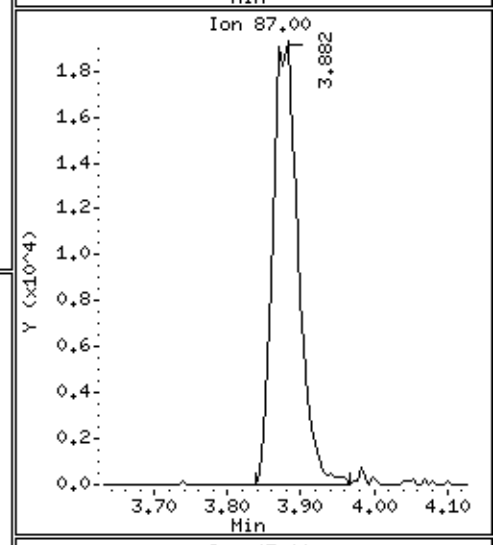


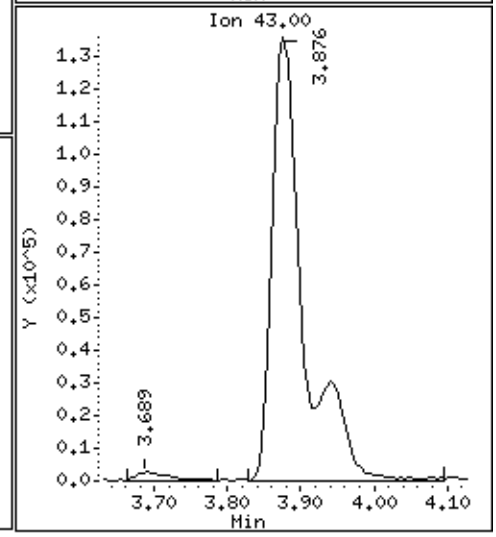












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

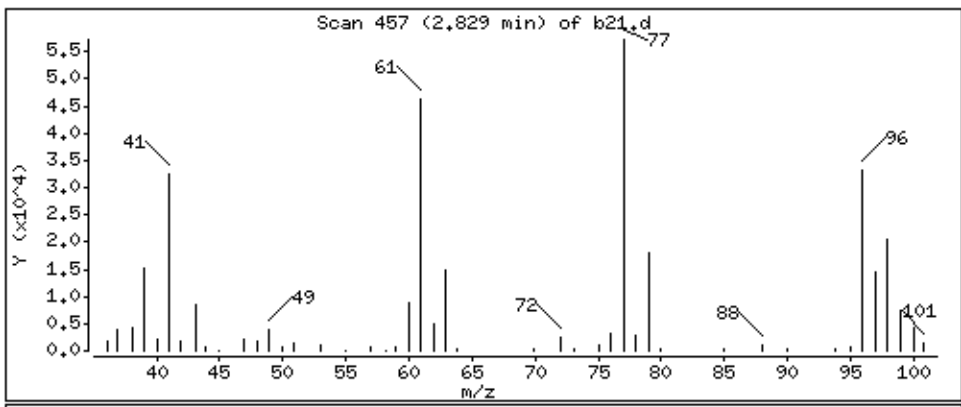
Column phase: DB-624

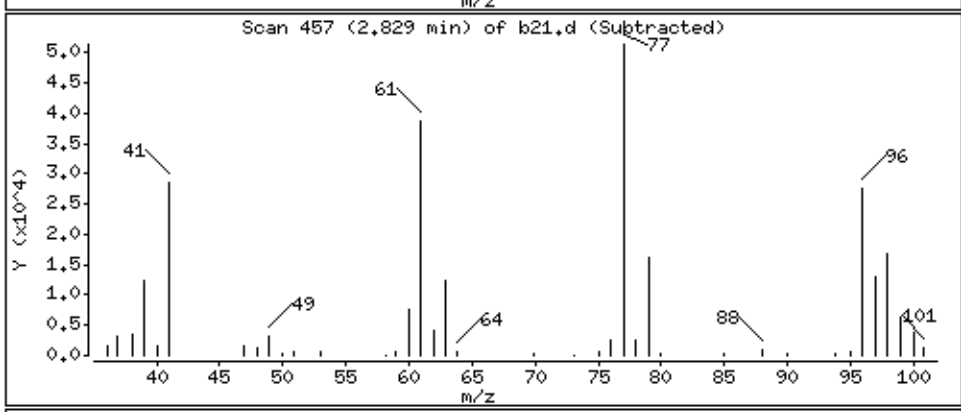
Column diameter: 0.18

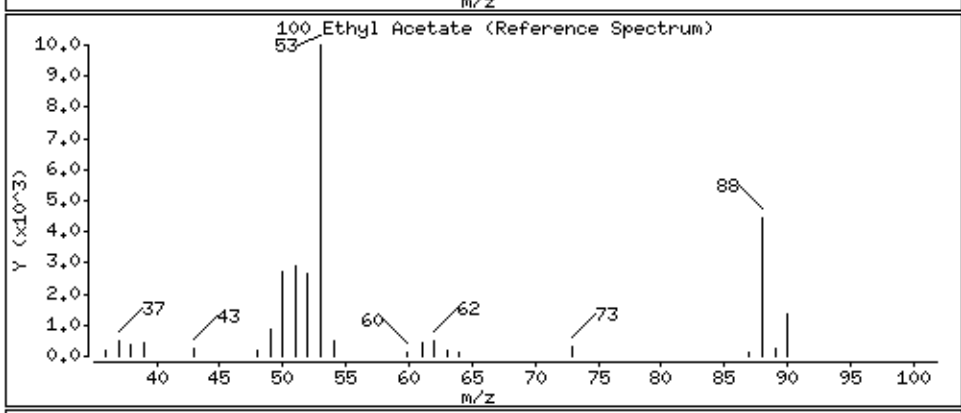
100 Ethyl Acetate

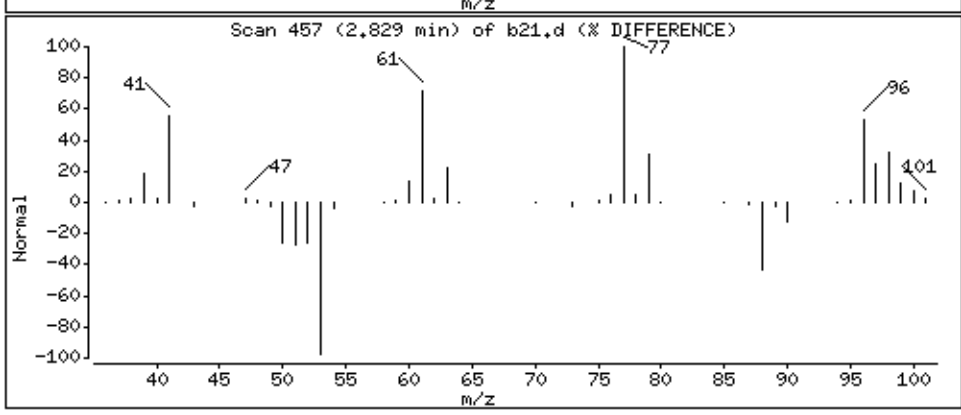
Concentration: 40.8 ppb

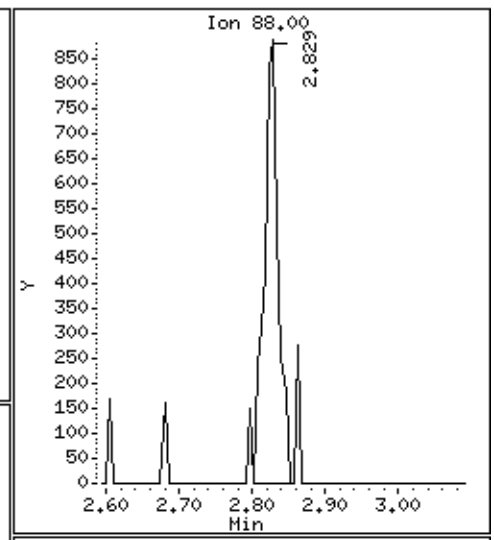
Review Code:

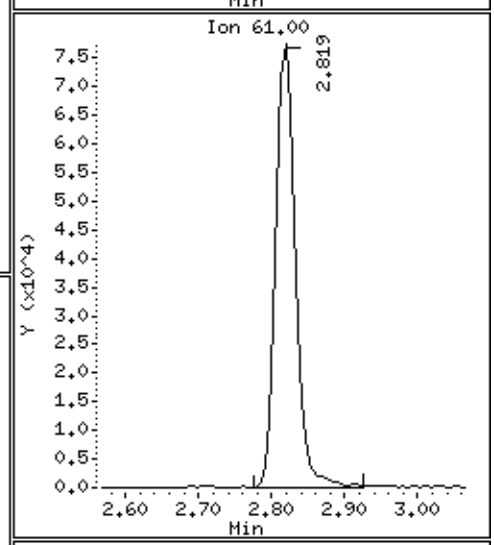


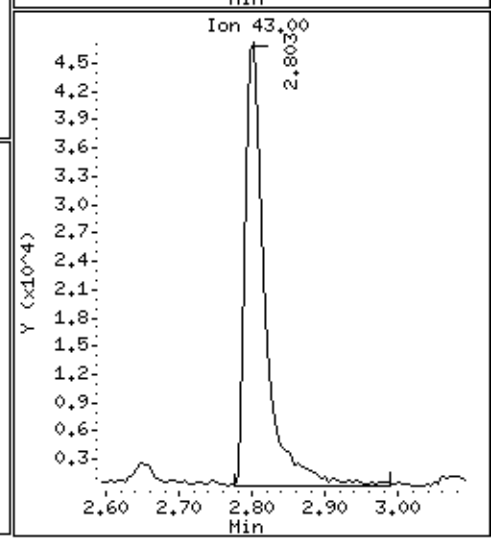












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b\b21.d

Date : 10-OCT-2017 22:32

Client ID: MW-0602-S1 (092717)

Instrument: 50mv3b.i

Sample Info: 1884801,159793:5

Purge Volume: 5.0

Operator: jlz

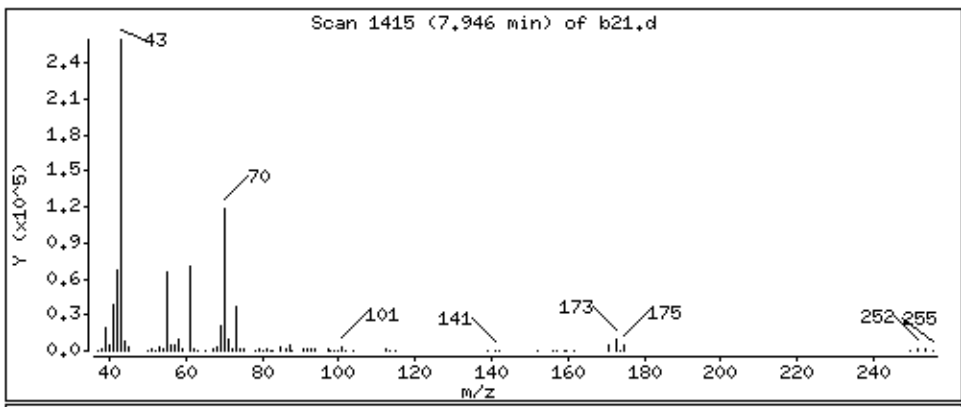
Column phase: DB-624

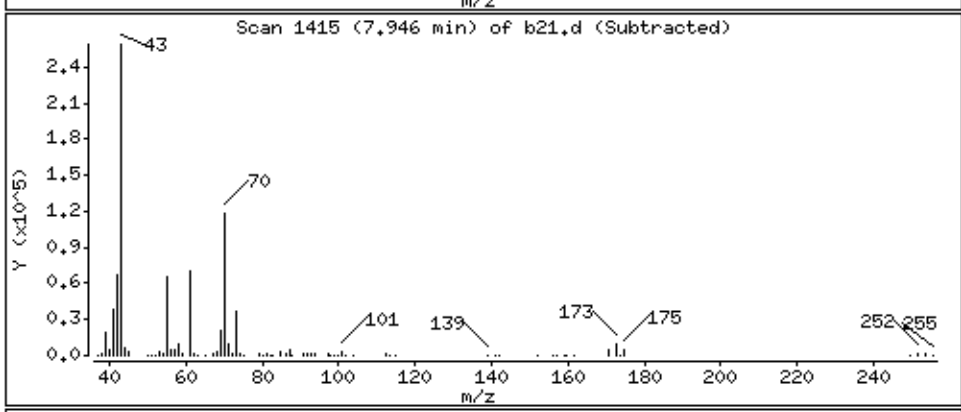
Column diameter: 0.18

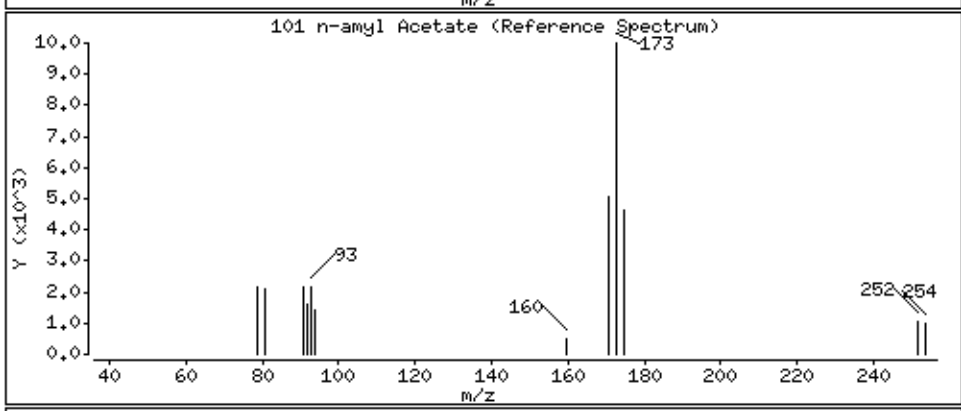
101 n-amyl Acetate

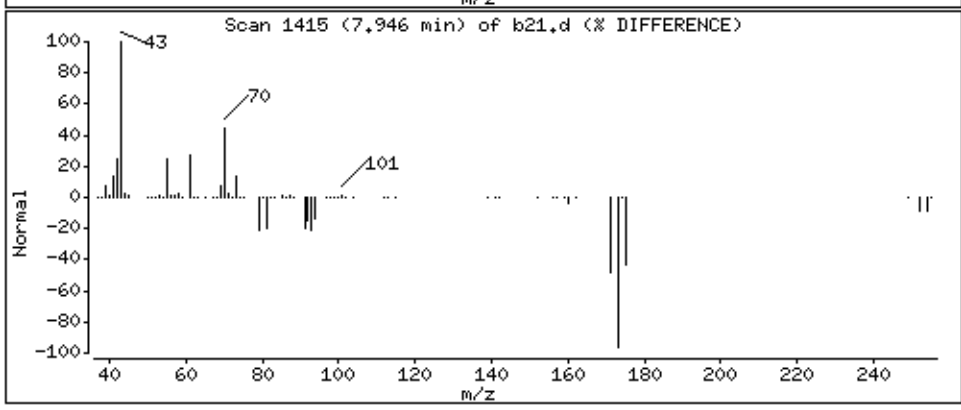
Concentration: 34.8 ppb

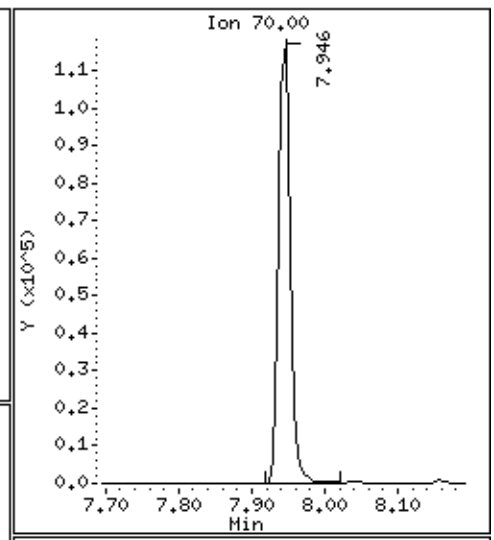
Review Code:

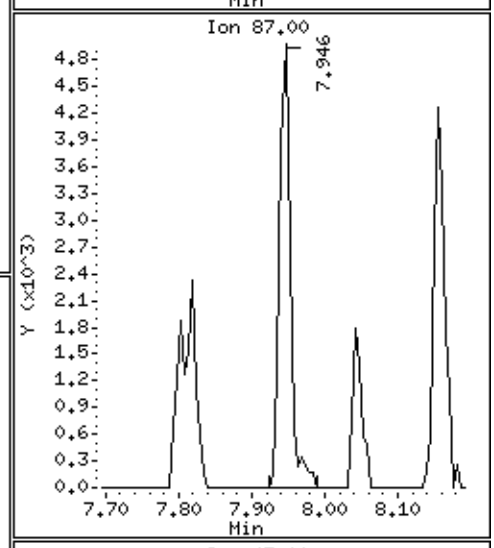


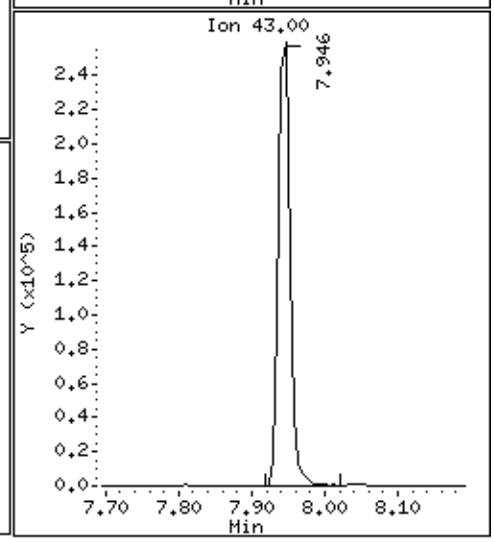












Data File: \\192.168.50.6\chem\50mv3b.i\b101017.b/b21.d
Injection Date: 10-OCT-2017 22:32
Instrument: 50mv3b.i
Lab Sample ID: 1884801
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium
Misc. Prep Info [L]:
ISTD lot:
Lot:
Tune std: _____

Method:
Surr. lot: 155876:5
Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
										Clean Source
1/a000bfb.d	8260-TUNE,156492	L/105903	BFB	1	7	-bfb/all	8/23/17	09:41	jlz	↑174
1/a001bfb.d	8260-TUNE,156492	L/105903	BFB	1	7	-bfb/all	8/23/17	10:53	jlz	↓176
1/a002bfb.d	8260-TUNE,156492	L/105903	BFB	1	7	-bfb/all	8/23/17	11:50	jlz	TUNE + CURVE
1/a01cal.d	8260-CAL1,156493	L/105903	CALIB_1	1	<2	-a8260_a_c/all	8/23/17	12:33	jlz	
1/a02cal.d	8260-CAL2,156494	L/105903	CALIB_2	1	<2	-a8260_a_c/all	8/23/17	13:05	jlz	
1/a03cal.d	8260-CAL3,156495	L/105903	CALIB_3	1	<2	-a8260_a_c/all	8/23/17	13:37	jlz	
1/a03calmqc.d	8260-CAL3,156495	L/105903	MQC	1	<2	-a8260_a_c/all	8/23/17	13:37	jlz	
1/a04cal.d	8260-CAL4,156496	L/105903	CALIB_4	1	<2	-a8260_a_c/all	8/23/17	14:09	jlz	
1/a05cal.d	8260-CAL5,156497	L/105903	CALIB_5	1	<2	-a8260_a_c/all	8/23/17	14:41	jlz	
1/a06cal.d	8260-CAL6,156498	L/105903	CALIB_6	1	<2	-a8260_a_c/all	8/23/17	15:13	jlz	
1/a07cal.d	8260-CAL7,156499	L/105903	CALIB_7	1	<2	-a8260_a_c/all	8/23/17	15:45	jlz	
1/a08cal.d	8260-CAL8,156500	L/105903	CALIB_8	1	<2	-a8260_a_c/all	8/23/17	16:17	jlz	
1/a09.d	blank	L/105903	SAMPLE	1	<2	-a8260_a_c/all	8/23/17	16:49	jlz	
1/a10icv.d	8260-ICV,156501:	L/105903	ICV	1	<2	-a8260_a_c/all	8/23/17	17:20	jlz	
1/c00bfb.d	8260-TUNE,156492	L/105903	BFB	1	7	-bfb/all	8/23/17	17:52	jlz	USE CCVIS BFB to save time
1/c01ccv-bfb.d	8260-TUNE,156492	L/105903	BFB	1	7	-bfb/all	8/23/17	18:24	jlz	
1/c01ccv.d	8260-CCV,156475:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	8/23/17	18:24	jlz	
1/c02lcsw.d	1853114,156104:5	L/105989	LCS	1	7	-a8260_a_c/all	8/23/17	18:56	jlz	
1/c03mbw.d	1853113	L/105989	BLANK	1	7	-a8260_a_c/all	8/23/17	19:28	jlz	
1/c04.d VSW	50178020001	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	20:00	jlz	HS
1/c05.d	50178020003	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	20:32	jlz	
1/c06.d	50178020004	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	21:04	jlz	HS
1/c07.d	50178020005	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	21:36	jlz	HS
1/c08.d	50178020006	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	22:08	jlz	
1/c09.d	50178020007	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	22:40	jlz	
1/c10.d	50178020008	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	23:11	jlz	HS
1/c11.d	50178020010	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/23/17	23:43	jlz	HS
1/c12.d	50178020011	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	00:15	jlz	
1/c13.d	50178020013	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	00:47	jlz	
1/c14.d	50178020014	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	01:19	jlz	
1/c15.d	50178020015	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	01:50	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a082317cal.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 12:14 08/24/2017

Reviewed By/Date: 8/24/17

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3a.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

ISTD lot: Surr. lot: 155876:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/c16.d	50178020002	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	02:22	jlz	↑MP
1/c17.d	50178020009	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	02:54	jlz	↑E,MP,N
1/c18.d	50178020012	L/105989	SAMPLE	1	<2	-a8260_a_c/ust	8/24/17	03:26	jlz	
1/c19.d	1853115,156104:5	L/105989	MS	1	<2	-a8260_a_c/ust	8/24/17	03:58	jlz	
1/c20.d	1853116,156104:5	L/105989	MSD	1	<2	-a8260_a_c/ust	8/24/17	04:30	jlz	
1/c21.d	50178020002x10	L/105989	SAMPLE	10	<2	-a8260_a_c/ust	8/24/17	05:02	jlz	MP ✓
1/c22.d	50178020009x10	L/105989	SAMPLE	10	<2	-a8260_a_c/ust	8/24/17	05:34	jlz	E,MP,N ✓
1/c23.d	50178020012x10	L/105989	SAMPLE	10	<2	-a8260_a_c/ust	8/24/17	06:06	jlz	OD.

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a082317cal.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 12:14 08/24/2017

Reviewed By/Date: _____ Page: 2 of 2

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3b.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
ISTD lot: — Surr. lot: 155876:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/b000bfb.d	8260-TUNE,156492	L/105904	BFB	1	7	-bfb/all	8/23/17	09:56	jlz	Clean Source
1/b001bfb.d	8260-TUNE,156492	L/105904	BFB	1	7	-bfb/all	8/23/17	11:09	jlz	Auto Tune
1/b002bfb.d	8260-TUNE,156492	L/105904	BFB	1	7	-bfb/all	8/23/17	12:06	jlz	BFB Tune
1/b01cal.d	8260-CAL1,156493	L/105904	CALIB_1	1	<2	-b8260_a_c/all	8/23/17	12:49	jlz	Curve
1/b02cal.d	8260-CAL2,156494	L/105904	CALIB_2	1	<2	-b8260_a_c/all	8/23/17	13:21	jlz	
1/b03cal.d	8260-CAL3,156495	L/105904	CALIB_3	1	<2	-b8260_a_c/all	8/23/17	13:53	jlz	
1/b03calmqc.d	8260-CAL3,156495	L/105904	MQC	1	<2	-b8260_a_c/all	8/23/17	13:53	jlz	
1/b04cal.d	8260-CAL4,156496	L/105904	CALIB_4	1	<2	-b8260_a_c/all	8/23/17	14:25	jlz	
1/b05cal.d	8260-CAL5,156497	L/105904	CALIB_5	1	<2	-b8260_a_c/all	8/23/17	14:57	jlz	
1/b06cal.d	8260-CAL6,156498	L/105904	CALIB_6	1	<2	-b8260_a_c/all	8/23/17	15:29	jlz	
1/b07cal.d	8260-CAL7,156499	L/105904	CALIB_7	1	<2	-b8260_a_c/all	8/23/17	16:01	jlz	
1/b08cal.d	8260-CAL8,156500	L/105904	CALIB_8	1	<2	-b8260_a_c/all	8/23/17	16:33	jlz	
1/b09.d	blank	L/105904	SAMPLE	1	<2	-b8260_a_c/all	8/23/17	17:04	jlz	
1/b10icv.d	8260-ICV,156501:	L/105904	ICV	1	<2	-b8260_a_c/all	8/23/17	17:36	jlz	
1/d00bfb.d	8260-TUNE,156492	L/105904	BFB	1	7	-bfb/all	8/23/17	18:08	jlz	use CCV BFB to save time
1/d01ccv-bfb.d	8260-TUNE,156492	L/105904	BFB	1	7	-bfb/all	8/23/17	18:40	jlz	
1/d01ccv.d	8260-CCV,156475:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	8/23/17	18:40	jlz	
1/d02lcsw.d	1853119,156104:5	L/105990	LCS	1	7	-b8260_a_c/all	8/23/17	19:12	jlz	
1/d03mbw.d	1853118	L/105990	BLANK	1	7	-b8260_a_c/all	8/23/17	19:44	jlz	
1/d04.d (DTL)	50178045001	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	20:16	jlz	
1/d05.d	50178020016	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	20:48	jlz	HS
1/d06.d	50178020017	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	21:20	jlz	HS
1/d07.d	50178020018	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	21:52	jlz	HS
1/d08.d	50178020019	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	22:24	jlz	
1/d09.d	50178020020	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	22:55	jlz	
1/d10.d	50178020021	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	23:27	jlz	
1/d11.d	50178020022	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/23/17	23:59	jlz	
1/d12.d	50178020024	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	00:31	jlz	
1/d13.d	50178020025	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	01:03	jlz	
1/d14.d	50178020026	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	01:34	jlz	
1/d15.d	50178020027	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	02:06	jlz	HS

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b082317cal.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 12:45 08/24/2017

Reviewed By/Date (8/24/17) Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3b.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

ISTD lot: Surr. lot: 155876:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/d16.d	50178020028	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	02:38	jlz	HB
1/d17.d	50178020029	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	03:10	jlz	HB
1/d18.d	50178020030	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	03:42	jlz	
1/d19.d	50178020032	L/105990	SAMPLE	1	<2	-b8260_a_c/ust	8/24/17	04:14	jlz	
1/d20.d	50178020031x10	L/105990	SAMPLE	10	<2	-b8260_a_c/ust	8/24/17	04:46	jlz	D4 ↑ T,MP,O ll 200X
1/d21.d	50178020023x10	L/105990	SAMPLE	10	<2	-b8260_a_c/ust	8/24/17	05:18	jlz	↓ ↓
1/d22.d	1853120,156104:5	L/105990	MS	1	<2	-b8260_a_c/ust	8/24/17	05:50	jlz	
1/d23.d	1853121,156104:5	L/105990	MSD	1	<2	-b8260_a_c/ust	8/24/17	06:22	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b082317cal.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 12:45 08/24/2017

Reviewed By/Date: 8.24.17

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3b.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: — Surr. lot: 158235:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/b00bfb.d	8260-TUNE,158236	L/105904	BFB	1	7	-bfb/all	10/05/17	11:32	jlz	
1/b01ccv.d	8260-CCV,159538:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/05/17	12:04	jlz	Hexane out
1/b02lcss-ccv.d	8260-CCV,159538:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/05/17	12:36	jlz	ICS As CCV
1/b02lcss.d	1882141,159793:5	S/107314	LCS	1		-b8260_a_c/all	10/05/17	12:36	jlz	Sand Lot: Sand 130579
1/b03mbs.d	1882140	S/107314	BLANK	1		-b8260_a_c/all	10/05/17	13:08	jlz	Sand Lot: Sand 130579
1/b04.d	50180537004~~x1.1~~	S/107~~275~~ 314	SAMPLE	~~1.1~~ 1		-b8260_a_c/all	10/05/17	13:39	jlz	BAtch all here 4.9%+
1/b05.d	50180863012x~~2.1~~	S/107~~171~~ 314	SAMPLE	~~1.1~~ 1		-b8260_a_c/all	10/05/17	14:11	jlz	BAtch all here 10.0%3
1/b06.d	50180922010	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	14:43	jlz	
1/b07.d	50180922012	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	15:15	jlz	50X
1/b08.d	50180922014	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	15:47	jlz	1.1X
1/b09.d	50180922015	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	16:18	jlz	1.1X
1/b10.d	50180922016	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	16:50	jlz	50X
1/b11.d	50180922018	S/107314	SAMPLE	1	<2	-b8260_a_c/all	10/05/17	17:22	jlz	1.1X
1/b12.d	50180922019	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	17:54	jlz	1.1X
1/b13.d	50180922022	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	18:26	jlz	50X
1/b14.d	50180922039	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	18:57	jlz	50X
1/b15.d	50180922027	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	19:29	jlz	1.1X
1/b16.d	50180922030	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	20:01	jlz	1.1X
1/b17.d	50180922031	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	20:33	jlz	
1/b18.d	50180922033	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	21:05	jlz	
1/b19.d	50180922037	S/107314	SAMPLE	1		-b8260_a_c/all	10/05/17	21:37	jlz	
1/d00bfb.d	8260-TUNE,158236	L/105904	BFB	1	7	-bfb/all	10/05/17	22:08	jlz	
1/d01ccv.d	8260-CCV,159538:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/05/17	22:40	jlz	VC out
1/d02lcsw-ccv.d	8260-CCV,159538:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/05/17	23:12	jlz	use ICS As CCV
1/d02lcsw.d	1882369,159793:5	L/107333	LCS	1	7	-b8260_a_c/all	10/05/17	23:12	jlz	
1/d03mbw.d	1882368	L/107333	BLANK	1	7	-b8260_a_c/all	10/05/17	23:44	jlz	
1/d04.d	50180760017x5	L/107333	SAMPLE	5	<2	-b8260_a_c/all	10/06/17	00:15	jlz	D4 25X
1/d05.d	50180760018	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	00:47	jlz	5X
1/d06.d	50180760019x20	L/107333	SAMPLE	20	<2	-b8260_a_c/all	10/06/17	01:19	jlz	D4 50X
1/d07.d	50180760020x20	L/107333	SAMPLE	20	<2	-b8260_a_c/all	10/06/17	01:51	jlz	D4 50X

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b100517.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 11:24 10/06/2017

Reviewed By/Date: 10/6/17 Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3b.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

Misc. Prep Info [S]: Sand 130579

ISTD lot: Surr. lot: 158235:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/d08.d W	50180760021	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	02:23	jlz	
1/d09.d	50180760022	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	02:55	jlz	
1/d10.d	50180760023	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	03:27	jlz	
1/d11.d	50180760024	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	03:59	jlz	
1/d12.d	1882370,159793:5	L/107333	MS	1	<2	-b8260_a_c/all	10/06/17	04:32	jlz	
1/d13.d	1882371,159793:5	L/107333	MSD	1	<2	-b8260_a_c/all	10/06/17	05:03	jlz	
1/d14.d	50180760025	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	05:35	jlz	
1/d15.d	50180760026	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	06:07	jlz	
1/d16.d	50180760027	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	06:40	jlz	
1/d17.d	50180760028	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	07:12	jlz	
1/d18.d	50180760029	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	07:44	jlz	
1/d19.d	50180760030	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	08:16	jlz	
1/d20.d	50180760031x5	L/107333	SAMPLE	5	<2	-b8260_a_c/all	10/06/17	08:48	jlz	D4
1/d21.d	5080760032	L/107333	SAMPLE	1	<2	-b8260_a_c/all	10/06/17	09:20	jlz	10K
1/d22.d	50180760033x5	L/107333	SAMPLE	5	<2	-b8260_a_c/all	10/06/17	09:52	jlz	D4 10K

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b100517.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 11:24 10/06/2017

Reviewed By/Date: 10/6/17

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
ISTD lot: — Surr. lot: 158235:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/a00bfb.d	8260-TUNE,158236	L/105903	BFB	1	7	-bfb/all	10/05/17	11:16	jlz	
1/a01ccv.d	8260-CCV,159538:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/05/17	11:48	jlz	
1/a02lcswn.d	1882139,159793:5	L/107313	LCS	1	7	-a8260_a_c/all	10/05/17	12:20	jlz	
1/a03mbwn.d	1882138	L/107313	BLANK	1	7	-a8260_a_c/all	10/05/17	12:52	jlz	
1/a04.d LON	50181272001	L/107313	SAMPLE	1	7	-a8260_a_c/all	10/05/17	13:24	jlz	pH ↓
1/a05.d	50181272002	L/107313	SAMPLE	1	7	-a8260_a_c/all	10/05/17	13:55	jlz	
1/a06.d	50181272003	L/107313	SAMPLE	1	<2	-a8260_a_c/all	10/05/17	14:27	jlz	
1/a07.d	50181272004	L/107313	SAMPLE	1	<2	-a8260_a_c/all	10/05/17	14:59	jlz	
1/a08.d	50181272005	L/107313	SAMPLE	1	<2	-a8260_a_c/all	10/05/17	15:31	jlz	
1/a09.d	50180985008x1.1	L/107217	SAMPLE	1.1	<2	-a8260_a_c/all	10/05/17	16:03	jlz	
1/a10.d	50181272003x50	L/107313	SAMPLE	50	<2	-a8260_a_c/all	10/05/17	16:34	jlz	
1/a11.d	50181272004x10	L/107313	SAMPLE	10	<2	-a8260_a_c/all	10/05/17	17:06	jlz	
1/a12.d	50181272005x50	L/107313	SAMPLE	50	<2	-a8260_a_c/all	10/05/17	17:38	jlz	
1/a13.d	50179994003x1.1	L/107217	SAMPLE	1.1	<2	-a8260_a_c/all	10/05/17	18:10	jlz	
1/a14.d	50179994004x1.1	L/107217	SAMPLE	1.1	<2	-a8260_a_c/all	10/05/17	18:42	jlz	
1/a15.d	50179994006x1.1	L/107217	SAMPLE	1.1	<2	-a8260_a_c/all	10/05/17	19:13	jlz	
1/a16.d	50179994007x1.1	L/107217	SAMPLE	1.1	<2	-a8260_a_c/all	10/05/17	19:45	jlz	
1/a17.d	50180985007x50	L/107217	SAMPLE	50	<2	-a8260_a_c/all	10/05/17	20:17	jlz	
1/a18.d	1882798,159793:5	L/107313	MS	1	<2	-a8260_a_c/all	10/05/17	20:49	jlz	
1/a19.d	1882799,159793:5	L/107313	MSD	1	<2	-a8260_a_c/all	10/05/17	21:21	jlz	
1/c00bfb.d	8260-TUNE,158236	L/105903	BFB	1	7	-bfb/all	10/05/17	21:53	jlz	
1/c01ccv.d	8260-CCV,159538:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/05/17	22:24	jlz	VC ok
1/c02lcsw-ccv.d	8260-CCV,159538:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/05/17	22:56	jlz	use LCS as CCV.
1/c02lcsw.d	1882364,159793:5	L/107332	LCS	1	7	-a8260_a_c/all	10/05/17	22:56	jlz	
1/c03mbw.d	1882363	L/107332	BLANK	1	7	-a8260_a_c/all	10/05/17	23:28	jlz	
1/c04.d W	50181398001	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	00:00	jlz	
1/c05.d	50181398002	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	00:32	jlz	
1/c06.d	50180760002	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	01:04	jlz	
1/c07.d	50180760003	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	01:36	jlz	
1/c08.d	50180760004	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	02:07	jlz	
1/c09.d	50180760005	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	02:39	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a100517.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:40 10/06/2017

Reviewed By/Date: 10/6/17

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium Method:
Misc. Prep Info [L]:
ISTD lot: Surr. lot: 158235:5
Lot:
Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/c10.d	50180760006	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	03:11	jlz	
1/c11.d	1882365,159793:5	L/107332	MS	1	<2	-a8260_a_c/all	10/06/17	03:44	jlz	
1/c12.d	1882365,159793:5	L/107332	MSD	1	<2	-a8260_a_c/all	10/06/17	04:16	jlz	
1/c13.d	50180760007	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	04:48	jlz	
1/c14.d	50180760008x5	L/107332	SAMPLE	5	<2	-a8260_a_c/all	10/06/17	05:20	jlz	
1/c15.d	50180760009x5	L/107332	SAMPLE	5	<2	-a8260_a_c/all	10/06/17	05:52	jlz	OD 1x
1/c16.d	50180760010x5	L/107332	SAMPLE	5	<2	-a8260_a_c/all	10/06/17	06:24	jlz	1x
1/c17.d	50180760011x100	L/107332	SAMPLE	100	<2	-a8260_a_c/all	10/06/17	06:56	jlz	
1/c18.d	50180760012	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	07:28	jlz	
1/c19.d	50180760013	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	08:00	jlz	
1/c20.d	50180760014	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	08:32	jlz	
1/c21.d	50180760001	L/107332	SAMPLE	1	<2	-a8260_a_c/all	10/06/17	09:04	jlz	
1/c22.d	50180786001x10	L/107332	SAMPLE	10	<2	-a8260_a_c/all	10/06/17	09:36	jlz	F1, HS, PH, C

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a100517.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:40 10/06/2017

Reviewed By/Date: 10-6-17 Page: 2 of 2

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: — Surr. lot: 158235:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/a00bfb.d	8260-TUNE,158236	L/105903	BFB	1	7	-bfb/all	10/09/17	10:16	jlz	
1/a01ccv.d	8260-CCV,160056:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/09/17	10:48	jlz	
1/a02lcsw.d	lcs,159793:5	L/	LCS	1	7	-a8260_a_c/all	10/09/17	11:19	jlz	
1/a03mbw.d	mb	L/	BLANK	1	7	-a8260_a_c/all	10/09/17	11:51	jlz	
1/a04lcss.d	1884271,159793:5	S/107411	LCS	1		-a8260_a_c/all	10/09/17	12:23	jlz	Sand Lot: Sand 130579
1/a05mbs.d	1884270	S/107411	BLANK	1		-a8260_a_c/all	10/09/17	12:55	jlz	Sand Lot: Sand 130579
1/a06lcsm.d	1884271,159793:5	S/107411	LCS	1		-a8260_a_c/all	10/09/17	13:27	jlz	Sand Lot: Sand 130579
1/a07mbm.d	1884270	S/107411	BLANK	1		-a8260_a_c/all	10/09/17	13:59	jlz	Sand Lot: Sand 130579
1/a08.d Soil	50181591001	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	14:31	jlz	
1/a09.d	50181591002	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	15:03	jlz	
1/a10.d	50181591003	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	15:35	jlz	
1/a11.d	50181591004	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	16:07	jlz	
1/a12.d	50181591005	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	16:39	jlz	
1/a13.d	50181591006	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	17:11	jlz	
1/a14.d	50181591007	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	17:43	jlz	
1/a15.d	50181591008	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	18:15	jlz	
1/a16.d	50180764001	S/107411	SAMPLE	1		-a8260_a_c/all	10/09/17	18:46	jlz	ACE (CL)
1/a17.d TC	50180922039x25	S/107314	SAMPLE	25		-a8260_a_c/all	10/09/17	19:18	jlz	
1/a18.d XL	50180760005x2	L/107332	SAMPLE	2	<2	-a8260_a_c/all	10/09/17	19:50	jlz	ND.
1/a19.d	50180760007x25	L/107332	SAMPLE	25	<2	-a8260_a_c/all	10/09/17	20:22	jlz	
1/a20.d	50180760008x50	L/107332	SAMPLE	50	<2	-a8260_a_c/all	10/09/17	20:54	jlz	
1/a21.d Soil	1884272,159793:5	S/107411	MS	1		-a8260_a_c/all	10/09/17	21:26	jlz	
1/a22.d	1884273,159793:5	S/107411	MSD	1		-a8260_a_c/all	10/09/17	21:58	jlz	
1/c00bfb.d	8260-TUNE,158236	L/105903	BFB	1	7	-bfb/all	10/09/17	22:29	jlz	
1/c01ccv.d	8260-CCV,160056:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/09/17	23:01	jlz	
1/c02lcsw.d	1884380,159793:5	L/107423	LCS	1	7	-a8260_a_c/all	10/09/17	23:33	jlz	
1/c03mbw.d	1884379	L/107423	BLANK	1	7	-a8260_a_c/all	10/10/17	00:05	jlz	
1/c04.d BSTW	50180848001	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	00:37	jlz	
1/c05.d	1884381,159793:5	L/107423	MS	1	<2	-a8260_a_c/ust	10/10/17	01:09	jlz	
1/c06.d	1884382,159793:5	L/107423	MSD	1	<2	-a8260_a_c/ust	10/10/17	01:41	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a100917.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:32 10/10/2017

Reviewed By/Date: 10-10-17 Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: Surr. lot: 158235:5
Lot:
Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/c07.d	50180848002	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	02:13	jlz	
1/c08.d	50180848003	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	02:45	jlz	
1/c09.d	50180848004	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	03:17	jlz	
1/c10.d	50180848005	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	03:49	jlz	
1/c11.d	50180848006	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	04:20	jlz	
1/c12.d	50180848007	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	04:52	jlz	
1/c13.d	50180848008	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	05:24	jlz	
1/c14.d	50180848009	L/107423	SAMPLE	1	<2	-a8260_a_c/ust	10/10/17	05:56	jlz	
1/c15.d	50180777001x10	L/107423	SAMPLE	10	<2	-a8260_a_c/ust	10/10/17	06:28	jlz	D3
1/c16.d	50180777001x100	L/107423	SAMPLE	100	<2	-a8260_a_c/ust	10/10/17	07:00	jlz	OD.
1/c17.d	50180760014x10	L/107332	SAMPLE	10	<2	-a8260_a_c/all	10/10/17	07:32	jlz	
1/c18.d	50180760015x25	L/107333	SAMPLE	25	<2	-a8260_a_c/all	10/10/17	08:04	jlz	
1/c19.d	50180760016x25	L/107333	SAMPLE	25	<2	-a8260_a_c/all	10/10/17	08:36	jlz	
1/c20.d	50180760017x50	L/107333	SAMPLE	50	<2	-a8260_a_c/all	10/10/17	09:08	jlz	
1/c21.d	50180760018x5	L/107333	SAMPLE	5	<2	-a8260_a_c/all	10/10/17	09:40	jlz	
1/c22.d	50181142013x10	L/107424	SAMPLE	10	<2	-a8260_a_c/ust	10/10/17	10:12	jlz	OD.

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a100917.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:32 10/10/2017

Reviewed By/Date: 10/10/17 Page: 2 of 2

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3b.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: — Surr. lot: 158235:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/b00bfb.d	8260-TUNE,158236	L/105904	BFB	1	7	-bfb/all	10/09/17	10:31	jlz	
1/b01ccv.d	8260-CCV,160056:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/09/17	11:03	jlz	
1/b02lcsw.d	lcs,159793:5	L/	LCS	1	7	-b8260_a_c/all	10/09/17	11:35	jlz	
1/b03mbw.d	mb	L/	BLANK	1	7	-b8260_a_c/all	10/09/17	12:07	jlz	
1/b04lcss.d	1884389,159793:5	S/107425	LCS	1		-b8260_a_c/all	10/09/17	12:39	jlz	Sand Lot: Sand 130579
1/b04lcssx.d	1884392,159793:5	S/107426	LCS	1		-b8260_a_c/all	10/09/17	12:39	jlz	Sand Lot: Sand 130579
1/b05mbs.d	1884388	S/107425	BLANK	1		-b8260_a_c/all	10/09/17	13:11	jlz	Sand Lot: Sand 130579
1/b05mbsx.d	1884391	S/107426	BLANK	1		-b8260_a_c/all	10/09/17	13:11	jlz	Sand Lot: Sand 130579
1/b06lcsm.d	lcs,159793:5	S/	LCS	1		-b8260_a_c/all	10/09/17	13:43	jlz	Sand Lot: Sand 130579
1/b07mbm.d	mb	S/	BLANK	1		-b8260_a_c/all	10/09/17	14:15	jlz	Sand Lot: Sand 130579
1/b08.d TC	50181161001x25	S/107425	SAMPLE	25		-b8260_a_c/all	10/09/17	14:47	jlz	D4
1/b09.d	50181161003x50	S/107425	SAMPLE	50		-b8260_a_c/all	10/09/17	15:19	jlz	
1/b10.d	50181161004x25	S/ ↓	SAMPLE	25		-b8260_a_c/all	10/09/17	15:51	jlz	100x
1/b11.d	50181161005x50	S/	SAMPLE	50		-b8260_a_c/all	10/09/17	16:23	jlz	
1/b12.d	50181161006x50	S/107425	SAMPLE	50		-b8260_a_c/all	10/09/17	16:55	jlz	
1/b13.d	50181249005x100	S/107425	SAMPLE	100		-b8260_a_c/all	10/09/17	17:27	jlz	↓ 1000x
1/b14.d	50181249001	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	17:59	jlz	
1/b15.d	50181249002	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	18:30	jlz	
1/b16.d	50181249003	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	19:02	jlz	
1/b17.d	50181249004	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	19:34	jlz	
1/b18.d	50181249006	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	20:06	jlz	
1/b19.d	50181249007	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	20:38	jlz	
1/b20.d	50181249008	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	21:10	jlz	
1/b21.d	50181249009	S/107425	SAMPLE	1		-b8260_a_c/all	10/09/17	21:42	jlz	
1/b22.d TCUST	50180857003	S/107426	SAMPLE	1		-b8260_a_c/ust	10/09/17	22:13	jlz	
1/d00bfb.d	8260-TUNE,158236	L/105904	BFB	1	7	-bfb/all	10/09/17	22:45	jlz	
1/d01ccv.d	8260-CCV,160056:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/09/17	23:17	jlz	
1/d02lcsw.d	1884384,159793:5	L/107424	LCS	1	7	-b8260_a_c/all	10/09/17	23:49	jlz	
1/d03mbw.d	1884383	L/107424	BLANK	1	7	-b8260_a_c/all	10/10/17	00:21	jlz	
1/d04.d USTL	50181142001	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	00:53	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b100917.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:57 10/10/2017

Reviewed By/Date: 10/10/17 Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3b.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

Misc. Prep Info [S]: Sand 130579

ISTD lot: Surr. lot: 158235:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/d05.d	50181142002	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	01:25	jlz	
1/d06.d	50181142003	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	01:57	jlz	
1/d07.d	50181142004	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	02:29	jlz	
1/d08.d	50181142005	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	03:01	jlz	
1/d09.d	50181142006	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	03:33	jlz	
1/d10.d	50181142007	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	04:04	jlz	
1/d11.d	50181142008	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	04:36	jlz	
1/d12.d	50181142009	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	05:08	jlz	
1/d13.d	50181142010	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	05:40	jlz	
1/d14.d	50181142011	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	06:12	jlz	
1/d15.d	1884385,159793:5	L/107424	MS	1	<2	-b8260_a_c/ust	10/10/17	06:44	jlz	
1/d16.d	1884386,159793:5	L/107424	MSD	1	<2	-b8260_a_c/ust	10/10/17	07:16	jlz	
1/d17.d	50181142012	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	07:48	jlz	RL10X
1/d18.d	50181142013	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	08:20	jlz	
1/d19.d	50181142014	L/107424	SAMPLE	1	<2	-b8260_a_c/ust	10/10/17	08:52	jlz	
1/d20.d	50181142003x10	L/107424	SAMPLE	10	<2	-b8260_a_c/ust	10/10/17	09:24	jlz	
1/d21.d	50181142006x10	L/107424	SAMPLE	10	<2	-b8260_a_c/ust	10/10/17	09:56	jlz	
1/d22.d	50181142012x10	L/107424	SAMPLE	10	<2	-b8260_a_c/ust	10/10/17	10:28	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b100917.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 10:58 10/10/2017

Reviewed By/Date: 10/10/17

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3b.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: — Surr. lot: 160229:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/b00bfb.d	8260-TUNE,160230	L/105904	BFB	1	7	-bfb/all	10/10/17	11:22	jlz	
1/b01ccv.d	8260-CCV,160056:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/10/17	11:54	jlz	
1/b02lcsw.d	1884799,159793:5	L/107443	LCS	1	7	-b8260_a_c/all	10/10/17	12:26	jlz	
1/b03mbw.d	1884798	L/107443	BLANK	1	7	-b8260_a_c/all	10/10/17	12:57	jlz	
1/b04.d W	50180760015	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	13:29	jlz	25X
1/b05.d	50180760034	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	14:01	jlz	
1/b06.d	50180760035	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	14:33	jlz	
1/b07.d	50180760036	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	15:05	jlz	
1/b08.d	50180760037	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	15:37	jlz	
1/b09.d	50180760038	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	16:09	jlz	
1/b10.d	50180760009	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	16:41	jlz	
1/b11.d	50180760010	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	17:13	jlz	
1/b12.d	50180760016	L/107443	SAMPLE	1	<2	-b8260_a_c/all	10/10/17	17:45	jlz	25X
1/b13.d	50180760019x200	L/107333	SAMPLE	200	<2	-b8260_a_c/all	10/10/17	18:17	jlz	
1/b14.d	50180760020x200	L/107333	SAMPLE	200	<2	-b8260_a_c/all	10/10/17	18:49	jlz	
1/b15.d	50180760032x25	L/107333	SAMPLE	25	<2	-b8260_a_c/all	10/10/17	19:21	jlz	
1/b16.d	50180760033x50	L/107333	SAMPLE	50	<2	-b8260_a_c/all	10/10/17	19:52	jlz	
1/b17.d	50180760035x5	L/107443	SAMPLE	5	<2	-b8260_a_c/all	10/10/17	20:24	jlz	
1/b18.d	50180760005x1.1	L/107332	SAMPLE	1.1	<2	-b8260_a_c/all	10/10/17	20:56	jlz	
1/b19.d	50180760034x5	L/107443	SAMPLE	5	<2	-b8260_a_c/all	10/10/17	21:28	jlz	OD.
1/b20.d	1884800,159793:5	L/107443	MS	1	<2	-b8260_a_c/all	10/10/17	22:00	jlz	
1/b21.d	1884801,159793:5	L/107443	MSD	1	<2	-b8260_a_c/all	10/10/17	22:32	jlz	
1/d00bfb.d	8260-TUNE,160230	L/105904	BFB	1	7	-bfb/all	10/10/17	23:04	jlz	
1/d01ccv.d	8260-CCV,160056:	L/105904	CCALIB_6	1	7	-b8260_a_c/all	10/10/17	23:36	jlz	fails 23 cmpds
1/d02lcss-ccv.d	8260-CCV,160056:	S/105904	CCALIB_6	1		-b8260_a_c/all	10/11/17	00:08	jlz	LCS is CCV
1/d02lcss.d	1885037,159793:5	S/107468	LCS	1		-b8260_a_c/all	10/11/17	00:08	jlz	Sand Lot: Sand 130579
1/d03mbs.d	1885036	S/107468	BLANK	1		-b8260_a_c/all	10/11/17	00:40	jlz	Sand Lot: Sand 130579
1/d04.d TC	50180904001	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	01:12	jlz	
1/d05.d	50180904002	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	01:44	jlz	
1/d06.d	50180904003	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	02:15	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b101017.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 13:10 10/11/2017

Reviewed By/Date: 10/11/17 Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3b.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

Misc. Prep Info [S]: Sand 130579

ISTD lot: Surr. lot: 160229:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/d07.d TC	50180904004	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	02:47	jlz	
1/d08.d	50180904005	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	03:19	jlz	
1/d09.d	50180904006	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	03:51	jlz	
1/d10.d	50180904007	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	04:23	jlz	
1/d11.d	50180904008	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	04:55	jlz	
1/d12.d	1885038,159793:5	S/107468	MS	1		-b8260_a_c/all	10/11/17	05:27	jlz	
1/d13.d	1885039,159793:5	S/107468	MSD	1		-b8260_a_c/all	10/11/17	05:59	jlz	
1/d14.d	50180904009	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	06:31	jlz	
1/d15.d	50180904023	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	07:03	jlz	
1/d16.d	50180840001	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	07:35	jlz	
1/d17.d	50180840002	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	08:07	jlz	
1/d18.d	50180840003	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	08:39	jlz	
1/d19.d	50180840004	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	09:11	jlz	
1/d20.d	50180840005	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	09:42	jlz	
1/d21.d	50180840006	S/107468	SAMPLE	1		-b8260_a_c/all	10/11/17	10:14	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3b.i\b101017.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 13:10 10/11/2017

Reviewed By/Date: 10/11/17

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: — Surr. lot: 160229:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/a00bfb.d	8260-TUNE,160230	L/105903	BFB	1	7	-bfb/all	10/10/17	11:06	jlz	
1/a01ccv.d	8260-CCV,160056:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/10/17	11:38	jlz	
1/a02lcss.d	1885024,159793:5	S/107465	LCS	1		-a8260_a_c/all	10/10/17	12:10	jlz	Sand Lot: Sand 130579
1/a03mbs.d	1885023	S/107465	BLANK	1		-a8260_a_c/all	10/10/17	12:42	jlz	Sand Lot: Sand 130579
1/a04lcsm.d	1885024,159793:5	S/107465	LCS	1		-a8260_a_c/all	10/10/17	13:13	jlz	Sand Lot: Sand 130579
1/a05mbm.d	1885023	S/107465	BLANK	1		-a8260_a_c/all	10/10/17	13:45	jlz	Sand Lot: Sand 130579
1/a06.d TC	50180749002x100	S/107372	SAMPLE	100		-a8260_a_c/all	10/10/17	14:17	jlz	ICE
1/a07.d	50180749003x100	S/107372	SAMPLE	100		-a8260_a_c/all	10/10/17	14:49	jlz	
1/a08.d	50180749004x100	S/107372	SAMPLE	100		-a8260_a_c/all	10/10/17	15:21	jlz	
1/a09.d	50180749006x100	S/107372	SAMPLE	100		-a8260_a_c/all	10/10/17	15:53	jlz	
1/a10.d	50180749007x100	S/107372	SAMPLE	100		-a8260_a_c/all	10/10/17	16:25	jlz	
1/a11.d	50180976010	S/107465	SAMPLE	1		-a8260_a_c/all	10/10/17	16:57	jlz	
b/a12.d	50181161004x100	S/107425	SAMPLE	100		-a8260_a_c/all	10/10/17	17:29	jlz	B
D/a13.d	50181249005x1000	S/107425	SAMPLE	1000		-a8260_a_c/all	10/10/17	18:01	jlz	TMPTMB 0
D/a14.d	50181249009x1.1	S/107425	SAMPLE	1.1		-a8260_a_c/all	10/10/17	18:33	jlz	ACE MD SRL
1/a15.d	50180749001x1.1	S/107372	SAMPLE	1.1		-a8260_a_c/all	10/10/17	19:05	jlz	ACE MD SRL
1/a16.d	50180749005x1.1	S/107372	SAMPLE	1.1		-a8260_a_c/all	10/10/17	19:37	jlz	ACE conf.
1/a17.d	50180990007x25	S/107465	SAMPLE	25		-a8260_a_c/all	10/10/17	20:08	jlz	OD 1x
1/a18.d	50180990011x25	S/107465	SAMPLE	25		-a8260_a_c/all	10/10/17	20:40	jlz	D4
1/a19.d	50180990015x50	S/107465	SAMPLE	50		-a8260_a_c/all	10/10/17	21:12	jlz	D4 500x
1/a20.d	50180990016x25	S/107465	SAMPLE	25		-a8260_a_c/all	10/10/17	21:44	jlz	D4
1/a21.d	50180990017x25	S/107465	SAMPLE	25		-a8260_a_c/all	10/10/17	22:16	jlz	D4
1/c00bfb.d	8260-TUNE,160230	L/105903	BFB	1	7	-bfb/all	10/10/17	22:48	jlz	
1/c01ccv.d	8260-CCV,160056:	L/105903	CCALIB_6	1	7	-a8260_a_c/all	10/10/17	23:20	jlz	
1/c02lcss.d	1885033,159793:5	S/107467	LCS	1		-a8260_a_c/all	10/10/17	23:52	jlz	Sand Lot: Sand 130579
1/c03mbs.d	1885032	S/107467	BLANK	1		-a8260_a_c/all	10/11/17	00:24	jlz	Sand Lot: Sand 130579
1/c04.d TC	50180953001	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	00:56	jlz	
1/c05.d	50180953002	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	01:28	jlz	
1/c06.d	50180953003	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	02:00	jlz	
1/c07.d	1885034,159793:5	S/107467	MS	1		-a8260_a_c/all	10/11/17	02:31	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a101017.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 13:09 10/11/2017

Reviewed By/Date: 10/11/17 Page: 1 of 2

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv3a.i
Column DB-624 20m X 0.18mm Helium Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]: Sand 130579
ISTD lot: Surr. lot: 160229:5
Lot:
Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/c08.d TC	1885035,159793:5	S/107467	MSD	1		-a8260_a_c/all	10/11/17	03:03	jlz	
1/c09.d	50180953004	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	03:35	jlz	
1/c10.d	50180976001	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	04:07	jlz	
1/c11.d	50180976002	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	04:39	jlz	
1/c12.d	50180976003	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	05:11	jlz	
1/c13.d	50180976004	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	05:43	jlz	
1/c14.d	50180976005	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	06:15	jlz	
1/c15.d	50180976006	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	06:47	jlz	
1/c16.d	50180976007	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	07:19	jlz	
1/c17.d	50180976008	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	07:51	jlz	
1/c18.d	50180976009	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	08:23	jlz	
1/c19.d	50180976010	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	08:55	jlz	
1/c20.d	50180976012	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	09:27	jlz	
1/c21.d	50180976013	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	09:59	jlz	
1/c22.d	50180976014	S/107467	SAMPLE	1		-a8260_a_c/all	10/11/17	10:30	jlz	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv3a.i\a101017.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 13:09 10/11/2017

Reviewed By/Date: 10-11-17 Page: 2 of 2

Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 50181834

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

October 19, 2017

Mr. Matt Griles
Arcadis U.S., Inc.
150 West Market Street
Suite 700
Indianapolis, IN 46204

RE: Project: Racer Kokomo
Pace Project No.: 50181834

Dear Mr. Griles:
Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kelly Jones
kelly.jones@pacelabs.com
(317)228-3100
Project Manager

Enclosures

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

CERTIFICATIONS

Project: Racer Kokomo
Pace Project No.: 50181834

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 003971
Indiana Certification #: C-49-06
Kansas/NELAP Certification #:E-10177
Kentucky UST Certification #: 80226
Kentucky WW Certification #:98019
Ohio VAP Certification #: CL-0065
Oklahoma Certification #: 2017-124
Texas Certification #: T104704355-17-11
West Virginia Certification #: 330
Wisconsin Certification #: 999788130
USDA Soil Permit #: P330-16-00257

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE SUMMARY

Project: Racer Kokomo
Pace Project No.: 50181834

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50181834001	**MW-0611-S1 (101117) LF**	Water	10/11/17 11:42	10/11/17 14:45
50181834002	**TB-1 (101117) -BC**	Water	10/11/17 08:00	10/11/17 14:45

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

SAMPLE ANALYTE COUNT

Project: Racer Kokomo
Pace Project No.: 50181834

Lab ID	Sample ID	Method	Analysts	Analytes Reported
50181834001	**MW-0611-S1 (101117) LF**	EPA 8260	CAP	51
50181834002	**TB-1 (101117) -BC**	EPA 8260	CAP	51

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: MW-0611-S1 (101117) LF **Lab ID: 50181834001** Collected: 10/11/17 11:42 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/18/17 14:10	67-64-1	
Benzene	ND	ug/L	5.0	1		10/18/17 14:10	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/18/17 14:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/18/17 14:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/18/17 14:10	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/18/17 14:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/18/17 14:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/18/17 14:10	75-00-3	L1
Chloroform	ND	ug/L	5.0	1		10/18/17 14:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/18/17 14:10	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/18/17 14:10	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/18/17 14:10	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/18/17 14:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/18/17 14:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/18/17 14:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/18/17 14:10	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/18/17 14:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/18/17 14:10	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/18/17 14:10	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/18/17 14:10	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/18/17 14:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/18/17 14:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/18/17 14:10	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/18/17 14:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/18/17 14:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/18/17 14:10	127-18-4	
Toluene	ND	ug/L	5.0	1		10/18/17 14:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/18/17 14:10	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/18/17 14:10	75-01-4	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: MW-0611-S1 (101117) LF **Lab ID: 50181834001** Collected: 10/11/17 11:42 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/18/17 14:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/18/17 14:10	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	84-113	1		10/18/17 14:10	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/18/17 14:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: TB-1 (101117) -BC **Lab ID: 50181834002** Collected: 10/11/17 08:00 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/18/17 14:45	67-64-1	
Benzene	ND	ug/L	5.0	1		10/18/17 14:45	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/18/17 14:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/18/17 14:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/18/17 14:45	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/18/17 14:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/18/17 14:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/18/17 14:45	75-00-3	L1
Chloroform	ND	ug/L	5.0	1		10/18/17 14:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/18/17 14:45	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/18/17 14:45	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/18/17 14:45	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/18/17 14:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/18/17 14:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/18/17 14:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/18/17 14:45	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/18/17 14:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/18/17 14:45	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/18/17 14:45	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/18/17 14:45	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/18/17 14:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/18/17 14:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/18/17 14:45	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/18/17 14:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/18/17 14:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/18/17 14:45	127-18-4	
Toluene	ND	ug/L	5.0	1		10/18/17 14:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/18/17 14:45	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/18/17 14:45	75-01-4	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: TB-1 (101117) -BC **Lab ID: 50181834002** Collected: 10/11/17 08:00 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/18/17 14:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	1		10/18/17 14:45	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	84-113	1		10/18/17 14:45	460-00-4	
Toluene-d8 (S)	102	%.	86-111	1		10/18/17 14:45	2037-26-5	

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QUALITY CONTROL DATA

Project: Racer Kokomo
Pace Project No.: 50181834

QC Batch: 410761 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 50181834001, 50181834002

METHOD BLANK: 1889977 Matrix: Water
Associated Lab Samples: 50181834001, 50181834002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	10/18/17 13:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	10/18/17 13:01	
1,1,2-Trichloroethane	ug/L	ND	5.0	10/18/17 13:01	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	10/18/17 13:01	
1,1-Dichloroethane	ug/L	ND	5.0	10/18/17 13:01	
1,1-Dichloroethene	ug/L	ND	5.0	10/18/17 13:01	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/18/17 13:01	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	10/18/17 13:01	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	10/18/17 13:01	
1,2-Dichlorobenzene	ug/L	ND	5.0	10/18/17 13:01	
1,2-Dichloroethane	ug/L	ND	5.0	10/18/17 13:01	
1,2-Dichloropropane	ug/L	ND	5.0	10/18/17 13:01	
1,3-Dichlorobenzene	ug/L	ND	5.0	10/18/17 13:01	
1,4-Dichlorobenzene	ug/L	ND	5.0	10/18/17 13:01	
2-Butanone (MEK)	ug/L	ND	25.0	10/18/17 13:01	
2-Hexanone	ug/L	ND	25.0	10/18/17 13:01	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	10/18/17 13:01	
Acetone	ug/L	ND	100	10/18/17 13:01	
Benzene	ug/L	ND	5.0	10/18/17 13:01	
Bromodichloromethane	ug/L	ND	5.0	10/18/17 13:01	
Bromoform	ug/L	ND	5.0	10/18/17 13:01	
Bromomethane	ug/L	ND	5.0	10/18/17 13:01	
Carbon disulfide	ug/L	ND	10.0	10/18/17 13:01	
Carbon tetrachloride	ug/L	ND	5.0	10/18/17 13:01	
Chlorobenzene	ug/L	ND	5.0	10/18/17 13:01	
Chloroethane	ug/L	ND	5.0	10/18/17 13:01	
Chloroform	ug/L	ND	5.0	10/18/17 13:01	
Chloromethane	ug/L	ND	5.0	10/18/17 13:01	
cis-1,2-Dichloroethene	ug/L	ND	5.0	10/18/17 13:01	
cis-1,3-Dichloropropene	ug/L	ND	5.0	10/18/17 13:01	
Cyclohexane	ug/L	ND	100	10/18/17 13:01	N2
Dibromochloromethane	ug/L	ND	5.0	10/18/17 13:01	
Dichlorodifluoromethane	ug/L	ND	5.0	10/18/17 13:01	
Ethylbenzene	ug/L	ND	5.0	10/18/17 13:01	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	10/18/17 13:01	
Methyl acetate	ug/L	ND	50.0	10/18/17 13:01	N2
Methyl-tert-butyl ether	ug/L	ND	4.0	10/18/17 13:01	
Methylcyclohexane	ug/L	ND	50.0	10/18/17 13:01	N2
Methylene Chloride	ug/L	ND	5.0	10/18/17 13:01	
Styrene	ug/L	ND	5.0	10/18/17 13:01	
Tetrachloroethene	ug/L	ND	5.0	10/18/17 13:01	

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QUALITY CONTROL DATA

Project: Racer Kokomo
Pace Project No.: 50181834

METHOD BLANK: 1889977 Matrix: Water
Associated Lab Samples: 50181834001, 50181834002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	5.0	10/18/17 13:01	
trans-1,2-Dichloroethene	ug/L	ND	5.0	10/18/17 13:01	
trans-1,3-Dichloropropene	ug/L	ND	5.0	10/18/17 13:01	
Trichloroethene	ug/L	ND	5.0	10/18/17 13:01	
Trichlorofluoromethane	ug/L	ND	5.0	10/18/17 13:01	
Vinyl chloride	ug/L	ND	2.0	10/18/17 13:01	
Xylene (Total)	ug/L	ND	10.0	10/18/17 13:01	
4-Bromofluorobenzene (S)	%.	99	84-113	10/18/17 13:01	
Dibromofluoromethane (S)	%.	99	86-116	10/18/17 13:01	
Toluene-d8 (S)	%.	101	86-111	10/18/17 13:01	

LABORATORY CONTROL SAMPLE: 1889978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.5	101	72-126	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	74-124	
1,1,2-Trichloroethane	ug/L	50	51.3	103	79-121	
1,1,2-Trichlorotrifluoroethane	ug/L	50	46.1	92	79-121	
1,1-Dichloroethane	ug/L	50	52.7	105	77-122	
1,1-Dichloroethene	ug/L	50	45.7	91	70-131	
1,2,4-Trichlorobenzene	ug/L	50	45.0	90	69-129	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	84	72-124	
1,2-Dibromoethane (EDB)	ug/L	50	52.1	104	81-123	
1,2-Dichlorobenzene	ug/L	50	50.8	102	77-118	
1,2-Dichloroethane	ug/L	50	47.8	96	72-119	
1,2-Dichloropropane	ug/L	50	52.1	104	78-125	
1,3-Dichlorobenzene	ug/L	50	52.6	105	74-120	
1,4-Dichlorobenzene	ug/L	50	50.9	102	72-118	
2-Butanone (MEK)	ug/L	250	282	113	61-150	
2-Hexanone	ug/L	250	285	114	67-141	
4-Methyl-2-pentanone (MIBK)	ug/L	250	263	105	71-131	
Acetone	ug/L	250	291	116	39-166	
Benzene	ug/L	50	50.0	100	79-120	
Bromodichloromethane	ug/L	50	50.8	102	76-125	
Bromoform	ug/L	50	48.6	97	69-119	
Bromomethane	ug/L	50	46.4	93	27-161	
Carbon disulfide	ug/L	50	49.3	99	60-130	
Carbon tetrachloride	ug/L	50	48.0	96	74-132	
Chlorobenzene	ug/L	50	48.9	98	77-116	
Chloroethane	ug/L	50	69.4	139	51-132	L1
Chloroform	ug/L	50	47.0	94	76-118	
Chloromethane	ug/L	50	50.6	101	46-126	
cis-1,2-Dichloroethene	ug/L	50	46.9	94	74-126	
cis-1,3-Dichloropropene	ug/L	50	55.3	111	78-125	

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QUALITY CONTROL DATA

Project: Racer Kokomo
Pace Project No.: 50181834

LABORATORY CONTROL SAMPLE: 1889978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyclohexane	ug/L	50	56.2J	112	72-126	N2
Dibromochloromethane	ug/L	50	52.2	104	80-123	
Dichlorodifluoromethane	ug/L	50	40.3	81	42-152	
Ethylbenzene	ug/L	50	54.6	109	80-123	
Isopropylbenzene (Cumene)	ug/L	50	53.0	106	80-122	
Methyl acetate	ug/L	50	162	323	33-194	L1,N2
Methyl-tert-butyl ether	ug/L	50	41.5	83	63-131	
Methylcyclohexane	ug/L	50	52.5	105	80-124	N2
Methylene Chloride	ug/L	50	44.5	89	62-126	
Styrene	ug/L	50	56.9	114	81-125	
Tetrachloroethene	ug/L	50	48.6	97	74-119	
Toluene	ug/L	50	52.6	105	77-117	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	74-128	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	75-132	
Trichloroethene	ug/L	50	47.7	95	75-119	
Trichlorofluoromethane	ug/L	50	48.0	96	57-152	
Vinyl chloride	ug/L	50	50.6	101	62-137	
Xylene (Total)	ug/L	150	159	106	79-121	
4-Bromofluorobenzene (S)	%.			100	84-113	
Dibromofluoromethane (S)	%.			95	86-116	
Toluene-d8 (S)	%.			103	86-111	

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(317)228-3100

QUALIFIERS

Project: Racer Kokomo
Pace Project No.: 50181834

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
N2	The lab does not hold NELAC/TNI accreditation for this parameter.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Racer Kokomo
Pace Project No.: 50181834

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50181834001	**MW-0611-S1 (101117) LF**	EPA 8260	410761		
50181834002	**TB-1 (101117) -BC**	EPA 8260	410761		

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CHAIN-OF-CUSTODY / Analytical Request Document

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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2174458

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Arcadis	Report To: Sarah Jenker	Attention:
Address: 150 W. Market St, Ste. 728 Indianapolis, IN 46204	Copy To: Matt Griles	Company Name:
		Address:
Email To: sarah.jenker@arcadis.com	Purchase Order No.: IN000884.2017.00006	Pace Quote Reference:
Phone: (317) 231-6500 Fax: (317) 231-6514	Project Name: Racer Rokomo	Pace Project Manager:
Requested Due Date/TAT:	Project Number: IN000884.2017.00006	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information / SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓: VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-06H-SI(101117)LF		WG	G			10/11/17	1142		3				X						X		001
2	TB-1(101117)-BC		WG	G			↓	—		3				X						X		002
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10/11/17	1445		10/11/17	1445	0.8	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Brian Lesky
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/11/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt

Pace Analytical

Project # 50181834

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer 1 2 3 4 5 6 A B C D E F **Type of Ice:** Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 08/08 **Ice Visible in Sample Containers:** ☐ Yes ☑ No

(Initial/Corrected) Temp should be above freezing to 6°C **If Over 6°C, Was PM Notified?** ☐ Yes ☐ No ☑ N/A

Date/Time and Initials of person examining contents: 10/11/17 1450 HP		**Comments**
Are samples from West Virginia? ☐Yes ☑No Document any containers out of temp.		1.
USDA Regulated Soils? (ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, and Puerto Rico) ☐Yes ☑No		
Chain of Custody Present: ☑Yes ☐No		2.
Chain of Custody Filled Out: ☑Yes ☐No		3.
Short Hold Time Analysis (<72hr): ☐Yes ☑No		4. **Date/Time 5035A T/C placed in Freezer:** _____ **Short Holds Taken to Lab:** _____
Rush Turn Around Time Requested: ☐Yes ☑No		5.
Containers Intact: ☑Yes ☐No		6.
Sample Labels match COC: ☑Yes ☐No ☐N/A -Includes date/time/ID/Analysis - Except for TerreCores, which may only be on the bag or block.		7.
All containers needing acid/base pres. have been checked? ☐Yes ☐No ☑N/A **exceptions: VOA, coliform, LLHg, O&G, and any container with a septum cap or preserved with HCl.** All containers needing preservation are found to be in compliance with EPA recommendation (<2, >9, >12) unless otherwise noted.		8 (Circle) HNO3 H2SO4 NaOH NaOH/ZnAc
Residual Chlorine Check (SVOC 625 Pest/PCB 608)		9. Present Absent
Residual Chlorine Check (Total/Amenable/Free Cyanide)		10. Present Absent
Headspace in VOA Vials (>6mm): ☐Yes ☑No ☐N/A		11
Headspace Wisconsin Sulfide ☐Yes ☐No ☑N/A		12
Trip Blank Present: ☑Yes ☐No Custody Seals ☑Yes ☐No		13

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

Sample Container Count

CLIENT: Arcadis

COC PAGE 1 of 1
COC ID# 2174458

Project # 50181834

Sample Line Item	DG9H	VG9H	AG0U	AG1H	AG1U	AG2U	AG3S	WGFU	SP5T	BP1U	BP2N	BP2S	BP2U	BP3B	BP3N	BP3S	BP3U	SBS Bulk Kit R				Matrix SI/Wt/NAL (Soil/Water/Non-Aqueous Liquid)	pH <2	pH >9	pH>12
1	3																					Wt			
2	3																					Wt			
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Container Codes

Glass

DG9B	40mL Na Bisulfate amber vial	AG0U	100mL unpreserved amber glass
DG9H	40mL HCL amber voa vial	AG1H	1 liter HCL amber glass
DG9M	40mL MeOH clear vial	AG1S	1 liter H2SO4 amber glass
DG9P	40mL TSP amber vial	AG1T	1 liter Na Thiosulfate amber glass
DG9S	40mL H2SO4 amber vial	AG1U	1liter unpreserved amber glass
DG9T	40mL Na Thio amber vial	AG2N	500mL HNO3 amber glass
DG9U	40mL unpreserved **amber** vial	AG2S	500mL H2SO4 amber glass
VG9H	40mL HCL clear vial	AG2U	500mL unpreserved amber glass
VG9T	40mL Na Thio. clear vial	AG3S	250mL H2SO4 glass amber
VG9U	40mL unpreserved **clear** vial	AG3U	250mL unpreserved amber glass
VGFX	40mL w/hexane wipe vial	BG1H	1 liter HCL clear glass
VSG	Headspace septa vial & HCL	BG1S	1 liter H2SO4 clear glass
WGAU	8oz unpreserved clear jar	BG1T	1 liter Na Thiosulfate clear glass
WGFU	4oz clear soil jar	BG1U	1 liter unpreserved glass
JGFU	4oz unpreserved amber wide	BG3H	250mL HCl Clear Glass
		BG3U	250mL Unpreserved Clear Glass

Plastic / Misc.

BP1A	1 liter NaOH, Asc Acid plastic
BP1N	1 liter HNO3 plastic
BP1S	1 liter H2SO4 plastic
BP1U	1 liter unpreserved plastic
BP1Z	1 liter NaOH, Zn, Ac
BP2A	500mL NaOH, Asc Acid plastic
BP2N	500mL HNO3 plastic
BP2O	500mL NaOH plastic
BP2S	500mL H2SO4 plastic
BP2U	500mL unpreserved plastic
BP2Z	500mL NaOH, Zn Ac
BP3B	250mL NaOH plastic
BP3N	250mL HNO3 plastic
BP3S	250mL H2SO4 plastic
BP3U	250mL unpreserved plastic
BP3Z	250mL NaOH, Zn Ac plastic

AF	Air Filter
C	Air Cassettes
R	Terra core kit
SP5T	120mL Coliform Na Thiosulfate
U	Summa Can
ZPLC	Ziploc Bag

F-IN-Q-270-rev.10,31Aug2017

MSV - FORM II VOA-1
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - Indiana SDG No.: 50181834 Contract: Racer Kokomo

Instrument ID: 50MV4A

LAB SAMPLE ID	SAMPLE NAME	BFB	DIBF	TOL8
1889977	1889977BLANK	99	99	101
1889978	1889978LCS	100	95	103
50181834001	MW-0611-S1 (101117) LF	97	97	98
50181834002	TB-1 (101117) -BC	99	100	102

	QC LIMITS
(BFB) = 4-Bromofluorobenzene (S)	(84-113)
(DIBF) = Dibromofluoromethane (S)	(86-116)
(TOL8) = Toluene-d8 (S)	(86-111)

* Values outside of QC Limits

MSV - FORM III VOA-1

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1889978LCS
Date Extracted: 10/18/2017
Date Analyzed (1): 10/18/2017
Instrument: 50MV4A
LCS Lot No: 160252
Lab File ID: A101817.B\A02LCS.D
SDG No.: 50181834

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	250	291	116	39-166
Benzene	50.0	50.0	100	79-120
Bromodichloromethane	50.0	50.8	102	76-125
Bromoform	50.0	48.6	97	69-119
Bromomethane	50.0	46.4	118	27-161
2-Butanone (MEK)	250	282	113	61-150
Carbon disulfide	50.0	49.3	99	60-130
Carbon tetrachloride	50.0	48.0	96	74-132
Chlorobenzene	50.0	48.9	98	77-116
Chloroethane	50.0	69.4	139	51-132
Chloroform	50.0	47.0	94	76-118
Chloromethane	50.0	50.6	101	46-126
Cyclohexane	50.0	56.2J	112	72-126
1,2-Dibromo-3-chloropropane	50.0	42.1	84	72-124
Dibromochloromethane	50.0	52.2	104	80-123
1,2-Dibromoethane (EDB)	50.0	52.1	104	81-123
1,2-Dichlorobenzene	50.0	50.8	102	77-118
1,3-Dichlorobenzene	50.0	52.6	105	74-120
1,4-Dichlorobenzene	50.0	50.9	102	72-118
Dichlorodifluoromethane	50.0	40.3	81	42-152
1,1-Dichloroethane	50.0	52.7	105	77-122
1,2-Dichloroethane	50.0	47.8	96	72-119
1,1-Dichloroethene	50.0	45.7	91	70-131
cis-1,2-Dichloroethene	50.0	46.9	94	74-126
trans-1,2-Dichloroethene	50.0	48.7	97	74-128
1,2-Dichloropropane	50.0	52.1	104	78-125
cis-1,3-Dichloropropene	50.0	55.3	111	78-125
trans-1,3-Dichloropropene	50.0	55.0	110	75-132
Ethylbenzene	50.0	54.6	109	80-123
2-Hexanone	250	285	114	67-141
Isopropylbenzene (Cumene)	50.0	53.0	106	80-122
Methyl acetate	50.0	162	323	33-194
Methylcyclohexane	50.0	52.5	105	80-124
Methylene Chloride	50.0	44.5	89	62-126
4-Methyl-2-pentanone (MIBK)	250	263	105	71-131
Methyl-tert-butyl ether	50.0	41.5	83	63-131
Styrene	50.0	56.9	114	81-125
1,1,2,2-Tetrachloroethane	50.0	48.4	97	74-124
Tetrachloroethene	50.0	48.6	97	74-119
Toluene	50.0	52.6	105	77-117
1,2,4-Trichlorobenzene	50.0	45.0	90	69-129
1,1,1-Trichloroethane	50.0	50.5	101	72-126
1,1,2-Trichloroethane	50.0	51.3	103	79-121
Trichloroethene	50.0	47.7	95	75-119
Trichlorofluoromethane	50.0	48.0	96	57-152
1,1,2-Trichlorotrifluoroethane	50.0	46.1	92	79-121
Vinyl chloride	50.0	50.6	101	62-137

MSV - FORM III VOA-2

WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - Indiana
Lab Sample ID: 1889978LCS
Date Extracted: 10/18/2017
Date Analyzed (1): 10/18/2017
Instrument: 50MV4A
LCS Lot No: 160252
Lab File ID: A101817.B\A02LCS.D
SDG No.: 50181834

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Xylene (Total)	150	159	106	79-121

Spike Recovery: 2 out of 48 outside limits.

SAMPLE NO.

1889977BLANK

MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50181834 Contract: Racer Kokomo

Instrument ID: 50MV4A Matrix: Water Lab Sample ID: 1889977

Lab File ID: A101817.B\A03MB.D Date Analyzed: 10/18/2017 Time: 13:01

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
1889978LCS	1889978	A101817.B\A02LCS.D	10/18/2017 12:26
MW-0611-S1 (101117) LF	50181834001	A101817.B\A05.D	10/18/2017 14:10
TB-1 (101117) -BC	50181834002	A101817.B\A06.D	10/18/2017 14:45

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50181834 Contract: Racer Kokomo
Lab File ID: A101117CAL.B\A00BFB.D BFB Injection Date: 10/11/2017
Instrument ID: 50MV4A BFB Injection Time: 17:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	16.18	
75	30.00 - 60.00% of mass 95	43.80	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	5.91	
173	Less than 2.00% of mass 174	0.00	
174	50.00 - 100.00% of mass 95	81.64	
175	5.00 - 9.00% of mass 174	5.96	(7.30)[1]
176	95.00 - 101.00% of mass 174	80.33	(98.39)[1]
177	5.00 - 9.00% of mass 176	5.00	(6.23)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12137134CAL1	12137134CAL1	A101117CAL.B\A01.D	10/11/2017	18:00
12137127CAL2	12137127CAL2	A101117CAL.B\A02.D	10/11/2017	18:35
12137130CAL3	12137130CAL3	A101117CAL.B\A03.D	10/11/2017	19:10
12137133CAL4	12137133CAL4	A101117CAL.B\A04.D	10/11/2017	19:44
12137137CAL5	12137137CAL5	A101117CAL.B\A05.D	10/11/2017	20:19
12137128CAL6	12137128CAL6	A101117CAL.B\A06.D	10/11/2017	20:54
12137132CAL7	12137132CAL7	A101117CAL.B\A07.D	10/11/2017	21:29
12137135CAL8	12137135CAL8	A101117CAL.B\A08.D	10/11/2017	22:04
12137129ICV	12137129ICV	A101117CAL.B\A10ICV.D	10/11/2017	23:13

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - Indiana SDG No.: 50181834 Contract: Racer Kokomo
Lab File ID: A101817.B\A00BFB.D BFB Injection Date: 10/18/2017
Instrument ID: 50MV4A BFB Injection Time: 11:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.00 - 40.00% of mass 95	16.44	
75	30.00 - 60.00% of mass 95	46.93	
95	Base Peak, 100.00% relative abundance	100.00	
96	5.00 - 9.00% of mass 95	6.89	
173	Less than 2.00% of mass 174	0.66	(0.80)[1]
174	50.00 - 100.00% of mass 95	81.56	
175	5.00 - 9.00% of mass 174	6.53	(8.01)[1]
176	95.00 - 101.00% of mass 174	79.69	(97.71)[1]
177	5.00 - 9.00% of mass 176	5.33	(6.69)[2]

1 - Value is % mass 174 2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
12165311CCV	12165311CCV	A101817.B\A01CCV.D	10/18/2017	11:51
1889978LCS	1889978LCS	A101817.B\A02LCS.D	10/18/2017	12:26
1889977BLANK	1889977BLANK	A101817.B\A03MB.D	10/18/2017	13:01
MW-0611-S1 (101117) LF	50181834001	A101817.B\A05.D	10/18/2017	14:10
TB-1 (101117) -BC	50181834002	A101817.B\A06.D	10/18/2017	14:45

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - Indiana SDG No.: 50181834 Contract: Racer Kokomo

Sample ID : 12165311CCV Date Analyzed: 10/18/2017

Instrument ID: 50MV4A GC Column: Col 1 Time Analyzed: 11:51

Lab File ID: A101817.B\A01CCV.D

		AREA CBZ	RT	AREA DCB	RT	AREA FBZ	RT
12 HOUR STD		70787	8.039	38230	9.439	87322	5.451
UPPER LIMIT		141574	8.539	76460	9.939	174644	5.951
LOWER LIMIT		35393.5	7.539	19115	8.939	43661	4.951
LAB SAMPLE ID	SAMPLE NO.						
1889977	1889977BLANK	69863	8.039	35645	9.439	88101	5.451
1889978	1889978LCS	72093	8.039	38991	9.433	88936	5.451
50181834001	MW-0611-S1 (101117) LF	70610	8.039	35625	9.439	85591	5.451
50181834002	TB-1 (101117) -BC	70236	8.039	35901	9.439	85808	5.451

CBZ = Chlorobenzene-D5 (IS)
DCB = 1,4-Dichlorobenzene-d4 (IS)
FBZ = Fluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
AREA LOWER LIMIT = 50% of Internal Standard Area
RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
RT LOWER LIMIT = -0.50 minutes of Internal Standard RT
* Values outside of QC Limits

SAMPLE NO.

MW-0611-S1 (101117) LF

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: 10/11/2017 14:45 Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 14:10 Lab Sample ID: 50181834001

Date Analyzed: 10/18/2017 14:10 Lab File ID: A101817.B\A05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MW-0611-S1 (101117) LF

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: 10/11/2017 14:45 Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 14:10 Lab Sample ID: 50181834001

Date Analyzed: 10/18/2017 14:10 Lab File ID: A101817.B\A05.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101817.b\a05.d
Lab Smp Id: 50181834001 Client Smp ID: 50181834001
Inj Date : 18-OCT-2017 14:10
Operator : cap Inst ID: 50mv4a.i
Smp Info : 50181834001
Misc Info : 107706
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101817.b\-a8260_a_c.m
Meth Date : 19-Oct-2017 10:59 50mv4a.i Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

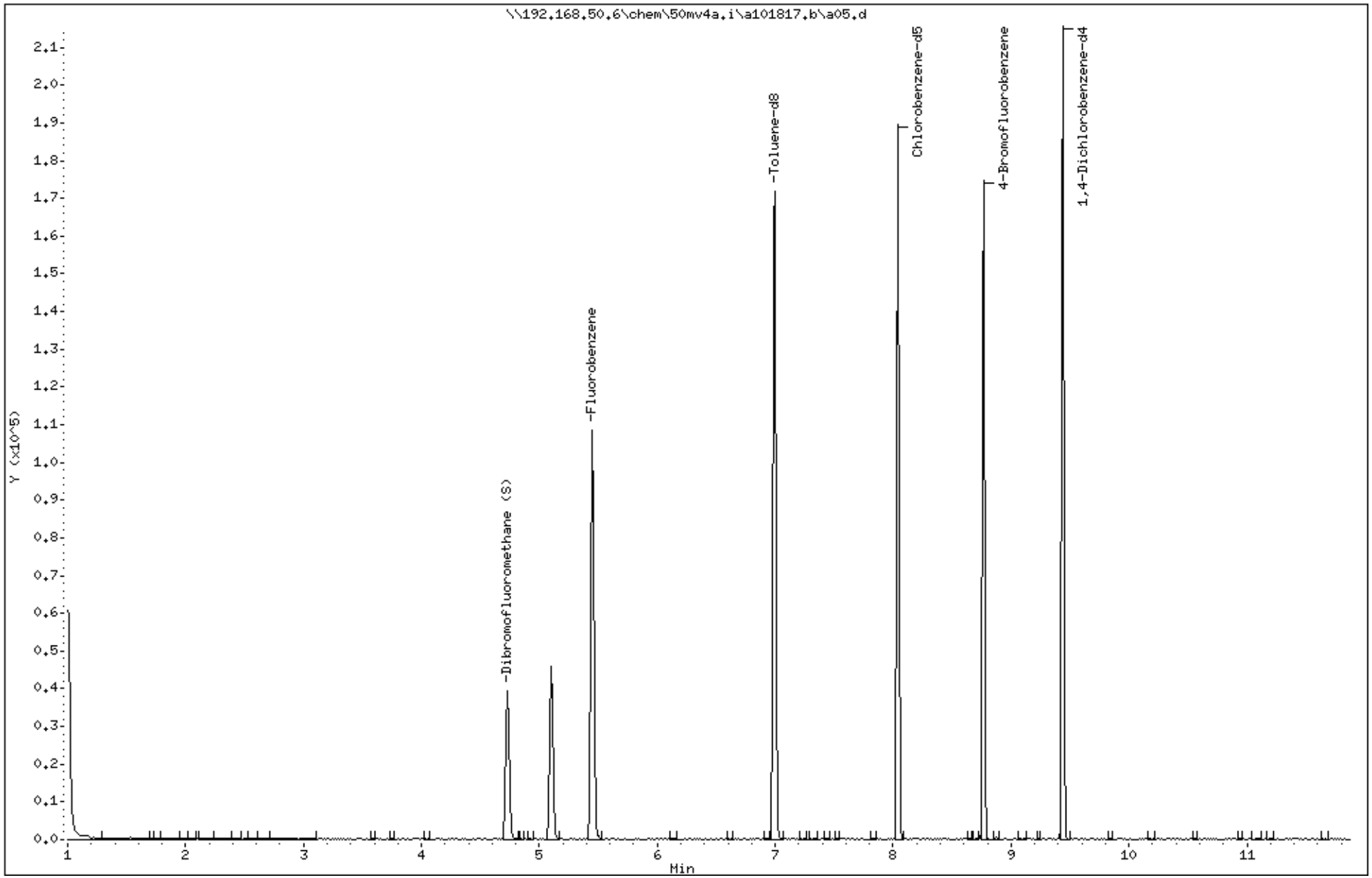
Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ppb)	REVIEW C
$ 38 Dibromofluoromethane (S)	113	4.727	4.727	(0.867)	24696	48.6400	48.6	
* 47 Fluorobenzene	96	5.451	5.451	(1.000)	85591	50.0000		
$ 58 Toluene-d8	98	6.998	6.992	(0.870)	88095	49.0953	49.1	
* 68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	70610	50.0000		
$ 77 4-Bromofluorobenzene	95	8.768	8.768	(1.091)	34290	48.7134	48.7	
* 91 1,4-Dichlorobenzene-d4	152	9.439	9.444	(1.000)	35625	50.0000		

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a05.d
Date : 18-OCT-2017 14:10
Client ID: 50181834001
Sample Info: 50181834001
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv4a.i
Operator: cap
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a05.d
Injection Date: 18-OCT-2017 14:10
Instrument: 50mv4a.i
Lab Sample ID: 50181834001
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB-1 (101117) -BC

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: 10/11/2017 14:45 Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 14:45 Lab Sample ID: 50181834002

Date Analyzed: 10/18/2017 14:45 Lab File ID: A101817.B\A06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB-1 (101117) -BC

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: 10/11/2017 14:45 Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 14:45 Lab Sample ID: 50181834002

Date Analyzed: 10/18/2017 14:45 Lab File ID: A101817.B\A06.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101817.b\a06.d
Lab Smp Id: 50181834002 Client Smp ID: 50181834002
Inj Date : 18-OCT-2017 14:45
Operator : cap Inst ID: 50mv4a.i
Smp Info : 50181834002
Misc Info : 107706
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101817.b\-a8260_a_c.m
Meth Date : 19-Oct-2017 10:59 50mv4a.i Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

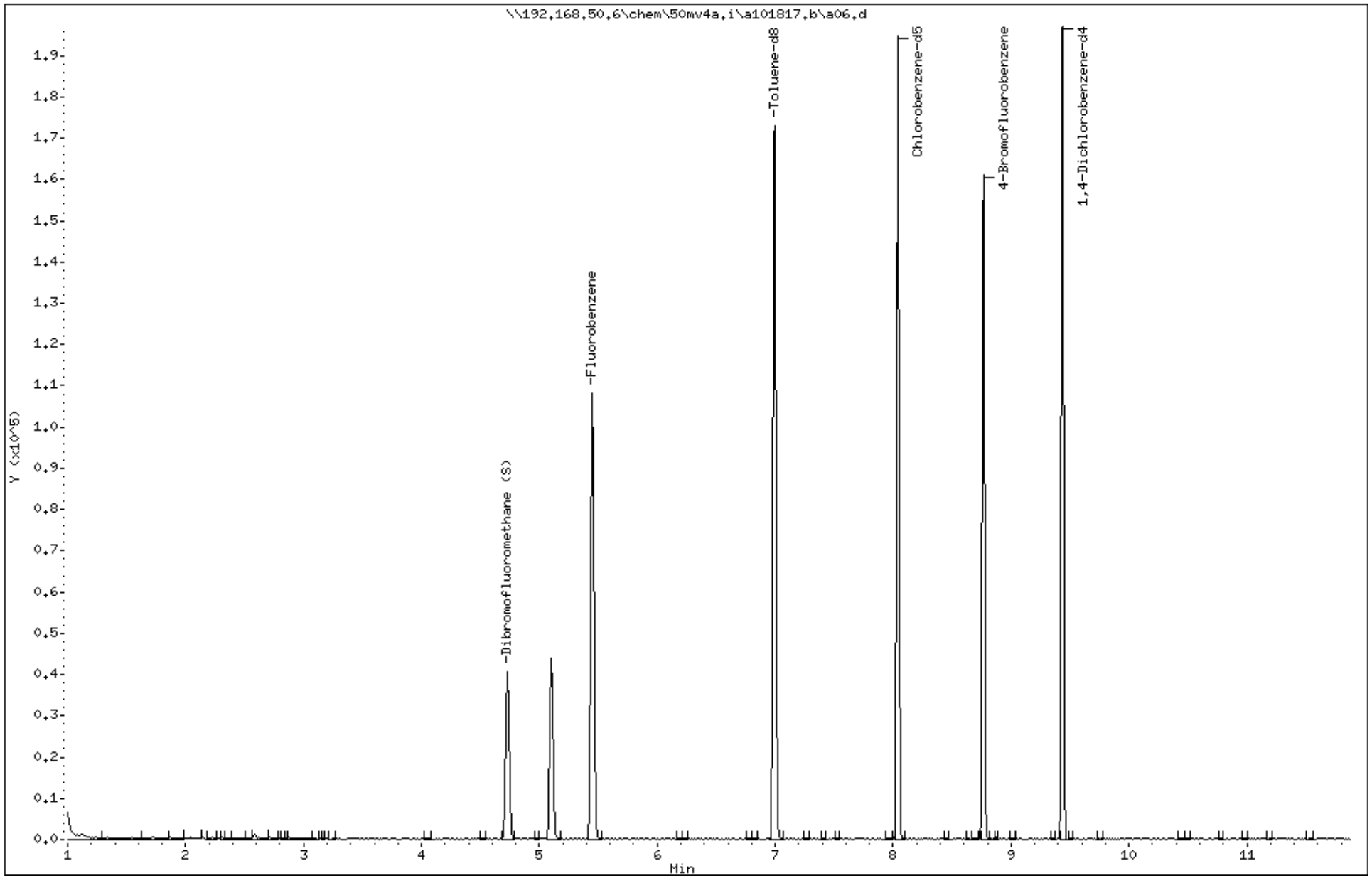
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ppb)	REVIEW C
20 Methylene Chloride	84	2.586	2.580	(0.474)	369	0.82875	0.829(Q)	
$ 38 Dibromofluoromethane (S)	113	4.733	4.727	(0.868)	25345	49.7920	49.8	
* 47 Fluorobenzene	96	5.451	5.451	(1.000)	85808	50.0000		
$ 58 Toluene-d8	98	6.998	6.992	(0.870)	91043	51.0084	51.0	
* 68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	70236	50.0000		
$ 77 4-Bromofluorobenzene	95	8.768	8.768	(1.091)	34542	49.3327	49.3	
* 91 1,4-Dichlorobenzene-d4	152	9.439	9.444	(1.000)	35901	50.0000		

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a06.d
Date : 18-OCT-2017 14:45
Client ID: 50181834002
Sample Info: 50181834002
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv4a.i
Operator: cap
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a06.d

Date : 18-OCT-2017 14:45

Client ID: 50181834002

Instrument: 50mv4a.i

Sample Info: 50181834002

Purge Volume: 5.0

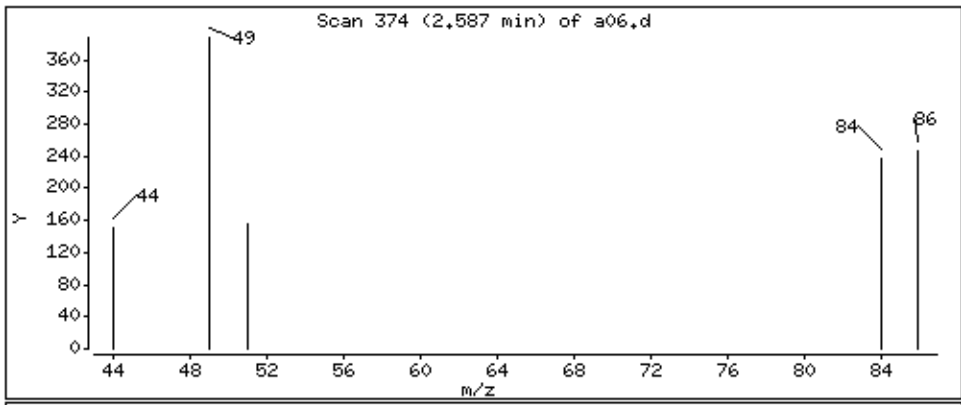
Operator: cap

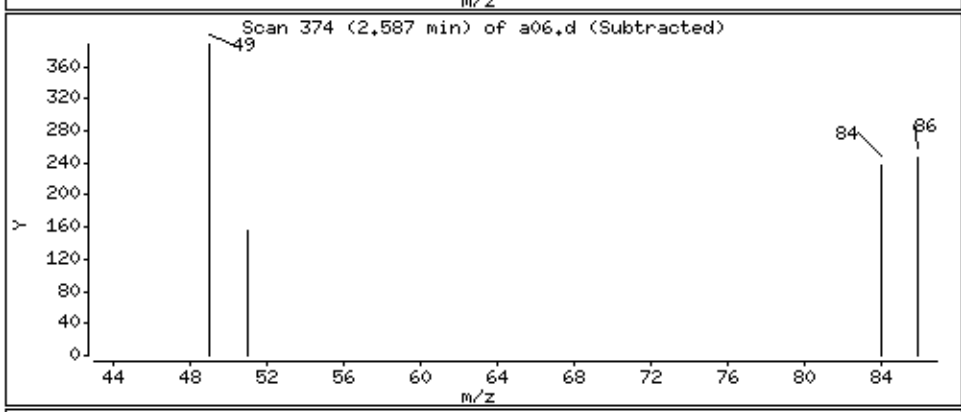
Column phase: DB-624

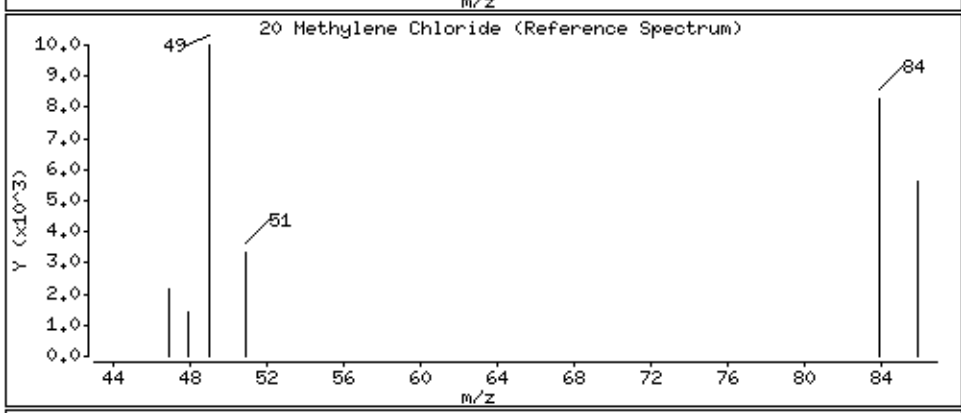
Column diameter: 0.18

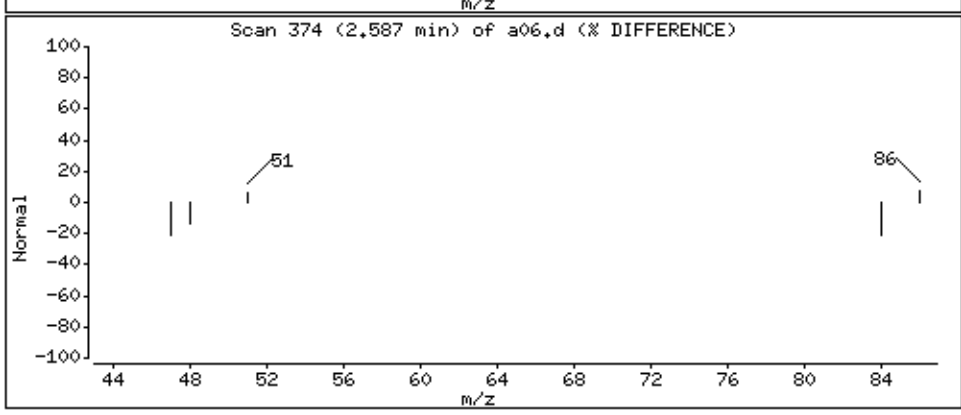
20 Methylene Chloride

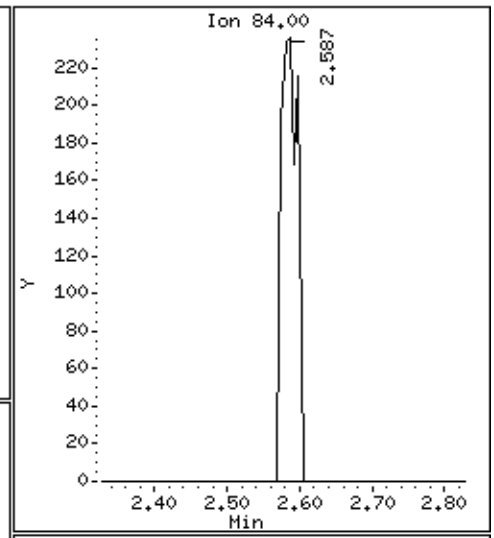
Concentration: 0.829 ppb

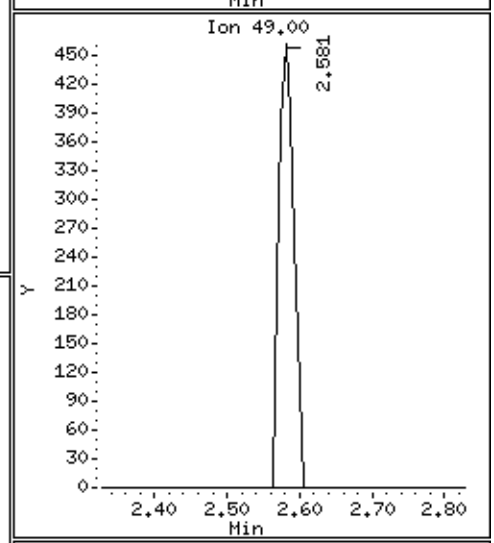


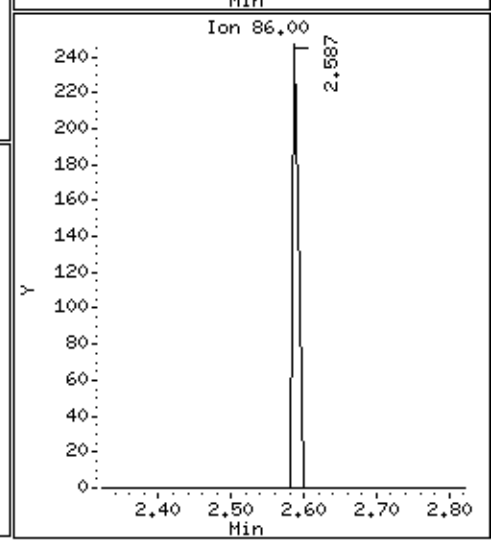












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a06.d
Injection Date: 18-OCT-2017 14:45
Instrument: 50mv4a.i
Lab Sample ID: 50181834002
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM VI VOA-1

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Acetone	Averaged	0.06434	0.07725	0.08857	0.07267	0.06868	0.07310
Benzene	Averaged	0.76933	0.94006	1.06248	0.88902	0.92128	1.03172
Bromodichloromethane	Averaged		0.23234	0.34403	0.34321	0.33439	0.38037
Bromoform	Averaged		0.33021	0.42836	0.40343	0.42354	0.52399
Bromomethane	Linear			0.05960	0.06455	0.07264	0.10748
2-Butanone (MEK)	Averaged	0.07461	0.08509	0.12091	0.10237	0.09879	0.11318
Carbon disulfide	Averaged		0.52886	0.67331	0.61222	0.60528	0.69591
Carbon tetrachloride	Averaged			0.36380	0.36717	0.36978	0.41789
Chlorobenzene	Averaged	0.80011	0.91471	1.14850	0.93612	0.93256	1.02428
Chloroethane	Linear		0.15509	0.09265	0.12572	0.16620	0.16214
Chloroform	Averaged		0.33930	0.57004	0.43963	0.43867	0.50140
Chloromethane	Averaged		0.25135	0.21450	0.28564	0.32016	0.31080
Cyclohexane	Averaged		0.22402	0.38917	0.33146	0.39549	0.43434
1,2-Dibromo-3-chloropropane	Linear			0.11760	0.10912	0.11131	0.15131
Dibromochloromethane	Averaged		0.32108	0.38353	0.35602	0.34837	0.42442
1,2-Dibromoethane (EDB)	Averaged		0.22119	0.28695	0.32057	0.30319	0.33957
1,2-Dichlorobenzene	Averaged	1.25855	1.44485	1.44868	1.23098	1.28947	1.43076
1,3-Dichlorobenzene	Averaged	1.14900	1.26233	1.42897	1.30302	1.30844	1.56627
1,4-Dichlorobenzene	Averaged	1.12495	1.32085	1.73118	1.36940	1.46004	1.56176
Dichlorodifluoromethane	Averaged		0.30246	0.22778	0.30134	0.32994	0.33868
1,1-Dichloroethane	Averaged		0.27809	0.48241	0.42020	0.42648	0.48055
1,2-Dichloroethane	Averaged		0.29949	0.49952	0.36066	0.37364	0.40655
1,1-Dichloroethene	Averaged			0.26437	0.18643	0.20112	0.23115
cis-1,2-Dichloroethene	Averaged			0.28384	0.24389	0.27118	0.30255
trans-1,2-Dichloroethene	Averaged			0.20772	0.23284	0.21260	0.25371
1,2-Dichloropropane	Averaged		0.20501	0.26555	0.24040	0.23357	0.27763
cis-1,3-Dichloropropene	Averaged		0.33463	0.44827	0.43327	0.42125	0.50929
trans-1,3-Dichloropropene	Averaged		0.27755	0.39473	0.38987	0.37887	0.45356
Ethylbenzene	Averaged		0.32036	0.46787	0.48563	0.49048	0.52394
2-Hexanone	Averaged	0.12545	0.16539	0.19177	0.18097	0.17782	0.20704
Isopropylbenzene (Cumene)	Averaged	1.33019	1.34067	1.65276	1.49727	1.54045	1.68399
Methyl acetate	Linear		0.19728	0.14576	0.19213	0.24904	0.28050
Methylcyclohexane	Averaged			0.35642	0.29471	0.31617	0.35738
Methylene Chloride	Averaged		0.26383	0.31984	0.24819	0.22912	0.25359
4-Methyl-2-pentanone (MIBK)	Averaged	0.20660	0.26071	0.29591	0.24931	0.25964	0.28868

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

11/02/2017 8:16

MSV - FORM VI VOA-2

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Methyl-tert-butyl ether	Averaged		0.37020	0.45762	0.43474	0.42080	0.48101
Styrene	Averaged	0.77583	0.65214	1.04597	0.97373	0.95132	1.11734
1,1,2,2-Tetrachloroethane	Averaged	0.63596	0.63953	0.82584	0.73778	0.75448	0.77789
Tetrachloroethene	Averaged		0.31251	0.45247	0.37714	0.38080	0.40681
Toluene	Averaged	1.02729	1.17942	1.53063	1.32830	1.27613	1.39925
1,2,4-Trichlorobenzene	Linear	0.14696	0.43332	0.46121	0.51470	0.55723	0.71146
1,1,1-Trichloroethane	Averaged		0.28879	0.43048	0.35647	0.38835	0.43138
1,1,2-Trichloroethane	Averaged		0.14341	0.25895	0.24275	0.24570	0.24254
Trichloroethene	Averaged		0.22283	0.29594	0.24912	0.25741	0.29491
Trichlorofluoromethane	Averaged	0.34736	0.45280	0.32957	0.42288	0.43029	0.43081
1,1,2-Trichlorotrifluoroethane	Averaged			0.24489	0.23912	0.25202	0.27430
Vinyl chloride	Averaged		0.30127	0.22188	0.31146	0.32303	0.33049
m&p-Xylene	Averaged	0.52793	0.50623	0.63286	0.60578	0.59389	0.67094
o-Xylene	Averaged		0.57294	0.61169	0.55189	0.57123	0.64691
4-Bromofluorobenzene (S)	Averaged	0.48321	0.49202	0.49487	0.51541	0.47804	0.51262
Dibromofluoromethane (S)	Averaged	0.29690	0.29944	0.30959	0.28919	0.29894	0.29410
Toluene-d8 (S)	Averaged	1.25848	1.27727	1.27918	1.28865	1.30609	1.26633

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-3
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Acetone	Averaged	0.06798	0.07297
Benzene	Averaged	0.96295	1.04637
Bromodichloromethane	Averaged	0.36383	0.38836
Bromoform	Averaged	0.48965	0.52037
Bromomethane	Linear	0.10695	0.11899
2-Butanone (MEK)	Averaged	0.10694	0.11154
Carbon disulfide	Averaged	0.67398	0.73153
Carbon tetrachloride	Averaged	0.39404	0.42075
Chlorobenzene	Averaged	0.93026	1.00340
Chloroethane	Linear	0.10756	0.10648
Chloroform	Averaged	0.47011	0.51142
Chloromethane	Averaged	0.33108	0.36450
Cyclohexane	Averaged	0.39381	0.43088
1,2-Dibromo-3-chloropropane	Linear	0.15931	0.17546
Dibromochloromethane	Averaged	0.39976	0.43399
1,2-Dibromoethane (EDB)	Averaged	0.32368	0.34693
1,2-Dichlorobenzene	Averaged	1.38555	1.49136
1,3-Dichlorobenzene	Averaged	1.41958	1.54526
1,4-Dichlorobenzene	Averaged	1.49430	1.58507
Dichlorodifluoromethane	Averaged	0.33348	0.35453
1,1-Dichloroethane	Averaged	0.46384	0.49567
1,2-Dichloroethane	Averaged	0.36548	0.39703
1,1-Dichloroethene	Averaged	0.21955	0.24369
cis-1,2-Dichloroethene	Averaged	0.27831	0.31789
trans-1,2-Dichloroethene	Averaged	0.23632	0.25688
1,2-Dichloropropane	Averaged	0.26365	0.28208
cis-1,3-Dichloropropene	Averaged	0.48949	0.53145
trans-1,3-Dichloropropene	Averaged	0.44830	0.49080
Ethylbenzene	Averaged	0.48264	0.51523
2-Hexanone	Averaged	0.18718	0.19946
Isopropylbenzene (Cumene)	Averaged	1.57328	1.65703
Methyl acetate	Linear	0.27545	0.24818
Methylcyclohexane	Averaged	0.32765	0.36018
Methylene Chloride	Averaged	0.24025	0.26129
4-Methyl-2-pentanone (MIBK)	Averaged	0.26194	0.27154

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-4

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Methyl-tert-butyl ether	Averaged	0.46069	0.45825
Styrene	Averaged	0.99543	1.10059
1,1,2,2-Tetrachloroethane	Averaged	0.75942	0.80390
Tetrachloroethene	Averaged	0.36841	0.40575
Toluene	Averaged	1.29289	1.38623
1,2,4-Trichlorobenzene	Linear	0.71747	0.83197
1,1,1-Trichloroethane	Averaged	0.40342	0.44556
1,1,2-Trichloroethane	Averaged	0.23260	0.24946
Trichloroethene	Averaged	0.27855	0.30532
Trichlorofluoromethane	Averaged	0.42834	0.45008
1,1,2-Trichlorotrifluoroethane	Averaged	0.25692	0.26884
Vinyl chloride	Averaged	0.33573	0.36166
m&p-Xylene	Averaged	0.60651	0.62666
o-Xylene	Averaged	0.58539	0.64020
4-Bromofluorobenzene (S)	Averaged	0.48796	0.52348
Dibromofluoromethane (S)	Averaged	0.29029	0.29437
Toluene-d8 (S)	Averaged	1.25020	1.23876

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-5
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Acetone	Averaged	10.05790			0.07319	
Benzene	Averaged	10.19003			0.95290	
Bromodichloromethane	Averaged	15.23077			0.34093	
Bromoform	Averaged	15.74809			0.44565	
Bromomethane	Linear		0.99785	-0.00796	0.11812	
2-Butanone (MEK)	Averaged	15.07054			0.10168	
Carbon disulfide	Averaged	10.54996			0.64587	
Carbon tetrachloride	Averaged	6.65527			0.38891	
Chlorobenzene	Averaged	10.50363			0.96124	
Chloroethane	Linear		0.99288	0.01021	0.10566	
Chloroform	Averaged	15.54287			0.46722	
Chloromethane	Averaged	17.10080			0.29686	
Cyclohexane	Averaged	19.73332			0.37131	
1,2-Dibromo-3-chloropropane	Linear		0.99809	-0.01188	0.17437	
Dibromochloromethane	Averaged	10.89089			0.38102	
1,2-Dibromoethane (EDB)	Averaged	13.92299			0.30601	
1,2-Dichlorobenzene	Averaged	7.21445			1.37253	
1,3-Dichlorobenzene	Averaged	10.44090			1.37286	
1,4-Dichlorobenzene	Averaged	12.72880			1.45594	
Dichlorodifluoromethane	Averaged	13.44480			0.31260	
1,1-Dichloroethane	Averaged	17.22743			0.43532	
1,2-Dichloroethane	Averaged	15.73209			0.38605	
1,1-Dichloroethene	Averaged	12.64016			0.22438	
cis-1,2-Dichloroethene	Averaged	9.06855			0.28294	
trans-1,2-Dichloroethene	Averaged	8.70880			0.23334	
1,2-Dichloropropane	Averaged	10.91745			0.25255	
cis-1,3-Dichloropropene	Averaged	14.57026			0.45252	
trans-1,3-Dichloropropene	Averaged	17.13070			0.40481	
Ethylbenzene	Averaged	14.59643			0.46945	
2-Hexanone	Averaged	14.12199			0.17939	
Isopropylbenzene (Cumene)	Averaged	9.00279			1.53445	
Methyl acetate	Linear		0.99706	0.00728	0.25256	
Methylcyclohexane	Averaged	8.02689			0.33542	
Methylene Chloride	Averaged	11.25818			0.25944	
4-Methyl-2-pentanone (MIBK)	Averaged	10.40057			0.26179	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

MSV - FORM VI VOA-6

MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - Indiana Instrument ID: 50MV4A GC Column: Col 1 SDG No.: 50181834

Calibration Date(s): 10/11/2017 10/11/2017 Calibration Time(s): 18:00 22:04

LAB FILE ID

CAL1 = A101117CAL.B\A01.D CAL2 = A101117CAL.B\A02.D CAL3 = A101117CAL.B\A03.D

CAL4 = A101117CAL.B\A04.D CAL5 = A101117CAL.B\A05.D CAL6 = A101117CAL.B\A06.D

CAL7 = A101117CAL.B\A07.D CAL8 = A101117CAL.B\A08.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Methyl-tert-butyl ether	Averaged	8.30040			0.44047	
Styrene	Averaged	16.92507			0.95154	
1,1,2,2-Tetrachloroethane	Averaged	9.44585			0.74185	
Tetrachloroethene	Averaged	11.11314			0.38627	
Toluene	Averaged	11.63469			1.30252	
1,2,4-Trichlorobenzene	Linear		0.99593	-0.05609	0.81928	
1,1,1-Trichloroethane	Averaged	13.95399			0.39206	
1,1,2-Trichloroethane	Averaged	17.04455			0.23077	
Trichloroethene	Averaged	11.03387			0.27201	
Trichlorofluoromethane	Averaged	11.30829			0.41152	
1,1,2-Trichlorotrifluoroethane	Averaged	5.31179			0.25602	
Vinyl chloride	Averaged	14.16159			0.31222	
m&p-Xylene	Averaged	9.14433			0.59635	
o-Xylene	Averaged	6.10889			0.59718	
4-Bromofluorobenzene (S)	Averaged	3.32971			0.49845	
Dibromofluoromethane (S)	Averaged	2.16364			0.29660	
Toluene-d8 (S)	Averaged	1.70843			1.27062	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a01.d
Lab Smp Id: 8260-CAL1 Client Smp ID: 8260-CAL1
Inj Date : 11-OCT-2017 18:00
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal1,160360:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)		REVIEW C
1	Dichlorodifluoromethane	85	1.098	1.098	(0.202)	82	0.50000		(M)	NI
4	Vinyl Chloride	62	1.292	1.286	(0.237)	107	0.50000		(M)	NI
8	Trichlorofluoromethane	101	1.739	1.739	(0.319)	284	0.50000		(M)	NI
11	Acrolein	56	2.086	2.086	(0.383)	724	10.0000		(Q)	
14	Acetone	43	2.216	2.221	(0.407)	263	2.50000		(M)	NI
16	Carbon Disulfide	76	2.304	2.310	(0.423)	247	0.50000		(M)	NI
17	Acetonitrile	39	2.451	2.457	(0.450)	140	0.50000		(QM)	NI
18	allyl chloride	41	2.451	2.457	(0.450)	218	1.00000		(M)	NI
20	Methylene Chloride	84	2.574	2.580	(0.473)	357	0.50000		(QM)	NI
21	tert-Butyl Alcohol	59	2.533	2.833	(0.465)	0	1.00000		(M)	
24	Methyl-tert-butyl ether	73	2.851	2.845	(0.524)	128	0.50000		(M)	NI
22	Acrylonitrile	53	2.857	2.868	(0.525)	61	2.00000		(M)	NI
25	n-Hexane	57	3.116	3.115	(0.572)	67	0.50000		(M)	NI
26	1,1-Dichloroethane	63	3.316	3.321	(0.609)	60	0.50000		(M)	NI
27	Vinyl Acetate	43	3.421	3.427	(0.628)	1389	2.00000		(M)	NI
7	isopropyl acetate	61	5.310	5.309	(0.975)	82	2.00000		(QM)	NI
31	2-Butanone	43	4.186	4.192	(0.769)	305	2.50000		(M)	NI
36	Chloroform	83	4.533	4.539	(0.833)	56	0.50000		(M)	NI
$ 38	Dibromofluoromethane (S)	113	4.727	4.733	(0.868)	24274	50.0000		(Q)	
39	Cyclohexane	56	4.716	4.727	(0.866)	130	0.50000		(M)	NI
40	n-Butyl chloride	56	4.839	4.845	(0.889)	63	0.50000		(M)	NI
43	Benzene	78	5.133	5.127	(0.943)	629	0.50000		(M)	NI
44	1,2-Dichloroethane	62	5.180	5.192	(0.951)	166	0.50000		(M)	NI

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)		REVIEW C
	45 2,2,4-Trimethylpentane	57	5.215	5.215	(0.958)	352	0.50000		(M)	NI
*	47 Fluorobenzene	96	5.445	5.451	(1.000)	81759	50.0000			
	48 Trichloroethene	95	5.521	5.821	(1.014)	0	0.50000		(M)	
	49 Methylcyclohexane	55	5.974	5.980	(1.097)	125	0.50000		(QM)	NI
	54 Bromodichloromethane	83	6.351	6.351	(1.166)	64	0.50000		(M)	NI
	56 cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	119	0.50000		(M)	NI
	57 4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	723	2.50000		(QM)	NI
$	58 Toluene-d8	98	6.992	6.998	(0.870)	88081	50.0000		(Q)	
	59 Toluene	91	7.051	7.050	(0.877)	719	0.50000		(Q)	
	60 trans-1,3-Dichloropropene	75	7.268	7.262	(0.904)	128	0.50000		(M)	
	61 Ethyl Methacrylate	69	7.345	7.345	(0.914)	248	0.50000		(M)	NI
	63 Tetrachloroethene	166	7.462	7.462	(0.928)	145	0.50000		(M)	NI
	64 1,3-Dichloropropane	76	7.521	7.515	(0.936)	59	0.50000		(M)	NI
	65 2-Hexanone	43	7.592	7.592	(0.944)	439	2.50000		(M)	NI
	66 Dibromochloromethane	129	7.668	7.668	(0.954)	137	0.50000		(M)	NI
	67 1,2-Dibromoethane	107	7.745	7.739	(0.963)	118	0.50000		(QM)	NI
*	68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	69990	50.0000		(Q)	
	69 Chlorobenzene	112	8.062	8.056	(1.003)	560	0.50000		(QM)	NI
	2 n-amyl acetate	70	8.580	8.580	(1.576)	289	2.00000		(QM)	WP
	70 1,1,1,2-Tetrachloroethane	131	8.121	8.121	(1.010)	86	0.50000		(QM)	NI
	71 Ethylbenzene	106	8.133	8.127	(1.012)	113	0.50000		(QM)	WP
	72 m&p-Xylene	106	8.209	8.203	(1.021)	739	1.00000		(QM)	NI
	73 o-Xylene	106	8.451	8.450	(1.051)	183	0.50000		(QM)	NI
	74 Styrene	104	8.462	8.462	(1.053)	543	0.50000		(QM)	NI
	76 Isopropylbenzene	105	8.674	8.668	(1.079)	931	0.50000		(M)	NI
$	77 4-Bromofluorobenzene	95	8.768	8.762	(1.091)	33820	50.0000		(Q)	
	78 Bromobenzene	77	8.856	8.850	(1.102)	270	0.50000		(QM)	NI
	79 1,1,2,2-Tetrachloroethane	83	8.874	8.862	(0.940)	238	0.50000		(M)	NI
	82 n-Propylbenzene	91	8.915	8.909	(0.944)	911	0.50000		(M)	NI
	83 2-Chlorotoluene	91	8.968	8.962	(0.950)	572	0.50000		(QM)	NI
	84 1,3,5-Trimethylbenzene	105	9.015	9.009	(0.955)	669	0.50000		(QM)	NI
	85 4-Chlorotoluene	126	9.039	9.027	(0.957)	134	0.50000		(QM)	NI
	86 tert-Butylbenzene	119	9.203	9.203	(0.974)	606	0.50000		(QM)	NI
	87 1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	761	0.50000		(QM)	NI
	88 sec-Butylbenzene	105	9.333	9.327	(0.988)	740	0.50000		(M)	NI
	89 1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	430	0.50000		(QM)	NI
	90 p-Isopropyltoluene	119	9.415	9.409	(0.997)	543	0.50000		(M)	NI
*	91 1,4-Dichlorobenzene-d4	152	9.445	9.433	(1.000)	37424	50.0000		(Q)	
	92 1,4-Dichlorobenzene	146	9.456	9.450	(1.001)	421	0.50000		(QM)	NI
	93 n-Butylbenzene	91	9.656	9.644	(1.022)	441	0.50000		(QM)	NI
	94 1,2-Dichlorobenzene	146	9.674	9.668	(1.024)	471	0.50000		(QM)	NI
	96 1,2,4-Trichlorobenzene	180	10.621	10.609	(1.125)	55	0.50000		(M)	NI
	98 Naphthalene	128	10.786	10.768	(1.142)	251	0.50000		(M)	NI
	99 1,2,3-Trichlorobenzene	180	10.927	10.915	(1.157)	53	0.50000		(M)	NI

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

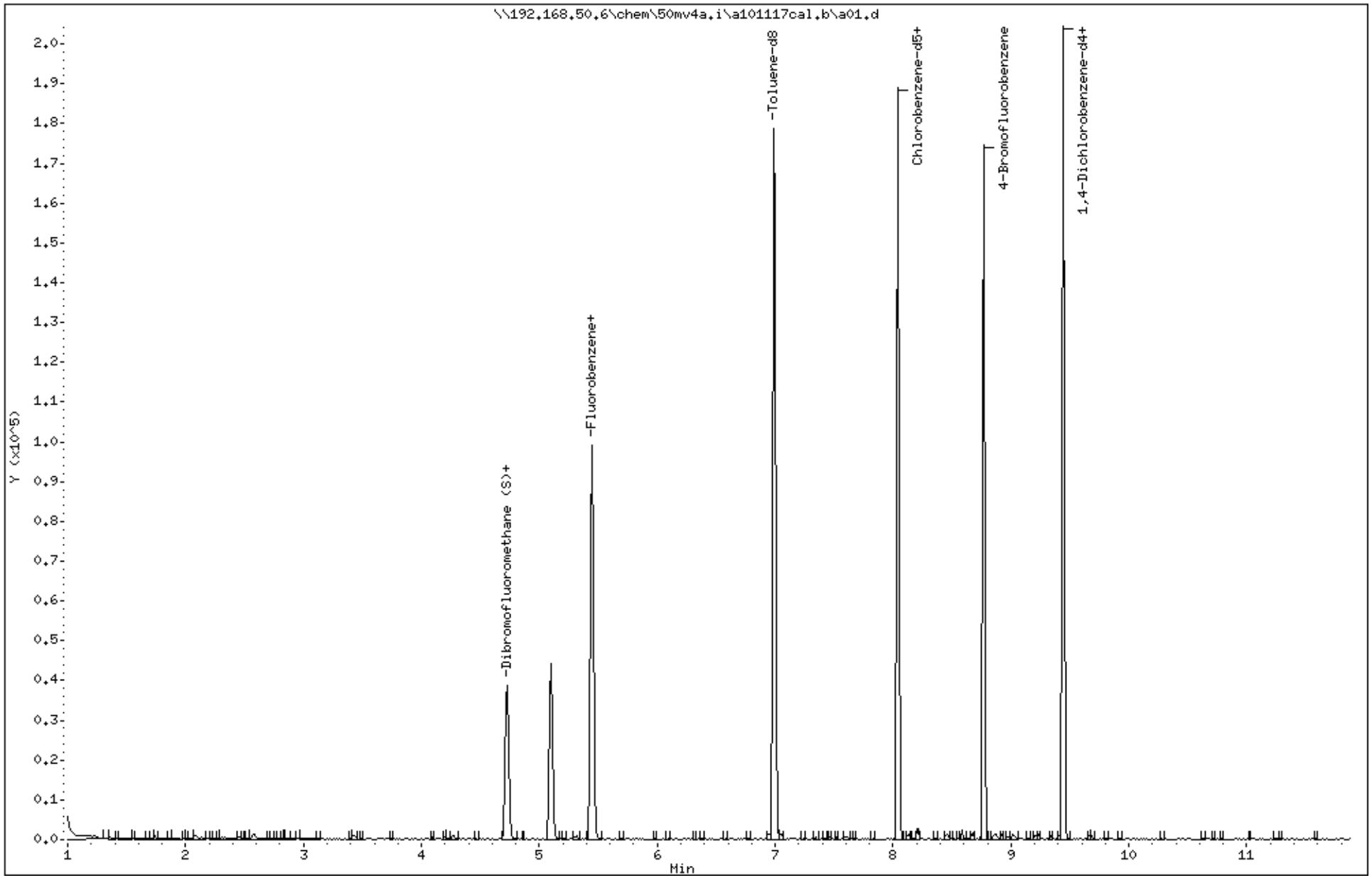
QC Flag Legend

Review Codes Legend

NI: Indicates that the peak was not integrated at all by the computer software.
:
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a01.d
Date : 11-OCT-2017 18:00
Client ID: 8260-CAL1
Sample Info: 8260-CAL1,160360:0
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv4a.i
Operator: rsw
Column diameter: 0.18



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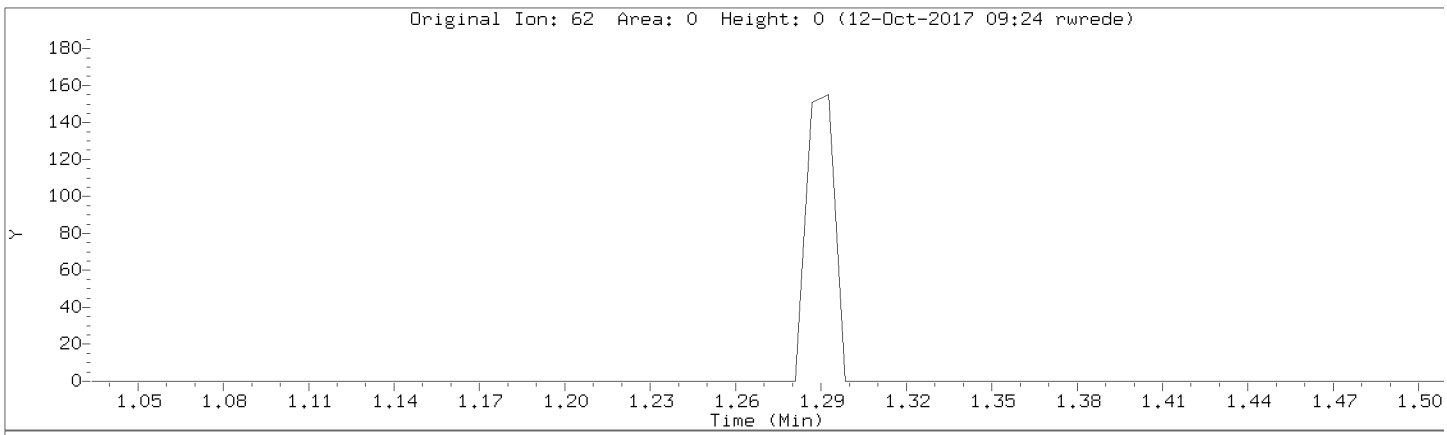
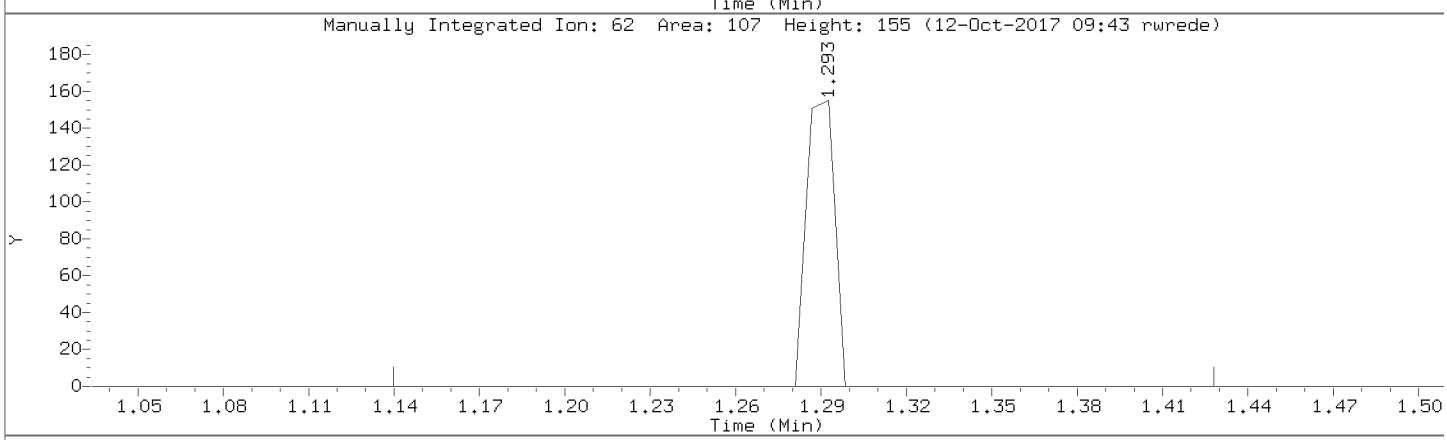
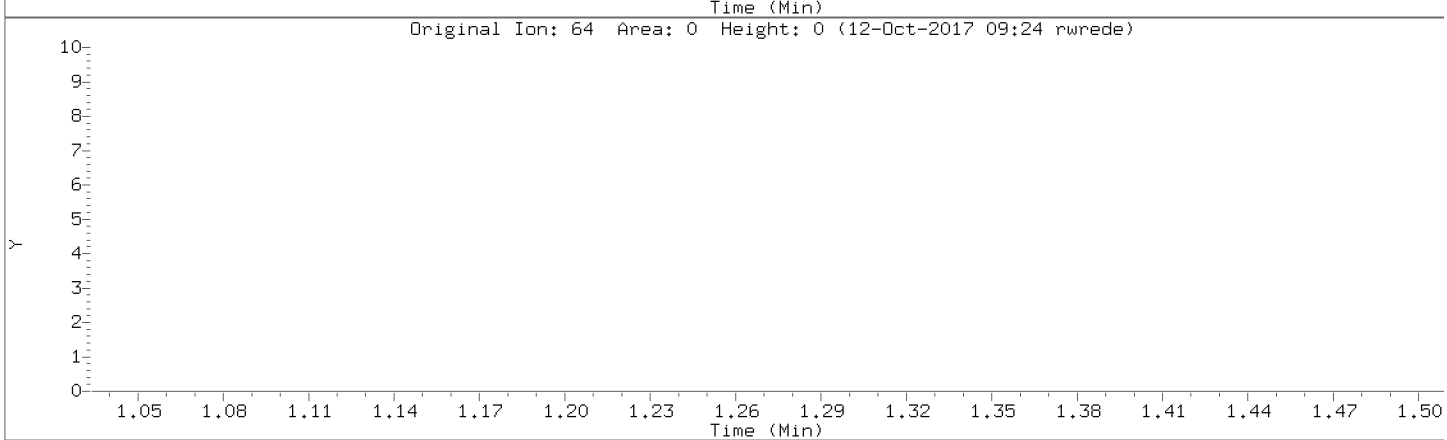
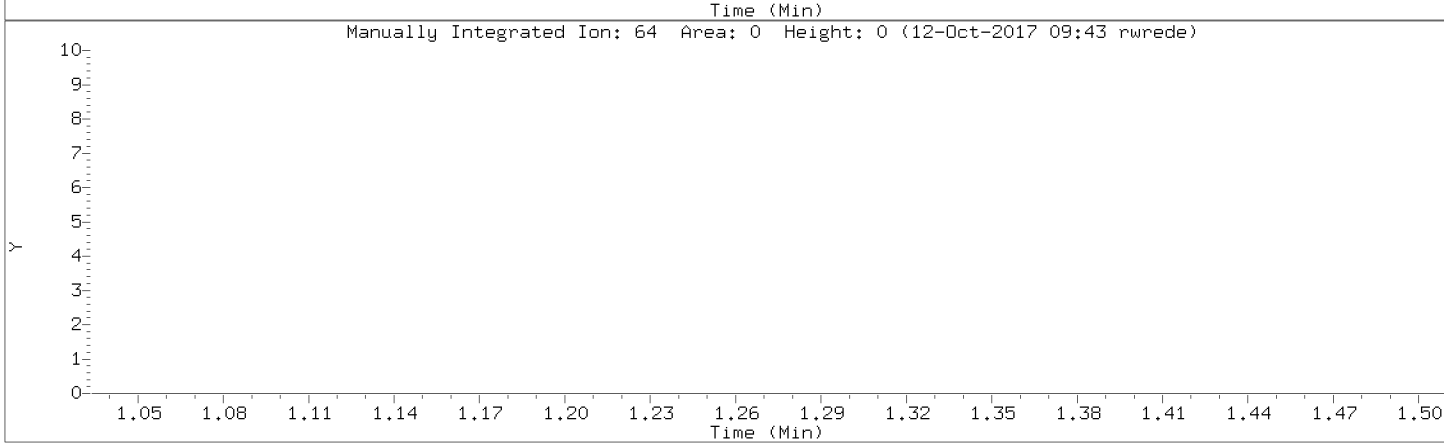
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Vinyl Chloride Review Code: NI
CAS Number: 75-01-4









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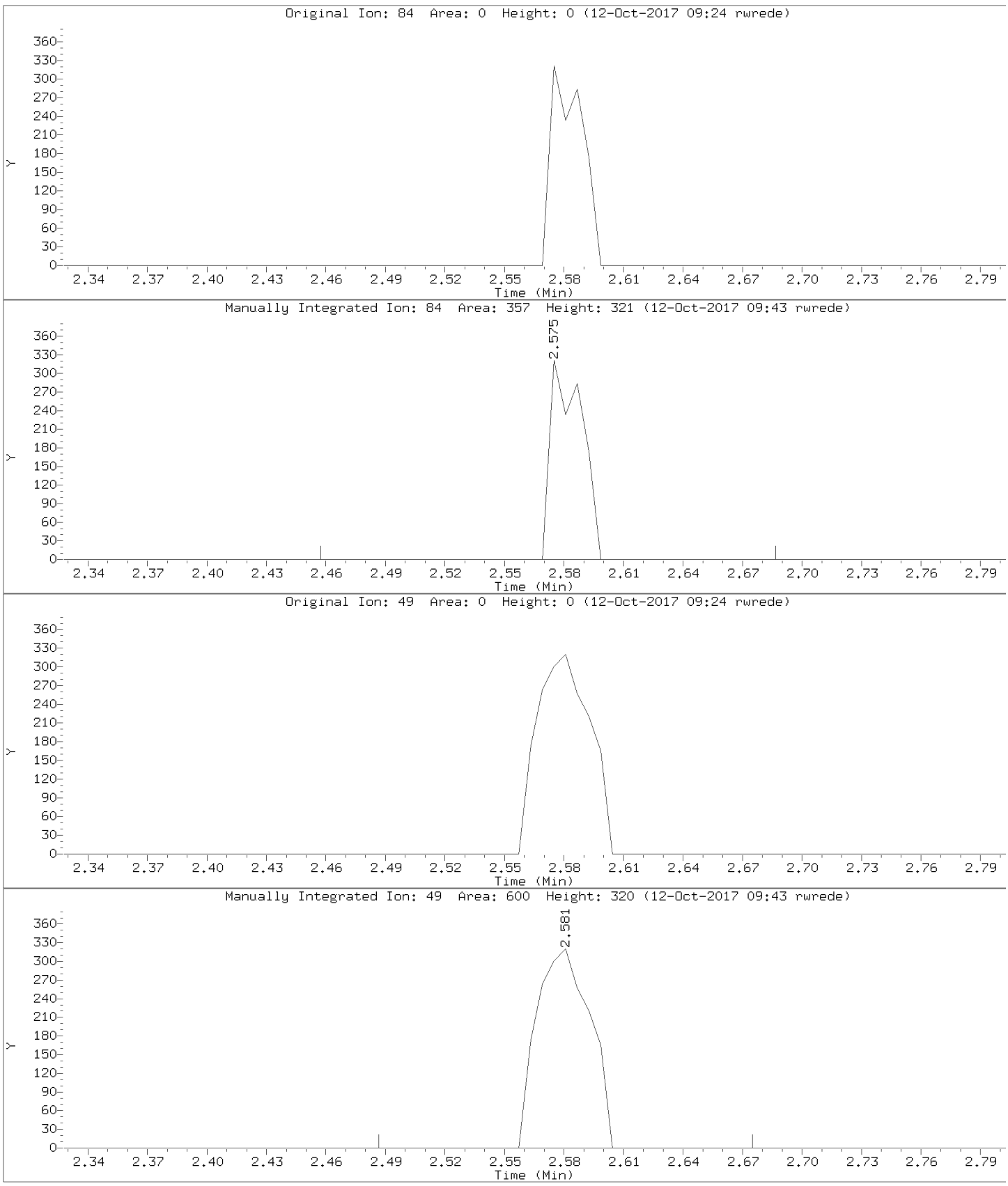
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Methylene Chloride Review Code: NI
CAS Number: 75-09-2



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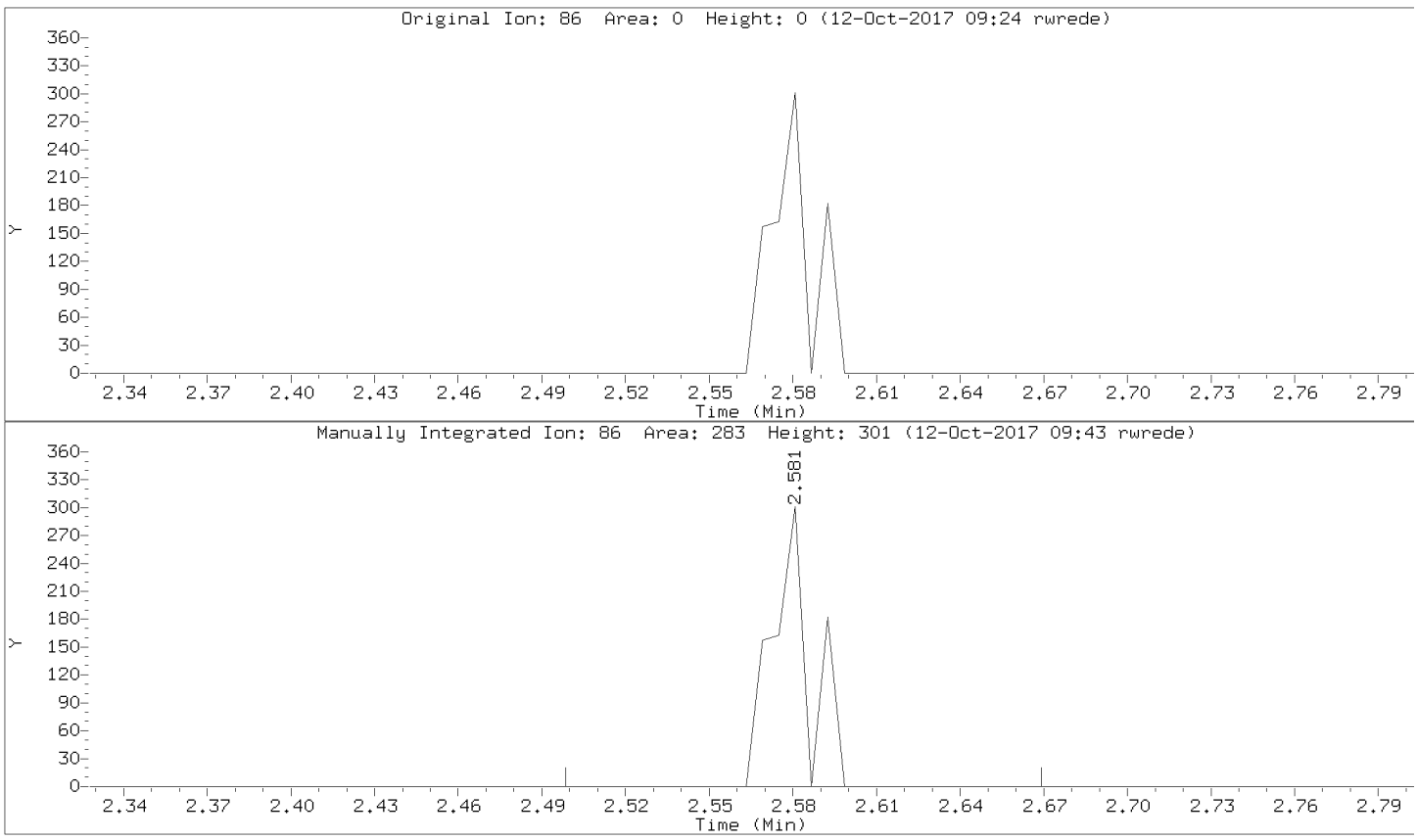
Lab Sample ID: 8260-CAL1



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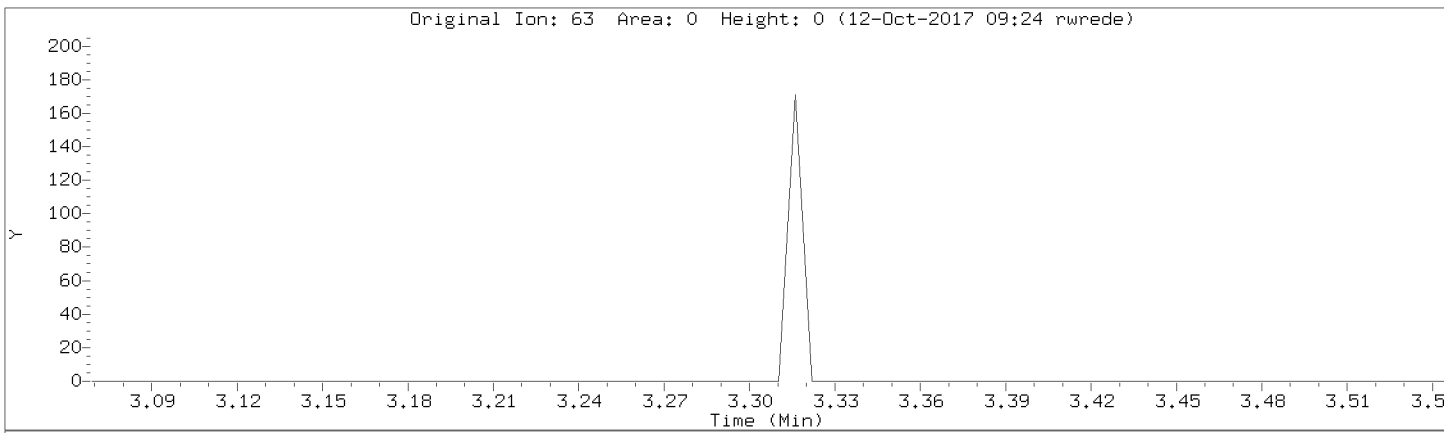
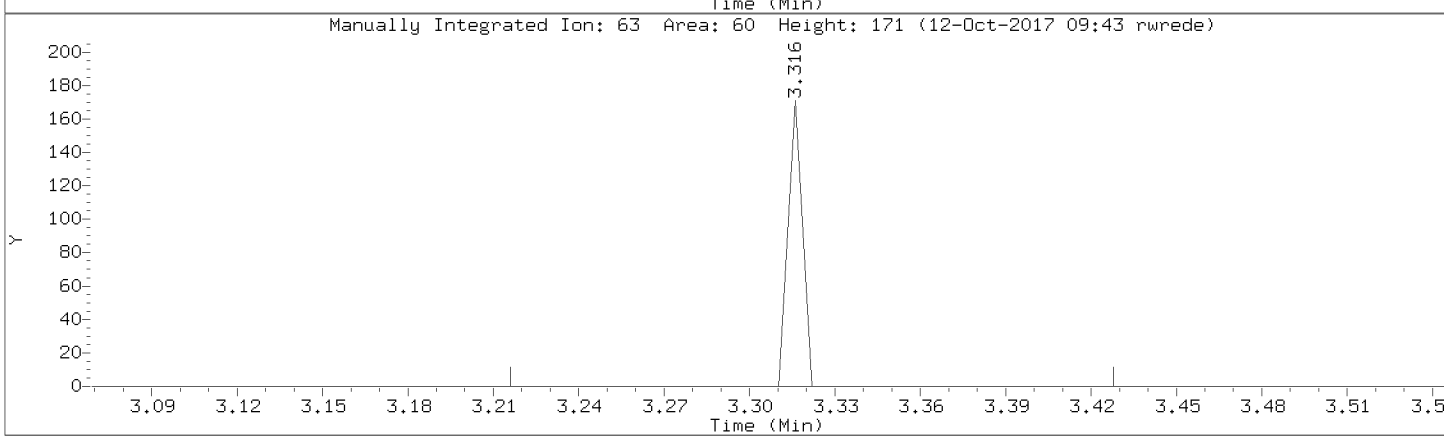
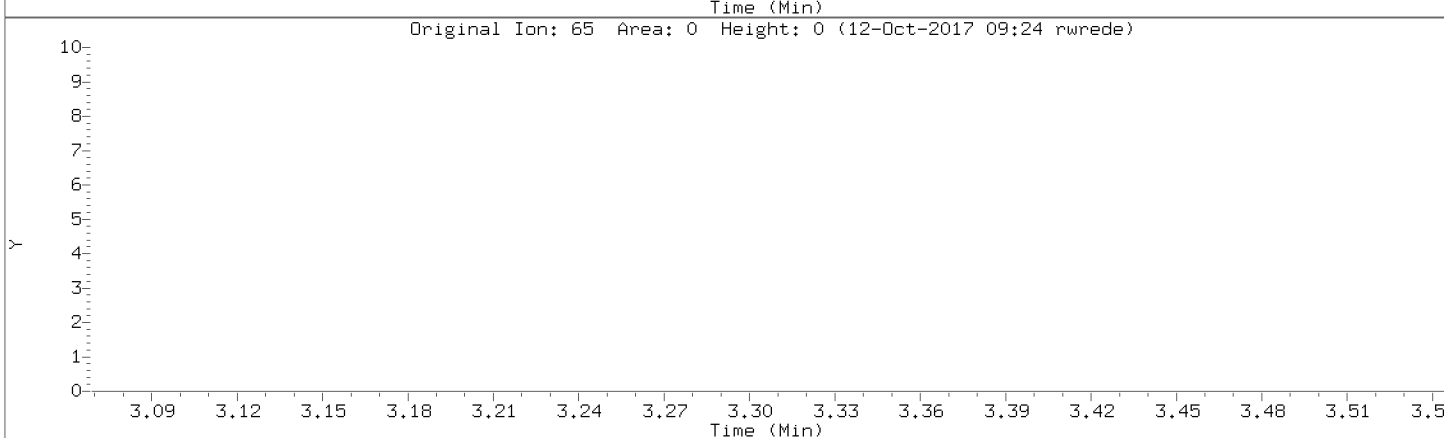
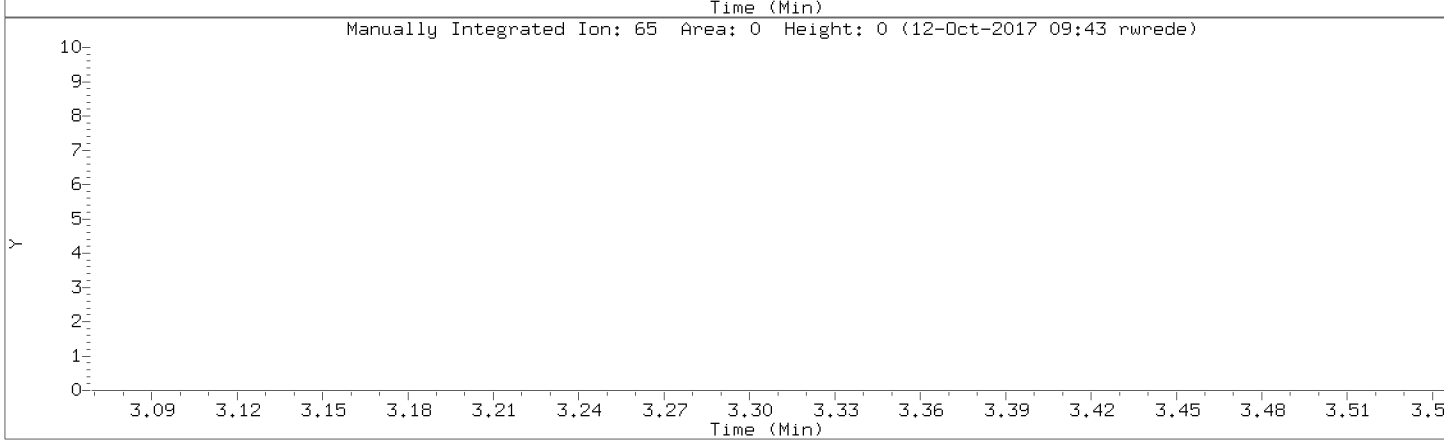
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,1-Dichloroethane Review Code: NI
CAS Number: 75-34-3









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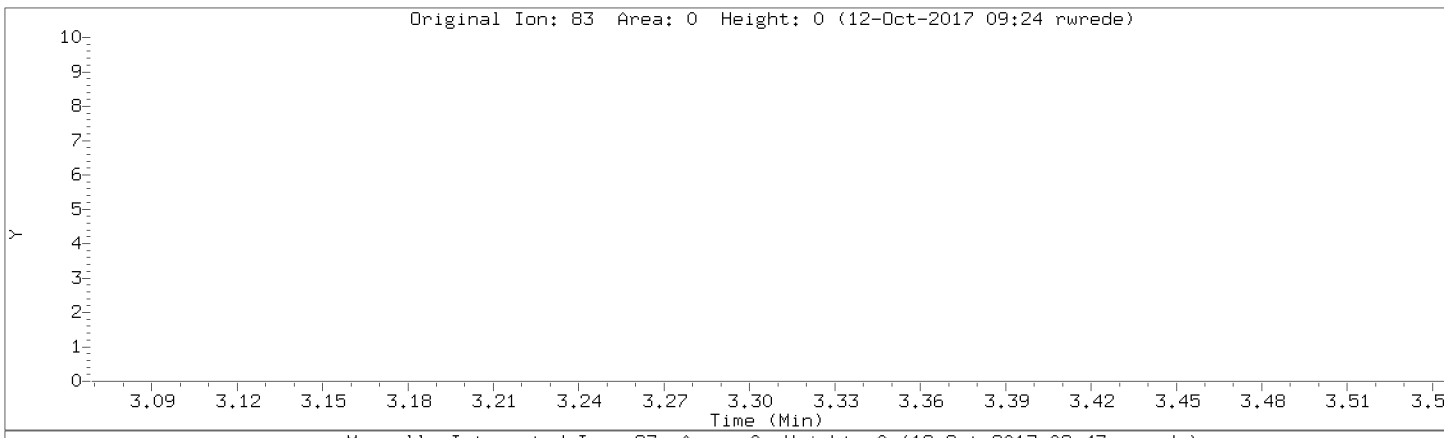
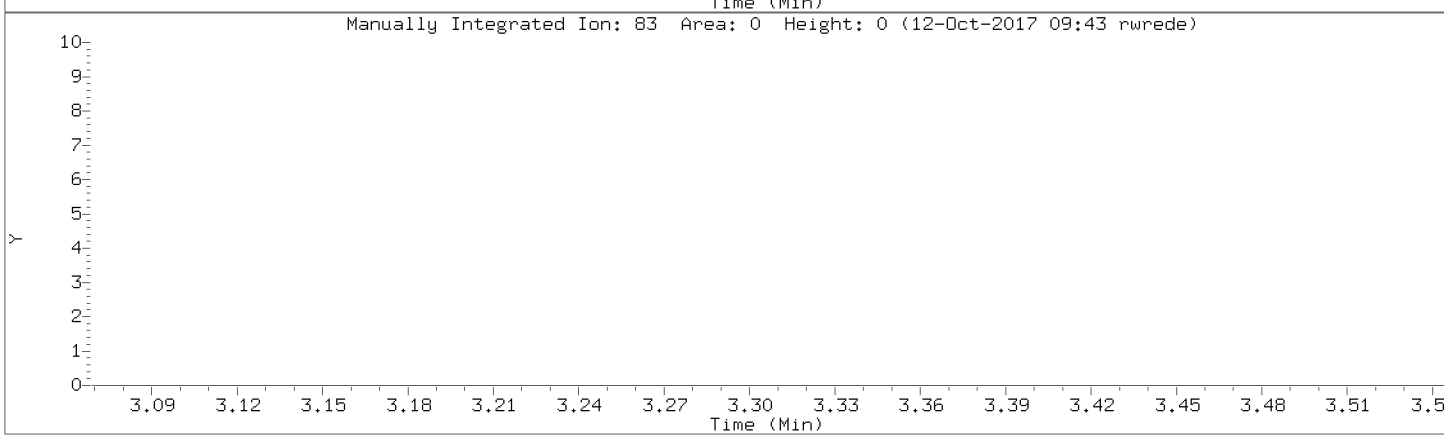
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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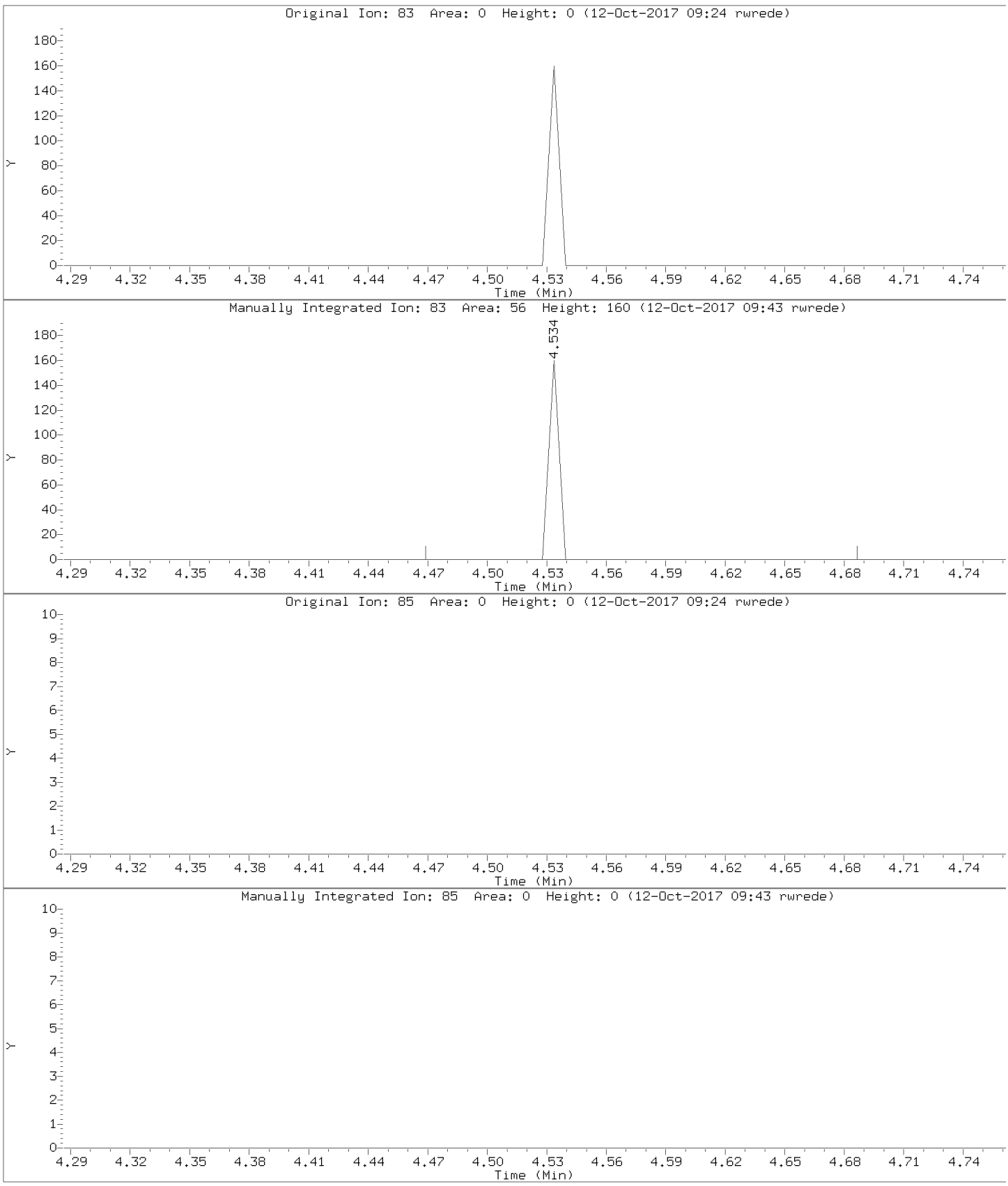
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Chloroform Review Code: NI
CAS Number: 67-66-3



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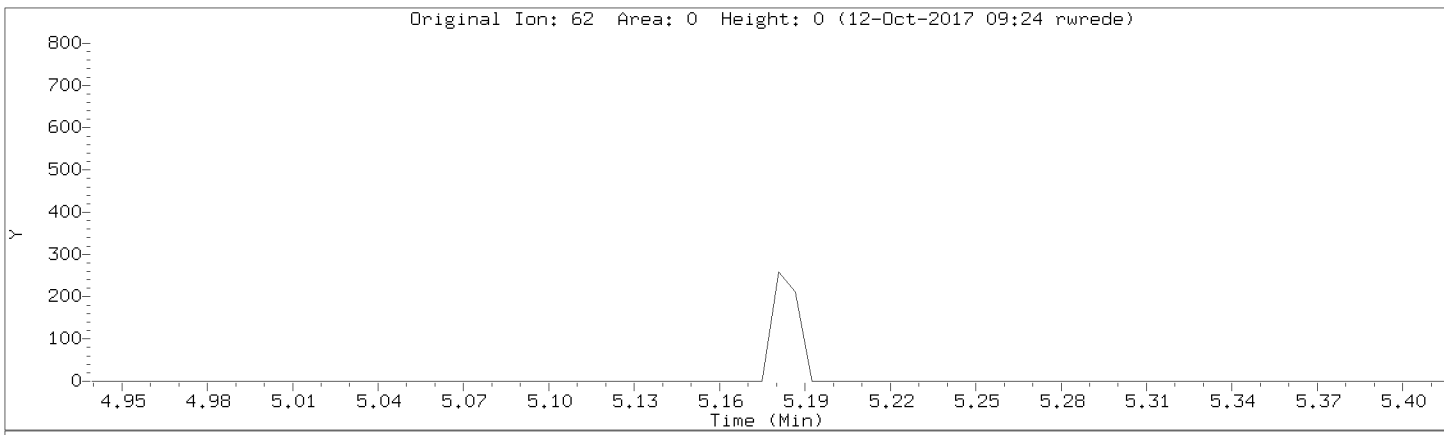
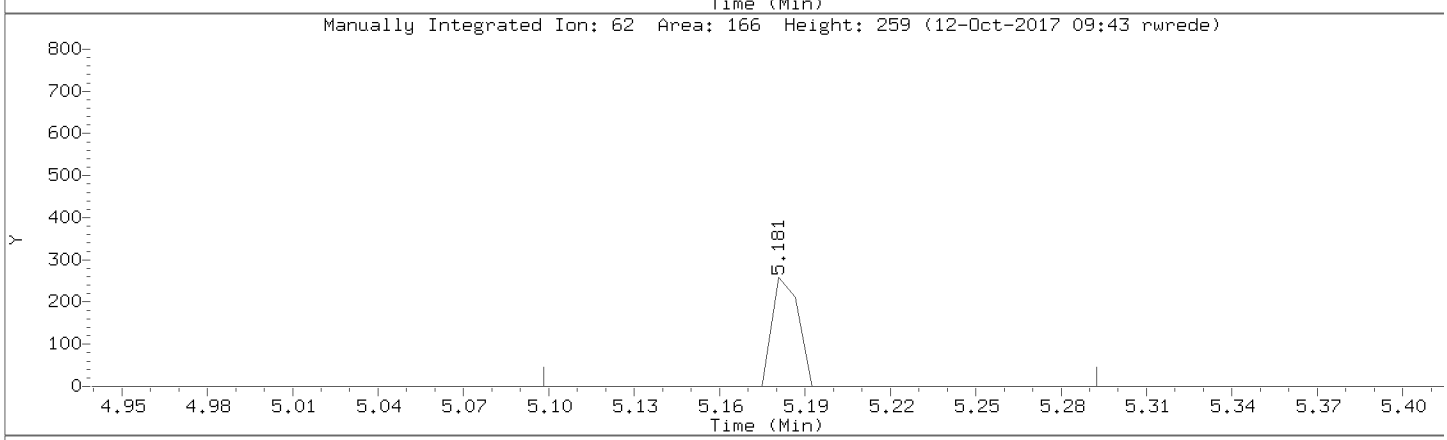
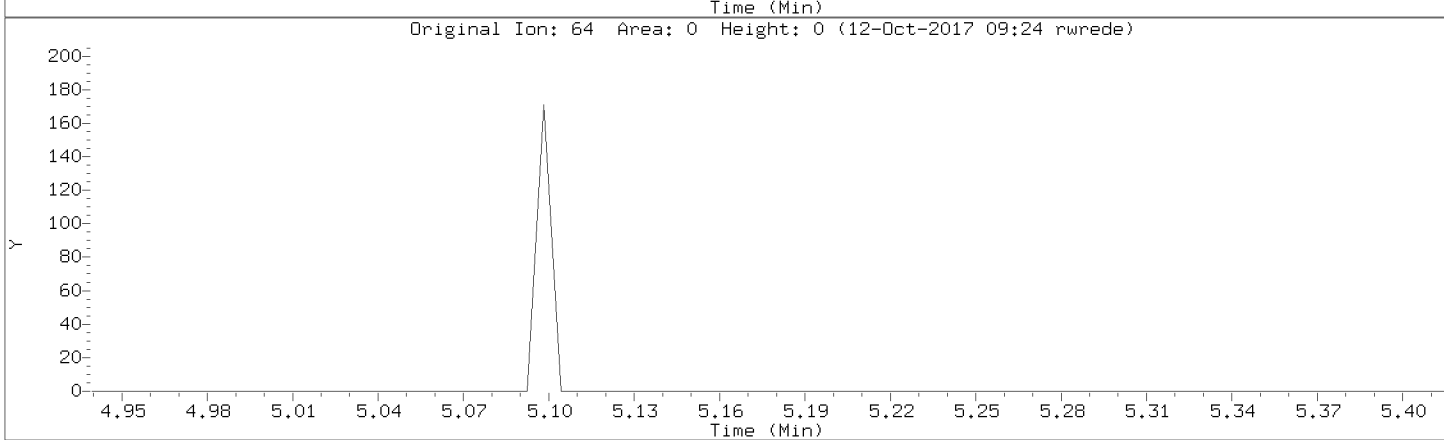
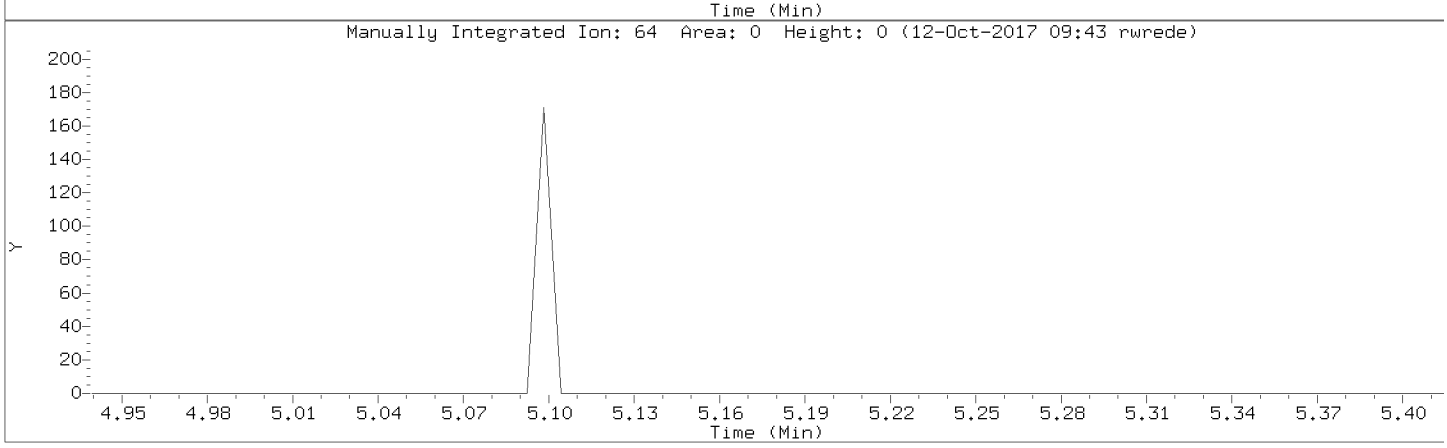
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2









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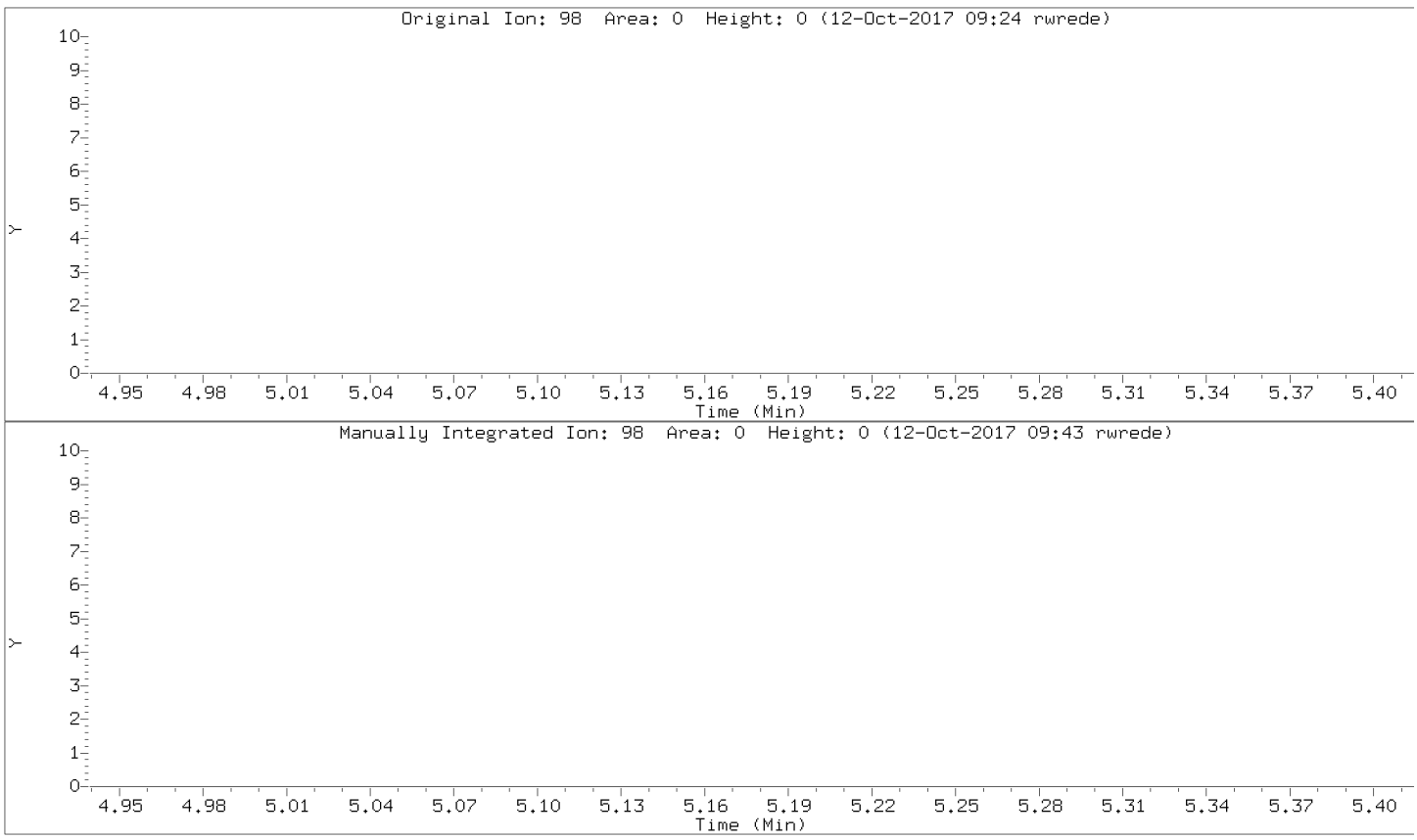
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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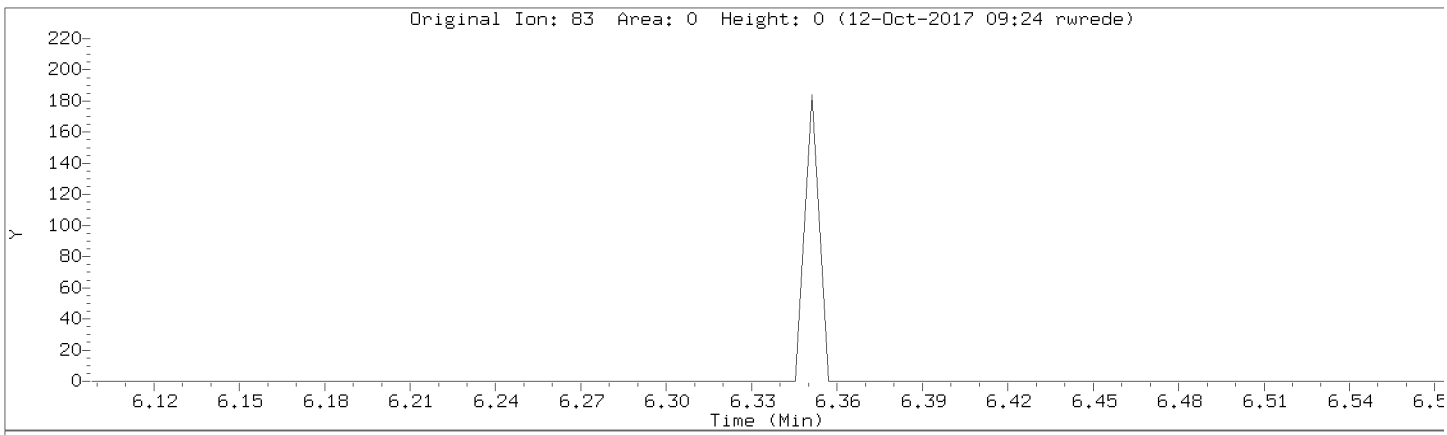
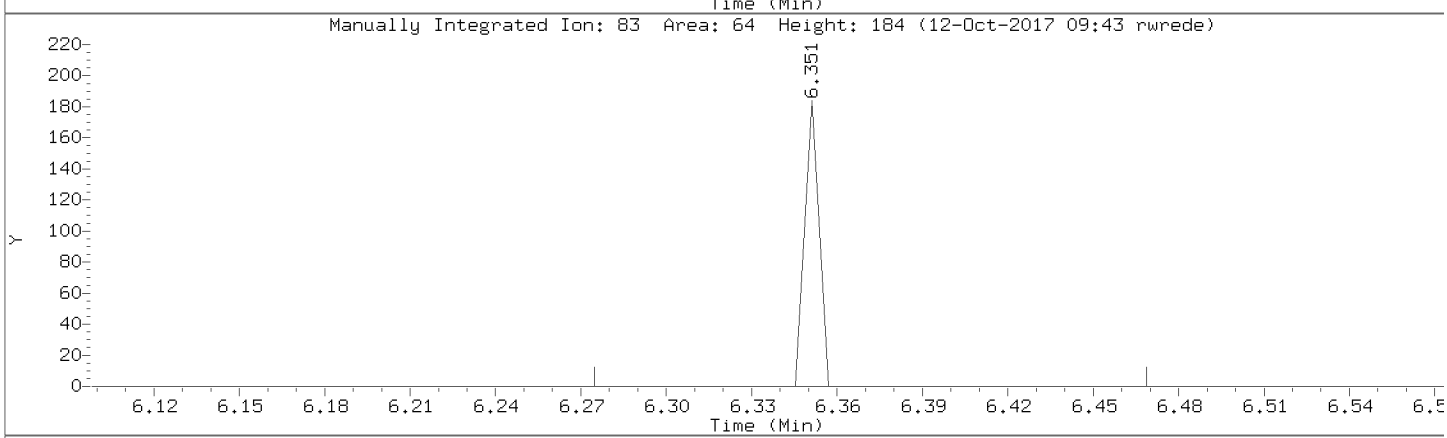
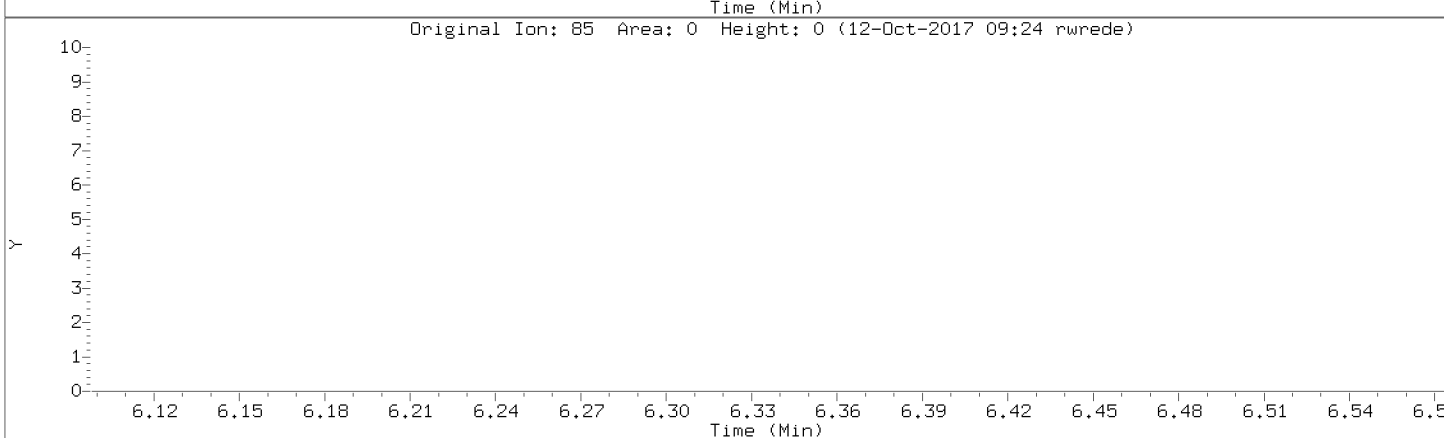
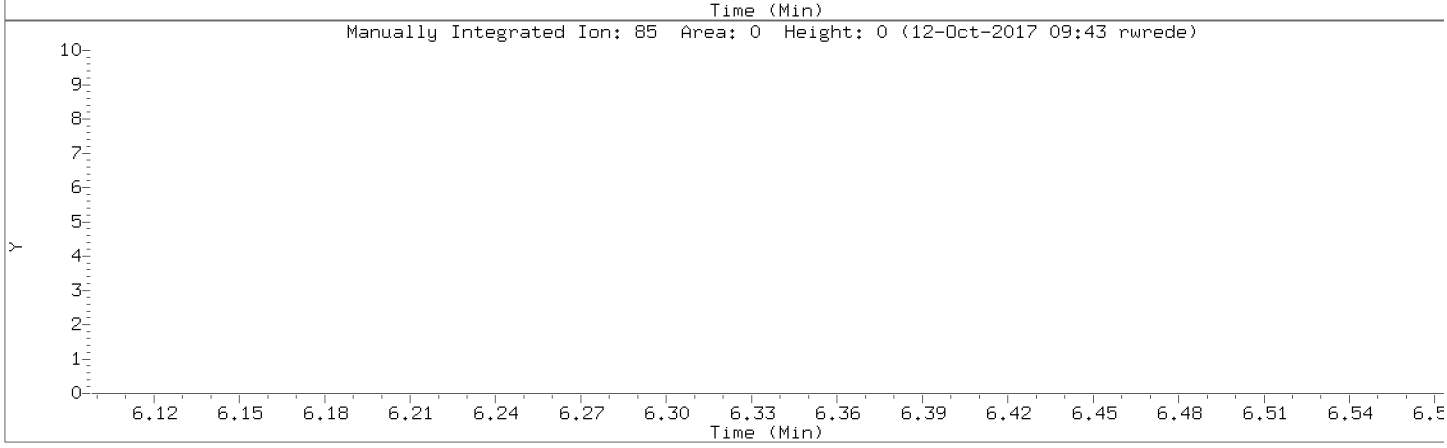
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Bromodichloromethane Review Code: NI
CAS Number: 75-27-4









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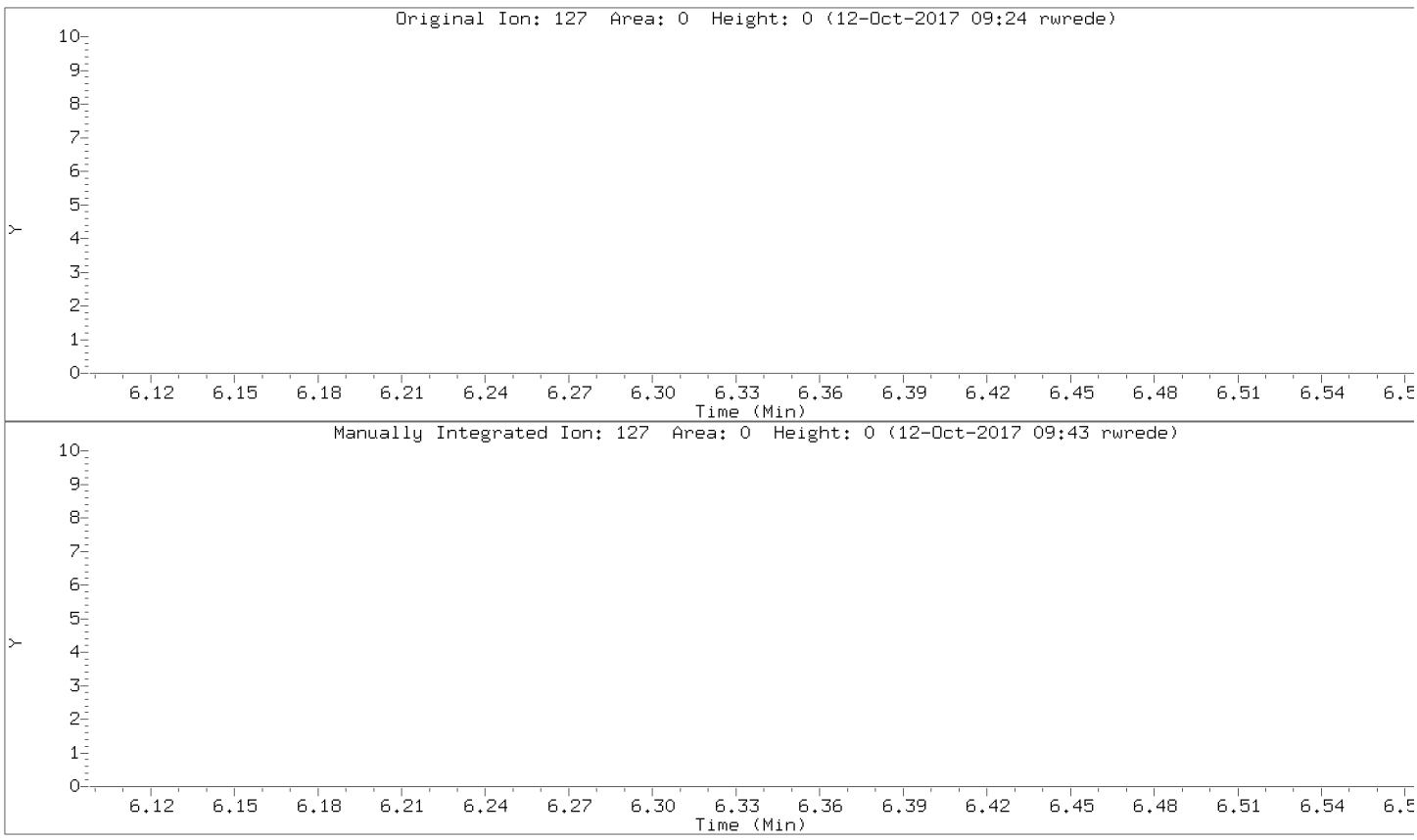
Lab Sample ID: 8260-CAL1



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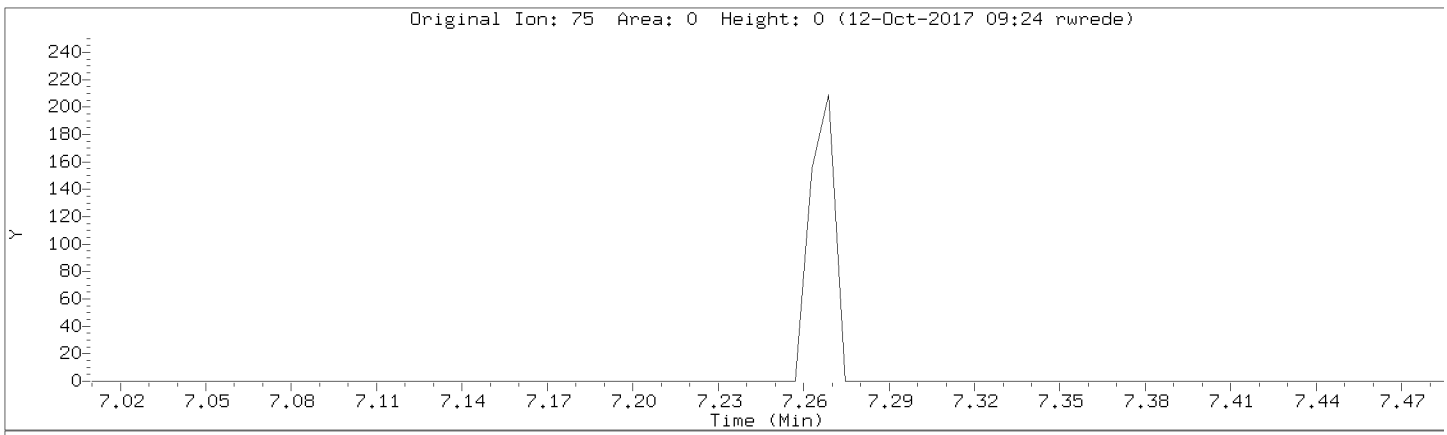
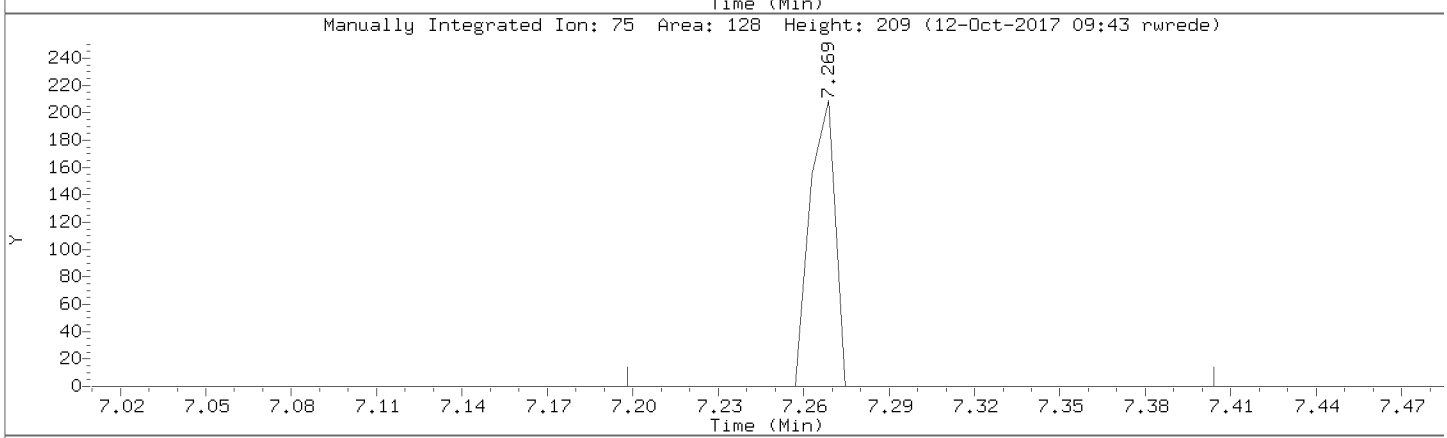
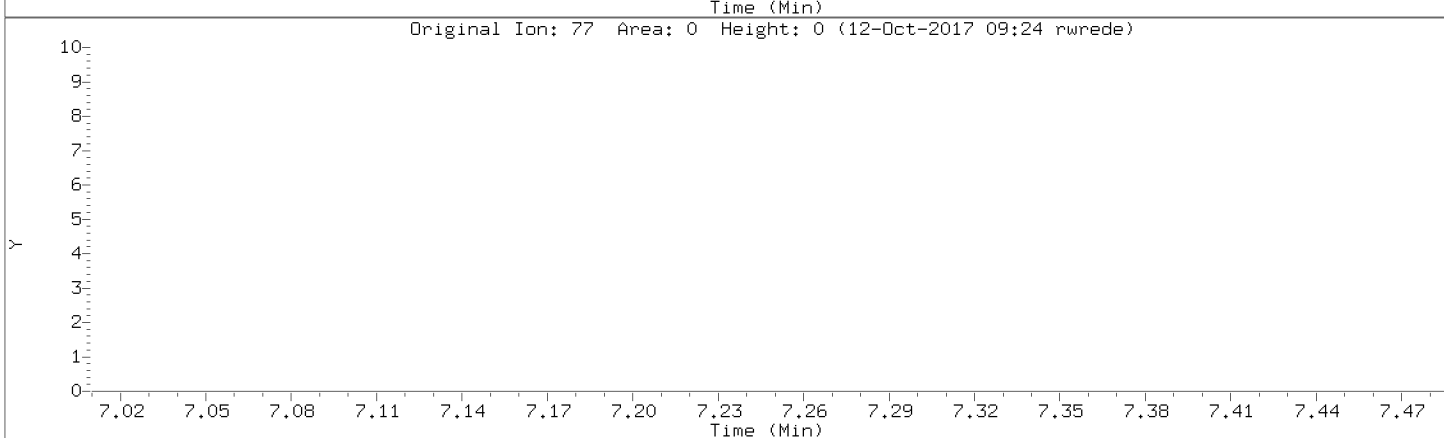
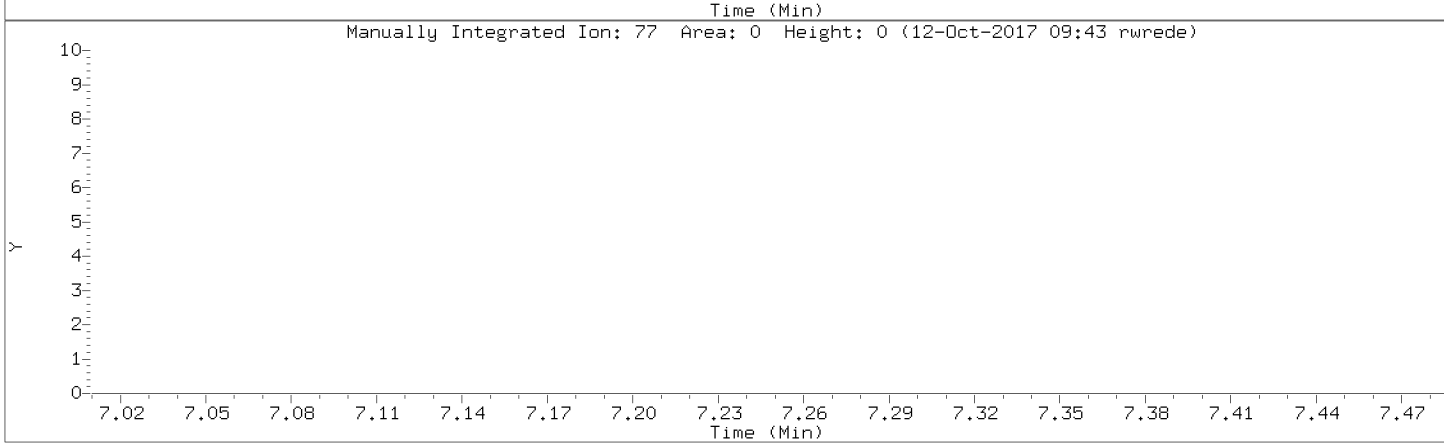
Lab Sample ID: 8260-CAL1

Compound: trans-1,3-Dichloropropene Review Code:
CAS Number: 10061-02-6









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Lab Sample ID: 8260-CAL1

Compound: Trichloroethene Review Code:
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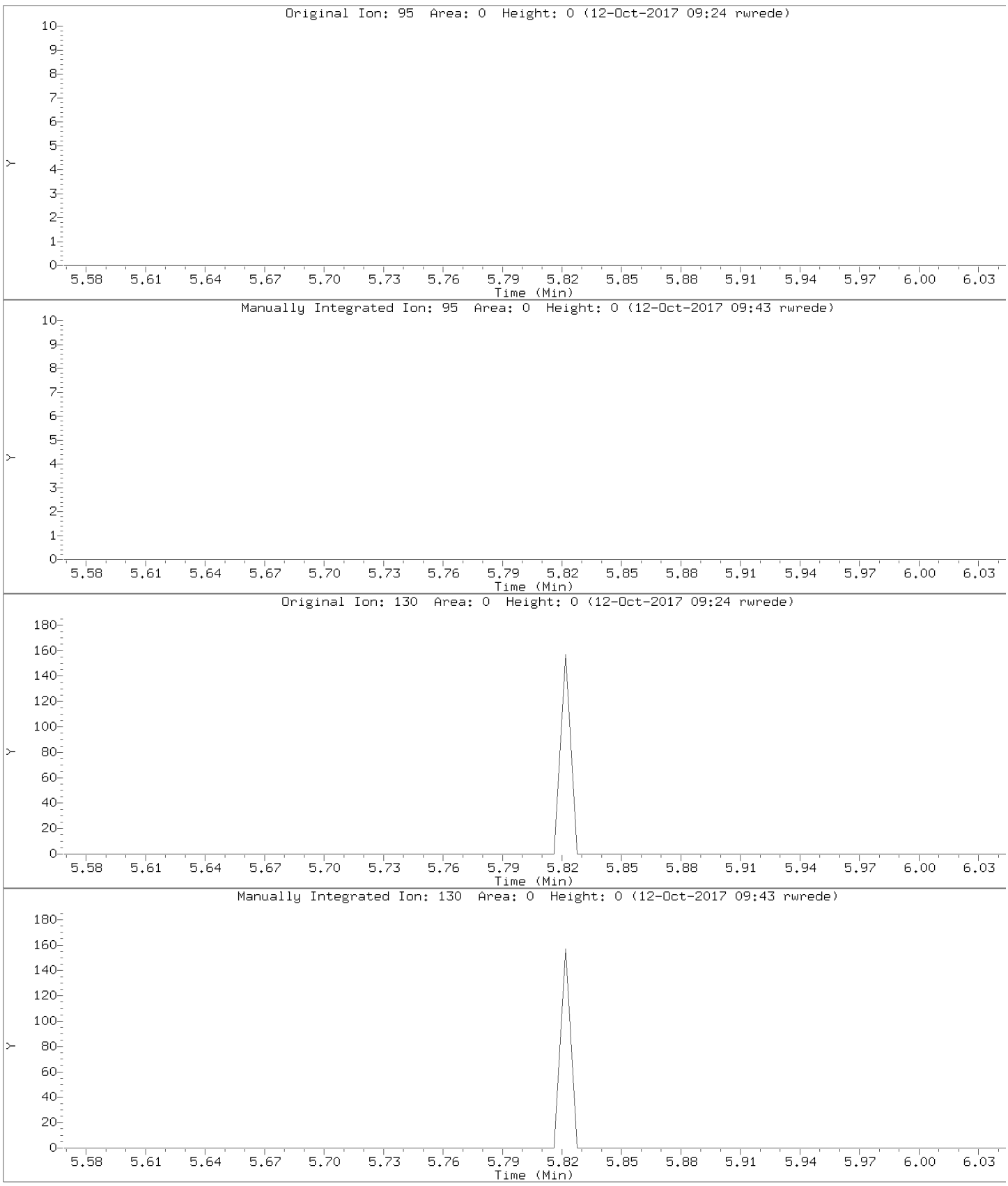

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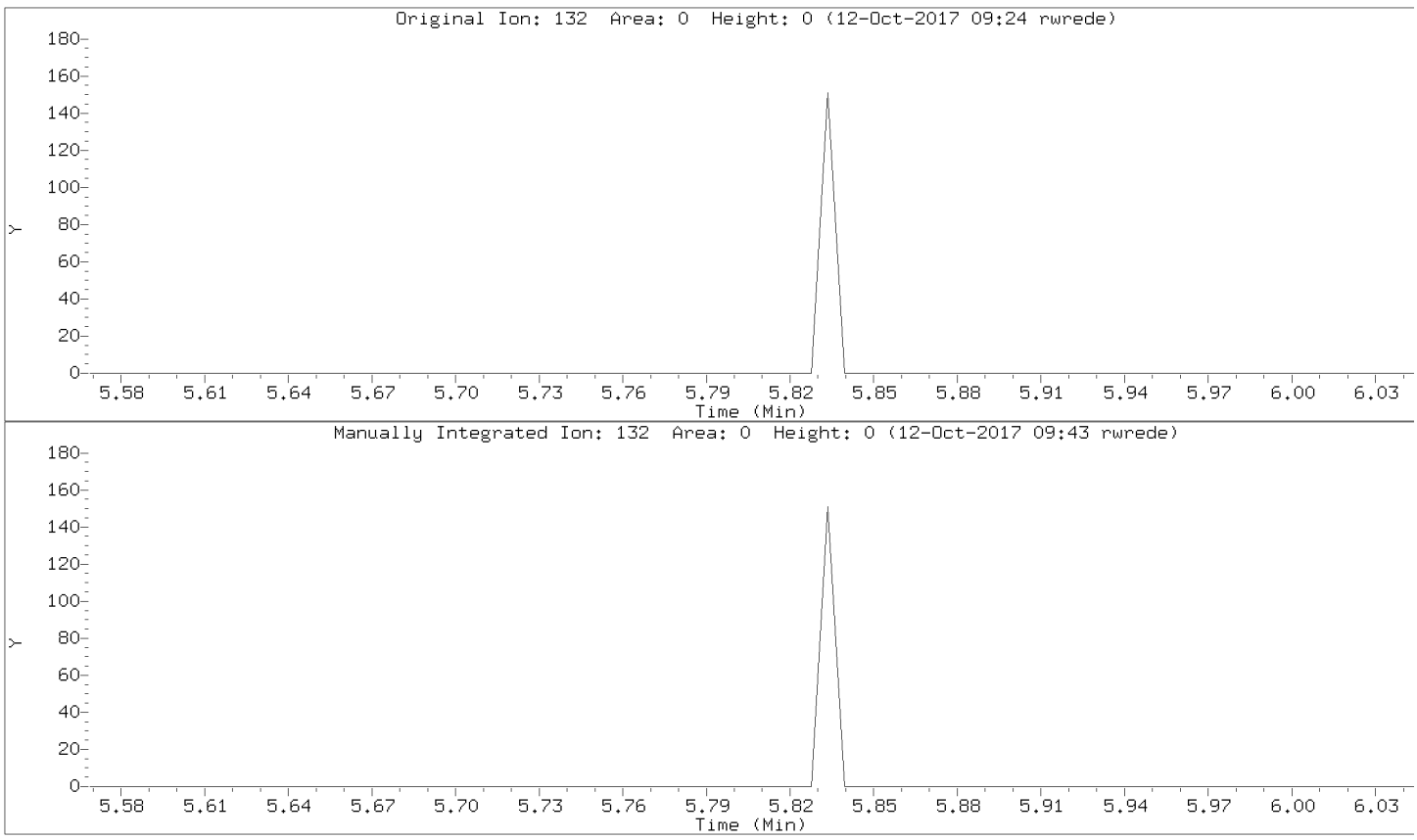
Lab Sample ID: 8260-CAL1



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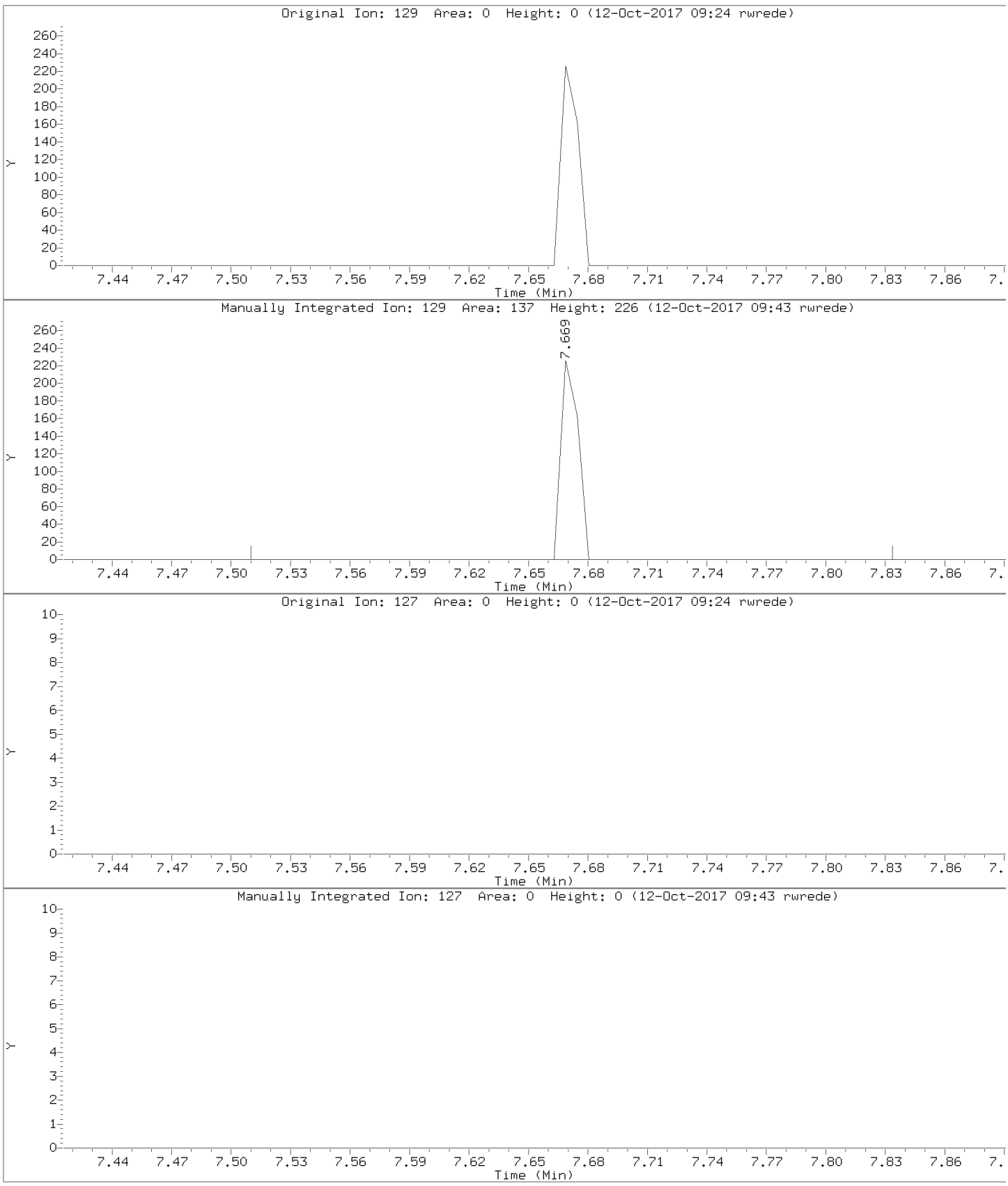
Lab Sample ID: 8260-CAL1

Compound: Dibromochloromethane Review Code: NI
CAS Number: 124-48-1



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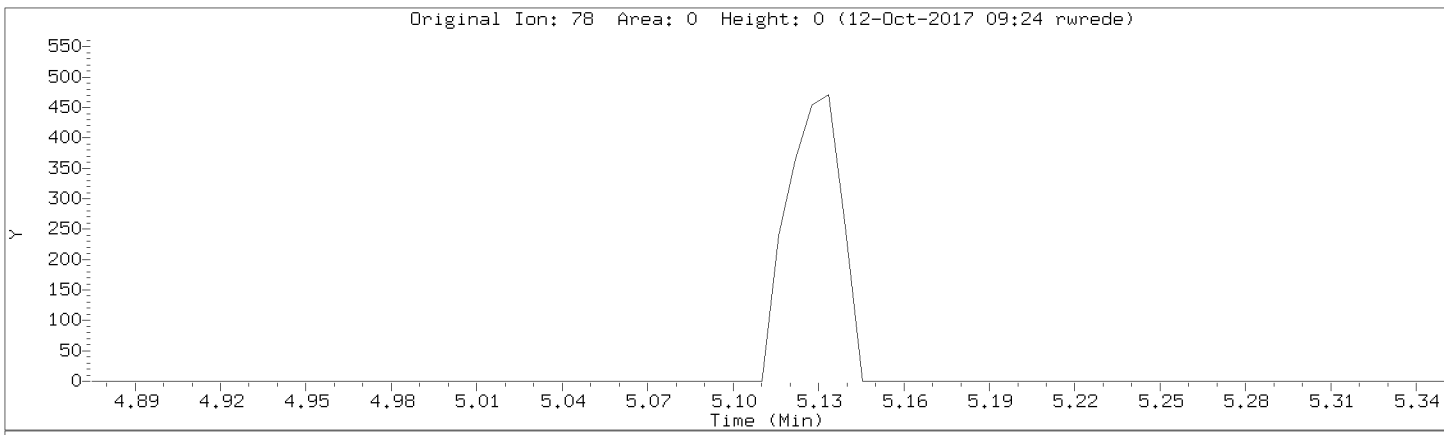
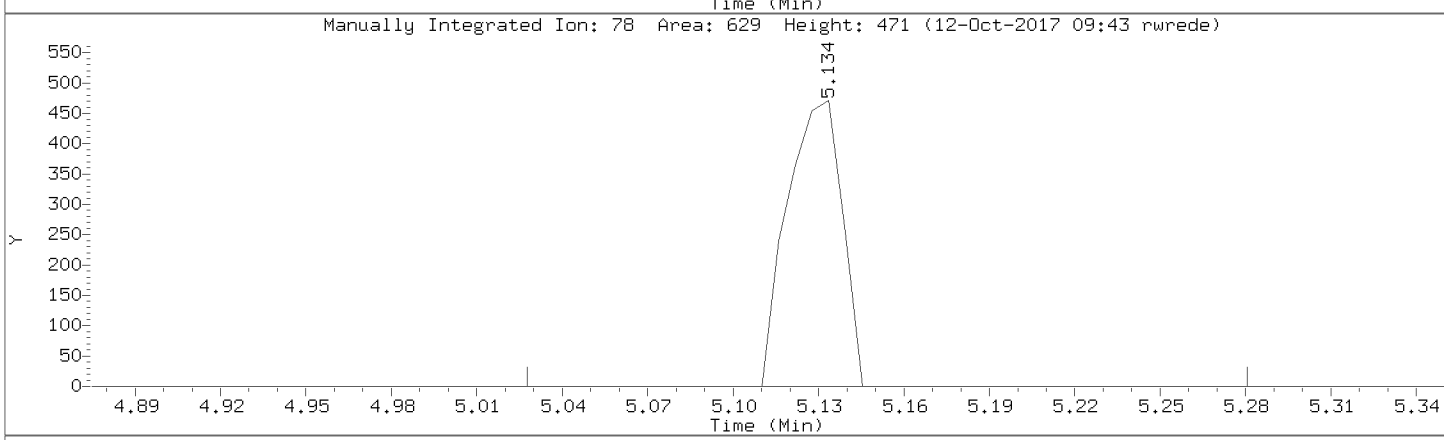
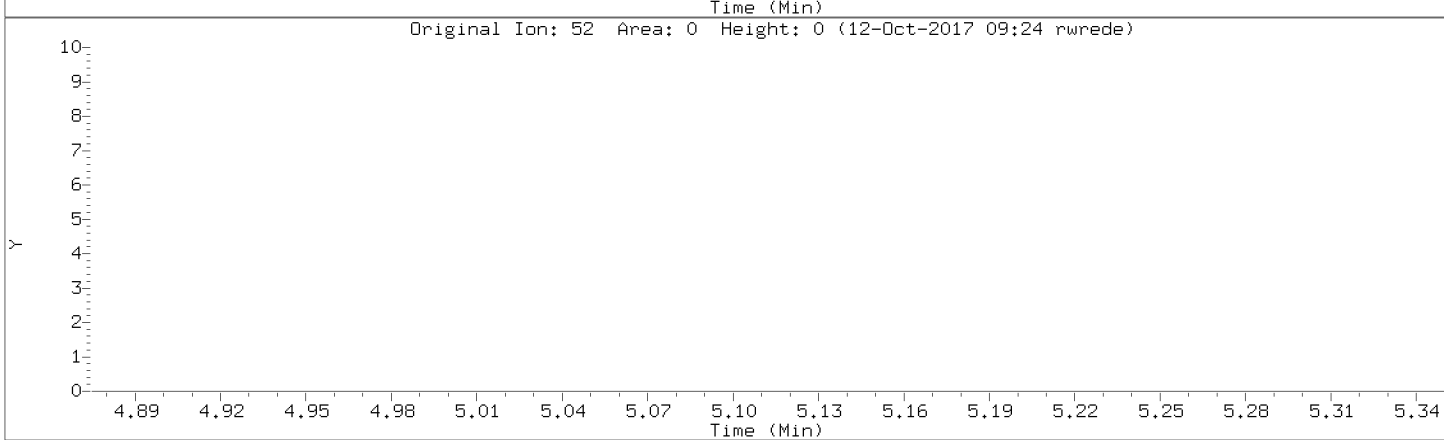
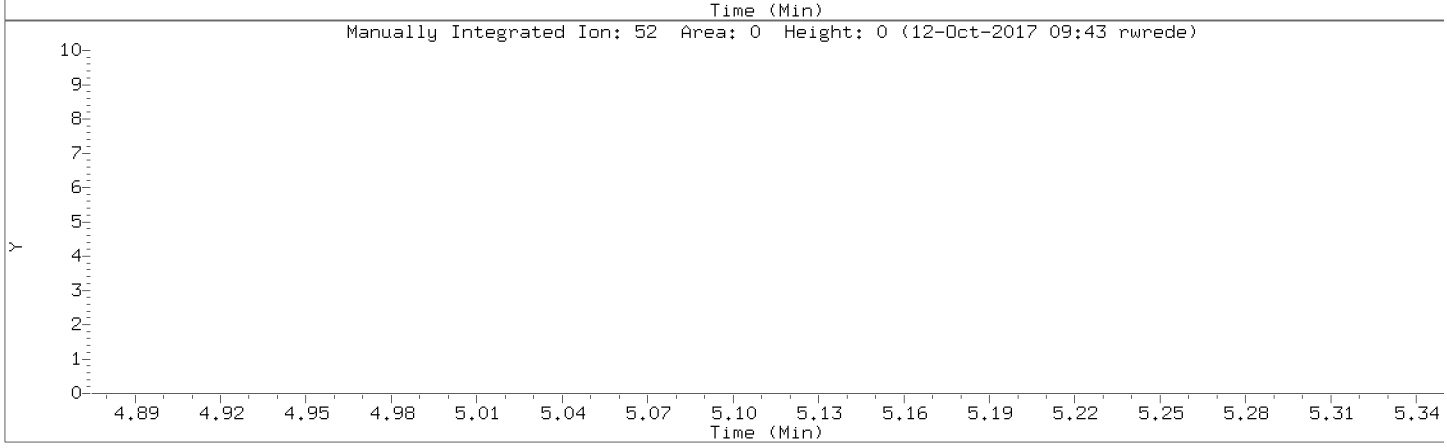
Lab Sample ID: 8260-CAL1

Compound: Benzene Review Code: NI
CAS Number: 71-43-2









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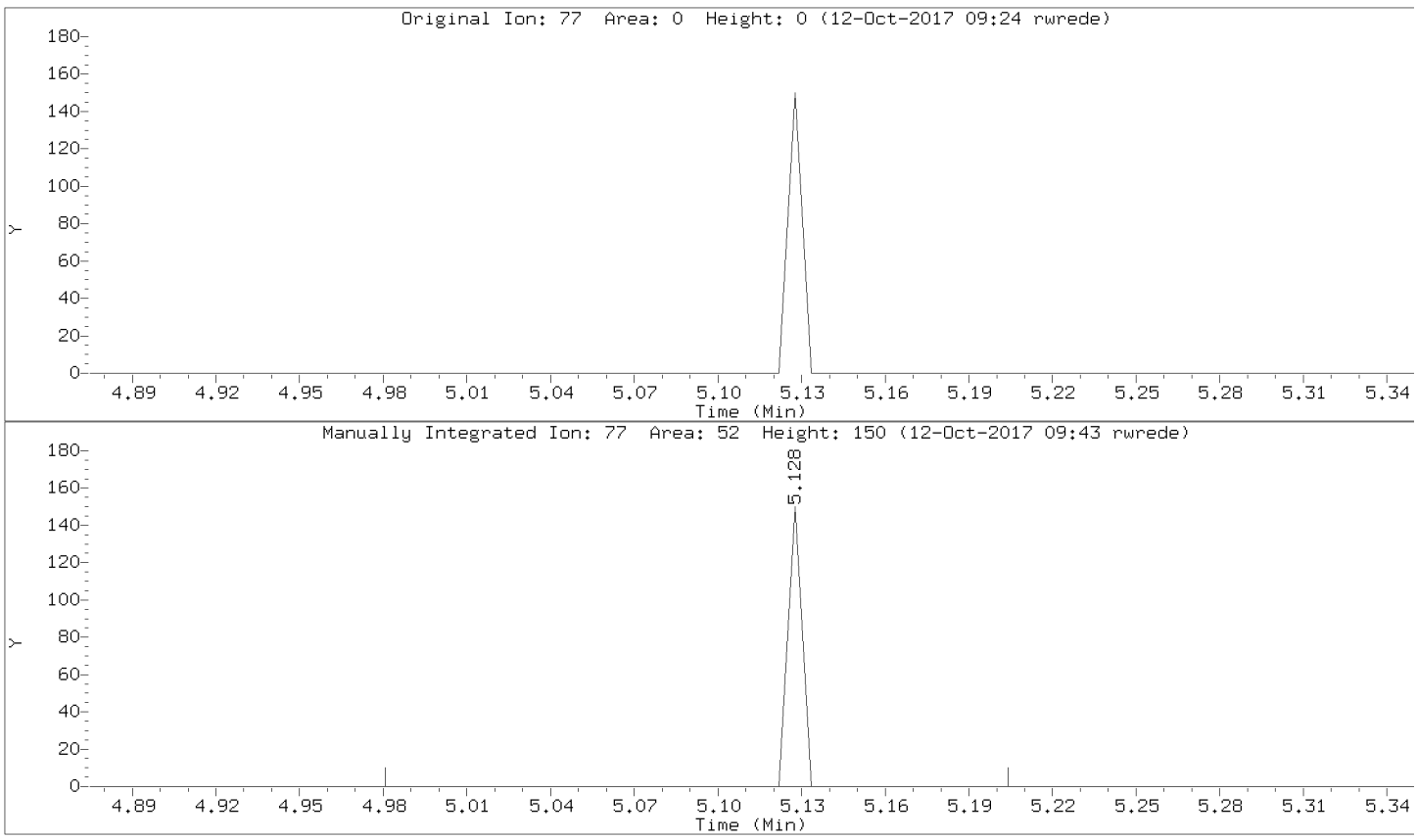
Lab Sample ID: 8260-CAL1



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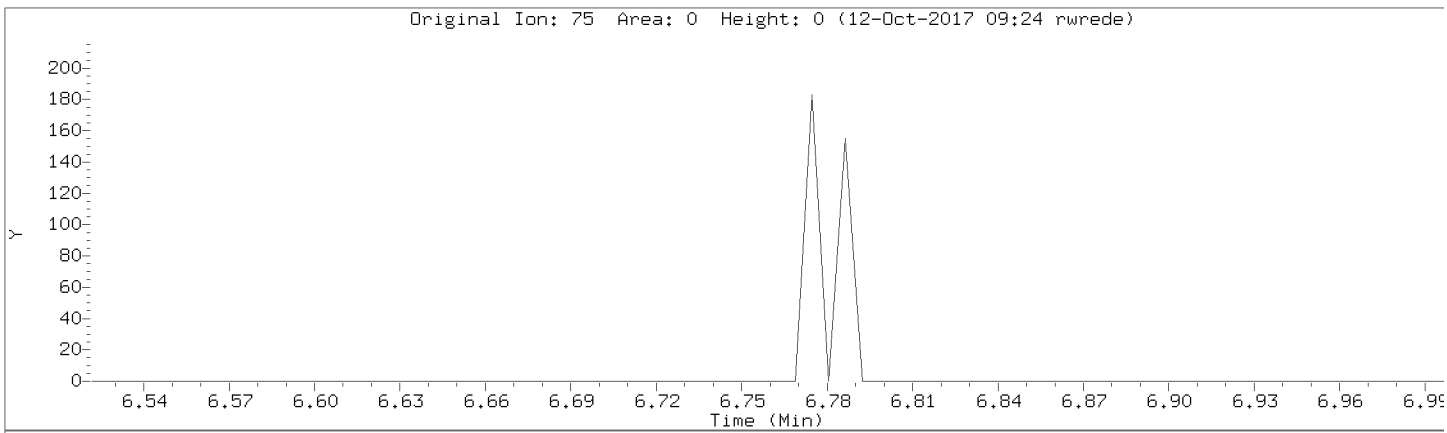
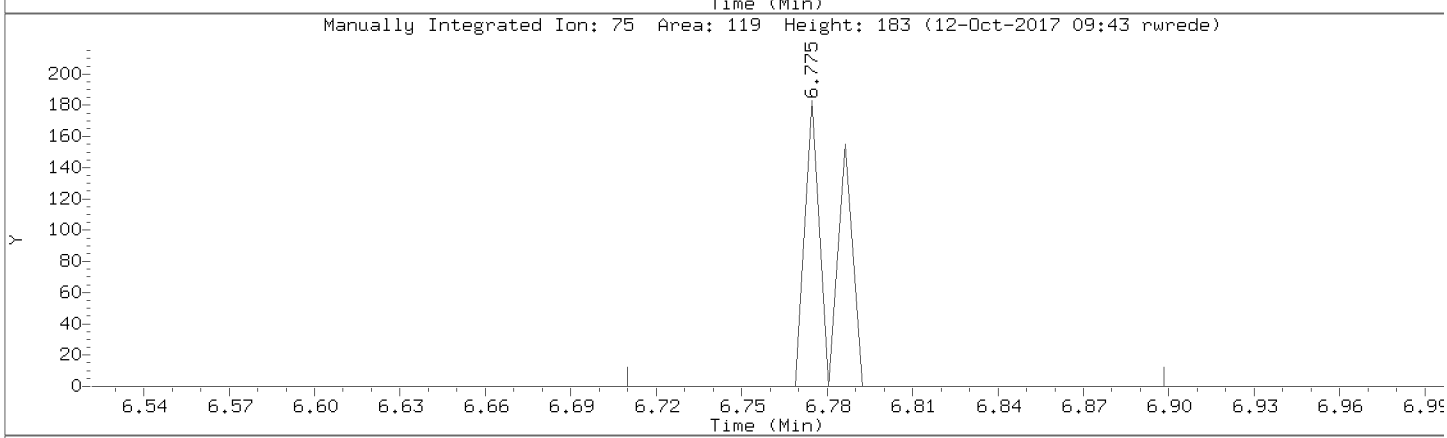
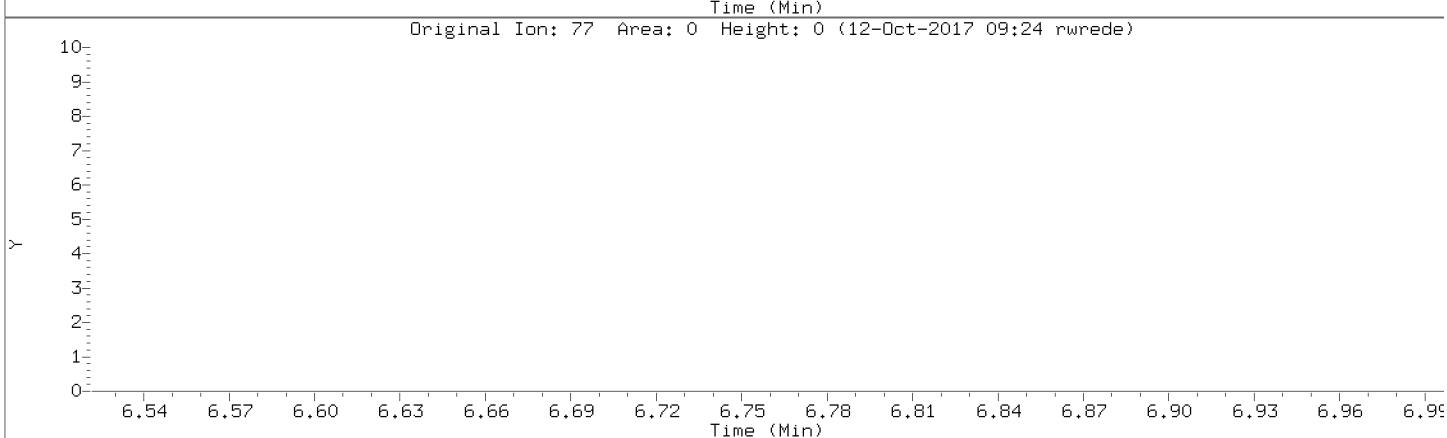
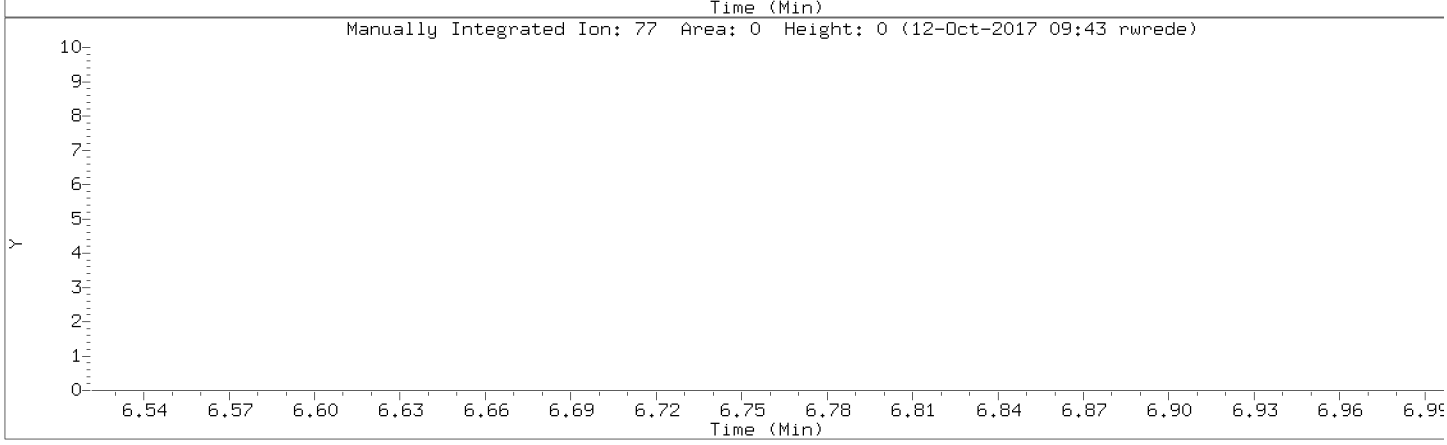
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: cis-1,3-Dichloropropene Review Code: NI
CAS Number: 10061-01-5









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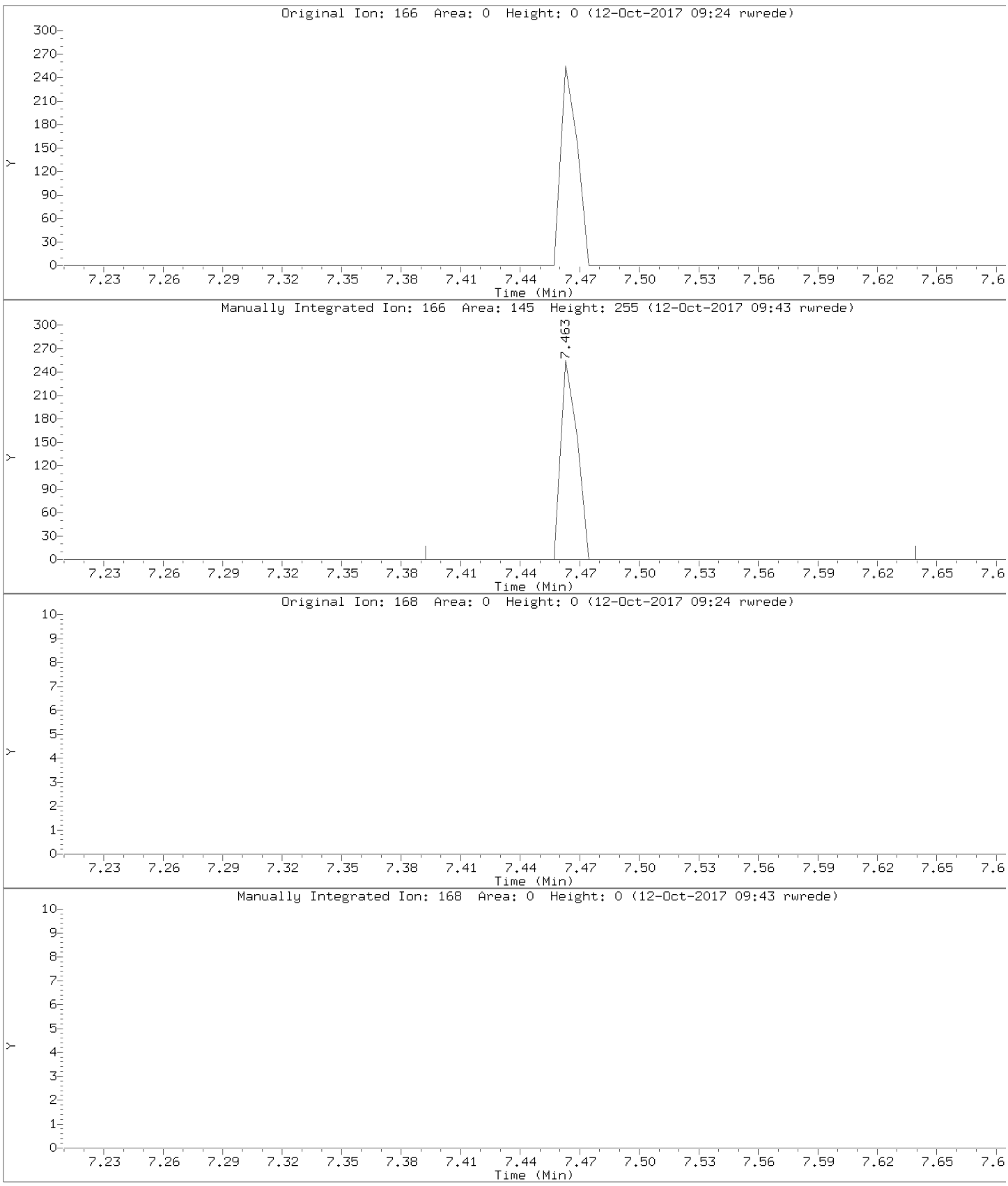
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Tetrachloroethene Review Code: NI
CAS Number: 127-18-4



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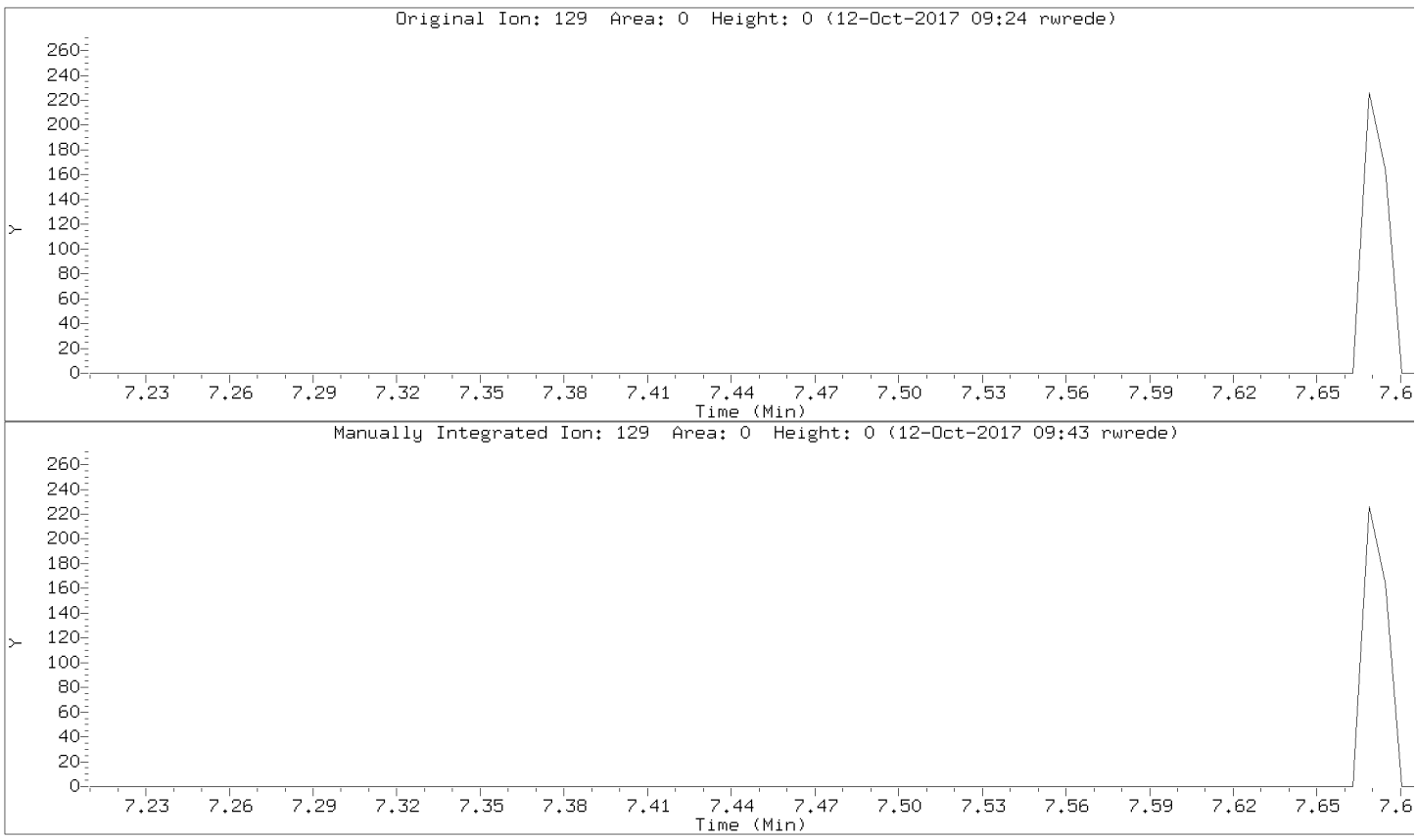

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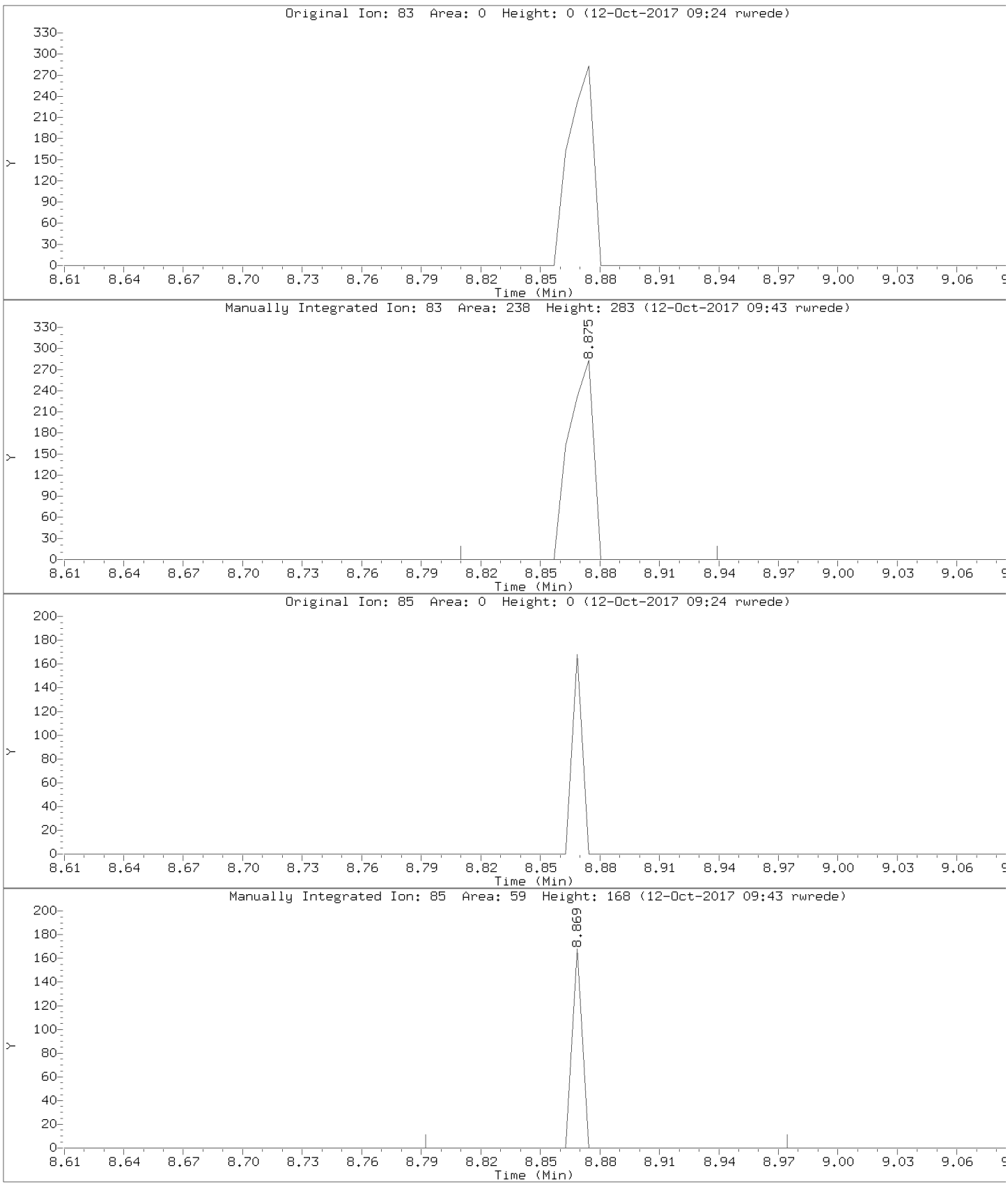
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,1,2,2-Tetrachloroethane Review Code: NI
CAS Number: 79-34-5



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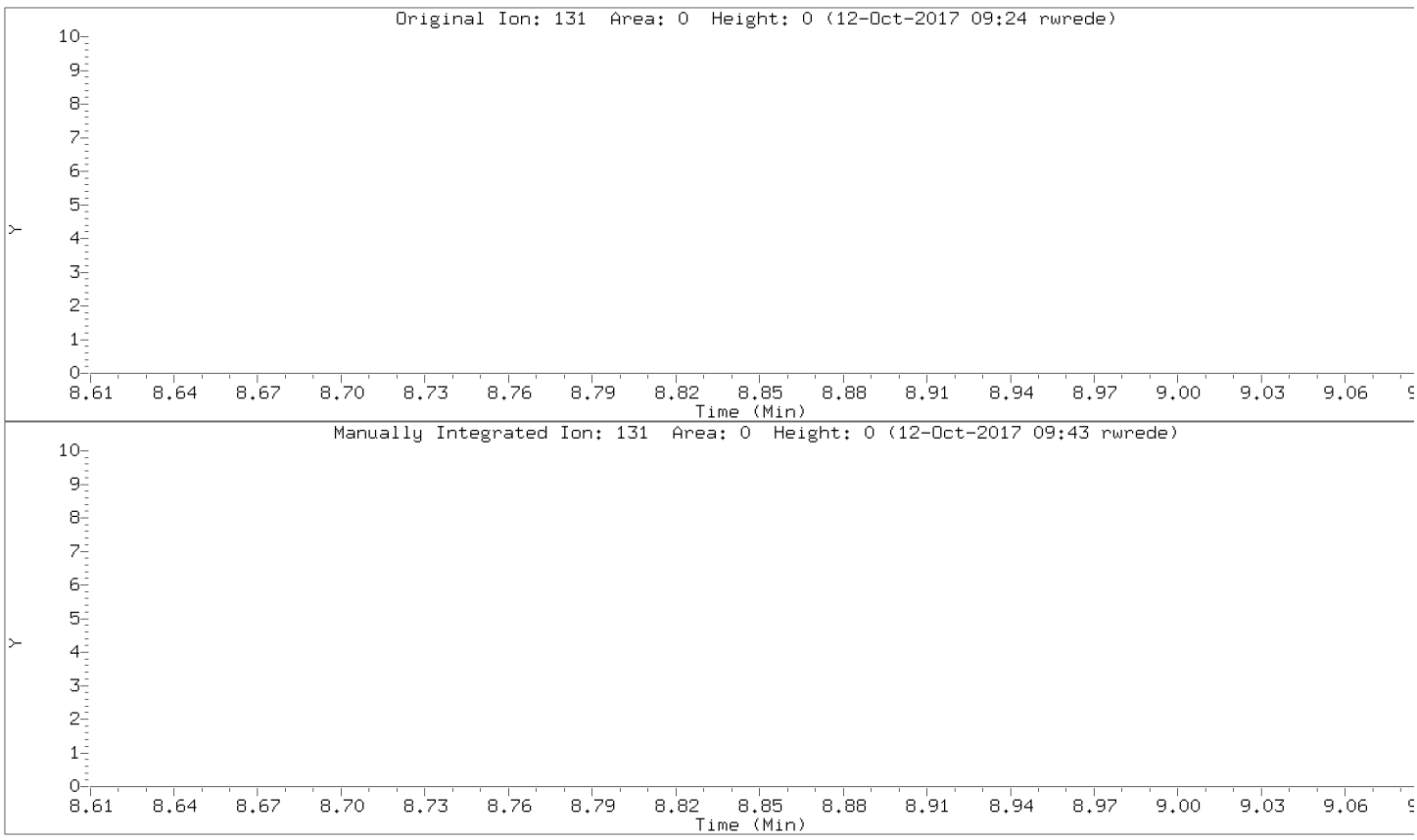

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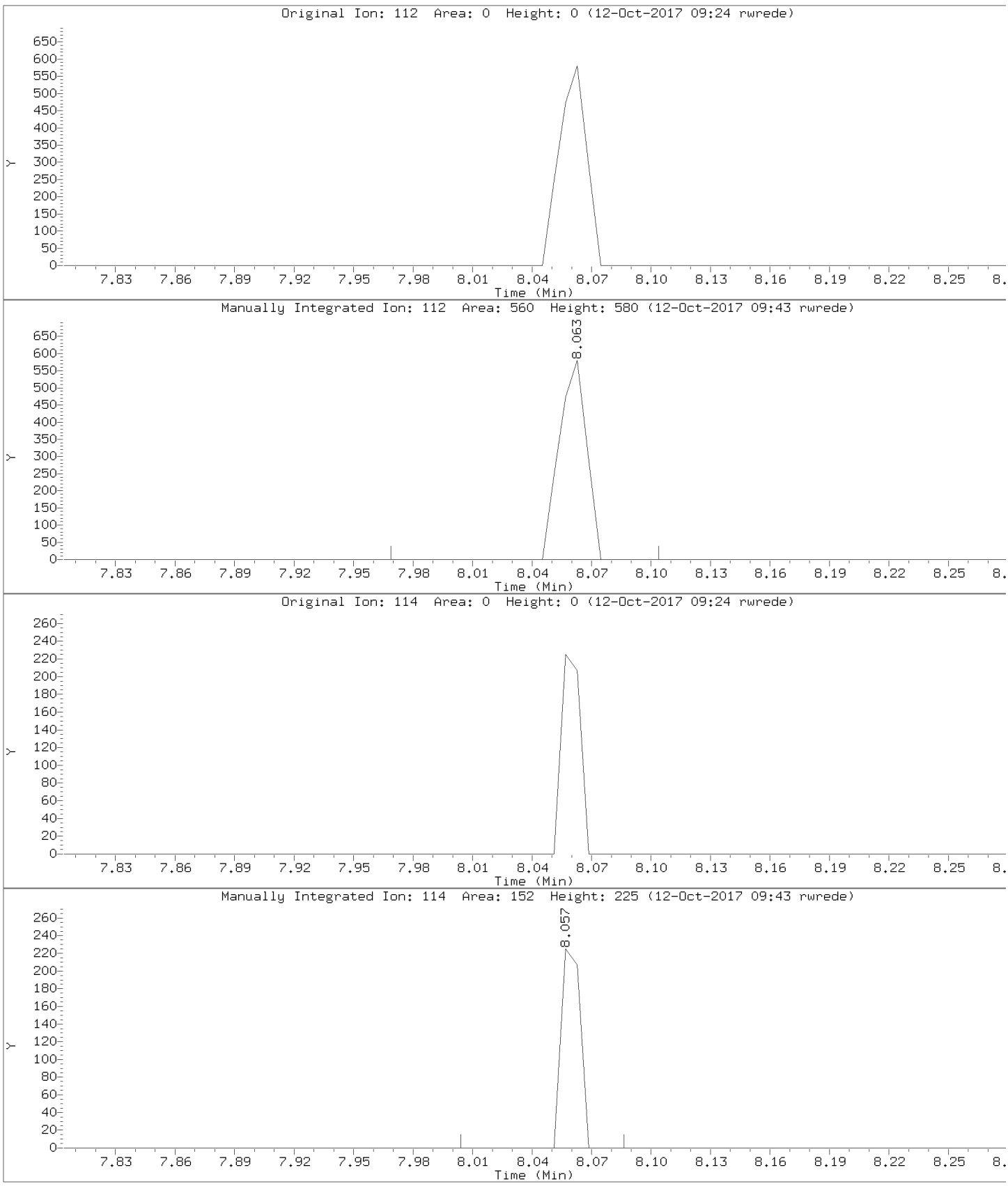
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Chlorobenzene Review Code: NI
CAS Number: 108-90-7



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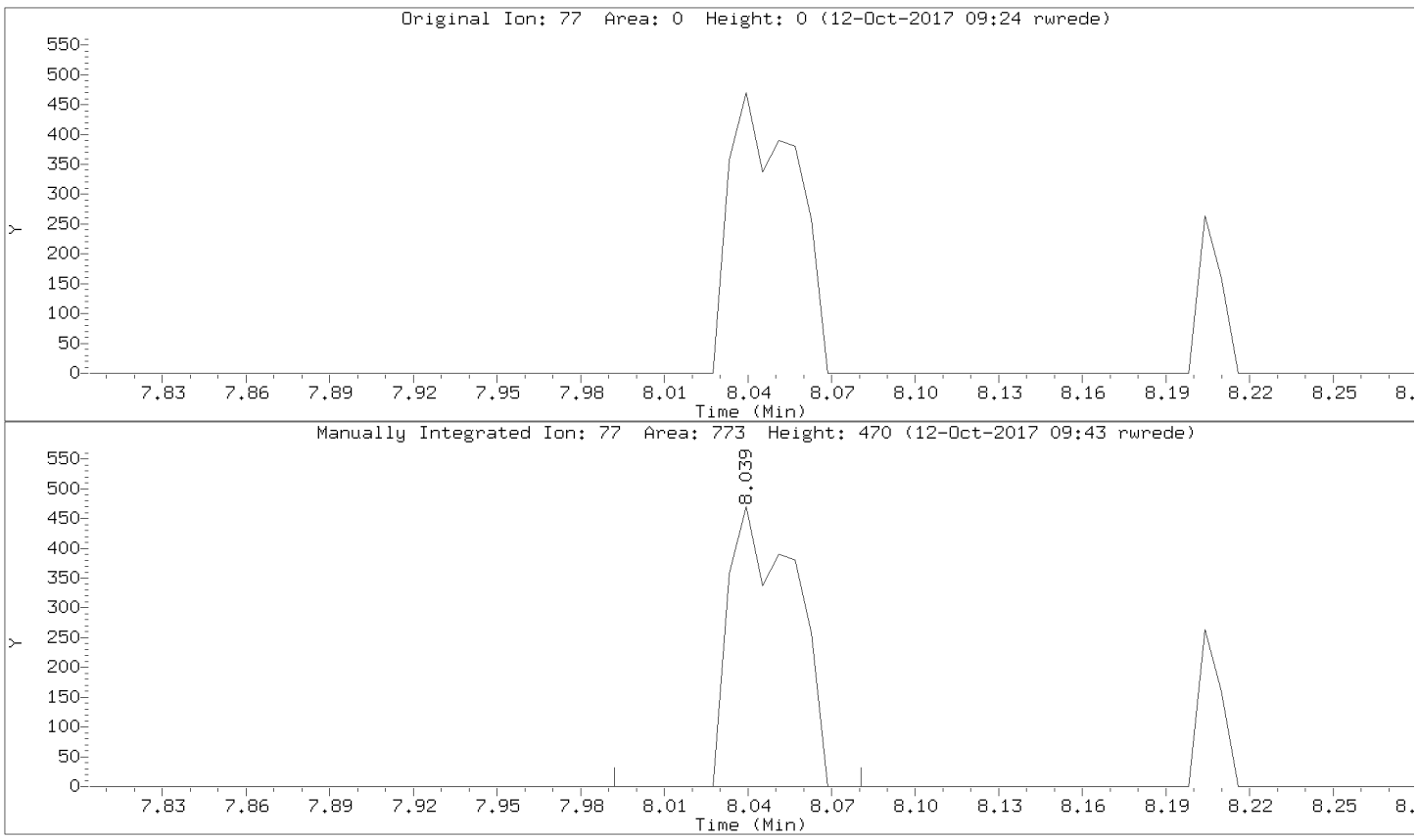
Lab Sample ID: 8260-CAL1



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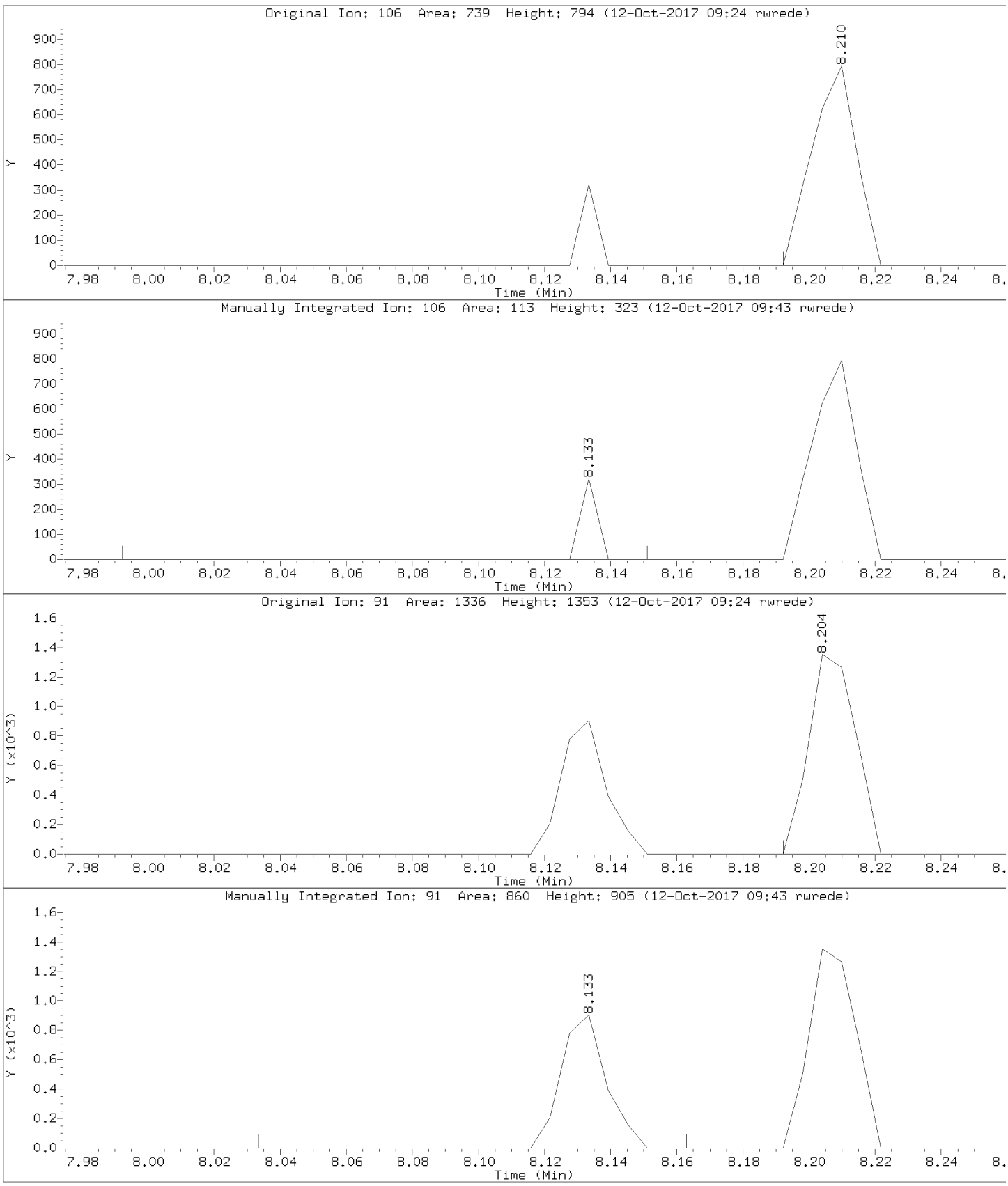
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Ethylbenzene Review Code: WP
CAS Number: 100-41-4



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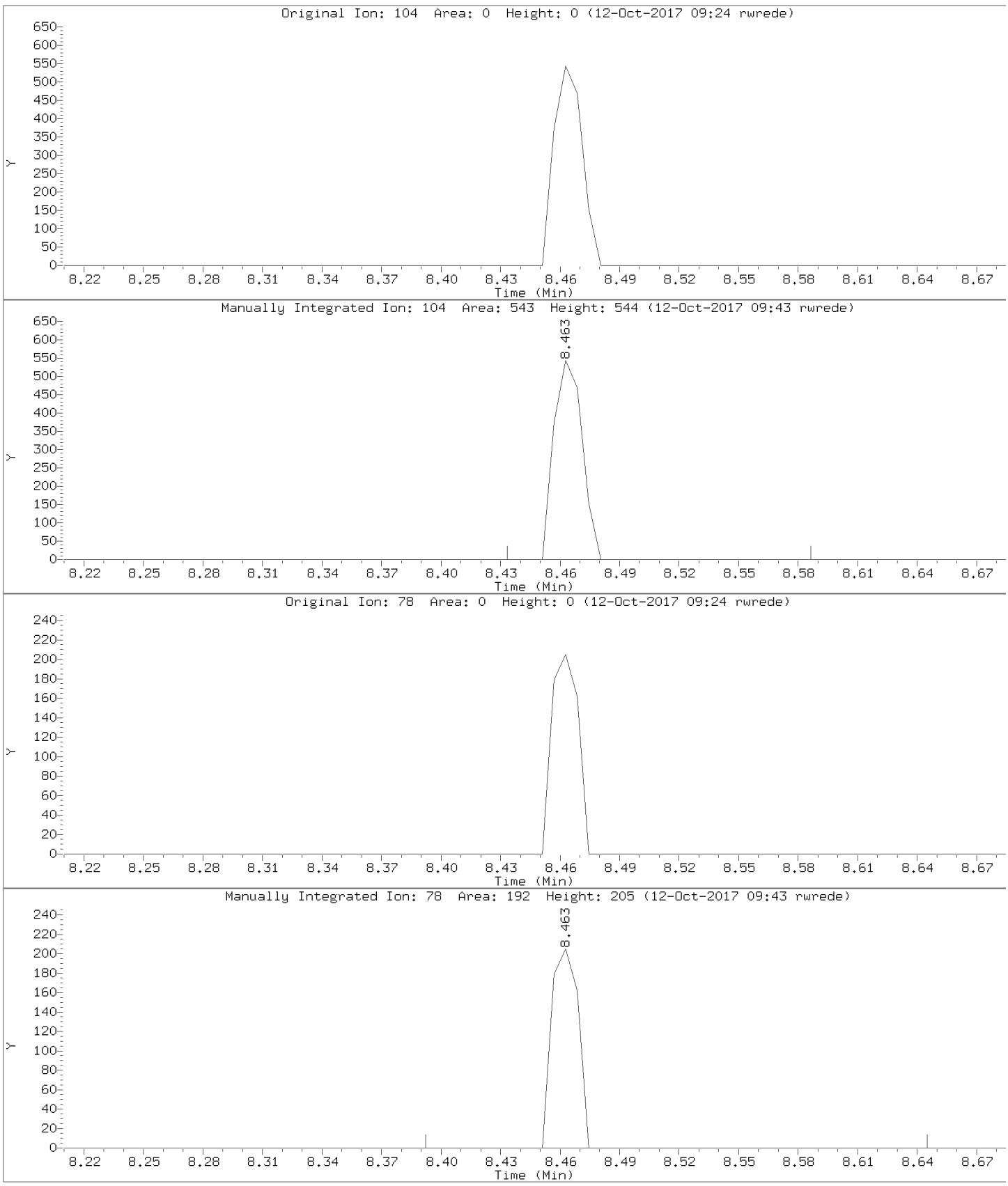
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Styrene Review Code: NI
CAS Number: 100-42-5



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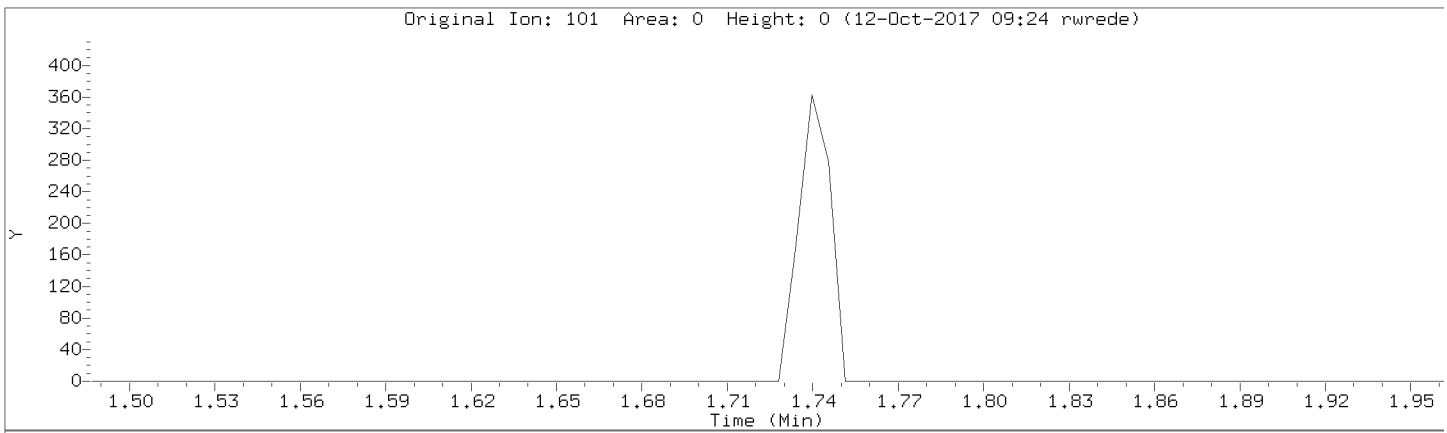
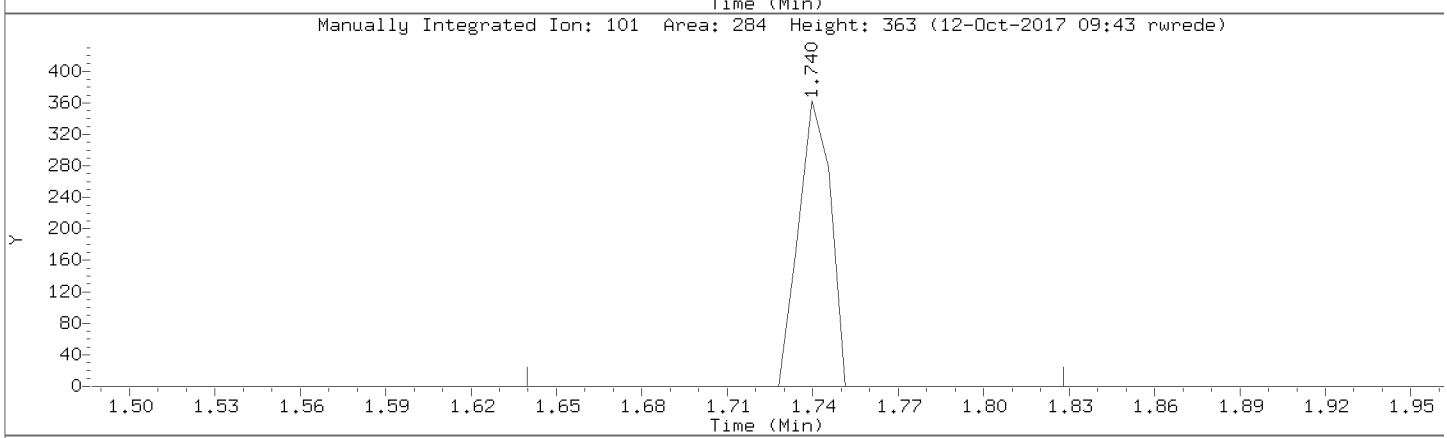
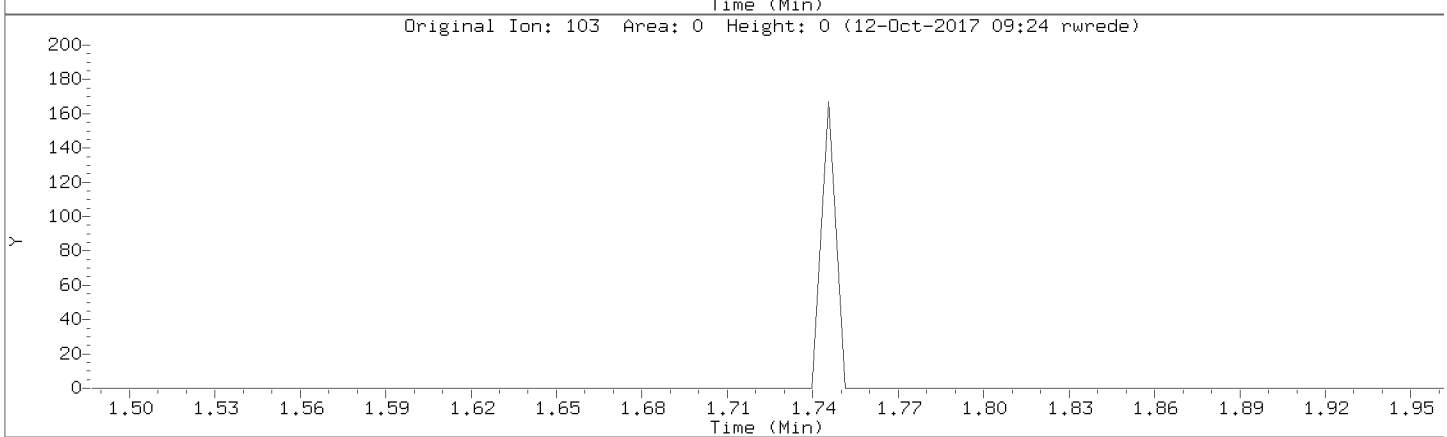
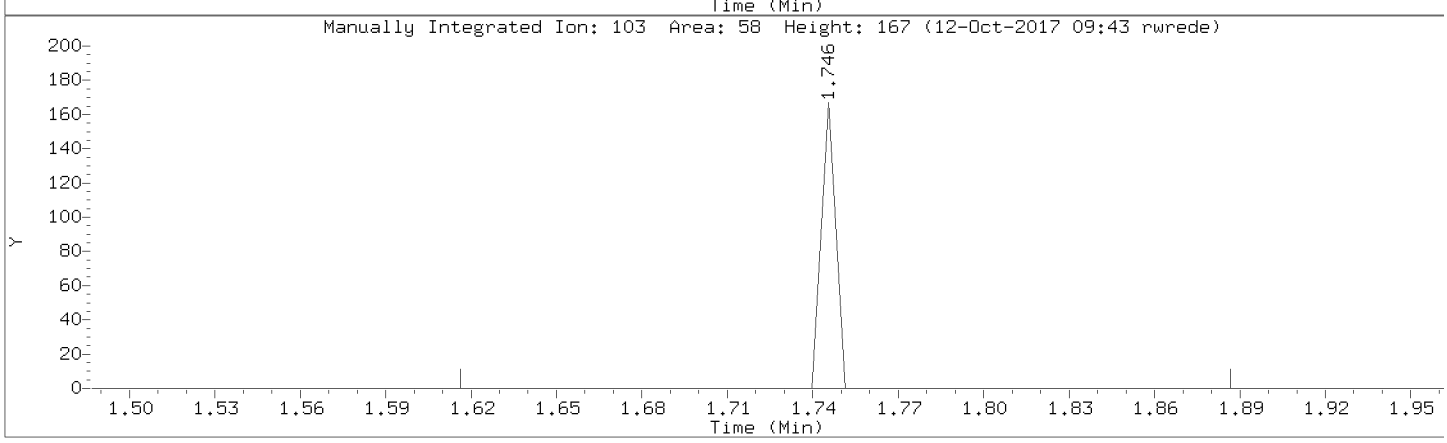
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Trichlorofluoromethane Review Code: NI
CAS Number: 75-69-4









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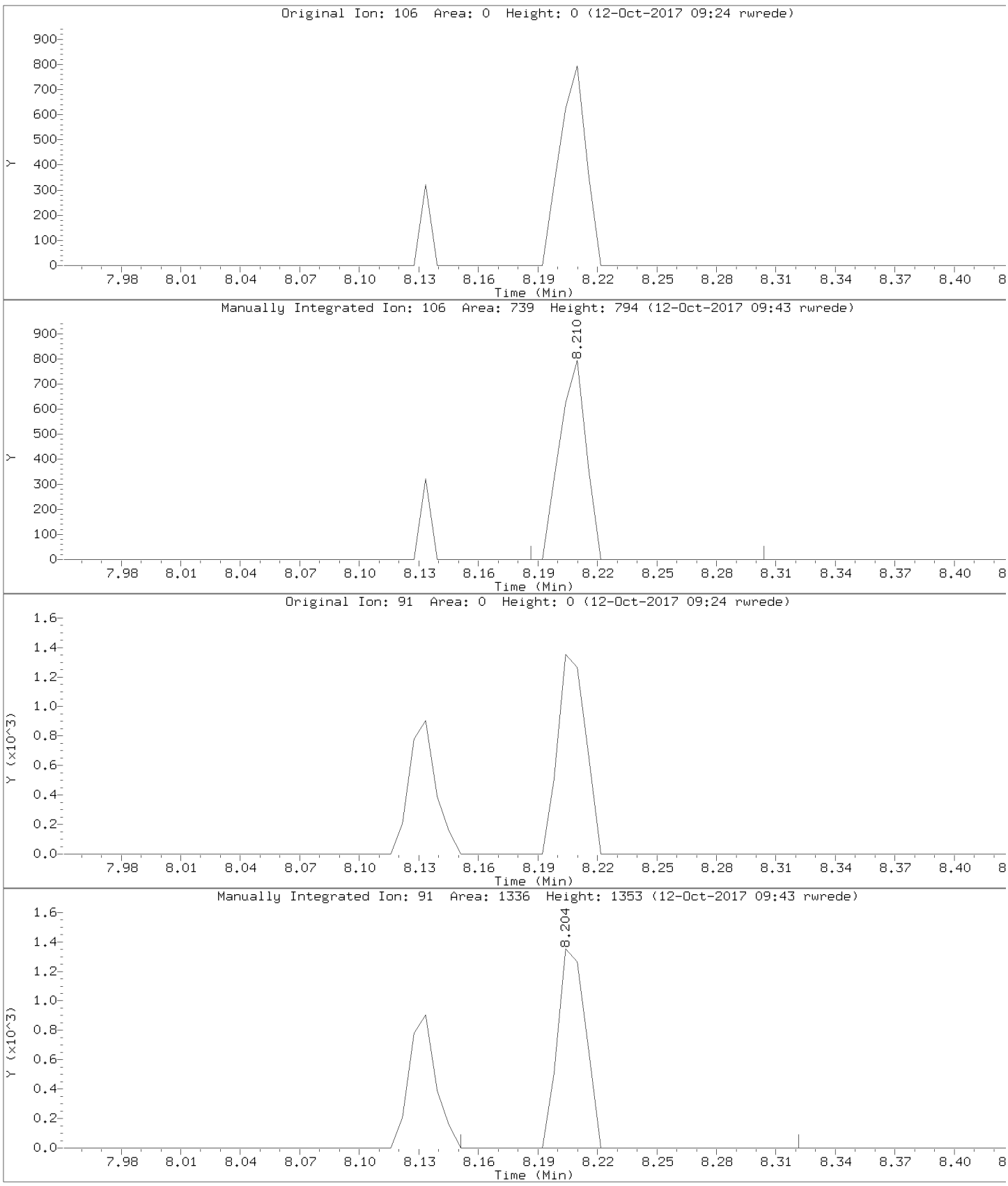
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: m&p-Xylene Review Code: NI
CAS Number: 7816-60-0



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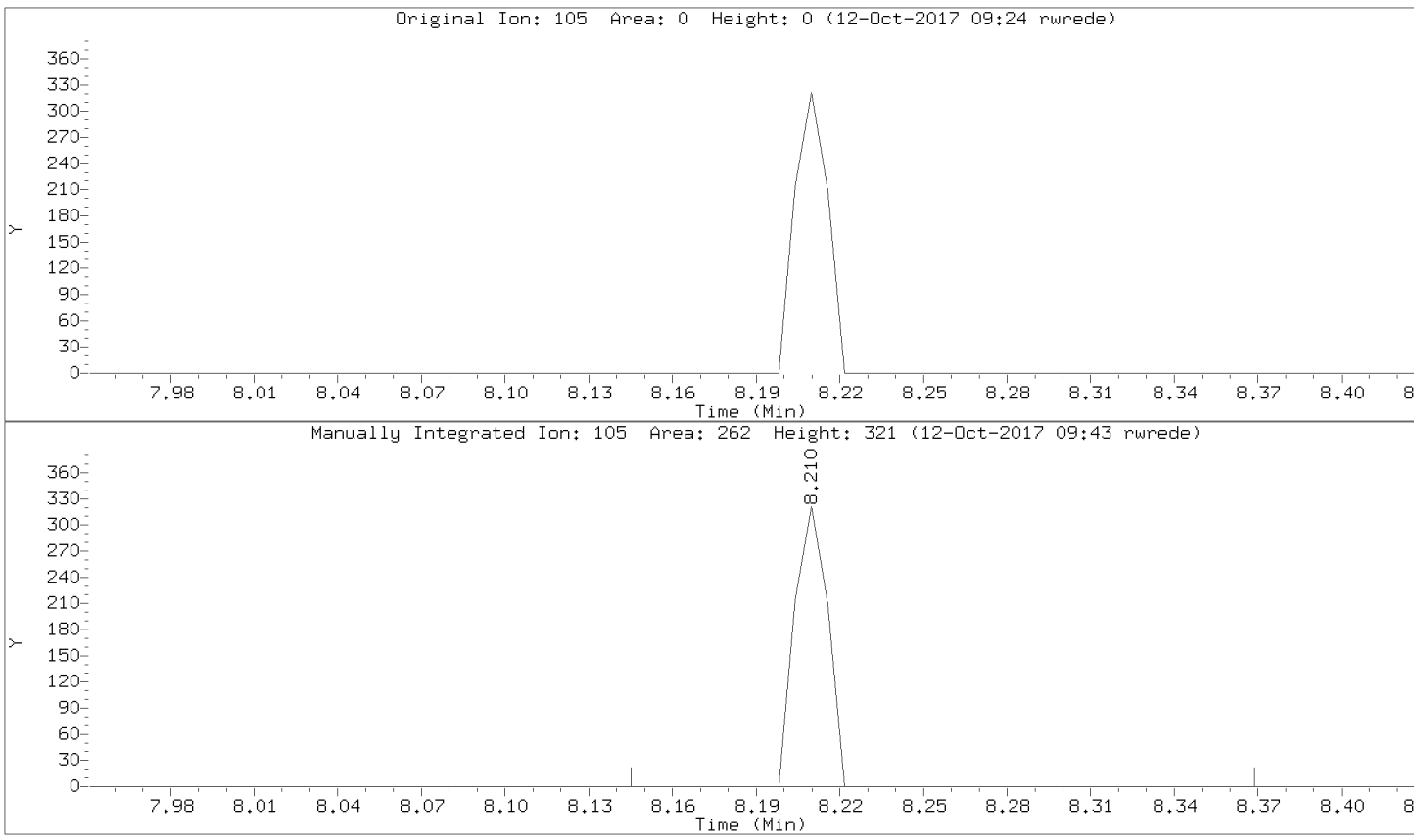
Lab Sample ID: 8260-CAL1



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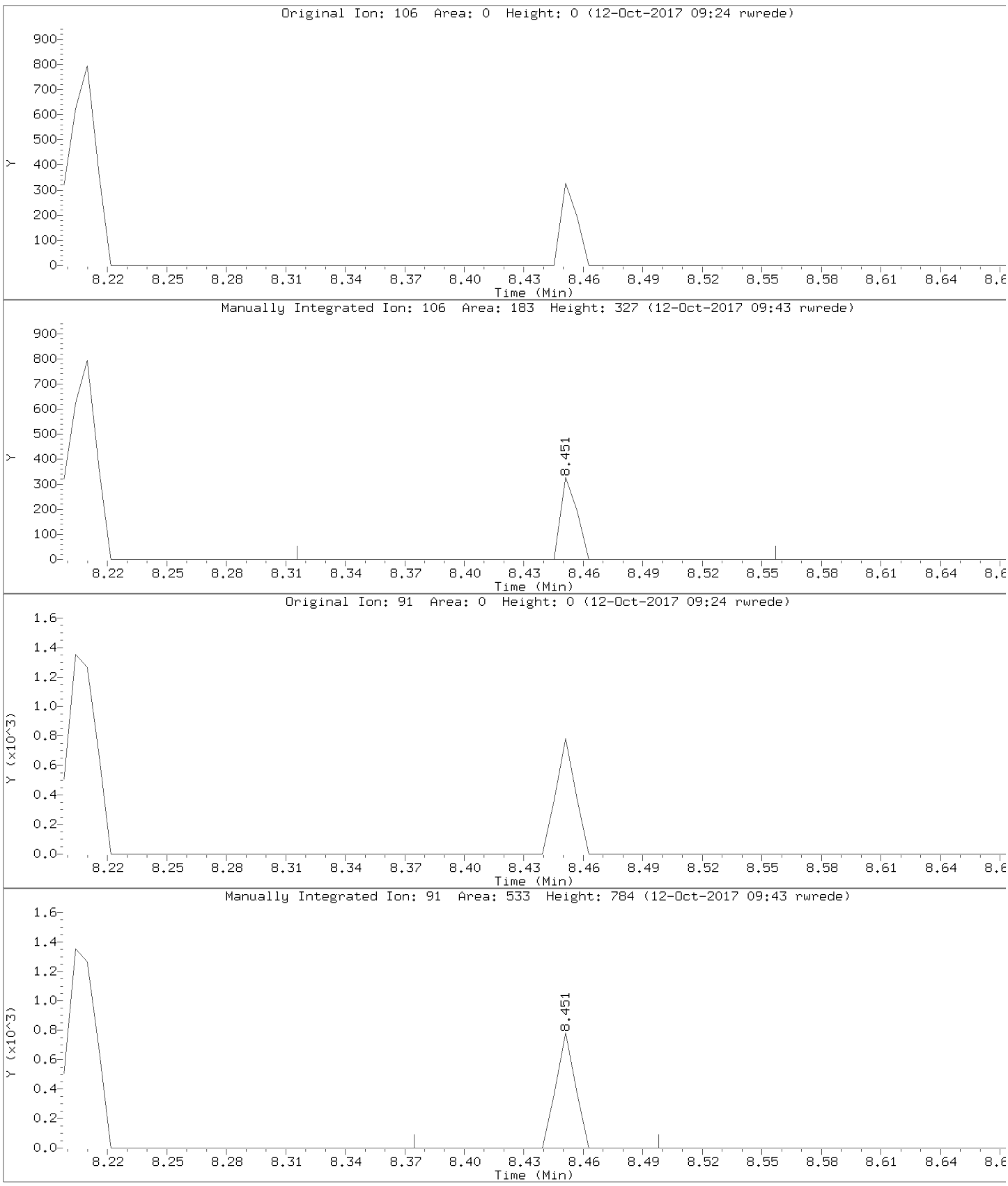
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: o-Xylene Review Code: NI
CAS Number: 95-47-6



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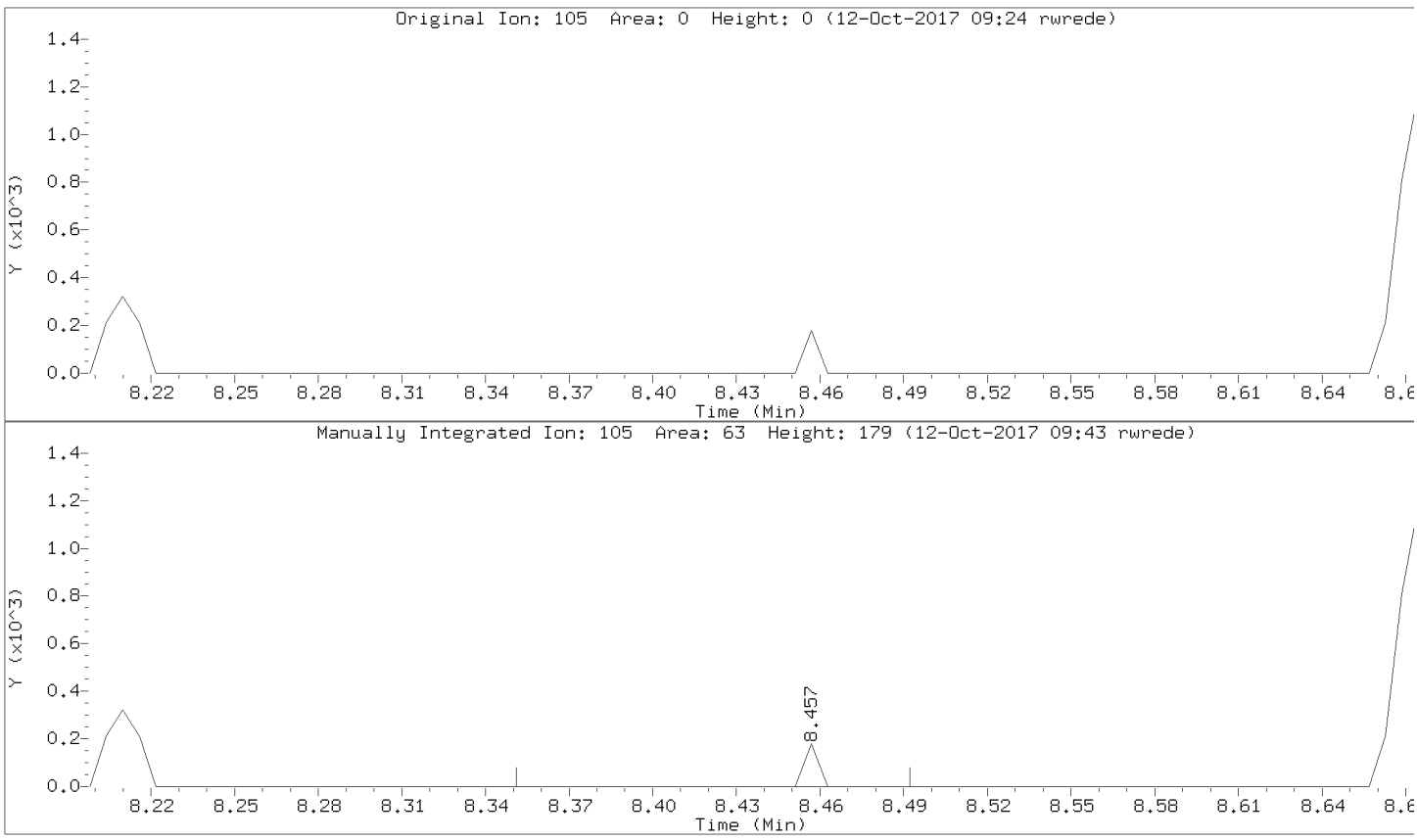
Lab Sample ID: 8260-CAL1



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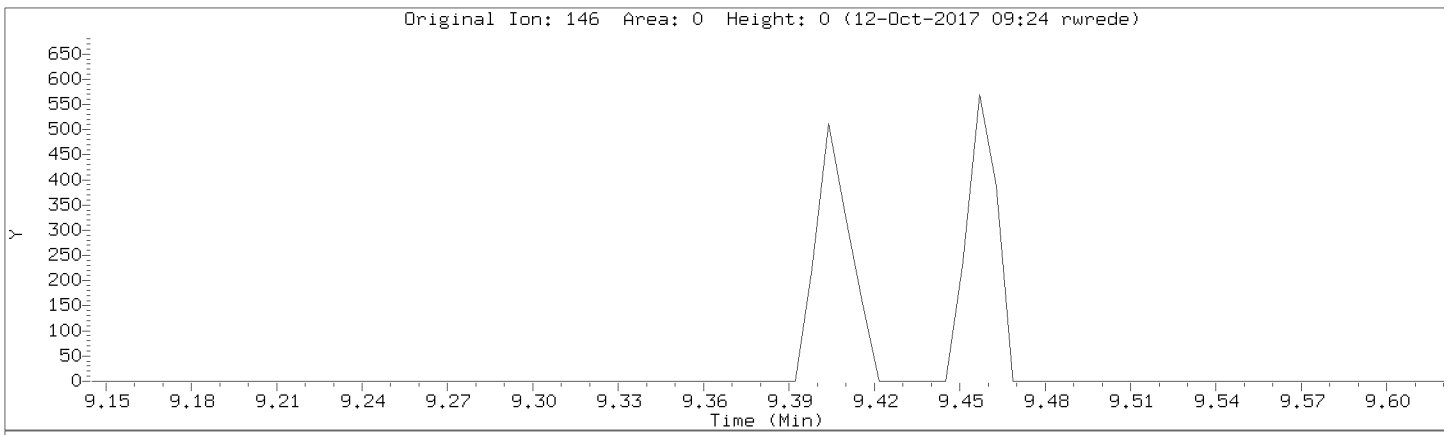
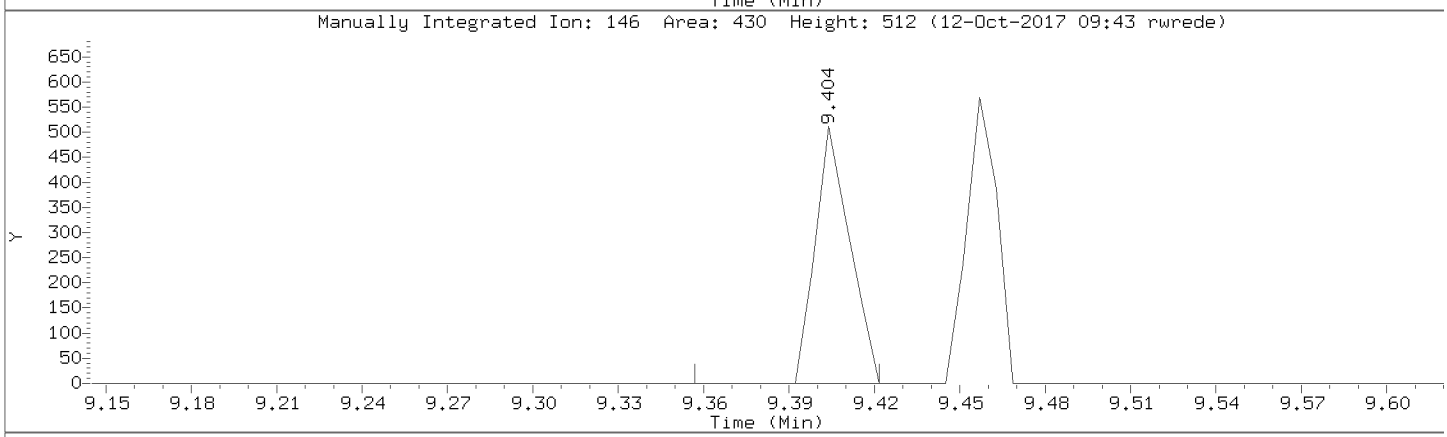
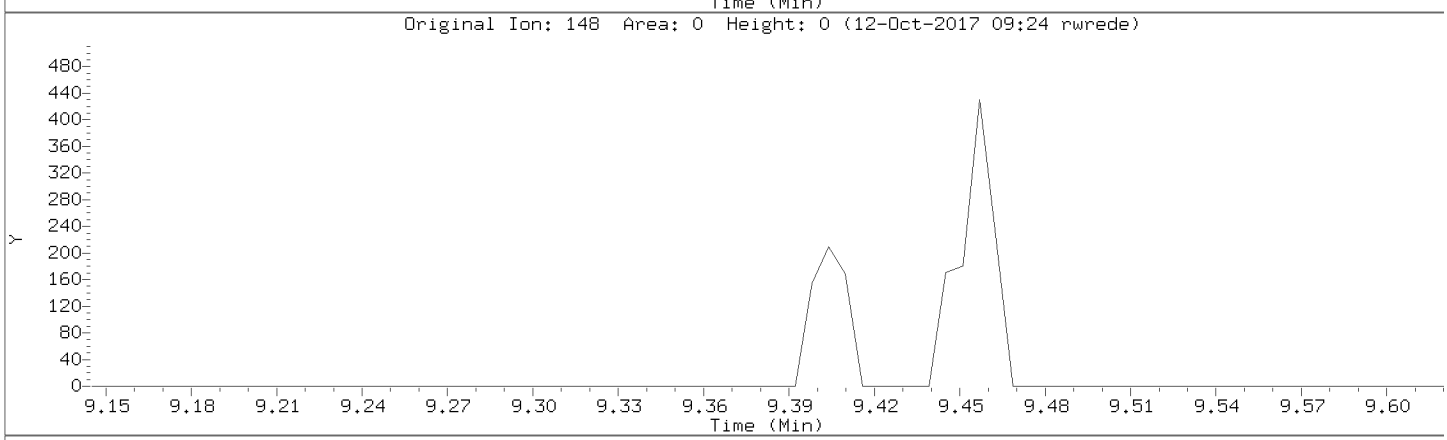
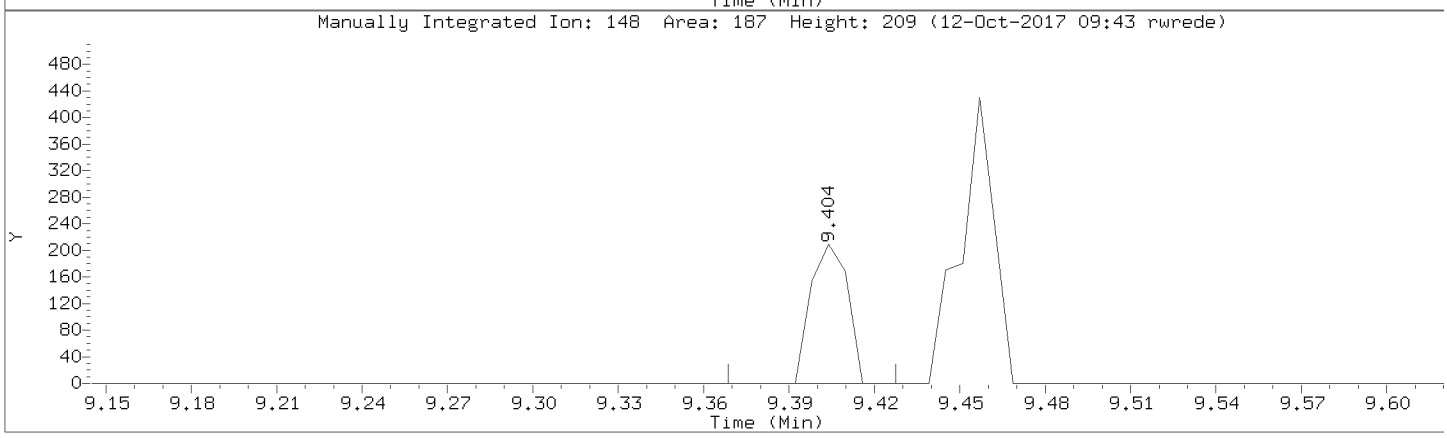
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,3-Dichlorobenzene Review Code: NI
CAS Number: 541-73-1









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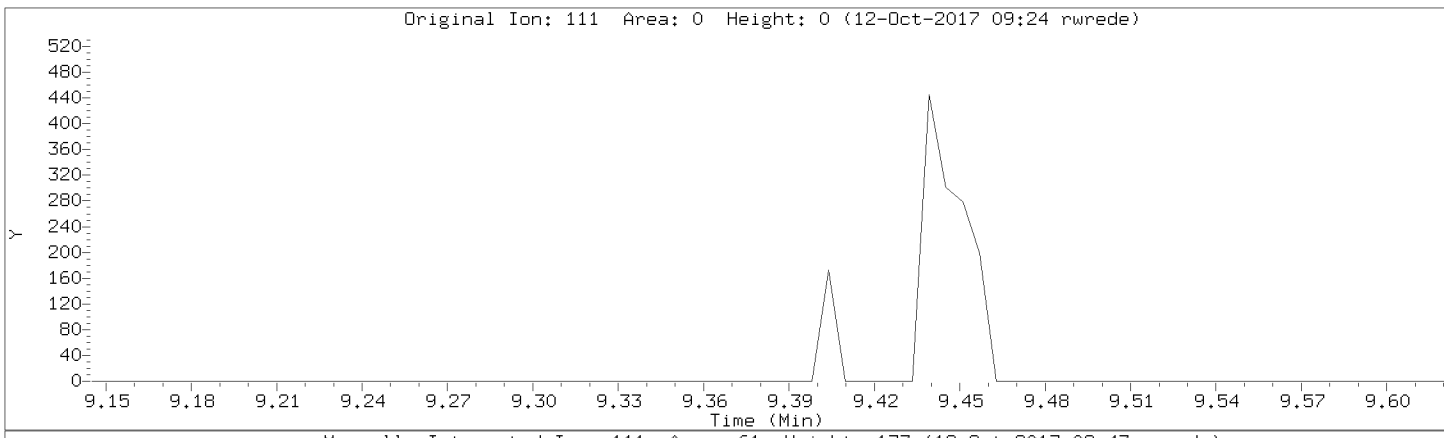
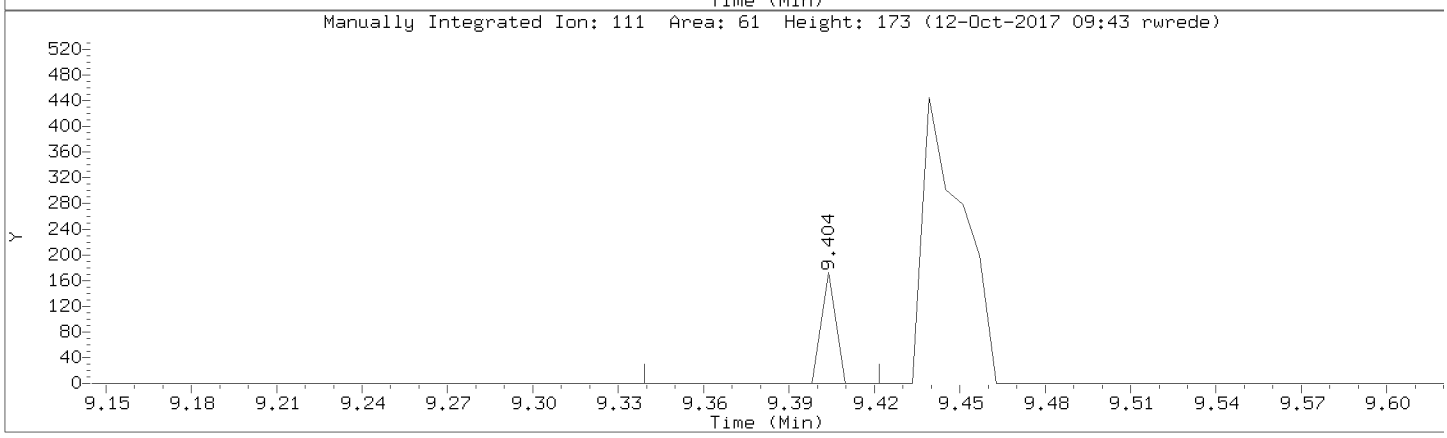
Lab Sample ID: 8260-CAL1





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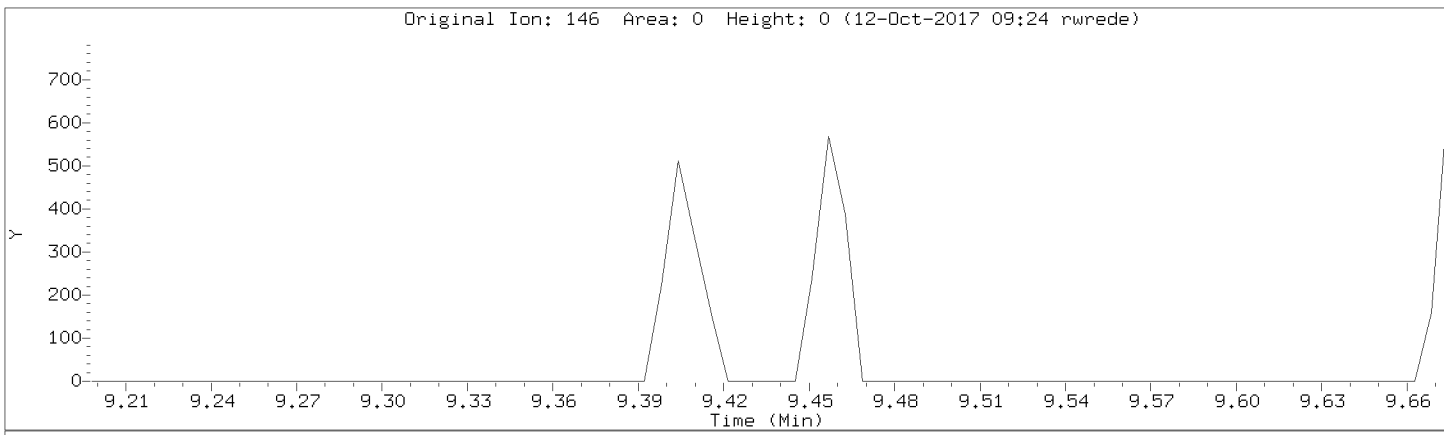
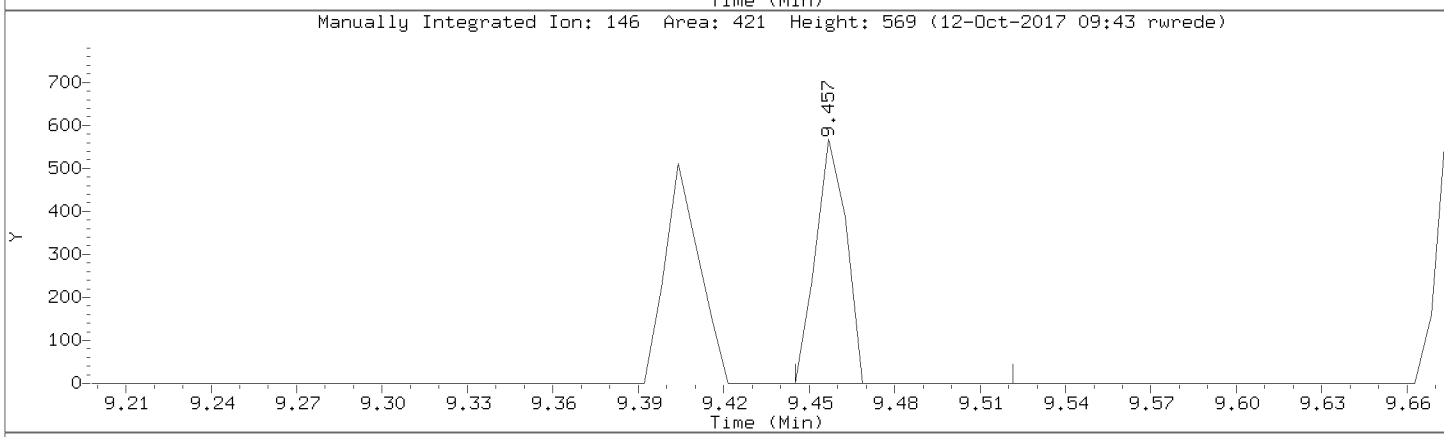
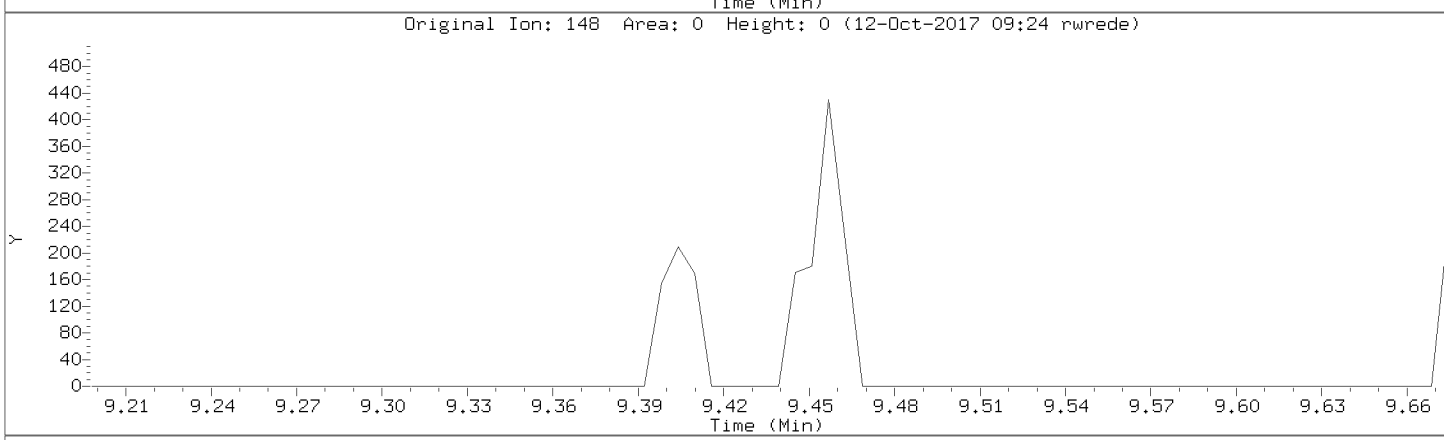
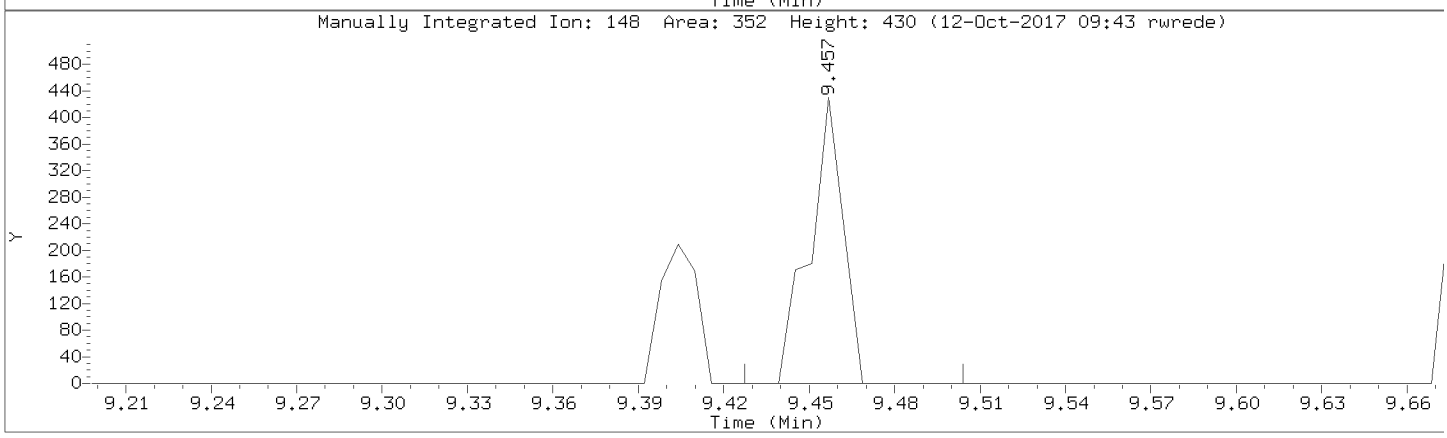
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,4-Dichlorobenzene Review Code: NI
CAS Number: 106-46-7









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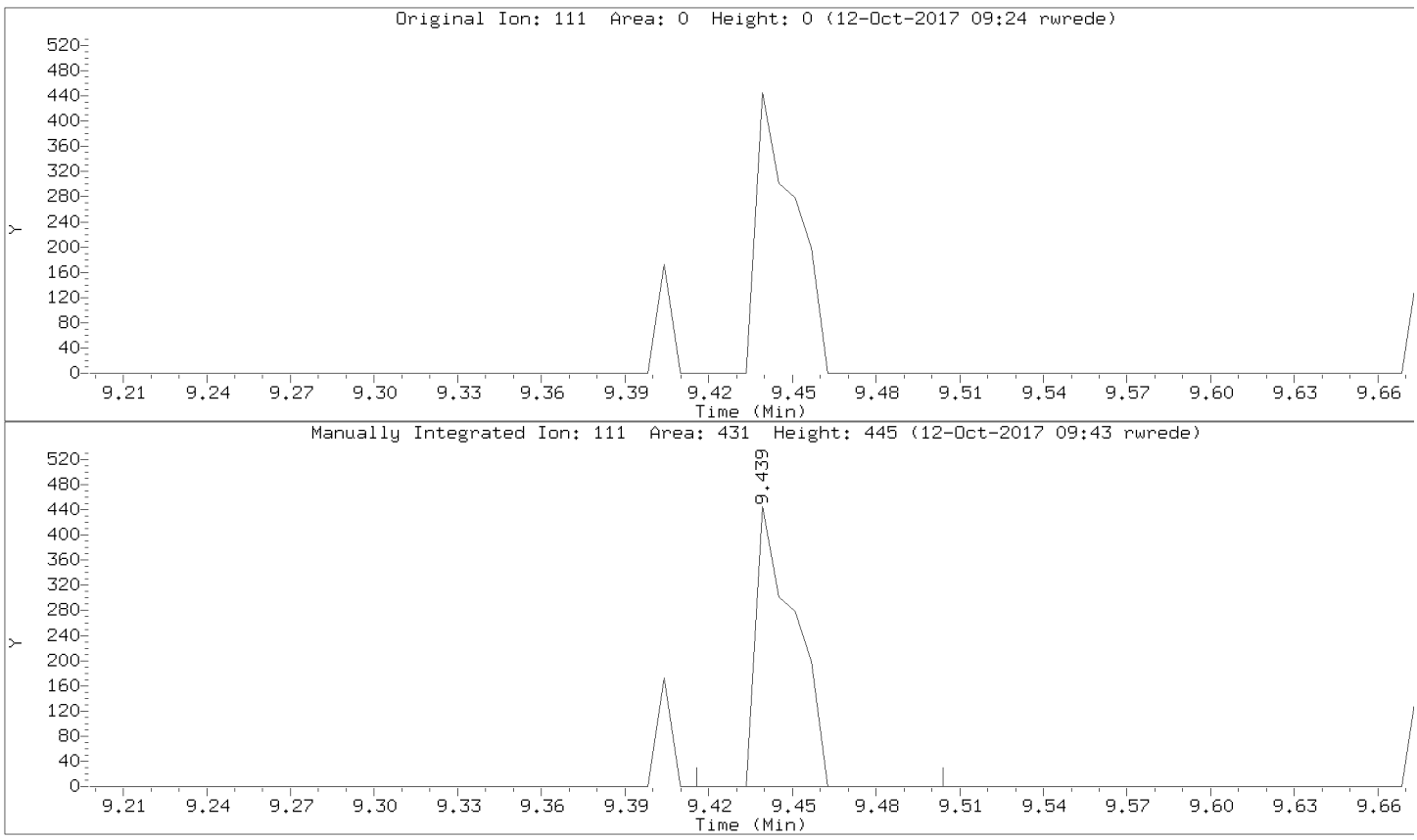
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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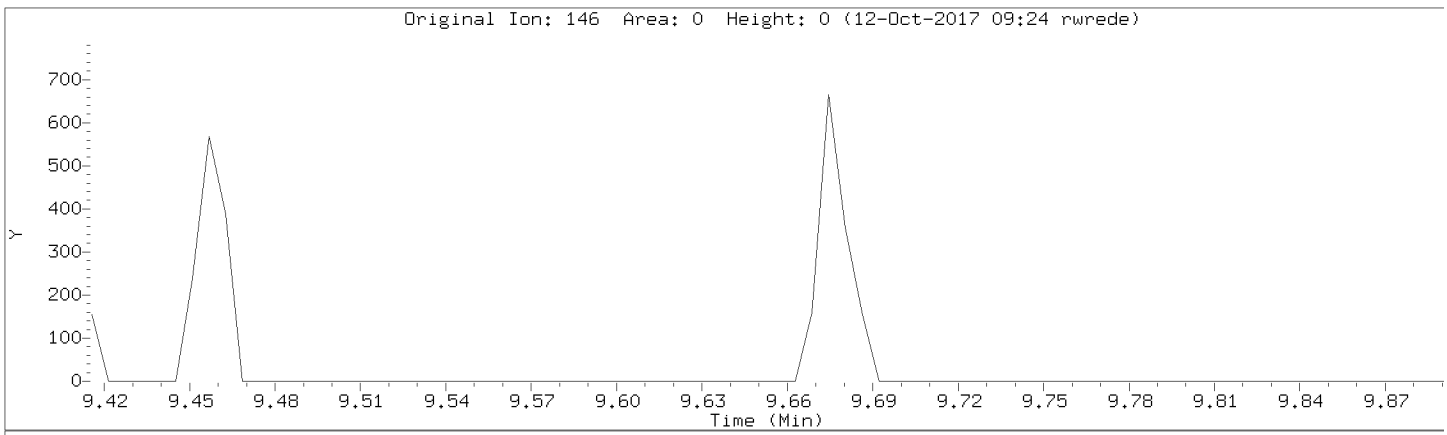
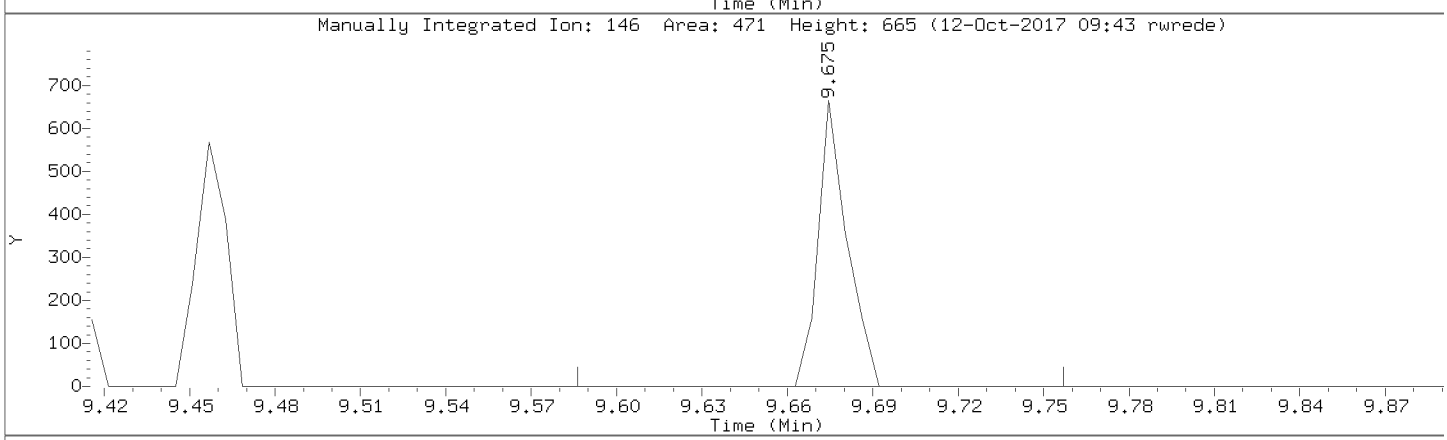
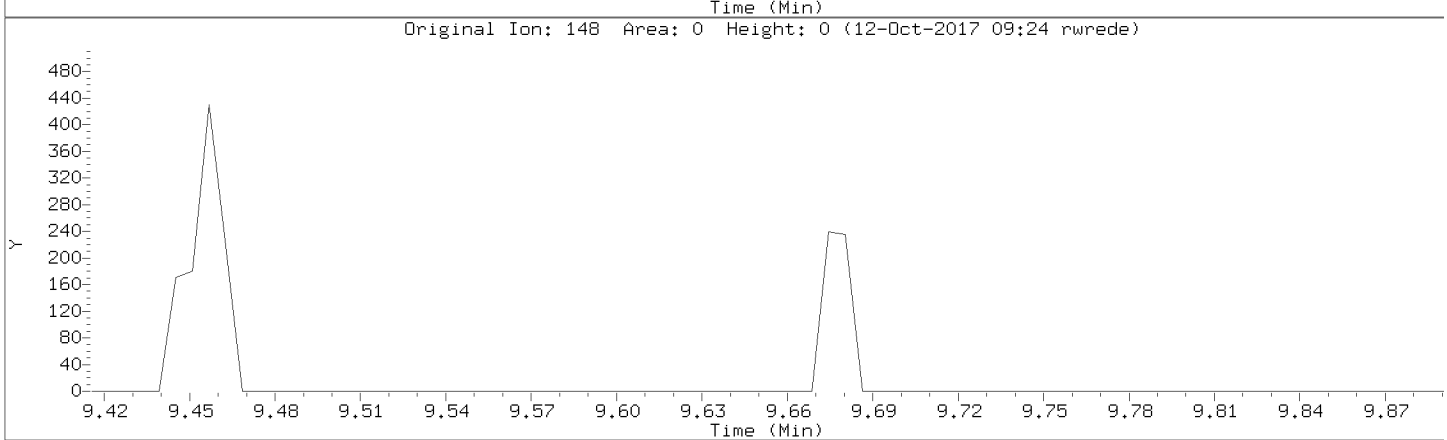
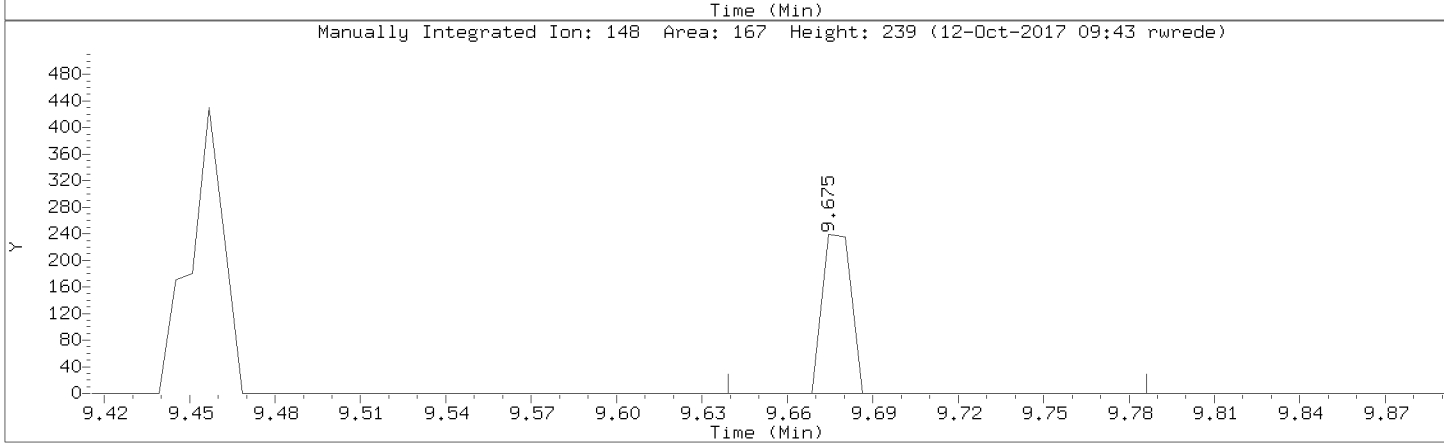
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2-Dichlorobenzene Review Code: NI
CAS Number: 95-50-1









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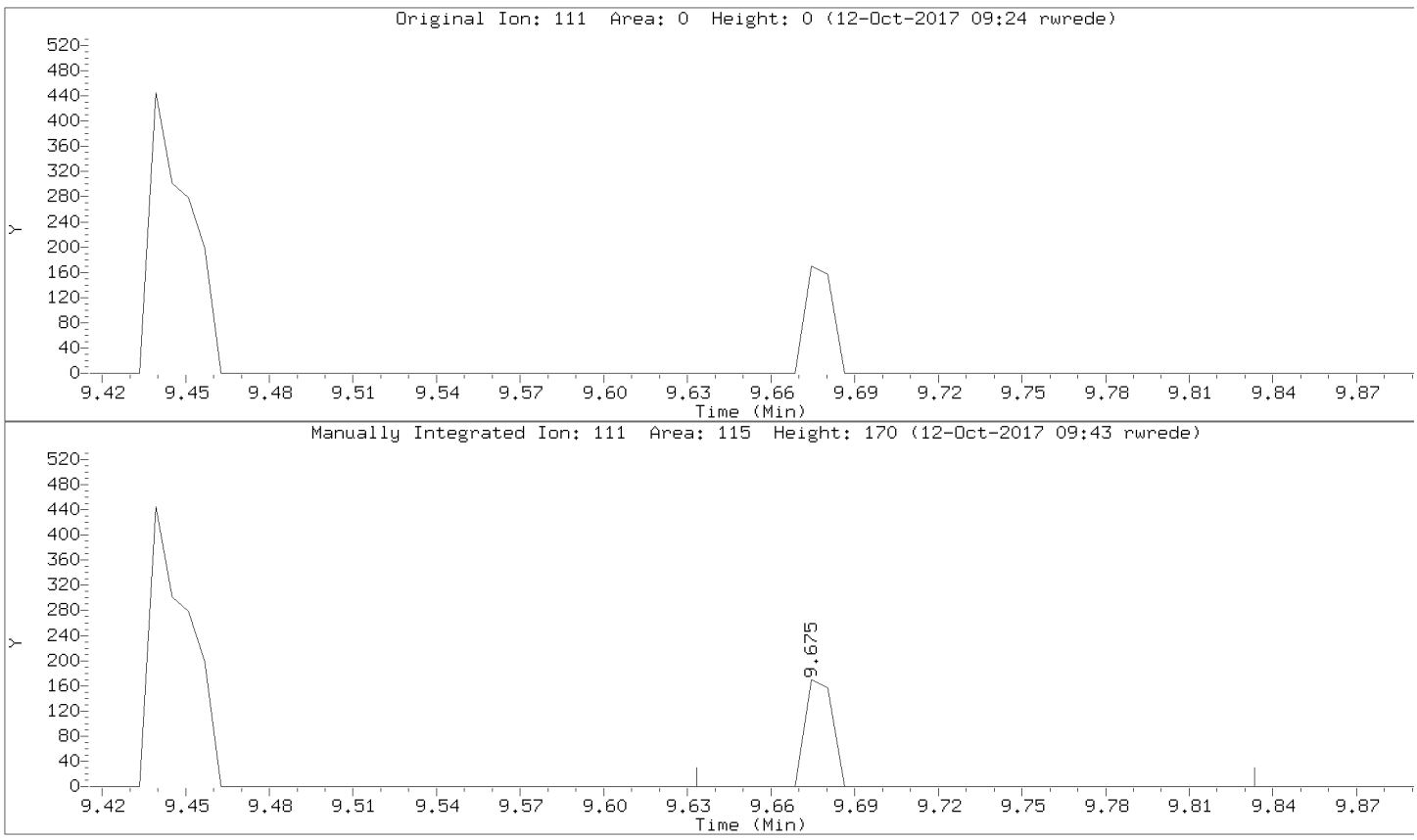
Lab Sample ID: 8260-CAL1



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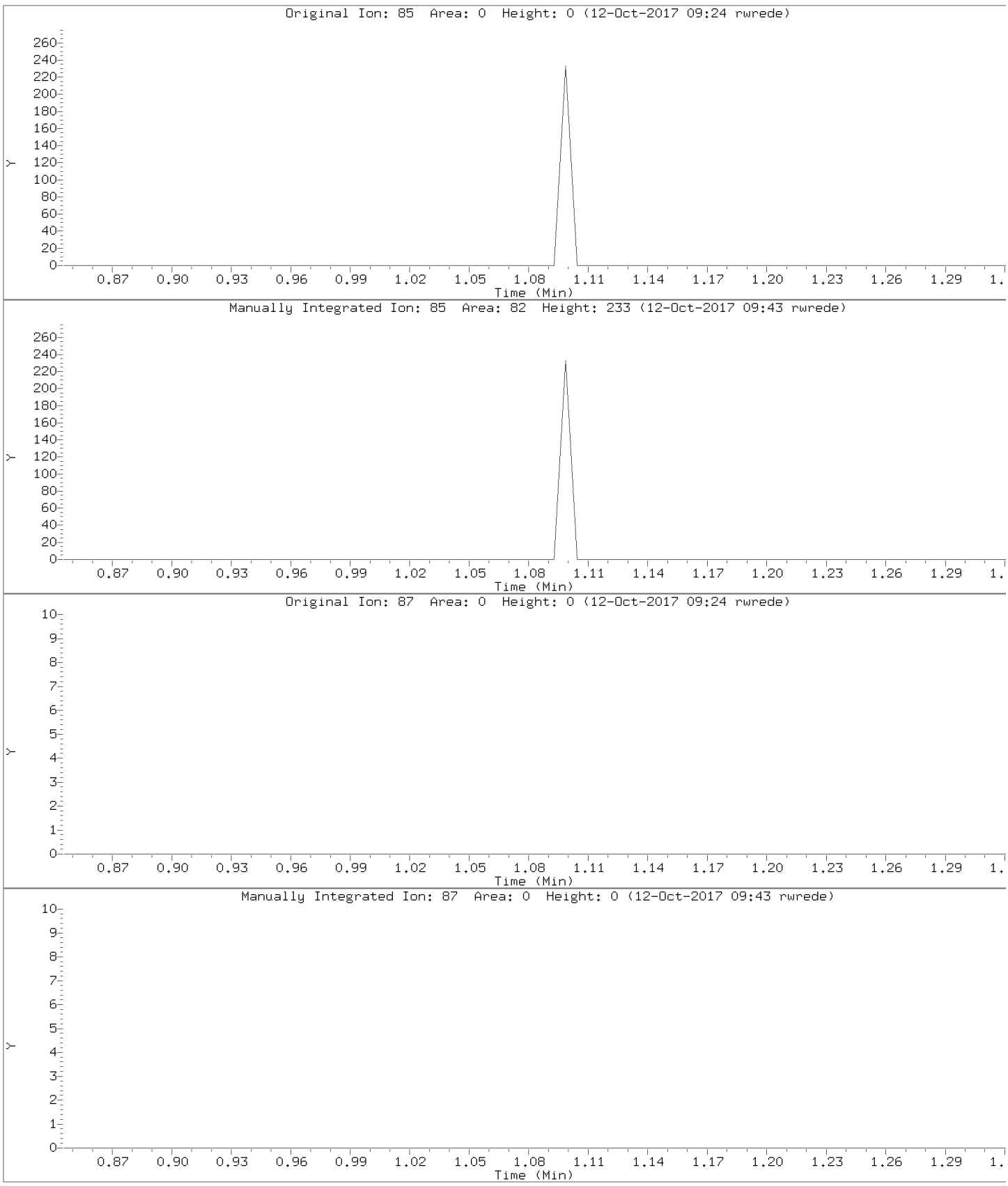
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Dichlorodifluoromethane Review Code: NI
CAS Number: 60-29-7



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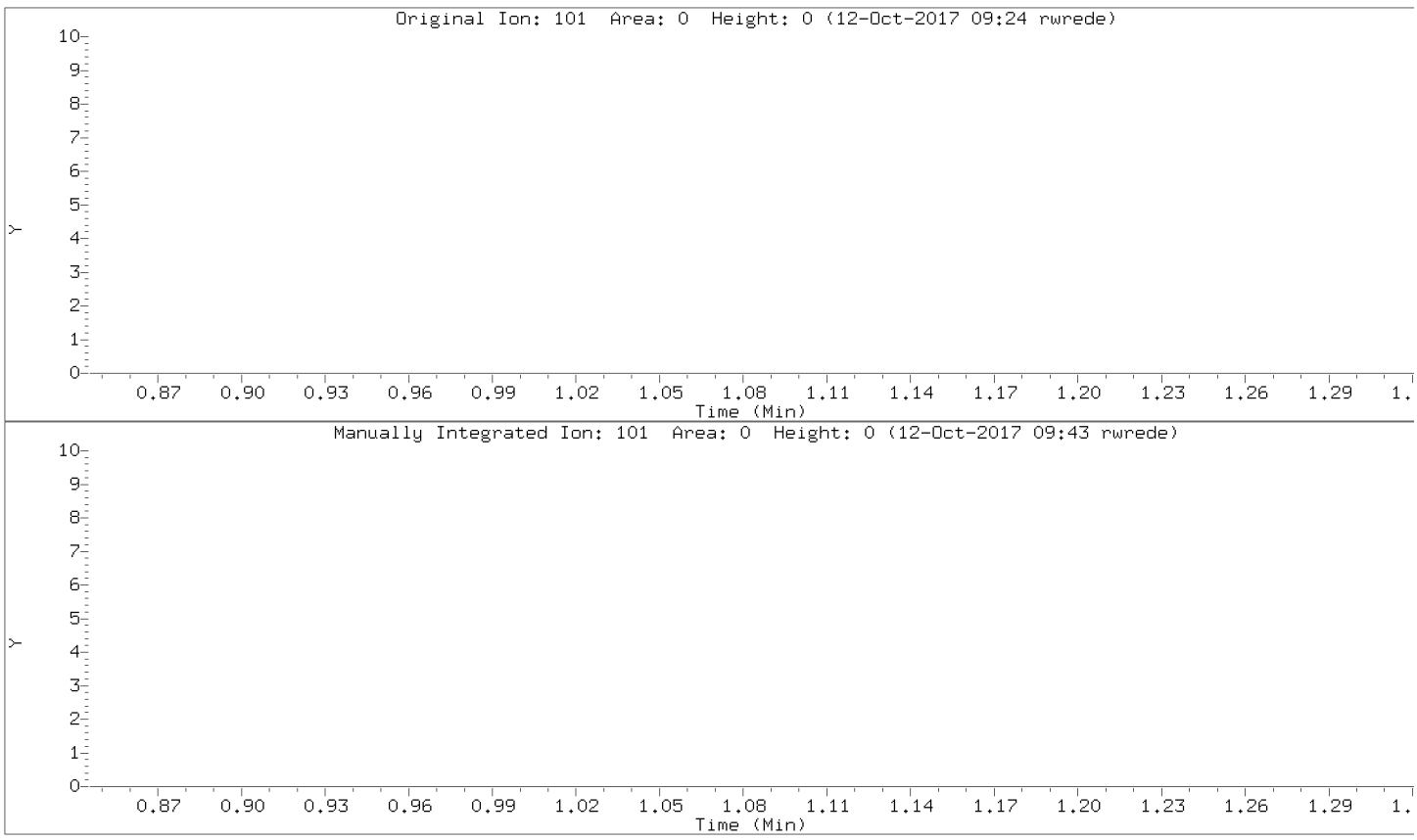
Lab Sample ID: 8260-CAL1



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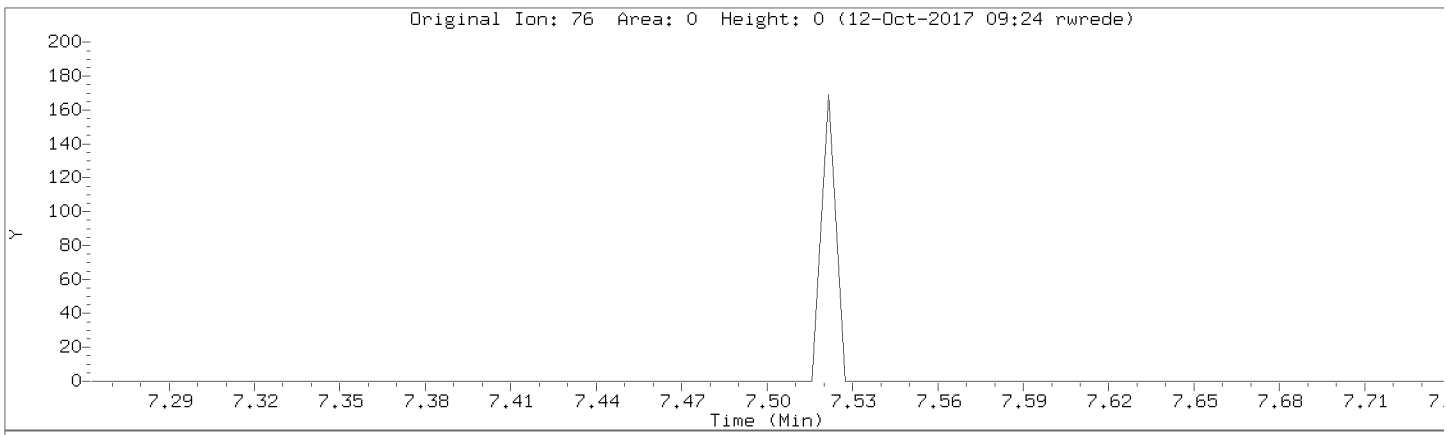
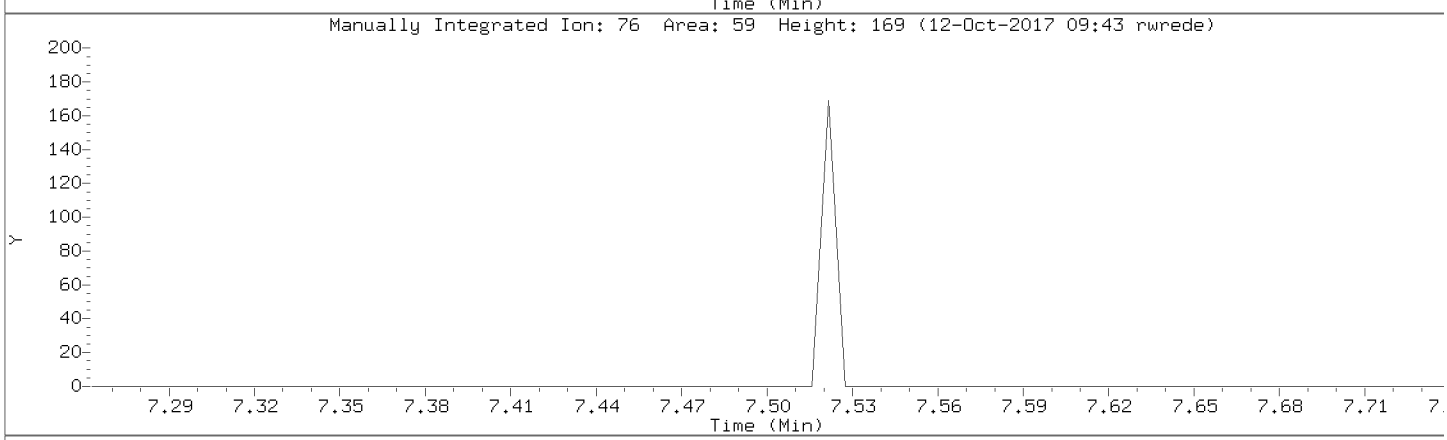
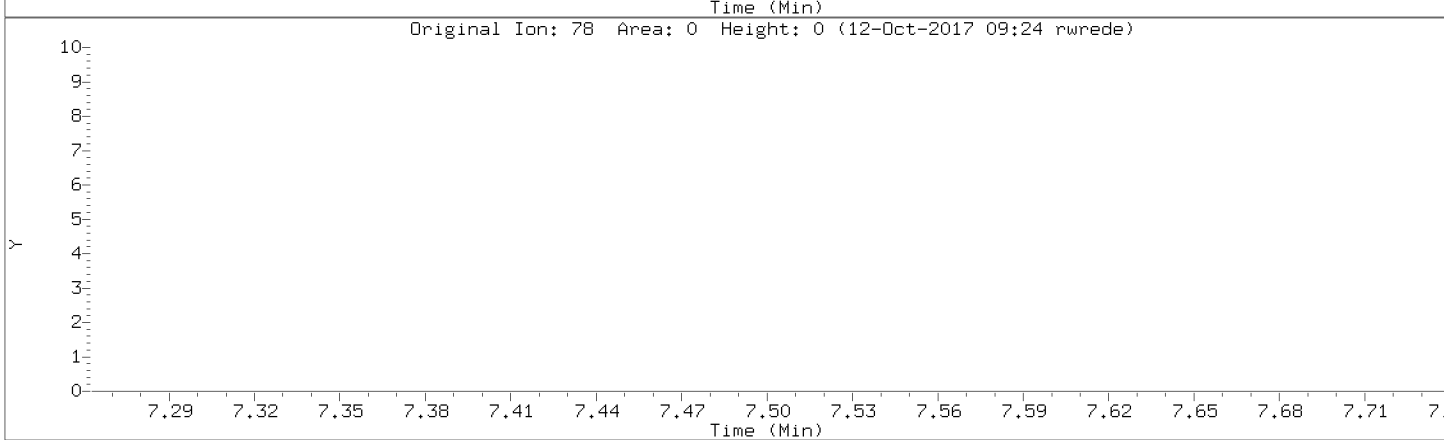
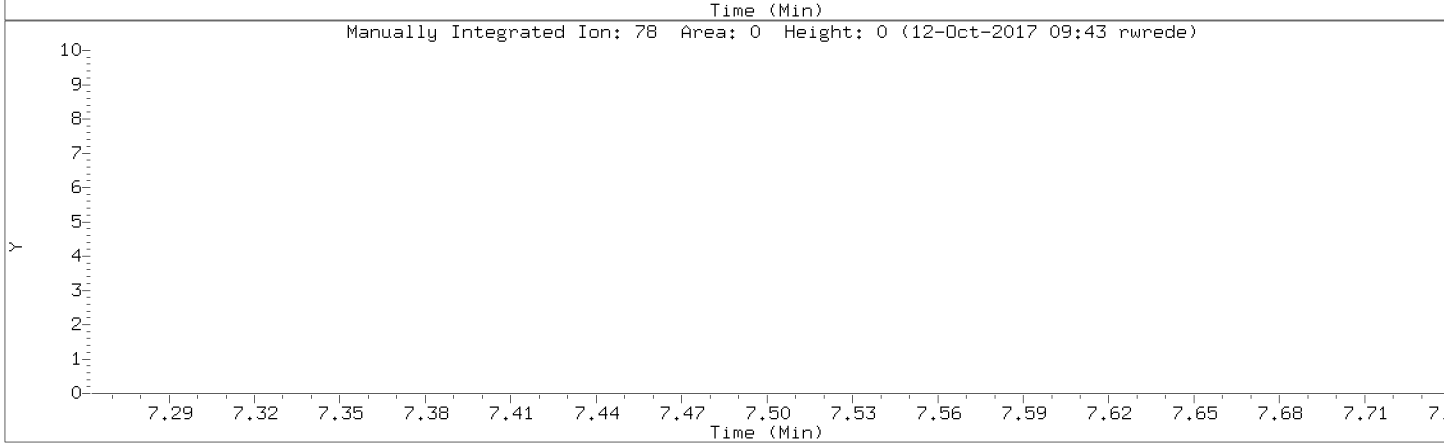
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,3-Dichloropropane Review Code: NI
CAS Number: 142-28-9









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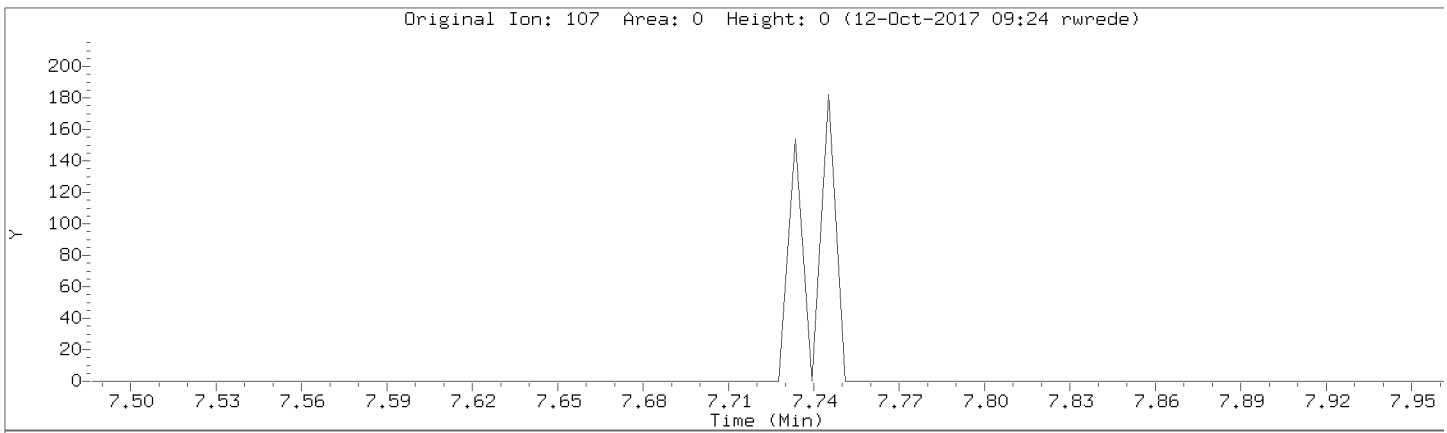
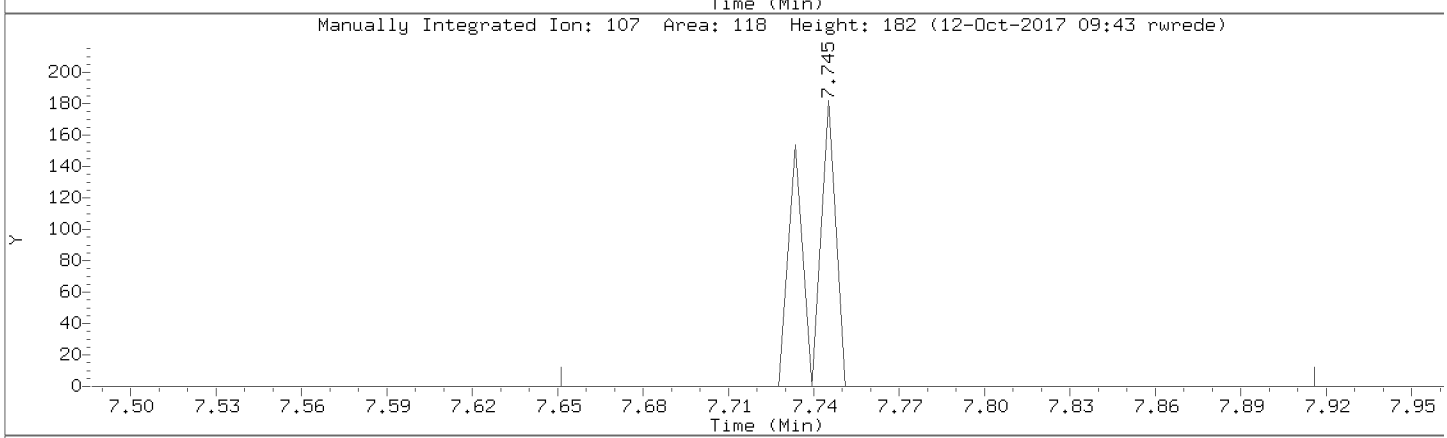
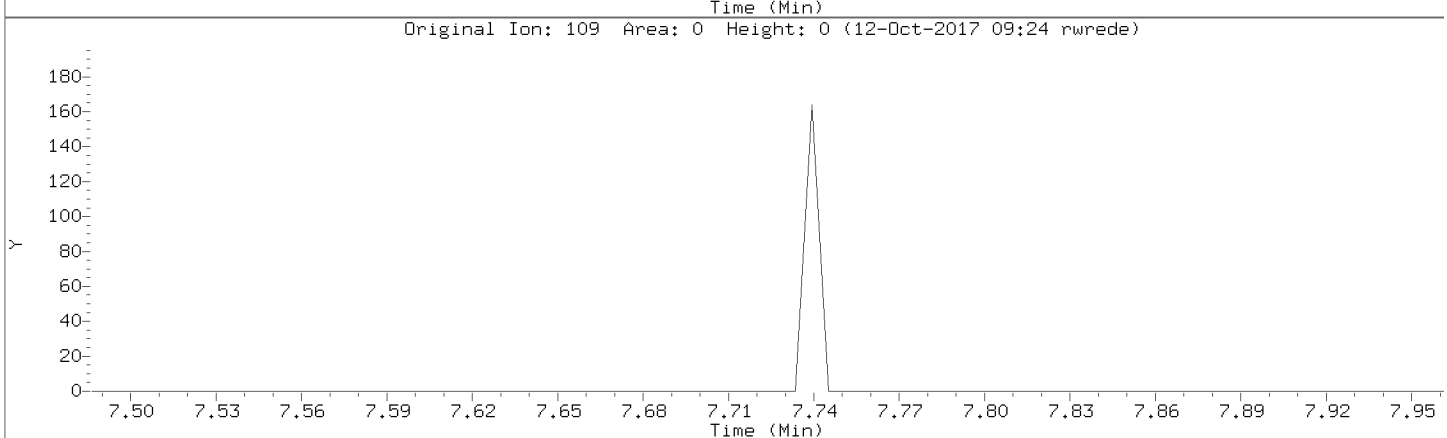
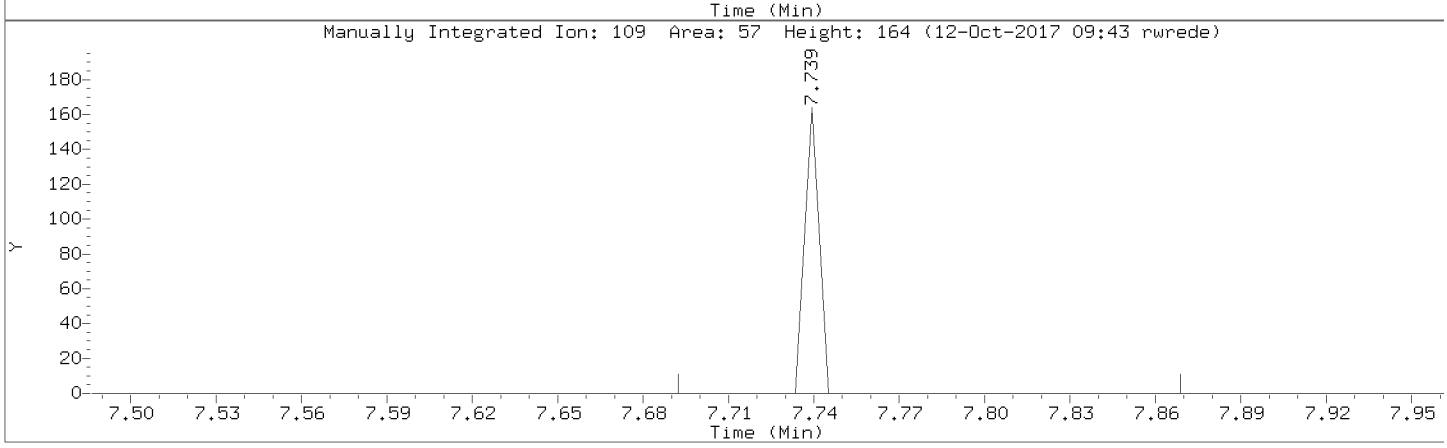
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2-Dibromoethane Review Code: NI
CAS Number: 106-93-4









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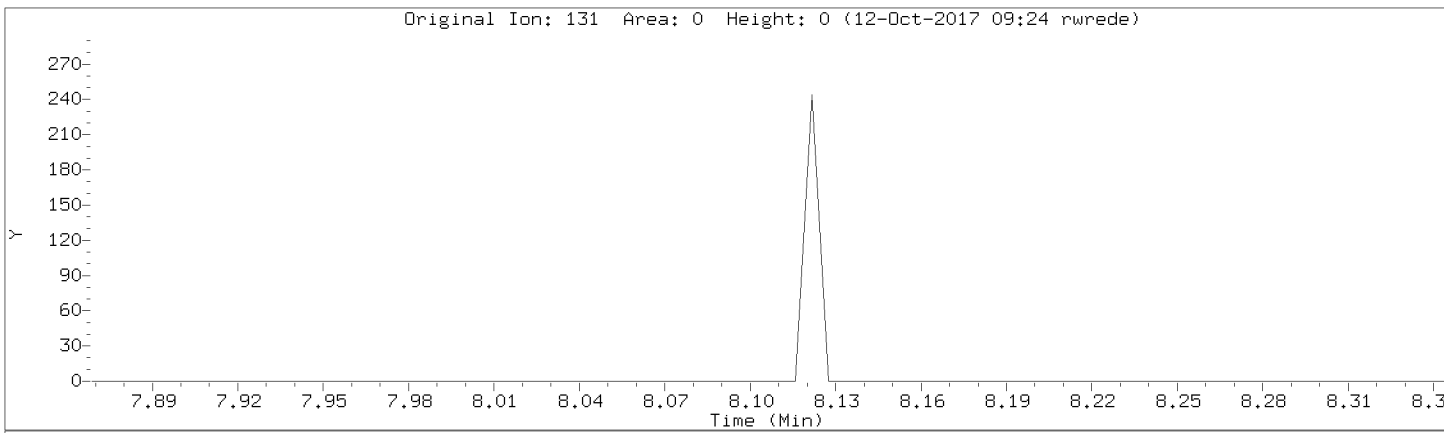
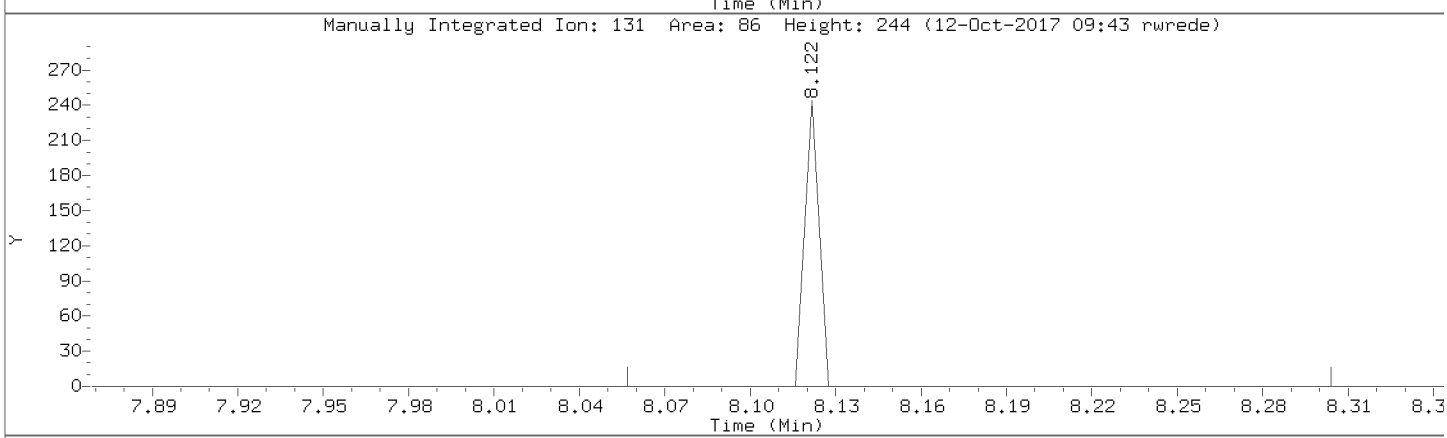
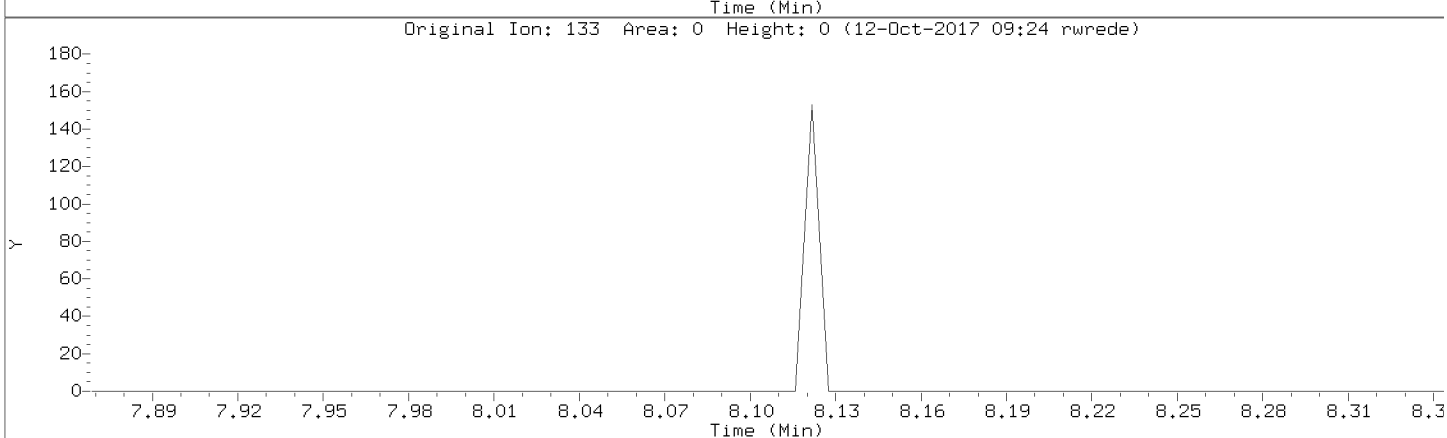
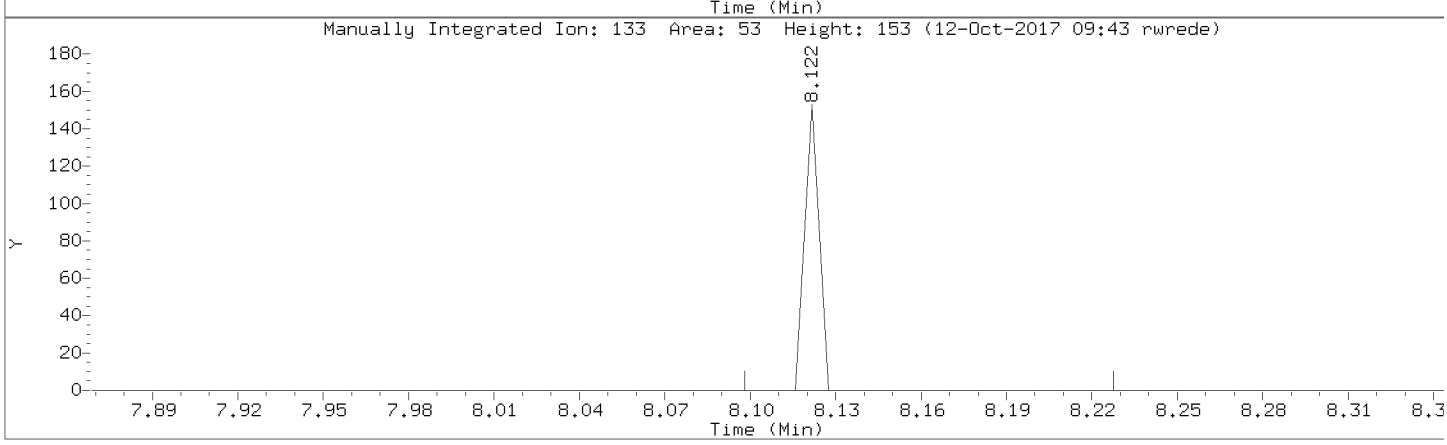
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,1,1,2-Tetrachloroethane Review Code: NI
CAS Number: 630-20-6









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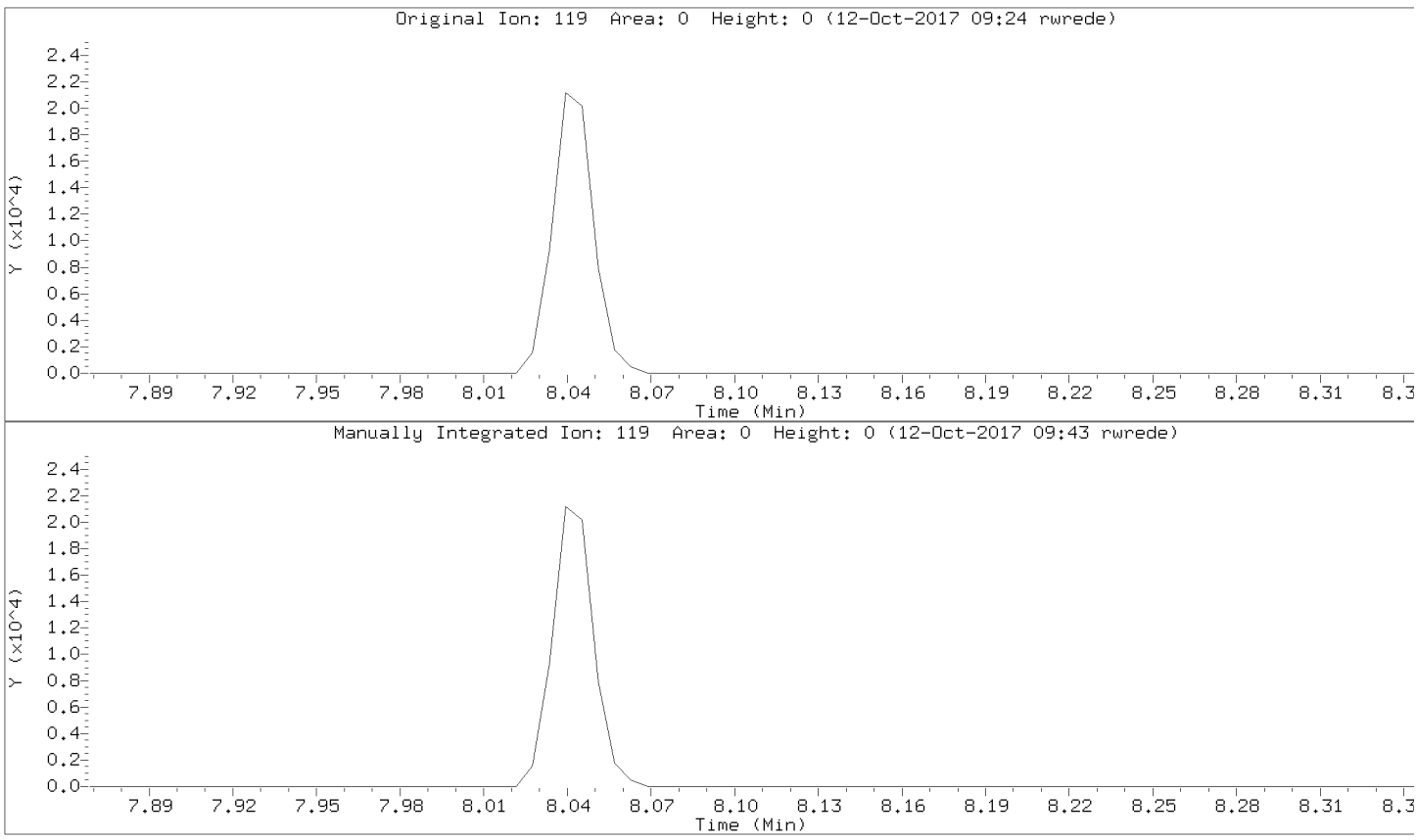
Lab Sample ID: 8260-CAL1



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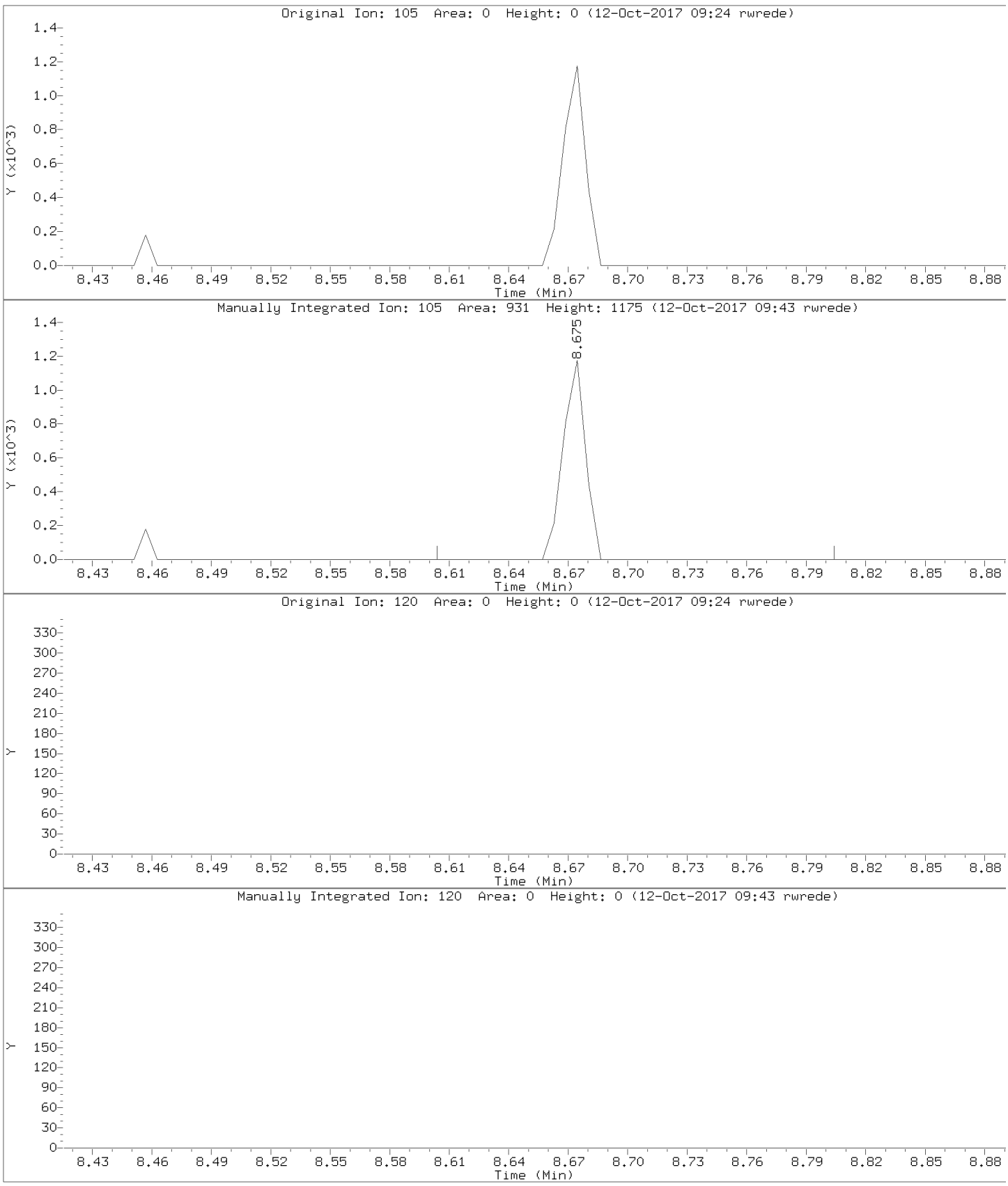
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Isopropylbenzene Review Code: NI
CAS Number: 98-82-8



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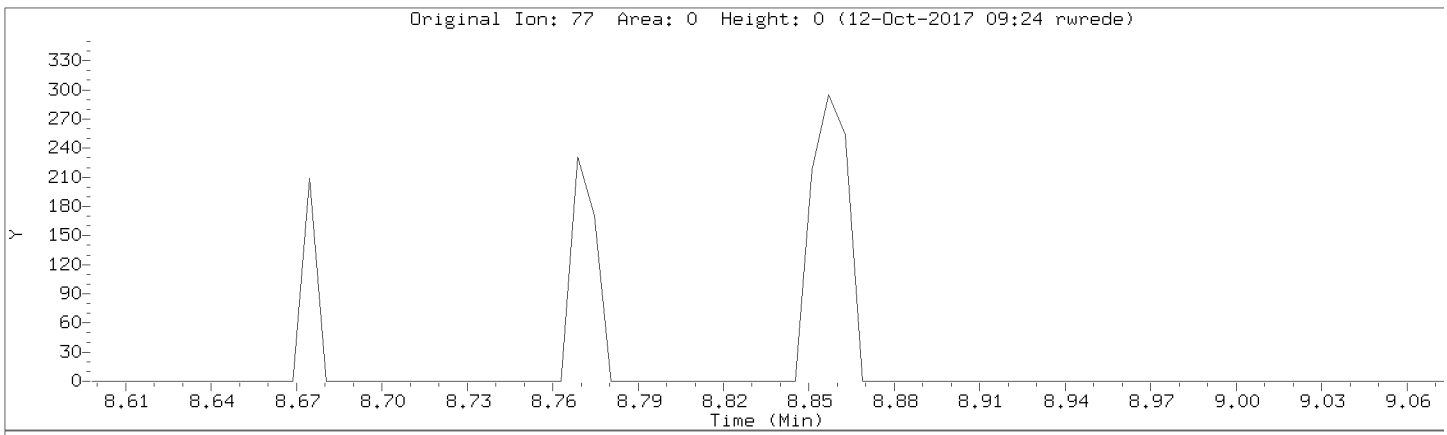
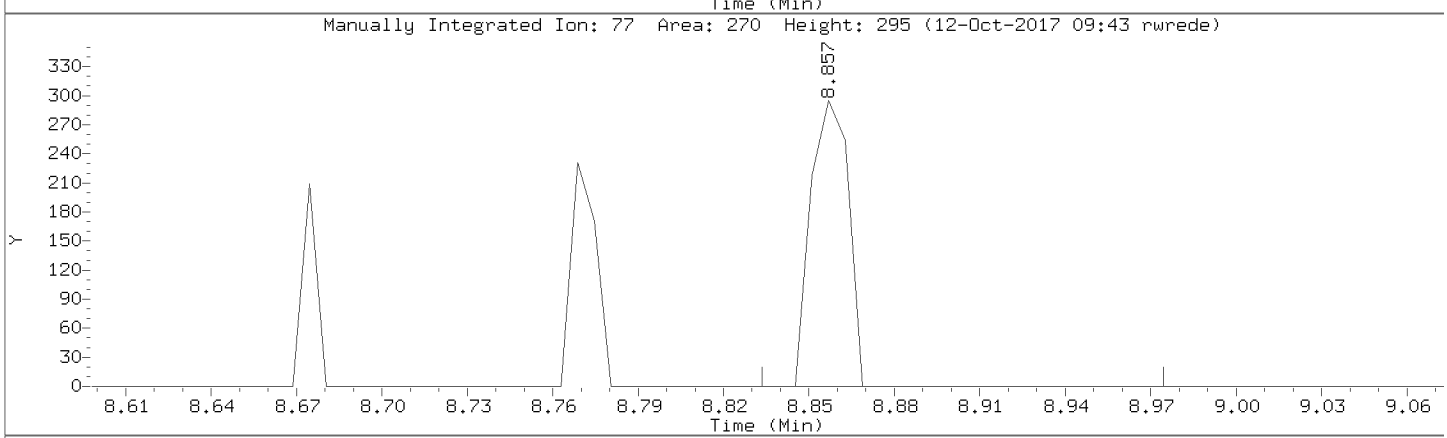
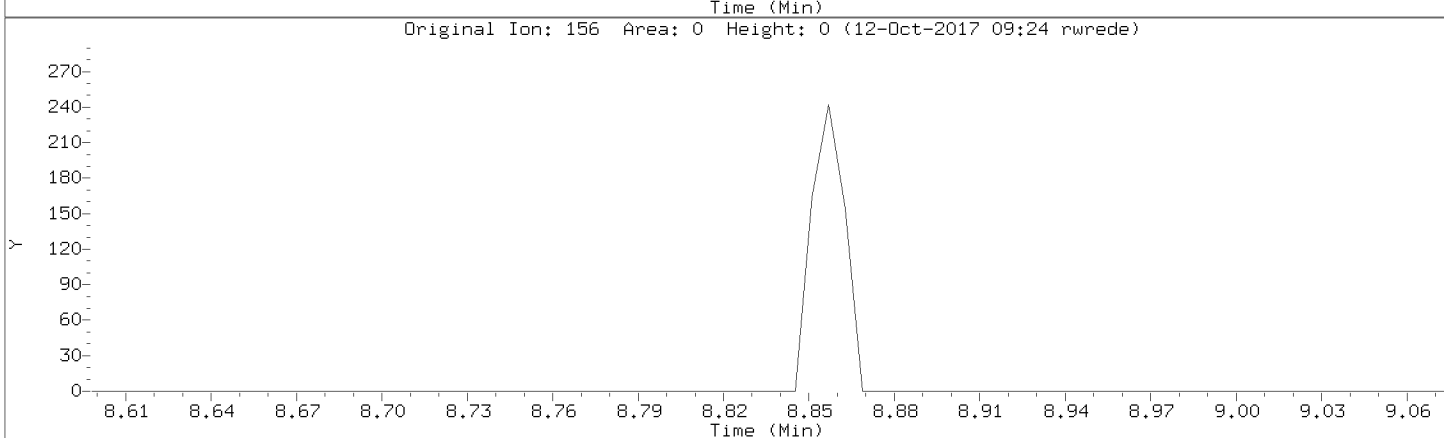
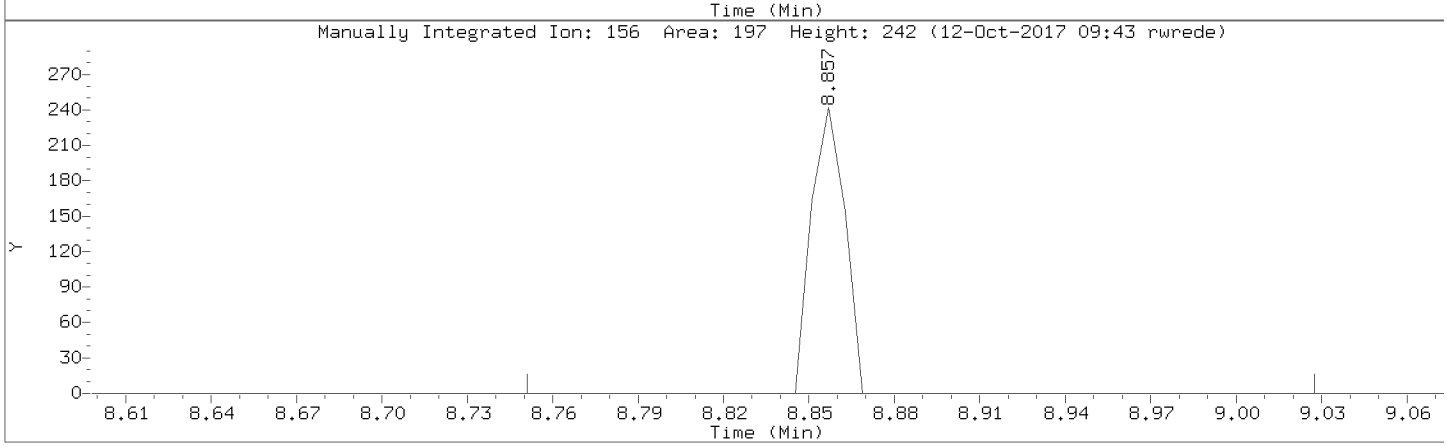
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Bromobenzene Review Code: NI
CAS Number: 108-86-1









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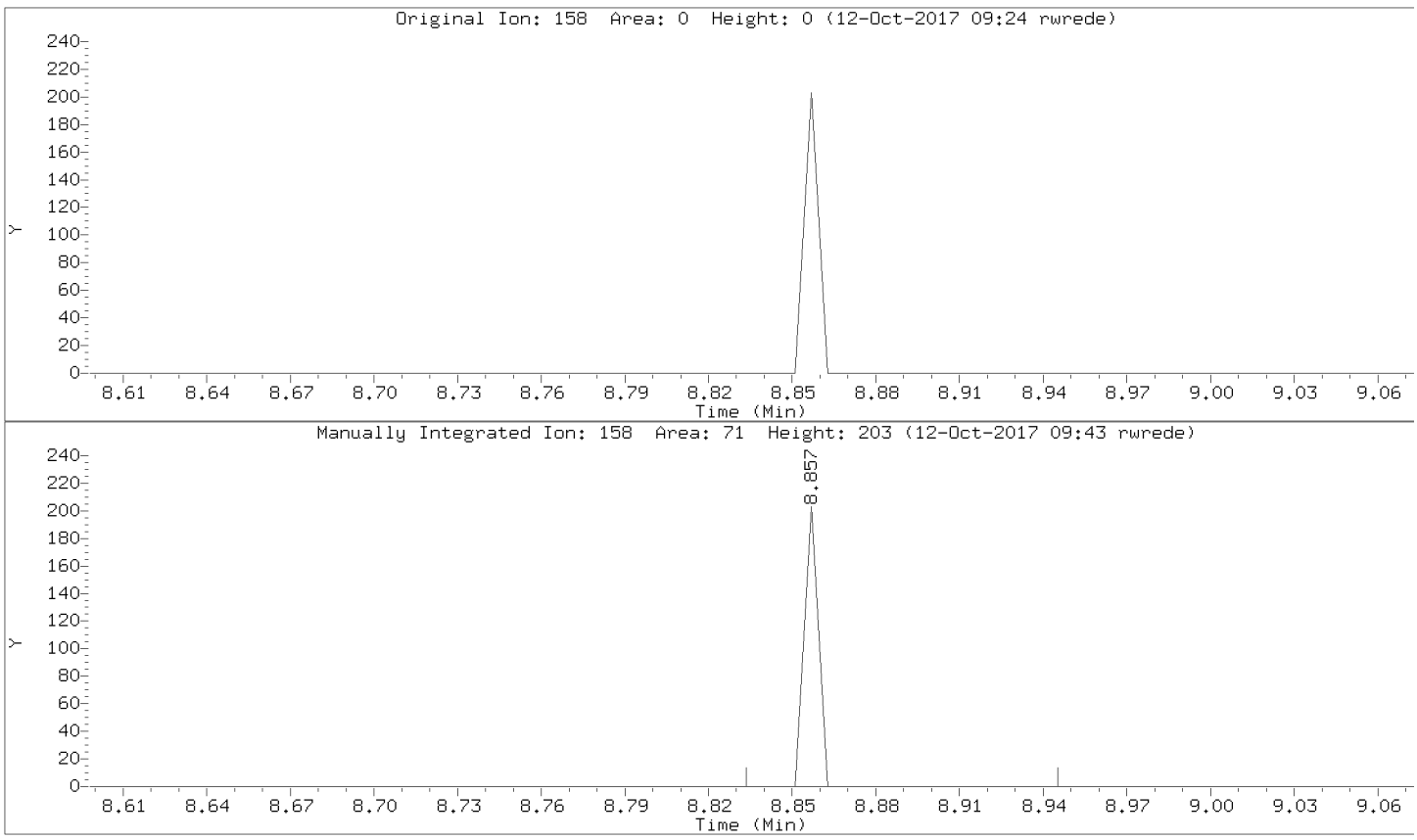
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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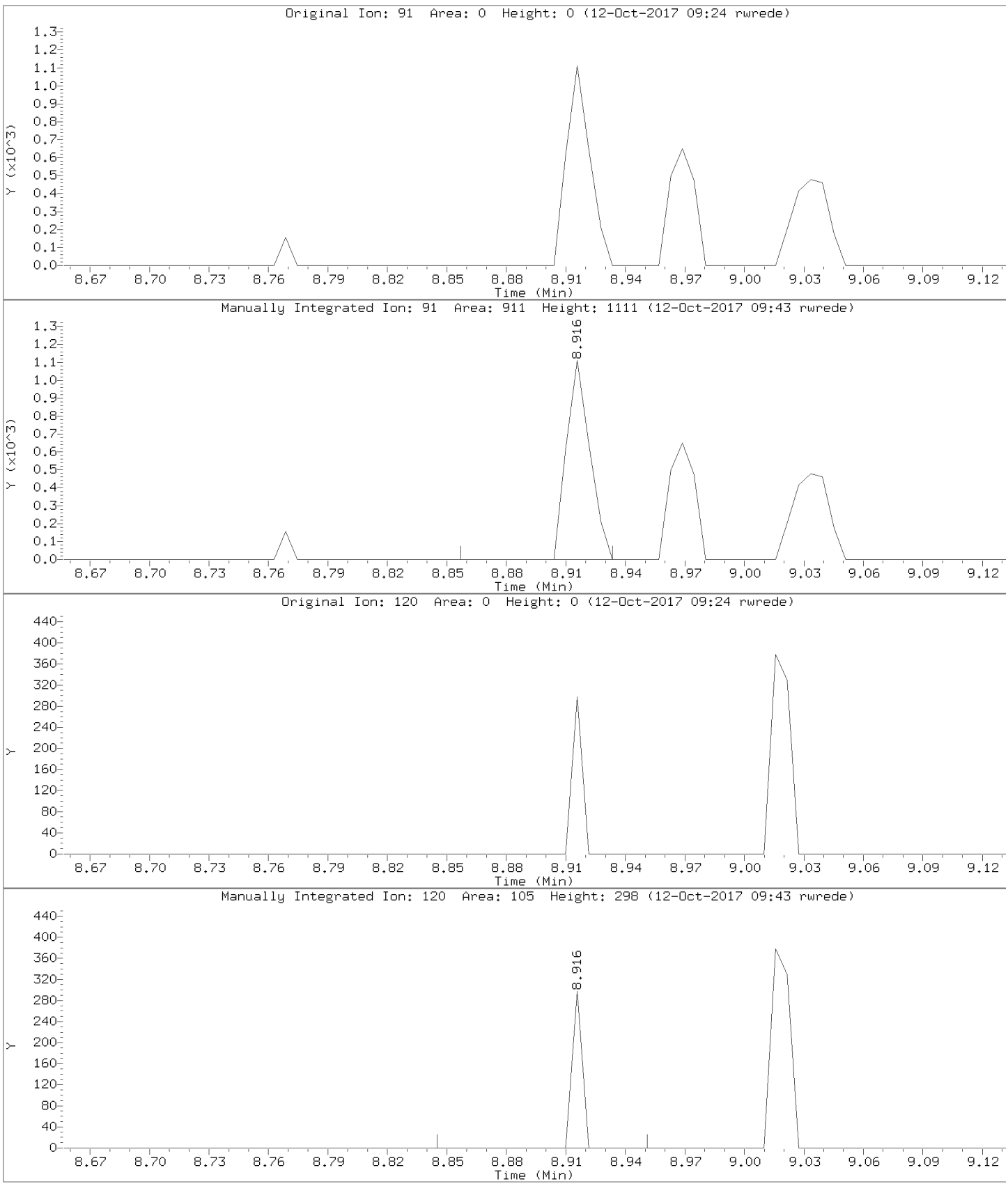
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: n-Propylbenzene Review Code: NI
CAS Number: 103-65-1



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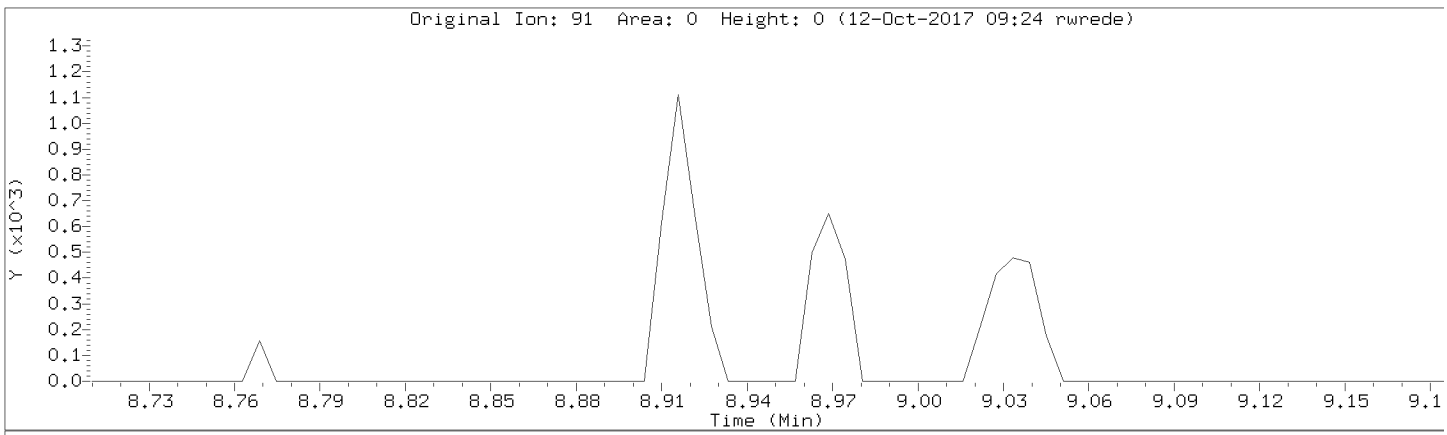
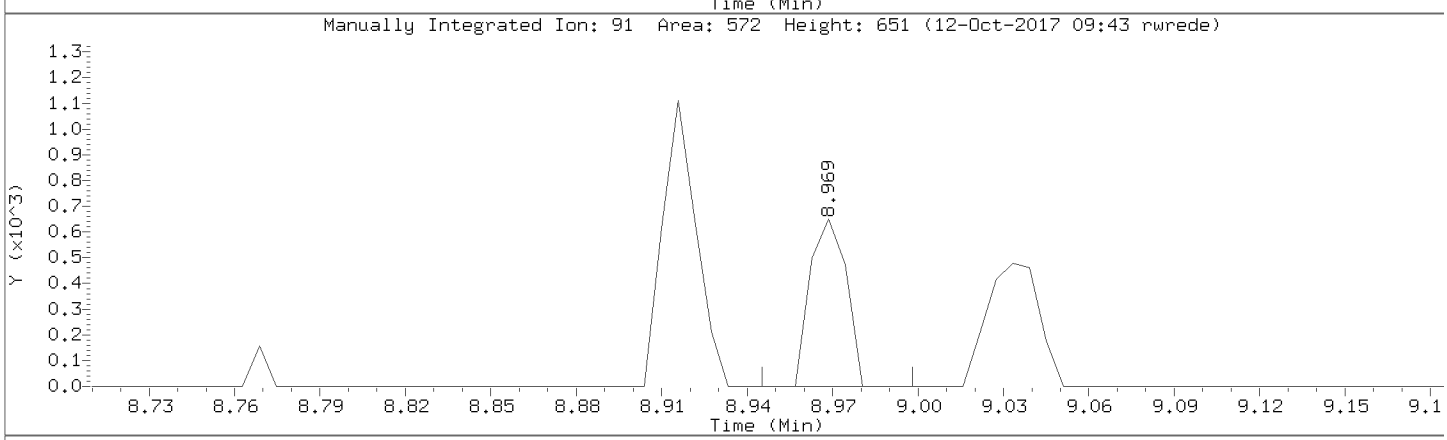
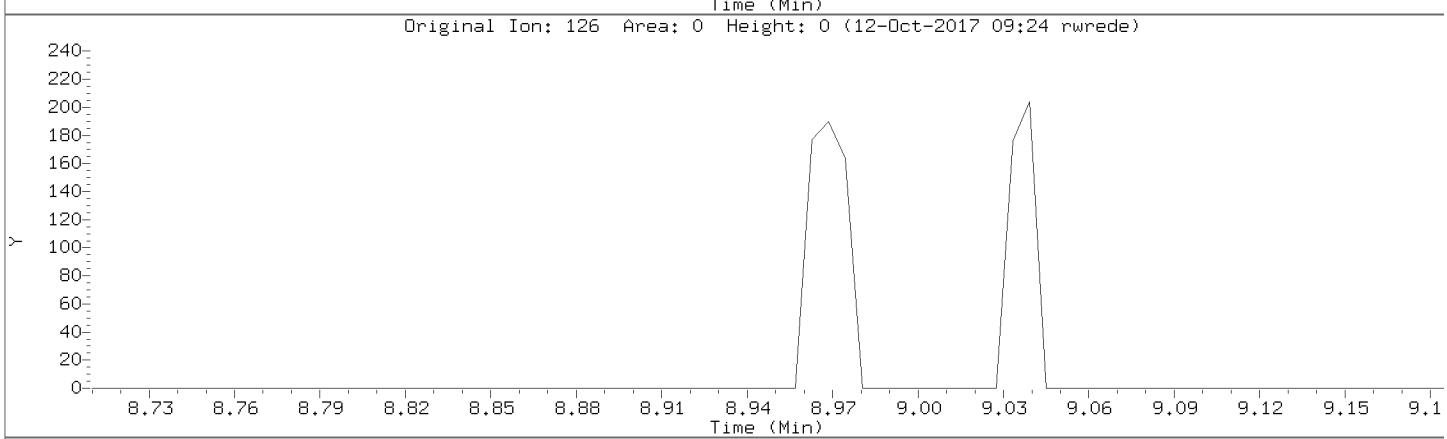
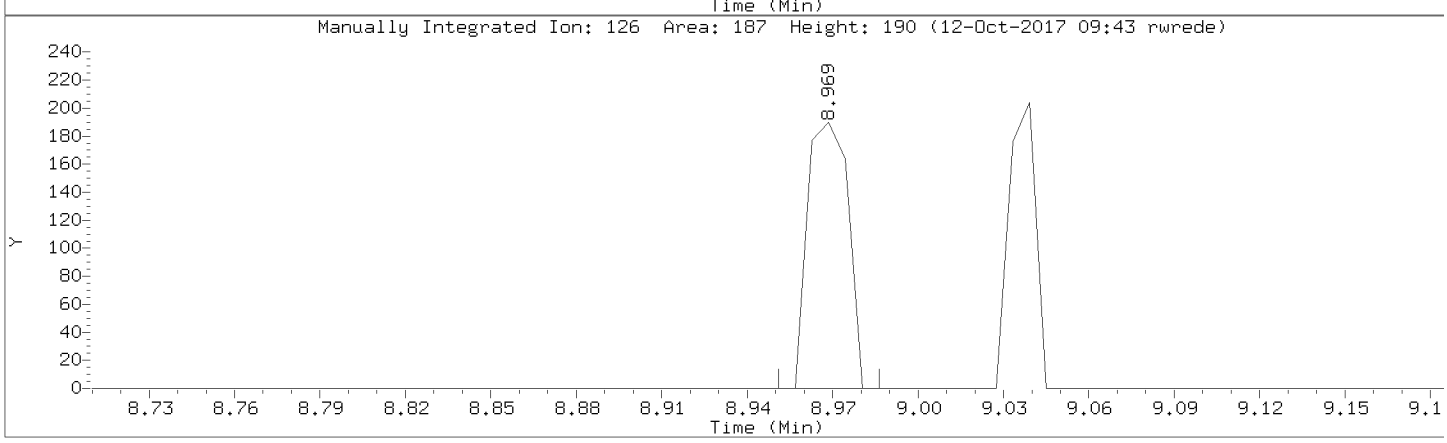
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 2-Chlorotoluene Review Code: NI
CAS Number: 95-49-8









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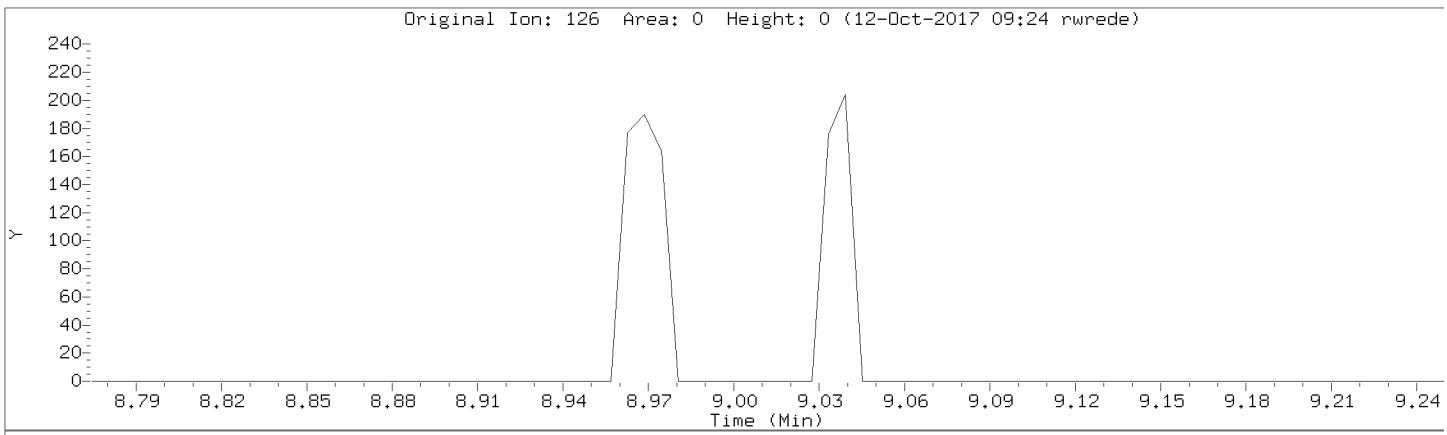
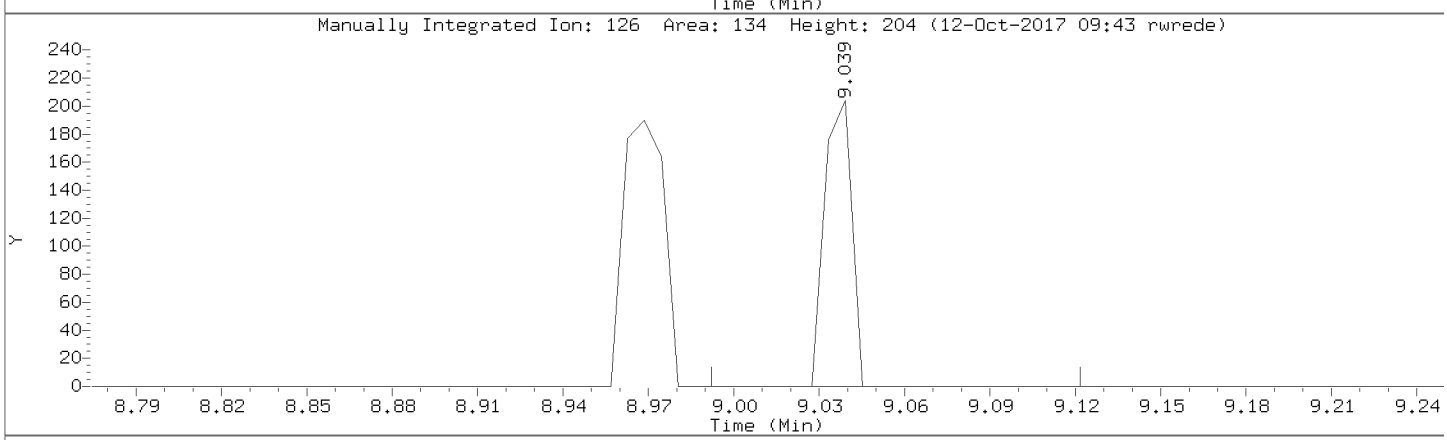
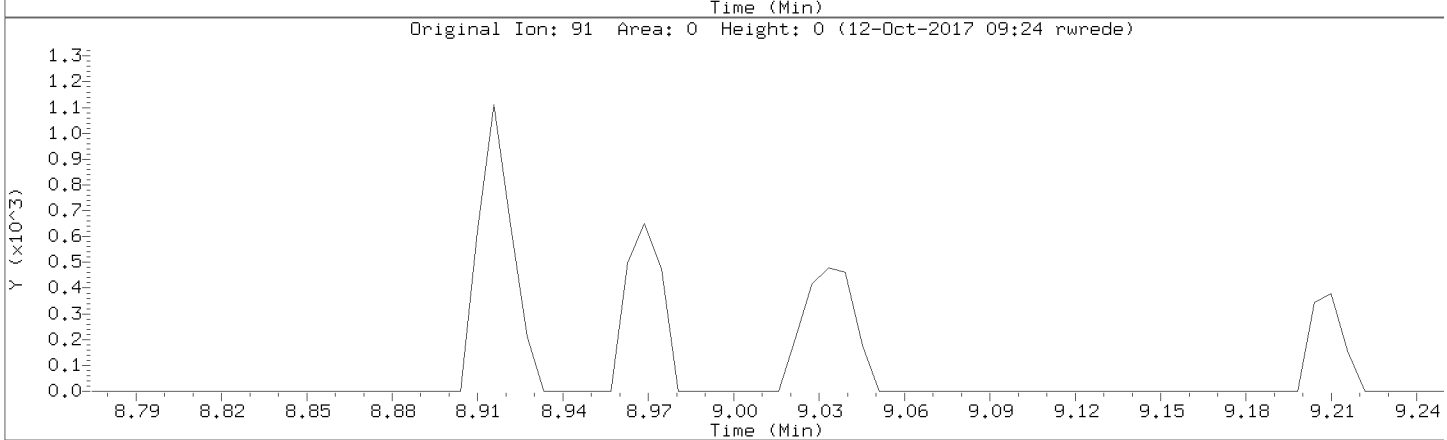
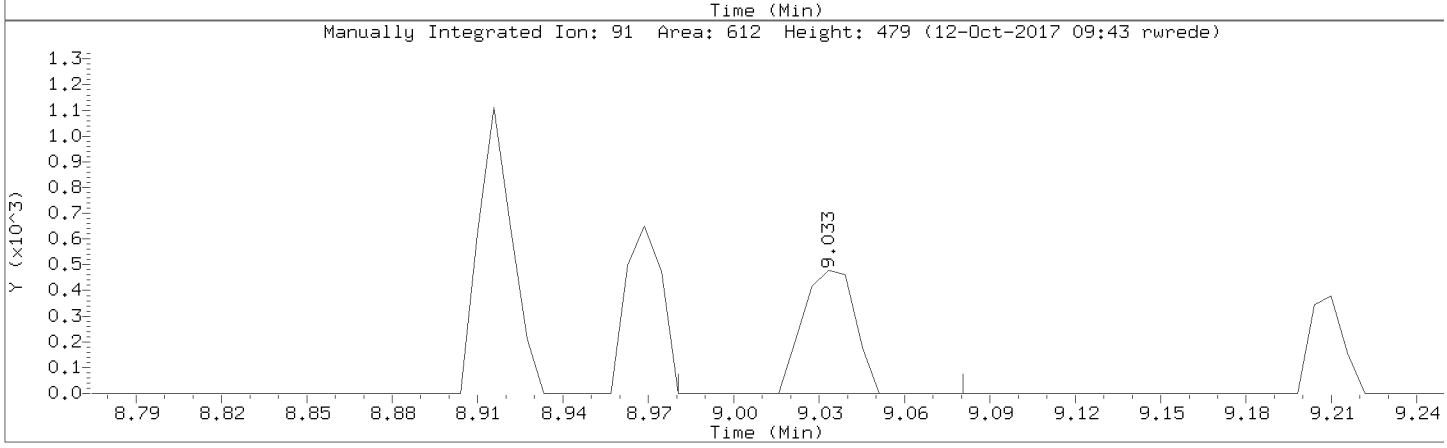
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 4-Chlorotoluene Review Code: NI
CAS Number: 106-43-4









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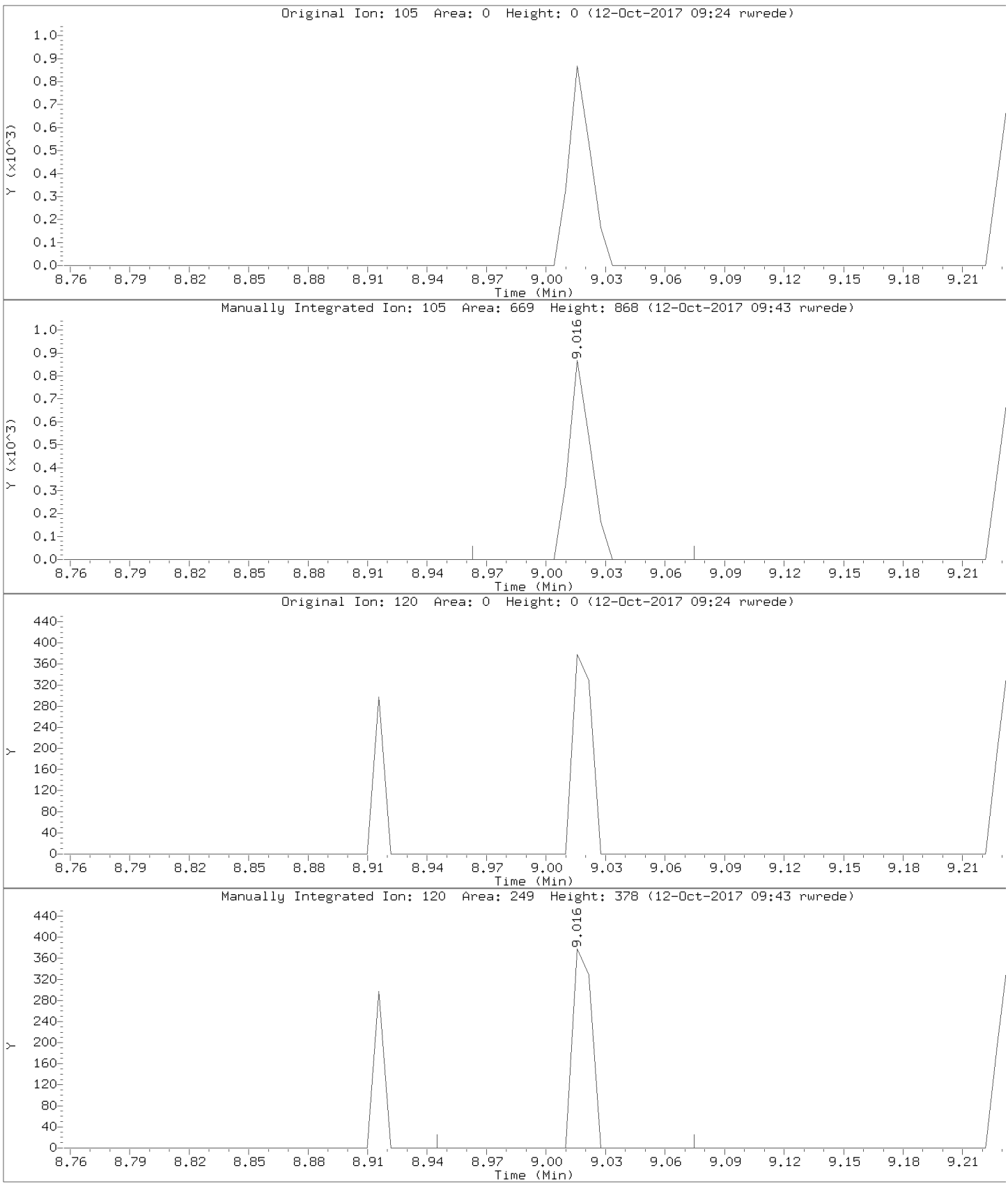
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,3,5-Trimethylbenzene Review Code: NI
CAS Number: 108-67-8



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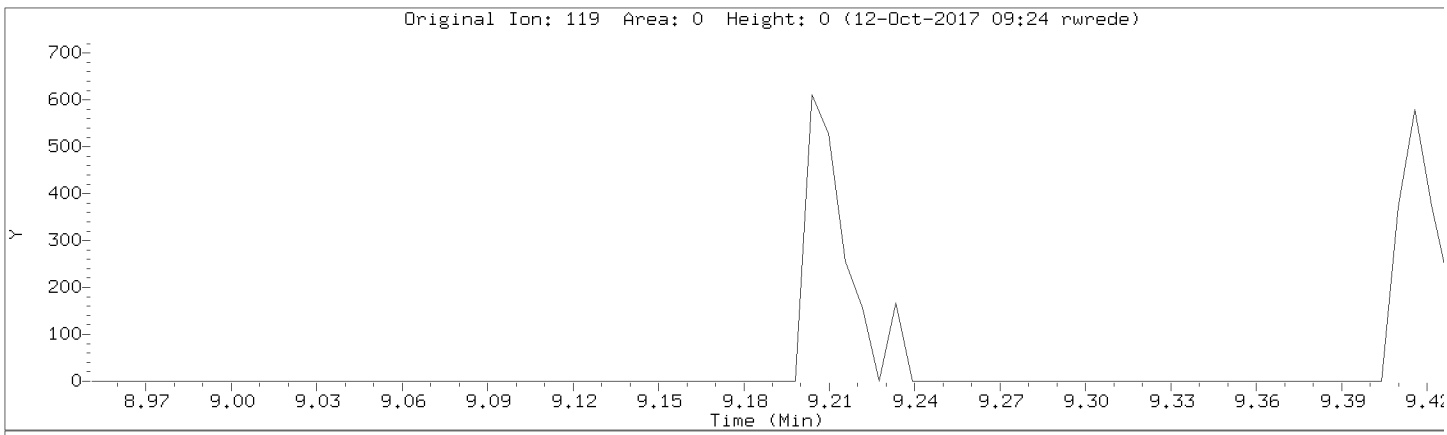
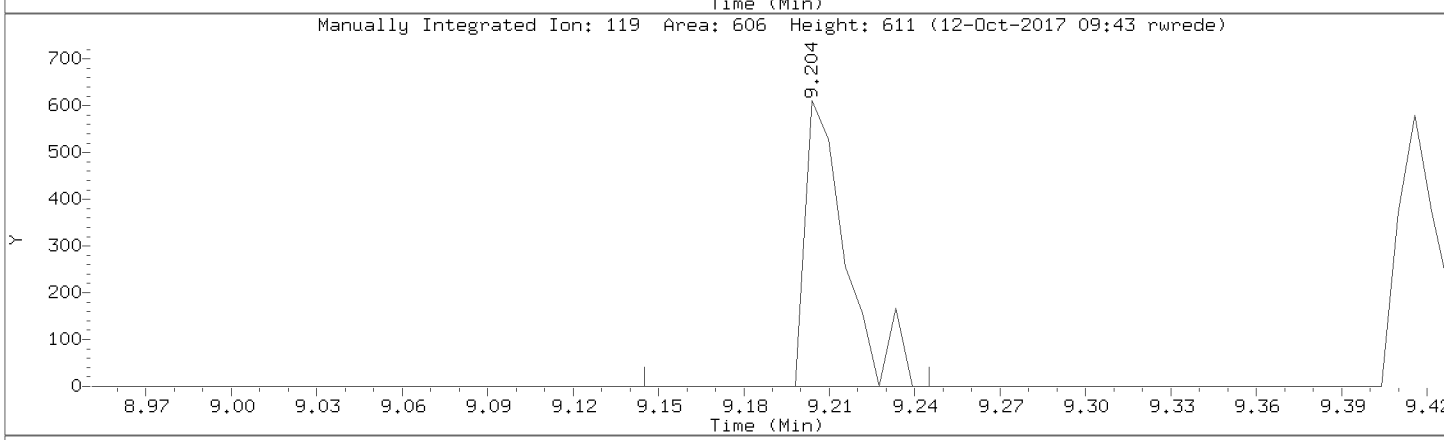
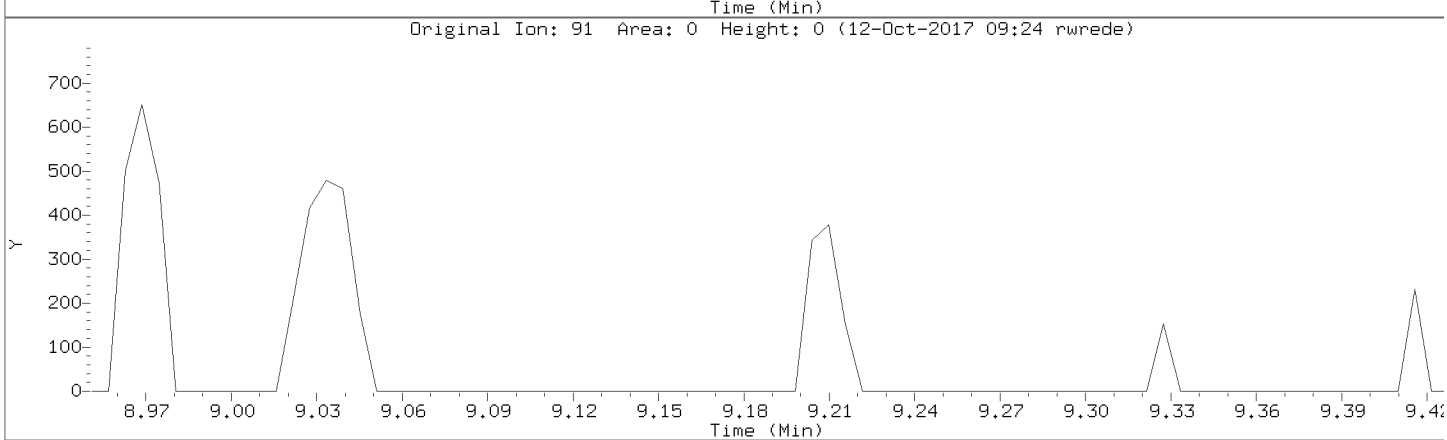
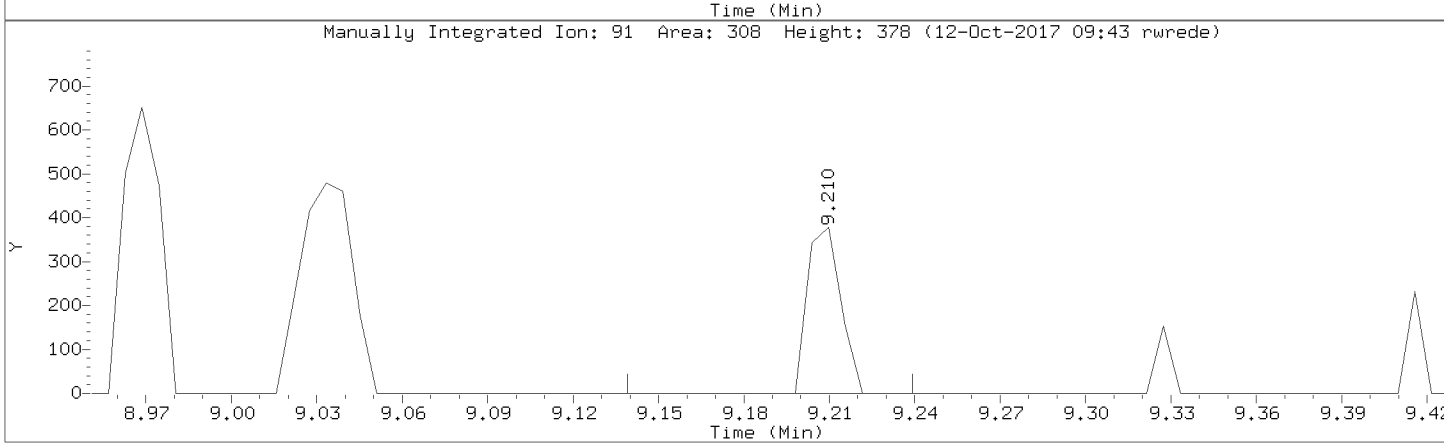
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: tert-Butylbenzene Review Code: NI
CAS Number: 98-06-6









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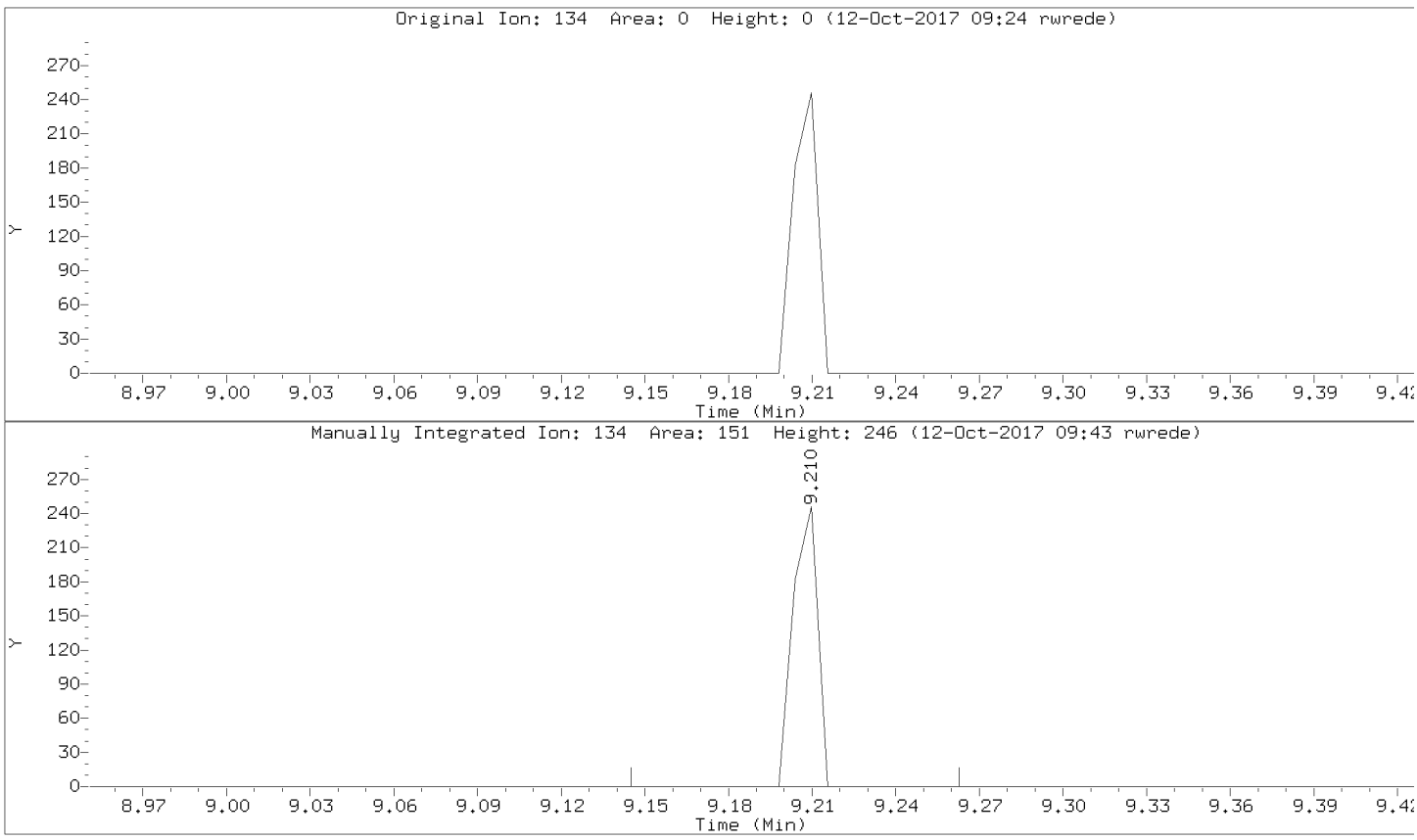
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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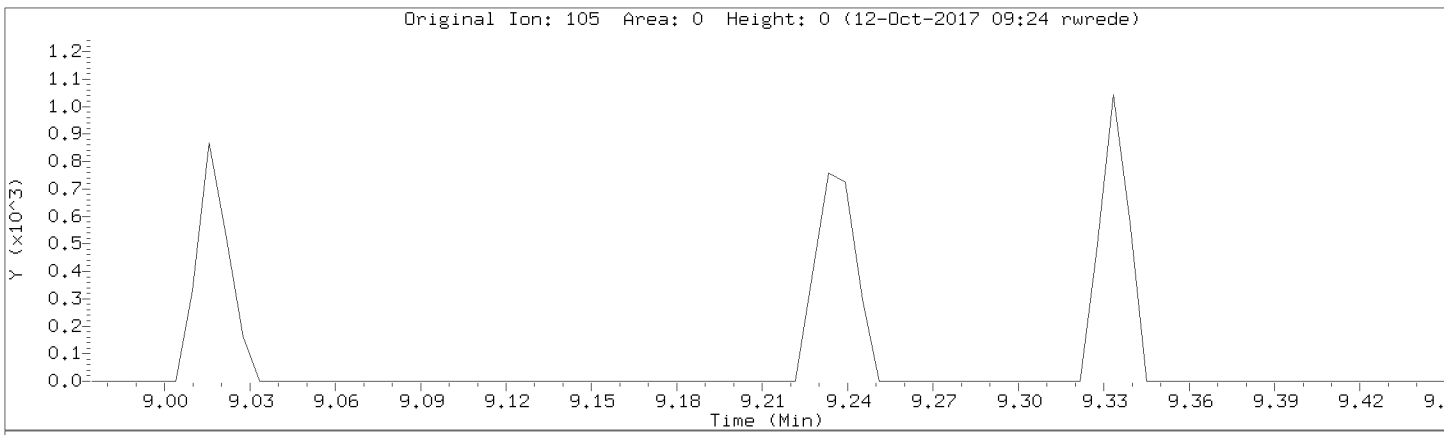
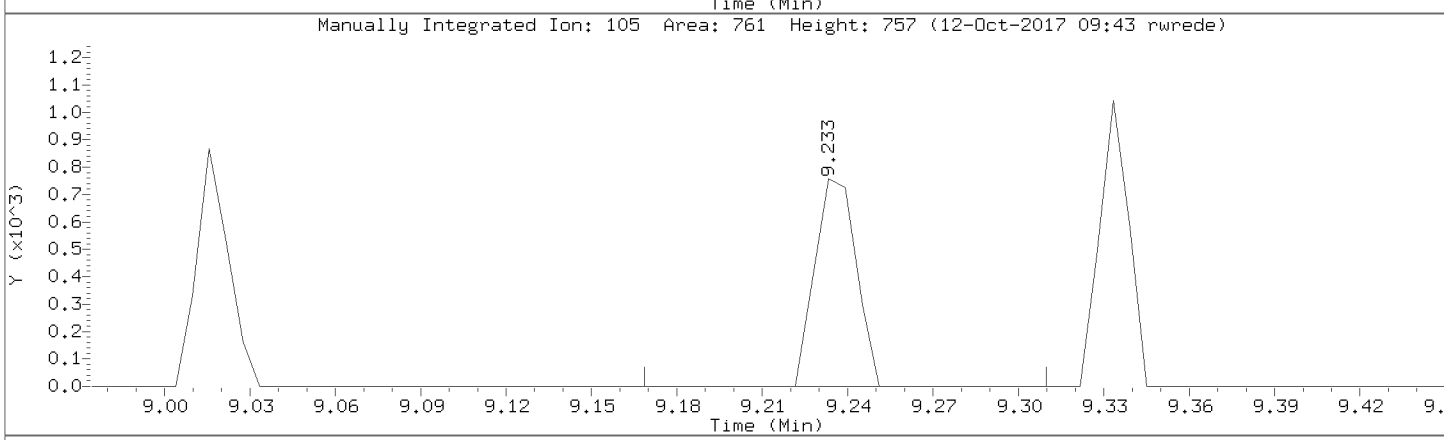
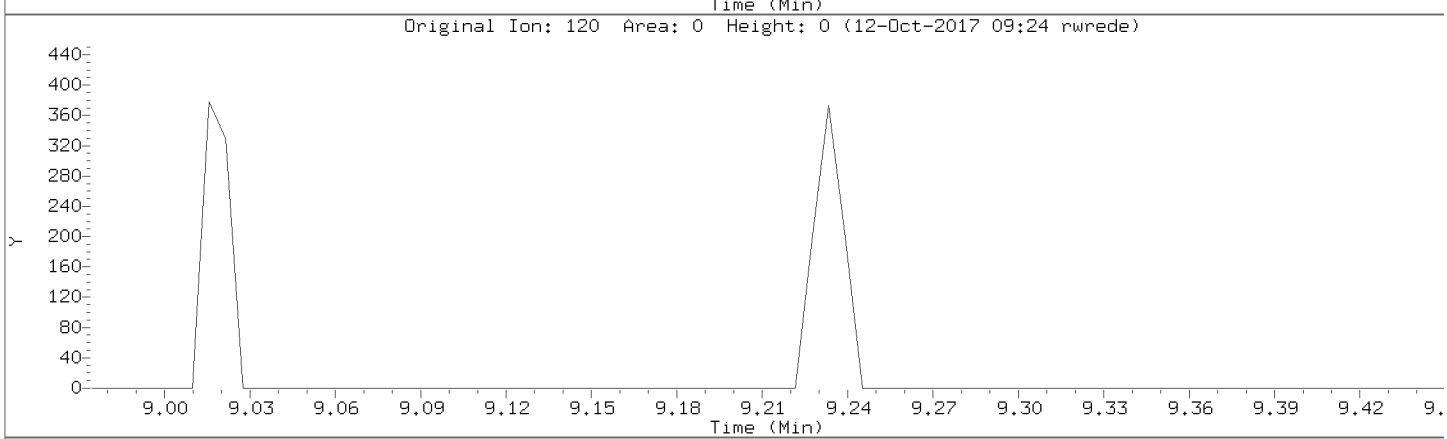
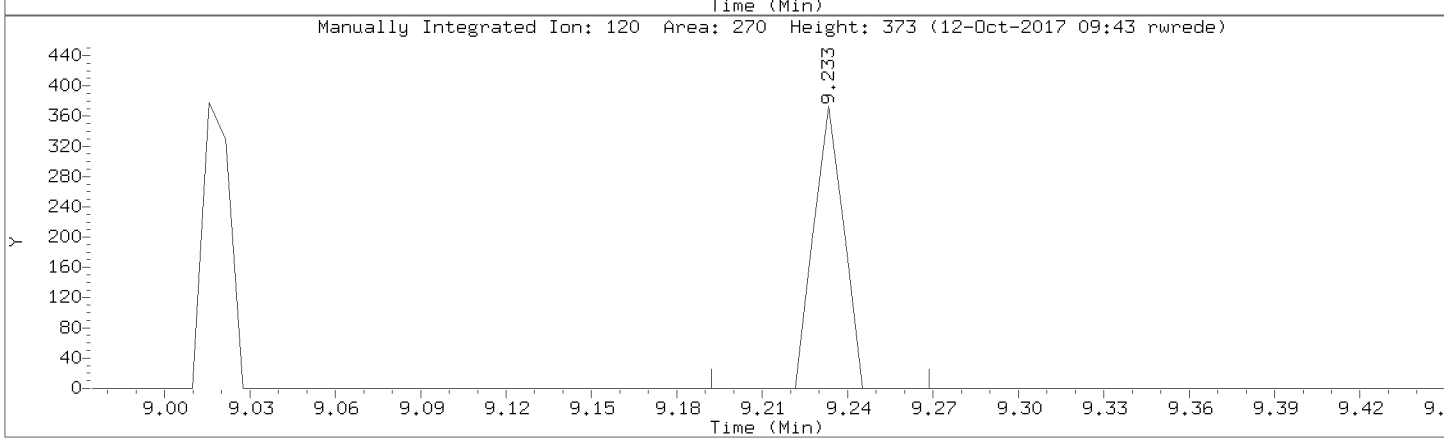
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2,4-Trimethylbenzene Review Code: NI
CAS Number: 95-63-6









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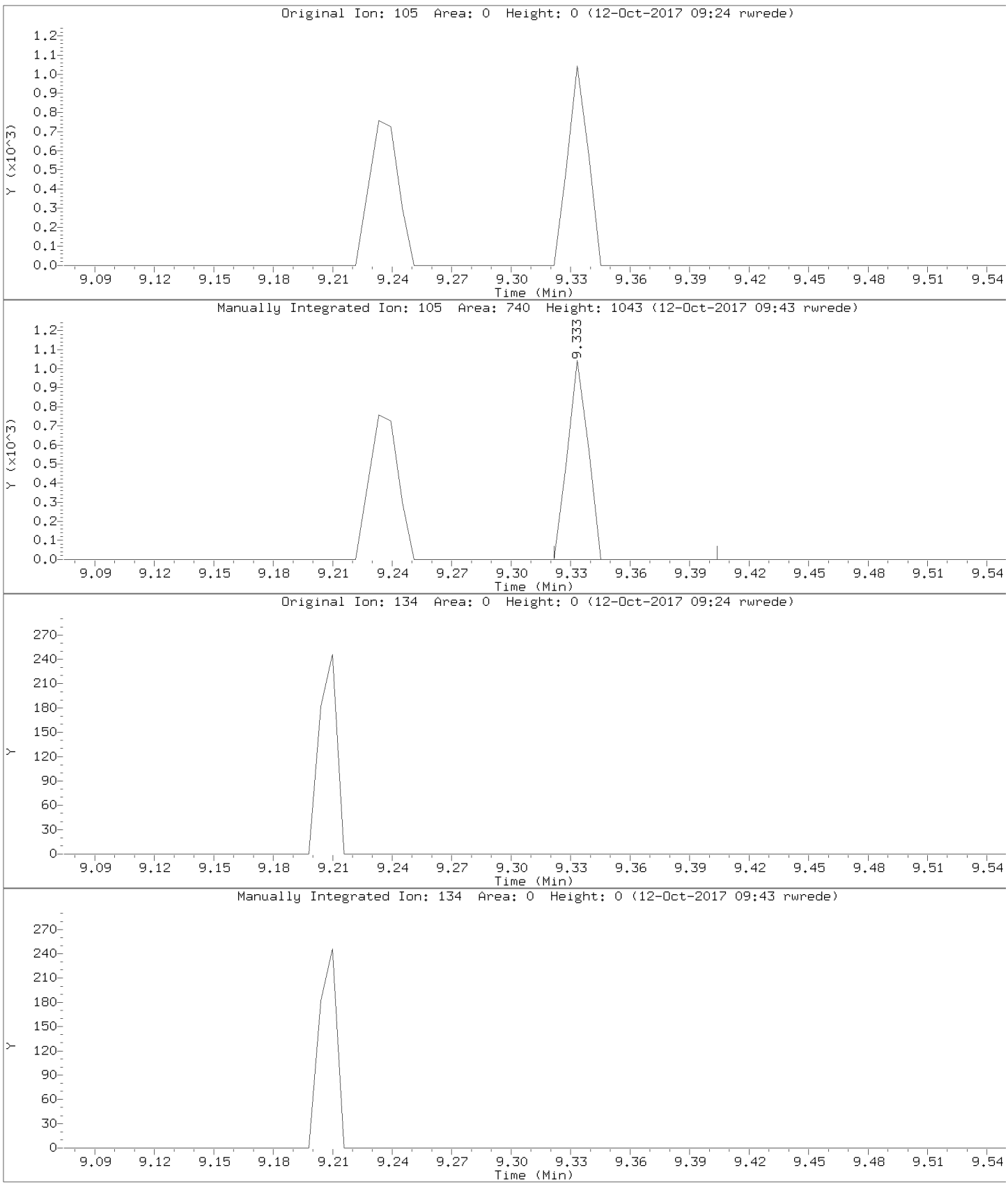
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: sec-Butylbenzene Review Code: NI
CAS Number: 135-98-8



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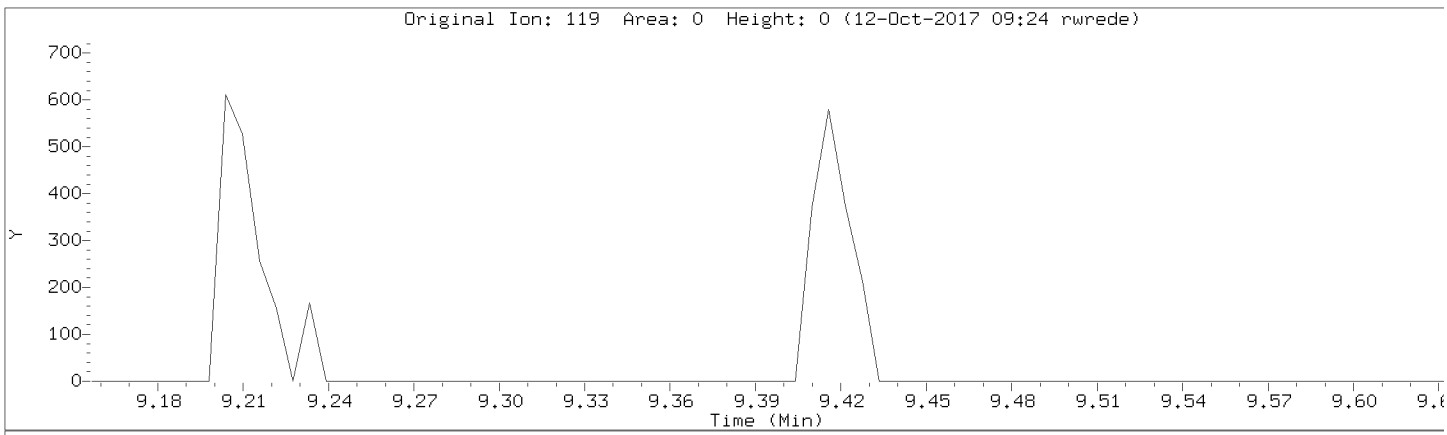
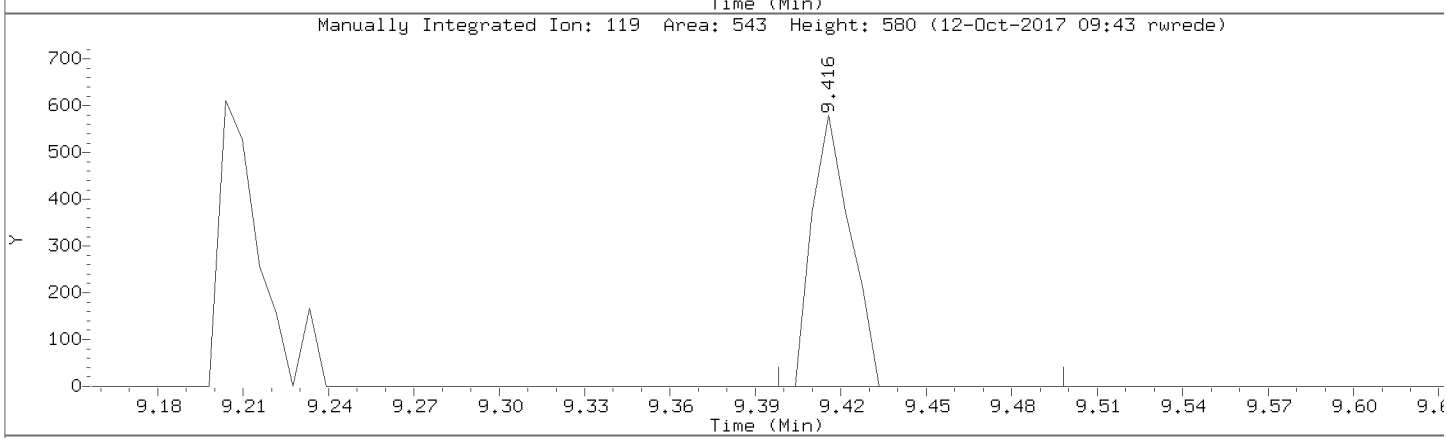
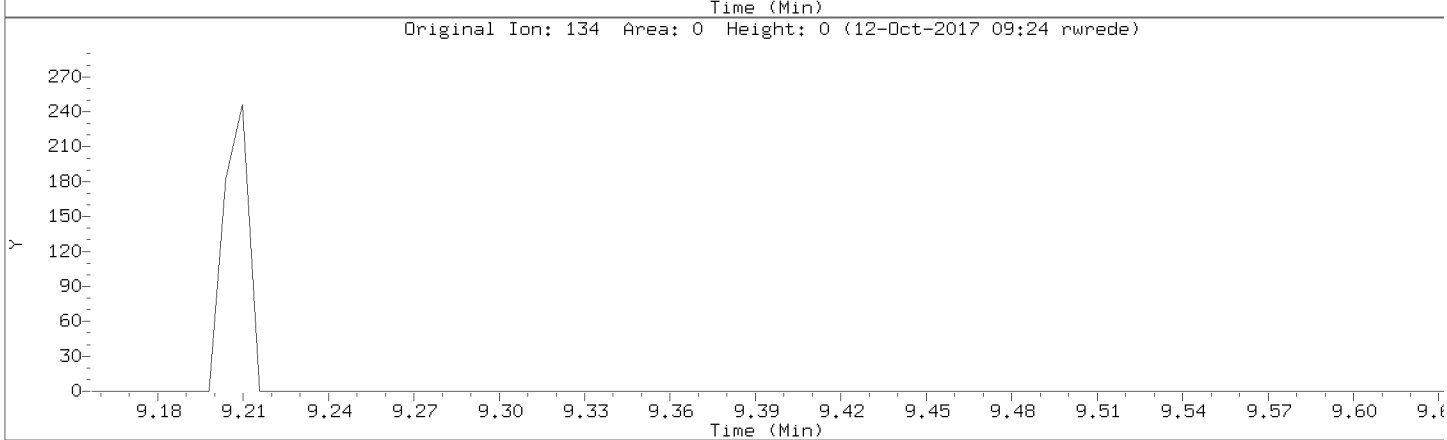
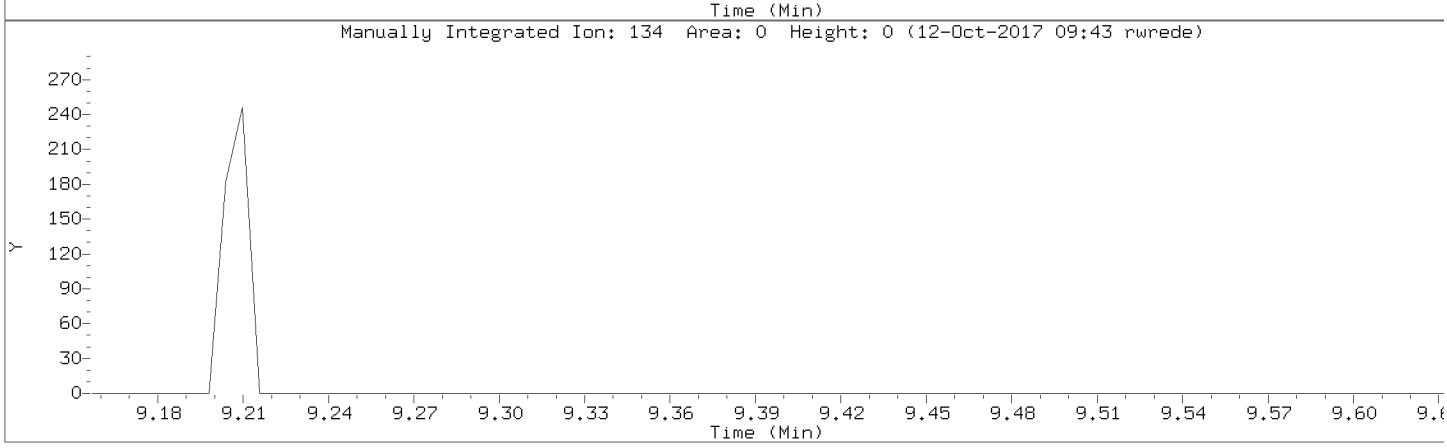
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: p-Isopropyltoluene Review Code: NI
CAS Number: 99-87-6









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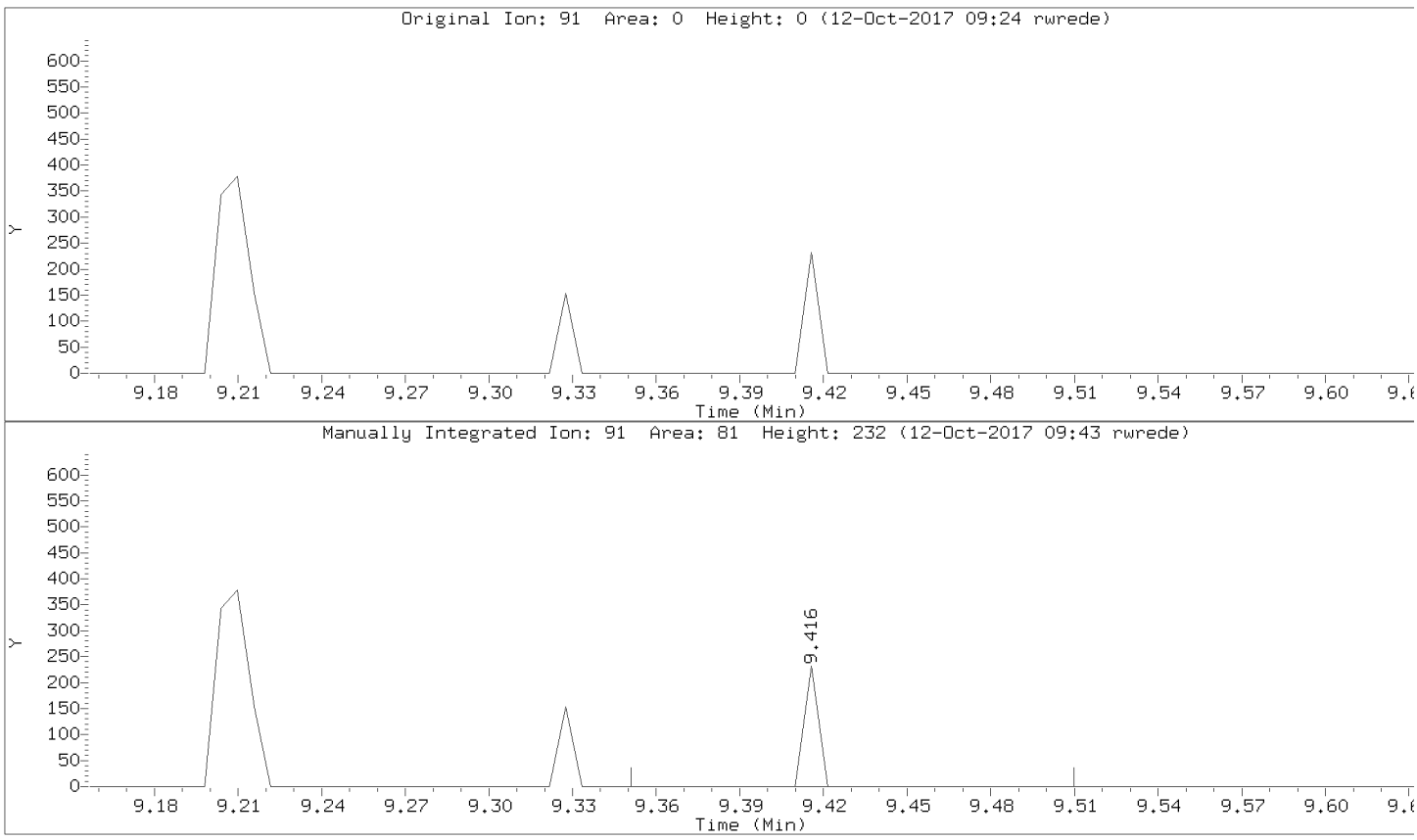
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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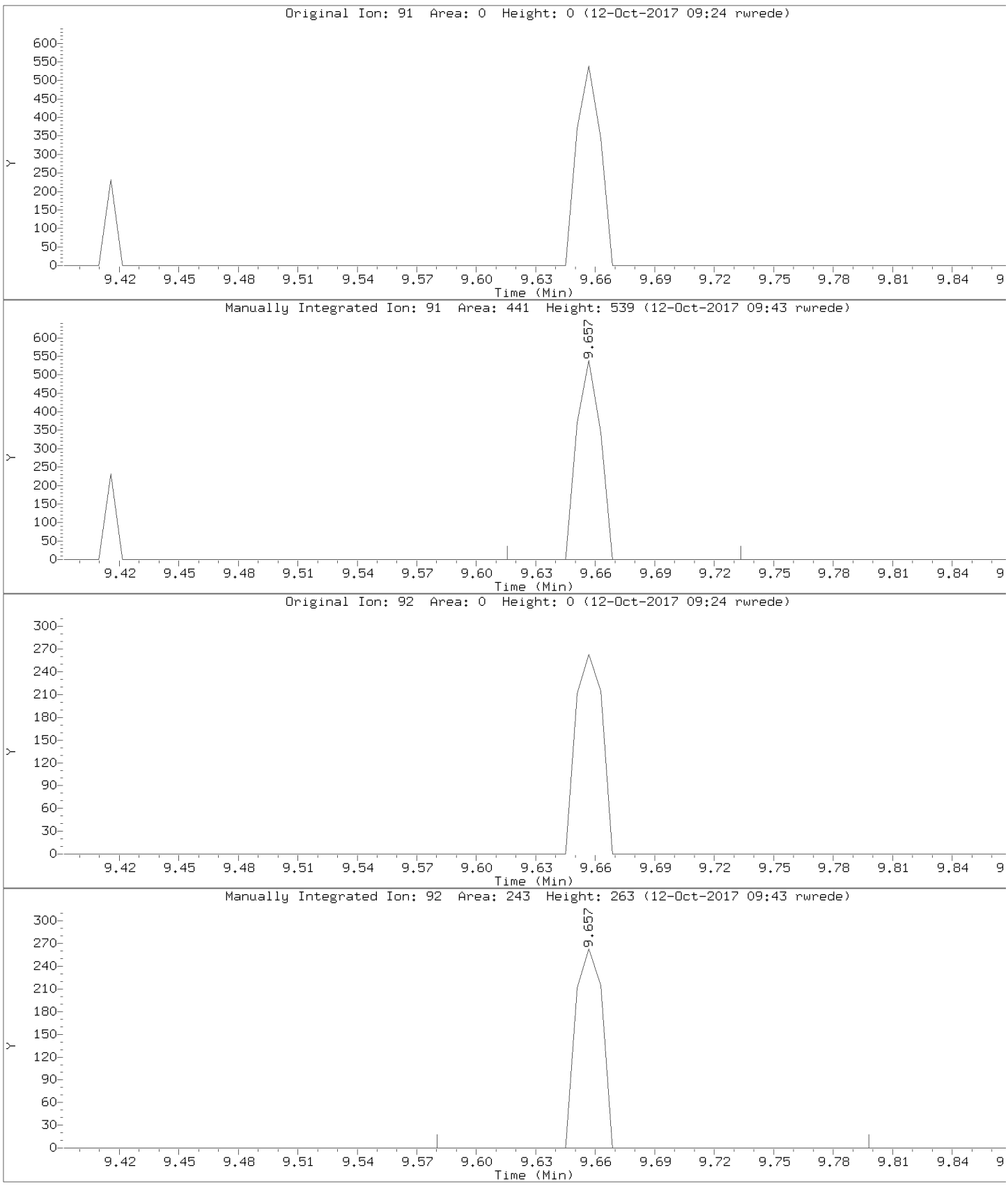
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: n-Butylbenzene Review Code: NI
CAS Number: 104-51-8



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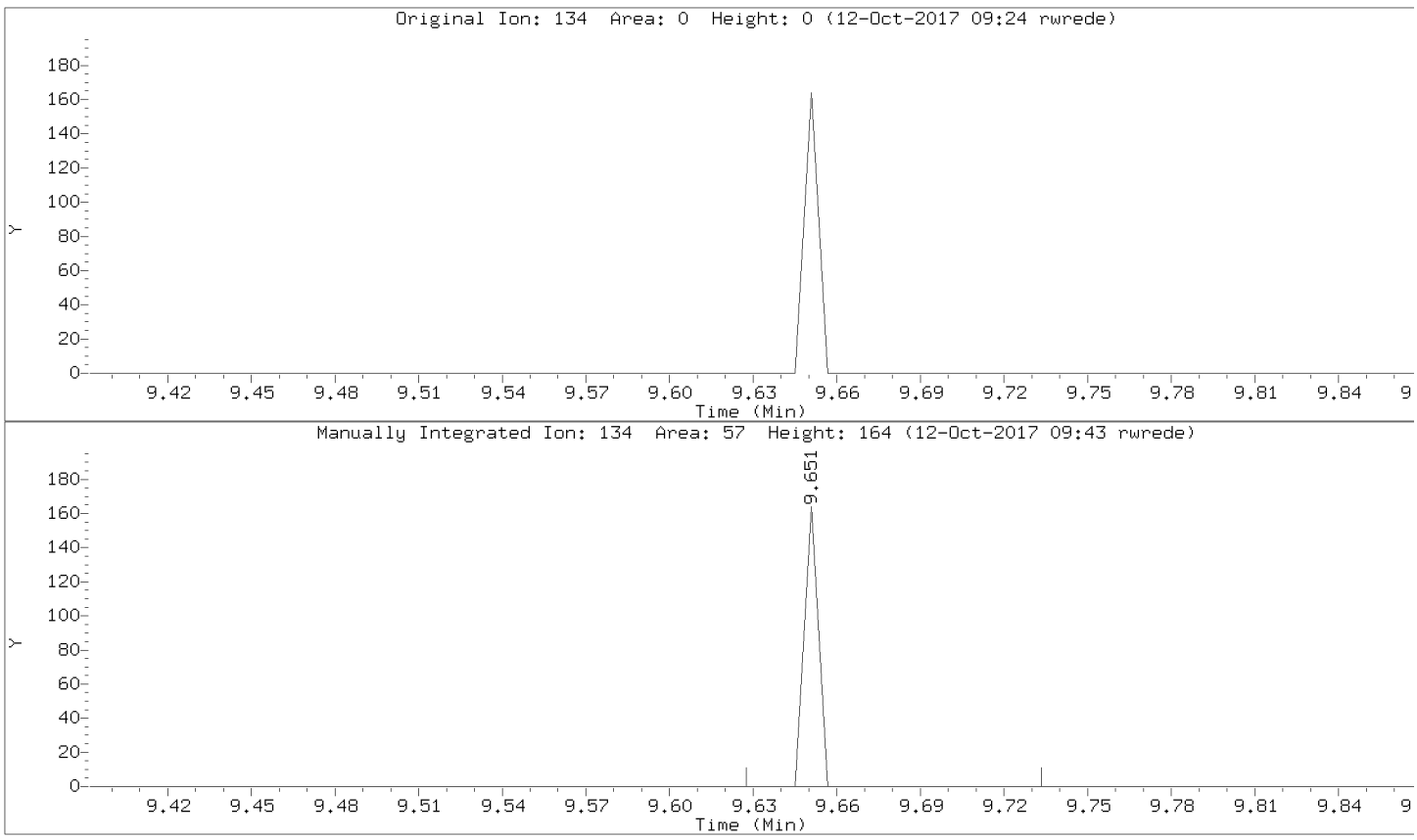
Lab Sample ID: 8260-CAL1



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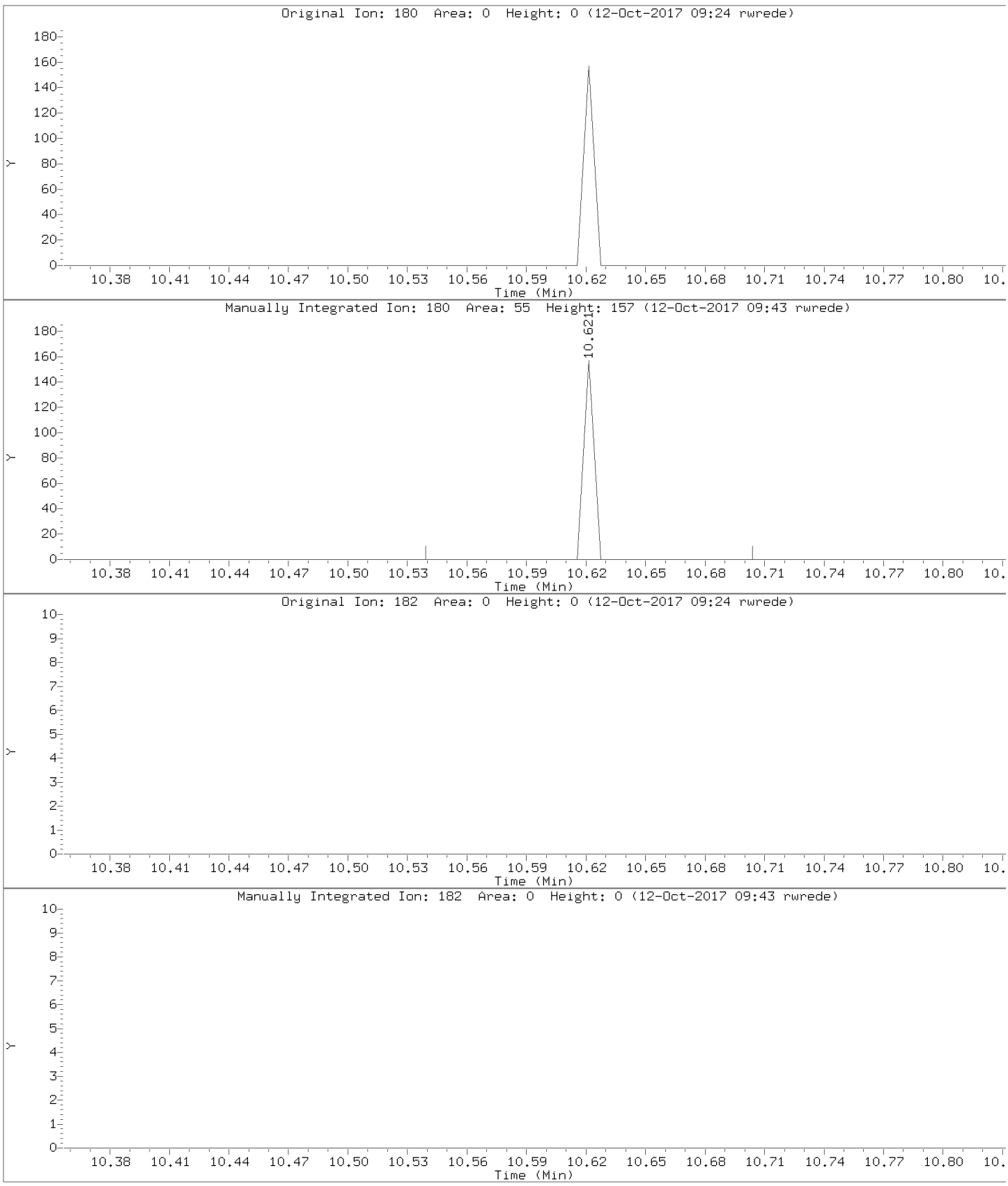
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2,4-Trichlorobenzene Review Code: NI
CAS Number: 120-82-1



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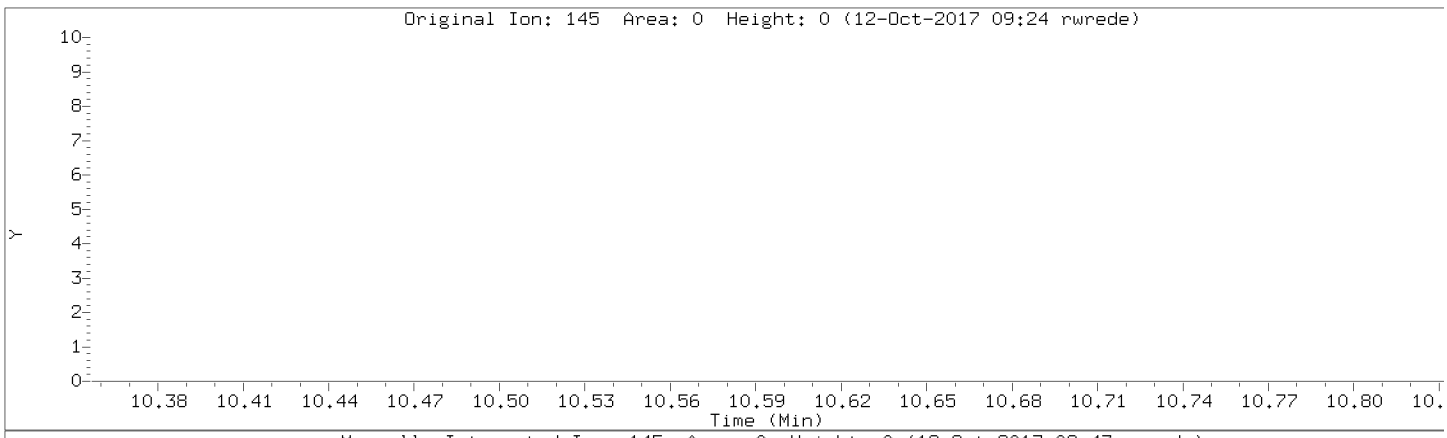
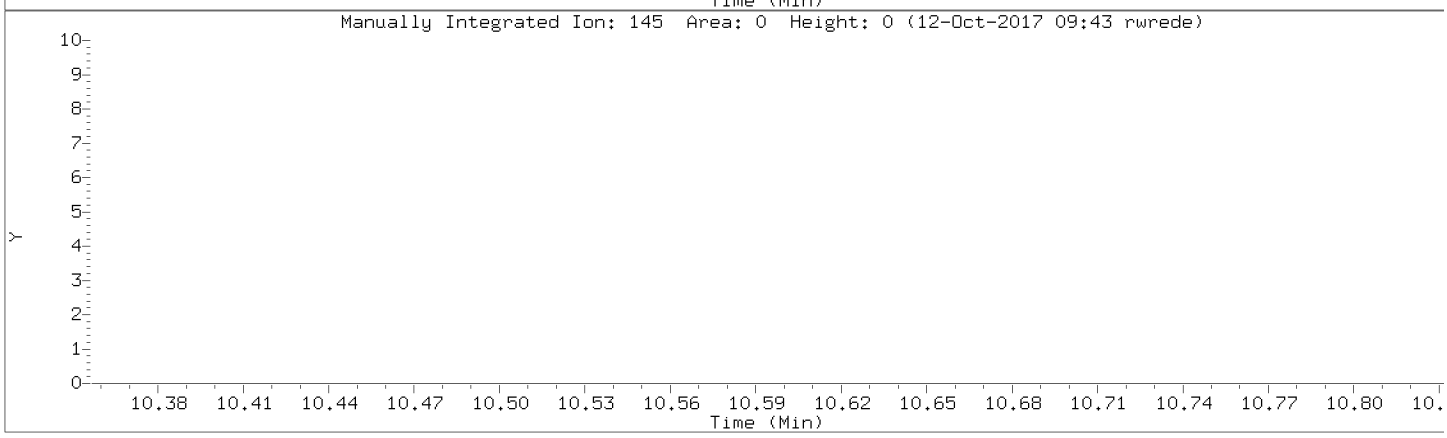
Lab Sample ID: 8260-CAL1





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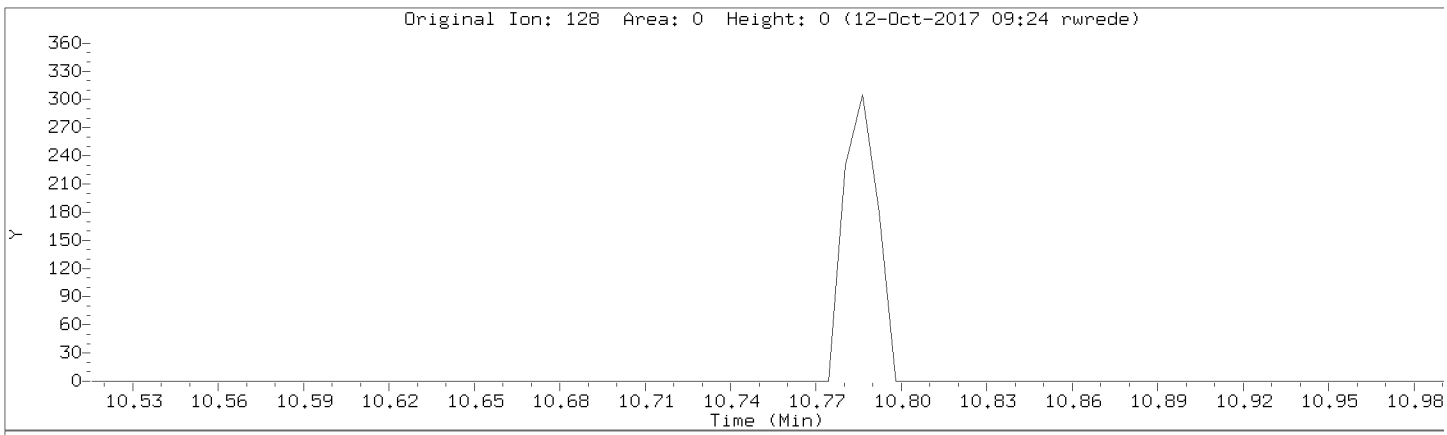
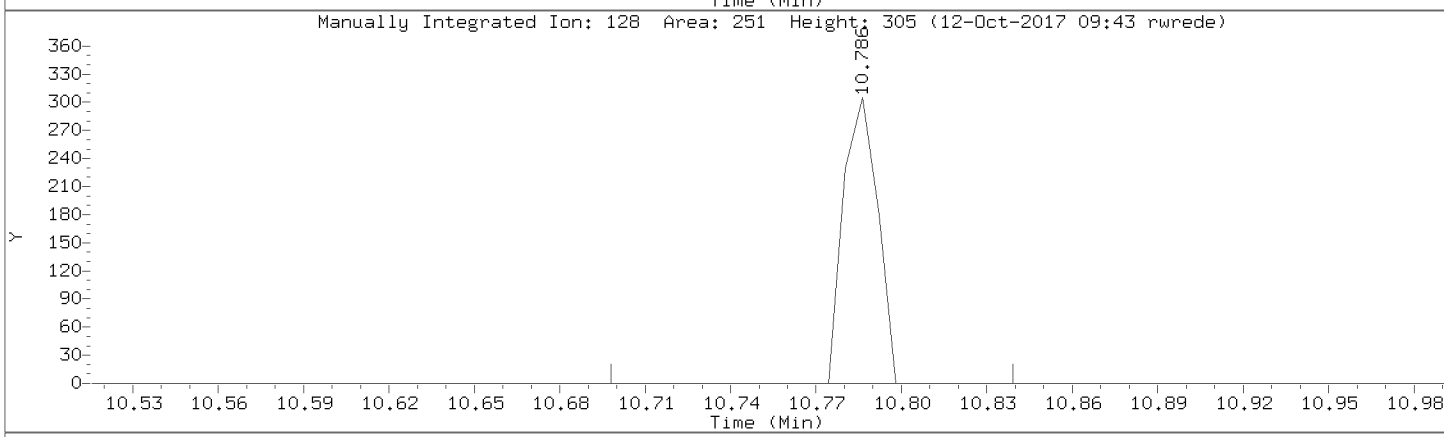
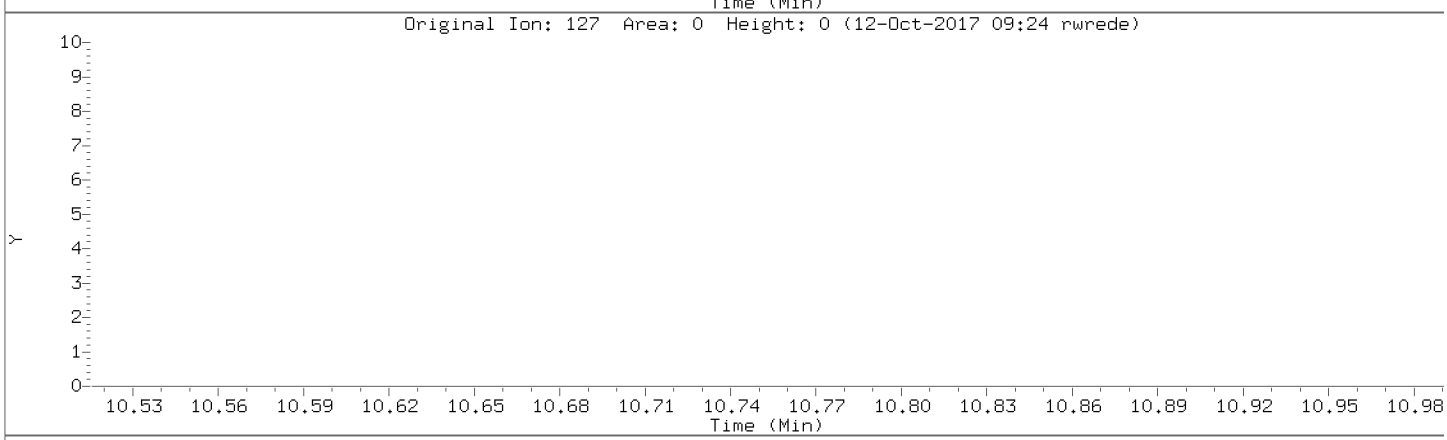
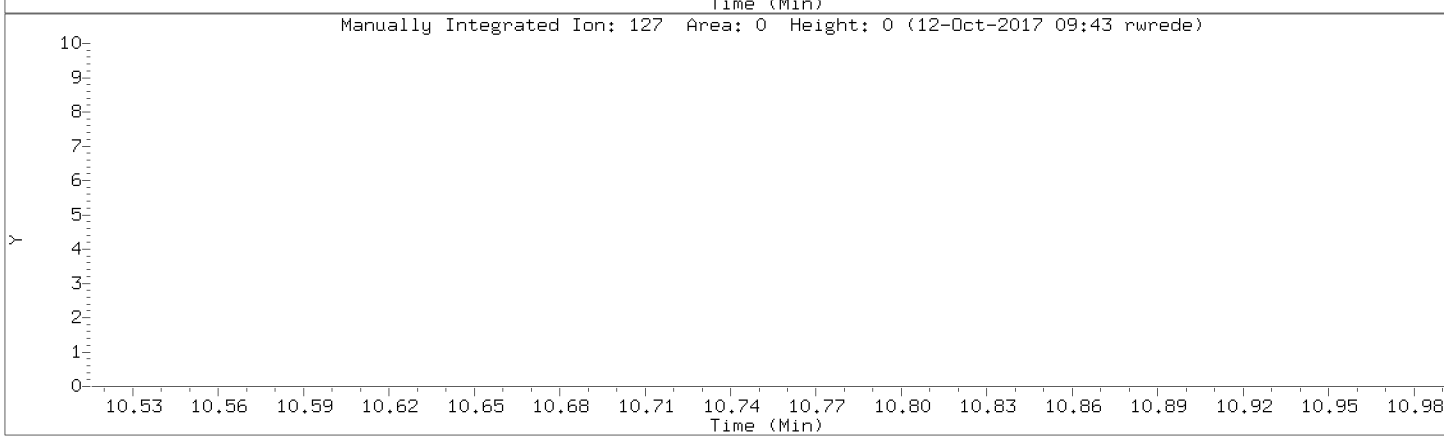
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Naphthalene Review Code: NI
CAS Number: 91-20-3









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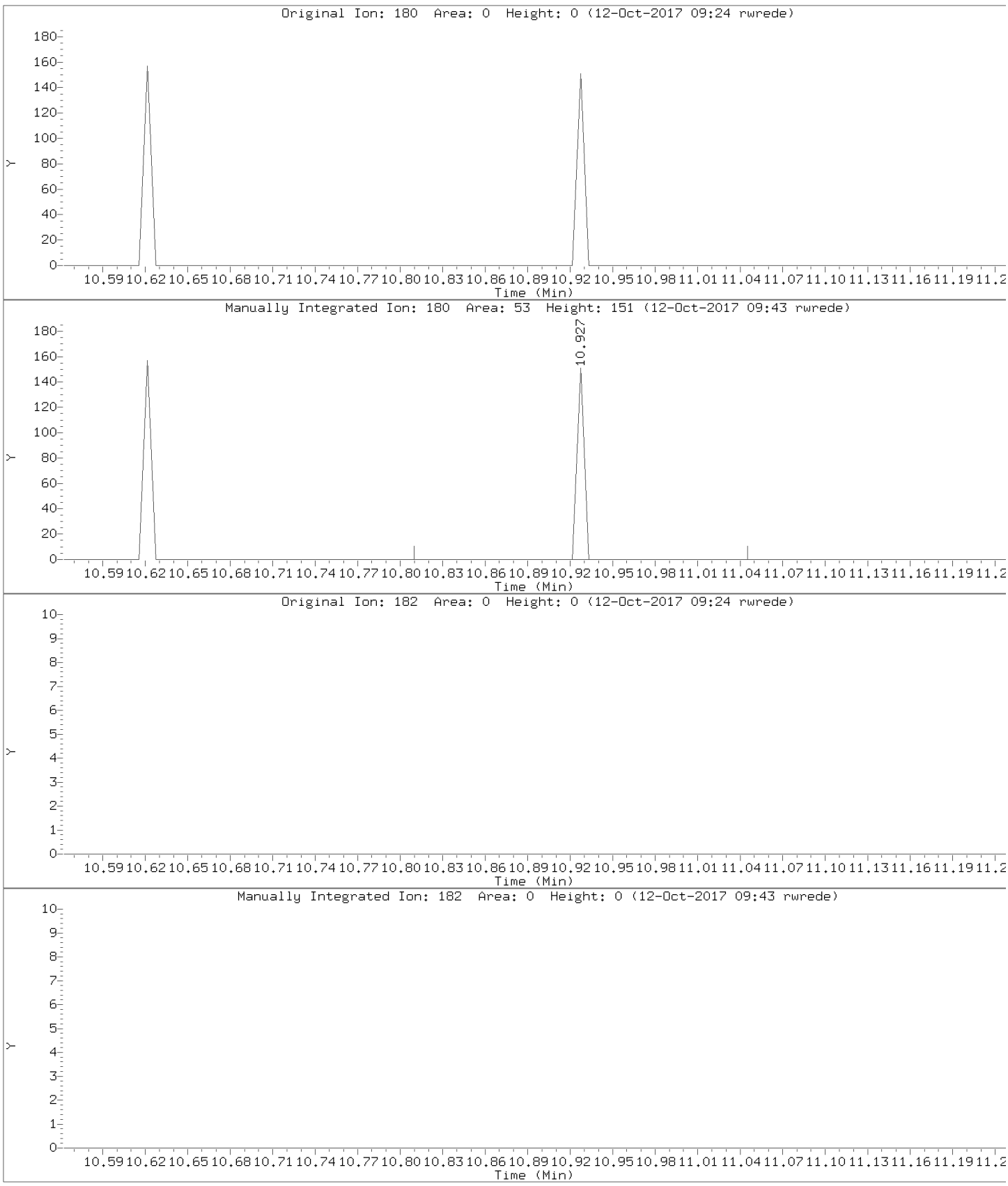
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 1,2,3-Trichlorobenzene Review Code: NI
CAS Number: 87-61-6



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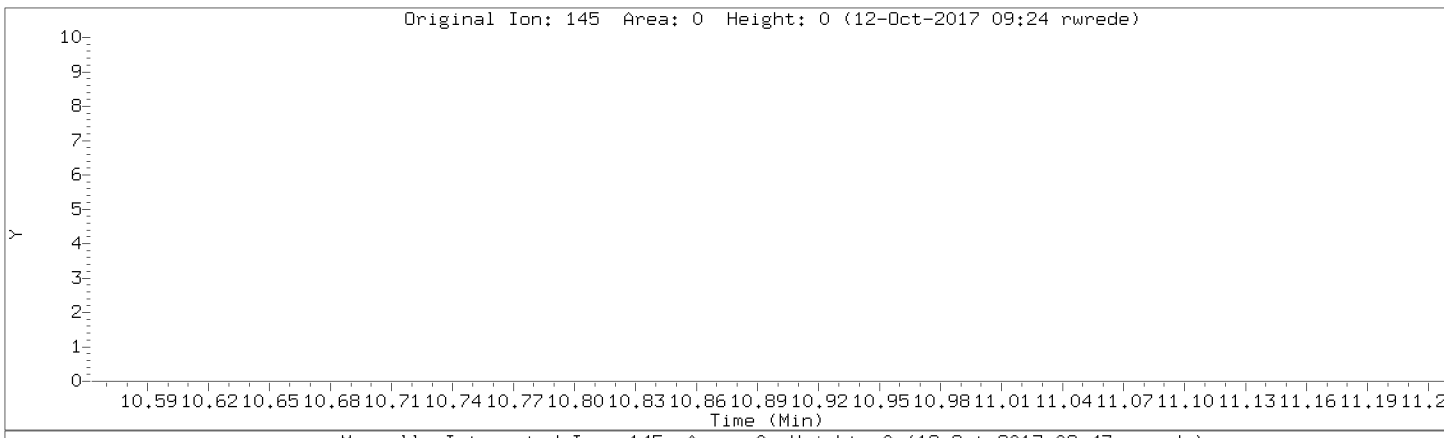
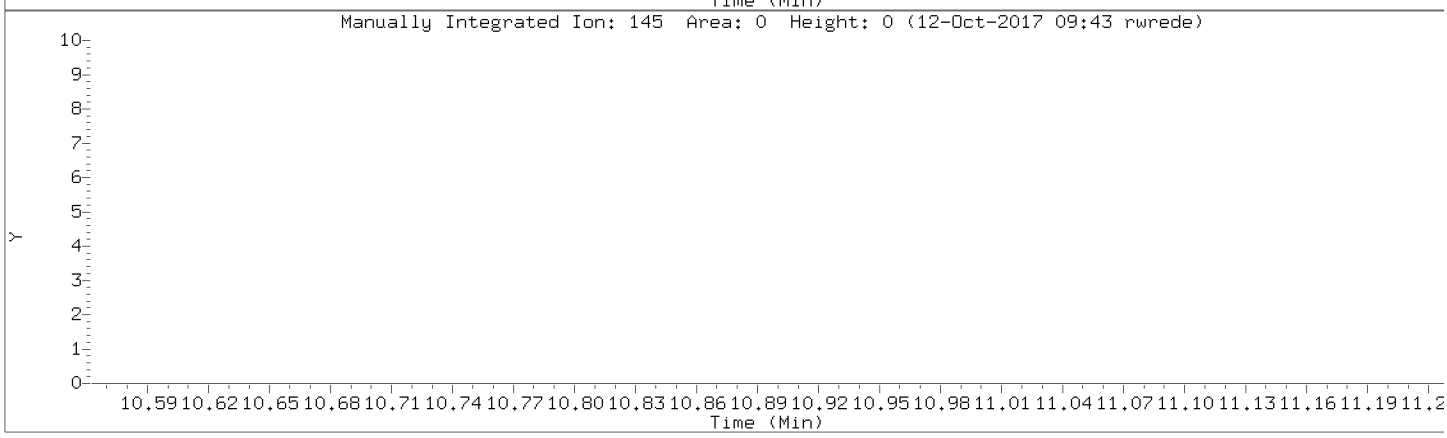
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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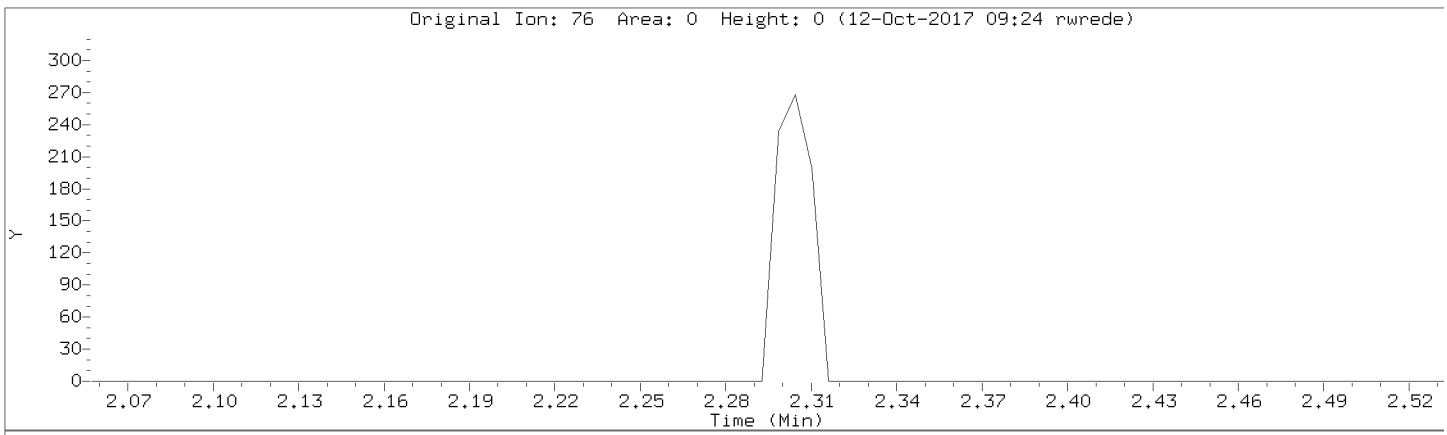
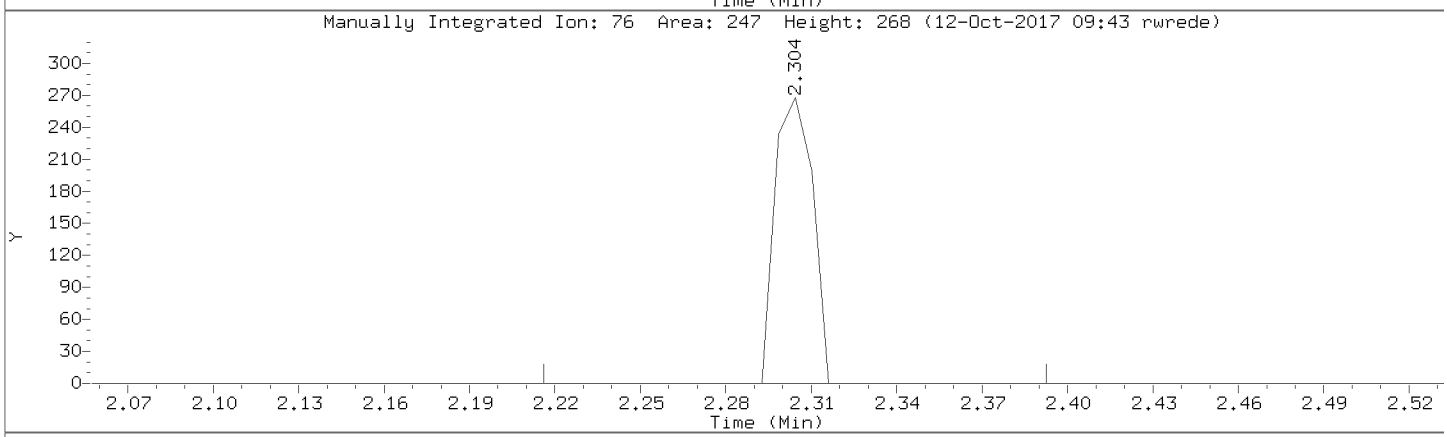
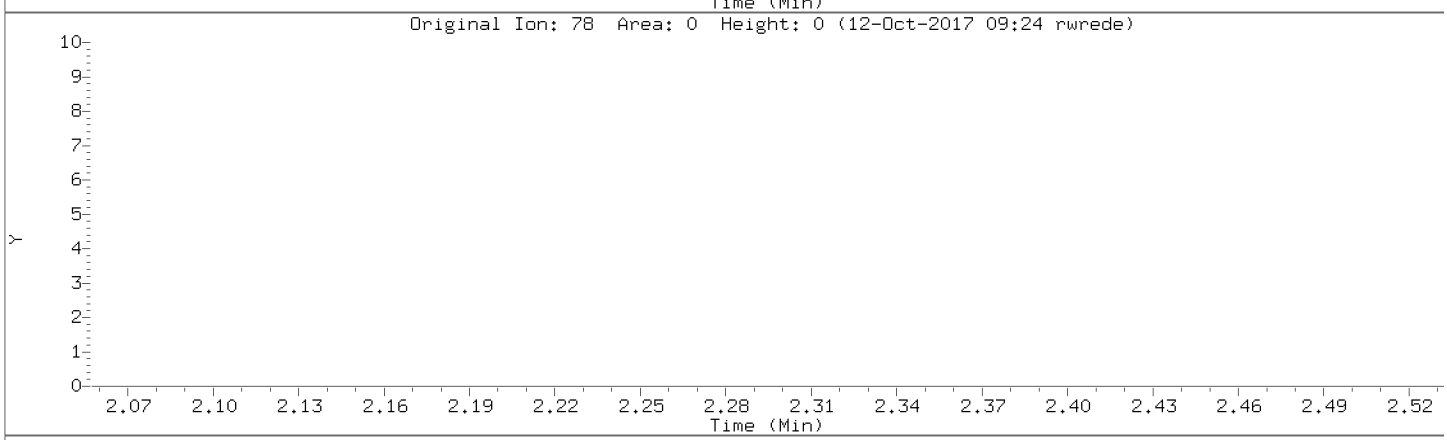
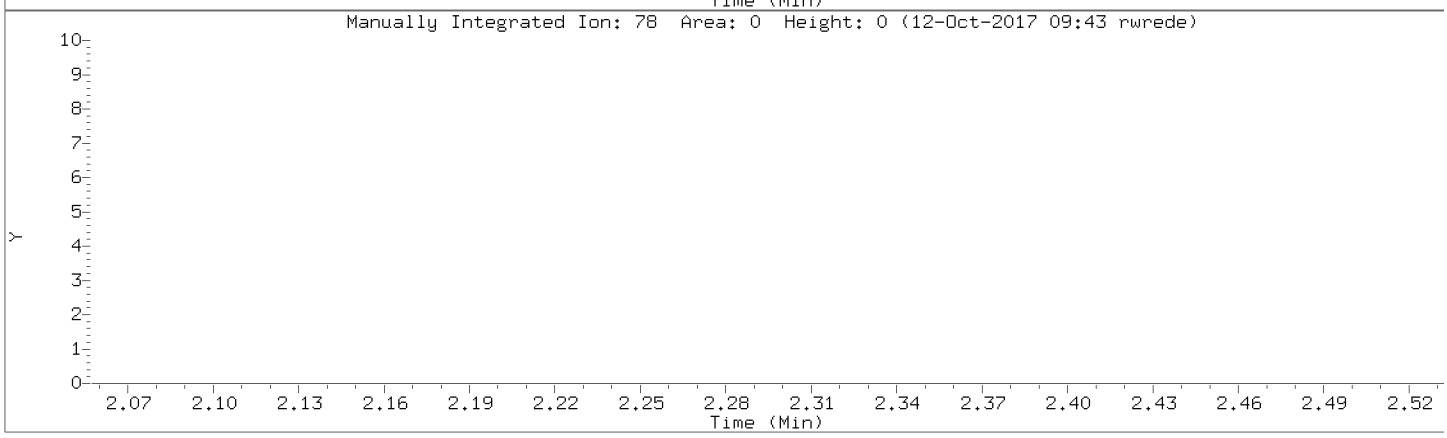
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Carbon Disulfide Review Code: NI
CAS Number: 75-15-0









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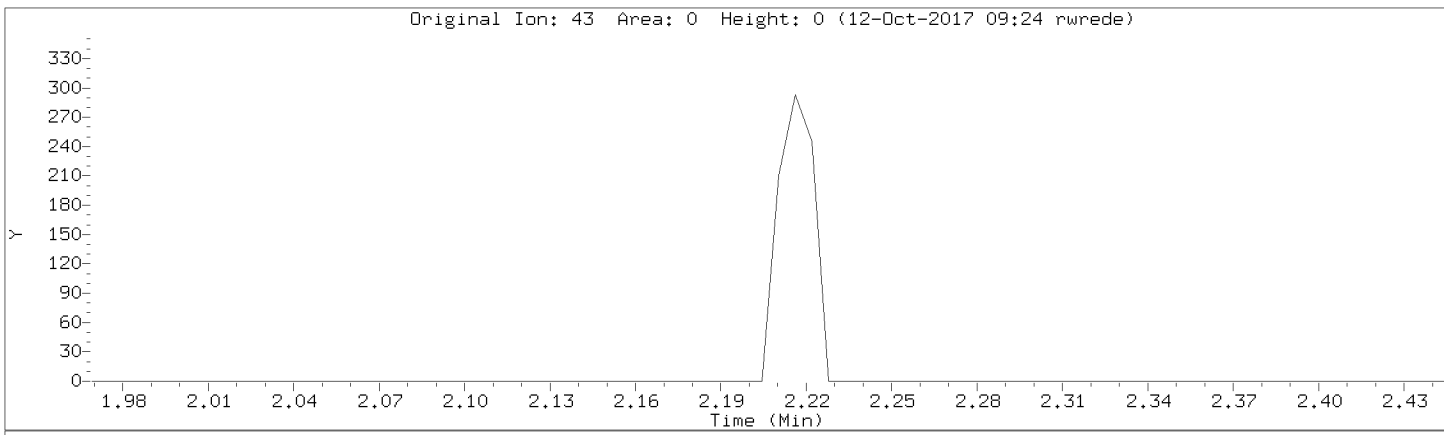
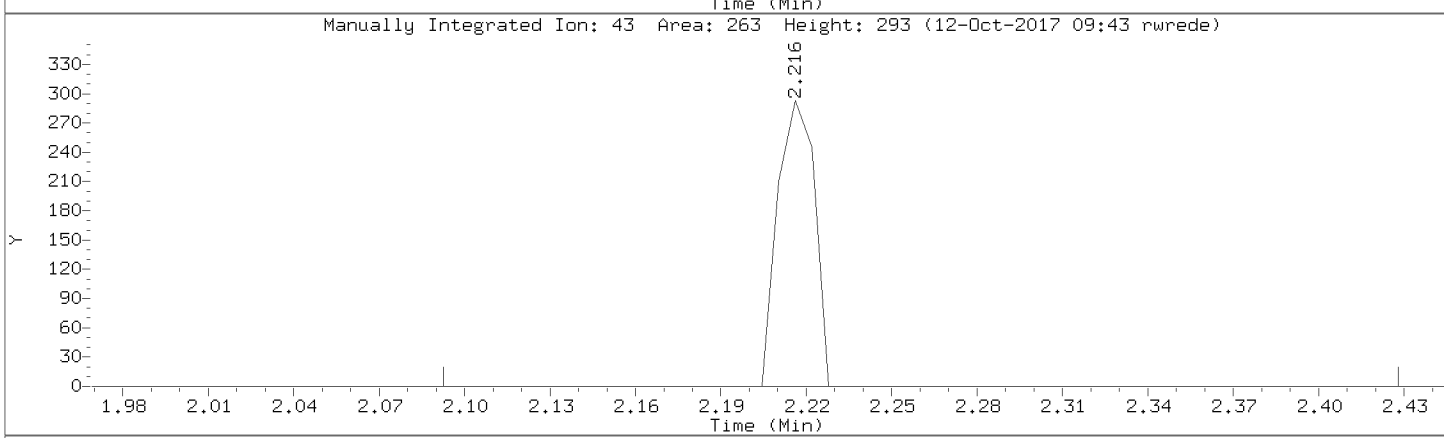
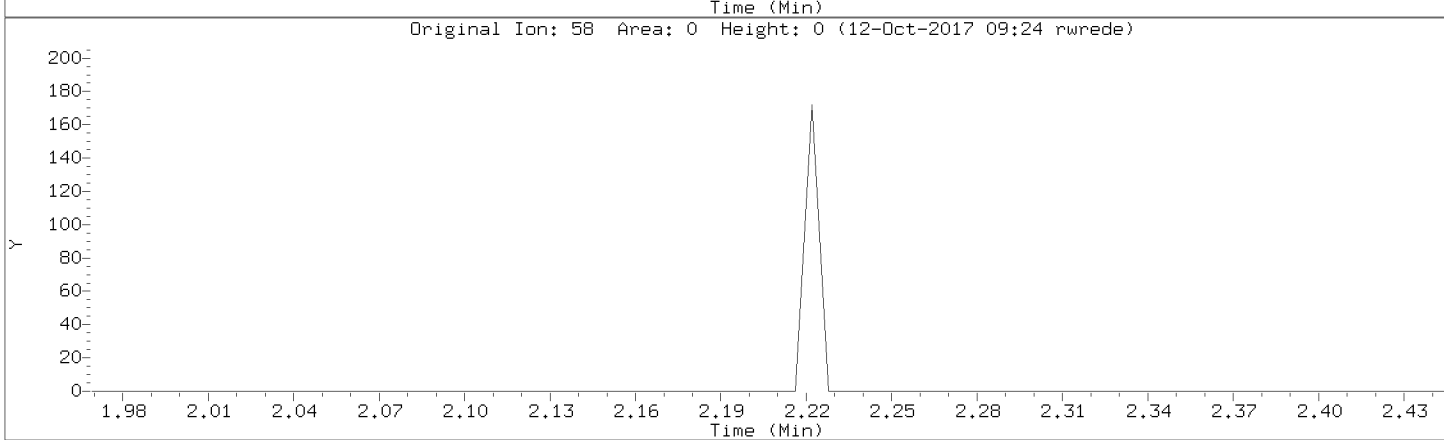
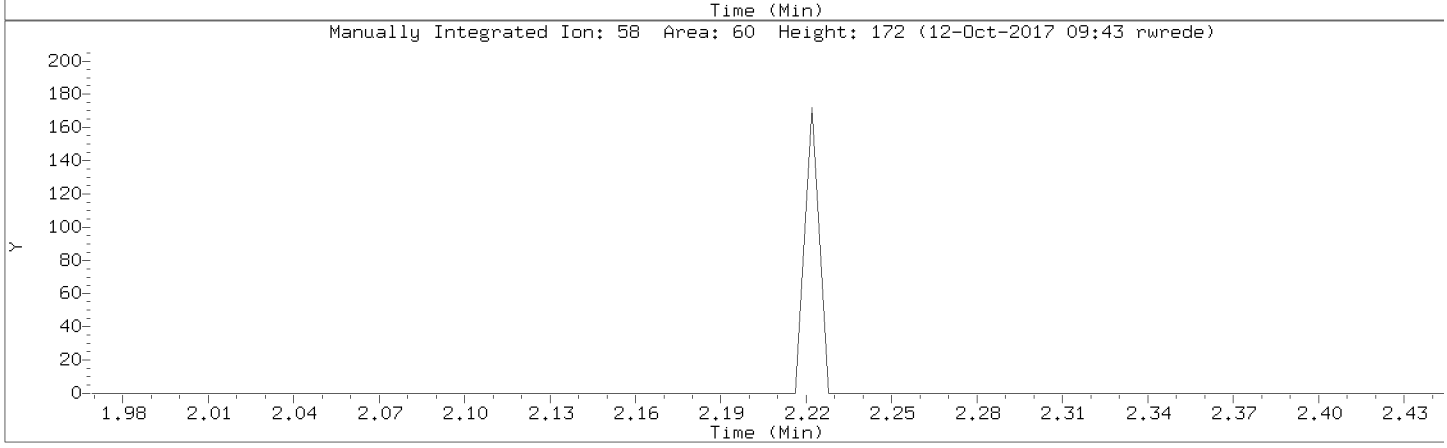
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Acetone Review Code: NI
CAS Number: 67-64-1









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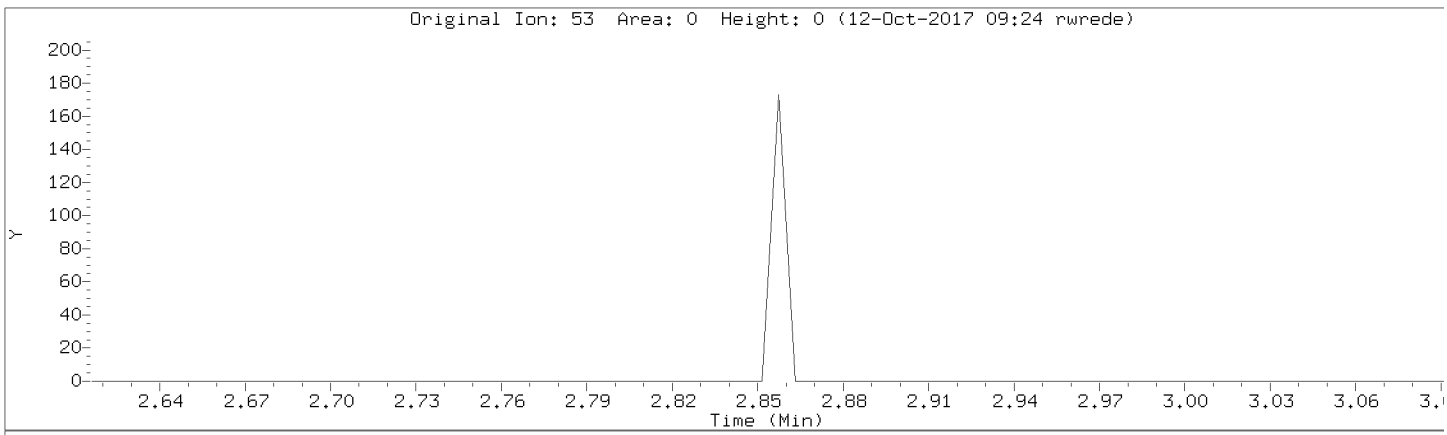
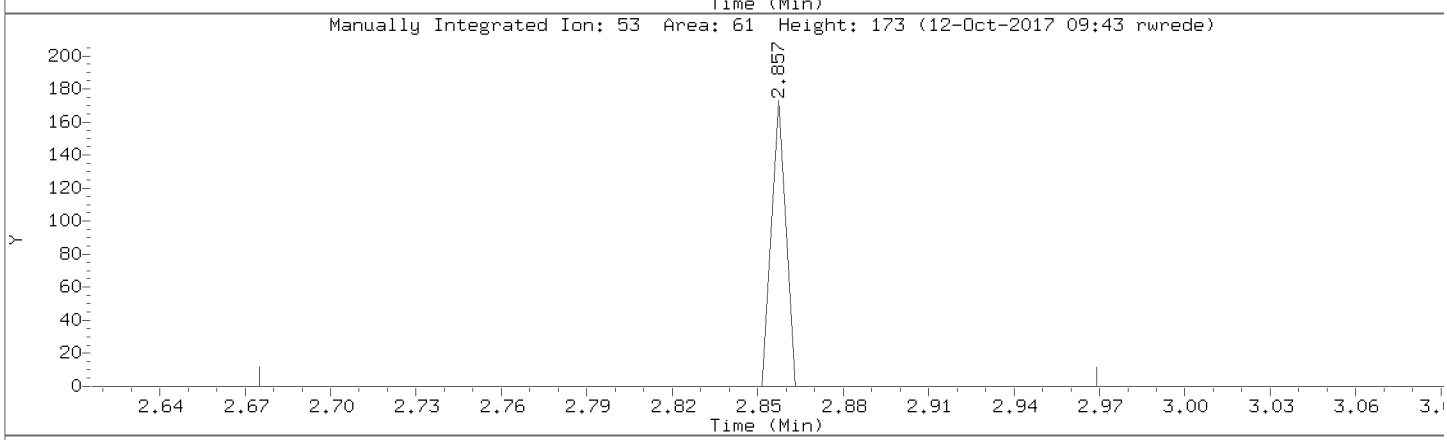
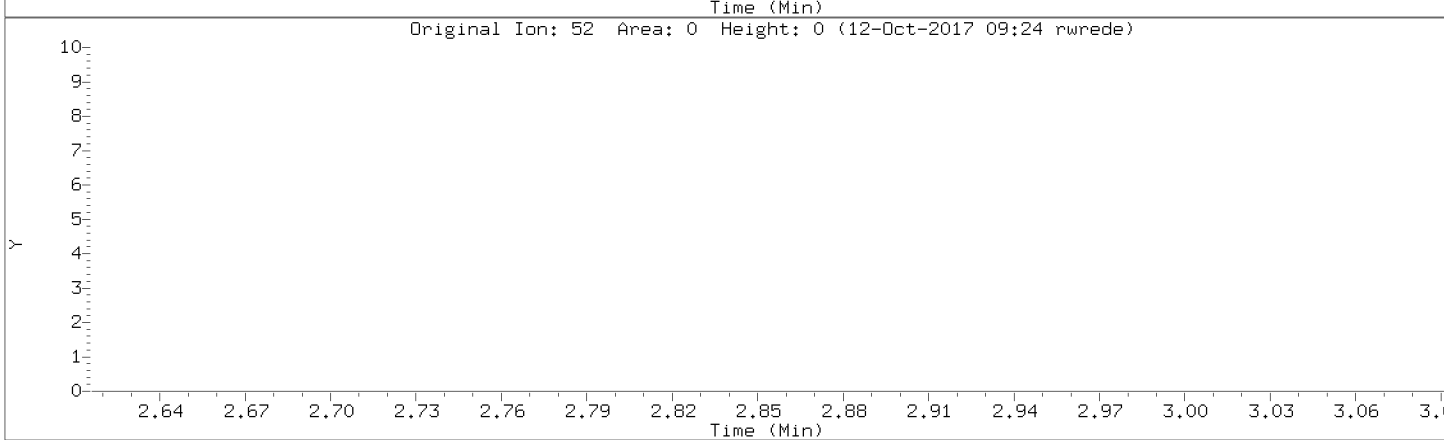
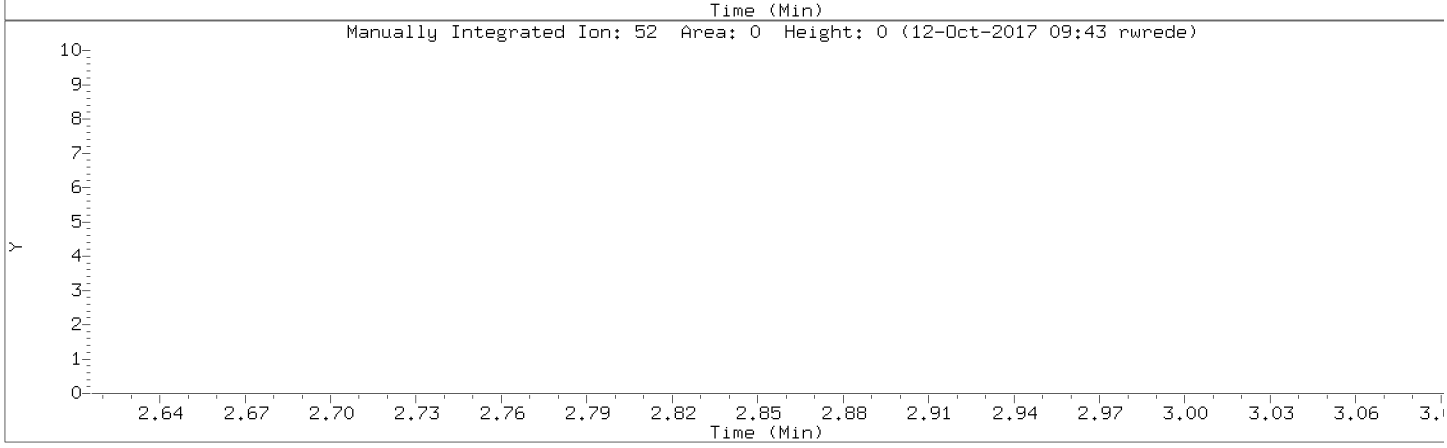
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Acrylonitrile Review Code: NI
CAS Number: 107-13-1









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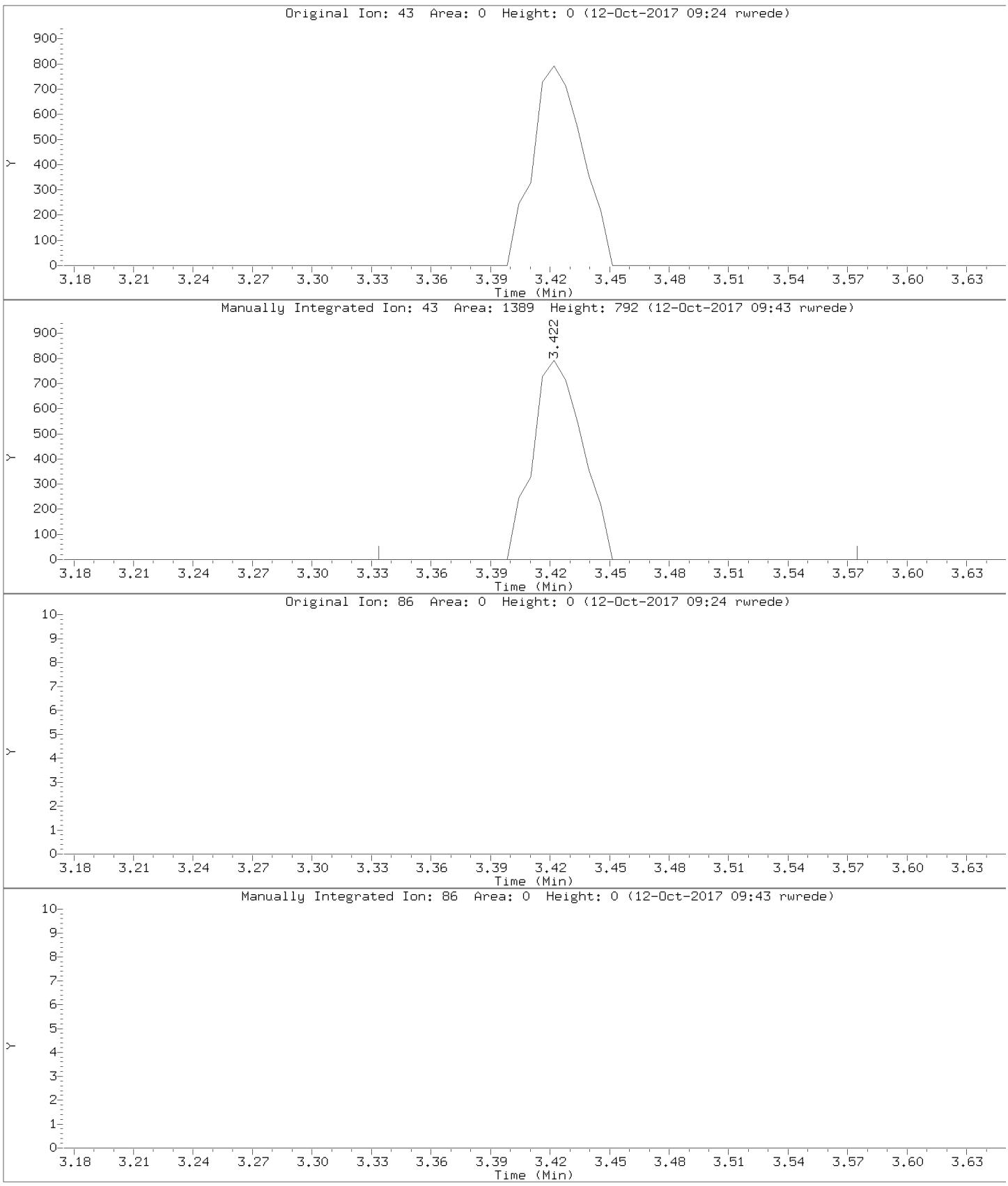
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Vinyl Acetate Review Code: NI
CAS Number: 108-05-4



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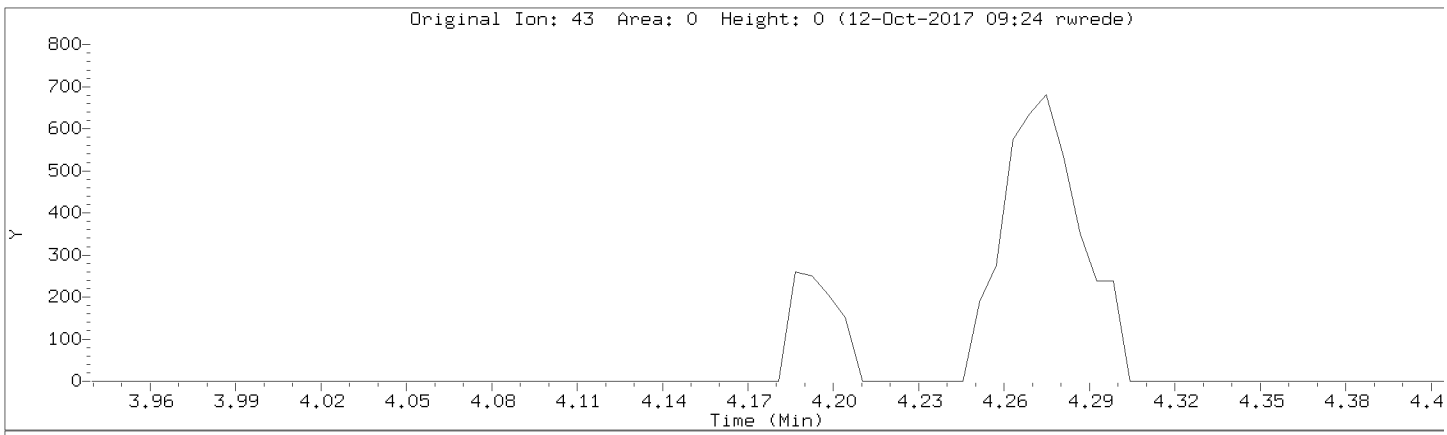
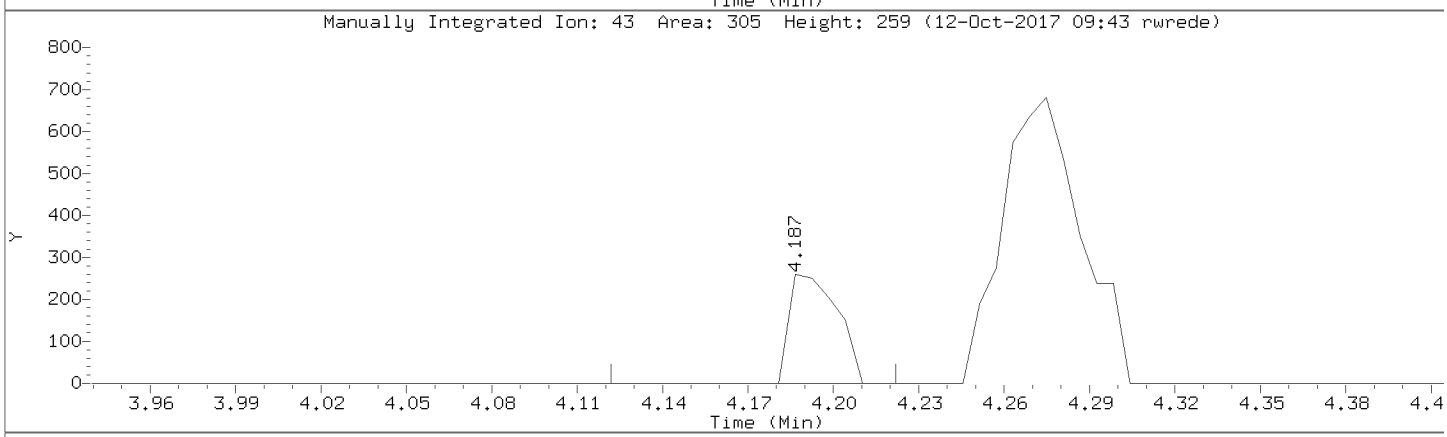
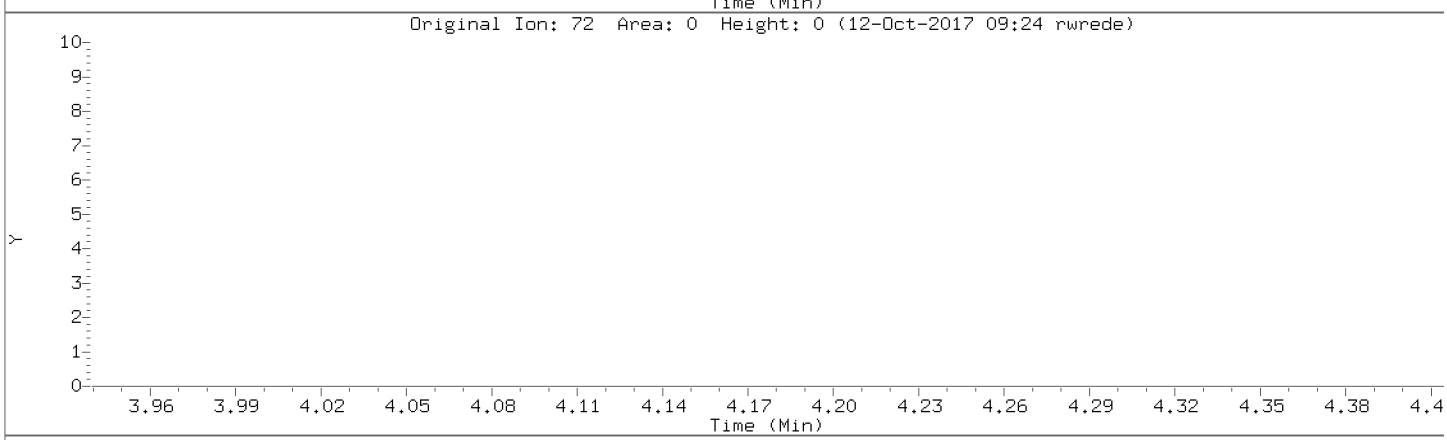
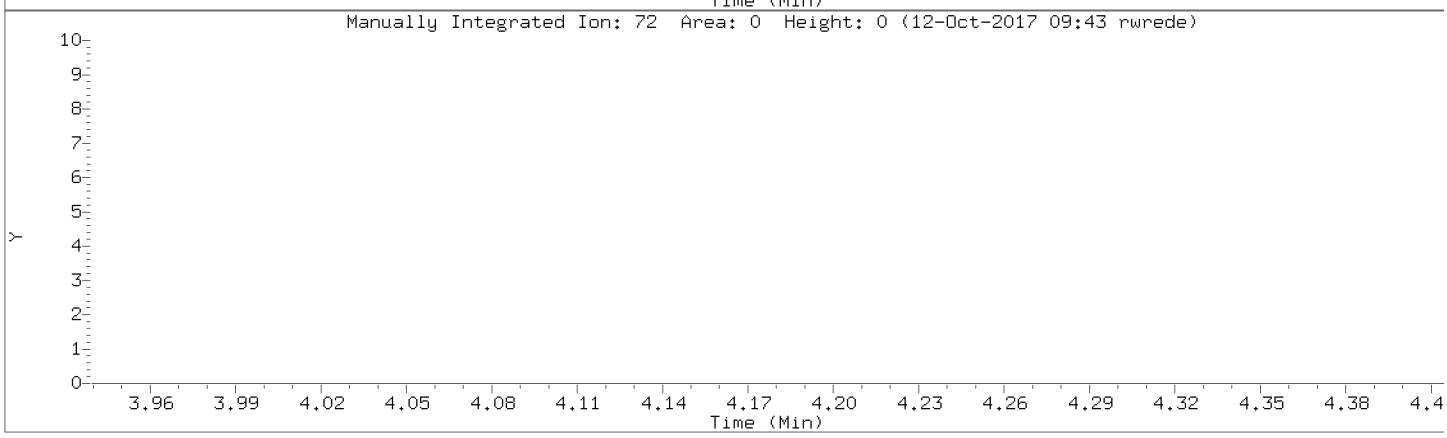
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 2-Butanone Review Code: NI
CAS Number: 78-93-3

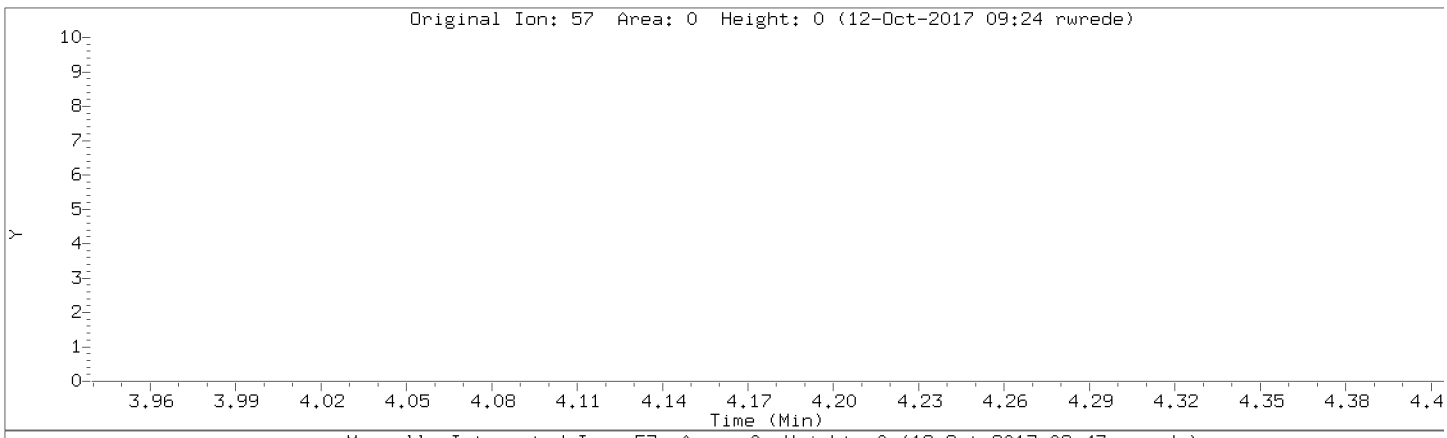


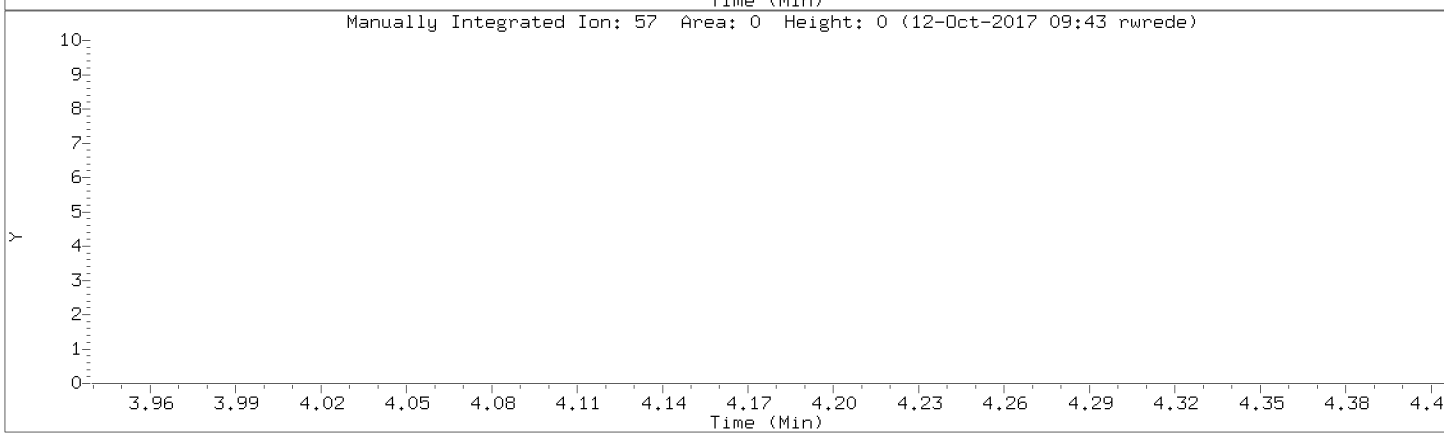






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a01.d
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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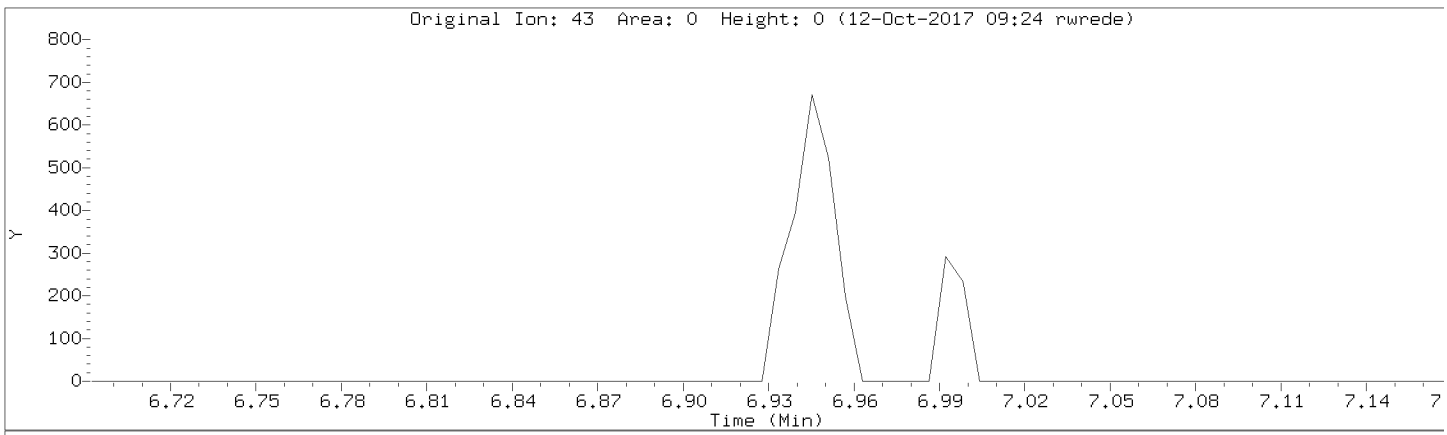
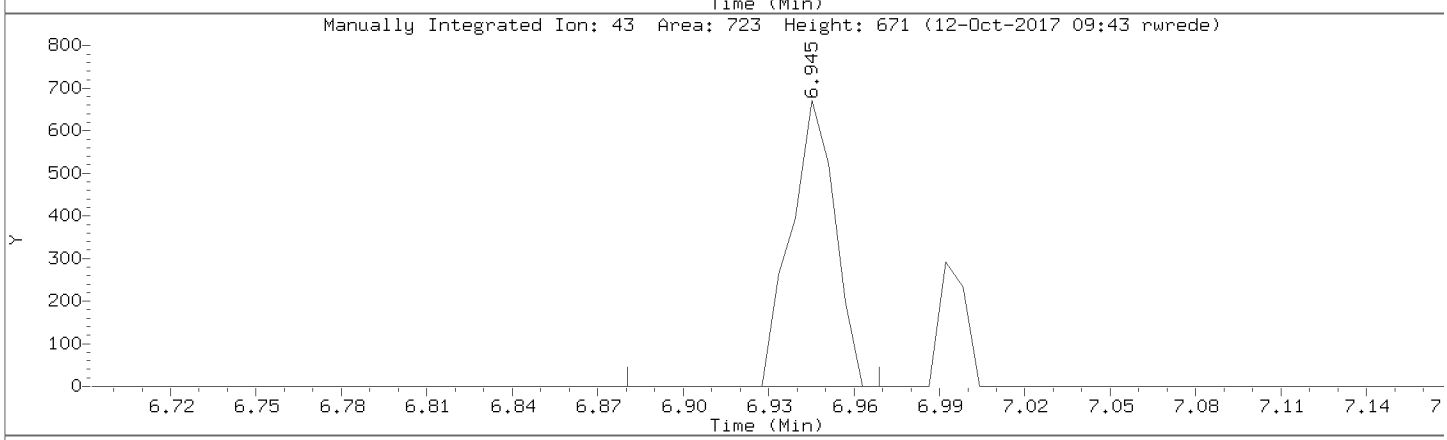
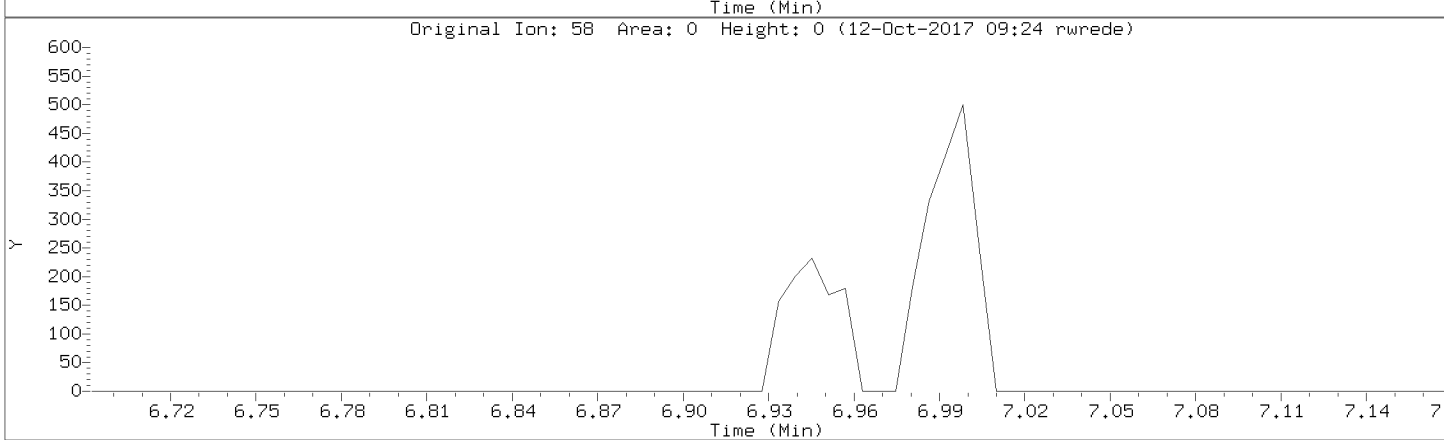
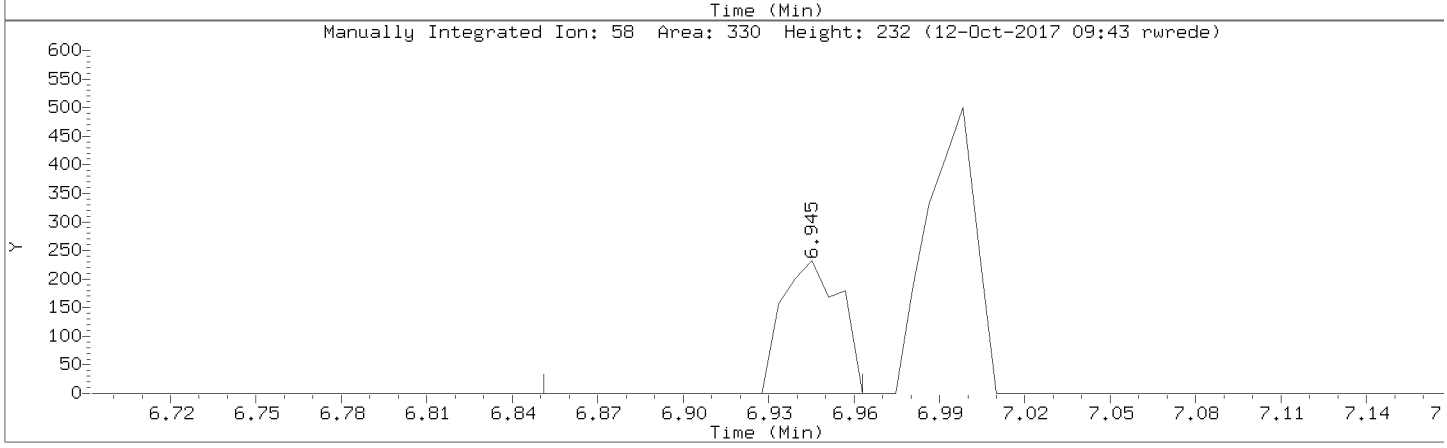
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 4-Methyl-2-Pentanone Review Code: NI
CAS Number: 108-10-1

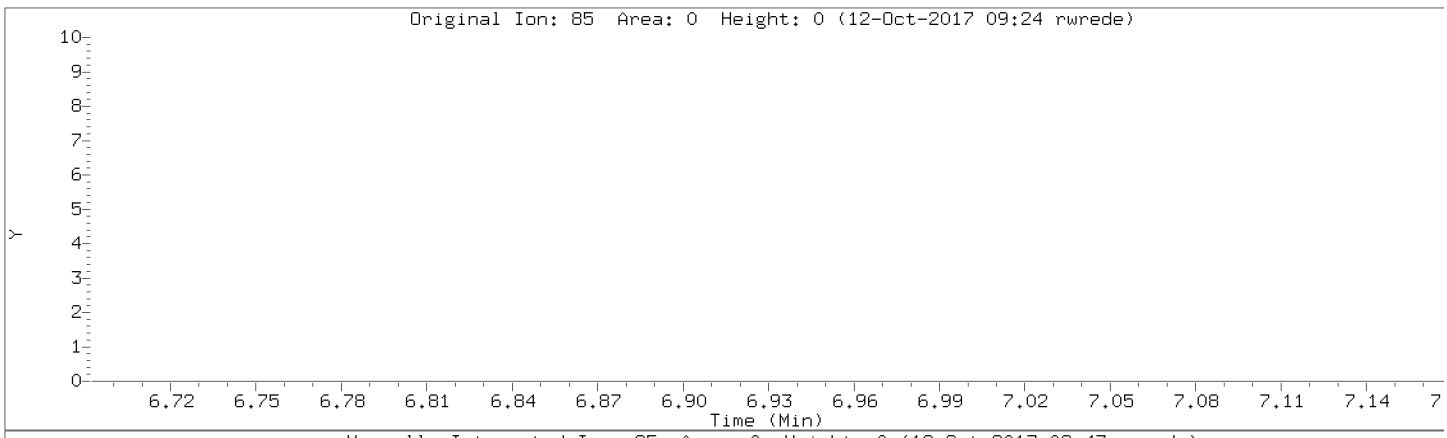


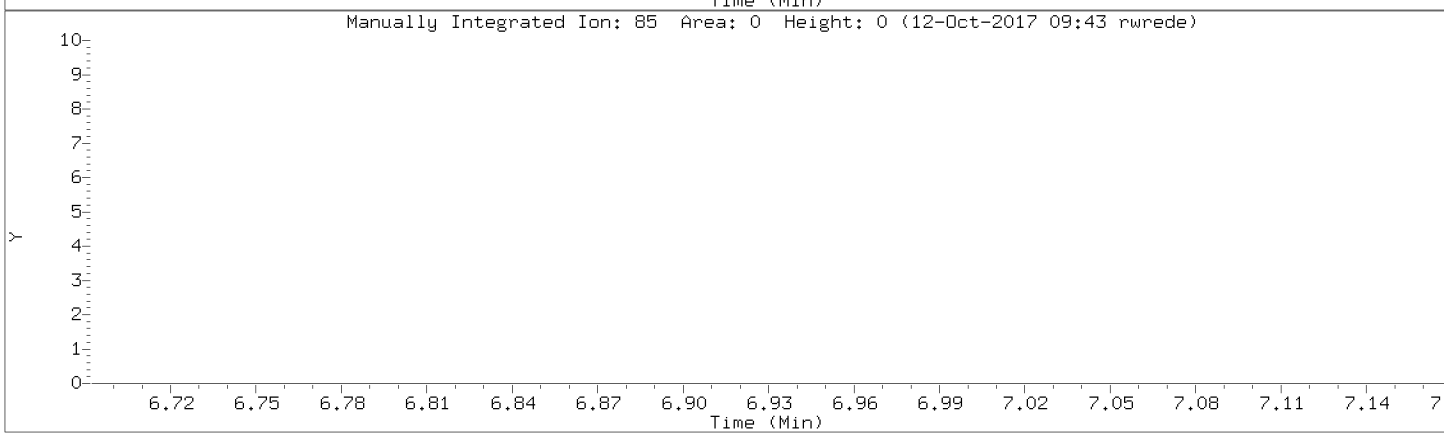






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a01.d
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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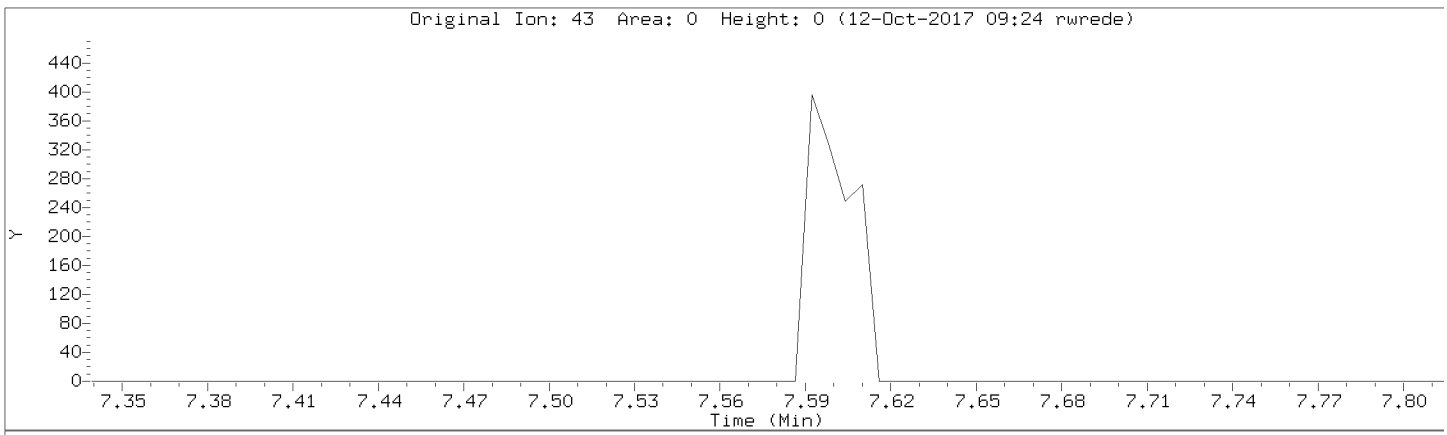
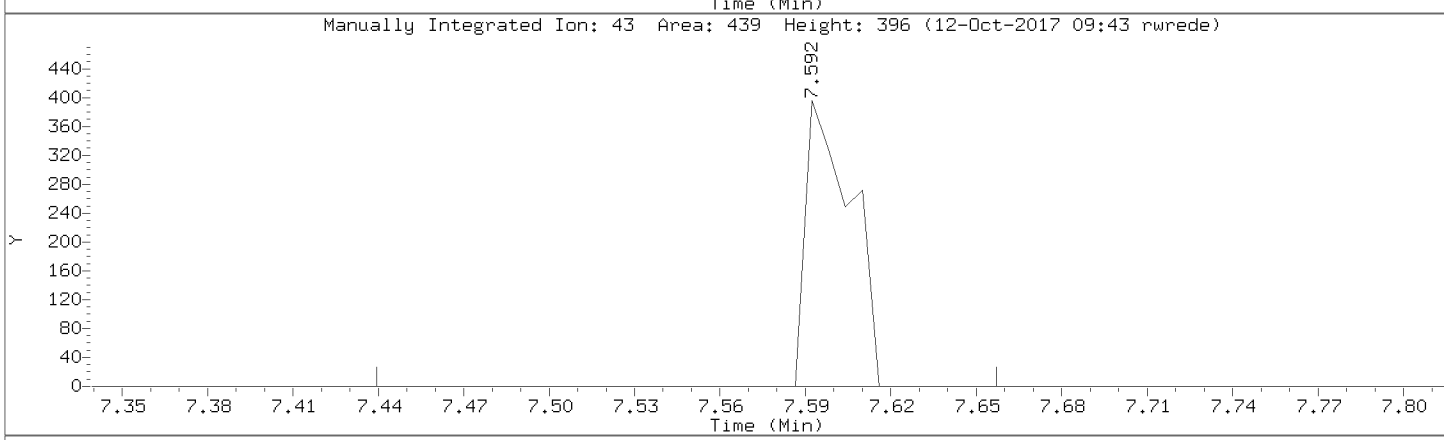
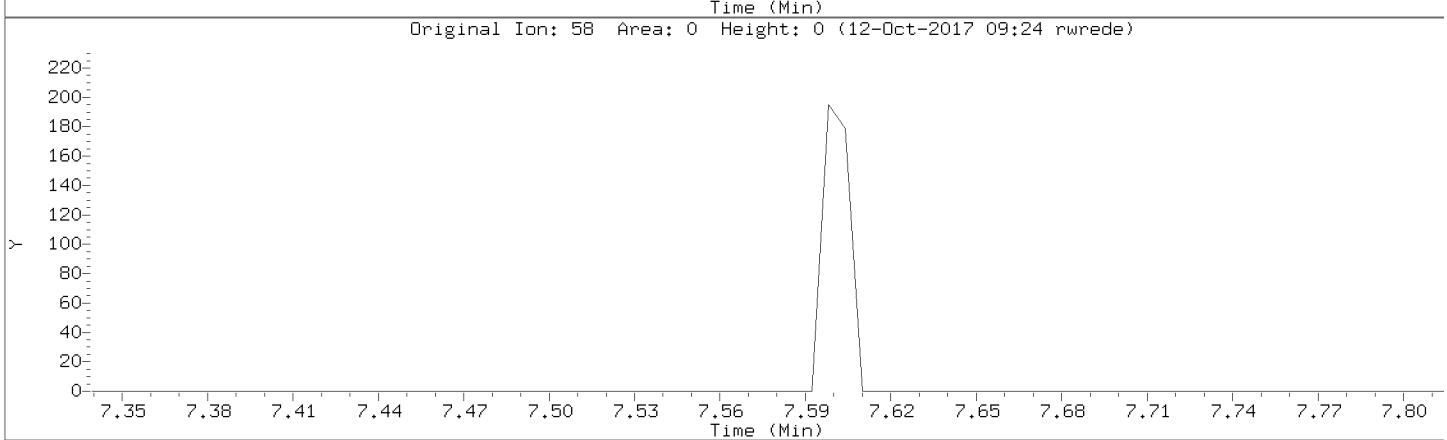
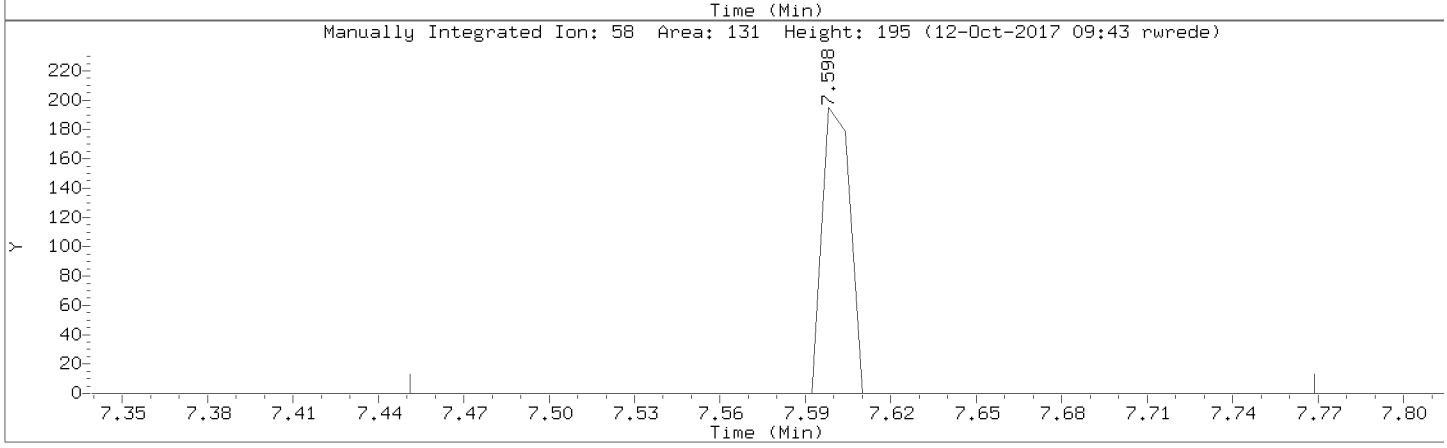
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 2-Hexanone Review Code: NI
CAS Number: 591-78-6









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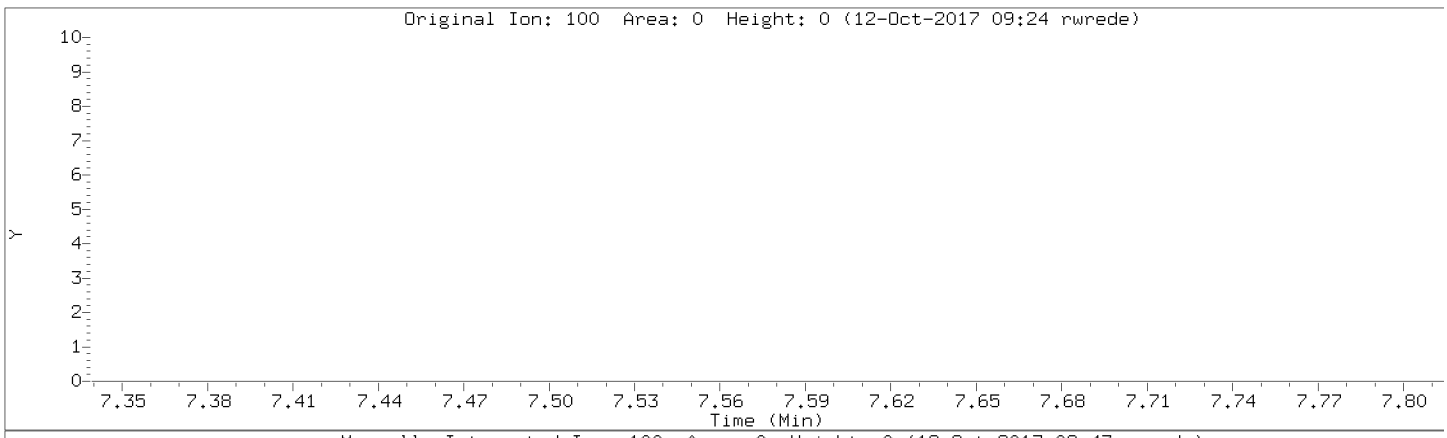
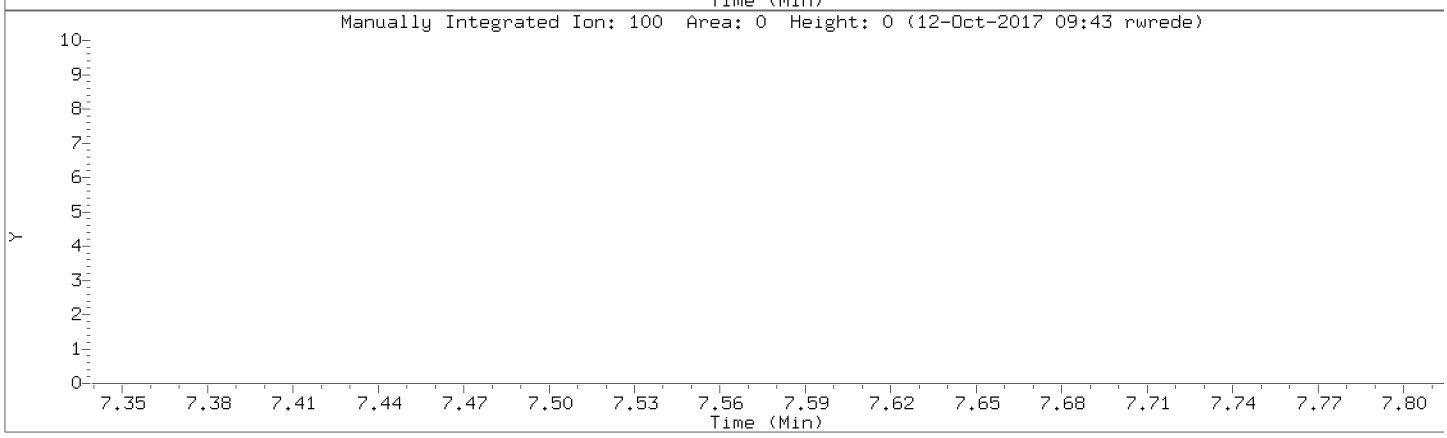
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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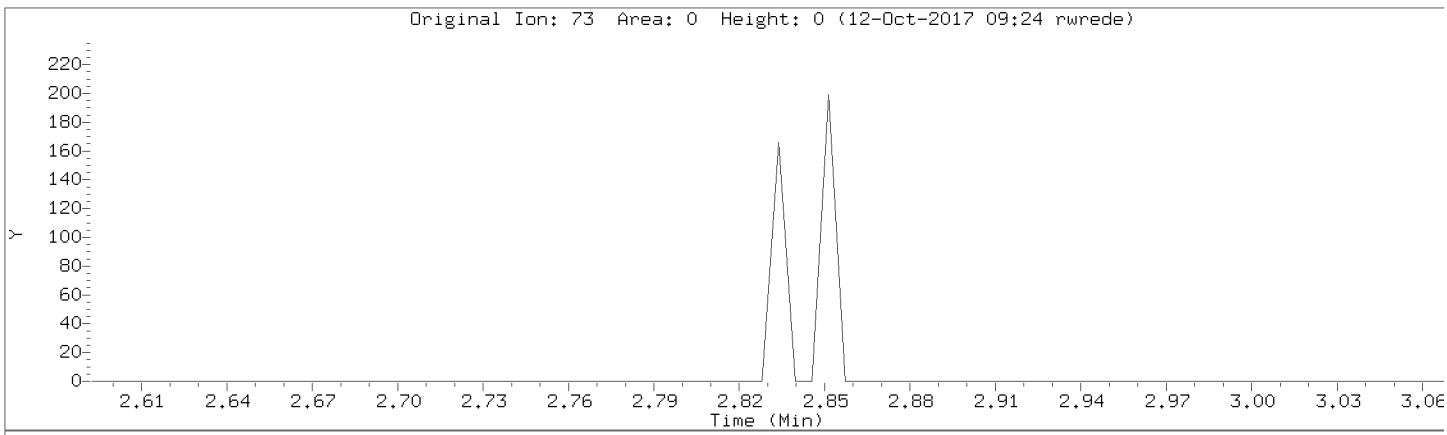
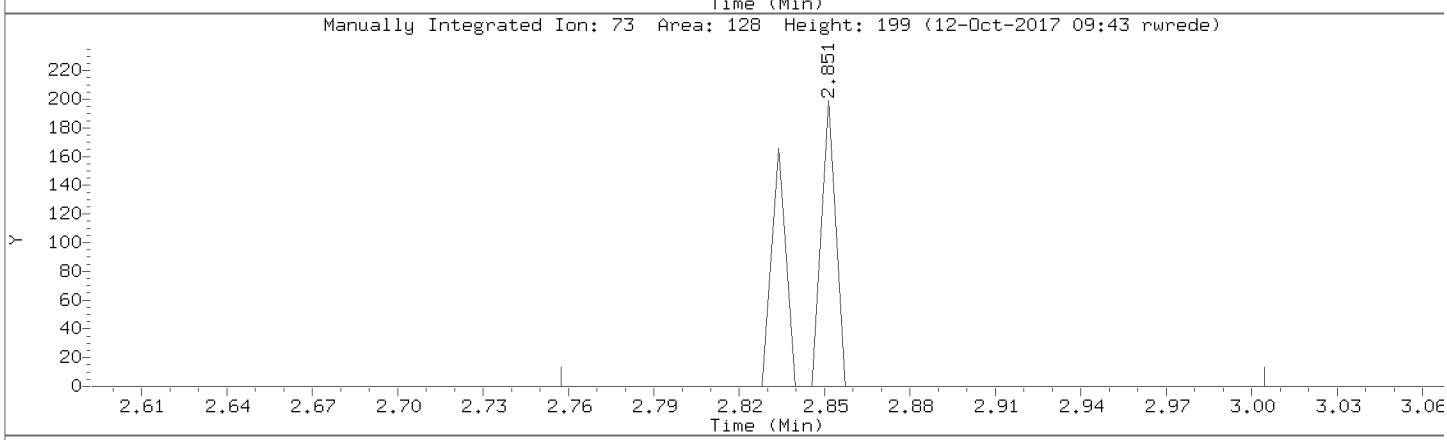
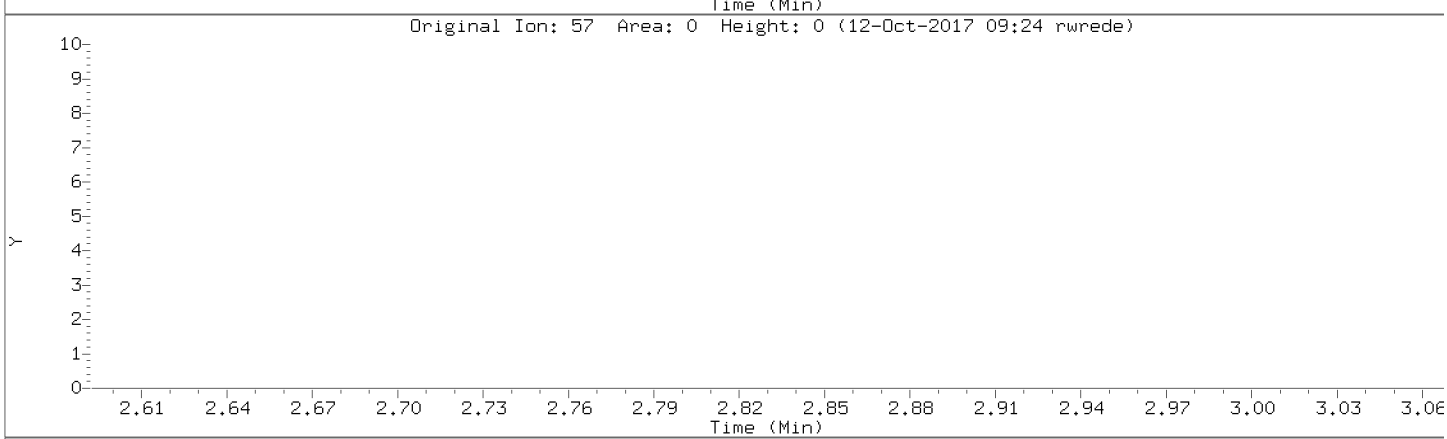
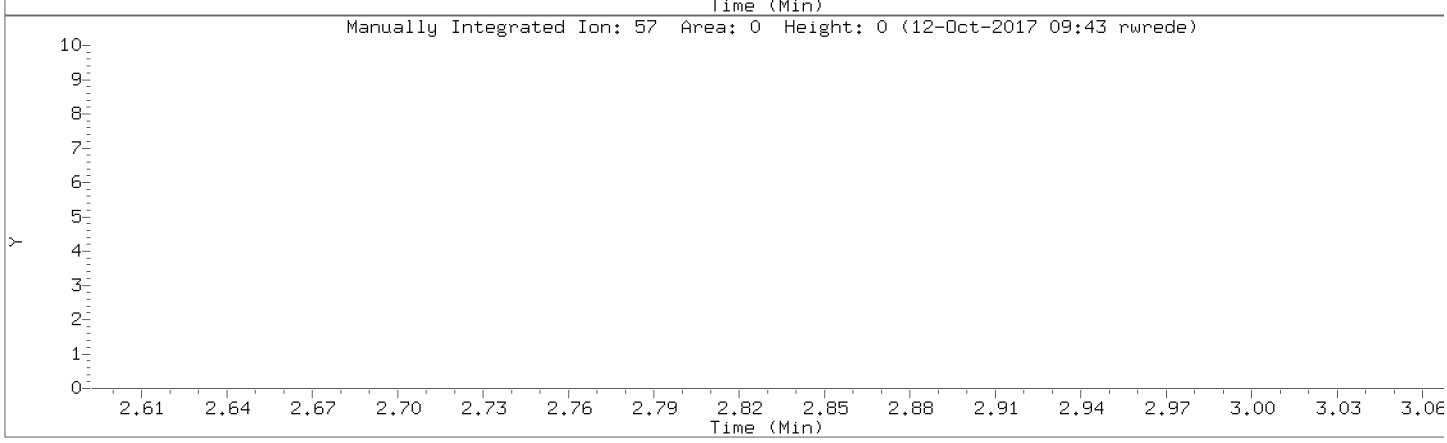
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Methyl-tert-butyl ether Review Code: NI
CAS Number: 1634-04-4









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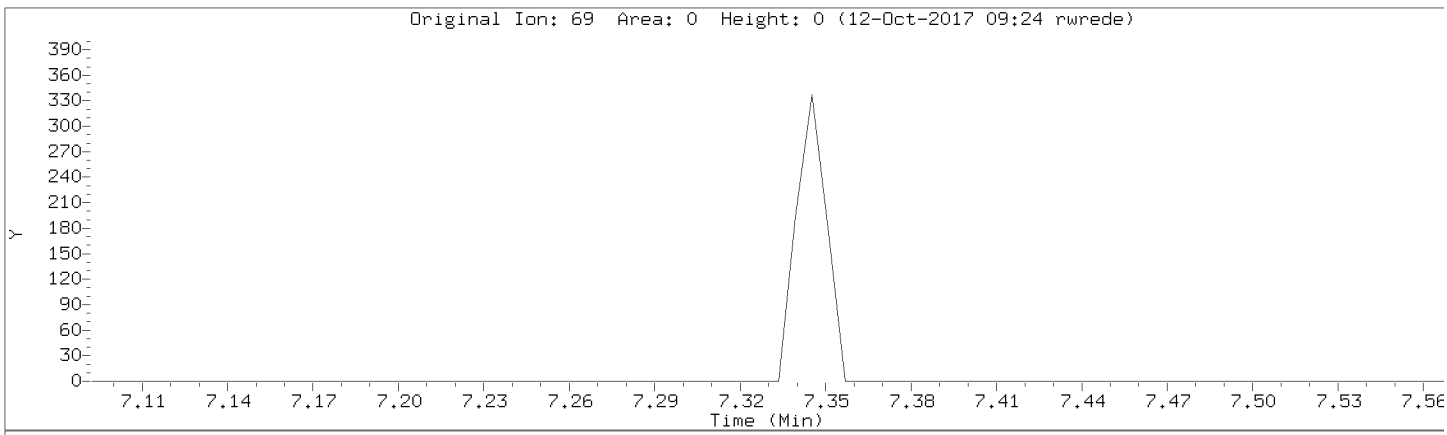
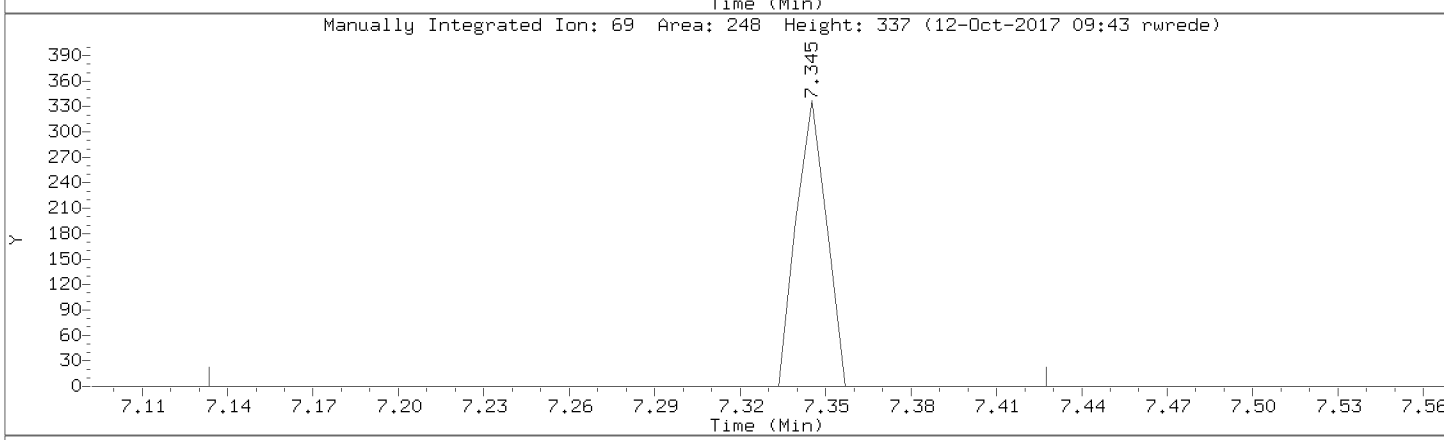
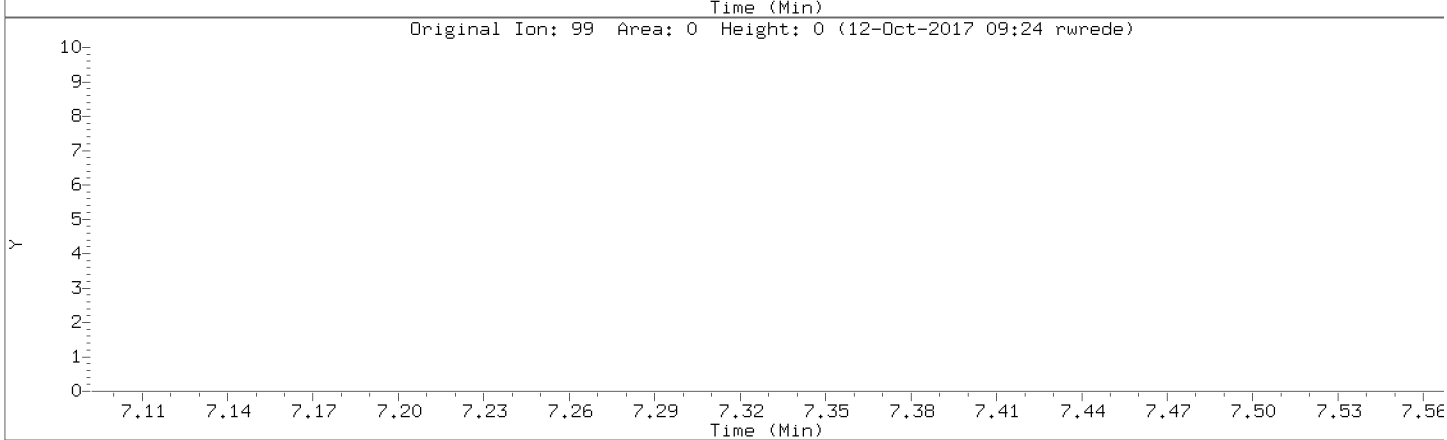
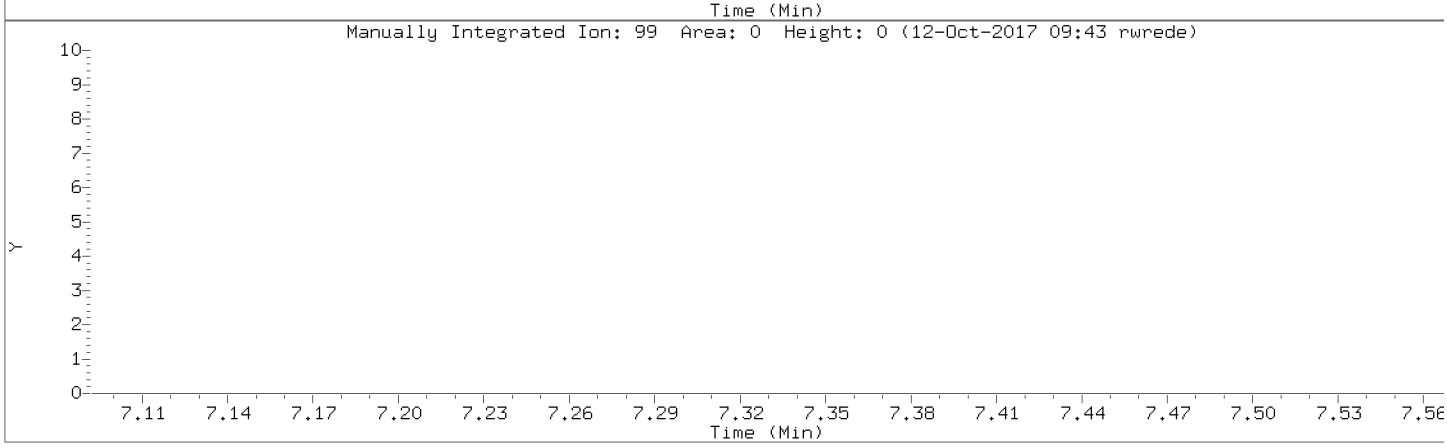
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:









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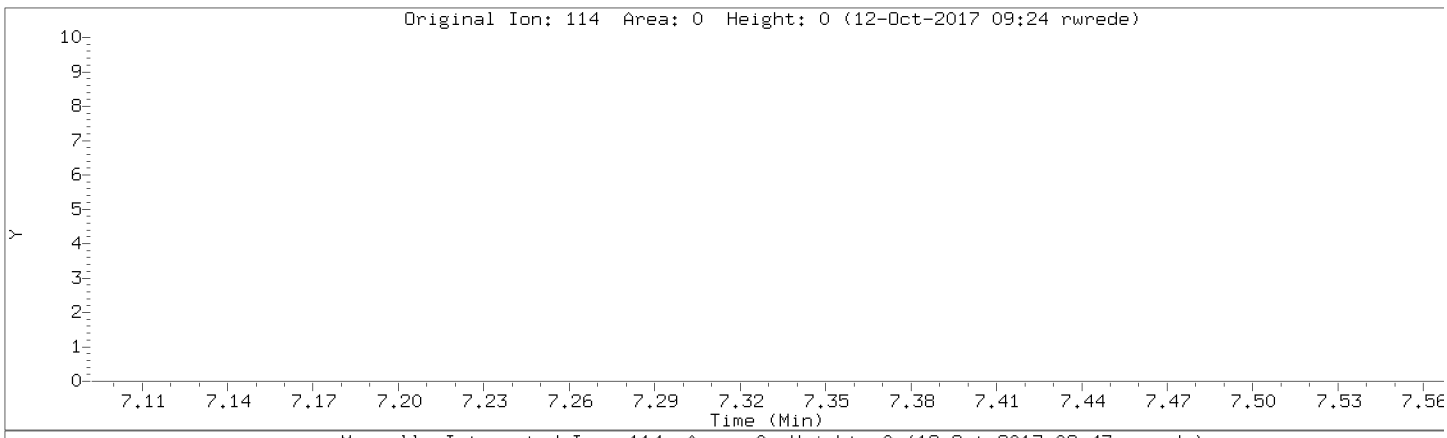
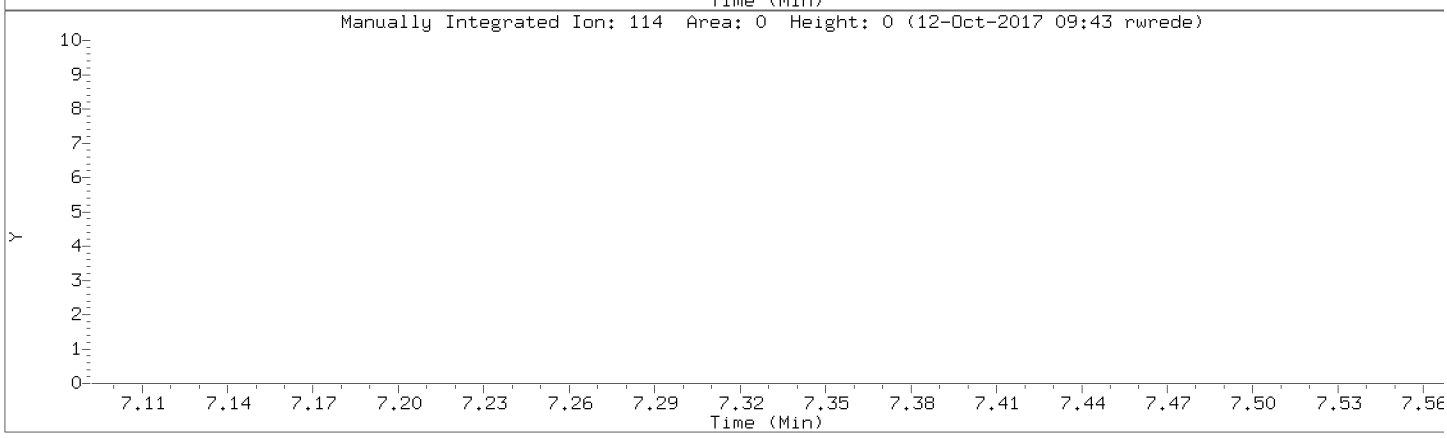
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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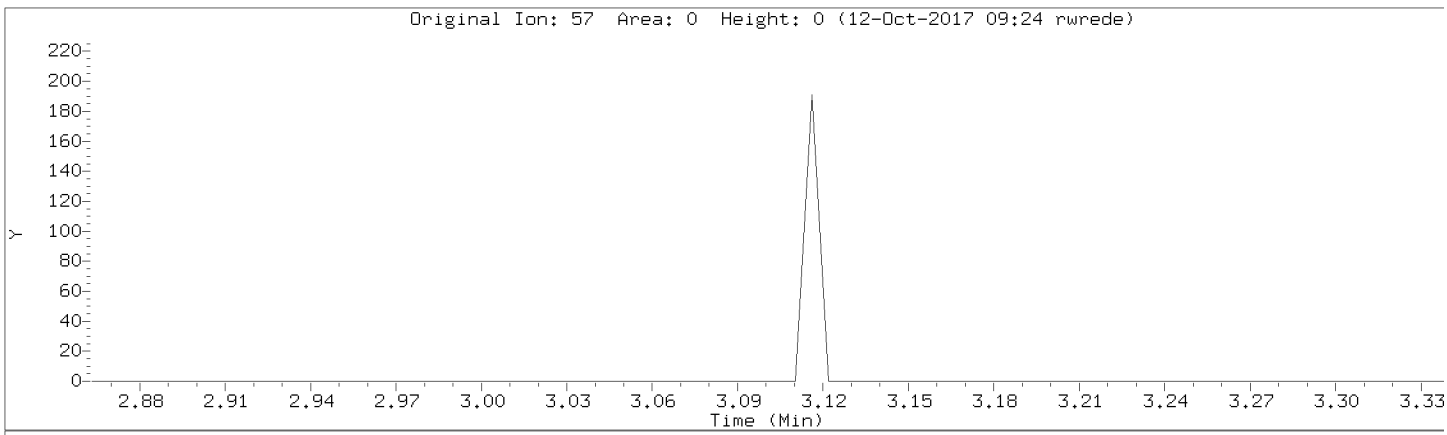
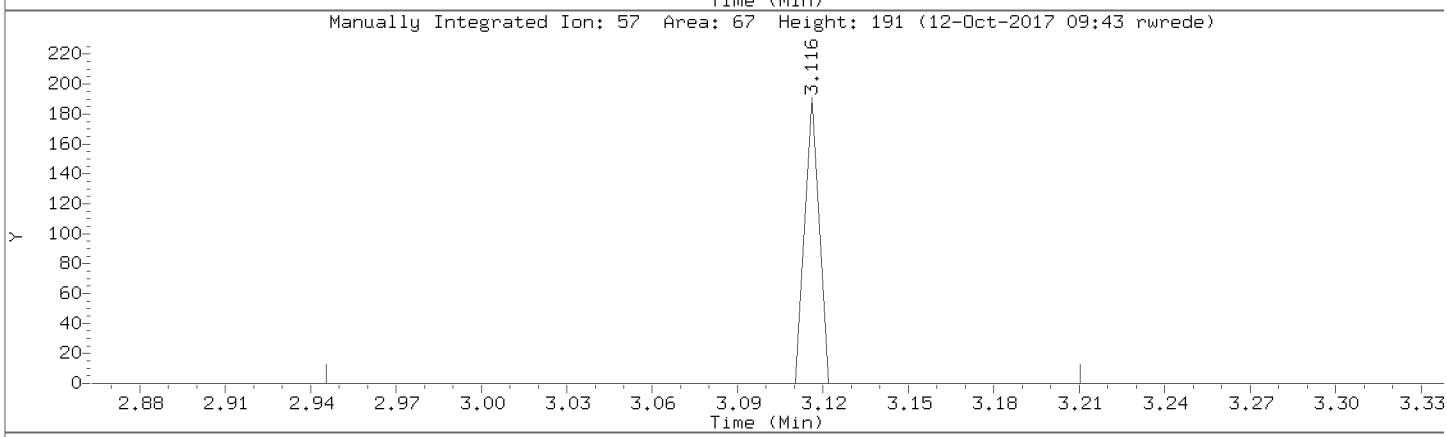
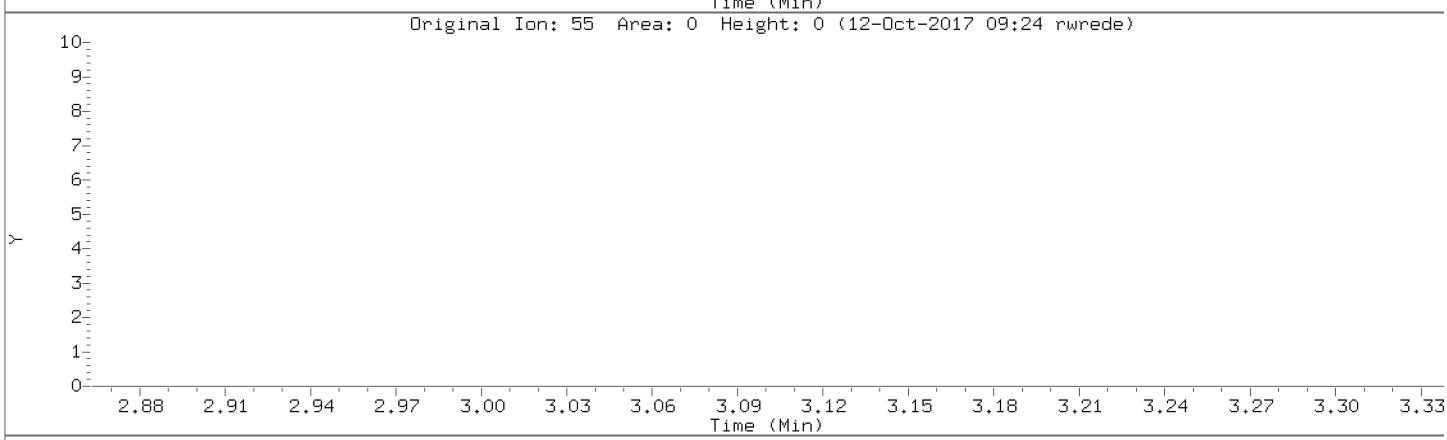
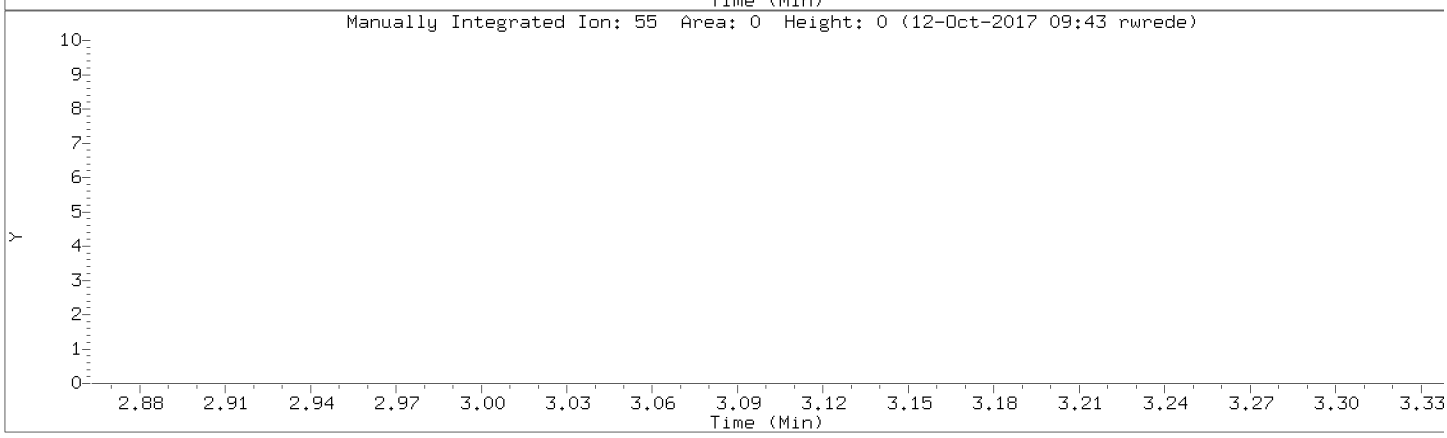
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: n-Hexane Review Code: NI
CAS Number:









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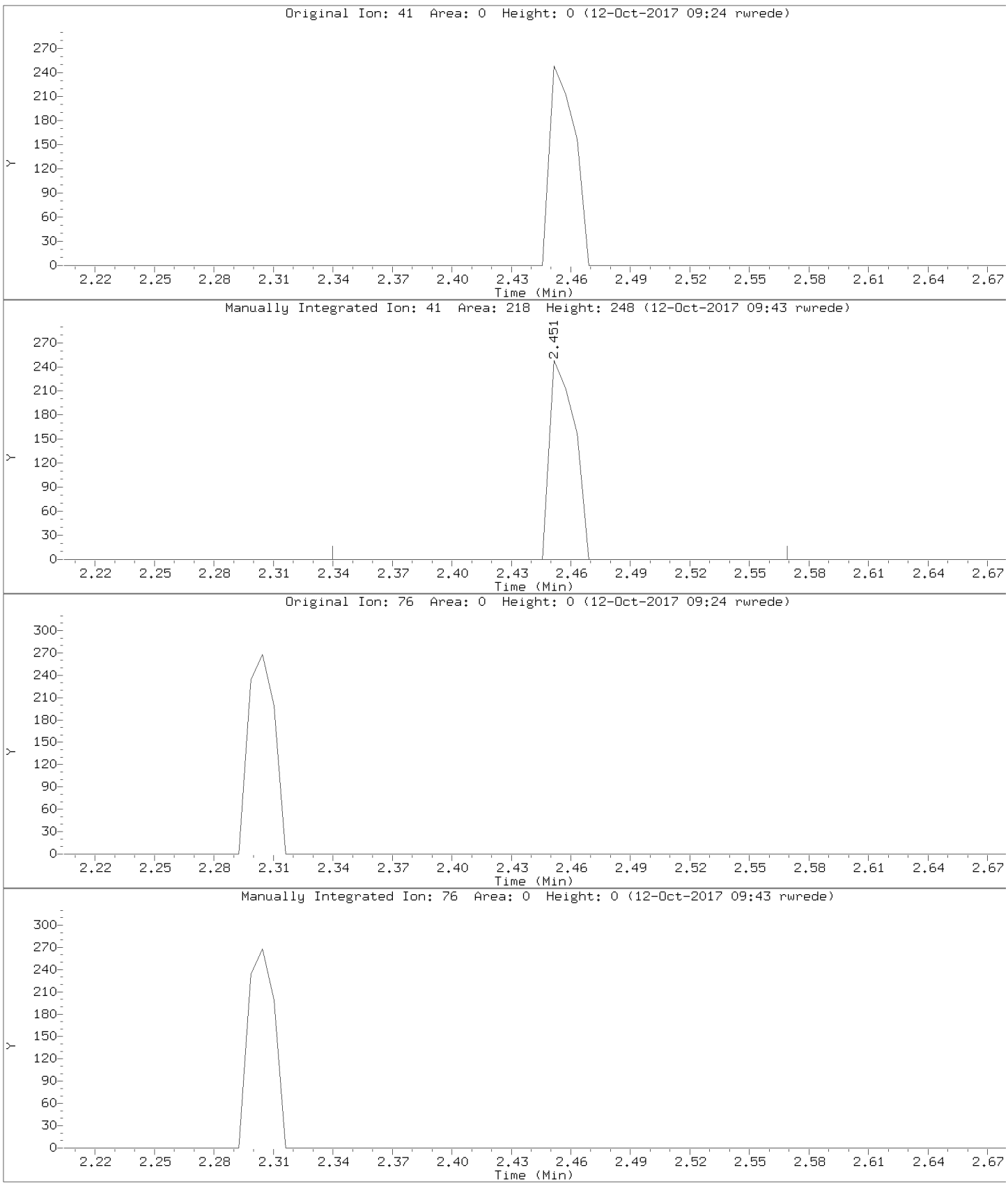
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: allyl chloride Review Code: NI
CAS Number: 107-05-1



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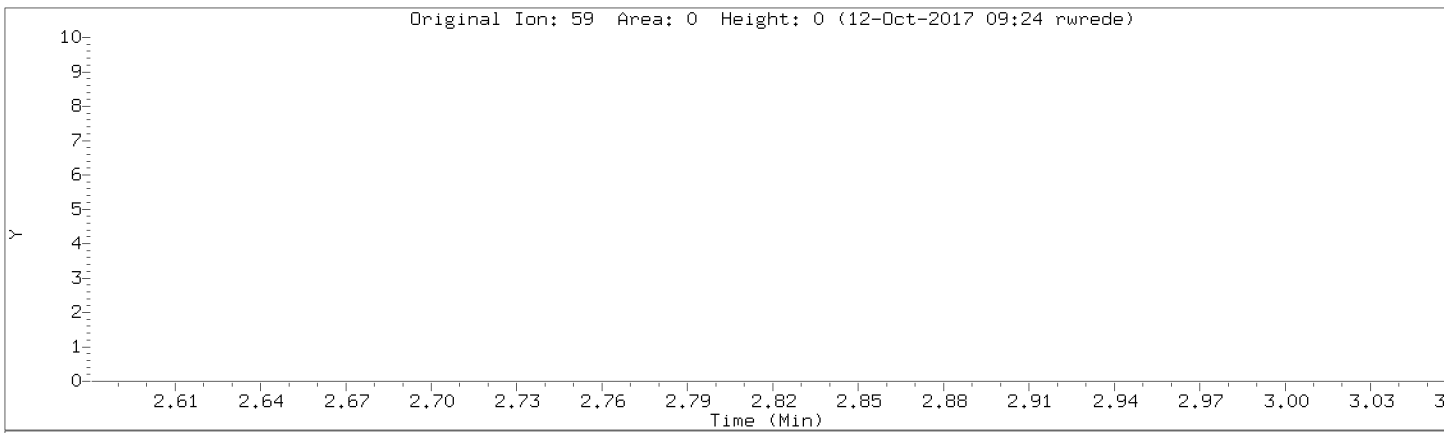
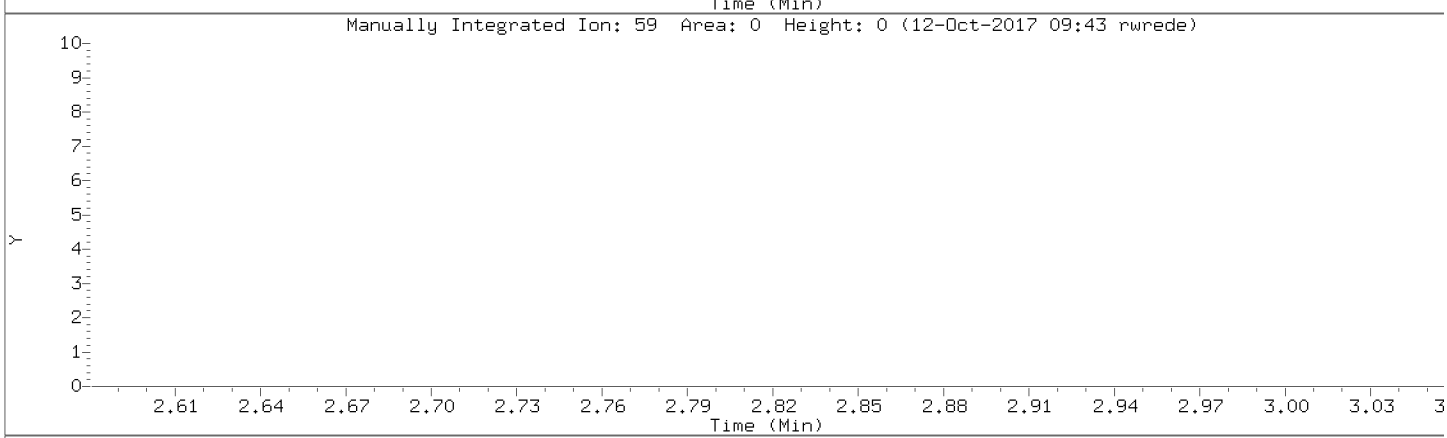
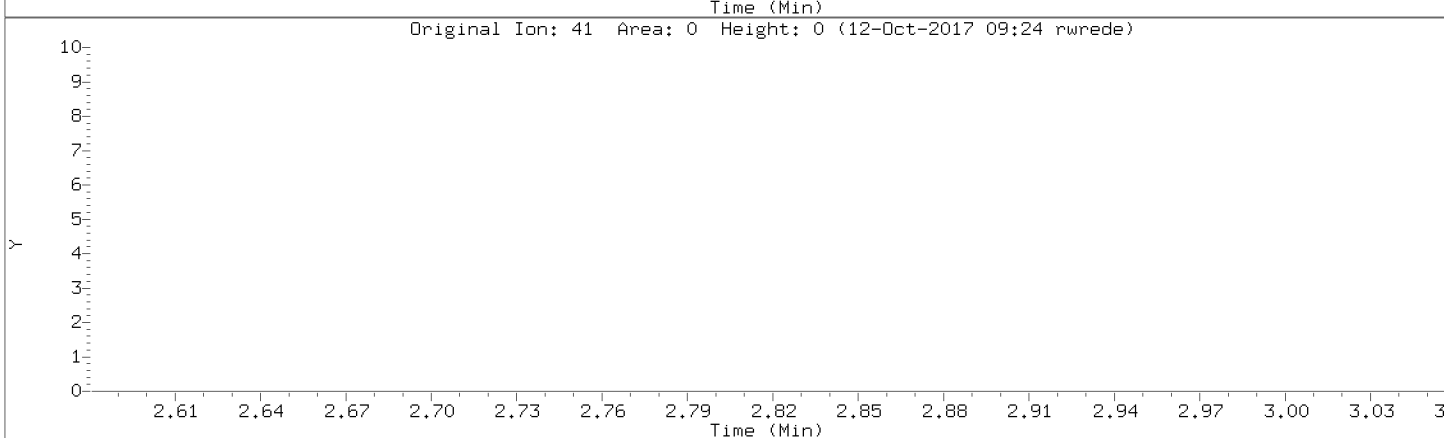
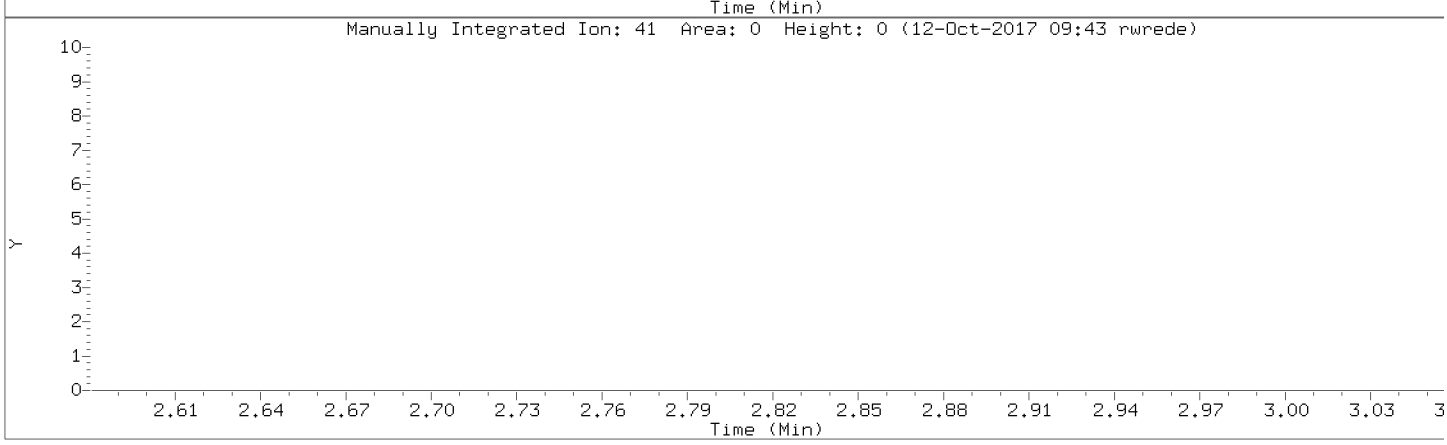
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: tert-Butyl Alcohol Review Code:
CAS Number: 75-65-0









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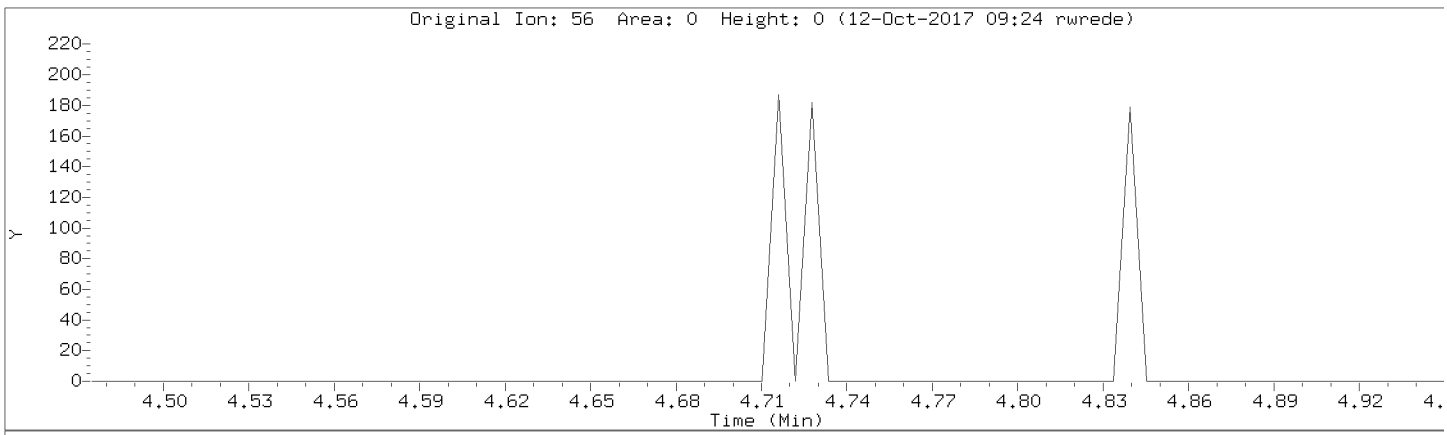
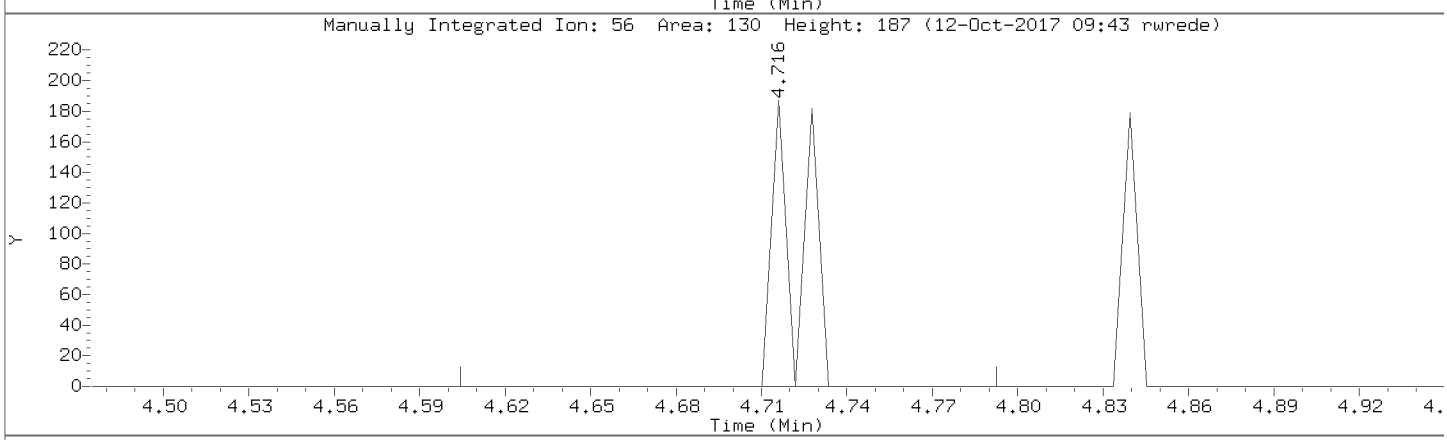
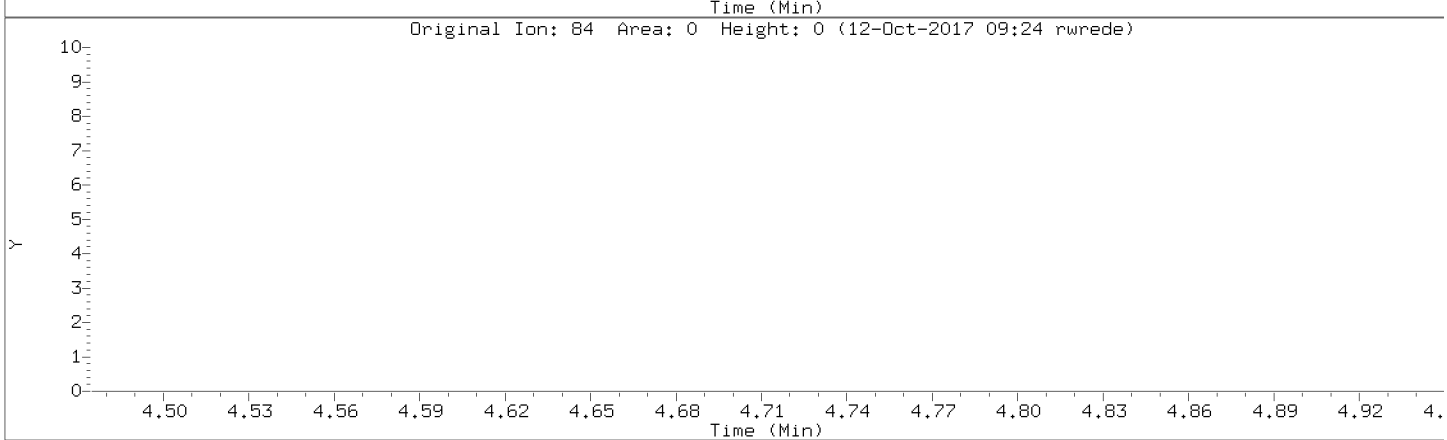
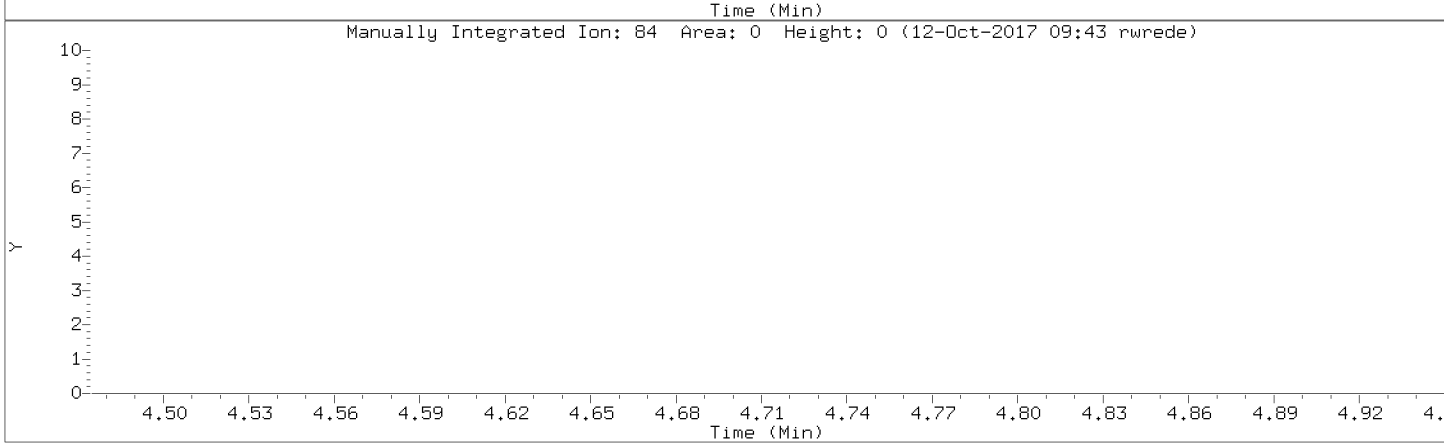
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Cyclohexane Review Code: NI
CAS Number: 110-82-7









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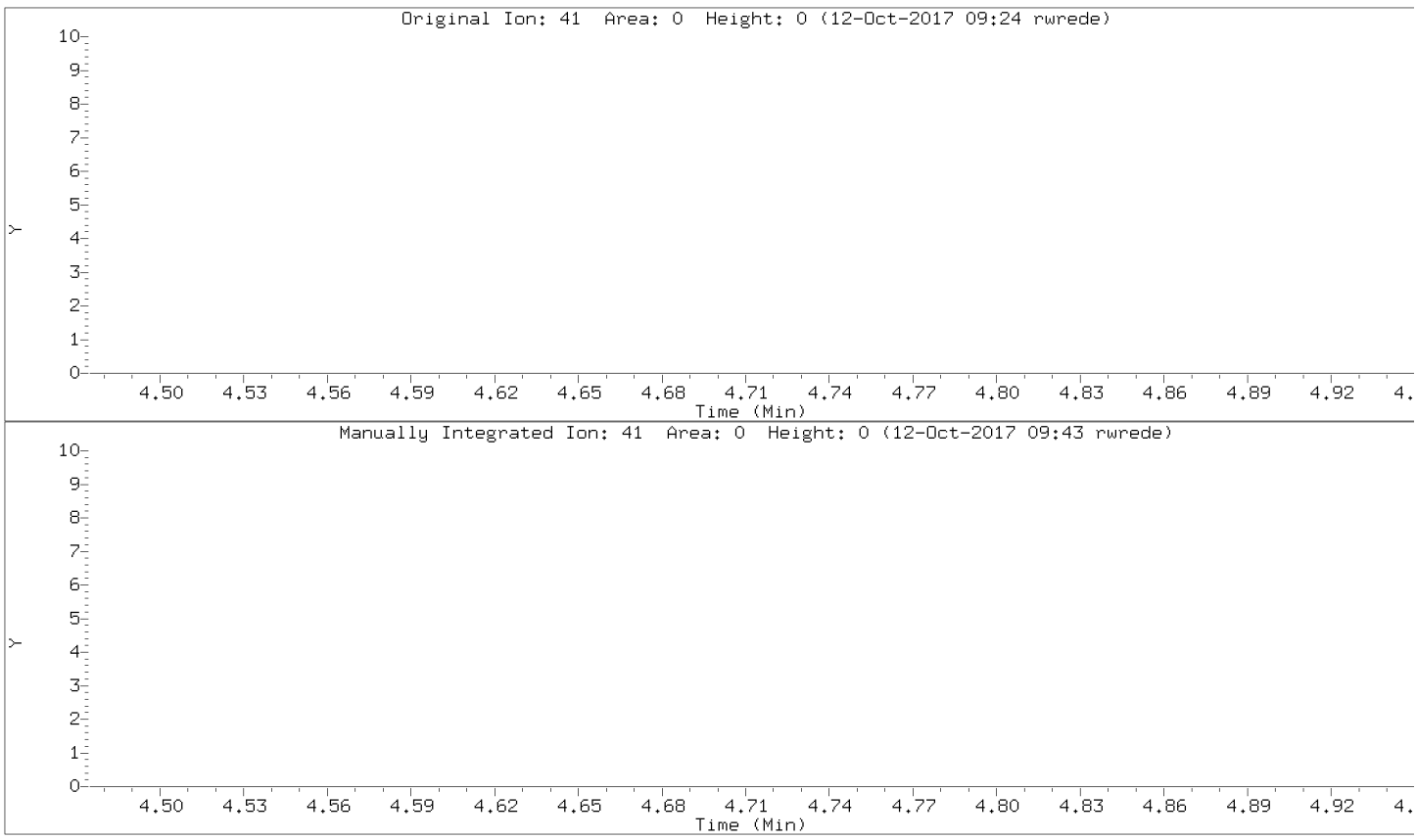
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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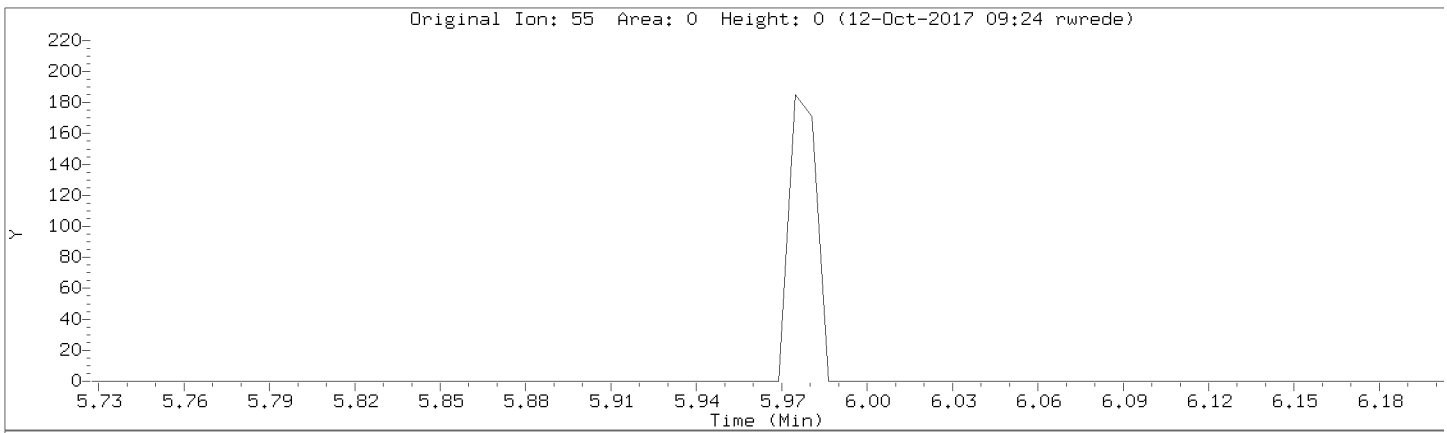
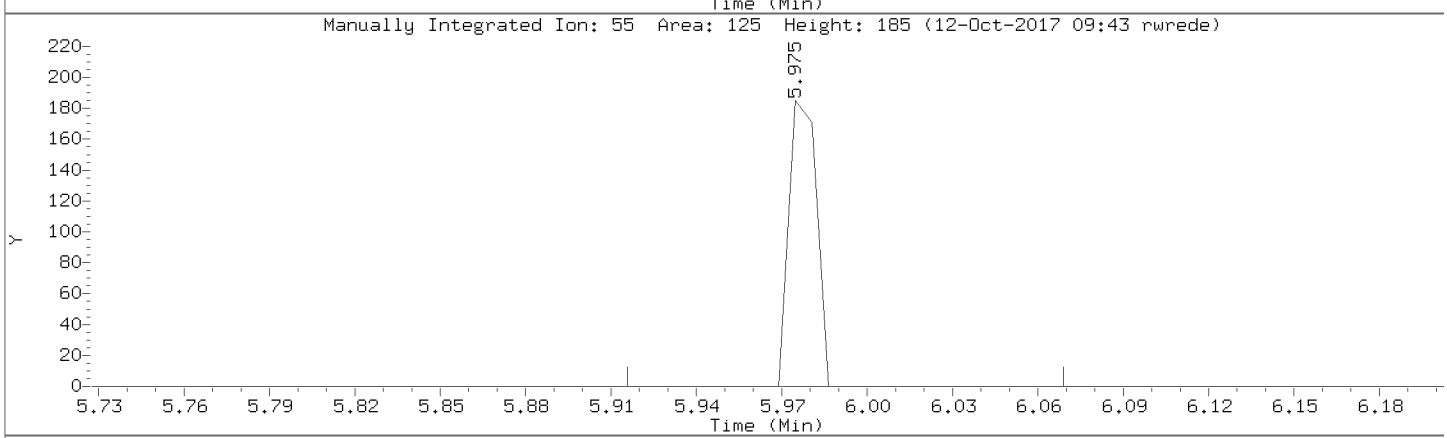
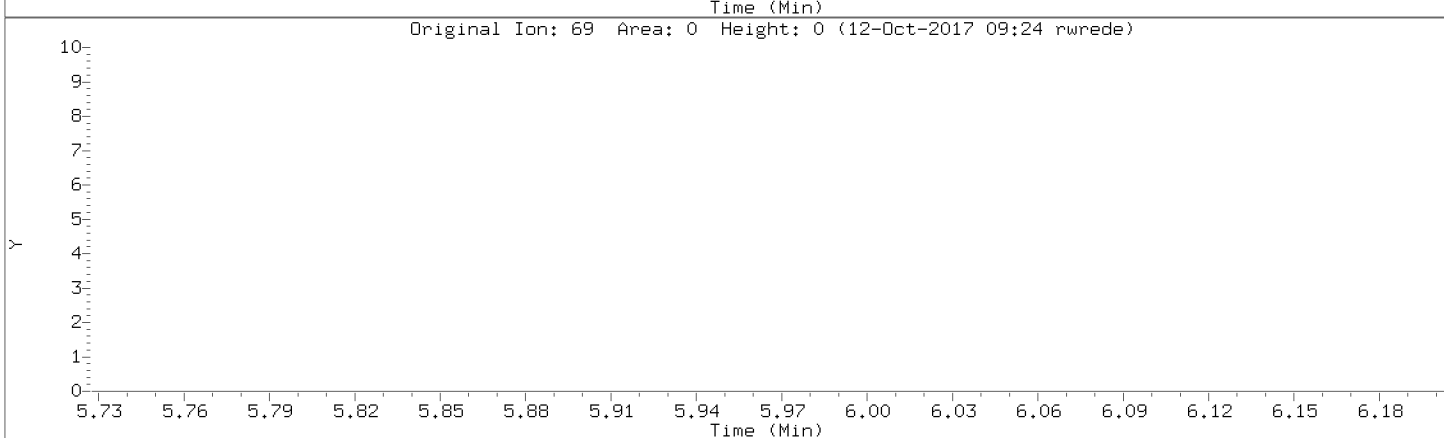
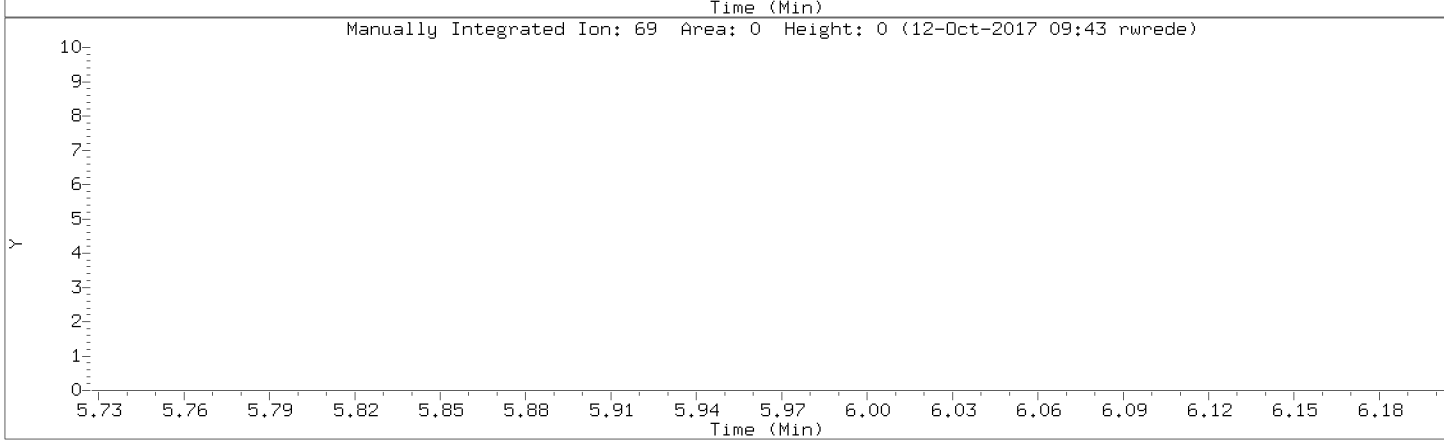
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Methylcyclohexane Review Code: NI
CAS Number: 108-87-2









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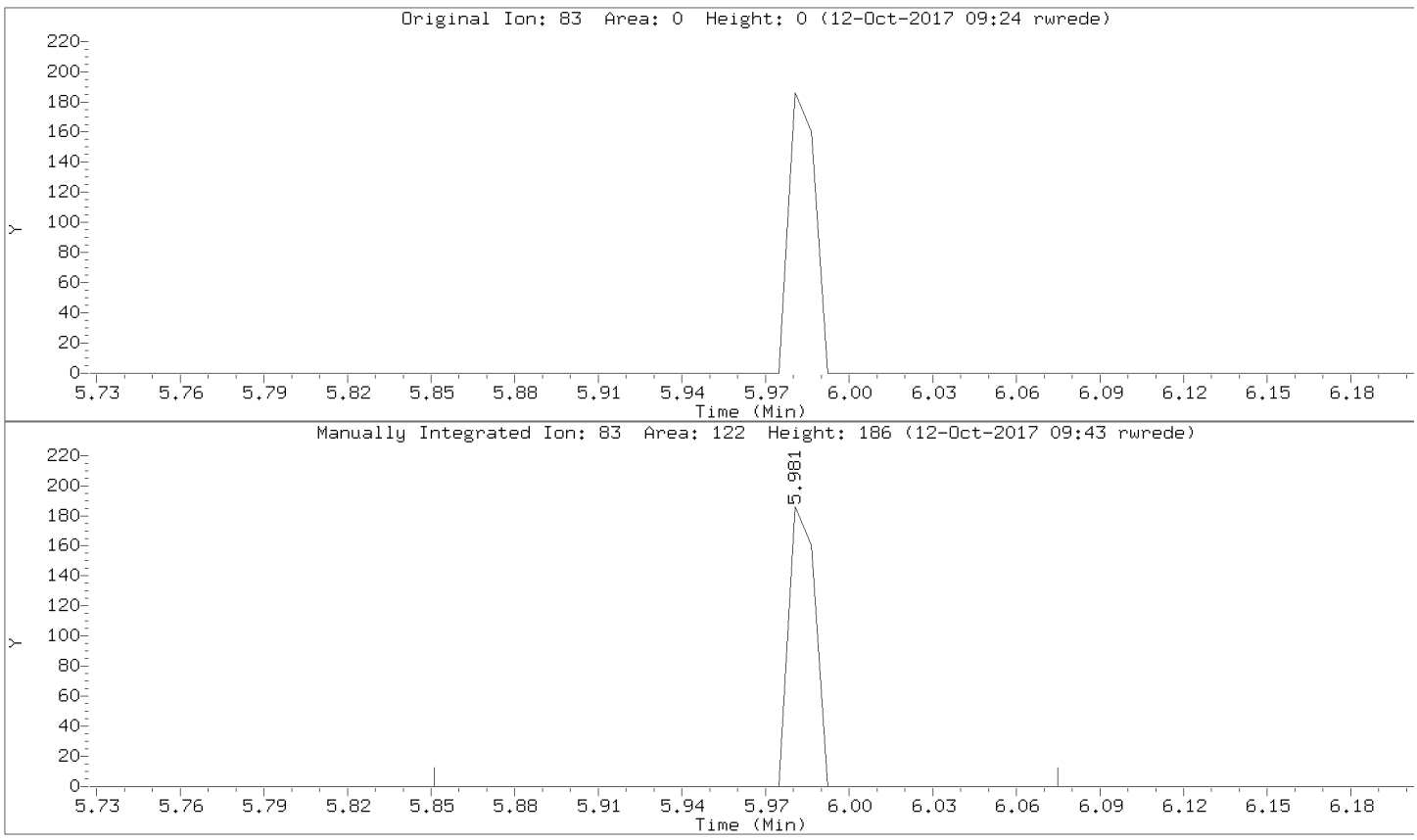
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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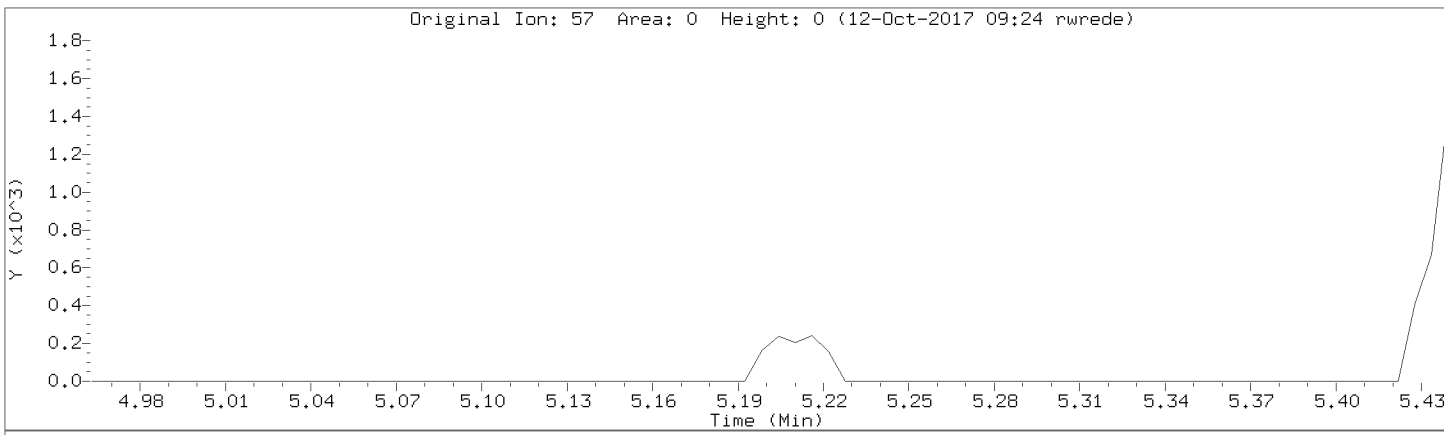
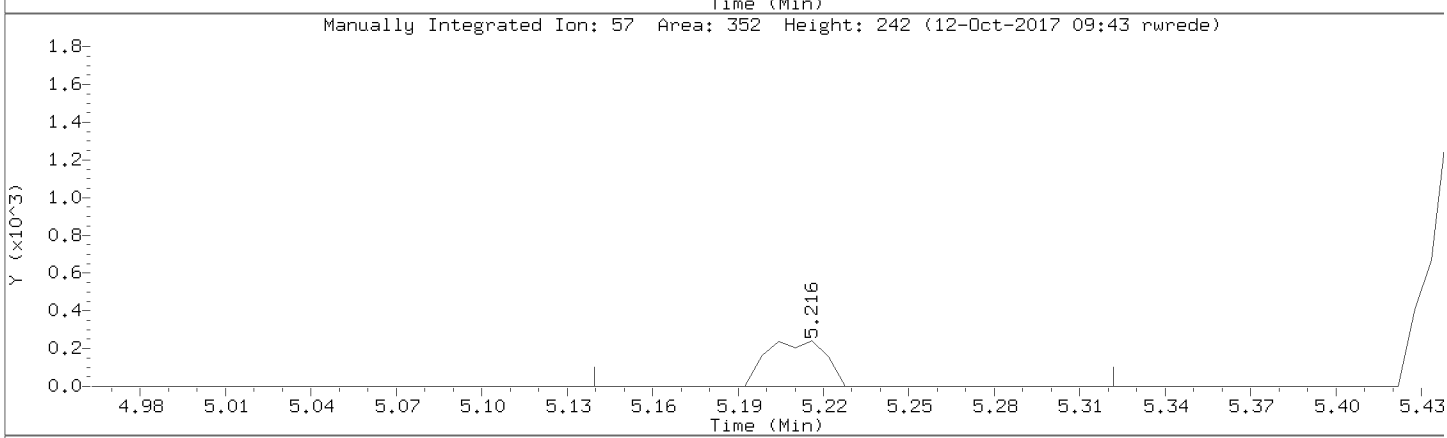
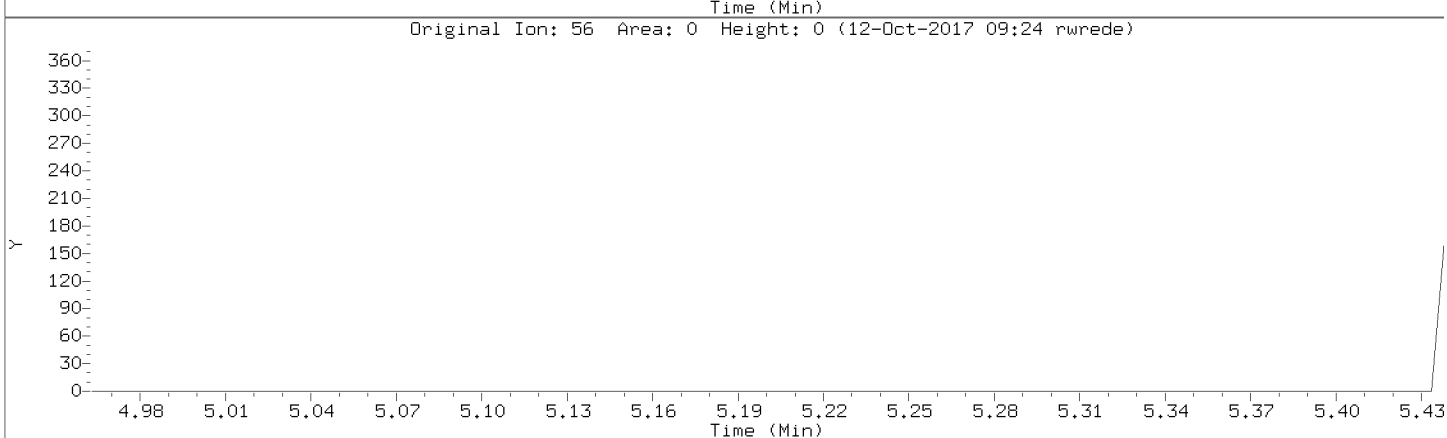
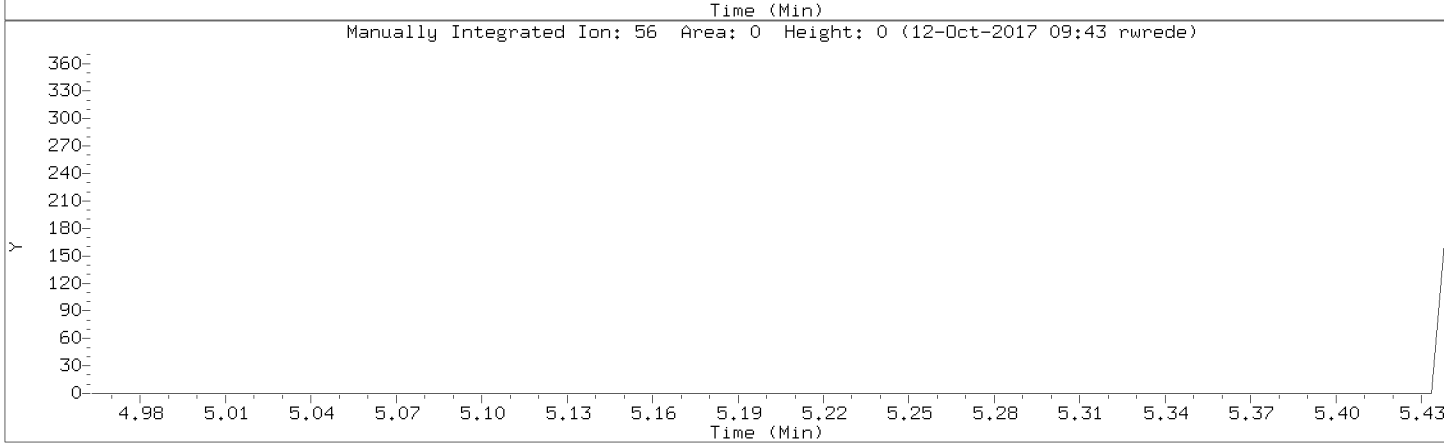
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: 2,2,4-Trimethylpentane Review Code: NI
CAS Number: 540-84-1









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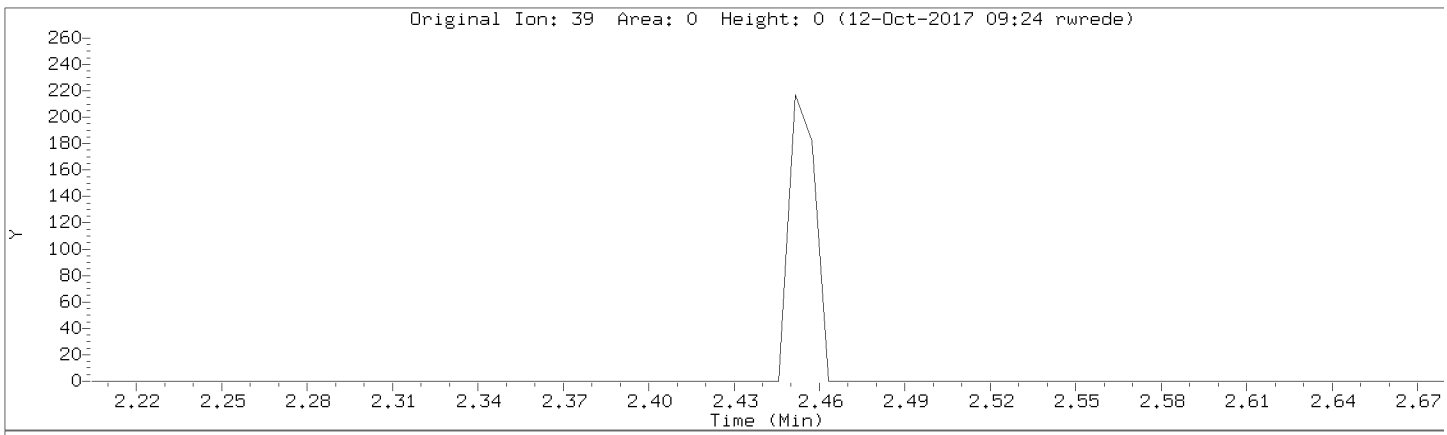
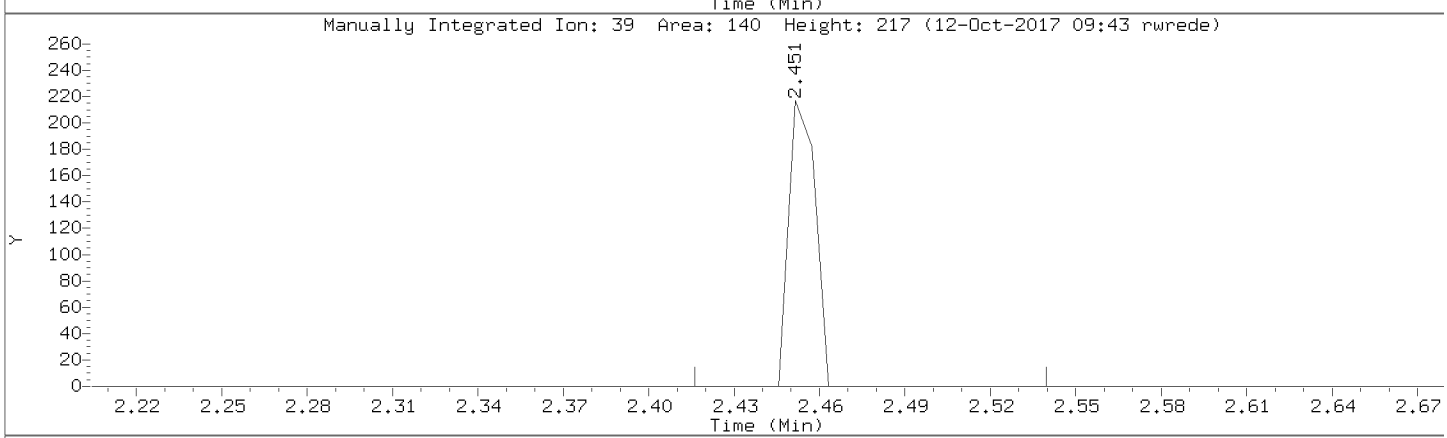
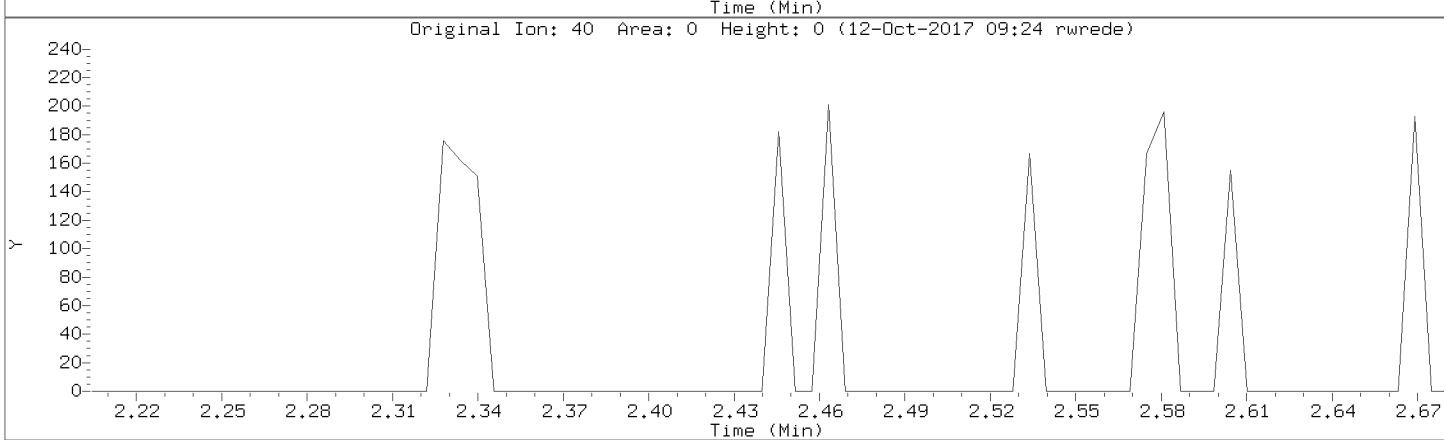
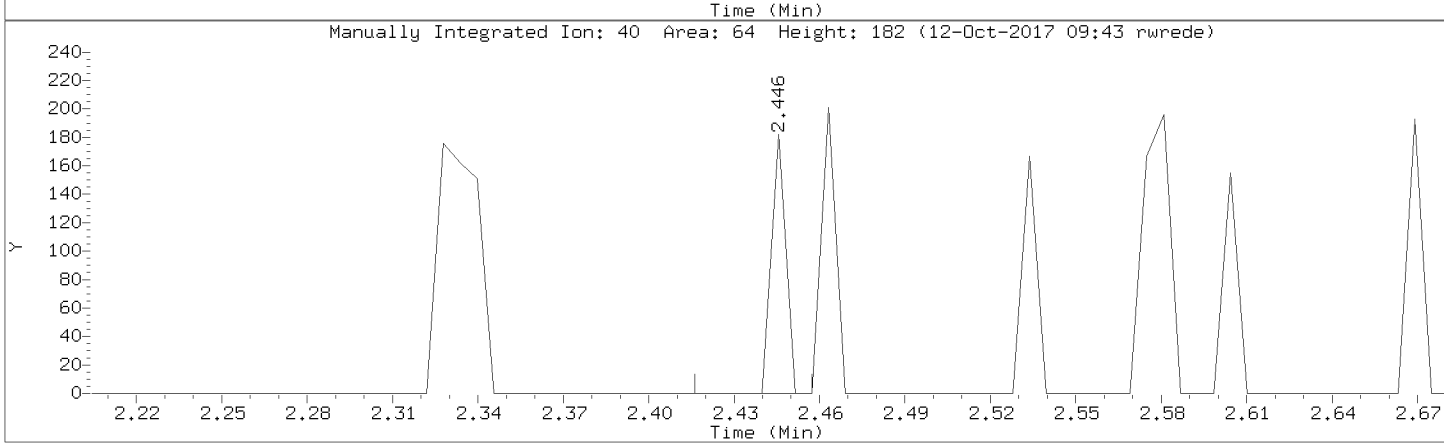
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: Acetonitrile Review Code: NI
CAS Number: 75-05-8









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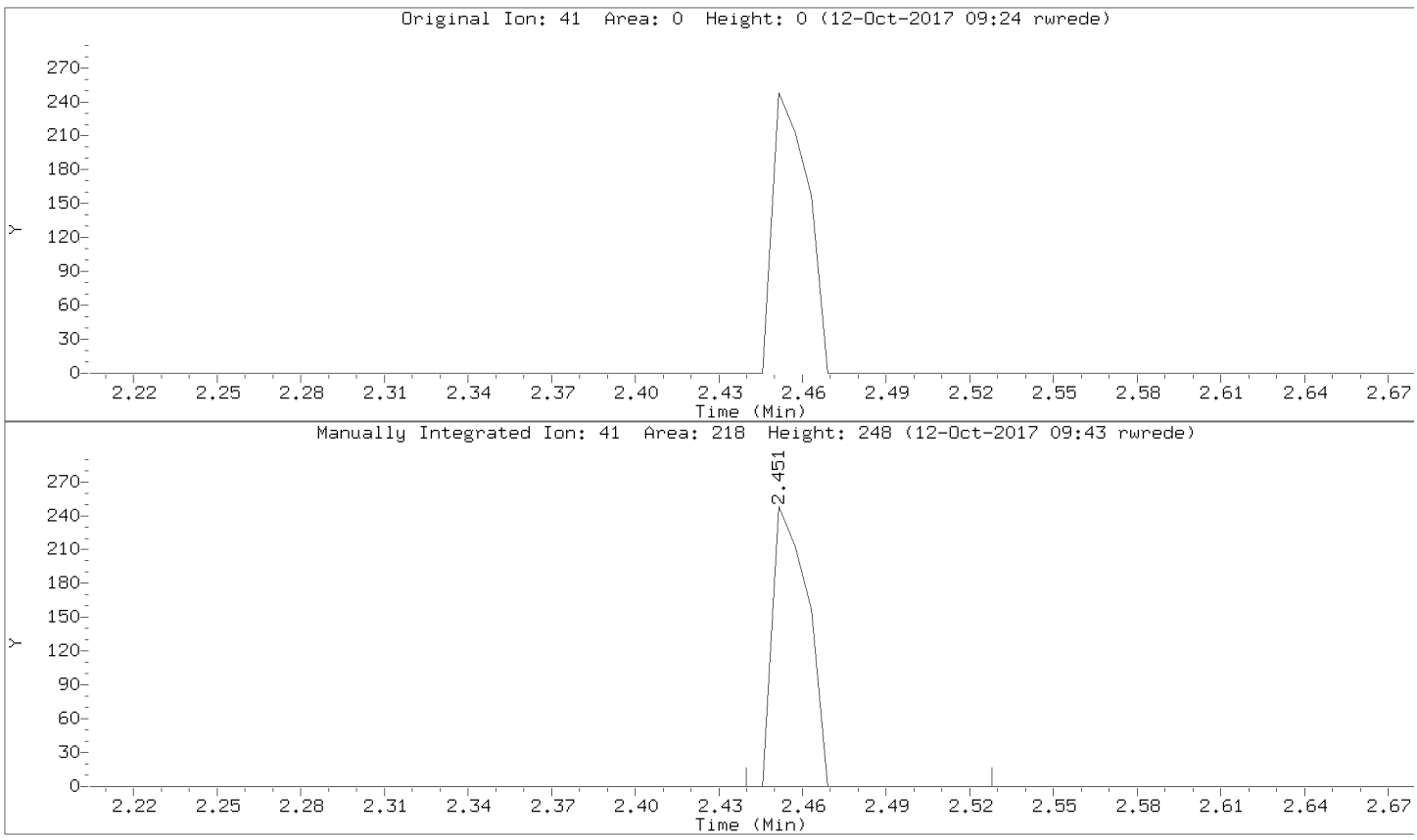
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1



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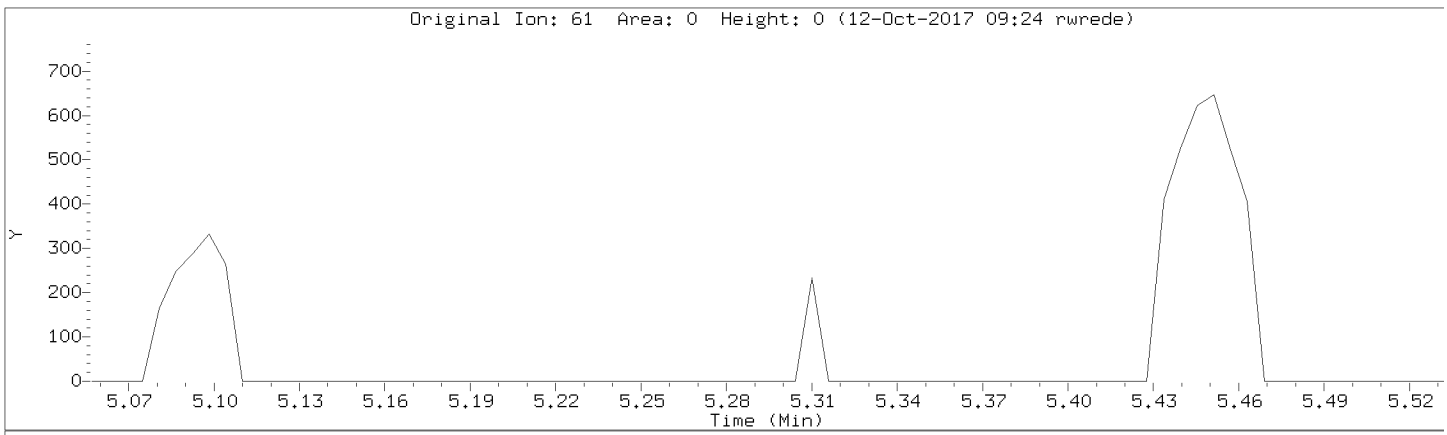
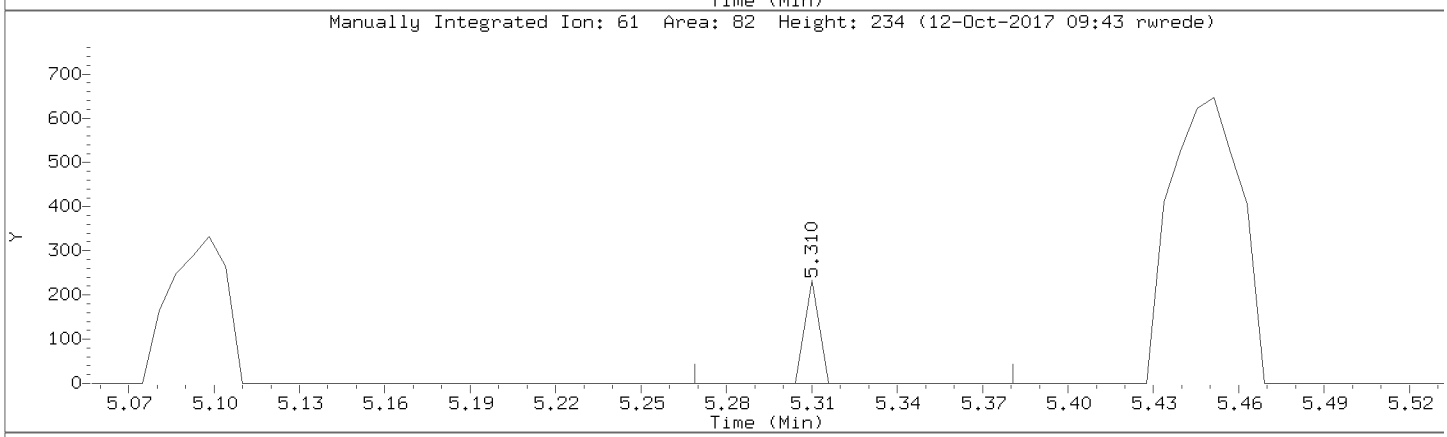
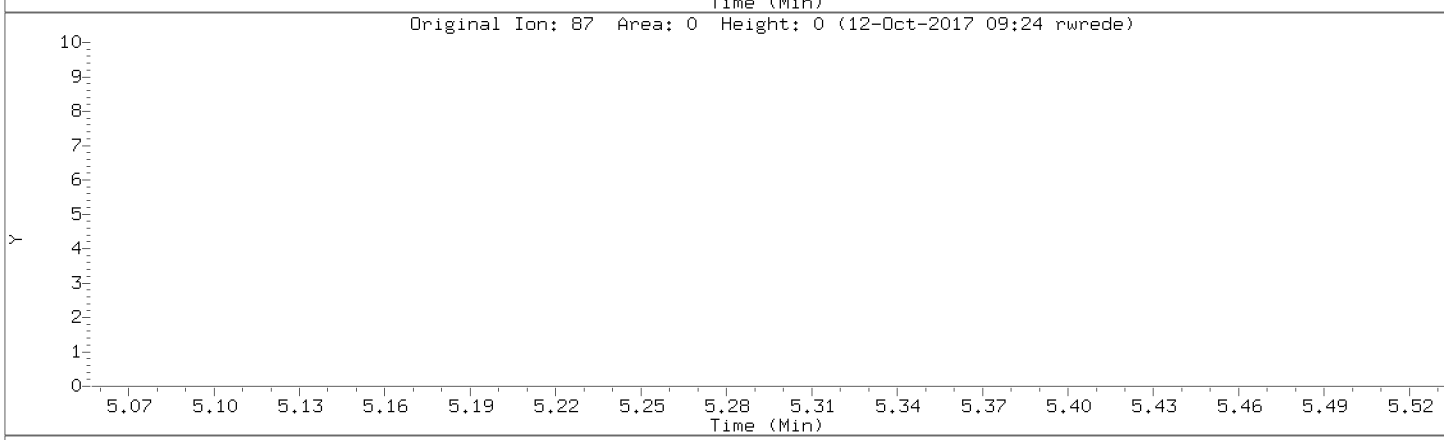
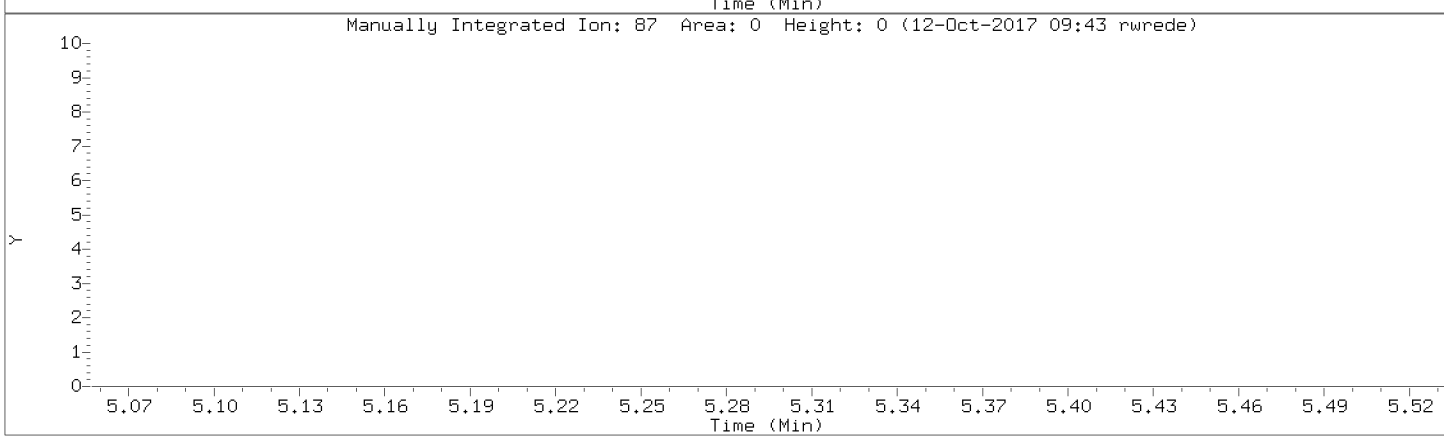
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: isopropyl acetate Review Code: NI
CAS Number: 108-21-4

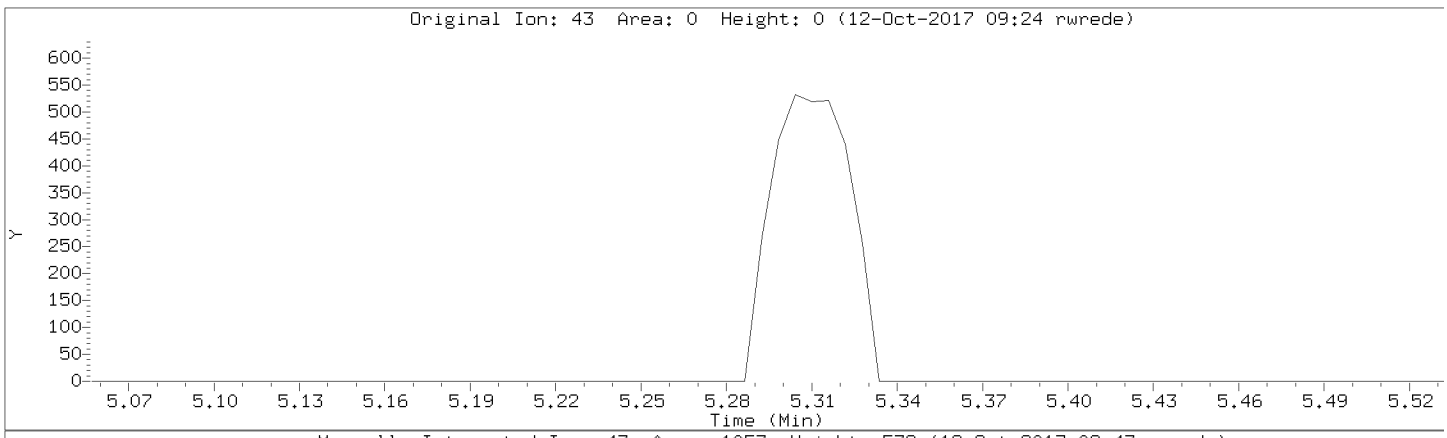


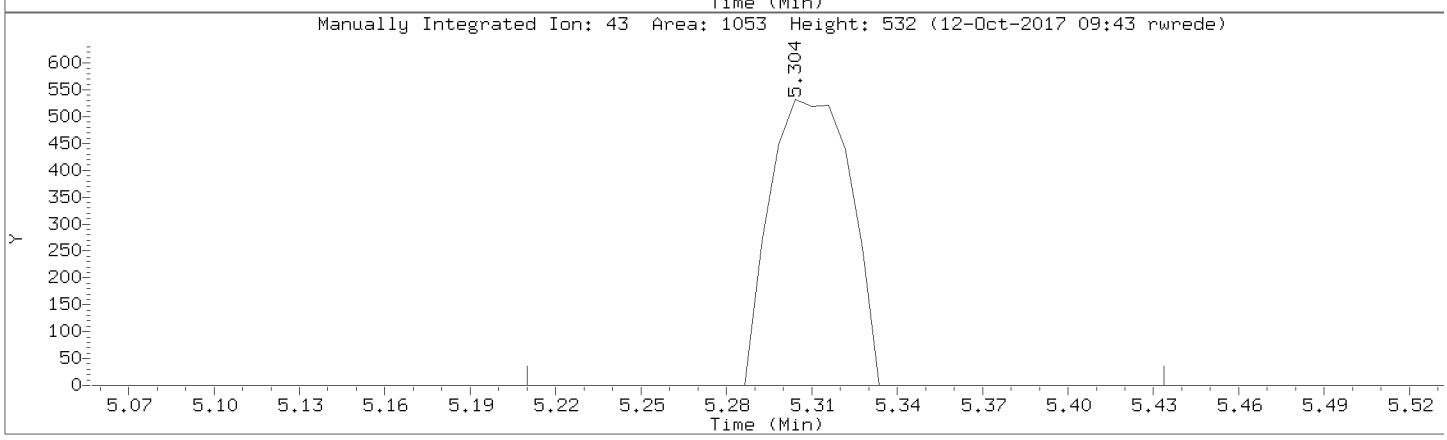






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a01.d
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1





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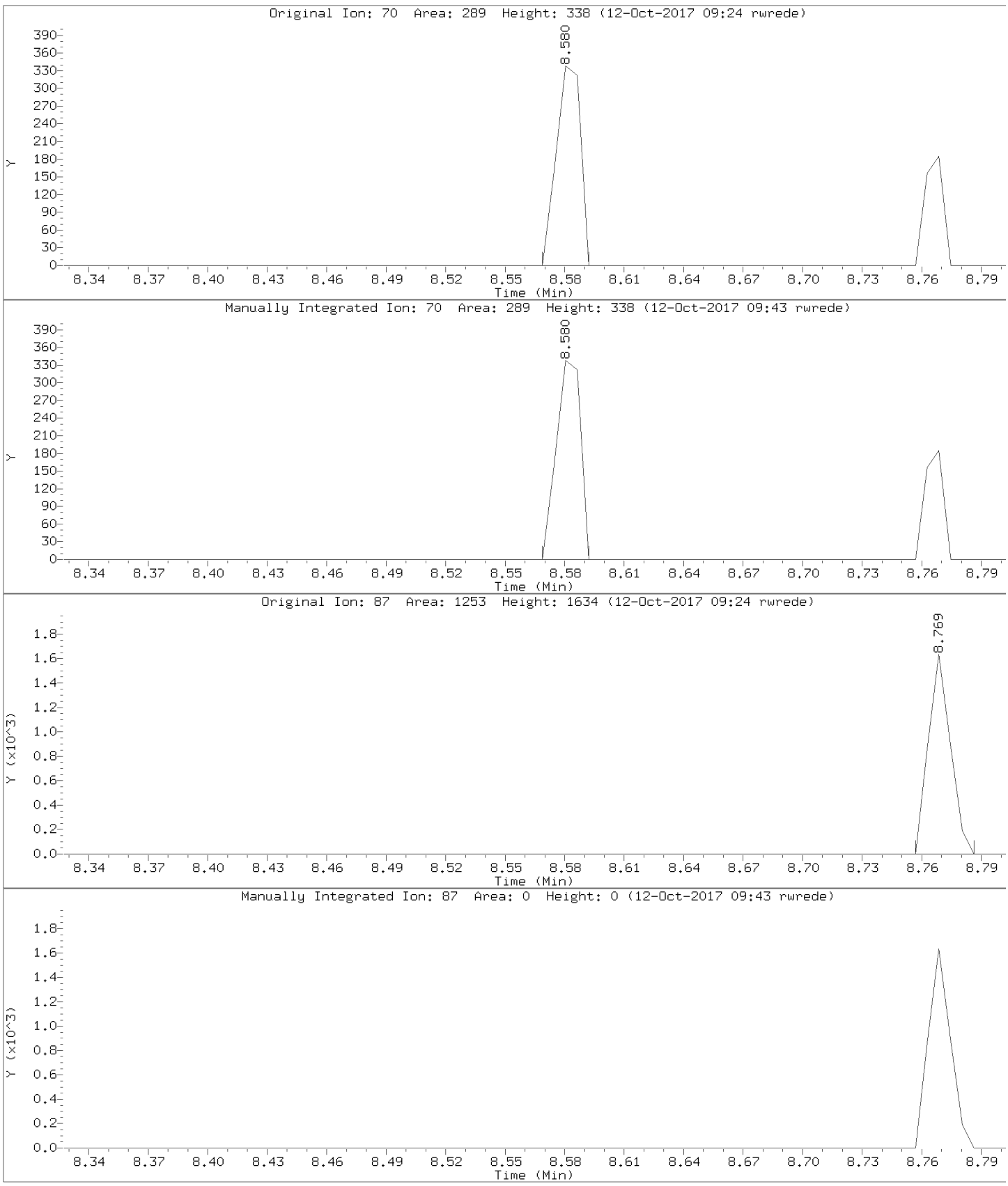
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: n-amyl acetate Review Code: WP
CAS Number: 628-63-7



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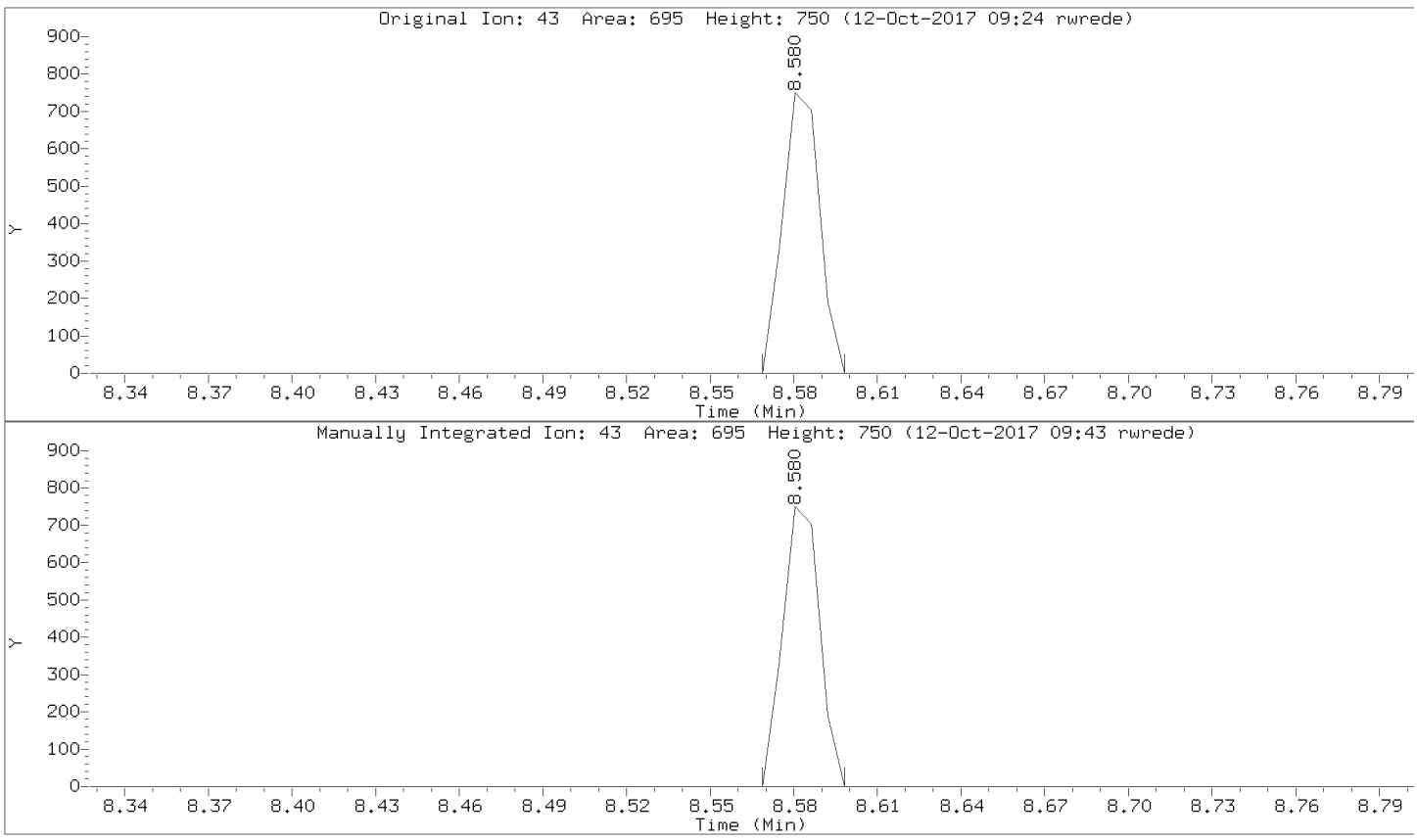
Lab Sample ID: 8260-CAL1



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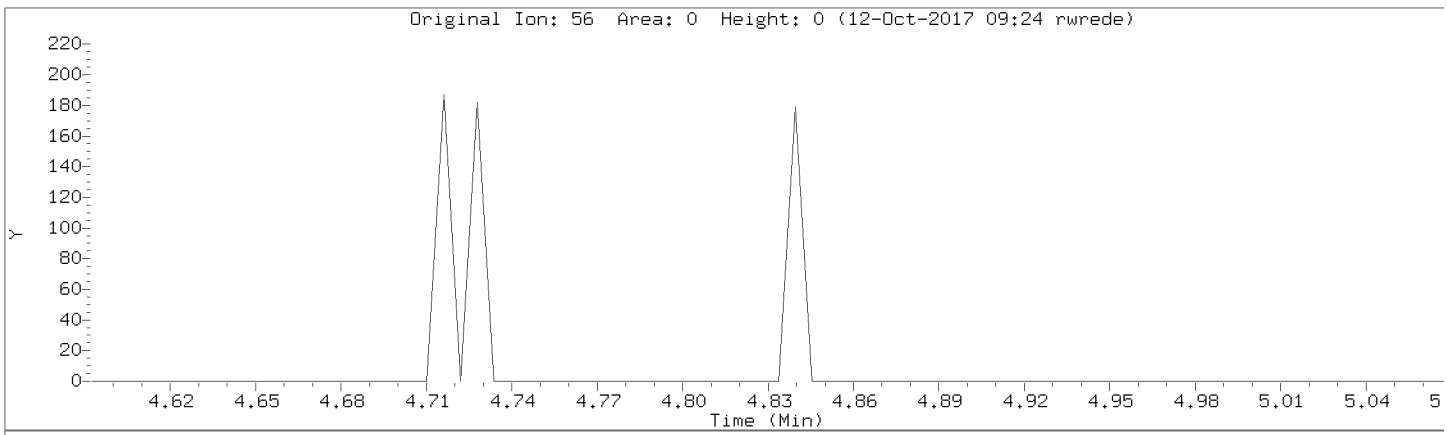
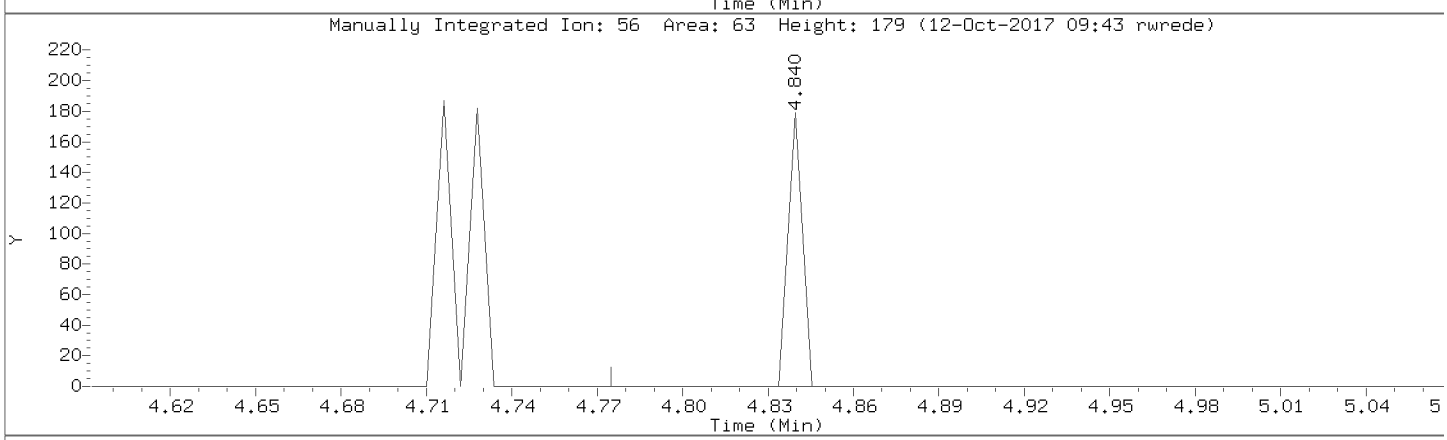
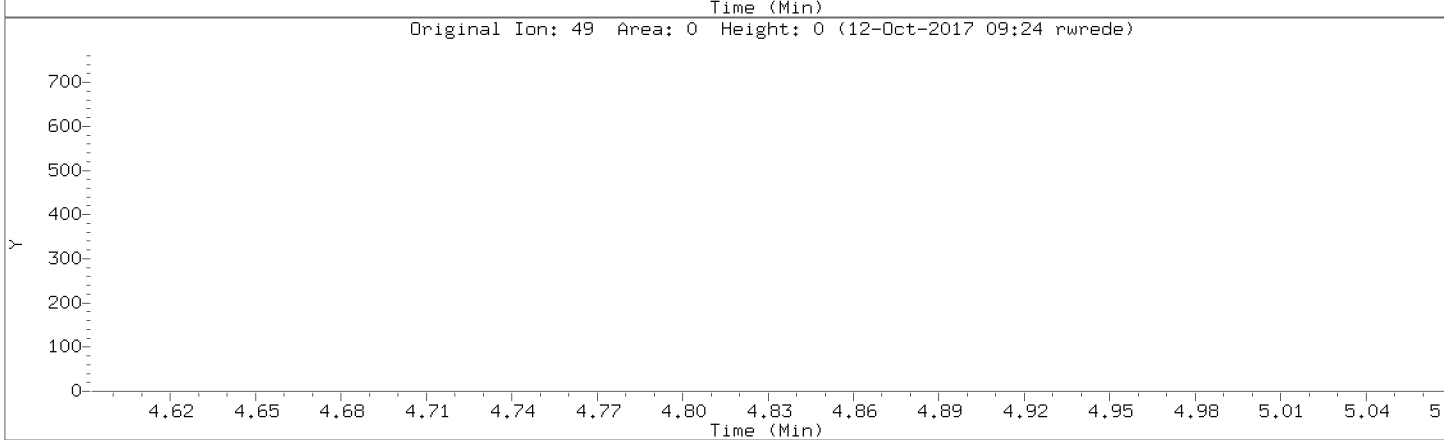
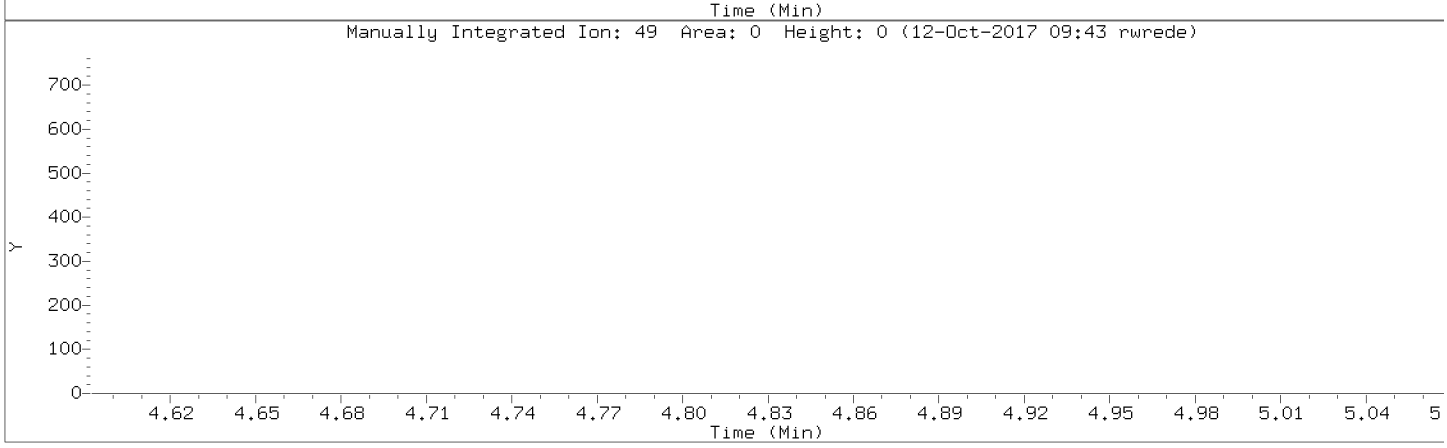
Injection Date: 11-OCT-2017 18:00
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL1

Compound: n-Butyl chloride Review Code: NI
CAS Number: 109-69-3









Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a02.d
Lab Smp Id: 8260-CAL2 Client Smp ID: 8260-CAL2
Inj Date : 11-OCT-2017 18:35
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal2,160361:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)		REVIEW C
1	Dichlorodifluoromethane	85	1.098	1.098	(0.202)	509	1.00000		(M)	NI
3	Chloromethane	50	1.257	1.251	(0.231)	423	1.00000		(M)	NI
4	Vinyl Chloride	62	1.292	1.286	(0.237)	507	1.00000	2.30	(M)	NI
6	Chloroethane	64	1.574	1.563	(0.289)	261	1.00000		(M)	NI
8	Trichlorofluoromethane	101	1.739	1.739	(0.319)	762	1.00000		(Q)	
9	Diethyl ether	74	1.963	1.968	(0.360)	116	1.00000		(QM)	NI
10	1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	260	1.00000		(QM)	NI
11	Acrolein	56	2.080	2.086	(0.382)	1739	20.0000		(Q)	
12	1,1,2trichlorotrifluoroethane	101	2.139	2.133	(0.393)	221	1.00000		(Q)	
13	1,1-Dichloroethene	96	2.139	2.133	(0.393)	184	1.00000		(QM)	NI
14	Acetone	43	2.221	2.221	(0.408)	650	5.00000			
15	Iodomethane	142	2.269	2.263	(0.416)	118	2.00000		(M)	NI
16	Carbon Disulfide	76	2.304	2.310	(0.423)	890	1.00000	1.75	(M)	NI
17	Acetonitrile	39	2.457	2.457	(0.451)	464	1.00000	1.61	(M)	NI
18	allyl chloride	41	2.463	2.457	(0.452)	700	2.00000	3.12		
19	Methyl Acetate	43	2.498	2.498	(0.458)	332	1.00000		(M)	NI
20	Methylene Chloride	84	2.586	2.580	(0.474)	444	1.00000		(M)	NI
23	1,2-Dichloroethene (trans)	96	2.827	2.833	(0.519)	53	1.00000		(QM)	NI
24	Methyl-tert-butyl ether	73	2.857	2.845	(0.524)	623	1.00000	2.36	(M)	NI
22	Acrylonitrile	53	2.868	2.868	(0.526)	506	4.00000	16.1	(Q)	
25	n-Hexane	57	3.116	3.115	(0.572)	473	1.00000		(M)	NI
26	1,1-Dichloroethane	63	3.321	3.321	(0.609)	468	1.00000		(M)	NI
28	chloroprene	53	3.421	3.421	(0.628)	445	1.00000		(M)	NI

			QUANT SIG					AMOUNTS CAL-AMT	ON-COL		
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)		REVIEW C
	27 Vinyl Acetate		43	3.433	3.427	(0.630)	3431	4.00000	4.80		
	7 isopropyl acetate		61	5.310	5.309	(0.974)	589	4.00000	14.0	(Q)	
	29 2,2-Dichloropropane		77	4.080	4.080	(0.749)	176	1.00000		(M)	NI
	30 1,2-Dichloroethene (cis)		96	4.110	4.109	(0.754)	219	1.00000		(QM)	NI
	31 2-Butanone		43	4.198	4.192	(0.770)	716	5.00000	5.70	(M)	NI
	33 Bromochloromethane		49	4.415	4.415	(0.810)	134	1.00000		(M)	NI
	36 Chloroform		83	4.533	4.539	(0.832)	571	1.00000		(QM)	LT
	37 1,1,1-Trichloroethane		97	4.692	4.698	(0.861)	486	1.00000		(QM)	NI
$	38 Dibromofluoromethane (S)		113	4.733	4.733	(0.868)	25196	50.0000	50.4		
	39 Cyclohexane		56	4.727	4.727	(0.867)	377	1.00000		(QM)	LT
	40 n-Butyl chloride		56	4.851	4.845	(0.890)	536	1.00000		(M)	NI
	41 Carbon Tetrachloride		117	4.868	4.874	(0.893)	264	1.00000		(QM)	NI
	42 1,1-Dichloropropene		75	4.892	4.892	(0.897)	399	1.00000		(M)	NI
	43 Benzene		78	5.133	5.127	(0.942)	1582	1.00000	1.22		
	44 1,2-Dichloroethane		62	5.186	5.192	(0.951)	504	1.00000		(M)	NI
	45 2,2,4-Trimethylpentane		57	5.215	5.215	(0.957)	944	1.00000		(M)	NI
*	47 Fluorobenzene		96	5.451	5.451	(1.000)	84144	50.0000			
	48 Trichloroethene		95	5.833	5.821	(1.070)	375	1.00000		(QM)	LT
	49 Methylcyclohexane		55	5.986	5.980	(1.098)	194	1.00000	0.754	(QM)	NI
	50 1,2-Dichloropropane		63	6.068	6.062	(1.113)	345	1.00000		(QM)	NI
	51 Dibromomethane		93	6.186	6.180	(1.135)	117	1.00000		(QM)	NI
	54 Bromodichloromethane		83	6.351	6.351	(1.165)	391	1.00000		(QM)	NI
	55 2-Chloroethyl vinyl ether		63	6.674	6.668	(0.830)	55	2.00000		(M)	NI
	56 cis-1,3-Dichloropropene		75	6.774	6.774	(0.842)	469	1.00000	1.97	(M)	NI
	57 4-Methyl-2-Pentanone		43	6.945	6.945	(0.863)	1827	5.00000	6.31	(M)	NI
$	58 Toluene-d8		98	6.998	6.998	(0.870)	89507	50.0000	50.7		
	59 Toluene		91	7.051	7.050	(0.876)	1653	1.00000			
	60 trans-1,3-Dichloropropene		75	7.268	7.262	(0.903)	389	1.00000		(M)	NI
	61 Ethyl Methacrylate		69	7.345	7.345	(0.913)	514	1.00000		(M)	NI
	62 1,1,2-Trichloroethane		83	7.398	7.397	(0.920)	201	1.00000		(QM)	NI
	63 Tetrachloroethene		166	7.462	7.462	(0.928)	438	1.00000		(Q)	
	64 1,3-Dichloropropane		76	7.515	7.515	(0.934)	570	1.00000	4.82		
	65 2-Hexanone		43	7.598	7.592	(0.944)	1159	5.00000	6.59	(Q)	
	66 Dibromochloromethane		129	7.674	7.668	(0.954)	450	1.00000		(Q)	
	67 1,2-Dibromoethane		107	7.739	7.739	(0.962)	310	1.00000	1.31	(Q)	
*	68 Chlorobenzene-d5		117	8.045	8.039	(1.000)	70077	50.0000			
	69 Chlorobenzene		112	8.062	8.056	(1.002)	1282	1.00000	1.14	(QM)	NI
	2 n-amyl acetate		70	8.586	8.580	(1.575)	922	4.00000	6.20	(QM)	WP
	70 1,1,1,2-Tetrachloroethane		131	8.121	8.121	(1.010)	409	1.00000	2.37	(QM)	NI
	71 Ethylbenzene		106	8.133	8.127	(1.011)	449	1.00000	1.98	(QM)	WP
	72 m&p-Xylene		106	8.203	8.203	(1.020)	1419	2.00000	1.92		
	73 o-Xylene		106	8.450	8.450	(1.050)	803	1.00000	2.19	(Q)	
	74 Styrene		104	8.462	8.462	(1.052)	914	1.00000		(M)	NI
	75 Bromoform		173	8.580	8.580	(0.908)	237	1.00000		(M)	NI
	76 Isopropylbenzene		105	8.674	8.668	(1.078)	1879	1.00000		(M)	NI
$	77 4-Bromofluorobenzene		95	8.768	8.762	(1.090)	34479	50.0000	50.9		
	78 Bromobenzene		77	8.856	8.850	(1.101)	786	1.00000	1.45	(QM)	NI
	79 1,1,2,2-Tetrachloroethane		83	8.868	8.862	(0.939)	459	1.00000	1.00	(QM)	NI
	80 1,2,3-Trichloropropane		110	8.892	8.886	(0.941)	157	1.00000		(QM)	NI
	81 trans-1,4-Dichloro-2-butene		53	8.898	8.897	(1.106)	53	1.00000		(QM)	NI
	82 n-Propylbenzene		91	8.915	8.909	(0.944)	2134	1.00000		(M)	NI
	83 2-Chlorotoluene		91	8.968	8.962	(0.950)	1287	1.00000		(M)	NI
	84 1,3,5-Trimethylbenzene		105	9.015	9.009	(0.955)	1380	1.00000		(M)	NI
	85 4-Chlorotoluene		126	9.033	9.027	(0.956)	403	1.00000	1.57	(QM)	NI

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)		REVIEW C
86	tert-Butylbenzene	119	9.209	9.203	(0.975)	1720	1.00000		(M)	NI
87	1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	1355	1.00000		(M)	NI
88	sec-Butylbenzene	105	9.333	9.327	(0.988)	1625	1.00000		(M)	NI
89	1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	906	1.00000		(M)	NI
90	p-Isopropyltoluene	119	9.415	9.409	(0.997)	1461	1.00000		(M)	NI
* 91	1,4-Dichlorobenzene-d4	152	9.445	9.433	(1.000)	35886	50.0000			
92	1,4-Dichlorobenzene	146	9.456	9.450	(1.001)	948	1.00000	1.17	(M)	NI
93	n-Butylbenzene	91	9.656	9.644	(1.022)	946	1.00000	1.12	(M)	NI
94	1,2-Dichlorobenzene	146	9.674	9.668	(1.024)	1037	1.00000		(M)	NI
96	1,2,4-Trichlorobenzene	180	10.621	10.609	(1.125)	311	1.00000		(QM)	NI
97	Hexachlorobutadiene	225	10.715	10.703	(1.135)	66	1.00000		(M)	NI
98	Naphthalene	128	10.780	10.768	(1.141)	819	1.00000	1.70	(M)	NI
99	1,2,3-Trichlorobenzene	180	10.927	10.915	(1.157)	203	1.00000		(QM)	NI
101	1-Methylnaphthalene	142	11.615	11.597	(2.131)	61	1.00000		(M)	NI

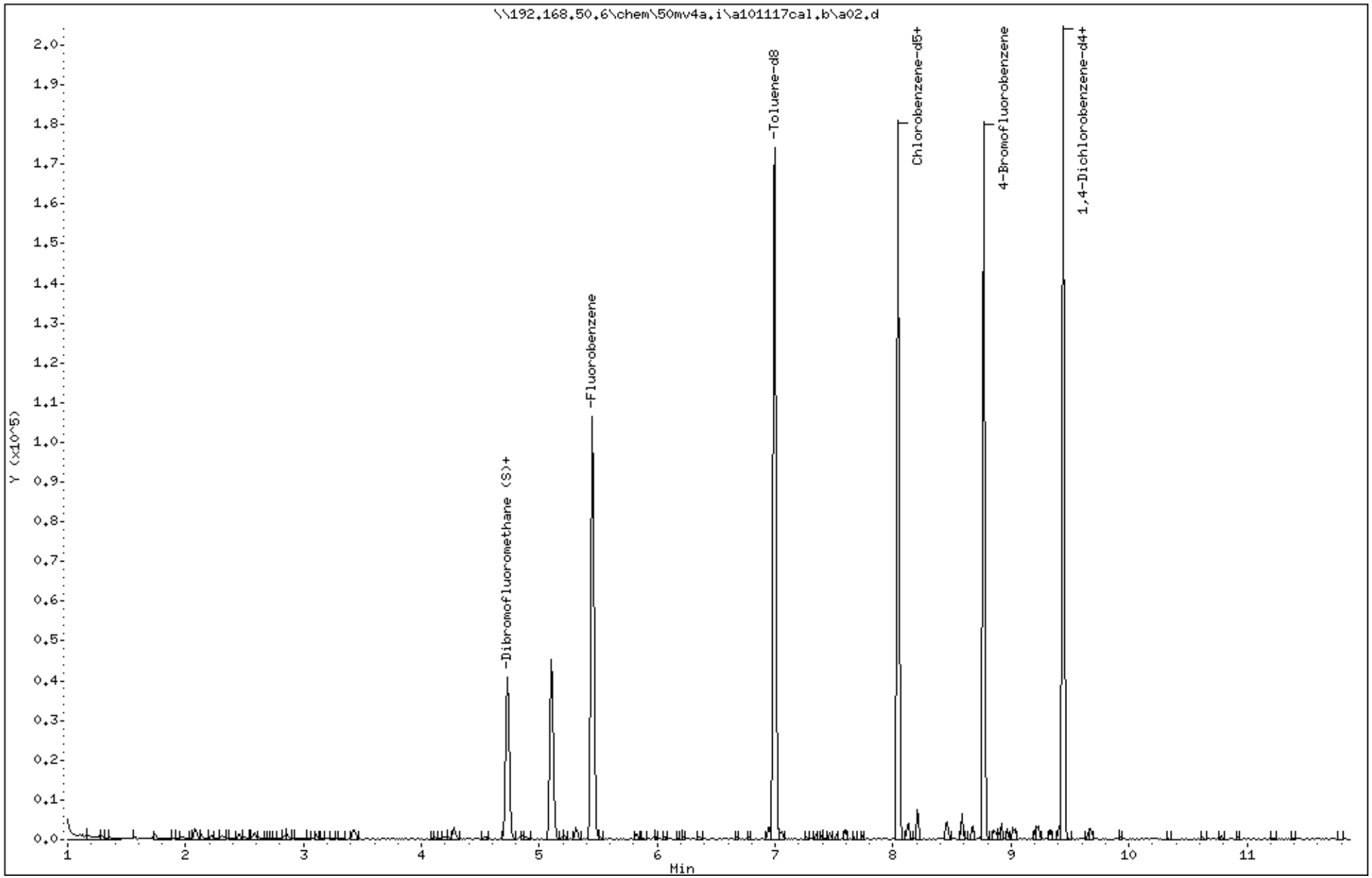
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

NI: Indicates that the peak was not integrated at all by the computer software.
:
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a02.d
Date : 11-OCT-2017 18:35
Client ID: 8260-CAL2
Instrument: 50mv4a.i
Sample Info: 8260-CAL2,160361:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



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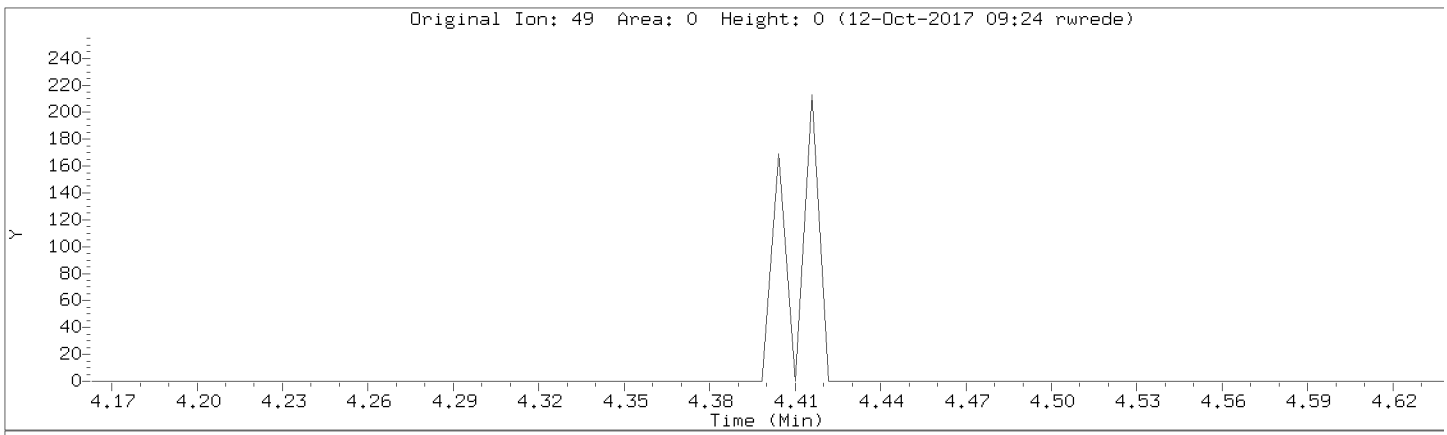
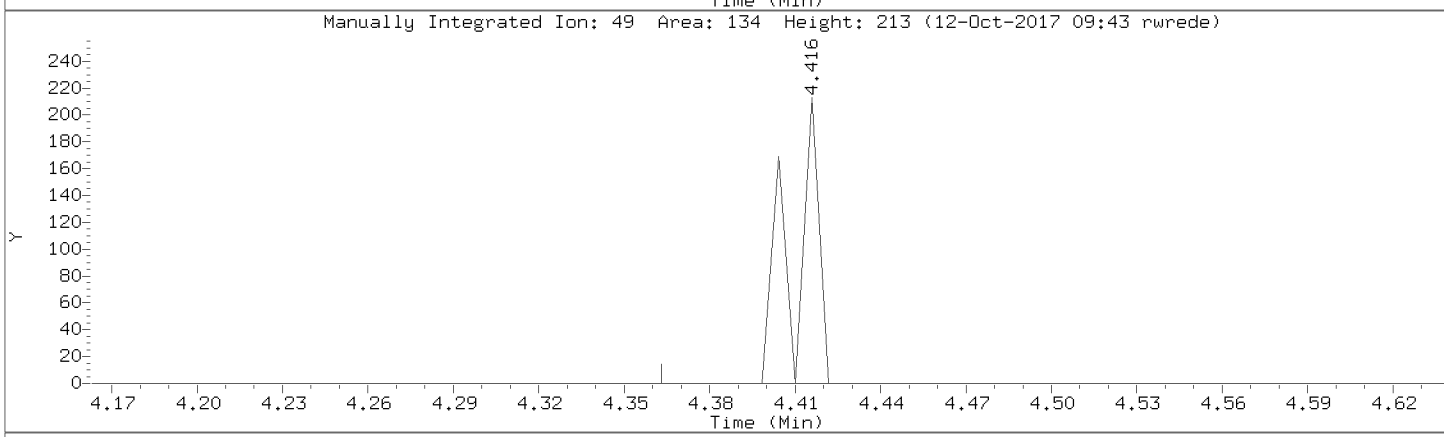
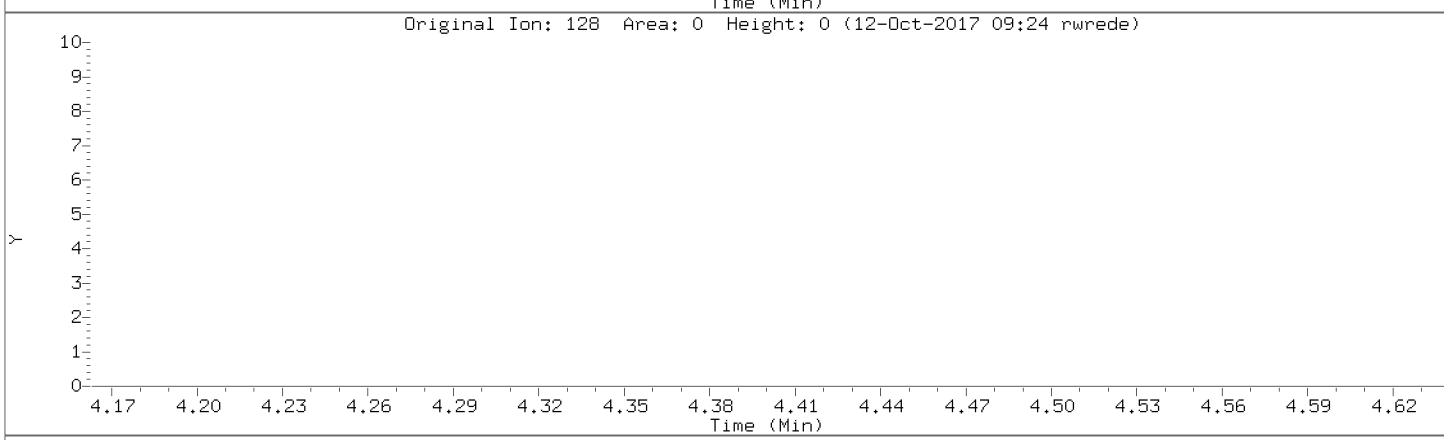
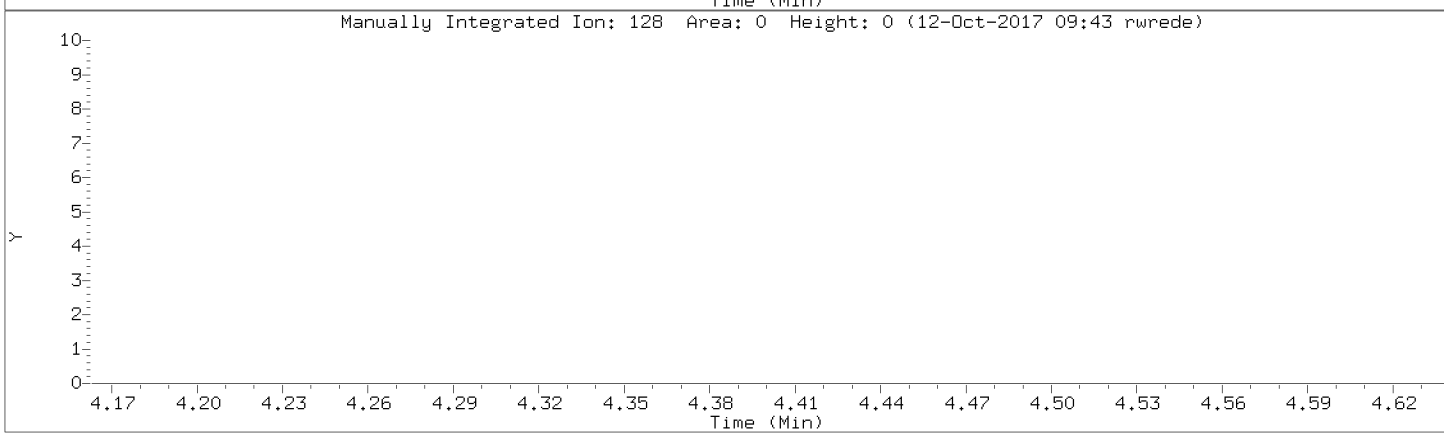
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Bromochloromethane Review Code: NI
CAS Number: 74-97-5









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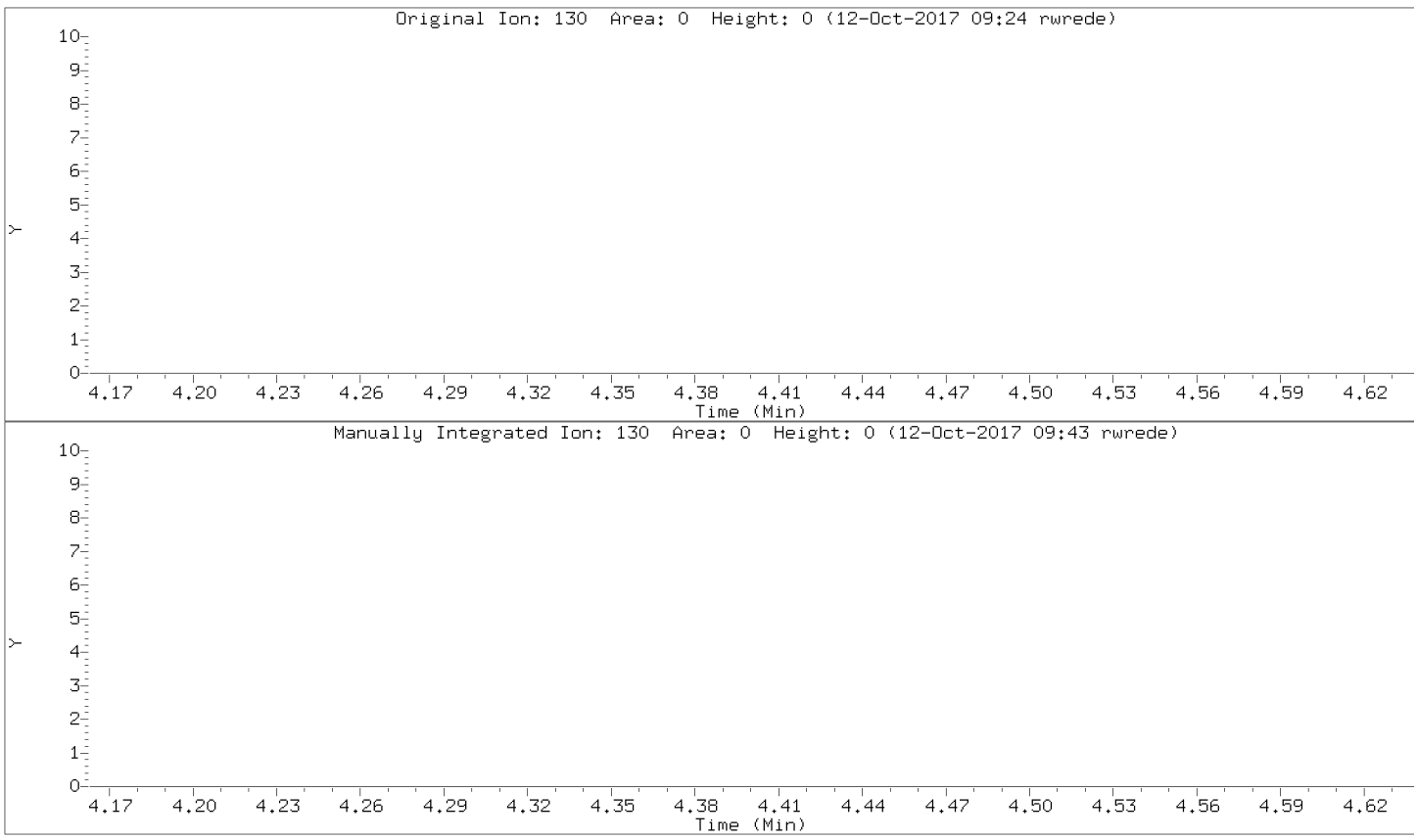
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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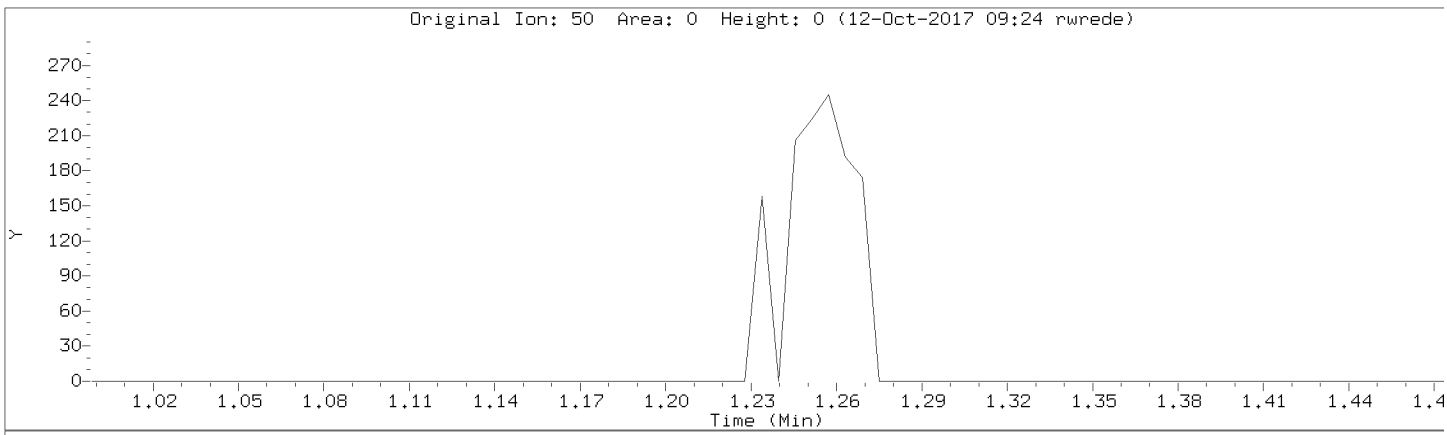
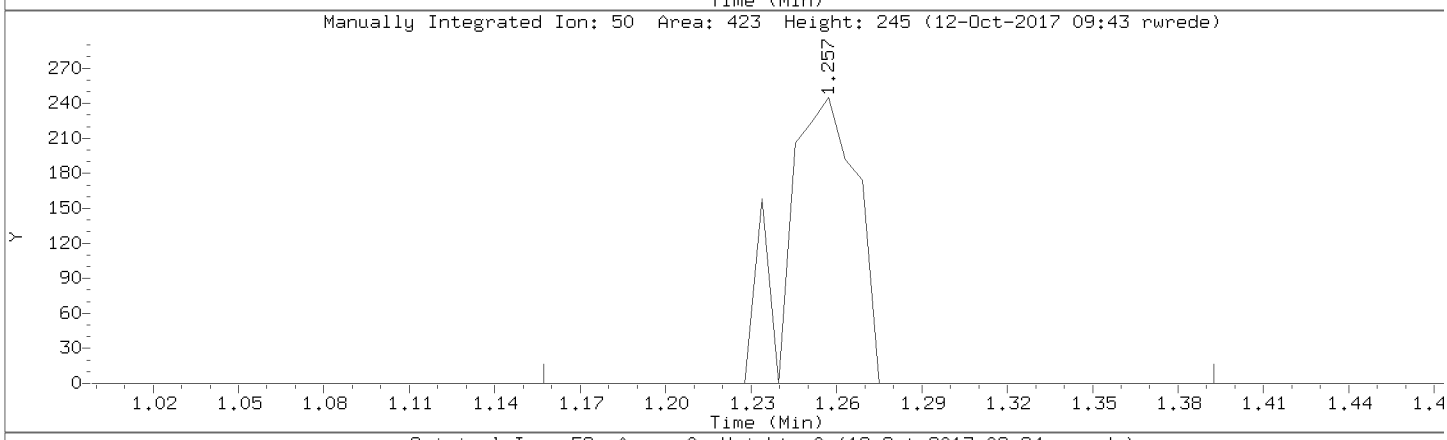
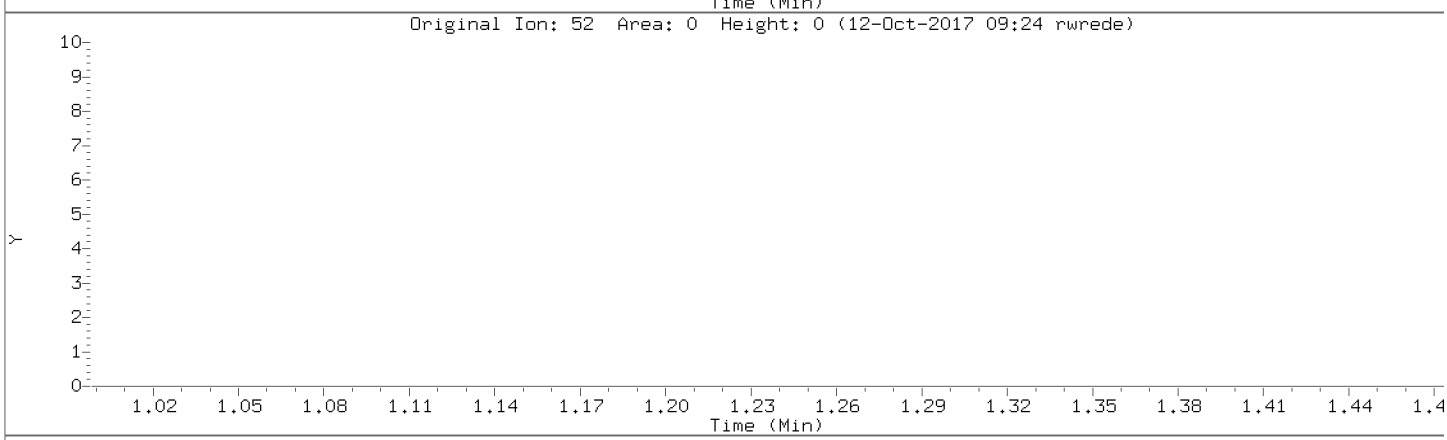
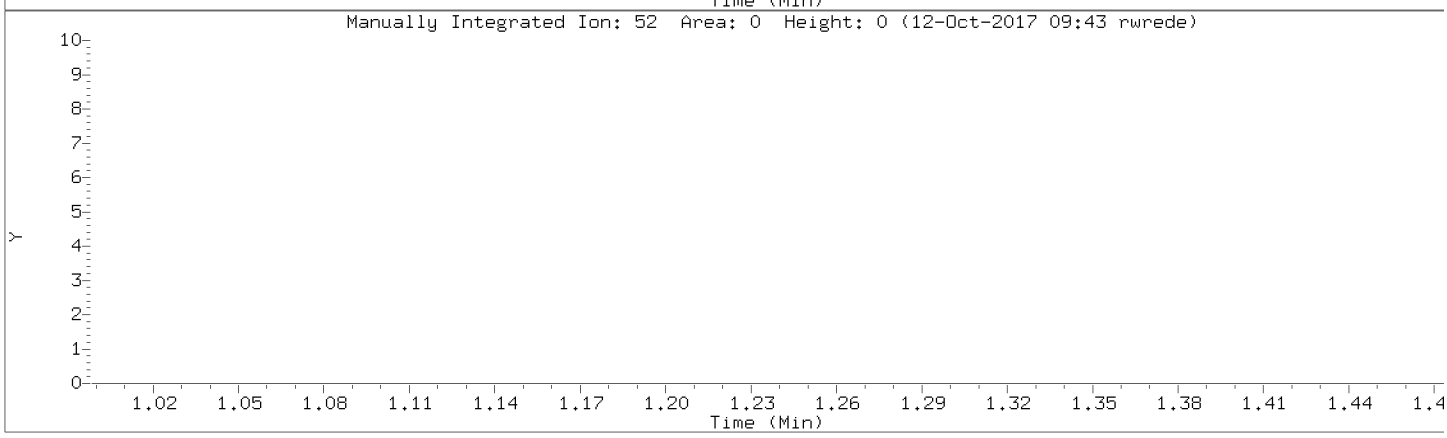
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Chloromethane Review Code: NI
CAS Number: 74-87-3









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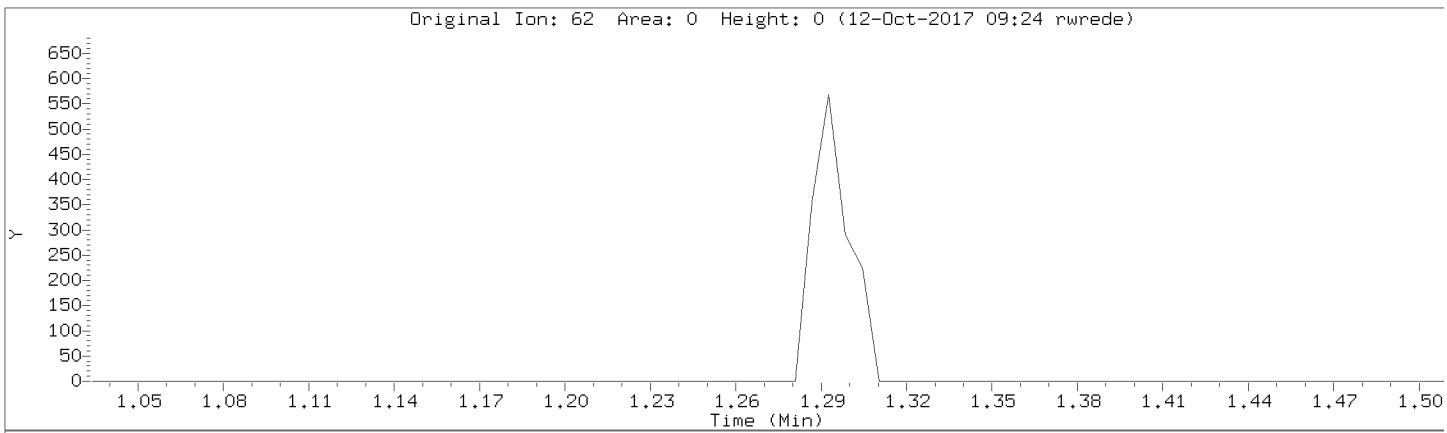
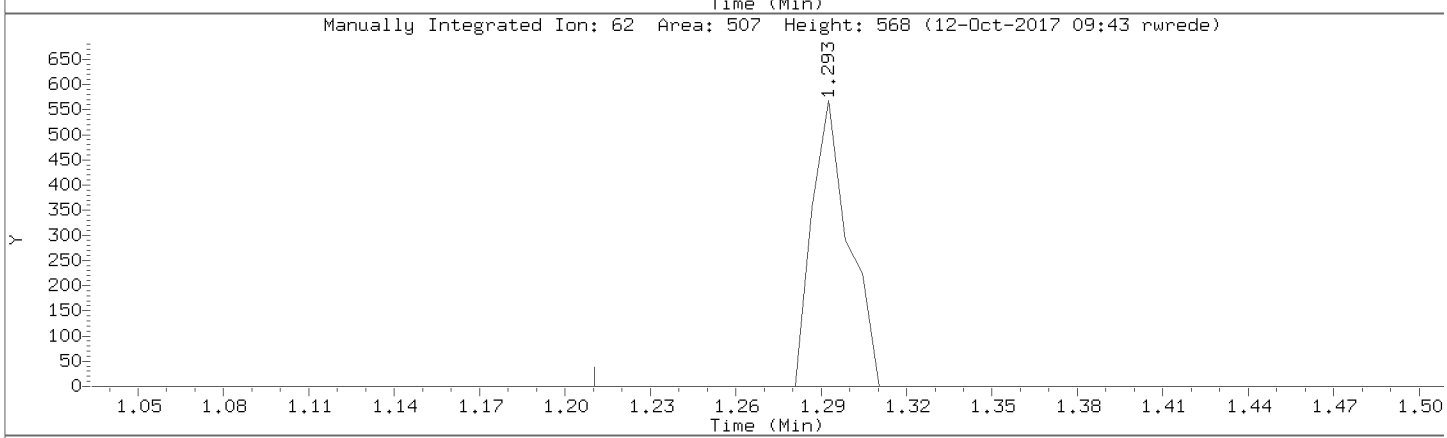
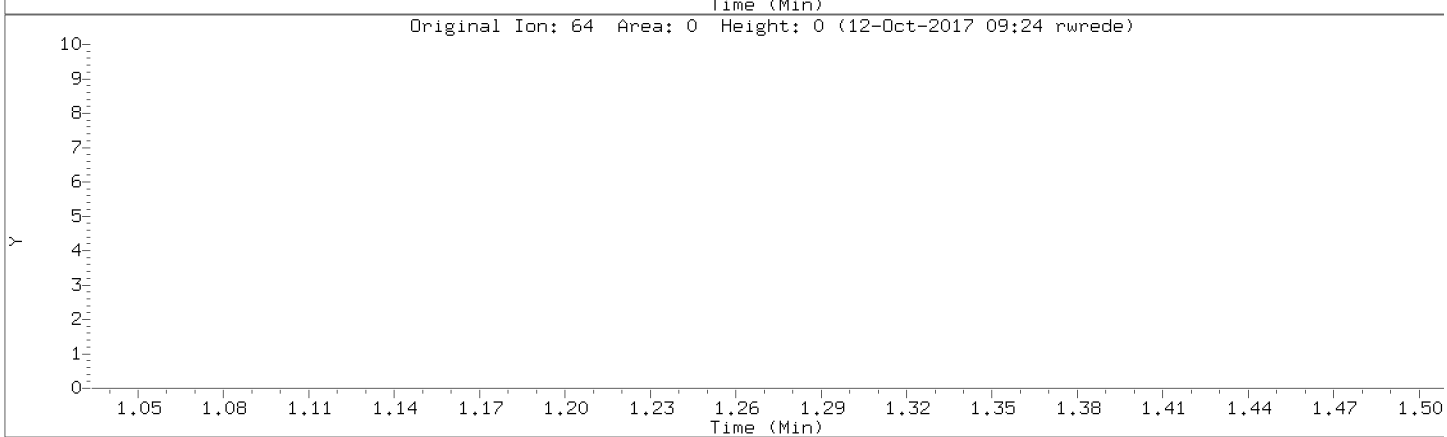
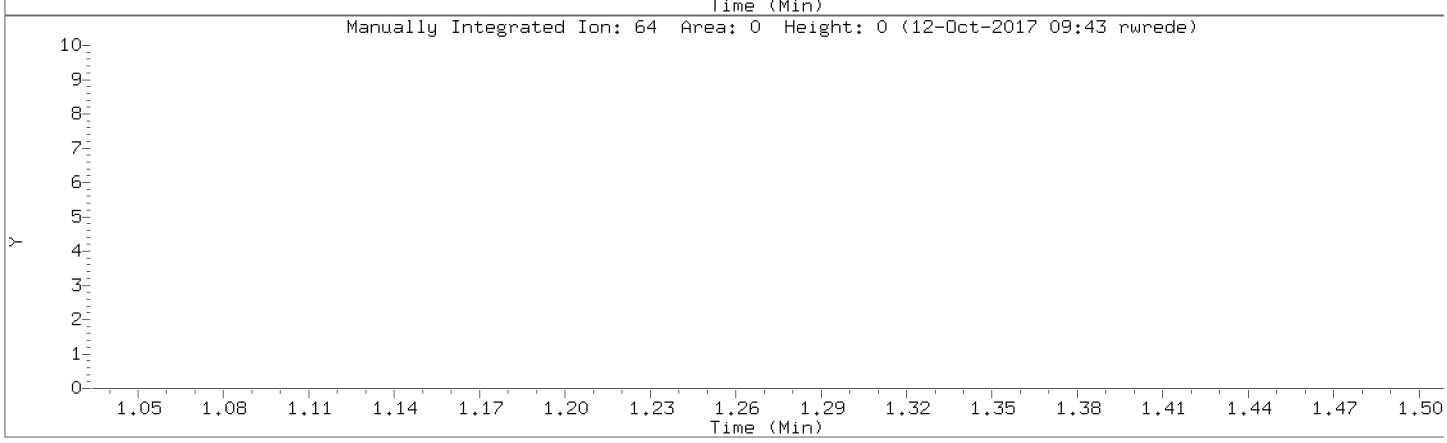
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Vinyl Chloride Review Code: NI
CAS Number: 75-01-4









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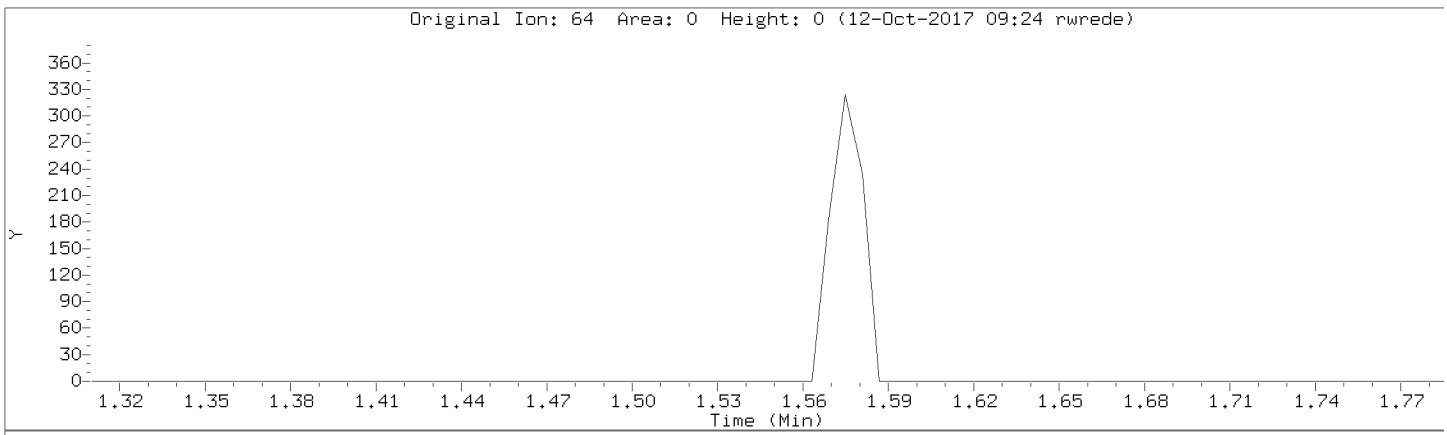
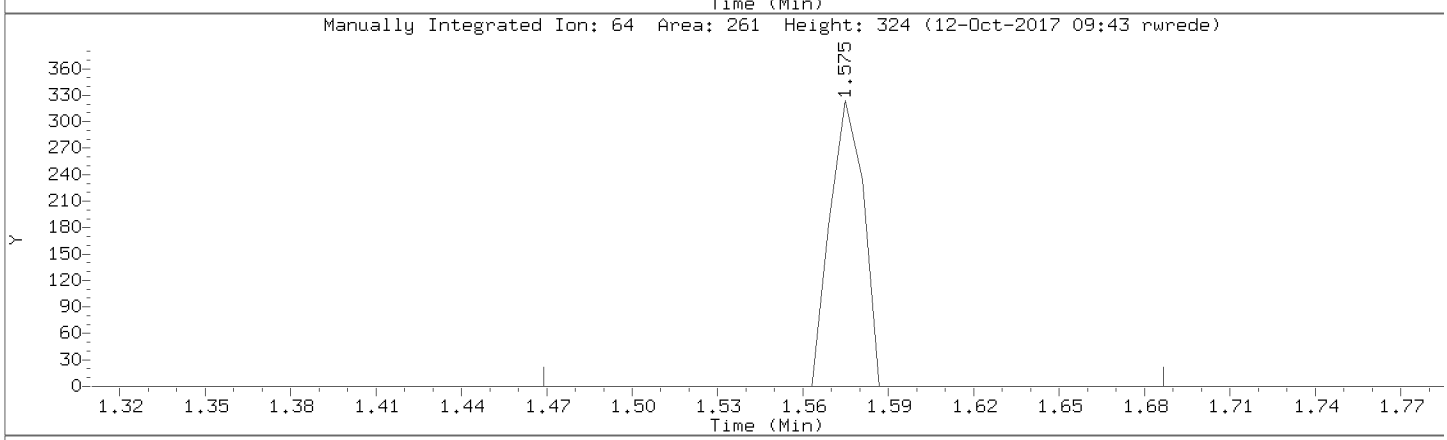
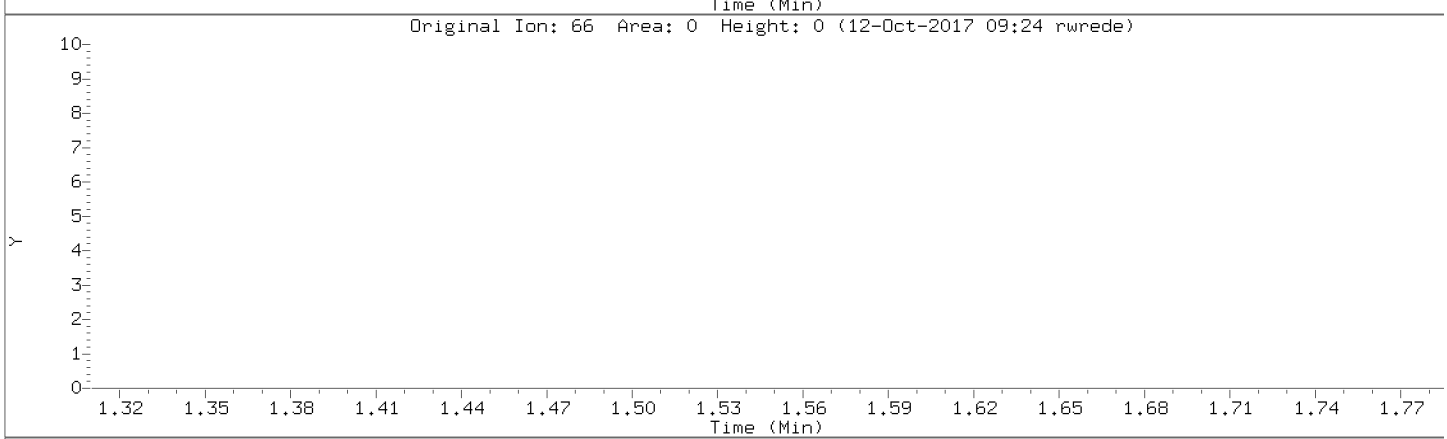
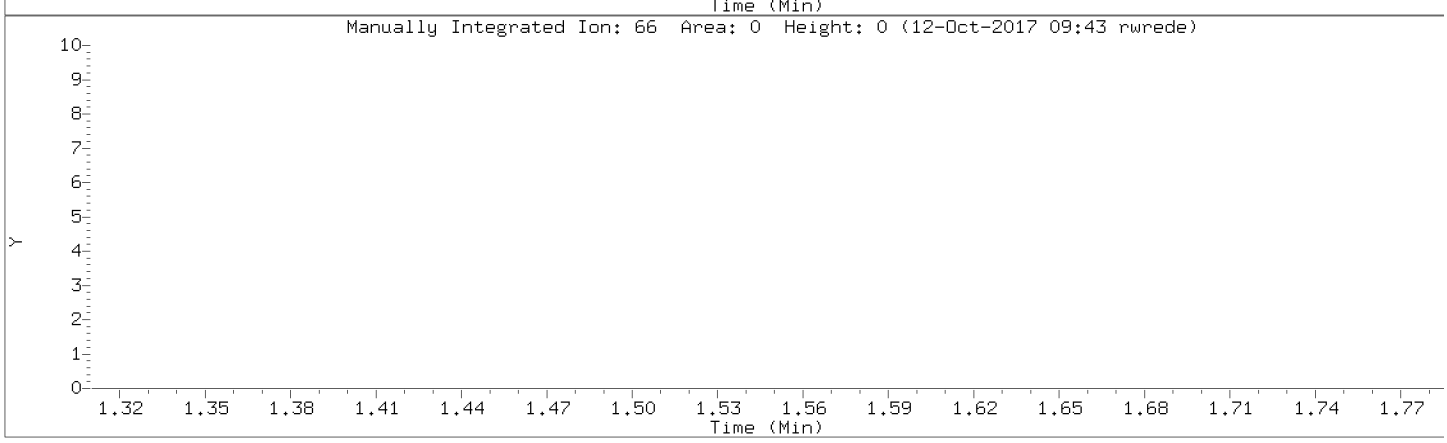
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Chloroethane Review Code: NI
CAS Number: 75-00-3









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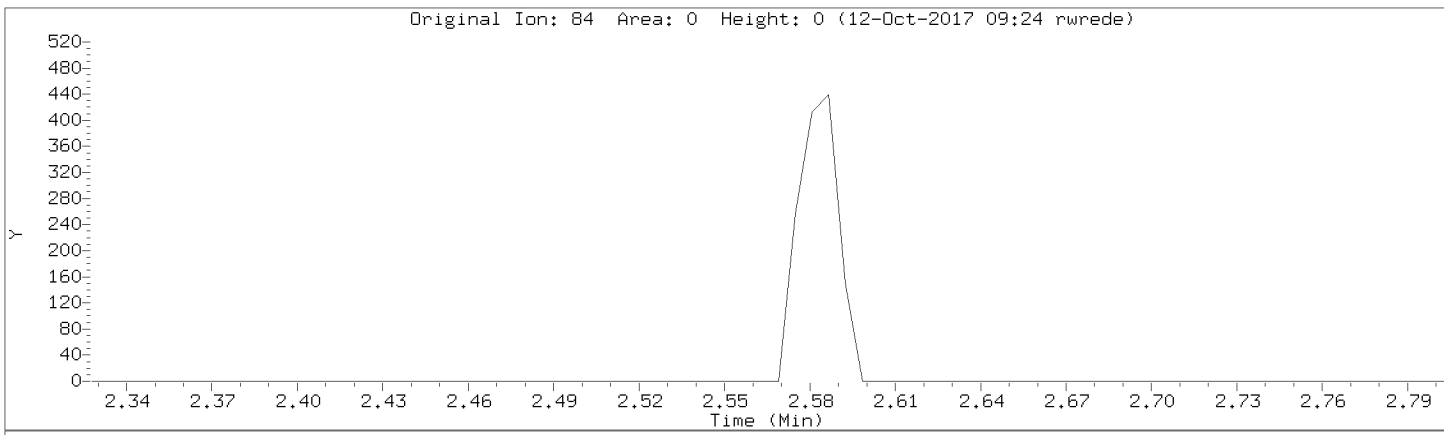
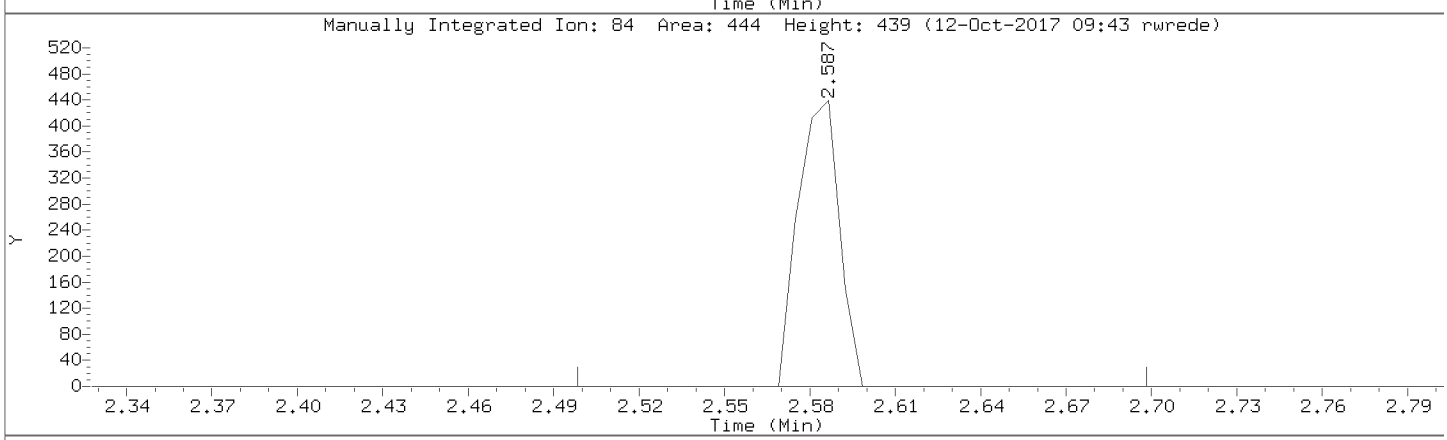
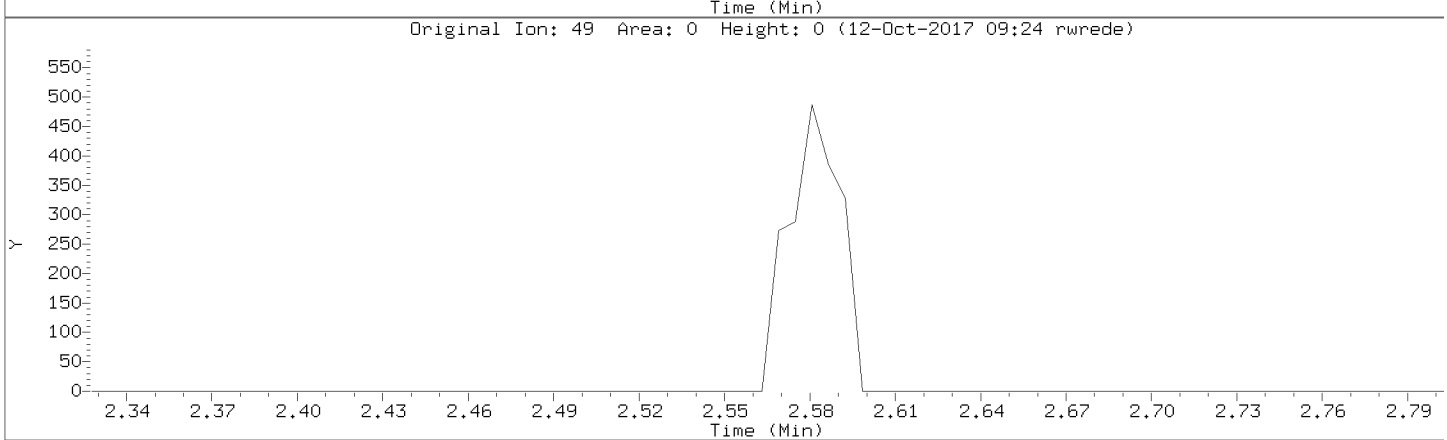
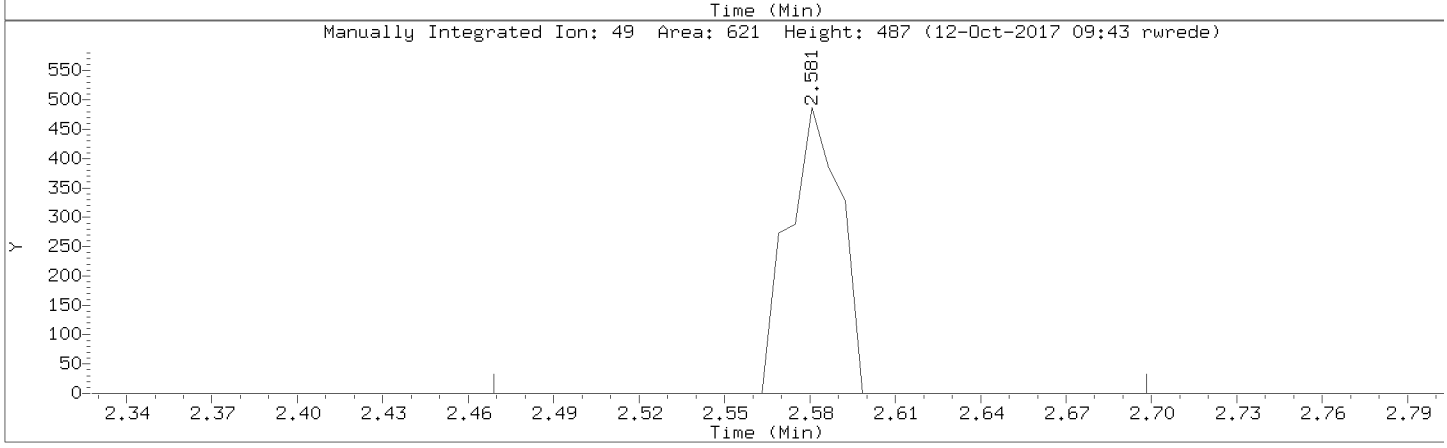
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Methylene Chloride Review Code: NI
CAS Number: 75-09-2









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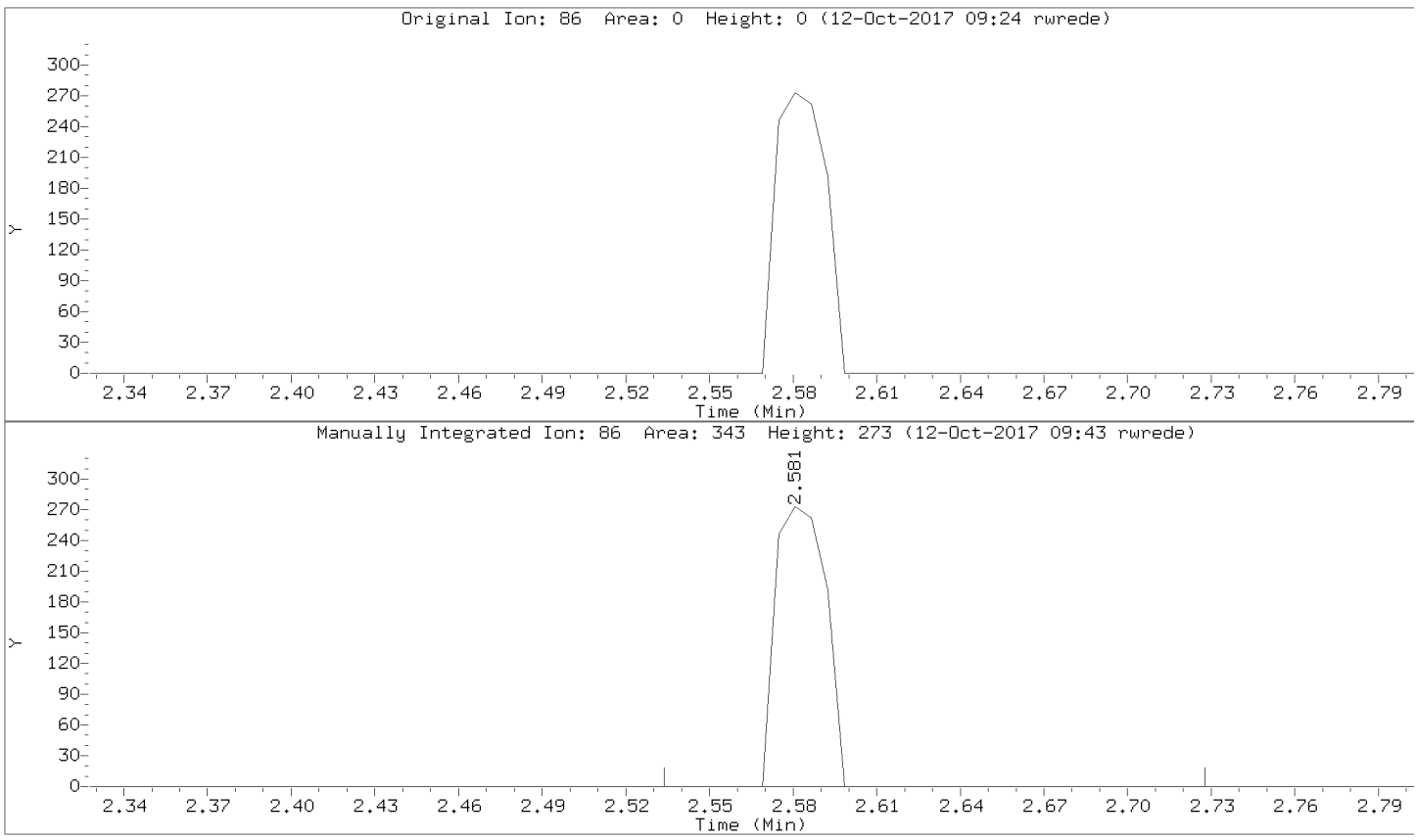
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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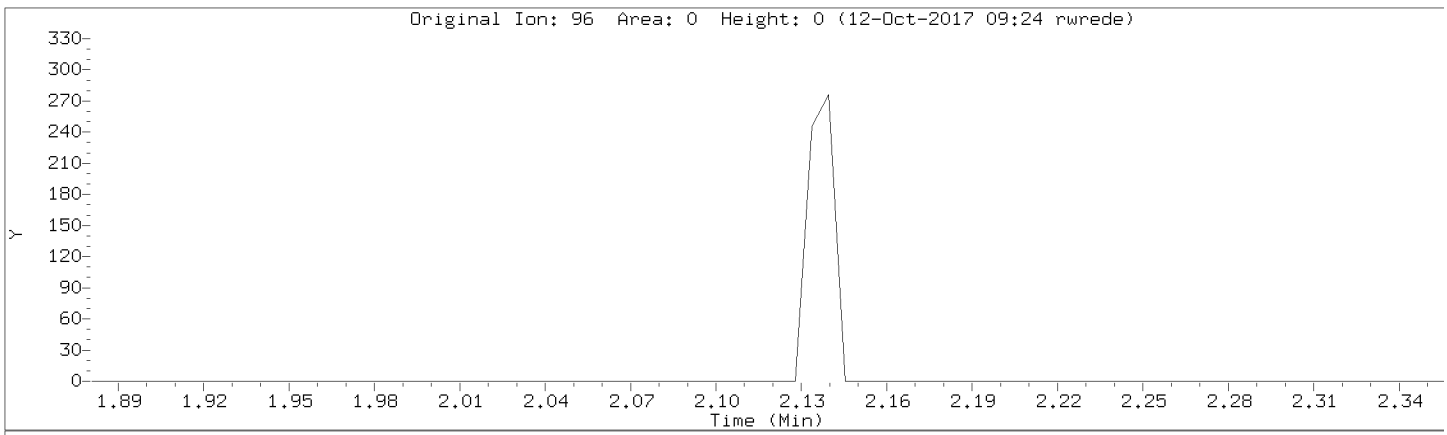
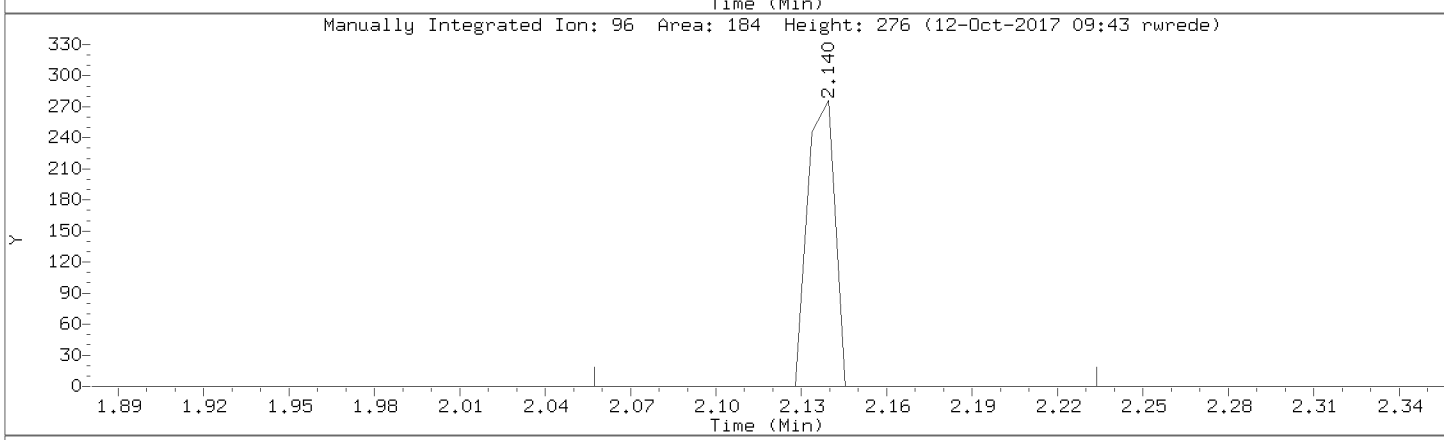
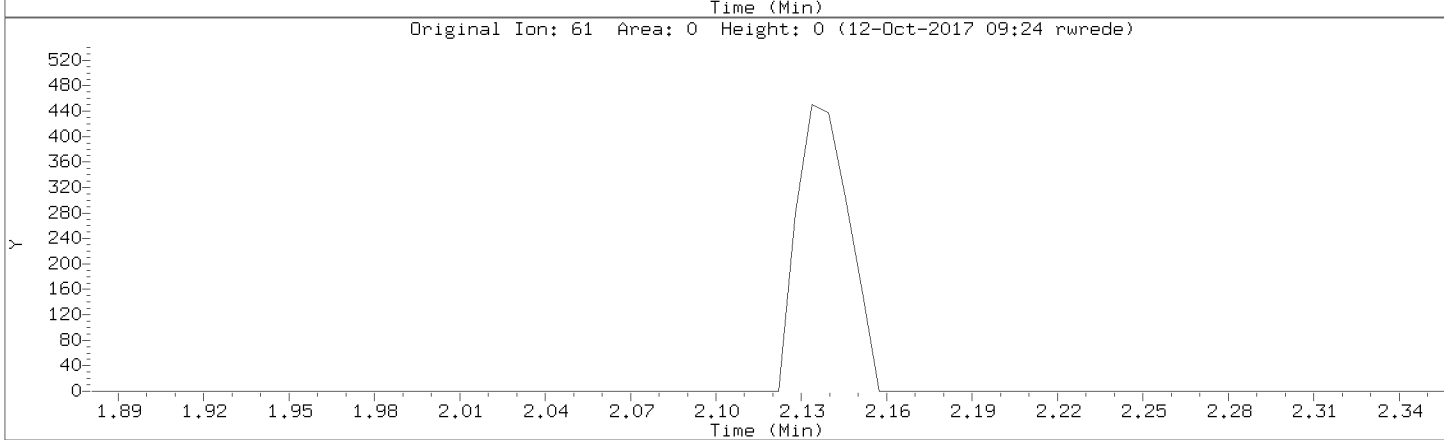
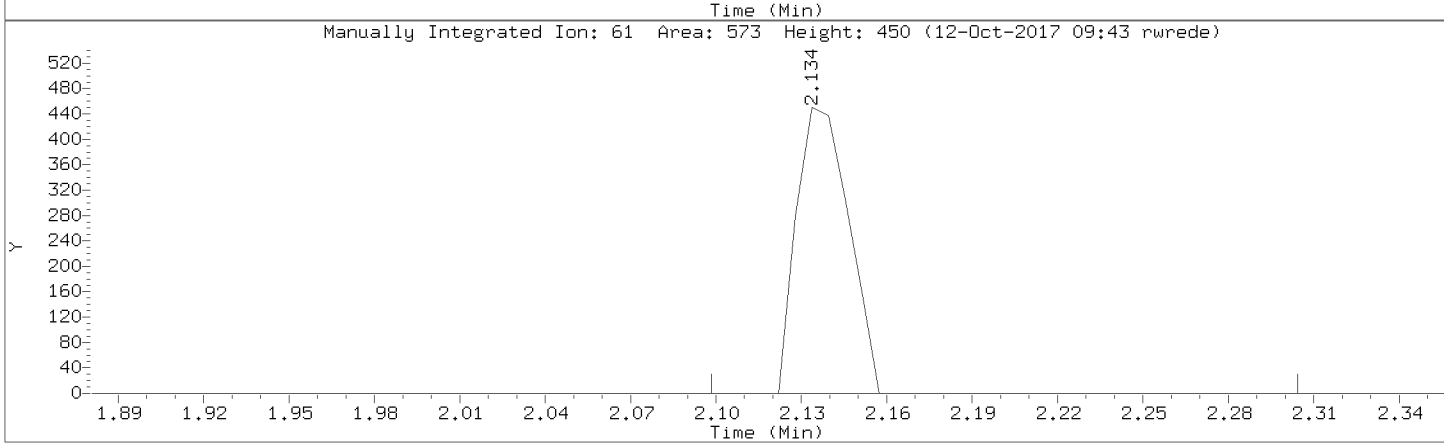
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1-Dichloroethene Review Code: NI
CAS Number: 75-35-4









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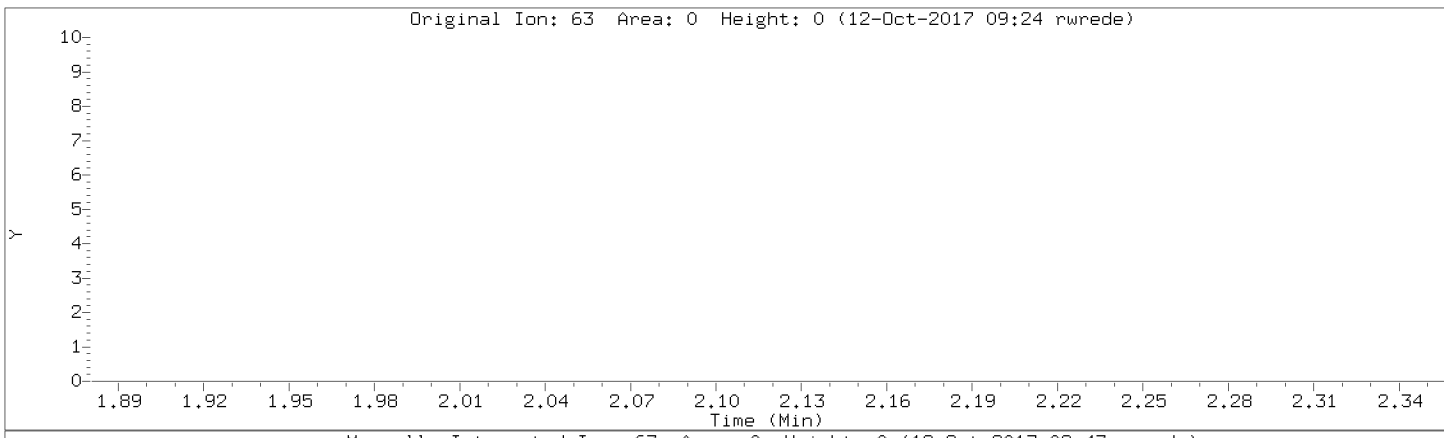
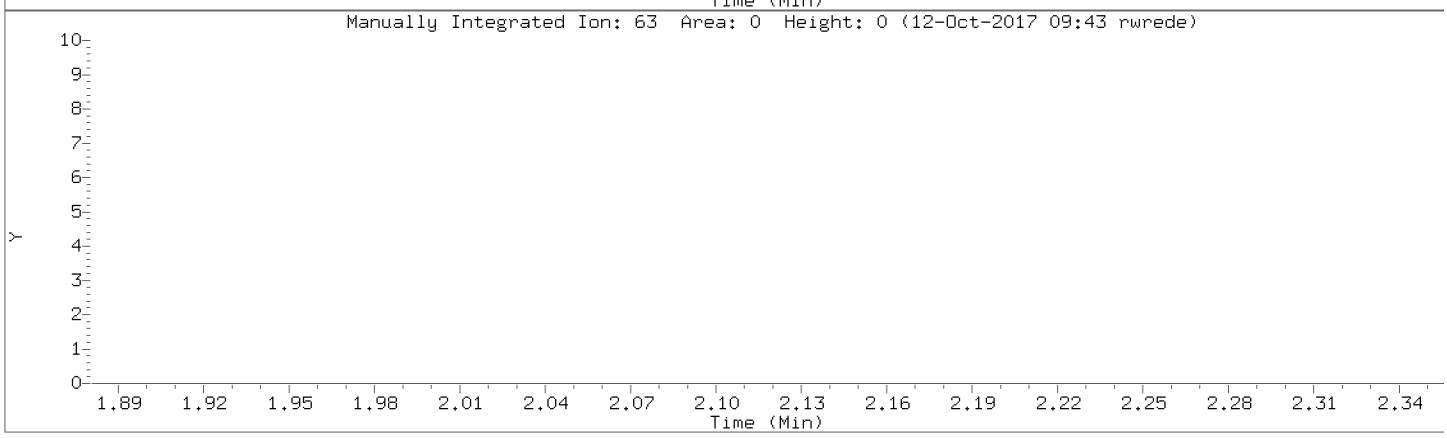
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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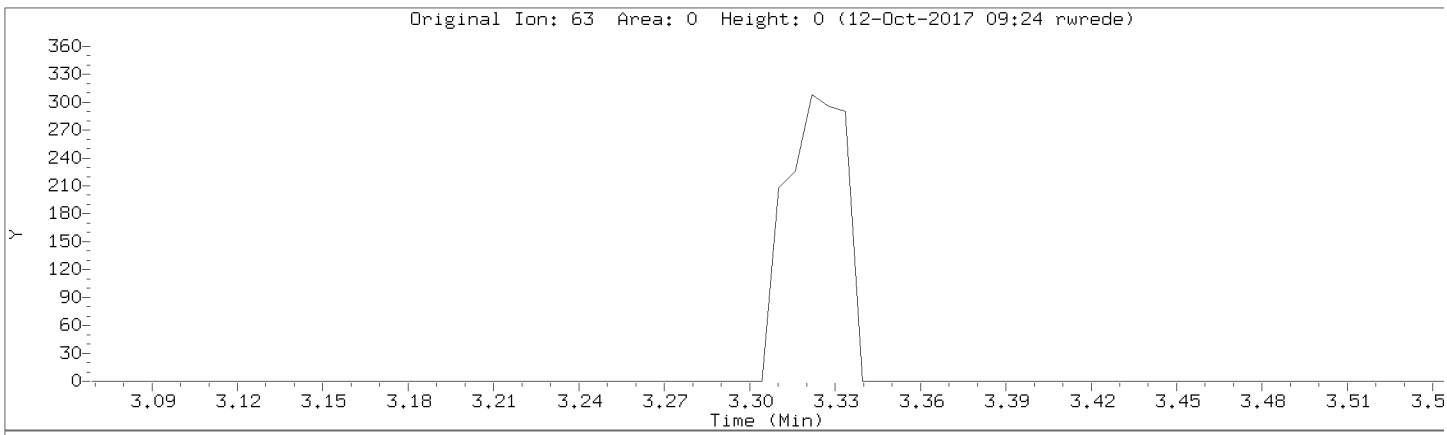
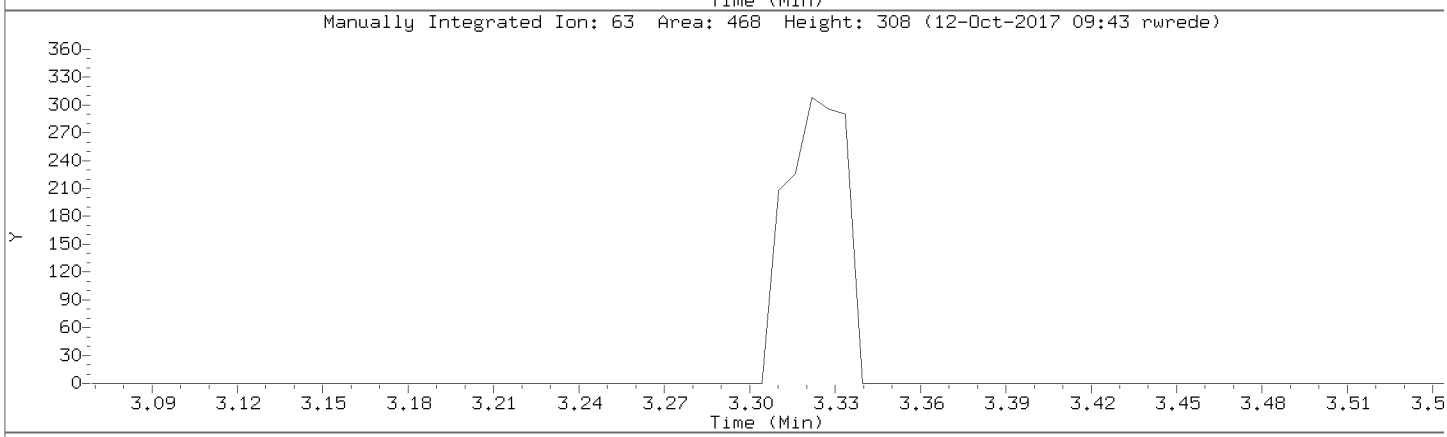
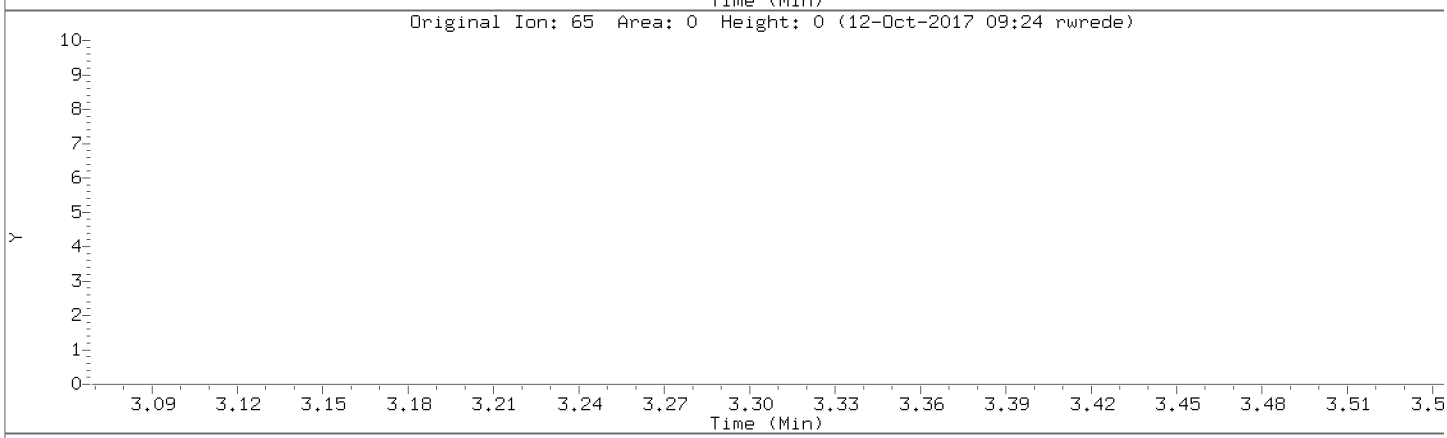
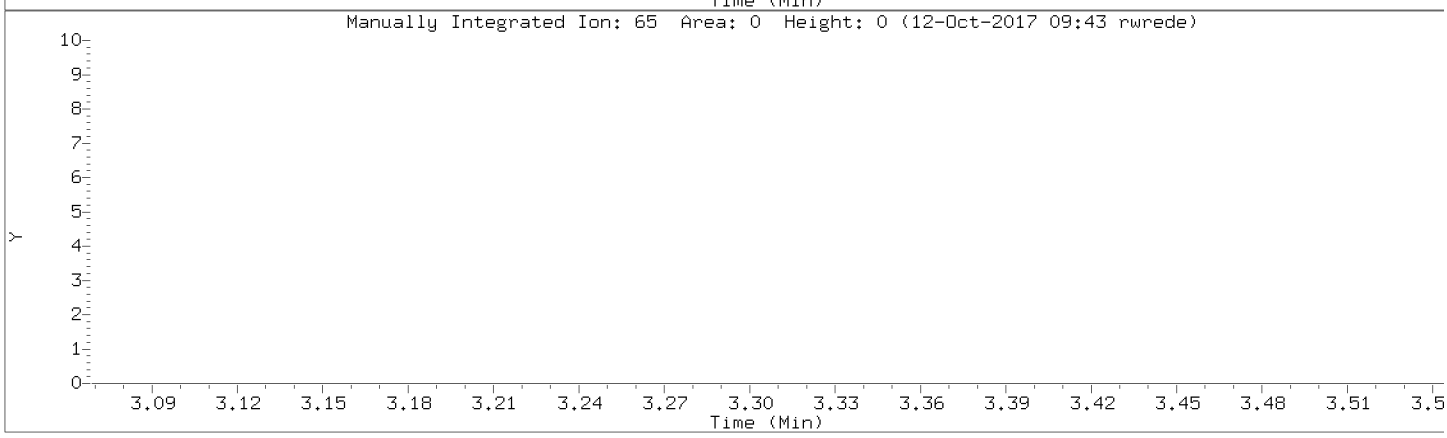
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1-Dichloroethane Review Code: NI
CAS Number: 75-34-3









Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
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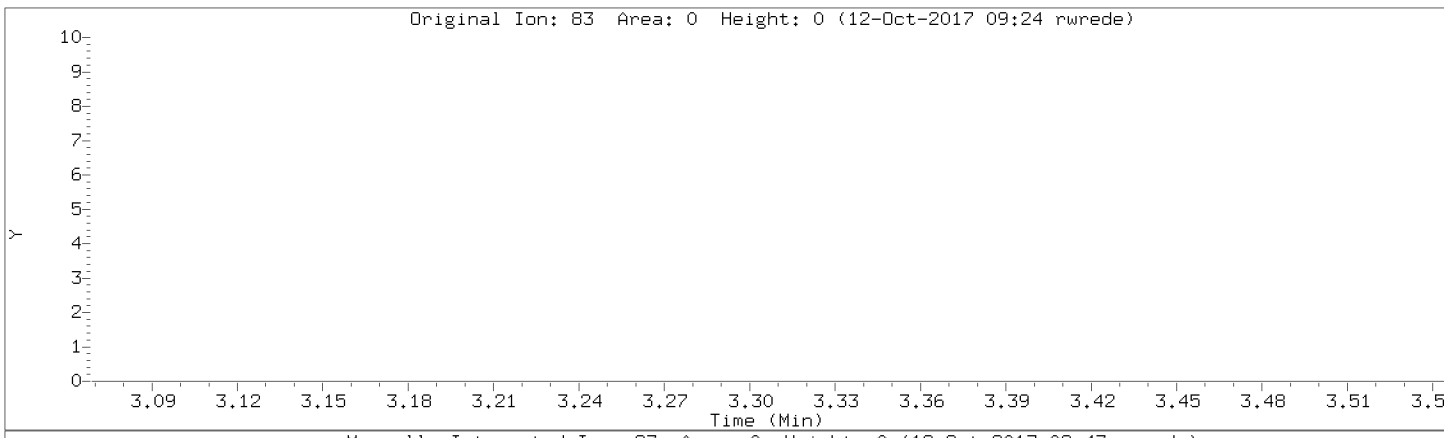
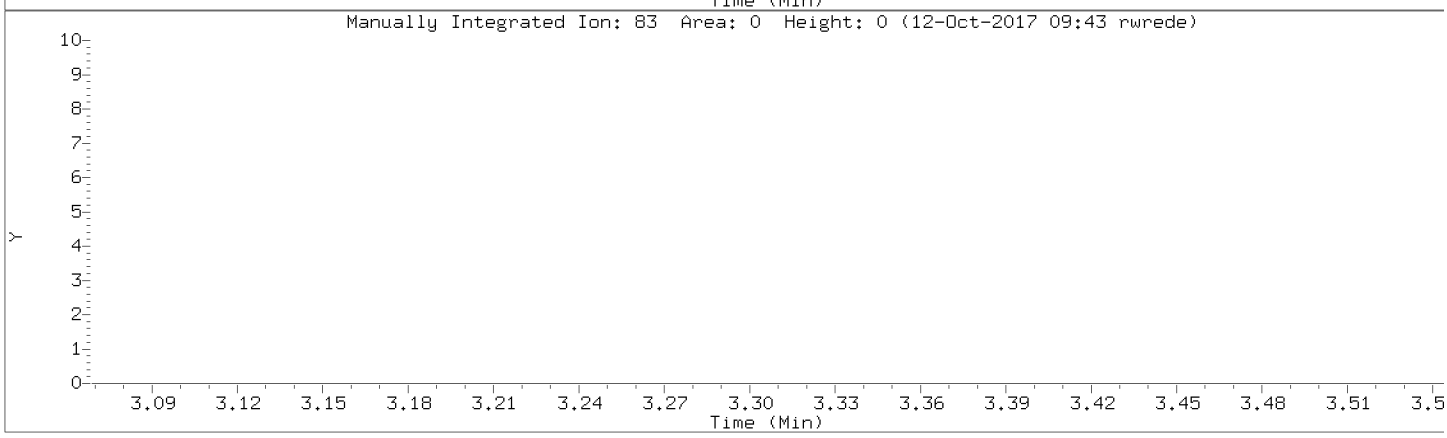
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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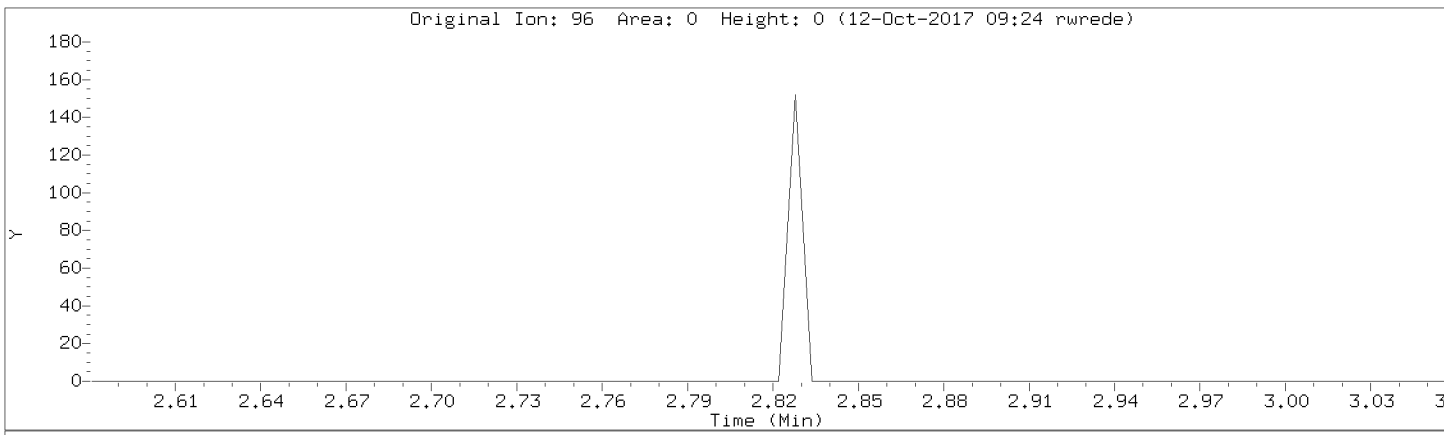
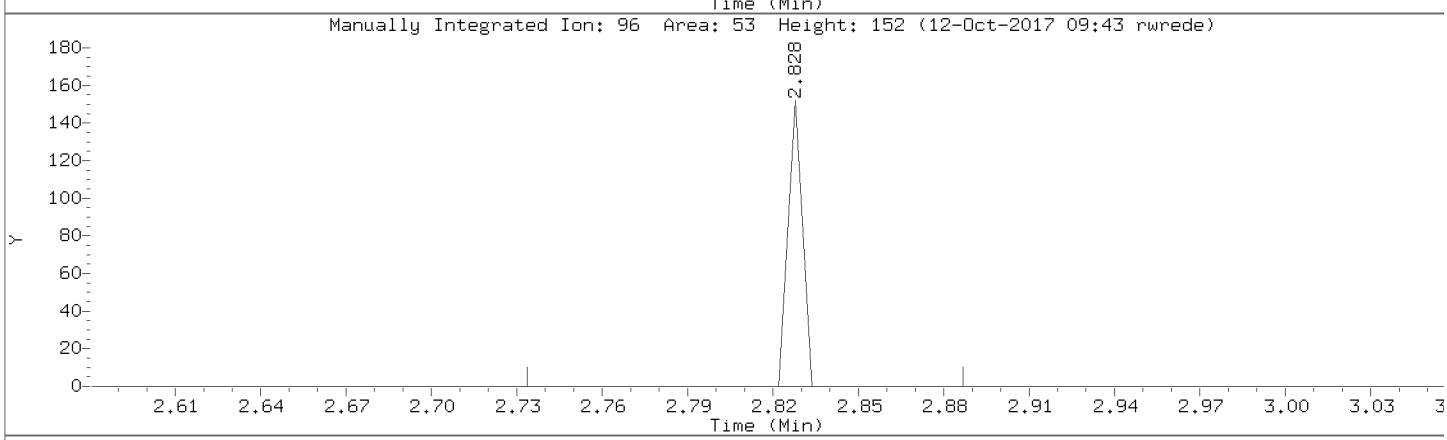
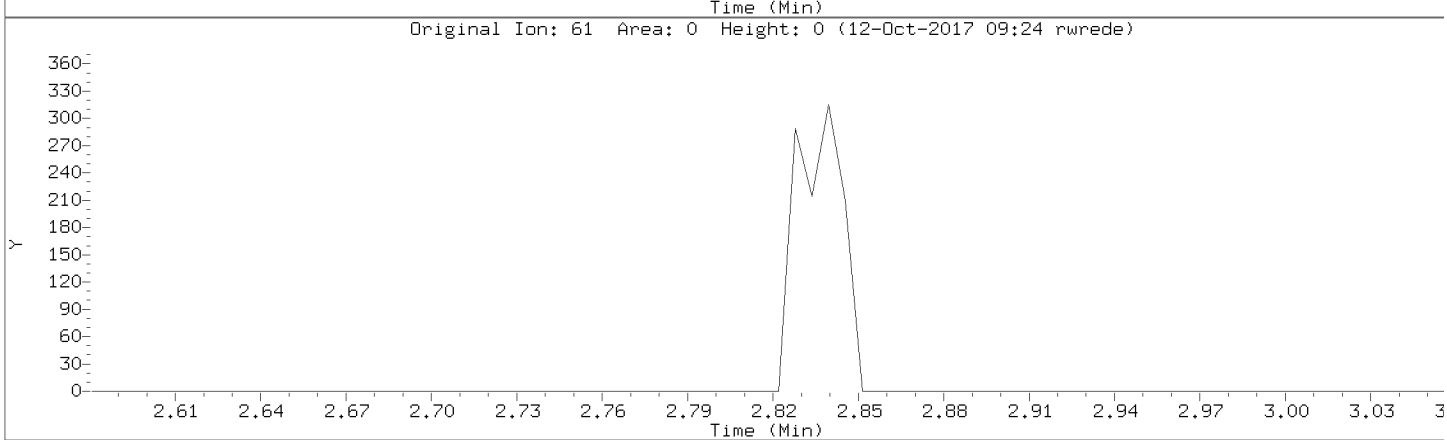
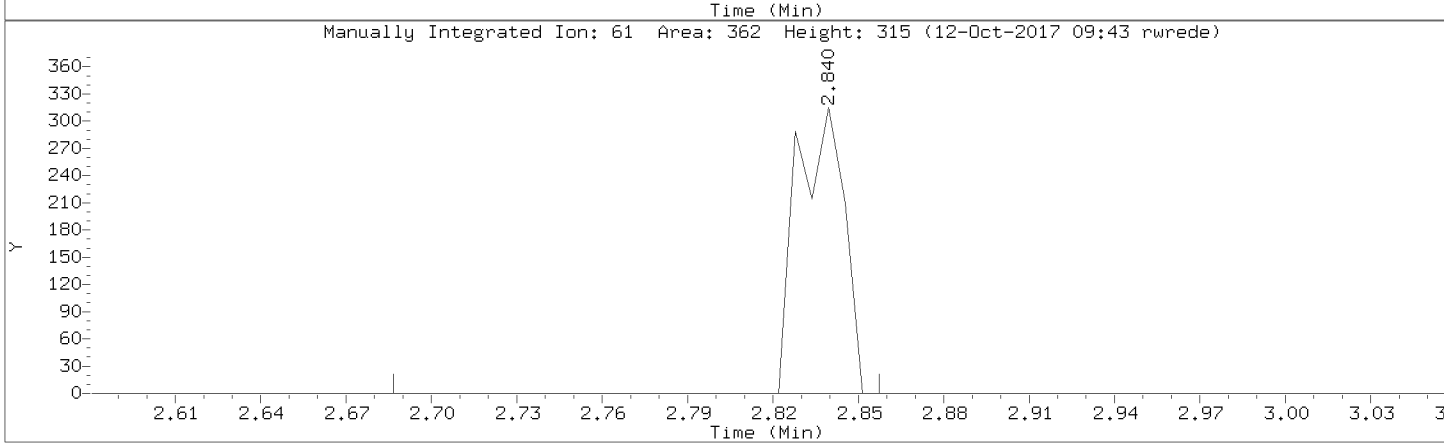
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-Dichloroethene (trans) Review Code: NI
CAS Number: 156-60-5









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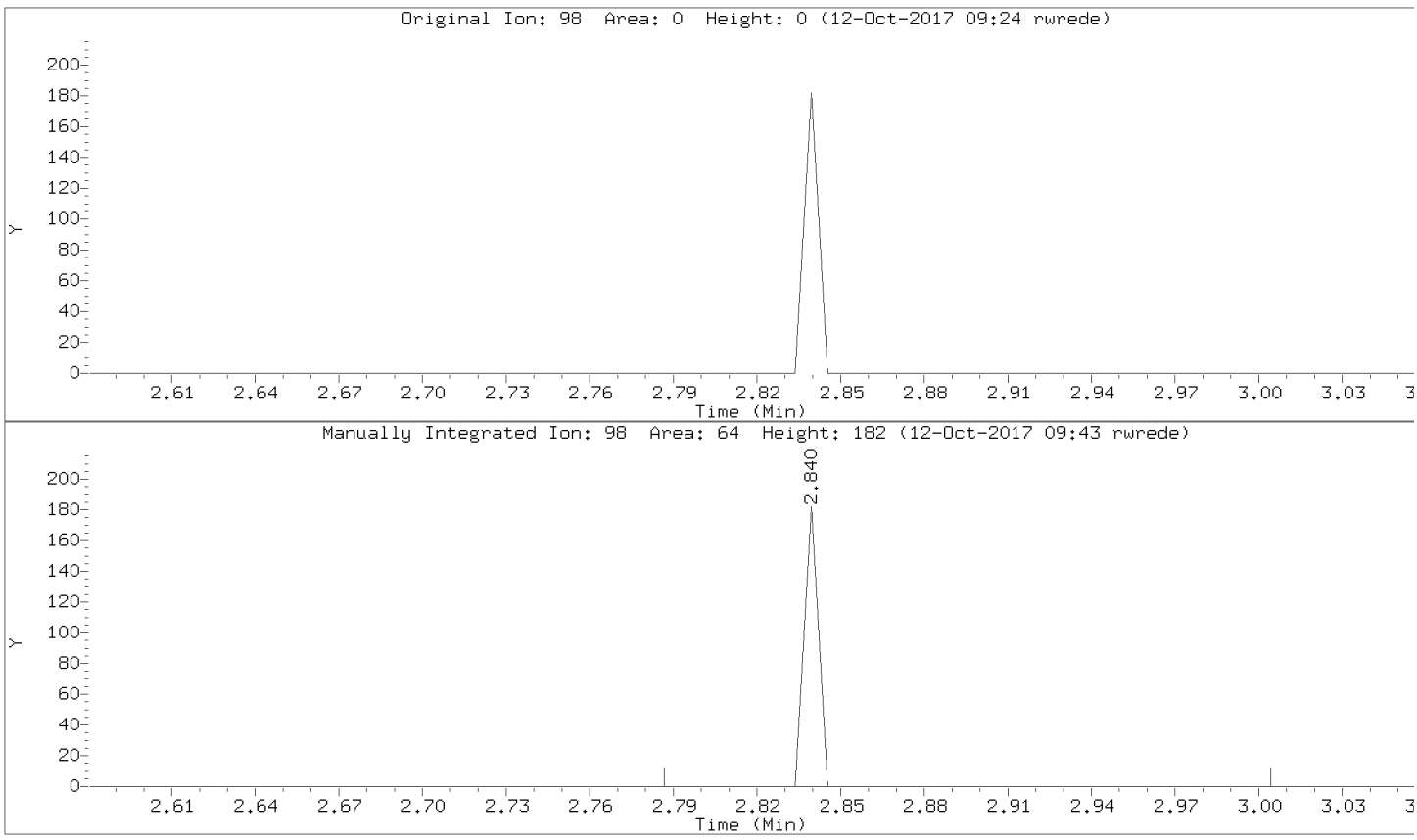
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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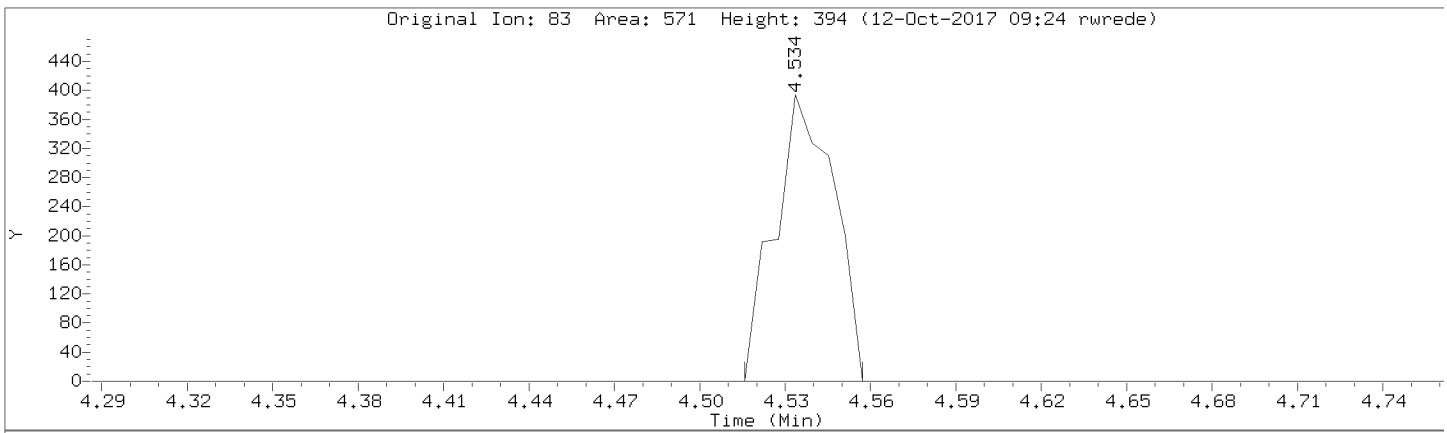
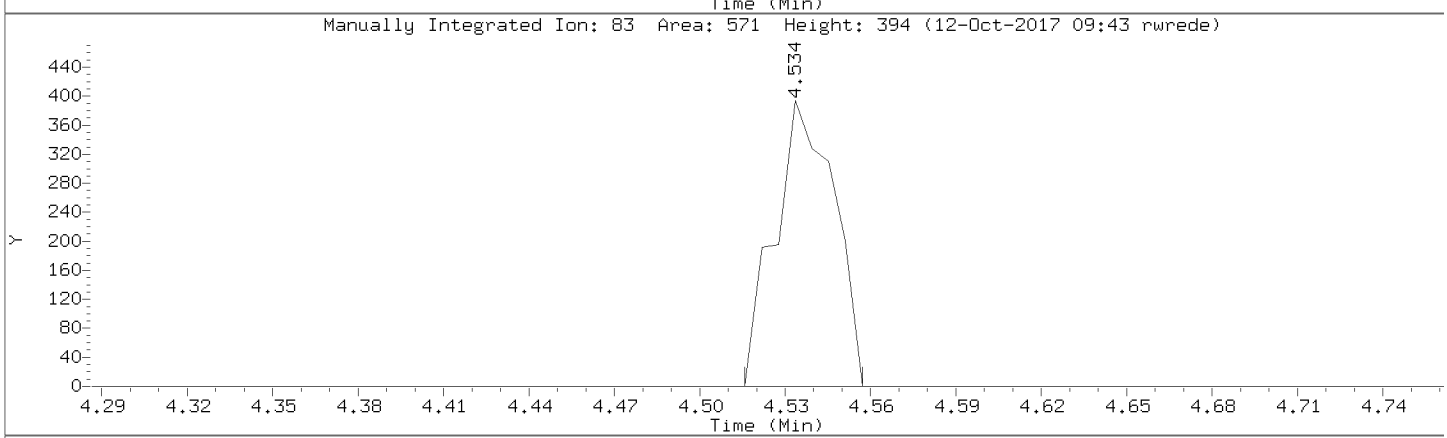
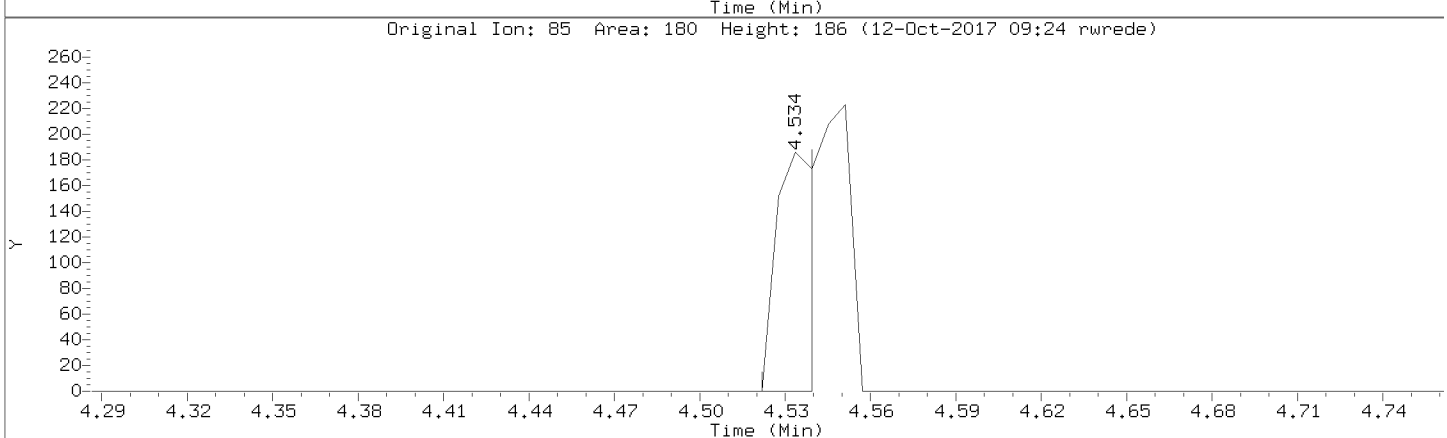
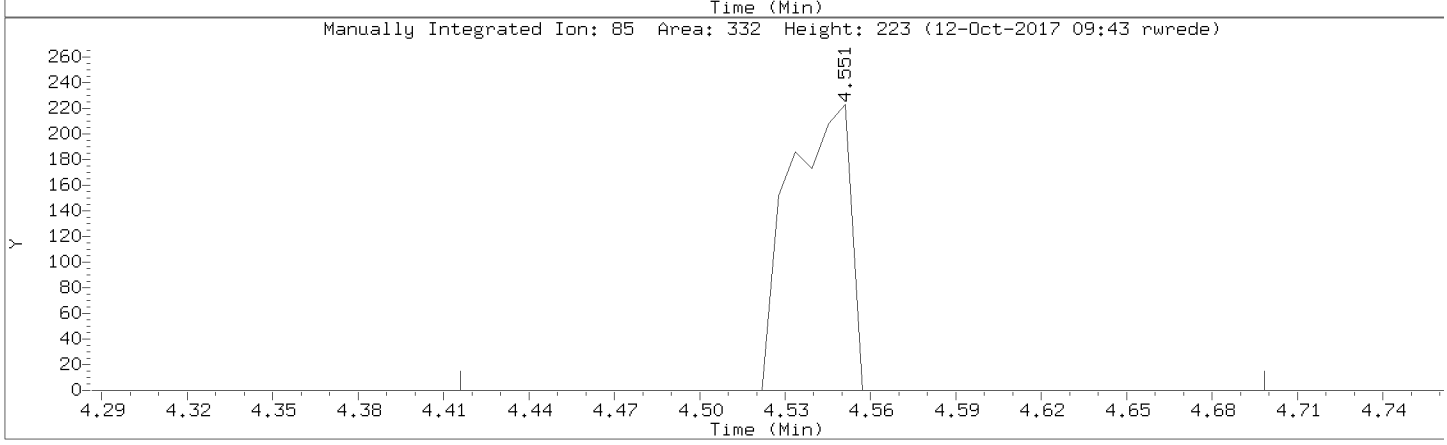
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Chloroform Review Code: LT
CAS Number: 67-66-3









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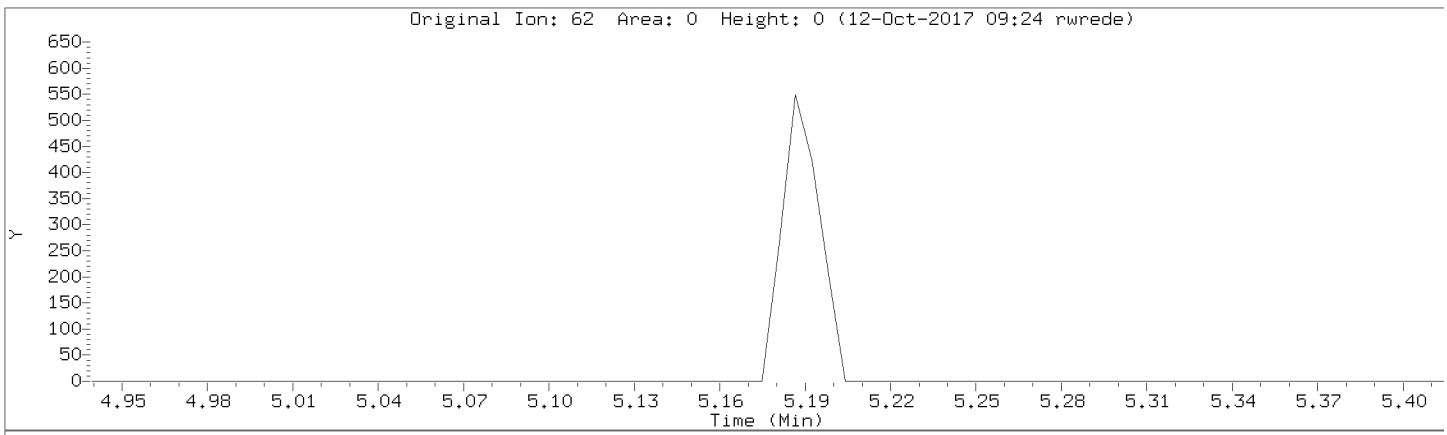
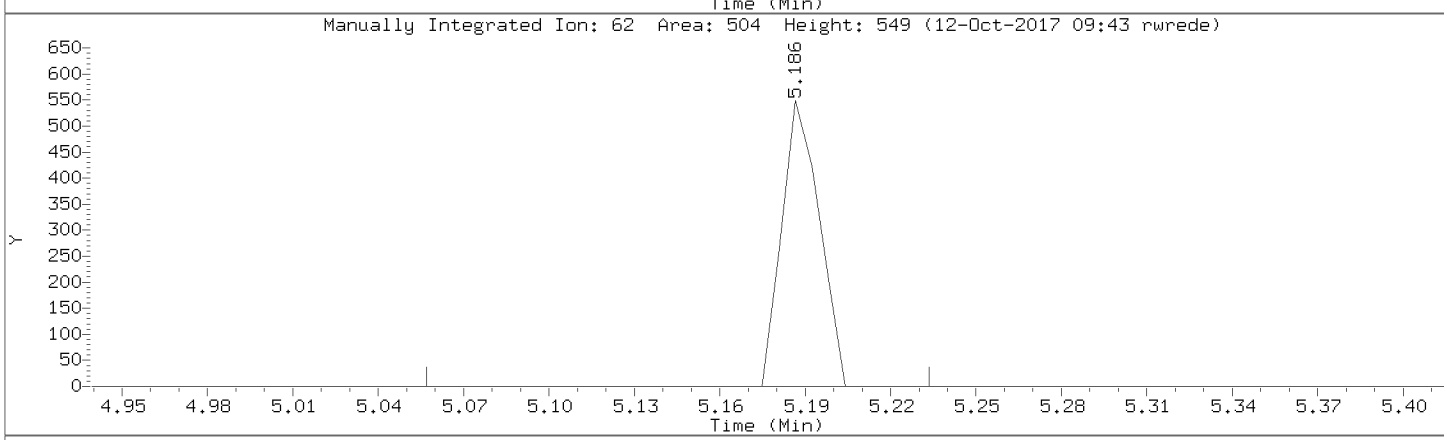
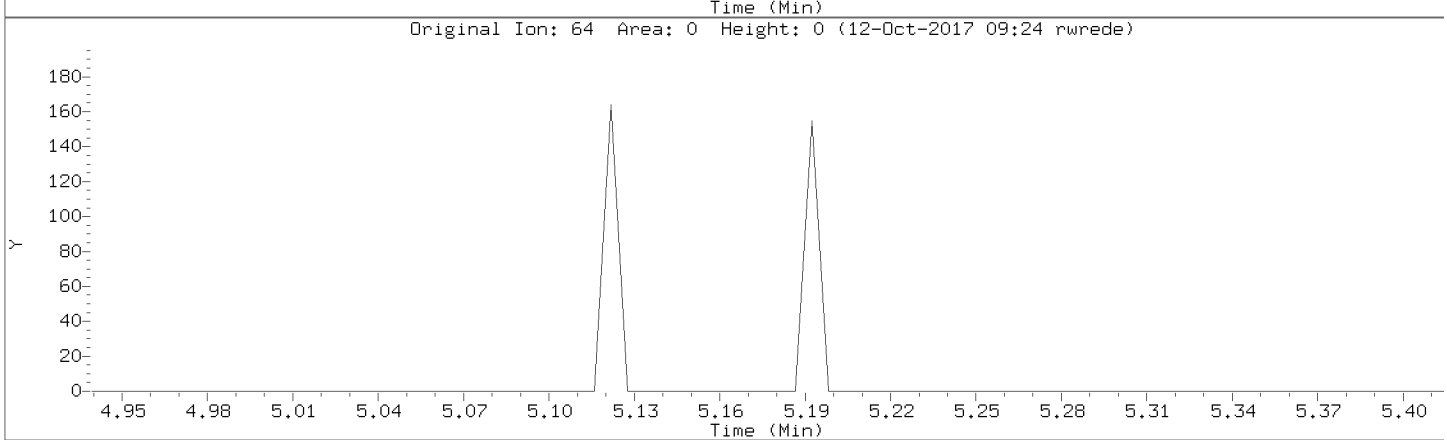
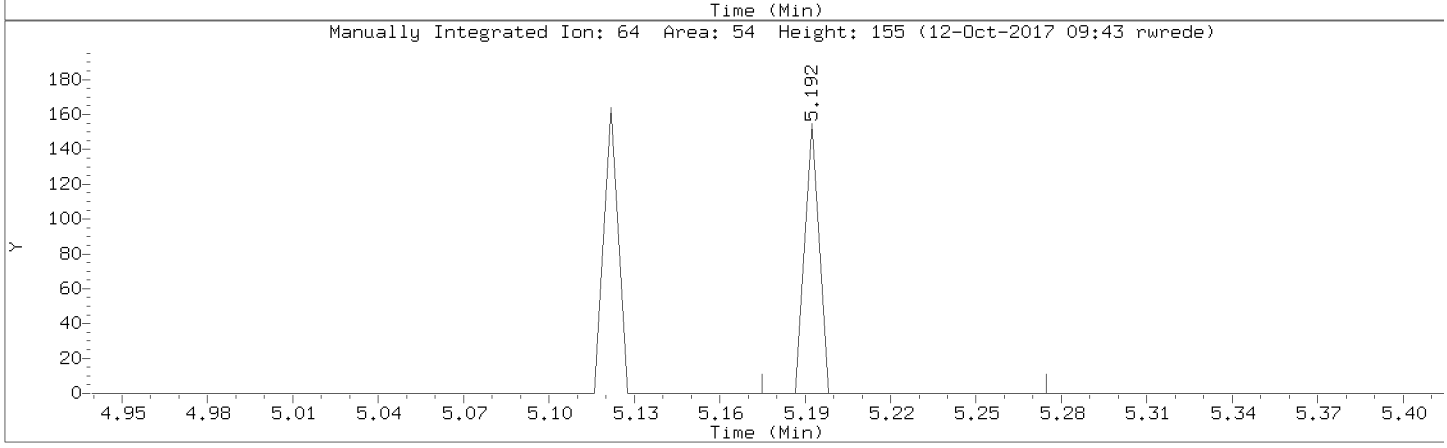
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2

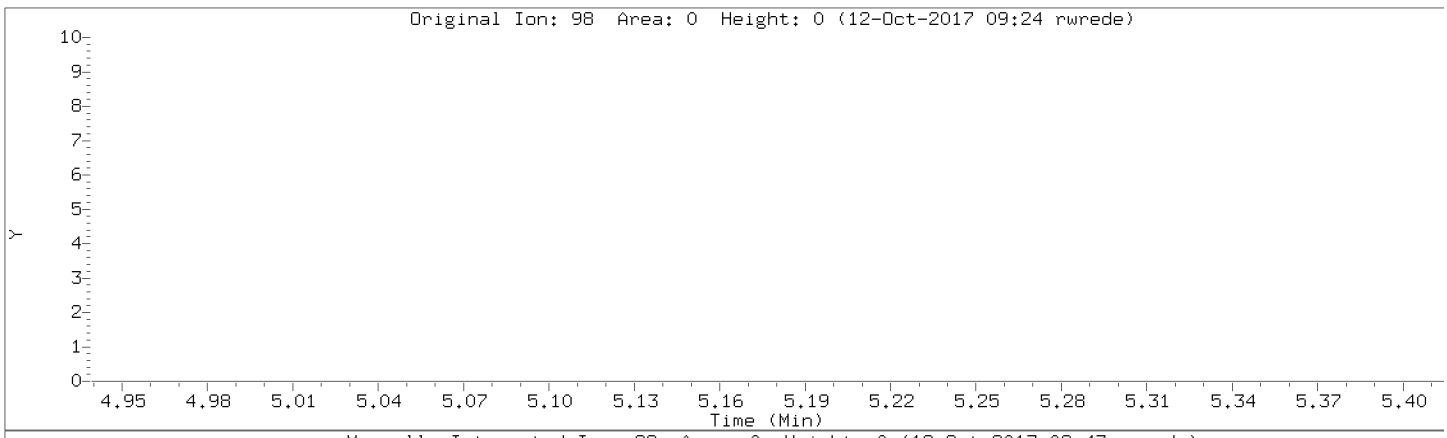


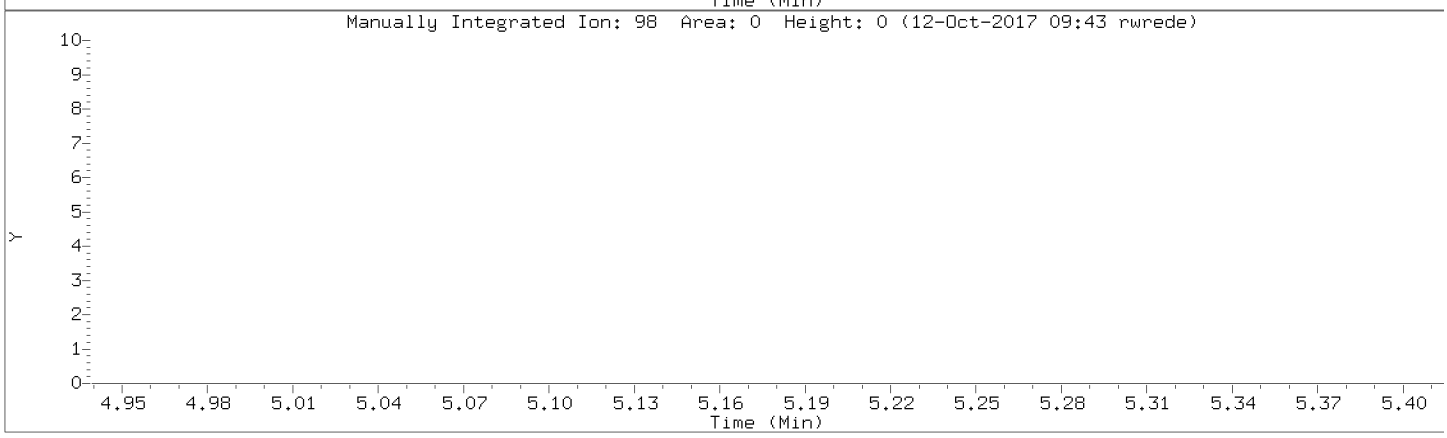






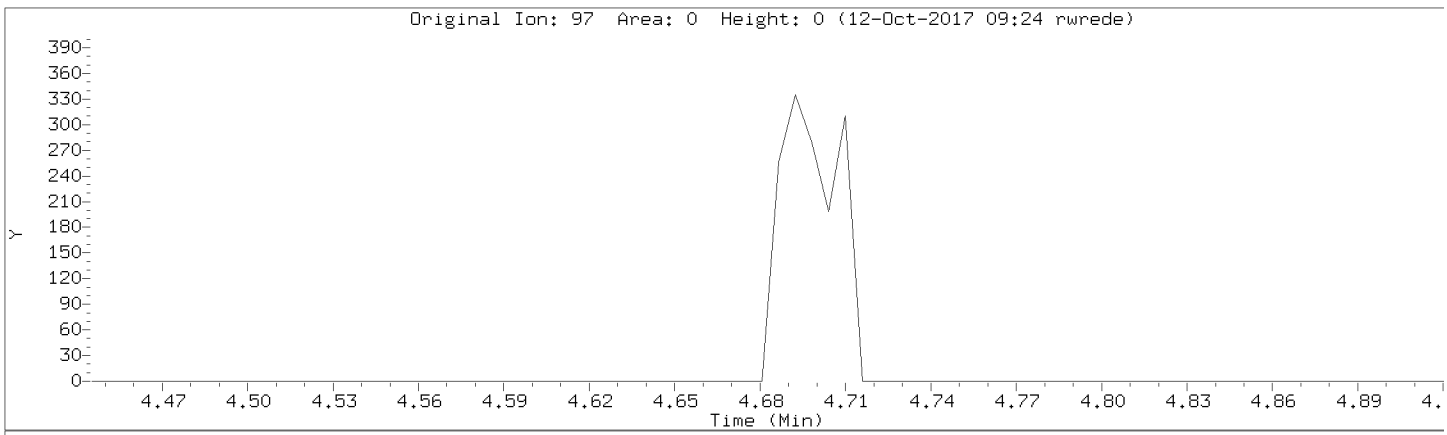
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

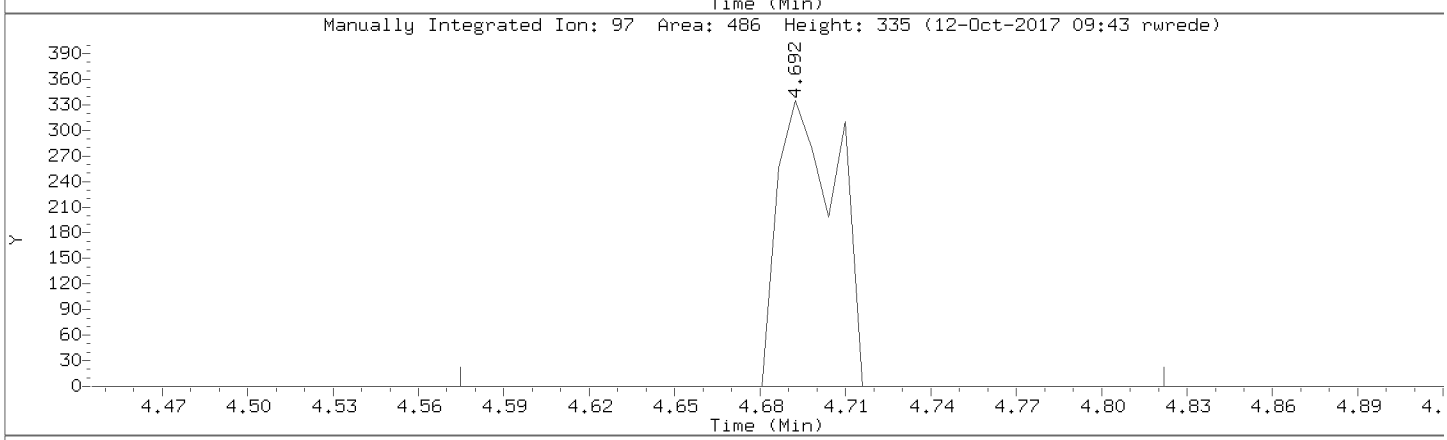


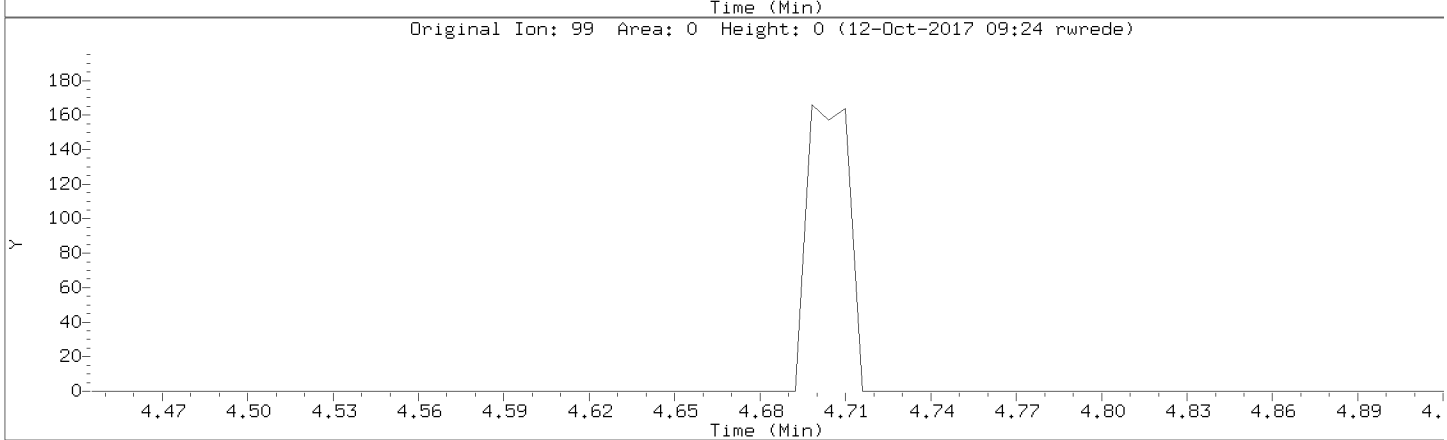


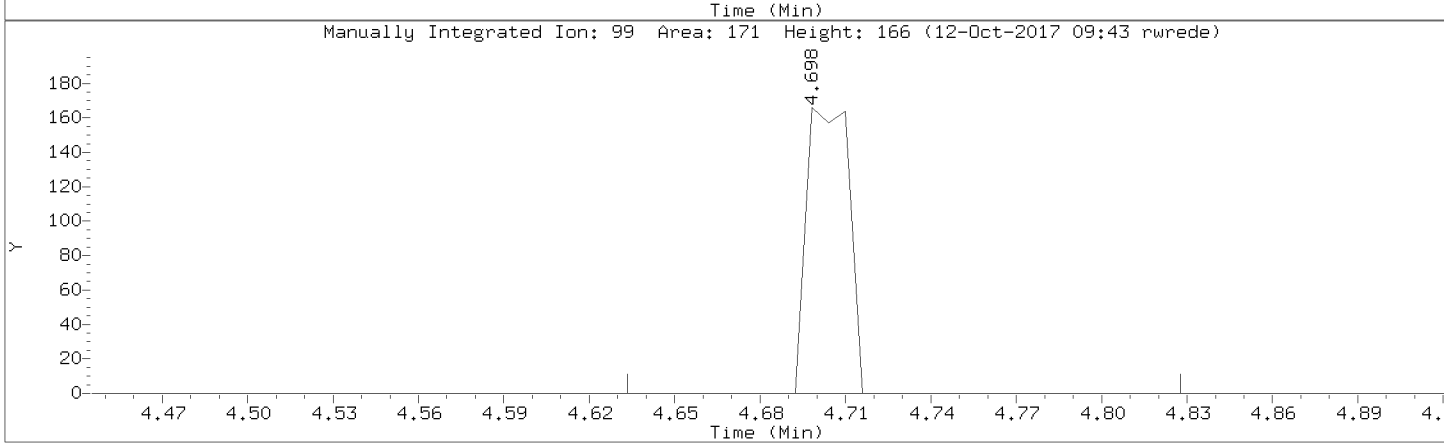
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1,1-Trichloroethane Review Code: NI
CAS Number: 71-55-6

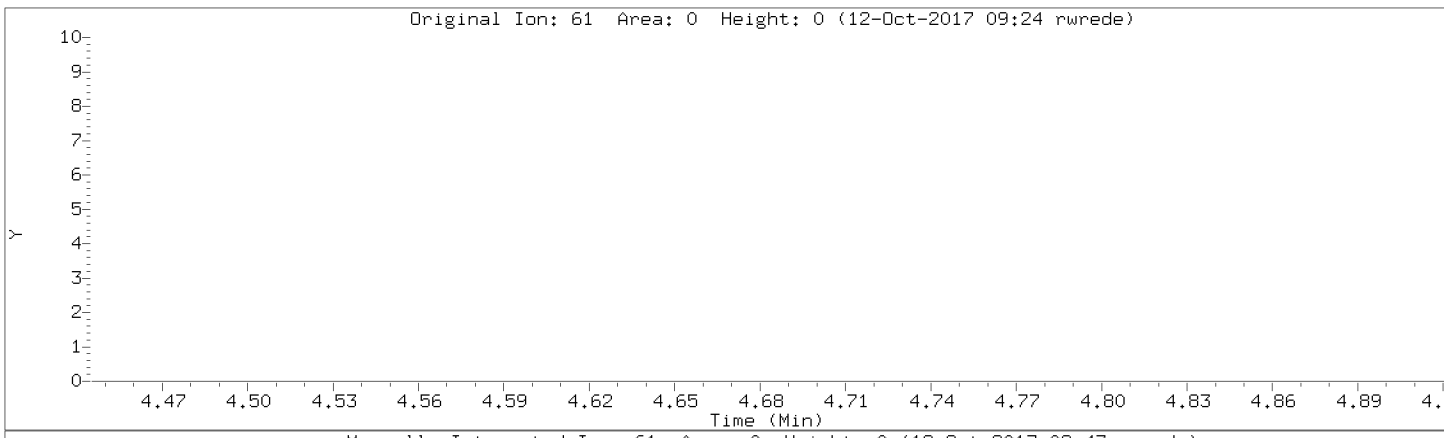


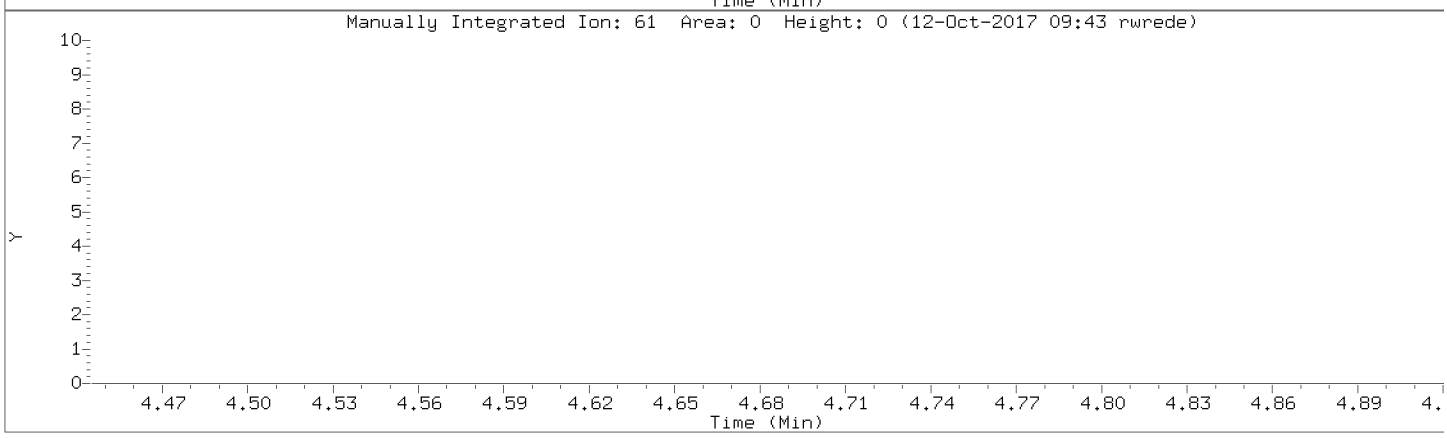






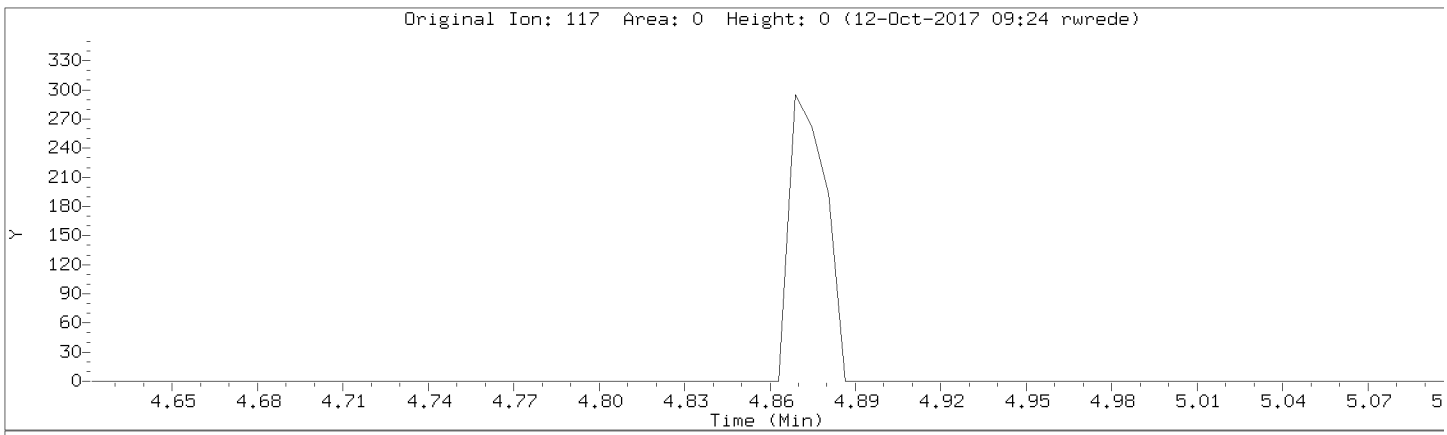
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

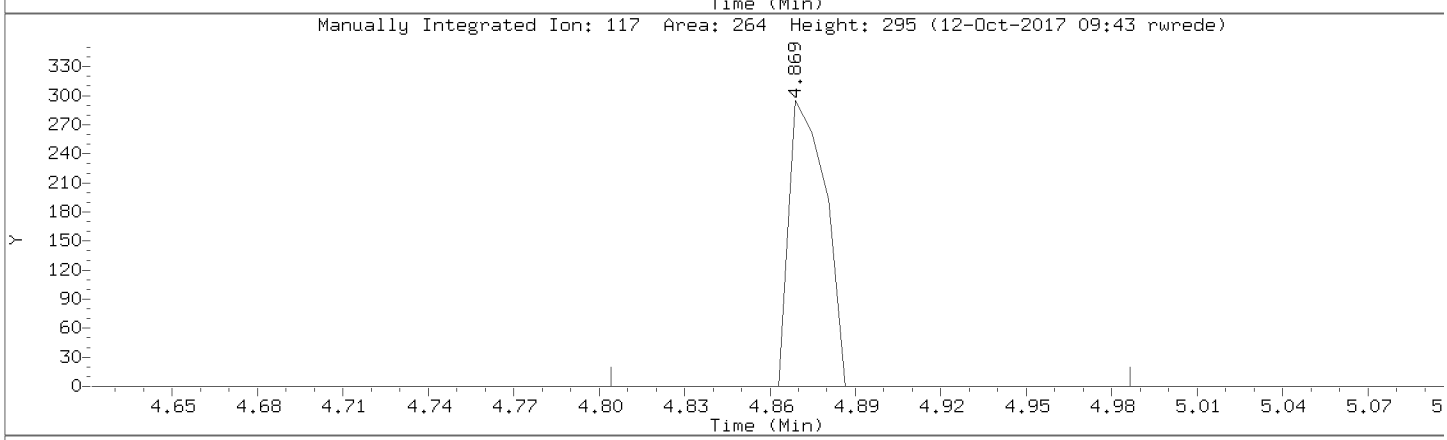


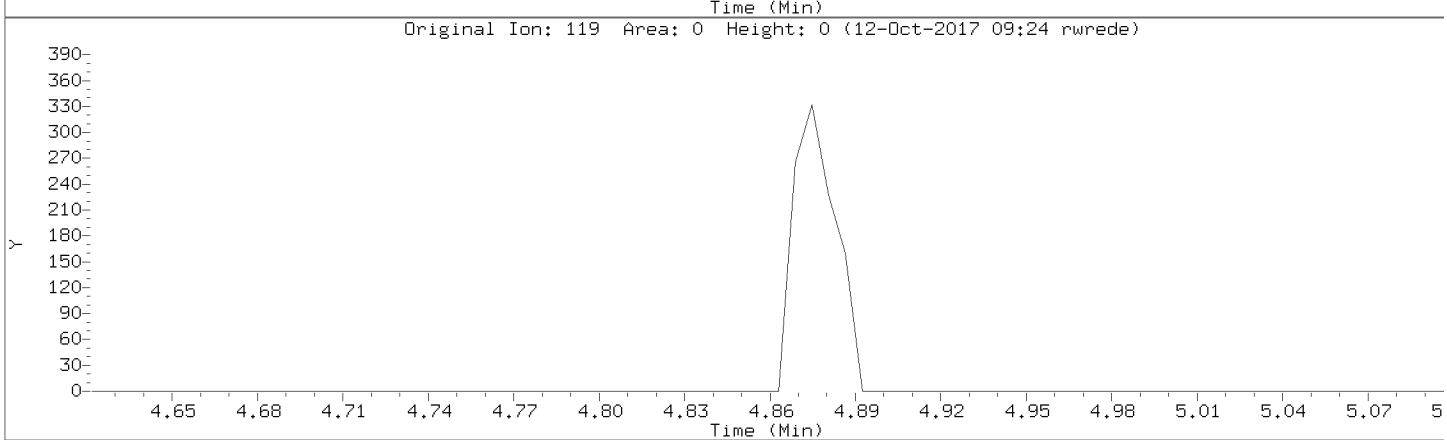


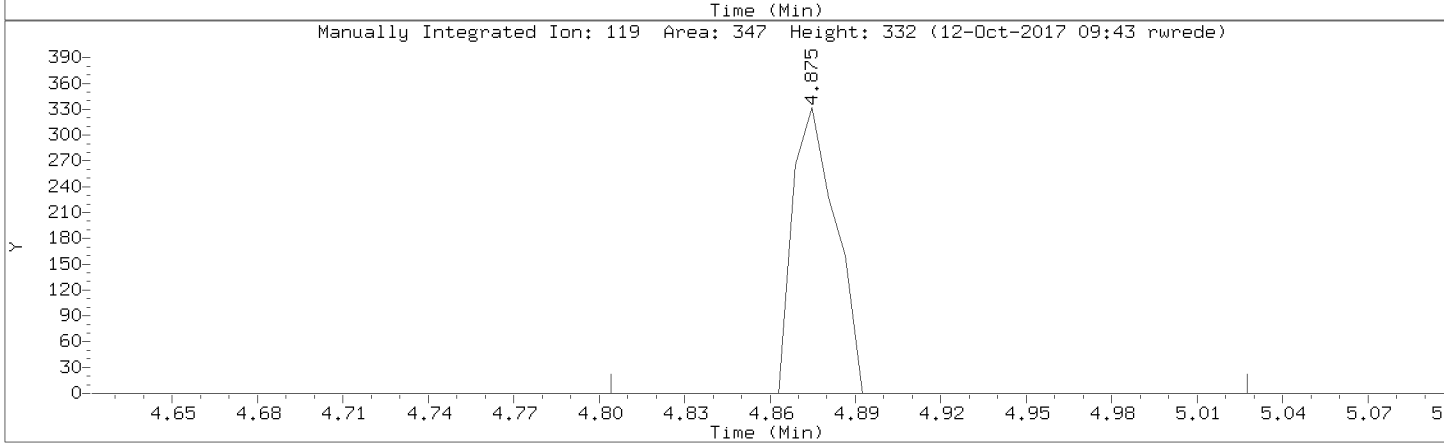
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Carbon Tetrachloride Review Code: NI
CAS Number: 56-23-5

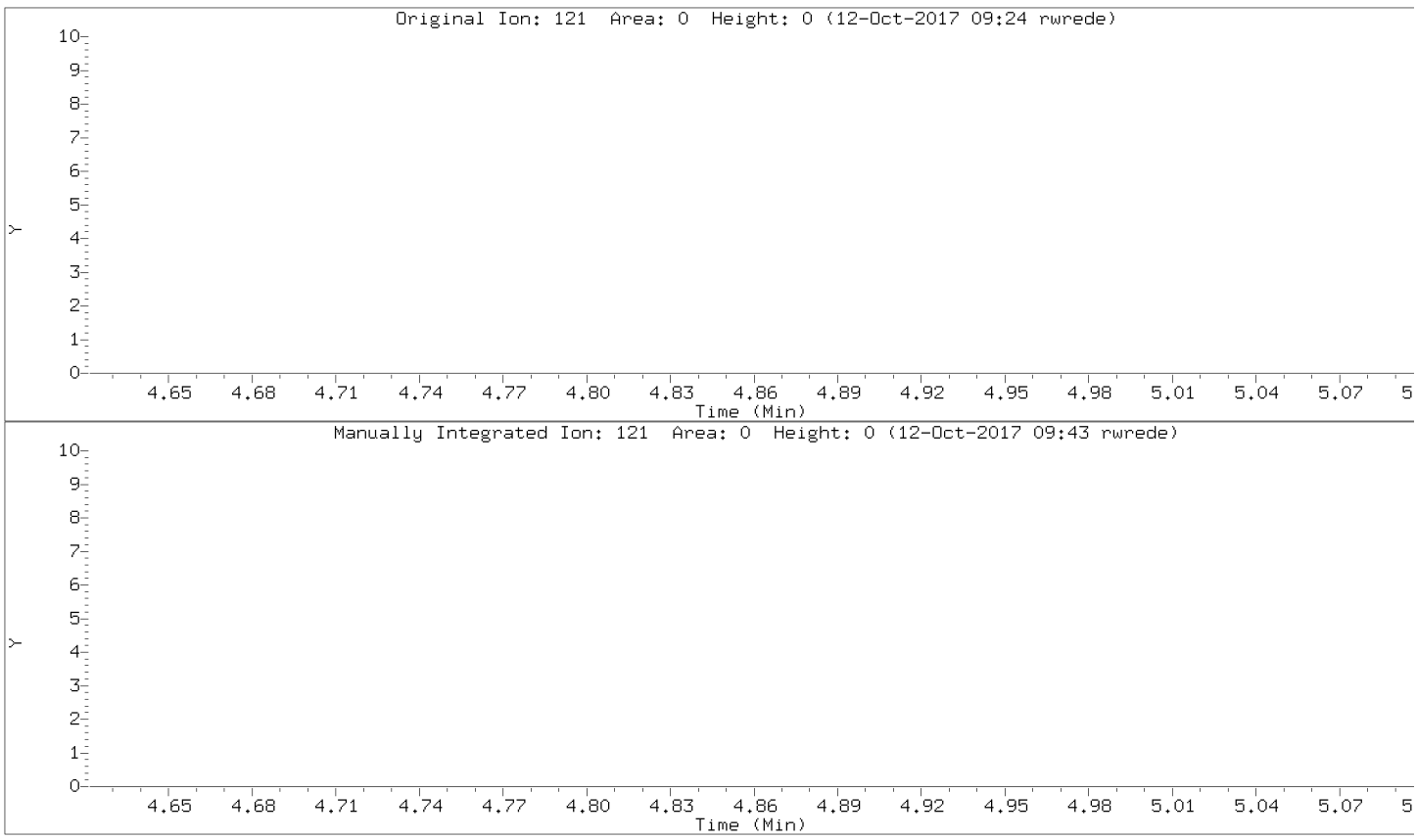








Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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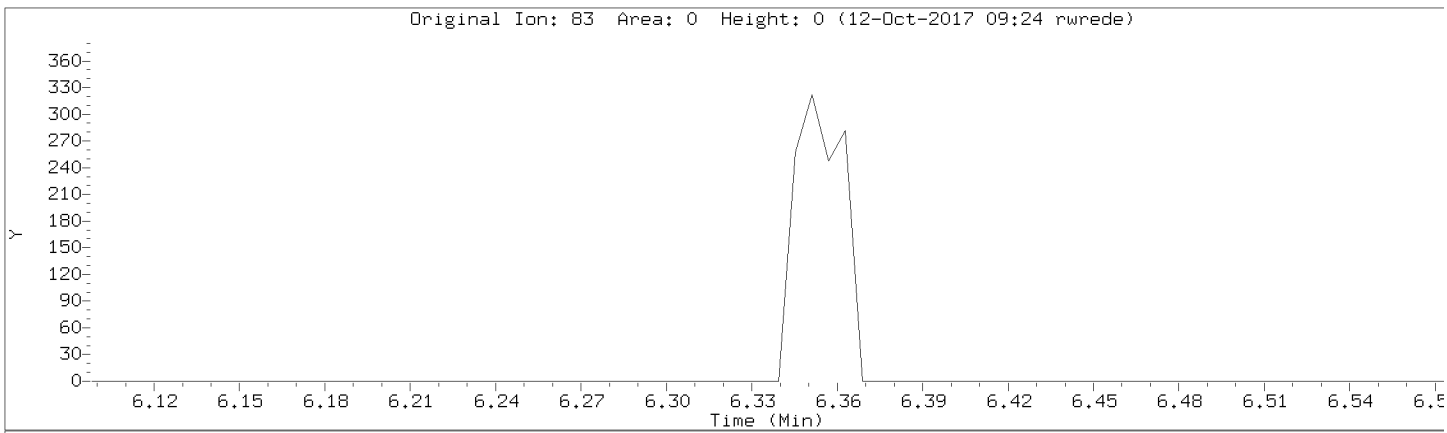
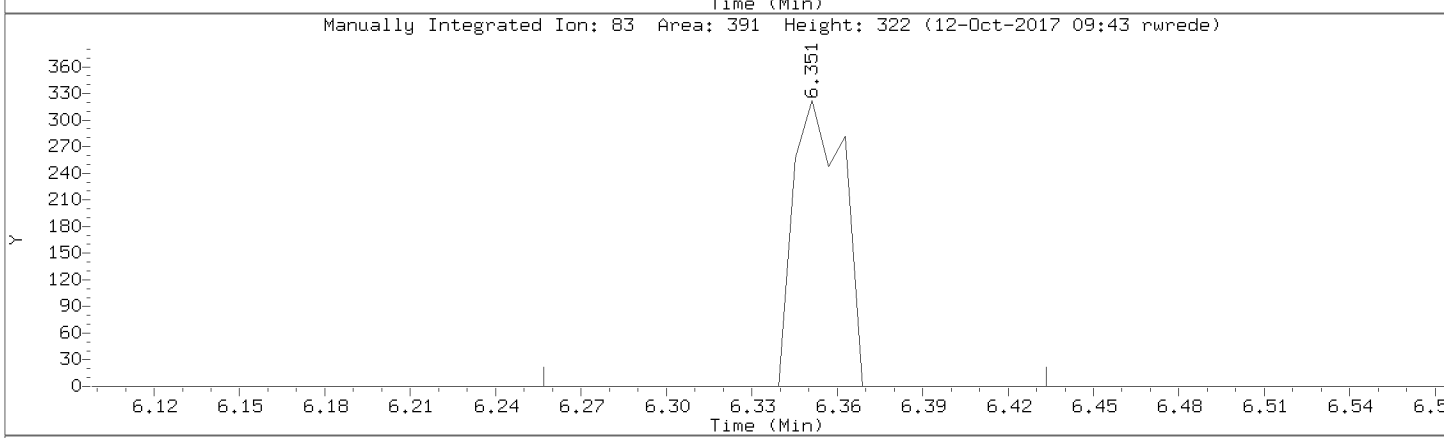
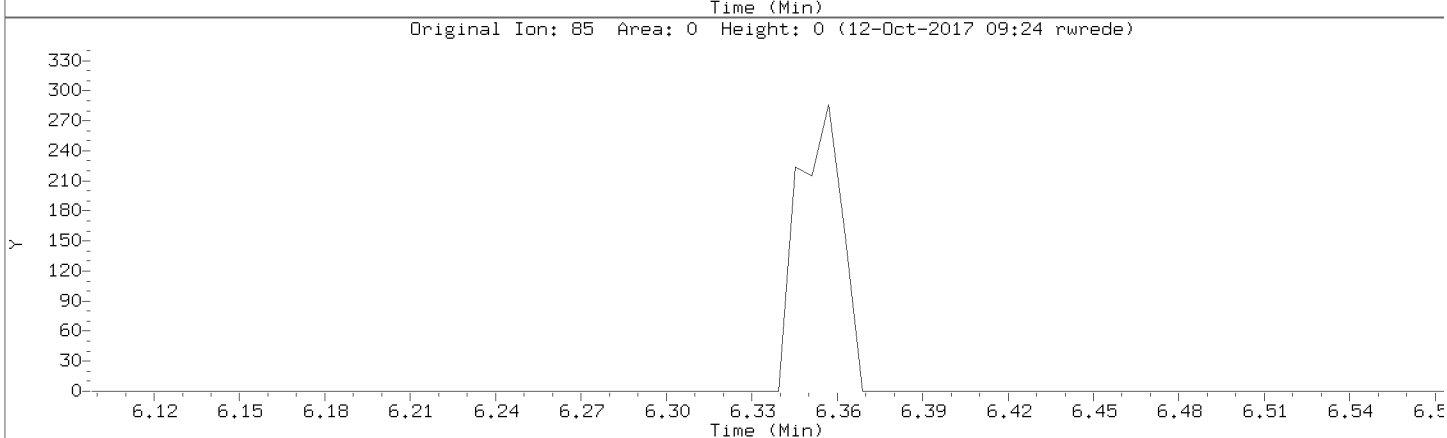
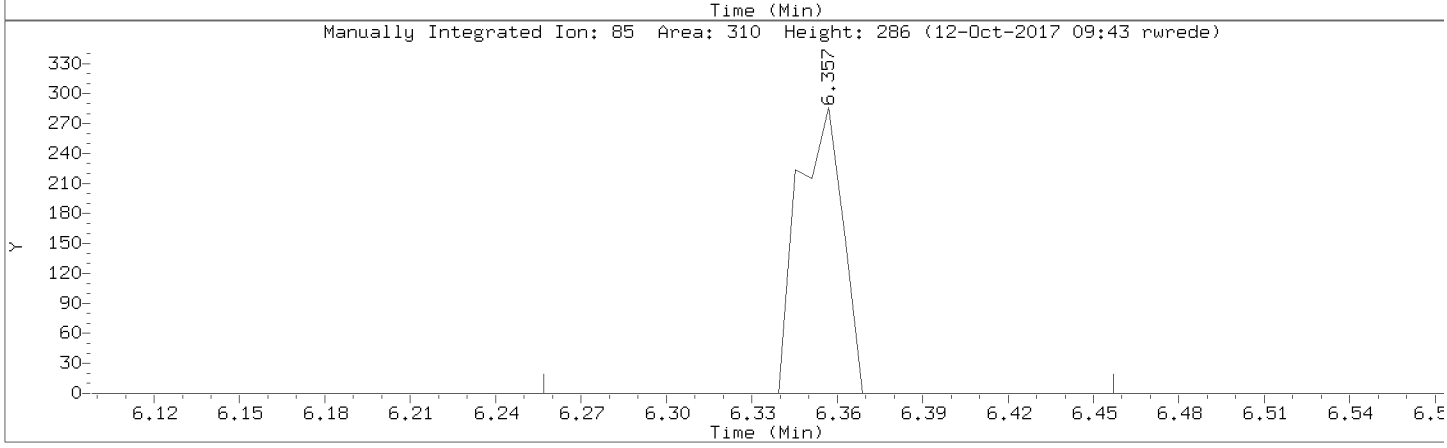
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Bromodichloromethane Review Code: NI
CAS Number: 75-27-4









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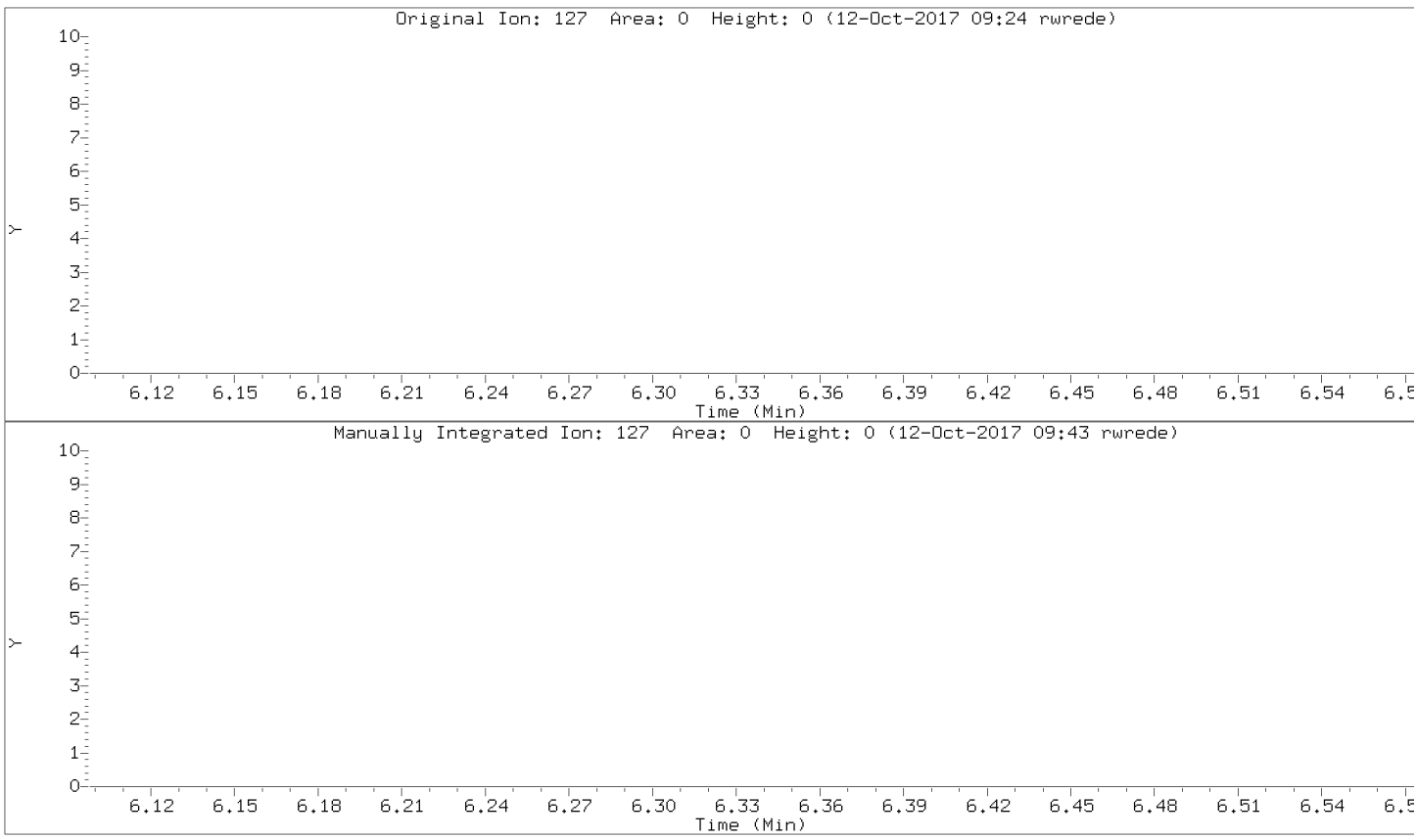
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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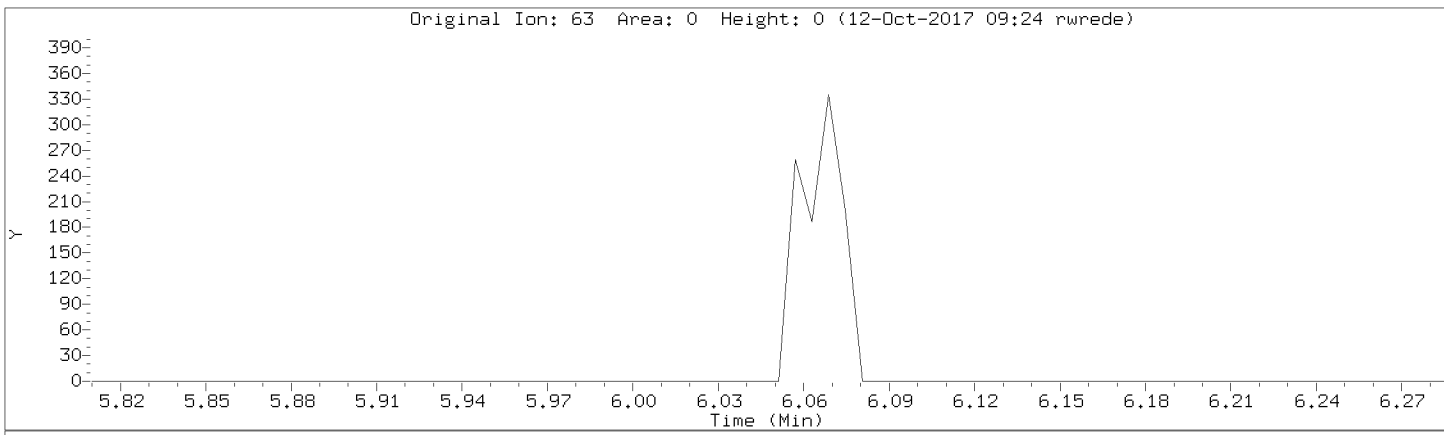
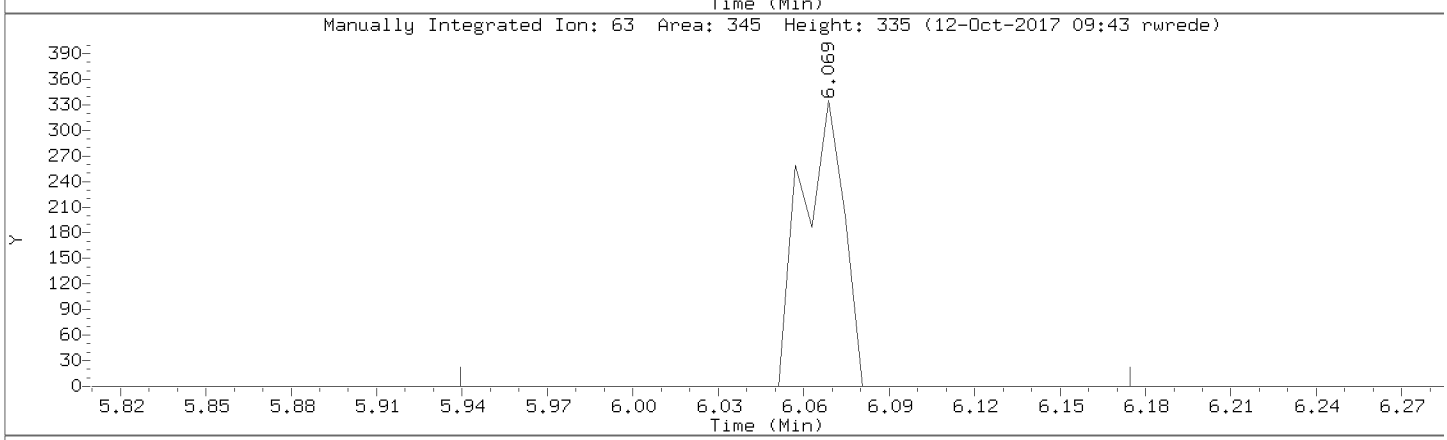
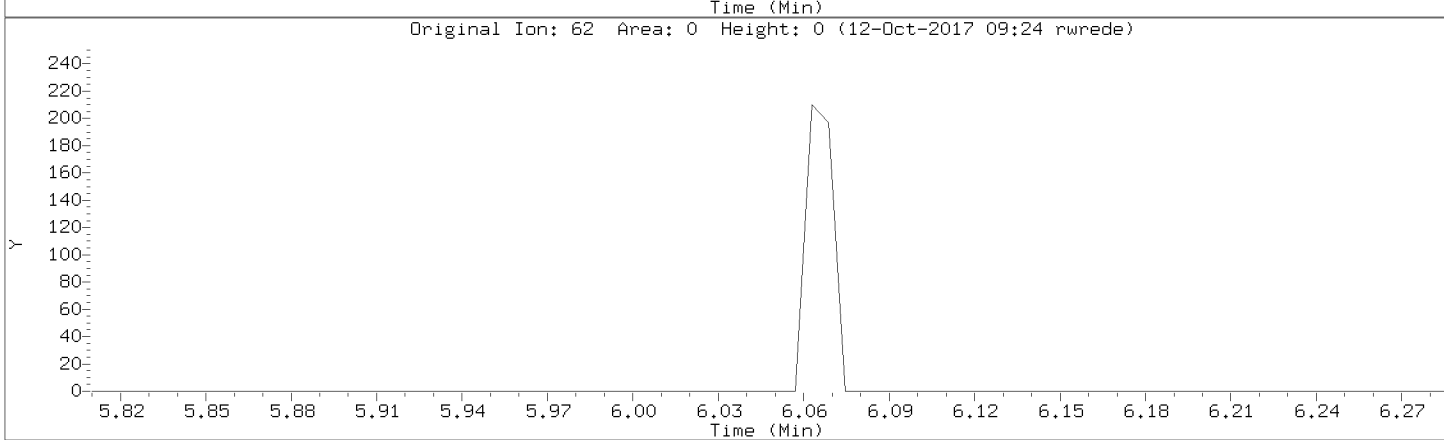
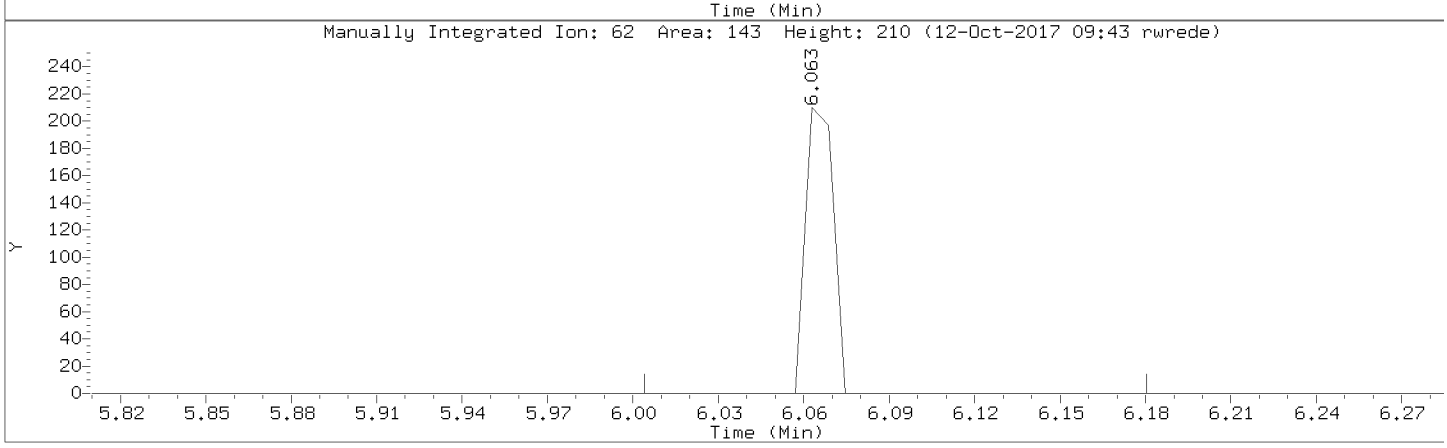
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-Dichloropropane Review Code: NI
CAS Number: 78-87-5









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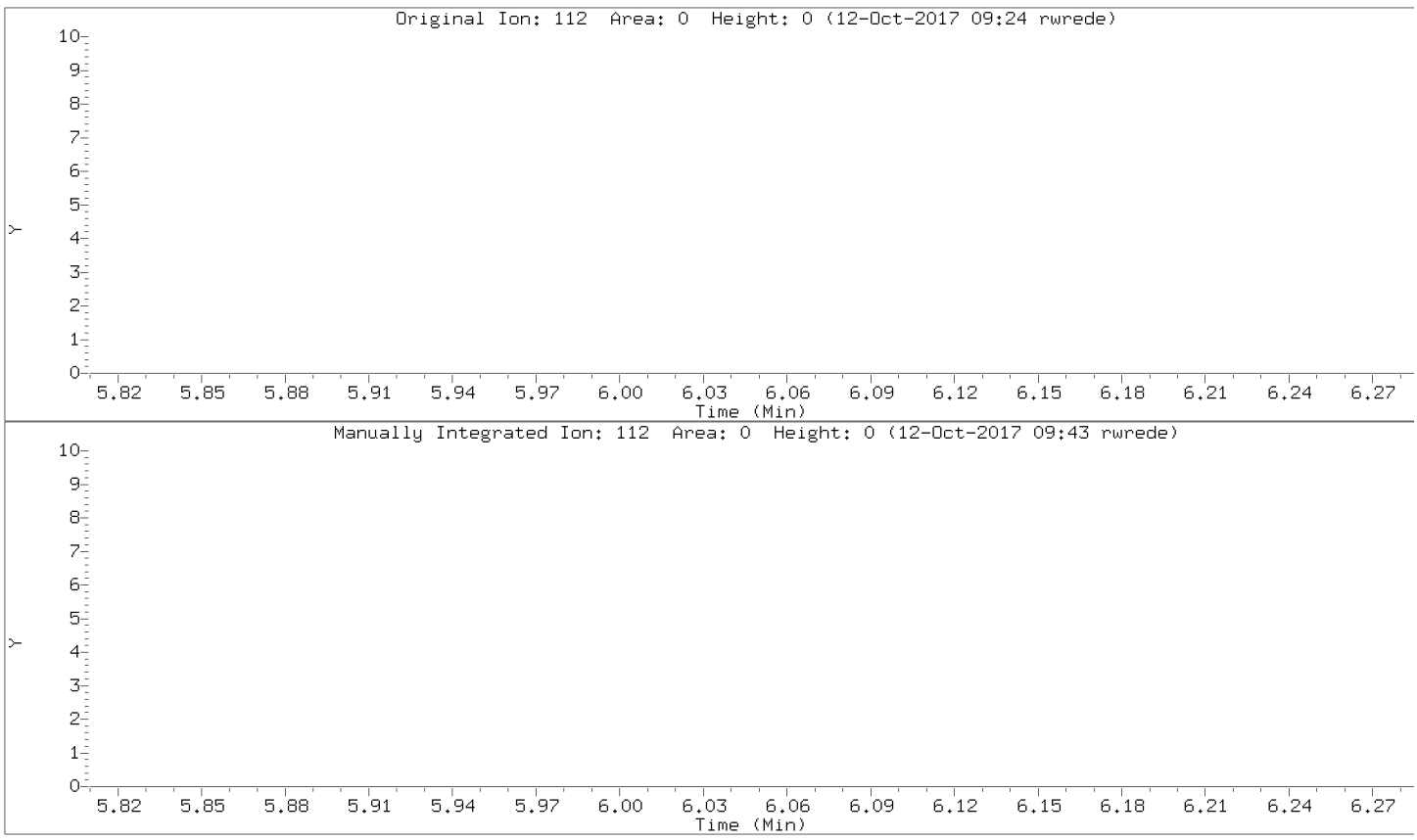
Lab Sample ID: 8260-CAL2



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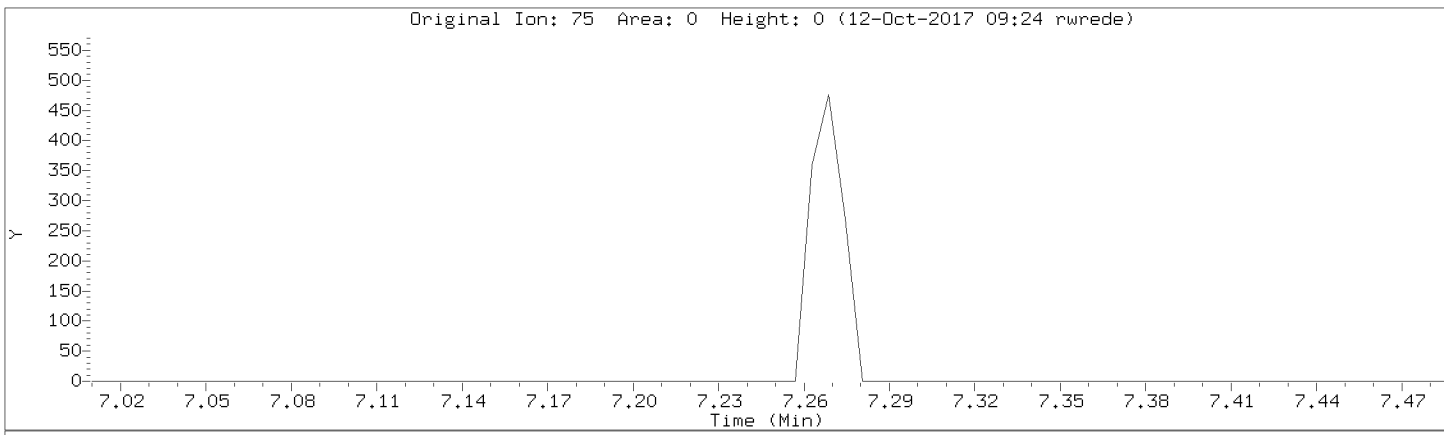
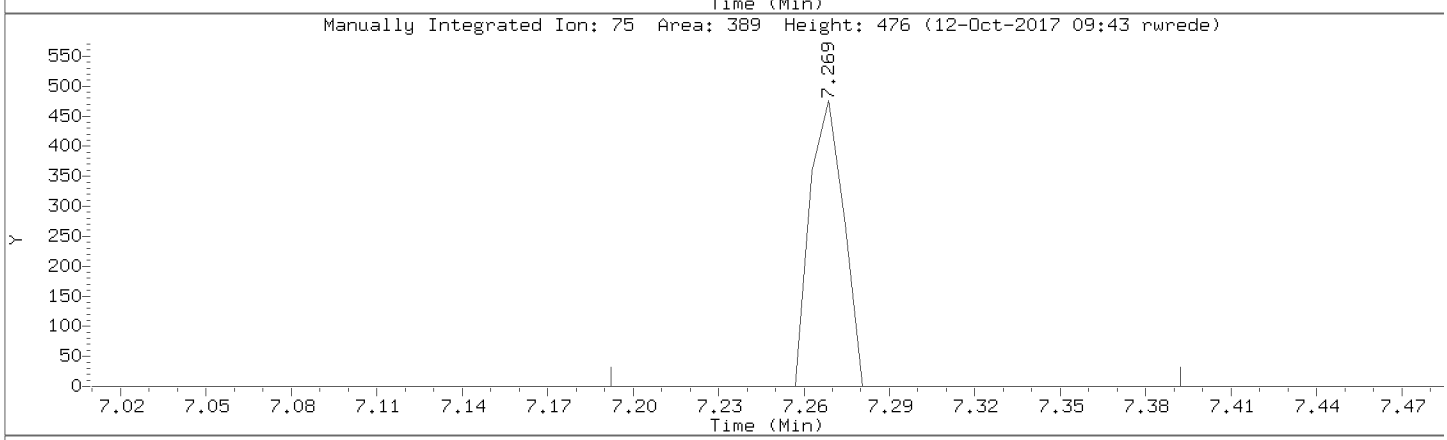
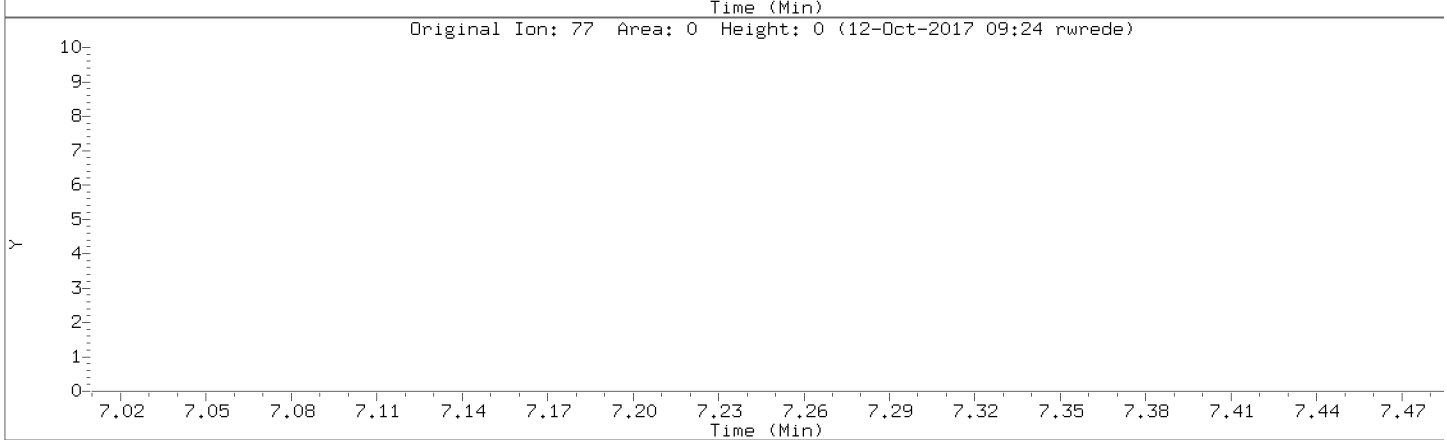
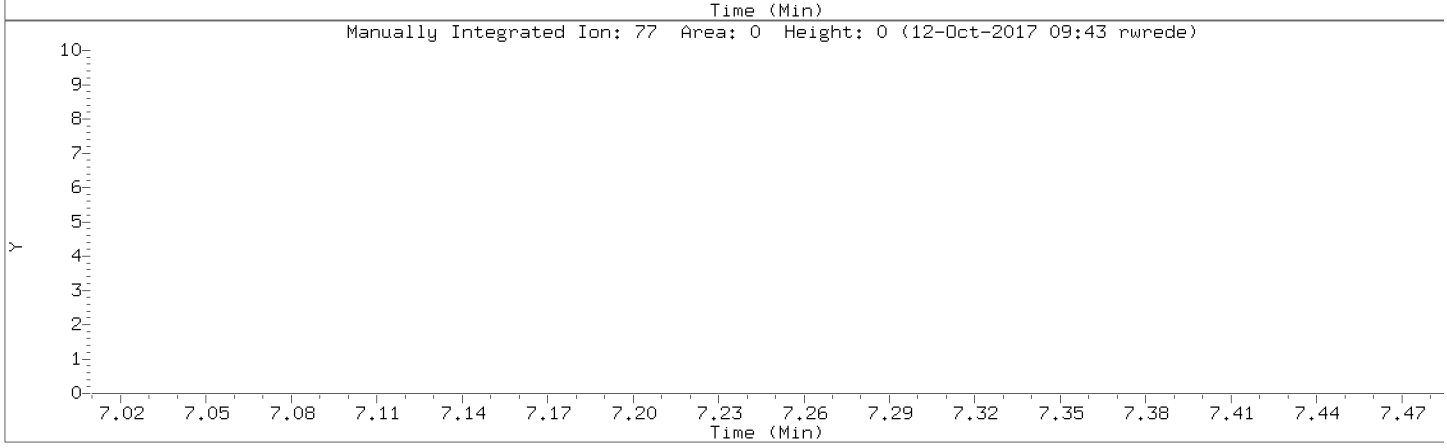
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: trans-1,3-Dichloropropene Review Code: NI
CAS Number: 10061-02-6









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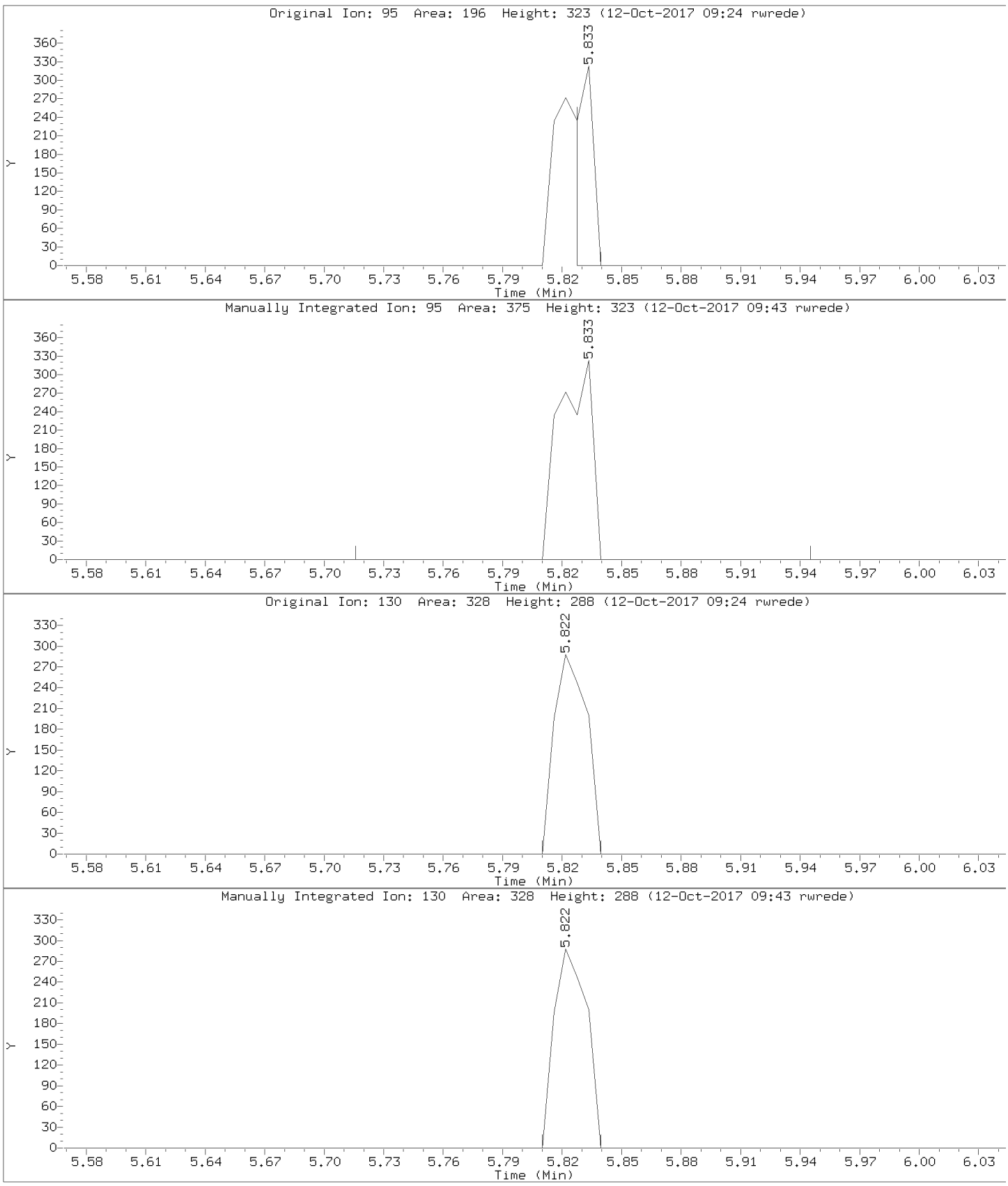
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Trichloroethene Review Code: LT
CAS Number: 79-01-6



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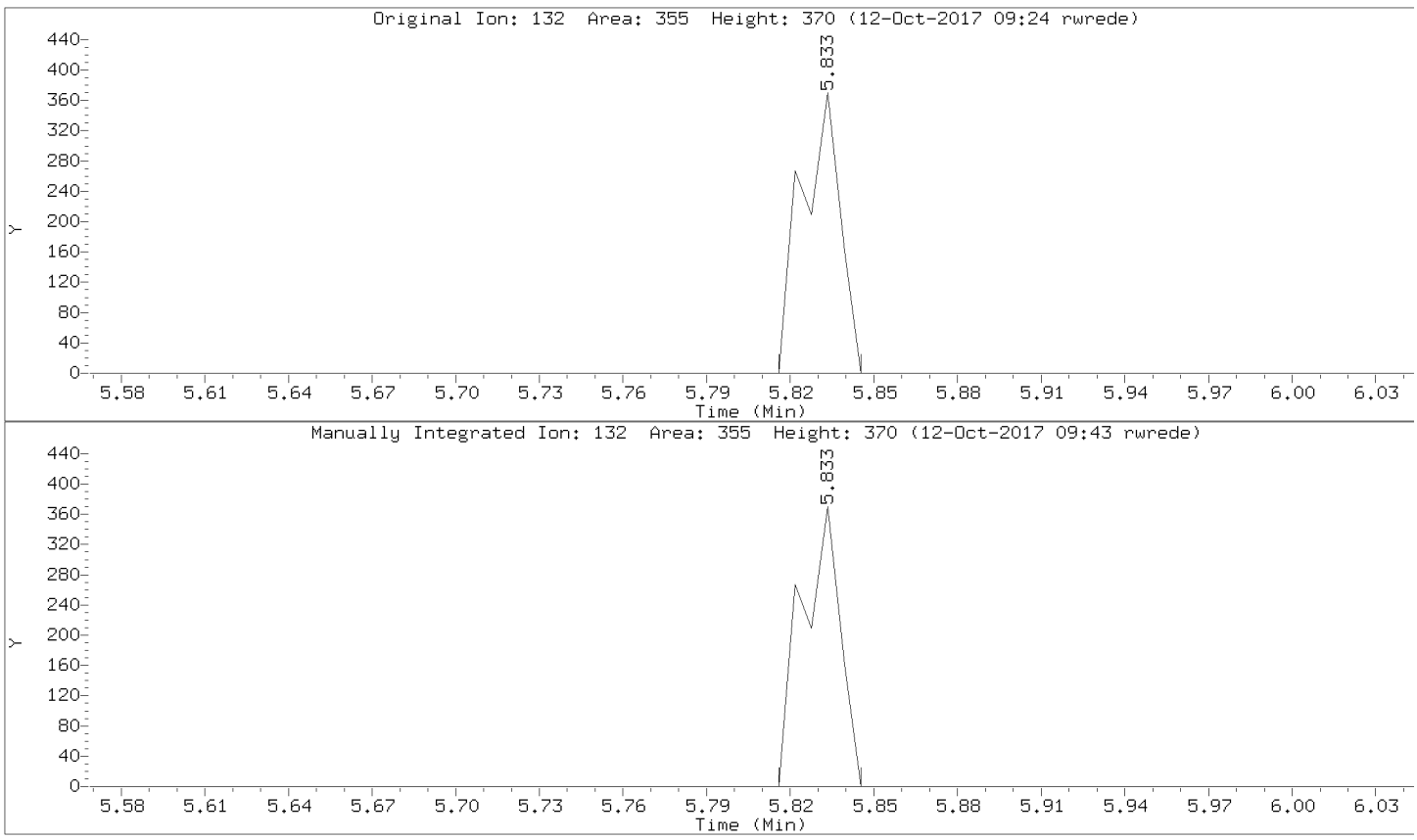
Lab Sample ID: 8260-CAL2



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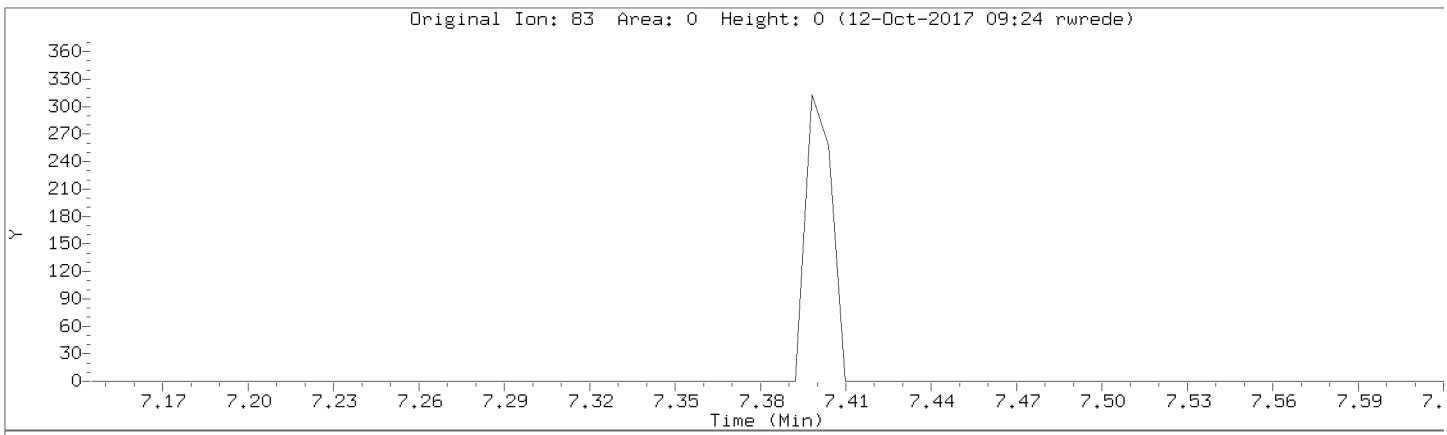
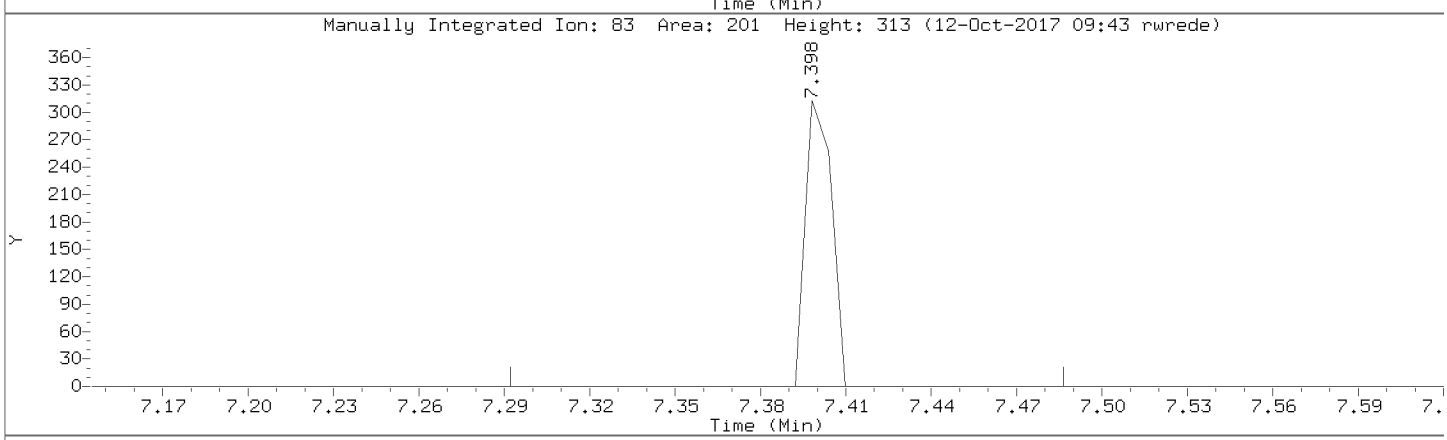
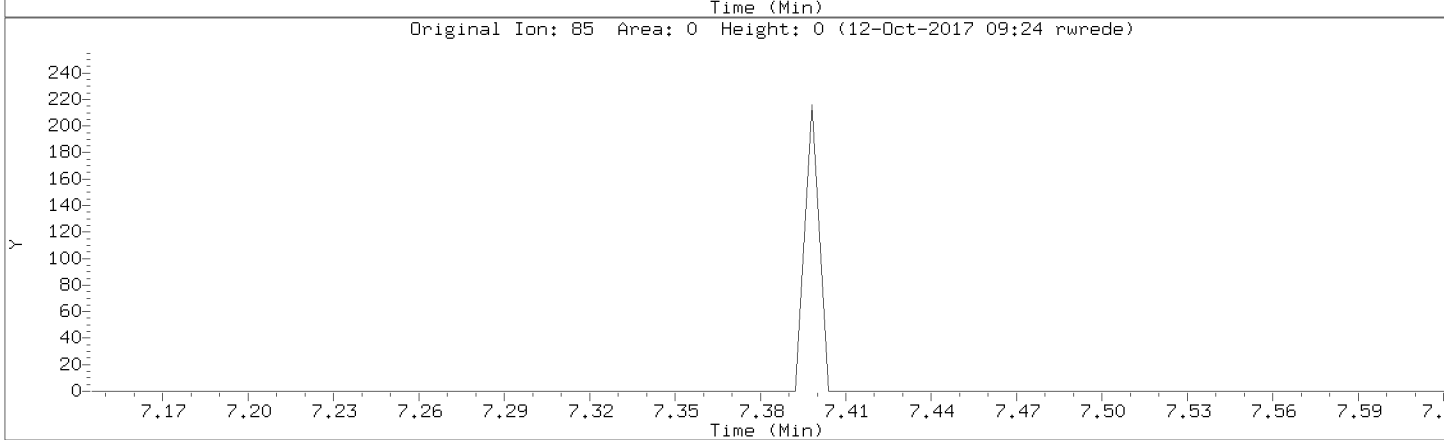
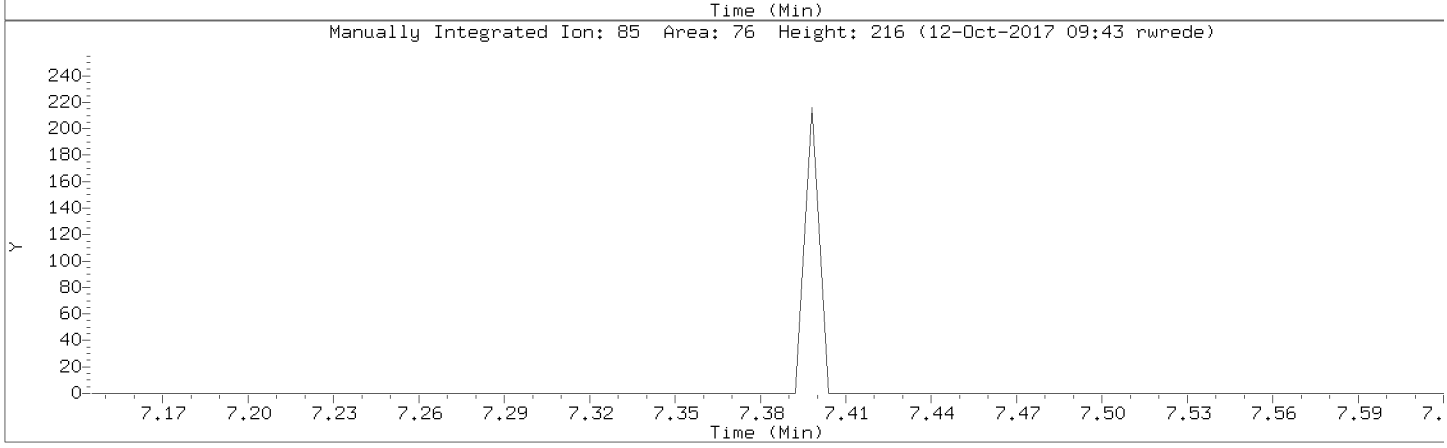
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1,2-Trichloroethane Review Code: NI
CAS Number: 79-00-5









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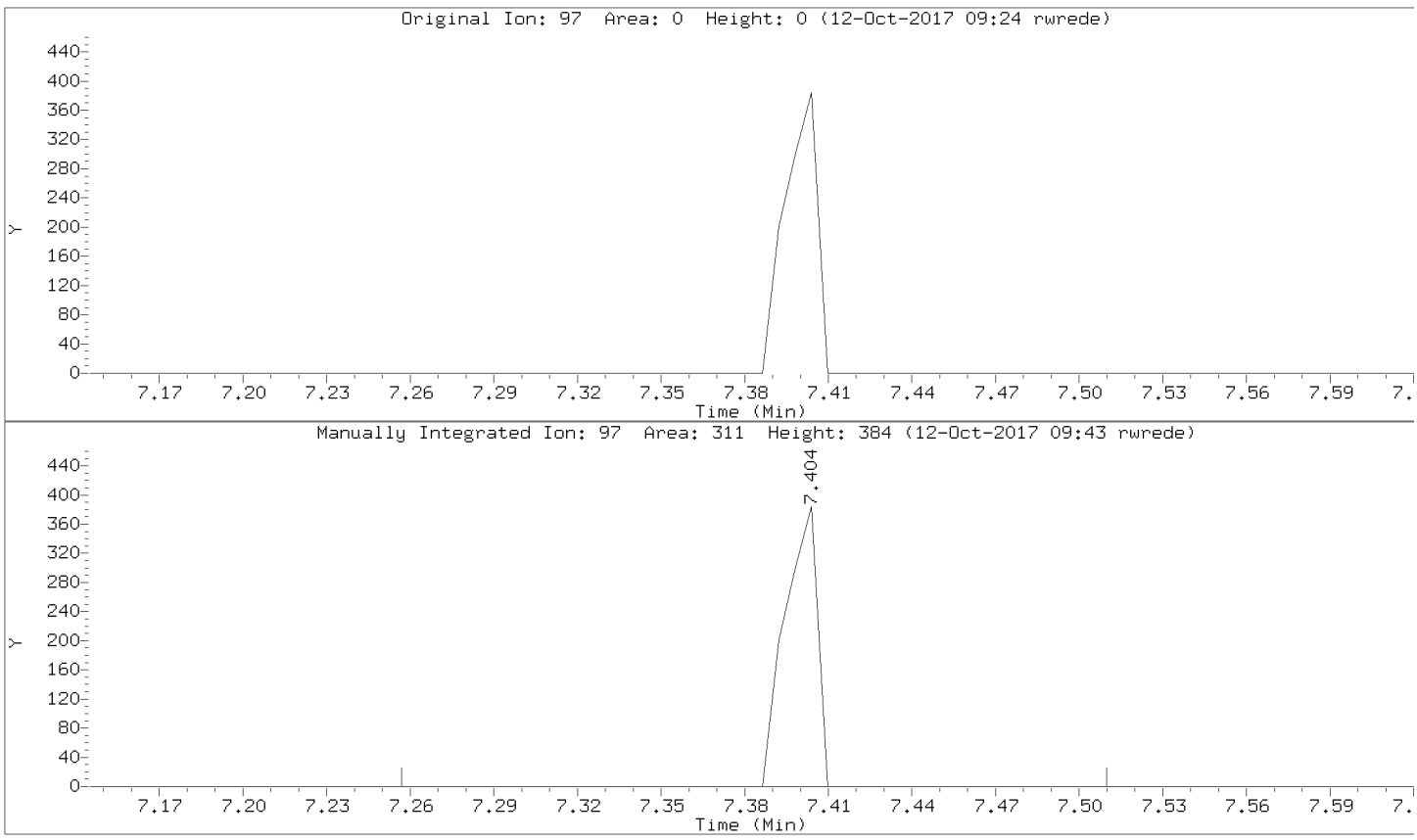
Lab Sample ID: 8260-CAL2



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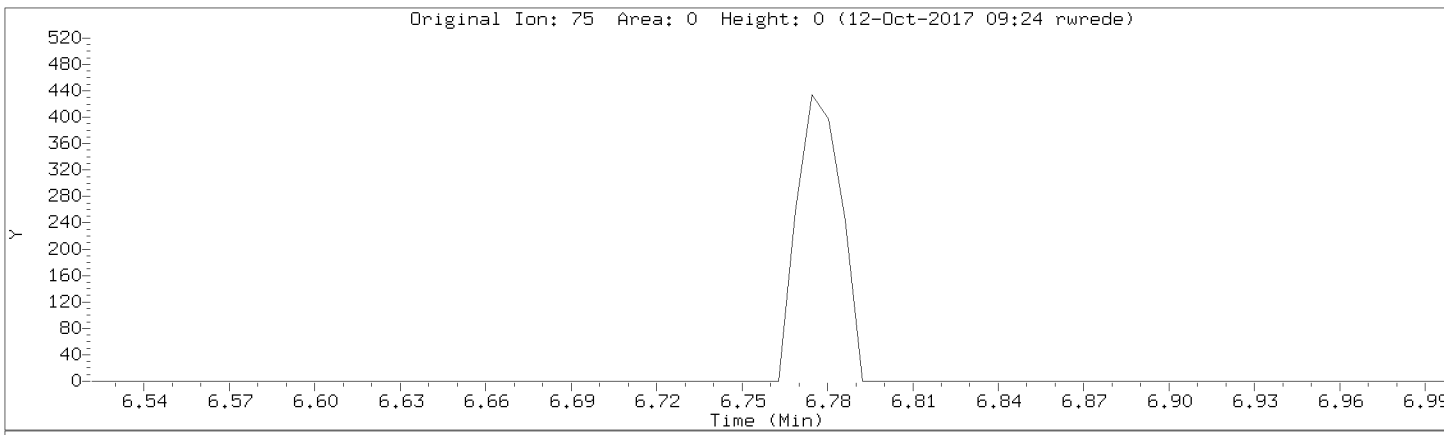
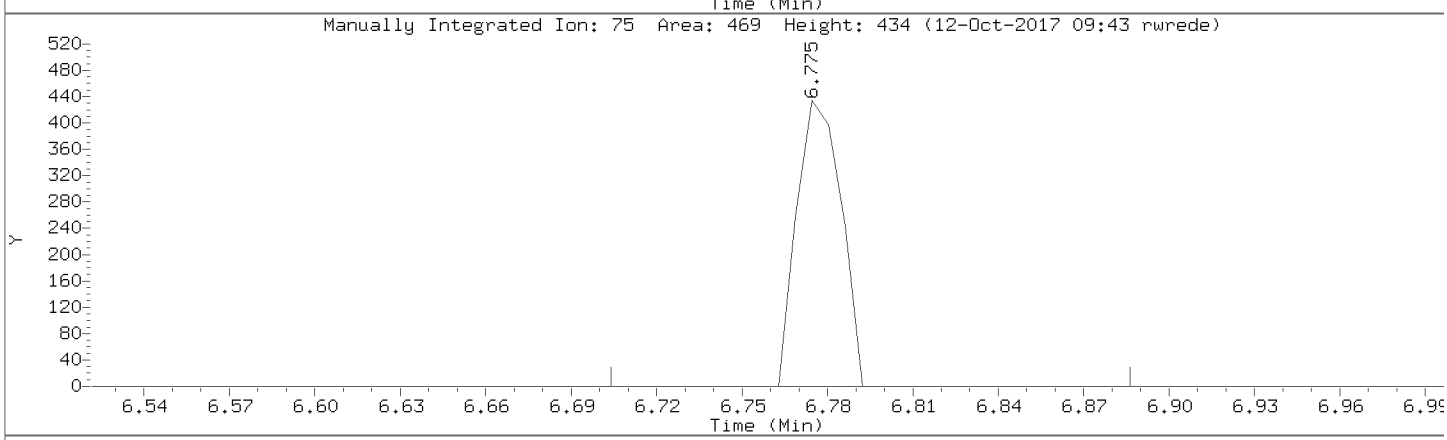
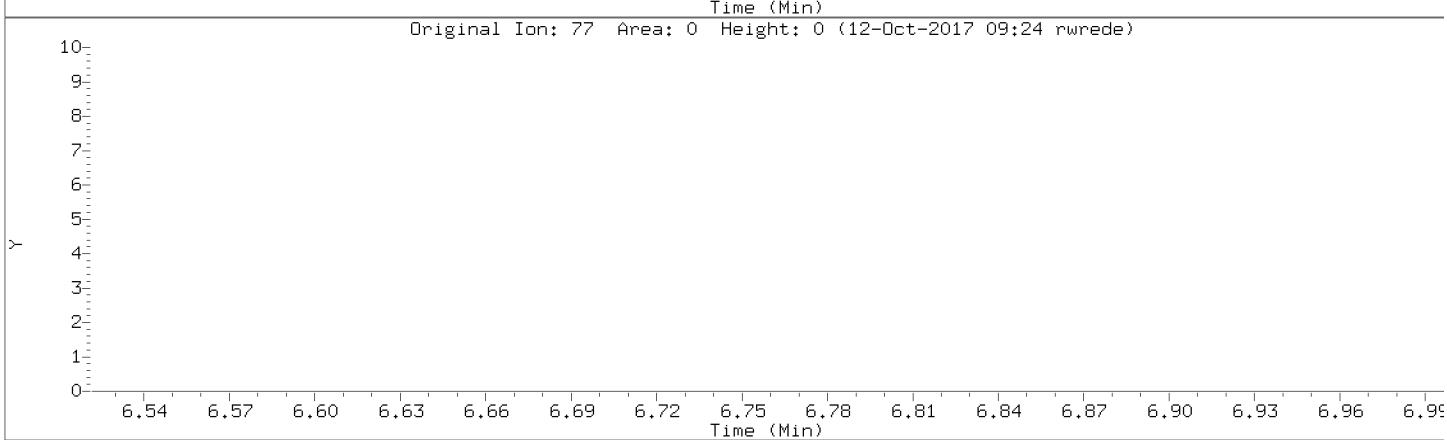
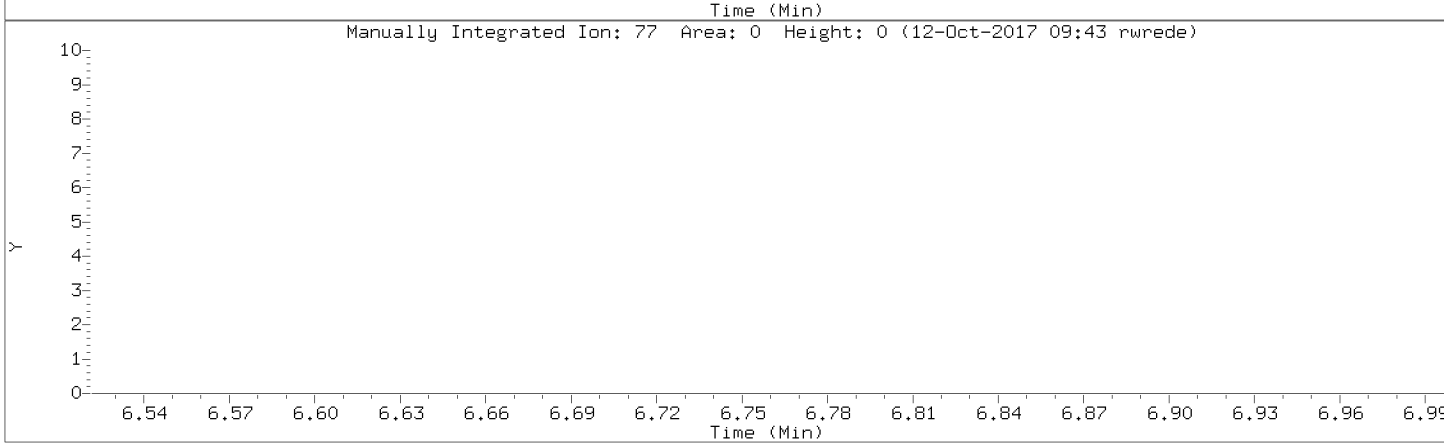
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: cis-1,3-Dichloropropene Review Code: NI
CAS Number: 10061-01-5









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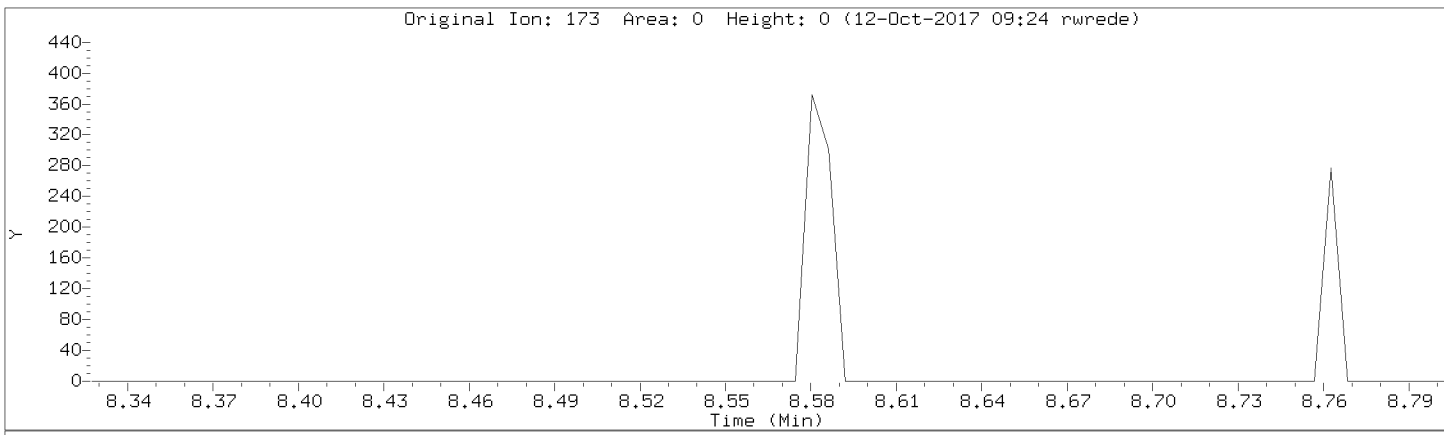
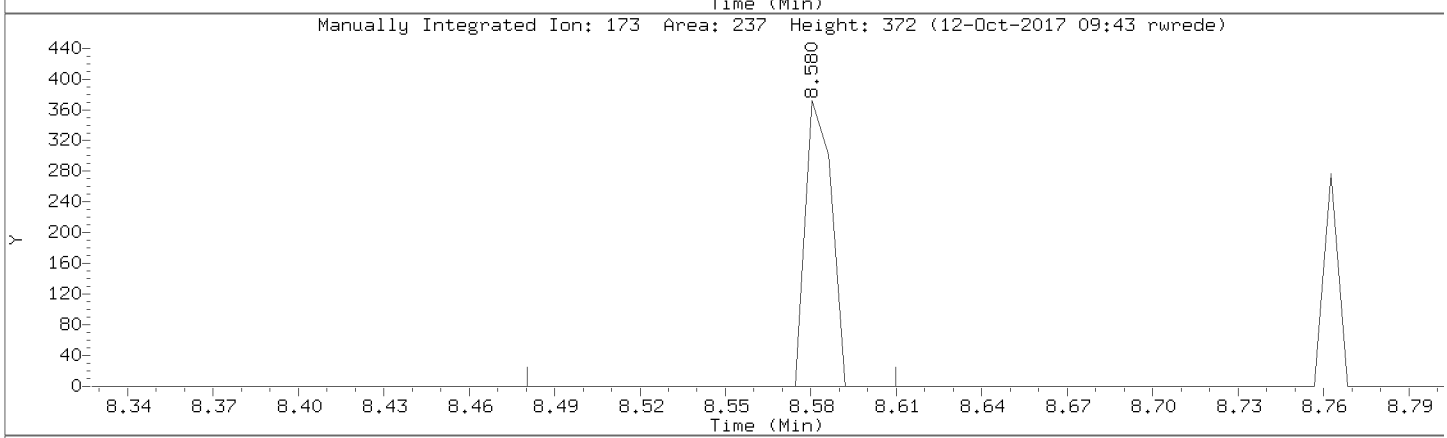
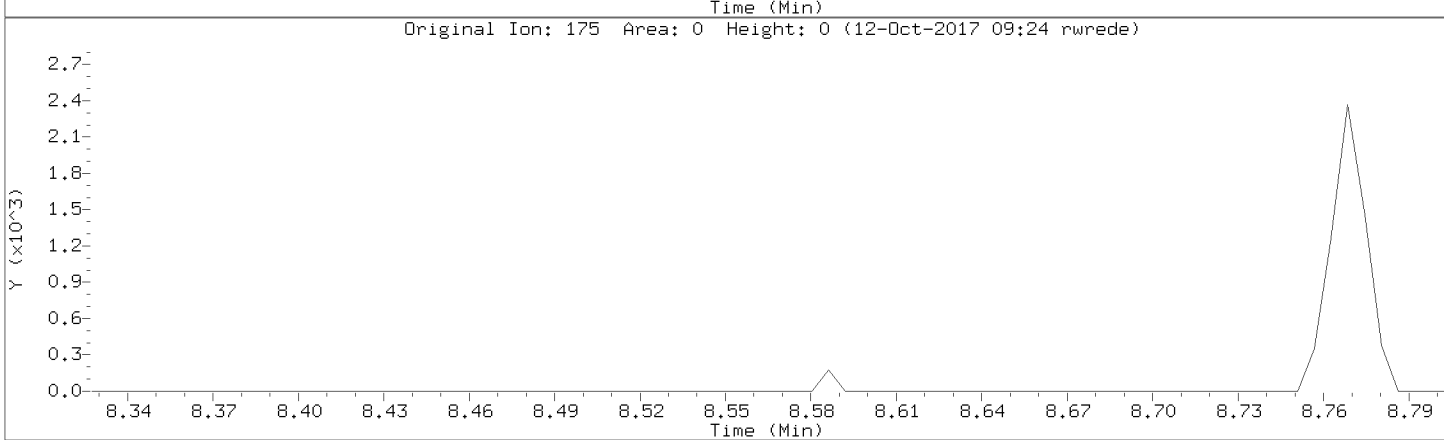
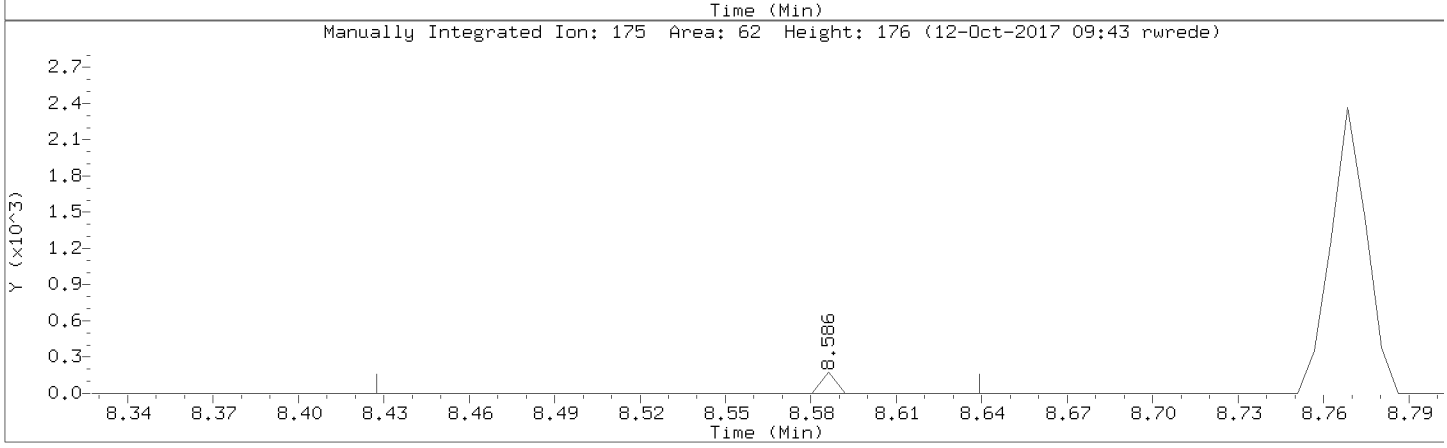
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2









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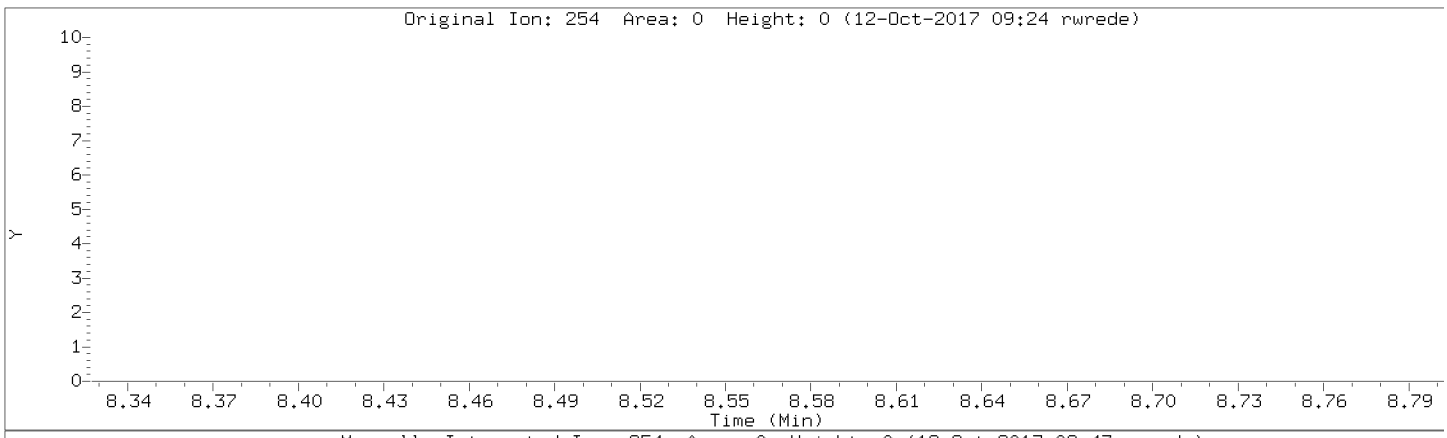
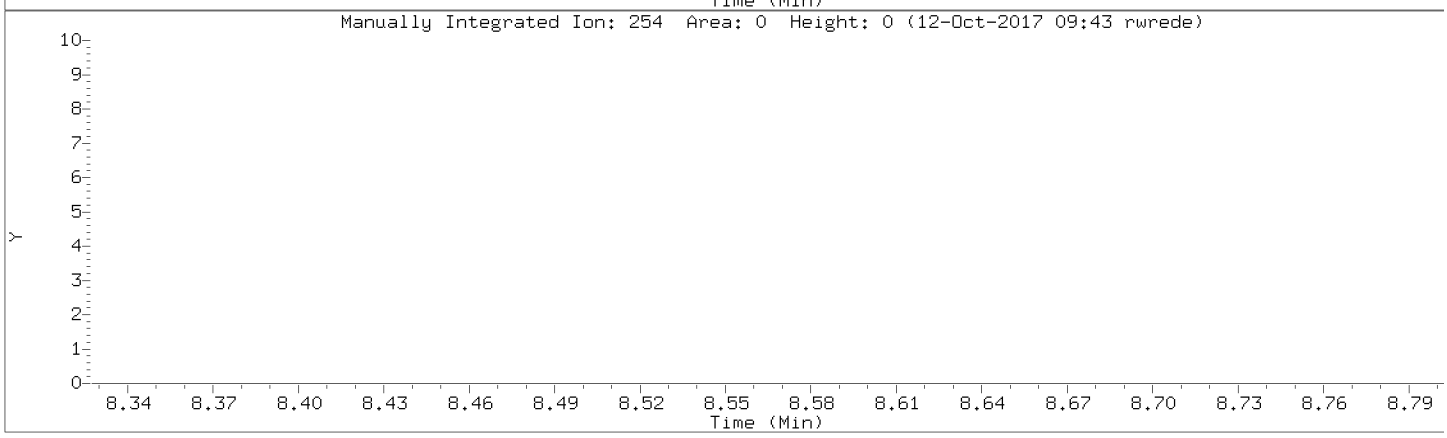
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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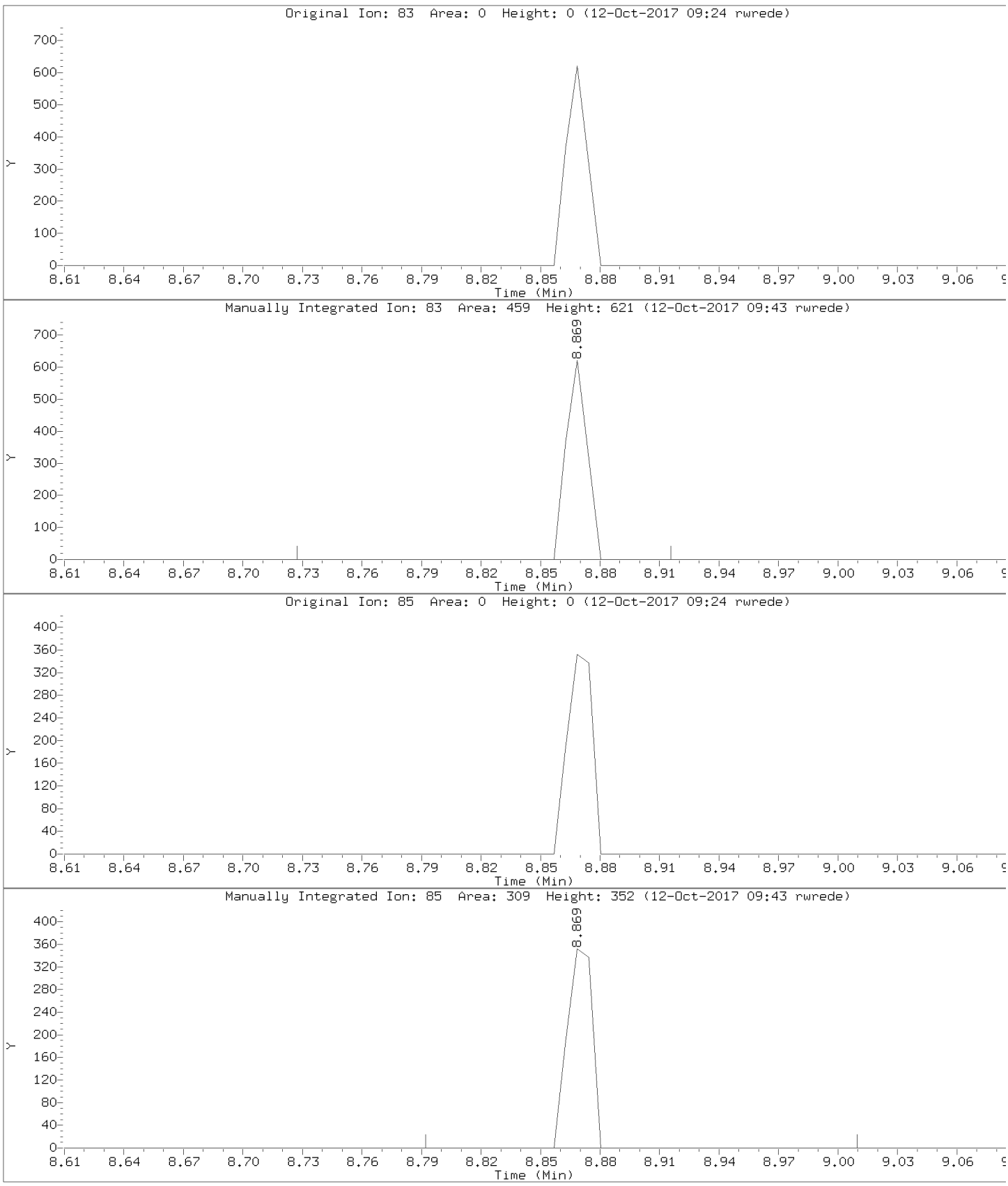
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1,2,2-Tetrachloroethane Review Code: NI
CAS Number: 79-34-5



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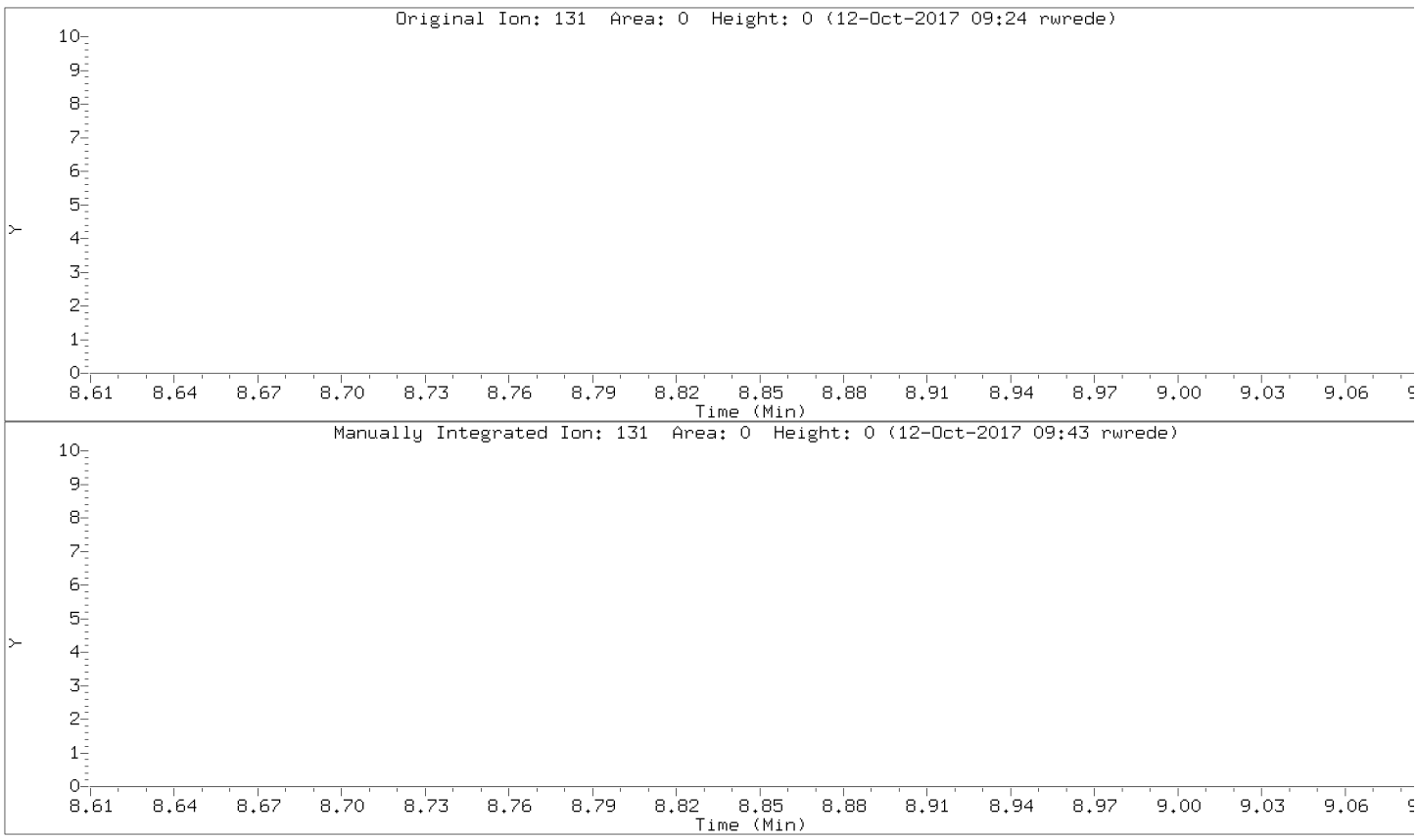
Lab Sample ID: 8260-CAL2



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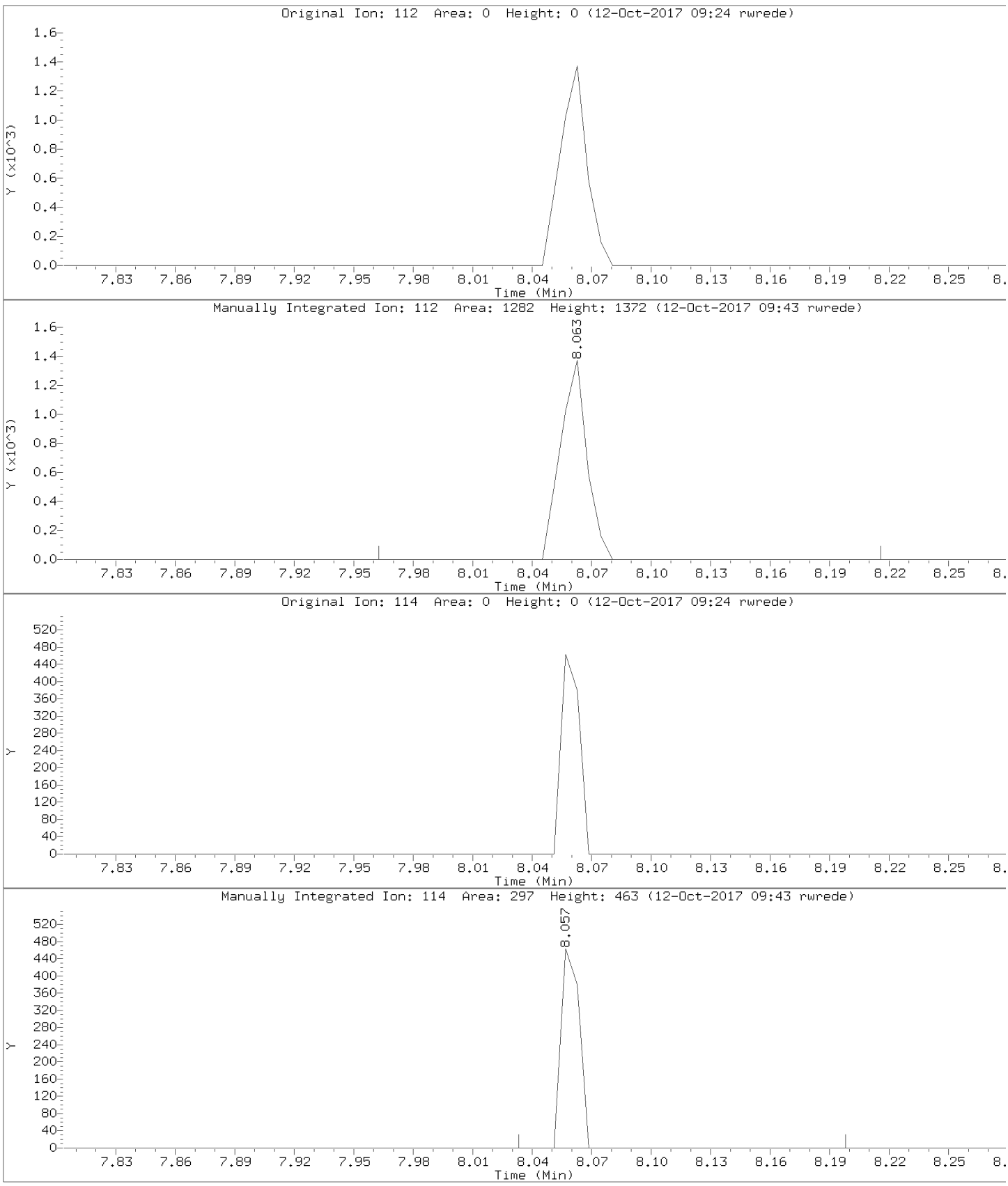
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Chlorobenzene Review Code: NI
CAS Number: 108-90-7



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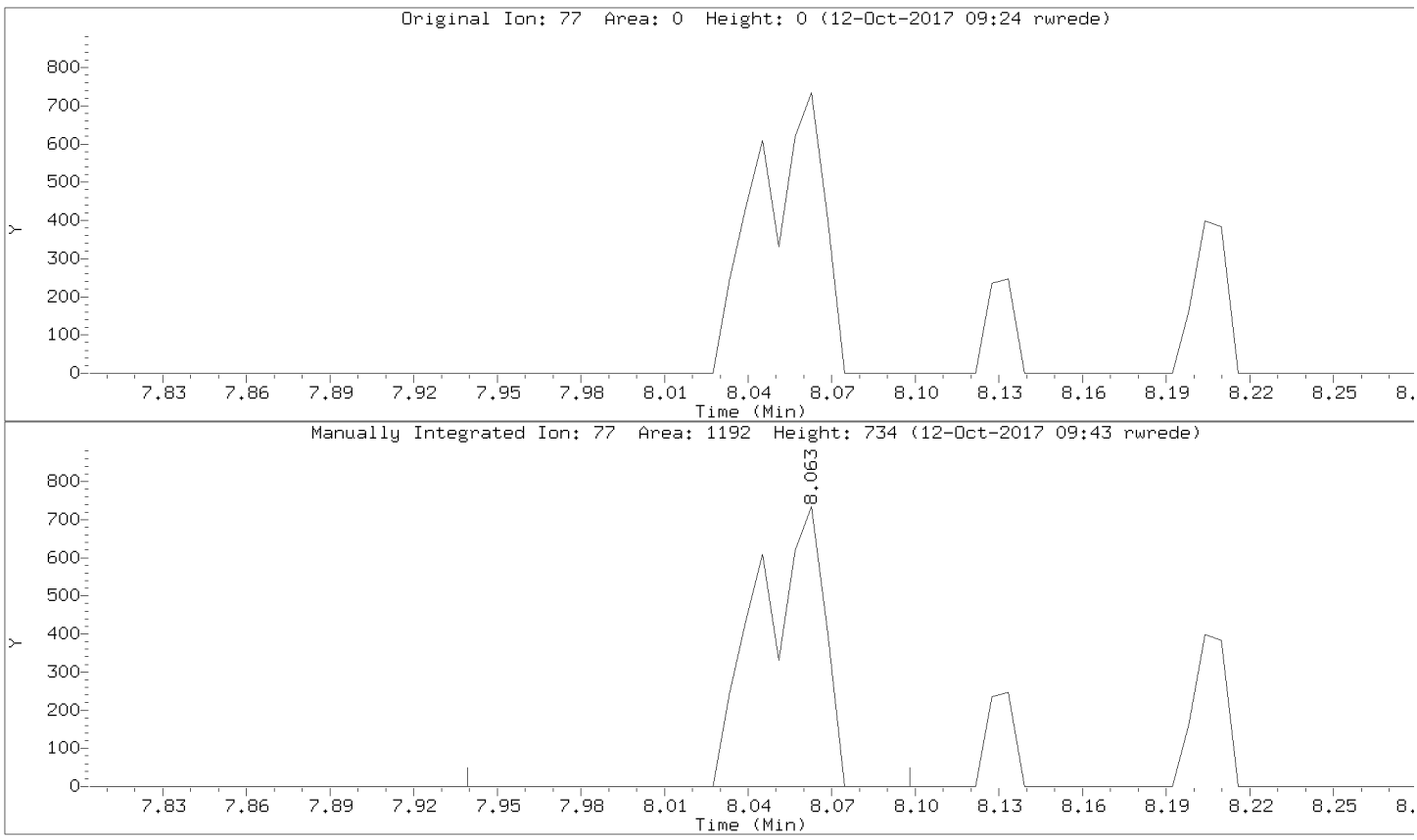
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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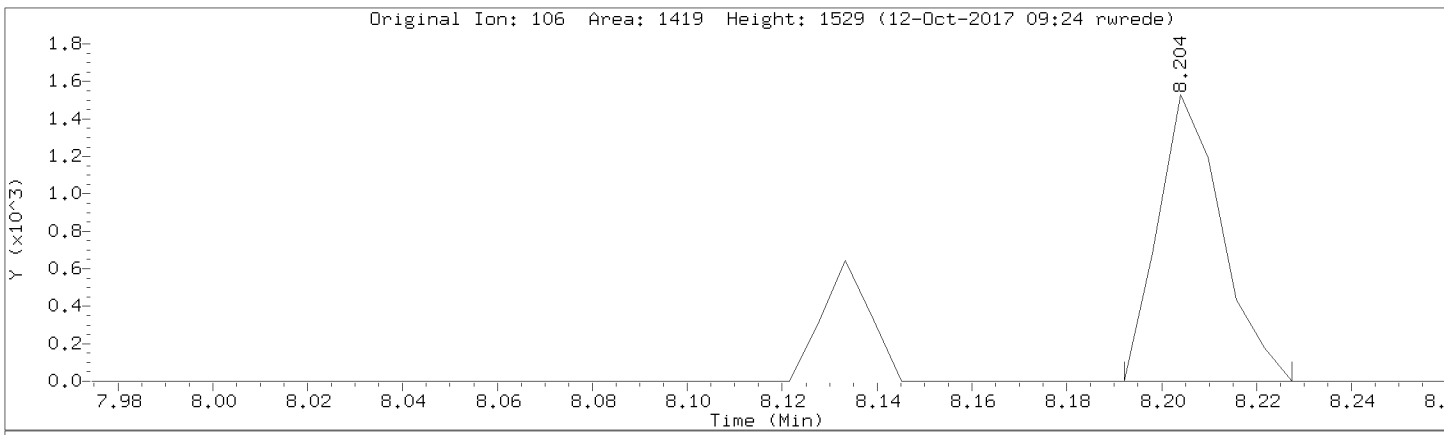
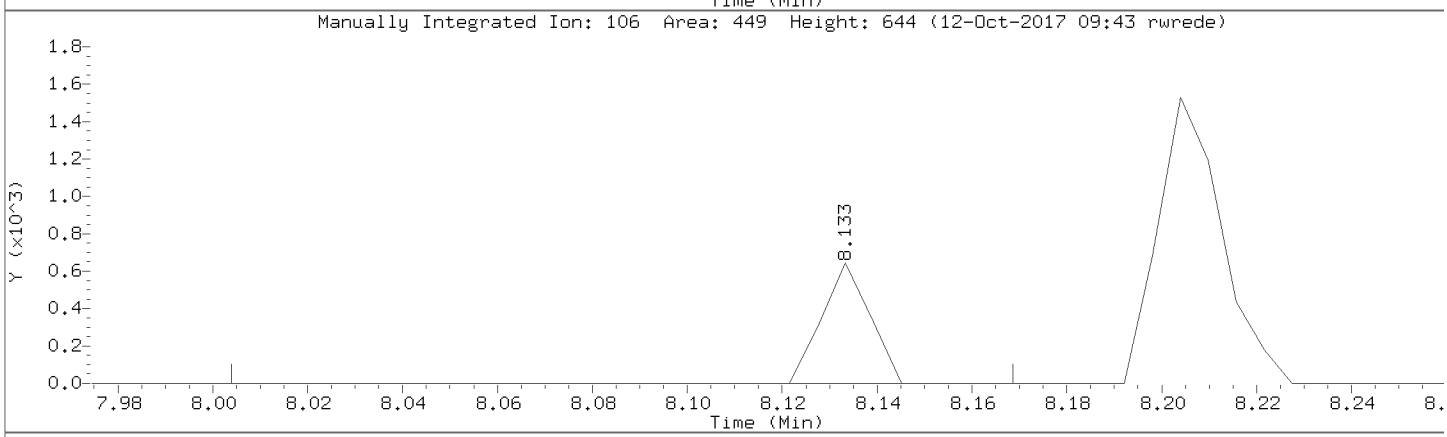
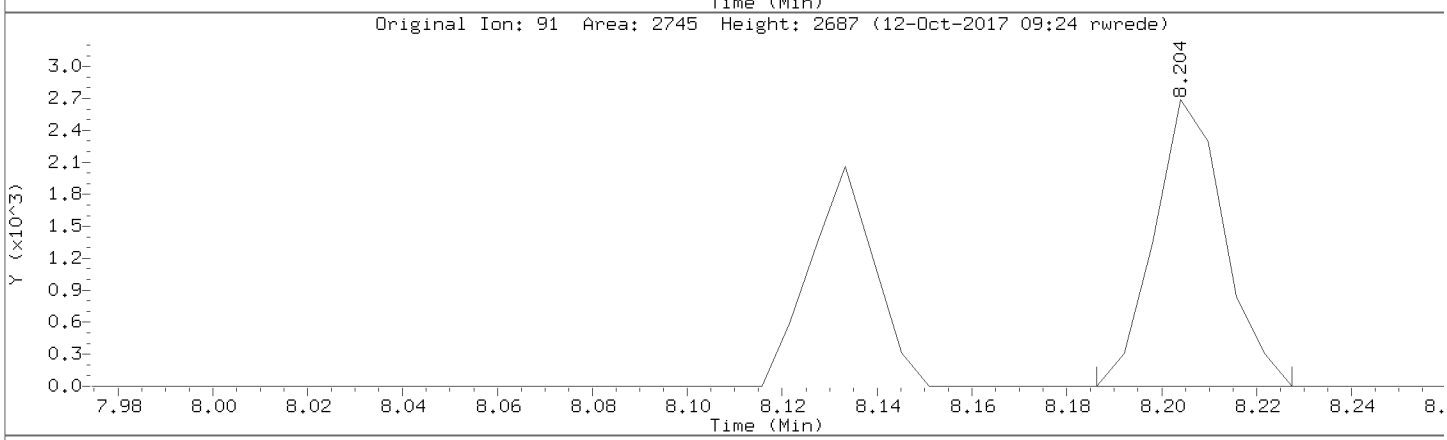
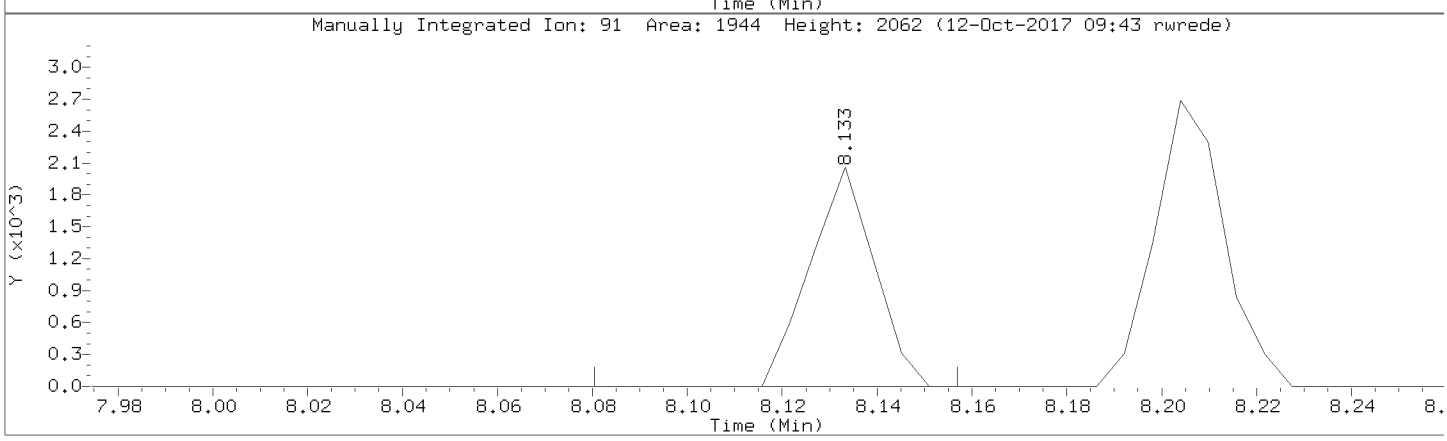
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Ethylbenzene Review Code: WP
CAS Number: 100-41-4



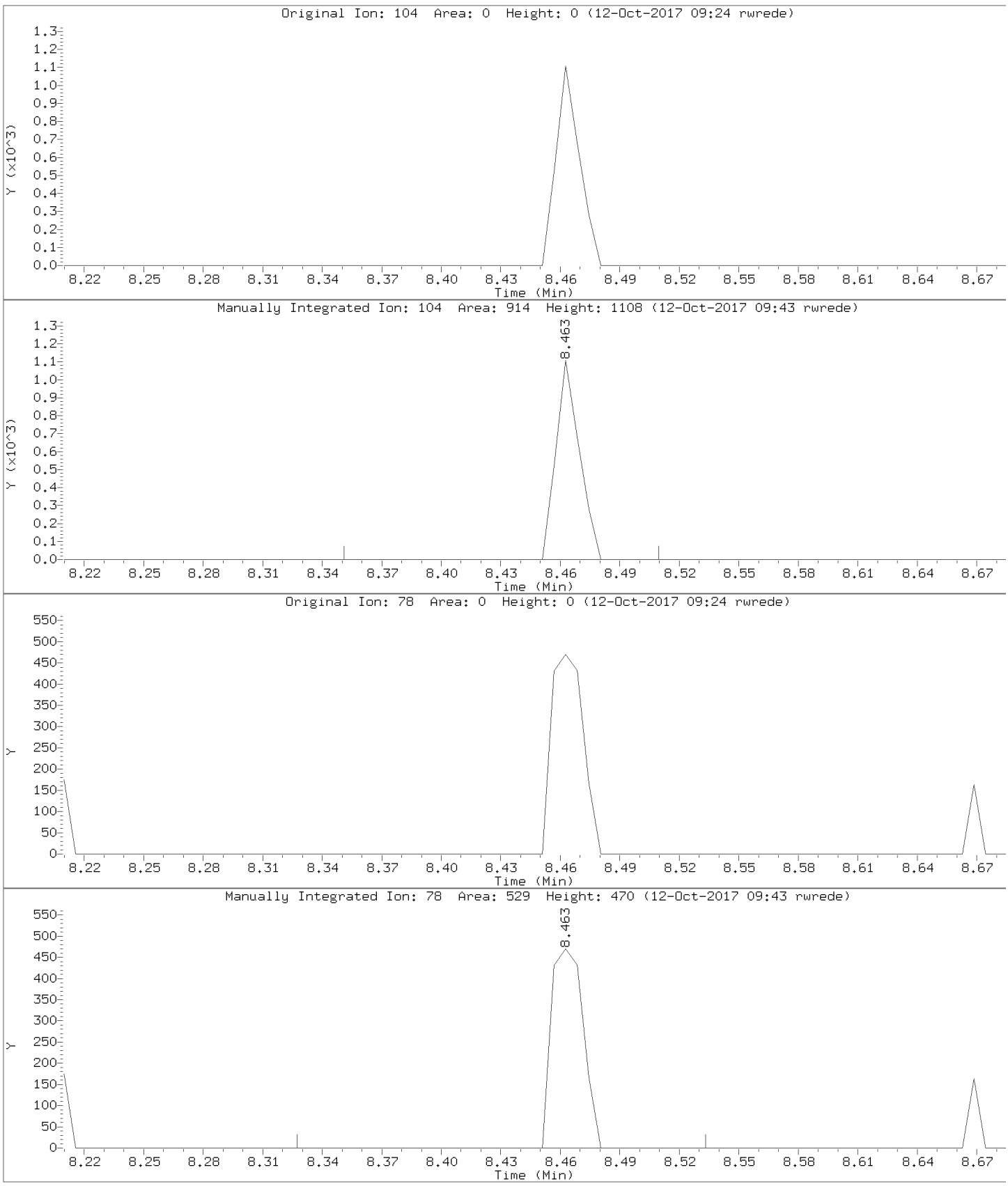






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Styrene Review Code: NI
CAS Number: 100-42-5



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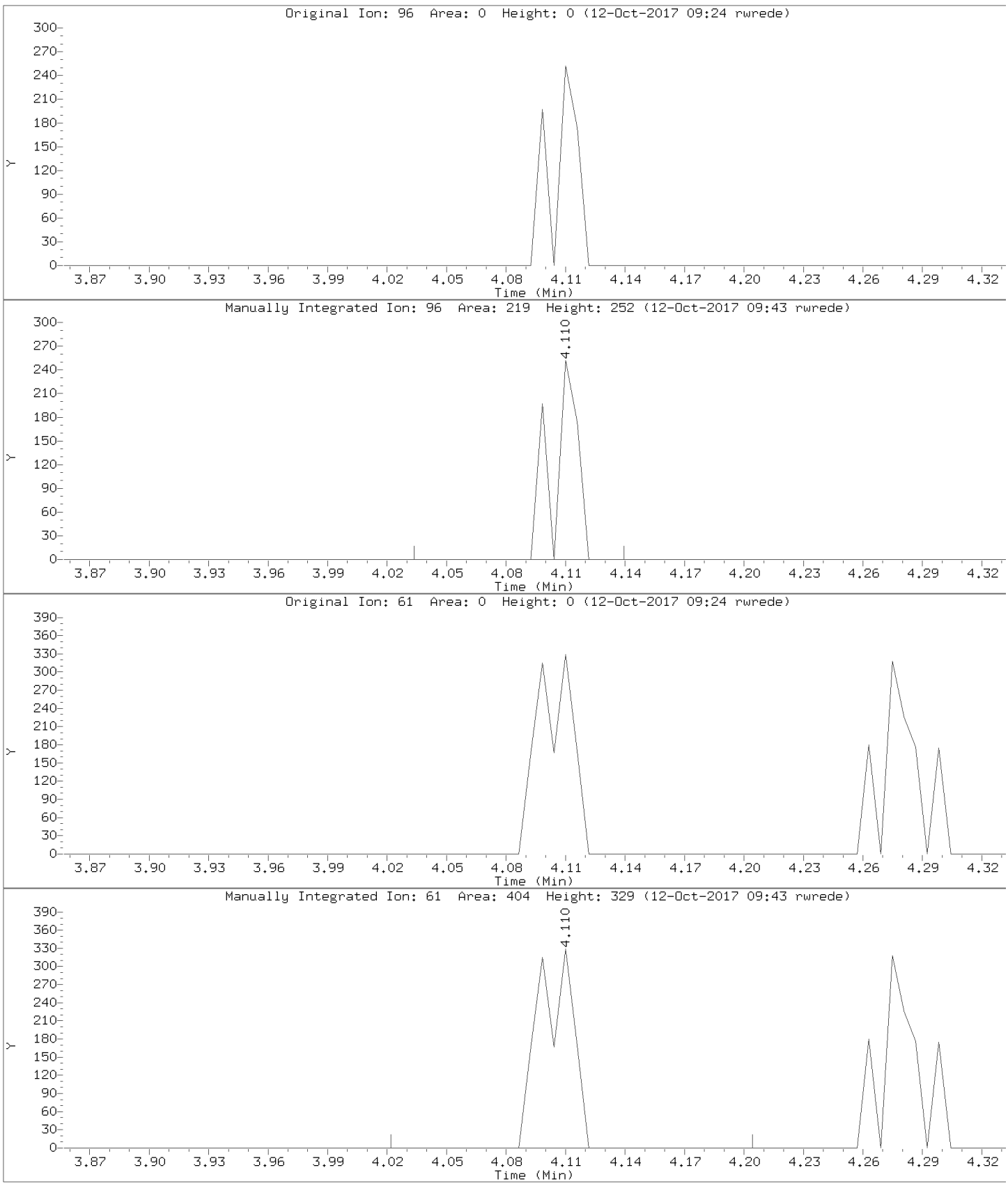
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-Dichloroethene (cis) Review Code: NI
CAS Number: 156-59-2



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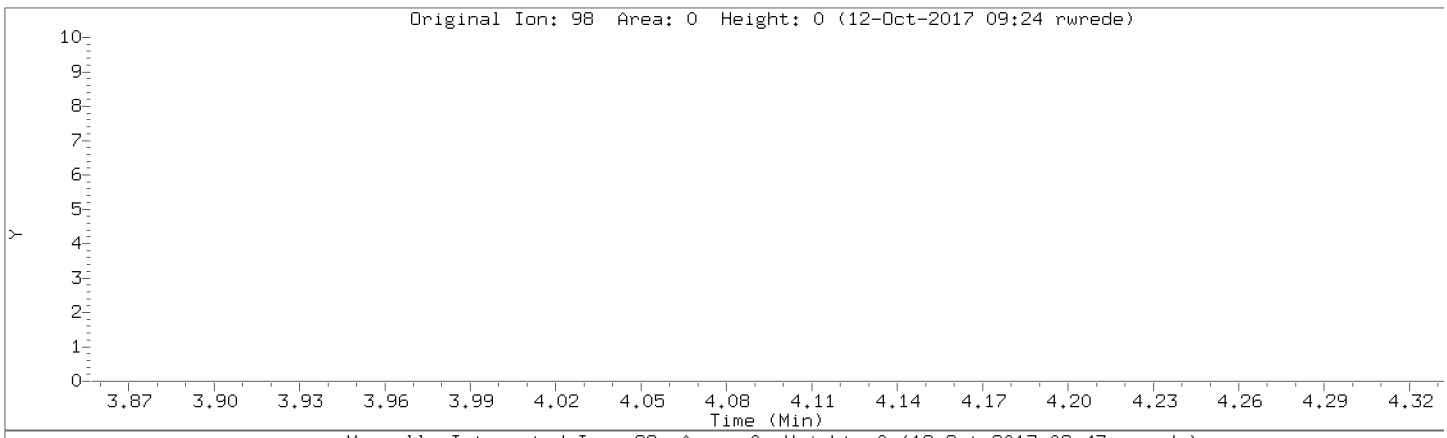
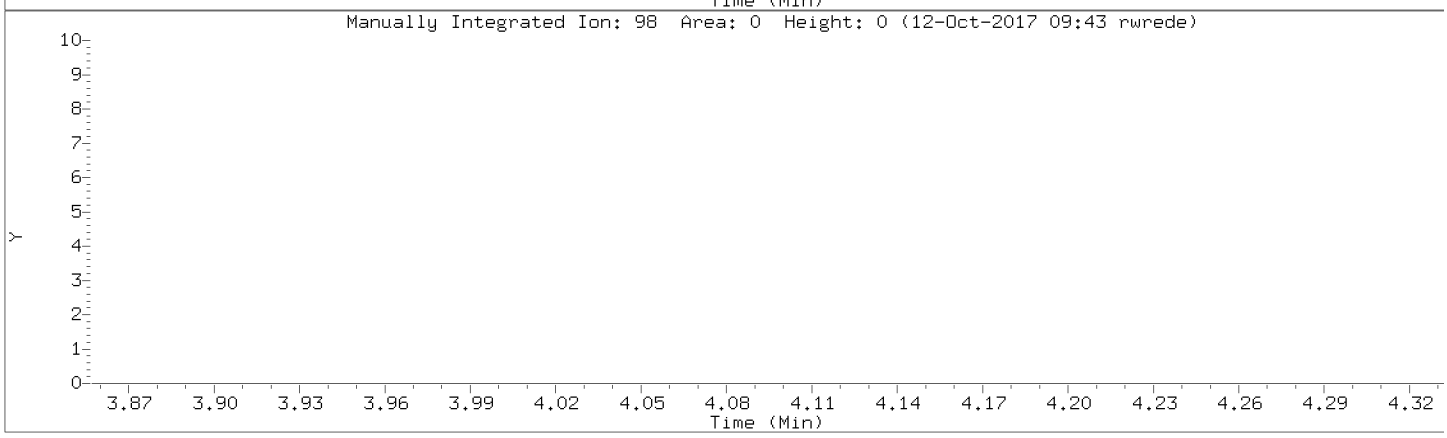
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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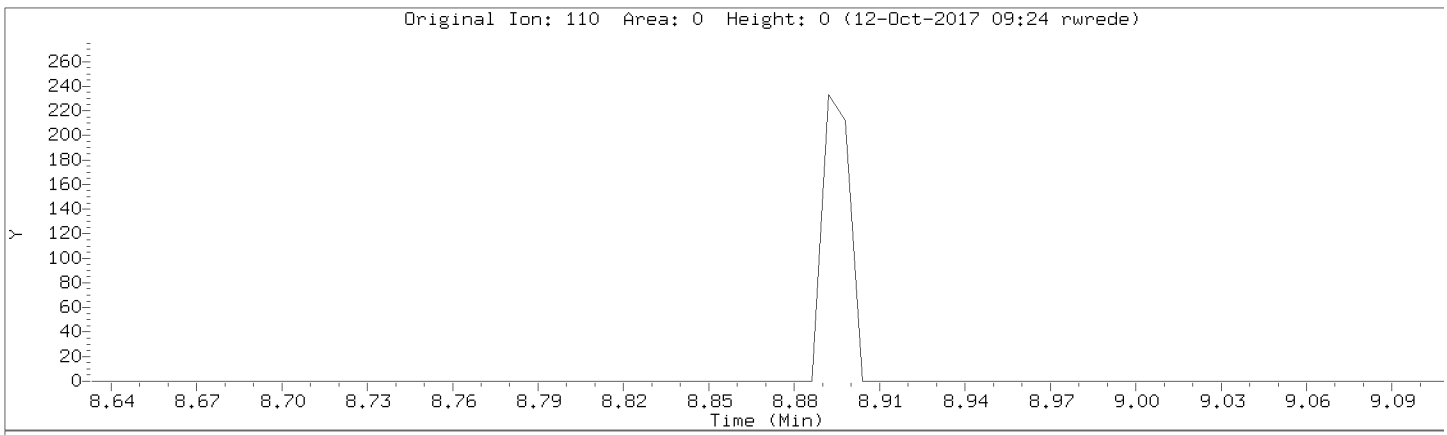
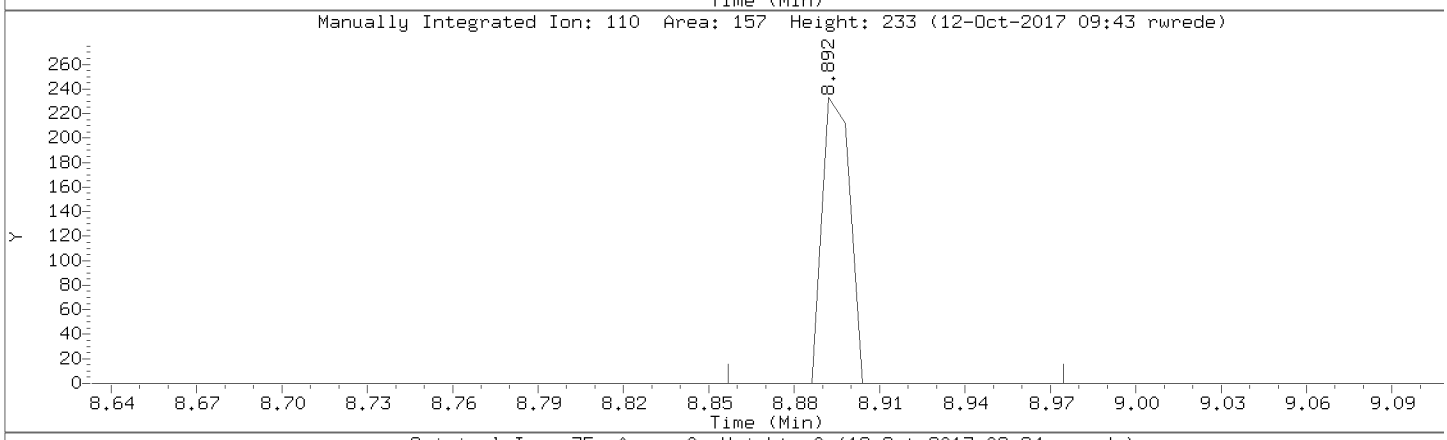
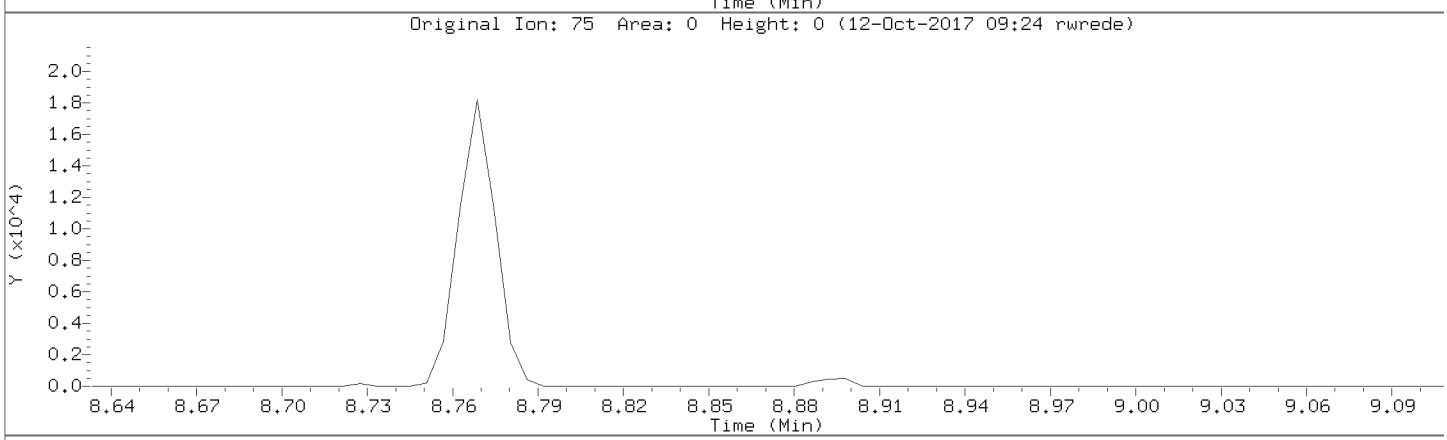
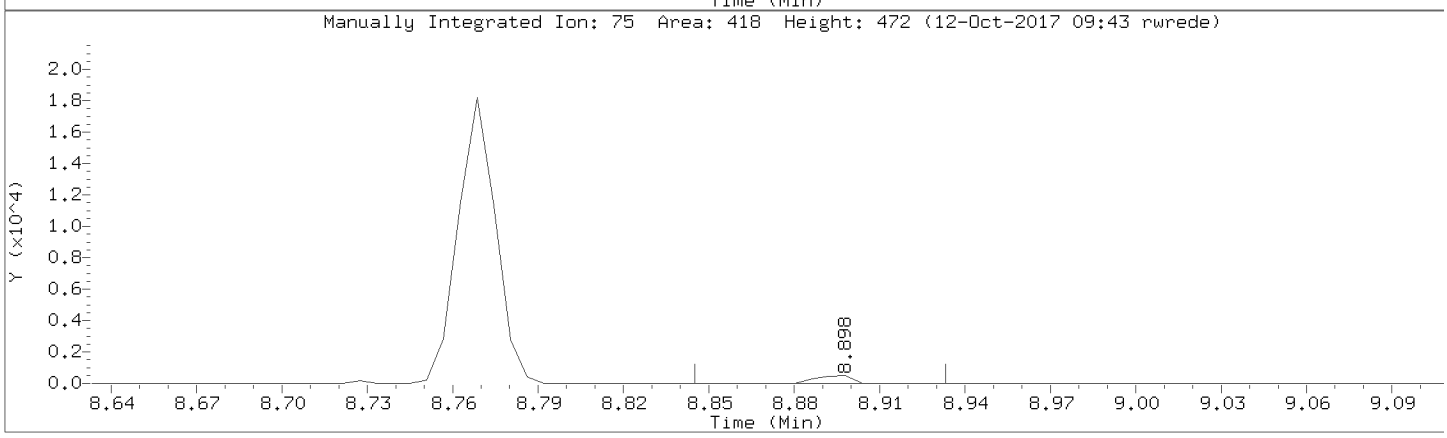
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2,3-Trichloropropane Review Code: NI
CAS Number: 96-18-4









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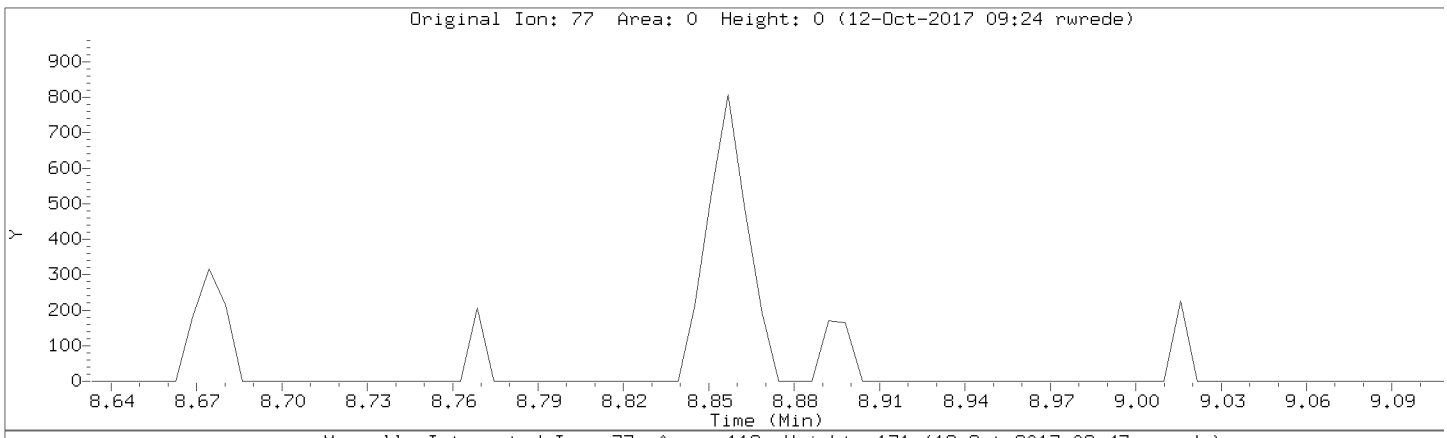
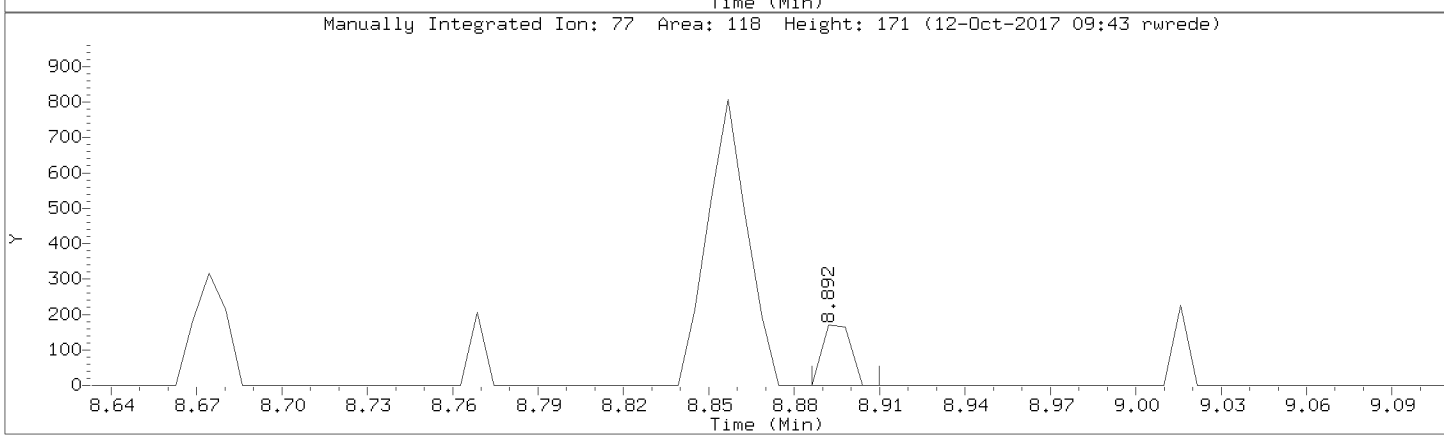
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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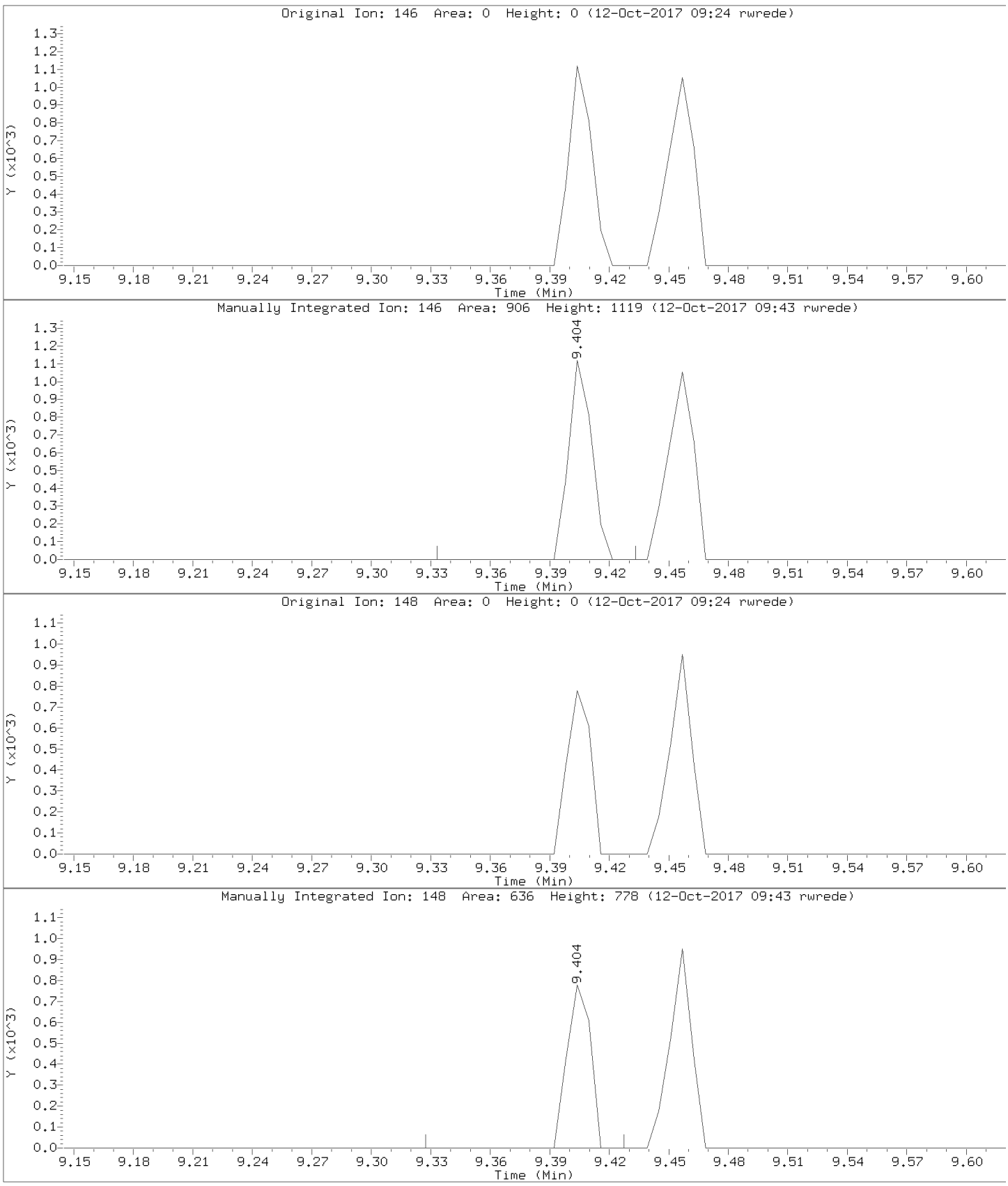
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,3-Dichlorobenzene Review Code: NI
CAS Number: 541-73-1



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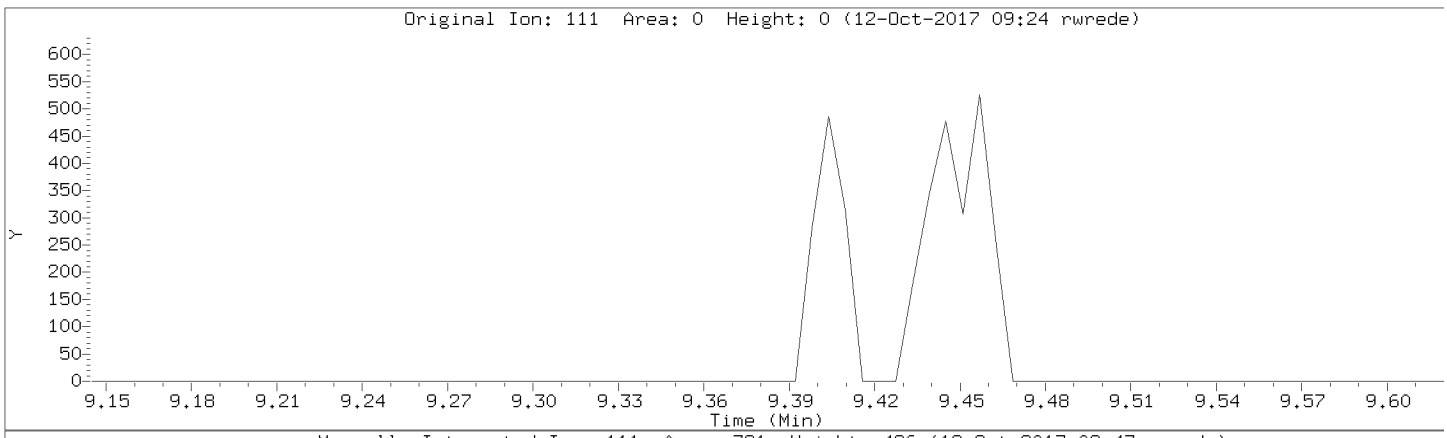
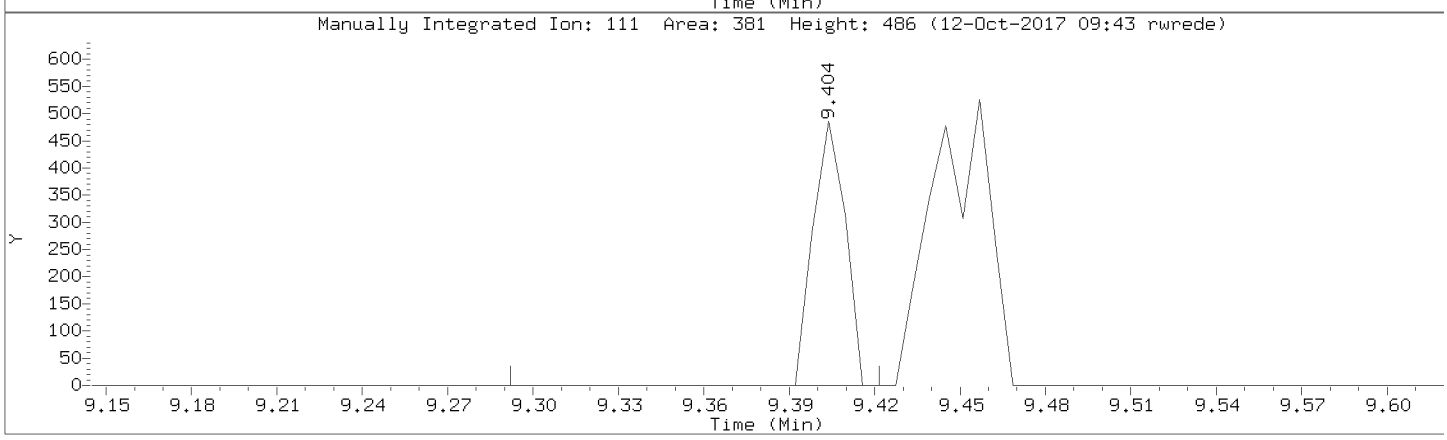
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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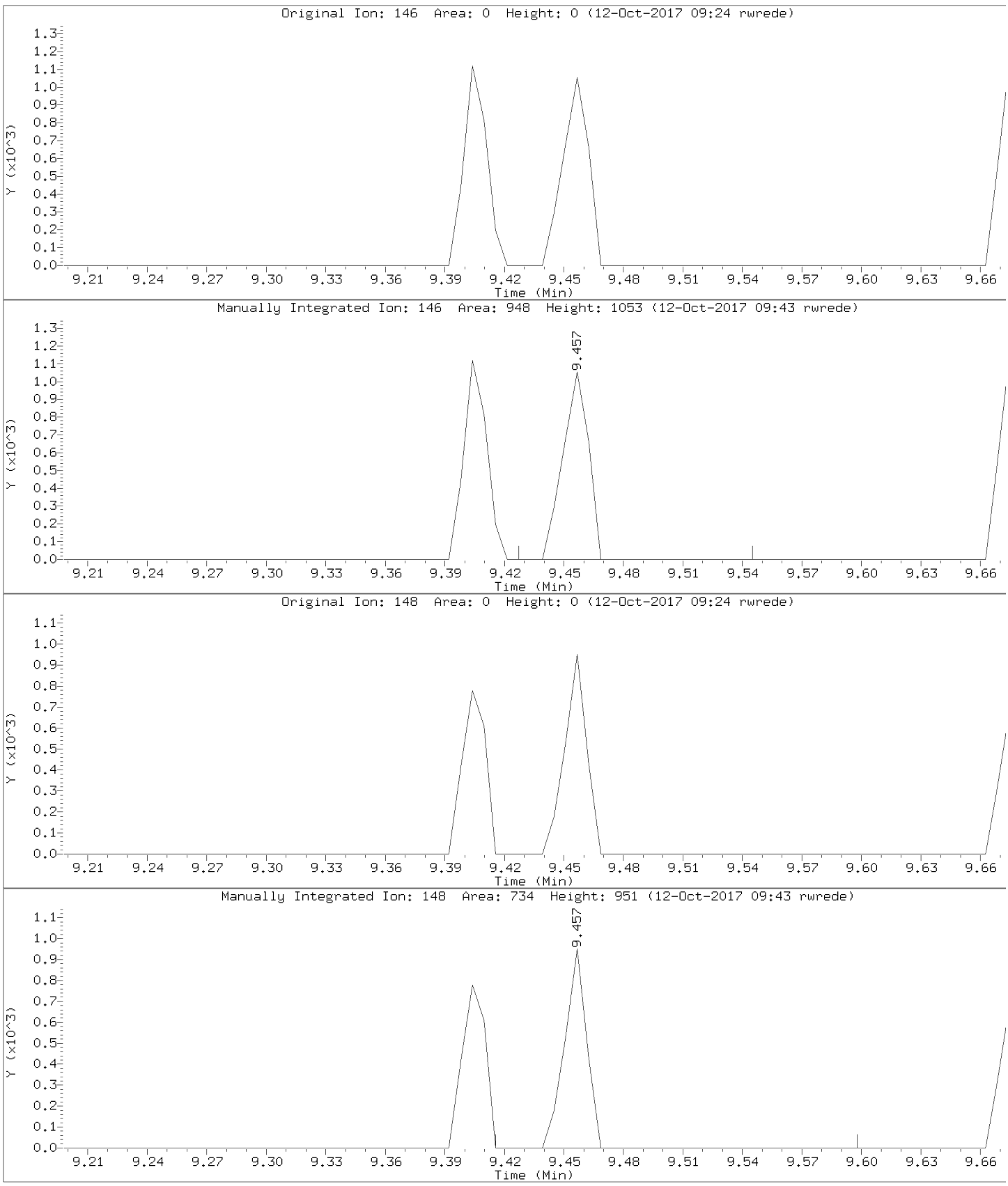
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,4-Dichlorobenzene Review Code: NI
CAS Number: 106-46-7



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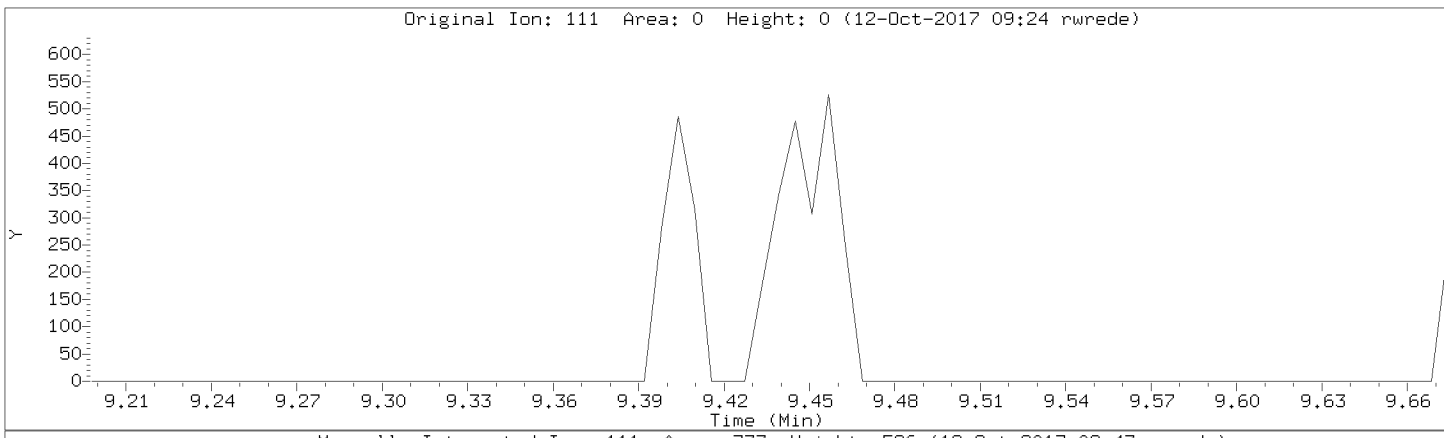
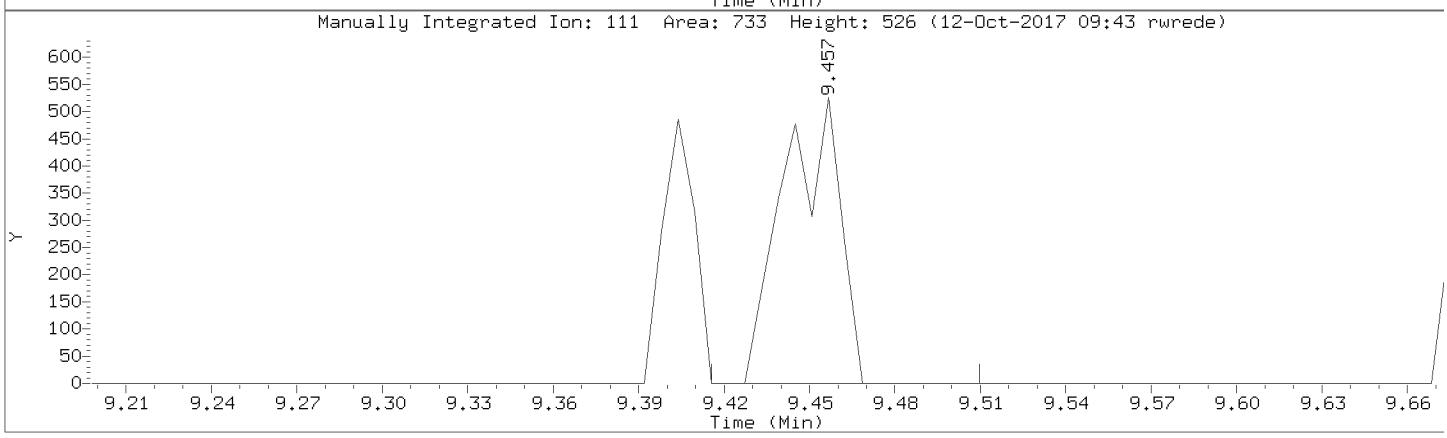
Lab Sample ID: 8260-CAL2





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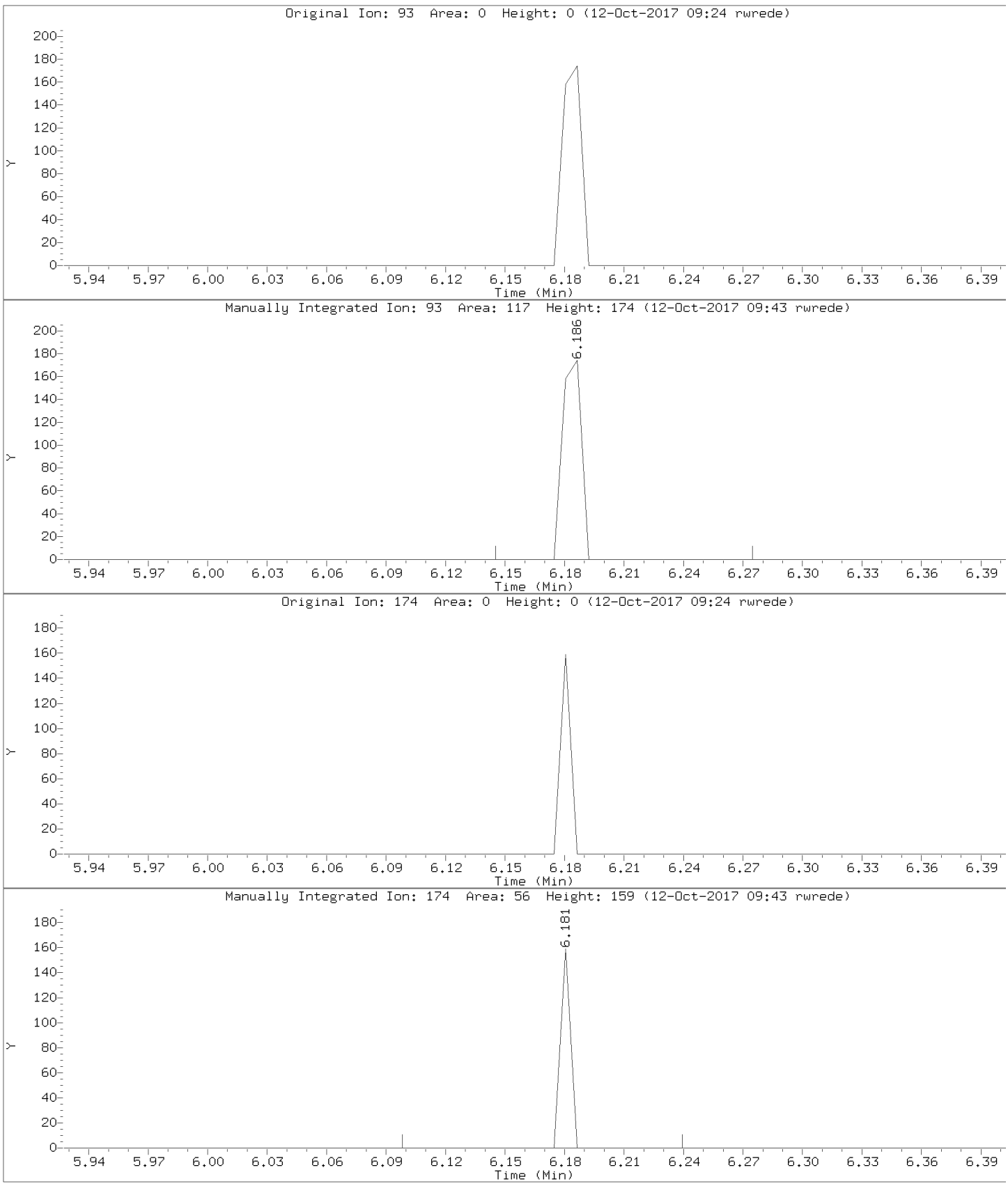
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Dibromomethane Review Code: NI
CAS Number: 74-95-3



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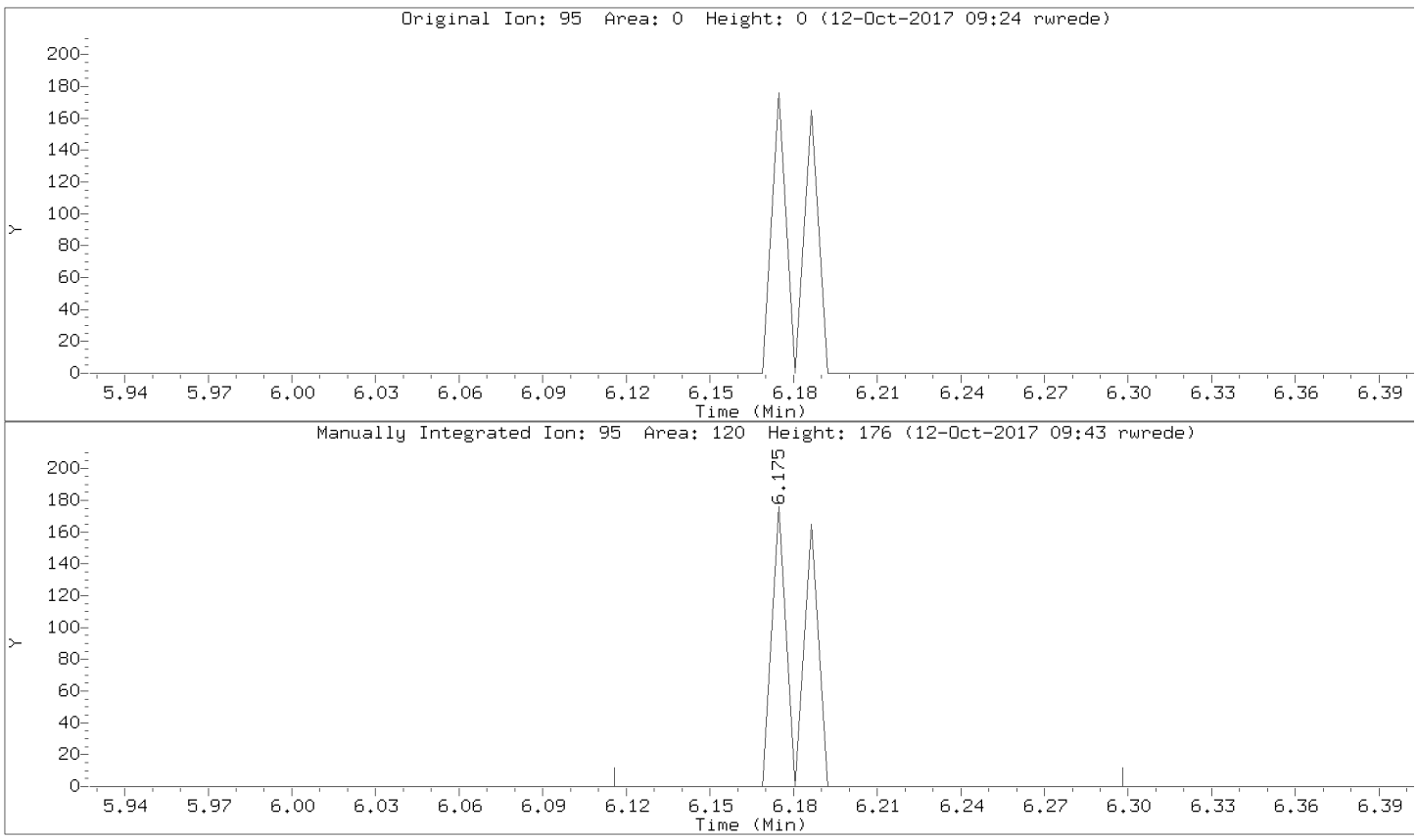
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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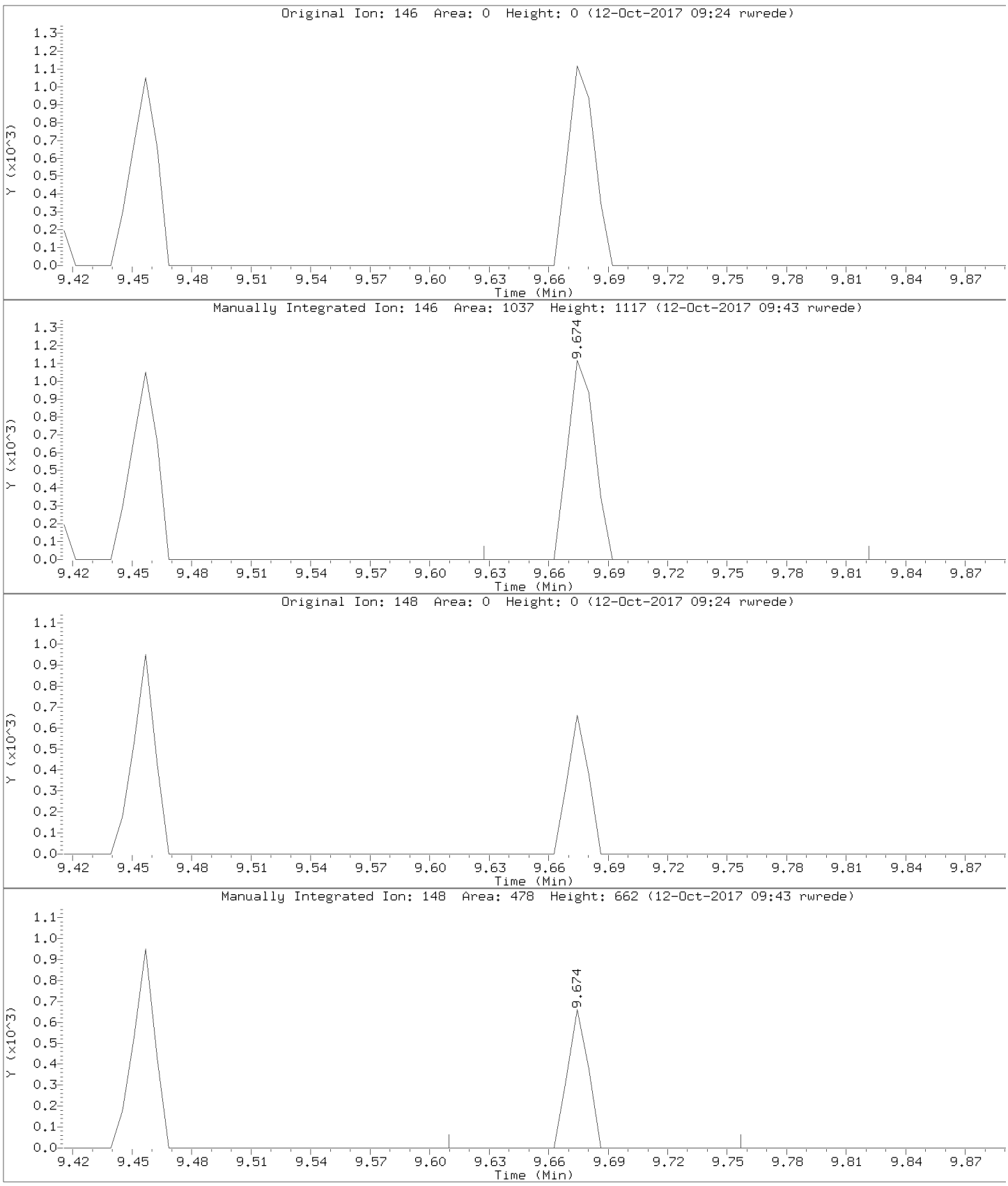
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-Dichlorobenzene Review Code: NI
CAS Number: 95-50-1



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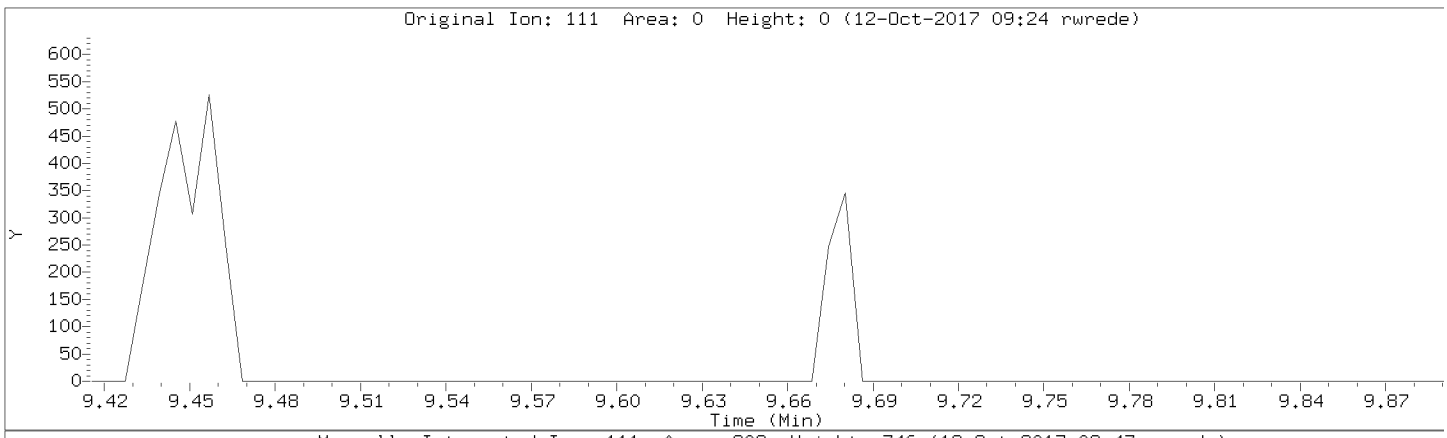
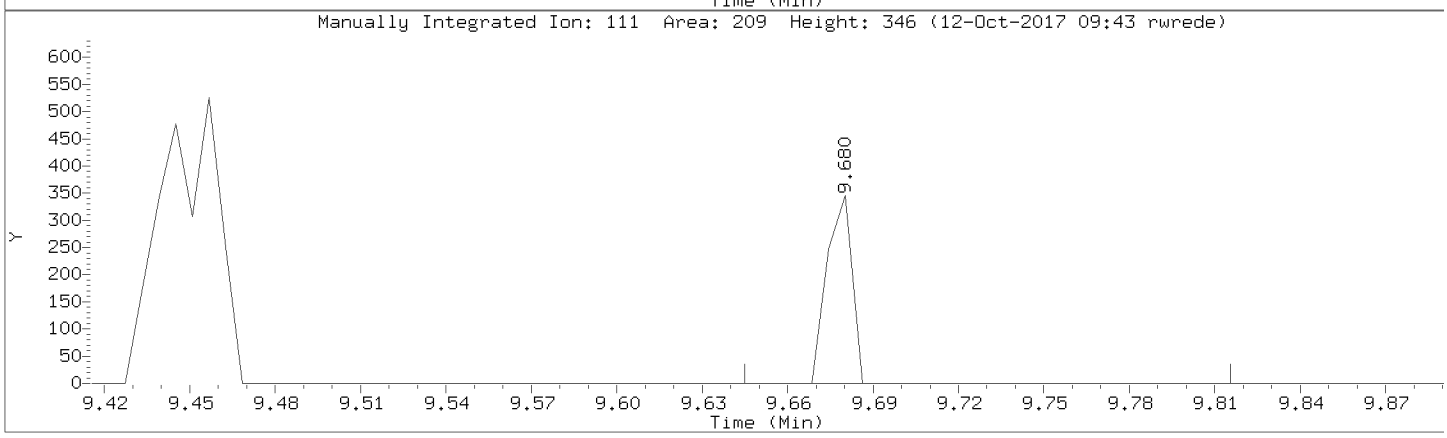
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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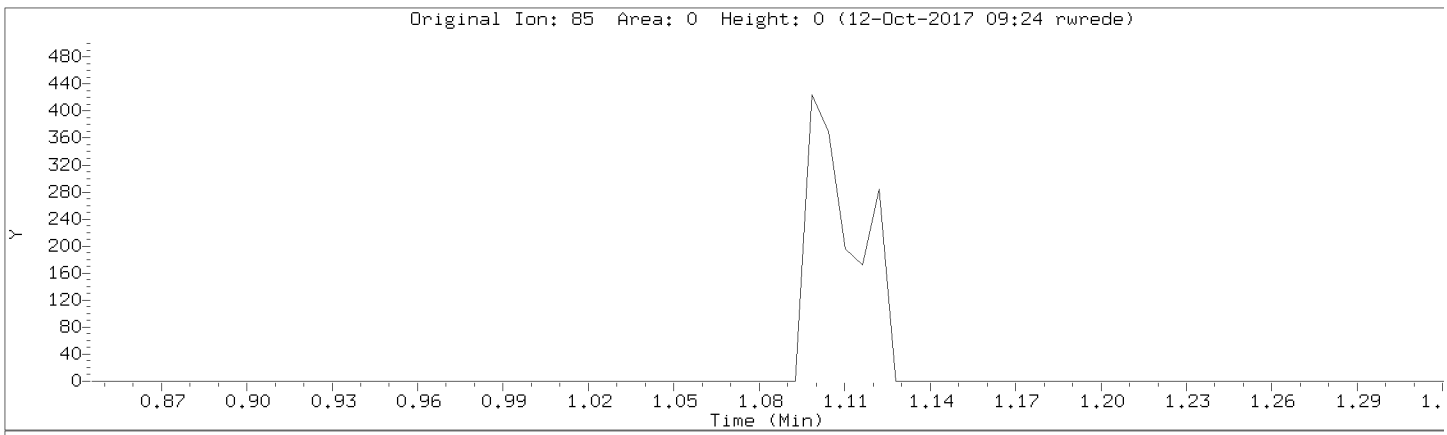
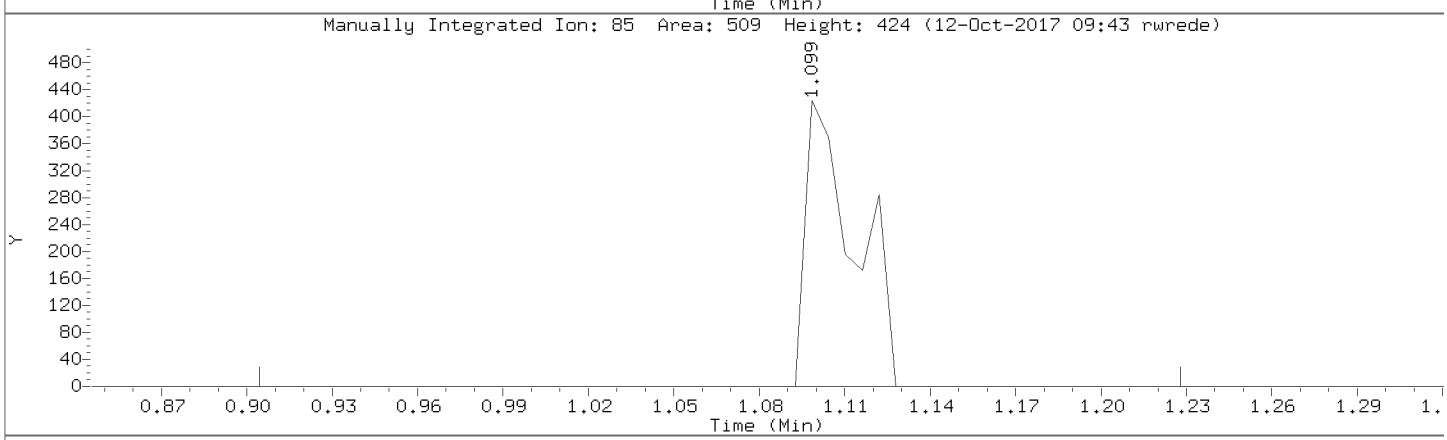
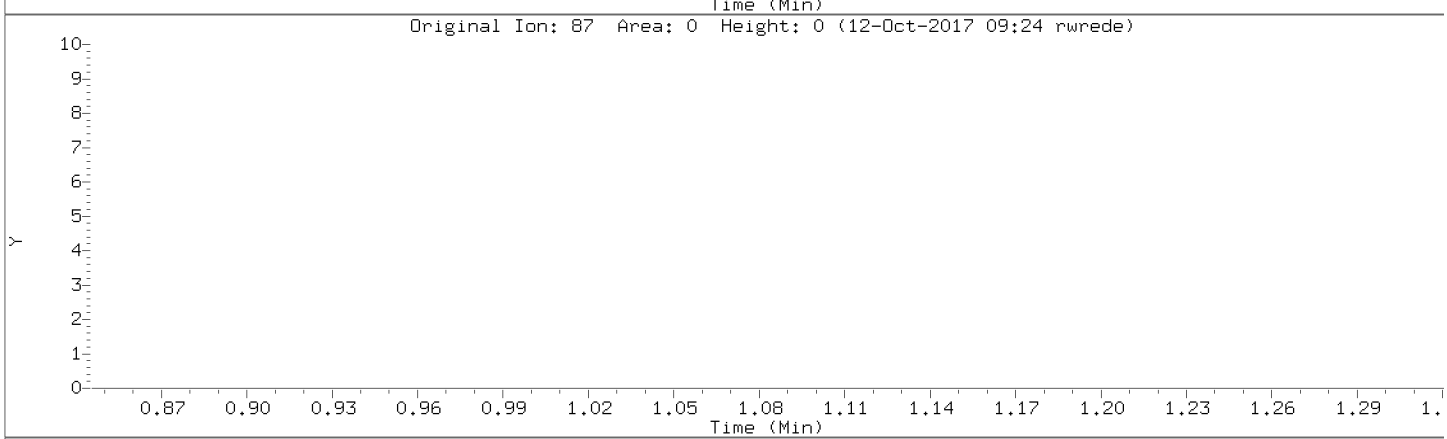
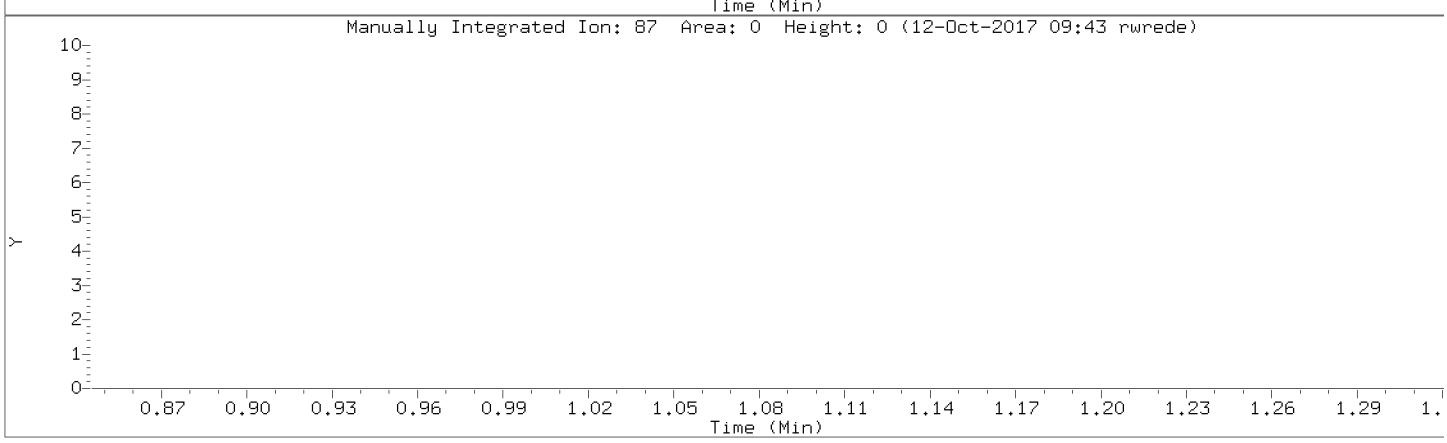
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Dichlorodifluoromethane Review Code: NI
CAS Number: 60-29-7









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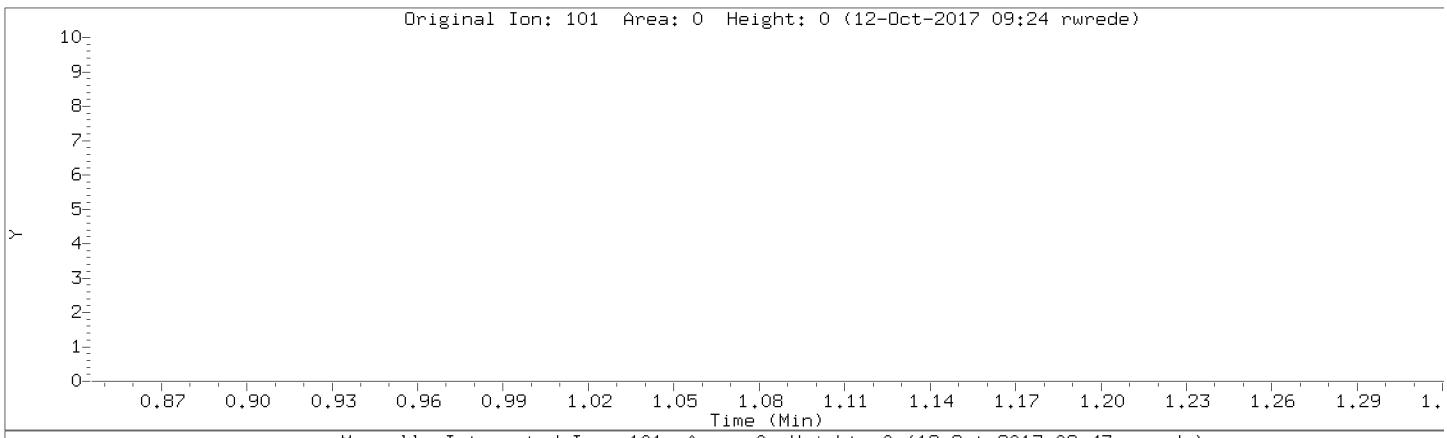
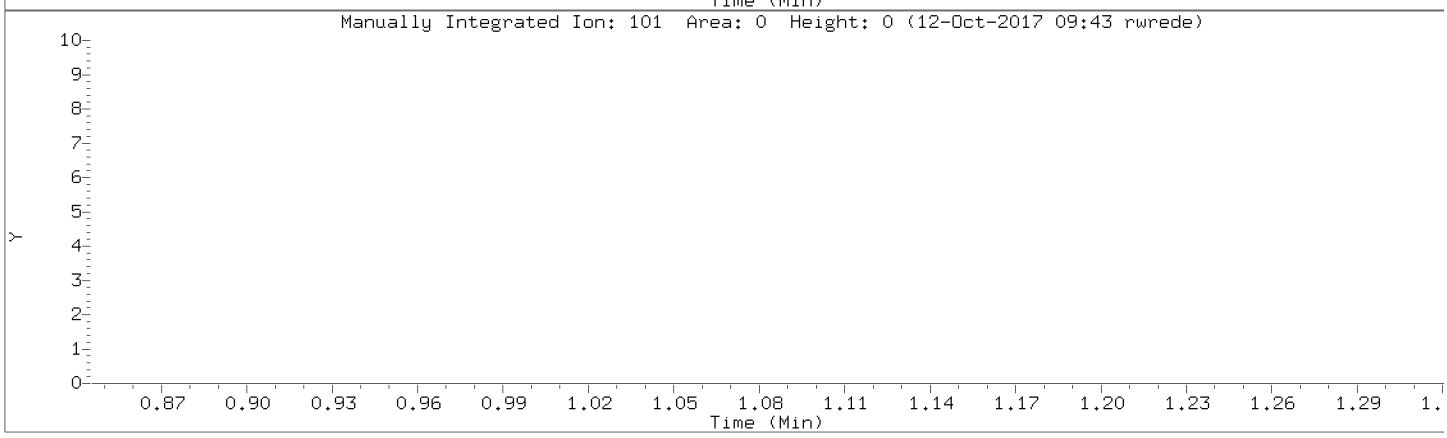
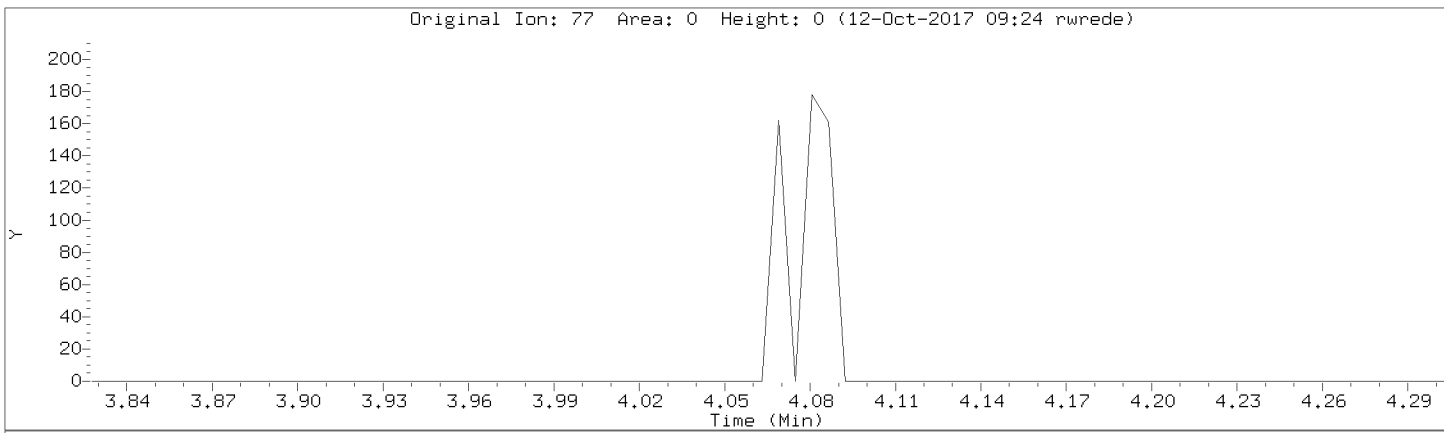
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

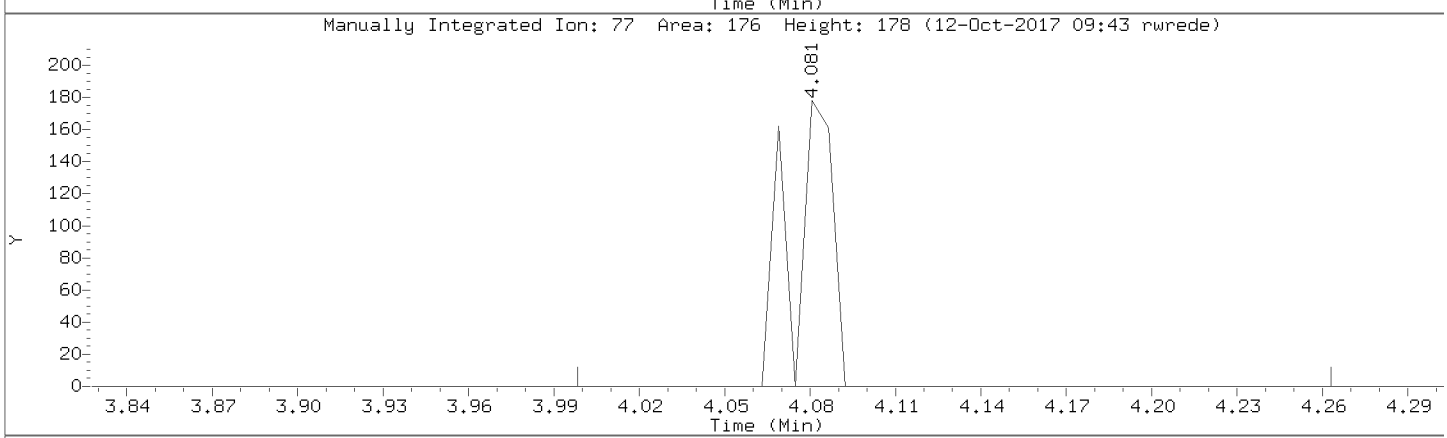


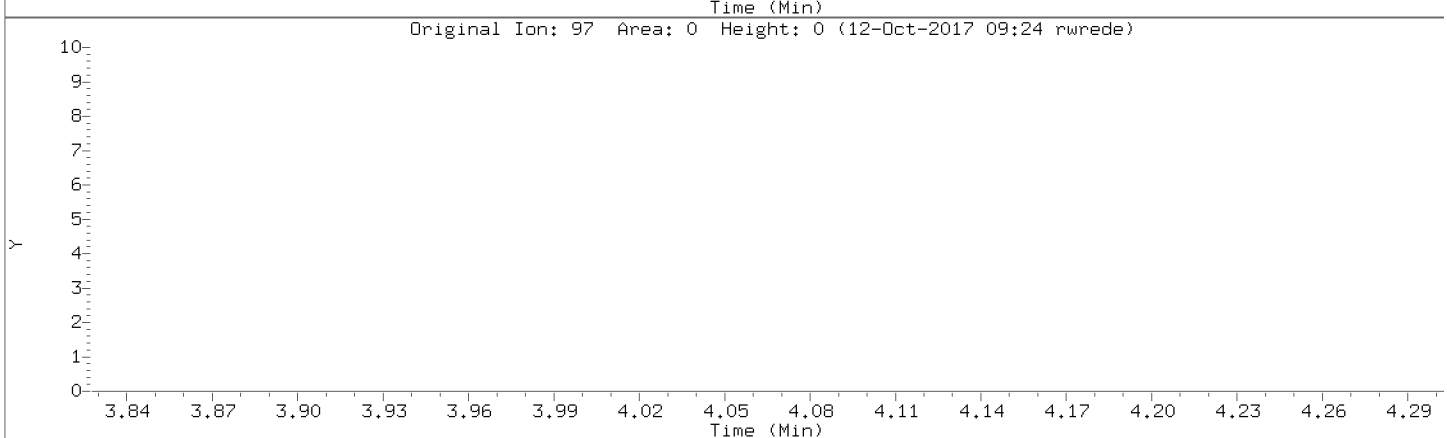


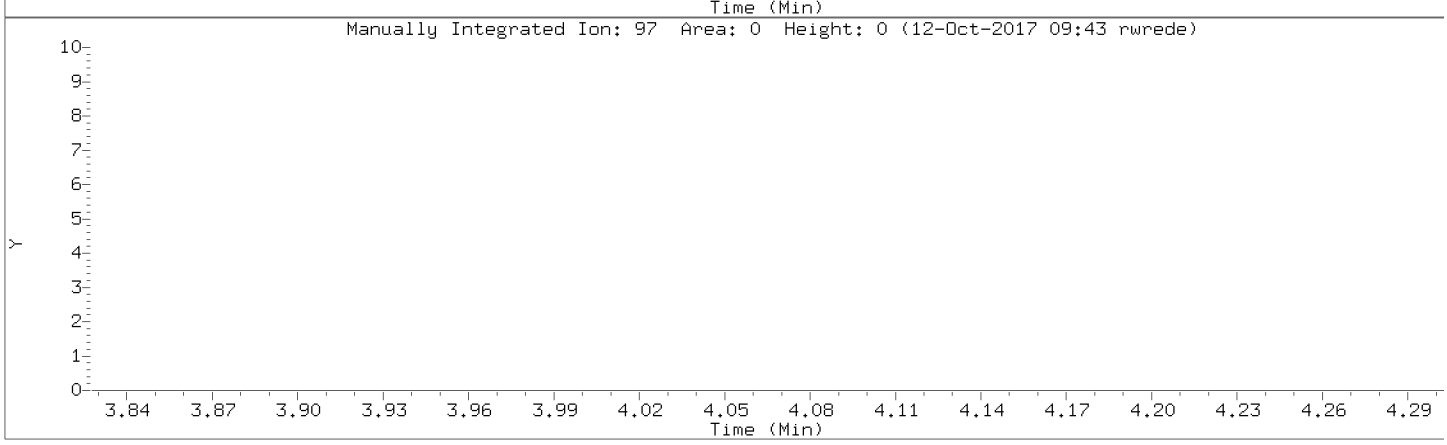
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 2,2-Dichloropropane Review Code: NI
CAS Number: 594-20-7



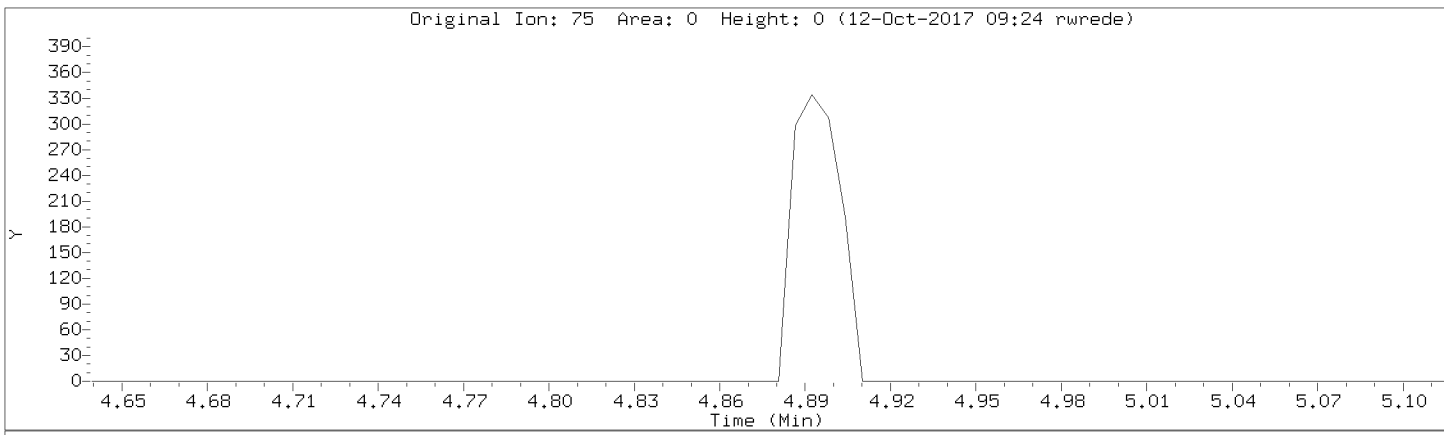


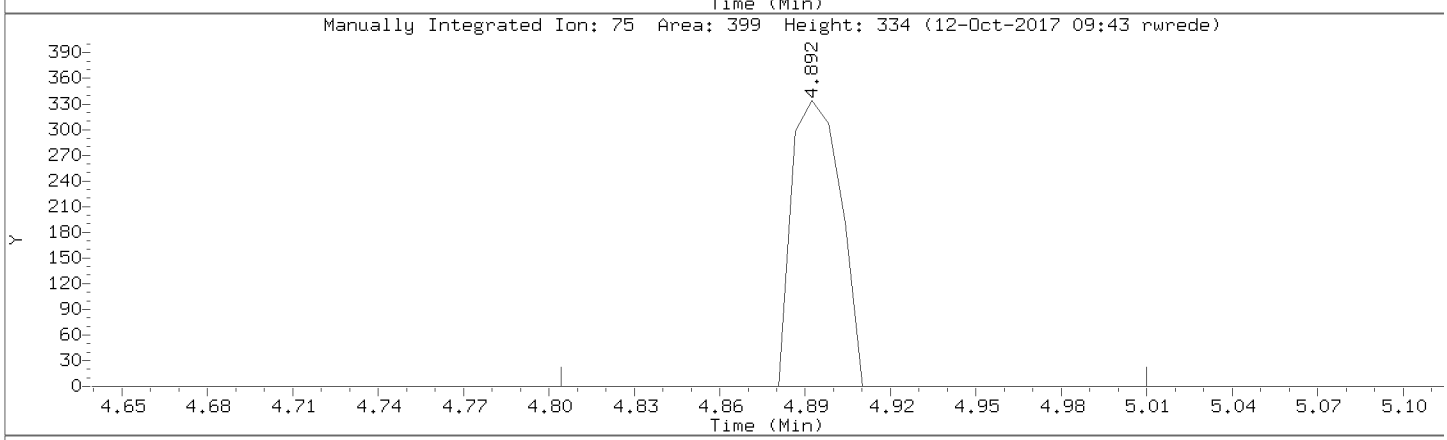


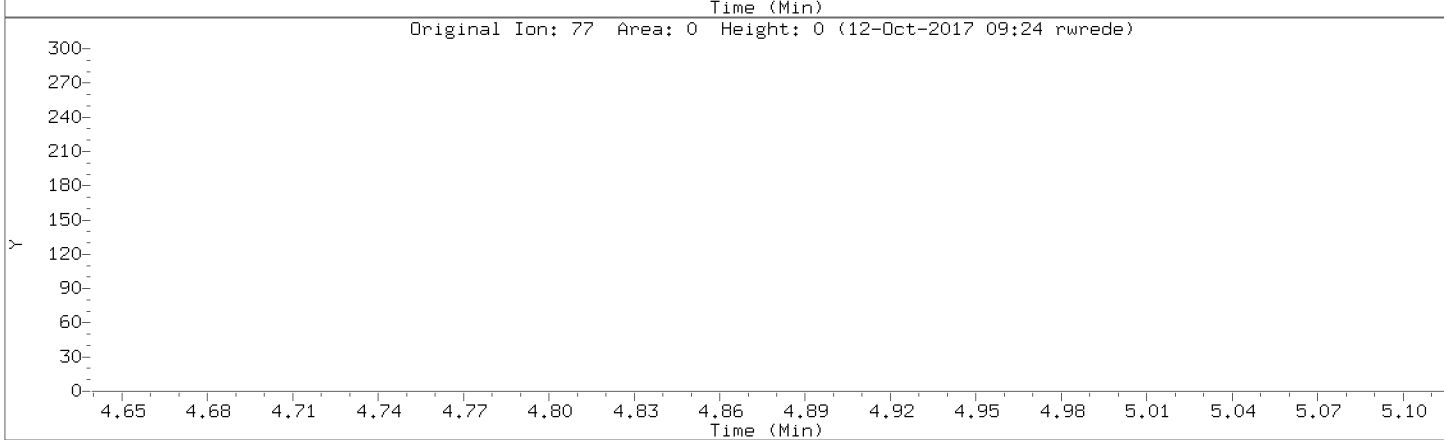


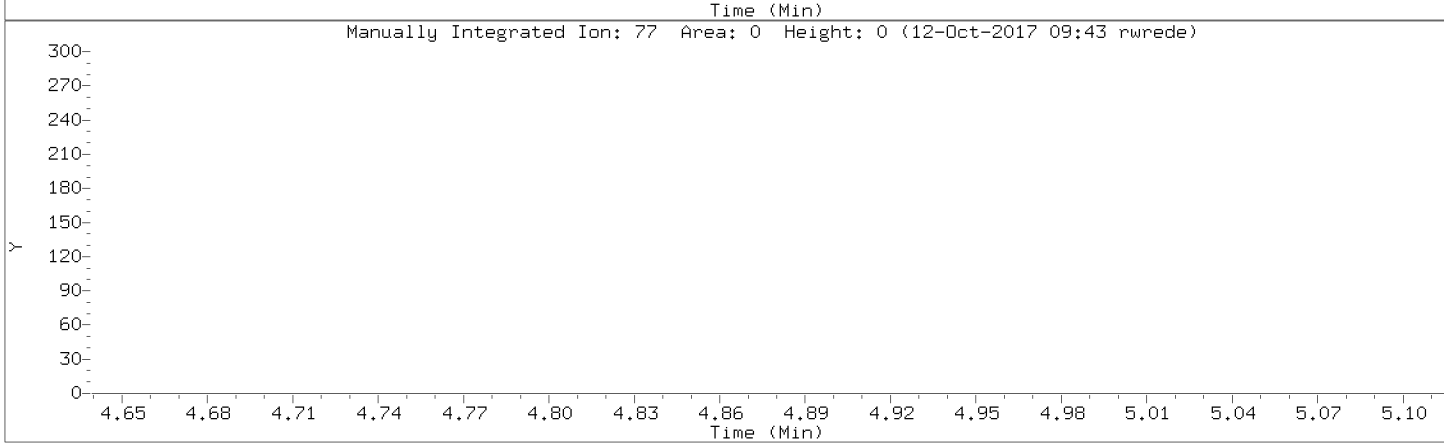
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1-Dichloropropene Review Code: NI
CAS Number: 563-58-6









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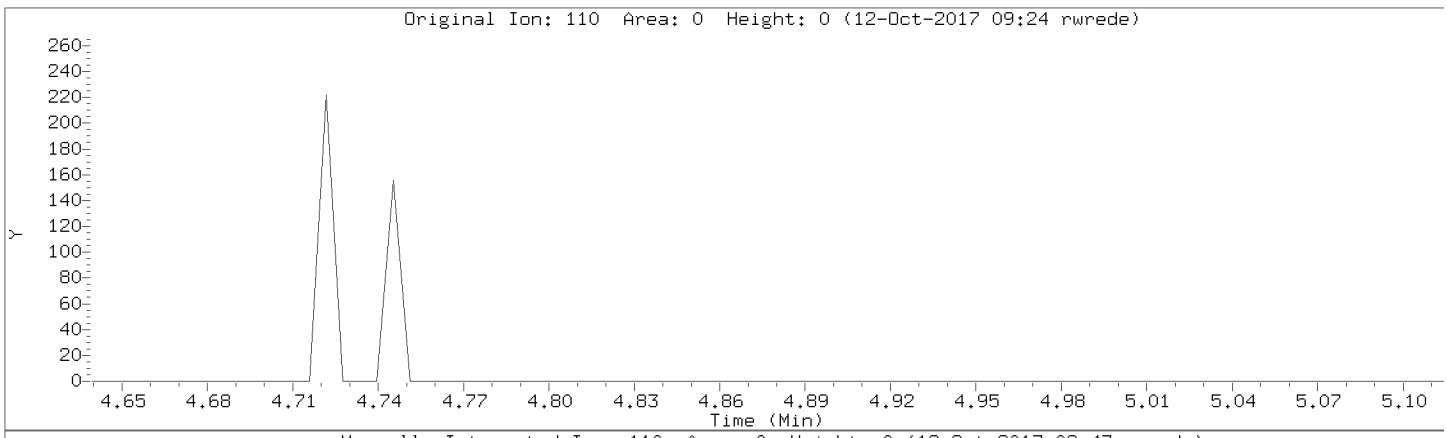
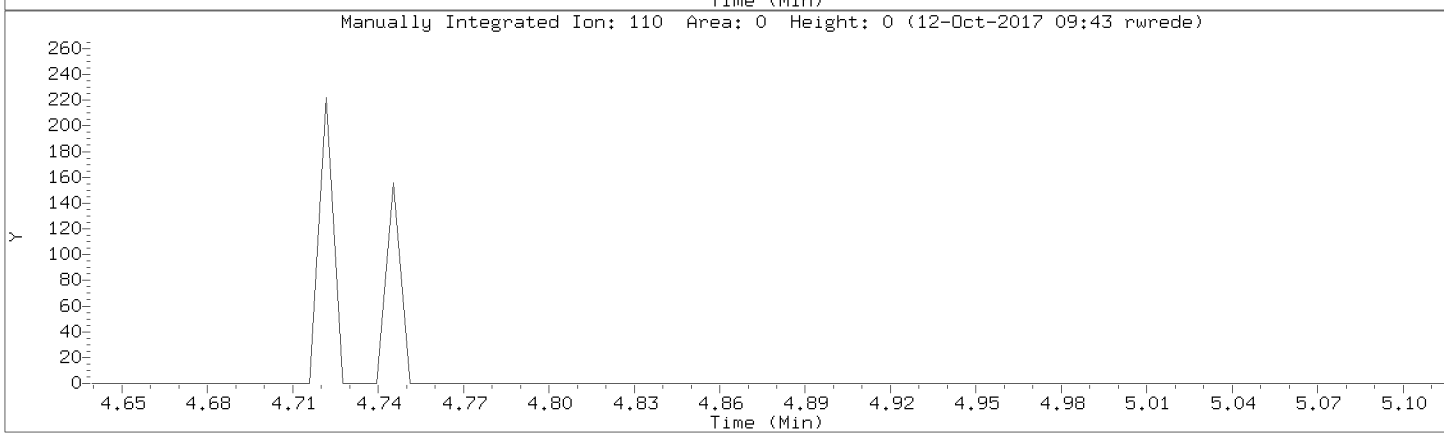
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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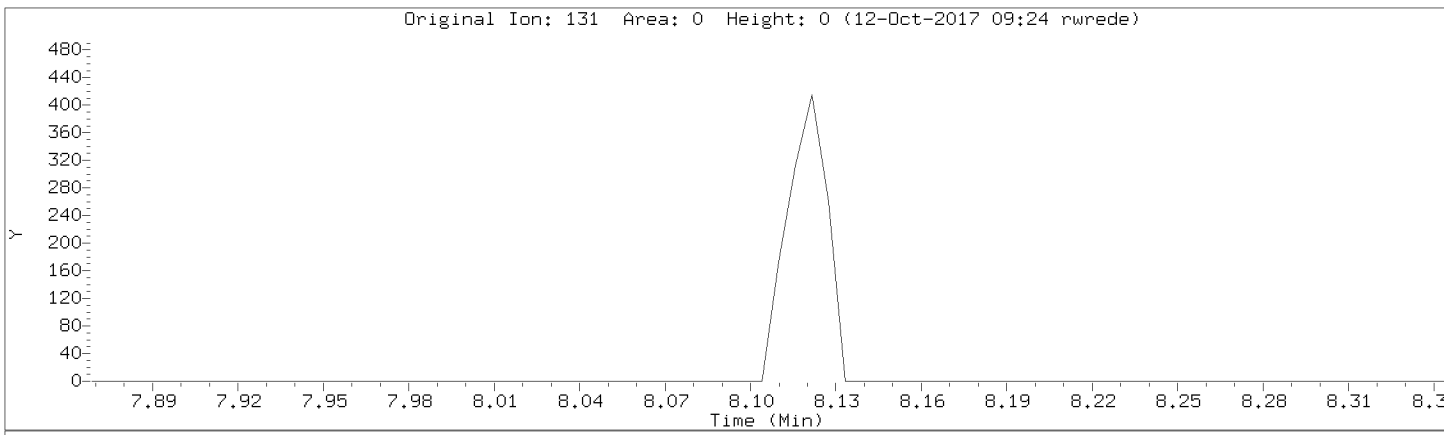
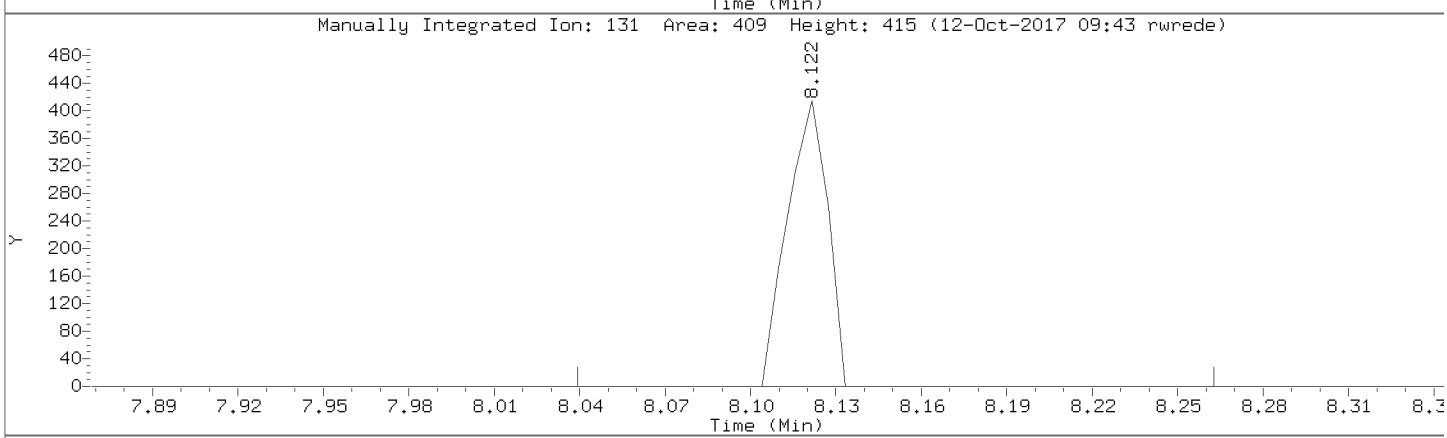
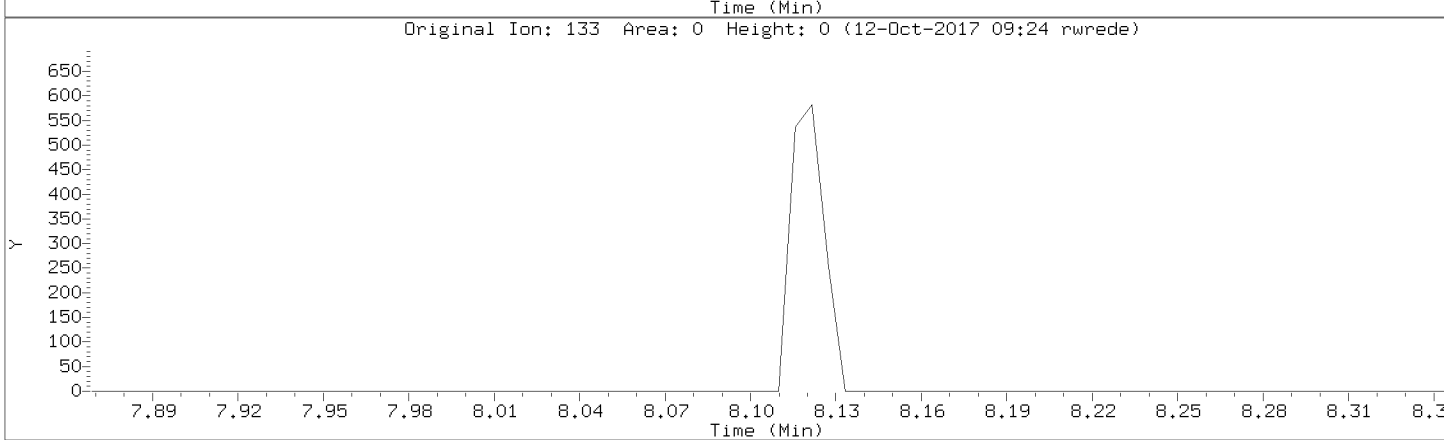
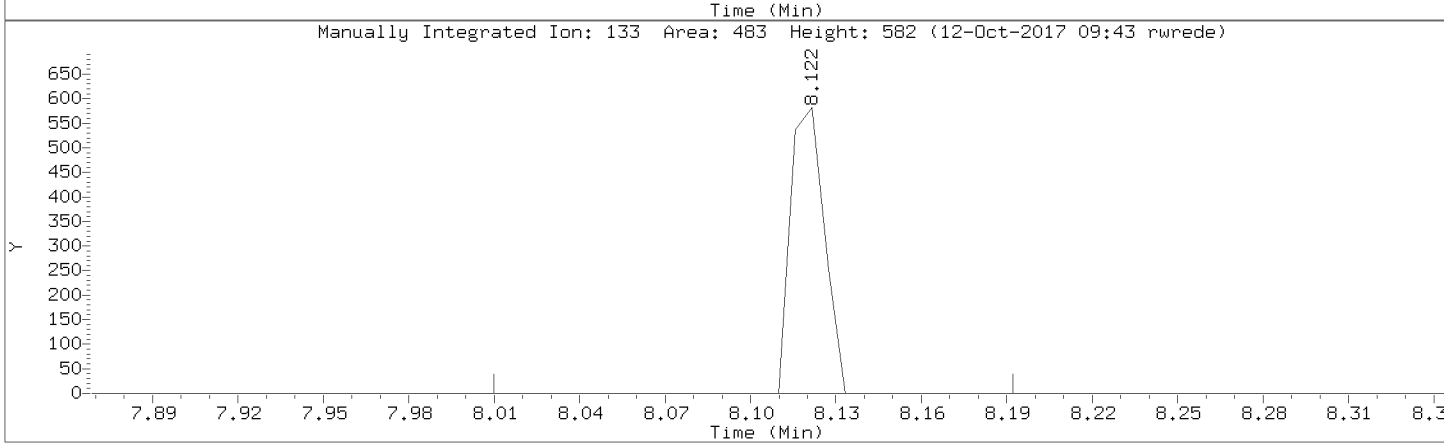
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,1,1,2-Tetrachloroethane Review Code: NI
CAS Number: 630-20-6

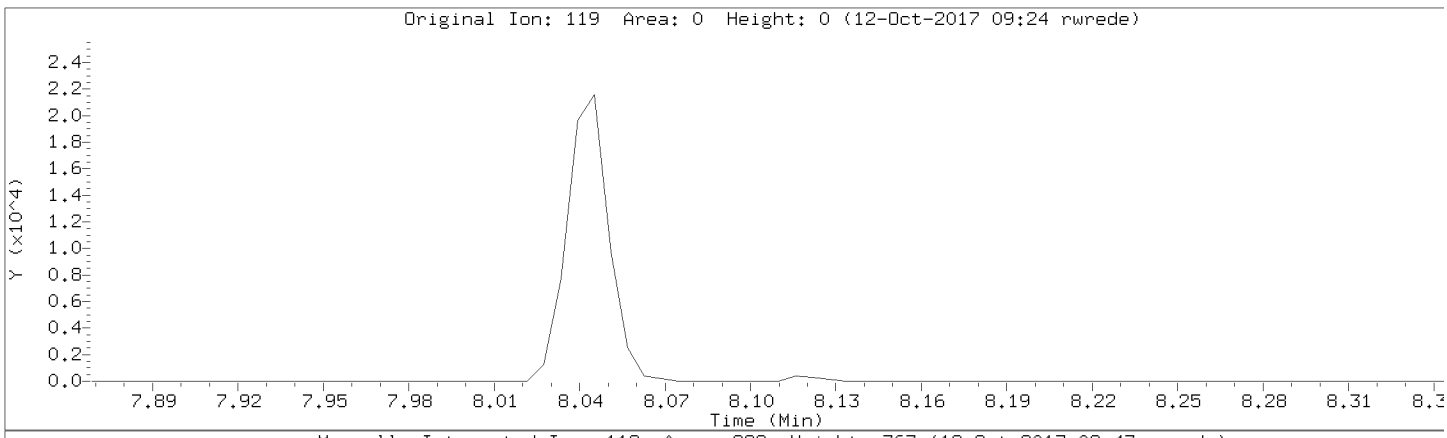


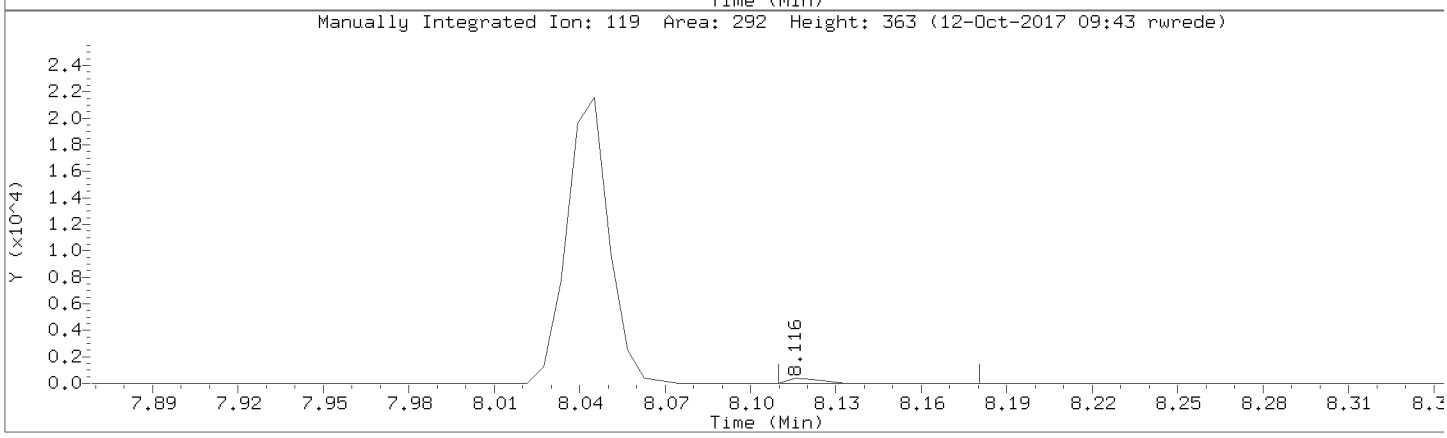






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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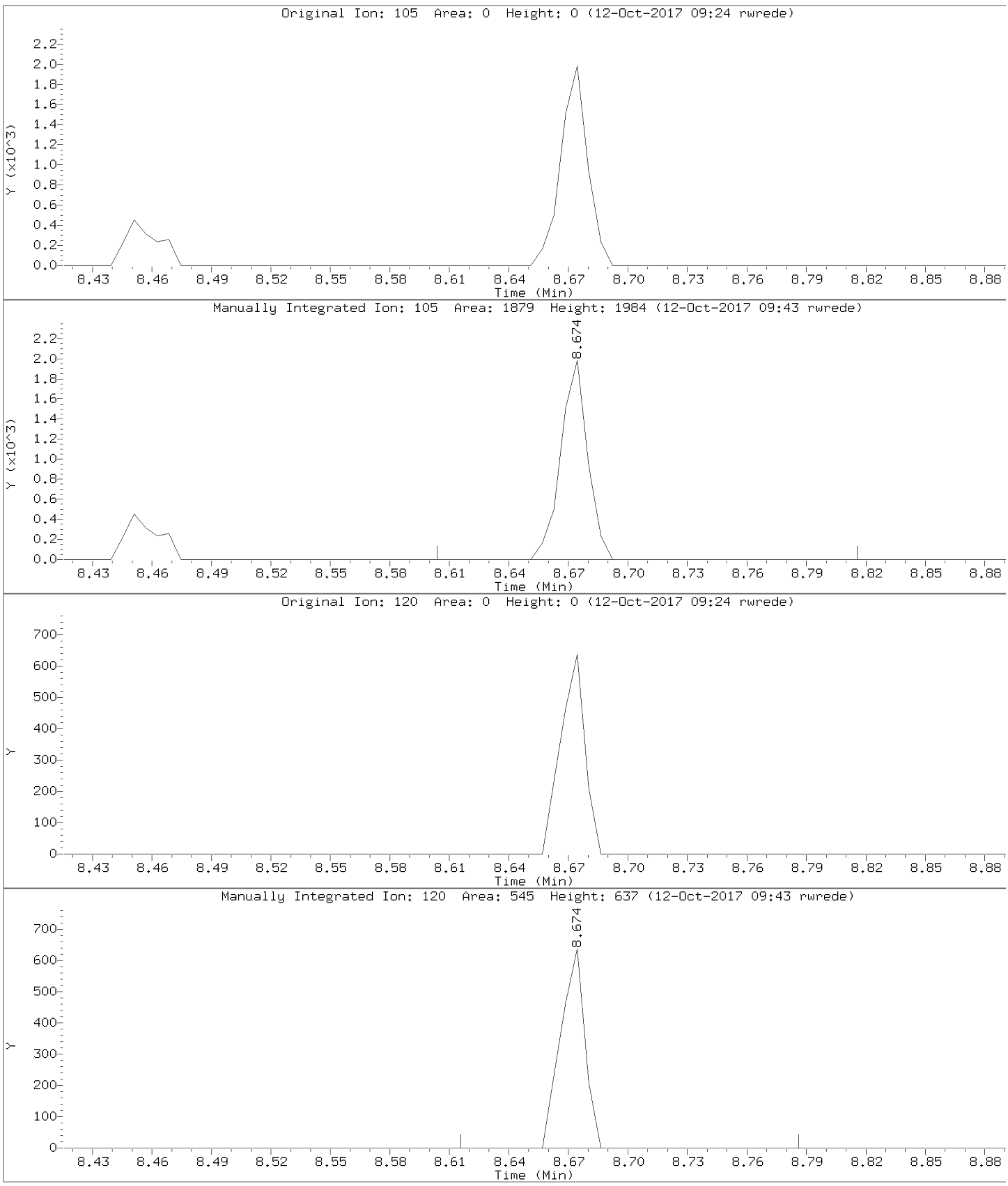
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Isopropylbenzene Review Code: NI
CAS Number: 98-82-8



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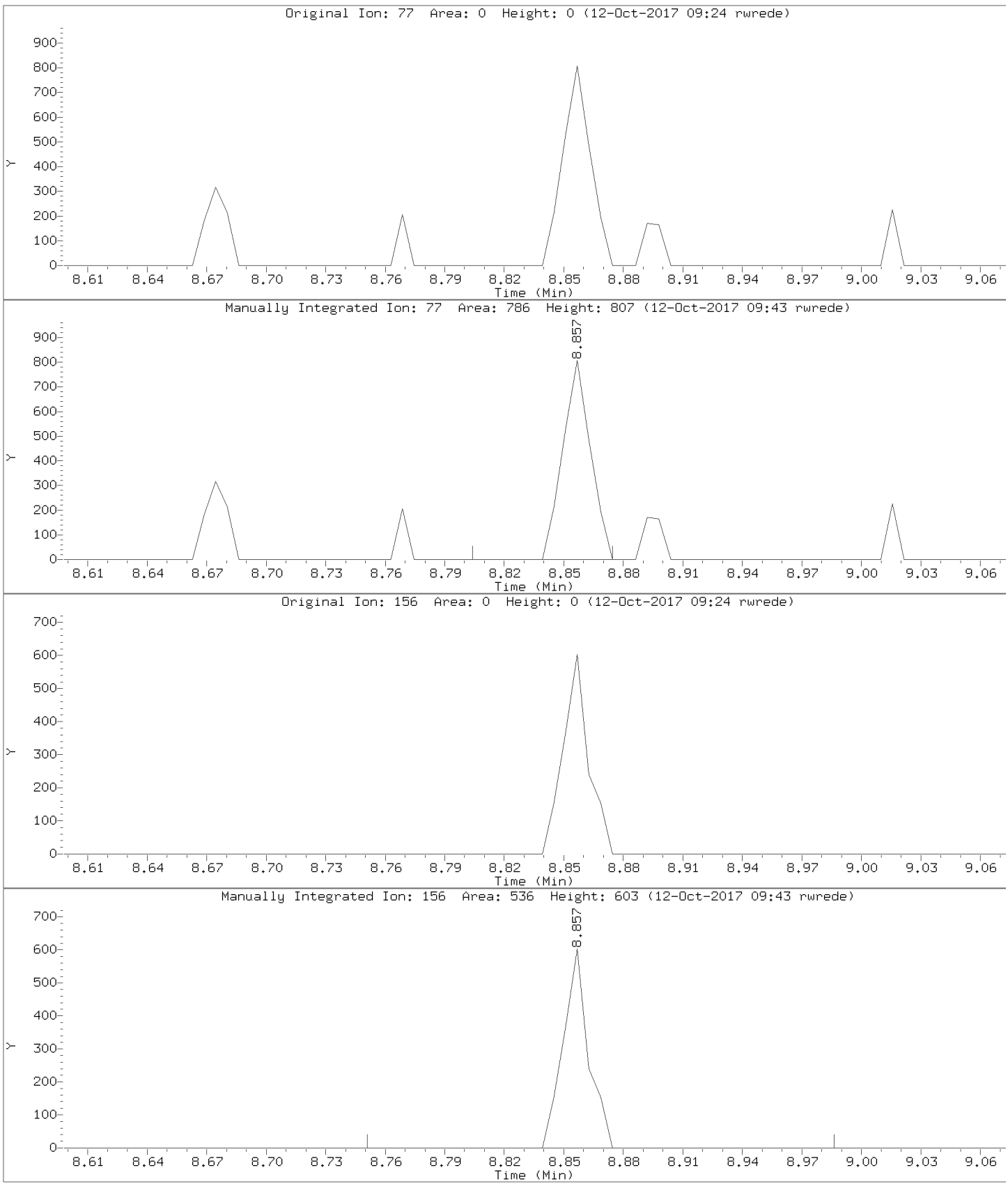
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Bromobenzene Review Code: NI
CAS Number: 108-86-1



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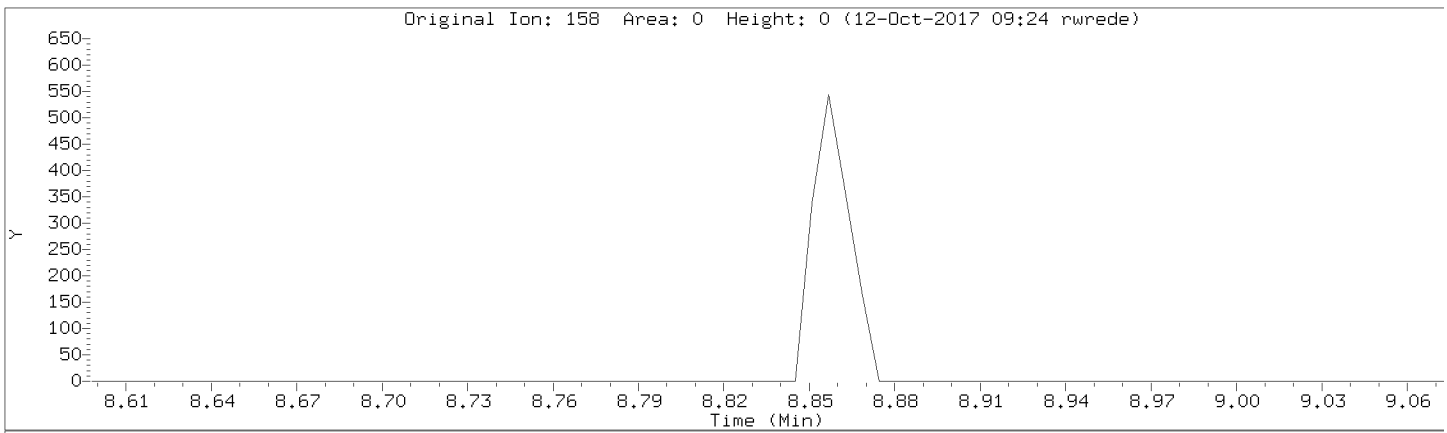
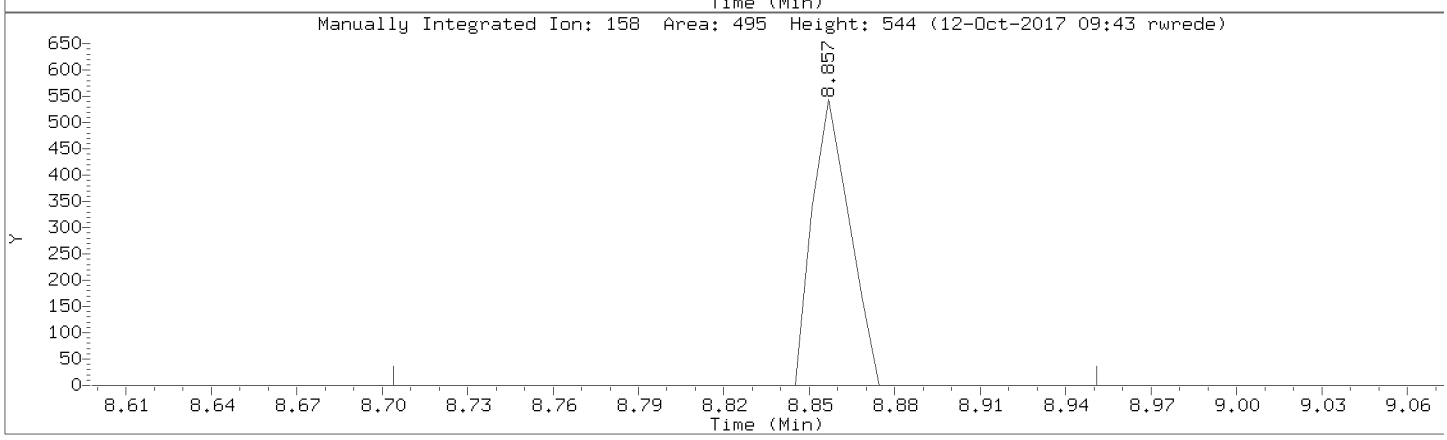
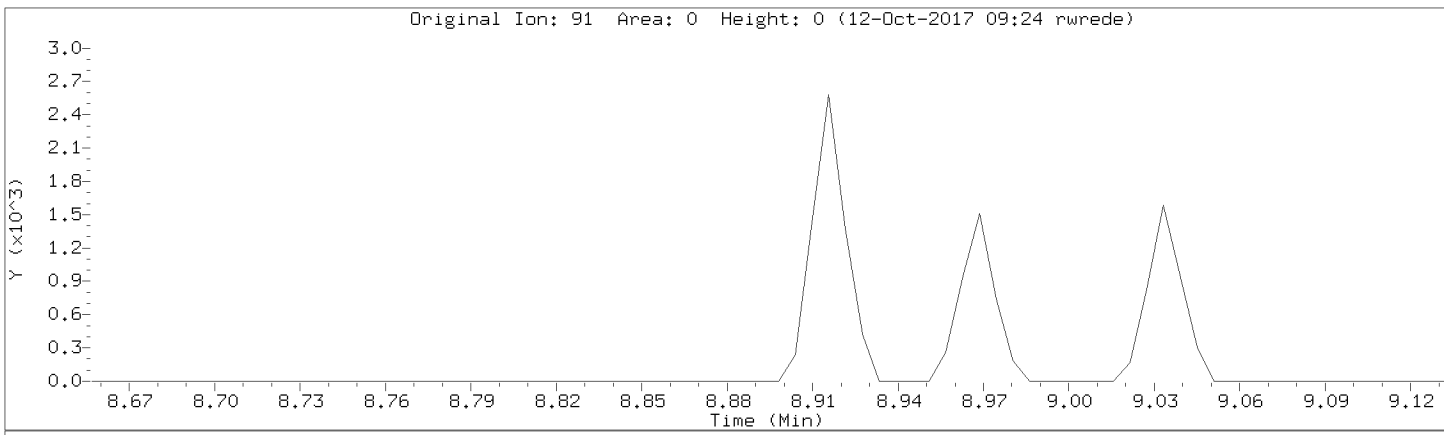
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

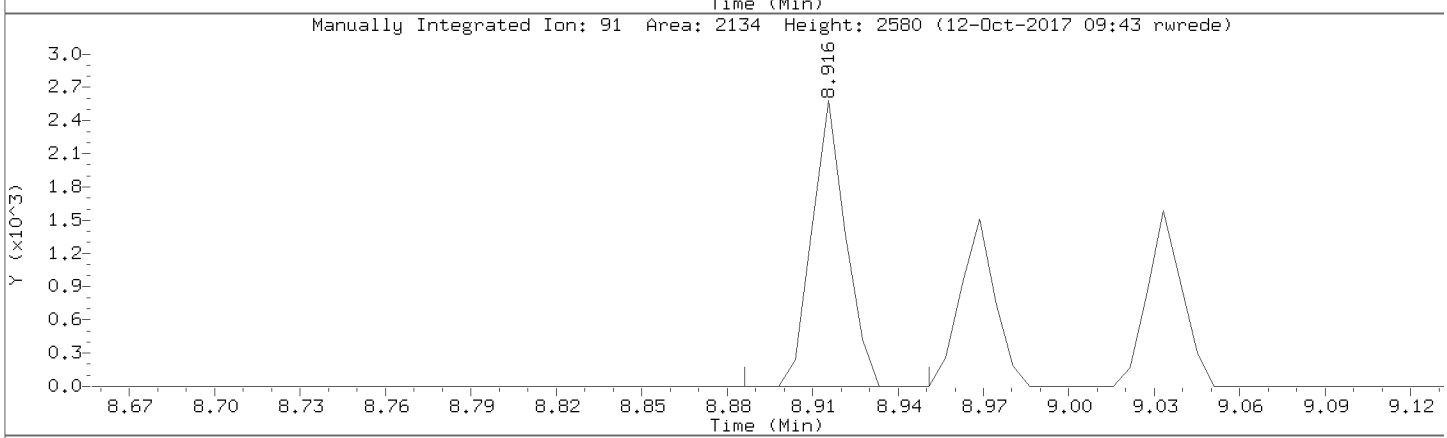


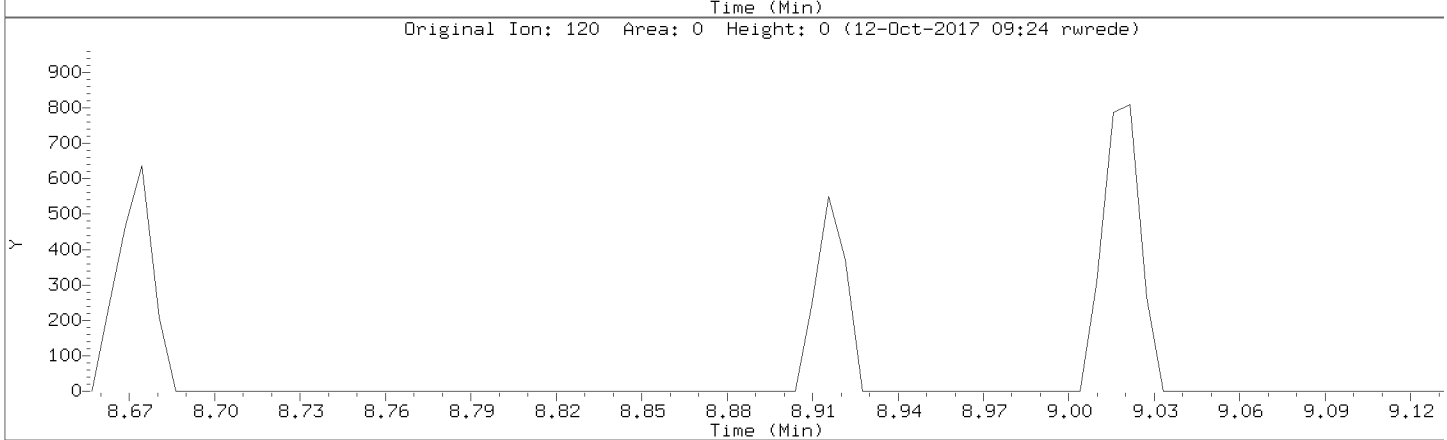


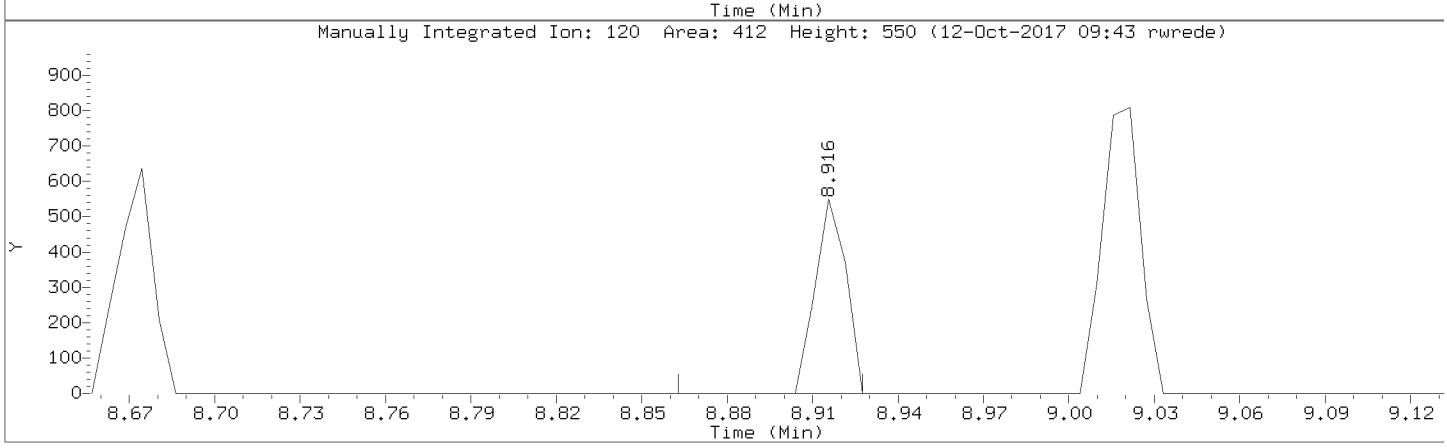
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: n-Propylbenzene Review Code: NI
CAS Number: 103-65-1









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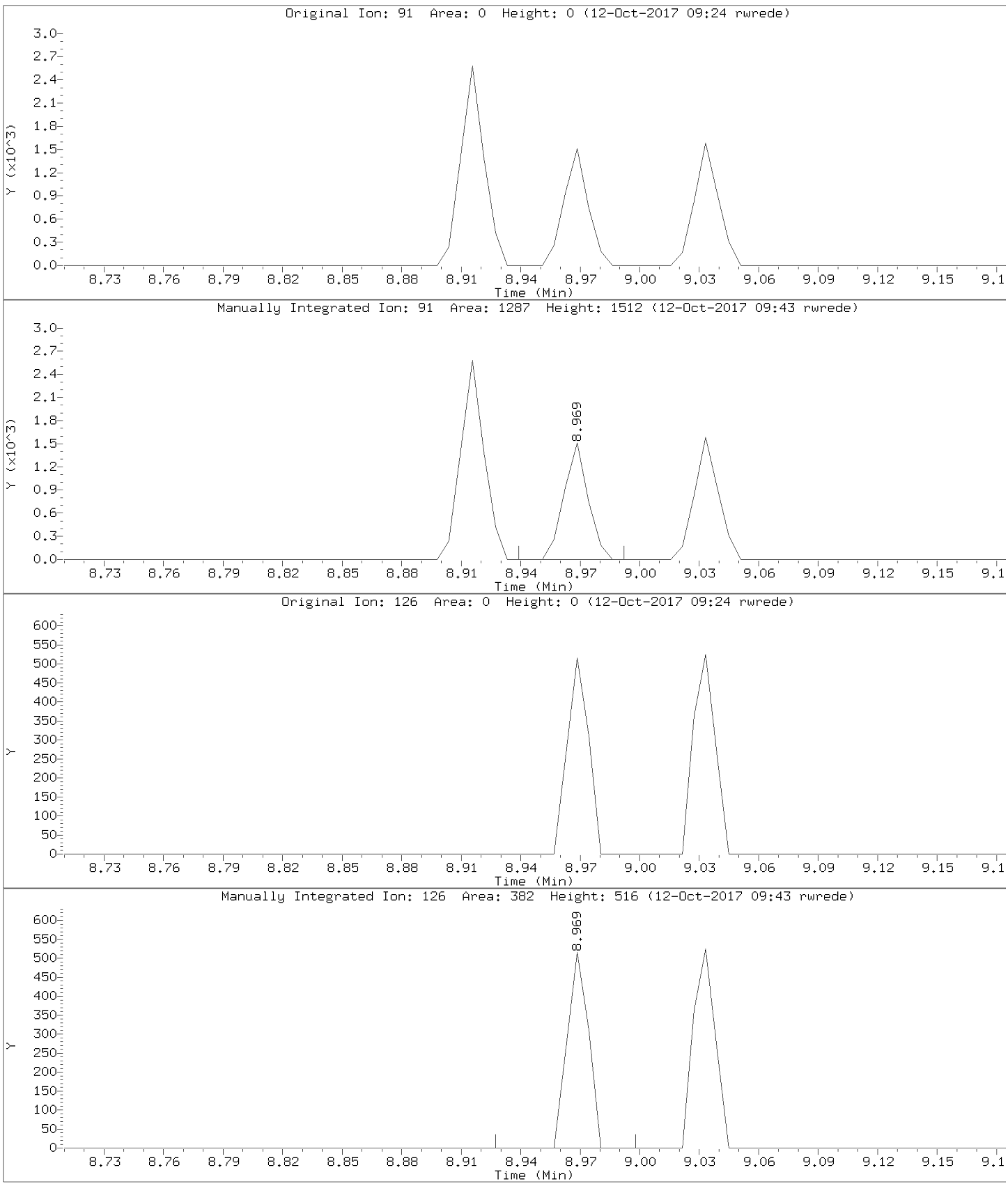
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 2-Chlorotoluene Review Code: NI
CAS Number: 95-49-8



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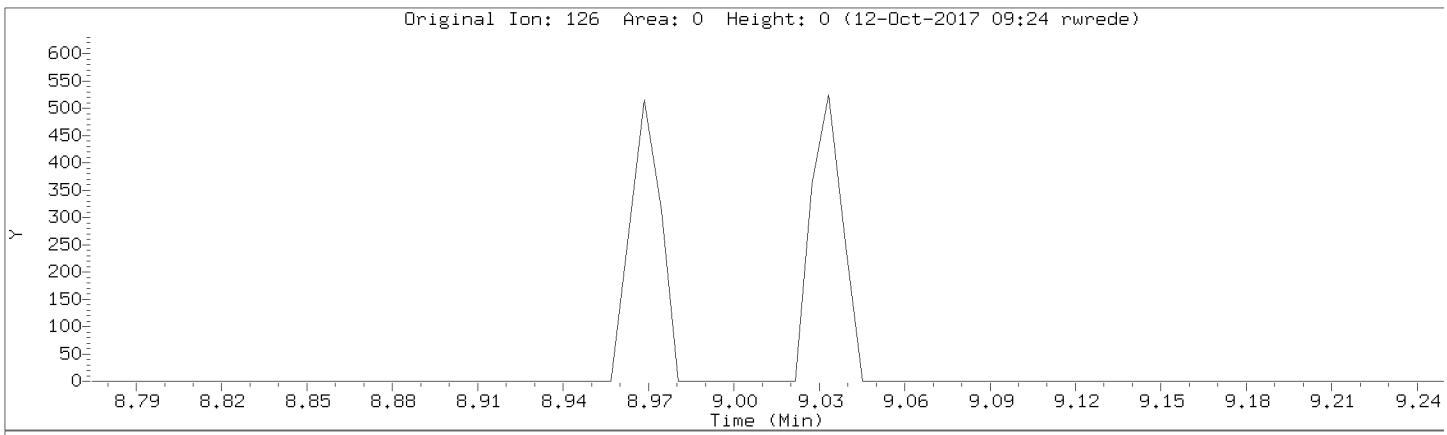
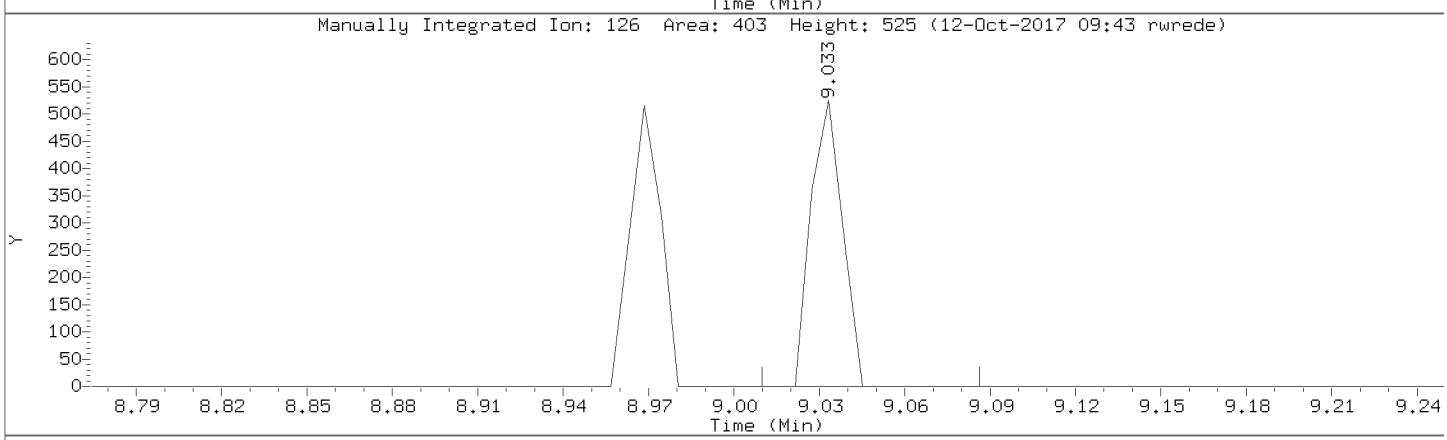
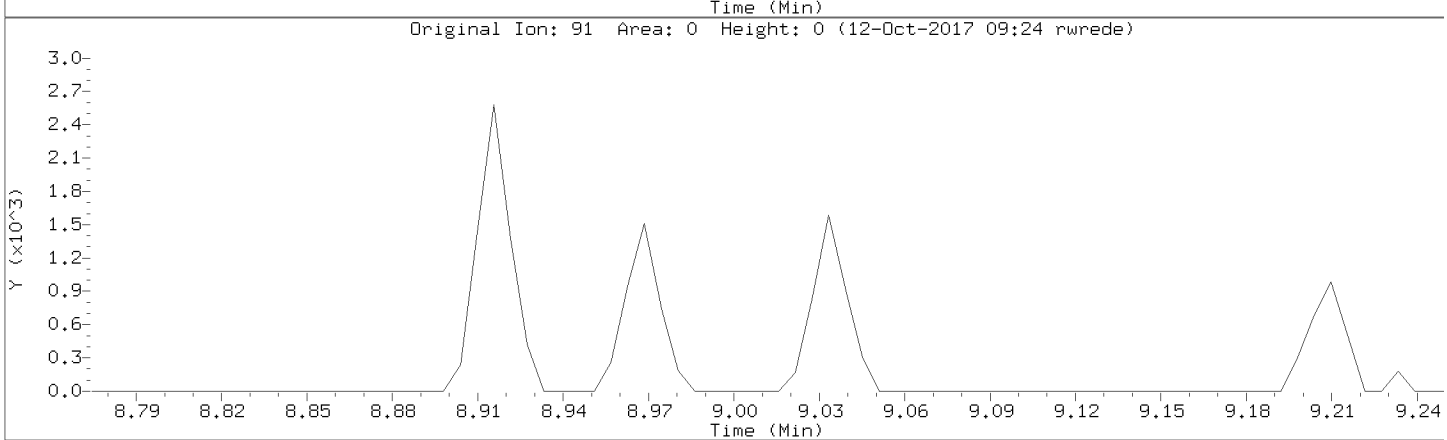
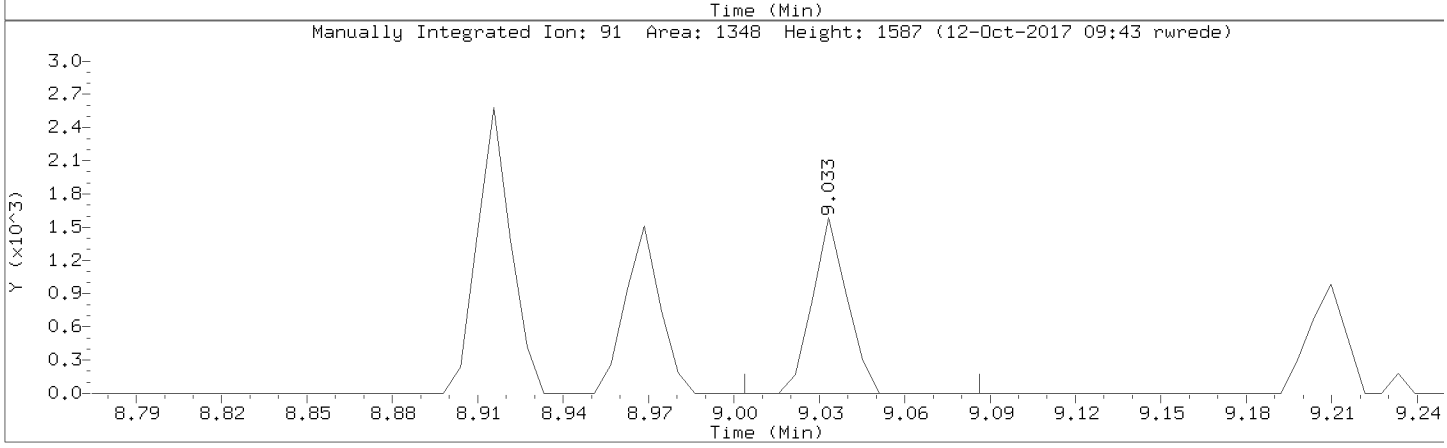
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 4-Chlorotoluene Review Code: NI
CAS Number: 106-43-4









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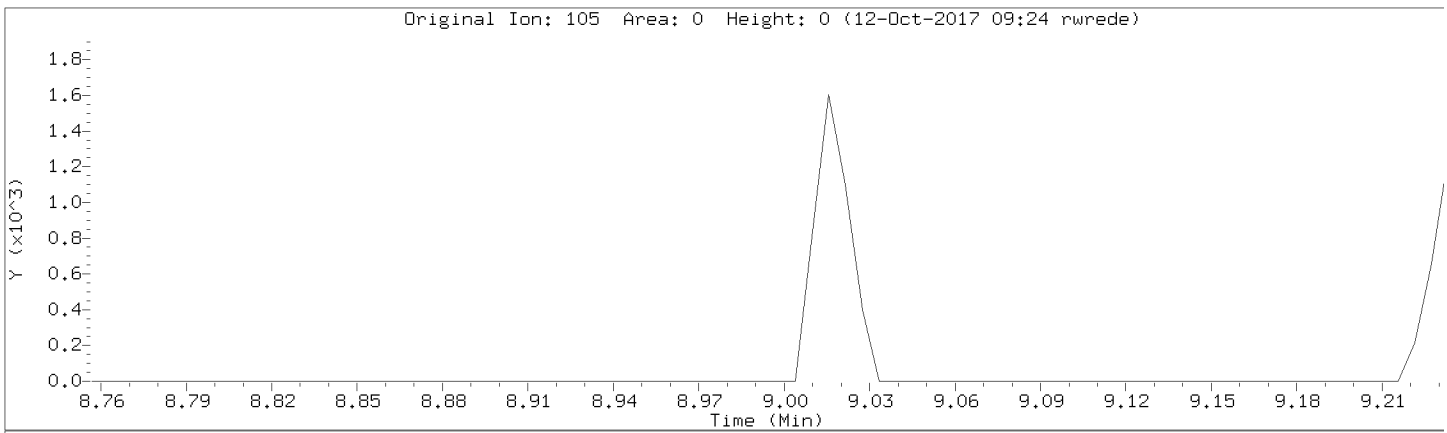
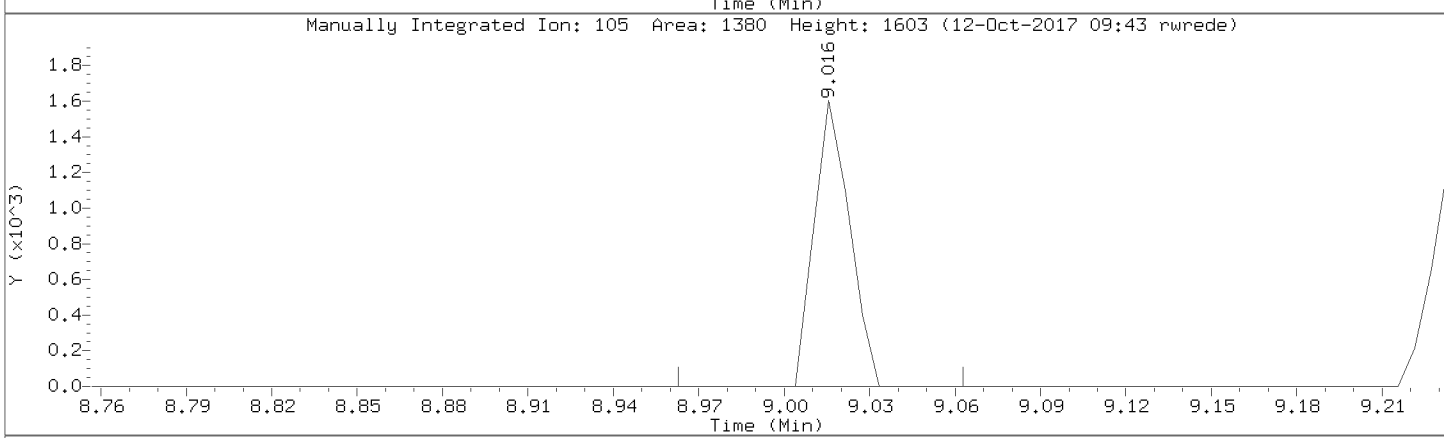
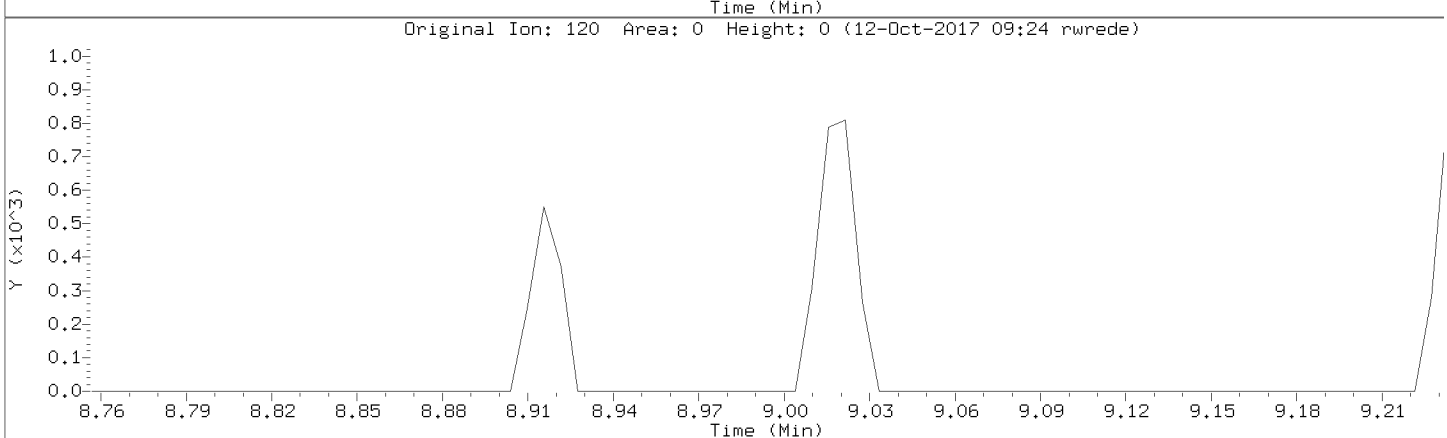
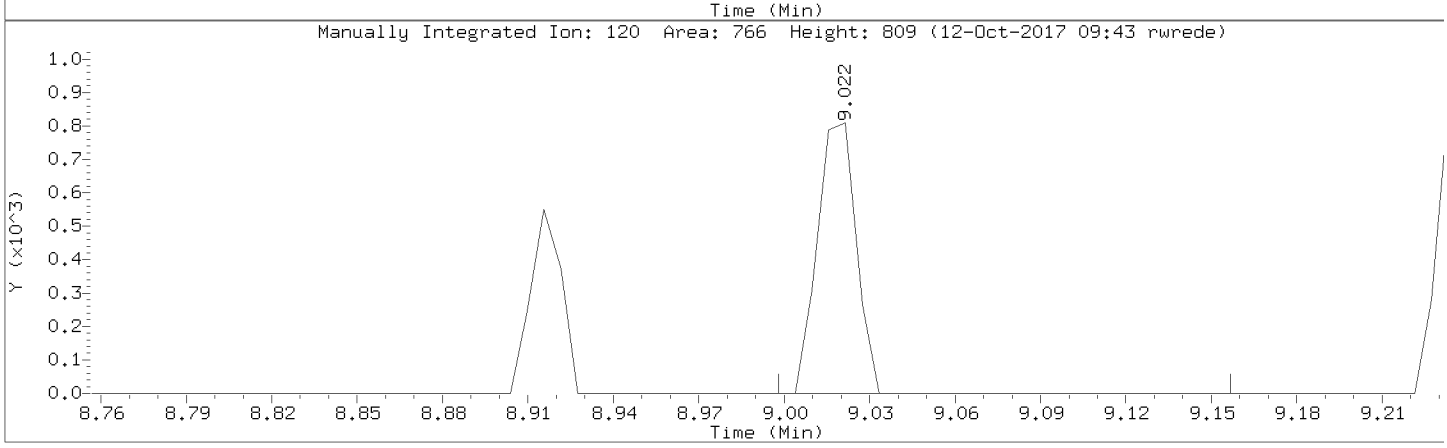
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,3,5-Trimethylbenzene Review Code: NI
CAS Number: 108-67-8









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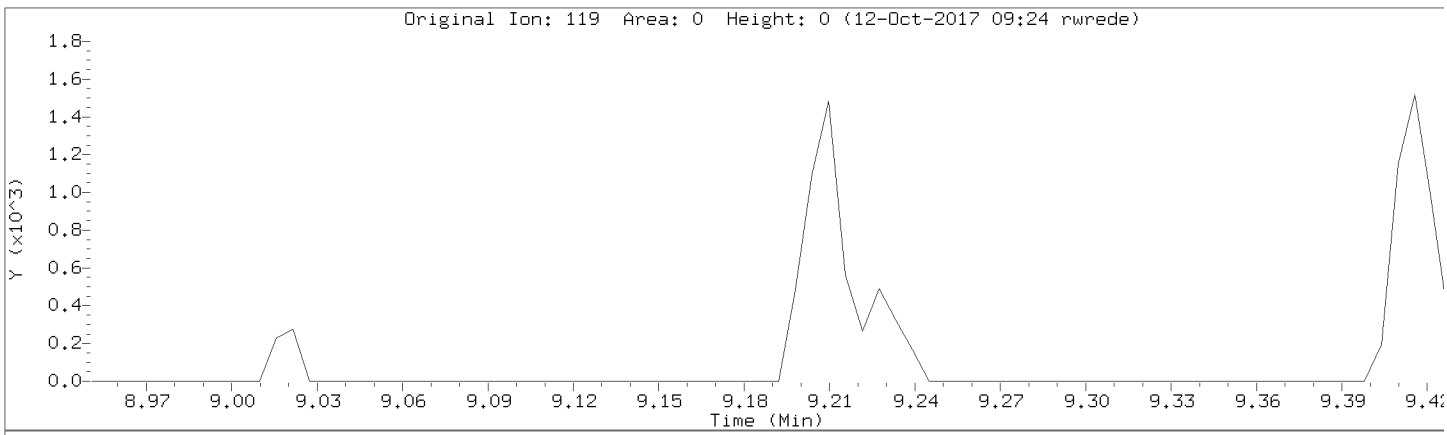
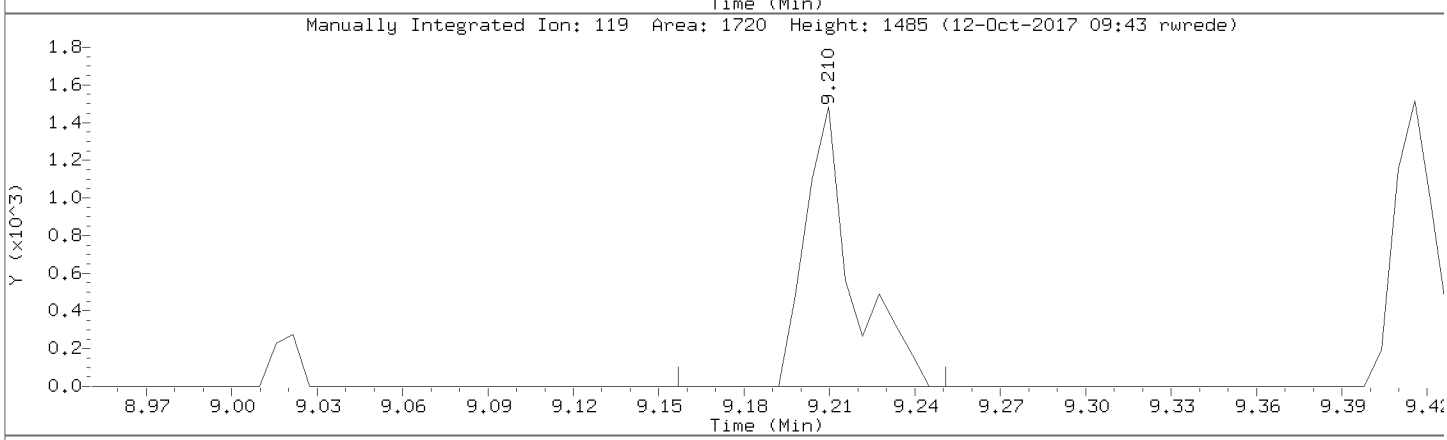
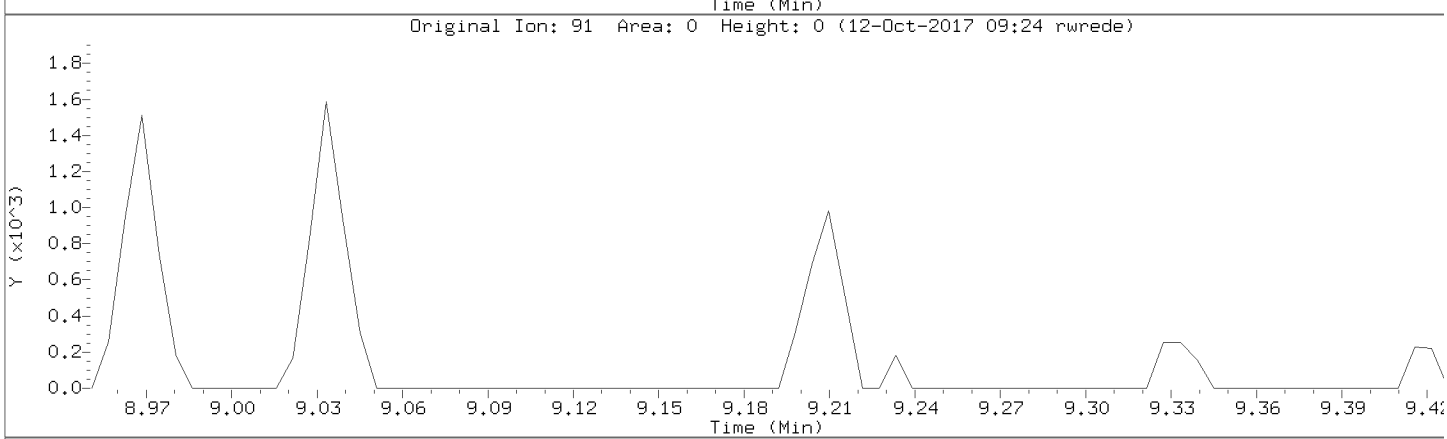
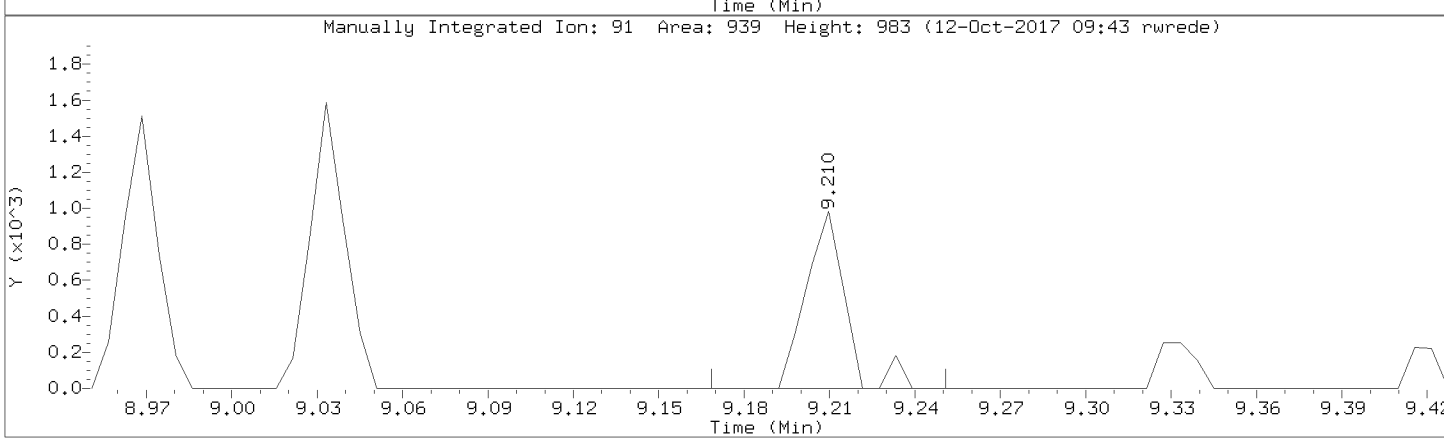
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: tert-Butylbenzene Review Code: NI
CAS Number: 98-06-6









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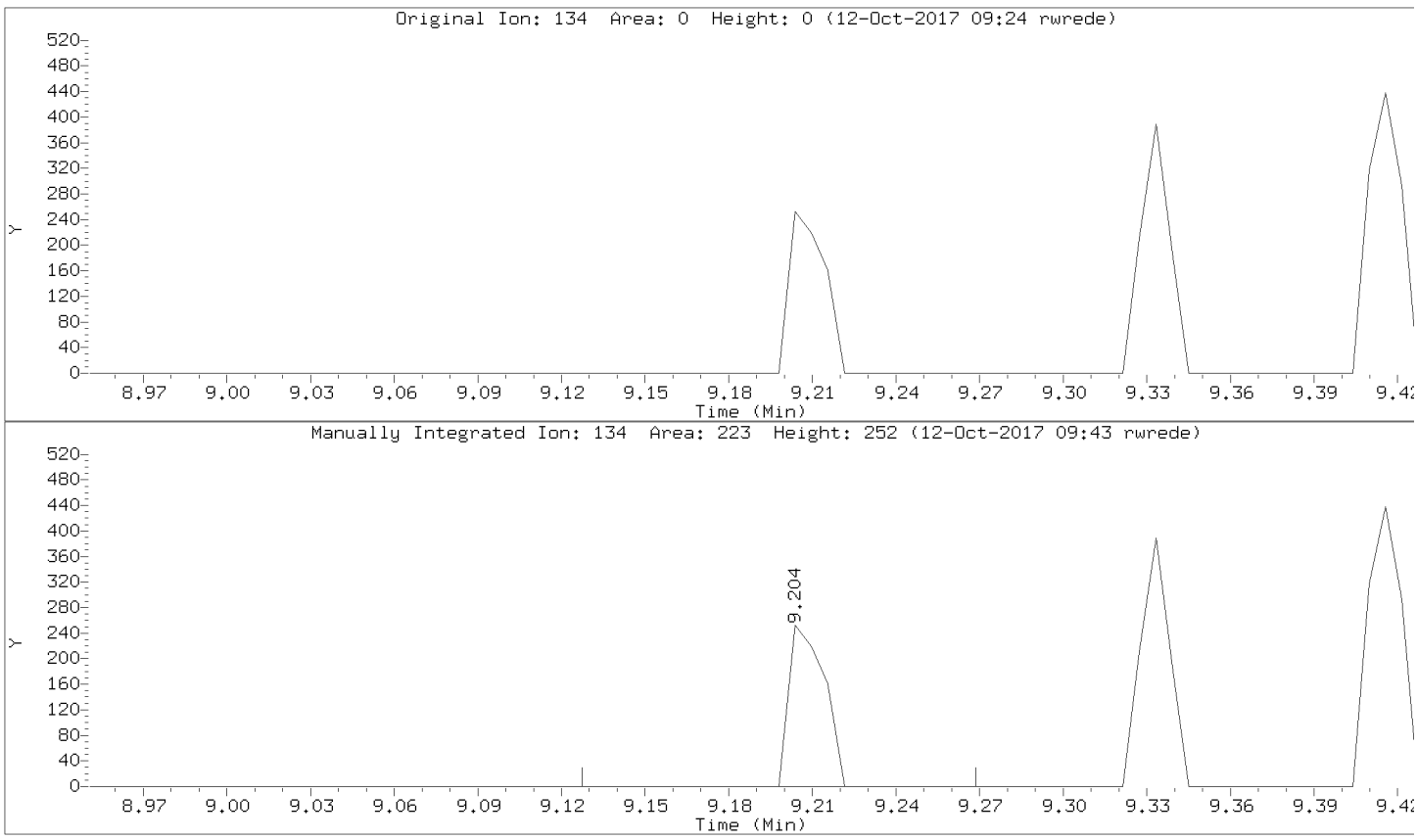
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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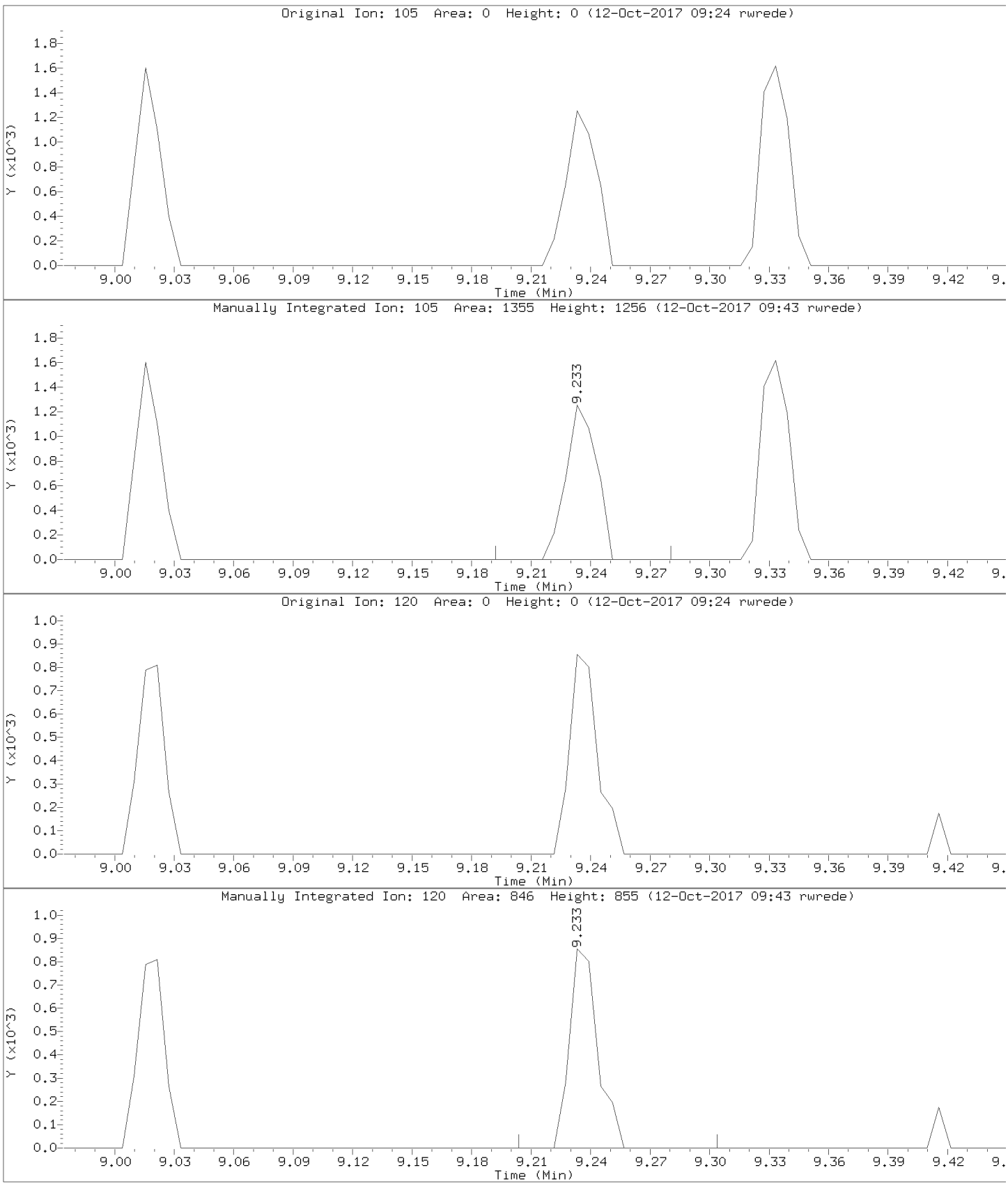
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2,4-Trimethylbenzene Review Code: NI
CAS Number: 95-63-6



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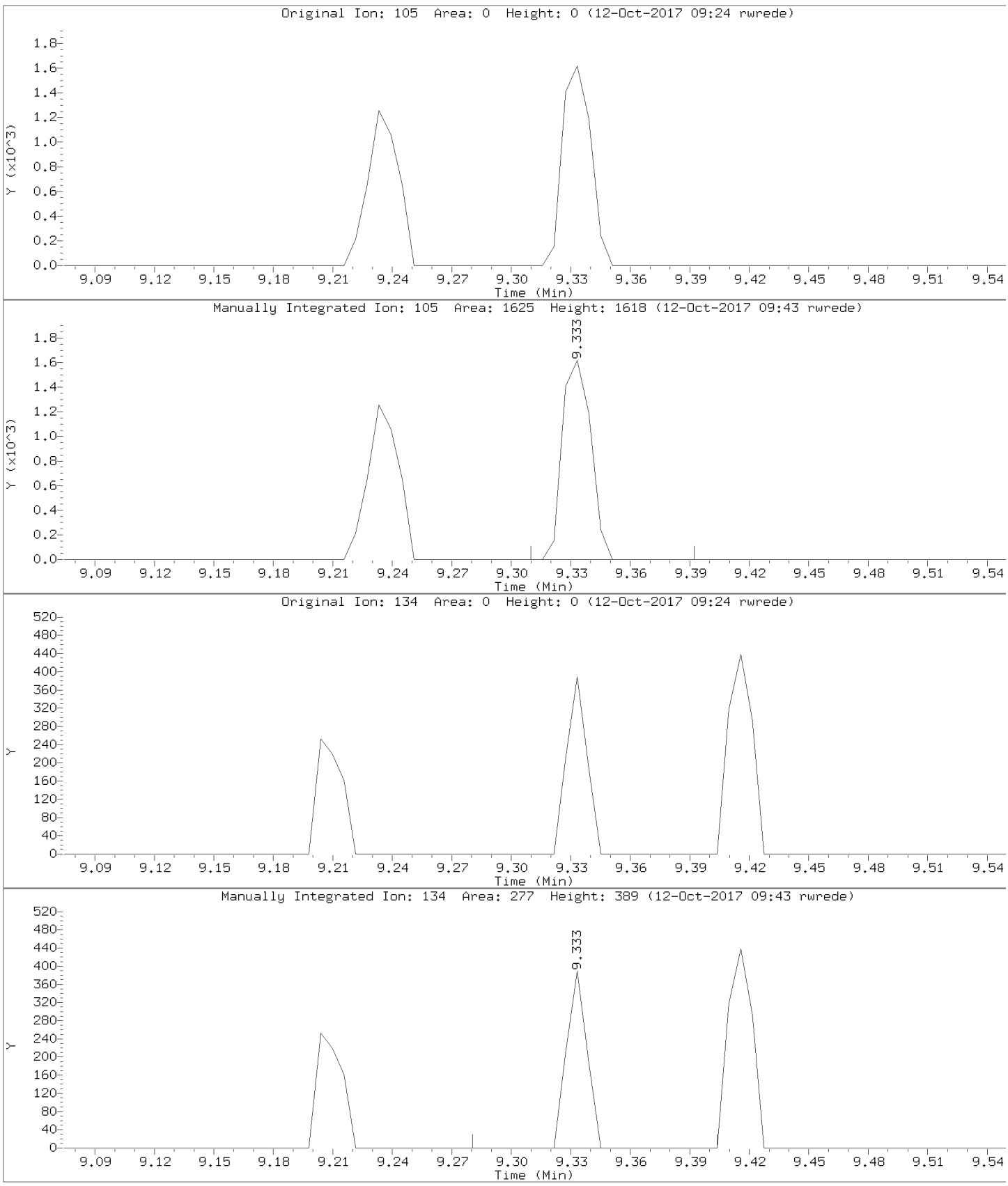
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: sec-Butylbenzene Review Code: NI
CAS Number: 135-98-8



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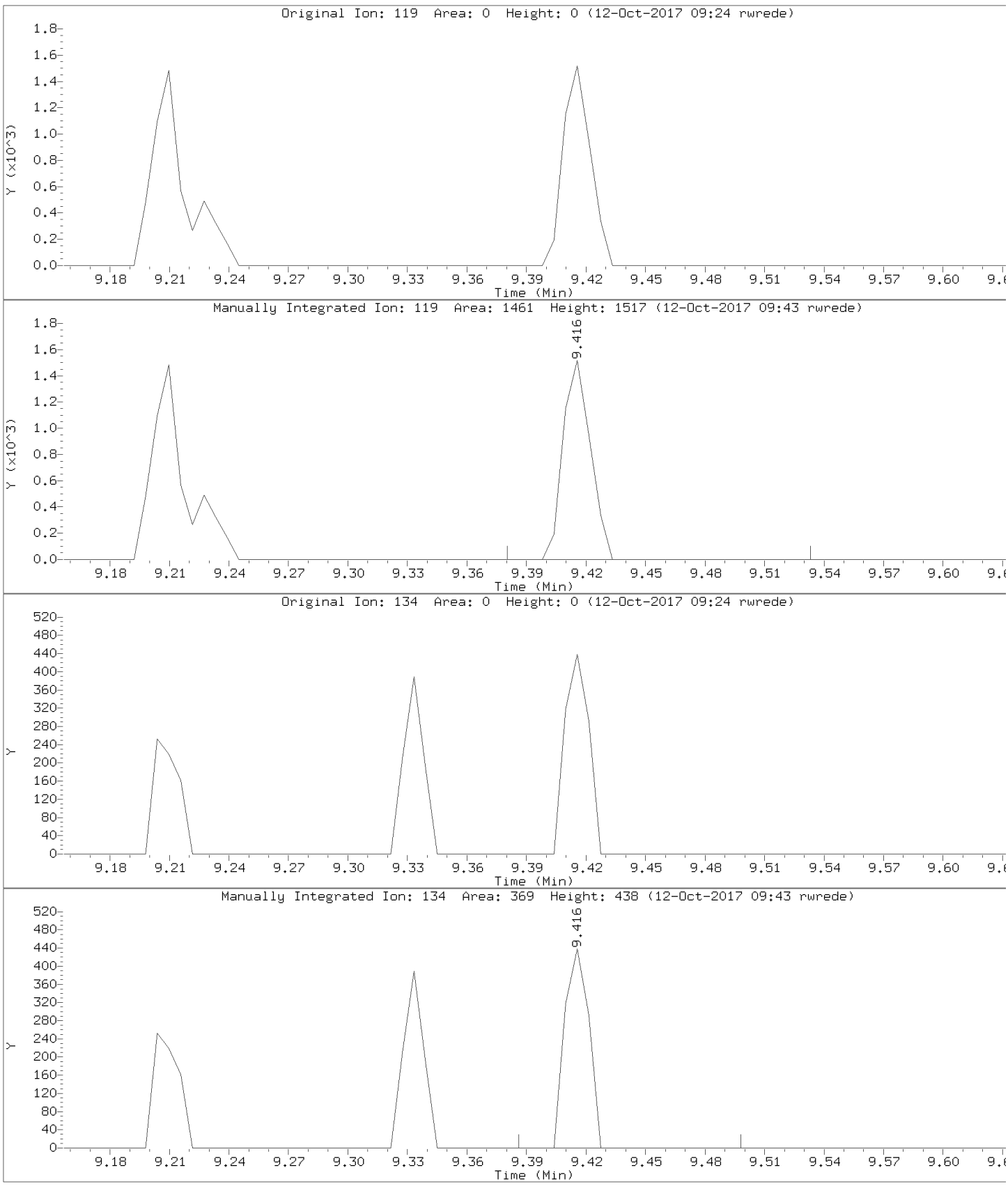
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: p-Isopropyltoluene Review Code: NI
CAS Number: 99-87-6



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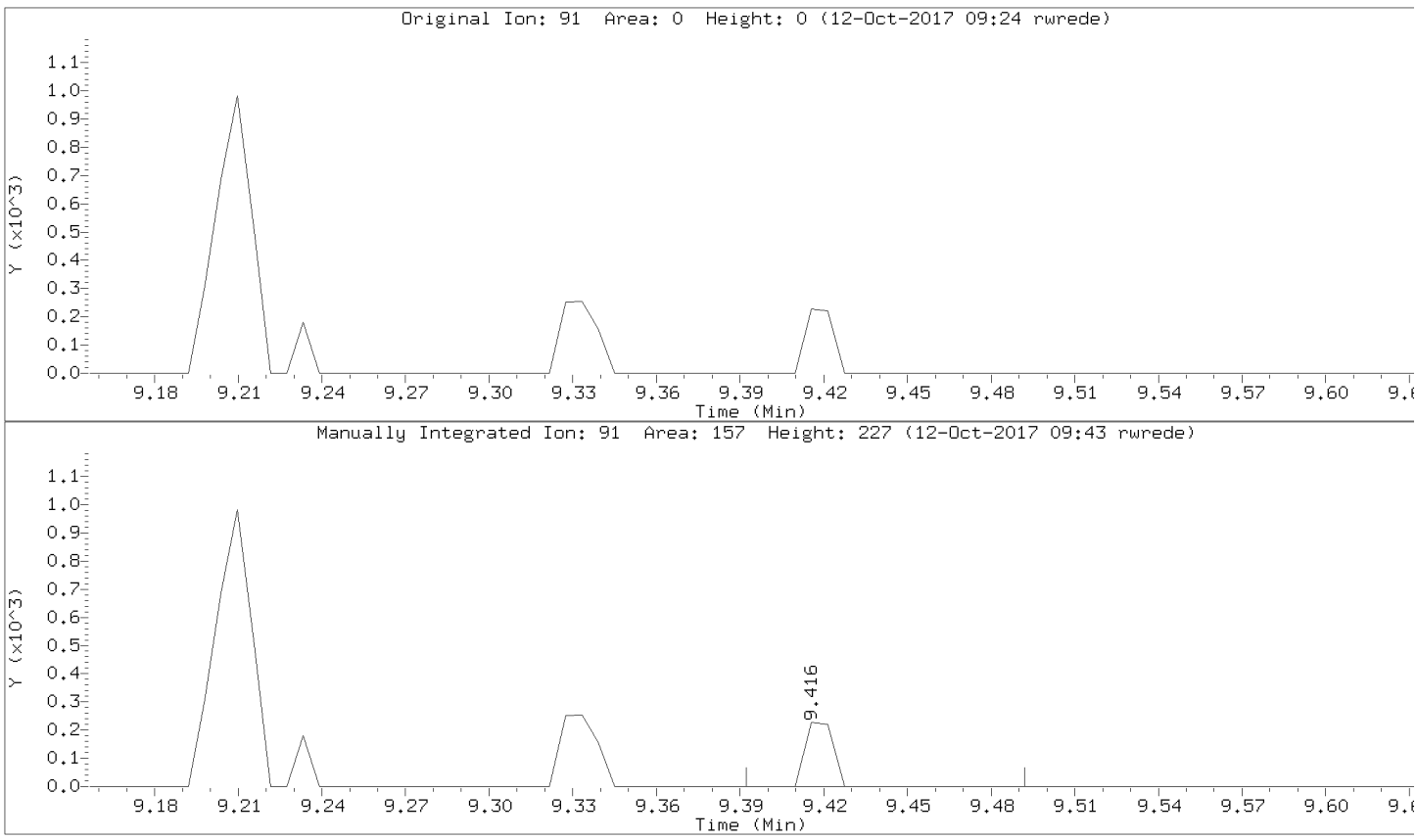
Lab Sample ID: 8260-CAL2



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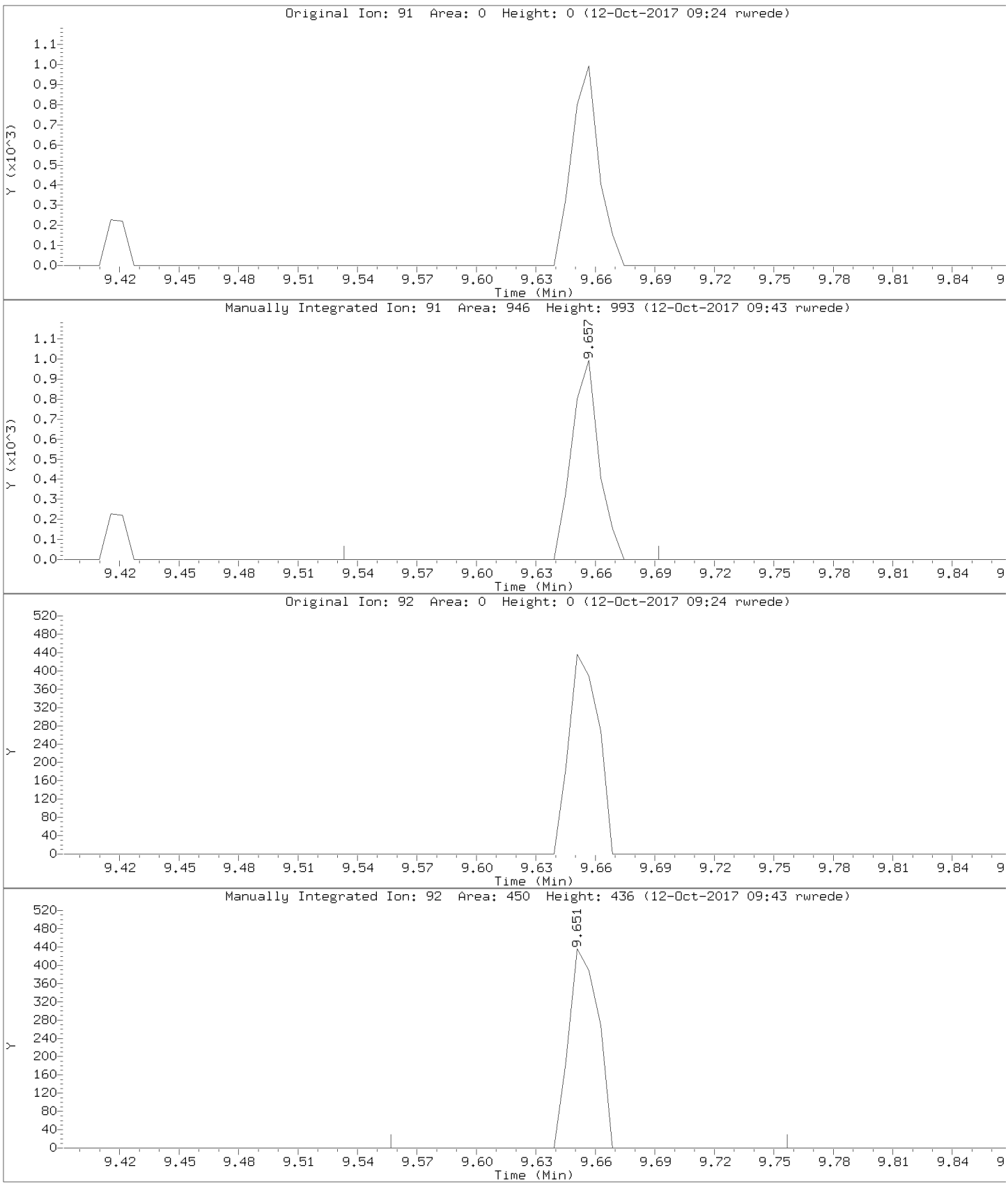
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: n-Butylbenzene Review Code: NI
CAS Number: 104-51-8



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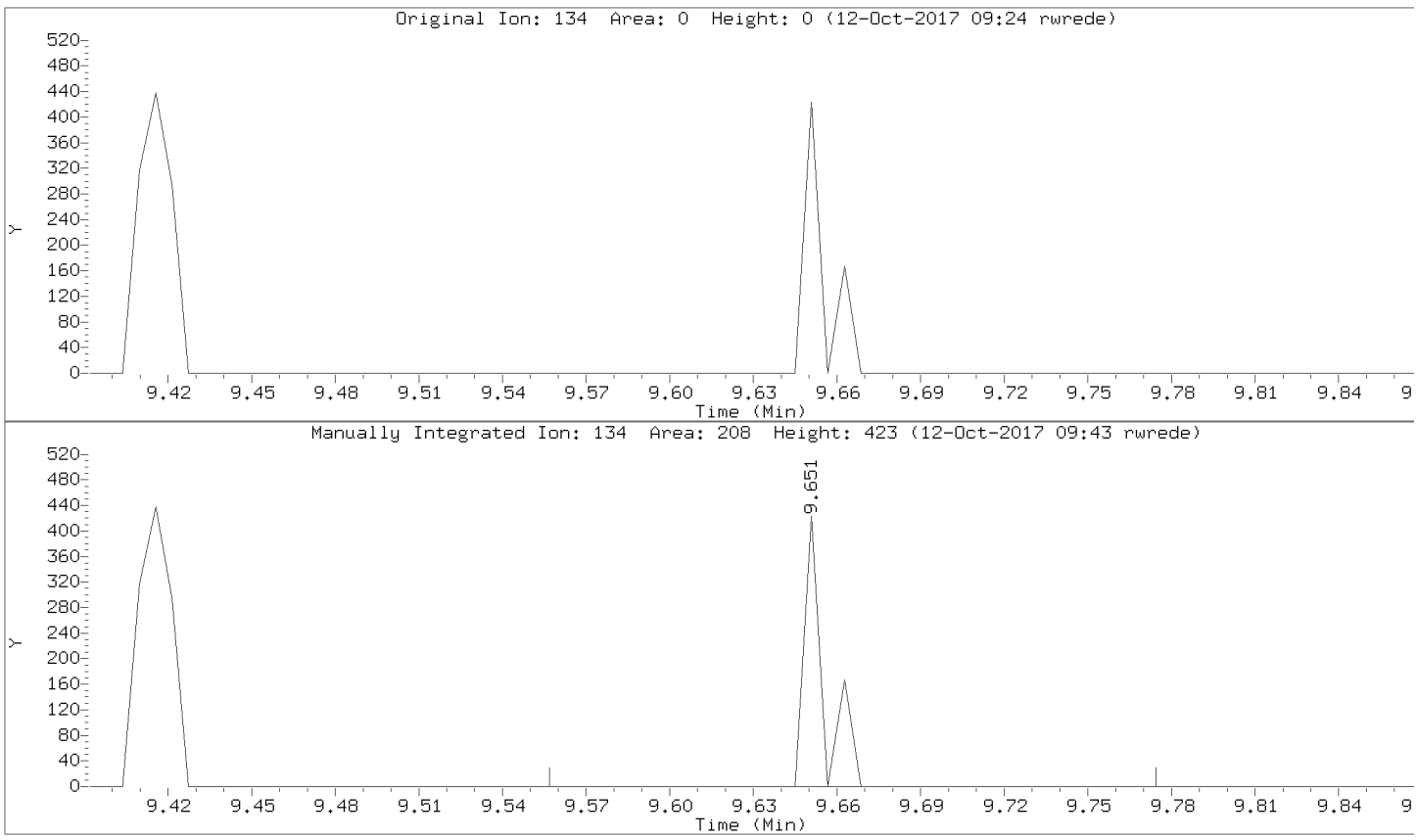
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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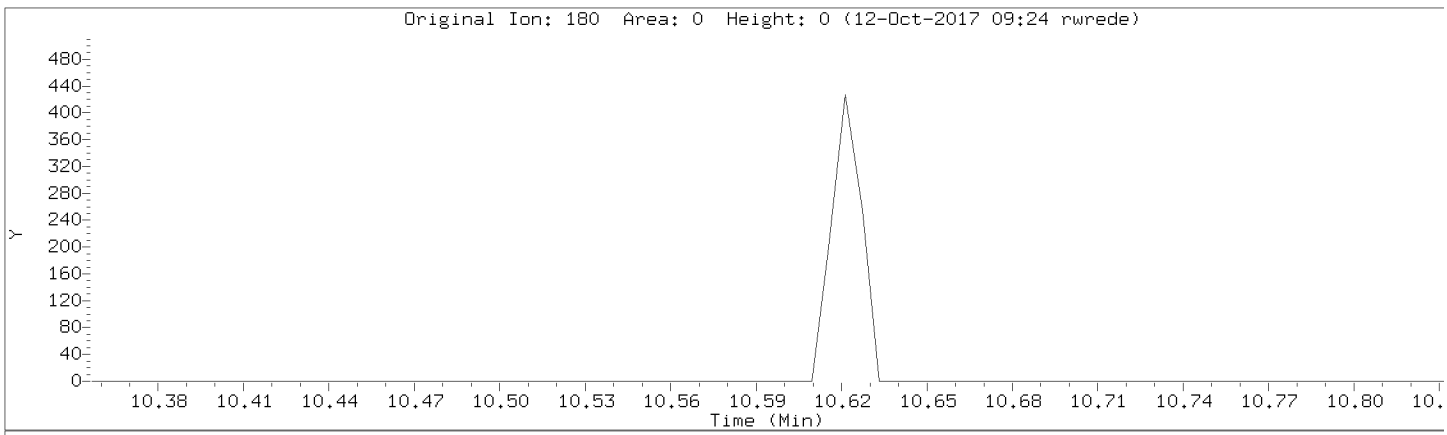
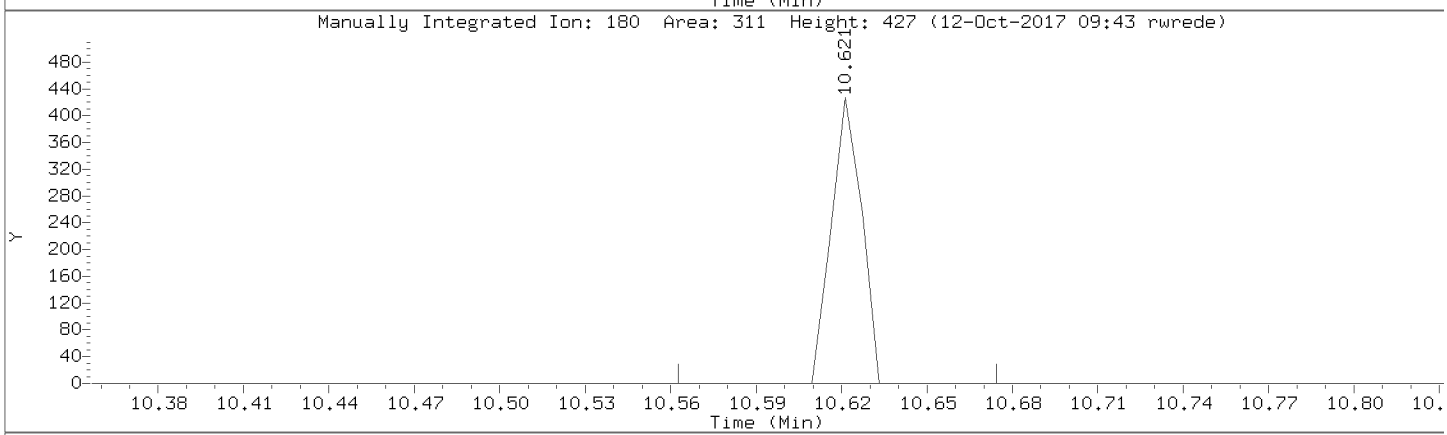
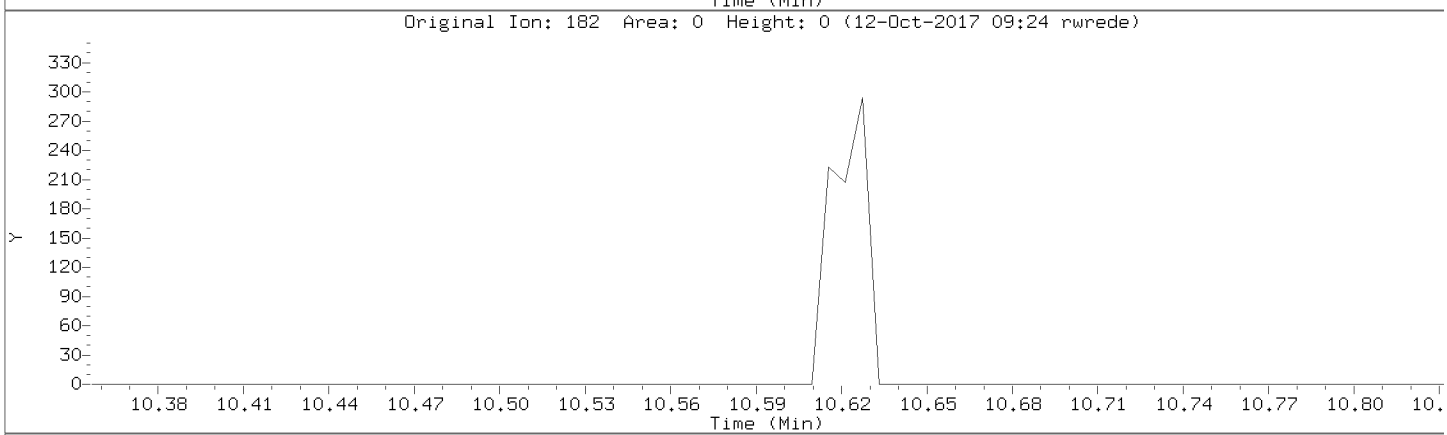
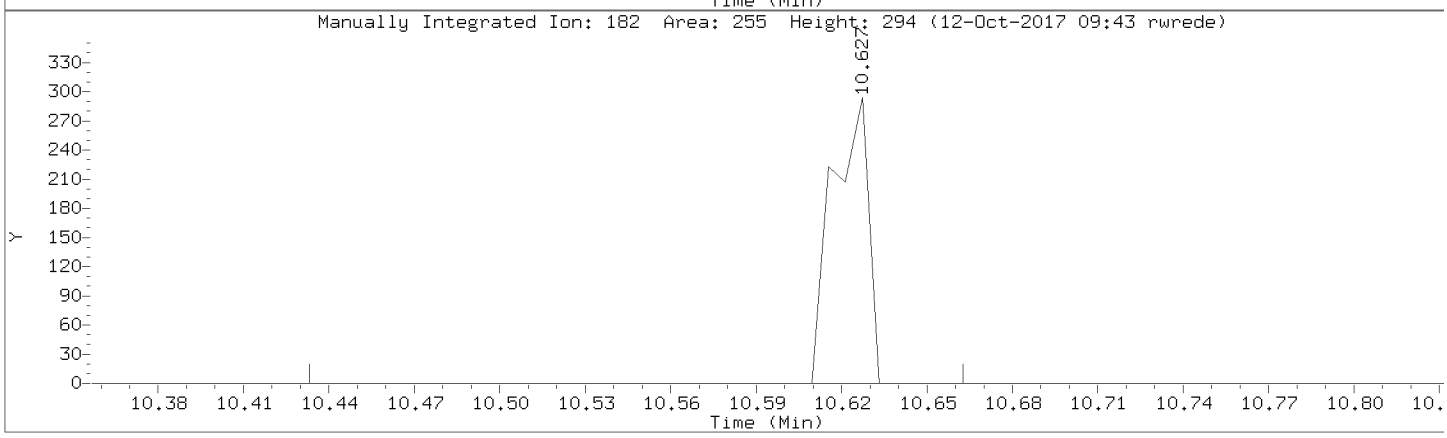
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2,4-Trichlorobenzene Review Code: NI
CAS Number: 120-82-1









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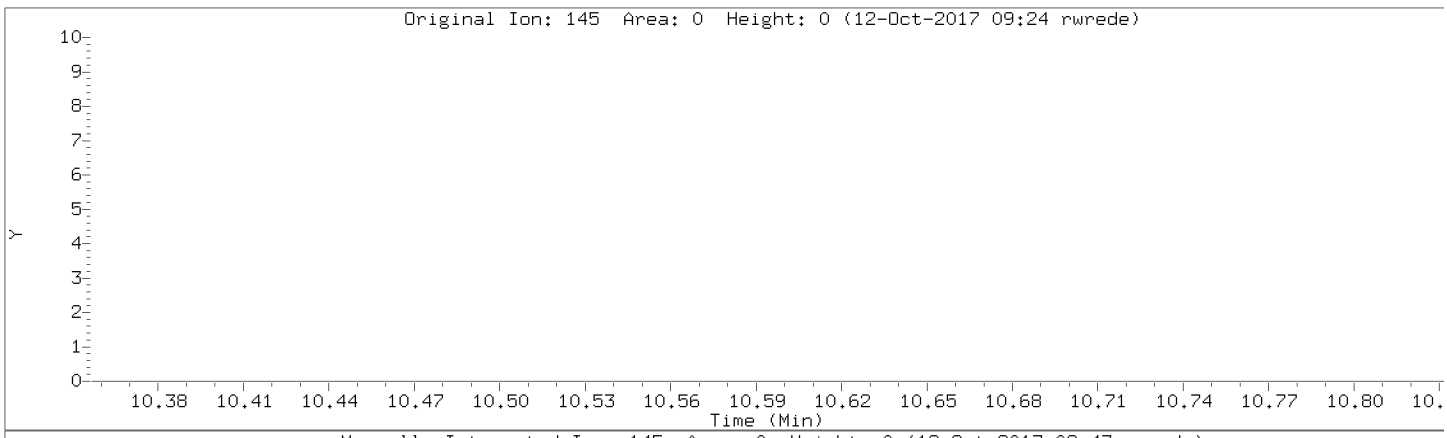
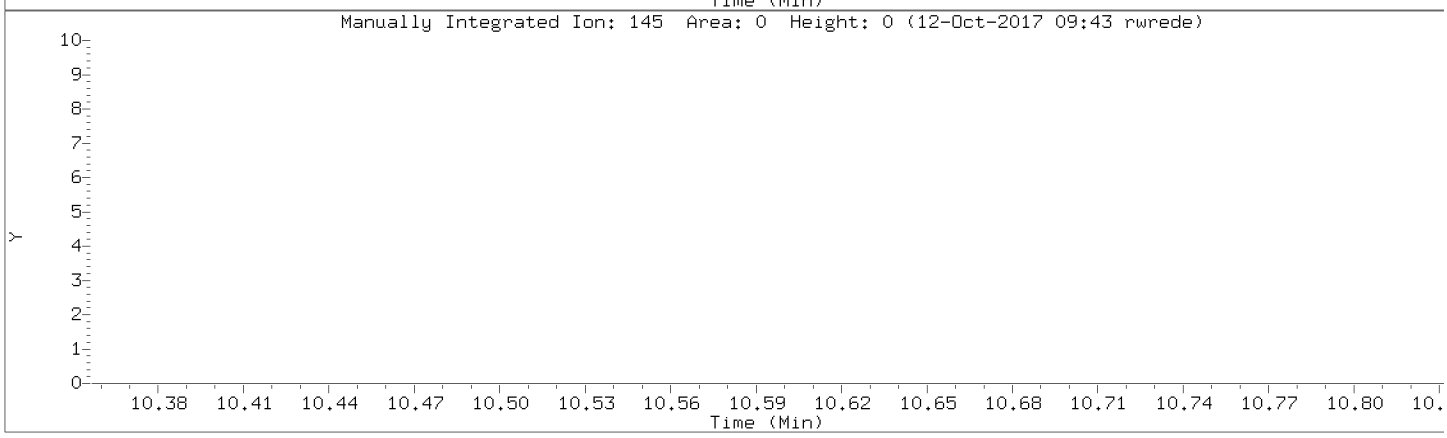
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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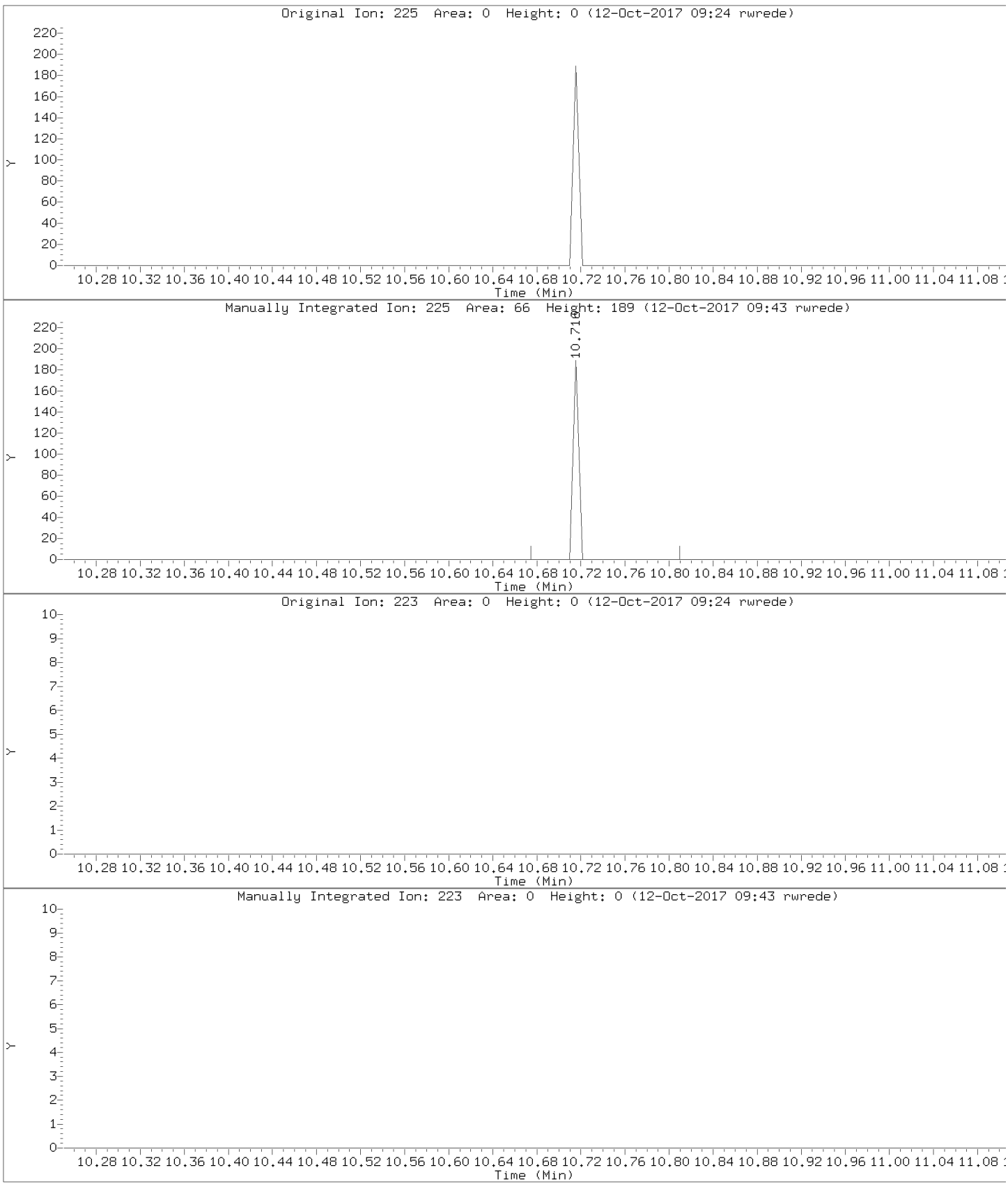
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Hexachlorobutadiene Review Code: NI
CAS Number: 87-68-3



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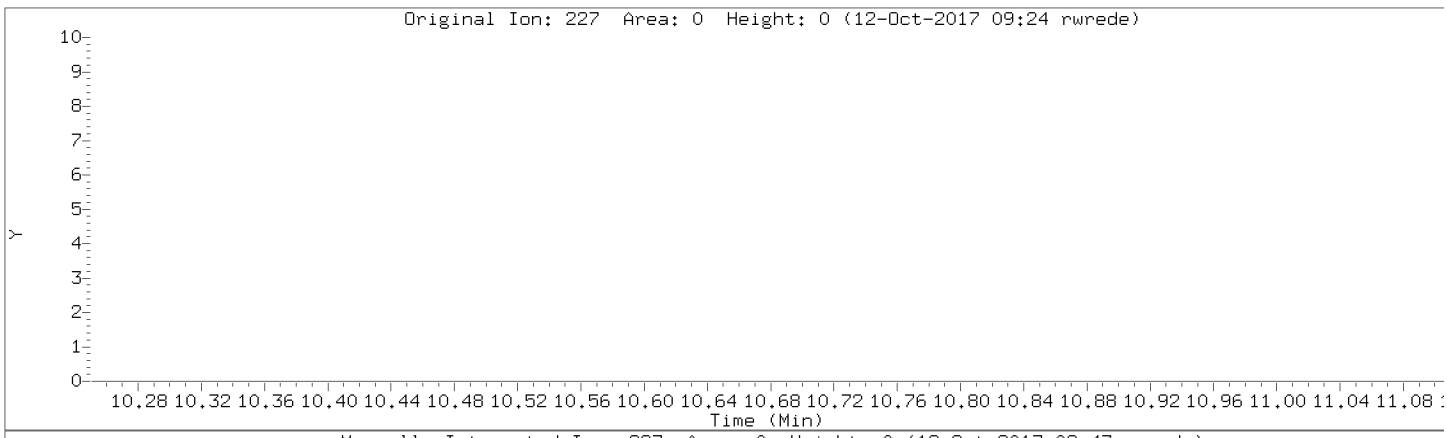
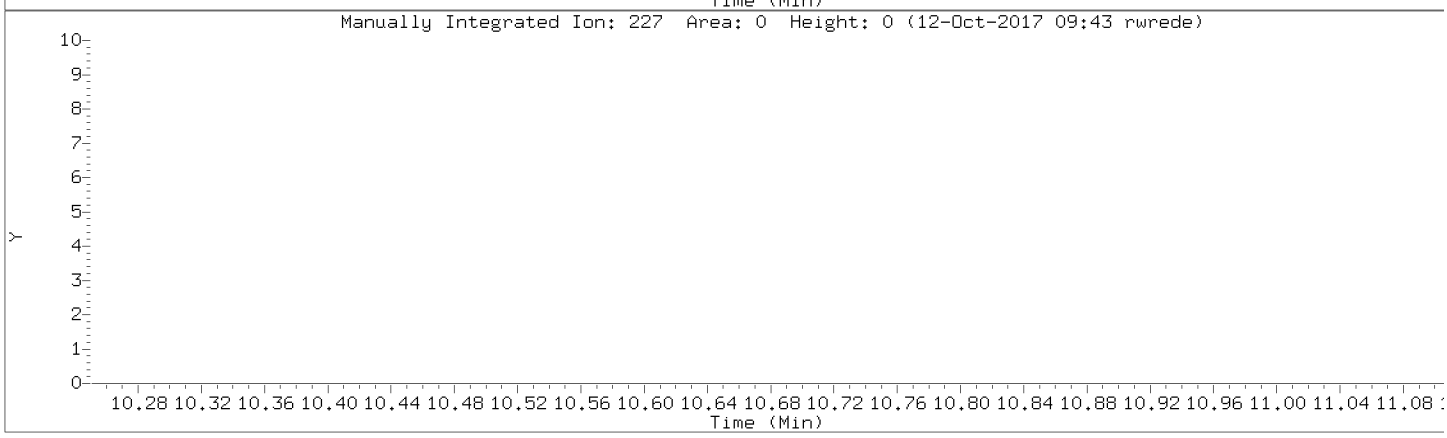
Lab Sample ID: 8260-CAL2





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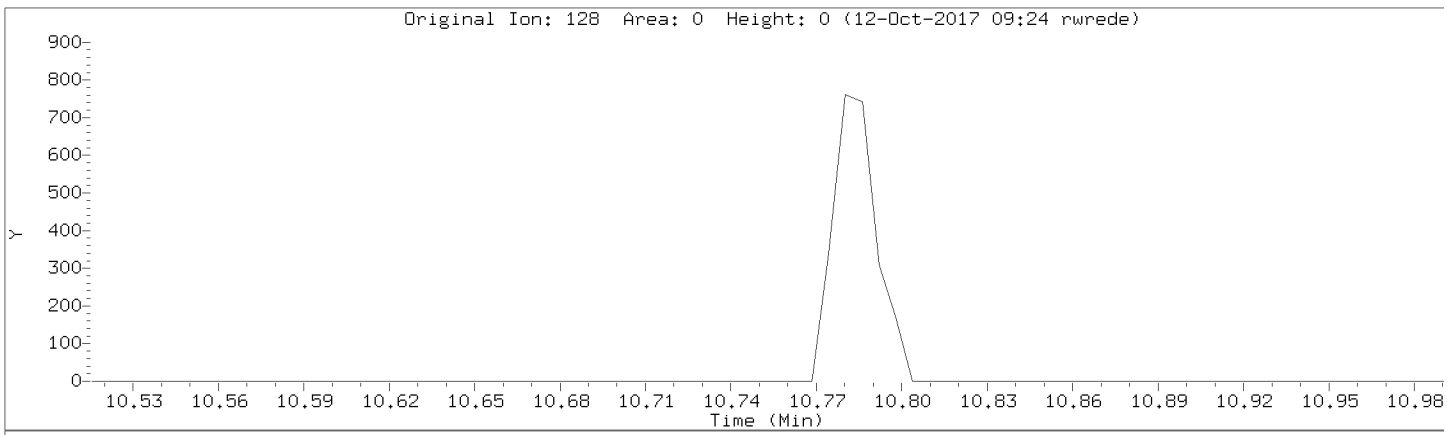
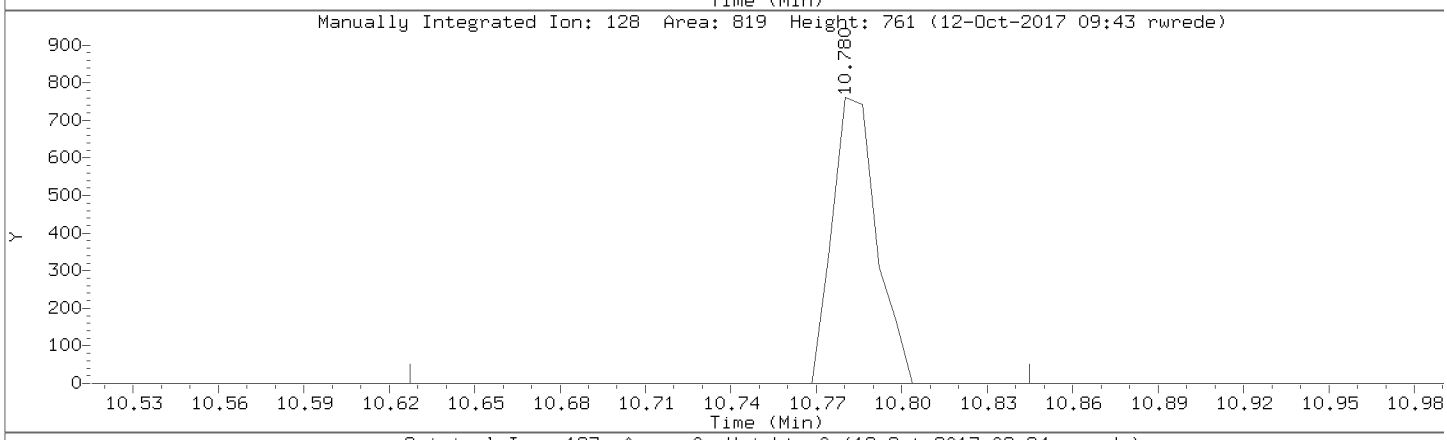
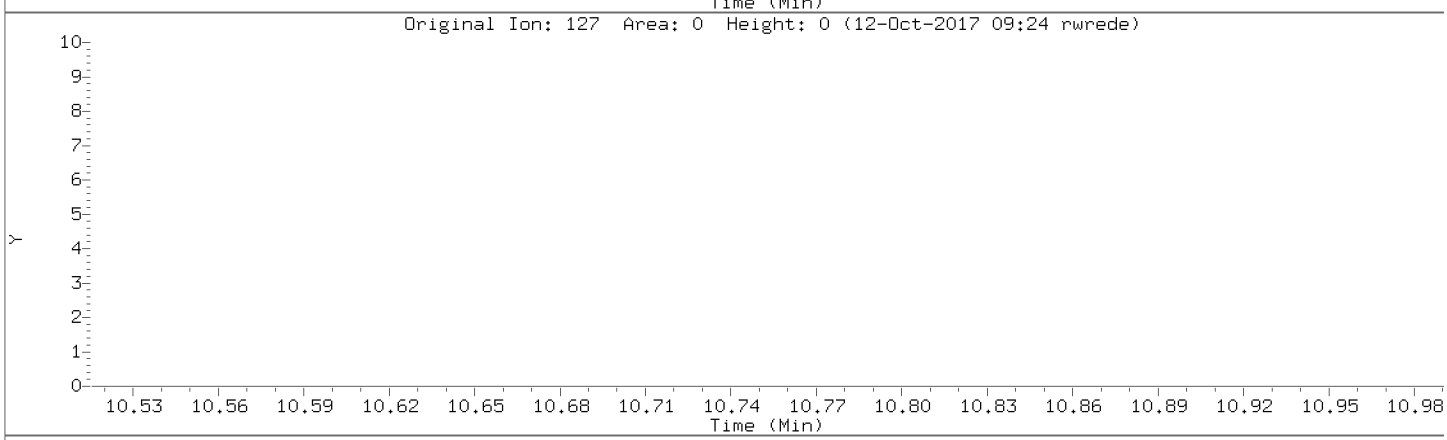
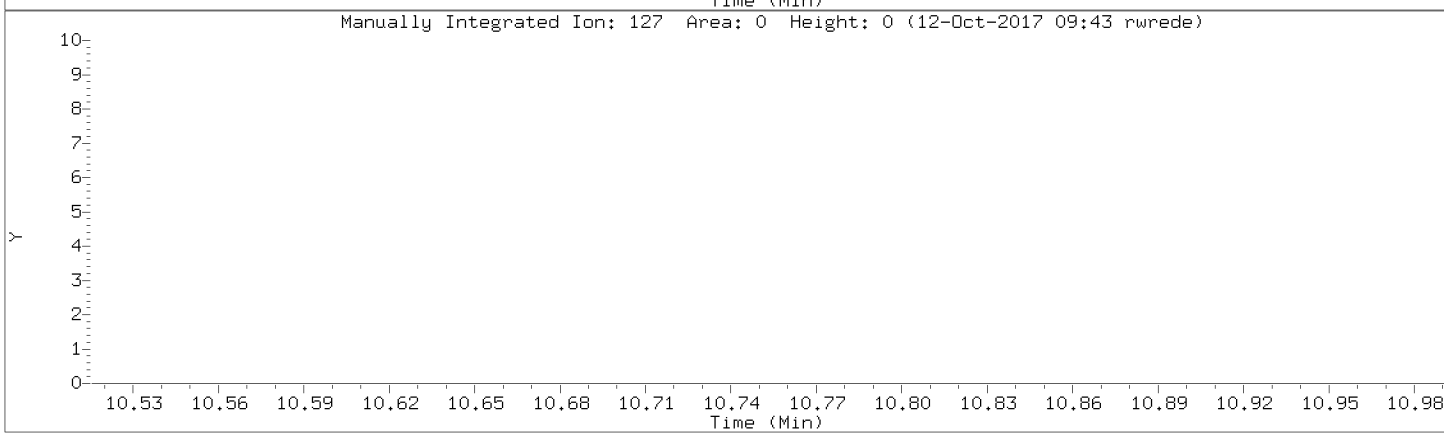
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Naphthalene Review Code: NI
CAS Number: 91-20-3









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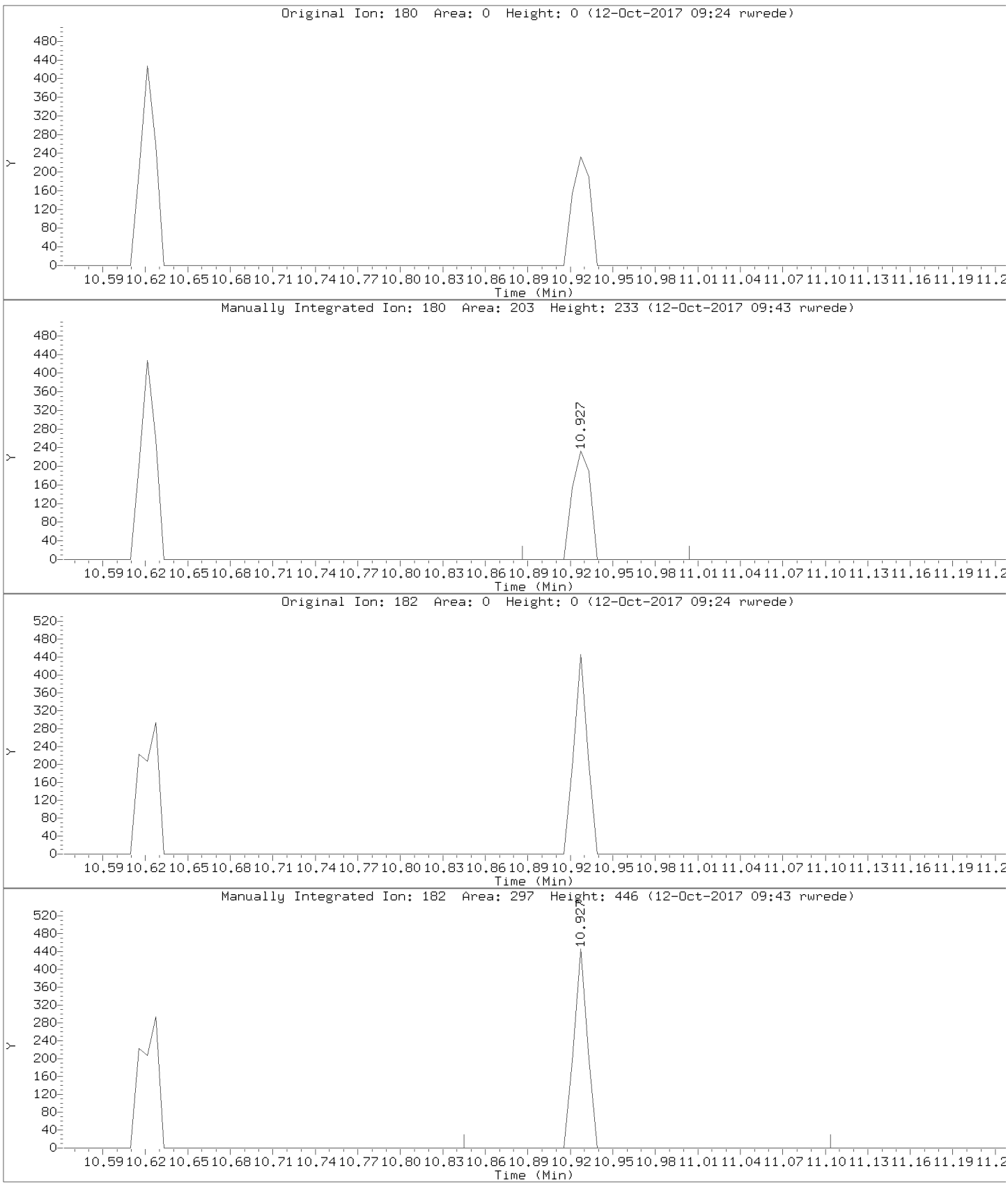
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2,3-Trichlorobenzene Review Code: NI
CAS Number: 87-61-6



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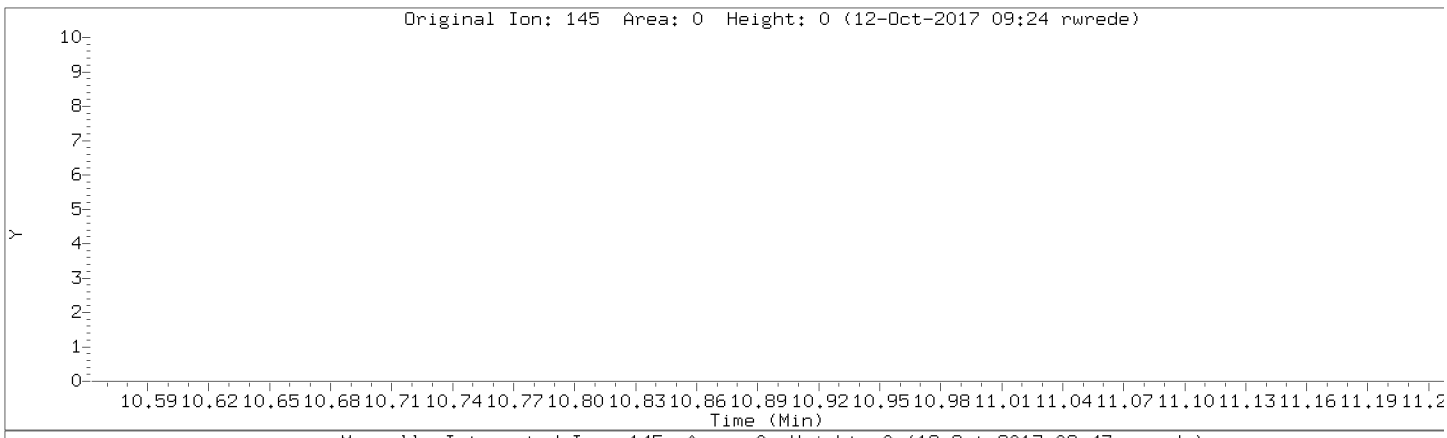
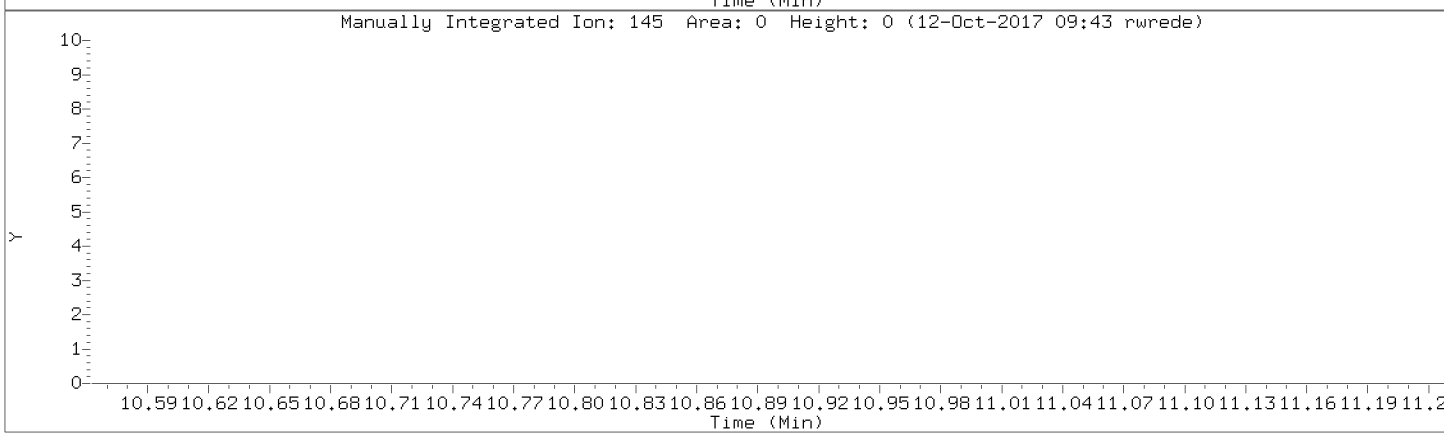
Lab Sample ID: 8260-CAL2





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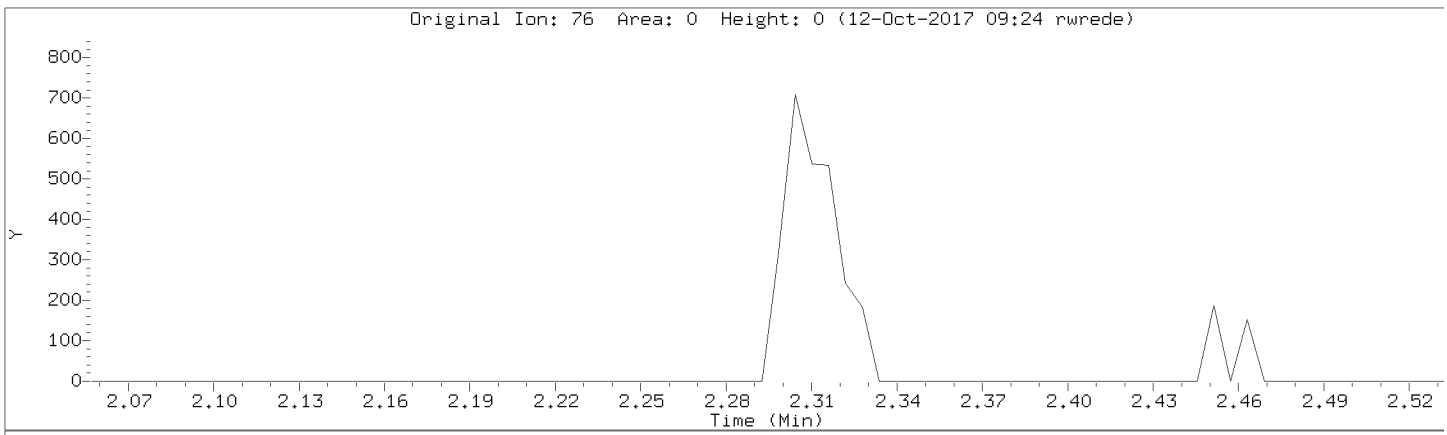
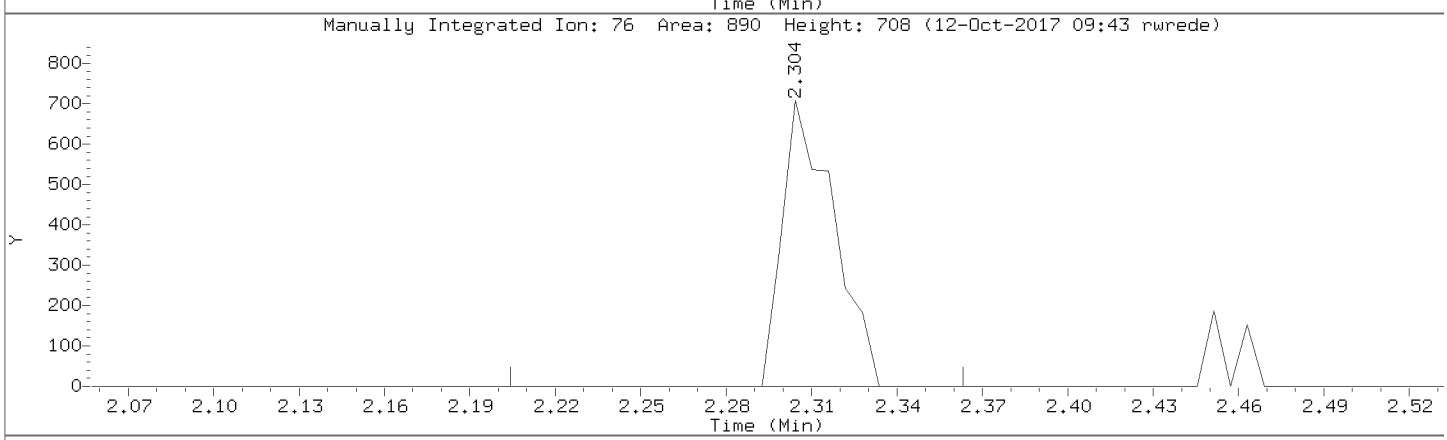
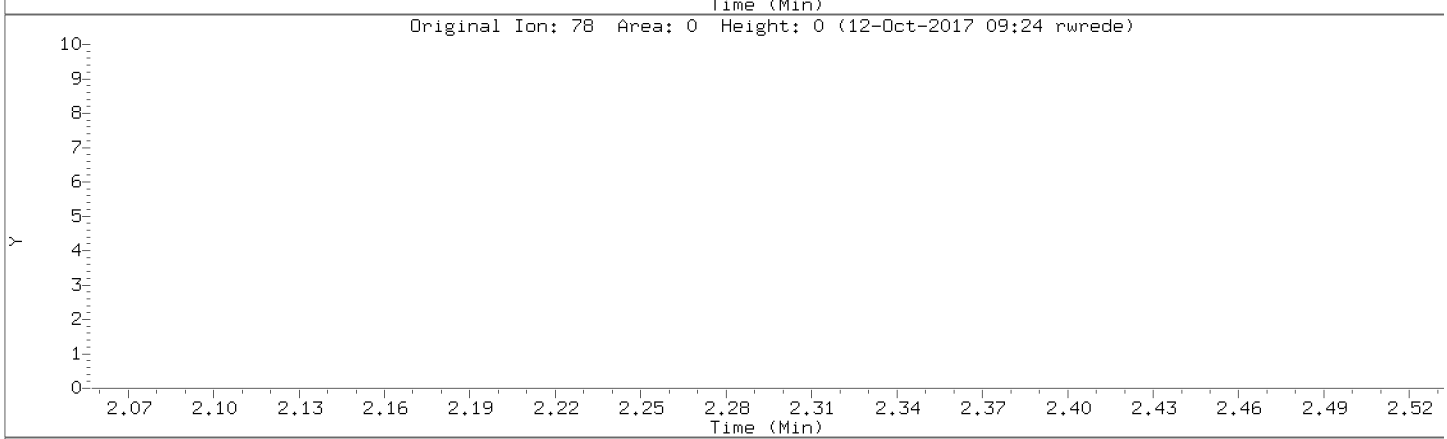
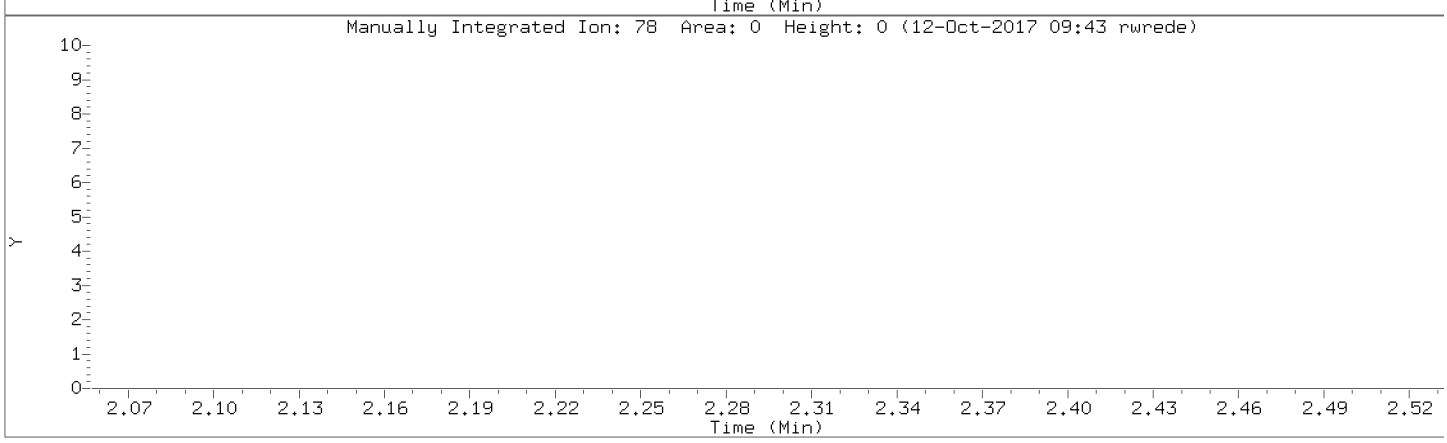
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Carbon Disulfide Review Code: NI
CAS Number: 75-15-0



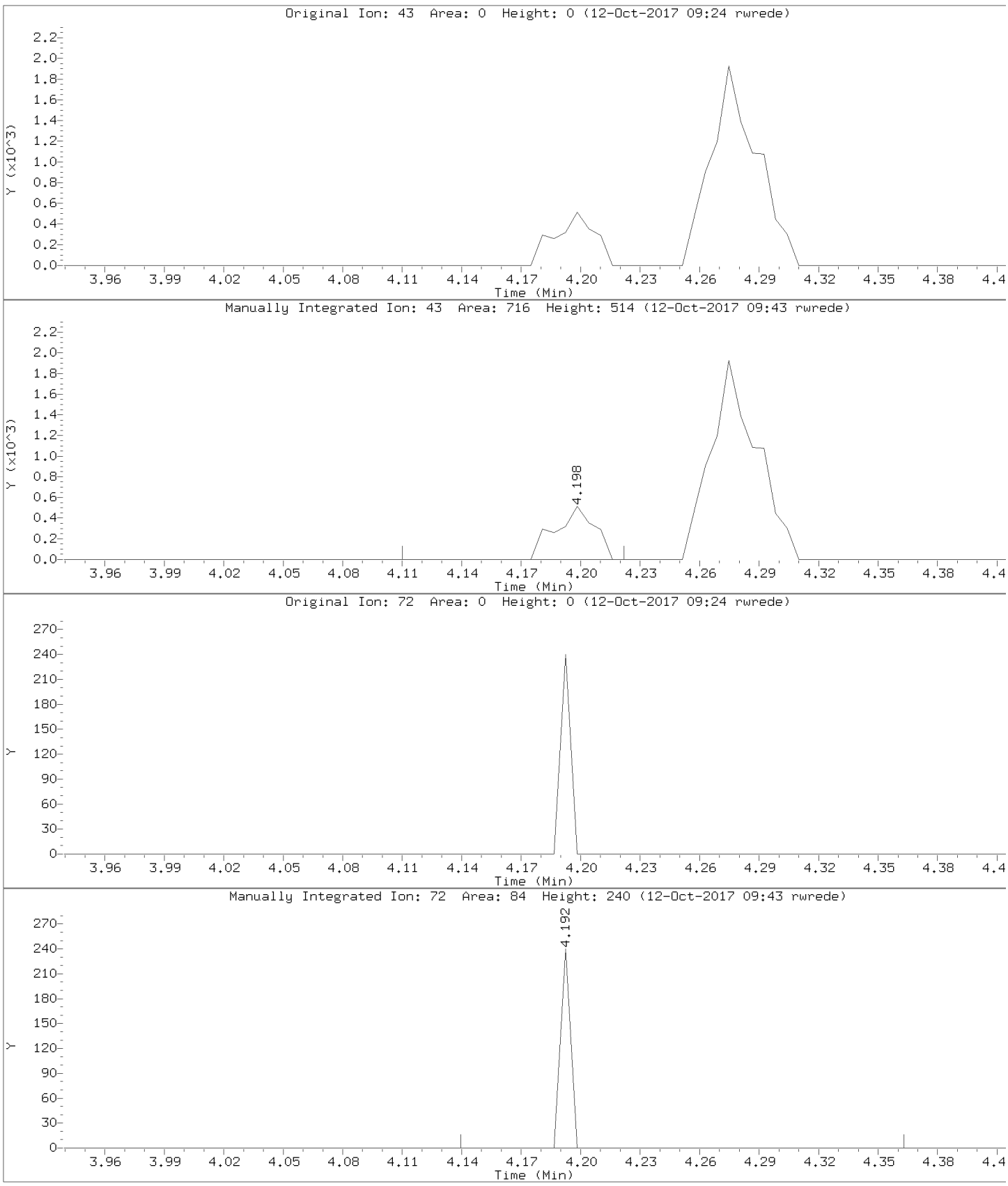






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a02.d
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 2-Butanone Review Code: NI
CAS Number: 78-93-3



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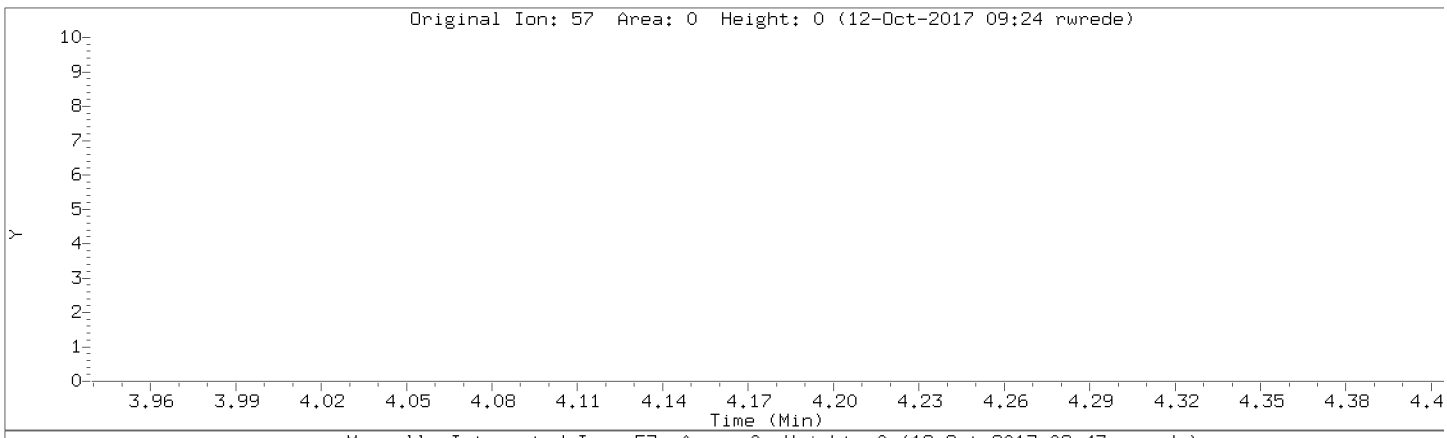
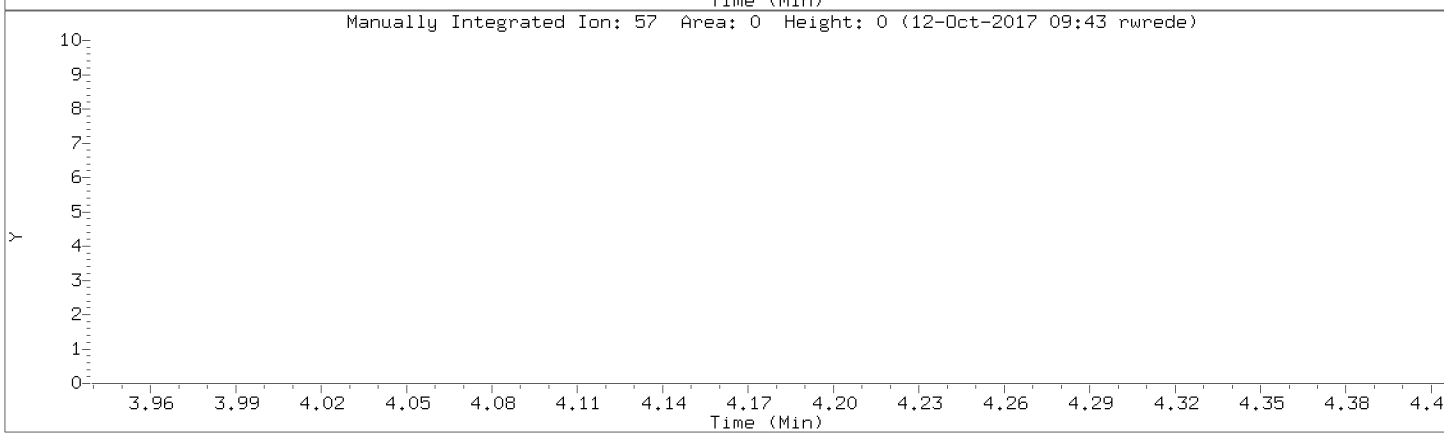
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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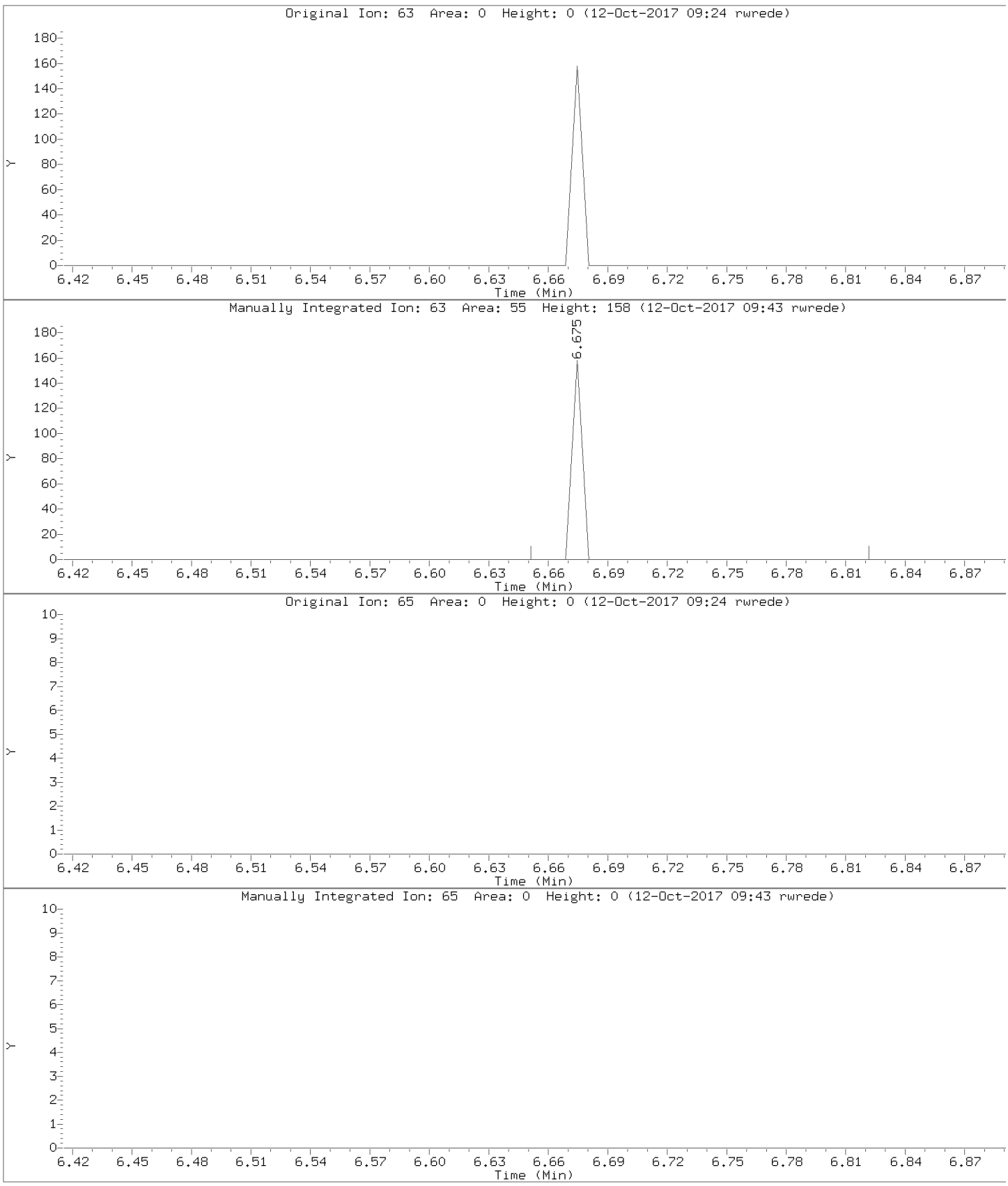
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 2-Chloroethyl vinyl ether Review Code: NI
CAS Number: 110-75-8



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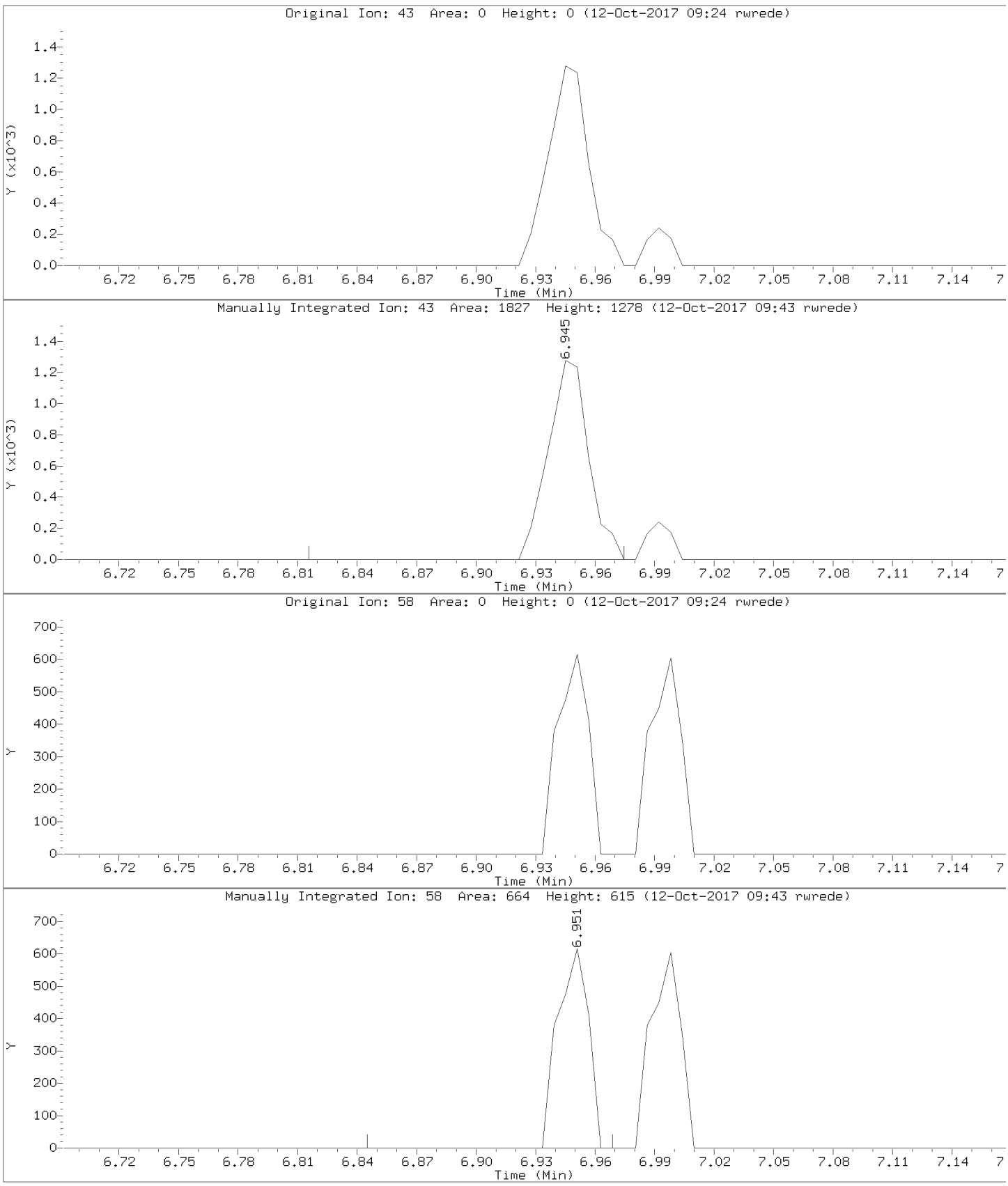
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 4-Methyl-2-Pentanone Review Code: NI
CAS Number: 108-10-1



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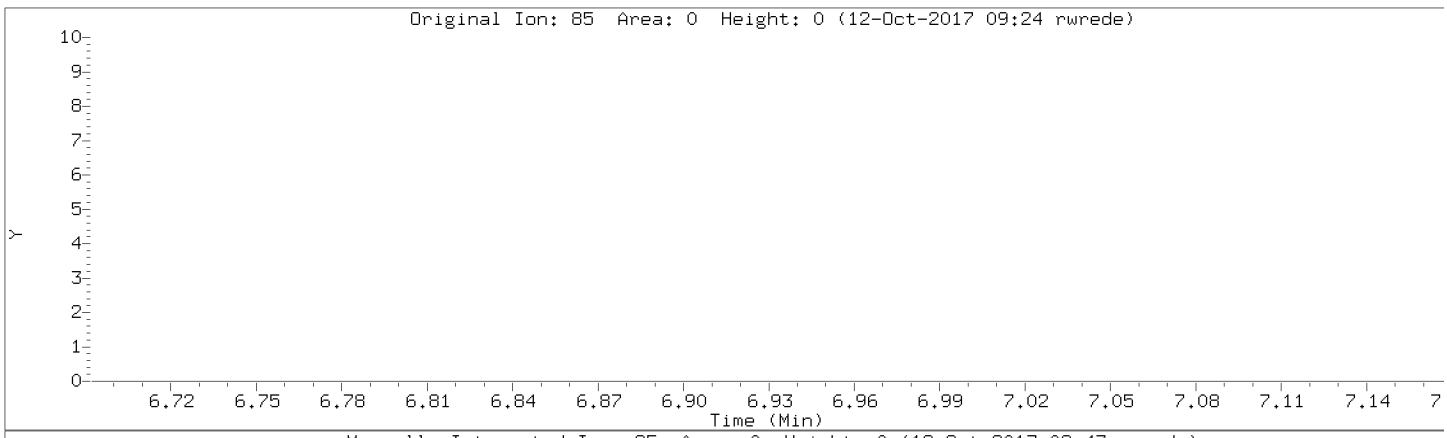
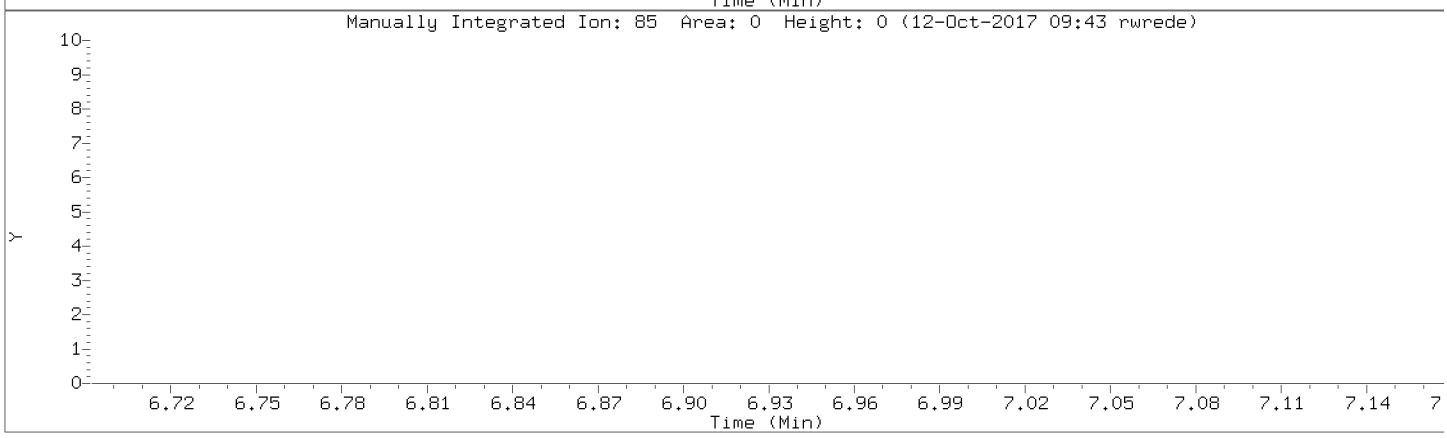
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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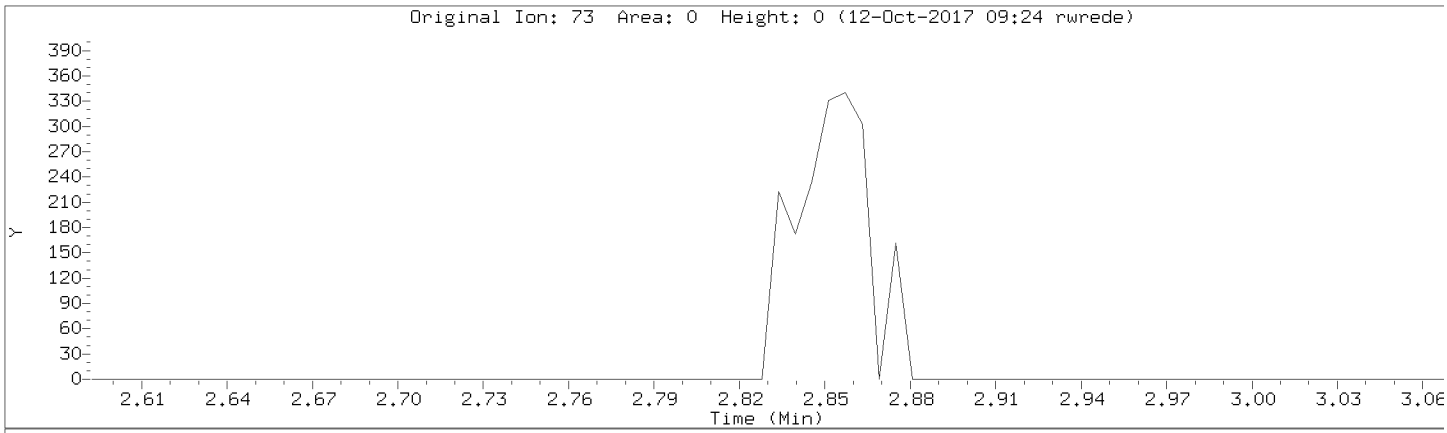
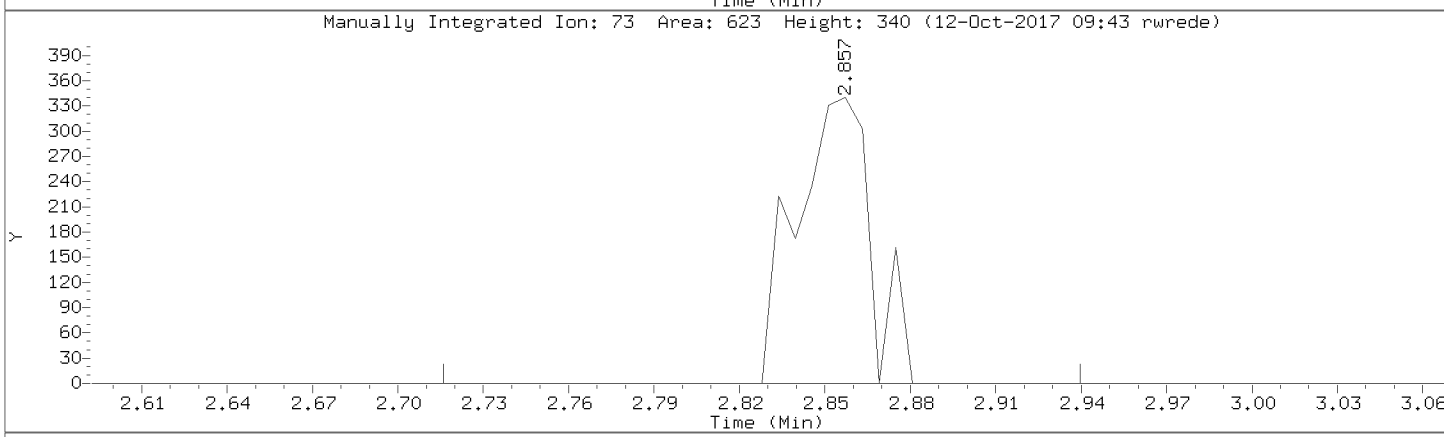
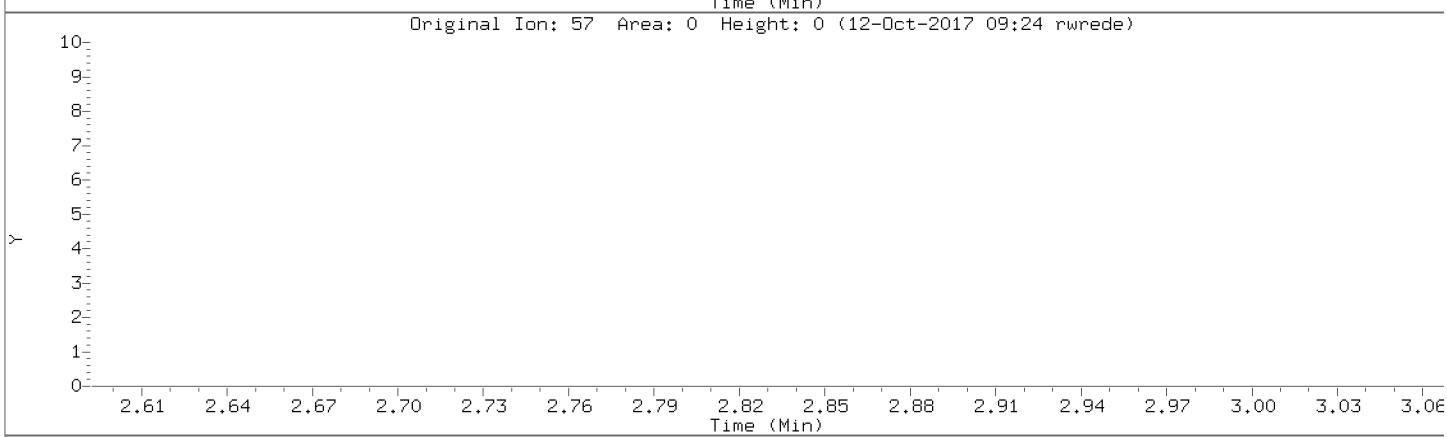
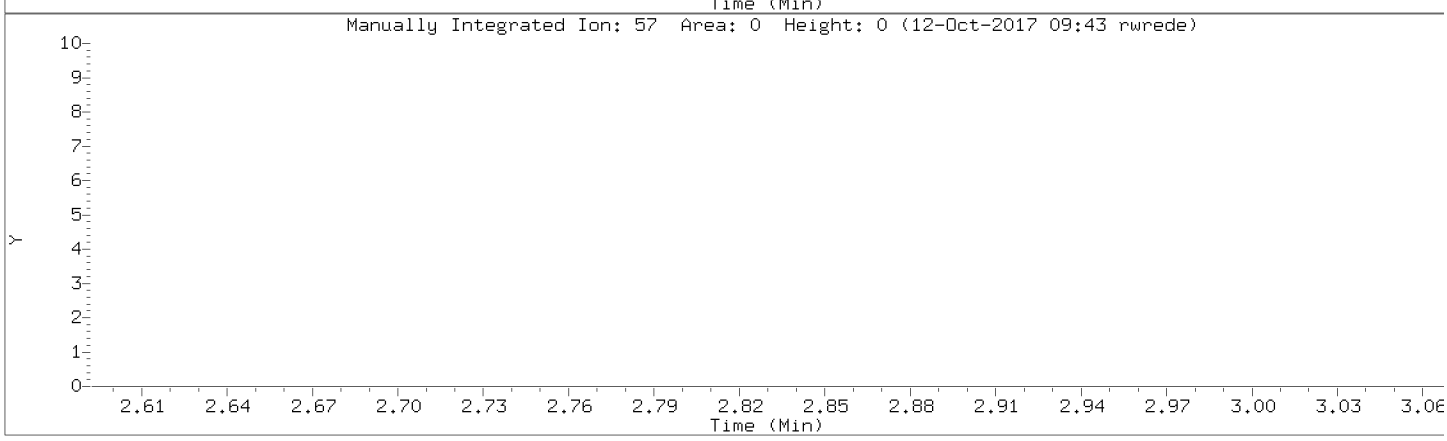
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Methyl-tert-butyl ether Review Code: NI
CAS Number: 1634-04-4









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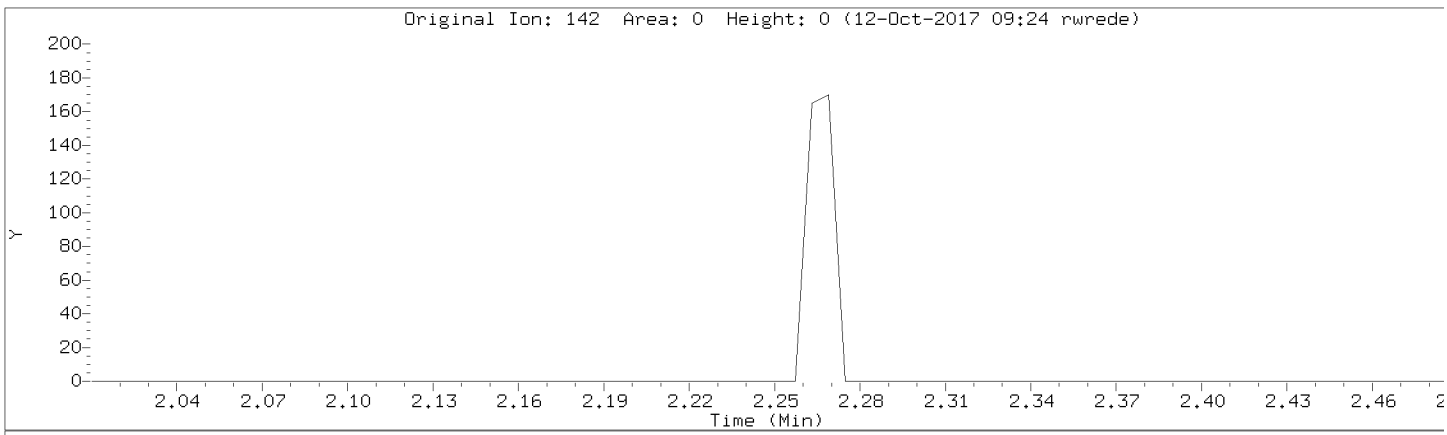
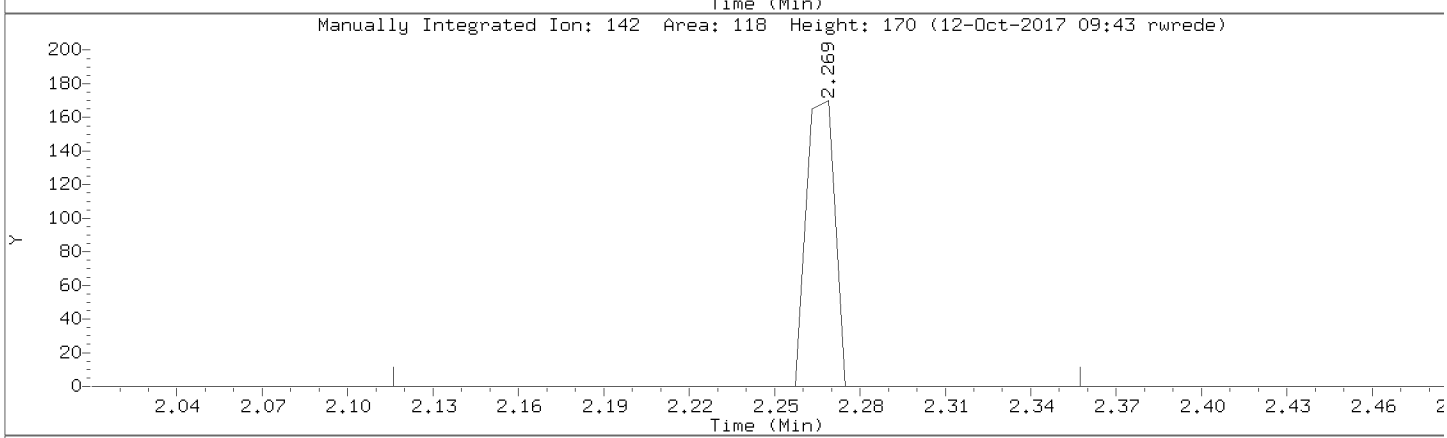
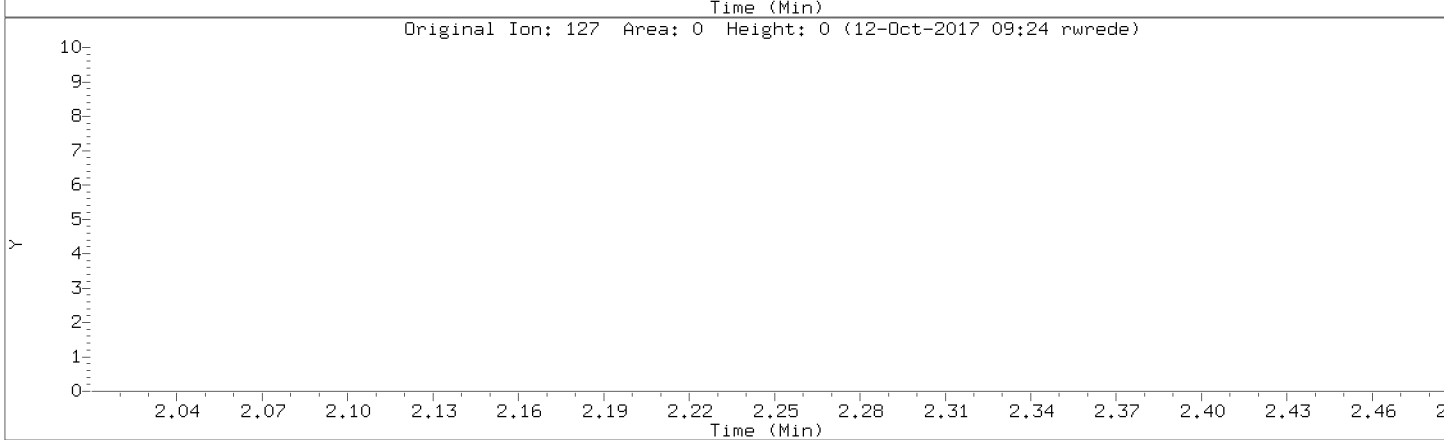
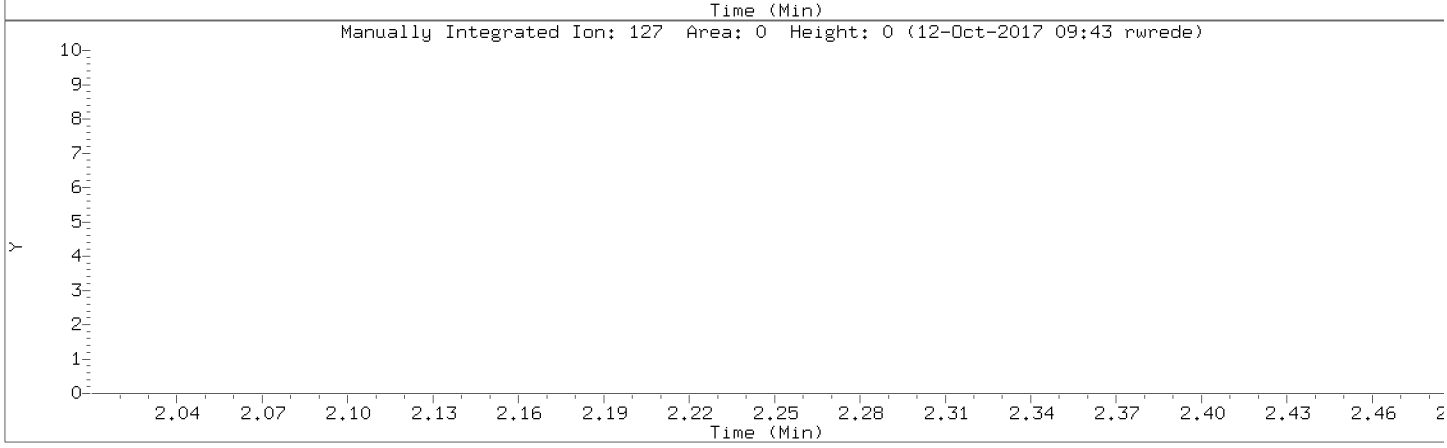
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Iodomethane Review Code: NI
CAS Number:









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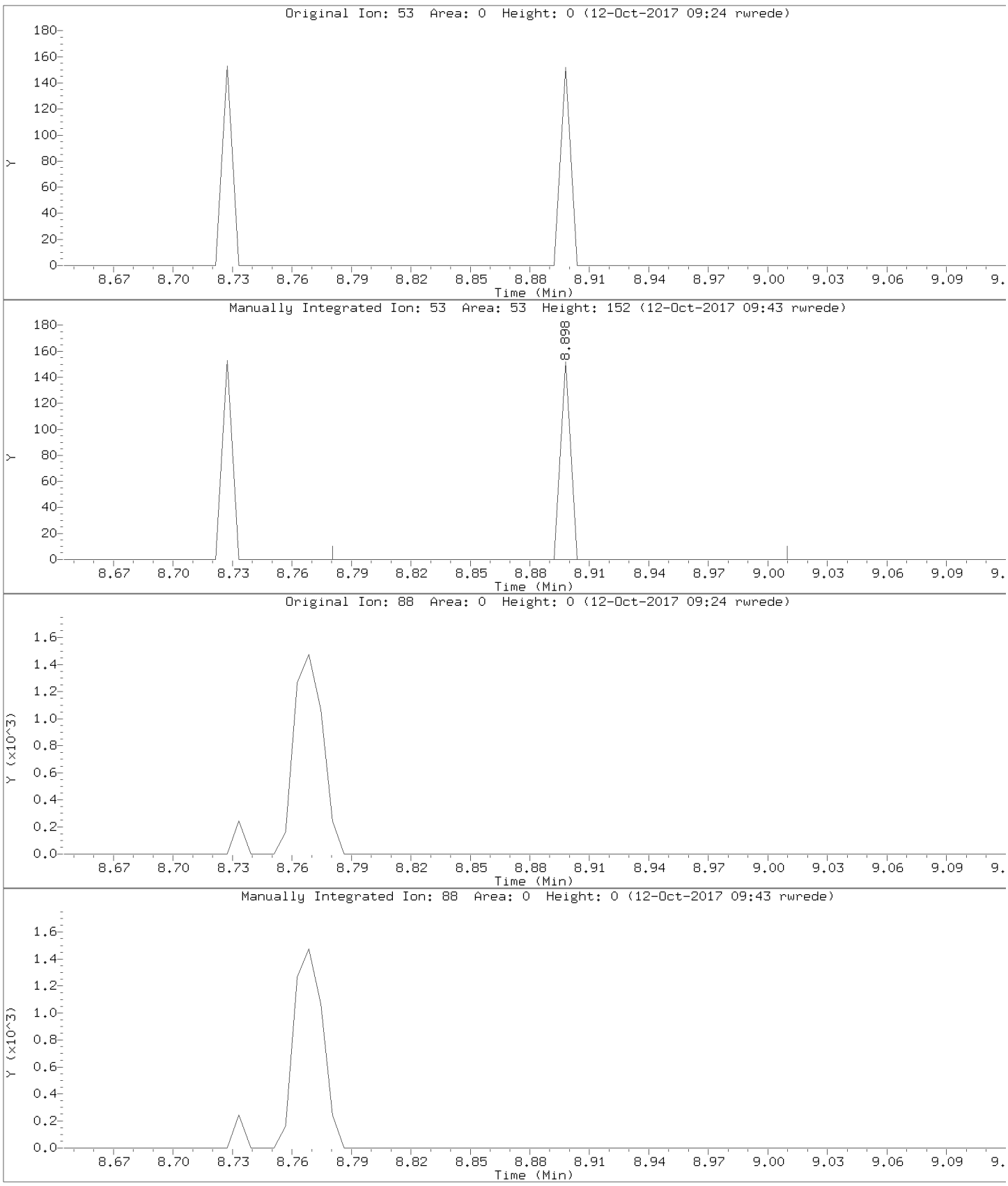
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: trans-1,4-Dichloro-2-butene Review Code: NI
CAS Number:



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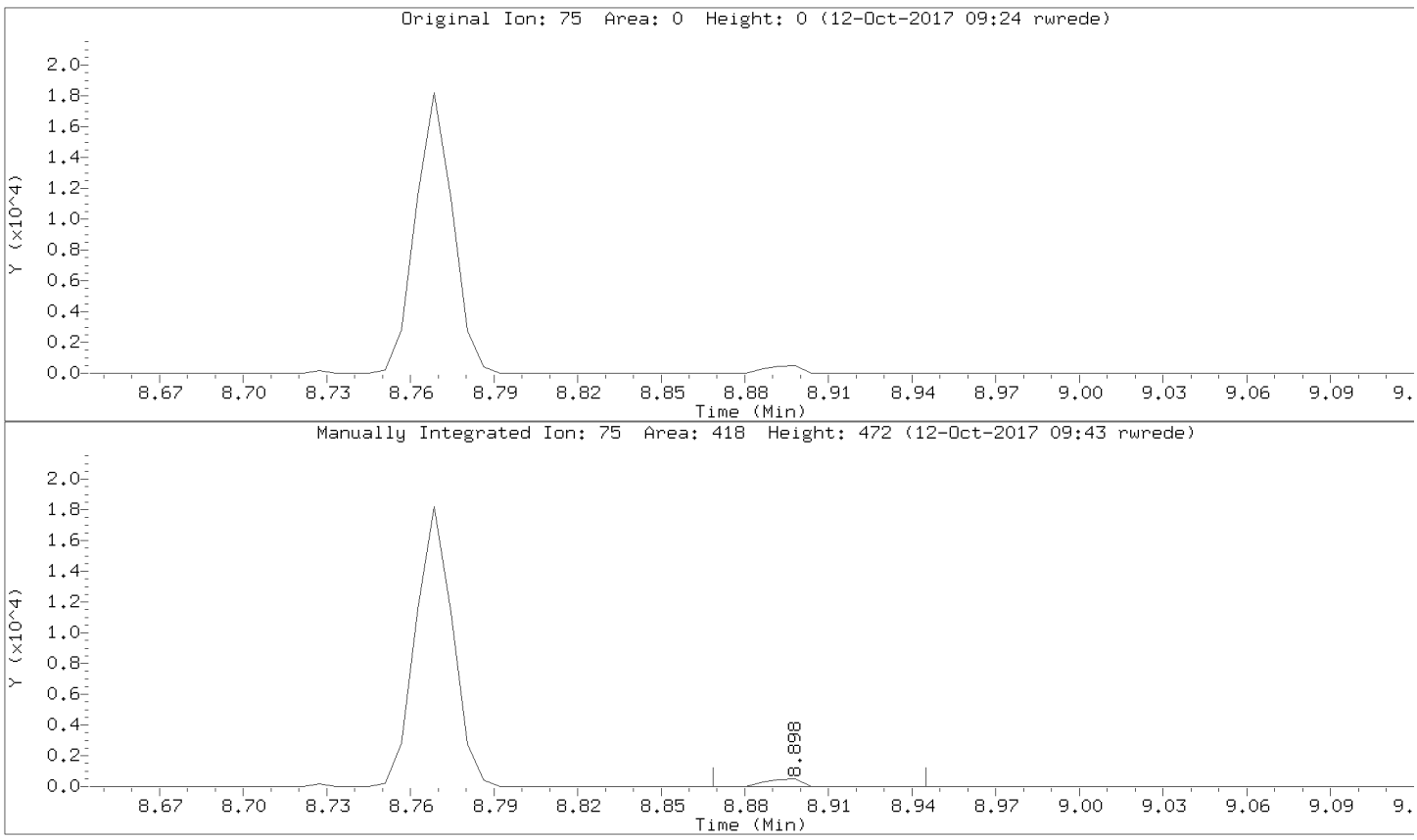
Lab Sample ID: 8260-CAL2



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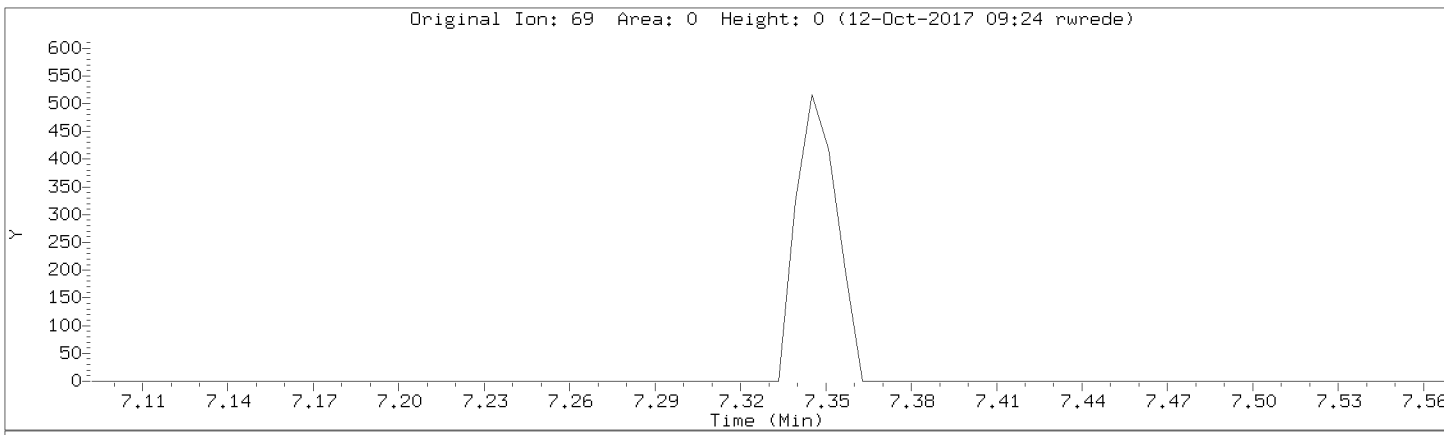
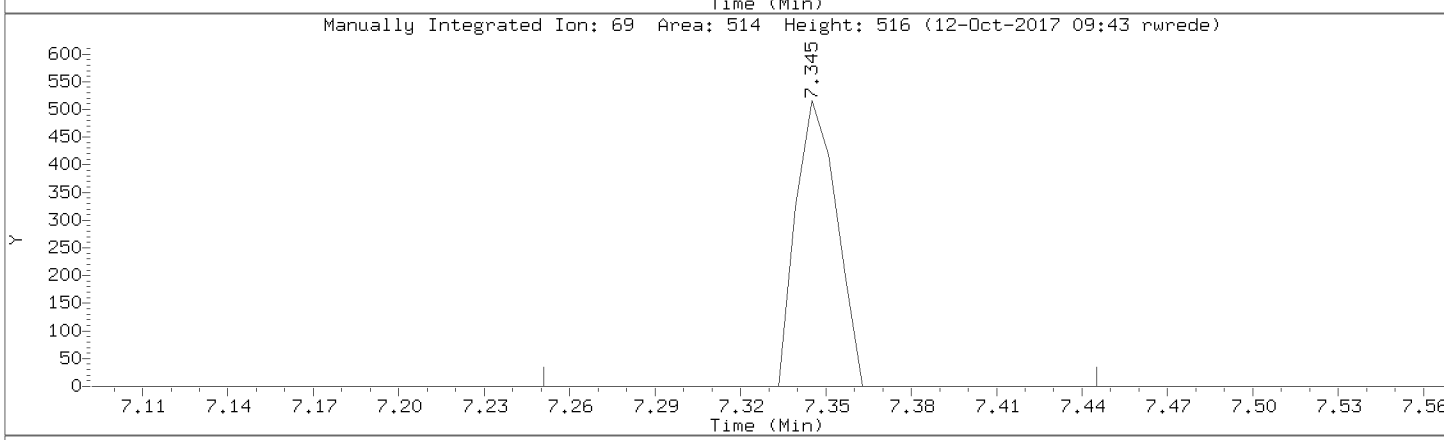
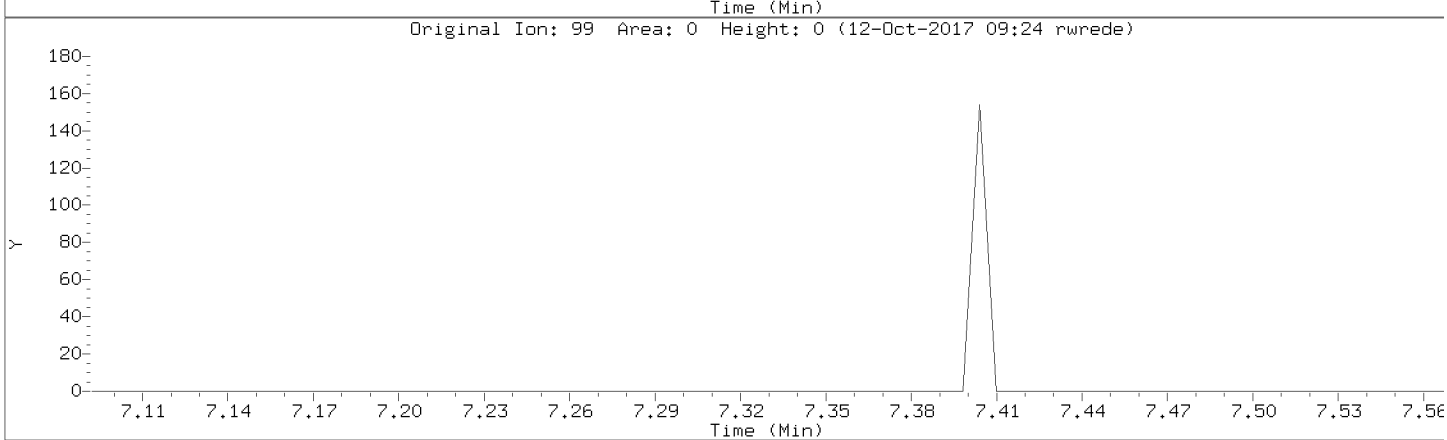
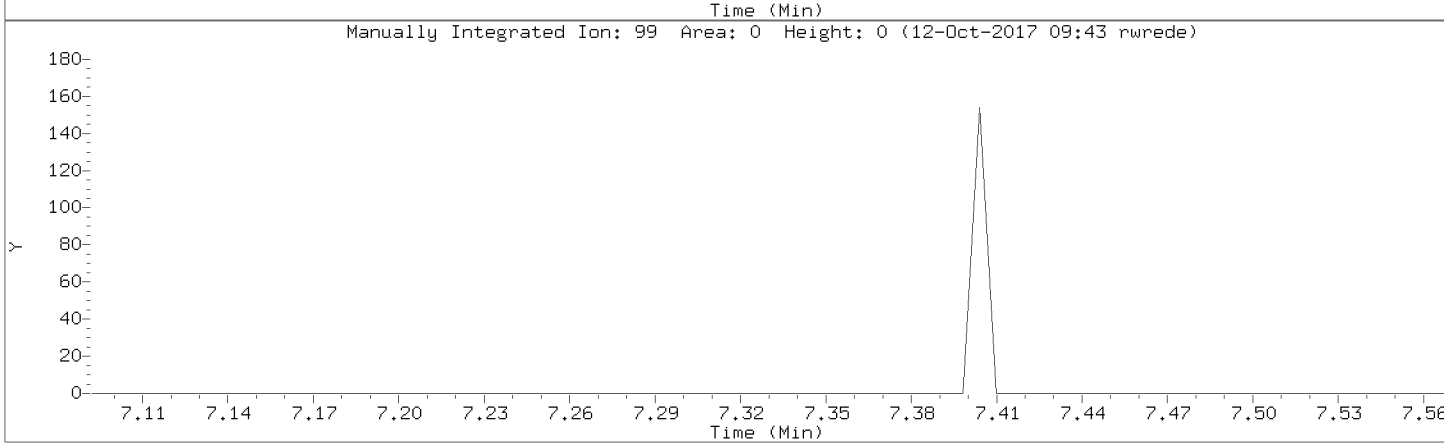
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:









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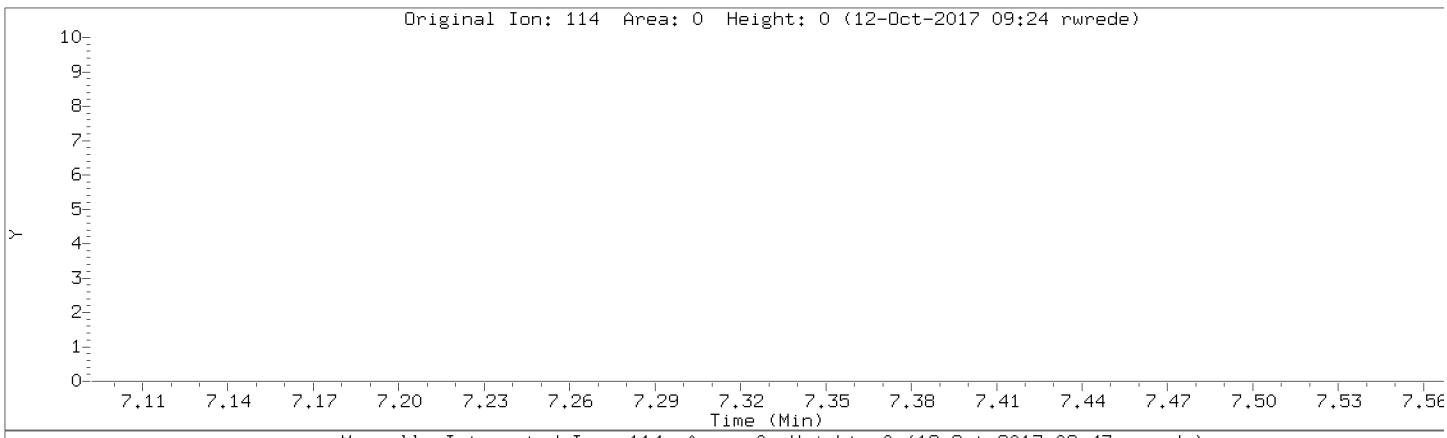
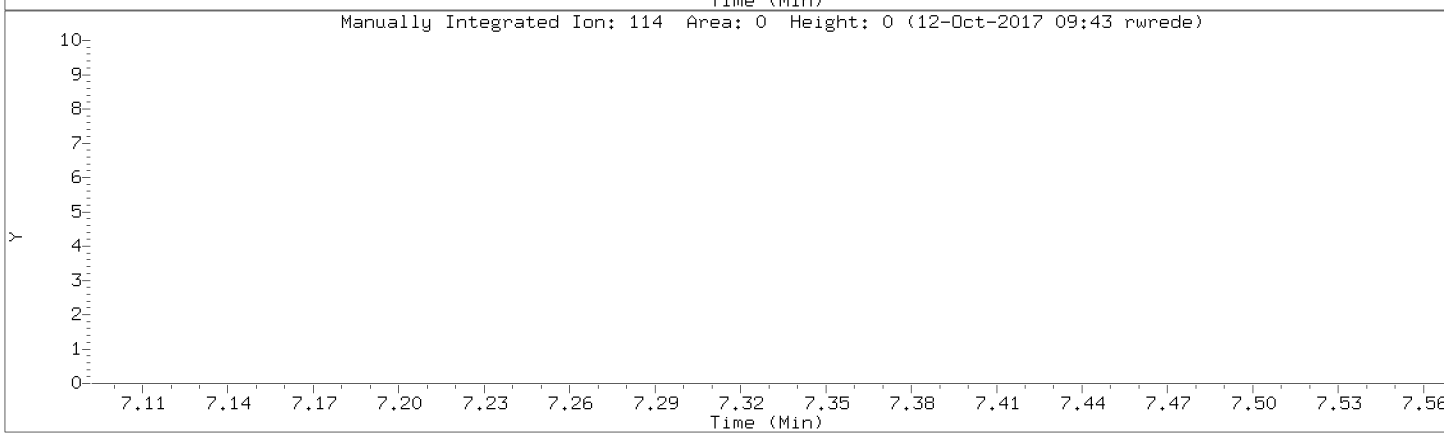
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2





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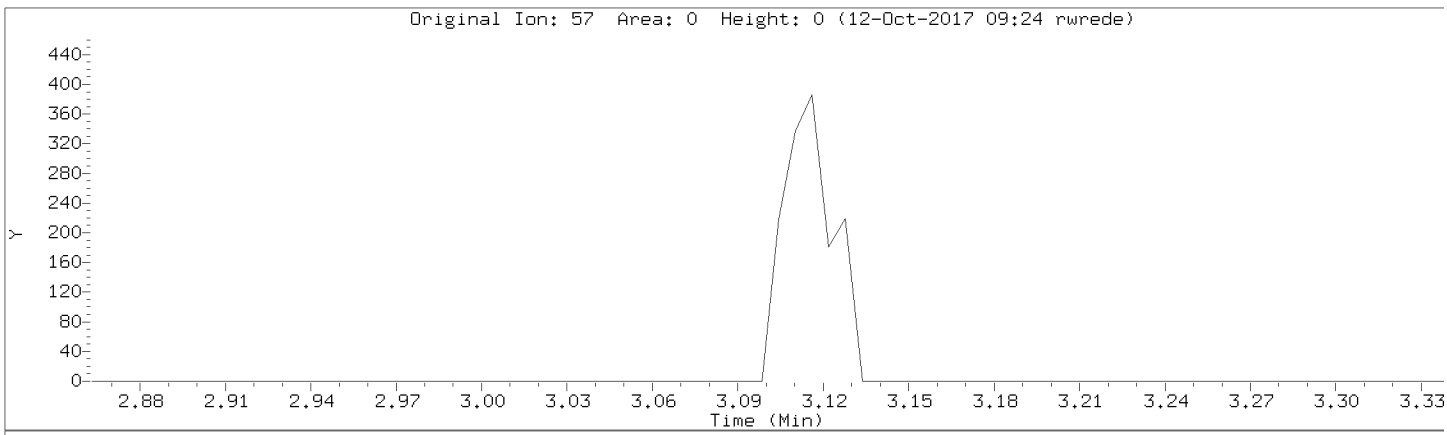
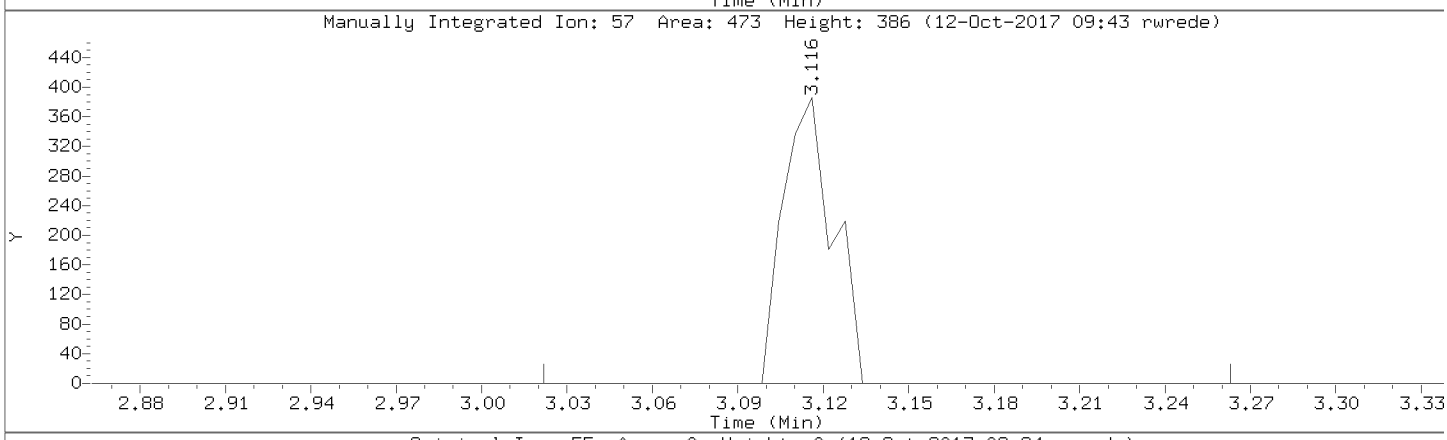
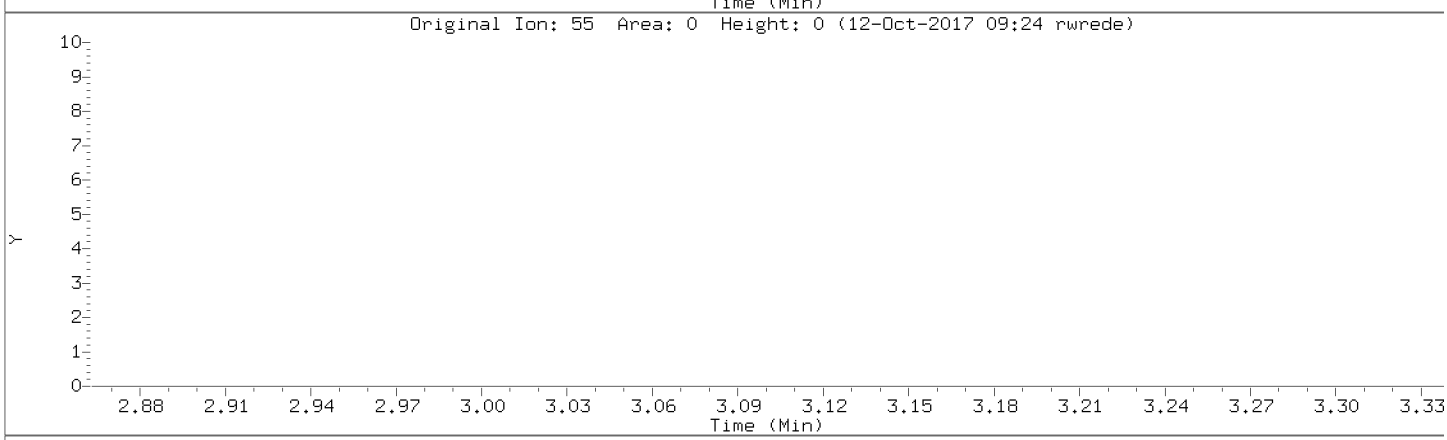
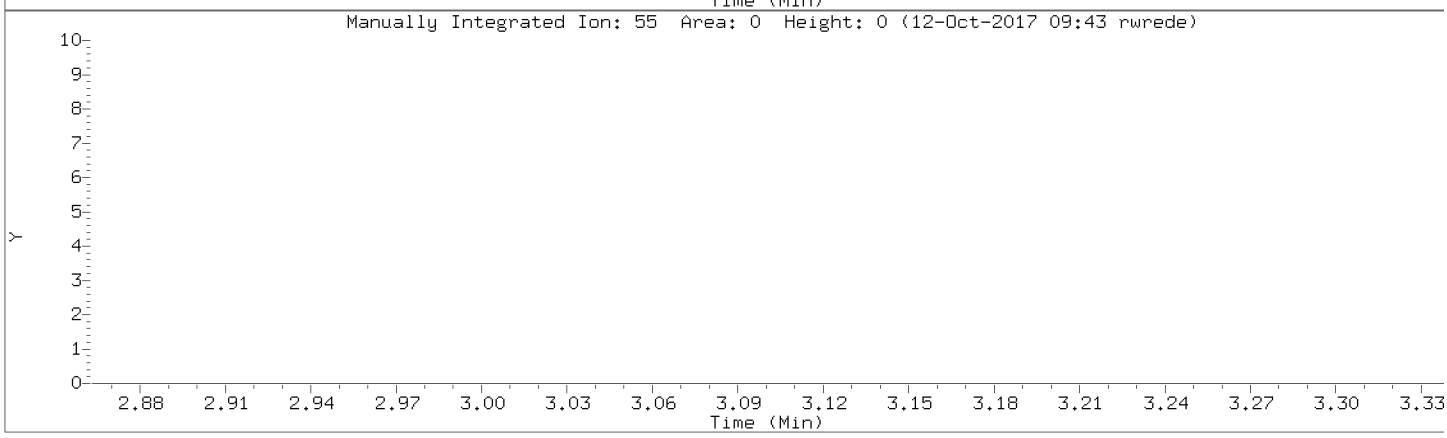
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: n-Hexane Review Code: NI
CAS Number:









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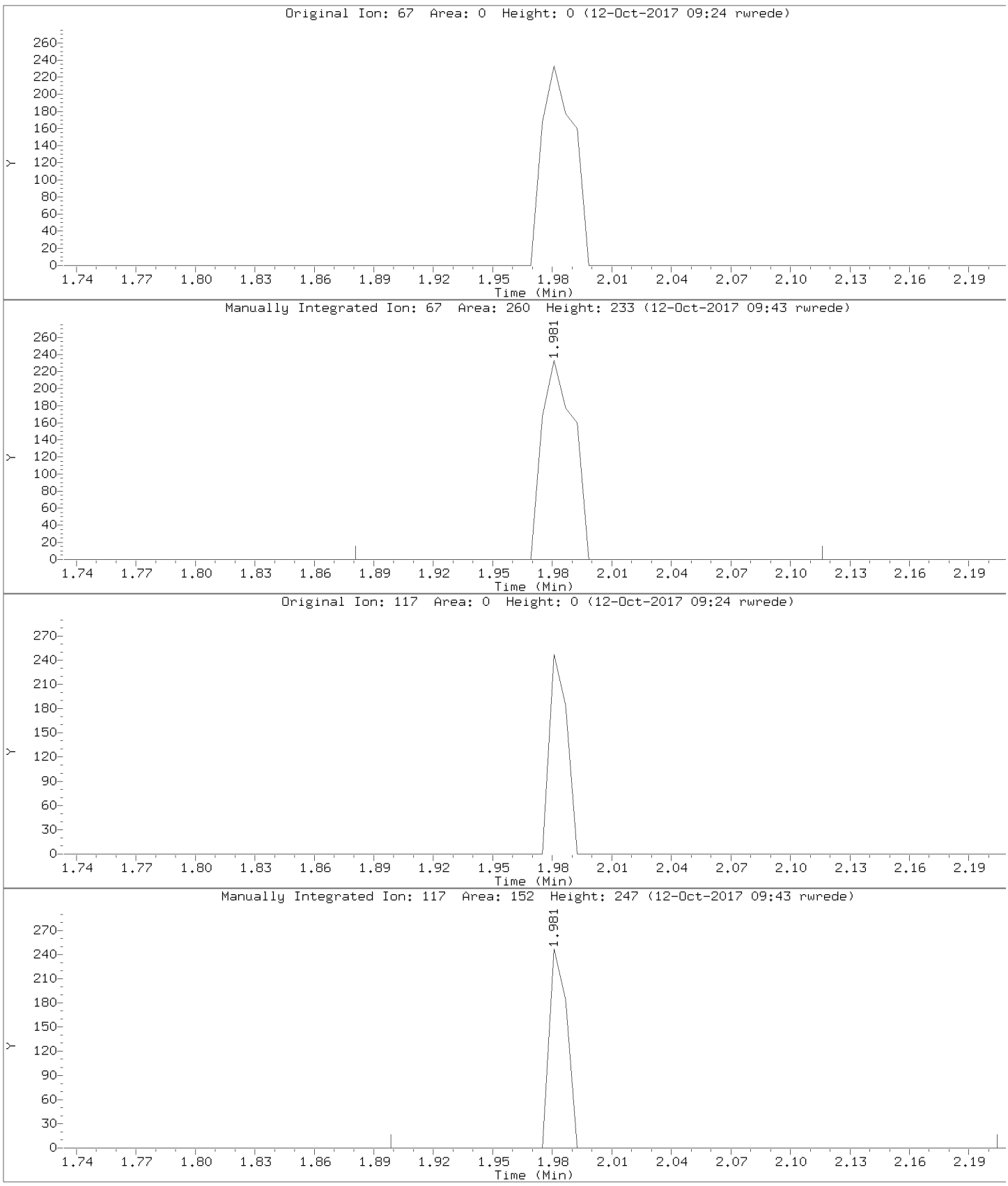
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1,2-dichlorotrifluoroethane Review Code: NI
CAS Number: 354-23-4



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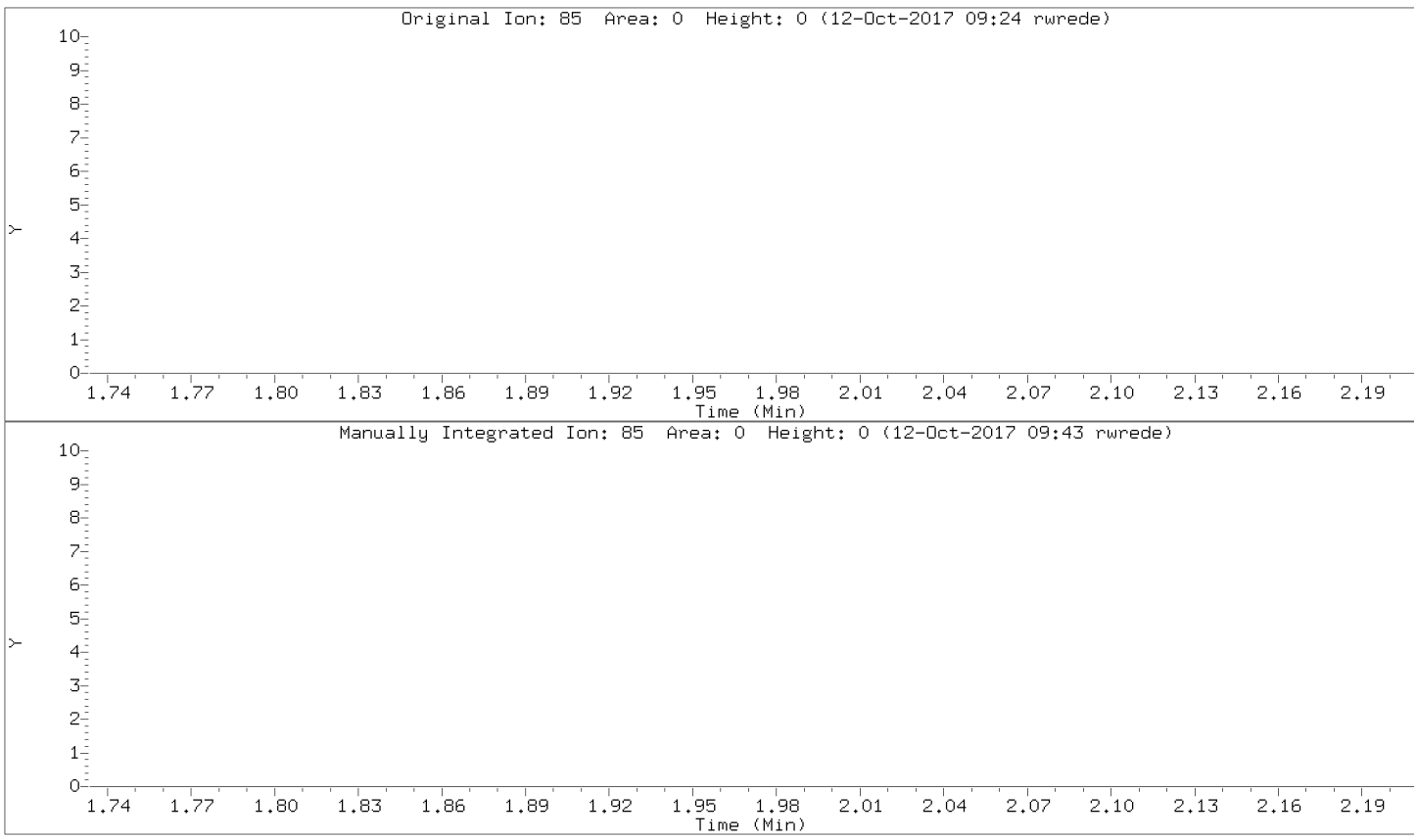
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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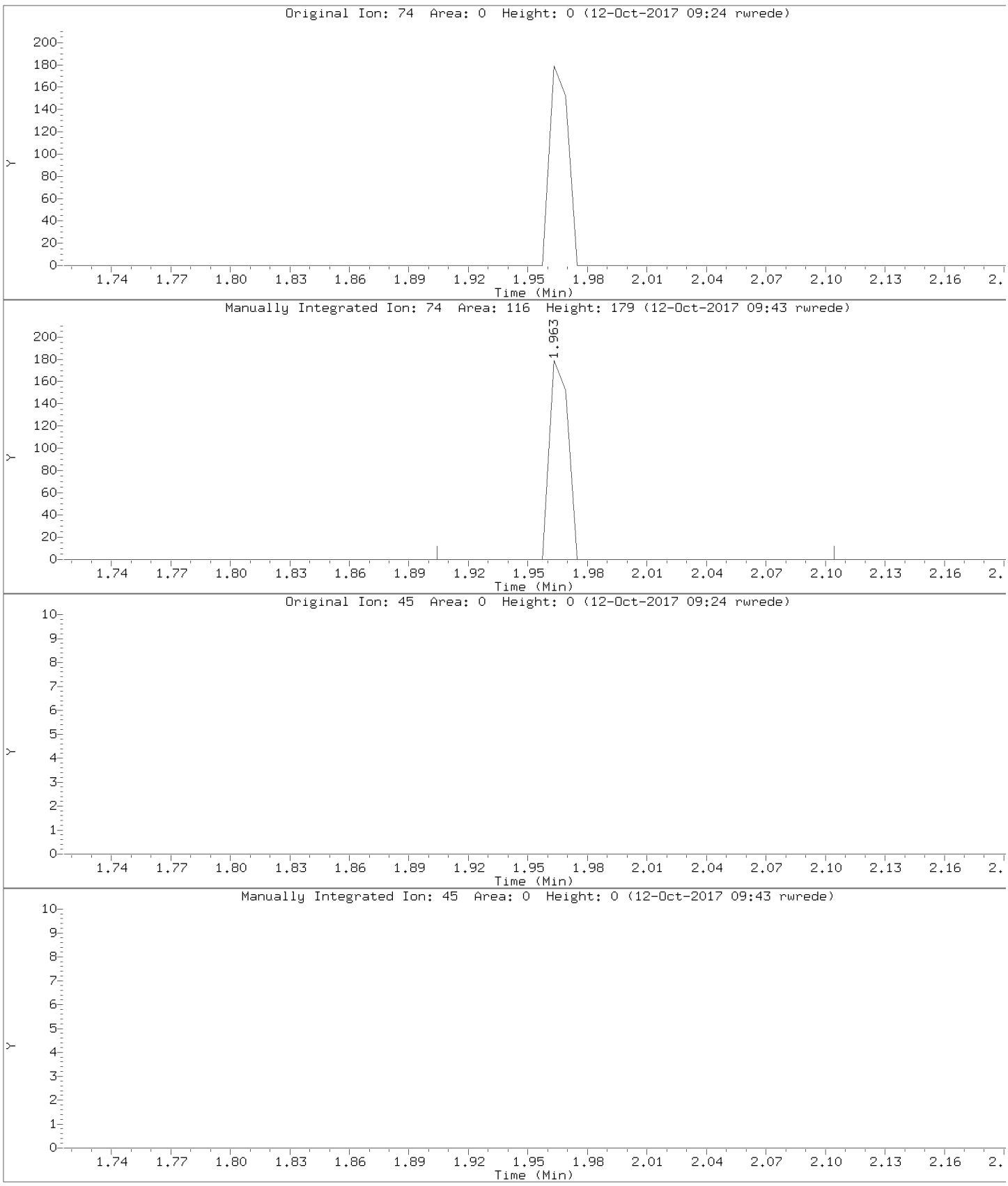
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Diethyl ether Review Code: NI
CAS Number: 60-29-7



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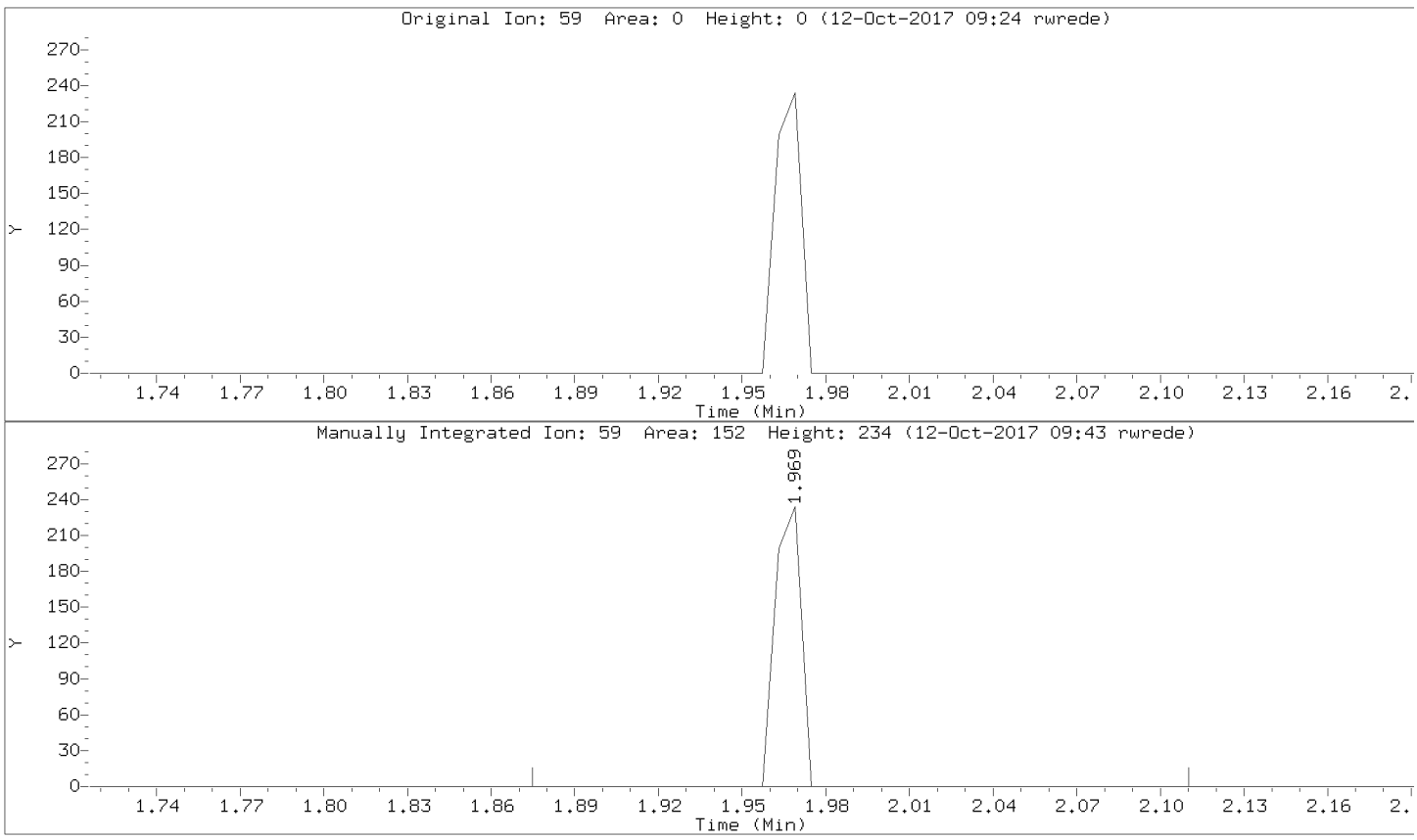
Lab Sample ID: 8260-CAL2



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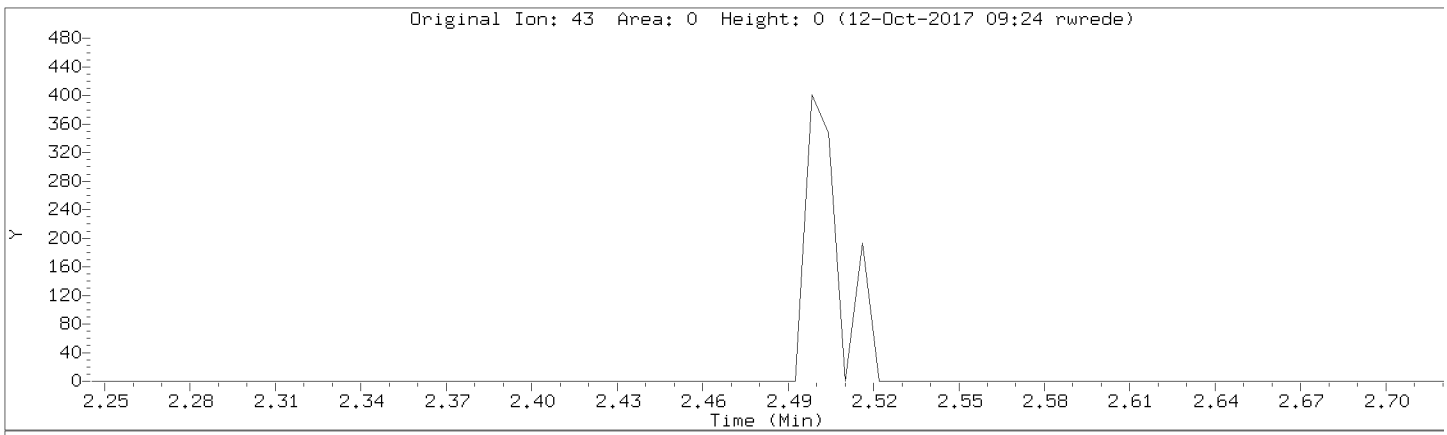
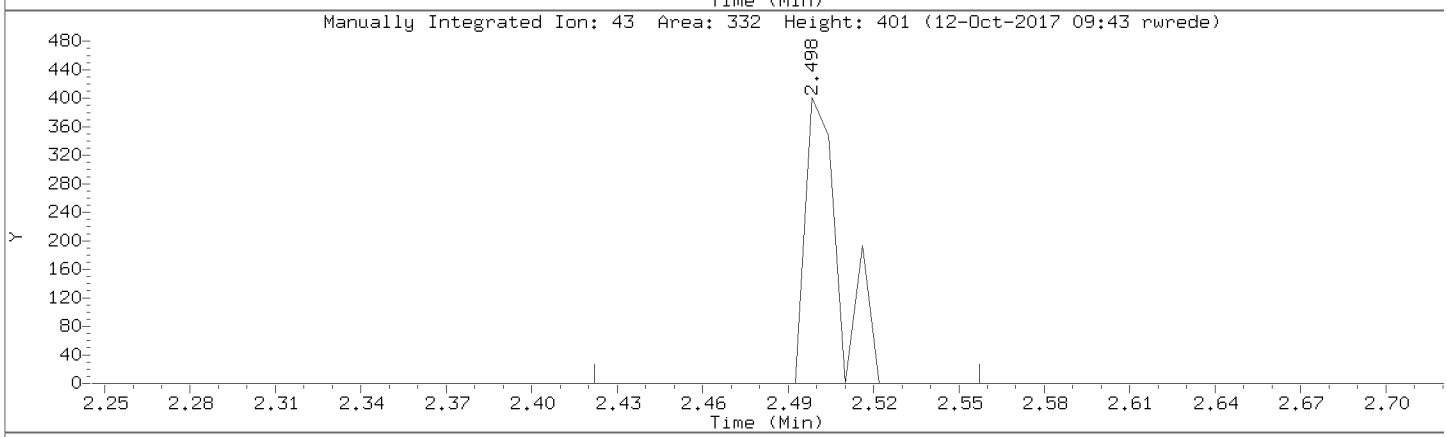
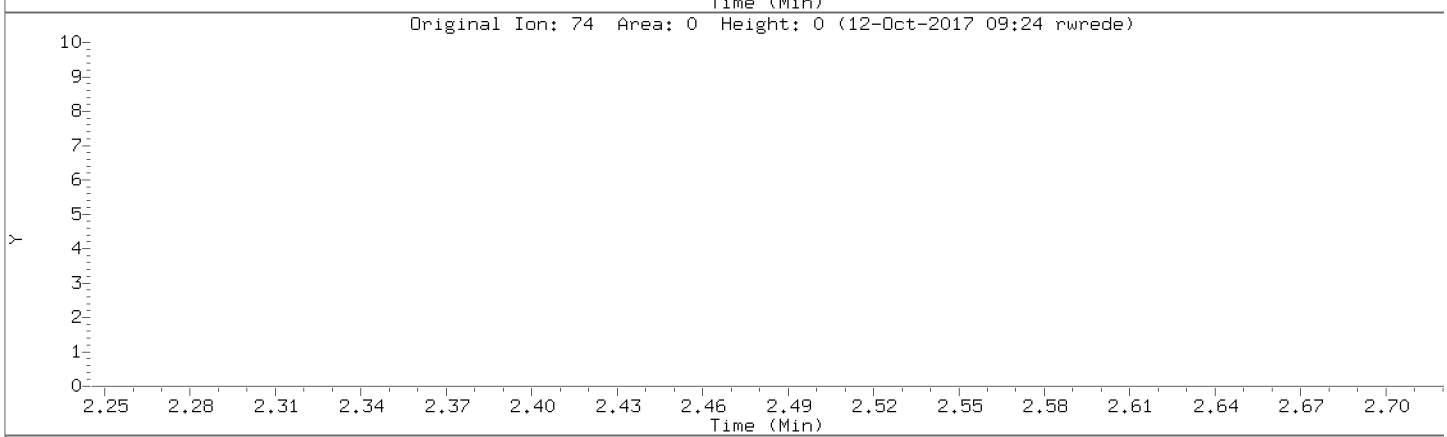
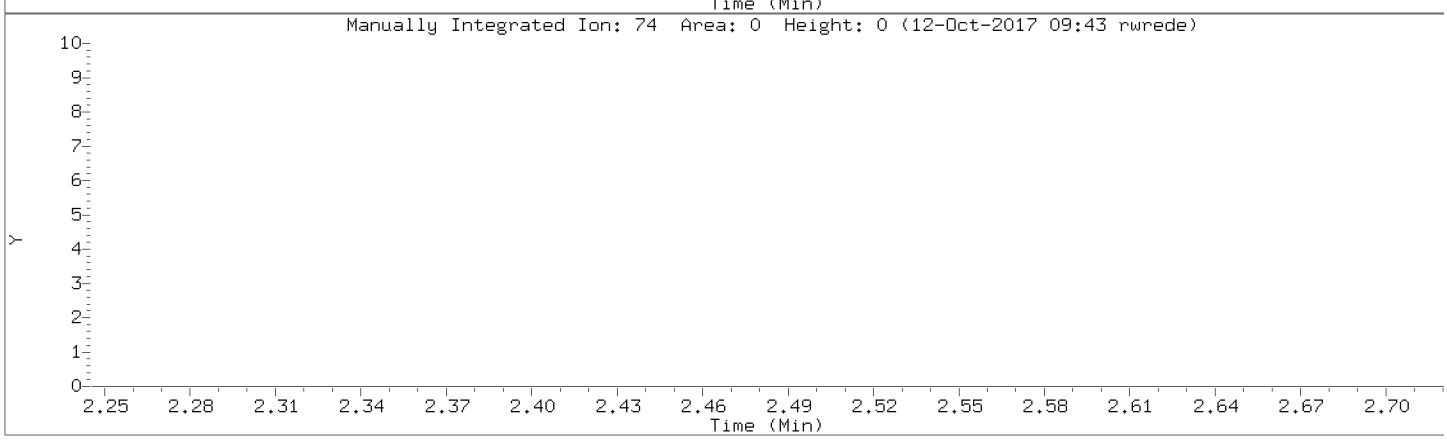
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Methyl Acetate Review Code: NI
CAS Number: 79-20-9









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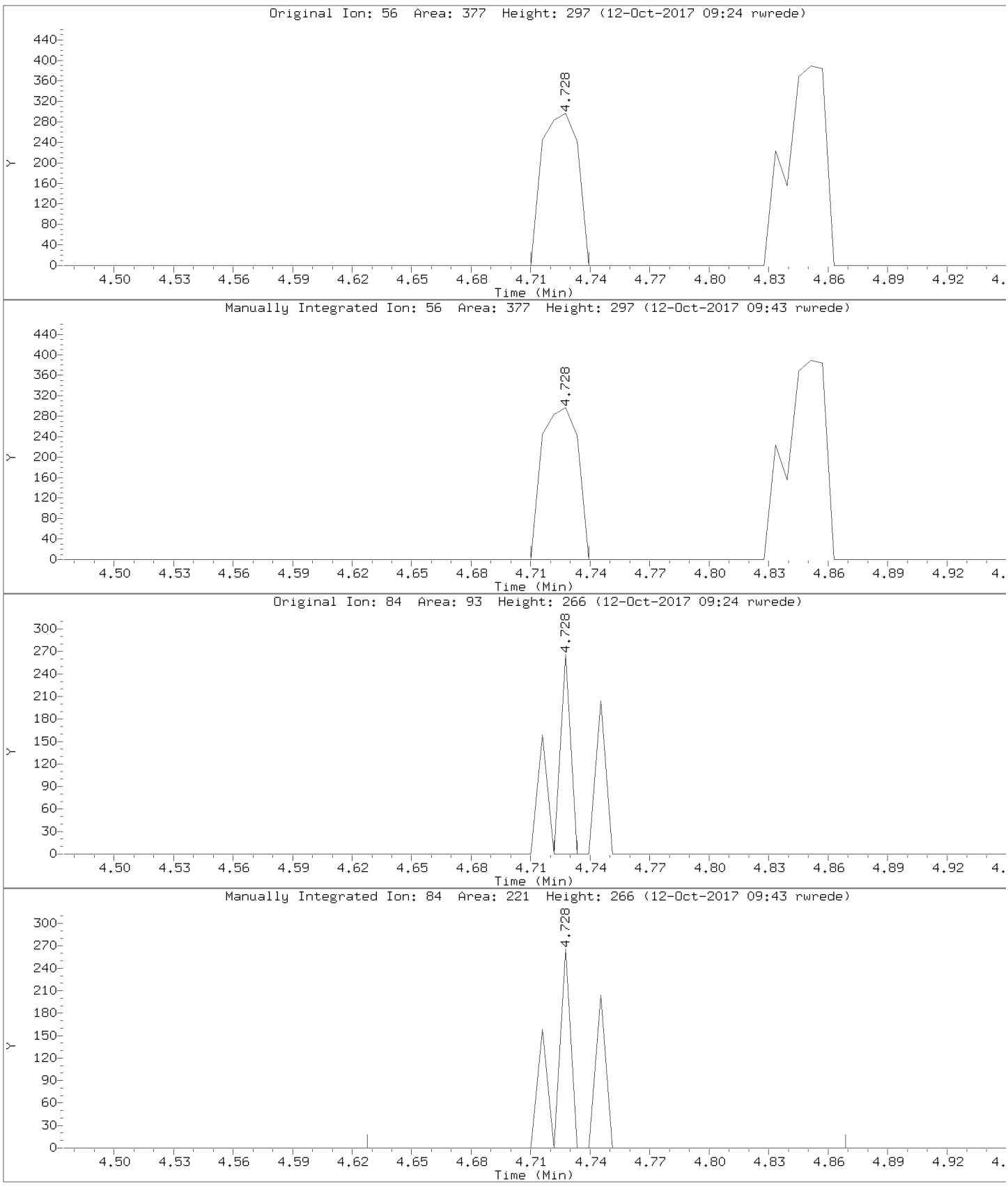
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Cyclohexane Review Code: LT
CAS Number: 110-82-7



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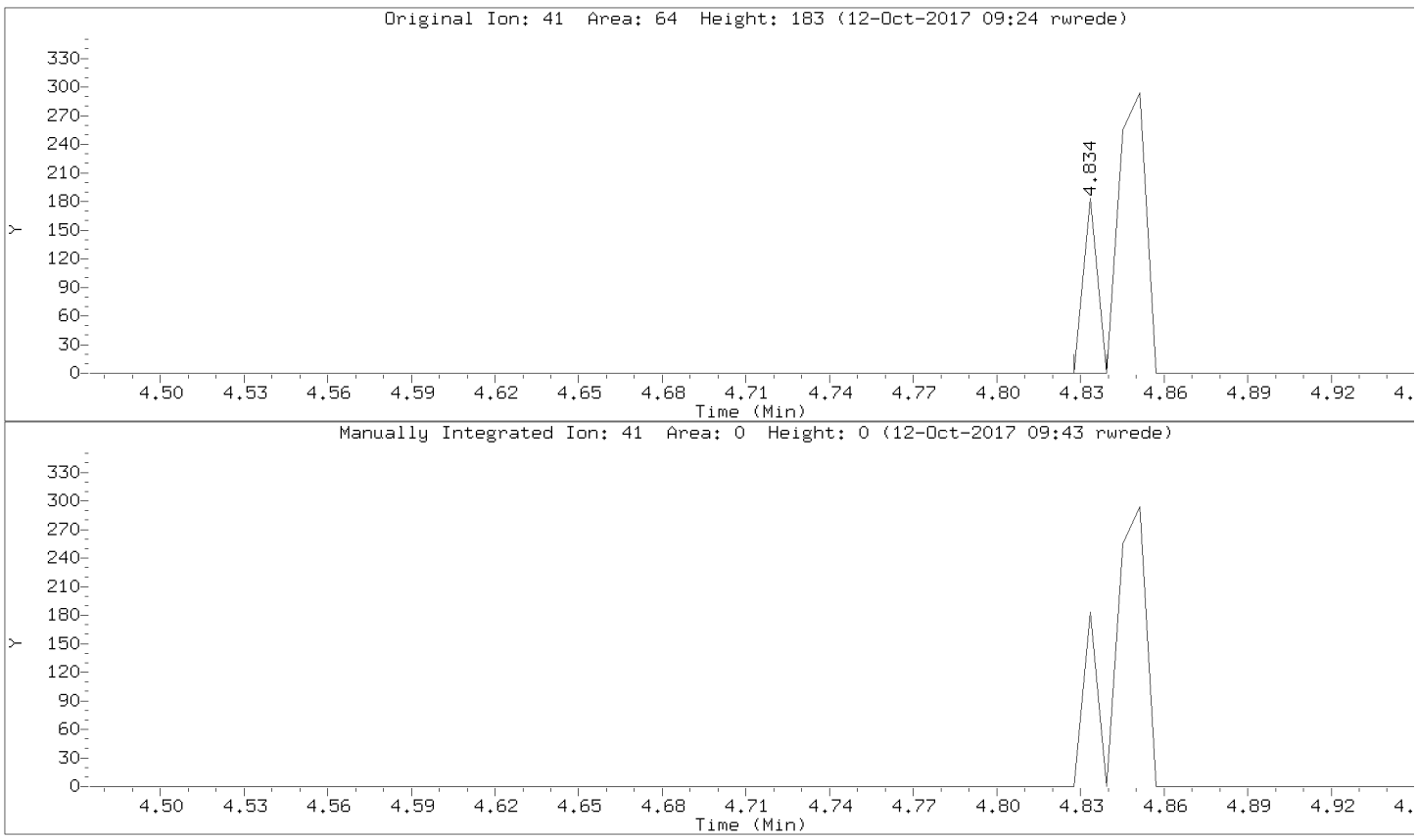
Lab Sample ID: 8260-CAL2



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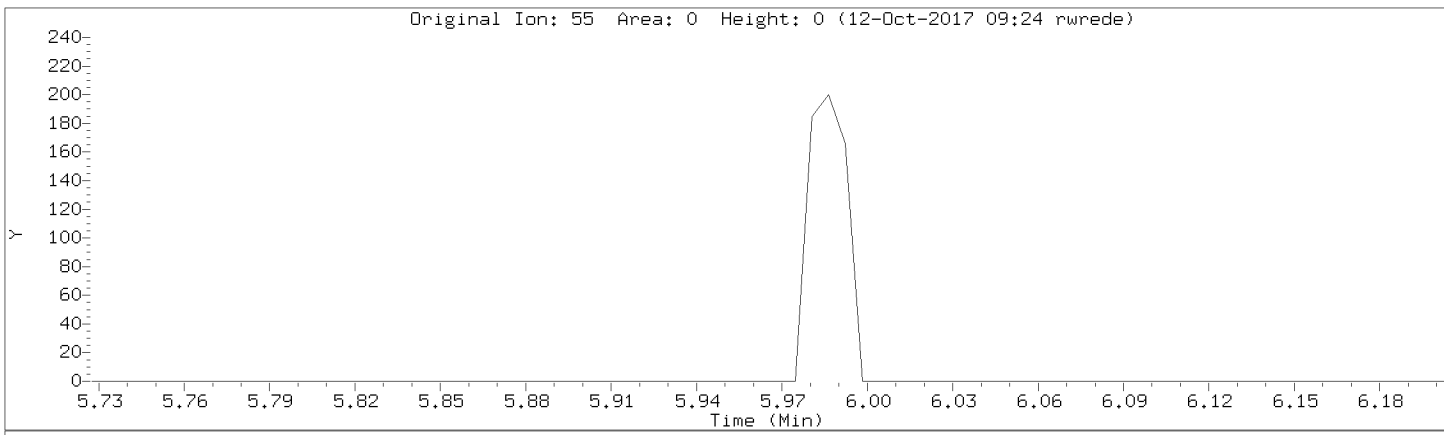
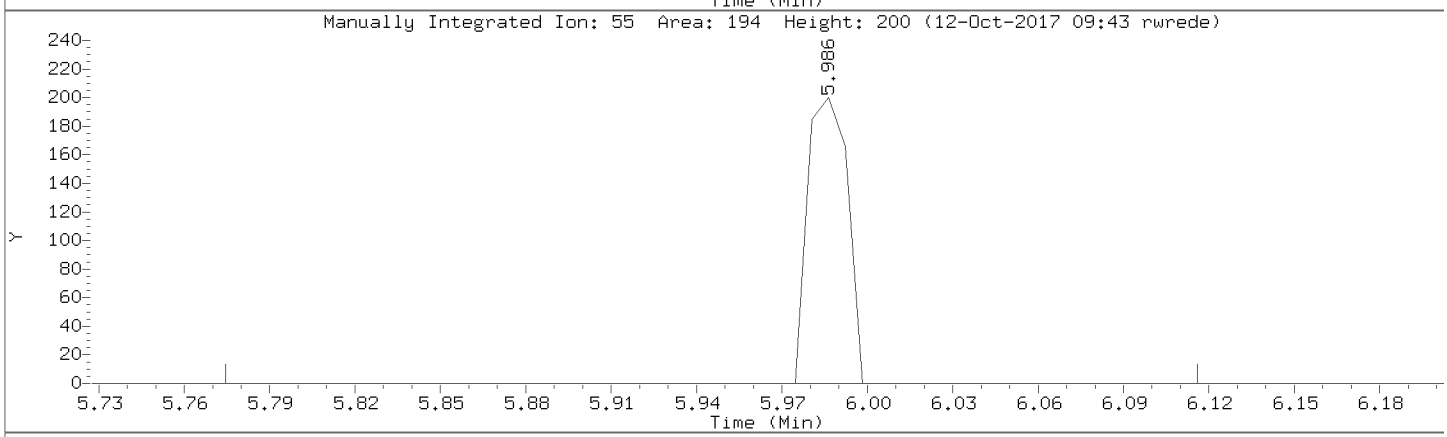
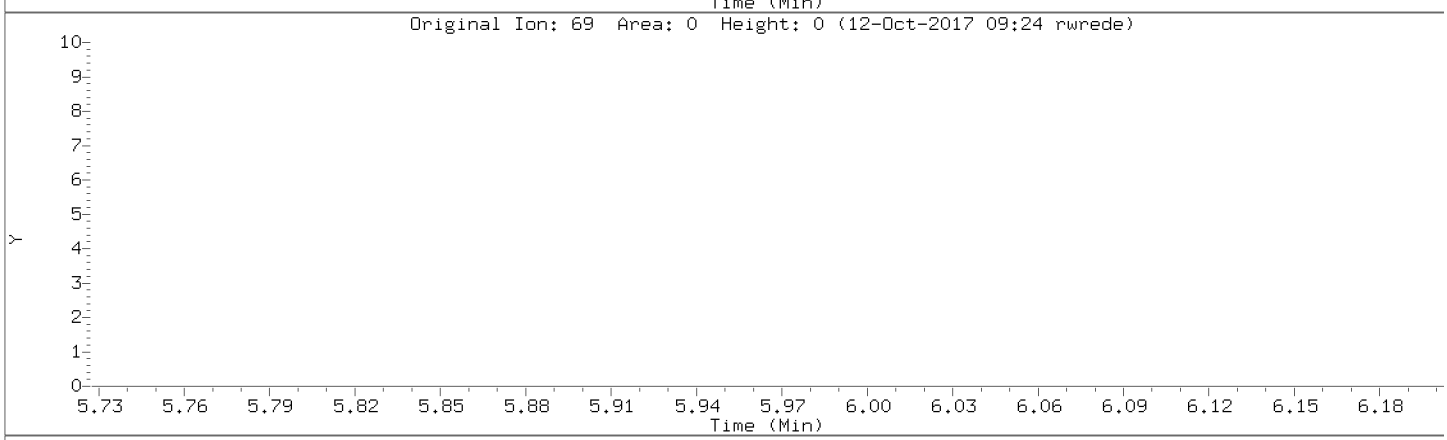
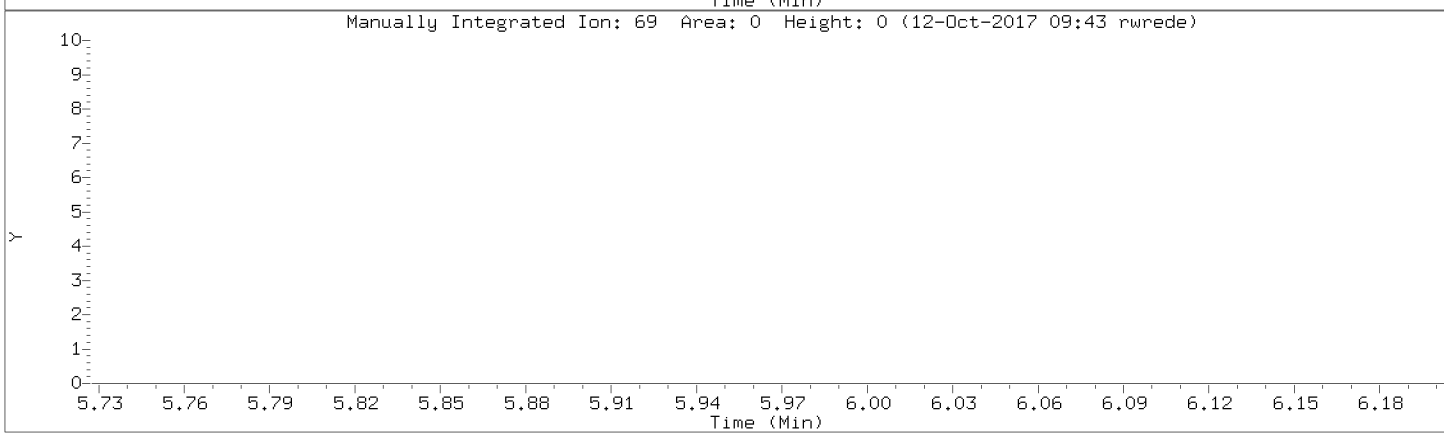
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Methylcyclohexane Review Code: NI
CAS Number: 108-87-2









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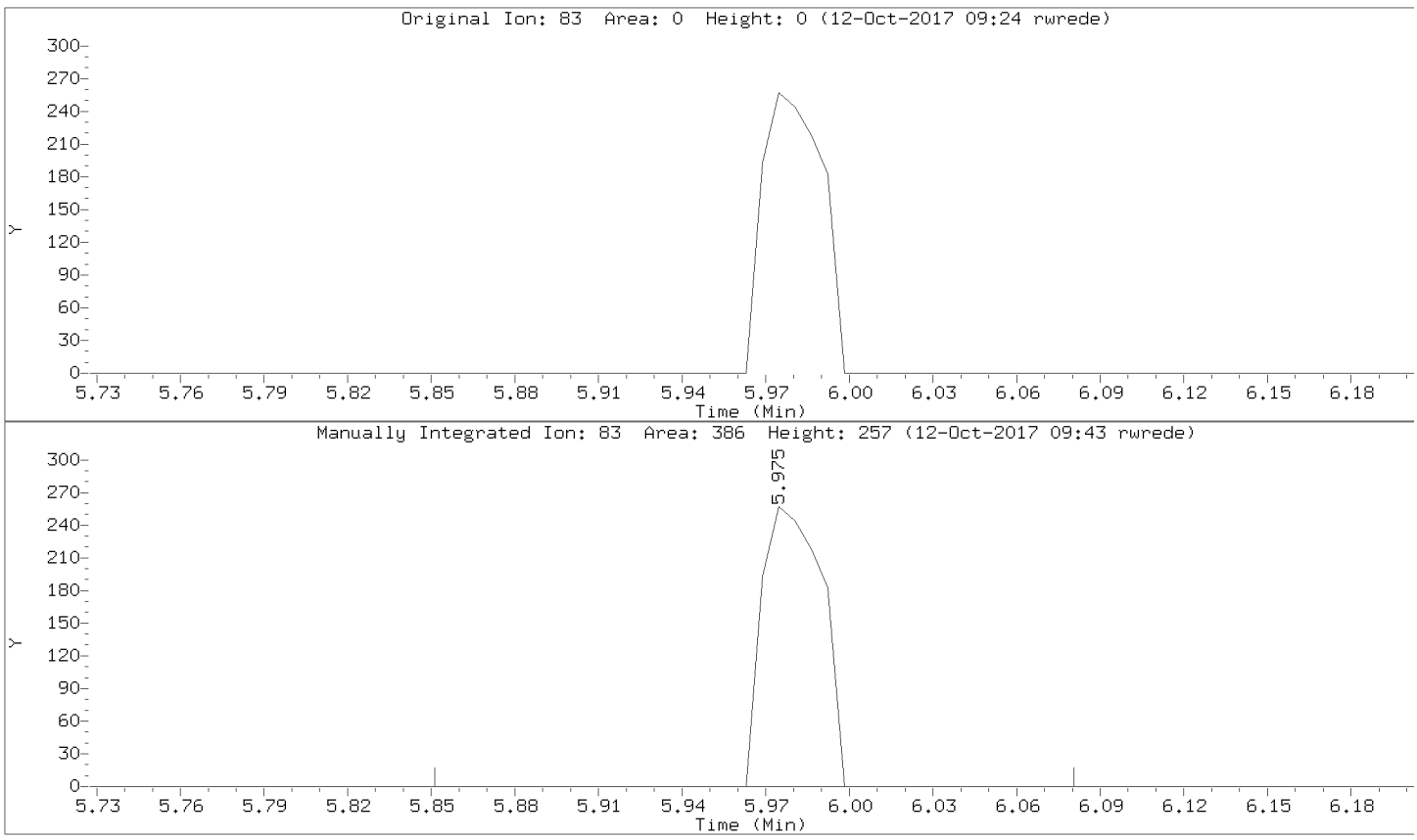
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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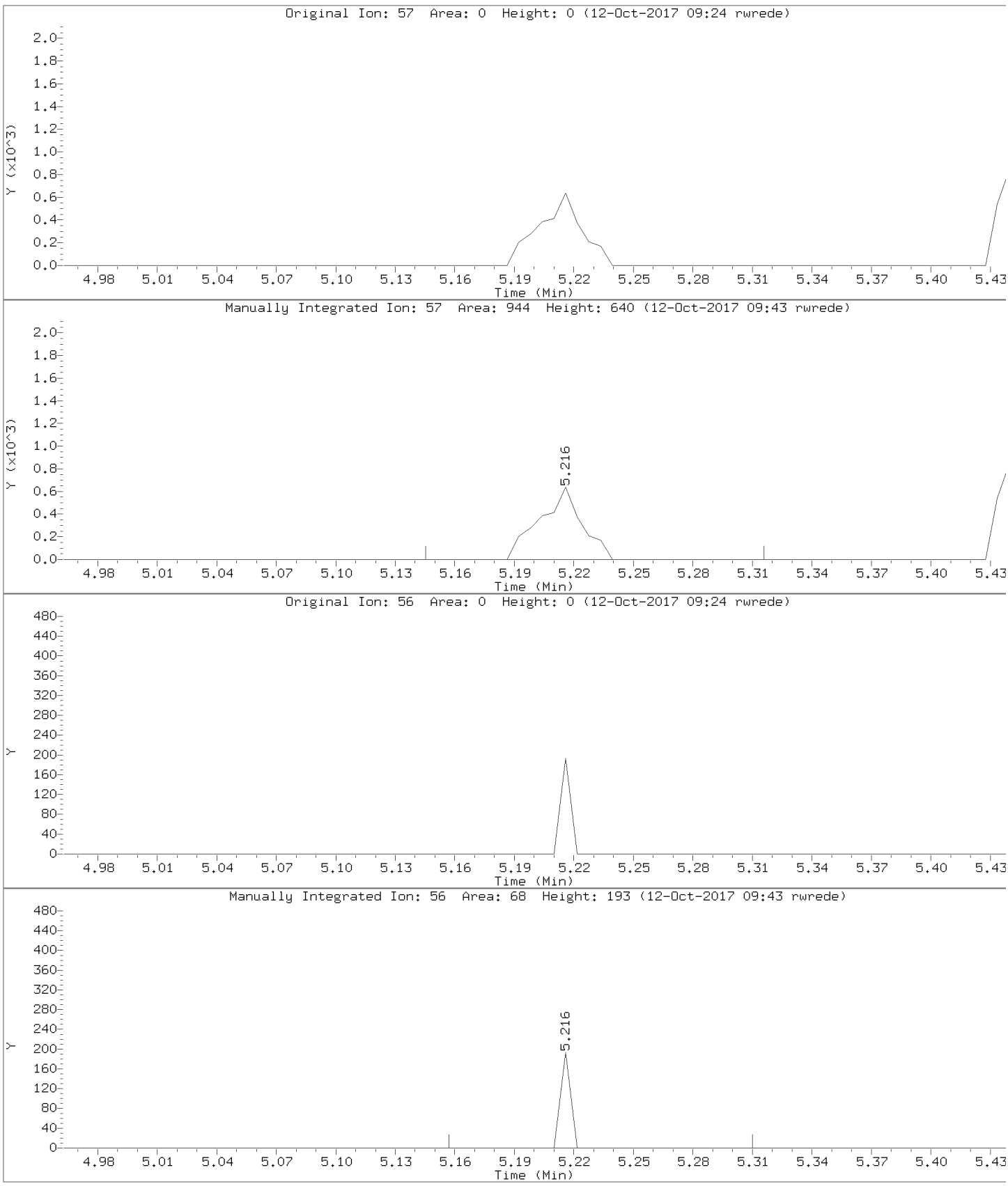
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 2,2,4-Trimethylpentane Review Code: NI
CAS Number: 540-84-1



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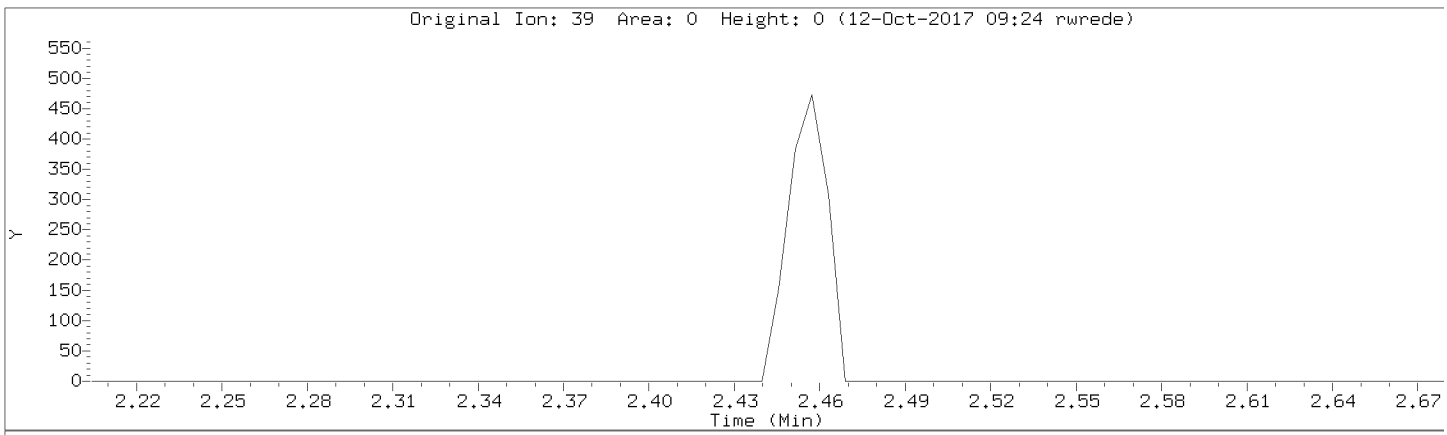
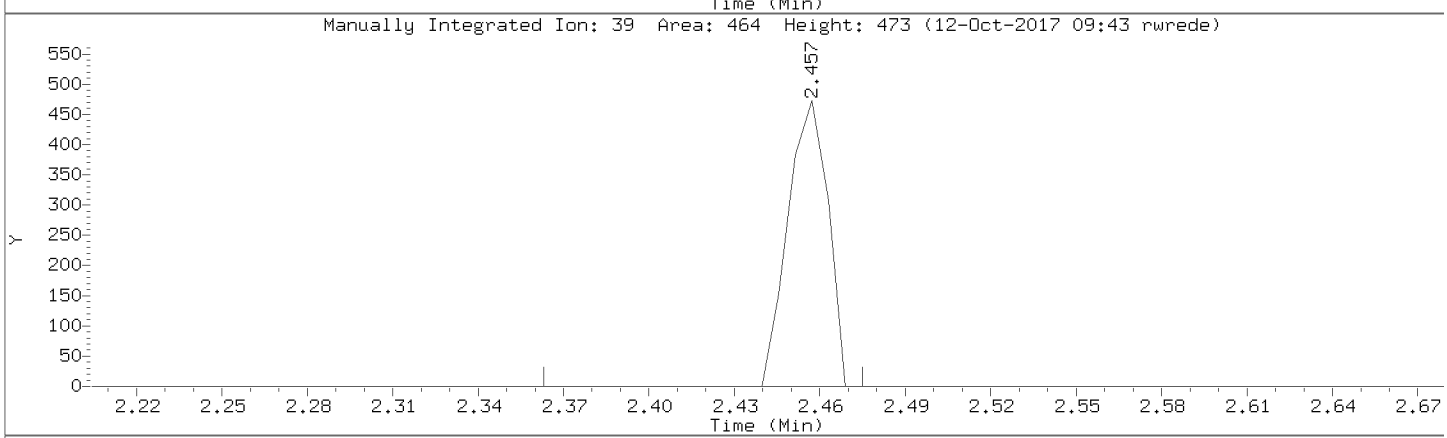
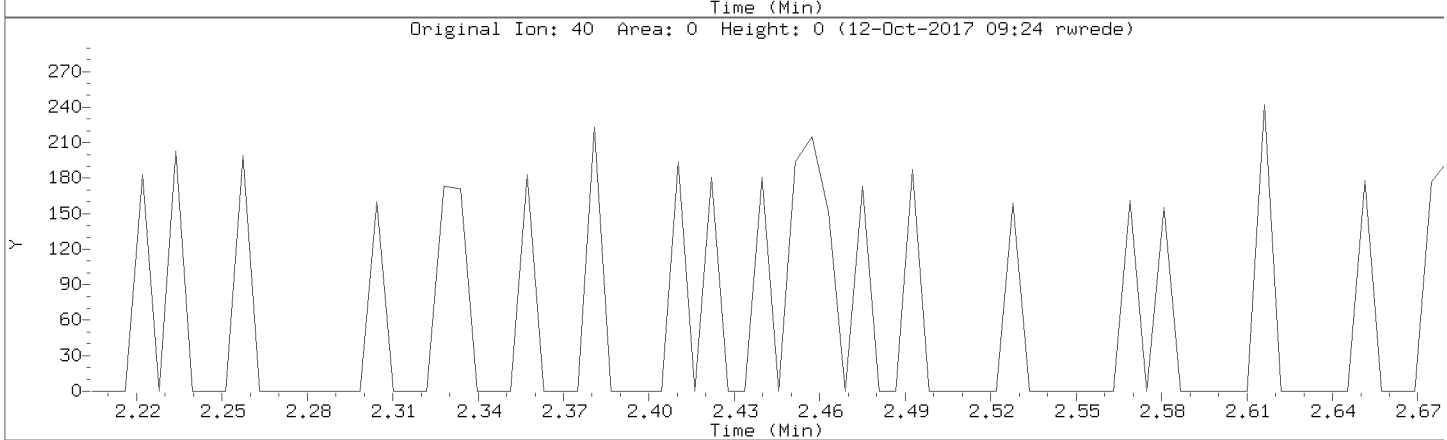
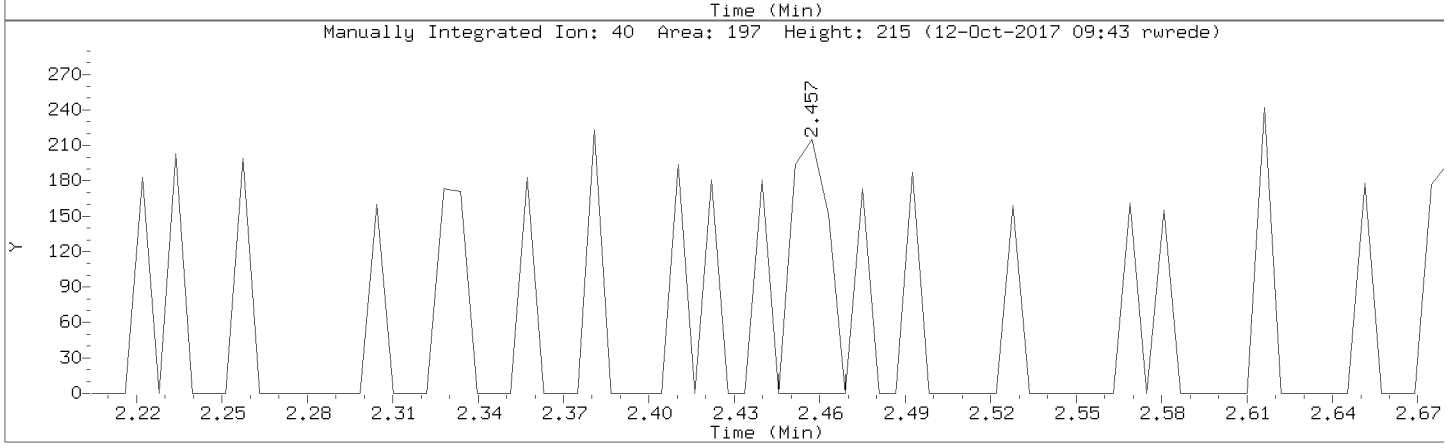
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: Acetonitrile Review Code: NI
CAS Number: 75-05-8









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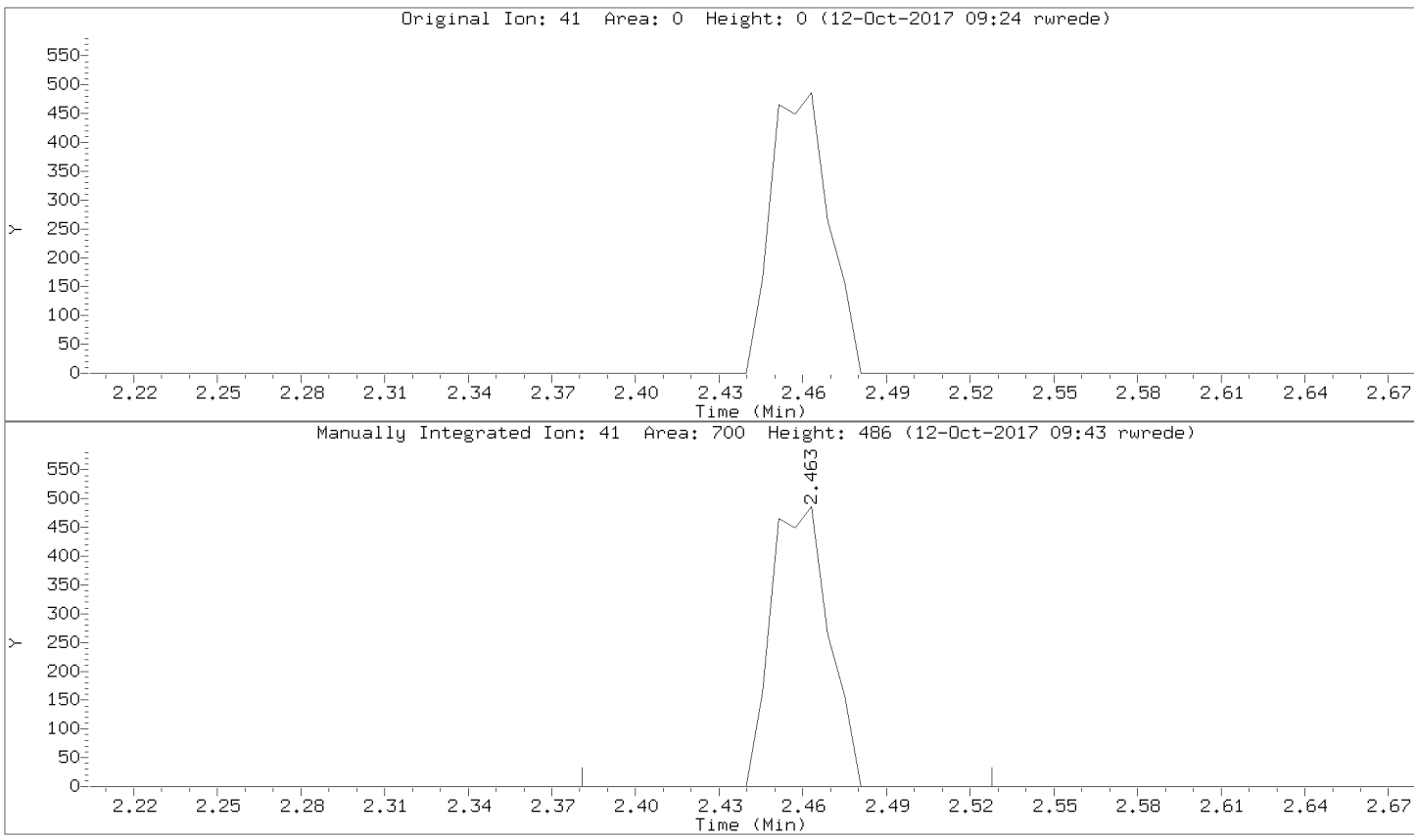
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2



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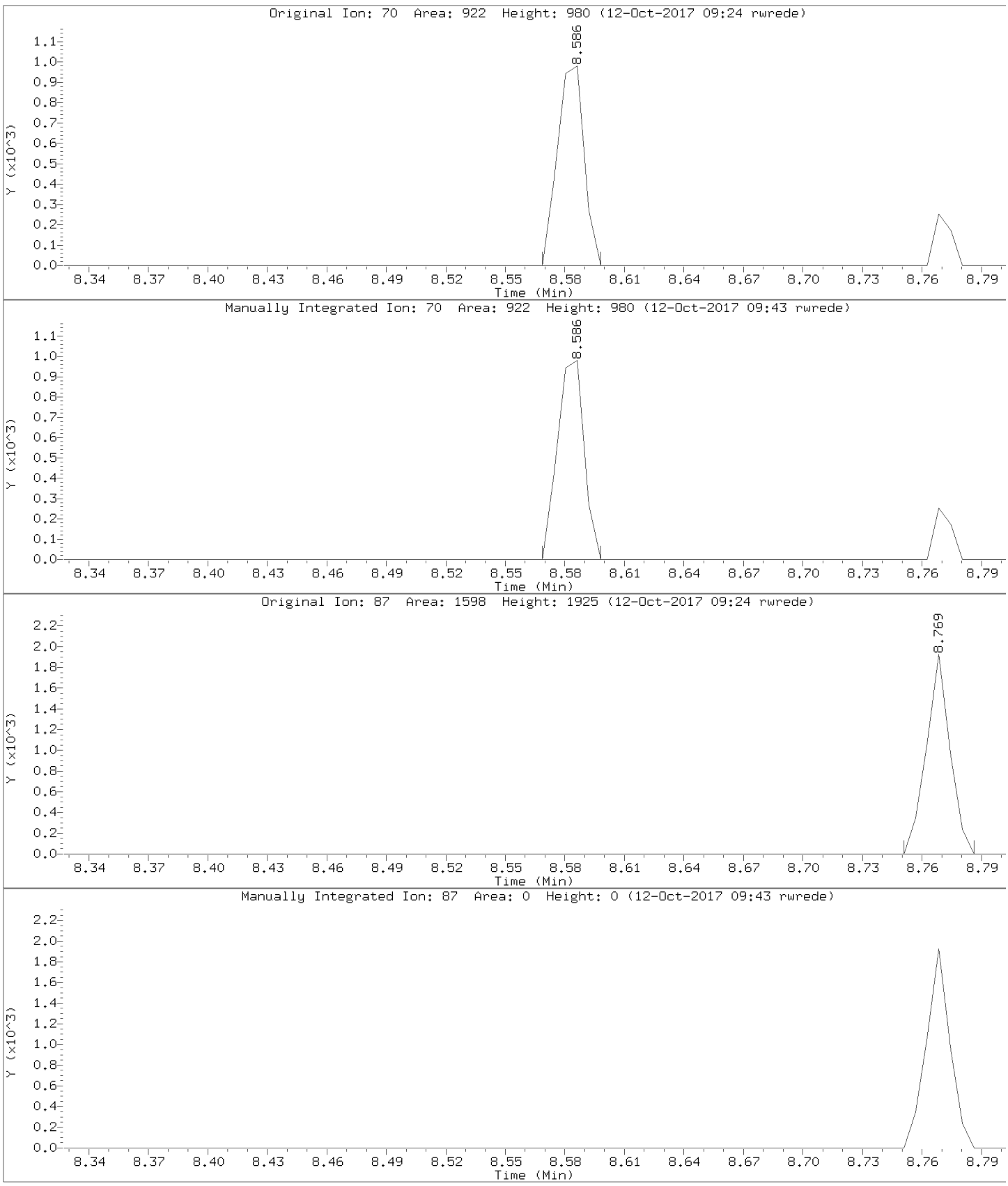
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: n-amyl acetate Review Code: WP
CAS Number: 628-63-7



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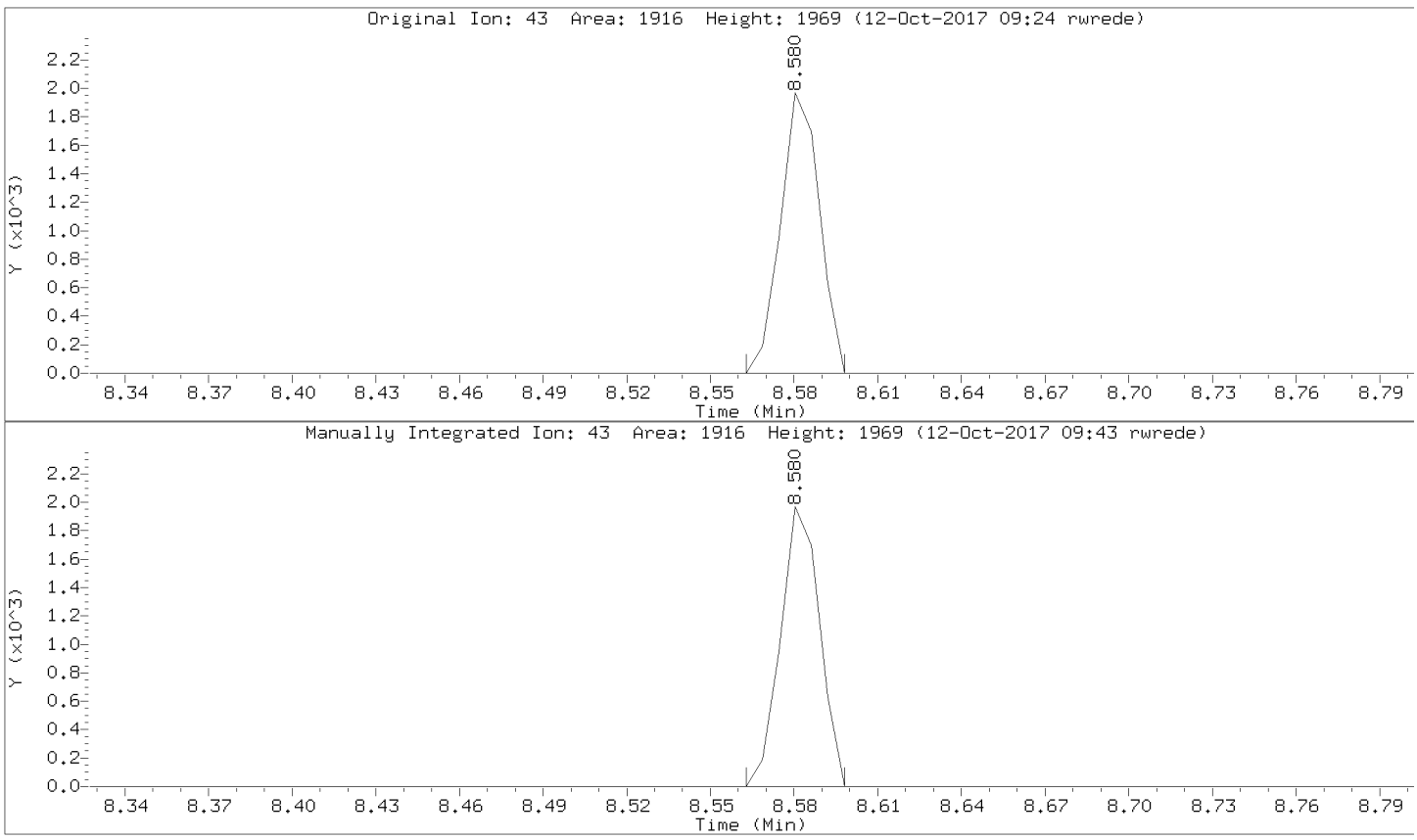

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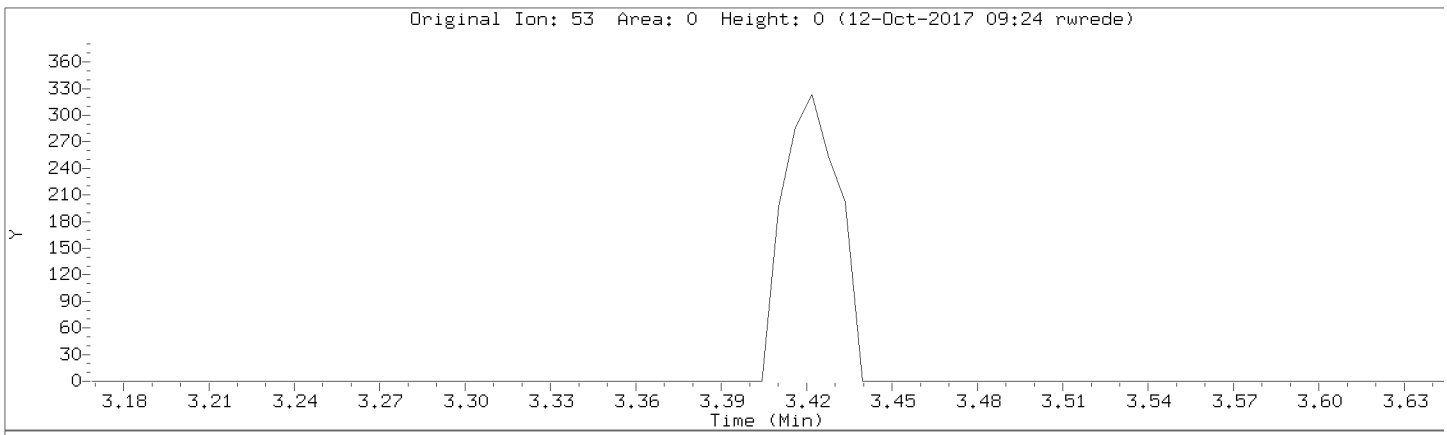
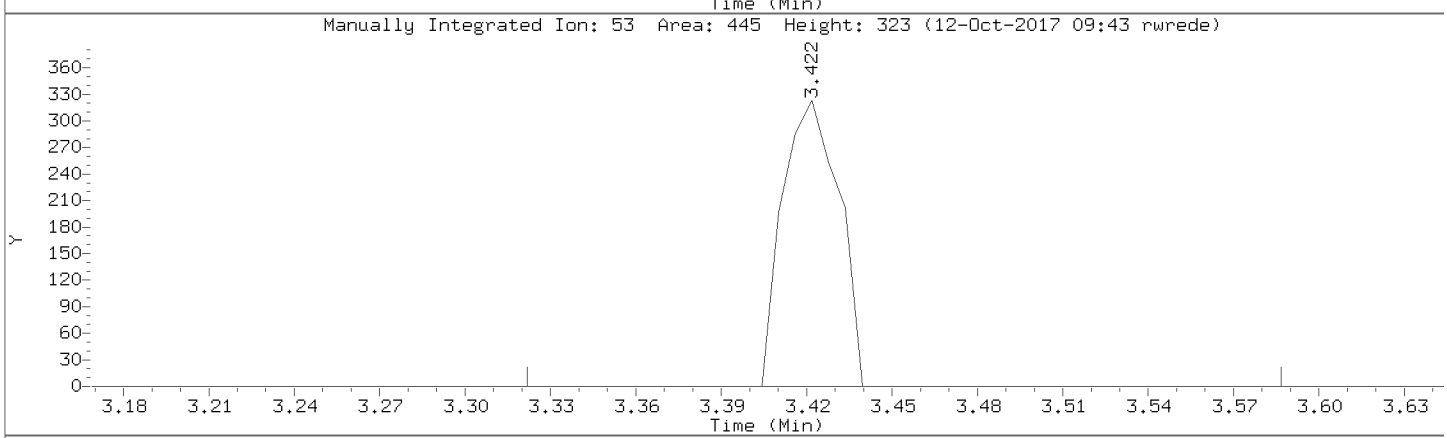
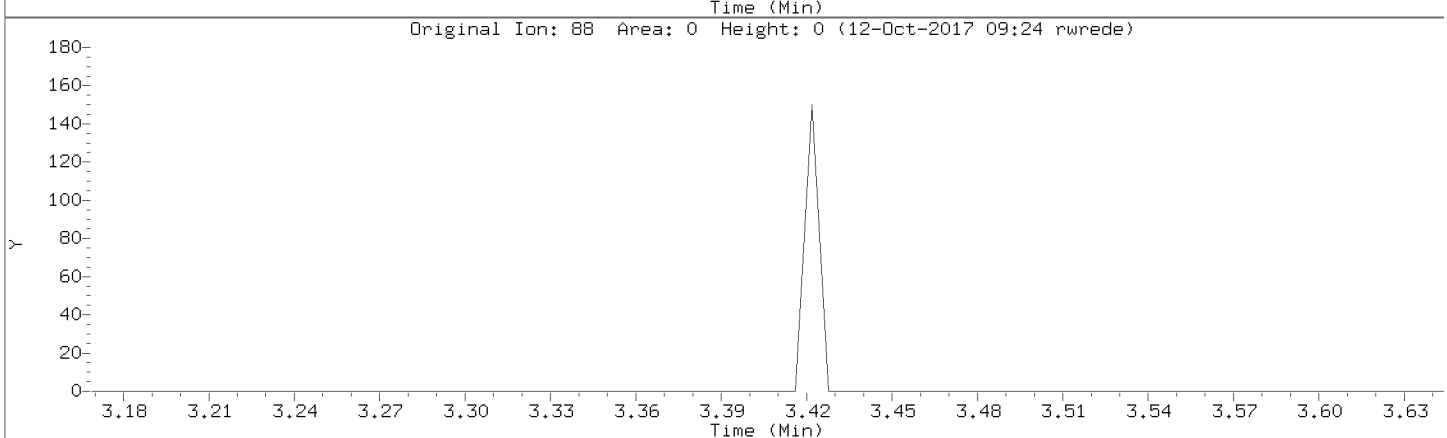
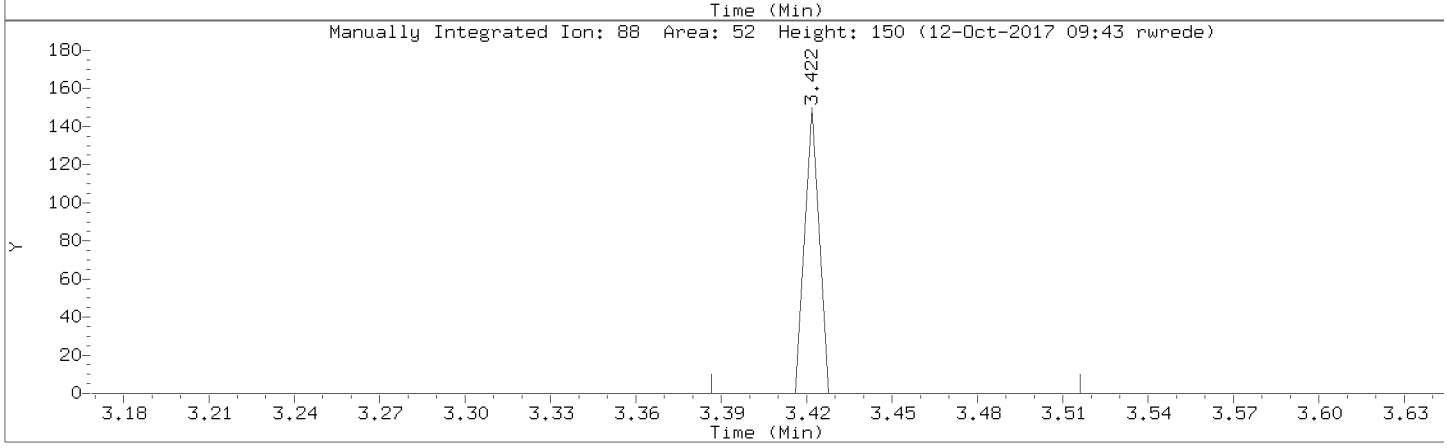
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: chloroprene Review Code: NI
CAS Number: 126-99-8









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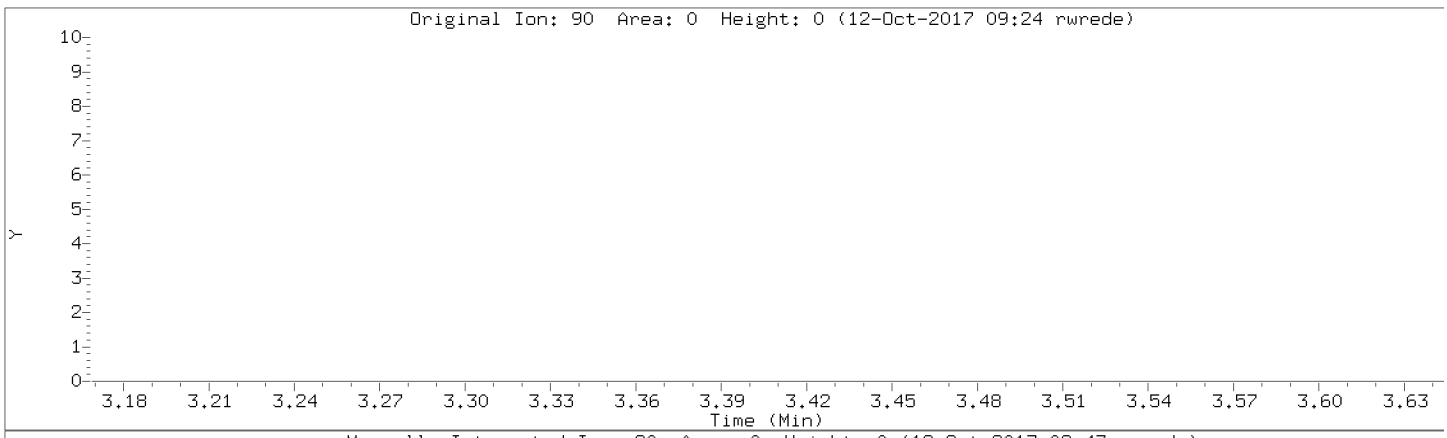

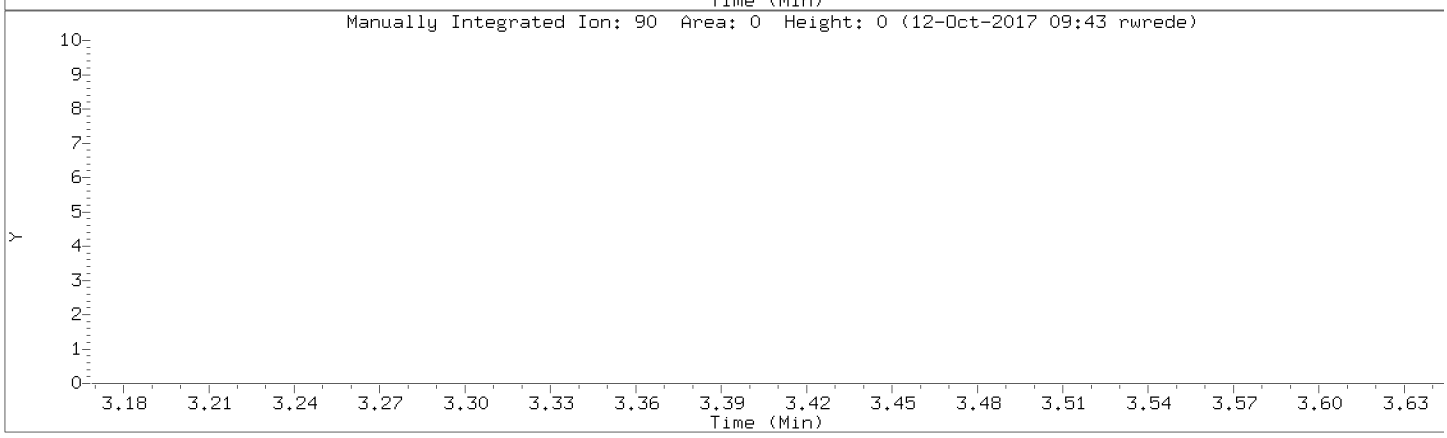

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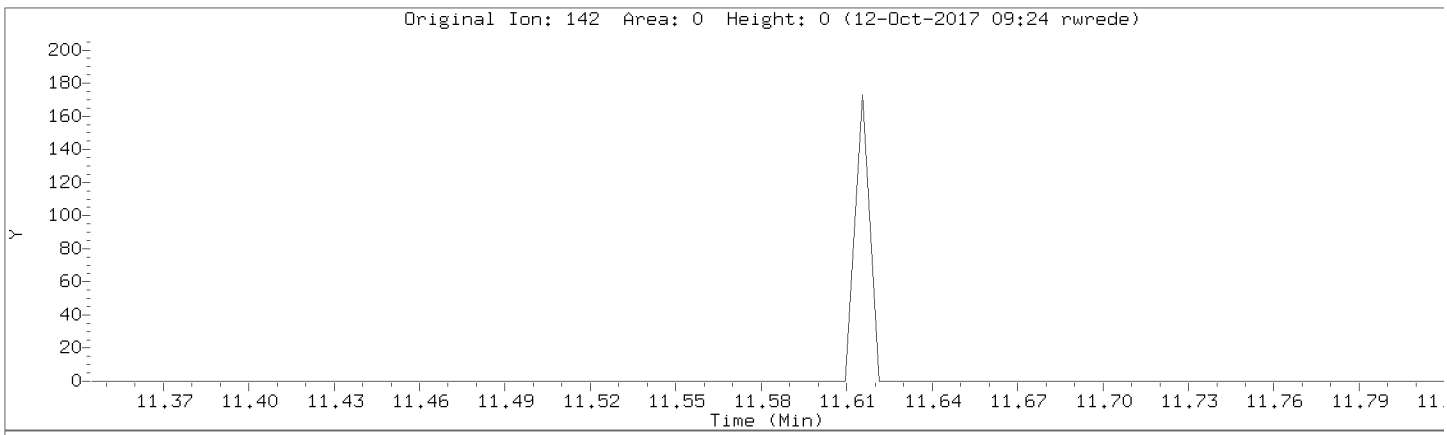
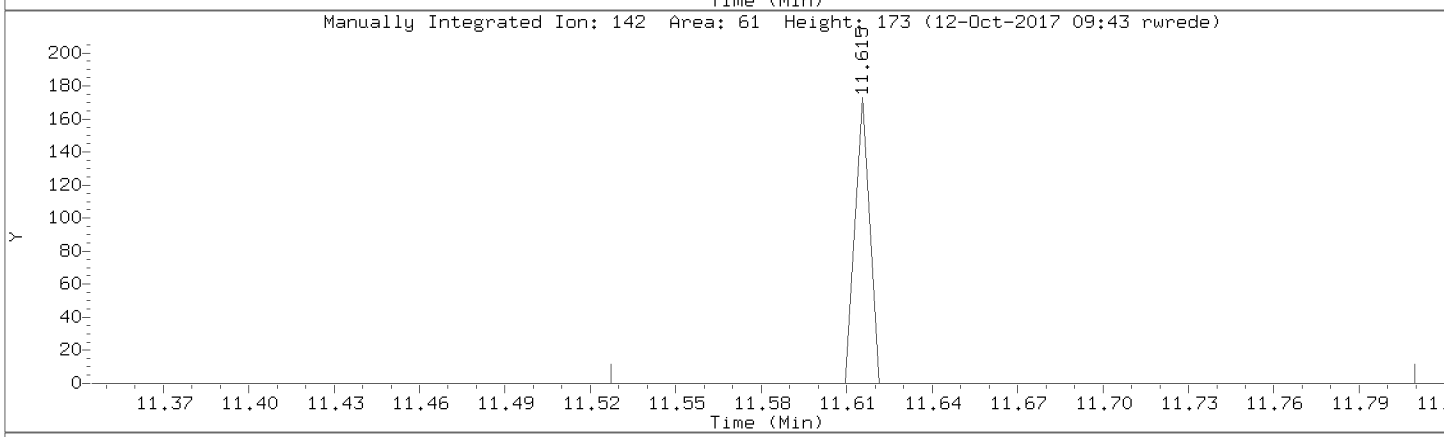
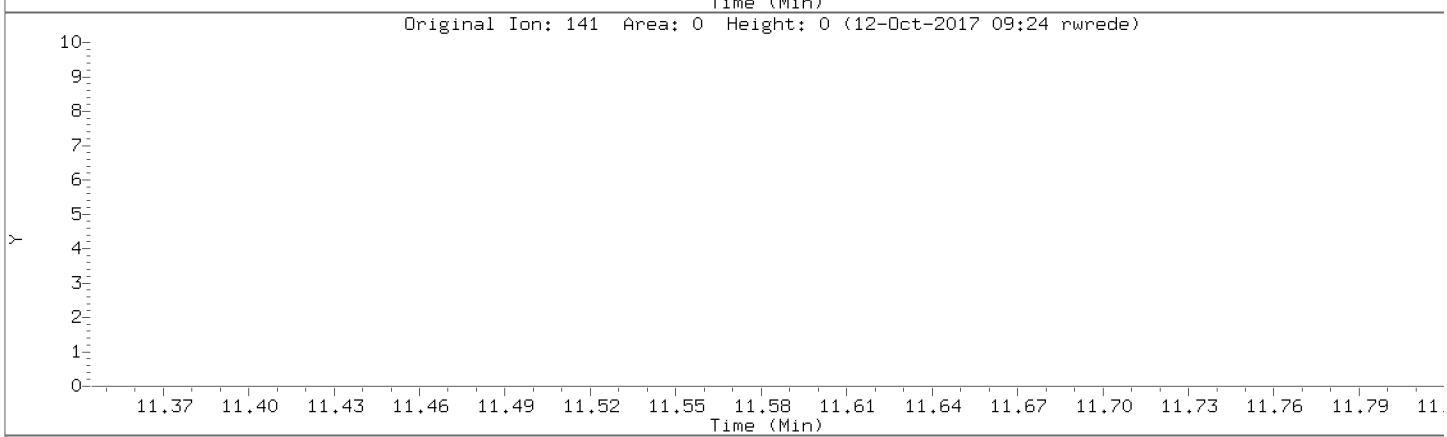
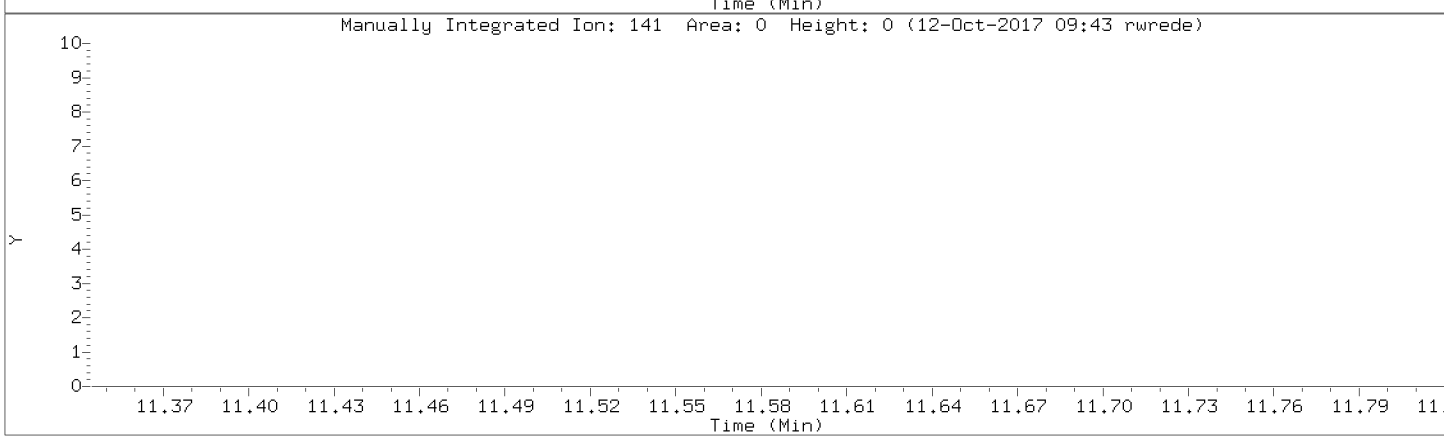
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: 1-Methylnaphthalene Review Code: NI
CAS Number: 90-12-0









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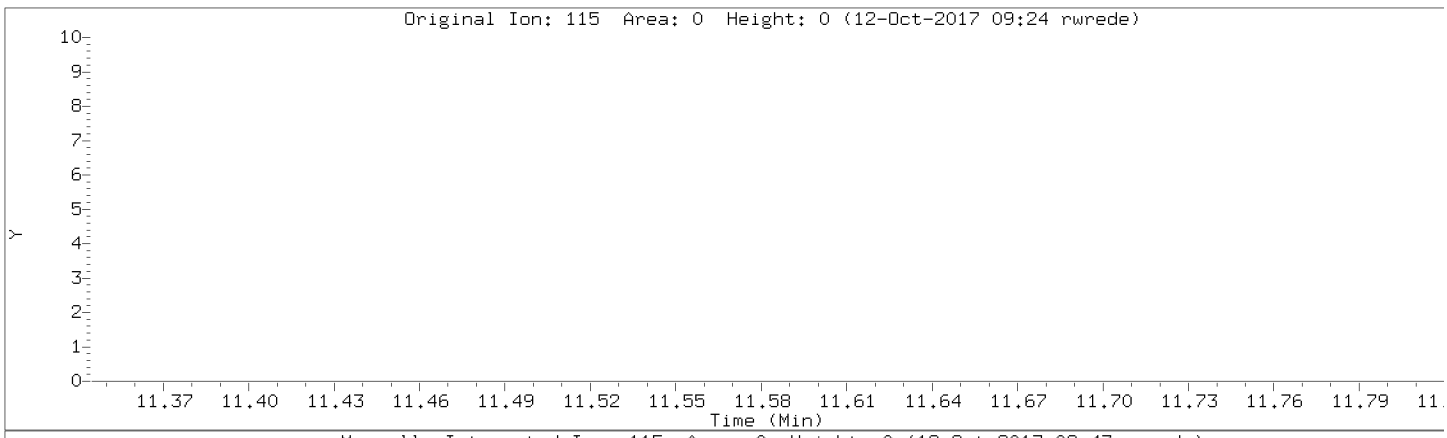

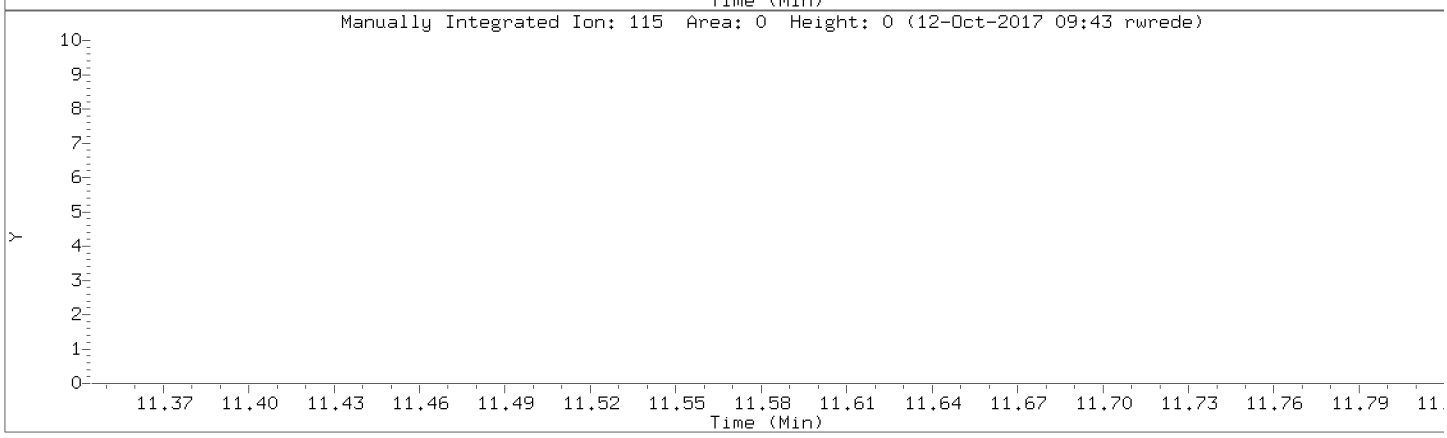

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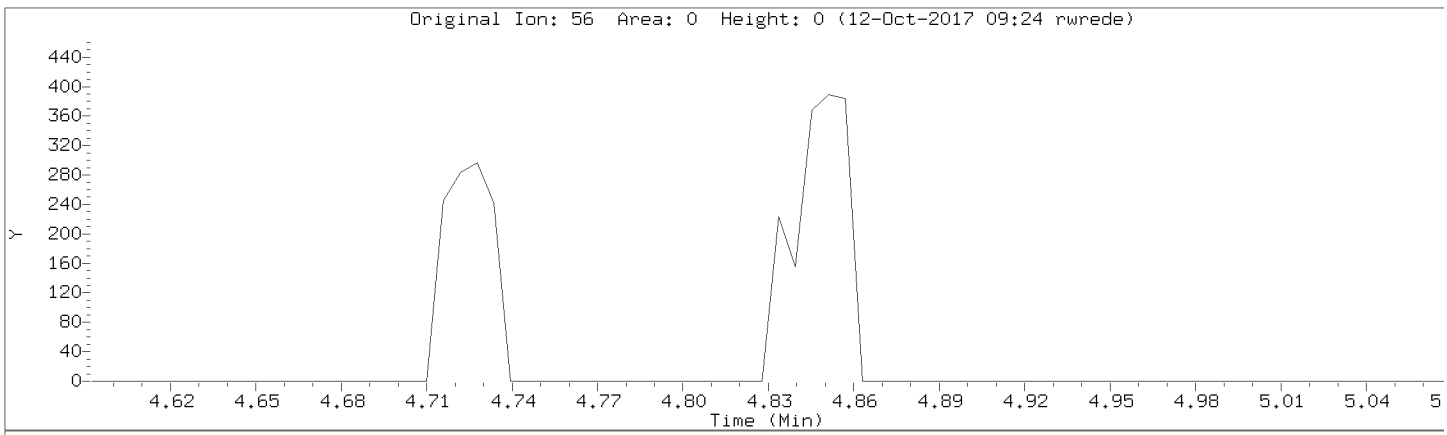
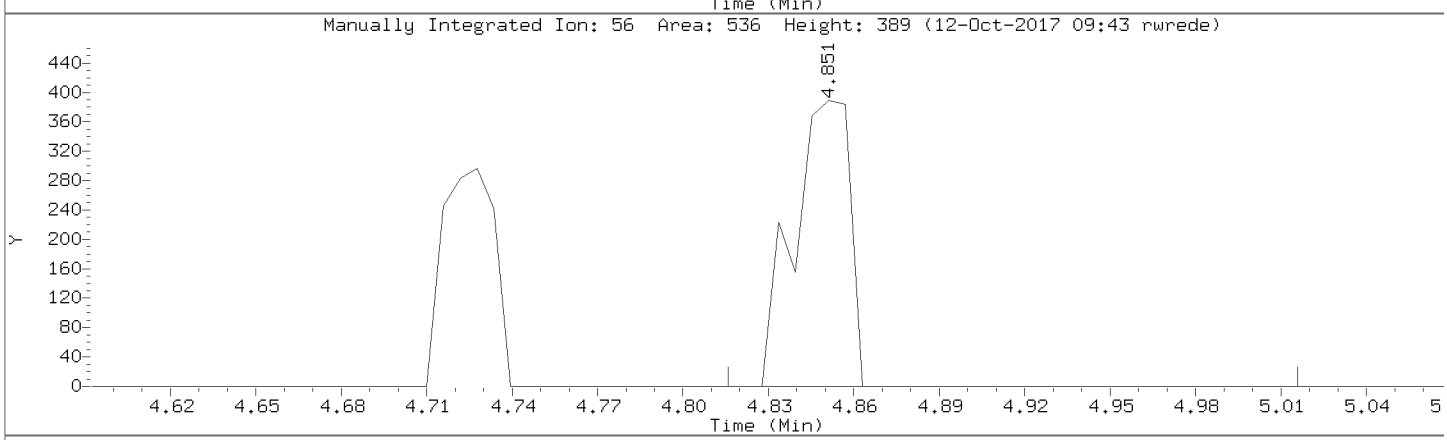
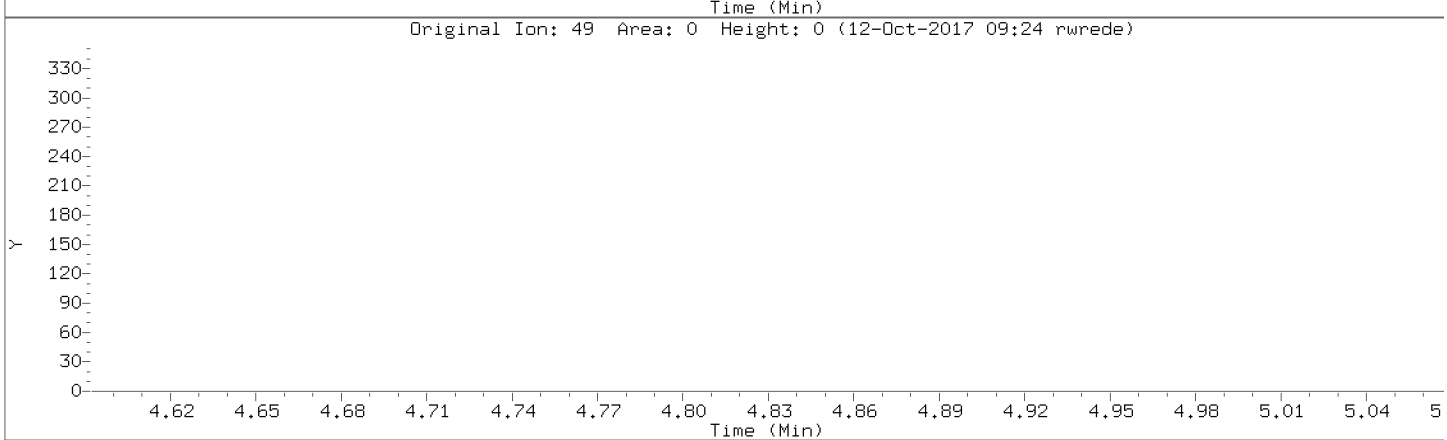
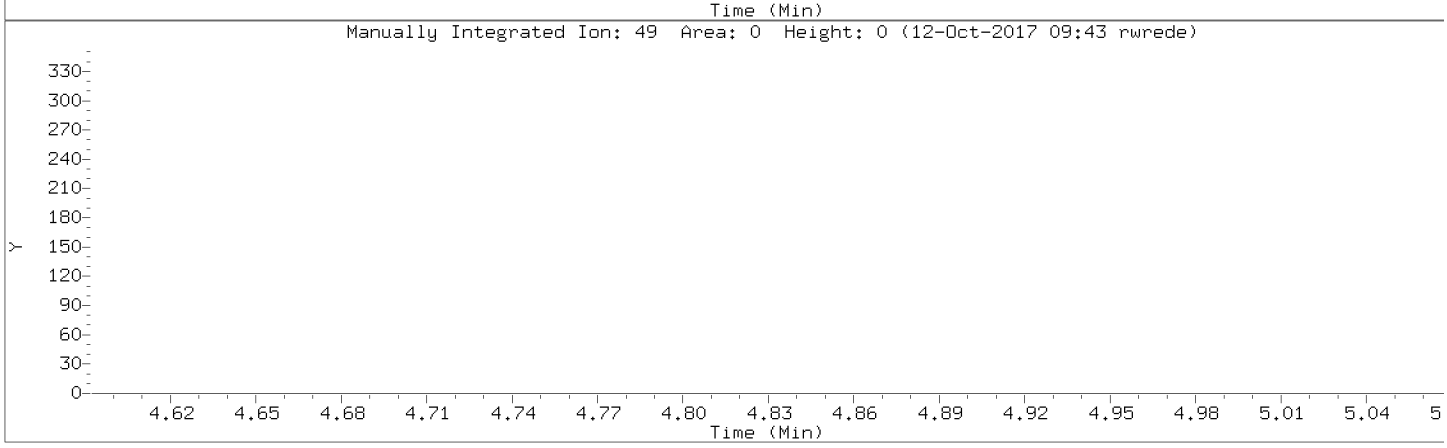
Injection Date: 11-OCT-2017 18:35
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL2

Compound: n-Butyl chloride Review Code: NI
CAS Number: 109-69-3









Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a03.d
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Inj Date : 11-OCT-2017 19:10
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Smp Info : 8260-cal3,160362:0
Misc Info : 107512
Comment :
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Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	772	2.00000	1.51(T)	
3 Chloromethane	50	1.239	1.251	(0.227)	727	2.00000	1.71(M)	NI
4 Vinyl Chloride	62	1.286	1.286	(0.236)	752	2.00000	2.05	
5 Bromomethane	94	1.498	1.498	(0.275)	202	2.00000	(QM)	NI
6 Chloroethane	64	1.569	1.563	(0.288)	314	2.00000	1.19(M)	
8 Trichlorofluoromethane	101	1.745	1.739	(0.320)	1117	2.00000	1.46	
9 Diethyl ether	74	1.963	1.968	(0.360)	334	2.00000	2.86(Q)	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	993	2.00000	3.79(Q)	
11 Acrolein	56	2.080	2.086	(0.382)	2727	40.0000	31.1	
12 1,1,2trichlorotrifluoroethane	101	2.133	2.133	(0.391)	830	2.00000	3.73(Q)	
13 1,1-Dichloroethene	96	2.139	2.133	(0.393)	896	2.00000	4.84(Q)	
14 Acetone	43	2.216	2.221	(0.407)	1501	10.0000	11.5	
15 Iodomethane	142	2.263	2.263	(0.415)	721	4.00000	12.1(Q)	
16 Carbon Disulfide	76	2.310	2.310	(0.424)	2282	2.00000	3.24	
17 Acetonitrile	39	2.451	2.457	(0.450)	1483	2.00000	3.92	
18 allyl chloride	41	2.457	2.457	(0.451)	2020	4.00000	6.98	
19 Methyl Acetate	43	2.498	2.498	(0.458)	494	2.00000	1.48(M)	NI
20 Methylene Chloride	84	2.580	2.580	(0.473)	1084	2.00000	2.42(M)	NI
151 Ethyl acetate	88	4.268	4.280	(0.783)	88	16.0000	(M)	NI
23 1,2-Dichloroethene (trans)	96	2.833	2.833	(0.520)	704	2.00000	13.2(Q)	
24 Methyl-tert-butyl ether	73	2.845	2.845	(0.522)	1551	2.00000	3.48	
22 Acrylonitrile	53	2.863	2.868	(0.525)	1468	8.00000	18.5	
25 n-Hexane	57	3.110	3.115	(0.571)	1257	2.00000	2.64(M)	NI

			QUANT SIG					AMOUNTS		
								CAL-AMT	ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	26	1,1-Dichloroethane	63	3.321	3.321	(0.609)	1635	2.00000	3.47(M)	NI
	28	chloroprene	53	3.421	3.421	(0.628)	1326	2.00000	2.96(QM)	NI
	27	Vinyl Acetate	43	3.427	3.427	(0.629)	5365	8.00000	6.78	
	7	isopropyl acetate	61	5.310	5.309	(0.974)	1361	8.00000	14.3(Q)	
	29	2,2-Dichloropropane	77	4.080	4.080	(0.749)	912	2.00000	5.14(M)	NI
	30	1,2-Dichloroethene (cis)	96	4.110	4.109	(0.754)	962	2.00000	4.36(Q)	
	31	2-Butanone	43	4.198	4.192	(0.770)	2049	10.0000	15.1(M)	NI
	33	Bromochloromethane	49	4.421	4.415	(0.811)	672	2.00000	4.98(QM)	LT
	34	Methacrylonitrile	41	4.457	4.457	(0.818)	744	2.00000	(Q)	
	35	Tetrahydrofuran	42	4.474	4.480	(0.821)	128	2.00000	(M)	NI
	36	Chloroform	83	4.539	4.539	(0.833)	1932	2.00000	3.36	
	37	1,1,1-Trichloroethane	97	4.698	4.698	(0.862)	1459	2.00000	2.98(Q)	
$	38	Dibromofluoromethane (S)	113	4.733	4.733	(0.868)	26232	50.0000	51.9	
	39	Cyclohexane	56	4.733	4.727	(0.868)	1319	2.00000	3.47(QM)	LT
	40	n-Butyl chloride	56	4.851	4.845	(0.890)	1696	2.00000	3.14(M)	NI
	41	Carbon Tetrachloride	117	4.880	4.874	(0.895)	1233	2.00000	4.64	
	42	1,1-Dichloropropene	75	4.898	4.892	(0.899)	1262	2.00000	3.14(Q)	
	43	Benzene	78	5.127	5.127	(0.941)	3601	2.00000	2.49	
	44	1,2-Dichloroethane	62	5.186	5.192	(0.951)	1693	2.00000	3.34(M)	NI
	45	2,2,4-Trimethylpentane	57	5.210	5.215	(0.956)	2709	2.00000	2.85	
*	47	Fluorobenzene	96	5.451	5.451	(1.000)	84731	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.068)	1003	2.00000	2.66	
	49	Methylcyclohexane	55	5.980	5.980	(1.097)	1208	2.00000	5.32(QM)	NI
	50	1,2-Dichloropropane	63	6.068	6.062	(1.113)	900	2.00000	2.59(QM)	NI
	51	Dibromomethane	93	6.180	6.180	(1.134)	510	2.00000	4.33(Q)	
	52	1,4-Dioxane	88	6.227	6.233	(1.142)	177	40.0000	(M)	NI
	53	Methyl methacrylate	69	6.227	6.227	(1.142)	583	2.00000	(QM)	NI
	54	Bromodichloromethane	83	6.357	6.351	(1.166)	1166	2.00000	2.96(M)	NI
	55	2-Chloroethyl vinyl ether	63	6.662	6.668	(0.829)	479	4.00000	(M)	NI
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	1281	2.00000	3.55	
	57	4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	4228	10.0000	12.7	
$	58	Toluene-d8	98	6.998	6.998	(0.870)	91386	50.0000	50.4	
	59	Toluene	91	7.051	7.050	(0.877)	4374	2.00000	2.60	
	60	trans-1,3-Dichloropropene	75	7.268	7.262	(0.904)	1128	2.00000	2.84(Q)	
	61	Ethyl Methacrylate	69	7.345	7.345	(0.914)	1088	2.00000	2.08(M)	NI
	62	1,1,2-Trichloroethane	83	7.404	7.397	(0.921)	740	2.00000	3.61(Q)	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	1293	2.00000	2.90	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	1412	2.00000	4.02	
	65	2-Hexanone	43	7.598	7.592	(0.945)	2740	10.0000	13.2	
	66	Dibromochloromethane	129	7.668	7.668	(0.954)	1096	2.00000	2.39(Q)	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	820	2.00000	2.94	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	71441	50.0000		
	69	Chlorobenzene	112	8.062	8.056	(1.003)	3282	2.00000	2.68(M)	NI
	2	n-amyl acetate	70	8.580	8.580	(1.574)	2195	8.00000	11.5(QM)	WP
	70	1,1,1,2-Tetrachloroethane	131	8.121	8.121	(1.010)	1077	2.00000	3.64(M)	WP
	71	Ethylbenzene	106	8.133	8.127	(1.012)	1337	2.00000	3.88(Q)	
	72	m&p-Xylene	106	8.204	8.203	(1.020)	3617	4.00000	4.90	
	73	o-Xylene	106	8.451	8.450	(1.051)	1748	2.00000	2.93(Q)	
	74	Styrene	104	8.462	8.462	(1.053)	2989	2.00000	3.21	
	75	Bromoform	173	8.580	8.580	(0.909)	652	2.00000	2.59(M)	NI
	76	Isopropylbenzene	105	8.674	8.668	(1.079)	4723	2.00000	2.46	
$	77	4-Bromofluorobenzene	95	8.768	8.762	(1.091)	35354	50.0000	50.7	
	78	Bromobenzene	77	8.856	8.850	(1.102)	1660	2.00000	2.45	
	79	1,1,2,2-Tetrachloroethane	83	8.868	8.862	(0.940)	1257	2.00000	2.59(M)	NI

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
80 1,2,3-Trichloropropane	110	8.892	8.886	(0.942)	318	2.00000	1.91(QM)	NI
81 trans-1,4-Dichloro-2-butene	53	8.898	8.897	(1.107)	267	2.00000	(QM)	NI
82 n-Propylbenzene	91	8.915	8.909	(0.945)	5434	2.00000	2.40	
83 2-Chlorotoluene	91	8.968	8.962	(0.950)	3160	2.00000	2.32	
84 1,3,5-Trimethylbenzene	105	9.015	9.009	(0.955)	3751	2.00000	2.56	
85 4-Chlorotoluene	126	9.033	9.027	(0.957)	1412	2.00000	4.04(Q)	
86 tert-Butylbenzene	119	9.203	9.203	(0.975)	4337	2.00000	2.38(M)	NI
87 1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	3893	2.00000	2.71	
88 sec-Butylbenzene	105	9.333	9.327	(0.989)	4117	2.00000	2.39(M)	NI
89 1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	2175	2.00000	2.26(M)	WP
90 p-Isopropyltoluene	119	9.415	9.409	(0.998)	3813	2.00000	2.46(M)	NI
* 91 1,4-Dichlorobenzene-d4	152	9.439	9.433	(1.000)	38052	50.0000		
92 1,4-Dichlorobenzene	146	9.451	9.450	(1.001)	2635	2.00000	2.83	
93 n-Butylbenzene	91	9.650	9.644	(1.022)	2607	2.00000	2.74(M)	
94 1,2-Dichlorobenzene	146	9.674	9.668	(1.025)	2205	2.00000	2.00(M)	NI
95 1,2-Dibromo-3-chloropropane	155	10.139	10.133	(1.074)	179	2.00000	(QM)	NI
96 1,2,4-Trichlorobenzene	180	10.621	10.609	(1.125)	702	2.00000	2.13(Q)	
97 Hexachlorobutadiene	225	10.709	10.703	(1.135)	427	2.00000	6.10(Q)	
98 Naphthalene	128	10.780	10.768	(1.142)	2003	2.00000	2.90	
99 1,2,3-Trichlorobenzene	180	10.921	10.915	(1.157)	818	2.00000	3.80(Q)	
100 2,methyl-naphthalene	142	11.486	11.474	(1.217)	193	2.00000	(QM)	NI
101 1-Methylnaphthalene	142	11.603	11.597	(2.129)	290	2.00000	4.72(QM)	NI

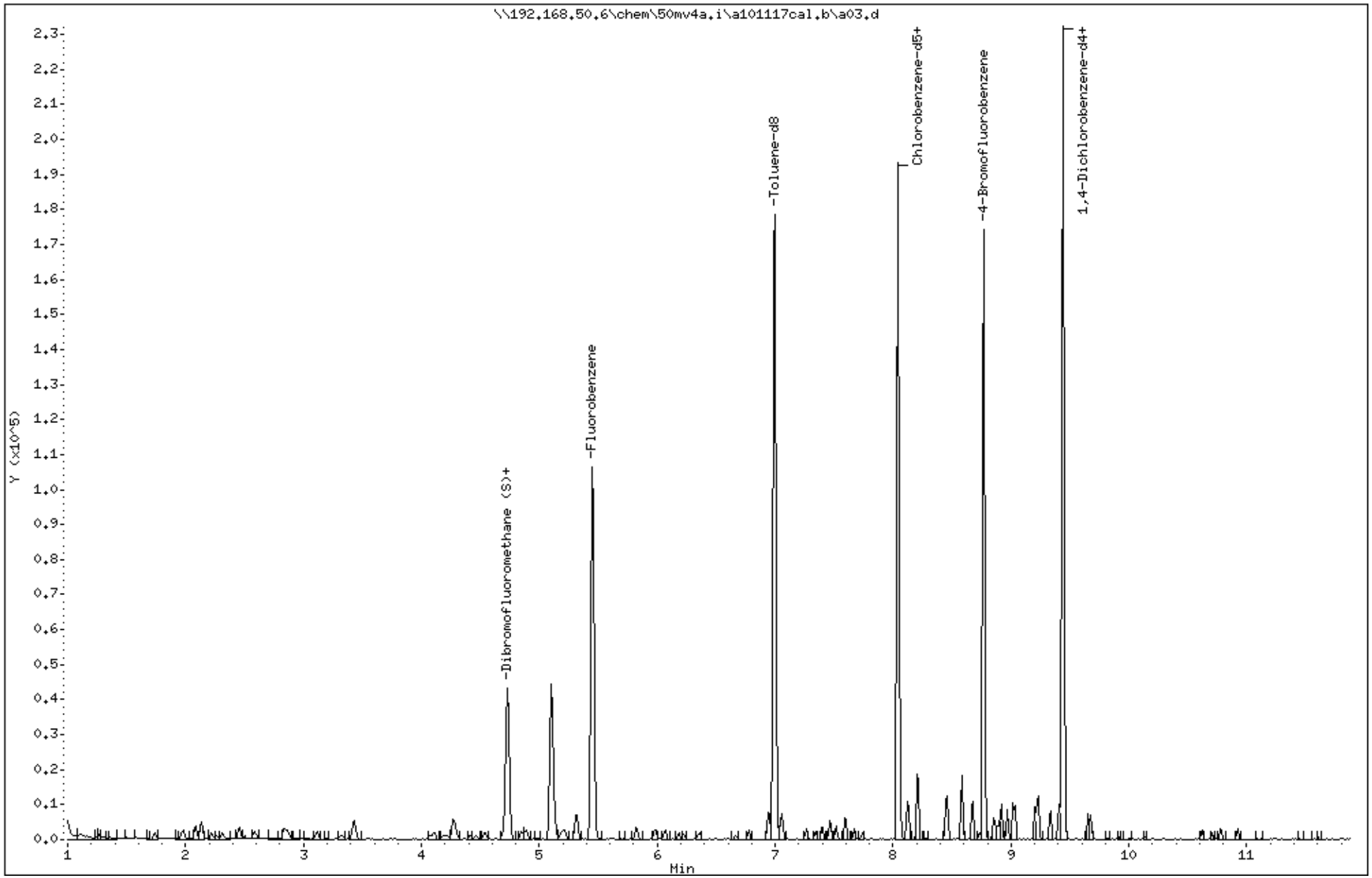
QC Flag Legend

T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

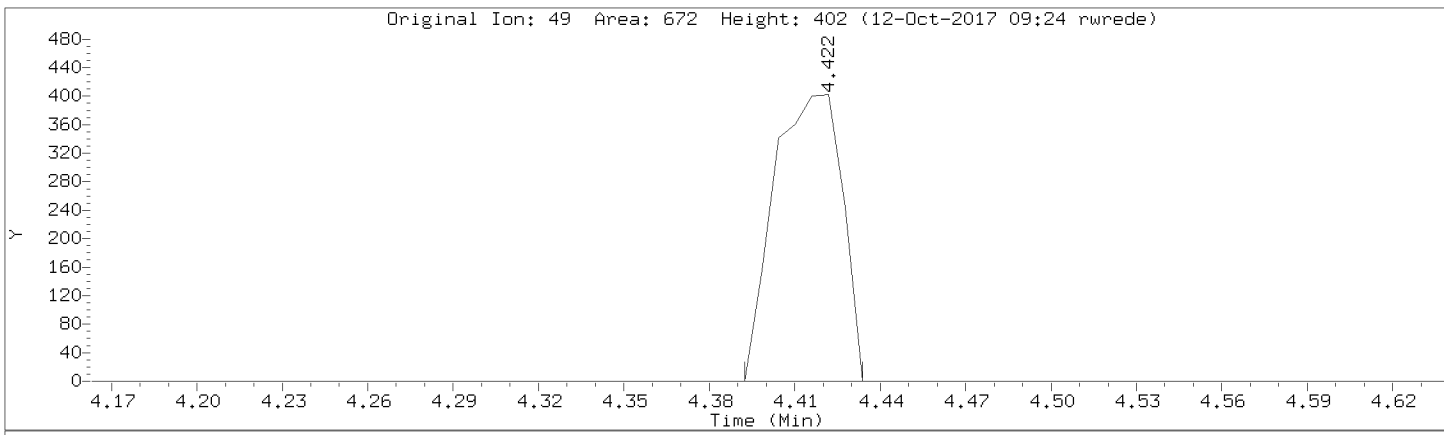
:
NI: Indicates that the peak was not integrated at all by the computer software.
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).
WP: Indicates that the wrong peak was chosen by the data system.

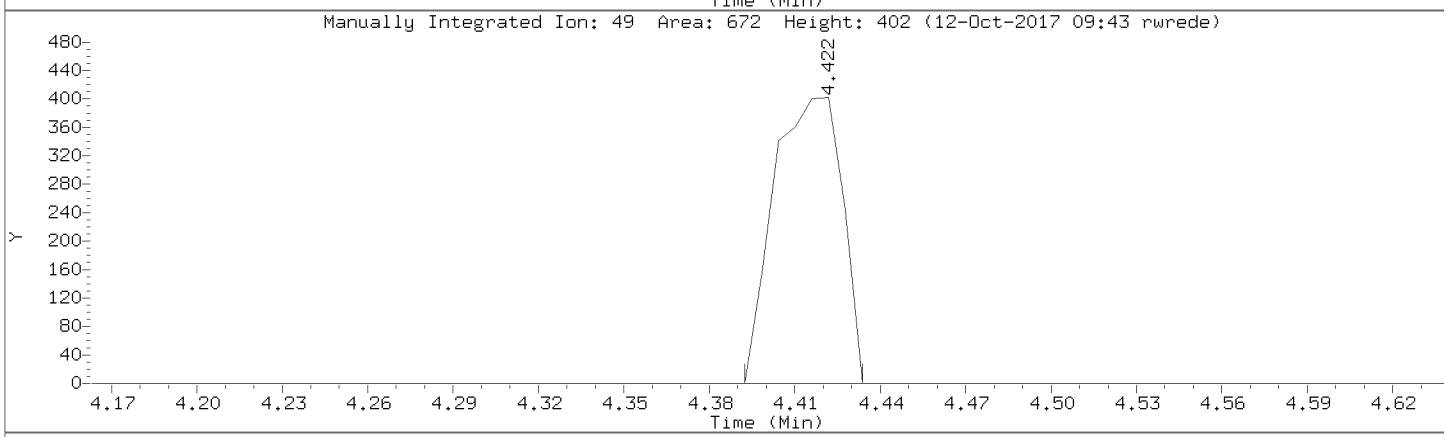
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a03.d
Date : 11-OCT-2017 19:10
Client ID: 8260-CAL3
Instrument: 50mv4a.i
Sample Info: 8260-CAL3,160362:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18

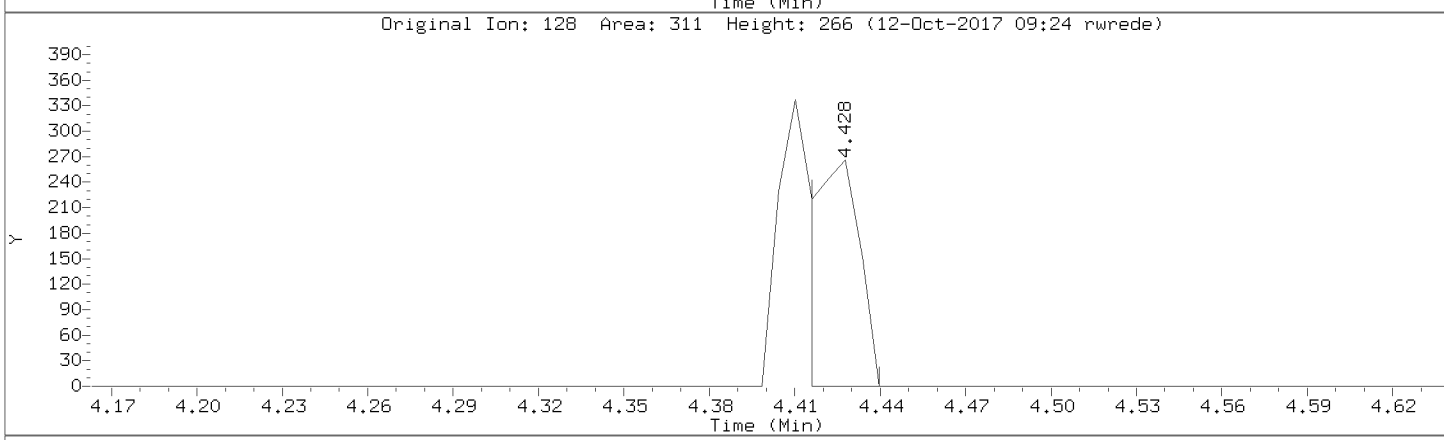


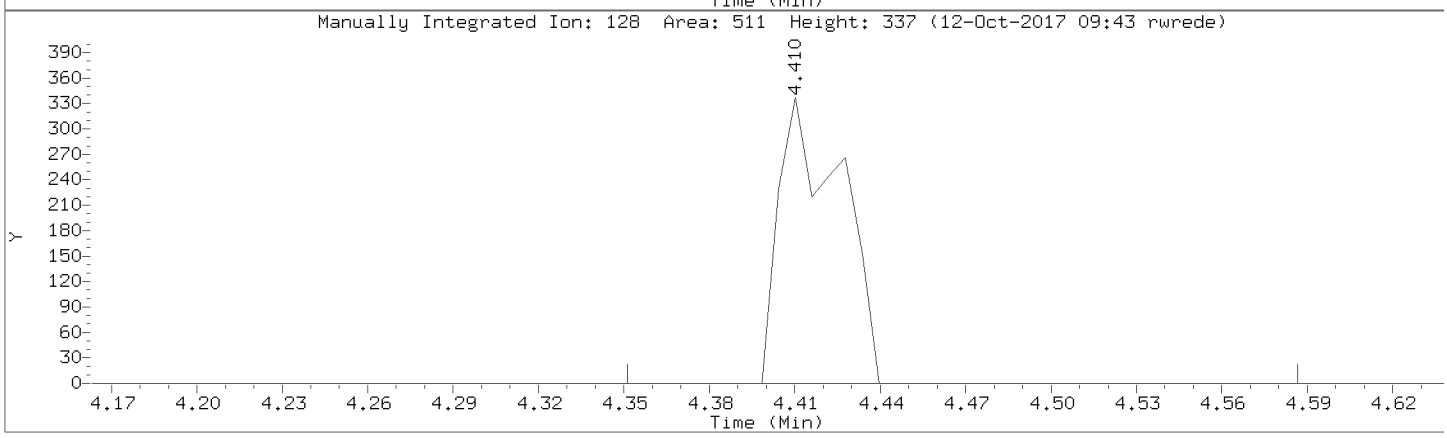
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Bromochloromethane Review Code: LT
CAS Number: 74-97-5

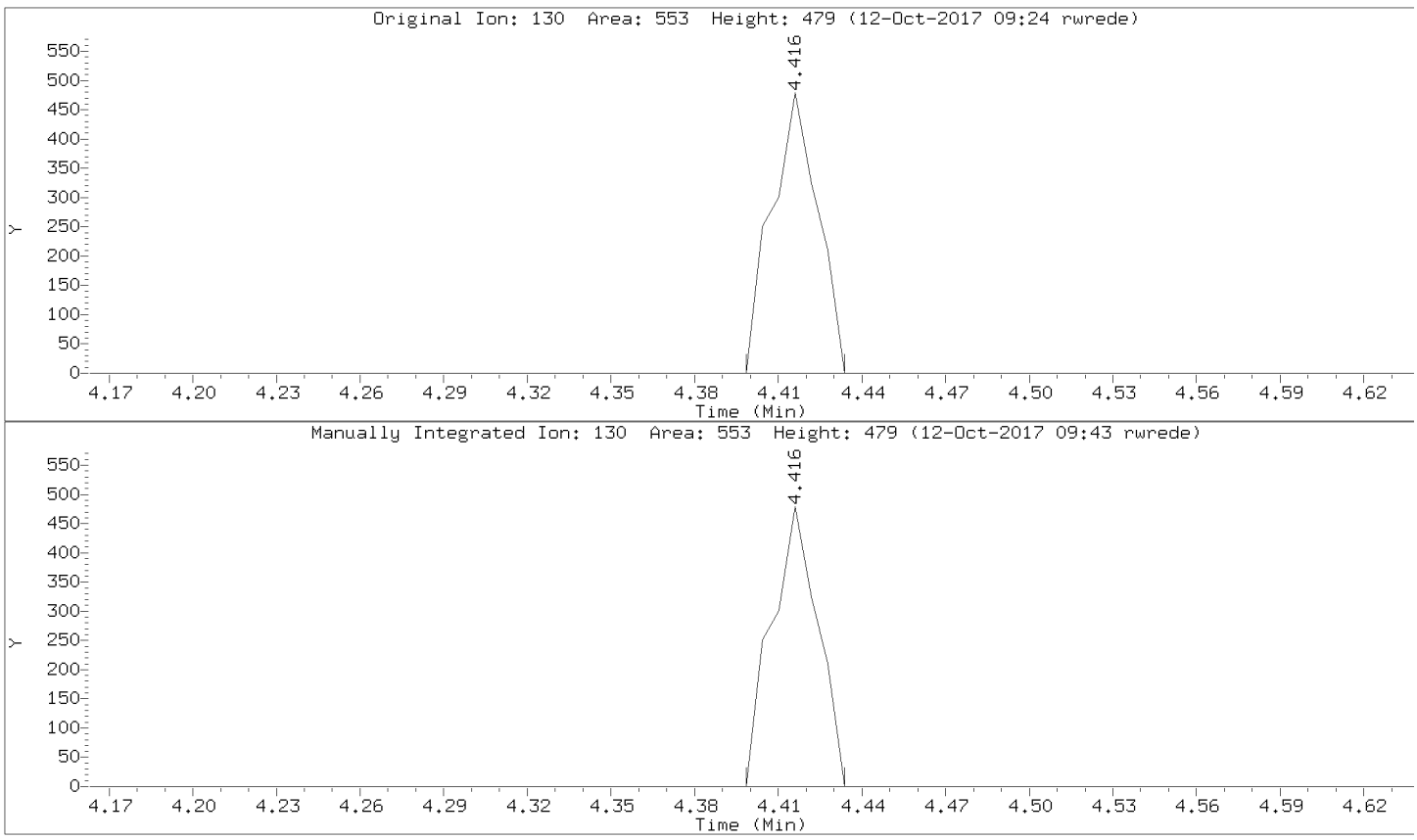






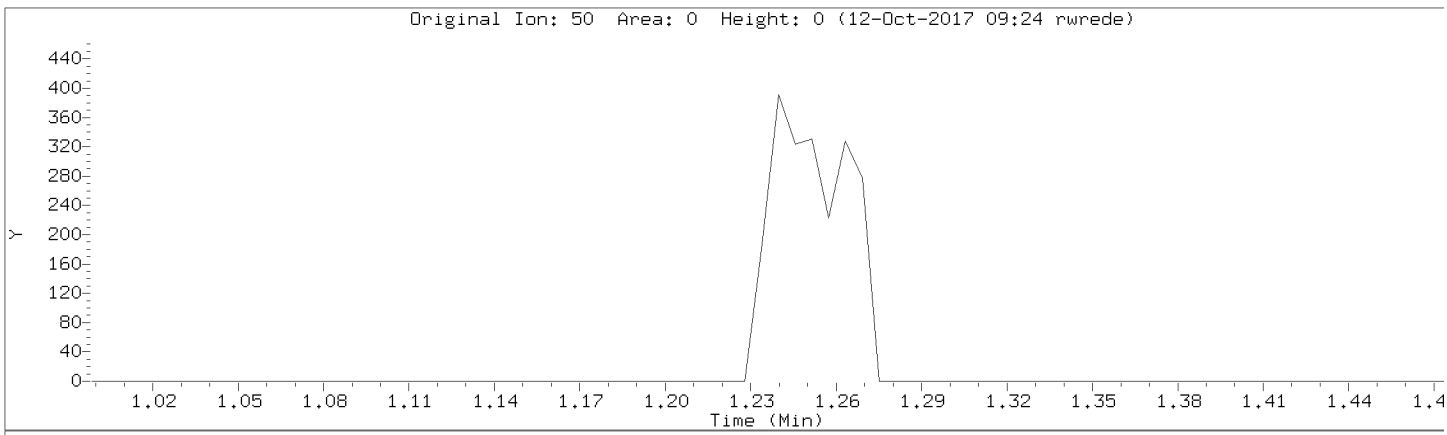


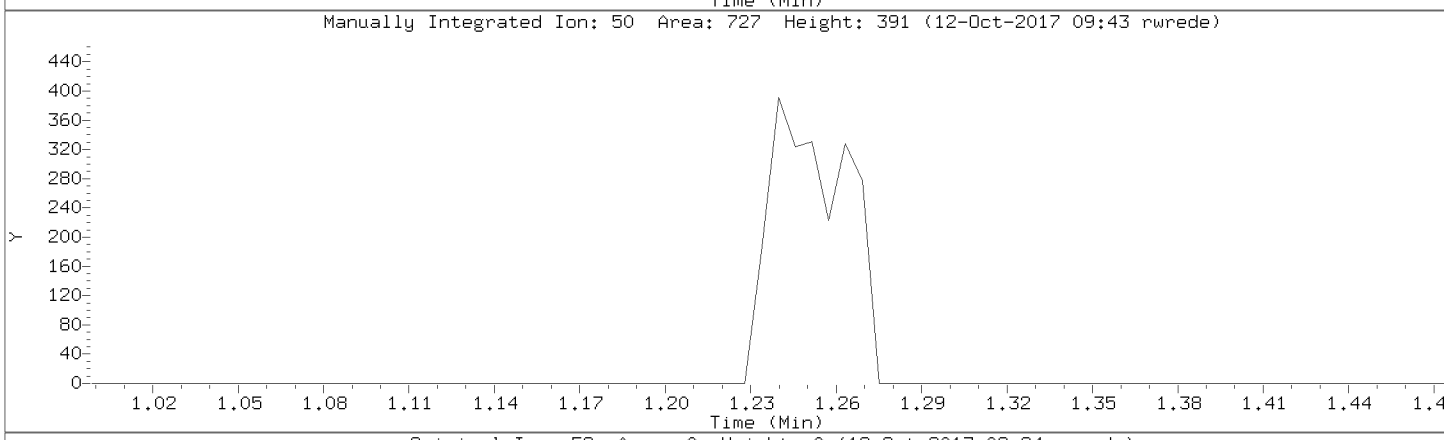
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

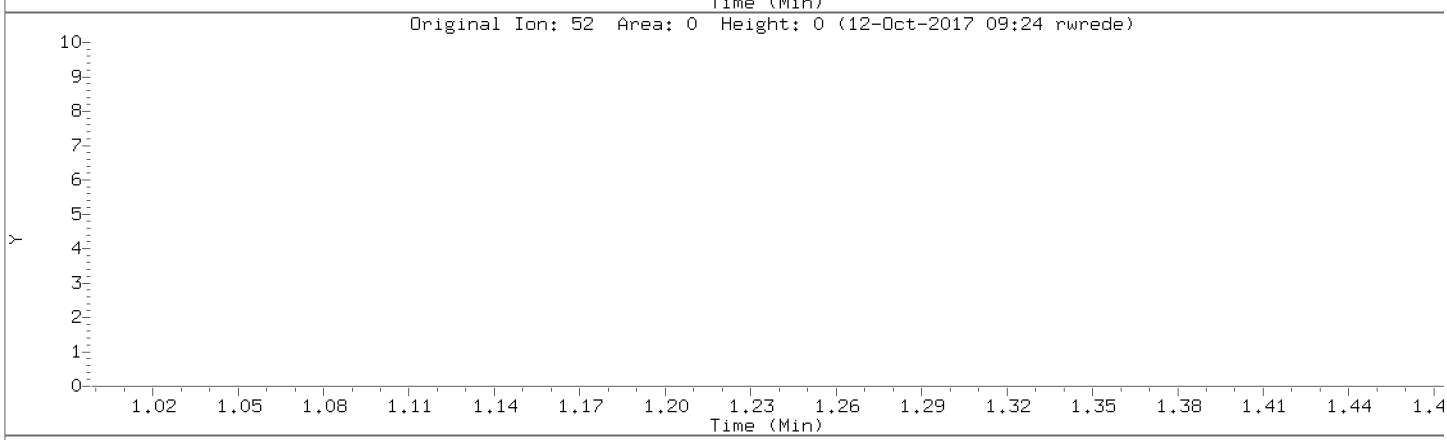


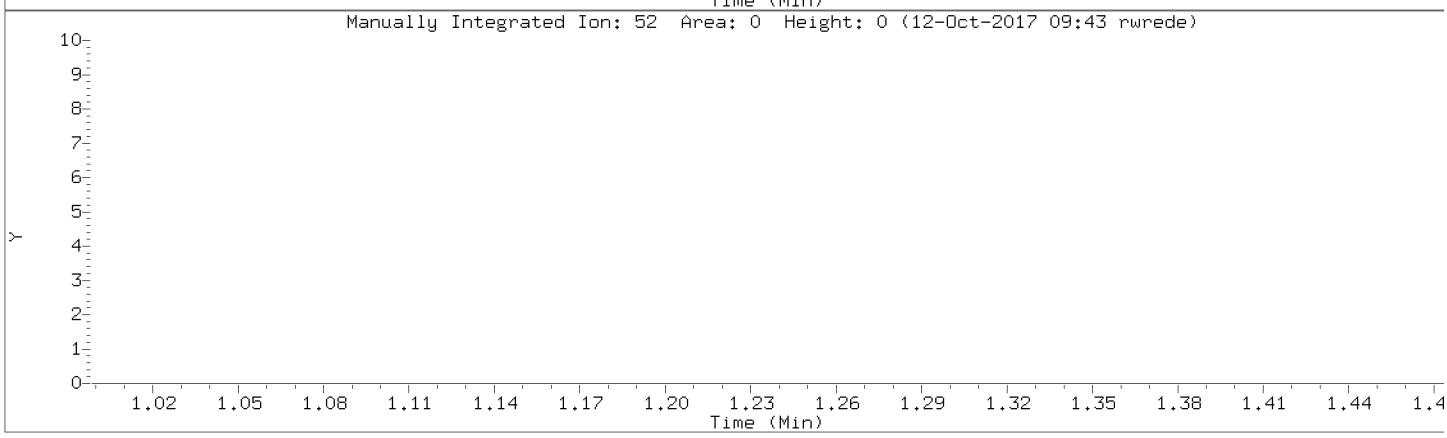
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Chloromethane Review Code: NI
CAS Number: 74-87-3



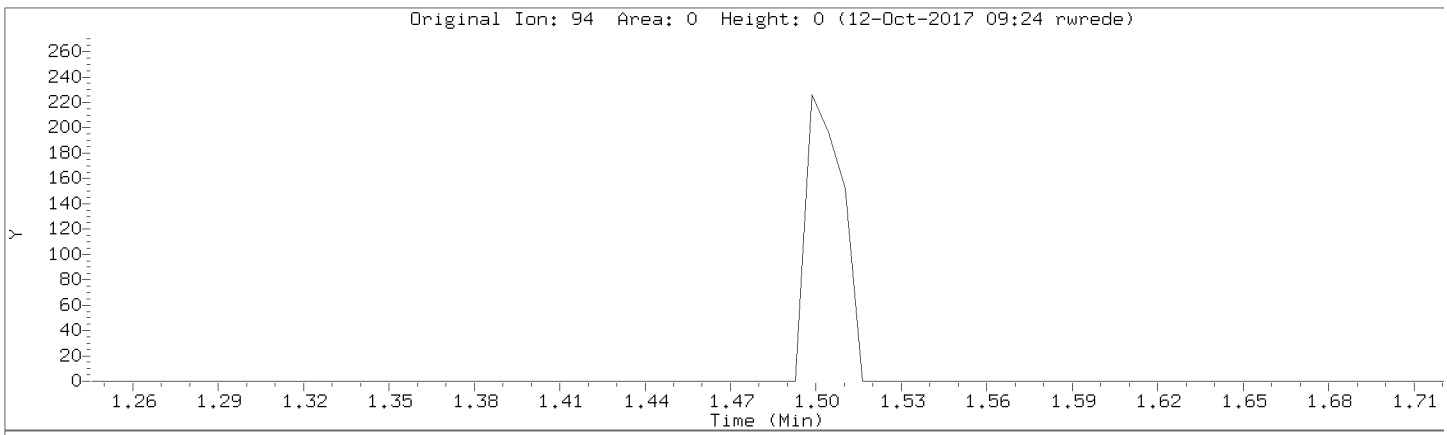


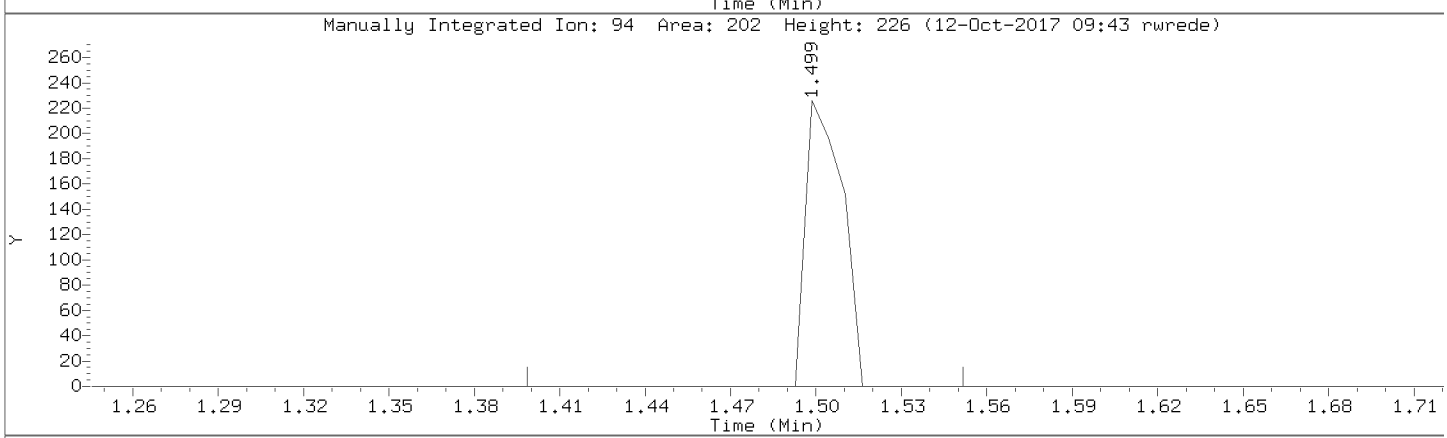


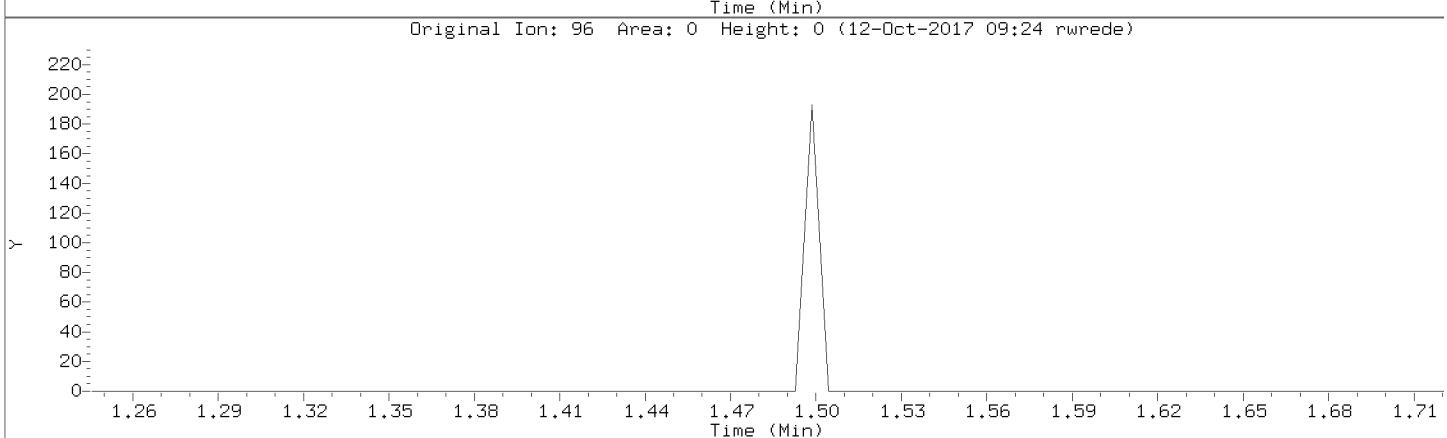


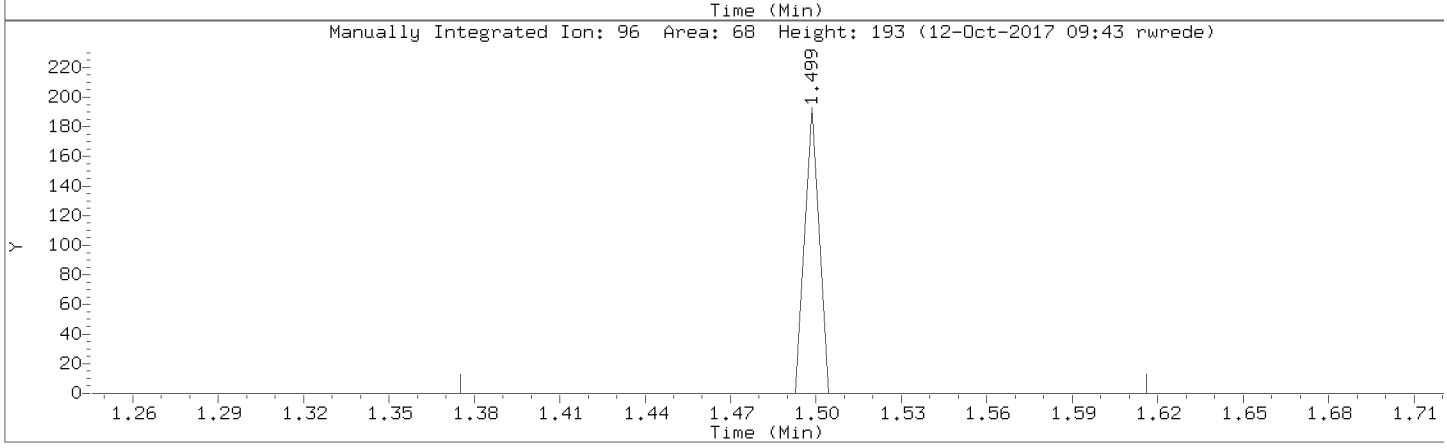
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Bromomethane Review Code: NI
CAS Number: 74-83-9



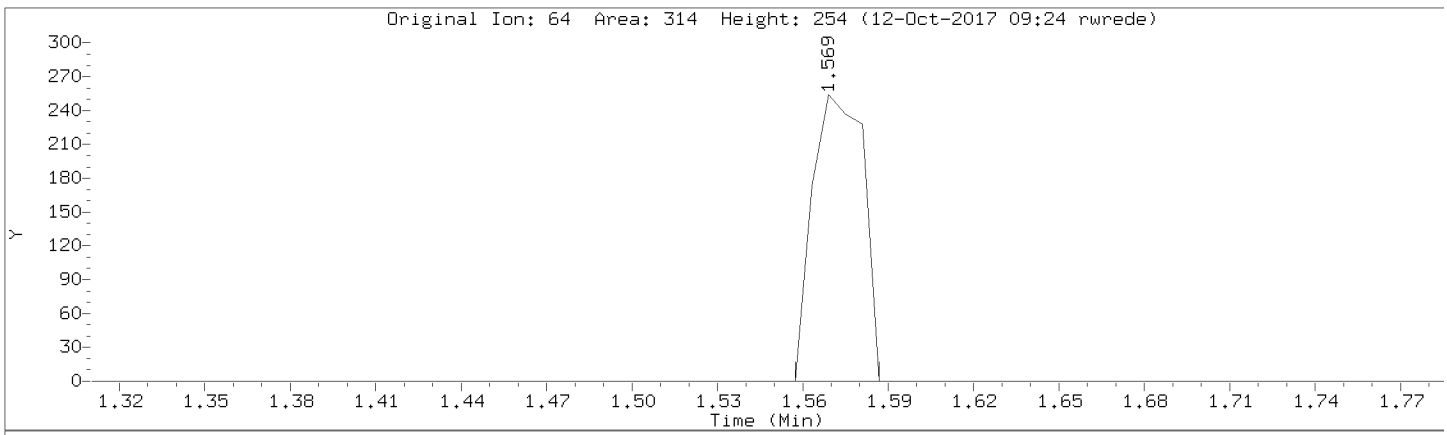


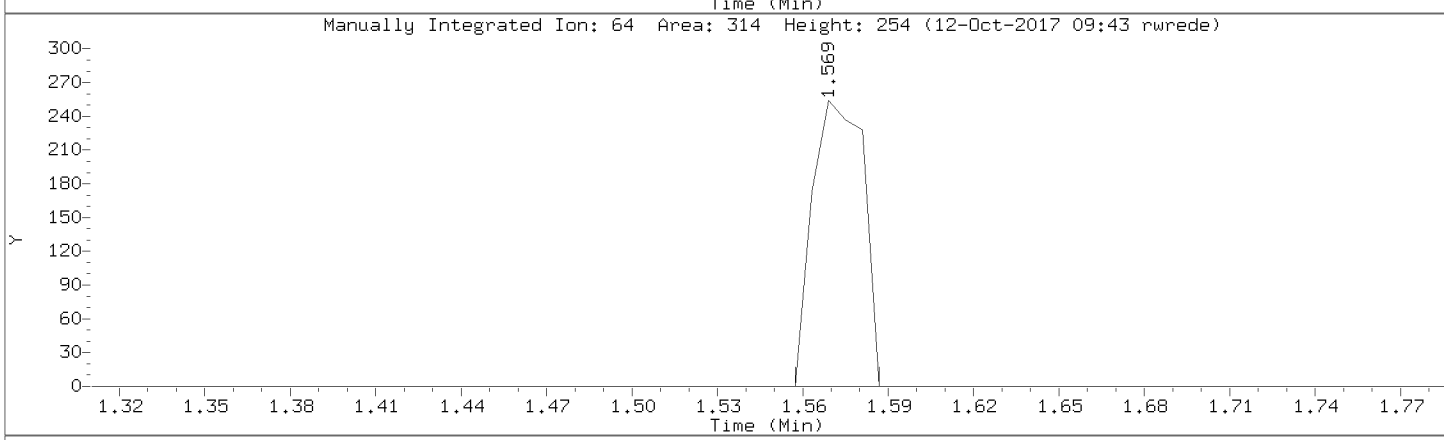


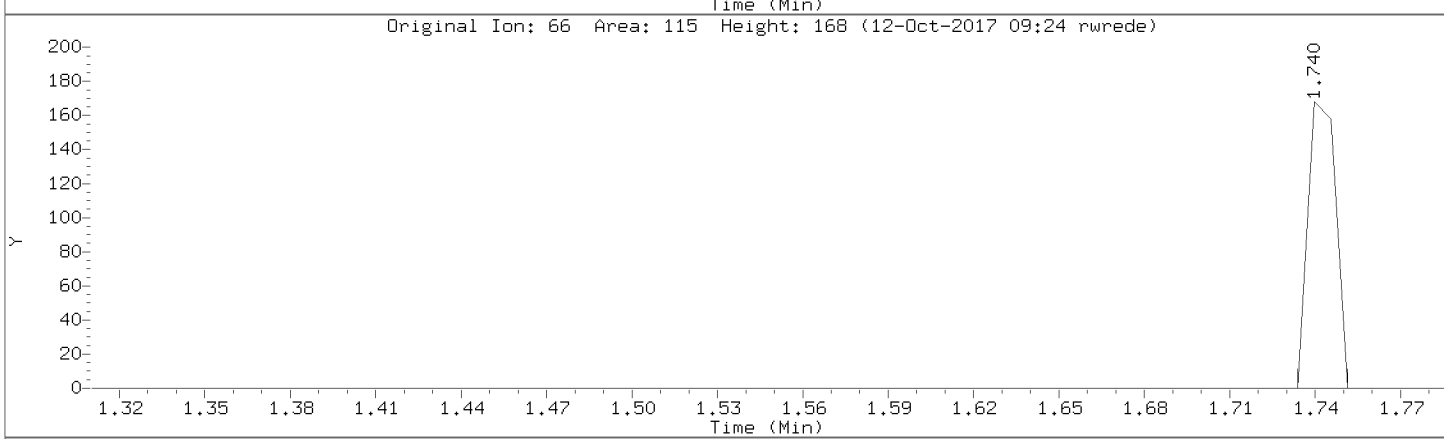


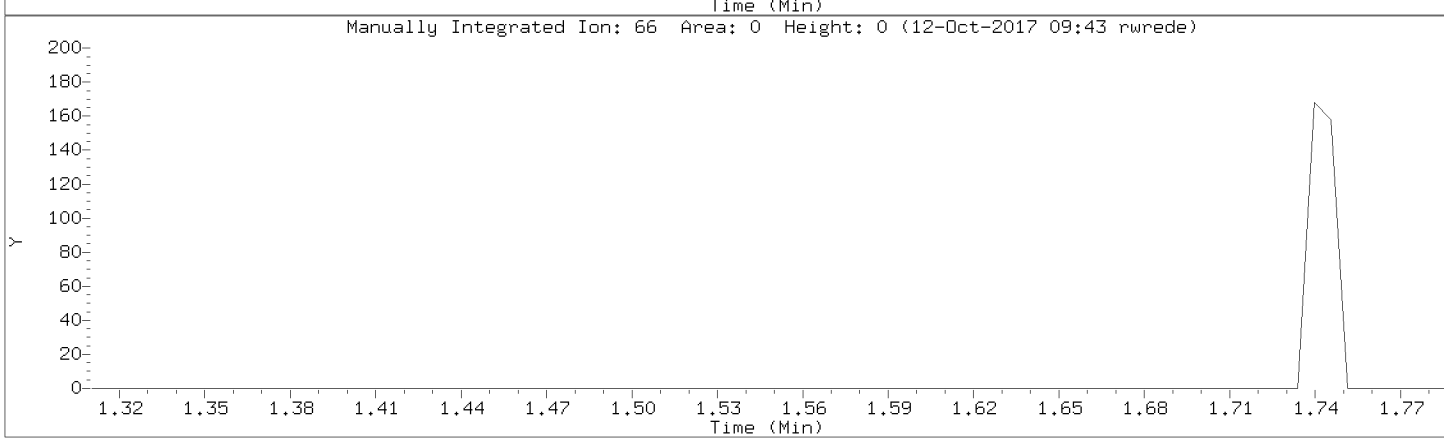
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Chloroethane Review Code:
CAS Number: 75-00-3



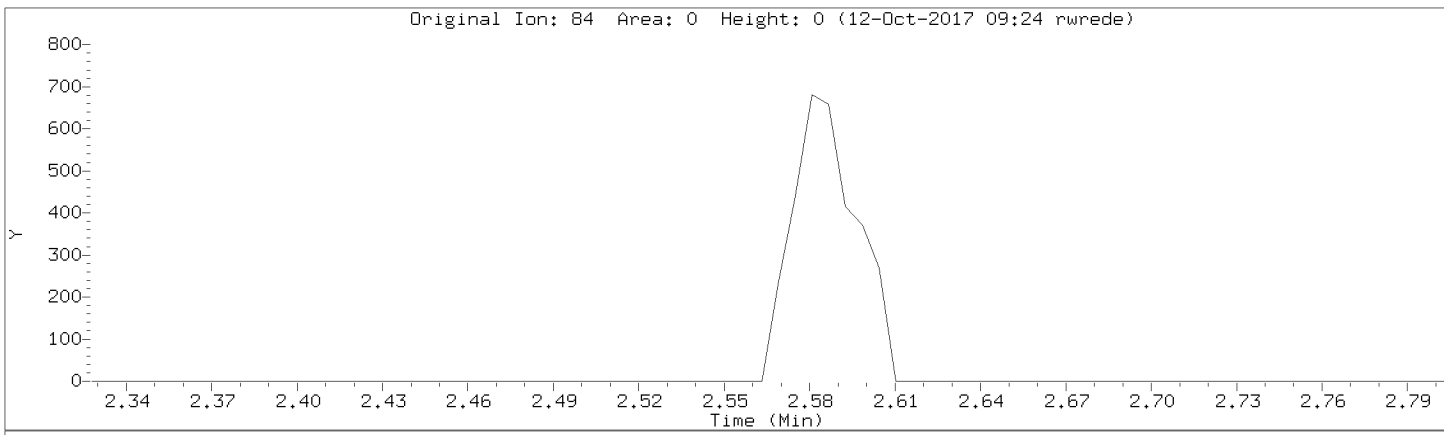


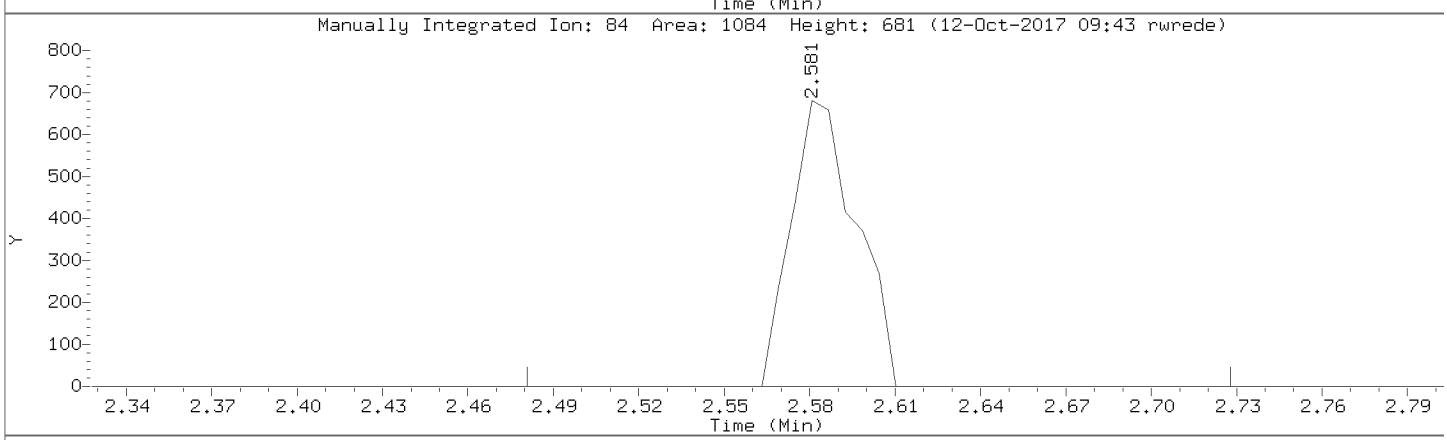


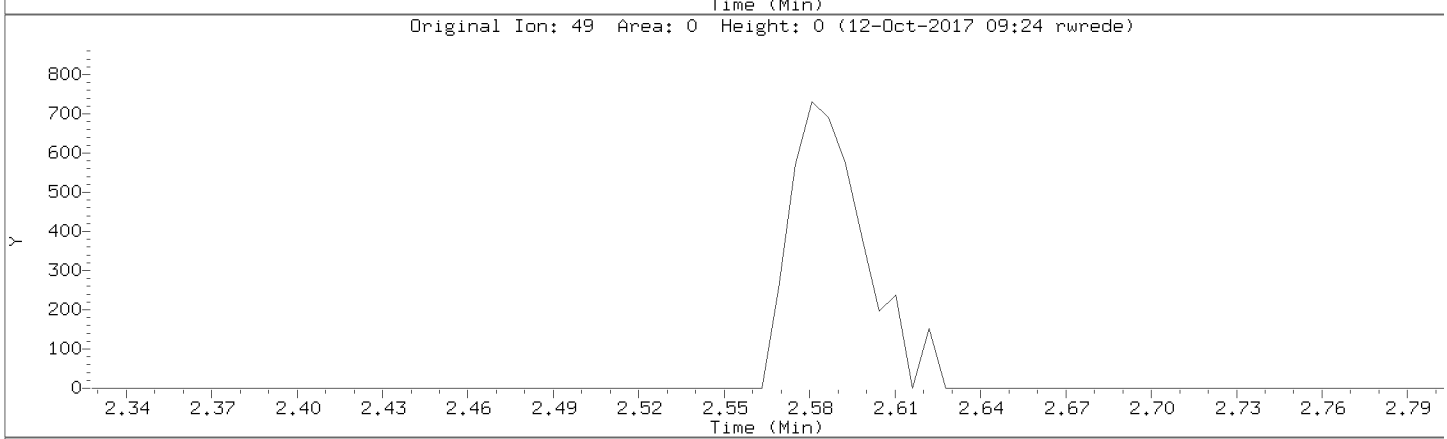


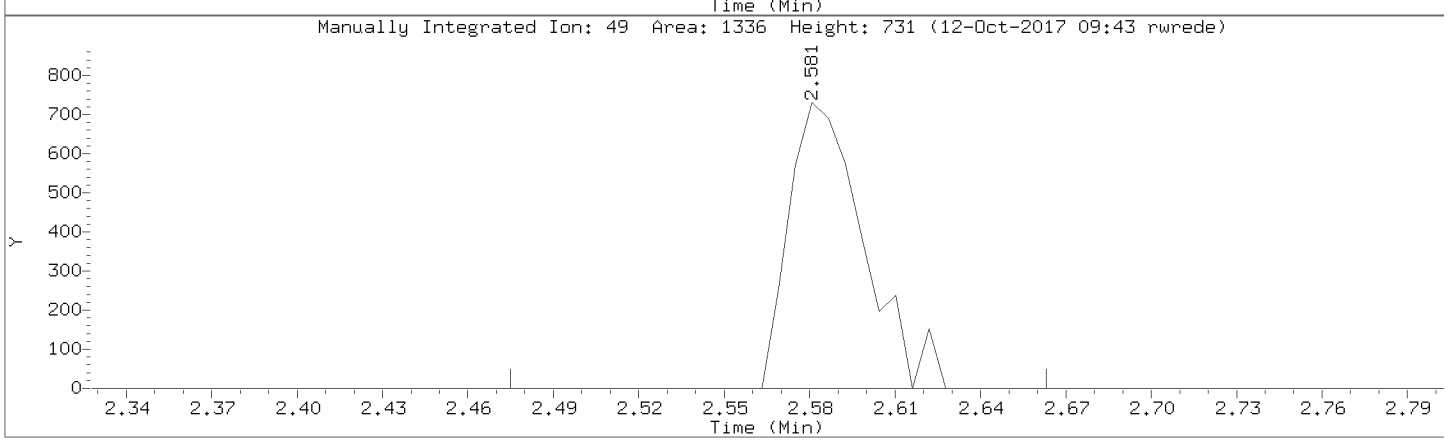
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Methylene Chloride Review Code: NI
CAS Number: 75-09-2

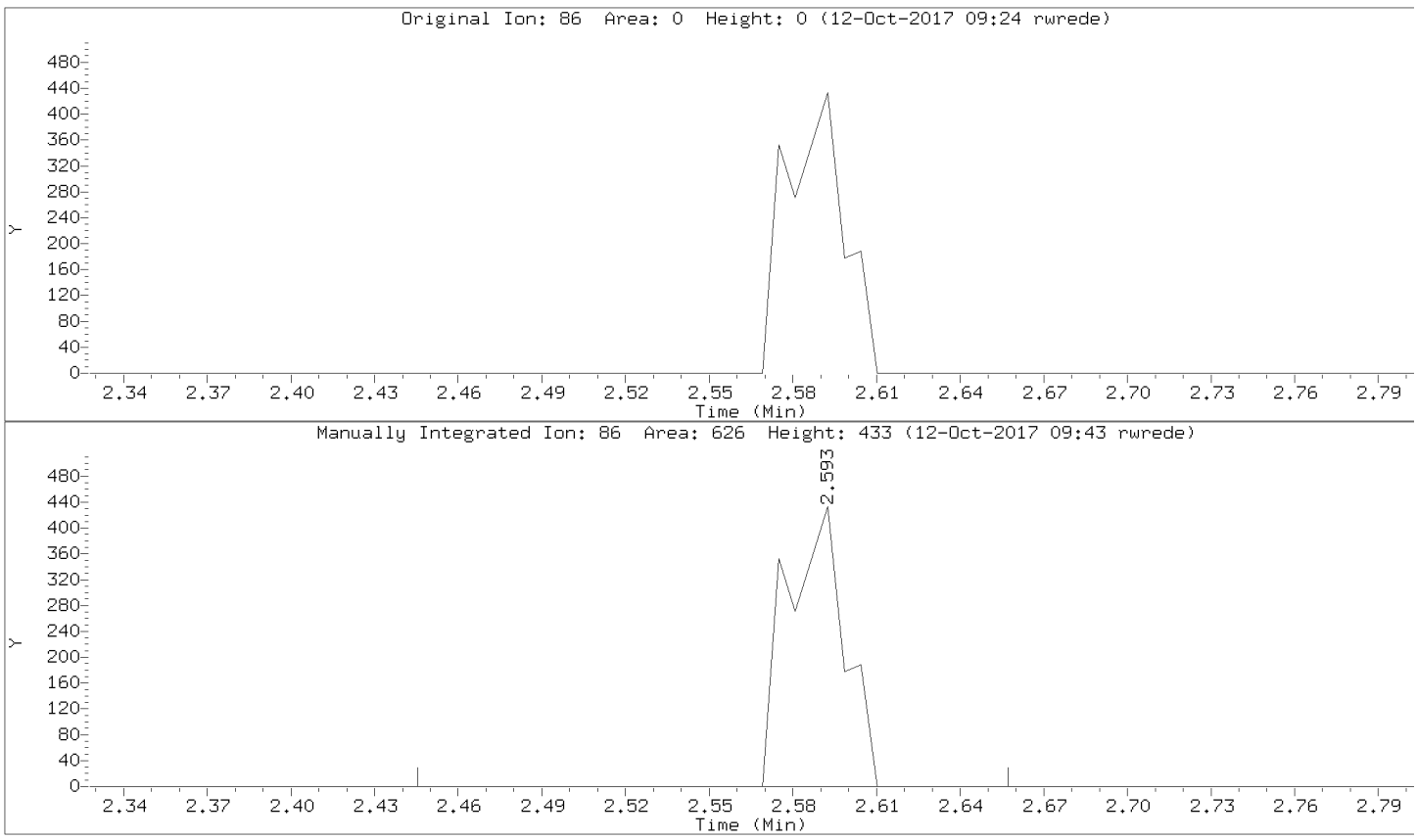






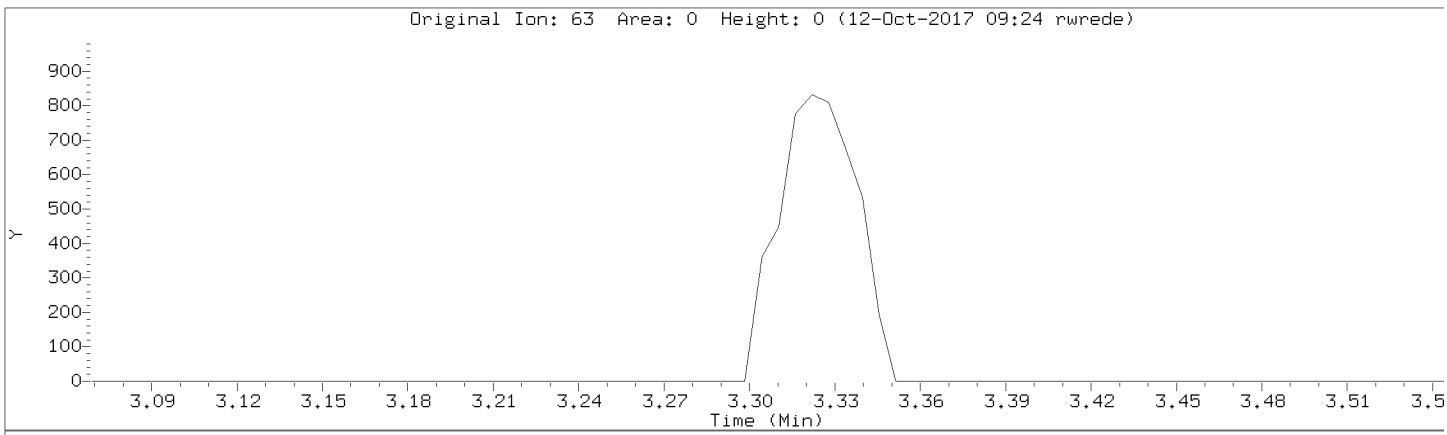


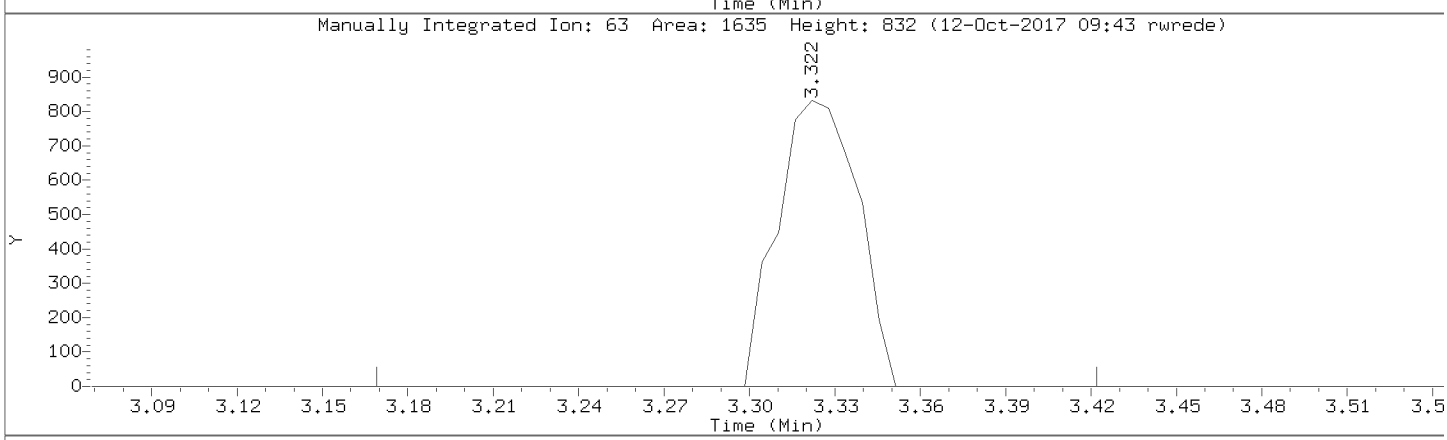
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

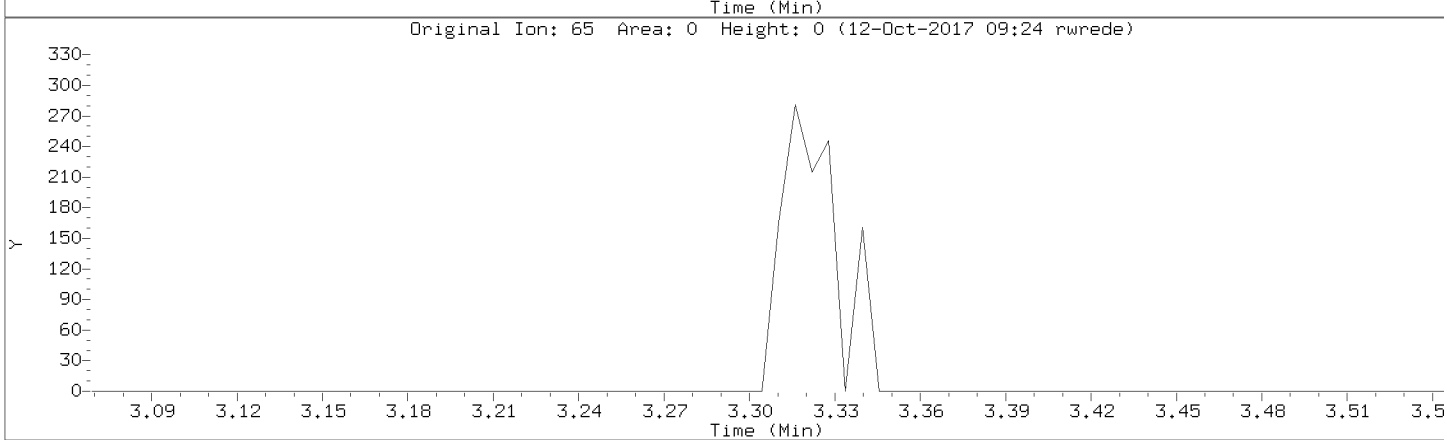


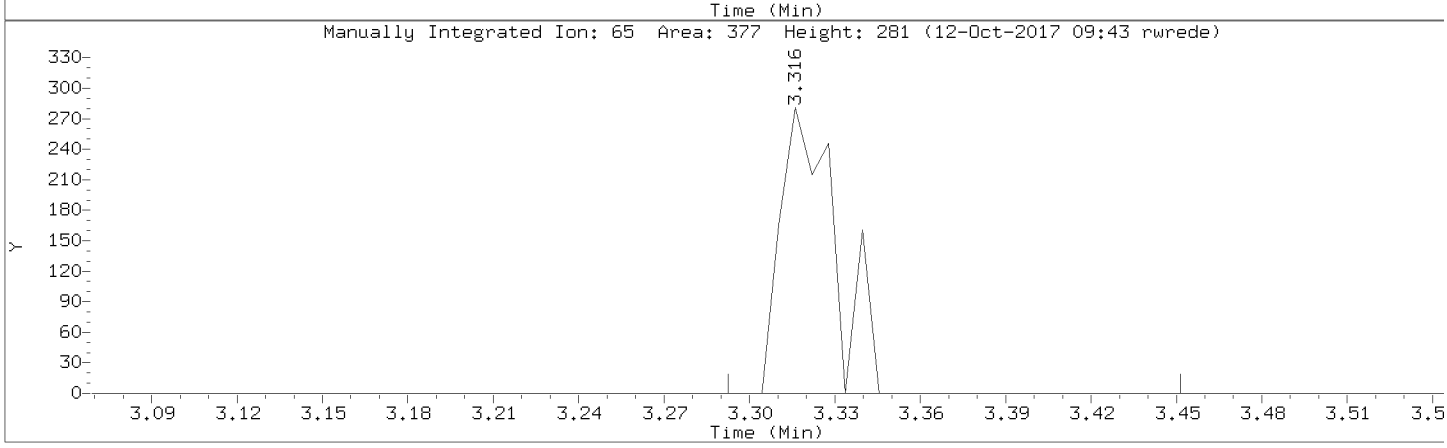
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,1-Dichloroethane Review Code: NI
CAS Number: 75-34-3

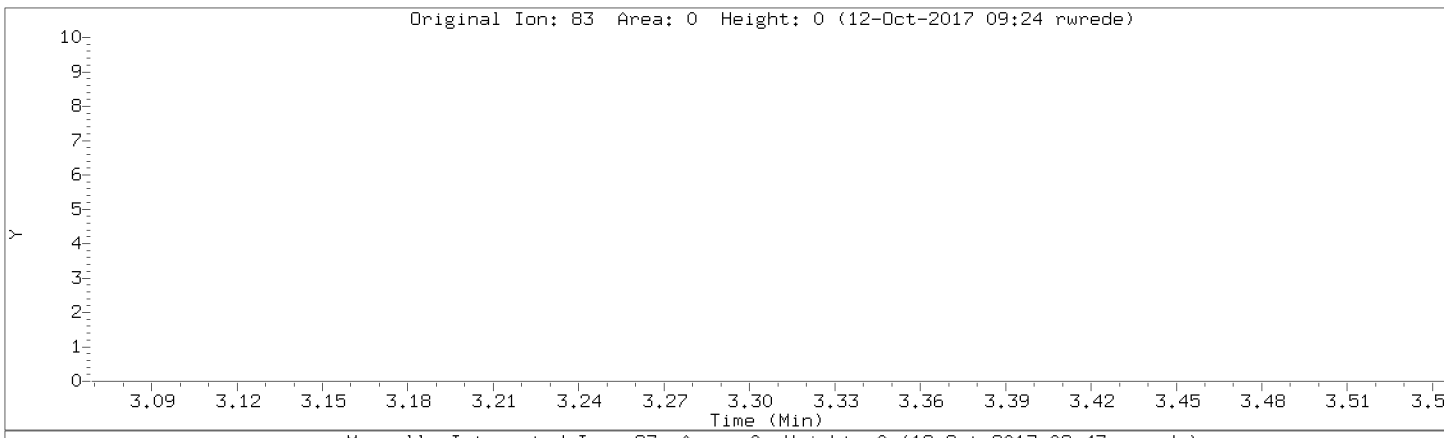


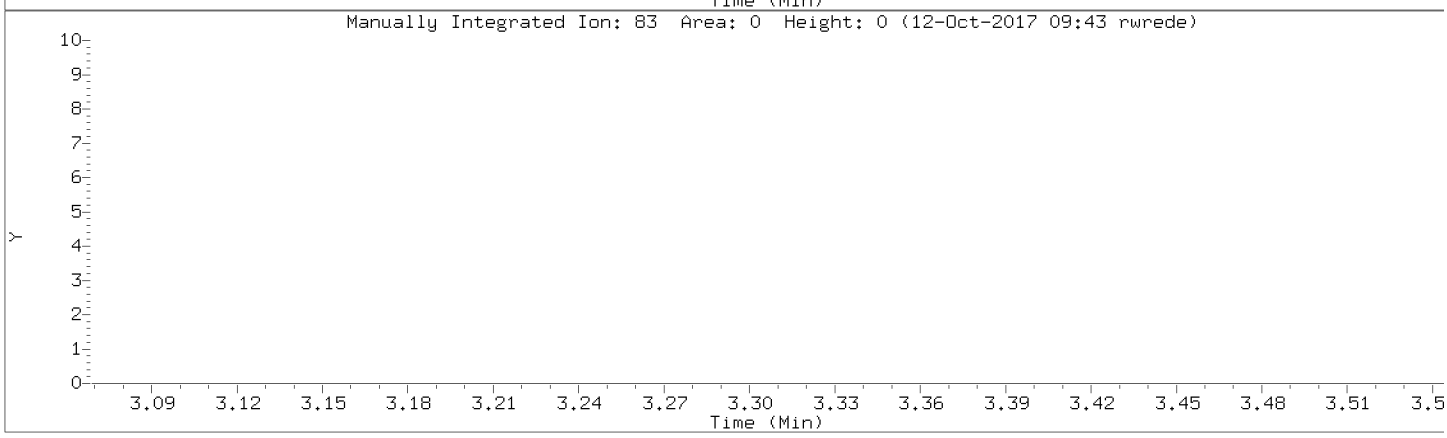






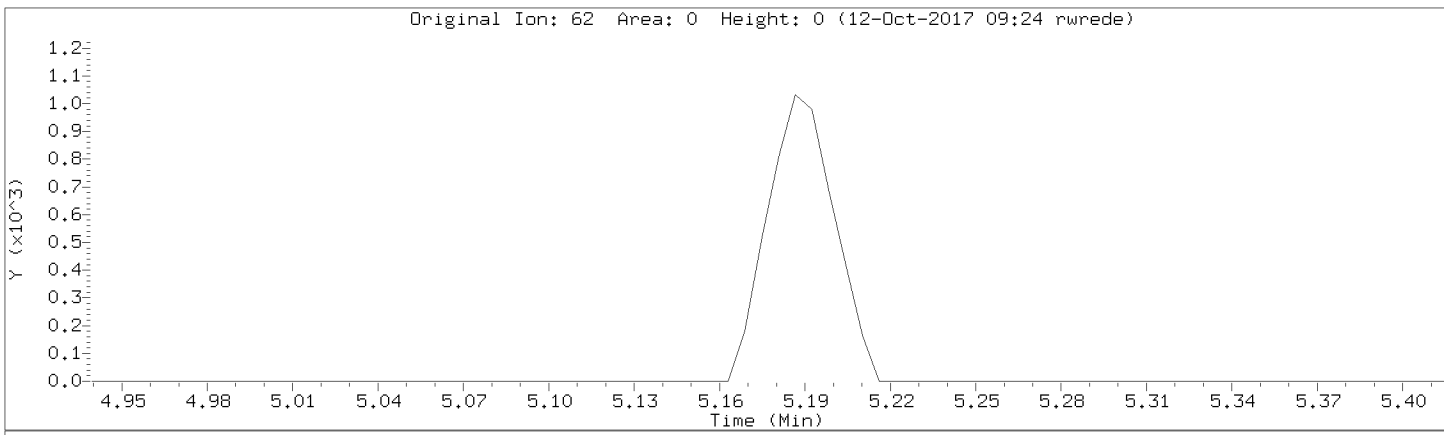
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

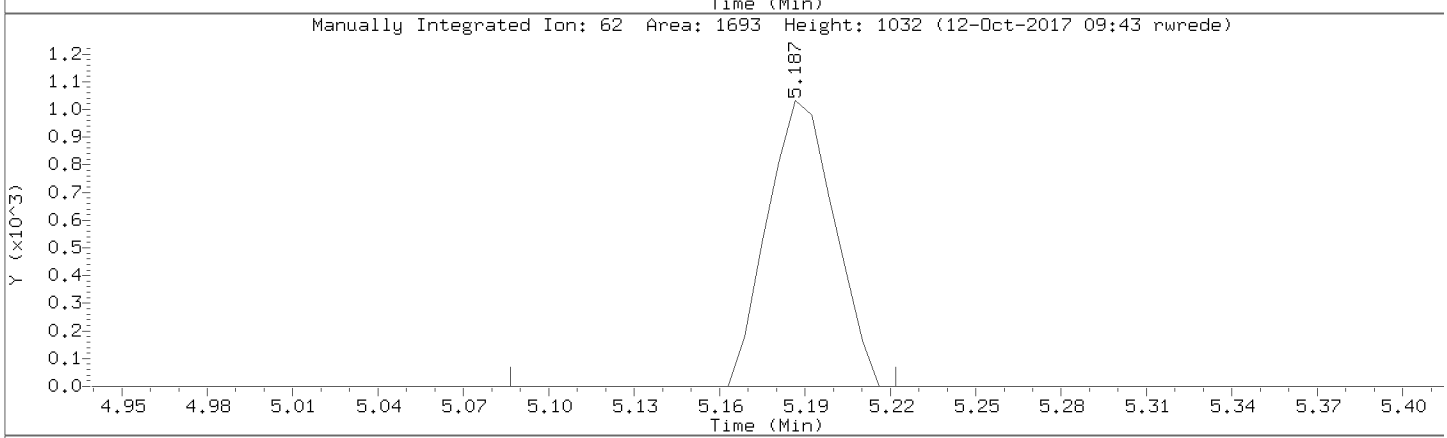


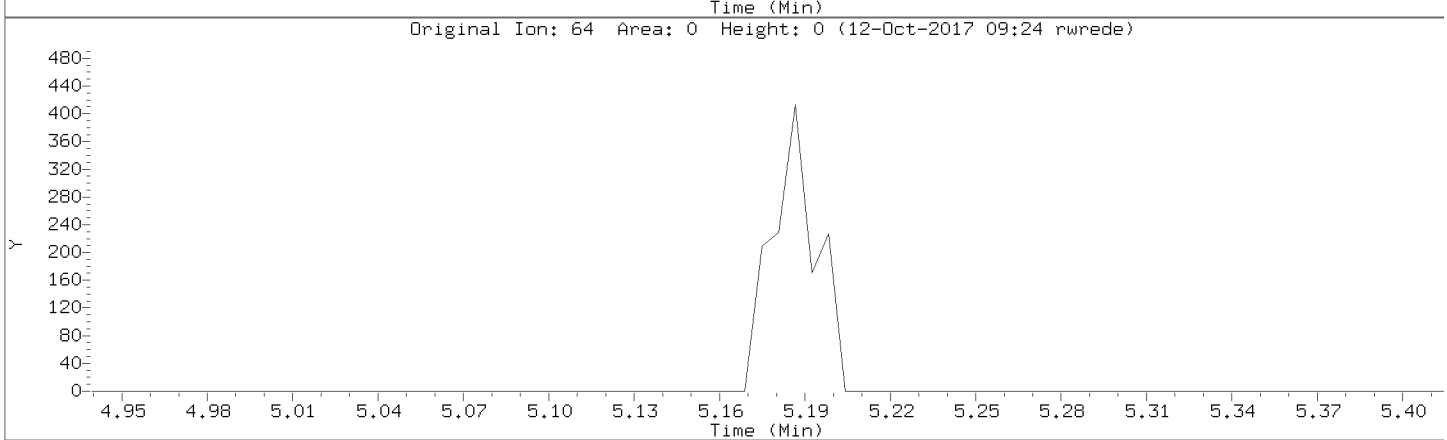


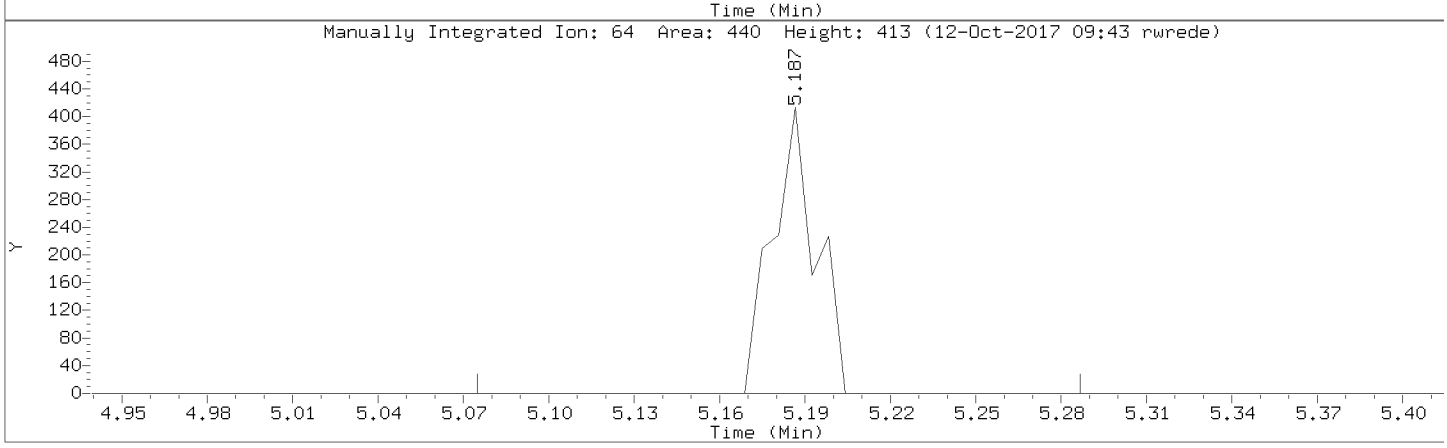
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2

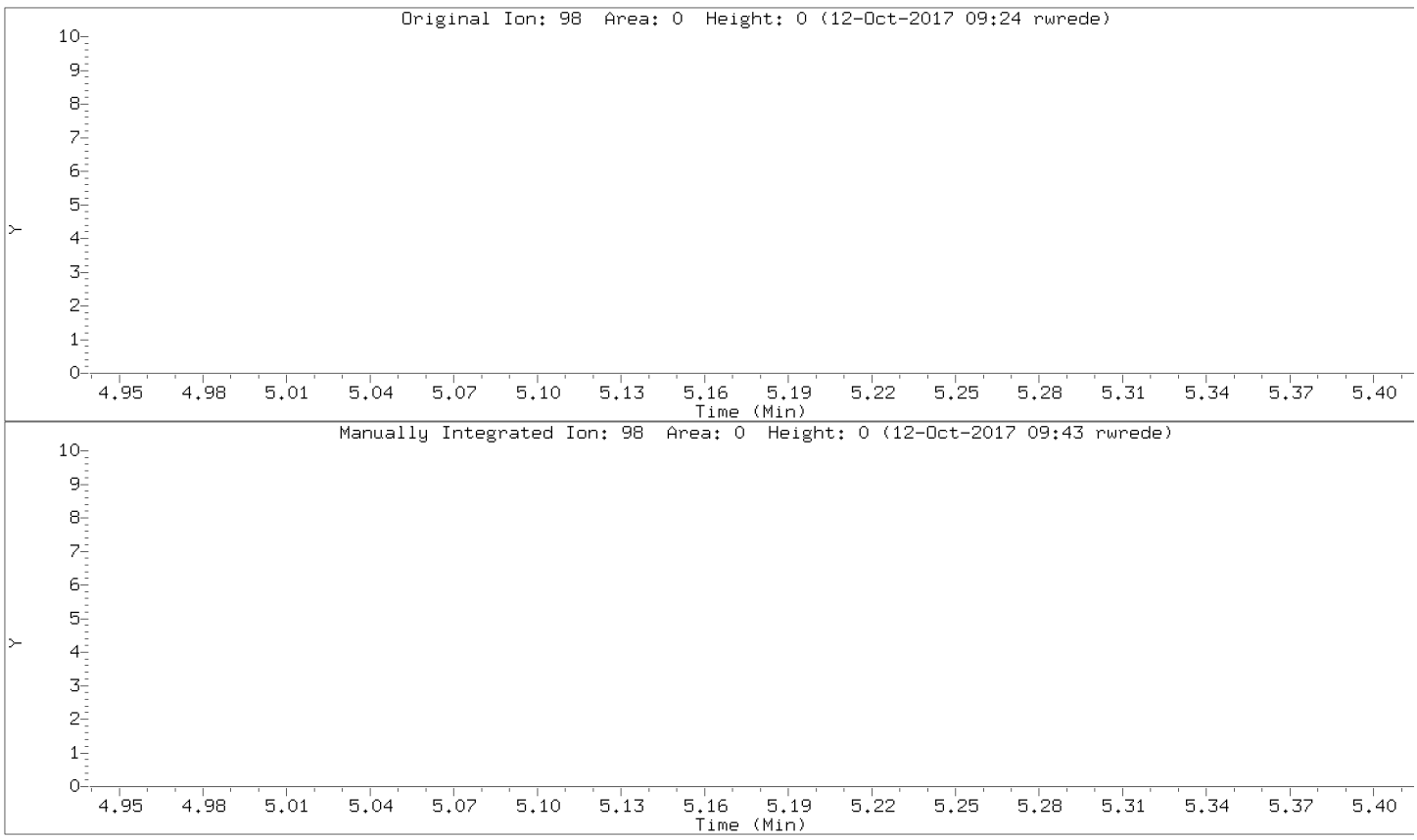








Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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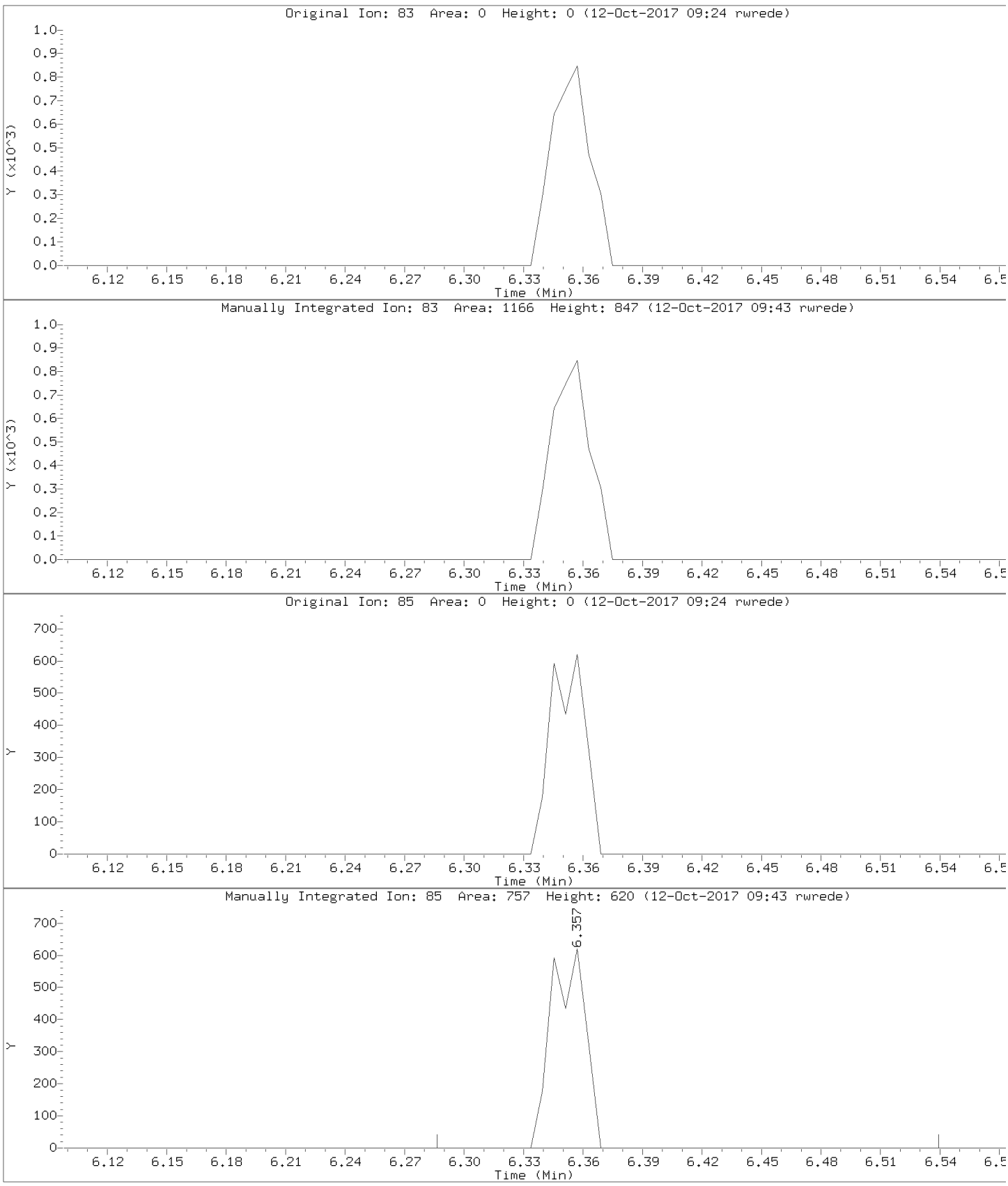
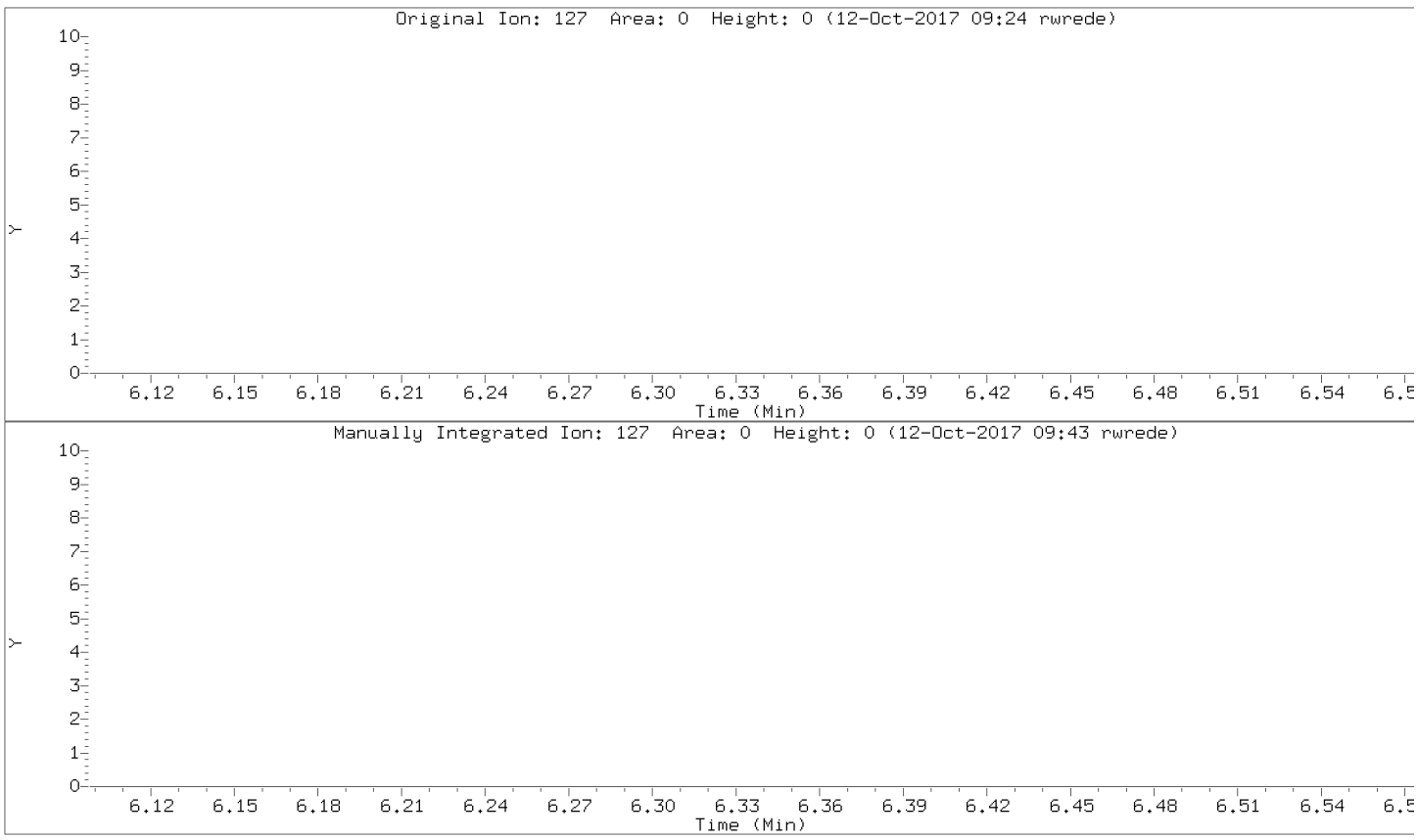
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Bromodichloromethane Review Code: NI
CAS Number: 75-27-4

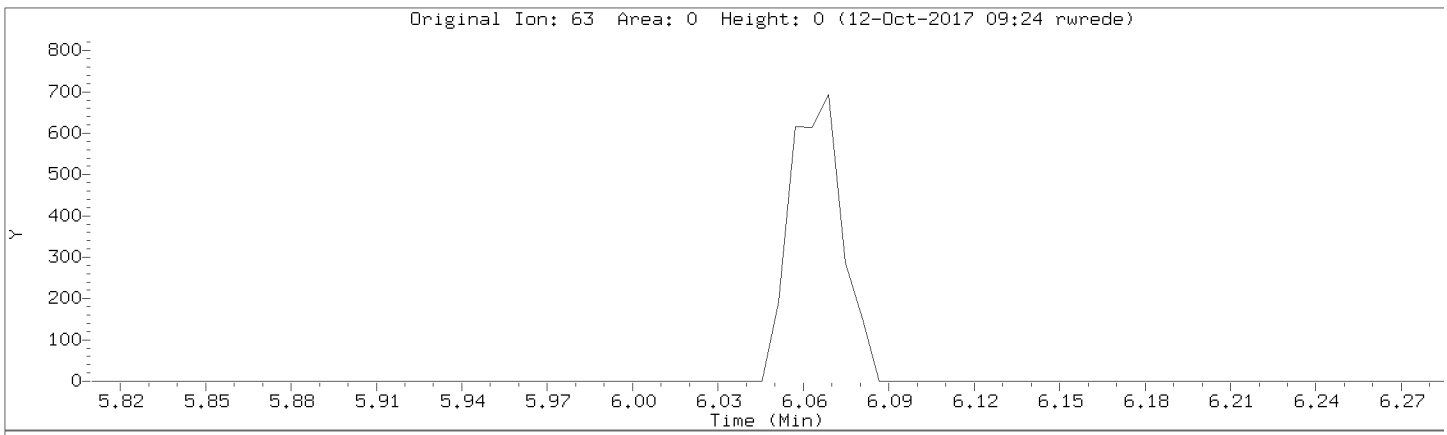


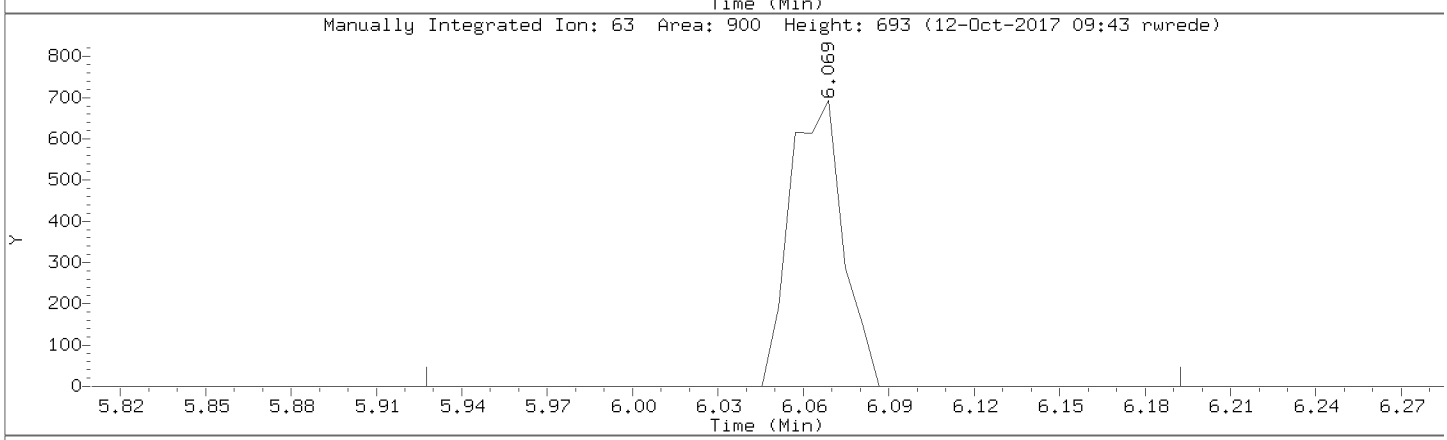
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

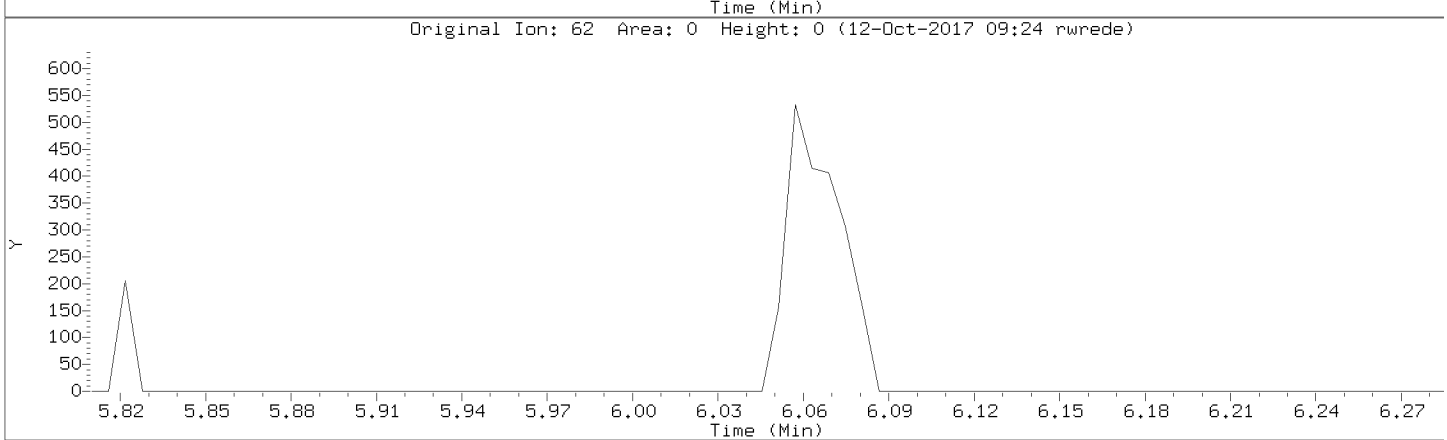


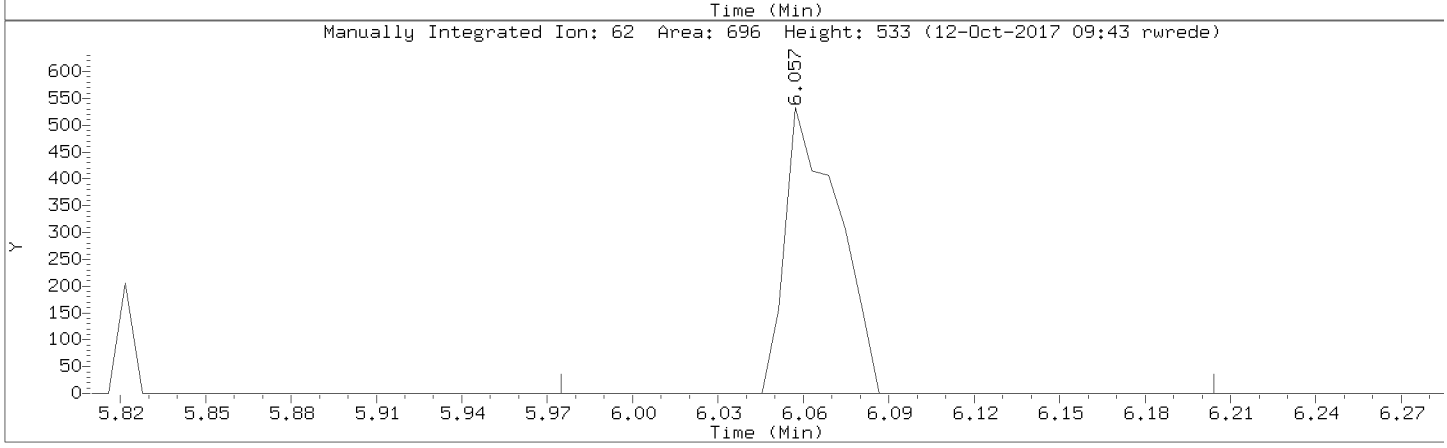
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,2-Dichloropropane Review Code: NI
CAS Number: 78-87-5

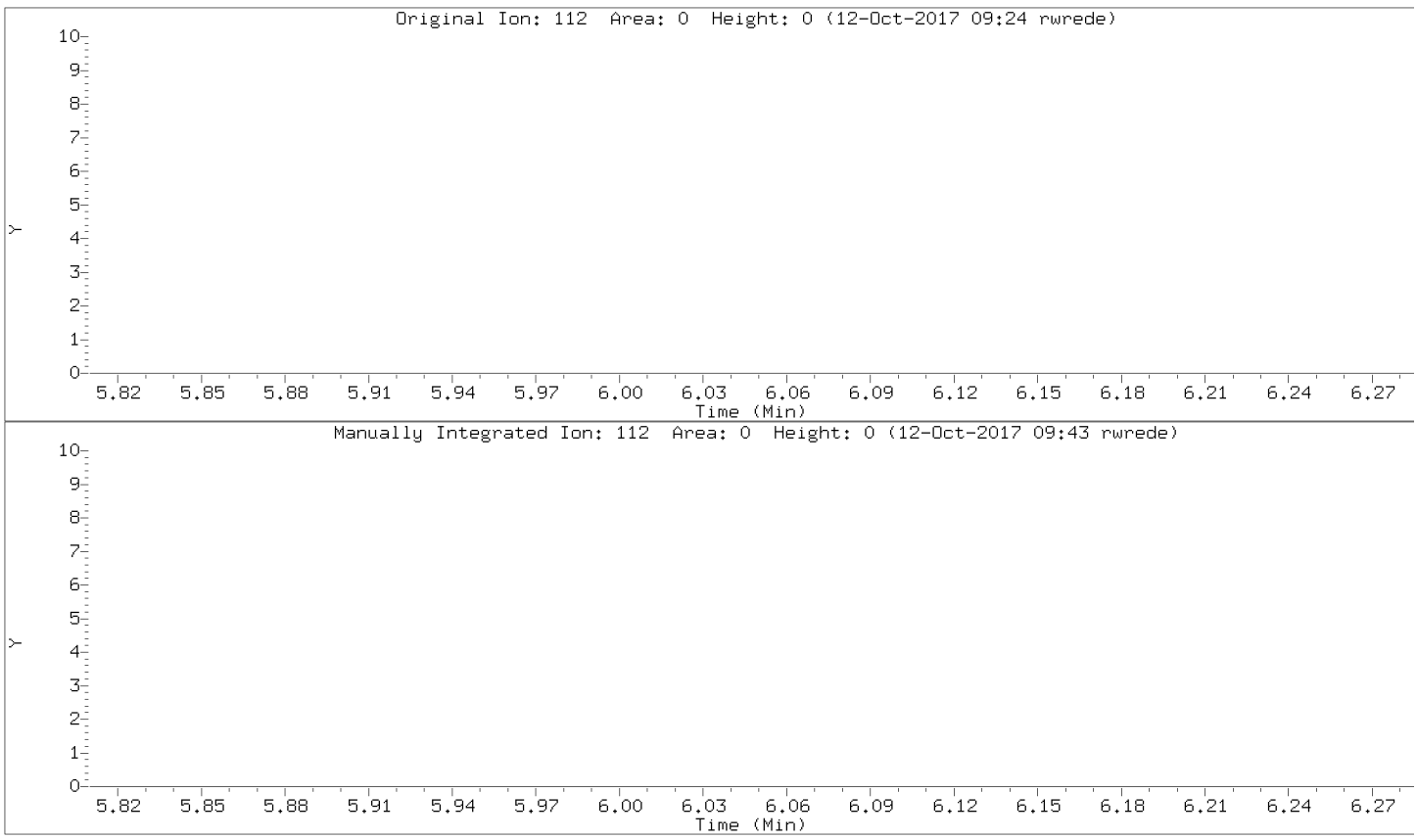






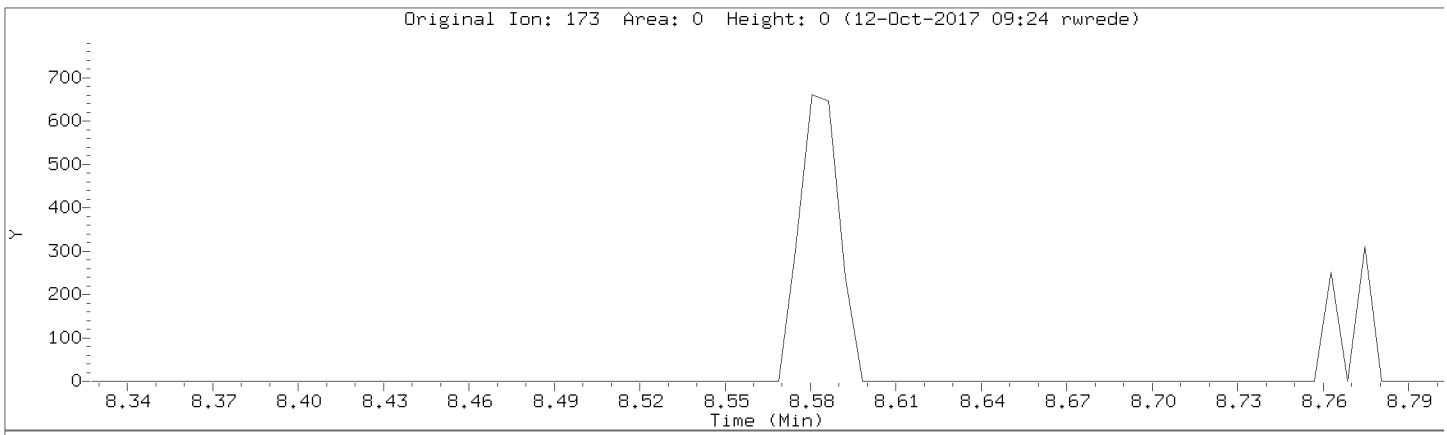


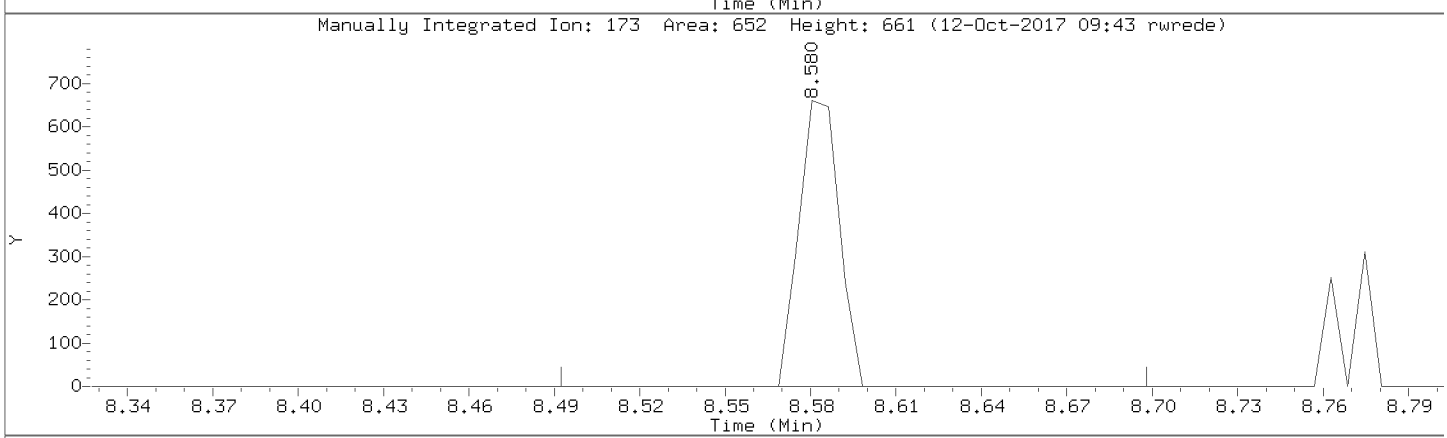
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

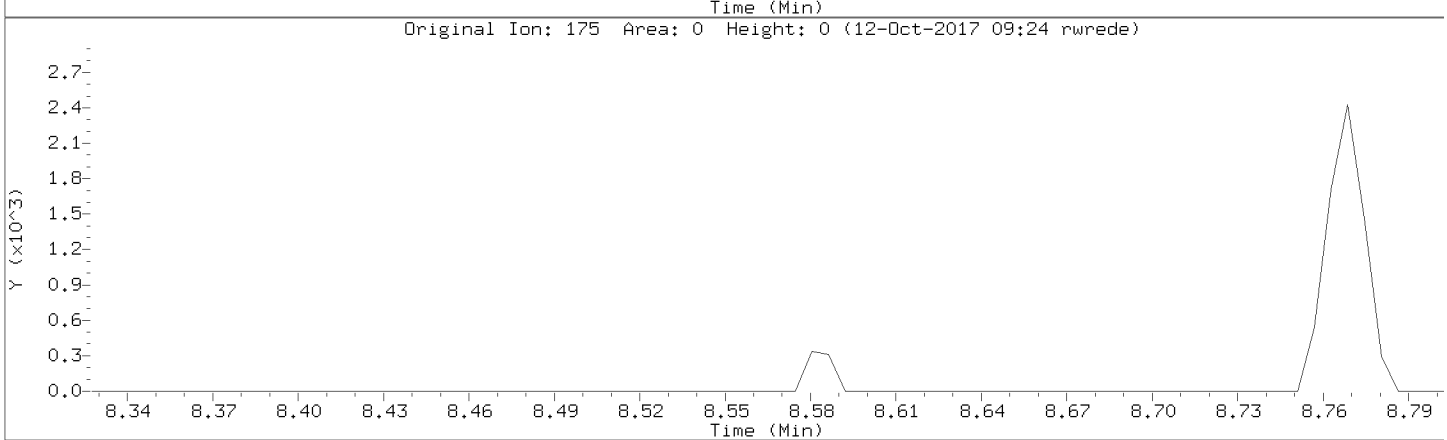


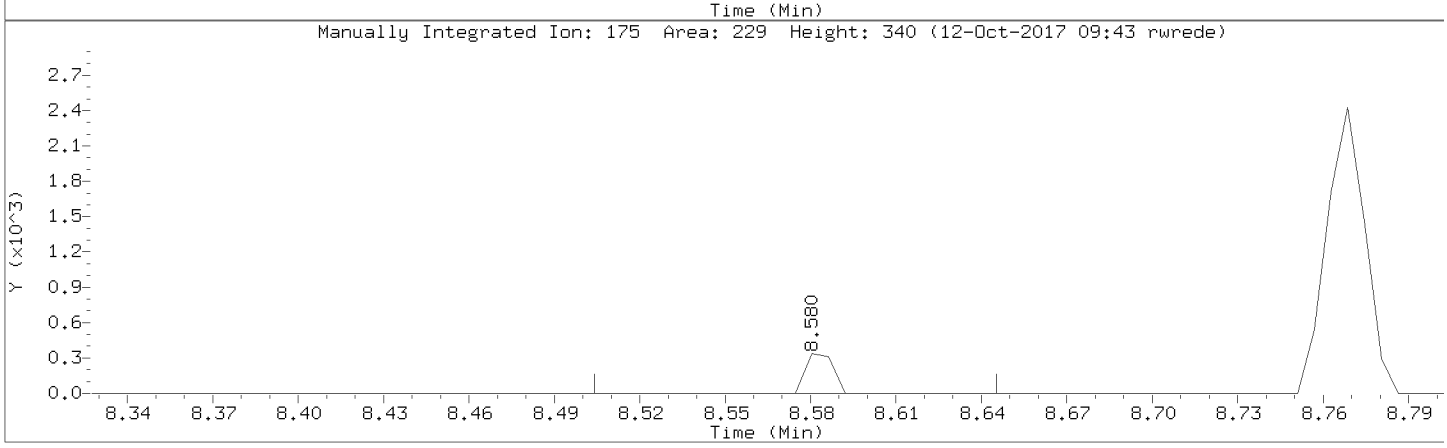
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2

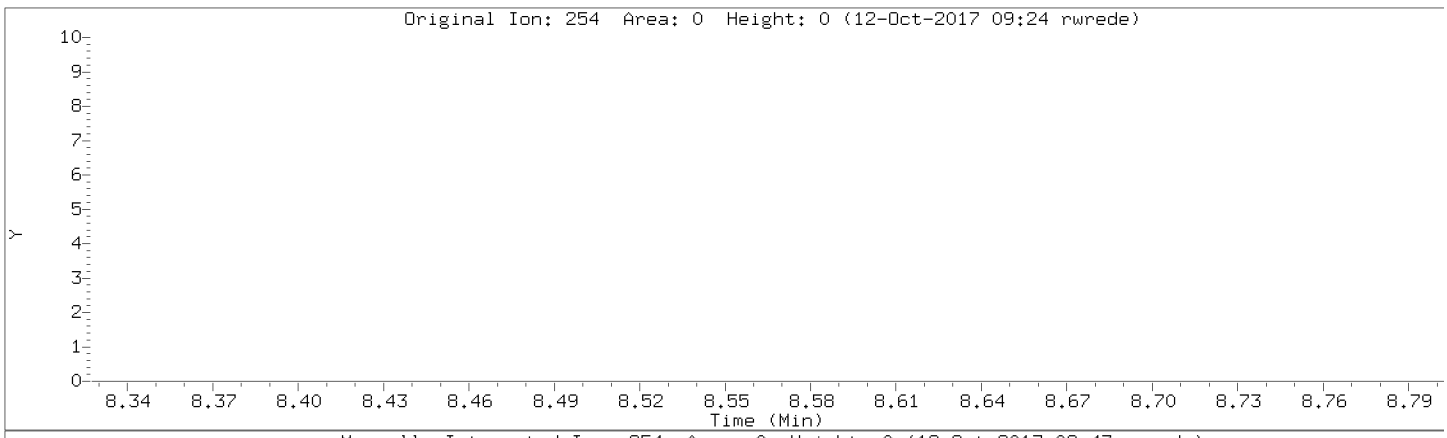


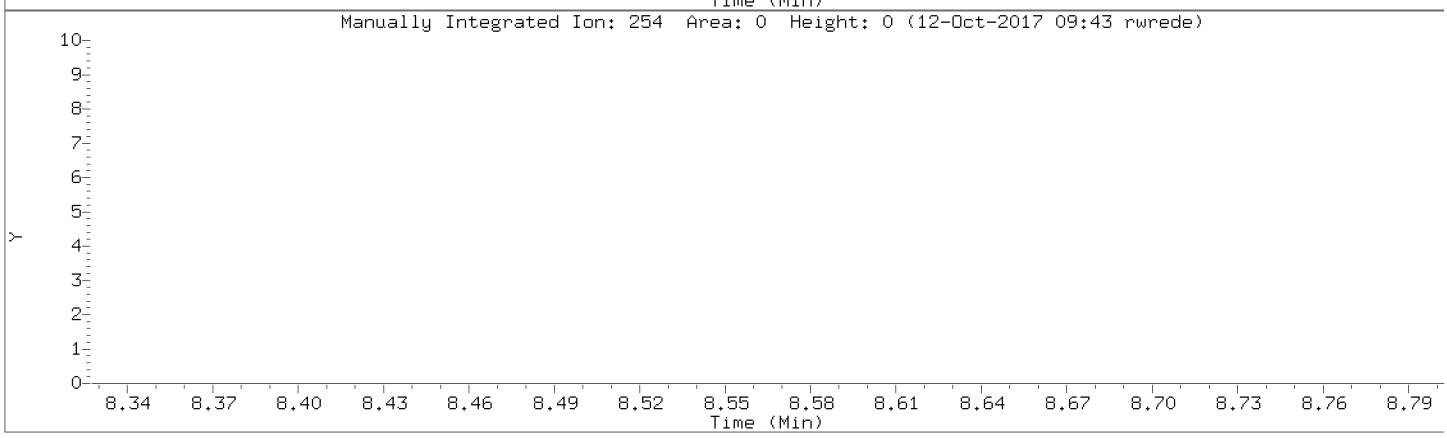






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3





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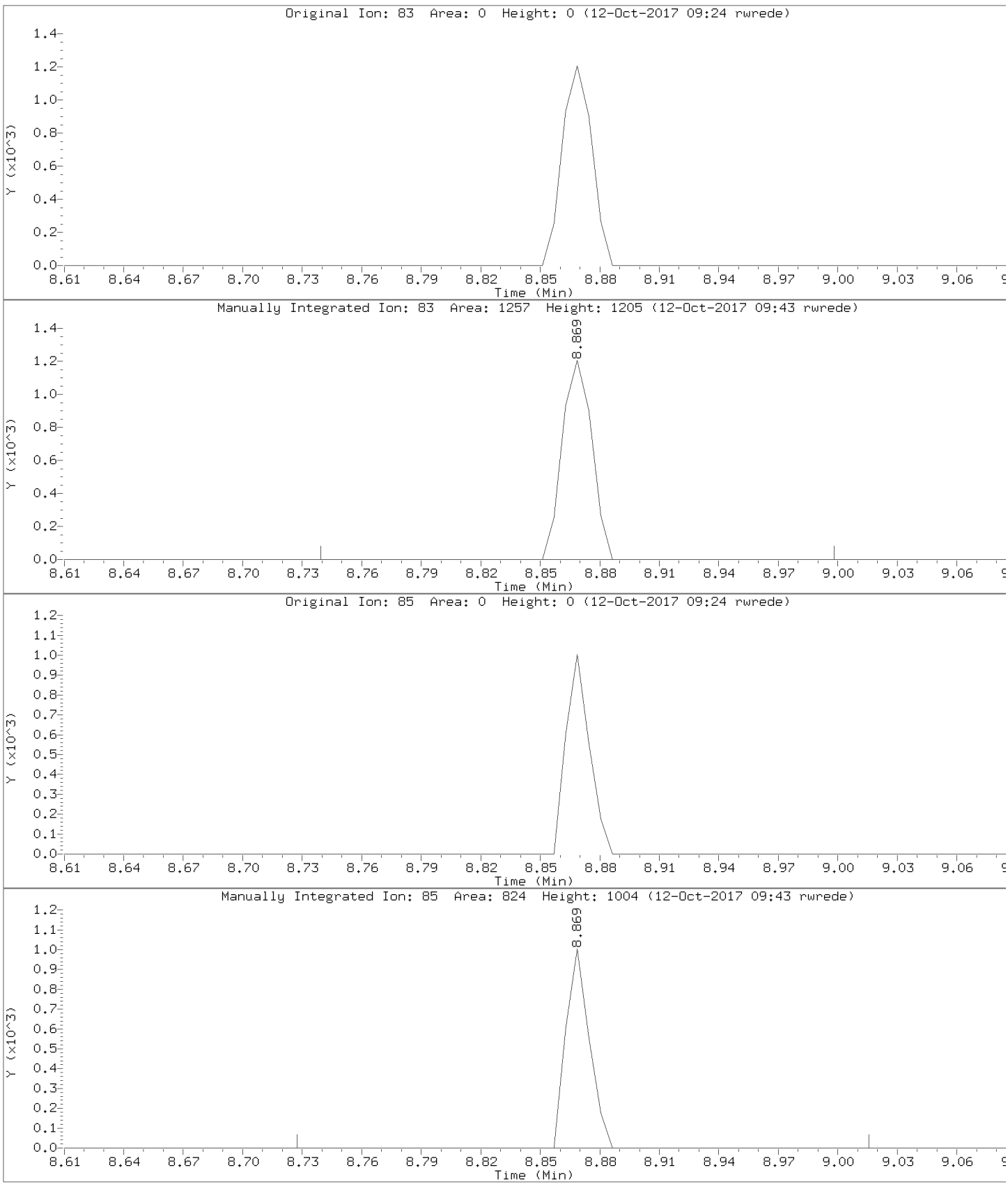
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,1,2,2-Tetrachloroethane Review Code: NI
CAS Number: 79-34-5



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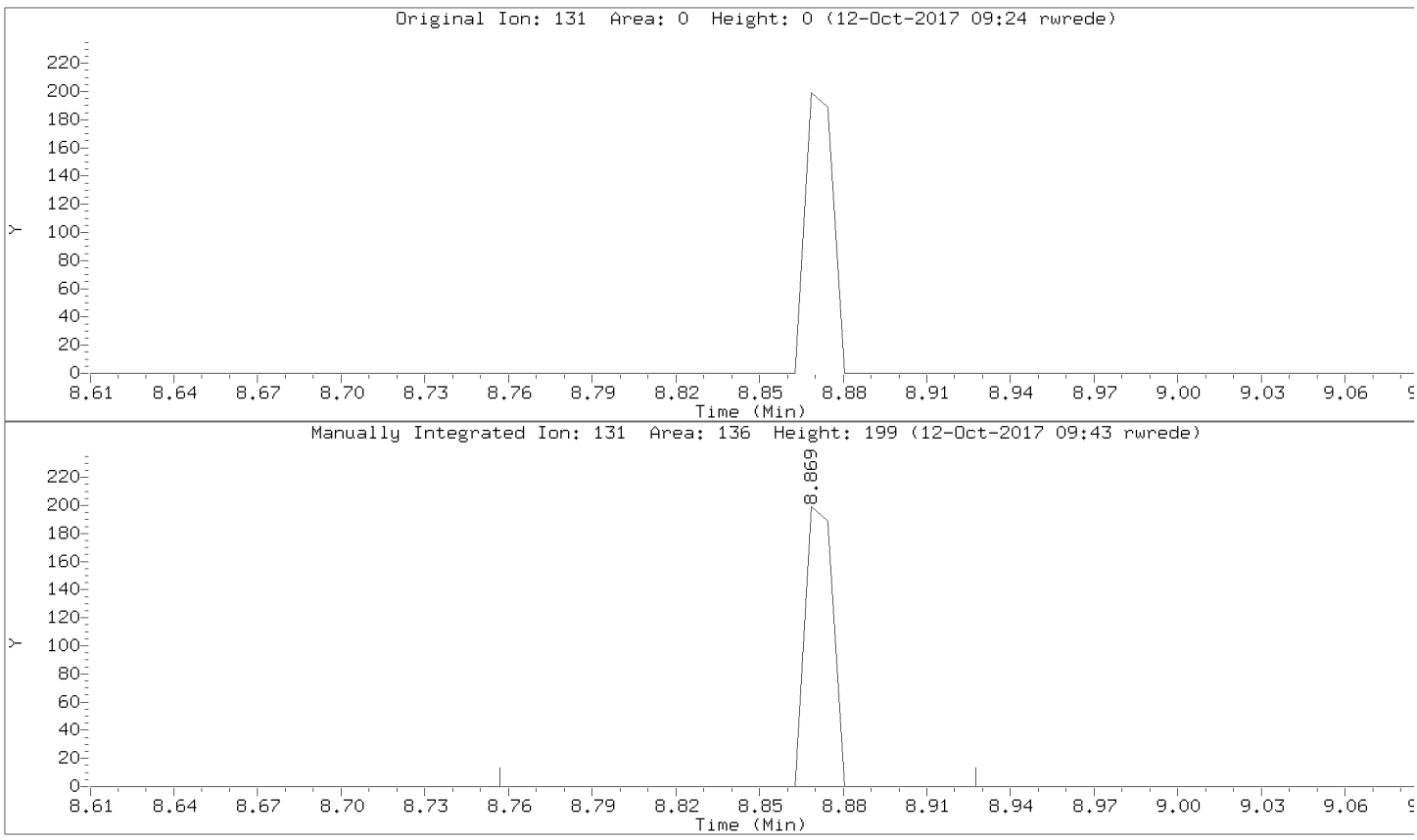
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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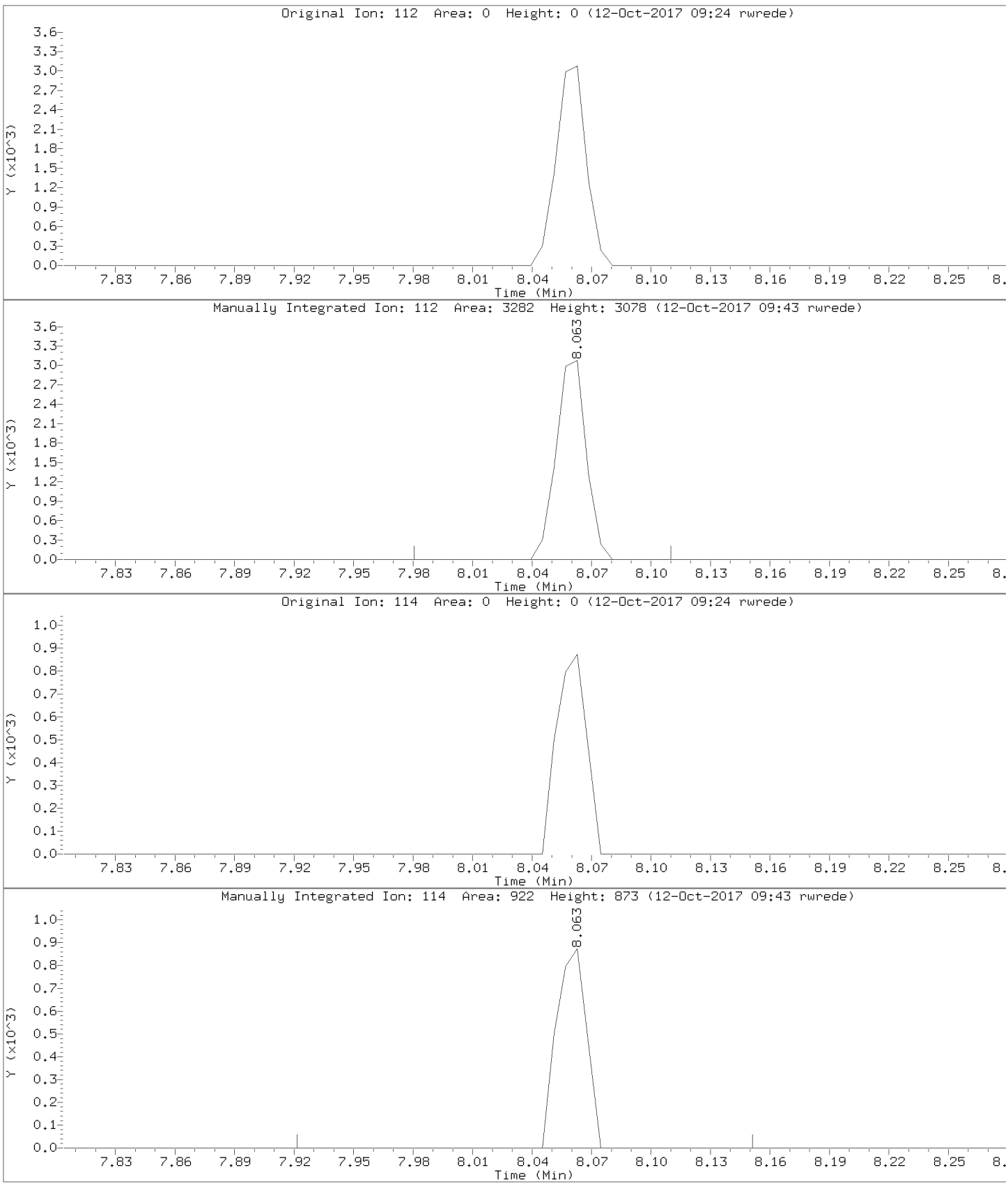
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Chlorobenzene Review Code: NI
CAS Number: 108-90-7



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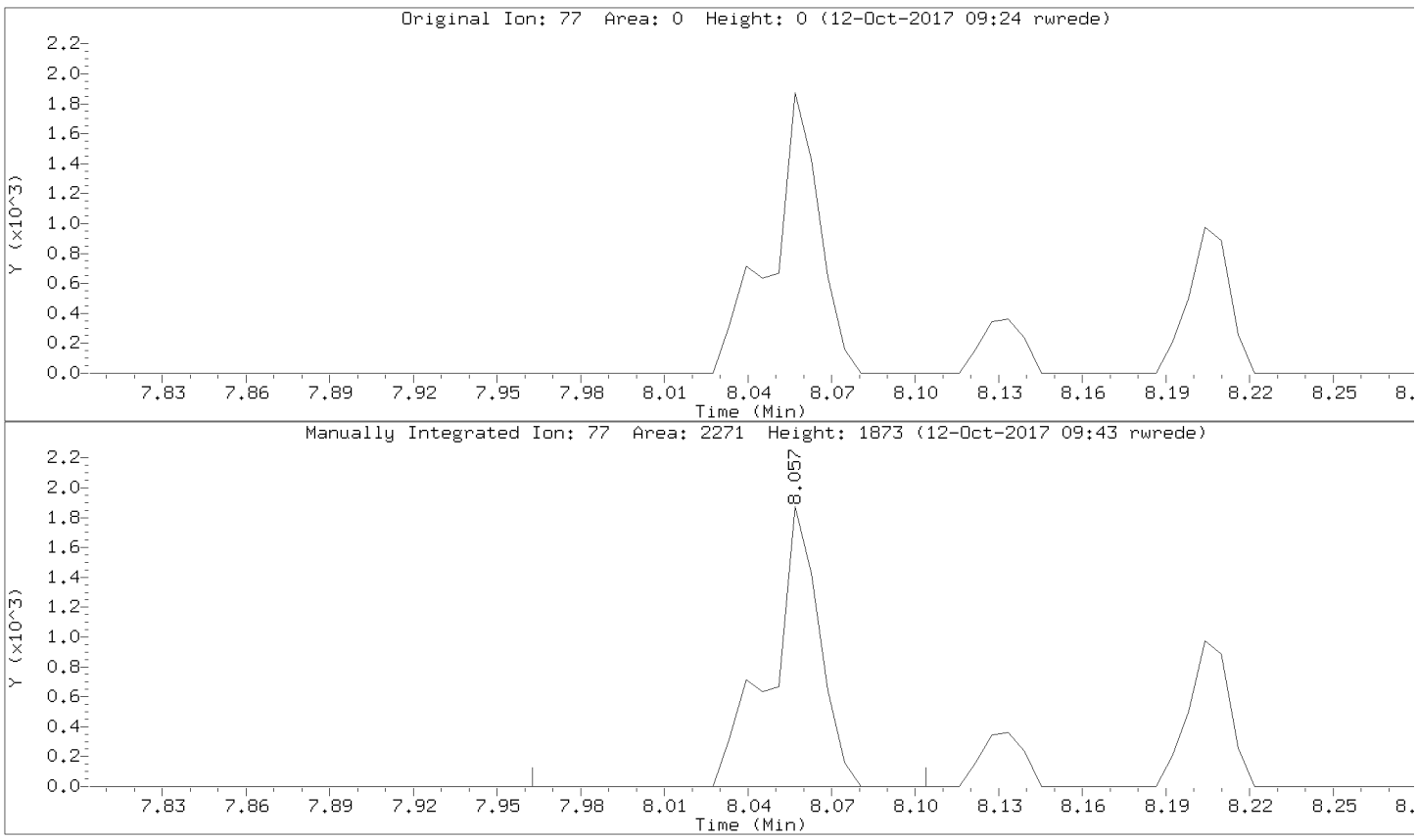
Lab Sample ID: 8260-CAL3



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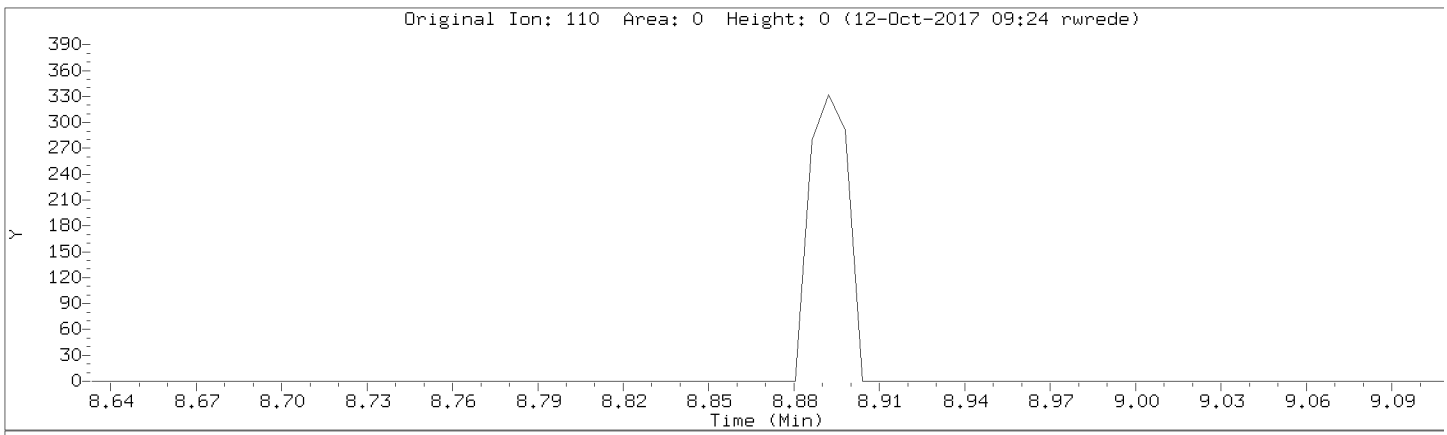
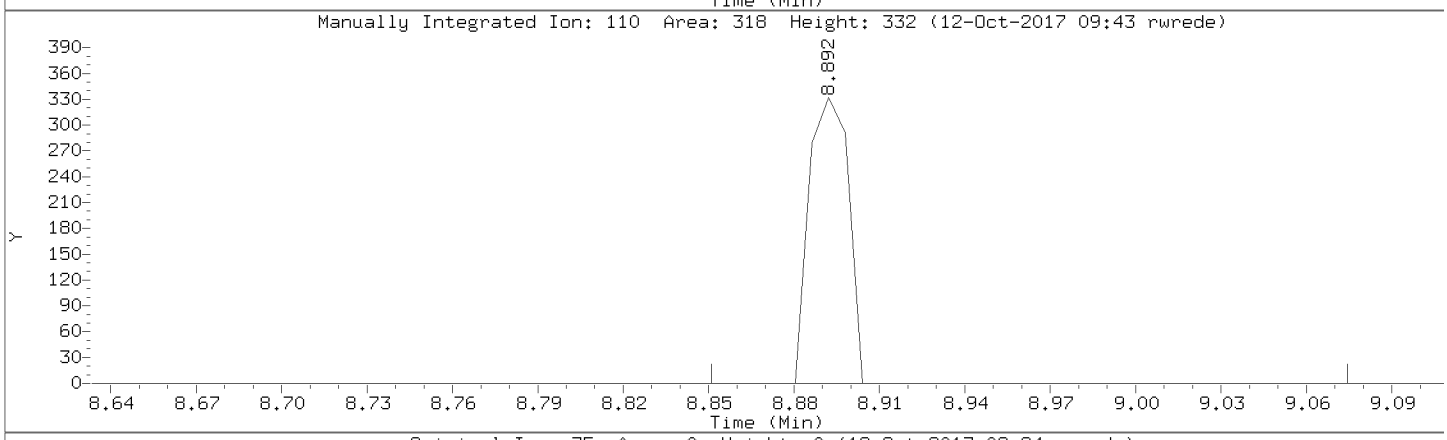
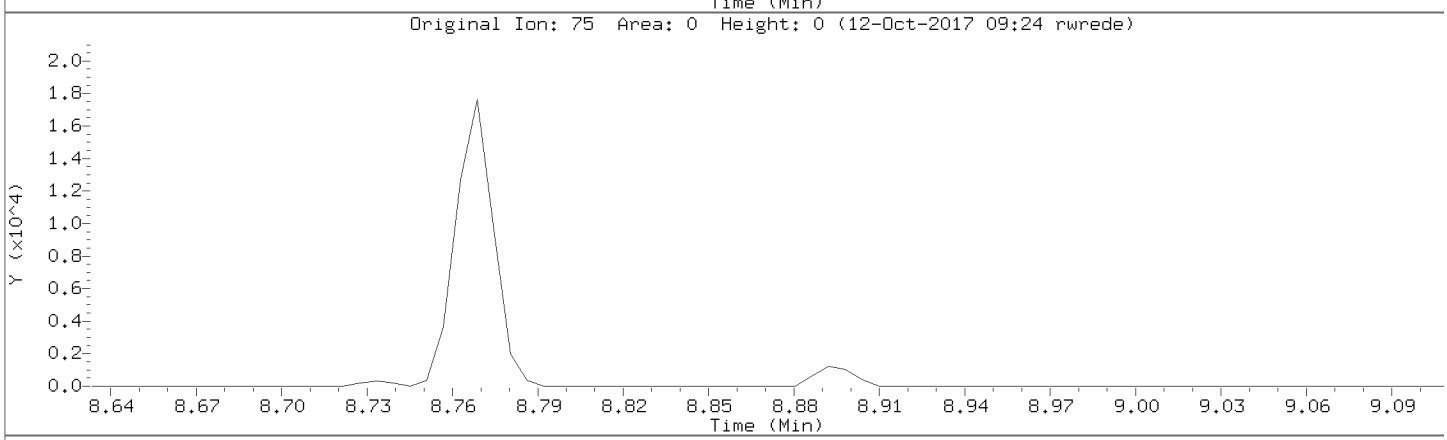
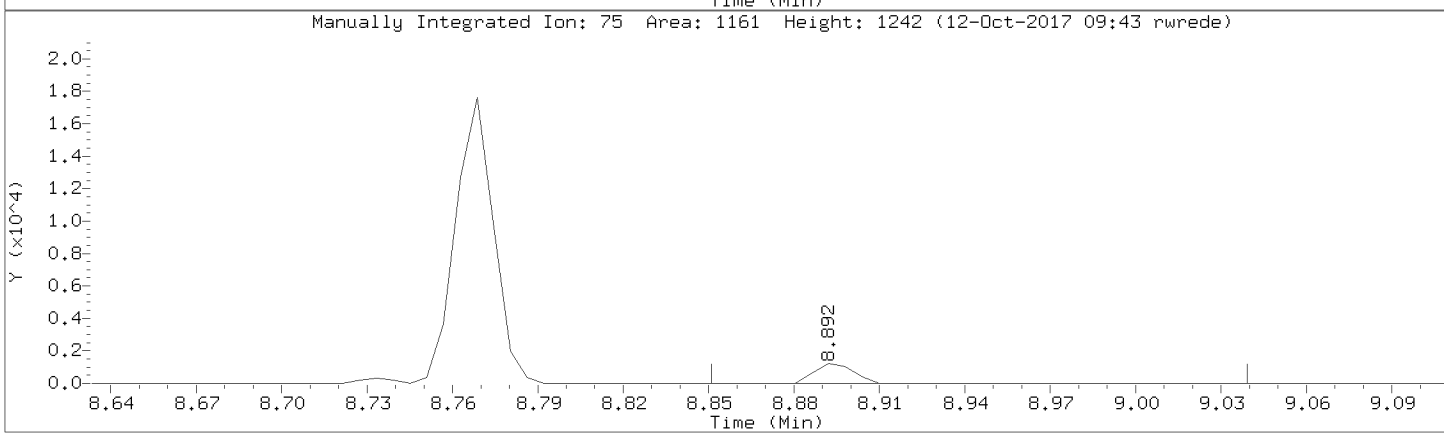
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,2,3-Trichloropropane Review Code: NI
CAS Number: 96-18-4









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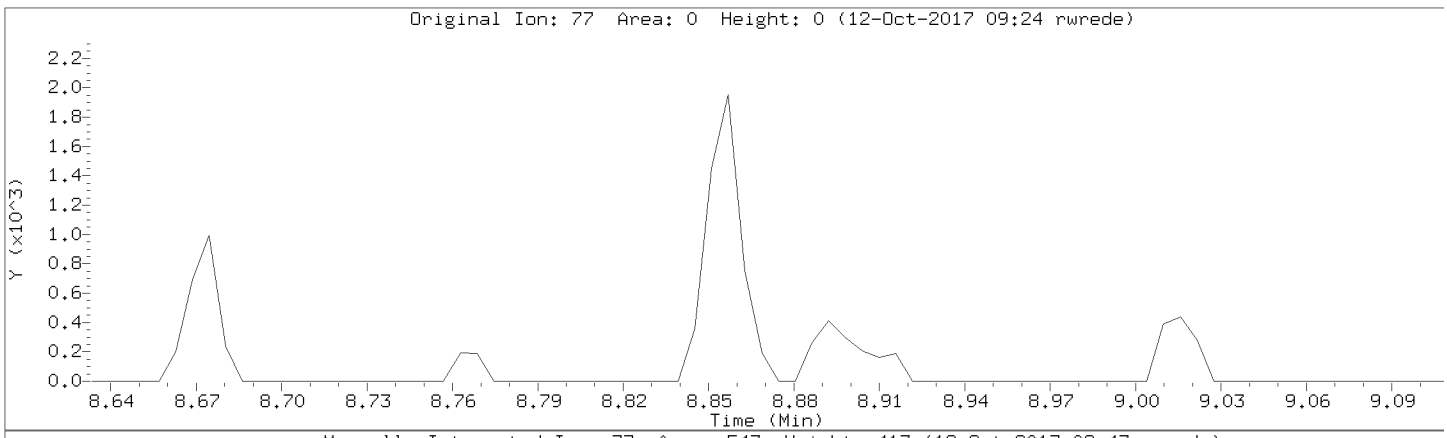
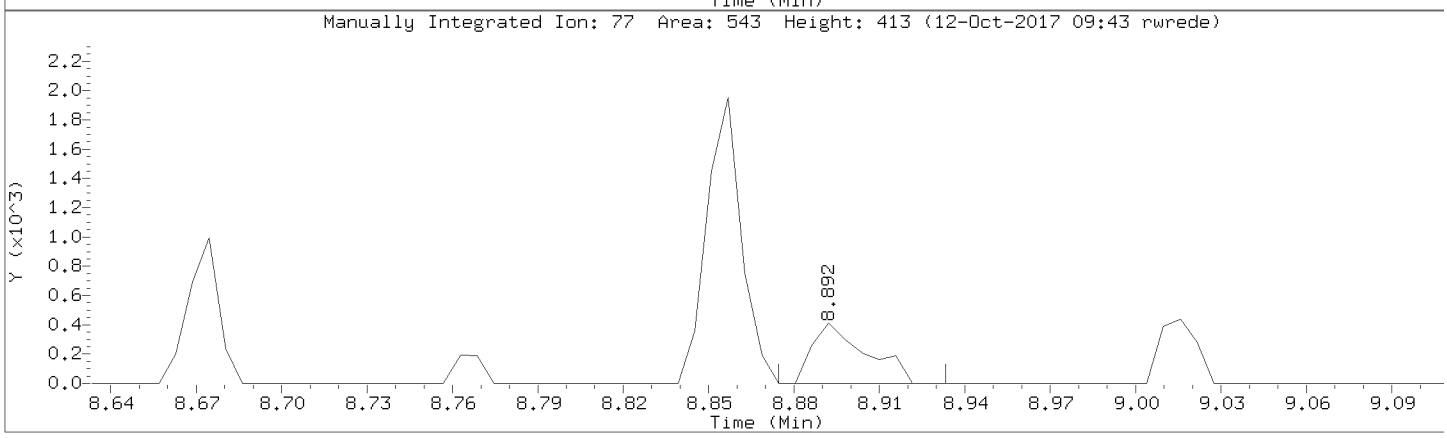
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3





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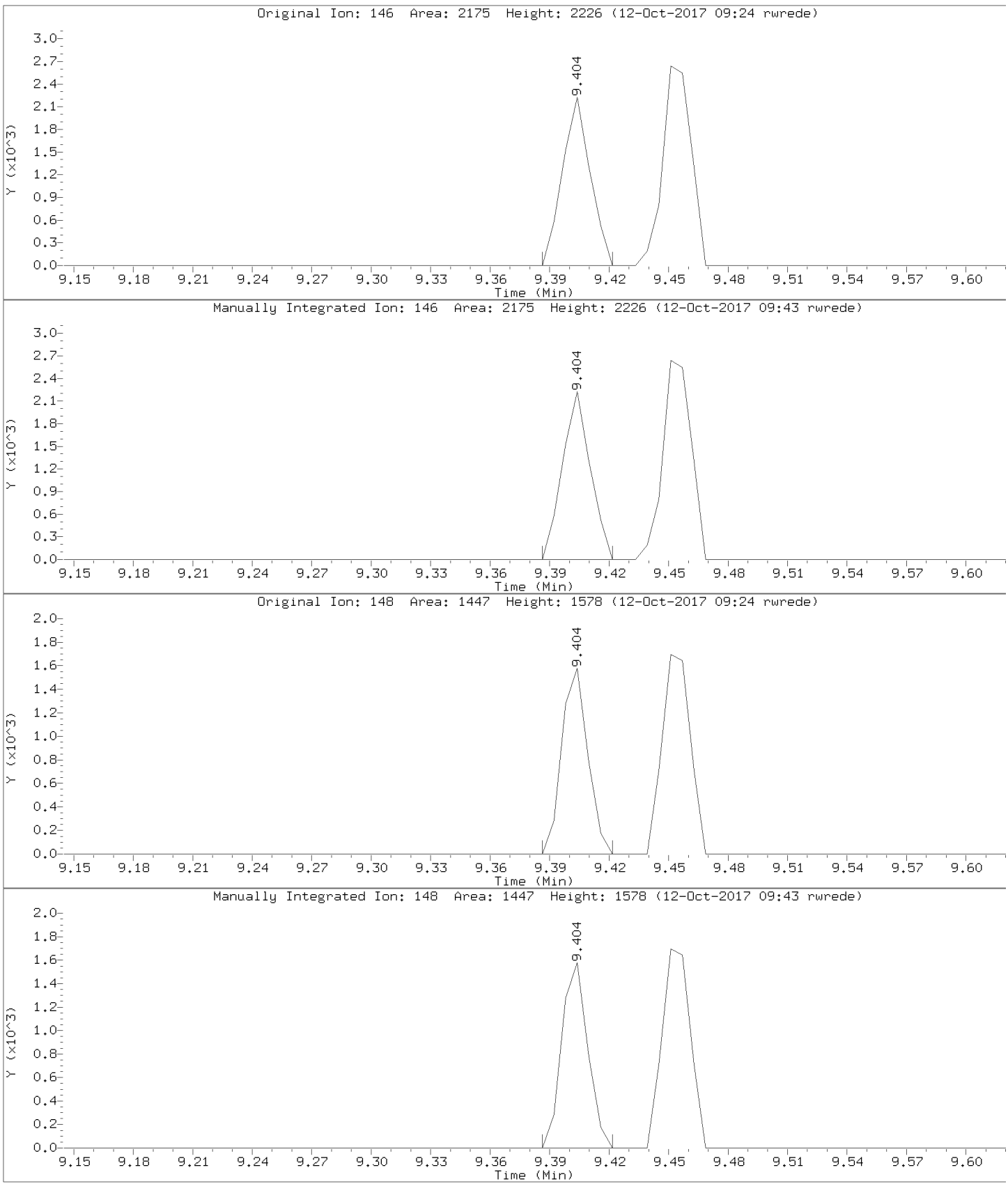
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,3-Dichlorobenzene Review Code: WP
CAS Number: 541-73-1



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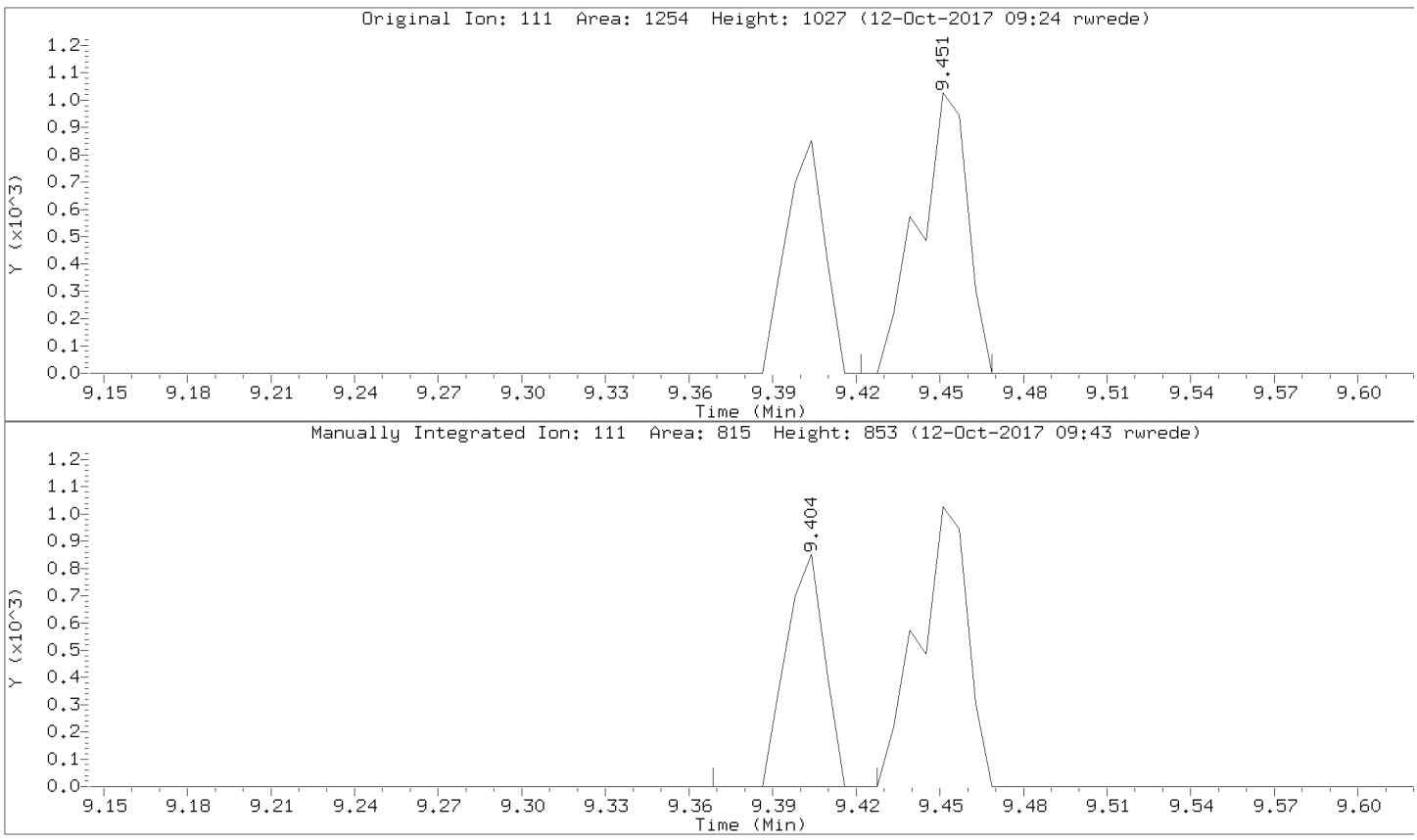
Lab Sample ID: 8260-CAL3



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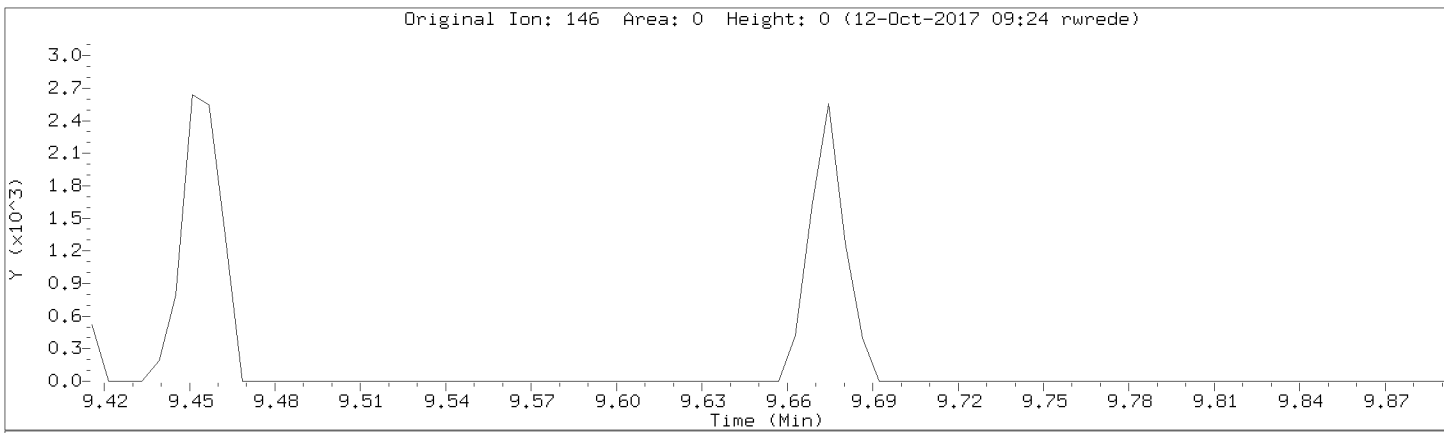
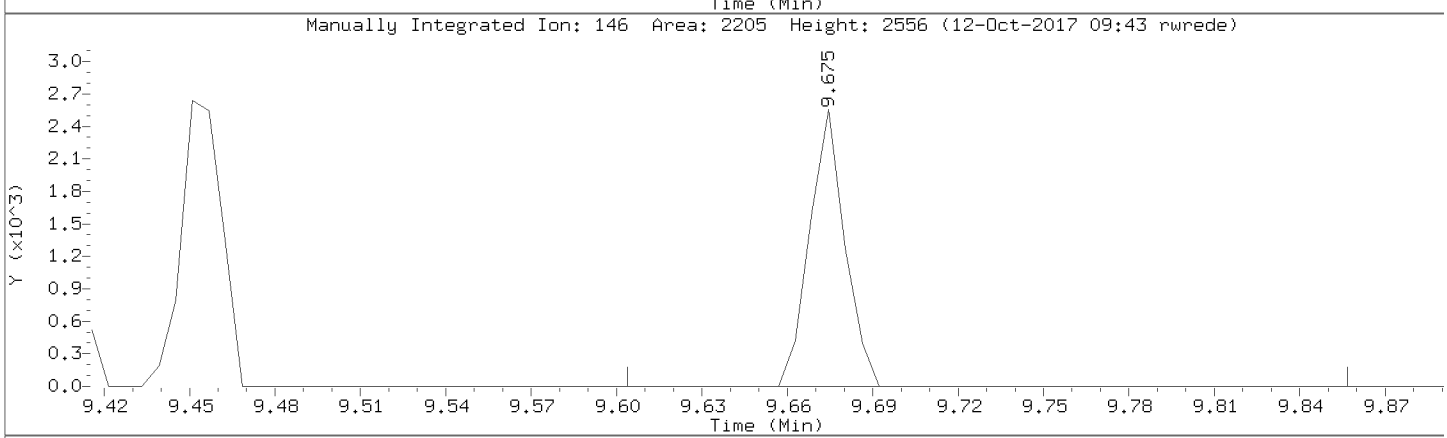
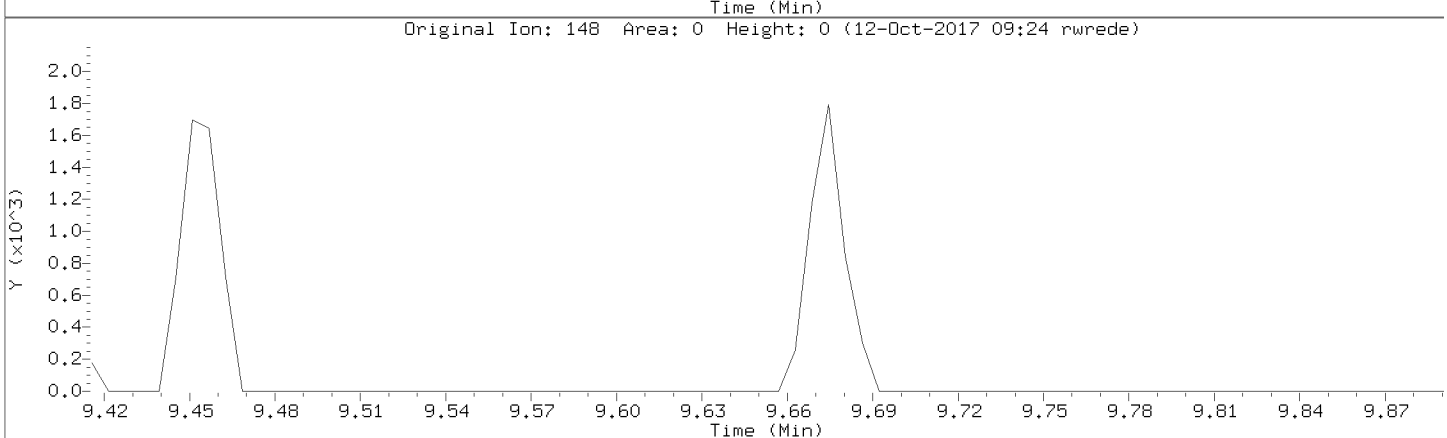
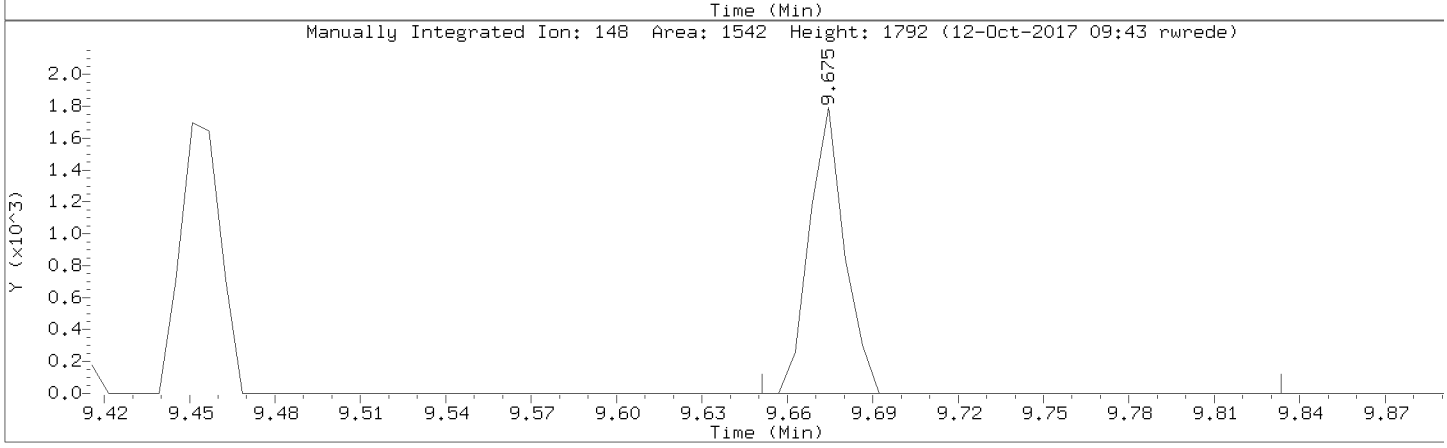
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,2-Dichlorobenzene Review Code: NI
CAS Number: 95-50-1









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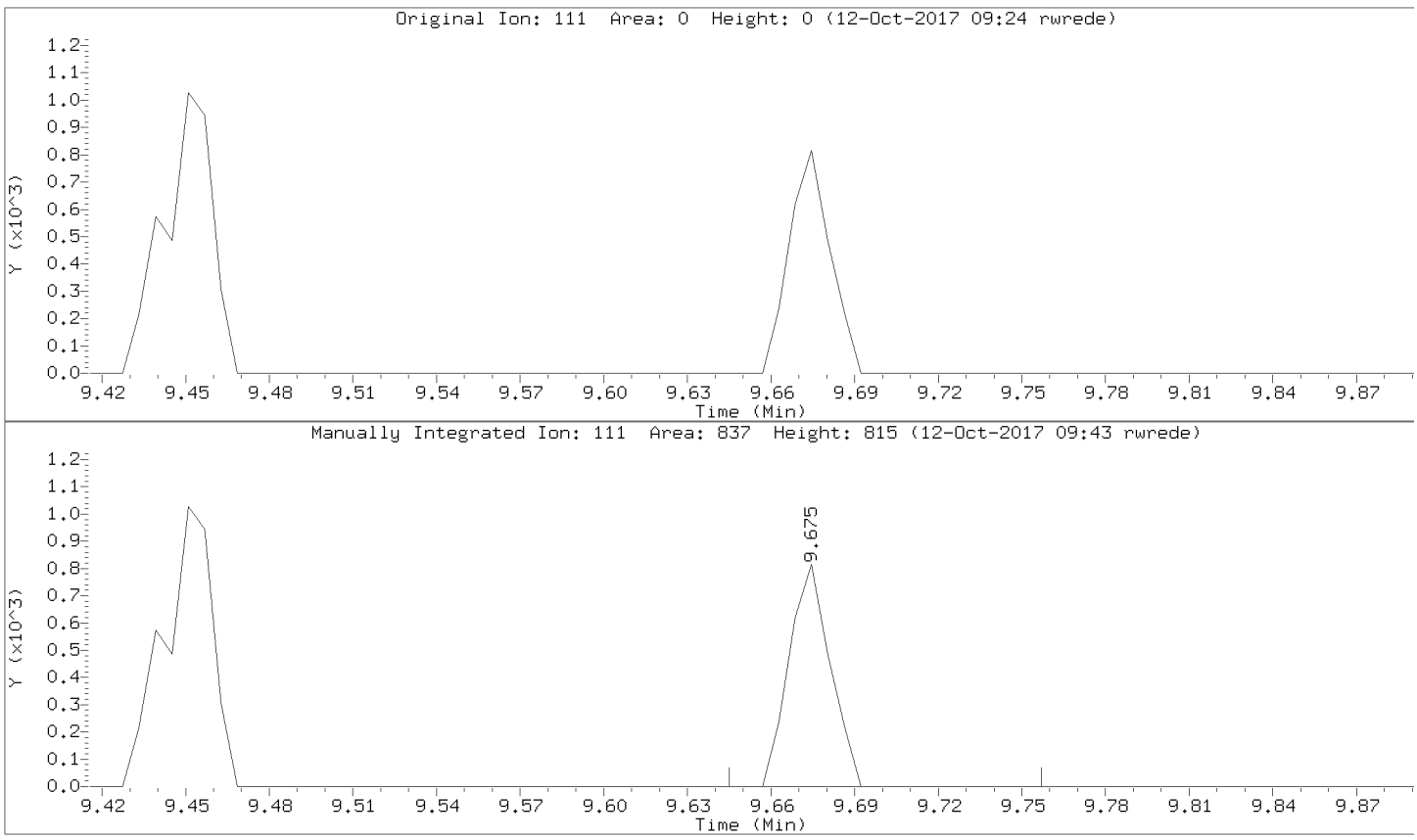
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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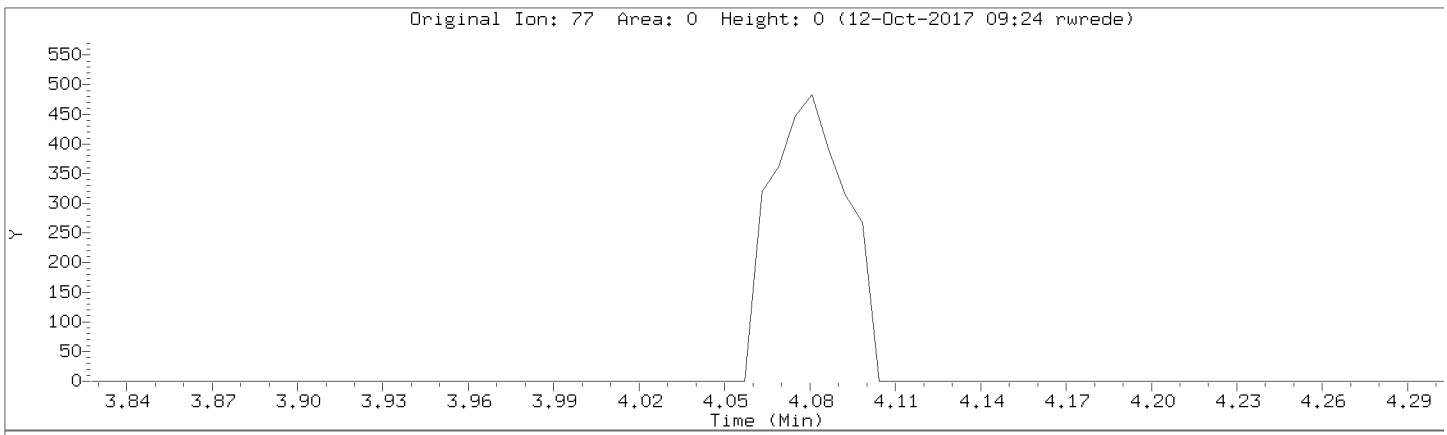
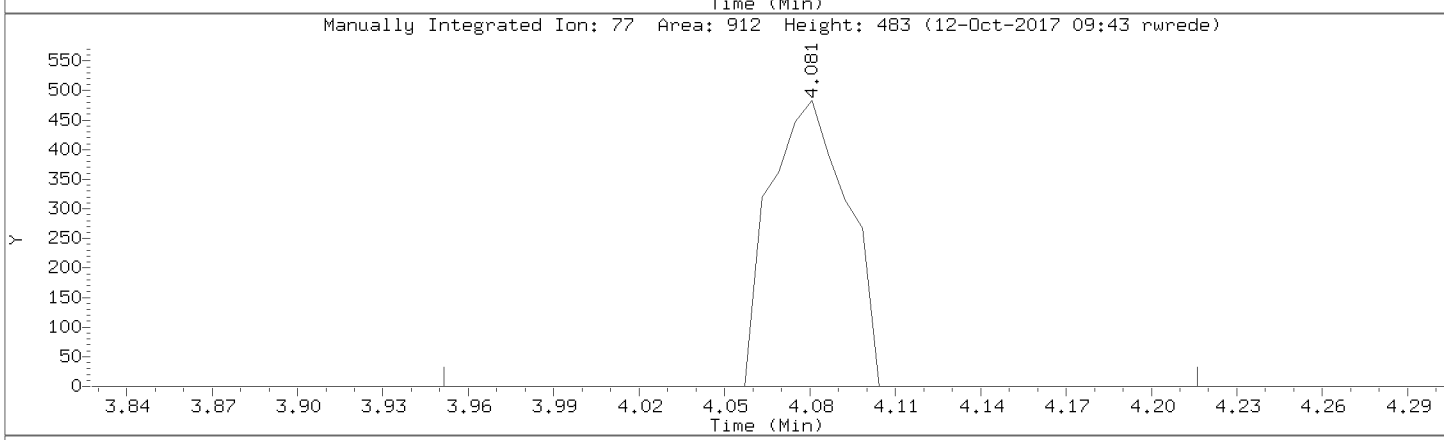
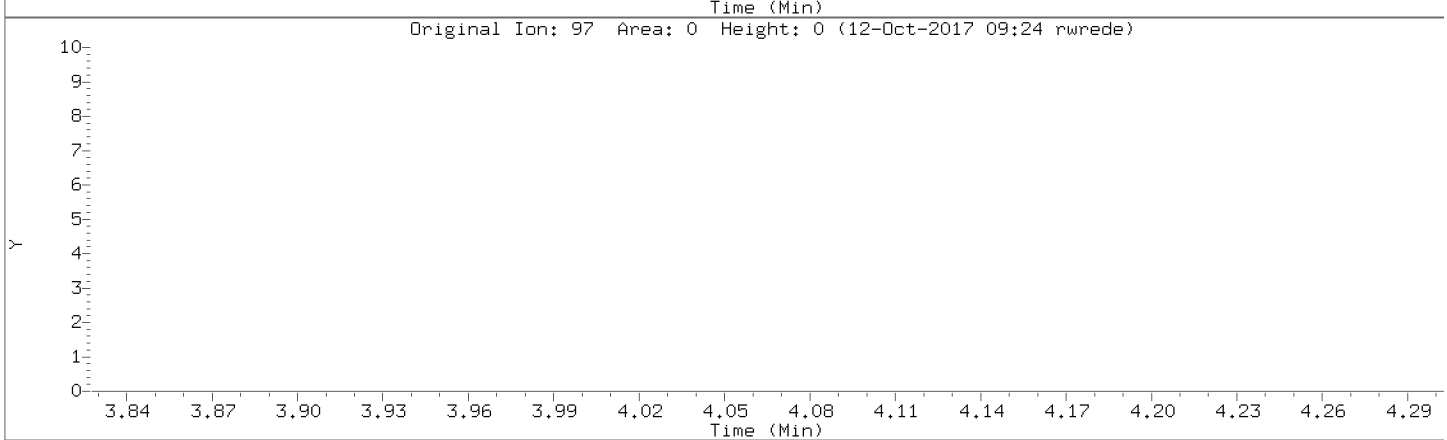
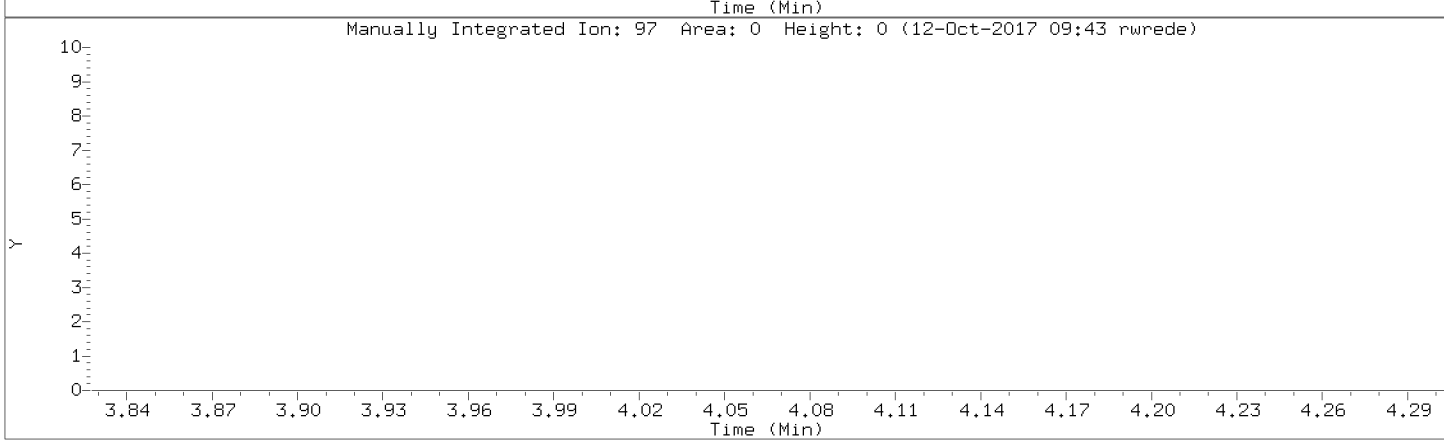
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 2,2-Dichloropropane Review Code: NI
CAS Number: 594-20-7









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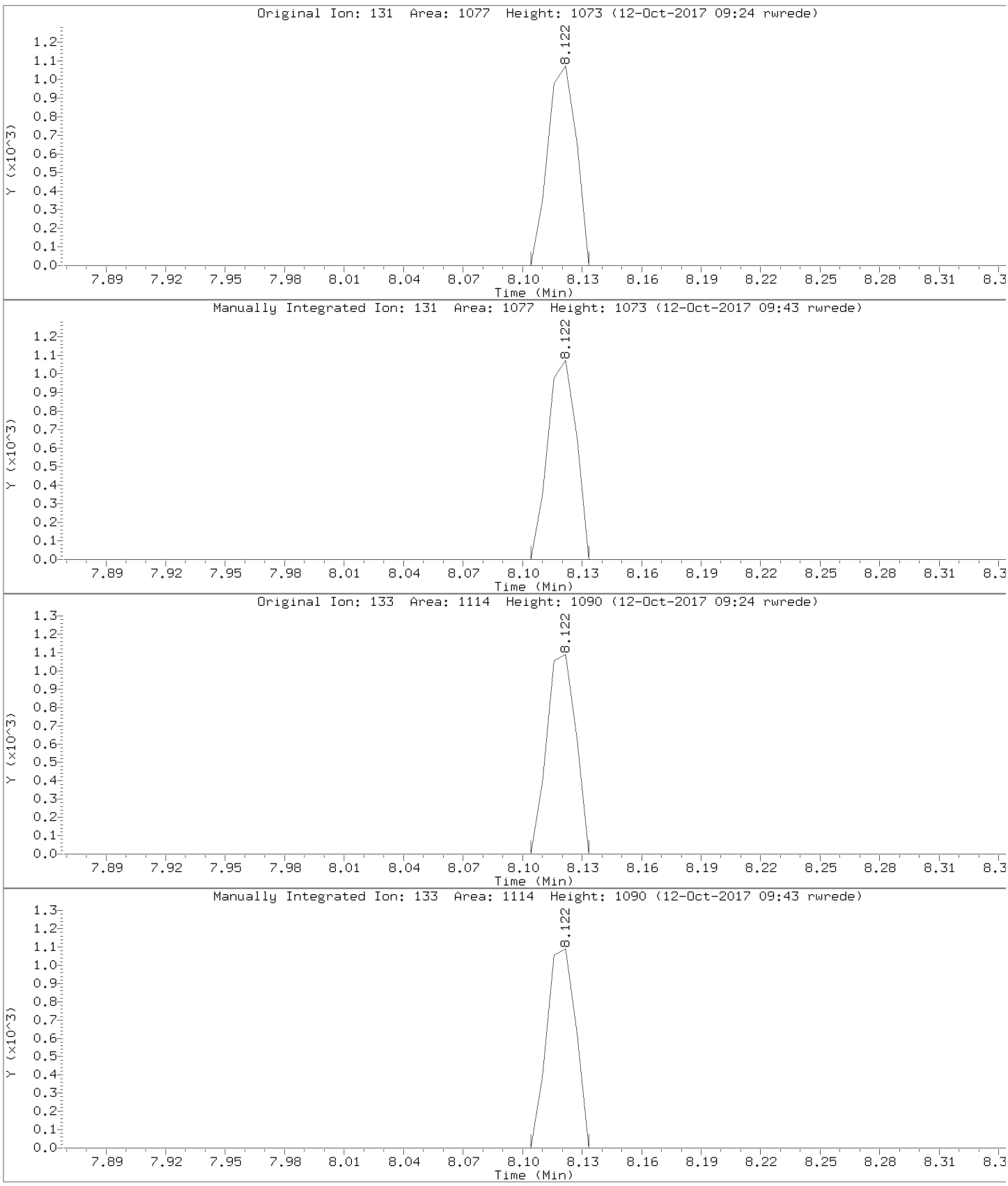
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,1,1,2-Tetrachloroethane Review Code: WP
CAS Number: 630-20-6



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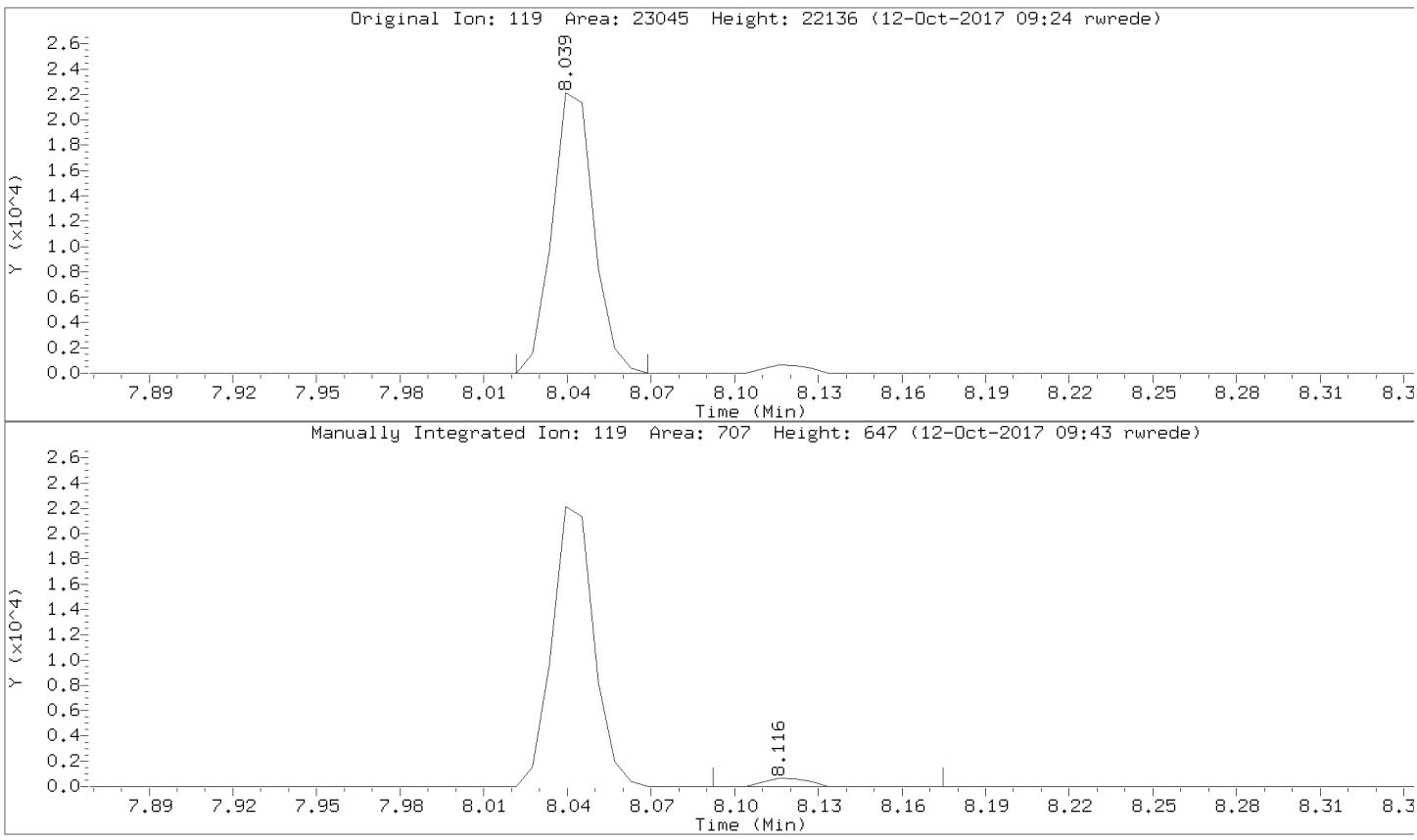
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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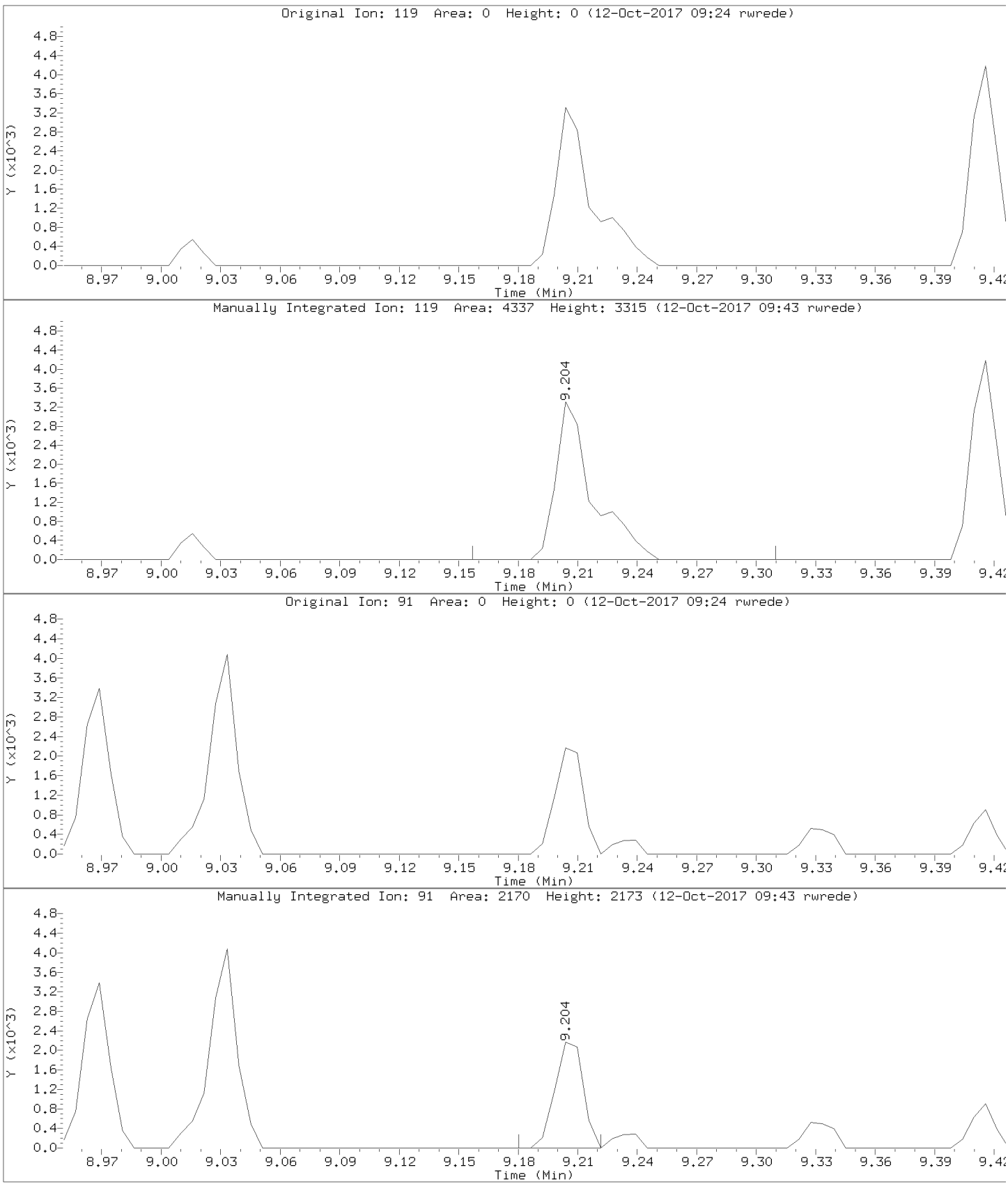
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: tert-Butylbenzene Review Code: NI
CAS Number: 98-06-6



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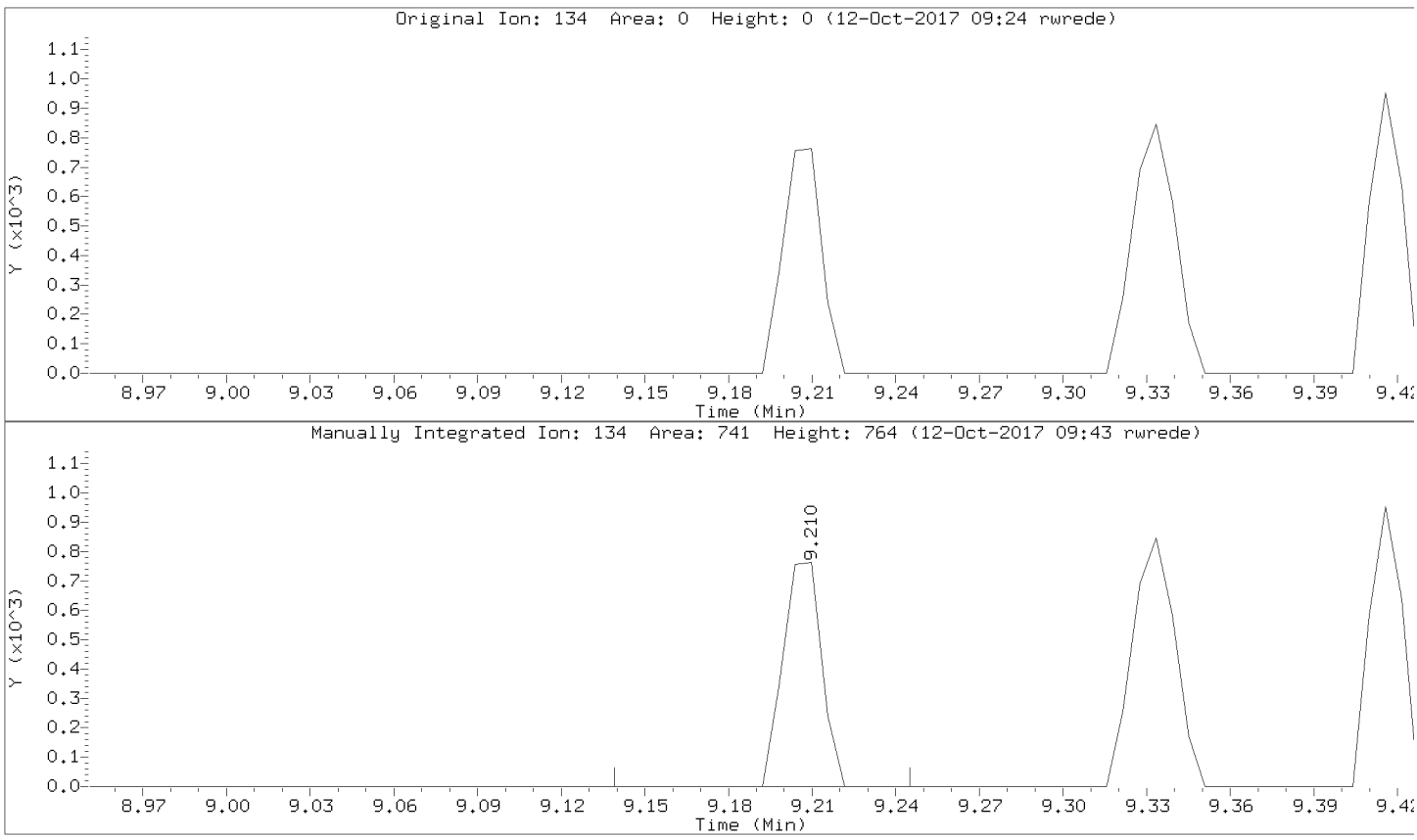
Lab Sample ID: 8260-CAL3



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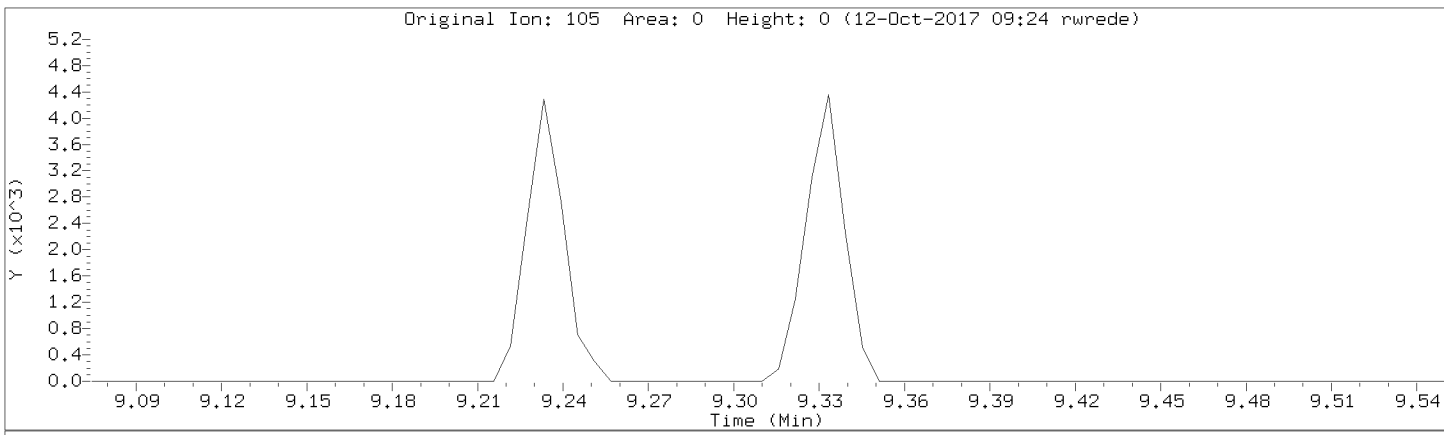
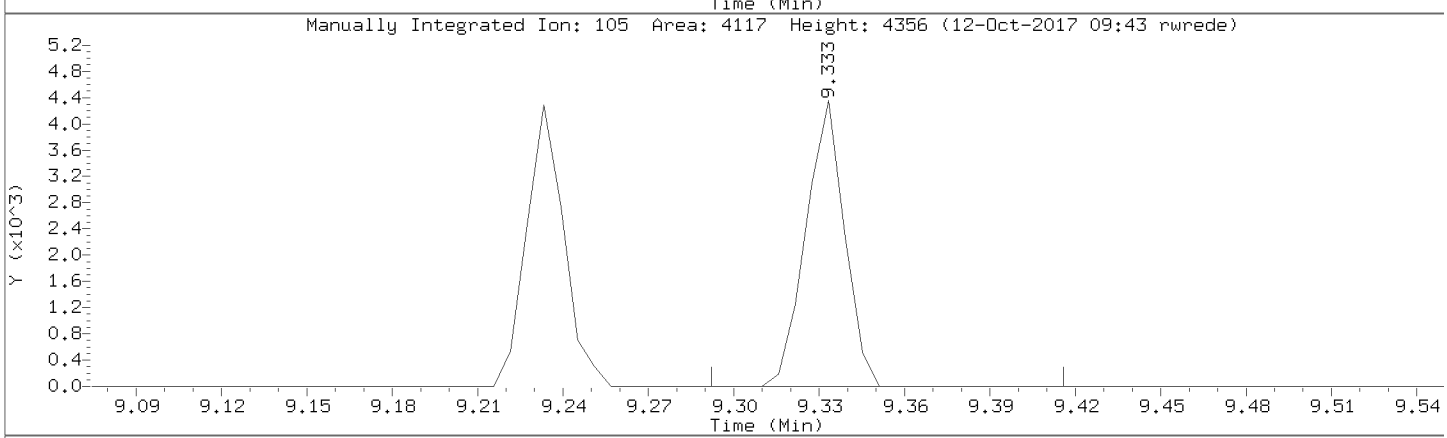
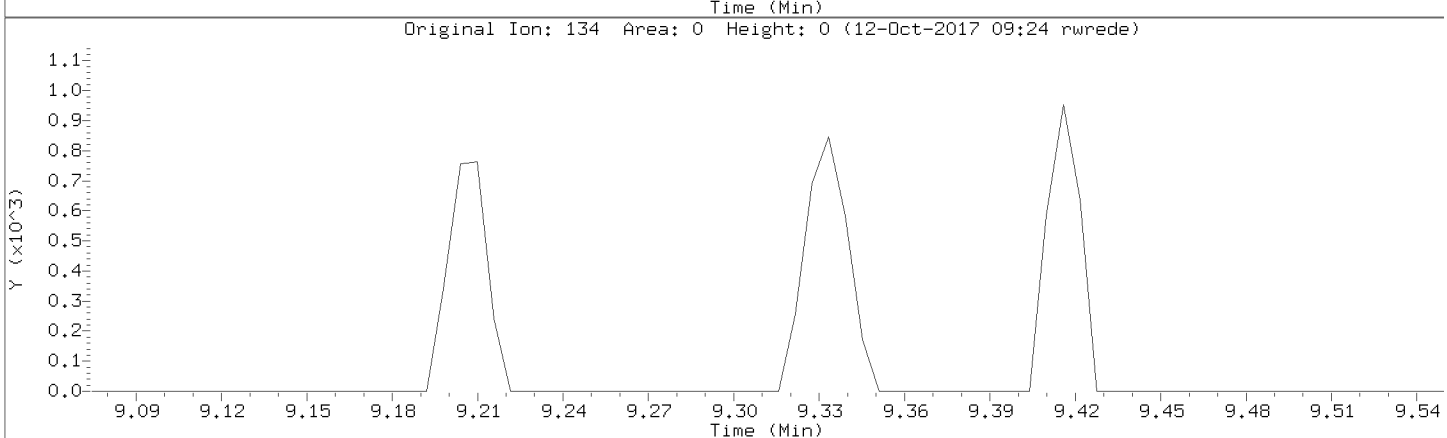
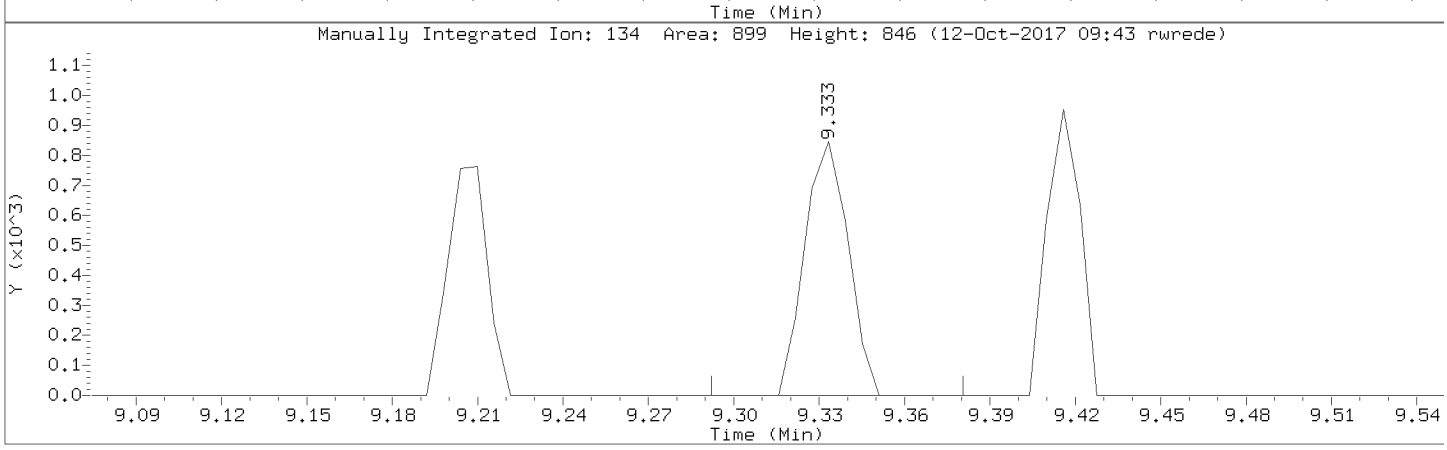
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: sec-Butylbenzene Review Code: NI
CAS Number: 135-98-8









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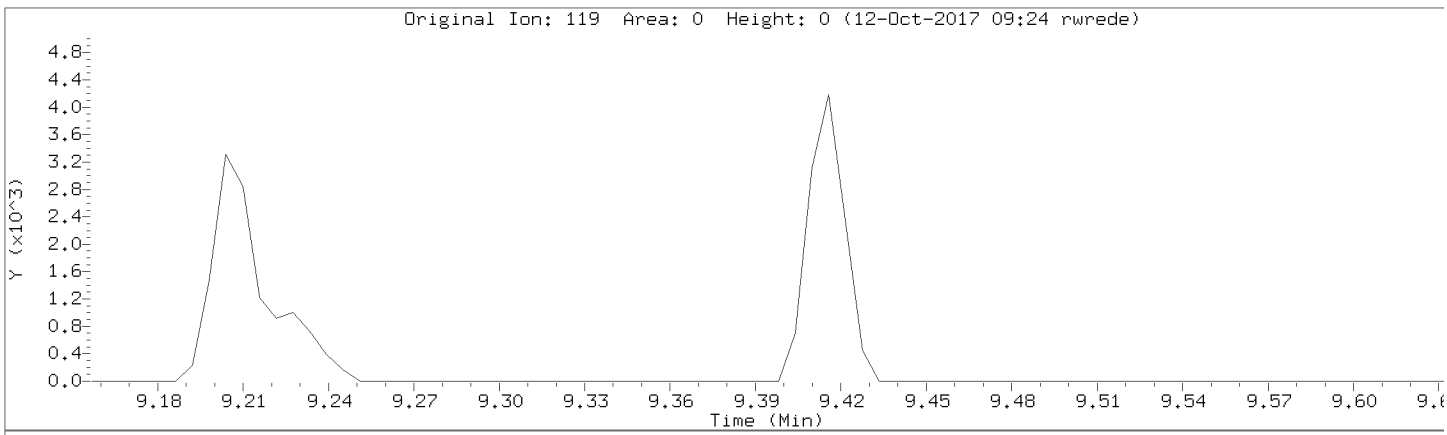
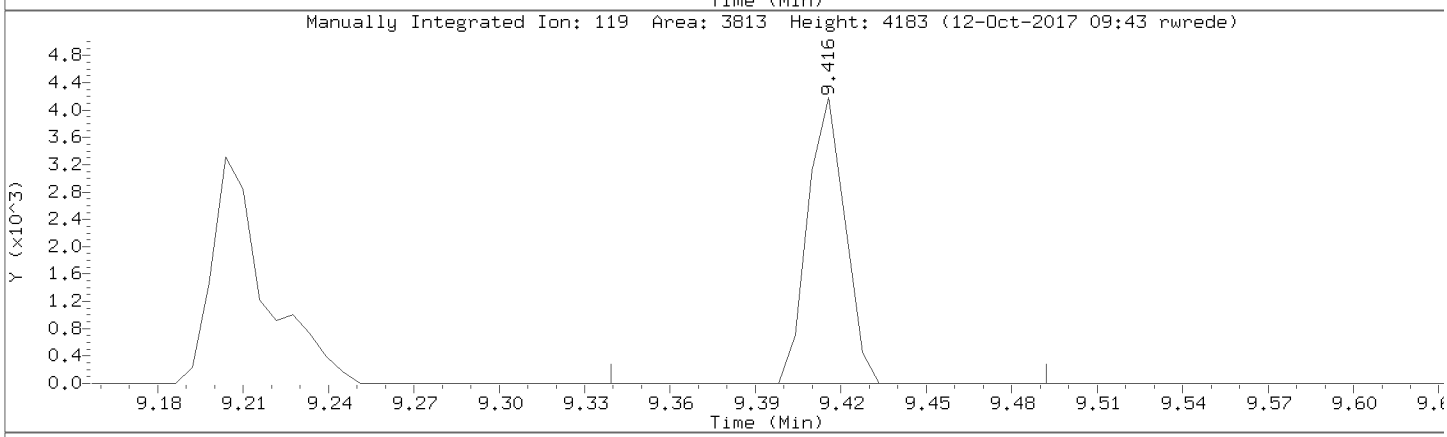
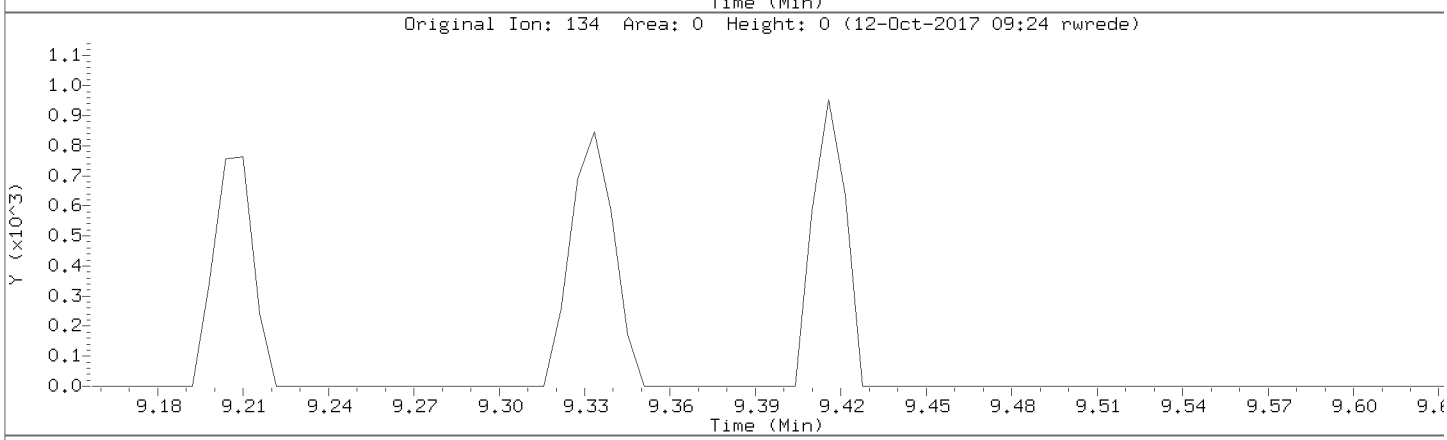
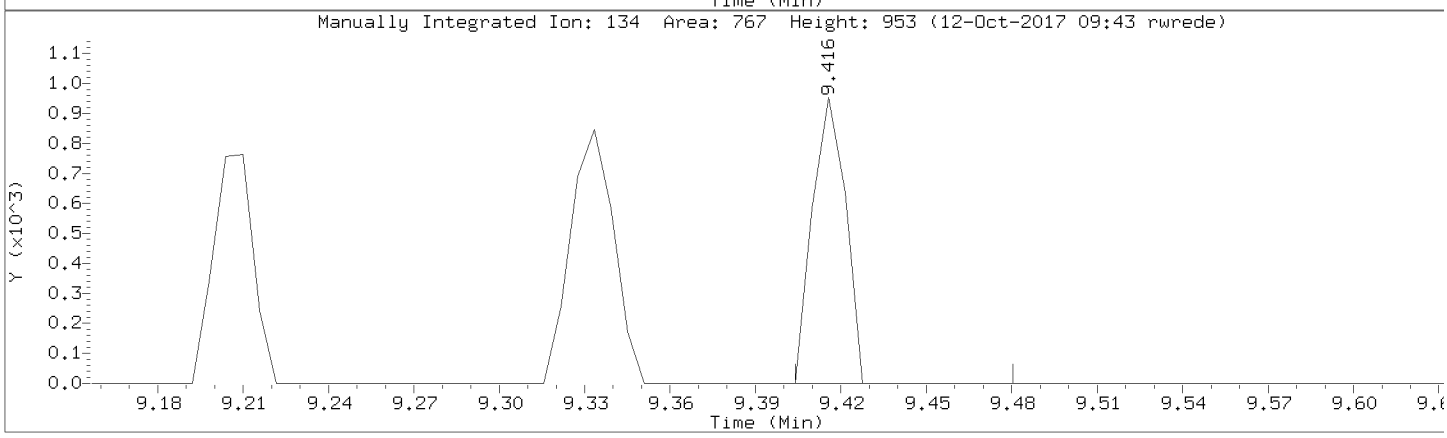
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: p-Isopropyltoluene Review Code: NI
CAS Number: 99-87-6









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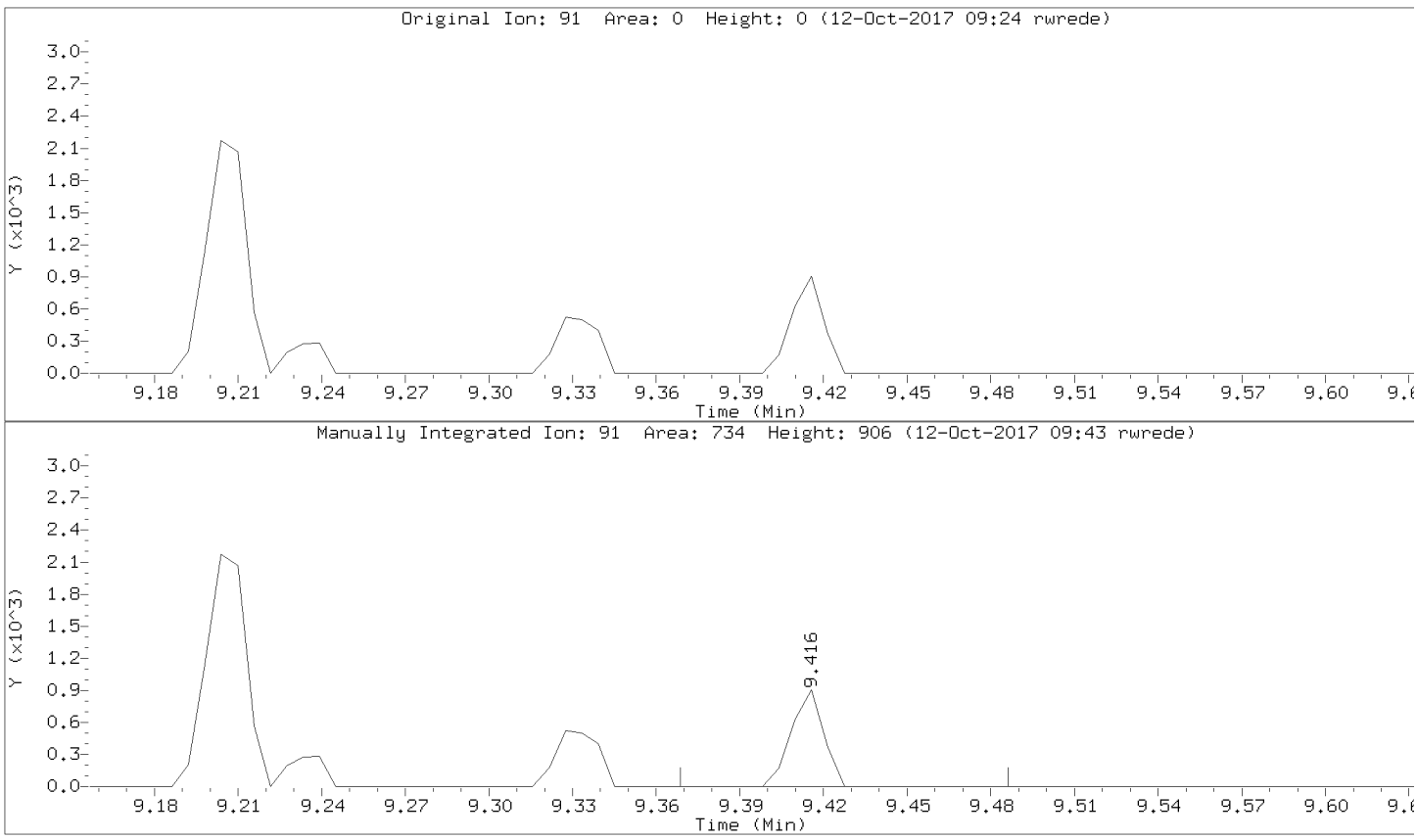
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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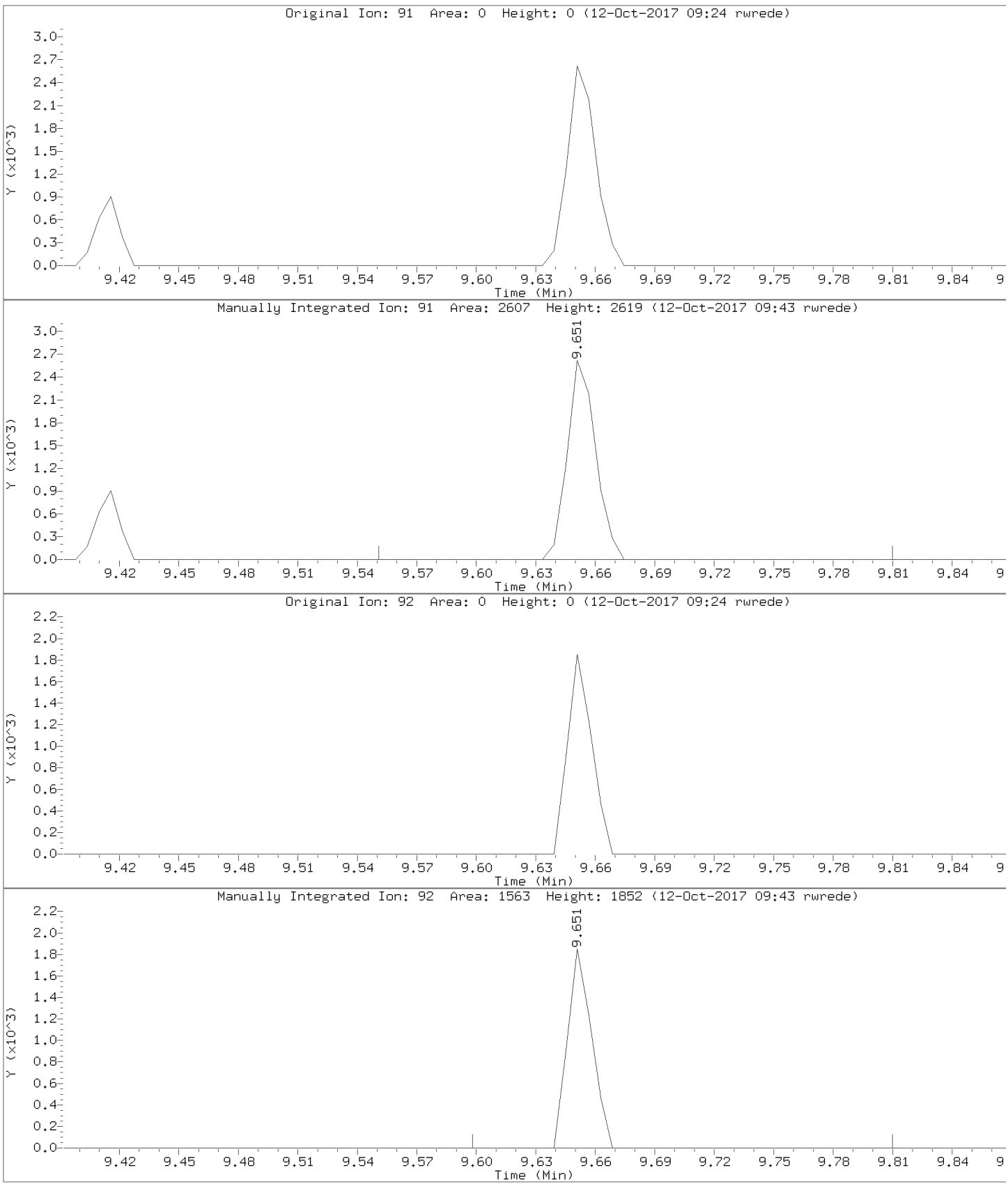
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: n-Butylbenzene Review Code:
CAS Number: 104-51-8



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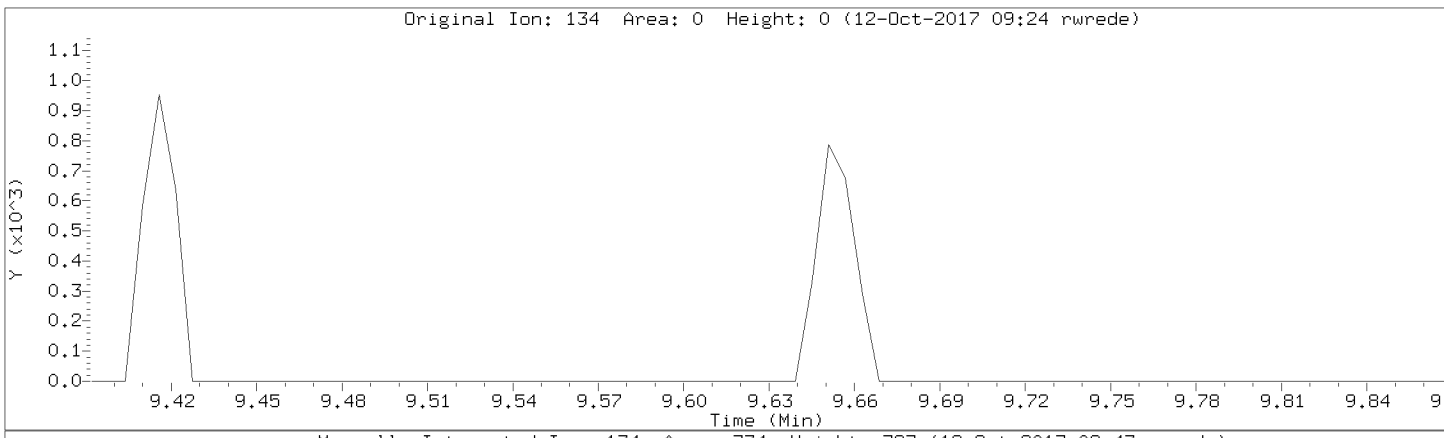
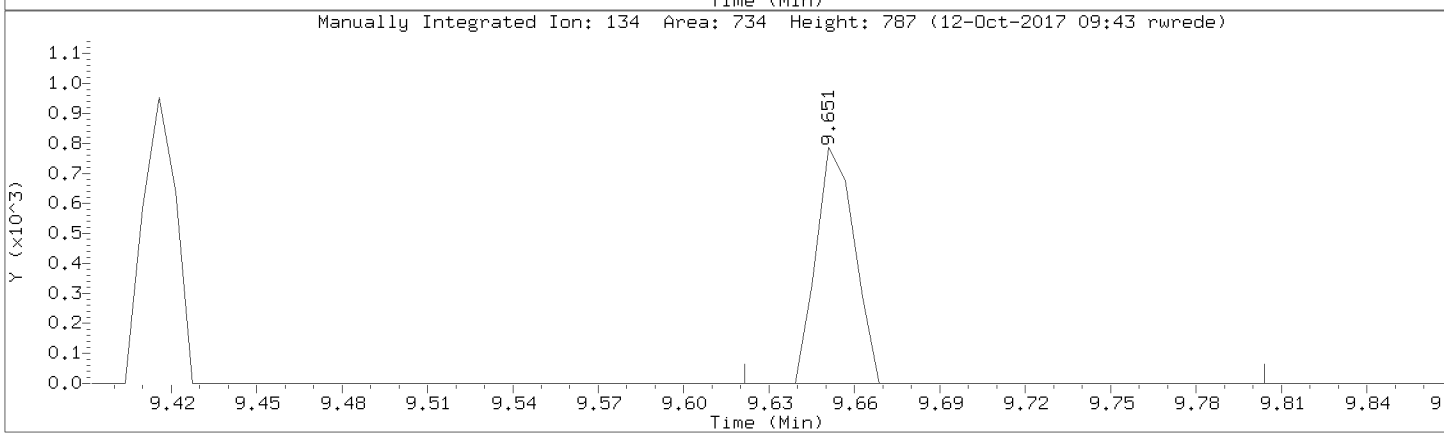
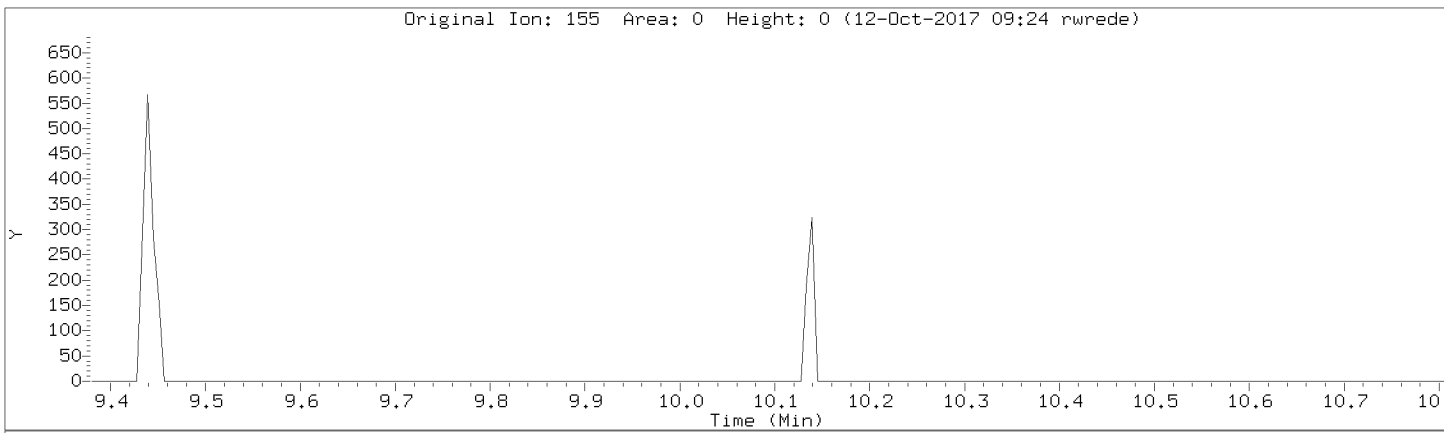
Lab Sample ID: 8260-CAL3

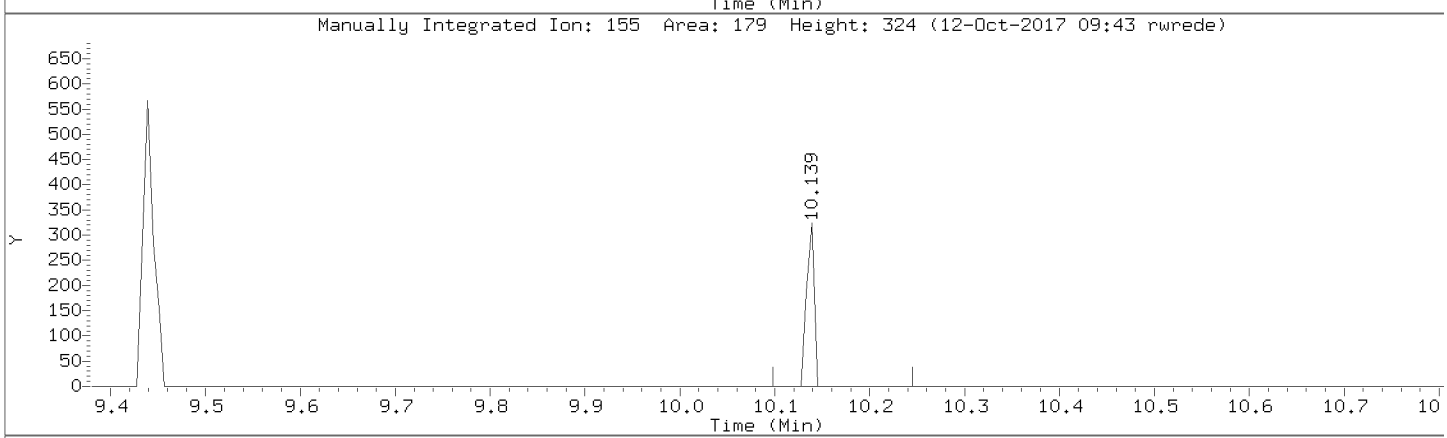


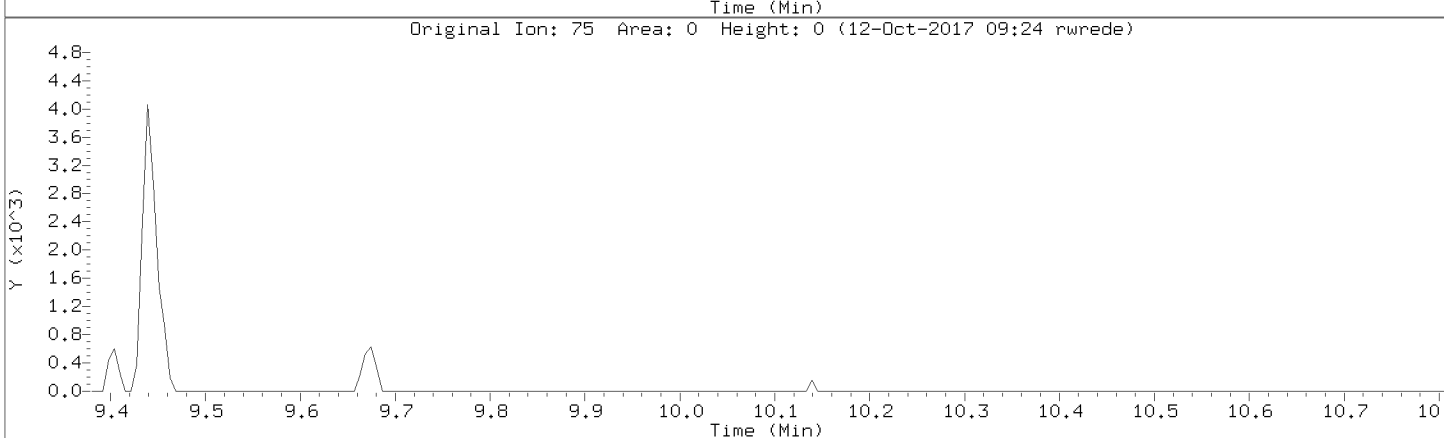


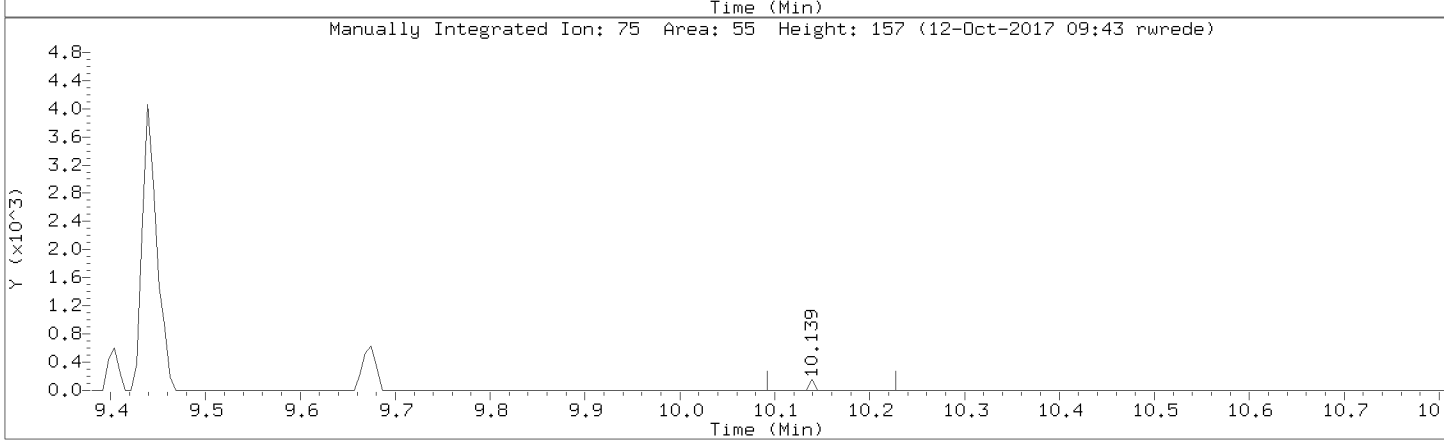
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,2-Dibromo-3-chloropropane Review Code: NI
CAS Number: 96-12-8

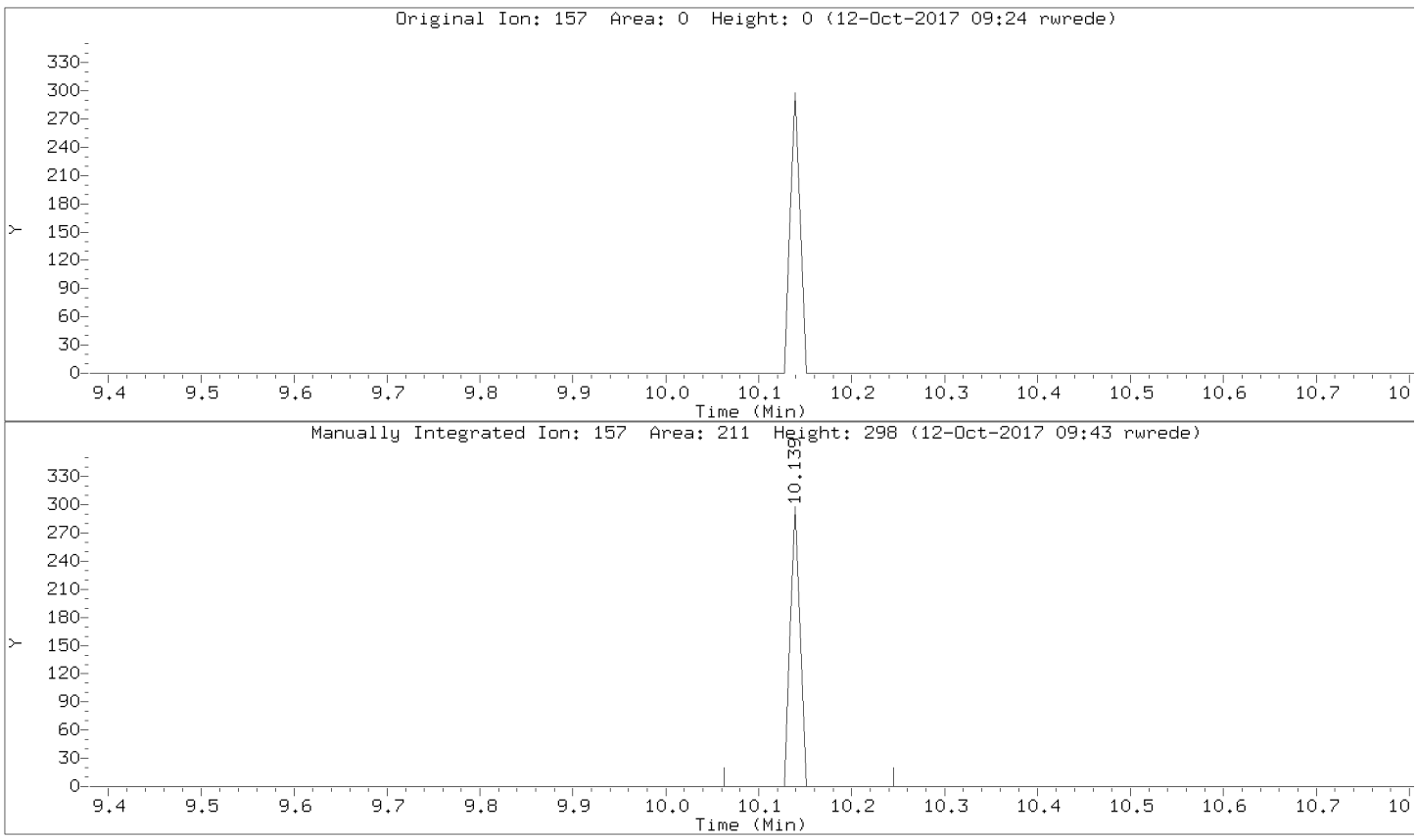






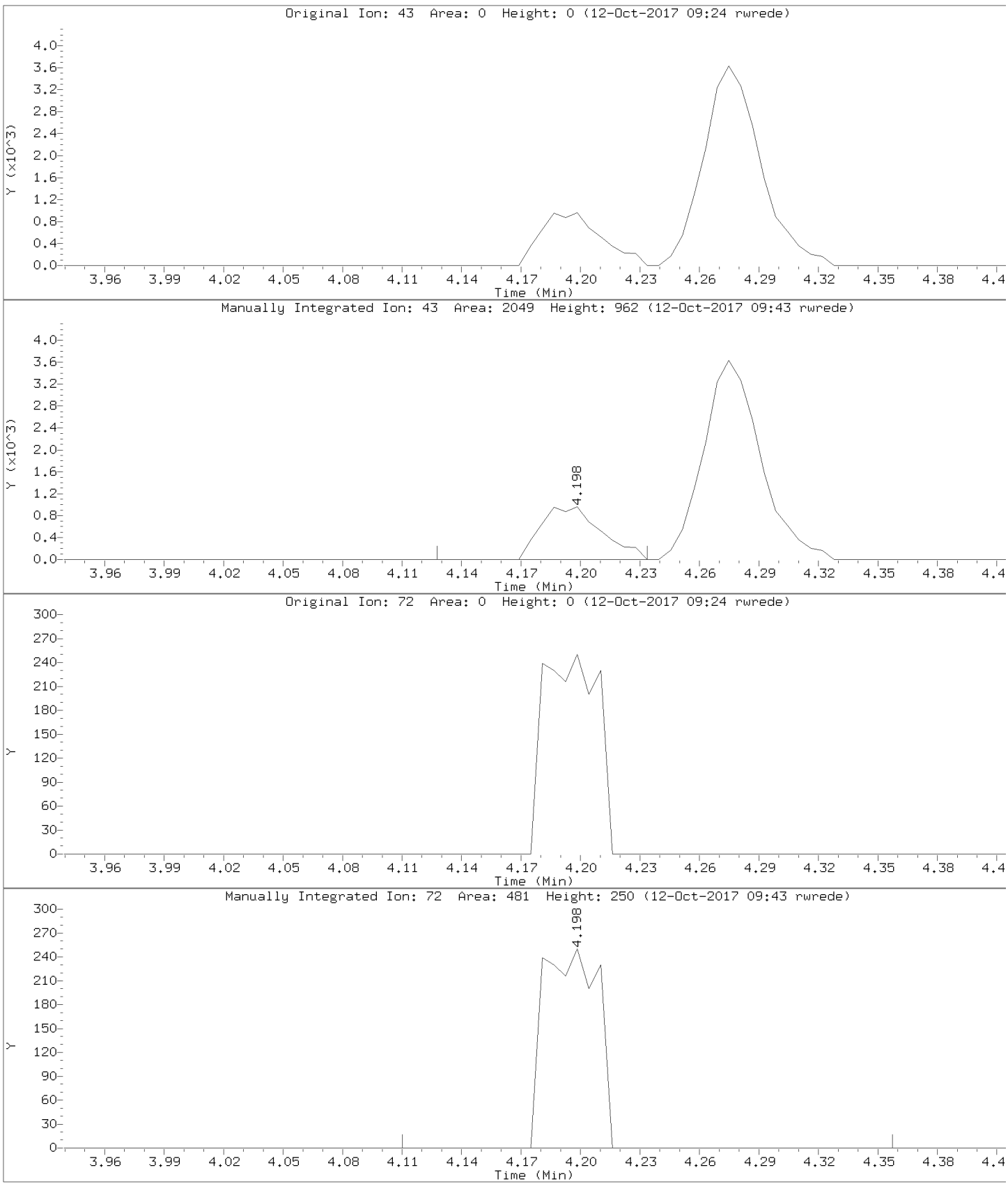


Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 2-Butanone Review Code: NI
CAS Number: 78-93-3



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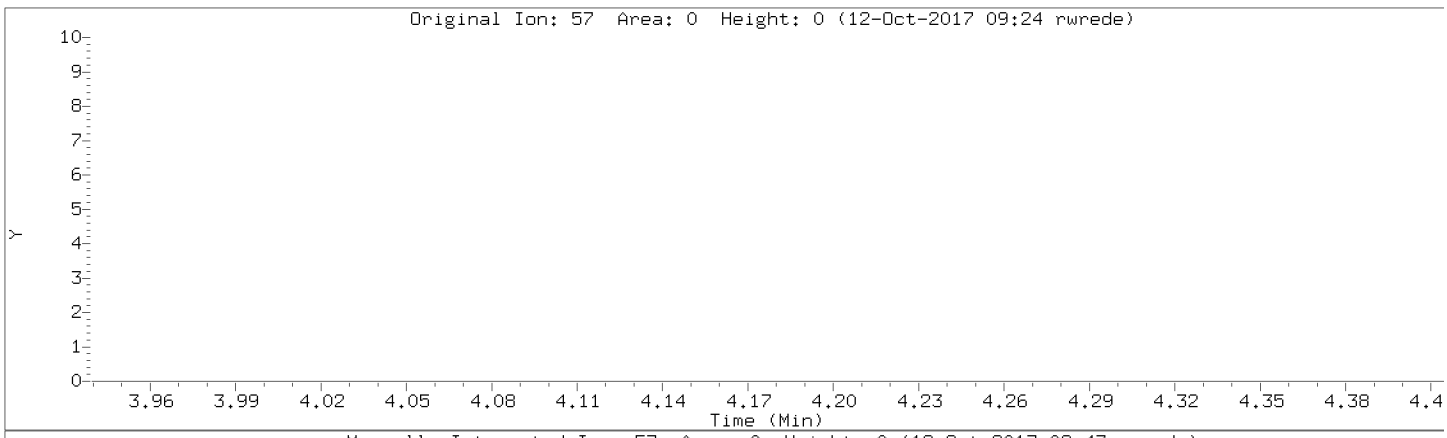
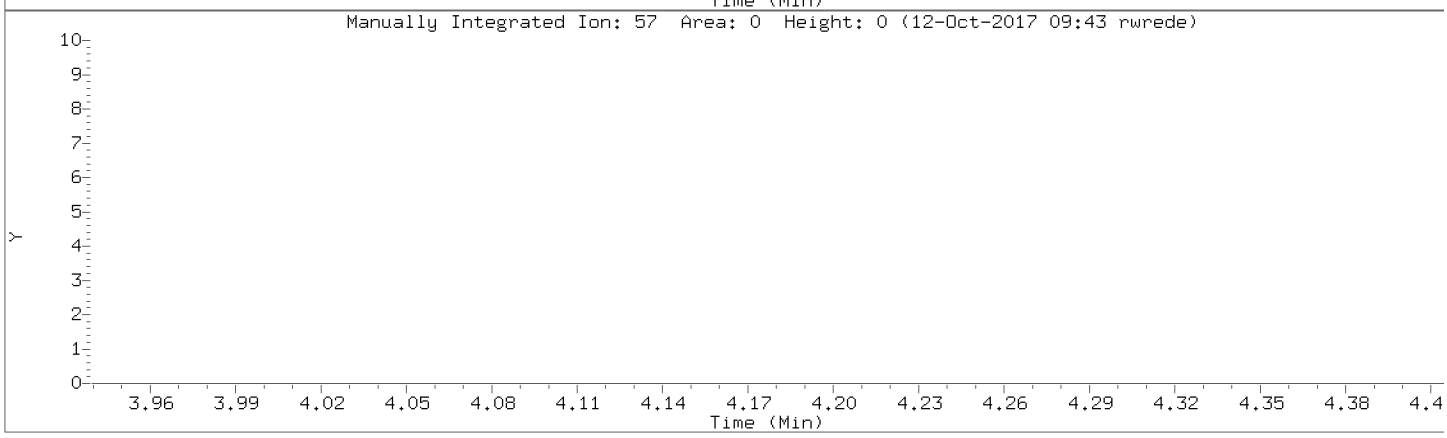
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3





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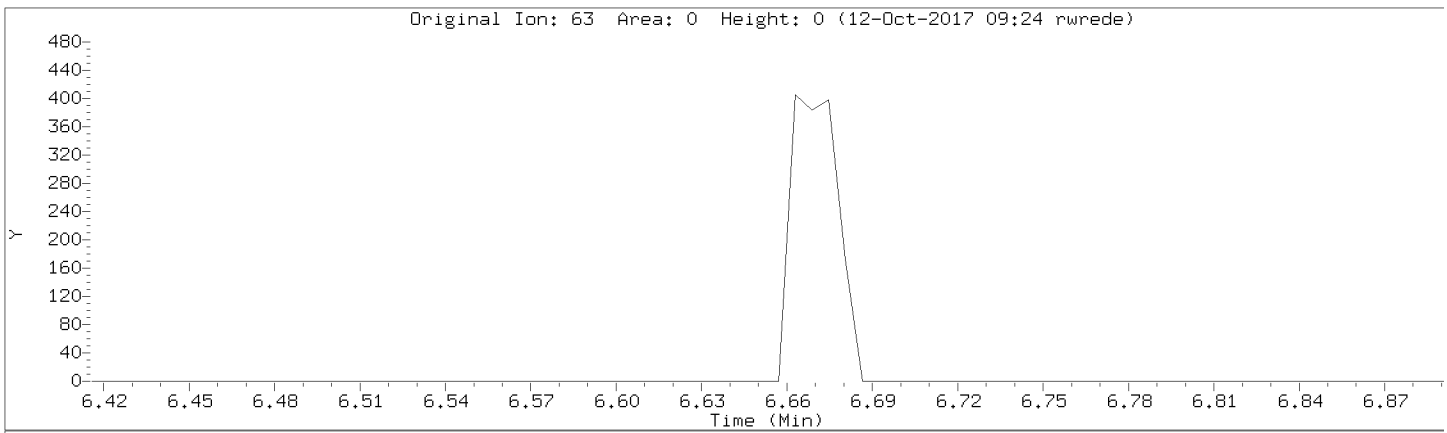
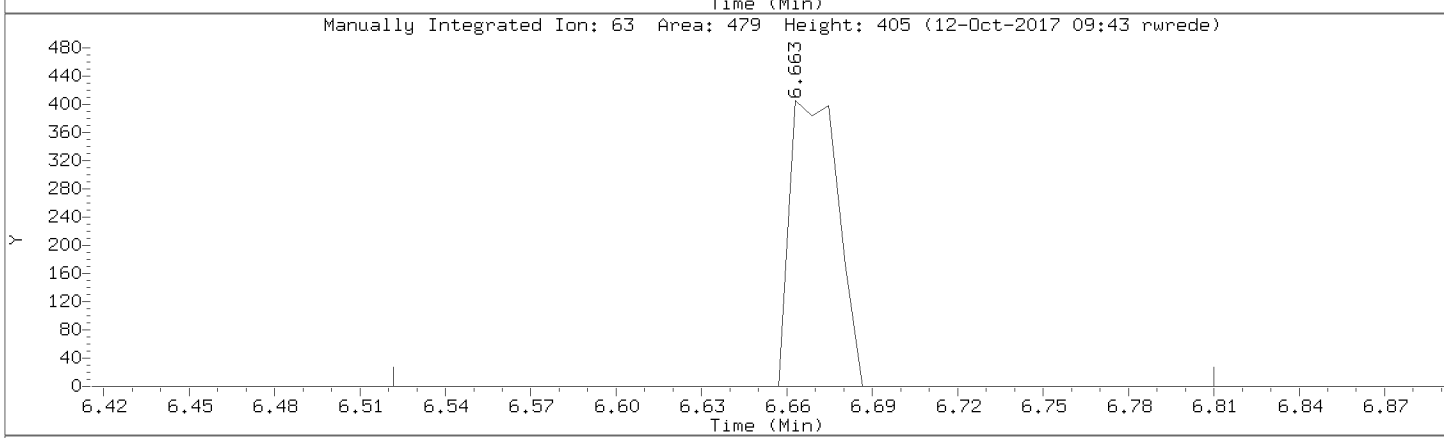
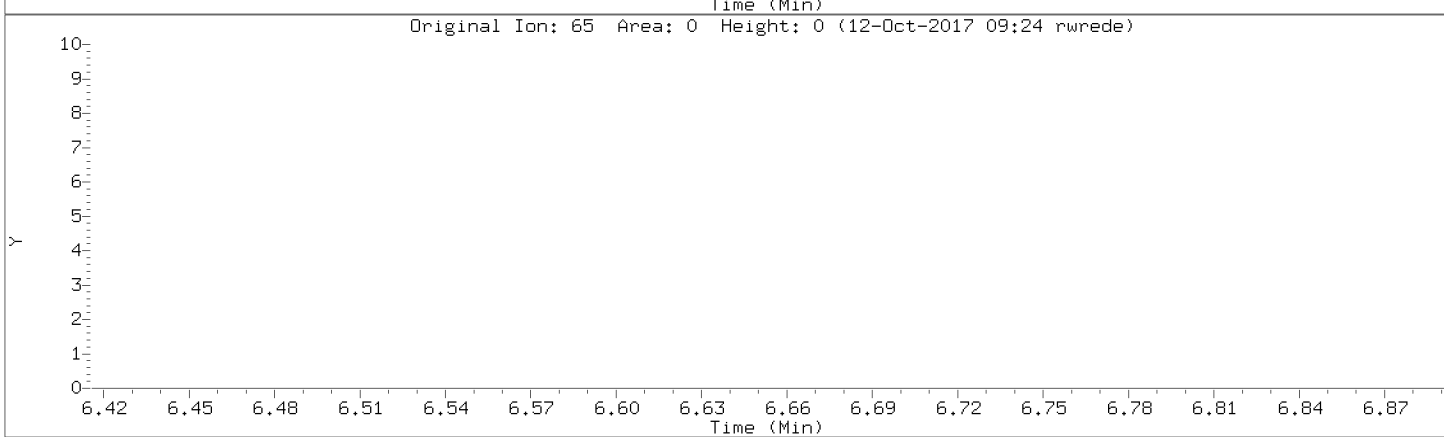
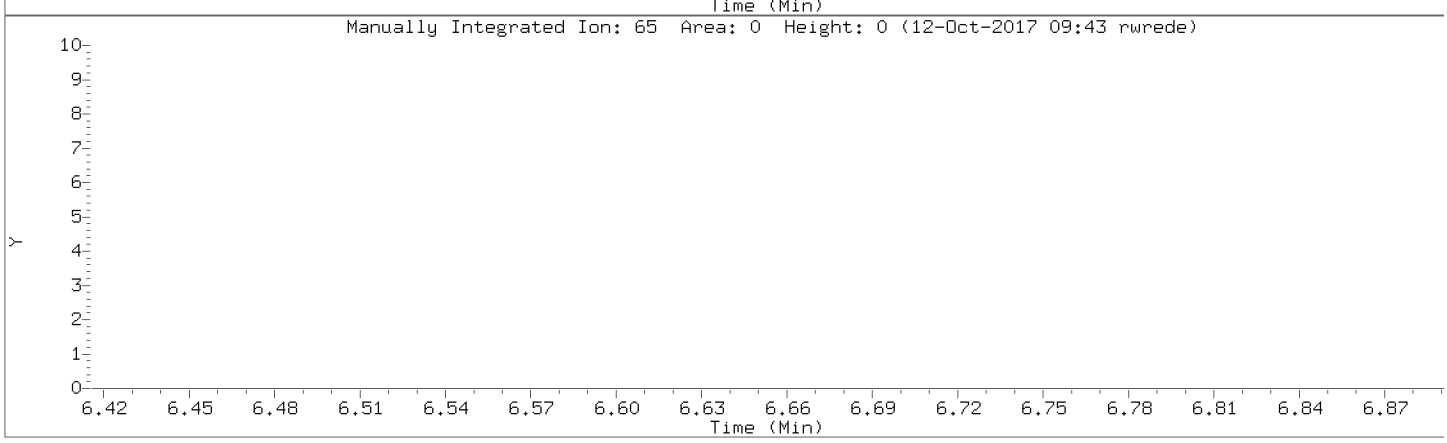
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 2-Chloroethyl vinyl ether Review Code: NI
CAS Number: 110-75-8









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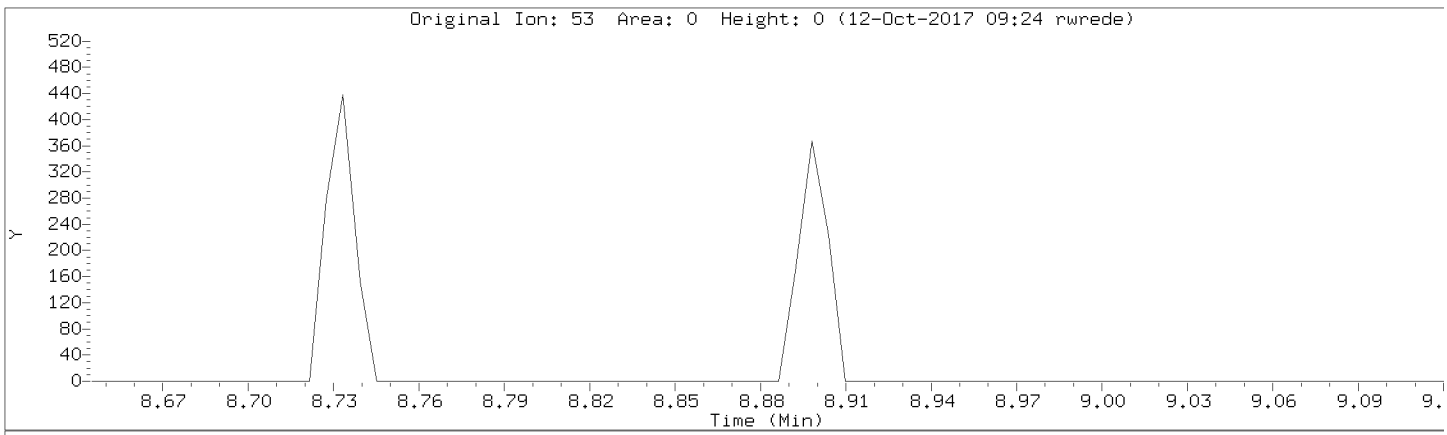
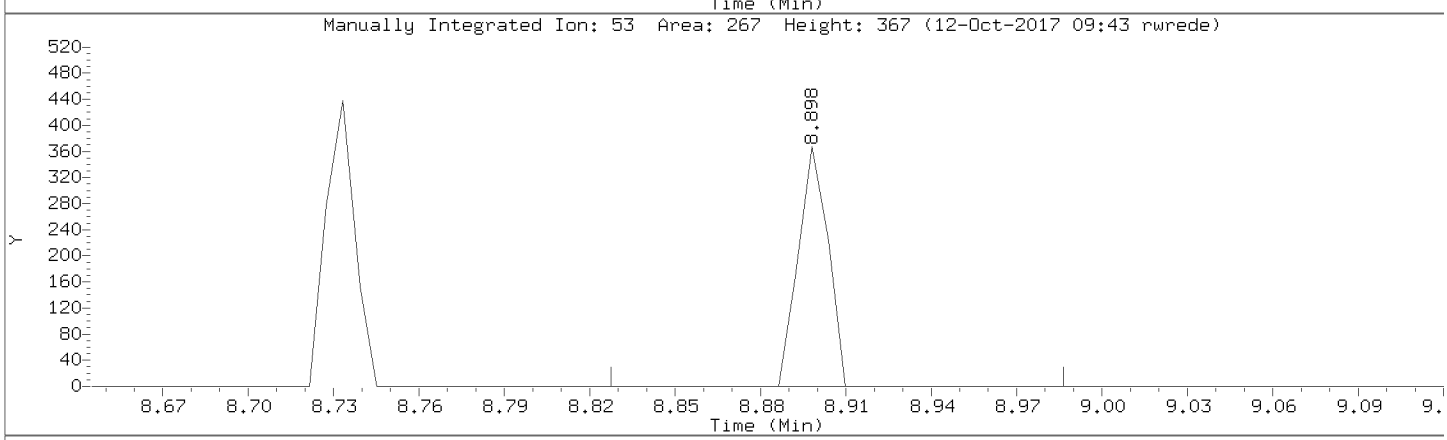
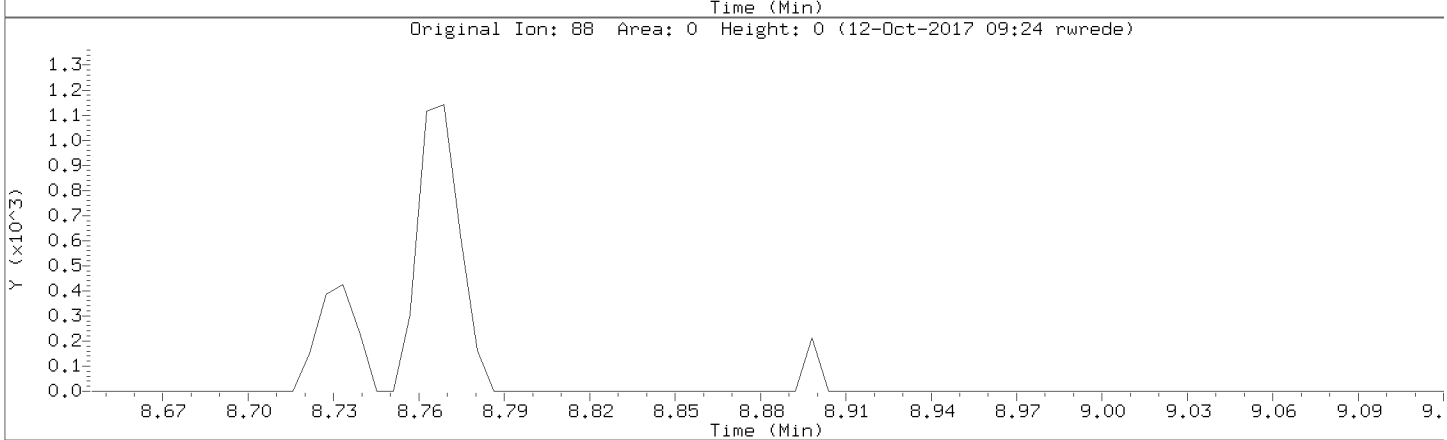
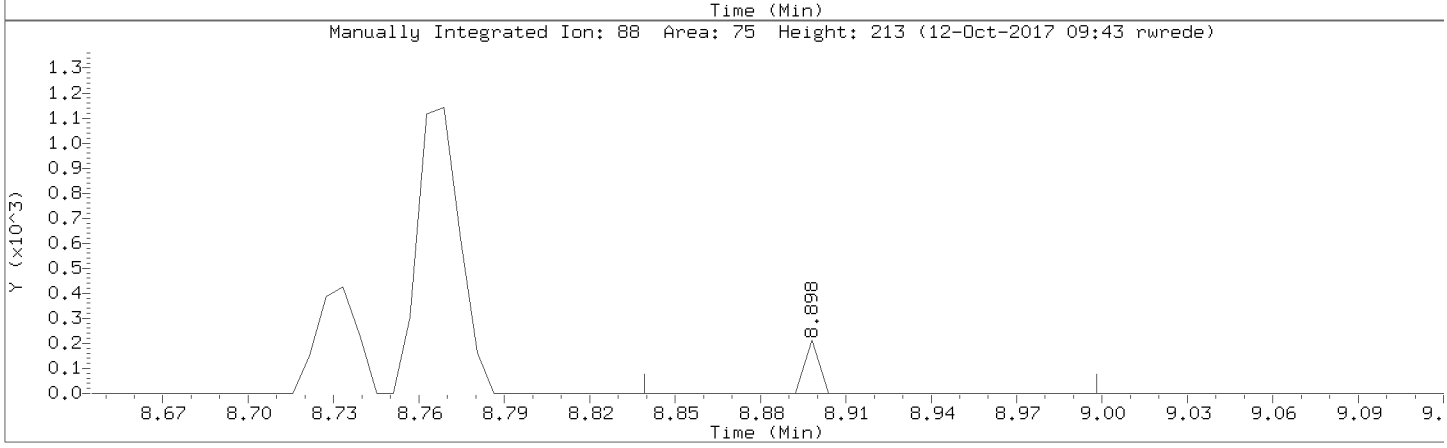
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: trans-1,4-Dichloro-2-butene Review Code: NI
CAS Number:









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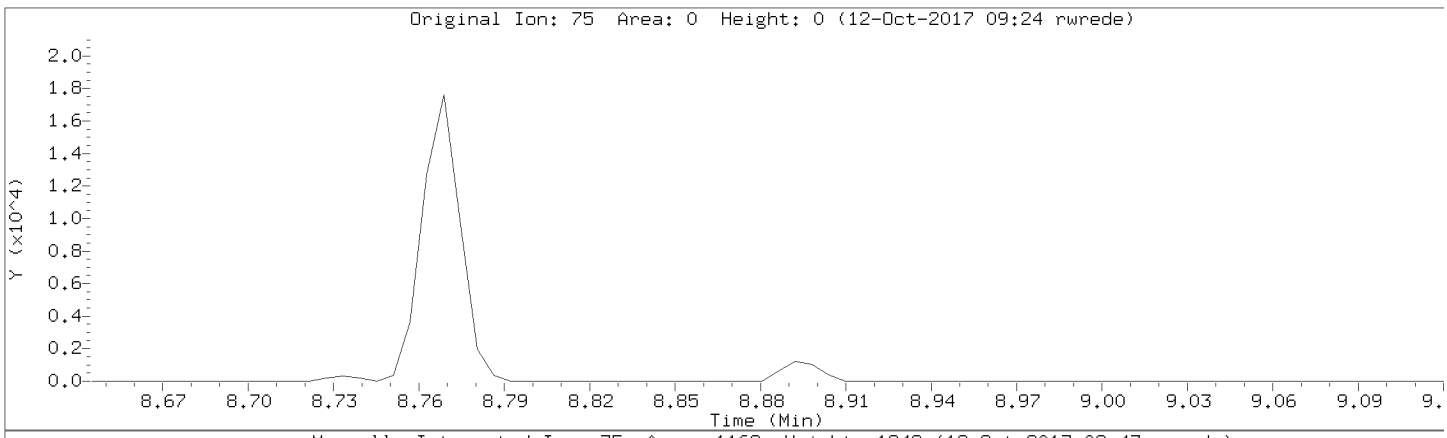
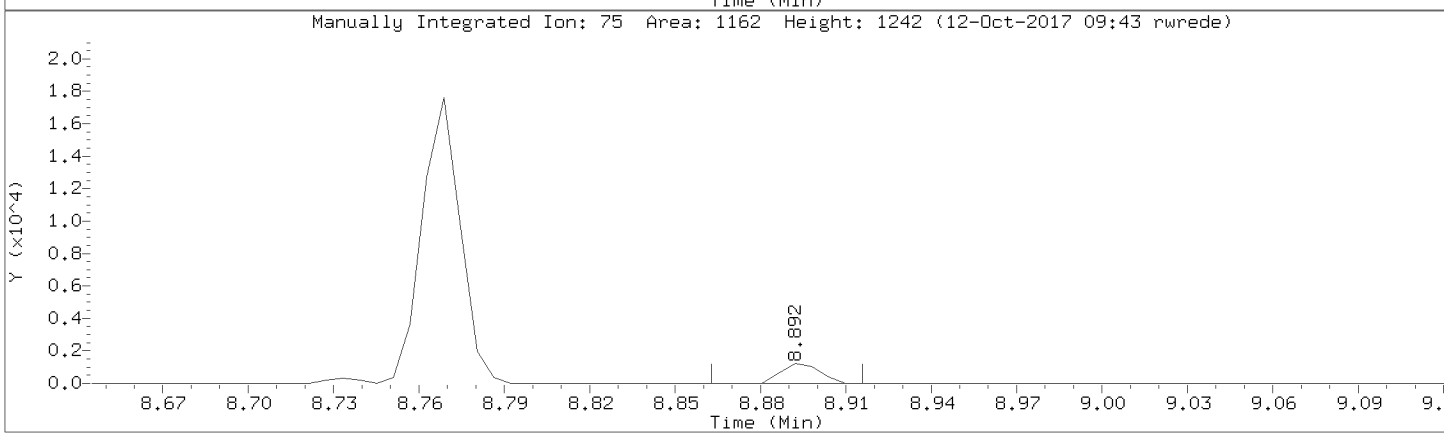
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3





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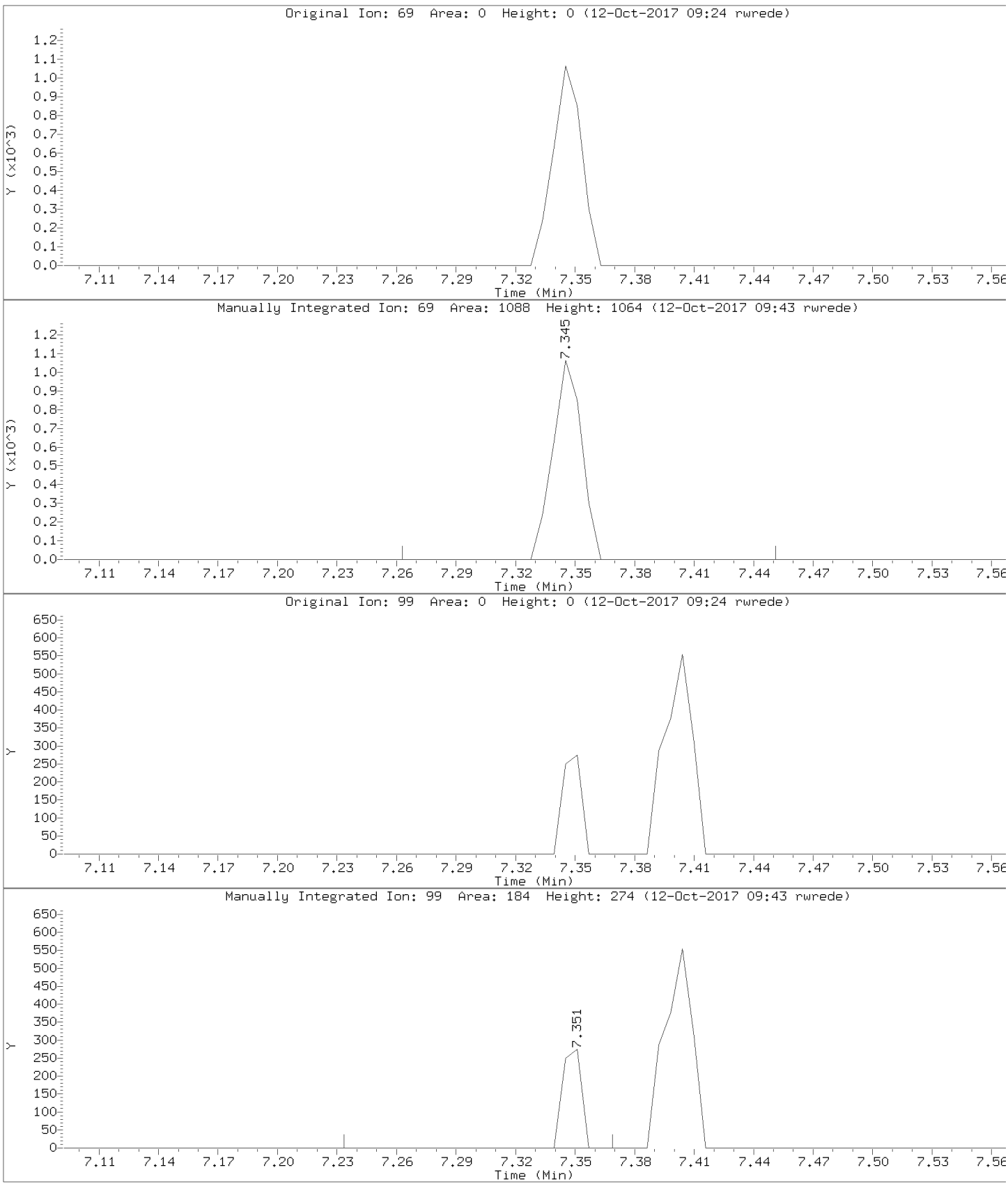
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:



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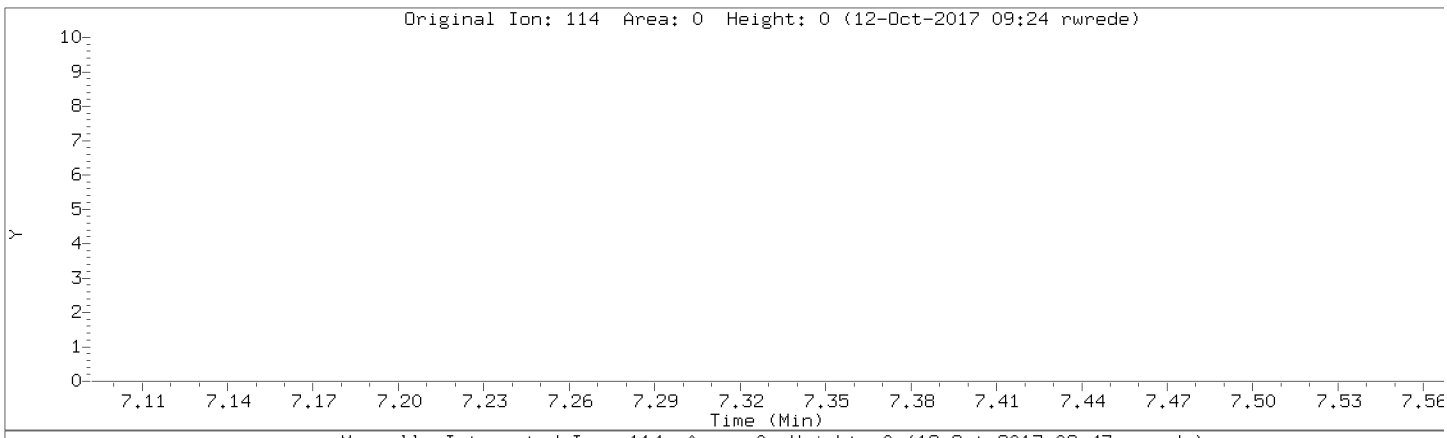
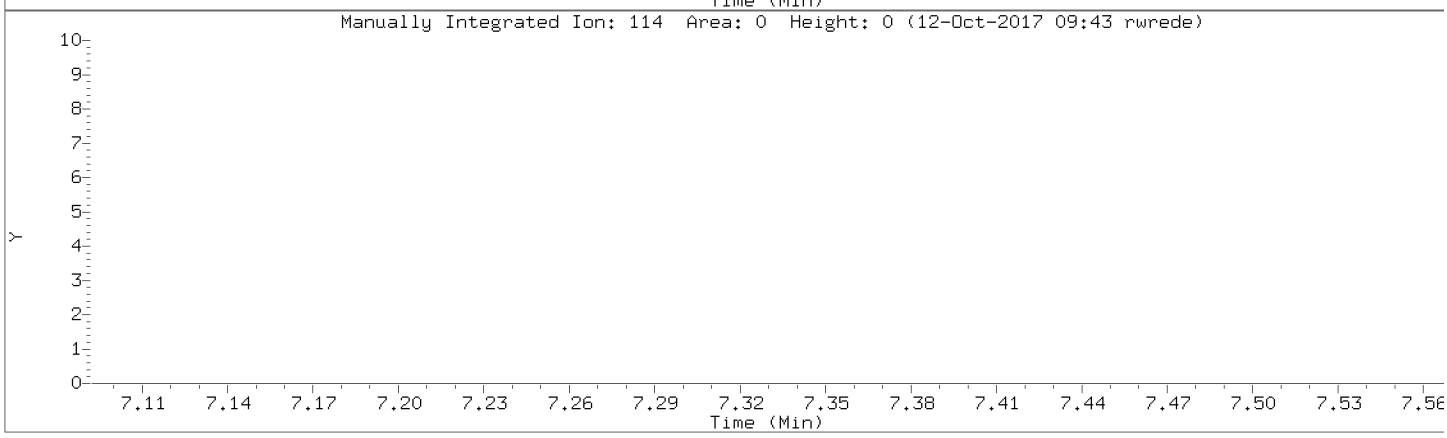
Lab Sample ID: 8260-CAL3





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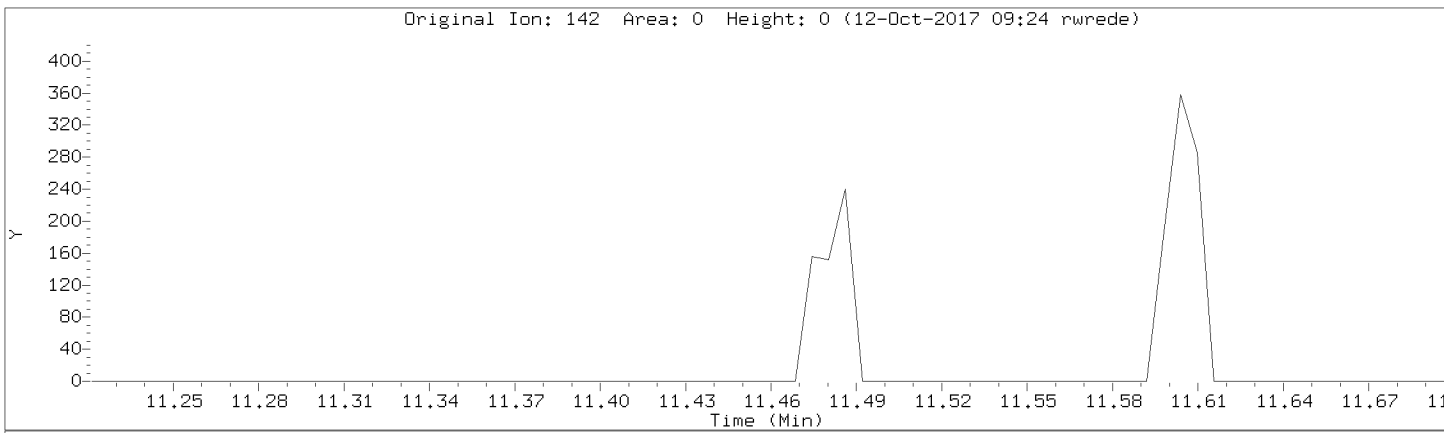
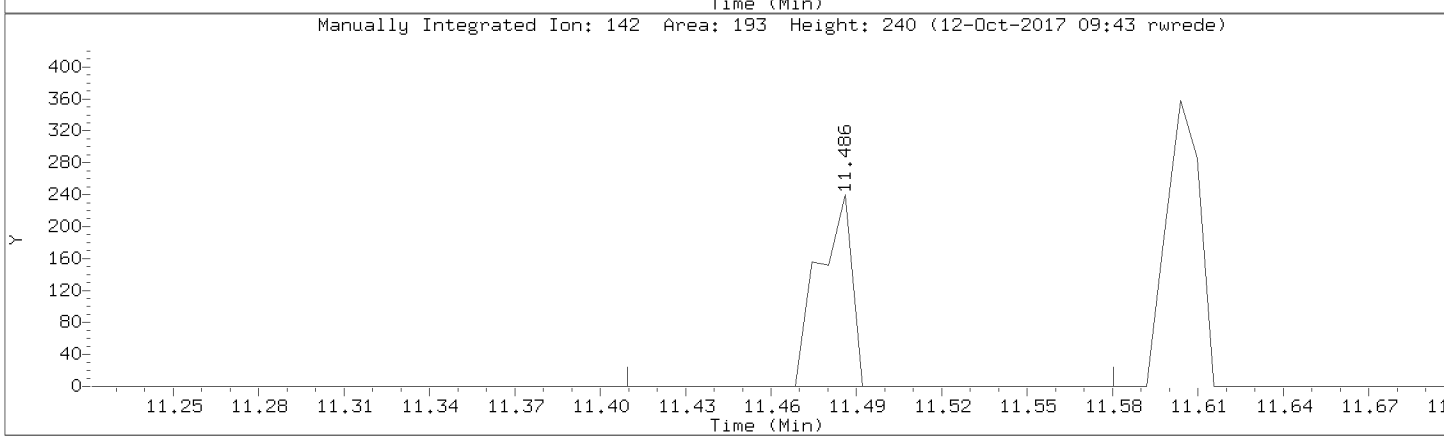
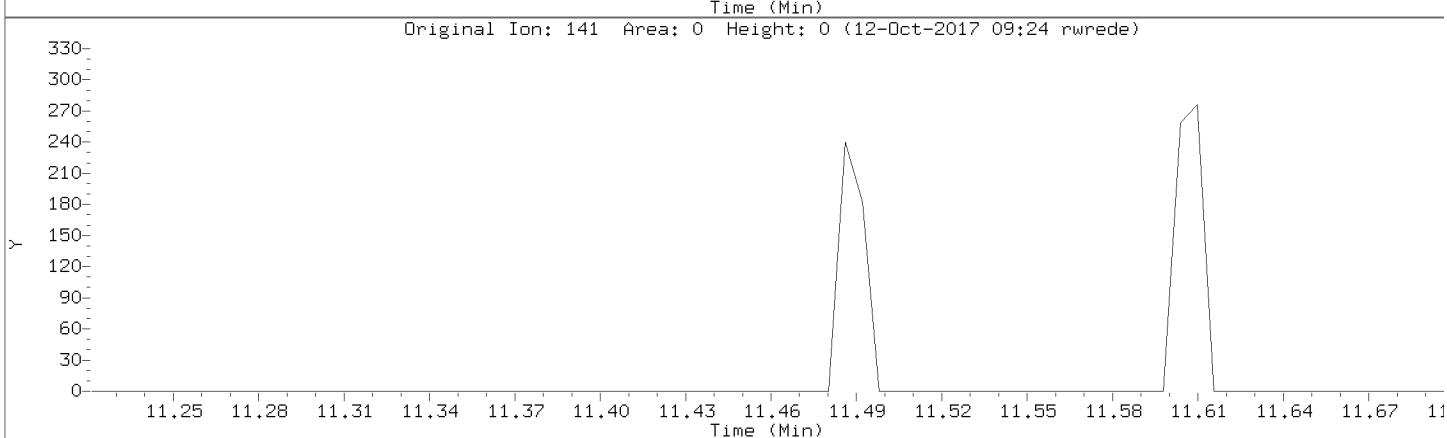
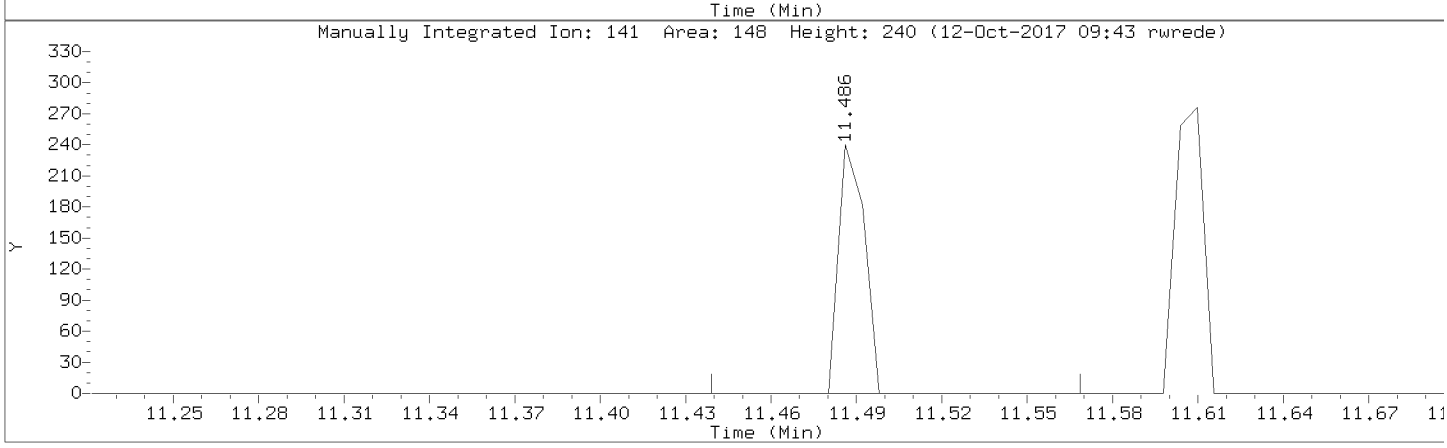
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 2,methyl-naphthalene Review Code: NI
CAS Number:









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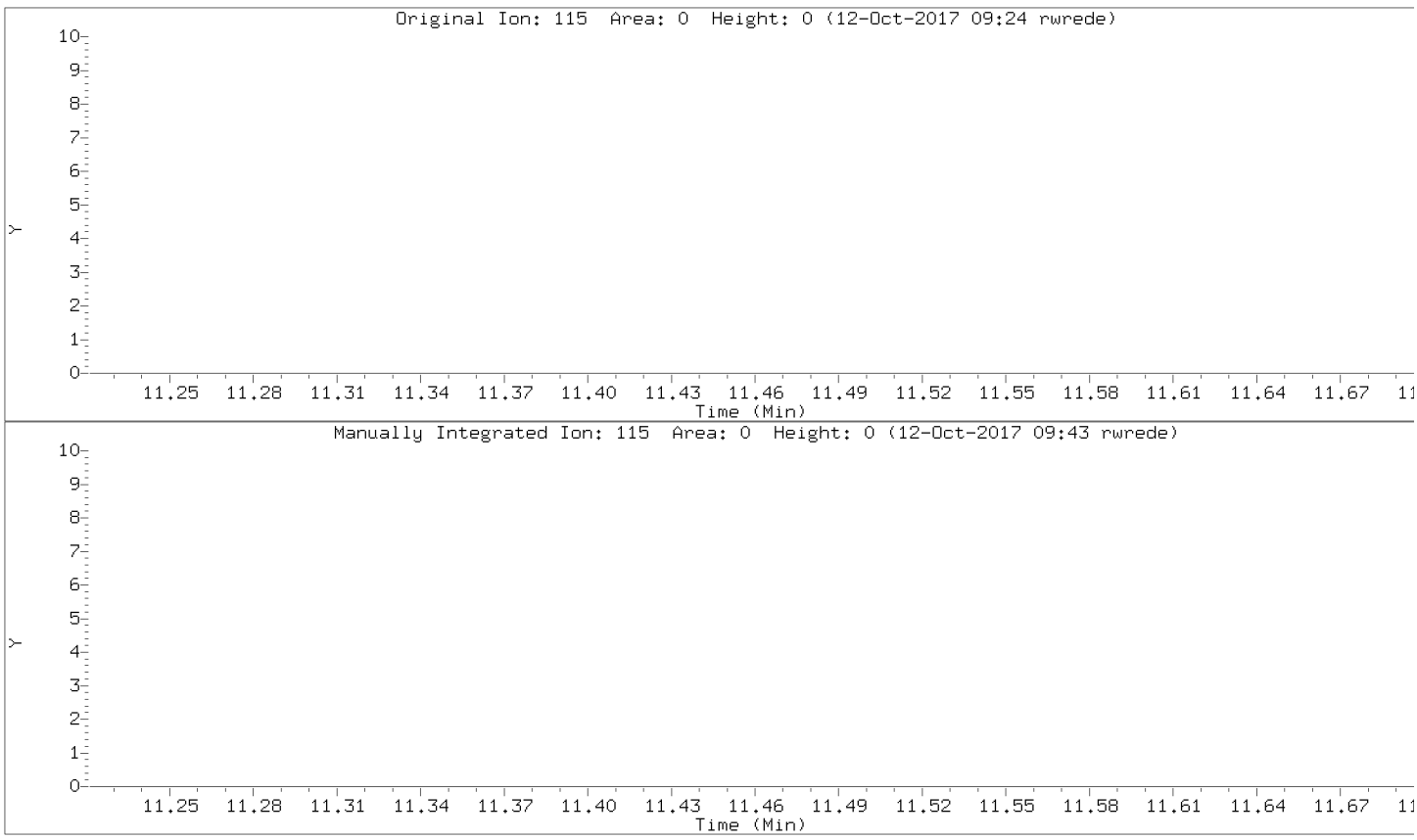
Lab Sample ID: 8260-CAL3



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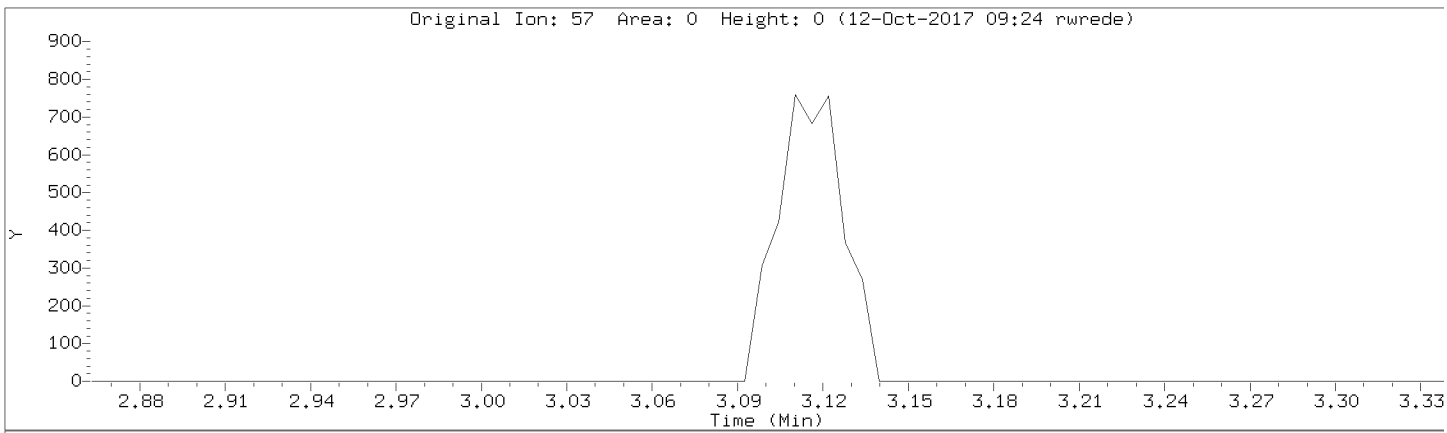
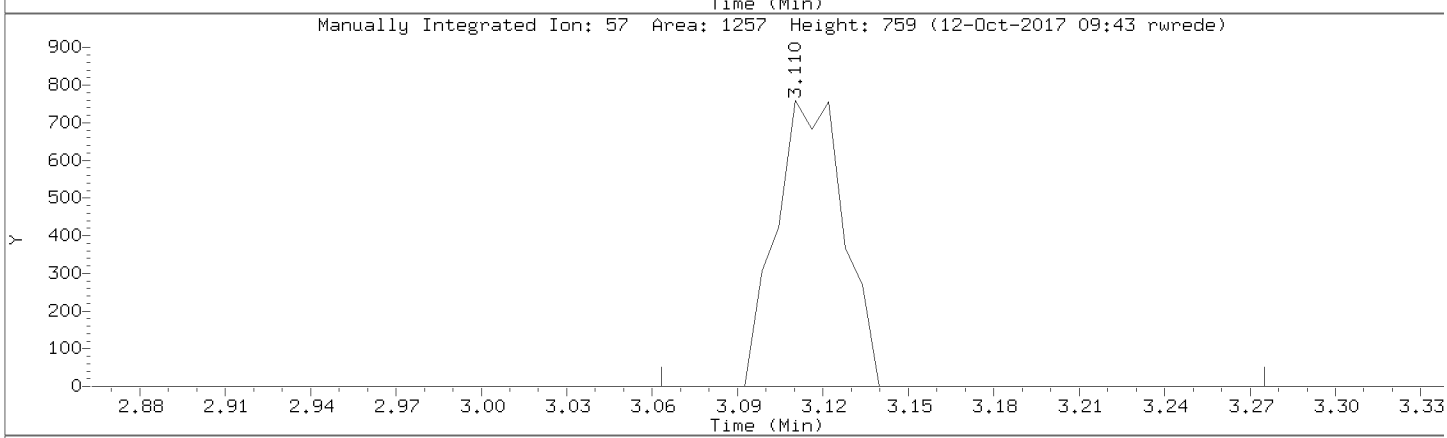
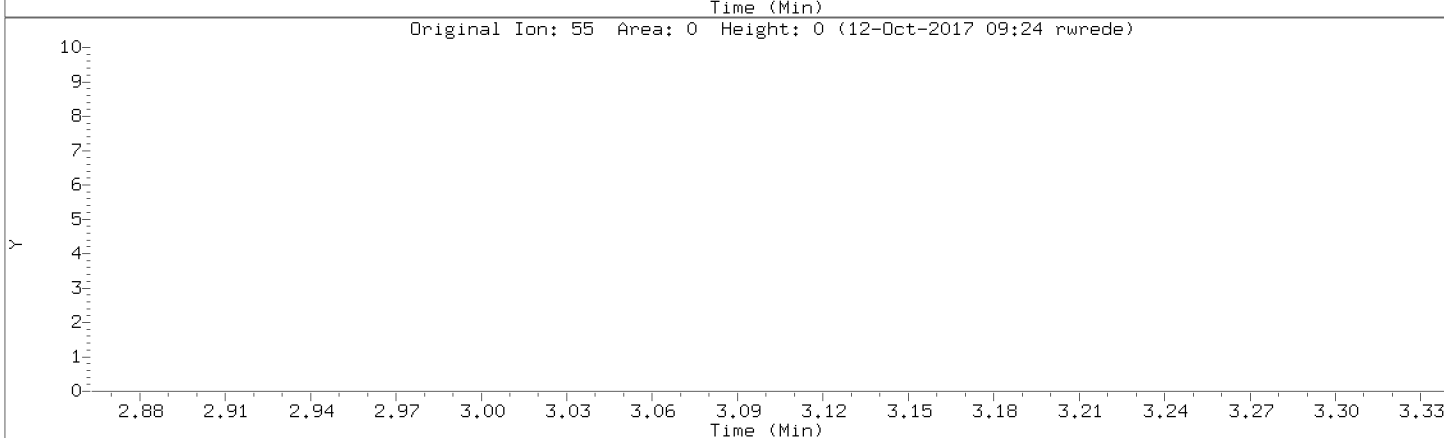
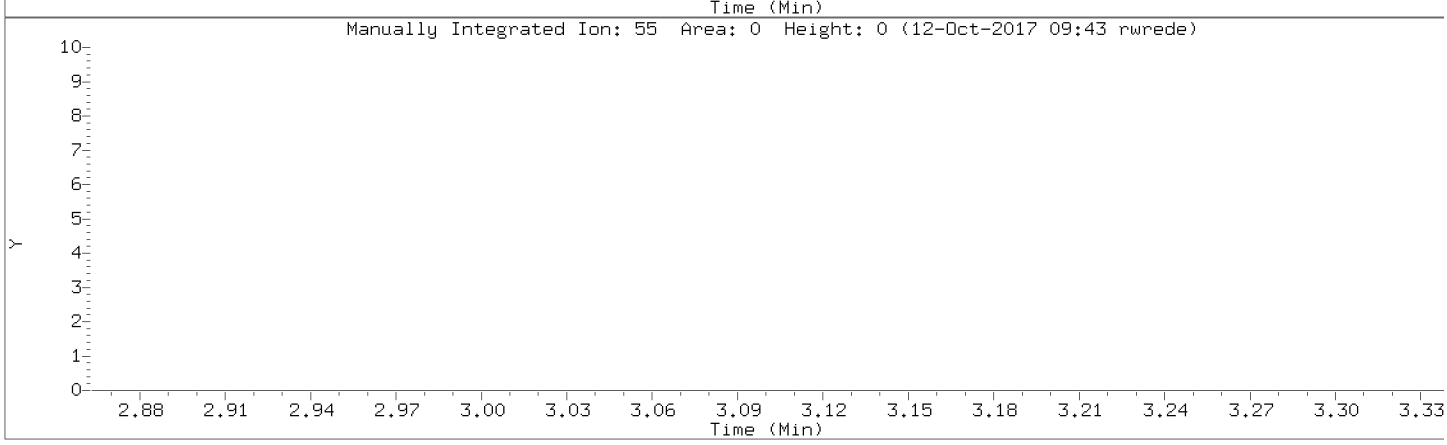
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: n-Hexane Review Code: NI
CAS Number:









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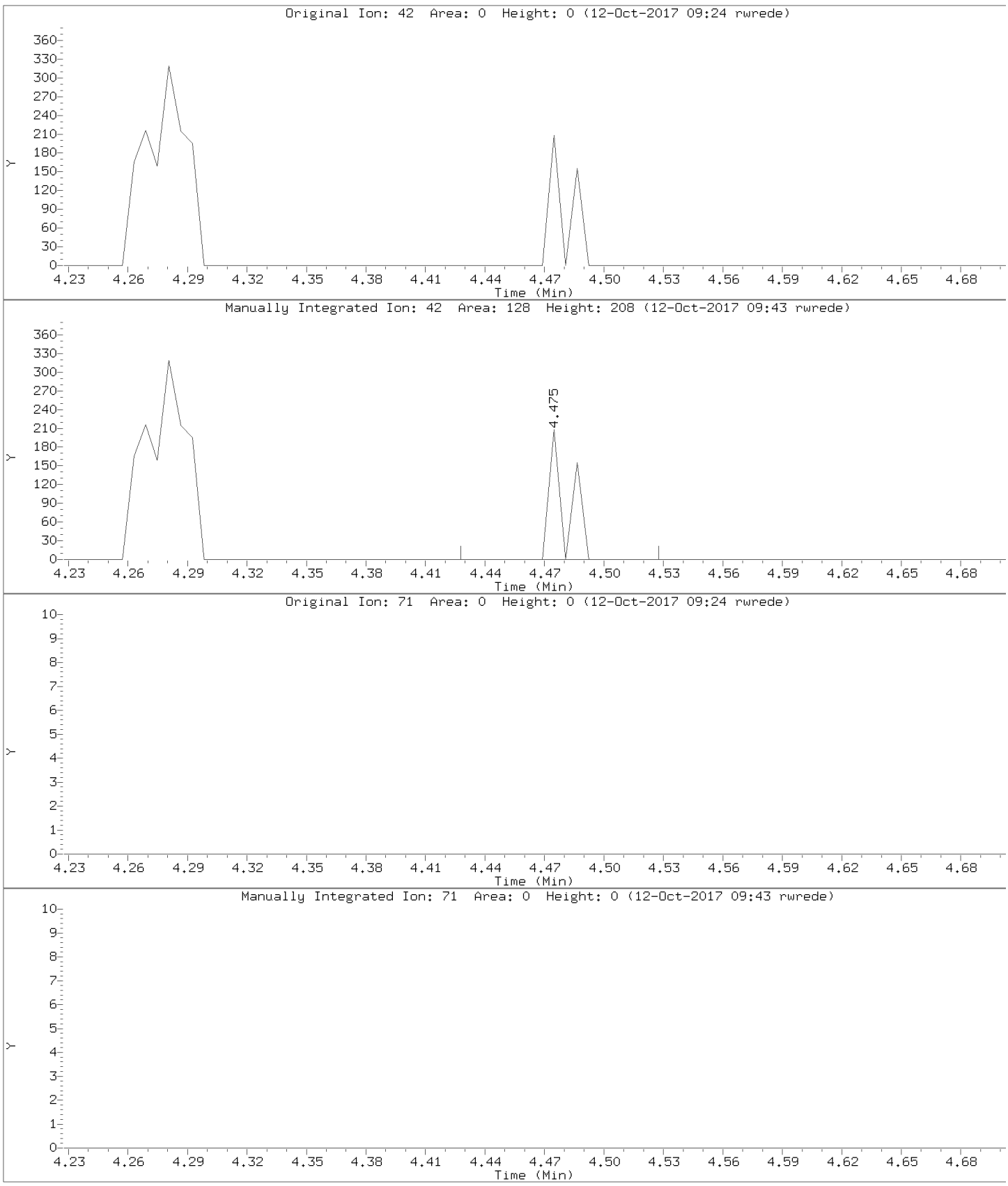
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Tetrahydrofuran Review Code: NI
CAS Number:



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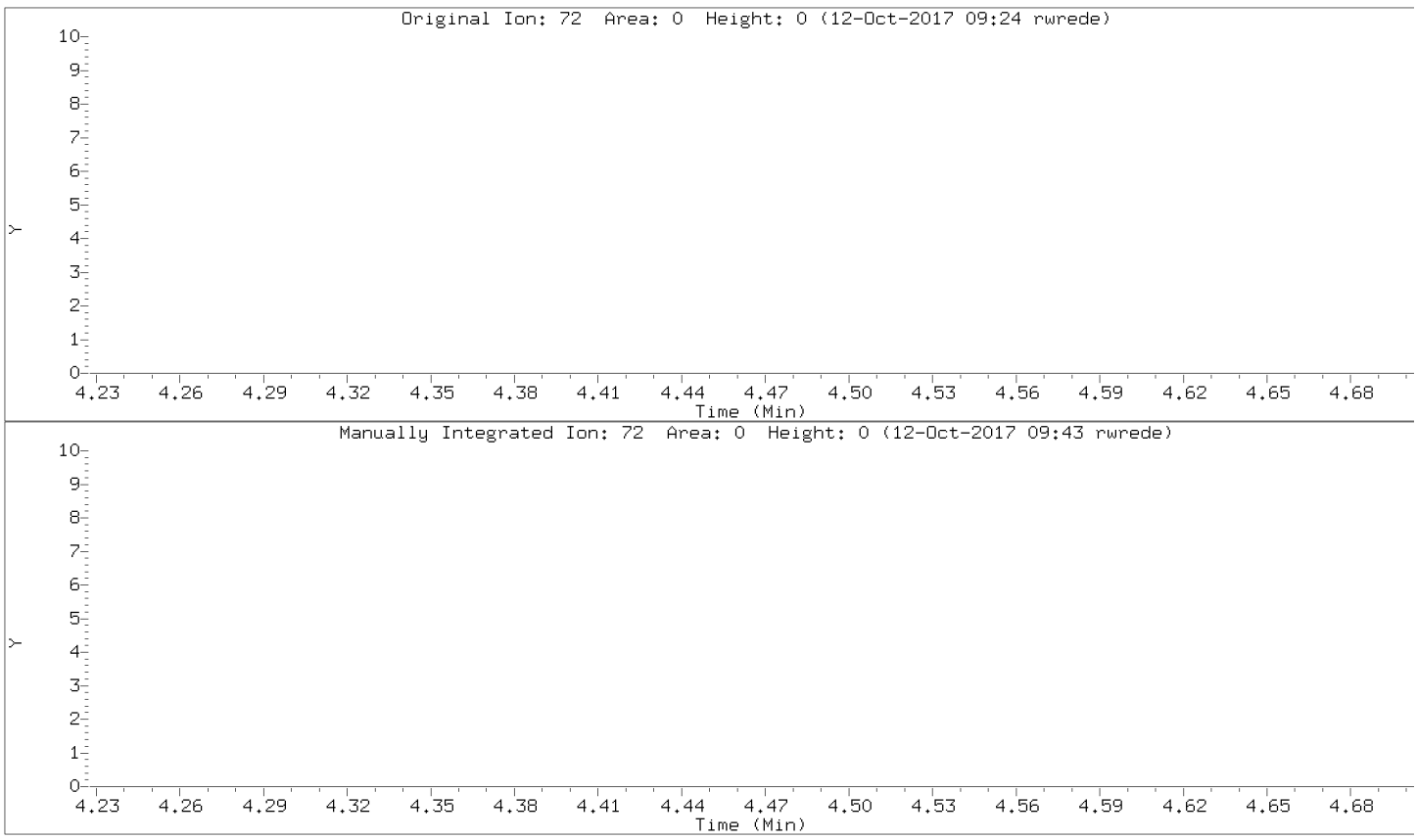
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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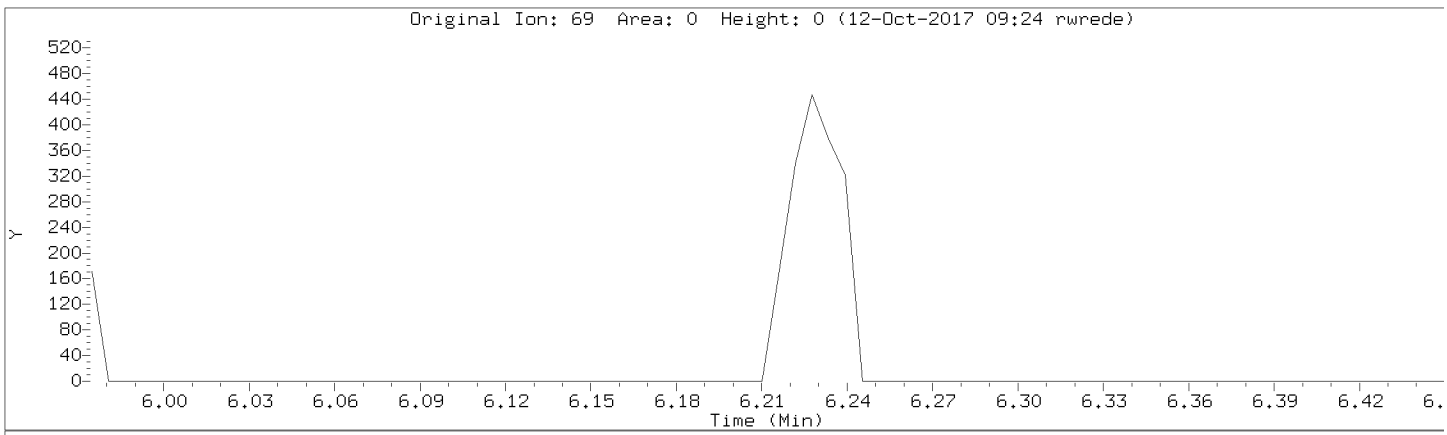
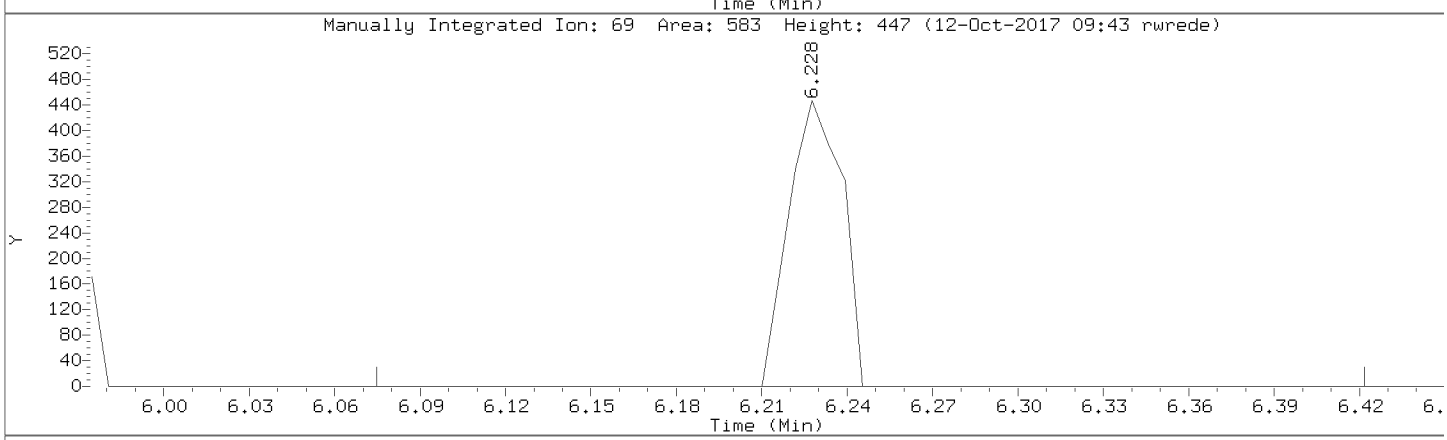
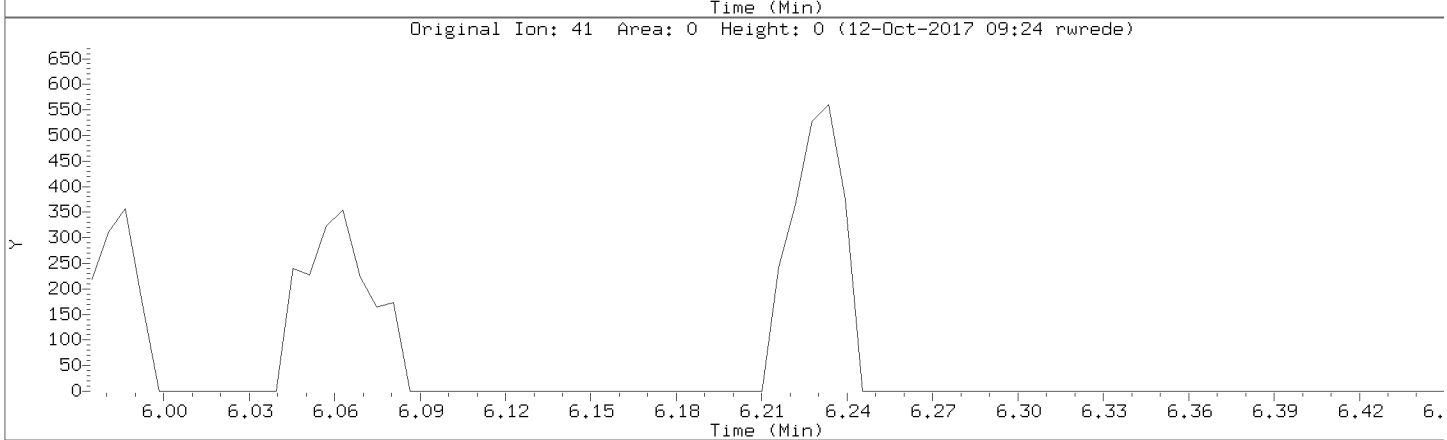
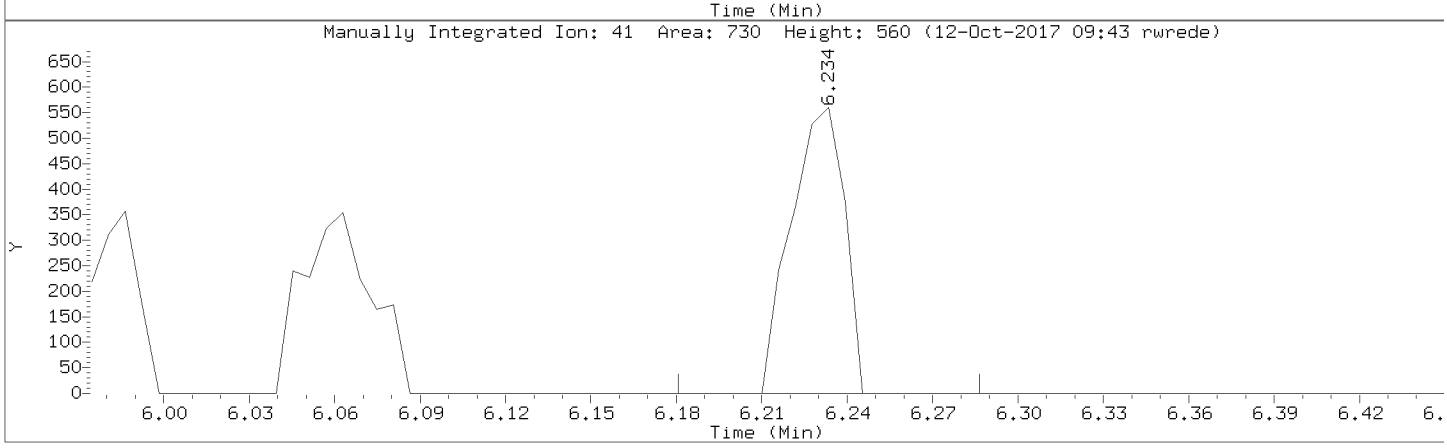
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Methyl methacrylate Review Code: NI
CAS Number: 80-62-6









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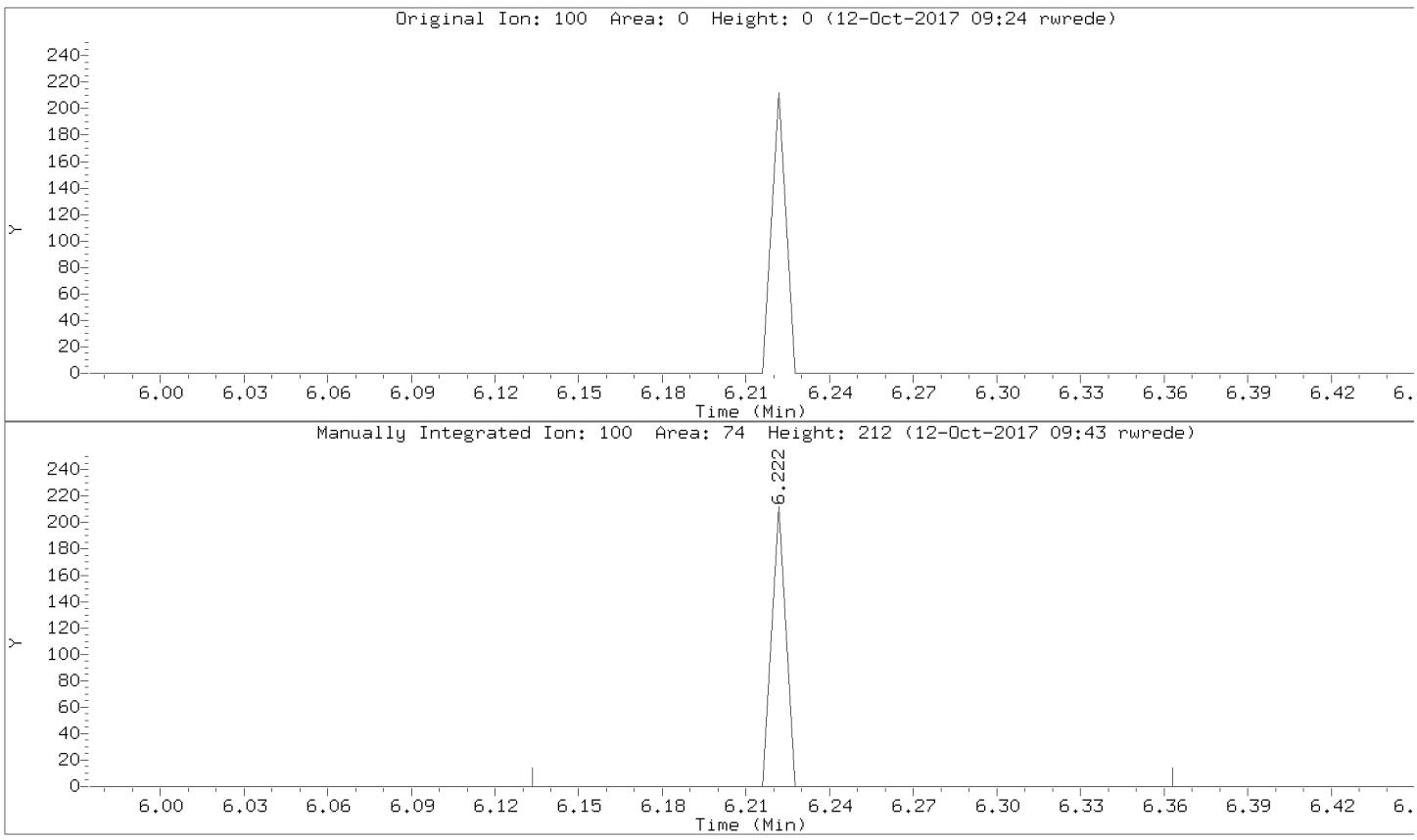
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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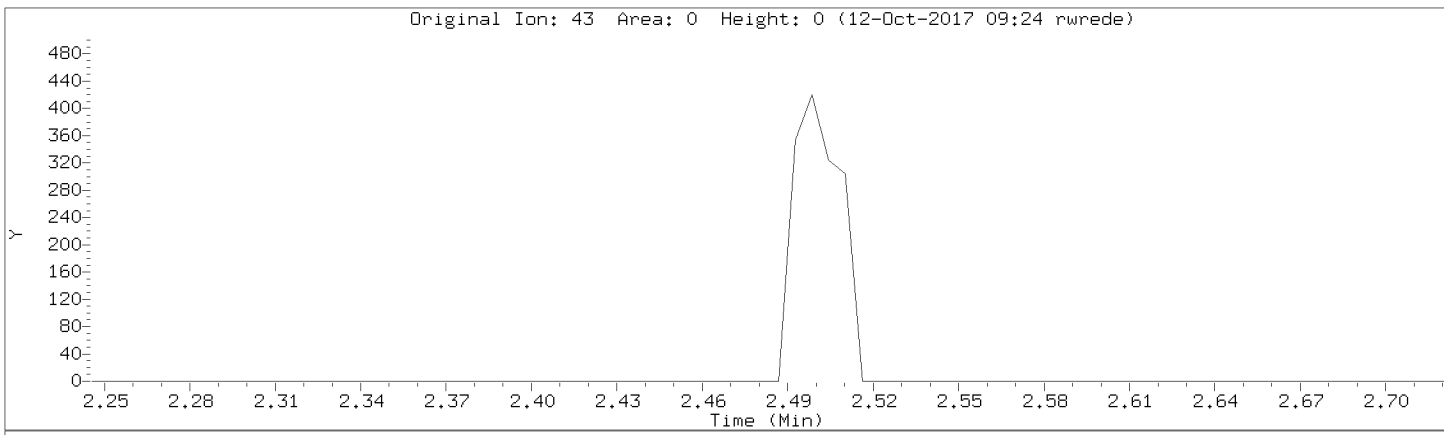
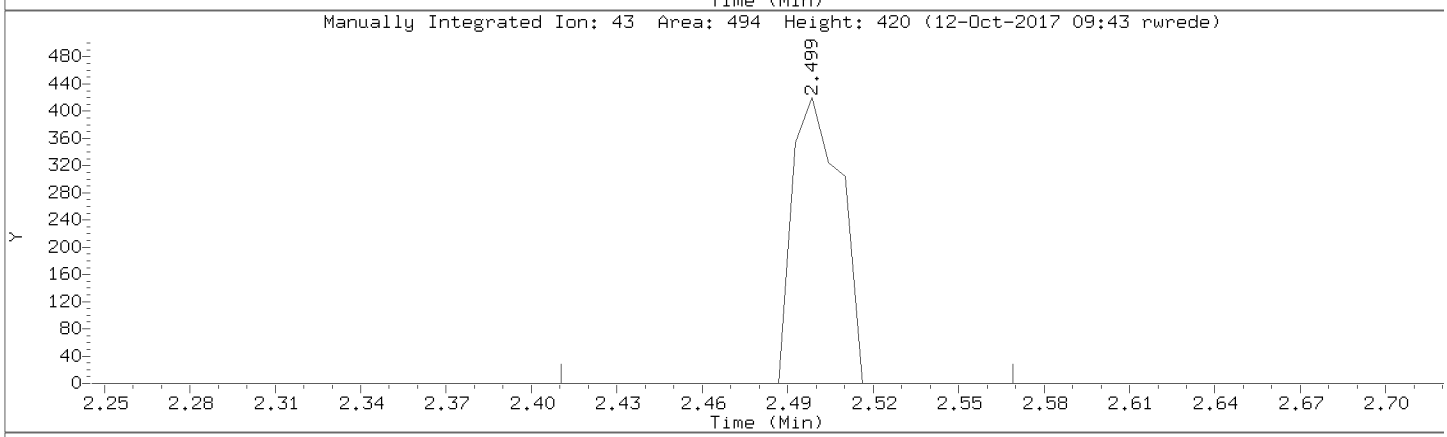
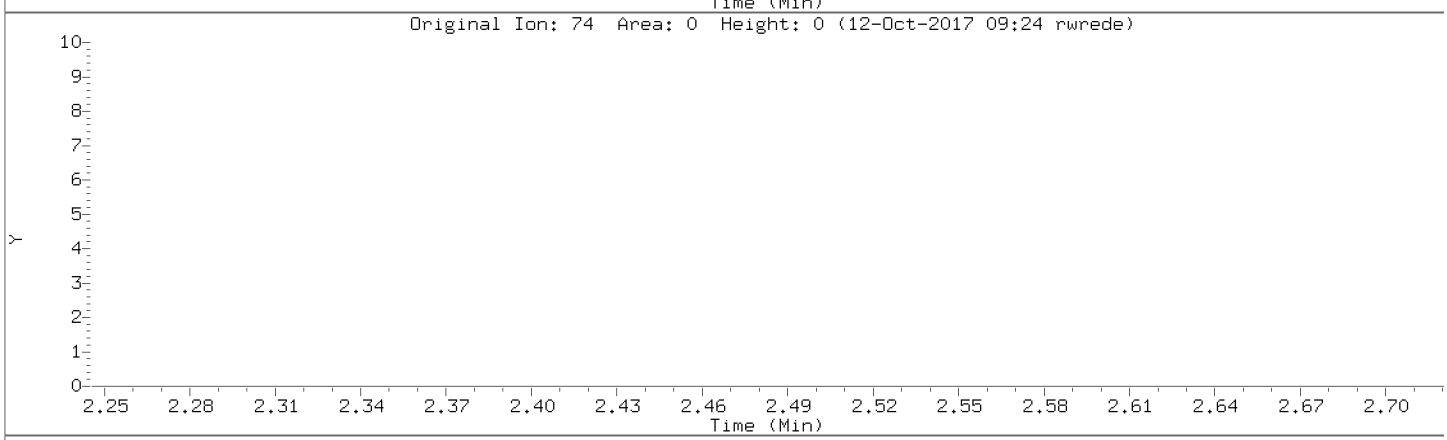
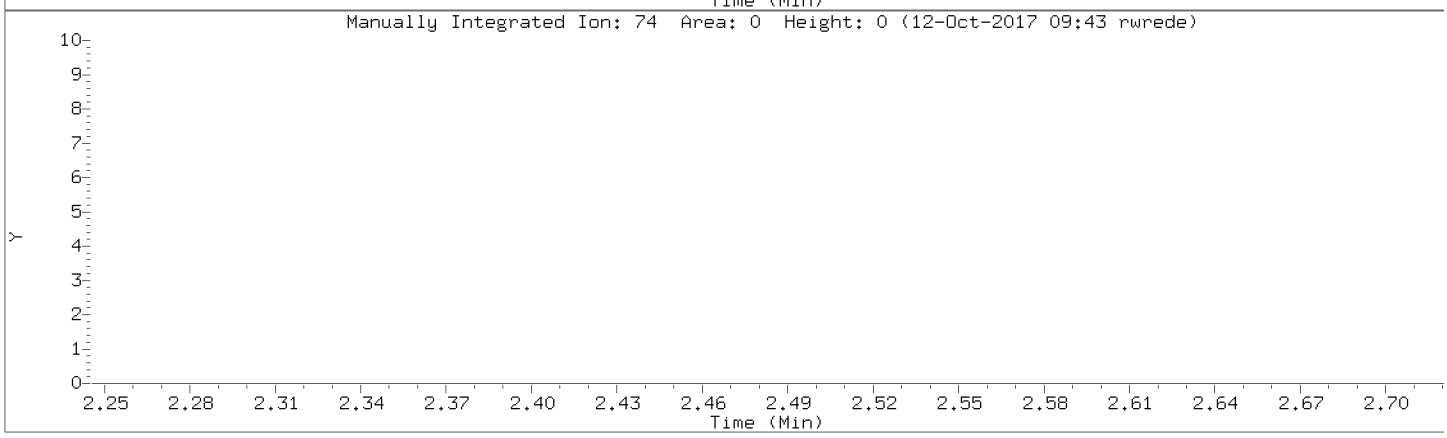
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Methyl Acetate Review Code: NI
CAS Number: 79-20-9









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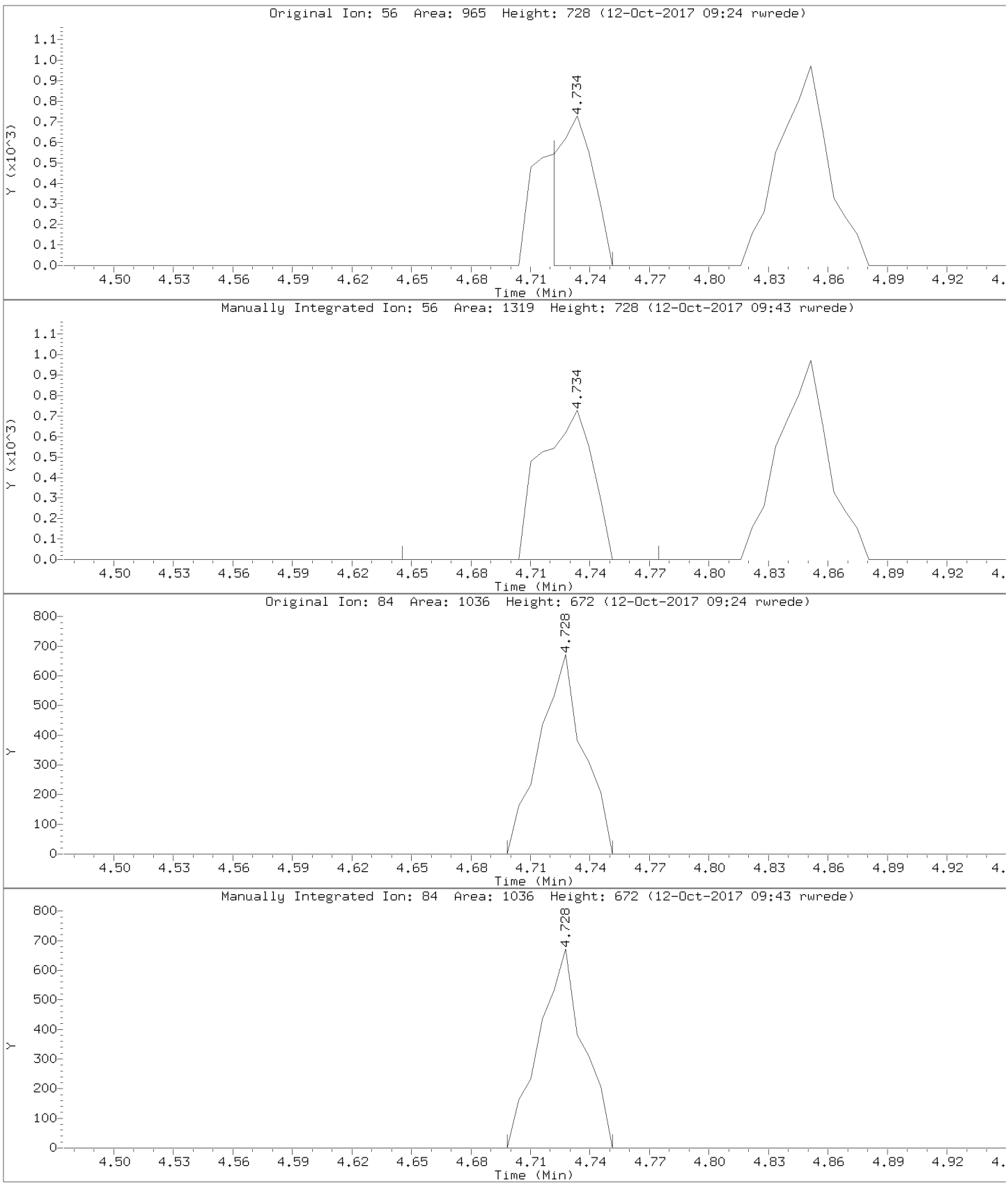
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Cyclohexane Review Code: LT
CAS Number: 110-82-7



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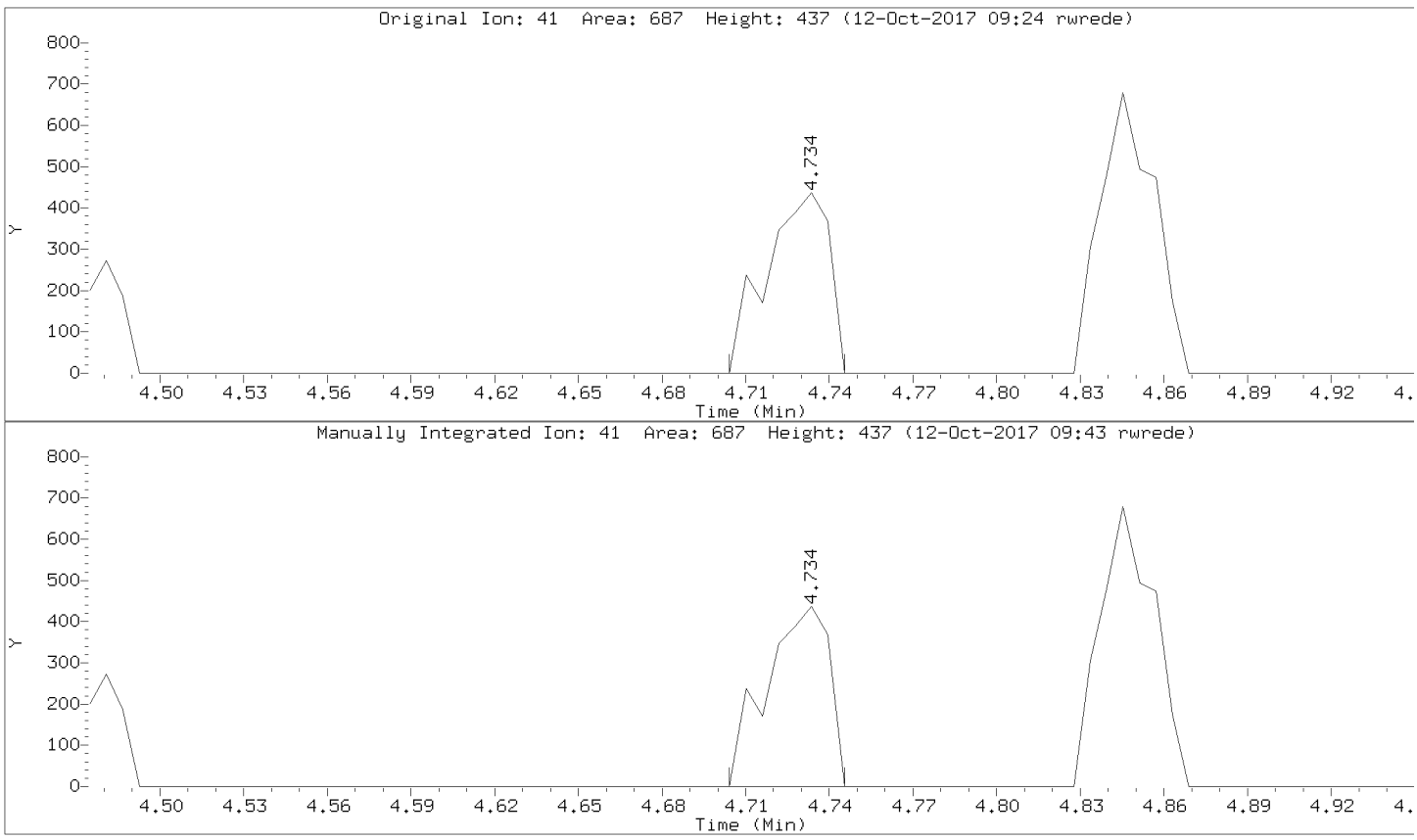
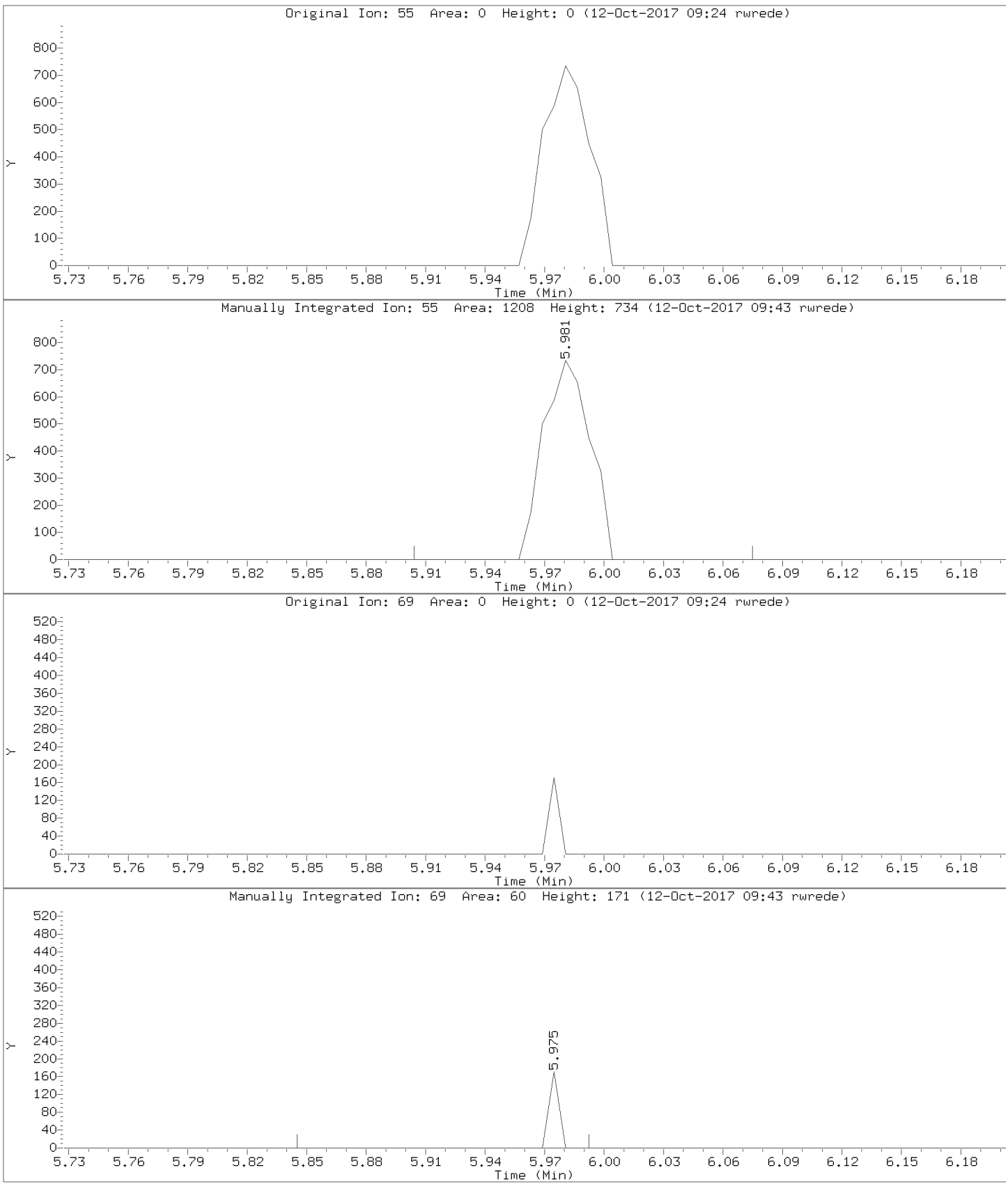
Lab Sample ID: 8260-CAL3



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Methylcyclohexane Review Code: NI
CAS Number: 108-87-2



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
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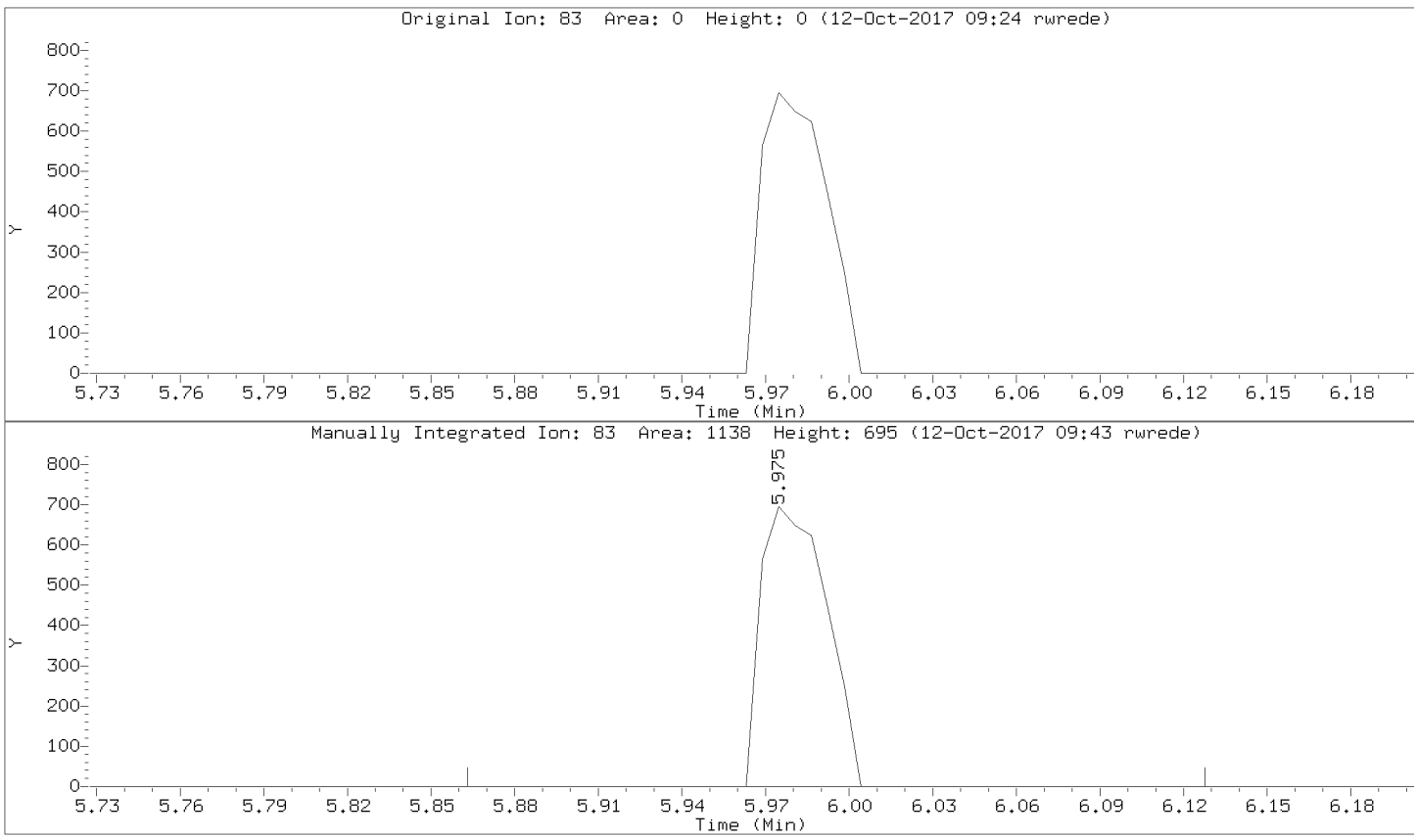
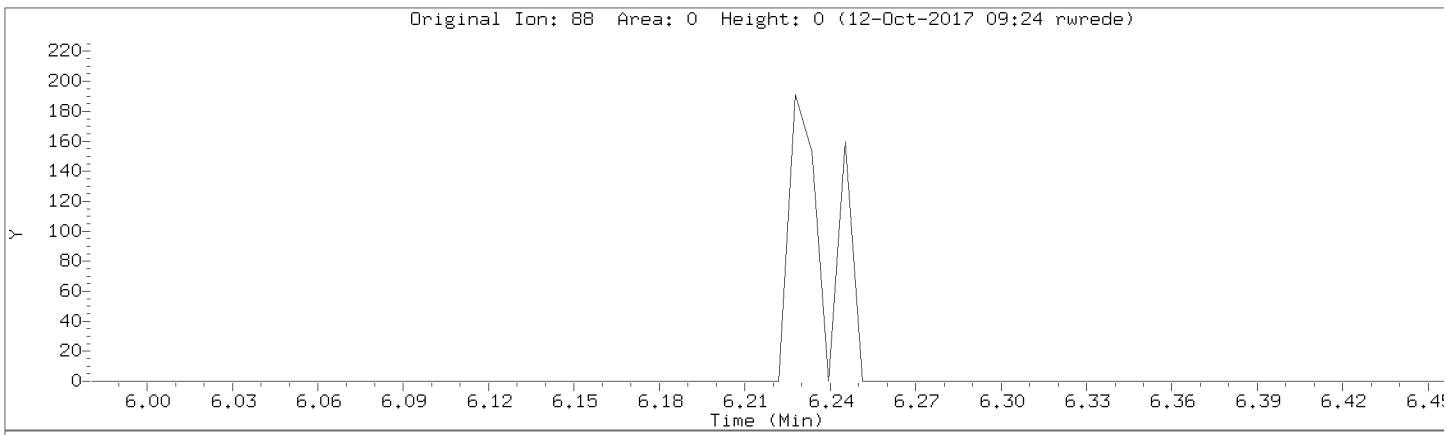
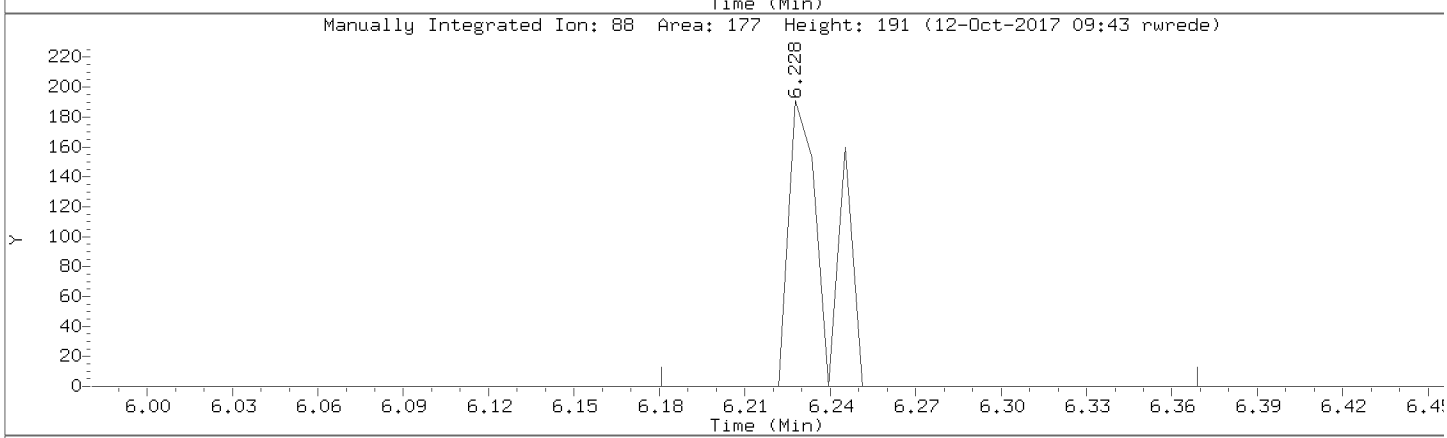
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

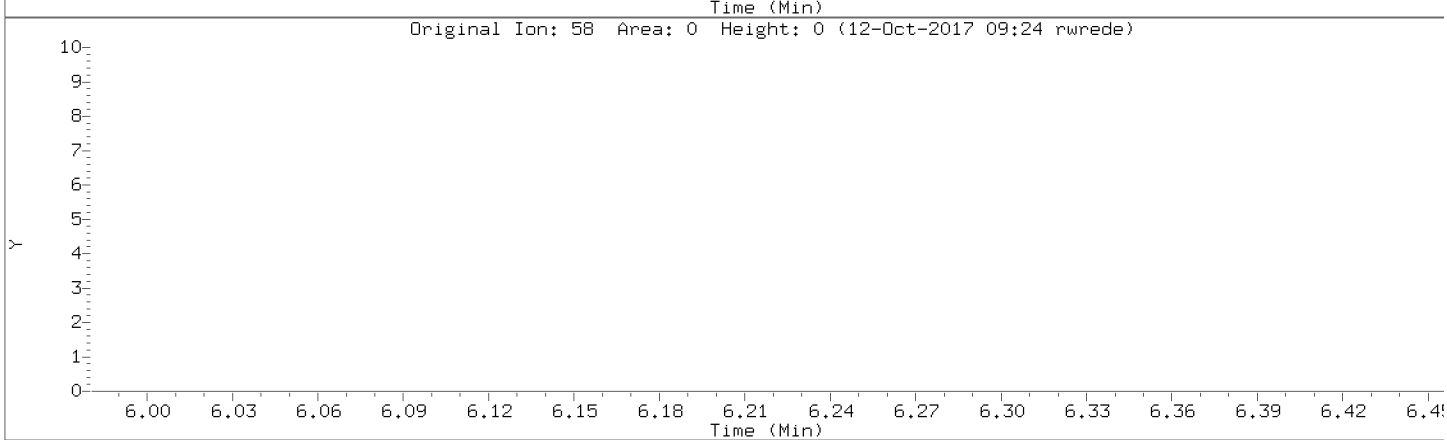


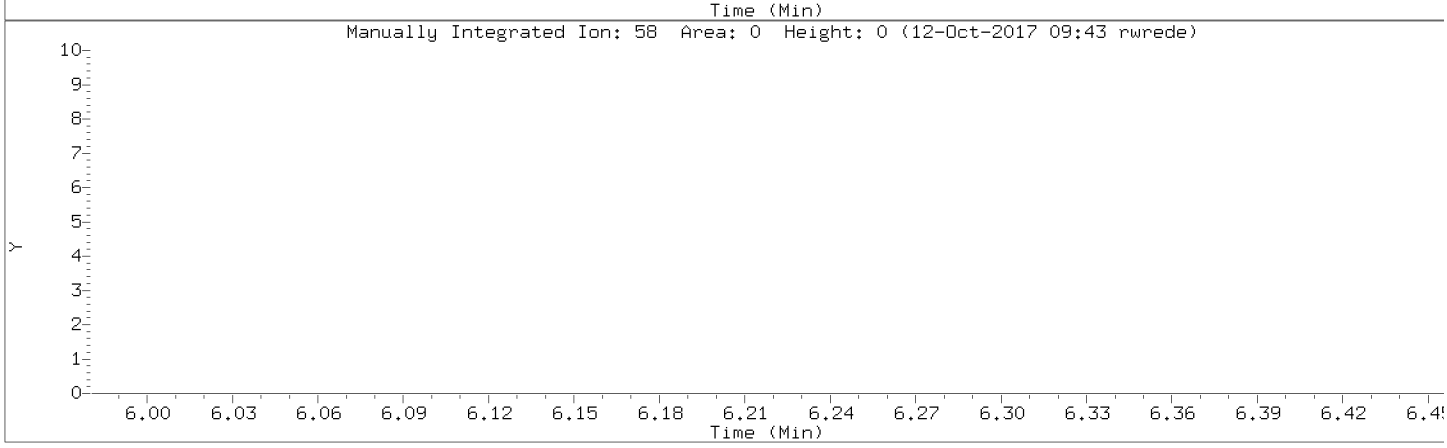
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1,4-Dioxane Review Code: NI
CAS Number:



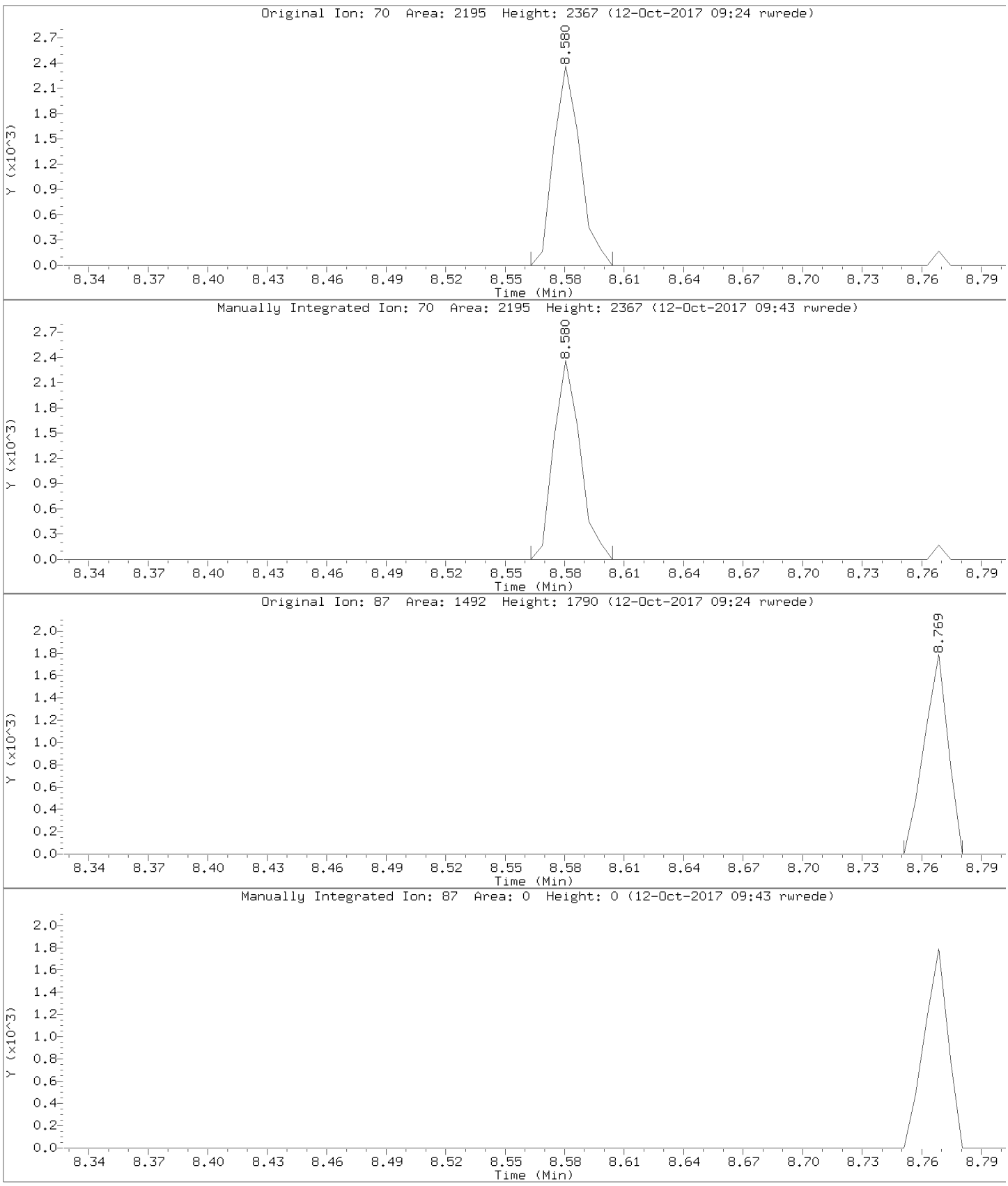




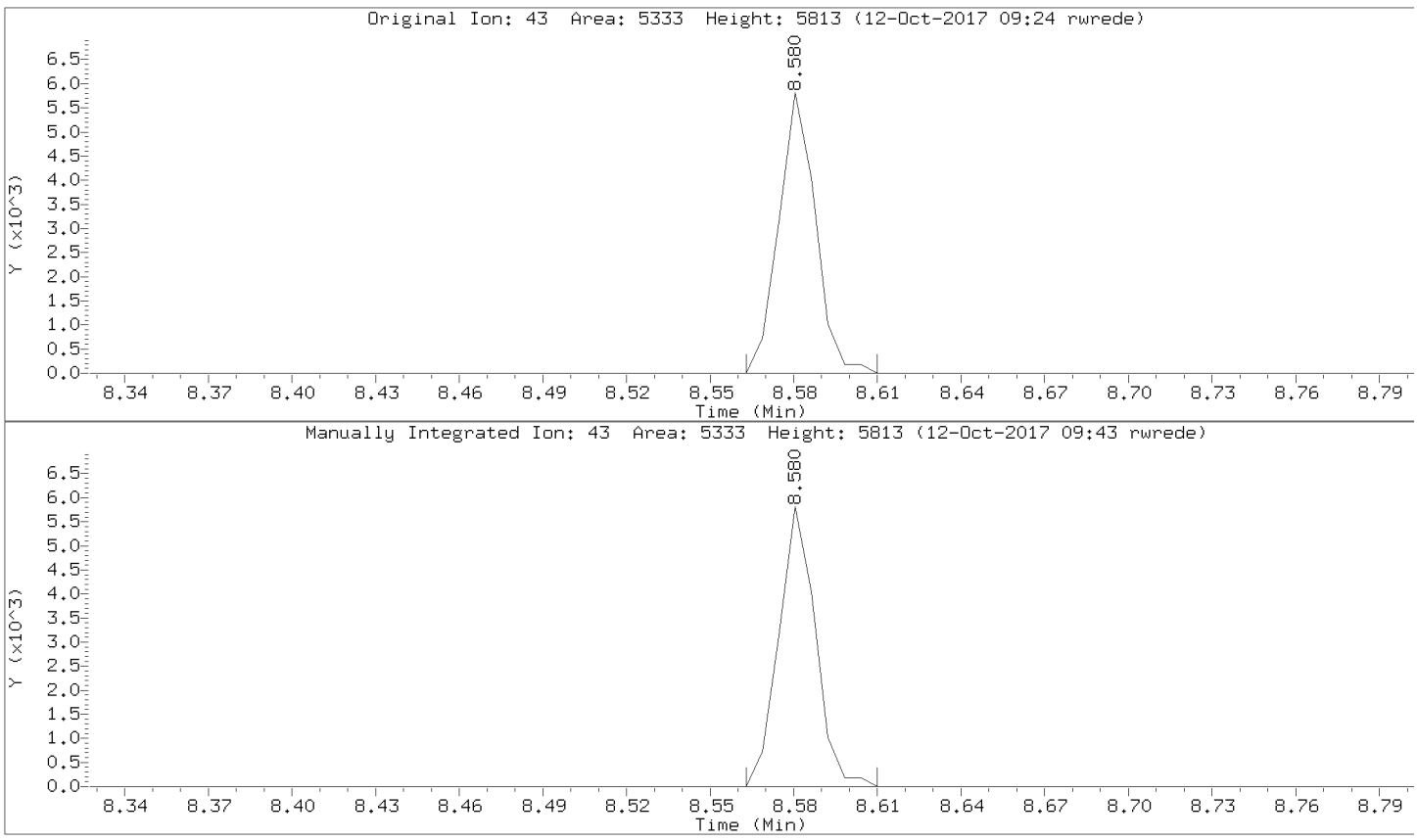


Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: n-amyl acetate Review Code: WP
CAS Number: 628-63-7



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a03.d
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3



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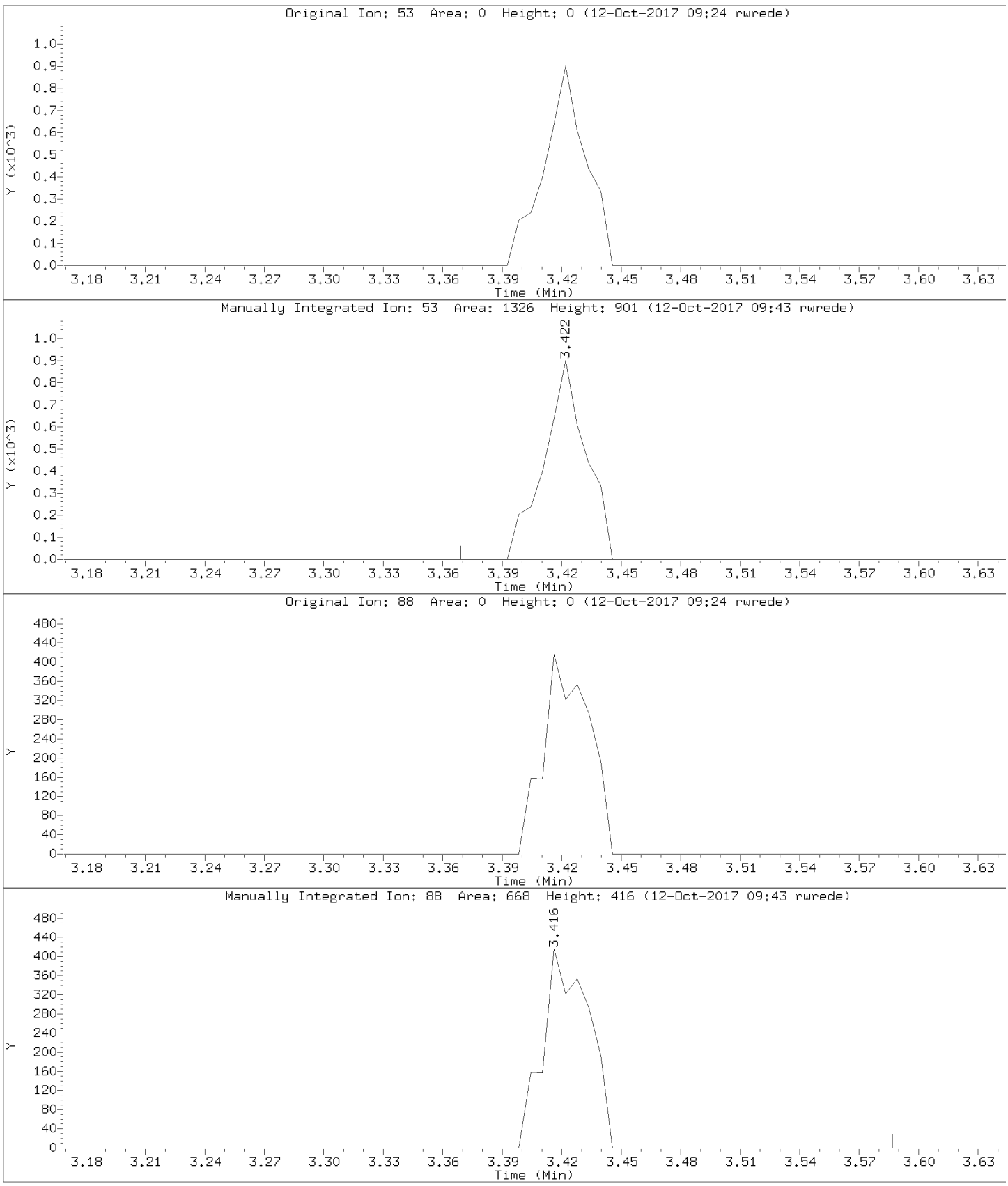
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: chloroprene Review Code: NI
CAS Number: 126-99-8



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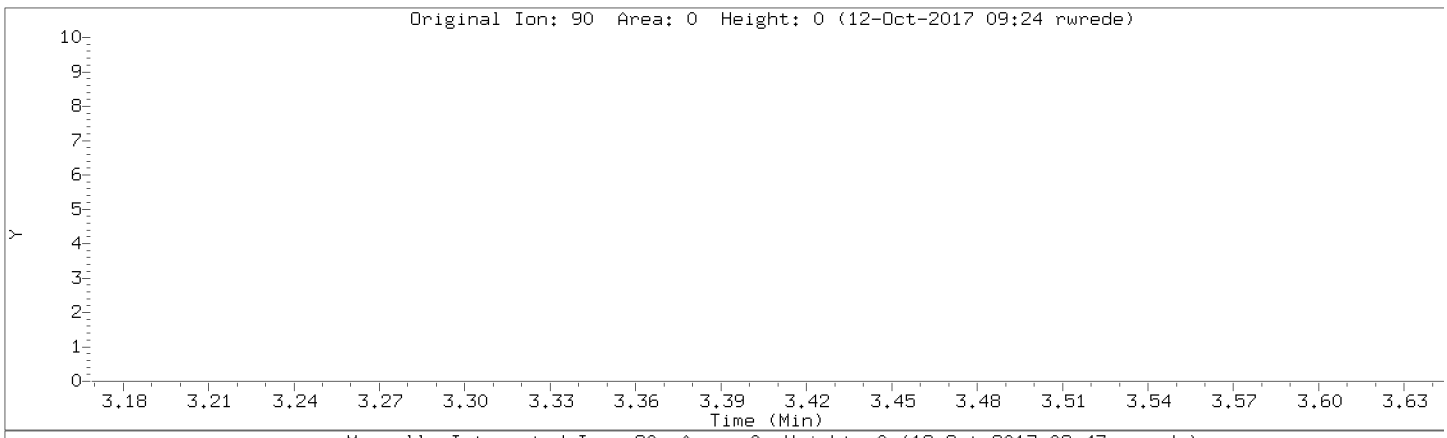
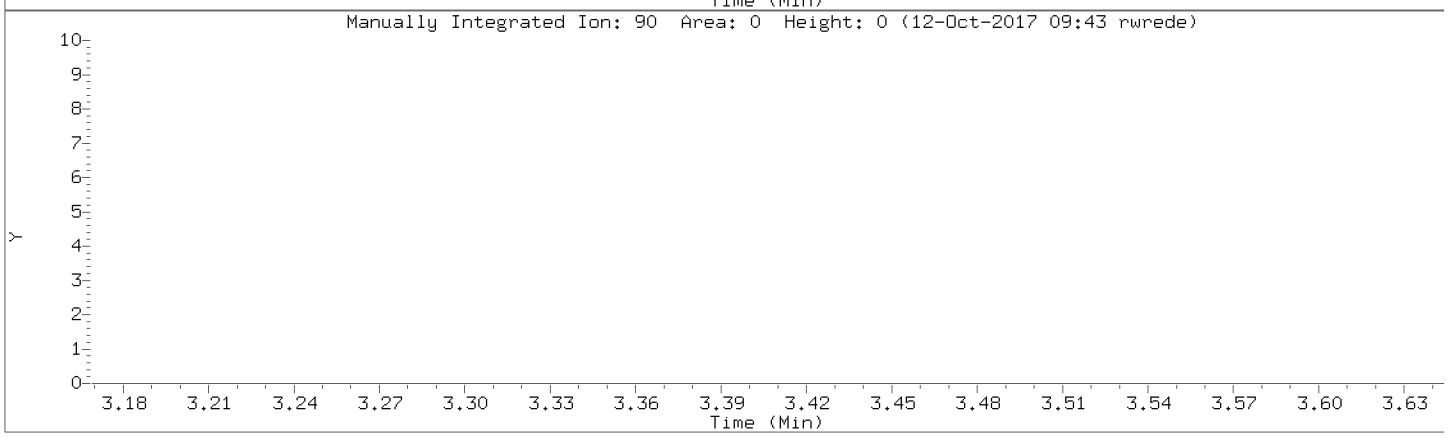
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3





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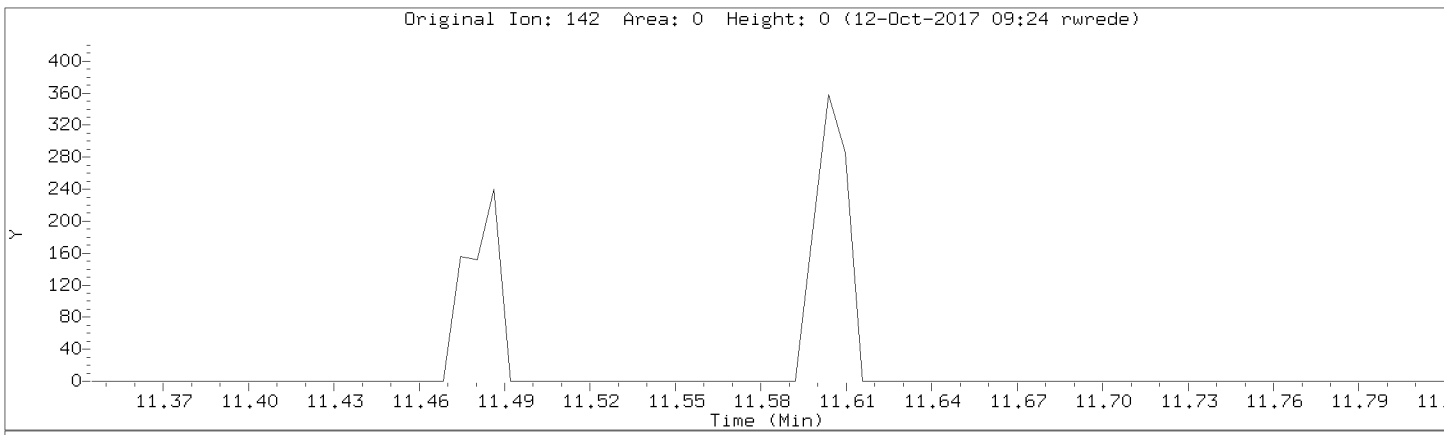
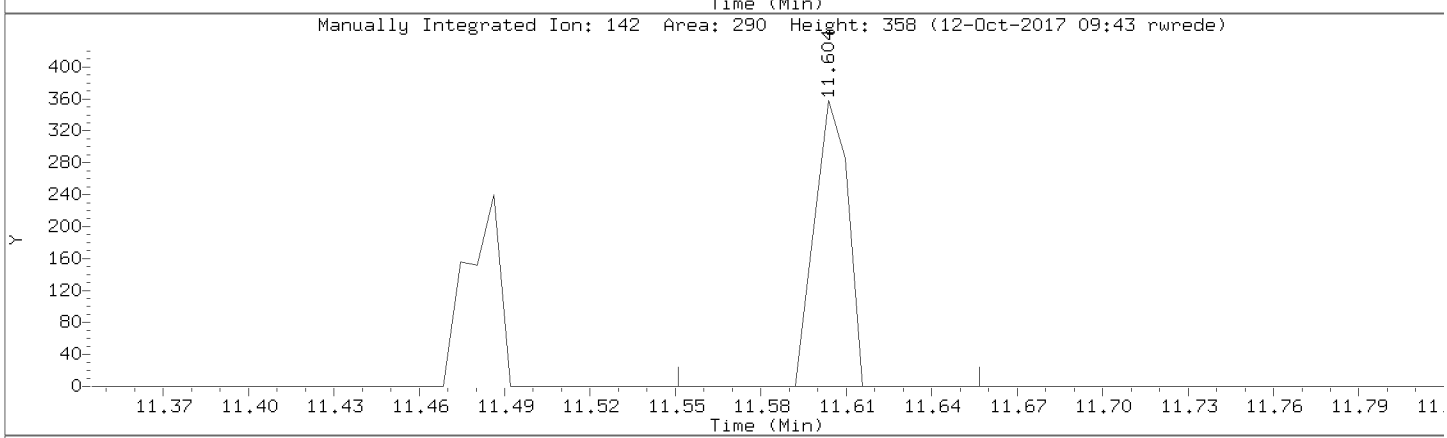
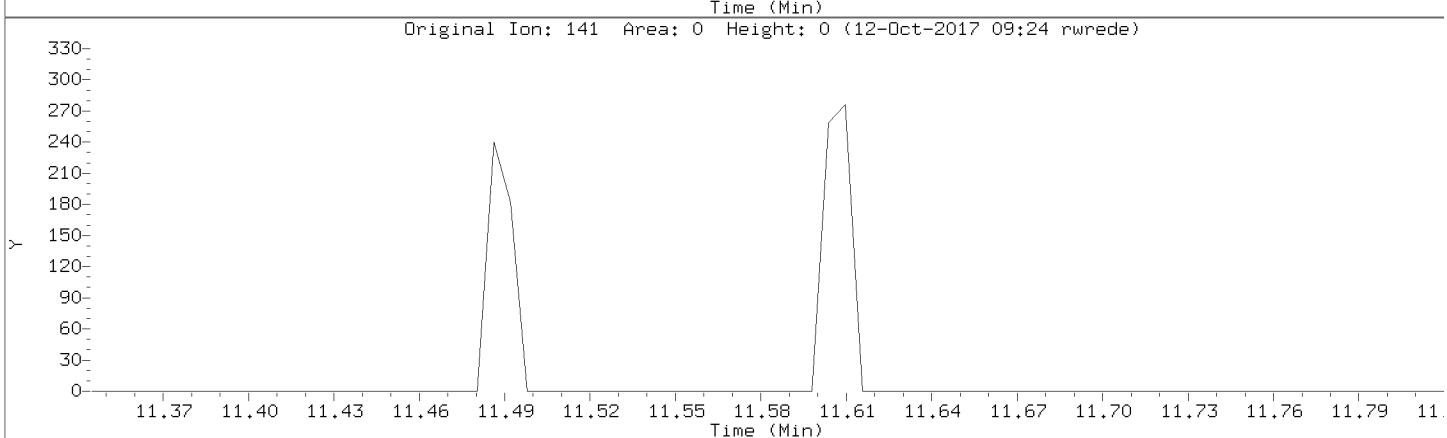
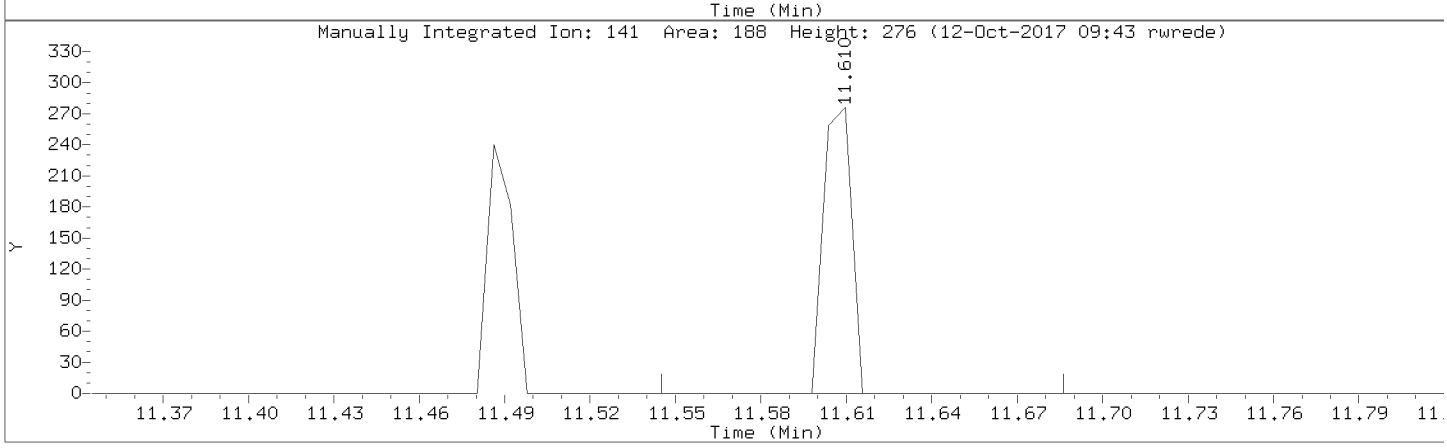
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: 1-Methylnaphthalene Review Code: NI
CAS Number: 90-12-0









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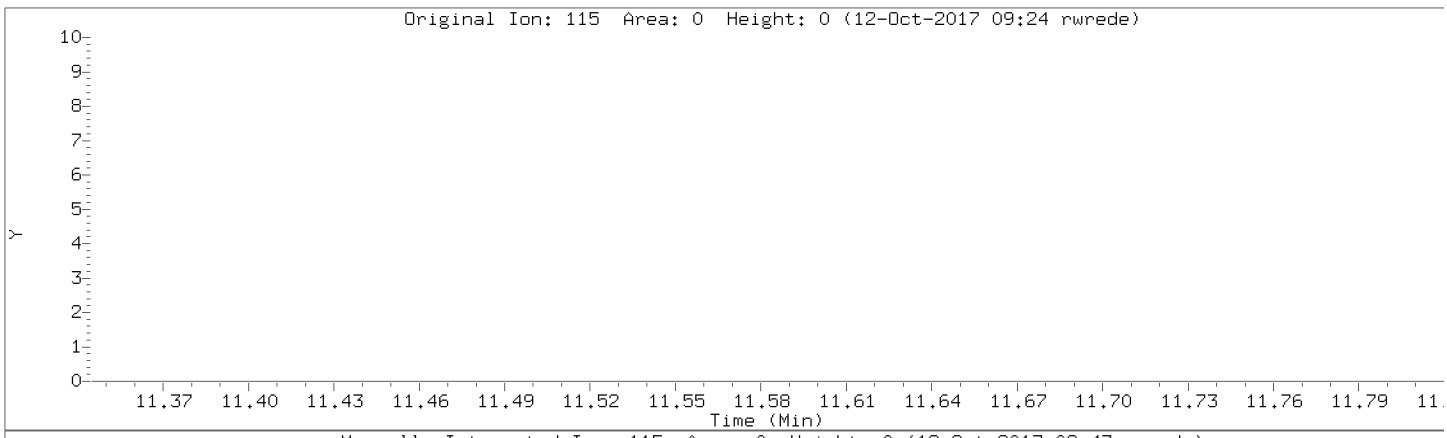
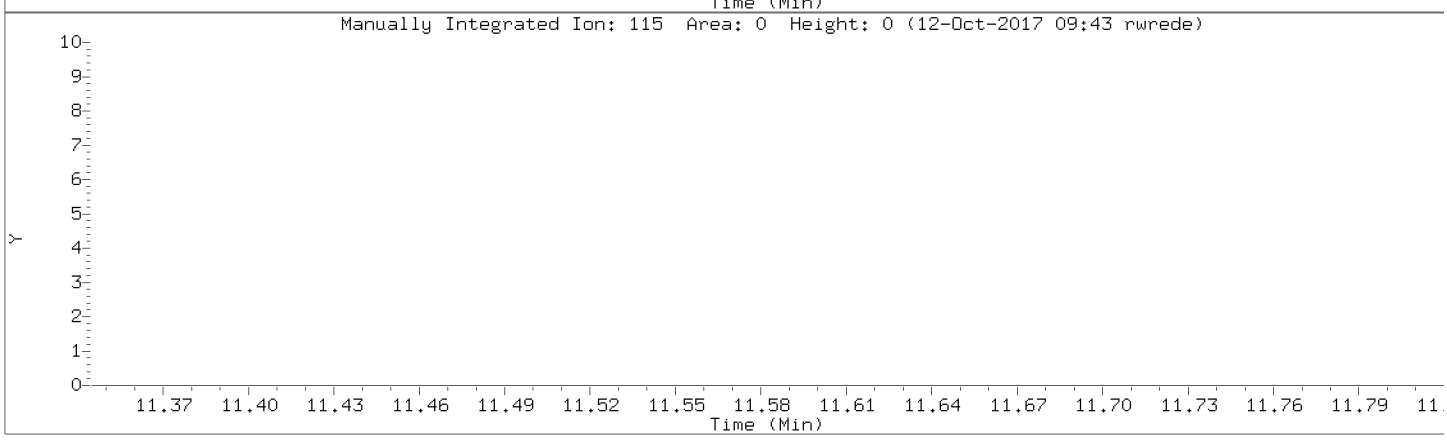
Lab Sample ID: 8260-CAL3





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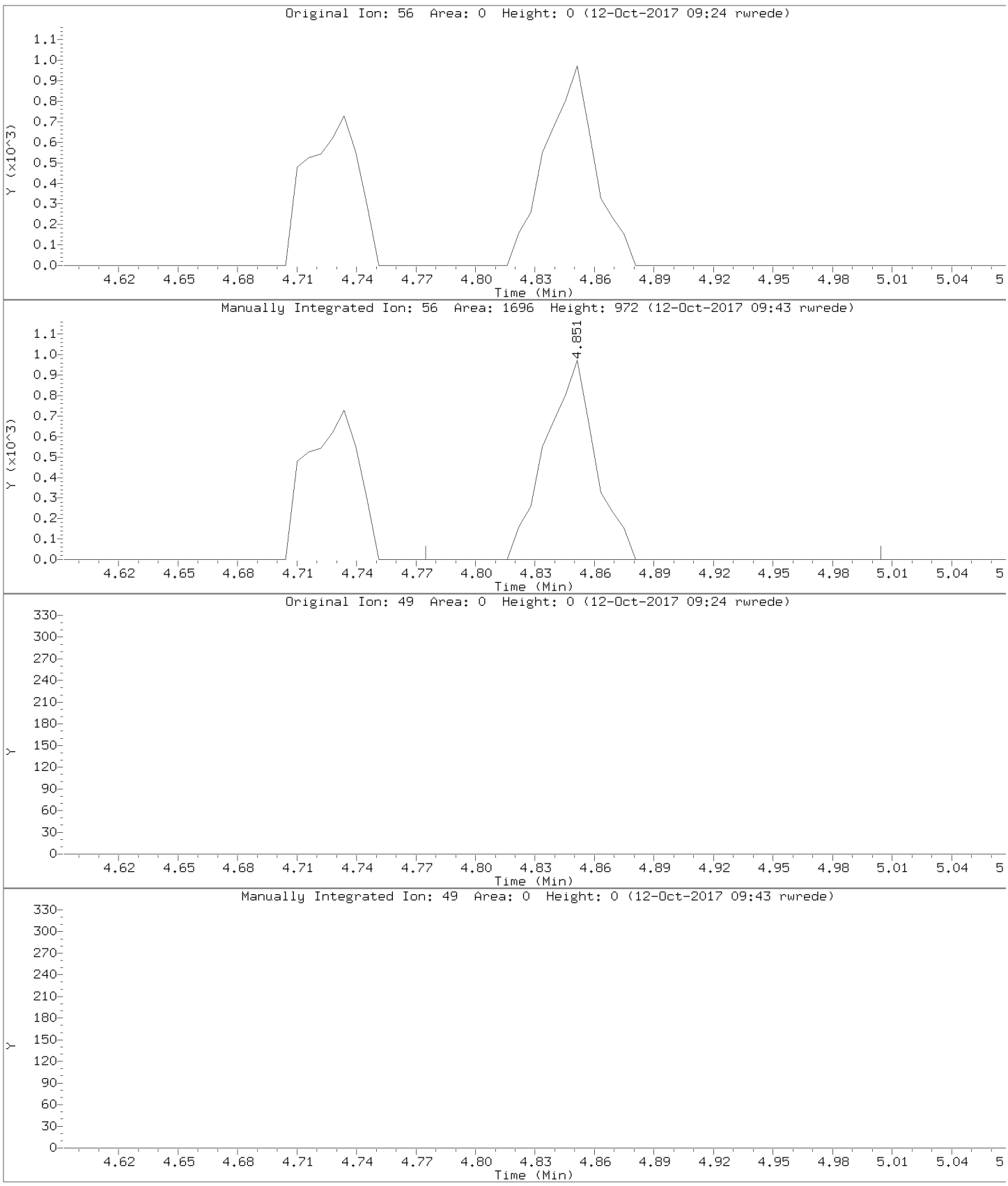
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: n-Butyl chloride Review Code: NI
CAS Number: 109-69-3



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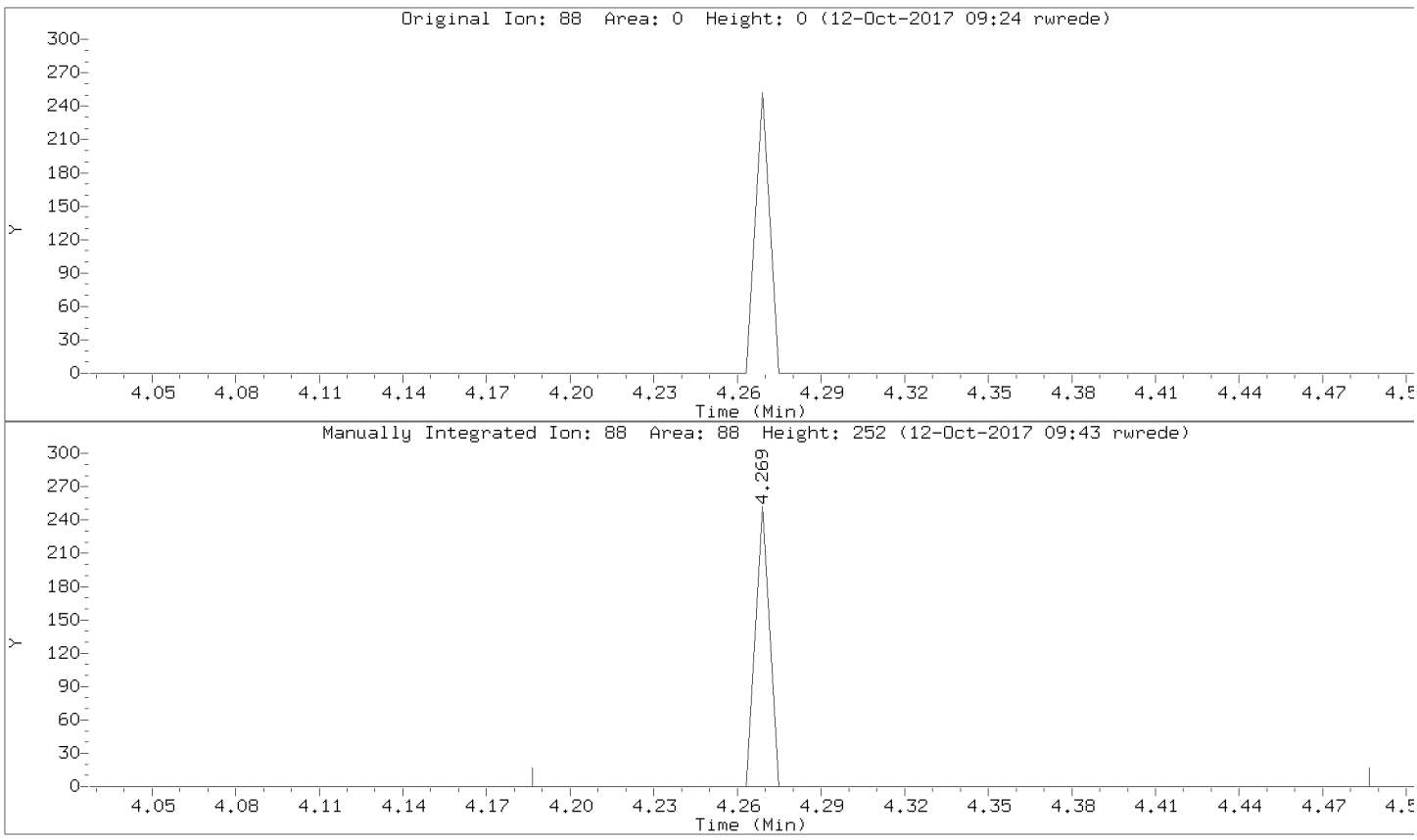
Injection Date: 11-OCT-2017 19:10
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL3

Compound: Ethyl acetate Review Code: NI
CAS Number: 141-78-6



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a04.d
Lab Smp Id: 8260-CAL4 Client Smp ID: 8260-CAL4
Inj Date : 11-OCT-2017 19:44
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal4,160363:0
Misc Info : 107512
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Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 9 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	2591	5.00000	5.68	
3 Chloromethane	50	1.245	1.251	(0.229)	2456	5.00000	6.13(Q)	
4 Vinyl Chloride	62	1.292	1.286	(0.237)	2678	5.00000	7.14	
5 Bromomethane	94	1.498	1.498	(0.275)	555	5.00000	5.42(Q)	
6 Chloroethane	64	1.575	1.563	(0.289)	1081	5.00000	5.07(Q)	
8 Trichlorofluoromethane	101	1.739	1.739	(0.319)	3636	5.00000	5.40	
9 Diethyl ether	74	1.963	1.968	(0.360)	1001	5.00000	6.95(Q)	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	2221	5.00000	5.77	
11 Acrolein	56	2.080	2.086	(0.382)	8485	100.000	107	
12 1,1,2trichlorotrifluoroethane	101	2.133	2.133	(0.391)	2056	5.00000	6.36	
13 1,1-Dichloroethene	96	2.133	2.133	(0.391)	1603	5.00000	4.99(Q)	
14 Acetone	43	2.210	2.221	(0.405)	3124	25.0000	21.9	
15 Iodomethane	142	2.269	2.263	(0.416)	2217	10.0000	18.2	
16 Carbon Disulfide	76	2.310	2.310	(0.424)	5264	5.00000	6.10	
17 Acetonitrile	39	2.457	2.457	(0.451)	2925	5.00000	5.77	
18 allyl chloride	41	2.457	2.457	(0.451)	4282	10.0000	11.7	
19 Methyl Acetate	43	2.498	2.498	(0.458)	1652	5.00000	5.60	
20 Methylene Chloride	84	2.574	2.580	(0.472)	2134	5.00000	4.25	
21 tert-Butyl Alcohol	59	2.751	2.833	(0.505)	139	10.0000	(M)	
151 Ethyl acetate	88	4.268	4.280	(0.783)	626	40.0000	(M)	NI
23 1,2-Dichloroethene (trans)	96	2.833	2.833	(0.520)	2002	5.00000	9.73	
24 Methyl-tert-butyl ether	73	2.839	2.845	(0.521)	3738	5.00000	6.62	
22 Acrylonitrile	53	2.863	2.868	(0.525)	3026	20.0000	26.1	

			QUANT SIG					AMOUNTS CAL-AMT	ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25	n-Hexane	57	3.110	3.115	(0.571)	2695	5.00000	4.81(M)	NI
	26	1,1-Dichloroethane	63	3.316	3.321	(0.608)	3613	5.00000	5.52	
	28	chloroprene	53	3.416	3.421	(0.627)	3005	5.00000	5.33	
	27	Vinyl Acetate	43	3.421	3.427	(0.628)	17704	20.0000	23.2	
	7	isopropyl acetate	61	5.310	5.309	(0.974)	3321	20.0000	27.2(Q)	
	29	2,2-Dichloropropane	77	4.074	4.080	(0.748)	1992	5.00000	6.20	
	30	1,2-Dichloroethene (cis)	96	4.098	4.109	(0.752)	2097	5.00000	5.89	
	31	2-Butanone	43	4.186	4.192	(0.768)	4401	25.0000	27.4	
	32	Propionitrile	54	4.298	4.298	(0.788)	70	5.00000	(QM)	NI
	33	Bromochloromethane	49	4.410	4.415	(0.809)	1487	5.00000	6.22	
	34	Methacrylonitrile	41	4.457	4.457	(0.818)	1341	5.00000	3.55(M)	LT
	35	Tetrahydrofuran	42	4.474	4.480	(0.821)	513	5.00000	7.90(M)	NI
	36	Chloroform	83	4.527	4.539	(0.831)	3780	5.00000	4.83	
	37	1,1,1-Trichloroethane	97	4.698	4.698	(0.862)	3065	5.00000	4.96	
$	38	Dibromofluoromethane (S)	113	4.727	4.733	(0.867)	24865	50.0000	47.9	
	39	Cyclohexane	56	4.721	4.727	(0.866)	2850	5.00000	5.40	
	40	n-Butyl chloride	56	4.845	4.845	(0.889)	3685	5.00000	5.23(M)	NI
	41	Carbon Tetrachloride	117	4.874	4.874	(0.894)	3157	5.00000	7.05	
	42	1,1-Dichloropropene	75	4.892	4.892	(0.897)	2759	5.00000	5.26	
	43	Benzene	78	5.121	5.127	(0.940)	7644	5.00000	4.81	
	44	1,2-Dichloroethane	62	5.180	5.192	(0.950)	3101	5.00000	4.51(M)	NI
	45	2,2,4-Trimethylpentane	57	5.210	5.215	(0.956)	5410	5.00000	4.62	
*	47	Fluorobenzene	96	5.451	5.451	(1.000)	85982	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.068)	2142	5.00000	4.80	
	49	Methylcyclohexane	55	5.974	5.980	(1.096)	2534	5.00000	7.08	
	50	1,2-Dichloropropane	63	6.057	6.062	(1.111)	2067	5.00000	5.11(M)	
	51	Dibromomethane	93	6.180	6.180	(1.134)	1445	5.00000	7.64(Q)	
	52	1,4-Dioxane	88	6.227	6.233	(1.142)	449	100.000	(M)	NI
	53	Methyl methacrylate	69	6.227	6.227	(1.142)	1194	5.00000	4.04(Q)	
	54	Bromodichloromethane	83	6.351	6.351	(1.165)	2951	5.00000	5.95	
	55	2-Chloroethyl vinyl ether	63	6.668	6.668	(0.830)	997	10.0000	8.60	
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	2995	5.00000	6.82	
	57	4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	8617	25.0000	24.5	
$	58	Toluene-d8	98	6.992	6.998	(0.870)	89079	50.0000	50.7	
	59	Toluene	91	7.051	7.050	(0.877)	9182	5.00000	4.90	
	60	trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	2695	5.00000	5.80	
	61	Ethyl Methacrylate	69	7.345	7.345	(0.914)	2368	5.00000	4.58(M)	NI
	62	1,1,2-Trichloroethane	83	7.398	7.397	(0.920)	1678	5.00000	6.03	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	2607	5.00000	4.93	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	3140	5.00000	6.92	
	65	2-Hexanone	43	7.592	7.592	(0.944)	6255	25.0000	28.1	
	66	Dibromochloromethane	129	7.668	7.668	(0.954)	2461	5.00000	5.05	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	2216	5.00000	7.10(Q)	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	69126	50.0000		
	69	Chlorobenzene	112	8.056	8.056	(1.002)	6471	5.00000	4.90	
	2	n-amyl acetate	70	8.580	8.580	(1.574)	4873	20.0000	22.0	
	70	1,1,1,2-Tetrachloroethane	131	8.121	8.121	(1.010)	2386	5.00000	6.54	
	71	Ethylbenzene	106	8.133	8.127	(1.012)	3357	5.00000	7.67(Q)	
	72	m&p-Xylene	106	8.204	8.203	(1.020)	8375	10.0000	10.9	
	73	o-Xylene	106	8.451	8.450	(1.051)	3815	5.00000	5.72	
	74	Styrene	104	8.462	8.462	(1.053)	6731	5.00000	5.73	
	75	Bromoform	173	8.580	8.580	(0.909)	1501	5.00000	5.32(M)	NI
	76	Isopropylbenzene	105	8.674	8.668	(1.079)	10350	5.00000	5.00	
$	77	4-Bromofluorobenzene	95	8.768	8.762	(1.091)	35628	50.0000	52.6	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
78 Bromobenzene	77	8.856	8.850	(1.102)	3648	5.00000	5.18	
79 1,1,2,2-Tetrachloroethane	83	8.868	8.862	(0.940)	2745	5.00000	5.27(M)	NI
80 1,2,3-Trichloropropane	110	8.892	8.886	(0.942)	868	5.00000	5.46(QM)	NI
81 trans-1,4-Dichloro-2-butene	53	8.898	8.897	(1.107)	625	5.00000	4.84(M)	NI
82 n-Propylbenzene	91	8.915	8.909	(0.945)	11137	5.00000	4.57	
83 2-Chlorotoluene	91	8.968	8.962	(0.950)	6937	5.00000	4.82	
84 1,3,5-Trimethylbenzene	105	9.015	9.009	(0.955)	8314	5.00000	5.09	
85 4-Chlorotoluene	126	9.033	9.027	(0.957)	2760	5.00000	6.02	
86 tert-Butylbenzene	119	9.203	9.203	(0.975)	9276	5.00000	4.75	
87 1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	8106	5.00000	4.90	
88 sec-Butylbenzene	105	9.333	9.327	(0.989)	9574	5.00000	5.18	
89 1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	4848	5.00000	4.84	
90 p-Isopropyltoluene	119	9.415	9.409	(0.998)	8700	5.00000	5.15	
* 91 1,4-Dichlorobenzene-d4	152	9.439	9.433	(1.000)	37206	50.0000		
92 1,4-Dichlorobenzene	146	9.456	9.450	(1.002)	5095	5.00000	4.92	
93 n-Butylbenzene	91	9.650	9.644	(1.022)	6102	5.00000	5.84	
94 1,2-Dichlorobenzene	146	9.674	9.668	(1.025)	4580	5.00000	4.25	
95 1,2-Dibromo-3-chloropropane	155	10.139	10.133	(1.074)	406	5.00000	4.64(QM)	NI
96 1,2,4-Trichlorobenzene	180	10.615	10.609	(1.125)	1915	5.00000	5.75	
97 Hexachlorobutadiene	225	10.709	10.703	(1.135)	1008	5.00000	7.27	
98 Naphthalene	128	10.774	10.768	(1.141)	4603	5.00000	5.93	
99 1,2,3-Trichlorobenzene	180	10.921	10.915	(1.157)	1871	5.00000	6.13	
100 2,methyl-naphthalene	142	11.480	11.474	(1.216)	729	5.00000	7.73	
101 1-Methylnaphthalene	142	11.603	11.597	(2.129)	735	5.00000	7.02	

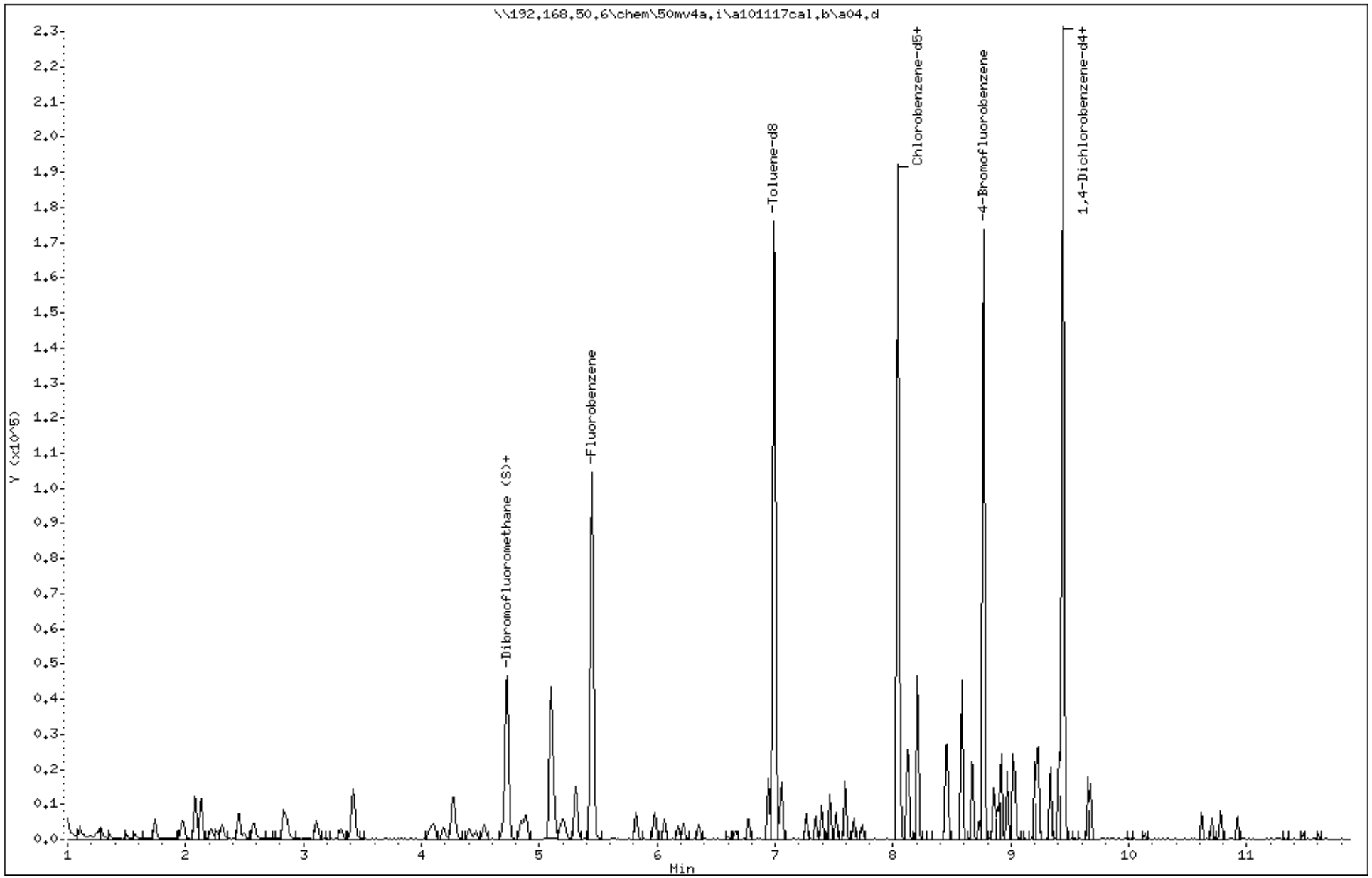
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
NI: Indicates that the peak was not integrated at all by the computer software.
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a04.d
Date : 11-OCT-2017 19:44
Client ID: 8260-CAL4
Instrument: 50mv4a.i
Sample Info: 8260-CAL4,160363:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



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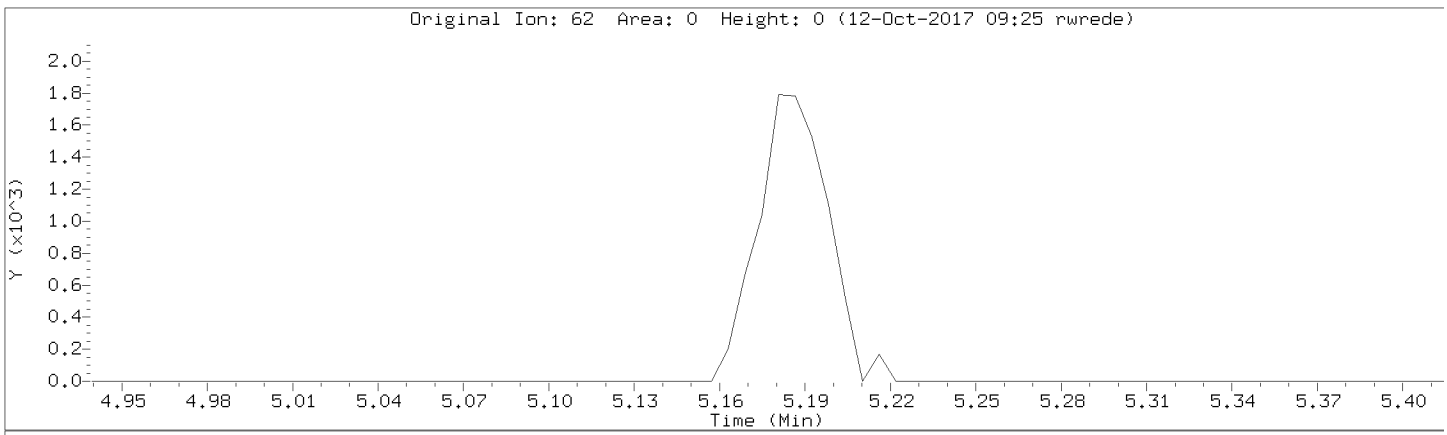
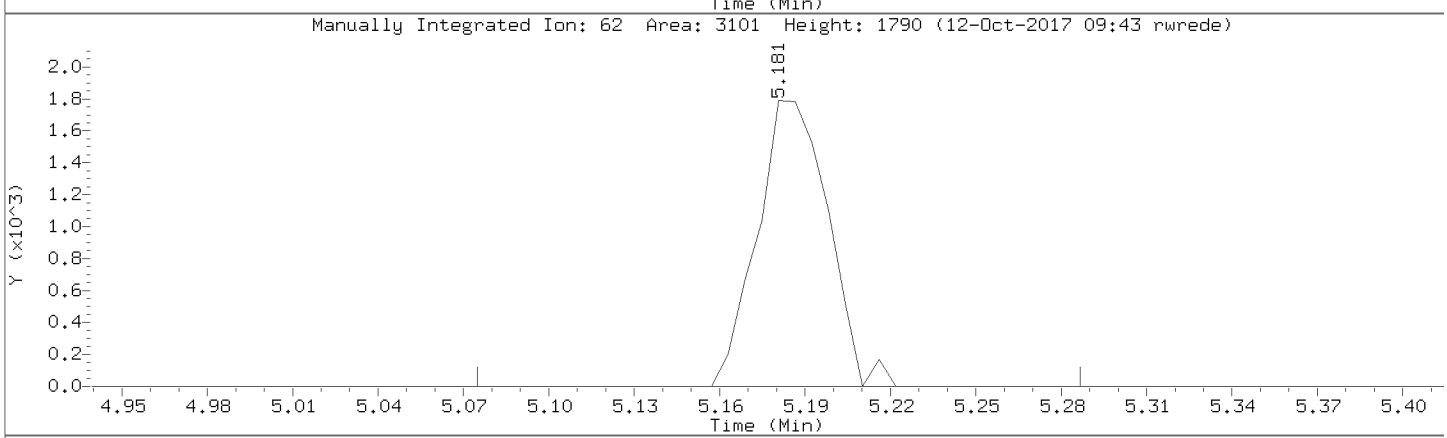
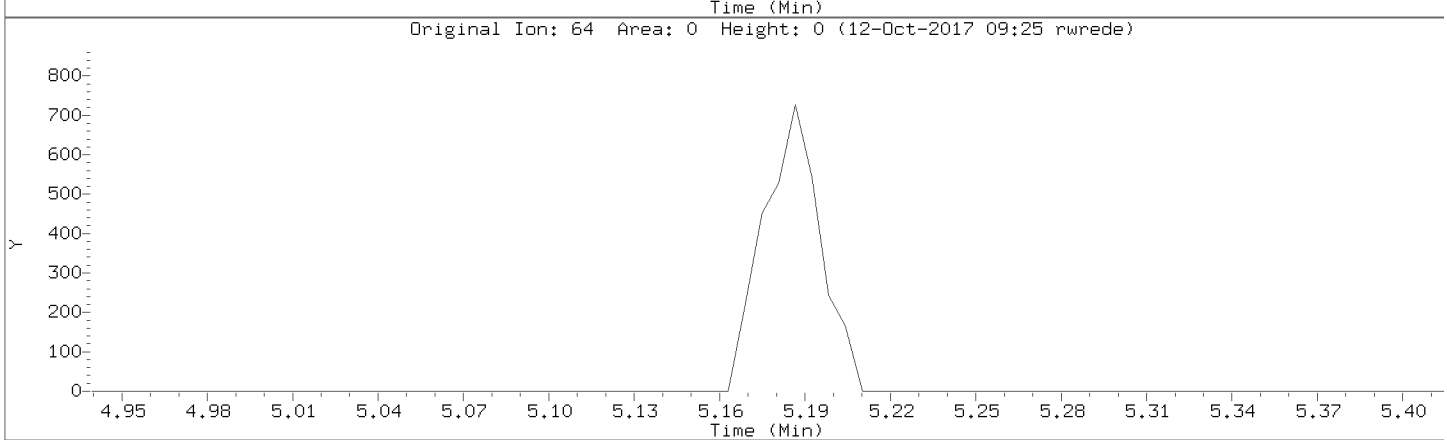
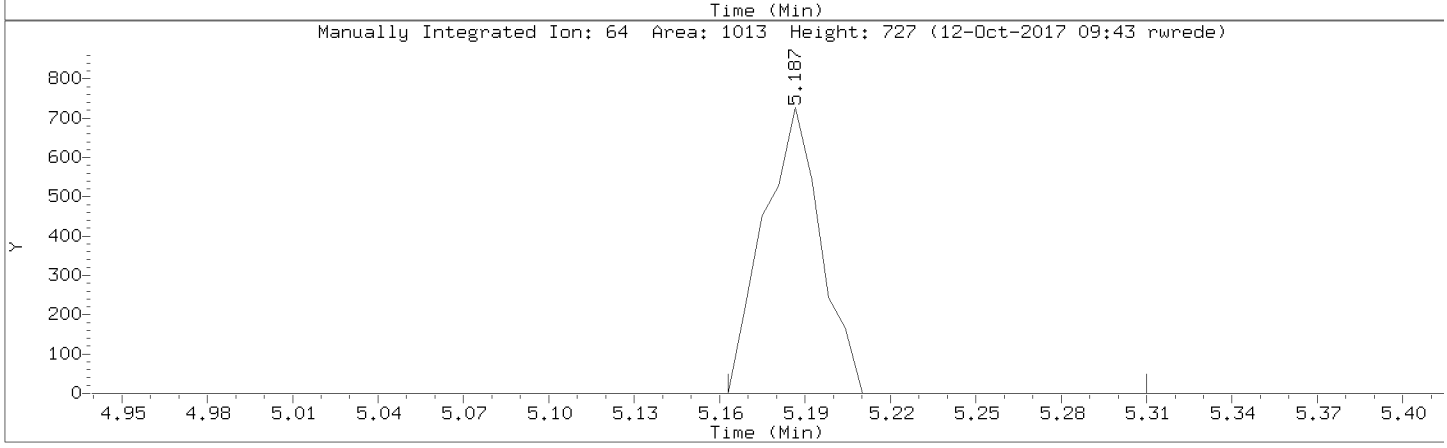
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,2-Dichloroethane Review Code: NI
CAS Number: 107-06-2

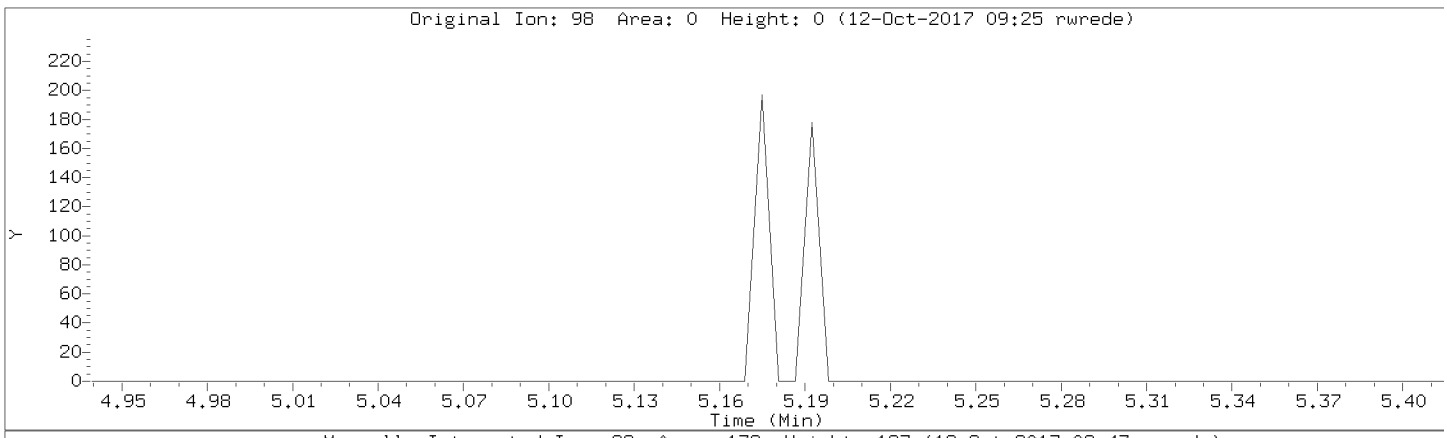


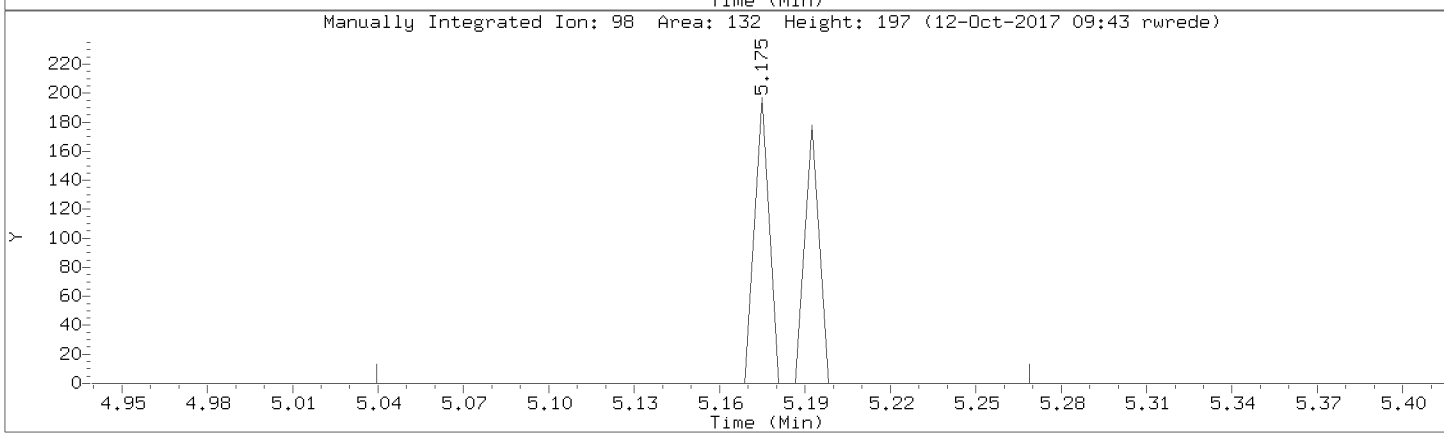






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a04.d
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4





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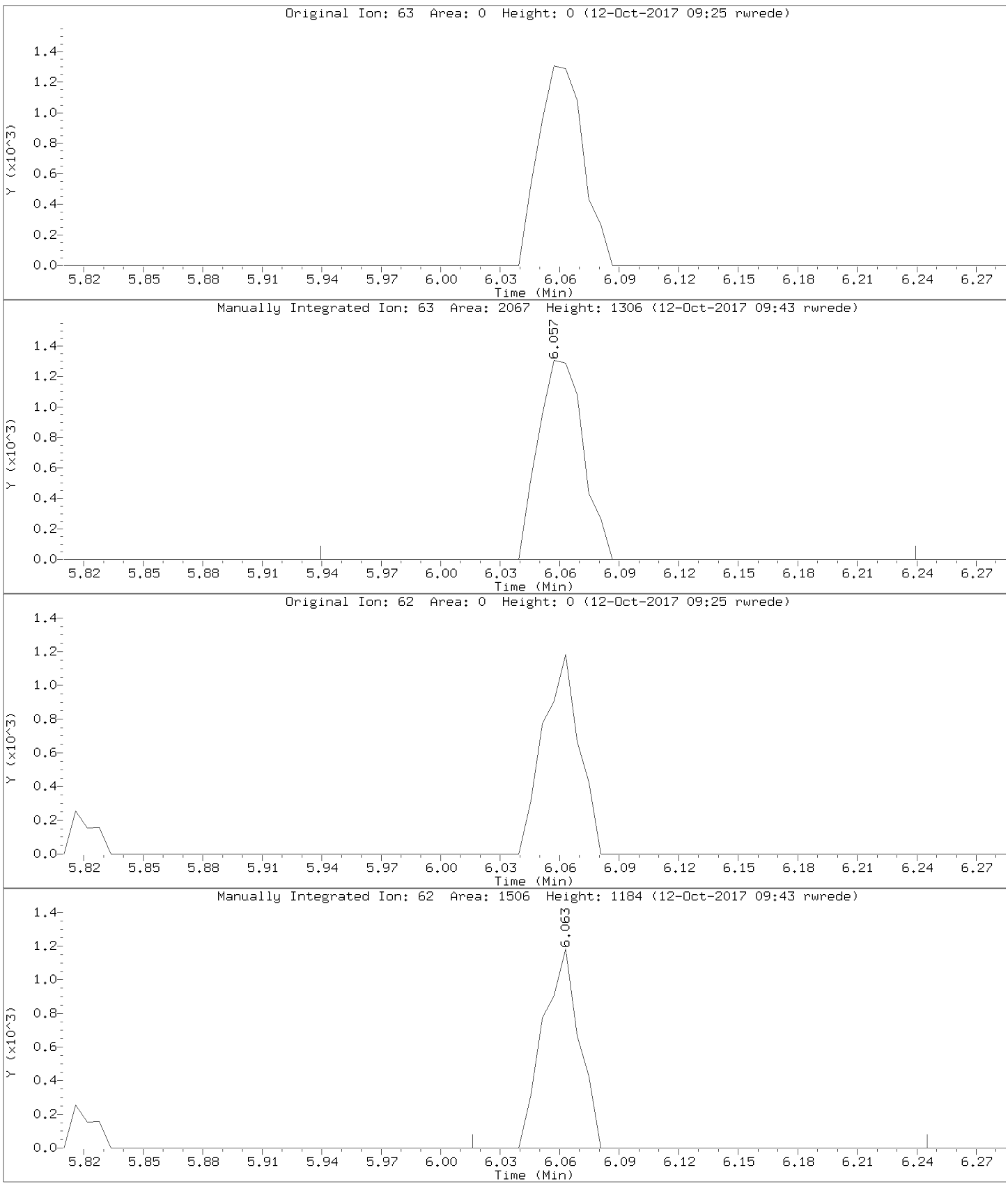
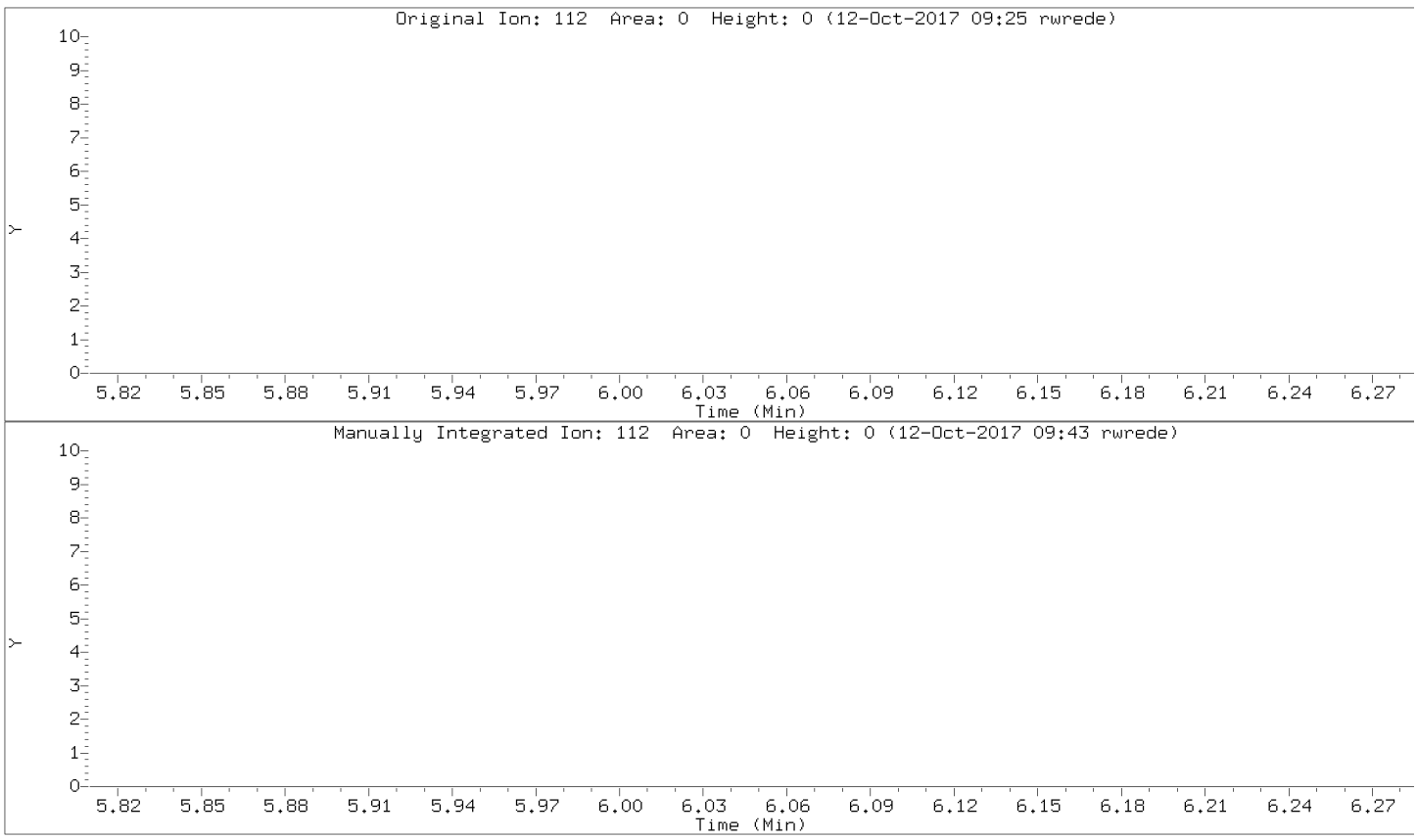
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,2-Dichloropropane Review Code:
CAS Number: 78-87-5



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a04.d
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



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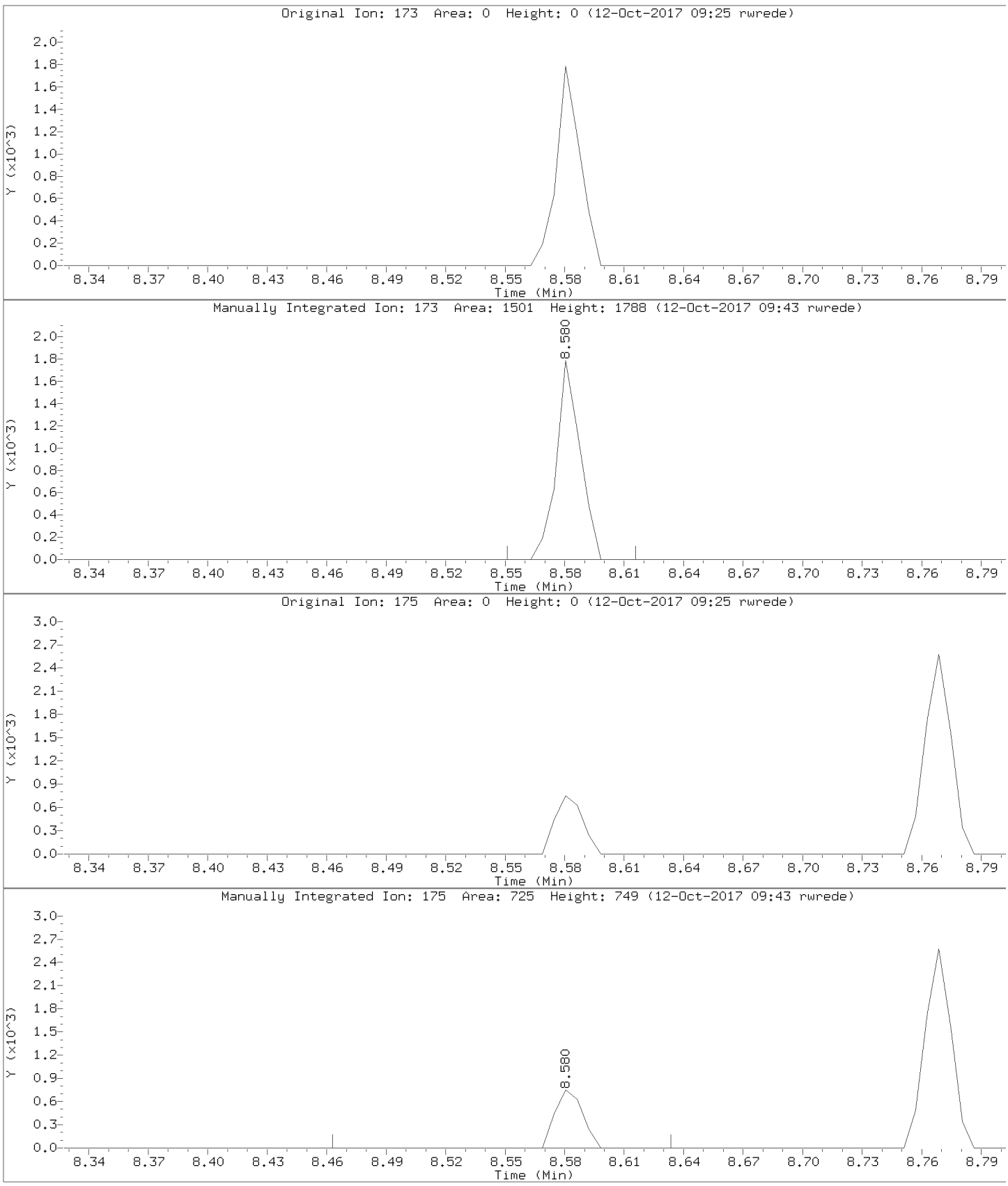
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2



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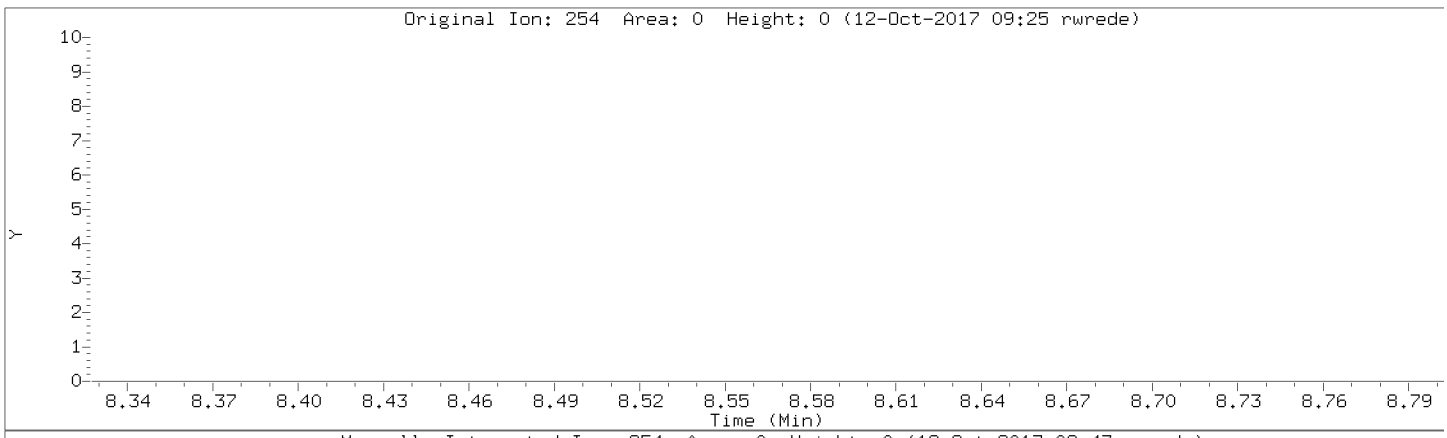
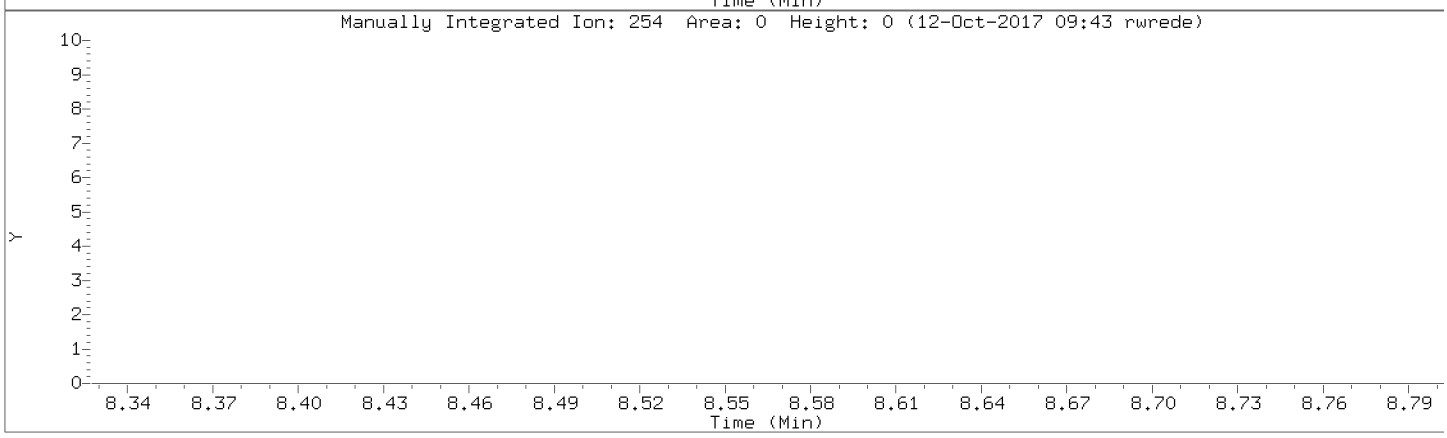
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4





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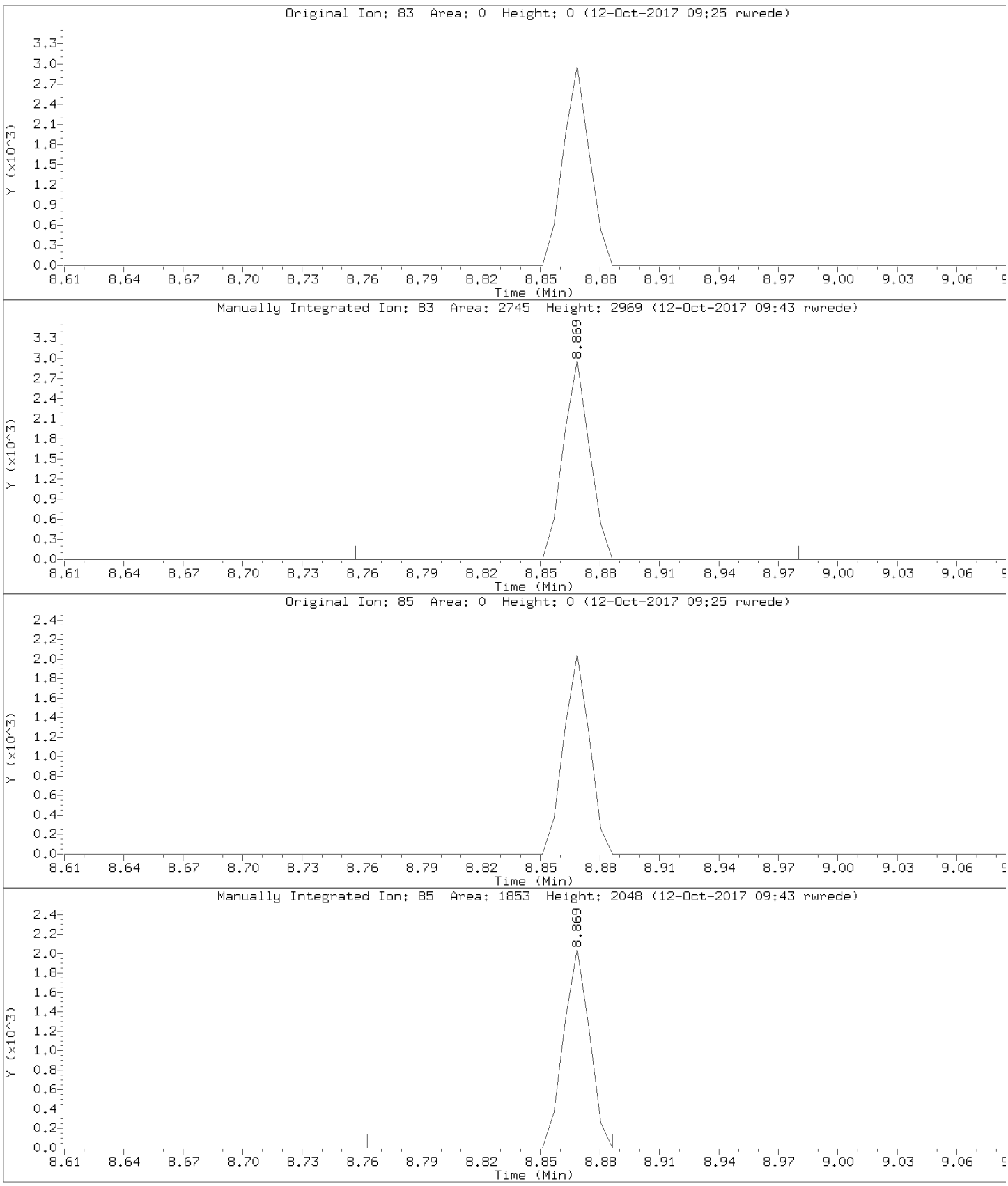
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,1,2,2-Tetrachloroethane Review Code: NI
CAS Number: 79-34-5



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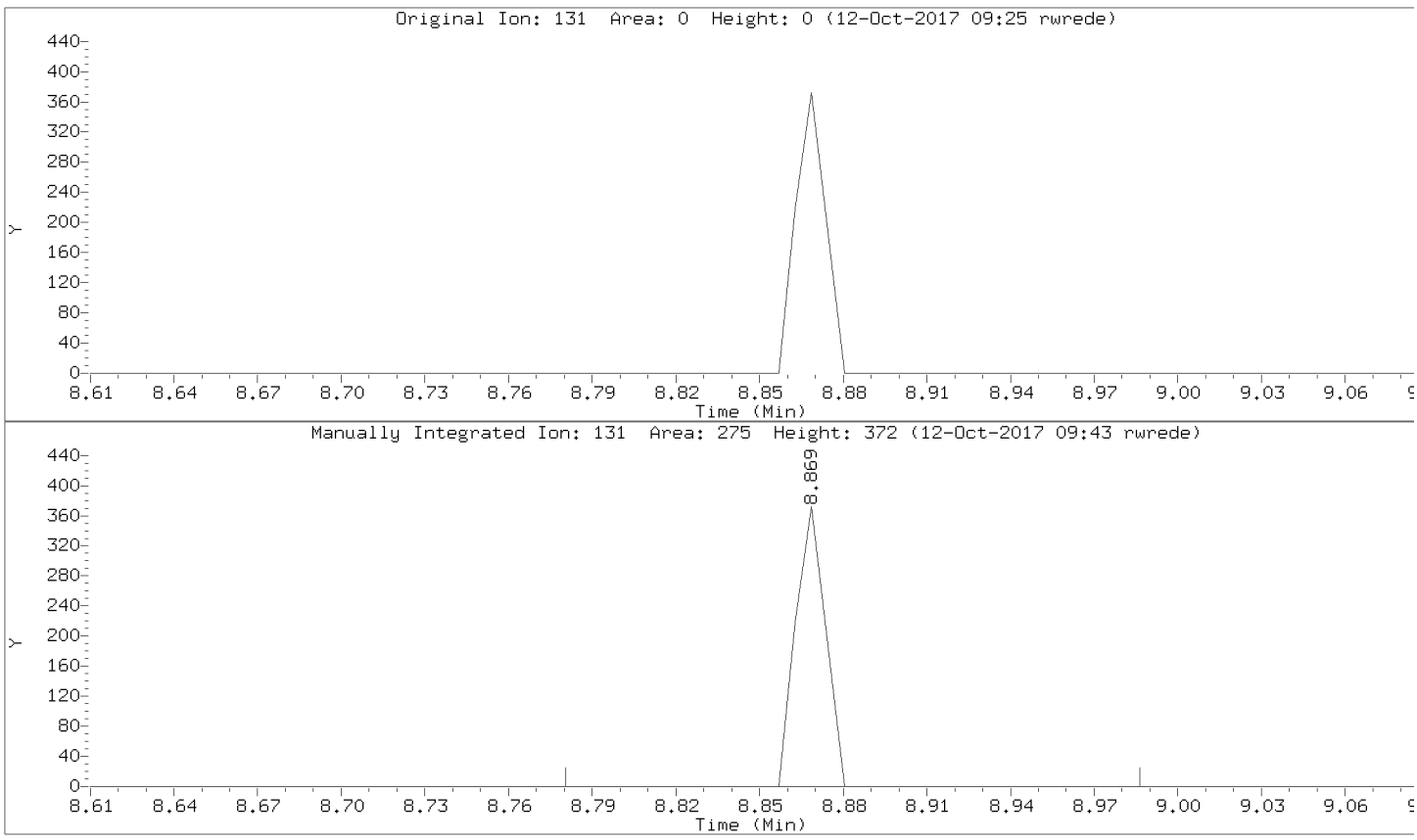
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



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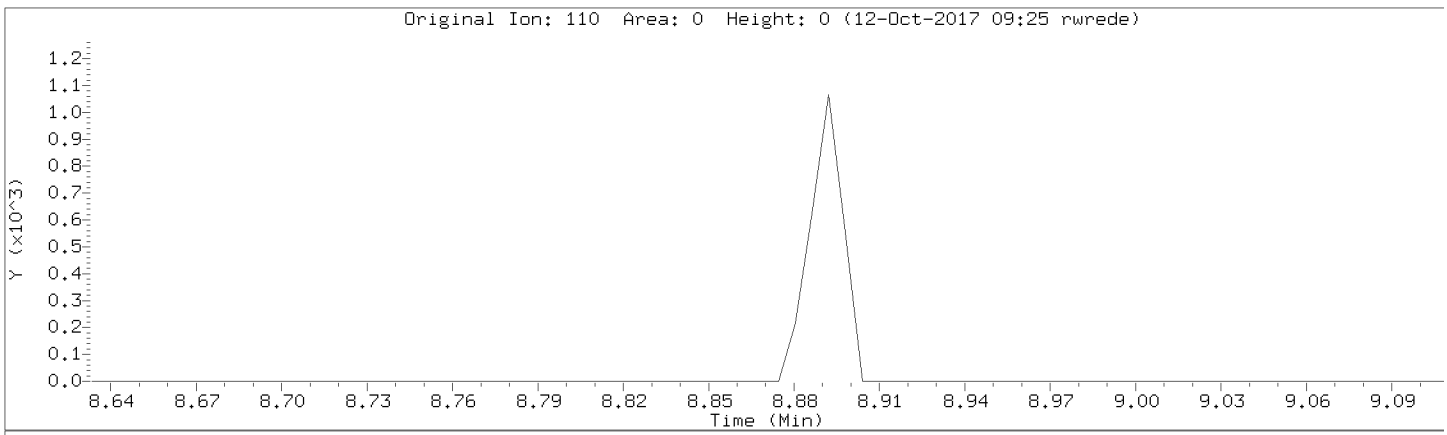
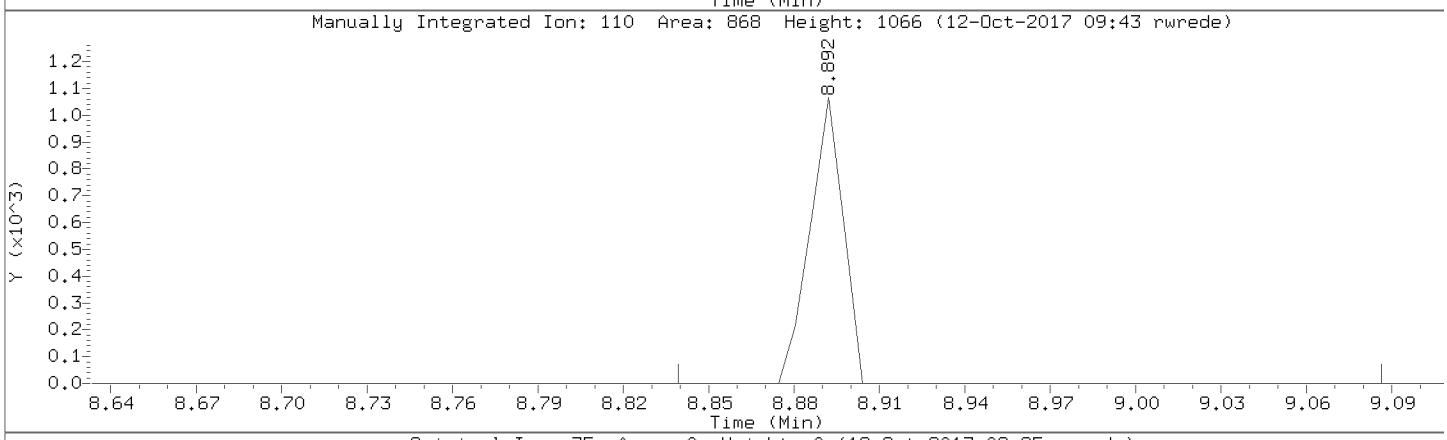
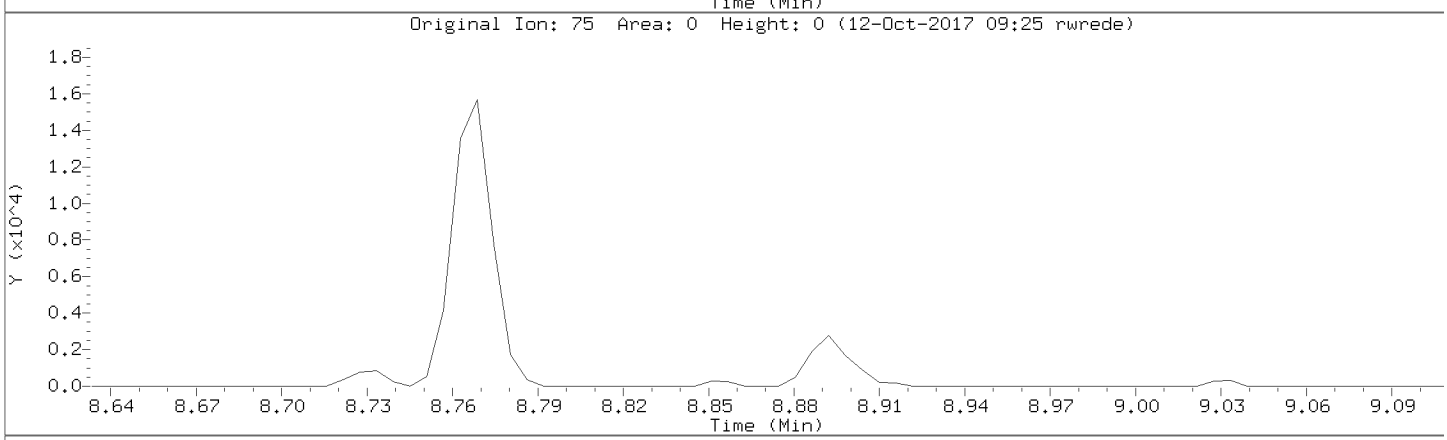
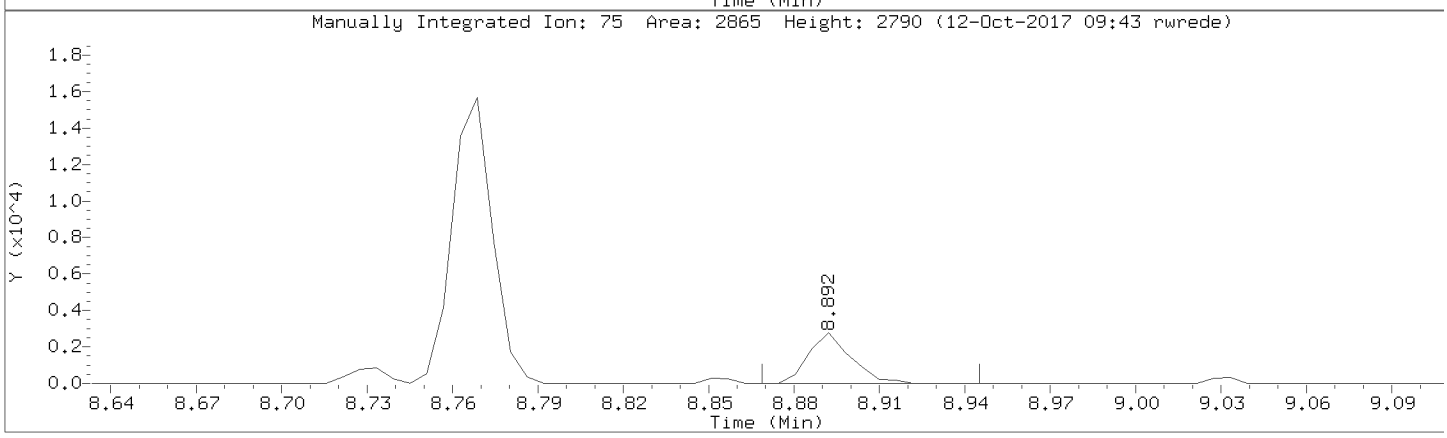
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,2,3-Trichloropropane Review Code: NI
CAS Number: 96-18-4









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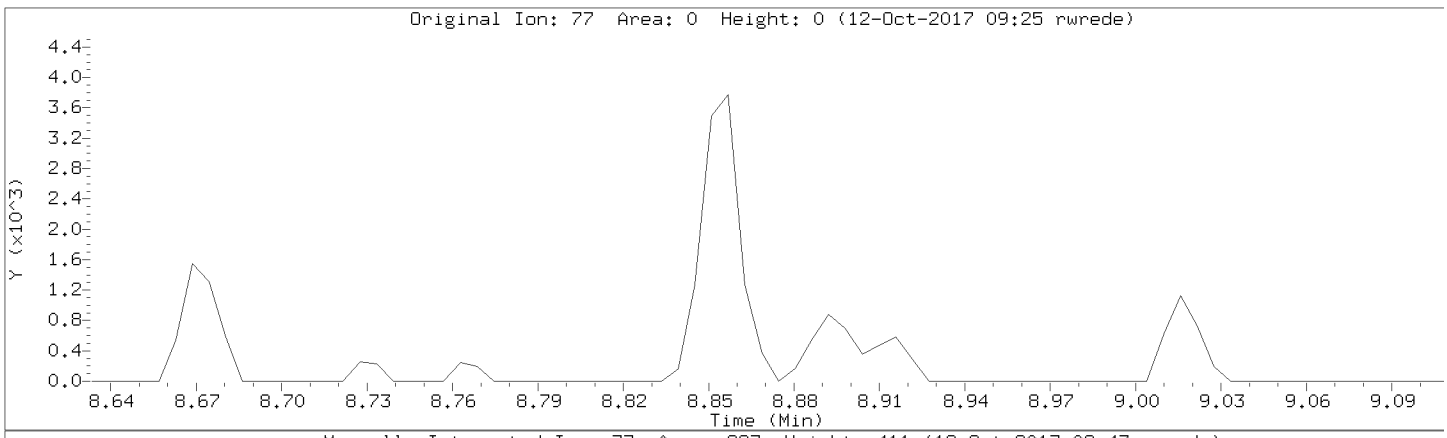
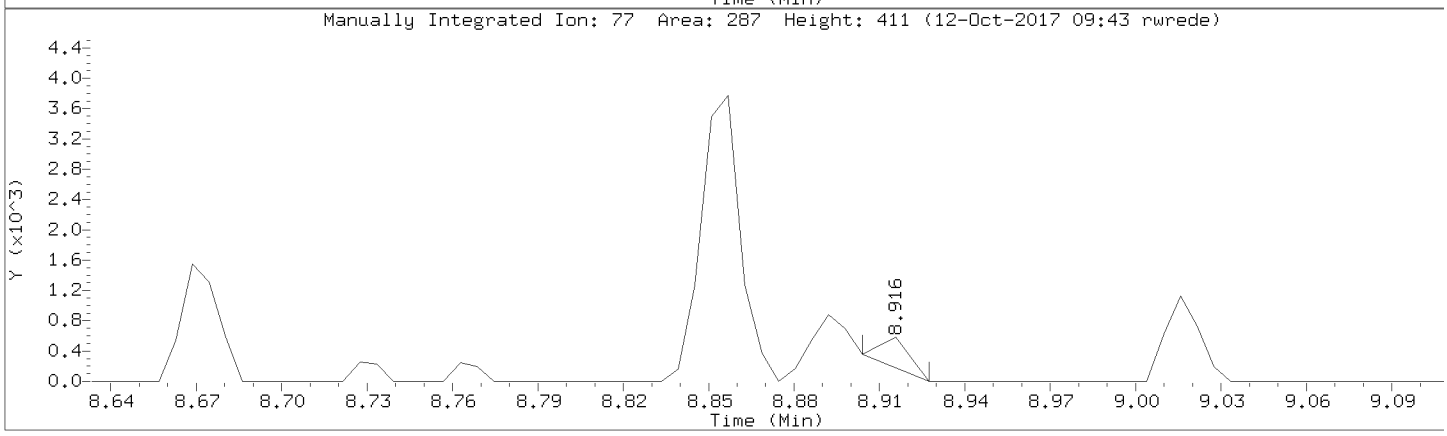
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4





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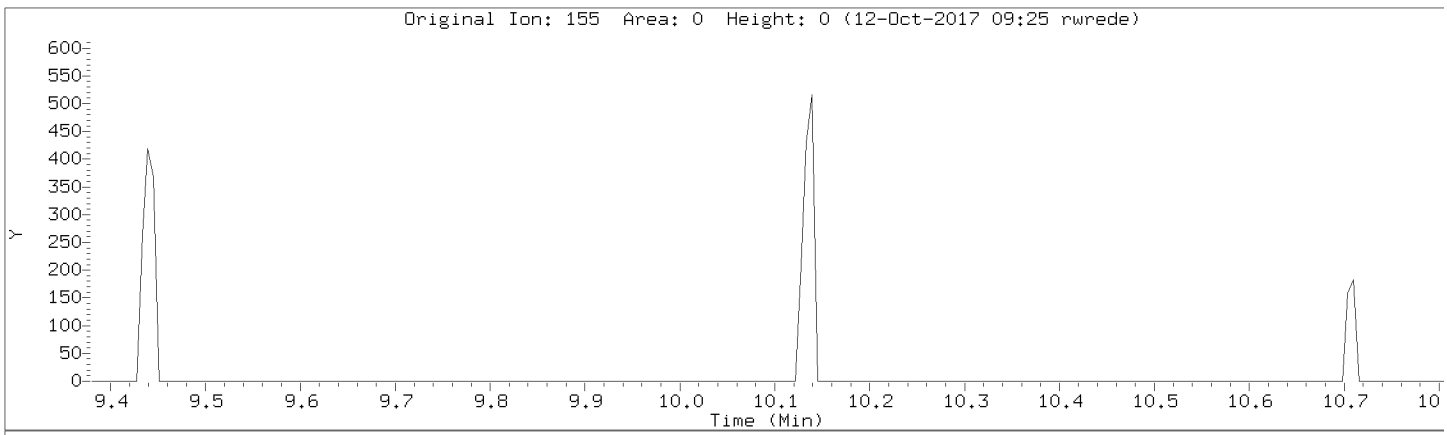
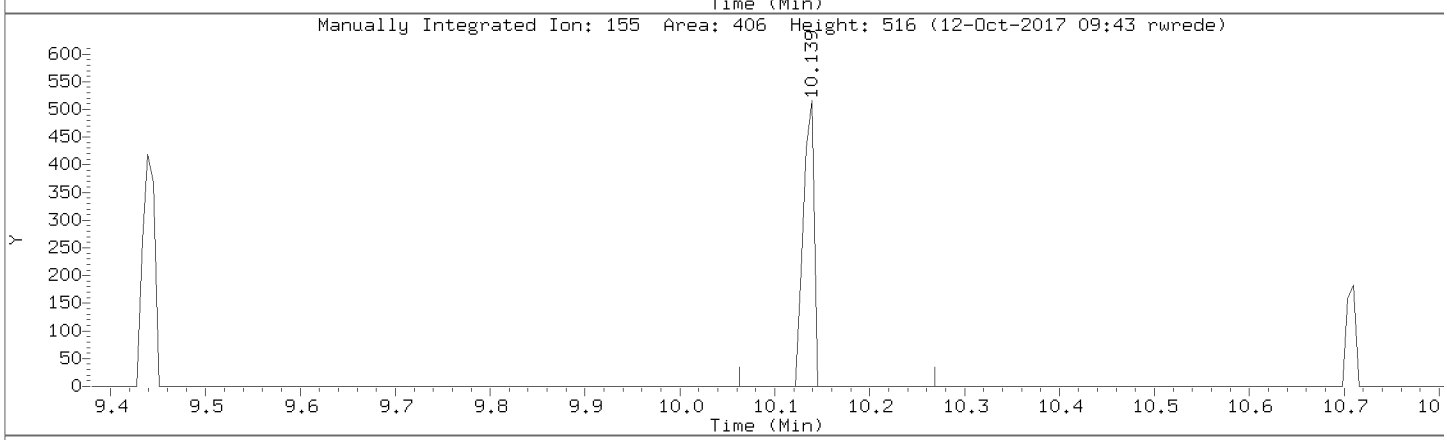
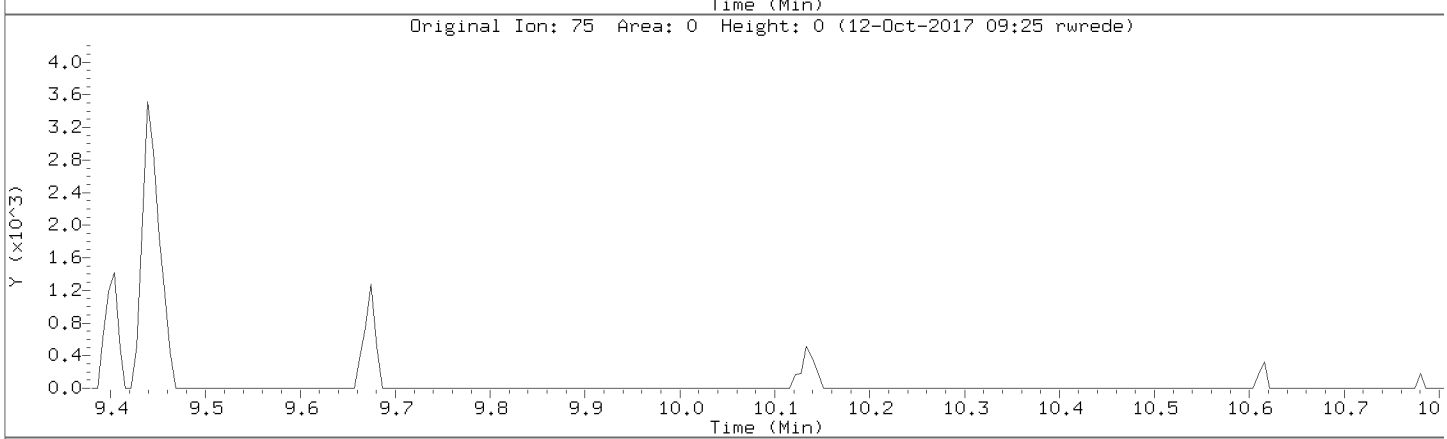
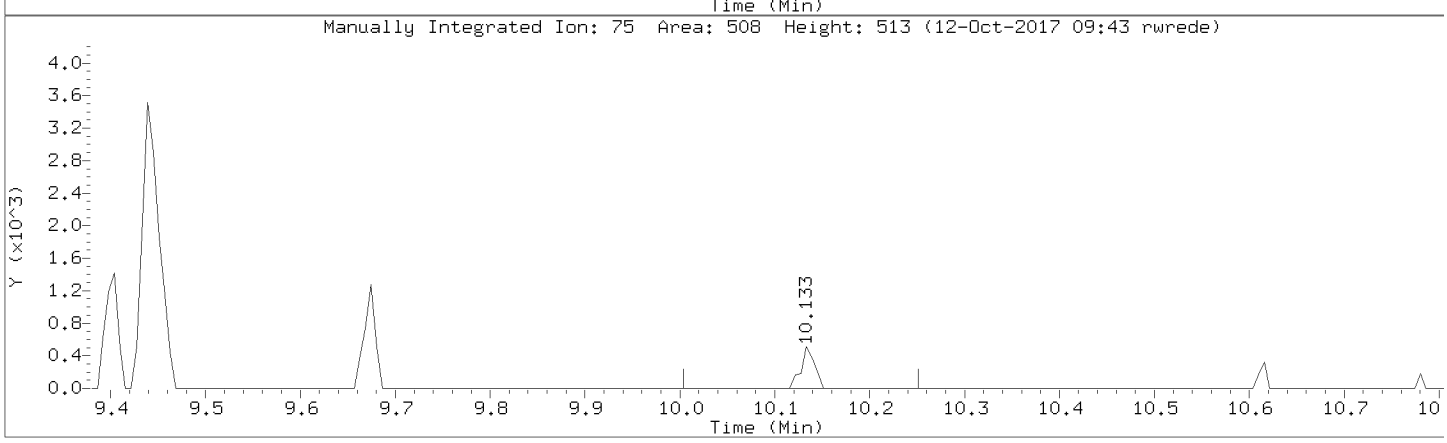
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,2-Dibromo-3-chloropropane Review Code: NI
CAS Number: 96-12-8









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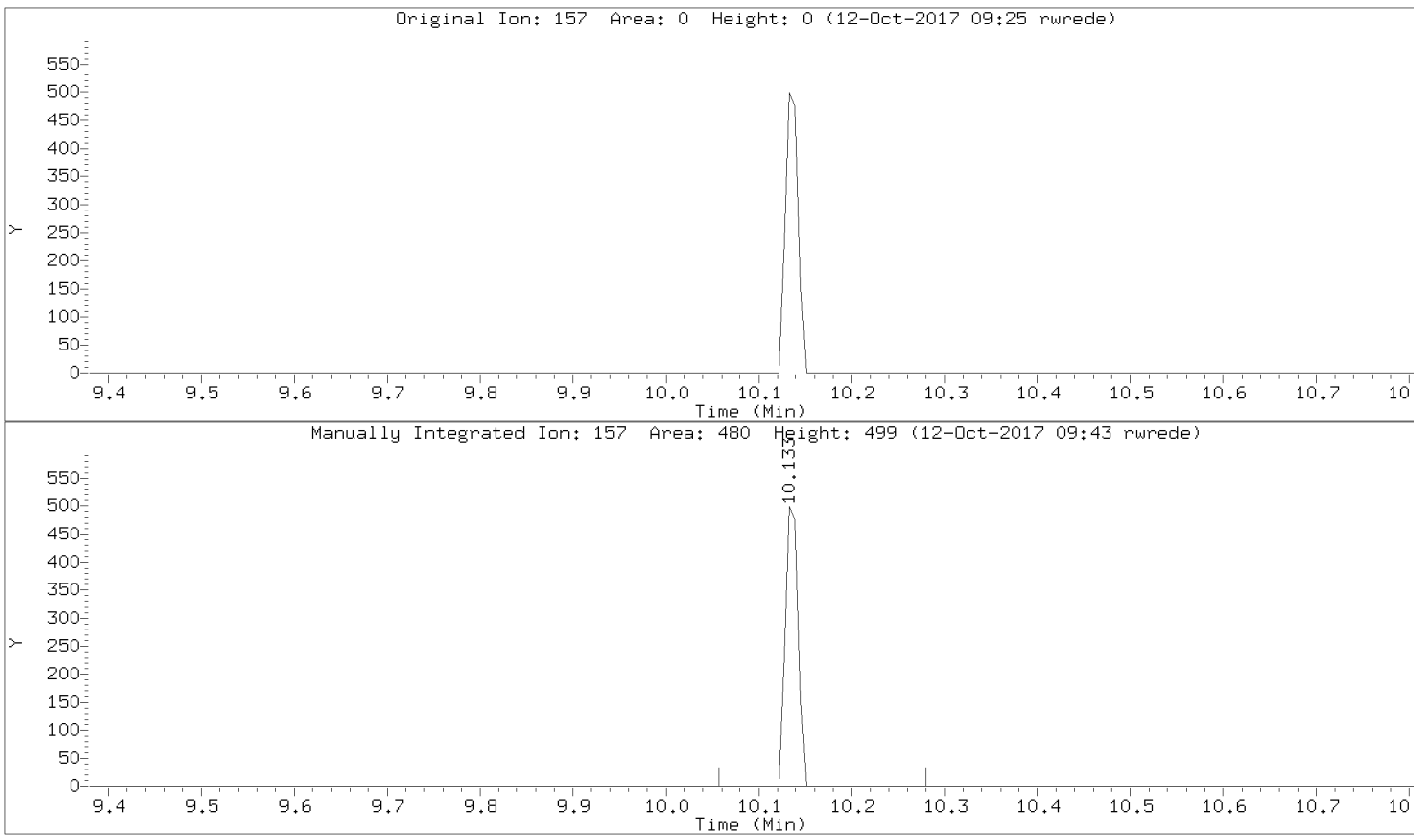
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



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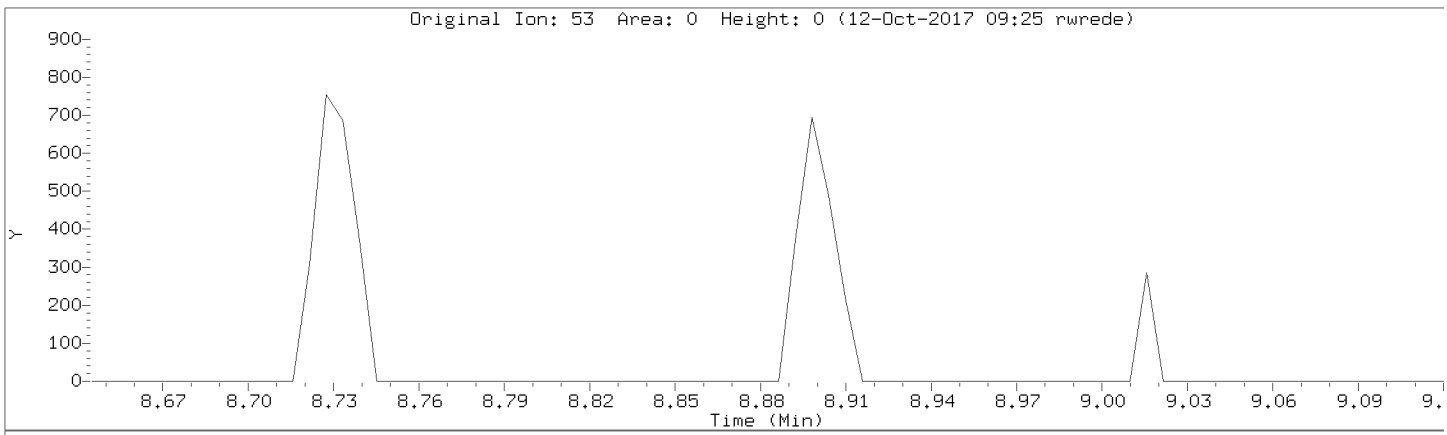
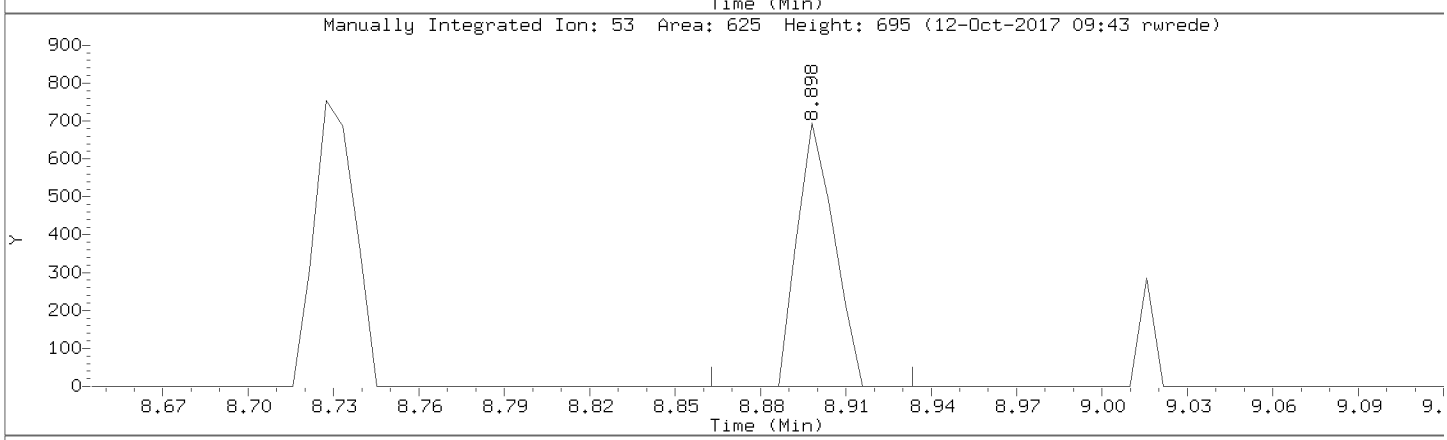
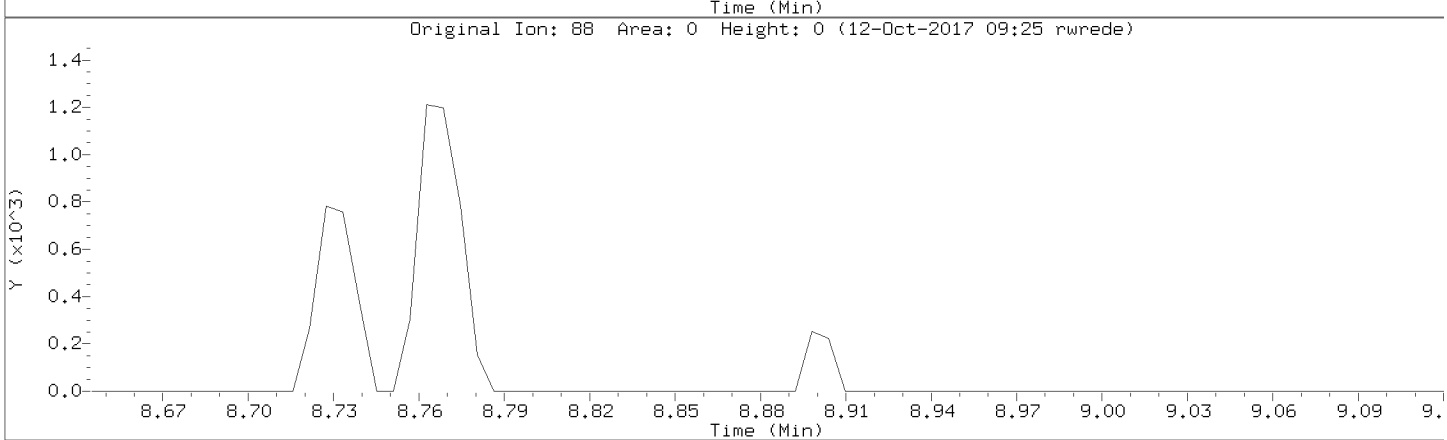
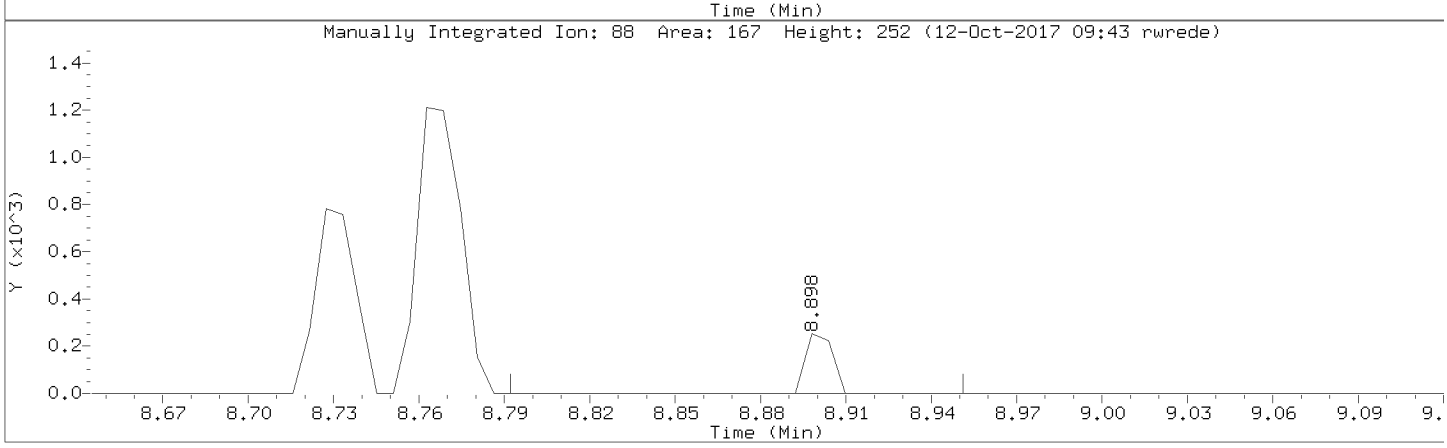
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: trans-1,4-Dichloro-2-butene Review Code: NI
CAS Number:









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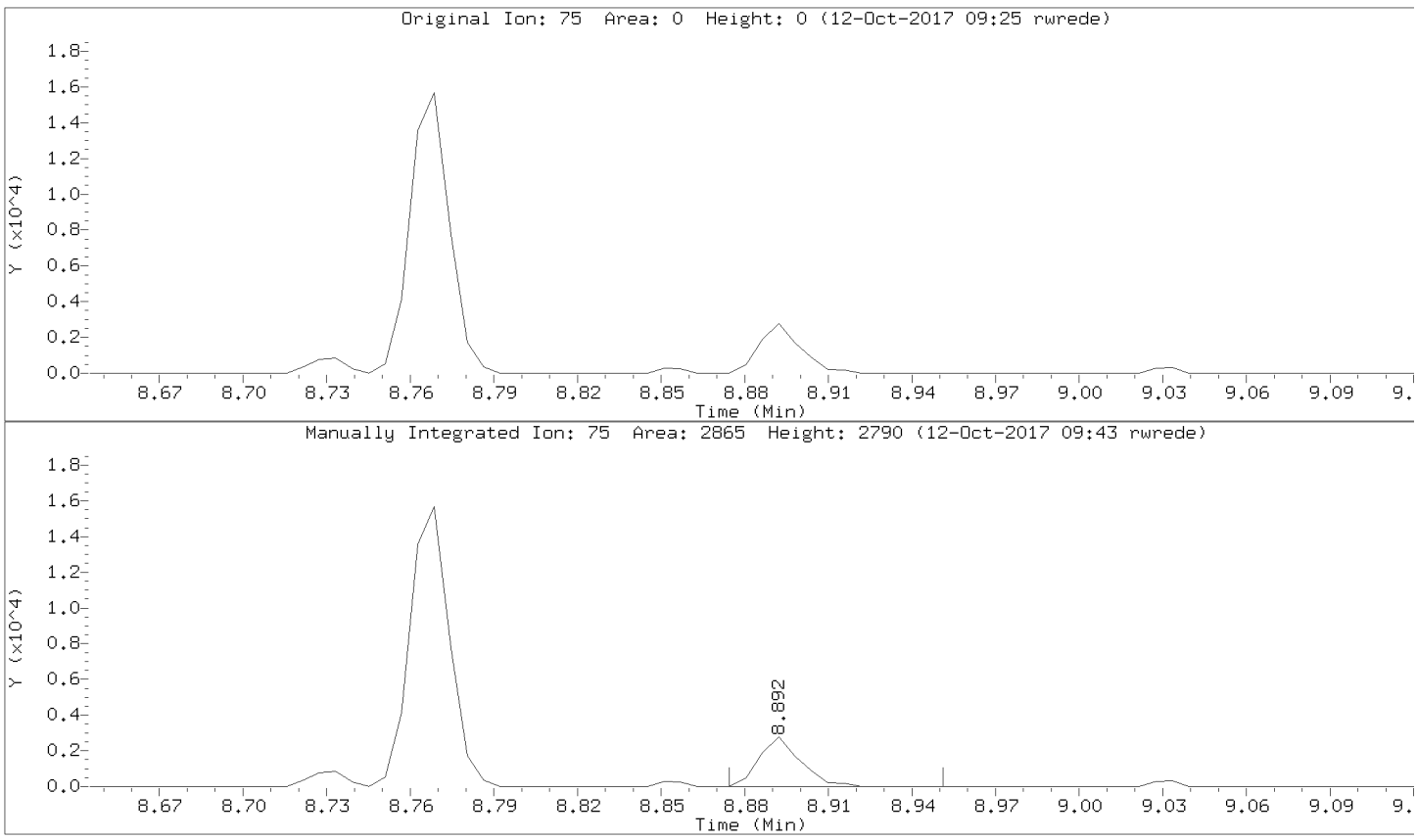
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



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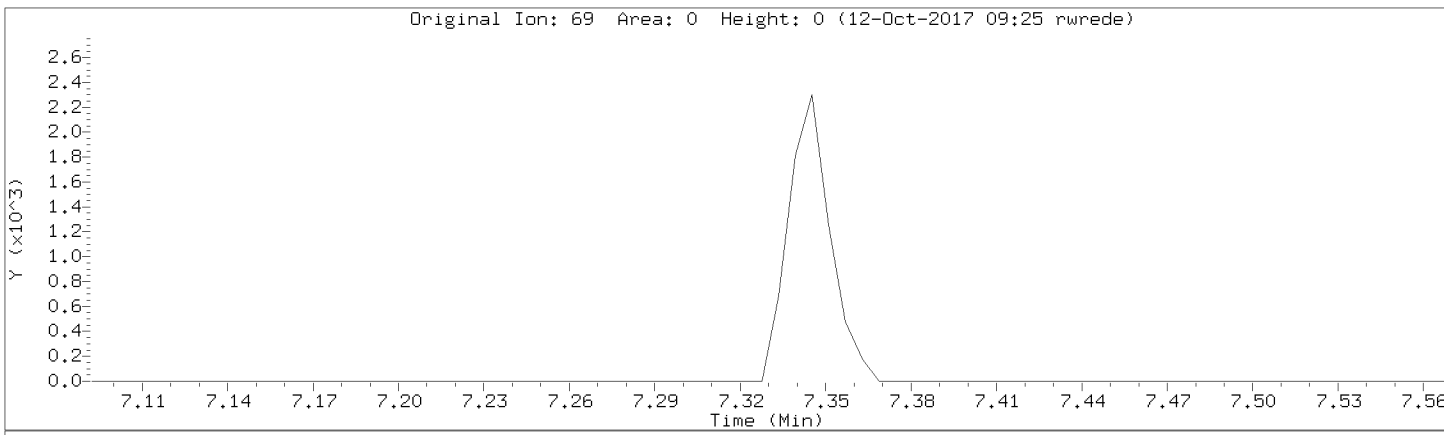
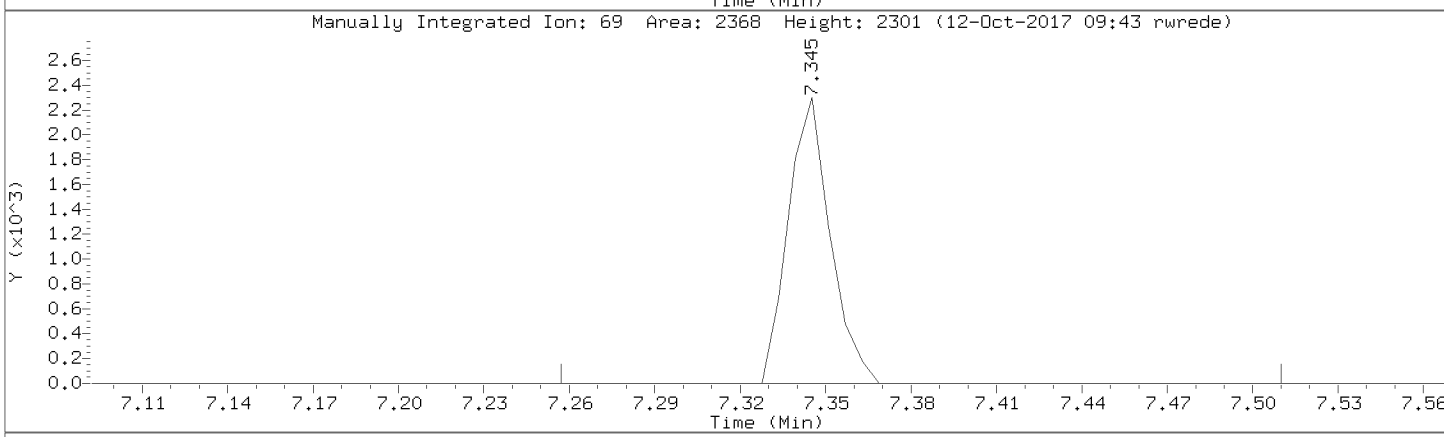
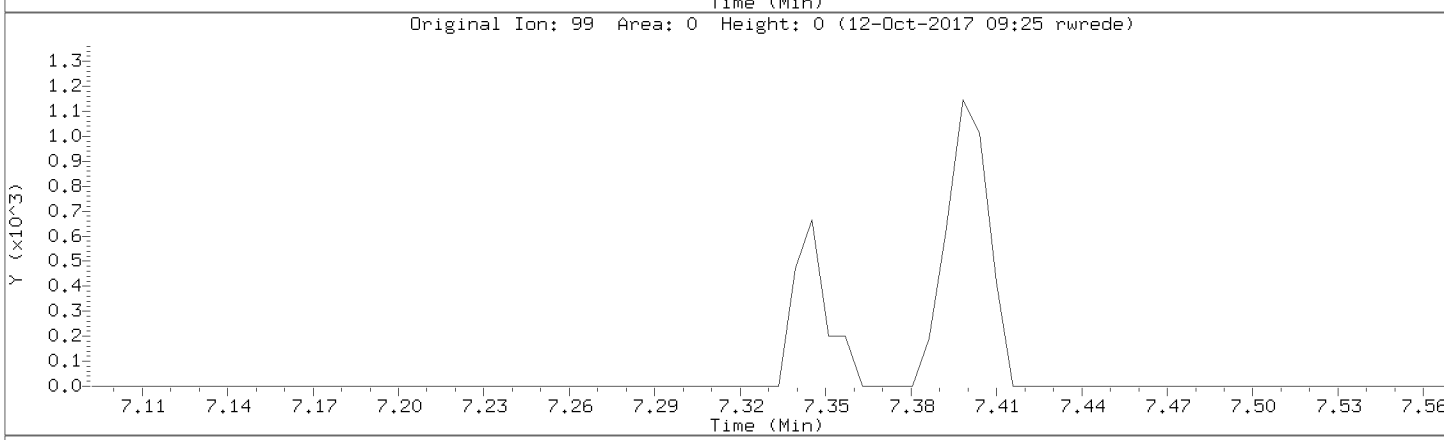
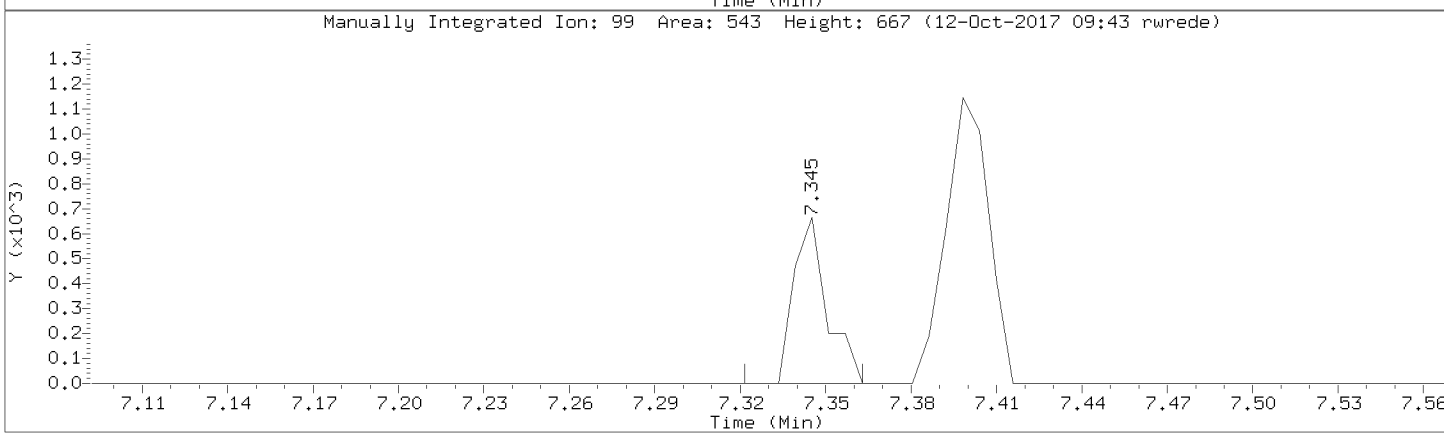
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Ethyl Methacrylate Review Code: NI
CAS Number:









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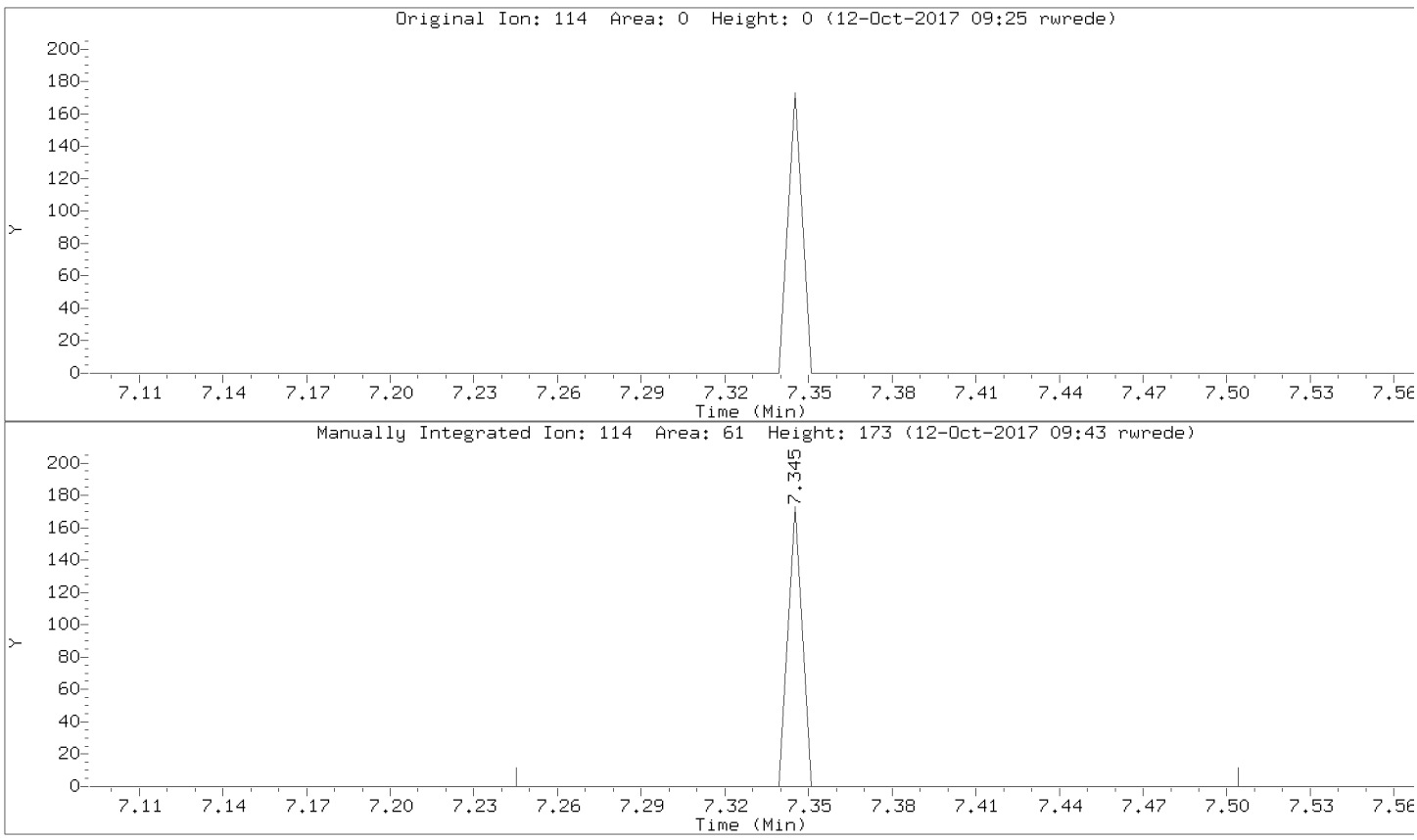
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



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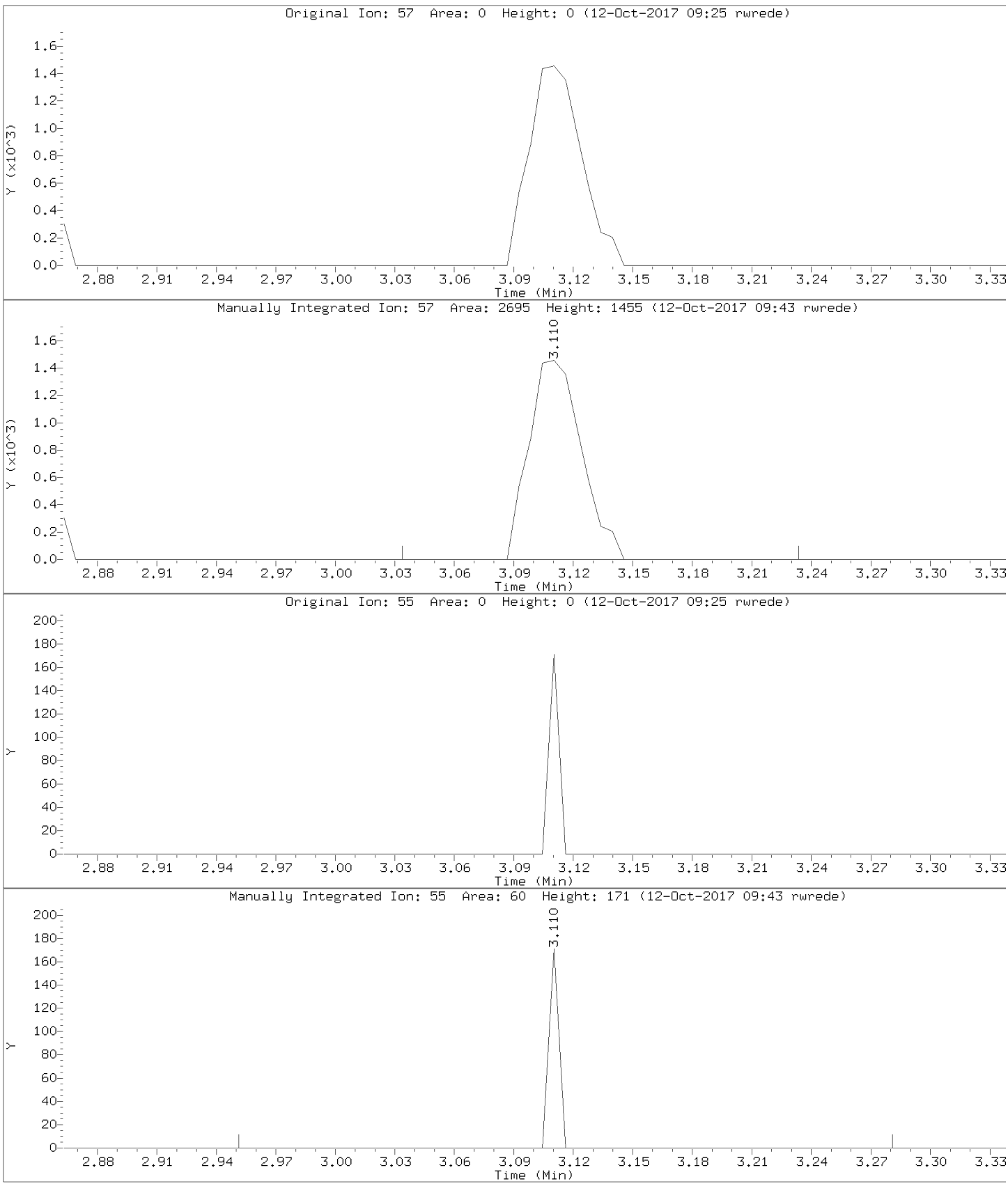
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: n-Hexane Review Code: NI
CAS Number:



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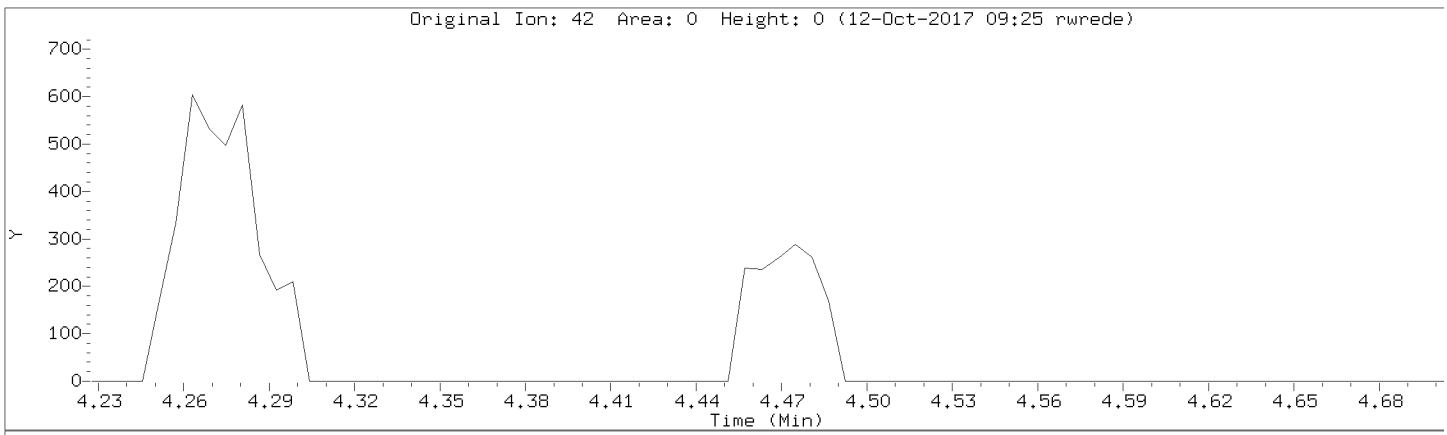
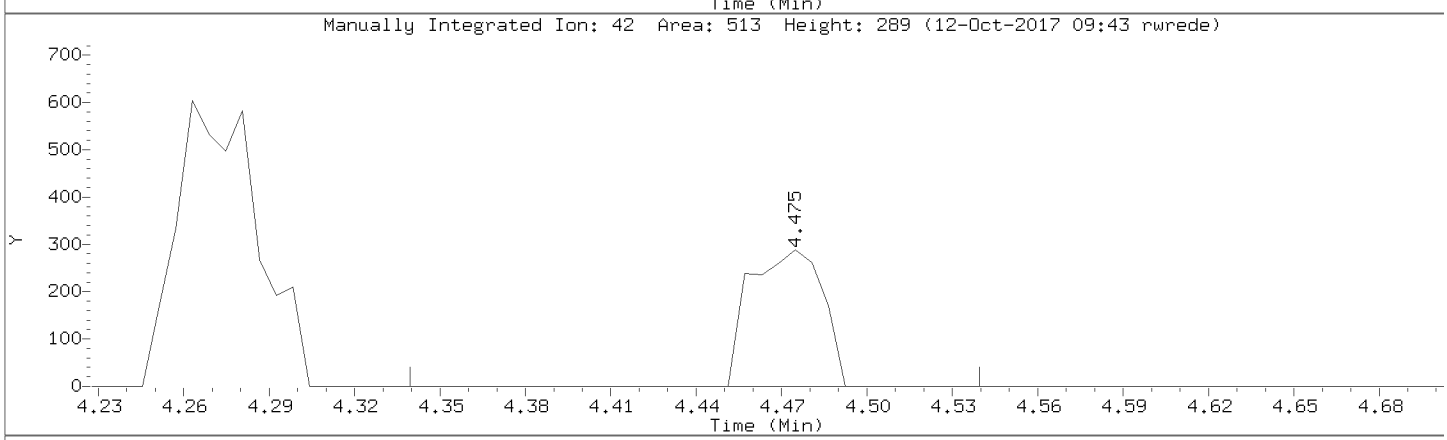
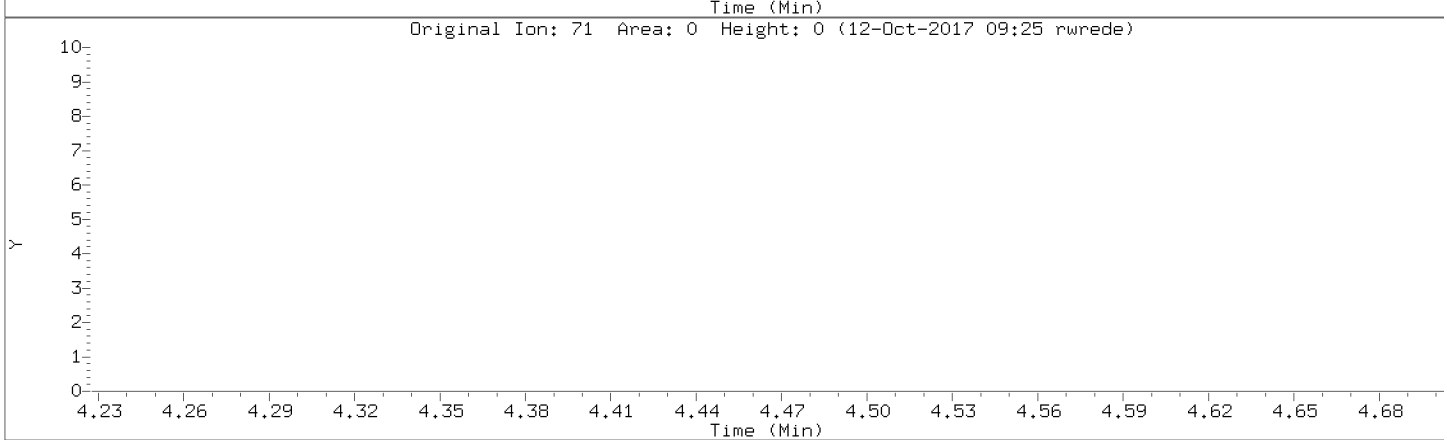
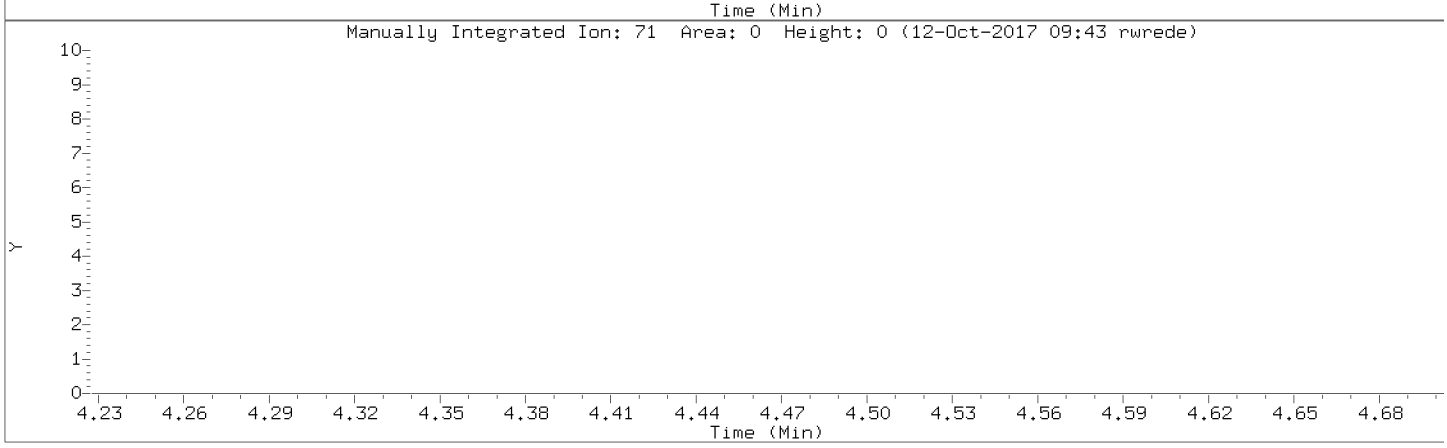
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Tetrahydrofuran Review Code: NI
CAS Number:









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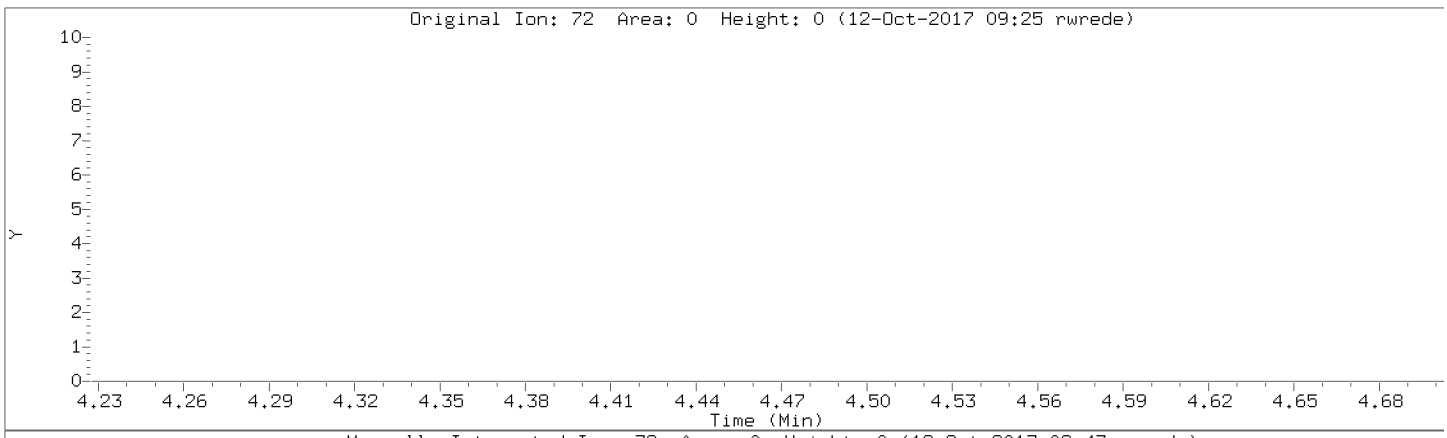
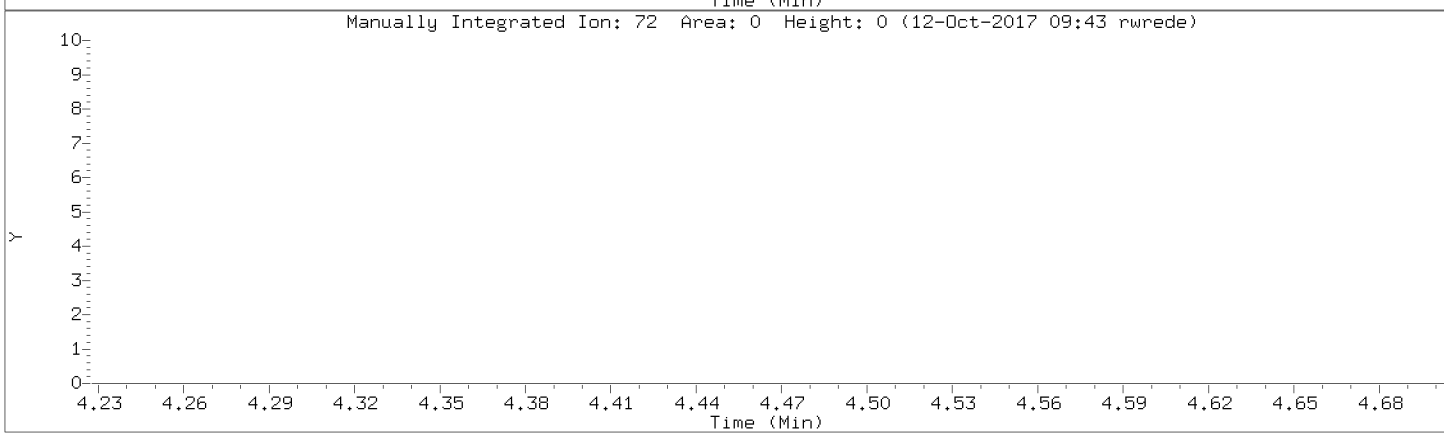
Lab Sample ID: 8260-CAL4





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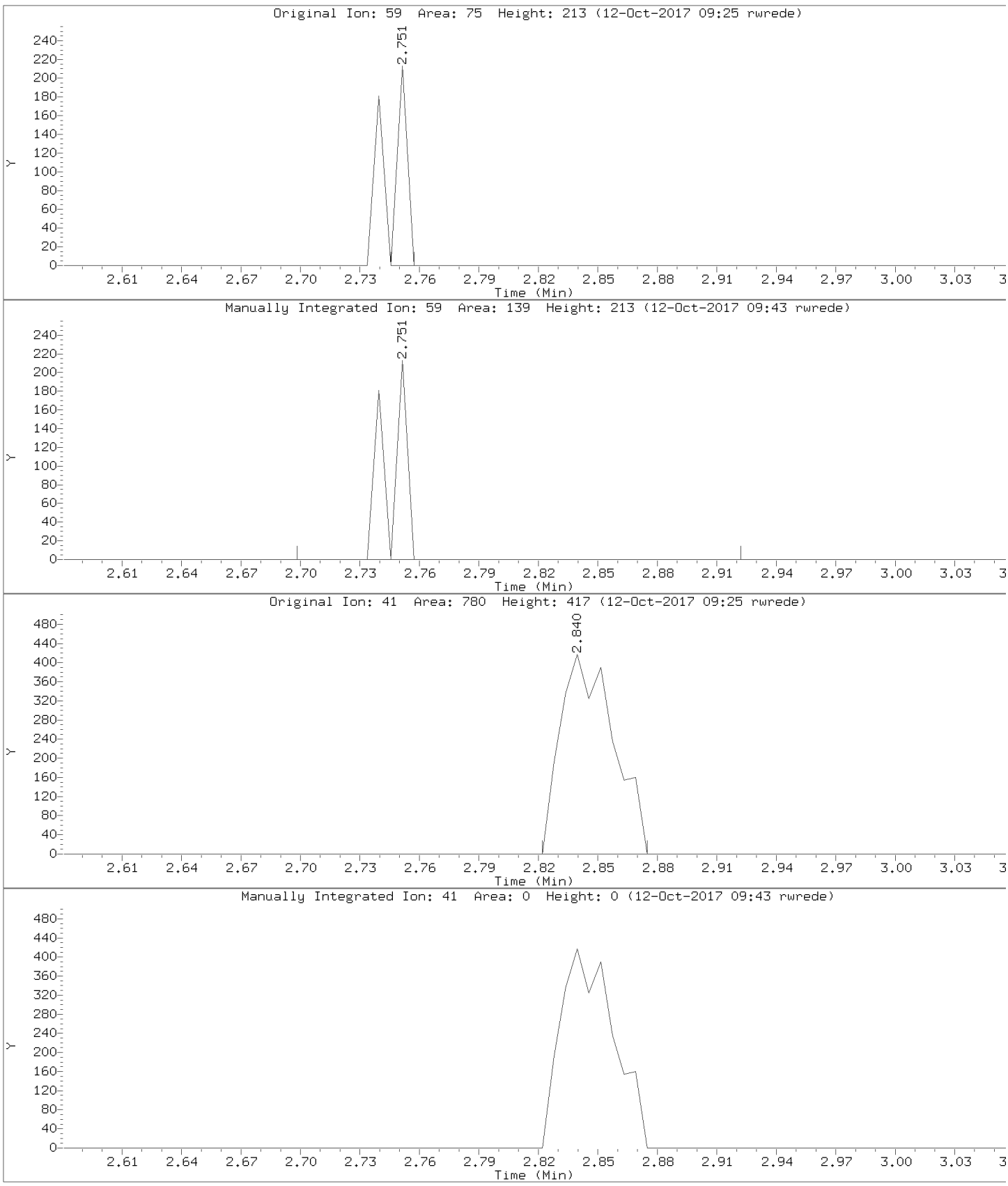
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: tert-Butyl Alcohol Review Code:
CAS Number: 75-65-0



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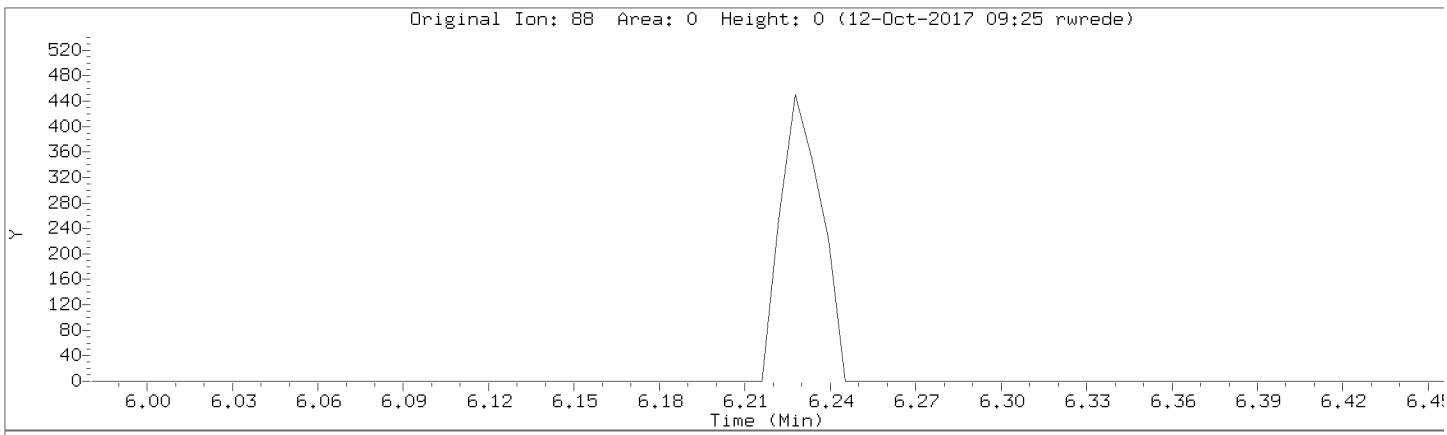
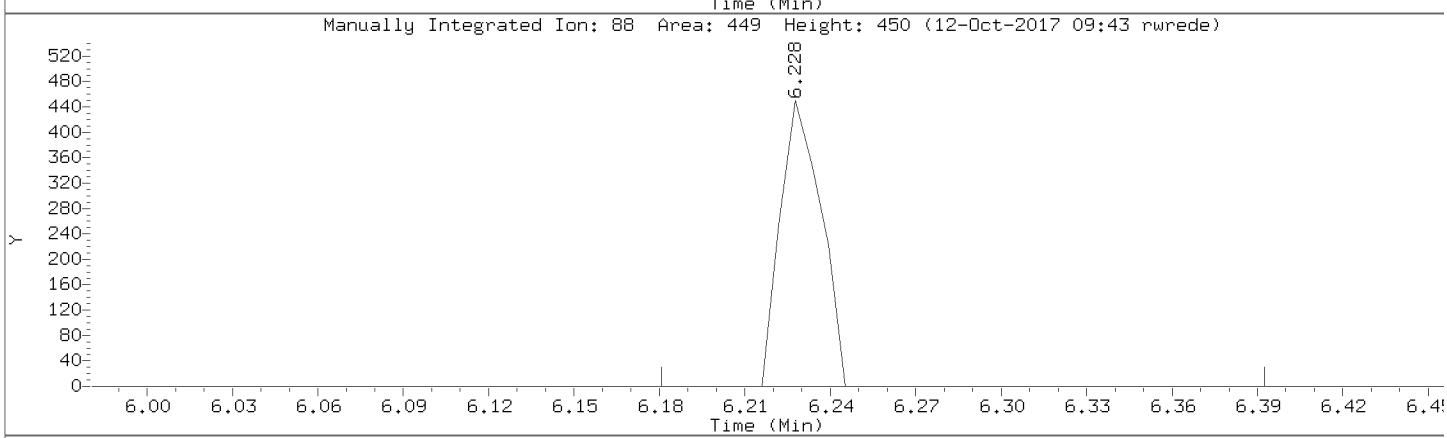
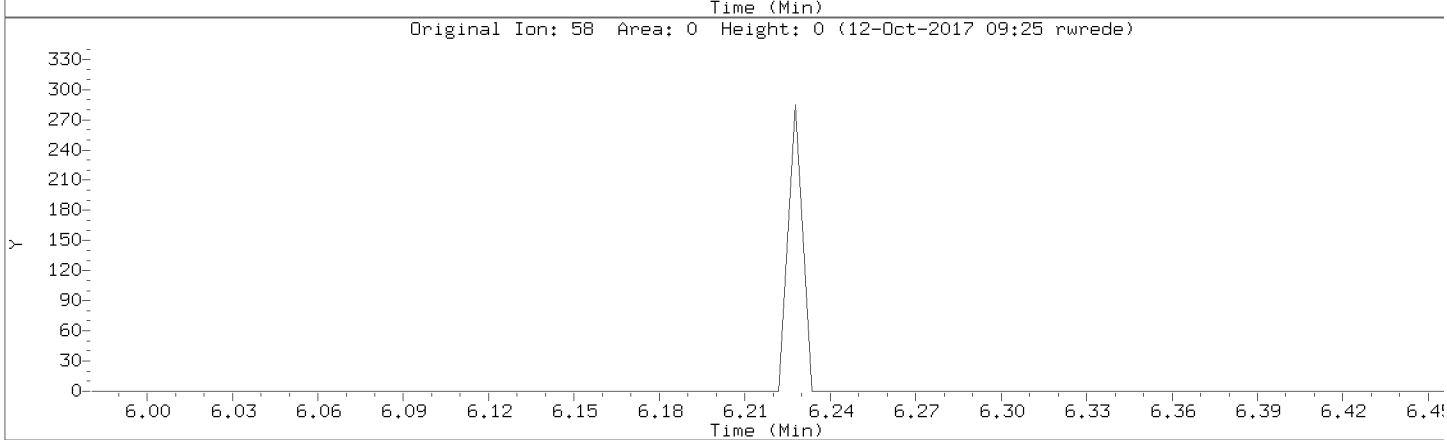
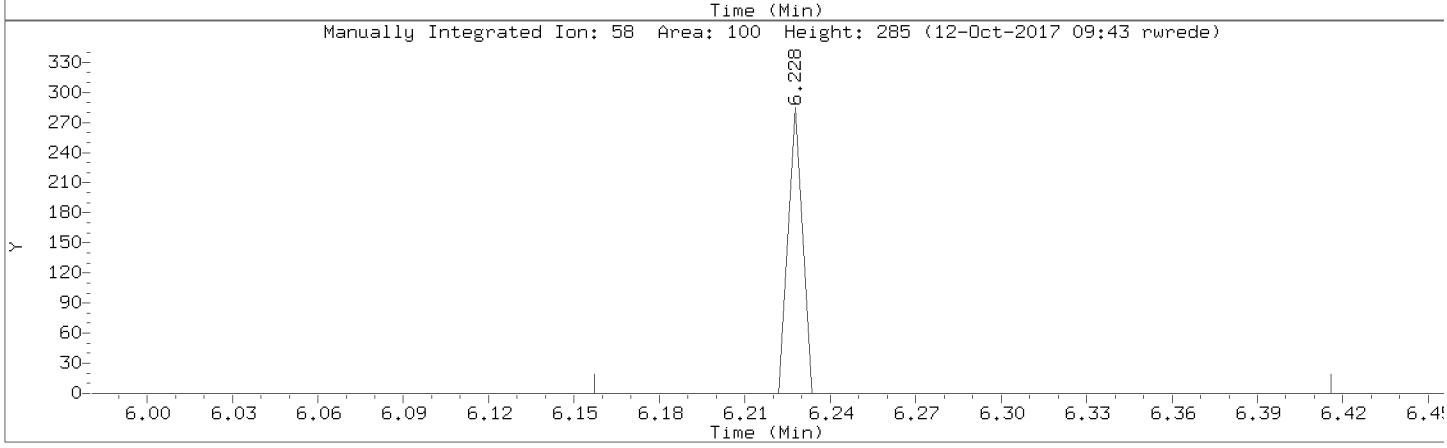
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: 1,4-Dioxane Review Code: NI
CAS Number:



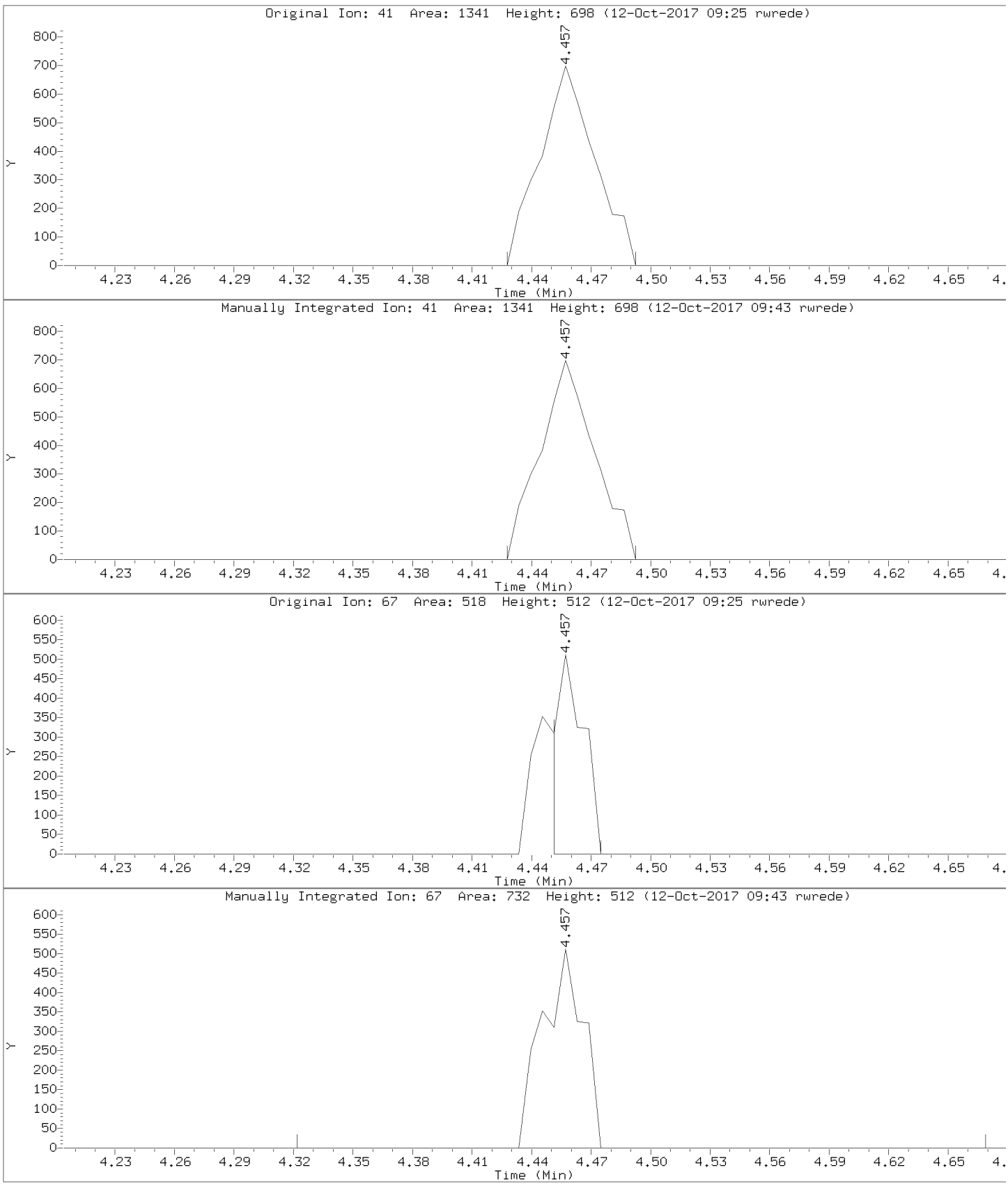






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a04.d
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Methacrylonitrile Review Code: LT
CAS Number: 126-98-7



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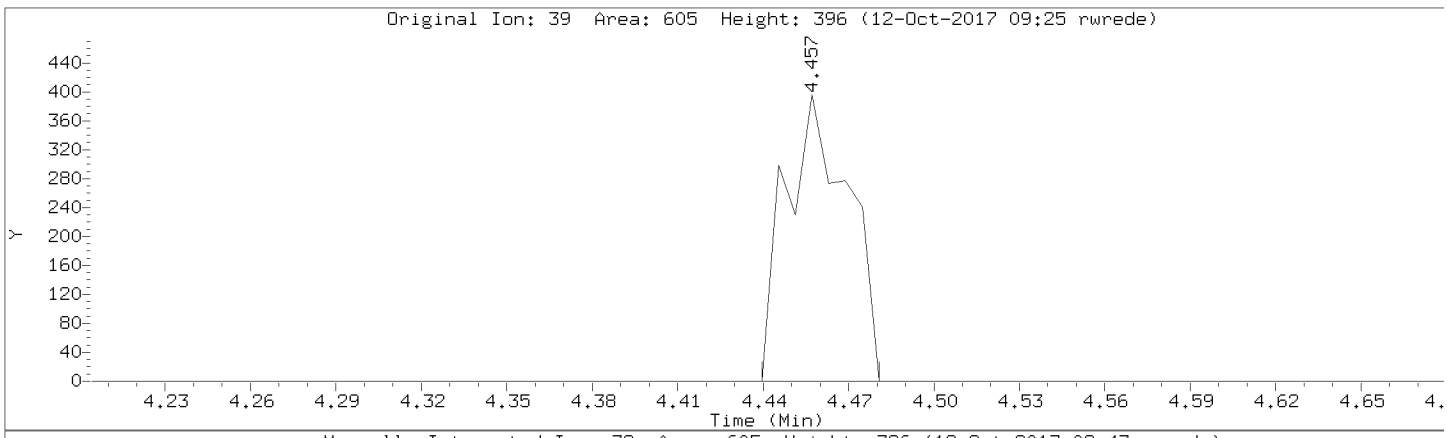
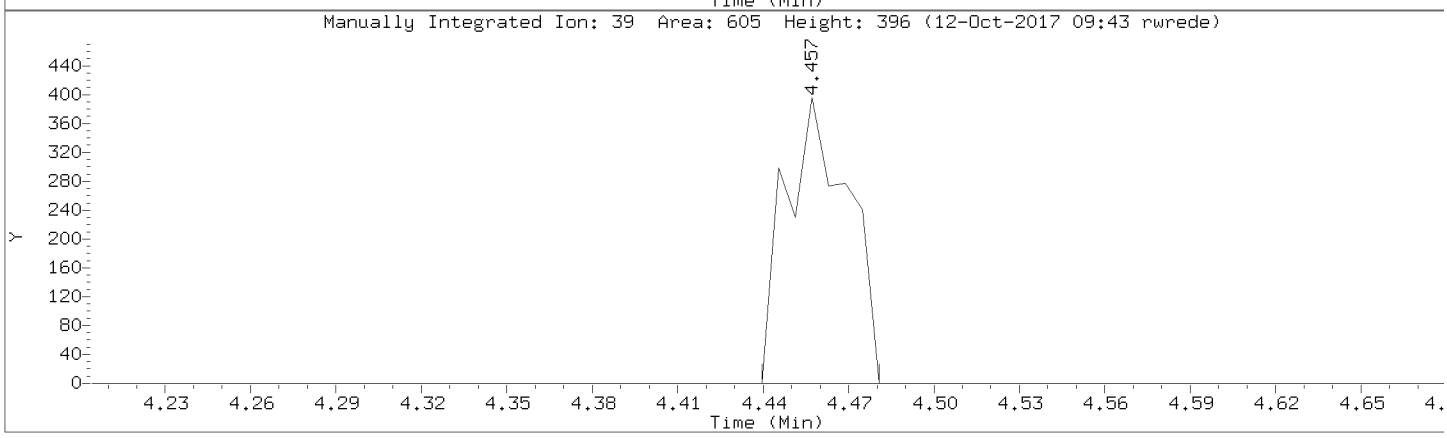
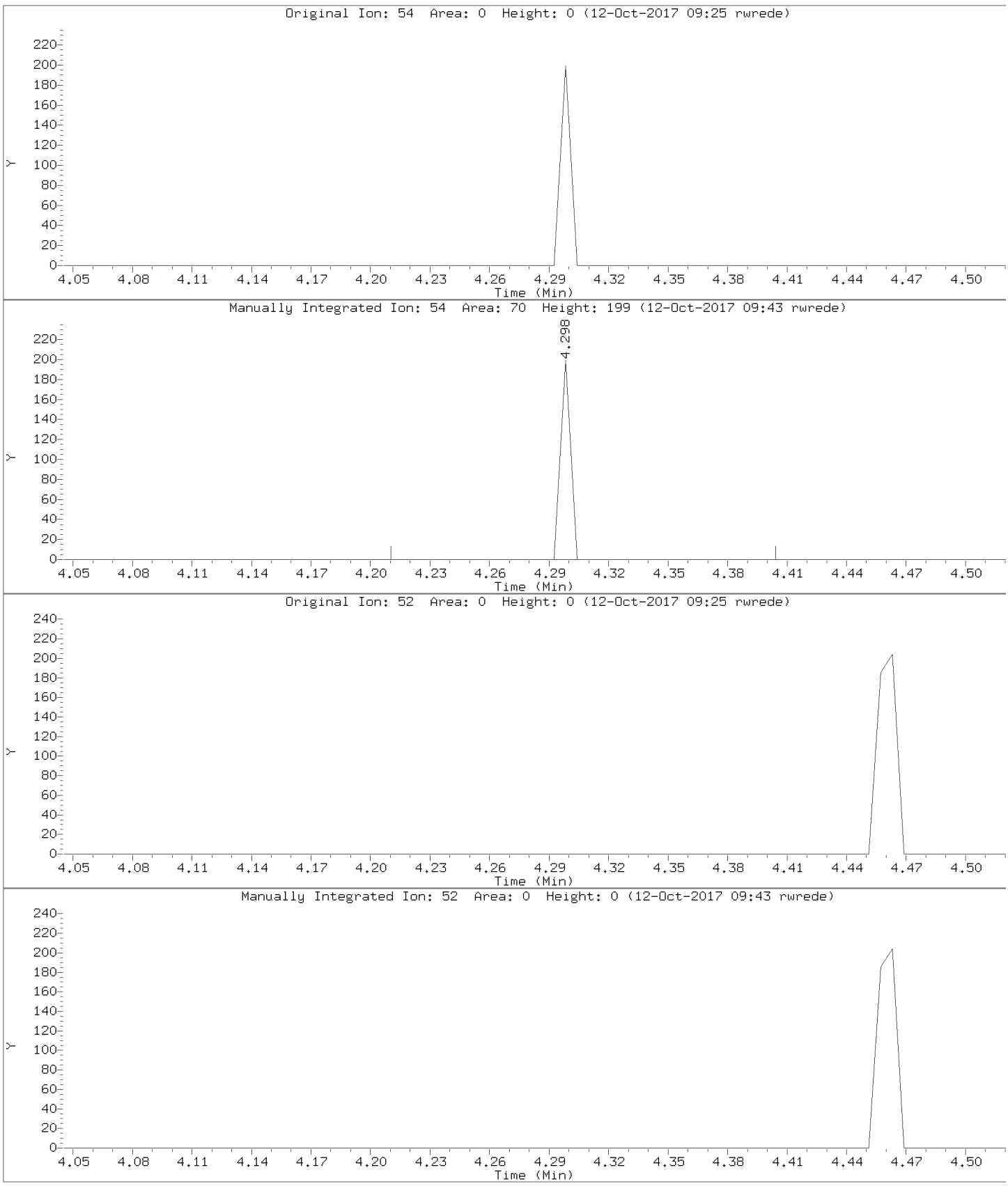
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4



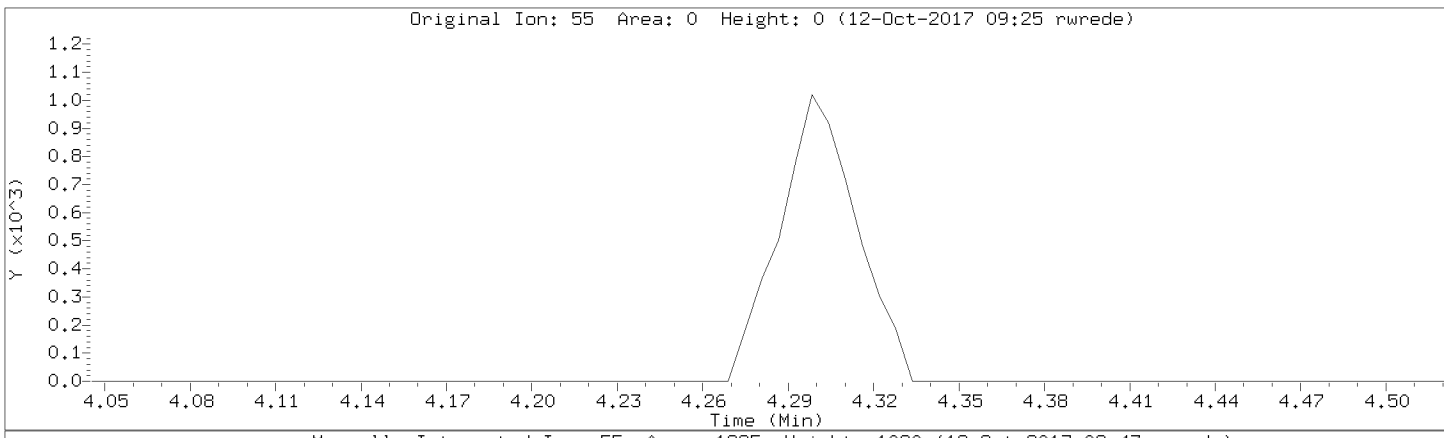


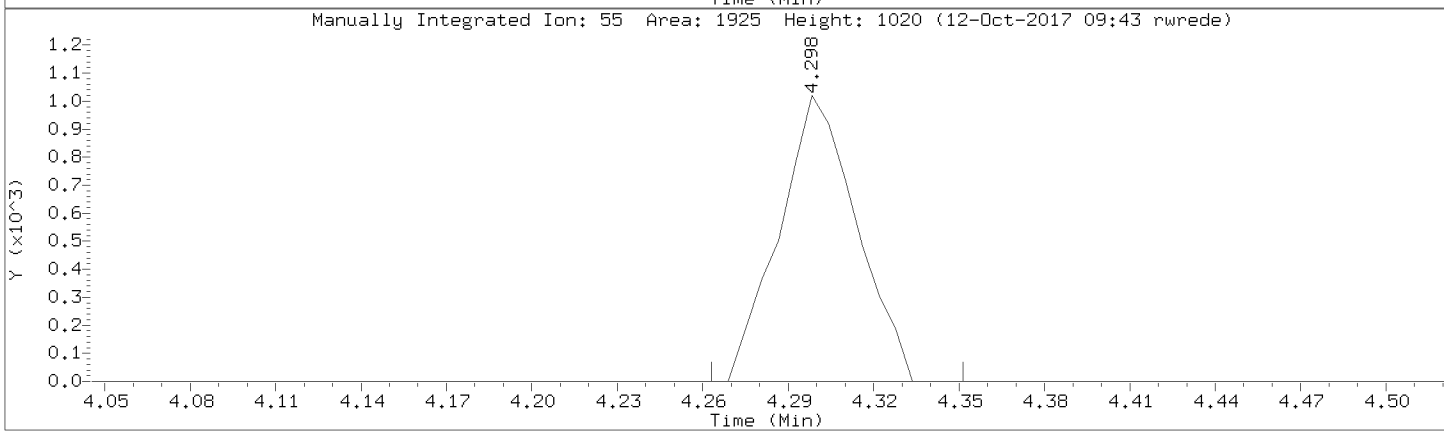
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a04.d
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Propionitrile Review Code: NI
CAS Number: 107-12-0



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a04.d
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4





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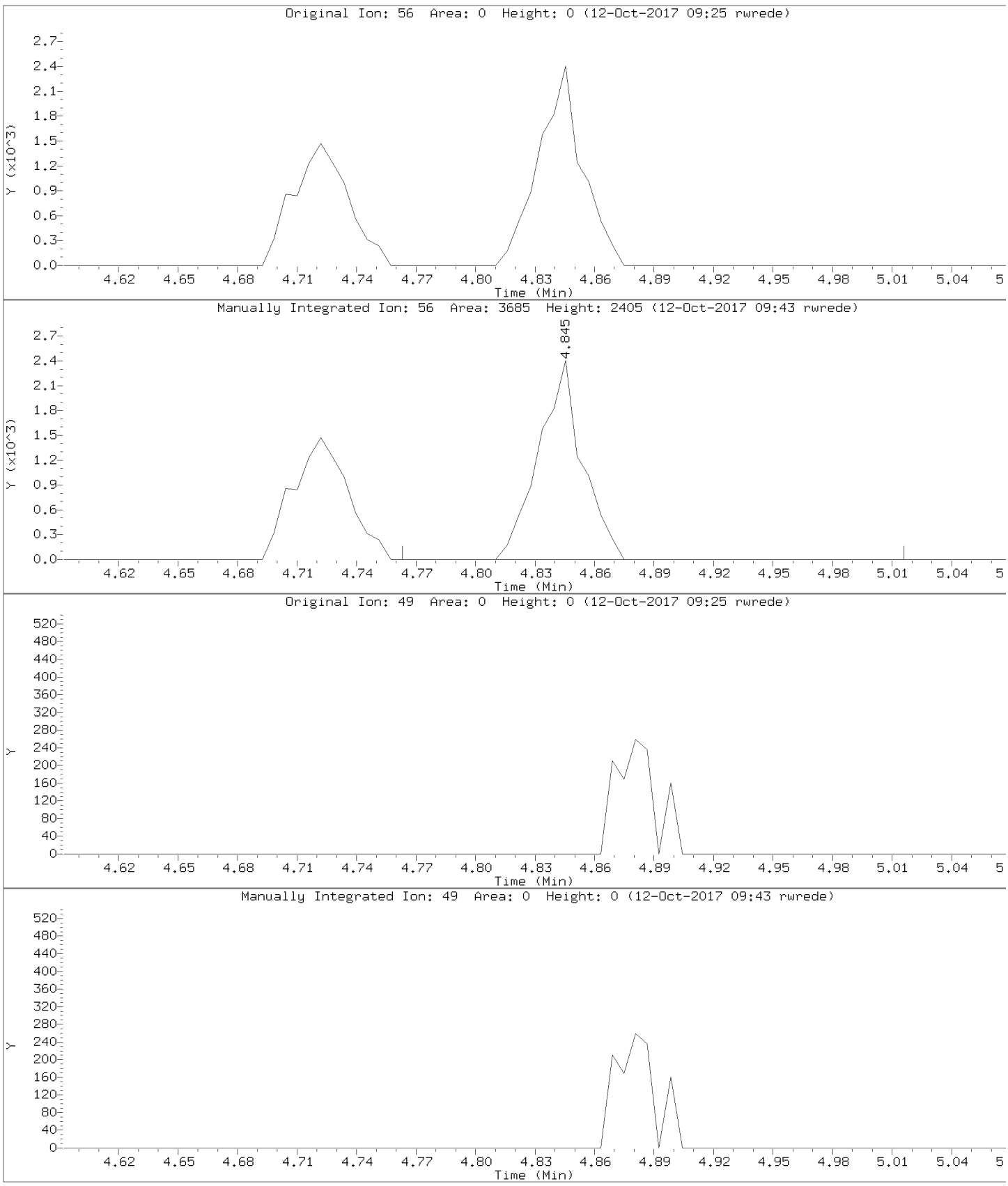
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: n-Butyl chloride Review Code: NI
CAS Number: 109-69-3



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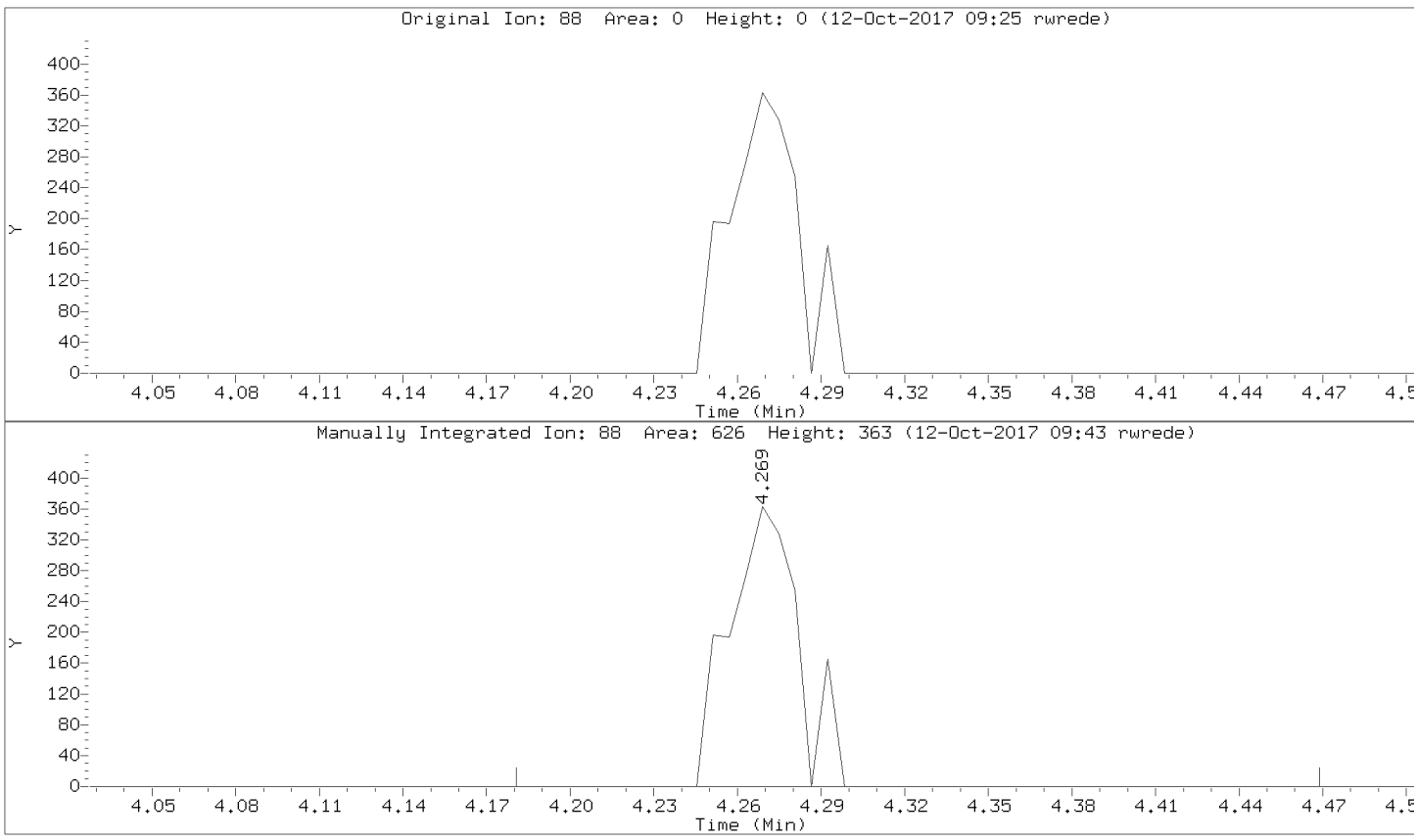
Injection Date: 11-OCT-2017 19:44
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL4

Compound: Ethyl acetate Review Code: NI
CAS Number: 141-78-6



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a05.d
Lab Smp Id: 8260-CAL5 Client Smp ID: 8260-CAL5
Inj Date : 11-OCT-2017 20:19
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal5,160364:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	5632	10.0000	11.9(M)	LT
3 Chloromethane	50	1.251	1.251	(0.230)	5465	10.0000	12.8	
4 Vinyl Chloride	62	1.286	1.286	(0.236)	5514	10.0000	13.4	
5 Bromomethane	94	1.498	1.498	(0.275)	1240	10.0000	11.7	
6 Chloroethane	64	1.568	1.563	(0.288)	2837	10.0000	13.4	
8 Trichlorofluoromethane	101	1.745	1.739	(0.320)	7345	10.0000	10.7	
9 Diethyl ether	74	1.963	1.968	(0.360)	1857	10.0000	11.5	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	4297	10.0000	10.7	
11 Acrolein	56	2.086	2.086	(0.383)	17184	200.000	214	
12 1,1,2trichlorotrifluoroethane	101	2.133	2.133	(0.391)	4302	10.0000	12.3	
13 1,1-Dichloroethene	96	2.139	2.133	(0.392)	3433	10.0000	10.8	
14 Acetone	43	2.216	2.221	(0.407)	5862	50.0000	43.2	
15 Iodomethane	142	2.263	2.263	(0.415)	6015	20.0000	39.1	
16 Carbon Disulfide	76	2.310	2.310	(0.424)	10332	10.0000	11.4	
17 Acetonitrile	39	2.457	2.457	(0.451)	6316	10.0000	12.1	
18 allyl chloride	41	2.457	2.457	(0.451)	9001	20.0000	23.7	
19 Methyl Acetate	43	2.504	2.498	(0.459)	4251	10.0000	14.0	
20 Methylene Chloride	84	2.580	2.580	(0.473)	3911	10.0000	8.26	
21 tert-Butyl Alcohol	59	2.751	2.833	(0.505)	508	20.0000	36.8(M)	
151 Ethyl acetate	88	4.274	4.280	(0.784)	1407	80.0000	90.6	
23 1,2-Dichloroethene (trans)	96	2.839	2.833	(0.521)	3629	10.0000	13.5	
24 Methyl-tert-butyl ether	73	2.845	2.845	(0.522)	7183	10.0000	11.9	
22 Acrylonitrile	53	2.863	2.868	(0.525)	6355	40.0000	51.3	

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL	
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25 n-Hexane	57	3.115	3.115	(0.572)	5548	10.0000	10.1	
	26 1,1-Dichloroethane	63	3.315	3.321	(0.608)	7280	10.0000	10.8	
	28 chloroprene	53	3.421	3.421	(0.628)	6148	10.0000	10.7	
	27 Vinyl Acetate	43	3.427	3.427	(0.629)	34938	40.0000	44.4	
	7 isopropyl acetate	61	5.309	5.309	(0.974)	7042	40.0000	53.3	
	29 2,2-Dichloropropane	77	4.080	4.080	(0.749)	4326	10.0000	12.6	
	30 1,2-Dichloroethene (cis)	96	4.104	4.109	(0.753)	4629	10.0000	12.4	
	31 2-Butanone	43	4.192	4.192	(0.769)	8432	50.0000	51.6	
	32 Propionitrile	54	4.298	4.298	(0.788)	565	10.0000	40.6(QM)	
	33 Bromochloromethane	49	4.415	4.415	(0.810)	3371	10.0000	13.1	
	34 Methacrylonitrile	41	4.457	4.457	(0.818)	2960	10.0000	9.24	
	35 Tetrahydrofuran	42	4.480	4.480	(0.822)	1094	10.0000	13.2(Q)	
	36 Chloroform	83	4.533	4.539	(0.832)	7488	10.0000	9.76	
	37 1,1,1-Trichloroethane	97	4.692	4.698	(0.861)	6629	10.0000	10.8	
$	38 Dibromofluoromethane (S)	113	4.727	4.733	(0.867)	25514	50.0000	50.0	
	39 Cyclohexane	56	4.721	4.727	(0.866)	6751	10.0000	12.6	
	40 n-Butyl chloride	56	4.845	4.845	(0.889)	8171	10.0000	11.5(M)	NI
	41 Carbon Tetrachloride	117	4.880	4.874	(0.895)	6312	10.0000	12.5	
	42 1,1-Dichloropropene	75	4.886	4.892	(0.896)	5220	10.0000	9.86	
	43 Benzene	78	5.133	5.127	(0.942)	15726	10.0000	10.1	
	44 1,2-Dichloroethane	62	5.186	5.192	(0.951)	6378	10.0000	9.66	
	45 2,2,4-Trimethylpentane	57	5.209	5.215	(0.956)	10653	10.0000	9.41	
*	47 Fluorobenzene	96	5.451	5.451	(1.000)	85349	50.0000		
	48 Trichloroethene	95	5.821	5.821	(1.068)	4394	10.0000	10.0	
	49 Methylcyclohexane	55	5.980	5.980	(1.097)	5397	10.0000	13.8	
	50 1,2-Dichloropropane	63	6.062	6.062	(1.112)	3987	10.0000	9.86(M)	NI
	51 Dibromomethane	93	6.180	6.180	(1.134)	2709	10.0000	12.3	
	52 1,4-Dioxane	88	6.233	6.233	(1.144)	997	200.000	224(QM)	LT
	53 Methyl methacrylate	69	6.227	6.227	(1.142)	2531	10.0000	9.54	
	54 Bromodichloromethane	83	6.351	6.351	(1.165)	5708	10.0000	10.9	
	55 2-Chloroethyl vinyl ether	63	6.662	6.668	(0.829)	1984	20.0000	18.2	
	56 cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	5884	10.0000	12.2	
	57 4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	18133	50.0000	51.3	
$	58 Toluene-d8	98	6.998	6.998	(0.870)	91217	50.0000	51.2	
	59 Toluene	91	7.050	7.050	(0.877)	17825	10.0000	9.48	
	60 trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	5292	10.0000	10.7	
	61 Ethyl Methacrylate	69	7.345	7.345	(0.914)	4904	10.0000	9.66	
	62 1,1,2-Trichloroethane	83	7.403	7.397	(0.921)	3432	10.0000	11.4	
	63 Tetrachloroethene	166	7.462	7.462	(0.928)	5319	10.0000	10.0	
	64 1,3-Dichloropropane	76	7.515	7.515	(0.935)	5833	10.0000	11.6	
	65 2-Hexanone	43	7.592	7.592	(0.944)	12419	50.0000	53.6	
	66 Dibromochloromethane	129	7.668	7.668	(0.954)	4866	10.0000	9.85	
	67 1,2-Dibromoethane	107	7.739	7.739	(0.963)	4235	10.0000	12.2	
*	68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	69840	50.0000		
	69 Chlorobenzene	112	8.062	8.056	(1.003)	13026	10.0000	9.82	
	2 n-amyl acetate	70	8.580	8.580	(1.574)	10452	40.0000	46.3	
	70 1,1,1,2-Tetrachloroethane	131	8.121	8.121	(1.010)	4754	10.0000	12.0	
	71 Ethylbenzene	106	8.133	8.127	(1.012)	6851	10.0000	13.7	
	72 m&p-Xylene	106	8.203	8.203	(1.020)	16591	20.0000	20.9	
	73 o-Xylene	106	8.450	8.450	(1.051)	7979	10.0000	11.4	
	74 Styrene	104	8.462	8.462	(1.053)	13288	10.0000	10.7	
	75 Bromoform	173	8.580	8.580	(0.909)	3238	10.0000	10.9(M)	NI
	76 Isopropylbenzene	105	8.674	8.668	(1.079)	21517	10.0000	10.3	
$	77 4-Bromofluorobenzene	95	8.768	8.762	(1.091)	33386	50.0000	48.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	REVIEW C
78	Bromobenzene	77	8.856	8.850	(1.102)	7485	10.0000	10.4	
79	1,1,2,2-Tetrachloroethane	83	8.868	8.862	(0.940)	5768	10.0000	10.6(M)	NI
80	1,2,3-Trichloropropane	110	8.892	8.886	(0.942)	1543	10.0000	9.16(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.897	8.897	(1.107)	1222	10.0000	9.52(M)	WP
82	n-Propylbenzene	91	8.915	8.909	(0.945)	24169	10.0000	9.94	
83	2-Chlorotoluene	91	8.968	8.962	(0.950)	14313	10.0000	9.80	
84	1,3,5-Trimethylbenzene	105	9.015	9.009	(0.955)	16985	10.0000	10.1	
85	4-Chlorotoluene	126	9.033	9.027	(0.957)	5442	10.0000	11.0	
86	tert-Butylbenzene	119	9.203	9.203	(0.975)	19168	10.0000	9.72	
87	1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	17897	10.0000	10.6	
88	sec-Butylbenzene	105	9.333	9.327	(0.989)	20762	10.0000	10.8	
89	1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	10003	10.0000	9.83	
90	p-Isopropyltoluene	119	9.415	9.409	(0.998)	17896	10.0000	10.2	
* 91	1,4-Dichlorobenzene-d4	152	9.439	9.433	(1.000)	38225	50.0000		
92	1,4-Dichlorobenzene	146	9.456	9.450	(1.002)	11162	10.0000	10.5	
93	n-Butylbenzene	91	9.650	9.644	(1.022)	12678	10.0000	11.3	
94	1,2-Dichlorobenzene	146	9.674	9.668	(1.025)	9858	10.0000	9.38	
95	1,2-Dibromo-3-chloropropane	155	10.139	10.133	(1.074)	851	10.0000	9.82(Q)	
96	1,2,4-Trichlorobenzene	180	10.621	10.609	(1.125)	4260	10.0000	11.9	
97	Hexachlorobutadiene	225	10.709	10.703	(1.135)	2055	10.0000	12.5	
98	Naphthalene	128	10.780	10.768	(1.142)	10691	10.0000	12.8	
99	1,2,3-Trichlorobenzene	180	10.921	10.915	(1.157)	4001	10.0000	11.9	
100	2,methyl-naphthalene	142	11.485	11.474	(1.217)	2296	10.0000	18.6	
101	1-Methylnaphthalene	142	11.609	11.597	(2.130)	2021	10.0000	17.1	

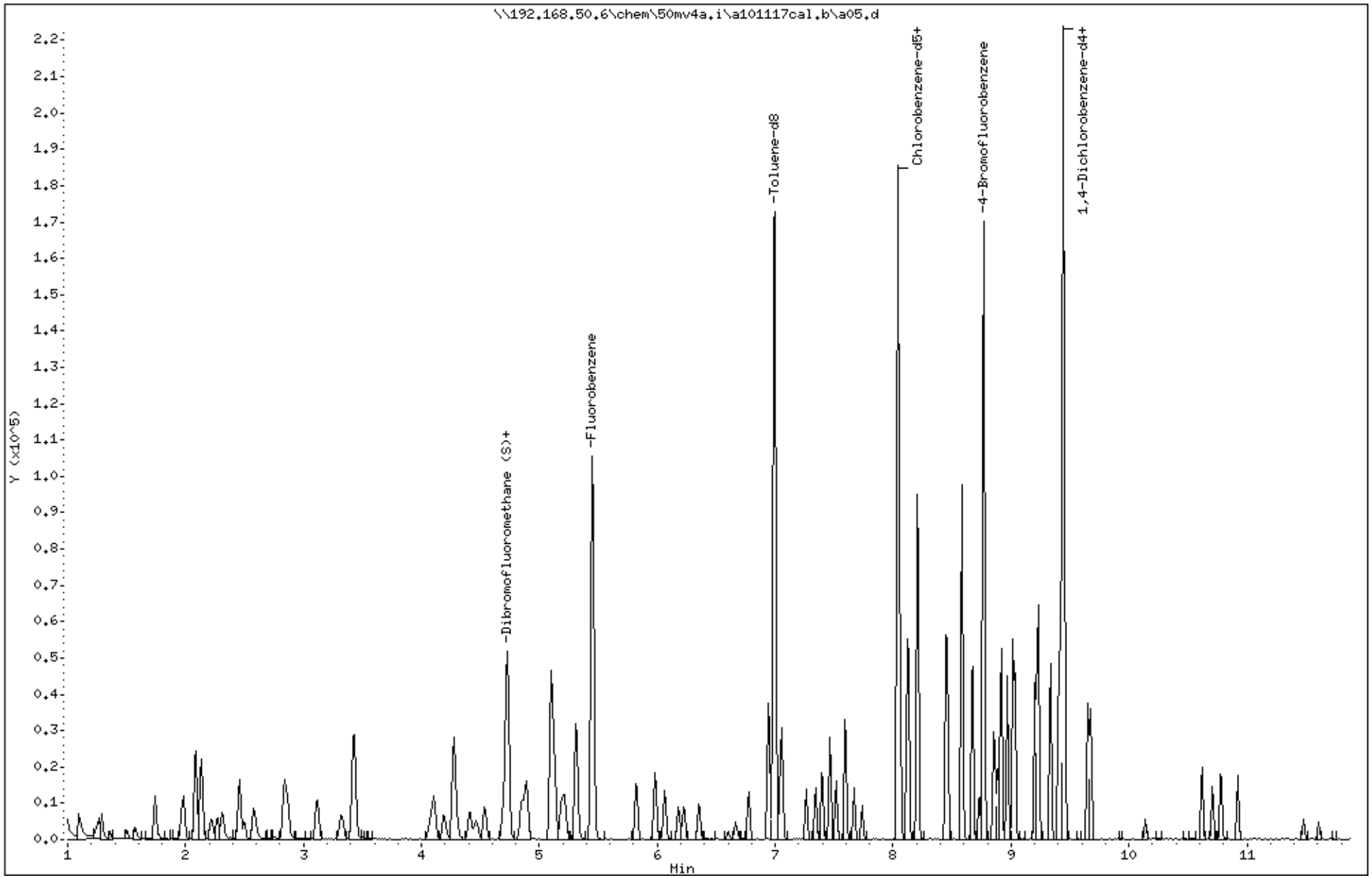
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).
:
NI: Indicates that the peak was not integrated at all by the computer software.
WP: Indicates that the wrong peak was chosen by the data system.

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a05.d
Date : 11-OCT-2017 20:19
Client ID: 8260-CAL5
Instrument: 50mv4a.i
Sample Info: 8260-CAL5,160364:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



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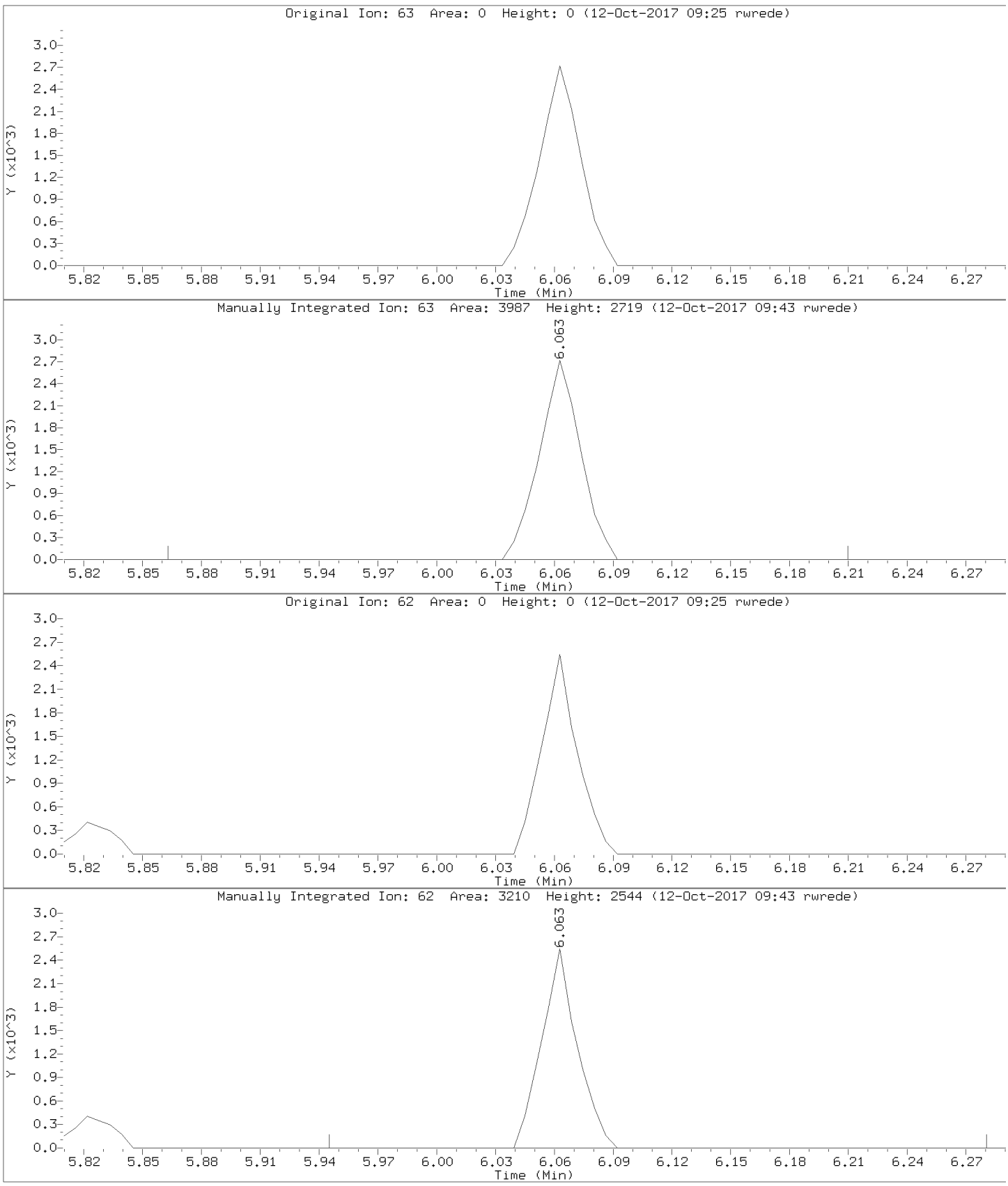
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: 1,2-Dichloropropane Review Code: NI
CAS Number: 78-87-5



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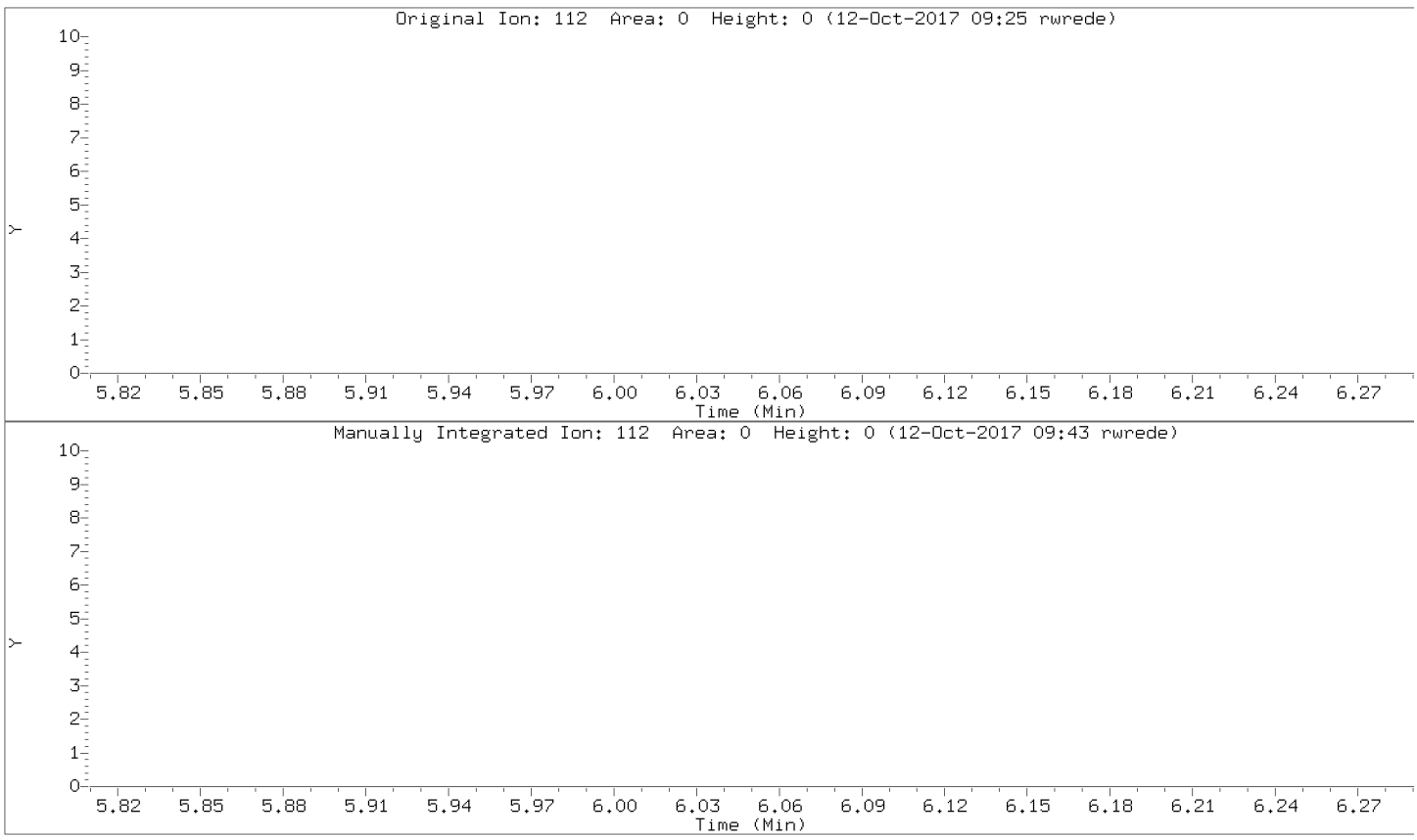
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5



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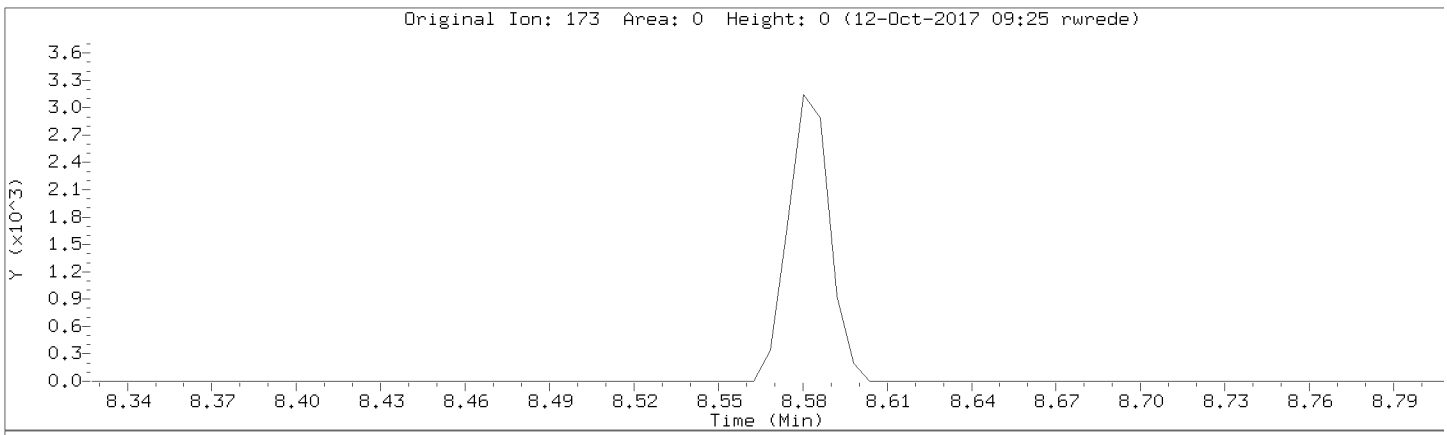
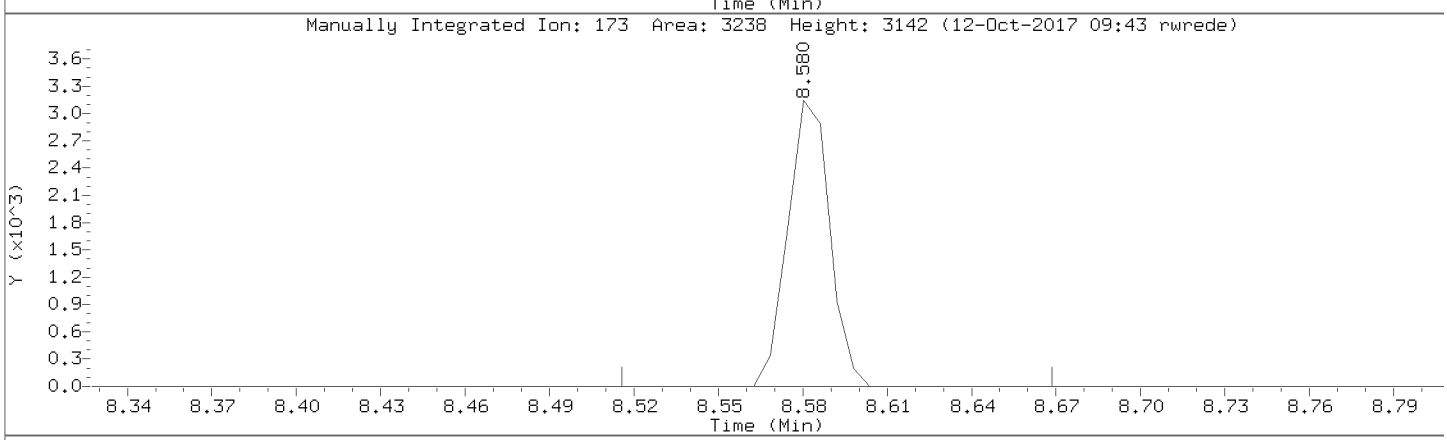
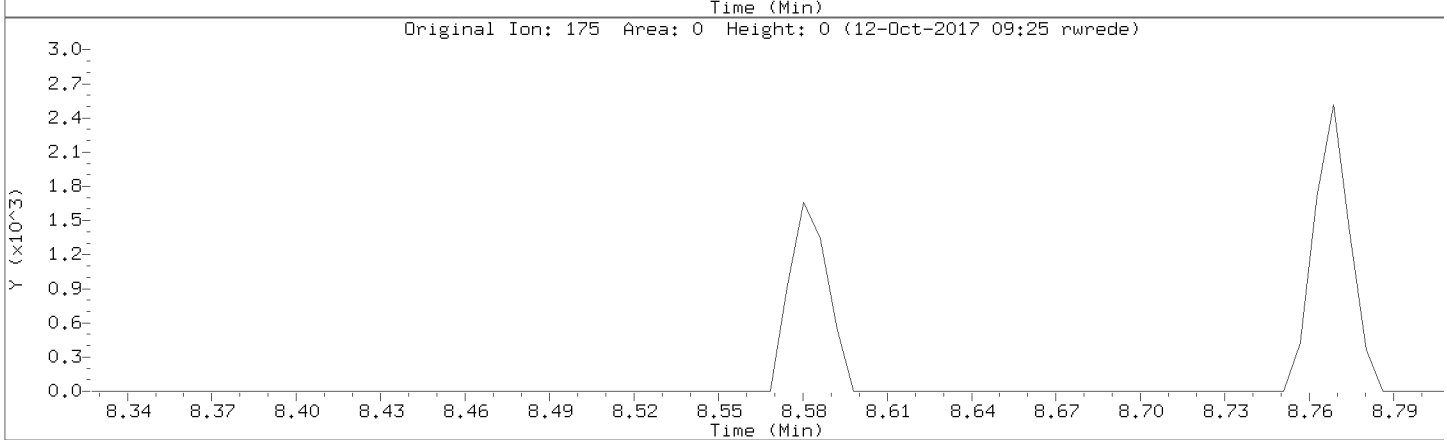
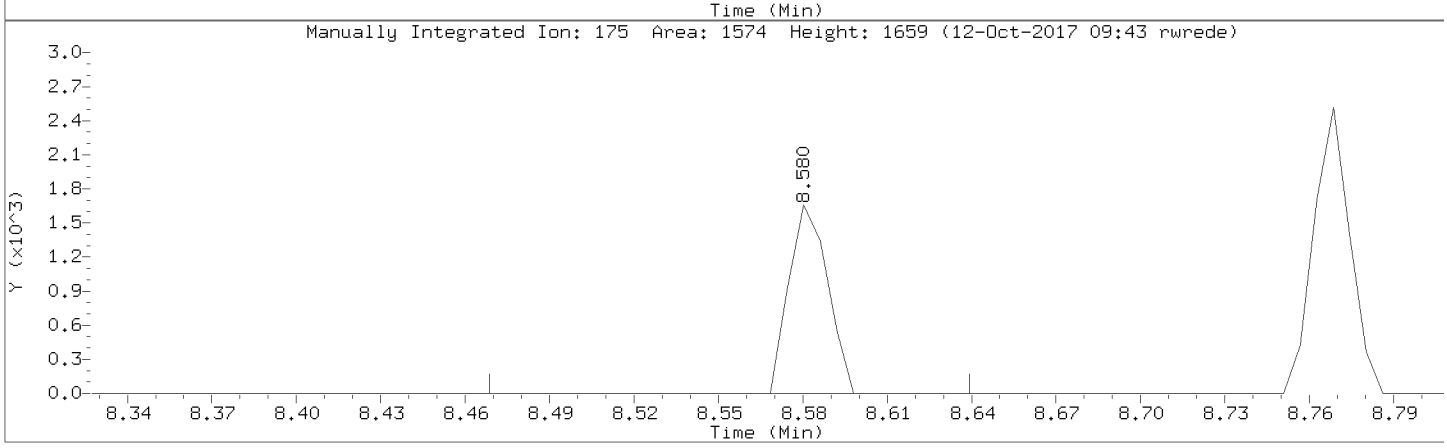
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: Bromoform Review Code: NI
CAS Number: 75-25-2









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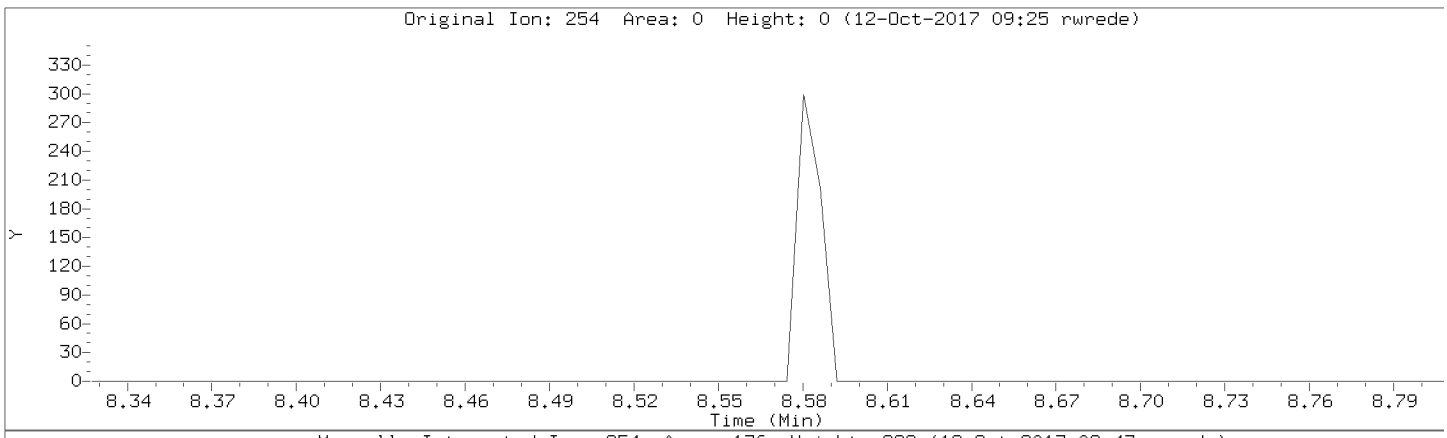
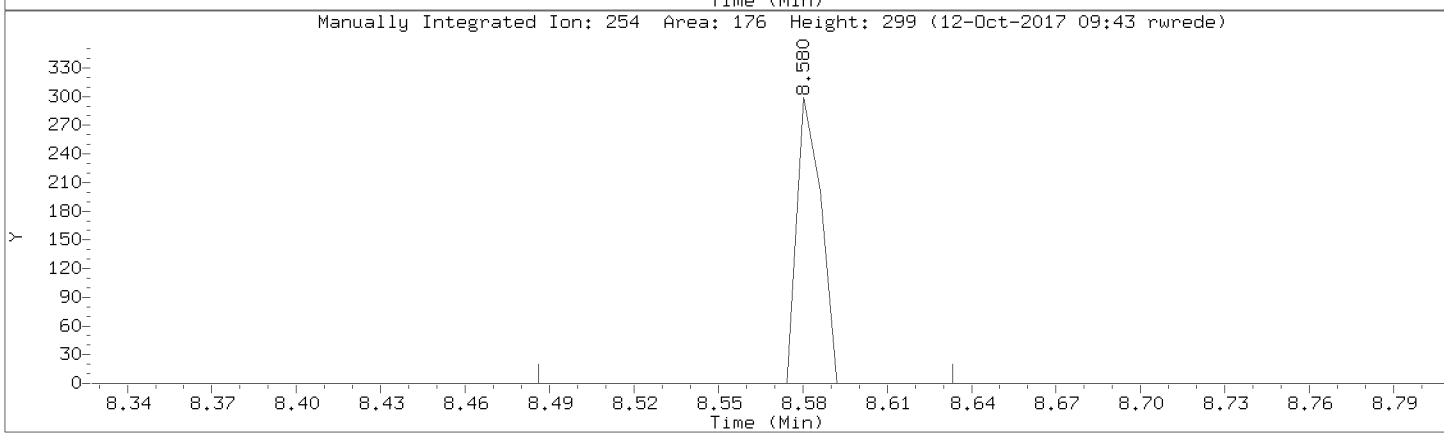
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5





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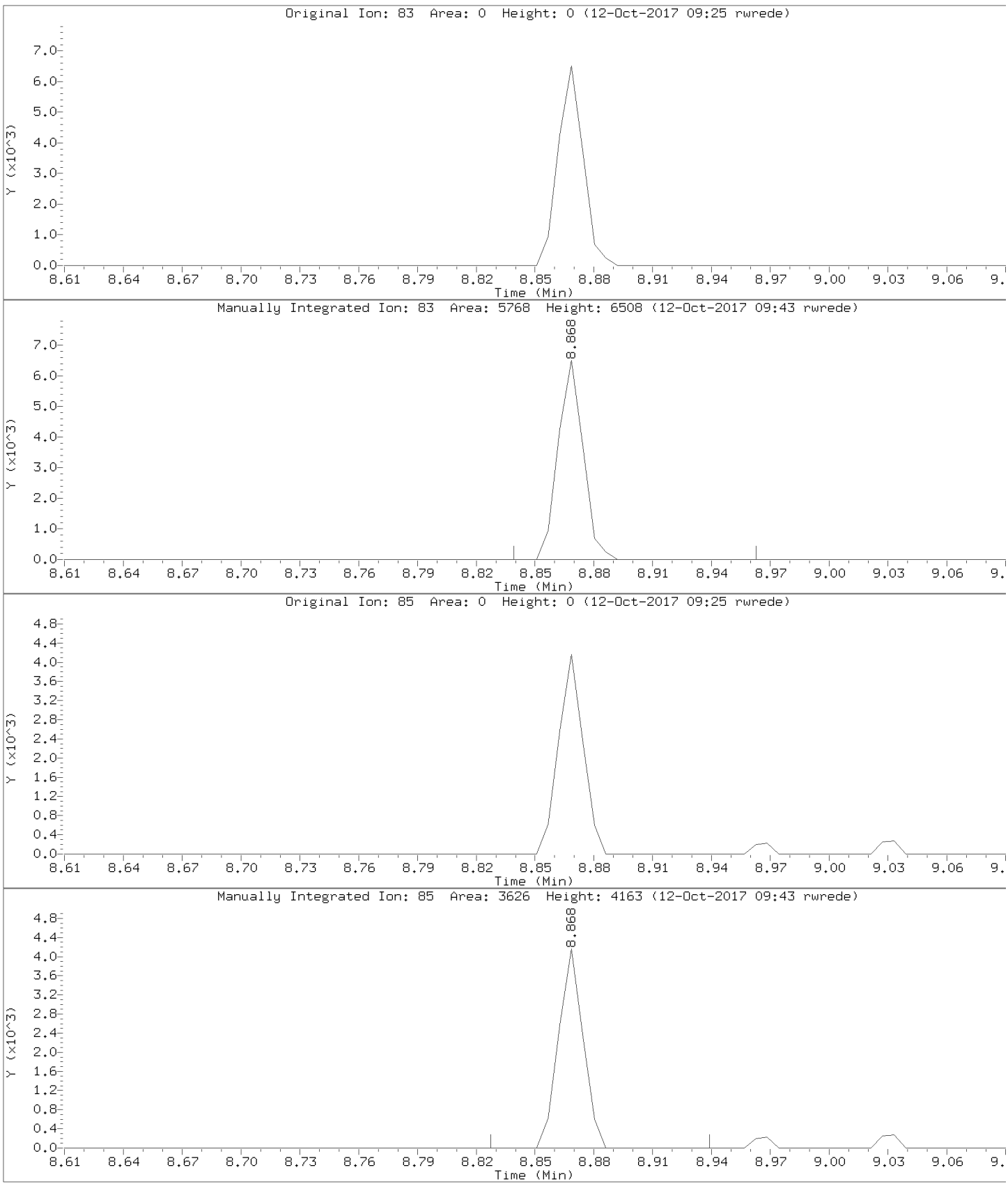
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: 1,1,2,2-Tetrachloroethane Review Code: NI
CAS Number: 79-34-5



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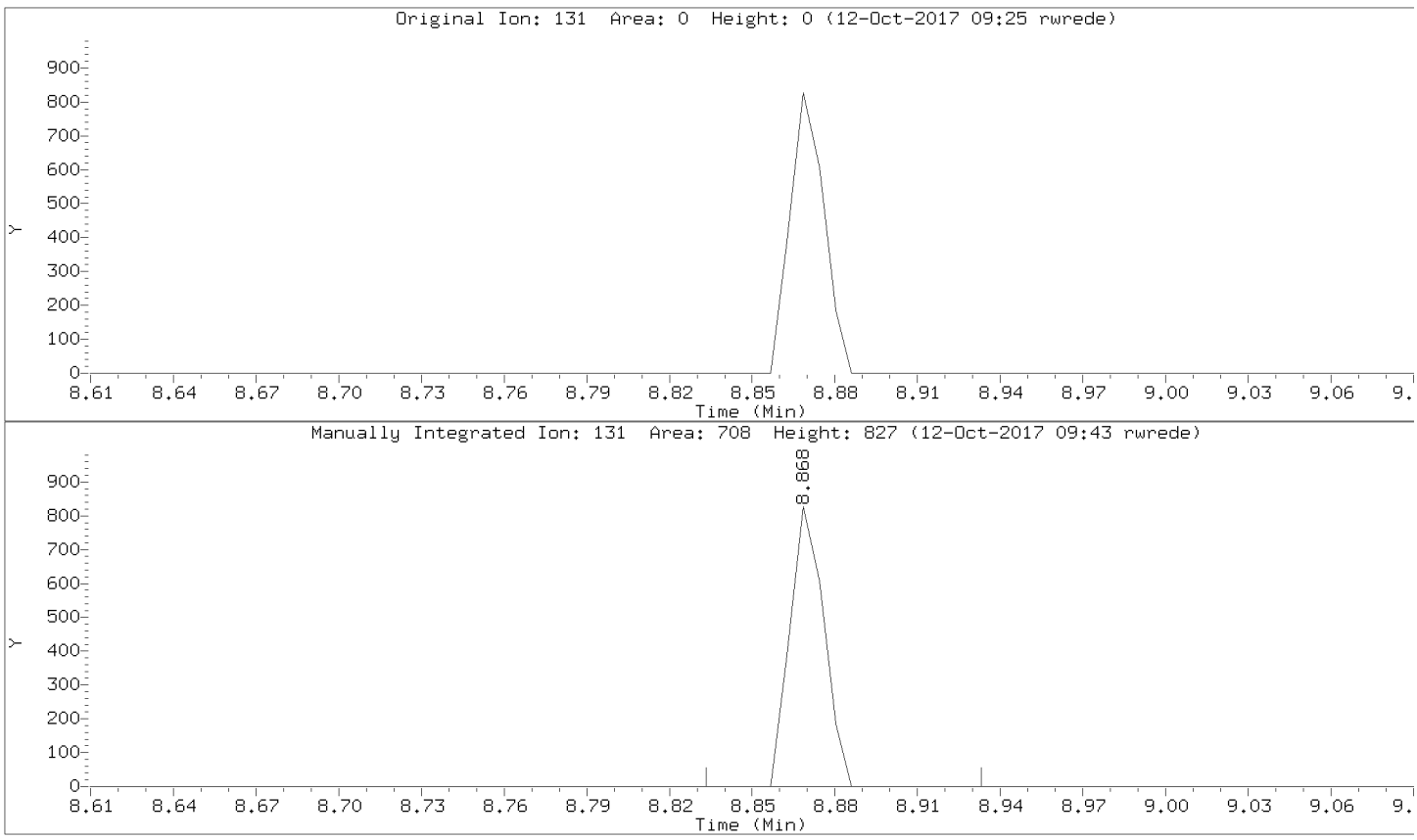
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5



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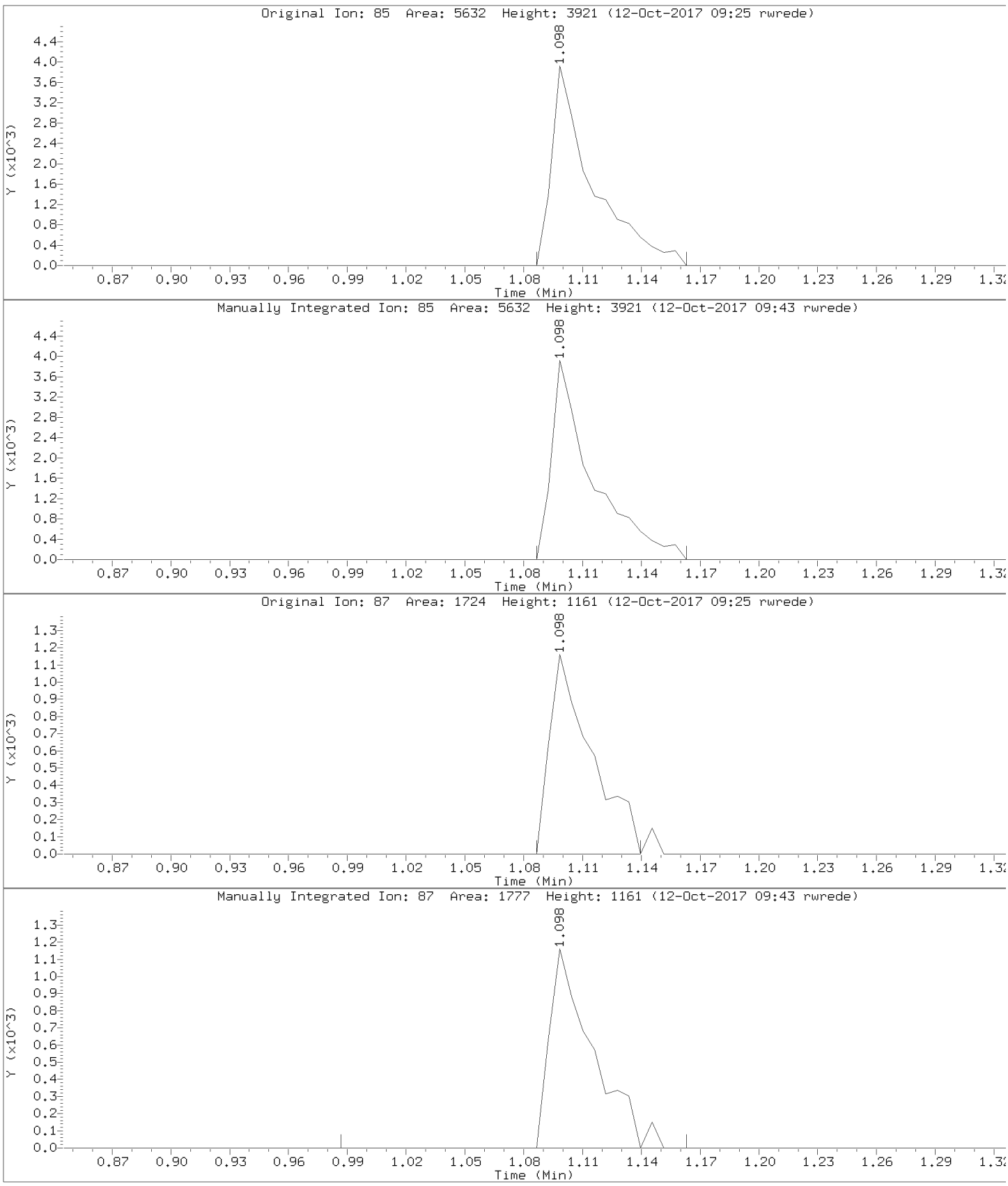
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: Dichlorodifluoromethane Review Code: LT
CAS Number: 60-29-7



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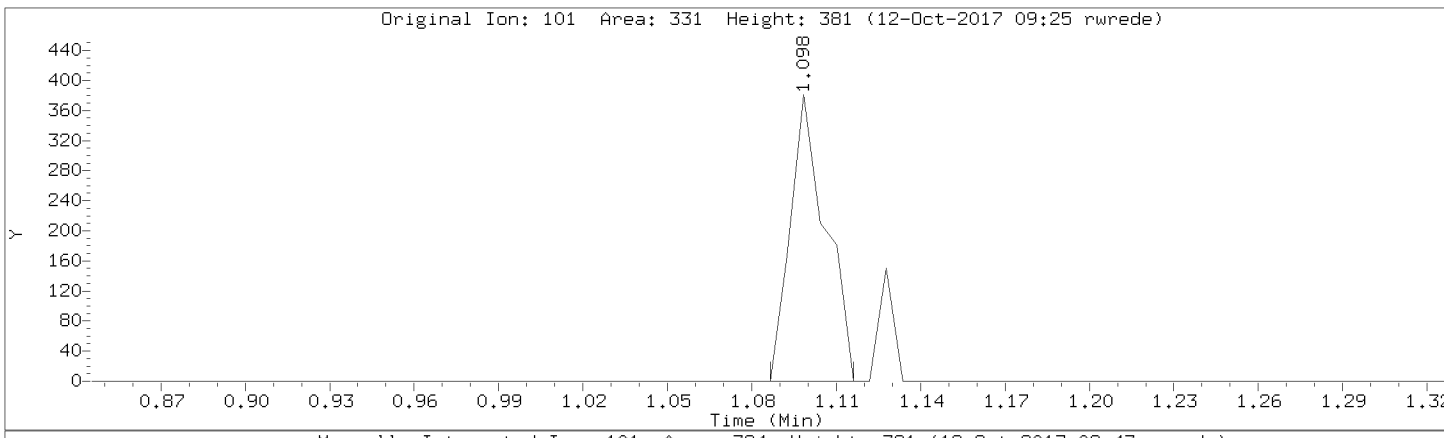
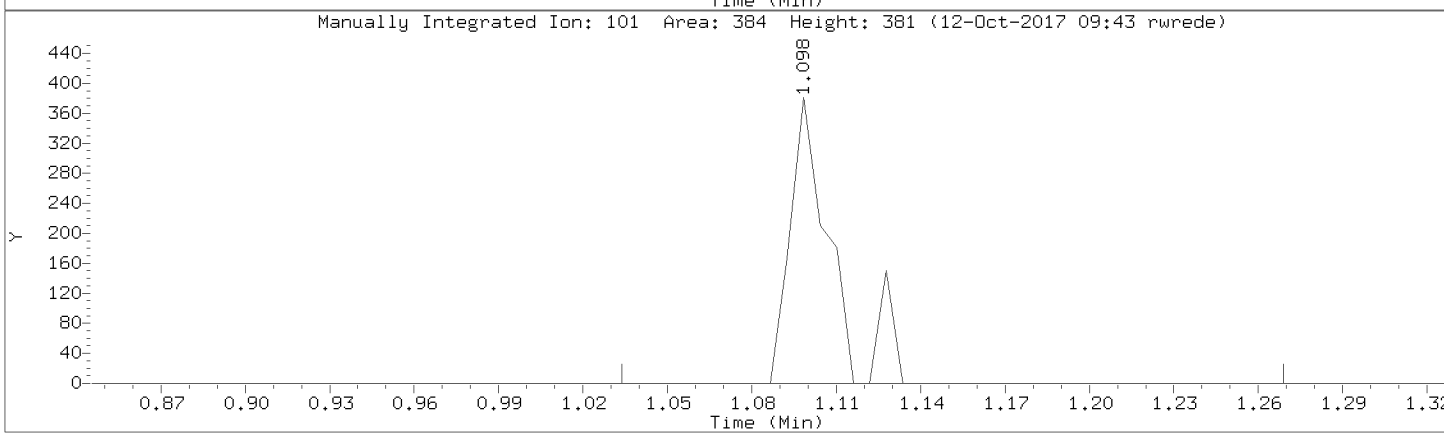
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5





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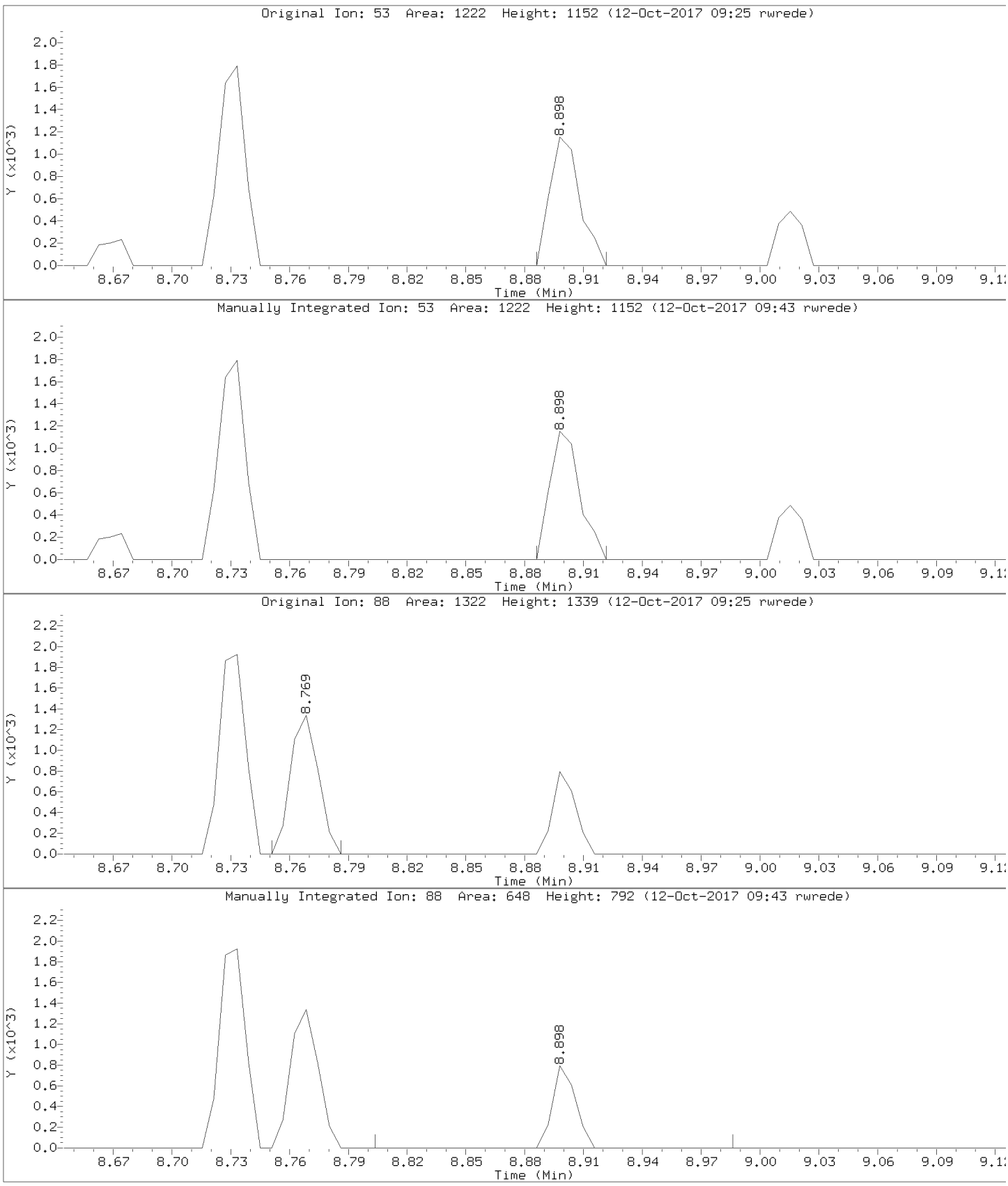
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: trans-1,4-Dichloro-2-butene Review Code: WP
CAS Number:



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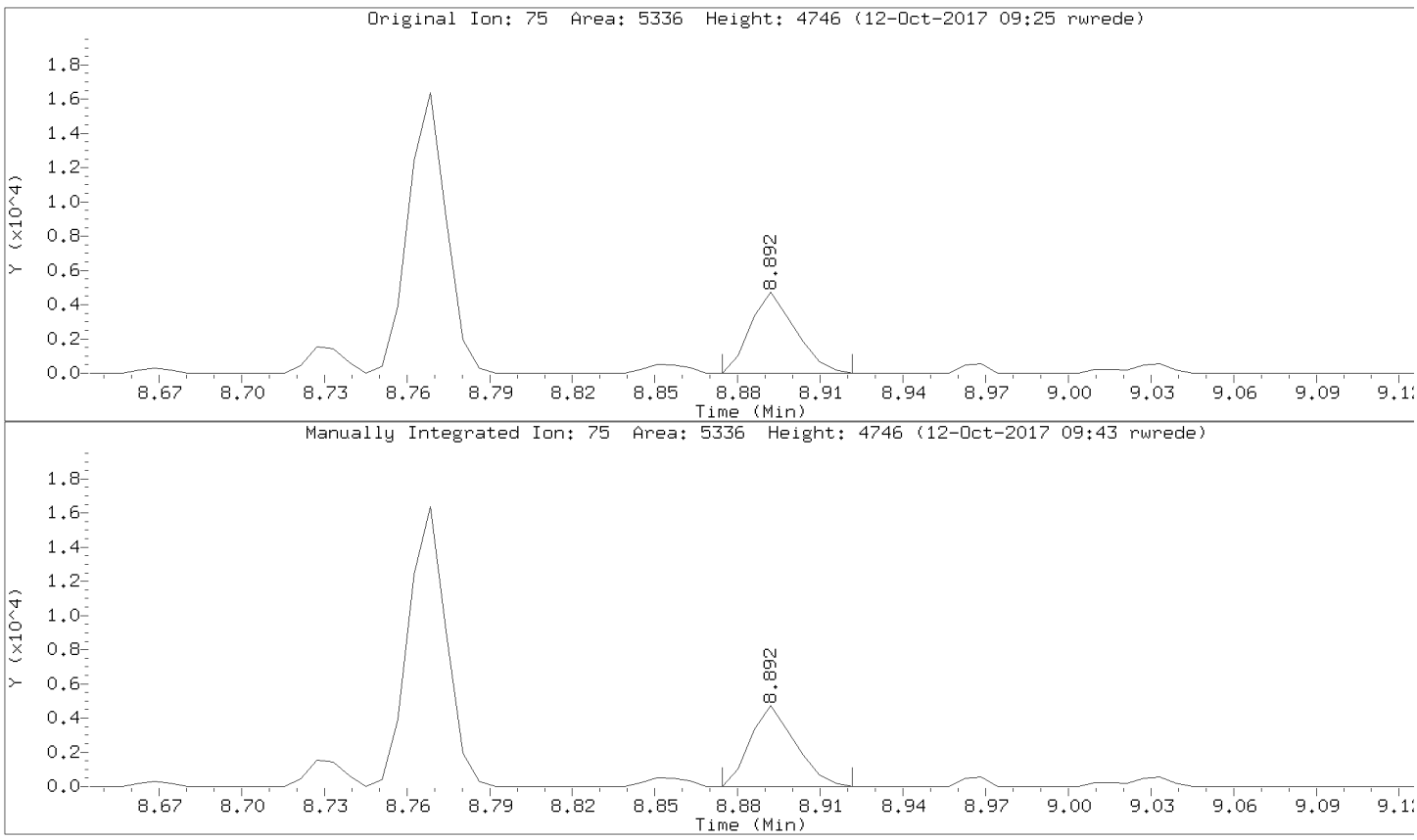
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5



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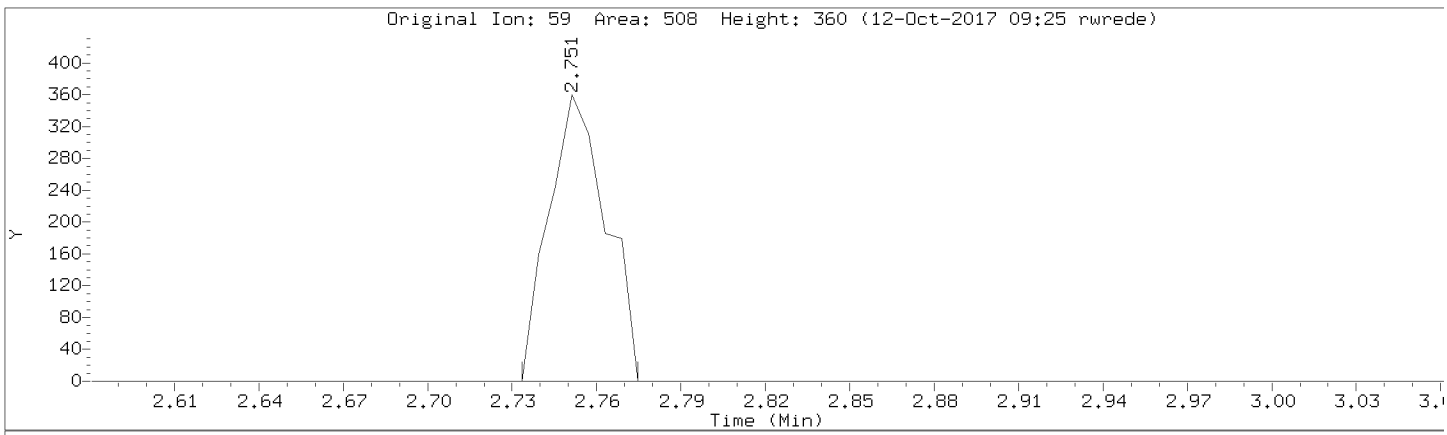
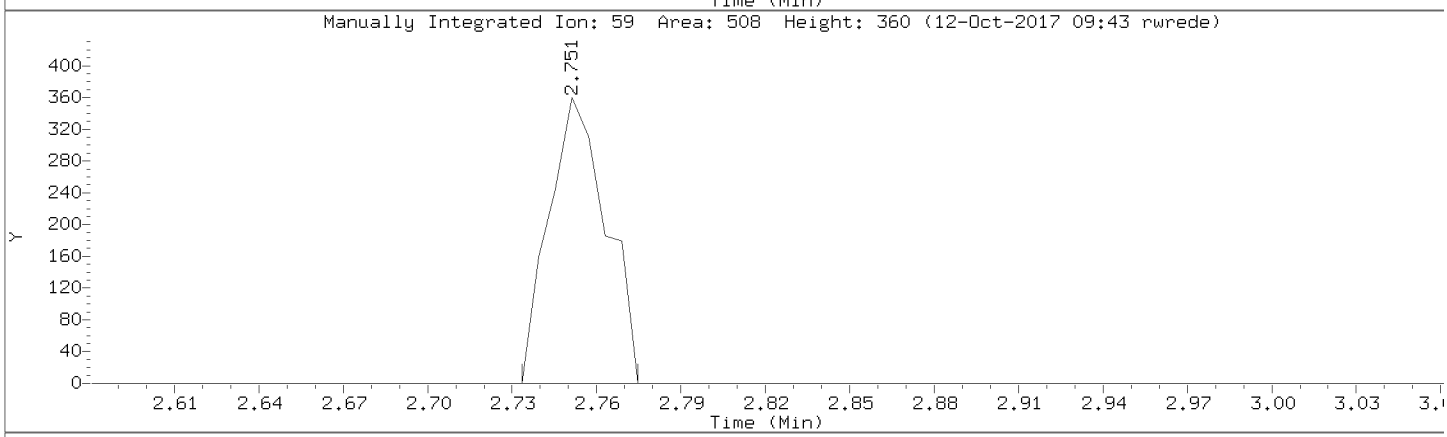
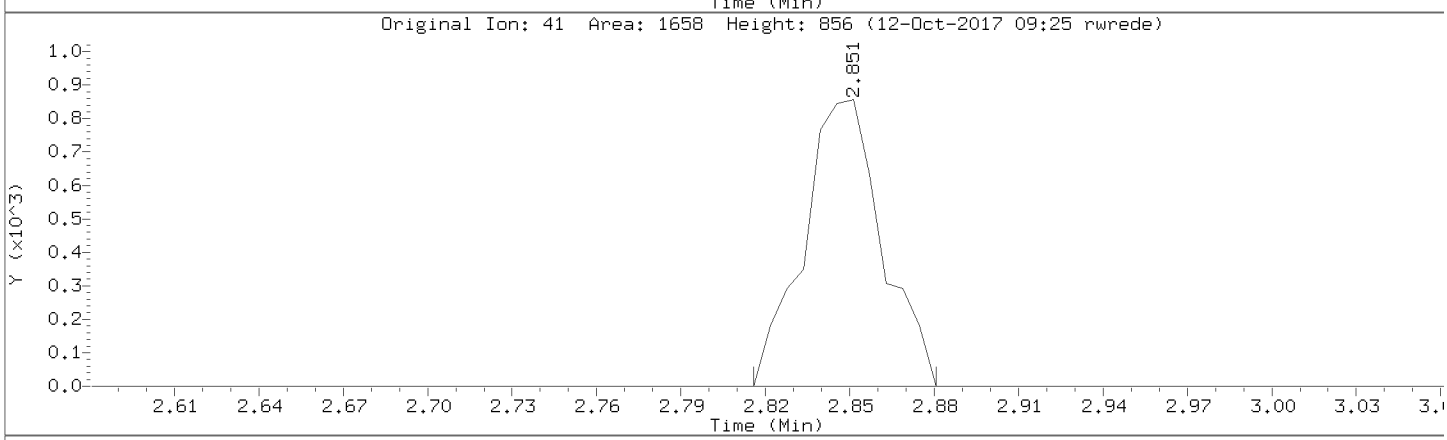
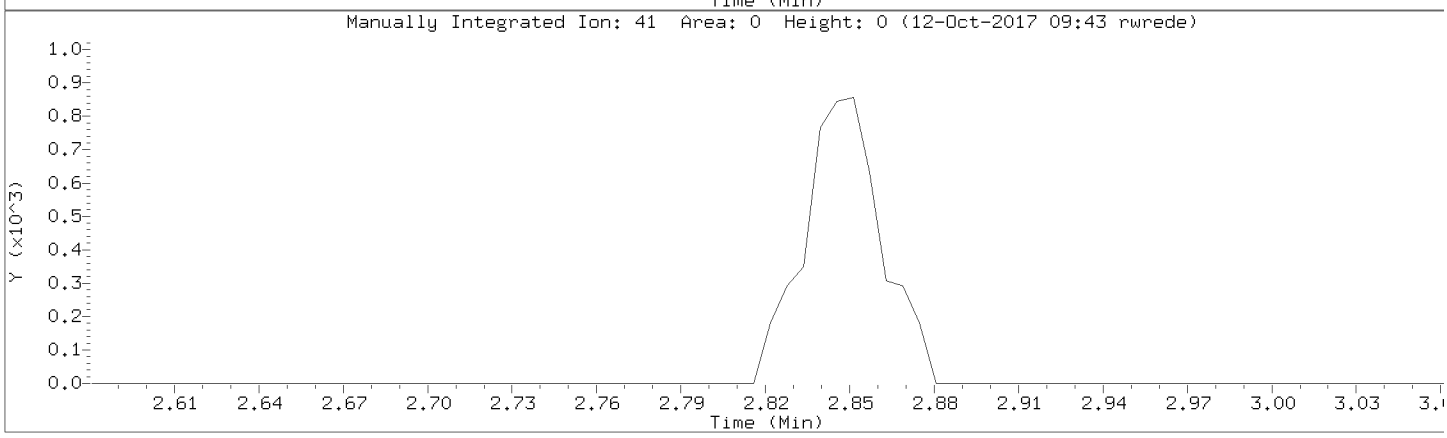
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: tert-Butyl Alcohol Review Code:
CAS Number: 75-65-0









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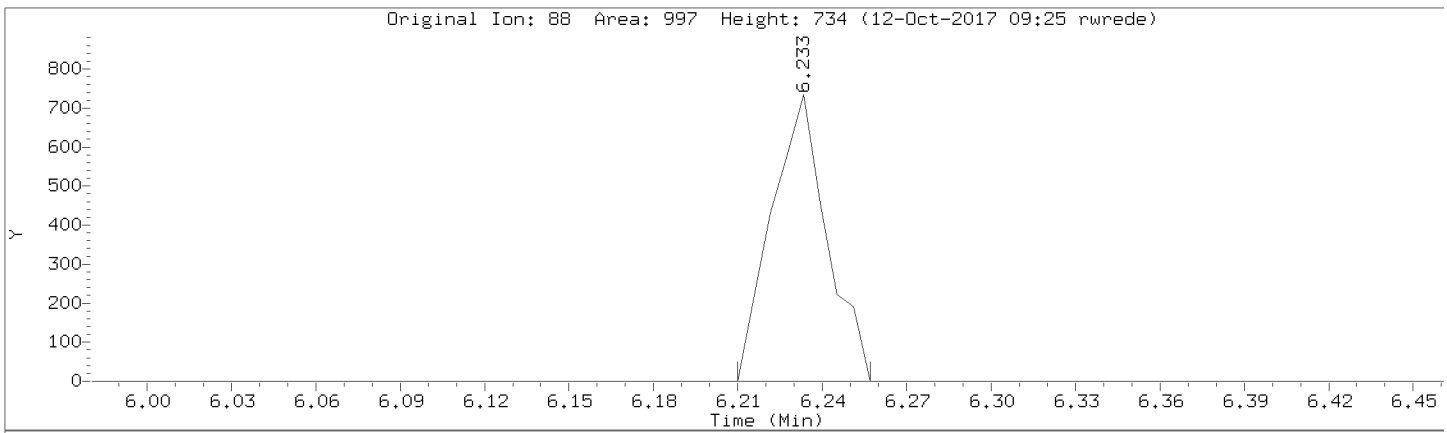
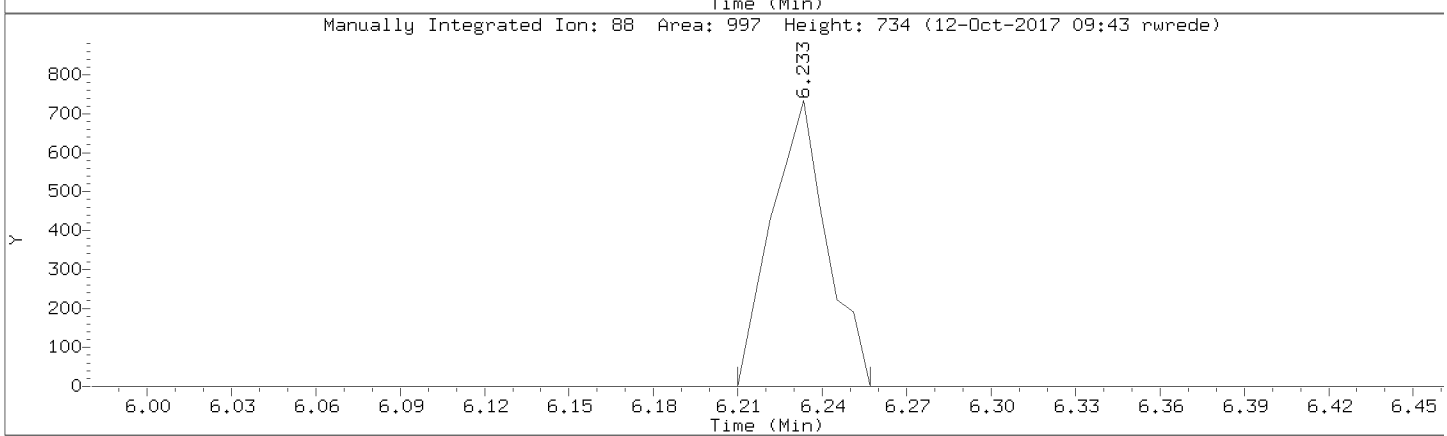
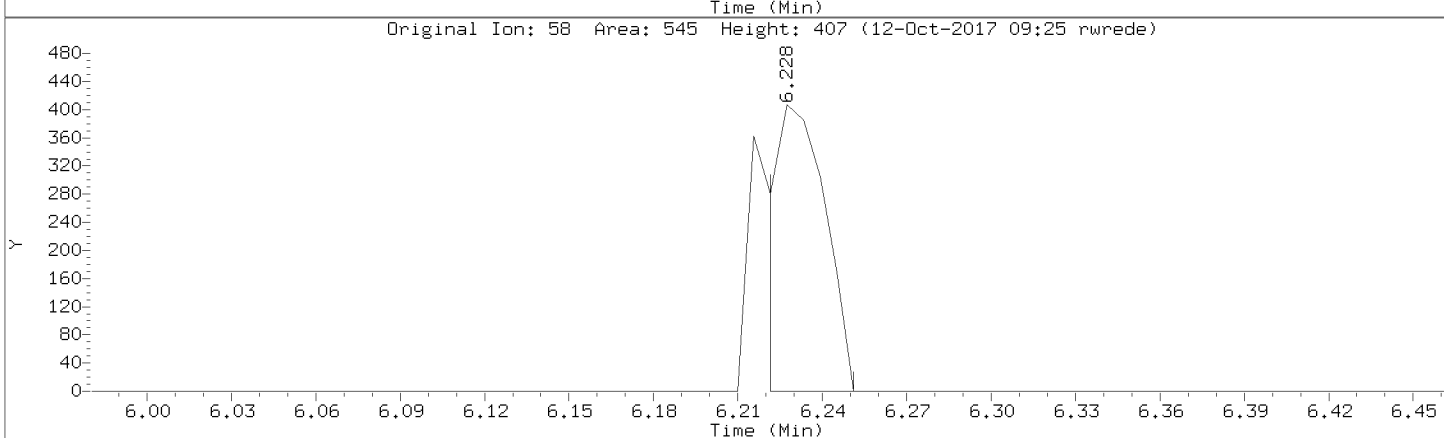
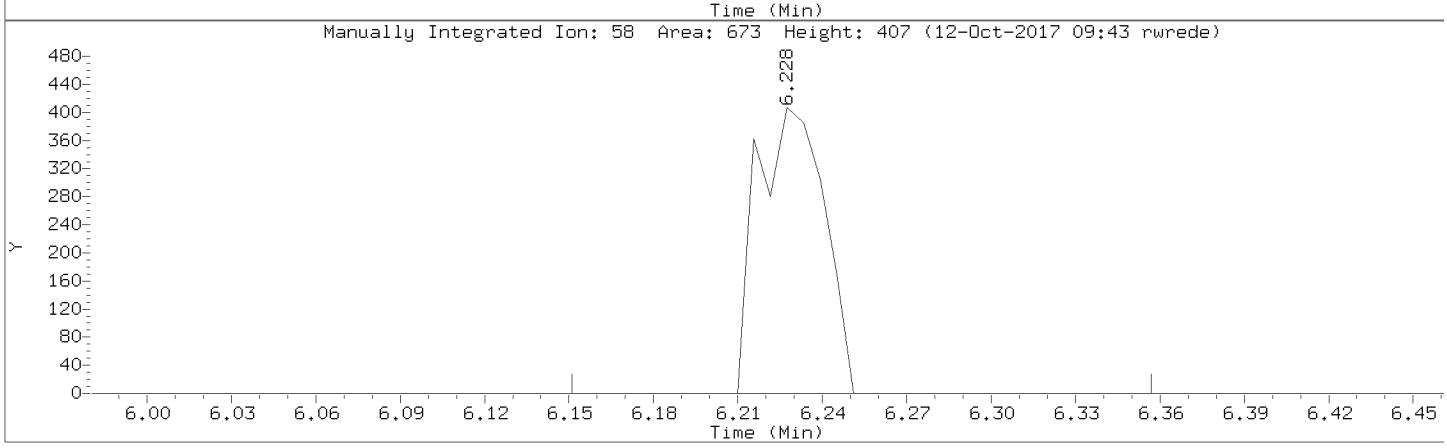
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: 1,4-Dioxane Review Code: LT
CAS Number:









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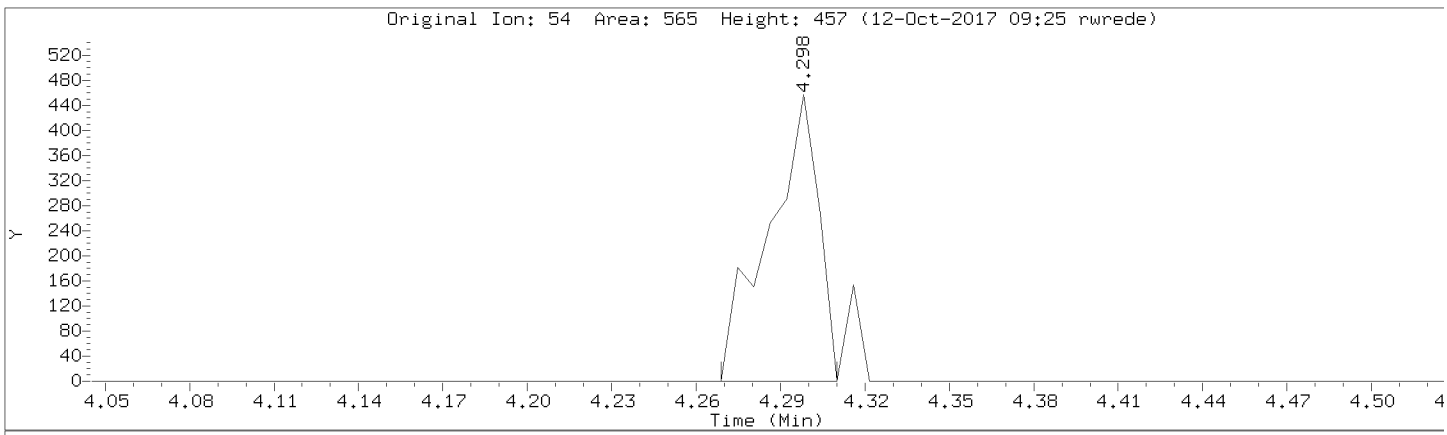
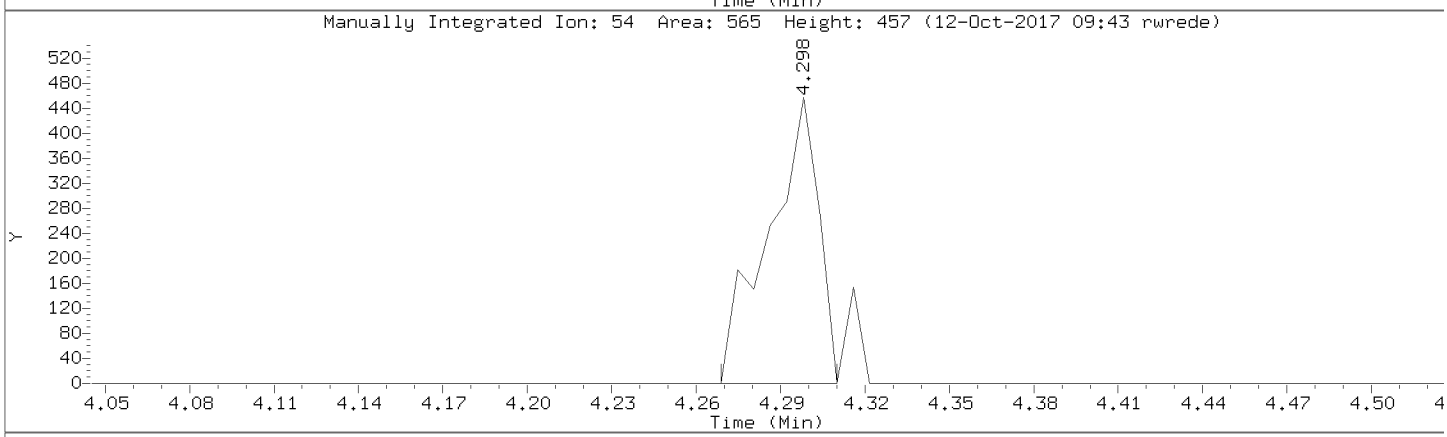
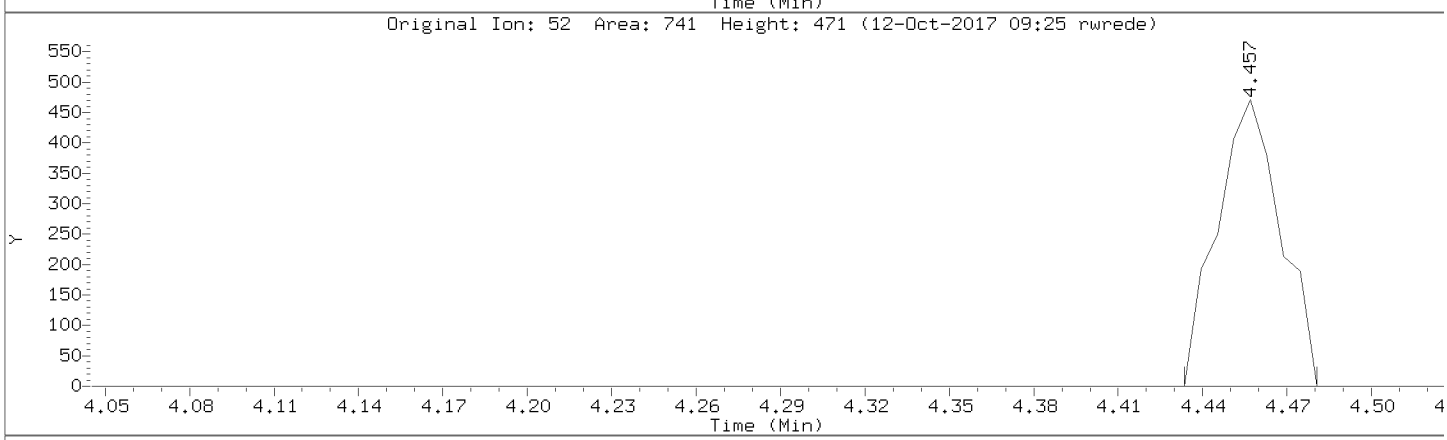
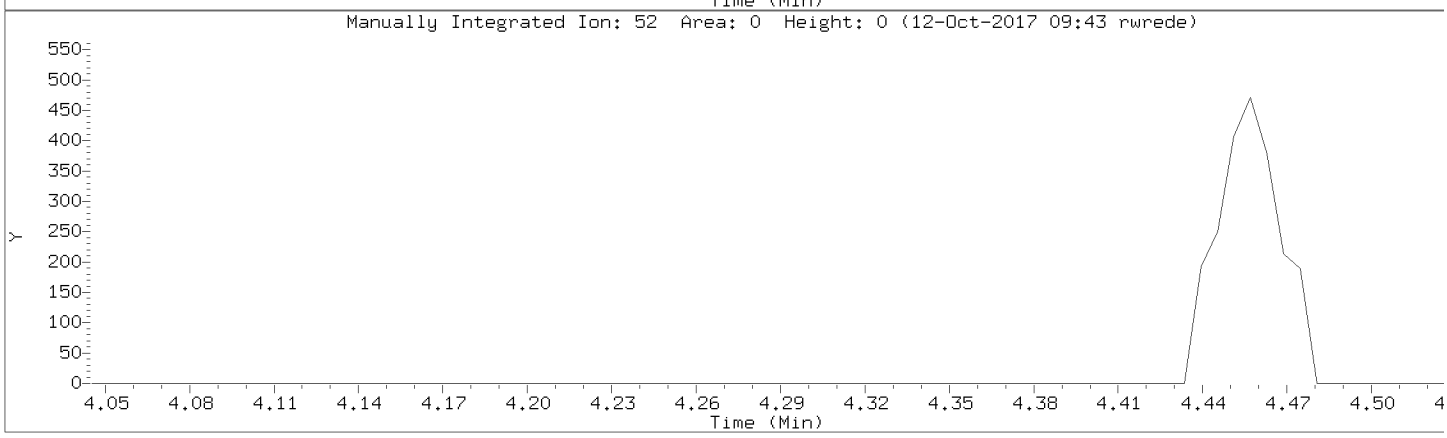
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: Propionitrile Review Code:
CAS Number: 107-12-0









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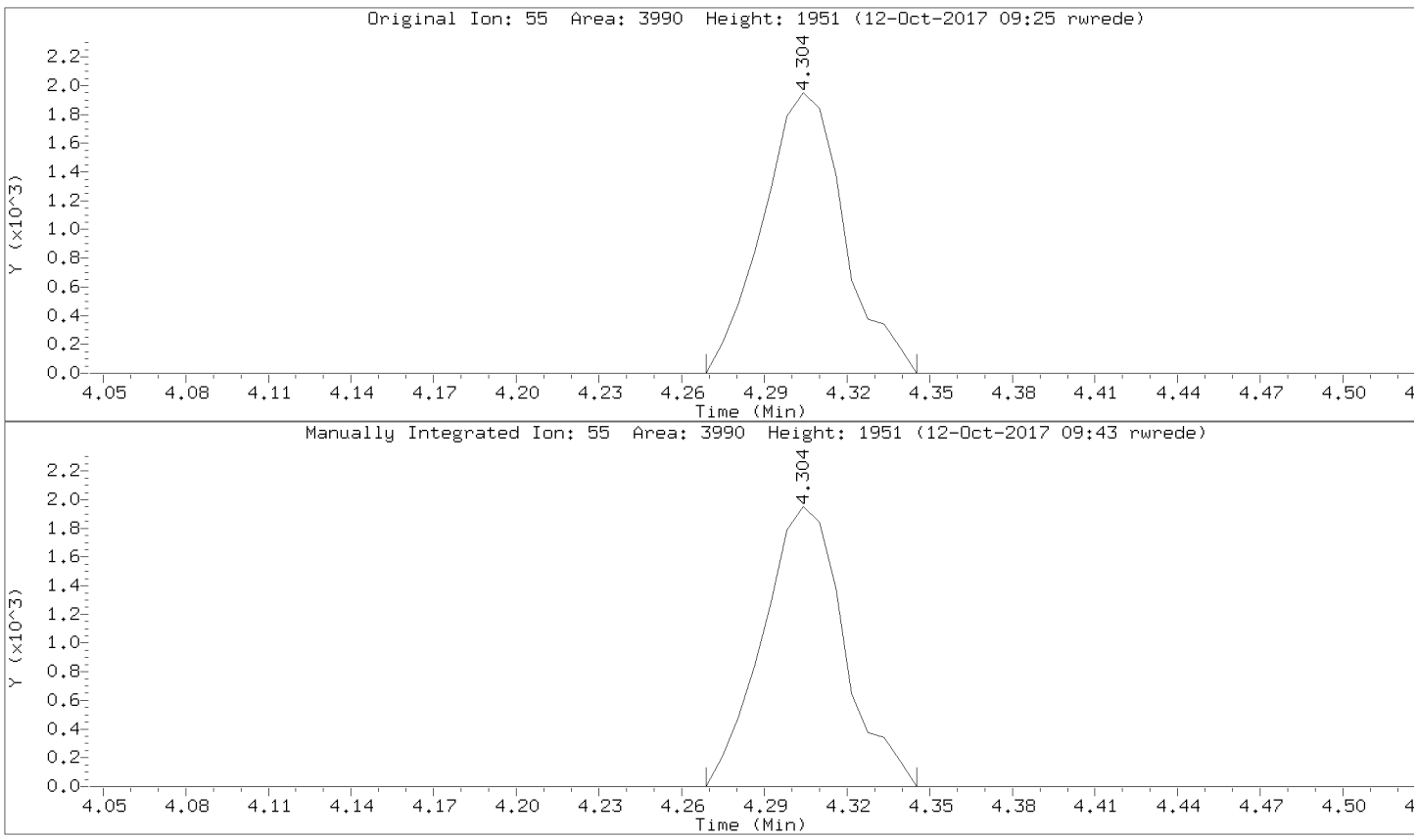
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5



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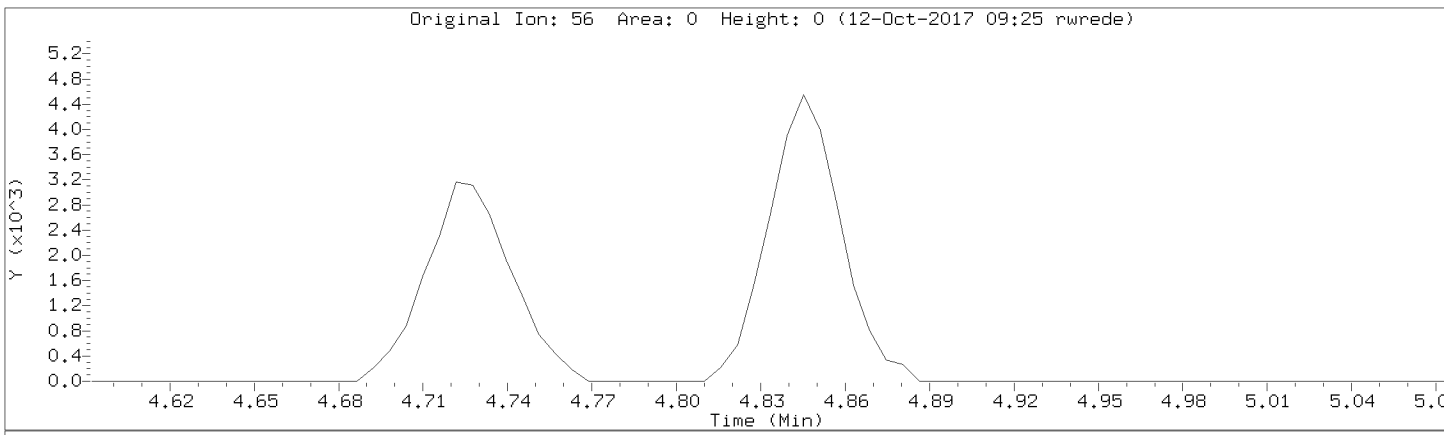
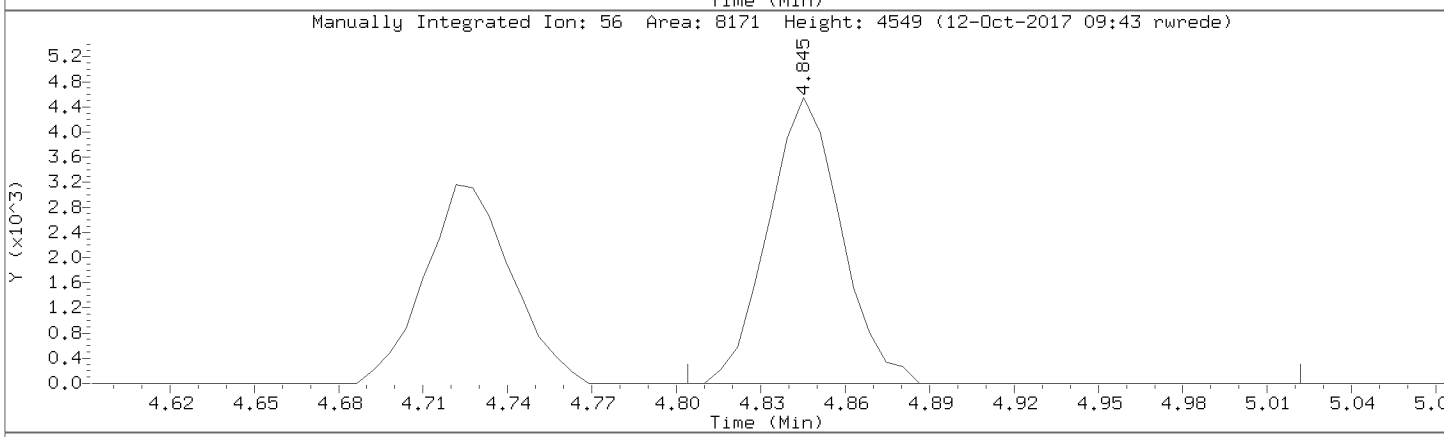
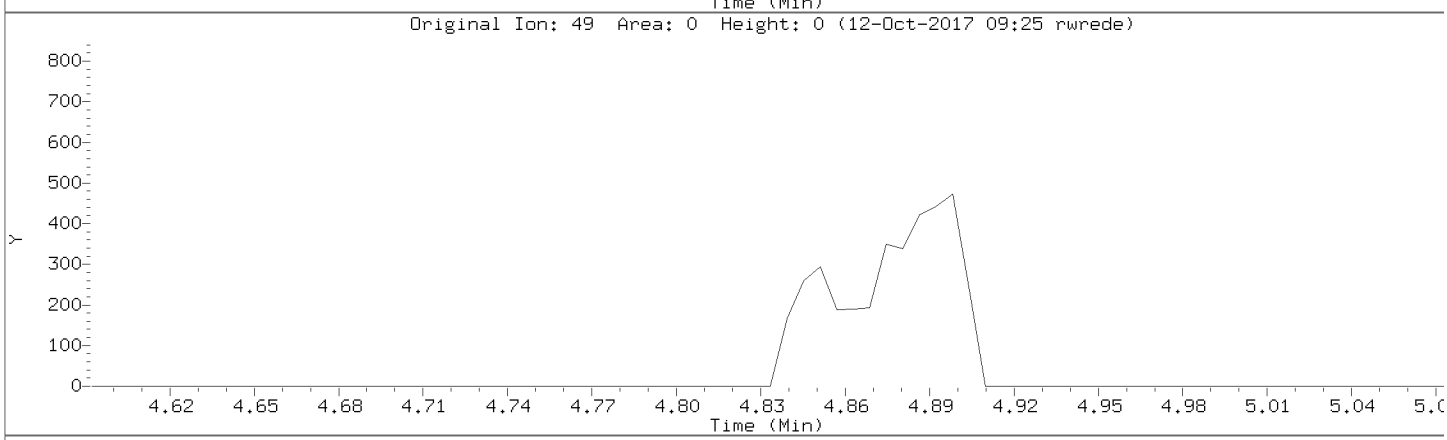
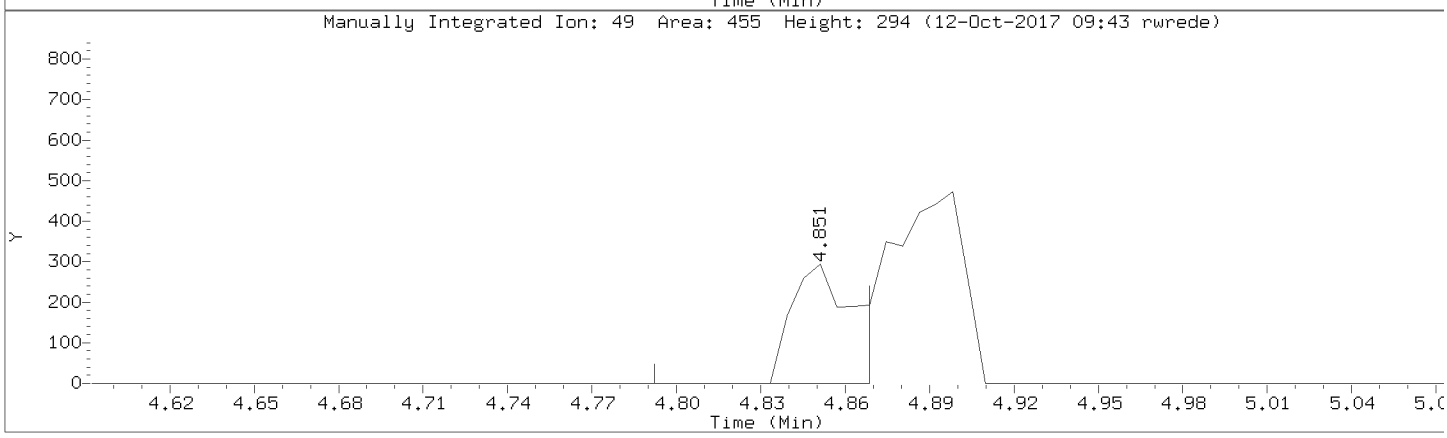
Injection Date: 11-OCT-2017 20:19
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL5

Compound: n-Butyl chloride Review Code: NI
CAS Number: 109-69-3









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Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a06.d
Lab Smp Id: 8260-CAL6 Client Smp ID: 8260-CAL6
Inj Date : 11-OCT-2017 20:54
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal6,160365:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 13 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	28782	50.0000	58.3	
3 Chloromethane	50	1.251	1.251	(0.230)	26413	50.0000	58.0	
4 Vinyl Chloride	62	1.286	1.286	(0.236)	28086	50.0000	64.1	
5 Bromomethane	94	1.498	1.498	(0.275)	9134	50.0000	81.9(M)	LT
6 Chloroethane	64	1.563	1.563	(0.287)	13779	50.0000	60.1	
8 Trichlorofluoromethane	101	1.739	1.739	(0.319)	36612	50.0000	52.7	
9 Diethyl ether	74	1.963	1.968	(0.360)	10603	50.0000	63.5	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	24557	50.0000	60.4	
11 Acrolein	56	2.086	2.086	(0.383)	87045	1000.00	1070	
12 1,1,2trichlorotrifluoroethane	101	2.127	2.133	(0.390)	23311	50.0000	63.2	
13 1,1-Dichloroethene	96	2.133	2.133	(0.391)	19644	50.0000	60.7	
14 Acetone	43	2.222	2.221	(0.408)	31063	250.000	238	
15 Iodomethane	142	2.263	2.263	(0.415)	49859	100.000	263	
16 Carbon Disulfide	76	2.304	2.310	(0.423)	59141	50.0000	63.9	
17 Acetonitrile	39	2.451	2.457	(0.450)	37018	50.0000	68.3	
18 allyl chloride	41	2.451	2.457	(0.450)	51405	100.000	131	
19 Methyl Acetate	43	2.498	2.498	(0.458)	23838	50.0000	71.5	
20 Methylene Chloride	84	2.574	2.580	(0.472)	21551	50.0000	47.8	
21 tert-Butyl Alcohol	59	2.757	2.833	(0.506)	3464	100.000	178(H)	
151 Ethyl acetate	88	4.274	4.280	(0.784)	7653	400.000	464	
23 1,2-Dichloroethene (trans)	96	2.833	2.833	(0.520)	21561	50.0000	74.1	
24 Methyl-tert-butyl ether	73	2.845	2.845	(0.522)	40878	50.0000	65.4	
22 Acrylonitrile	53	2.863	2.868	(0.525)	34100	200.000	262	

			QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25	n-Hexane	57	3.110	3.115	(0.571)	33157	50.0000	60.5	
	26	1,1-Dichloroethane	63	3.321	3.321	(0.609)	40839	50.0000	59.8	
	28	chloroprene	53	3.416	3.421	(0.627)	35288	50.0000	60.8	
	27	Vinyl Acetate	43	3.421	3.427	(0.628)	175925	200.000	220	
	7	isopropyl acetate	61	5.310	5.309	(0.974)	36800	200.000	262	
	29	2,2-Dichloropropane	77	4.074	4.080	(0.748)	25100	50.0000	68.8	
	30	1,2-Dichloroethene (cis)	96	4.104	4.109	(0.753)	25712	50.0000	65.1	
	31	2-Butanone	43	4.186	4.192	(0.768)	48092	250.000	294	
	32	Propionitrile	54	4.292	4.298	(0.787)	3927	50.0000	112(Q)	
	33	Bromochloromethane	49	4.410	4.415	(0.809)	18019	50.0000	65.4	
	34	Methacrylonitrile	41	4.457	4.457	(0.818)	16988	50.0000	54.6	
	35	Tetrahydrofuran	42	4.474	4.480	(0.821)	6676	50.0000	73.0	
	36	Chloroform	83	4.533	4.539	(0.832)	42611	50.0000	56.1	
	37	1,1,1-Trichloroethane	97	4.692	4.698	(0.861)	36660	50.0000	58.9	
$	38	Dibromofluoromethane (S)	113	4.727	4.733	(0.867)	24994	50.0000	49.2	
	39	Cyclohexane	56	4.721	4.727	(0.866)	36912	50.0000	64.8	
	40	n-Butyl chloride	56	4.845	4.845	(0.889)	45288	50.0000	61.7	
	41	Carbon Tetrachloride	117	4.874	4.874	(0.894)	35514	50.0000	66.4	
	42	1,1-Dichloropropene	75	4.892	4.892	(0.897)	30275	50.0000	57.6	
	43	Benzene	78	5.127	5.127	(0.941)	87680	50.0000	56.3	
	44	1,2-Dichloroethane	62	5.186	5.192	(0.951)	34550	50.0000	53.0	
	45	2,2,4-Trimethylpentane	57	5.210	5.215	(0.956)	61945	50.0000	55.8	
*	47	Fluorobenzene	96	5.451	5.451	(1.000)	84984	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.068)	25063	50.0000	57.5	
	49	Methylcyclohexane	55	5.980	5.980	(1.097)	30372	50.0000	72.3	
	50	1,2-Dichloropropane	63	6.062	6.062	(1.112)	23594	50.0000	58.8	
	51	Dibromomethane	93	6.180	6.180	(1.134)	15183	50.0000	65.4	
	52	1,4-Dioxane	88	6.227	6.233	(1.142)	6215	1000.00	1320	
	53	Methyl methacrylate	69	6.221	6.227	(1.141)	16079	50.0000	61.8	
	54	Bromodichloromethane	83	6.351	6.351	(1.165)	32325	50.0000	60.7	
	55	2-Chloroethyl vinyl ether	63	6.662	6.668	(0.829)	9679	100.000	90.3	
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	36094	50.0000	70.4	
	57	4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	102295	250.000	284	
$	58	Toluene-d8	98	6.992	6.998	(0.870)	89746	50.0000	49.4	
	59	Toluene	91	7.051	7.050	(0.877)	99166	50.0000	52.6	
	60	trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	32144	50.0000	62.9	
	61	Ethyl Methacrylate	69	7.345	7.345	(0.914)	28343	50.0000	55.5	
	62	1,1,2-Trichloroethane	83	7.398	7.397	(0.920)	17189	50.0000	54.4	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	28831	50.0000	53.4	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	33897	50.0000	64.4	
	65	2-Hexanone	43	7.592	7.592	(0.944)	73366	250.000	308	
	66	Dibromochloromethane	129	7.668	7.668	(0.954)	30079	50.0000	60.2	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	24066	50.0000	65.3	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	70871	50.0000		
	69	Chlorobenzene	112	8.056	8.056	(1.002)	72592	50.0000	54.1	
	2	n-amyl acetate	70	8.580	8.580	(1.574)	61439	200.000	265	
	70	1,1,1,2-Tetrachloroethane	131	8.115	8.121	(1.010)	28628	50.0000	68.4	
	71	Ethylbenzene	106	8.133	8.127	(1.012)	37132	50.0000	68.0	
	72	m&p-Xylene	106	8.203	8.203	(1.020)	95100	100.000	117	
	73	o-Xylene	106	8.445	8.450	(1.050)	45847	50.0000	62.9	
	74	Styrene	104	8.462	8.462	(1.053)	79187	50.0000	61.7	
	75	Bromoform	173	8.580	8.580	(0.910)	20463	50.0000	66.1	
	76	Isopropylbenzene	105	8.668	8.668	(1.078)	119346	50.0000	55.8	
$	77	4-Bromofluorobenzene	95	8.762	8.762	(1.090)	36330	50.0000	52.0	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
78	Bromobenzene	77	8.851	8.850	(1.101)	42472	50.0000	57.8	
79	1,1,2,2-Tetrachloroethane	83	8.862	8.862	(0.940)	30378	50.0000	54.1	
80	1,2,3-Trichloropropane	110	8.886	8.886	(0.942)	9381	50.0000	55.7(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.892	8.897	(1.106)	8491	50.0000	66.2(Q)	
82	n-Propylbenzene	91	8.909	8.909	(0.945)	136280	50.0000	55.0	
83	2-Chlorotoluene	91	8.962	8.962	(0.950)	81126	50.0000	54.6	
84	1,3,5-Trimethylbenzene	105	9.009	9.009	(0.955)	98663	50.0000	57.1	
85	4-Chlorotoluene	126	9.027	9.027	(0.957)	31793	50.0000	61.6	
86	tert-Butylbenzene	119	9.198	9.203	(0.975)	113419	50.0000	56.7	
87	1,2,4-Trimethylbenzene	105	9.227	9.227	(0.978)	101267	50.0000	57.8	
88	sec-Butylbenzene	105	9.321	9.327	(0.988)	117449	50.0000	58.6	
89	1,3-Dichlorobenzene	146	9.392	9.397	(0.996)	61166	50.0000	59.1	
90	p-Isopropyltoluene	119	9.403	9.409	(0.997)	106846	50.0000	59.3	
* 91	1,4-Dichlorobenzene-d4	152	9.433	9.433	(1.000)	39052	50.0000		
92	1,4-Dichlorobenzene	146	9.445	9.450	(1.001)	60990	50.0000	55.7	
93	n-Butylbenzene	91	9.639	9.644	(1.022)	81539	50.0000	69.5	
94	1,2-Dichlorobenzene	146	9.662	9.668	(1.024)	55874	50.0000	52.8	
95	1,2-Dibromo-3-chloropropane	155	10.121	10.133	(1.073)	5909	50.0000	67.1(Q)	
96	1,2,4-Trichlorobenzene	180	10.597	10.609	(1.123)	27784	50.0000	72.4	
97	Hexachlorobutadiene	225	10.686	10.703	(1.133)	11939	50.0000	67.0	
98	Naphthalene	128	10.756	10.768	(1.140)	80255	50.0000	89.1	
99	1,2,3-Trichlorobenzene	180	10.897	10.915	(1.155)	25971	50.0000	72.0	
100	2,methyl-naphthalene	142	11.456	11.474	(1.214)	21676	50.0000	134	
101	1-Methylnaphthalene	142	11.574	11.597	(2.123)	20639	50.0000	149	

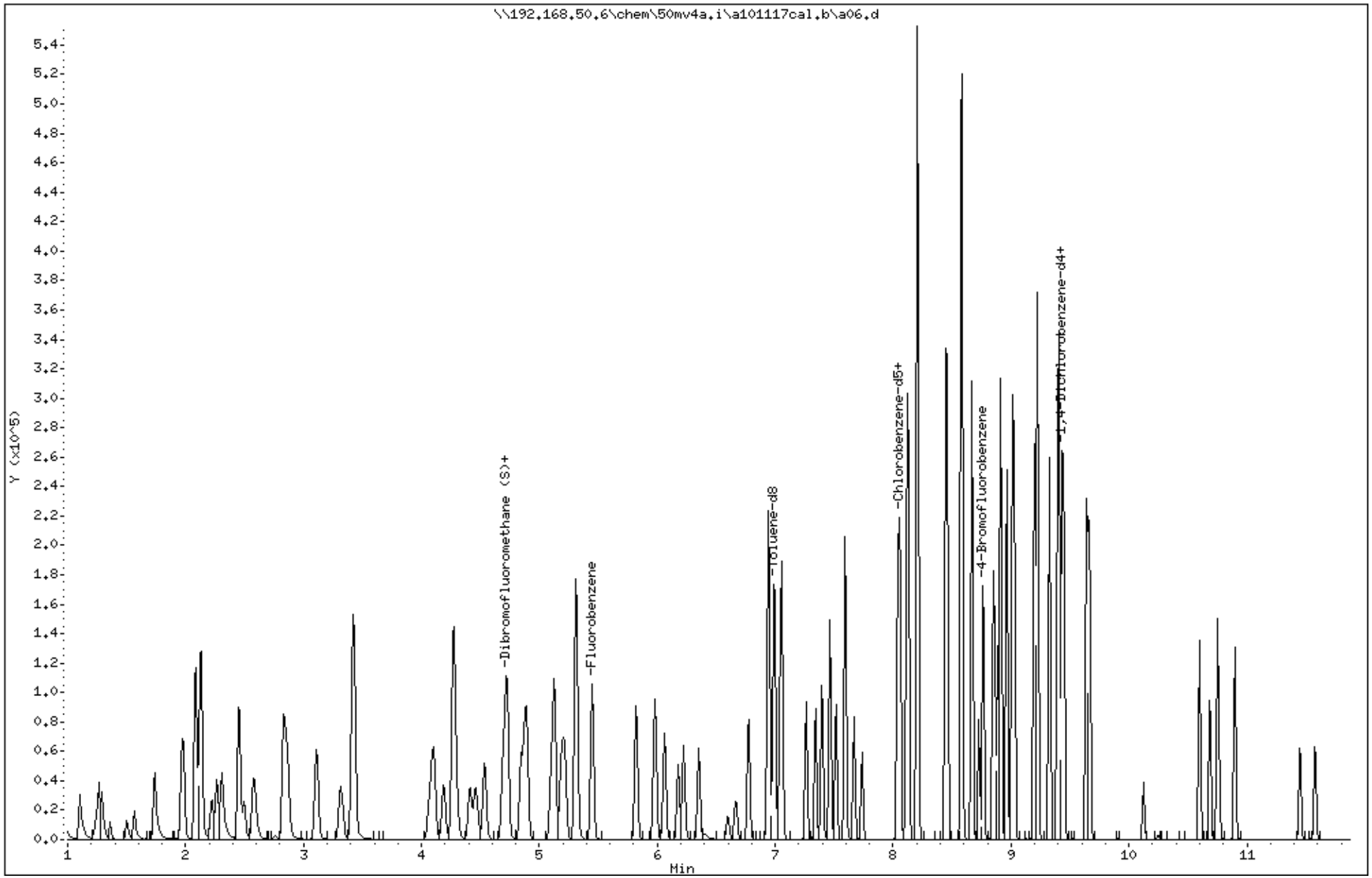
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

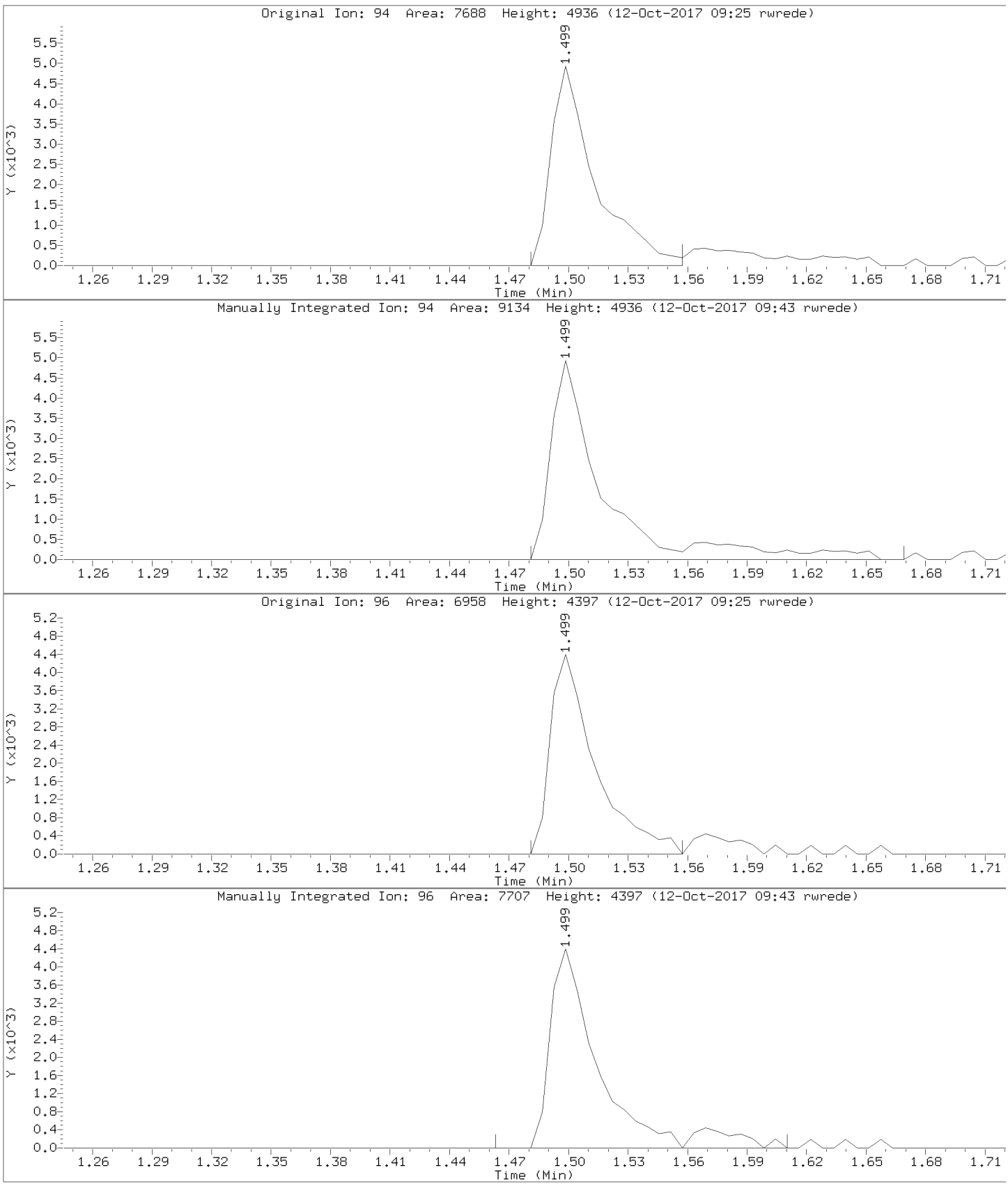
:
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a06.d
Date : 11-OCT-2017 20:54
Client ID: 8260-CAL6
Instrument: 50mv4a.i
Sample Info: 8260-CAL6,160365:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a06.d
Injection Date: 11-OCT-2017 20:54
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL6

Compound: Bromomethane Review Code: LT
CAS Number: 74-83-9



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Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a07.d
Lab Smp Id: 8260-CAL7 Client Smp ID: 8260-CAL7
Inj Date : 11-OCT-2017 21:29
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal7,160366:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 15 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	86997	150.000	167	
3 Chloromethane	50	1.251	1.251	(0.230)	86372	150.000	180(M)	LT
4 Vinyl Chloride	62	1.286	1.286	(0.236)	87585	150.000	187	
5 Bromomethane	94	1.492	1.498	(0.274)	27900	150.000	211	
6 Chloroethane	64	1.557	1.563	(0.286)	28060	150.000	115	
8 Trichlorofluoromethane	101	1.727	1.739	(0.317)	111745	150.000	155	
9 Diethyl ether	74	1.969	1.968	(0.361)	32097	150.000	178	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	71438	150.000	165	
11 Acrolein	56	2.092	2.086	(0.384)	258653	3000.00	3060	
12 1,1,2trichlorotrifluoroethane	101	2.127	2.133	(0.390)	67026	150.000	169	
13 1,1-Dichloroethene	96	2.133	2.133	(0.391)	57275	150.000	166	
14 Acetone	43	2.227	2.221	(0.409)	88669	750.000	670	
15 Iodomethane	142	2.263	2.263	(0.415)	144026	300.000	560	
16 Carbon Disulfide	76	2.298	2.310	(0.422)	175829	150.000	177	
17 Acetonitrile	39	2.457	2.457	(0.451)	96710	150.000	164	
18 allyl chloride	41	2.457	2.457	(0.451)	133649	300.000	317	
19 Methyl Acetate	43	2.504	2.498	(0.459)	71859	150.000	194	
20 Methylene Chloride	84	2.580	2.580	(0.473)	62676	150.000	137	
21 tert-Butyl Alcohol	59	2.786	2.833	(0.511)	8399	300.000	334(H)	
151 Ethyl acetate	88	4.280	4.280	(0.785)	23522	1200.00	1320	
23 1,2-Dichloroethene (trans)	96	2.827	2.833	(0.519)	61650	150.000	189	
24 Methyl-tert-butyl ether	73	2.851	2.845	(0.523)	120184	150.000	179	
22 Acrylonitrile	53	2.874	2.868	(0.527)	99641	600.000	711	

			QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25	n-Hexane	57	3.110	3.115	(0.571)	92812	150.000	159	
	26	1,1-Dichloroethane	63	3.316	3.321	(0.608)	121006	150.000	167	
	28	chloroprene	53	3.416	3.421	(0.627)	106054	150.000	171	
	27	Vinyl Acetate	43	3.433	3.427	(0.630)	529127	600.000	635	
	7	isopropyl acetate	61	5.315	5.309	(0.975)	111365	600.000	738	
	29	2,2-Dichloropropane	77	4.080	4.080	(0.749)	74174	150.000	185	
	30	1,2-Dichloroethene (cis)	96	4.104	4.109	(0.753)	72606	150.000	169	
	31	2-Butanone	43	4.198	4.192	(0.770)	139493	750.000	809	
	32	Propionitrile	54	4.310	4.298	(0.791)	13014	150.000	257(Q)	
	33	Bromochloromethane	49	4.415	4.415	(0.810)	49200	150.000	164	
	34	Methacrylonitrile	41	4.463	4.457	(0.819)	50164	150.000	154	
	35	Tetrahydrofuran	42	4.480	4.480	(0.822)	19456	150.000	186	
	36	Chloroform	83	4.539	4.539	(0.833)	122643	150.000	154	
	37	1,1,1-Trichloroethane	97	4.698	4.698	(0.862)	105245	150.000	160	
$	38	Dibromofluoromethane (S)	113	4.733	4.733	(0.868)	25244	50.0000	48.7	
	39	Cyclohexane	56	4.721	4.727	(0.866)	102736	150.000	166	
	40	n-Butyl chloride	56	4.845	4.845	(0.889)	127932	150.000	163(M)	GT
	41	Carbon Tetrachloride	117	4.874	4.874	(0.894)	102798	150.000	176	
	42	1,1-Dichloropropene	75	4.892	4.892	(0.897)	88052	150.000	159	
	43	Benzene	78	5.127	5.127	(0.941)	251214	150.000	154	
	44	1,2-Dichloroethane	62	5.186	5.192	(0.951)	95346	150.000	141	
	45	2,2,4-Trimethylpentane	57	5.210	5.215	(0.956)	178539	150.000	154	
*	47	Fluorobenzene	96	5.451	5.451	(1.000)	86960	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.068)	72667	150.000	158	
	49	Methylcyclohexane	55	5.980	5.980	(1.097)	85478	150.000	185	
	50	1,2-Dichloropropane	63	6.062	6.062	(1.112)	68780	150.000	162	
	51	Dibromomethane	93	6.180	6.180	(1.134)	44972	150.000	178	
	52	1,4-Dioxane	88	6.233	6.233	(1.144)	18439	3000.00	3460	
	53	Methyl methacrylate	69	6.227	6.227	(1.142)	46944	150.000	166	
	54	Bromodichloromethane	83	6.351	6.351	(1.165)	94916	150.000	167	
	55	2-Chloroethyl vinyl ether	63	6.668	6.668	(0.830)	25495	300.000	233	
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	108952	150.000	190	
	57	4-Methyl-2-Pentanone	43	6.951	6.945	(0.865)	291516	750.000	755	
$	58	Toluene-d8	98	6.998	6.998	(0.870)	92757	50.0000	48.9	
	59	Toluene	91	7.051	7.050	(0.877)	287774	150.000	144	
	60	trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	99783	150.000	177	
	61	Ethyl Methacrylate	69	7.345	7.345	(0.914)	88999	150.000	163	
	62	1,1,2-Trichloroethane	83	7.398	7.397	(0.920)	51772	150.000	154	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	82002	150.000	143	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	96382	150.000	167	
	65	2-Hexanone	43	7.598	7.592	(0.945)	208314	750.000	803	
	66	Dibromochloromethane	129	7.668	7.668	(0.954)	88980	150.000	164	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	72045	150.000	178	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	74194	50.0000		
	69	Chlorobenzene	112	8.056	8.056	(1.002)	207060	150.000	145	
	2	n-amyl acetate	70	8.574	8.580	(1.573)	180964	600.000	724	
	70	1,1,1,2-Tetrachloroethane	131	8.115	8.121	(1.010)	81857	150.000	176	
	71	Ethylbenzene	106	8.127	8.127	(1.011)	107426	150.000	177	
	72	m&p-Xylene	106	8.203	8.203	(1.020)	269996	300.000	309	
	73	o-Xylene	106	8.445	8.450	(1.050)	130297	150.000	164	
	74	Styrene	104	8.456	8.462	(1.052)	221564	150.000	157	
	75	Bromoform	173	8.574	8.580	(0.910)	59002	150.000	174	
	76	Isopropylbenzene	105	8.662	8.668	(1.078)	350184	150.000	153	
$	77	4-Bromofluorobenzene	95	8.762	8.762	(1.090)	36204	50.0000	49.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	REVIEW C
78	Bromobenzene	77	8.845	8.850	(1.100)	121070	150.000	153	
79	1,1,2,2-Tetrachloroethane	83	8.862	8.862	(0.940)	91509	150.000	156	
80	1,2,3-Trichloropropane	110	8.880	8.886	(0.942)	28182	150.000	159(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.892	8.897	(1.106)	23514	150.000	162	
82	n-Propylbenzene	91	8.903	8.909	(0.944)	391979	150.000	151	
83	2-Chlorotoluene	91	8.956	8.962	(0.950)	232773	150.000	150	
84	1,3,5-Trimethylbenzene	105	9.003	9.009	(0.955)	283327	150.000	155	
85	4-Chlorotoluene	126	9.021	9.027	(0.957)	91601	150.000	166	
86	tert-Butylbenzene	119	9.192	9.203	(0.975)	328056	150.000	155	
87	1,2,4-Trimethylbenzene	105	9.221	9.227	(0.978)	295209	150.000	159	
88	sec-Butylbenzene	105	9.315	9.327	(0.988)	343693	150.000	161	
89	1,3-Dichlorobenzene	146	9.386	9.397	(0.996)	171057	150.000	155	
90	p-Isopropyltoluene	119	9.398	9.409	(0.997)	315492	150.000	164	
* 91	1,4-Dichlorobenzene-d4	152	9.427	9.433	(1.000)	40166	50.0000	(Q)	
92	1,4-Dichlorobenzene	146	9.439	9.450	(1.001)	180060	150.000	157	
93	n-Butylbenzene	91	9.633	9.644	(1.022)	246867	150.000	192	
94	1,2-Dichlorobenzene	146	9.656	9.668	(1.024)	166956	150.000	152	
95	1,2-Dibromo-3-chloropropane	155	10.115	10.133	(1.073)	19197	150.000	195	
96	1,2,4-Trichlorobenzene	180	10.586	10.609	(1.123)	86454	150.000	201	
97	Hexachlorobutadiene	225	10.674	10.703	(1.132)	37441	150.000	191	
98	Naphthalene	128	10.744	10.768	(1.140)	273966	150.000	262	
99	1,2,3-Trichlorobenzene	180	10.886	10.915	(1.155)	79975	150.000	198	
100	2,methyl-naphthalene	142	11.439	11.474	(1.213)	81590	150.000	345	
101	1-Methylnaphthalene	142	11.562	11.597	(2.121)	76925	150.000	389(H)	

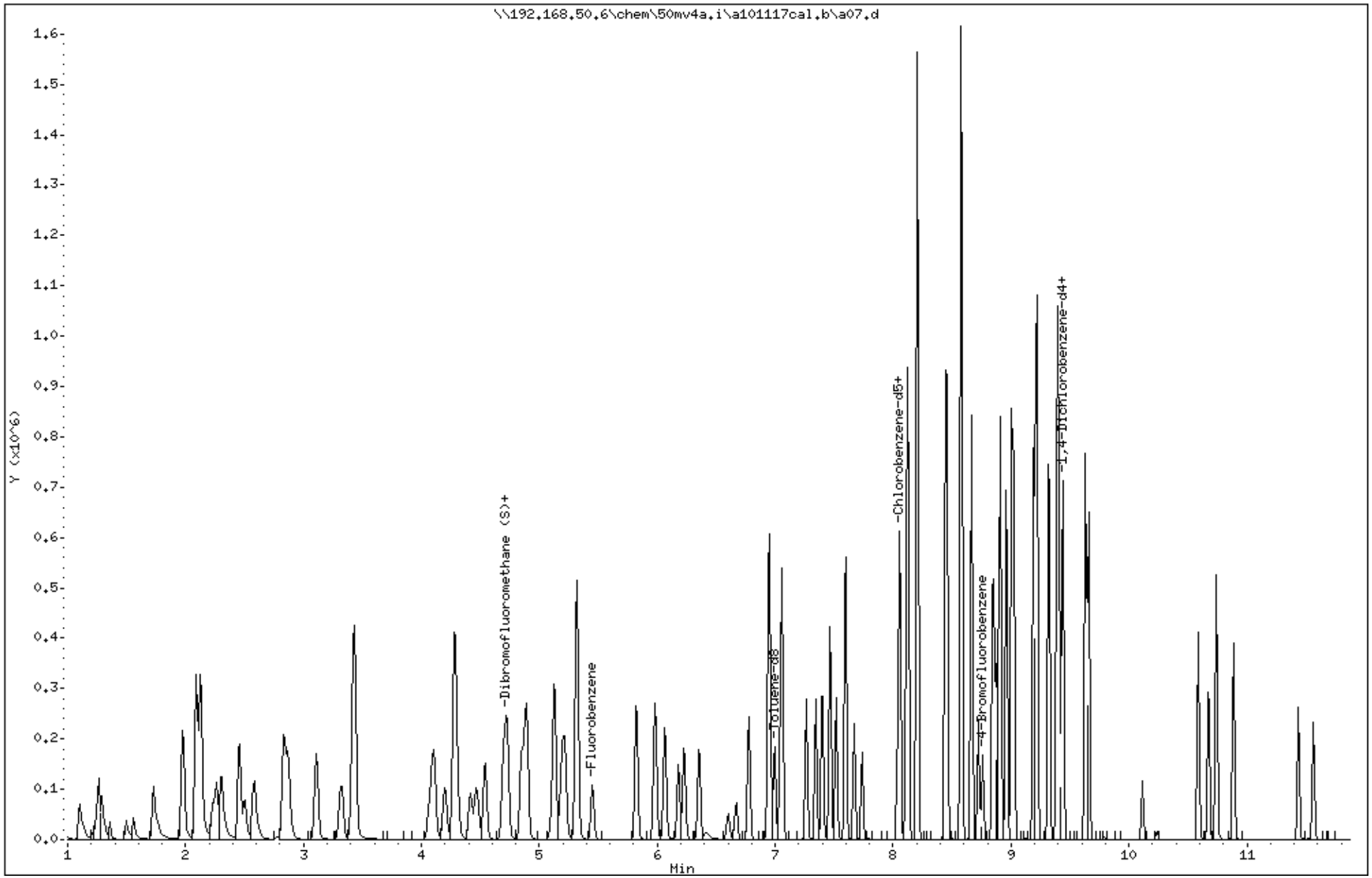
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

:
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a07.d
Date : 11-OCT-2017 21:29
Client ID: 8260-CAL7
Instrument: 50mv4a.i
Sample Info: 8260-CAL7,160366:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



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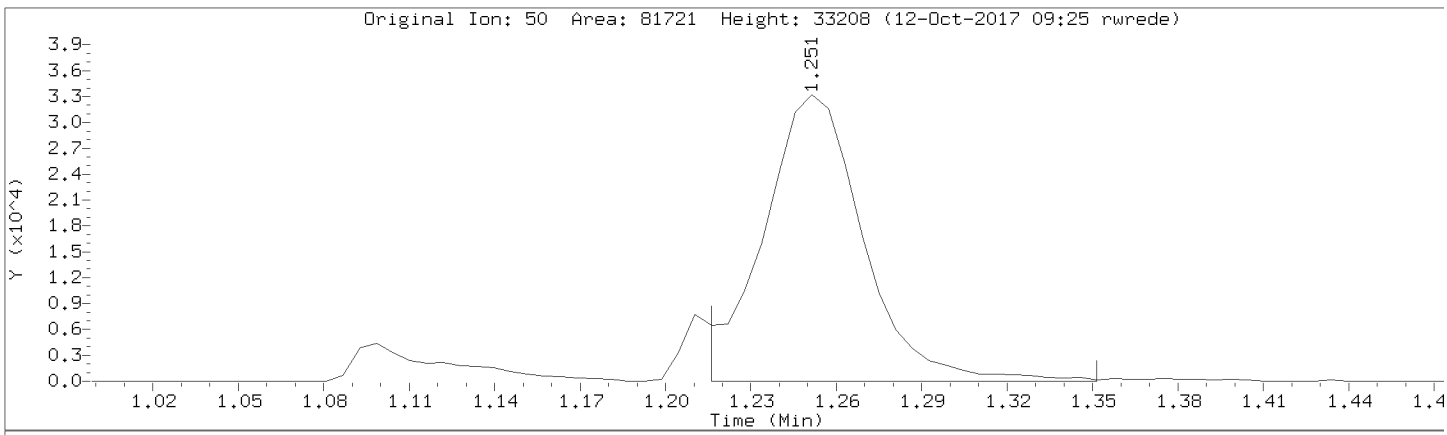
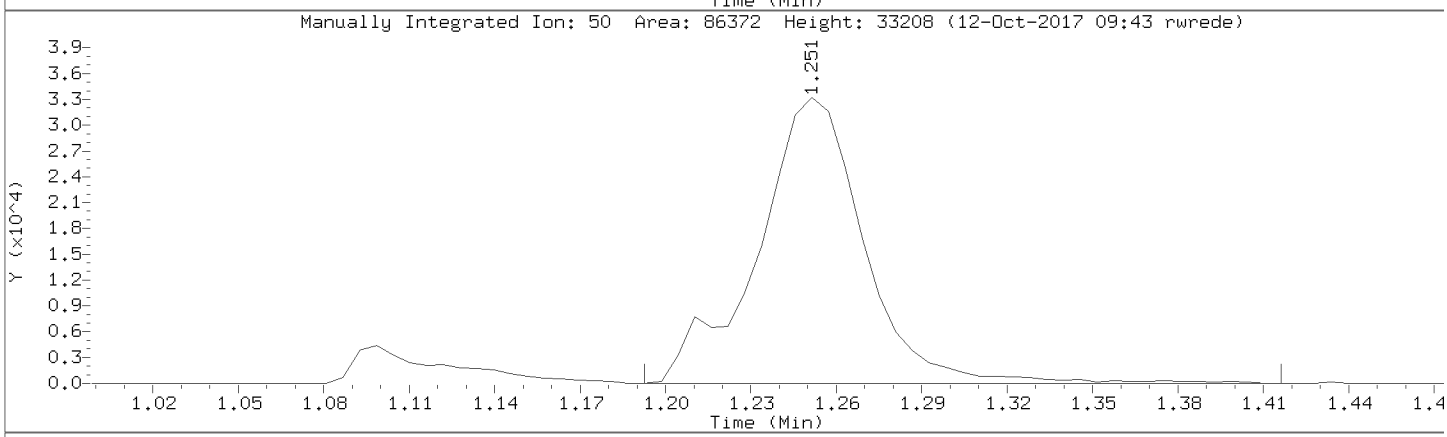
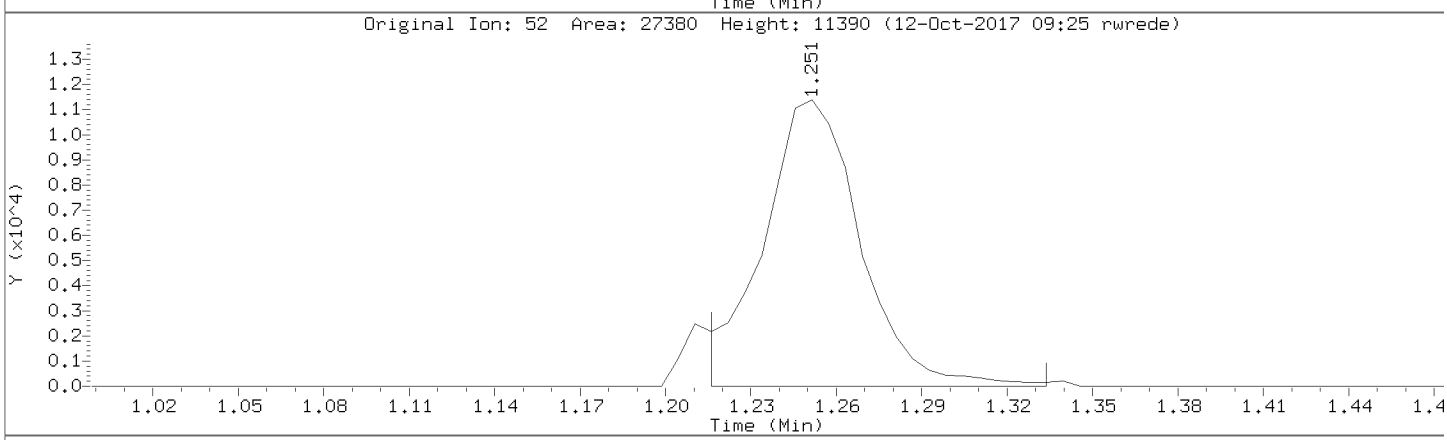
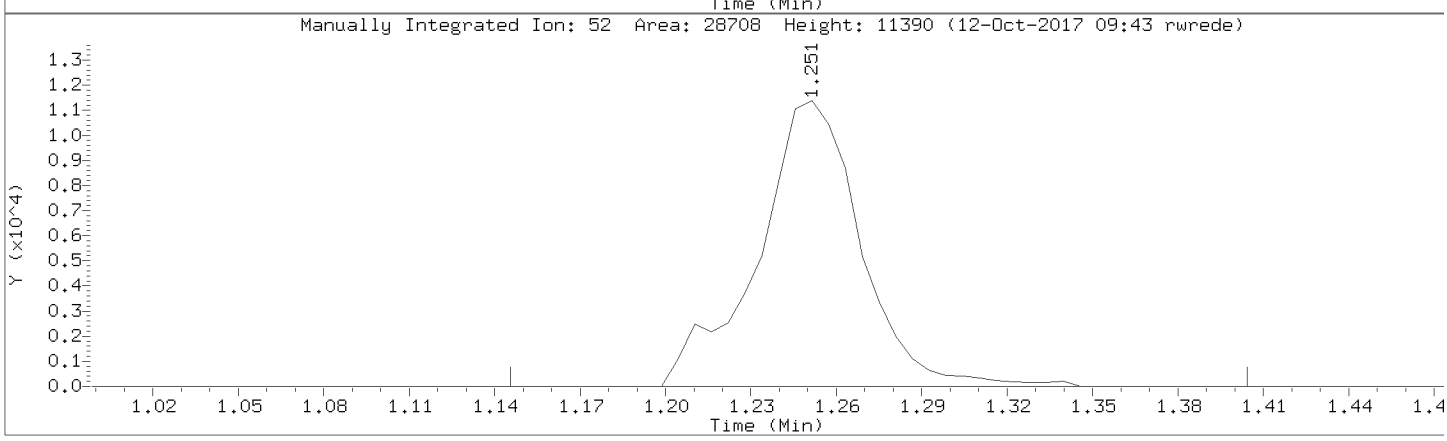
Injection Date: 11-OCT-2017 21:29
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL7

Compound: Chloromethane Review Code: LT
CAS Number: 74-87-3









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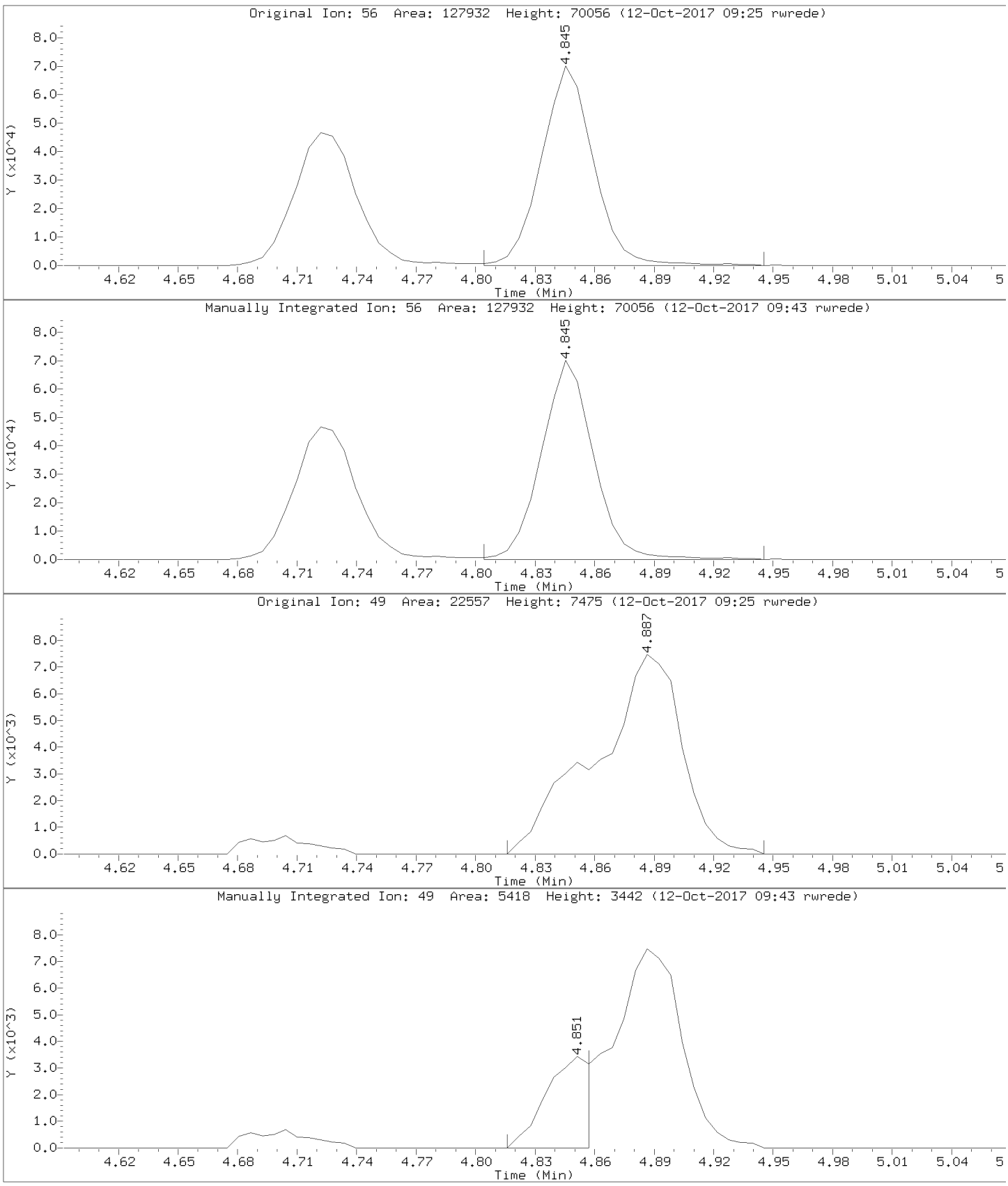
Injection Date: 11-OCT-2017 21:29
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL7

Compound: n-Butyl chloride Review Code: GT
CAS Number: 109-69-3



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Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a08.d
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Inj Date : 11-OCT-2017 22:04
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-cal8,160367:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 22-SEP-2017 17:05 Cal File: a04.d
Als bottle: 17 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	176533	300.000	348	
3 Chloromethane	50	1.251	1.251	(0.230)	181501	300.000	383(M)	LT
4 Vinyl Chloride	62	1.286	1.286	(0.236)	180086	300.000	402	
5 Bromomethane	94	1.492	1.498	(0.274)	59251	300.000	469(M)	LT
6 Chloroethane	64	1.557	1.563	(0.286)	53021	300.000	228	
8 Trichlorofluoromethane	101	1.716	1.739	(0.315)	224115	300.000	325	
9 Diethyl ether	74	1.969	1.968	(0.361)	65371	300.000	369	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.363)	151760	300.000	361	
11 Acrolein	56	2.098	2.086	(0.385)	497199	6000.00	6150	
12 1,1,2trichlorotrifluoroethane	101	2.116	2.133	(0.388)	133866	300.000	346	
13 1,1-Dichloroethene	96	2.122	2.133	(0.389)	121344	300.000	362	
14 Acetone	43	2.245	2.221	(0.412)	181675	1500.00	1460	
15 Iodomethane	142	2.257	2.263	(0.414)	261250	600.000	930	
16 Carbon Disulfide	76	2.292	2.310	(0.421)	364260	300.000	375	
17 Acetonitrile	39	2.451	2.457	(0.450)	193823	300.000	340	
18 allyl chloride	41	2.451	2.457	(0.450)	268272	600.000	661	
19 Methyl Acetate	43	2.510	2.498	(0.460)	123581	300.000	333	
20 Methylene Chloride	84	2.574	2.580	(0.472)	130106	300.000	302	
21 tert-Butyl Alcohol	59	2.827	2.833	(0.519)	18047	600.000	732(M)	GT
151 Ethyl acetate	88	4.292	4.280	(0.787)	46518	2400.00	2670	
23 1,2-Dichloroethene (trans)	96	2.827	2.833	(0.519)	127910	300.000	394	
24 Methyl-tert-butyl ether	73	2.857	2.845	(0.524)	228182	300.000	355	
22 Acrylonitrile	53	2.880	2.868	(0.528)	204415	1200.00	1490	

			QUANT SIG					AMOUNTS CAL-AMT	ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25	n-Hexane	57	3.098	3.115	(0.568)	192862	300.000	342	
	26	1,1-Dichloroethane	63	3.321	3.321	(0.609)	246816	300.000	350	
	28	chloroprene	53	3.410	3.421	(0.626)	217783	300.000	360	
	27	Vinyl Acetate	43	3.433	3.427	(0.630)	1077454	1200.00	1340	
	7	isopropyl acetate	61	5.321	5.309	(0.976)	225751	1200.00	1520	
	29	2,2-Dichloropropane	77	4.074	4.080	(0.748)	151009	300.000	379	
	30	1,2-Dichloroethene (cis)	96	4.104	4.109	(0.753)	158292	300.000	379	
	31	2-Butanone	43	4.210	4.192	(0.772)	277693	1500.00	1670	
	32	Propionitrile	54	4.321	4.298	(0.793)	25885	300.000	454	
	33	Bromochloromethane	49	4.416	4.415	(0.810)	96889	300.000	334	
	34	Methacrylonitrile	41	4.468	4.457	(0.820)	102698	300.000	329	
	35	Tetrahydrofuran	42	4.486	4.480	(0.823)	40579	300.000	388	
	36	Chloroform	83	4.539	4.539	(0.833)	254654	300.000	334	
	37	1,1,1-Trichloroethane	97	4.692	4.698	(0.861)	221862	300.000	349	
$	38	Dibromofluoromethane (S)	113	4.733	4.733	(0.868)	24430	50.0000	49.6	
	39	Cyclohexane	56	4.721	4.727	(0.866)	214550	300.000	358	
	40	n-Butyl chloride	56	4.845	4.845	(0.889)	262289	300.000	345(M)	GT
	41	Carbon Tetrachloride	117	4.874	4.874	(0.894)	209510	300.000	366	
	42	1,1-Dichloropropene	75	4.892	4.892	(0.897)	182103	300.000	341	
	43	Benzene	78	5.127	5.127	(0.941)	521029	300.000	334	
	44	1,2-Dichloroethane	62	5.186	5.192	(0.951)	197695	300.000	310	
	45	2,2,4-Trimethylpentane	57	5.210	5.215	(0.956)	370693	300.000	333	
*	47	Fluorobenzene	96	5.451	5.451	(1.000)	82990	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.068)	152032	300.000	344	
	49	Methylcyclohexane	55	5.980	5.980	(1.097)	179348	300.000	394	
	50	1,2-Dichloropropane	63	6.062	6.062	(1.112)	140460	300.000	342	
	51	Dibromomethane	93	6.180	6.180	(1.134)	89570	300.000	361	
	52	1,4-Dioxane	88	6.245	6.233	(1.146)	40408	6000.00	7650	
	53	Methyl methacrylate	69	6.233	6.227	(1.144)	97288	300.000	354	
	54	Bromodichloromethane	83	6.351	6.351	(1.165)	193378	300.000	350	
	55	2-Chloroethyl vinyl ether	63	6.668	6.668	(0.830)	46562	600.000	469	
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	224304	300.000	398	
	57	4-Methyl-2-Pentanone	43	6.957	6.945	(0.865)	573031	1500.00	1560	
$	58	Toluene-d8	98	6.998	6.998	(0.870)	87139	50.0000	48.6	
	59	Toluene	91	7.057	7.050	(0.878)	585077	300.000	312	
	60	trans-1,3-Dichloropropene	75	7.268	7.262	(0.904)	207148	300.000	377	
	61	Ethyl Methacrylate	69	7.351	7.345	(0.914)	182137	300.000	347	
	62	1,1,2-Trichloroethane	83	7.404	7.397	(0.921)	105288	300.000	329	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	171253	300.000	318	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	195189	300.000	351	
	65	2-Hexanone	43	7.598	7.592	(0.945)	420930	1500.00	1690	
	66	Dibromochloromethane	129	7.674	7.668	(0.955)	183173	300.000	350	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	146426	300.000	371	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	70344	50.0000		
	69	Chlorobenzene	112	8.056	8.056	(1.002)	423498	300.000	315	
	2	n-amyl acetate	70	8.580	8.580	(1.574)	372768	1200.00	1520	
	70	1,1,1,2-Tetrachloroethane	131	8.115	8.121	(1.010)	169120	300.000	374	
	71	Ethylbenzene	106	8.133	8.127	(1.012)	217459	300.000	369	
	72	m&p-Xylene	106	8.203	8.203	(1.020)	528984	600.000	635	
	73	o-Xylene	106	8.445	8.450	(1.050)	270206	300.000	354	
	74	Styrene	104	8.456	8.462	(1.052)	464521	300.000	345	
	75	Bromoform	173	8.574	8.580	(0.910)	122625	300.000	360	
	76	Isopropylbenzene	105	8.668	8.668	(1.078)	699373	300.000	321	
$	77	4-Bromofluorobenzene	95	8.762	8.762	(1.090)	36824	50.0000	52.9	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
78	Bromobenzene	77	8.851	8.850	(1.101)	249302	300.000	332	
79	1,1,2,2-Tetrachloroethane	83	8.862	8.862	(0.940)	189439	300.000	329	
80	1,2,3-Trichloropropane	110	8.886	8.886	(0.943)	57596	300.000	329(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.892	8.897	(1.106)	49197	300.000	352	
82	n-Propylbenzene	91	8.909	8.909	(0.945)	805681	300.000	316	
83	2-Chlorotoluene	91	8.962	8.962	(0.951)	479564	300.000	315	
84	1,3,5-Trimethylbenzene	105	9.009	9.009	(0.956)	586055	300.000	326	
85	4-Chlorotoluene	126	9.027	9.027	(0.958)	185620	300.000	339	
86	tert-Butylbenzene	119	9.198	9.203	(0.976)	673251	300.000	324(M)	LT
87	1,2,4-Trimethylbenzene	105	9.221	9.227	(0.978)	603550	300.000	329	
88	sec-Butylbenzene	105	9.321	9.327	(0.989)	719398	300.000	341	
89	1,3-Dichlorobenzene	146	9.392	9.397	(0.996)	364141	300.000	336	
90	p-Isopropyltoluene	119	9.403	9.409	(0.998)	637717	300.000	334	
* 91	1,4-Dichlorobenzene-d4	152	9.427	9.433	(1.000)	39275	50.0000	(Q)	
92	1,4-Dichlorobenzene	146	9.445	9.450	(1.002)	373522	300.000	331	
93	n-Butylbenzene	91	9.639	9.644	(1.022)	522791	300.000	400	
94	1,2-Dichlorobenzene	146	9.662	9.668	(1.025)	351439	300.000	326	
95	1,2-Dibromo-3-chloropropane	155	10.121	10.133	(1.074)	41347	300.000	406	
96	1,2,4-Trichlorobenzene	180	10.597	10.609	(1.124)	196053	300.000	441	
97	Hexachlorobutadiene	225	10.686	10.703	(1.134)	81488	300.000	407	
98	Naphthalene	128	10.750	10.768	(1.140)	629068	300.000	555	
99	1,2,3-Trichlorobenzene	180	10.897	10.915	(1.156)	183615	300.000	442	
100	2,methyl-naphthalene	142	11.450	11.474	(1.215)	231197	300.000	999	
101	1-Methylnaphthalene	142	11.580	11.597	(2.124)	208334	300.000	1100	

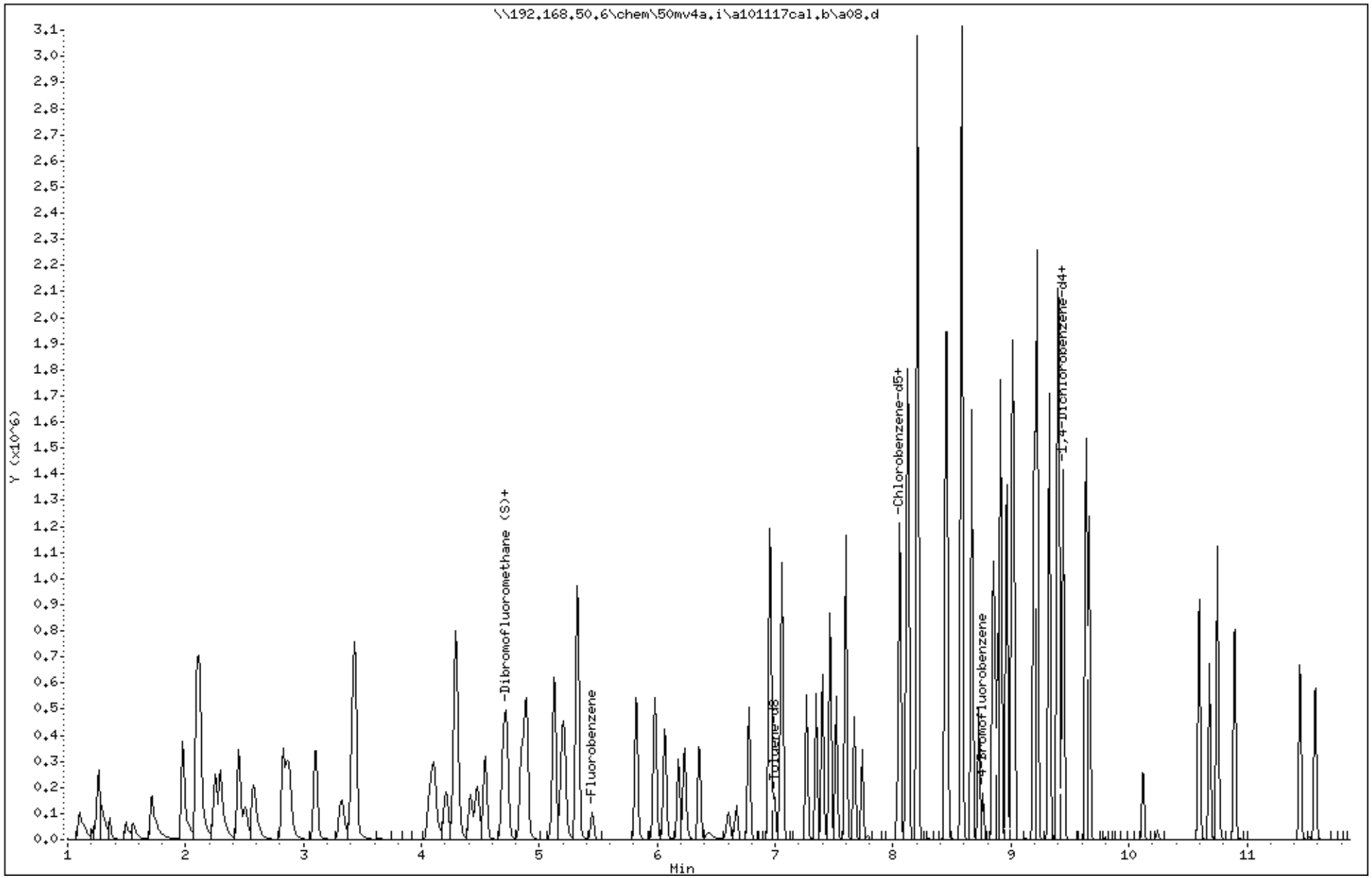
QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

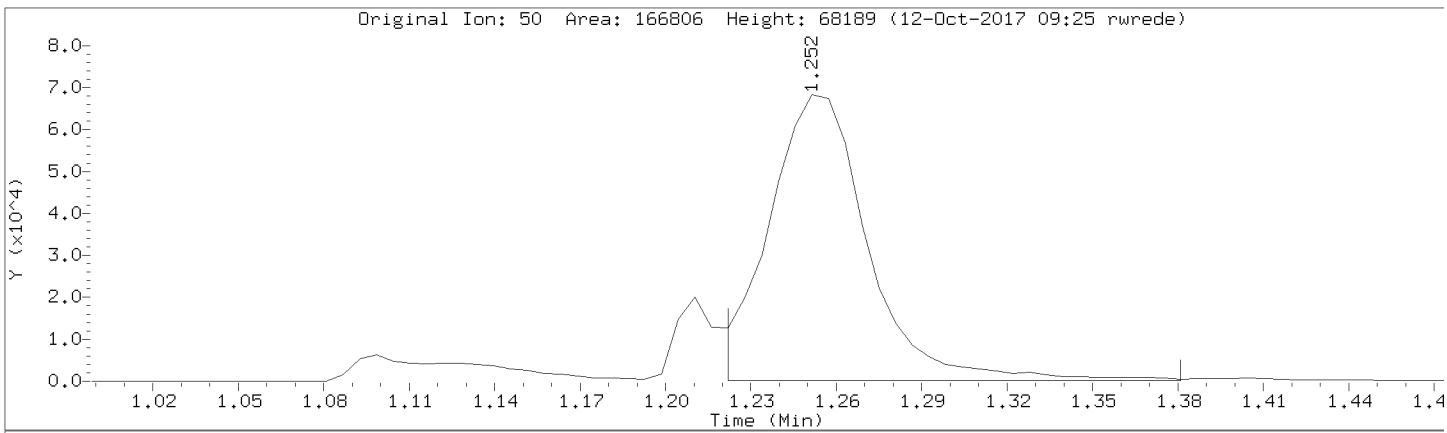
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).
:
GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

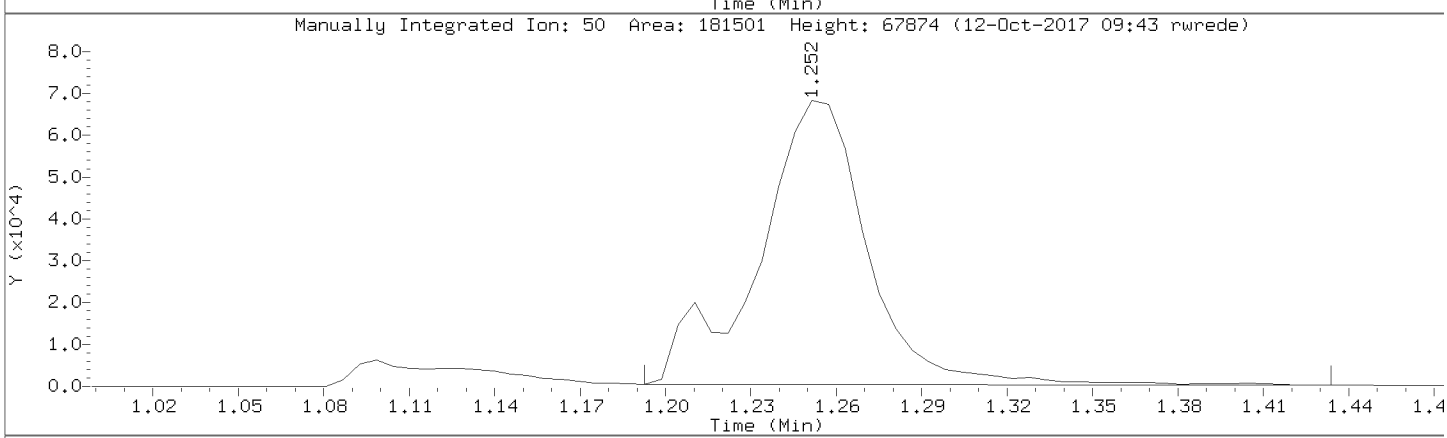
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a08.d
Date : 11-OCT-2017 22:04
Client ID: 8260-CAL8
Instrument: 50mv4a.i
Sample Info: 8260-CAL8,160367:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18

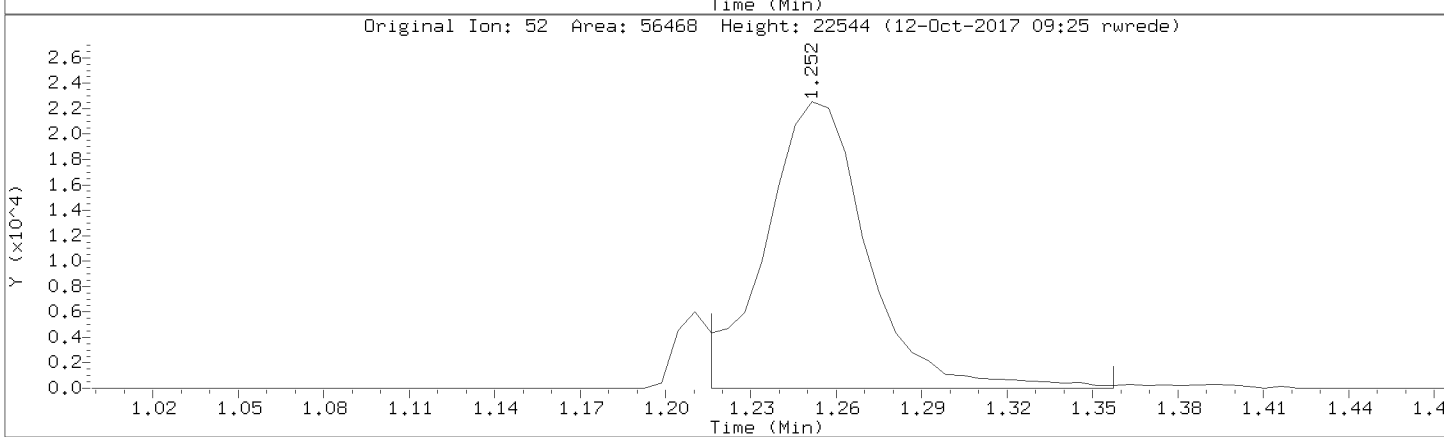


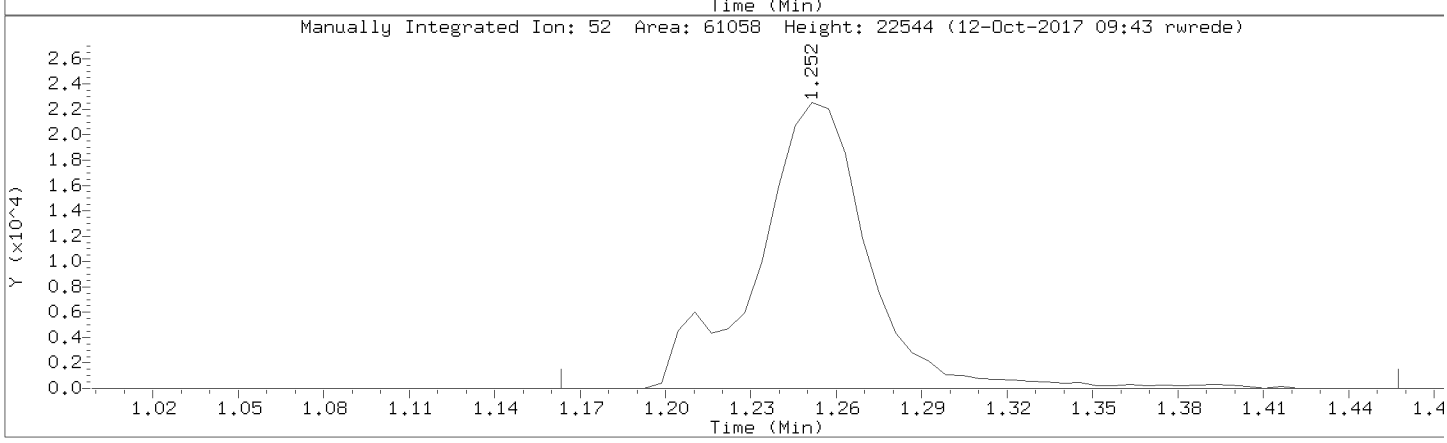
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a08.d
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8

Compound: Chloromethane Review Code: LT
CAS Number: 74-87-3



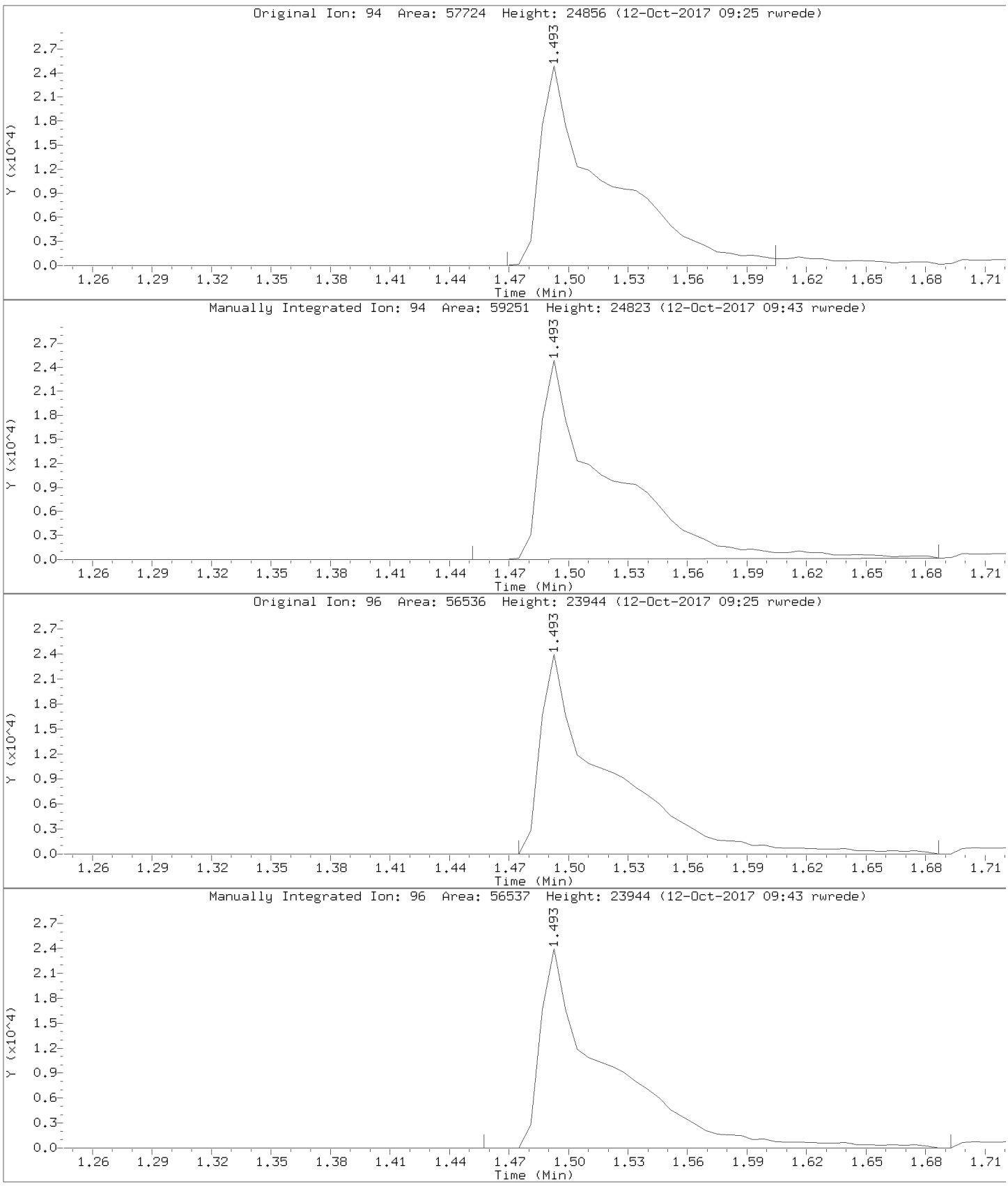






Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a08.d
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8

Compound: Bromomethane Review Code: LT
CAS Number: 74-83-9



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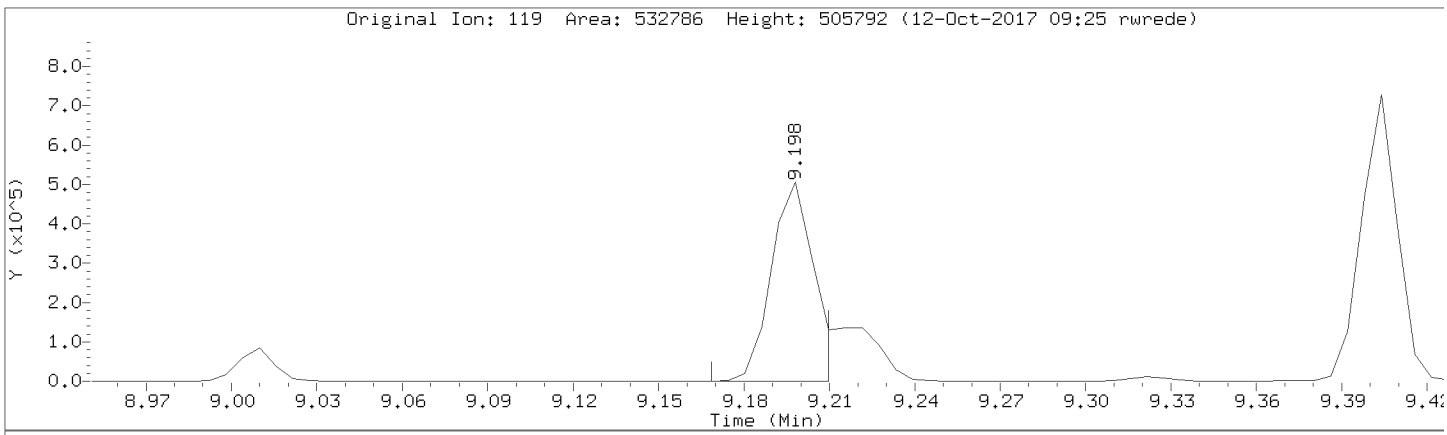
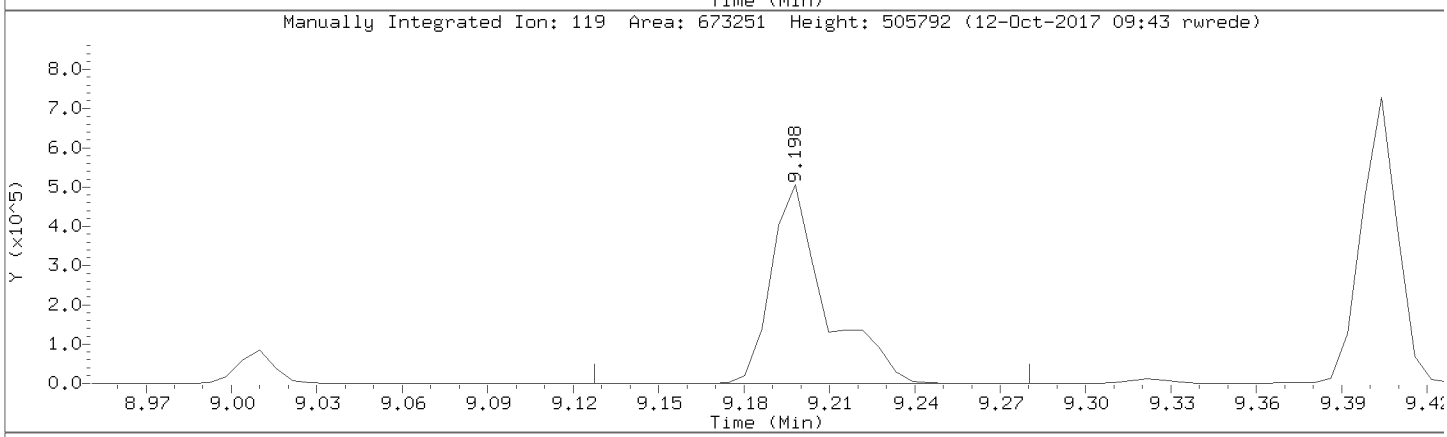
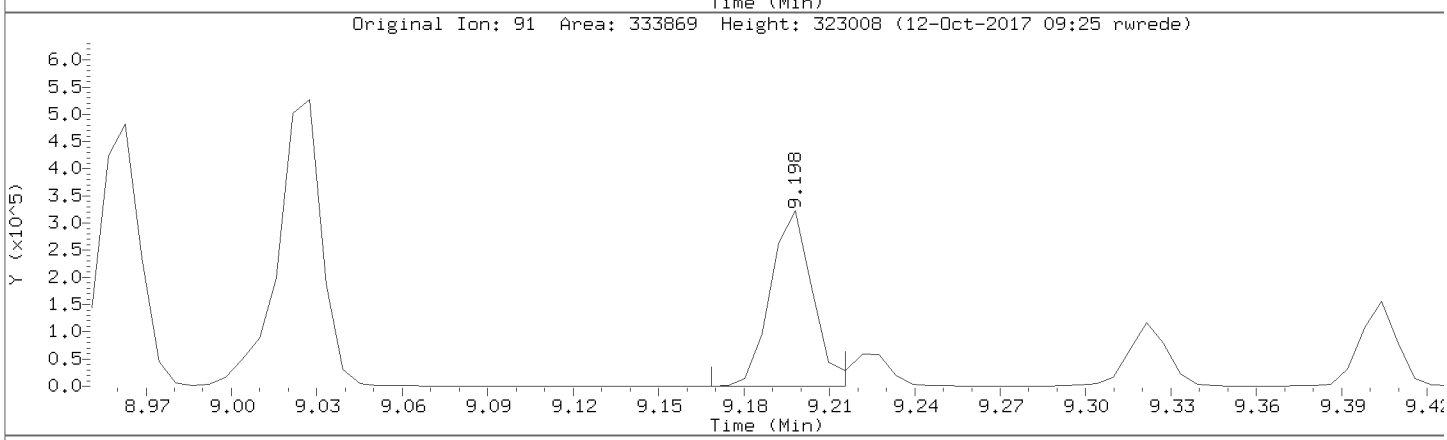
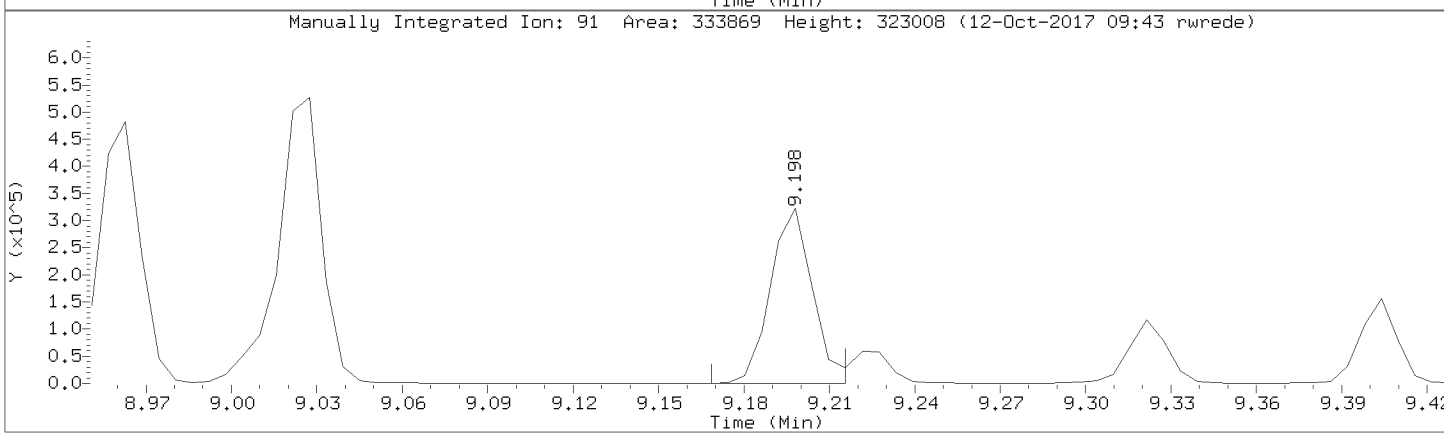
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8

Compound: tert-Butylbenzene Review Code: LT
CAS Number: 98-06-6









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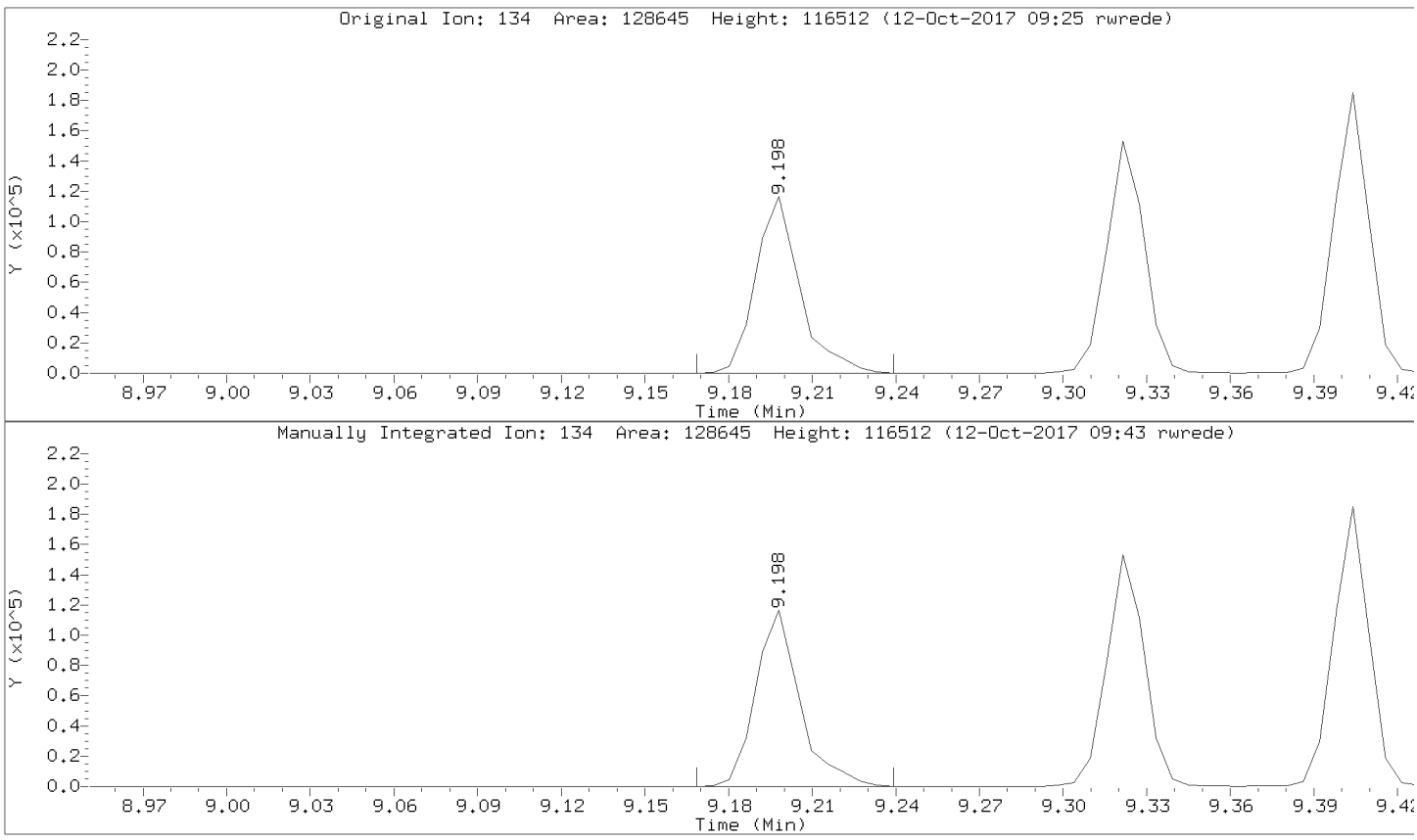
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8



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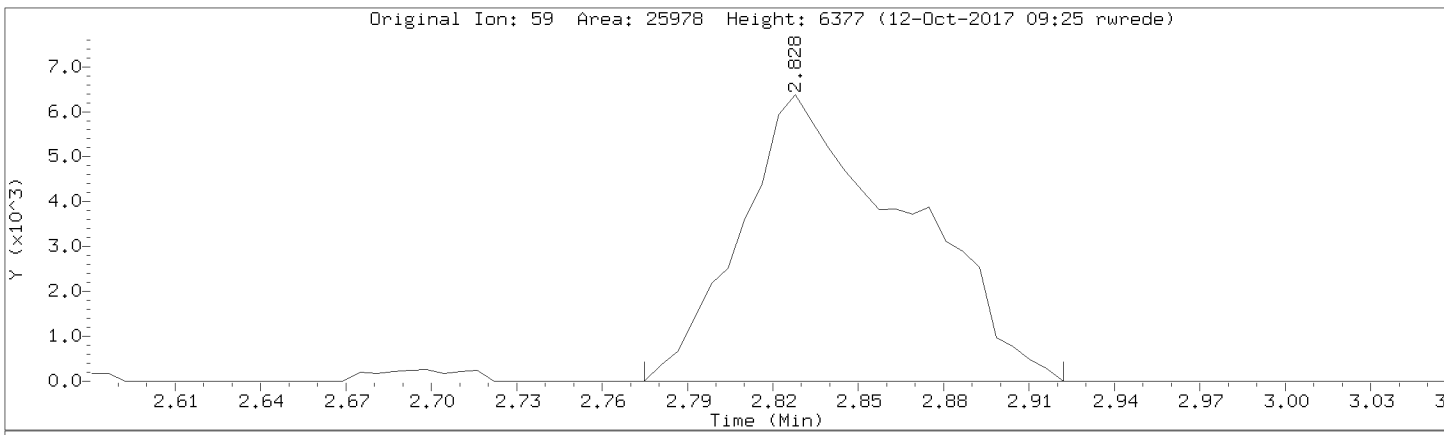
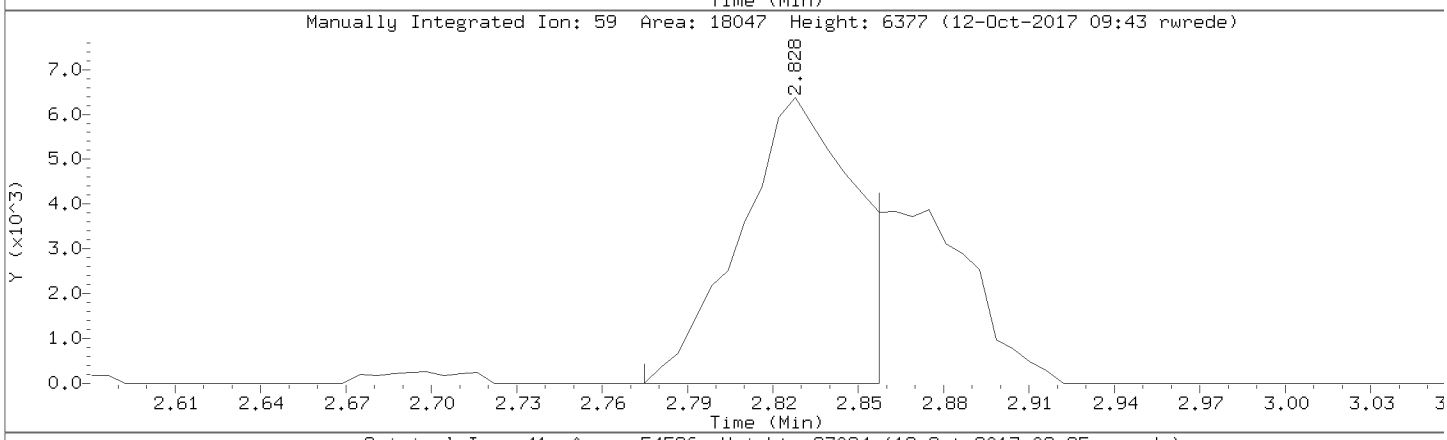
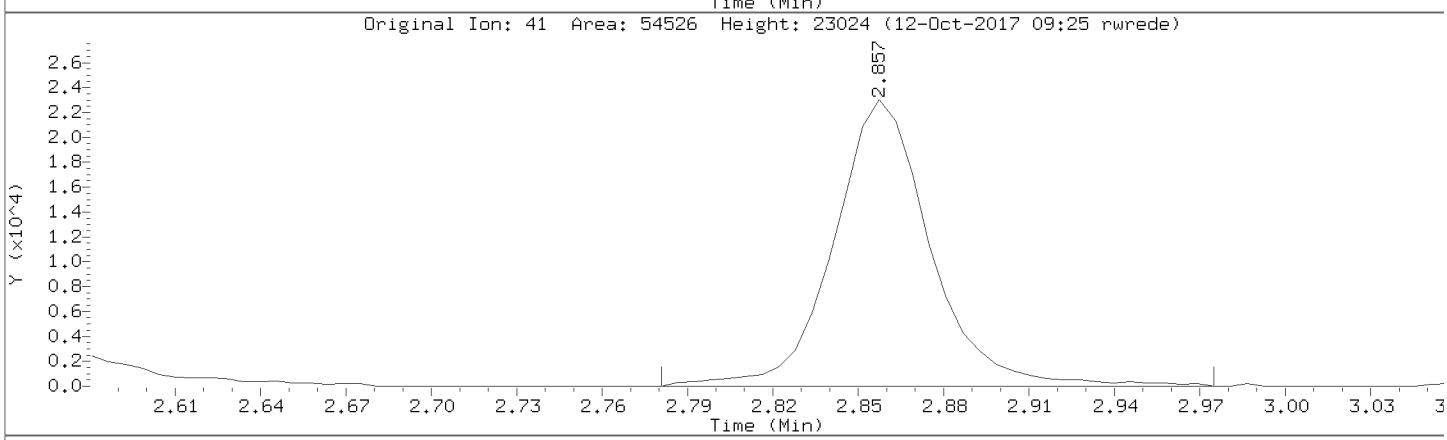
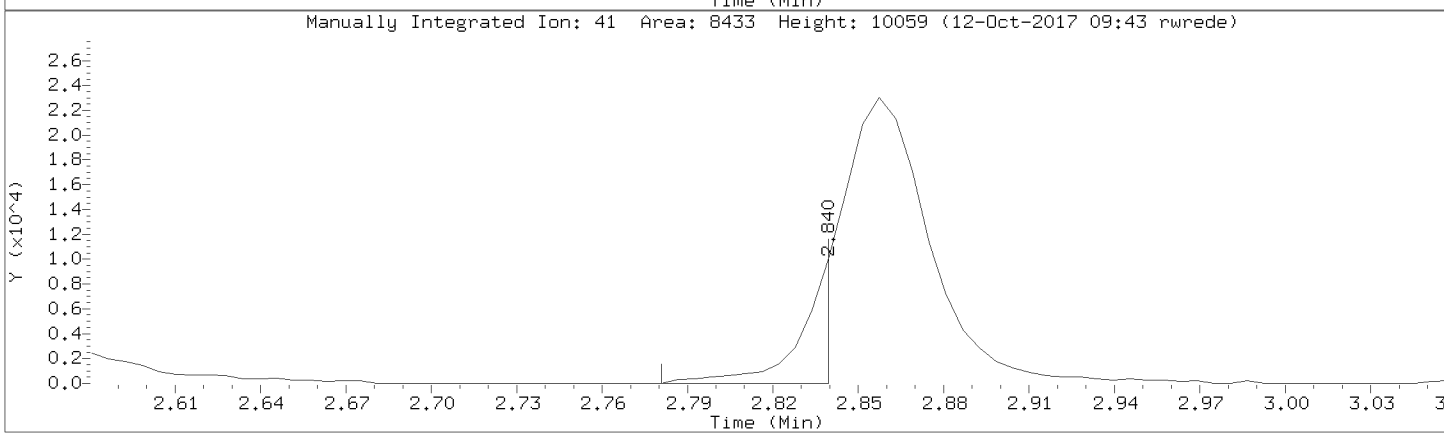
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8

Compound: tert-Butyl Alcohol Review Code: GT
CAS Number: 75-65-0









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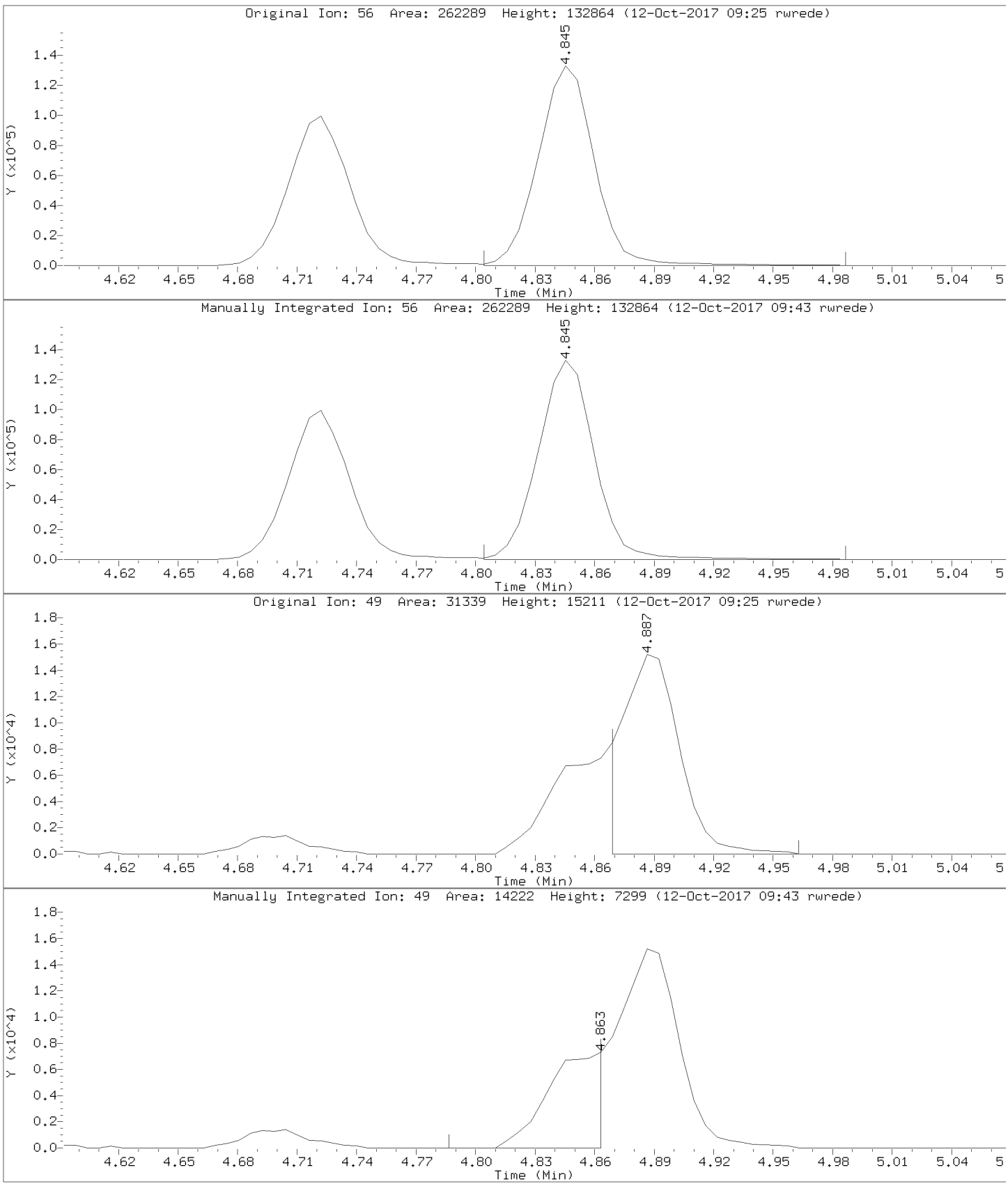
Injection Date: 11-OCT-2017 22:04
Instrument: 50mv4a.i
Lab Sample ID: 8260-CAL8

Compound: n-Butyl chloride Review Code: GT
CAS Number: 109-69-3



SAMPLE NO.

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

12165311CCV

Lab Name: Pace Analytical - Indiana Calibration Date: 10/18/2017 Time: 11:51

Instrument ID: 50MV4A GC Column: Col 1 Init. Calib. Date(s): 10/11/2017 10/11/2017

Lab File ID: A101817.B\A01CCV.D Init. Calib. Time(s): 18:00 22:04

SDG No.: 50181834

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Averaged	0.07319	0.06531	0.0100	-10.7692	20.0000
Benzene	Averaged	0.95290	0.99306	0.5000	4.2144	20.0000
Bromodichloromethane	Averaged	0.34093	0.36890	0.2000	8.2031	20.0000
Bromoform	Averaged	0.44565	0.49304	0.1000	10.6340	20.0000
Bromomethane	Linear	50	45.51669	0.1000	-8.9666	20.0000
2-Butanone (MEK)	Averaged	0.10168	0.10036	0.0100	-1.3024	20.0000
Carbon disulfide	Averaged	0.64587	0.65319	0.1000	1.1336	20.0000
Carbon tetrachloride	Averaged	0.38891	0.40451	0.1000	4.0136	20.0000
Chlorobenzene	Averaged	0.96124	1.01753	0.5000	5.8558	20.0000
Chloroethane	Linear	50	68.75106	0.1000	37.5021	20.0000
Chloroform	Averaged	0.46722	0.47919	0.2000	2.5617	20.0000
Chloromethane	Averaged	0.29686	0.28064	0.1000	-5.4648	20.0000
Cyclohexane	Averaged	0.37131	0.42391	0.1000	14.1669	20.0000
1,2-Dibromo-3-chloropropane	Linear	50	42.42219	0.0500	-15.1556	20.0000
Dibromochloromethane	Averaged	0.38102	0.42042	0.1000	10.3385	20.0000
1,2-Dibromoethane (EDB)	Averaged	0.30601	0.32835	0.1000	7.3001	20.0000
1,2-Dichlorobenzene	Averaged	1.37253	1.41978	0.4000	3.4425	20.0000
1,3-Dichlorobenzene	Averaged	1.37286	1.57494	0.6000	14.7199	20.0000
1,4-Dichlorobenzene	Averaged	1.45594	1.58386	0.5000	8.7858	20.0000
Dichlorodifluoromethane	Averaged	0.31260	0.21788	0.1000	-30.2995	20.0000
1,1-Dichloroethane	Averaged	0.43532	0.47115	0.2000	8.2309	20.0000
1,2-Dichloroethane	Averaged	0.38605	0.39354	0.1000	1.9407	20.0000
1,1-Dichloroethene	Averaged	0.22438	0.21531	0.1000	-4.0454	20.0000
cis-1,2-Dichloroethene	Averaged	0.28294	0.29806	0.1000	5.3415	20.0000
trans-1,2-Dichloroethene	Averaged	0.23334	0.24973	0.1000	7.0234	20.0000
1,2-Dichloropropane	Averaged	0.25255	0.28642	0.1000	13.4104	20.0000
cis-1,3-Dichloropropene	Averaged	0.45252	0.52015	0.2000	14.9454	20.0000
trans-1,3-Dichloropropene	Averaged	0.40481	0.46129	0.1000	13.9511	20.0000
Ethylbenzene	Averaged	0.46945	0.52853	0.1000	12.5850	20.0000
2-Hexanone	Averaged	0.17939	0.19448	0.0500	8.4175	20.0000
Isopropylbenzene (Cumene)	Averaged	1.53445	1.73005	0.1000	12.7469	20.0000
Methyl acetate	Linear	50	36.01729	0.1000	-27.9654	20.0000
Methylcyclohexane	Averaged	0.33542	0.36220	0.1000	7.9837	20.0000
Methylene Chloride	Averaged	0.25944	0.24620	0.1000	-5.1032	20.0000
4-Methyl-2-pentanone (MIBK)	Averaged	0.26179	0.27389	0.1000	4.6224	20.0000
Methyl-tert-butyl ether	Averaged	0.44047	0.38090	0.1000	-13.5247	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

SAMPLE NO.

MSV - FORM VII VOA-2
MSV CONTINUING CALIBRATION DATA

12165311CCV

Lab Name: Pace Analytical - Indiana Calibration Date: 10/18/2017 Time: 11:51

Instrument ID: 50MV4A GC Column: Col 1 Init. Calib. Date(s): 10/11/2017 10/11/2017

Lab File ID: A101817.B\A01CCV.D Init. Calib. Time(s): 18:00 22:04

SDG No.: 50181834

COMPOUND	CURVE	$\overline{\text{RRF}}$ or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Styrene	Averaged	0.95154	1.10393	0.3000	16.0150	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.74185	0.78091	0.3000	5.2646	20.0000
Tetrachloroethene	Averaged	0.38627	0.40642	0.2000	5.2155	20.0000
Toluene	Averaged	1.30252	1.43005	0.4000	9.7913	20.0000
1,2,4-Trichlorobenzene	Linear	50	46.24440	0.2000	-7.5112	20.0000
1,1,1-Trichloroethane	Averaged	0.39206	0.42104	0.1000	7.3906	20.0000
1,1,2-Trichloroethane	Averaged	0.23077	0.25974	0.1000	12.5506	20.0000
Trichloroethene	Averaged	0.27201	0.28304	0.2000	4.0557	20.0000
Trichlorofluoromethane	Averaged	0.41152	0.38210	0.1000	-7.1477	20.0000
1,1,2-Trichlorotrifluoroethane	Averaged	0.25602	0.26397	0.1000	3.1050	20.0000
Vinyl chloride	Averaged	0.31222	0.29271	0.1000	-6.2477	20.0000
m&p-Xylene	Averaged	0.59635	0.66684	0.1000	11.8198	20.0000
o-Xylene	Averaged	0.59718	0.63247	0.3000	5.9103	20.0000
4-Bromofluorobenzene (S)	Averaged	0.49845	0.50323	0.1000	0.9583	20.0000
Dibromofluoromethane (S)	Averaged	0.29660	0.29258	0.1000	-1.3550	20.0000
Toluene-d8 (S)	Averaged	1.27062	1.30540	0.1000	2.7371	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d
Lab Smp Id: 8260-ICV Client Smp ID: 8260-ICV
Inj Date : 11-OCT-2017 23:13
Operator : rsw Inst ID: 50mv4a.i
Smp Info : 8260-icv,160368:0
Misc Info : 107512
Comment   :
Method   : \\192.168.50.6\chem\50mv4a.i\a101117cal.b\-a8260_a_c.m
Meth Date : 12-Oct-2017 11:21 rwrede Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 21 QC Sample: ICV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A
Processing Host: 50-VOA-RSW1

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	27484	50.3515	50.4	
3 Chloromethane	50	1.251	1.251	(0.230)	28668	55.3048	55.3(M)	LT
4 Vinyl Chloride	62	1.286	1.286	(0.236)	32640	59.8709	59.9	
5 Bromomethane	94	1.498	1.498	(0.275)	12767	65.9143	65.9(M)	LT
6 Chloroethane	64	1.569	1.563	(0.288)	17520	89.5115	89.5(R)	
8 Trichlorofluoromethane	101	1.739	1.739	(0.319)	39115	54.4348	54.4	
9 Diethyl ether	74	1.963	1.968	(0.361)	11416	59.2990	59.3	
10 1,2-dichlorotrifluoroethane	67	1.980	1.986	(0.364)	26786	58.8358	58.8	
11 Acrolein	56	2.080	2.086	(0.382)	109346	1295.97	1300	
12 1,1,2trichlorotrifluoroethane	101	2.127	2.133	(0.391)	23469	52.4986	52.5	
13 1,1-Dichloroethene	96	2.133	2.133	(0.392)	20529	52.3959	52.4	
14 Acetone	43	2.216	2.221	(0.407)	44991	352.019	352	
15 Iodomethane	142	2.263	2.263	(0.416)	49428	106.760	107	
16 Carbon Disulfide	76	2.304	2.310	(0.423)	64694	57.3641	57.4	
17 Acetonitrile	39	2.451	2.457	(0.450)	35384	54.1610	54.2	
18 allyl chloride	41	2.451	2.457	(0.450)	49707	107.910	108	
19 Methyl Acetate	43	2.492	2.498	(0.458)	79710	179.245	179(R)	
20 Methylene Chloride	84	2.580	2.580	(0.474)	22603	49.8935	49.9	
21 tert-Butyl Alcohol	59	2.745	2.833	(0.504)	2678	89.3873	89.4(QH)	
23 1,2-Dichloroethene (trans)	96	2.833	2.833	(0.520)	23279	57.1336	57.1	
24 Methyl-tert-butyl ether	73	2.845	2.845	(0.523)	41345	53.7557	53.8	
22 Acrylonitrile	53	2.863	2.868	(0.526)	34992	211.599	212	

			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppb)	(ppb)	REVIEW C
	25	n-Hexane	57	3.110	3.115	(0.571)	32436	53.6510	53.6	
	26	1,1-Dichloroethane	63	3.315	3.321	(0.609)	45411	59.7409	59.7	
	28	chloroprene	53	3.415	3.421	(0.627)	37701	57.5882	57.6	
	27	Vinyl Acetate	43	3.421	3.427	(0.628)	183320	214.140	214	
	7	isopropyl acetate	61	5.309	5.309	(0.975)	24099	134.947	135	
	29	2,2-Dichloropropane	77	4.074	4.080	(0.748)	26389	55.3874	55.4	
	30	1,2-Dichloroethene (cis)	96	4.104	4.109	(0.754)	26657	53.9550	54.0	
	31	2-Butanone	43	4.180	4.192	(0.768)	59267	333.812	334(R)	
	32	Propionitrile	54	4.292	4.298	(0.788)	3736	45.7522	45.8(QM)	LT
	33	Bromochloromethane	49	4.410	4.415	(0.810)	17466	51.5643	51.6	
	34	Methacrylonitrile	41	4.451	4.457	(0.817)	59245	177.436	177	
	35	Tetrahydrofuran	42	4.468	4.480	(0.821)	8003	59.2735	59.3	
	36	Chloroform	83	4.533	4.539	(0.833)	46062	56.4598	56.4	
	37	1,1,1-Trichloroethane	97	4.692	4.698	(0.862)	39571	57.8018	57.8	
$	38	Dibromofluoromethane (S)	113	4.721	4.733	(0.867)	26014	50.2288	50.2	
	39	Cyclohexane	56	4.721	4.727	(0.867)	42132	64.9824	65.0	
	40	n-Butyl chloride	56	4.845	4.845	(0.890)	48741	59.6407	59.6	
	41	Carbon Tetrachloride	117	4.868	4.874	(0.894)	38625	56.8782	56.9	
	42	1,1-Dichloropropene	75	4.886	4.892	(0.897)	33806	59.0357	59.0	
	43	Benzene	78	5.127	5.127	(0.942)	97462	58.5745	58.6	
	44	1,2-Dichloroethane	62	5.180	5.192	(0.951)	34170	50.6898	50.7	
	45	2,2,4-Trimethylpentane	57	5.209	5.215	(0.957)	66055	58.1787	58.2	
*	47	Fluorobenzene	96	5.445	5.451	(1.000)	87307	50.0000		
	48	Trichloroethene	95	5.821	5.821	(1.069)	26836	56.5002	56.5	
	49	Methylcyclohexane	55	5.974	5.980	(1.097)	32559	55.5907	55.6	
	50	1,2-Dichloropropane	63	6.062	6.062	(1.113)	26105	59.1957	59.2	
	51	Dibromomethane	93	6.174	6.180	(1.134)	15166	51.6909	51.7	
	52	1,4-Dioxane	88	6.221	6.233	(1.143)	5991	1061.64	1060	
	53	Methyl methacrylate	69	6.227	6.227	(1.144)	16494	55.3648	55.4	
	54	Bromodichloromethane	83	6.351	6.351	(1.166)	34367	57.7291	57.7	
	55	2-Chloroethyl vinyl ether	63	6.662	6.668	(0.829)	3182	32.2120	32.2(R)	
	56	cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	38239	58.1210	58.1	
	57	4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	106669	280.252	280	
$	58	Toluene-d8	98	6.992	6.998	(0.870)	92763	50.2141	50.2	
	59	Toluene	91	7.051	7.050	(0.877)	108818	57.4623	57.5	
	60	trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	32954	55.9916	56.0	
	61	Ethyl Methacrylate	69	7.345	7.345	(0.914)	123579	224.657	225	
	62	1,1,2-Trichloroethane	83	7.398	7.397	(0.920)	18121	54.0084	54.0	
	63	Tetrachloroethene	166	7.462	7.462	(0.928)	29881	53.2070	53.2	
	64	1,3-Dichloropropane	76	7.515	7.515	(0.935)	34375	52.6004	52.6	
	65	2-Hexanone	43	7.592	7.592	(0.944)	81102	310.964	311	
	66	Dibromochloromethane	129	7.668	7.668	(0.954)	30281	54.6617	54.7	
	67	1,2-Dibromoethane	107	7.739	7.739	(0.963)	23873	53.6579	53.6	
*	68	Chlorobenzene-d5	117	8.039	8.039	(1.000)	72695	50.0000		
	69	Chlorobenzene	112	8.056	8.056	(1.002)	75554	54.0617	54.1	
	2	n-amyl acetate	70	8.580	8.580	(1.576)	13236	46.7519	46.8	
	70	1,1,1,2-Tetrachloroethane	131	8.115	8.121	(1.010)	28759	54.8020	54.8	
	71	Ethylbenzene	106	8.127	8.127	(1.011)	41286	60.4894	60.5	
	72	m&p-Xylene	106	8.203	8.203	(1.020)	101004	116.494	116	
	73	o-Xylene	106	8.450	8.450	(1.051)	49344	56.8322	56.8	
	74	Styrene	104	8.462	8.462	(1.053)	83028	60.0153	60.0	
	75	Bromoform	173	8.580	8.580	(0.909)	18379	51.2957	51.3	
	76	Isopropylbenzene	105	8.668	8.668	(1.078)	131109	58.7684	58.8	
$	77	4-Bromofluorobenzene	95	8.768	8.762	(1.091)	37096	51.1882	51.2	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	Bromobenzene	77	8.850	8.850	(1.101)	43499	55.3415	55.3	
79	1,1,2,2-Tetrachloroethane	83	8.868	8.862	(0.940)	30642	51.3755	51.4	
80	1,2,3-Trichloropropane	110	8.892	8.886	(0.942)	9028	49.7081	49.7(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.897	8.897	(1.107)	28247	190.056	190(Q)	
82	n-Propylbenzene	91	8.915	8.909	(0.945)	151863	59.7417	59.7	
83	2-Chlorotoluene	91	8.968	8.962	(0.950)	86264	56.5512	56.6	
84	1,3,5-Trimethylbenzene	105	9.015	9.009	(0.955)	107064	59.1994	59.2	
85	4-Chlorotoluene	126	9.033	9.027	(0.957)	34341	56.3630	56.4	
86	tert-Butylbenzene	119	9.203	9.203	(0.975)	106253	51.9559	52.0(M)	LT
87	1,2,4-Trimethylbenzene	105	9.233	9.227	(0.978)	108258	57.9057	57.9	
88	sec-Butylbenzene	105	9.333	9.327	(0.989)	124318	58.4940	58.5	
89	1,3-Dichlorobenzene	146	9.403	9.397	(0.996)	61144	55.3966	55.4	
90	p-Isopropyltoluene	119	9.415	9.409	(0.998)	107413	57.0602	57.1	
* 91	1,4-Dichlorobenzene-d4	152	9.439	9.433	(1.000)	40199	50.0000	(Q)	
92	1,4-Dichlorobenzene	146	9.456	9.450	(1.002)	63548	54.2890	54.3	
93	n-Butylbenzene	91	9.650	9.644	(1.022)	85710	58.8319	58.8	
94	1,2-Dichlorobenzene	146	9.674	9.668	(1.025)	58848	53.3293	53.3	
95	1,2-Dibromo-3-chloropropane	155	10.139	10.133	(1.074)	6136	47.9006	47.9	
96	1,2,4-Trichlorobenzene	180	10.621	10.609	(1.125)	29420	48.0882	48.1	
97	Hexachlorobutadiene	225	10.709	10.703	(1.135)	13015	54.4903	54.5	
98	Naphthalene	128	10.780	10.768	(1.142)	78812	41.7830	41.8	
99	1,2,3-Trichlorobenzene	180	10.921	10.915	(1.157)	26488	53.8398	53.8	
100	2,methyl-naphthalene	142	11.486	11.474	(1.217)	20177	41.0644	41.1	
101	1-Methylnaphthalene	142	11.609	11.597	(2.132)	19840	41.9013	41.9	

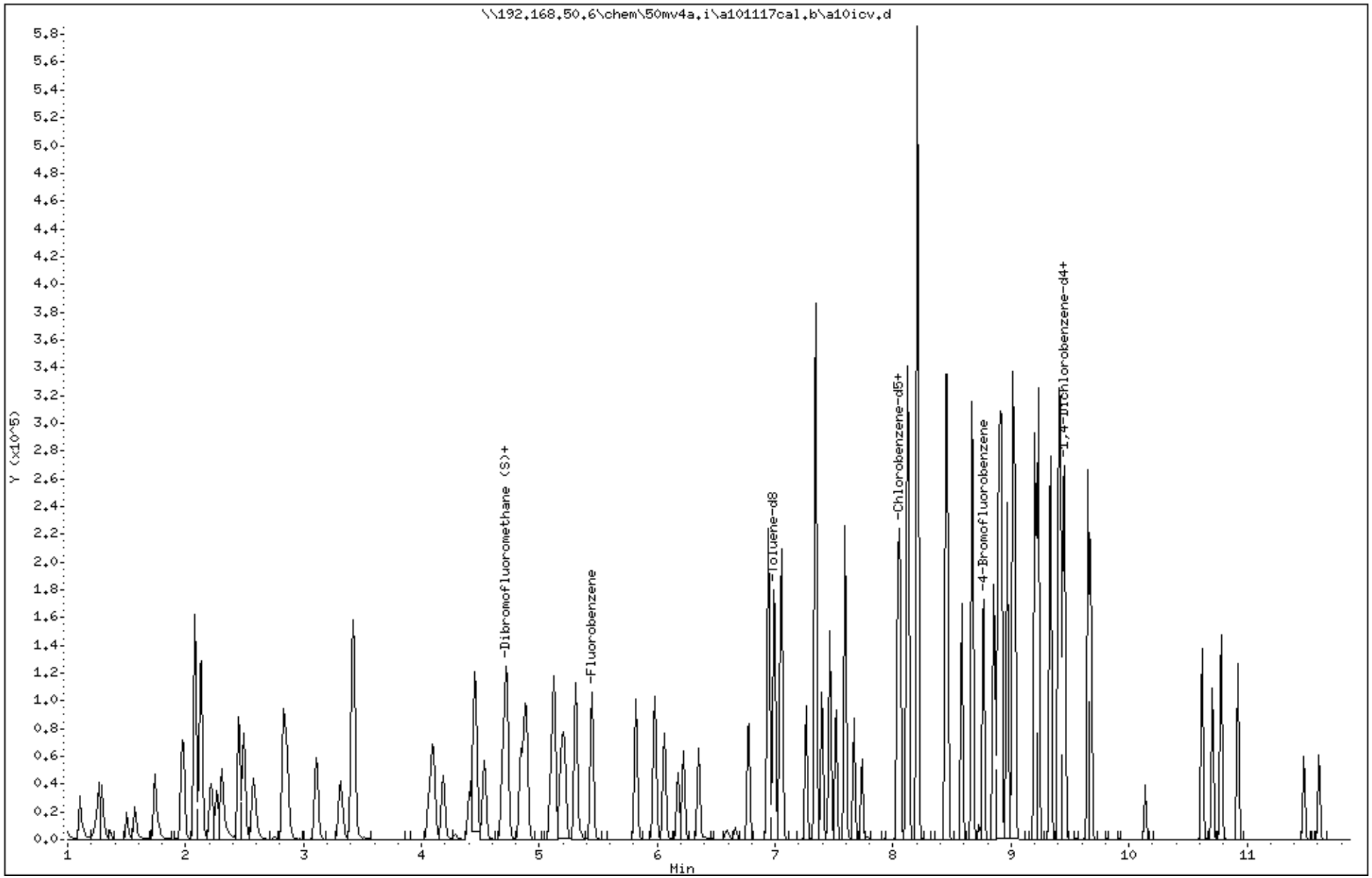
QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Review Codes Legend

:
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d
Date : 11-OCT-2017 23:13
Client ID: 8260-ICV
Instrument: 50mv4a.i
Sample Info: 8260-ICV,160368:0
Purge Volume: 5.0
Operator: rsw
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

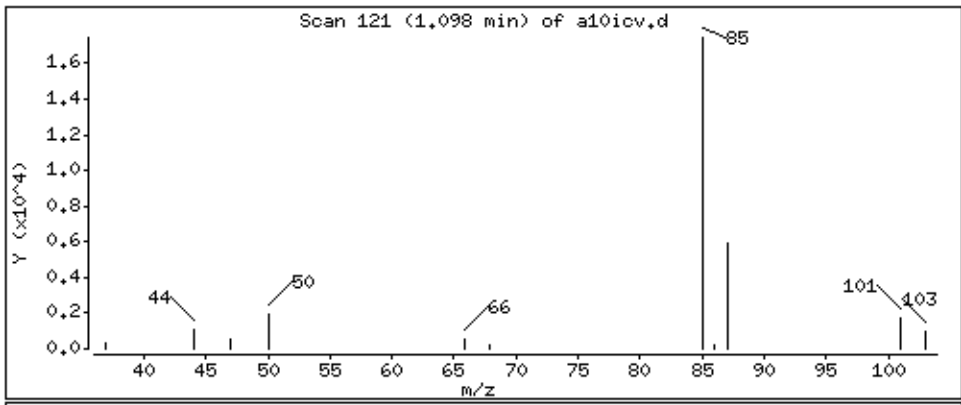
Operator: rsw

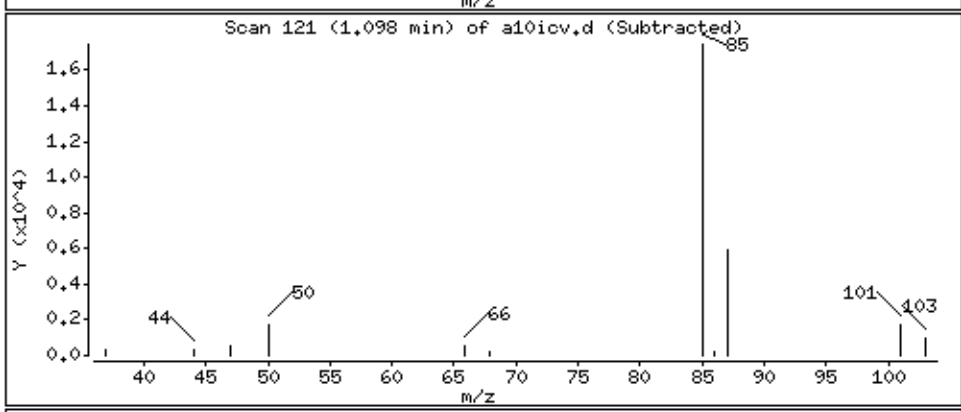
Column phase: DB-624

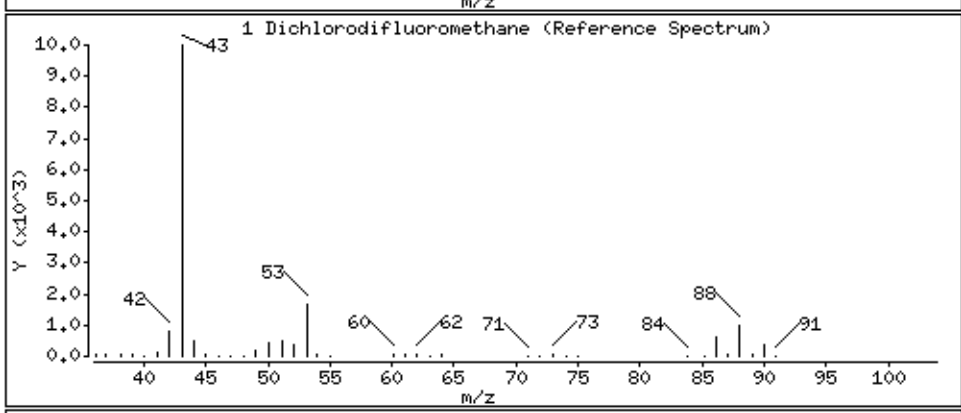
Column diameter: 0.18

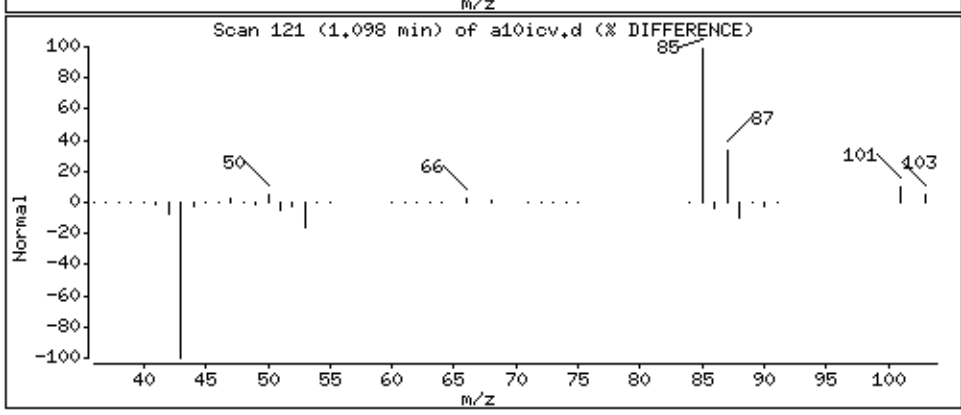
1 Dichlorodifluoromethane

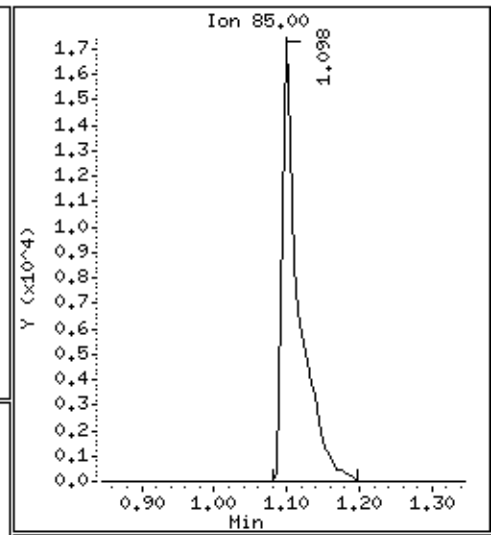
Concentration: 50.4 ppb

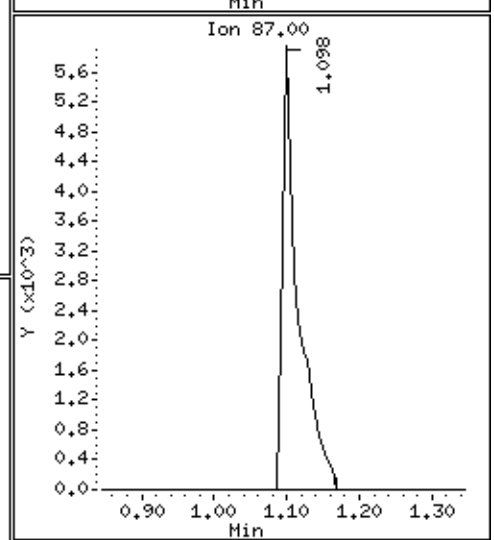


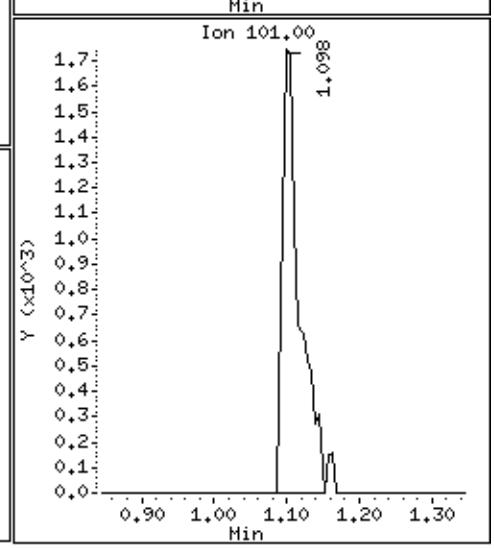












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

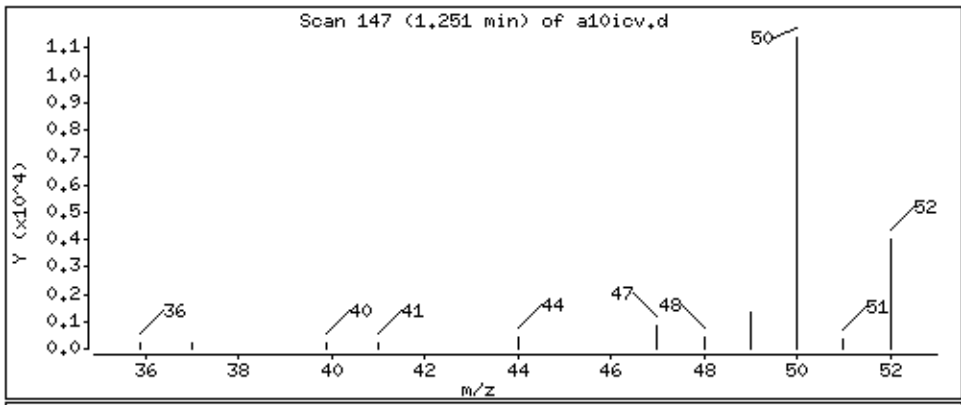
Operator: rsw

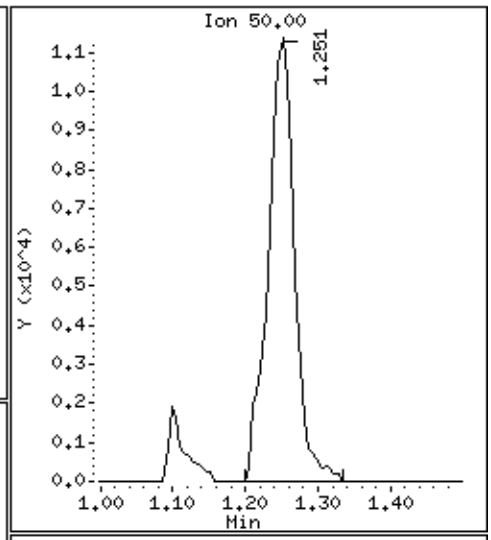
Column phase: DB-624

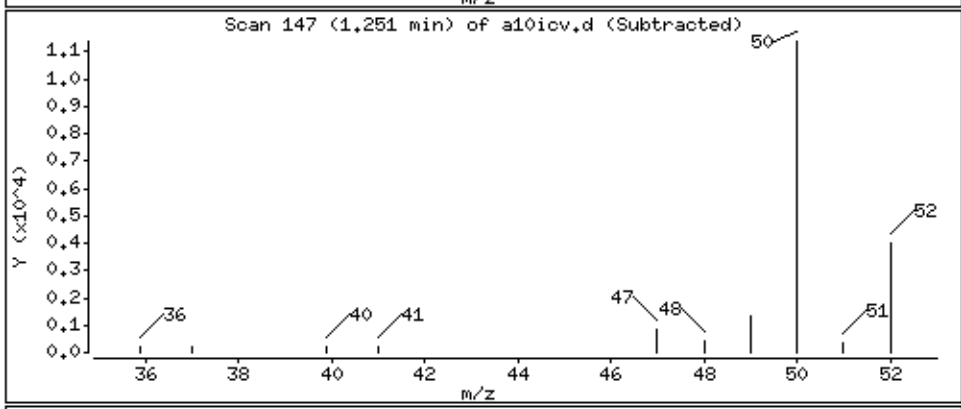
Column diameter: 0.18

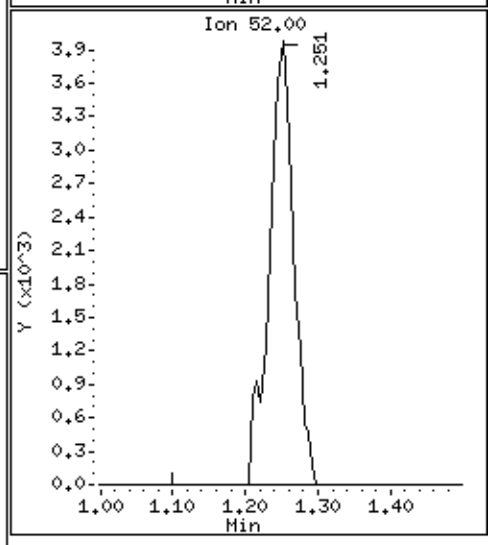
3 Chloromethane

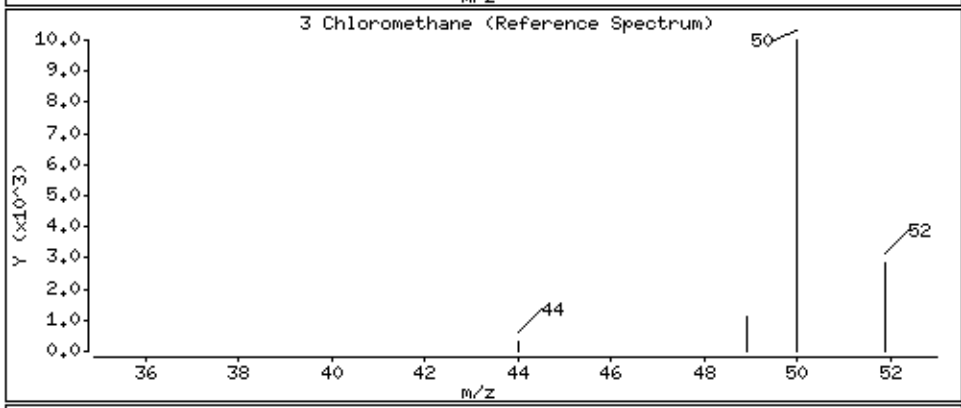
Concentration: 55.3 ppb

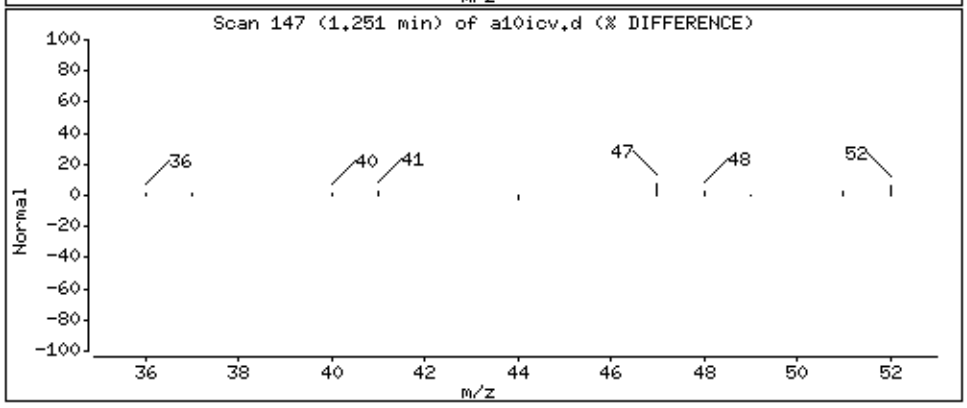












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

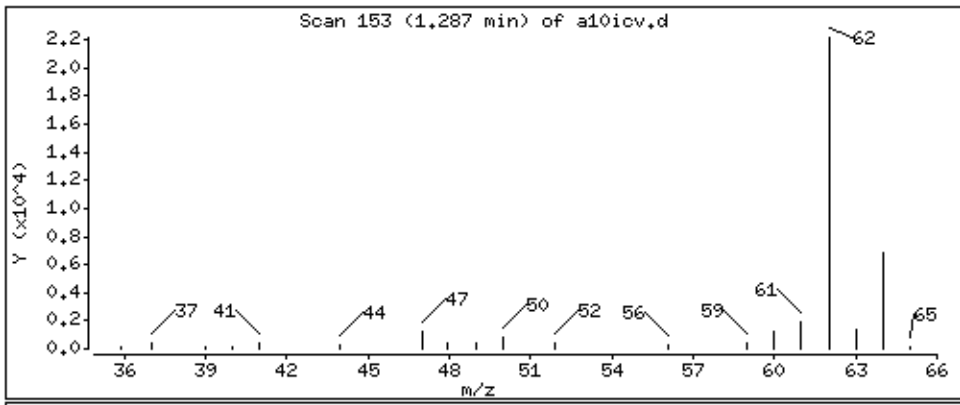
Operator: rsw

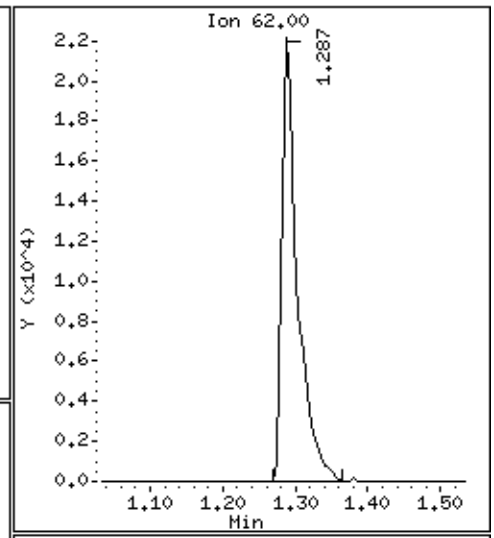
Column phase: DB-624

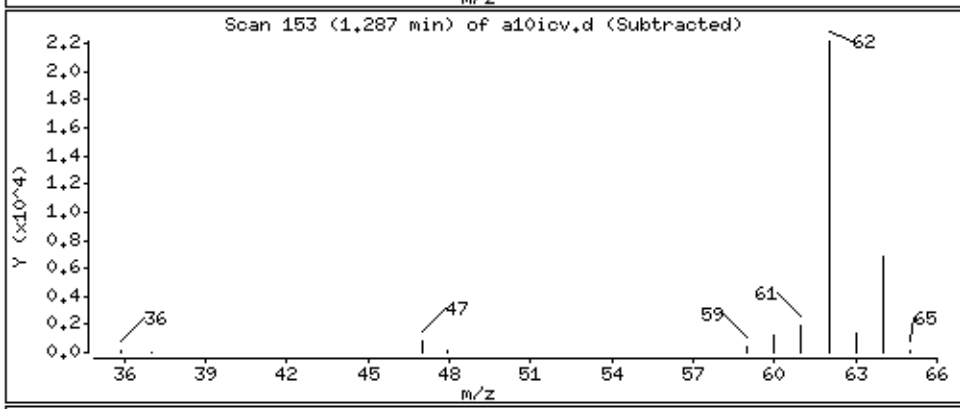
Column diameter: 0.18

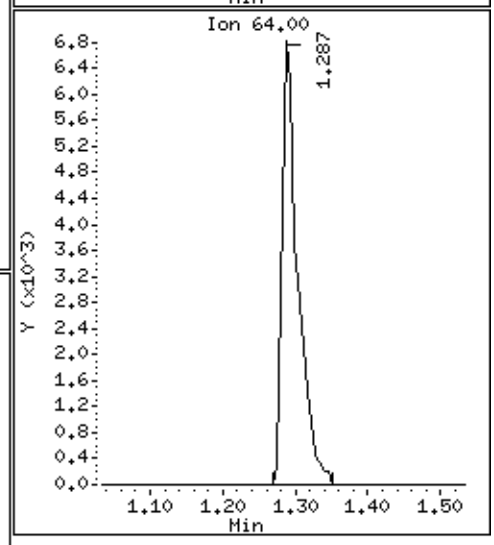
4 Vinyl Chloride

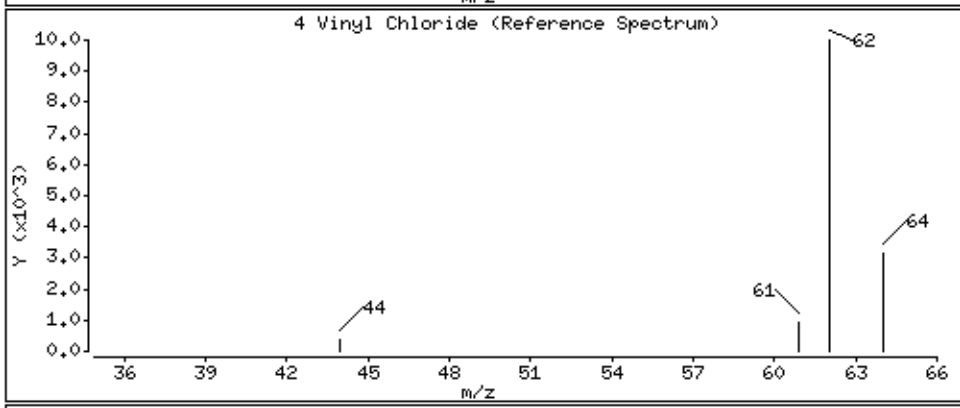
Concentration: 59.9 ppb

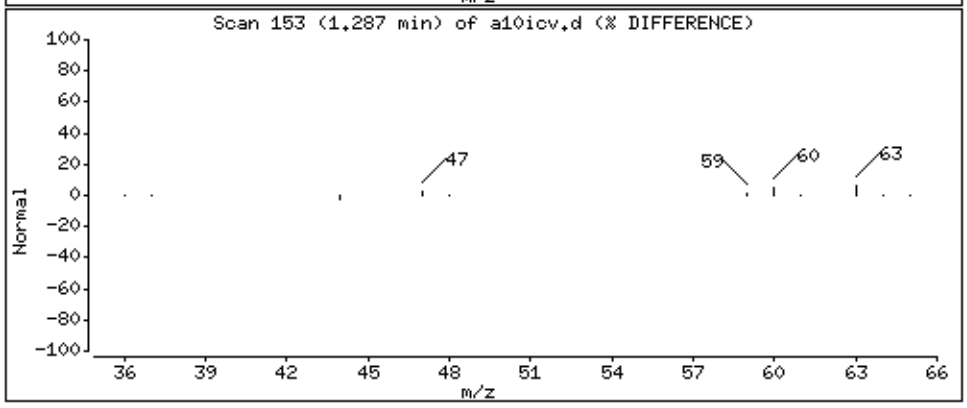












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

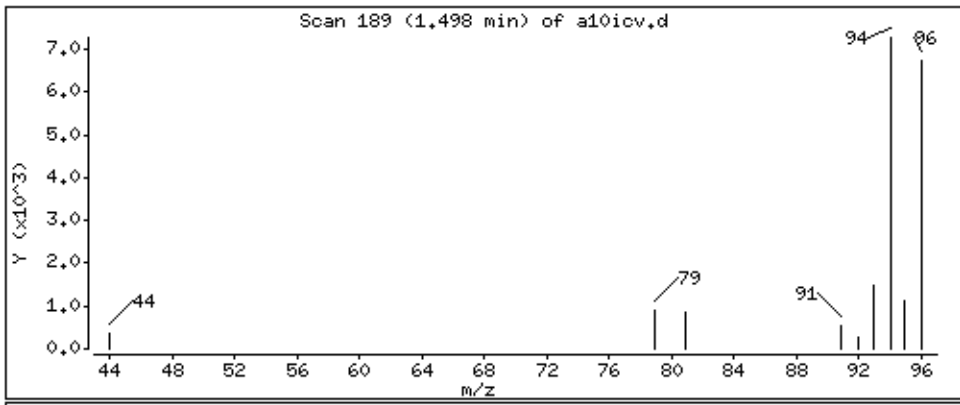
Operator: rsw

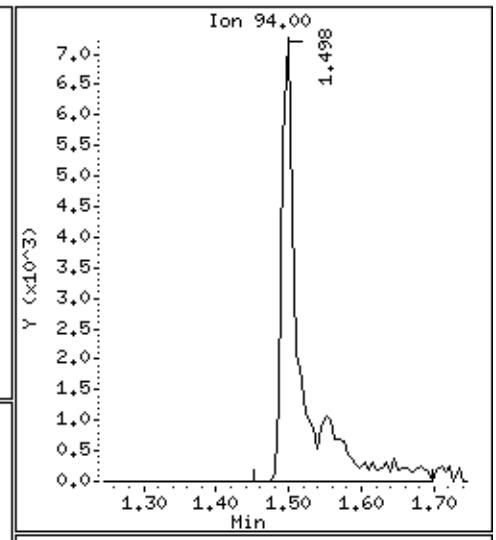
Column phase: DB-624

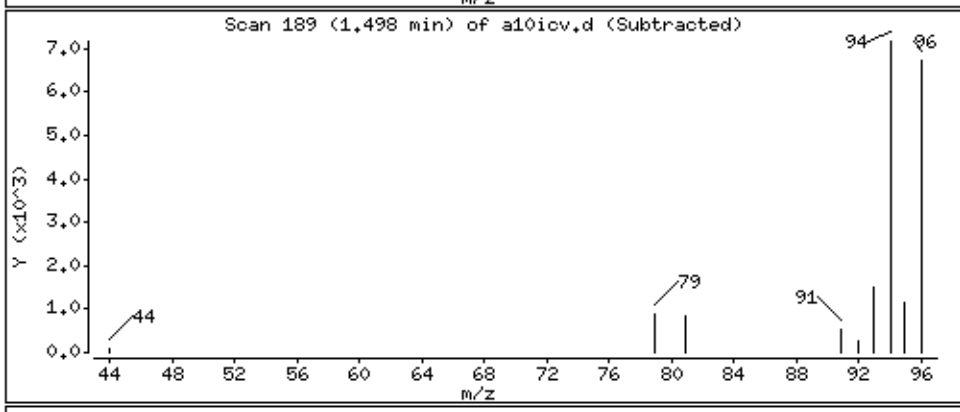
Column diameter: 0.18

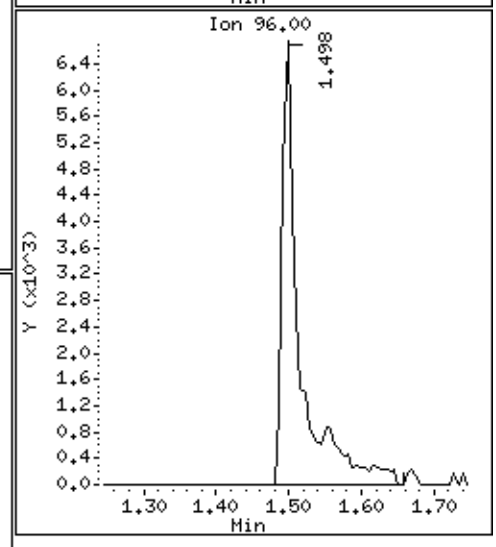
5 Bromomethane

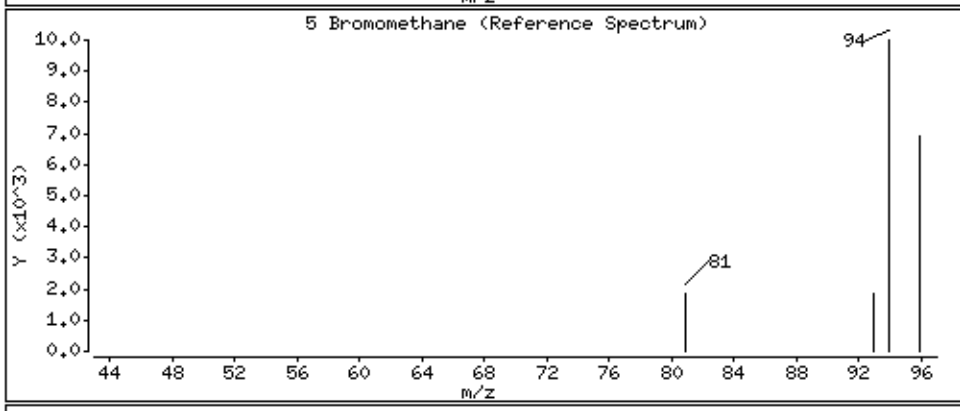
Concentration: 65.9 ppb

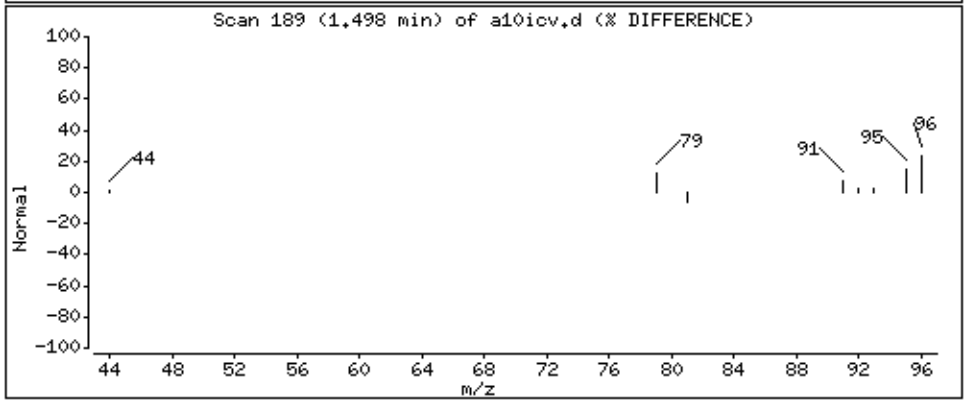












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

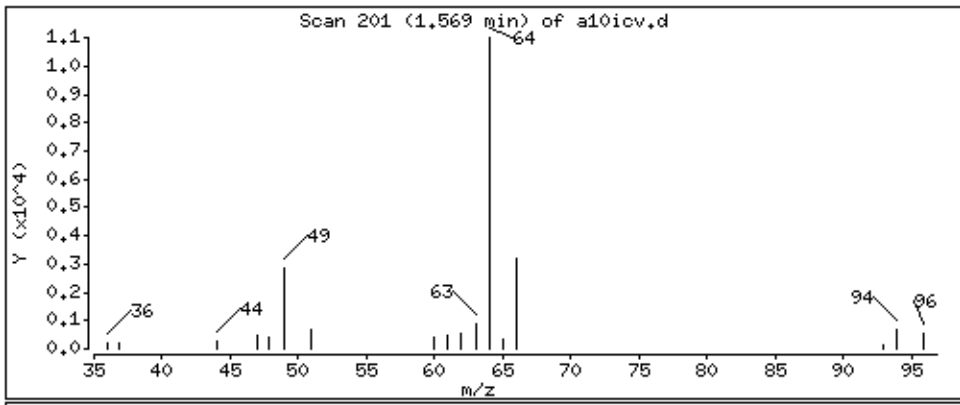
Operator: rsw

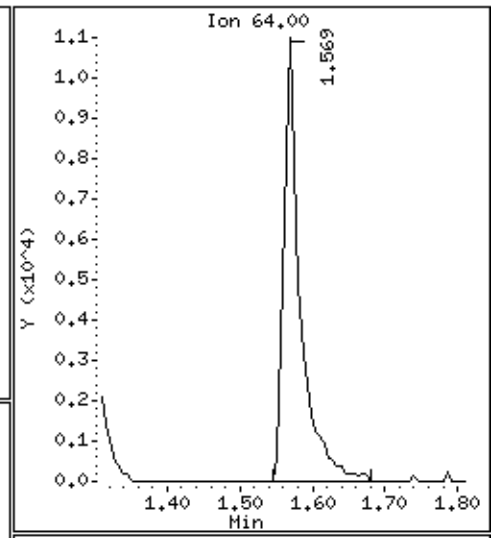
Column phase: DB-624

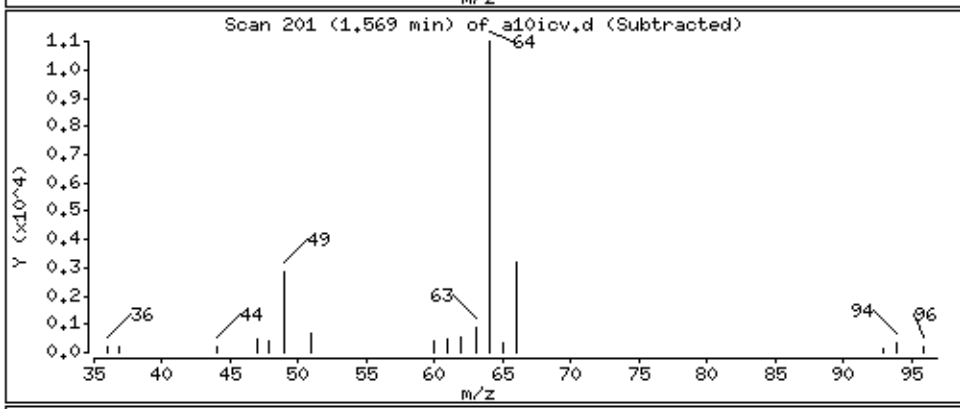
Column diameter: 0.18

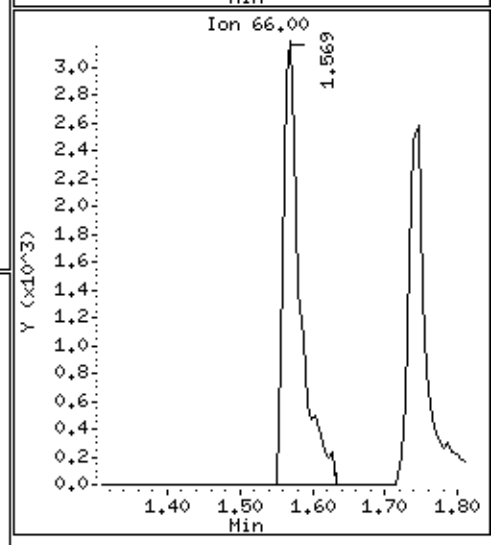
6 Chloroethane

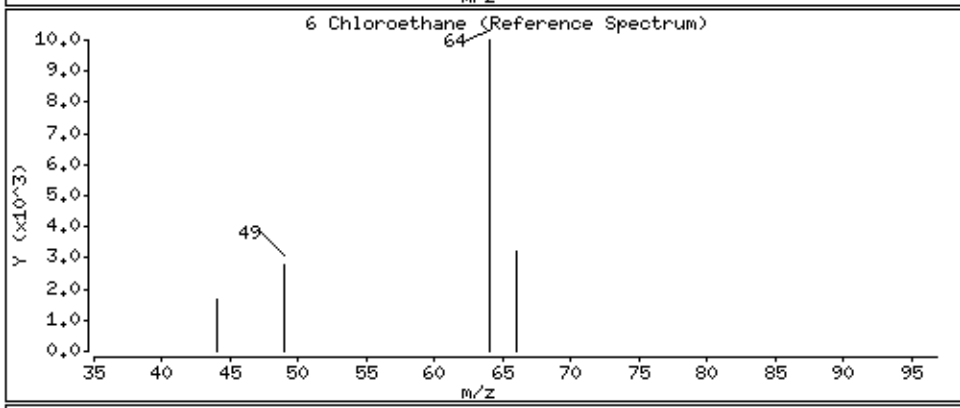
Concentration: 89.5 ppb

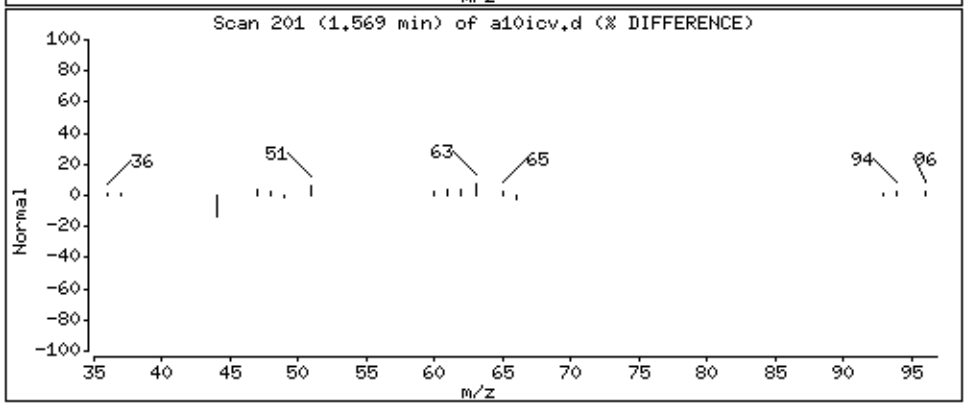












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

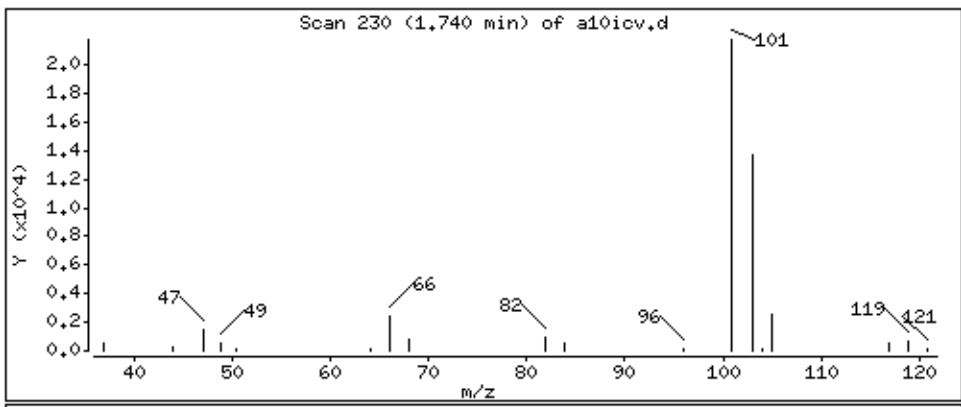
Operator: rsw

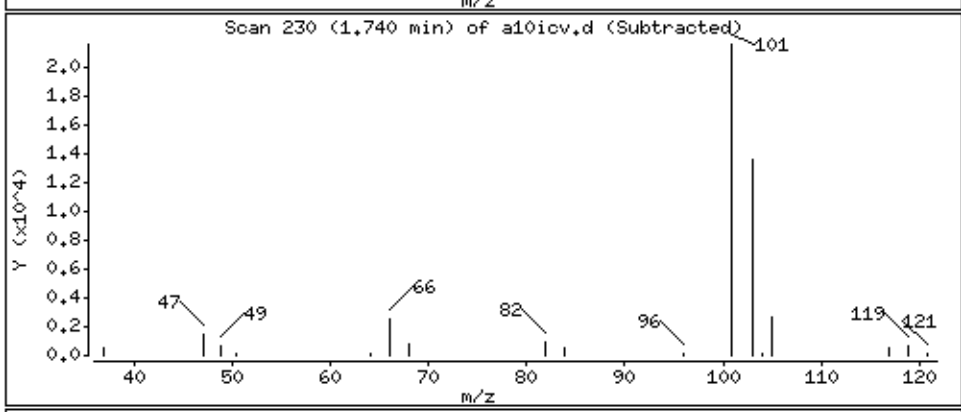
Column phase: DB-624

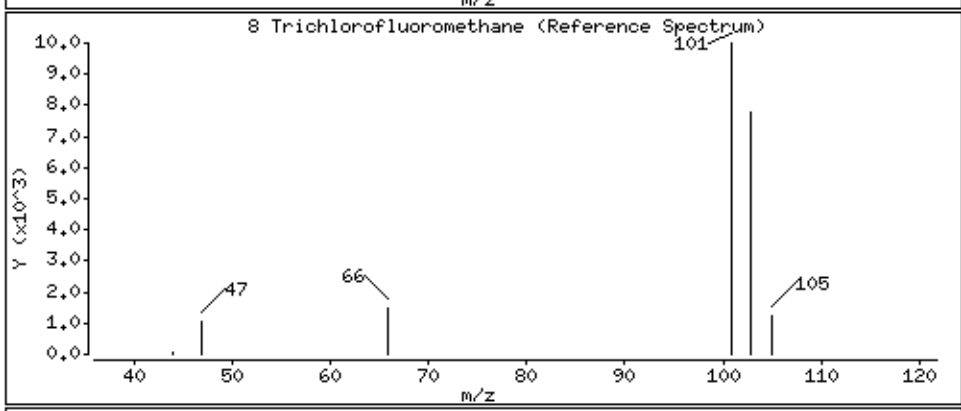
Column diameter: 0.18

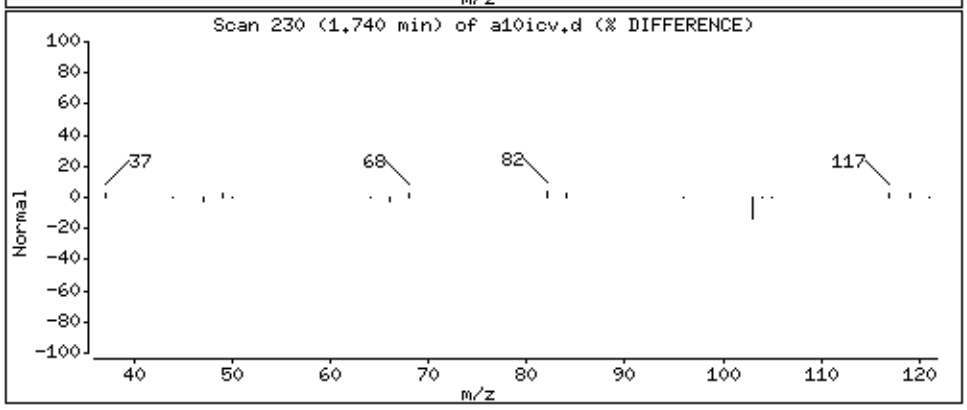
8 Trichlorofluoromethane

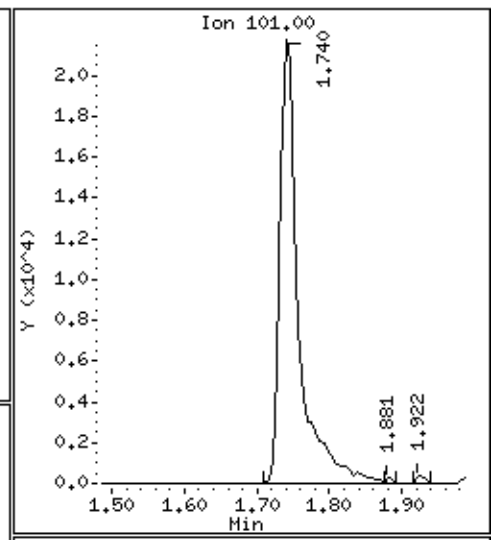
Concentration: 54.4 ppb

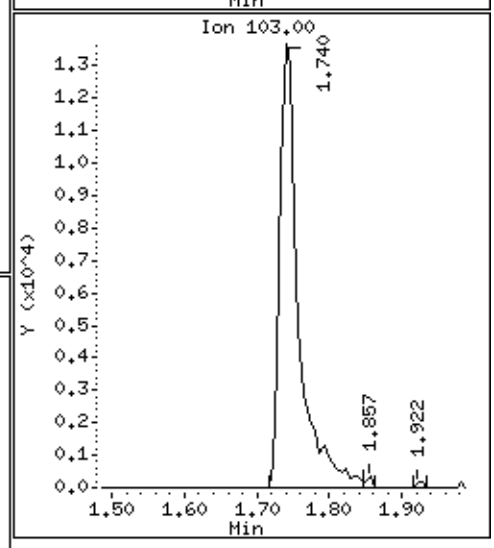












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

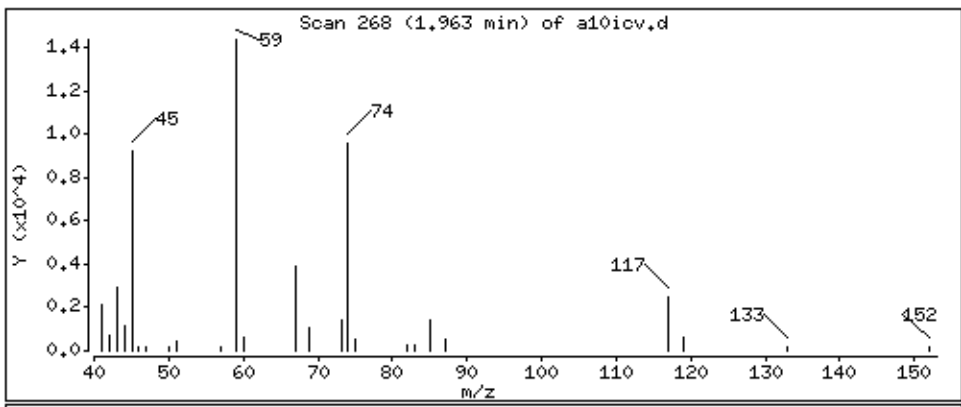
Operator: rsw

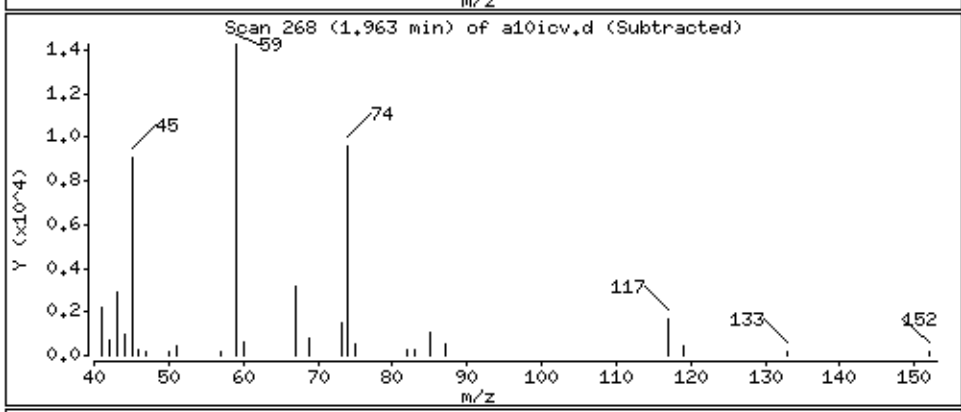
Column phase: DB-624

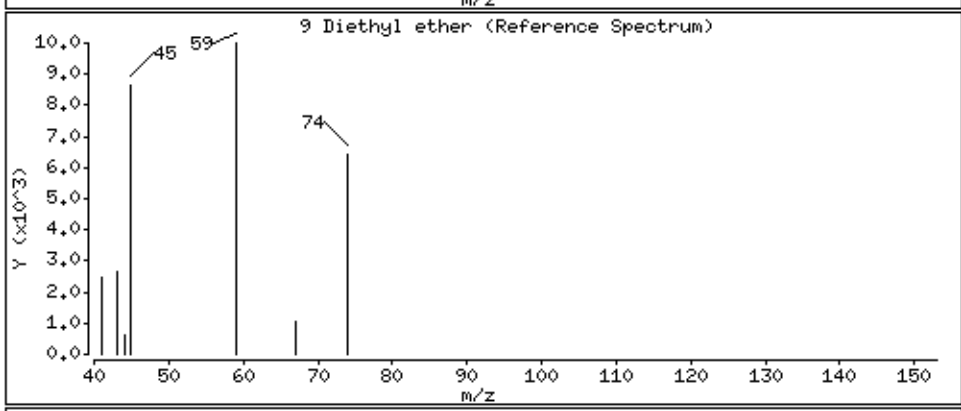
Column diameter: 0.18

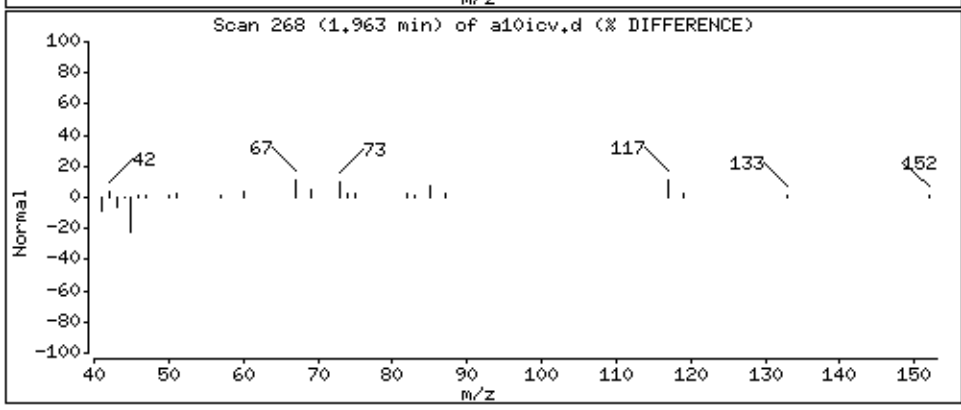
9 Diethyl ether

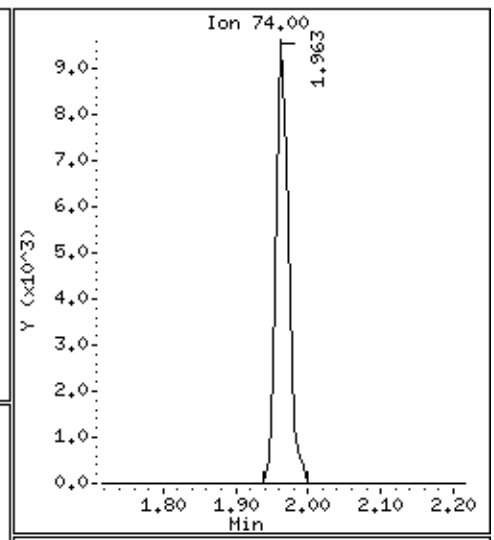
Concentration: 59.3 ppb

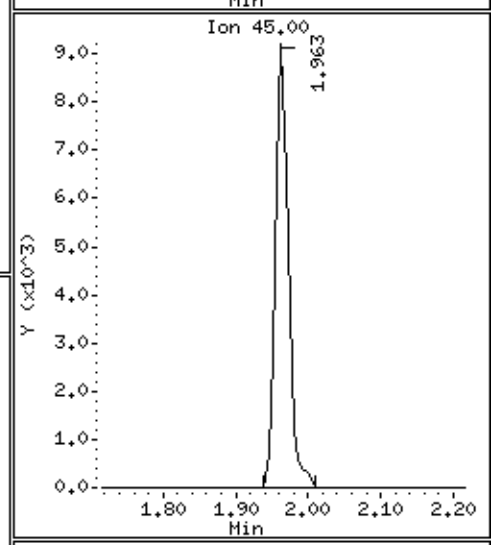


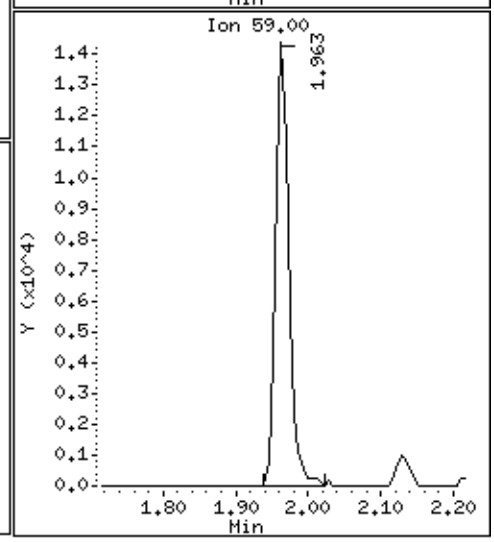












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

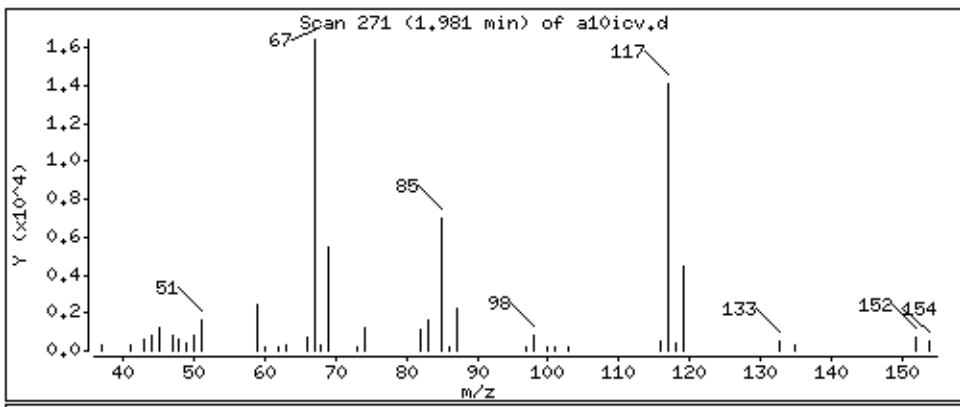
Operator: rsw

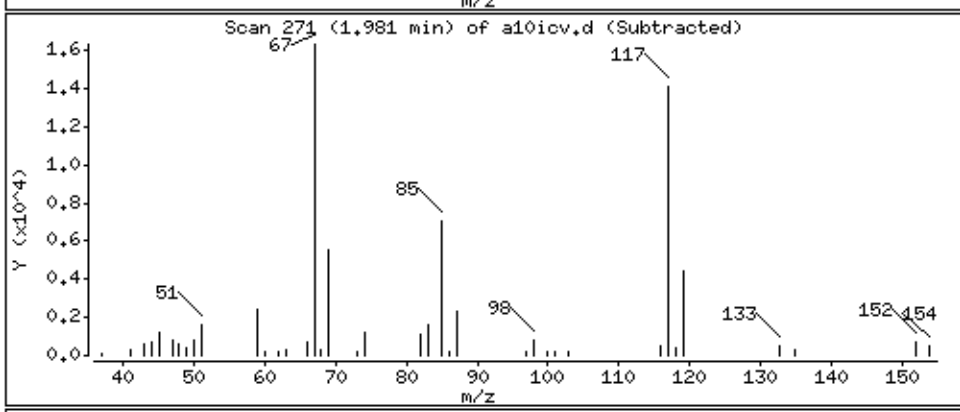
Column phase: DB-624

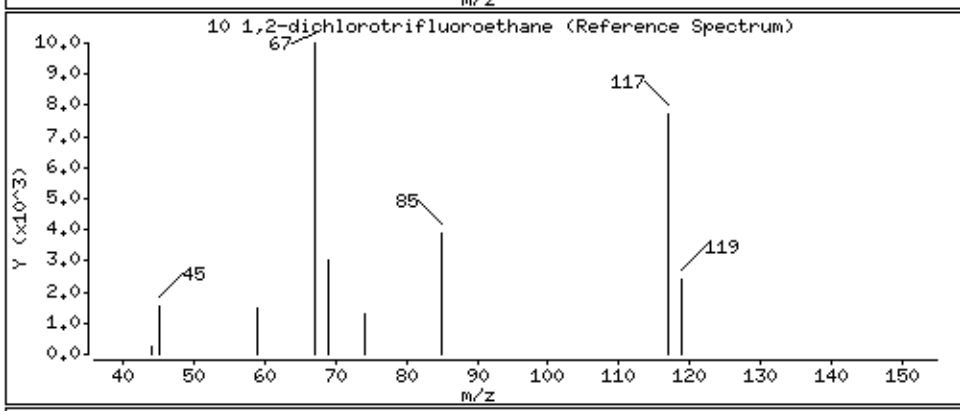
Column diameter: 0.18

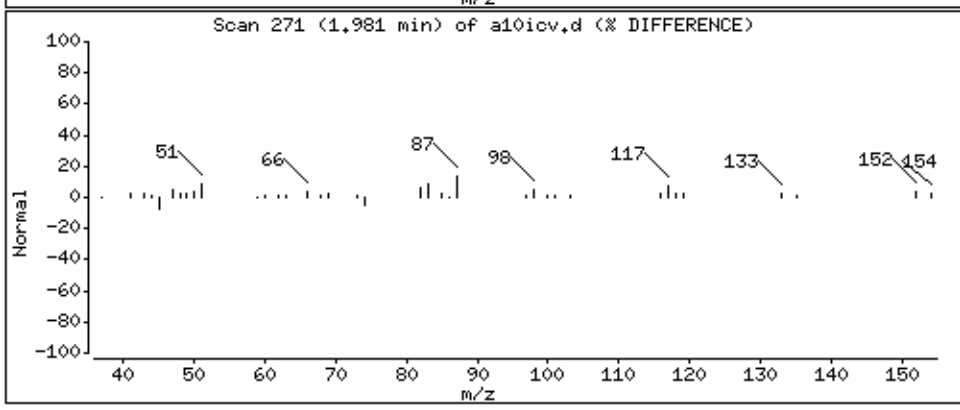
10 1,2-dichlorotrifluoroethane

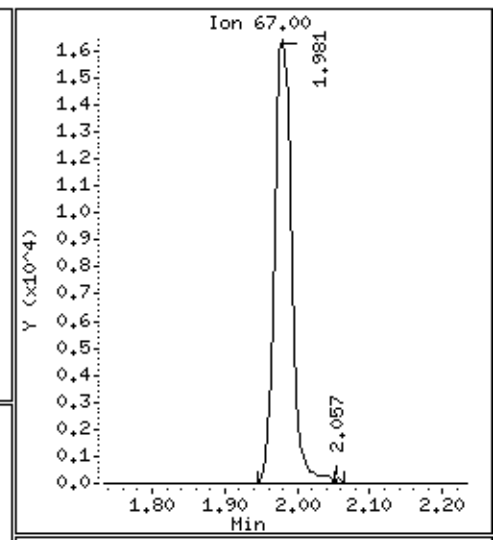
Concentration: 58.8 ppb

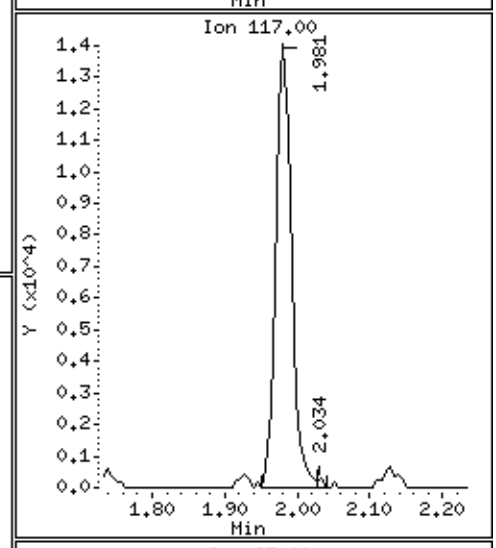


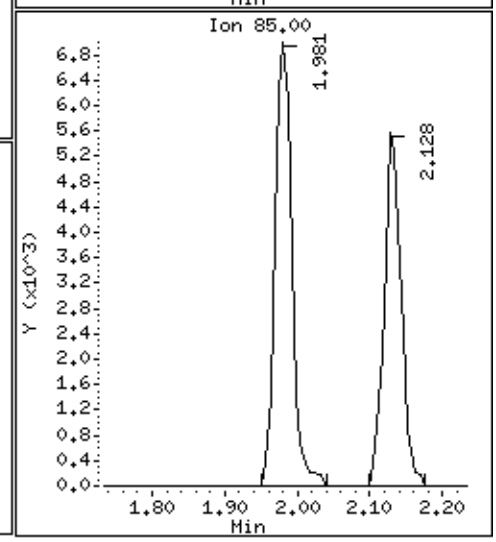












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

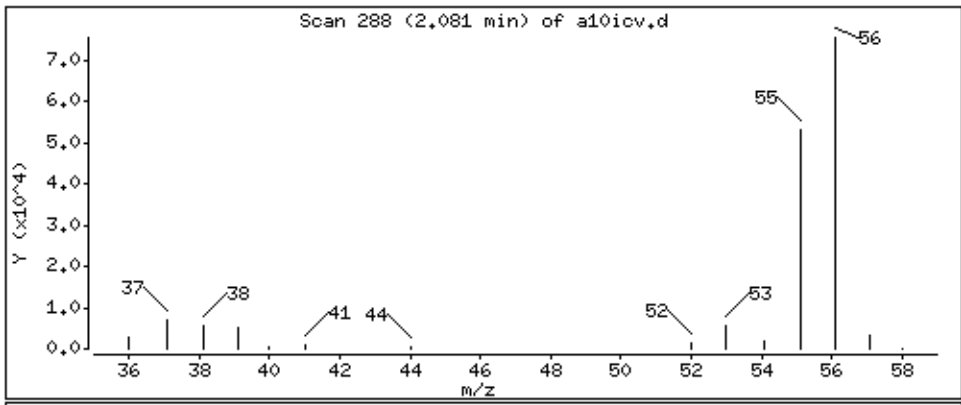
Operator: rsw

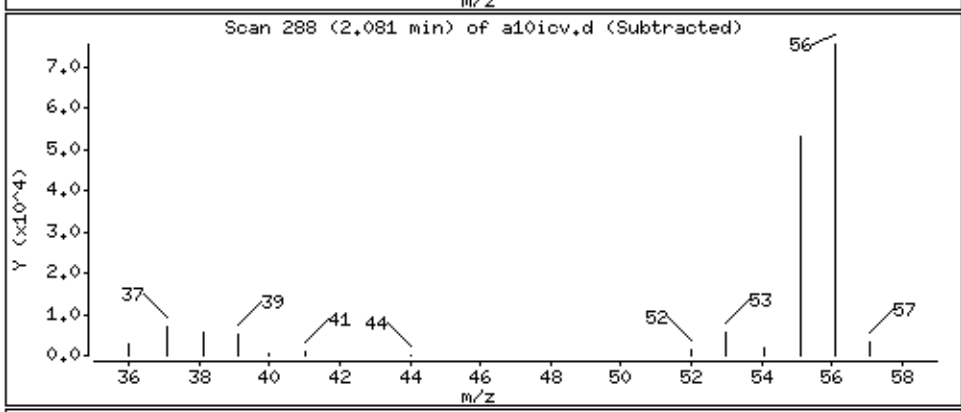
Column phase: DB-624

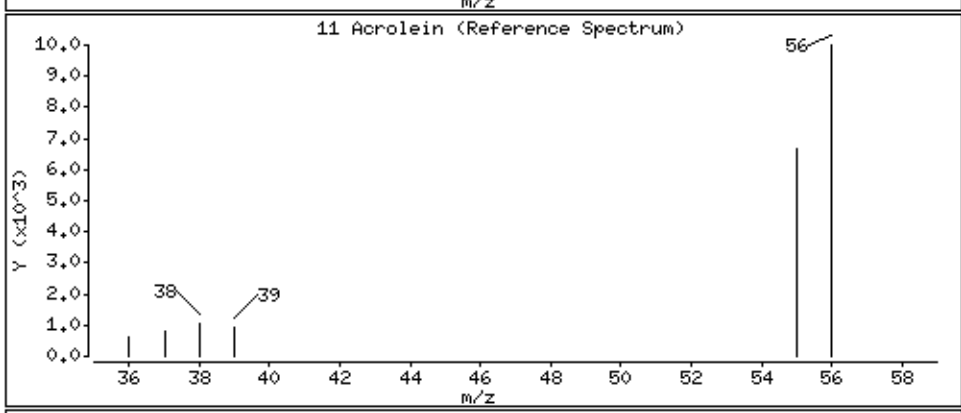
Column diameter: 0.18

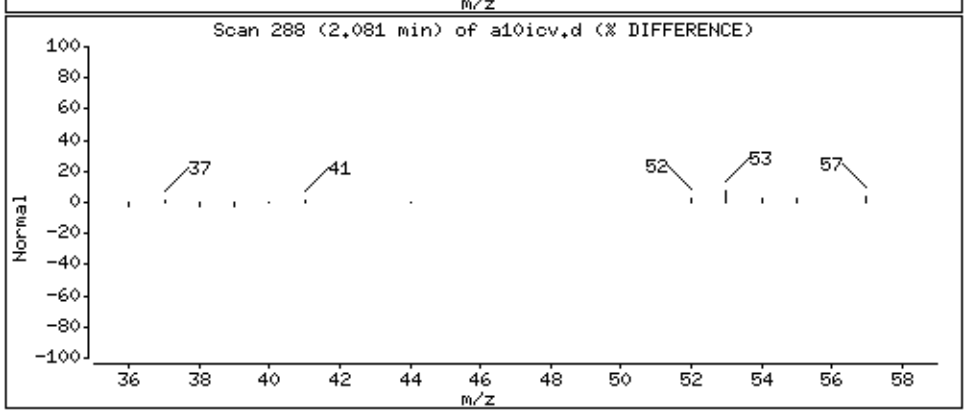
11 Acrolein

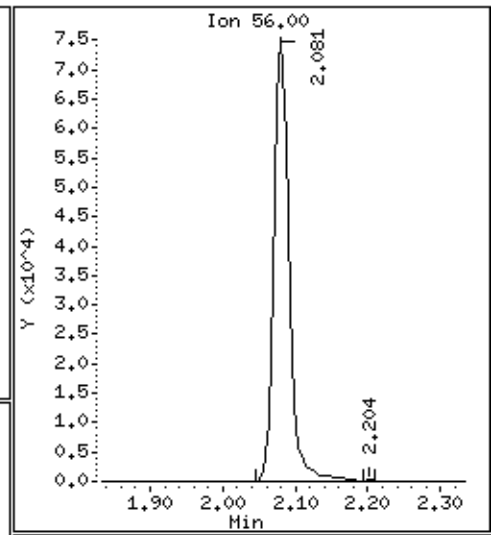
Concentration: 1300 ppb

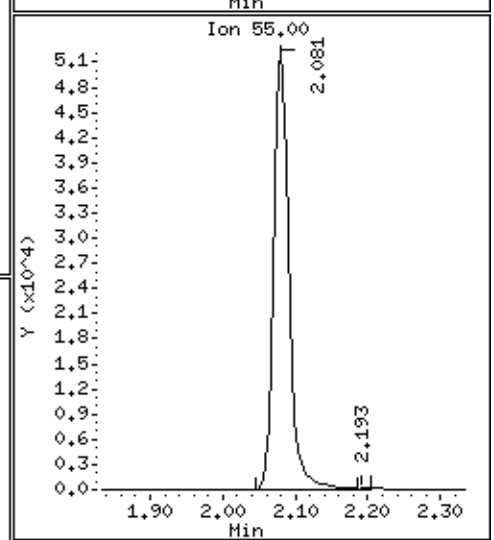












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

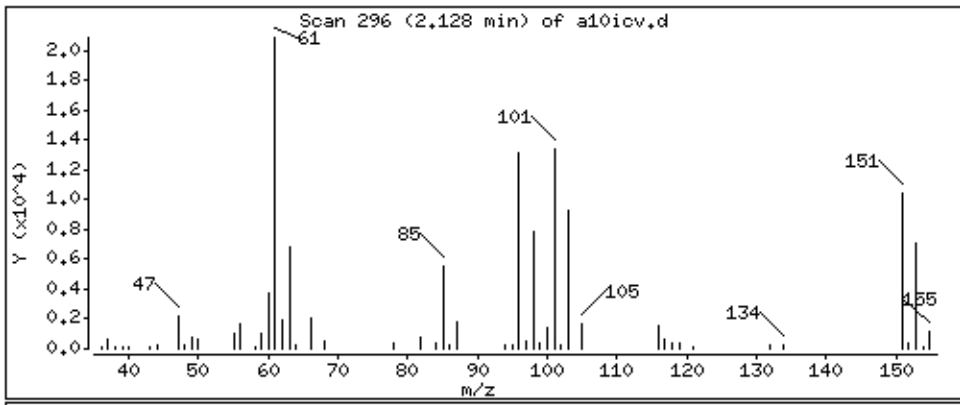
Operator: rsw

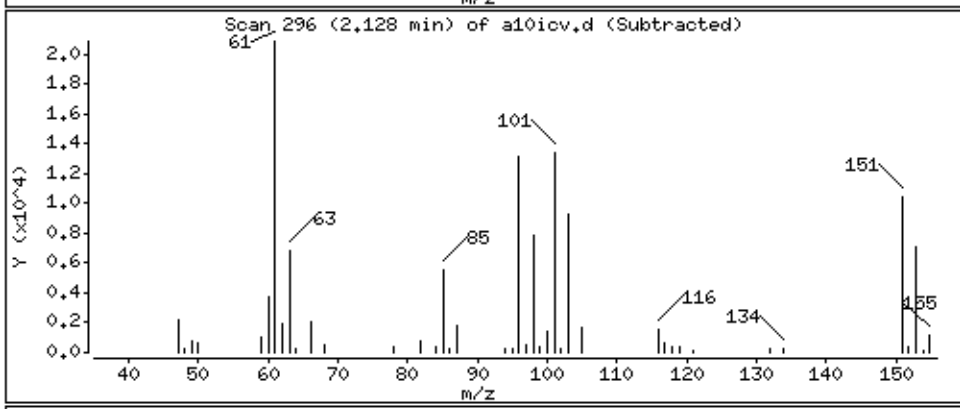
Column phase: DB-624

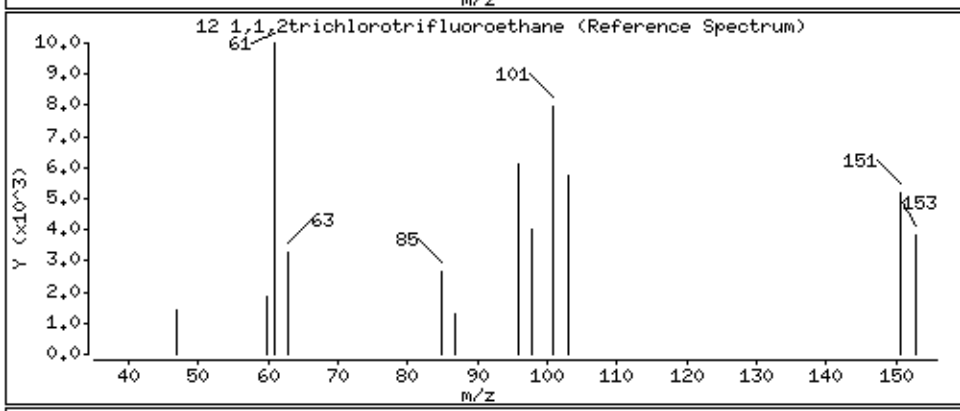
Column diameter: 0.18

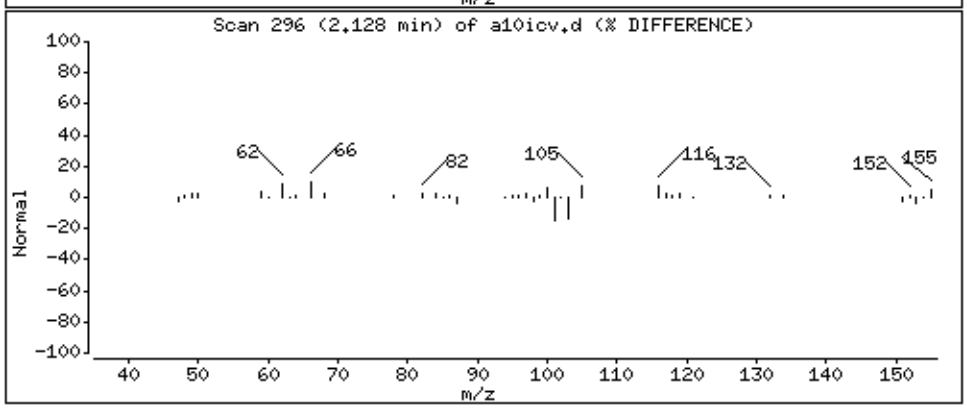
12 1,1,2trichlorotrifluoroethane

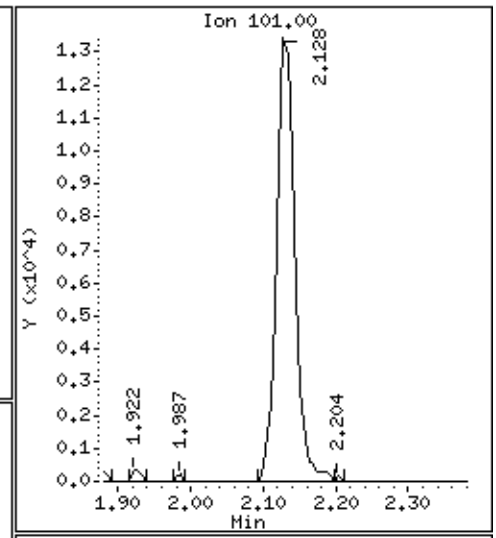
Concentration: 52.5 ppb

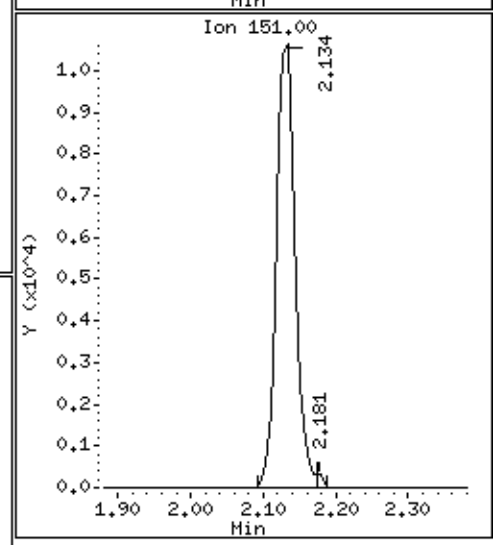












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

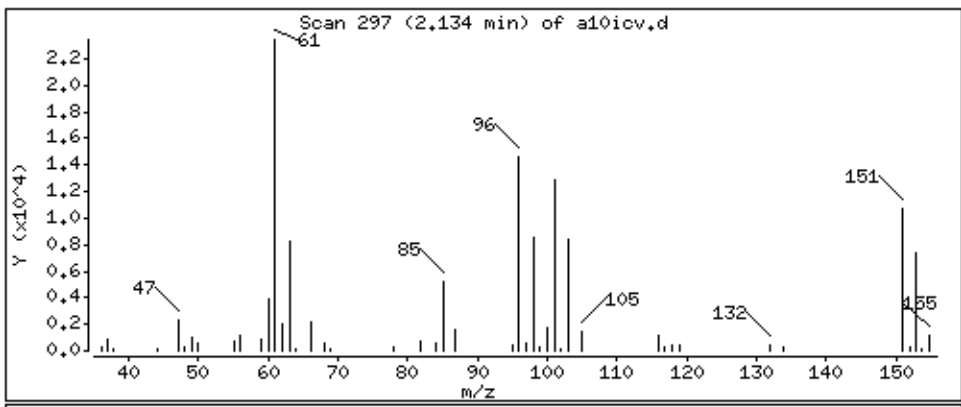
Operator: rsw

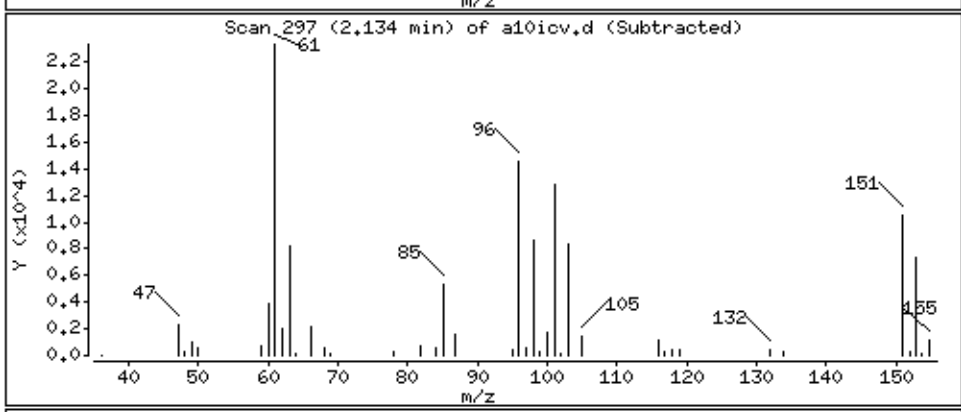
Column phase: DB-624

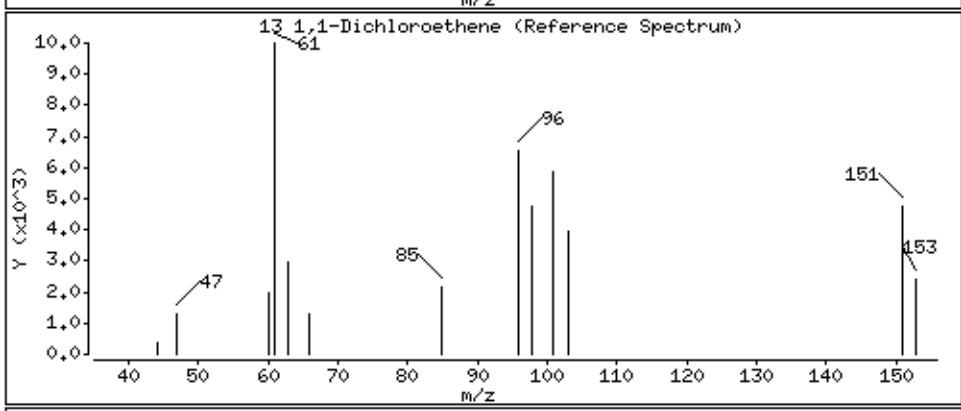
Column diameter: 0.18

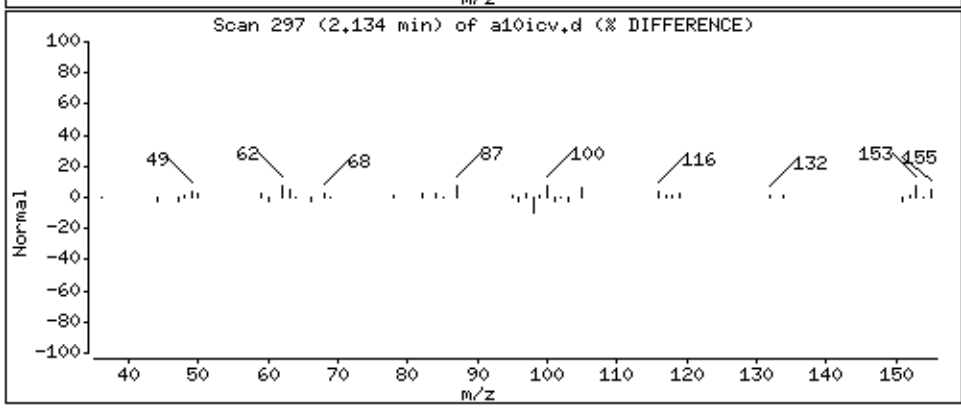
13 1,1-Dichloroethene

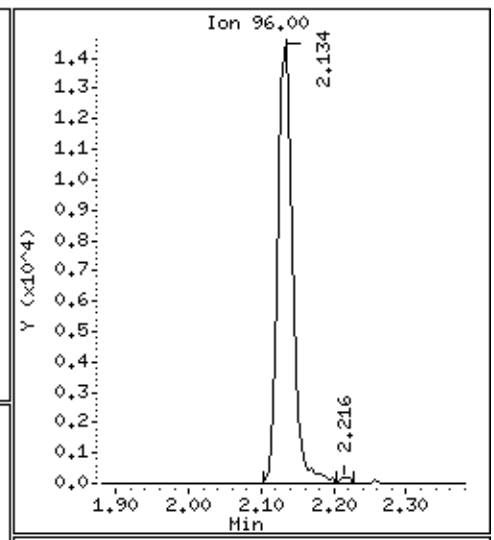
Concentration: 52.4 ppb

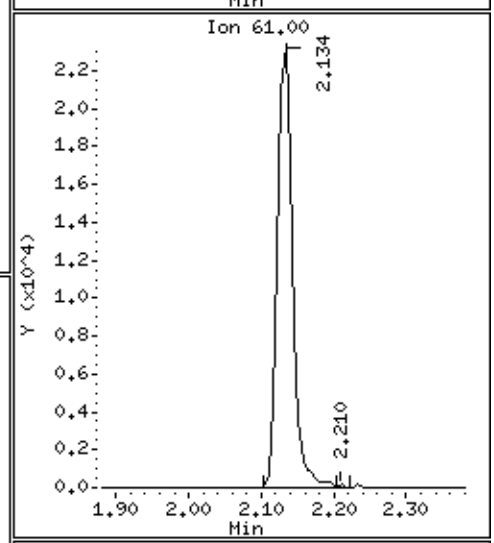


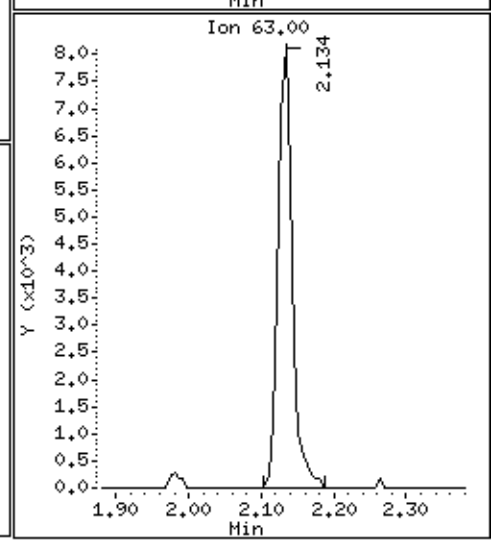












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

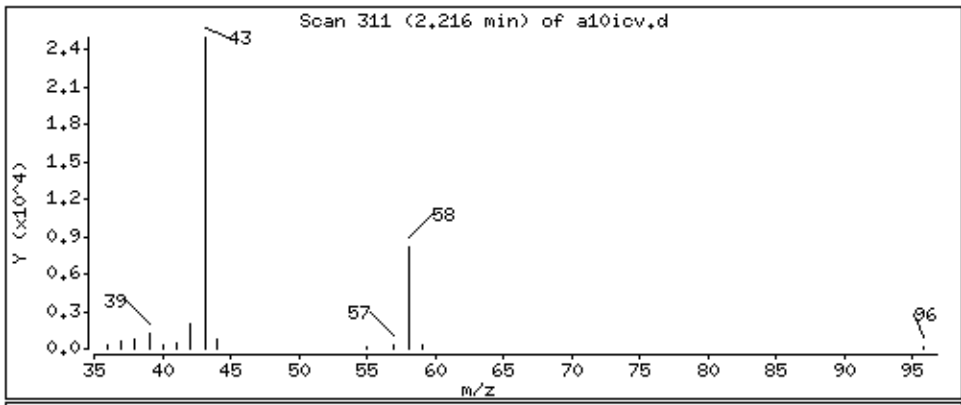
Operator: rsw

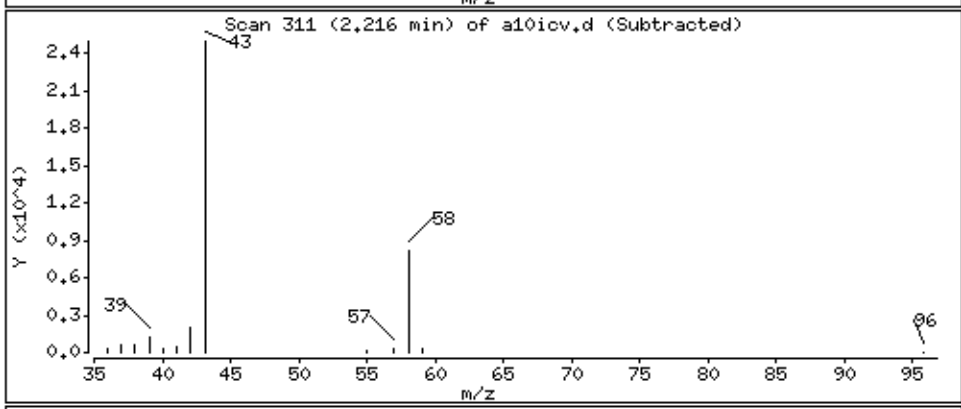
Column phase: DB-624

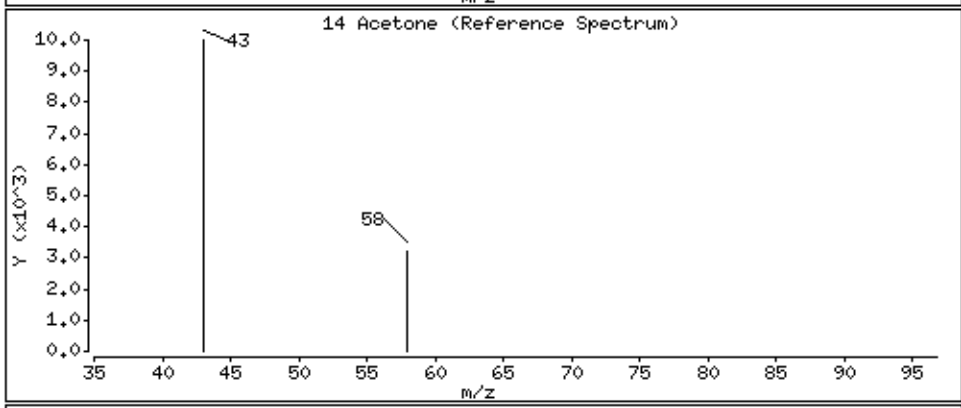
Column diameter: 0.18

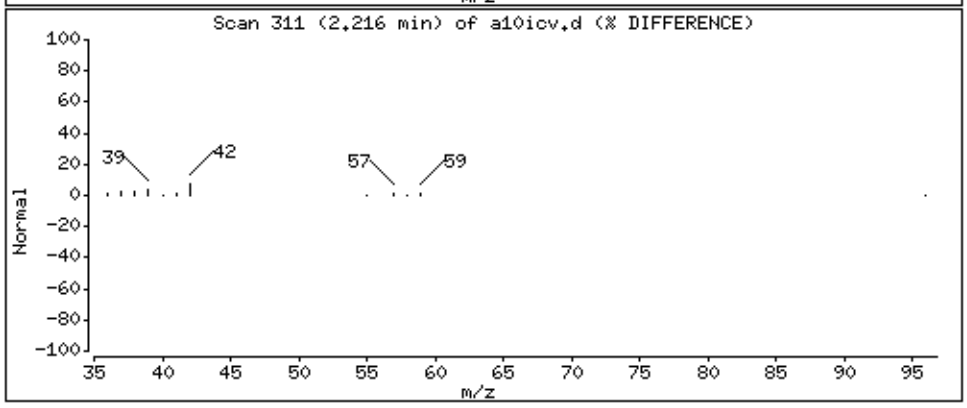
14 Acetone

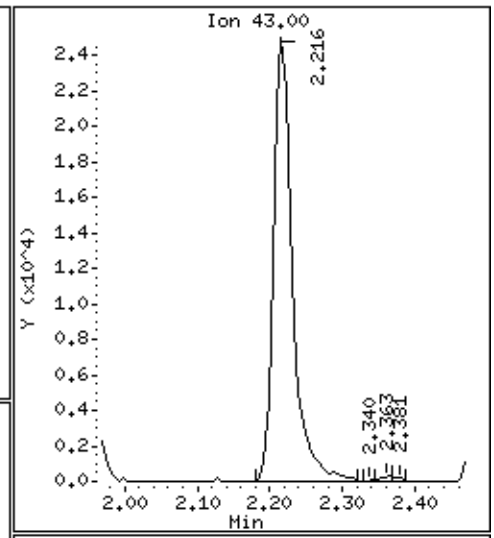
Concentration: 352 ppb

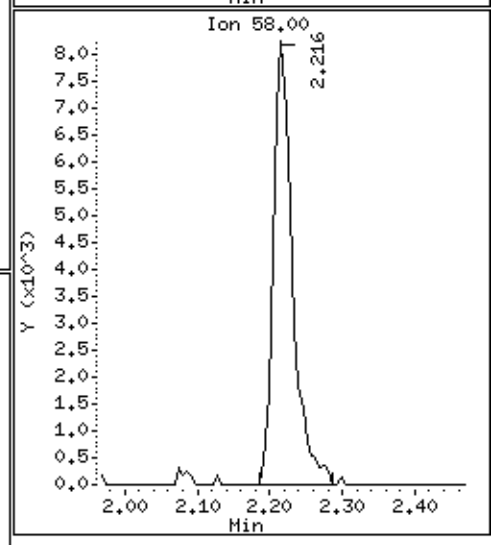












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

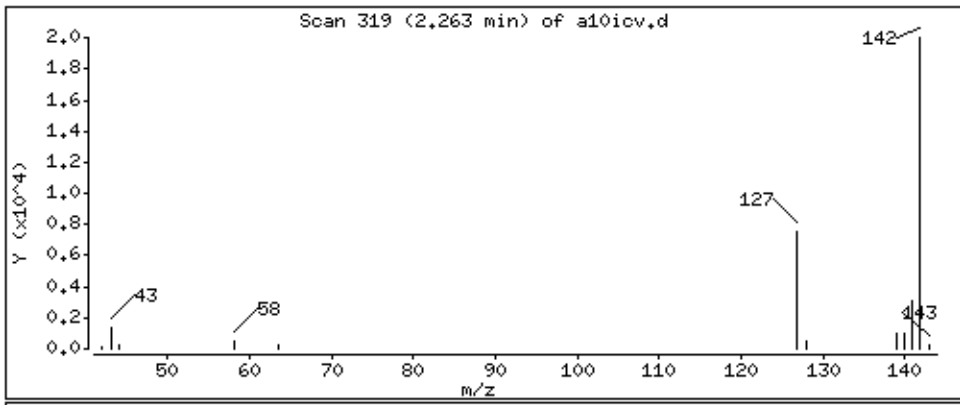
Operator: rsw

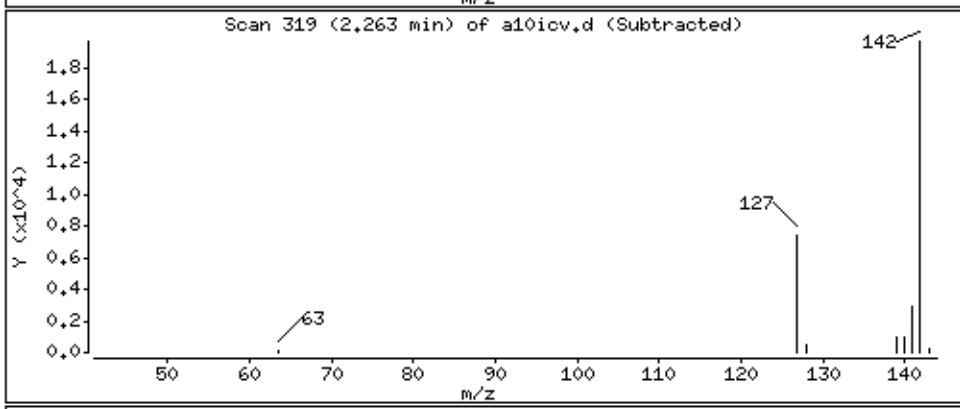
Column phase: DB-624

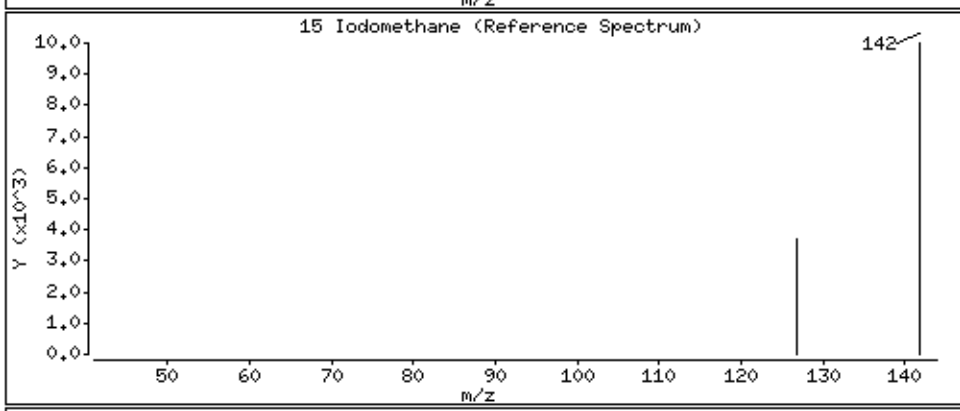
Column diameter: 0.18

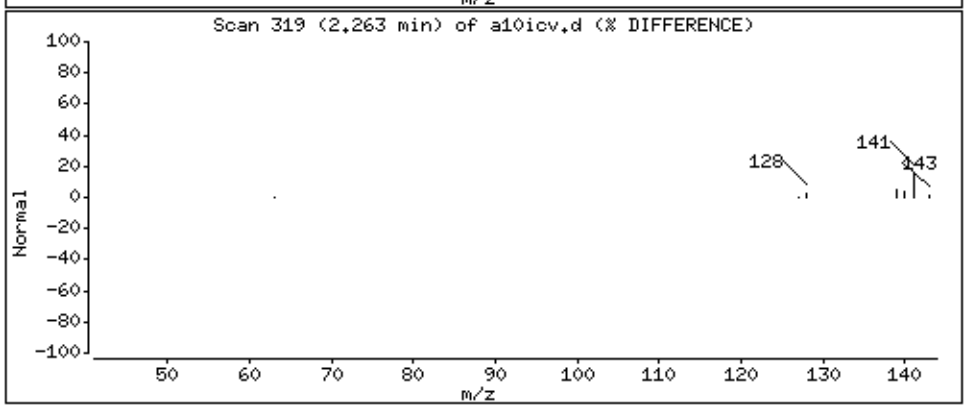
15 Iodomethane

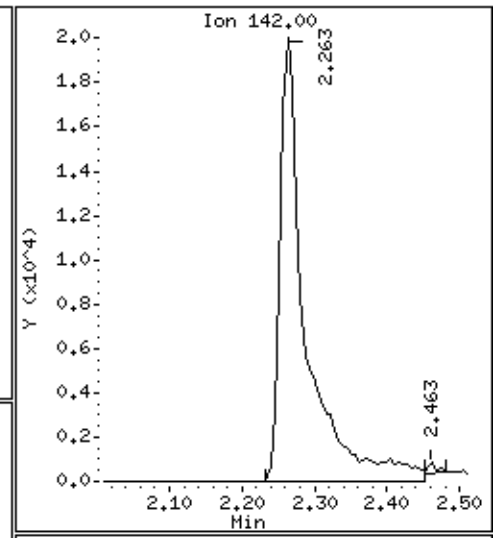
Concentration: 107 ppb

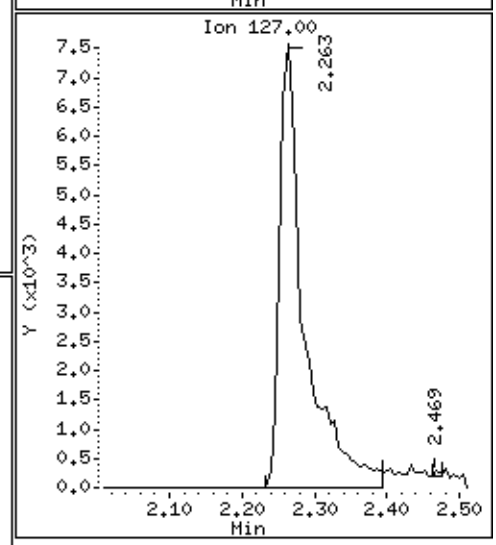












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

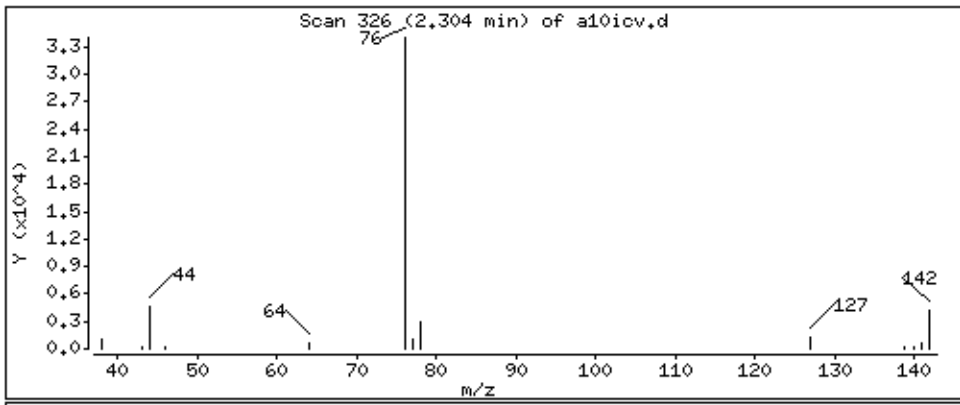
Operator: rsw

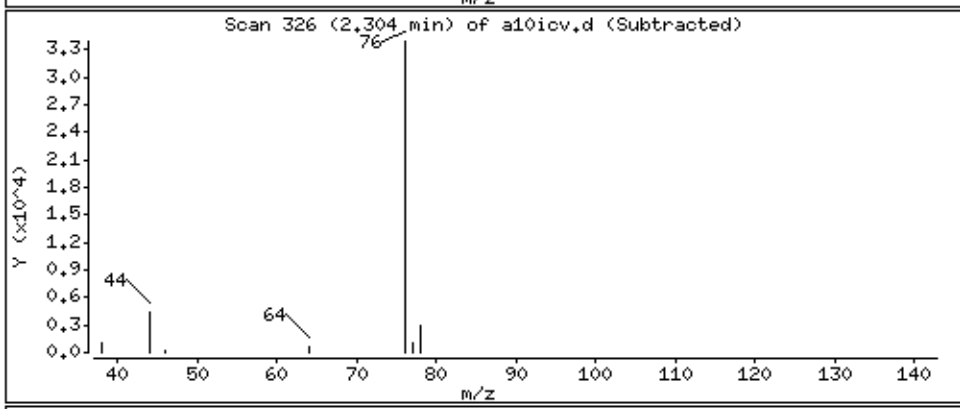
Column phase: DB-624

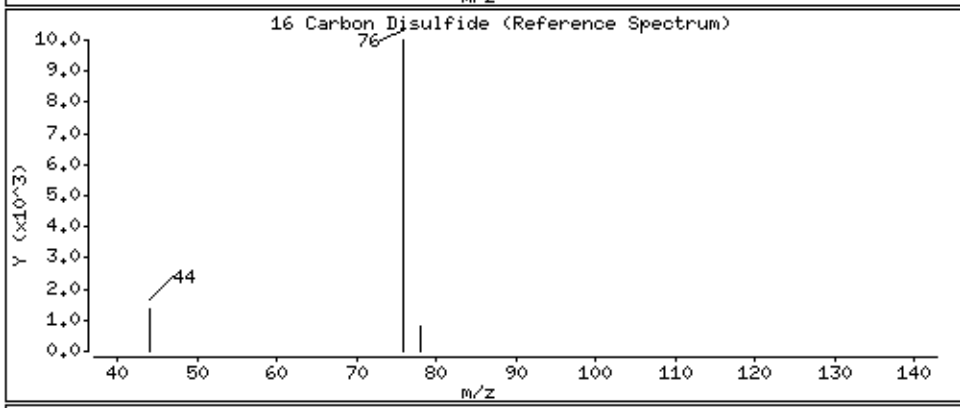
Column diameter: 0.18

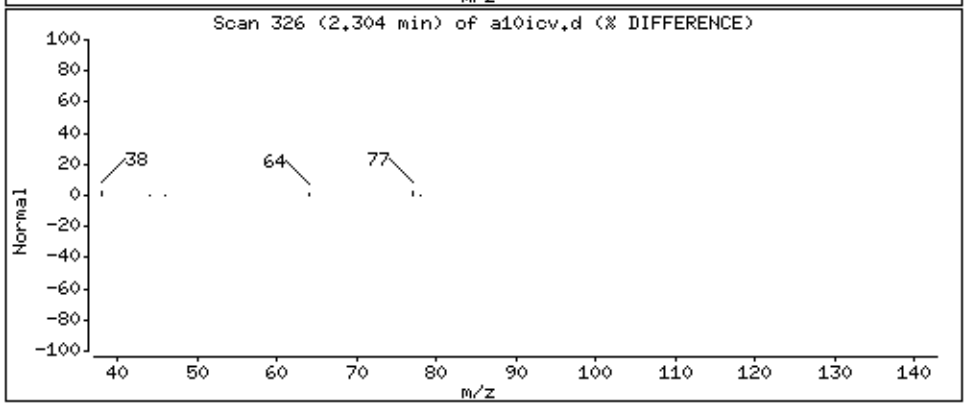
16 Carbon Disulfide

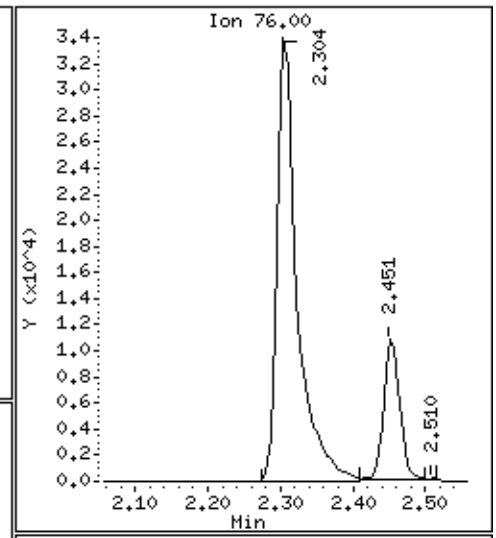
Concentration: 57.4 ppb

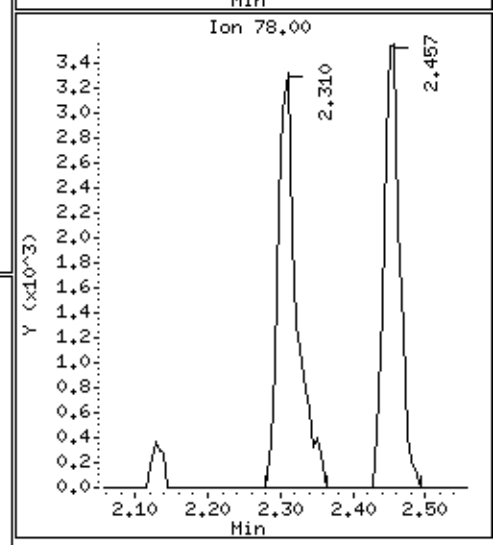












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

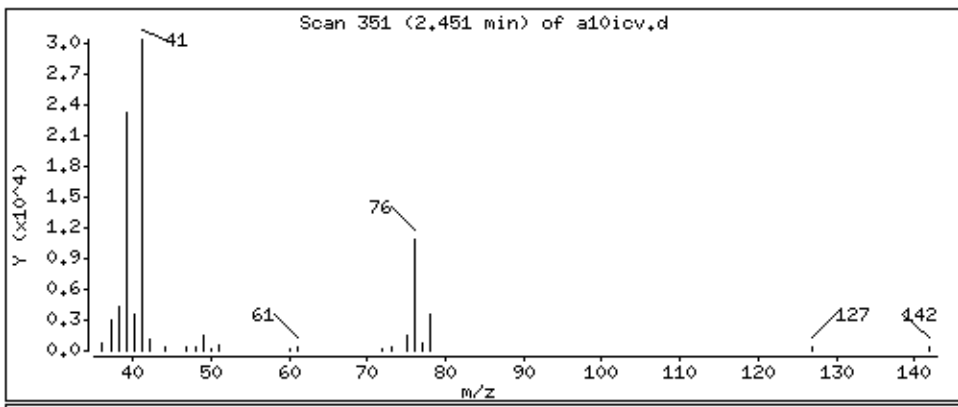
Operator: rsw

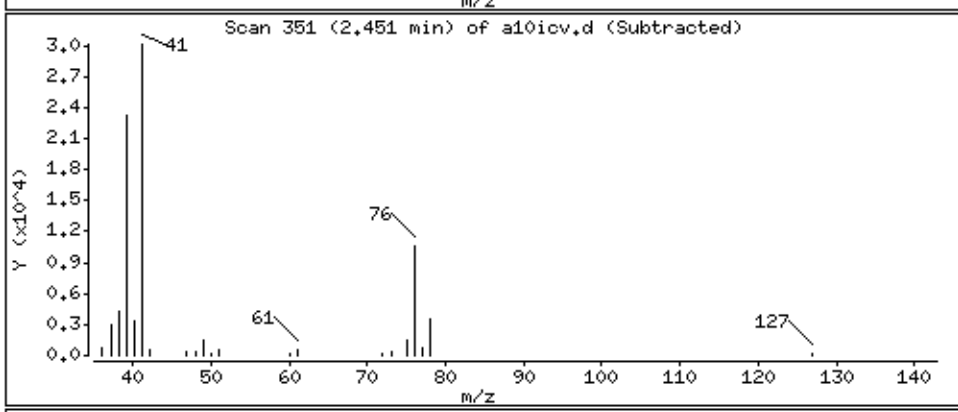
Column phase: DB-624

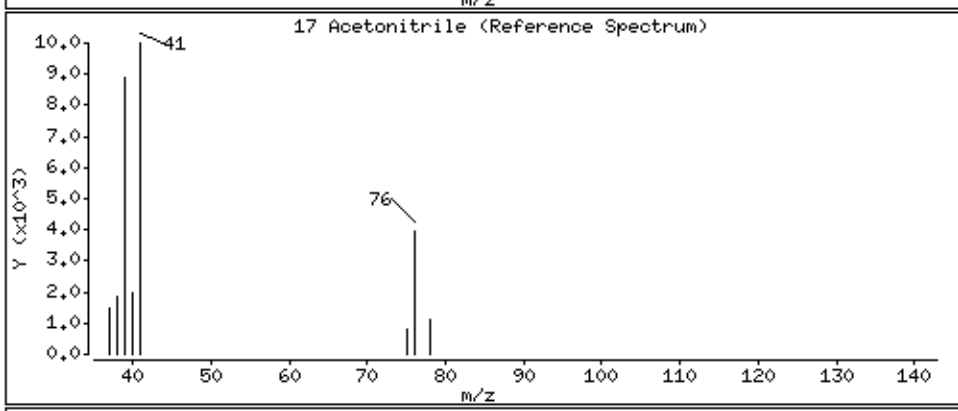
Column diameter: 0.18

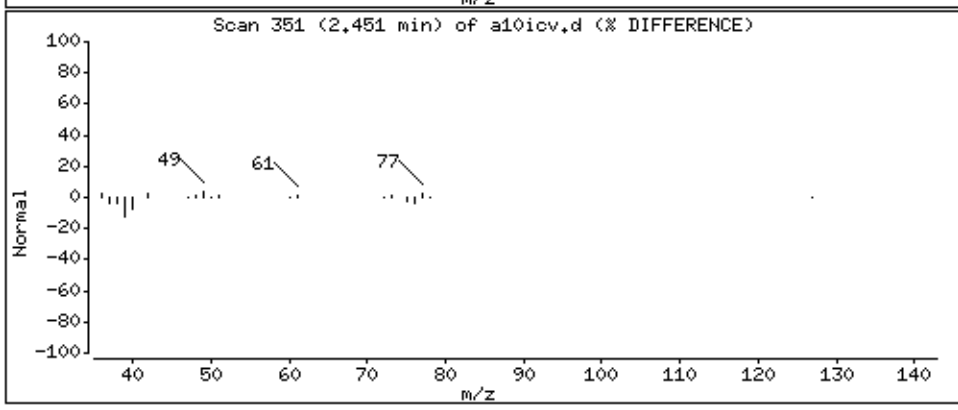
17 Acetonitrile

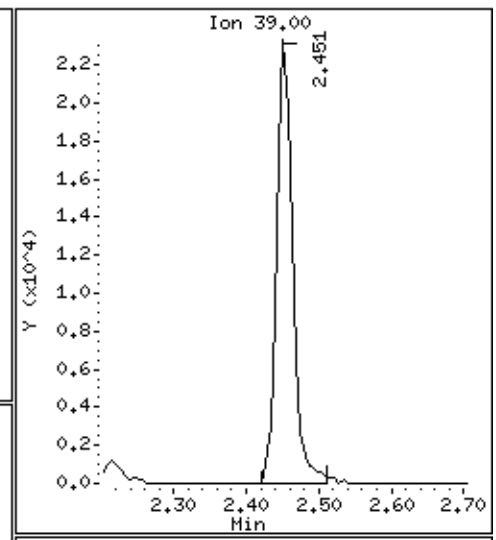
Concentration: 54.2 ppb

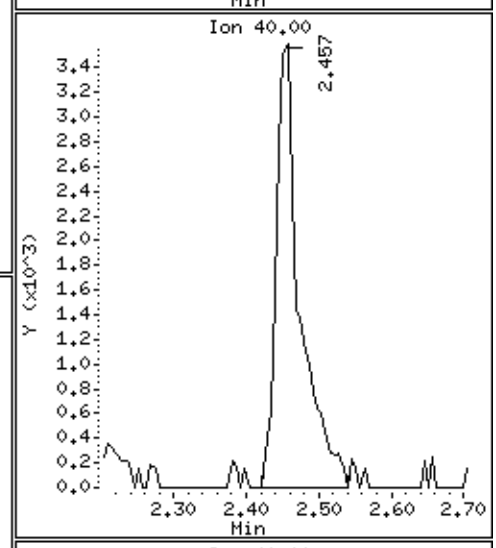


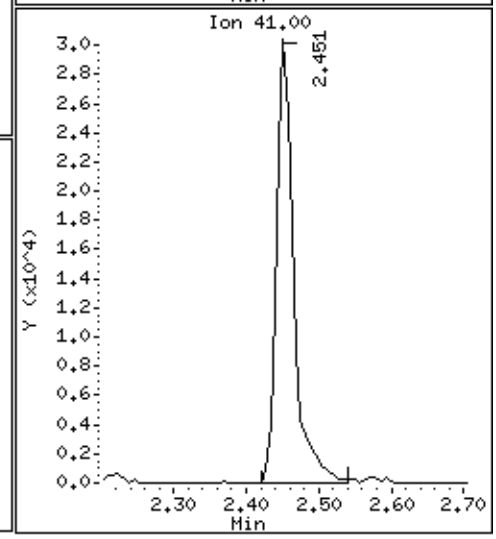












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

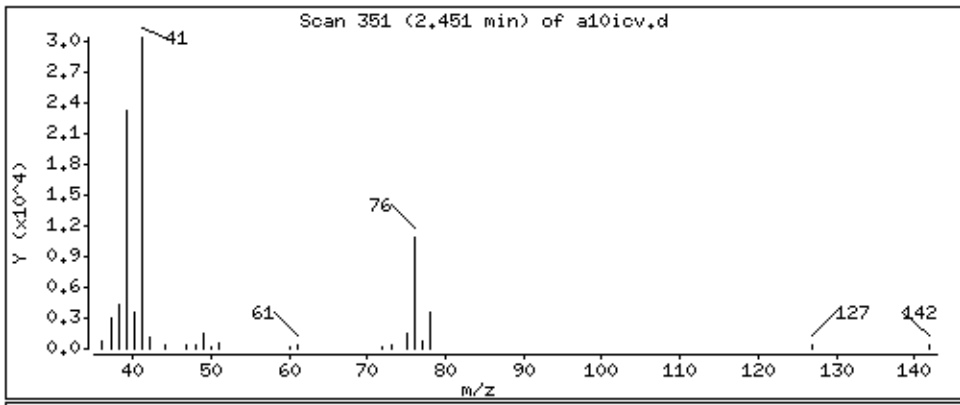
Operator: rsw

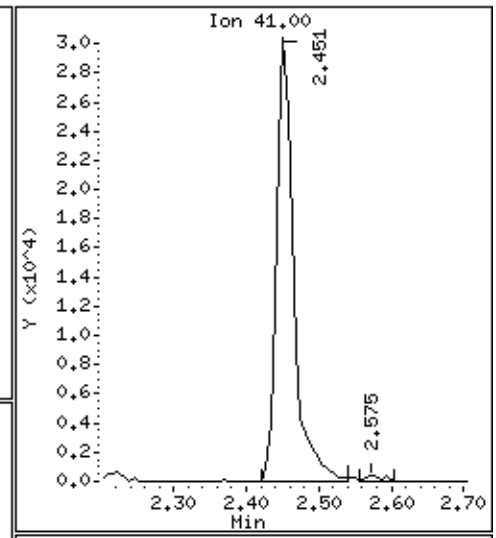
Column phase: DB-624

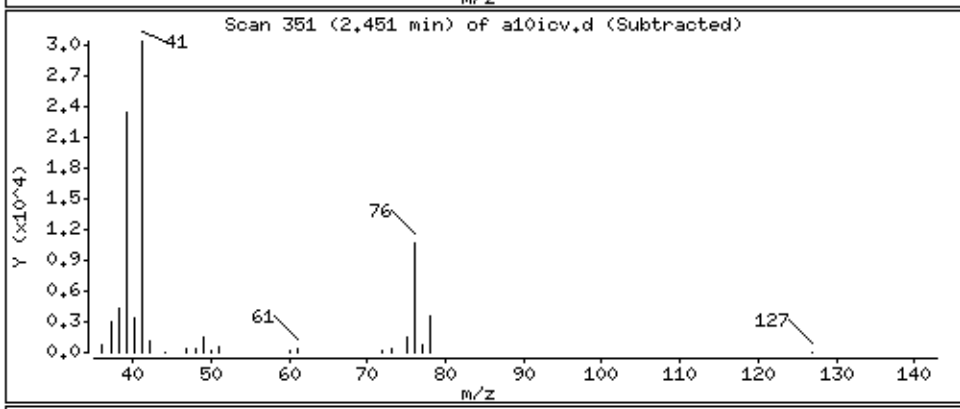
Column diameter: 0.18

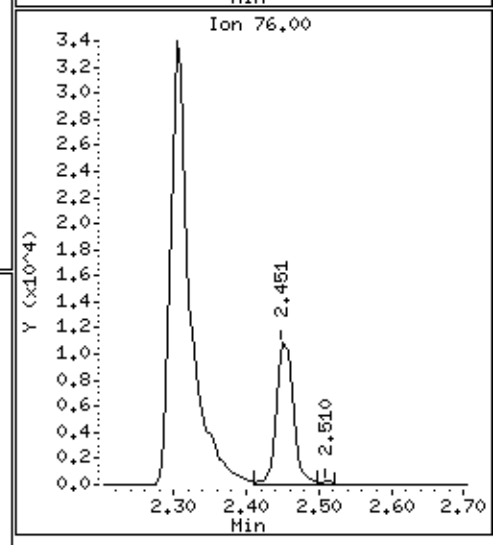
18 allyl chloride

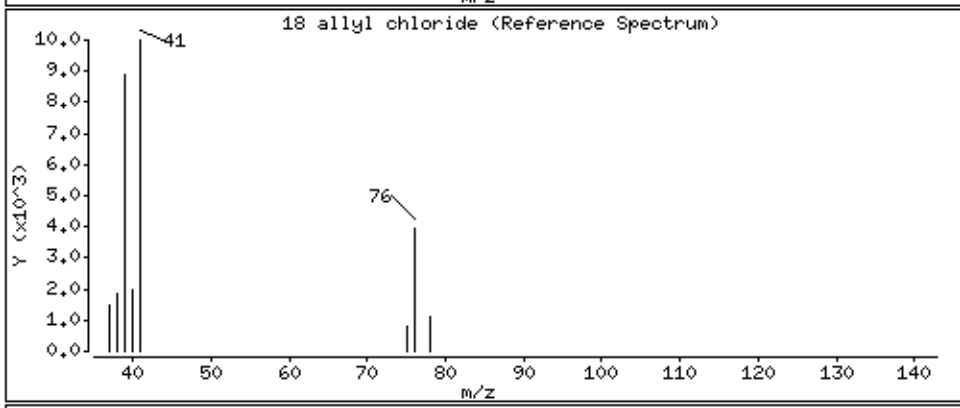
Concentration: 108 ppb

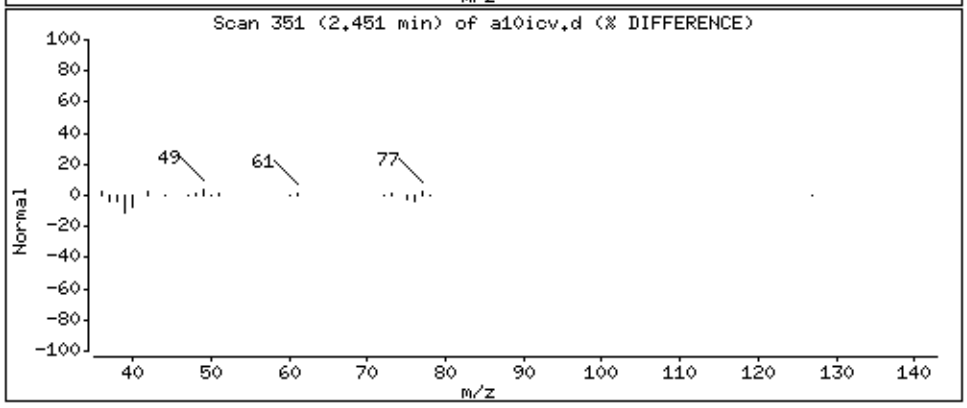












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

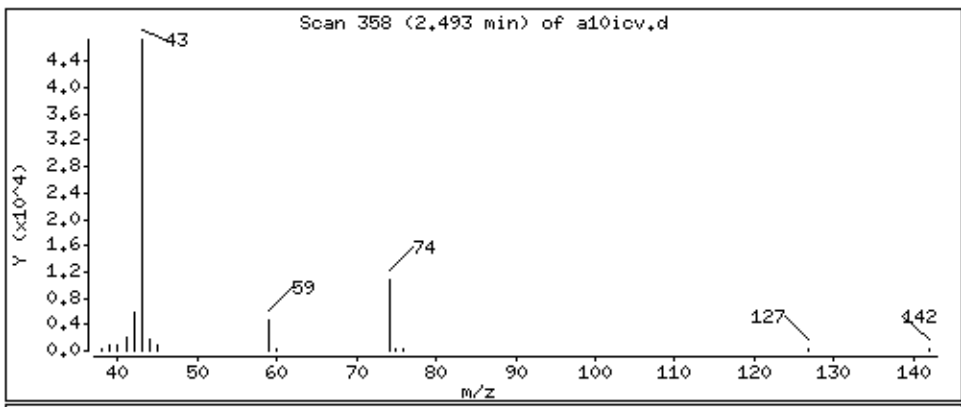
Operator: rsw

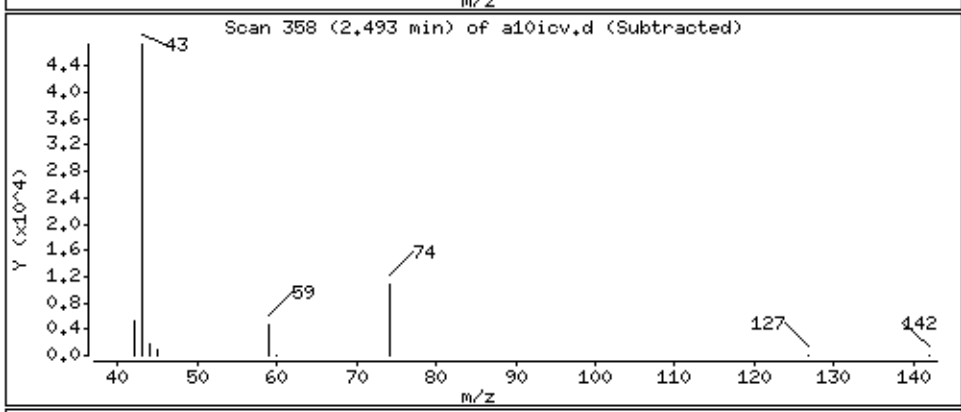
Column phase: DB-624

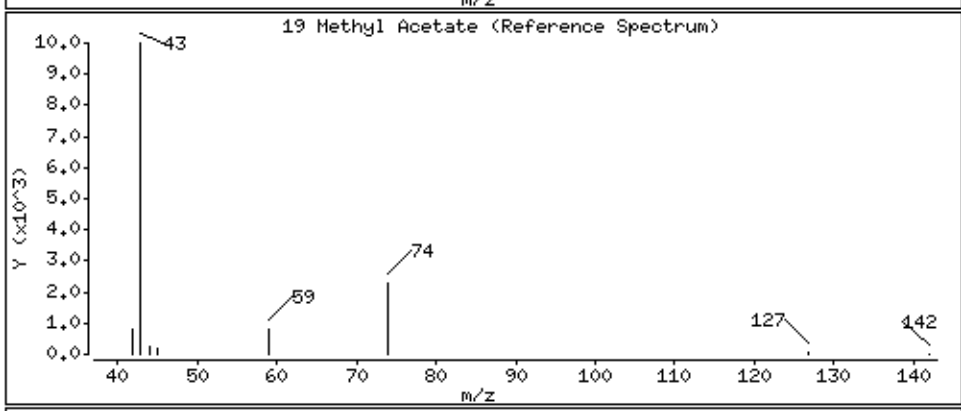
Column diameter: 0.18

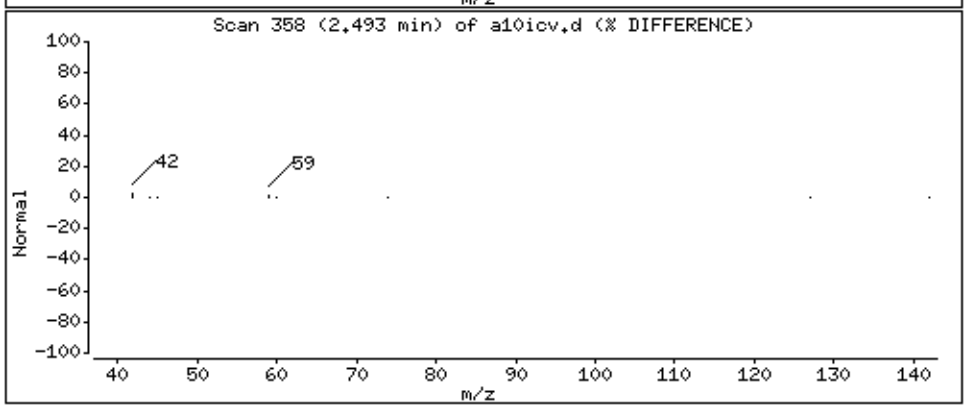
19 Methyl Acetate

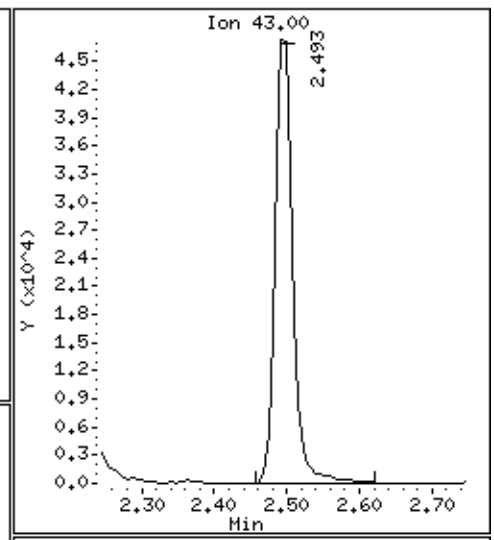
Concentration: 179 ppb

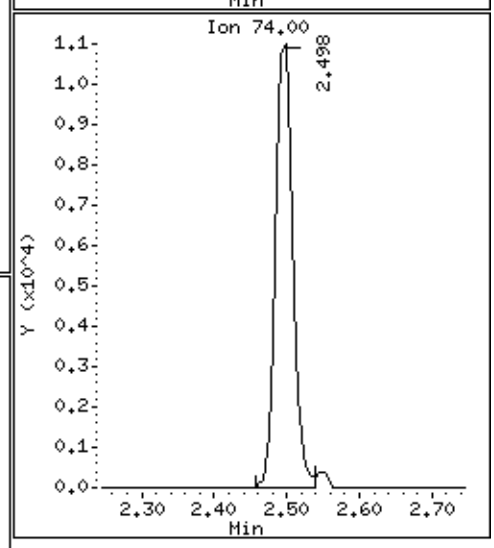












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

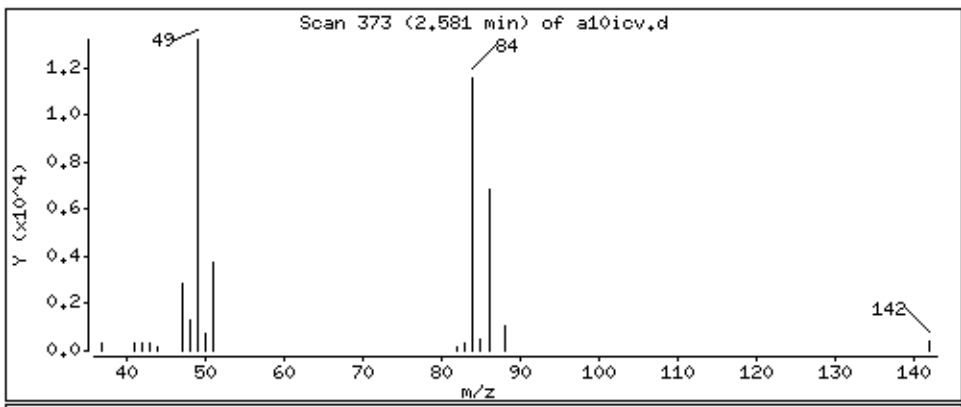
Operator: rsw

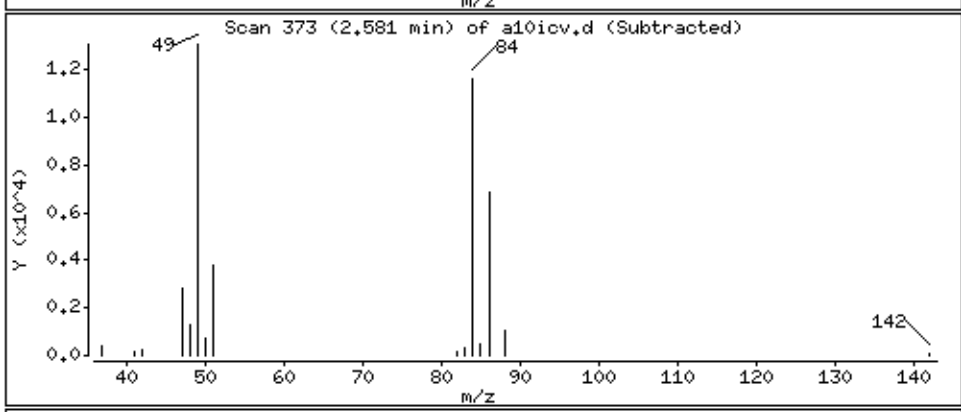
Column phase: DB-624

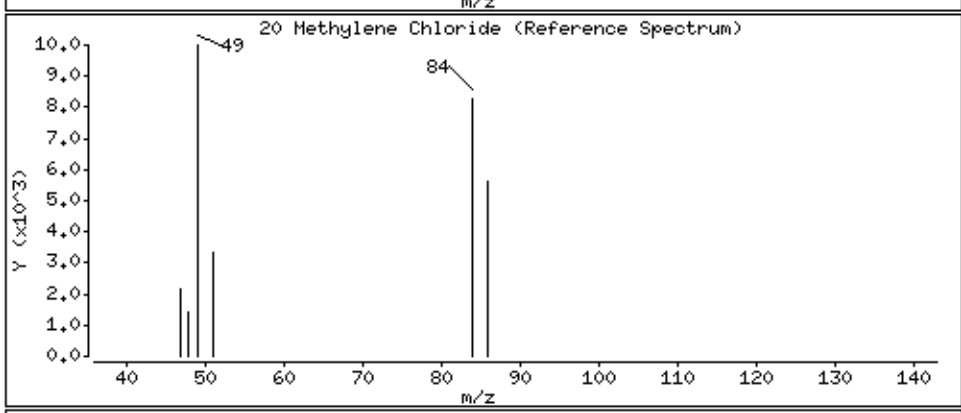
Column diameter: 0.18

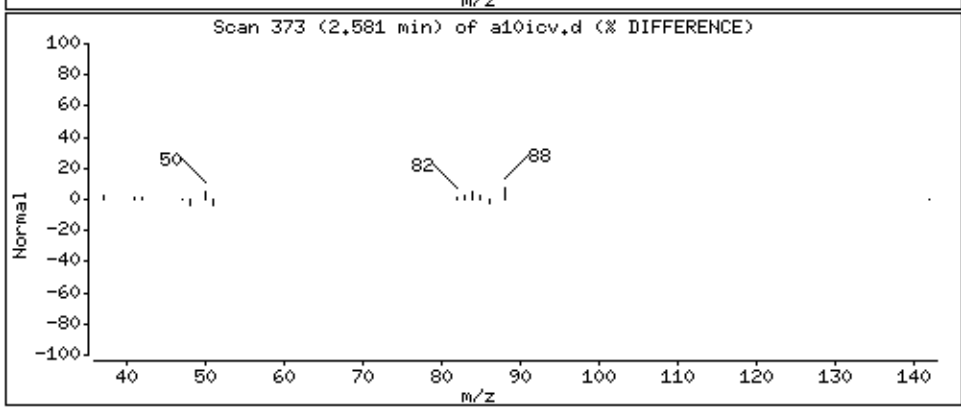
20 Methylene Chloride

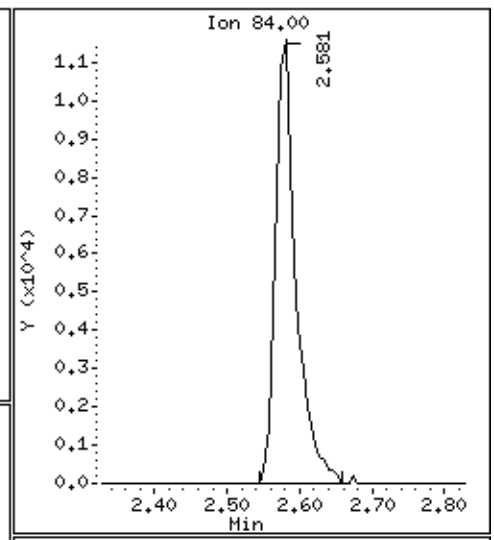
Concentration: 49.9 ppb

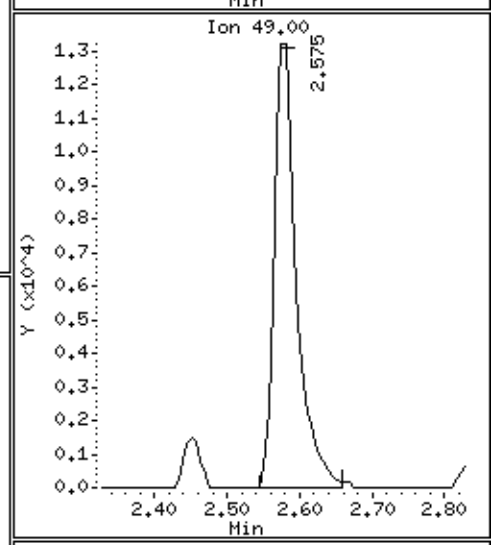


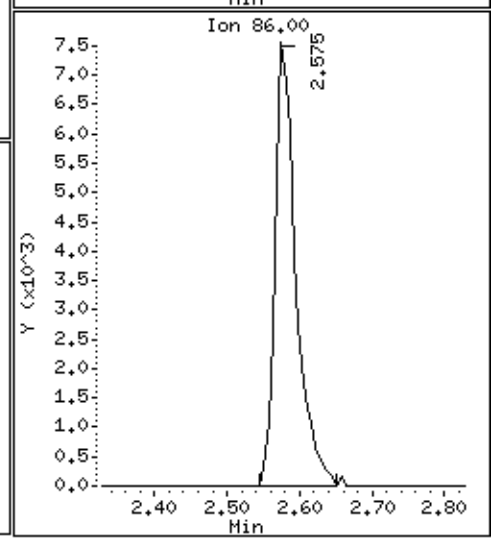












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

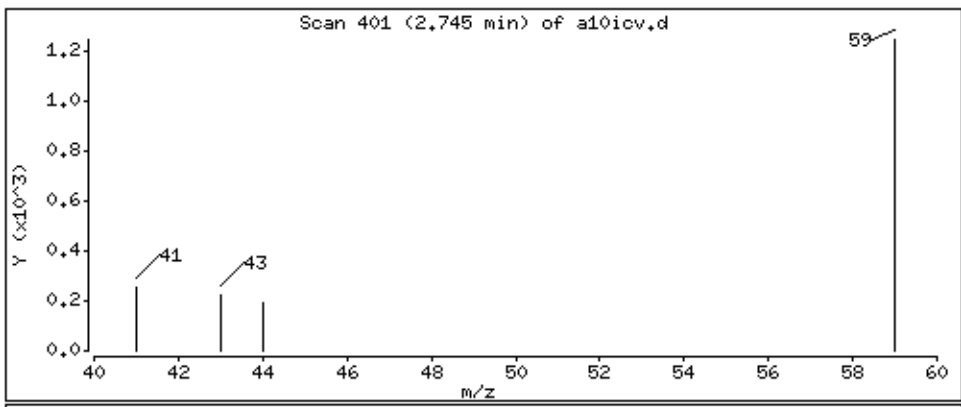
Operator: rsw

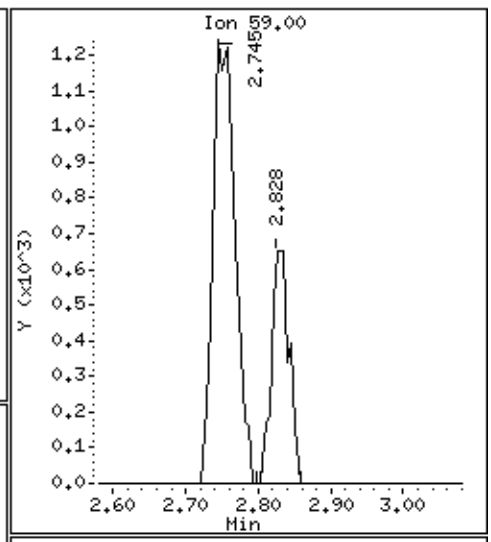
Column phase: DB-624

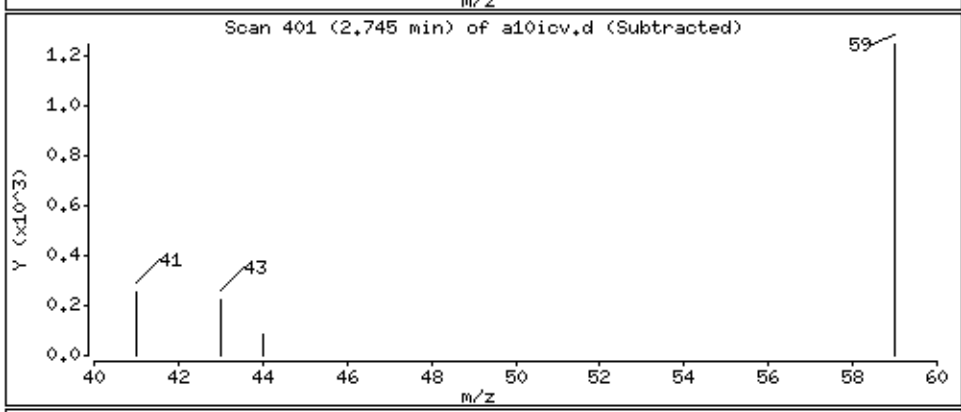
Column diameter: 0.18

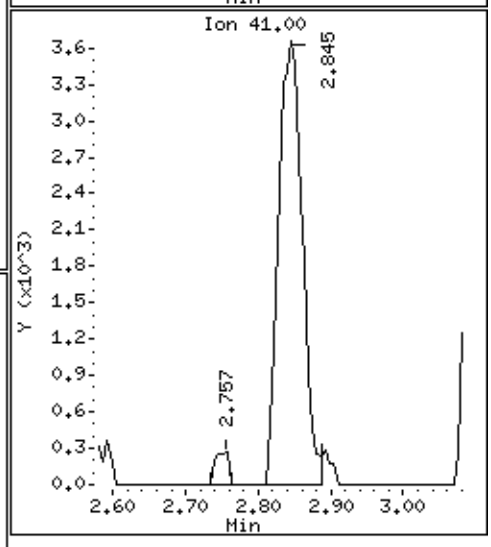
21 tert-Butyl Alcohol

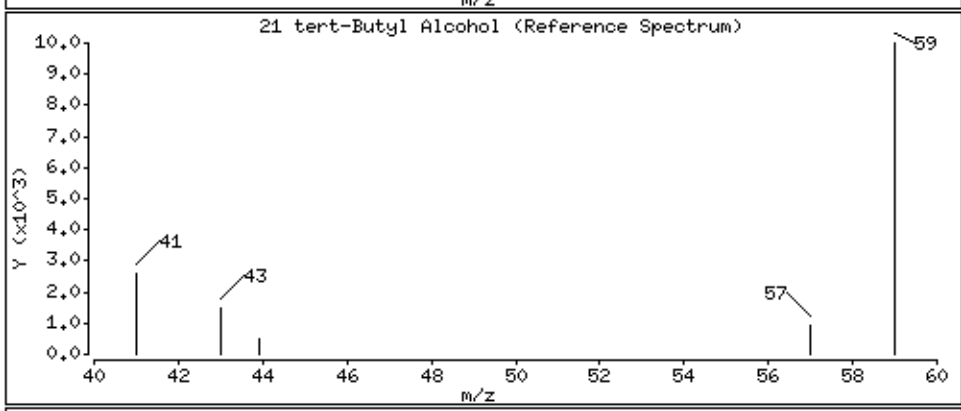
Concentration: 89.4 ppb

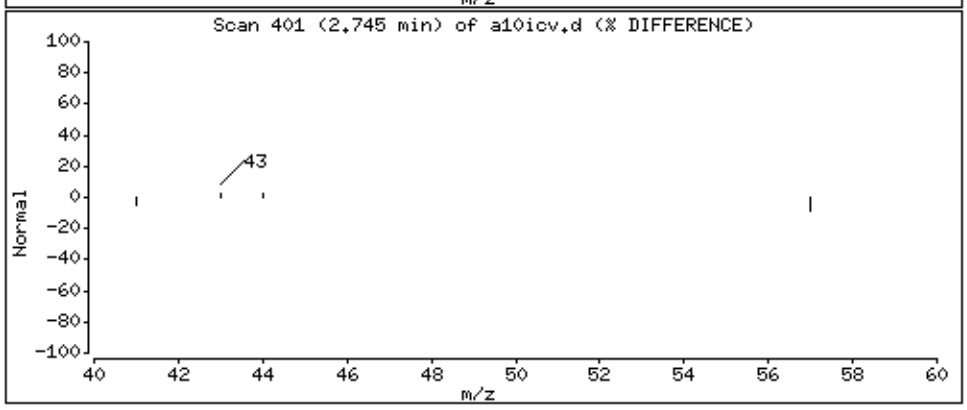












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Page 24

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

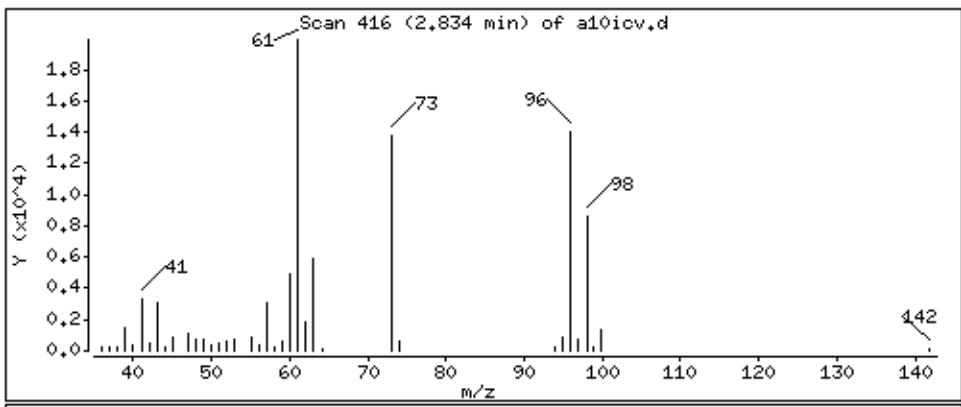
Operator: rsw

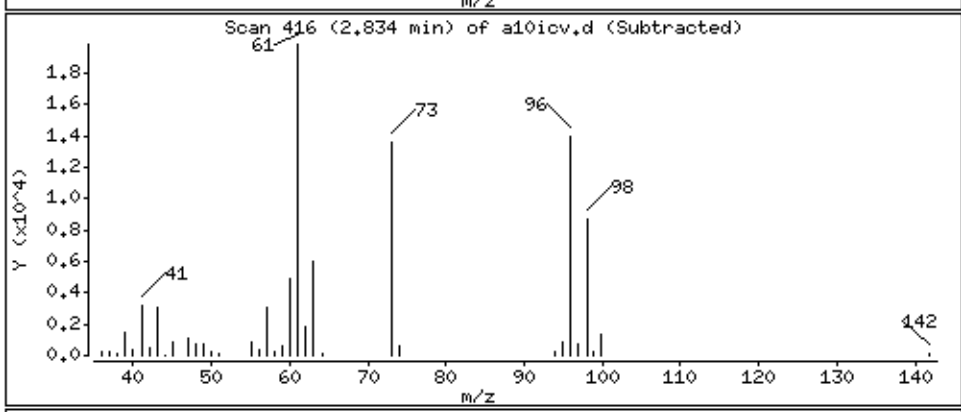
Column phase: DB-624

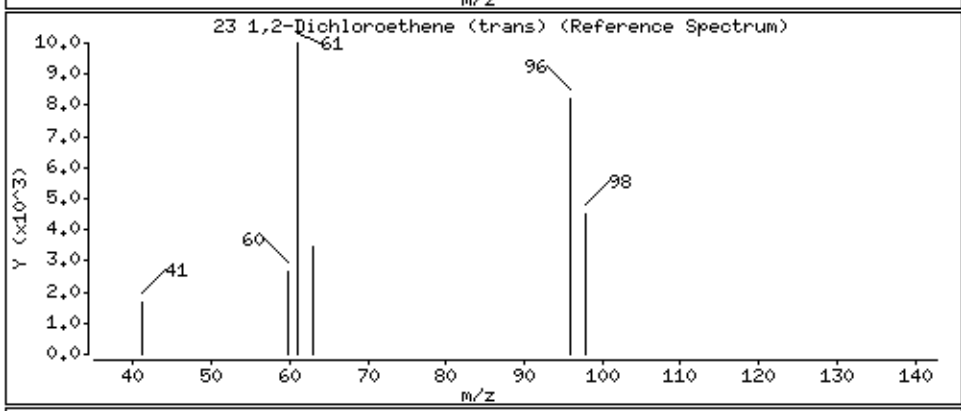
Column diameter: 0.18

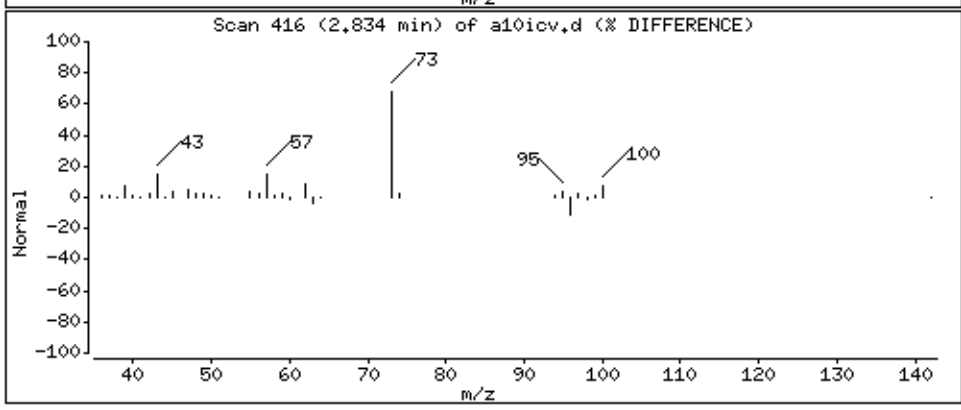
23 1,2-Dichloroethene (trans)

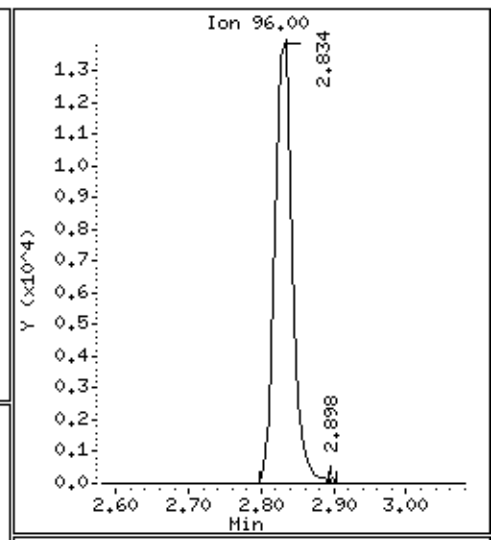
Concentration: 57.1 ppb

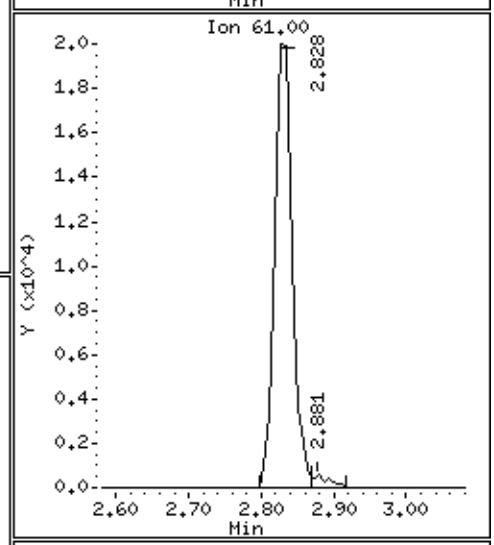


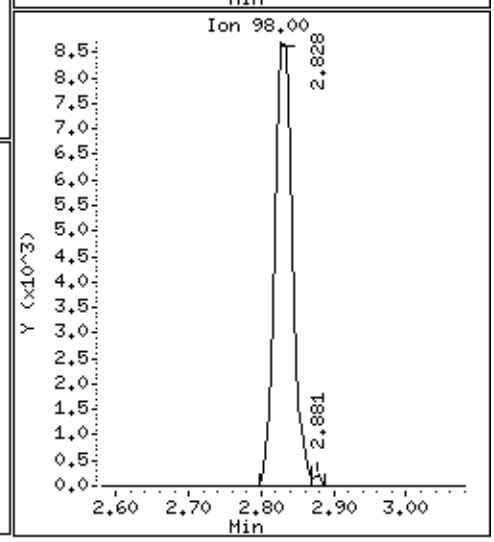












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

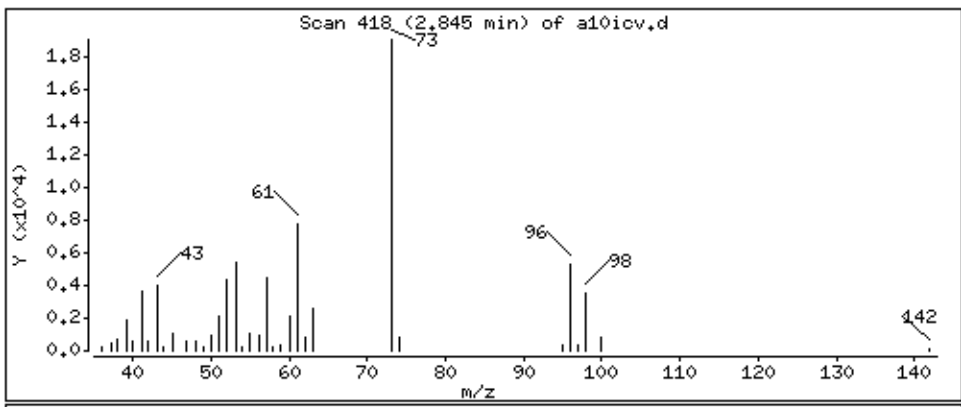
Operator: rsw

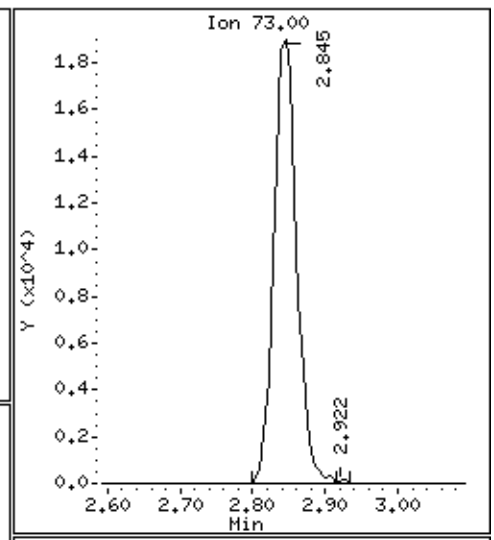
Column phase: DB-624

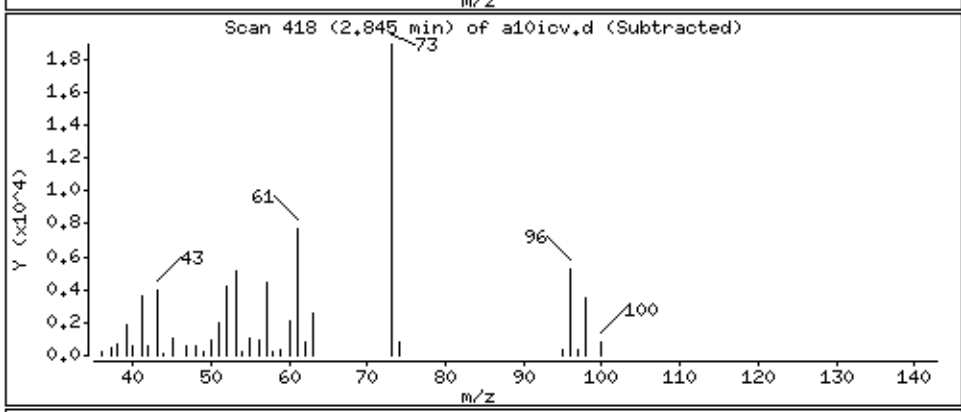
Column diameter: 0.18

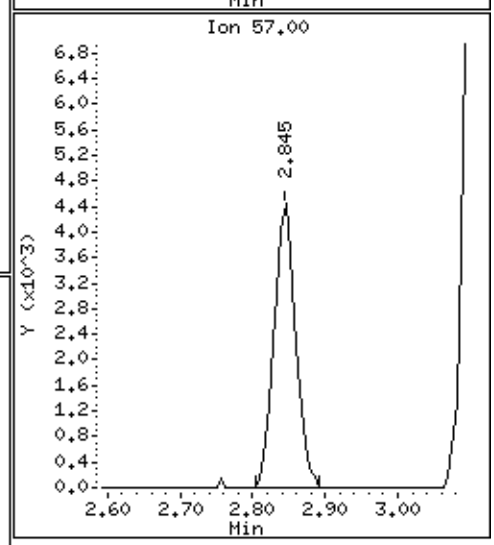
24 Methyl-tert-butyl ether

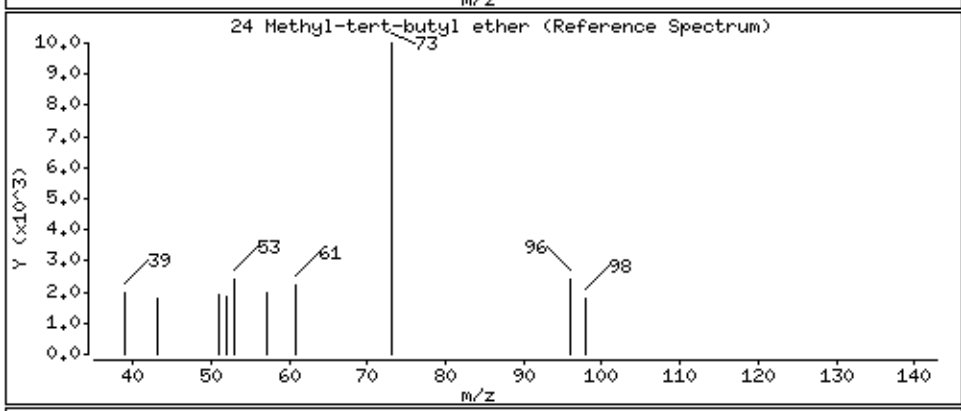
Concentration: 53.8 ppb

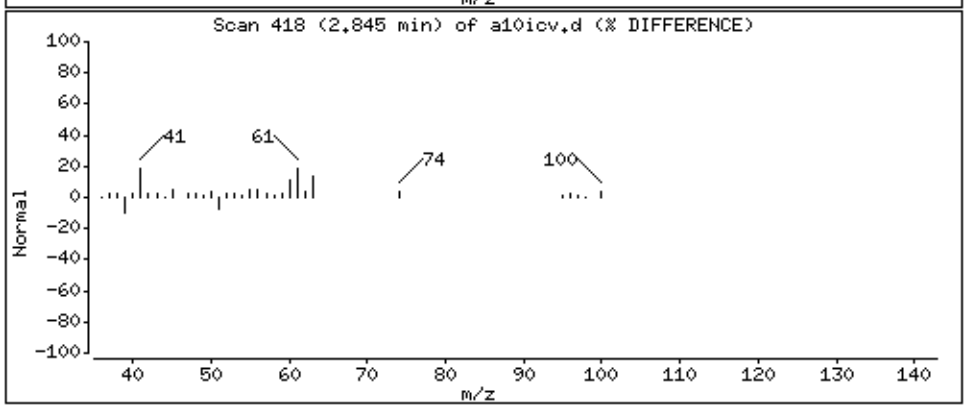












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

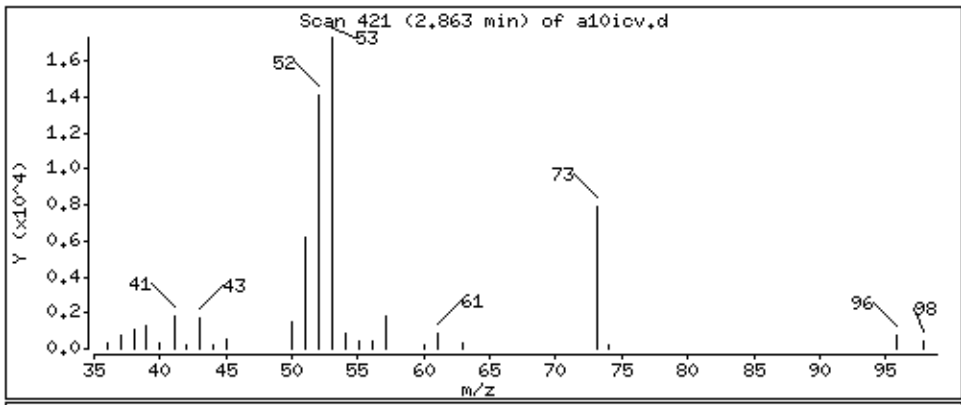
Operator: rsw

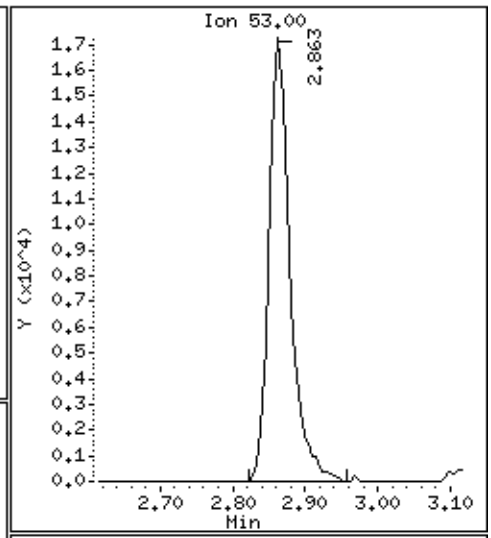
Column phase: DB-624

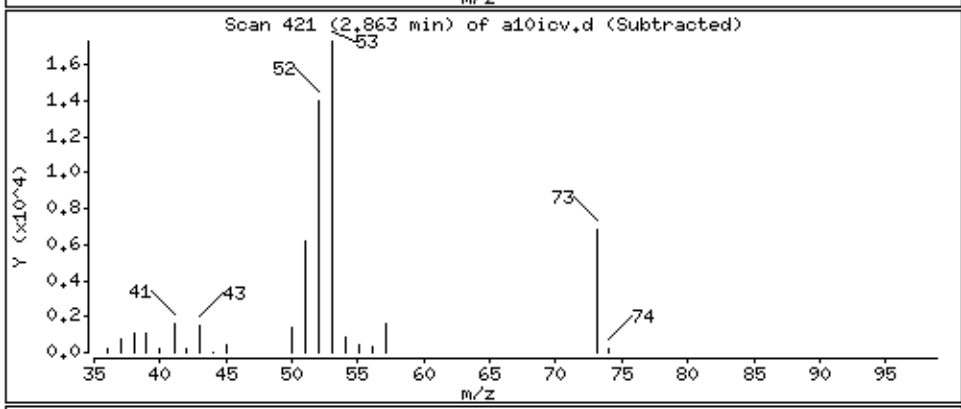
Column diameter: 0.18

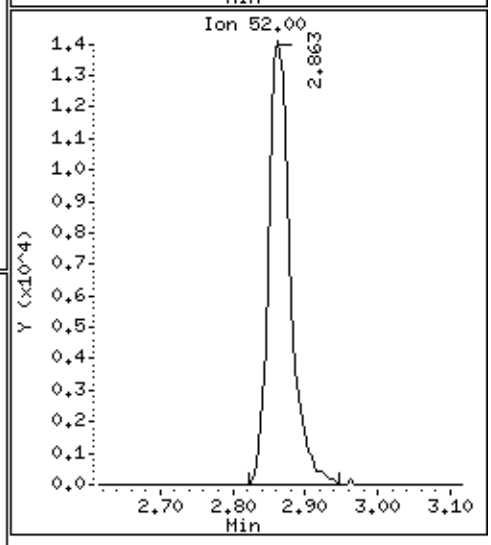
22 Acrylonitrile

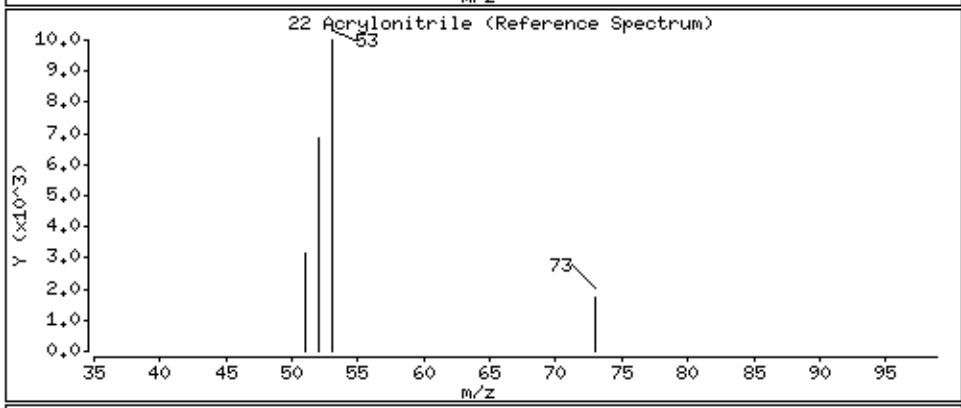
Concentration: 212 ppb

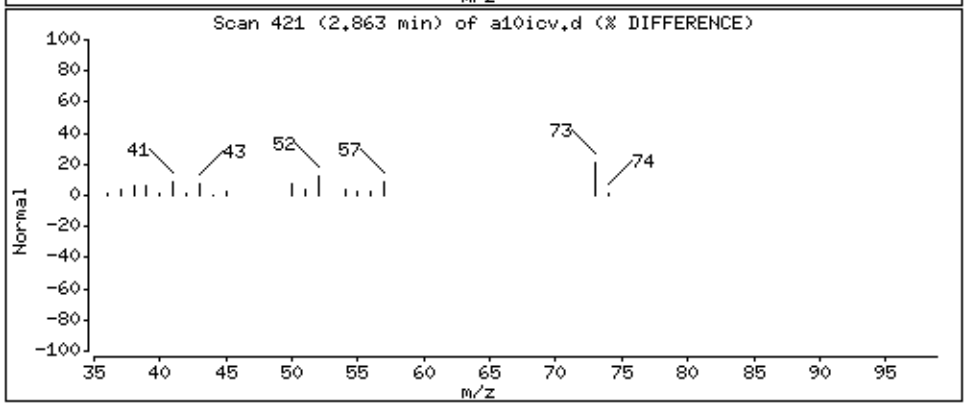












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

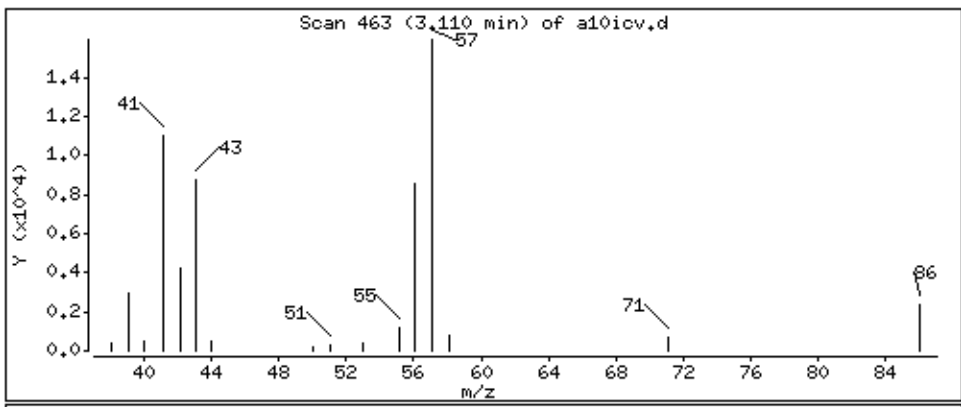
Operator: rsw

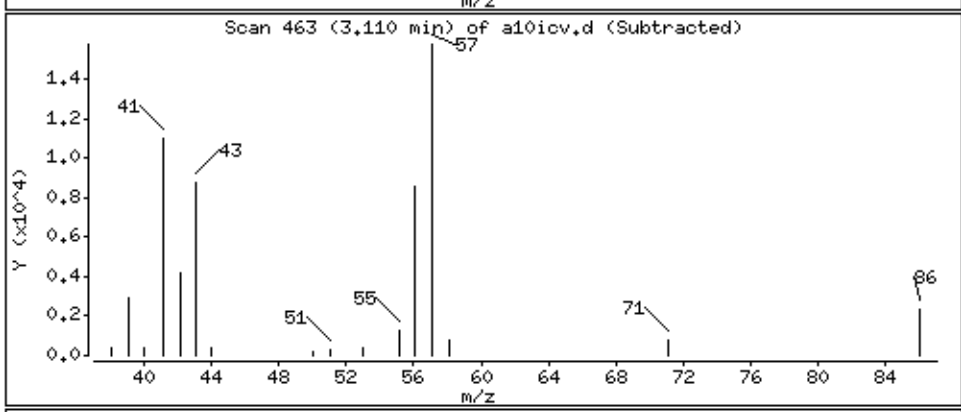
Column phase: DB-624

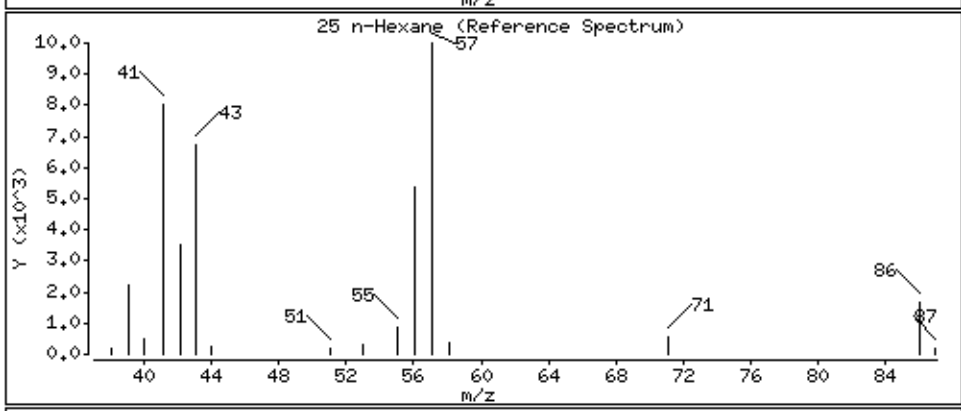
Column diameter: 0.18

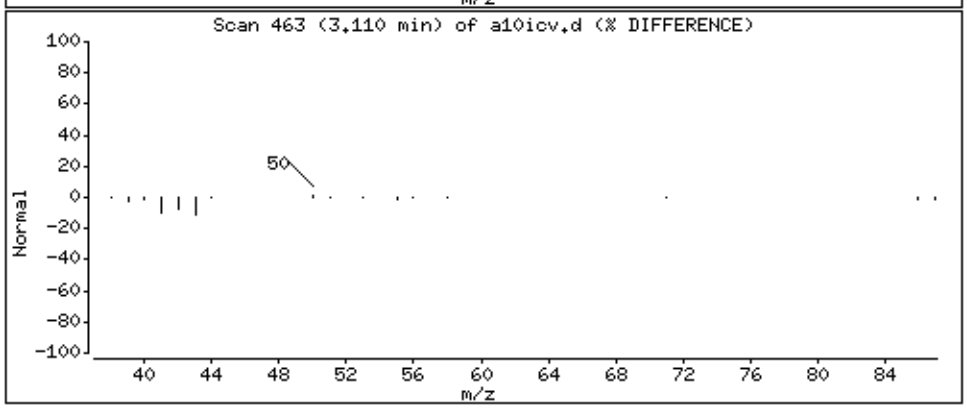
25 n-Hexane

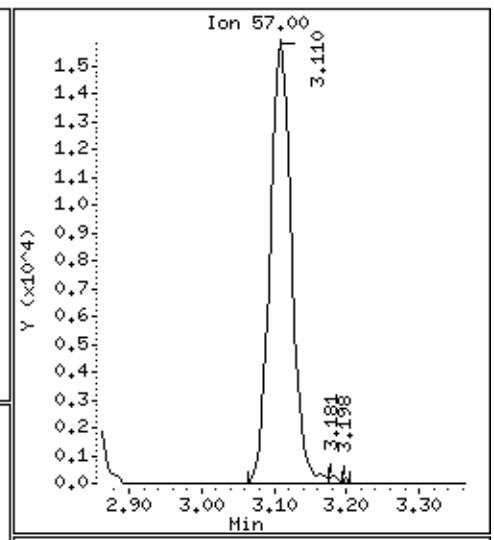
Concentration: 53.6 ppb

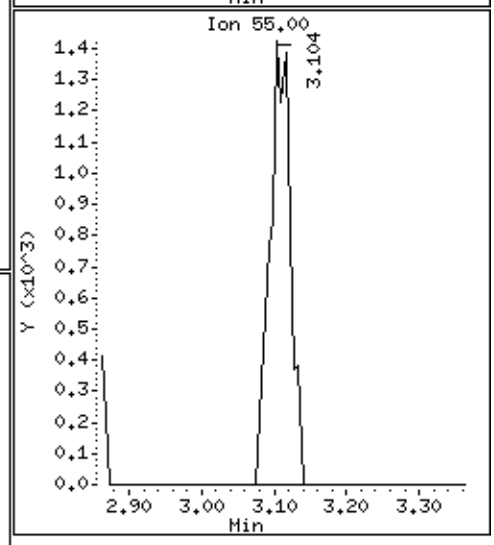












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

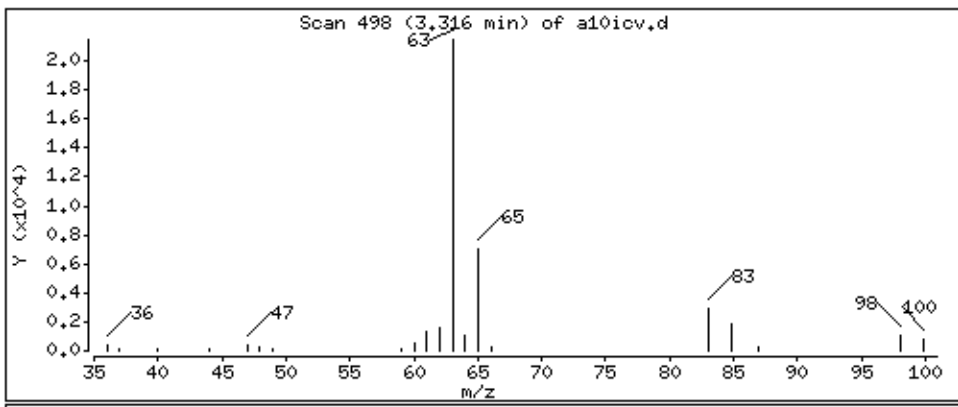
Operator: rsw

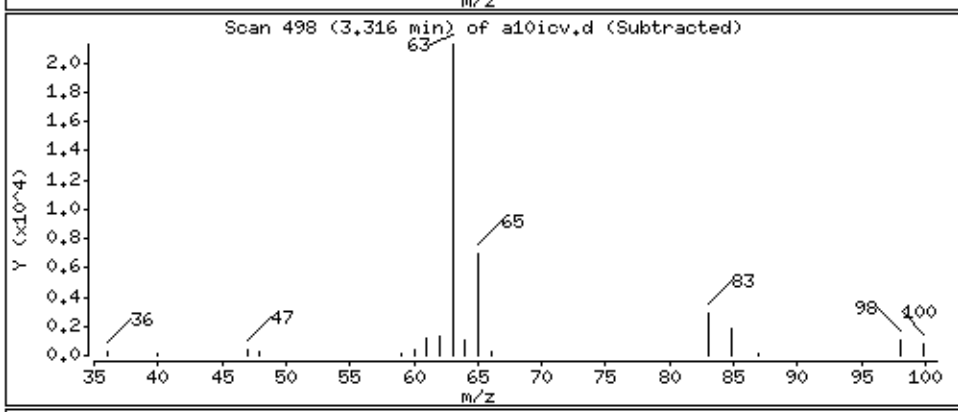
Column phase: DB-624

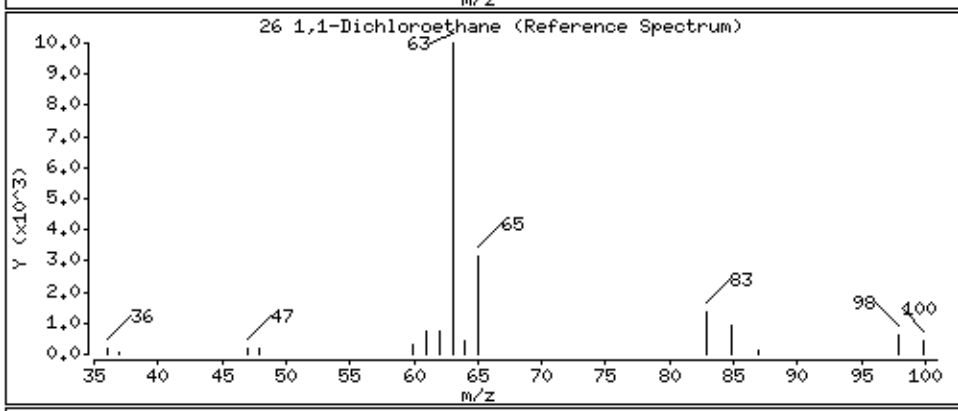
Column diameter: 0.18

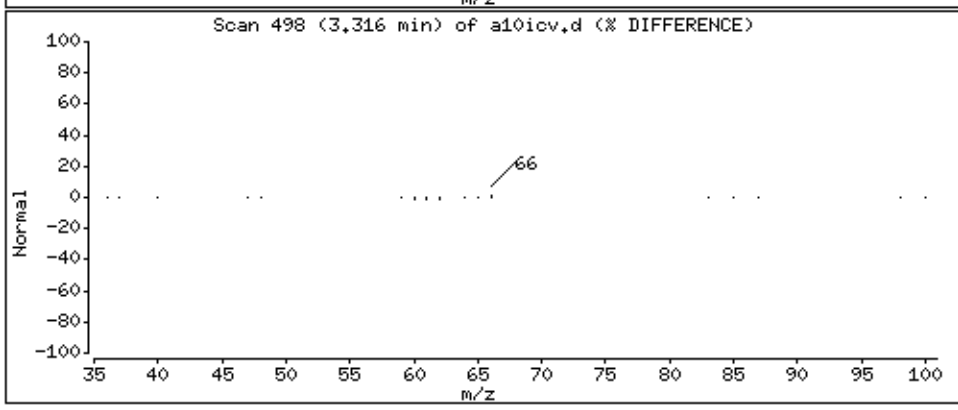
26 1,1-Dichloroethane

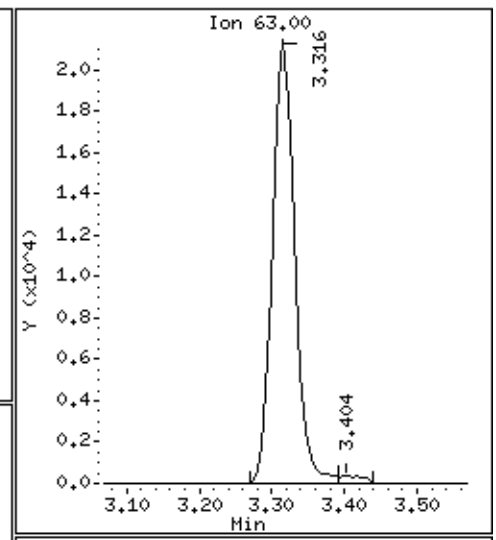
Concentration: 59.7 ppb

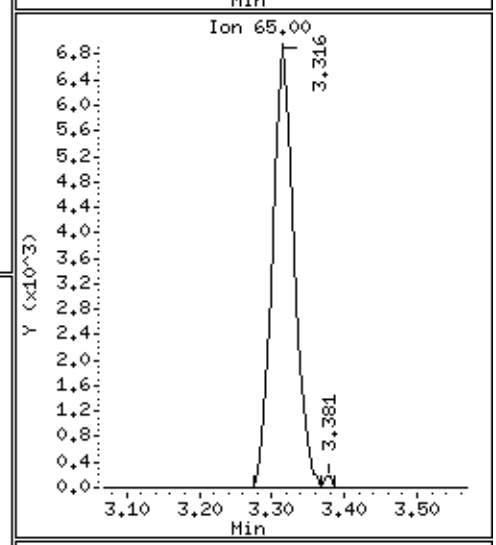


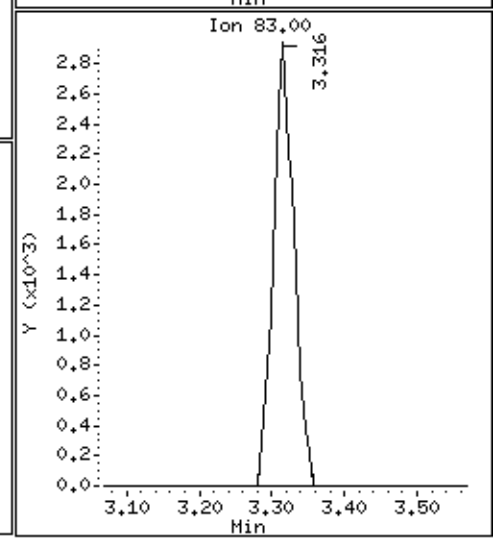












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

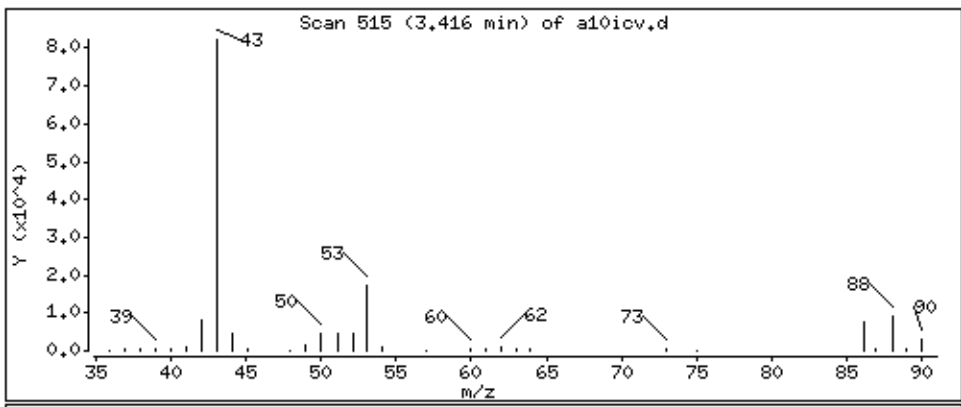
Operator: rsw

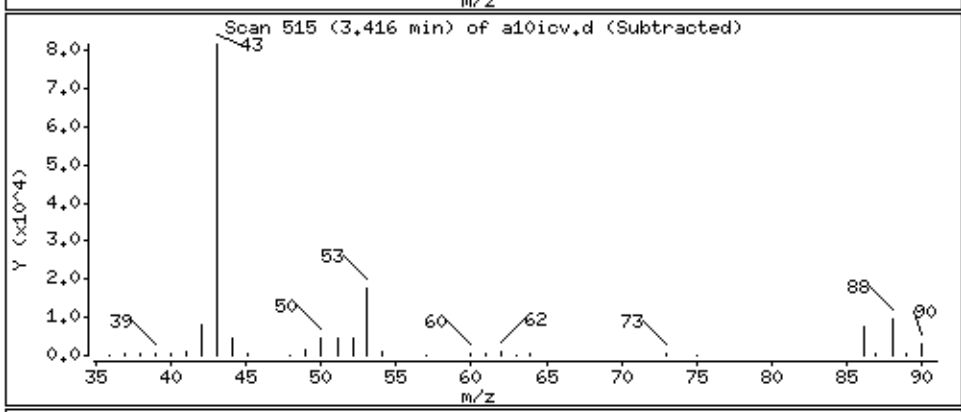
Column phase: DB-624

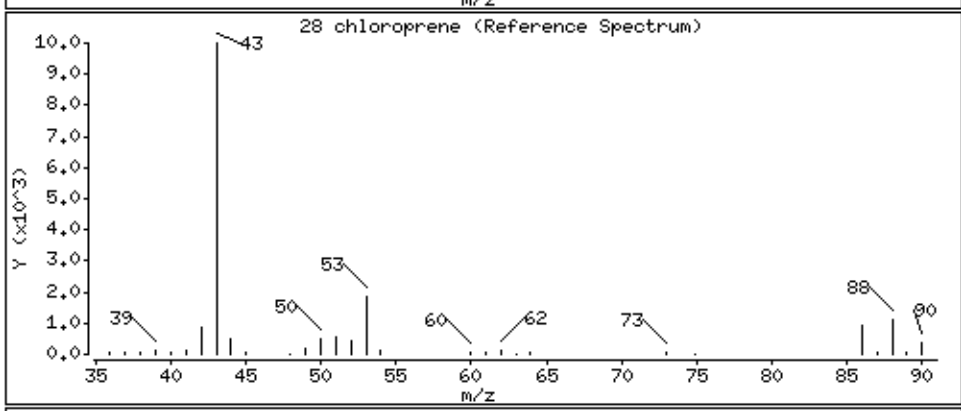
Column diameter: 0.18

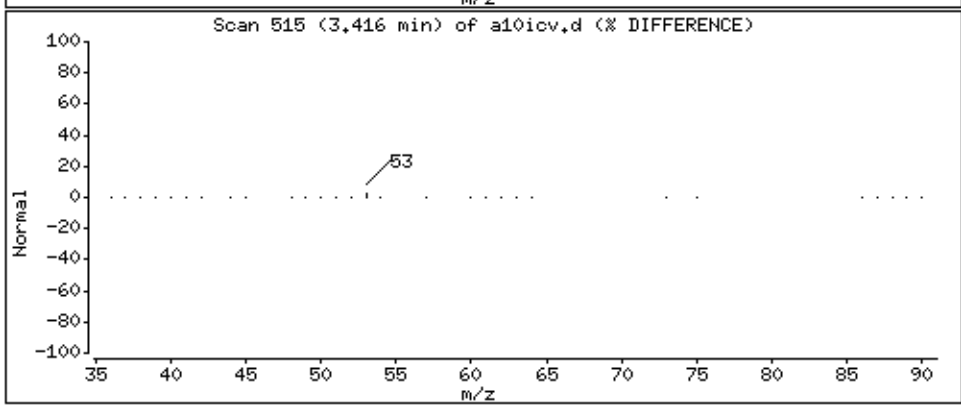
28 chloroprene

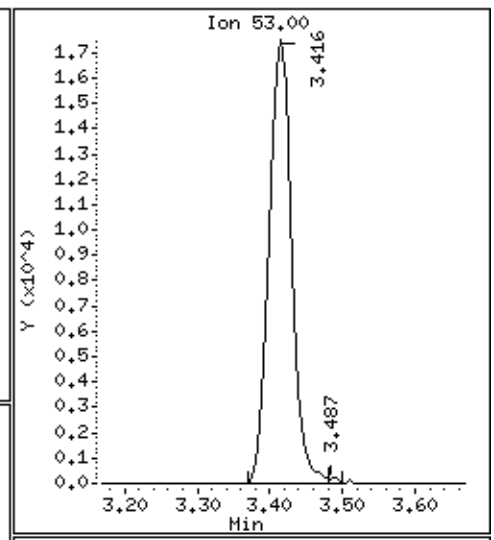
Concentration: 57.6 ppb

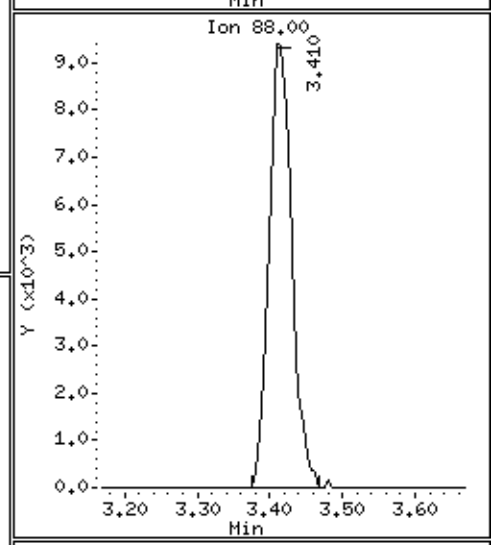


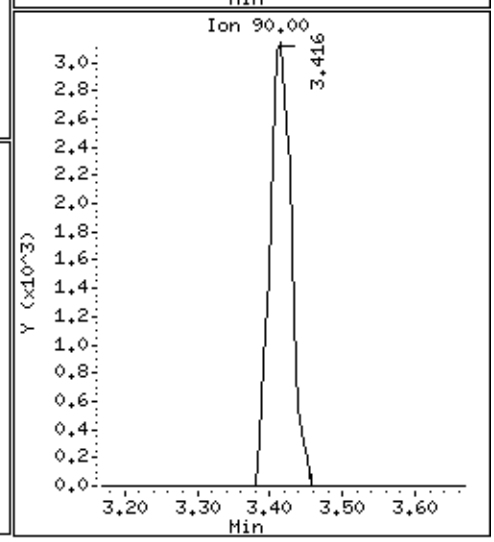












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

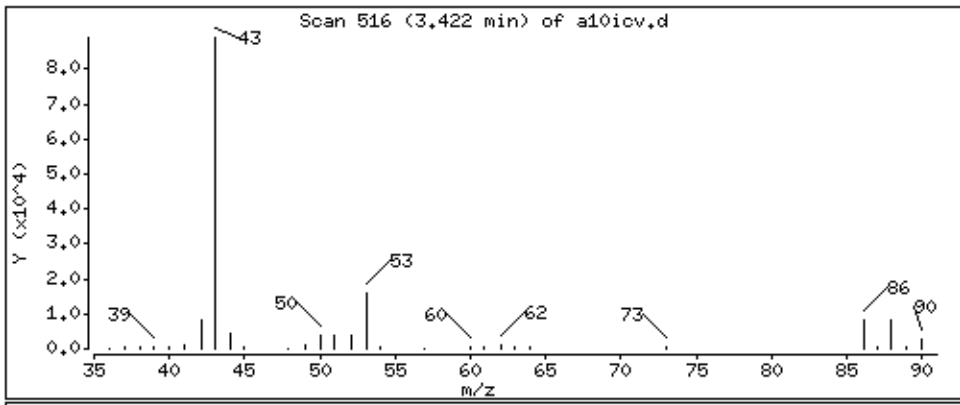
Operator: rsw

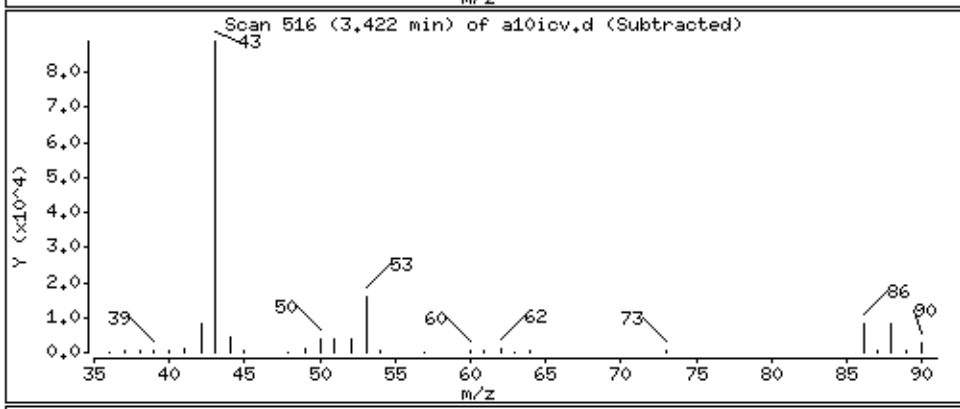
Column phase: DB-624

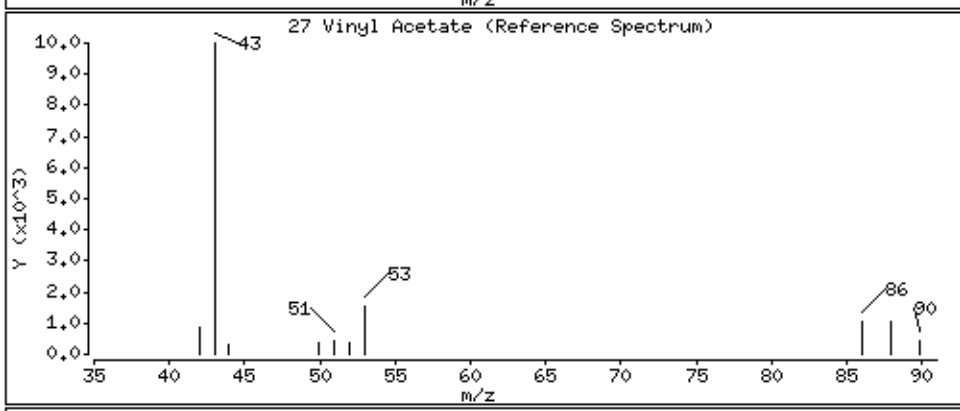
Column diameter: 0.18

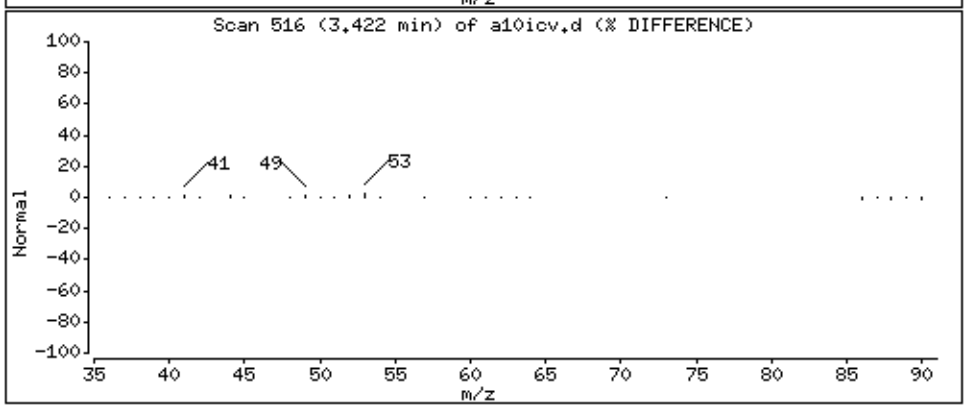
27 Vinyl Acetate

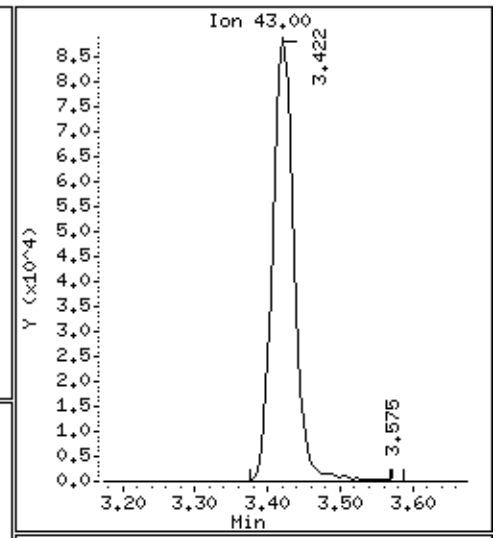
Concentration: 214 ppb

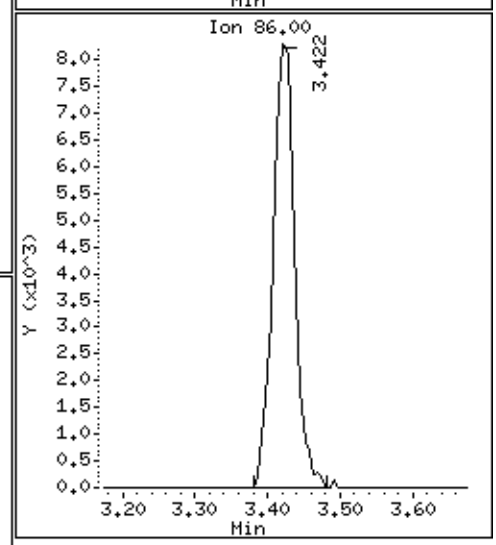












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

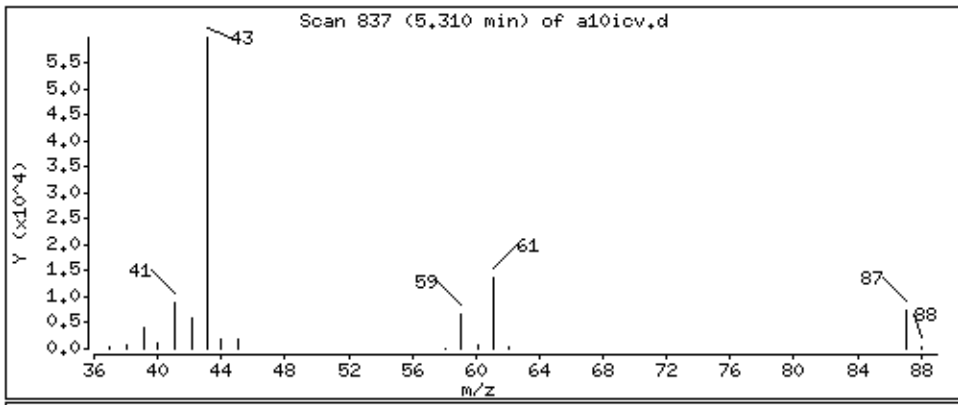
Operator: rsw

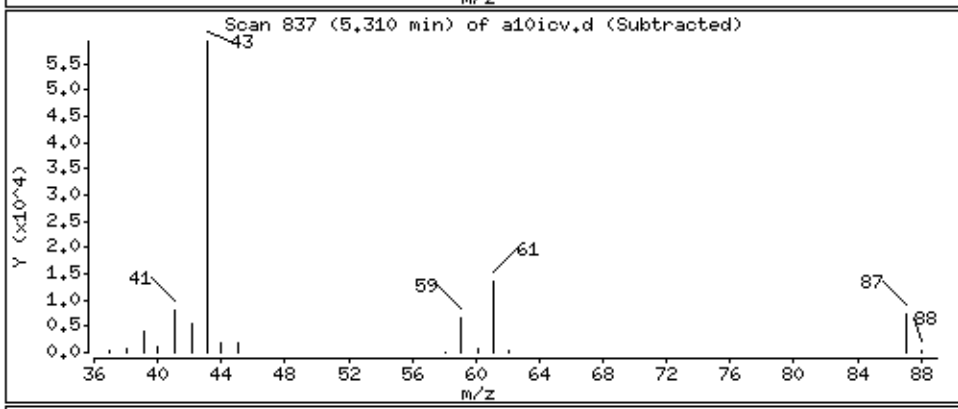
Column phase: DB-624

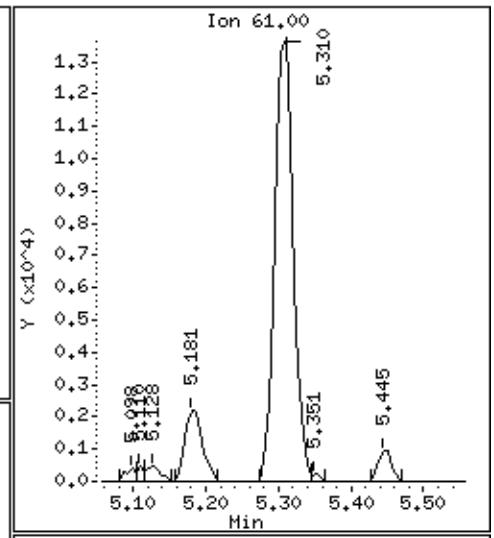
Column diameter: 0.18

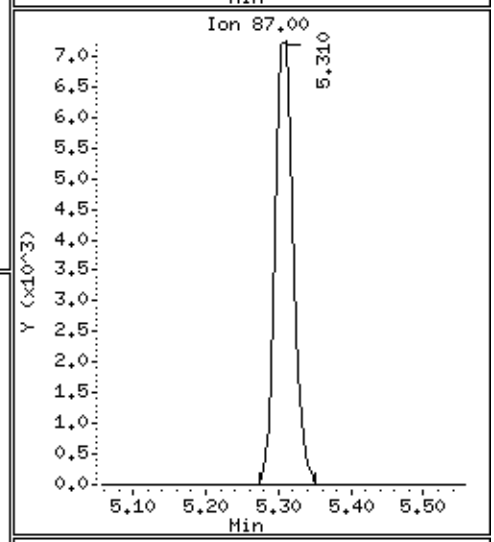
7 isopropyl acetate

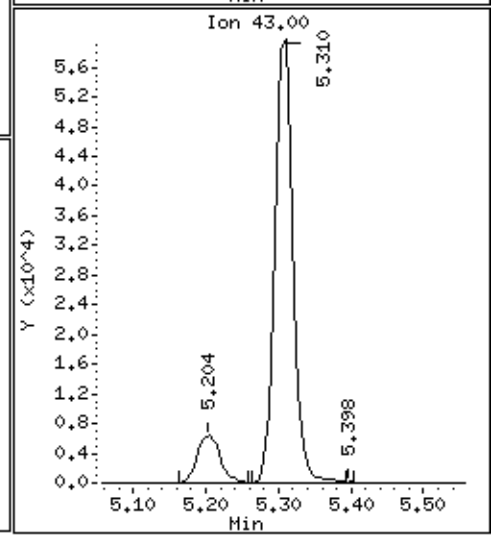
Concentration: 135 ppb











Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

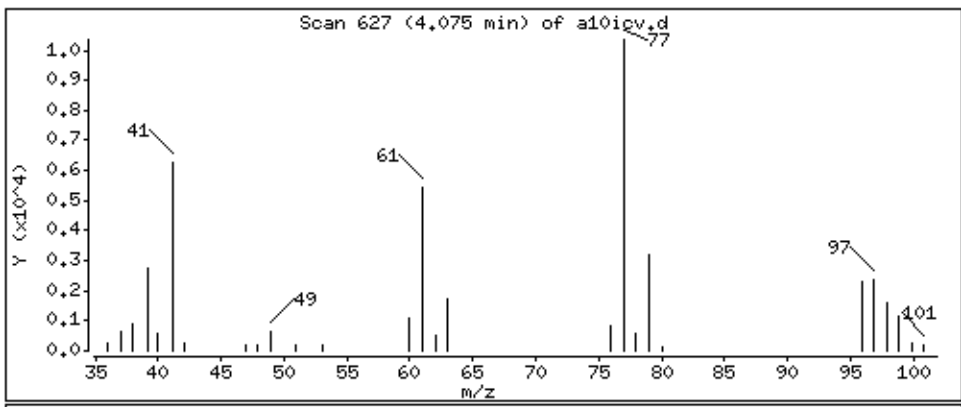
Operator: rsw

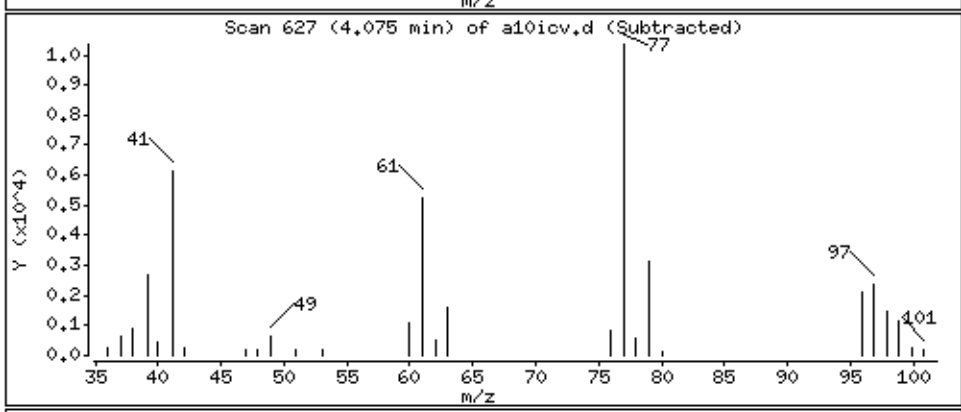
Column phase: DB-624

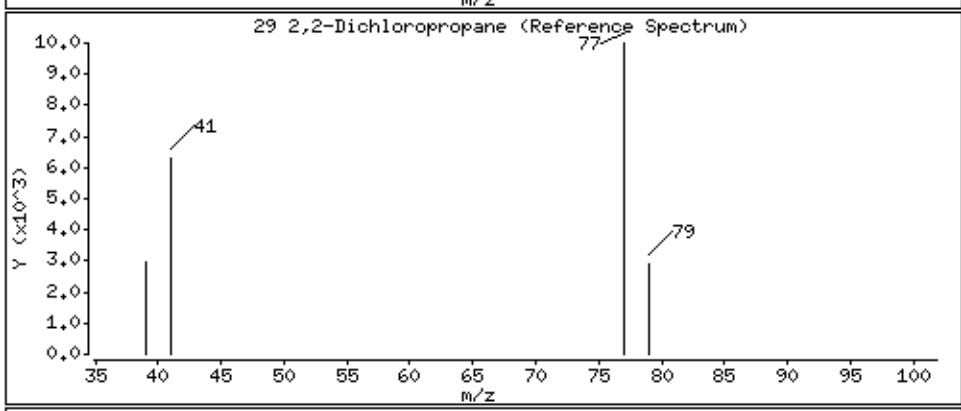
Column diameter: 0.18

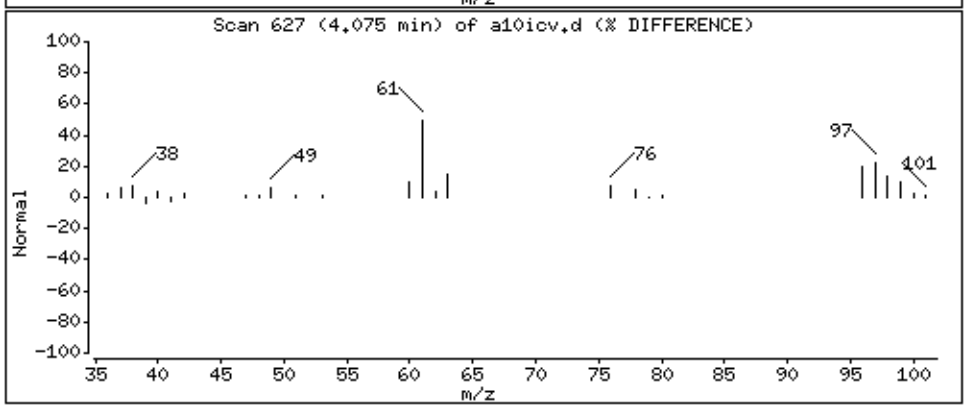
29 2,2-Dichloropropane

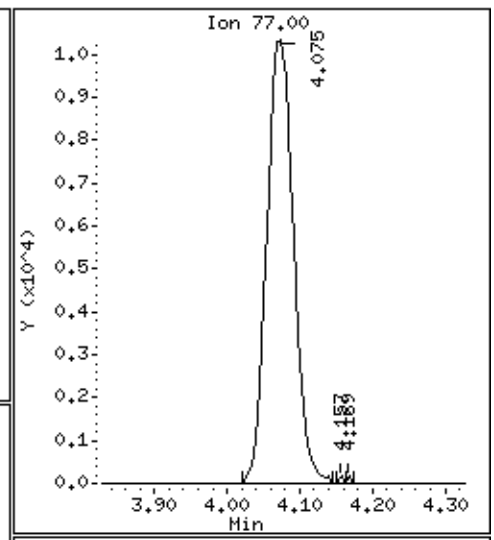
Concentration: 55.4 ppb

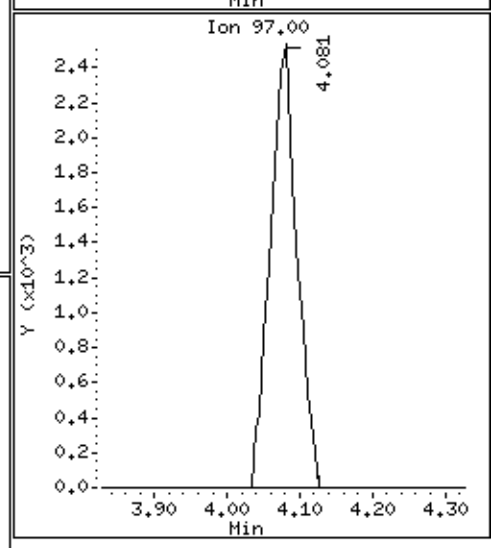












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

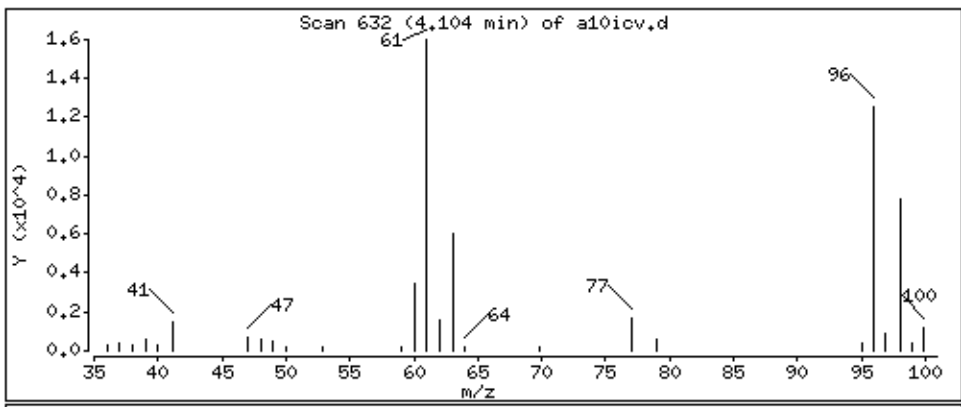
Operator: rsw

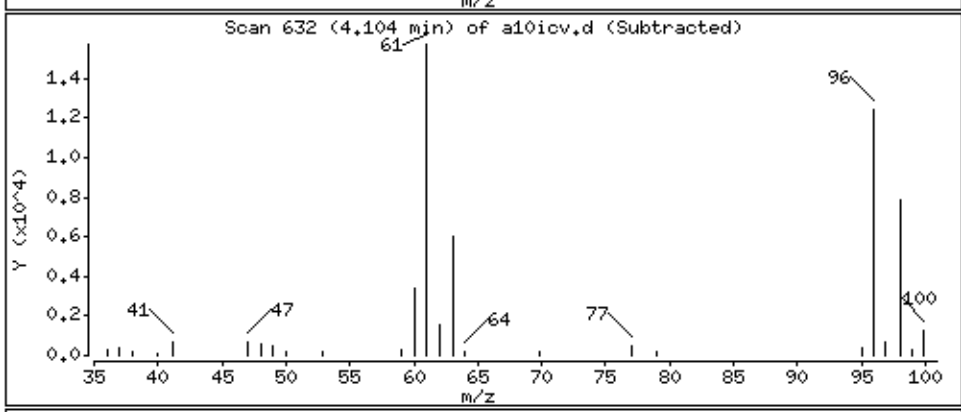
Column phase: DB-624

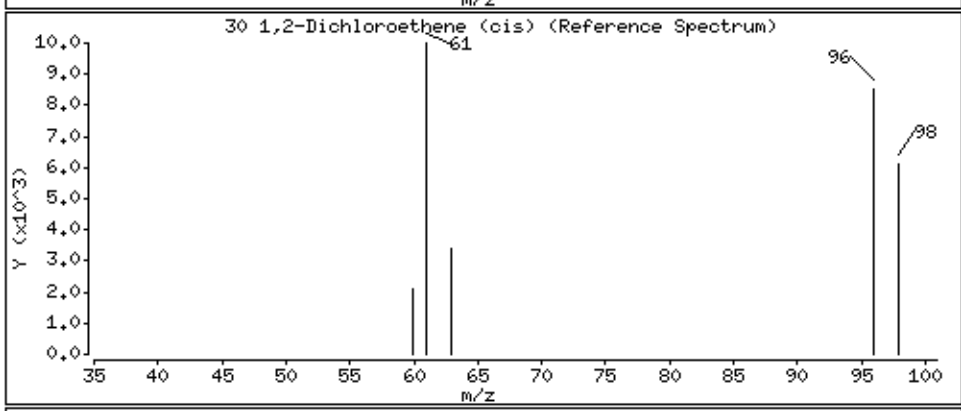
Column diameter: 0.18

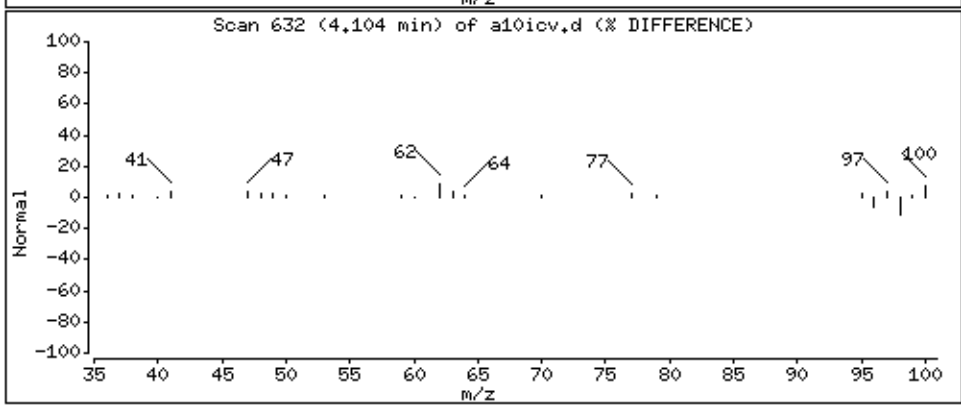
30 1,2-Dichloroethene (cis)

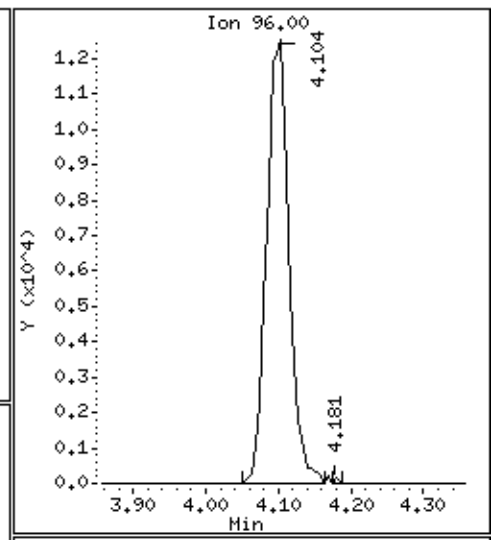
Concentration: 54.0 ppb

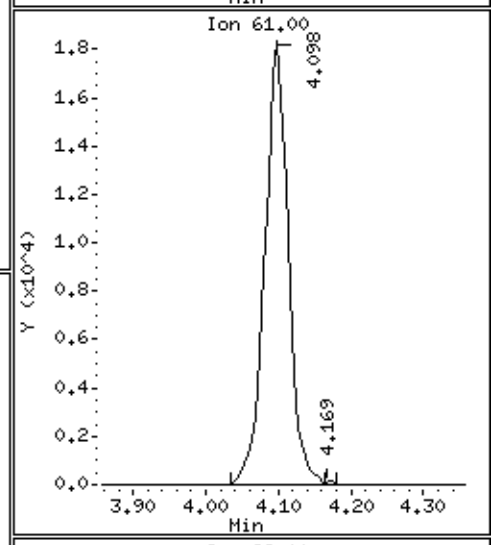


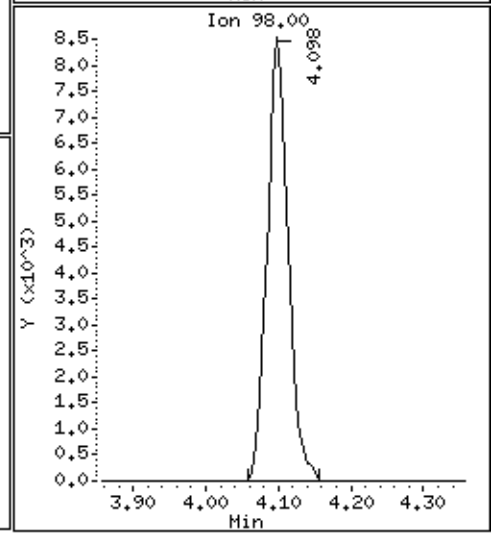












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

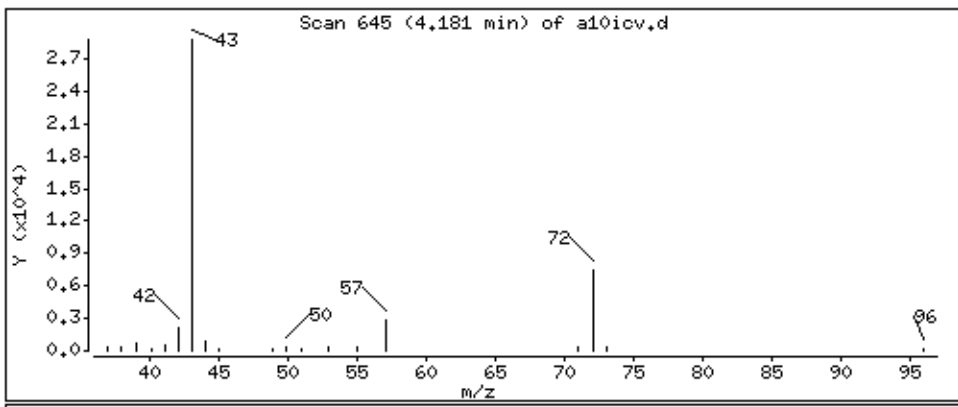
Operator: rsw

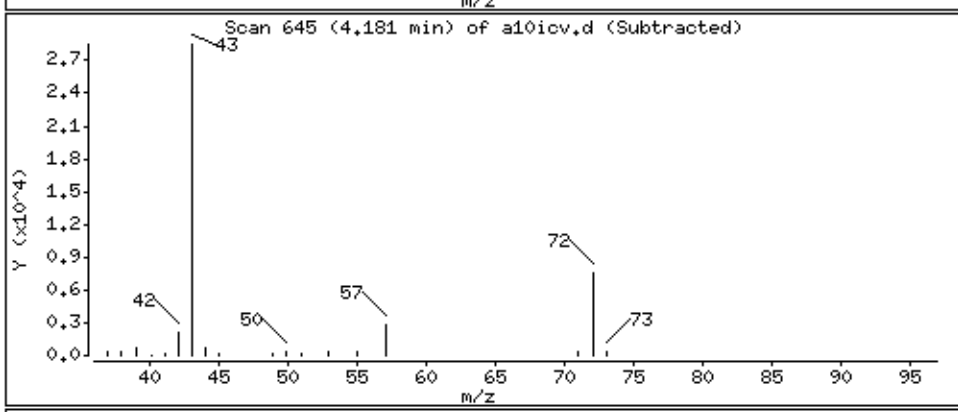
Column phase: DB-624

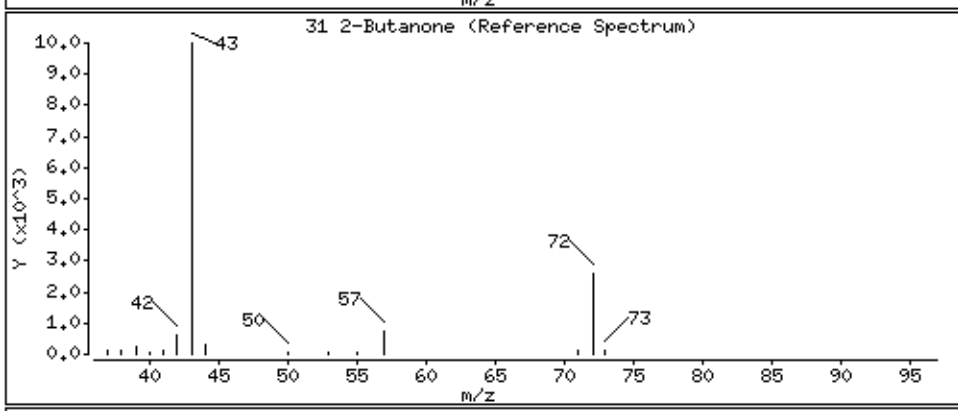
Column diameter: 0.18

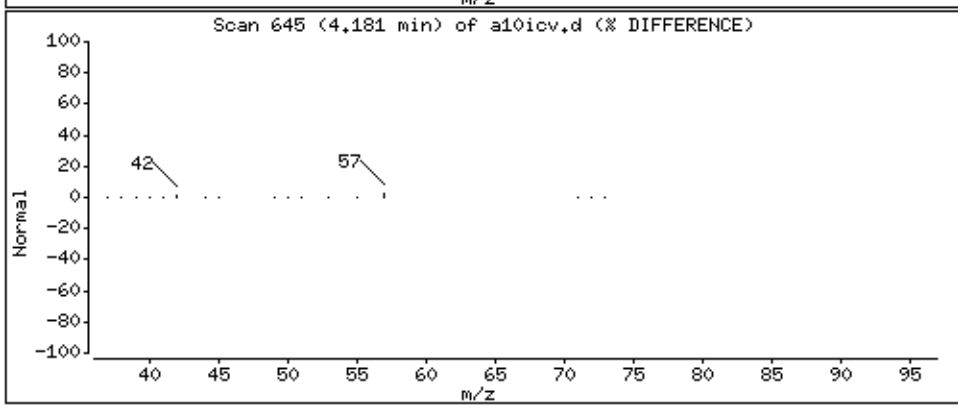
31 2-Butanone

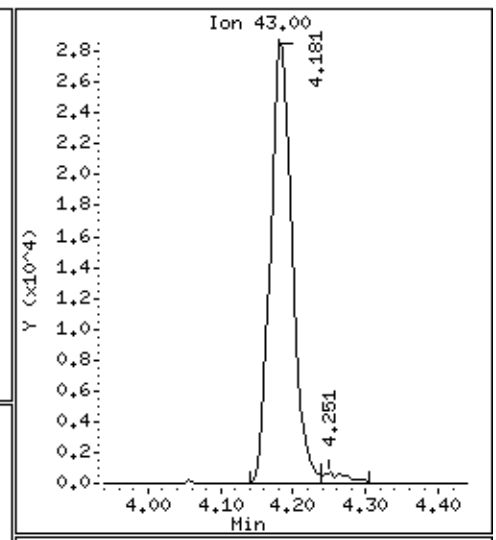
Concentration: 334 ppb

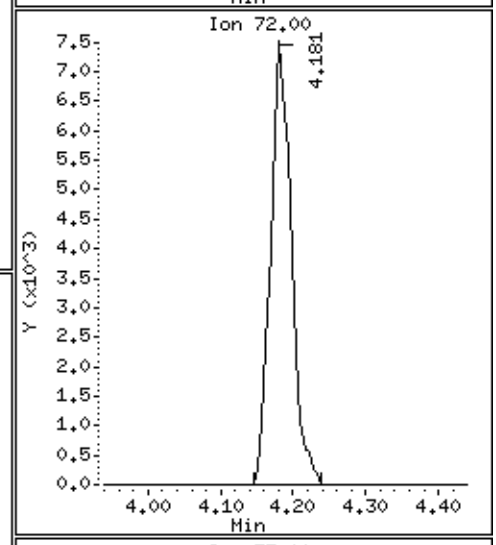


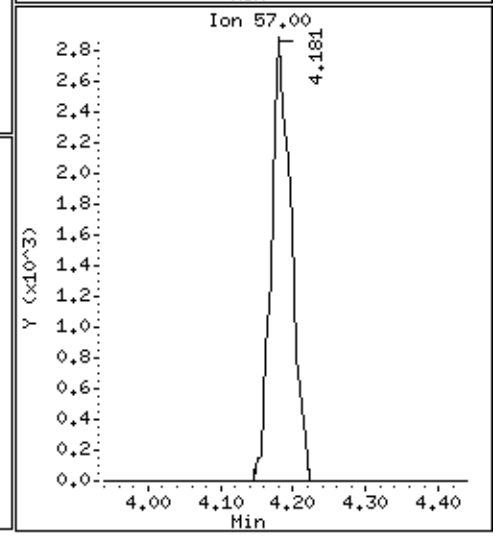












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Page 35

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

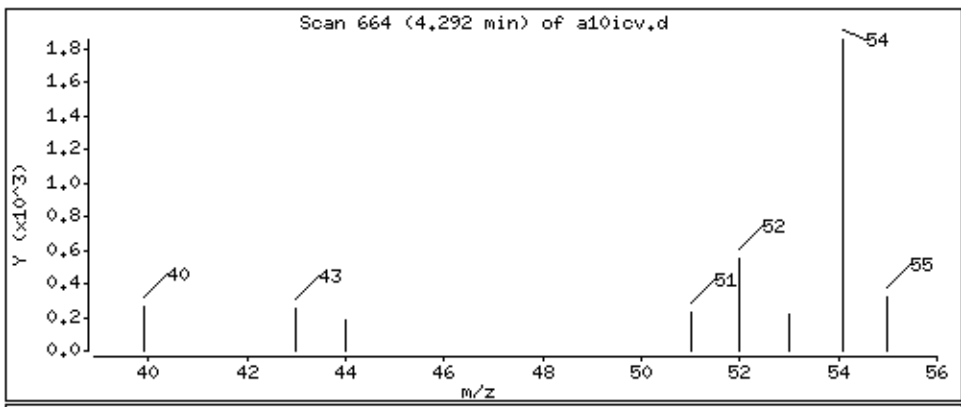
Operator: rsw

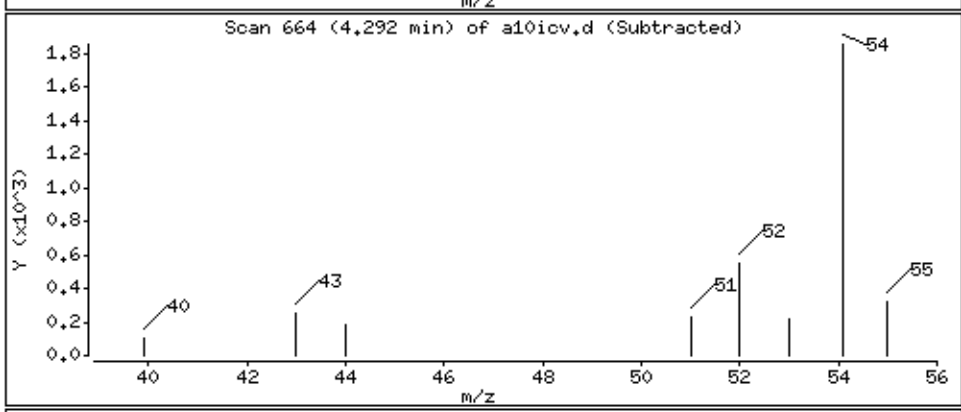
Column phase: DB-624

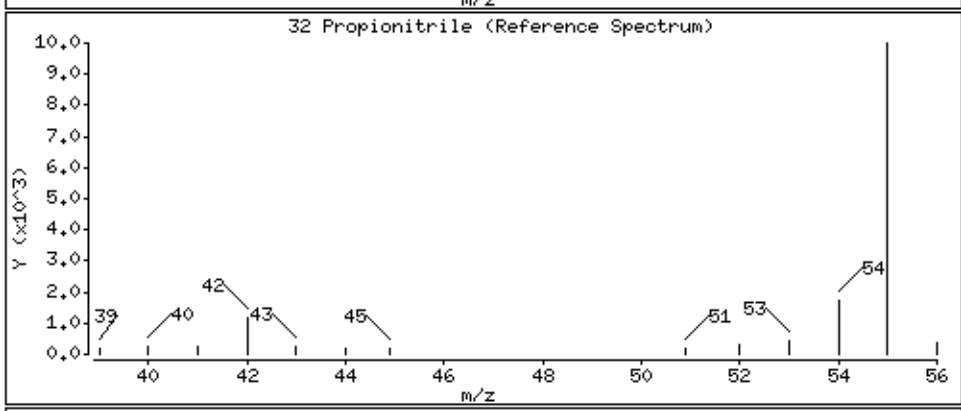
Column diameter: 0.18

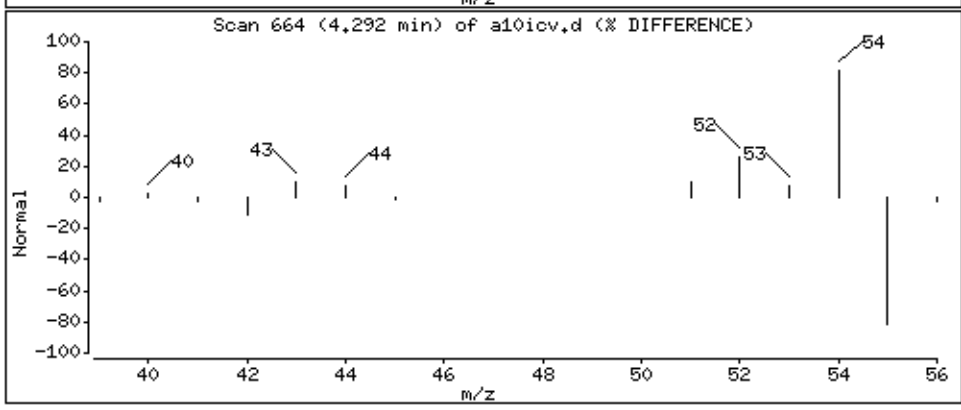
32 Propionitrile

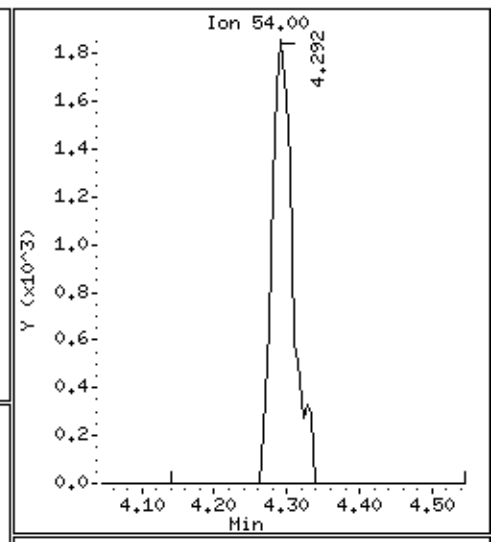
Concentration: 45.8 ppb

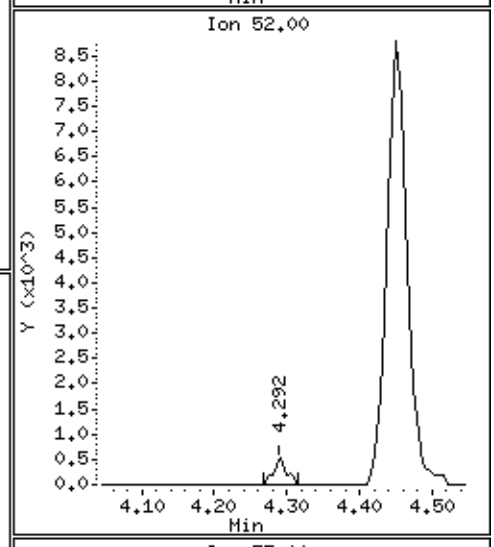


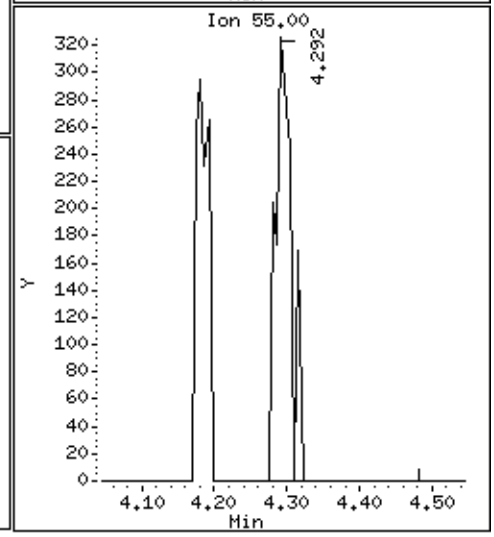












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

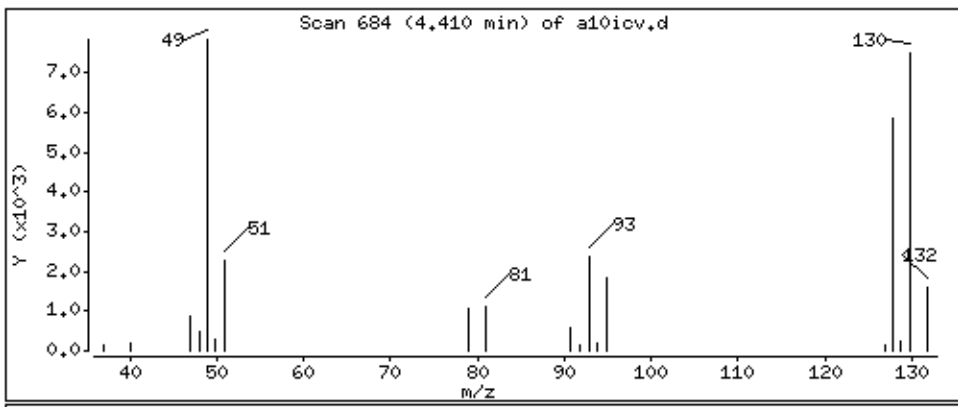
Operator: rsw

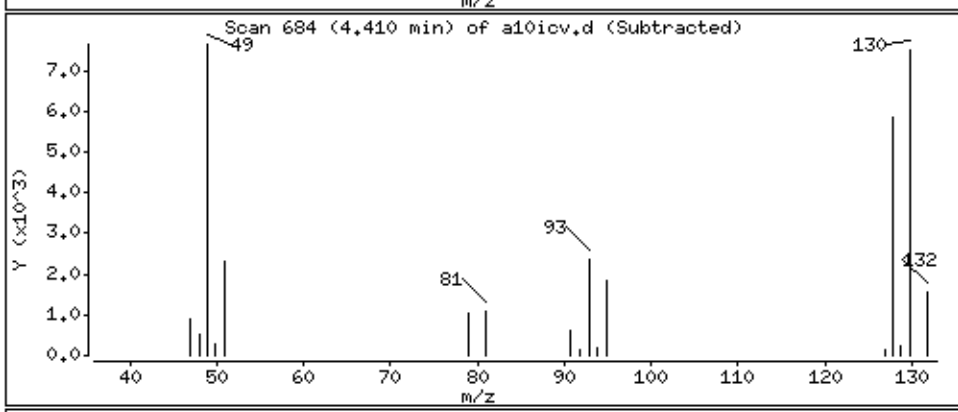
Column phase: DB-624

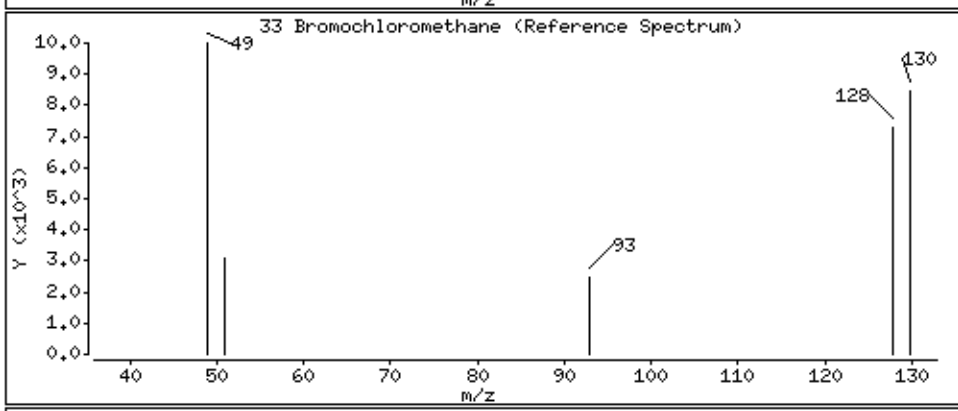
Column diameter: 0.18

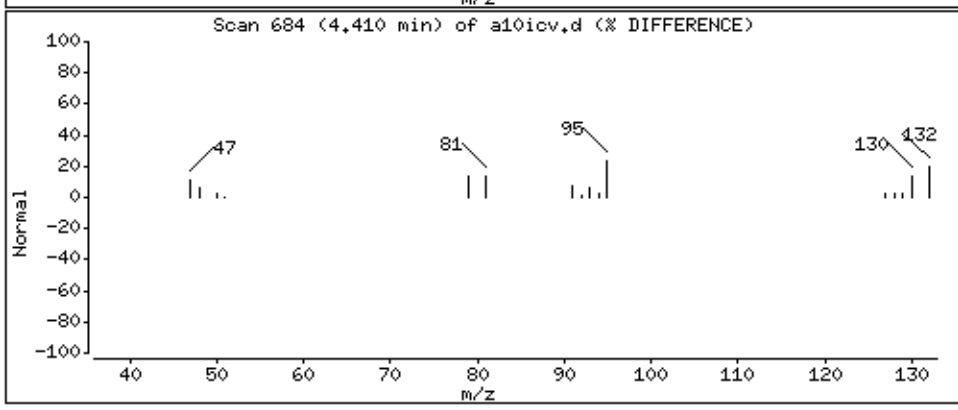
33 Bromochloromethane

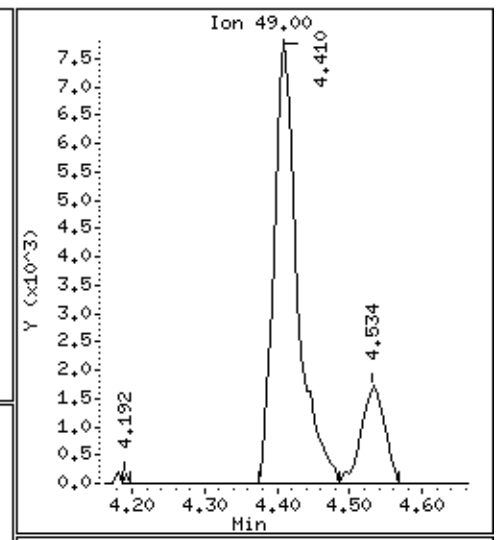
Concentration: 51.6 ppb

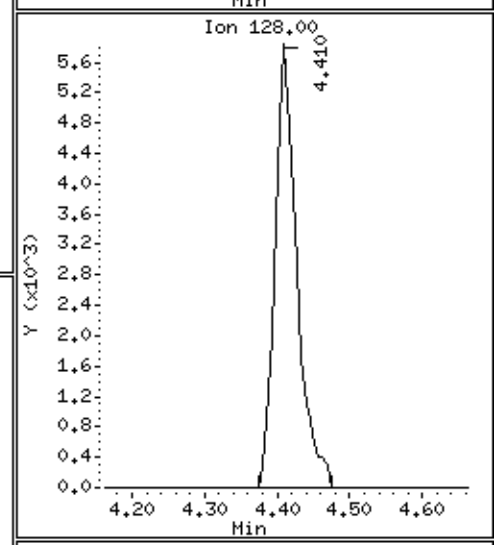


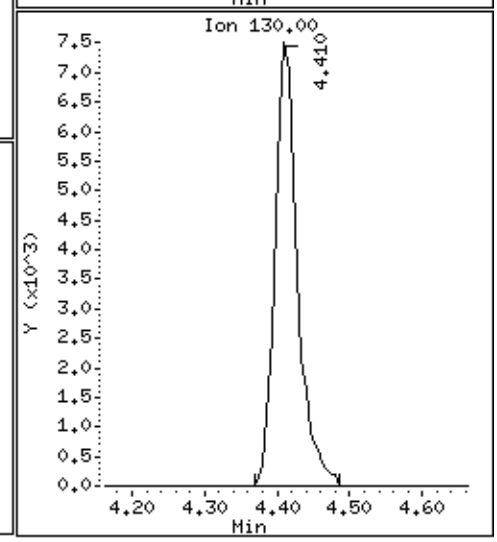












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

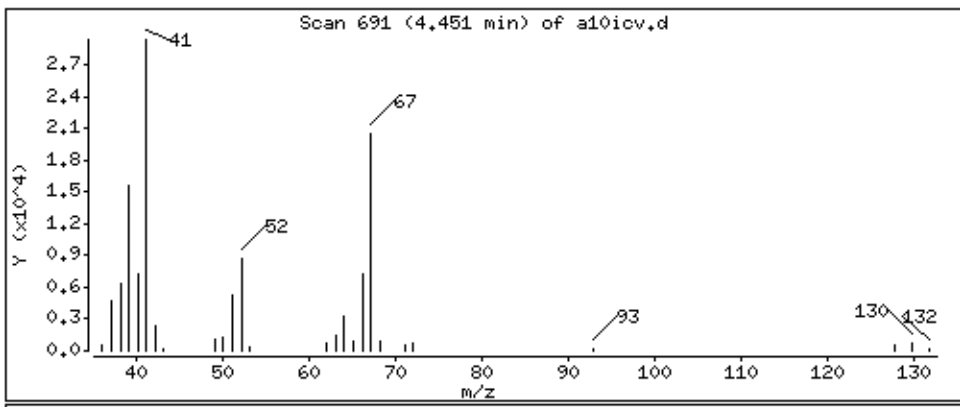
Operator: rsw

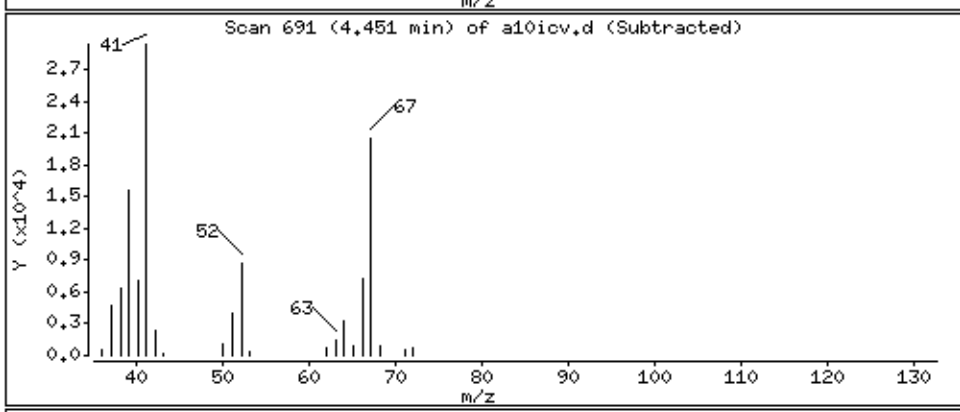
Column phase: DB-624

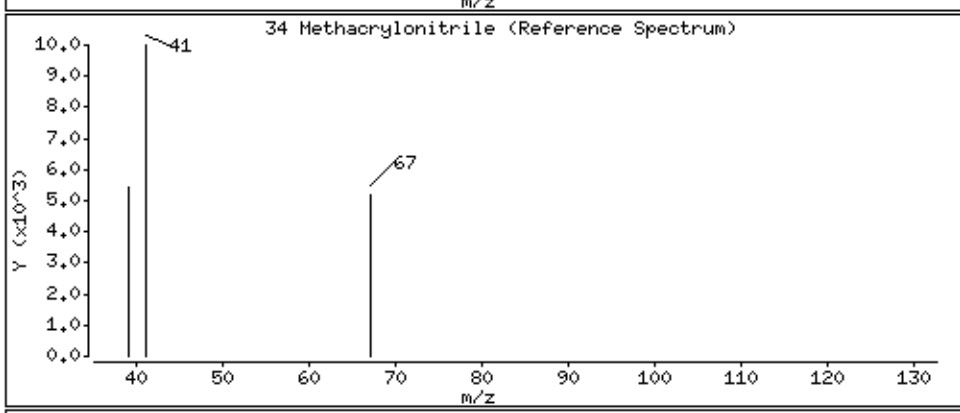
Column diameter: 0.18

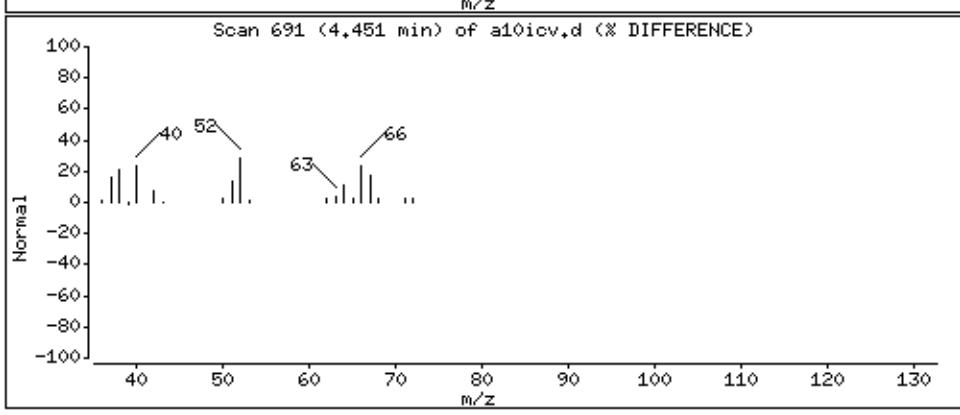
34 Methacrylonitrile

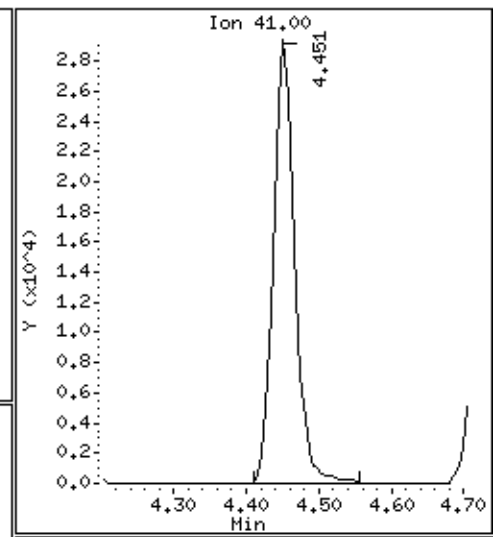
Concentration: 177 ppb

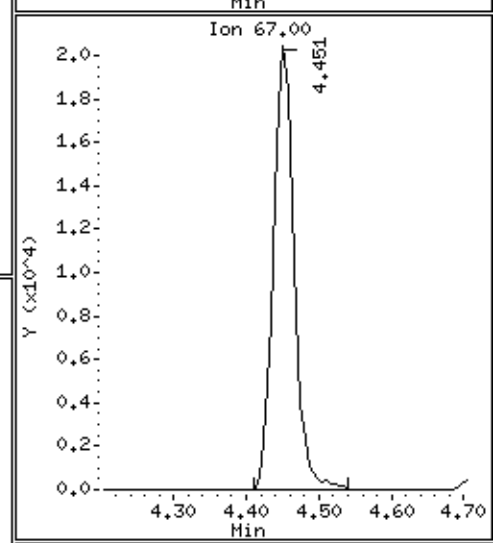


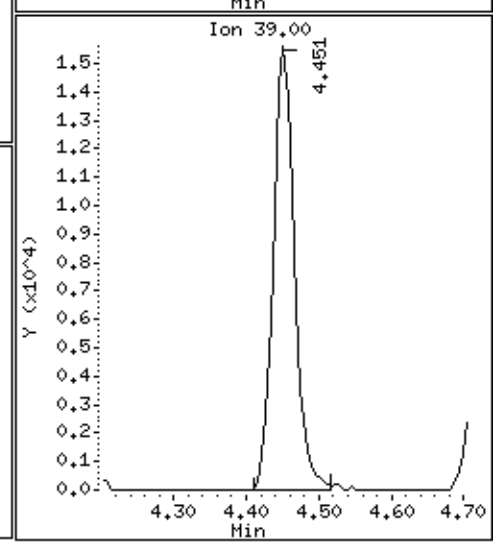












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

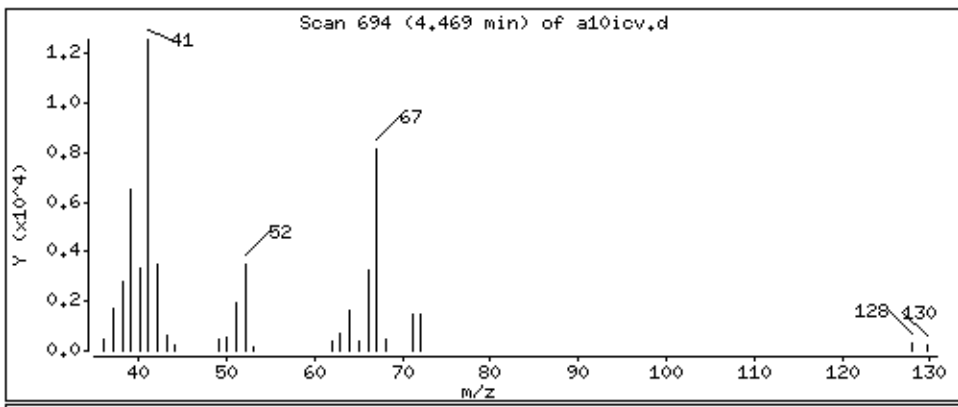
Operator: rsw

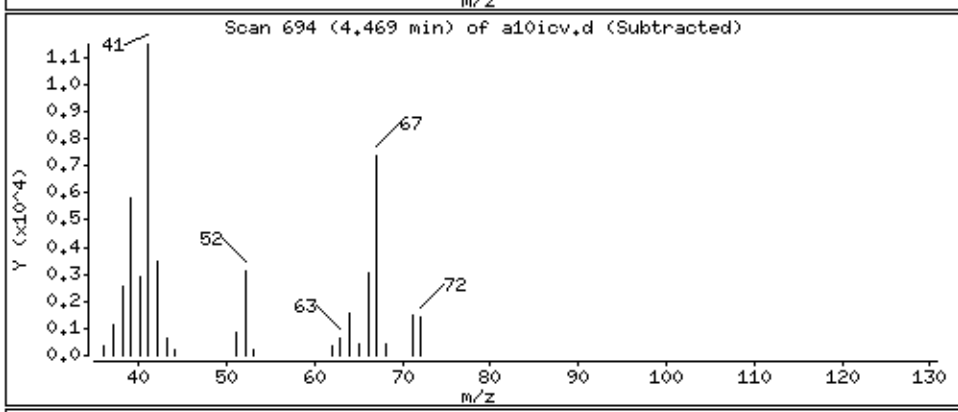
Column phase: DB-624

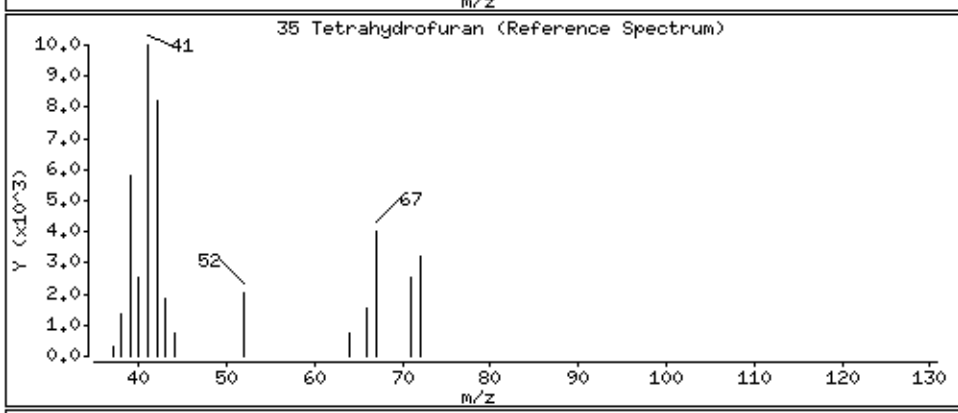
Column diameter: 0.18

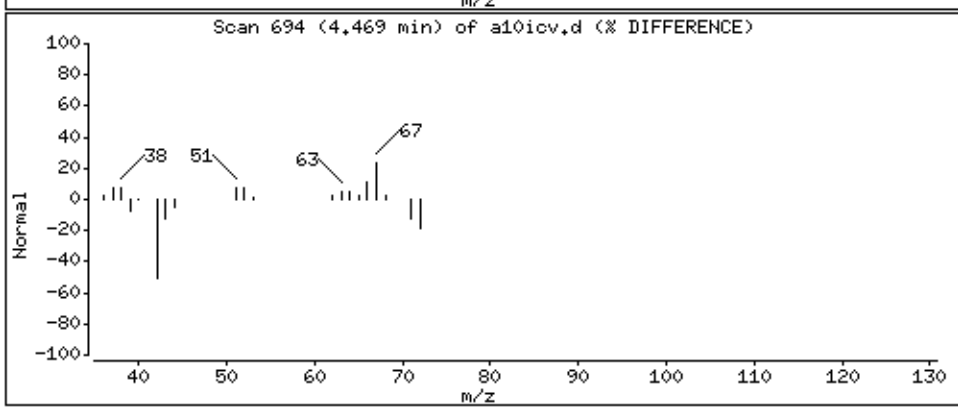
35 Tetrahydrofuran

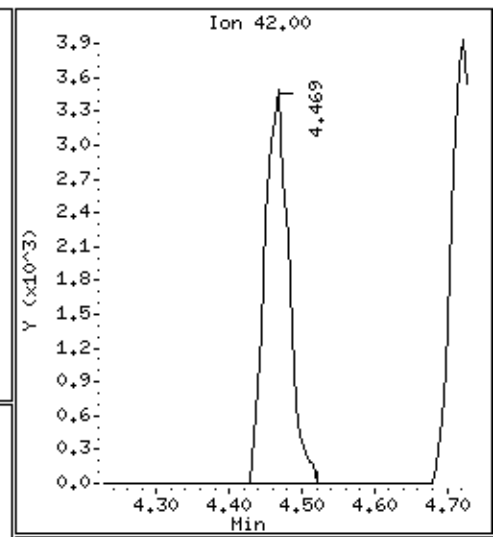
Concentration: 59.3 ppb

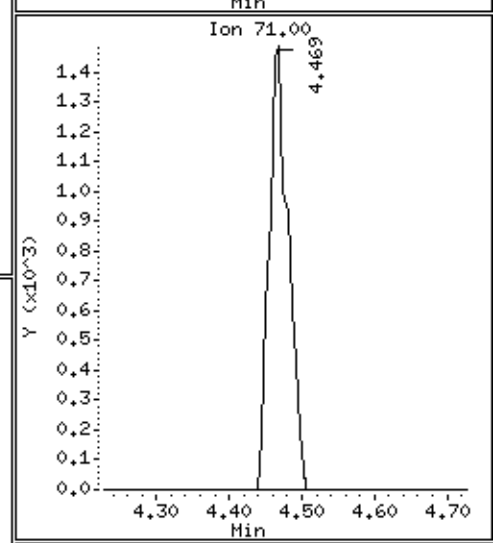


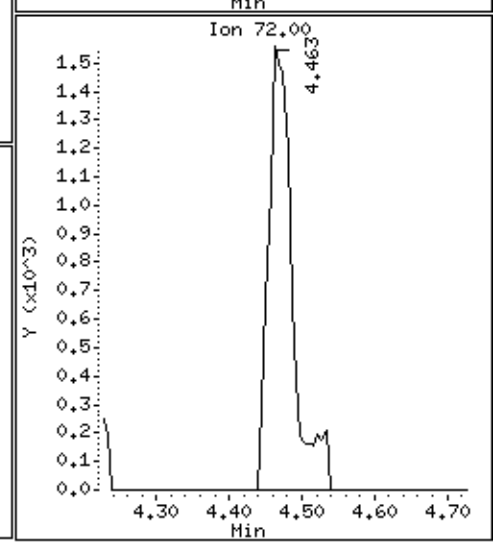












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

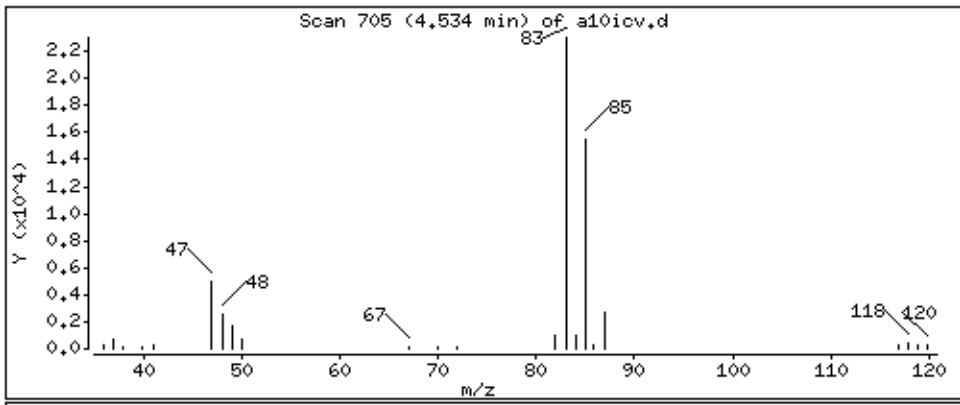
Operator: rsw

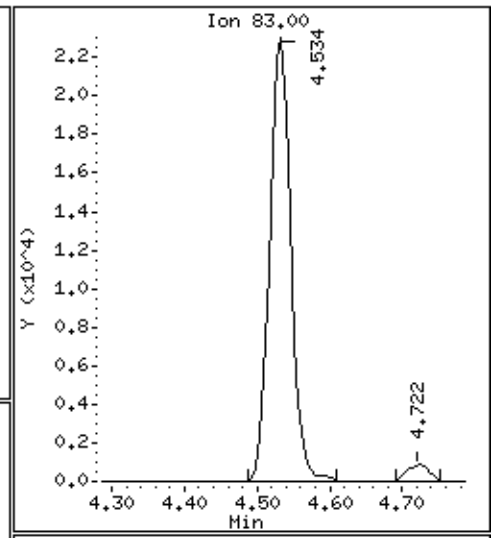
Column phase: DB-624

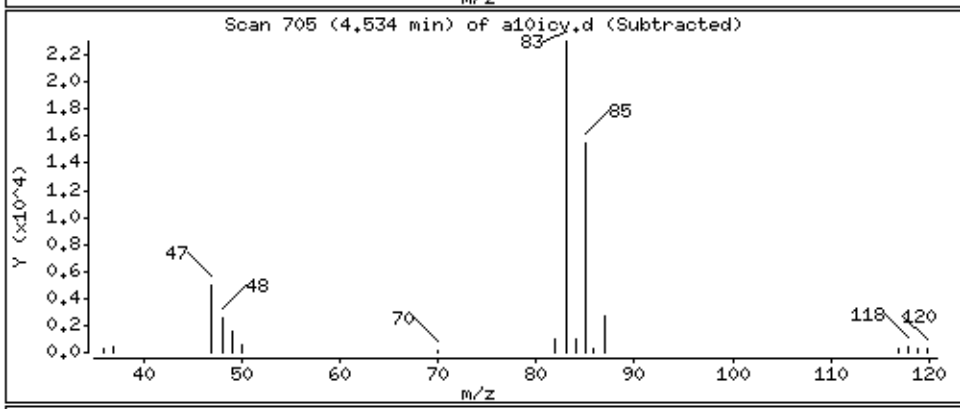
Column diameter: 0.18

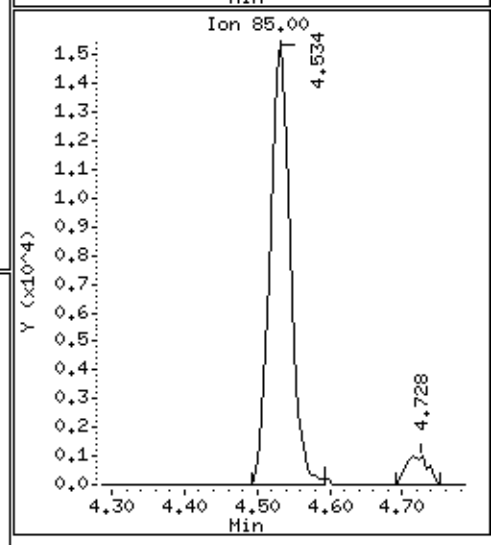
36 Chloroform

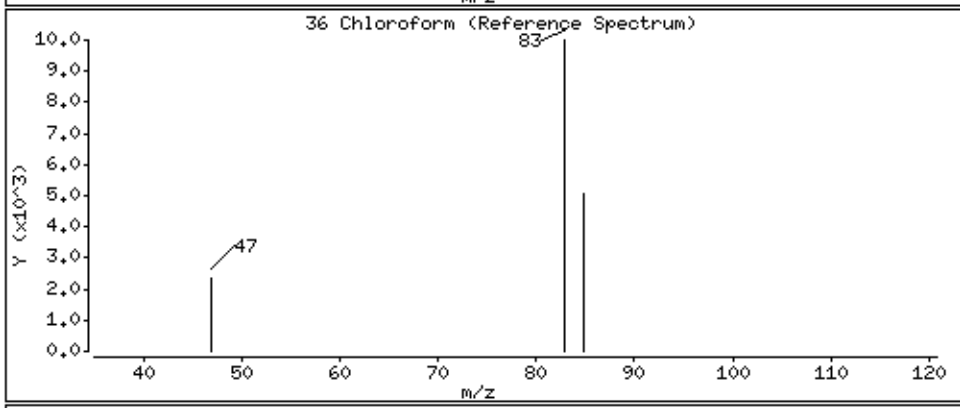
Concentration: 56.4 ppb

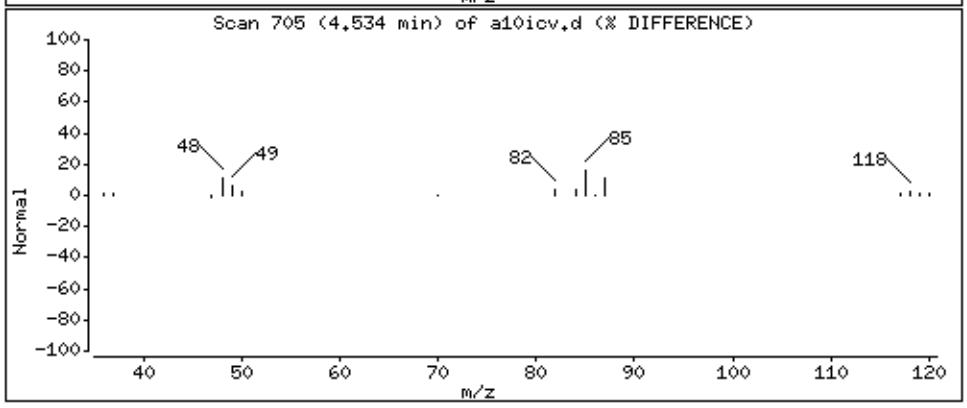












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

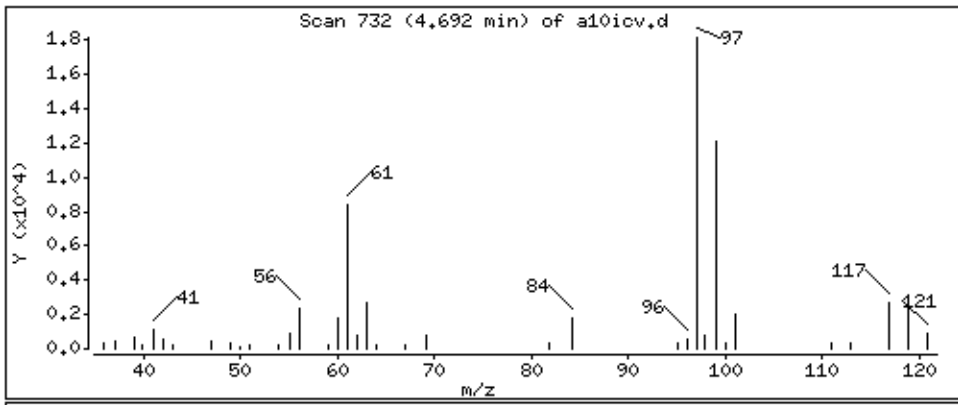
Operator: rsw

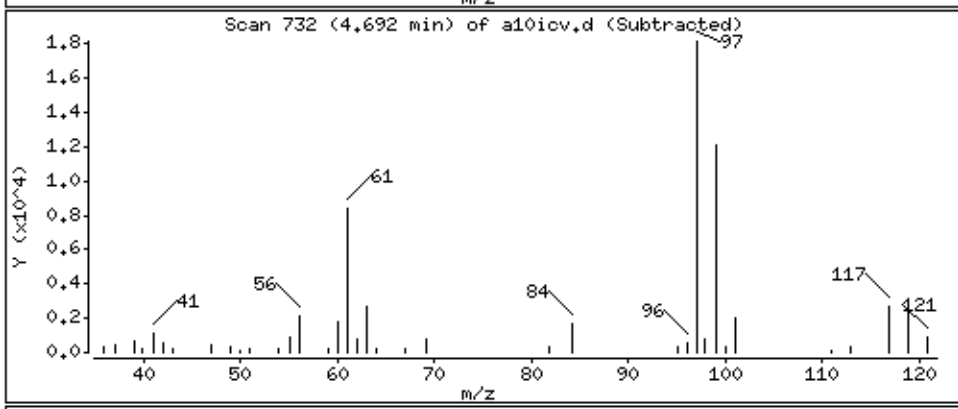
Column phase: DB-624

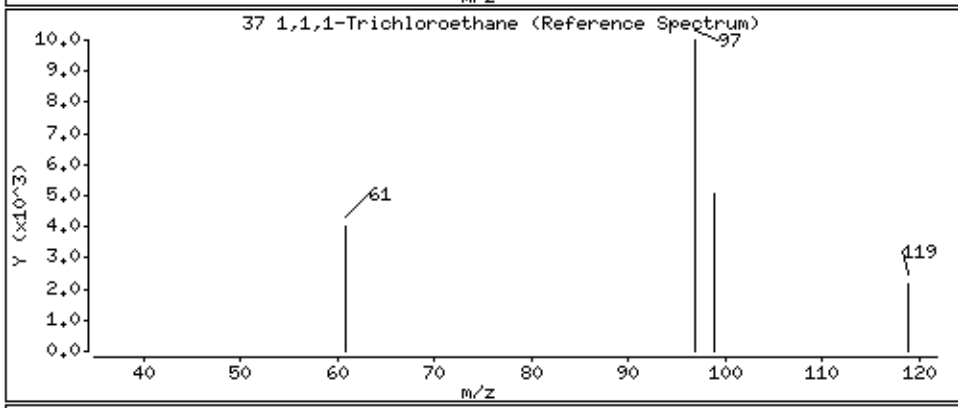
Column diameter: 0.18

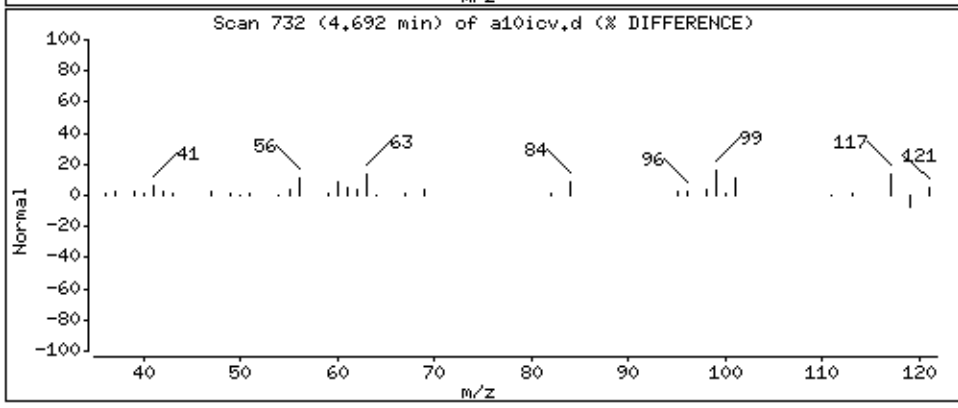
37 1,1,1-Trichloroethane

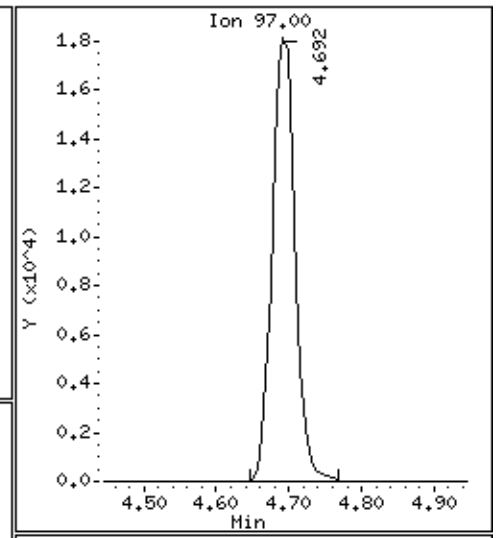
Concentration: 57.8 ppb

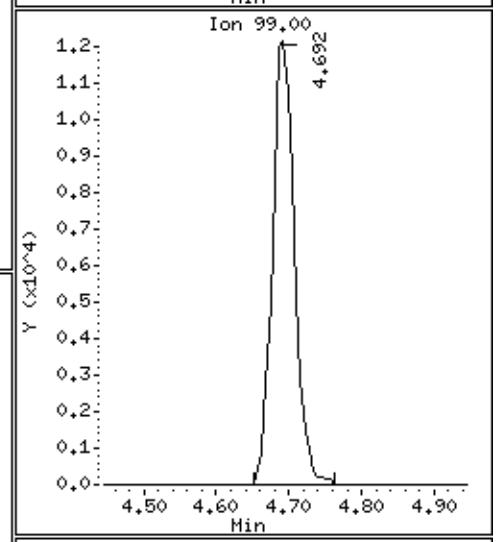


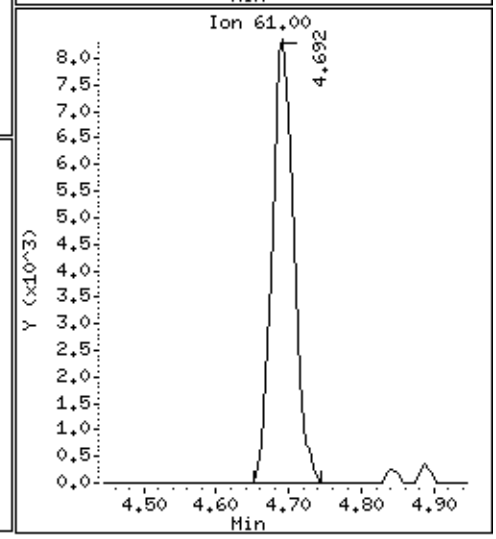












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

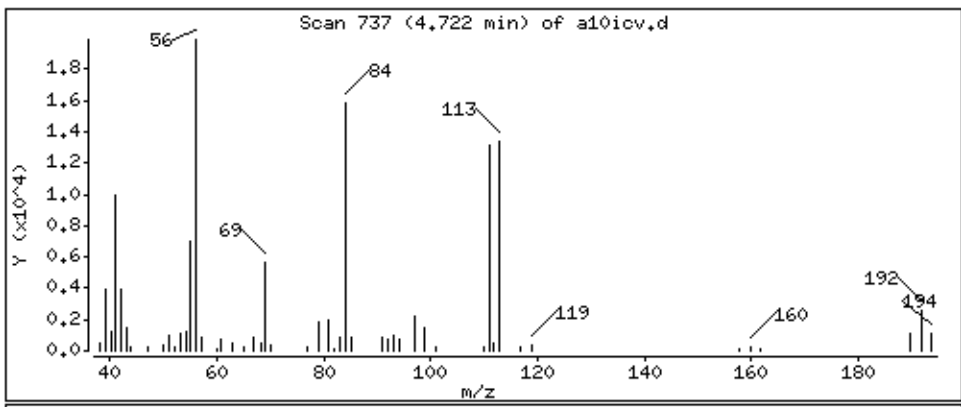
Operator: rsw

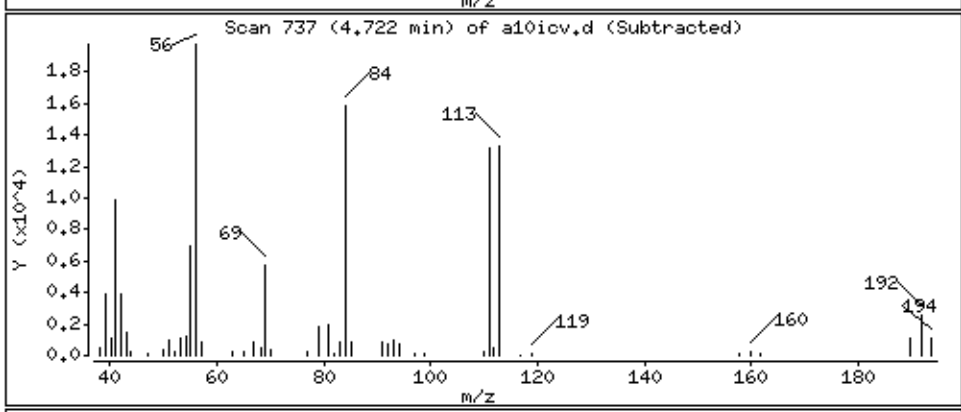
Column phase: DB-624

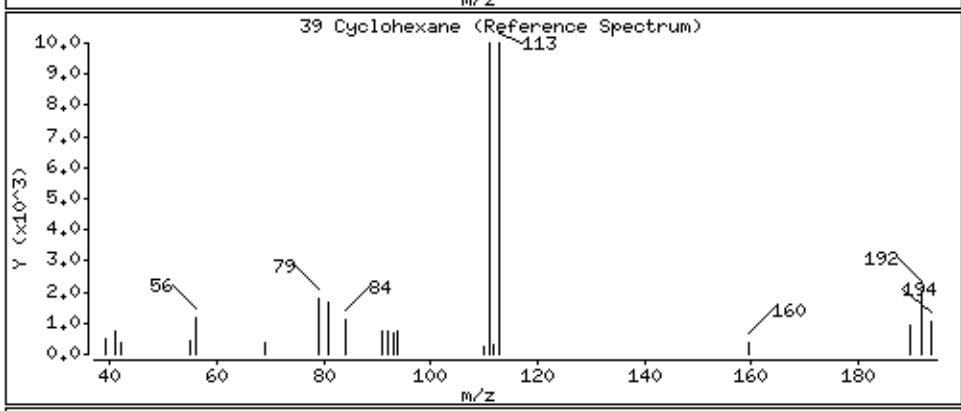
Column diameter: 0.18

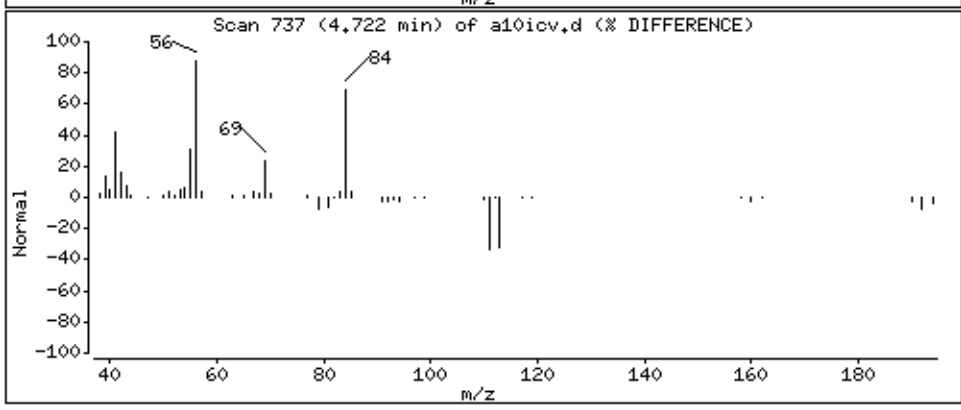
39 Cyclohexane

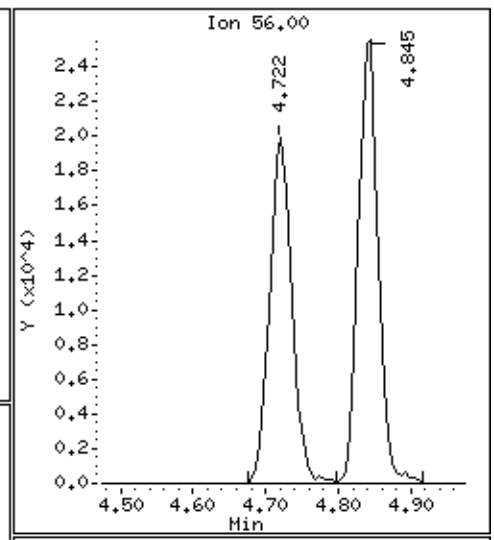
Concentration: 65.0 ppb

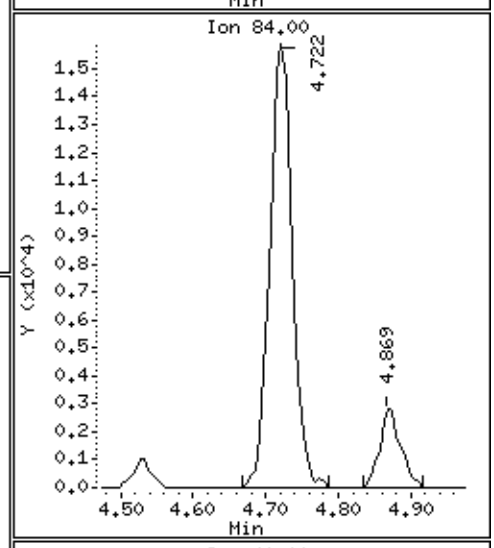


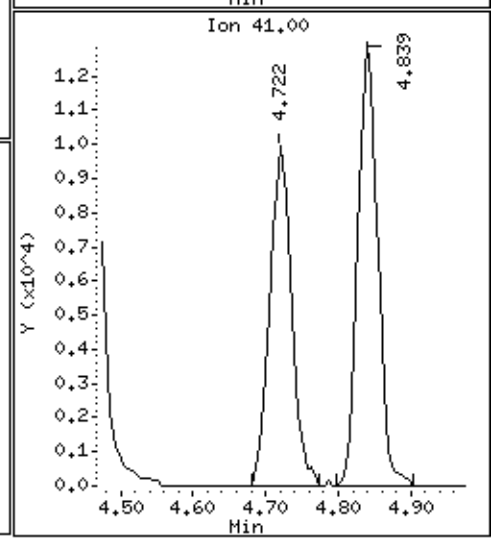












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

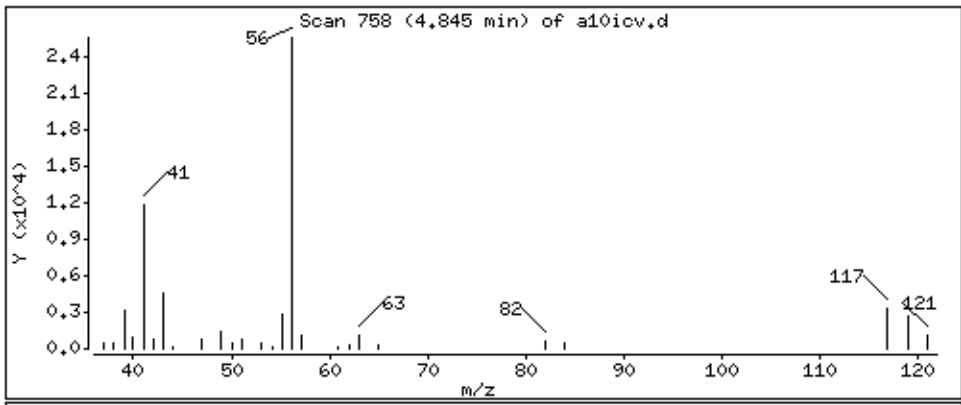
Operator: rsw

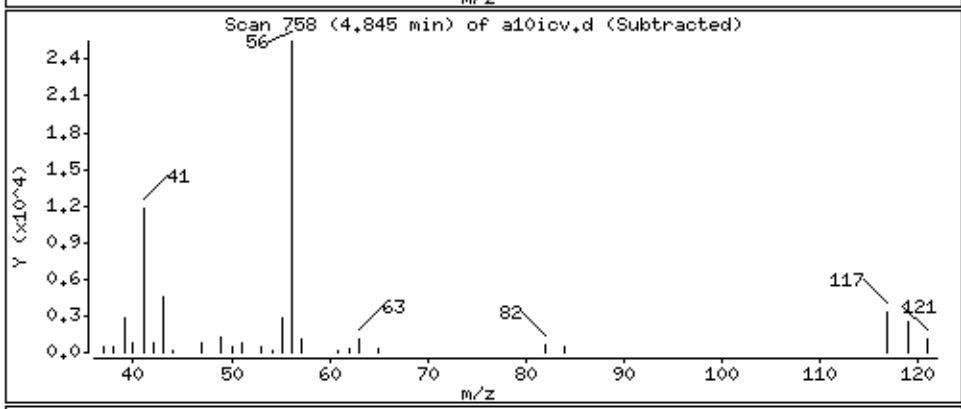
Column phase: DB-624

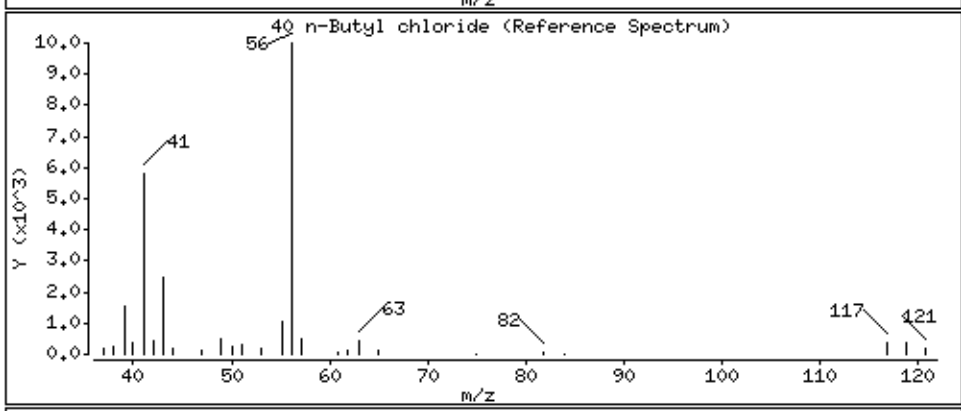
Column diameter: 0.18

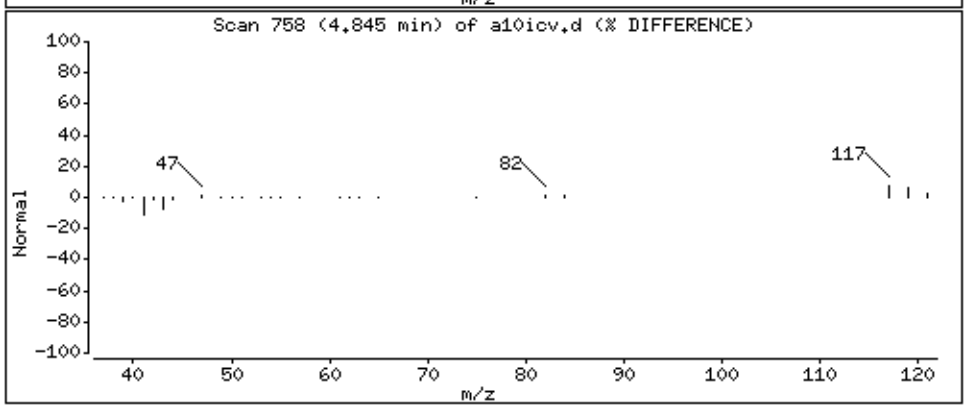
40 n-Butyl chloride

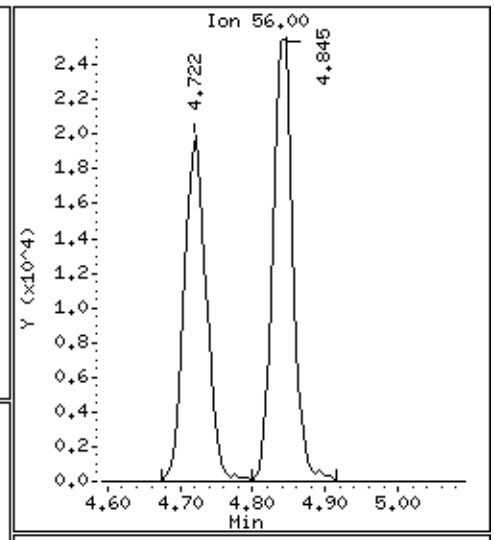
Concentration: 59.6 ppb

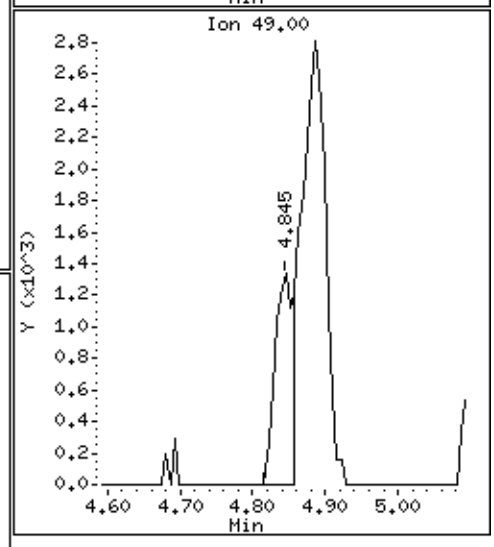












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

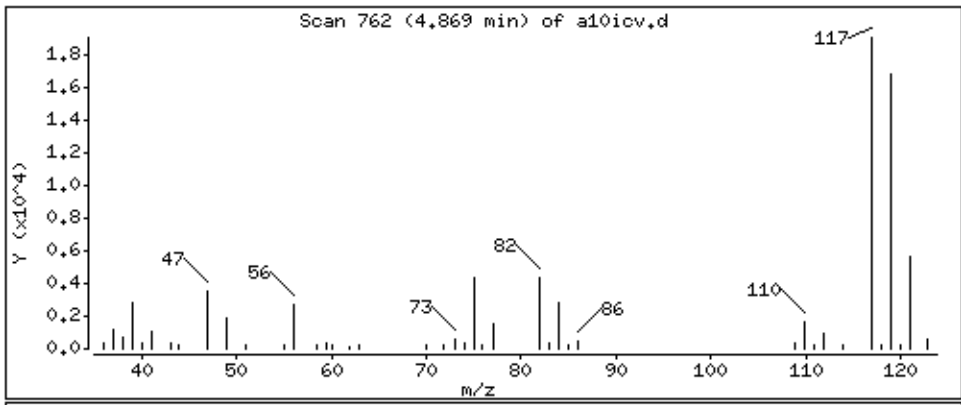
Operator: rsw

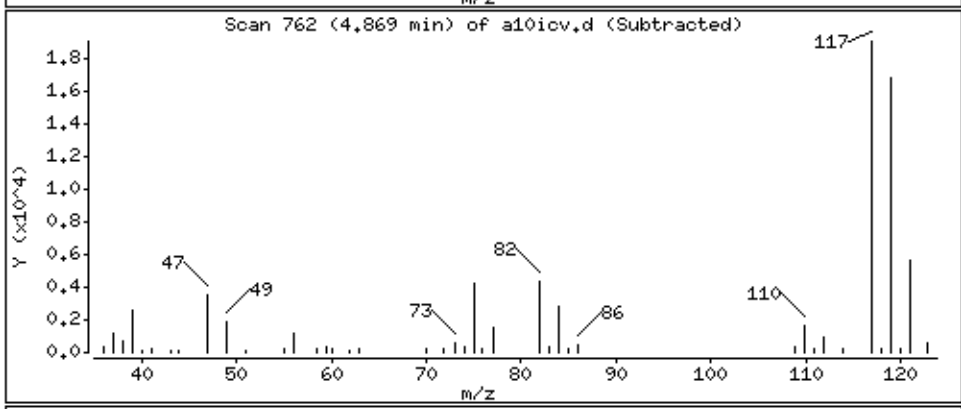
Column phase: DB-624

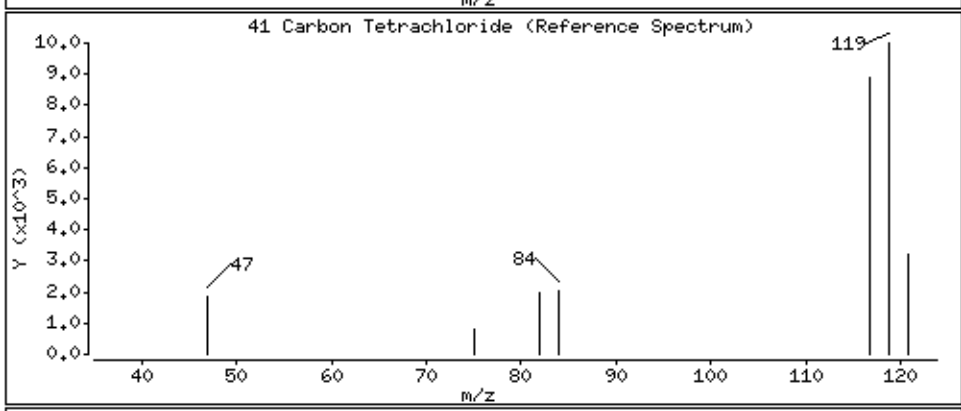
Column diameter: 0.18

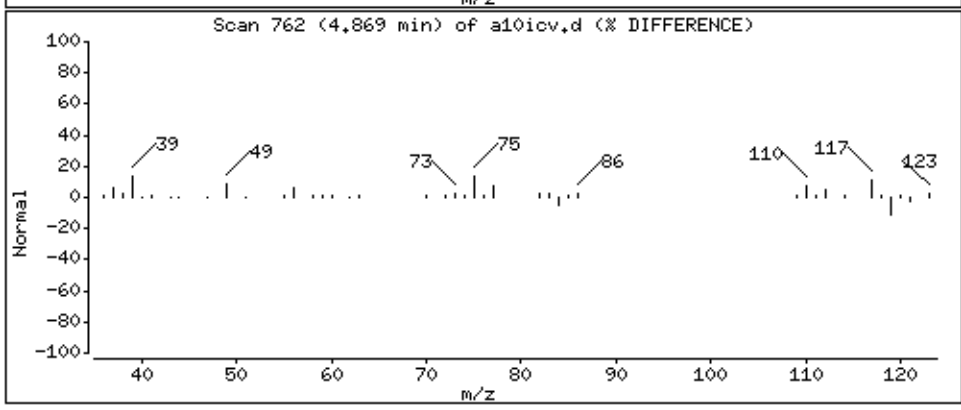
41 Carbon Tetrachloride

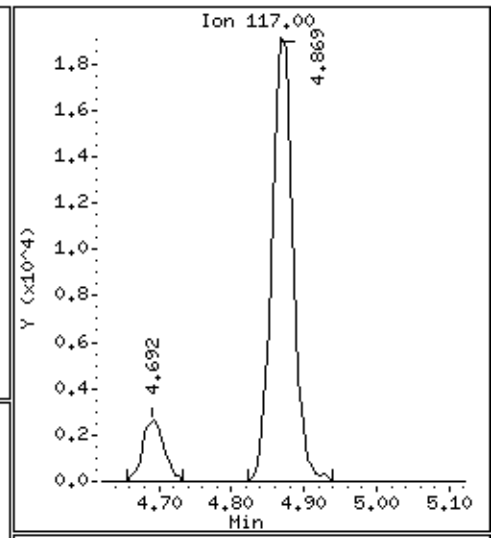
Concentration: 56.9 ppb

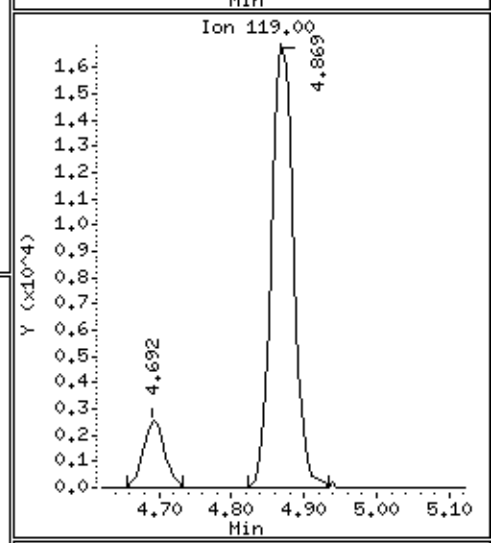


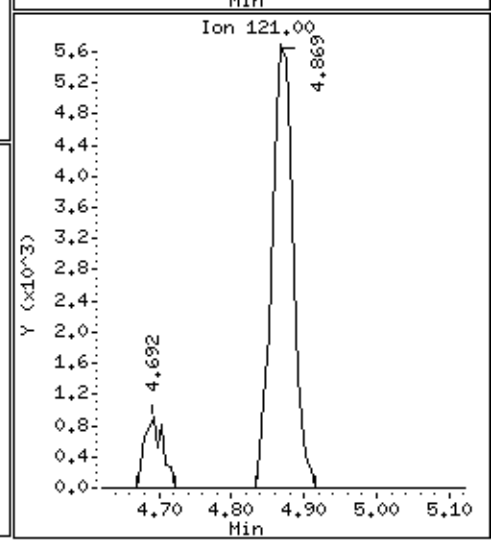












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

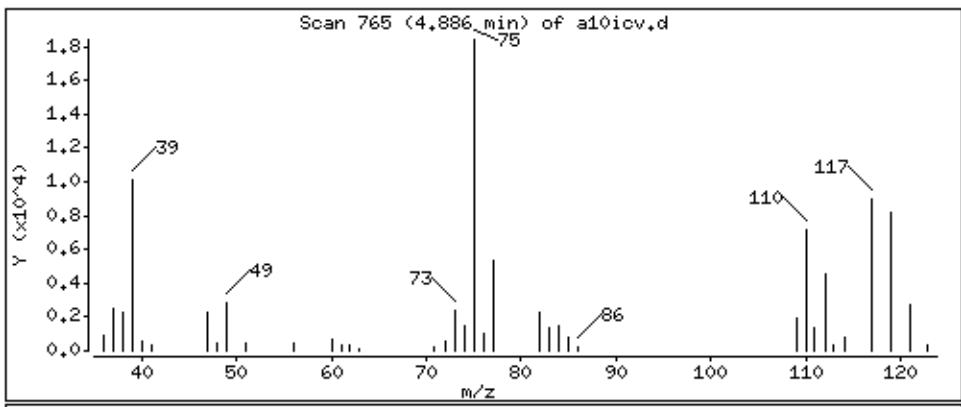
Operator: rsw

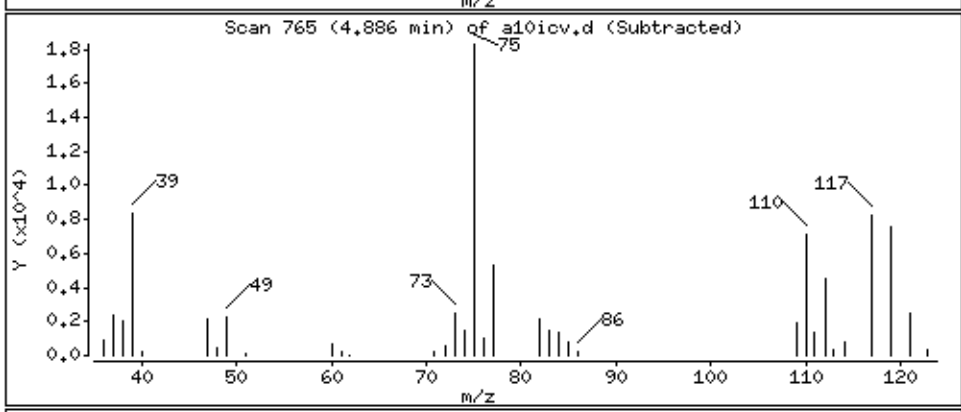
Column phase: DB-624

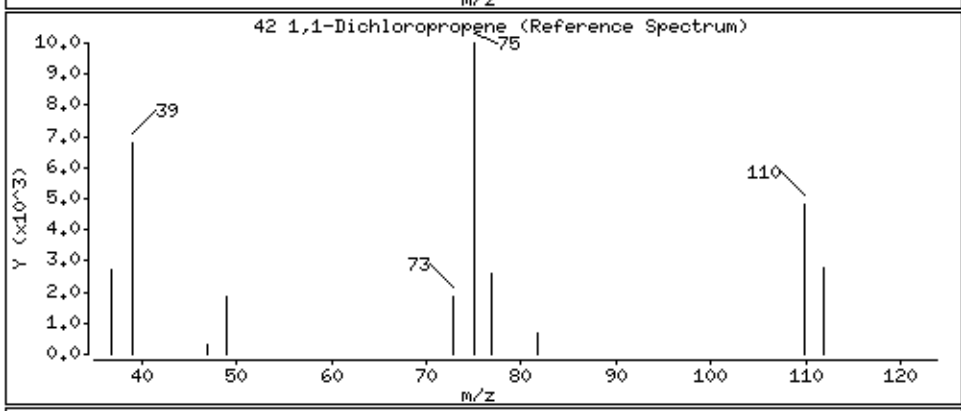
Column diameter: 0.18

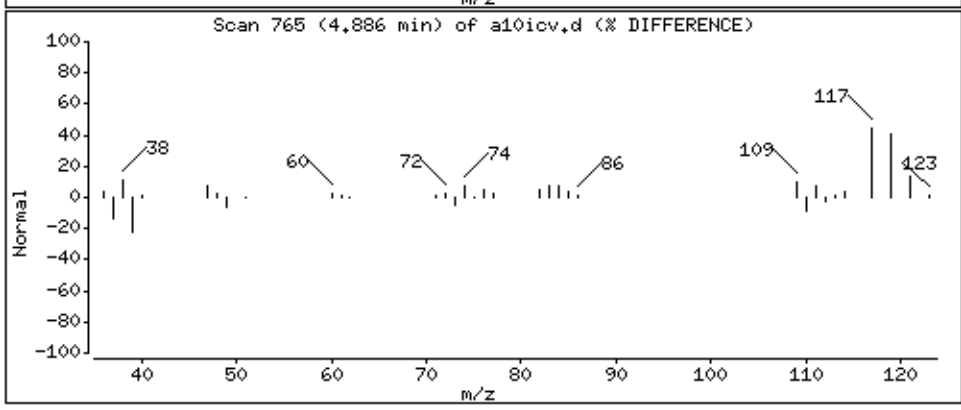
42 1,1-Dichloropropene

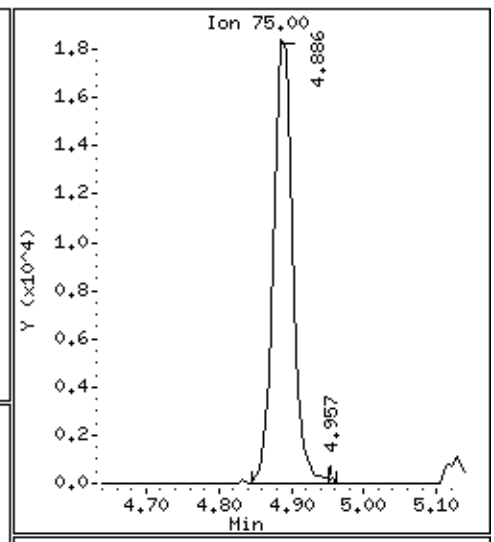
Concentration: 59.0 ppb

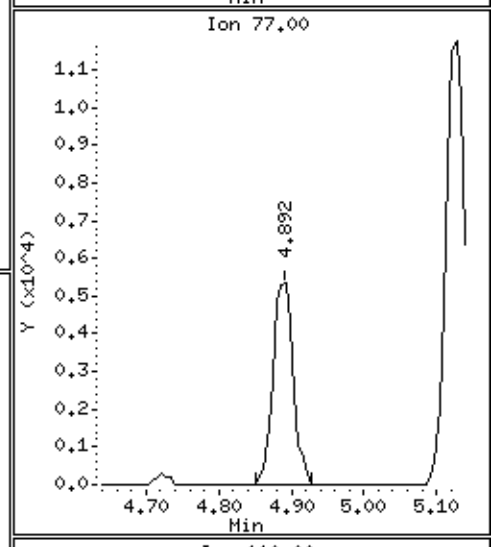


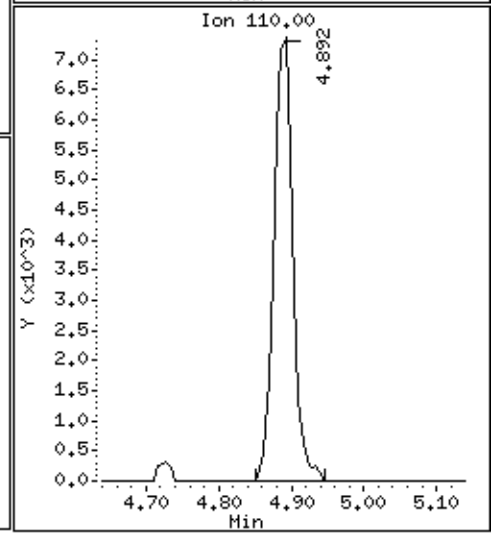












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

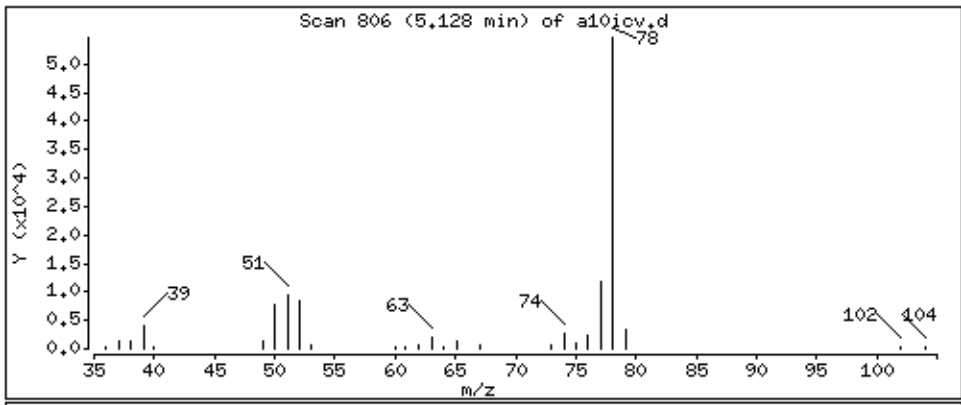
Operator: rsw

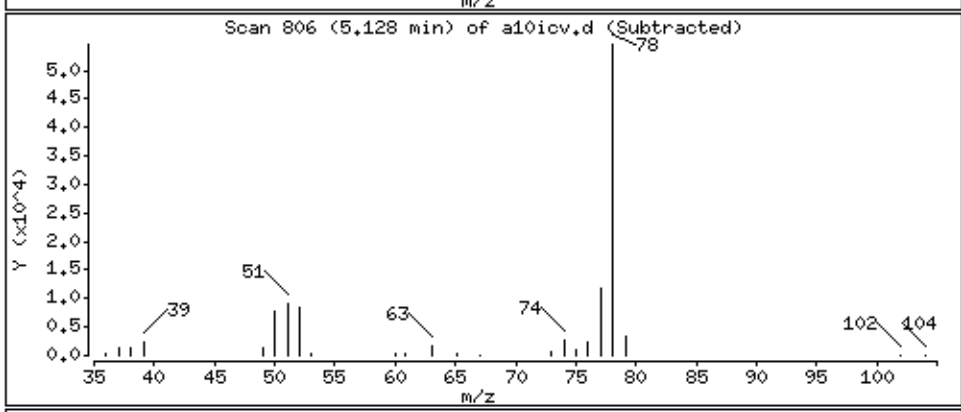
Column phase: DB-624

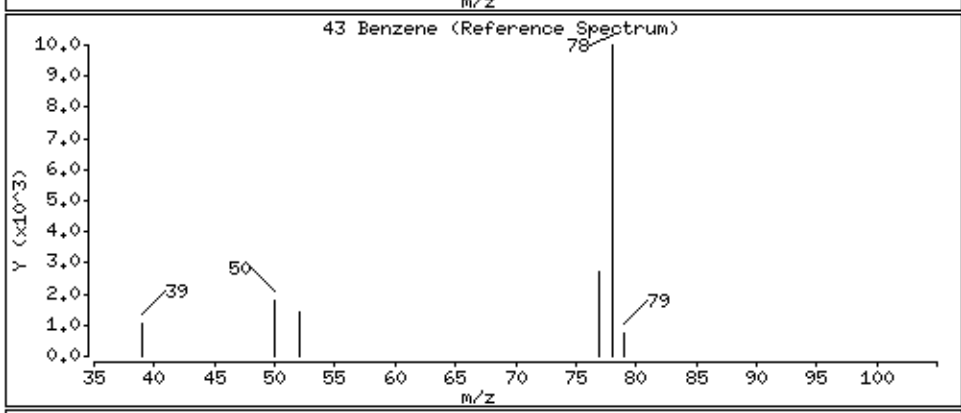
Column diameter: 0.18

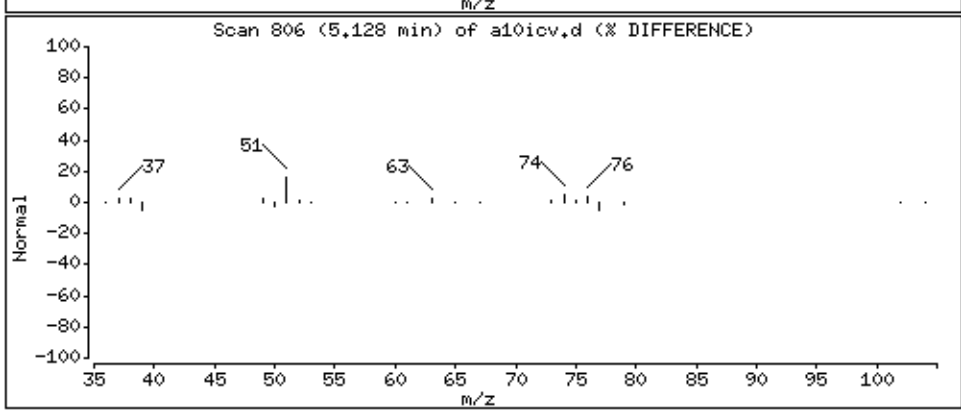
43 Benzene

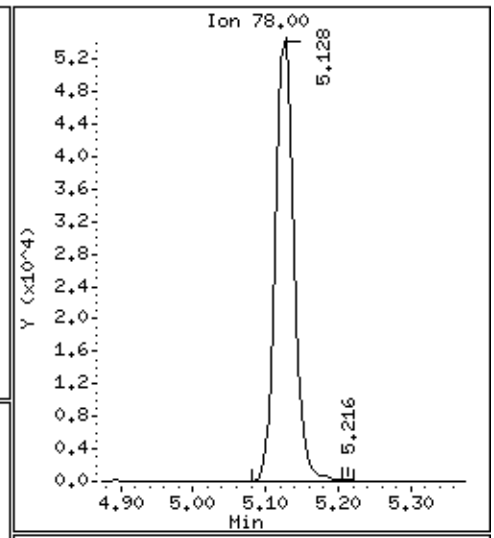
Concentration: 58.6 ppb

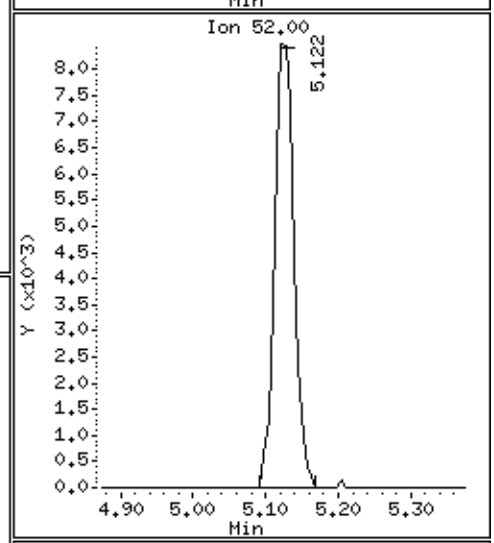


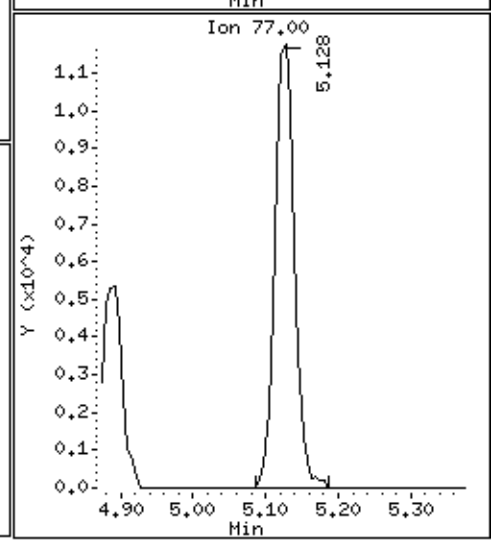












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

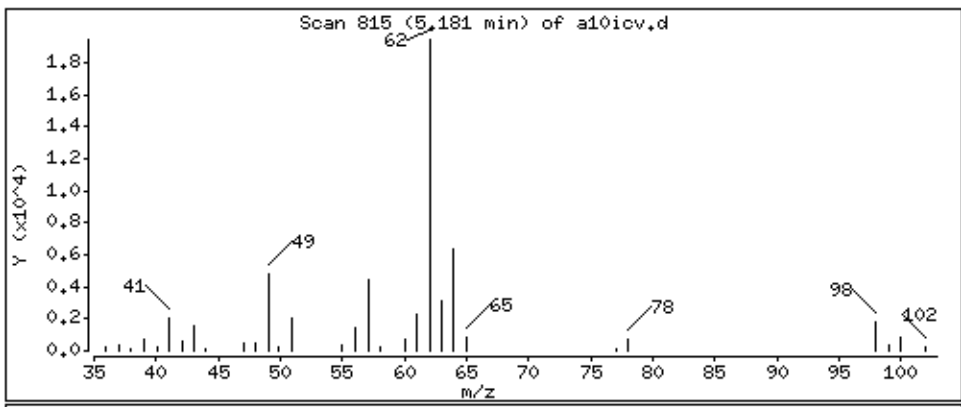
Operator: rsw

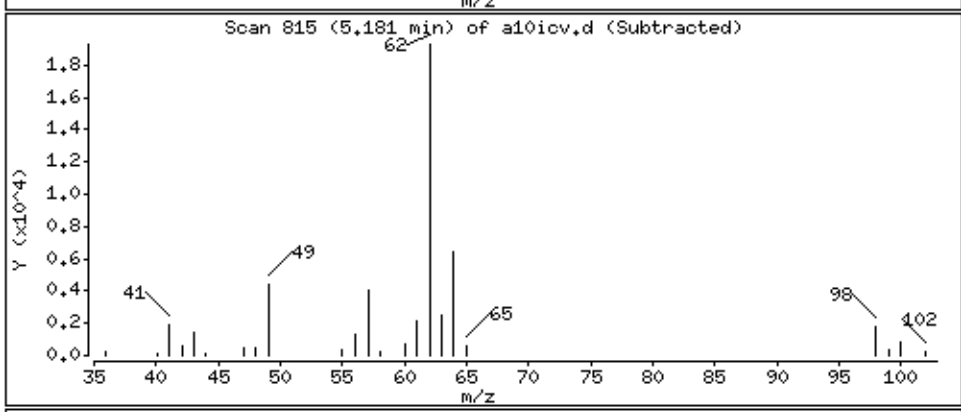
Column phase: DB-624

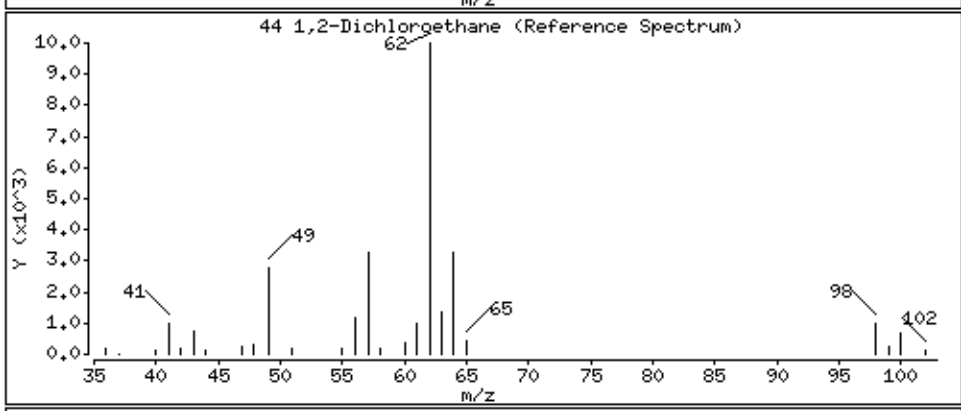
Column diameter: 0.18

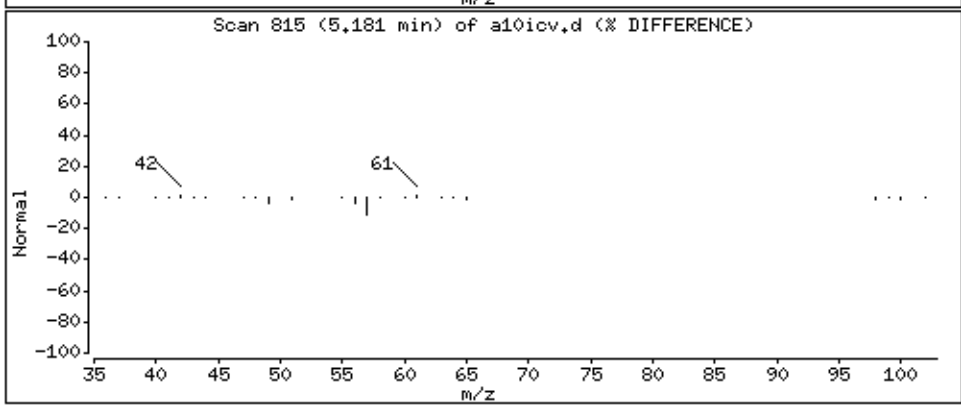
44 1,2-Dichloroethane

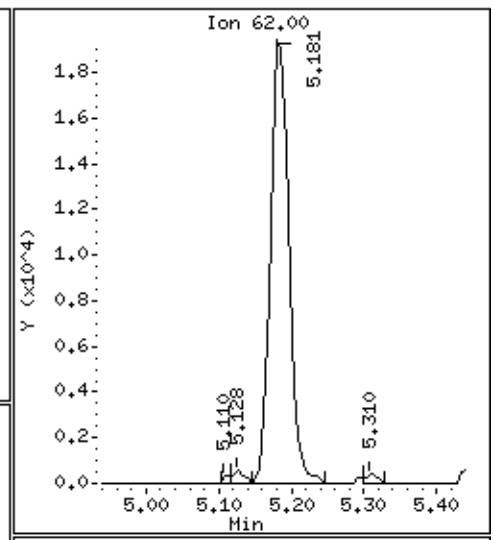
Concentration: 50.7 ppb

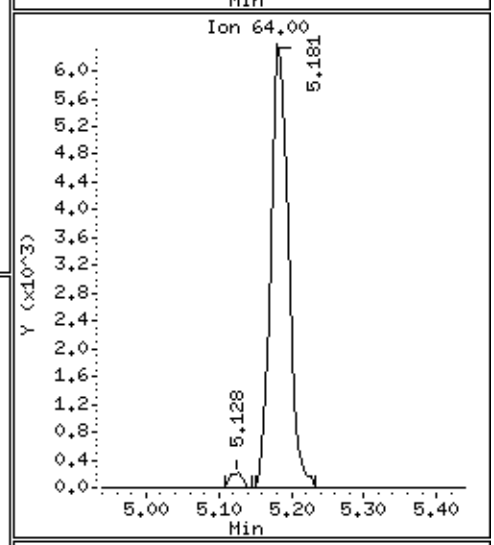


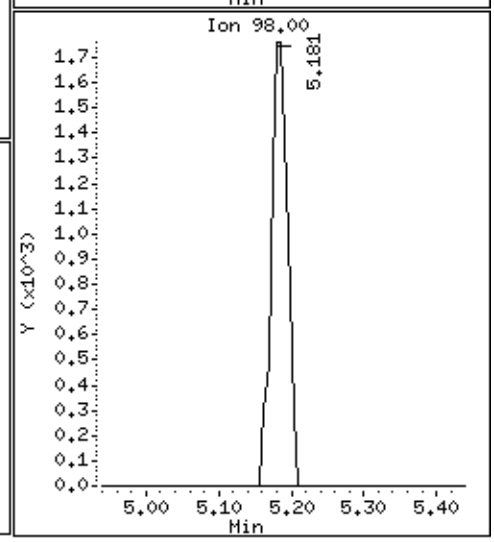












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

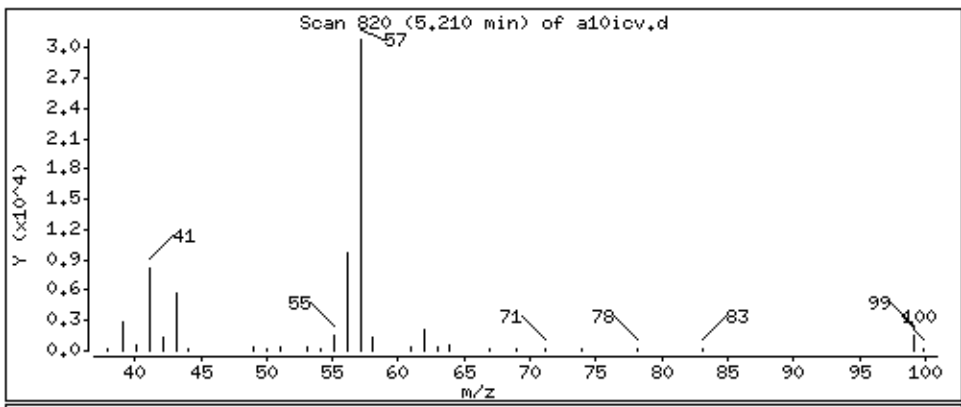
Operator: rsw

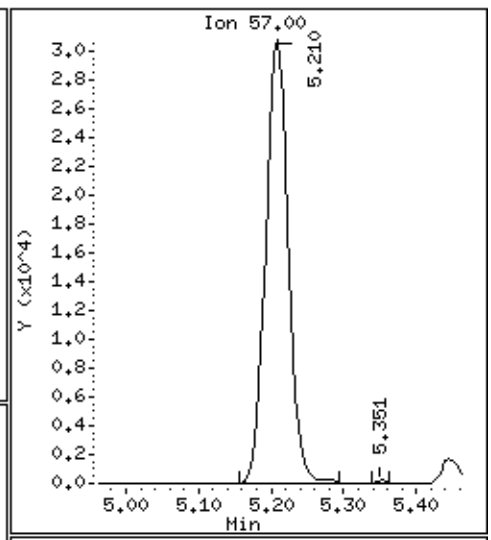
Column phase: DB-624

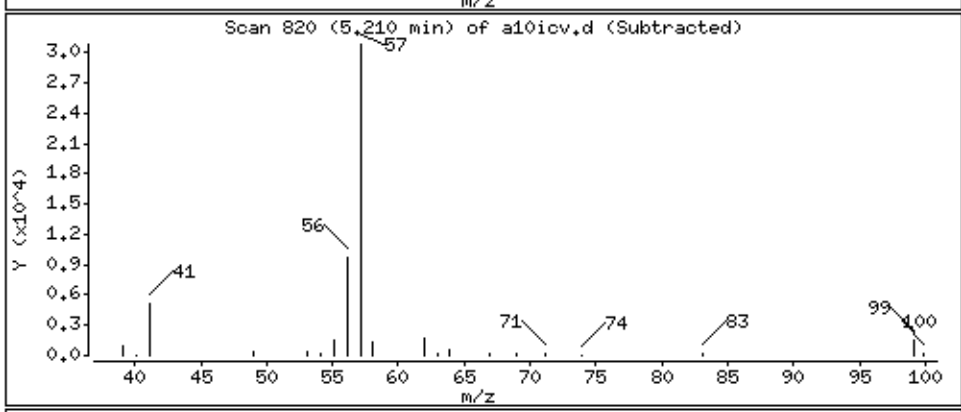
Column diameter: 0.18

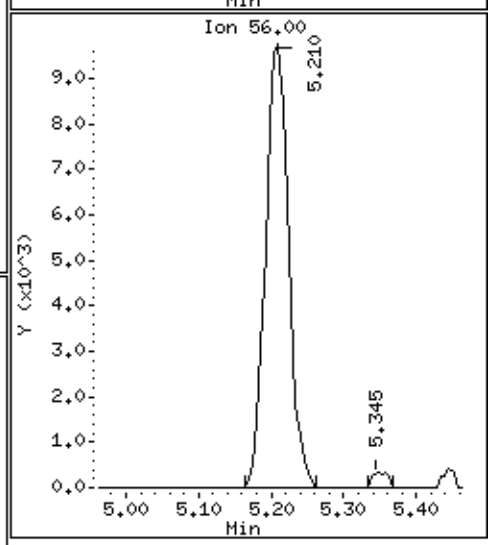
45 2,2,4-Trimethylpentane

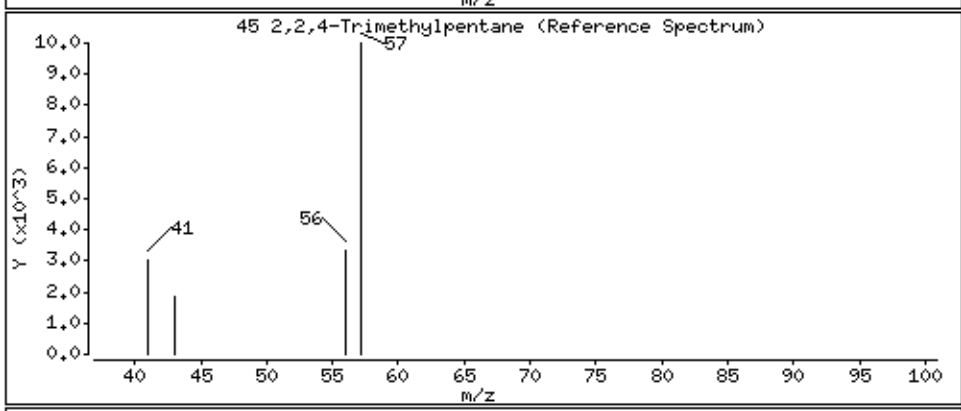
Concentration: 58.2 ppb

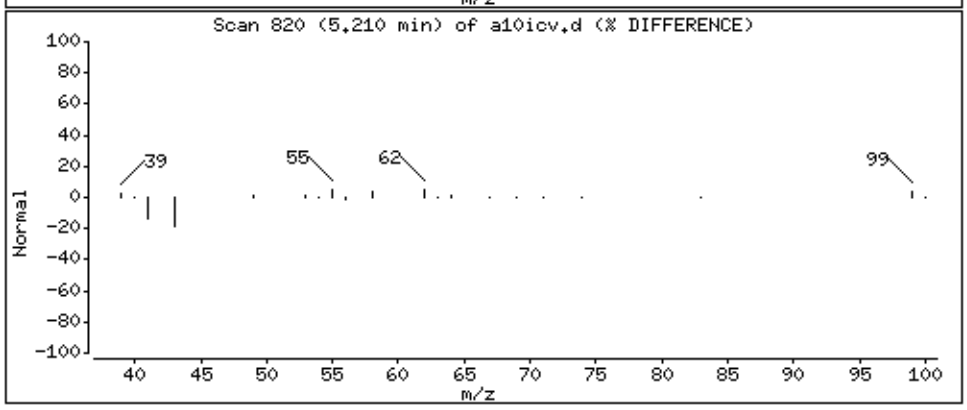












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

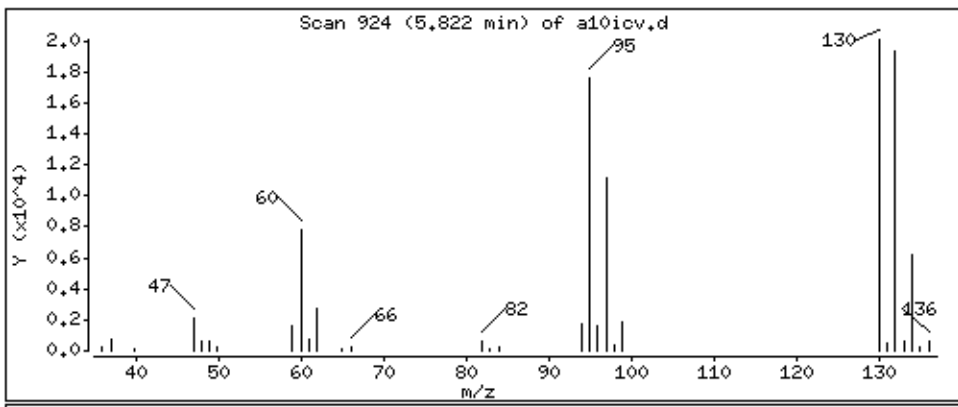
Operator: rsw

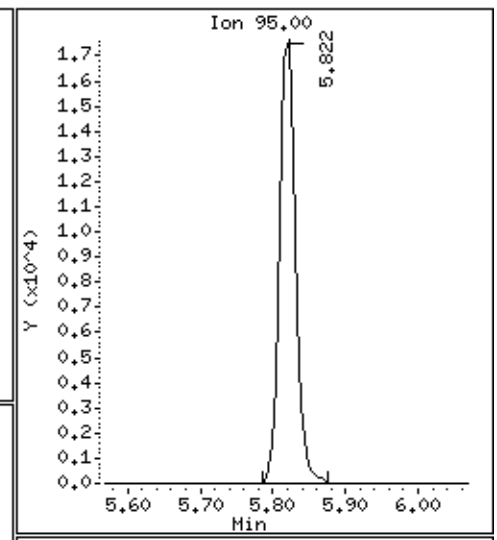
Column phase: DB-624

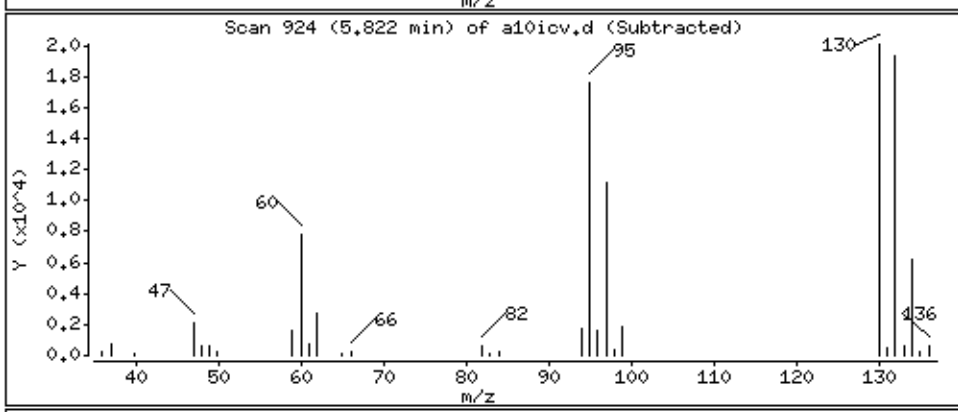
Column diameter: 0.18

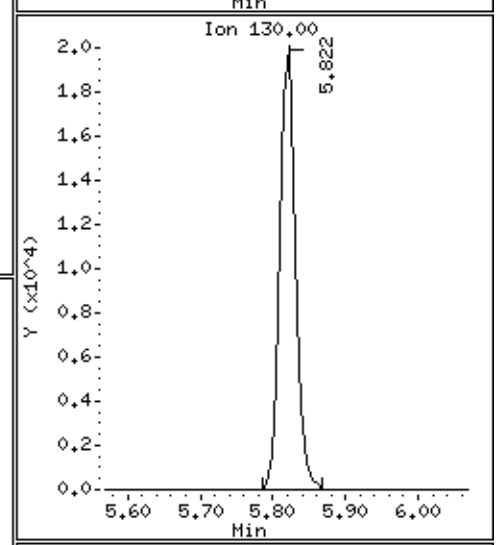
48 Trichloroethene

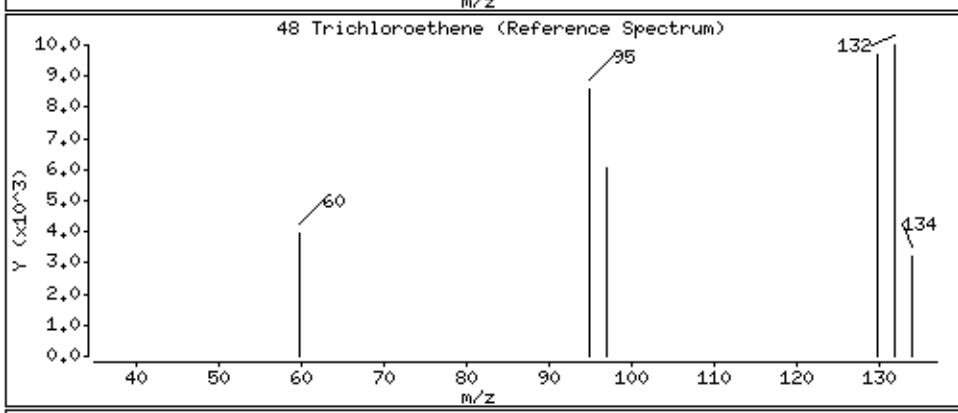
Concentration: 56.5 ppb

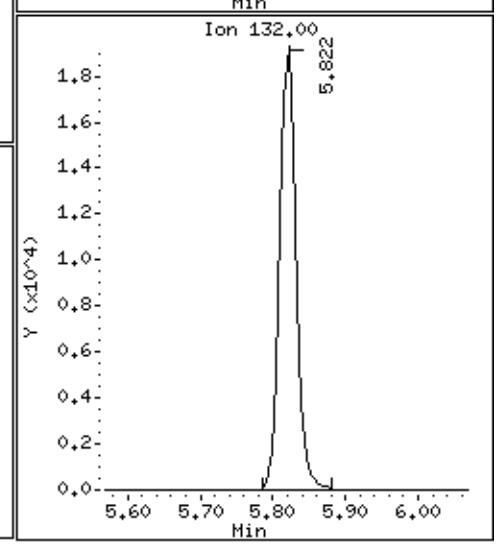


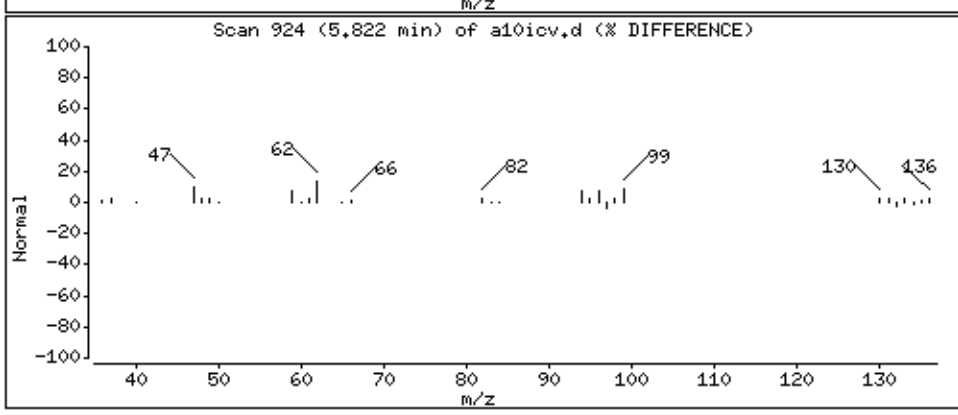












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

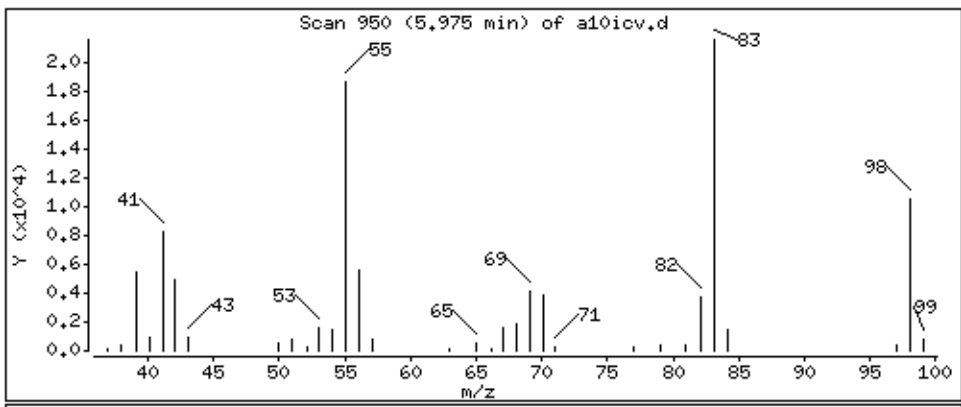
Operator: rsw

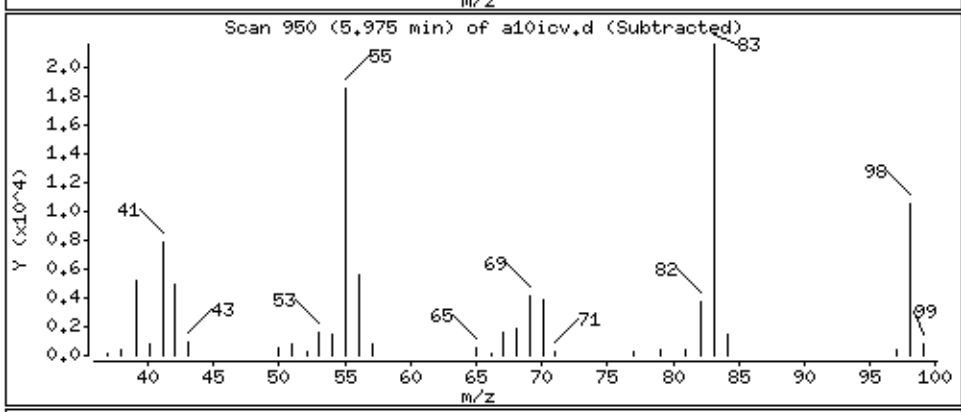
Column phase: DB-624

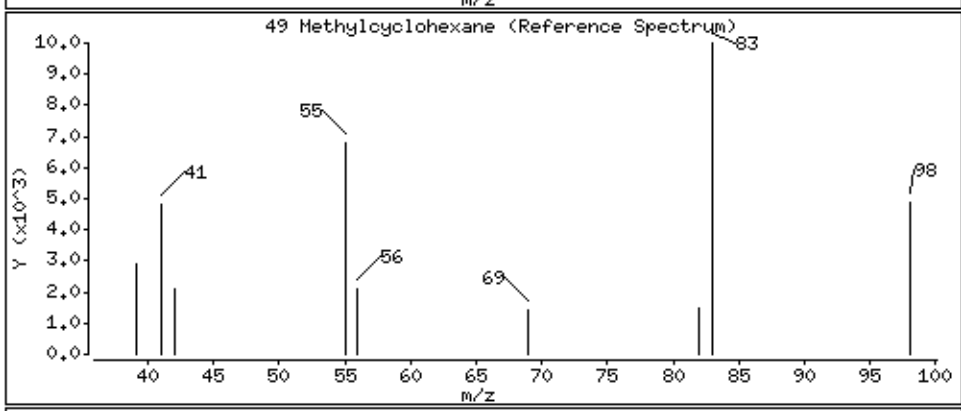
Column diameter: 0.18

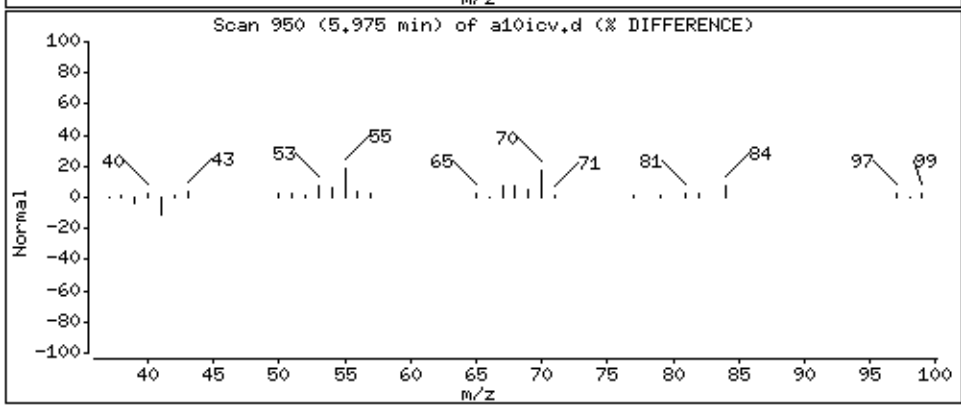
49 Methylcyclohexane

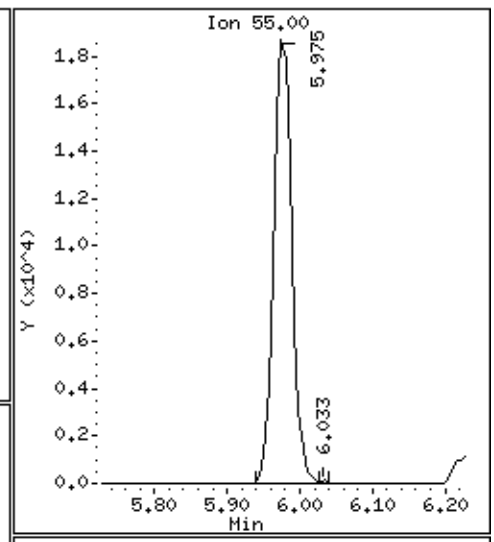
Concentration: 55.6 ppb

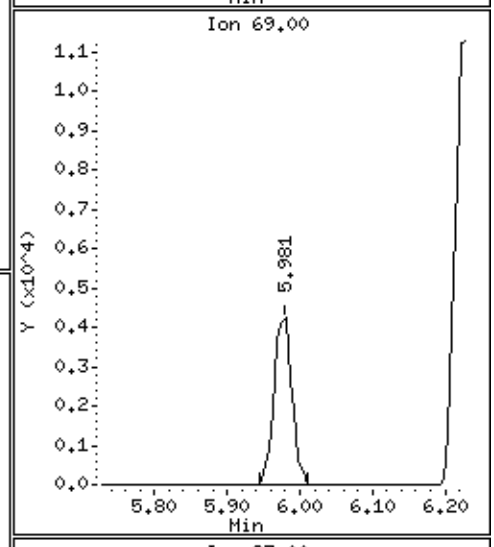


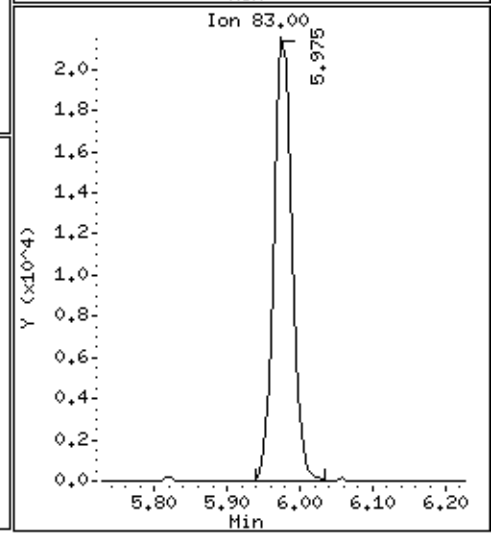












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

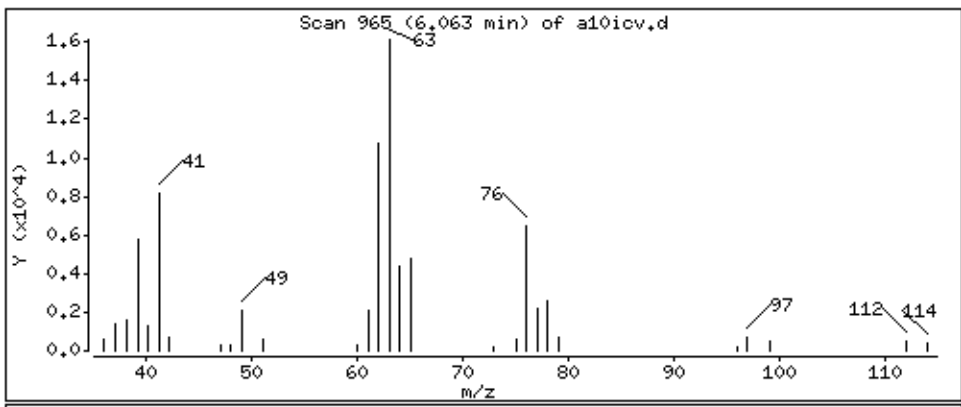
Operator: rsw

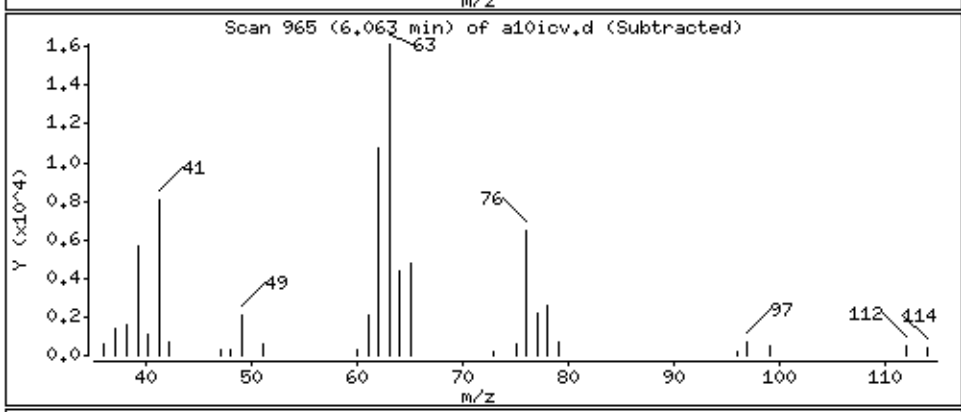
Column phase: DB-624

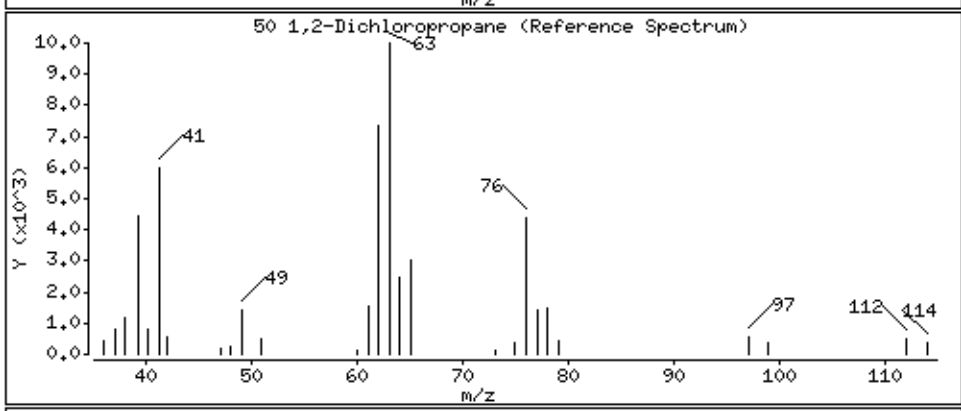
Column diameter: 0.18

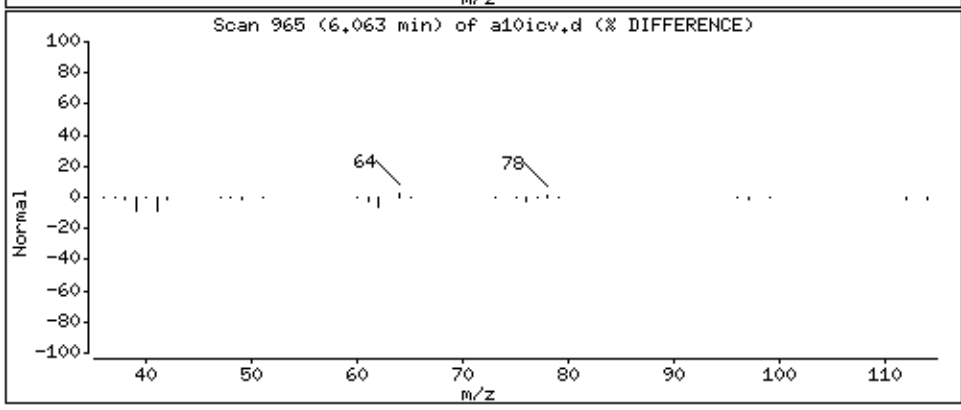
50 1,2-Dichloropropane

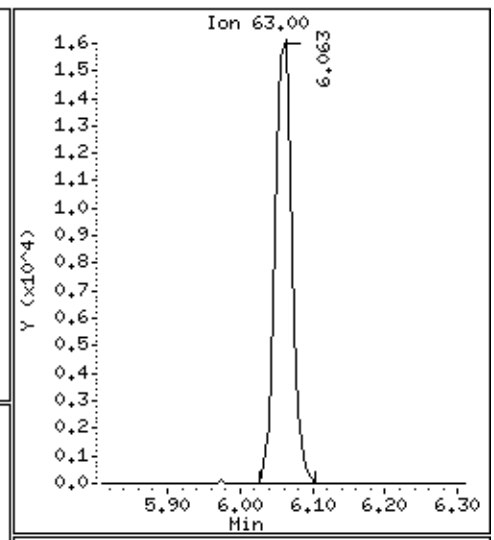
Concentration: 59.2 ppb

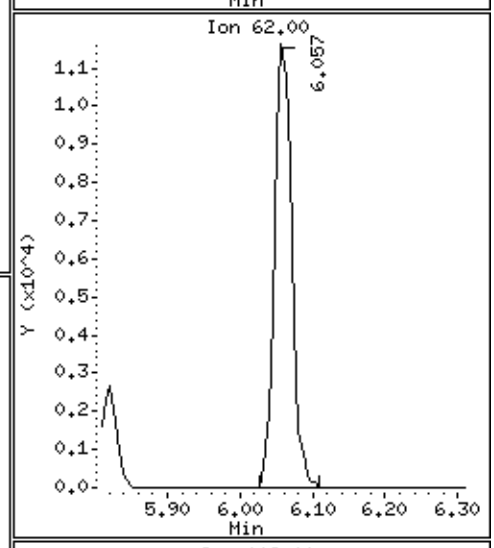


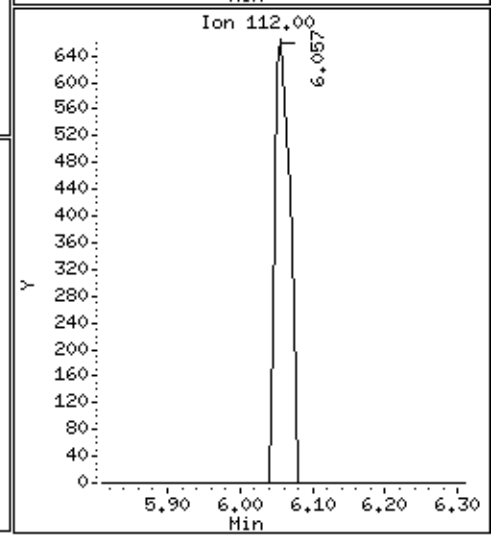












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

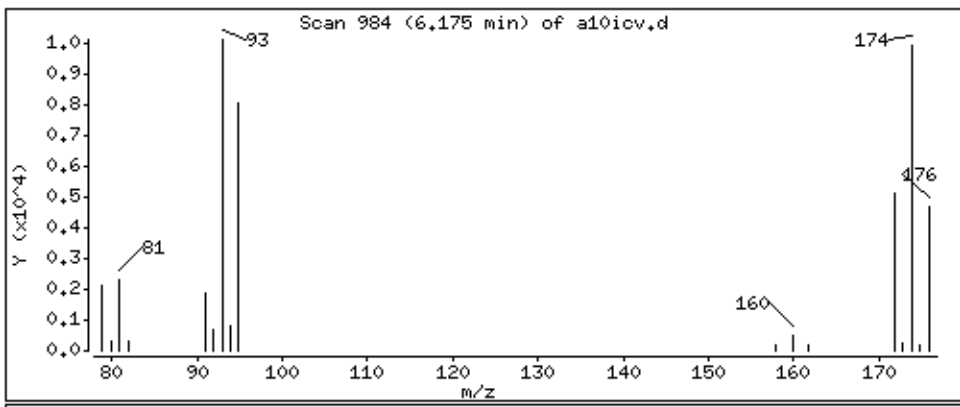
Operator: rsw

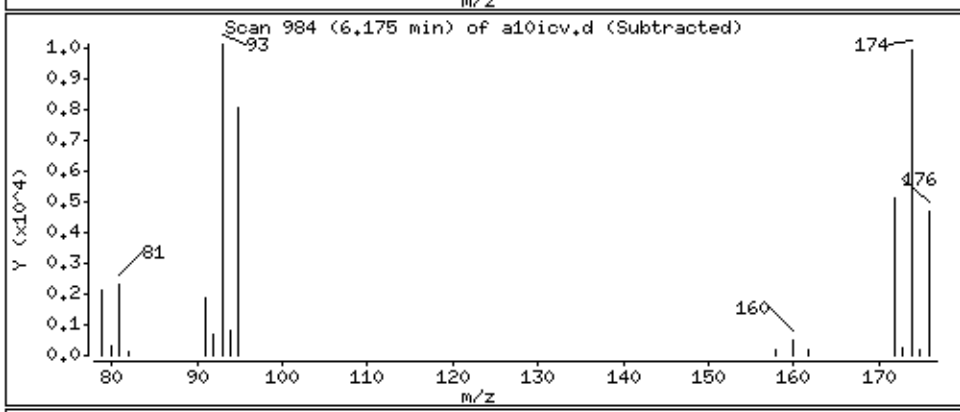
Column phase: DB-624

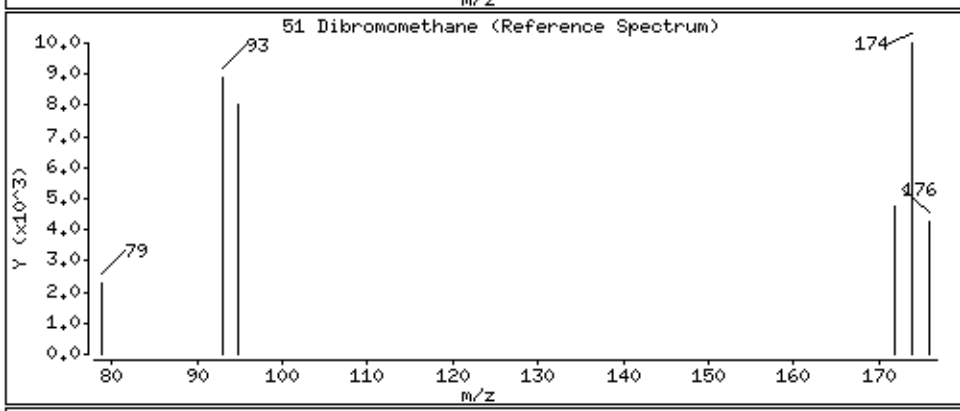
Column diameter: 0.18

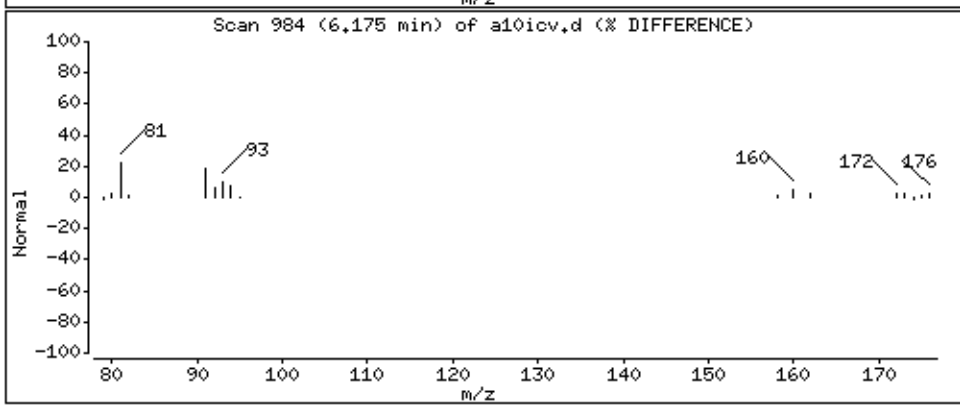
51 Dibromomethane

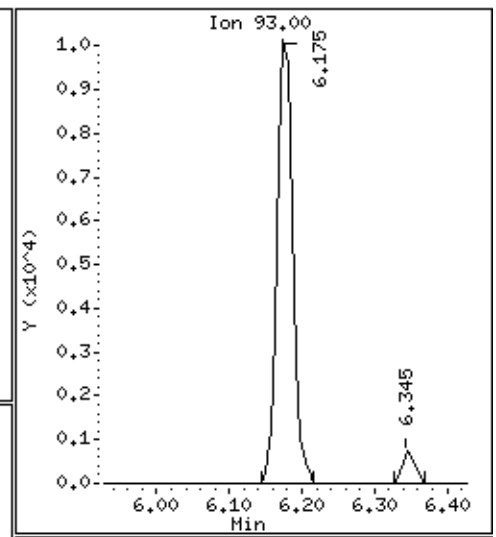
Concentration: 51.7 ppb

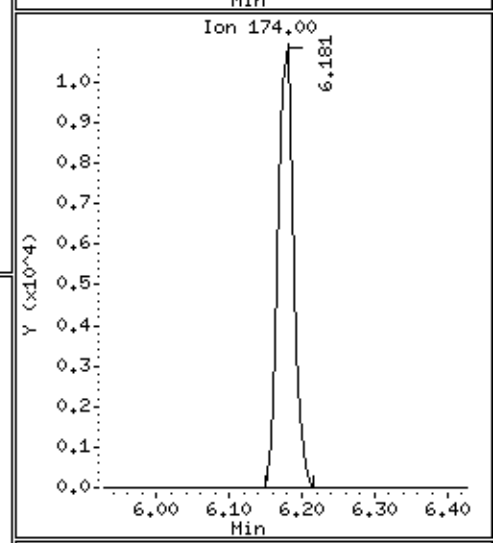


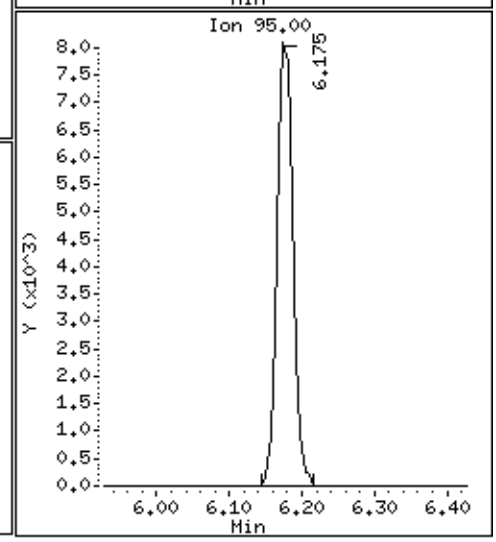












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

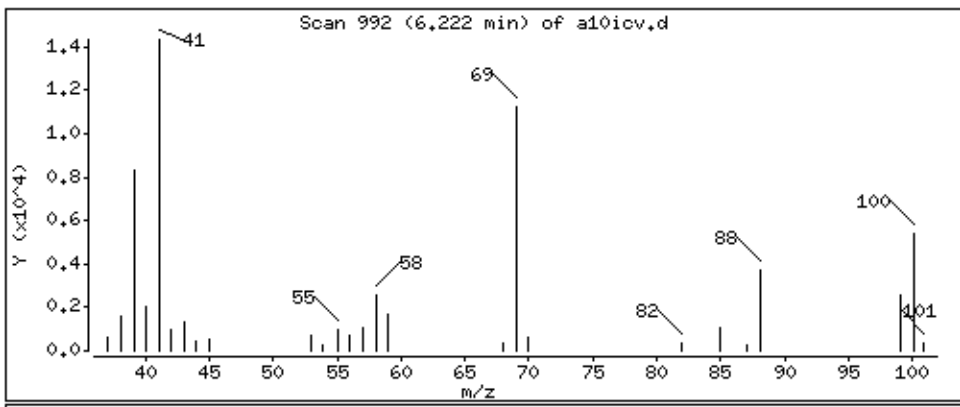
Operator: rsw

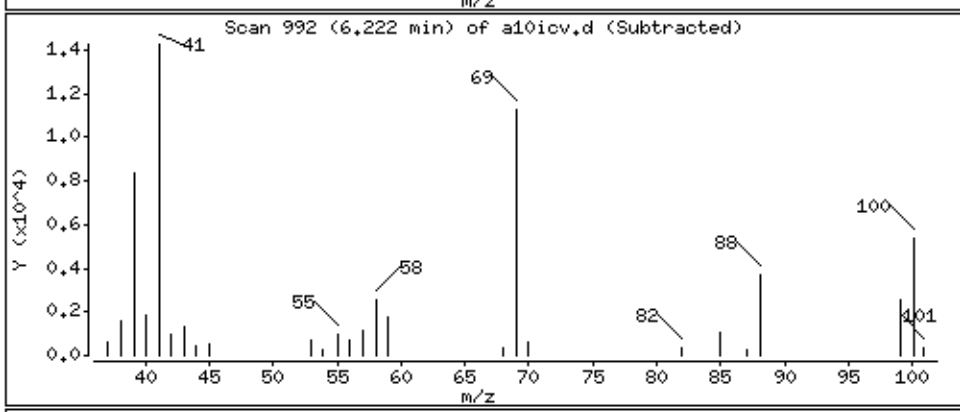
Column phase: DB-624

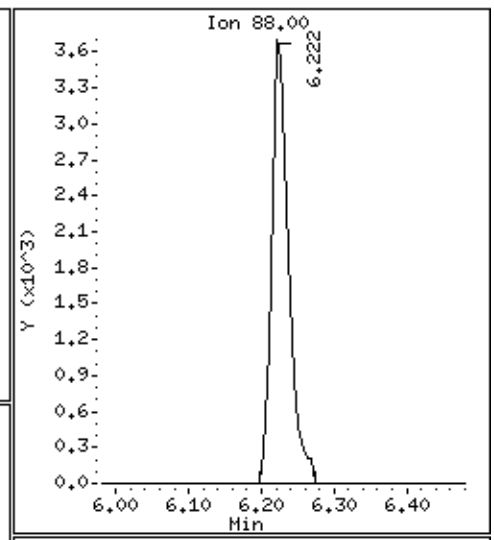
Column diameter: 0.18

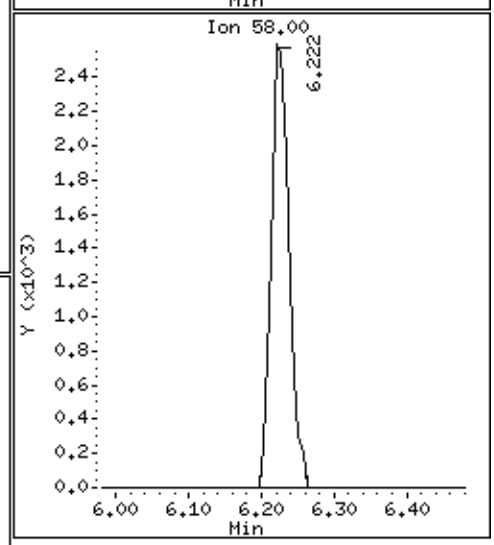
52 1,4-Dioxane

Concentration: 1060 ppb









Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

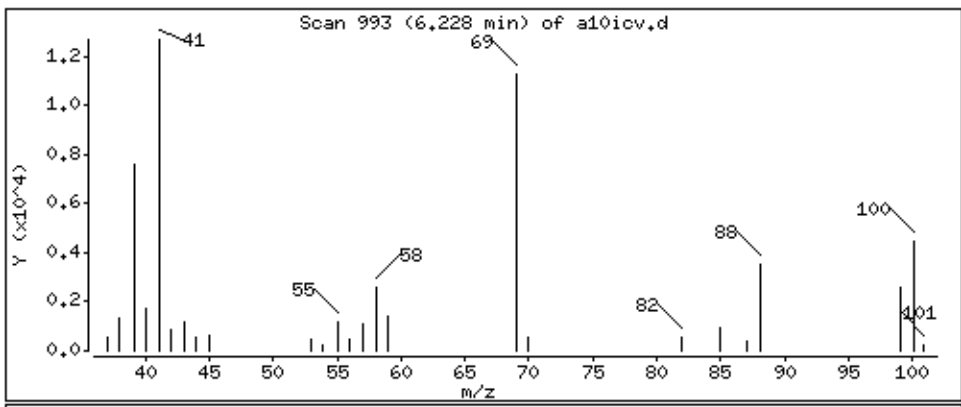
Operator: rsw

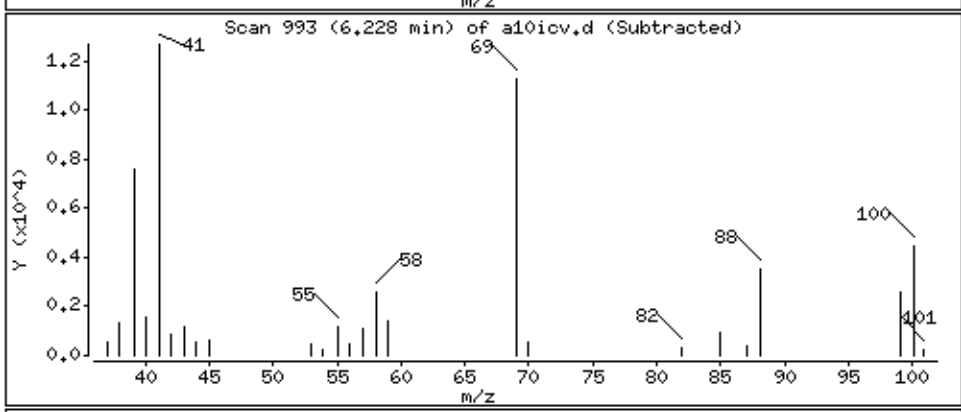
Column phase: DB-624

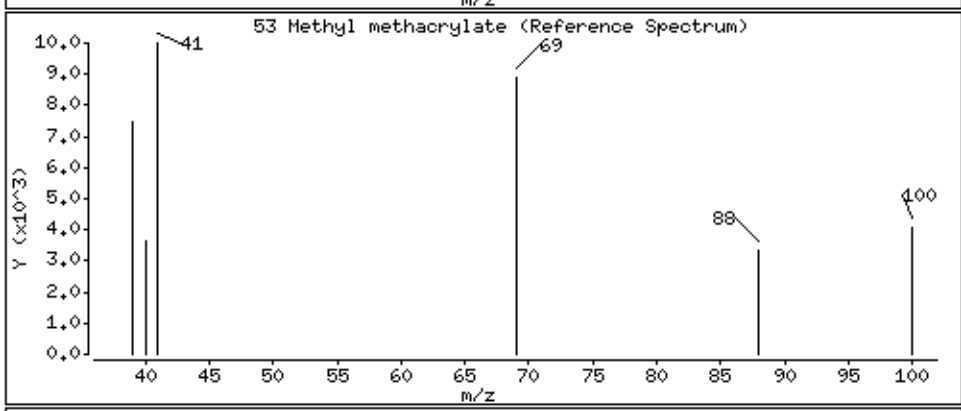
Column diameter: 0.18

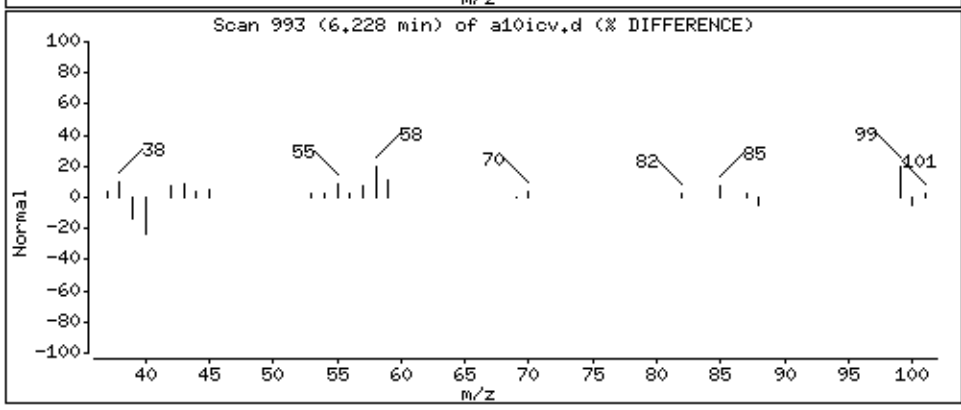
53 Methyl methacrylate

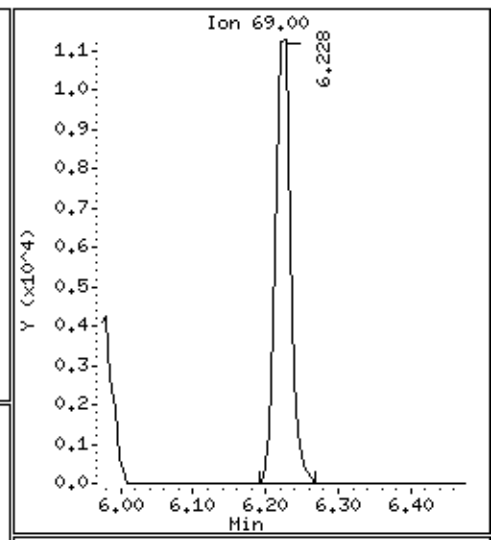
Concentration: 55.4 ppb

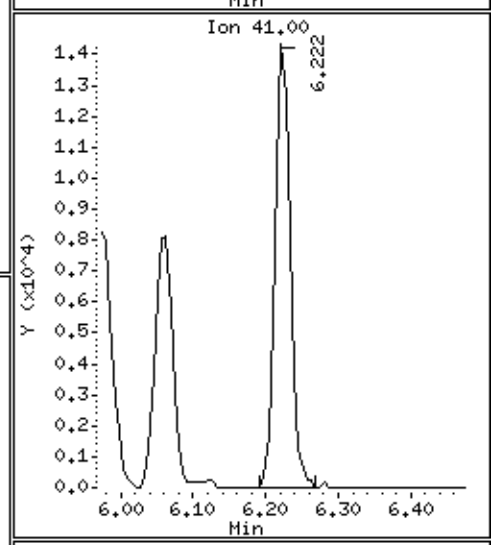


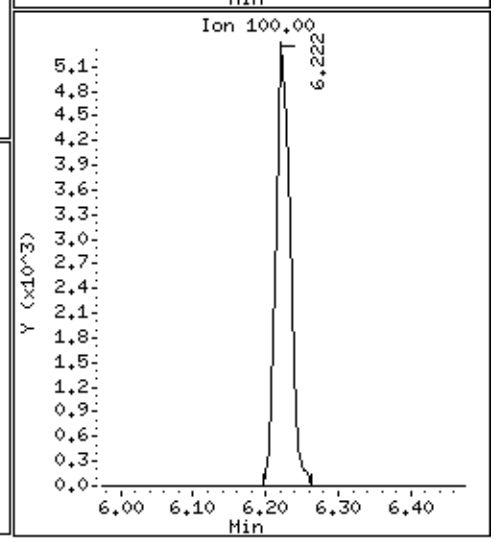












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

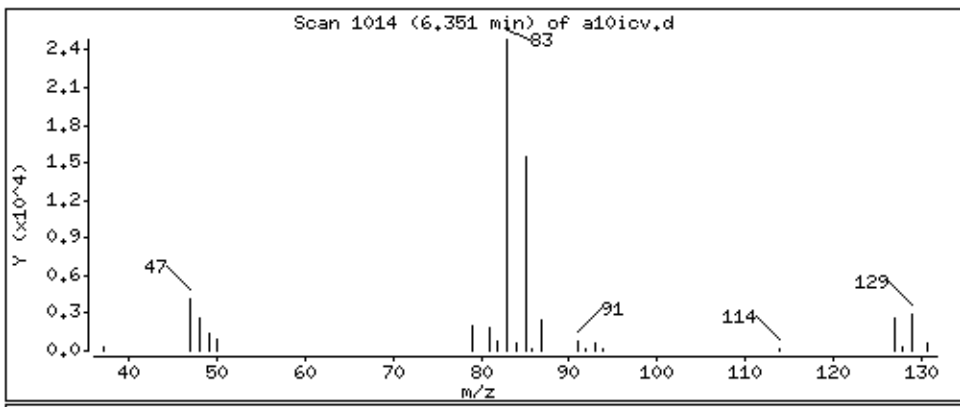
Operator: rsw

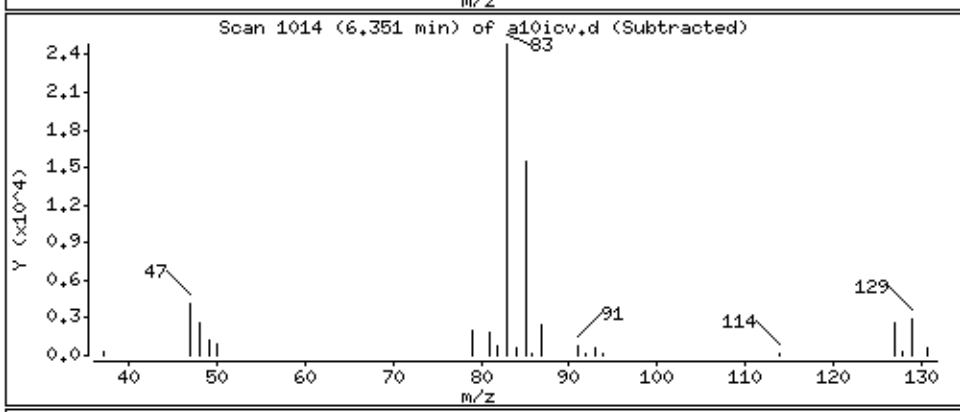
Column phase: DB-624

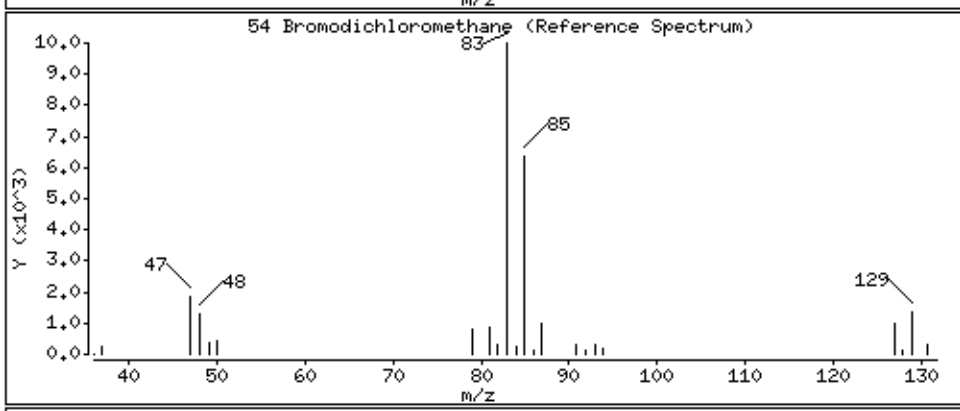
Column diameter: 0.18

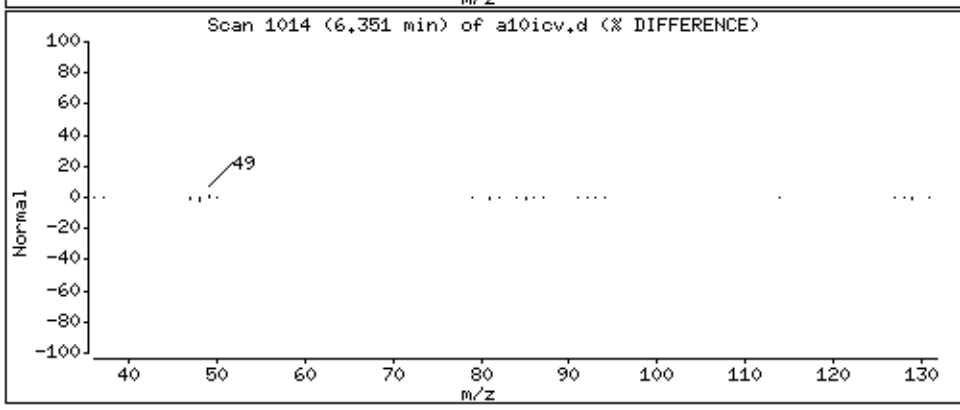
54 Bromodichloromethane

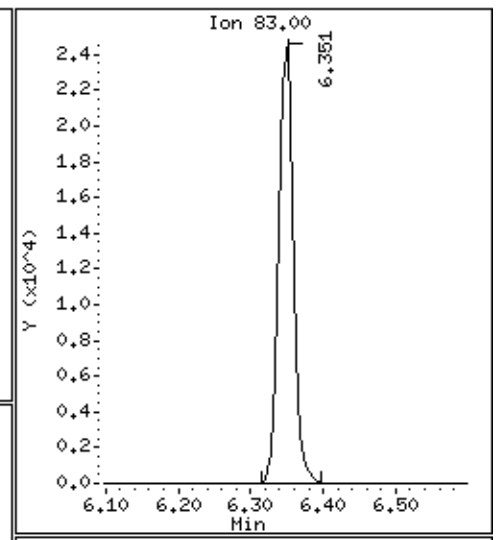
Concentration: 57.7 ppb

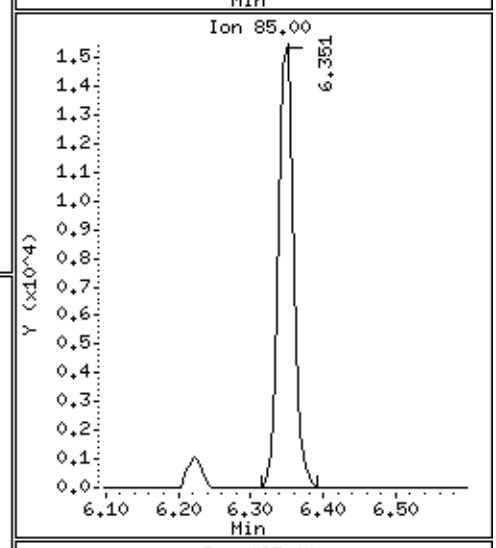


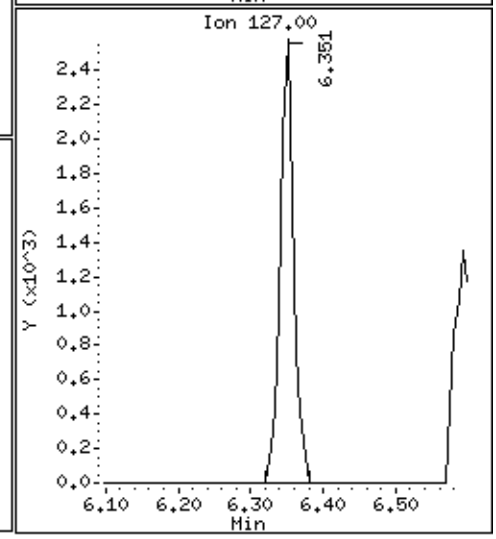












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

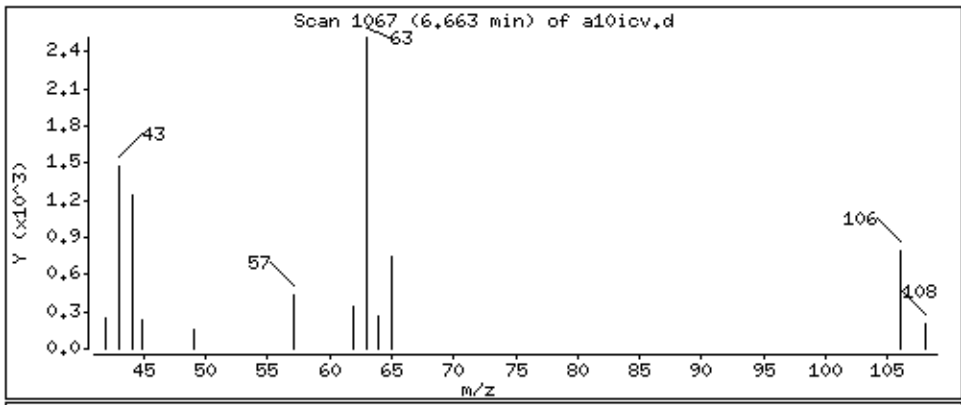
Operator: rsw

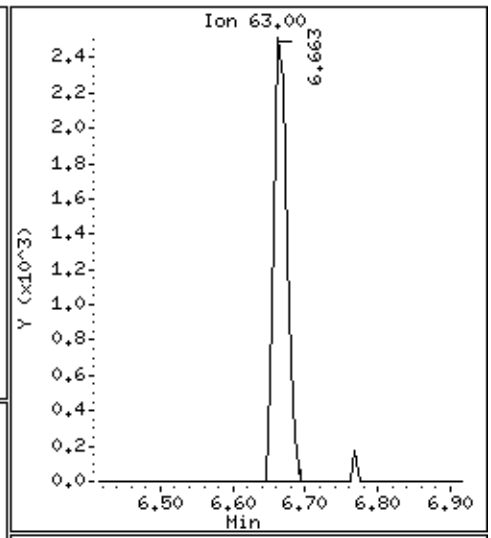
Column phase: DB-624

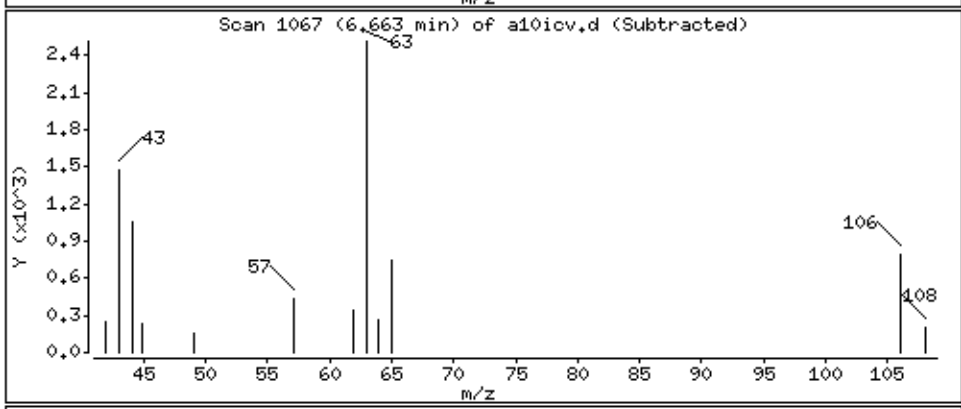
Column diameter: 0.18

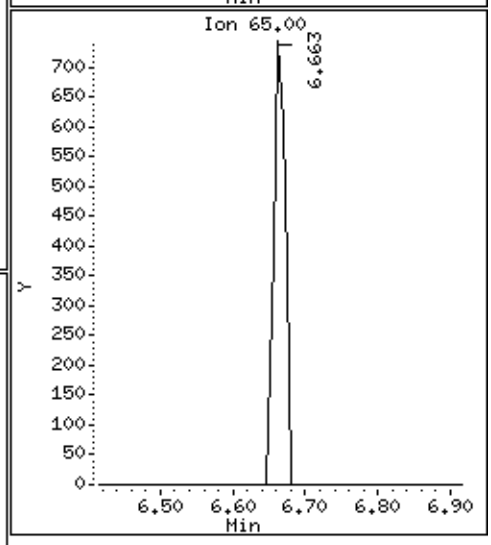
55 2-Chloroethyl vinyl ether

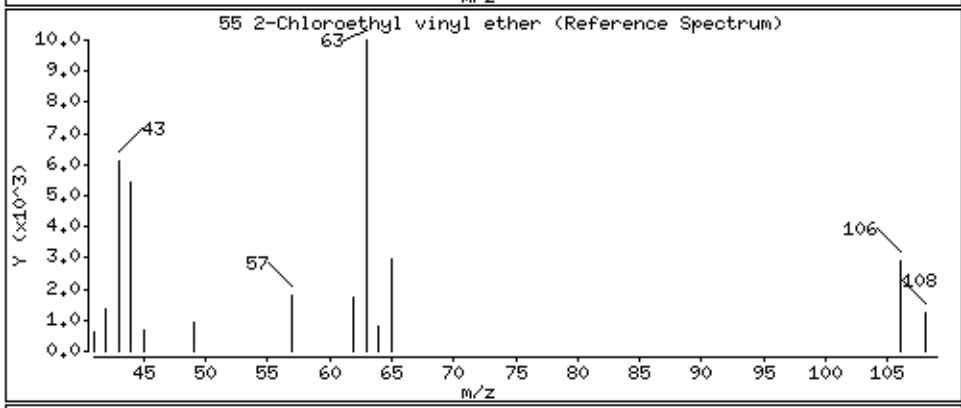
Concentration: 32.2 ppb

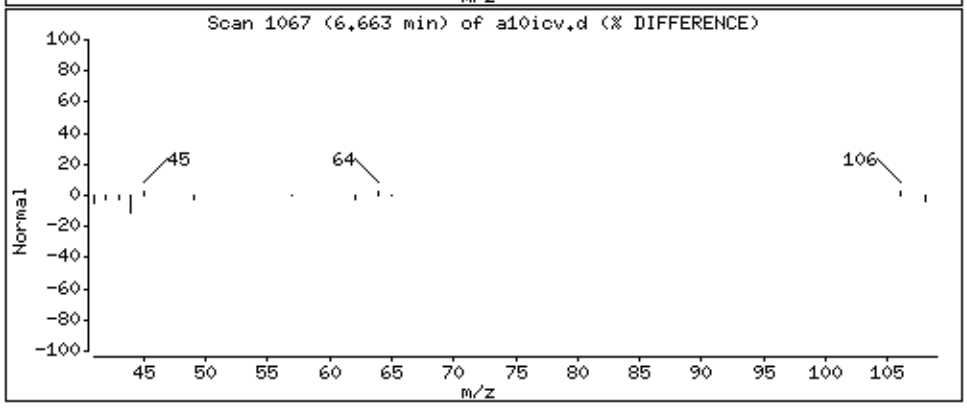












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

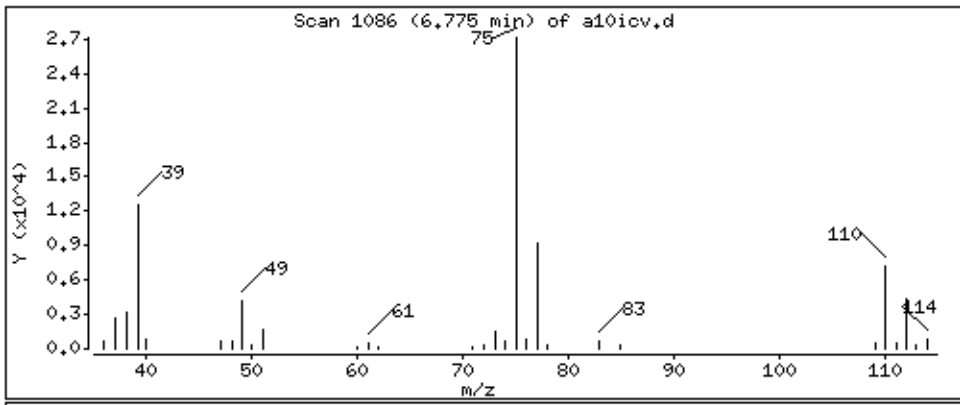
Operator: rsw

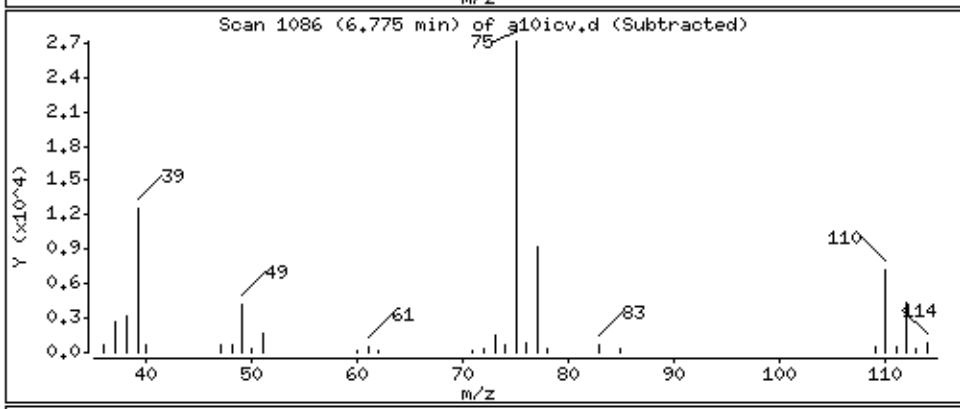
Column phase: DB-624

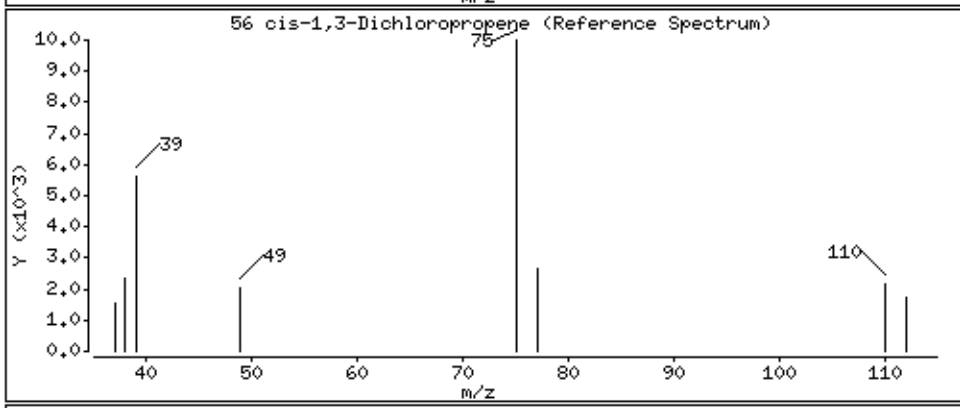
Column diameter: 0.18

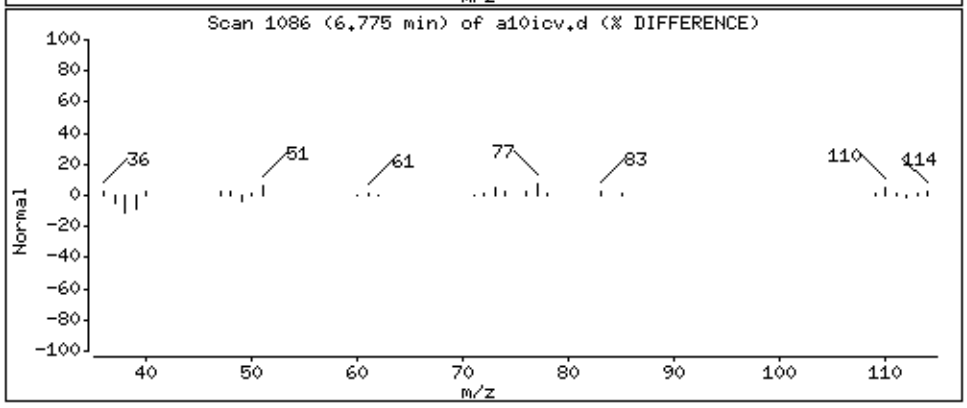
56 cis-1,3-Dichloropropene

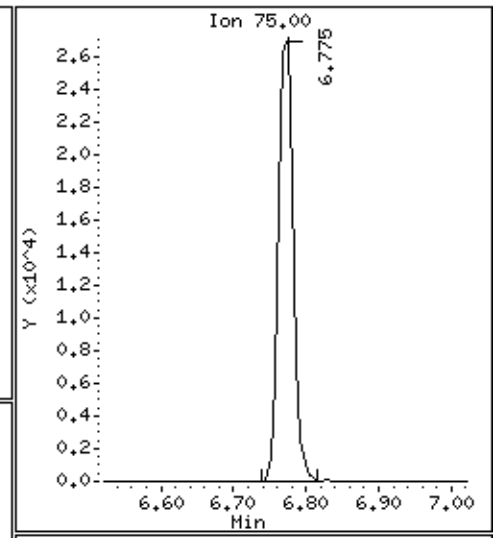
Concentration: 58.1 ppb

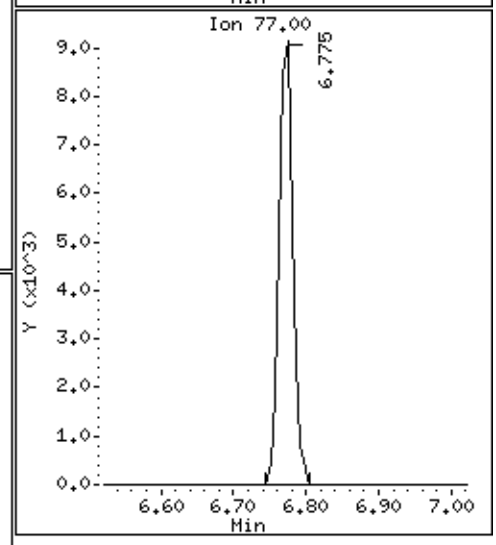












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

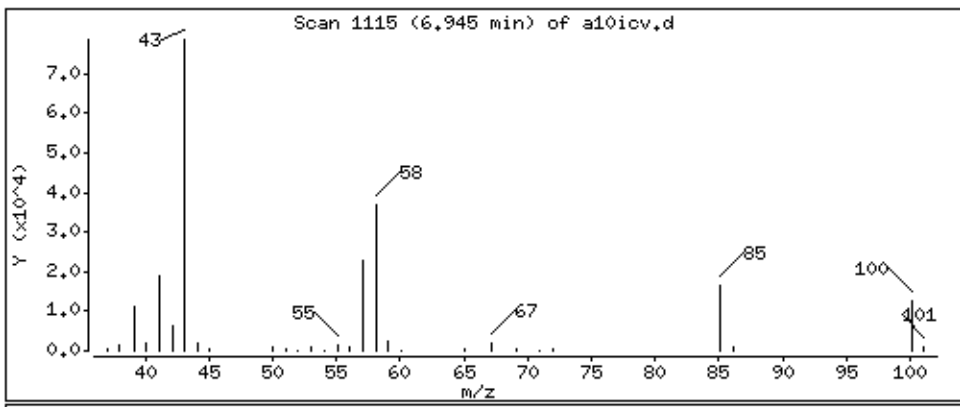
Operator: rsw

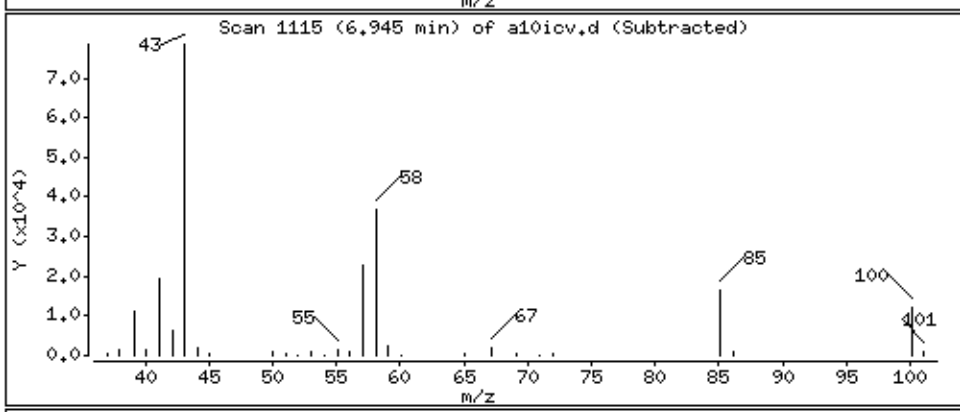
Column phase: DB-624

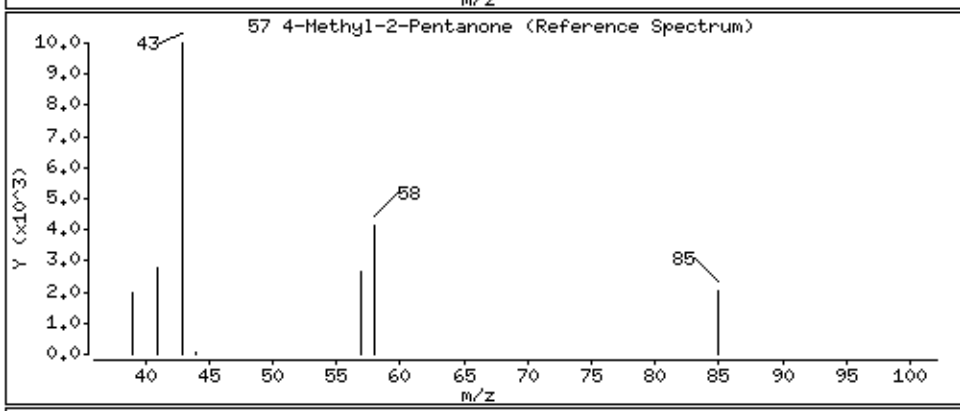
Column diameter: 0.18

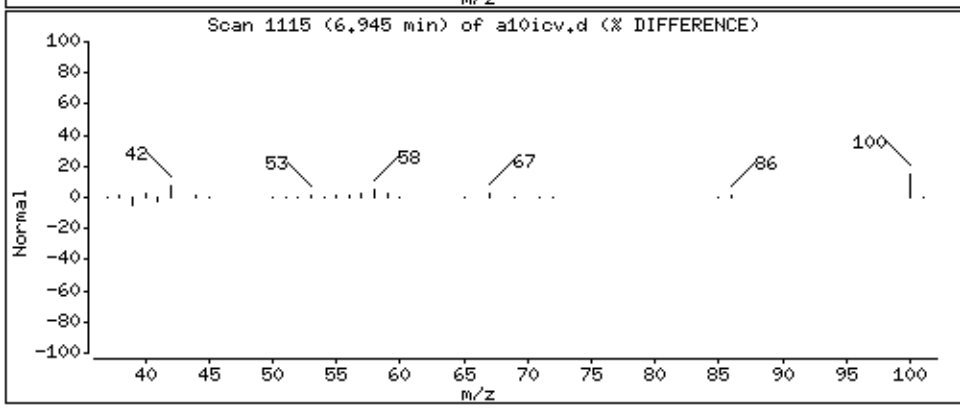
57 4-Methyl-2-Pentanone

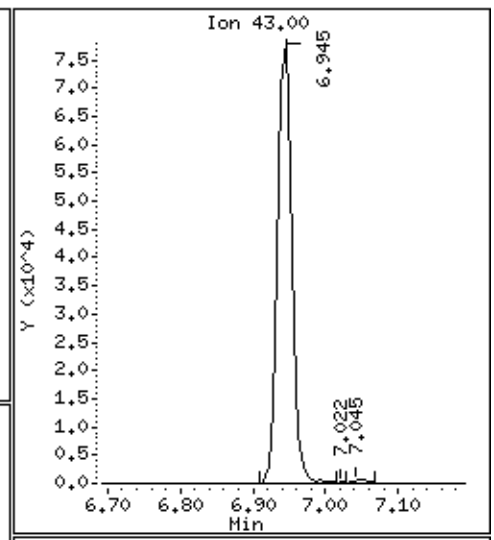
Concentration: 280 ppb

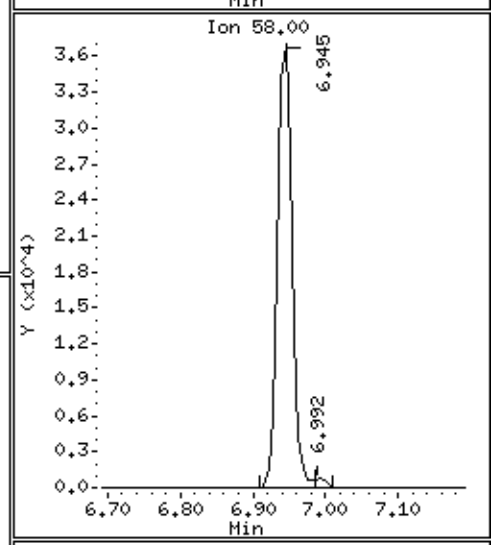


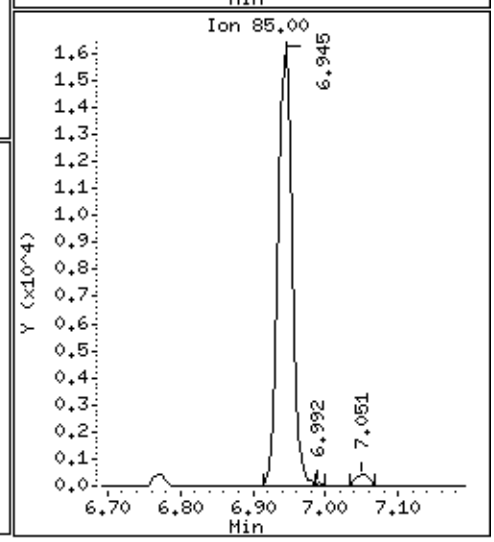












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

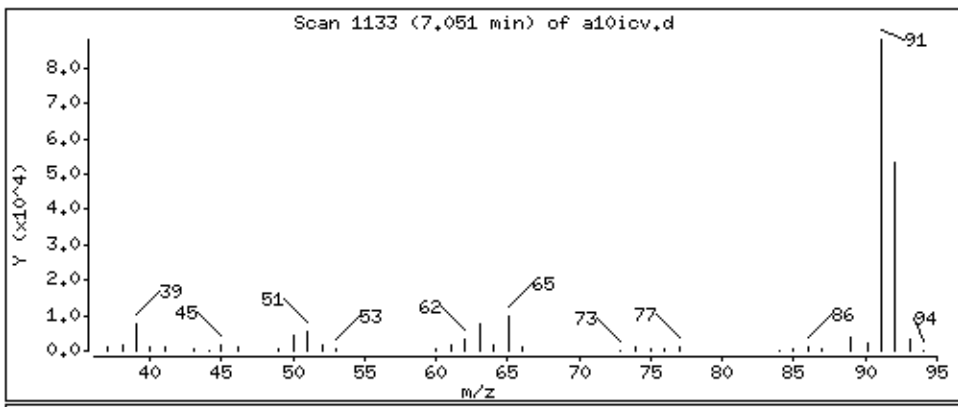
Operator: rsw

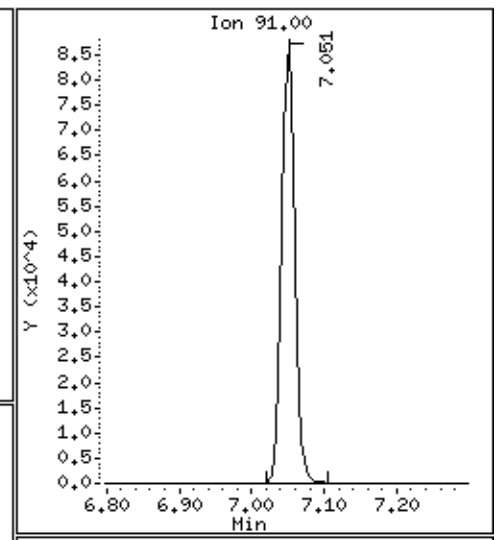
Column phase: DB-624

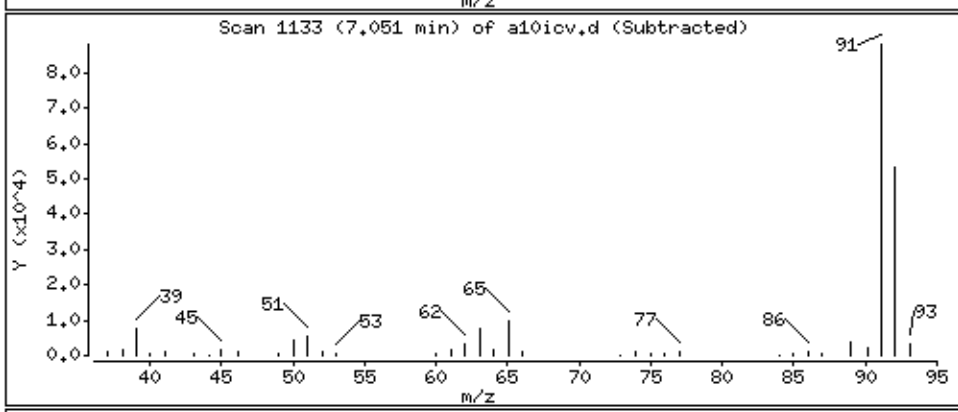
Column diameter: 0.18

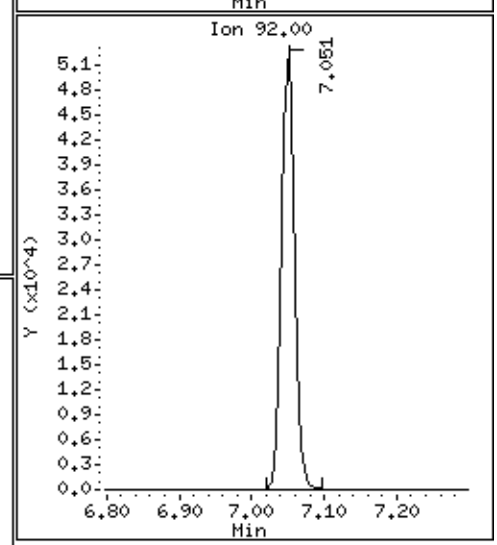
59 Toluene

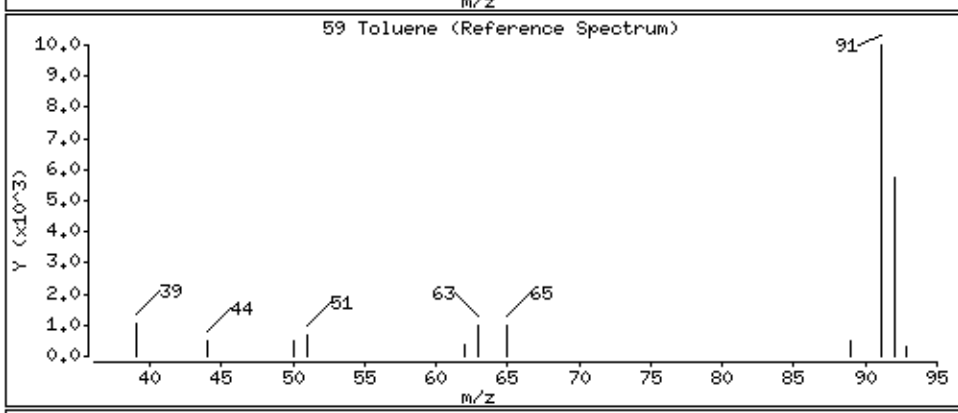
Concentration: 57.5 ppb

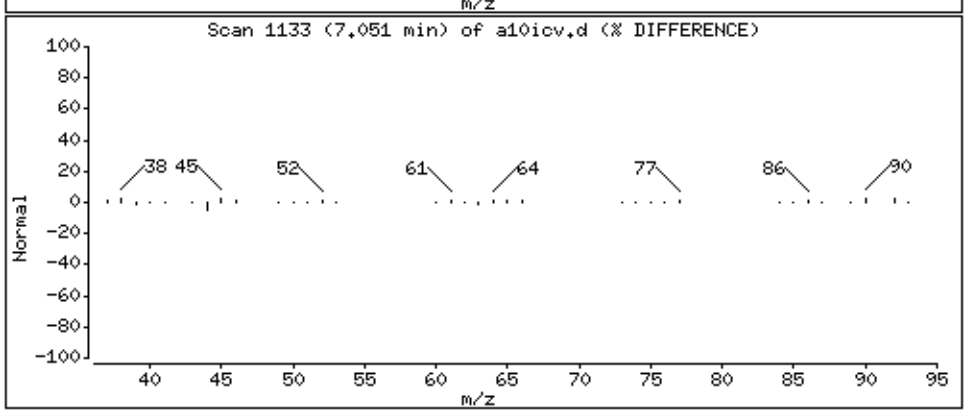












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

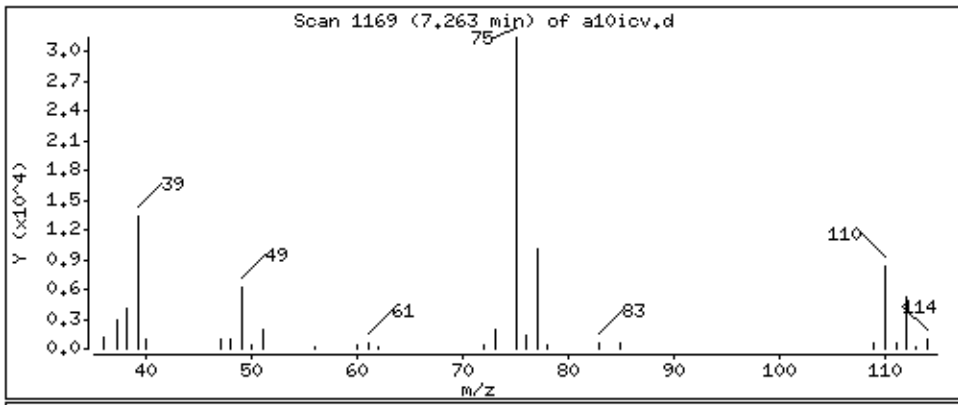
Operator: rsw

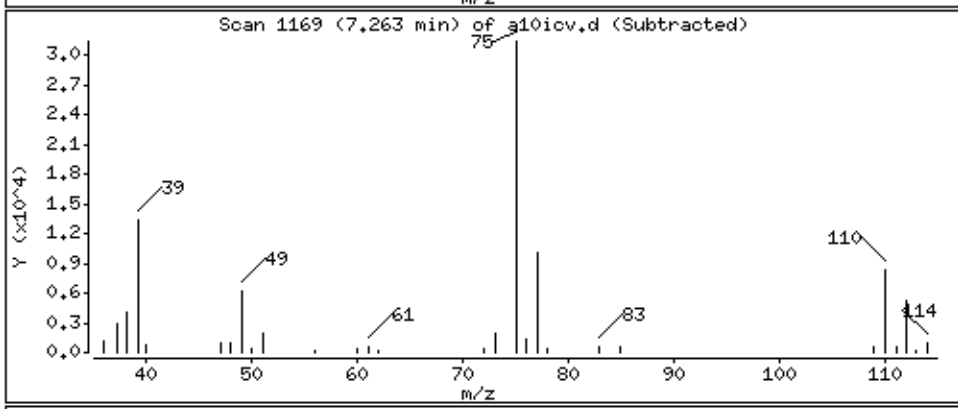
Column phase: DB-624

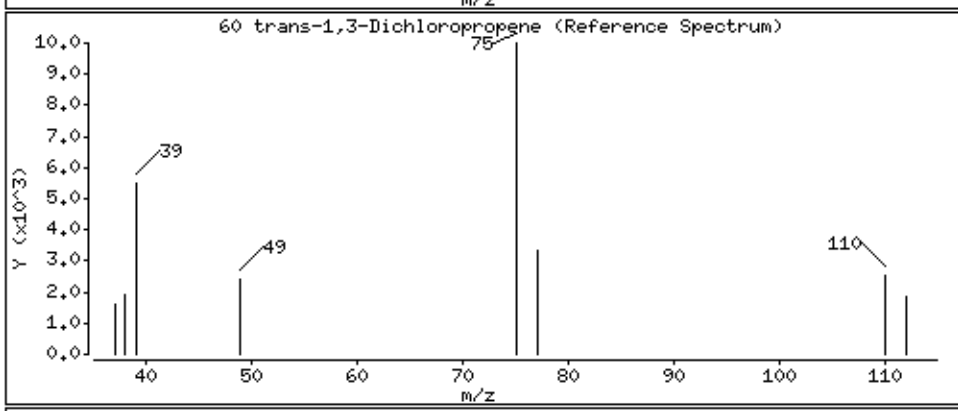
Column diameter: 0.18

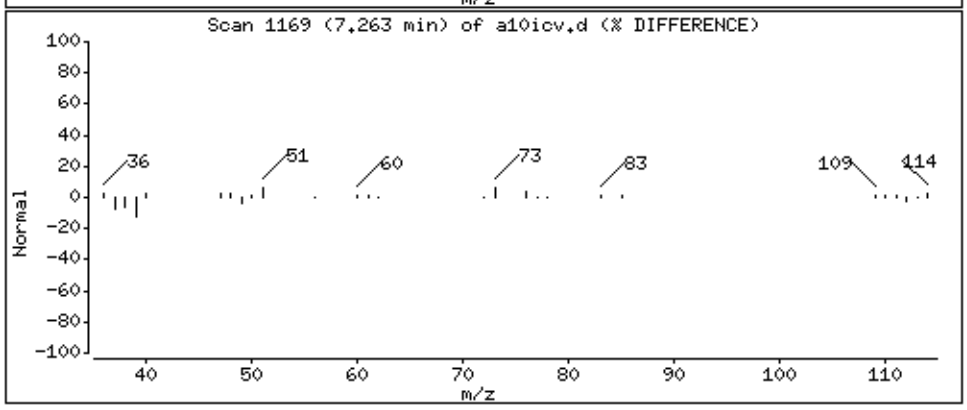
60 trans-1,3-Dichloropropene

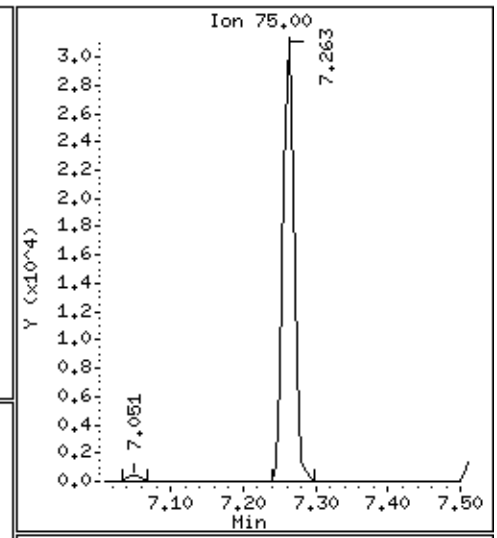
Concentration: 56.0 ppb

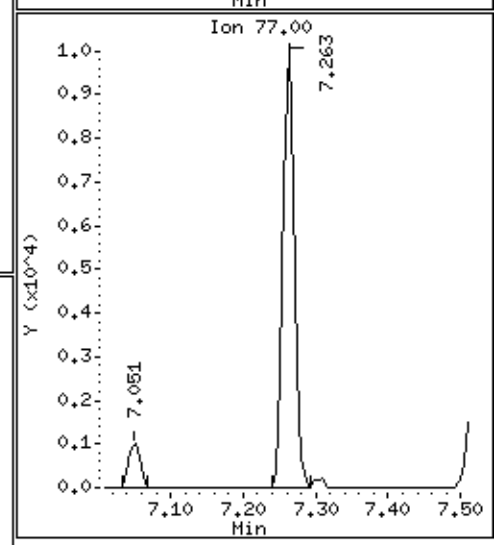












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

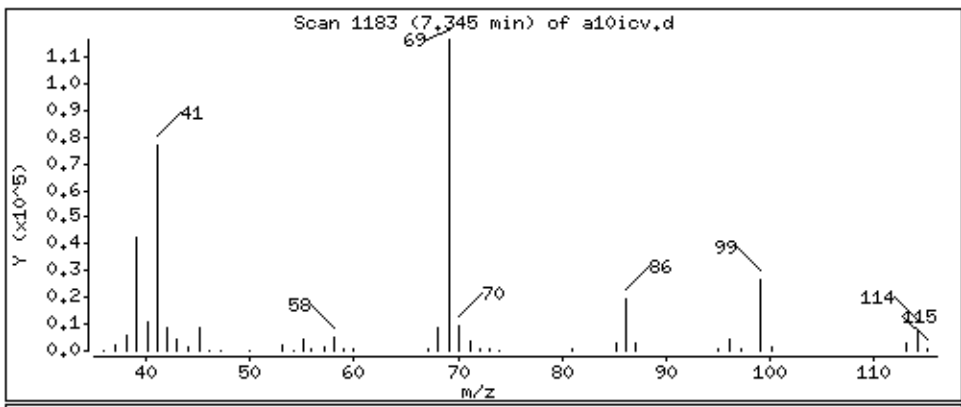
Operator: rsw

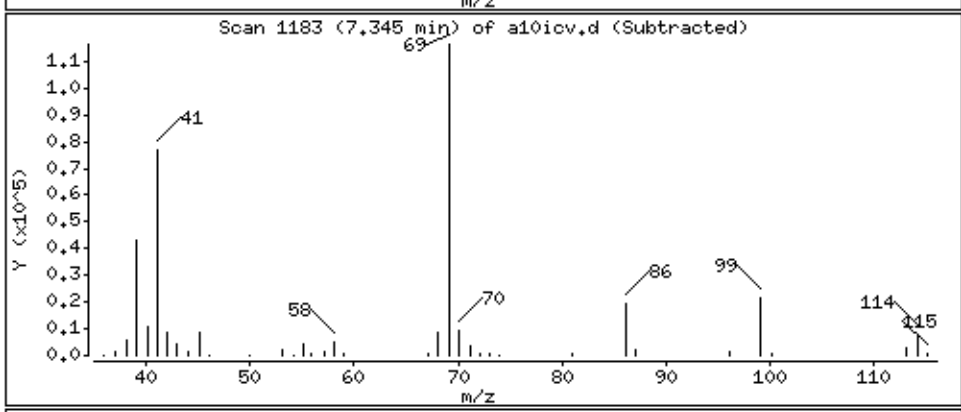
Column phase: DB-624

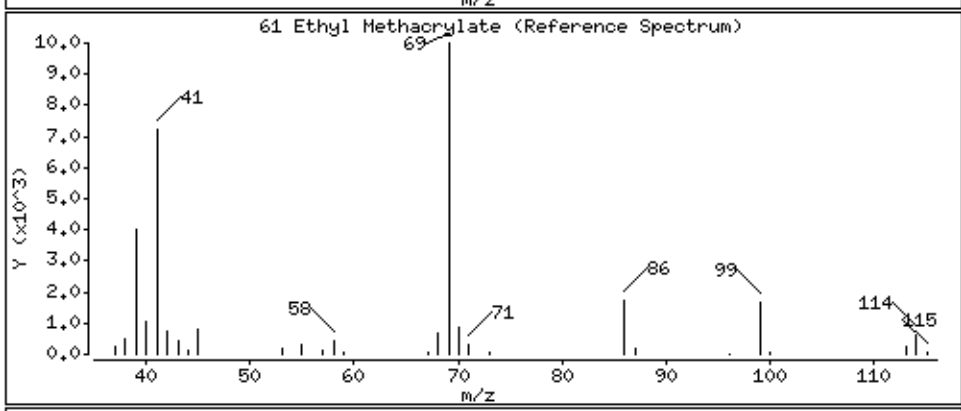
Column diameter: 0.18

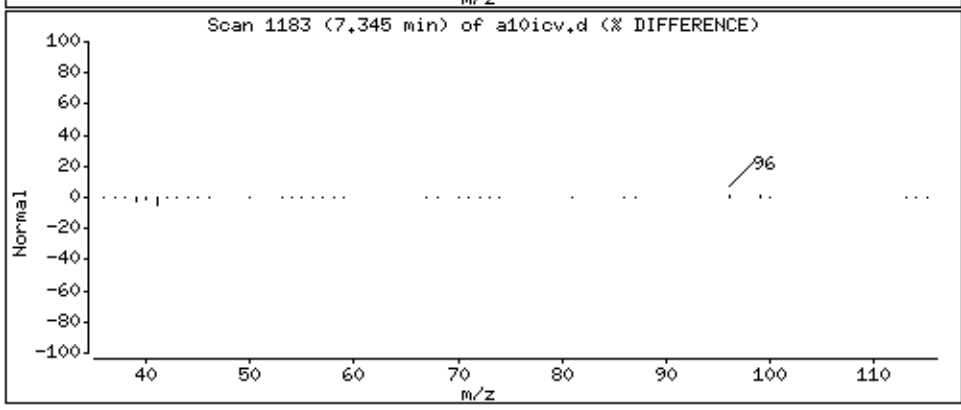
61 Ethyl Methacrylate

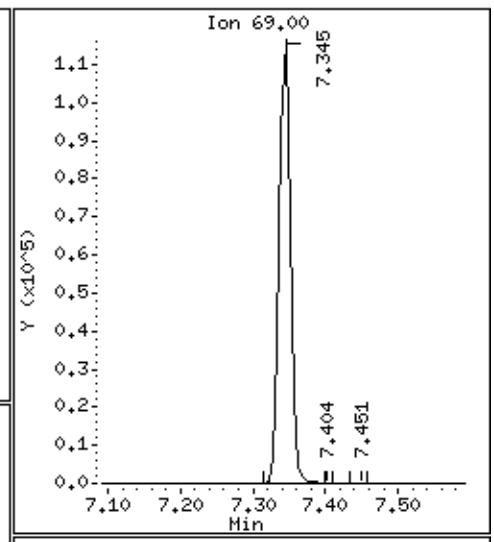
Concentration: 225 ppb

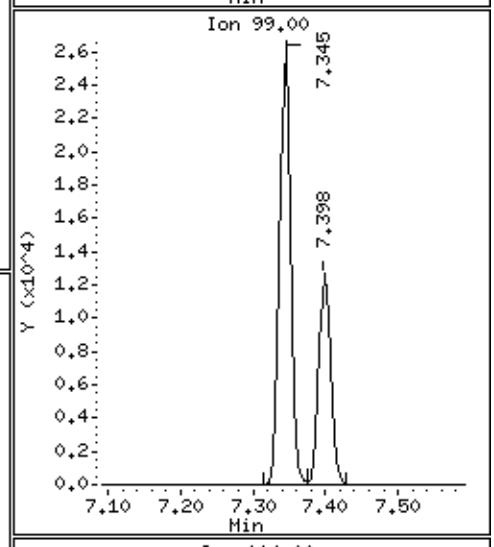


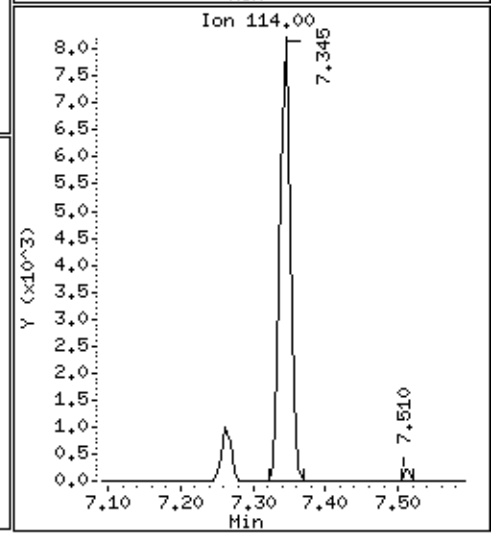












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

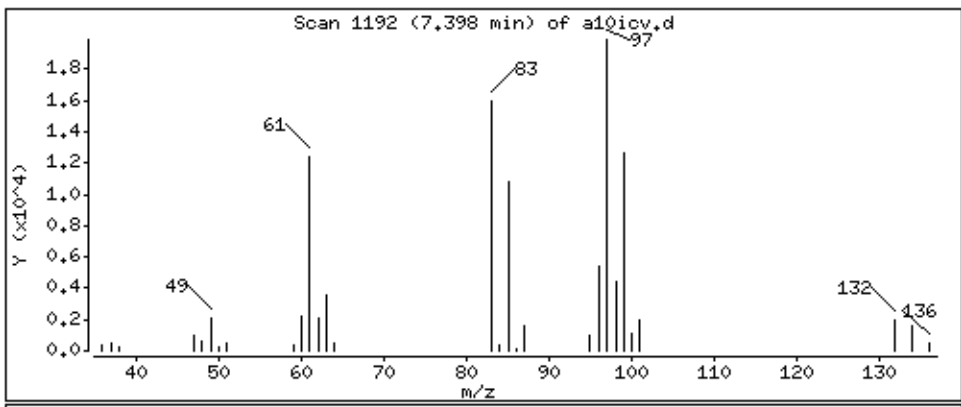
Operator: rsw

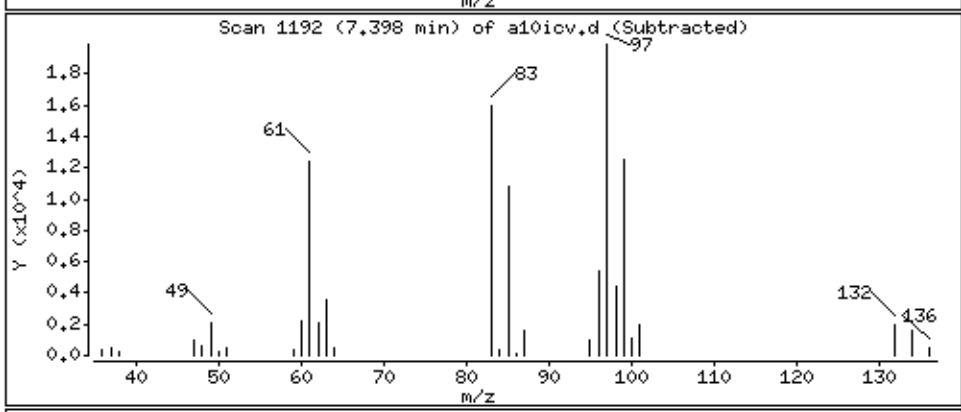
Column phase: DB-624

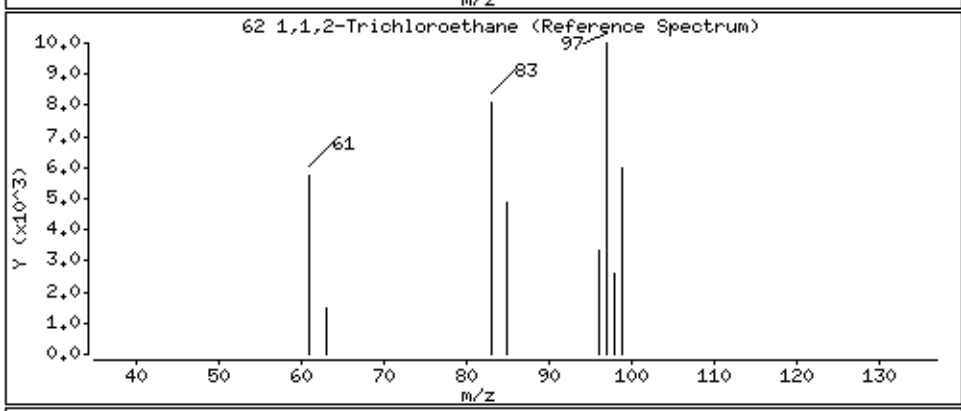
Column diameter: 0.18

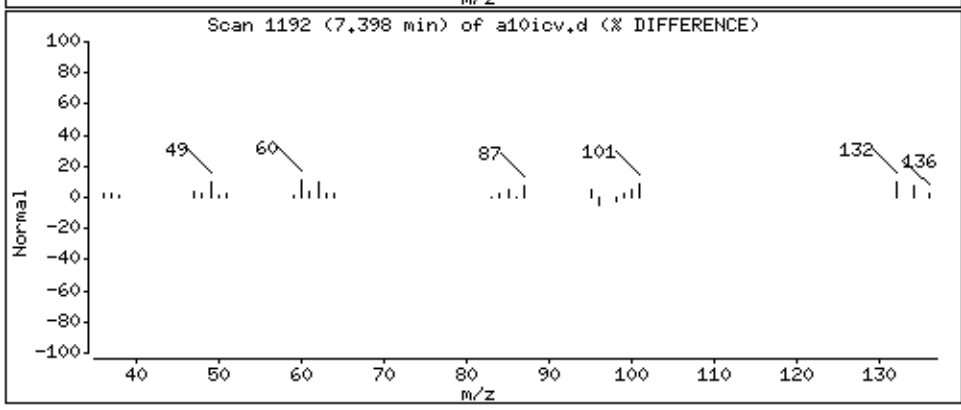
62 1,1,2-Trichloroethane

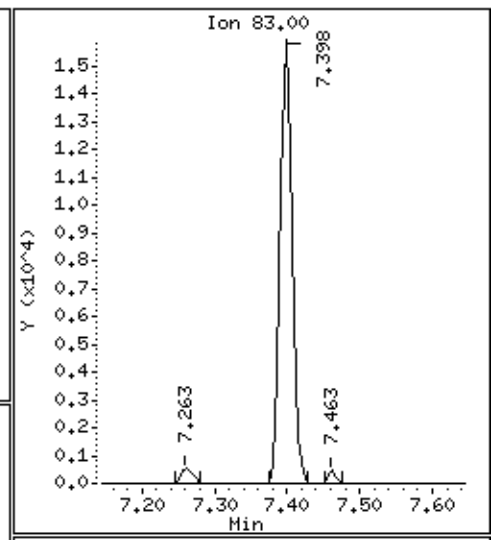
Concentration: 54.0 ppb

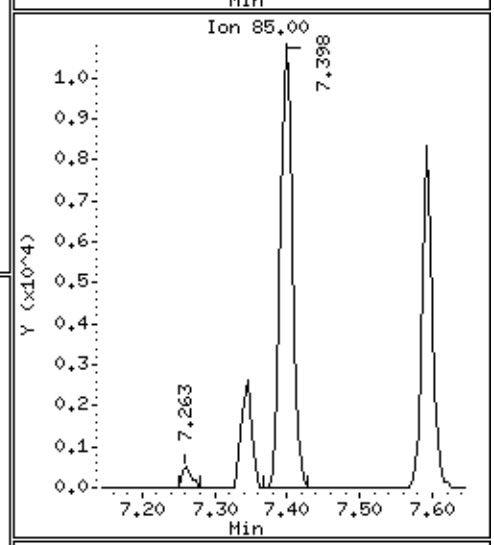


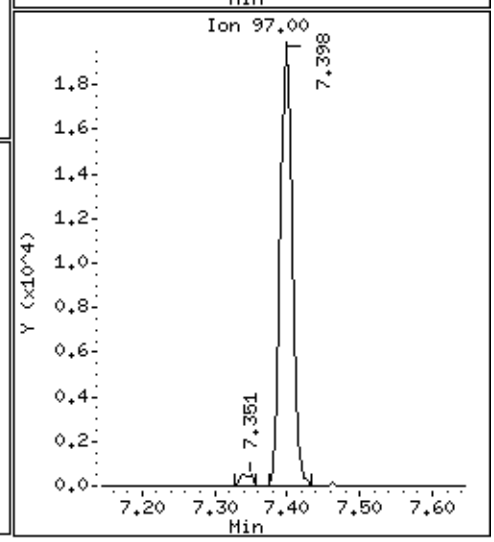












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

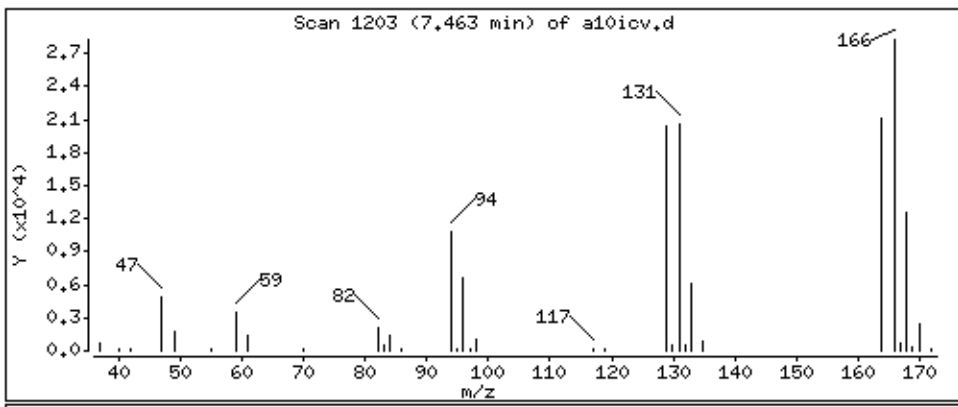
Operator: rsw

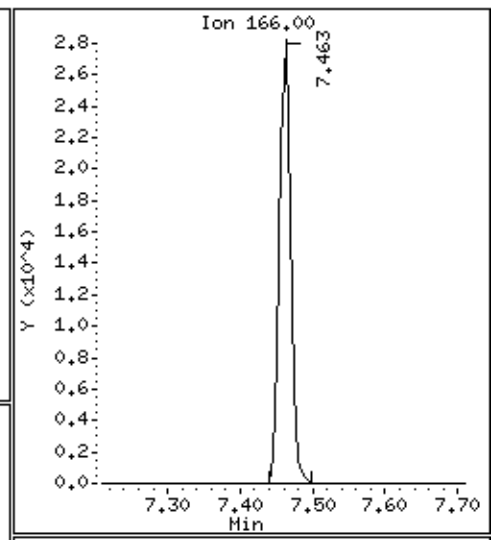
Column phase: DB-624

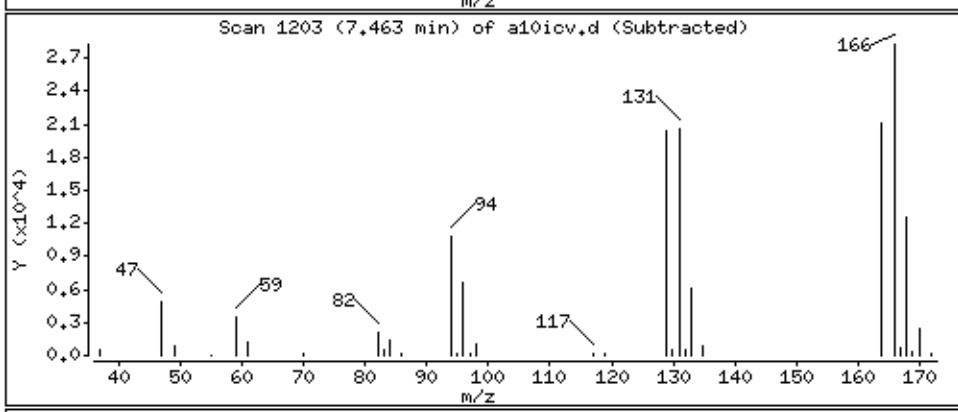
Column diameter: 0.18

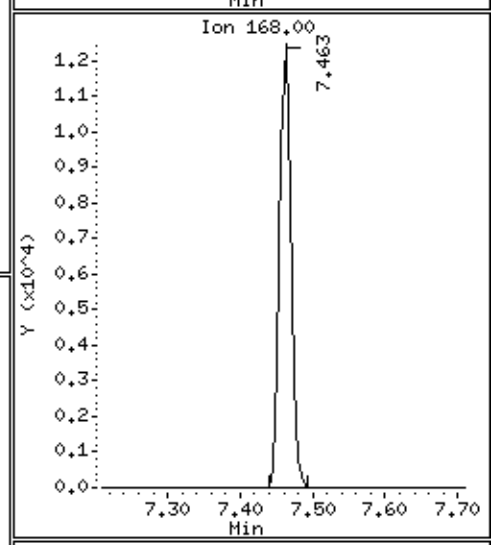
63 Tetrachloroethene

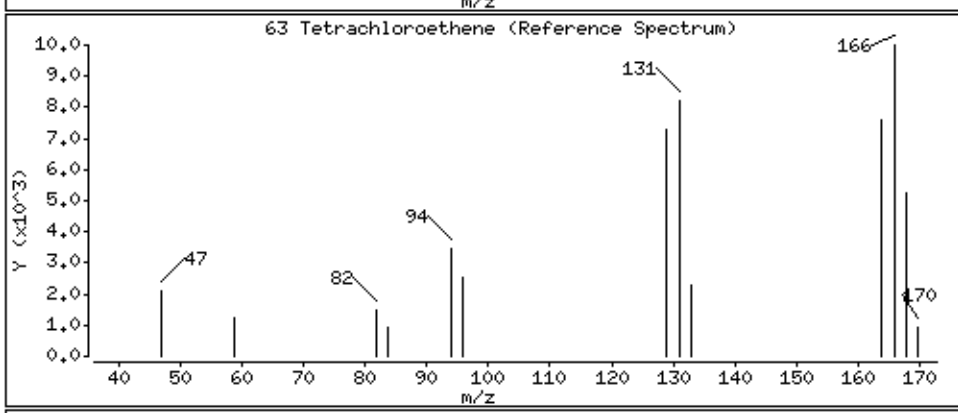
Concentration: 53.2 ppb

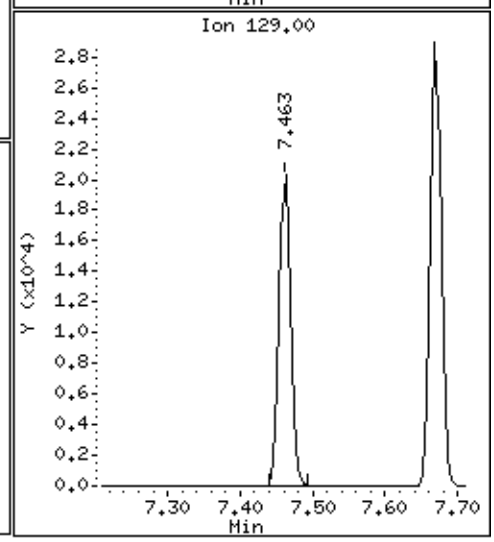


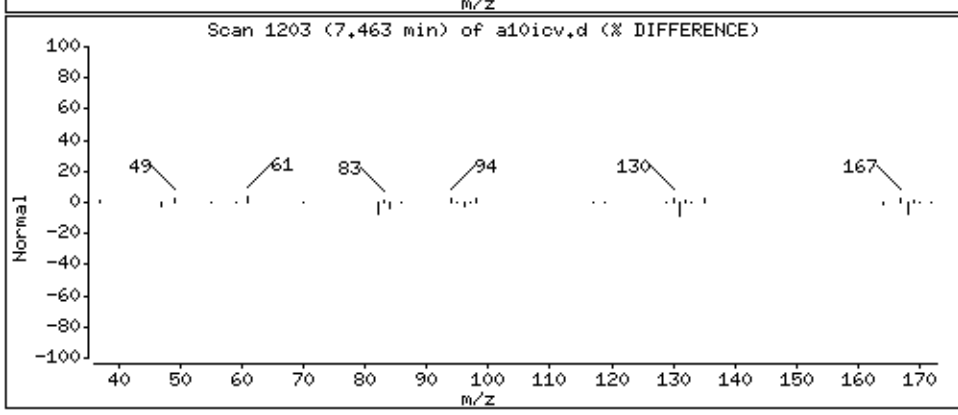












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

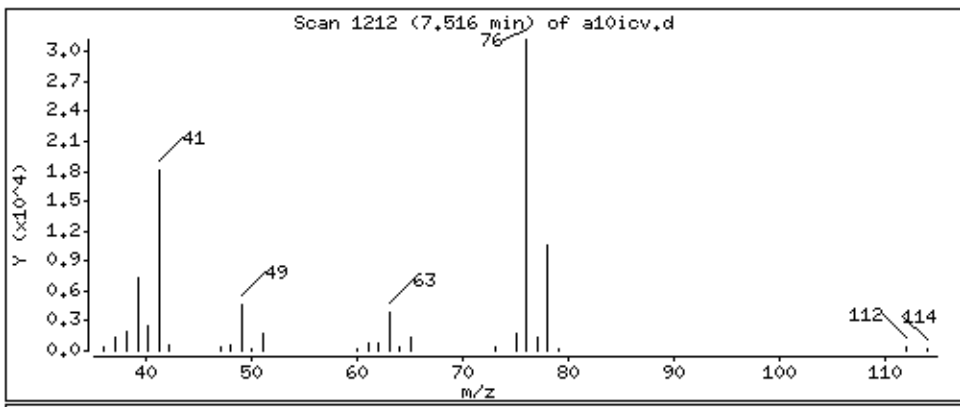
Operator: rsw

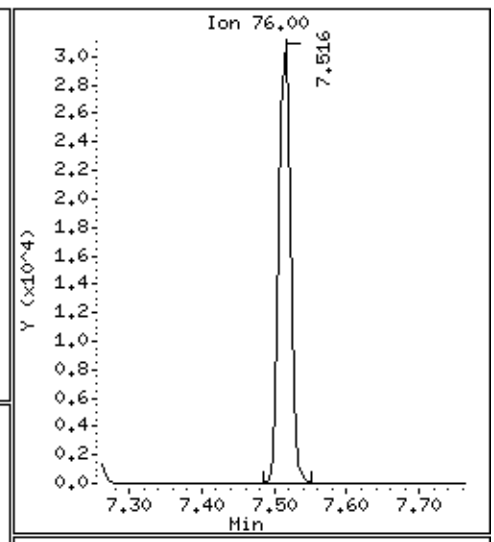
Column phase: DB-624

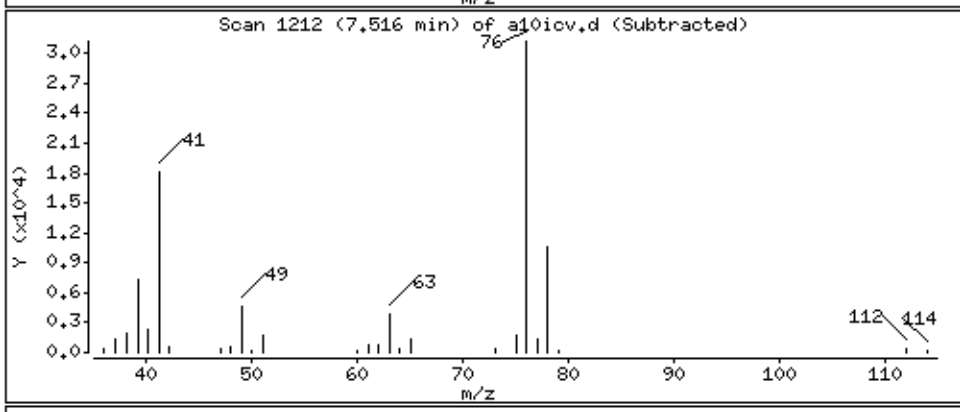
Column diameter: 0.18

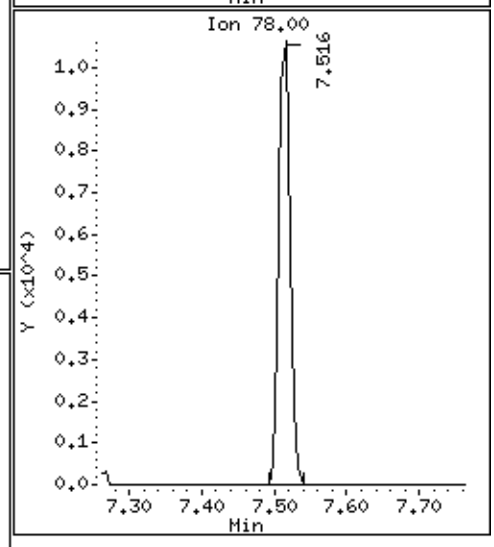
64 1,3-Dichloropropane

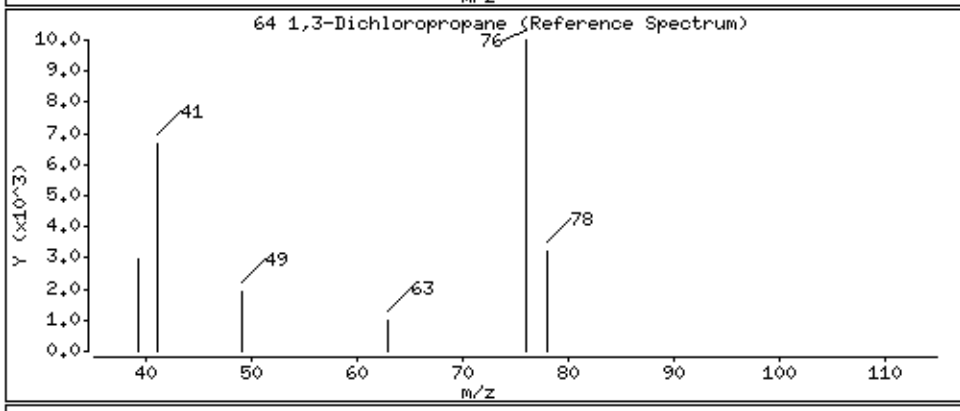
Concentration: 52.6 ppb

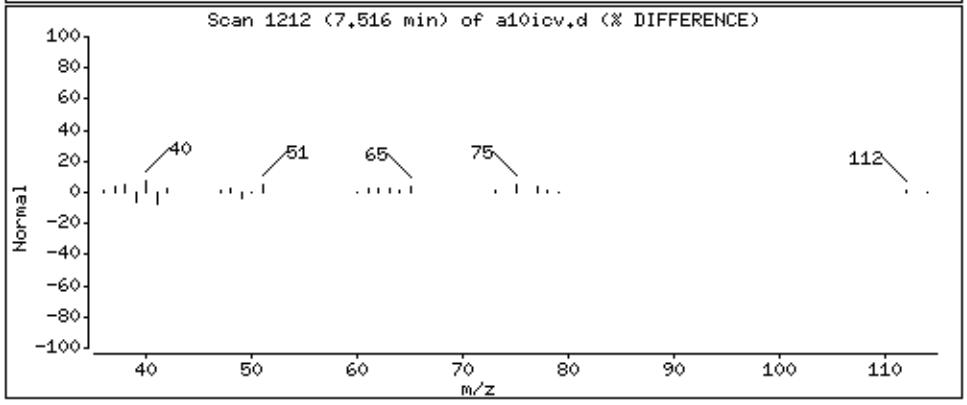












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

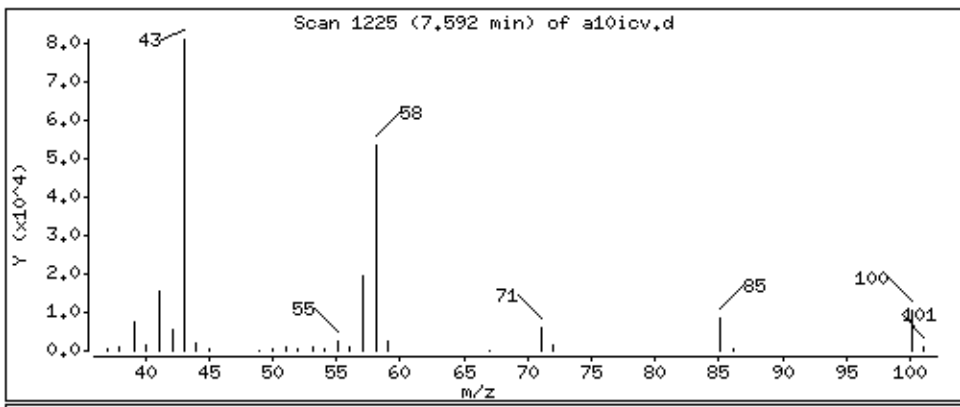
Operator: rsw

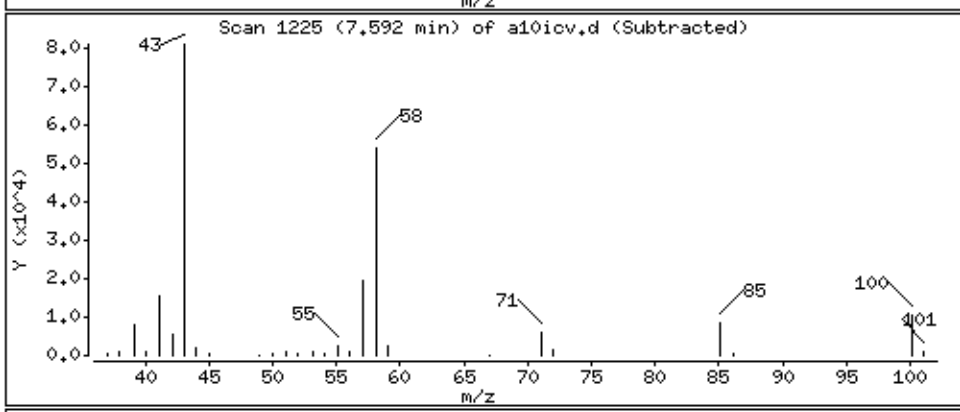
Column phase: DB-624

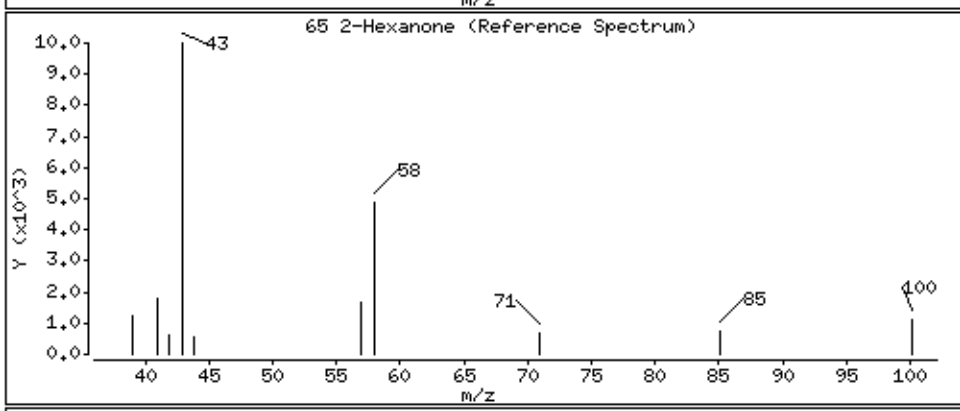
Column diameter: 0.18

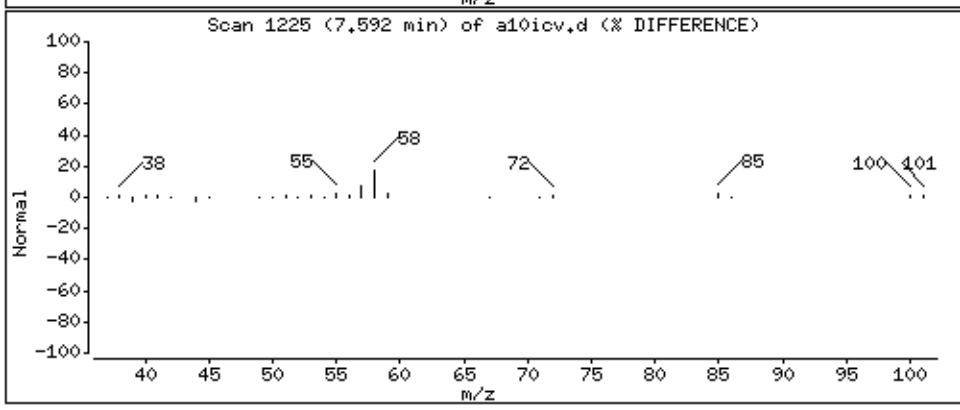
65 2-Hexanone

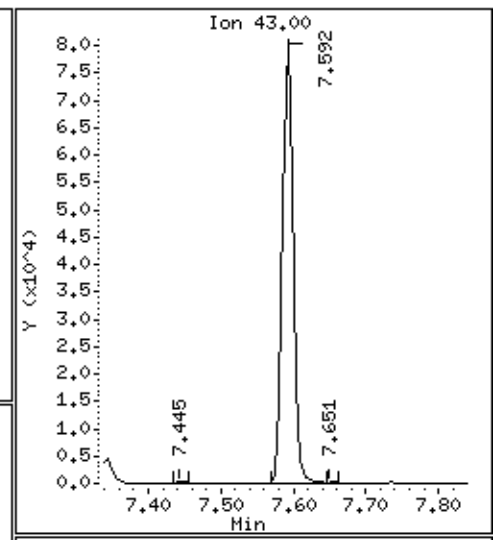
Concentration: 311 ppb

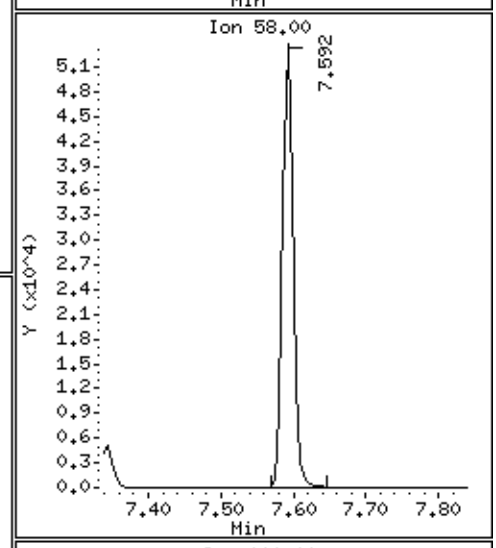


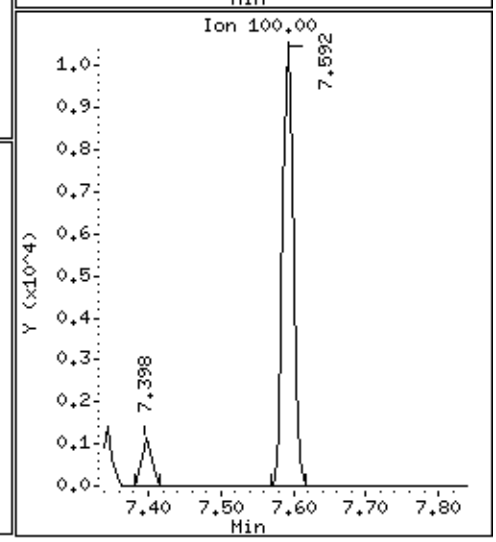












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

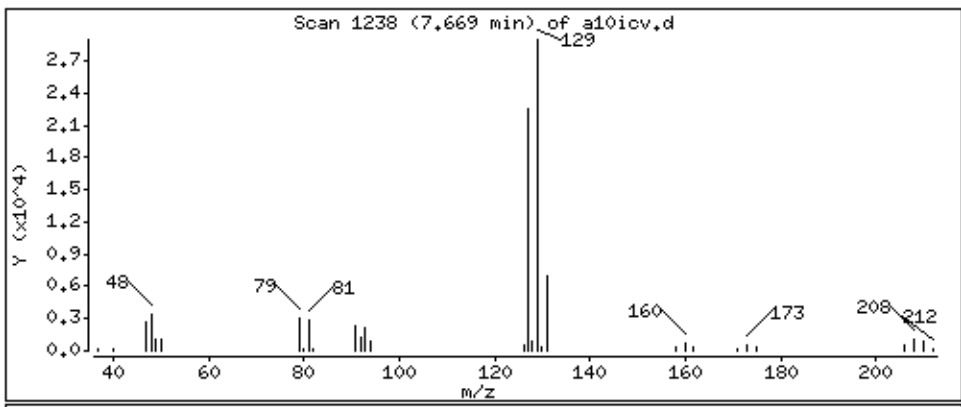
Operator: rsw

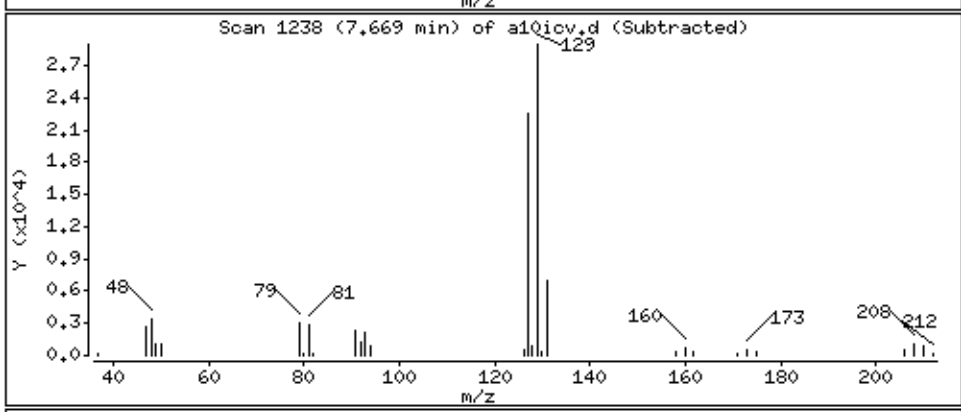
Column phase: DB-624

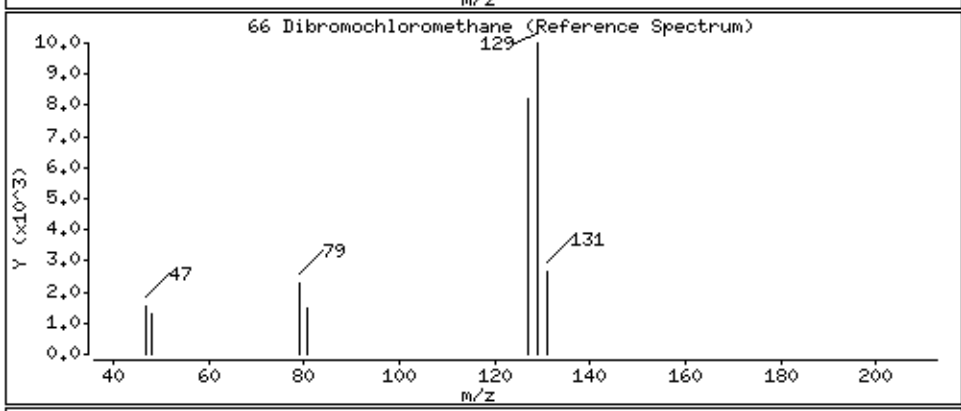
Column diameter: 0.18

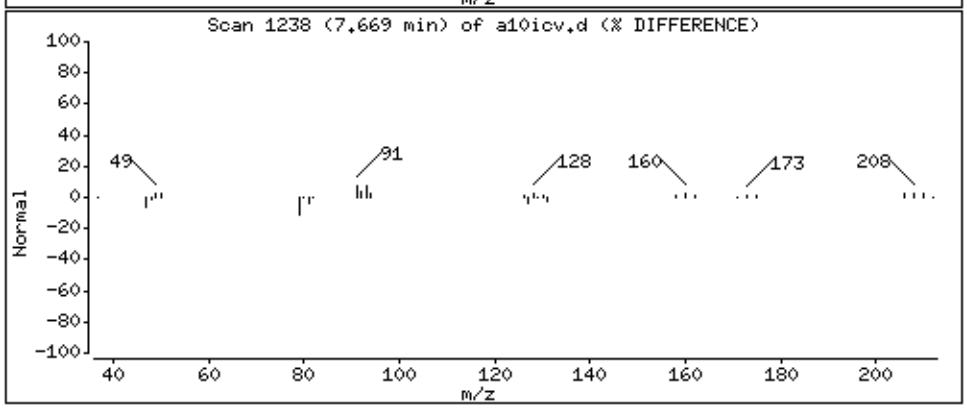
66 Dibromochloromethane

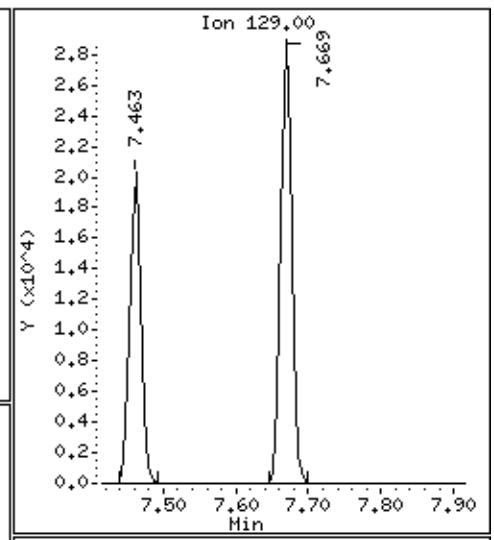
Concentration: 54.7 ppb

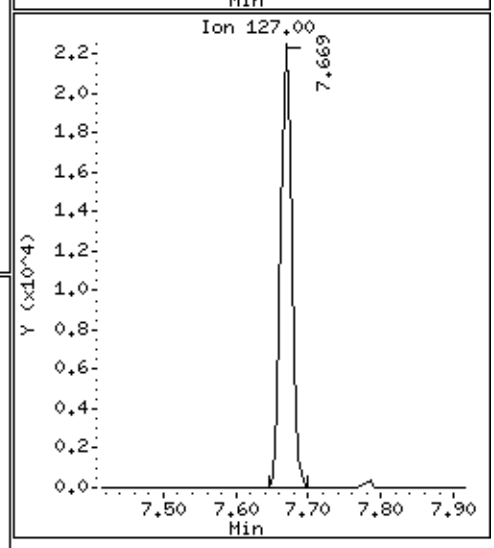












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

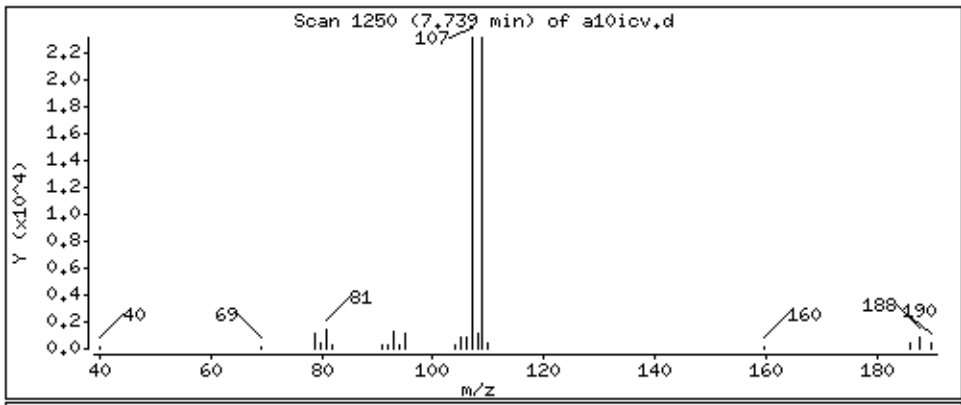
Operator: rsw

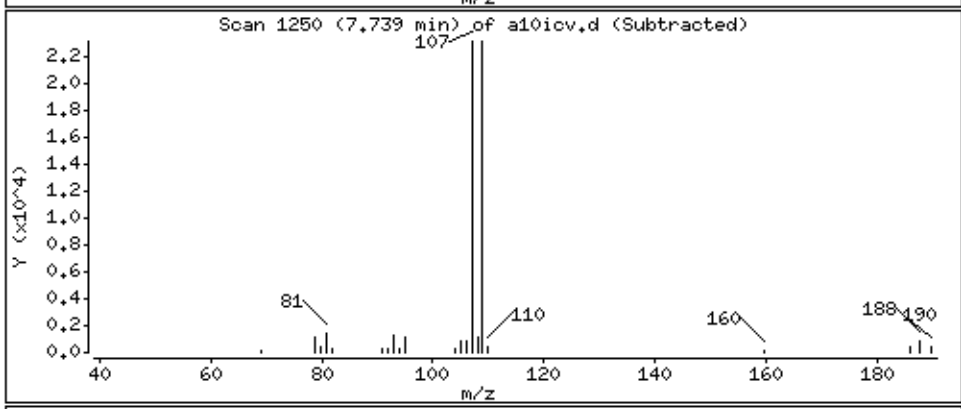
Column phase: DB-624

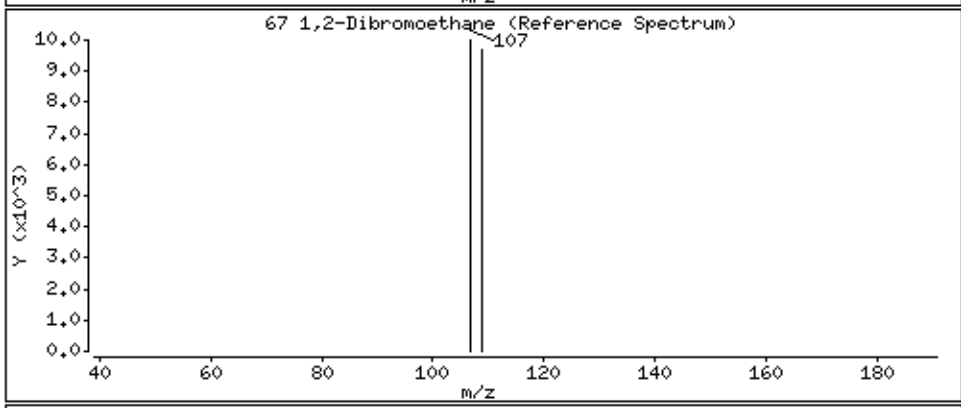
Column diameter: 0.18

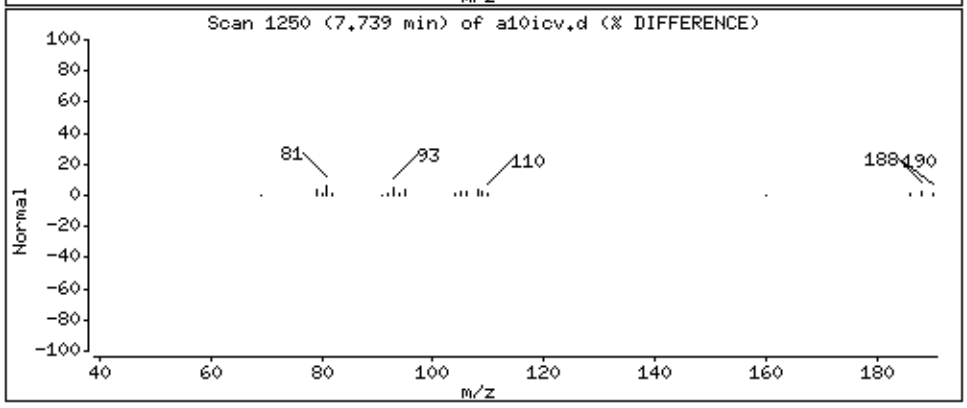
67 1,2-Dibromoethane

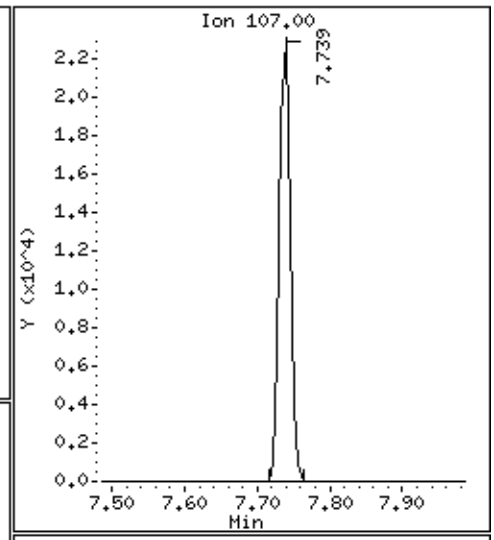
Concentration: 53.6 ppb

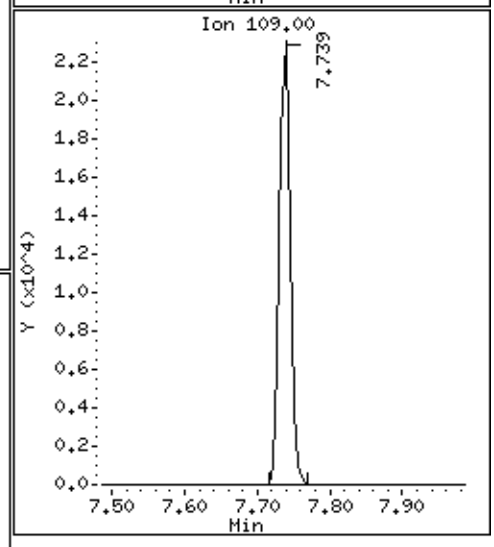












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

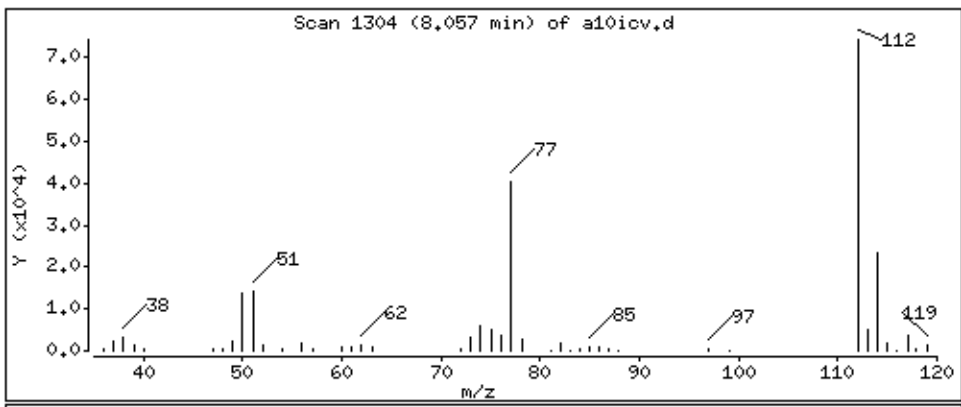
Operator: rsw

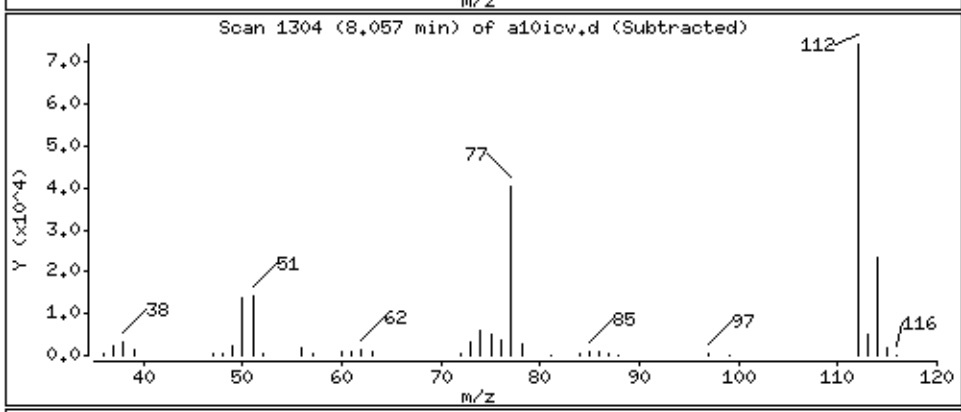
Column phase: DB-624

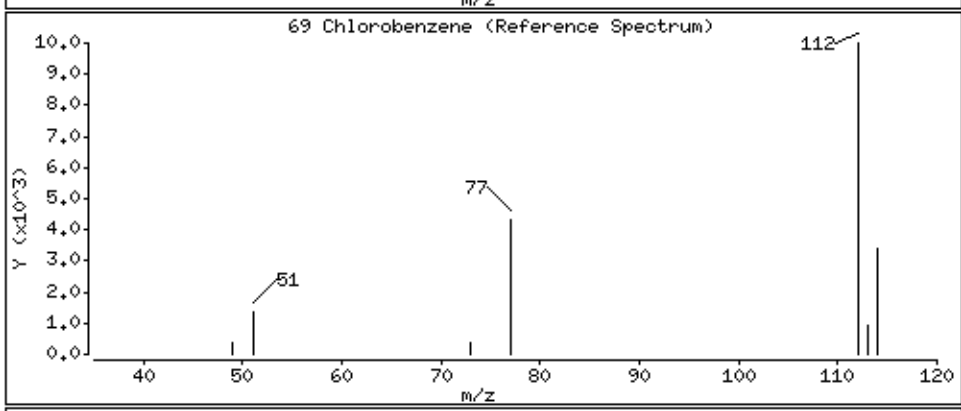
Column diameter: 0.18

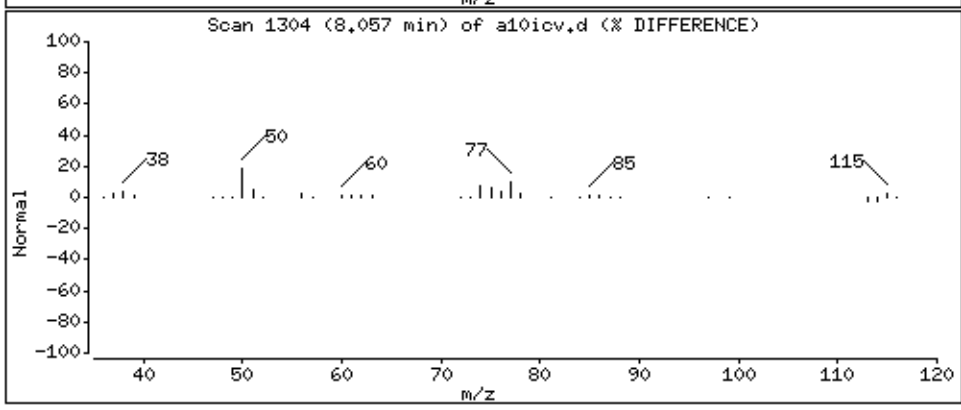
69 Chlorobenzene

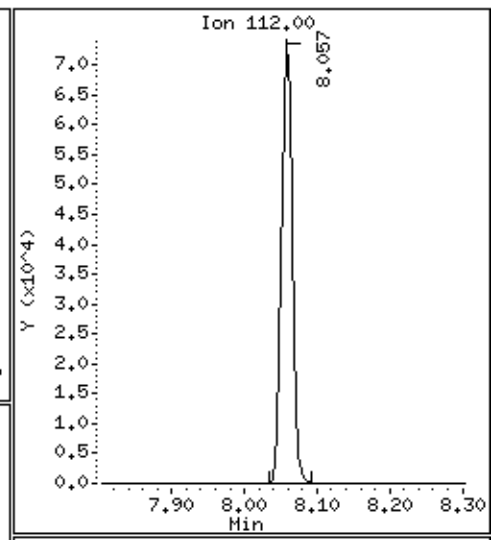
Concentration: 54.1 ppb

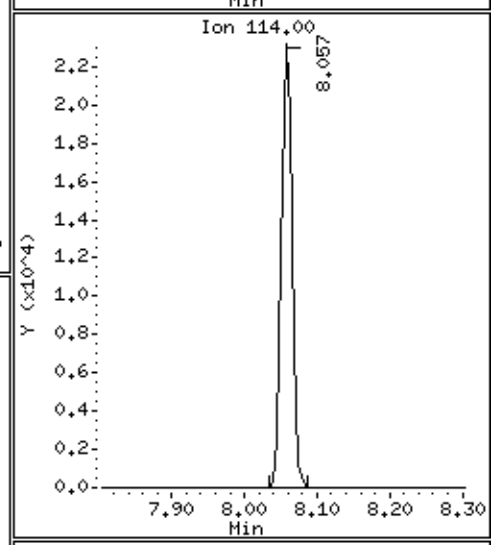


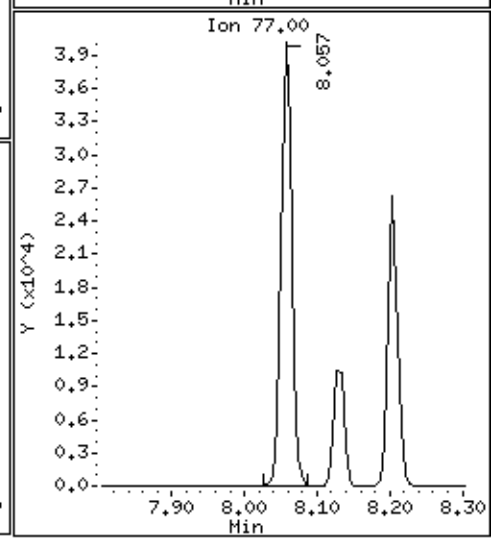












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

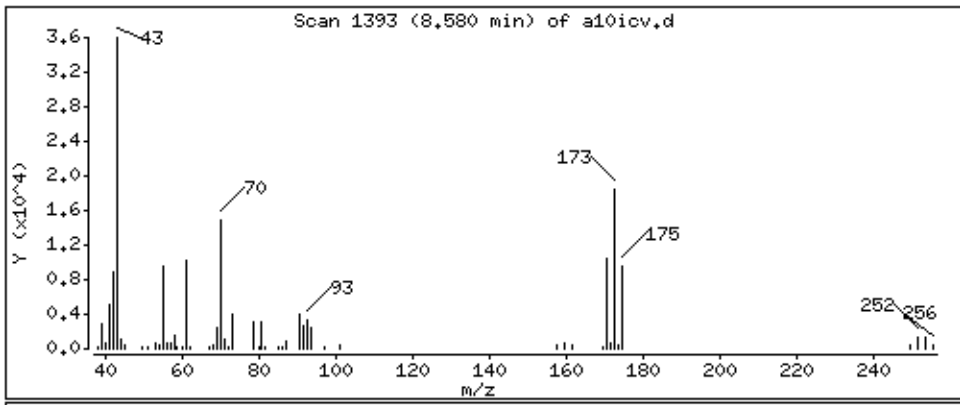
Operator: rsw

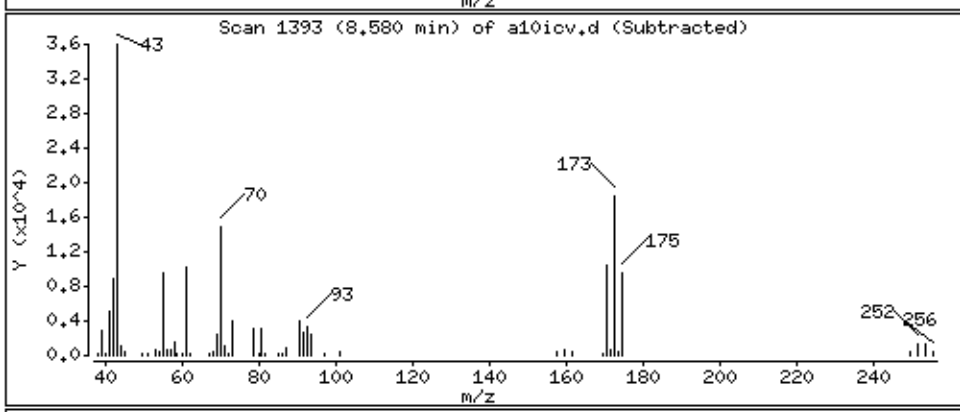
Column phase: DB-624

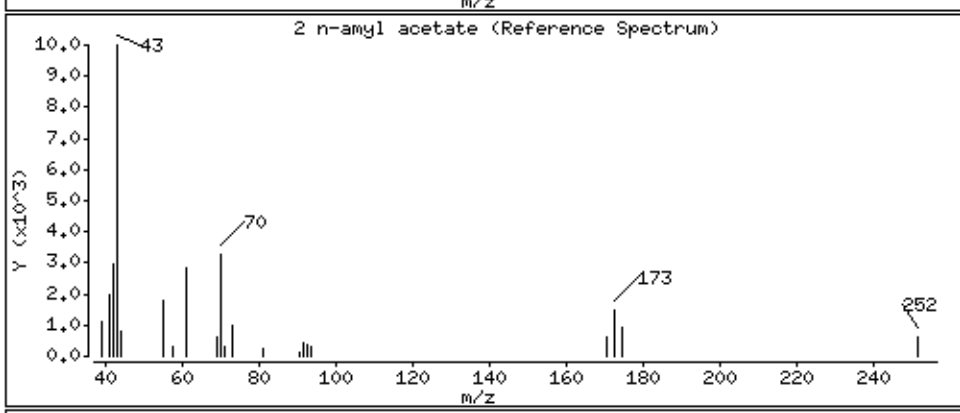
Column diameter: 0.18

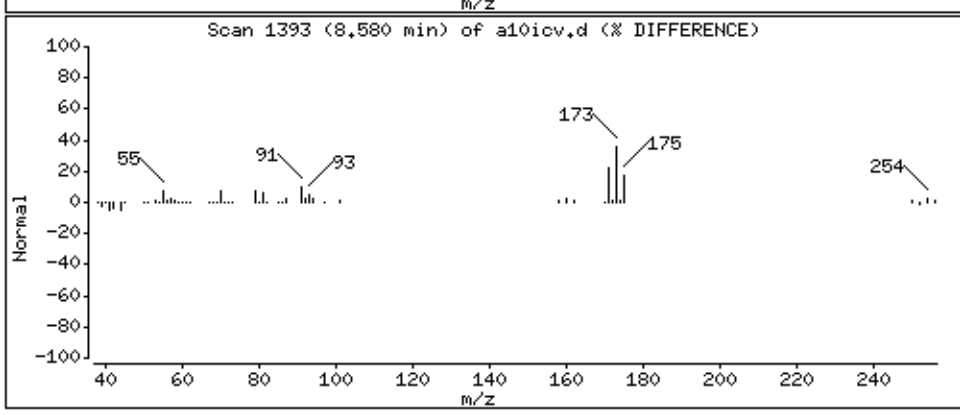
2 n-amyl acetate

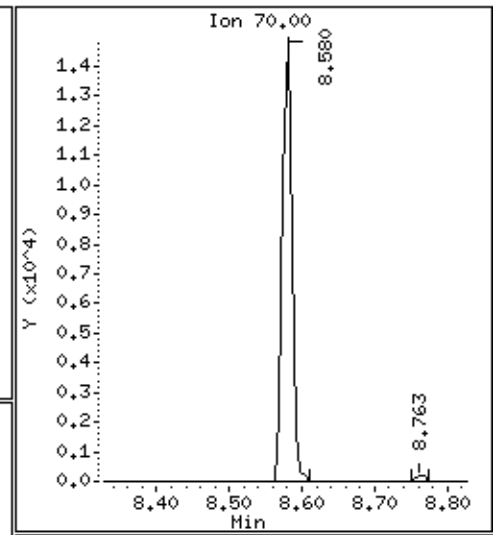
Concentration: 46.8 ppb

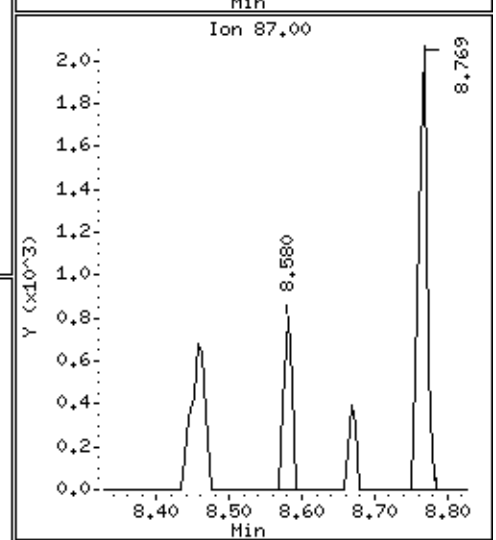


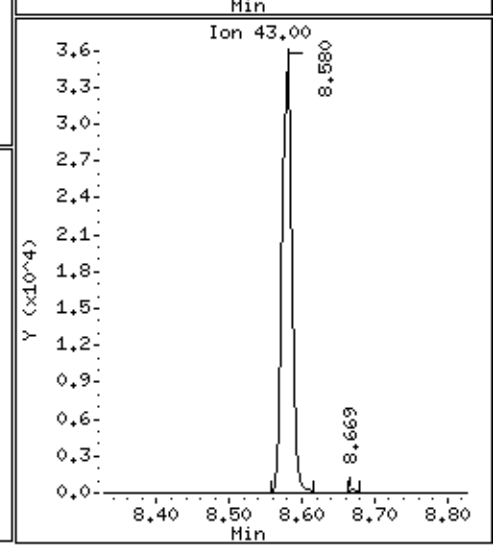












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

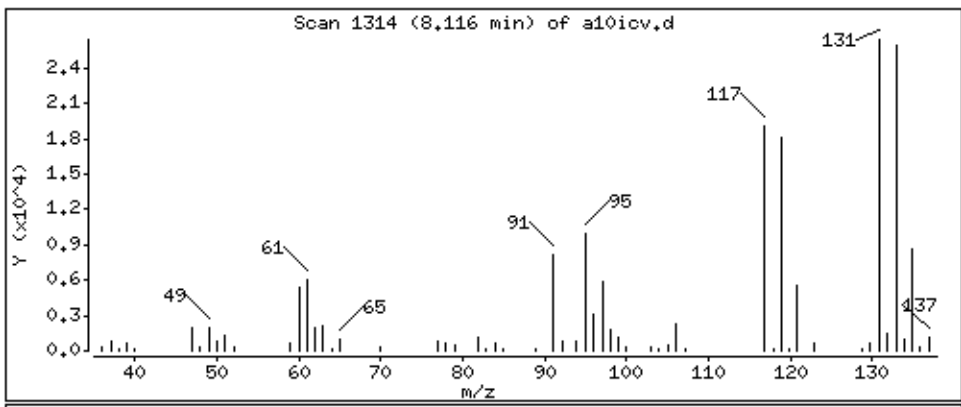
Operator: rsw

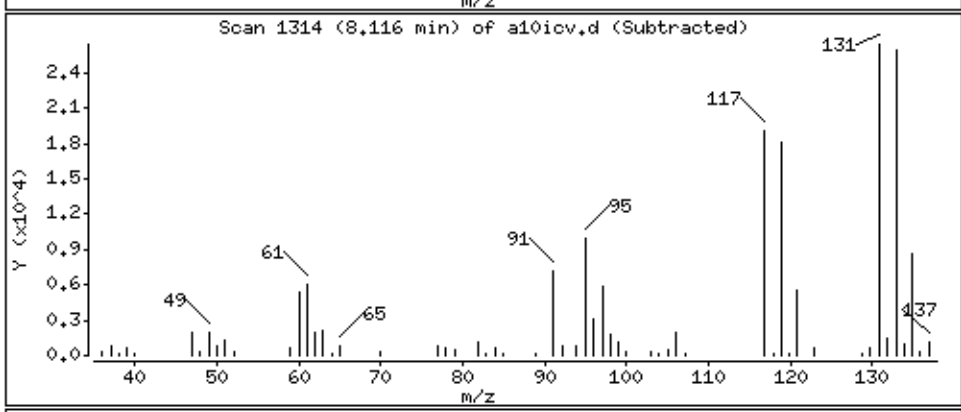
Column phase: DB-624

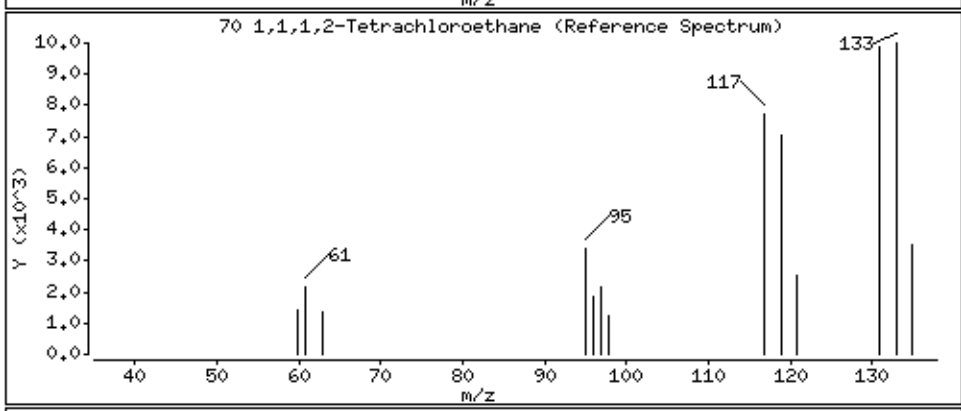
Column diameter: 0.18

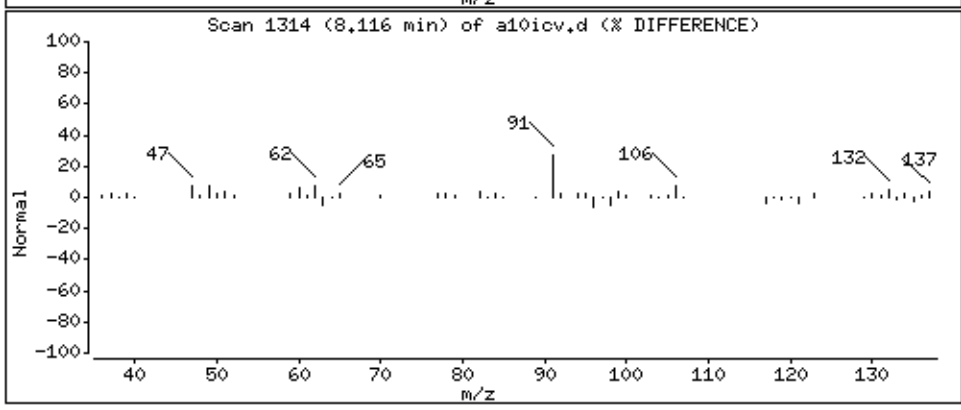
70 1,1,1,2-Tetrachloroethane

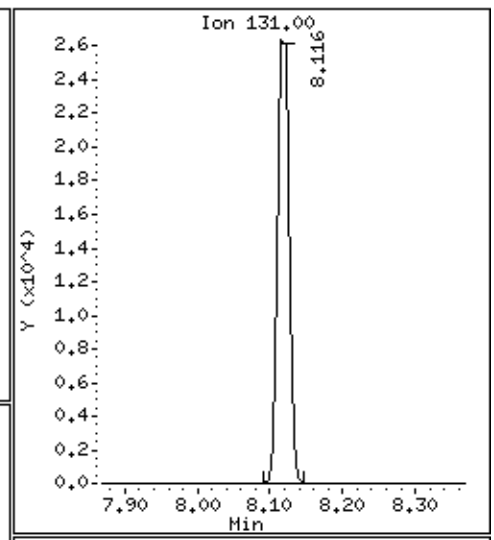
Concentration: 54.8 ppb

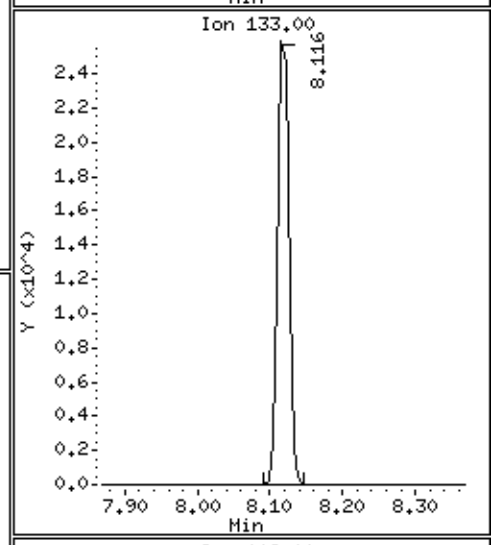


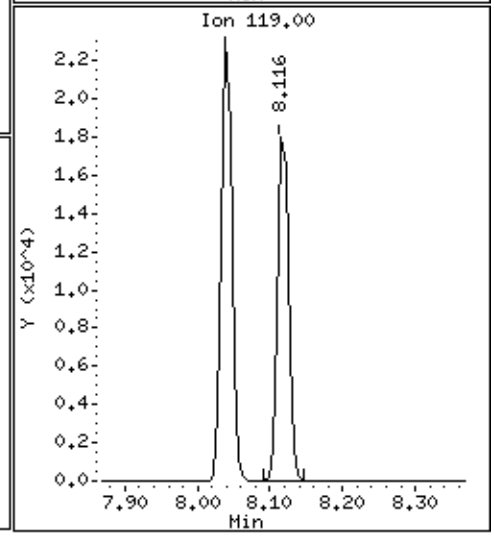












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

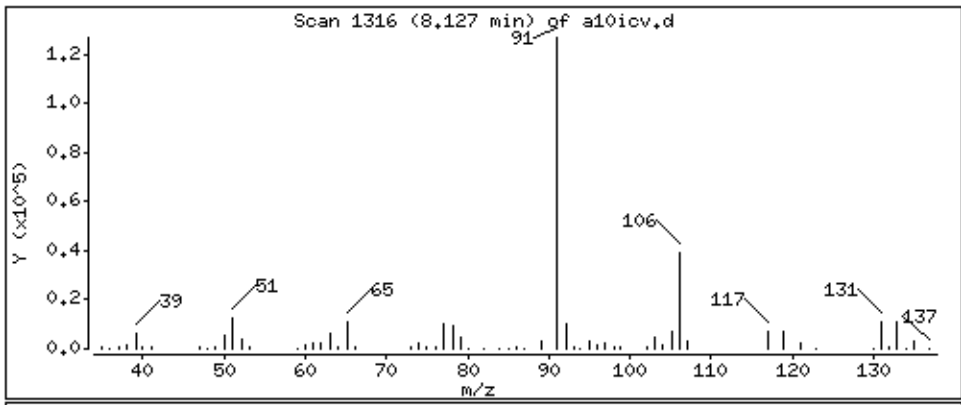
Operator: rsw

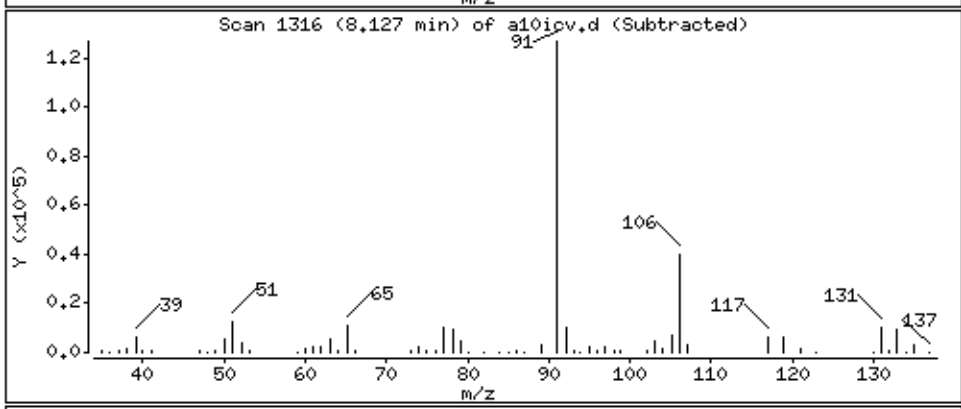
Column phase: DB-624

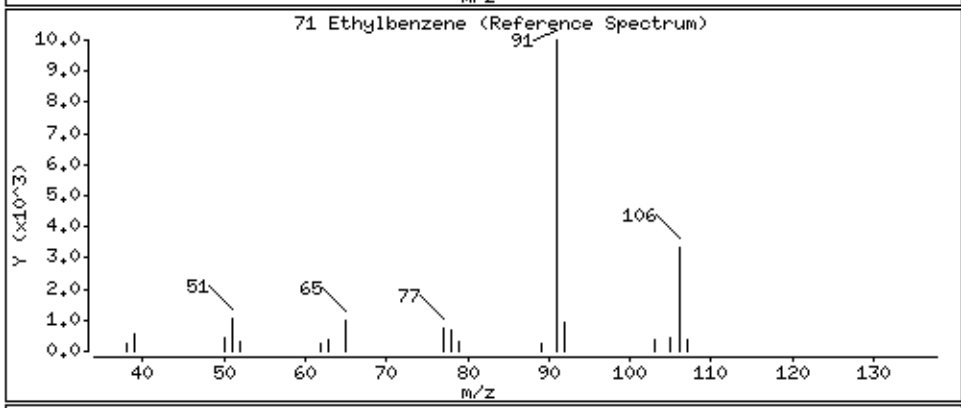
Column diameter: 0.18

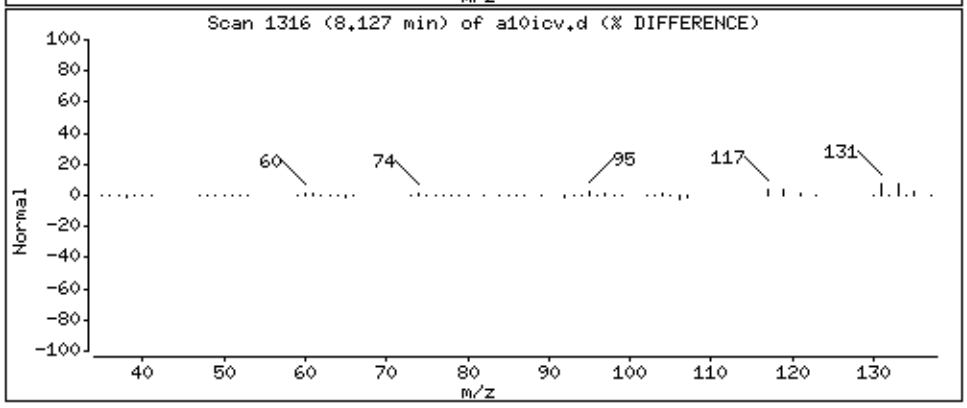
71 Ethylbenzene

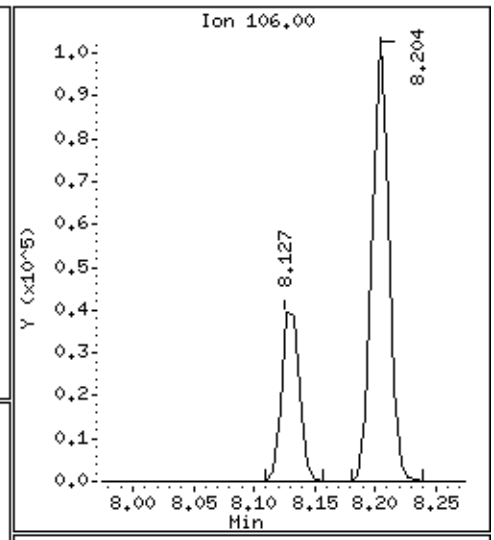
Concentration: 60.5 ppb

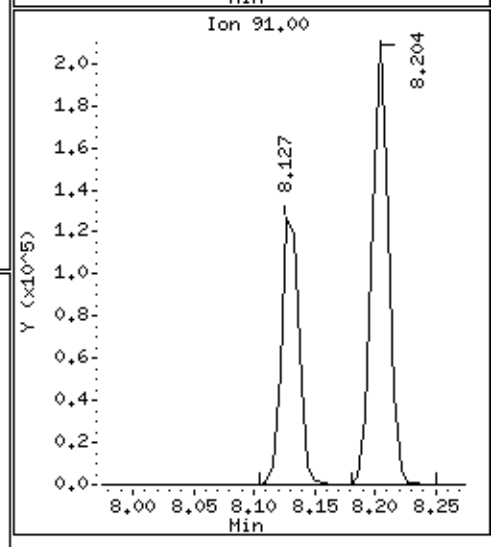












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

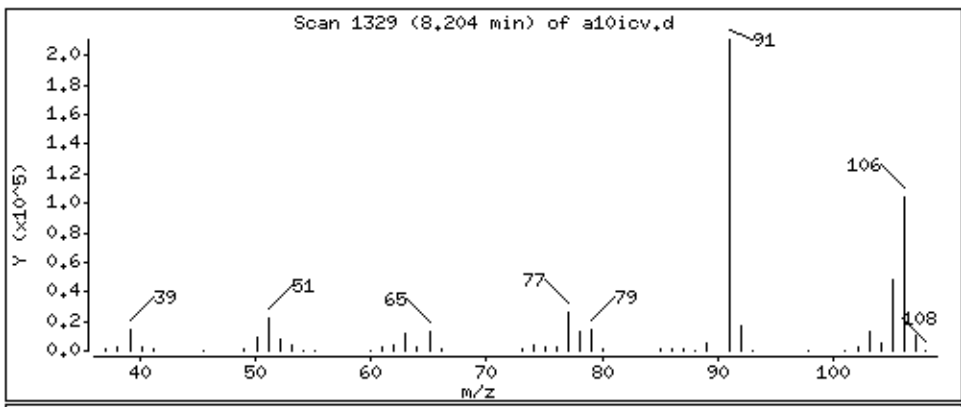
Operator: rsw

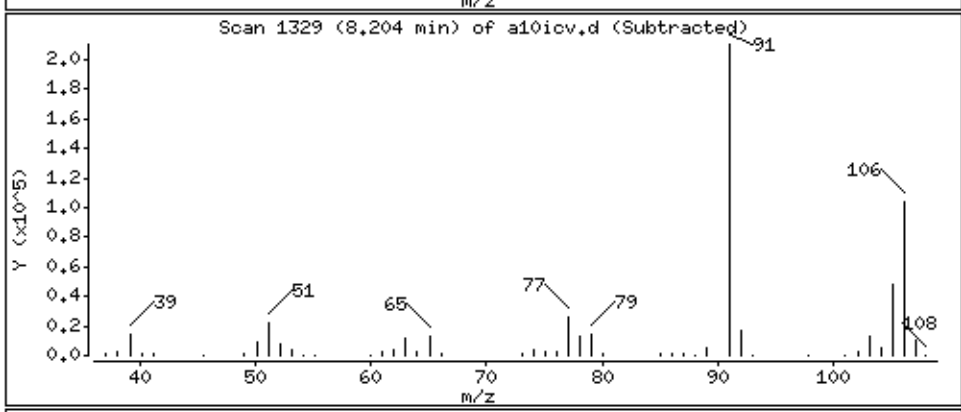
Column phase: DB-624

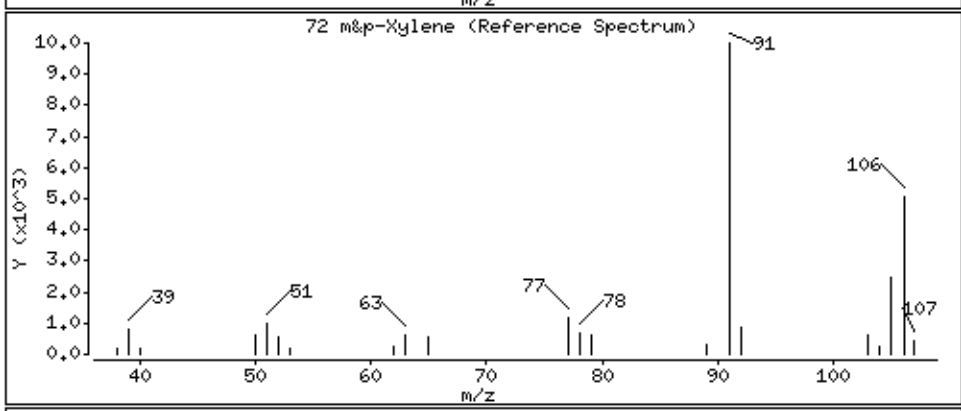
Column diameter: 0.18

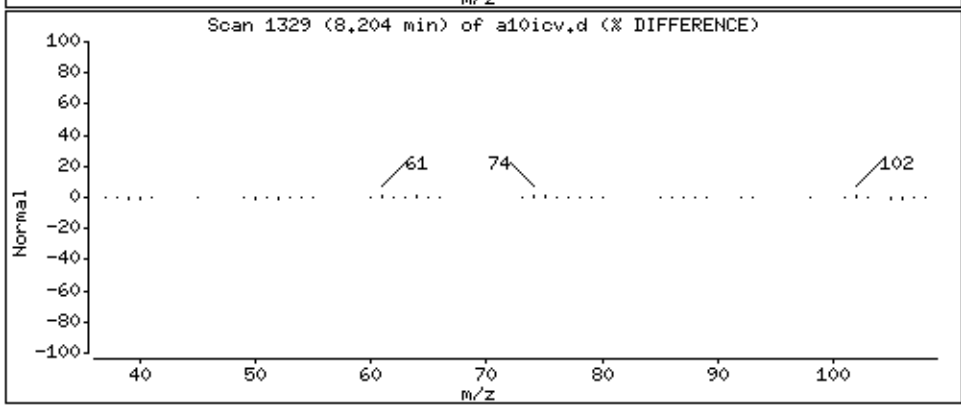
72 m&p-Xylene

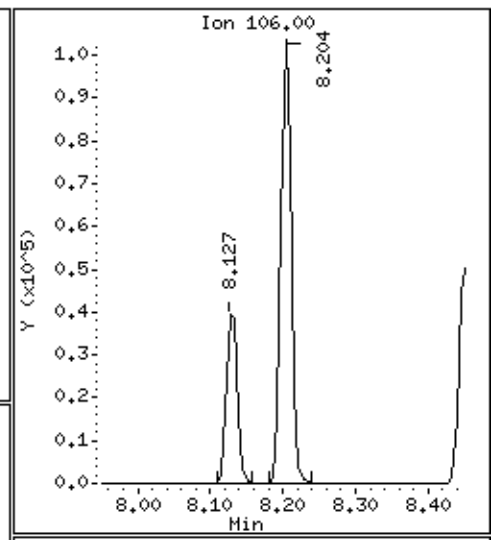
Concentration: 116 ppb

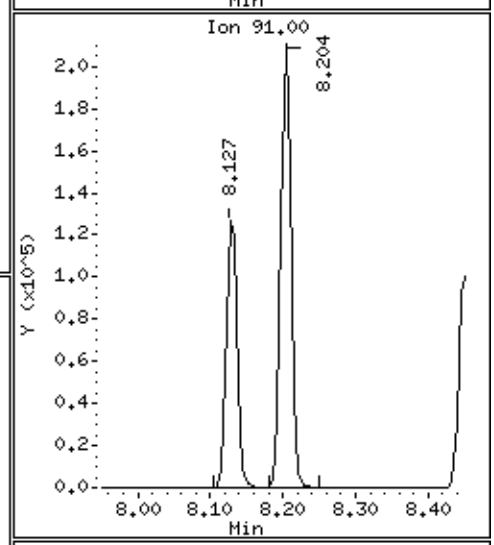


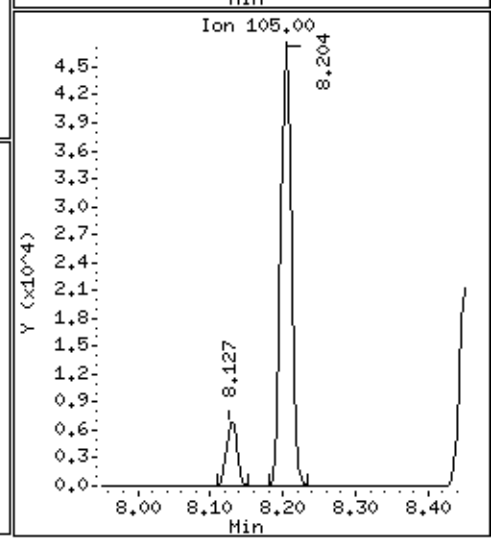












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

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Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

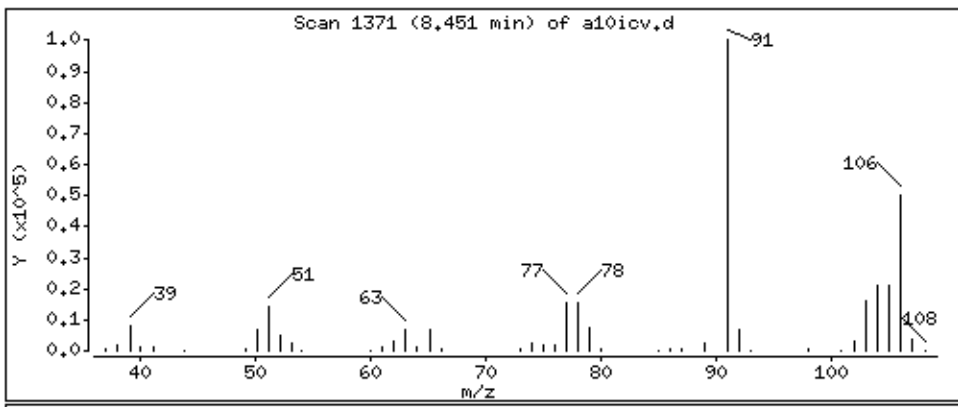
Operator: rsw

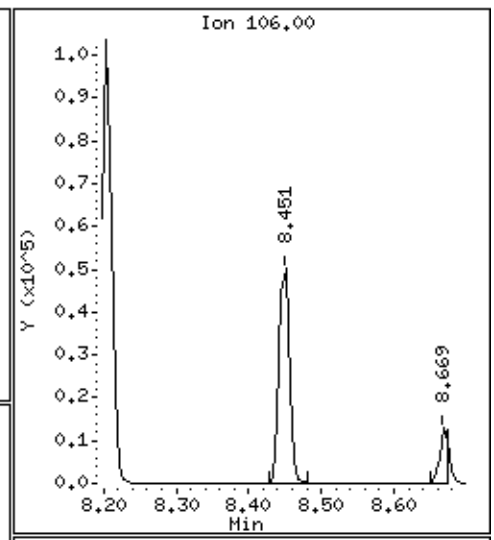
Column phase: DB-624

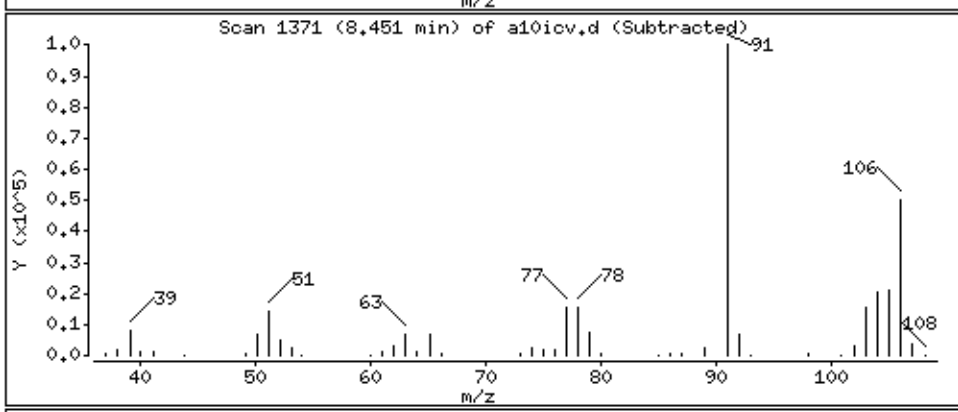
Column diameter: 0.18

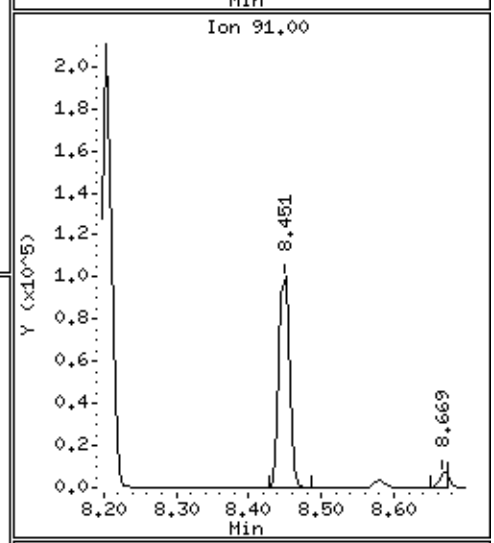
73 o-Xylene

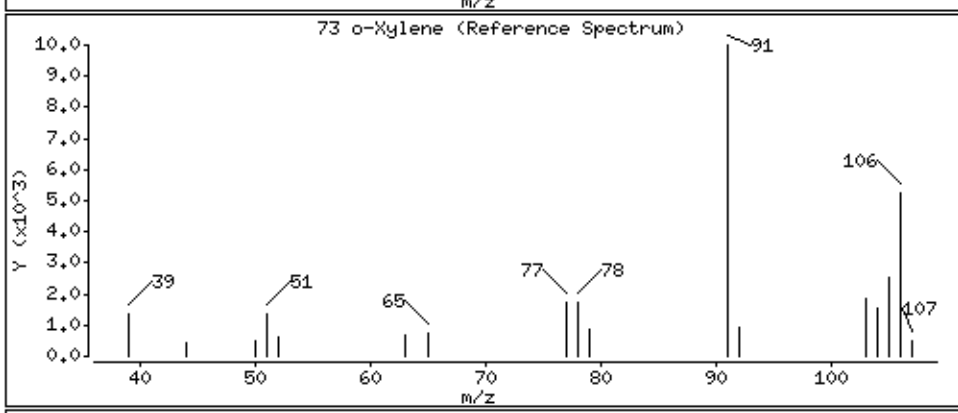
Concentration: 56.8 ppb

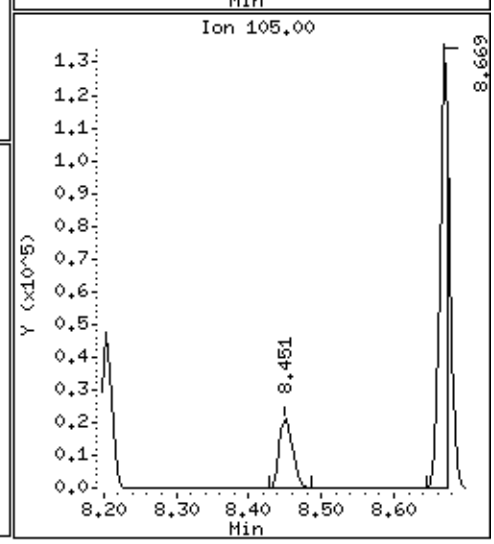


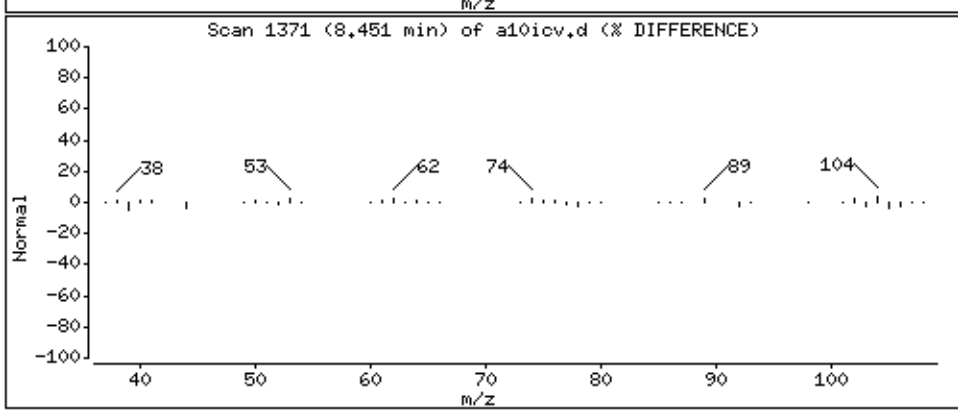












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

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Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

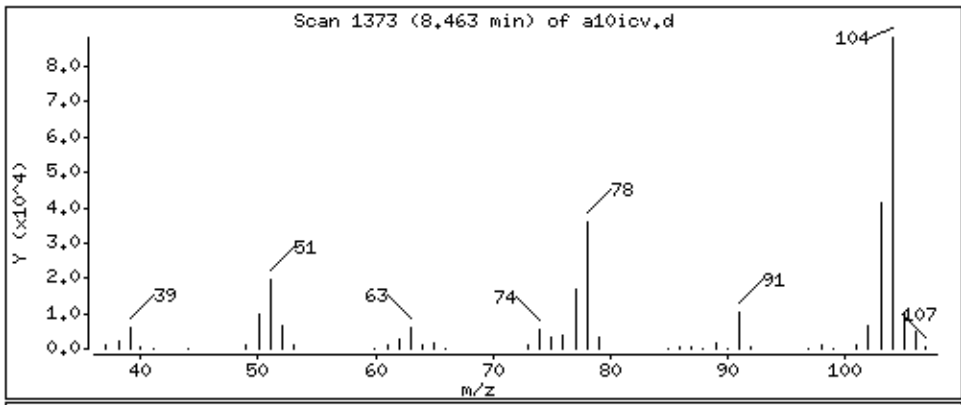
Operator: rsw

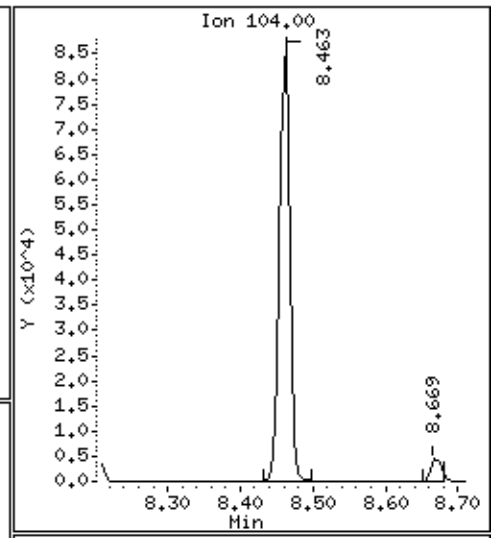
Column phase: DB-624

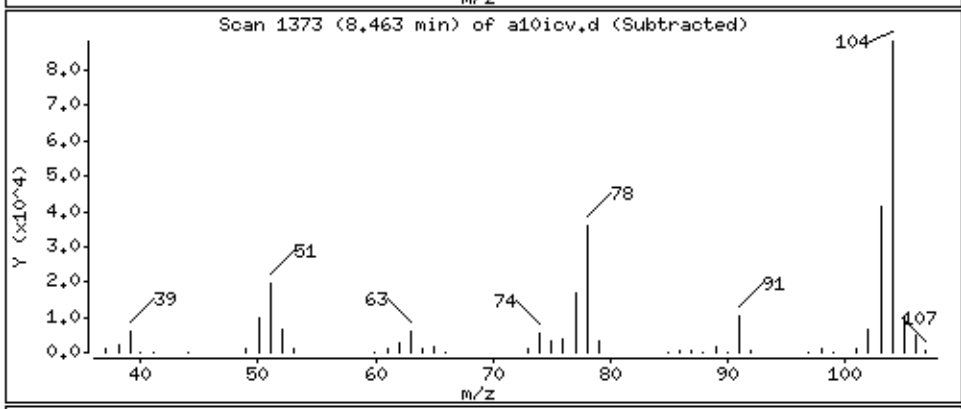
Column diameter: 0.18

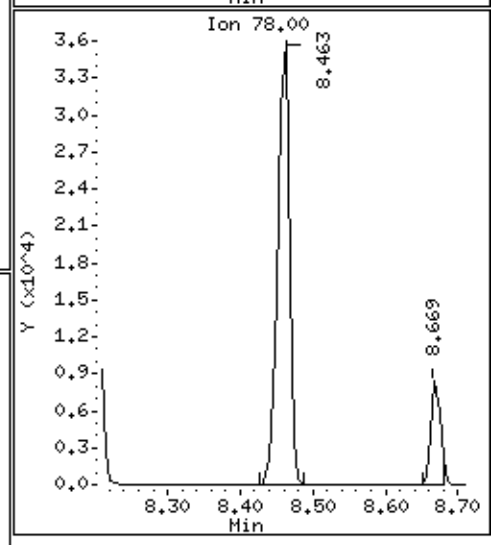
74 Styrene

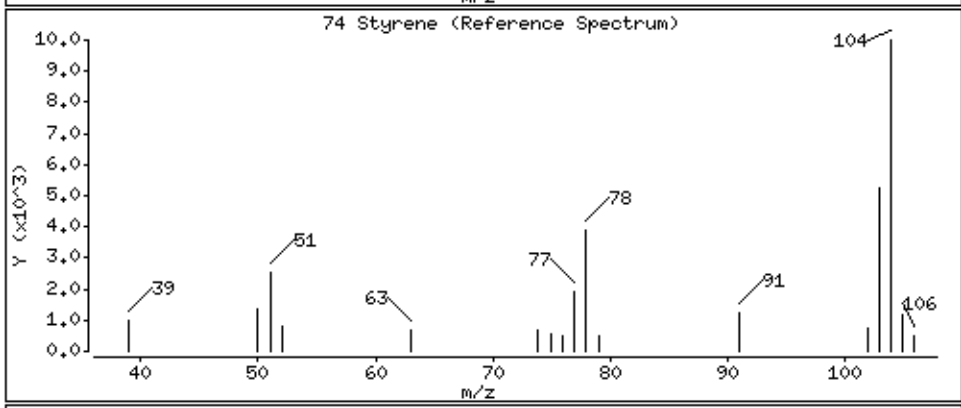
Concentration: 60.0 ppb

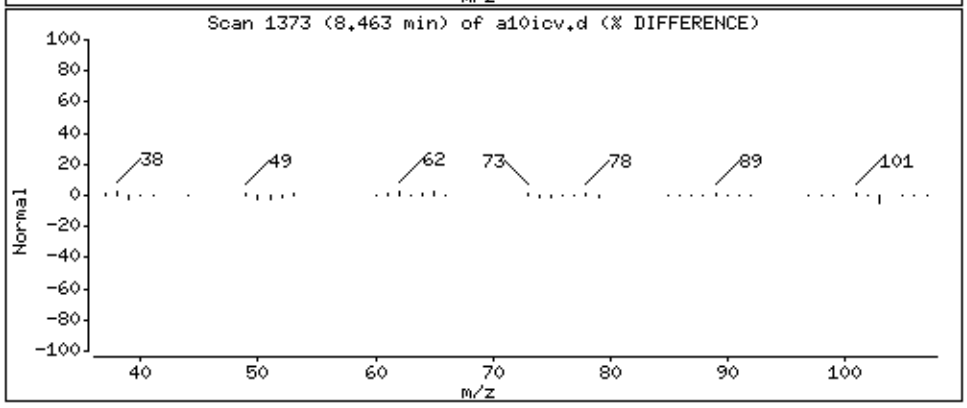












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

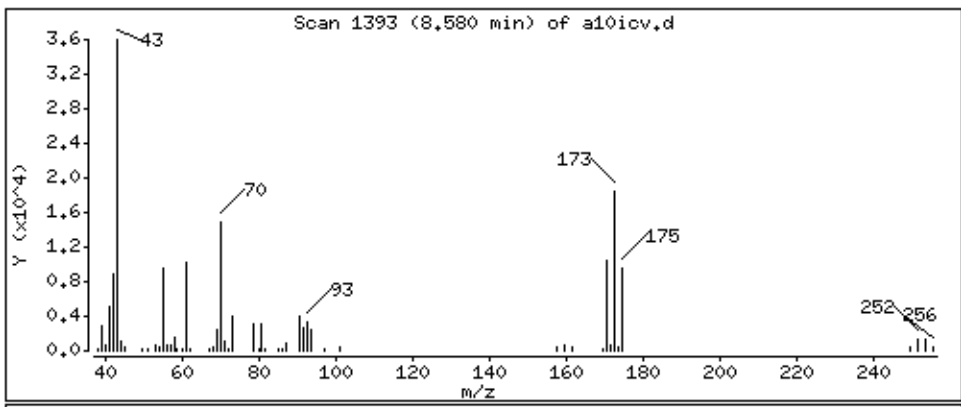
Operator: rsw

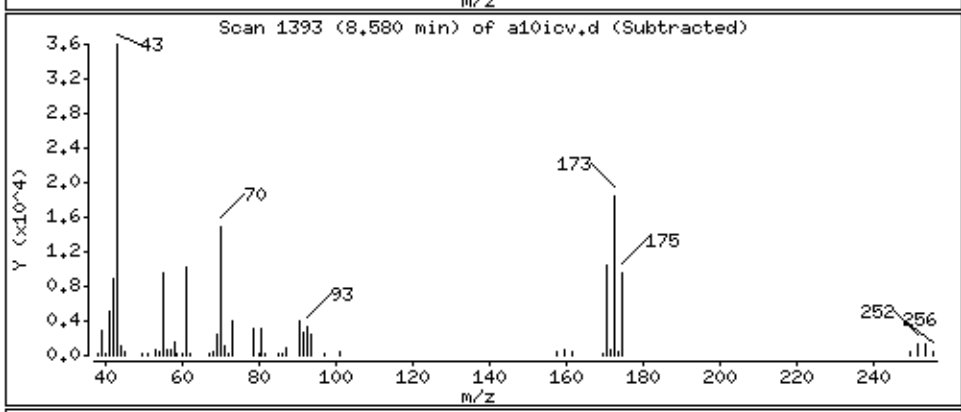
Column phase: DB-624

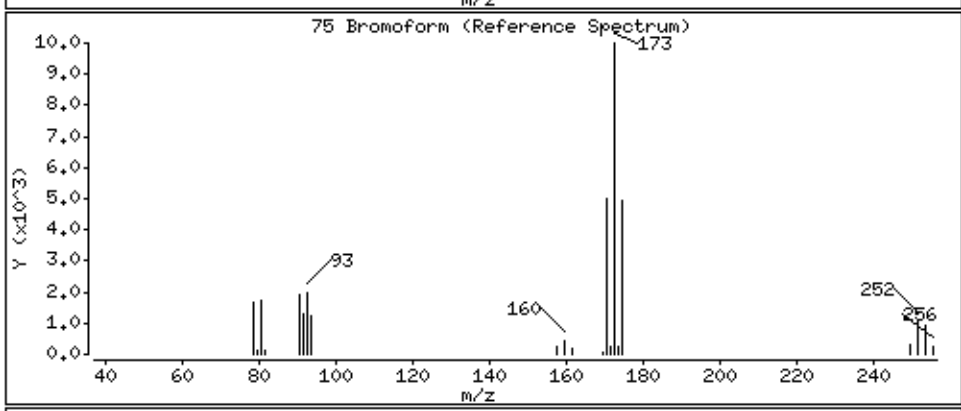
Column diameter: 0.18

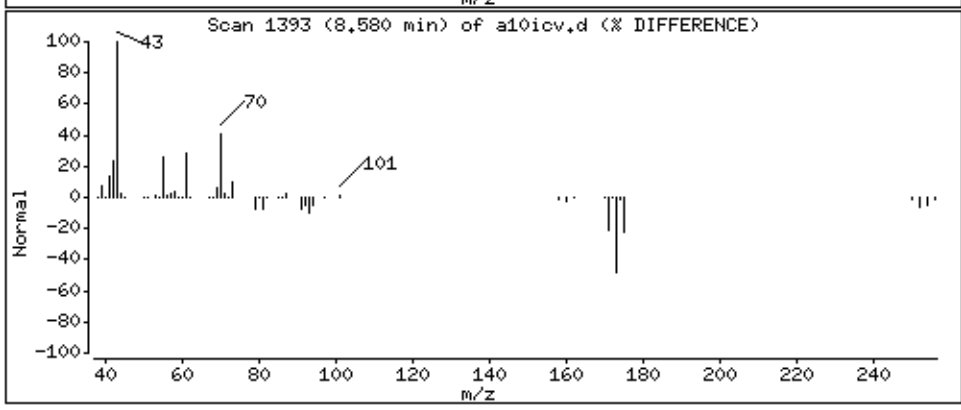
75 Bromoform

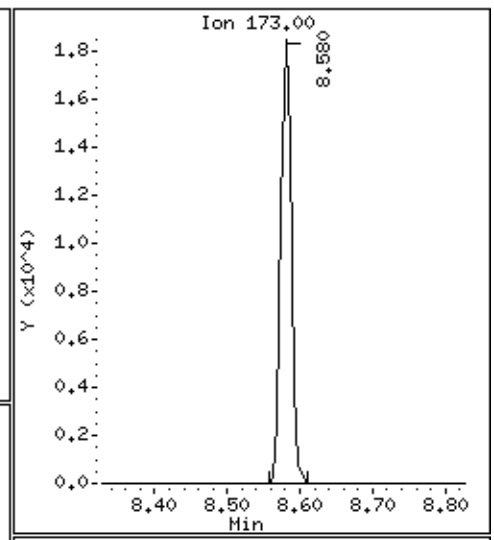
Concentration: 51.3 ppb

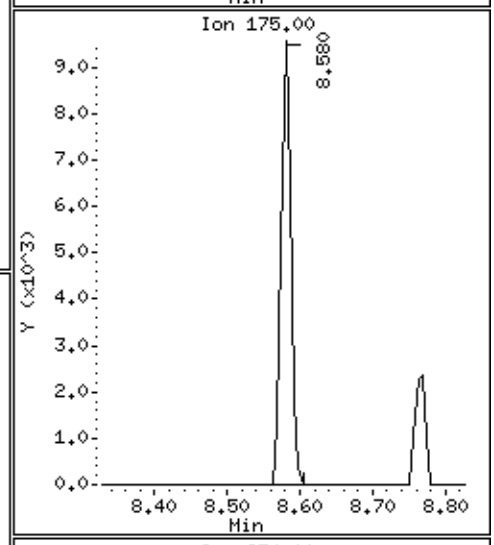


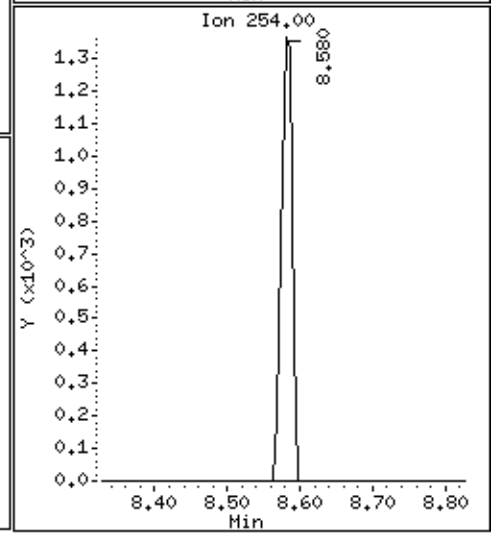












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

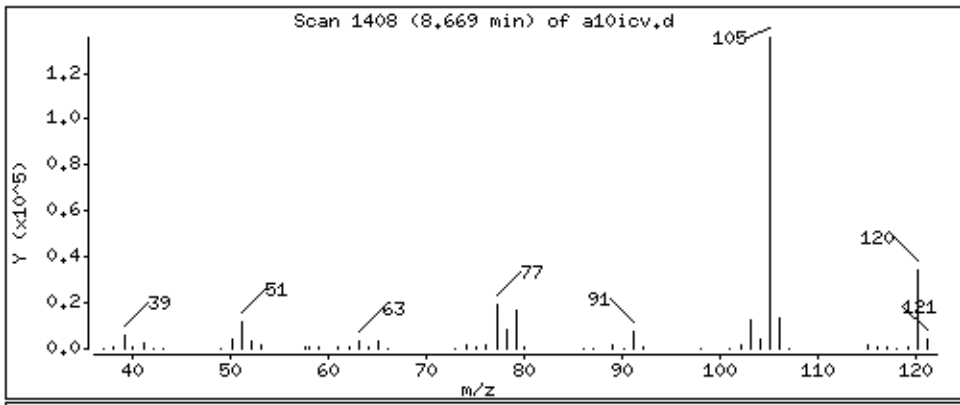
Operator: rsw

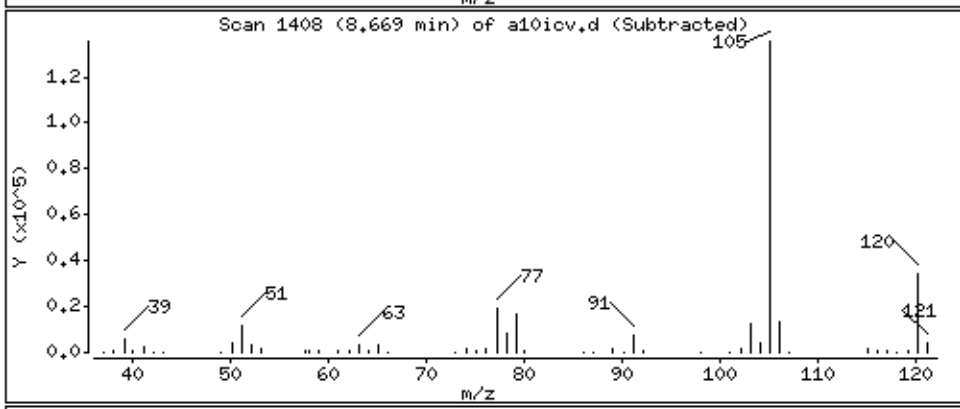
Column phase: DB-624

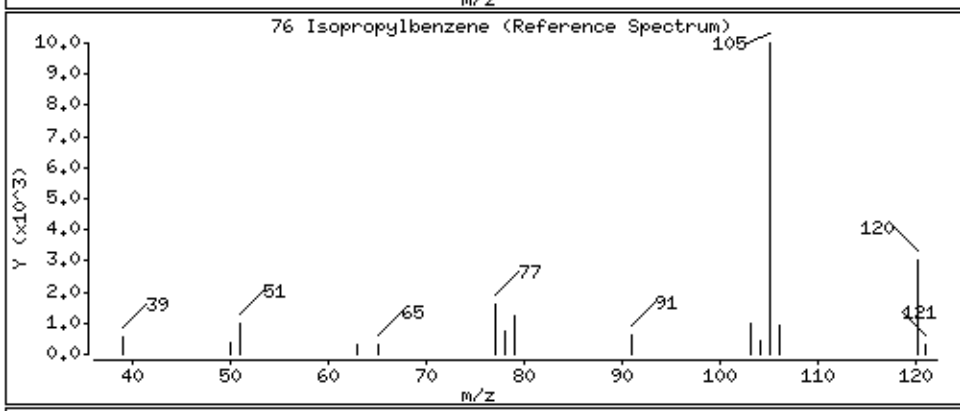
Column diameter: 0.18

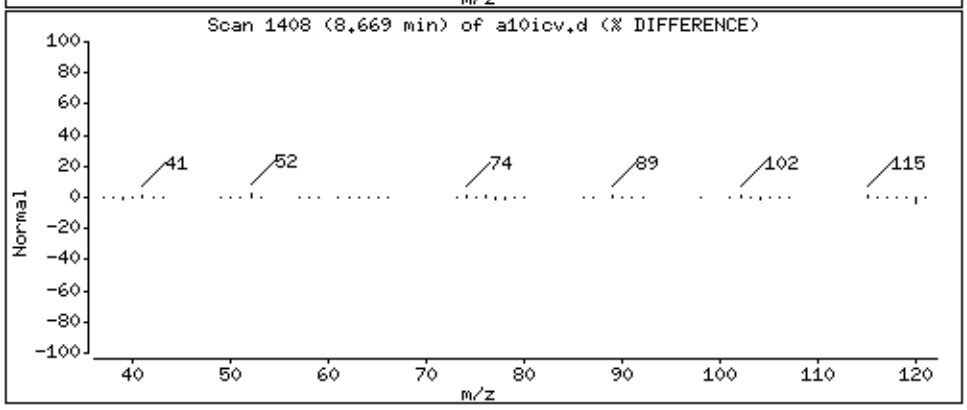
76 Isopropylbenzene

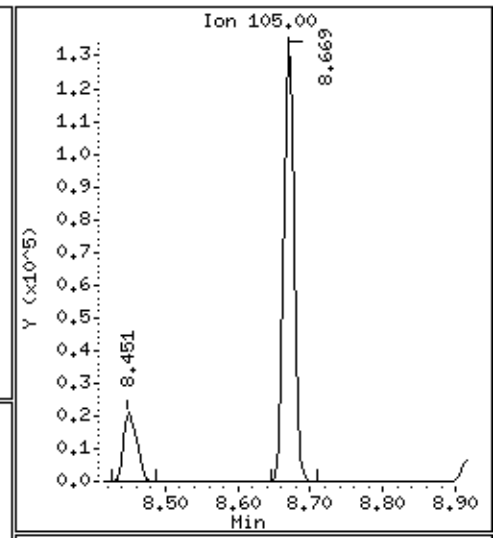
Concentration: 58.8 ppb

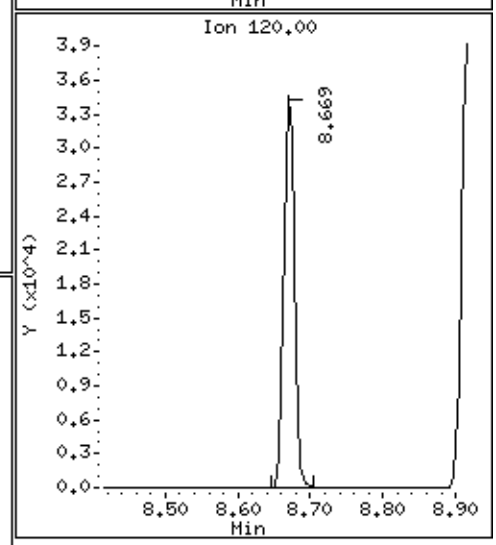












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

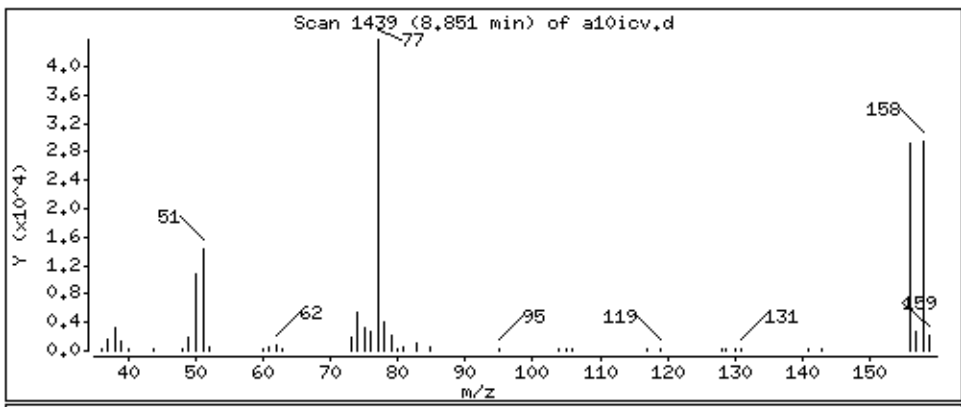
Operator: rsw

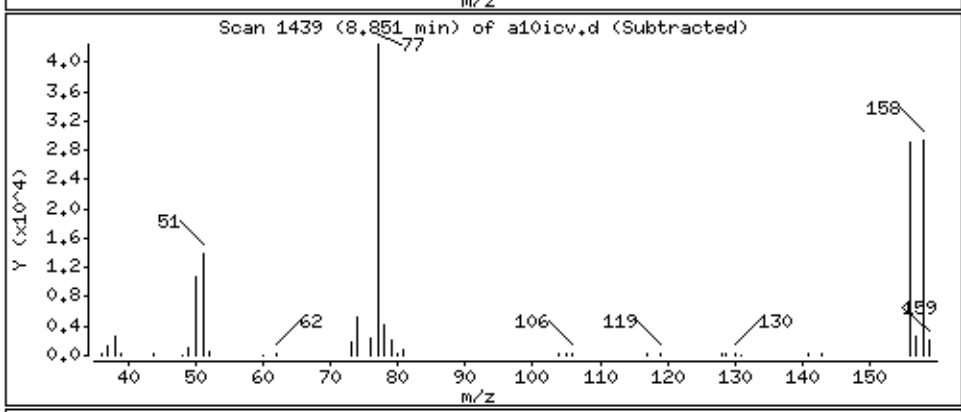
Column phase: DB-624

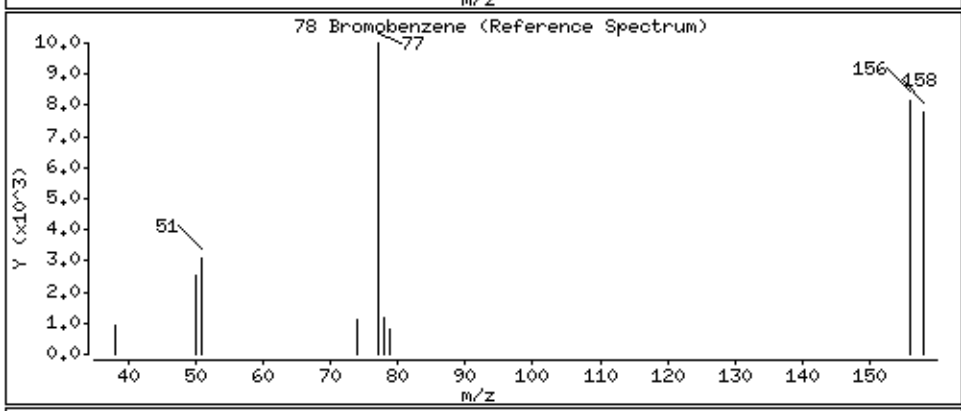
Column diameter: 0.18

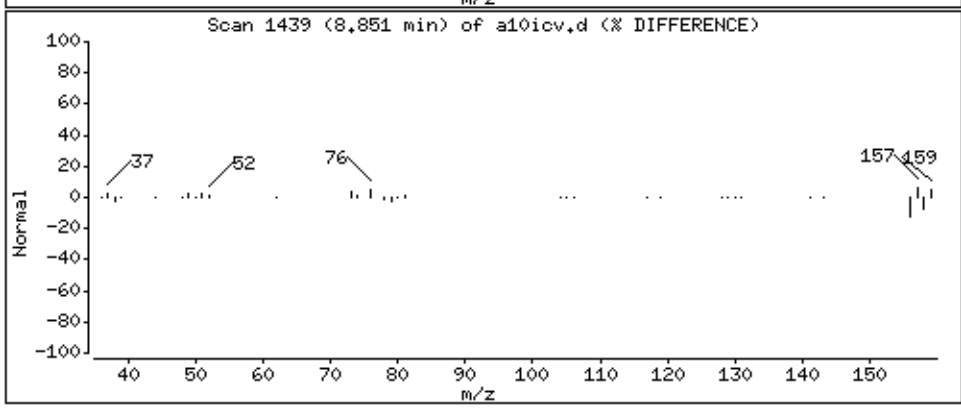
78 Bromobenzene

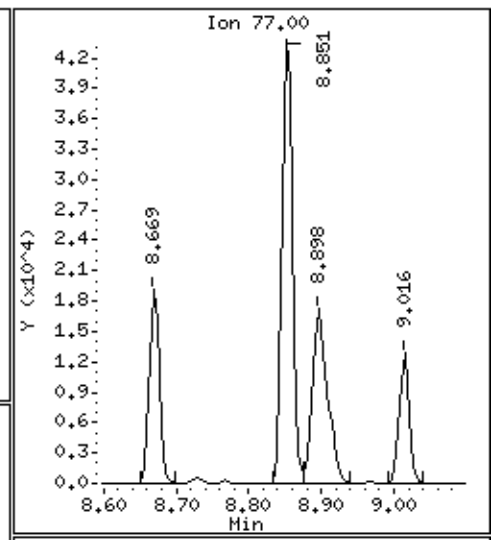
Concentration: 55.3 ppb

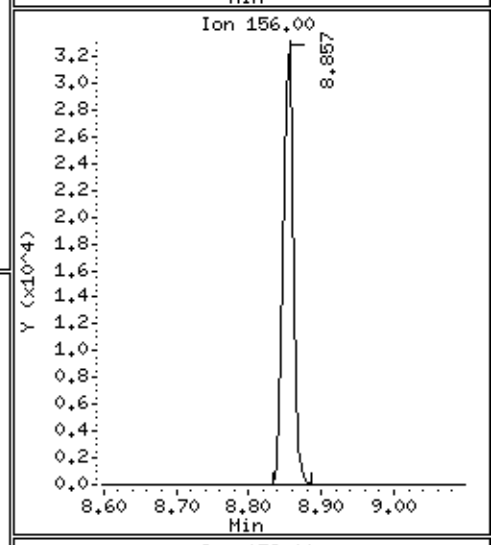


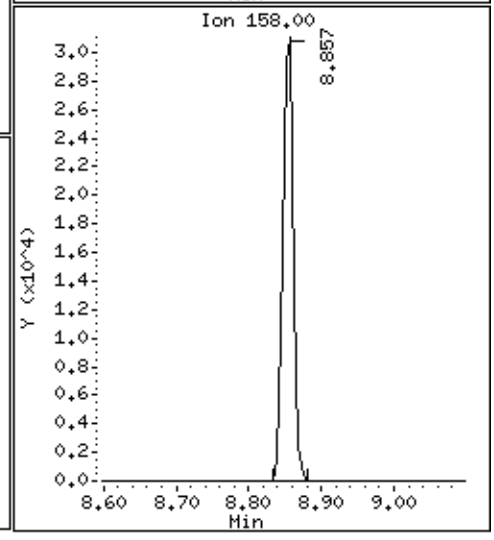












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

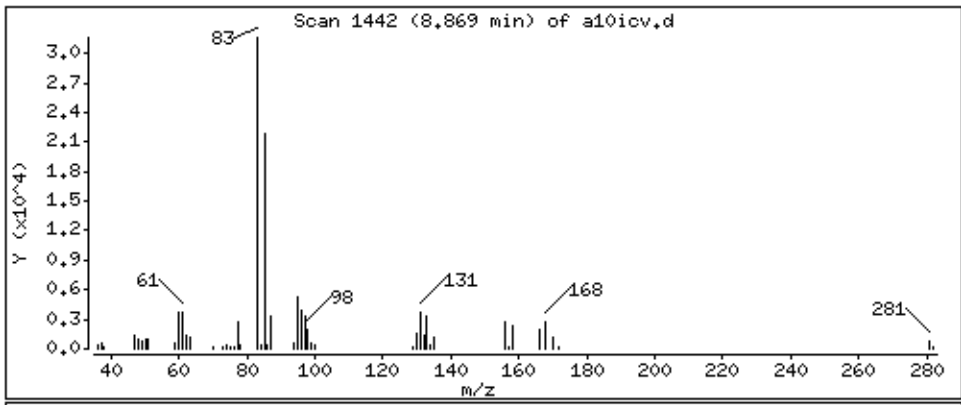
Operator: rsw

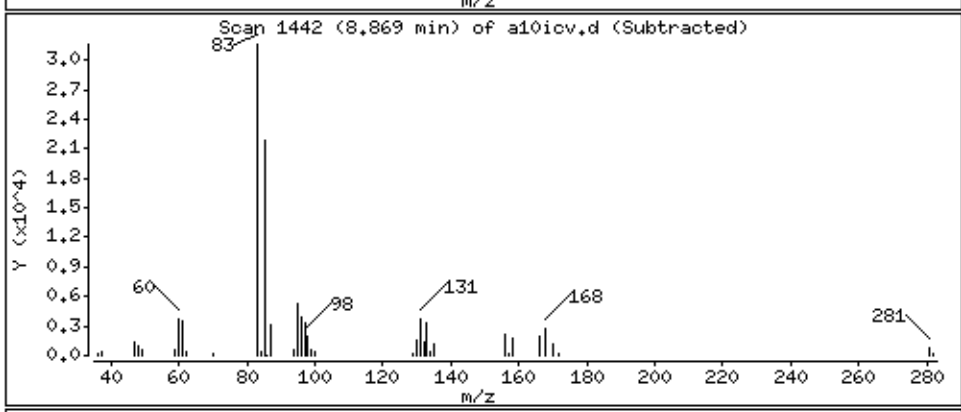
Column phase: DB-624

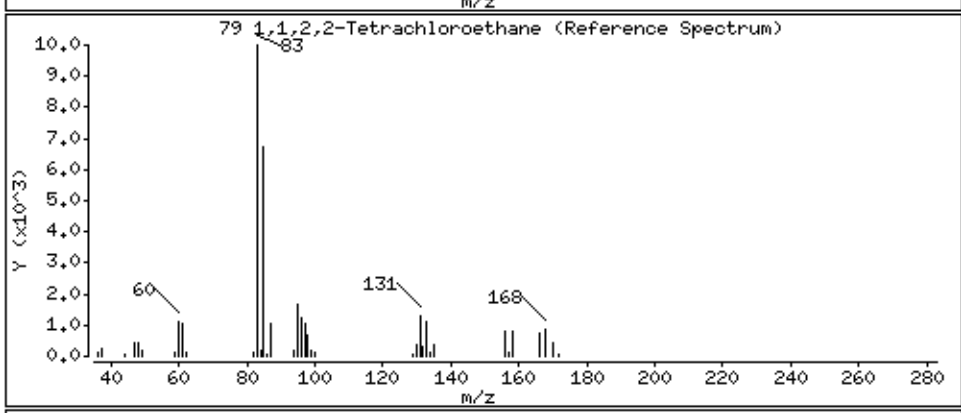
Column diameter: 0.18

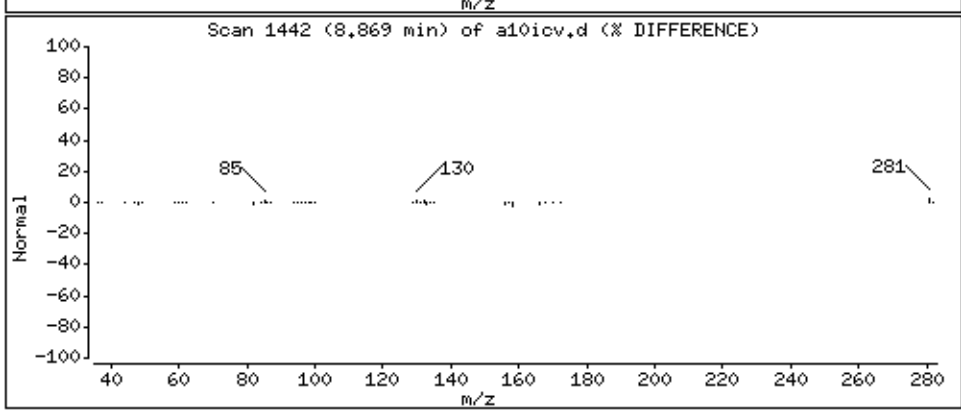
79 1,1,2,2-Tetrachloroethane

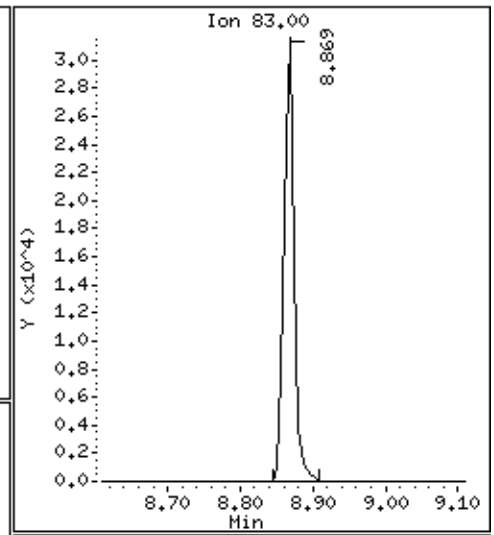
Concentration: 51.4 ppb

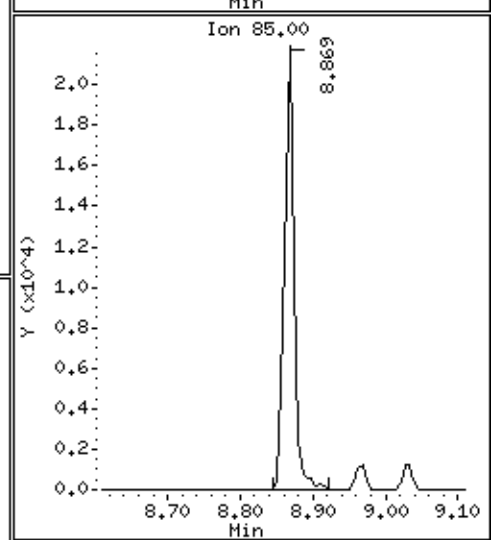


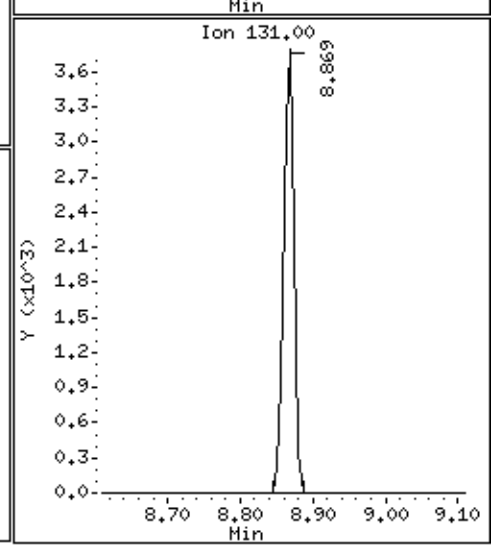












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

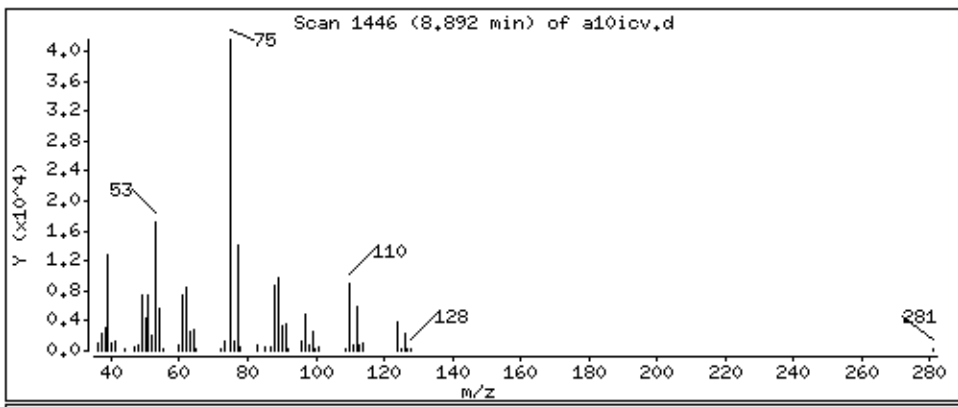
Operator: rsw

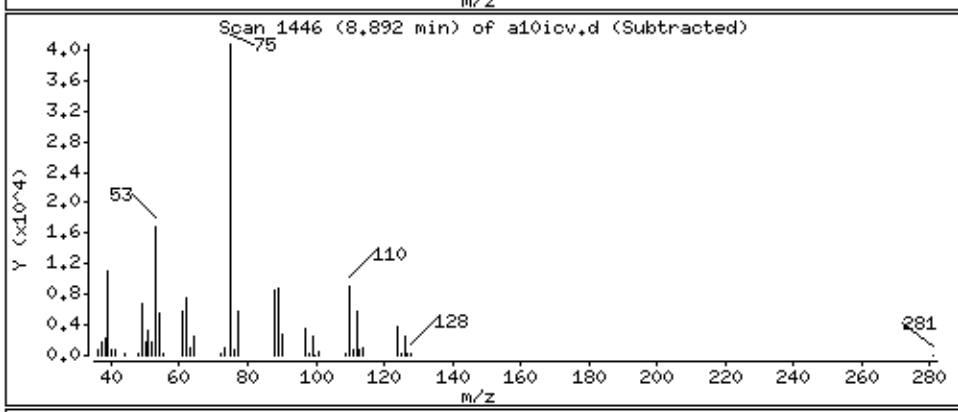
Column phase: DB-624

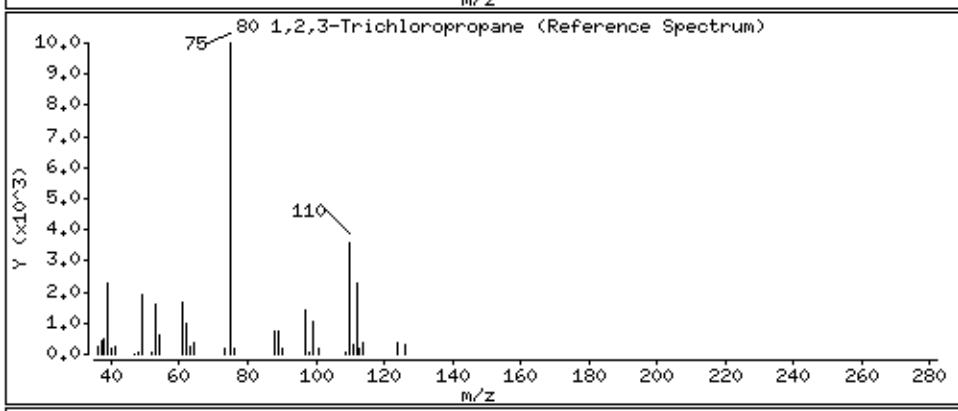
Column diameter: 0.18

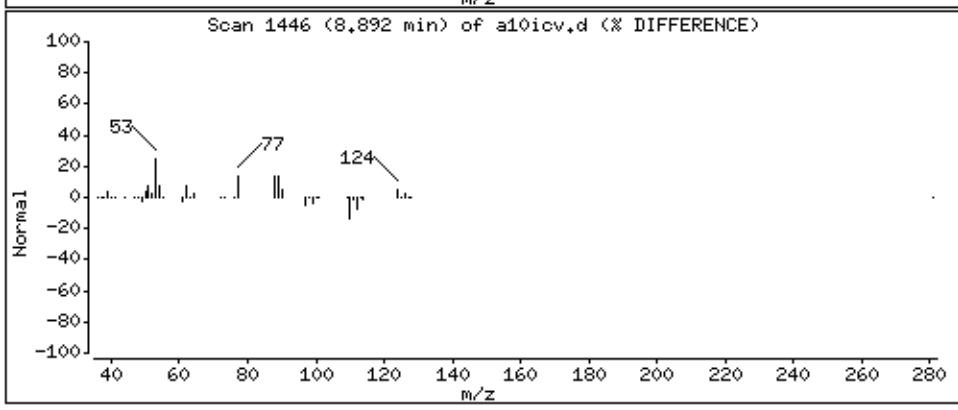
80 1,2,3-Trichloropropane

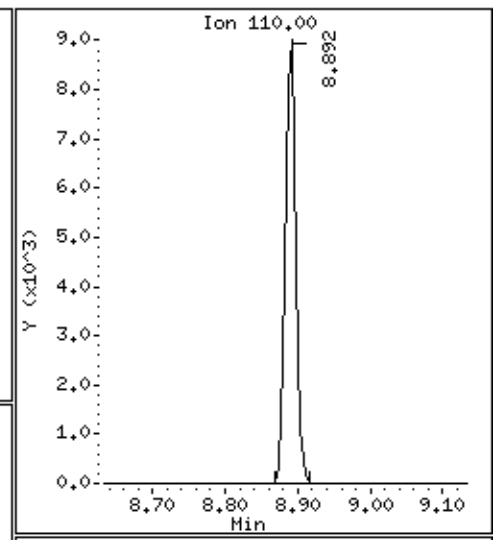
Concentration: 49.7 ppb

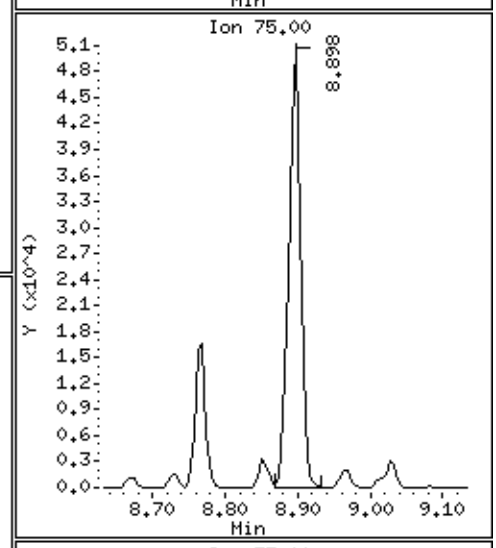


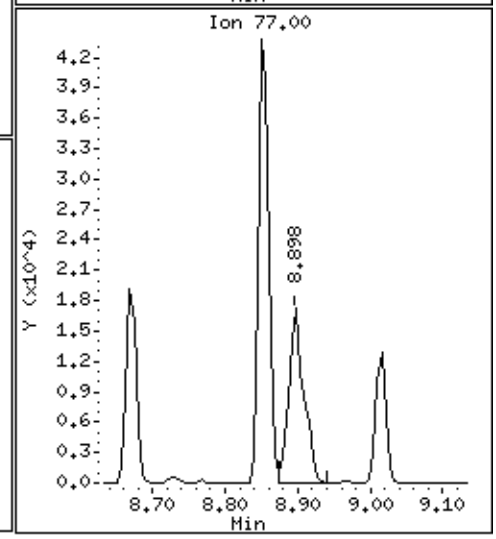












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

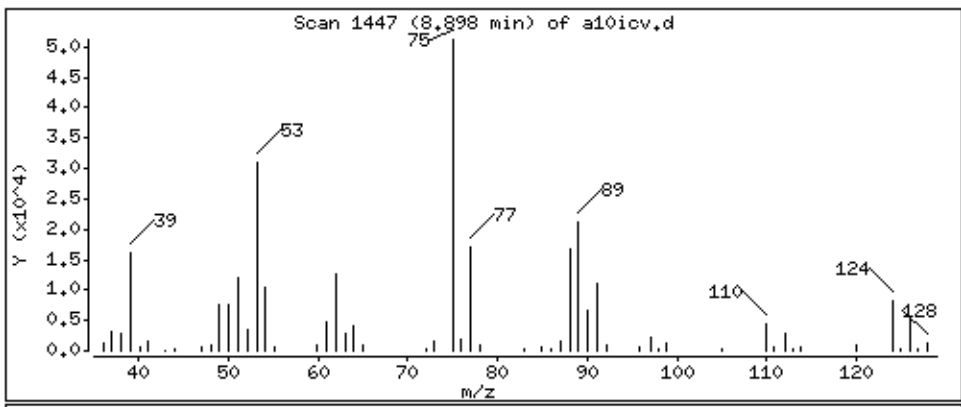
Operator: rsw

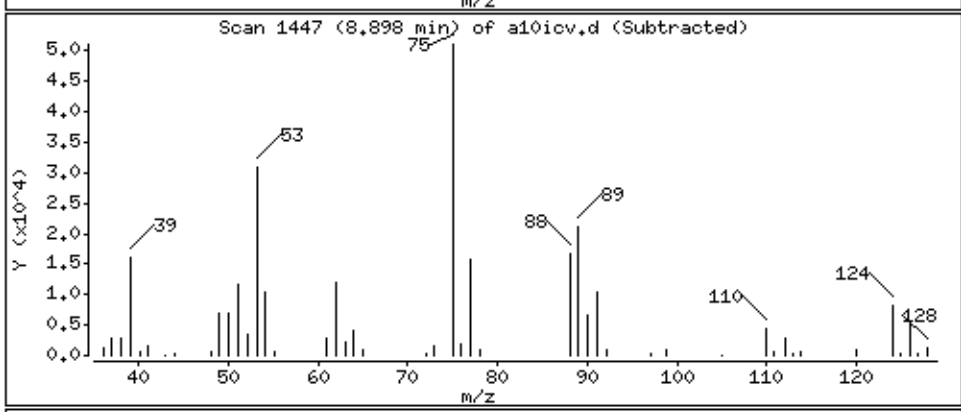
Column phase: DB-624

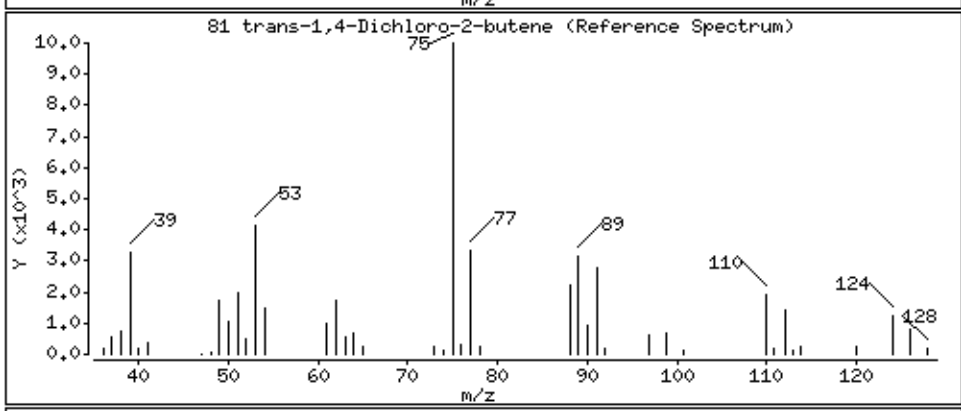
Column diameter: 0.18

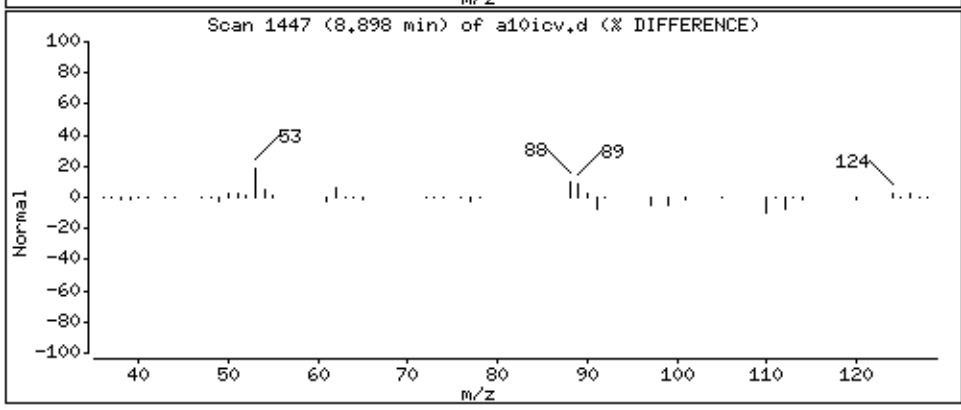
81 trans-1,4-Dichloro-2-butene

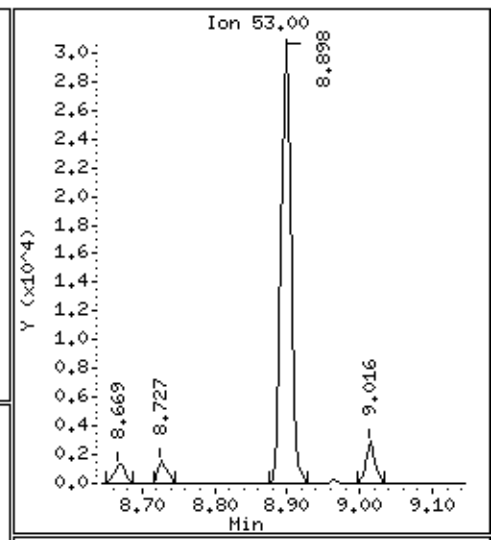
Concentration: 190 ppb

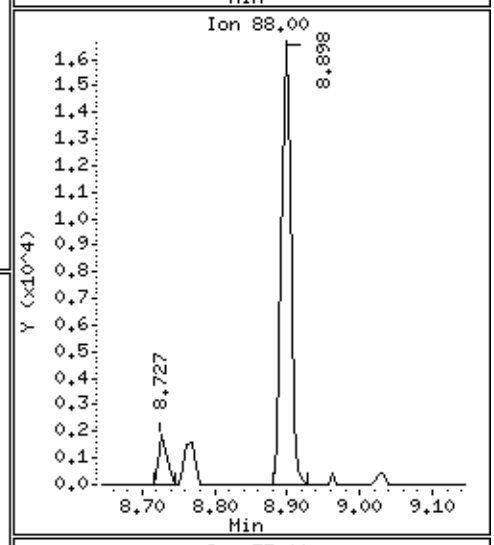


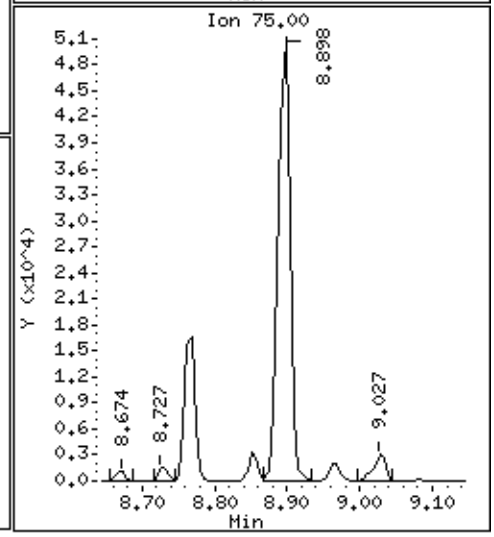












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

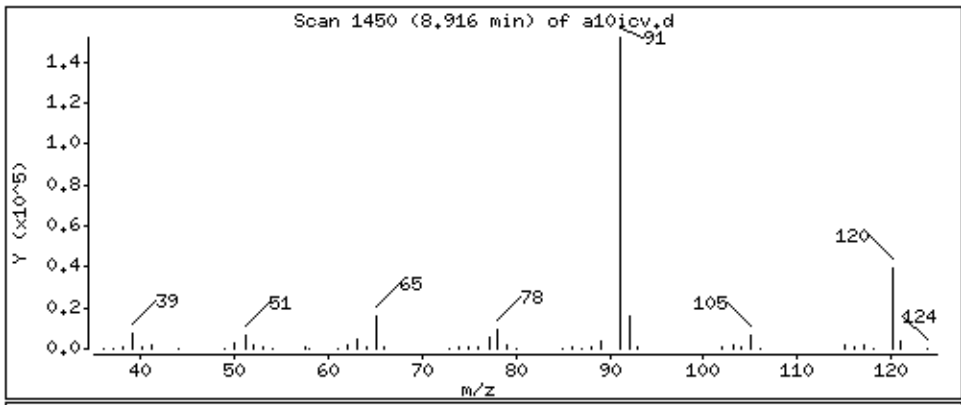
Operator: rsw

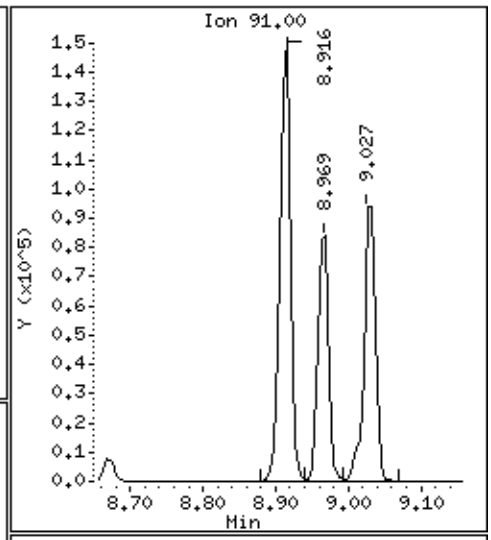
Column phase: DB-624

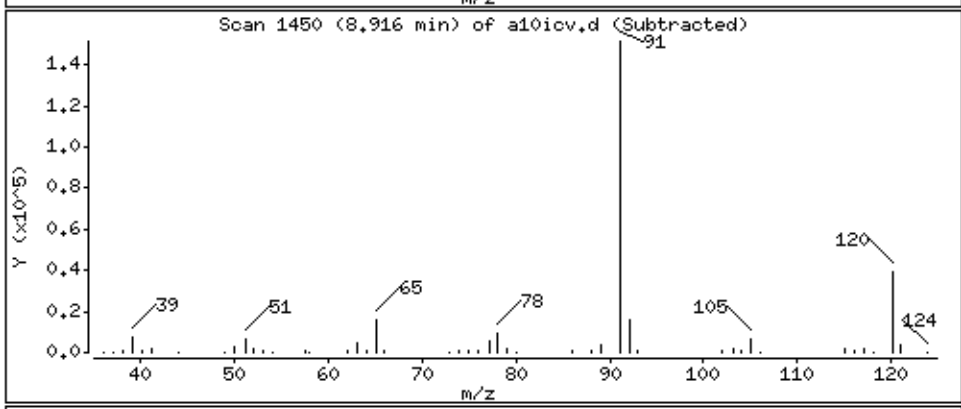
Column diameter: 0.18

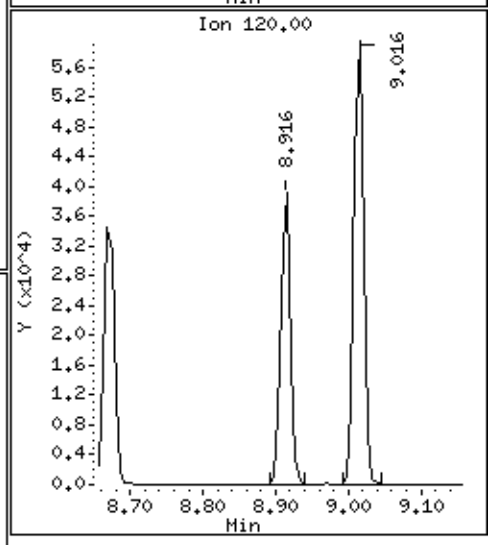
82 n-Propylbenzene

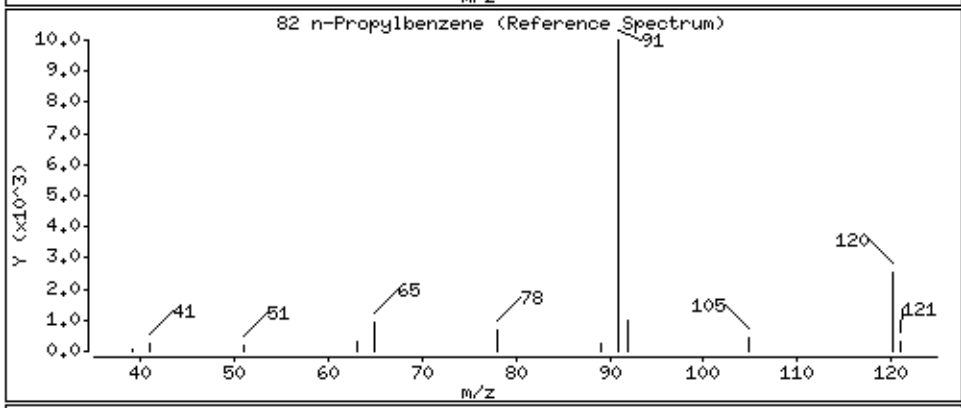
Concentration: 59.7 ppb

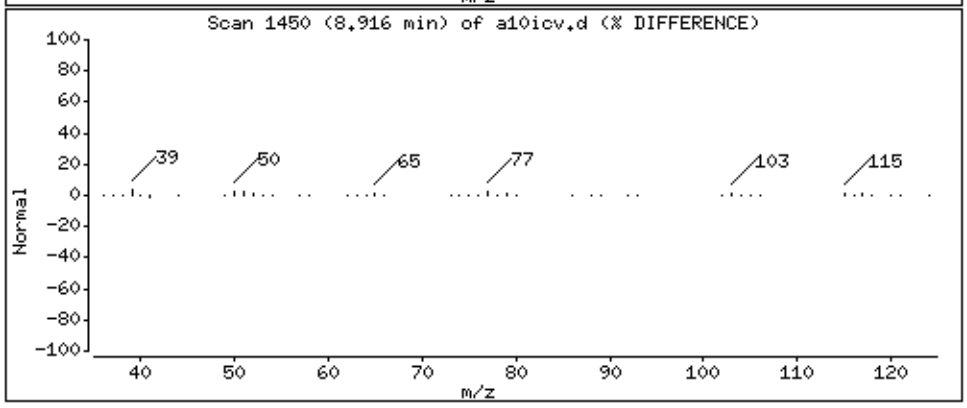












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

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Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

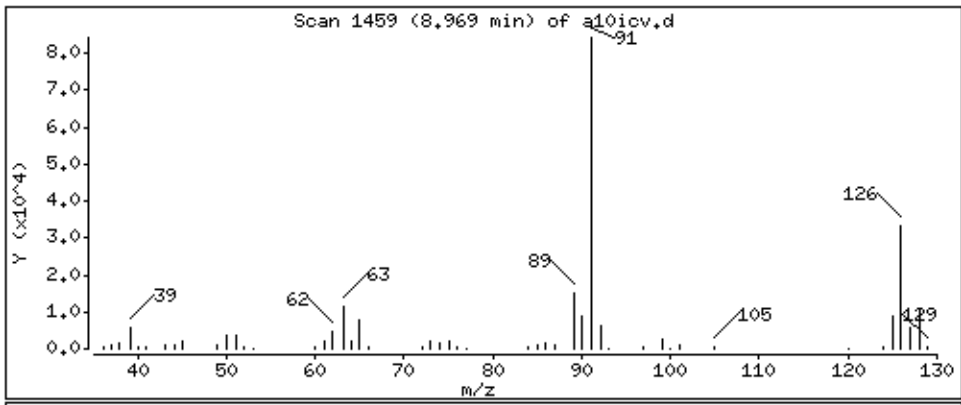
Operator: rsw

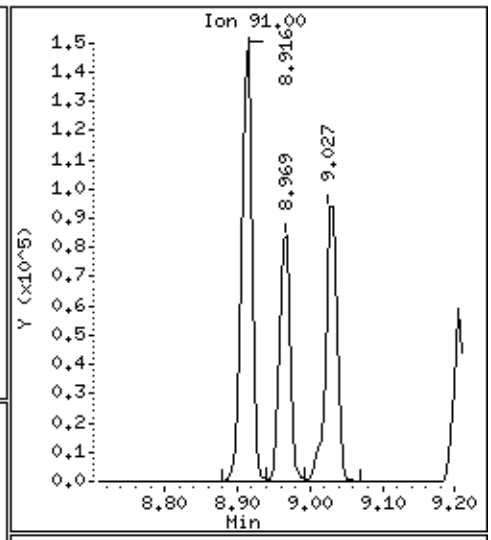
Column phase: DB-624

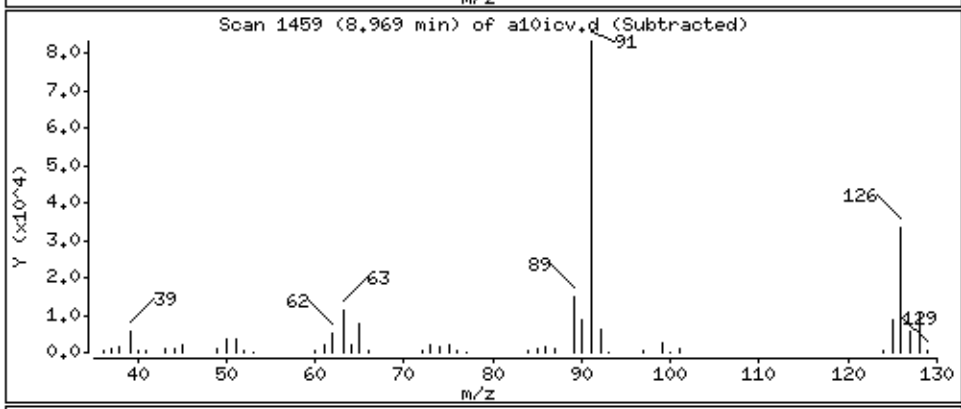
Column diameter: 0.18

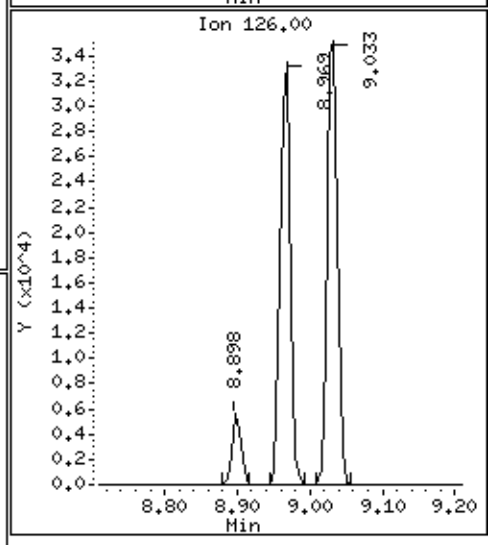
83 2-Chlorotoluene

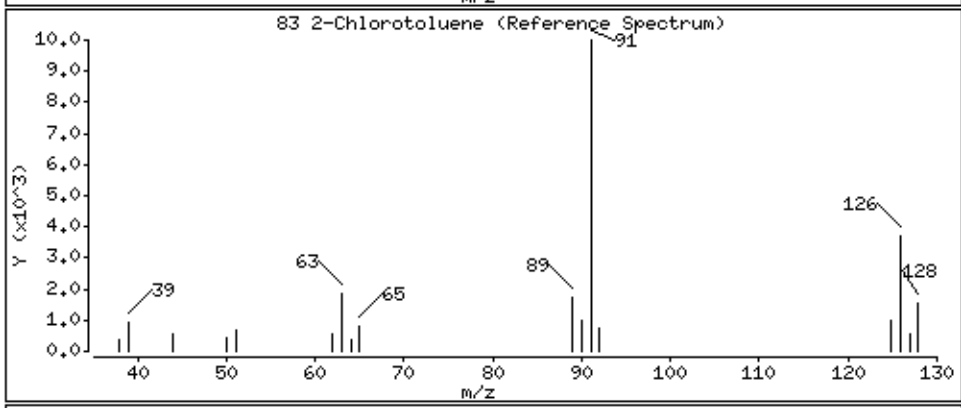
Concentration: 56.6 ppb

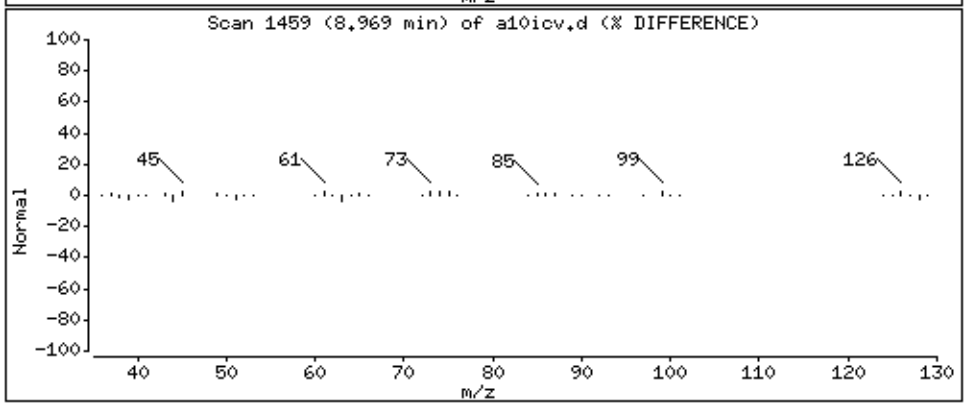












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

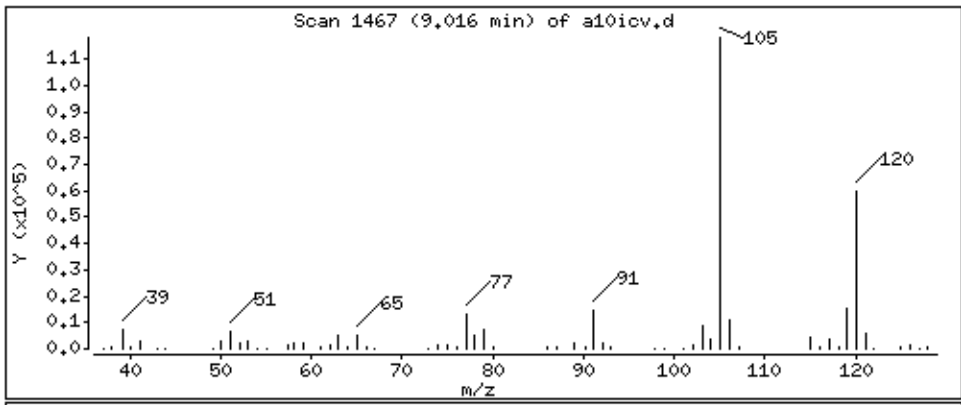
Operator: rsw

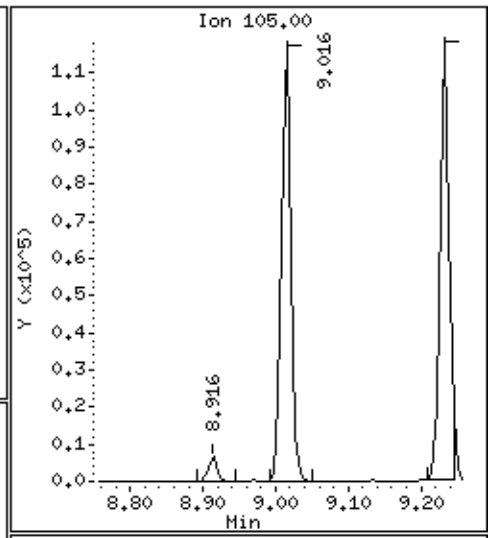
Column phase: DB-624

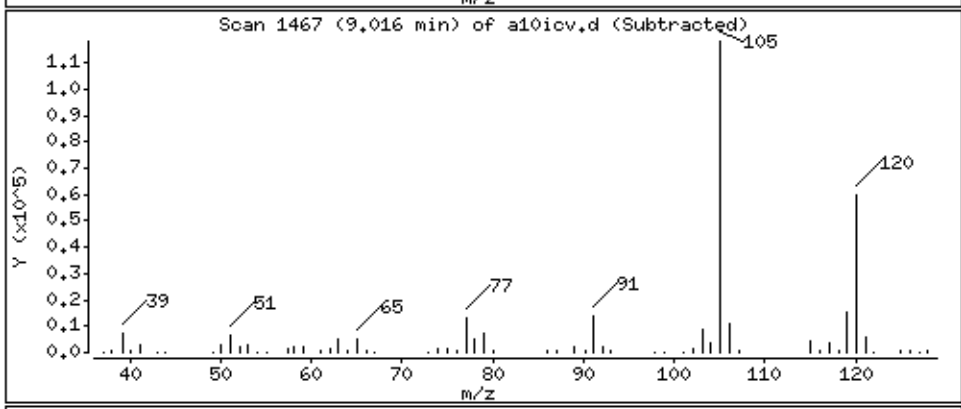
Column diameter: 0.18

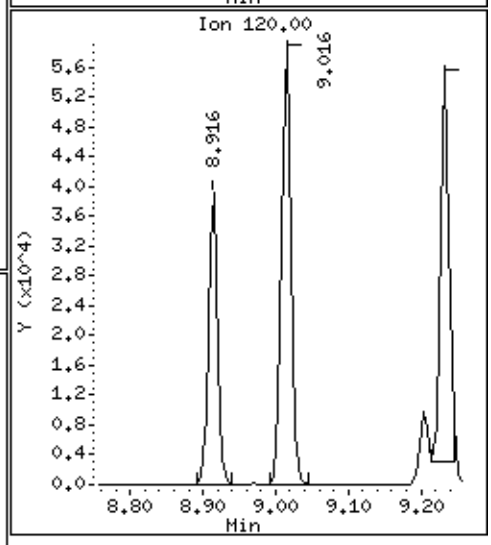
84 1,3,5-Trimethylbenzene

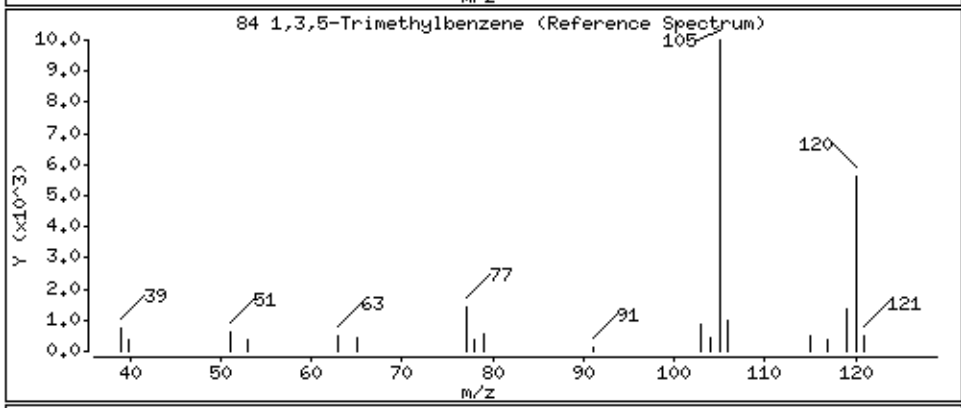
Concentration: 59.2 ppb

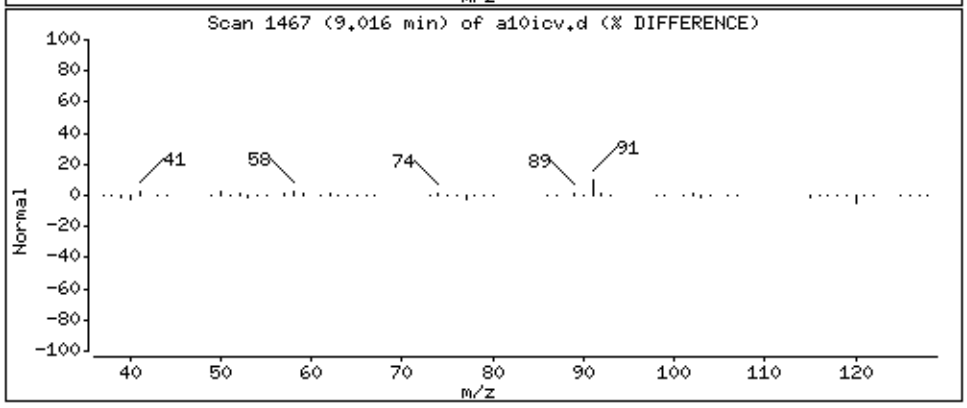












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

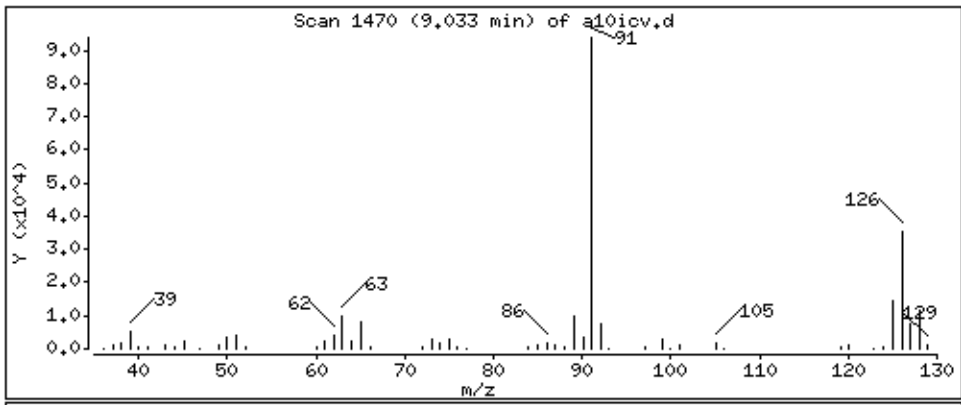
Operator: rsw

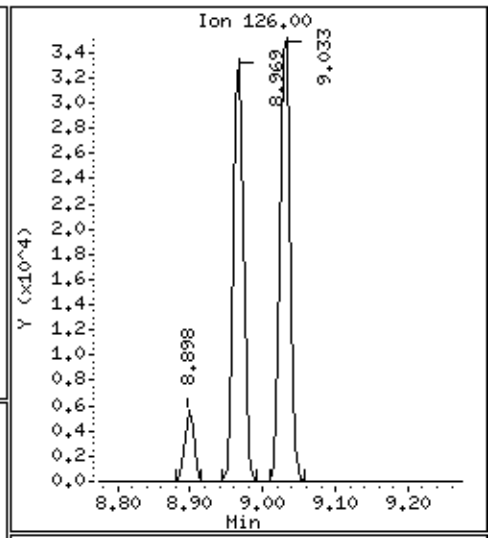
Column phase: DB-624

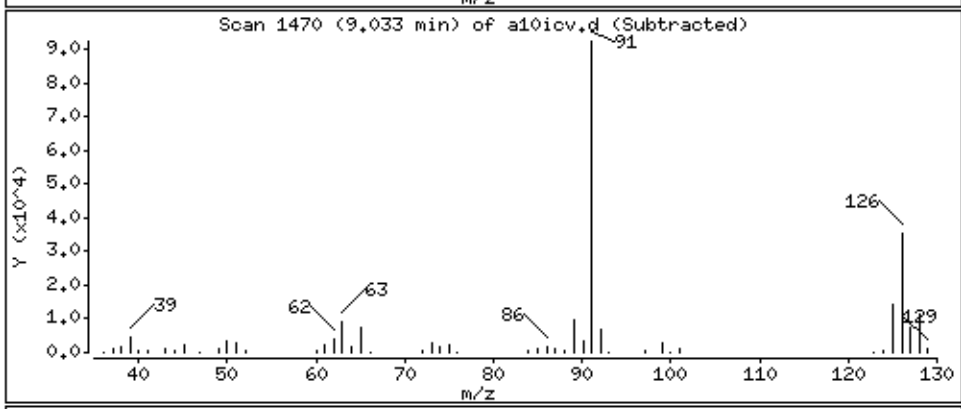
Column diameter: 0.18

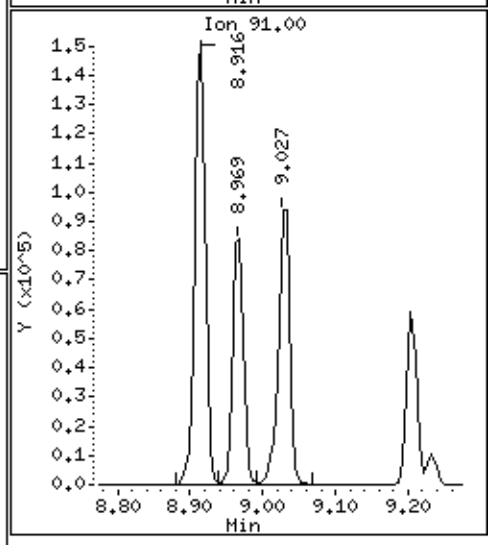
85 4-Chlorotoluene

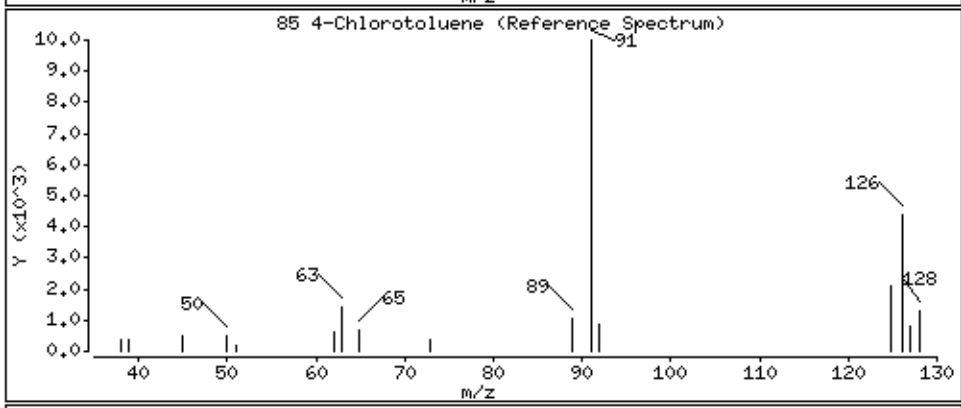
Concentration: 56.4 ppb

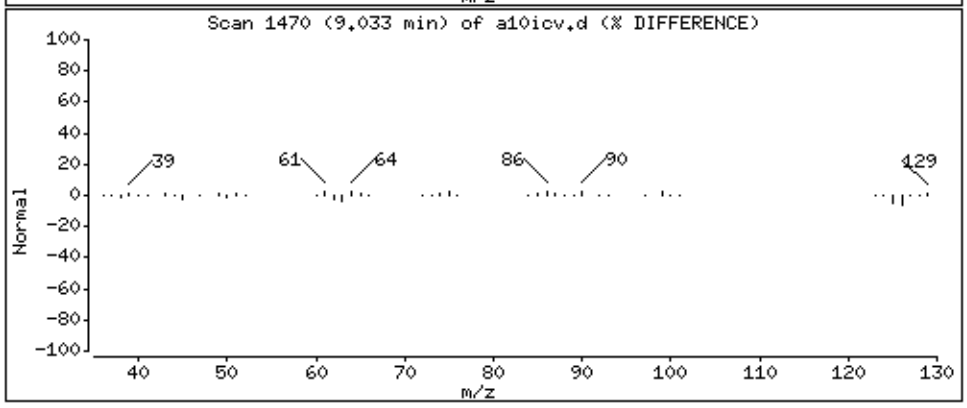












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

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Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

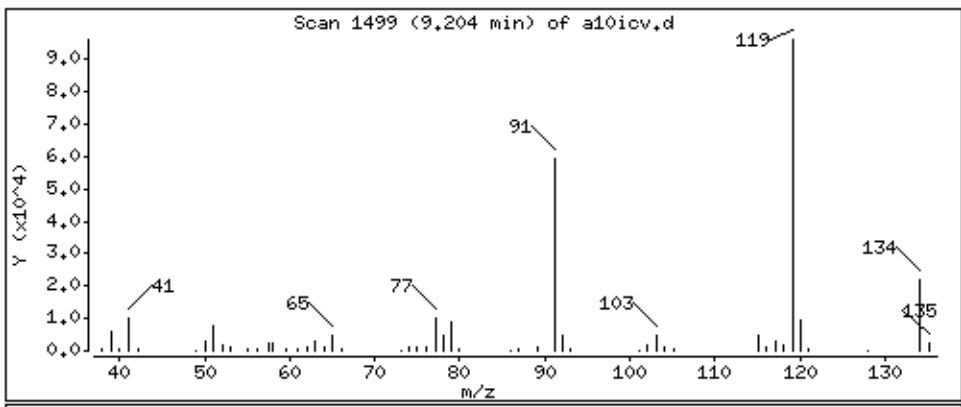
Operator: rsw

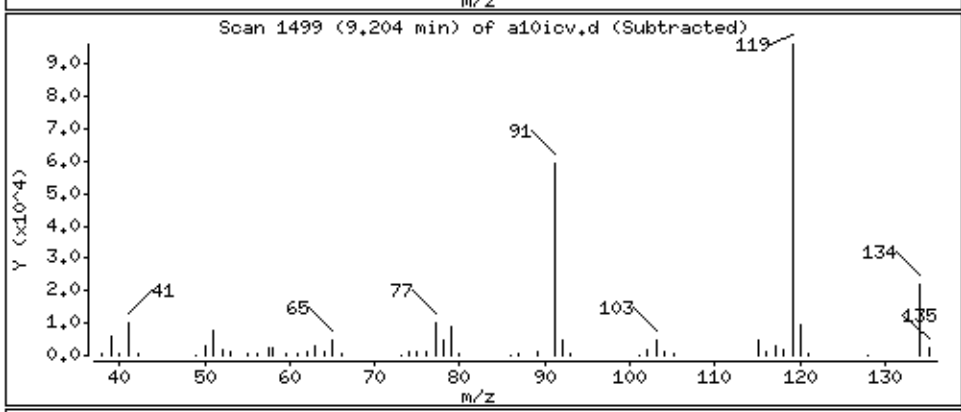
Column phase: DB-624

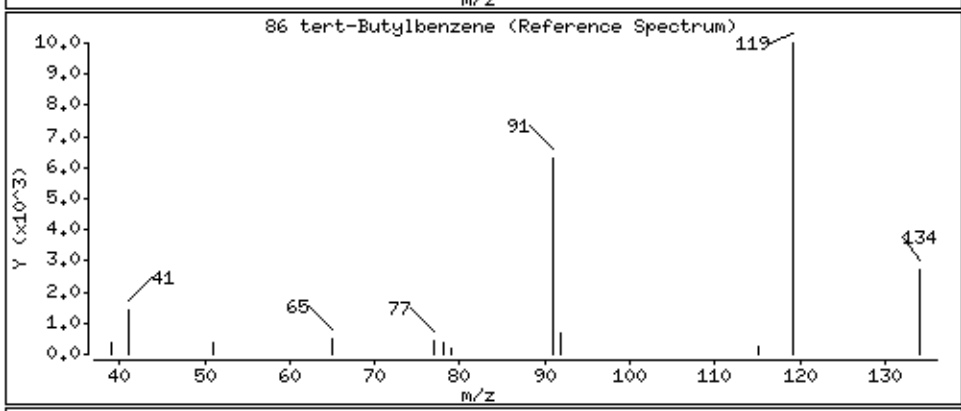
Column diameter: 0.18

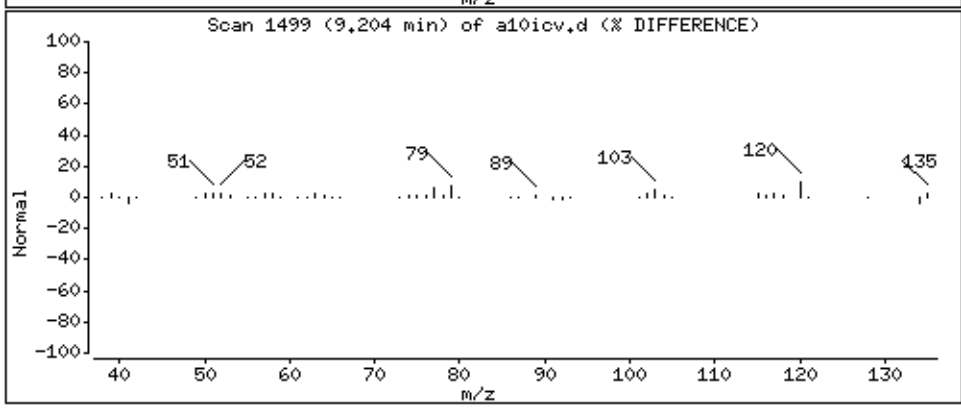
86 tert-Butylbenzene

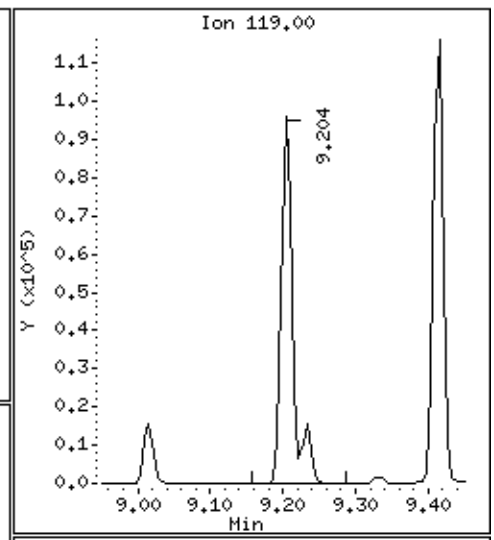
Concentration: 52.0 ppb

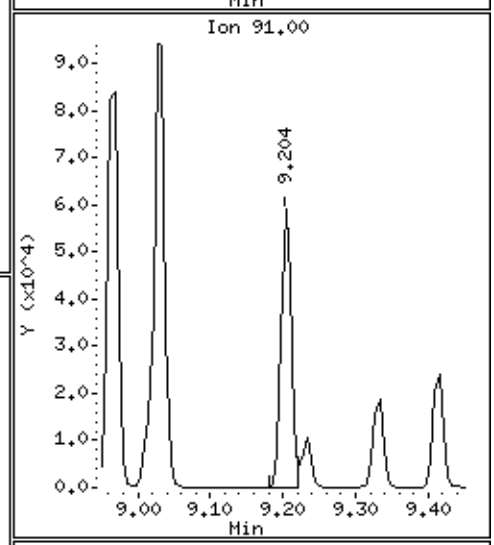


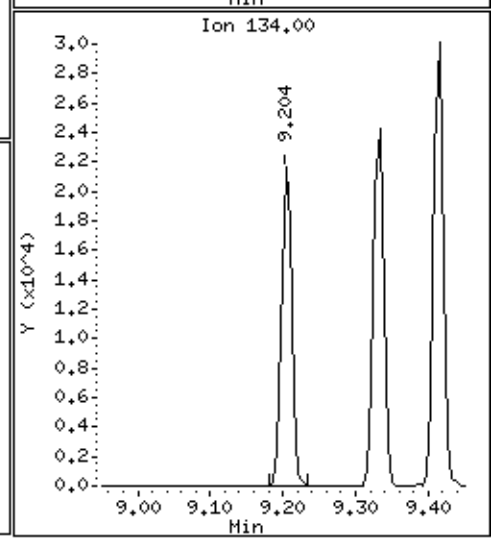












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

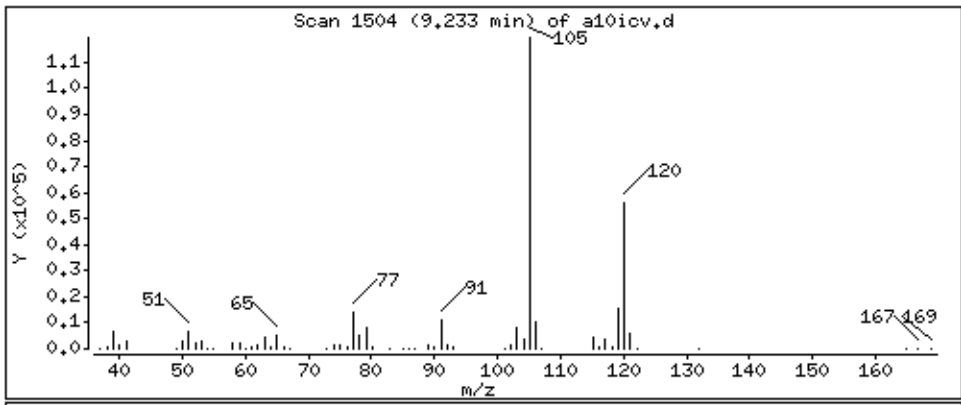
Operator: rsw

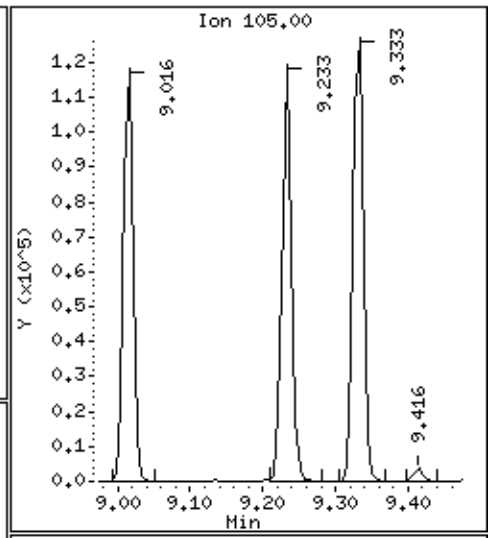
Column phase: DB-624

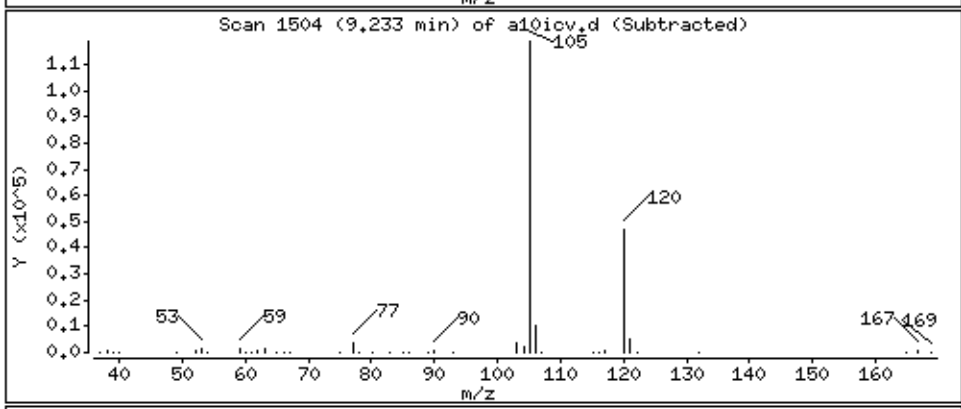
Column diameter: 0.18

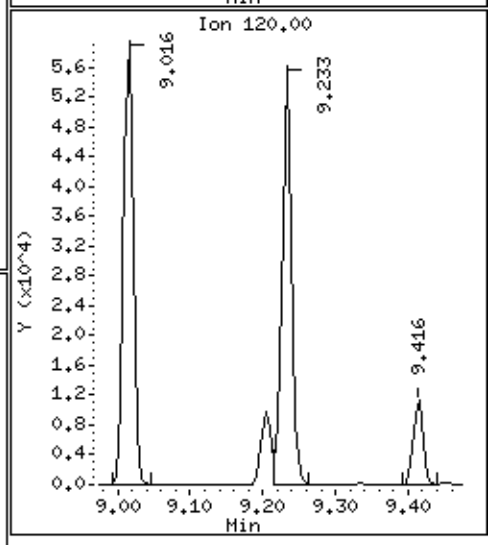
87 1,2,4-Trimethylbenzene

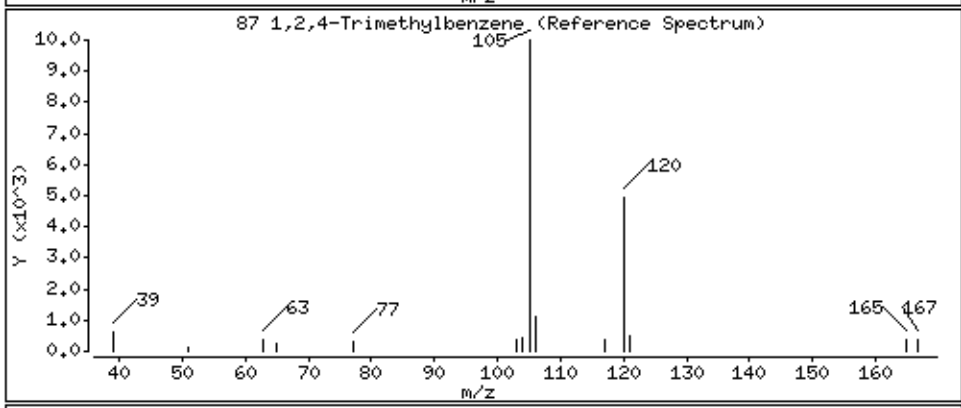
Concentration: 57.9 ppb

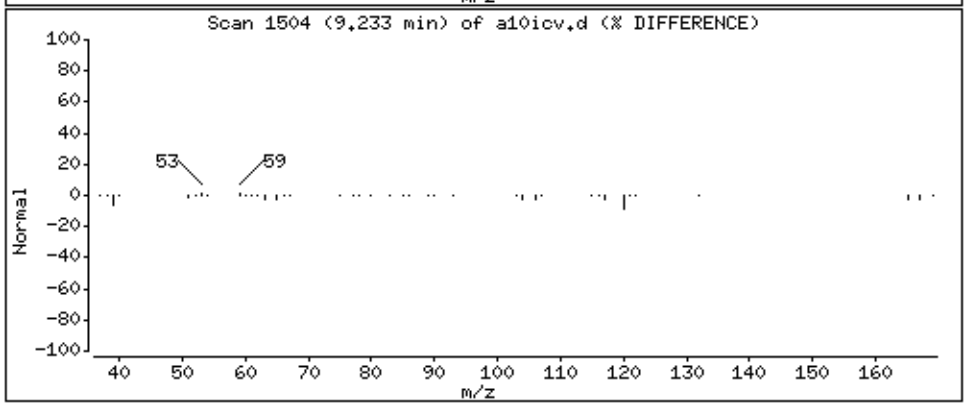












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

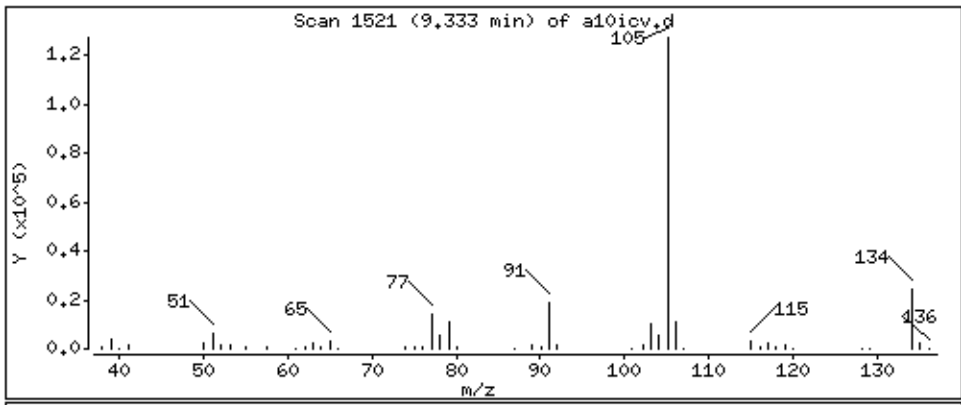
Operator: rsw

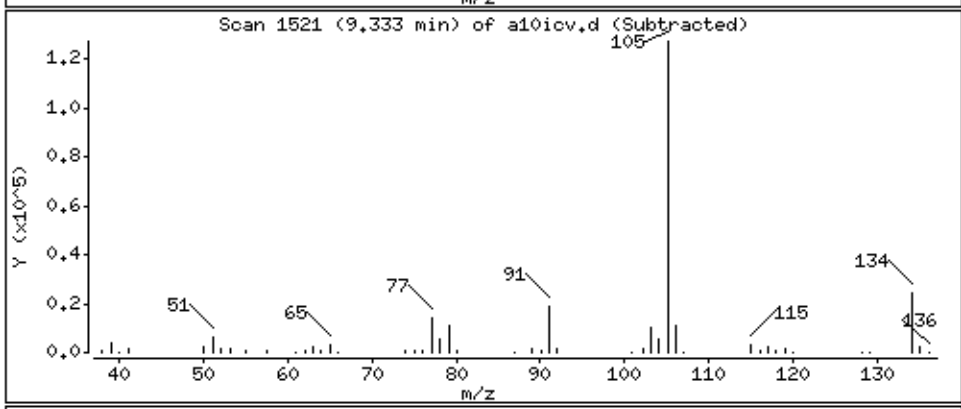
Column phase: DB-624

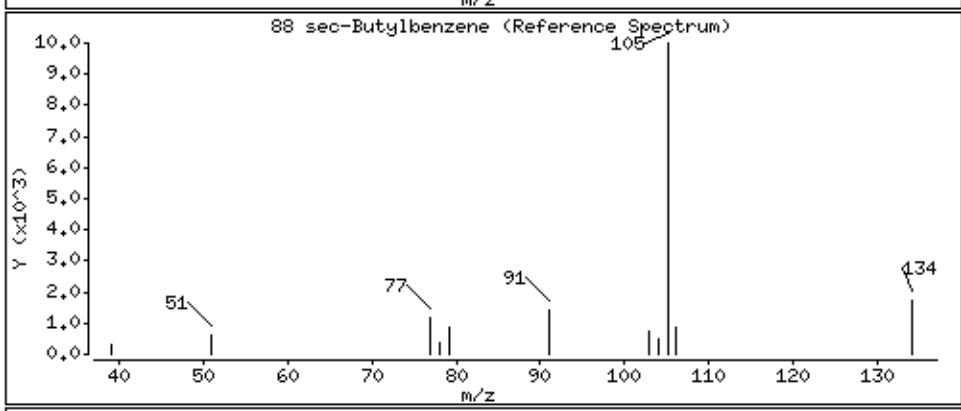
Column diameter: 0.18

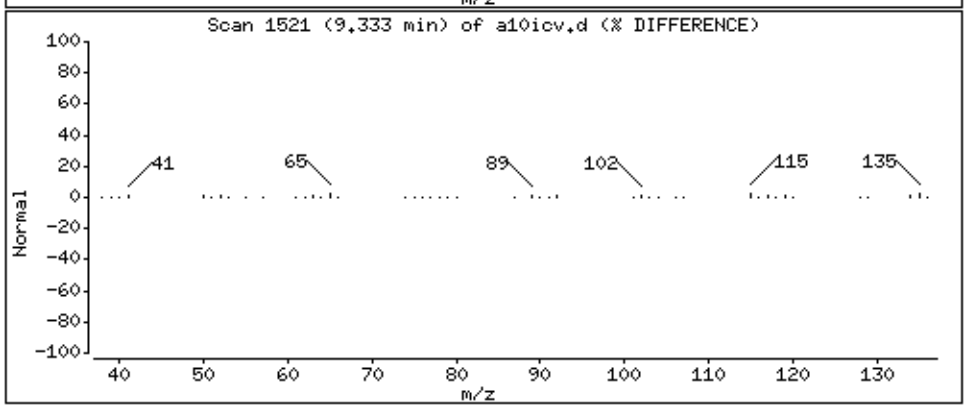
88 sec-Butylbenzene

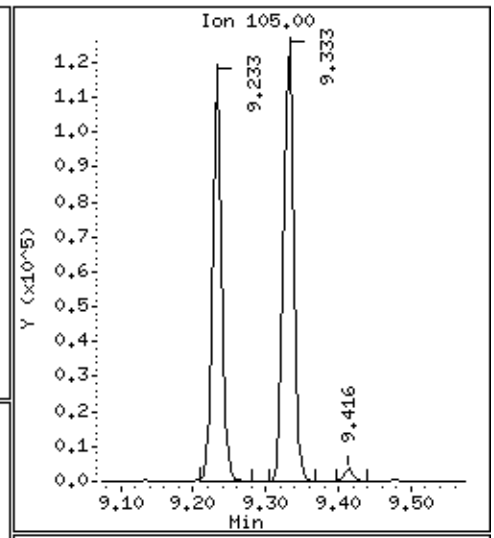
Concentration: 58.5 ppb

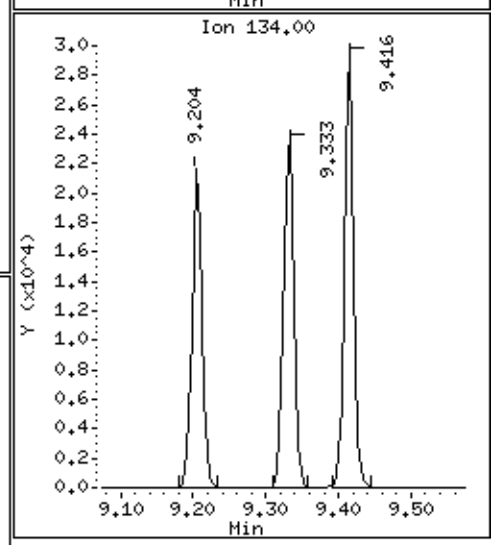












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

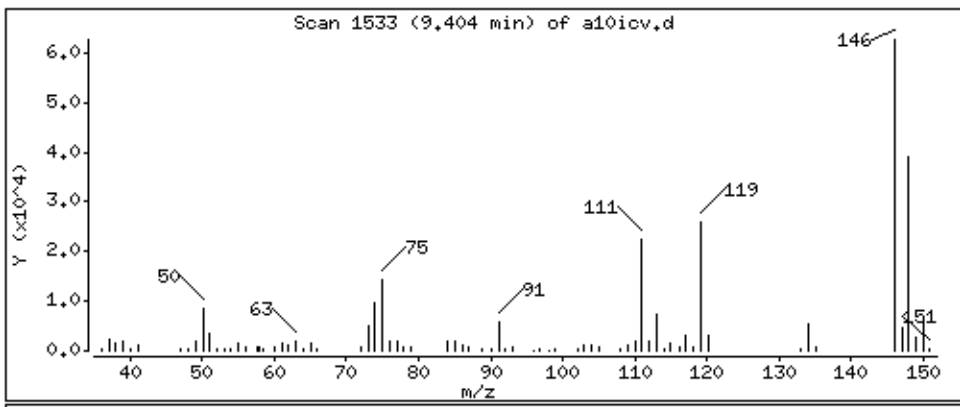
Operator: rsw

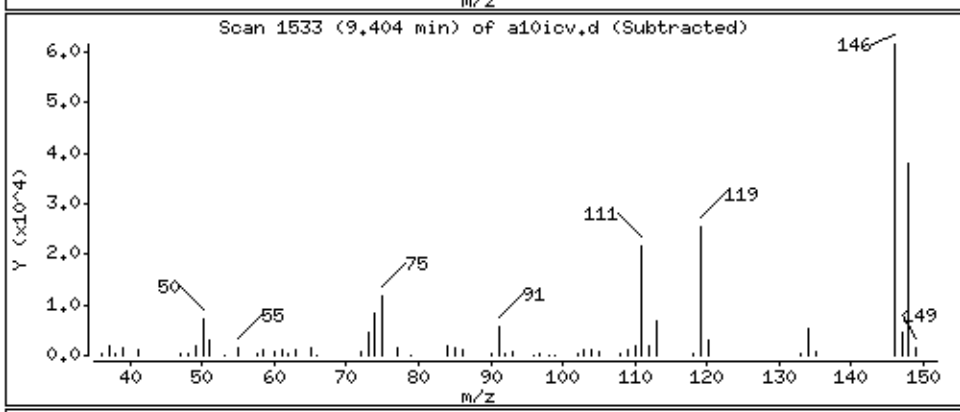
Column phase: DB-624

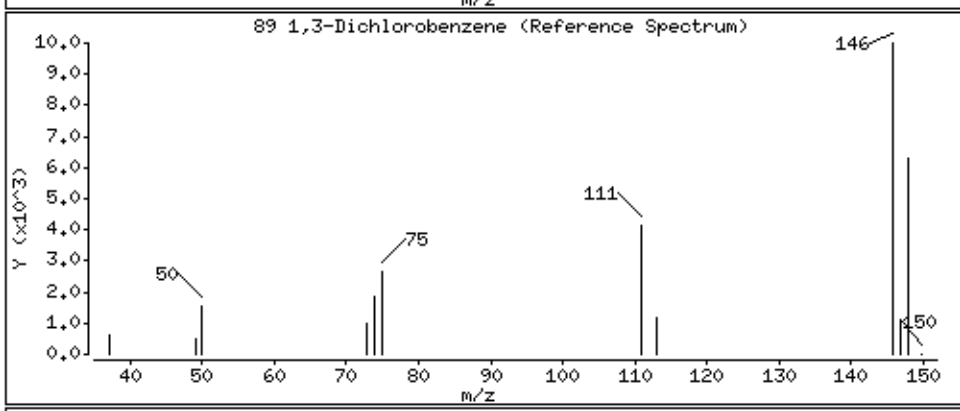
Column diameter: 0.18

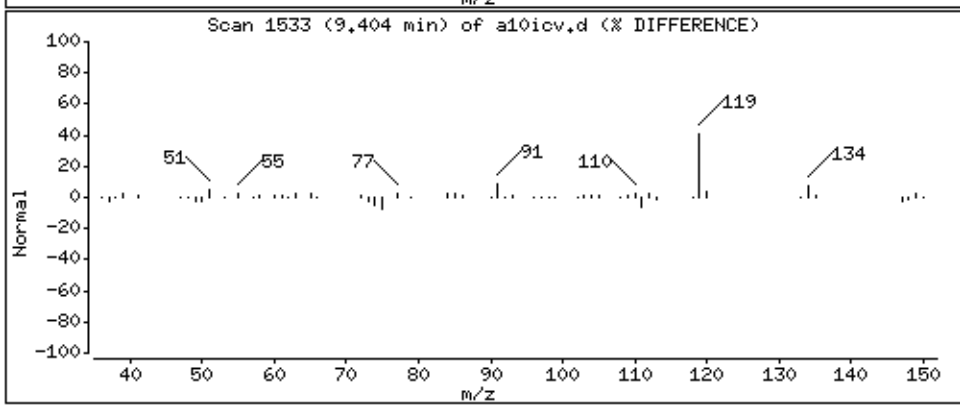
89 1,3-Dichlorobenzene

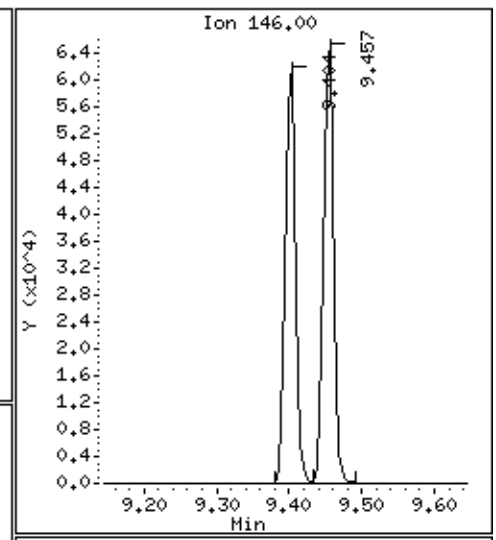
Concentration: 55.4 ppb

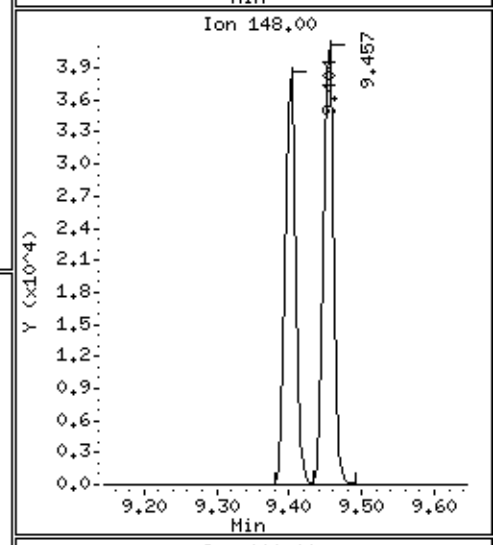


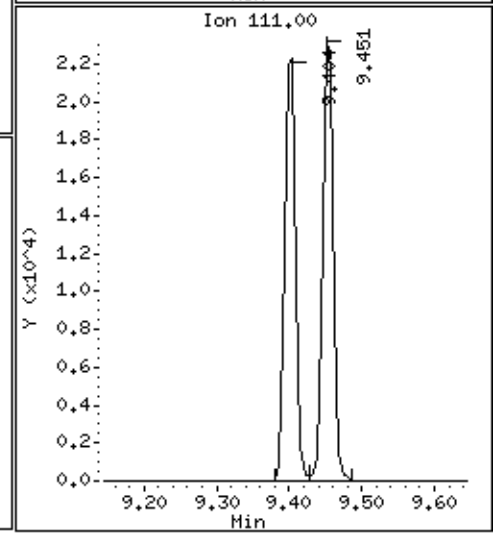












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

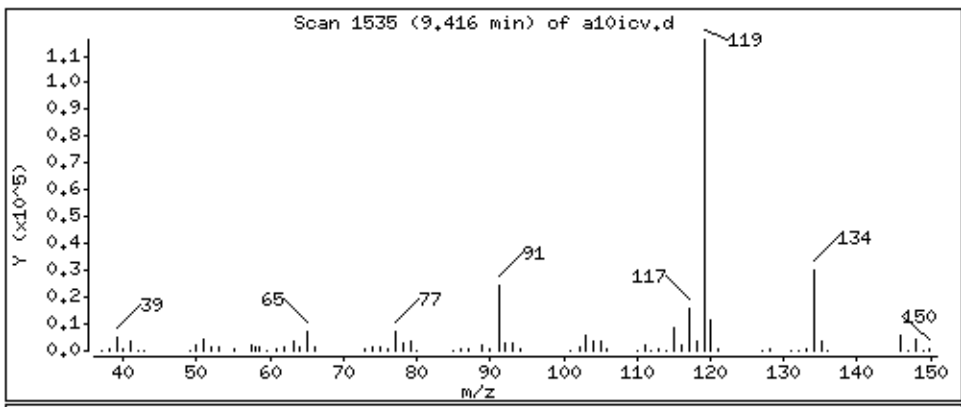
Operator: rsw

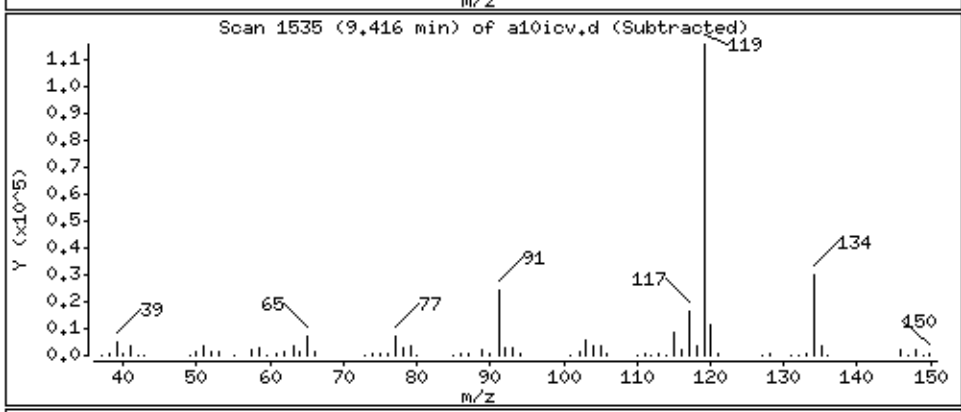
Column phase: DB-624

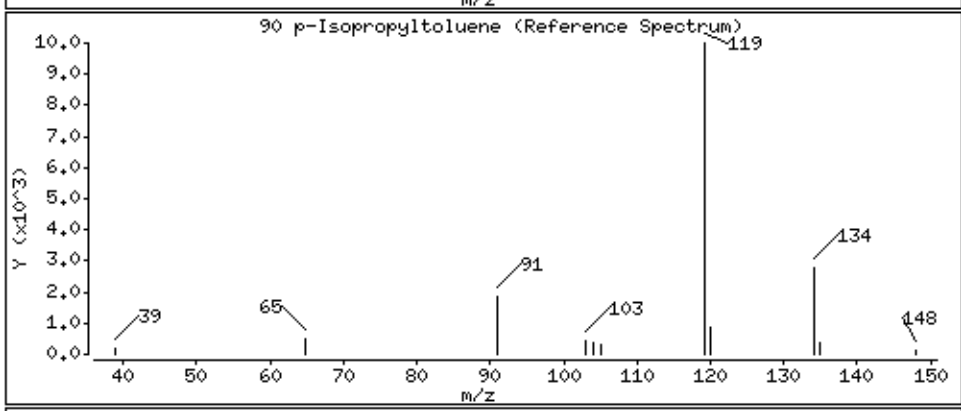
Column diameter: 0.18

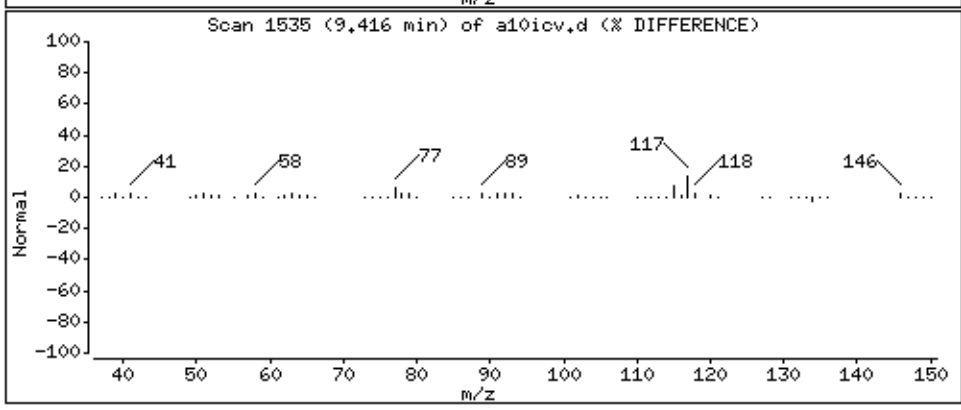
90 p-Isopropyltoluene

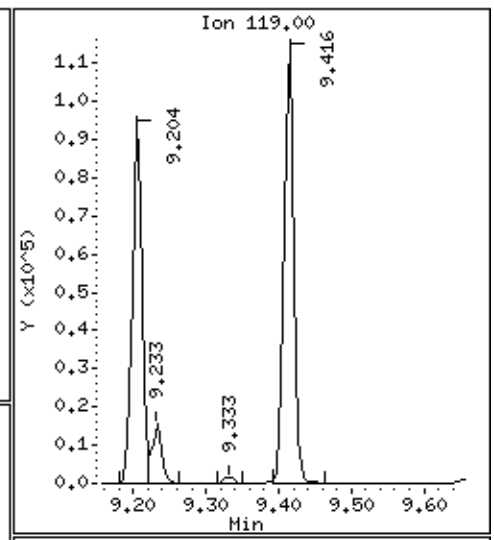
Concentration: 57.1 ppb

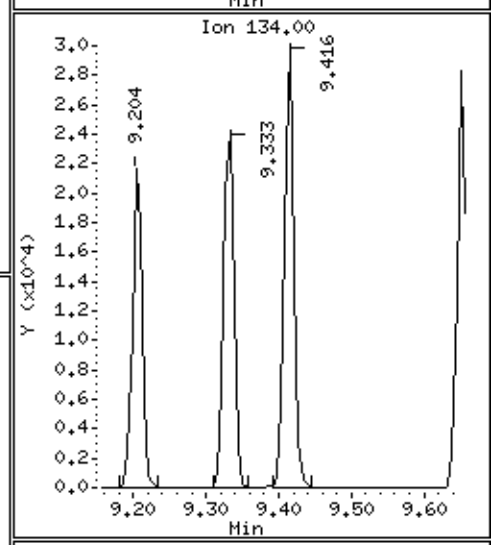


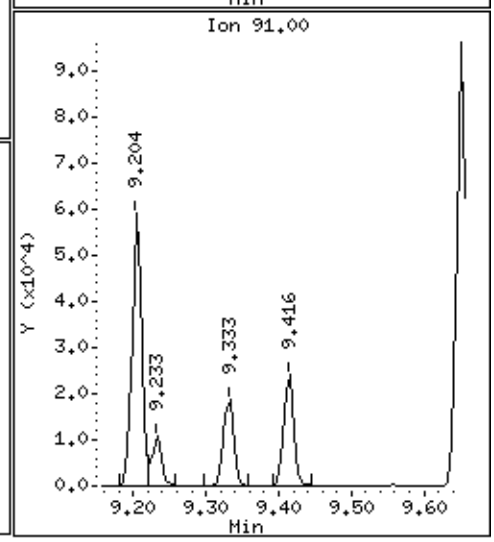












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

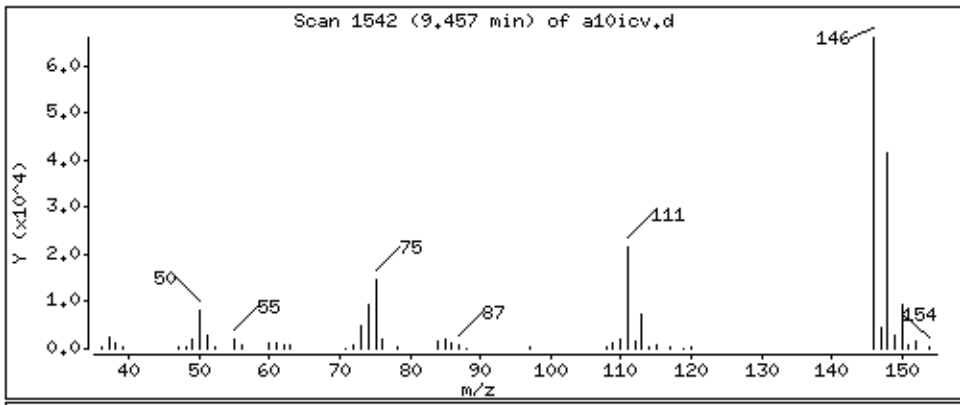
Operator: rsw

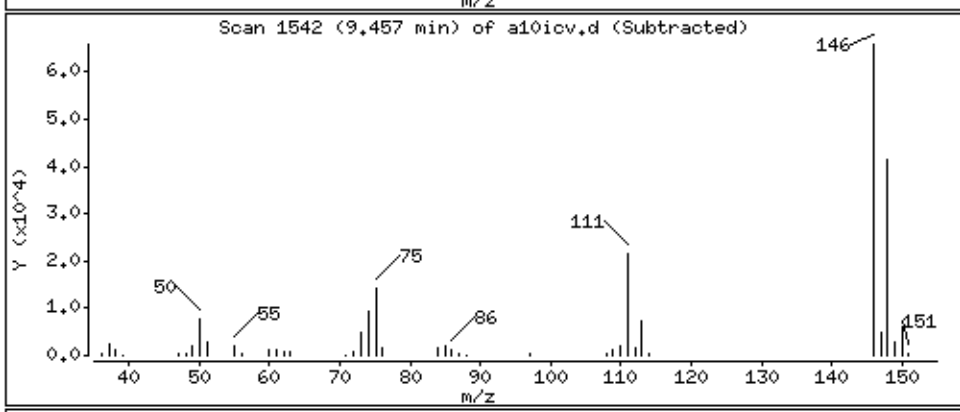
Column phase: DB-624

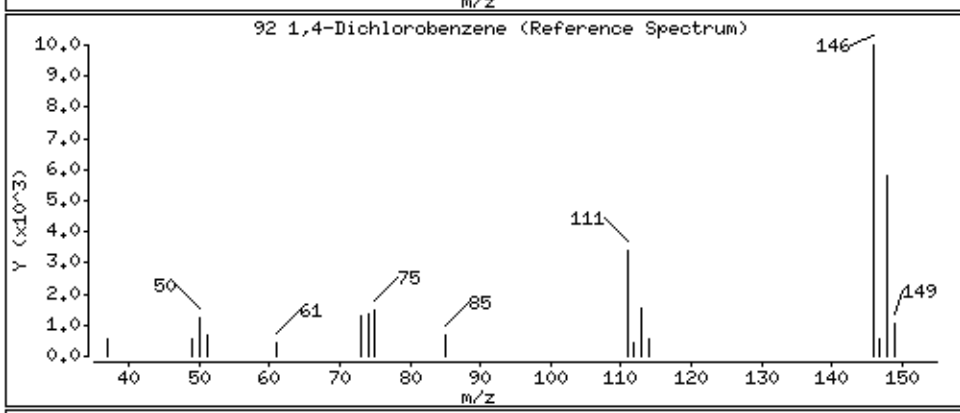
Column diameter: 0.18

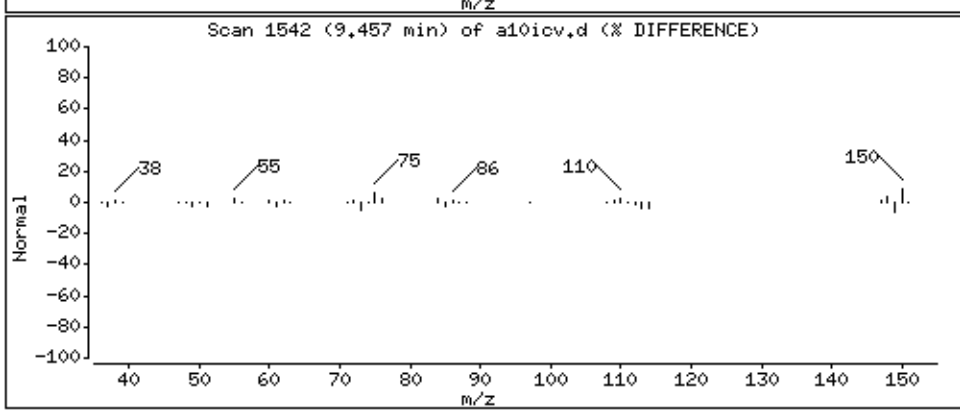
92 1,4-Dichlorobenzene

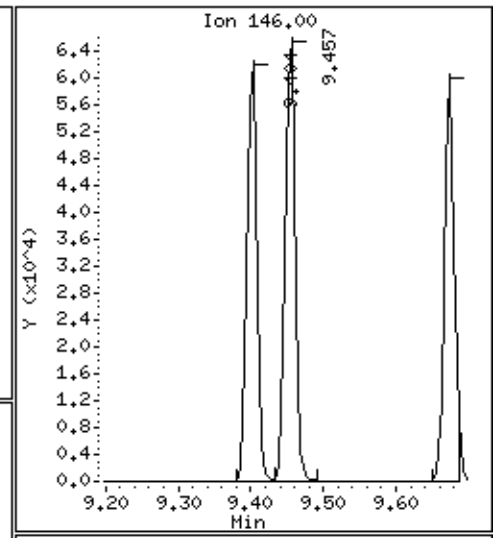
Concentration: 54.3 ppb

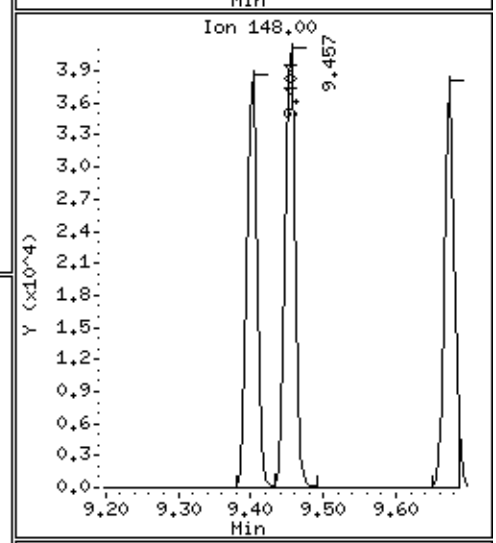


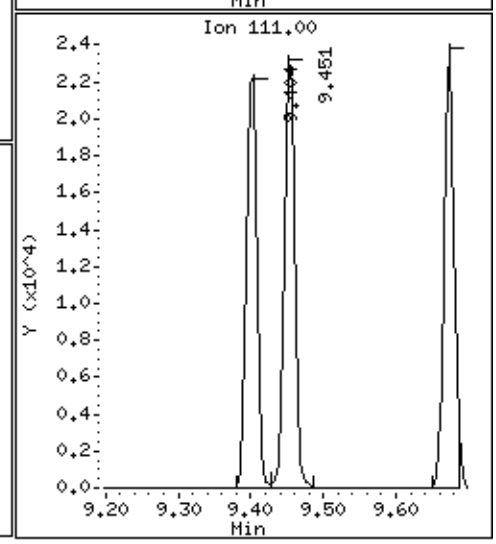












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

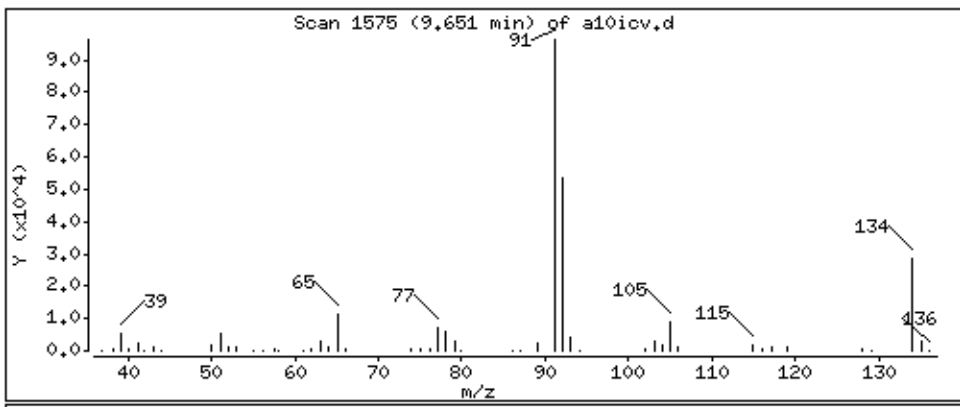
Operator: rsw

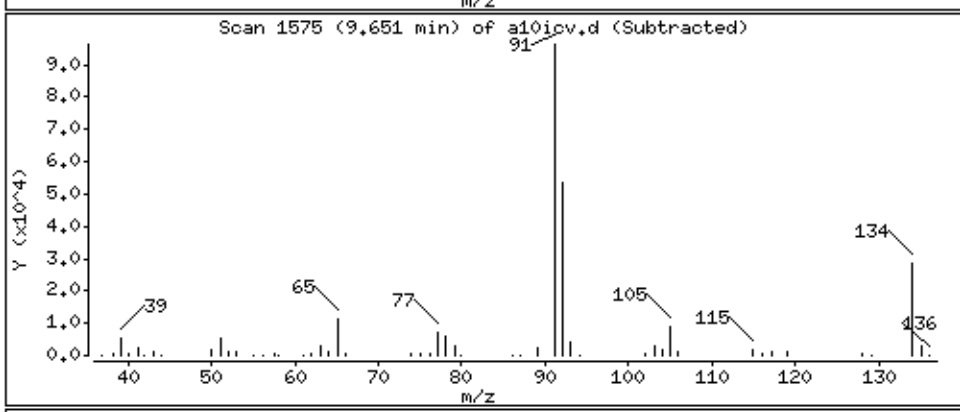
Column phase: DB-624

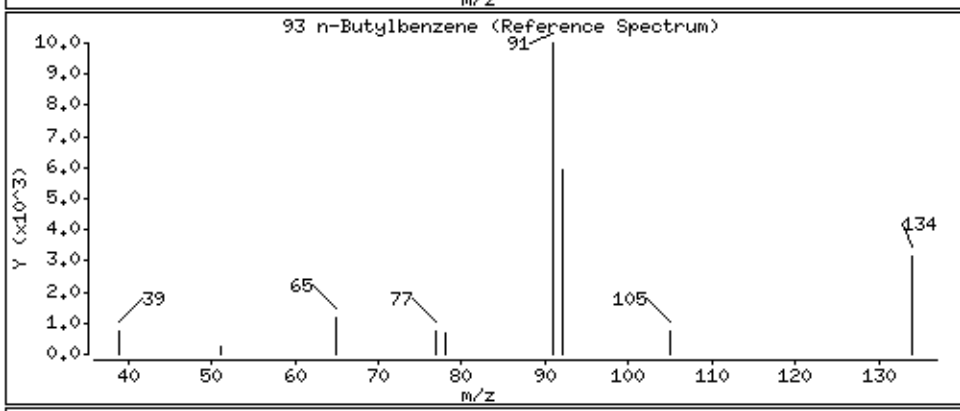
Column diameter: 0.18

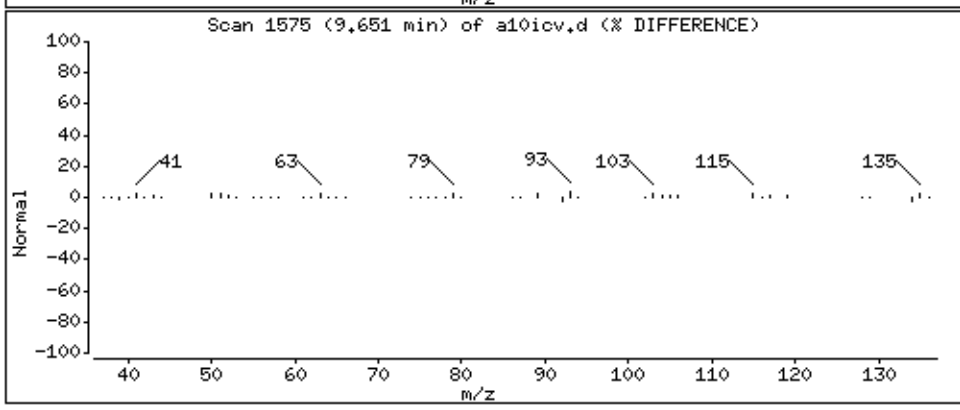
93 n-Butylbenzene

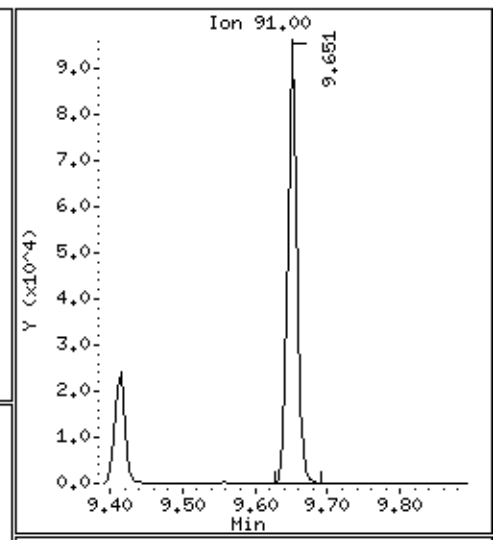
Concentration: 58.8 ppb

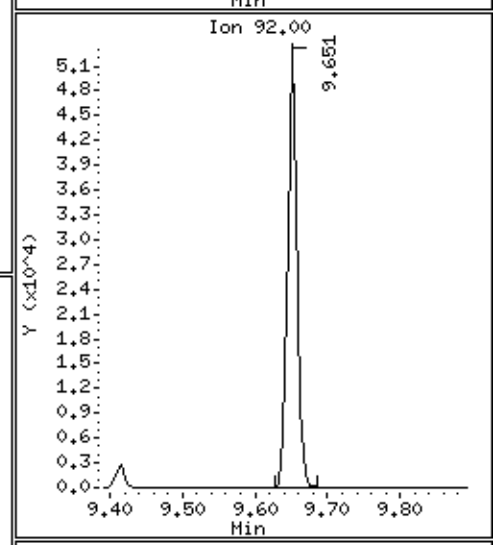


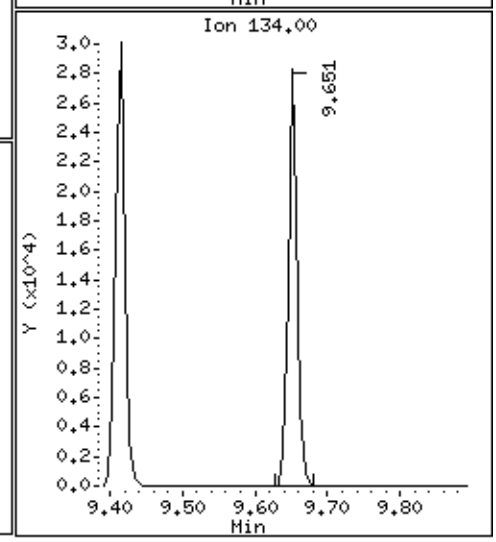












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

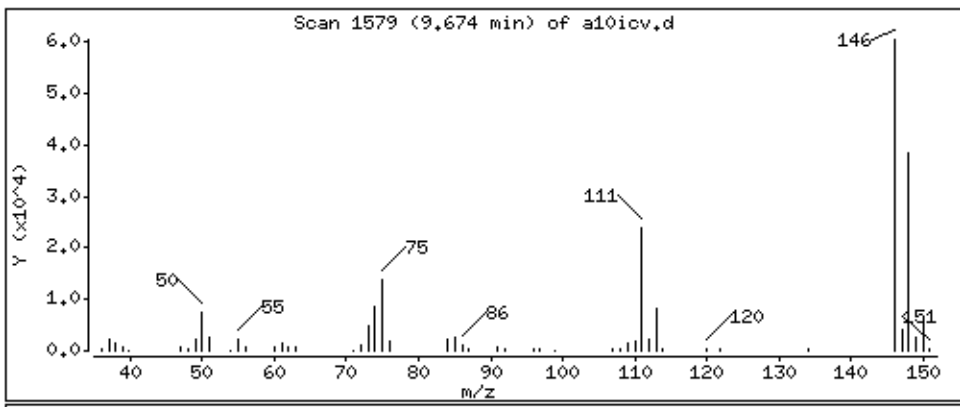
Operator: rsw

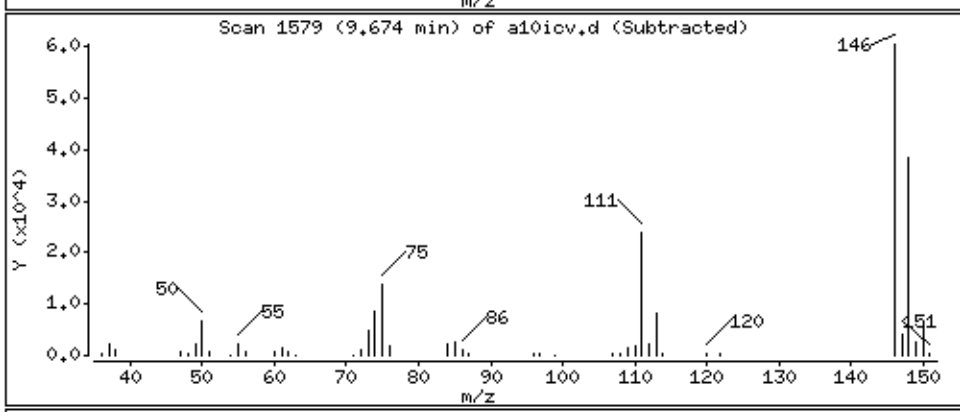
Column phase: DB-624

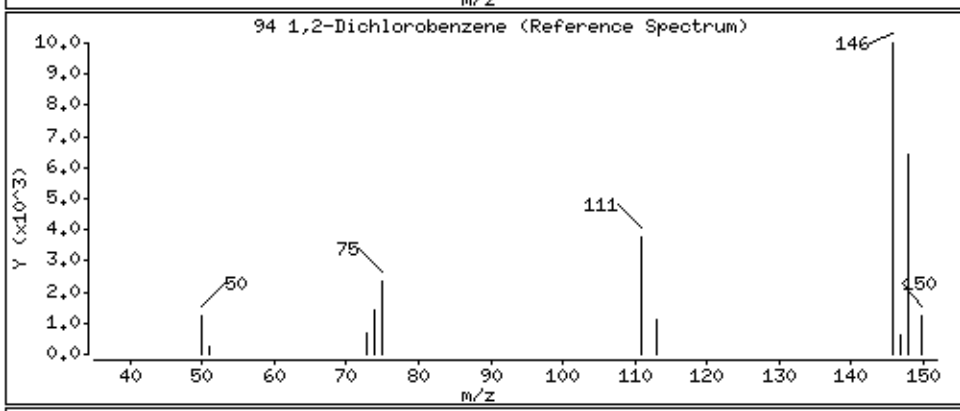
Column diameter: 0.18

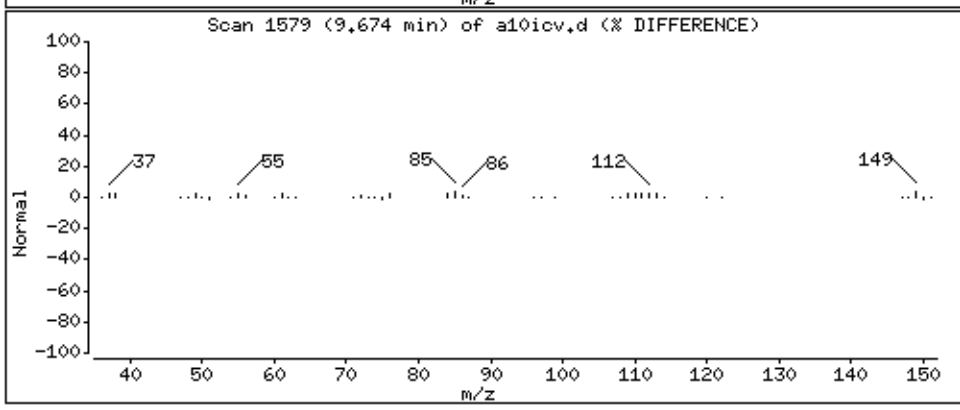
94 1,2-Dichlorobenzene

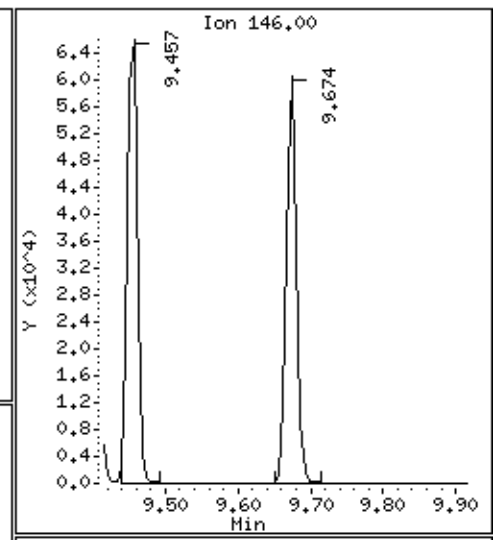
Concentration: 53.3 ppb

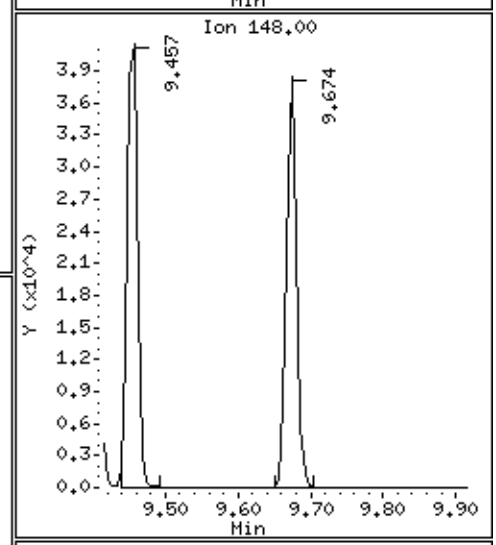


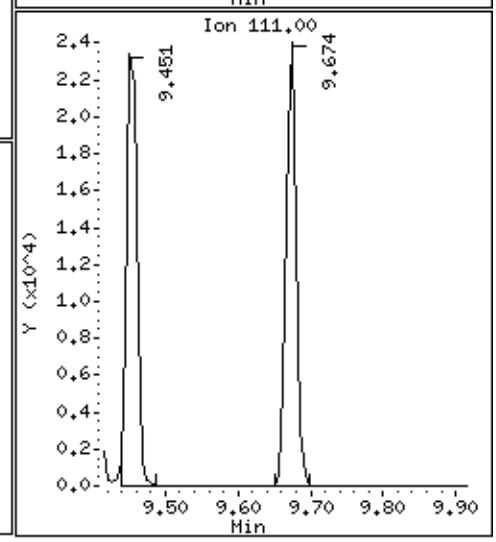












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

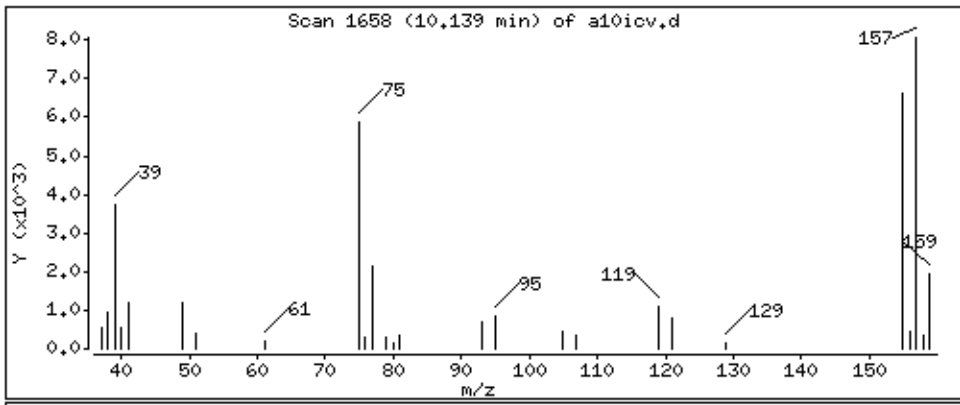
Operator: rsw

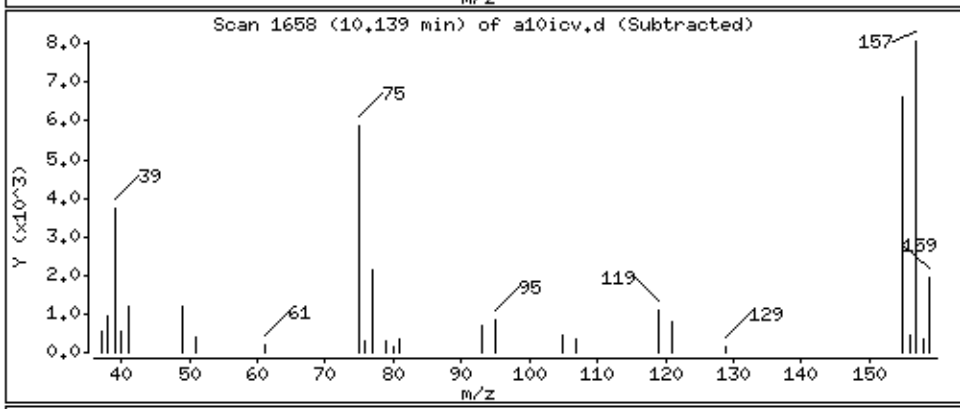
Column phase: DB-624

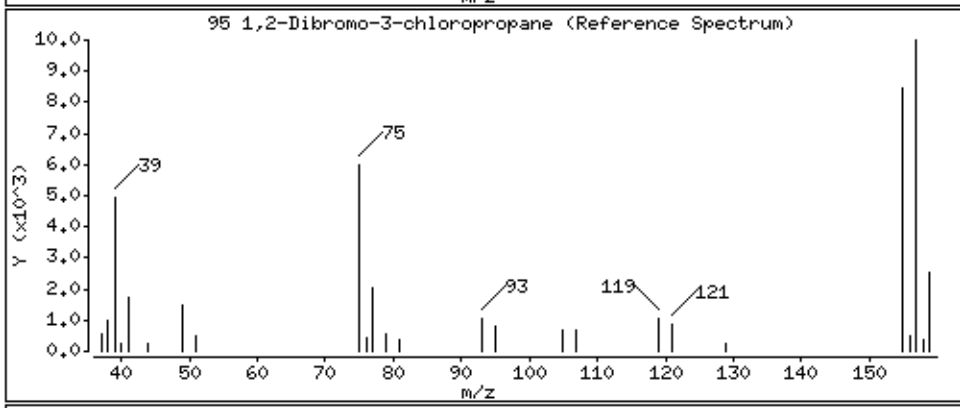
Column diameter: 0.18

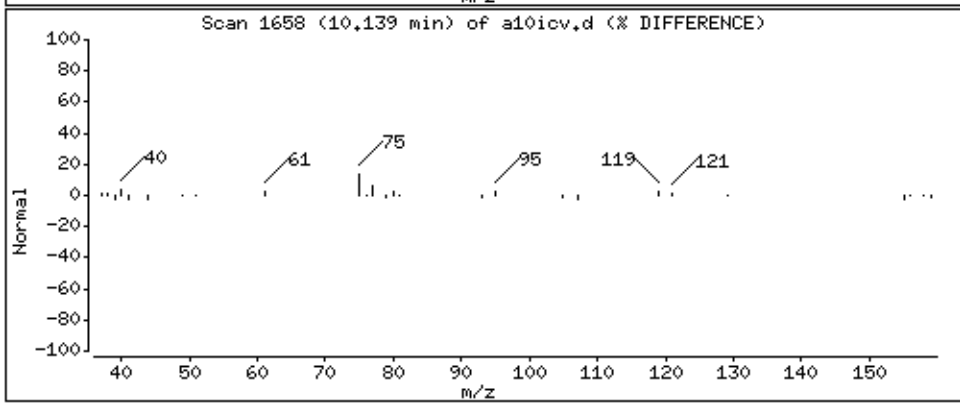
95 1,2-Dibromo-3-chloropropane

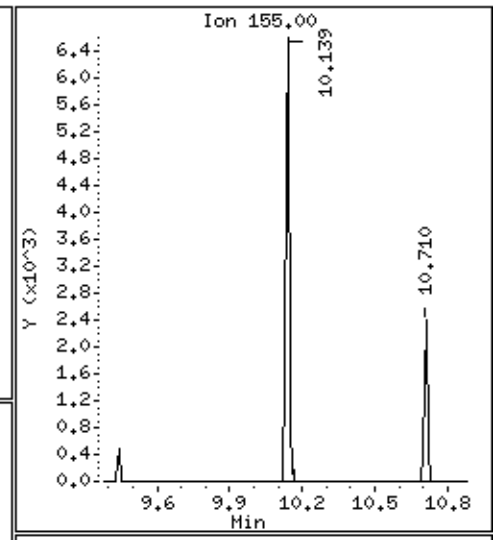
Concentration: 47.9 ppb

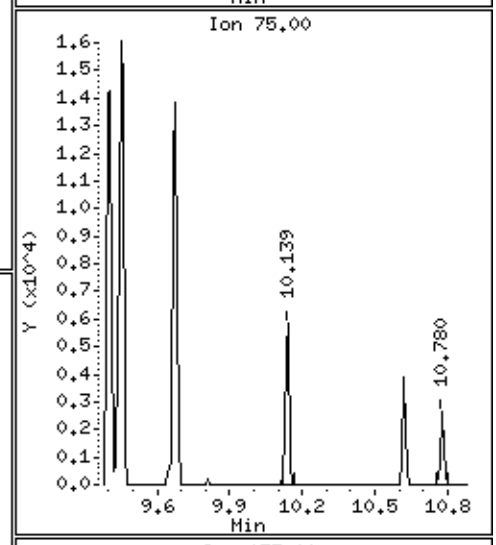


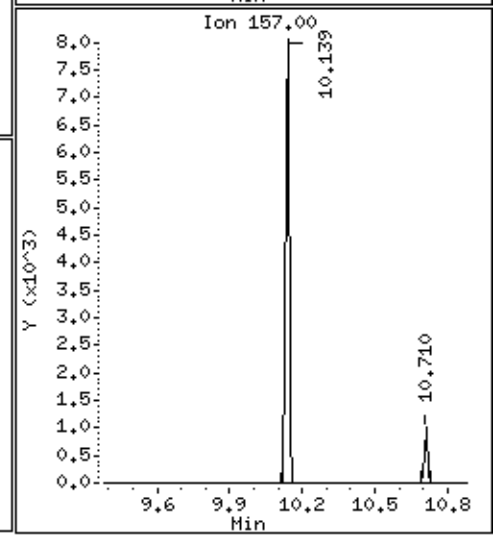












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

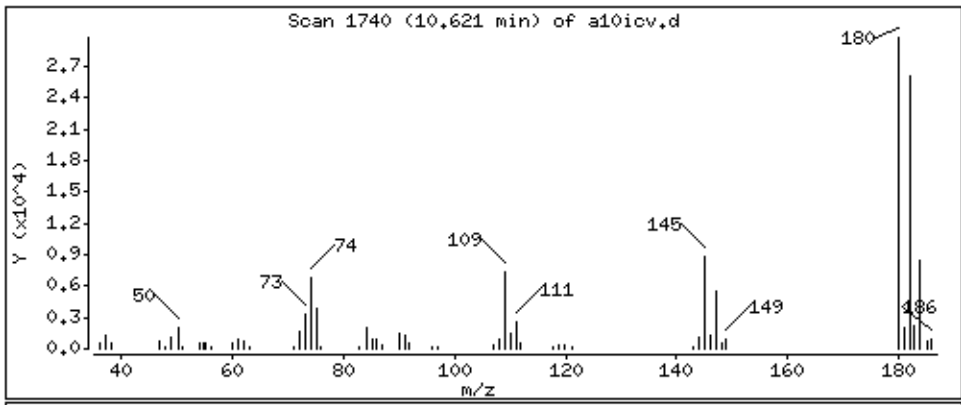
Operator: rsw

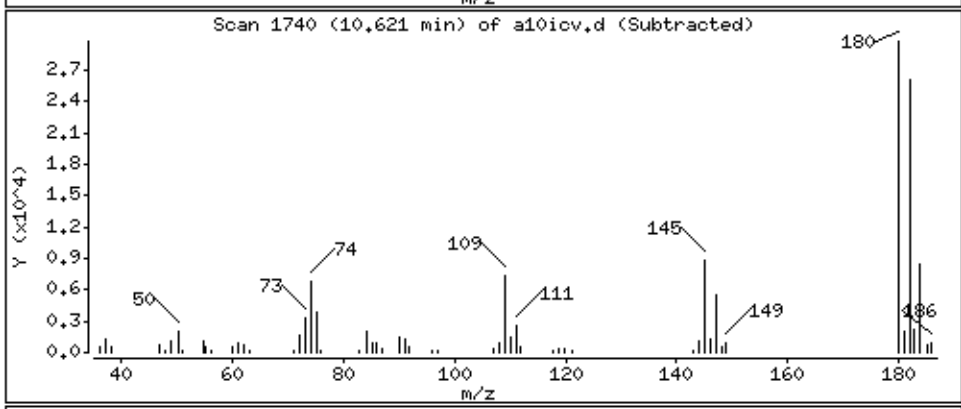
Column phase: DB-624

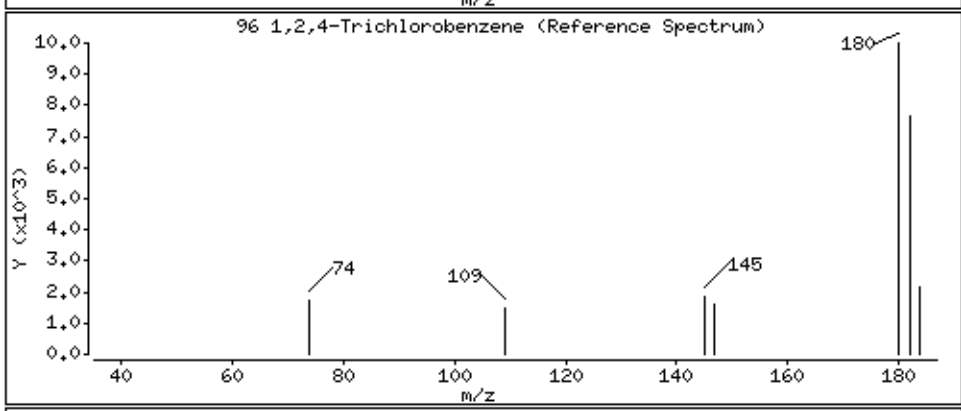
Column diameter: 0.18

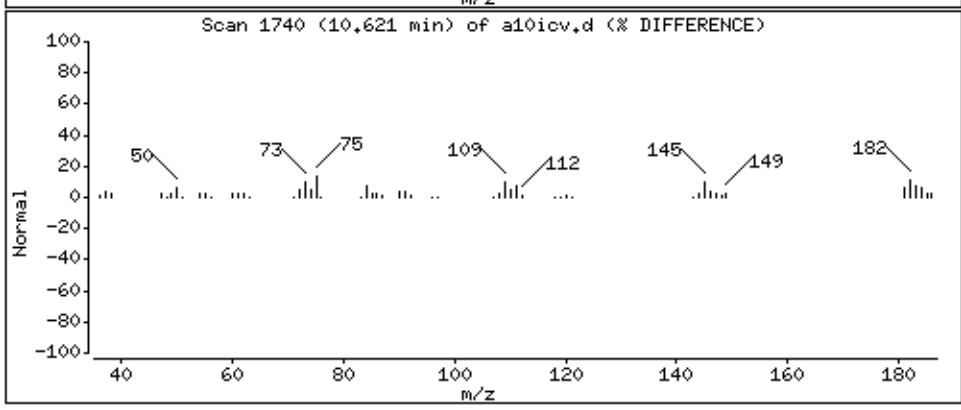
96 1,2,4-Trichlorobenzene

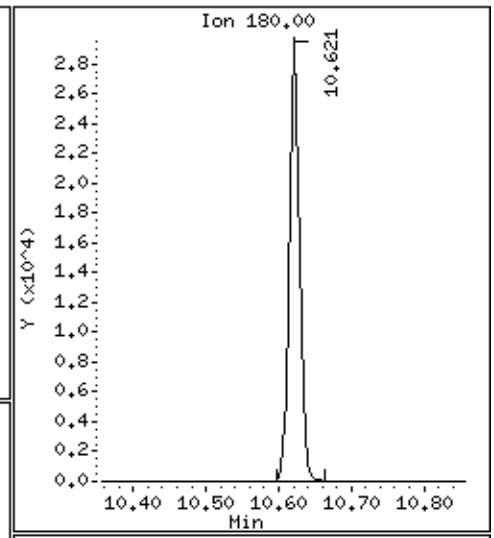
Concentration: 48.1 ppb

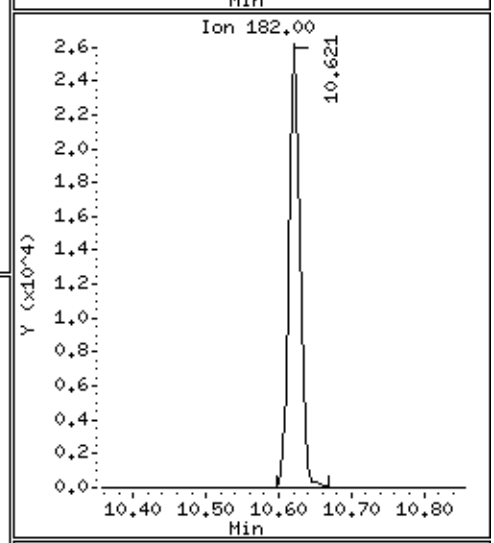


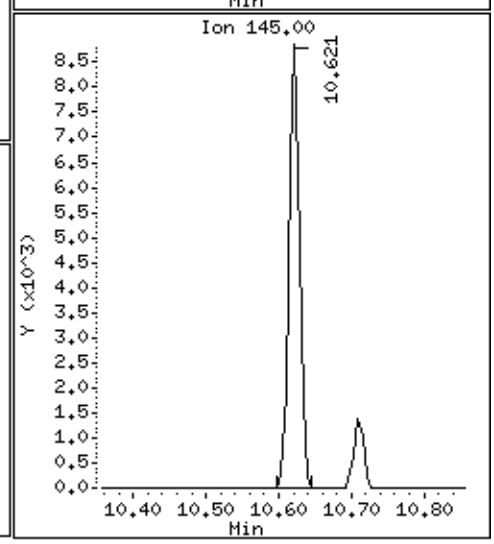












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

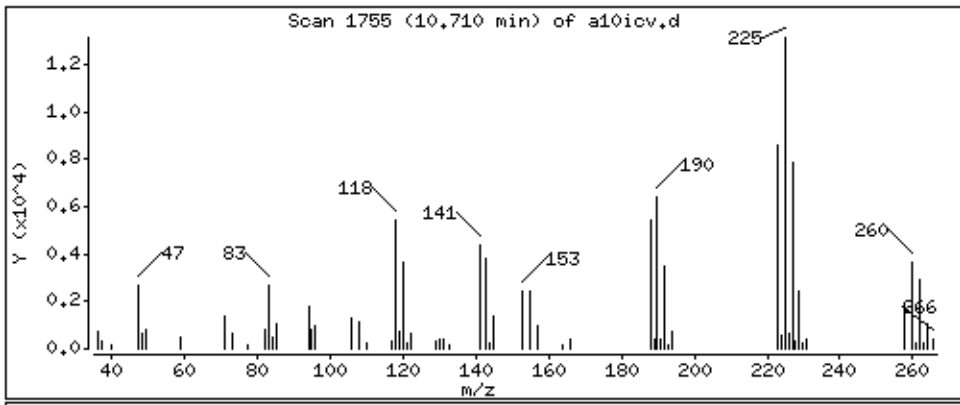
Operator: rsw

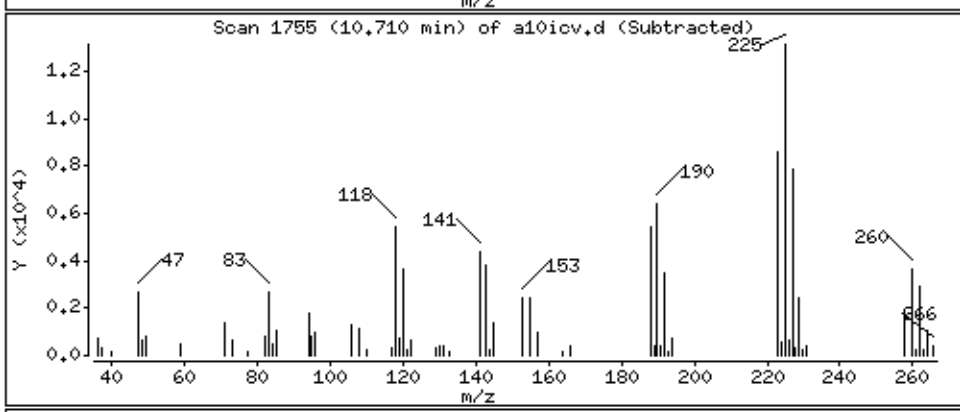
Column phase: DB-624

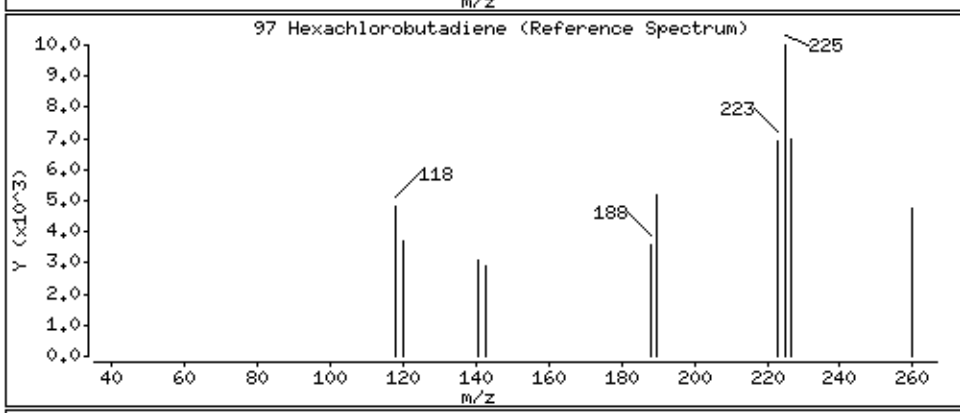
Column diameter: 0.18

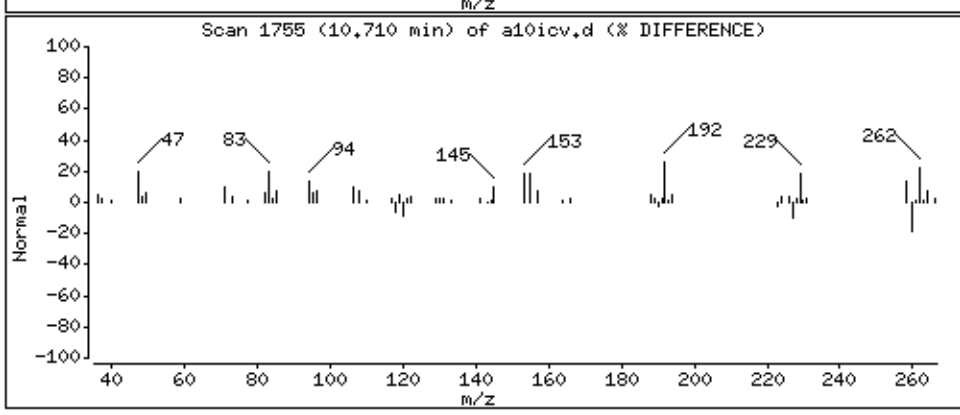
97 Hexachlorobutadiene

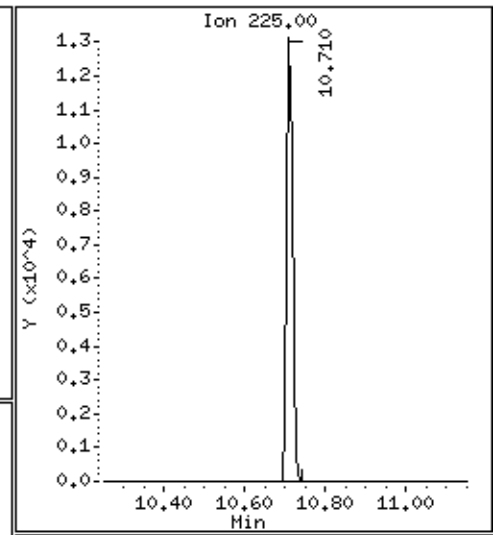
Concentration: 54.5 ppb

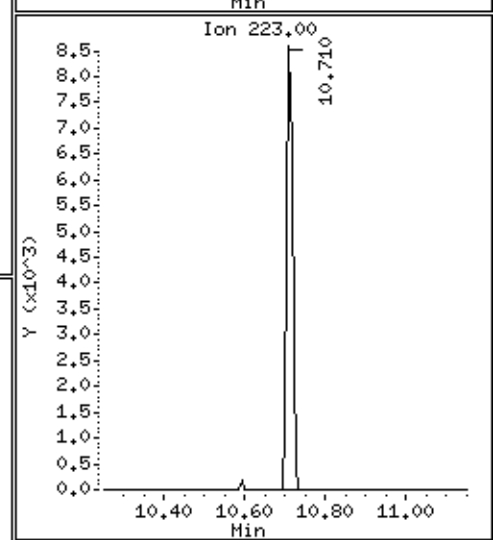


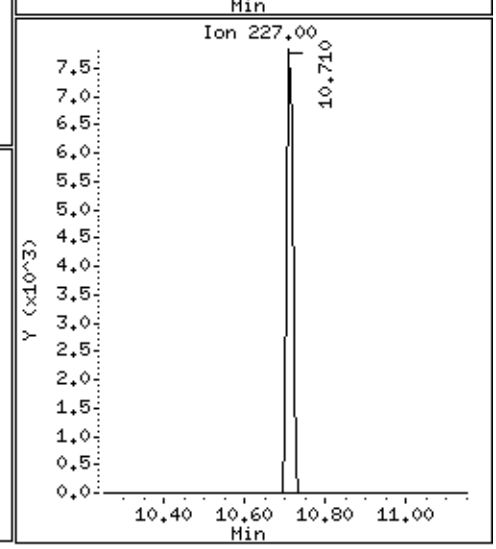












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

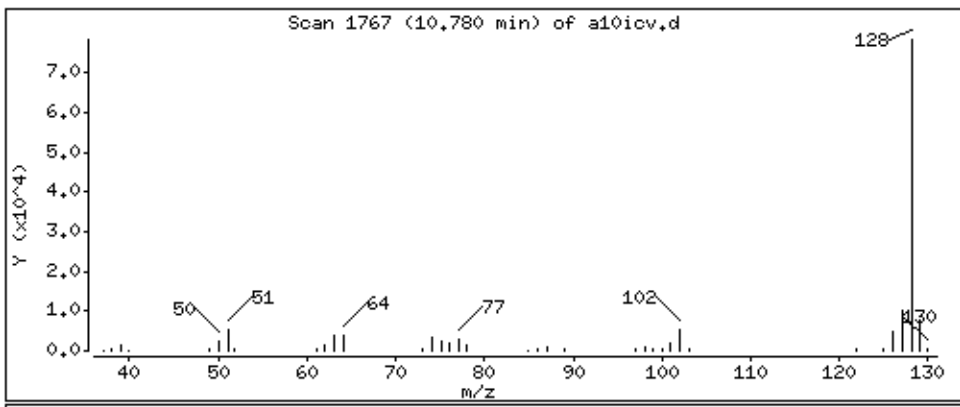
Operator: rsw

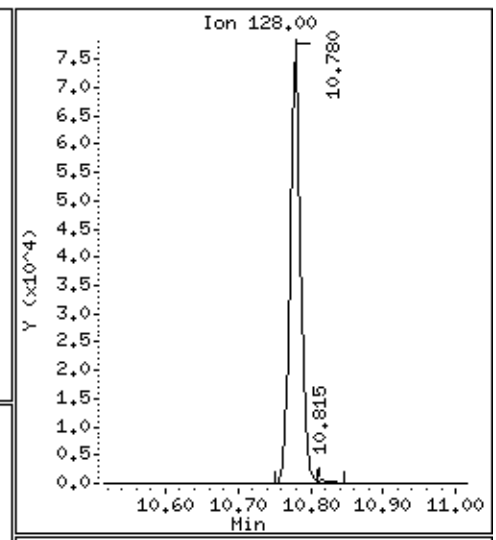
Column phase: DB-624

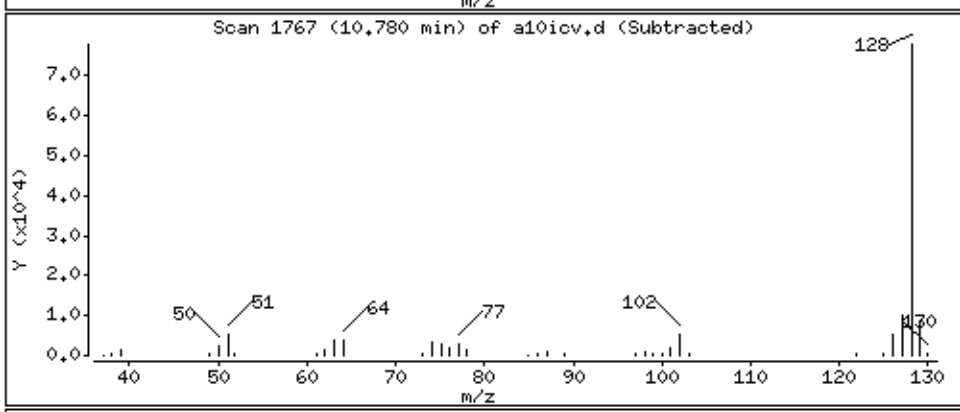
Column diameter: 0.18

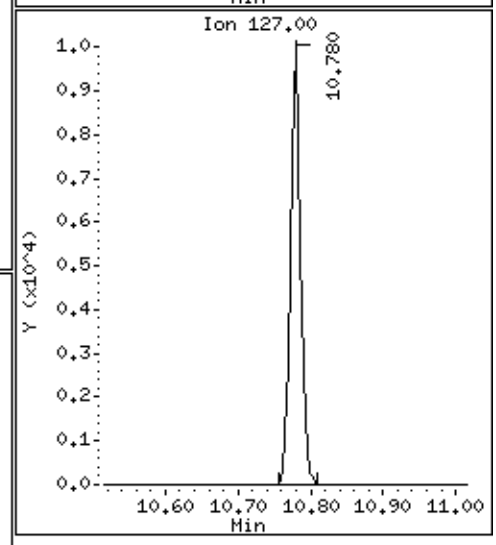
98 Naphthalene

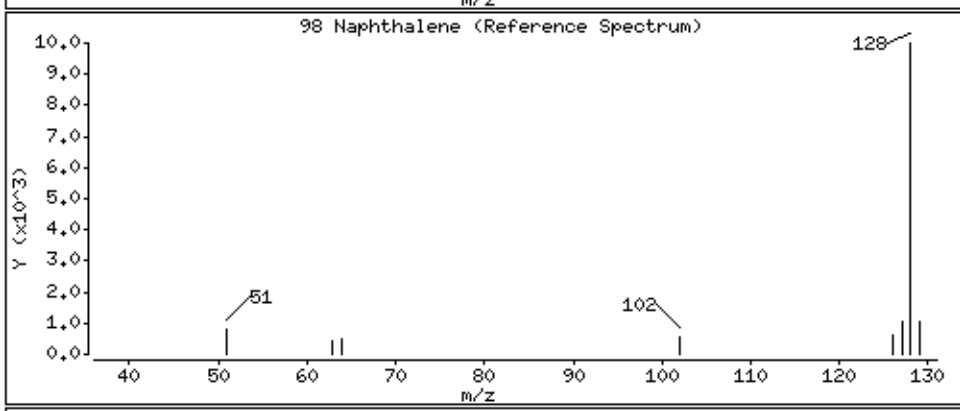
Concentration: 41.8 ppb

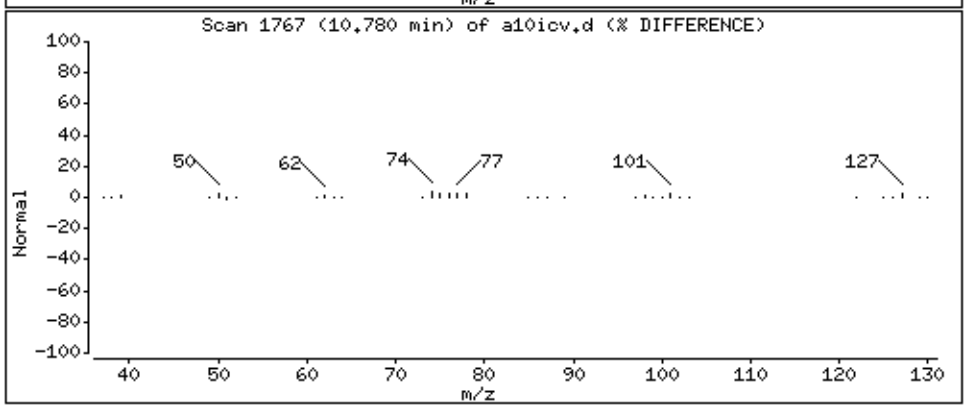












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

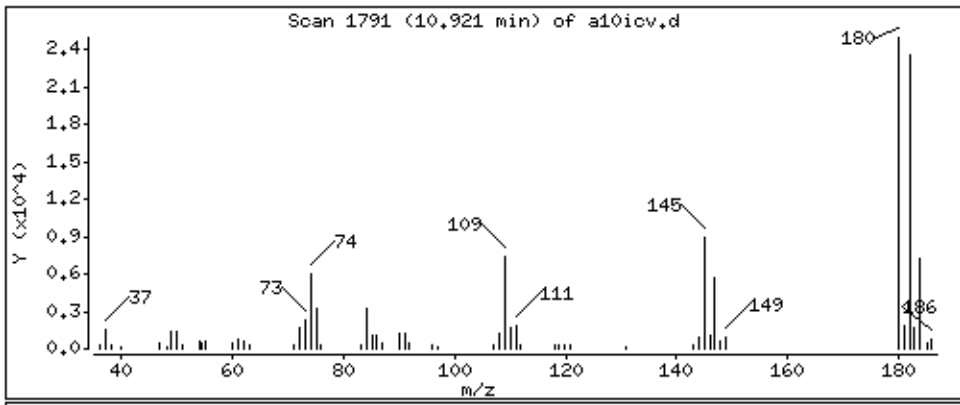
Operator: rsw

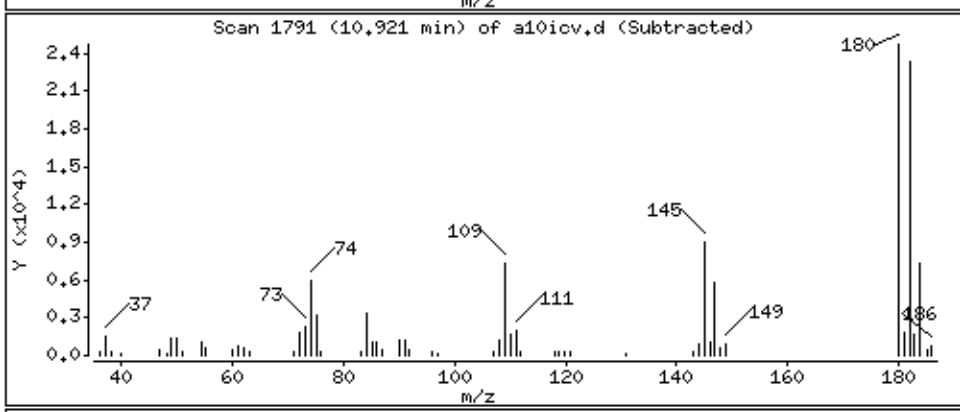
Column phase: DB-624

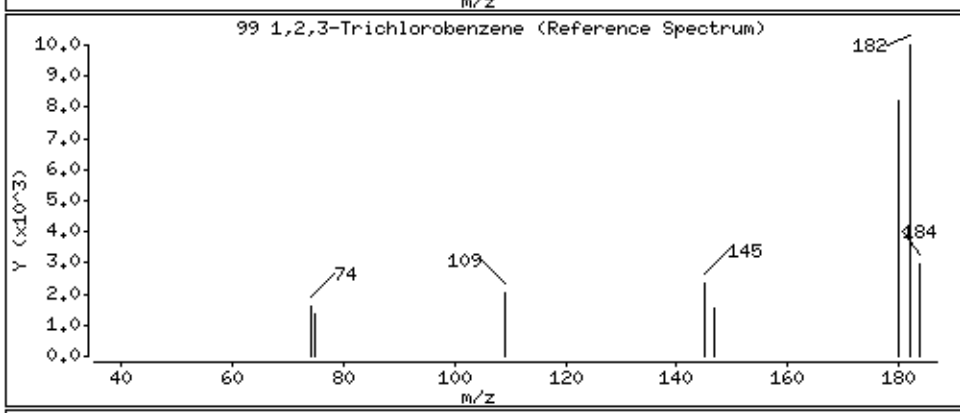
Column diameter: 0.18

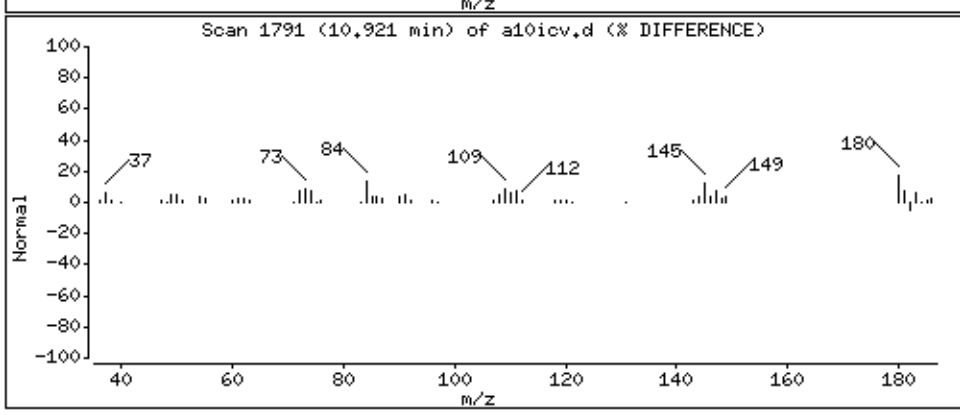
99 1,2,3-Trichlorobenzene

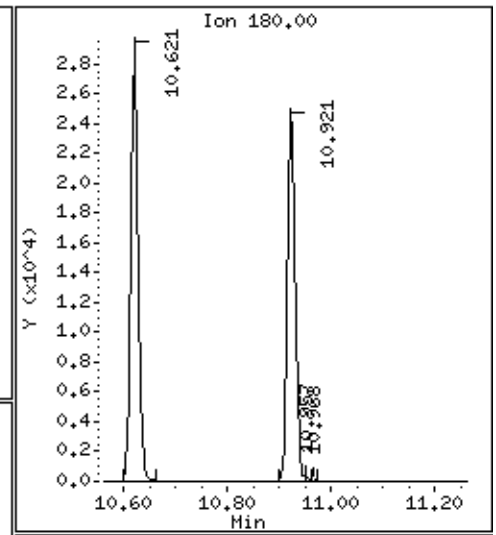
Concentration: 53.8 ppb

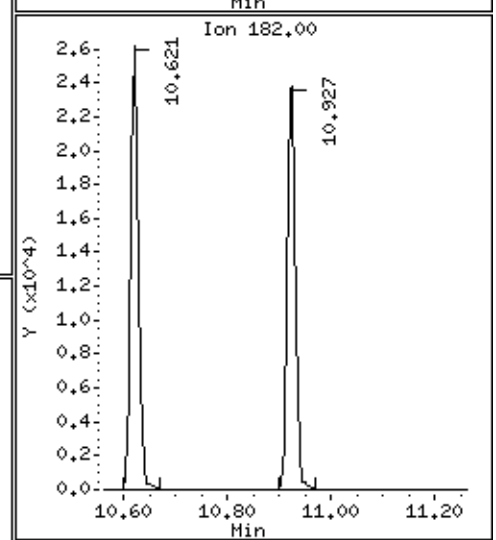


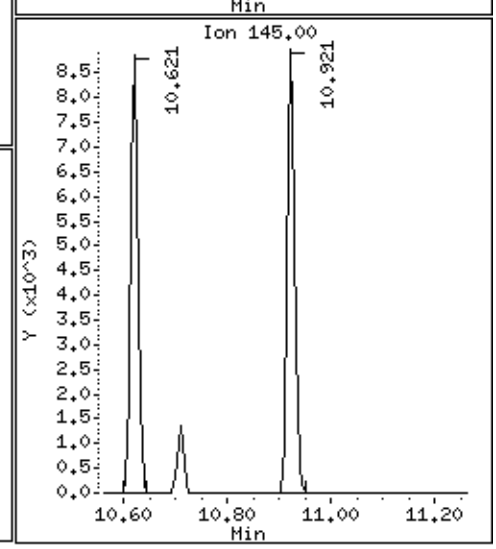












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

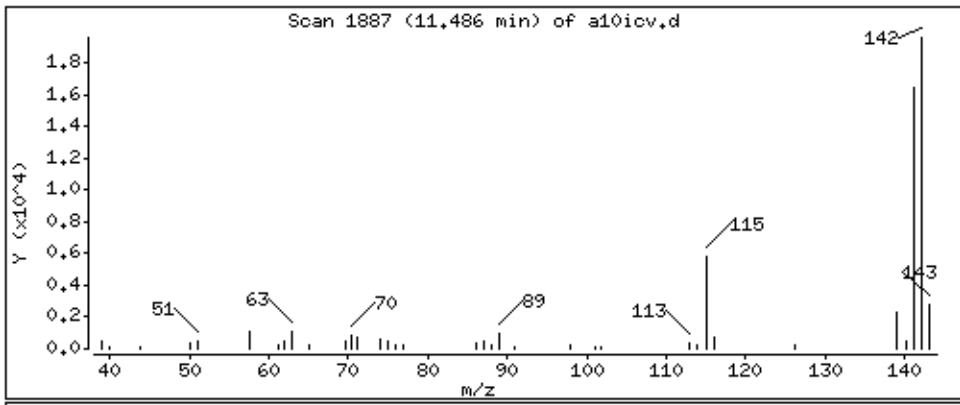
Operator: rsw

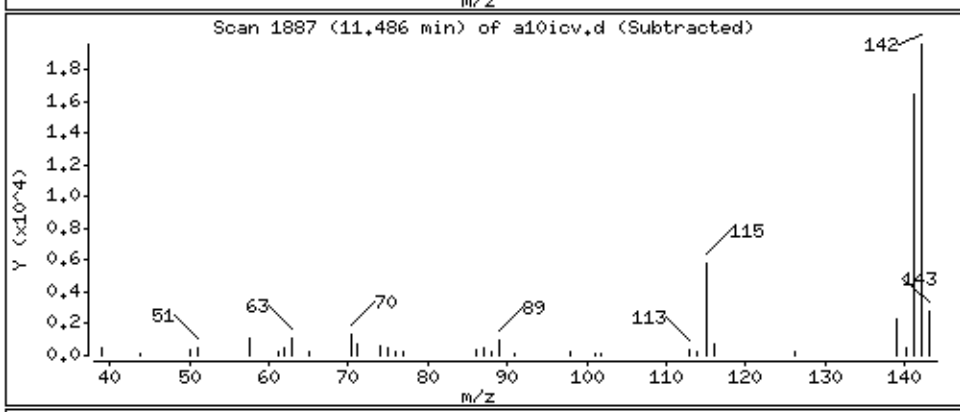
Column phase: DB-624

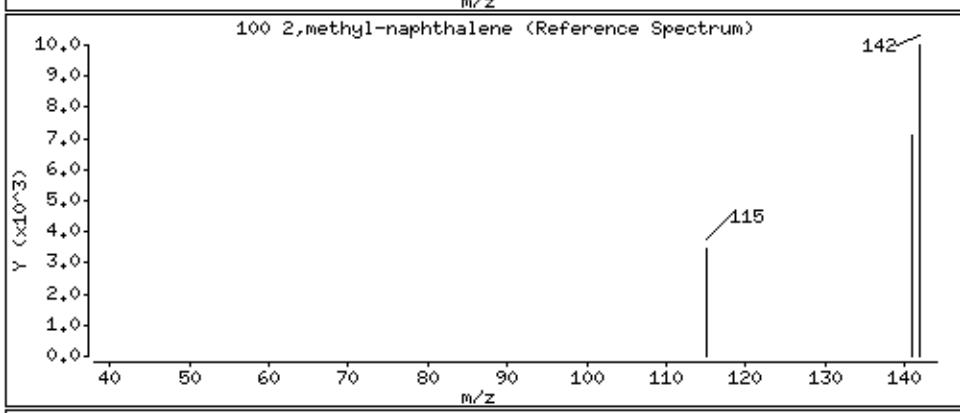
Column diameter: 0.18

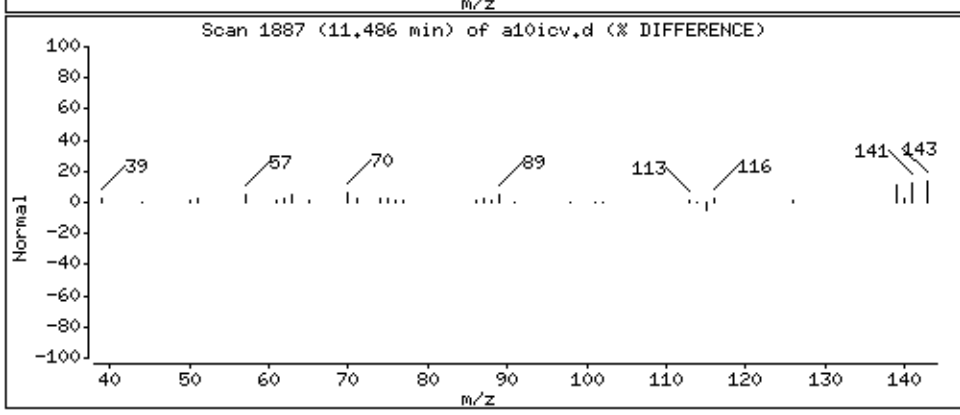
100 2,methyl-naphthalene

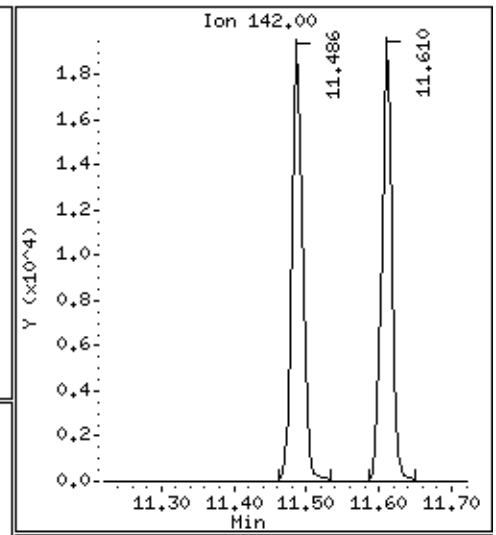
Concentration: 41.1 ppb

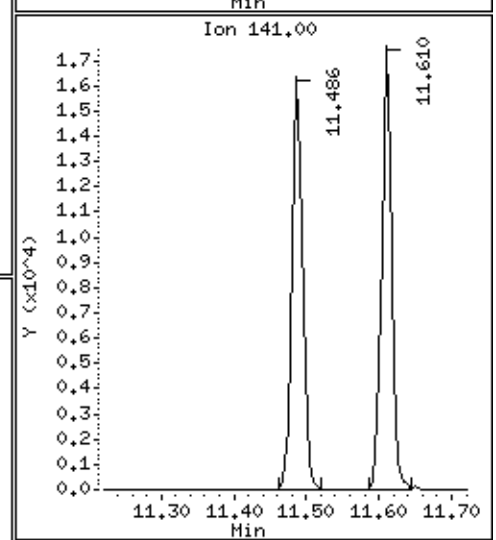


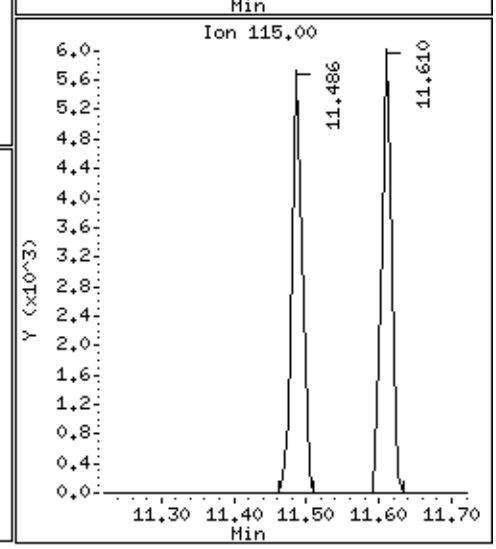












Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a10icv.d

Date : 11-OCT-2017 23:13

Client ID: 8260-ICV

Instrument: 50mv4a.i

Sample Info: 8260-ICV,160368:0

Purge Volume: 5.0

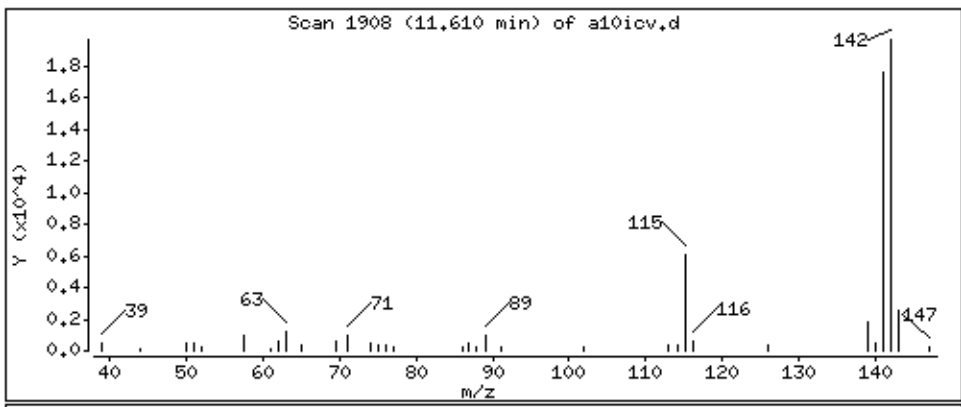
Operator: rsw

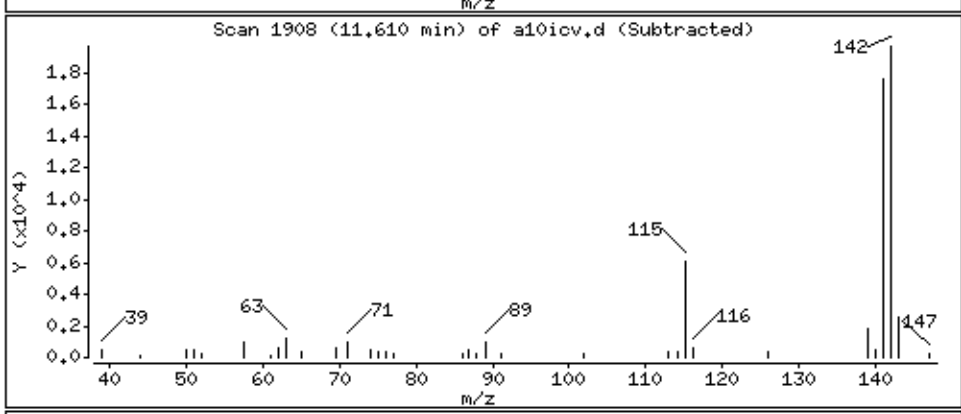
Column phase: DB-624

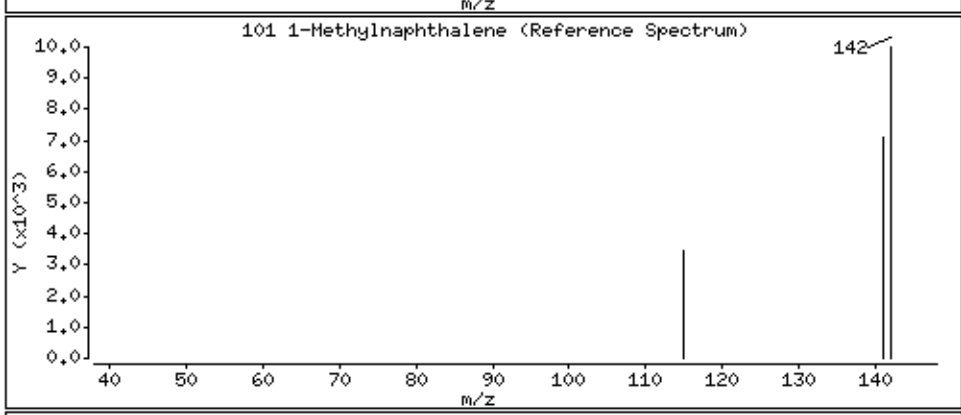
Column diameter: 0.18

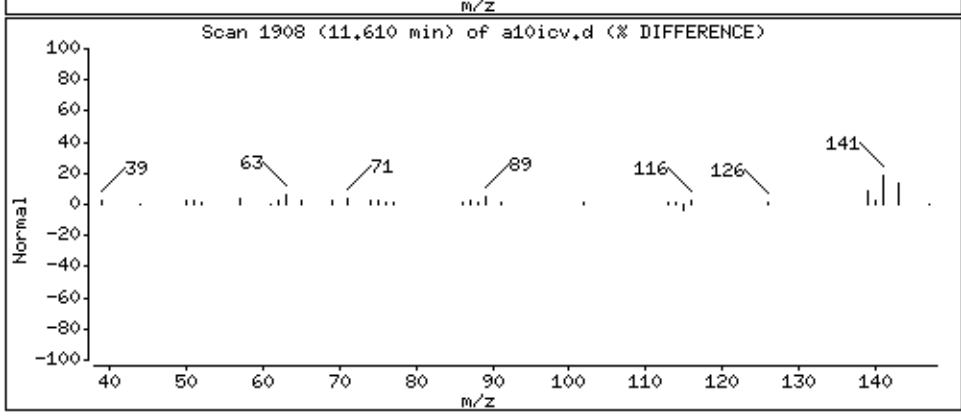
101 1-Methylnaphthalene

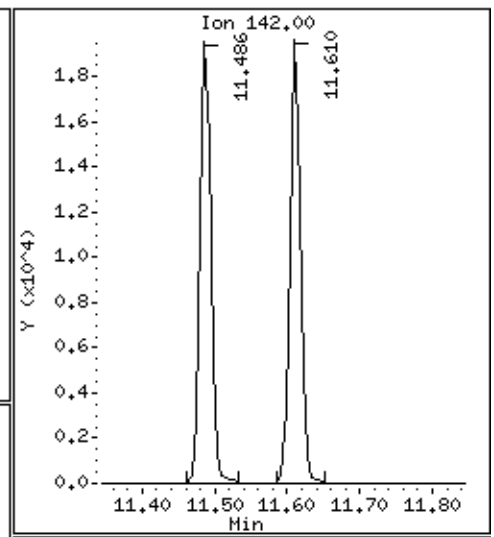
Concentration: 41.9 ppb

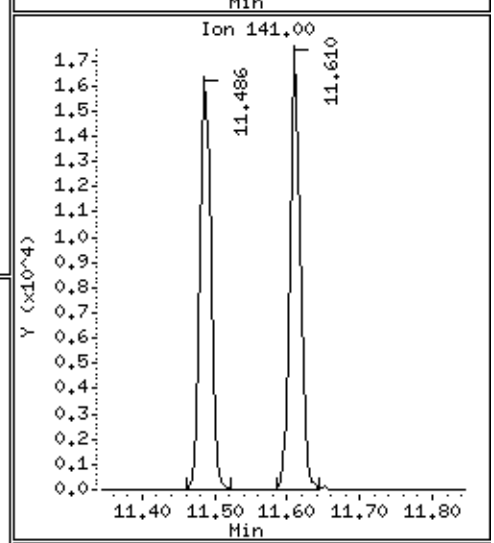


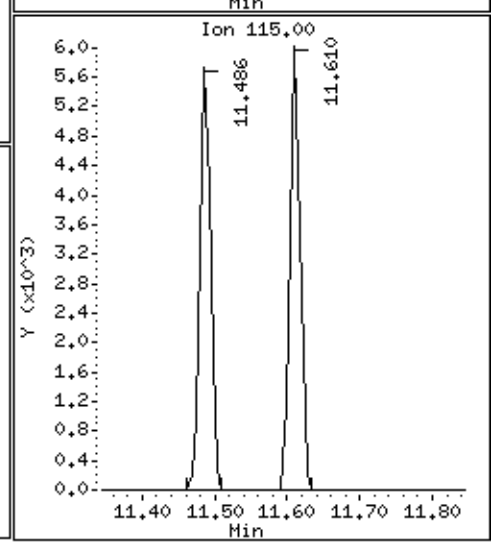






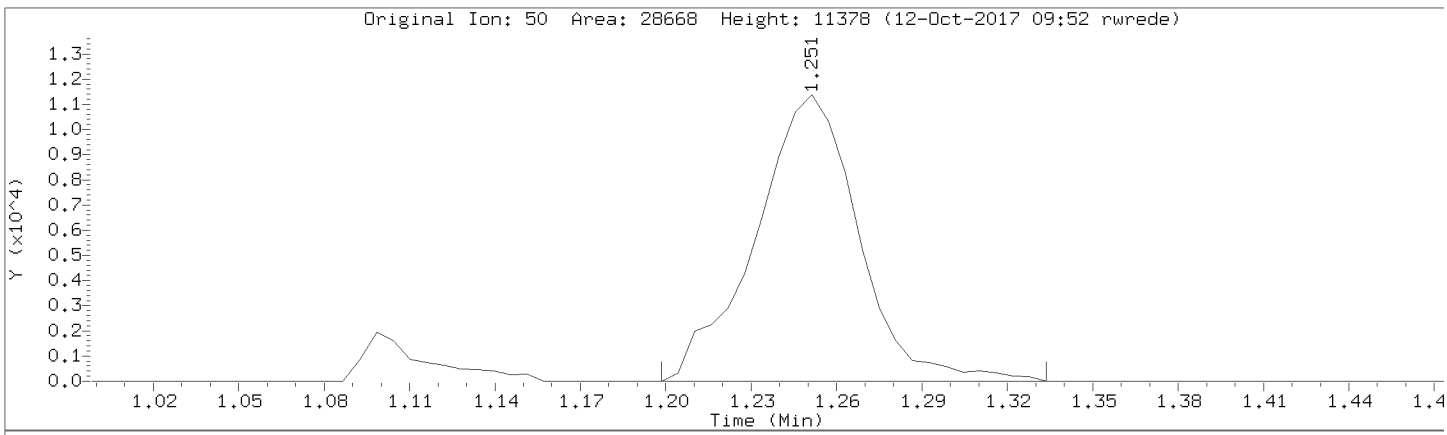


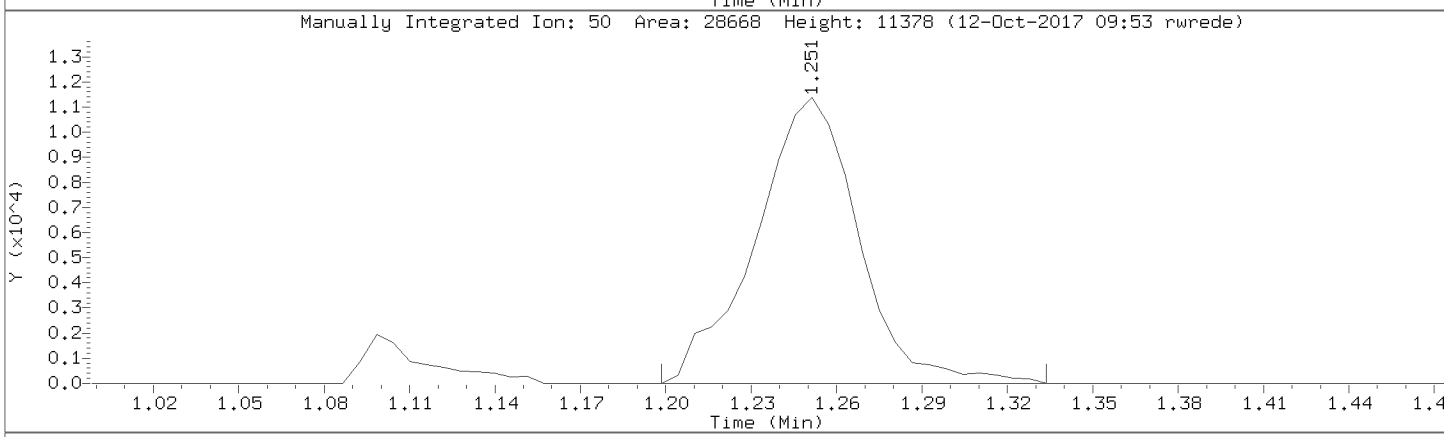


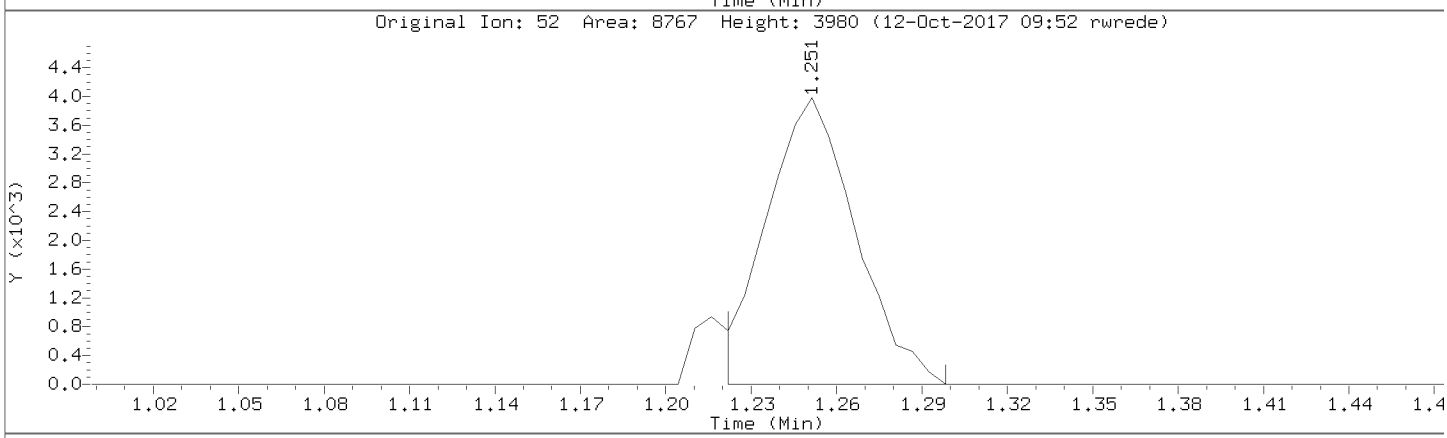


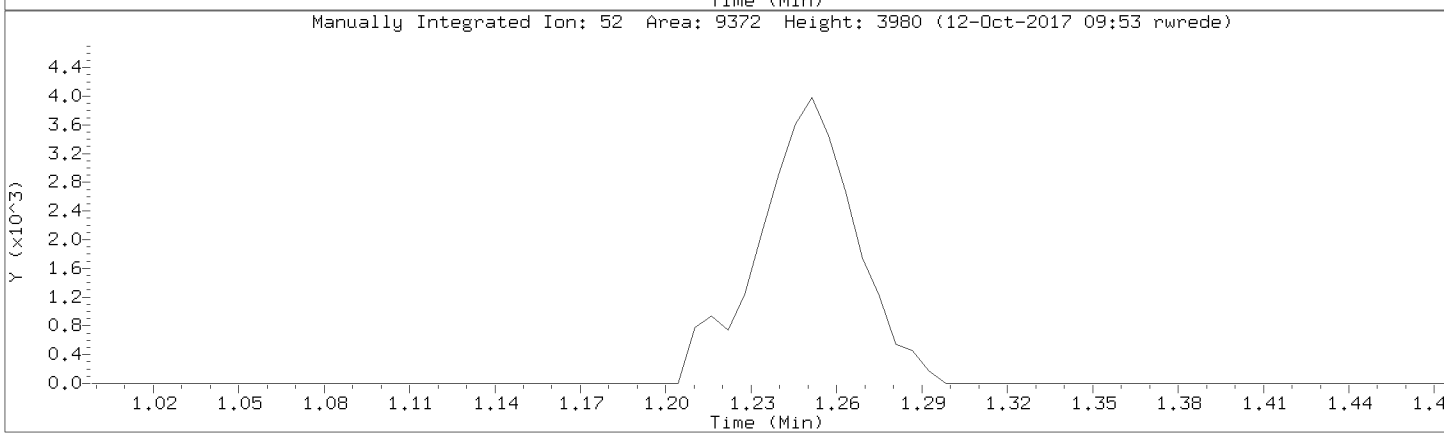
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV

Compound: Chloromethane Review Code: LT
CAS Number: 74-87-3



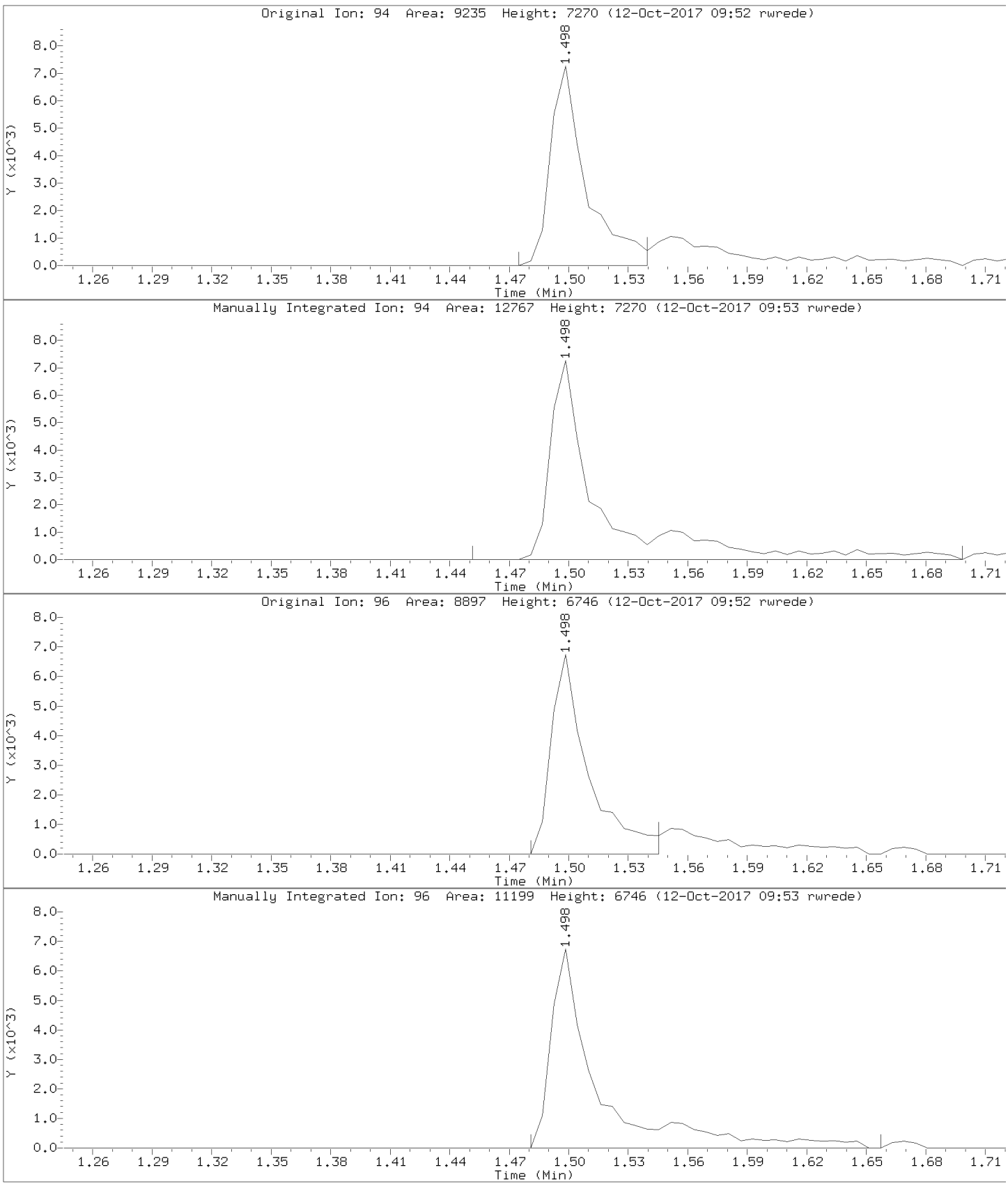






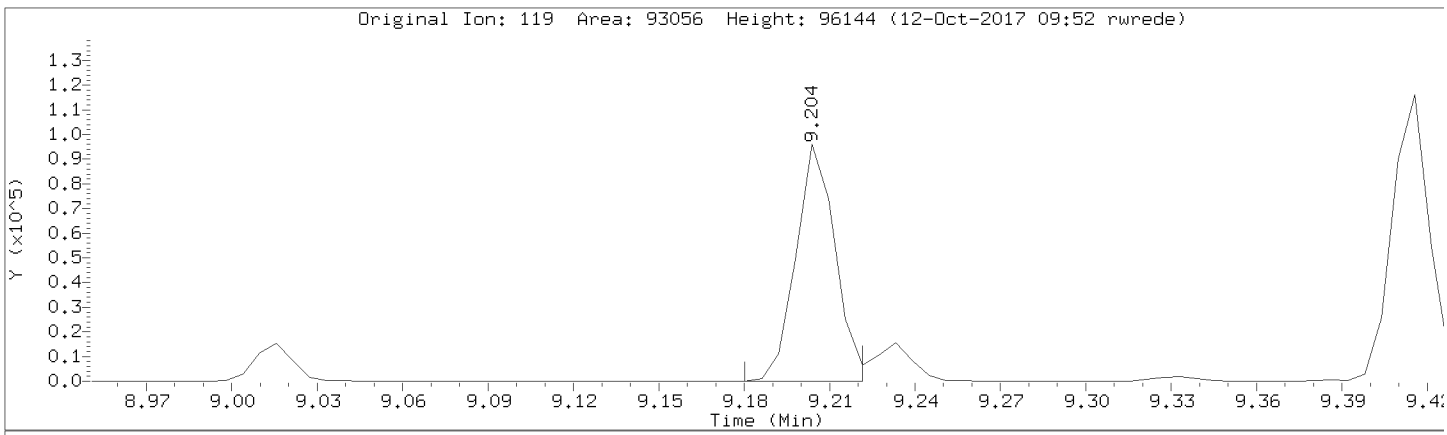
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV

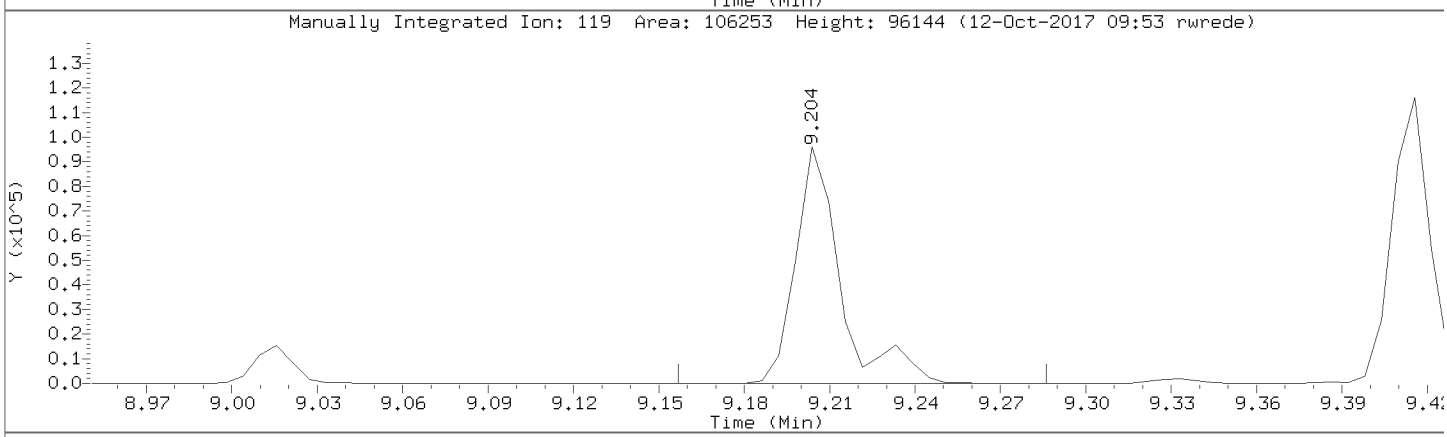
Compound: Bromomethane Review Code: LT
CAS Number: 74-83-9

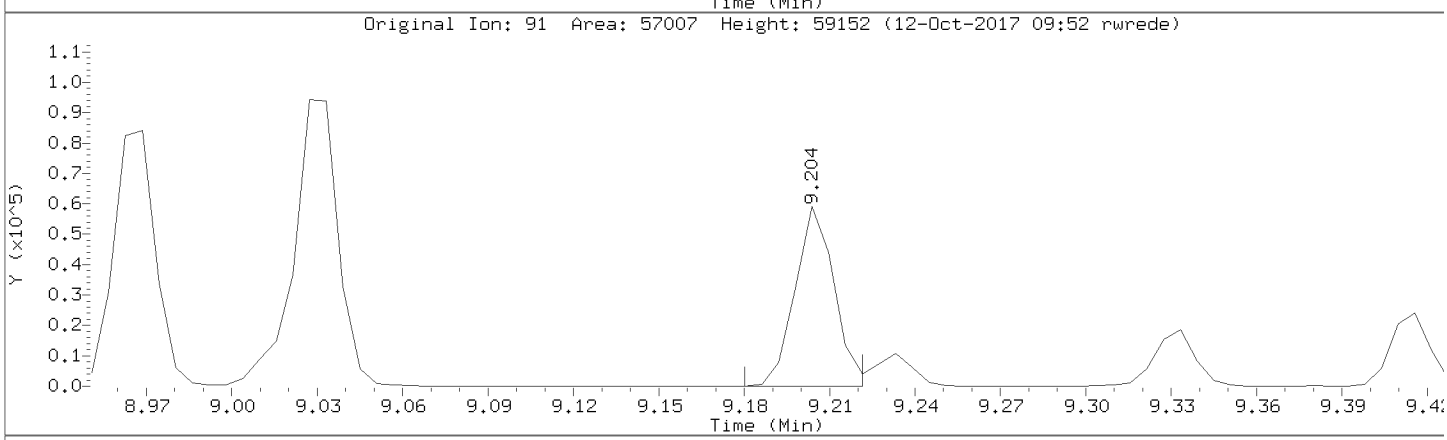


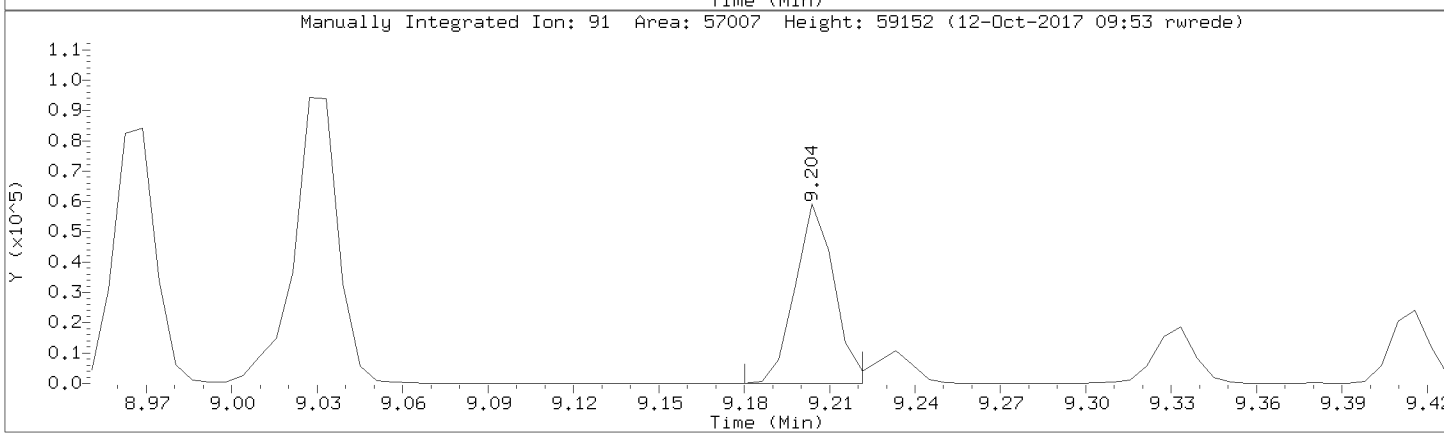
Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV

Compound: tert-Butylbenzene Review Code: LT
CAS Number: 98-06-6

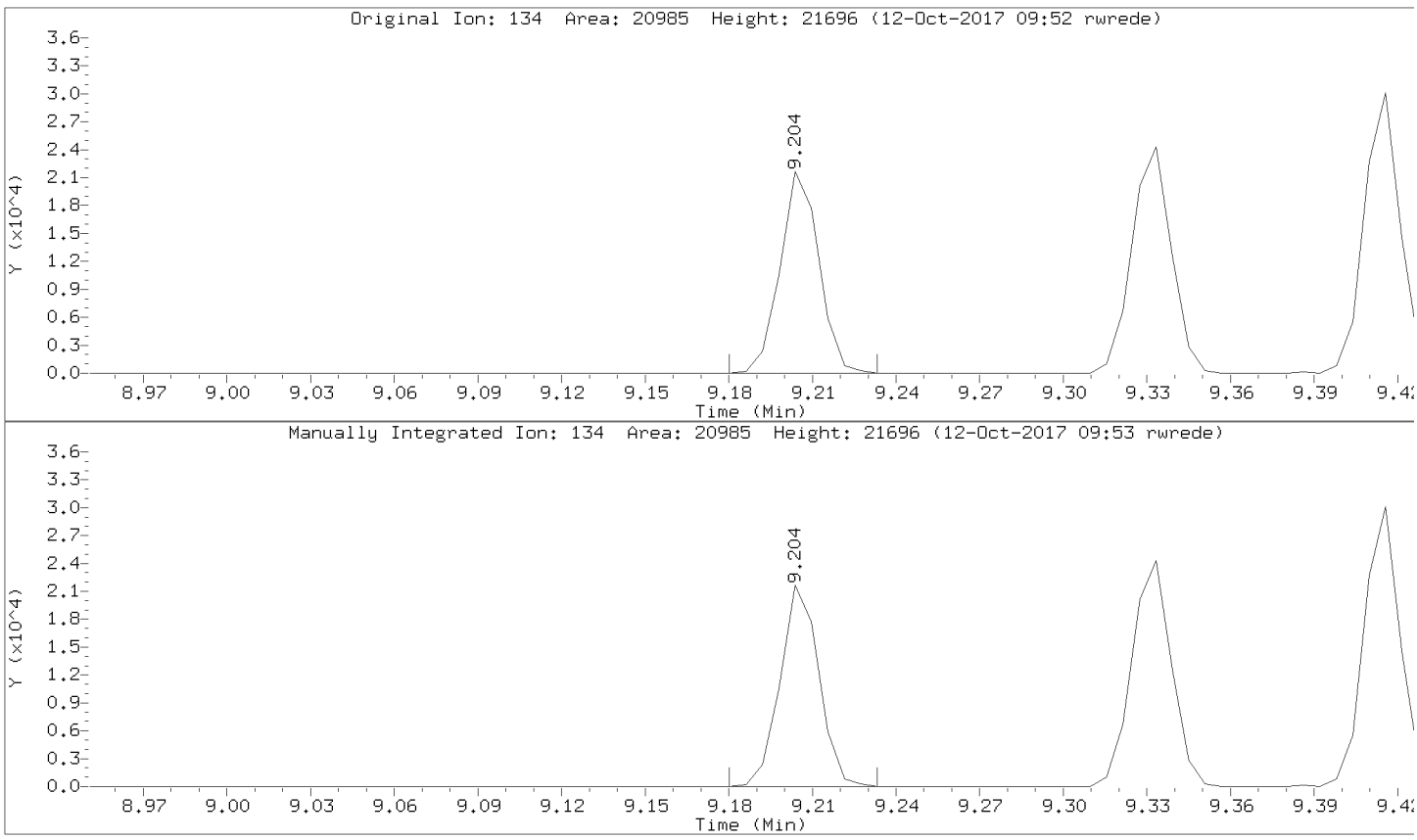






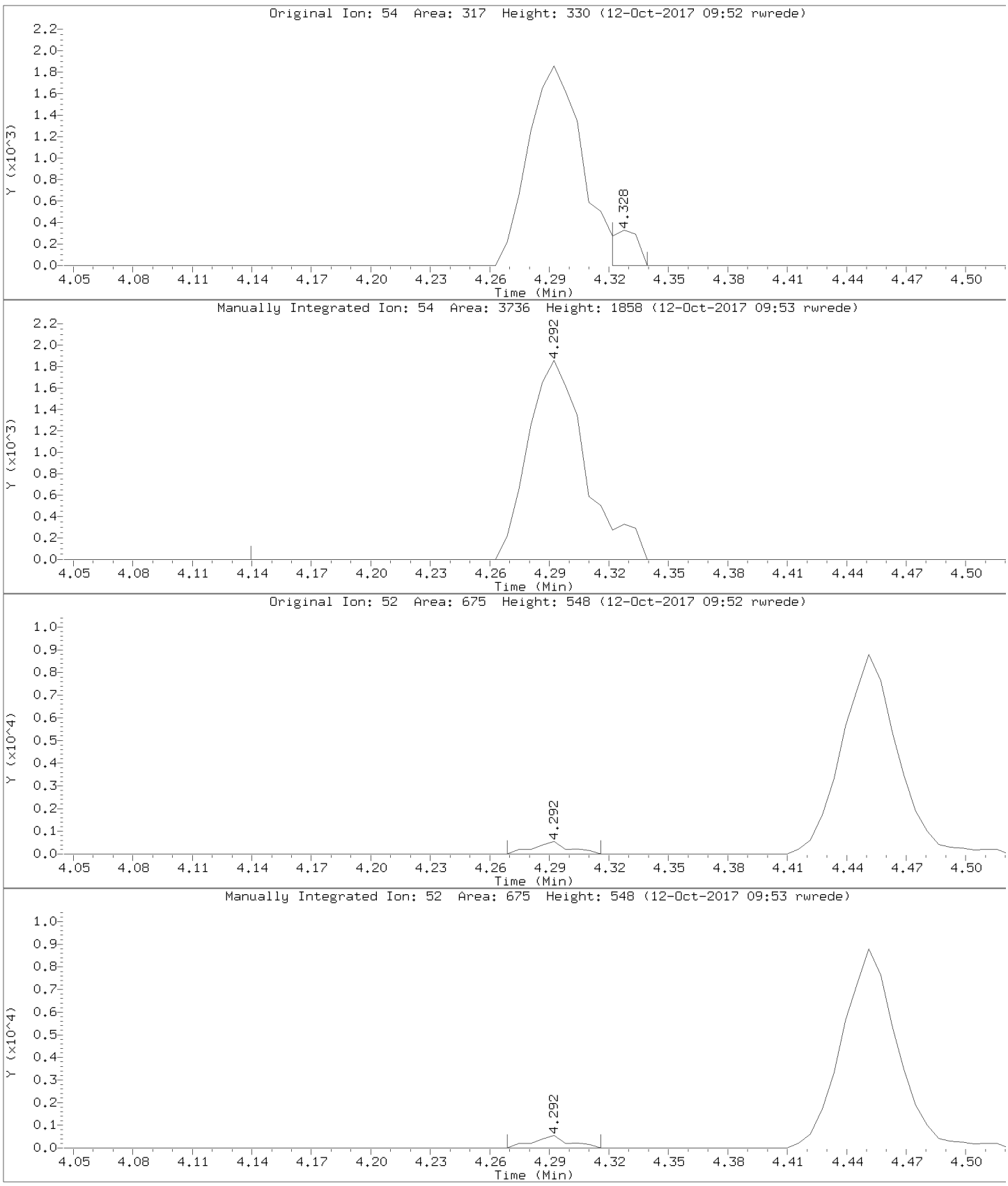


Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV

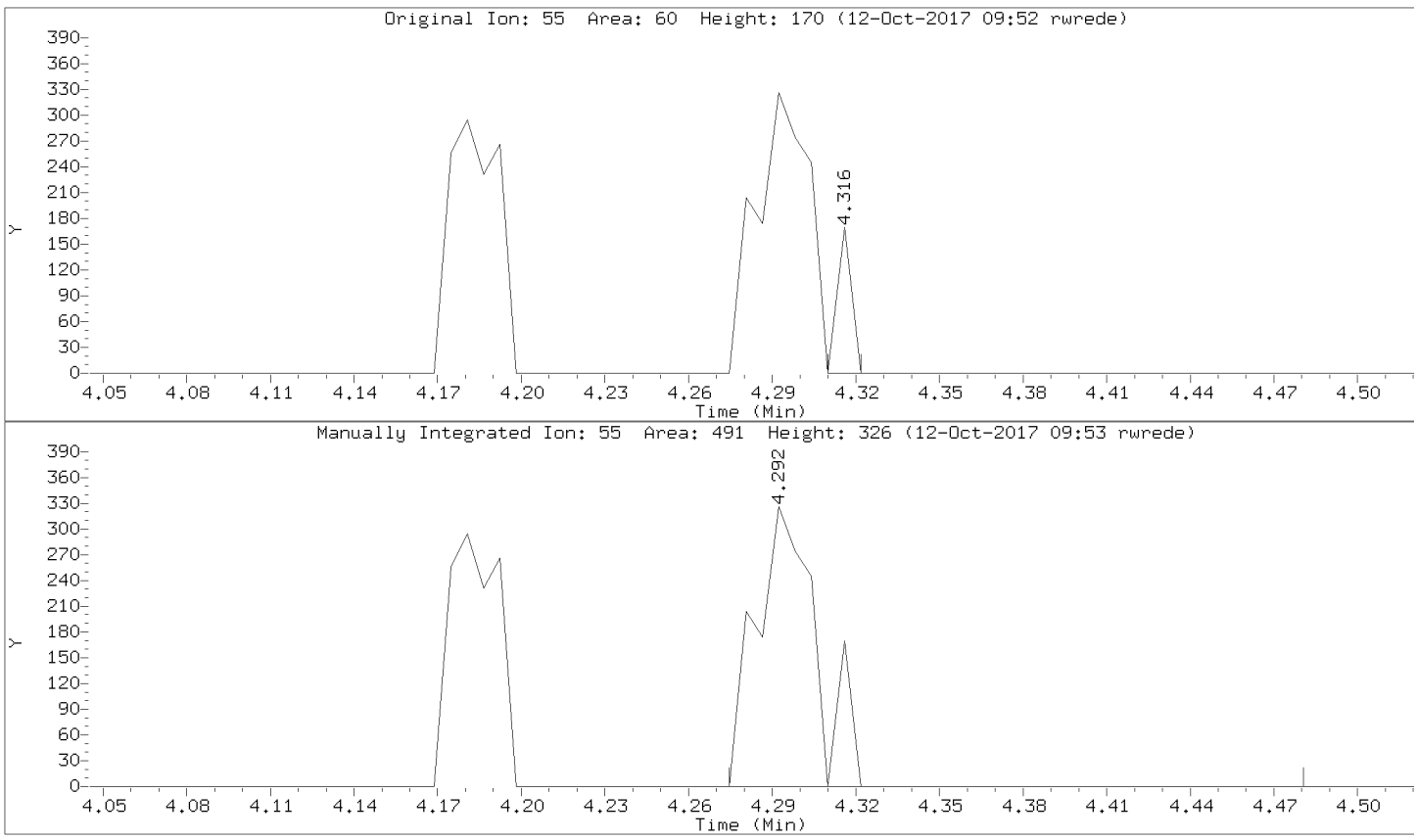


Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV

Compound: Propionitrile Review Code: LT
CAS Number: 107-12-0



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b/a10icv.d
Injection Date: 11-OCT-2017 23:13
Instrument: 50mv4a.i
Lab Sample ID: 8260-ICV



Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101817.b\a01ccv.d
Lab Smp Id: 8260-CCV,160253:0 Client Smp ID: 8260-CCV,160253:0
Inj Date : 18-OCT-2017 11:51
Operator : cap Inst ID: 50mv4a.i
Smp Info : 8260-ccv,160253:0
Misc Info : 107512
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101817.b\-a8260_a_c.m
Meth Date : 19-Oct-2017 10:59 50mv4a.i Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	AMOUNTS ON-COL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.202)	19026	50.0000	34.8	
3 Chloromethane	50	1.245	1.251	(0.228)	24506	50.0000	47.3	
4 Vinyl Chloride	62	1.286	1.286	(0.236)	25560	50.0000	46.9	
5 Bromomethane	94	1.498	1.498	(0.275)	8544	50.0000	45.5	
6 Chloroethane	64	1.569	1.563	(0.288)	13710	50.0000	68.8	
8 Trichlorofluoromethane	101	1.739	1.739	(0.319)	33366	50.0000	46.4	
9 Diethyl ether	74	1.969	1.963	(0.361)	10446	50.0000	54.2	
10 1,2-dichlorotrifluoroethane	67	1.980	1.980	(0.363)	25242	50.0000	55.4	
11 Acrolein	56	2.086	2.086	(0.383)	79938	1000.00	947	
12 1,1,2trichlorotrifluoroethane	101	2.133	2.127	(0.391)	23050	50.0000	51.6	
13 1,1-Dichloroethene	96	2.133	2.133	(0.391)	18801	50.0000	48.0	
14 Acetone	43	2.221	2.216	(0.408)	28516	250.000	223	
15 Iodomethane	142	2.269	2.263	(0.416)	51268	100.000	111	
16 Carbon Disulfide	76	2.310	2.304	(0.424)	57038	50.0000	50.6	
17 Acetonitrile	39	2.457	2.451	(0.451)	38851	50.0000	59.4	
18 allyl chloride	41	2.457	2.451	(0.451)	52612	100.000	114	
19 Methyl Acetate	43	2.498	2.498	(0.458)	16636	50.0000	36.0	
20 Methylene Chloride	84	2.580	2.580	(0.473)	21499	50.0000	47.4	
21 tert-Butyl Alcohol	59	2.763	2.763	(0.507)	1692	100.000	57.9	
151 Ethyl acetate	88	4.280	4.268	(0.785)	6503	400.000	333	
23 1,2-Dichloroethene (trans)	96	2.839	2.827	(0.521)	21807	50.0000	53.5	
24 Methyl-tert-butyl ether	73	2.851	2.851	(0.523)	33261	50.0000	43.2	
22 Acrylonitrile	53	2.868	2.863	(0.526)	32216	200.000	195	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
	25 n-Hexane	57	3.116	3.110	(0.572)	33263	50.0000	55.0	
	26 1,1-Dichloroethane	63	3.327	3.315	(0.610)	41142	50.0000	54.1	
	28 chloroprene	53	3.421	3.415	(0.628)	37024	50.0000	56.5	
	27 Vinyl Acetate	43	3.433	3.421	(0.630)	180143	200.000	210	
	7 isopropyl acetate	61	5.310	5.309	(0.974)	36744	200.000	206	
	29 2,2-Dichloropropane	77	4.080	4.074	(0.749)	24331	50.0000	51.0	
	30 1,2-Dichloroethene (cis)	96	4.110	4.098	(0.754)	26027	50.0000	52.7	
	31 2-Butanone	43	4.192	4.186	(0.769)	43816	250.000	247	
	32 Propionitrile	54	4.304	4.292	(0.790)	4151	50.0000	50.3(Q)	
	33 Bromochloromethane	49	4.415	4.415	(0.810)	18075	50.0000	53.4	
	34 Methacrylonitrile	41	4.463	4.457	(0.819)	16457	50.0000	49.3	
	35 Tetrahydrofuran	42	4.480	4.474	(0.822)	5983	50.0000	45.0	
	36 Chloroform	83	4.539	4.533	(0.833)	41844	50.0000	51.3	
	37 1,1,1-Trichloroethane	97	4.698	4.692	(0.862)	36766	50.0000	53.7	
$	38 Dibromofluoromethane (S)	113	4.733	4.727	(0.868)	25549	50.0000	49.3	
	39 Cyclohexane	56	4.727	4.721	(0.867)	37017	50.0000	57.1	
	40 n-Butyl chloride	56	4.845	4.839	(0.889)	47037	50.0000	57.5	
	41 Carbon Tetrachloride	117	4.874	4.868	(0.894)	35323	50.0000	52.0	
	42 1,1-Dichloropropene	75	4.892	4.886	(0.897)	30350	50.0000	53.0	
	43 Benzene	78	5.133	5.127	(0.942)	86716	50.0000	52.1	
	44 1,2-Dichloroethane	62	5.186	5.186	(0.951)	34365	50.0000	51.0	
	45 2,2,4-Trimethylpentane	57	5.215	5.209	(0.957)	64624	50.0000	56.9	
	46 Isobutyl alcohol	43	5.210	5.204	(0.956)	10391	50.0000		
*	47 Fluorobenzene	96	5.451	5.451	(1.000)	87322	50.0000		
	48 Trichloroethene	95	5.821	5.821	(1.068)	24716	50.0000	52.0	
	49 Methylcyclohexane	55	5.980	5.980	(1.097)	31628	50.0000	54.0	
	50 1,2-Dichloropropane	63	6.062	6.062	(1.112)	25011	50.0000	56.7	
	51 Dibromomethane	93	6.180	6.180	(1.134)	15004	50.0000	51.1	
	52 1,4-Dioxane	88	6.233	6.227	(1.144)	5711	1000.00	1010	
	53 Methyl methacrylate	69	6.227	6.221	(1.142)	14914	50.0000	50.0	
	54 Bromodichloromethane	83	6.351	6.351	(1.165)	32213	50.0000	54.1	
	55 2-Chloroethyl vinyl ether	63	6.668	6.662	(0.830)	5707	100.000	59.3	
	56 cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	36820	50.0000	57.5	
	57 4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	96940	250.000	262	
$	58 Toluene-d8	98	6.998	6.992	(0.870)	92405	50.0000	51.4	
	59 Toluene	91	7.051	7.050	(0.877)	101229	50.0000	54.9	
	60 trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	32653	50.0000	57.0	
	61 Ethyl Methacrylate	69	7.345	7.345	(0.914)	28244	50.0000	52.7	
	62 1,1,2-Trichloroethane	83	7.398	7.398	(0.920)	18386	50.0000	56.3	
	63 Tetrachloroethene	166	7.462	7.462	(0.928)	28769	50.0000	52.6	
	64 1,3-Dichloropropane	76	7.515	7.515	(0.935)	33163	50.0000	52.1	
	65 2-Hexanone	43	7.592	7.592	(0.944)	68835	250.000	271	
	66 Dibromochloromethane	129	7.668	7.668	(0.954)	29760	50.0000	55.2	
	67 1,2-Dibromoethane	107	7.739	7.739	(0.963)	23243	50.0000	53.6	
*	68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	70787	50.0000		
	69 Chlorobenzene	112	8.056	8.062	(1.002)	72028	50.0000	52.9	
	2 n-amyl acetate	70	8.580	8.580	(1.574)	62194	200.000	220	
	70 1,1,1,2-Tetrachloroethane	131	8.121	8.121	(1.010)	28398	50.0000	55.6	
	71 Ethylbenzene	106	8.133	8.133	(1.012)	37413	50.0000	56.3	
	72 m&p-Xylene	106	8.203	8.203	(1.020)	94407	100.000	112	
	73 o-Xylene	106	8.450	8.450	(1.051)	44771	50.0000	53.0	
	74 Styrene	104	8.462	8.462	(1.053)	78144	50.0000	58.0	
	75 Bromoform	173	8.580	8.586	(0.909)	18849	50.0000	55.3	
	76 Isopropylbenzene	105	8.668	8.674	(1.078)	122465	50.0000	56.4	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppb)	ON-COL (ppb)	REVIEW C
$	77 4-Bromofluorobenzene	95	8.768	8.768	(1.091)	35622	50.0000	50.5	
	78 Bromobenzene	77	8.850	8.856	(1.101)	41602	50.0000	54.4	
	79 1,1,2,2-Tetrachloroethane	83	8.868	8.868	(0.940)	29854	50.0000	52.6	
	80 1,2,3-Trichloropropane	110	8.892	8.892	(0.942)	9251	50.0000	53.6(Q)	
	81 trans-1,4-Dichloro-2-butene	53	8.898	8.903	(1.107)	8290	50.0000	57.3(Q)	
	82 n-Propylbenzene	91	8.915	8.915	(0.945)	138623	50.0000	57.3	
	83 2-Chlorotoluene	91	8.962	8.968	(0.950)	84098	50.0000	58.0	
	84 1,3,5-Trimethylbenzene	105	9.015	9.015	(0.955)	103118	50.0000	60.0	
	85 4-Chlorotoluene	126	9.027	9.033	(0.956)	32428	50.0000	56.0	
	86 tert-Butylbenzene	119	9.203	9.209	(0.975)	112581	50.0000	57.9(M)	LT
	87 1,2,4-Trimethylbenzene	105	9.227	9.233	(0.978)	100153	50.0000	56.3	
	88 sec-Butylbenzene	105	9.327	9.333	(0.988)	121267	50.0000	60.0	
	89 1,3-Dichlorobenzene	146	9.397	9.403	(0.996)	60210	50.0000	57.4	
	90 p-Isopropyltoluene	119	9.409	9.415	(0.997)	104073	50.0000	58.1	
*	91 1,4-Dichlorobenzene-d4	152	9.439	9.444	(1.000)	38230	50.0000		
	92 1,4-Dichlorobenzene	146	9.450	9.456	(1.001)	60551	50.0000	54.4	
	93 n-Butylbenzene	91	9.645	9.656	(1.022)	82418	50.0000	59.5	
	94 1,2-Dichlorobenzene	146	9.668	9.680	(1.024)	54278	50.0000	51.7	
	95 1,2-Dibromo-3-chloropropane	155	10.127	10.144	(1.073)	5102	50.0000	42.4	
	96 1,2,4-Trichlorobenzene	180	10.609	10.627	(1.124)	26824	50.0000	46.2	
	97 Hexachlorobutadiene	225	10.697	10.715	(1.133)	12004	50.0000	52.8	
	98 Naphthalene	128	10.768	10.786	(1.141)	74157	50.0000	41.4	
	99 1,2,3-Trichlorobenzene	180	10.909	10.927	(1.156)	24565	50.0000	52.5	
	100 2,methyl-naphthalene	142	11.468	11.491	(1.215)	18241	50.0000	39.3	
	101 1-Methylnaphthalene	142	11.597	11.615	(2.128)	16961	50.0000	36.4	

QC Flag Legend

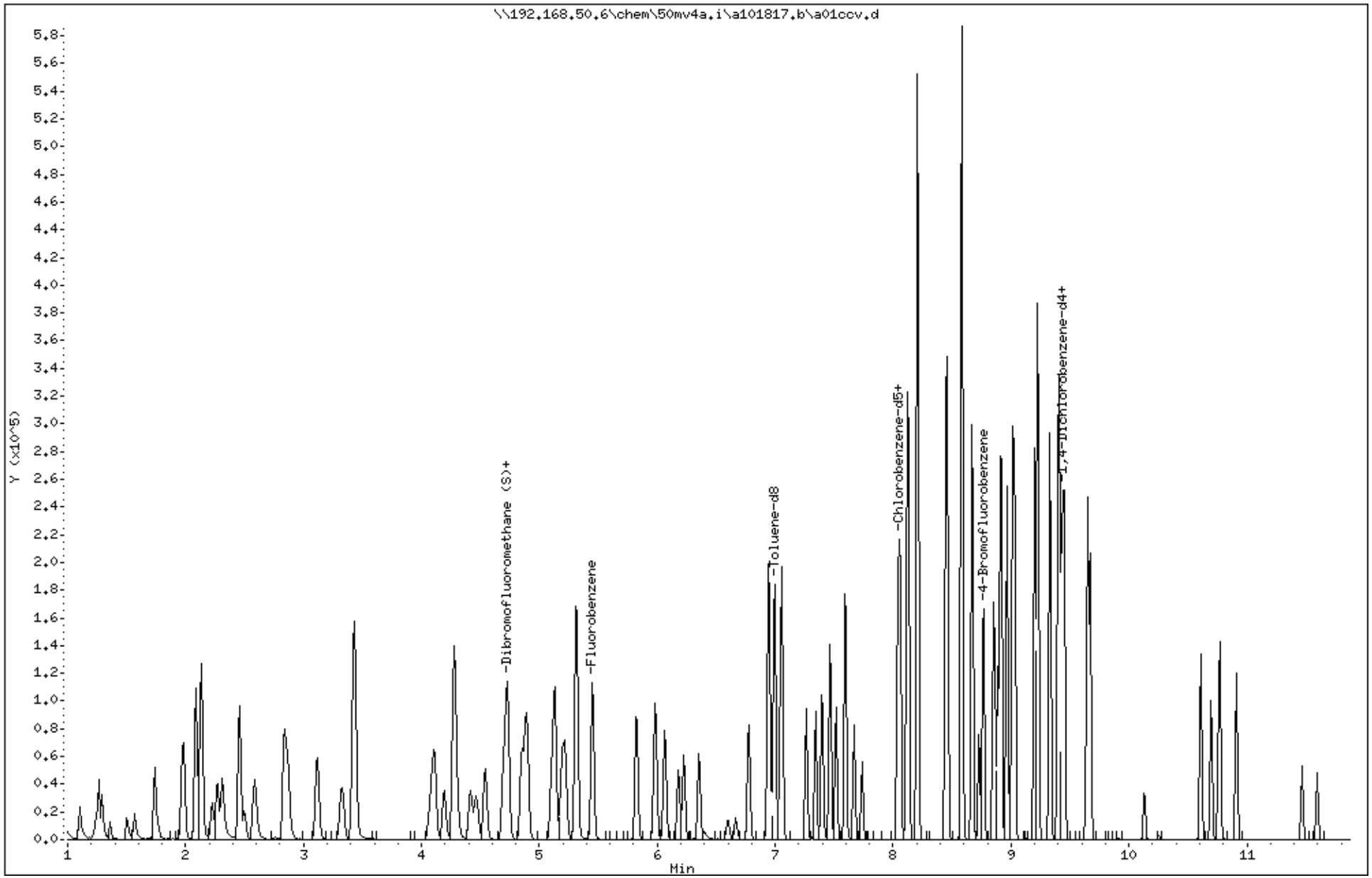
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Review Codes Legend

:
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

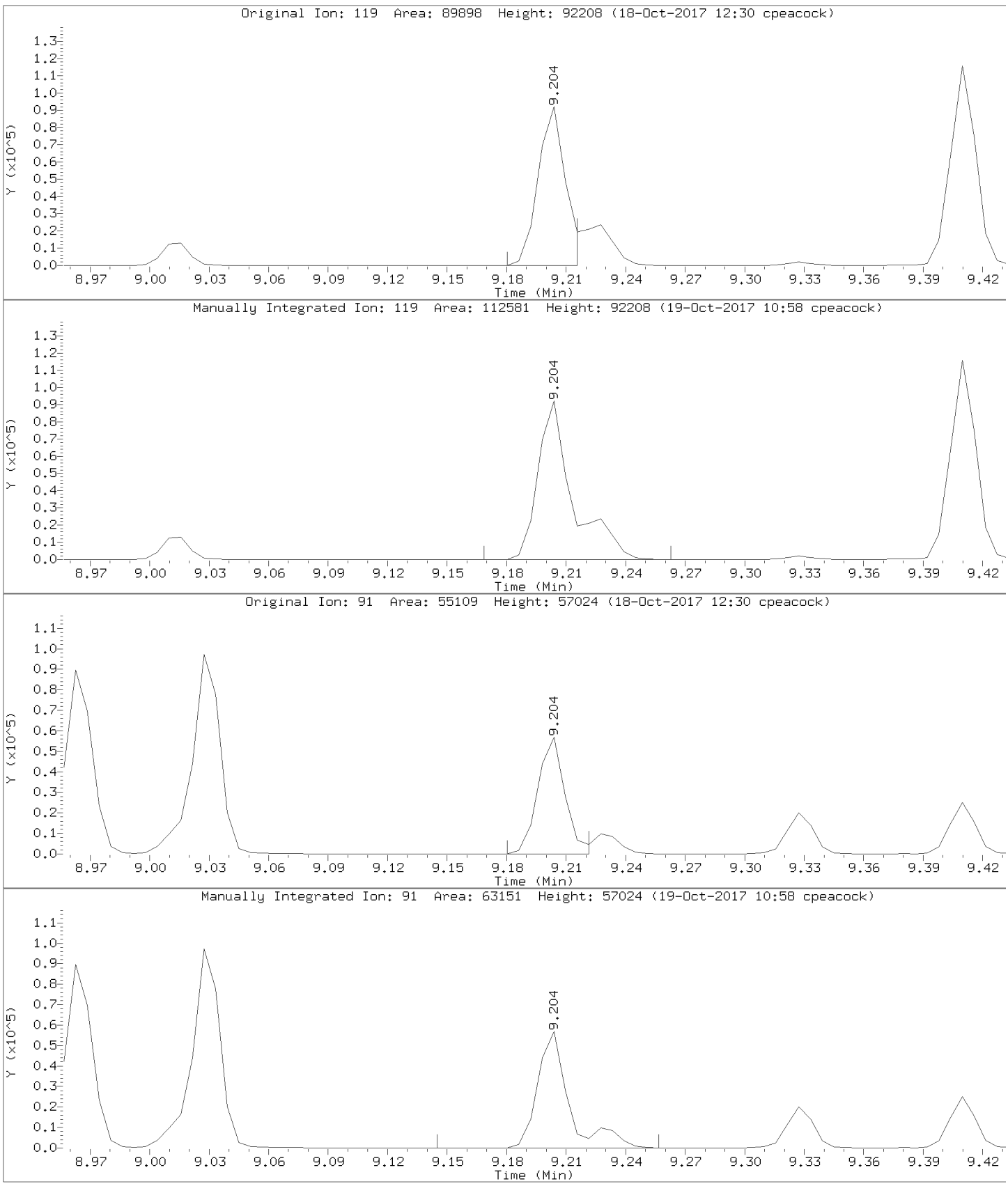
Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a01ccv.d
Date : 18-OCT-2017 11:51
Client ID: 8260-CCV,160253:0
Sample Info: 8260-CCV,160253:0
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv4a.i
Operator: cap
Column diameter: 0.18

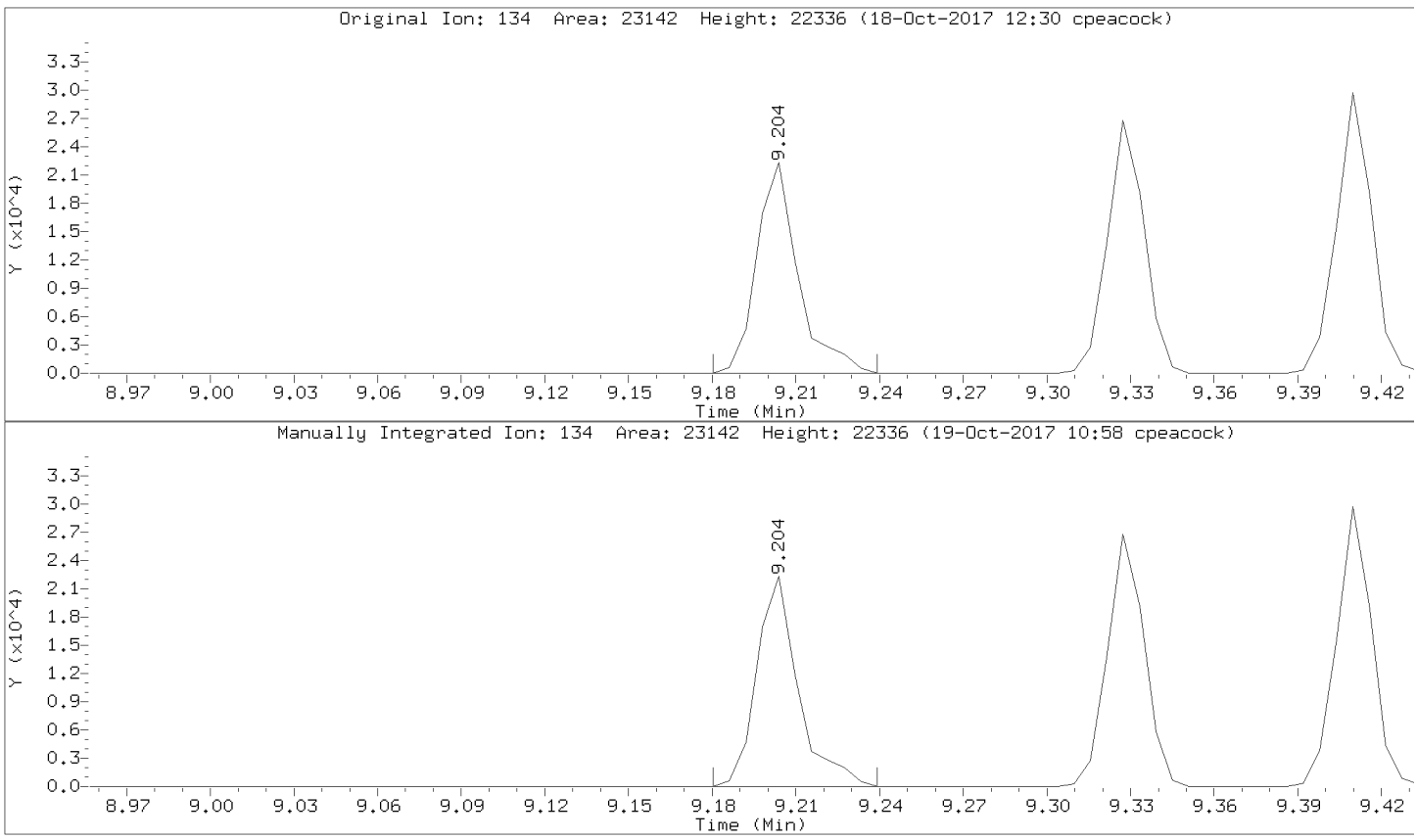


Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a01ccv.d
Injection Date: 18-OCT-2017 11:51
Instrument: 50mv4a.i
Lab Sample ID: 8260-CCV,160253:0

Compound: tert-Butylbenzene Review Code: LT
CAS Number: 98-06-6



Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a01ccv.d
Injection Date: 18-OCT-2017 11:51
Instrument: 50mv4a.i
Lab Sample ID: 8260-CCV,160253:0



Data File: \\192.168.50.6\chem\50mv4a.i\a101117cal.b\a00bfb.d

Page 1

Date : 11-OCT-2017 17:26

Client ID: 8260-TUNE

Instrument: 50mv4a.i

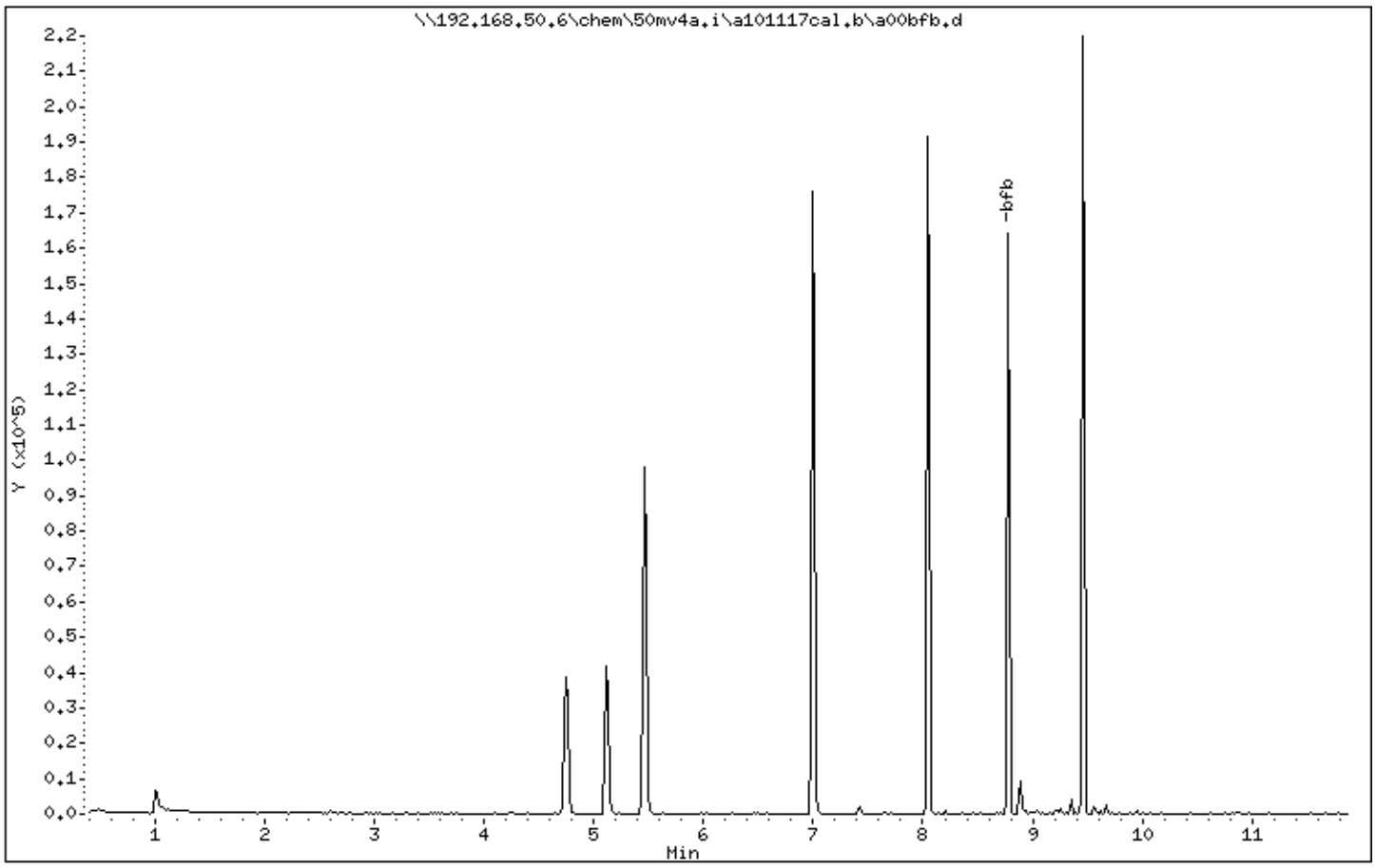
Sample Info: 8260-TUNE,158548:0

Volume Injected (uL): 1.0

Operator: rsw

Column phase:

Column diameter: 2.00



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Date : 11-OCT-2017 17:26

Client ID: 8260-TUNE

Instrument: 50mv4a.i

Sample Info: 8260-TUNE,158548:0

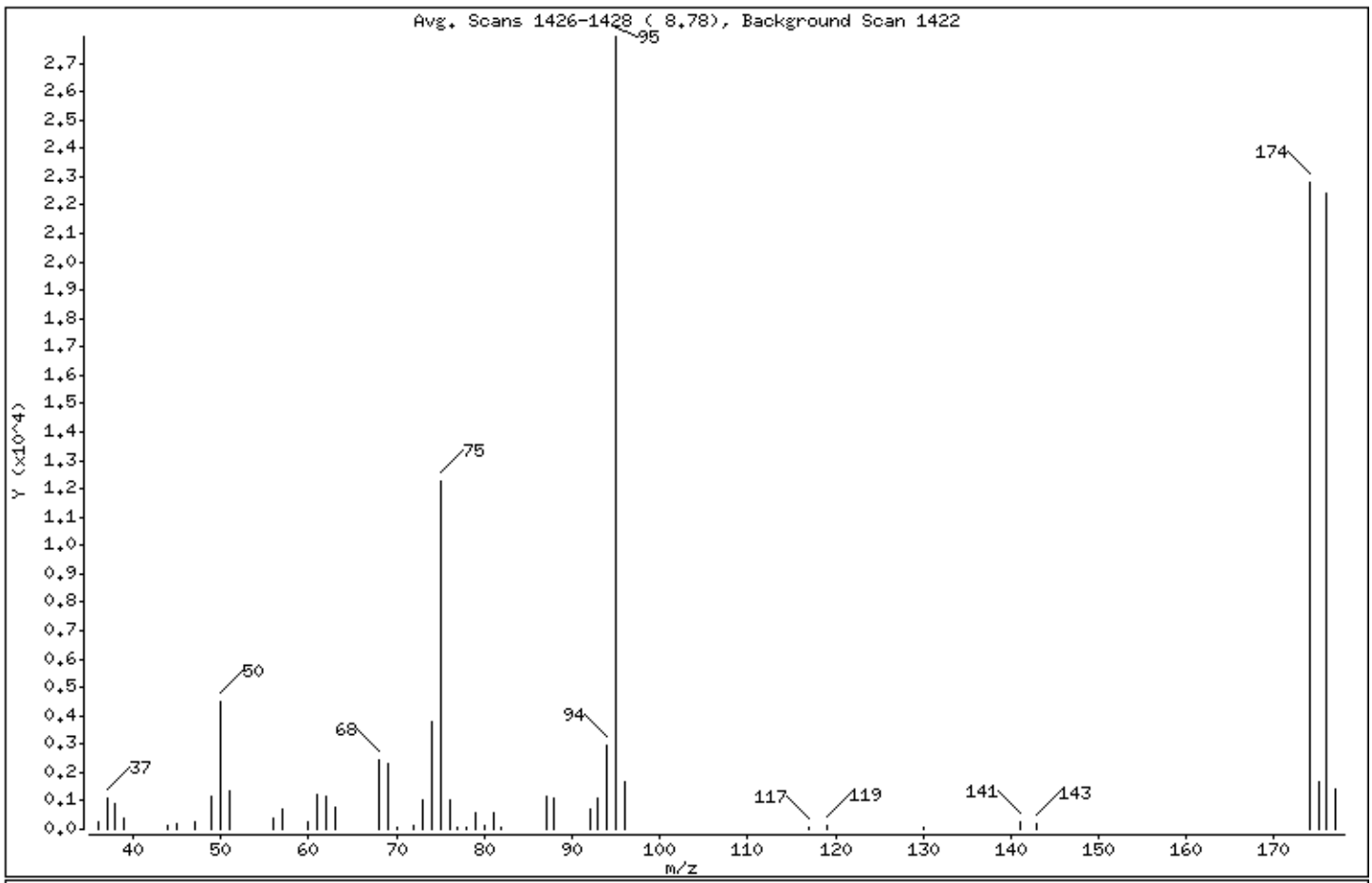
Volume Injected (uL): 1.0

Operator: rsw

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.18
75	30.00 - 60.00% of mass 95	43.80
96	5.00 - 9.00% of mass 95	5.91
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	81.64
175	5.00 - 9.00% of mass 174	5.96 (7.30)
176	95.00 - 101.00% of mass 174	80.33 (98.39)
177	5.00 - 9.00% of mass 176	5.00 (6.23)

Date : 11-OCT-2017 17:26

Client ID: 8260-TUNE Instrument: 50mv4a.i

Sample Info: 8260-TUNE,158548:0

Volume Injected (uL): 1.0 Operator: rsw

Column phase: Column diameter: 2.00

Data File: a00bfb.d
Spectrum: Avg. Scans 1426-1428 (8.78), Background Scan 1422
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	279	60.00	278	77.00	77	96.00	1652
37.00	1117	61.00	1189	78.00	50	117.00	77
38.00	929	62.00	1131	79.00	594	119.00	115
39.00	406	63.00	757	80.00	156	130.00	66
44.00	144	68.00	2453	81.00	604	141.00	253
45.00	170	69.00	2304	82.00	52	143.00	188
47.00	274	70.00	51	87.00	1167	174.00	22808
49.00	1125	72.00	118	88.00	1114	175.00	1666
50.00	4519	73.00	1003	92.00	730	176.00	22440
51.00	1371	74.00	3763	93.00	1109	177.00	1397
56.00	388	75.00	12237	94.00	2947		
57.00	689	76.00	1001	95.00	27936		

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a00bfb.d

Date : 18-OCT-2017 11:17

Client ID: 8260-TUNE,158548:0

Instrument: 50mv4a.i

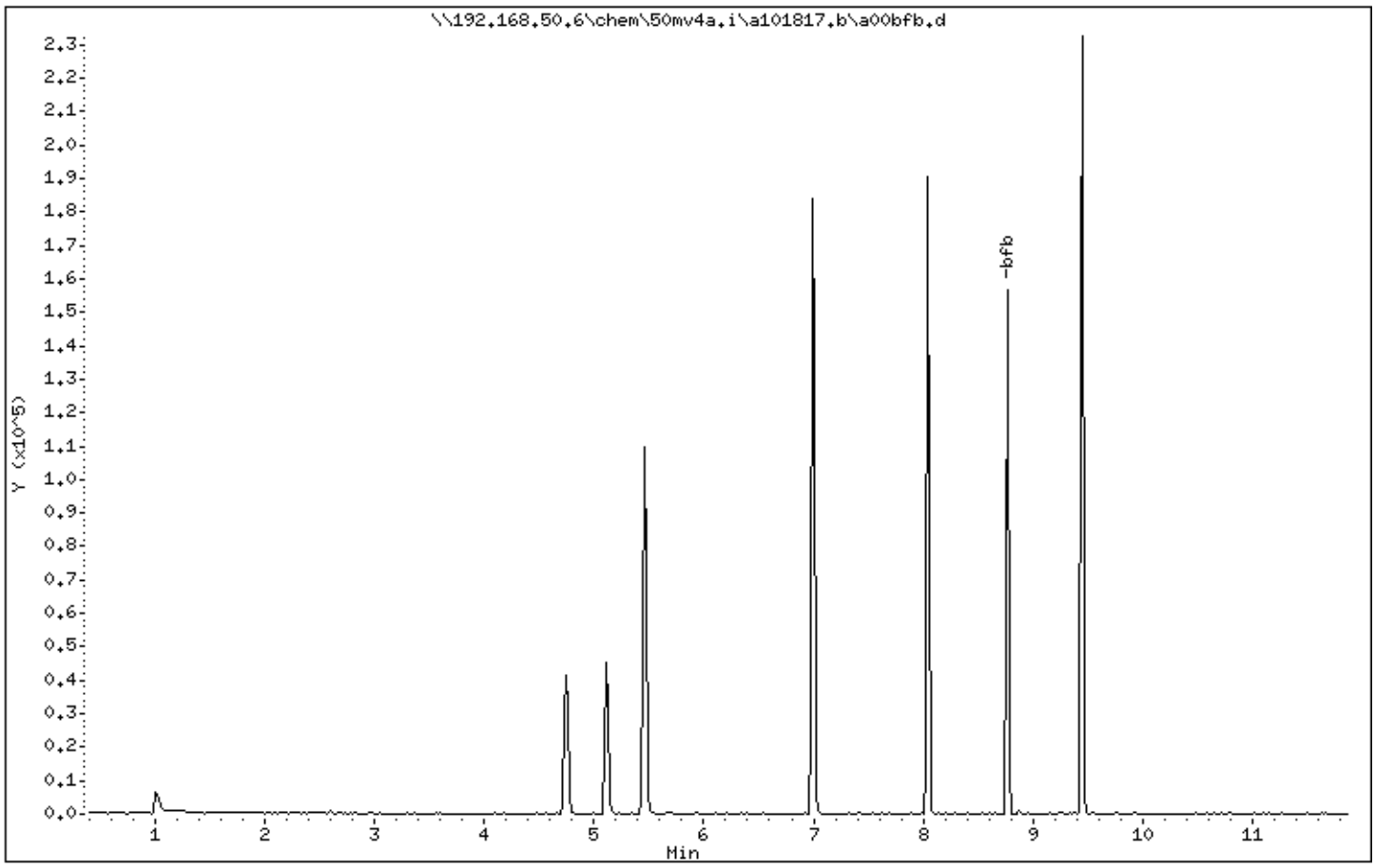
Sample Info: 8260-TUNE,158548:0

Volume Injected (uL): 1.0

Operator: cap

Column phase:

Column diameter: 2.00



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Date : 18-OCT-2017 11:17

Client ID: 8260-TUNE,158548:0

Instrument: 50mv4a.i

Sample Info: 8260-TUNE,158548:0

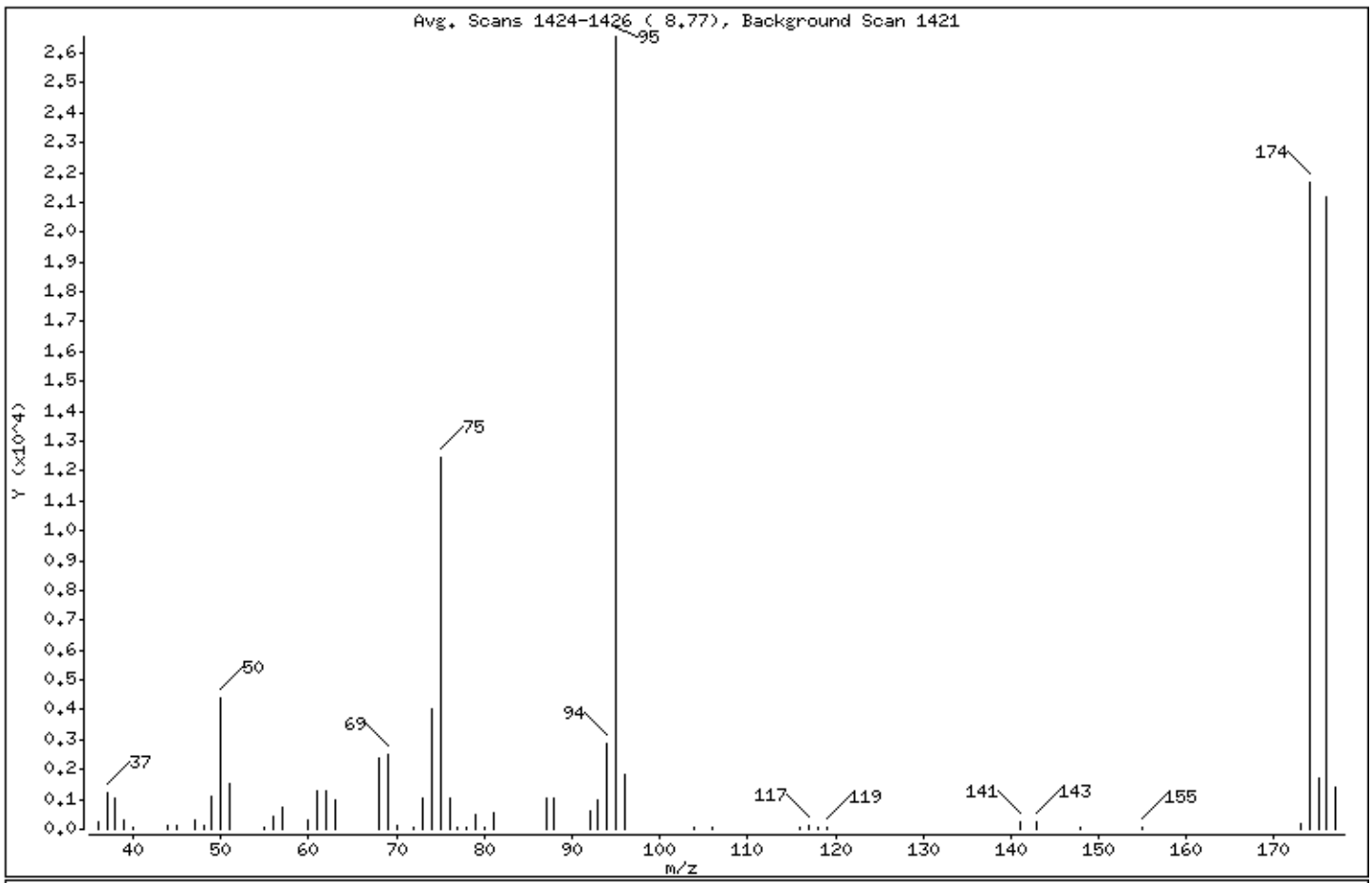
Volume Injected (uL): 1.0

Operator: cap

Column phase:

Column diameter: 2.00

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.44
75	30.00 - 60.00% of mass 95	46.93
96	5.00 - 9.00% of mass 95	6.89
173	Less than 2.00% of mass 174	0.66 (0.80)
174	50.00 - 100.00% of mass 95	81.56
175	5.00 - 9.00% of mass 174	6.53 (8.01)
176	95.00 - 101.00% of mass 174	79.69 (97.71)
177	5.00 - 9.00% of mass 176	5.33 (6.69)

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a00bfb.d

Date : 18-OCT-2017 11:17

Client ID: 8260-TUNE,158548:0

Instrument: 50mv4a.i

Sample Info: 8260-TUNE,158548:0

Volume Injected (uL): 1.0

Operator: cap

Column phase:

Column diameter: 2.00

Data File: a00bfb.d
Spectrum: Avg. Scans 1424-1426 (8.77), Background Scan 1421
Location of Maximum: 95.00
Number of points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	214	57.00	756	78.00	60	117.00	109
37.00	1216	60.00	320	79.00	501	118.00	52
38.00	1045	61.00	1285	80.00	77	119.00	52
39.00	279	62.00	1274	81.00	561	141.00	218
40.00	60	63.00	952	87.00	1055	143.00	221
44.00	131	68.00	2382	88.00	1037	148.00	51
45.00	139	69.00	2489	92.00	582	155.00	54
47.00	286	70.00	131	93.00	995	173.00	174
48.00	137	72.00	58	94.00	2863	174.00	21656
49.00	1118	73.00	1062	95.00	26552	175.00	1734
50.00	4366	74.00	4053	96.00	1830	176.00	21160
51.00	1498	75.00	12462	104.00	79	177.00	1415
55.00	56	76.00	1021	106.00	50		
56.00	407	77.00	58	116.00	50		

SAMPLE NO.

BLANK

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 13:01 Lab Sample ID: 1889977

Date Analyzed: 10/18/2017 13:01 Lab File ID: A101817.B\A03MB.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	ND	U
71-43-2	Benzene	ND	U
75-27-4	Bromodichloromethane	ND	U
75-25-2	Bromoform	ND	U
74-83-9	Bromomethane	ND	U
78-93-3	2-Butanone (MEK)	ND	U
75-15-0	Carbon disulfide	ND	U
56-23-5	Carbon tetrachloride	ND	U
108-90-7	Chlorobenzene	ND	U
75-00-3	Chloroethane	ND	U
67-66-3	Chloroform	ND	U
74-87-3	Chloromethane	ND	U
110-82-7	Cyclohexane	ND	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	U
124-48-1	Dibromochloromethane	ND	U
106-93-4	1,2-Dibromoethane (EDB)	ND	U
95-50-1	1,2-Dichlorobenzene	ND	U
541-73-1	1,3-Dichlorobenzene	ND	U
106-46-7	1,4-Dichlorobenzene	ND	U
75-71-8	Dichlorodifluoromethane	ND	U
75-34-3	1,1-Dichloroethane	ND	U
107-06-2	1,2-Dichloroethane	ND	U
75-35-4	1,1-Dichloroethene	ND	U
156-59-2	cis-1,2-Dichloroethene	ND	U
156-60-5	trans-1,2-Dichloroethene	ND	U
78-87-5	1,2-Dichloropropane	ND	U
10061-01-5	cis-1,3-Dichloropropene	ND	U
10061-02-6	trans-1,3-Dichloropropene	ND	U
100-41-4	Ethylbenzene	ND	U
591-78-6	2-Hexanone	ND	U
98-82-8	Isopropylbenzene (Cumene)	ND	U
79-20-9	Methyl acetate	ND	U
108-87-2	Methylcyclohexane	ND	U
75-09-2	Methylene Chloride	ND	U
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	U
1634-04-4	Methyl-tert-butyl ether	ND	U
100-42-5	Styrene	ND	U

SAMPLE NO.

BLANK

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 13:01 Lab Sample ID: 1889977

Date Analyzed: 10/18/2017 13:01 Lab File ID: A101817.B\A03MB.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	ND	U
127-18-4	Tetrachloroethene	ND	U
108-88-3	Toluene	ND	U
120-82-1	1,2,4-Trichlorobenzene	ND	U
71-55-6	1,1,1-Trichloroethane	ND	U
79-00-5	1,1,2-Trichloroethane	ND	U
79-01-6	Trichloroethene	ND	U
75-69-4	Trichlorofluoromethane	ND	U
76-13-1	1,1,2-Trichlorotrifluoroethane	ND	U
75-01-4	Vinyl chloride	ND	U
1330-20-7	Xylene (Total)	ND	U

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101817.b\a03mb.d
Lab Smp Id: 1889977 Client Smp ID: 1889977
Inj Date : 18-OCT-2017 13:01
Operator : cap Inst ID: 50mv4a.i
Smp Info : 1889977
Misc Info : 107706
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101817.b\-a8260_a_c.m
Meth Date : 19-Oct-2017 10:59 50mv4a.i Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

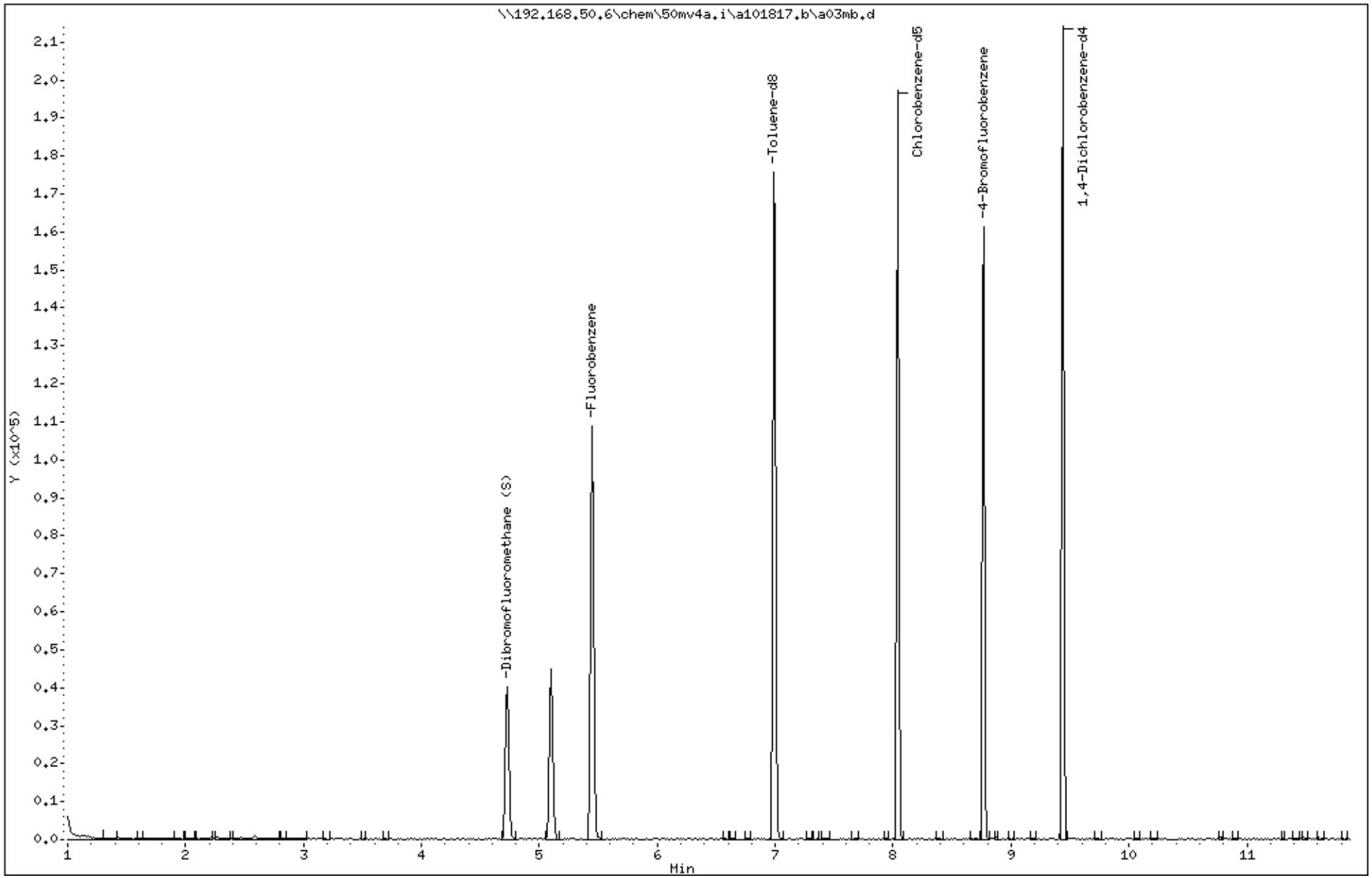
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	CONCENTRATIONS FINAL (ppb)	REVIEW C
20 Methylene Chloride	84	2.586	2.580	(0.474)	362	0.79187	0.792(QR)	
$ 38 Dibromofluoromethane (S)	113	4.733	4.727	(0.868)	25770	49.3092	49.3	
* 47 Fluorobenzene	96	5.451	5.451	(1.000)	88101	50.0000		
$ 58 Toluene-d8	98	6.992	6.992	(0.870)	89822	50.5930	50.6	
* 68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	69863	50.0000		
$ 77 4-Bromofluorobenzene	95	8.768	8.768	(1.091)	34348	49.3176	49.3	
* 91 1,4-Dichlorobenzene-d4	152	9.439	9.444	(1.000)	35645	50.0000		

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a03mb.d
Date : 18-OCT-2017 13:01
Client ID: 1889977
Sample Info: 1889977
Purge Volume: 5.0
Column phase: DB-624

Instrument: 50mv4a.i
Operator: cap
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a03mb.d

Date : 18-OCT-2017 13:01

Client ID: 1889977

Instrument: 50mv4a.i

Sample Info: 1889977

Purge Volume: 5.0

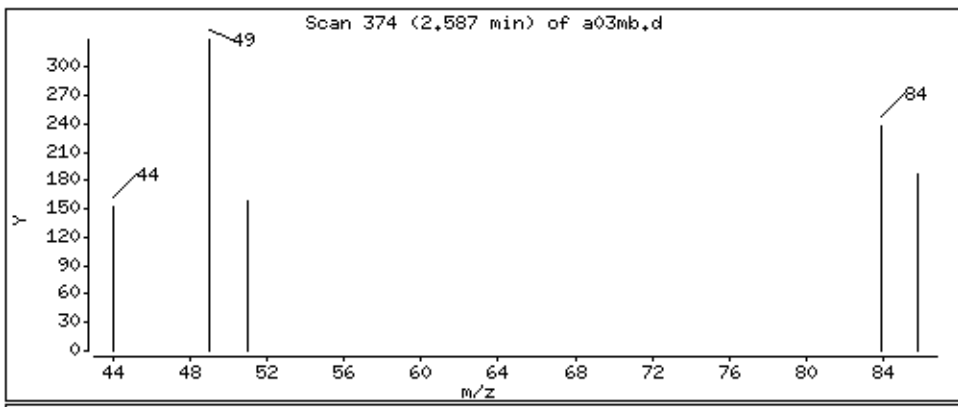
Operator: cap

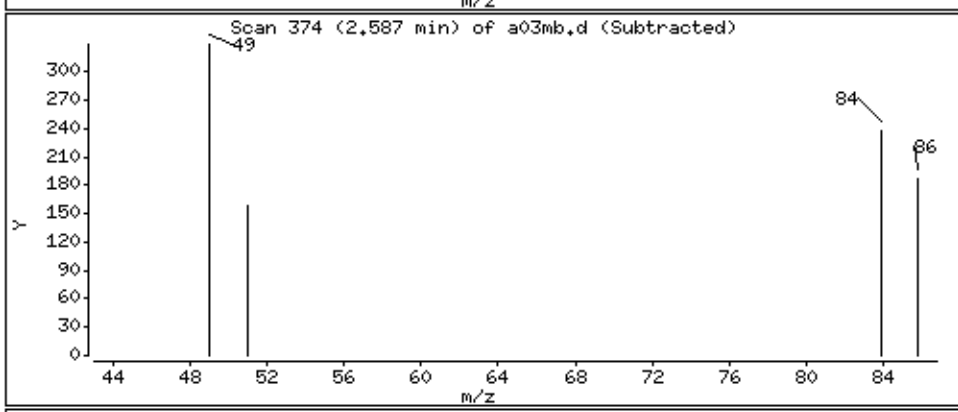
Column phase: DB-624

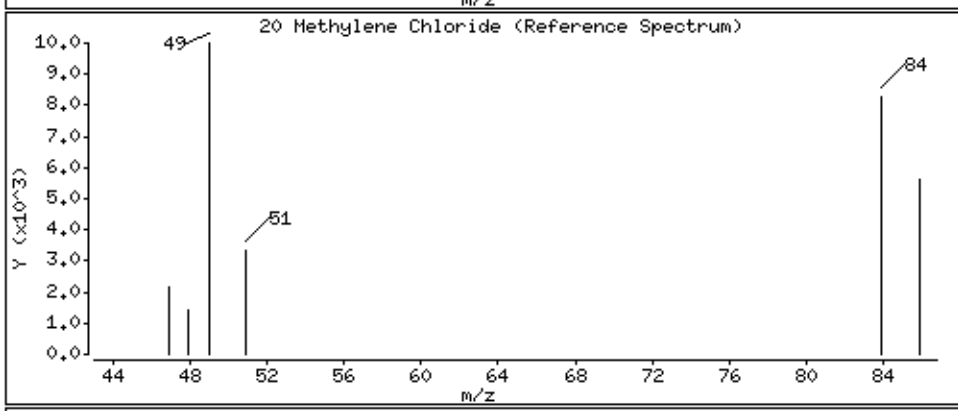
Column diameter: 0.18

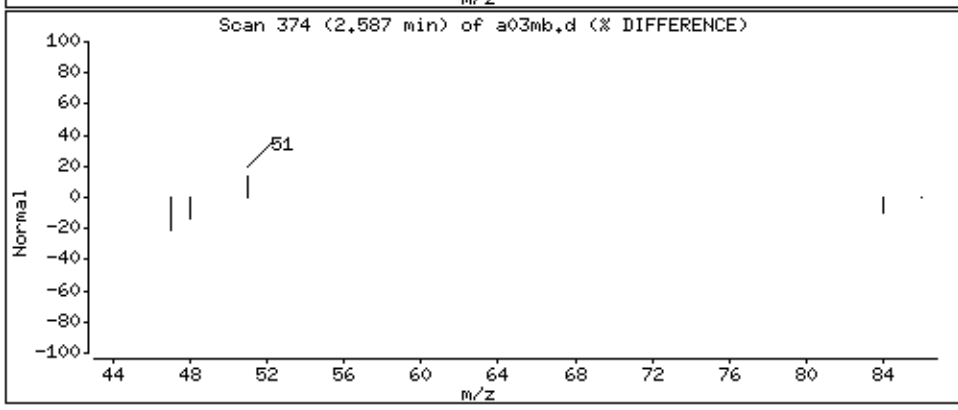
20 Methylene Chloride

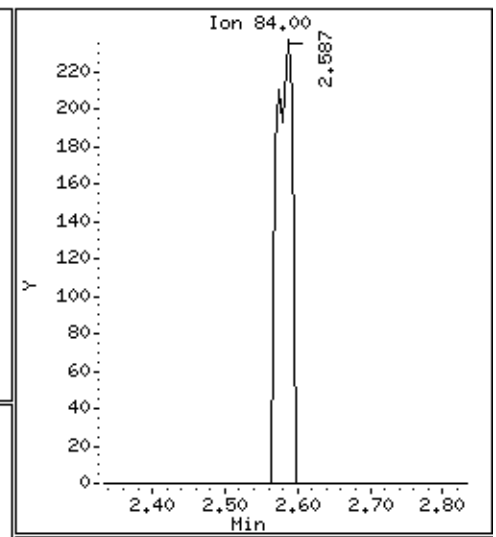
Concentration: 0.792 ppb

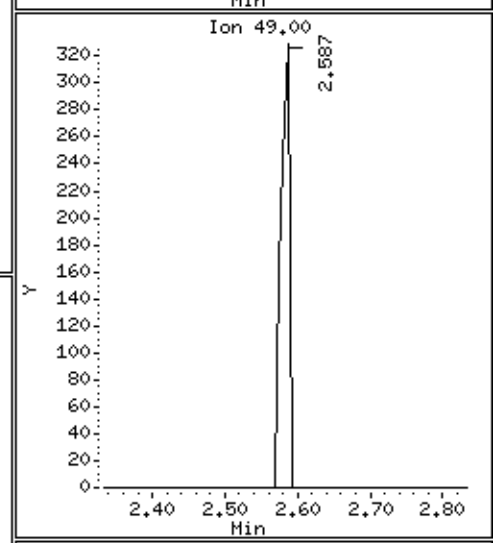


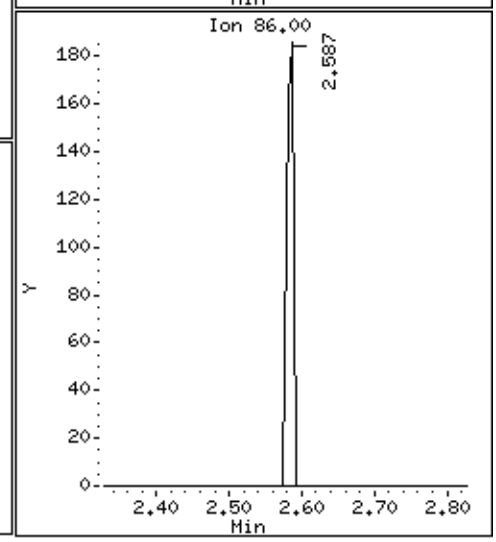












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a03mb.d
Injection Date: 18-OCT-2017 13:01
Instrument: 50mv4a.i
Lab Sample ID: 1889977
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

SAMPLE NO.

LCS

MSV - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 12:26 Lab Sample ID: 1889978

Date Analyzed: 10/18/2017 12:26 Lab File ID: A101817.B\A02LCS.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	291	
71-43-2	Benzene	50.0	
75-27-4	Bromodichloromethane	50.8	
75-25-2	Bromoform	48.6	
74-83-9	Bromomethane	46.4	
78-93-3	2-Butanone (MEK)	282	
75-15-0	Carbon disulfide	49.3	
56-23-5	Carbon tetrachloride	48.0	
108-90-7	Chlorobenzene	48.9	
75-00-3	Chloroethane	69.4	
67-66-3	Chloroform	47.0	
74-87-3	Chloromethane	50.6	
110-82-7	Cyclohexane	56.2	J
96-12-8	1,2-Dibromo-3-chloropropane	42.1	
124-48-1	Dibromochloromethane	52.2	
106-93-4	1,2-Dibromoethane (EDB)	52.1	
95-50-1	1,2-Dichlorobenzene	50.8	
541-73-1	1,3-Dichlorobenzene	52.6	
106-46-7	1,4-Dichlorobenzene	50.9	
75-71-8	Dichlorodifluoromethane	40.3	
75-34-3	1,1-Dichloroethane	52.7	
107-06-2	1,2-Dichloroethane	47.8	
75-35-4	1,1-Dichloroethene	45.7	
156-59-2	cis-1,2-Dichloroethene	46.9	
156-60-5	trans-1,2-Dichloroethene	48.7	
78-87-5	1,2-Dichloropropane	52.1	
10061-01-5	cis-1,3-Dichloropropene	55.3	
10061-02-6	trans-1,3-Dichloropropene	55.0	
100-41-4	Ethylbenzene	54.6	
591-78-6	2-Hexanone	285	
98-82-8	Isopropylbenzene (Cumene)	53.0	
79-20-9	Methyl acetate	162	
108-87-2	Methylcyclohexane	52.5	
75-09-2	Methylene Chloride	44.5	
108-10-1	4-Methyl-2-pentanone (MIBK)	263	
1634-04-4	Methyl-tert-butyl ether	41.5	
100-42-5	Styrene	56.9	

SAMPLE NO.

LCS

MSV - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Pace Analytical - Indiana Contract: Racer Kokomo

Date Received: Matrix: Water SDG No.: 50181834

Date Extracted: 10/18/2017 12:26 Lab Sample ID: 1889978

Date Analyzed: 10/18/2017 12:26 Lab File ID: A101817.B\A02LCS.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1 Instrument: 50MV4A Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
79-34-5	1,1,2,2-Tetrachloroethane	48.4	
127-18-4	Tetrachloroethene	48.6	
108-88-3	Toluene	52.6	
120-82-1	1,2,4-Trichlorobenzene	45.0	
71-55-6	1,1,1-Trichloroethane	50.5	
79-00-5	1,1,2-Trichloroethane	51.3	
79-01-6	Trichloroethene	47.7	
75-69-4	Trichlorofluoromethane	48.0	
76-13-1	1,1,2-Trichlorotrifluoroethane	46.1	
75-01-4	Vinyl chloride	50.6	
1330-20-7	Xylene (Total)	159	

Pace Analytical Services, Inc.

Data file : \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d
Lab Smp Id: 1889978,160252:5 Client Smp ID: 1889978,160252:5
Inj Date : 18-OCT-2017 12:26
Operator : cap Inst ID: 50mv4a.i
Smp Info : 1889978,160252:5
Misc Info : 107706
Comment :
Method : \\192.168.50.6\chem\50mv4a.i\a101817.b\-a8260_a_c.m
Meth Date : 19-Oct-2017 10:59 50mv4a.i Quant Type: ISTD
Cal Date : 11-OCT-2017 22:04 Cal File: a08.d
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	FINAL (ppb)	REVIEW C
1 Dichlorodifluoromethane	85	1.098	1.098	(0.201)	22389	40.2660	40.3	
3 Chloromethane	50	1.245	1.251	(0.228)	26695	50.5553	50.6	
4 Vinyl Chloride	62	1.286	1.286	(0.236)	28078	50.5596	50.6	
5 Bromomethane	94	1.498	1.498	(0.275)	8884	46.3797	46.4	
6 Chloroethane	64	1.568	1.563	(0.288)	14091	69.4332	69.4(R)	
8 Trichlorofluoromethane	101	1.739	1.739	(0.319)	35139	48.0059	48.0	
9 Diethyl ether	74	1.963	1.963	(0.360)	9864	50.2988	50.3	
10 1,2-dichlorotrifluoroethane	67	1.980	1.980	(0.363)	23753	51.2181	51.2	
11 Acrolein	56	2.080	2.086	(0.382)	99571	1158.50	1160	
12 1,1,2trichlorotrifluoroethane	101	2.133	2.127	(0.391)	20974	46.0581	46.0	
13 1,1-Dichloroethene	96	2.133	2.133	(0.391)	18225	45.6634	45.7	
14 Acetone	43	2.215	2.216	(0.407)	37829	290.561	290	
15 Iodomethane	142	2.263	2.263	(0.415)	49079	104.070	104	
16 Carbon Disulfide	76	2.310	2.304	(0.424)	56635	49.2983	49.3	
17 Acetonitrile	39	2.457	2.451	(0.451)	39665	59.6017	59.6	
18 allyl chloride	41	2.457	2.451	(0.451)	54248	115.611	116	
19 Methyl Acetate	43	2.498	2.498	(0.458)	73277	161.590	162(R)	
20 Methylene Chloride	84	2.580	2.580	(0.473)	20539	44.5071	44.5	
21 tert-Butyl Alcohol	59	2.751	2.763	(0.505)	1720	57.7701	57.8	
23 1,2-Dichloroethene (trans)	96	2.833	2.827	(0.520)	20214	48.7025	48.7	
24 Methyl-tert-butyl ether	73	2.845	2.851	(0.522)	32522	41.5097	41.5	
22 Acrylonitrile	53	2.862	2.863	(0.525)	32639	193.755	194	
25 n-Hexane	57	3.115	3.110	(0.572)	32661	53.0336	53.0	

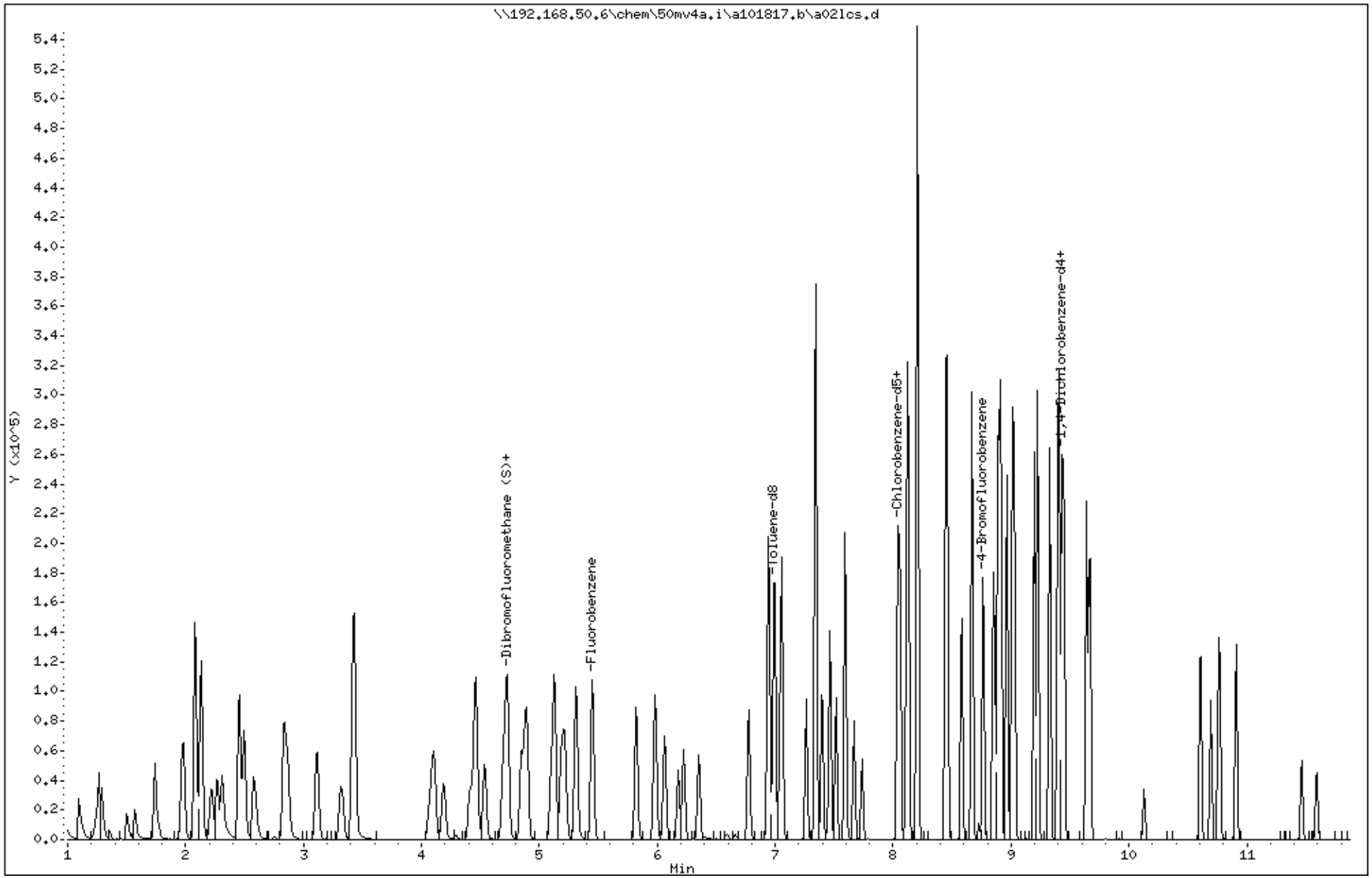
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	CONCENTRATIONS FINAL (ppb)	REVIEW C
	26 1,1-Dichloroethane	63	3.321	3.315	(0.609)	40771	52.6542	52.6	
	28 chloroprene	53	3.421	3.415	(0.628)	34680	52.0034	52.0	
	27 Vinyl Acetate	43	3.427	3.421	(0.629)	180332	206.791	207	
	7 isopropyl acetate	61	5.304	5.309	(0.973)	22380	123.026	123	
	29 2,2-Dichloropropane	77	4.080	4.074	(0.749)	24114	49.6854	49.7	
	30 1,2-Dichloroethene (cis)	96	4.104	4.098	(0.753)	23616	46.9243	46.9	
	31 2-Butanone	43	4.186	4.186	(0.768)	50966	281.800	282	
	32 Propionitrile	54	4.298	4.292	(0.788)	3316	40.5202	40.5(Q)	
	33 Bromochloromethane	49	4.415	4.415	(0.810)	18471	53.5326	53.5	
	34 Methacrylonitrile	41	4.457	4.457	(0.818)	55015	161.749	162	
	35 Tetrahydrofuran	42	4.468	4.474	(0.820)	6949	50.9265	50.9	
	36 Chloroform	83	4.533	4.533	(0.832)	39052	46.9906	47.0	
	37 1,1,1-Trichloroethane	97	4.698	4.692	(0.862)	35246	50.5412	50.5	
$	38 Dibromofluoromethane (S)	113	4.733	4.727	(0.868)	25056	47.4929	47.5	
	39 Cyclohexane	56	4.727	4.721	(0.867)	37136	56.2277	56.2	
	40 n-Butyl chloride	56	4.845	4.839	(0.889)	43492	52.2431	52.2	
	41 Carbon Tetrachloride	117	4.874	4.868	(0.894)	33220	48.0229	48.0	
	42 1,1-Dichloropropene	75	4.892	4.886	(0.897)	30040	51.4983	51.5	
	43 Benzene	78	5.127	5.127	(0.941)	84712	49.9792	50.0	
	44 1,2-Dichloroethane	62	5.186	5.186	(0.951)	32833	47.8143	47.8	
	45 2,2,4-Trimethylpentane	57	5.209	5.209	(0.956)	62749	54.2546	54.2	
	46 Isobutyl alcohol	43	5.209	5.204	(0.956)	13360			
*	47 Fluorobenzene	96	5.451	5.451	(1.000)	88936	50.0000		
	48 Trichloroethene	95	5.821	5.821	(1.068)	23071	47.6837	47.7	
	49 Methylcyclohexane	55	5.980	5.980	(1.097)	31346	52.5393	52.5	
	50 1,2-Dichloropropane	63	6.062	6.062	(1.112)	23386	52.0588	52.0	
	51 Dibromomethane	93	6.180	6.180	(1.134)	14367	48.0707	48.1	
	52 1,4-Dioxane	88	6.227	6.227	(1.142)	5626	978.702	979	
	53 Methyl methacrylate	69	6.227	6.221	(1.142)	15386	50.6996	50.7	
	54 Bromodichloromethane	83	6.350	6.351	(1.165)	30801	50.7913	50.8	
	55 2-Chloroethyl vinyl ether	63	6.668	6.662	(0.830)	1327	13.5456	13.5	
	56 cis-1,3-Dichloropropene	75	6.774	6.774	(0.843)	36051	55.2529	55.2	
	57 4-Methyl-2-Pentanone	43	6.945	6.945	(0.864)	99165	262.712	263	
$	58 Toluene-d8	98	6.992	6.992	(0.870)	94261	51.4510	51.4	
	59 Toluene	91	7.050	7.050	(0.877)	98704	52.5567	52.6	
	60 trans-1,3-Dichloropropene	75	7.262	7.262	(0.903)	32101	54.9977	55.0	
	61 Ethyl Methacrylate	69	7.345	7.345	(0.914)	114855	210.541	210	
	62 1,1,2-Trichloroethane	83	7.397	7.398	(0.920)	17078	51.3249	51.3	
	63 Tetrachloroethene	166	7.462	7.462	(0.928)	27062	48.5898	48.6	
	64 1,3-Dichloropropane	76	7.515	7.515	(0.935)	32896	50.7576	50.8	
	65 2-Hexanone	43	7.592	7.592	(0.944)	73644	284.727	285	
	66 Dibromochloromethane	129	7.668	7.668	(0.954)	28690	52.2222	52.2	
	67 1,2-Dibromoethane	107	7.739	7.739	(0.963)	23001	52.1297	52.1	
*	68 Chlorobenzene-d5	117	8.039	8.039	(1.000)	72093	50.0000		
	69 Chlorobenzene	112	8.056	8.062	(1.002)	67732	48.8695	48.9	
	2 n-amyl acetate	70	8.580	8.580	(1.574)	12032	41.7207	41.7	
	70 1,1,1,2-Tetrachloroethane	131	8.115	8.121	(1.010)	27159	52.1852	52.2	
	71 Ethylbenzene	106	8.127	8.133	(1.011)	36936	54.5680	54.6	
	72 m&p-Xylene	106	8.203	8.203	(1.020)	91917	106.898	107	
	73 o-Xylene	106	8.450	8.450	(1.051)	44808	52.0388	52.0	
	74 Styrene	104	8.462	8.462	(1.053)	78101	56.9253	56.9	
	75 Bromoform	173	8.580	8.586	(0.910)	16906	48.6464	48.6	
	76 Isopropylbenzene	105	8.668	8.674	(1.078)	117363	53.0462	53.0	
$	77 4-Bromofluorobenzene	95	8.762	8.768	(1.090)	35768	49.7678	49.8	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb)	CONCENTRATIONS FINAL (ppb)	REVIEW C
78	Bromobenzene	77	8.850	8.856	(1.101)	42066	53.9653	54.0	
79	1,1,2,2-Tetrachloroethane	83	8.862	8.868	(0.940)	27981	48.3674	48.4	
80	1,2,3-Trichloropropane	110	8.886	8.892	(0.942)	8652	49.1137	49.1(Q)	
81	trans-1,4-Dichloro-2-butene	53	8.897	8.903	(1.107)	29317	198.903	199(Q)	
82	n-Propylbenzene	91	8.909	8.915	(0.945)	138592	56.2101	56.2	
83	2-Chlorotoluene	91	8.962	8.968	(0.950)	80488	54.3995	54.4	
84	1,3,5-Trimethylbenzene	105	9.009	9.015	(0.955)	97675	55.6811	55.7	
85	4-Chlorotoluene	126	9.027	9.033	(0.957)	30478	51.5725	51.6	
86	tert-Butylbenzene	119	9.197	9.209	(0.975)	84252	42.4742	42.5	
87	1,2,4-Trimethylbenzene	105	9.227	9.233	(0.978)	100378	55.3543	55.4	
88	sec-Butylbenzene	105	9.327	9.333	(0.989)	116452	56.4905	56.5	
89	1,3-Dichlorobenzene	146	9.397	9.403	(0.996)	56284	52.5733	52.6	
90	p-Isopropyltoluene	119	9.409	9.415	(0.998)	102385	56.0743	56.1	
* 91	1,4-Dichlorobenzene-d4	152	9.433	9.444	(1.000)	38991	50.0000		
92	1,4-Dichlorobenzene	146	9.450	9.456	(1.002)	57803	50.9110	50.9	
93	n-Butylbenzene	91	9.644	9.656	(1.022)	78087	55.2600	55.3	
94	1,2-Dichlorobenzene	146	9.668	9.680	(1.025)	54345	50.7744	50.8	
95	1,2-Dibromo-3-chloropropane	155	10.127	10.144	(1.074)	5161	42.1105	42.1	
96	1,2,4-Trichlorobenzene	180	10.609	10.627	(1.125)	26568	45.0080	45.0	
97	Hexachlorobutadiene	225	10.697	10.715	(1.134)	11346	48.9744	49.0	
98	Naphthalene	128	10.762	10.786	(1.141)	71785	39.5123	39.5	
99	1,2,3-Trichlorobenzene	180	10.909	10.927	(1.157)	25554	53.5505	53.6	
100	2,methyl-naphthalene	142	11.468	11.491	(1.216)	17372	36.9861	37.0	
101	1-Methylnaphthalene	142	11.591	11.615	(2.127)	15867	33.7288	33.7	

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d
Date : 18-OCT-2017 12:26
Client ID: 1889978,160252:5
Instrument: 50mv4a.i
Sample Info: 1889978,160252:5
Purge Volume: 5.0
Operator: cap
Column phase: DB-624
Column diameter: 0.18



Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

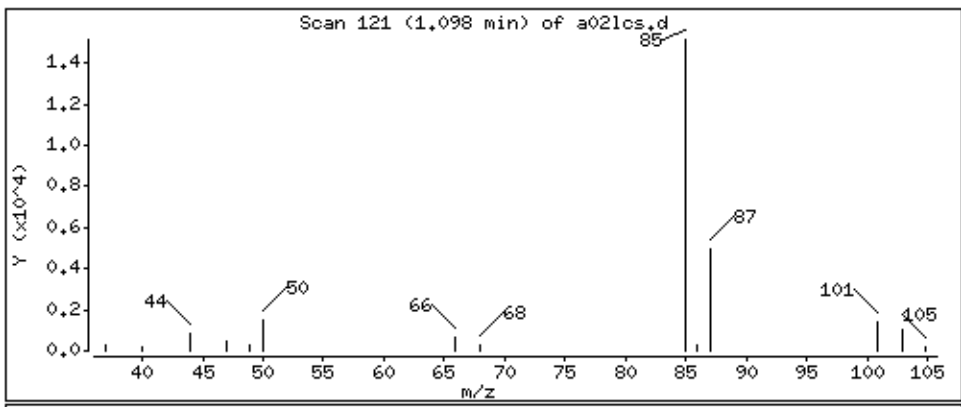
Operator: cap

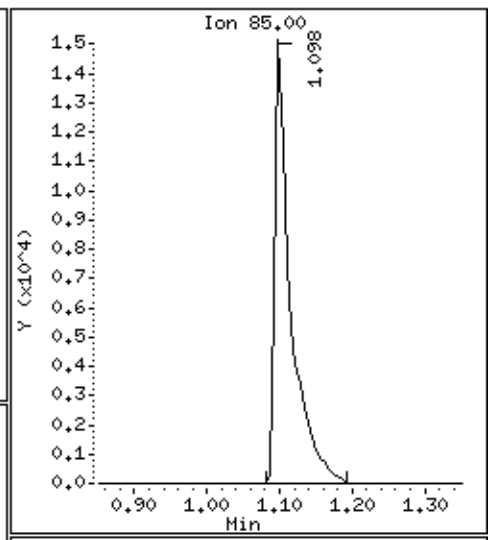
Column phase: DB-624

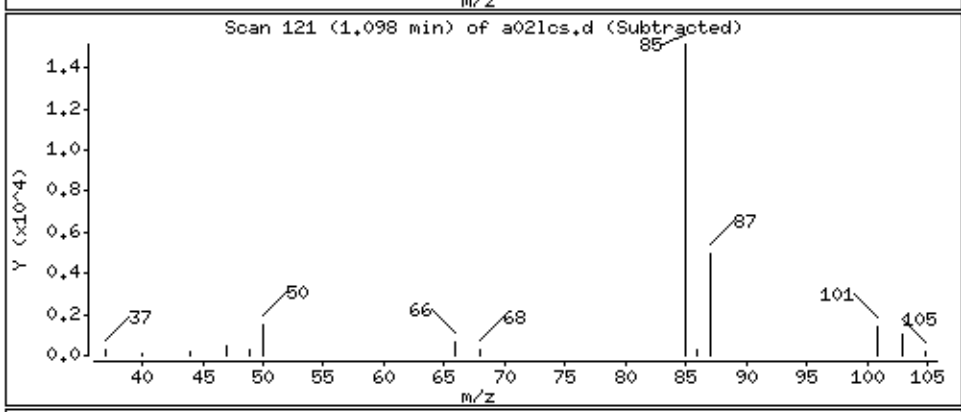
Column diameter: 0.18

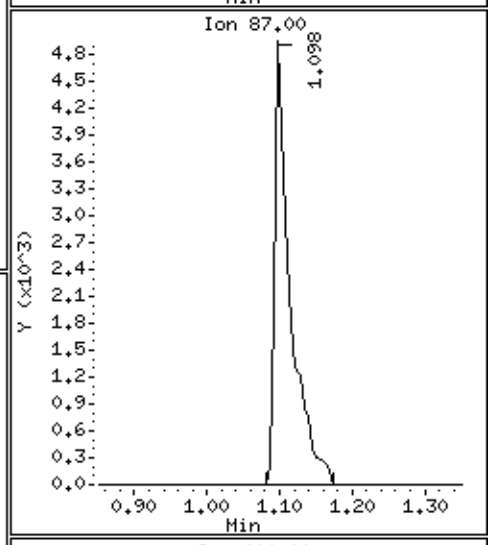
1 Dichlorodifluoromethane

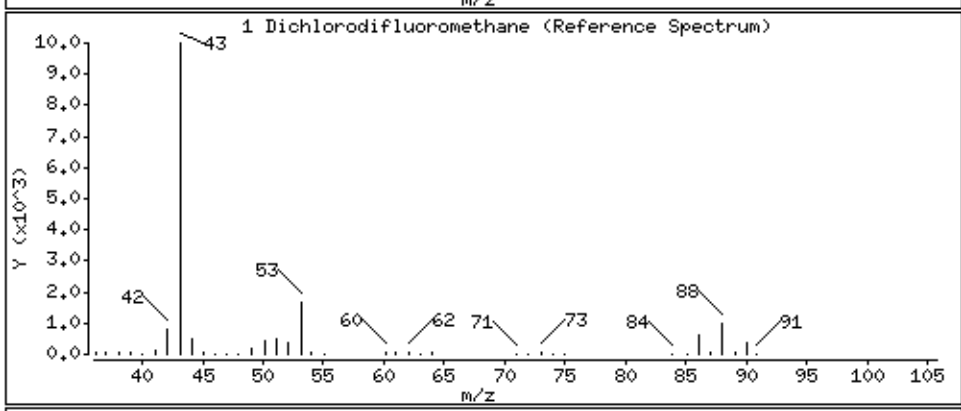
Concentration: 40.3 ppb

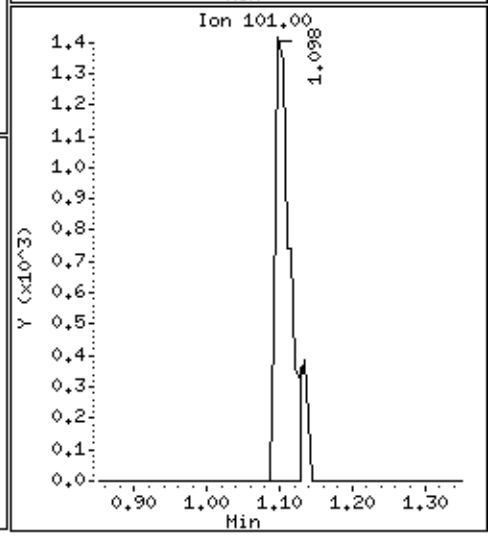


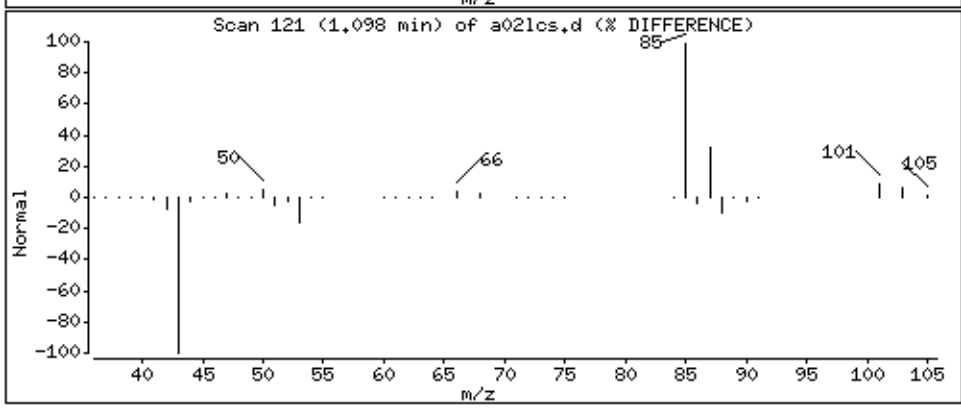












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

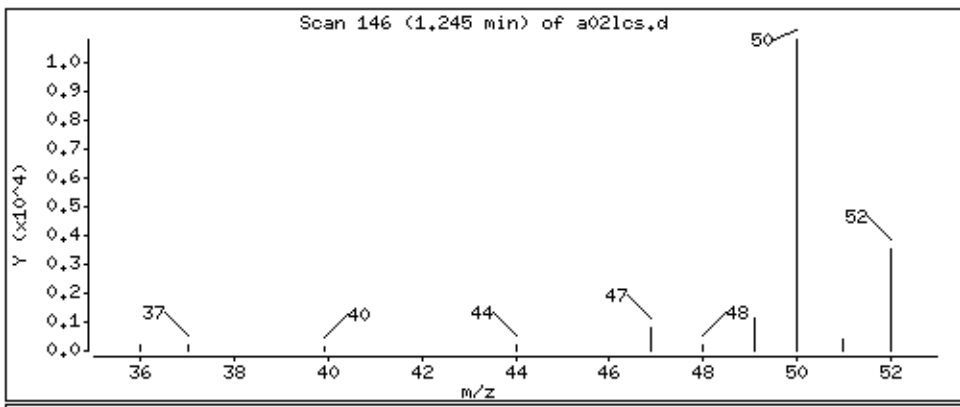
Operator: cap

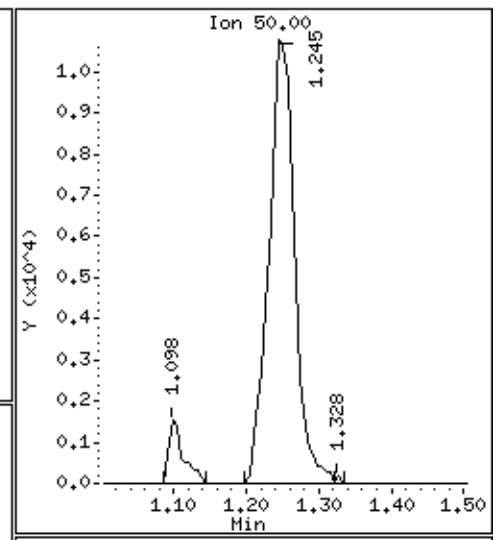
Column phase: DB-624

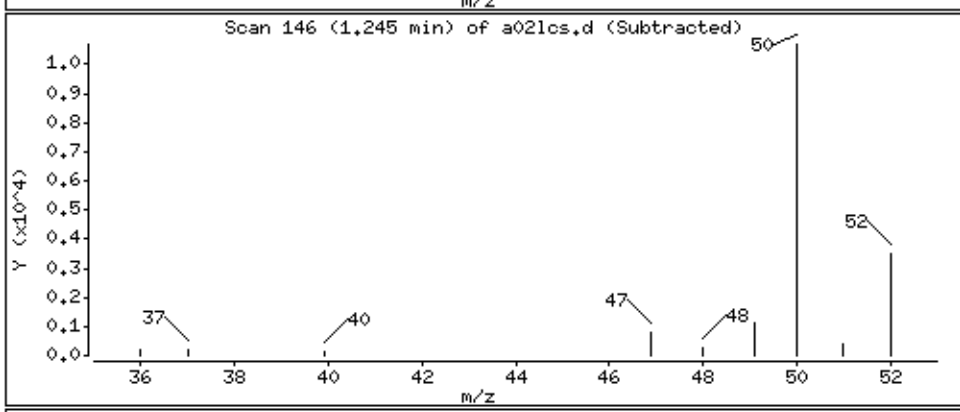
Column diameter: 0.18

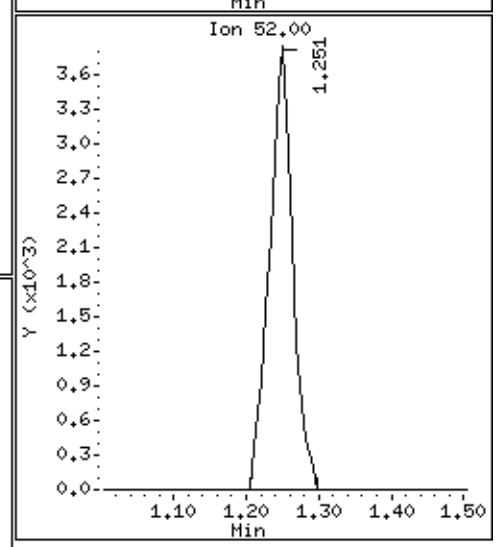
3 Chloromethane

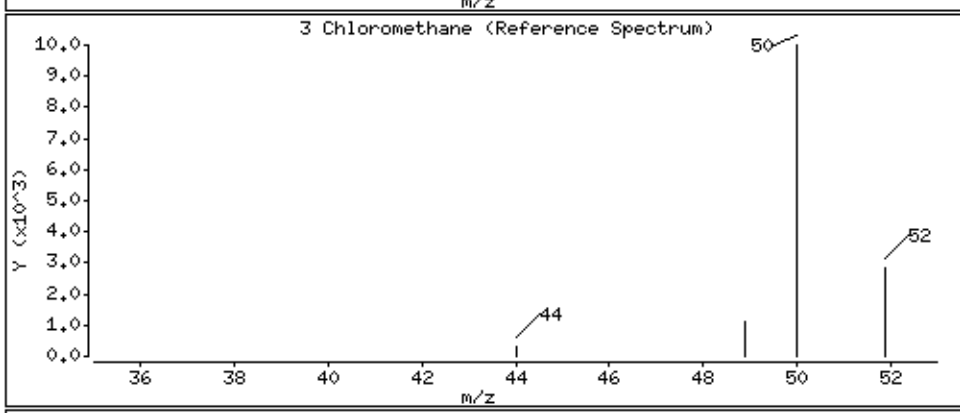
Concentration: 50.6 ppb

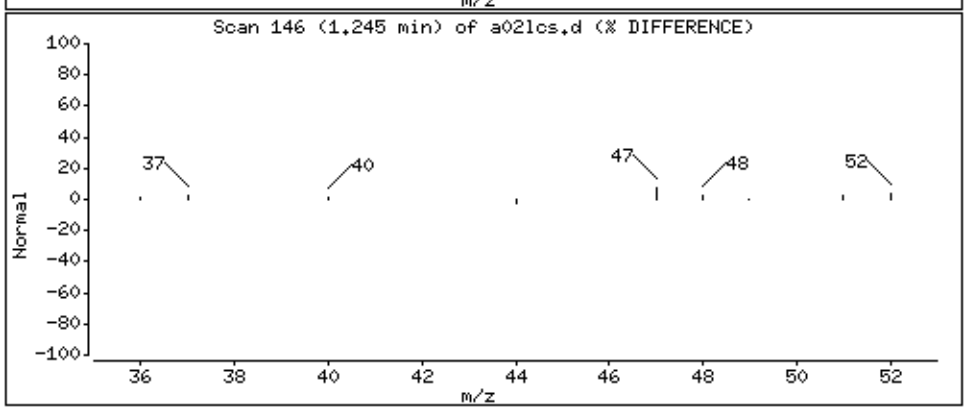












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

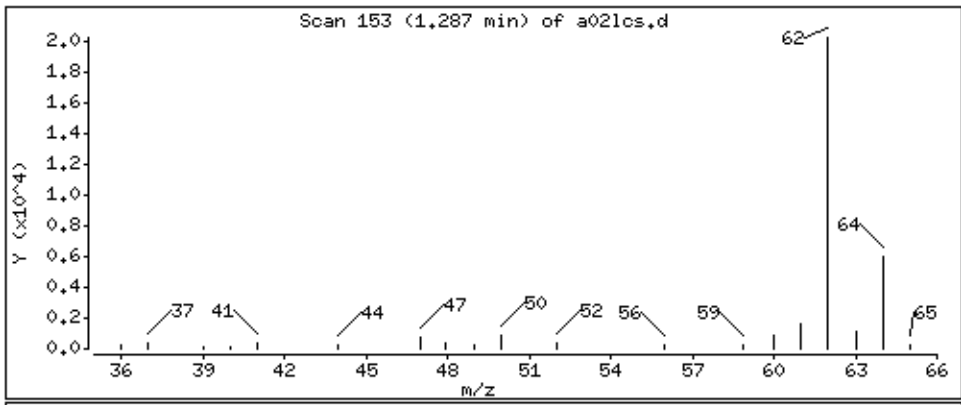
Operator: cap

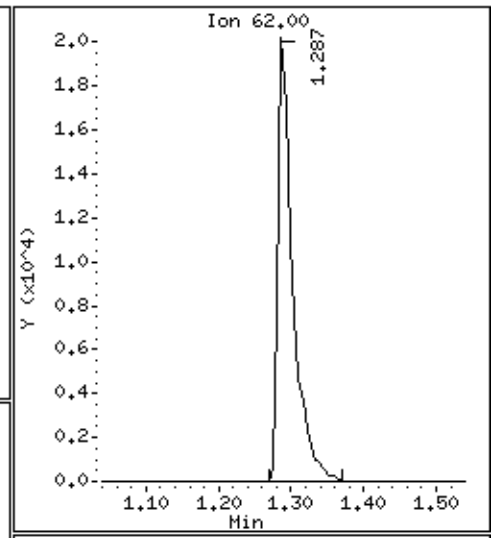
Column phase: DB-624

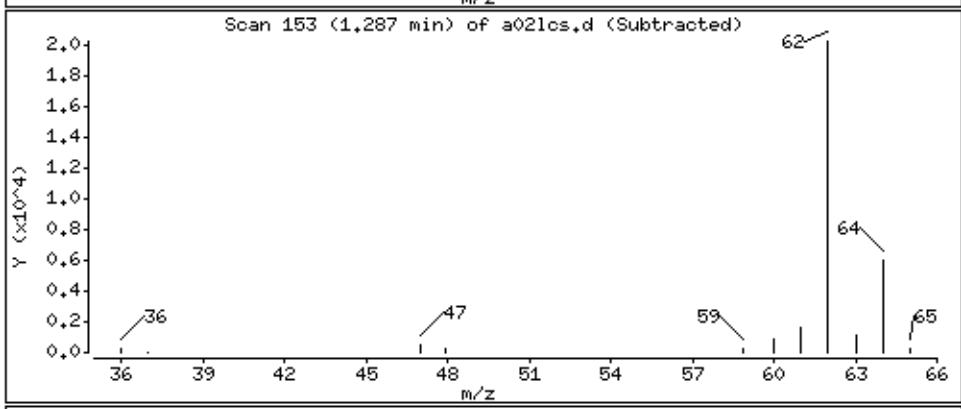
Column diameter: 0.18

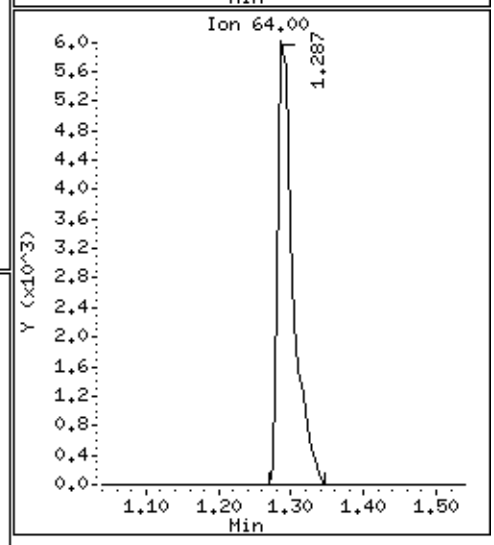
4 Vinyl Chloride

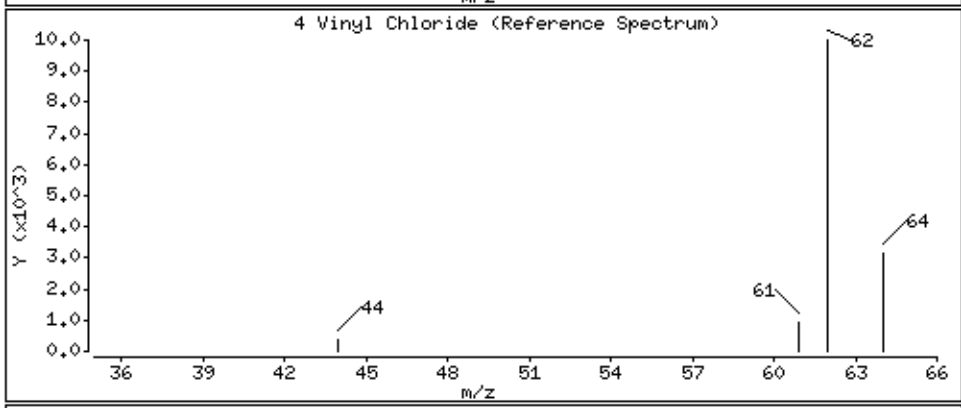
Concentration: 50.6 ppb

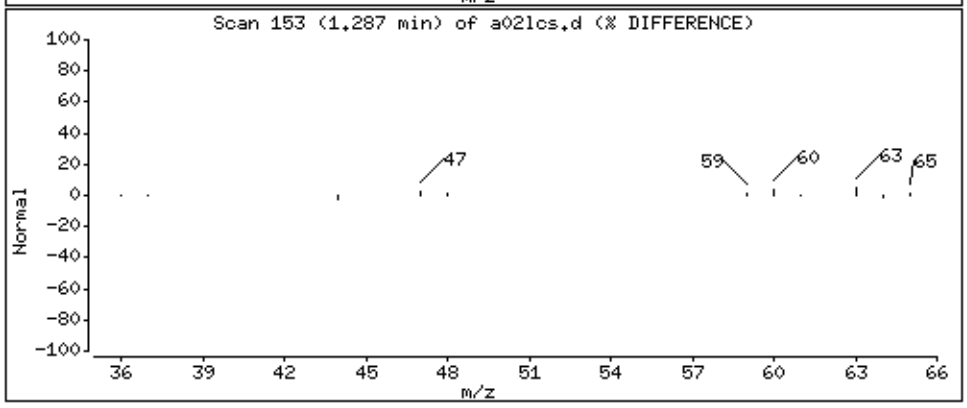












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

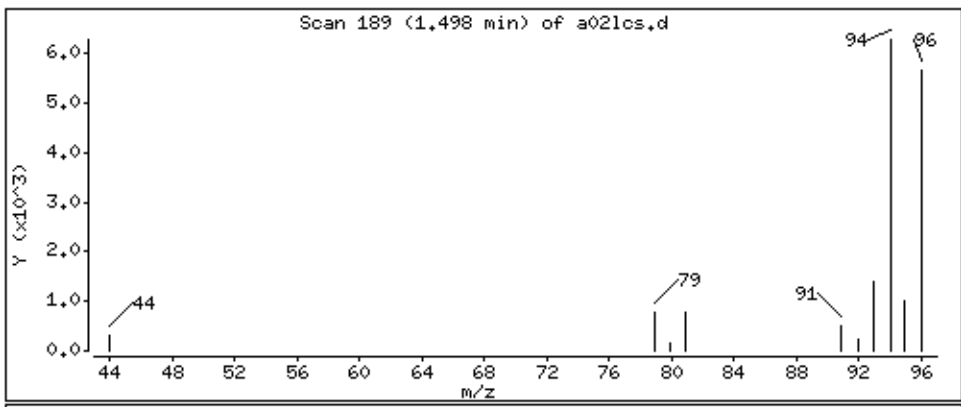
Operator: cap

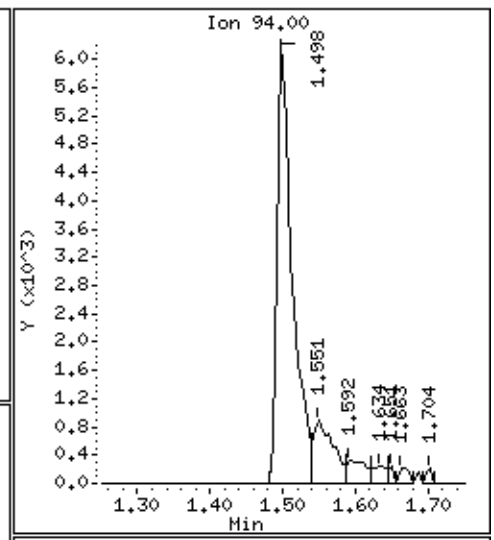
Column phase: DB-624

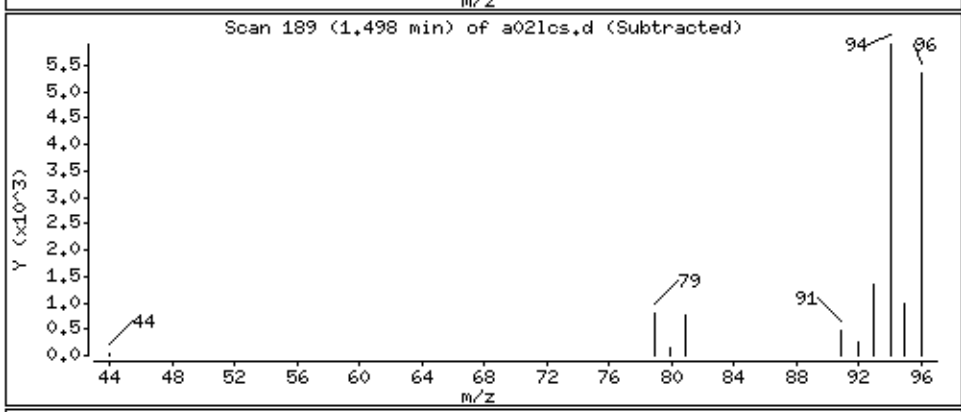
Column diameter: 0.18

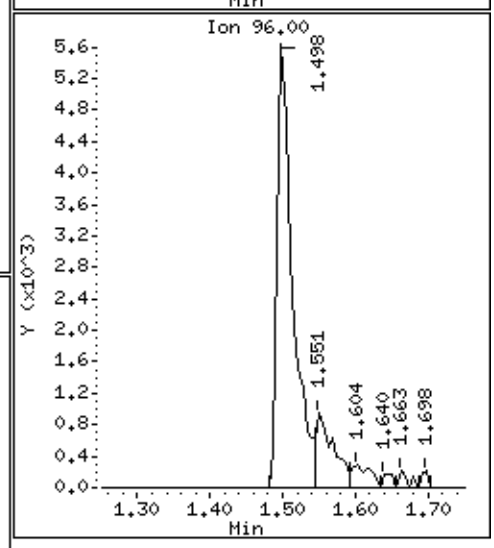
5 Bromomethane

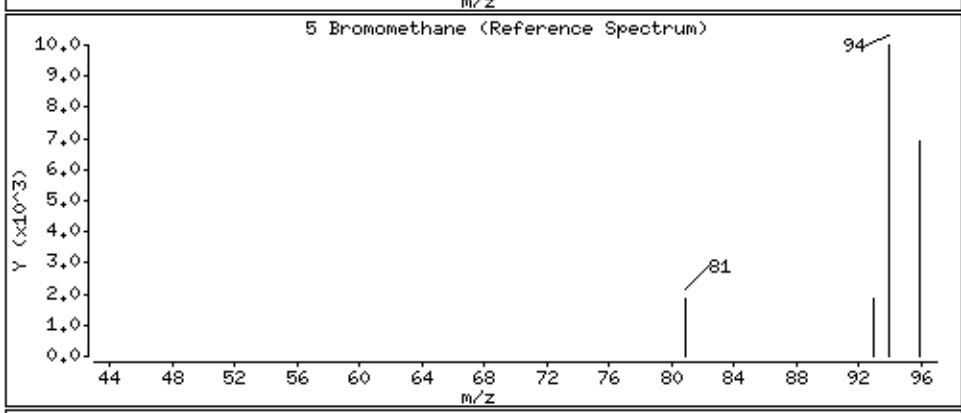
Concentration: 46.4 ppb

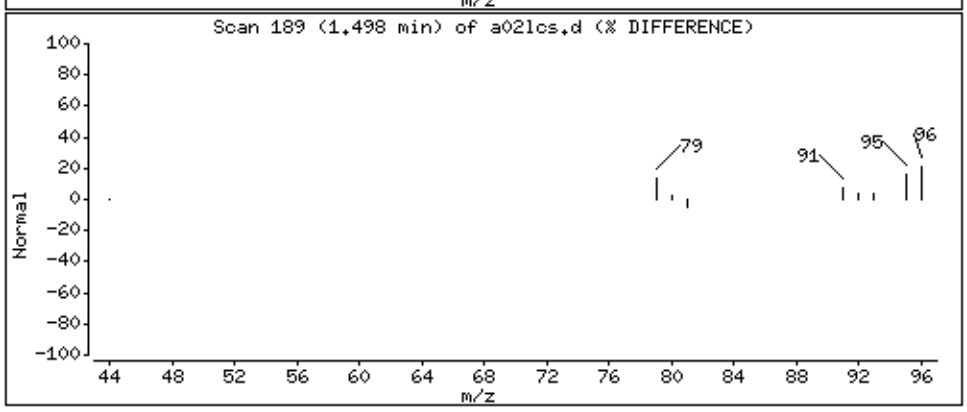












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

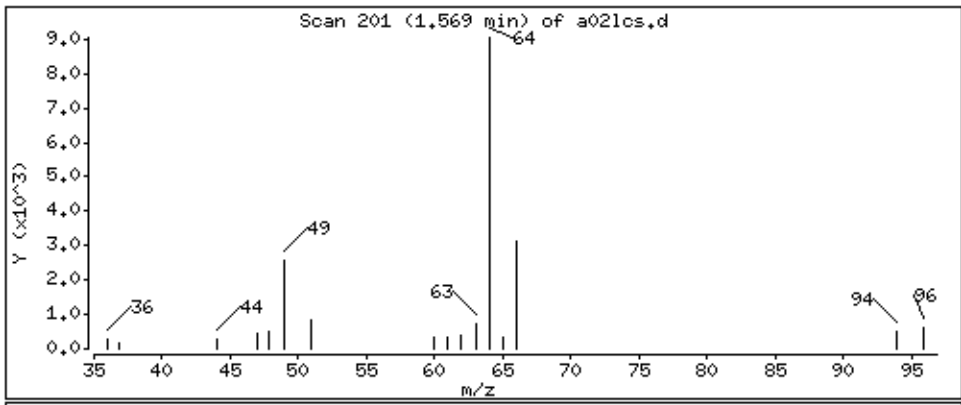
Operator: cap

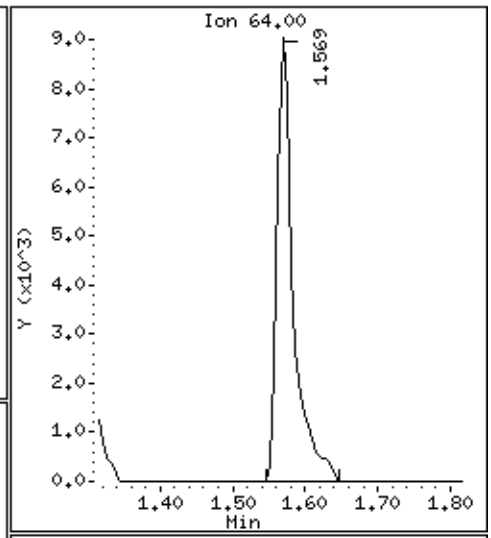
Column phase: DB-624

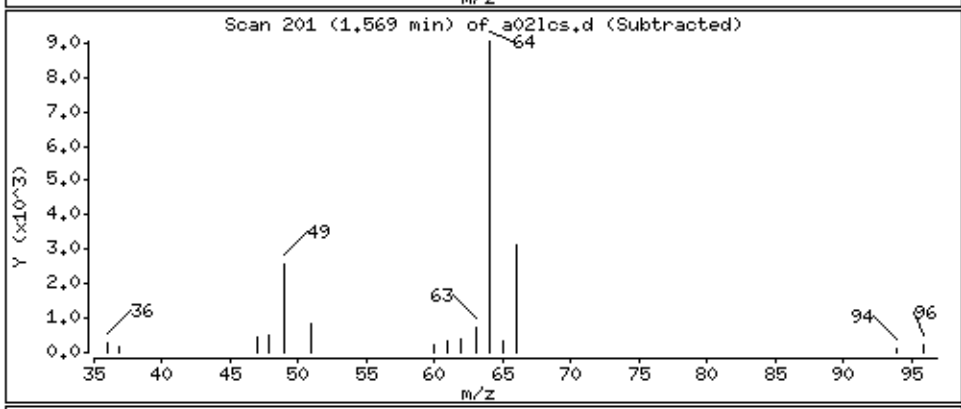
Column diameter: 0.18

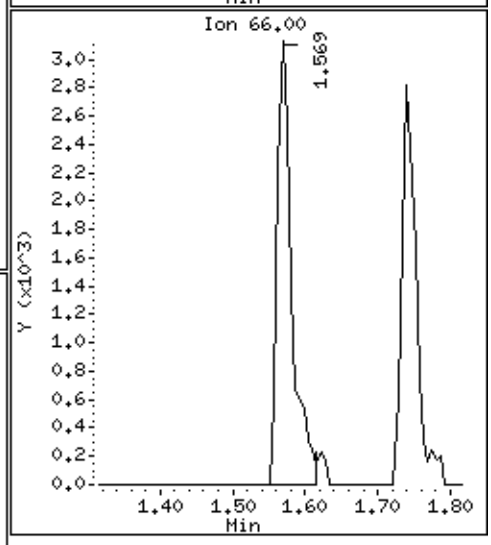
6 Chloroethane

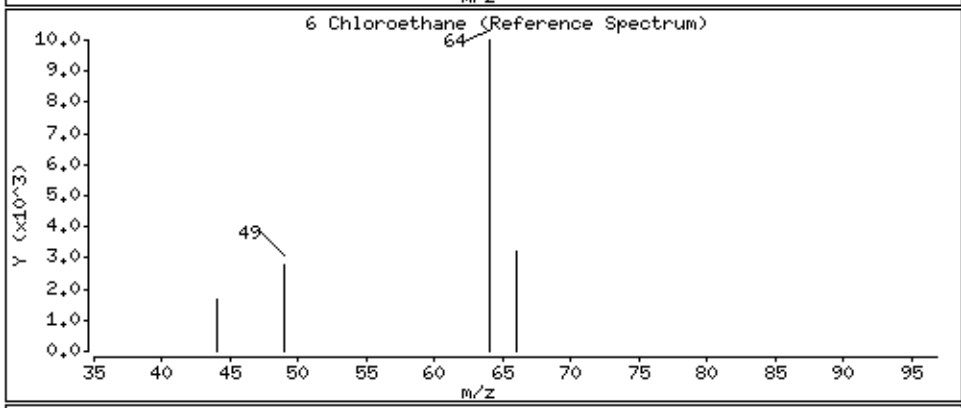
Concentration: 69.4 ppb

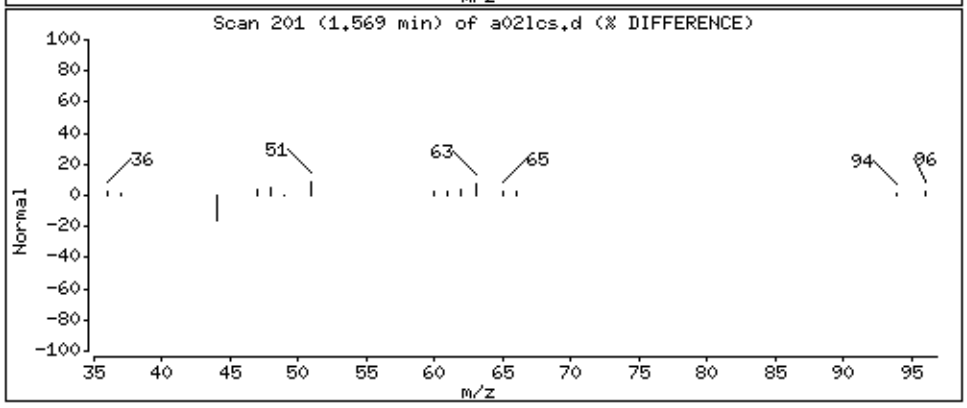












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

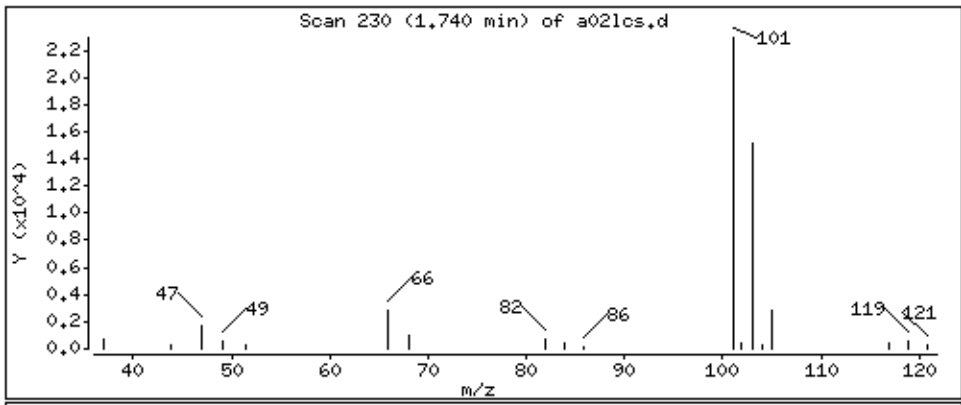
Operator: cap

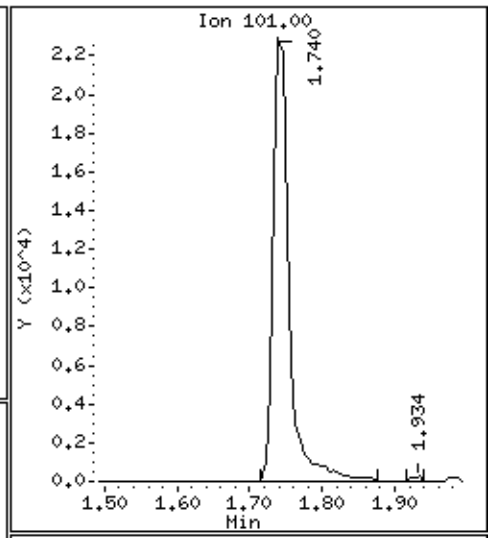
Column phase: DB-624

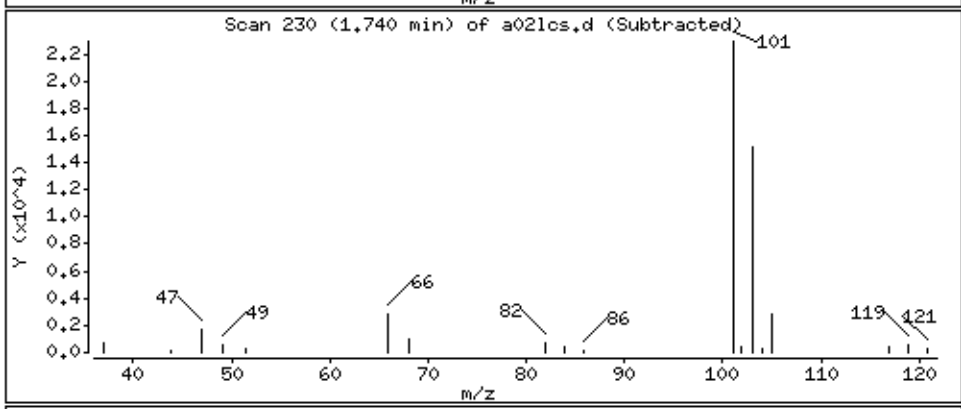
Column diameter: 0.18

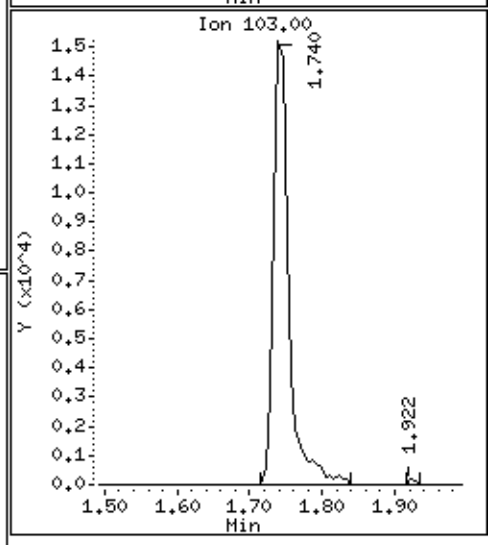
8 Trichlorofluoromethane

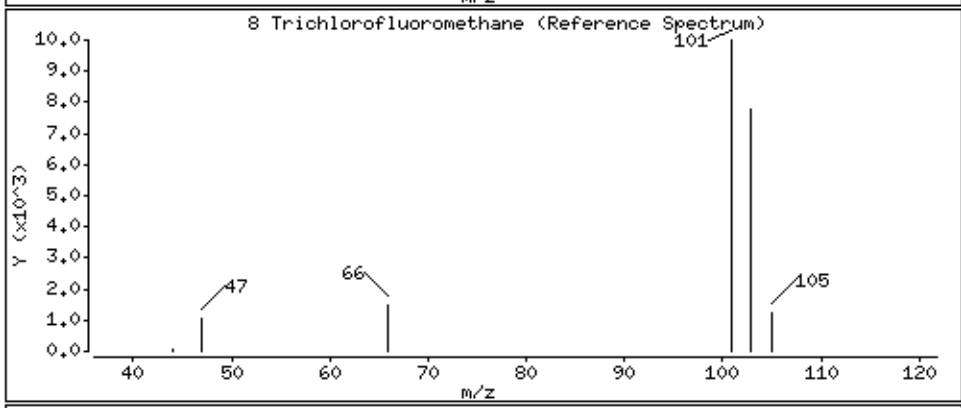
Concentration: 48.0 ppb

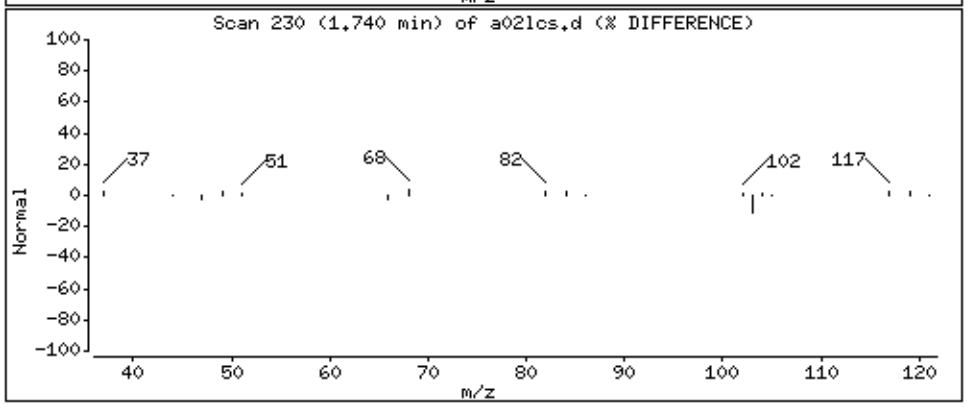












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

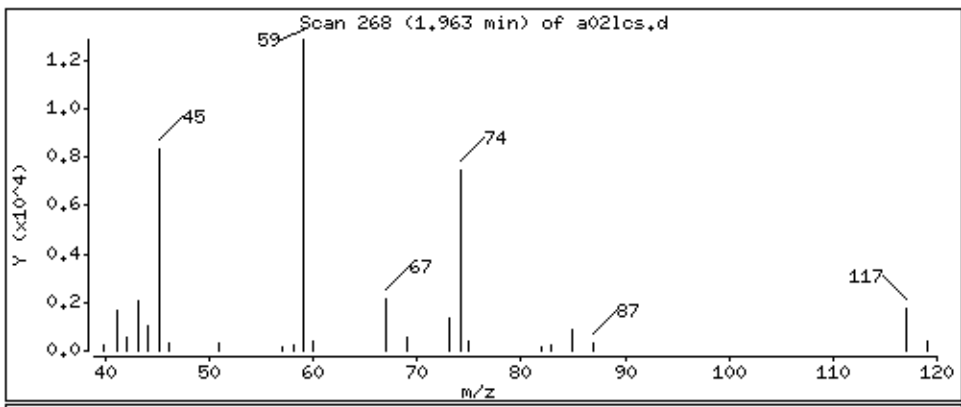
Operator: cap

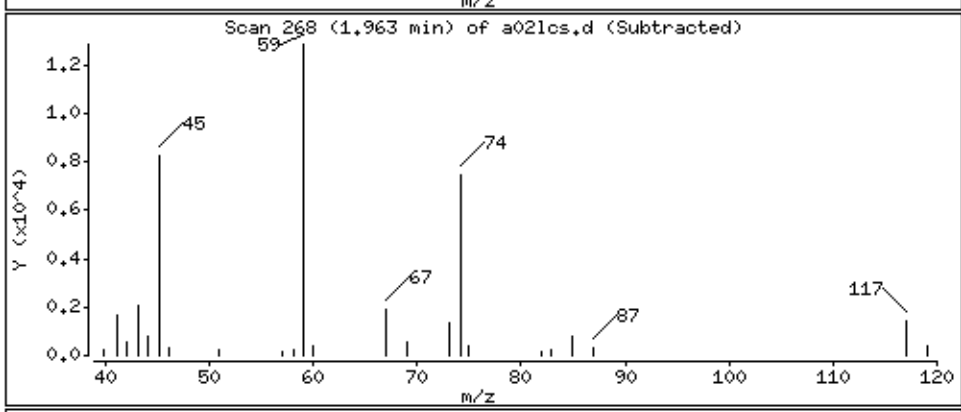
Column phase: DB-624

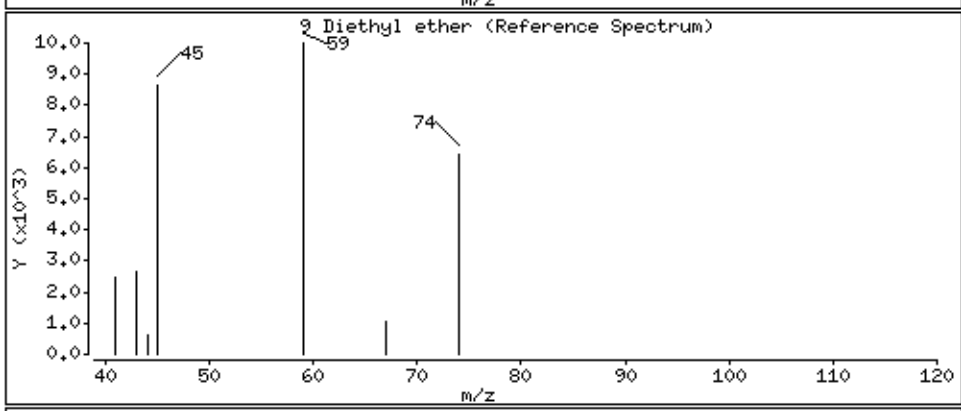
Column diameter: 0.18

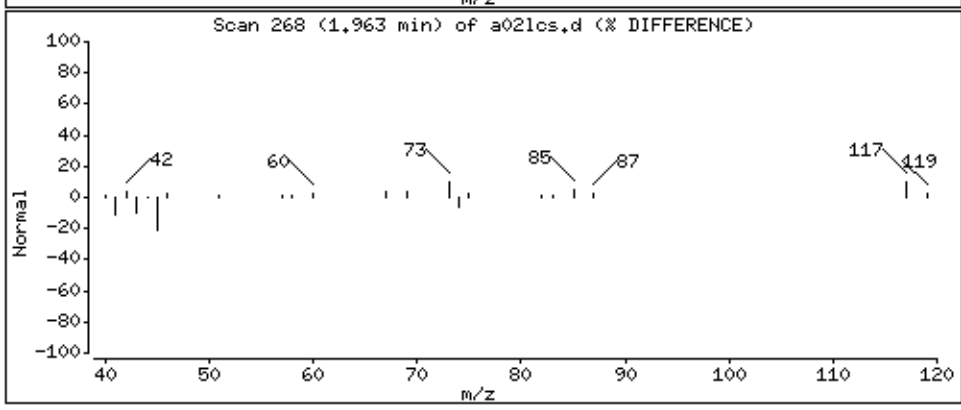
9 Diethyl ether

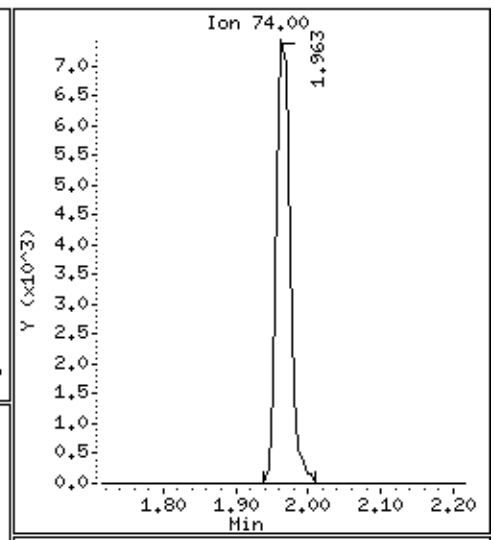
Concentration: 50.3 ppb

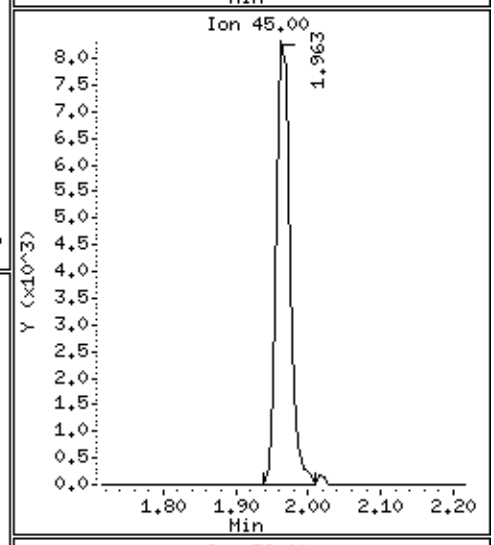


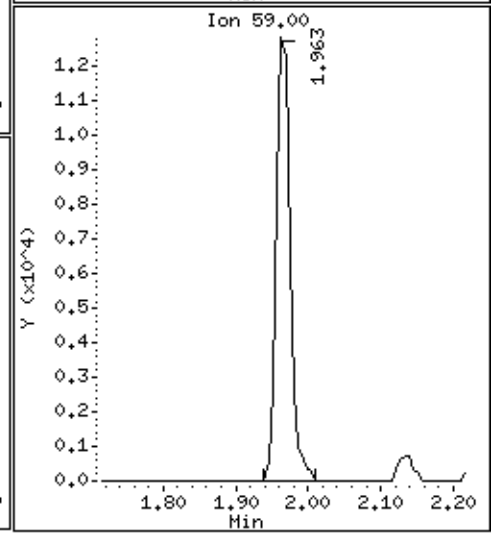












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

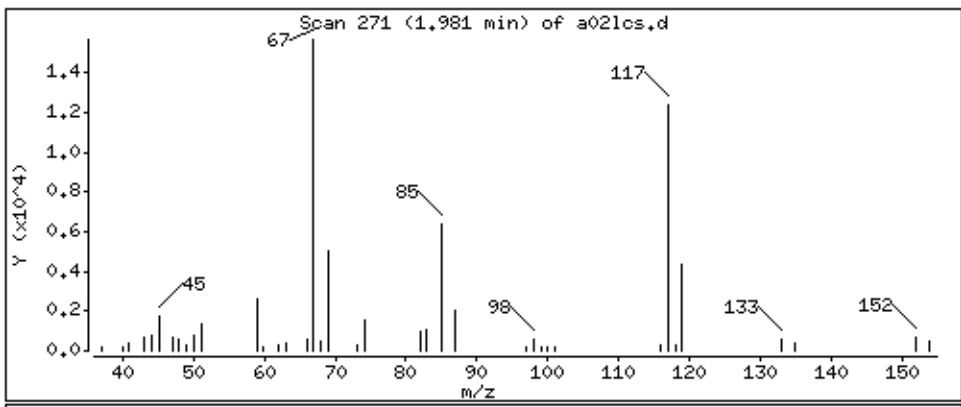
Operator: cap

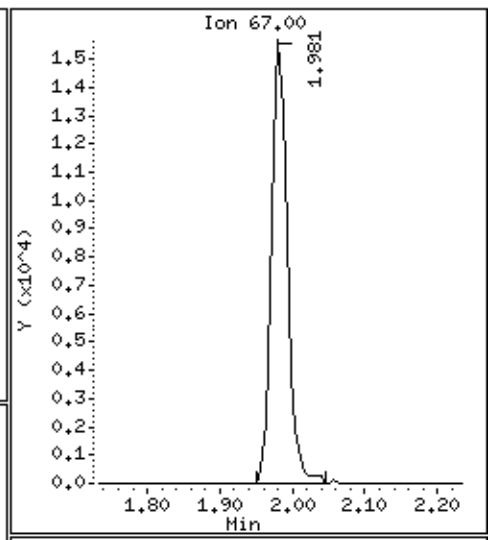
Column phase: DB-624

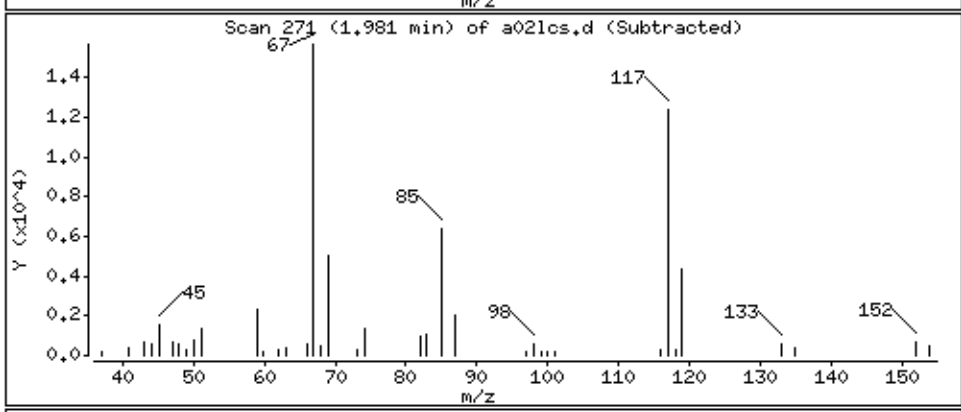
Column diameter: 0.18

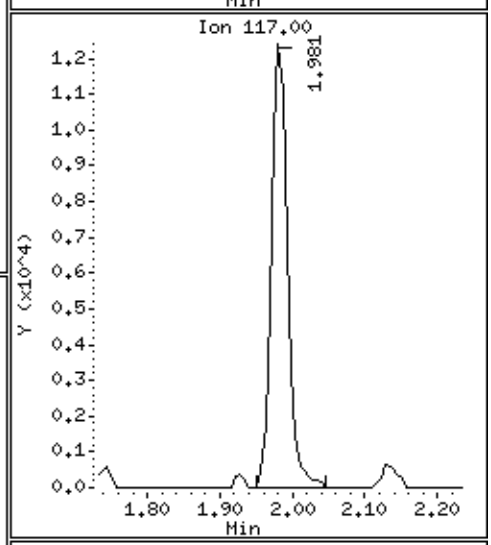
10 1,2-dichlorotrifluoroethane

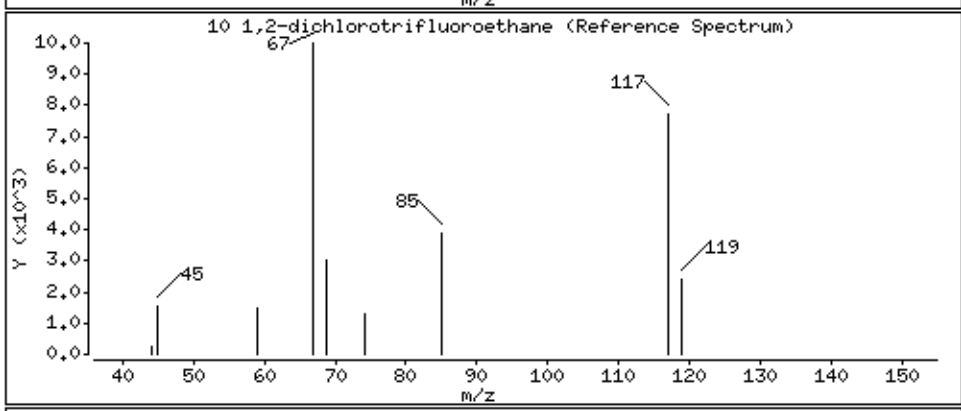
Concentration: 51.2 ppb

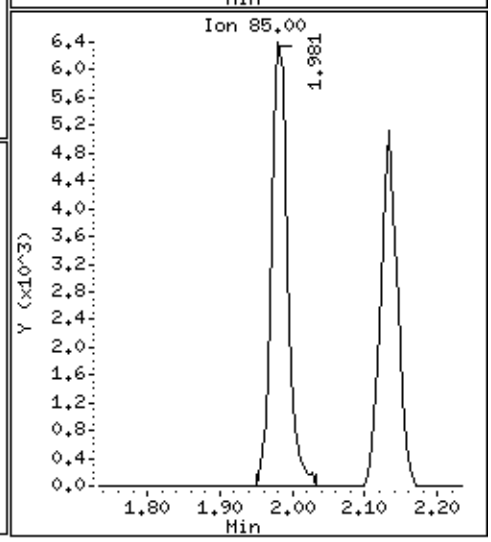


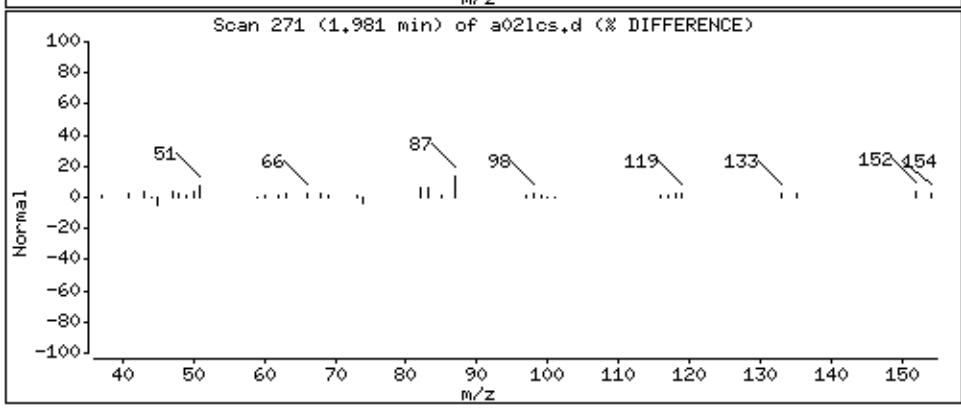












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

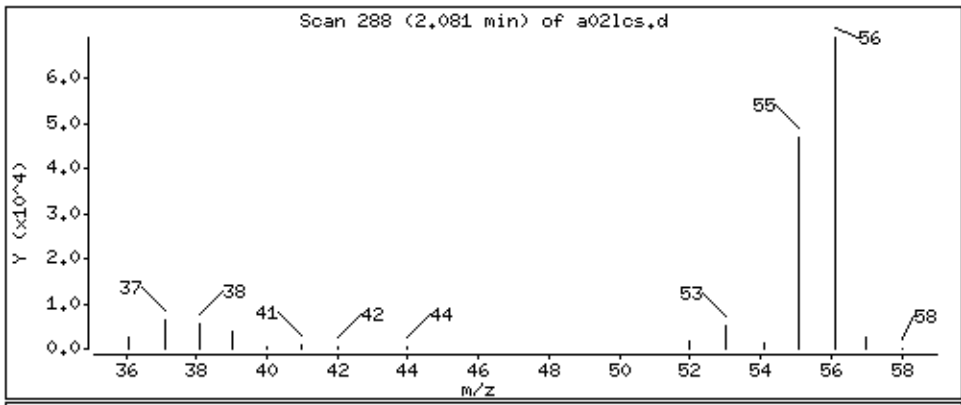
Operator: cap

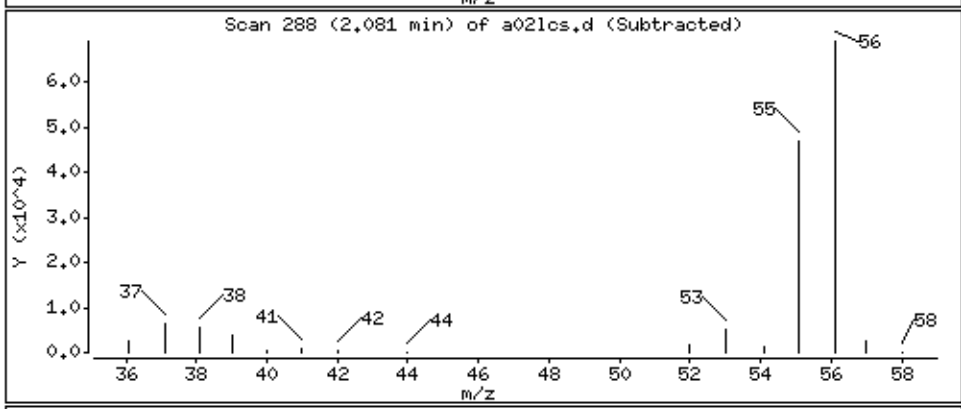
Column phase: DB-624

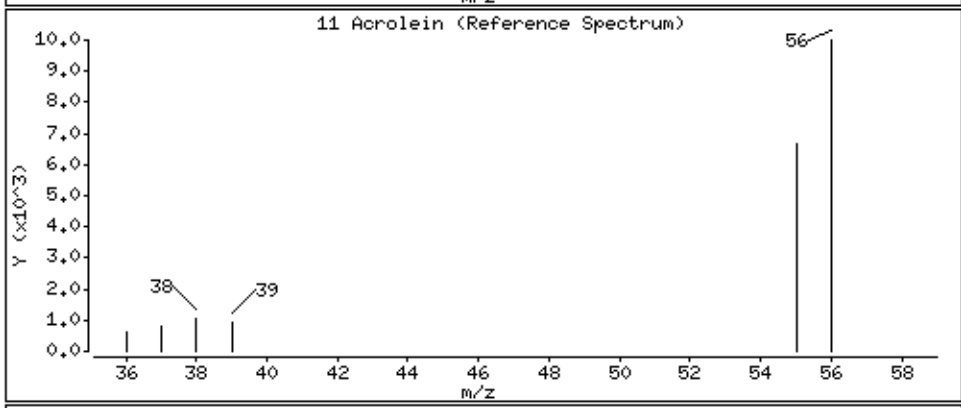
Column diameter: 0.18

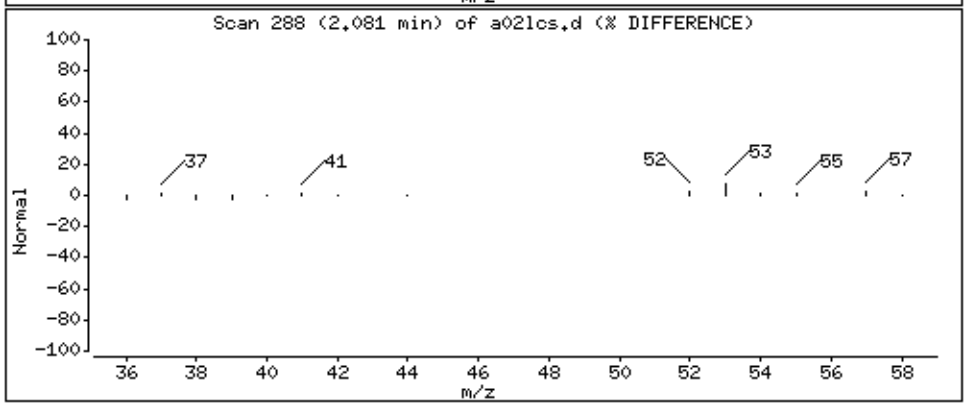
11 Acrolein

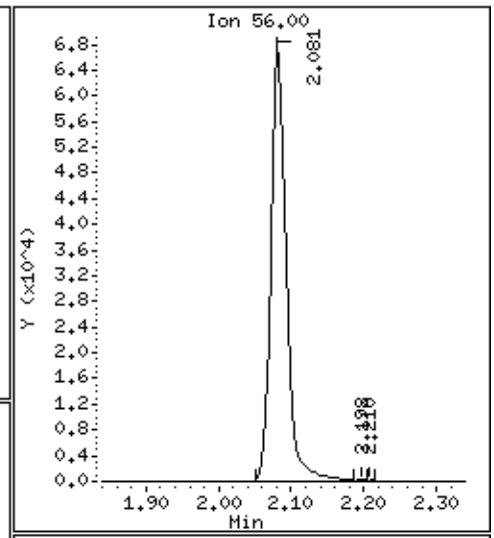
Concentration: 1160 ppb

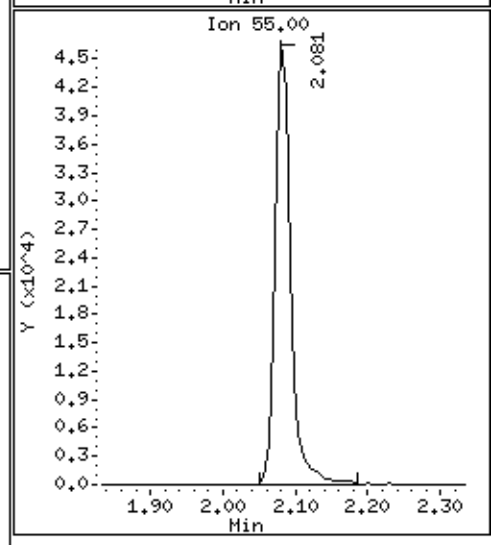












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

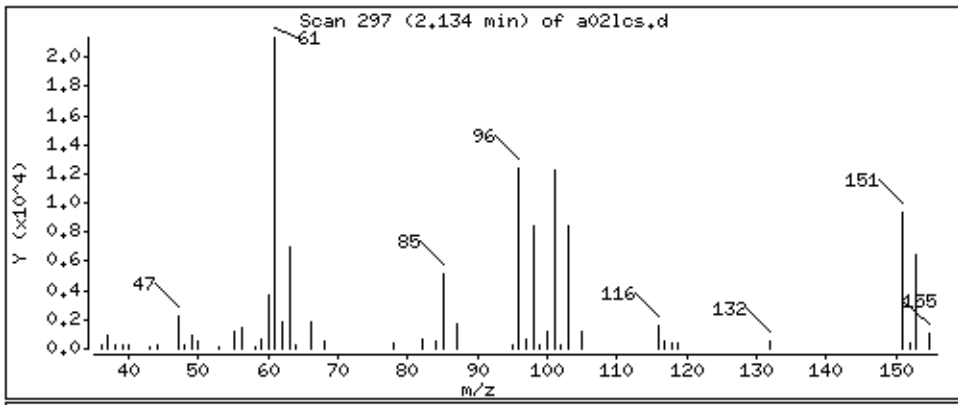
Operator: cap

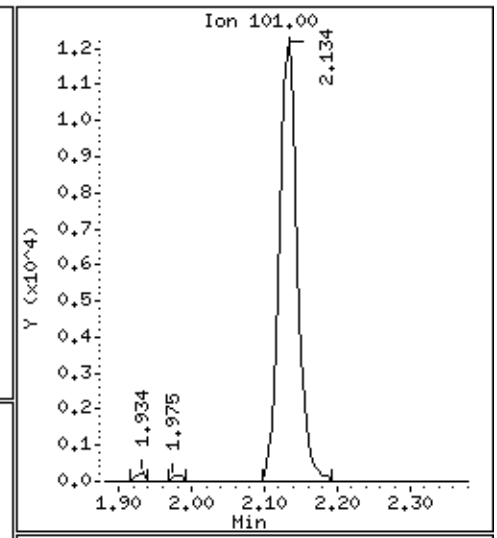
Column phase: DB-624

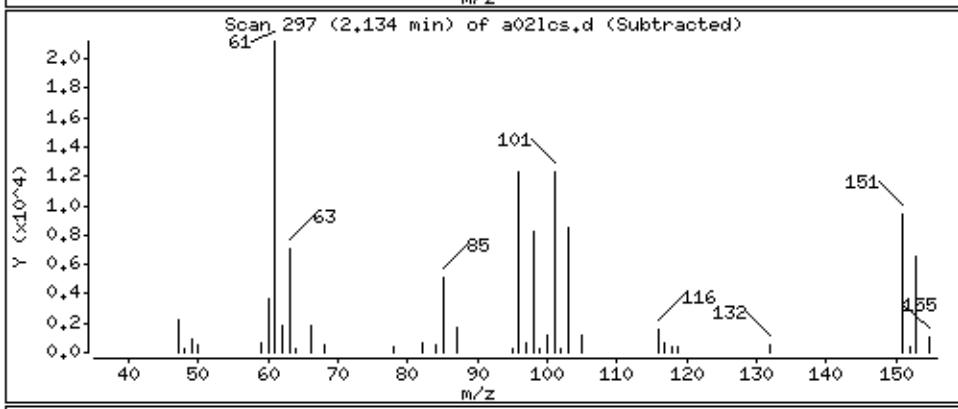
Column diameter: 0.18

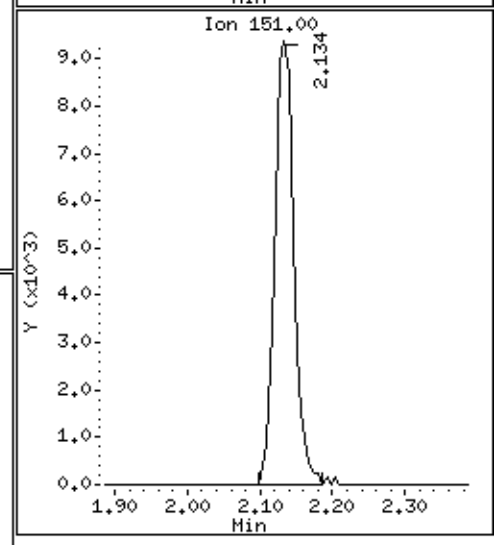
12 1,1,2trichlorotrifluoroethane

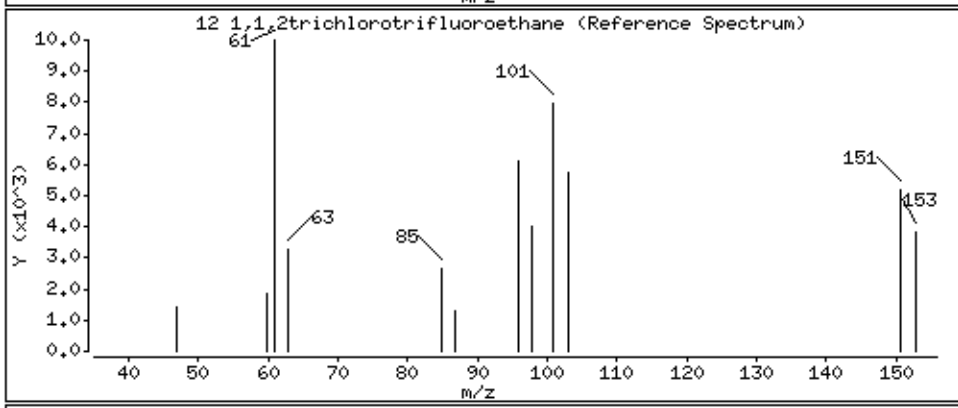
Concentration: 46.0 ppb

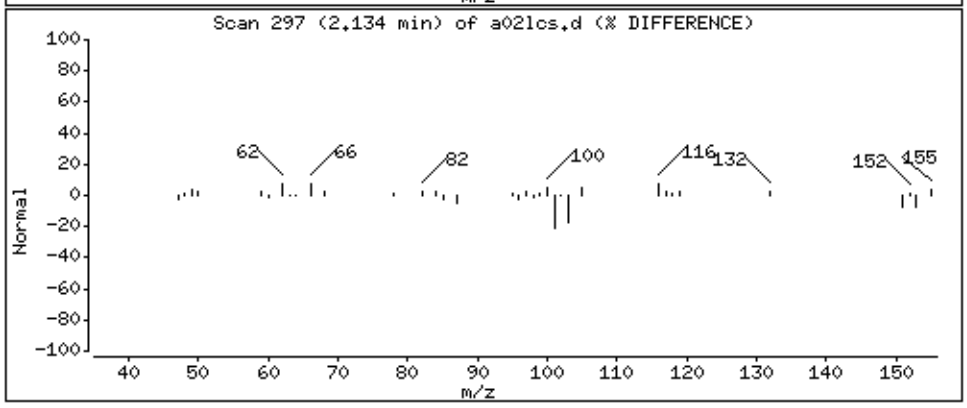












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

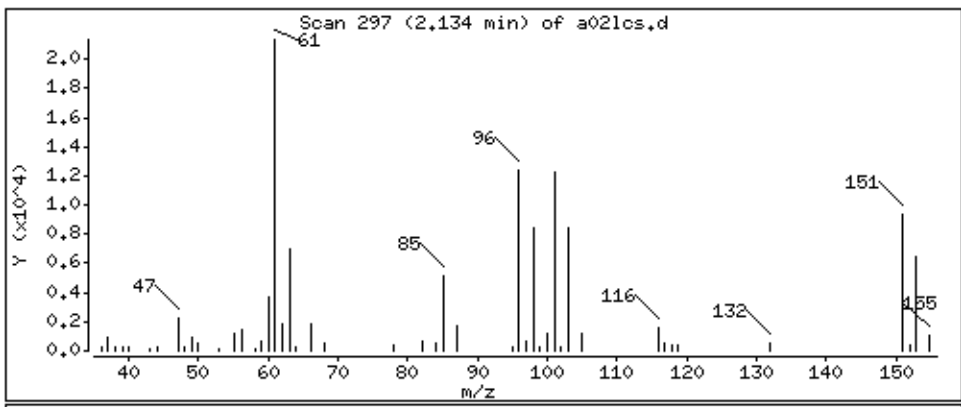
Operator: cap

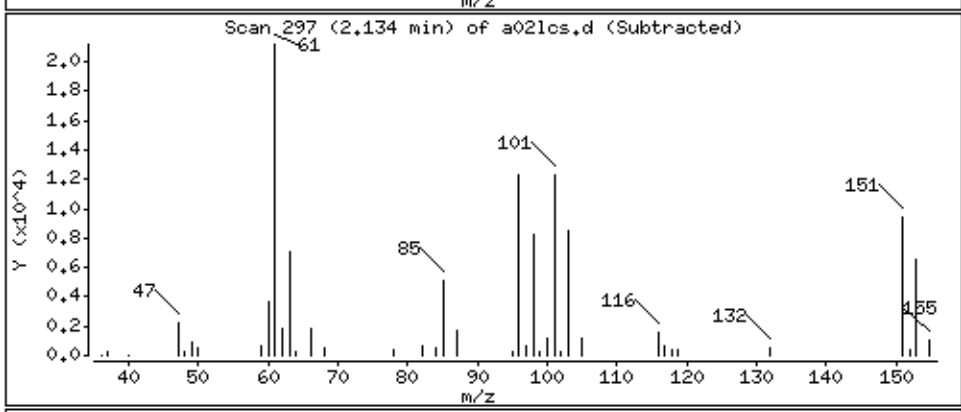
Column phase: DB-624

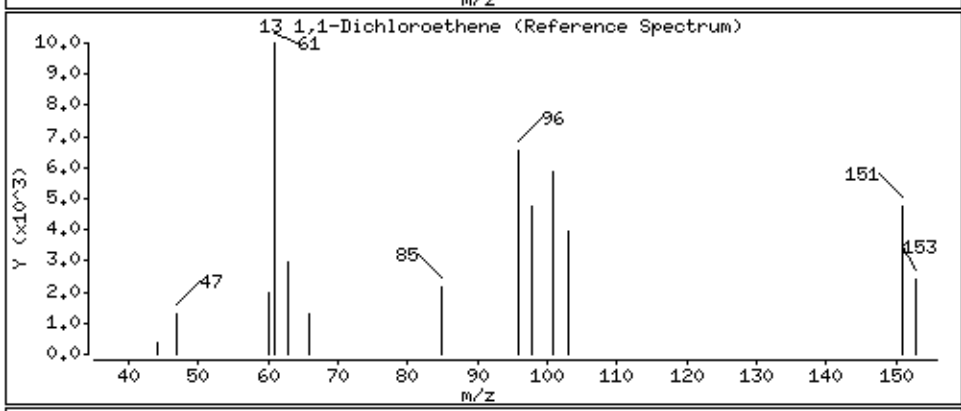
Column diameter: 0.18

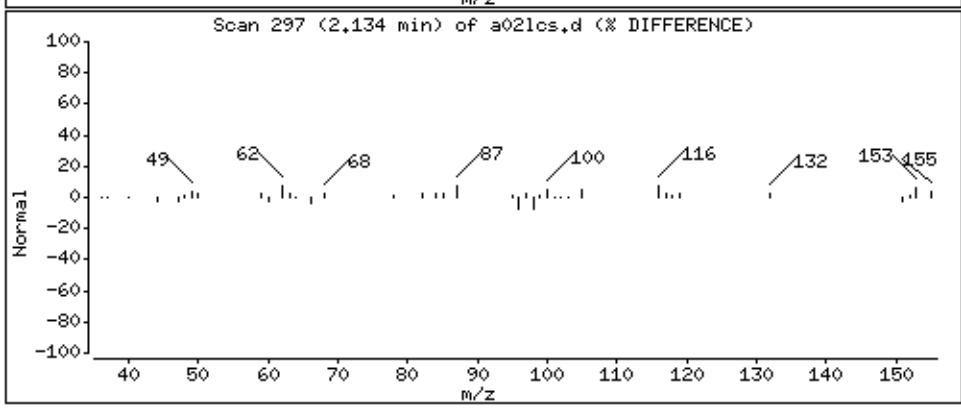
13 1,1-Dichloroethene

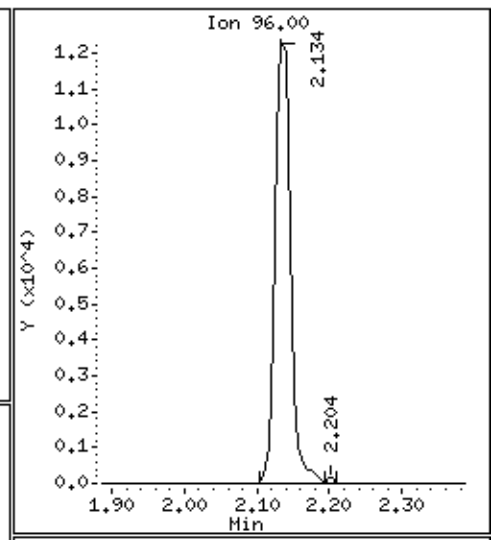
Concentration: 45.7 ppb

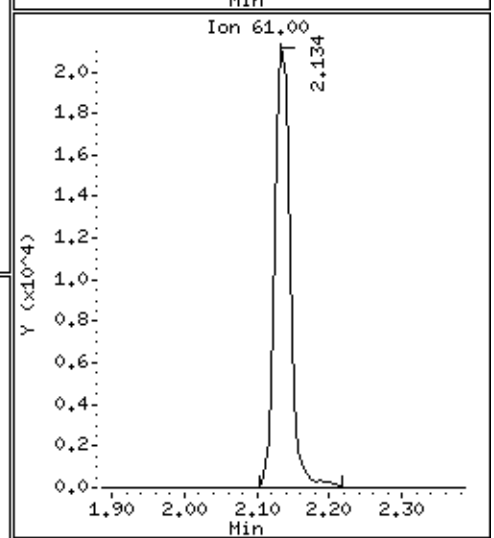


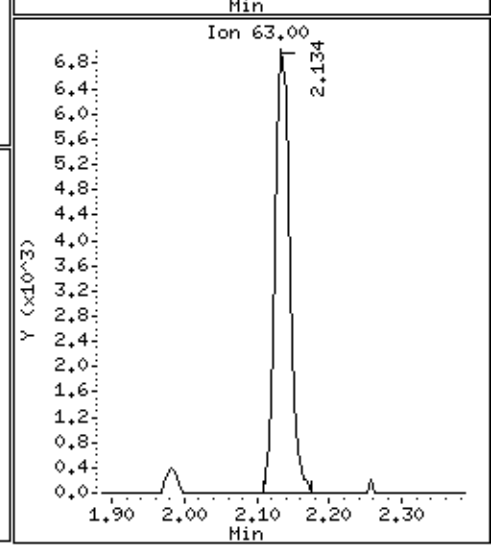












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

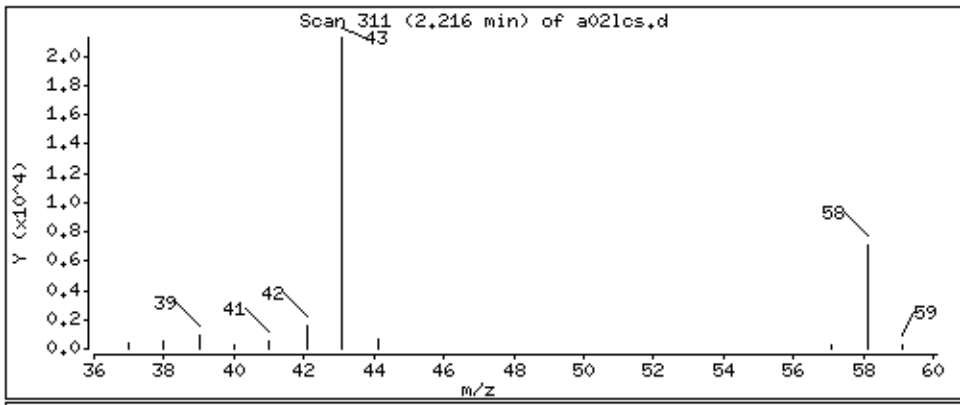
Operator: cap

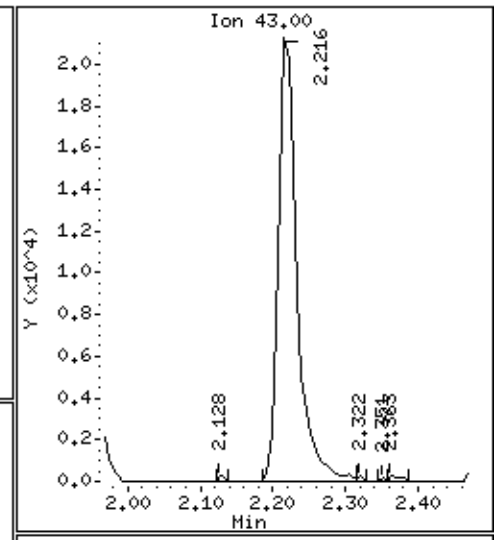
Column phase: DB-624

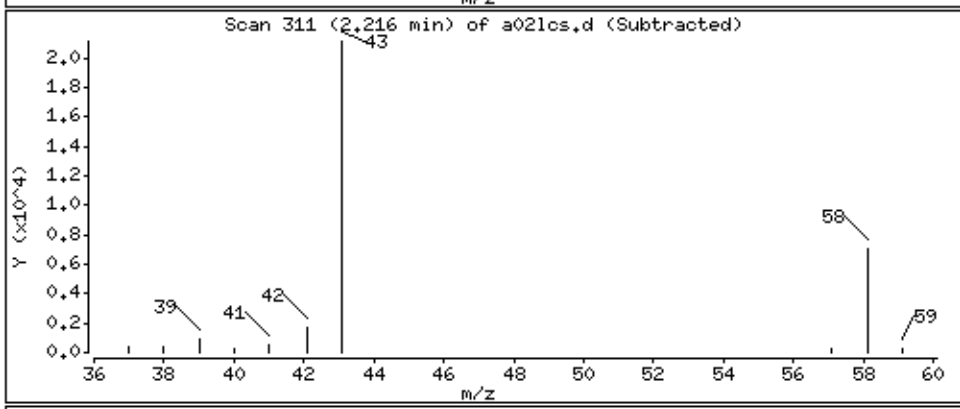
Column diameter: 0.18

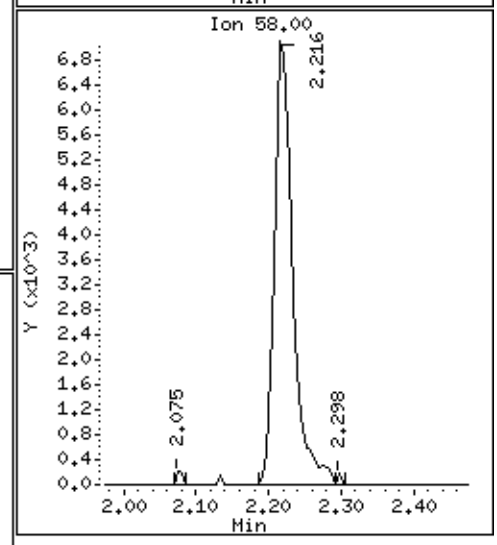
14 Acetone

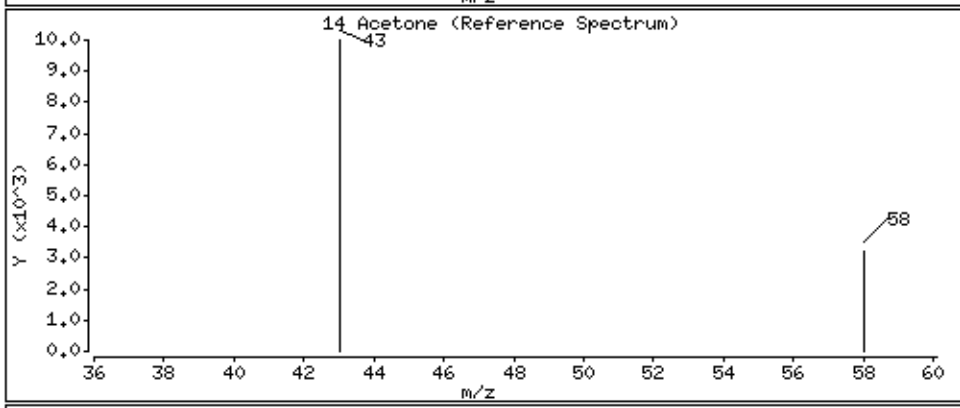
Concentration: 290 ppb

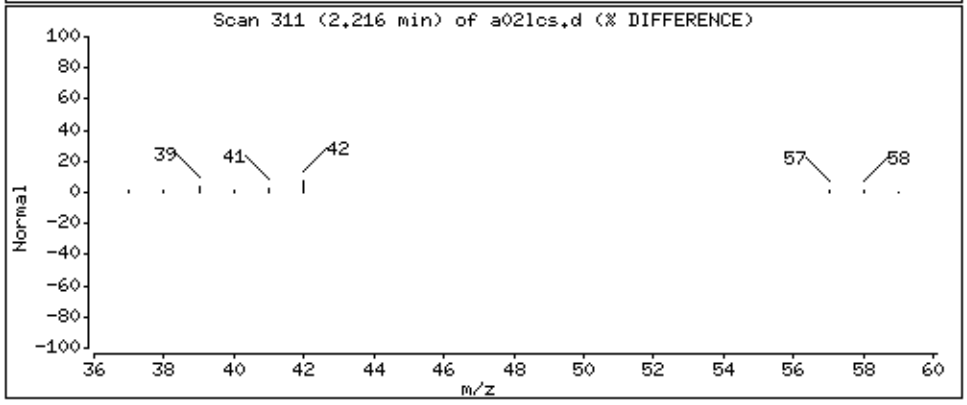












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

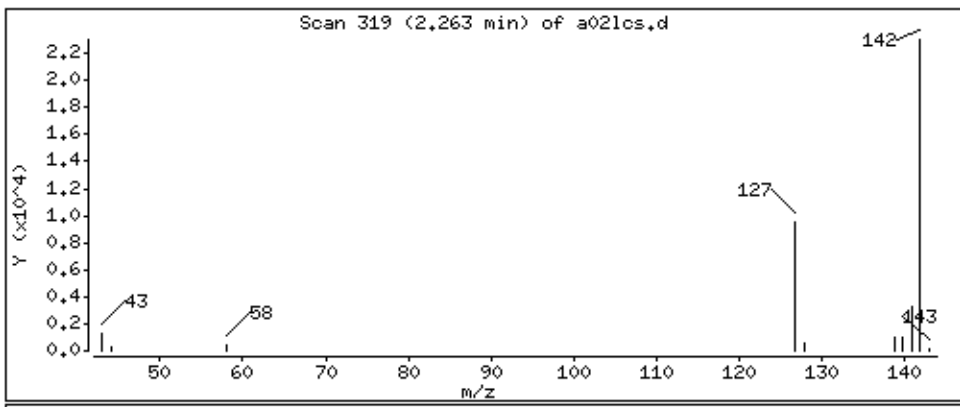
Operator: cap

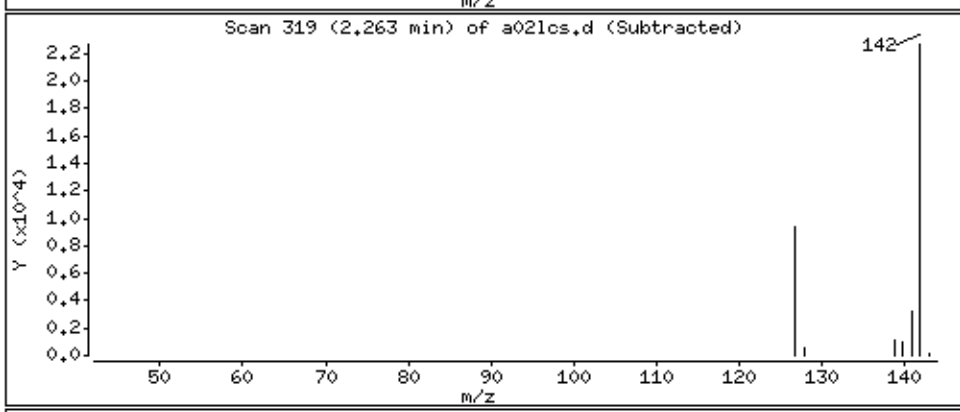
Column phase: DB-624

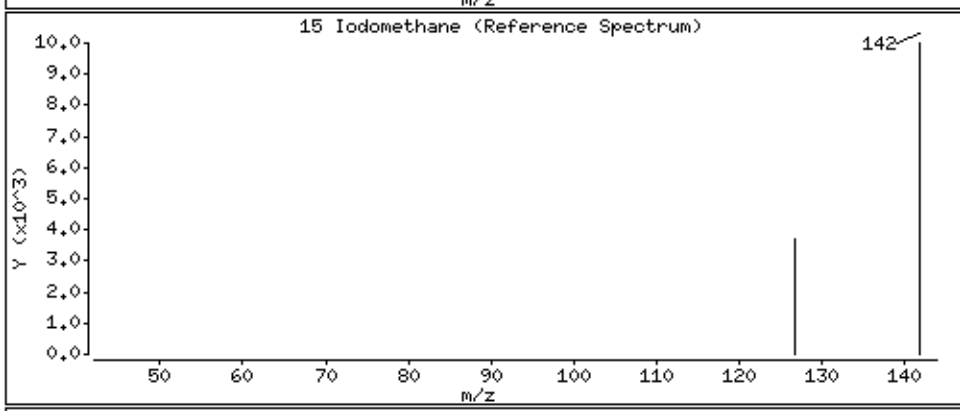
Column diameter: 0.18

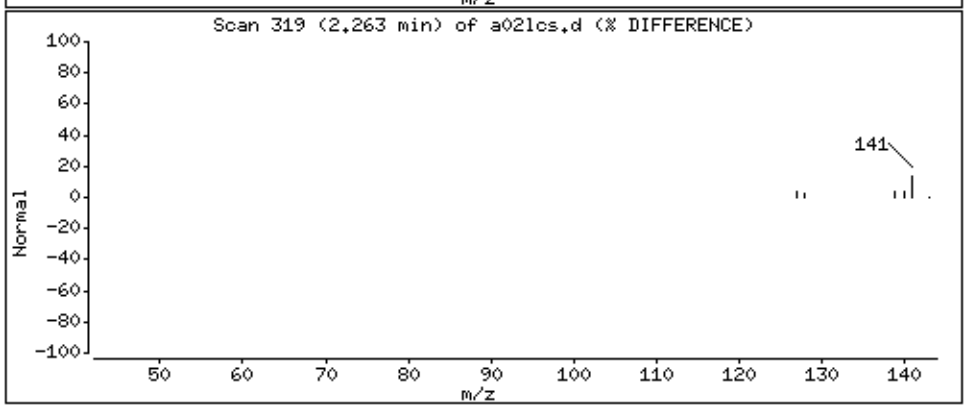
15 Iodomethane

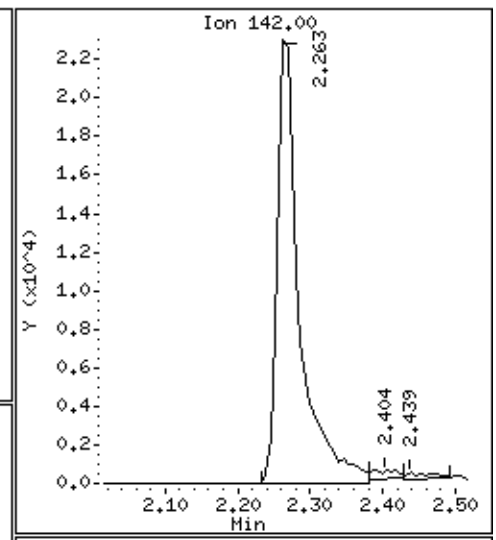
Concentration: 104 ppb

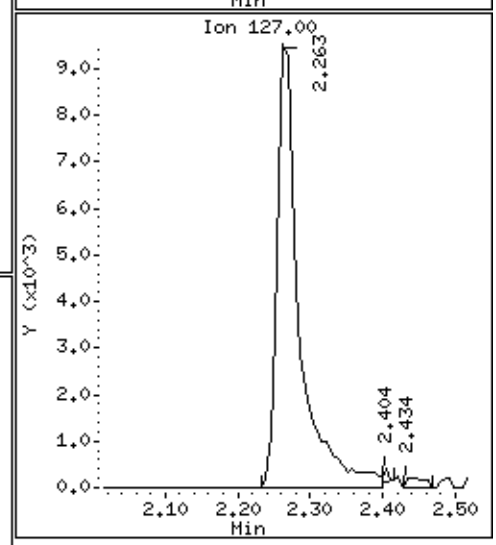












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

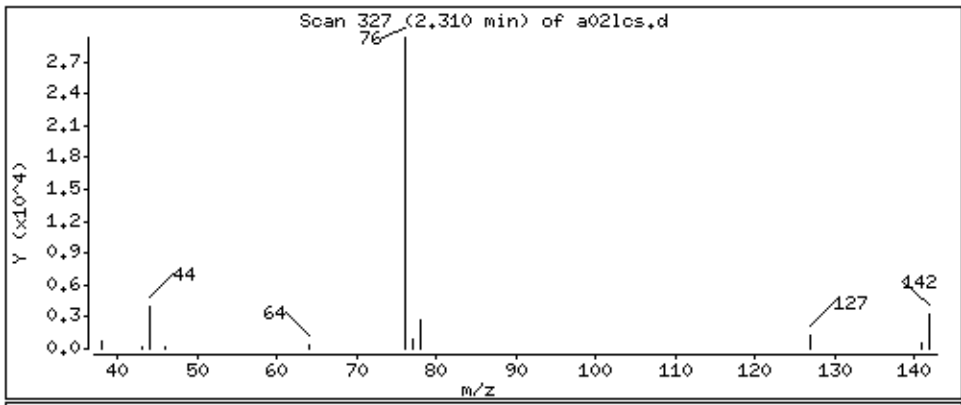
Operator: cap

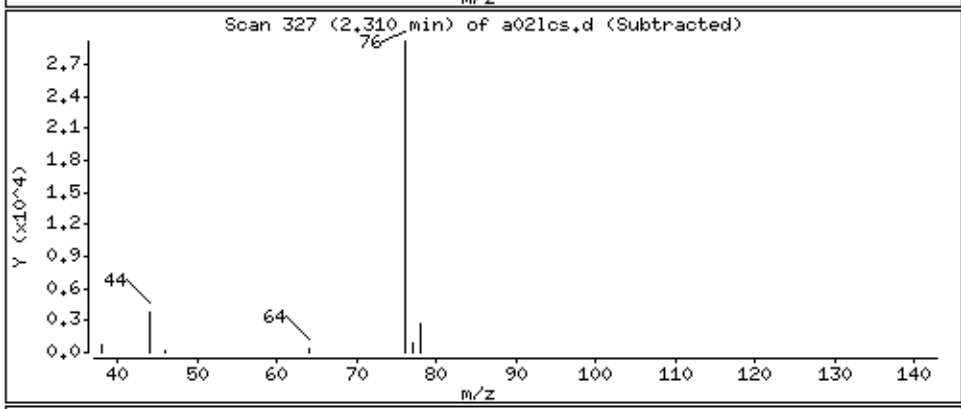
Column phase: DB-624

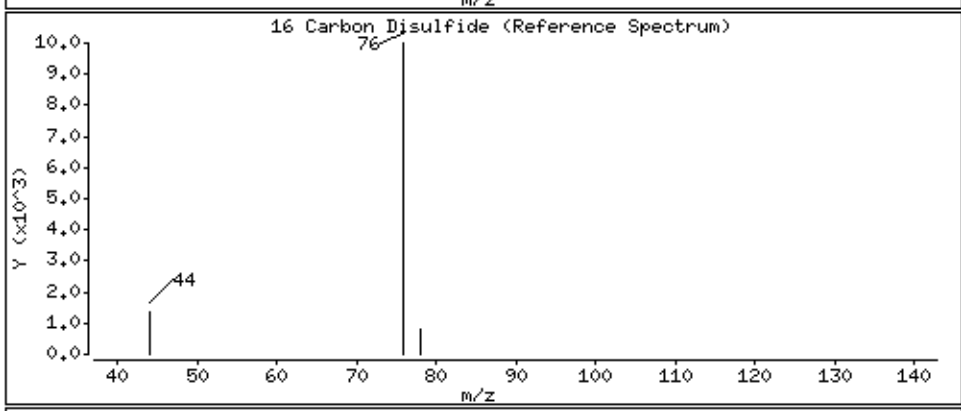
Column diameter: 0.18

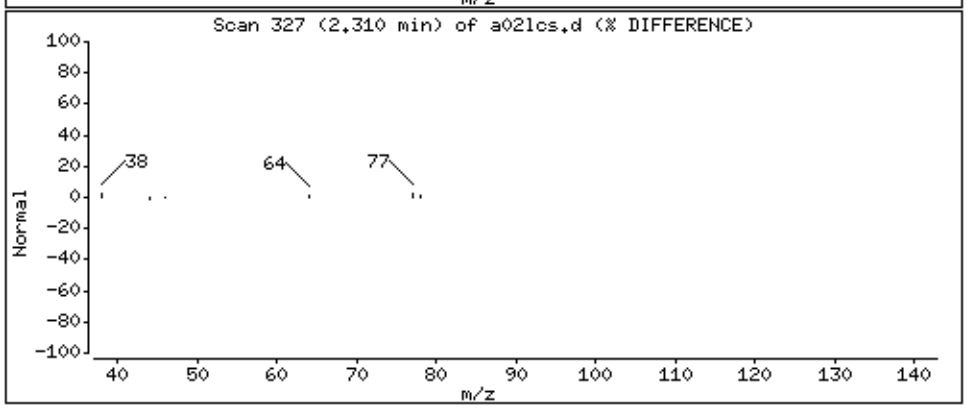
16 Carbon Disulfide

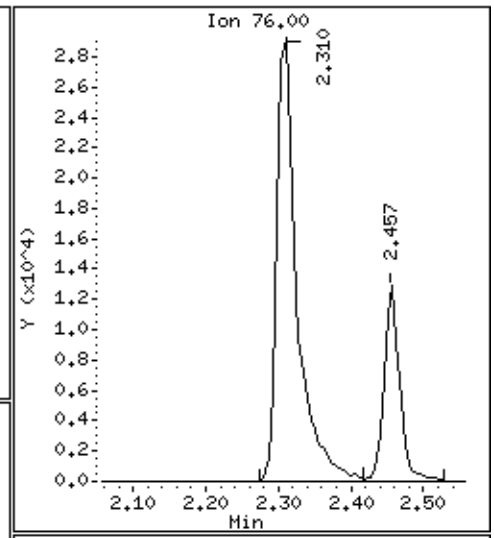
Concentration: 49.3 ppb

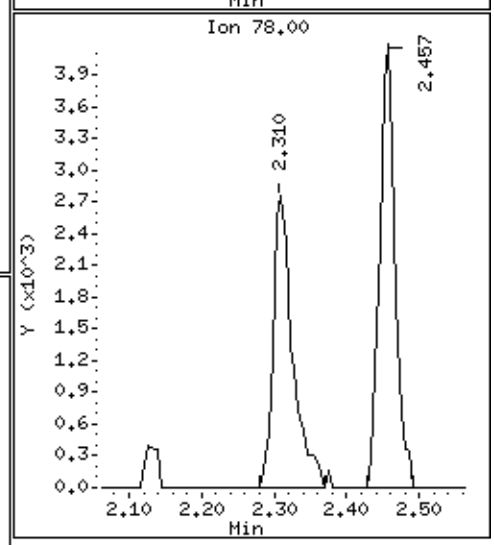












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

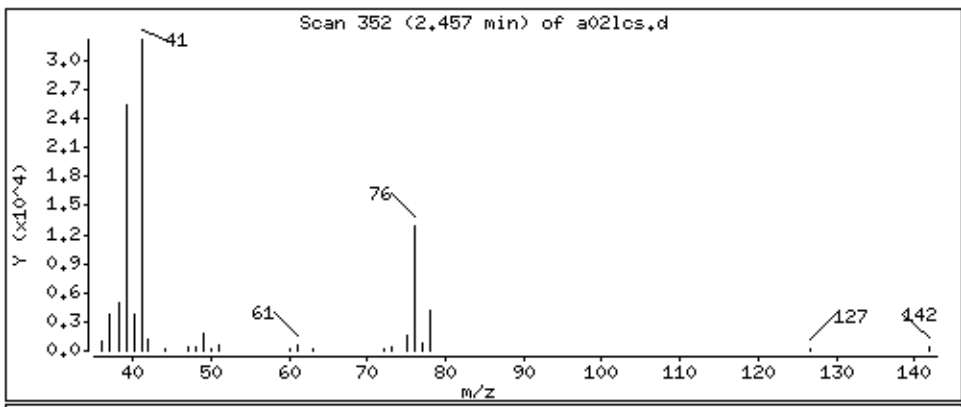
Operator: cap

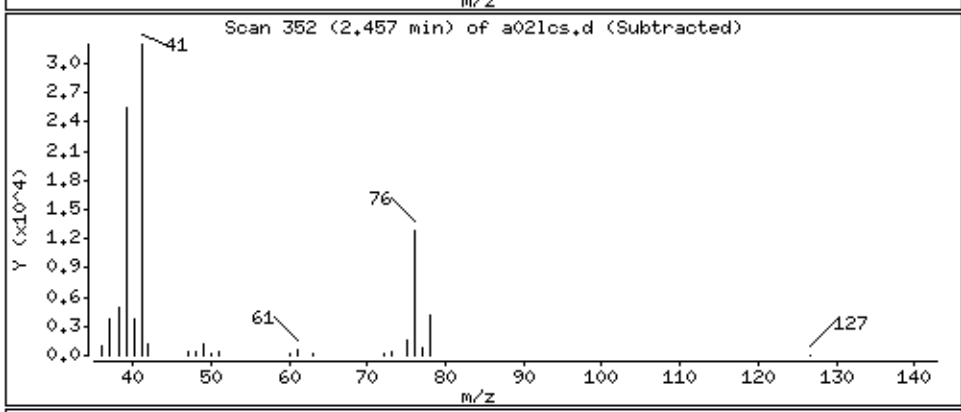
Column phase: DB-624

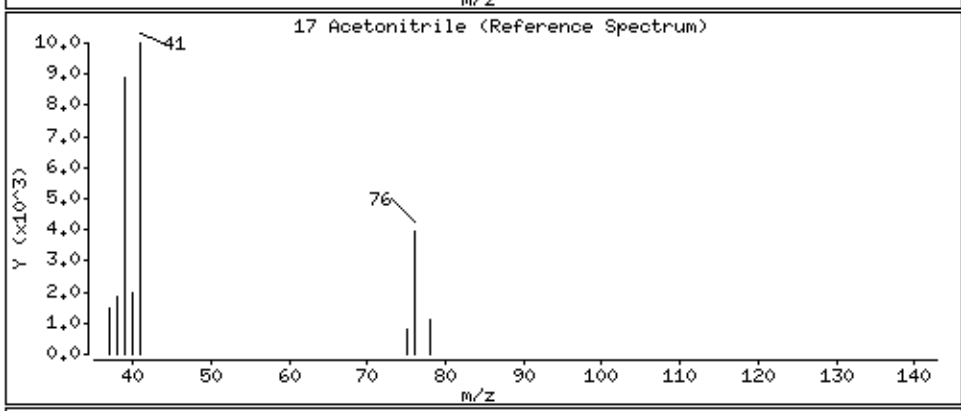
Column diameter: 0.18

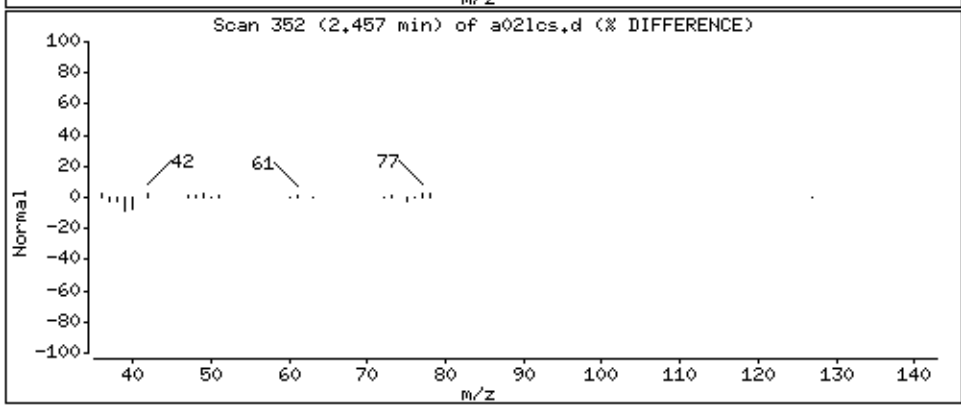
17 Acetonitrile

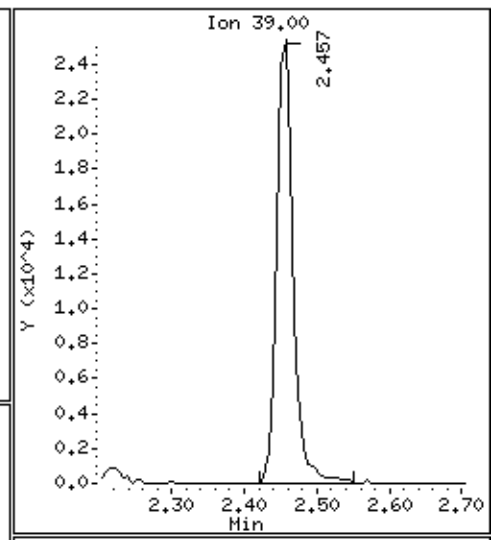
Concentration: 59.6 ppb

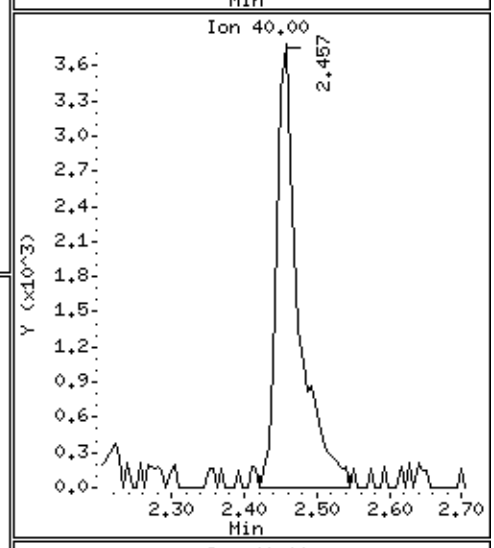


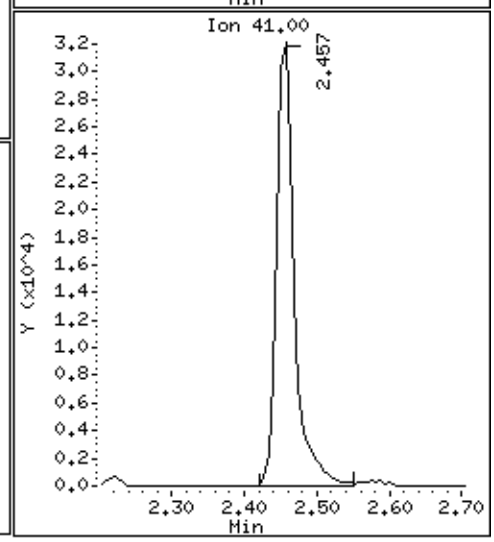












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

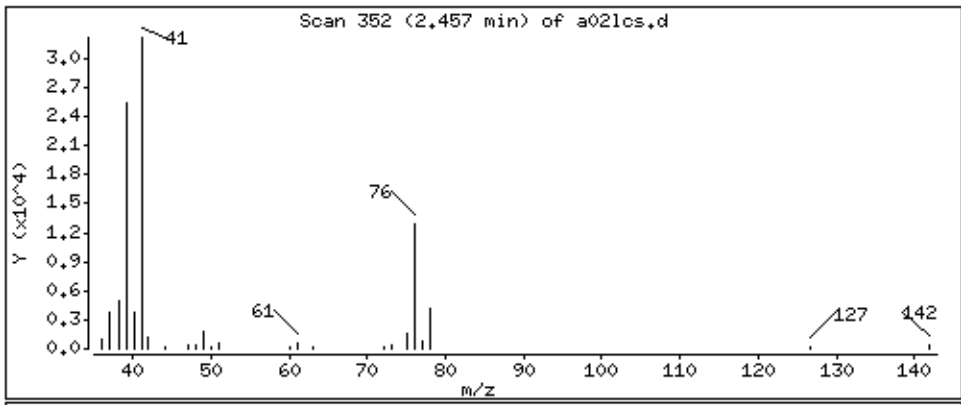
Operator: cap

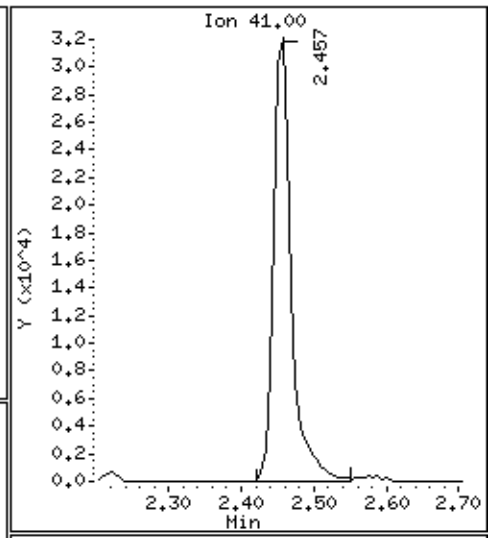
Column phase: DB-624

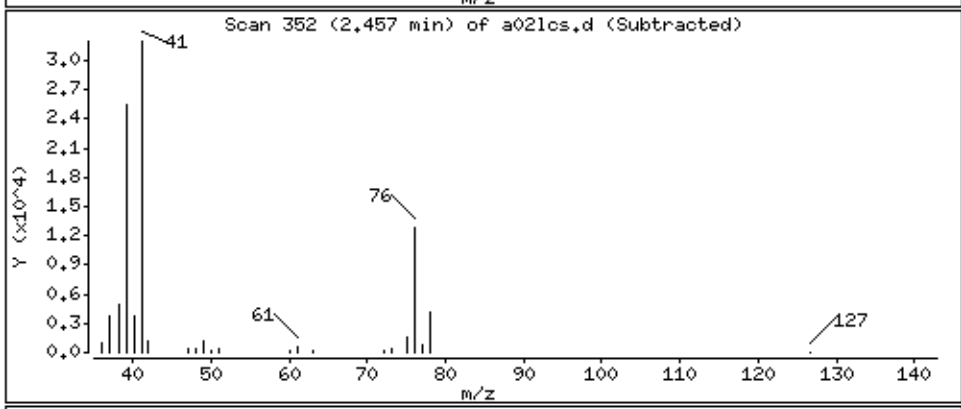
Column diameter: 0.18

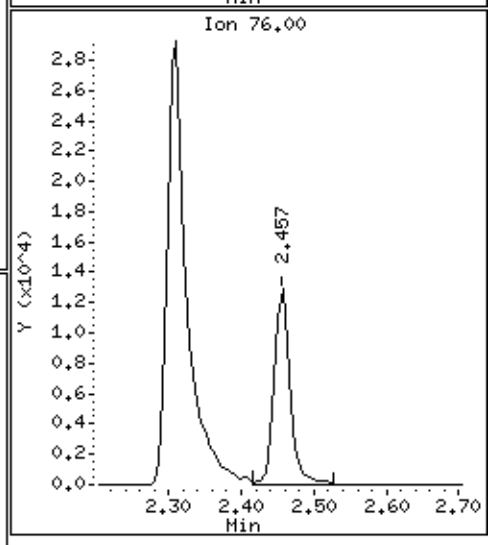
18 allyl chloride

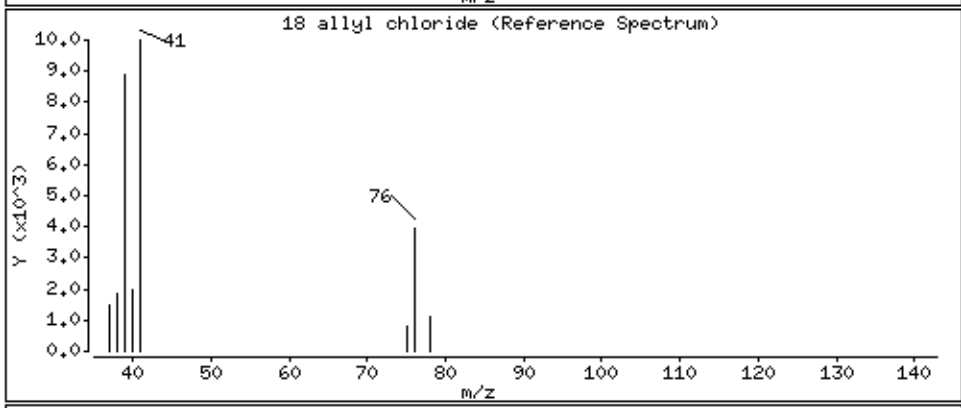
Concentration: 116 ppb

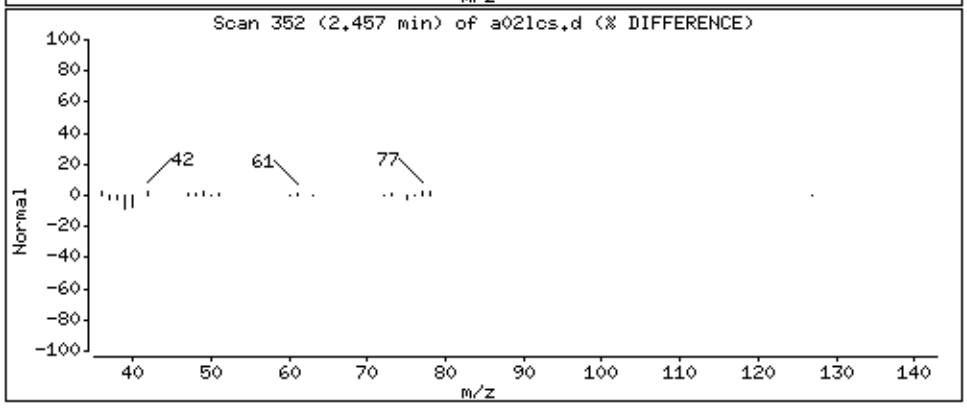












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

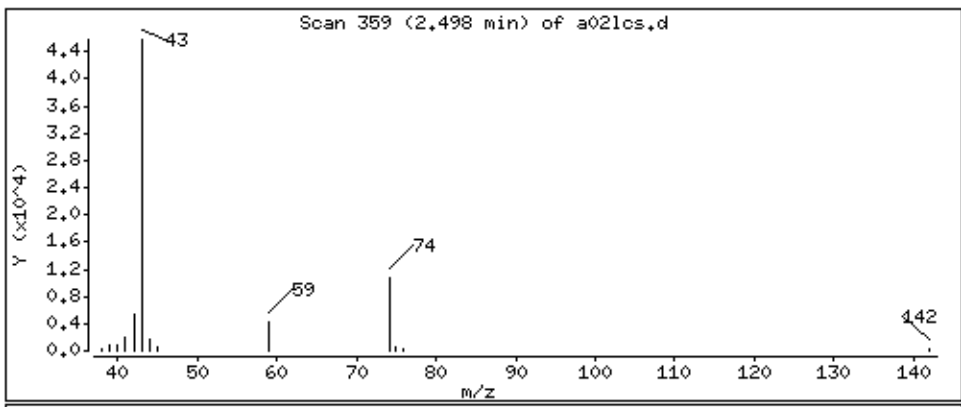
Operator: cap

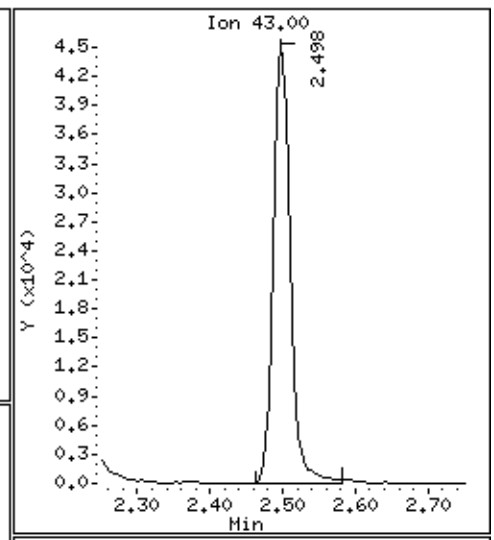
Column phase: DB-624

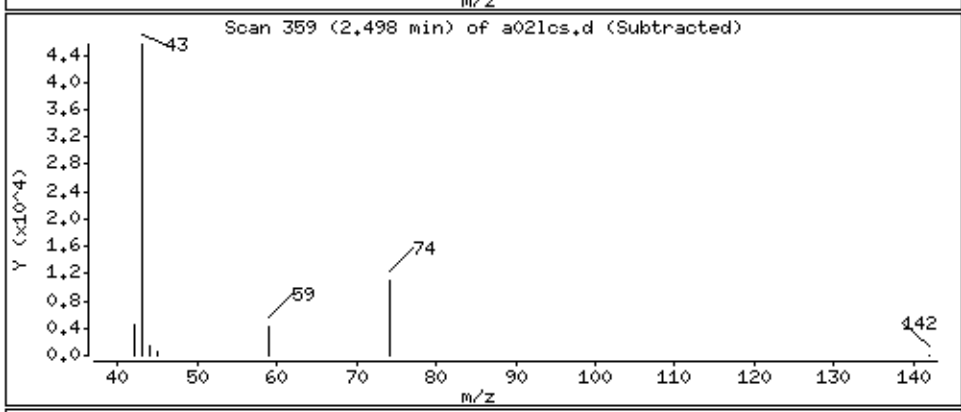
Column diameter: 0.18

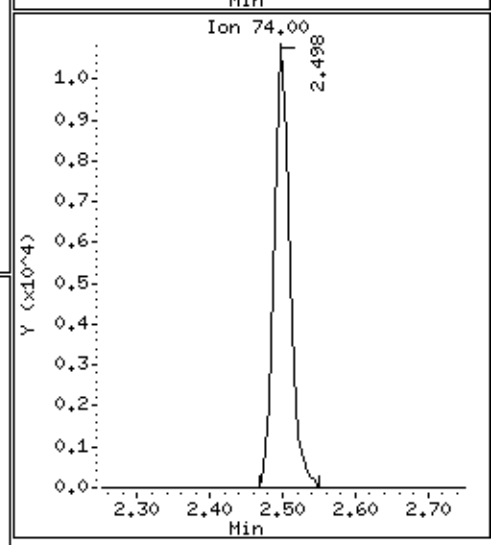
19 Methyl Acetate

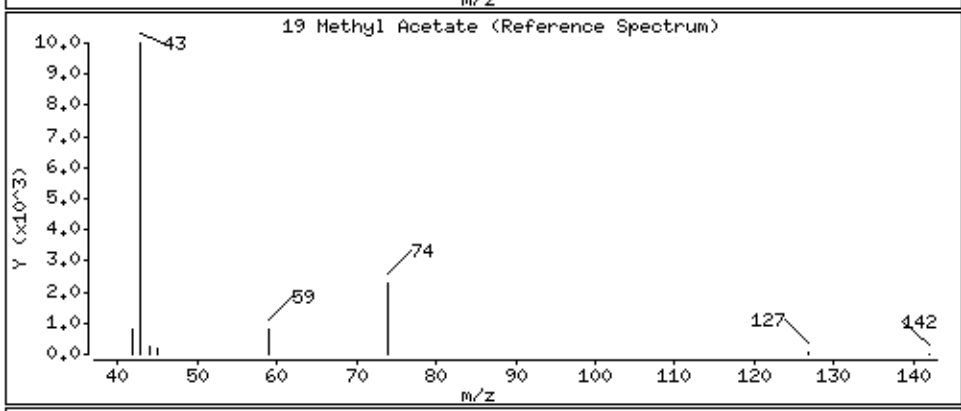
Concentration: 162 ppb

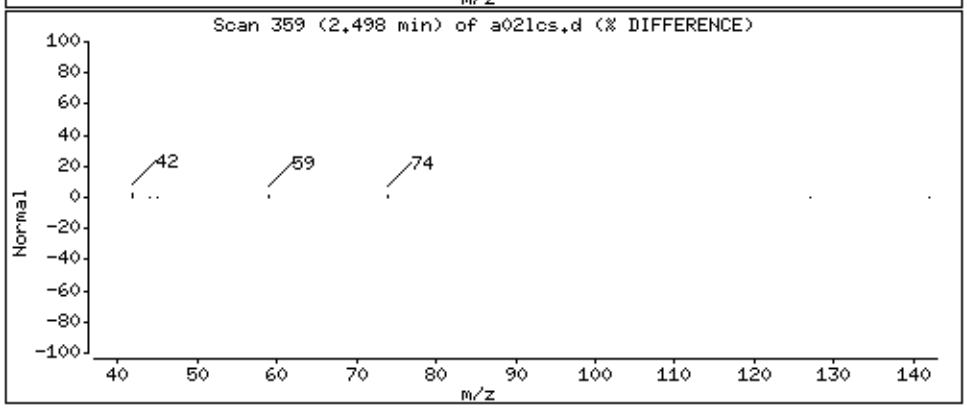












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

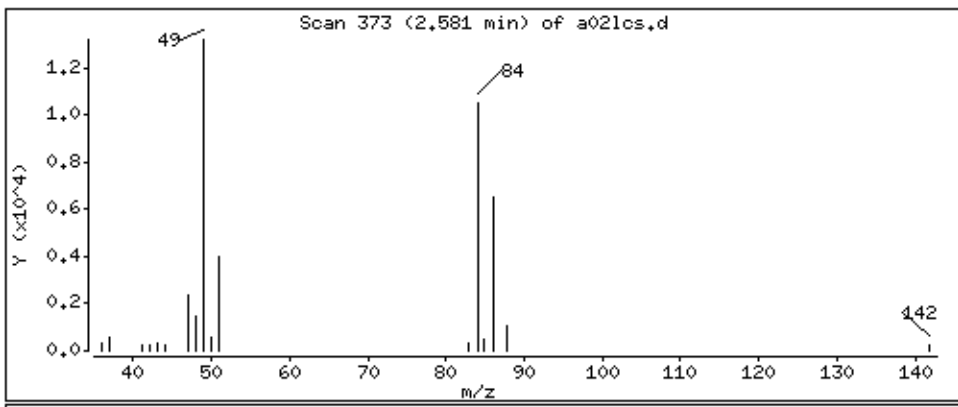
Operator: cap

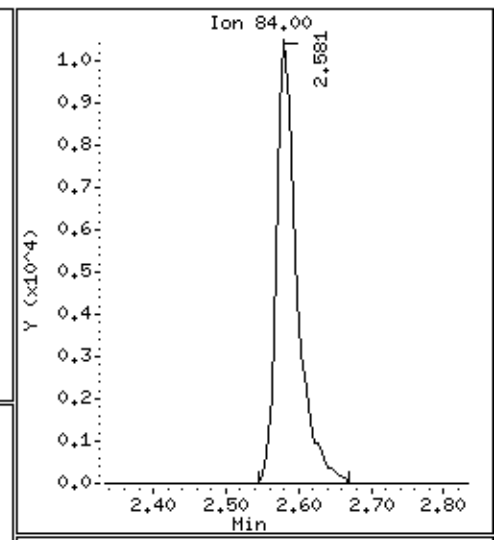
Column phase: DB-624

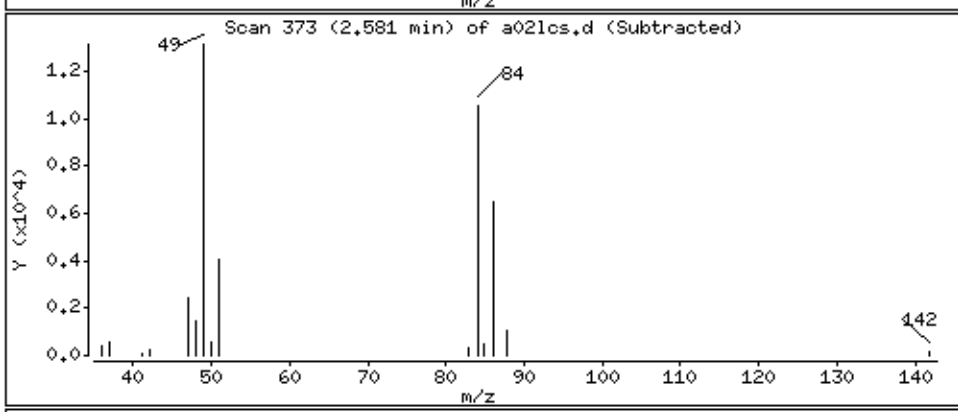
Column diameter: 0.18

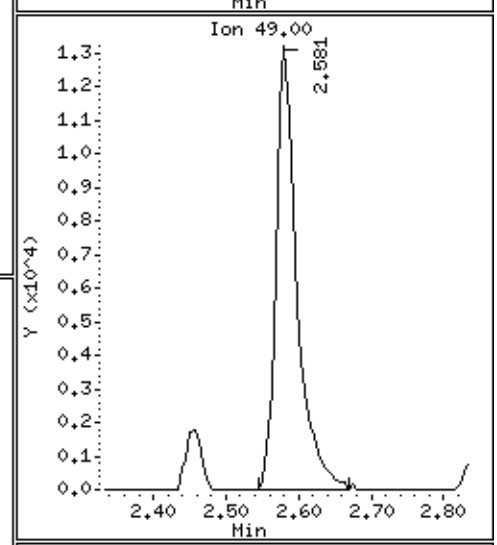
20 Methylene Chloride

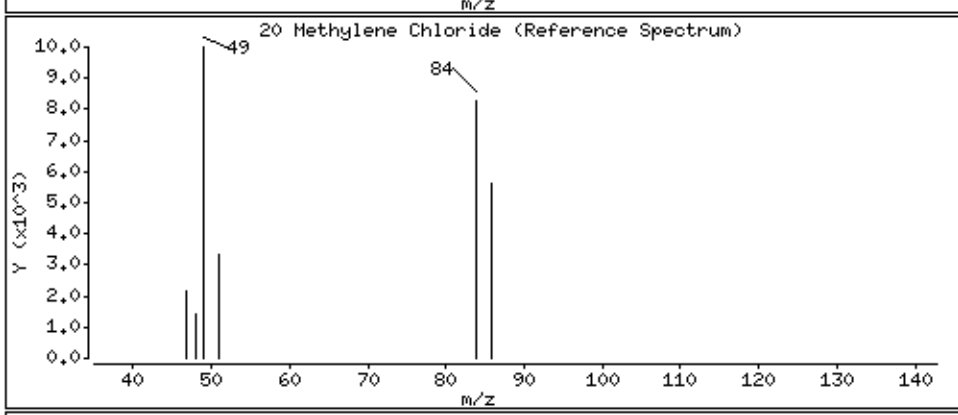
Concentration: 44.5 ppb

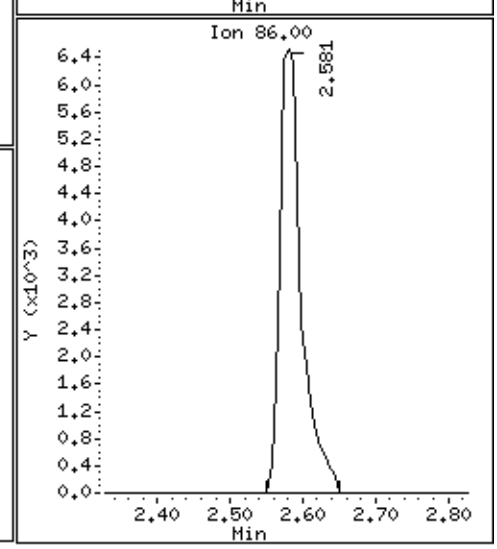


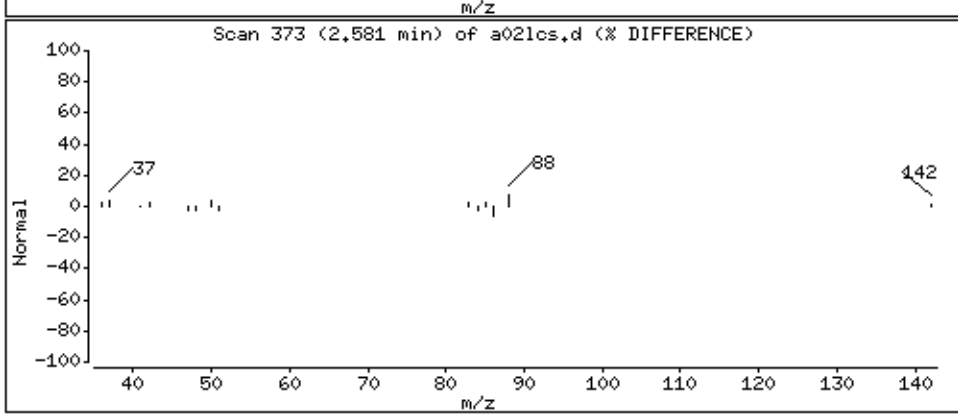












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

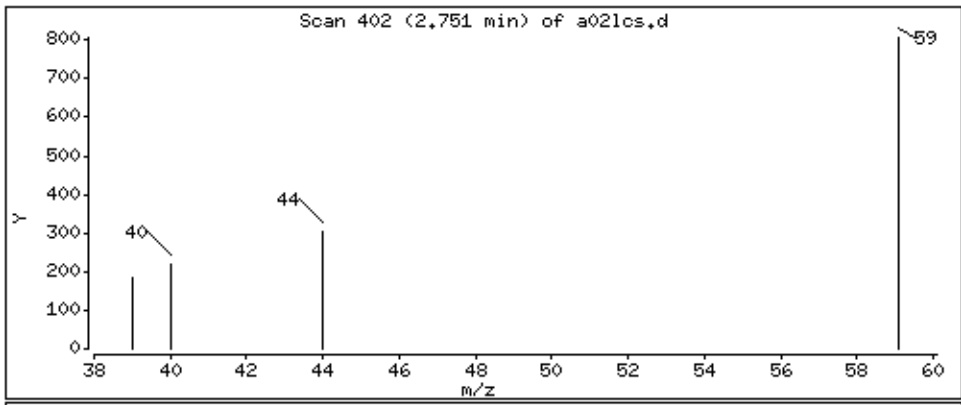
Operator: cap

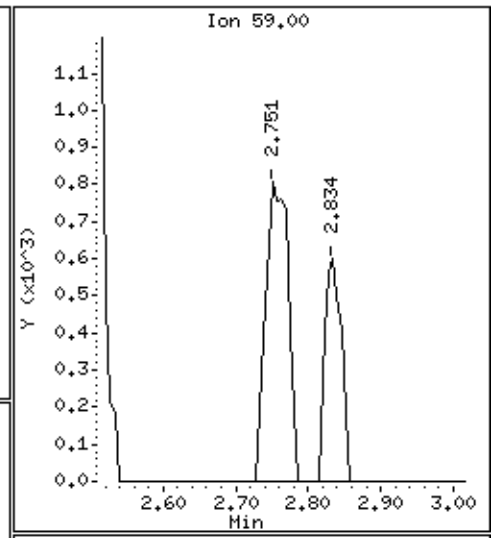
Column phase: DB-624

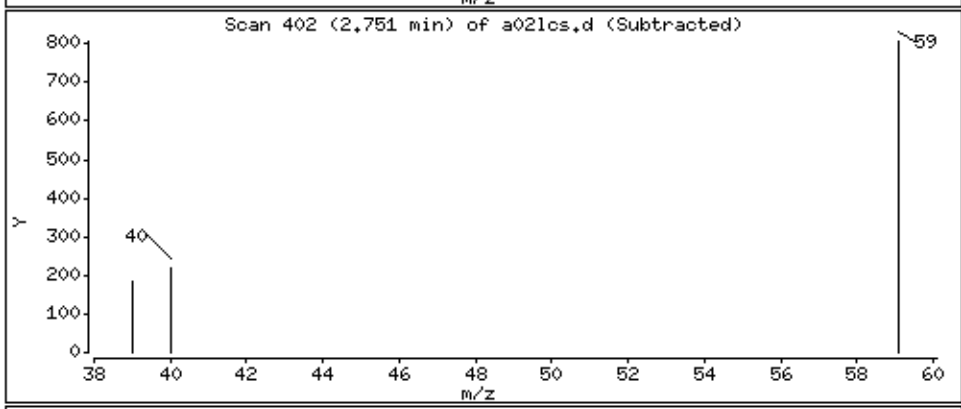
Column diameter: 0.18

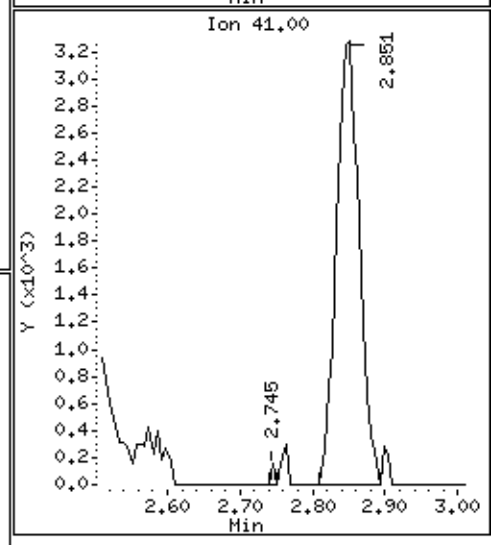
21 tert-Butyl Alcohol

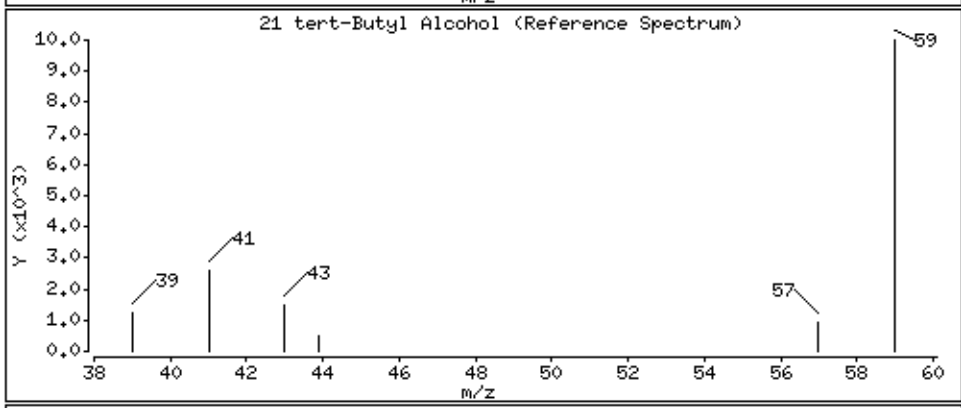
Concentration: 57.8 ppb

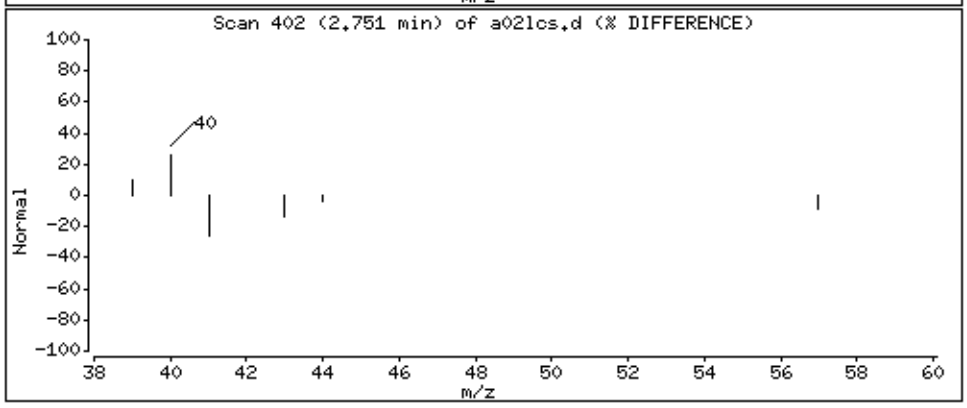












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

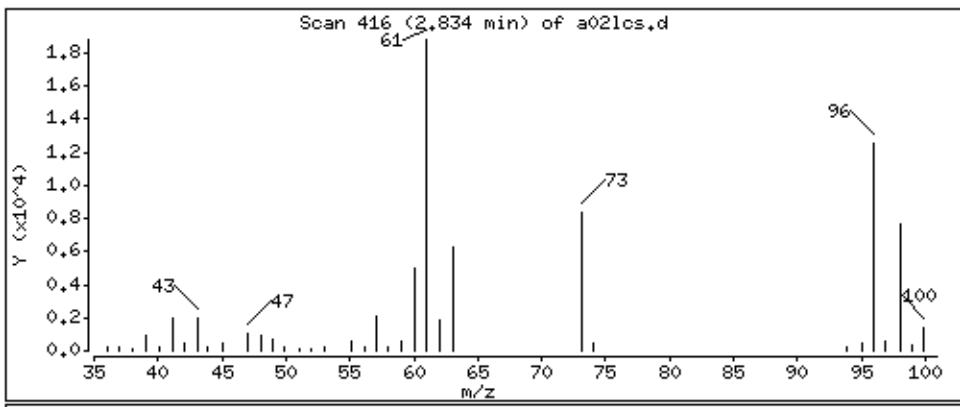
Operator: cap

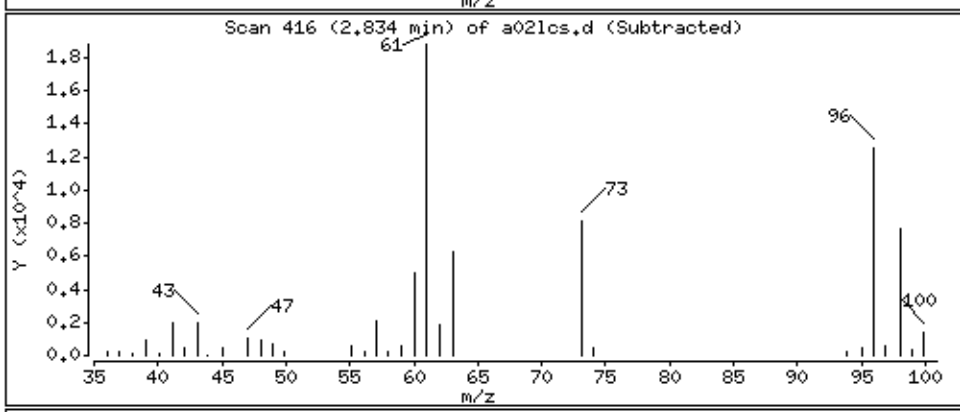
Column phase: DB-624

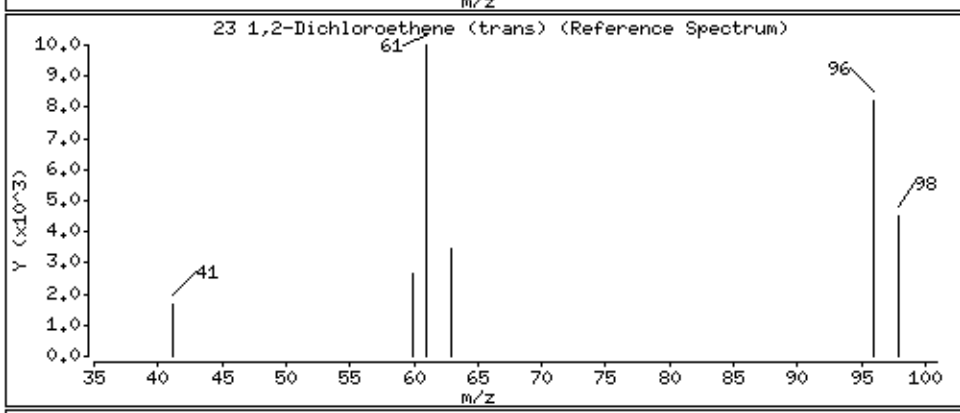
Column diameter: 0.18

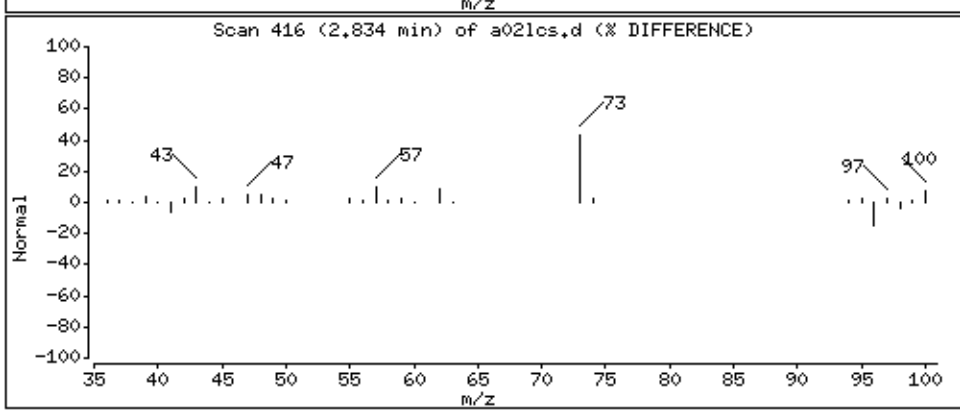
23 1,2-Dichloroethene (trans)

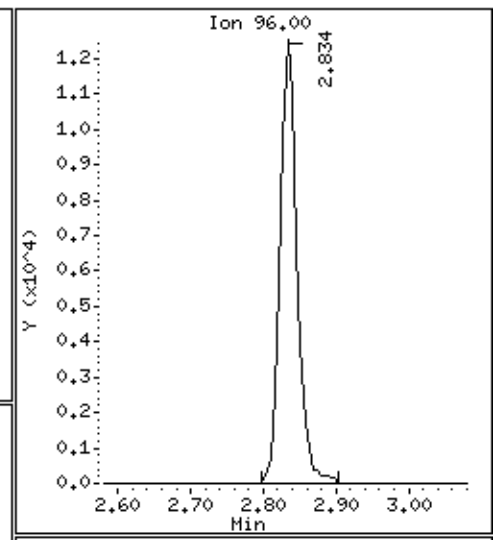
Concentration: 48.7 ppb

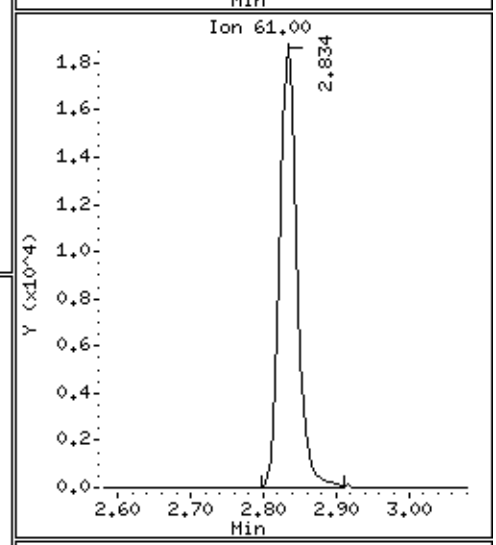


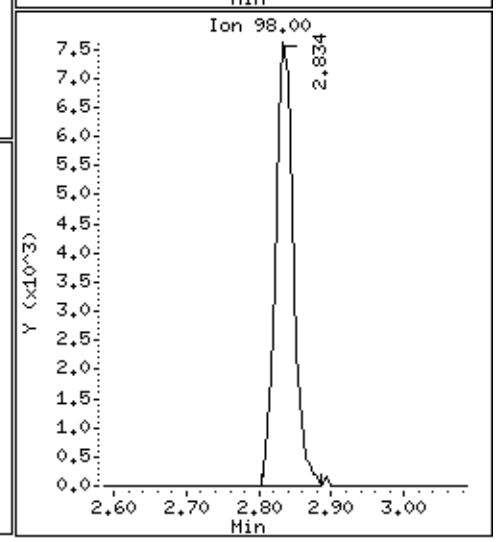












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

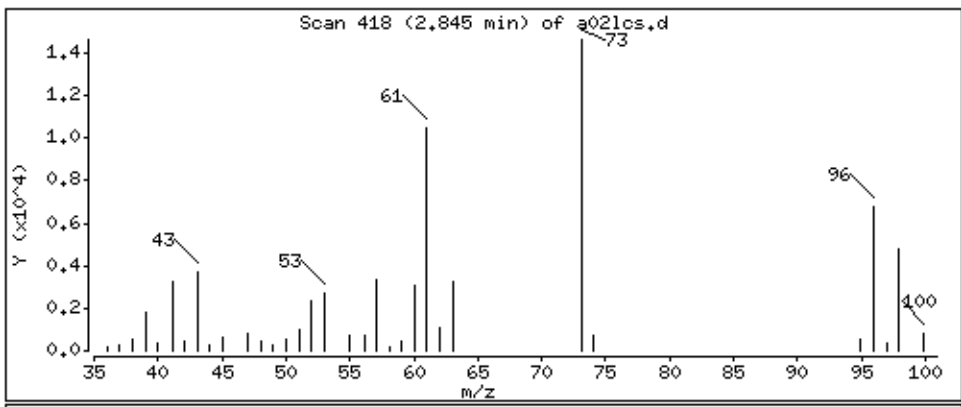
Operator: cap

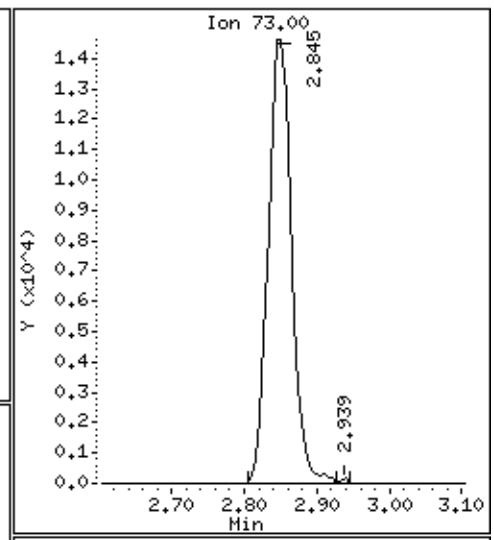
Column phase: DB-624

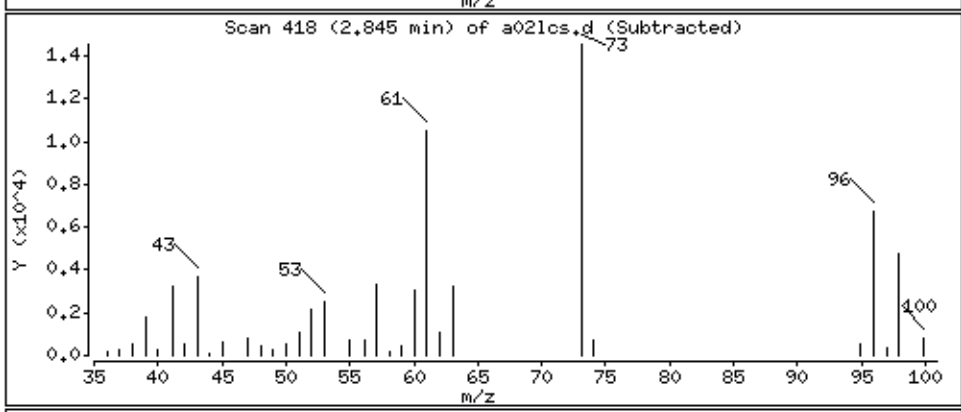
Column diameter: 0.18

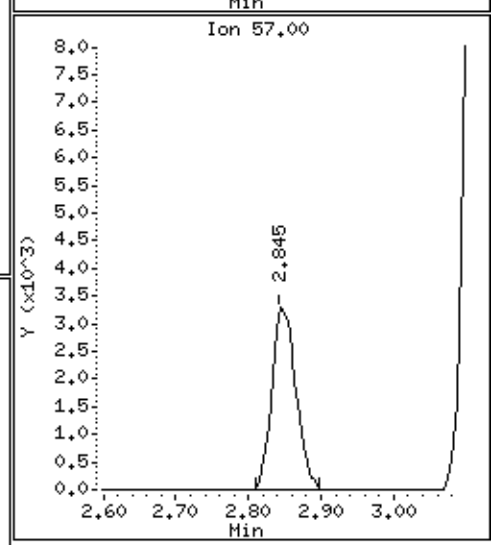
24 Methyl-tert-butyl ether

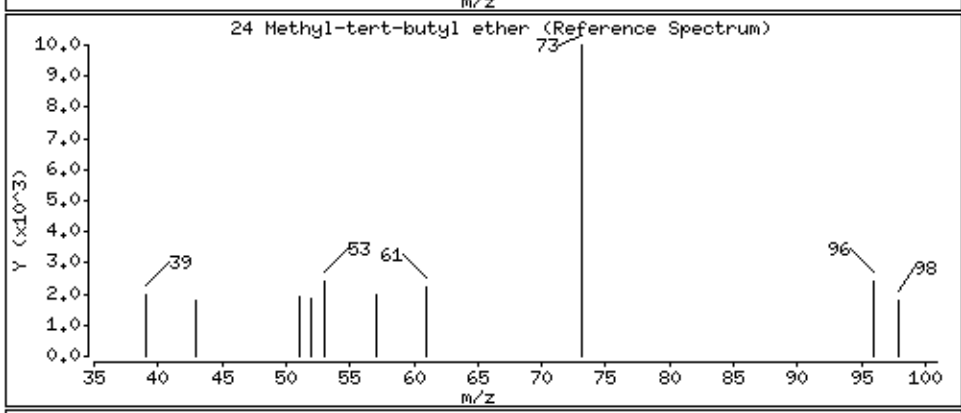
Concentration: 41.5 ppb

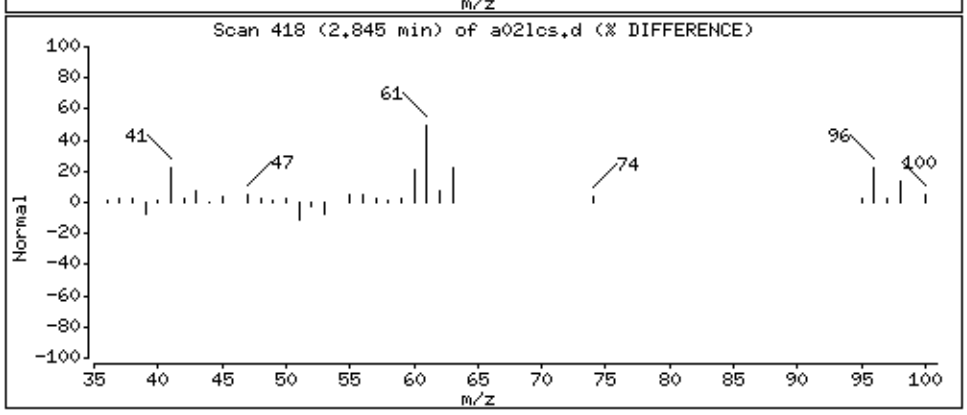












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

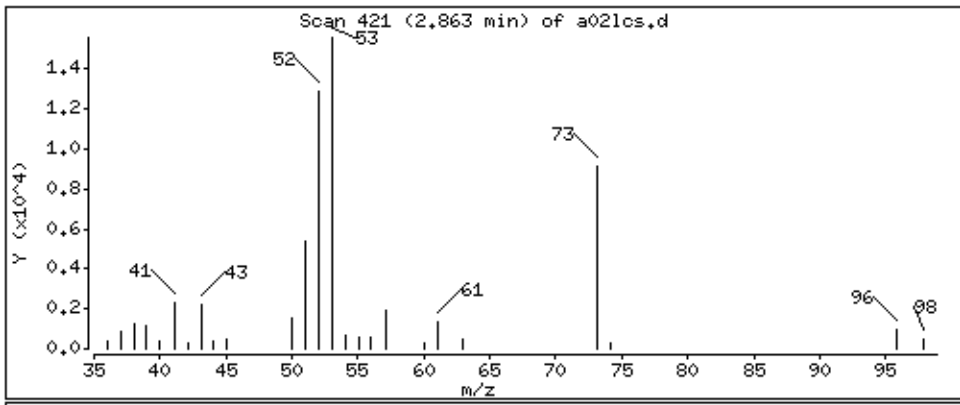
Operator: cap

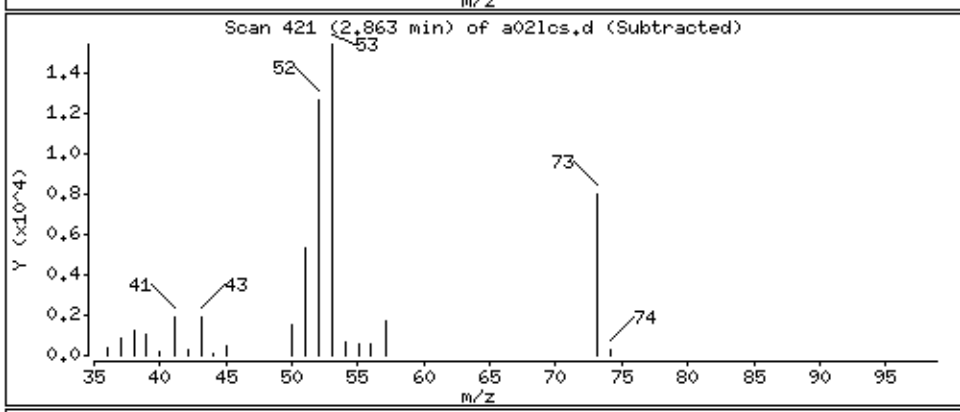
Column phase: DB-624

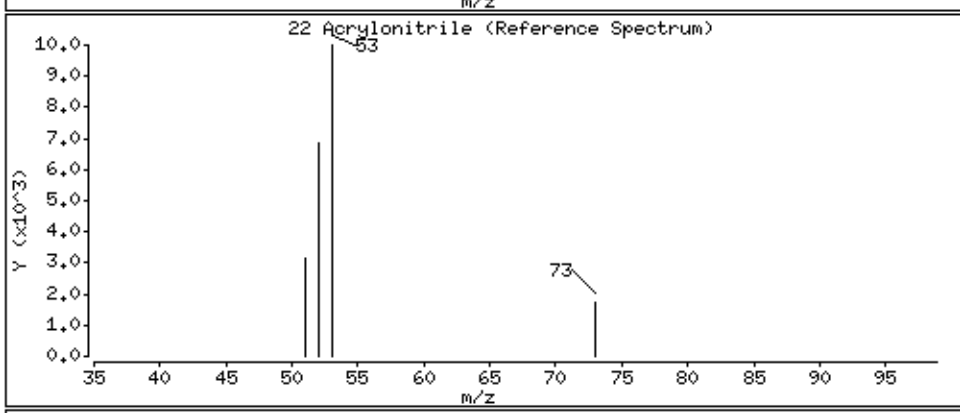
Column diameter: 0.18

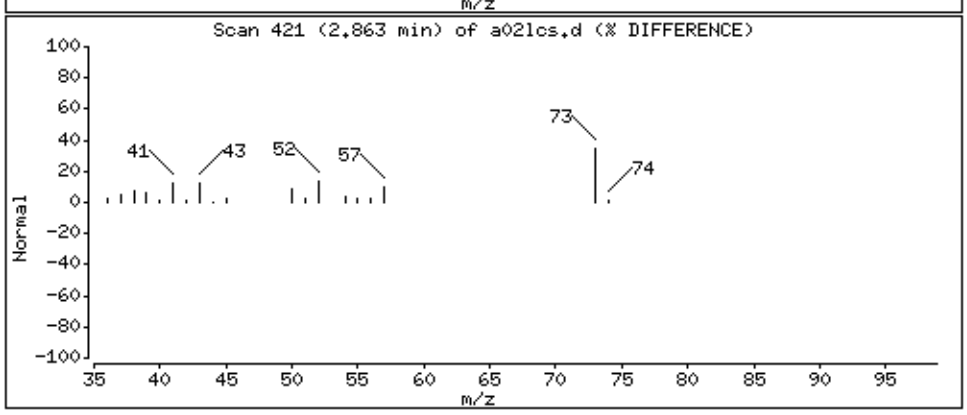
22 Acrylonitrile

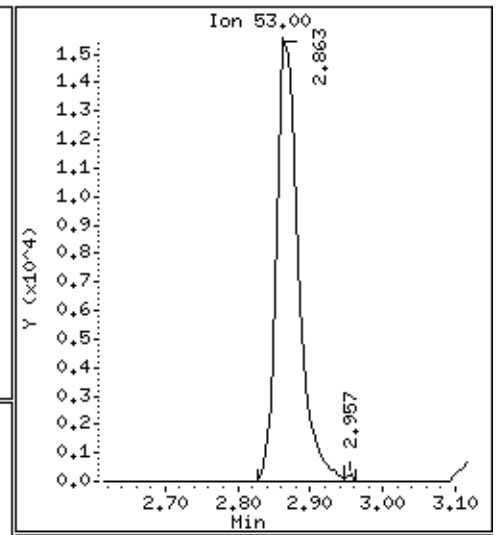
Concentration: 194 ppb

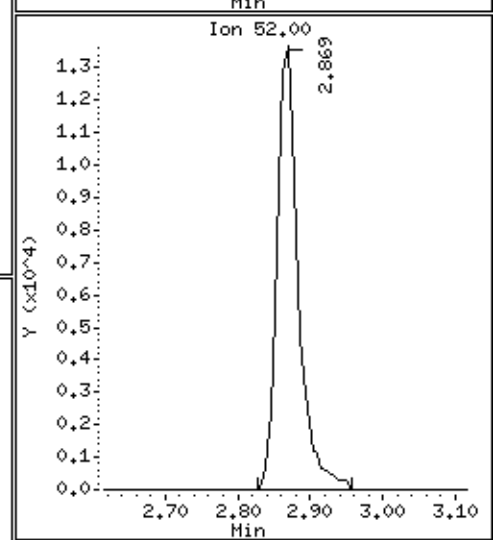












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

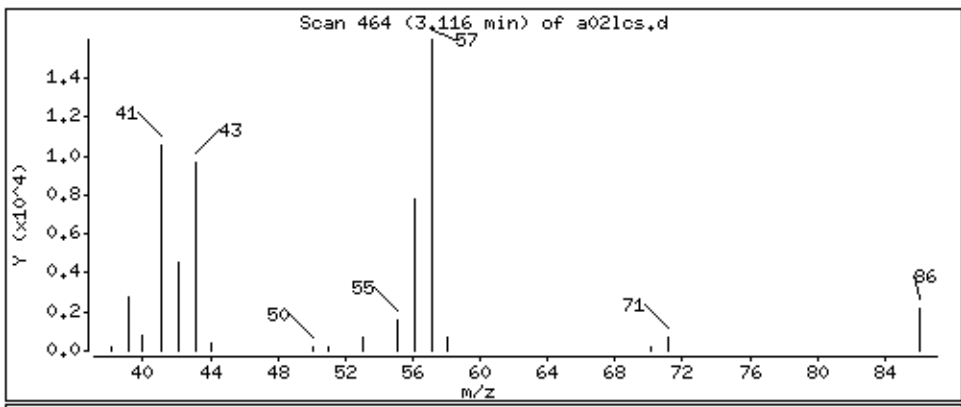
Operator: cap

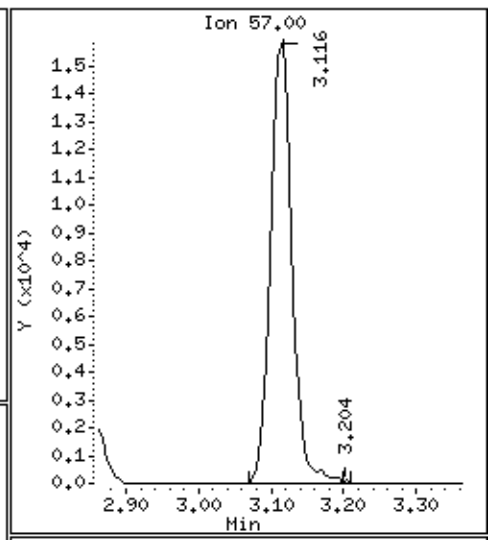
Column phase: DB-624

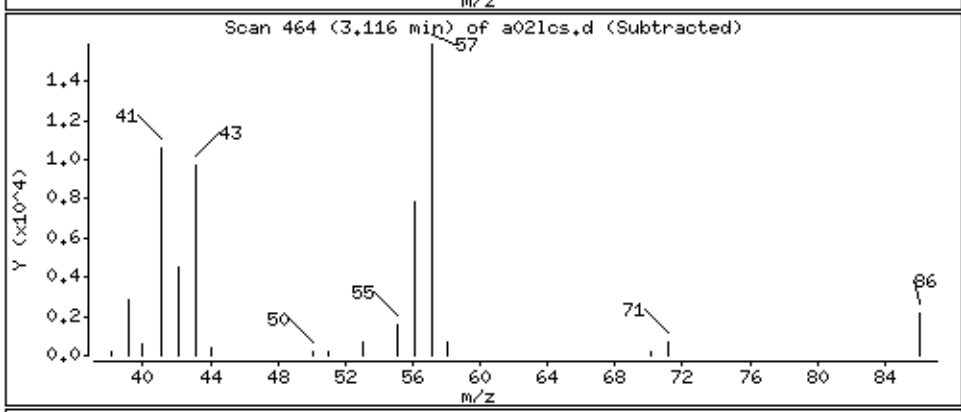
Column diameter: 0.18

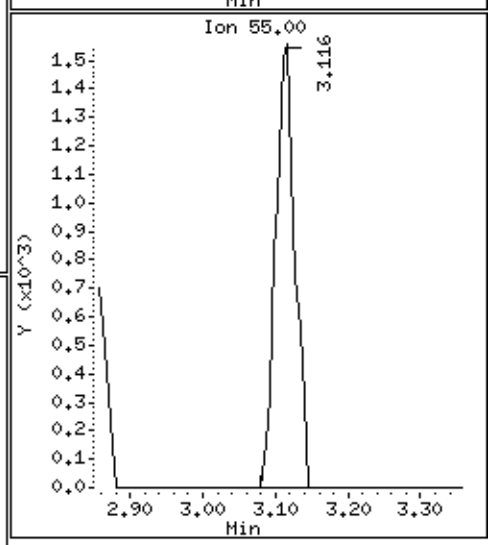
25 n-Hexane

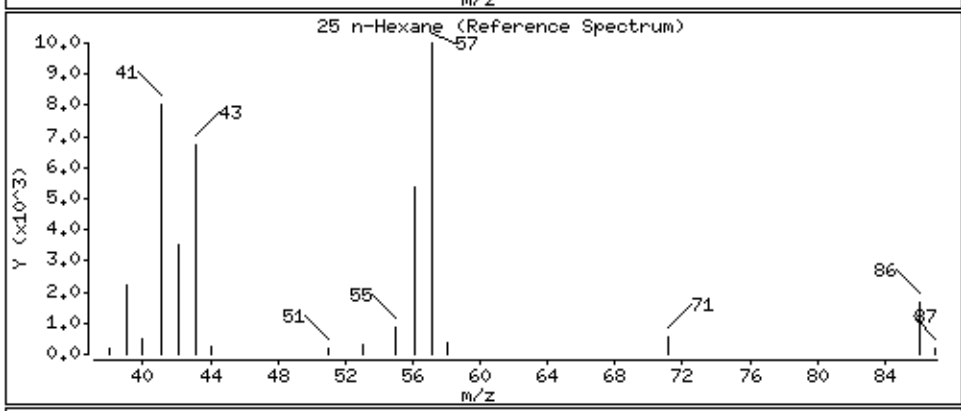
Concentration: 53.0 ppb

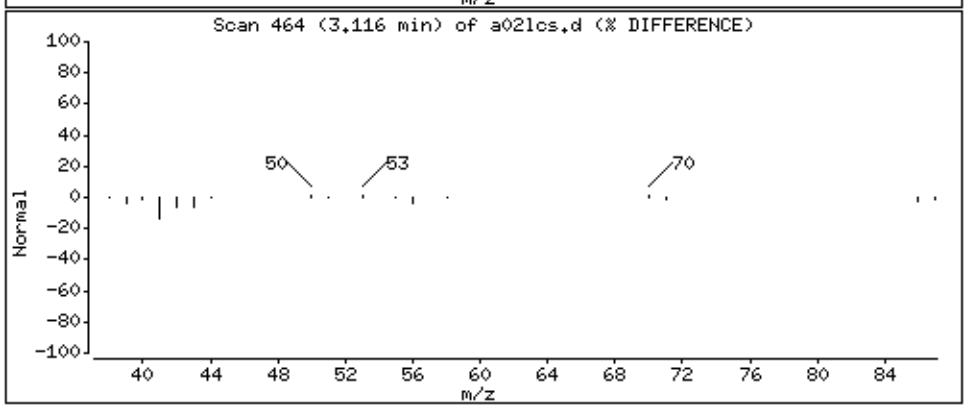












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

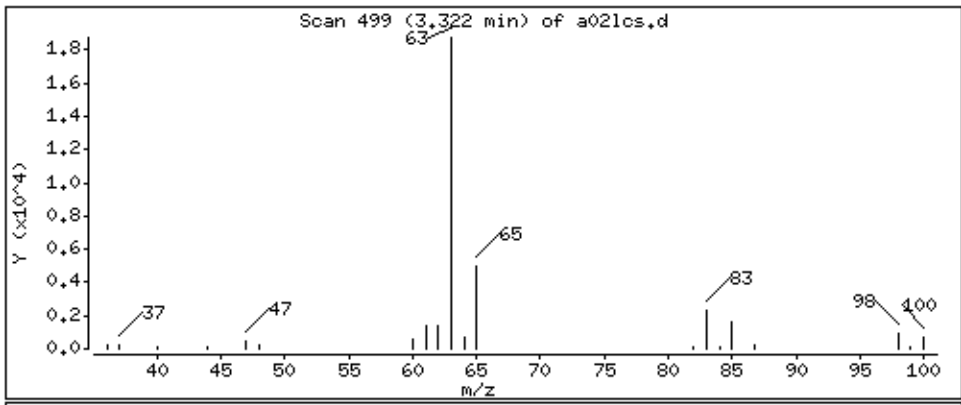
Operator: cap

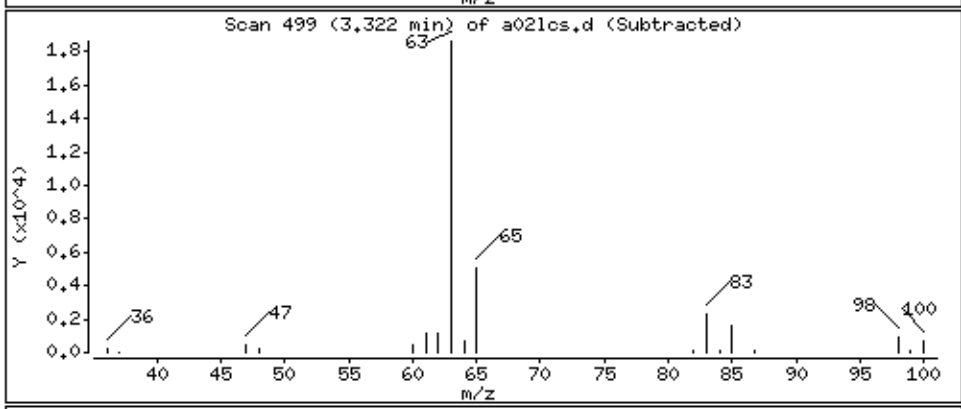
Column phase: DB-624

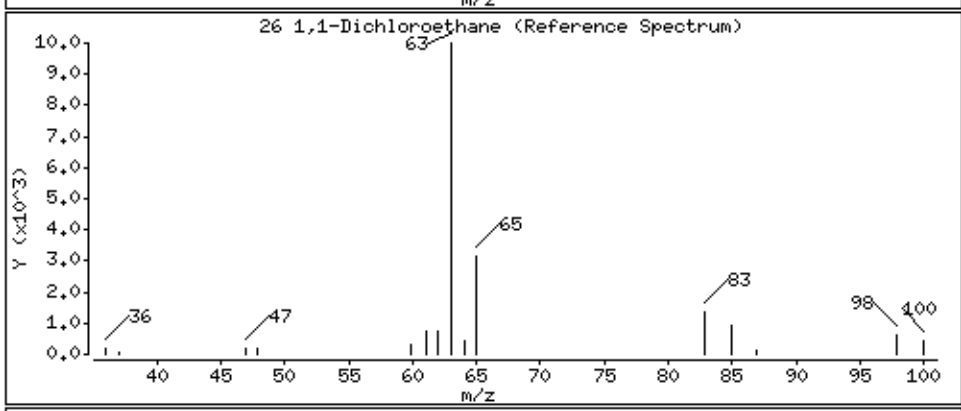
Column diameter: 0.18

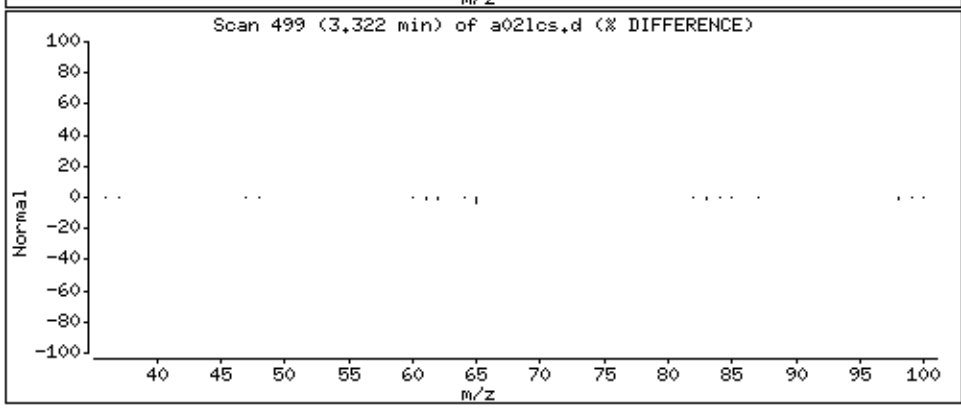
26 1,1-Dichloroethane

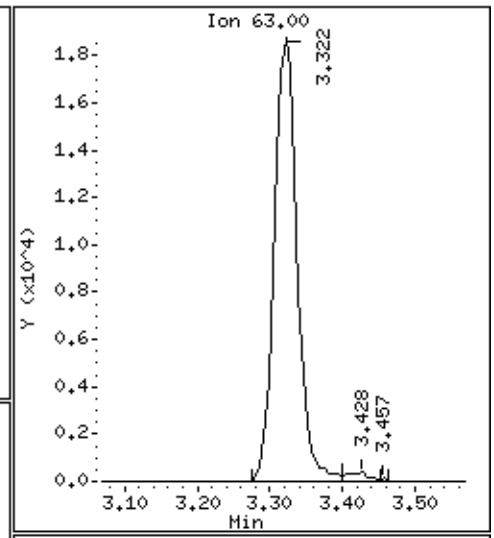
Concentration: 52.6 ppb

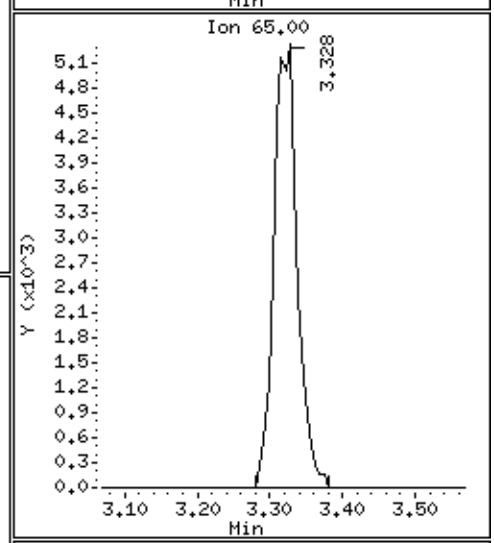


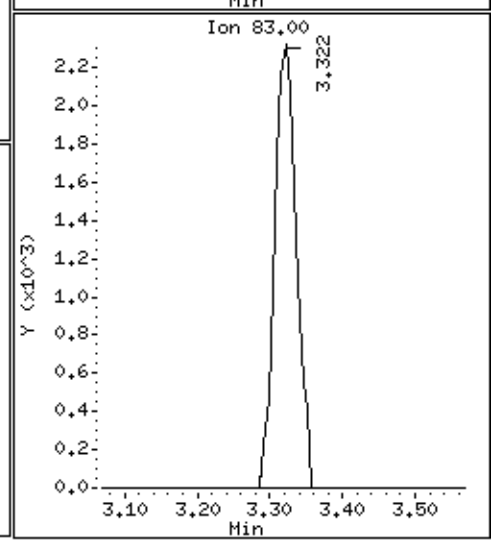












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

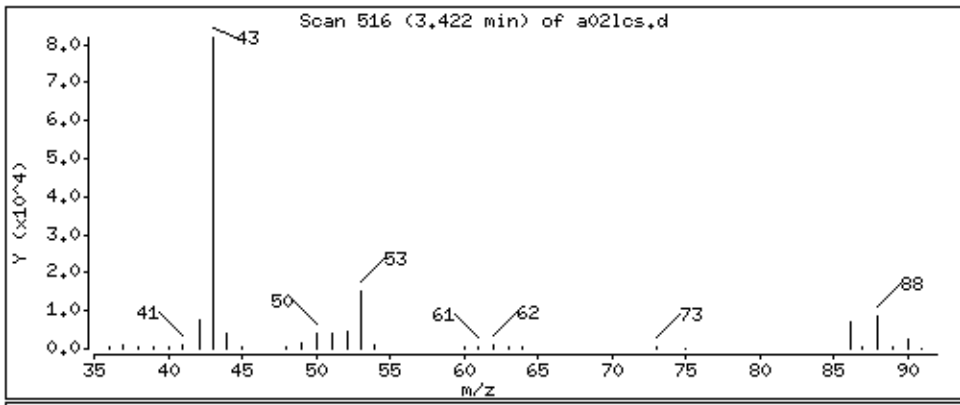
Operator: cap

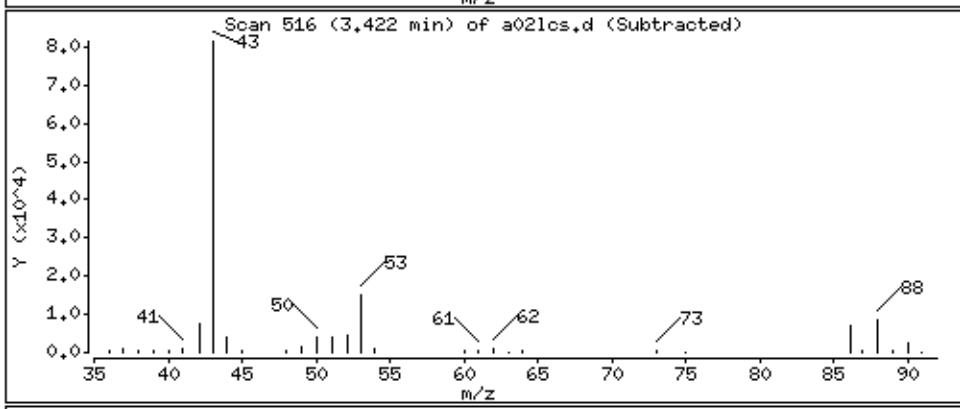
Column phase: DB-624

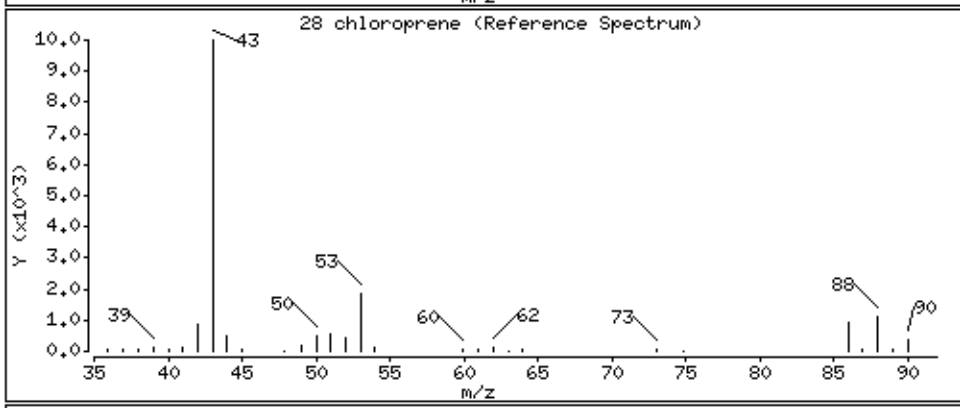
Column diameter: 0.18

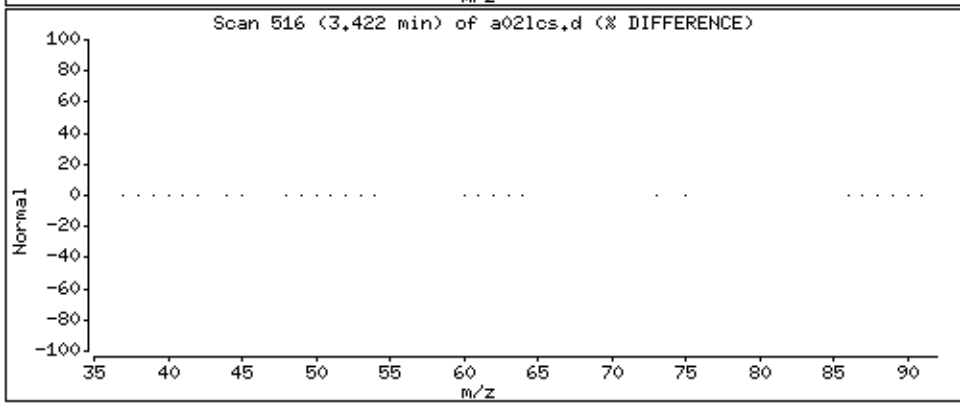
28 chloroprene

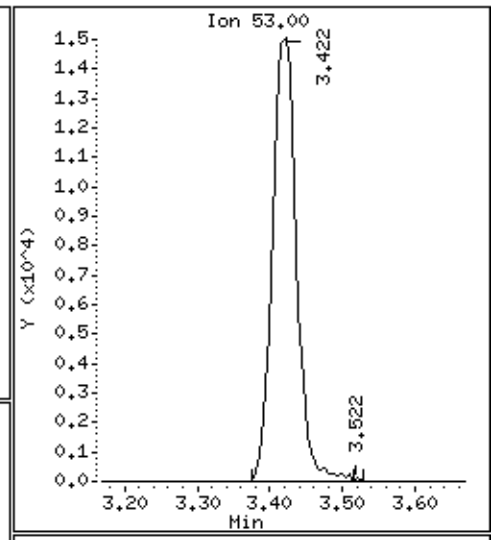
Concentration: 52.0 ppb

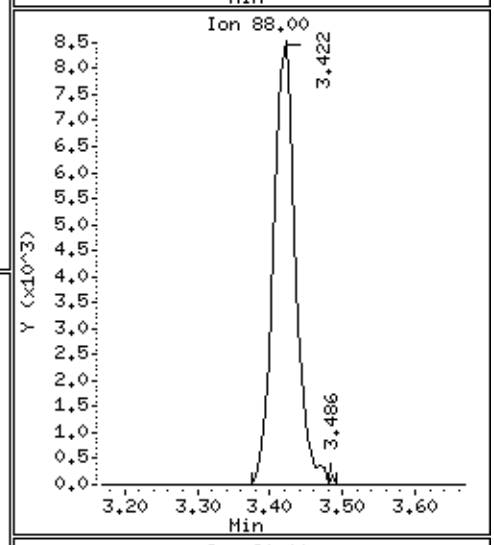


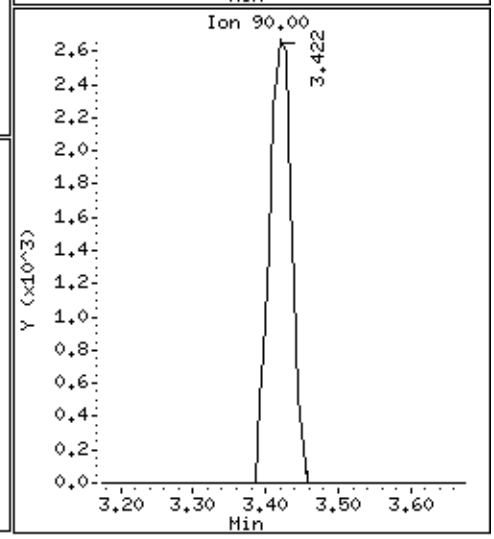












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

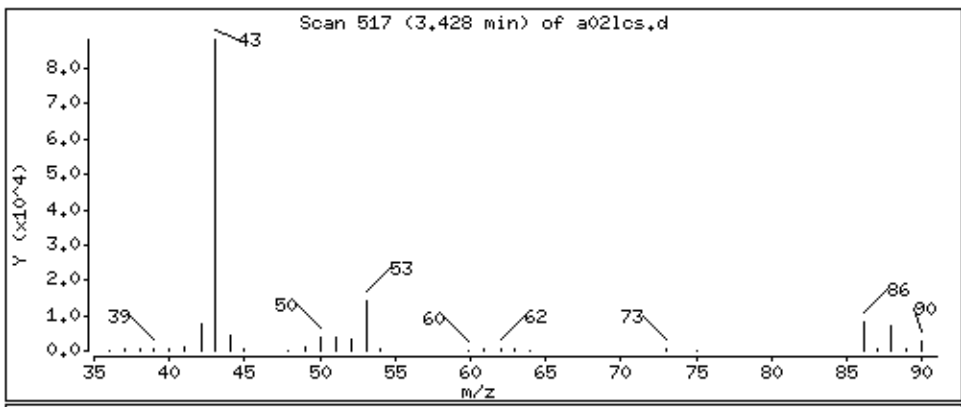
Operator: cap

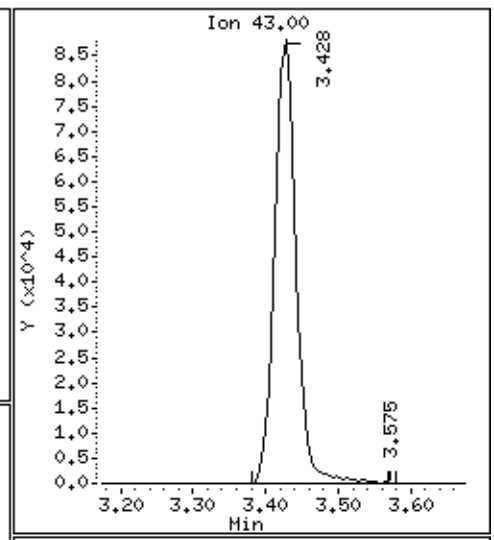
Column phase: DB-624

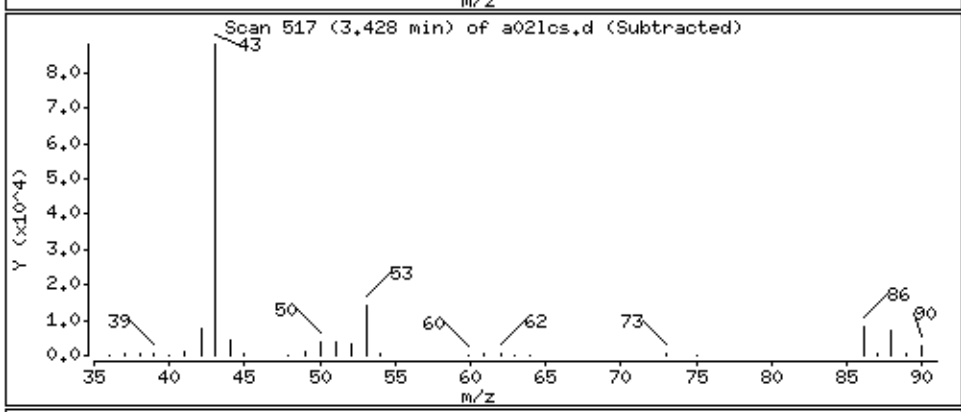
Column diameter: 0.18

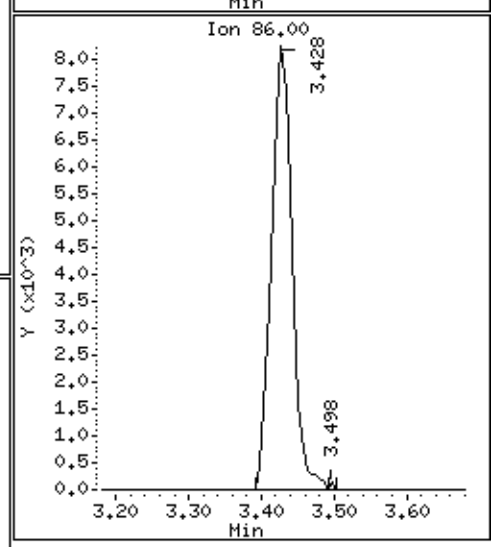
27 Vinyl Acetate

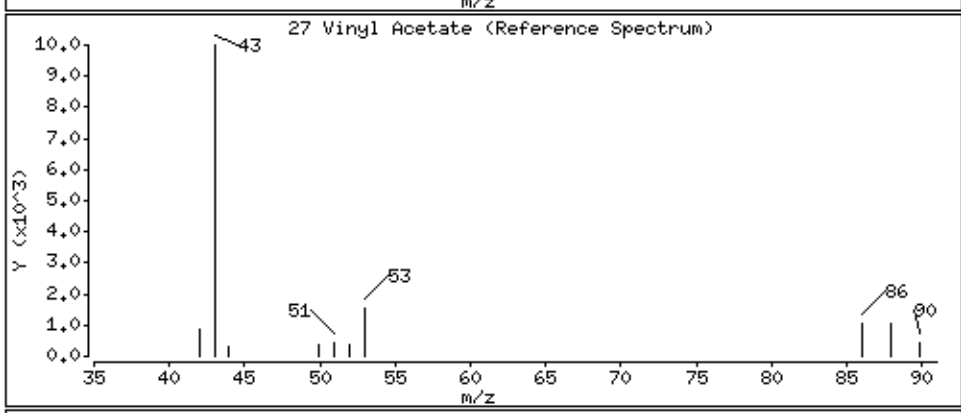
Concentration: 207 ppb

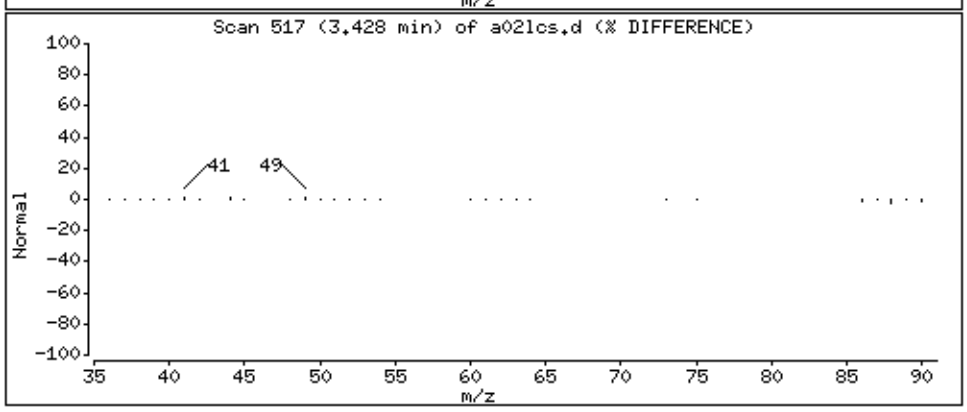












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

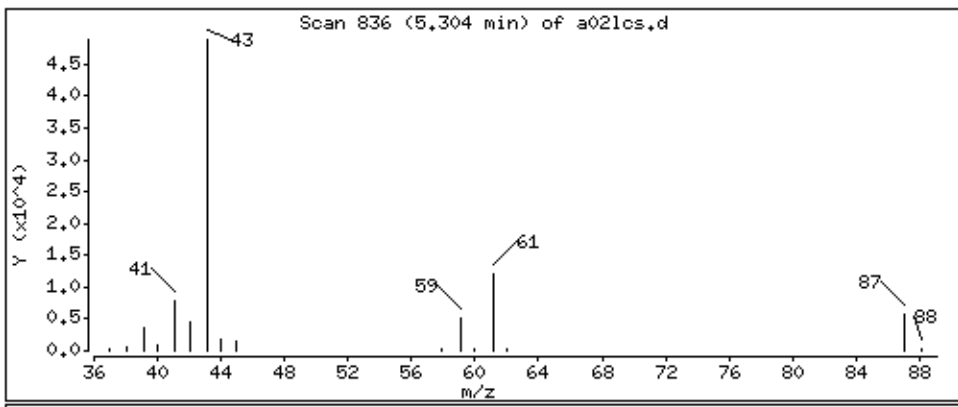
Operator: cap

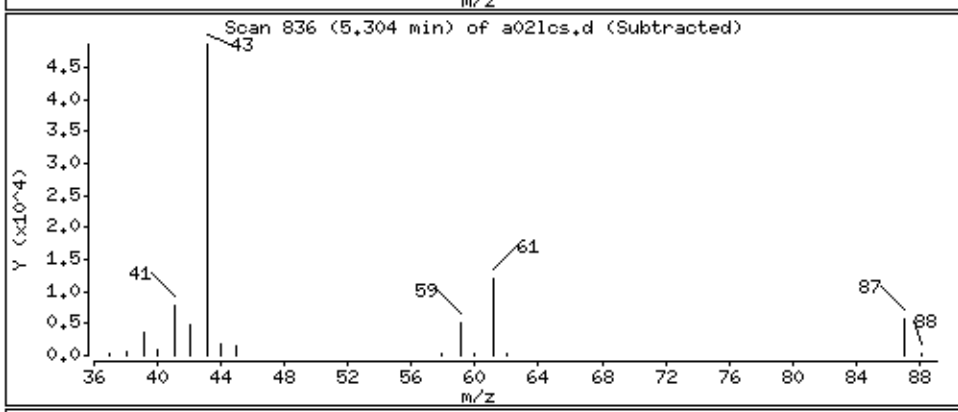
Column phase: DB-624

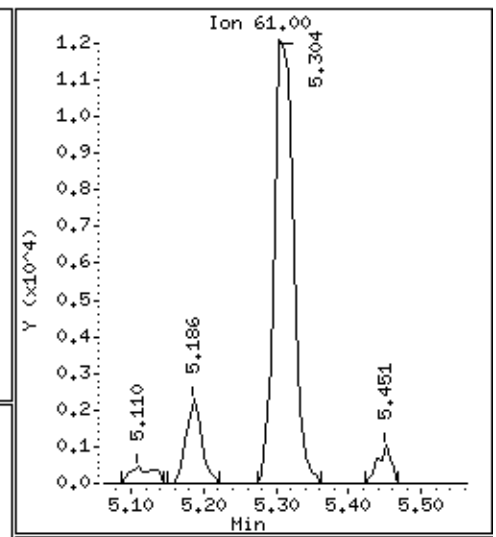
Column diameter: 0.18

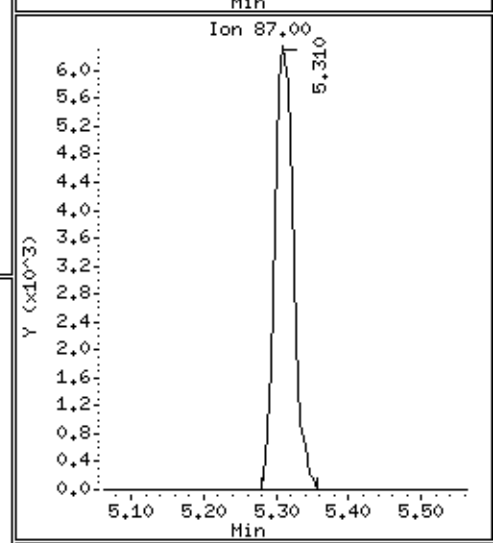
7 isopropyl acetate

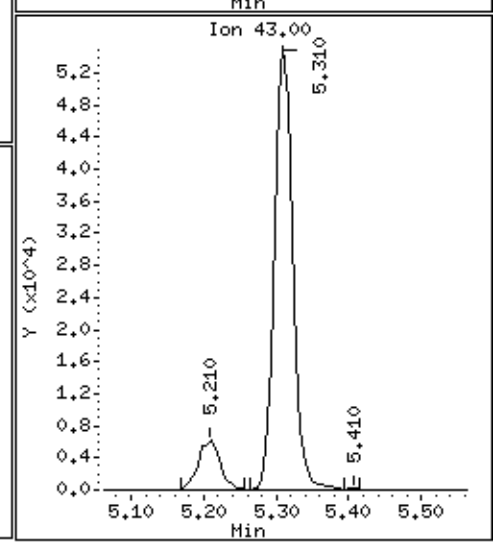
Concentration: 123 ppb











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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

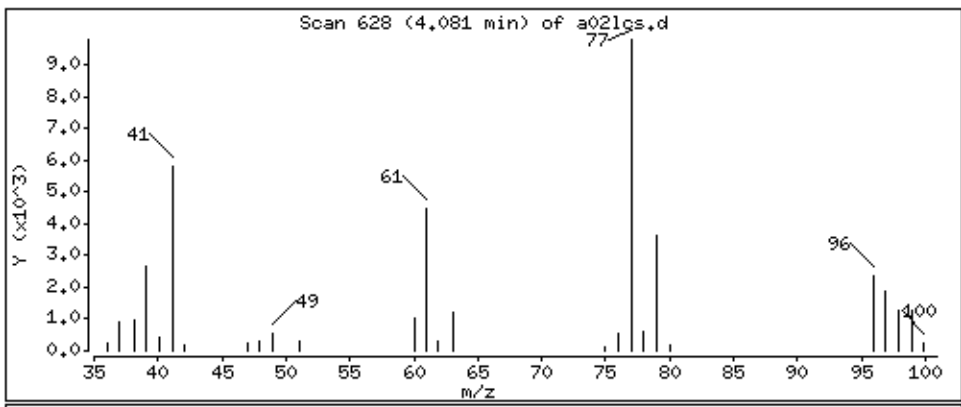
Operator: cap

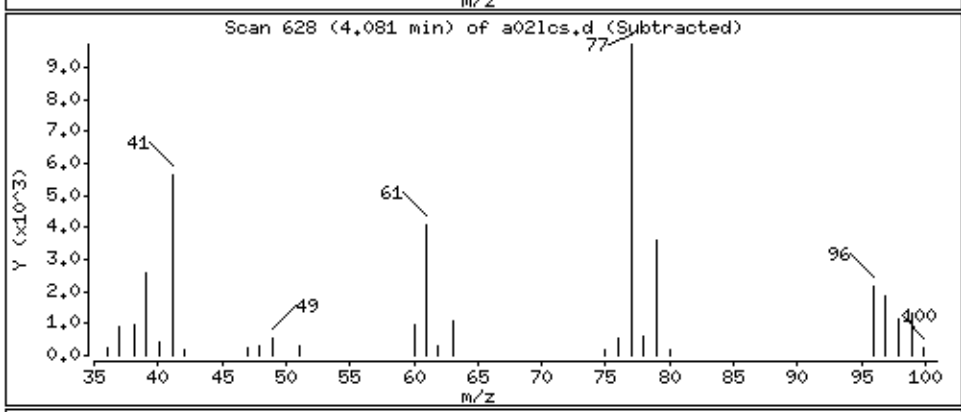
Column phase: DB-624

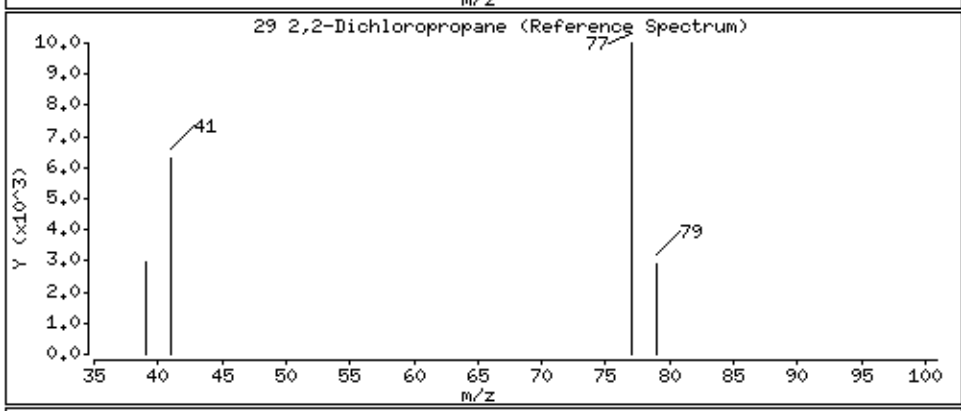
Column diameter: 0.18

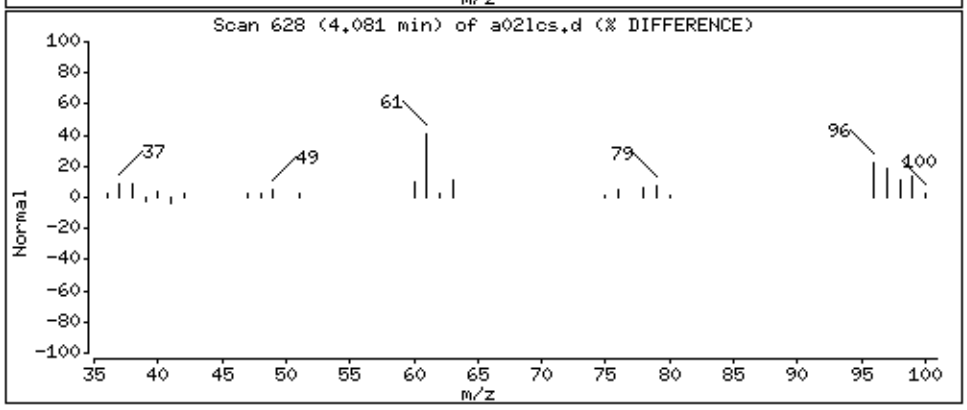
29 2,2-Dichloropropane

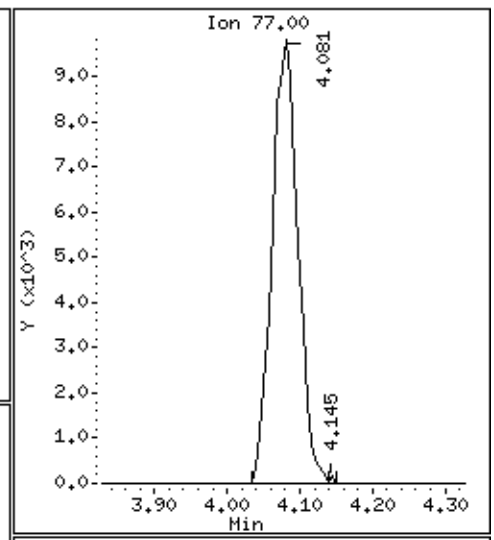
Concentration: 49.7 ppb

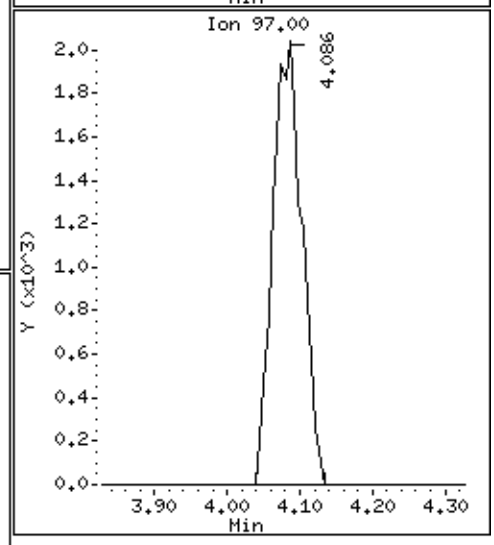












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

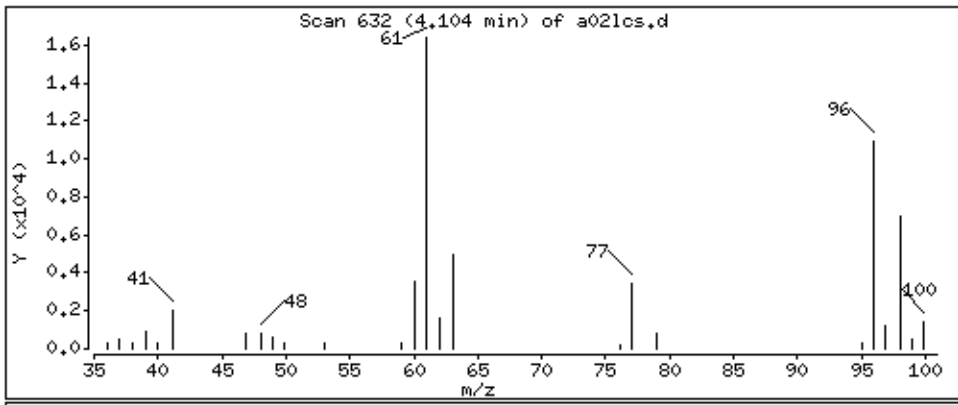
Operator: cap

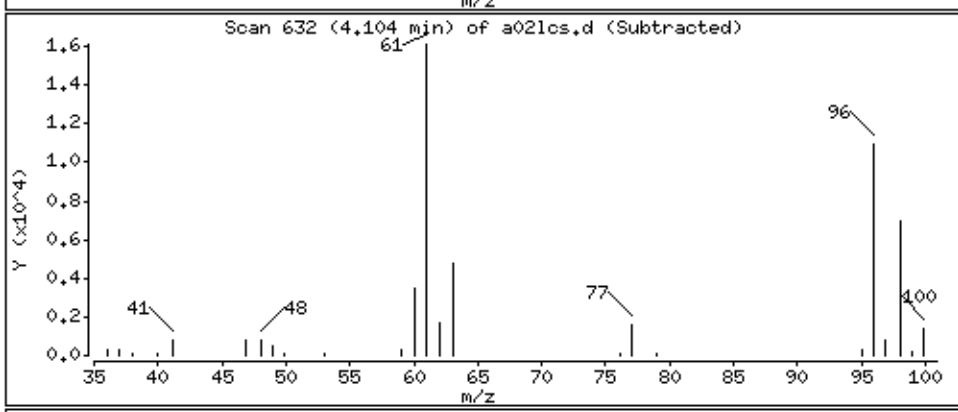
Column phase: DB-624

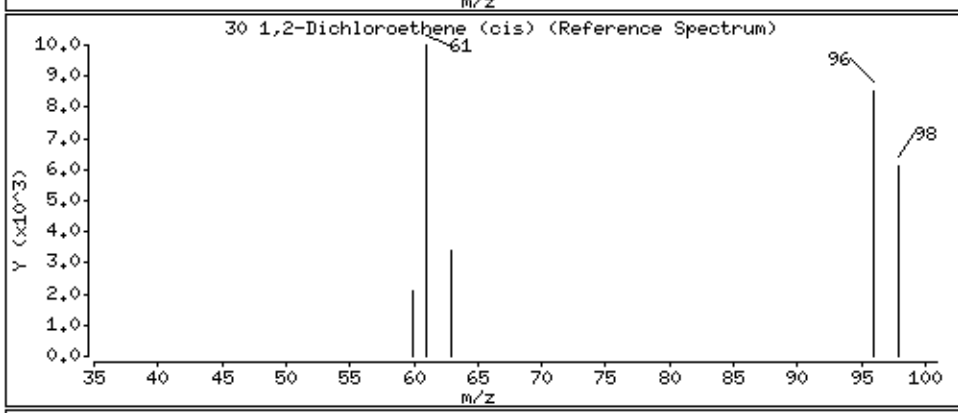
Column diameter: 0.18

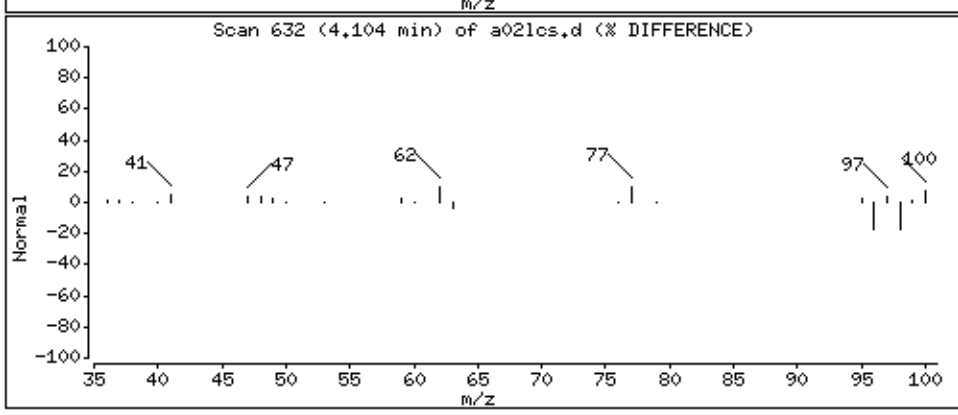
30 1,2-Dichloroethene (cis)

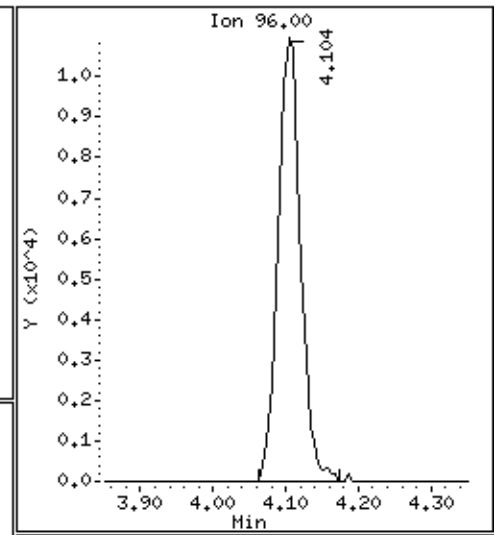
Concentration: 46.9 ppb

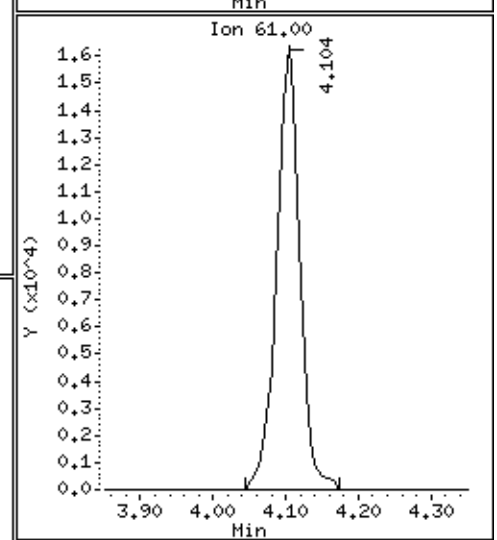


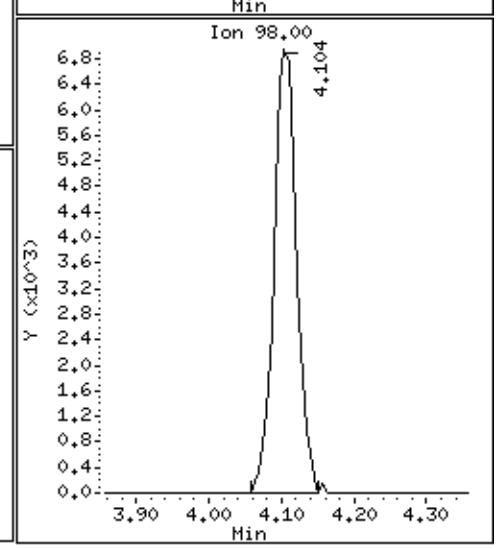












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

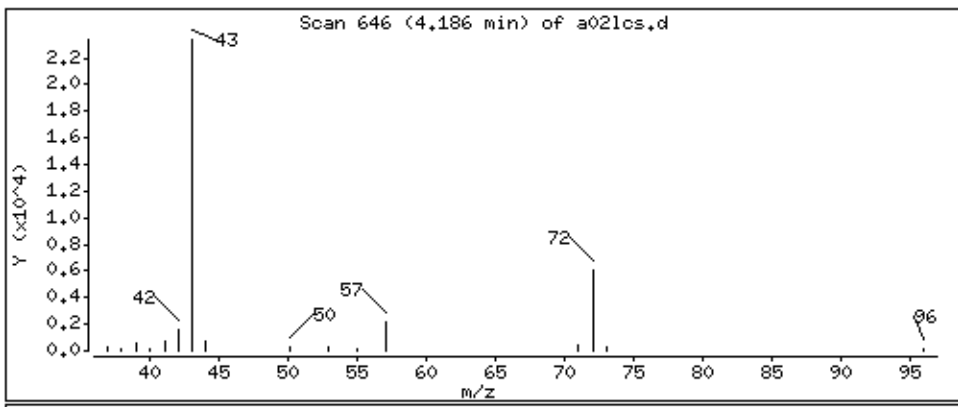
Operator: cap

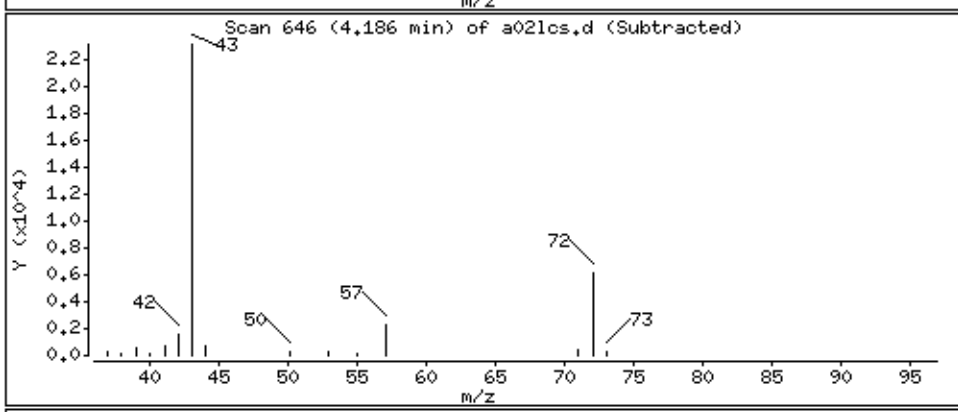
Column phase: DB-624

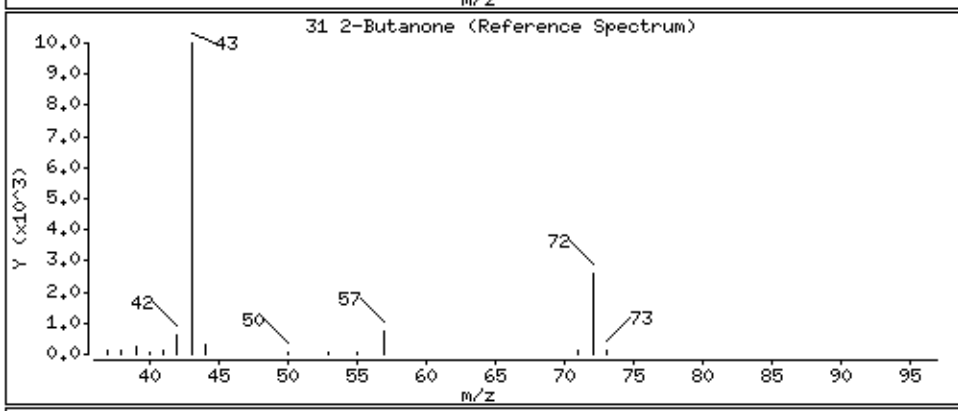
Column diameter: 0.18

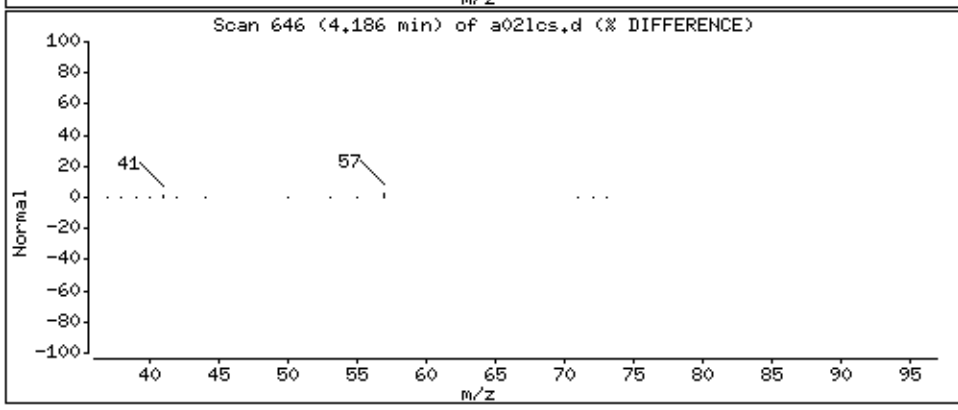
31 2-Butanone

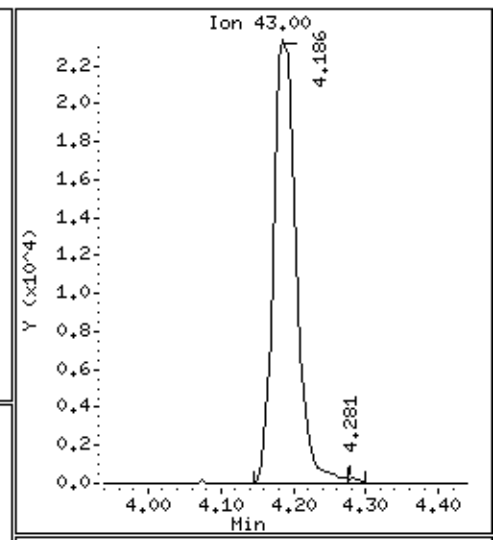
Concentration: 282 ppb

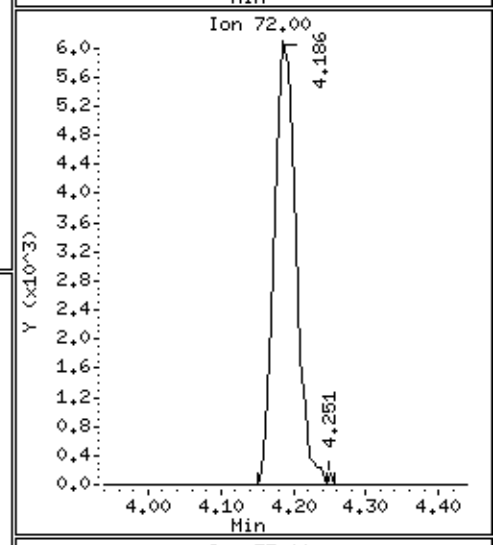


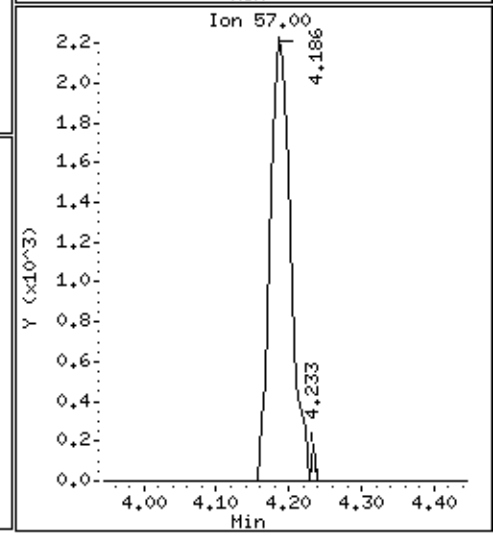












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

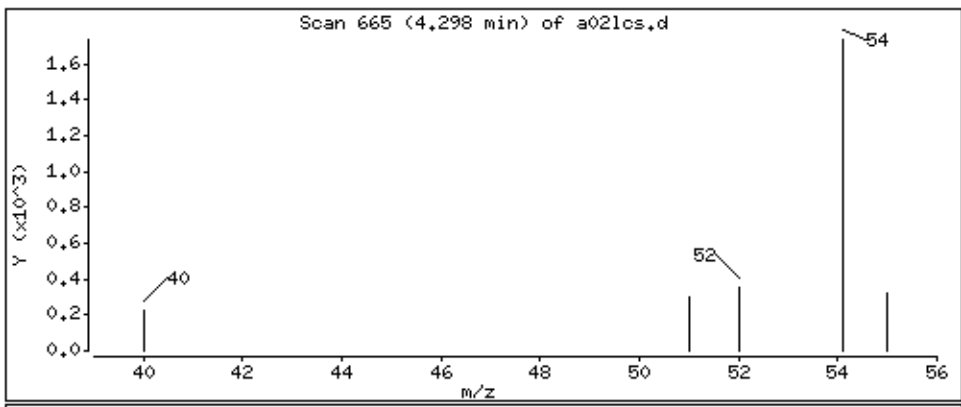
Operator: cap

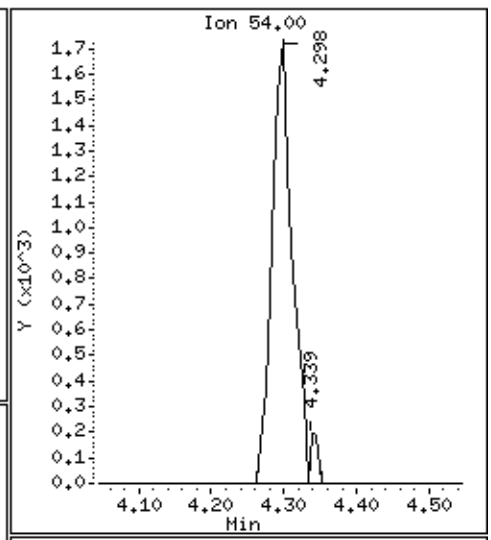
Column phase: DB-624

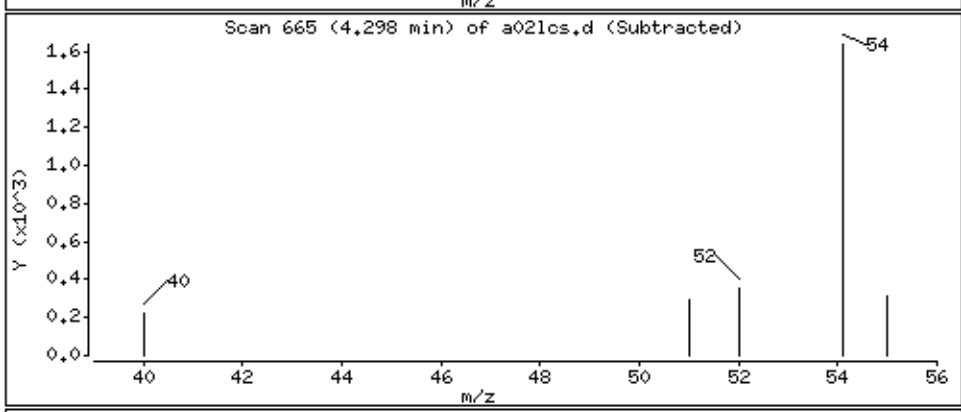
Column diameter: 0.18

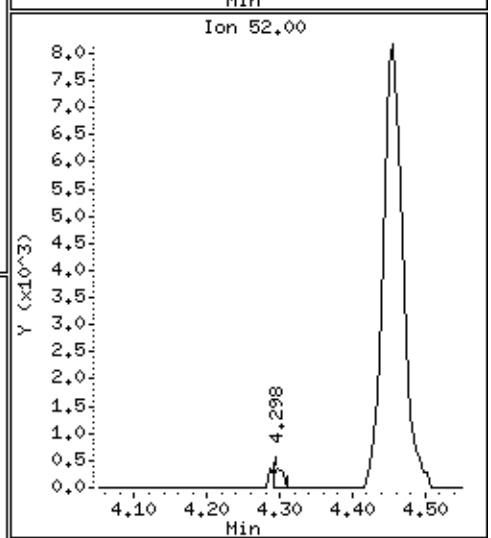
32 Propionitrile

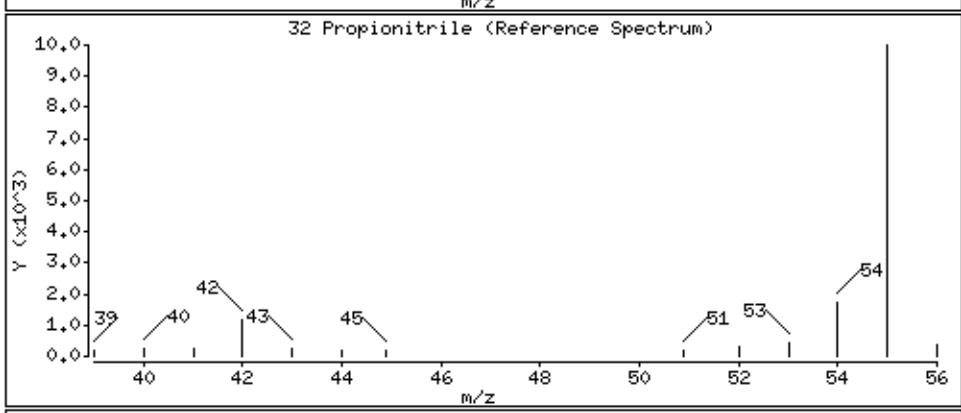
Concentration: 40.5 ppb

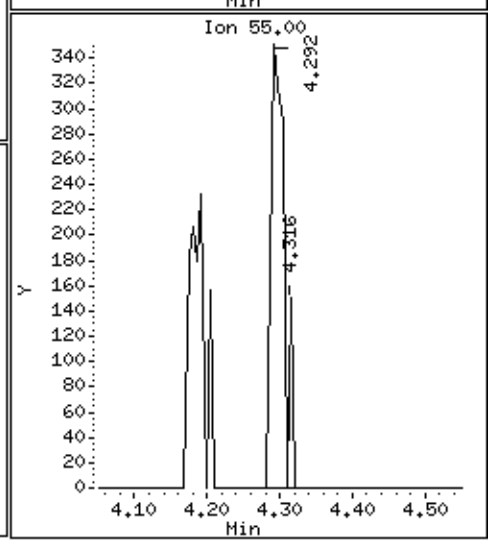


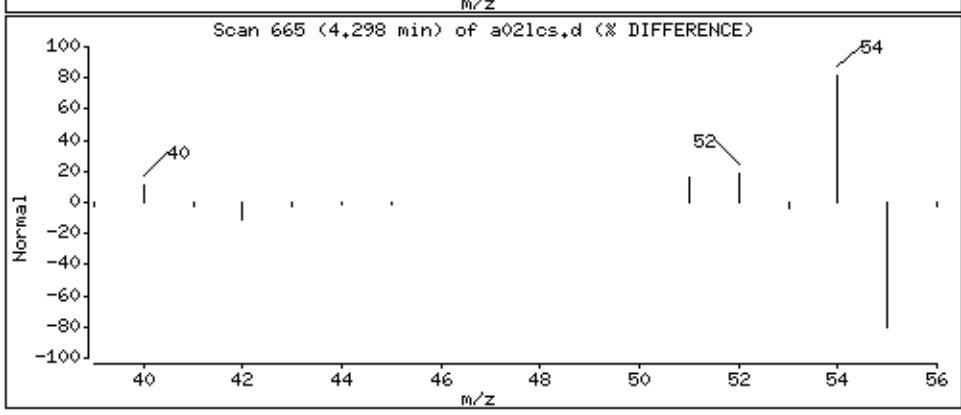












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

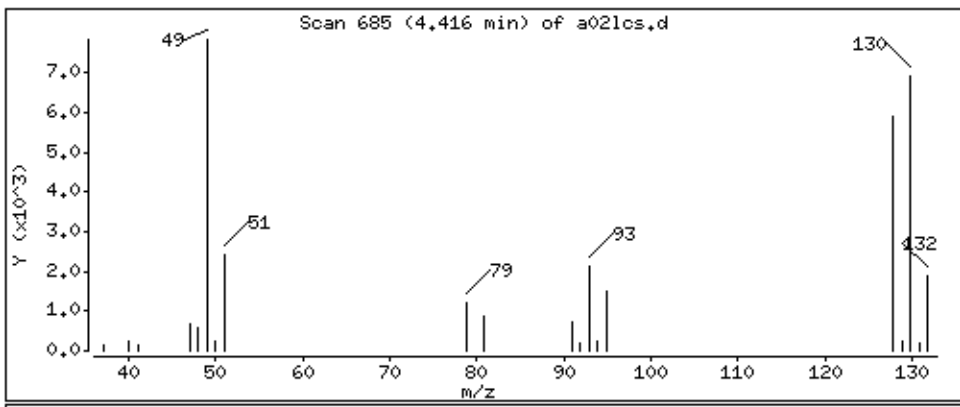
Operator: cap

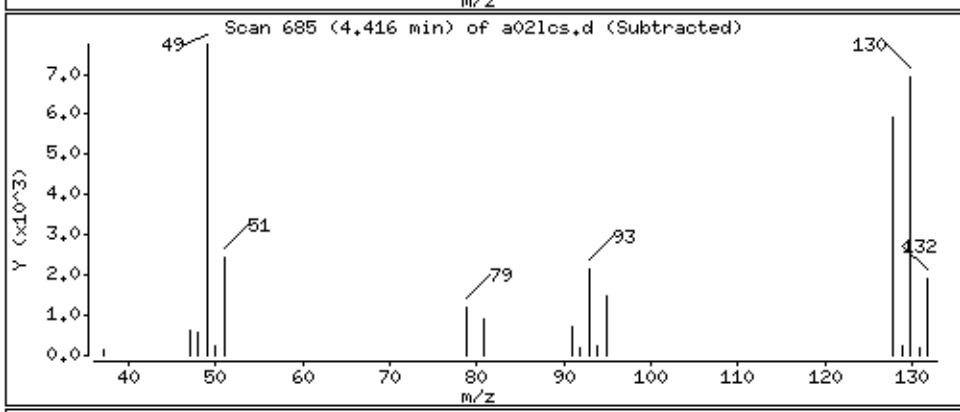
Column phase: DB-624

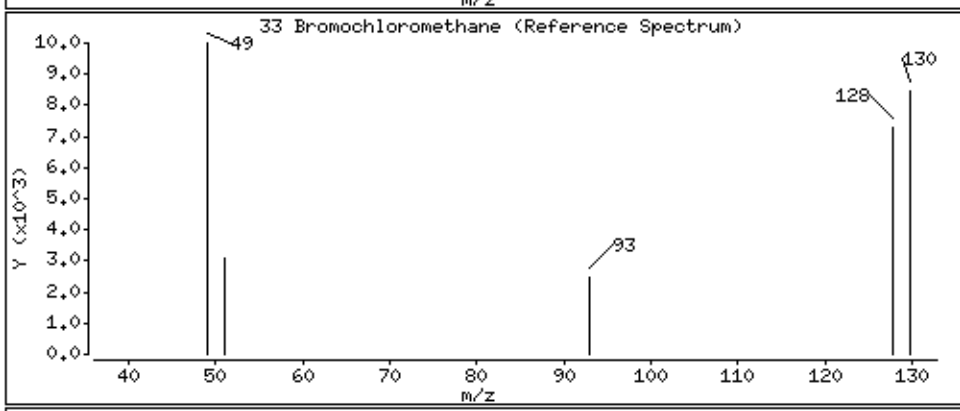
Column diameter: 0.18

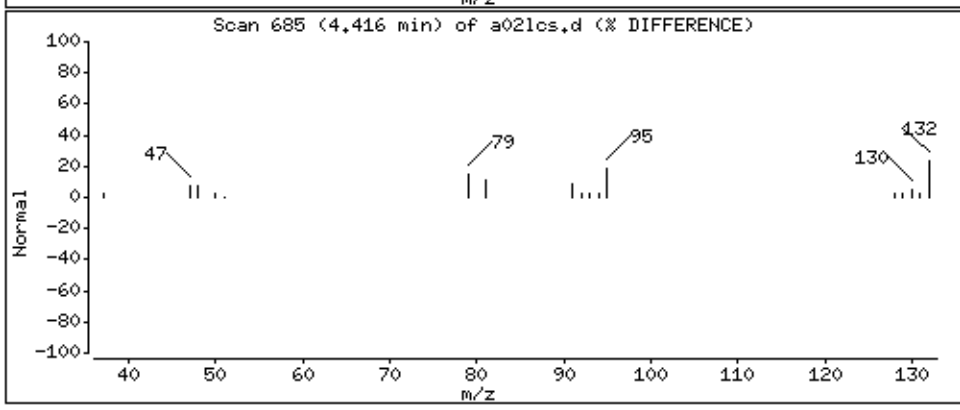
33 Bromochloromethane

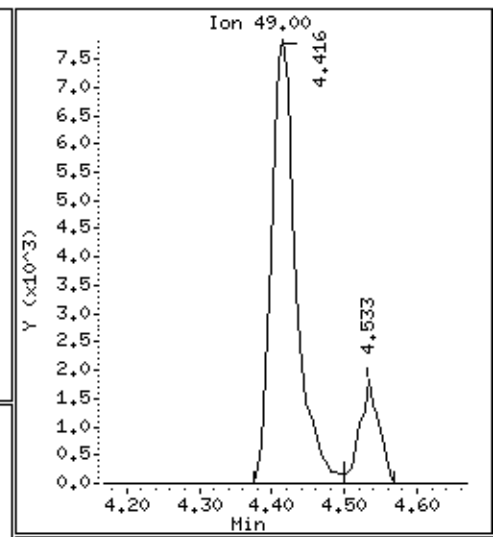
Concentration: 53.5 ppb

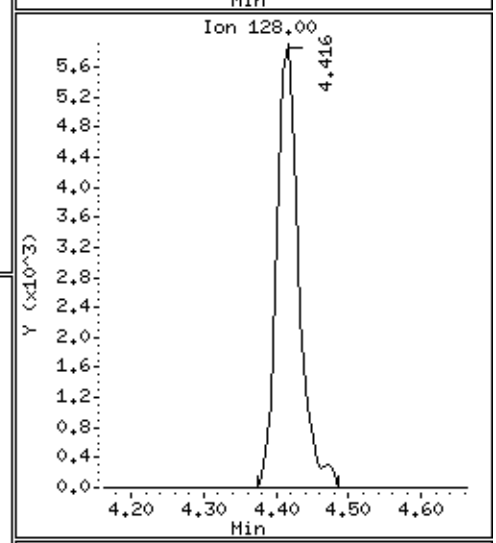


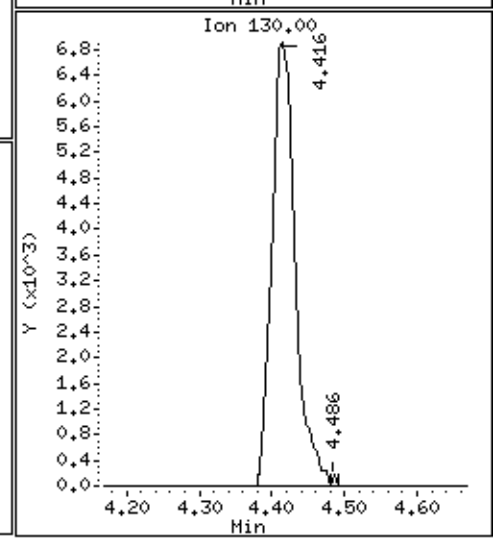












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

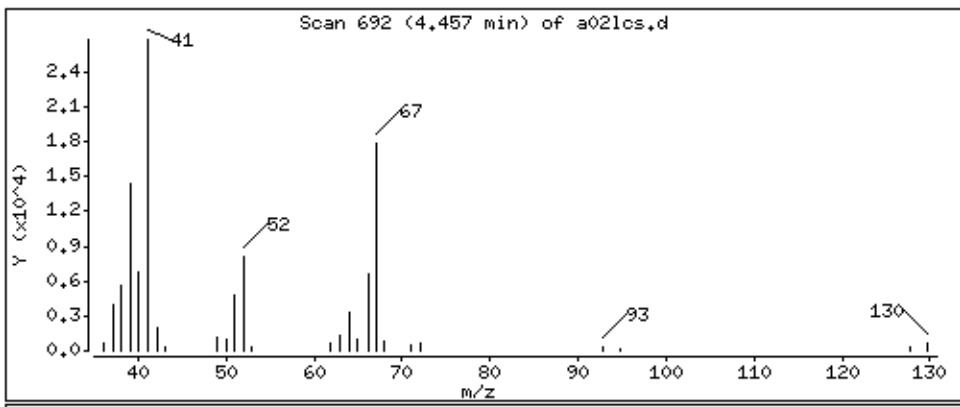
Operator: cap

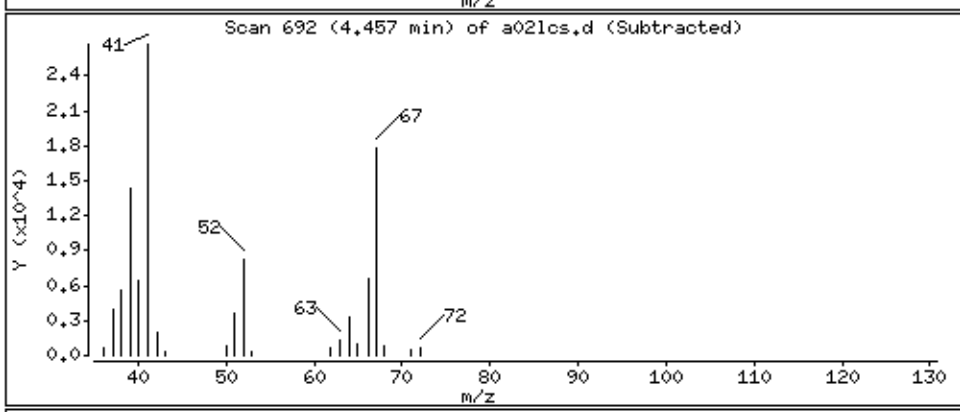
Column phase: DB-624

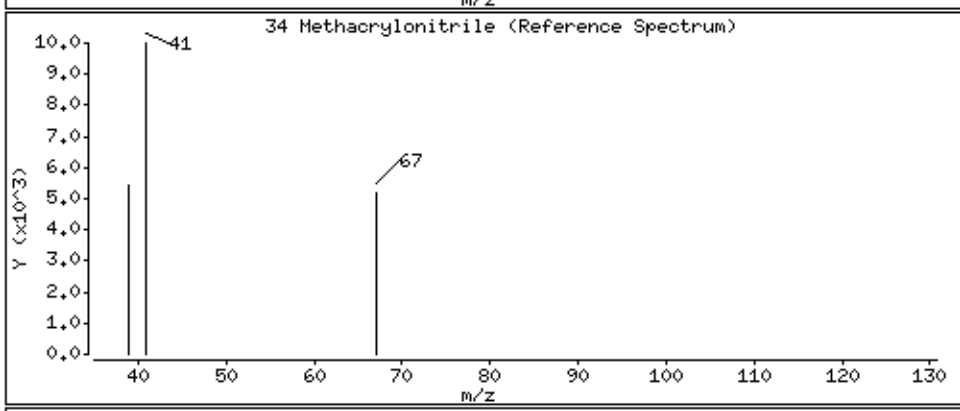
Column diameter: 0.18

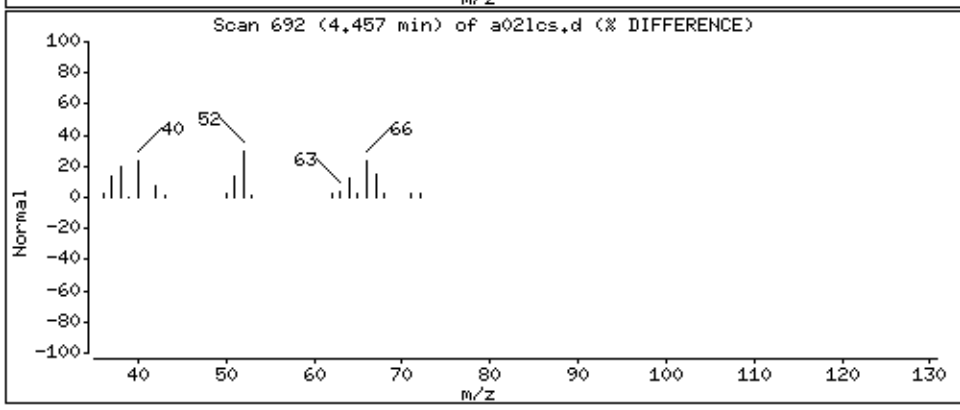
34 Methacrylonitrile

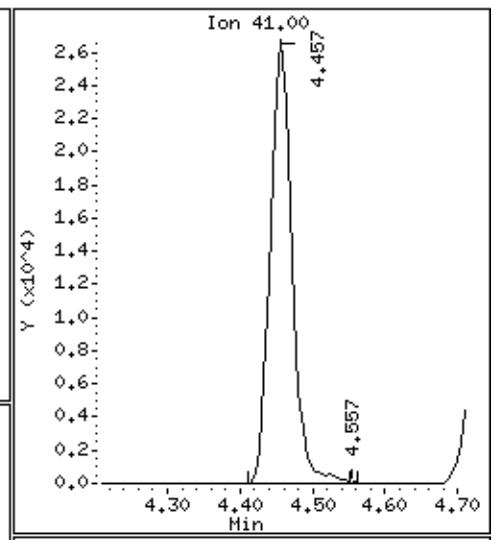
Concentration: 162 ppb

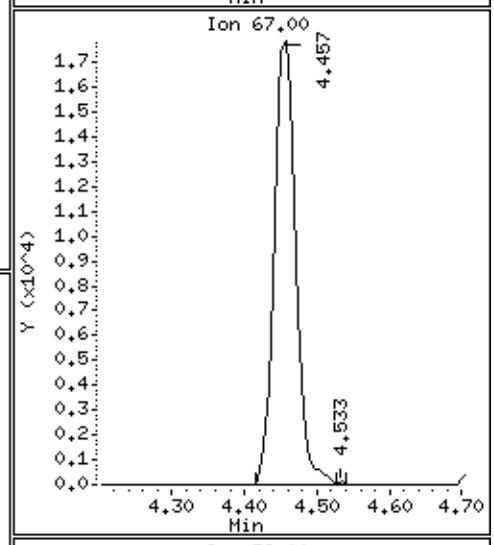


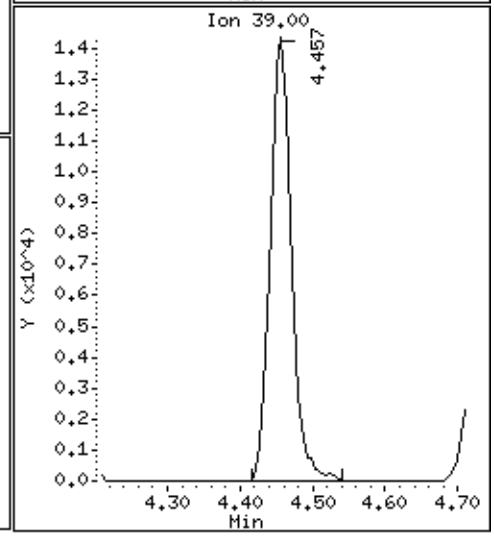












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

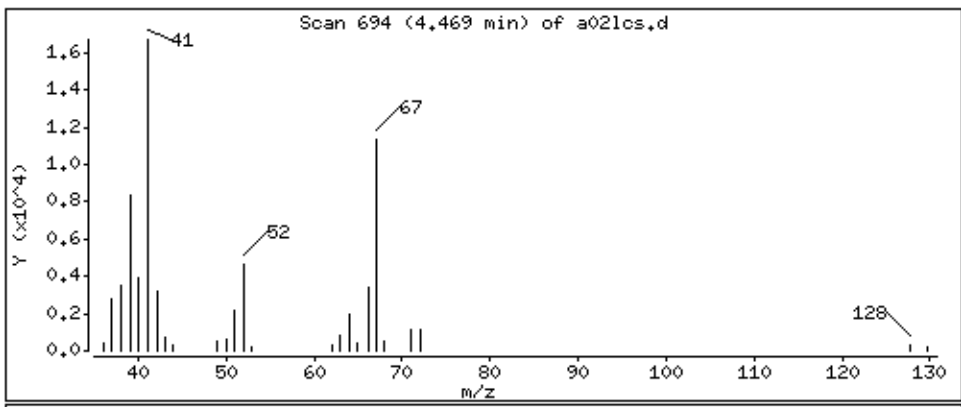
Operator: cap

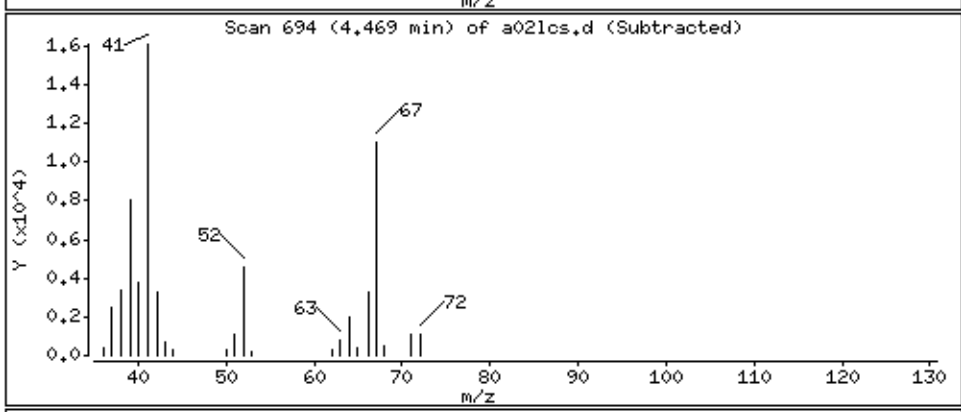
Column phase: DB-624

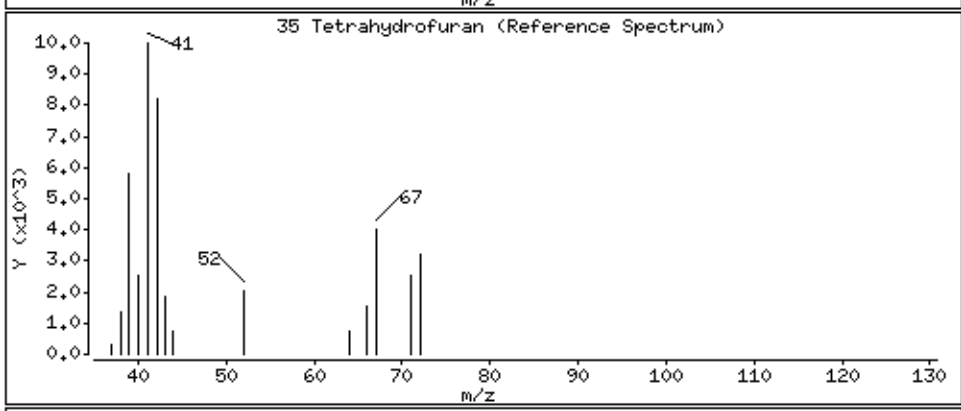
Column diameter: 0.18

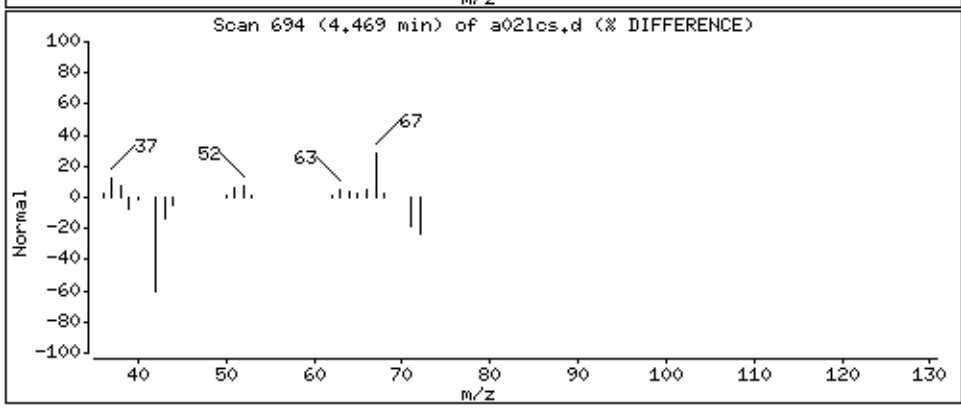
35 Tetrahydrofuran

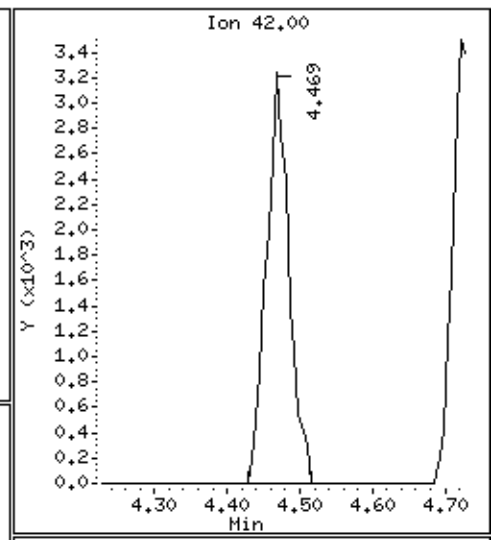
Concentration: 50.9 ppb

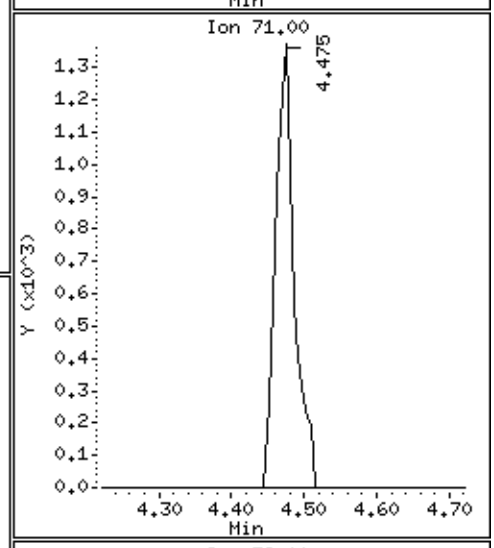


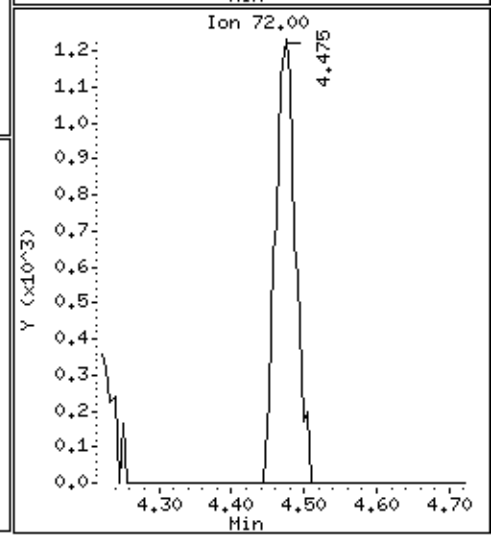












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

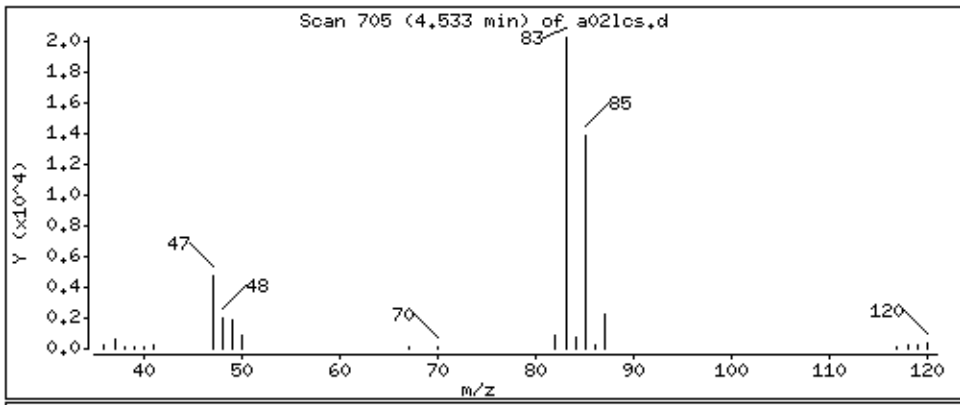
Operator: cap

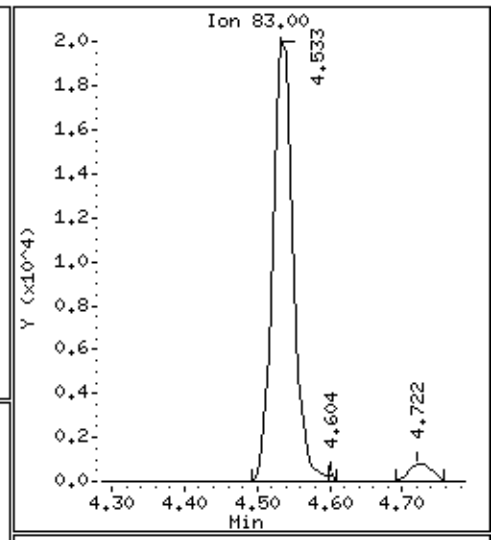
Column phase: DB-624

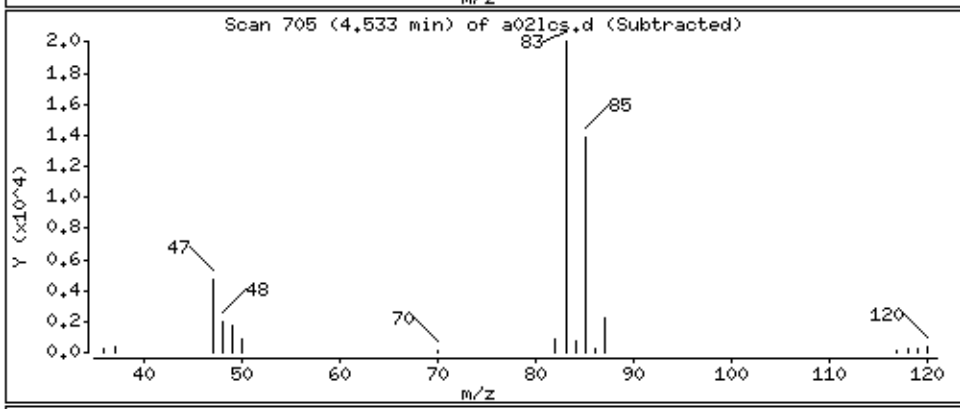
Column diameter: 0.18

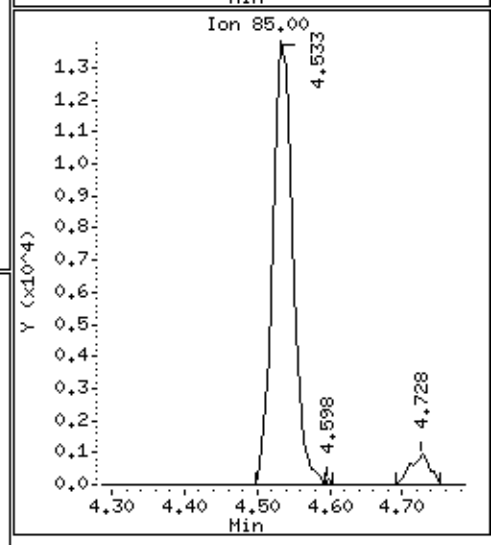
36 Chloroform

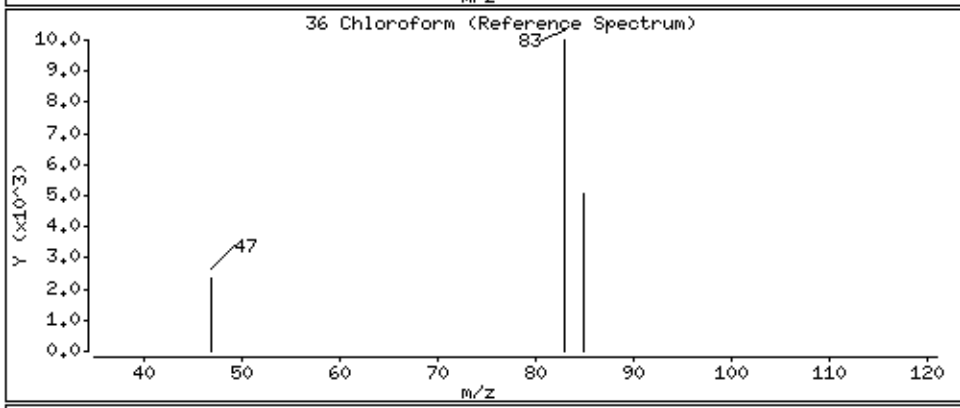
Concentration: 47.0 ppb

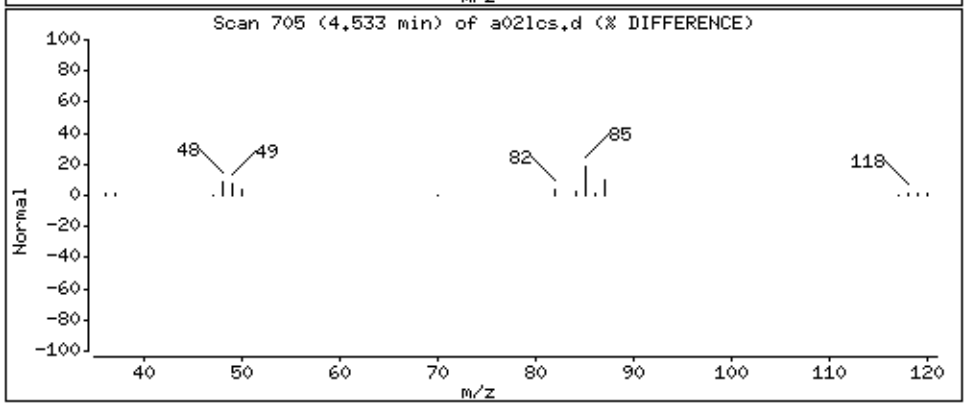












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

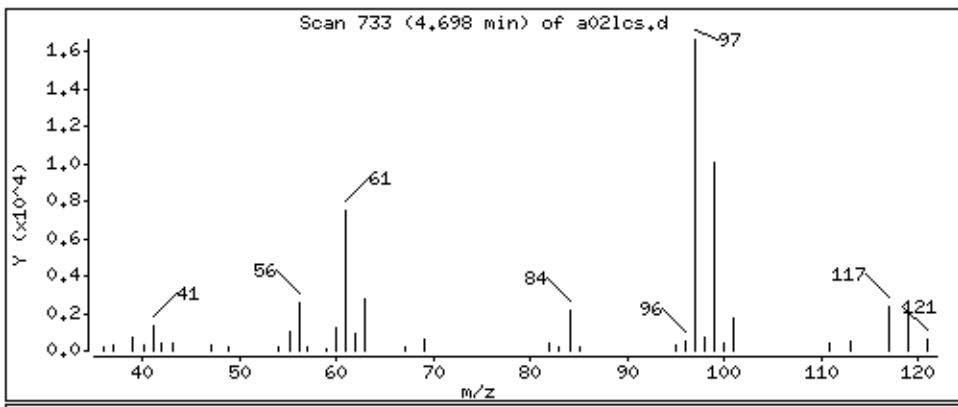
Operator: cap

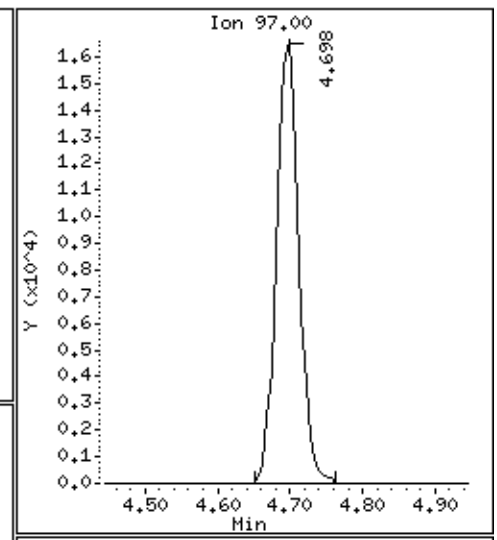
Column phase: DB-624

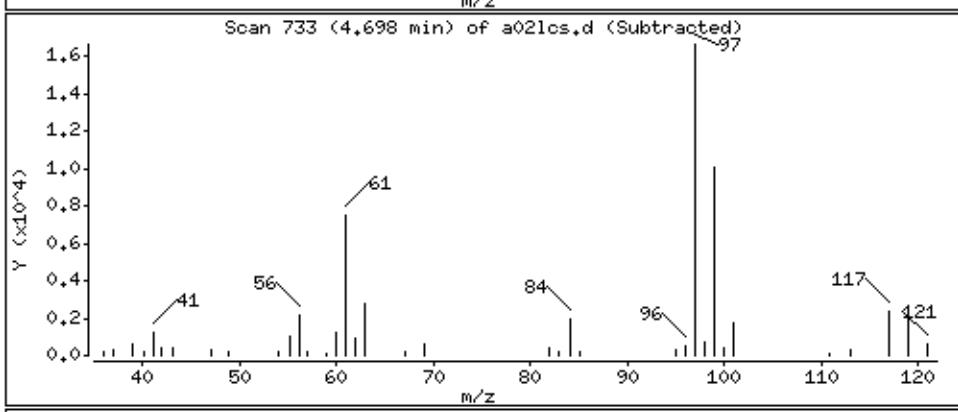
Column diameter: 0.18

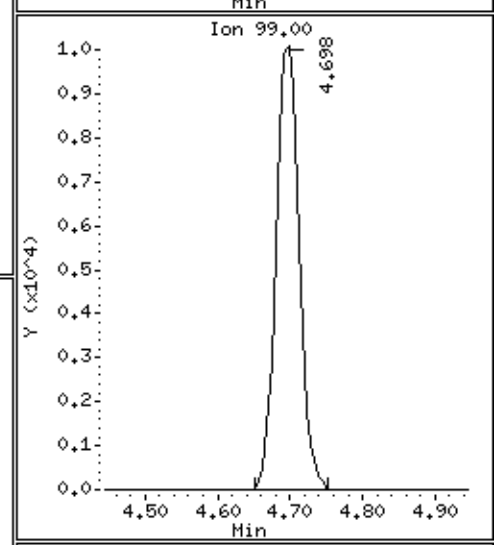
37 1,1,1-Trichloroethane

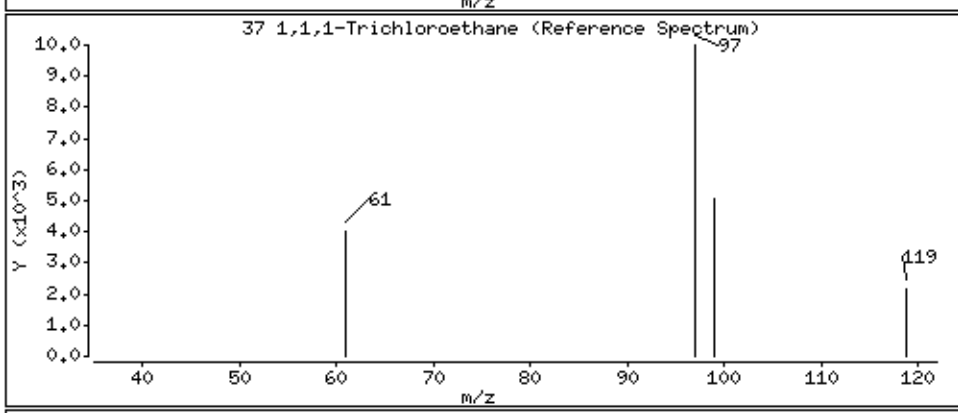
Concentration: 50.5 ppb

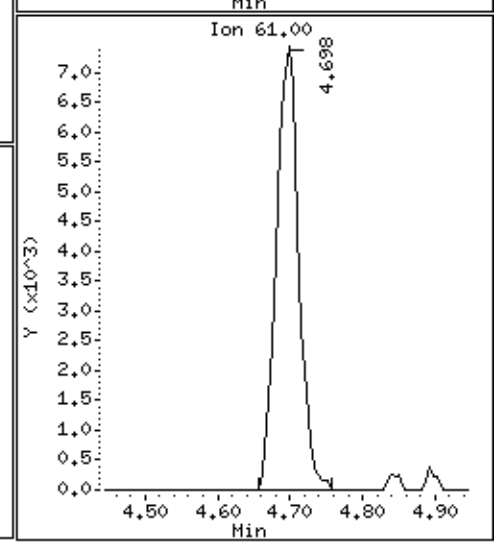


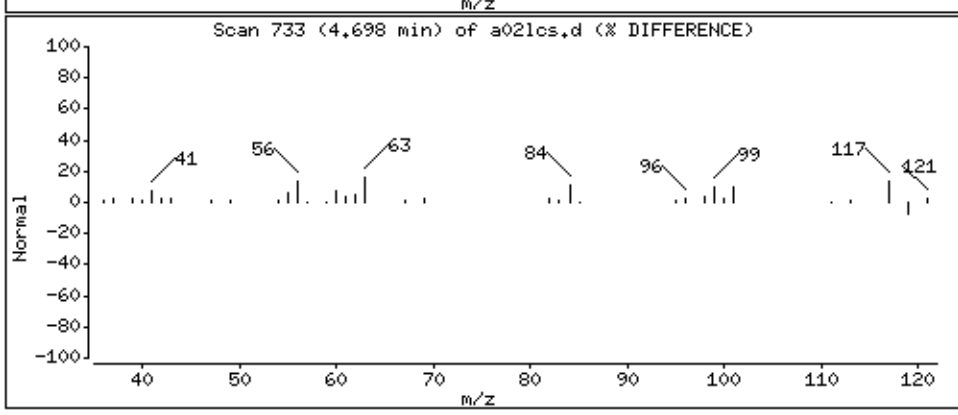












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

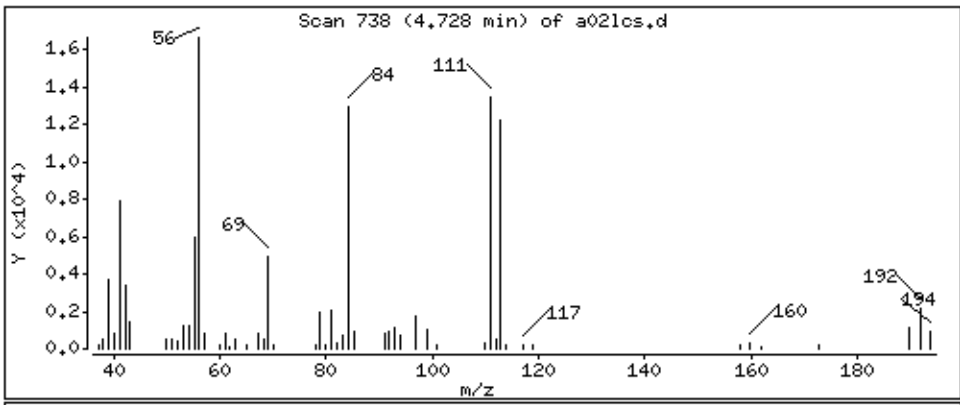
Operator: cap

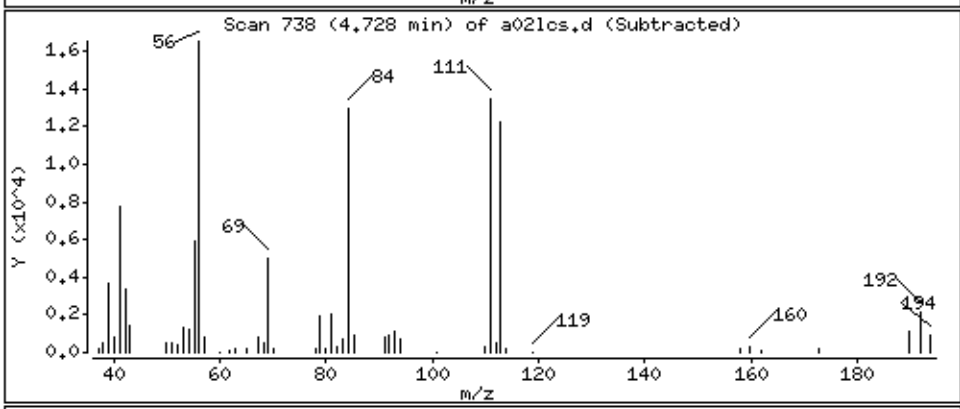
Column phase: DB-624

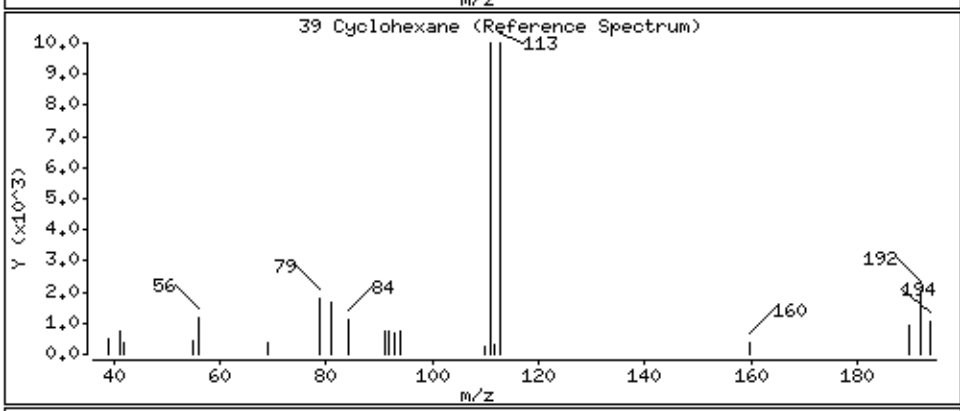
Column diameter: 0.18

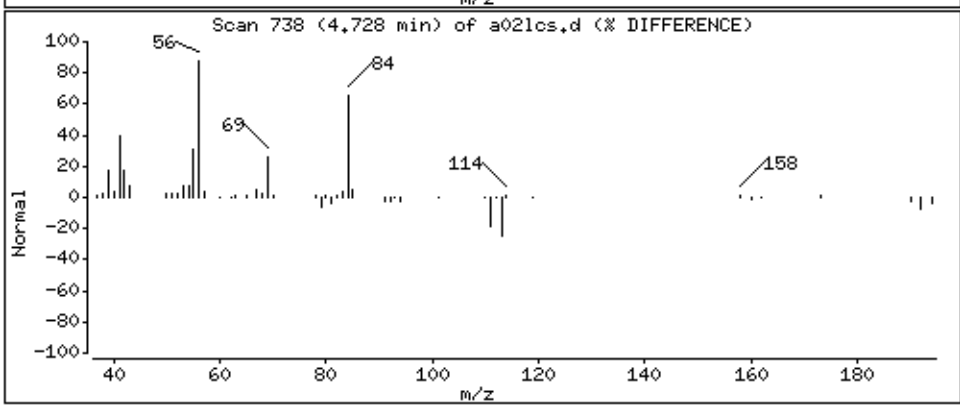
39 Cyclohexane

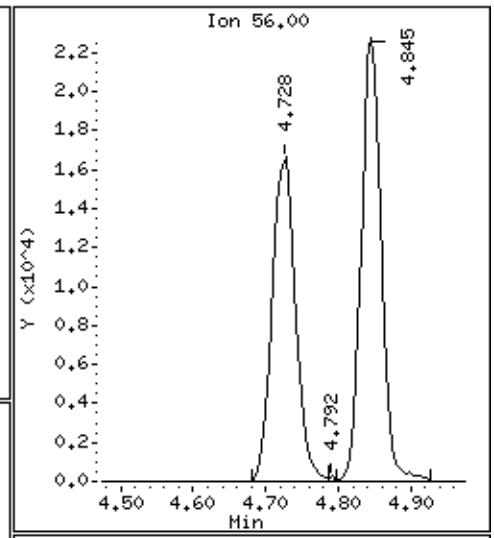
Concentration: 56.2 ppb

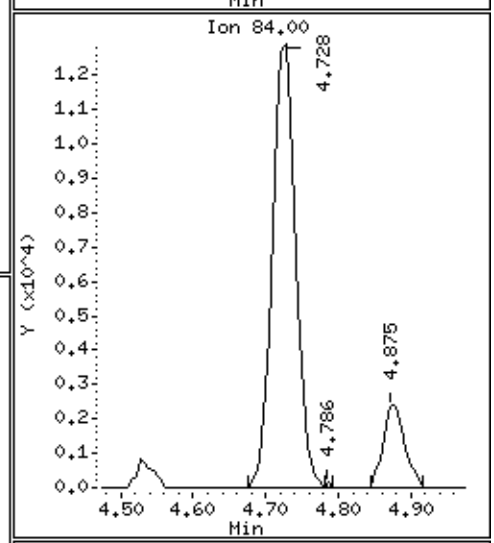


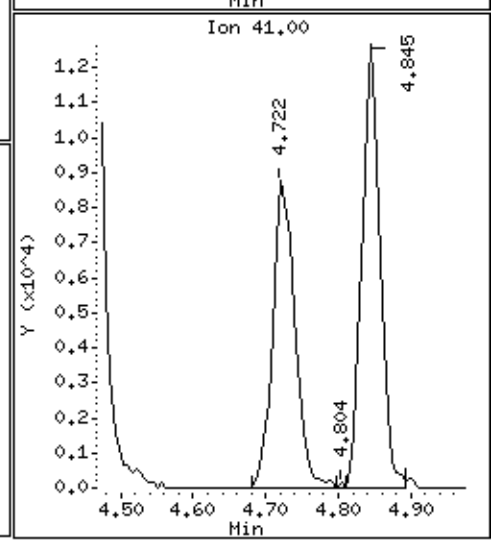












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

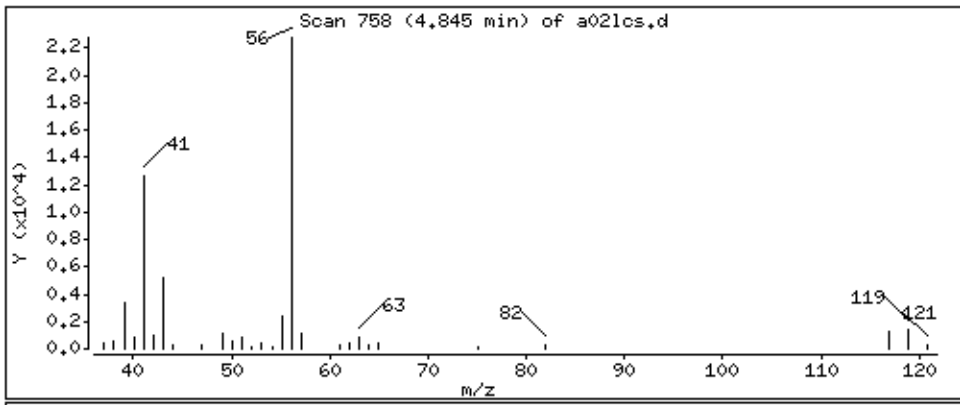
Operator: cap

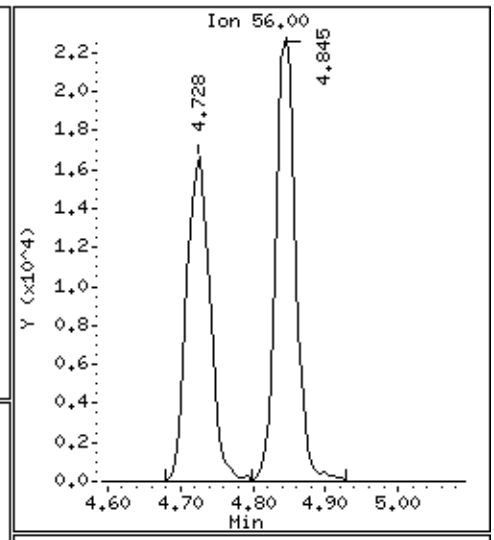
Column phase: DB-624

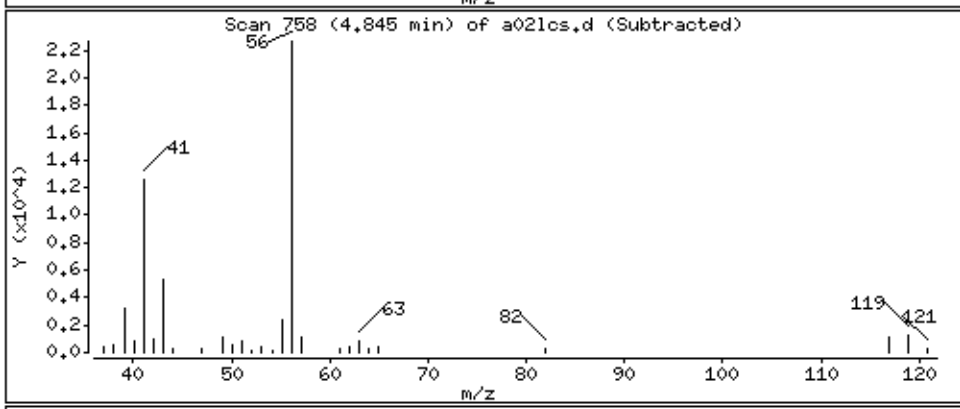
Column diameter: 0.18

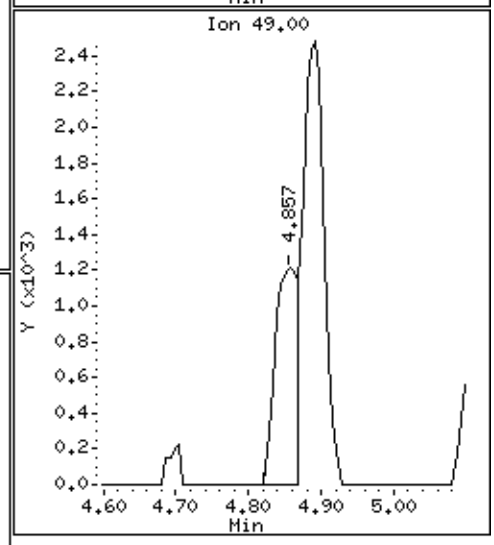
40 n-Butyl chloride

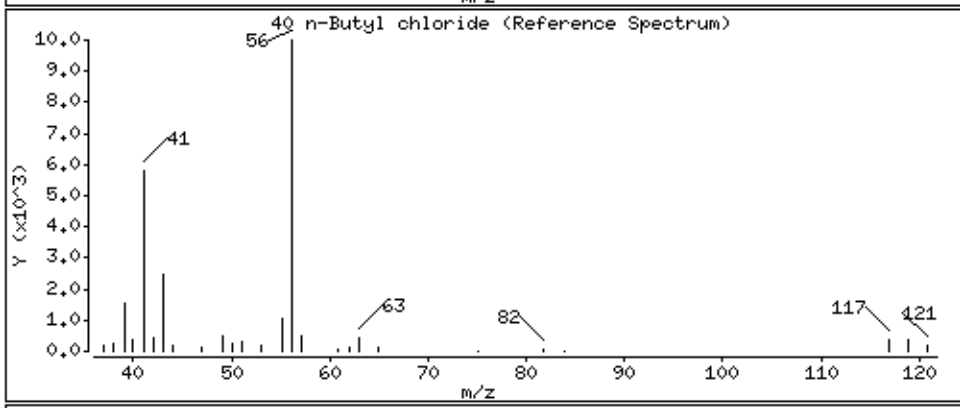
Concentration: 52.2 ppb

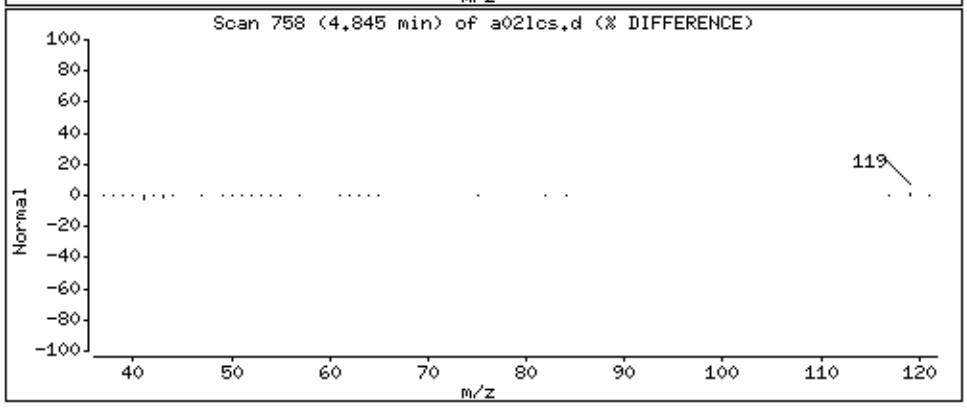












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

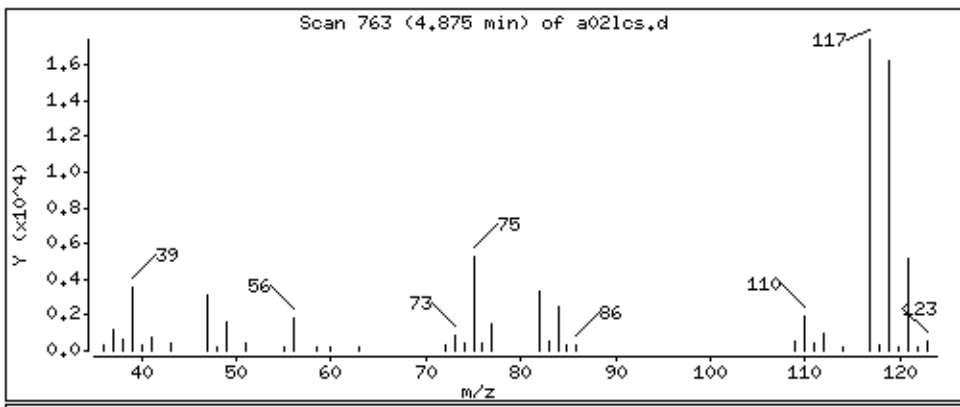
Operator: cap

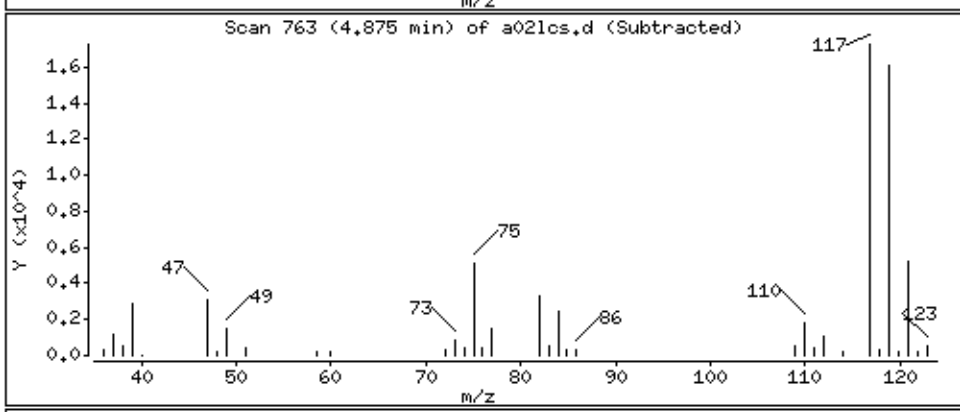
Column phase: DB-624

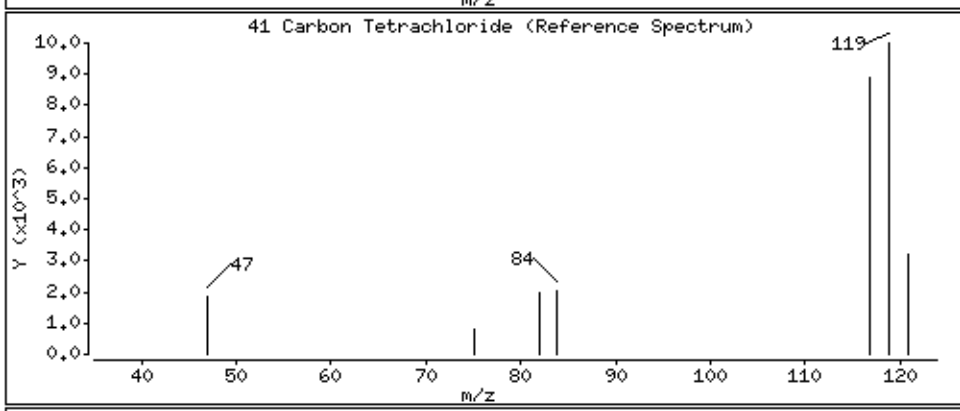
Column diameter: 0.18

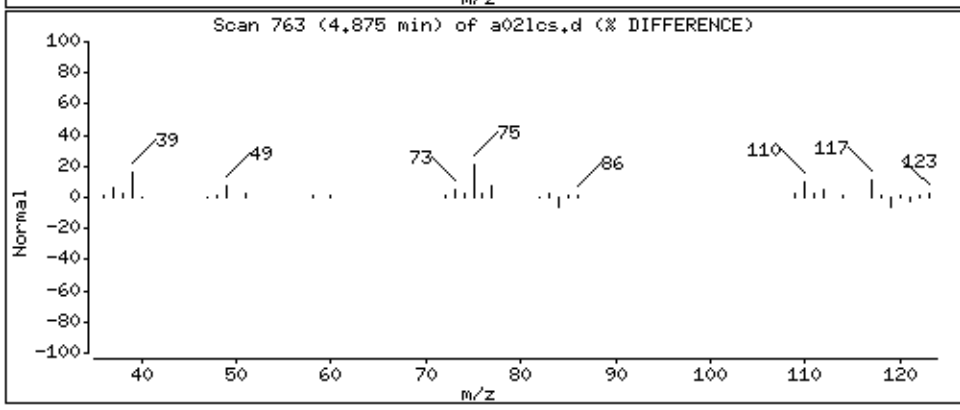
41 Carbon Tetrachloride

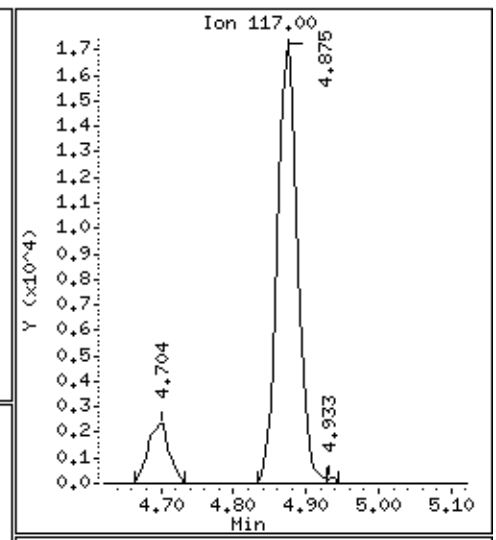
Concentration: 48.0 ppb

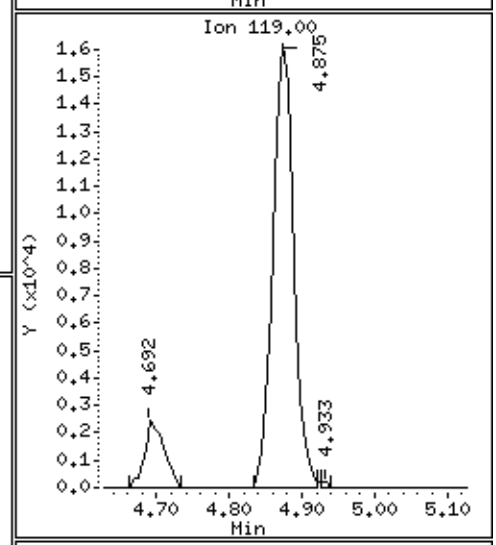


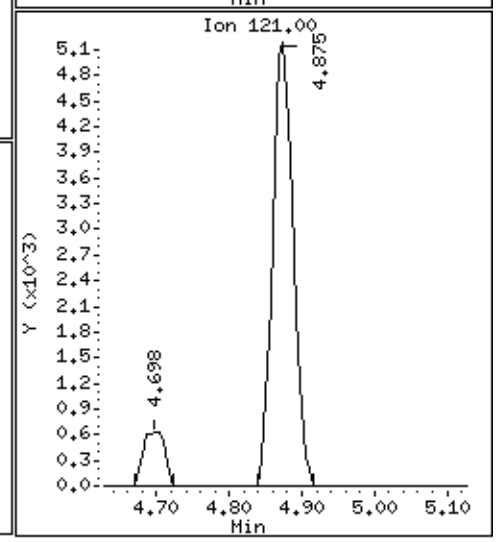












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

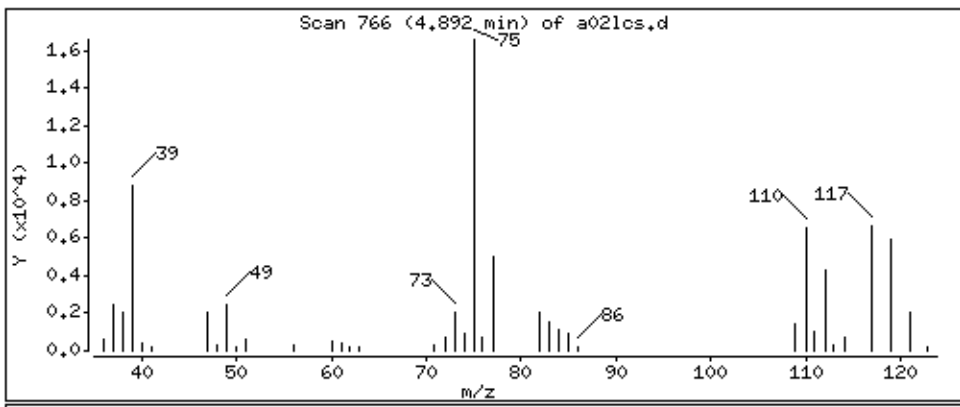
Operator: cap

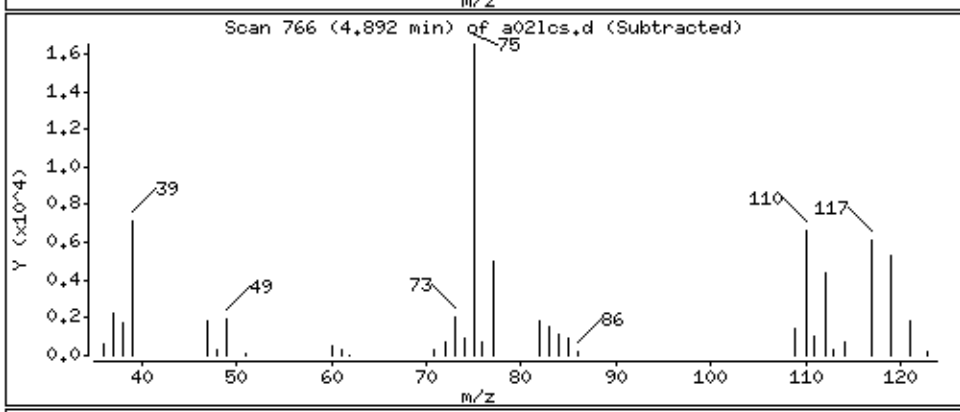
Column phase: DB-624

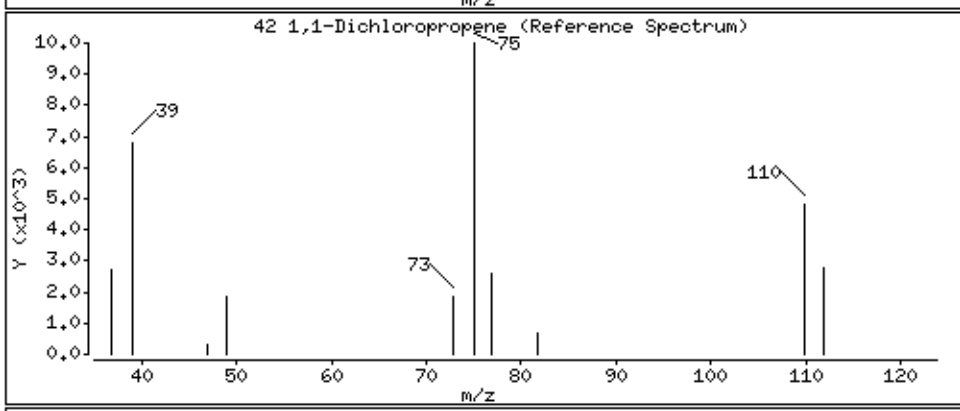
Column diameter: 0.18

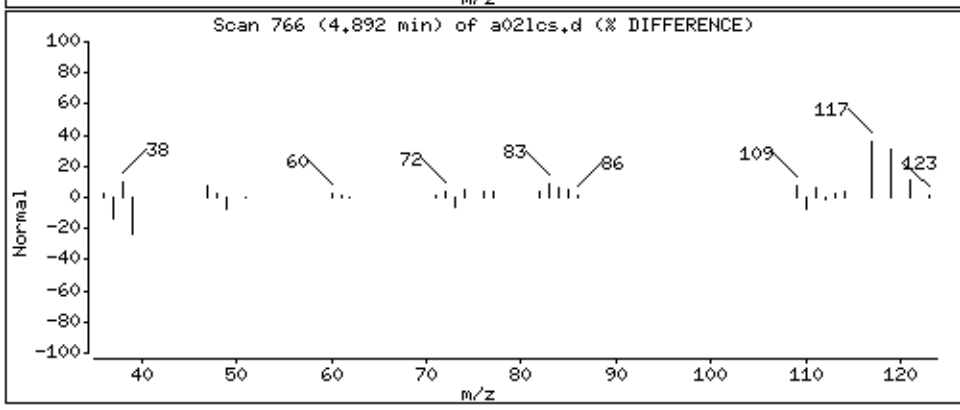
42 1,1-Dichloropropene

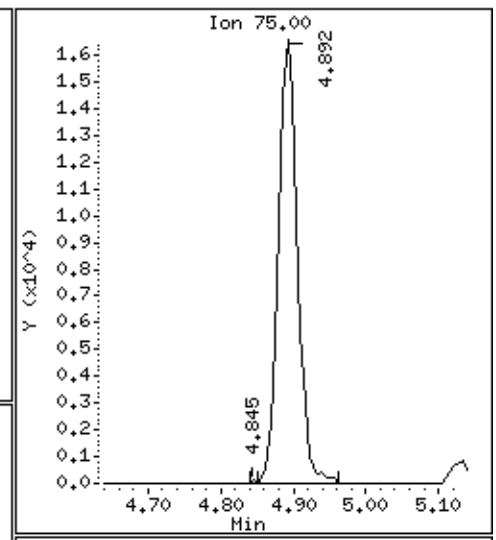
Concentration: 51.5 ppb

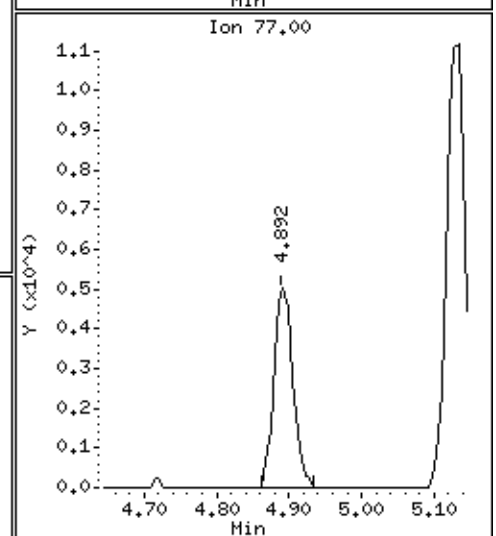


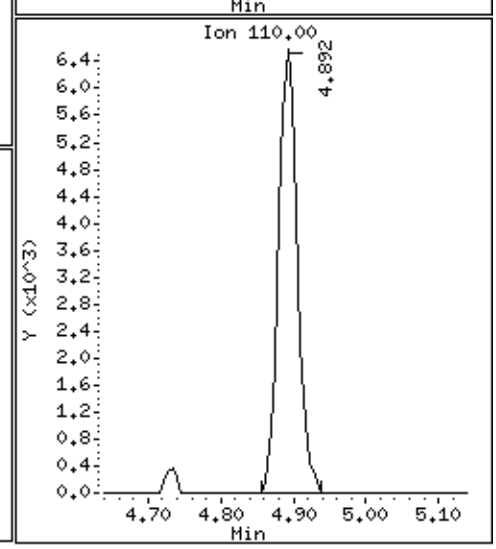












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

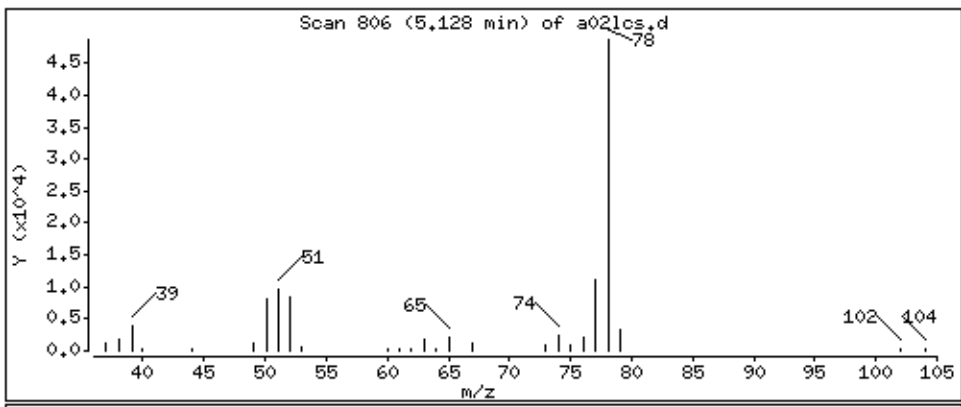
Operator: cap

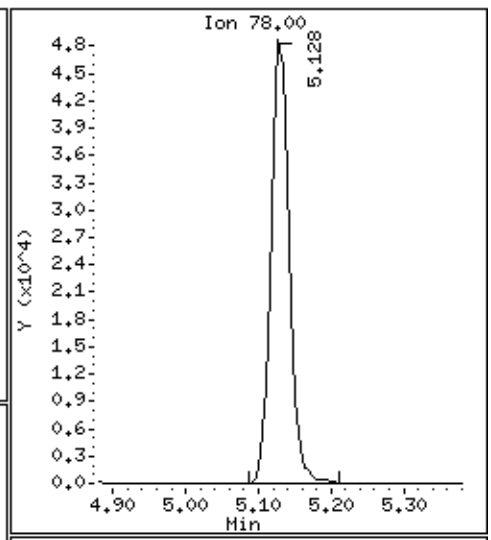
Column phase: DB-624

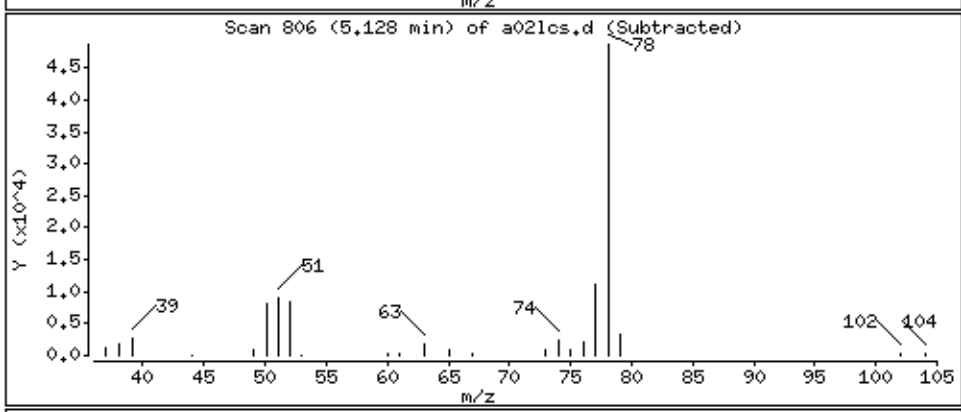
Column diameter: 0.18

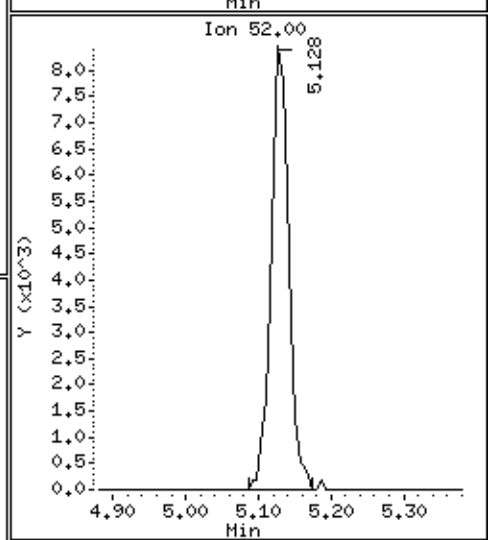
43 Benzene

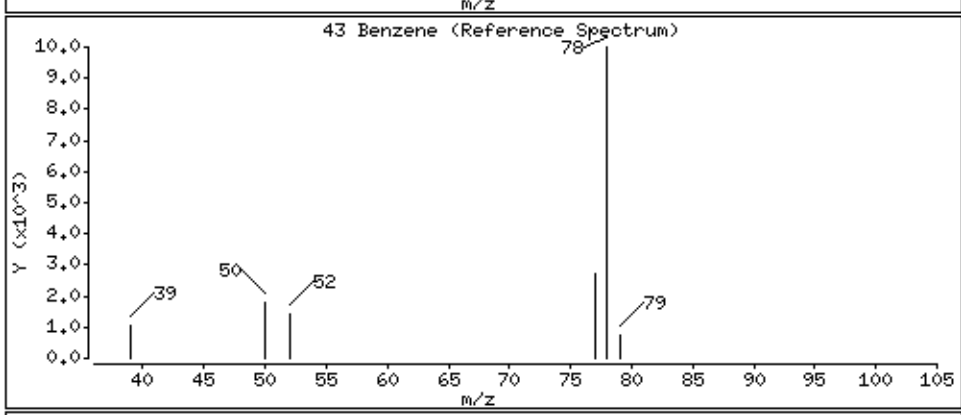
Concentration: 50.0 ppb

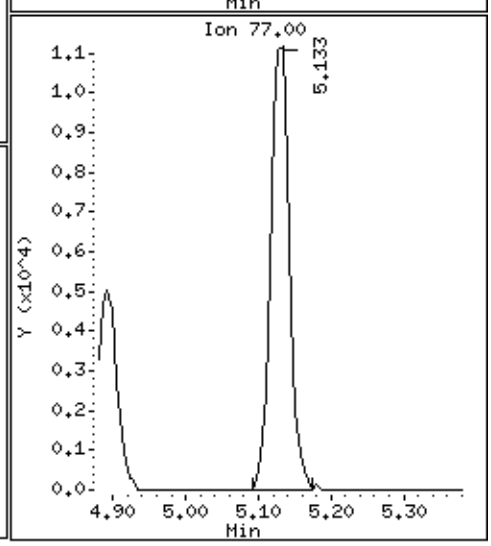


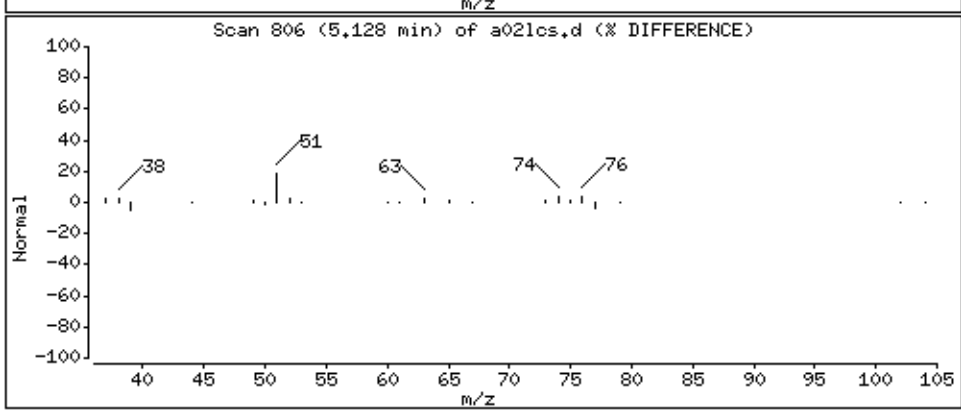












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

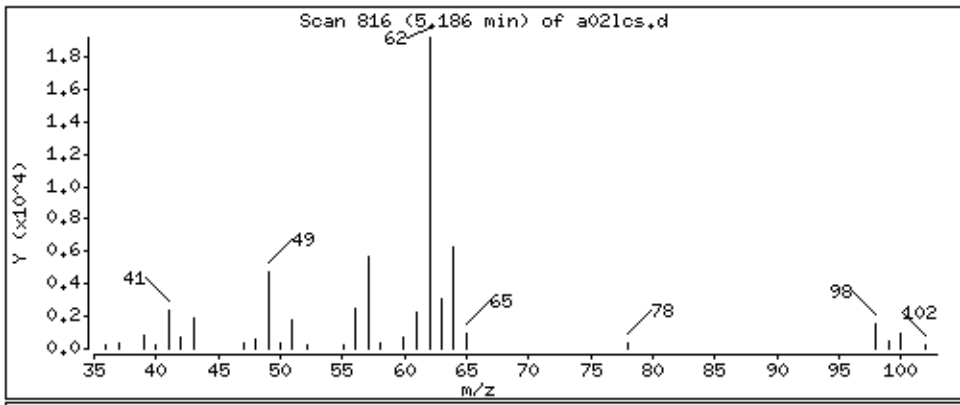
Operator: cap

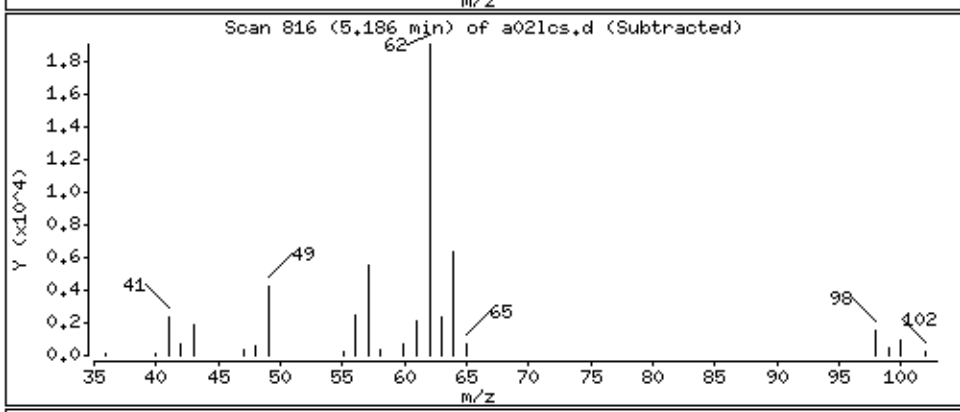
Column phase: DB-624

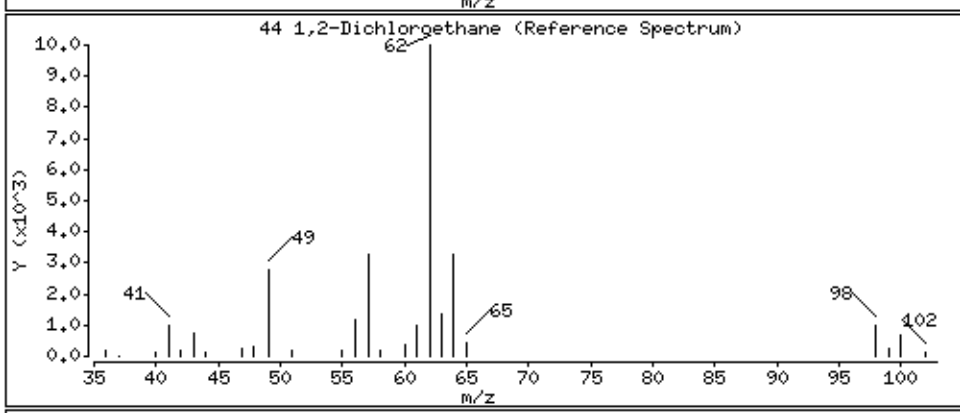
Column diameter: 0.18

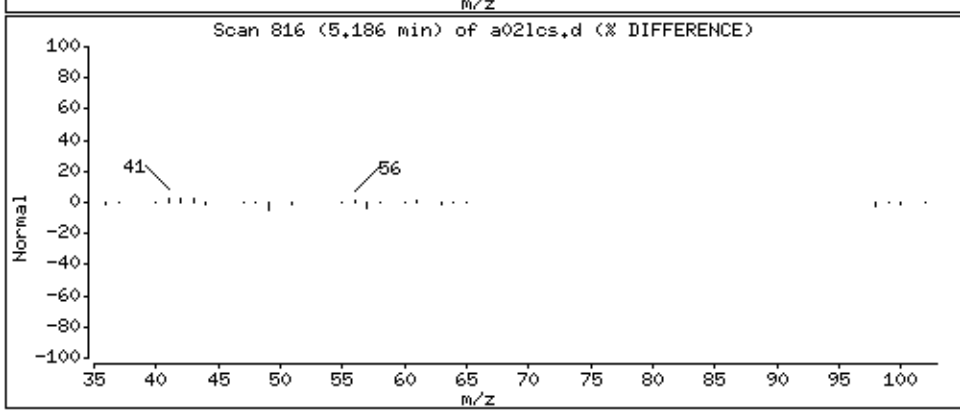
44 1,2-Dichloroethane

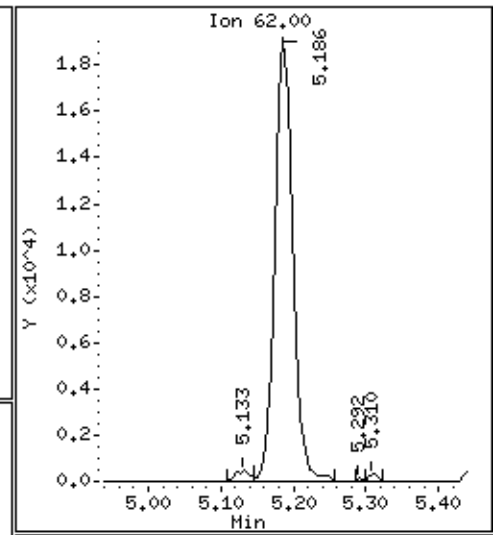
Concentration: 47.8 ppb

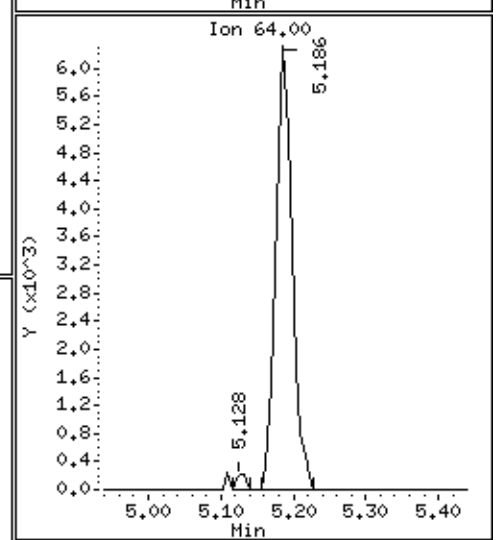


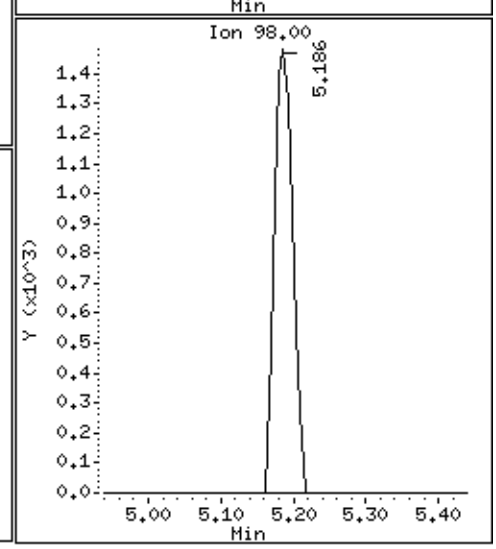












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

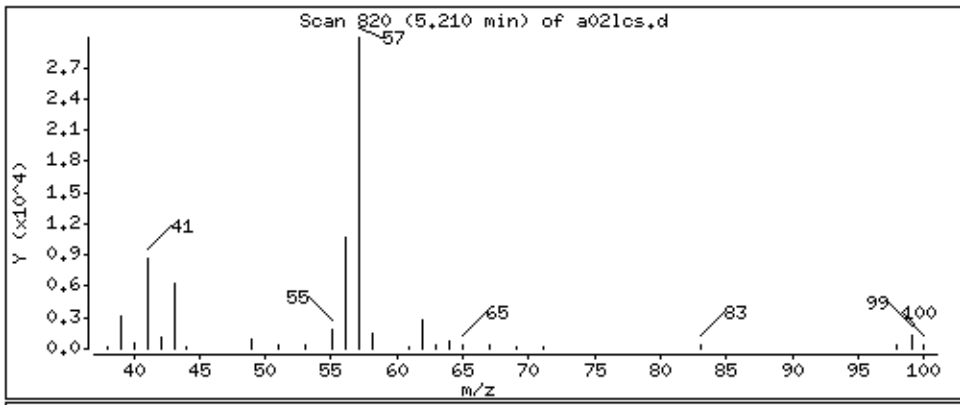
Operator: cap

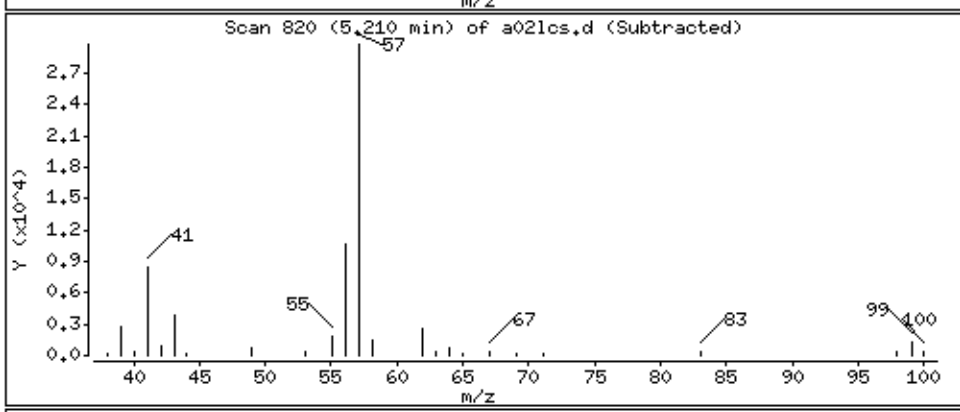
Column phase: DB-624

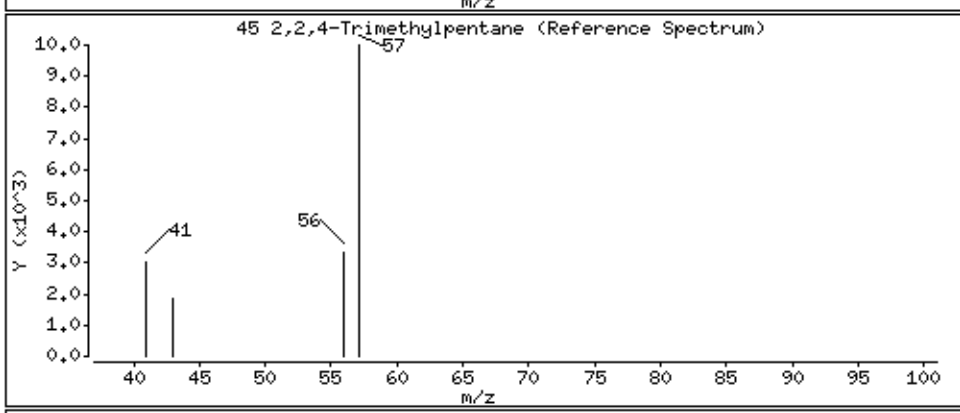
Column diameter: 0.18

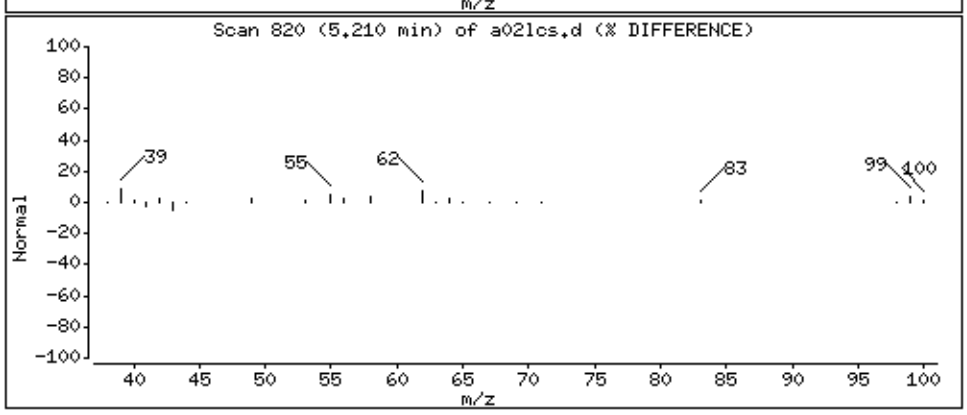
45 2,2,4-Trimethylpentane

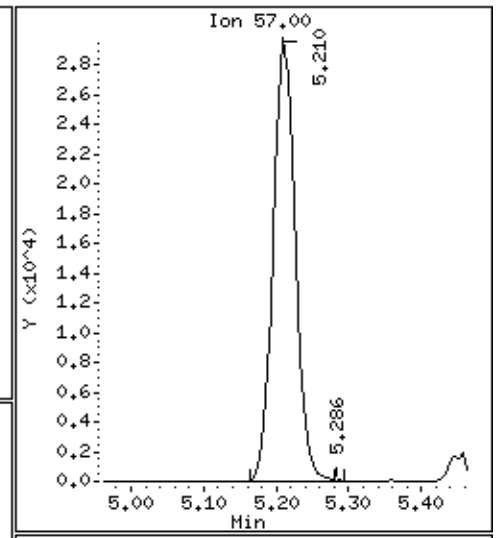
Concentration: 54.2 ppb

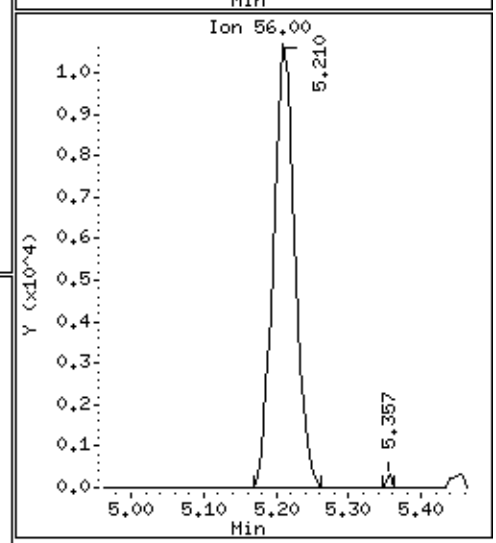












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

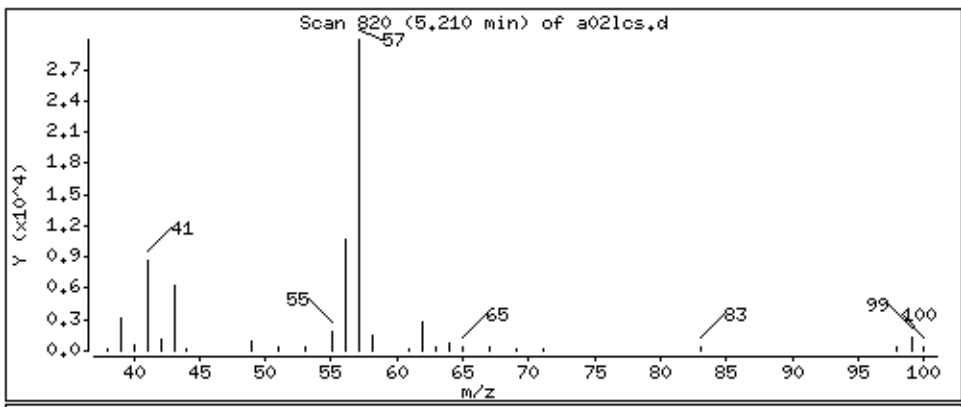
Purge Volume: 5.0

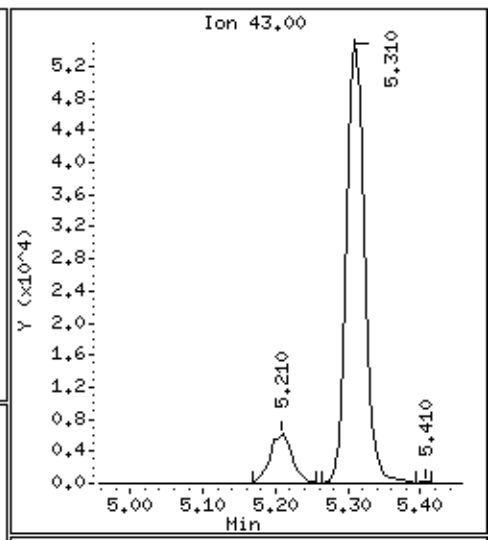
Operator: cap

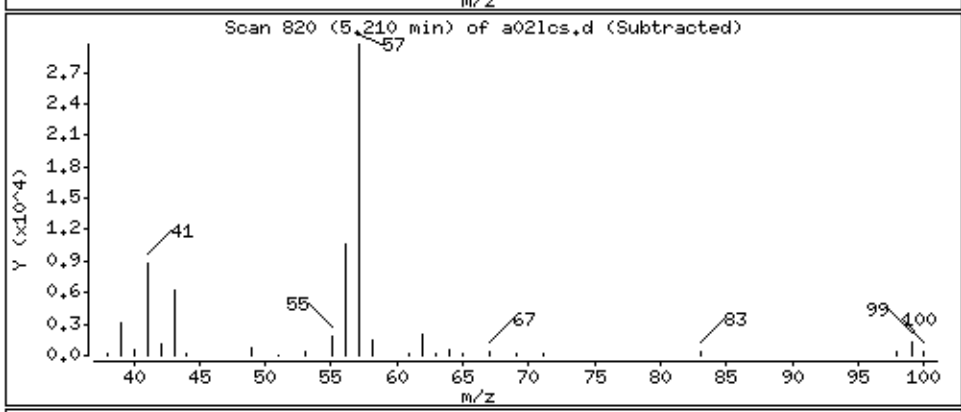
Column phase: DB-624

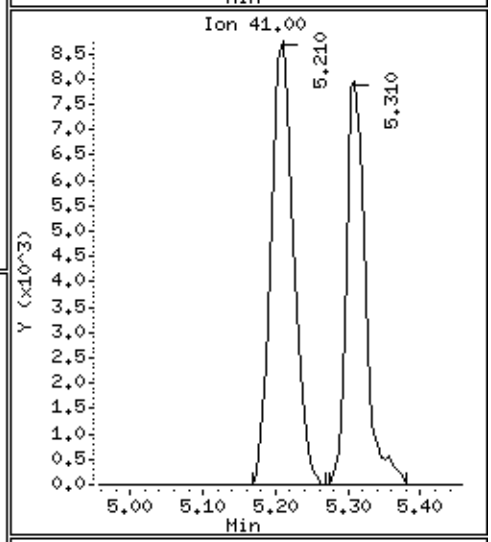
Column diameter: 0.18

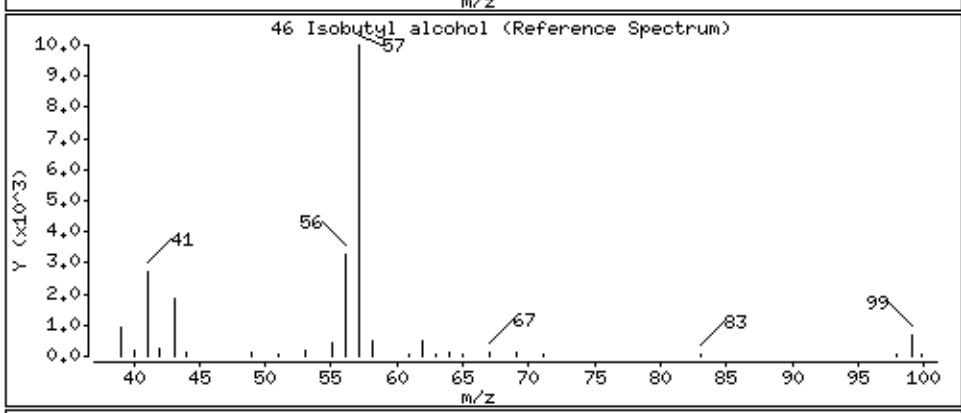
46 Isobutyl alcohol

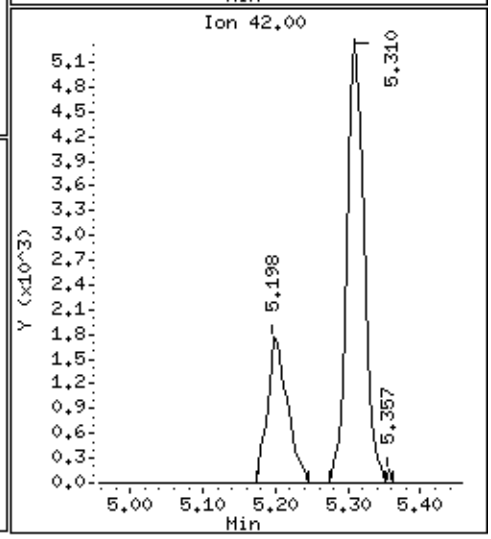


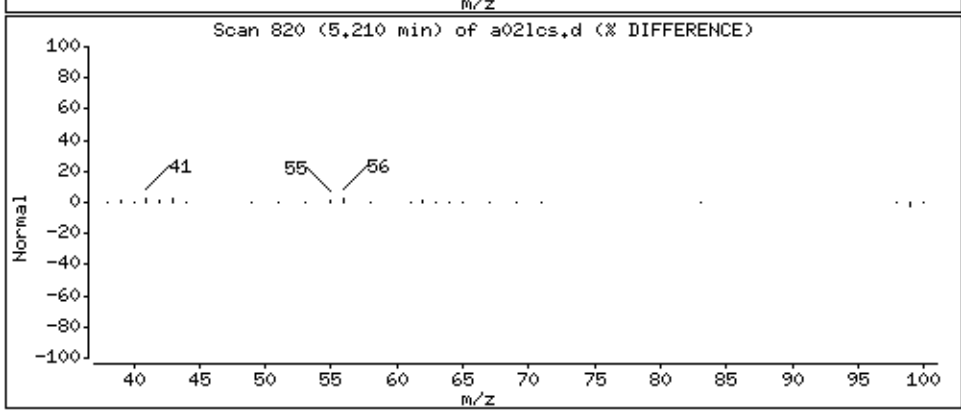












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

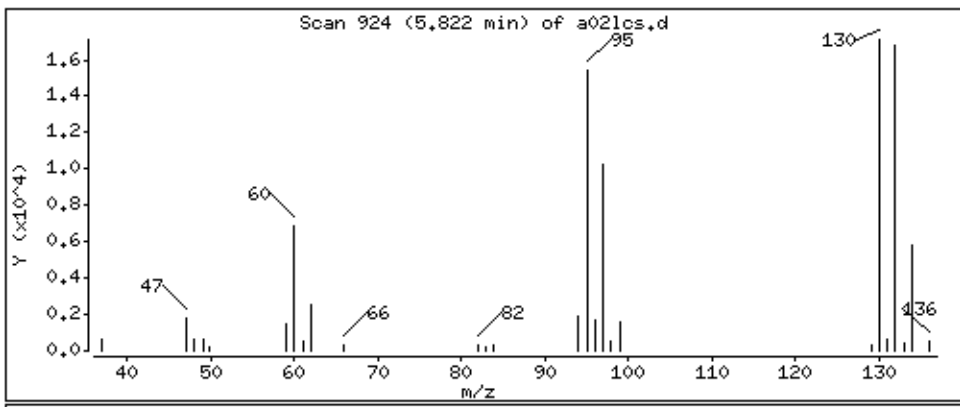
Operator: cap

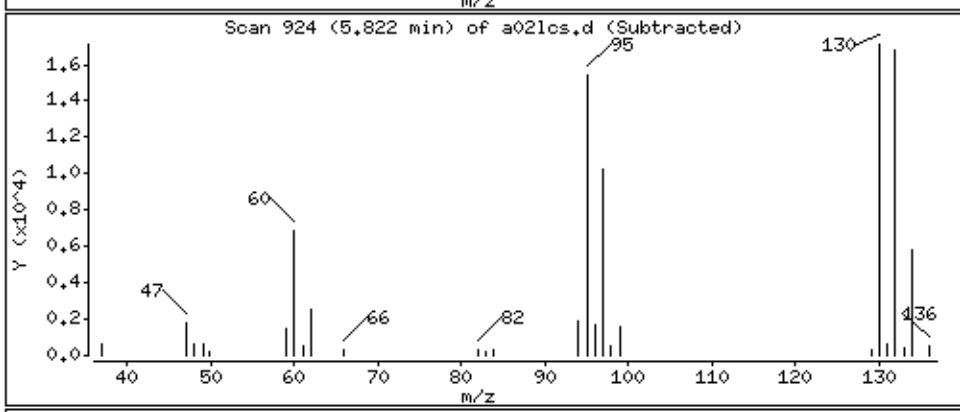
Column phase: DB-624

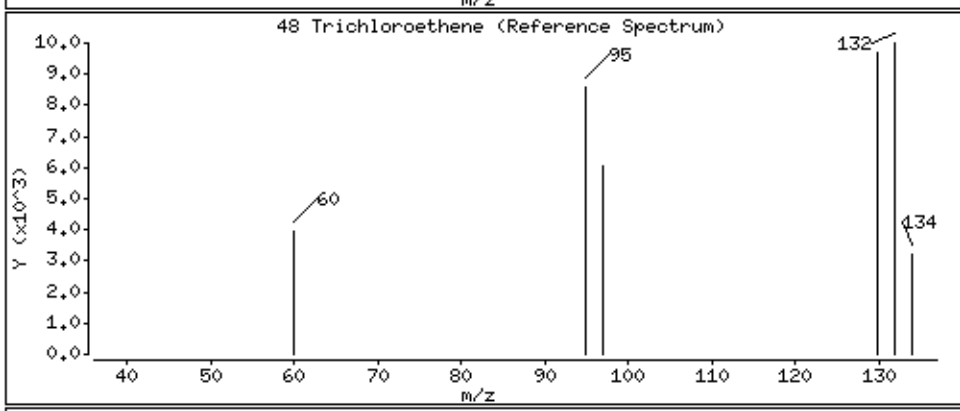
Column diameter: 0.18

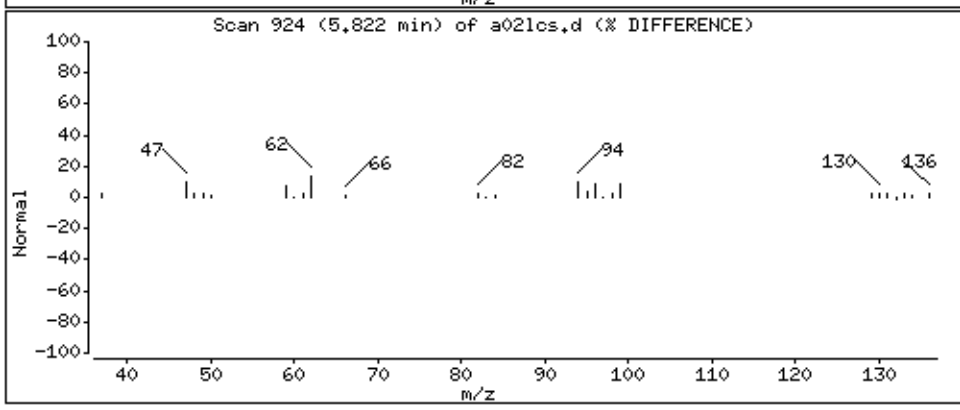
48 Trichloroethene

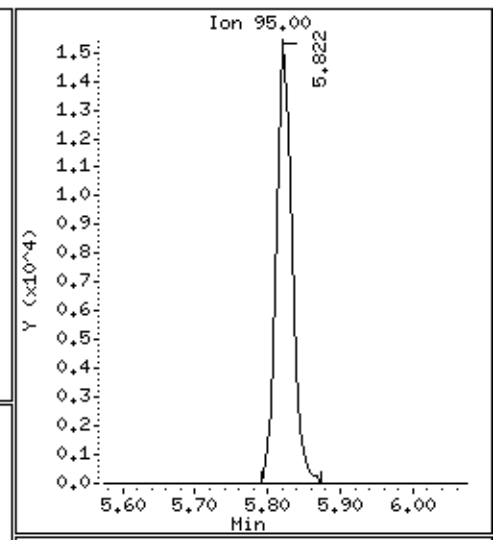
Concentration: 47.7 ppb

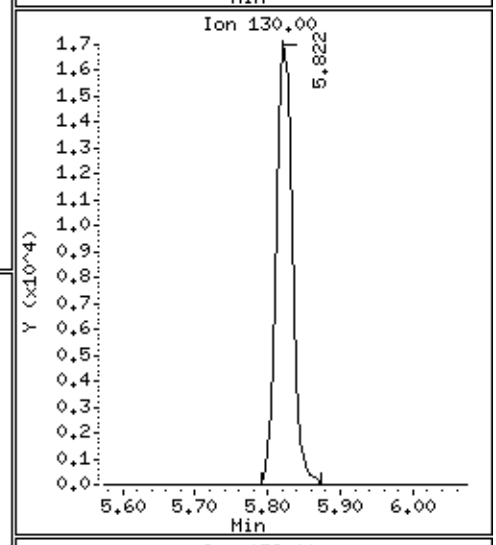


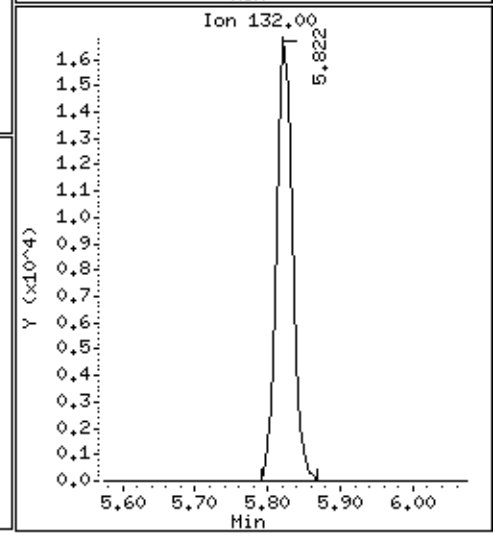












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

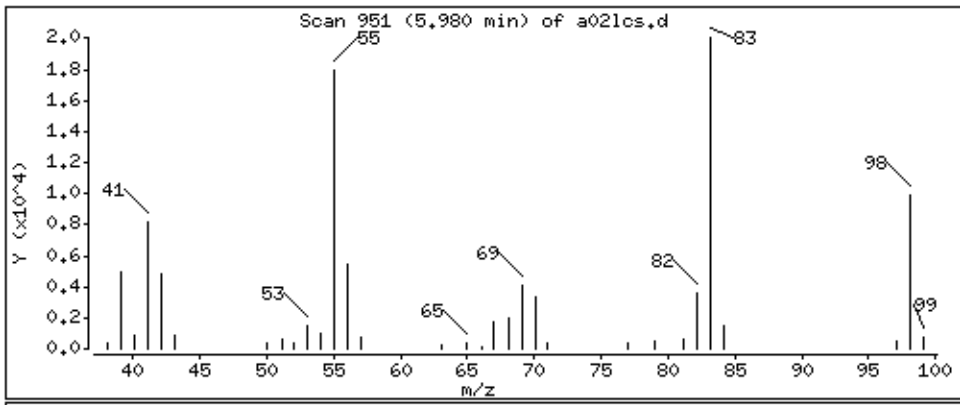
Operator: cap

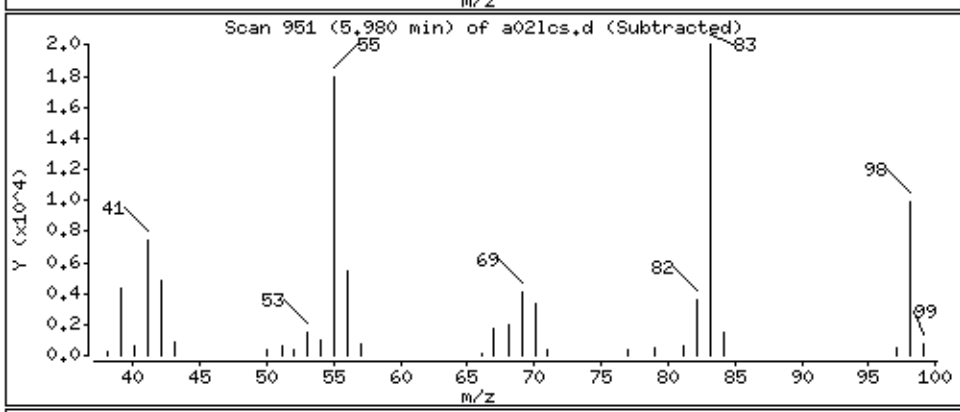
Column phase: DB-624

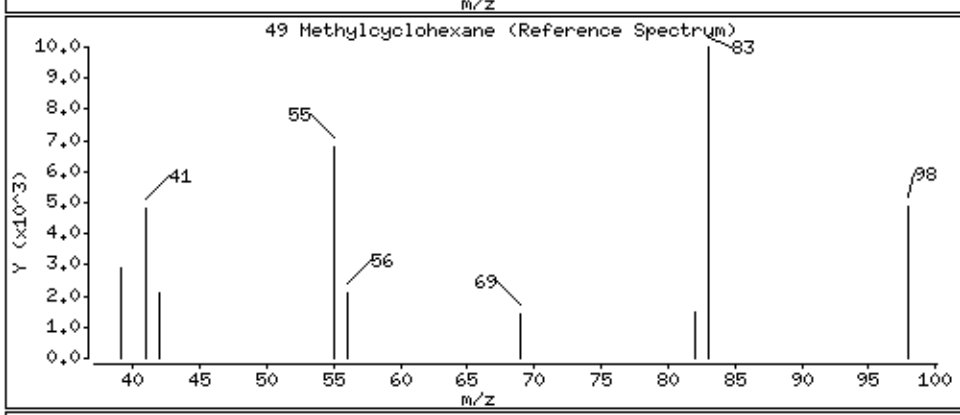
Column diameter: 0.18

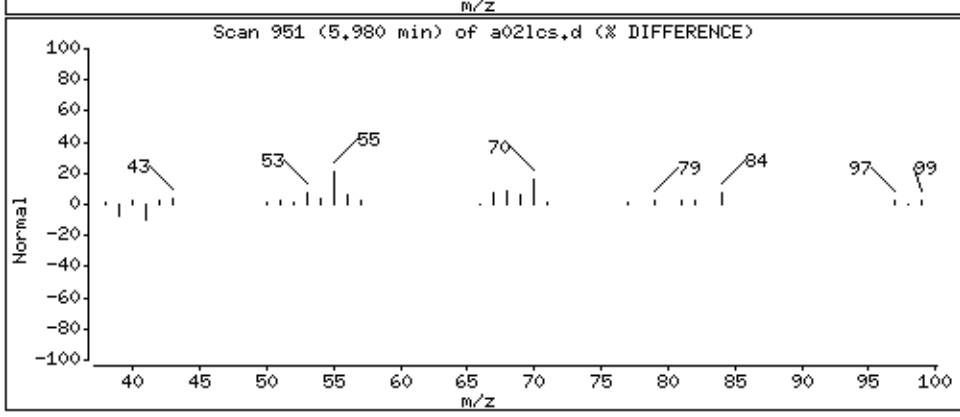
49 Methylcyclohexane

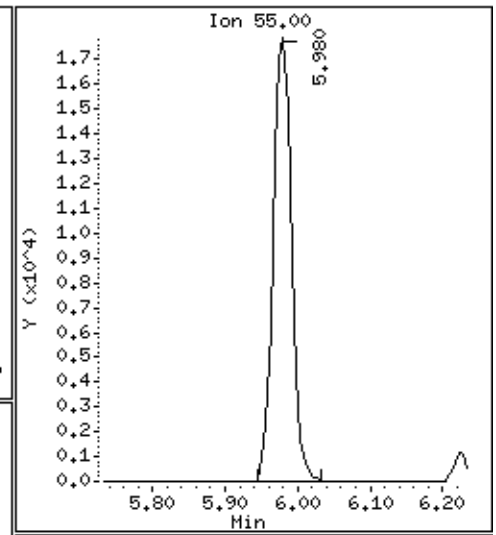
Concentration: 52.5 ppb

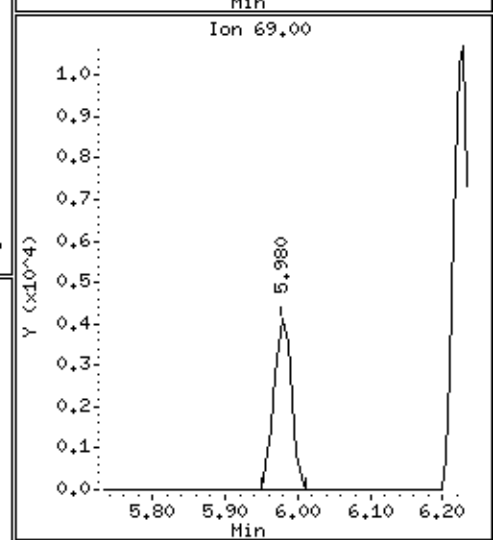


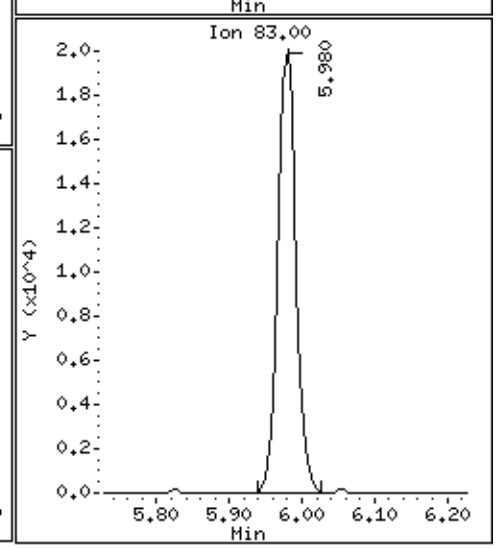












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

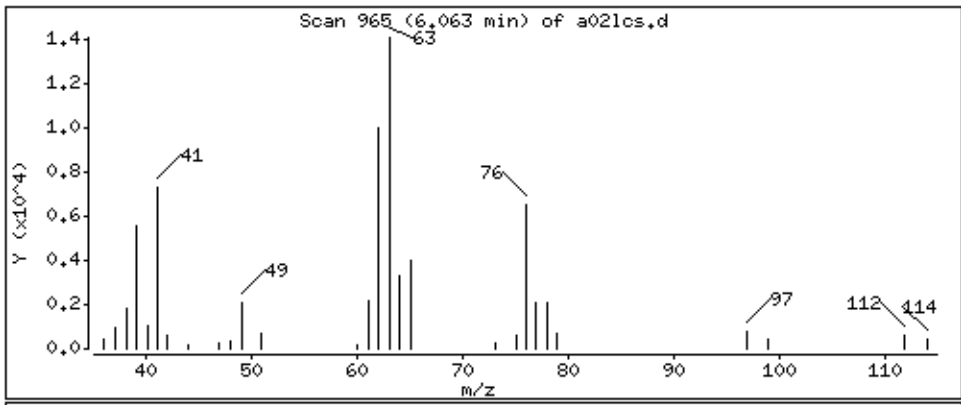
Operator: cap

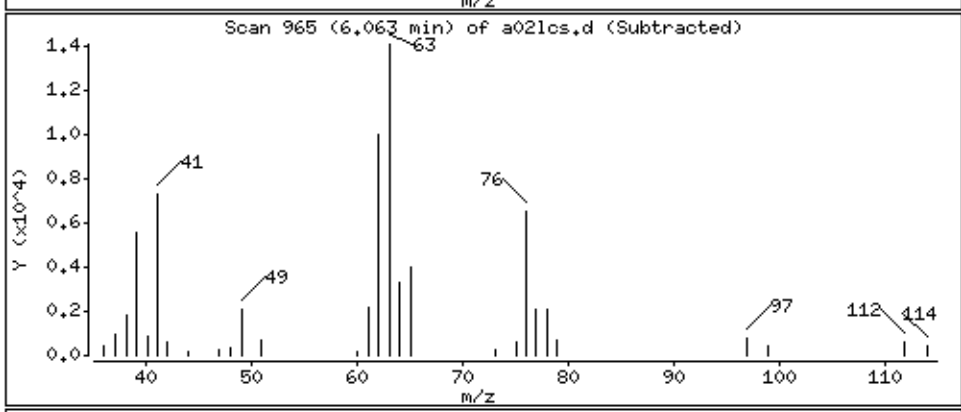
Column phase: DB-624

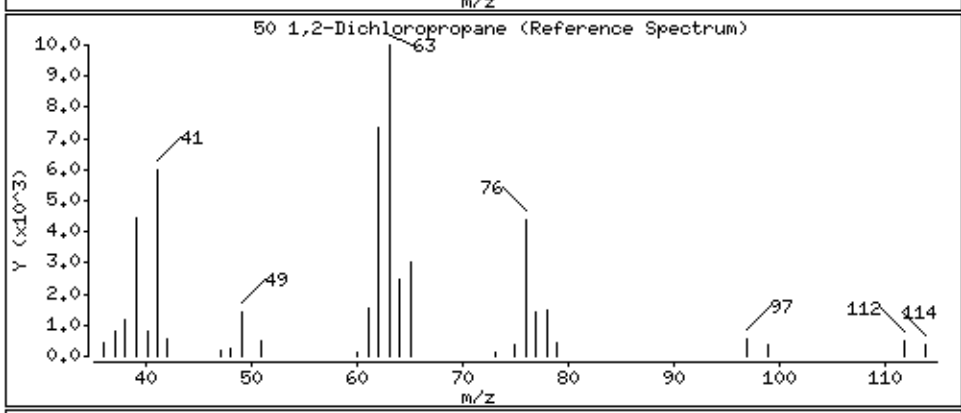
Column diameter: 0.18

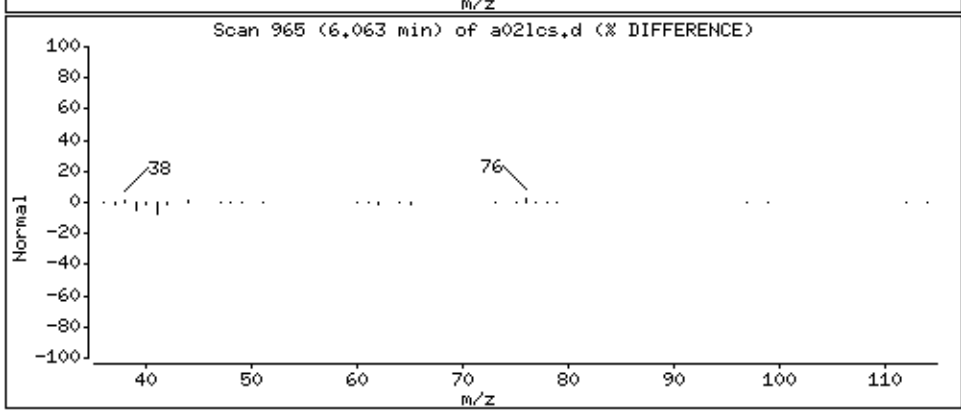
50 1,2-Dichloropropane

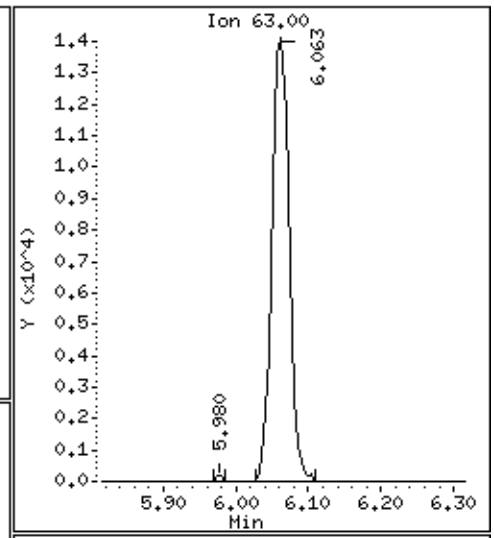
Concentration: 52.0 ppb

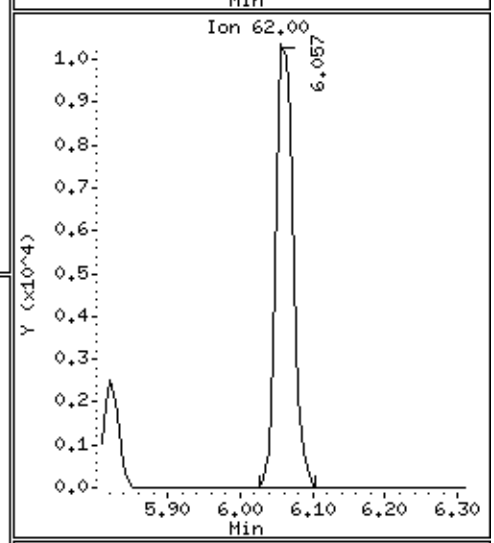


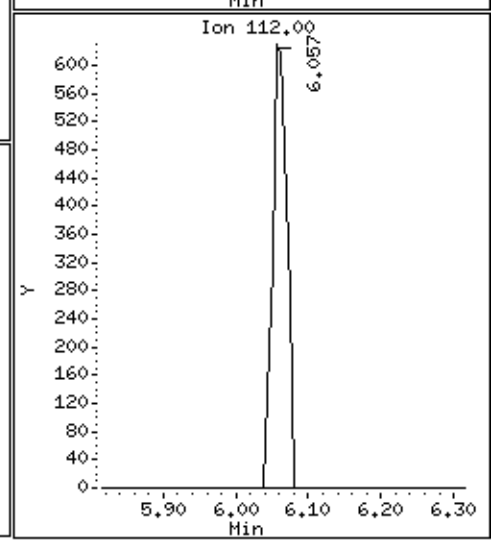












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

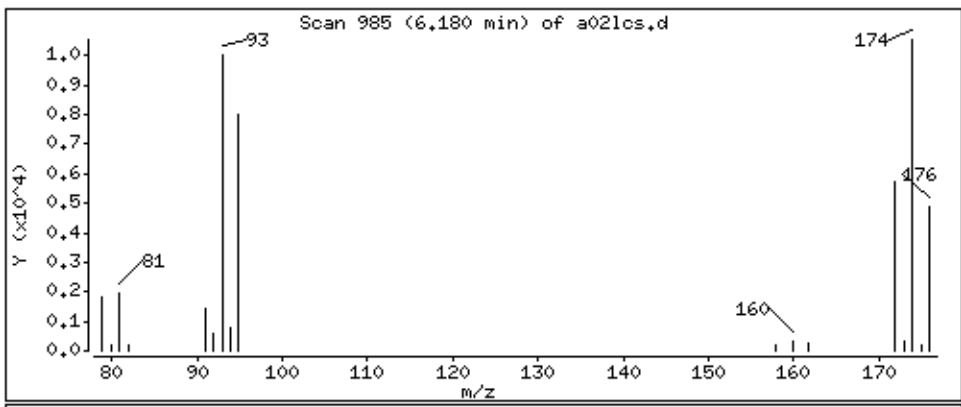
Operator: cap

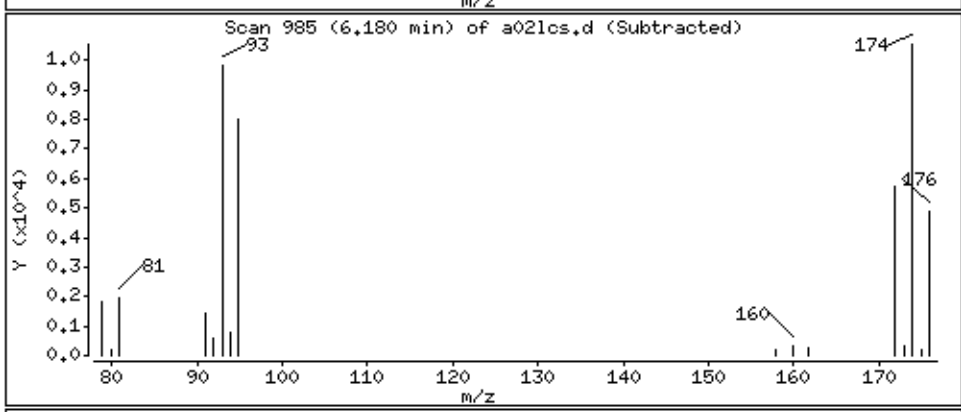
Column phase: DB-624

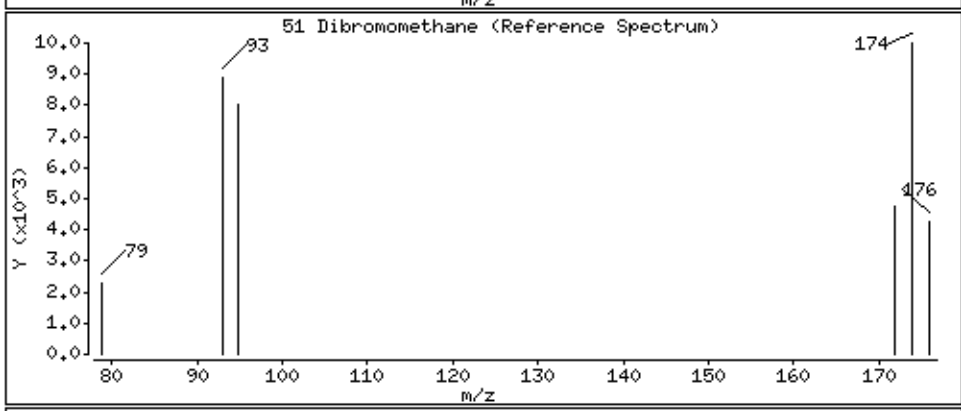
Column diameter: 0.18

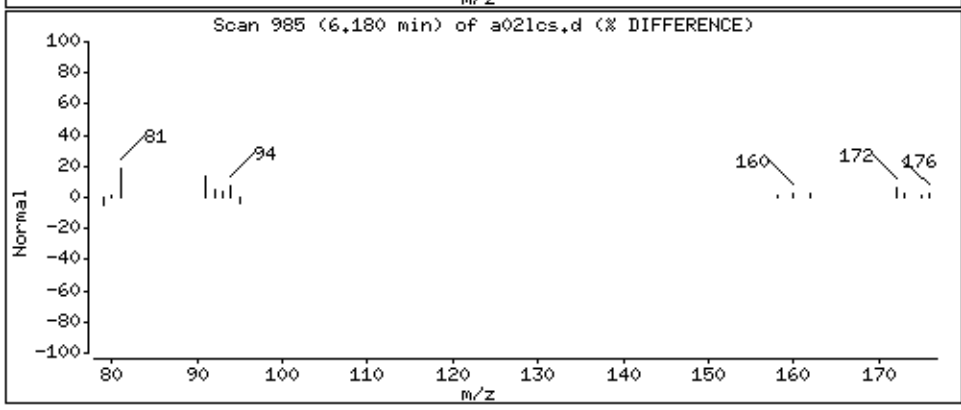
51 Dibromomethane

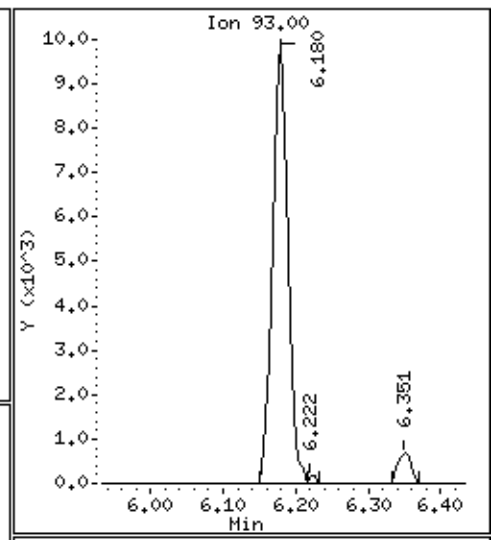
Concentration: 48.1 ppb

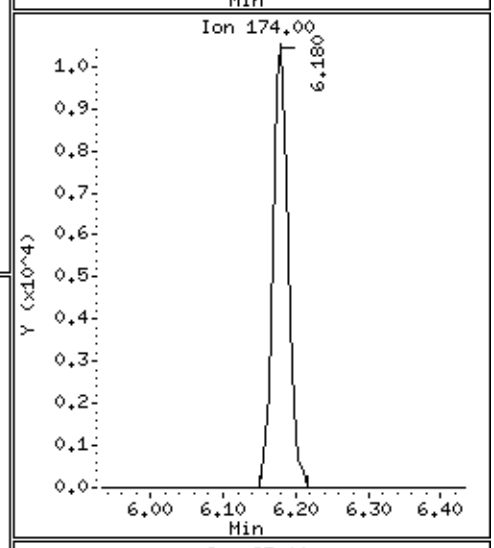


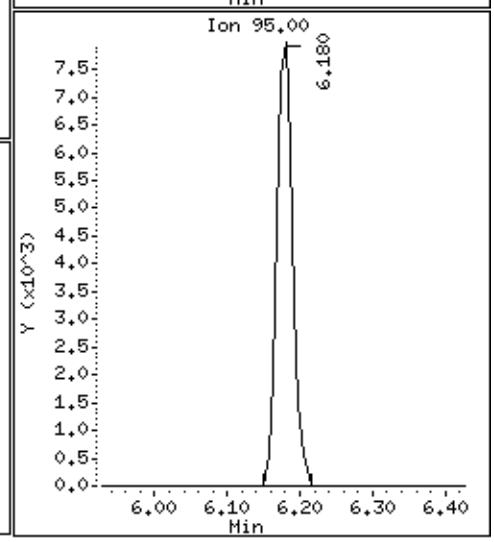












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

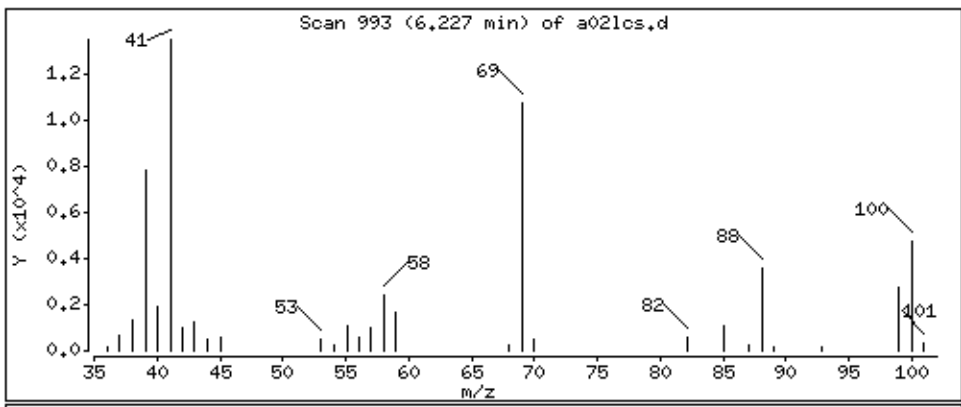
Operator: cap

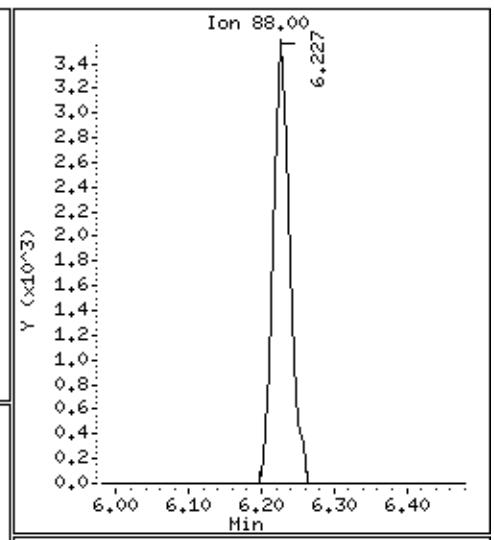
Column phase: DB-624

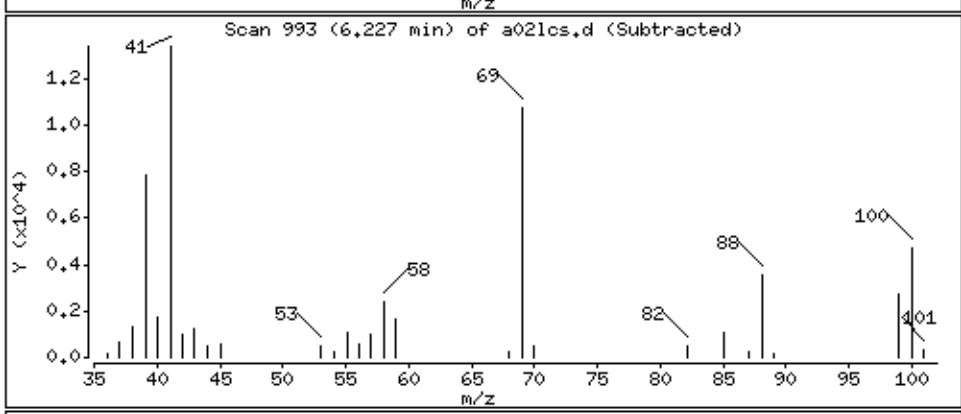
Column diameter: 0.18

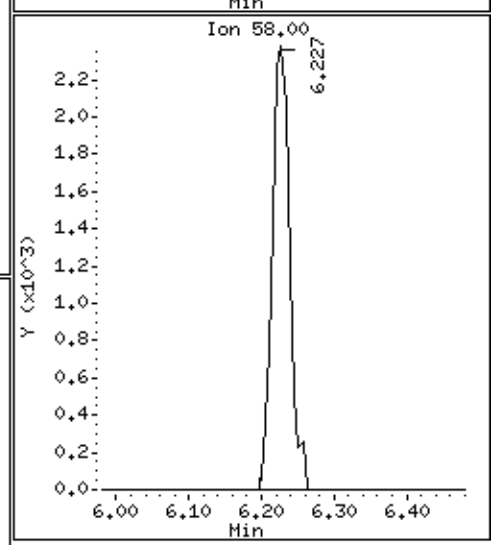
52 1,4-Dioxane

Concentration: 979 ppb









Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

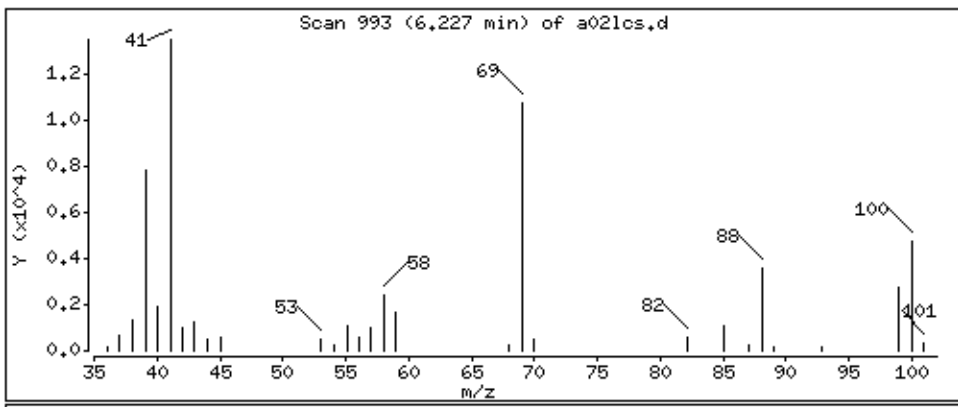
Operator: cap

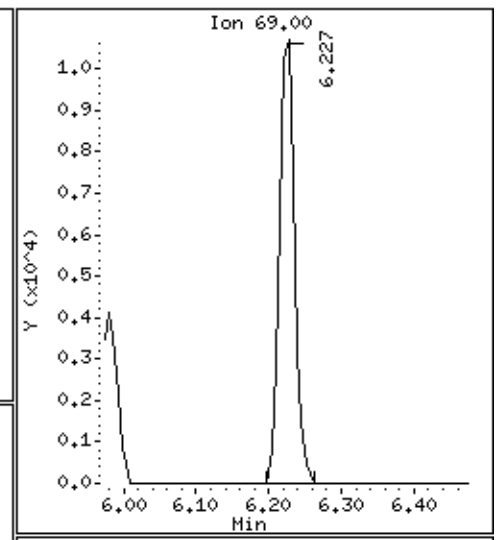
Column phase: DB-624

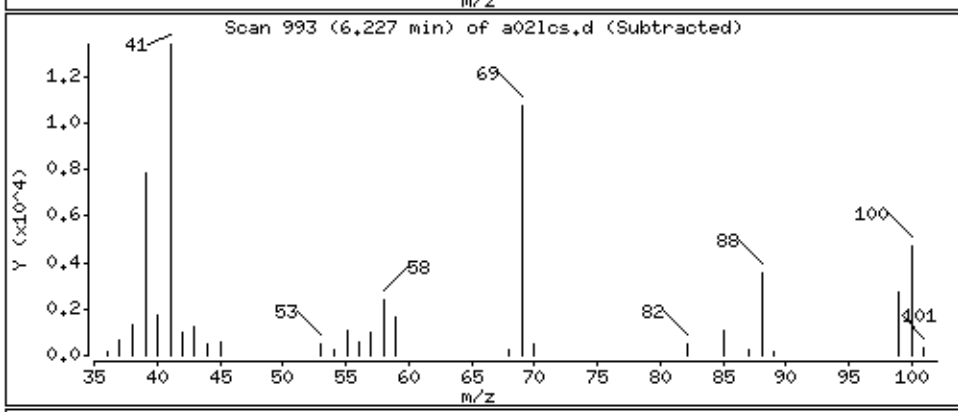
Column diameter: 0.18

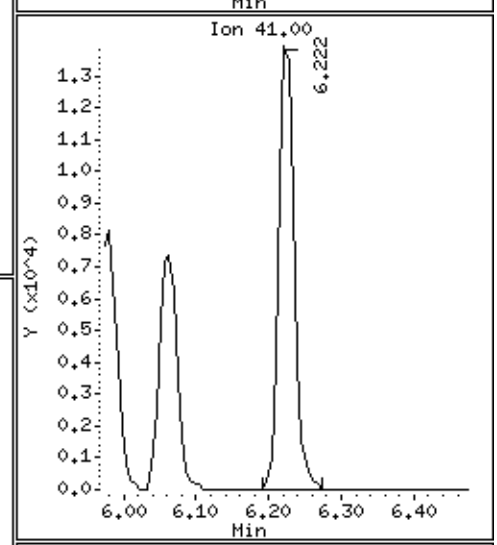
53 Methyl methacrylate

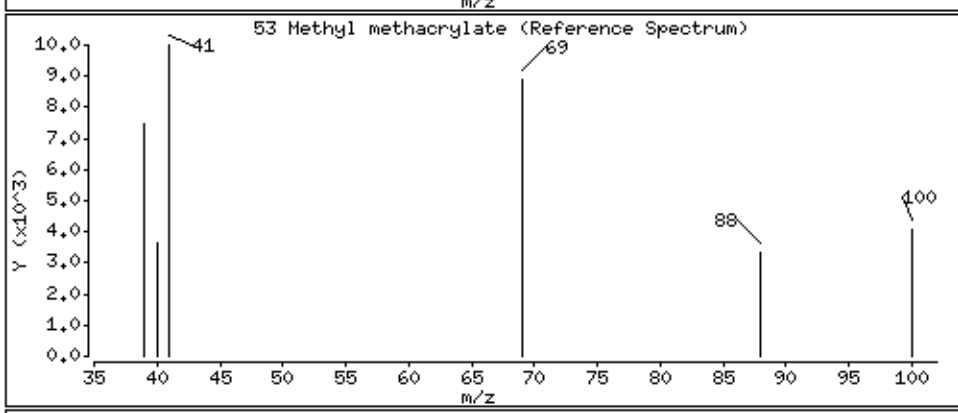
Concentration: 50.7 ppb

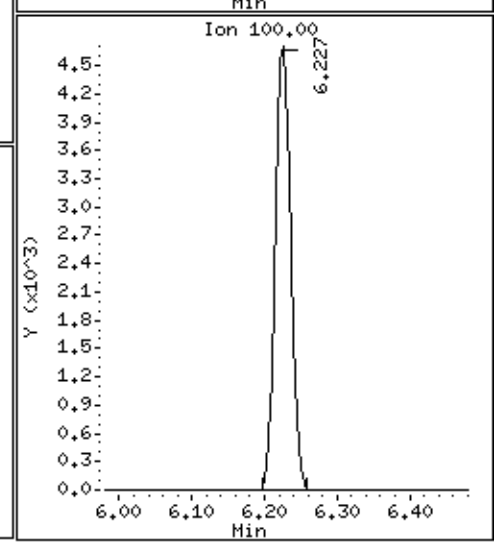


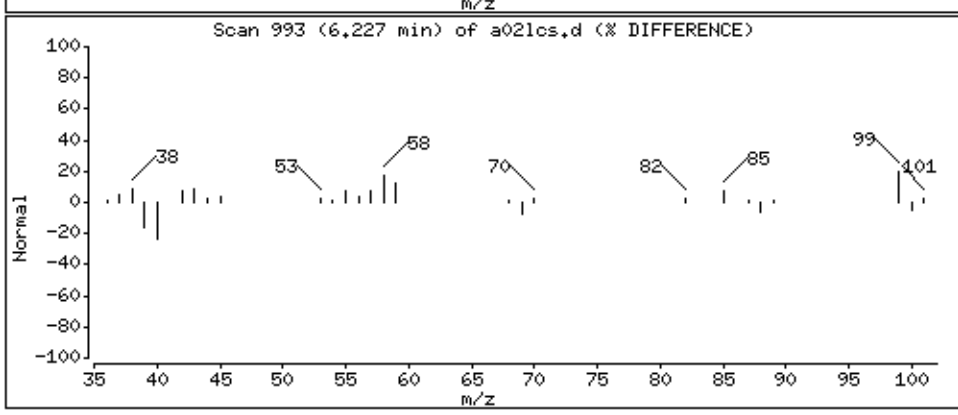












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

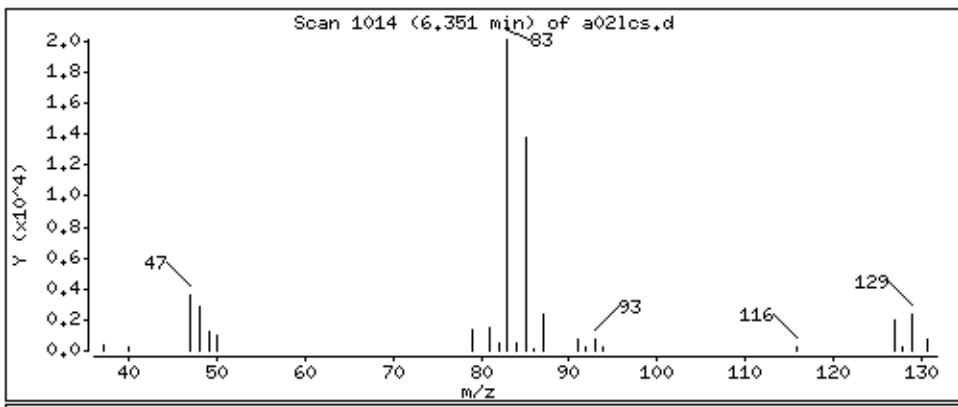
Operator: cap

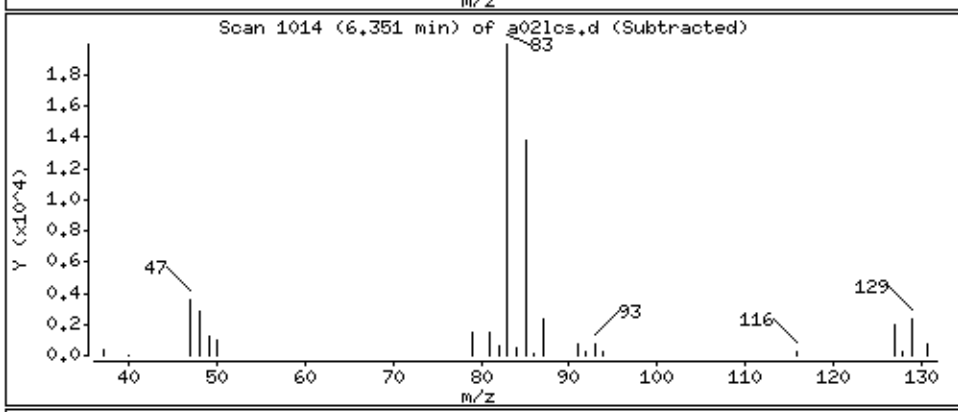
Column phase: DB-624

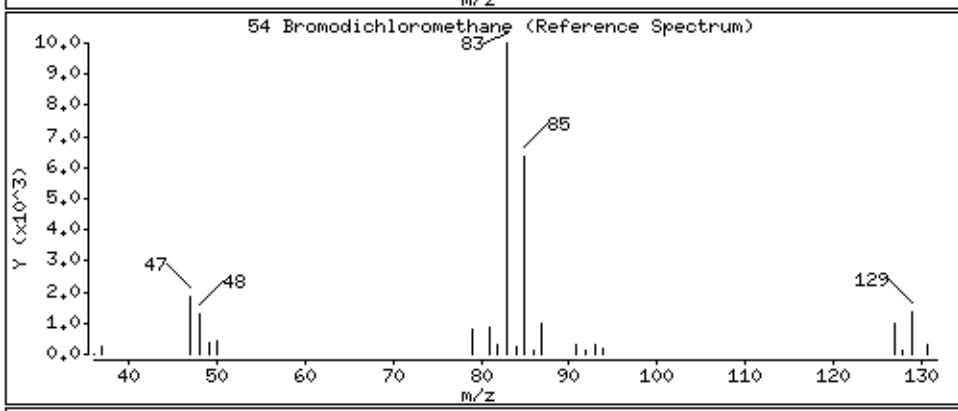
Column diameter: 0.18

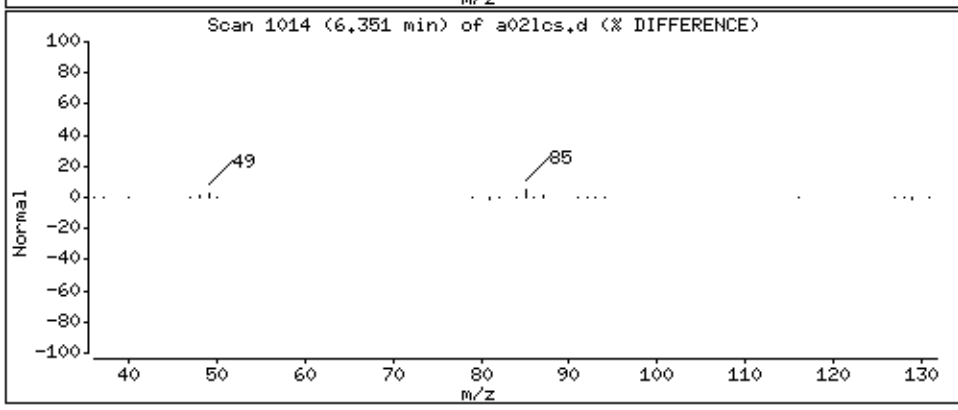
54 Bromodichloromethane

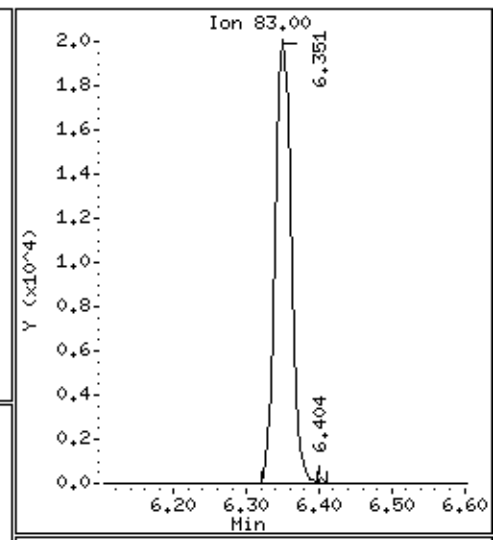
Concentration: 50.8 ppb

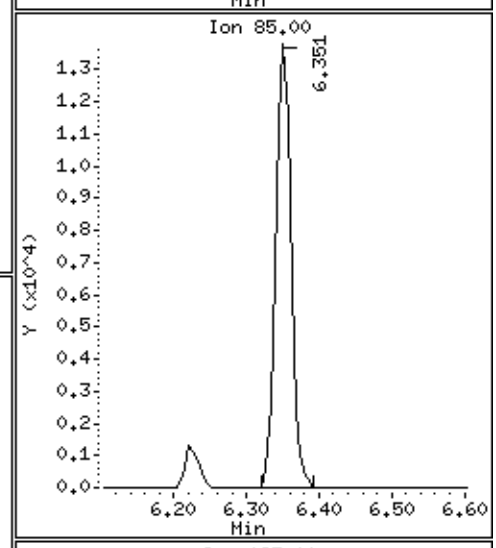


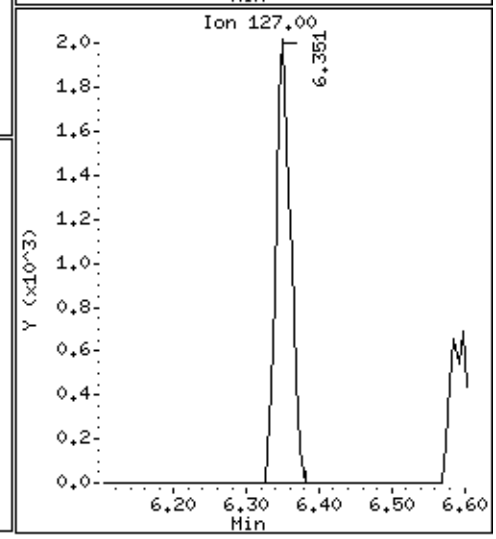












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

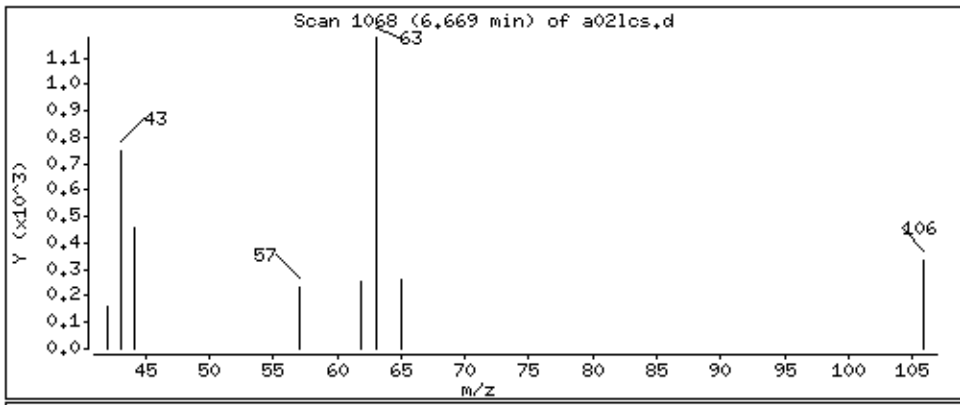
Operator: cap

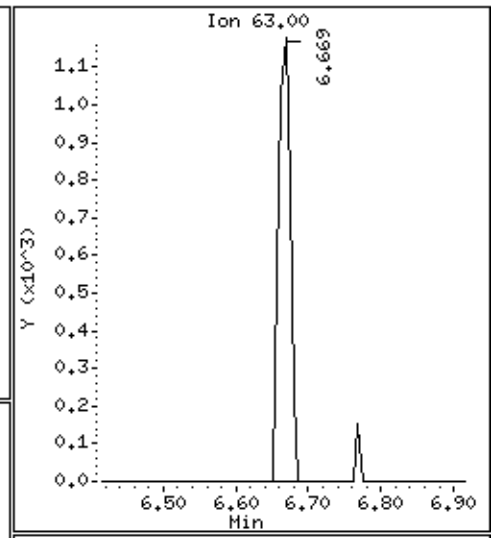
Column phase: DB-624

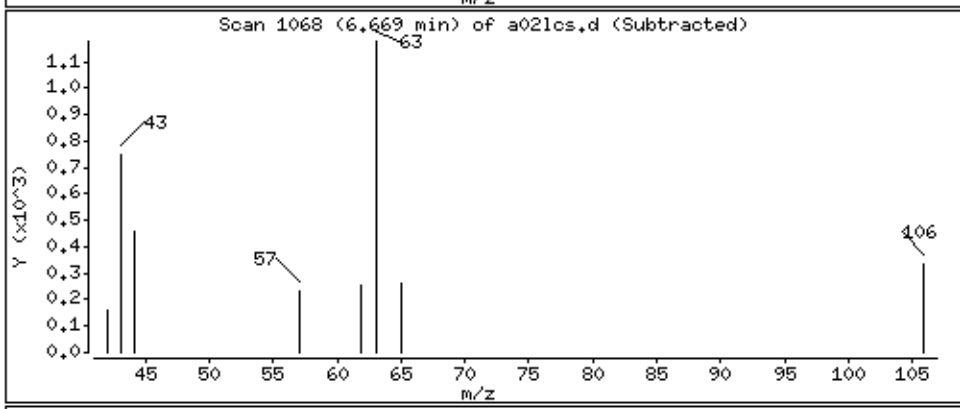
Column diameter: 0.18

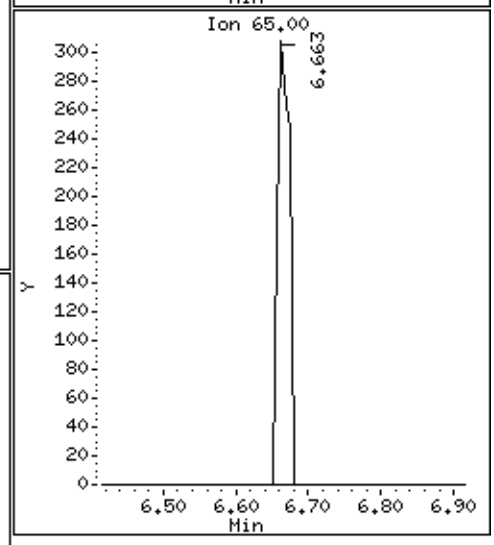
55 2-Chloroethyl vinyl ether

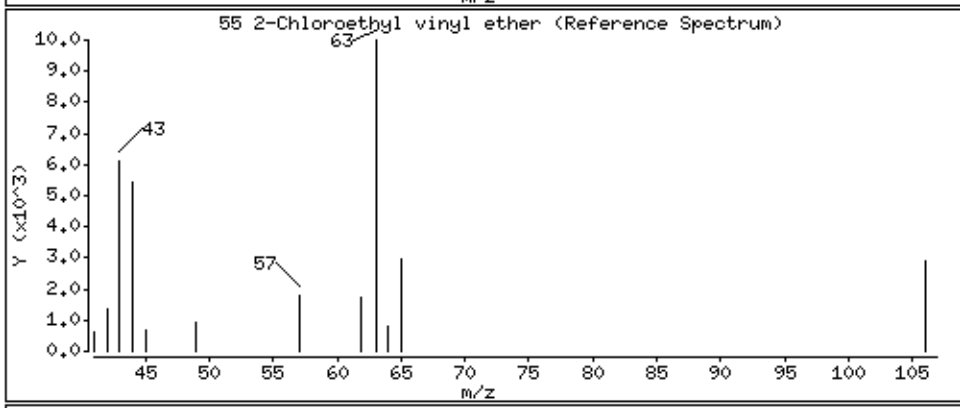
Concentration: 13.5 ppb

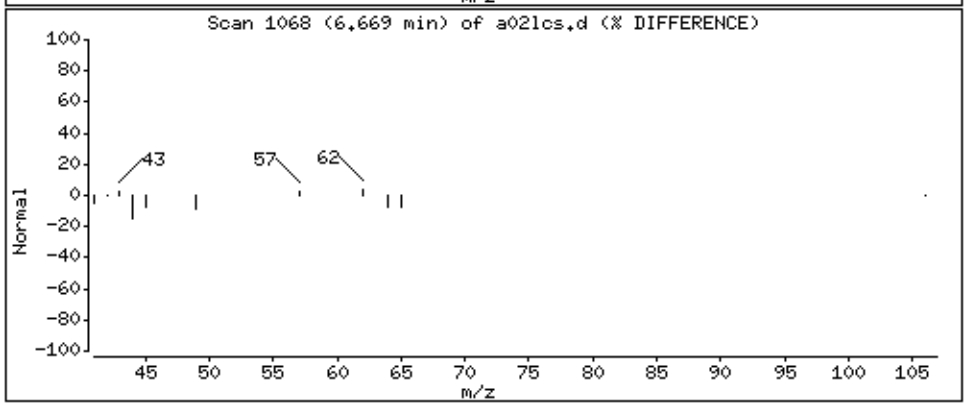












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

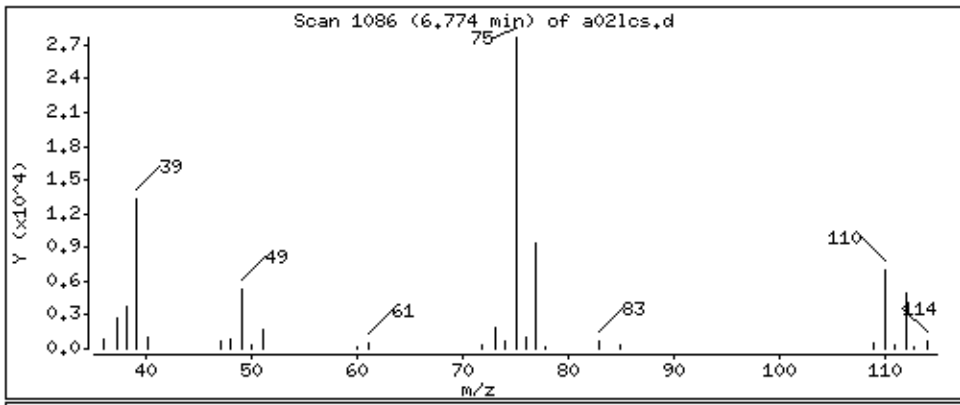
Operator: cap

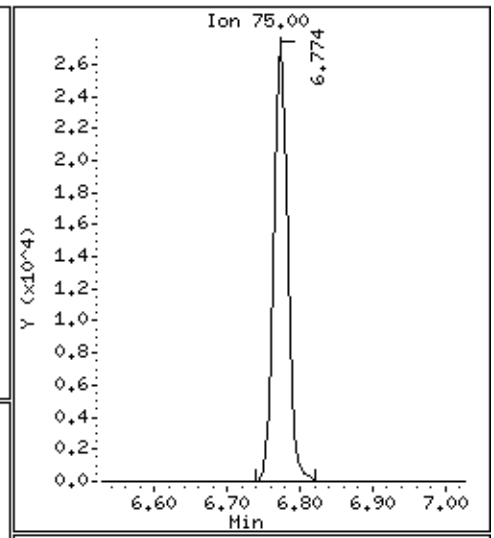
Column phase: DB-624

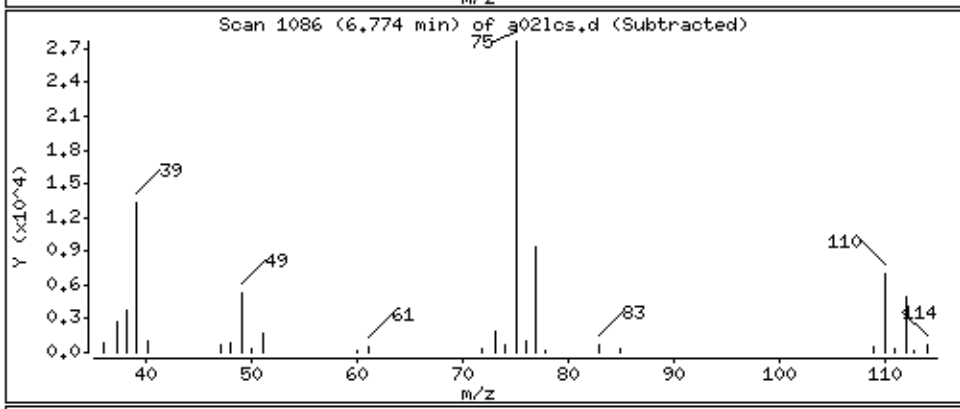
Column diameter: 0.18

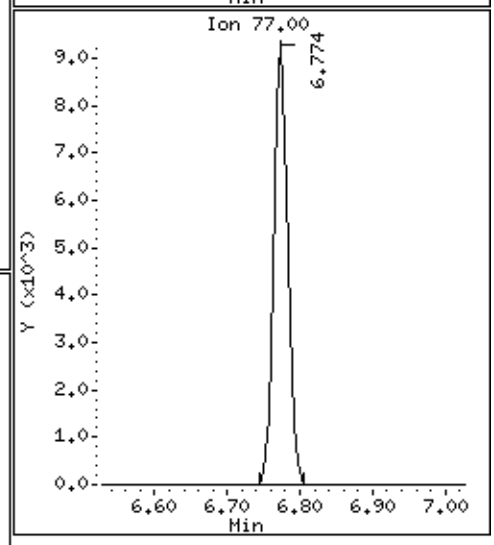
56 cis-1,3-Dichloropropene

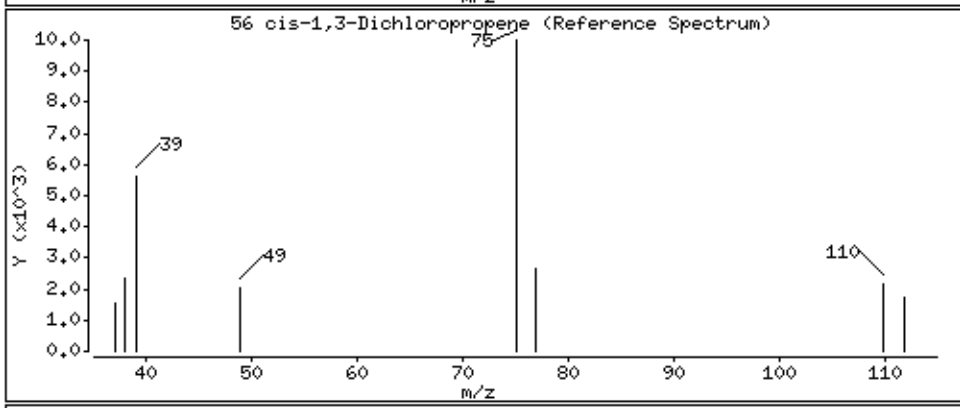
Concentration: 55.2 ppb

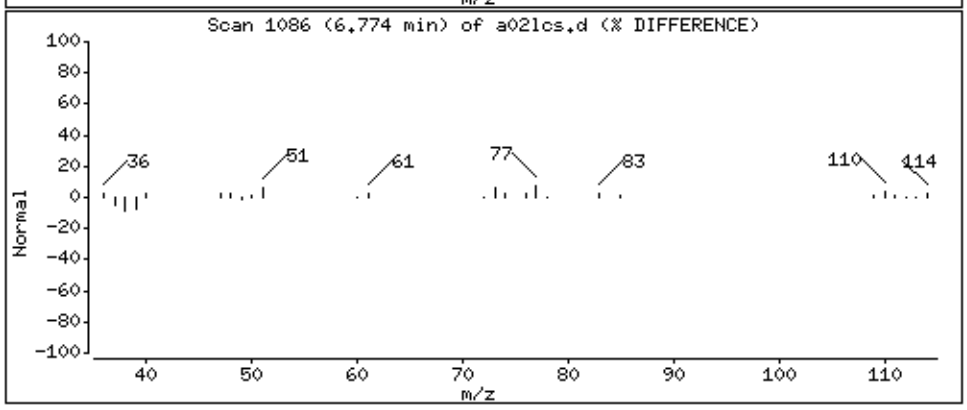












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

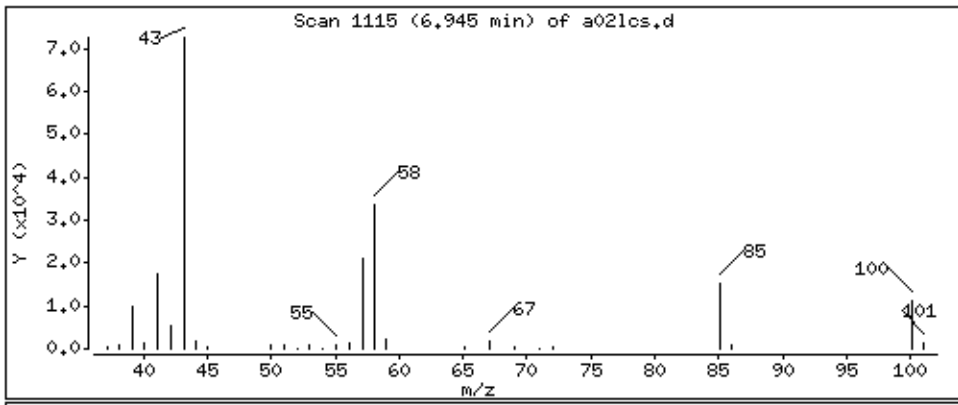
Operator: cap

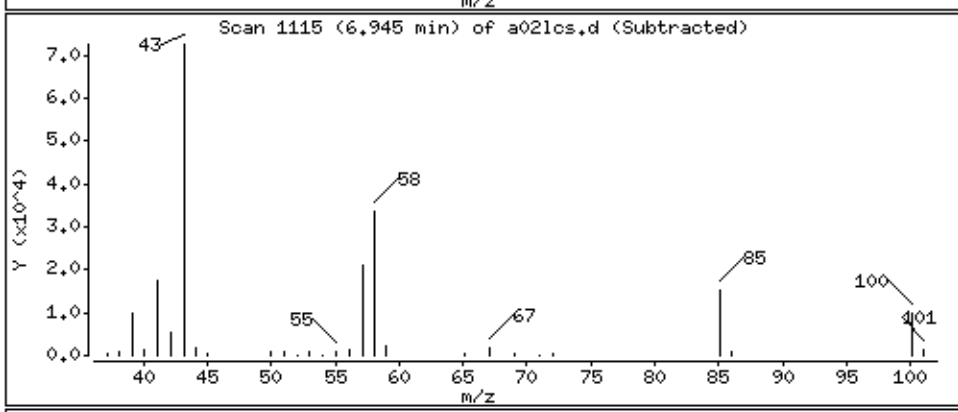
Column phase: DB-624

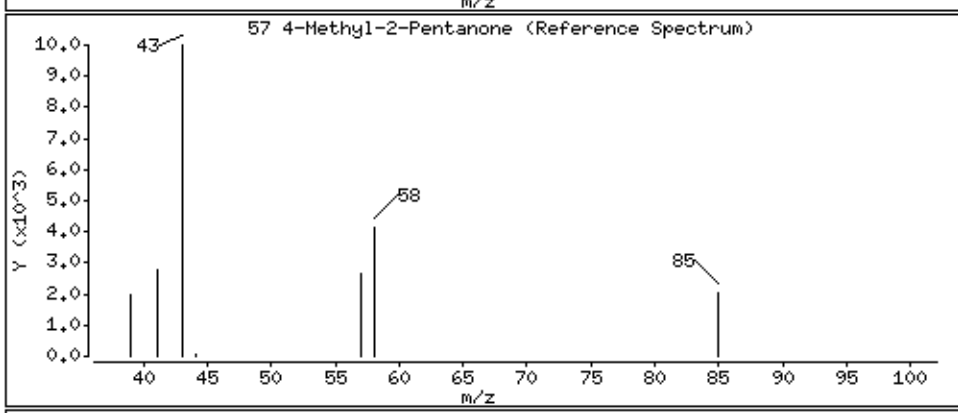
Column diameter: 0.18

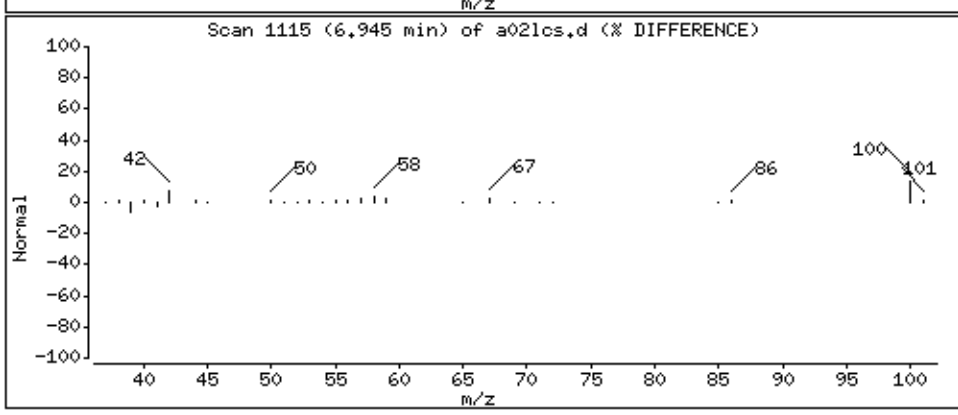
57 4-Methyl-2-Pentanone

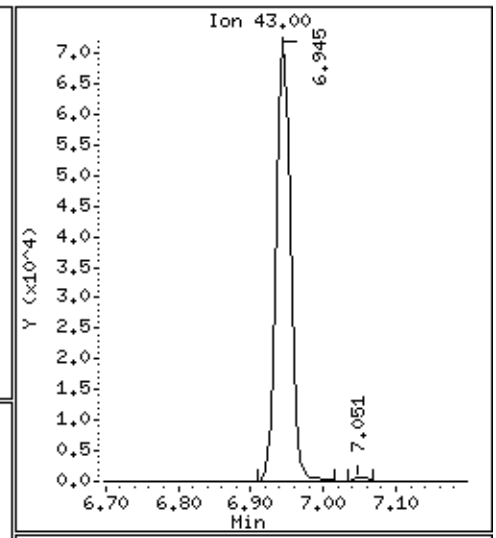
Concentration: 263 ppb

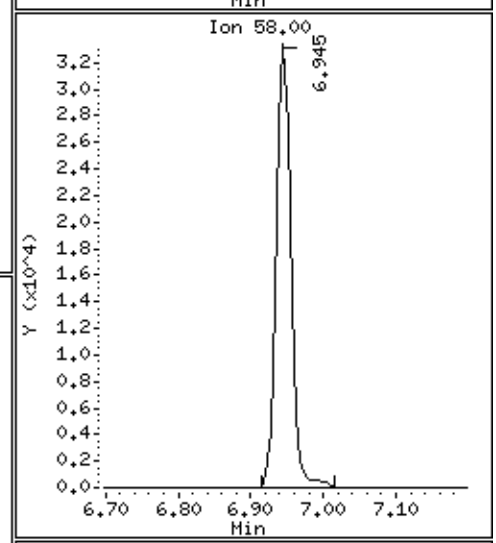


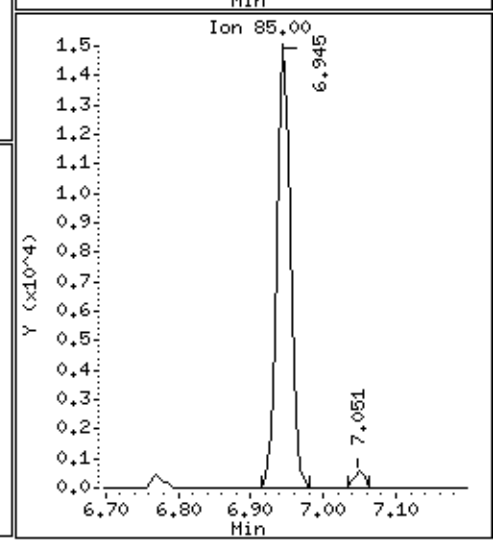












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

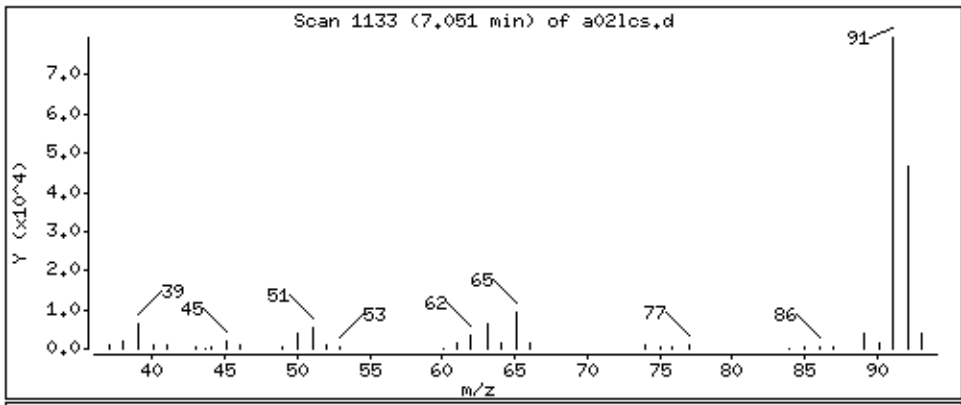
Operator: cap

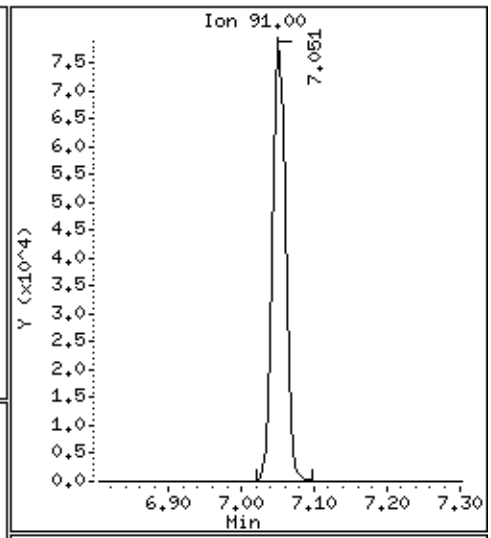
Column phase: DB-624

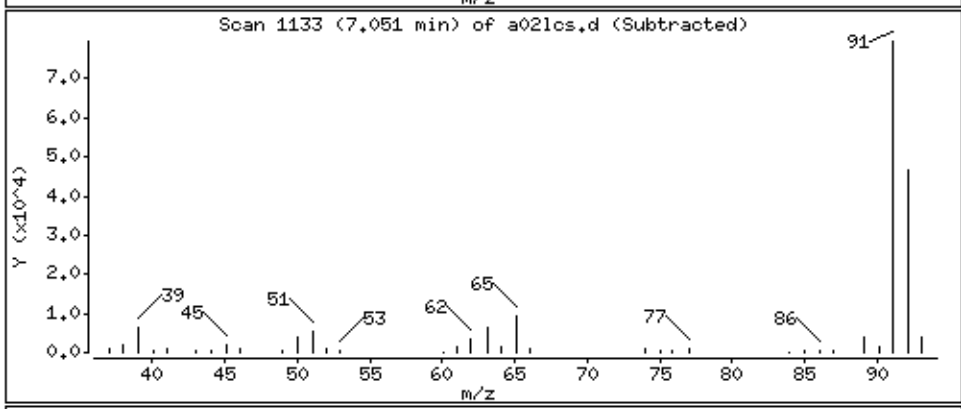
Column diameter: 0.18

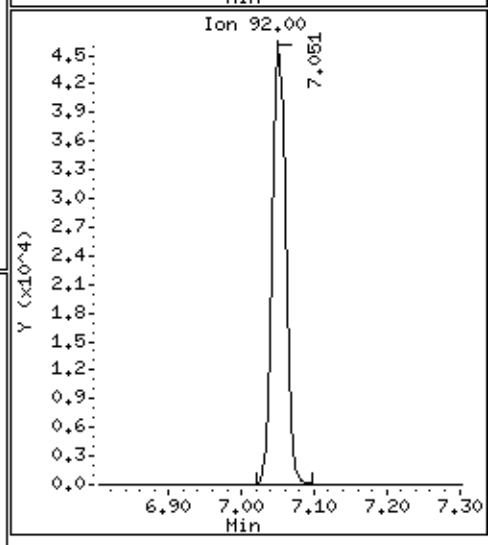
59 Toluene

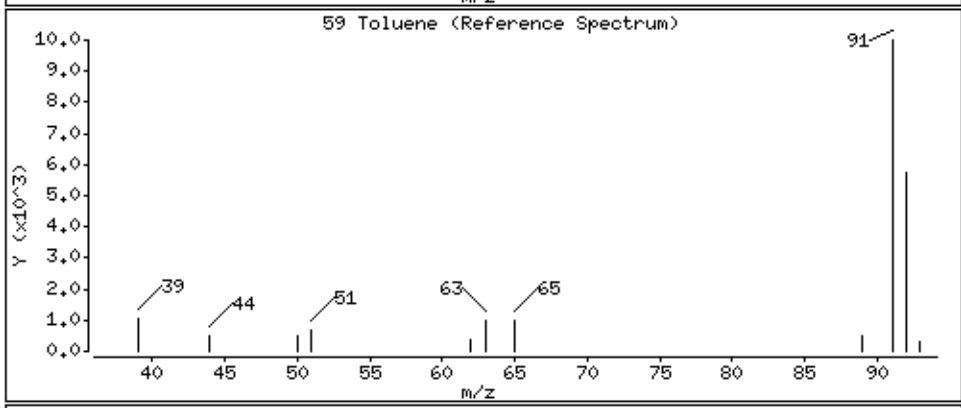
Concentration: 52.6 ppb

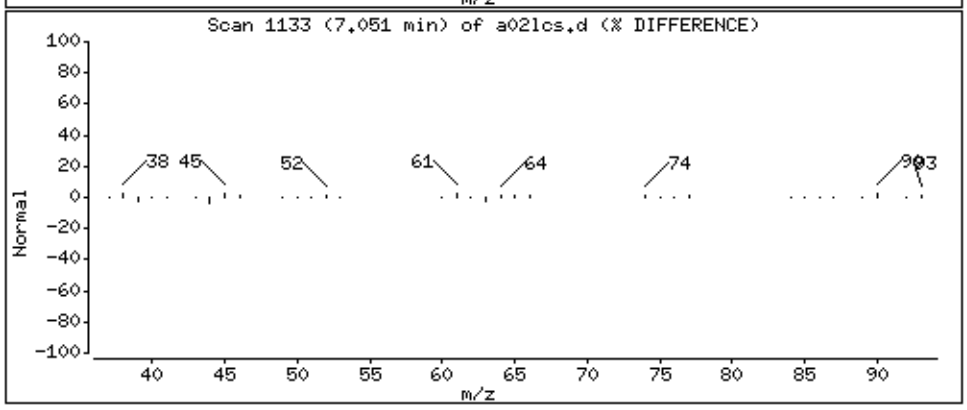












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

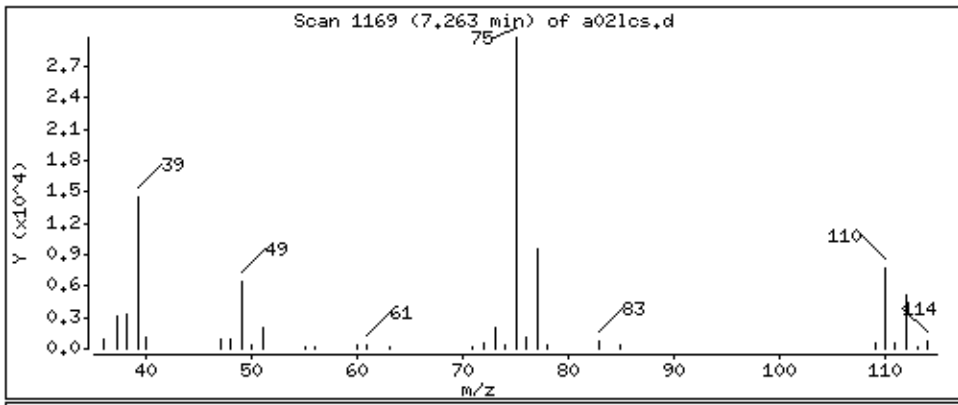
Operator: cap

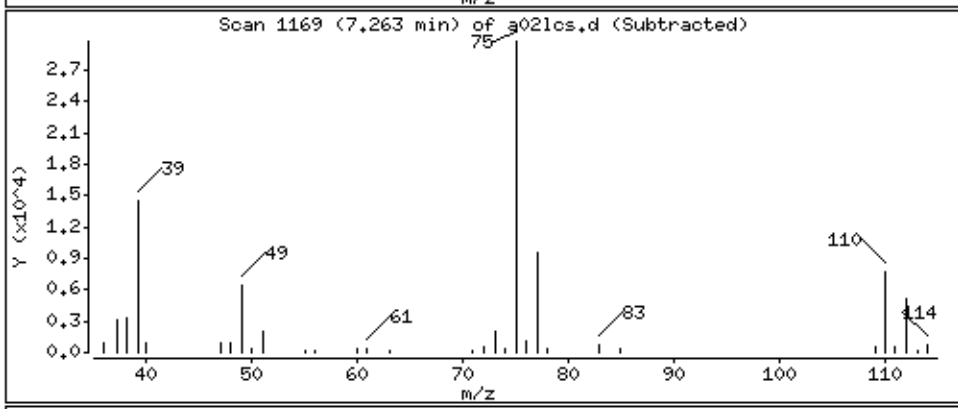
Column phase: DB-624

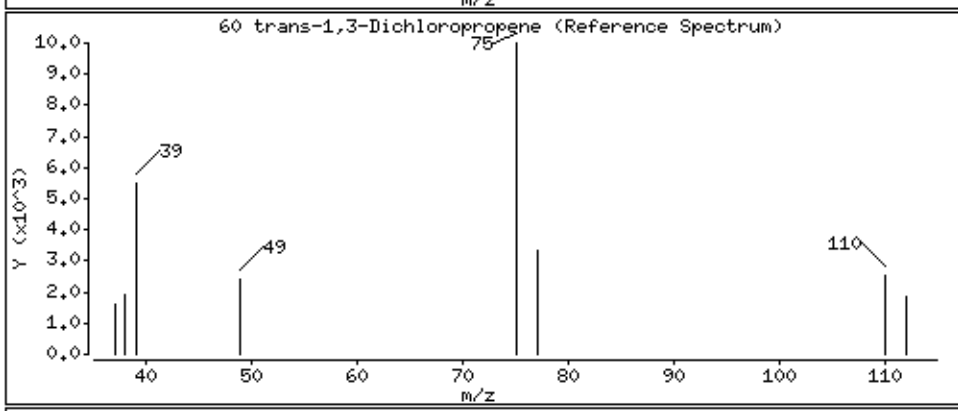
Column diameter: 0.18

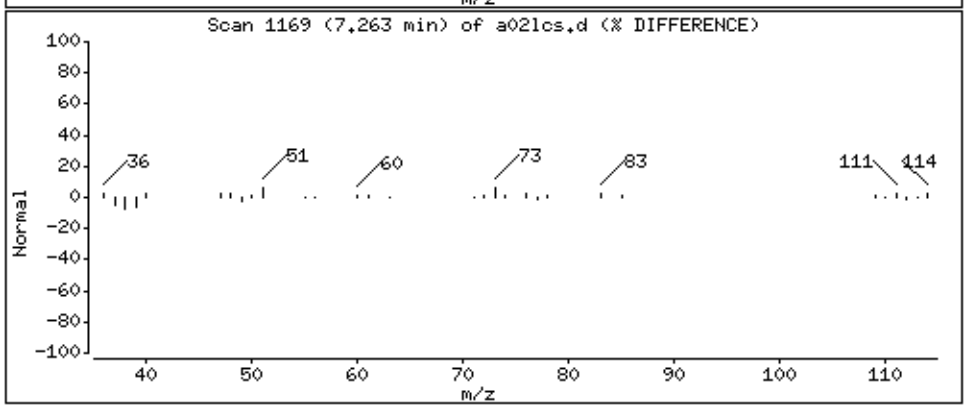
60 trans-1,3-Dichloropropene

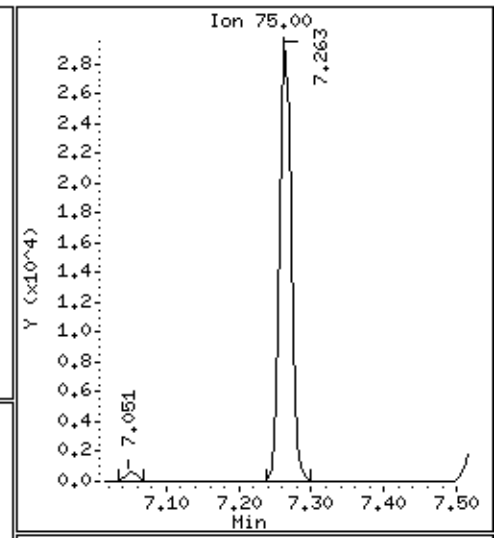
Concentration: 55.0 ppb

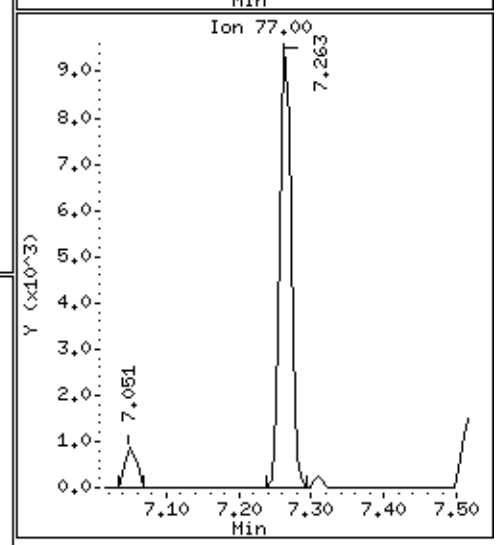












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

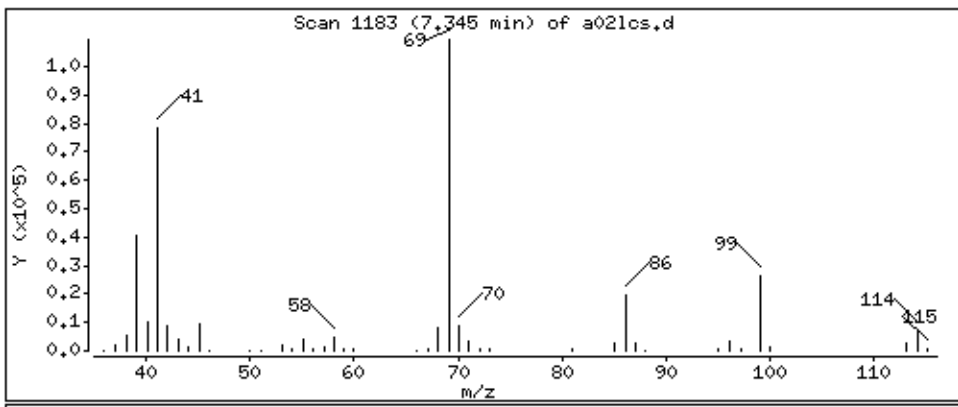
Operator: cap

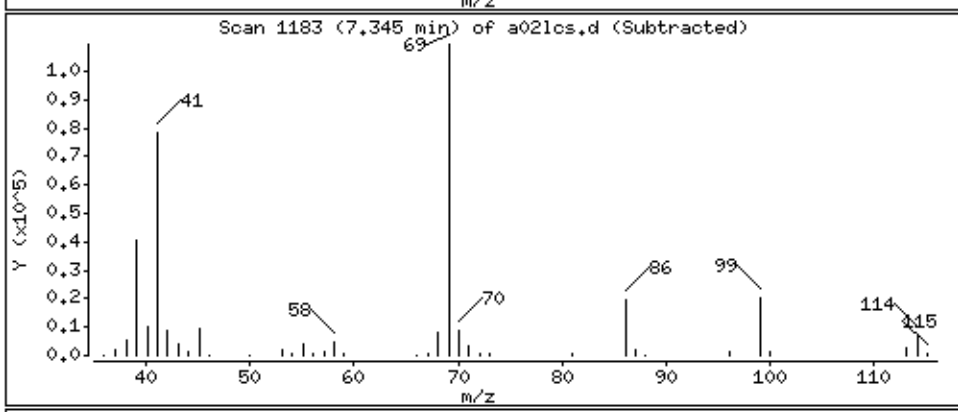
Column phase: DB-624

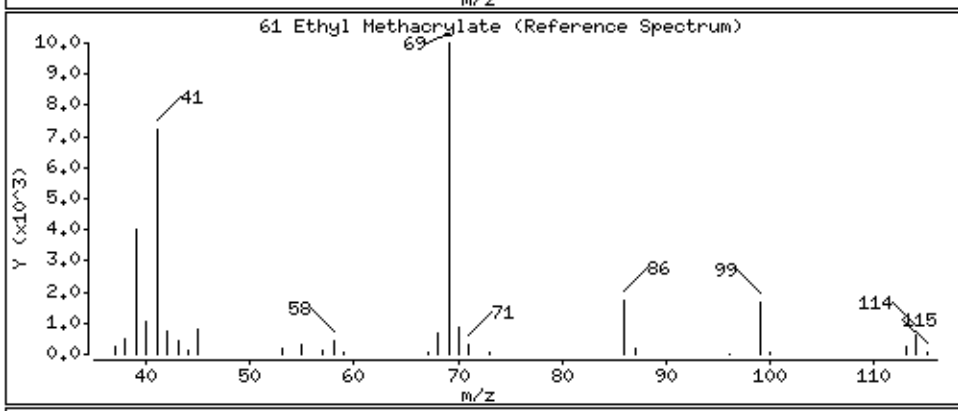
Column diameter: 0.18

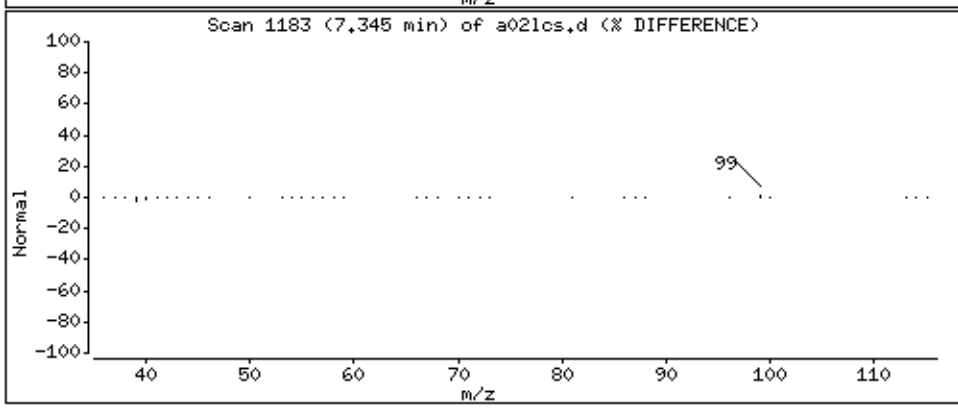
61 Ethyl Methacrylate

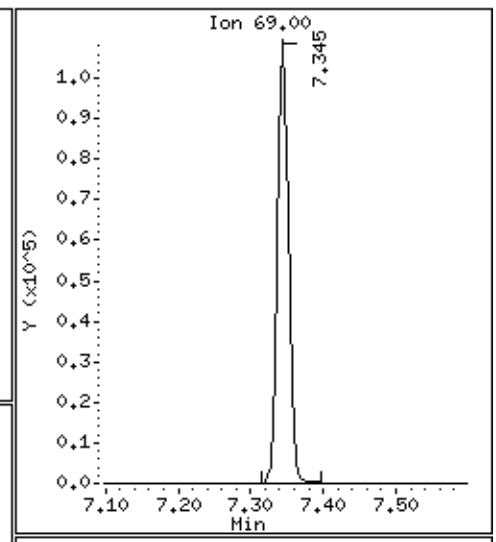
Concentration: 210 ppb

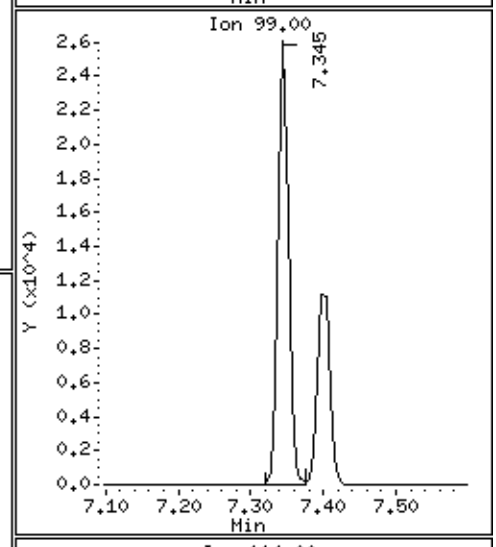


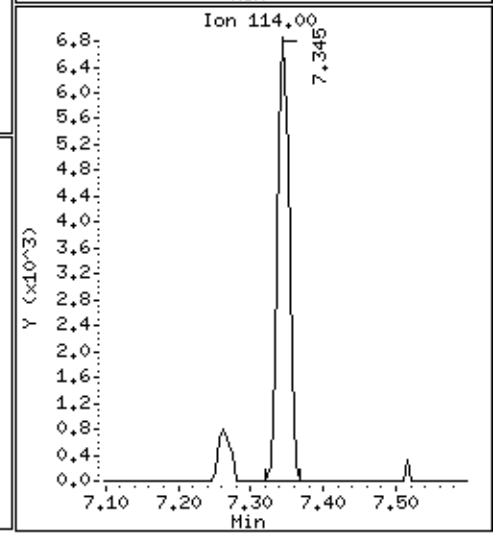












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

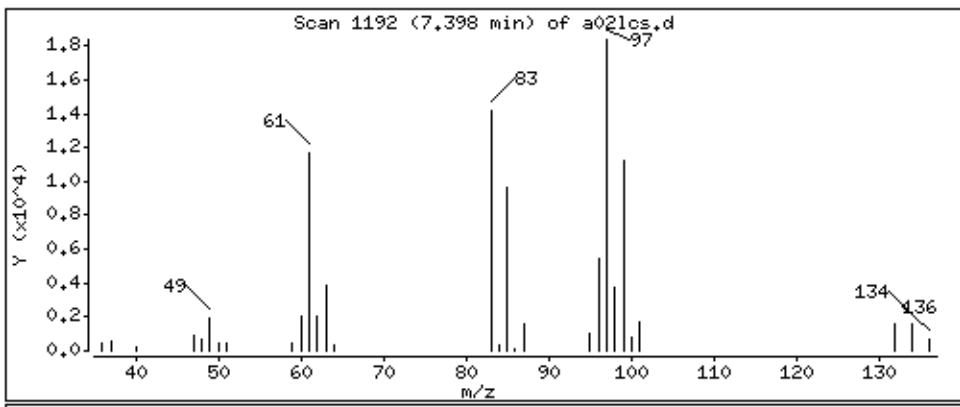
Operator: cap

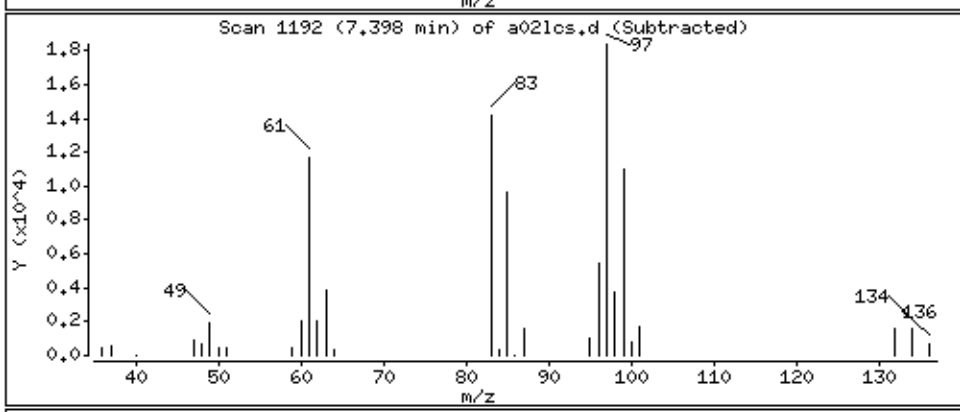
Column phase: DB-624

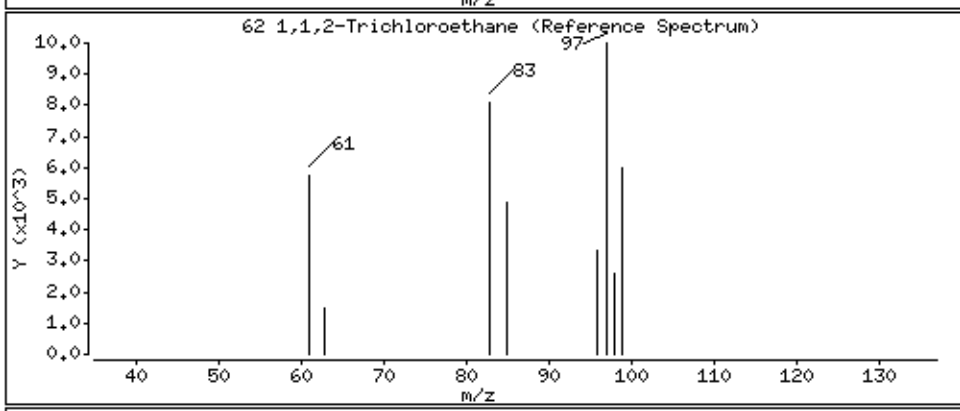
Column diameter: 0.18

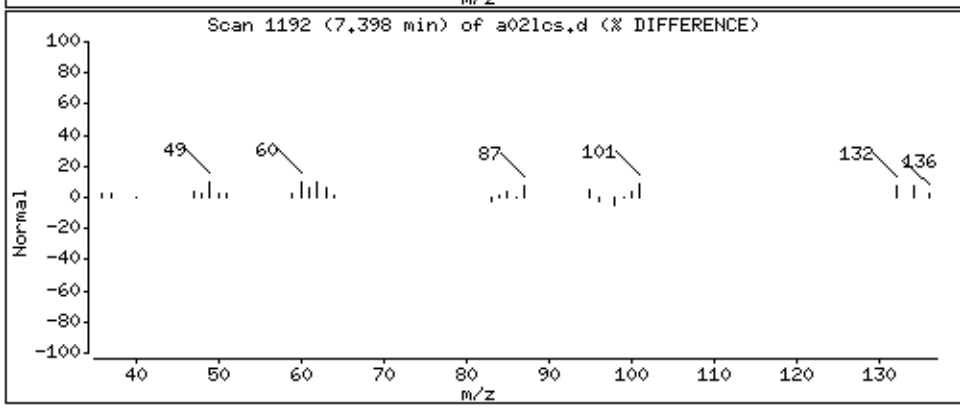
62 1,1,2-Trichloroethane

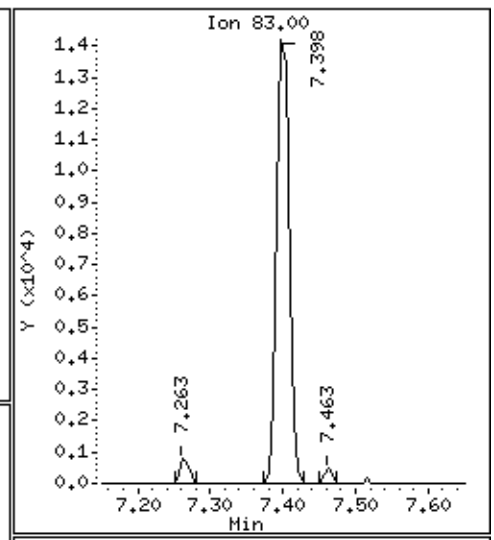
Concentration: 51.3 ppb

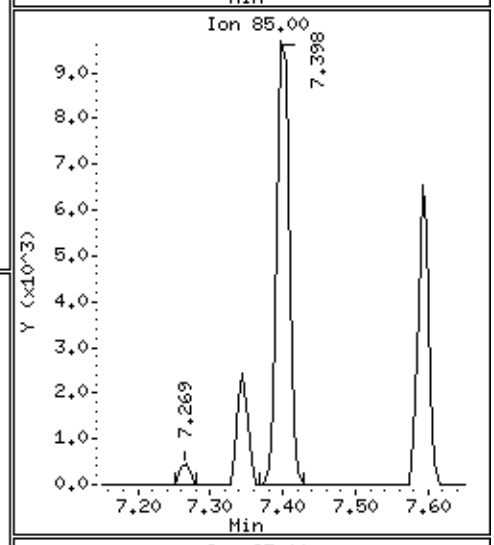


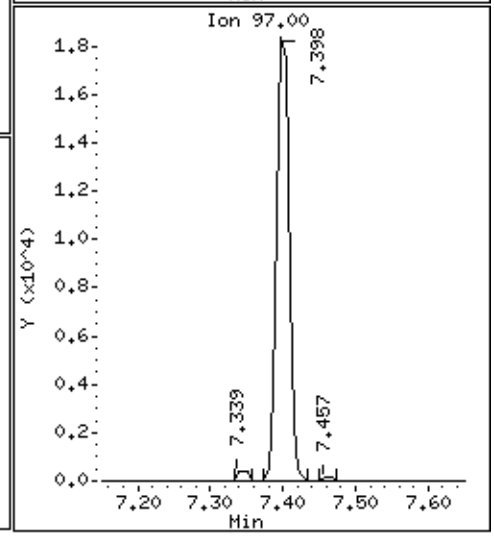












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

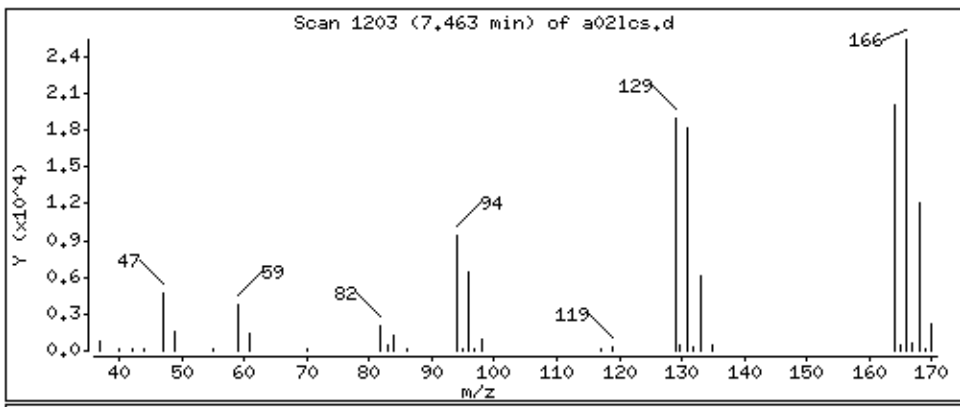
Operator: cap

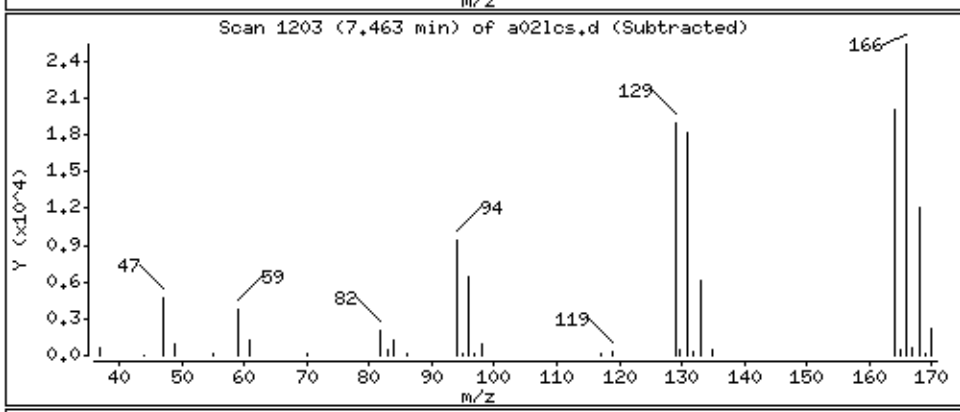
Column phase: DB-624

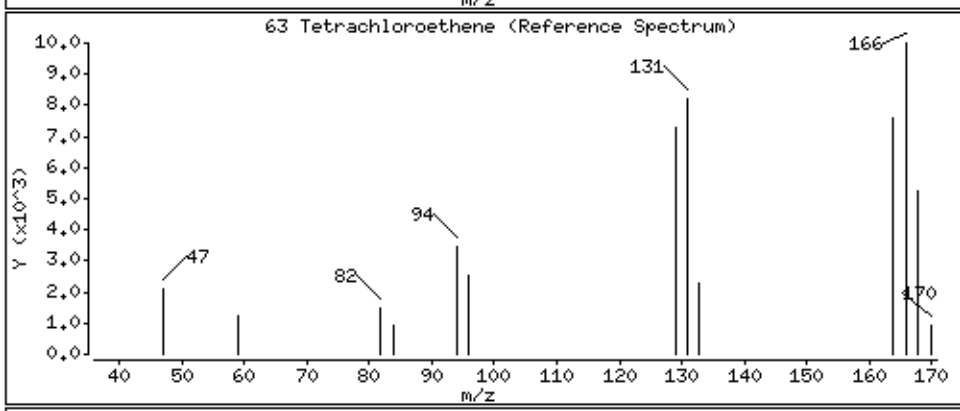
Column diameter: 0.18

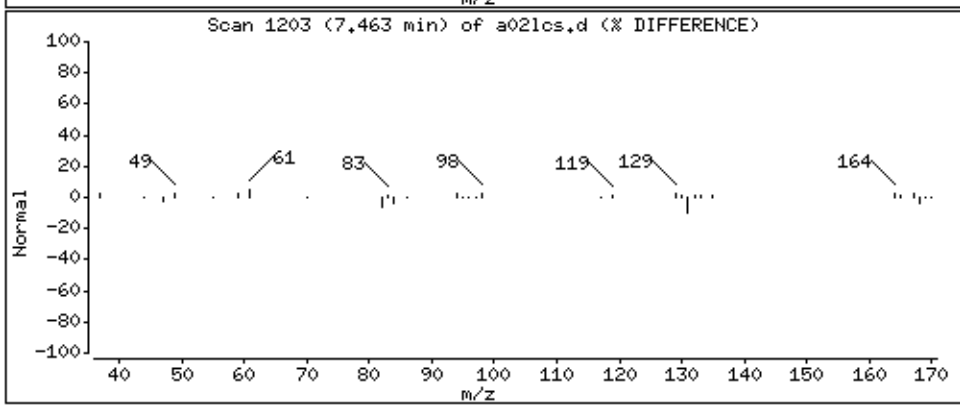
63 Tetrachloroethene

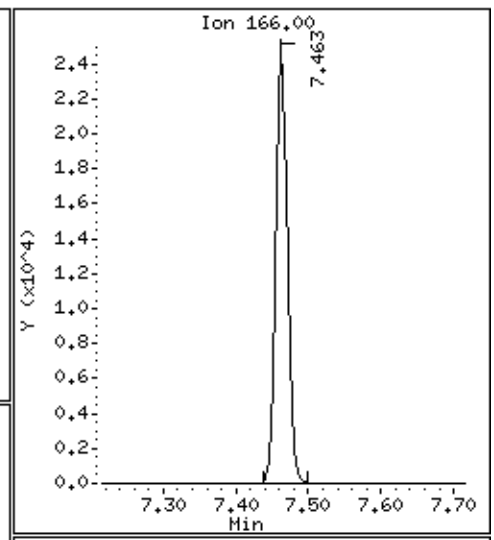
Concentration: 48.6 ppb

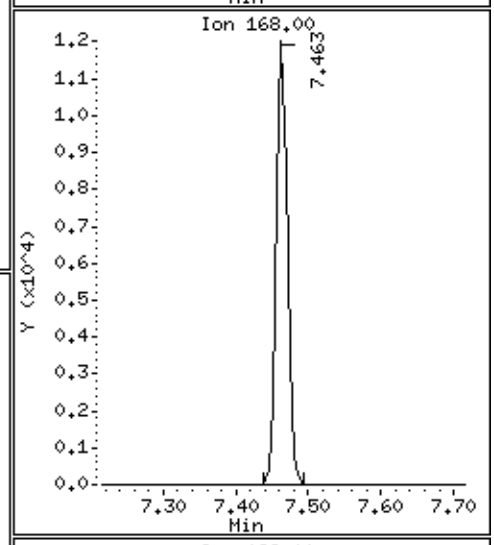


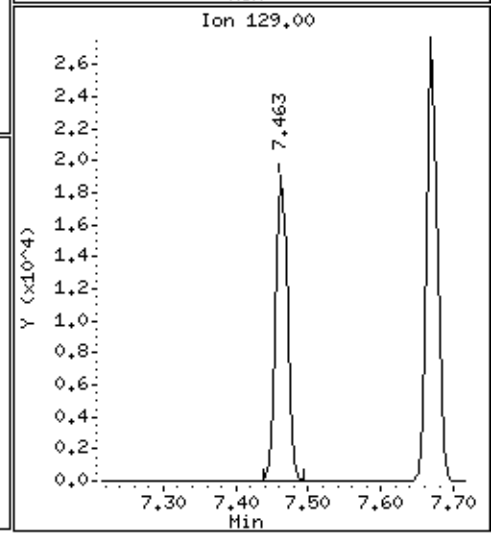












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

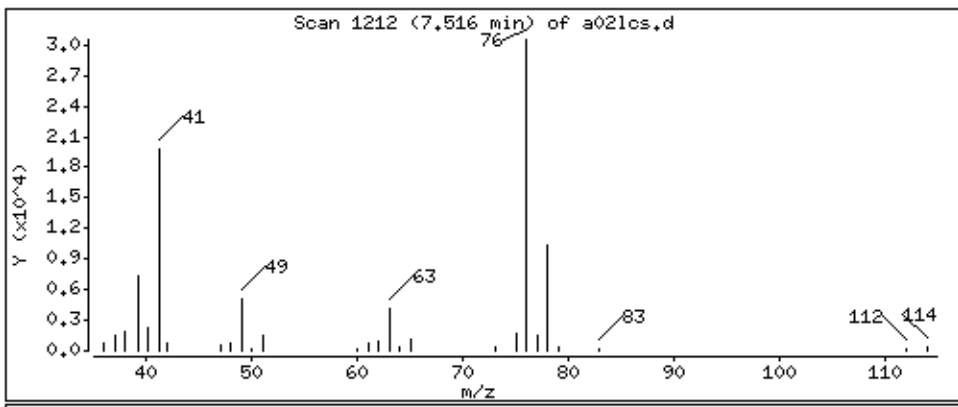
Operator: cap

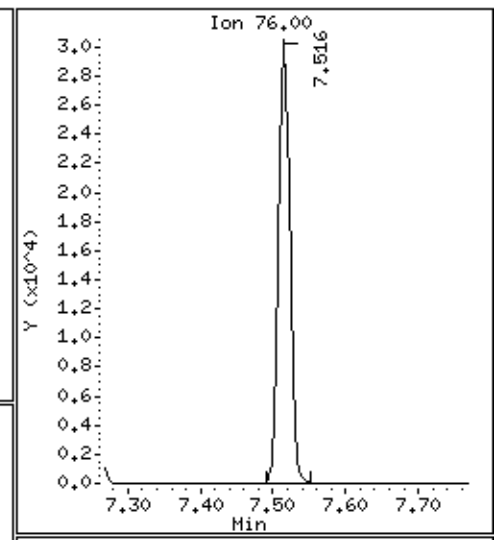
Column phase: DB-624

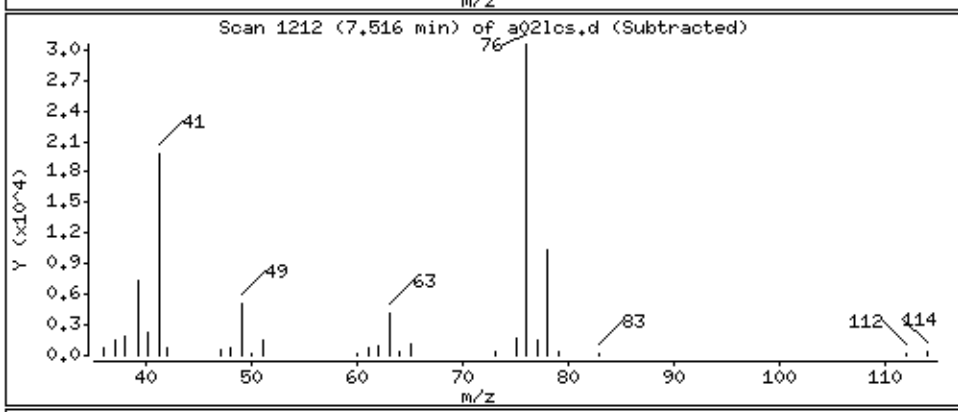
Column diameter: 0.18

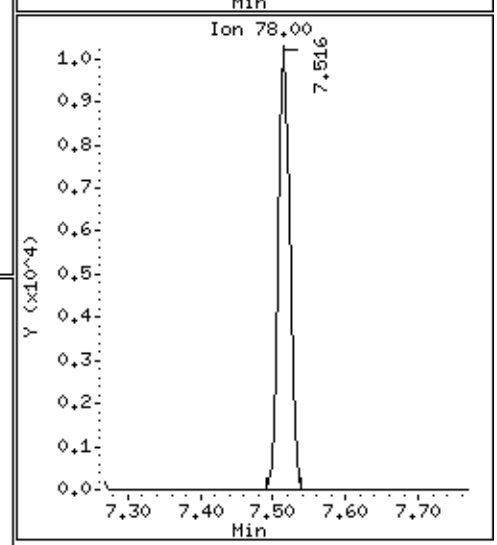
64 1,3-Dichloropropane

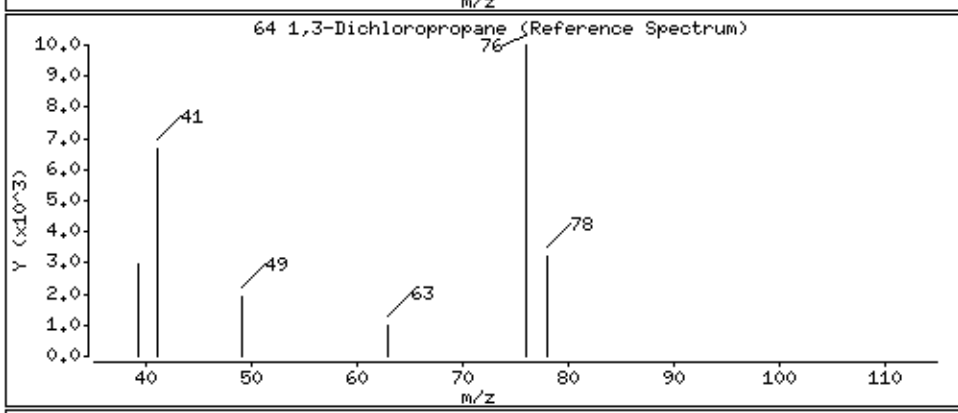
Concentration: 50.8 ppb

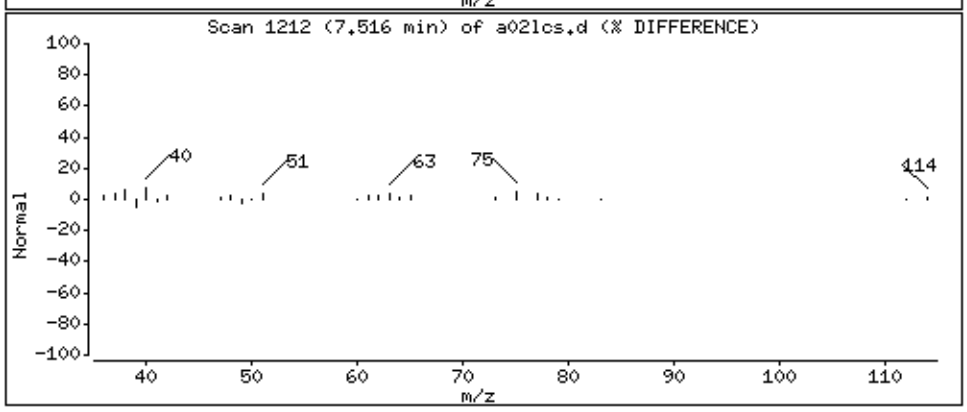












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

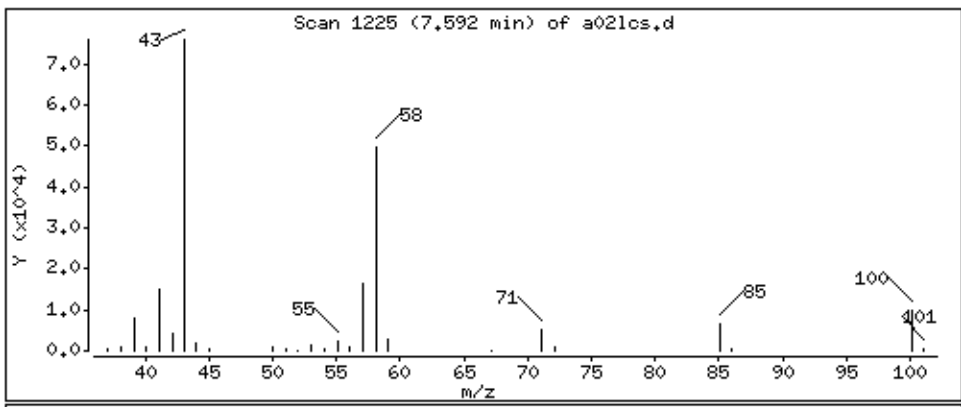
Operator: cap

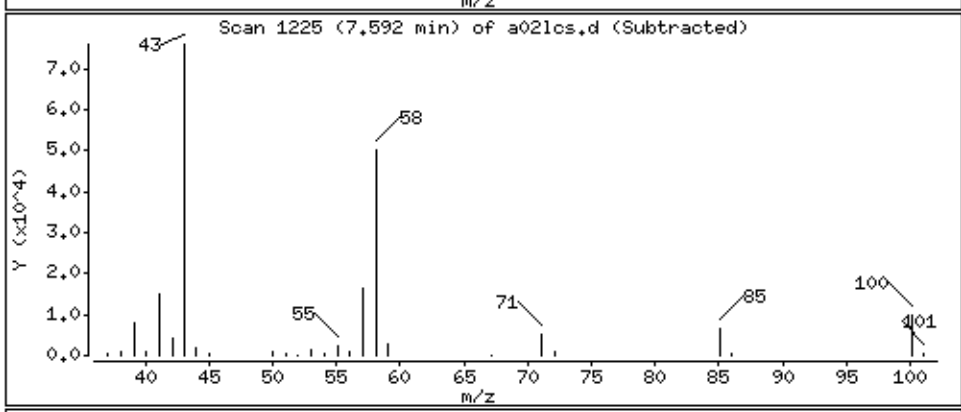
Column phase: DB-624

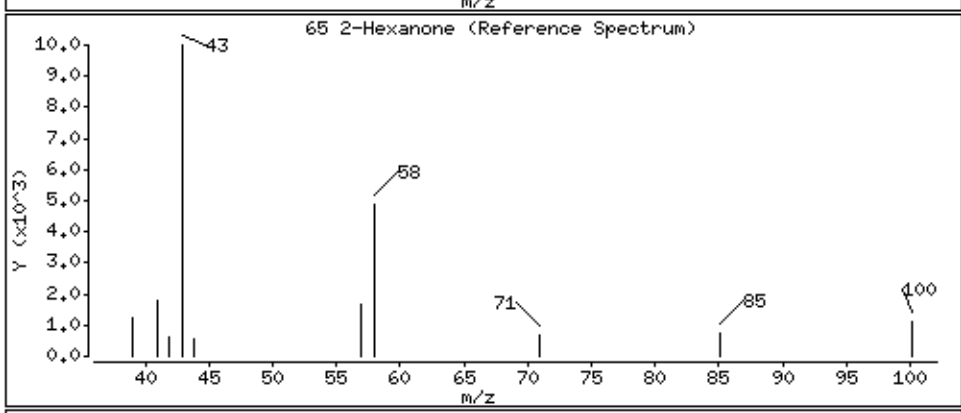
Column diameter: 0.18

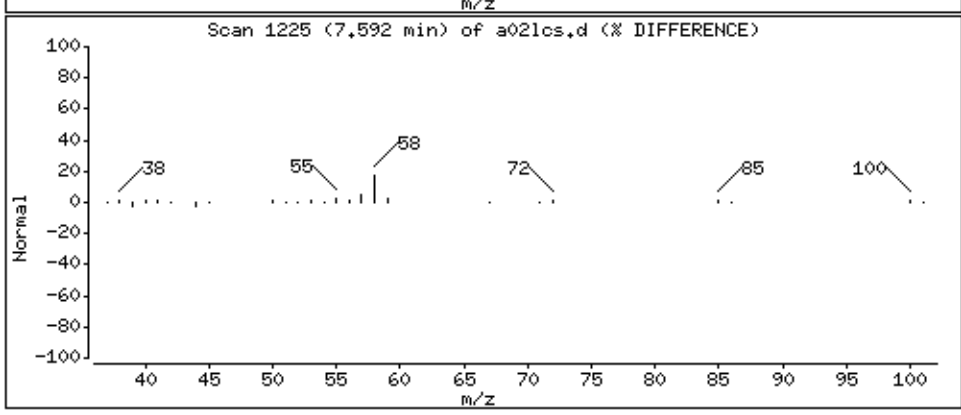
65 2-Hexanone

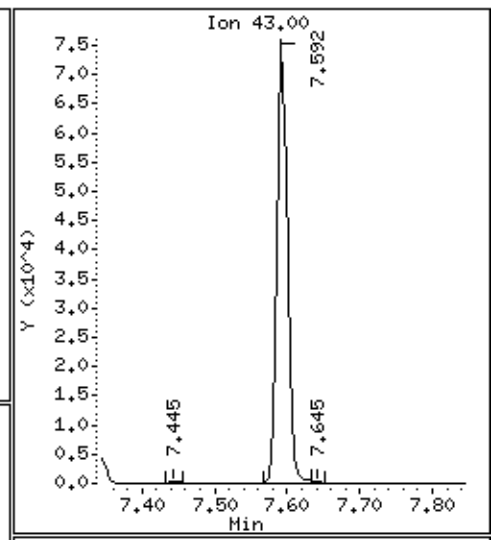
Concentration: 285 ppb

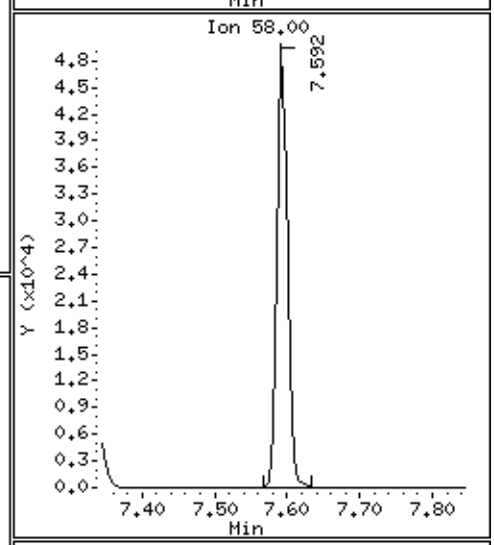


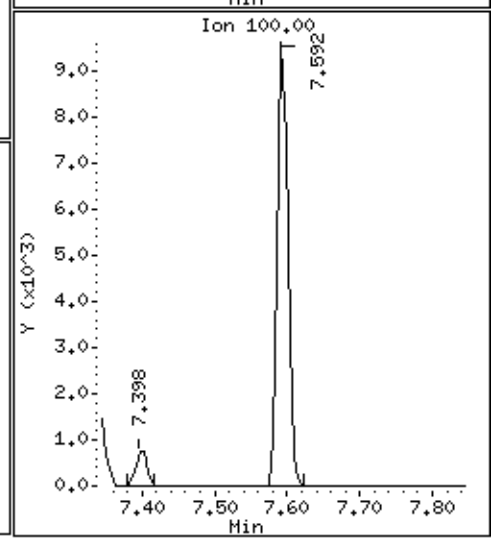












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

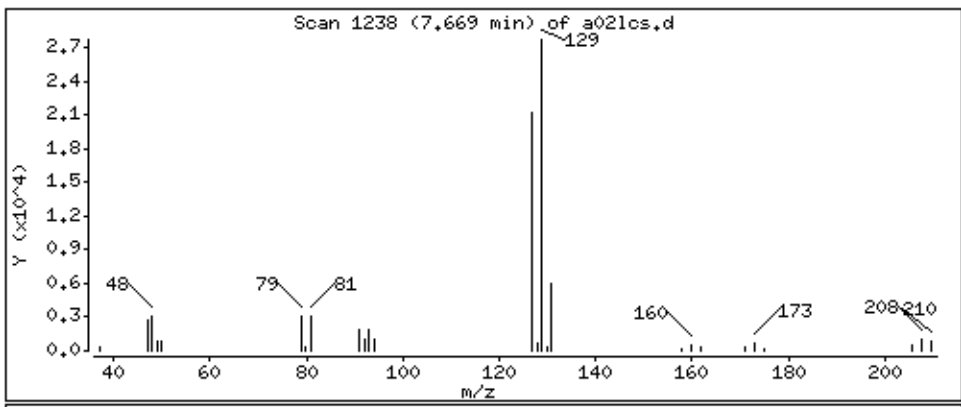
Operator: cap

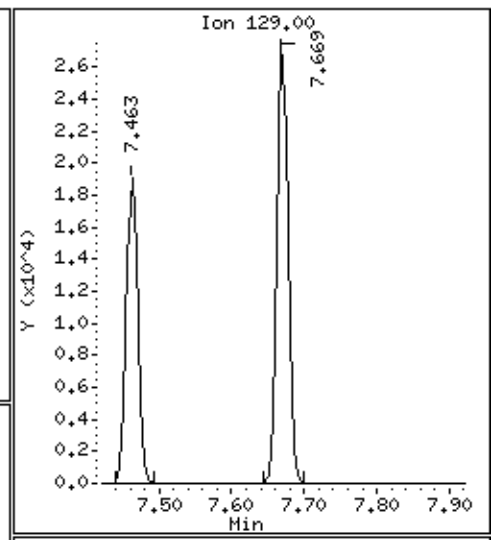
Column phase: DB-624

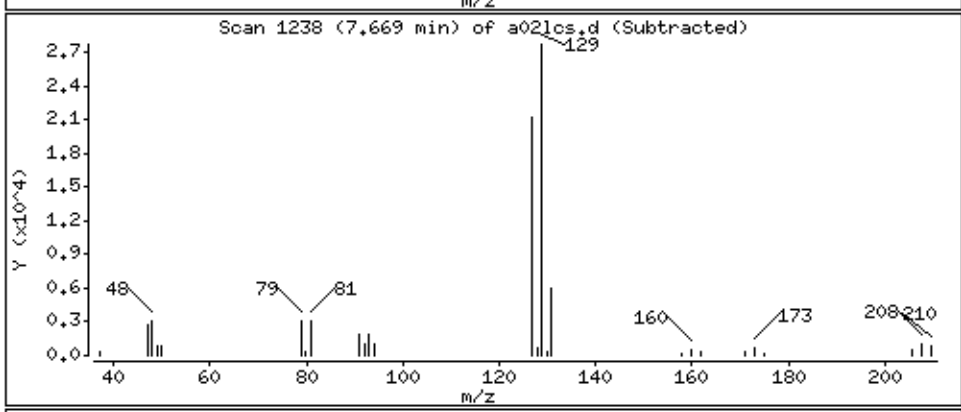
Column diameter: 0.18

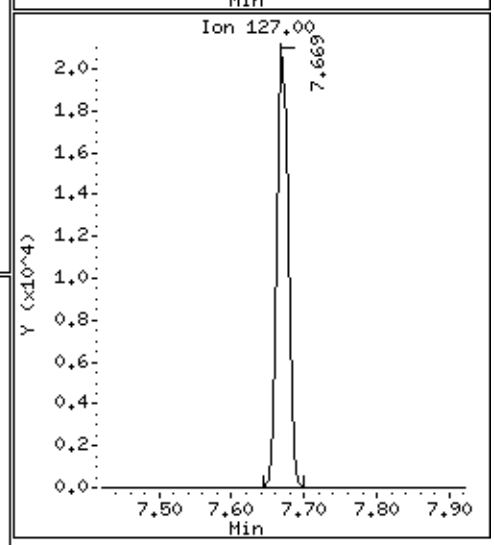
66 Dibromochloromethane

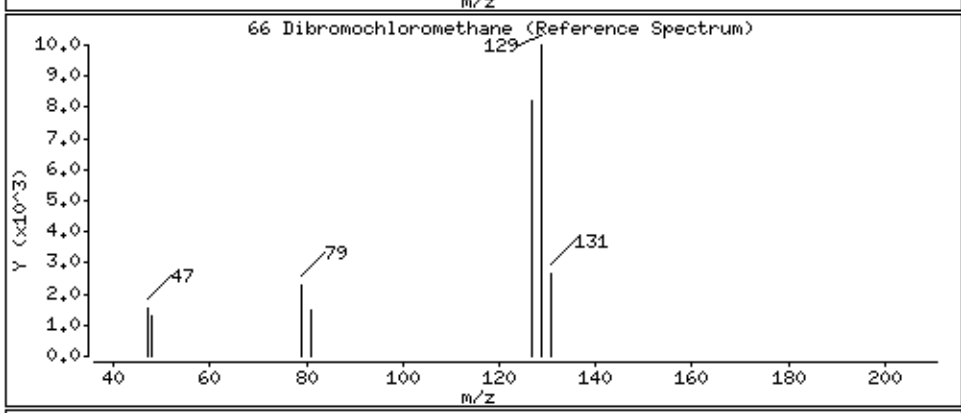
Concentration: 52.2 ppb

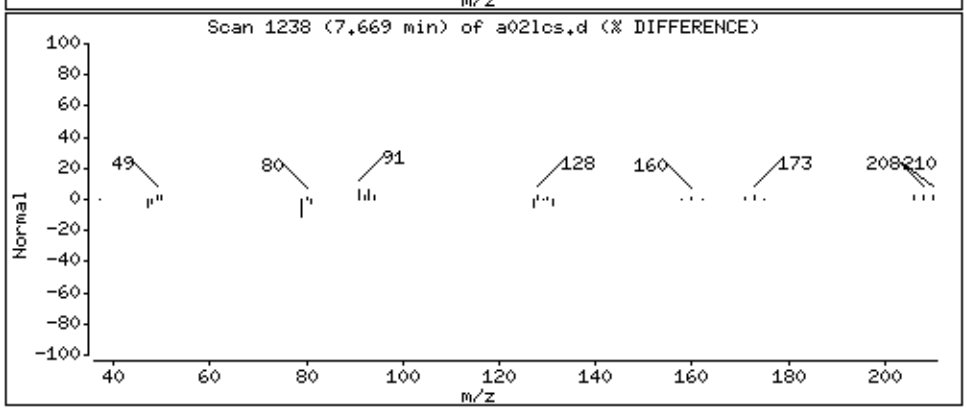












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

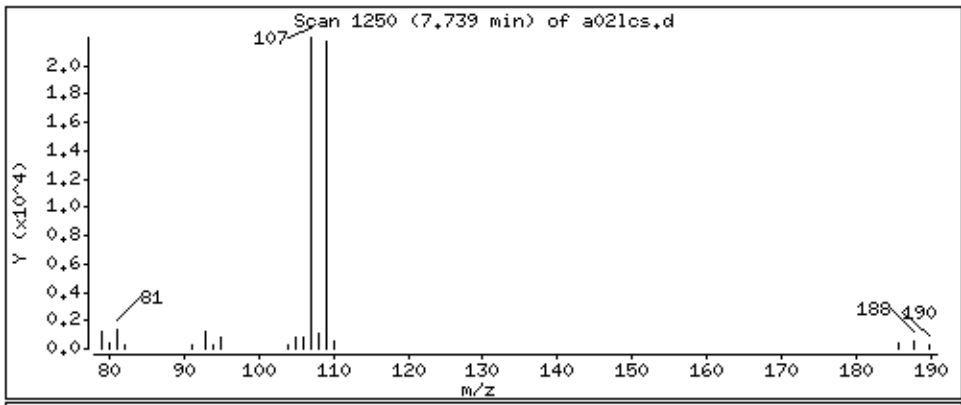
Operator: cap

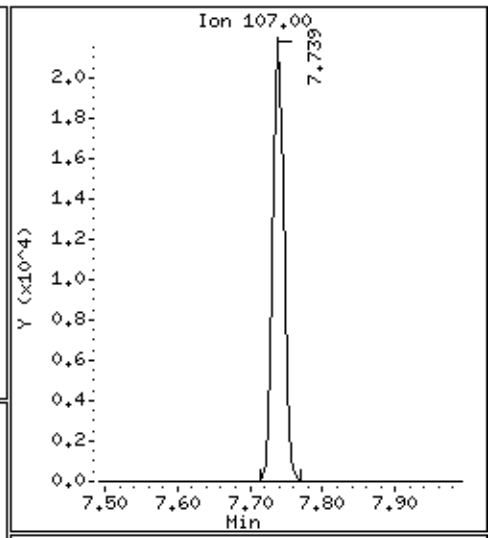
Column phase: DB-624

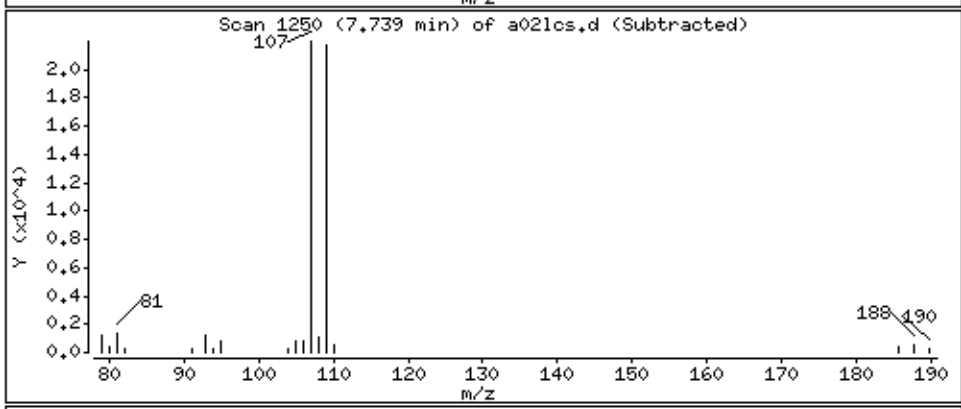
Column diameter: 0.18

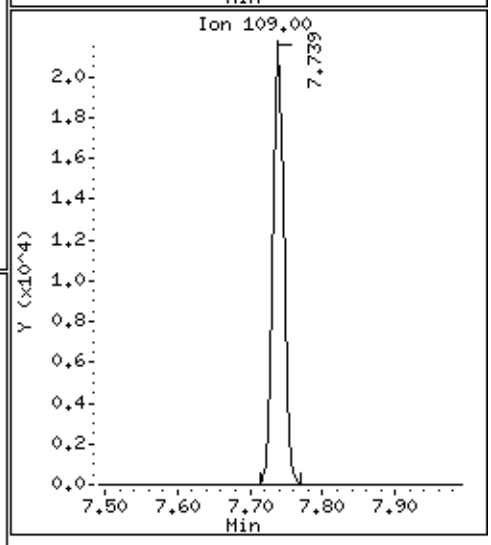
67 1,2-Dibromoethane

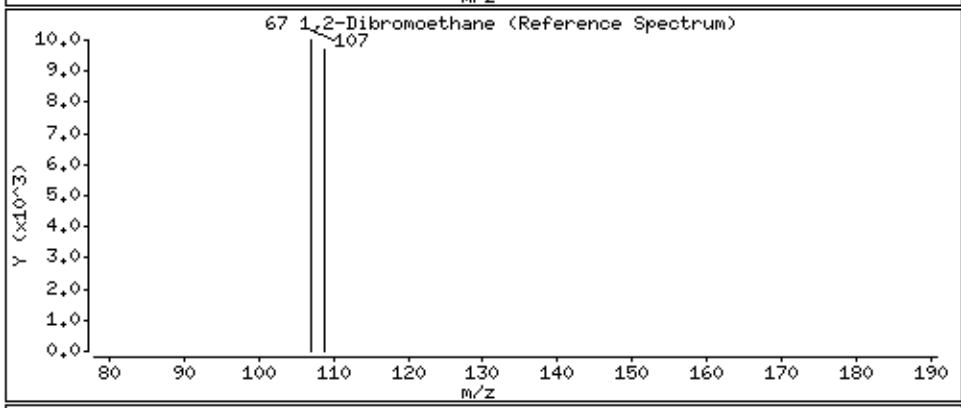
Concentration: 52.1 ppb

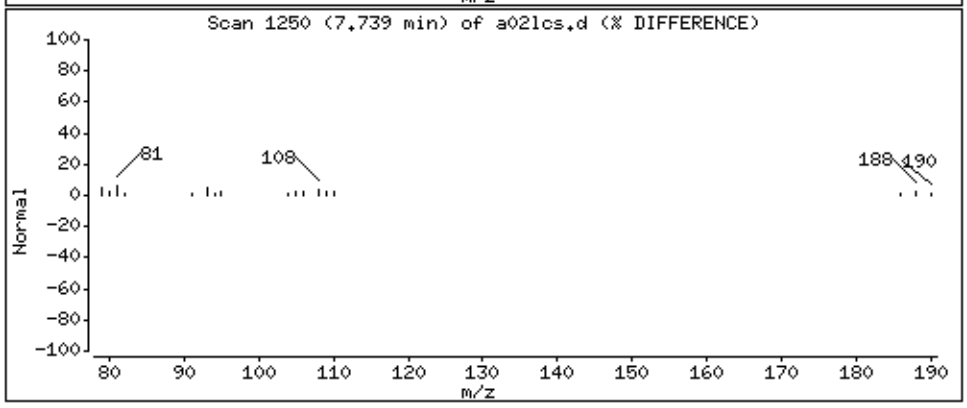












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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

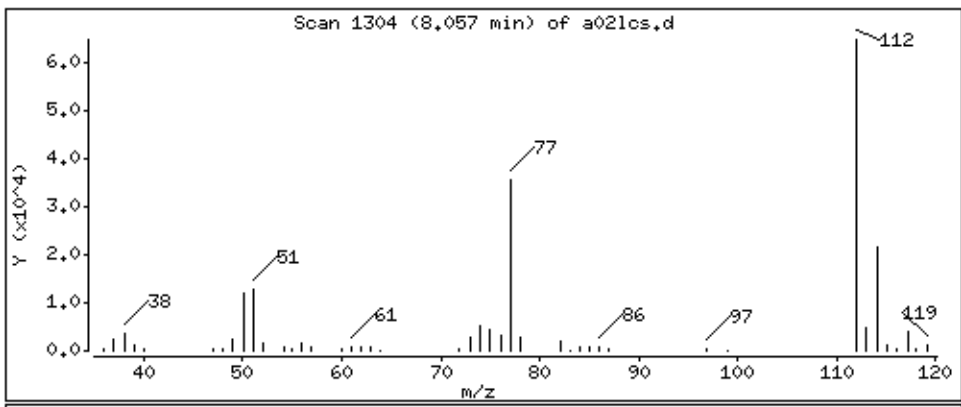
Operator: cap

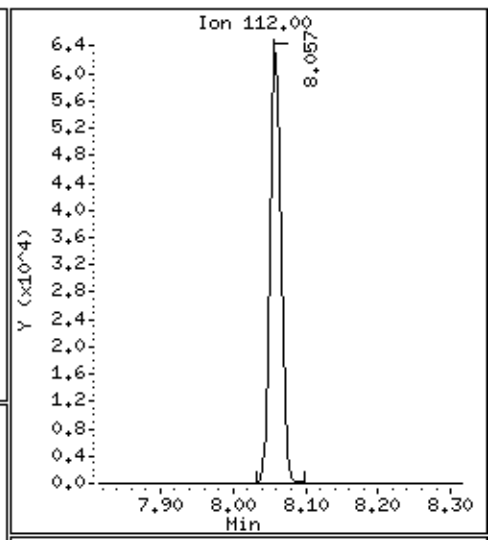
Column phase: DB-624

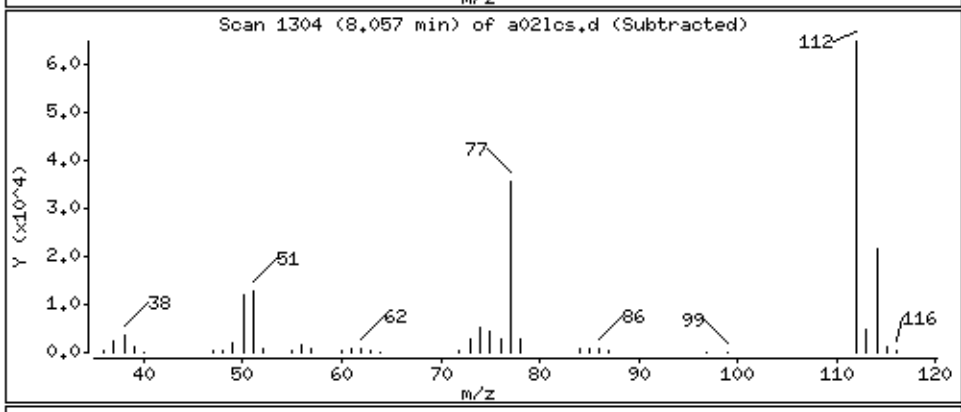
Column diameter: 0.18

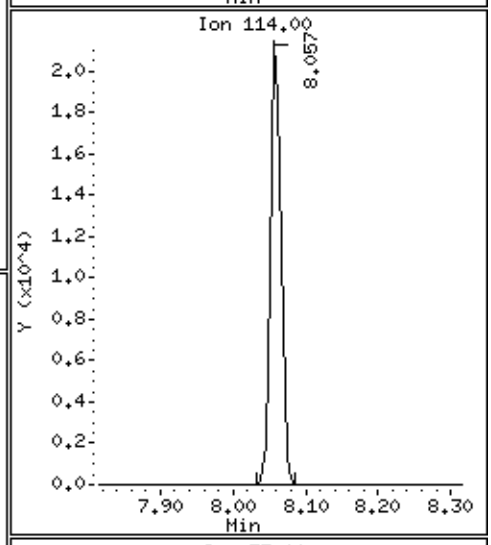
69 Chlorobenzene

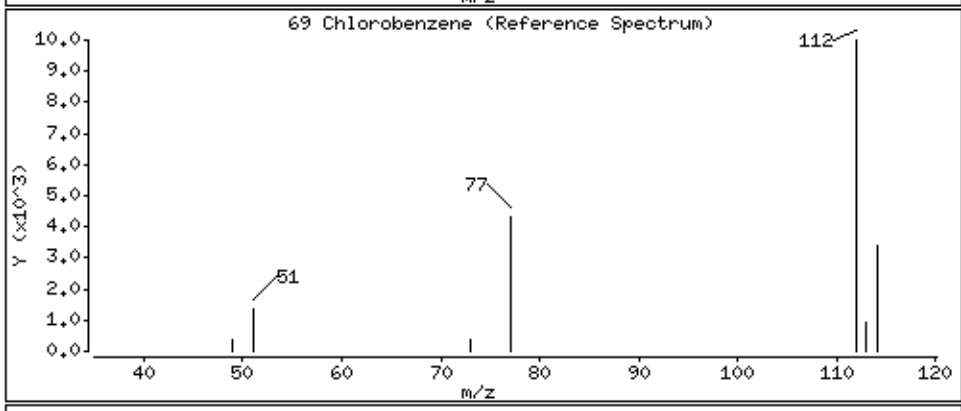
Concentration: 48.9 ppb

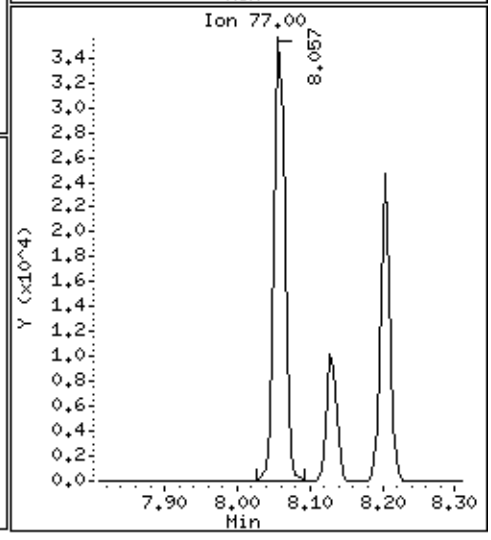


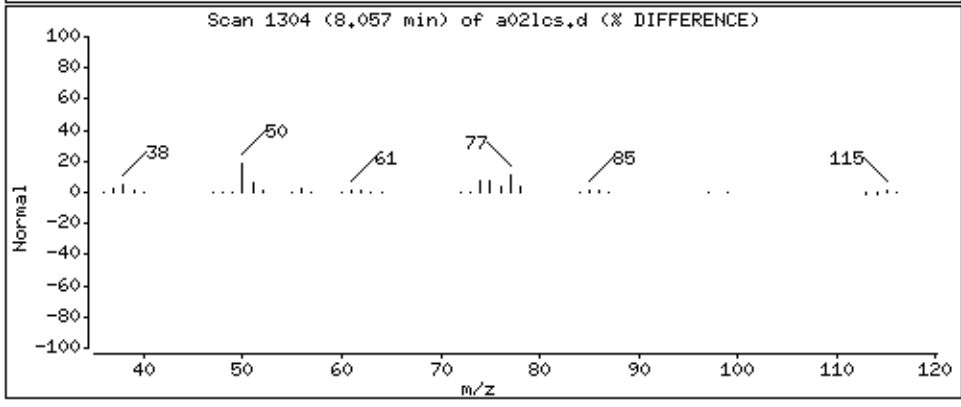












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

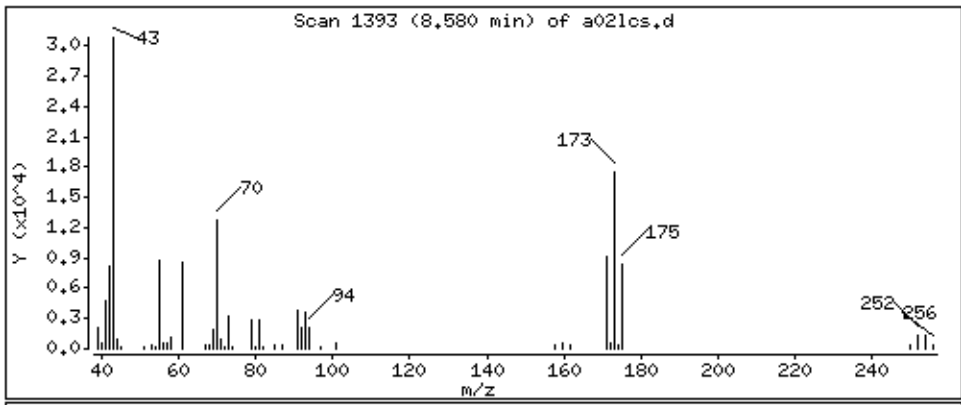
Operator: cap

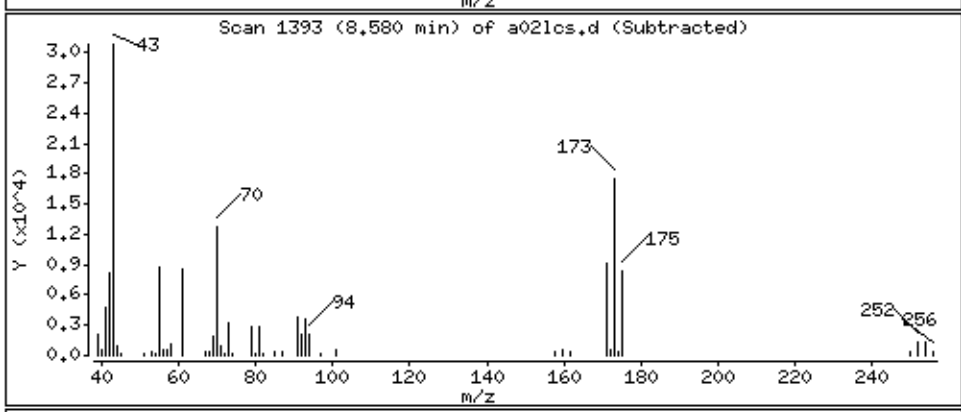
Column phase: DB-624

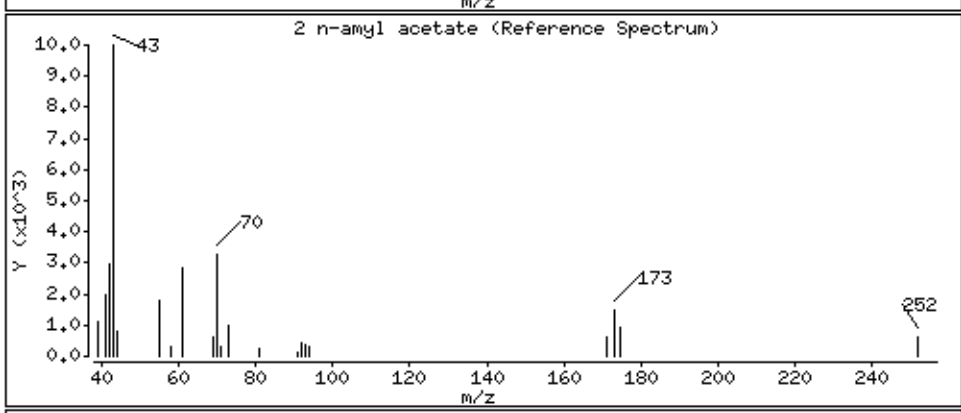
Column diameter: 0.18

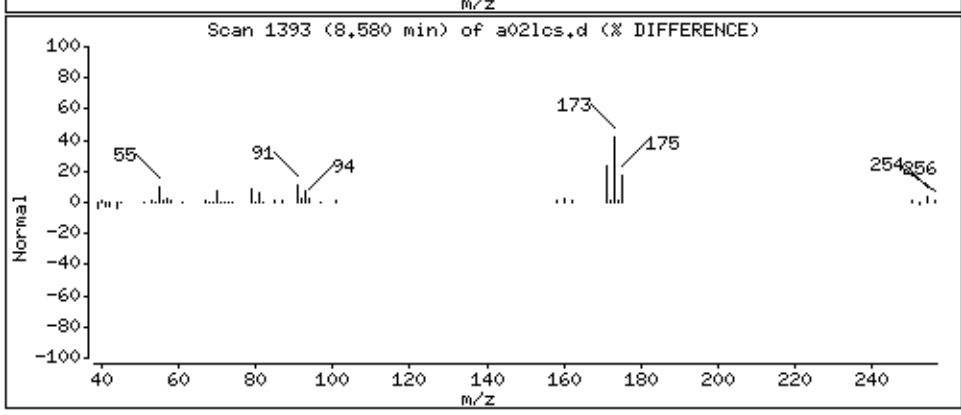
2 n-amyl acetate

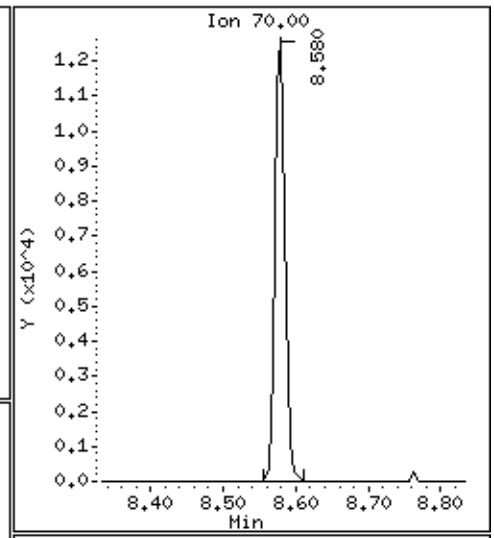
Concentration: 41.7 ppb

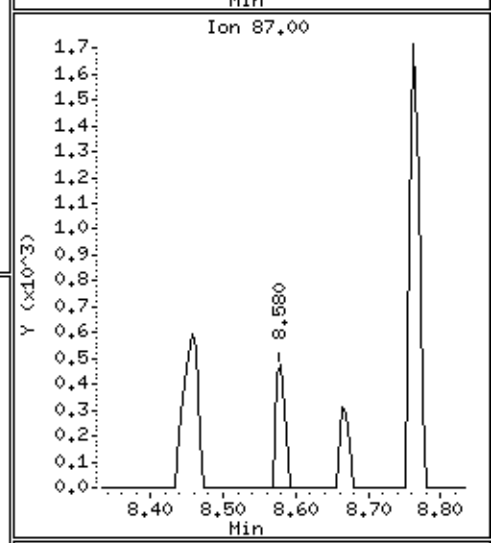


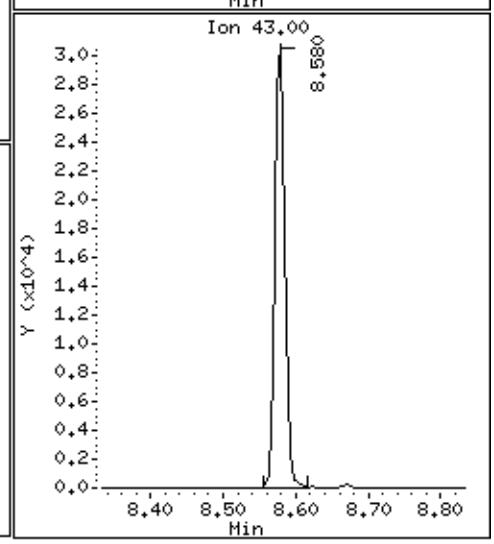












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

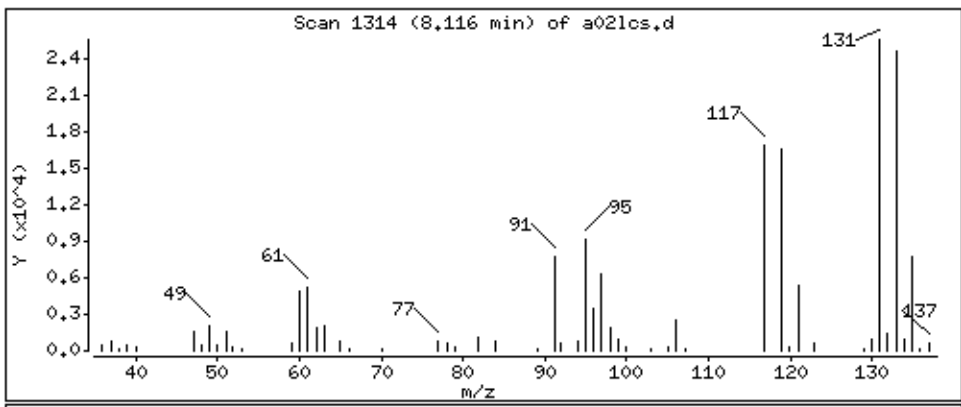
Operator: cap

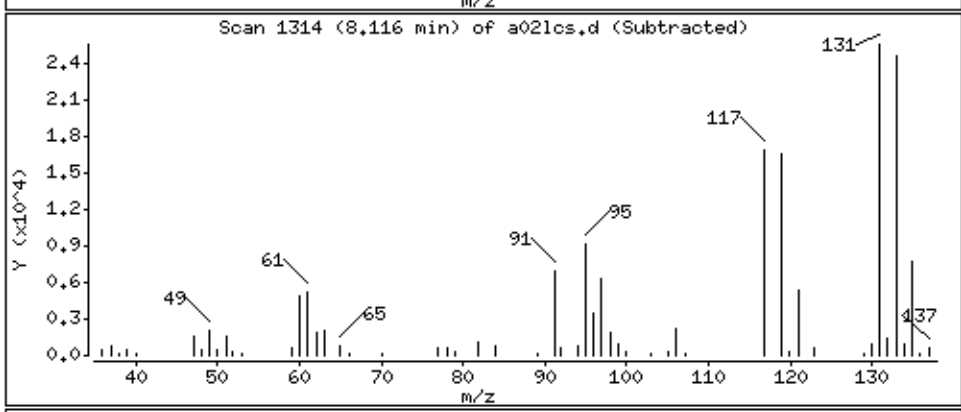
Column phase: DB-624

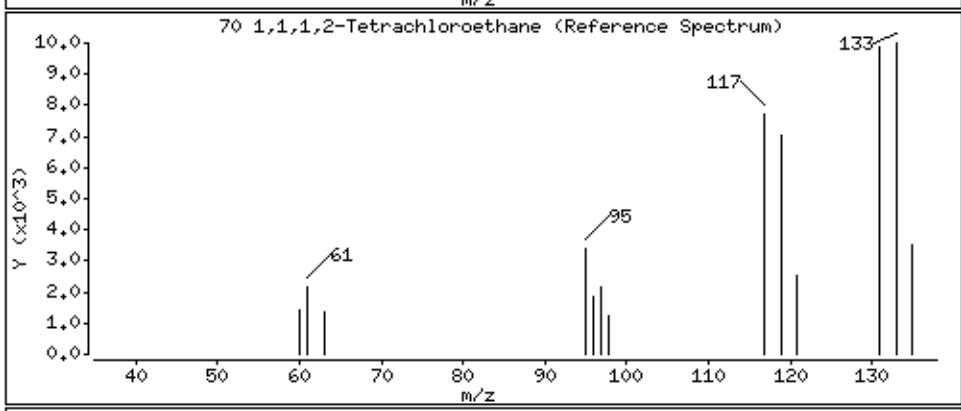
Column diameter: 0.18

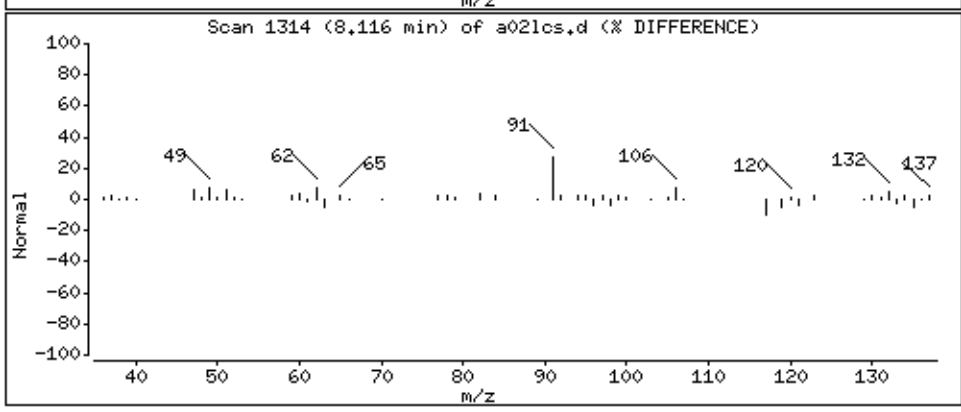
70 1,1,1,2-Tetrachloroethane

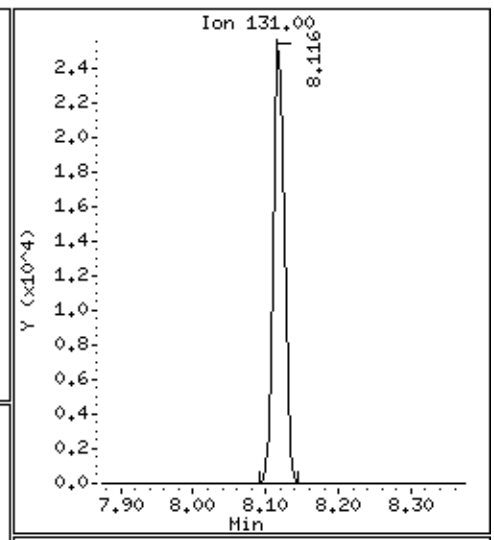
Concentration: 52.2 ppb

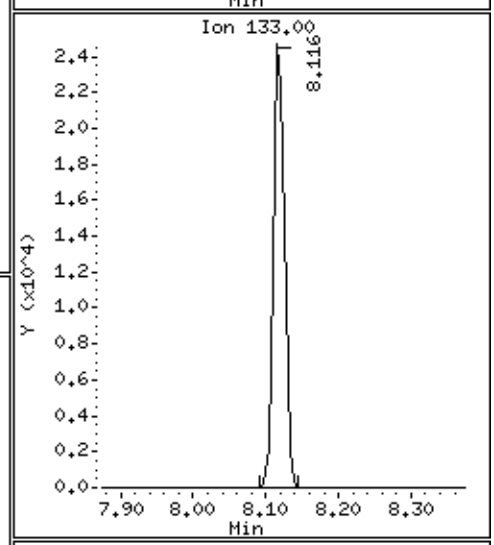


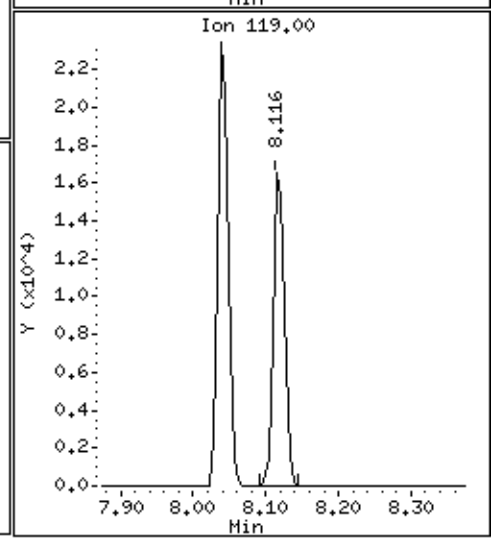












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

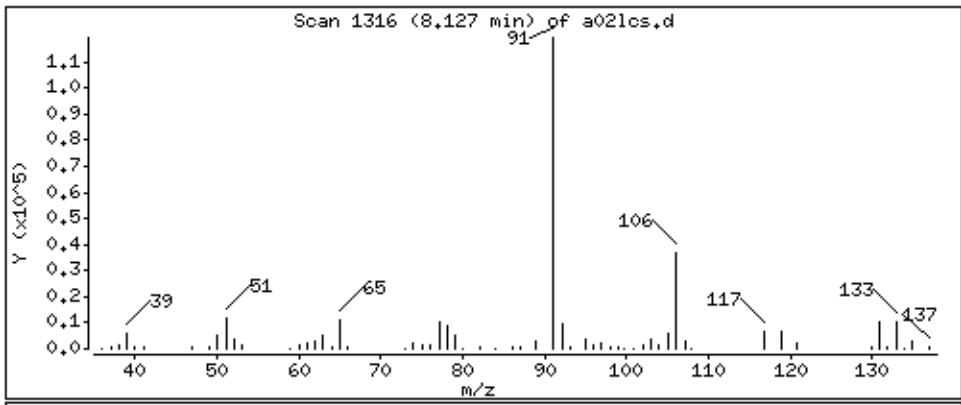
Operator: cap

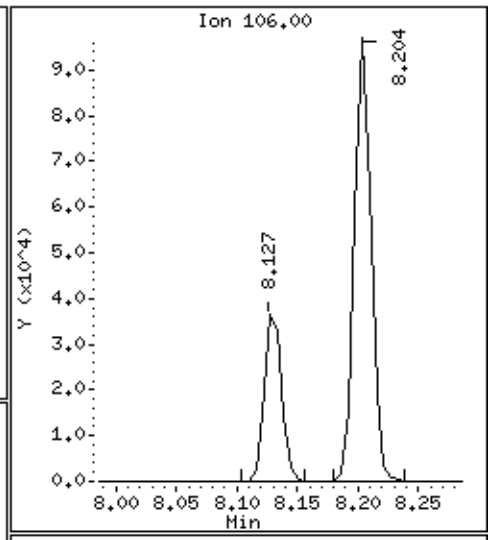
Column phase: DB-624

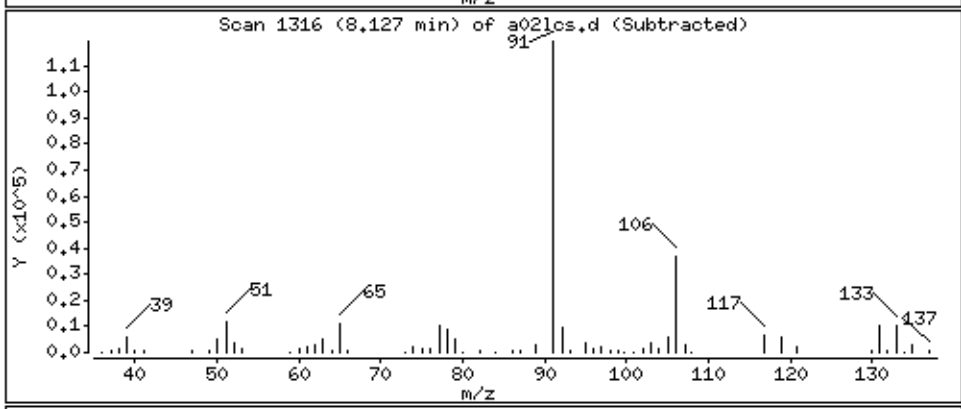
Column diameter: 0.18

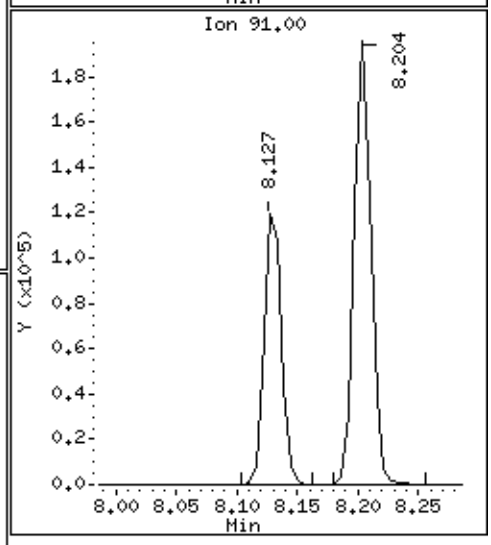
71 Ethylbenzene

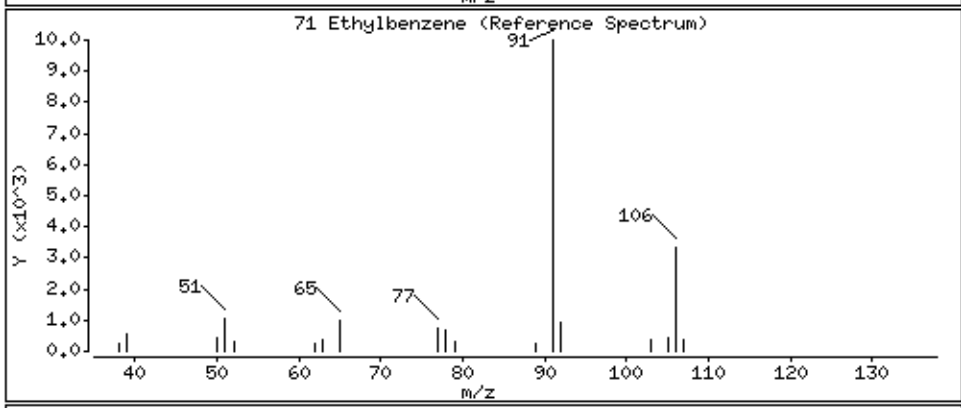
Concentration: 54.6 ppb

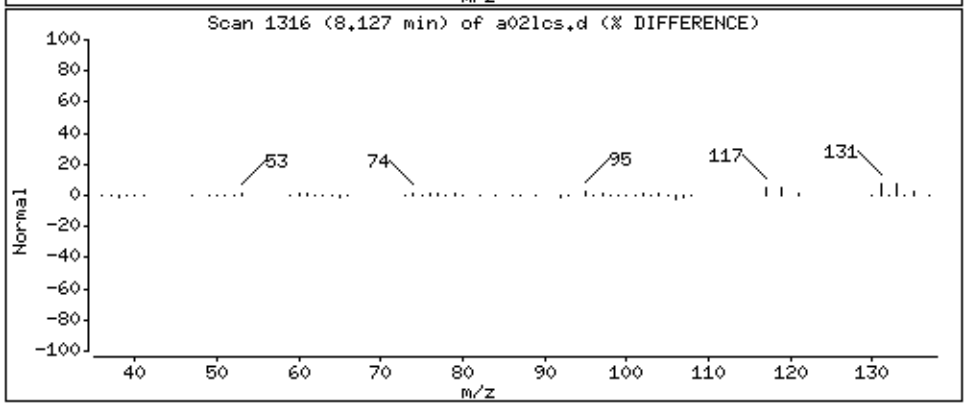












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

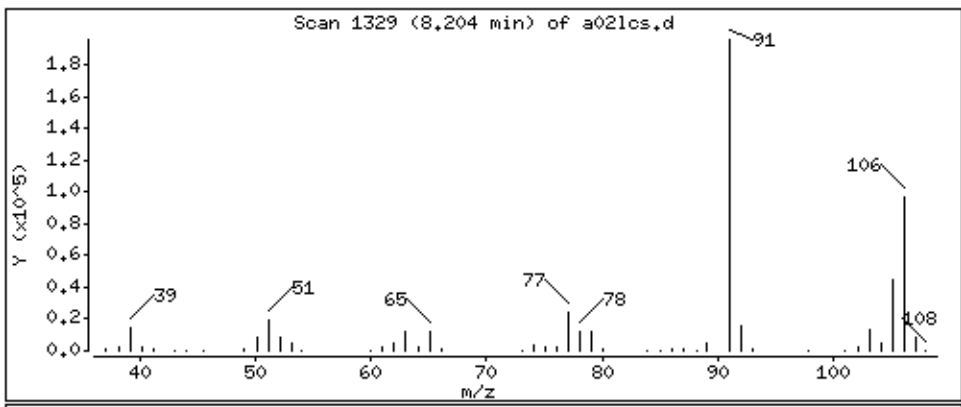
Operator: cap

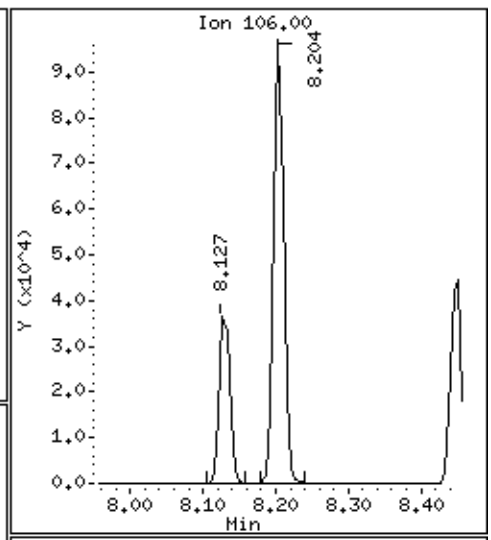
Column phase: DB-624

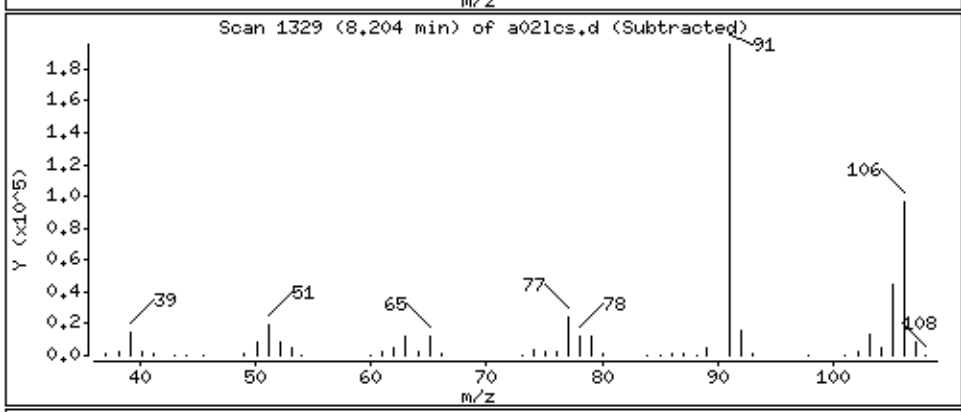
Column diameter: 0.18

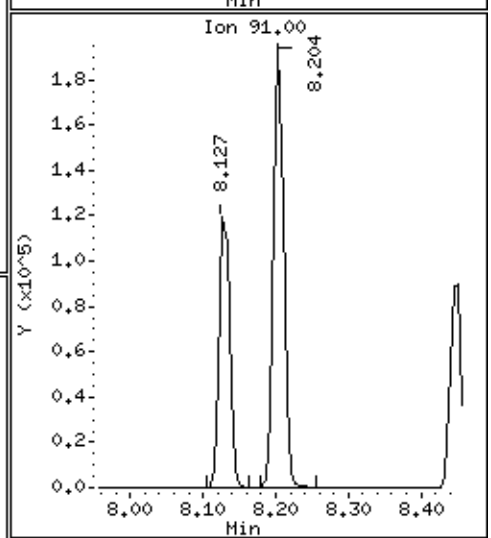
72 m&p-Xylene

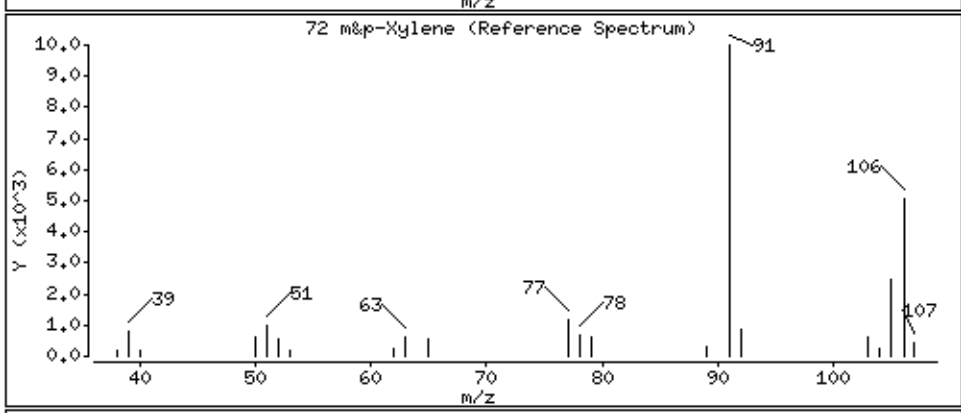
Concentration: 107 ppb

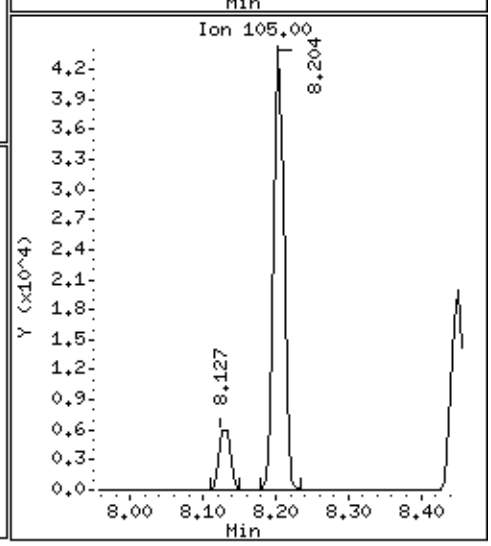


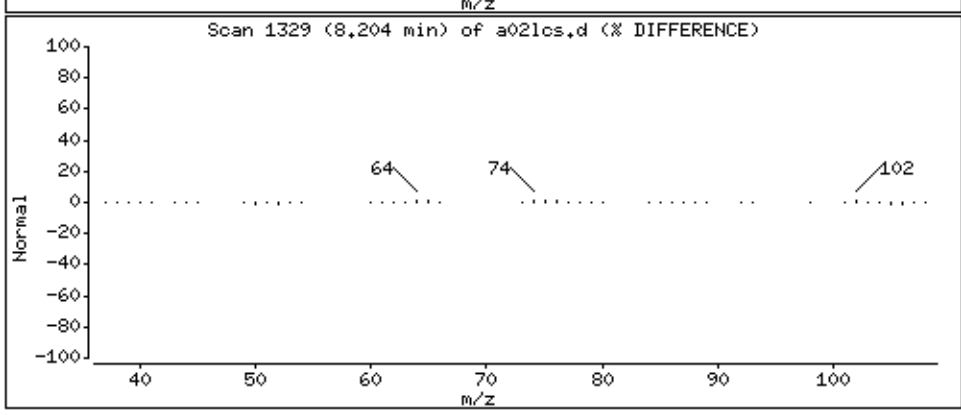












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Page 73

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

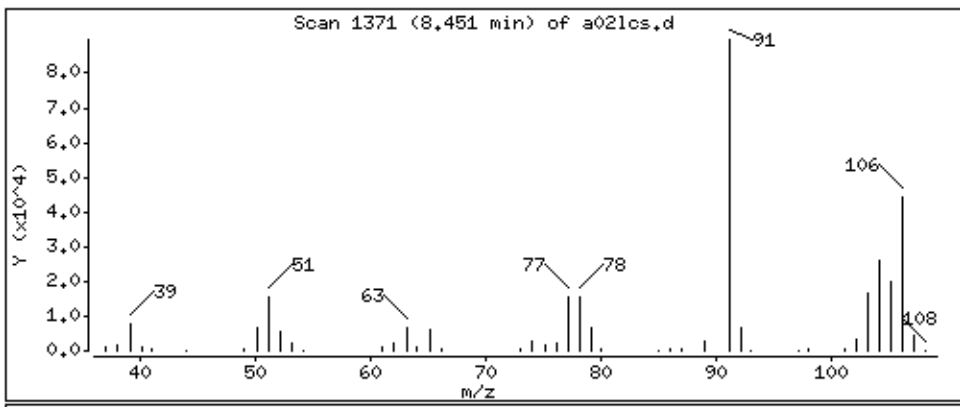
Operator: cap

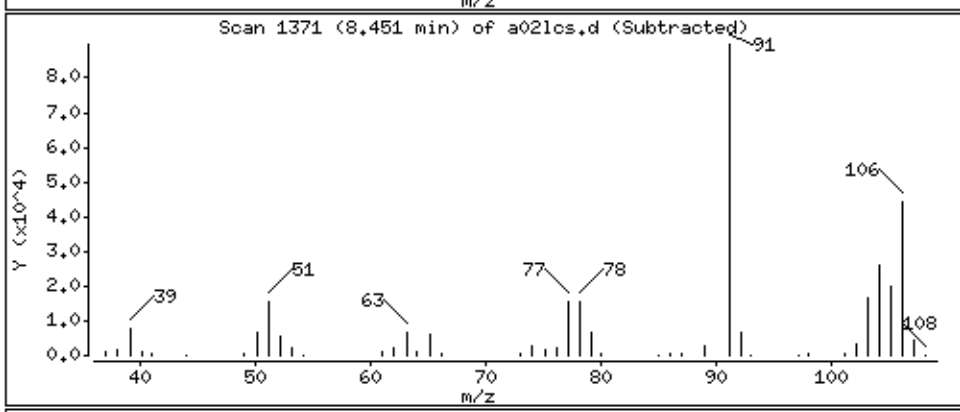
Column phase: DB-624

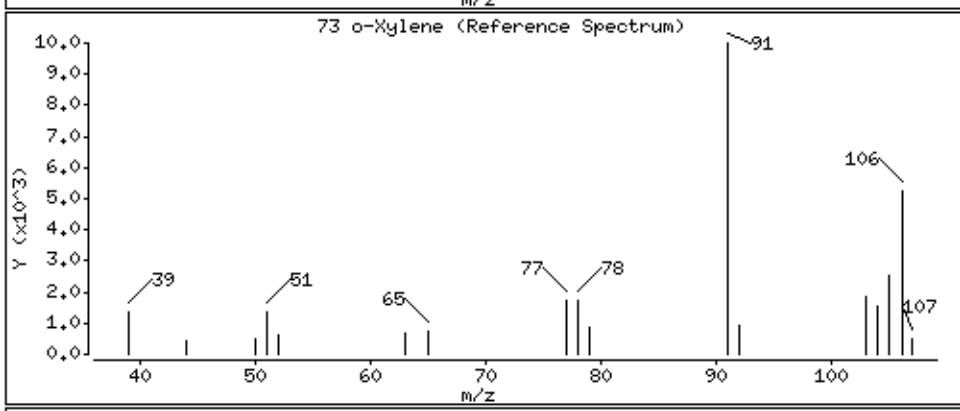
Column diameter: 0.18

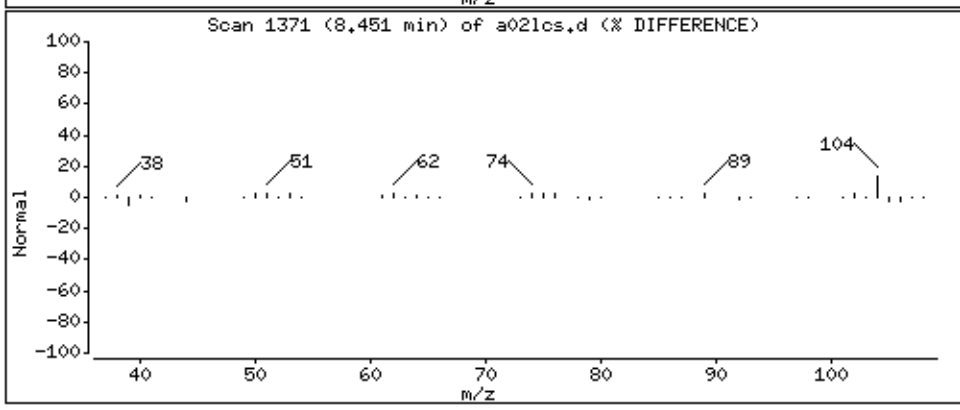
73 o-Xylene

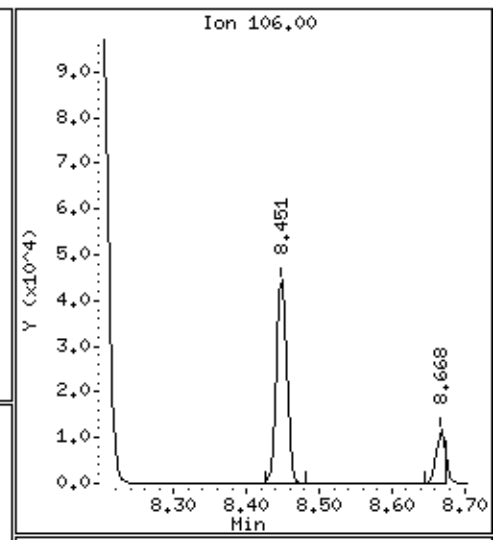
Concentration: 52.0 ppb

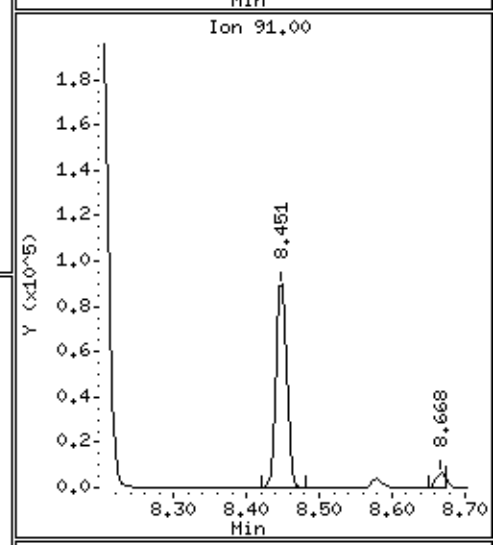


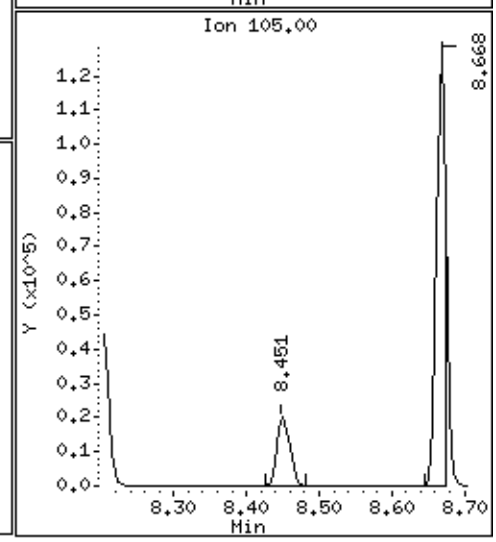












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

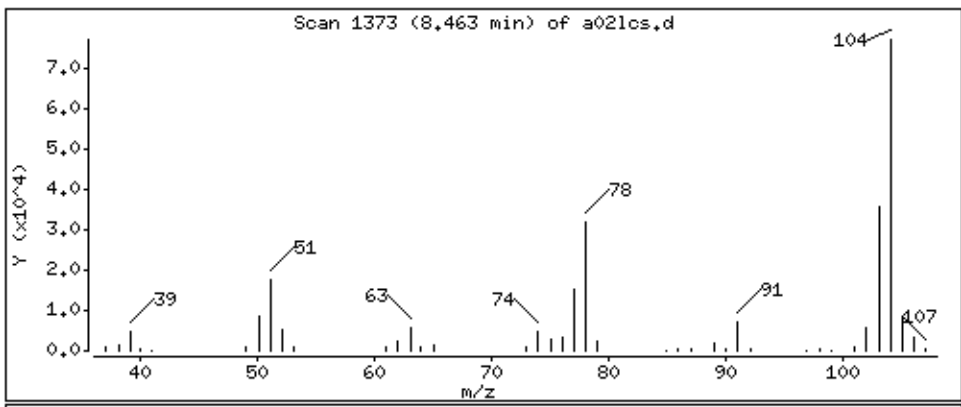
Operator: cap

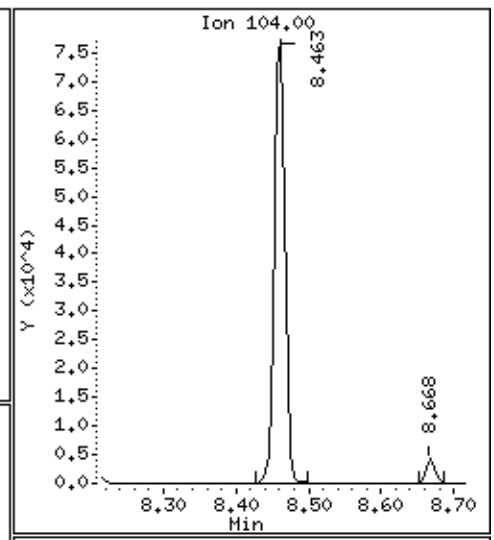
Column phase: DB-624

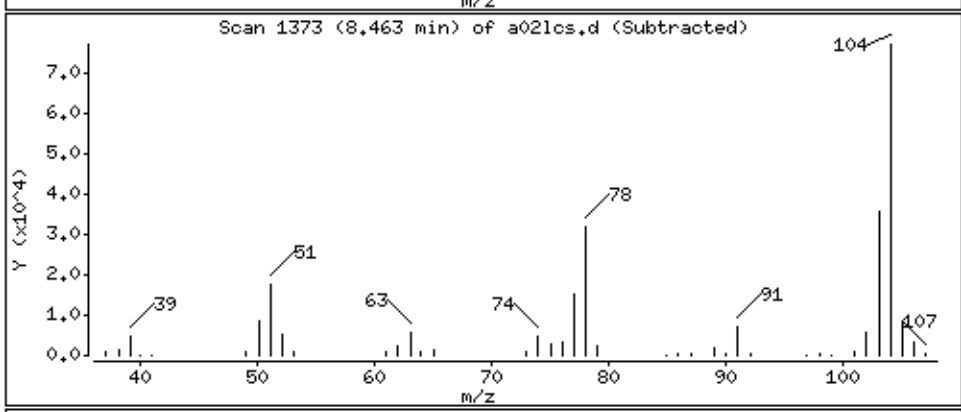
Column diameter: 0.18

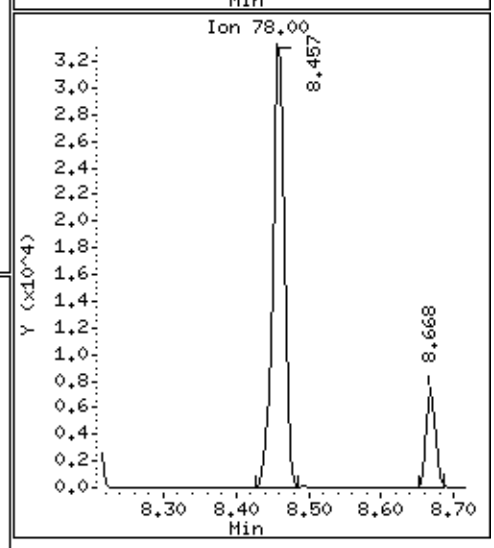
74 Styrene

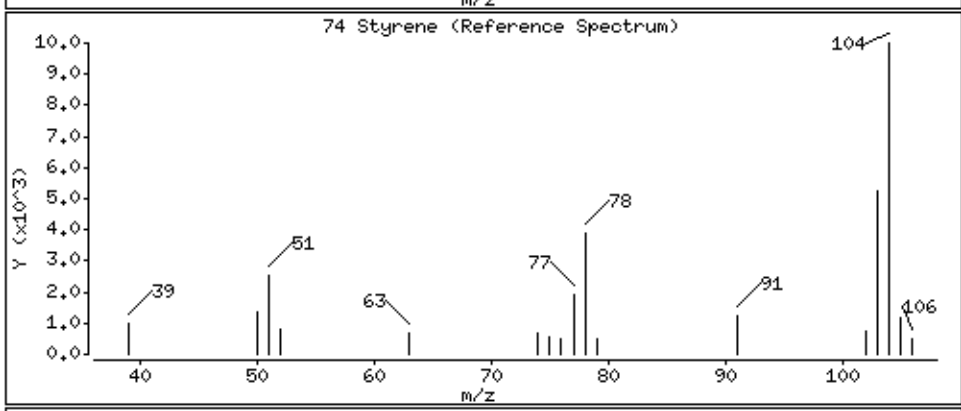
Concentration: 56.9 ppb

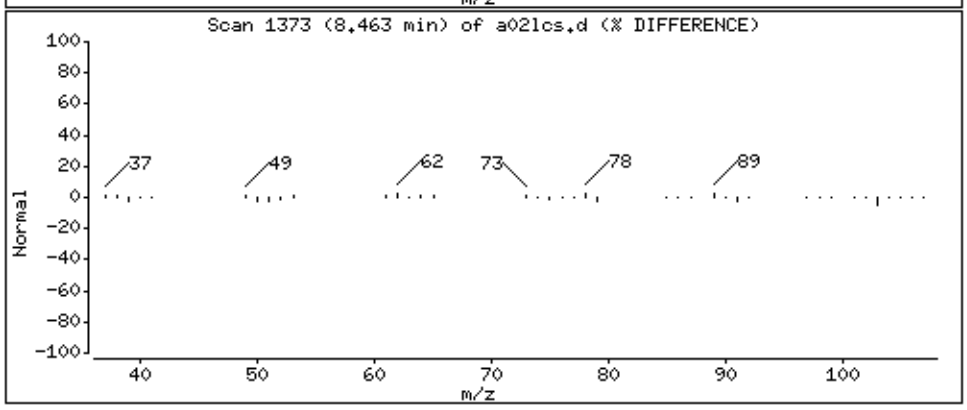












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

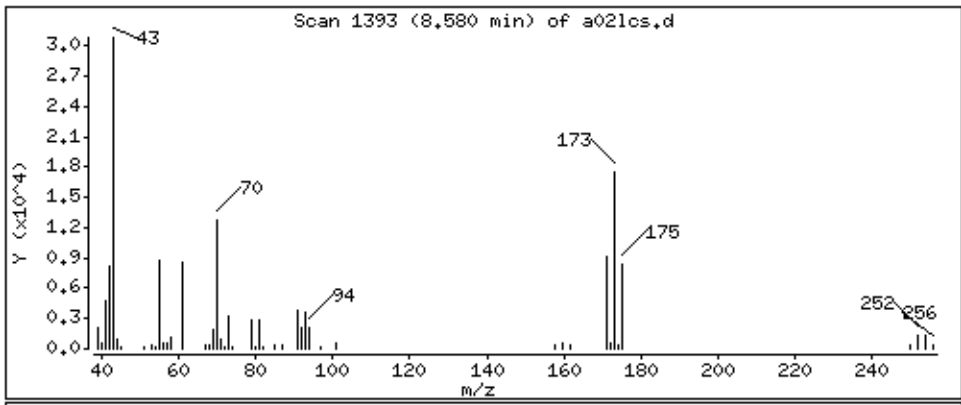
Operator: cap

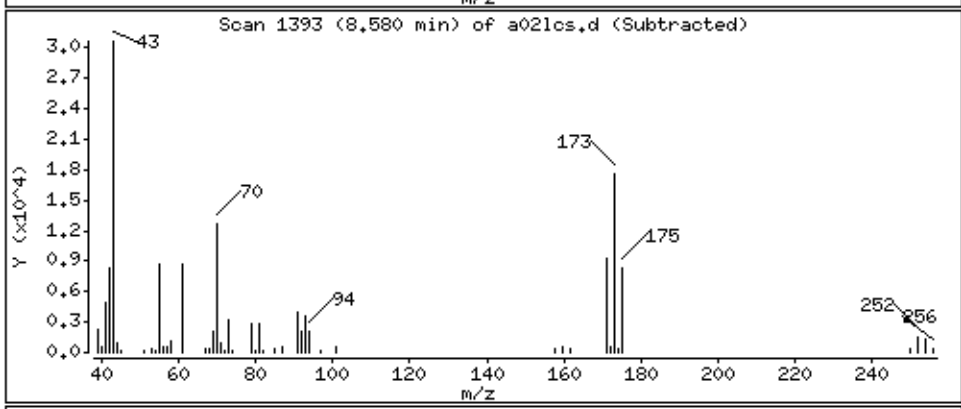
Column phase: DB-624

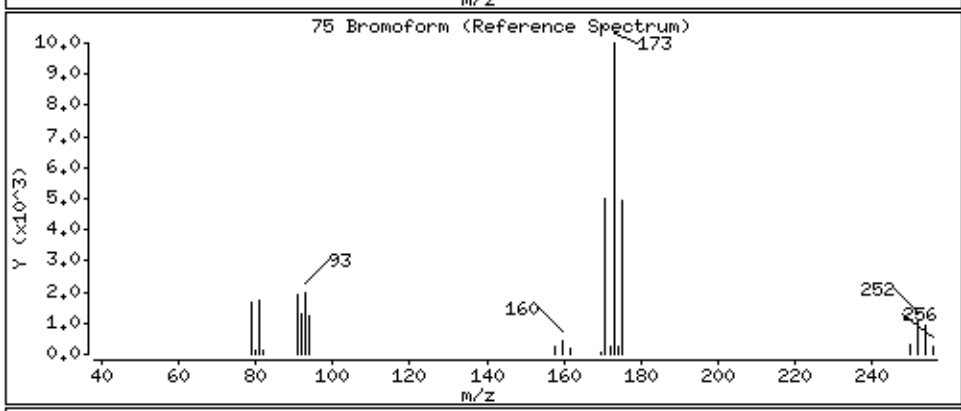
Column diameter: 0.18

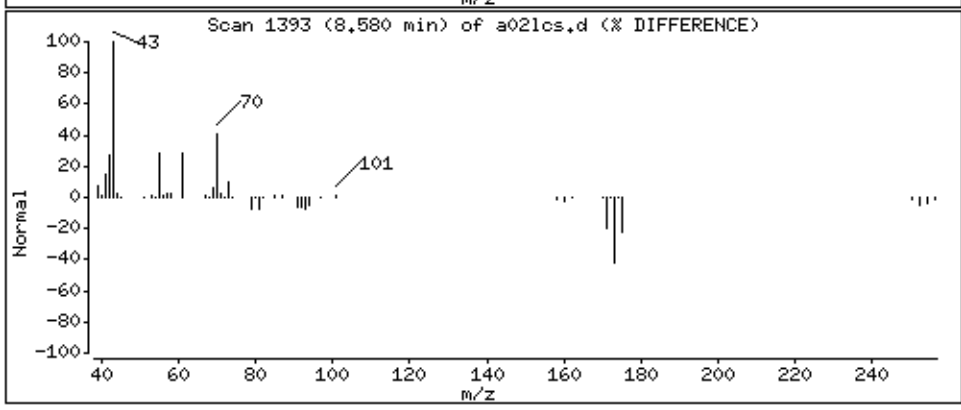
75 Bromoform

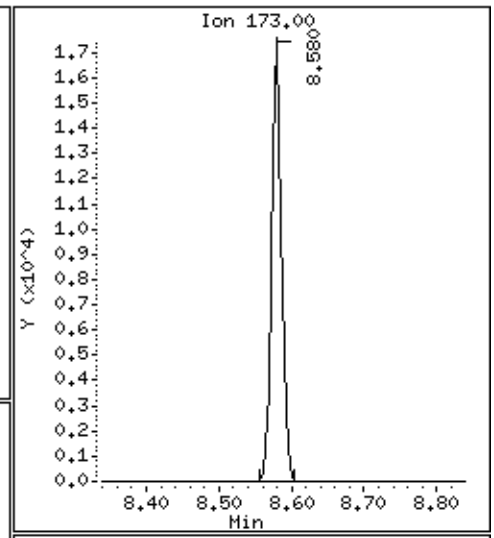
Concentration: 48.6 ppb

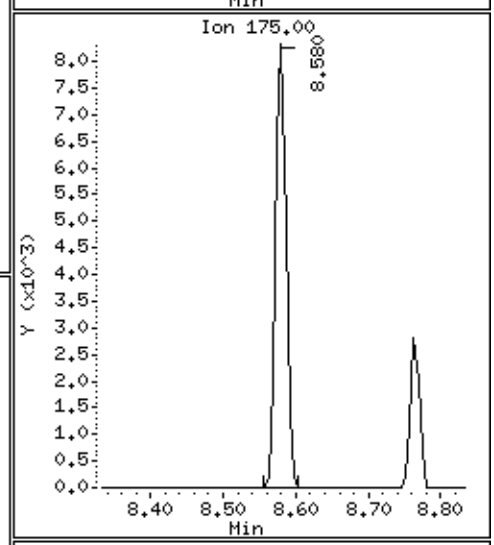


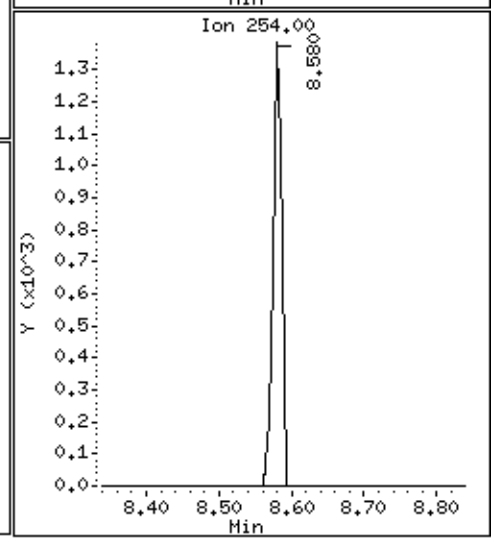












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

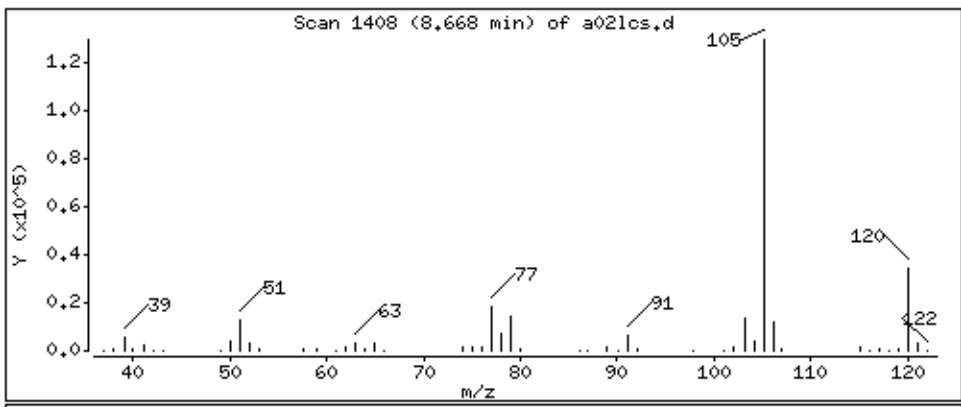
Operator: cap

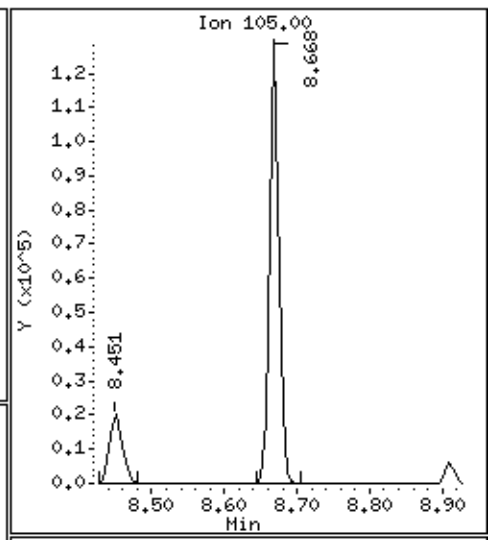
Column phase: DB-624

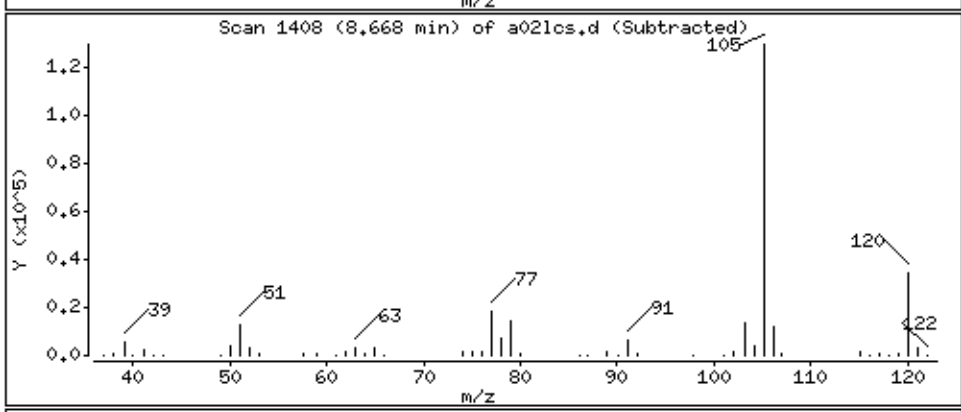
Column diameter: 0.18

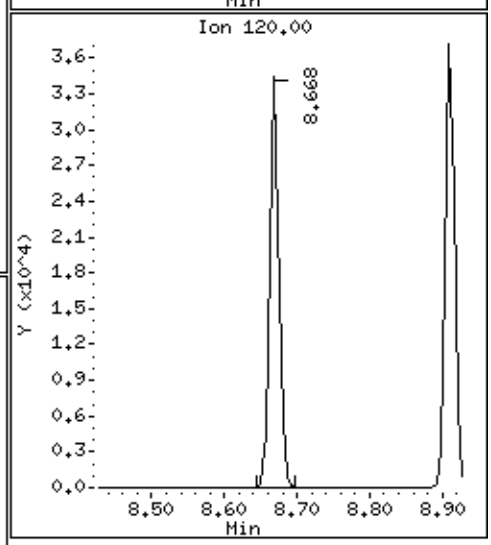
76 Isopropylbenzene

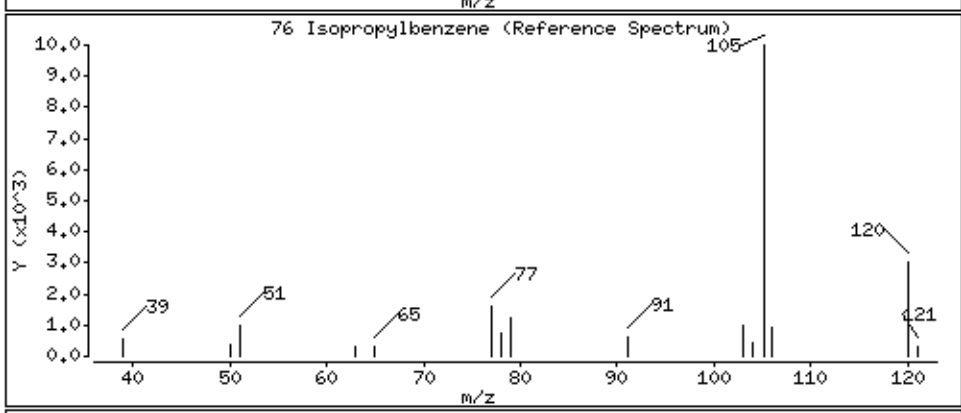
Concentration: 53.0 ppb

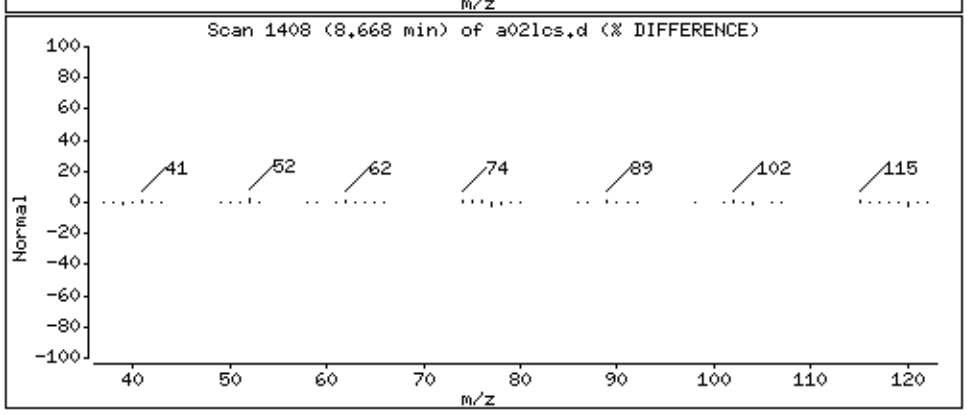












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

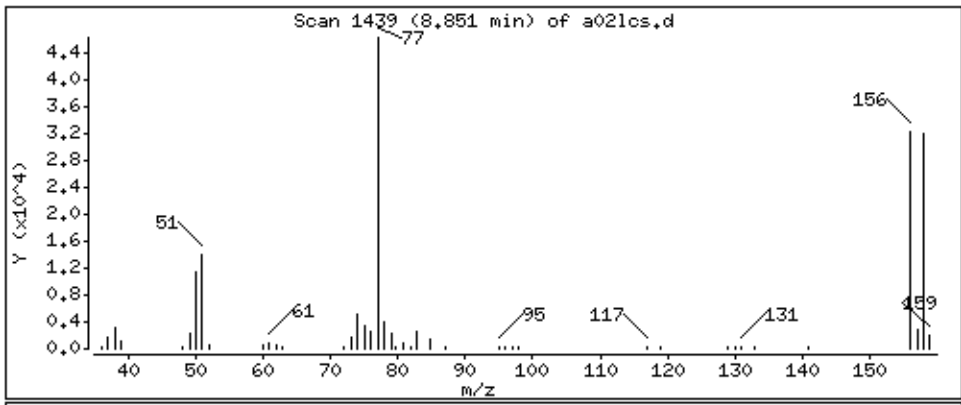
Operator: cap

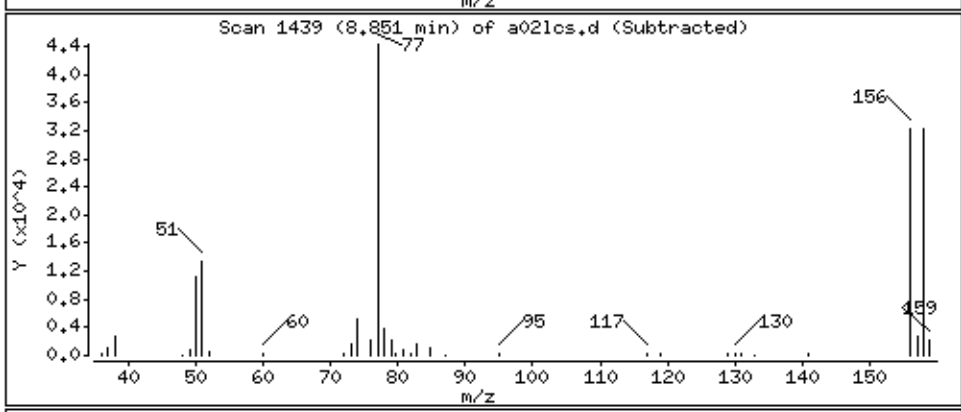
Column phase: DB-624

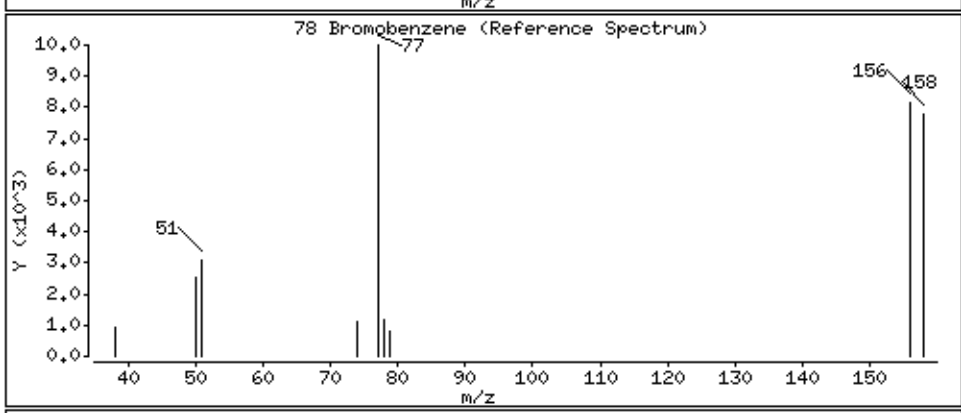
Column diameter: 0.18

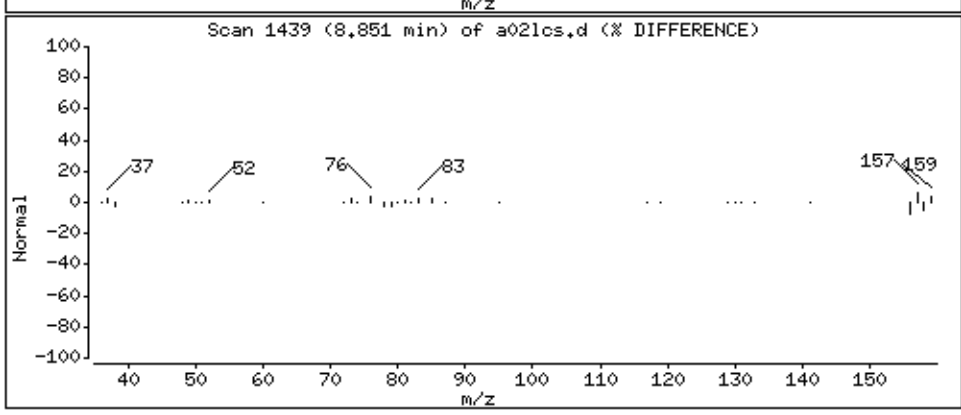
78 Bromobenzene

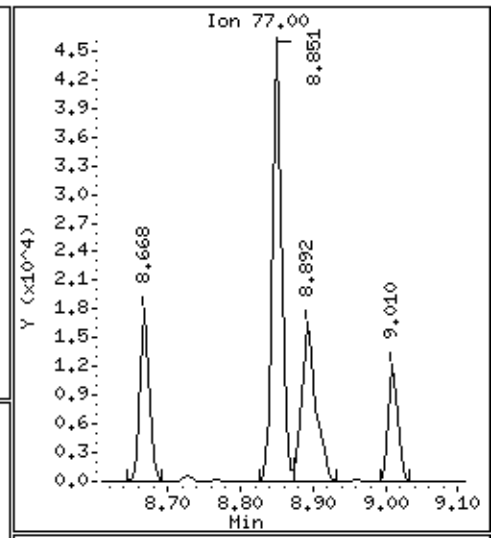
Concentration: 54.0 ppb

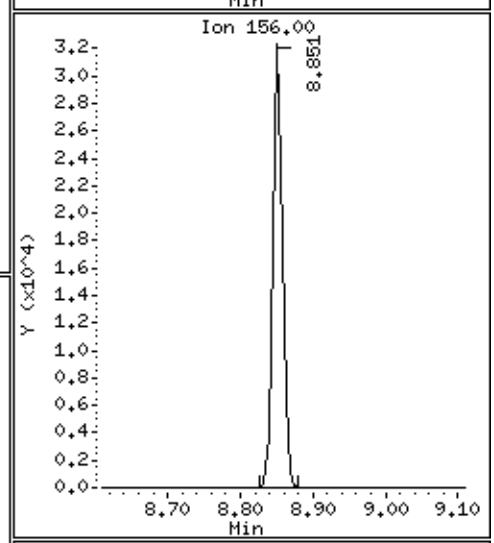


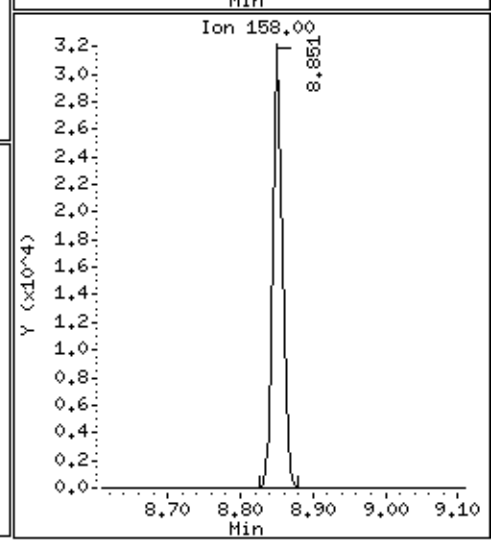












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

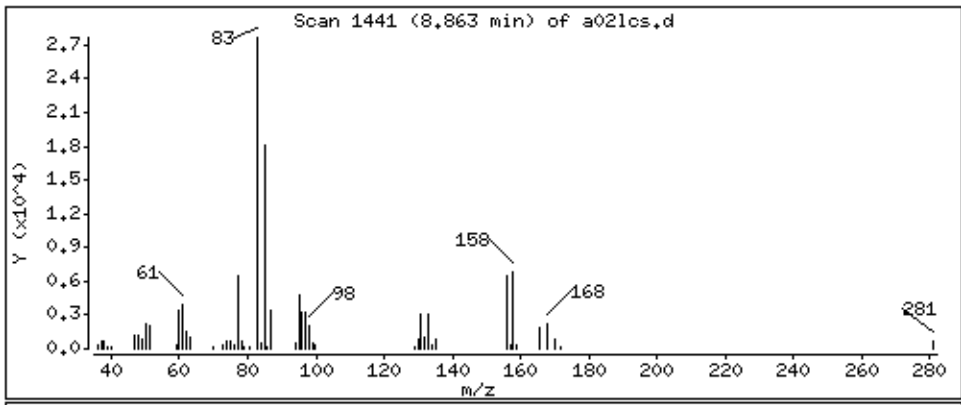
Operator: cap

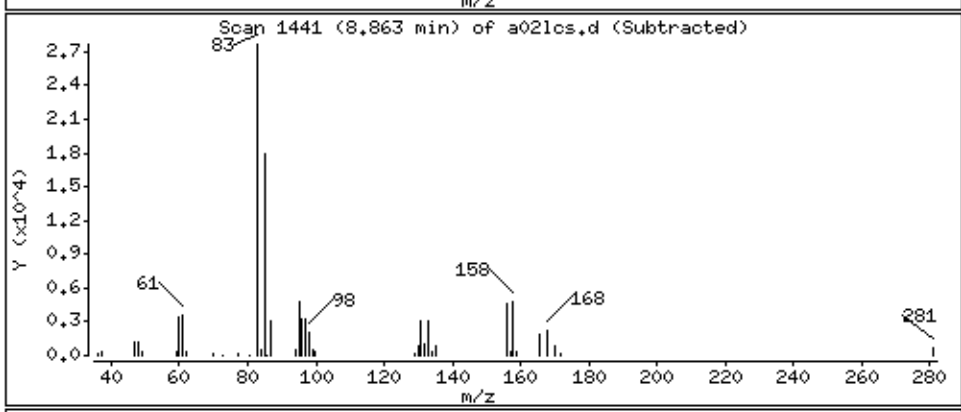
Column phase: DB-624

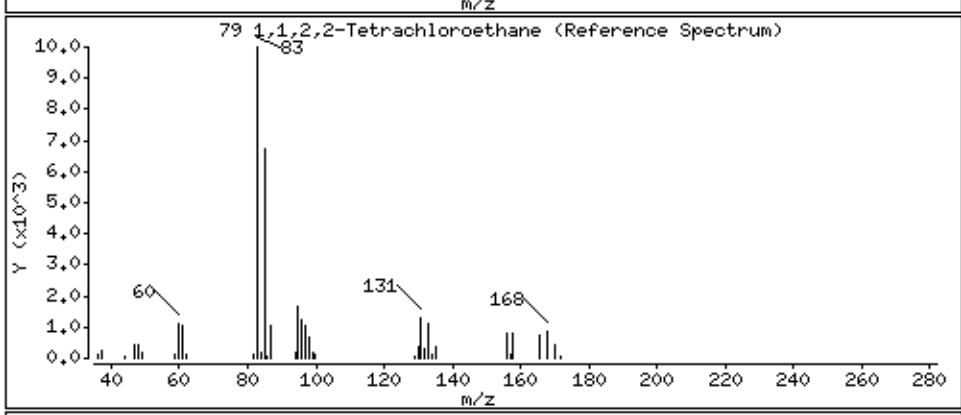
Column diameter: 0.18

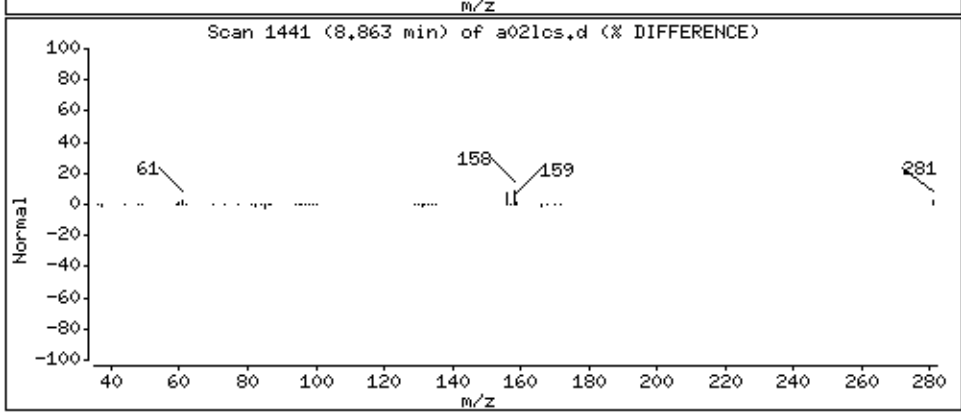
79 1,1,2,2-Tetrachloroethane

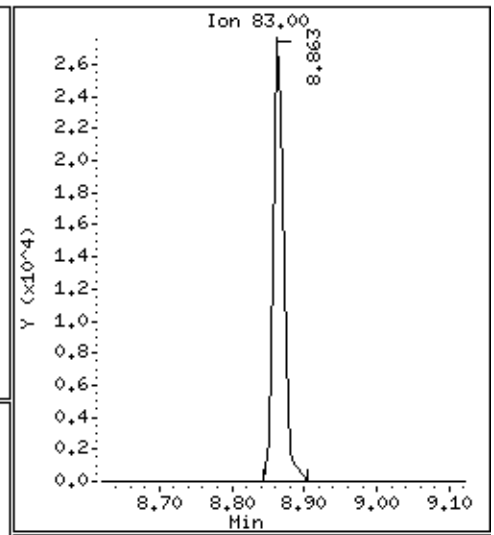
Concentration: 48.4 ppb

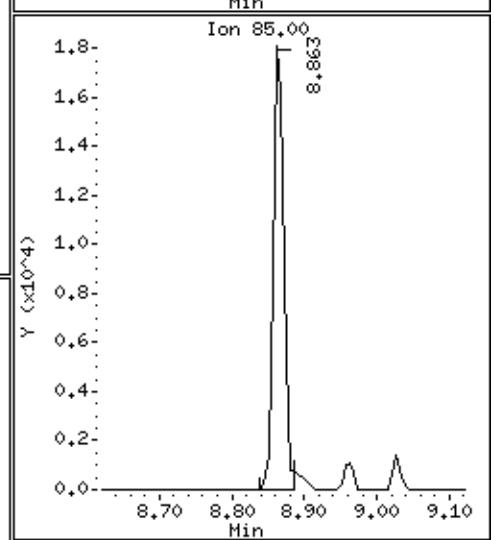


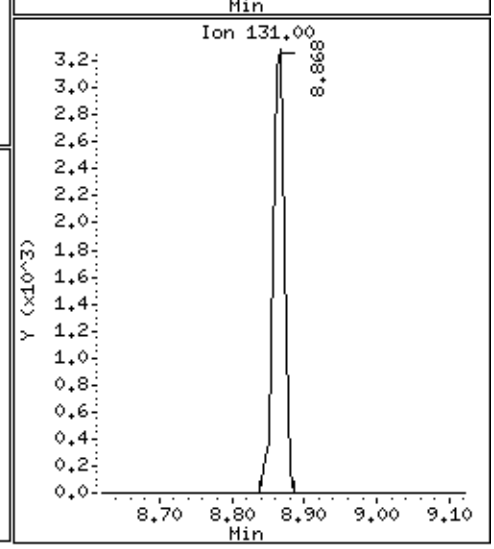












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

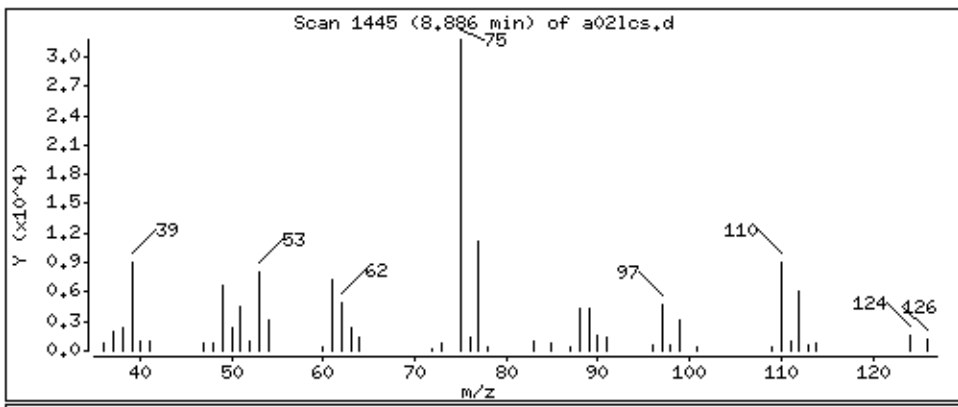
Operator: cap

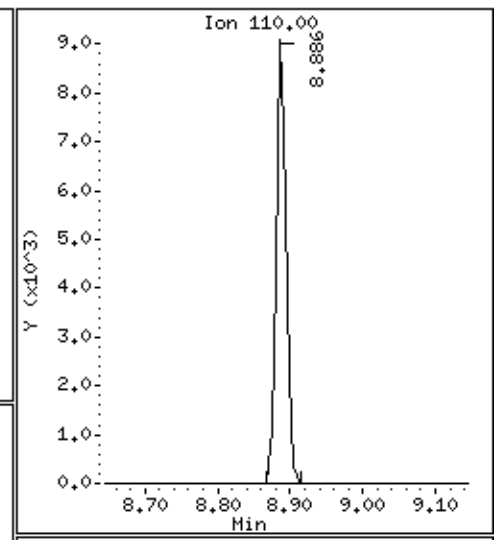
Column phase: DB-624

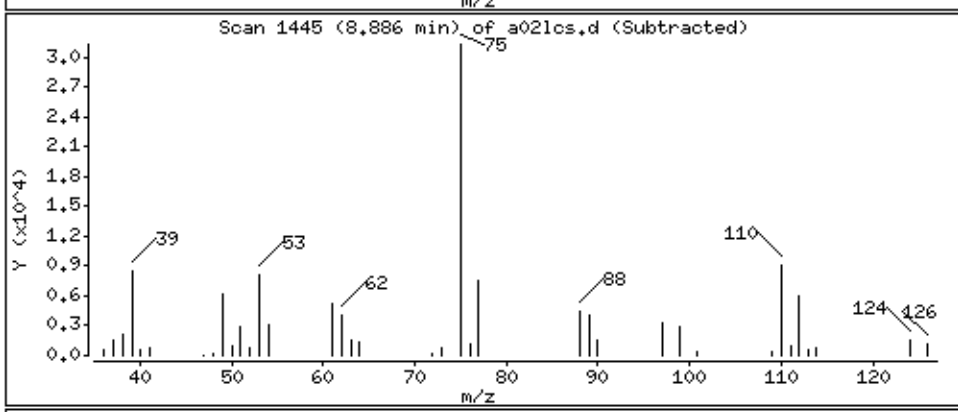
Column diameter: 0.18

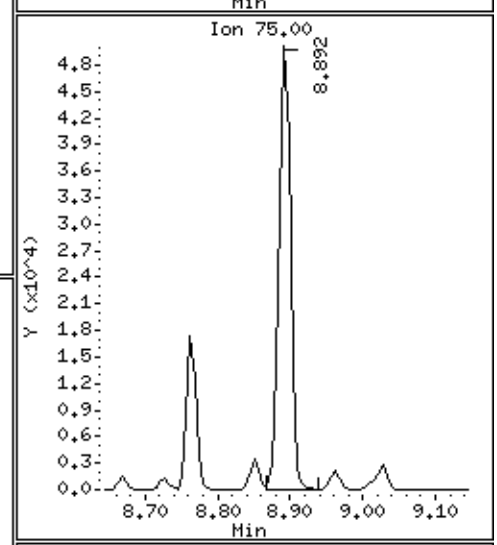
80 1,2,3-Trichloropropane

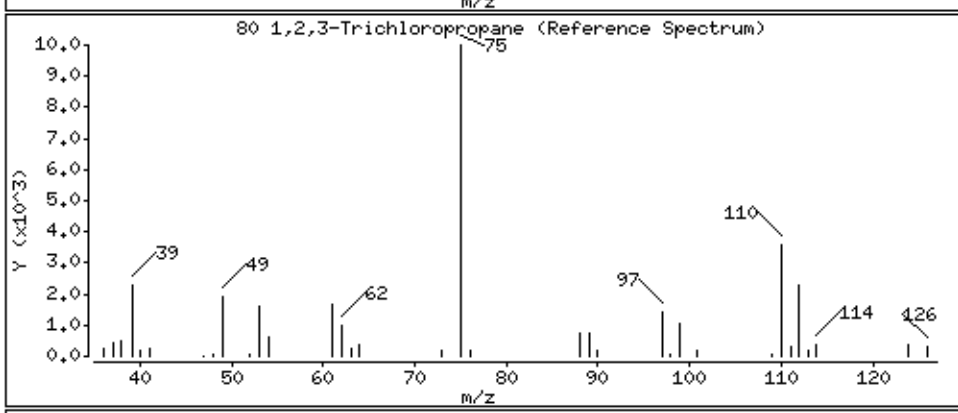
Concentration: 49.1 ppb

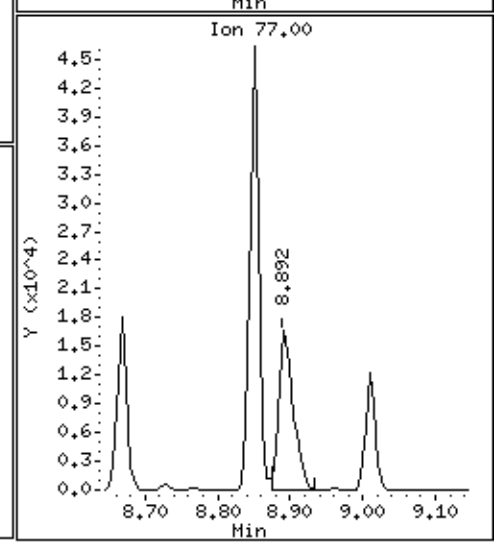


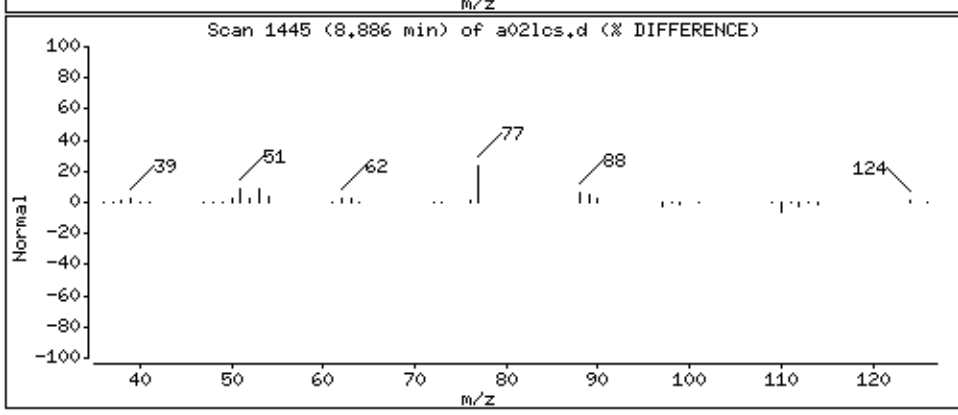












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

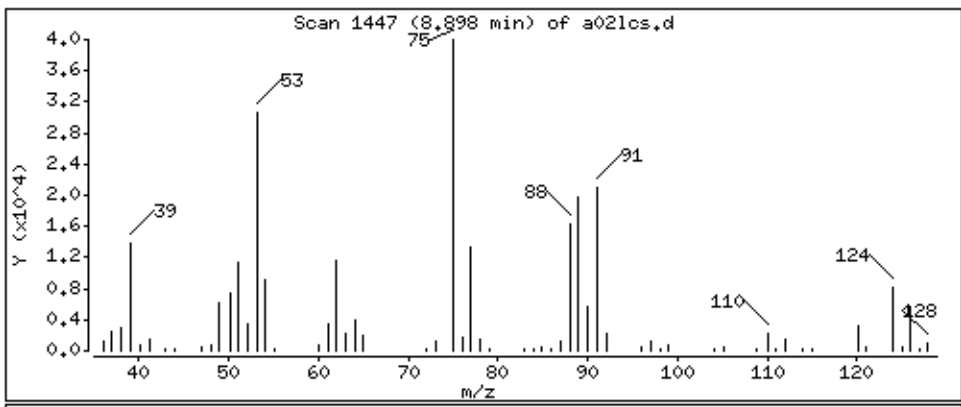
Operator: cap

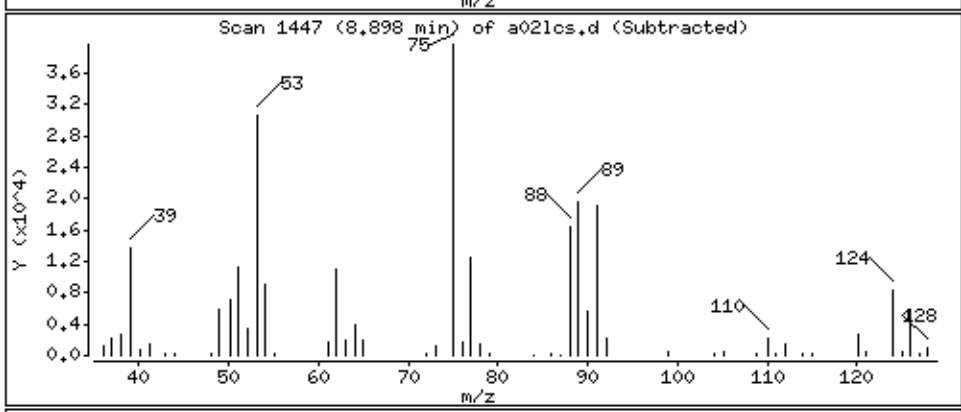
Column phase: DB-624

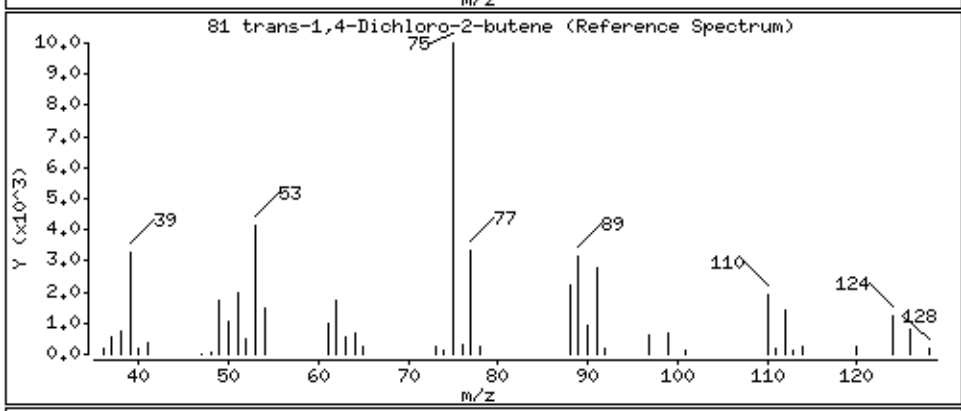
Column diameter: 0.18

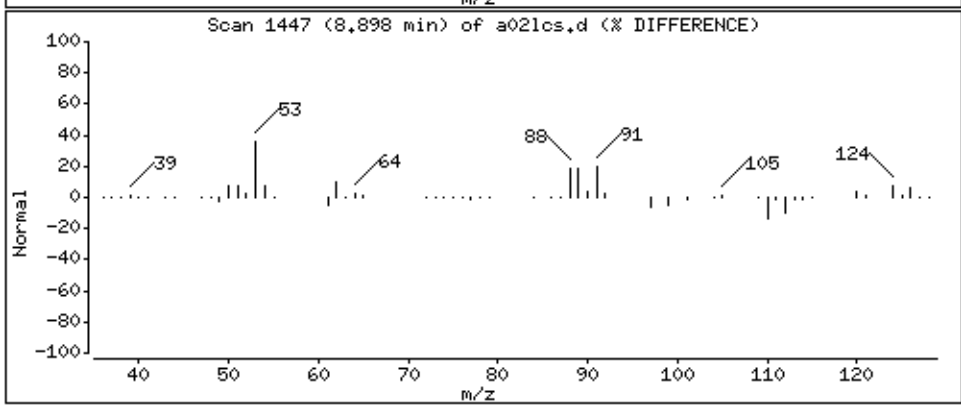
81 trans-1,4-Dichloro-2-butene

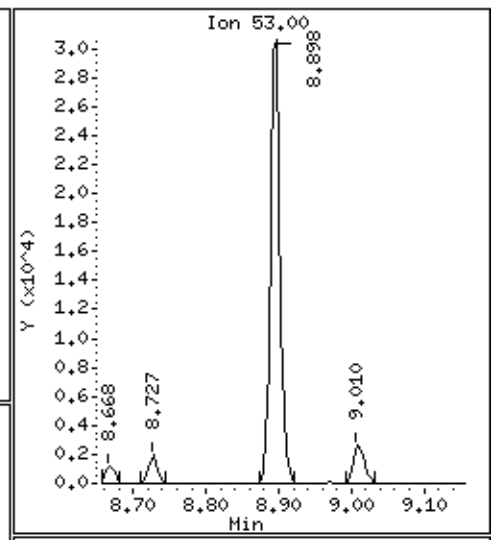
Concentration: 199 ppb

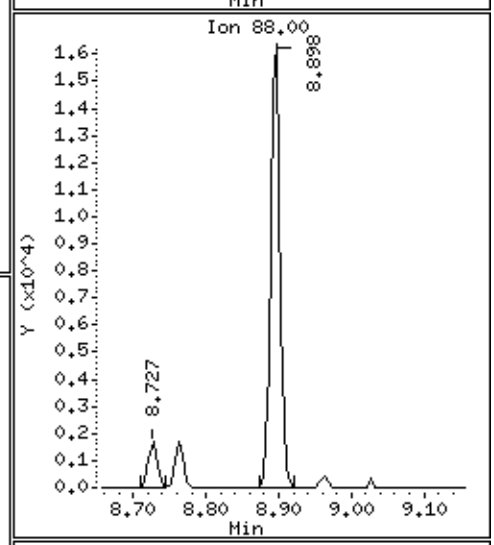


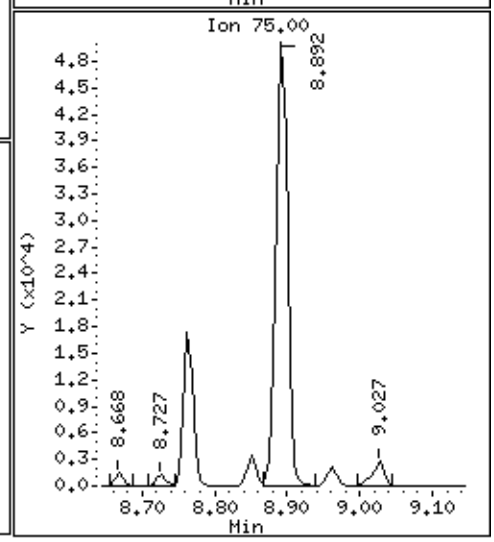












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

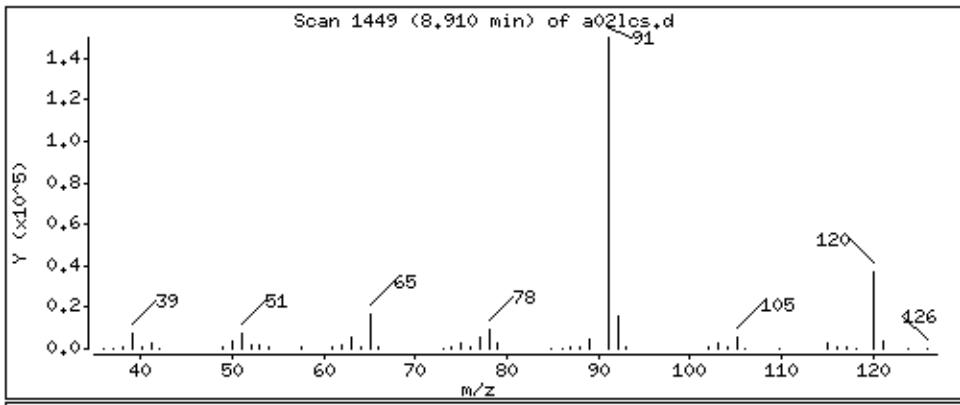
Operator: cap

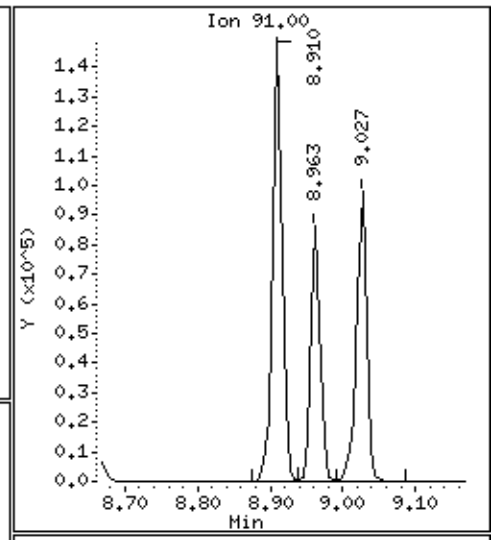
Column phase: DB-624

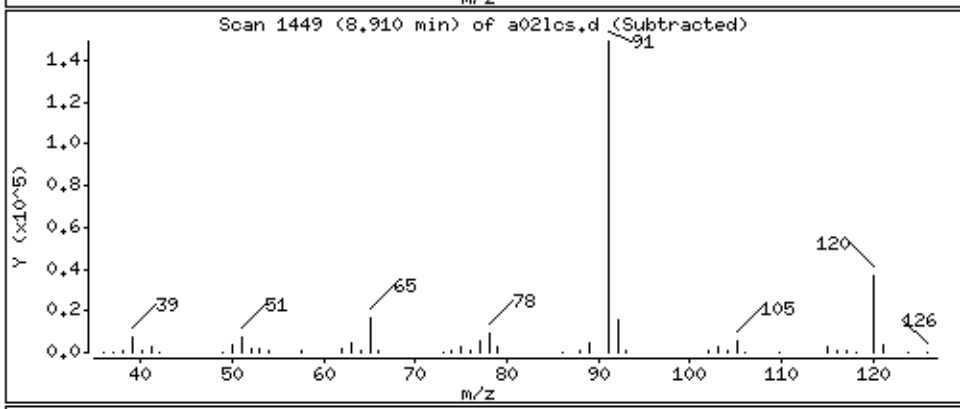
Column diameter: 0.18

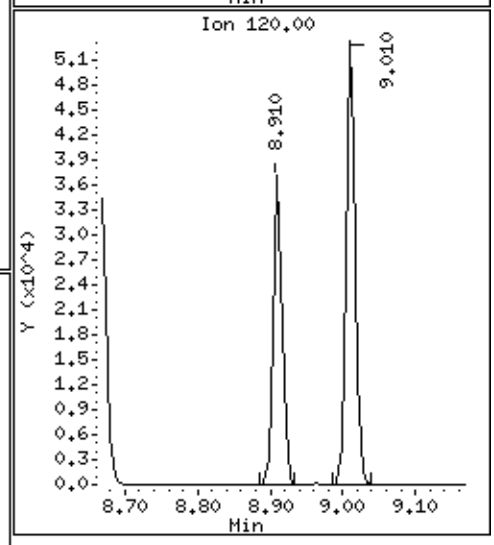
82 n-Propylbenzene

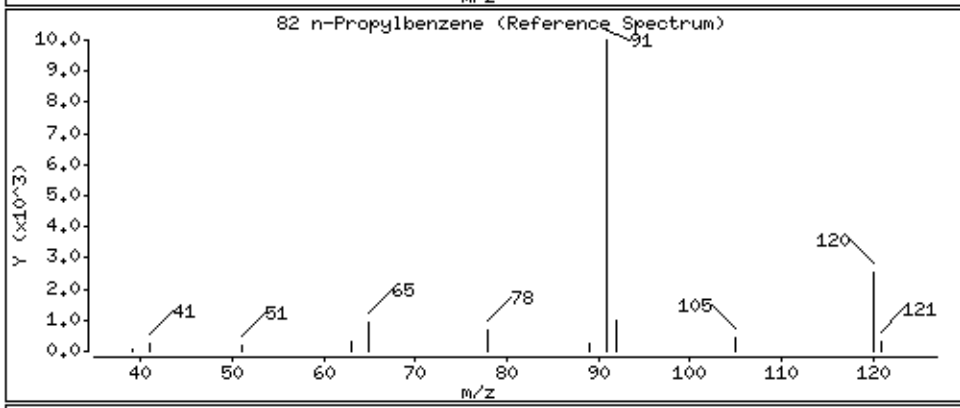
Concentration: 56.2 ppb

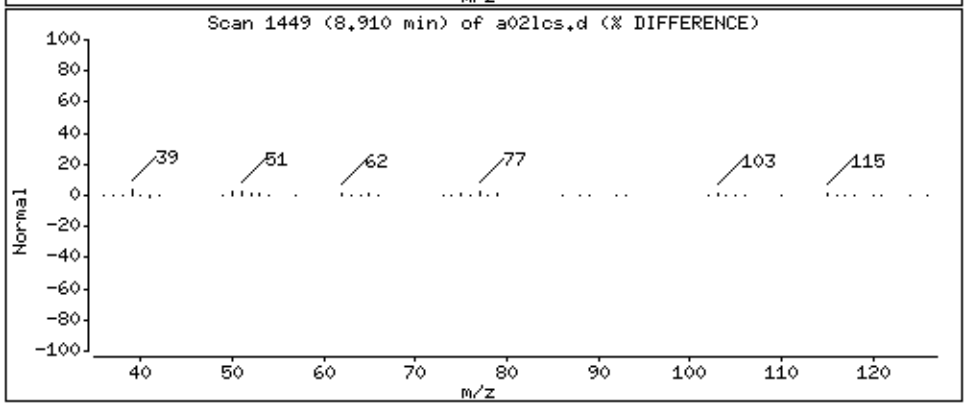












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

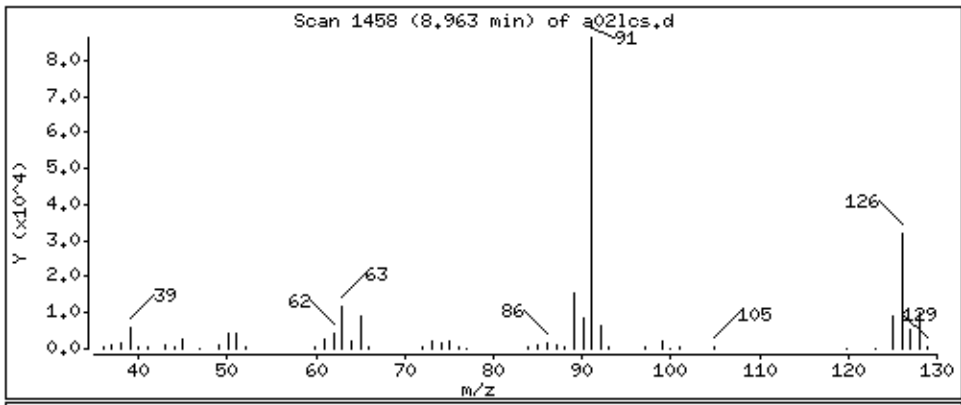
Operator: cap

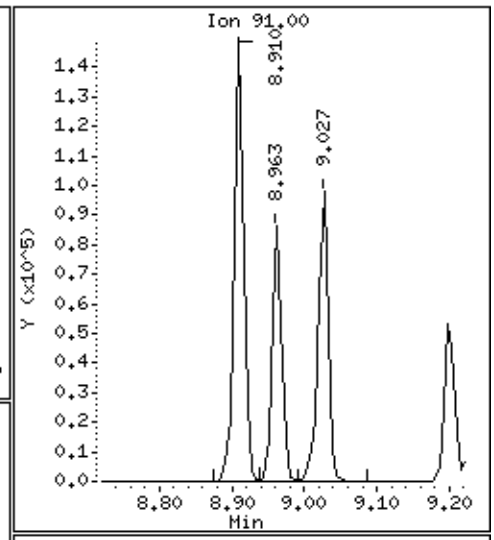
Column phase: DB-624

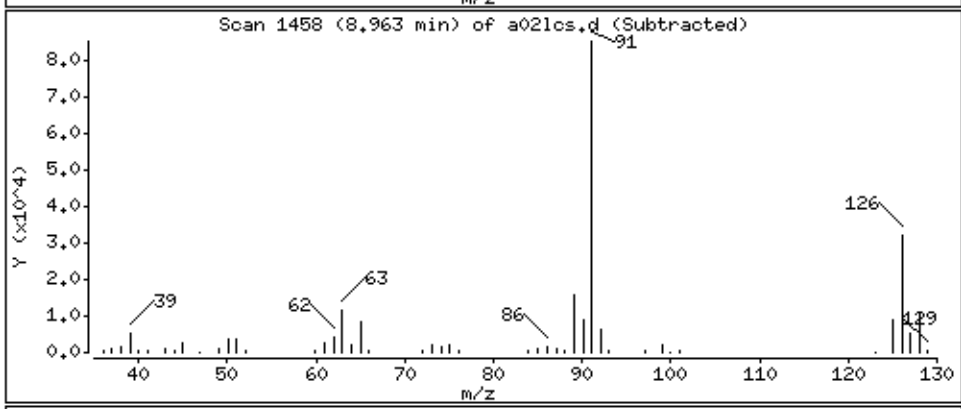
Column diameter: 0.18

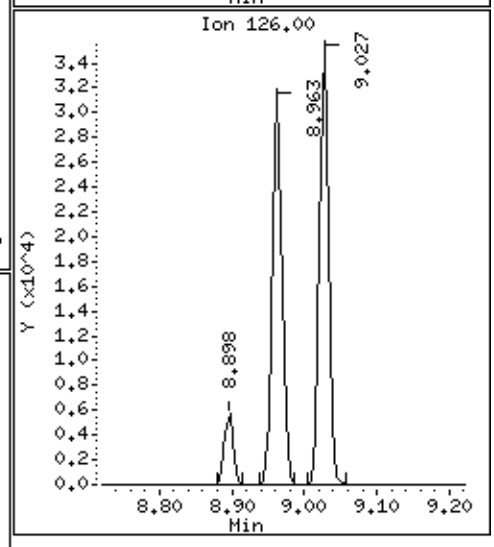
83 2-Chlorotoluene

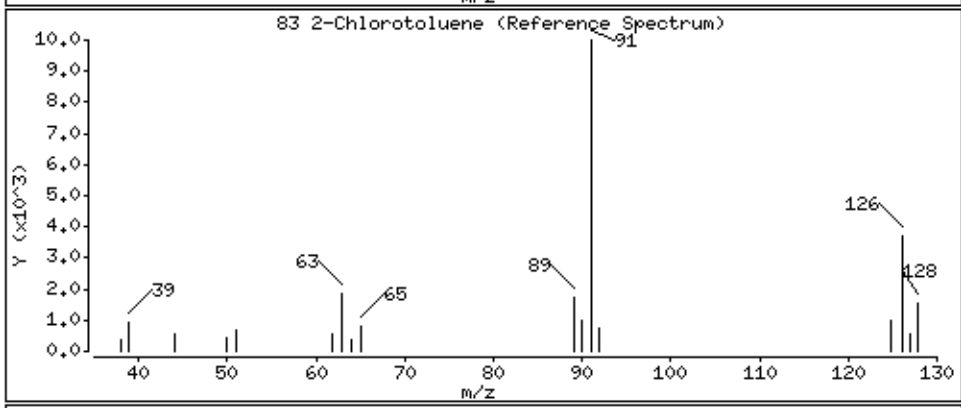
Concentration: 54.4 ppb

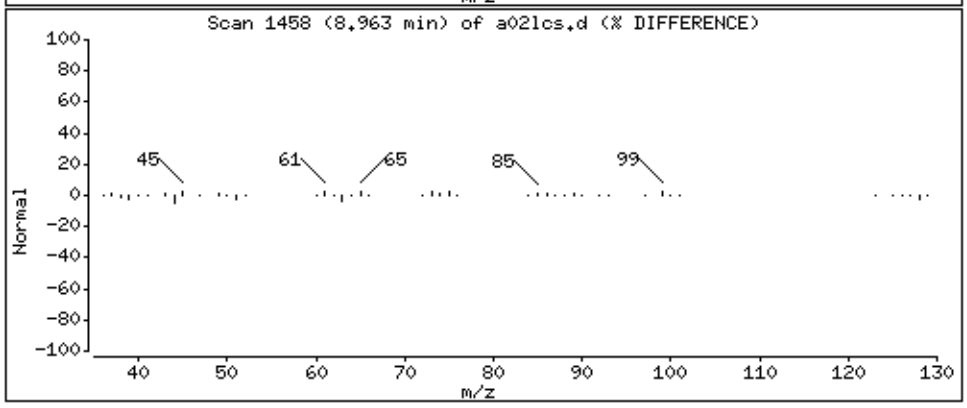












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

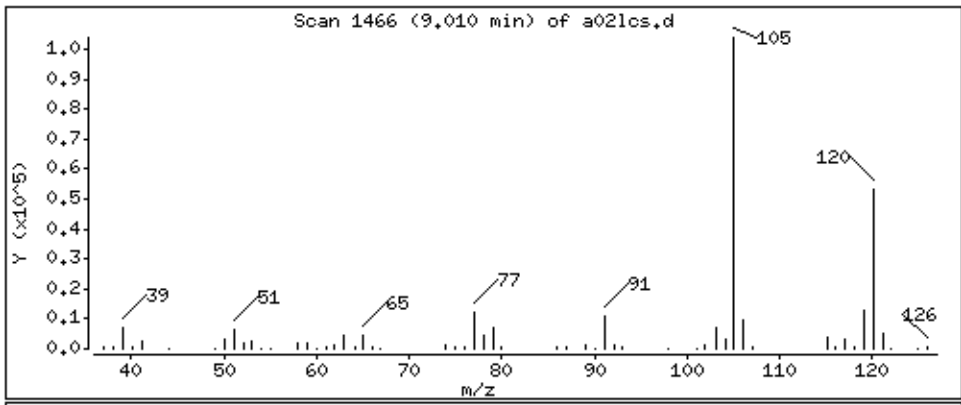
Operator: cap

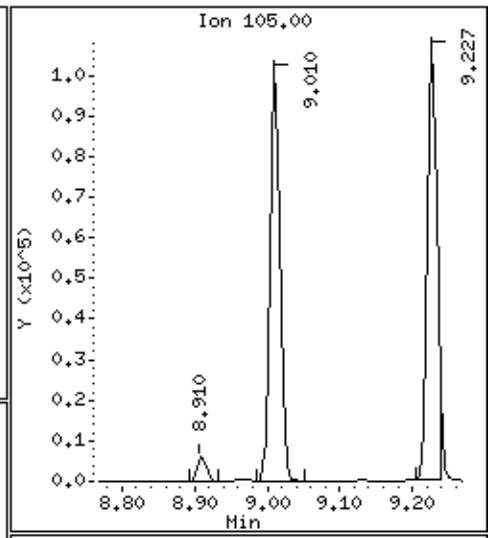
Column phase: DB-624

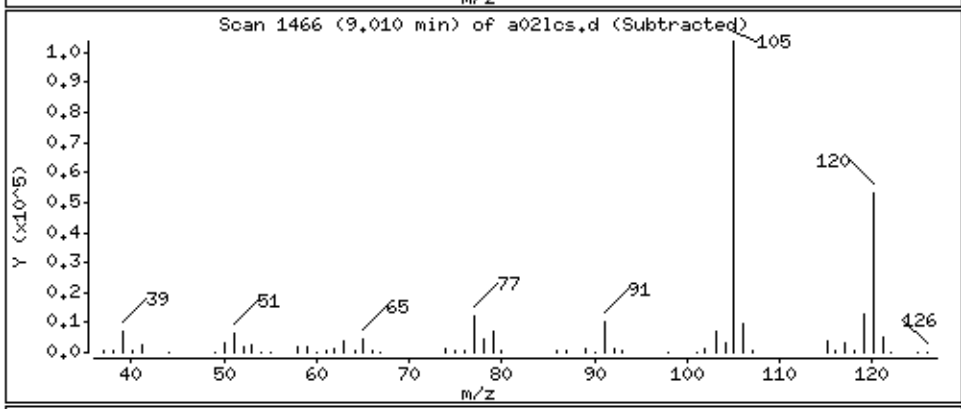
Column diameter: 0.18

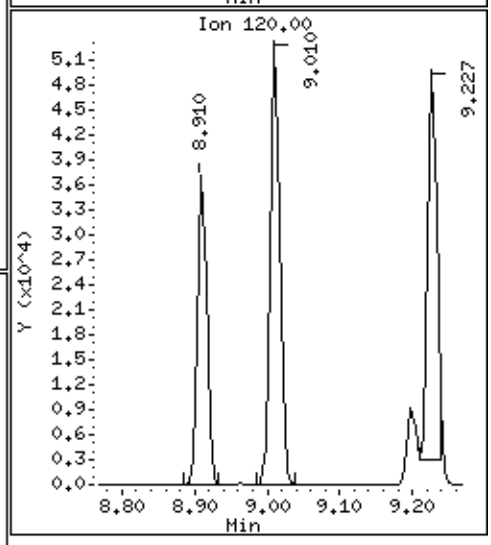
84 1,3,5-Trimethylbenzene

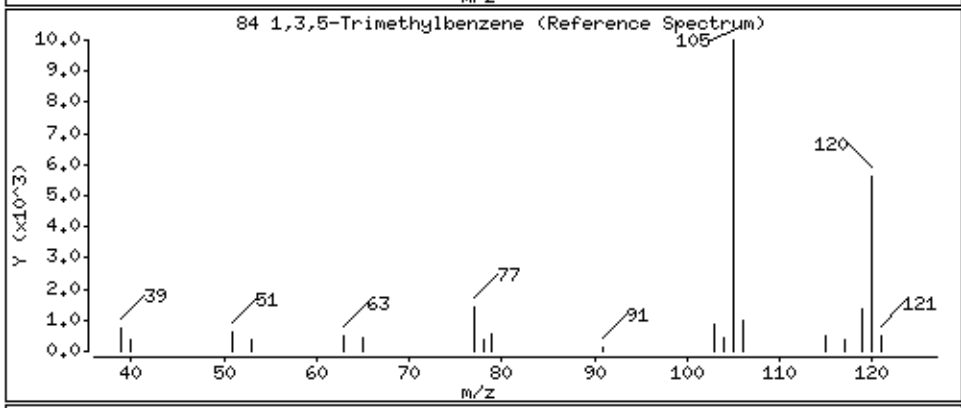
Concentration: 55.7 ppb

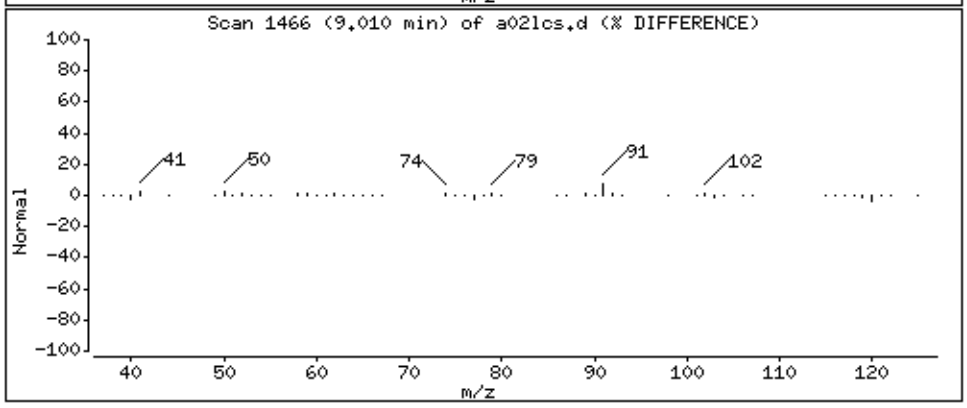












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

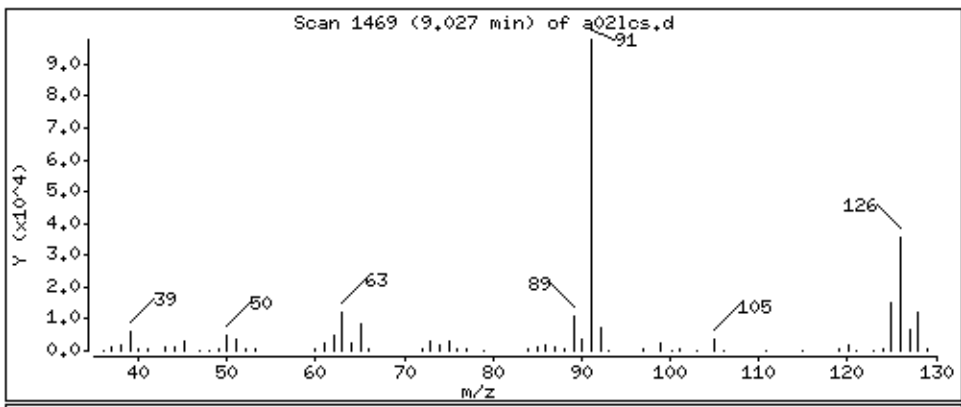
Operator: cap

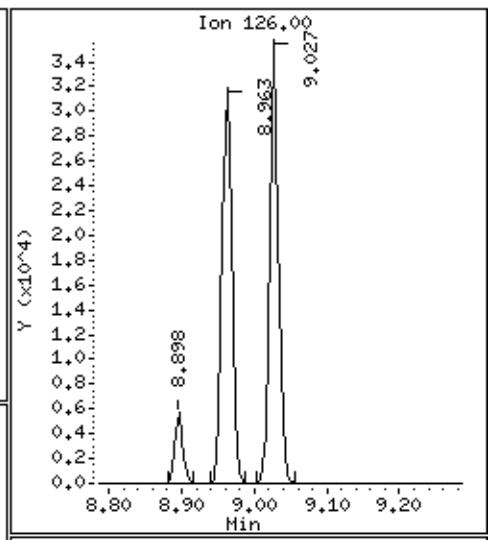
Column phase: DB-624

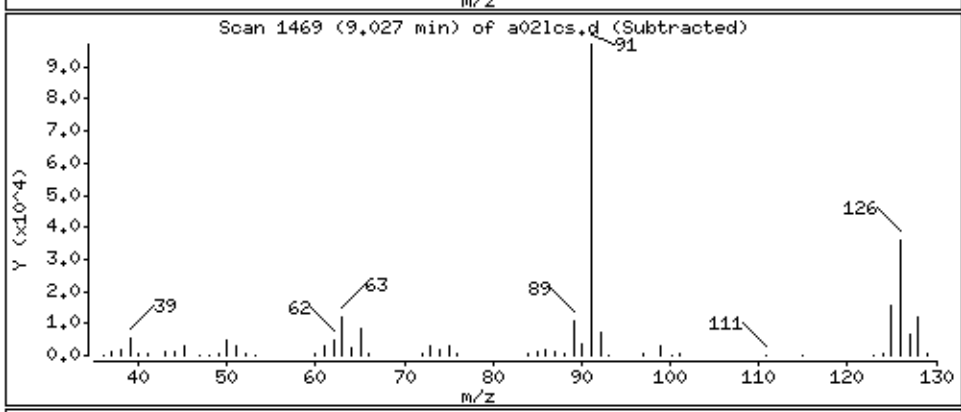
Column diameter: 0.18

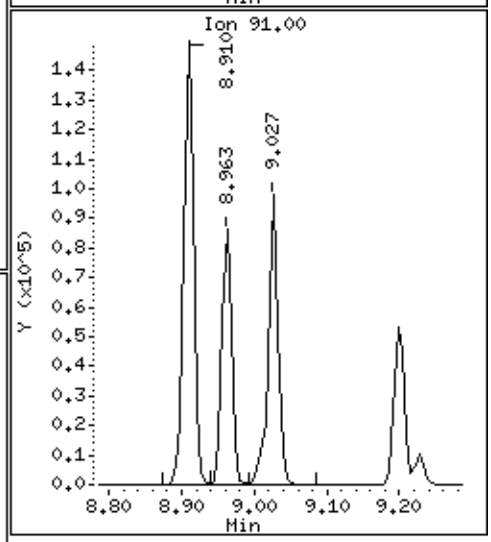
85 4-Chlorotoluene

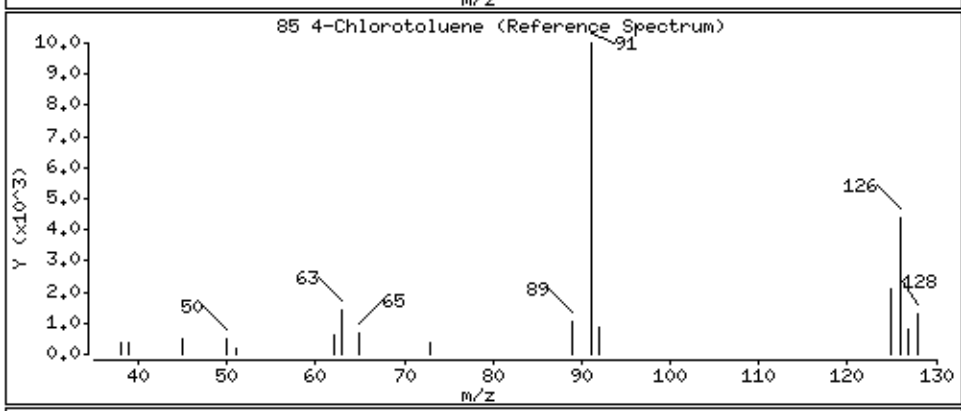
Concentration: 51.6 ppb

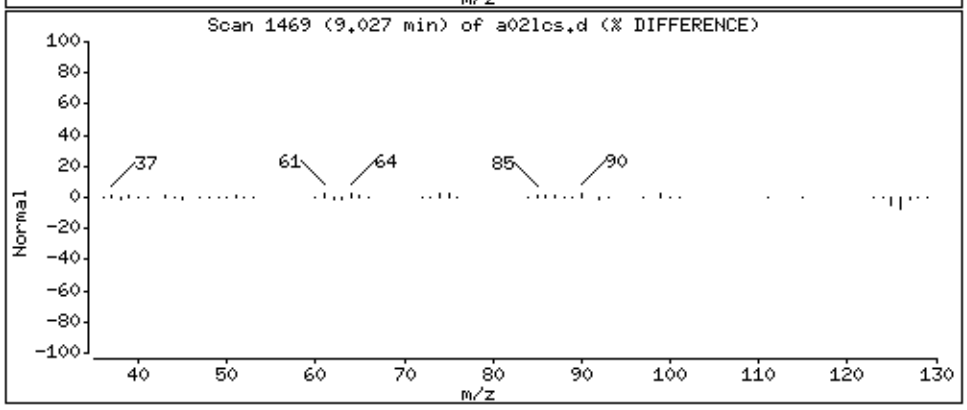












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

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Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

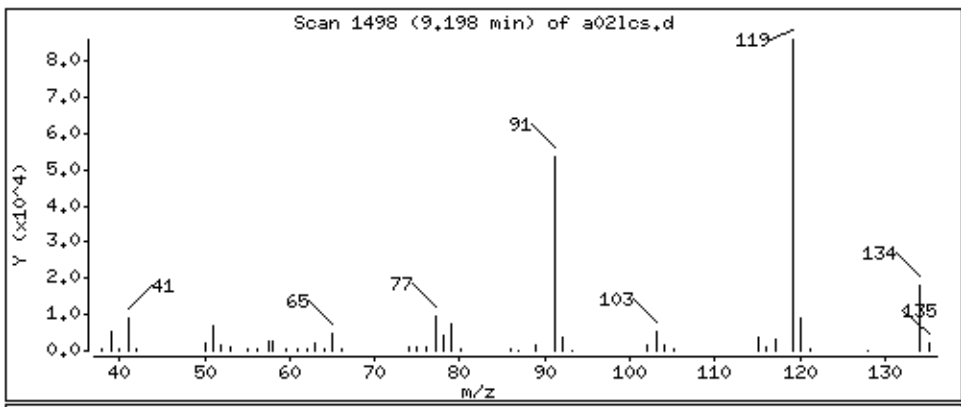
Operator: cap

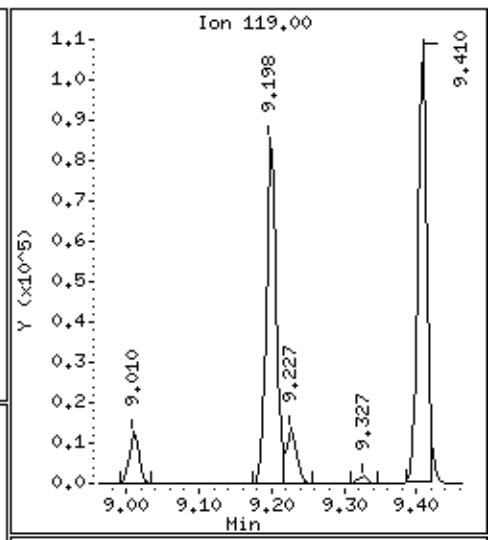
Column phase: DB-624

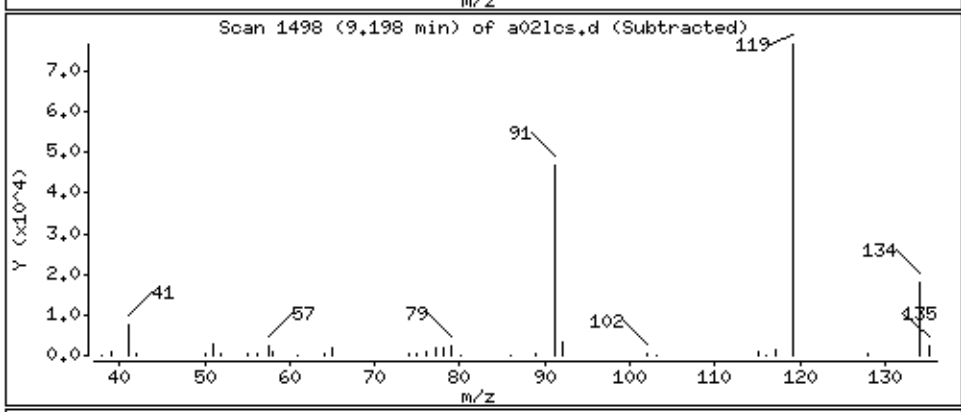
Column diameter: 0.18

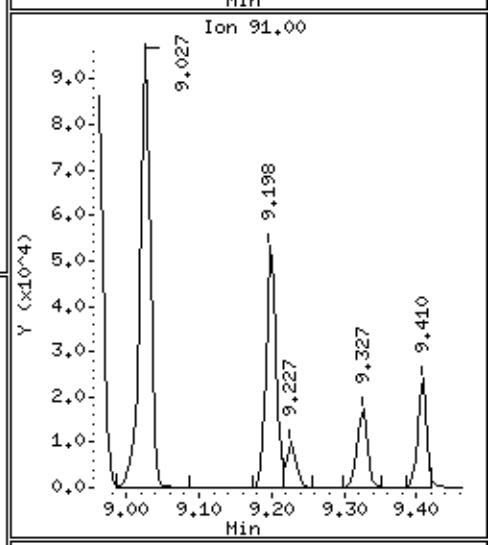
86 tert-Butylbenzene

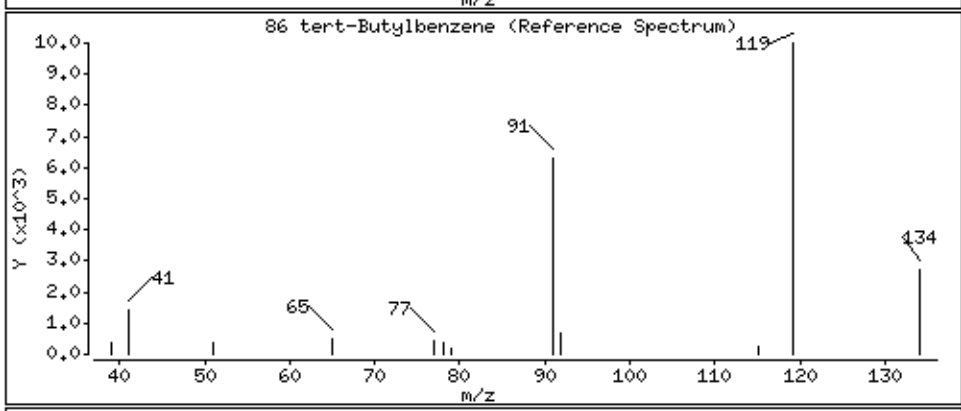
Concentration: 42.5 ppb

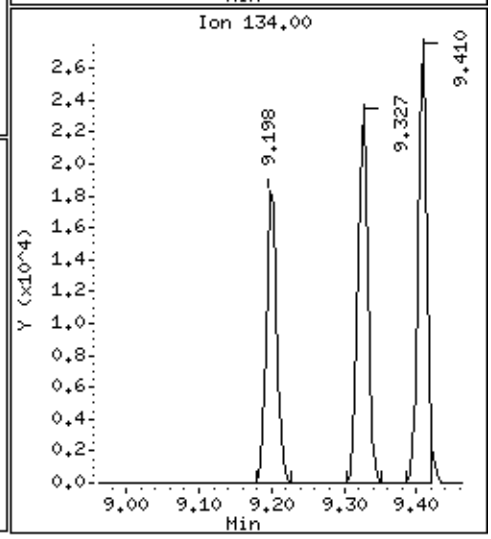


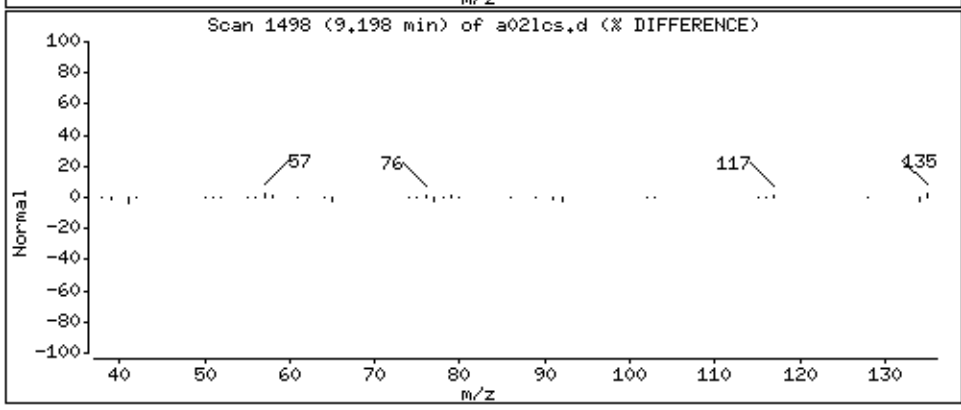












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

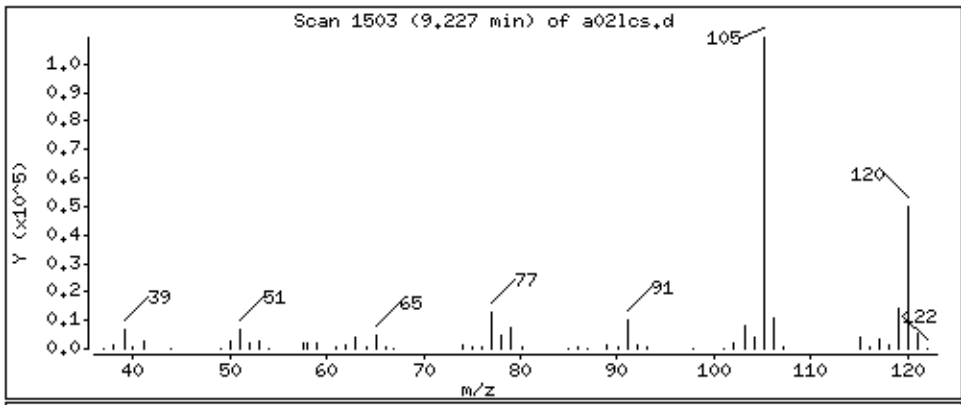
Operator: cap

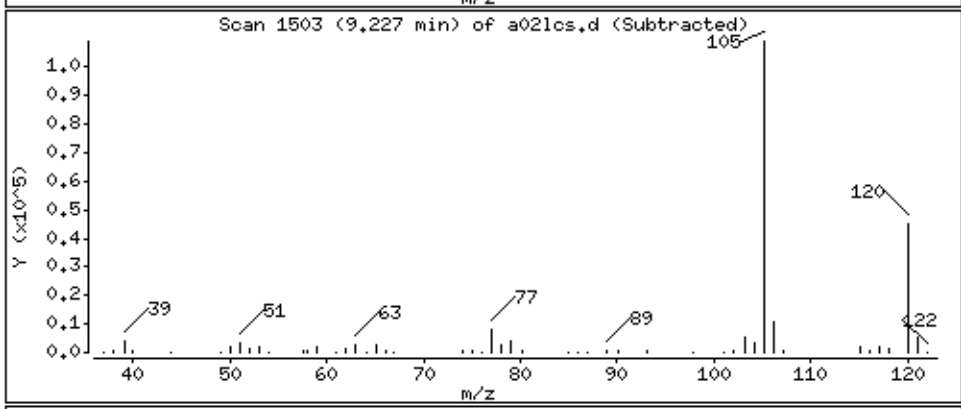
Column phase: DB-624

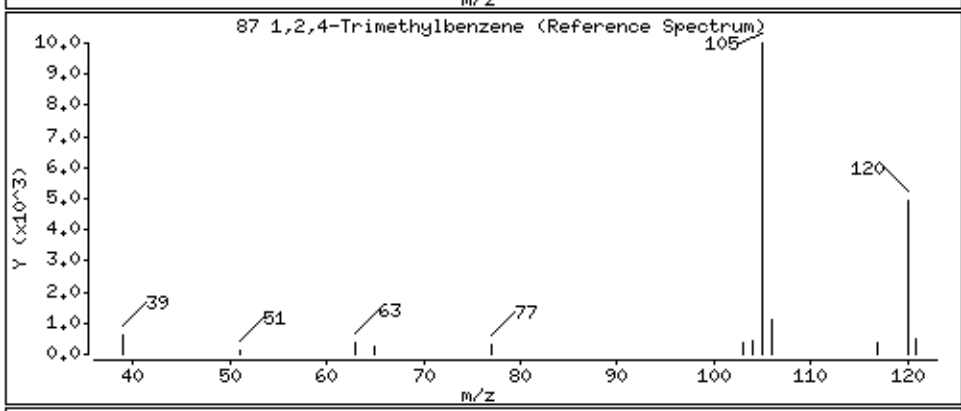
Column diameter: 0.18

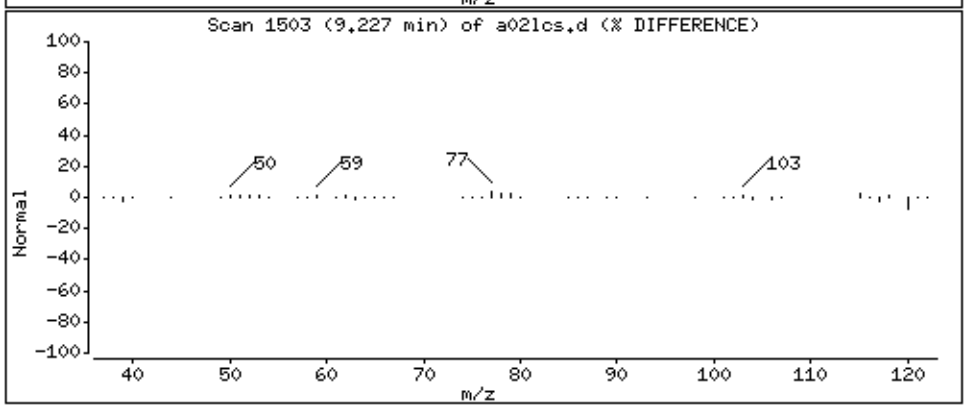
87 1,2,4-Trimethylbenzene

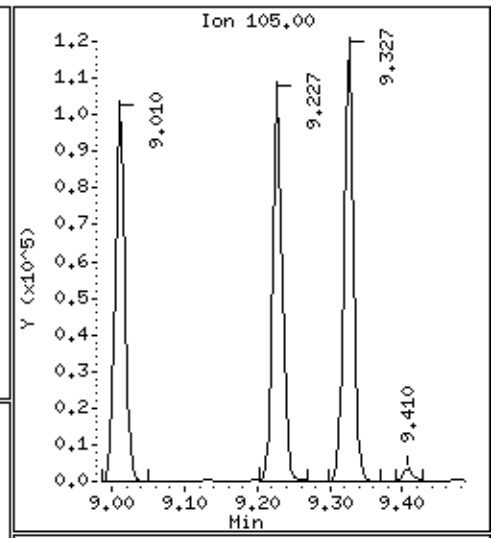
Concentration: 55.4 ppb

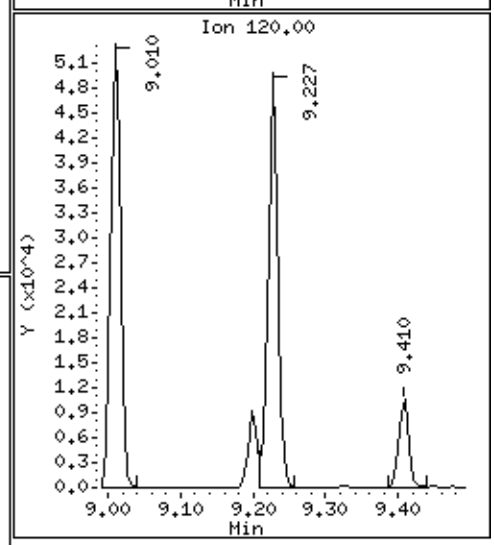












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

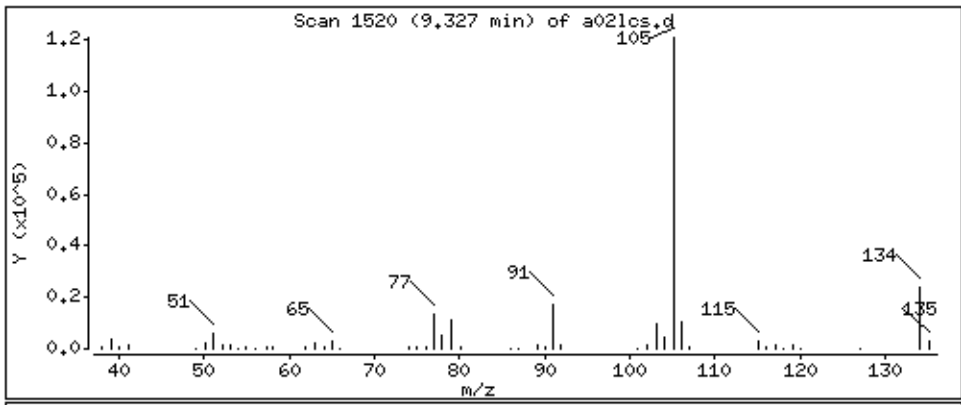
Operator: cap

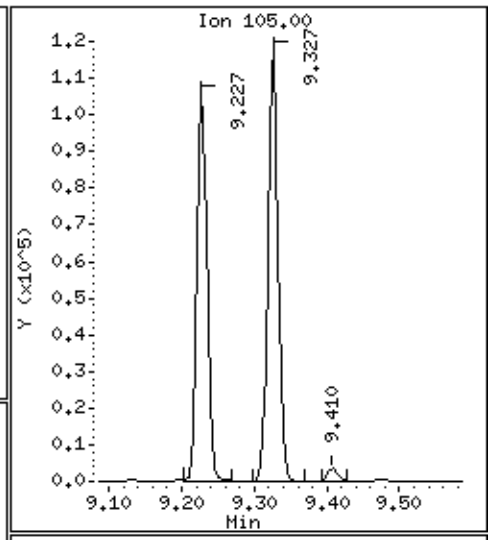
Column phase: DB-624

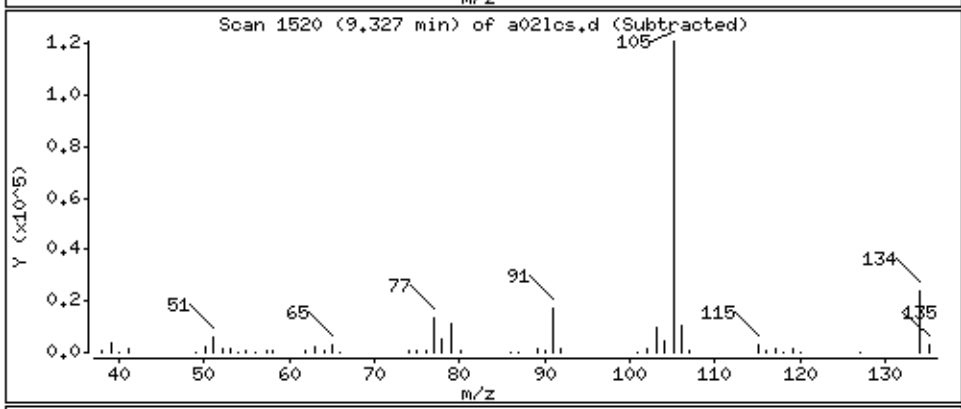
Column diameter: 0.18

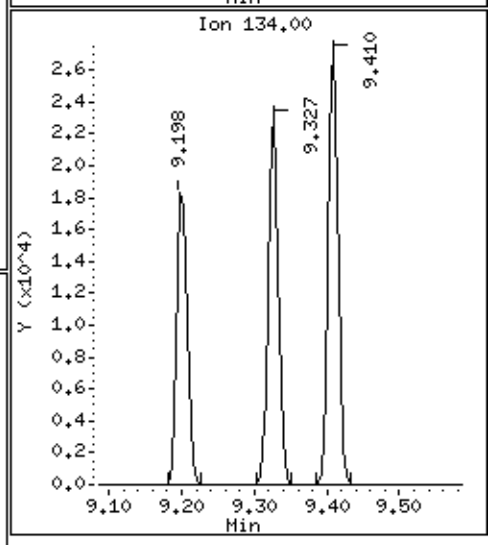
88 sec-Butylbenzene

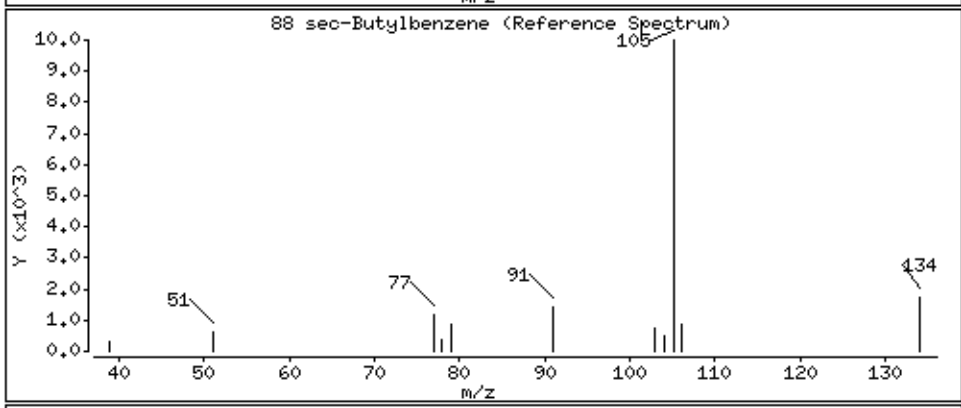
Concentration: 56.5 ppb

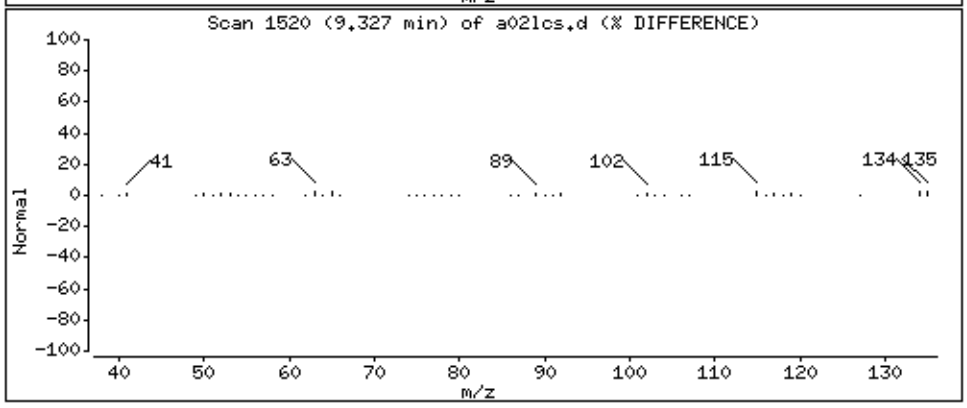












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

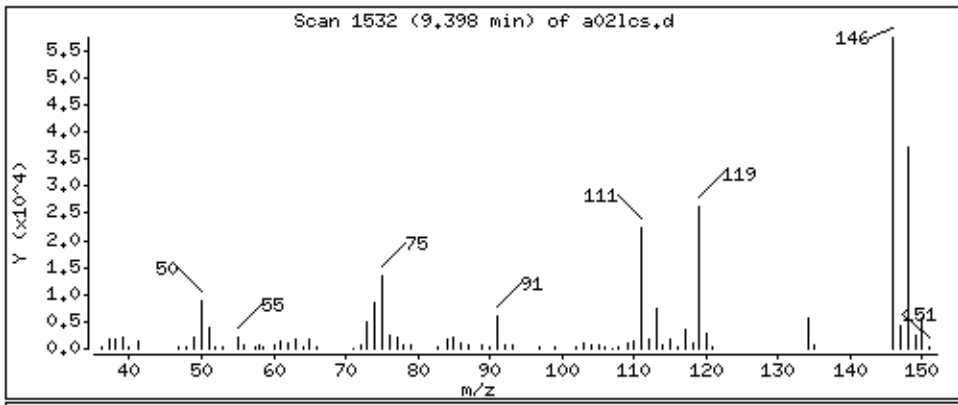
Operator: cap

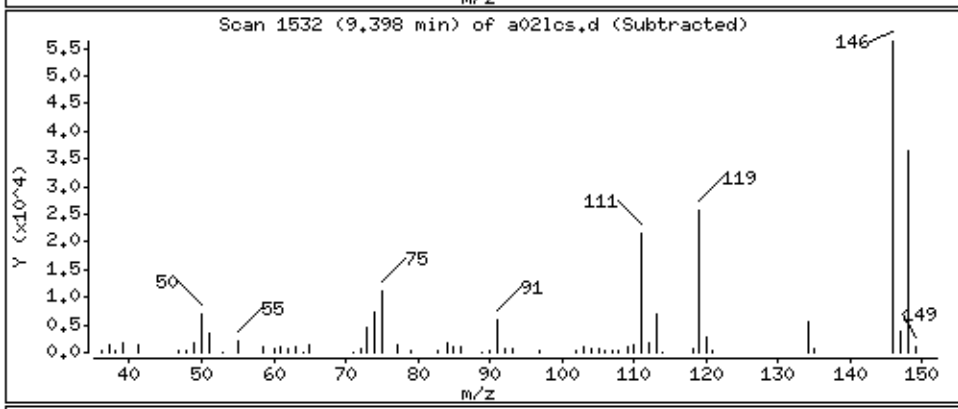
Column phase: DB-624

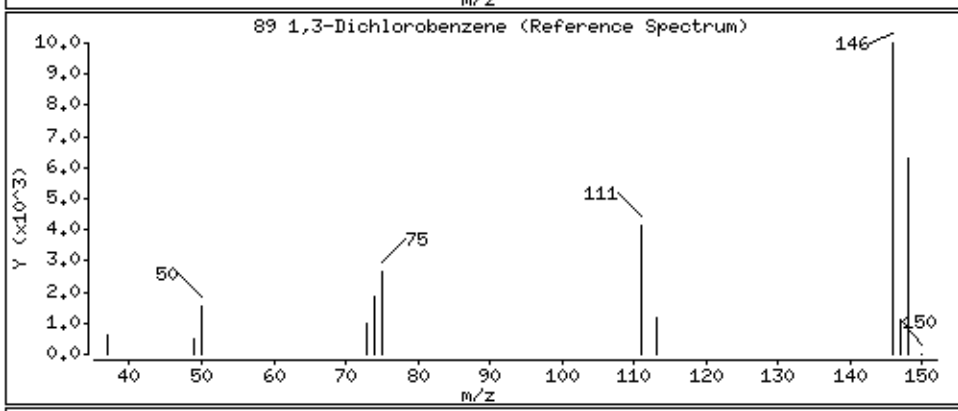
Column diameter: 0.18

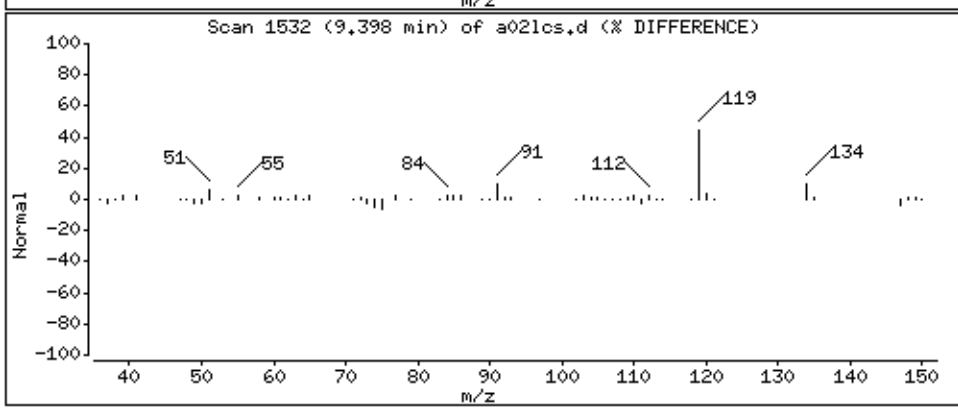
89 1,3-Dichlorobenzene

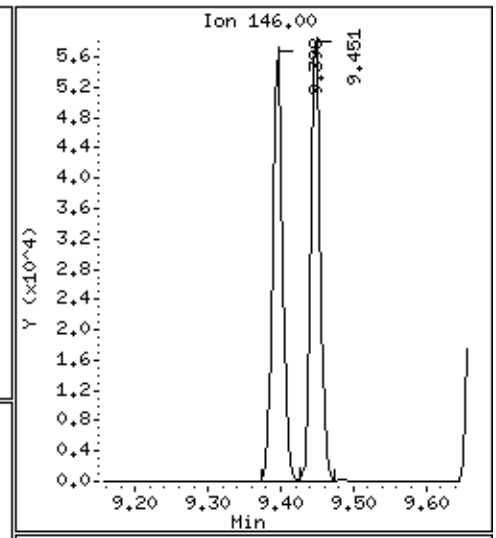
Concentration: 52.6 ppb

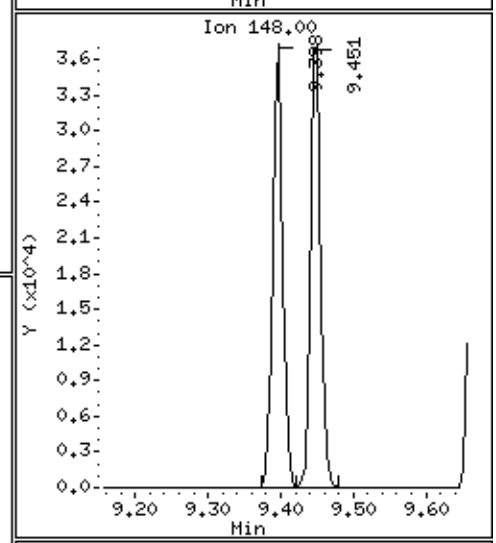


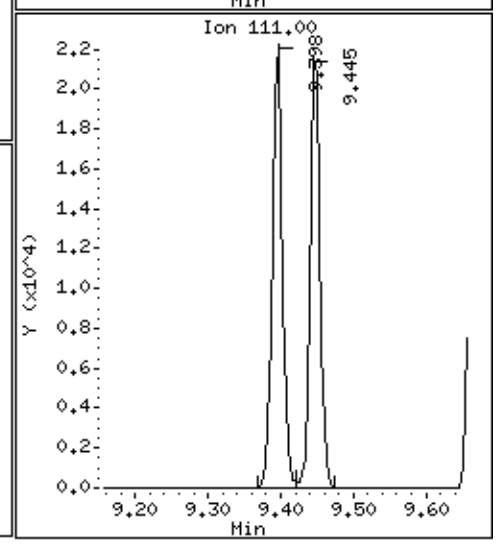












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

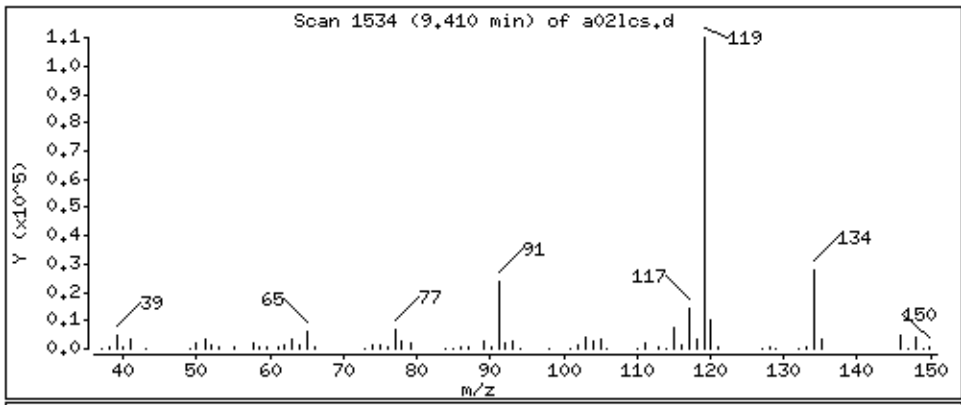
Operator: cap

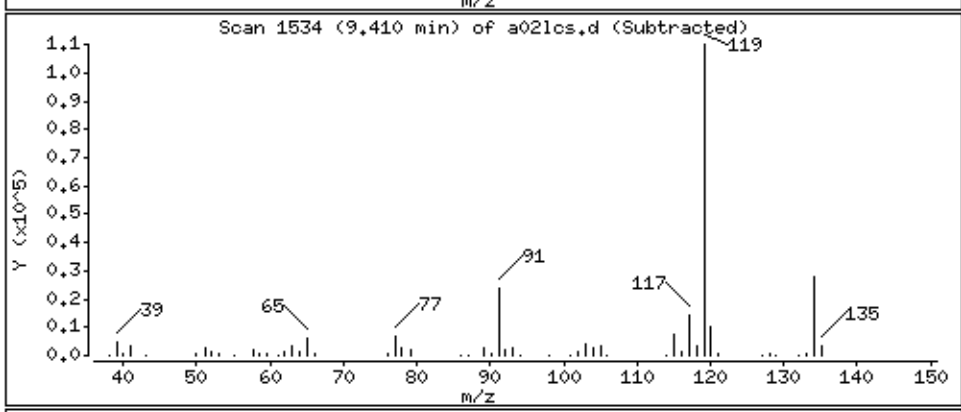
Column phase: DB-624

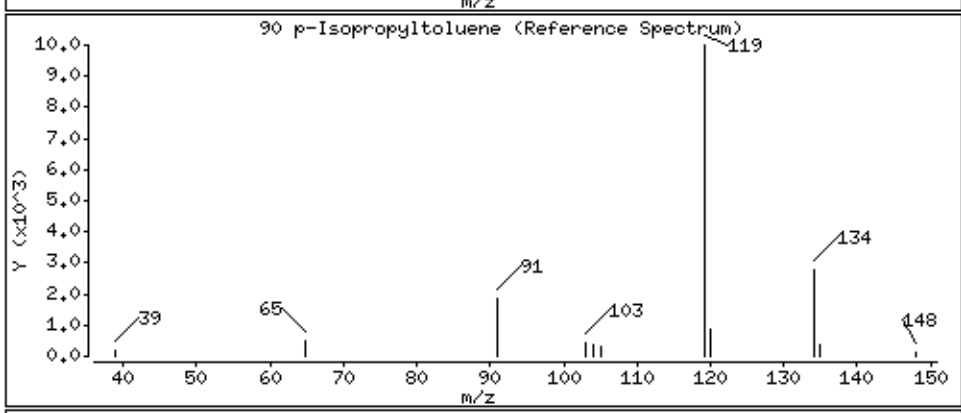
Column diameter: 0.18

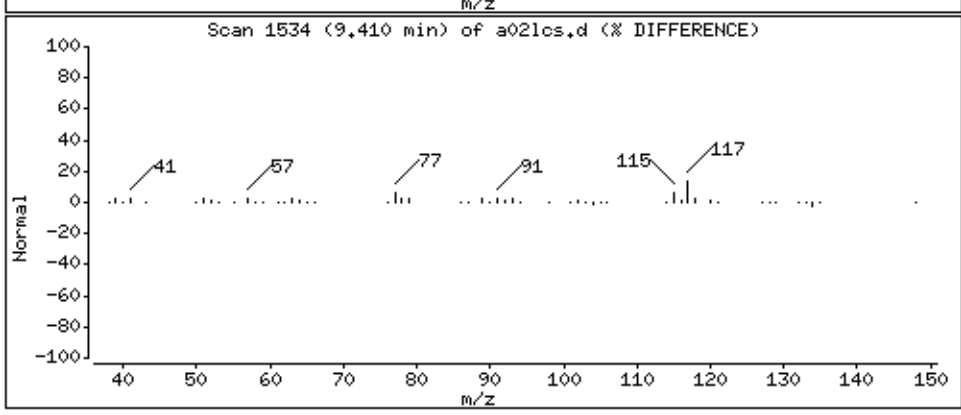
90 p-Isopropyltoluene

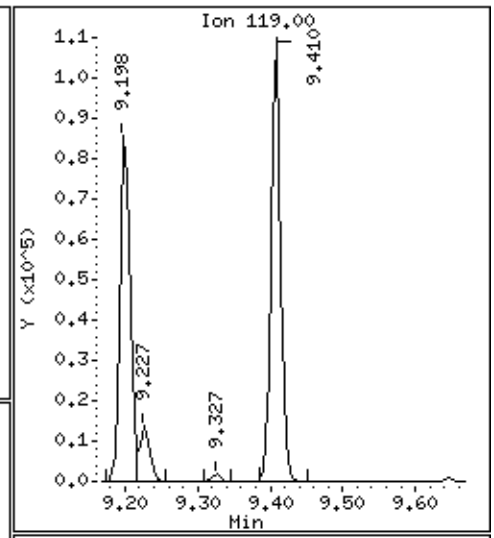
Concentration: 56.1 ppb

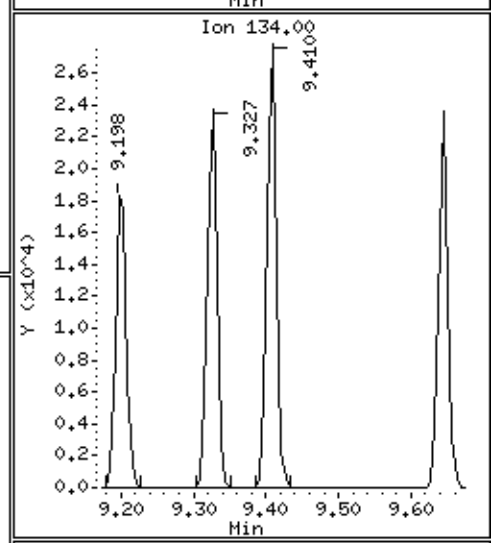


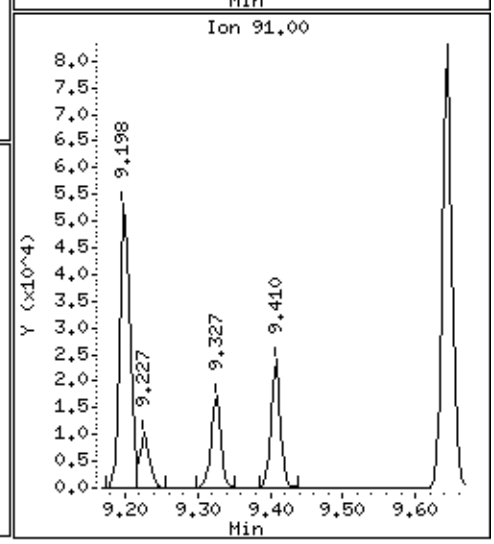












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

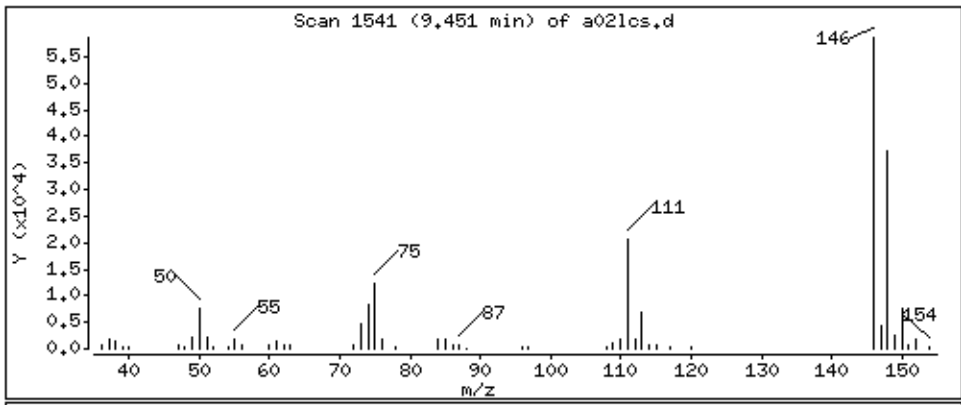
Operator: cap

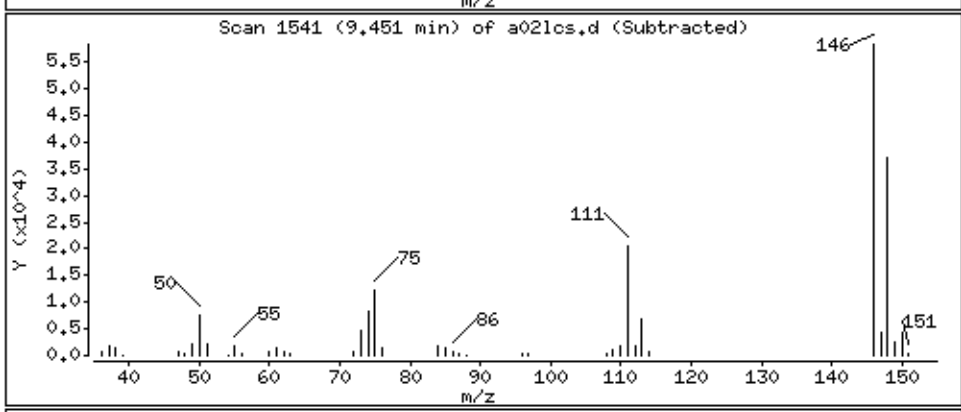
Column phase: DB-624

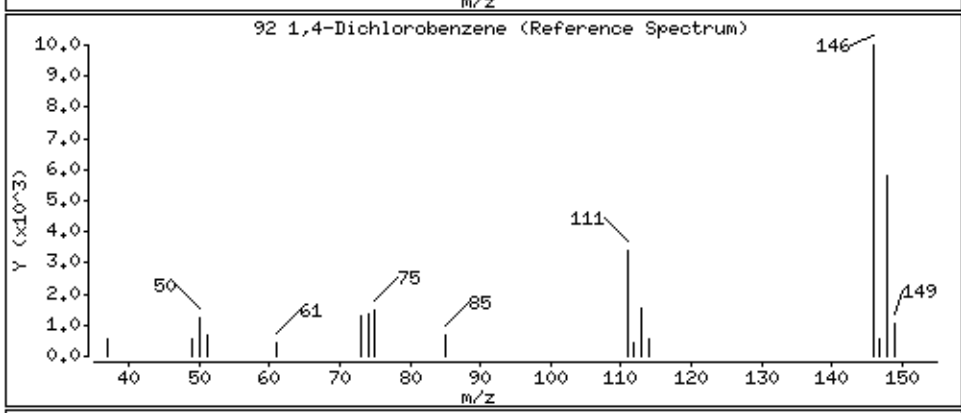
Column diameter: 0.18

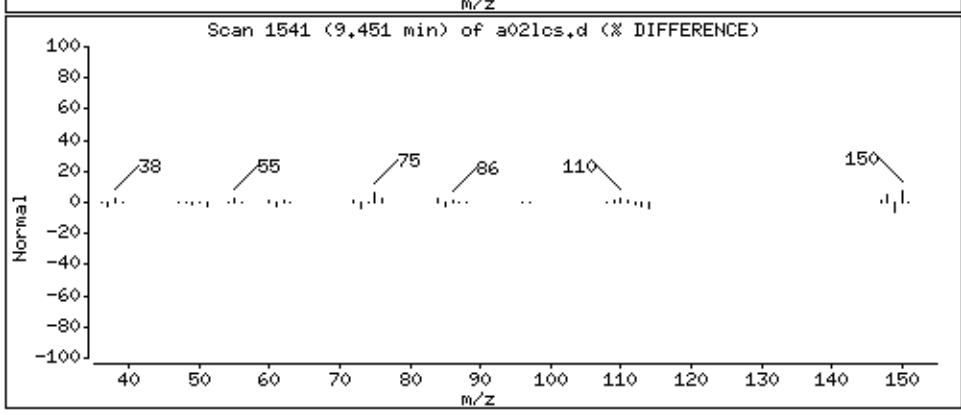
92 1,4-Dichlorobenzene

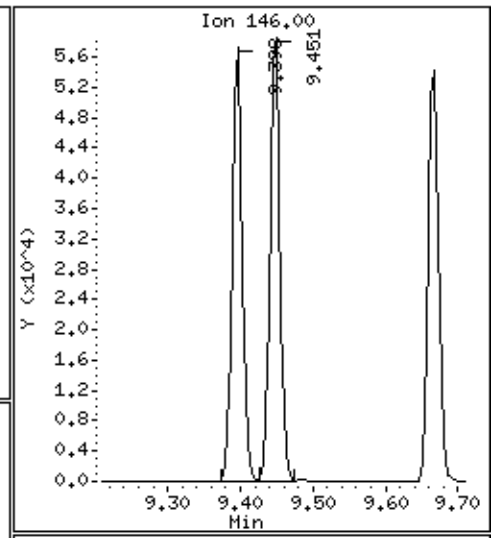
Concentration: 50.9 ppb

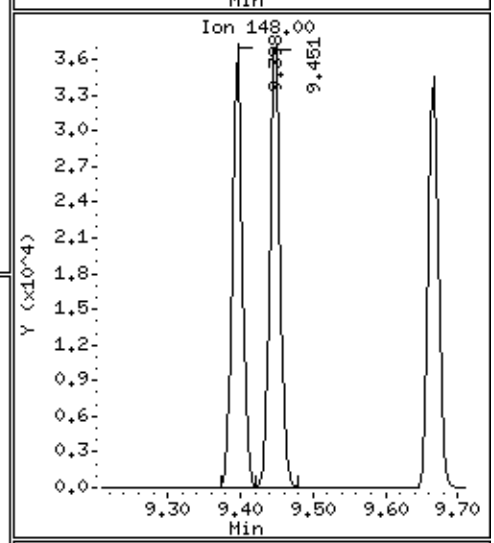


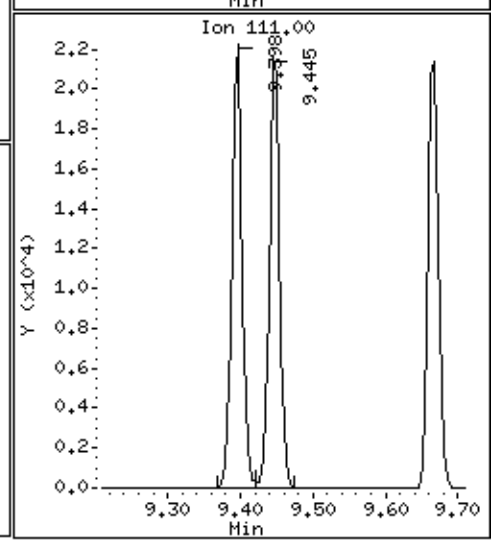












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

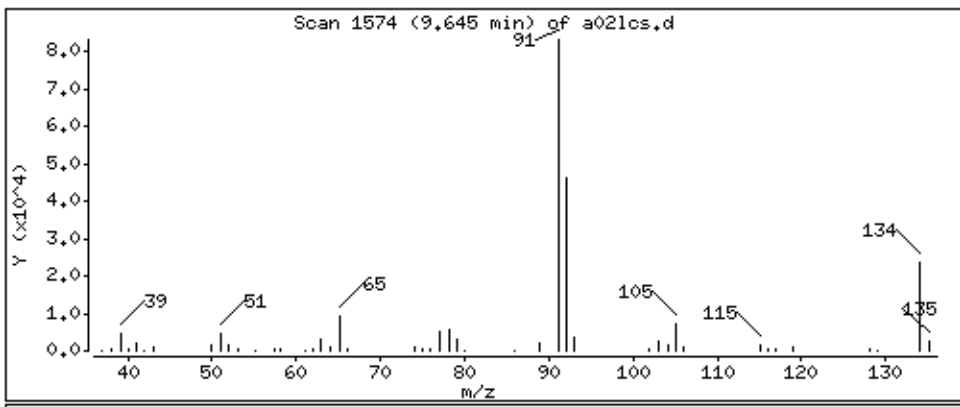
Operator: cap

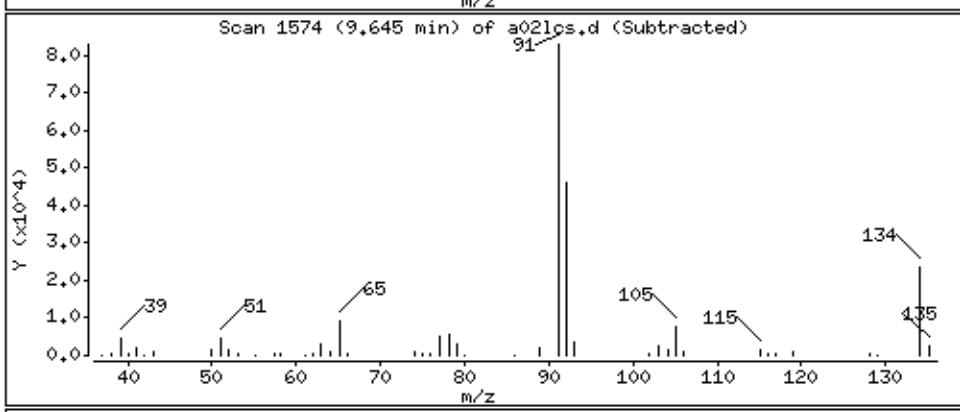
Column phase: DB-624

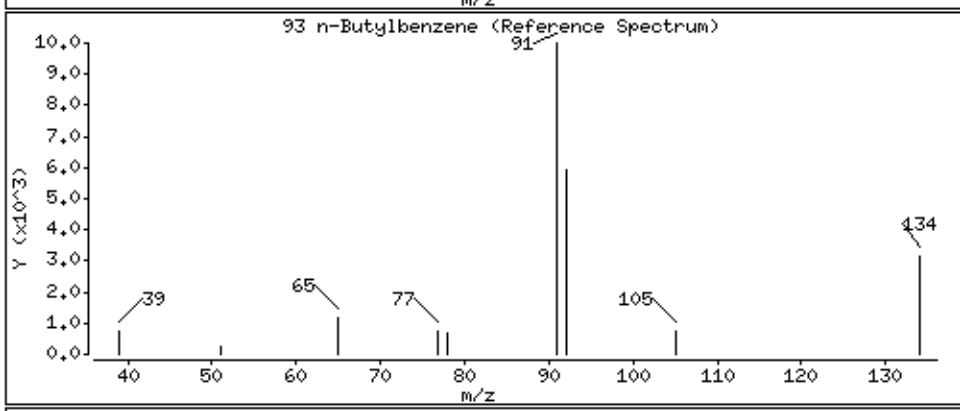
Column diameter: 0.18

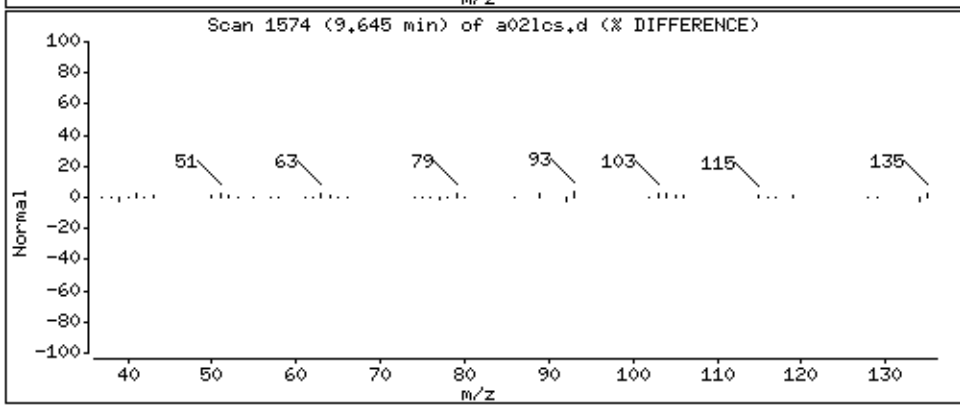
93 n-Butylbenzene

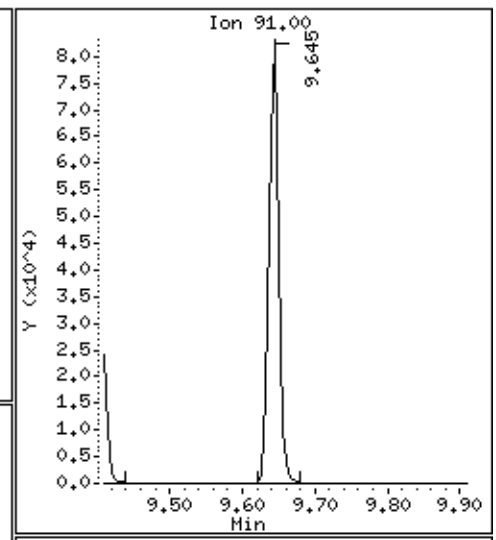
Concentration: 55.3 ppb

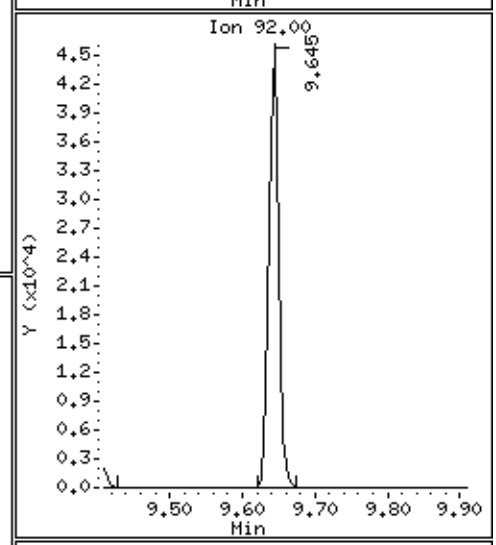


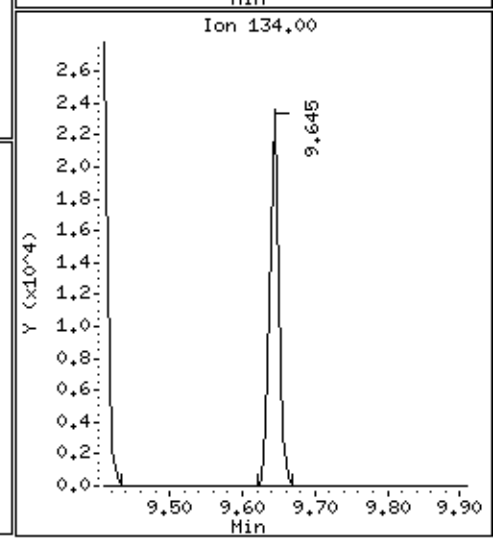












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

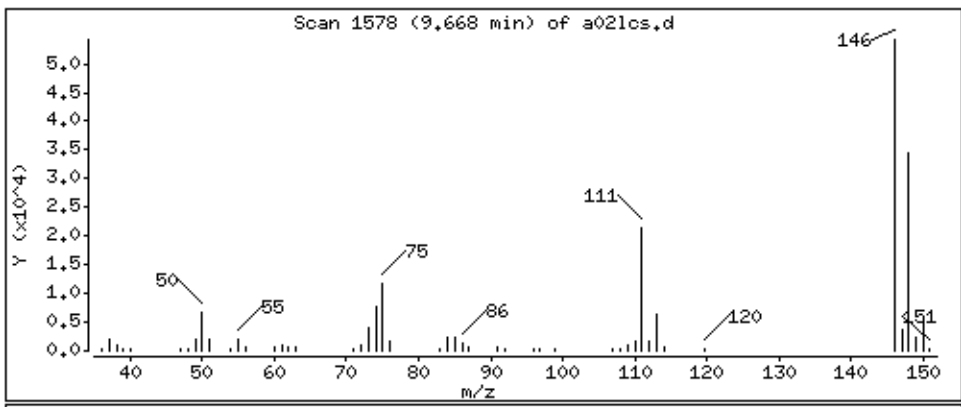
Operator: cap

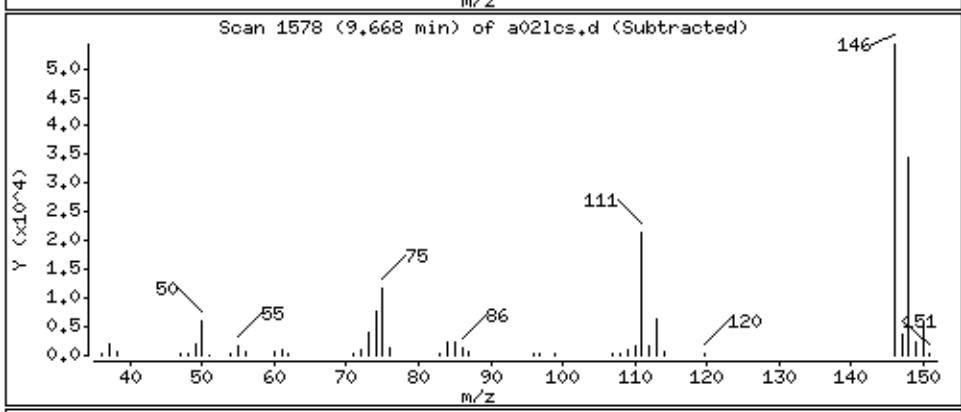
Column phase: DB-624

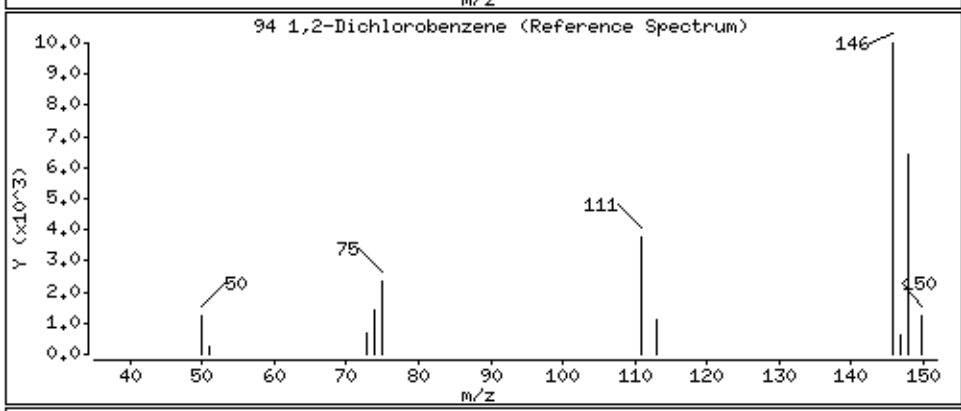
Column diameter: 0.18

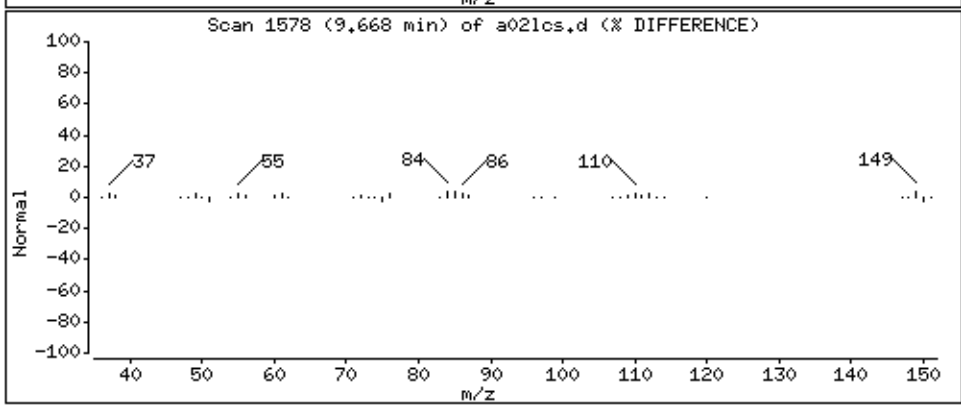
94 1,2-Dichlorobenzene

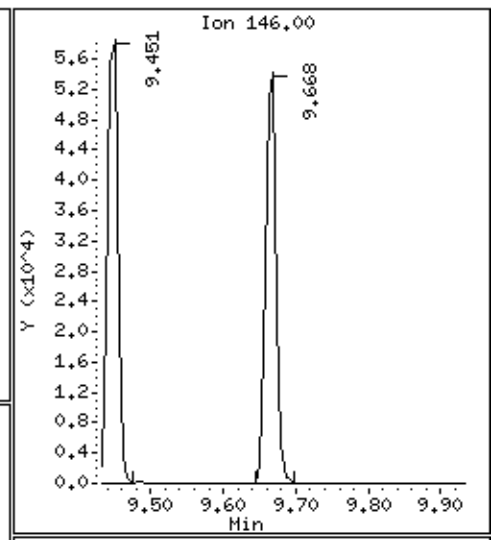
Concentration: 50.8 ppb

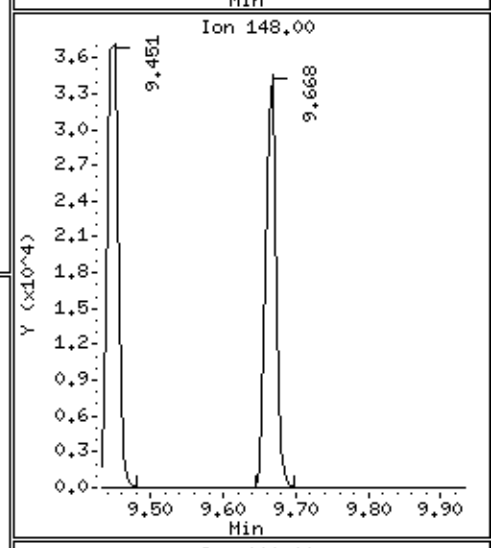


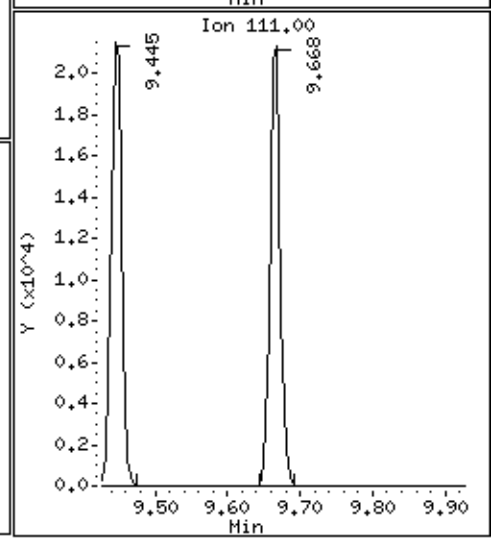












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

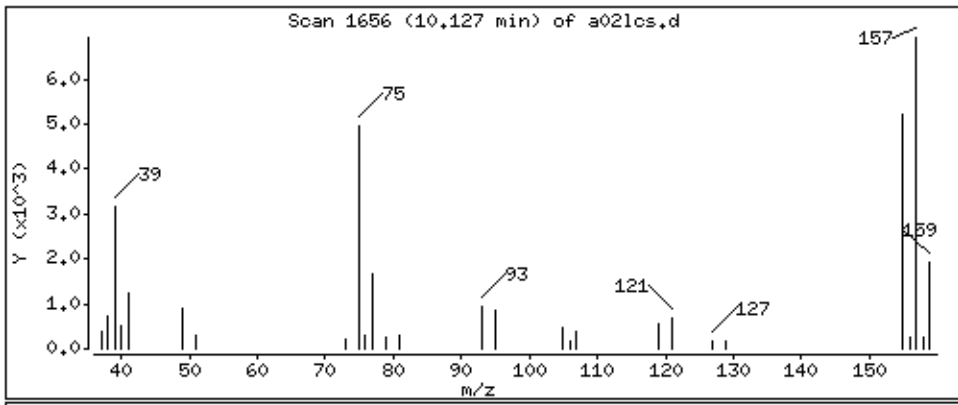
Operator: cap

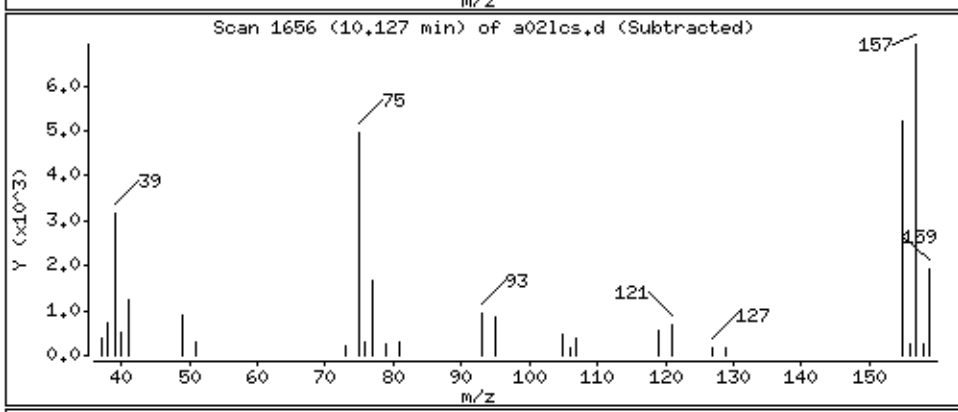
Column phase: DB-624

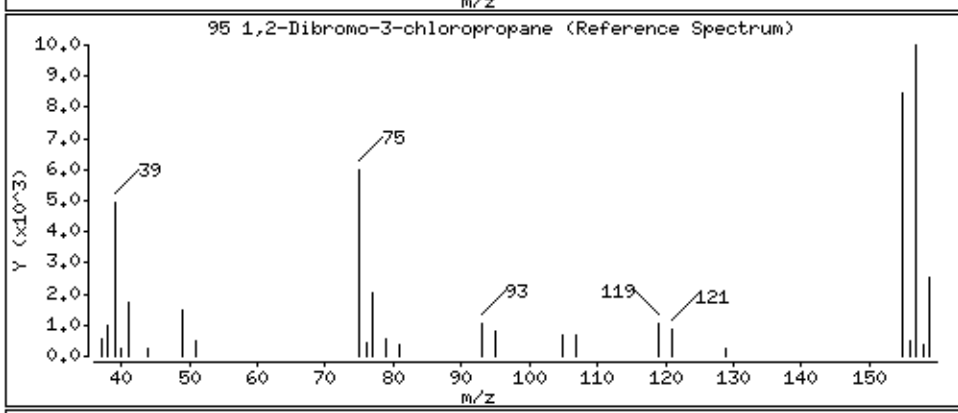
Column diameter: 0.18

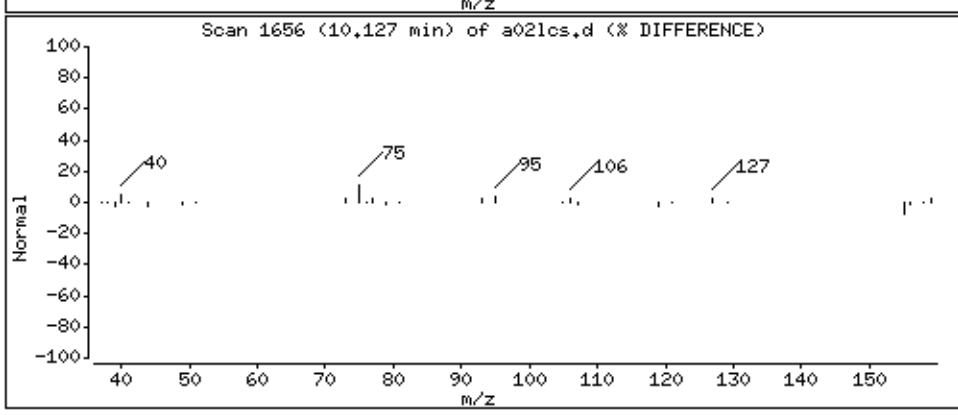
95 1,2-Dibromo-3-chloropropane

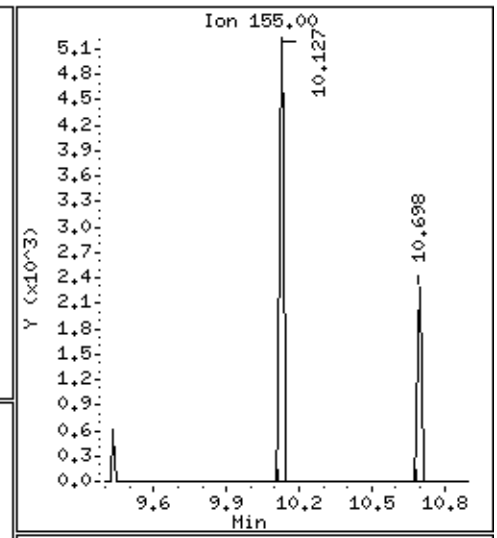
Concentration: 42.1 ppb

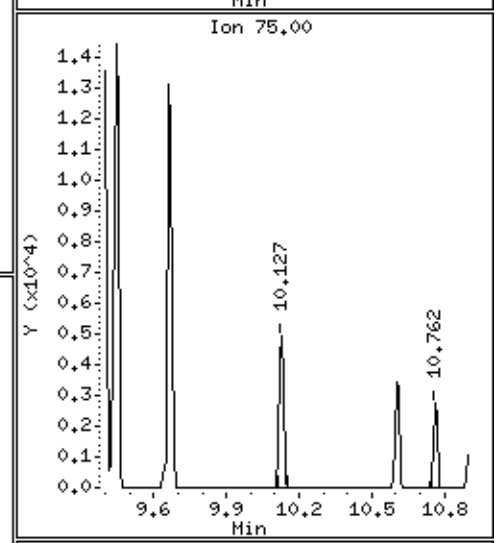


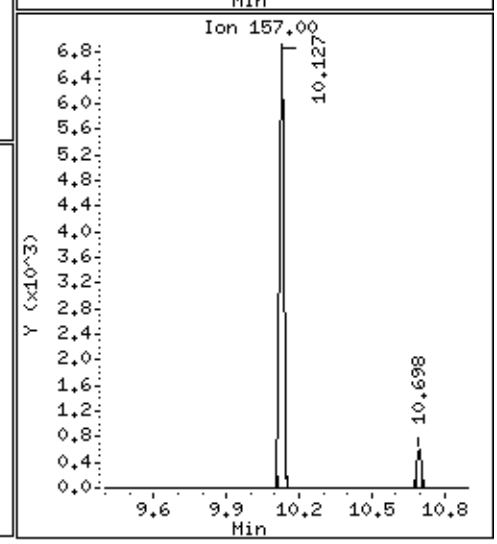












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

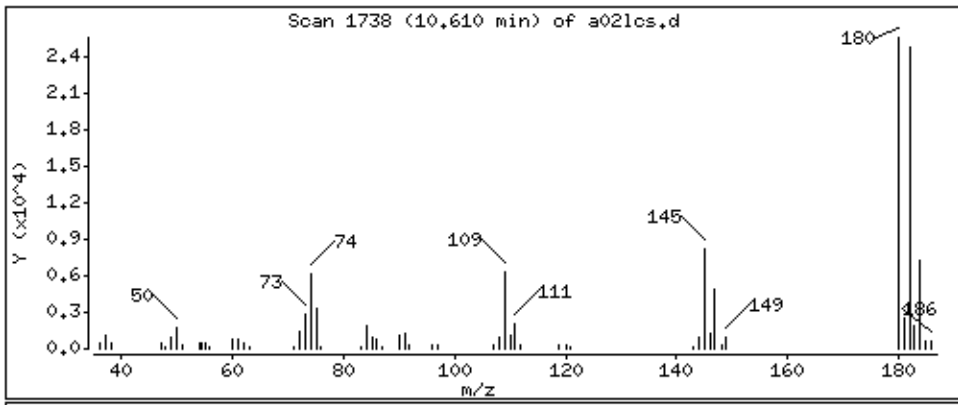
Operator: cap

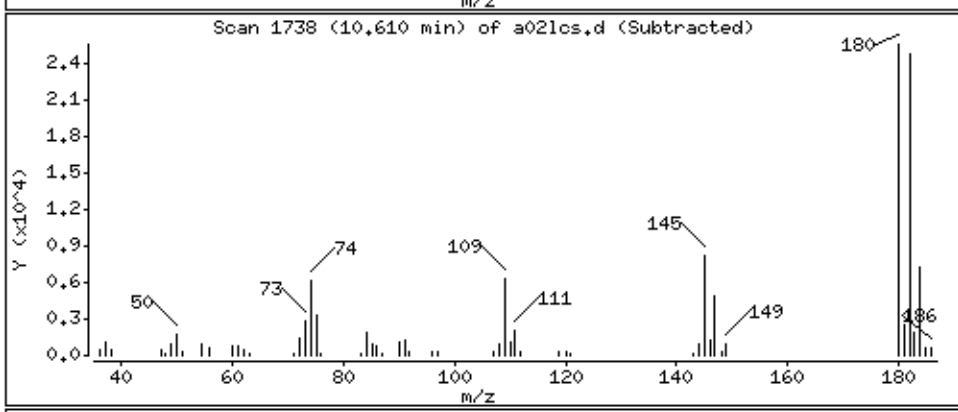
Column phase: DB-624

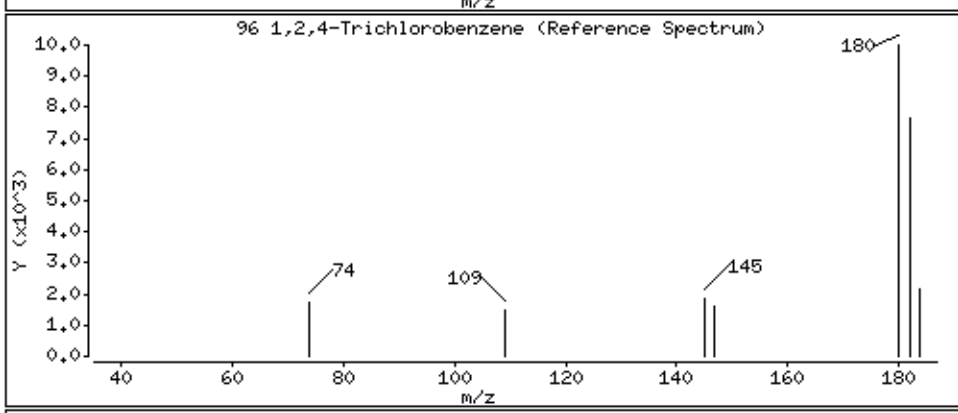
Column diameter: 0.18

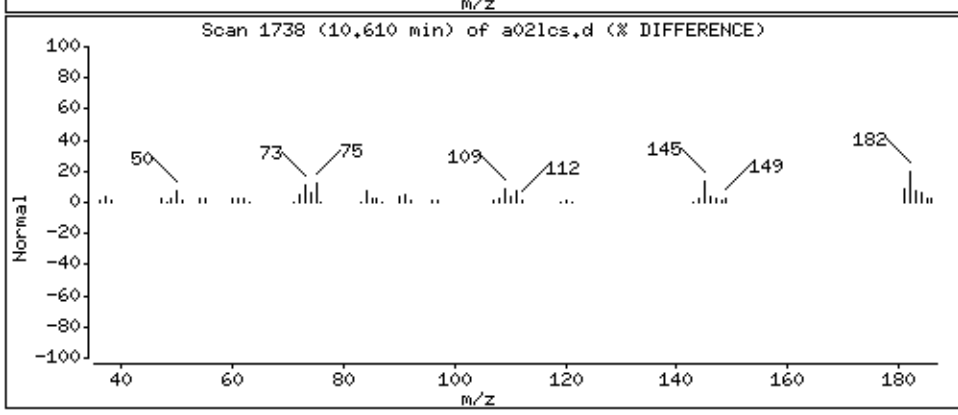
96 1,2,4-Trichlorobenzene

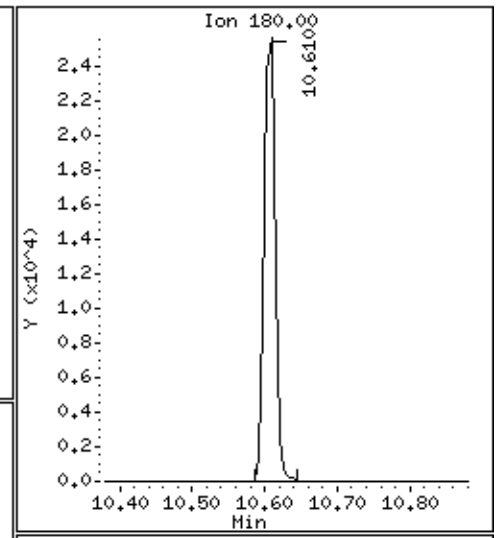
Concentration: 45.0 ppb

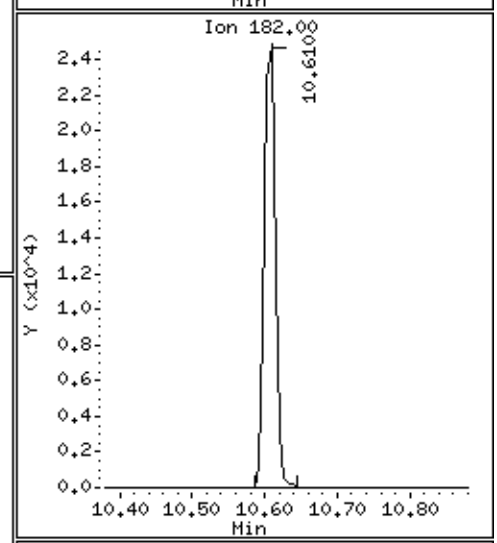


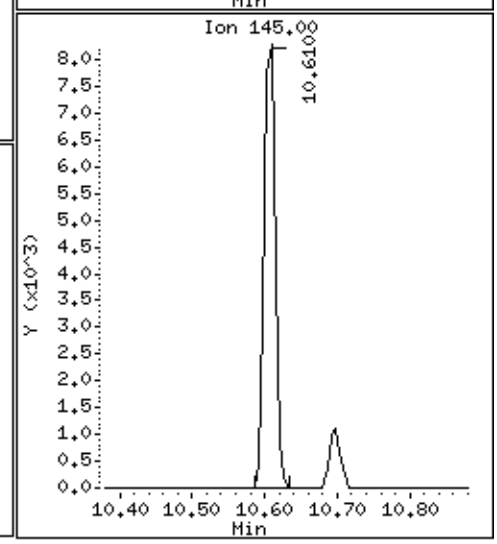












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

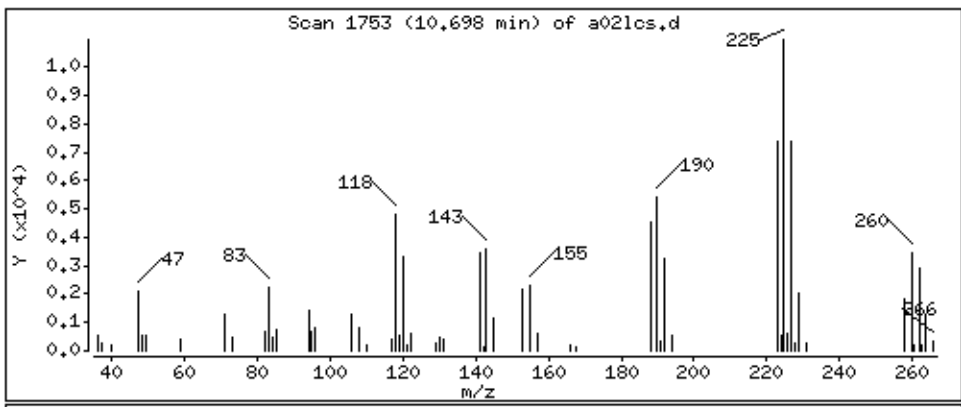
Operator: cap

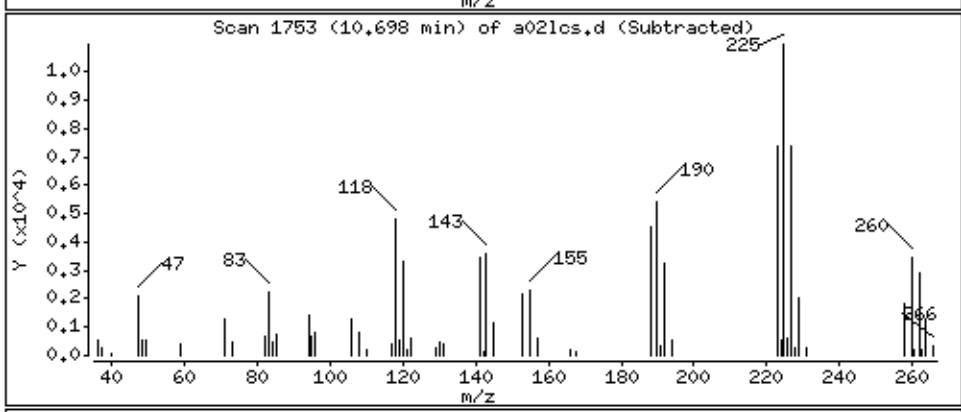
Column phase: DB-624

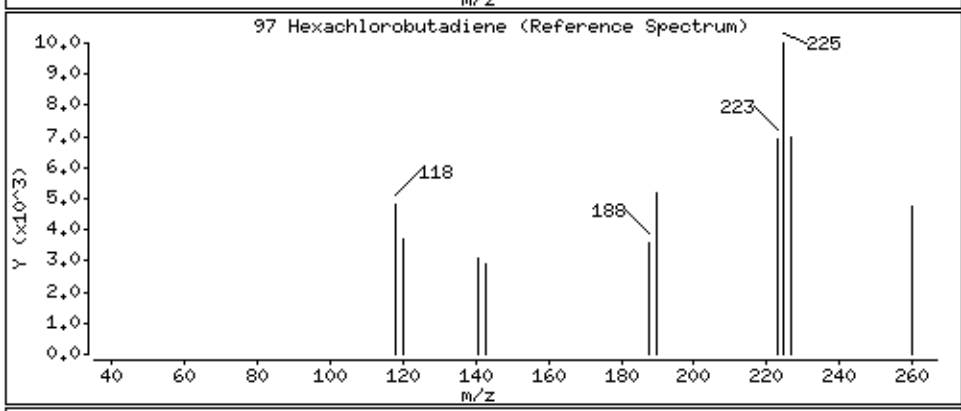
Column diameter: 0.18

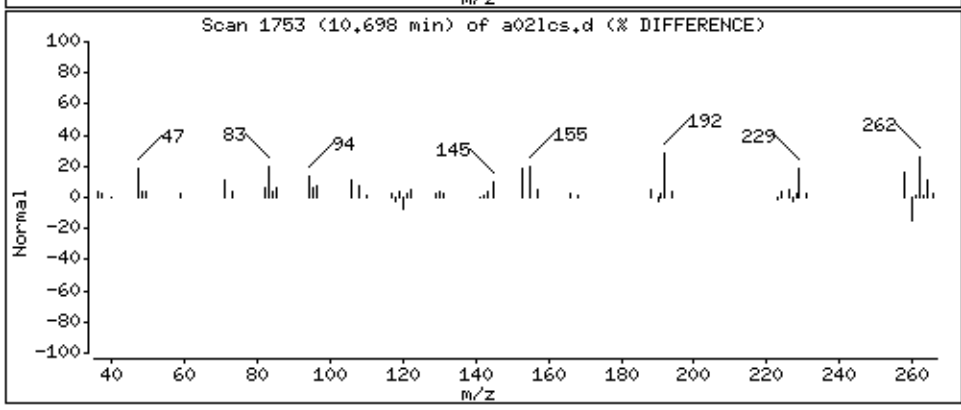
97 Hexachlorobutadiene

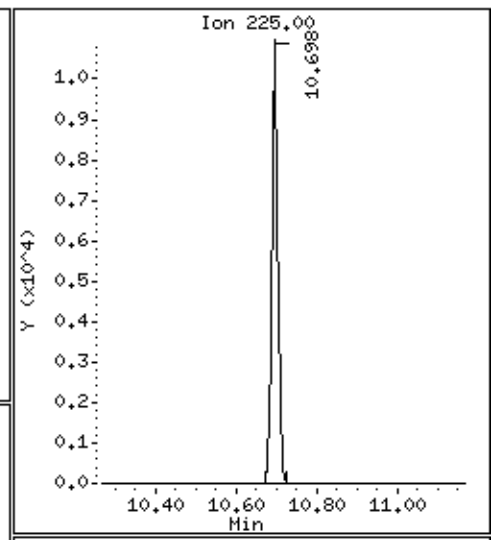
Concentration: 49.0 ppb

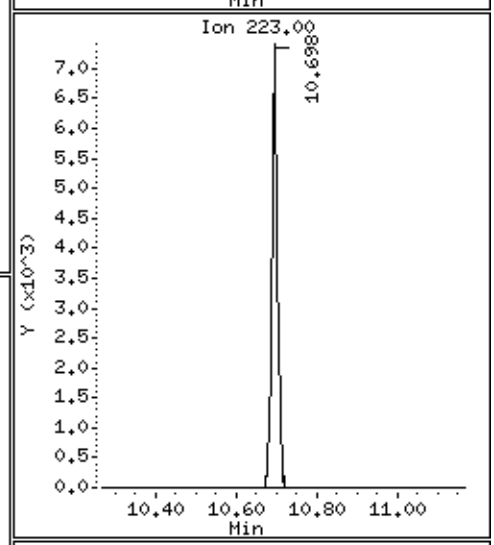


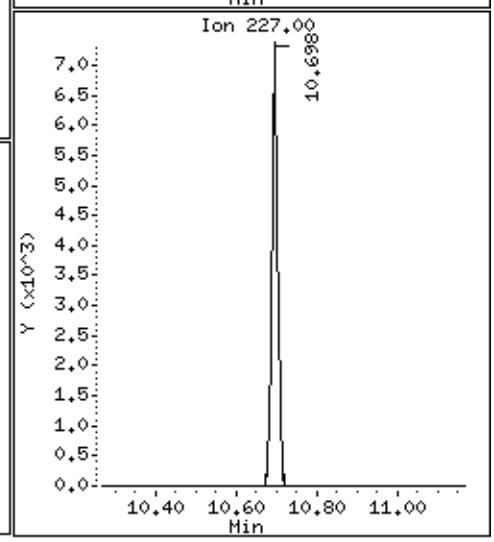












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

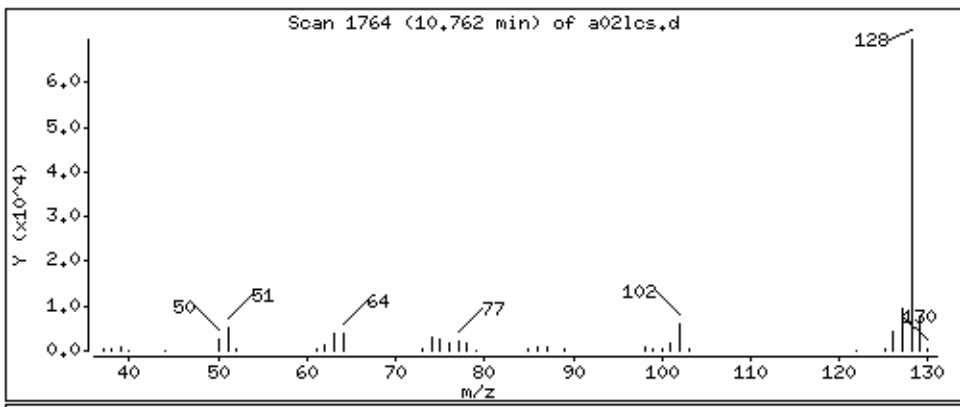
Operator: cap

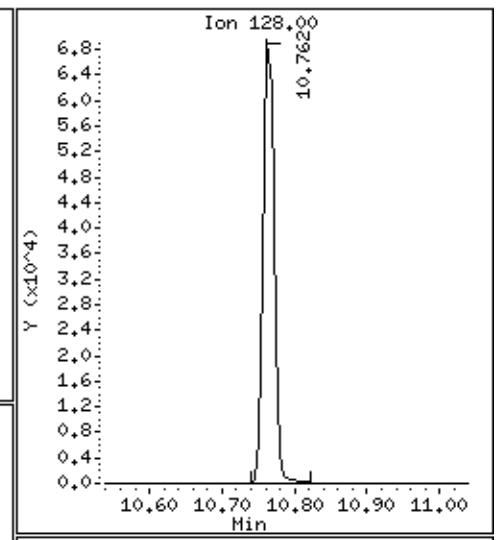
Column phase: DB-624

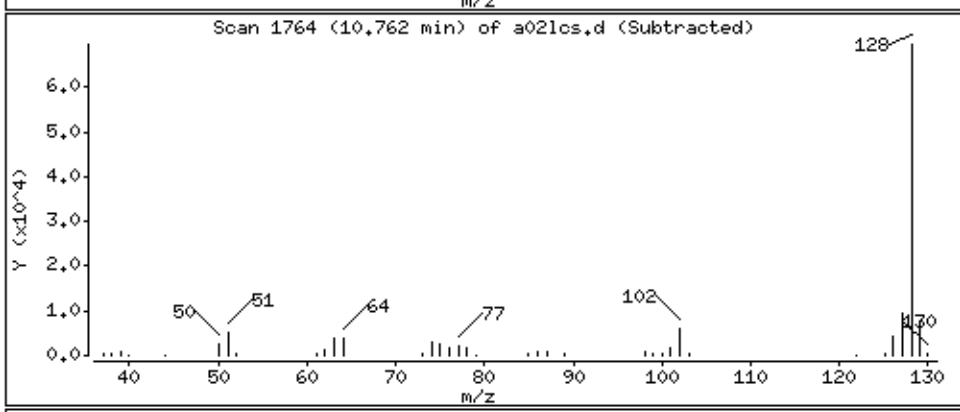
Column diameter: 0.18

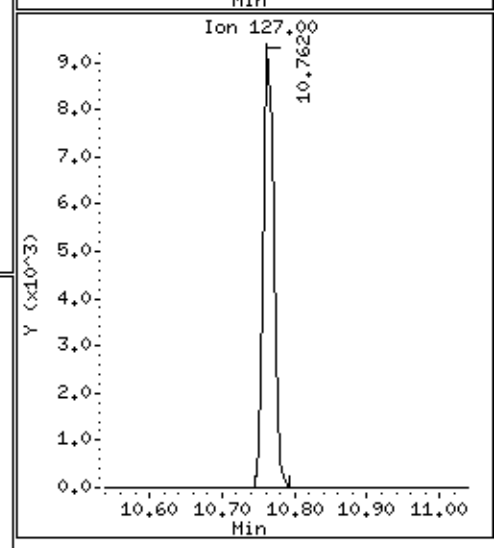
98 Naphthalene

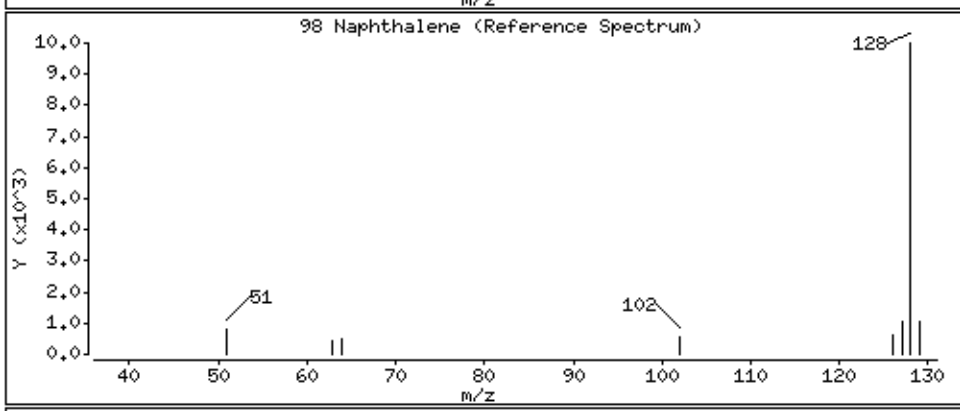
Concentration: 39.5 ppb

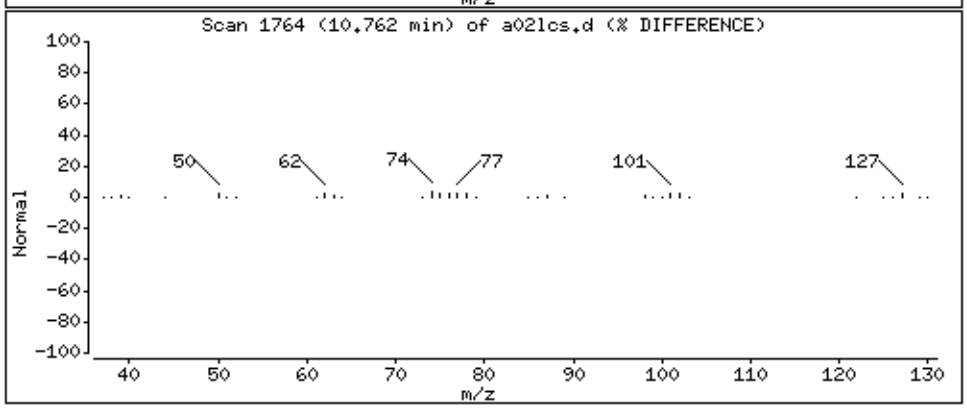












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

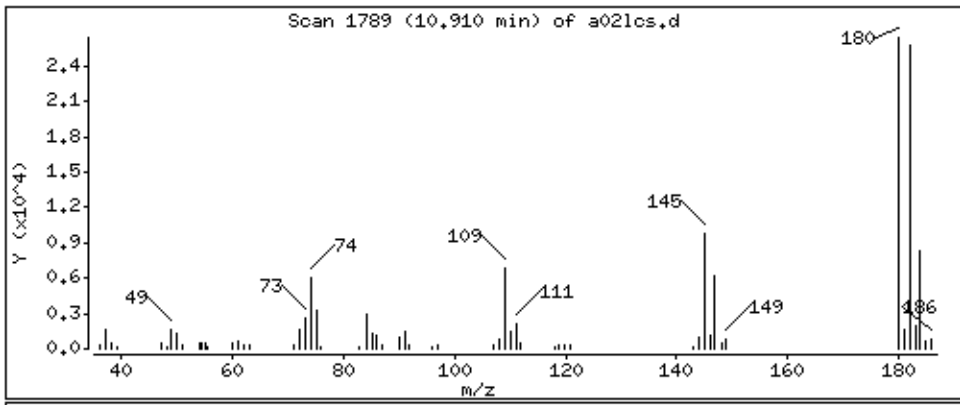
Operator: cap

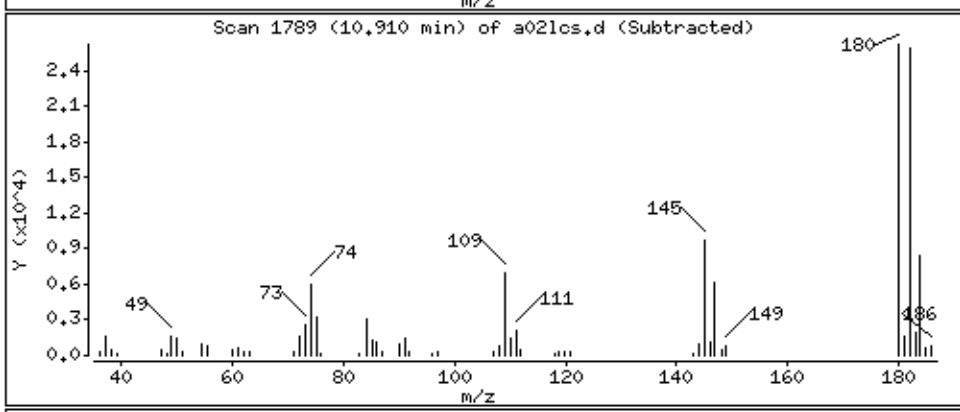
Column phase: DB-624

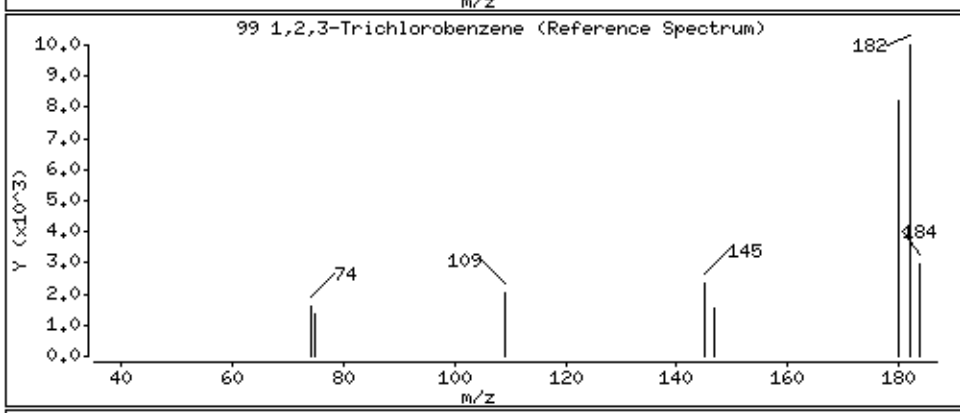
Column diameter: 0.18

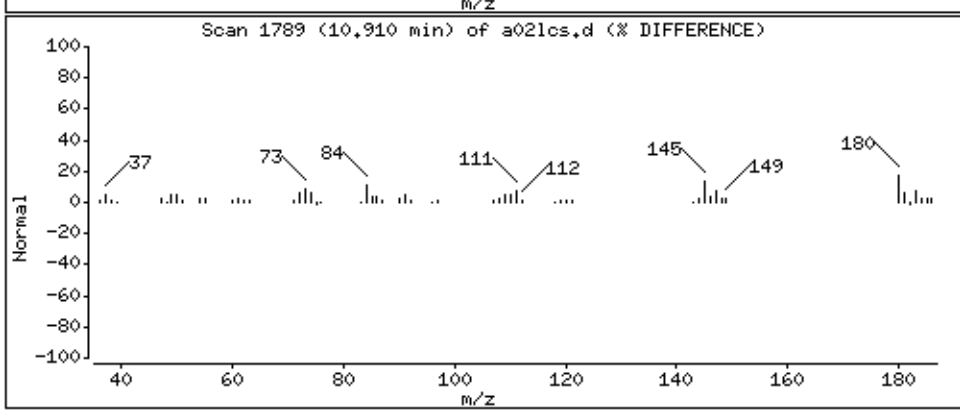
99 1,2,3-Trichlorobenzene

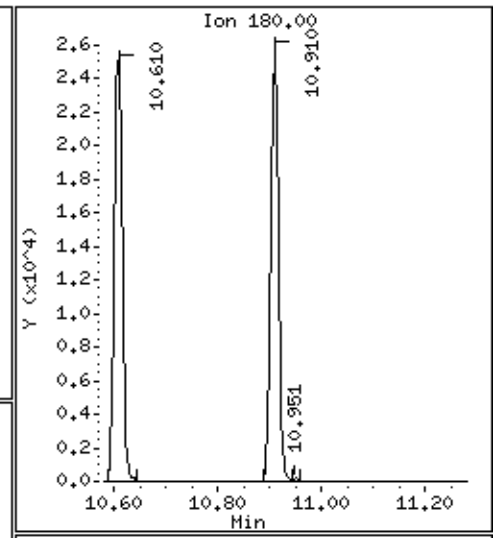
Concentration: 53.6 ppb

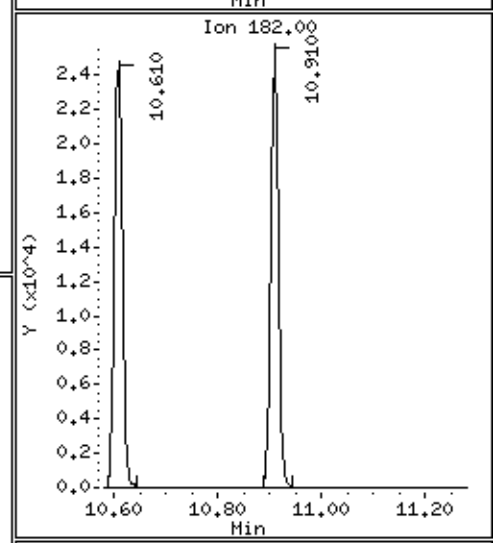


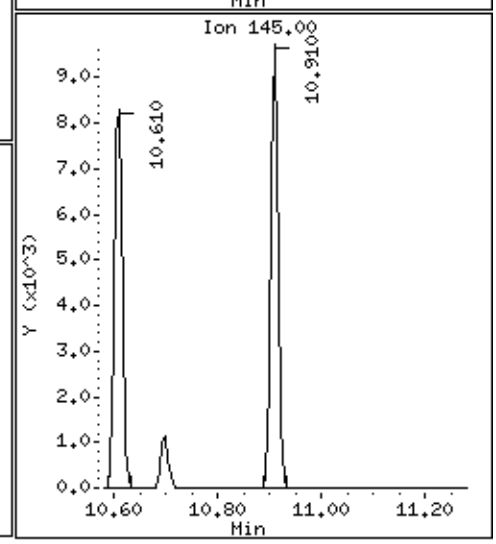












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

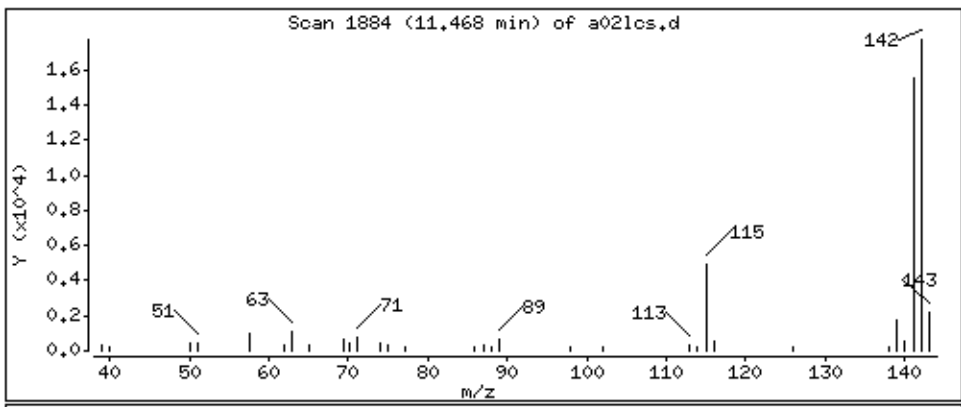
Operator: cap

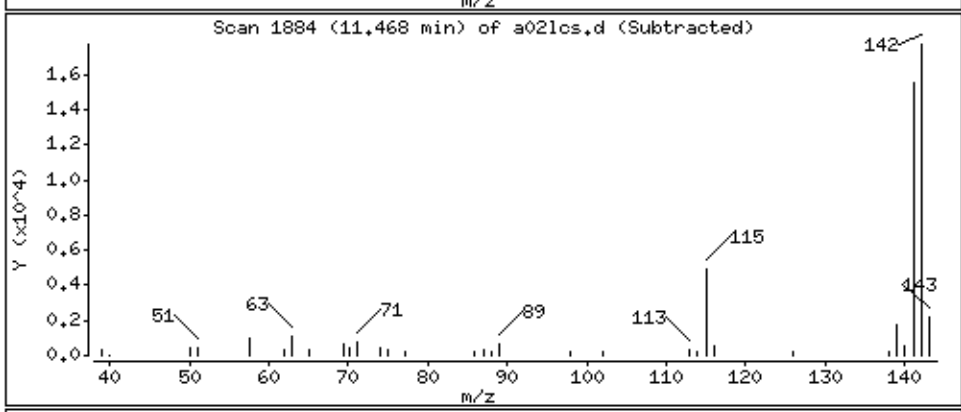
Column phase: DB-624

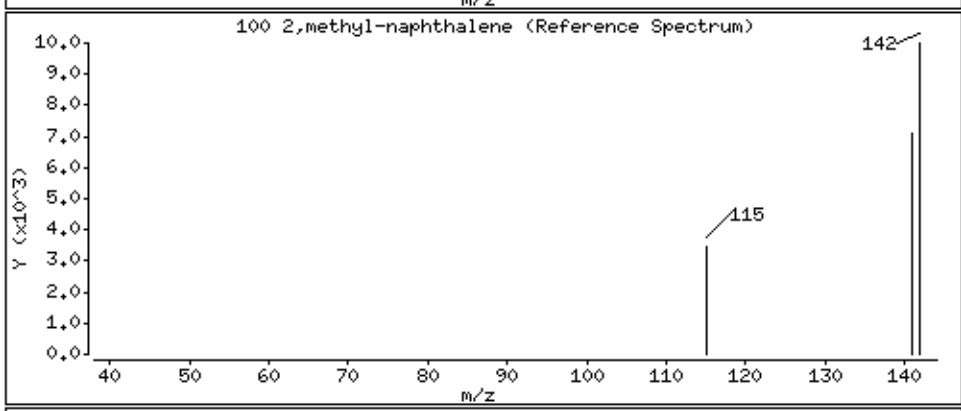
Column diameter: 0.18

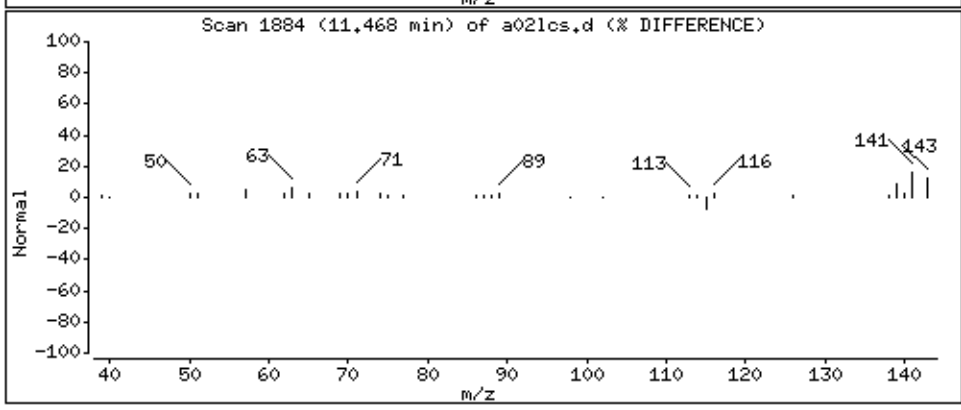
100 2,methyl-naphthalene

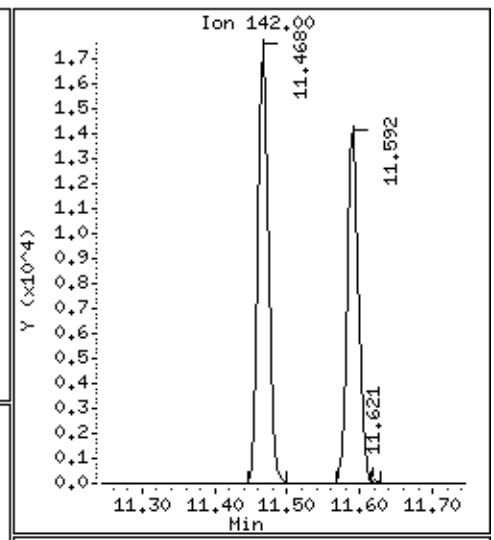
Concentration: 37.0 ppb

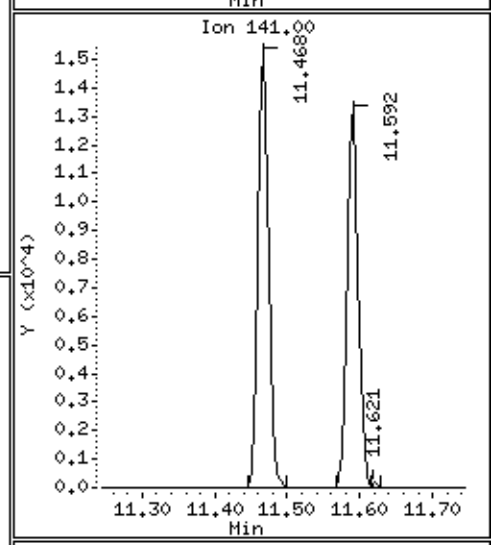


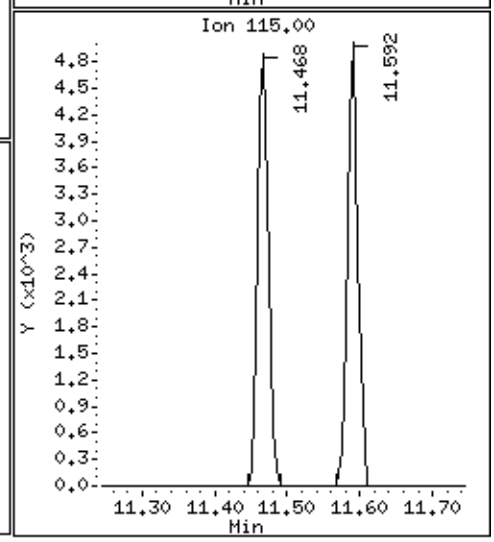












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b\a02lcs.d

Date : 18-OCT-2017 12:26

Client ID: 1889978,160252:5

Instrument: 50mv4a.i

Sample Info: 1889978,160252:5

Purge Volume: 5.0

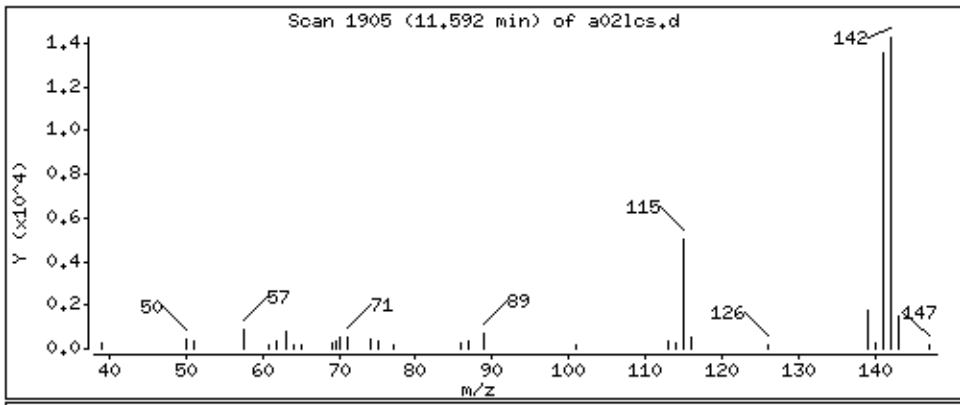
Operator: cap

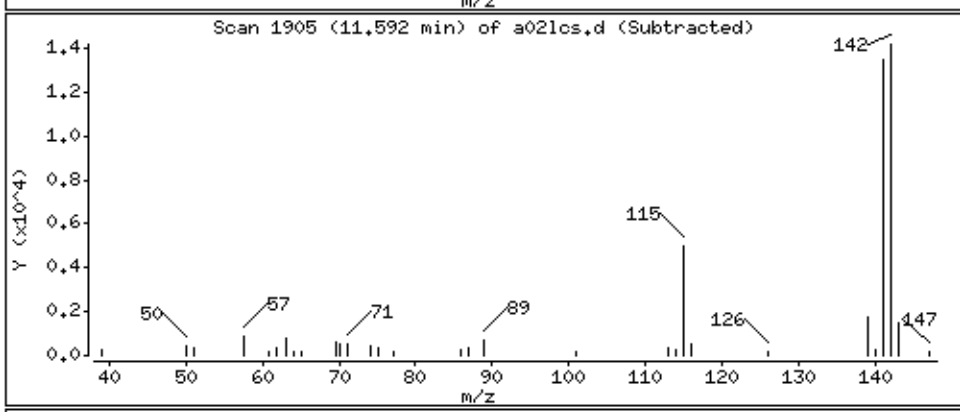
Column phase: DB-624

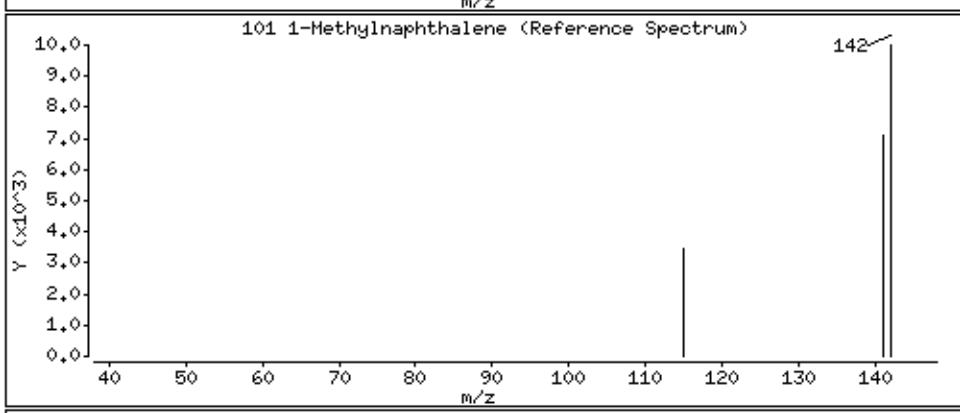
Column diameter: 0.18

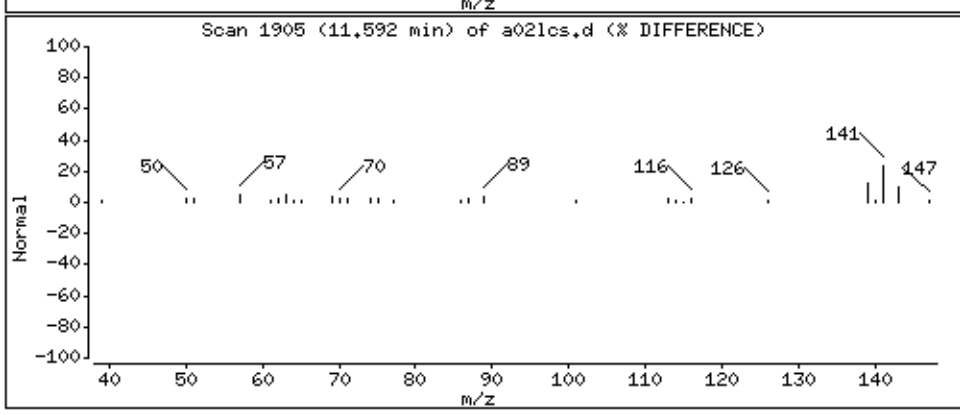
101 1-Methylnaphthalene

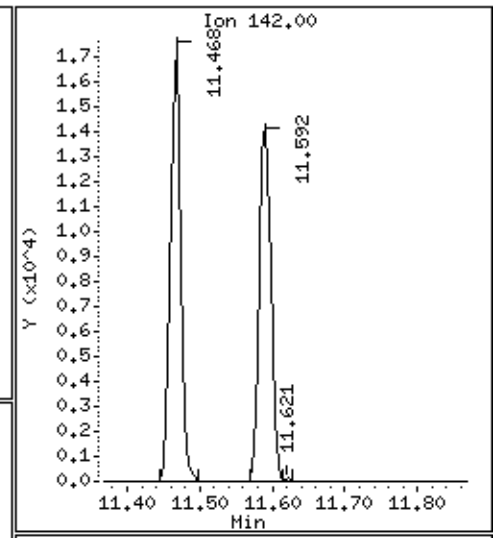
Concentration: 33.7 ppb

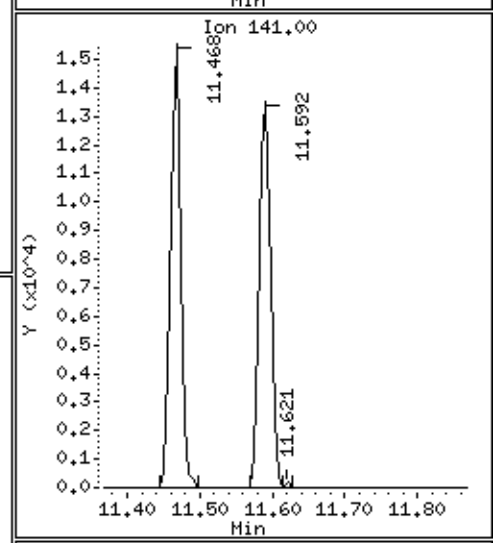


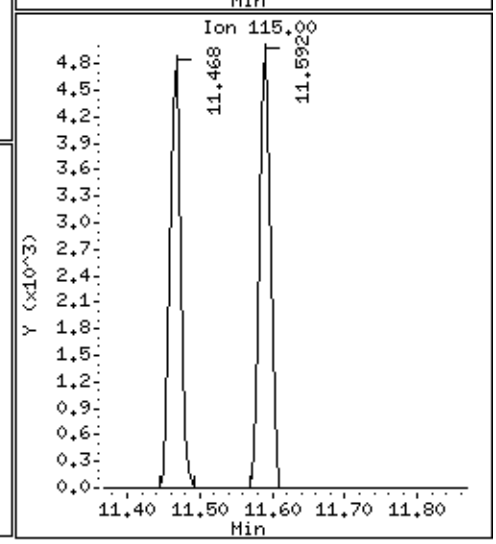












Data File: \\192.168.50.6\chem\50mv4a.i\a101817.b/a02lcs.d
Injection Date: 18-OCT-2017 12:26
Instrument: 50mv4a.i
Lab Sample ID: 1889978,160252:5
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv4a.i
Column DB-624 20m X 0.18mm Helium
Misc. Prep Info [L]:
ISTD lot:
Lot:
Tune std: _____

Method:
Surr. lot: 158533:5
Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/a00bfb.d	8260-TUNE,158548	L/107512	BFB	1	7	-bfb/all	10/11/17	17:26	rsw	
1/a01.d	8260-CAL1,160360	L/107512	CALIB_1	1	<2	-a8260_a_c/all	10/11/17	18:00	rsw	
1/a02.d	8260-CAL2,160361	L/107512	CALIB_2	1	<2	-a8260_a_c/all	10/11/17	18:35	rsw	
1/a02mqc.d	8260-CAL2,160361	L/107512	mqc	1	<2	-a8260_a_c/all	10/11/17	18:35	rsw	
1/a03.d	8260-CAL3,160362	L/107512	CALIB_3	1	<2	-a8260_a_c/all	10/11/17	19:10	rsw	
1/a04.d	8260-CAL4,160363	L/107512	CALIB_4	1	<2	-a8260_a_c/all	10/11/17	19:44	rsw	
1/a04mqc.d	8260-CAL4,160363	L/107512	mqc	1	<2	-a8260_a_c/all	10/11/17	19:44	rsw	
1/a05.d	8260-CAL5,160364	L/107512	CALIB_5	1	<2	-a8260_a_c/all	10/11/17	20:19	rsw	
1/a06.d	8260-CAL6,160365	L/107512	CALIB_6	1	<2	-a8260_a_c/all	10/11/17	20:54	rsw	
1/a07.d	8260-CAL7,160366	L/107512	CALIB_7	1	<2	-a8260_a_c/all	10/11/17	21:29	rsw	
1/a08.d	8260-CAL8,160367	L/107512	CALIB_8	1	<2	-a8260_a_c/all	10/11/17	22:04	rsw	
1/a09.d	rinse	L/	SAMPLE	1	<2	-a8260_a_c/all	10/11/17	22:38	rsw	
1/a10icv.d	8260-ICV,160368:	L/107512	ICV	1	<2	-a8260_a_c/all	10/11/17	23:13	rsw	
1/c00bfb.d	8260-TUNE,158548	L/107512	BFB	1	7	-bfb/all	10/11/17	23:48	rsw	
1/c01ccv.d	8260-CCV,160253:	L/107512	CCALIB_6	1	7	-a8260_a_c/all	10/12/17	00:23	rsw	
1/c02lcs.d	1885979,160252:5	L/107505	LCS	1	7	-a8260_a_c/all	10/12/17	00:57	rsw	
1/c03.d	rinse	L/	SAMPLE	1	<2	-a8260_a_c/all	10/12/17	01:32	rsw	
1/c04mb.d	1885978	L/107505	BLANK	1	7	-a8260_a_c/all	10/12/17	02:07	rsw	
1/c05.d	50181849001	L/107505	SAMPLE	1	<2	-a8260_a_c/all	10/12/17	02:42	rsw	
1/c06.d	50181849002	L/107505	SAMPLE	1	<2	-a8260_a_c/all	10/12/17	03:16	rsw	

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv4a.i\a101117cal.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:00 10/12/2017

Reviewed By/Date: 10/12/17 Page: 1 of 1

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 50mv4a.i
Column DB-624 20m X 0.18mm Helium — Method:
Misc. Prep Info [L]:
Misc. Prep Info [S]:
ISTD lot: — Surr. lot: 158533:5
Lot:
Tune std: _____ — Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/a00bfb.d	8260-TUNE,158548	L/107512	BFB	1	7	-bfb/all	10/18/17	11:17	cap	
1/a01ccv.d	8260-CCV,160253:	L/107512	CCALIB_6	1	7	-a8260_a_c/all	10/18/17	11:51	cap	S out
1/a02lcs-tclp.d	1890113,160252:5	L/107716	LCS	1	7	-a8260_a_c/all	10/18/17	12:26	cap	
1/a02lcs.d	1889978,160252:5	L/107706	LCS	1	7	-a8260_a_c/all	10/18/17	12:26	cap	
1/a03mb-tclp.d	1890112	L/107716	BLANK	1	7	-a8260_a_c/all	10/18/17	13:01	cap	
1/a03mb.d	1889977	L/107706	BLANK	1	7	-a8260_a_c/all	10/18/17	13:01	cap	
1/a04.d	50181870006x5	L/107655	SAMPLE	5	<2	-a8260_a_c/all	10/18/17	13:35	cap	✓
1/a05.d	50181834001	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	14:10	cap	
1/a06.d	50181834002	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	14:45	cap	
1/a07.d	50181944001	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	15:19	cap	
1/a~~08~~.d	50181944001x10	L/107706	SAMPLE	10	<2	-a8260_a_c/all	10/18/17	15:52	cap	Not needed
1/a09.d	RINSE	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	16:27	cap	RINSE
1/a10.d	50181944005	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	17:01	cap	
1/a11.d	50182066001X5	S/107716	SAMPLE	5		-a8260_a_c/all	10/18/17	17:36	cap	D4, F1
1/a12.d	50182066002X5	S/107716	SAMPLE	5		-a8260_a_c/all	10/18/17	18:10	cap	↓
1/a13.d	50182066003X5	S/107716	SAMPLE	5		-a8260_a_c/all	10/18/17	18:45	cap	D4, F1
1/a14.d	50182066004X5	S/107716	SAMPLE	5		-a8260_a_c/all	10/18/17	19:20	cap	↓
1/a15.d	50182066005X5	S/107716	SAMPLE	5		-a8260_a_c/all	10/18/17	19:55	cap	↓
1/a16.d	50181944002	L/107706	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	20:30	cap	
1/a17.d	RINSE	L/	SAMPLE	1	<2	-a8260_a_c/all	10/18/17	21:04	cap	RINSE
1/a~~18~~.d	50181944002X10	L/107706	SAMPLE	10	<2	-a8260_a_c/all	10/18/17	21:39	cap	not needed
1/a19.d	1890114,160252:5	S/107716	MS	1		-a8260_a_c/all	10/18/17	22:13	cap	
1/c00bfb.d	8260-TUNE,158548	L/107512	BFB	1	7	-bfb/all	10/18/17	22:48	cap	
1/c01ccv.d	8260-CCV,160253:	L/107512	CCALIB_6	1	7	-a8260_a_c/all	10/18/17	23:22	cap	S out
1/c02lcs-wn.d	1890118,160252:5	L/107718	LCS	1	7	-a8260_a_c/all	10/18/17	23:57	cap	
1/c02lcs.d	1890116,160252:5	L/107717	LCS	1	7	-a8260_a_c/all	10/18/17	23:57	cap	
1/c03mb-wn.d	1890117	L/107718	BLANK	1	7	-a8260_a_c/all	10/19/17	00:31	cap	
1/c03mb.d	1890115	L/107717	BLANK	1	7	-a8260_a_c/all	10/19/17	00:31	cap	
1/c04.d	50181944003	L/107717	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	01:06	cap	
1/c~~05~~.d	50181944003X10	L/107717	SAMPLE	10	<2	-a8260_a_c/all	10/19/17	01:40	cap	Not needed

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv4a.i\a101817.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 10:58 10/19/2017

Reviewed By/Date: Cap 10-19-17

INSTRUMENT RUN LOG

Pace Analytical Services, Inc.

Instrument: 50mv4a.i

Column DB-624 20m X 0.18mm Helium Method:

Misc. Prep Info [L]:

Misc. Prep Info [S]:

ISTD lot: Surr. lot: 158533:5

Lot:

Tune std: _____ Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	pH	Method/Sublist	Date	Time	Oper	Comments
1/c06.d	50181944004	L/107717	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	02:15	cap	
1/c07.d	50181944004X10	L/107717	SAMPLE	10	<2	-a8260_a_c/all	10/19/17	02:49	cap	Not needed
1/c08.d	50181966001	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	03:24	cap	
1/c09.d	50181966002	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	03:58	cap	
1/c10.d	50181966003	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	04:33	cap	
1/c11.d	50181966004	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	05:07	cap	
1/c12.d	50181966005	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	05:41	cap	
1/c13.d	50181966006	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	06:16	cap	
1/c14.d	50181966007	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	06:50	cap	
1/c15.d	50181966009	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	07:25	cap	
1/c16.d	50181966010	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	08:00	cap	
1/c17.d	50181966011	L/107718	SAMPLE	1	<2	-a8260_a_c/all	10/19/17	08:34	cap	
1/c18.d	1890119,160252:5	L/107718	MS	1	<2	-a8260_a_c/all	10/19/17	09:09	cap	
1/c19.d	1890120,160252:5	L/107718	MSD	1	<2	-a8260_a_c/all	10/19/17	09:43	cap	

C

Comments: All water samples have a pH below 2 unless otherwise noted.

File Path 1: \\192.168.50.6\chem\50mv4a.i\a101817.b

Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one

Report Date: 10:58 10/19/2017

Reviewed By/Date: Cap 10-19-17 Page: 2 of 2

ARCADIS Design & Consultancy for natural and built assets

RACER TRUST

Former GM Delco Plant 5

DATA REVIEW

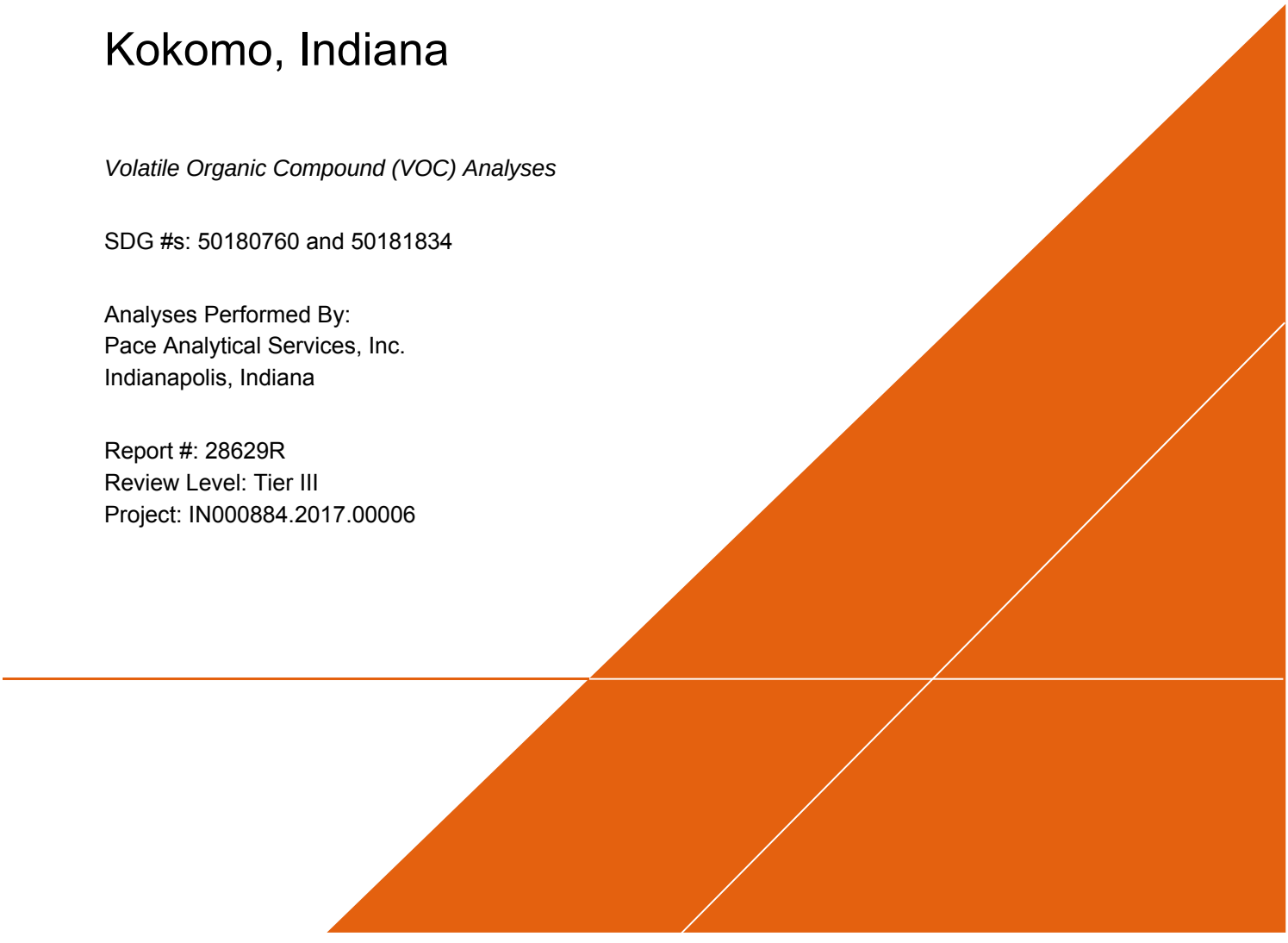
Kokomo, Indiana

Volatile Organic Compound (VOC) Analyses

SDG #s: 50180760 and 50181834

Analyses Performed By:
Pace Analytical Services, Inc.
Indianapolis, Indiana

Report #: 28629R
Review Level: Tier III
Project: IN000884.2017.00006



SUMMARY

This data quality assessment summarizes the review of Sample Delivery Groups (SDGs) # 50180760 and 50181834 for samples collected in association with the RACER Trust site in Kokomo, Indiana. The review was conducted as an ARCADIS Tier III evaluation and included review of data package completeness. Only analytical data as reported by the laboratory were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody records. Analyses were performed on the following samples.

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
						VOC	SVOC	TPH	Metal	Misc.
50180760	Trip Blank	50180760001	Water	9/27/2017		X				
	MW-0617-S1 (092717)	50180760002	Water	9/27/2017		X				
	MW-0506-S1 (092717)	50180760003	Water	9/27/2017		X				
	EB-1 (092717)	50180760004	Water	9/27/2017		X				
	MW-0507-S1 (0-2717)	50180760005	Water	9/27/2017		X				
	MW-0503-S1 (0-2717)	50180760006	Water	9/27/2017		X				
	MW-0604-S1 (092717)	50180760007	Water	9/27/2017		X				
	MW-0504-S1 (092717)	50180760008	Water	9/27/2017		X				
	MW-0517-S1 (092717)	50180760009	Water	9/27/2017		X				
	FD-1 (092717)	50180760010	Water	9/27/2017	MW-0517-S1 (092717)	X				
	MW-0101-S1U (092717)	50180760011	Water	9/27/2017		X				
	MW-0502-S1 (092717)	50180760012	Water	9/27/2017		X				
	MW-0505-S1 (092717)	50180760013	Water	9/27/2017		X				
	MW-0621-S1 (092717)	50180760014	Water	9/27/2017		X				
	MW-0605-S1 (092717)	50180760015	Water	9/27/2017		X				
	MW-0620-S1 (092717)	50180760016	Water	9/27/2017		X				
	MW-0102-S1U (092717)	50180760017	Water	9/27/2017		X				
	MW-0619-S1 (092717)	50180760018	Water	9/27/2017		X				
	MW-0622-S1 (092717)	50180760019	Water	9/27/2017		X				
	FD-2 (092717)	50180760020	Water	9/27/2017	MW-0622-S1 (092717)	X				
	MW-0623-S1 (092717)	50180760021	Water	9/27/2017		X				
	MW-0103-S1U (092717)	50180760022	Water	9/27/2017		X				

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
						VOC	SVOC	TPH	Metal	Misc.
50180760	MW-0509-S1 (092717)	50180760023	Water	9/27/2017		X				
	MW-0501-S1 (092717)	50180760024	Water	9/27/2017		X				
	MW-0603-S1 (092717)	50180760025	Water	9/27/2017		X				
	MW-0516-S1 (092717)	50180760026	Water	9/27/2017		X				
	MW-0618-S1 (092717)	50180760027	Water	9/27/2017		X				
	MW-0613-S1 (092717)	50180760028	Water	9/27/2017		X				
	EB-2 (092717)	50180760029	Water	9/27/2017		X				
	MW-0607-S1 (092717)	50180760030	Water	9/27/2017		X				
	MW-0612-S1 (092717)	50180760031	Water	9/27/2017		X				
	MW-0606-S1 (092717)	50180760032	Water	9/27/2017		X				
	MW-0704-S1 (092717)	50180760033	Water	9/27/2017		X				
	MW-0705-S1 (092717)	50180760034	Water	9/27/2017		X				
	MW-0608-S1 (092717)	50180760035	Water	9/27/2017		X				
	MW-0609-S1 (092717)	50180760036	Water	9/27/2017		X				
	MW-0610-S1 (092717)	50180760037	Water	9/27/2017		X				
	MW-0602-S1 (092717)	50180760038	Water	9/27/2017		X				
50181834	MW-0611-S1 (101117) LF	50181834001	Water	10/11/2017		X				
	TB-1 (101117) - BC	50181834002	Water	10/11/2017		X				

Note:
As specified on the chain-of-custody (COC) records, samples MW-0503-S1 (0-2717) and MW-0501-S1 (092717) were used in the MS/MSD analyses.

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of quality assurance (QA) or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260. Data were reviewed in accordance with *USEPA National Functional Guidelines for Organic Data Review* (October 1999).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected as unusable. The compound may or may not be present in the sample.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is

that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	14 days from collection to analysis (preserved)	Cool to < 6 °C; pH < 2 with HCl

All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were not detected above the MDL in the associated blanks; therefore, detected sample results are not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and system performance and column resolution were acceptable. All analyses were performed within 12 hours of the associated tune analysis.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration Verification (ICV)

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration Verification (CCV)

Each target compound associated with the continuing calibration standard must exhibit a RRF value greater than control limit (0.05) and a percent difference (%D) from the initial calibration within the control limit (20%).

All compounds associated with the calibrations were within the specified control limits, except for the compounds presented in the following table.

Samples	Initial / Continuing	Compound	Criteria
SDG 50180760: Trip Blank MW-0617-S1 (092717) MW-0506-S1 (092717) EB-1 (092717) MW-0503-S1 (0-2717) MW-0604-S1 (092717) MW-0504-S1 (092717) MW-0101-S1U (092717) MW-0502-S1 (092717) MW-0505-S1 (092717) MW-0621-S1 (092717)	CCV %D	Carbon disulfide	-22.1 %
		Chloroethane	-22.6 %
		Chloromethane	-24.3 %
		Cyclohexane	-23.7 %
		Vinyl chloride	-21.7 %
SDG 50180760: MW-0102-S1U (092717) MW-0619-S1 (092717) MW-0622-S1 (092717) FD-2 (092717) MW-0623-S1 (092717) MW-0103-S1U (092717) MW-0509-S1 (092717) MW-0501-S1 (092717) MW-0603-S1 (092717) MW-0516-S1 (092717) MW-0618-S1 (092717) MW-0613-S1 (092717) EB-2 (092717) MW-0607-S1 (092717) MW-0612-S1 (092717) MW-0606-S1 (092717) MW-0704-S1 (092717)	CCV %D	1,2-Dichloroethane	-23.6 %
		Acetone	-25.0 %
		Chloroethane	-21.0 %
		Cyclohexane	-21.3 %
		Methyl acetate	+69.3 %
SDG 50180760: MW-0507-S1 (0-2717) MW-0517-S1 (092717) FD-1 (092717) MW-0605-S1 (092717) MW-0620-S1 (092717) MW-0705-S1 (092717) MW-0608-S1 (092717) MW-0609-S1 (092717) MW-0610-S1 (092717) MW-0602-S1 (092717)	CCV %D	Acetone	-21.6 %
		Bromomethane	-38.9 %
		Chloroethane	-22.3 %
		Chloromethane	-24.8 %
		Cyclohexane	-27.5 %
		Methylcyclohexane	-20.9 %
SDG 50181834: MW-0611-S1 (101117) LF TB-1 (101117) -BC	CCV %D	Chloroethane	+37.5 %
		Dichlorodifluoromethane	-30.3 %
		Methyl acetate	-28.0 %

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the associated sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibrations	RRF < 0.05	Non-detect	R
		Detect	J
	RRF < 0.01[1]	Non-detect	R
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibrations	RRF > 0.05 or RRF > 0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient < 0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D > 20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D < 20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

[1] RRF of 0.01 only applies to typically poor responding compounds (e.g. ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All samples exhibited surrogate recoveries within the control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All sample exhibited internal standard responses within the control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

Samples MW-0503-S1 (0-2717), MW-0501-S1 (092717), and MW-0602-S1 (092717) were used in the MS/MSD analyses. All compounds associated with the MS/MSD analyses exhibited acceptable recoveries and RPDs.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The spiked compounds used in the LCS analysis must exhibit recoveries within the laboratory-established acceptance limits.

Samples associated with LCS analyses exhibiting recoveries outside of the control limits are presented in the following table.

Samples	Compound	LCS Recovery
SDG 50180760: Trip Blank MW-0617-S1 (092717) MW-0506-S1 (092717) EB-1 (092717) MW-0503-S1 (0-2717) MW-0604-S1 (092717) MW-0504-S1 (092717) MW-0101-S1U (092717) MW-0502-S1 (092717) MW-0505-S1 (092717) MW-0621-S1 (092717)	Methyl acetate	> UL
SDG 50180760: MW-0611-S1 (101117) LF TB-1 (101117) -BC	Chloroethane Methyl acetate	> UL

The criteria used to evaluate the LCS recoveries are presented in the following table. In the case of any LCS deviations, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

The compounds specified in the preceding table were not detected in the associated samples; therefore, no qualification is required.

9. Field Duplicate Sample Analysis

The field duplicate sample analysis is used to assess the overall precision of the field sampling procedures and analytical method. The control limits of 35% for water matrices and 50% for soil matrices are applied to the RPD between the parent and field duplicate samples. In the case when the parent and/or duplicate sample concentrations are no greater than five times the reporting limit (RL), the control limit of two times the RL for water matrices or three times the RL for soil matrices is applied to the difference between the results.

Detected results for the field duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SDG 50180760: MW-0517-S1 (092717) / FD-1 (092717)	cis-1,2-Dichloroethene	43.3	44.9	3.6 %
	trans-1,2-Dichloroethene	25.1	25.2	0.4 %
	Trichloroethene	130	127	2.3 %

Sample ID / Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
SDG 50180760: MW-0622-S1 (092717) / FD-2 (092717)	cis-1,2-Dichloroethene	1290	1300	0.8 %
	Trichloroethene	10300	7690	29.0 %

The field duplicate samples exhibited acceptable results.

10. Compound Identification

A positive identification of a target compound is made when the relative retention time (RRT) is within ±0.06 RRT units of the compound's RRT in the associated calibration standard and the mass spectrum of the compound matches the compound's mass spectrum in the associated calibration standard within the method-specified criteria.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCS

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Gas Chromatography/Mass Spectrometry (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment/field blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS) Accuracy (%R)		X	X		
Laboratory Control Sample Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision RPD		X		X	
Laboratory Duplicate Sample RPD	X				X
Field Duplicate Sample RPD		X		X	
Surrogate Spike %R		X		X	
Dilution Factor		X		X	
Moisture Content					X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation		X		X	
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

Validation Performed By:	Dennis Dyke
Signature:	
Date:	November 7, 2017
Peer Review:	Dennis Capria
Date:	November 27, 2017

CHAIN OF CUSTODY AND CORRECTED SAMPLE ANALYSIS DATA SHEETS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 4

2174201

Section A Required Client Information:

Company: Arcadis
Address: 150 w Market (728)
Indpls, IN 46204
Email To: sarah.jonker@arcadis.com
Phone: 317-653-0790 Fax: —
Requested Due Date/TAT: —

Section B Required Project Information:

Report To: Sarah Jonker
Copy To: Sarah Fisher
Purchase Order No.: —
Project Name: Kokomo Race
Project Number: IN000884.2017.00006

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Trip Blank	WG	G	Lab Provided					3				X						X		001
2	MW-0617-S1 (092717)	WG		9-27-17	1119				3				X						X		002
3	MW-0506-S1 (092717)	WG		9-27-17	1137				3				X						X		003
4	EB-1 (092717)	WG			1140				3				X						X		004
5	MW-0507-S1 (092717)	WG			1147				3				X						X		005
6	MW-0503-S1 (092717)	WG			1155				9				X						X		006
7	MW-0604-S1 (092717)	WG			1215				3				X						X		007
8	MW-0504-S1 (092717)	WG			1221				3				X						X		008
9	MW-0517-S1 (092717)	WG			1232				3				X						X		009
10	FD-1 (092717)	WG			—				3				X						X		010
11	MW-0101-S1U (092717)	WG			1245				3				X						X		011
12	MW-0502-S1 (092717)	WG			1253				3				X						X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / Arcadis	9-28-17	0750	[signature]	9/28/17	0750	2.0 see scan

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Arizona Fox

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2174202

Section A Required Client Information:

Company: Arcadis
Address: 150 W Market (728)
Indpls, IN 46204
Email To: scrah.jonker@arcadis.com
Phone: 317-231-6500 Fax: —
Requested Due Date/TAT: —

Section B Required Project Information:

Report To: Scrah Jonker
Copy To: Scrah Fisher
Purchase Order No.: —
Project Name: Racr Kokomo
Project Number: IN000884.2017.0000 6

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER —

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0505-S1 (092717)	WG		9/27/17	1305				3				X					Y	X		013
2	MW-0621-S1 (092717)	WG			1316				3				X						X		014
3	MW-0605-S1 (092717)	WG			1325				3				X						X		015
4	MW-0620-S1 (092717)	WG			1337				3				X						X		016
5	MW-0102-S1U (092717)	WG			1348				3				X						X		017
6	MW-0619-S1 (092717)	WG			1403				3				X						X		018
7	MW-0622-S1 (092717)	WG			1412				3				X						X		019
8	FD-2(092717)	WG			—				3				X						X		020
9	MW-0623-S1(092717)	WG			1430				3				X						X		021
10	MW-0103-S1U(092717)	WG			1442				3				X						X		022
11	MW-0509-S1(092717)	WG			1451				3				X						X		023
12	MW-0501-S1(092717)	WG		↓	1500				9				X						X		024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / Arcadis	9-28-17	0750	[signature]	9/28/17	0750	2.0 SEE Seal

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Arizona Fox
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2197461

Section A Required Client Information:

Company: Arcadis
Address: 150 W Market (728)
Indpls, IN 46204
Email To: sarah.jonker@arcadis.com
Phone: 317-231-6500 Fax: —
Requested Due Date/TAT: —

Section B Required Project Information:

Report To: Sarah Jonker
Copy To: Sarah Fisher
Purchase Order No.: —
Project Name: Race Kokomo
Project Number: IN000884.2017.00006

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0603-SI (092717)	WG	G	9-27-17	1535				3				X					X		025
2	MW-0516-SI (092717)	WG			1545				3				X					X		026
3	MW-0618-SI (092717)	WG			1558				3				X					X		027
4	MW-0613-SI (092717)	WG			1606				3				X					X		028
5	EB-2 (092717)	WQ			1610				3				X					X		029
6	MW-0607-SI (092717)	WG			1620				3				X					X		030
7	MW-0612-SI (092717)	WG			1628				3				X					X		031
8	MW-0606-SI (092717)	WG			1636				3				X					X		032
9	MW-0704-SI (092717)	WG			1643				3				X					X		033
10	MW-0705-SI (092717)	WG			1651				3				X					X		034
11	MW-0608-SI (092717)	WG			1659				3				X					X		035
12	MW-0609-SI (092717)	WG			1708				3				X					X		036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / Arcadis	9-28-17	0750	[signature]	9/28/17	0750	2.0 SES Samp

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Arizona Fox
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/27/17

Temp In °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of 4

2197462

Section A Required Client Information:

Company:	Arcadis
Address:	160 W Market (778)
	Indpls, IN 46204
Email To:	sarah.jonker@arcadis.com
Phone: 317-231-6500	Fax: —
Requested Due Date/TAT:	—

Section B Required Project Information:

Report To:	Sarah Jonker
Copy To:	Sarah Fisher
Purchase Order No.:	—
Project Name:	Racer Kokomo
Project Number:	IN000884.2017.000006

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER —

Site Location STATE: IN

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-0600-S1 (092717)	WG	G	9-27-17	1721				3				X						X		037
2	MW-0602-S1 (092717)	WG	G	9-27-17	1729				3				X						X		038
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	AF / Arcadis	9/28/17	0750		9/28/17	0750	7.0

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Arizona Fox

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 09/28/17

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

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F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: Trip Blank **Lab ID: 50180760001** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 09:04	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 09:04	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 09:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 09:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 09:04	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 09:04	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 09:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 09:04	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 09:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 09:04	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 09:04	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 09:04	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 09:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 09:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 09:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 09:04	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 09:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 09:04	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 09:04	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 09:04	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 09:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 09:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 09:04	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 09:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 09:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 09:04	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 09:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 09:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 09:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 09:04	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 09:04	75-01-4	UJ

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: Trip Blank **Lab ID: 50180760001** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 09:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 09:04	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 09:04	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 09:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0617-S1 (092717) **Lab ID: 50180760002** Collected: 09/27/17 11:19 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 01:04	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 01:04	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 01:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 01:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 01:04	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 01:04	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 01:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 01:04	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 01:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 01:04	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 01:04	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 01:04	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 01:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 01:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 01:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 01:04	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 01:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 01:04	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 01:04	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 01:04	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 01:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 01:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 01:04	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 01:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 01:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 01:04	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 01:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 01:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 01:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 01:04	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 01:04	75-01-4	UJ

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0617-S1 (092717) **Lab ID: 50180760002** Collected: 09/27/17 11:19 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 01:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 01:04	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 01:04	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 01:04	2037-26-5	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0506-S1 (092717) **Lab ID: 50180760003** Collected: 09/27/17 11:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 01:36	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 01:36	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 01:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 01:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 01:36	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 01:36	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 01:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 01:36	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 01:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 01:36	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 01:36	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 01:36	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 01:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 01:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 01:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 01:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 01:36	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 01:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 01:36	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 01:36	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 01:36	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 01:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 01:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 01:36	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 01:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 01:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 01:36	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 01:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 01:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 01:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 01:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 01:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 01:36	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 01:36	75-01-4	UJ

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0506-S1 (092717) **Lab ID: 50180760003** Collected: 09/27/17 11:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 01:36	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 01:36	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 01:36	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/06/17 01:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-1 (092717) **Lab ID: 50180760004** Collected: 09/27/17 11:40 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:07	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 02:07	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:07	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:07	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:07	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 02:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:07	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 02:07	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:07	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:07	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:07	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:07	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:07	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:07	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:07	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 02:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:07	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:07	75-01-4	UJ

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-1 (092717) **Lab ID: 50180760004** Collected: 09/27/17 11:40 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 02:07	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 02:07	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 02:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0507-S1 (0-2717) **Lab ID: 50180760005** Collected: 09/27/17 11:47 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 20:56	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 20:56	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 20:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 20:56	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 20:56	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 20:56	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 20:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 20:56	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 20:56	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 20:56	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 20:56	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 20:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-71-8	
1,1-Dichloroethane	**21.1**	ug/L	5.0	1		10/10/17 20:56	75-34-3	C0
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	75-35-4	
cis-1,2-Dichloroethene	**53.9**	ug/L	5.0	1		10/10/17 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 20:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 20:56	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 20:56	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 20:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 20:56	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 20:56	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 20:56	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 20:56	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 20:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 20:56	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 20:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 20:56	120-82-1	
1,1,1-Trichloroethane	**9.6**	ug/L	5.0	1		10/10/17 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 20:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 20:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 20:56	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 20:56	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0507-S1 (0-2717) **Lab ID: 50180760005** Collected: 09/27/17 11:47 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 20:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 20:56	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 20:56	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 20:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0503-S1 (0-2717) **Lab ID: 50180760006** Collected: 09/27/17 11:55 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:11	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 03:11	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:11	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:11	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:11	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 03:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:11	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 03:11	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:11	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:11	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:11	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:11	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:11	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:11	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:11	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:11	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:11	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:11	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:11	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:11	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:11	75-01-4	UJ

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0503-S1 (0-2717) **Lab ID: 50180760006** Collected: 09/27/17 11:55 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:11	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 03:11	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 03:11	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 03:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0604-S1 (092717) **Lab ID: 50180760007** Collected: 09/27/17 12:15 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 04:48	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 04:48	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 04:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 04:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 04:48	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 04:48	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 04:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 04:48	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 04:48	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 04:48	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 04:48	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 04:48	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 04:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	107-06-2	
1,1-Dichloroethene	**5.1**	ug/L	5.0	1		10/06/17 04:48	75-35-4	
cis-1,2-Dichloroethene	**1260**	ug/L	125	25		10/09/17 20:22	156-59-2	
trans-1,2-Dichloroethene	**101**	ug/L	5.0	1		10/06/17 04:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 04:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 04:48	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 04:48	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 04:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 04:48	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 04:48	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 04:48	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 04:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 04:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 04:48	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 04:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 04:48	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 04:48	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 04:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 04:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 04:48	79-00-5	
Trichloroethene	**3870**	ug/L	125	25		10/09/17 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 04:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 04:48	76-13-1	
Vinyl chloride	**34.4**	ug/L	2.0	1		10/06/17 04:48	75-01-4	J

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0604-S1 (092717) **Lab ID: 50180760007** Collected: 09/27/17 12:15 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 04:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 04:48	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 04:48	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 04:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0504-S1 (092717) **Lab ID: 50180760008** Collected: 09/27/17 12:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 05:20	67-64-1	
Benzene	ND	ug/L	25.0	5		10/06/17 05:20	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 05:20	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 05:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 05:20	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 05:20	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 05:20	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 05:20	75-00-3	UJ
Chloroform	ND	ug/L	25.0	5		10/06/17 05:20	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 05:20	74-87-3	UJ
Cyclohexane	ND	ug/L	500	5		10/06/17 05:20	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 05:20	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 05:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 05:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 05:20	75-35-4	
cis-1,2-Dichloroethene	**714**	ug/L	25.0	5		10/06/17 05:20	156-59-2	
trans-1,2-Dichloroethene	**108**	ug/L	25.0	5		10/06/17 05:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 05:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 05:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 05:20	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 05:20	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 05:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 05:20	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 05:20	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 05:20	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 05:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 05:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 05:20	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 05:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 05:20	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 05:20	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 05:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 05:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 05:20	79-00-5	
Trichloroethene	**2520**	ug/L	250	50		10/09/17 20:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 05:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 05:20	76-13-1	
Vinyl chloride	**13.3**	ug/L	10.0	5		10/06/17 05:20	75-01-4	J

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0504-S1 (092717) **Lab ID: 50180760008** Collected: 09/27/17 12:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 05:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	5		10/06/17 05:20	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	5		10/06/17 05:20	460-00-4	
Toluene-d8 (S)	97	%.	86-111	5		10/06/17 05:20	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0517-S1 (092717) **Lab ID: 50180760009** Collected: 09/27/17 12:32 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 16:41	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 16:41	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 16:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 16:41	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 16:41	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 16:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 16:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 16:41	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 16:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 16:41	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 16:41	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 16:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:41	75-35-4	
cis-1,2-Dichloroethene	**43.3**	ug/L	5.0	1		10/10/17 16:41	156-59-2	
trans-1,2-Dichloroethene	**25.1**	ug/L	5.0	1		10/10/17 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 16:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 16:41	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 16:41	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 16:41	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 16:41	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 16:41	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 16:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 16:41	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 16:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:41	79-00-5	
Trichloroethene	**130**	ug/L	5.0	1		10/10/17 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 16:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 16:41	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 16:41	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0517-S1 (092717) **Lab ID: 50180760009** Collected: 09/27/17 12:32 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 16:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/10/17 16:41	1868-53-7	
4-Bromofluorobenzene (S)	90	%.	84-113	1		10/10/17 16:41	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/10/17 16:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-1 (092717) **Lab ID: 50180760010** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 17:13	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 17:13	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 17:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 17:13	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 17:13	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 17:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 17:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 17:13	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 17:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 17:13	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 17:13	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 17:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:13	75-35-4	
cis-1,2-Dichloroethene	**44.9**	ug/L	5.0	1		10/10/17 17:13	156-59-2	
trans-1,2-Dichloroethene	**25.2**	ug/L	5.0	1		10/10/17 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 17:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 17:13	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 17:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 17:13	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 17:13	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 17:13	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 17:13	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 17:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 17:13	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 17:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:13	79-00-5	
Trichloroethene	**127**	ug/L	5.0	1		10/10/17 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 17:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 17:13	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 17:13	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-1 (092717) **Lab ID: 50180760010** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 17:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 17:13	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 17:13	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/10/17 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0101-S1U (092717) **Lab ID: 50180760011** Collected: 09/27/17 12:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	10000	100		10/06/17 06:56	67-64-1	
Benzene	ND	ug/L	500	100		10/06/17 06:56	71-43-2	
Bromodichloromethane	ND	ug/L	500	100		10/06/17 06:56	75-27-4	
Bromoform	ND	ug/L	500	100		10/06/17 06:56	75-25-2	
Bromomethane	ND	ug/L	500	100		10/06/17 06:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	2500	100		10/06/17 06:56	78-93-3	
Carbon disulfide	ND	ug/L	1000	100		10/06/17 06:56	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	500	100		10/06/17 06:56	56-23-5	
Chlorobenzene	ND	ug/L	500	100		10/06/17 06:56	108-90-7	
Chloroethane	ND	ug/L	500	100		10/06/17 06:56	75-00-3	UJ
Chloroform	ND	ug/L	500	100		10/06/17 06:56	67-66-3	
Chloromethane	ND	ug/L	500	100		10/06/17 06:56	74-87-3	UJ
Cyclohexane	ND	ug/L	10000	100		10/06/17 06:56	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	1000	100		10/06/17 06:56	96-12-8	
Dibromochloromethane	ND	ug/L	500	100		10/06/17 06:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	500	100		10/06/17 06:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	500	100		10/06/17 06:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	500	100		10/06/17 06:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	500	100		10/06/17 06:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	500	100		10/06/17 06:56	75-35-4	
cis-1,2-Dichloroethene	**8670**	ug/L	500	100		10/06/17 06:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	500	100		10/06/17 06:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	500	100		10/06/17 06:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	500	100		10/06/17 06:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	500	100		10/06/17 06:56	10061-02-6	
Ethylbenzene	ND	ug/L	500	100		10/06/17 06:56	100-41-4	
2-Hexanone	ND	ug/L	2500	100		10/06/17 06:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	500	100		10/06/17 06:56	98-82-8	
Methyl acetate	ND	ug/L	5000	100		10/06/17 06:56	79-20-9	L1,N2
Methylcyclohexane	ND	ug/L	5000	100		10/06/17 06:56	108-87-2	N2
Methylene Chloride	ND	ug/L	500	100		10/06/17 06:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	2500	100		10/06/17 06:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	400	100		10/06/17 06:56	1634-04-4	
Styrene	ND	ug/L	500	100		10/06/17 06:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	500	100		10/06/17 06:56	79-34-5	
Tetrachloroethene	ND	ug/L	500	100		10/06/17 06:56	127-18-4	
Toluene	ND	ug/L	500	100		10/06/17 06:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	500	100		10/06/17 06:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	500	100		10/06/17 06:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	500	100		10/06/17 06:56	79-00-5	
Trichloroethene	ND	ug/L	500	100		10/06/17 06:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	500	100		10/06/17 06:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	500	100		10/06/17 06:56	76-13-1	
Vinyl chloride	**268**	ug/L	200	100		10/06/17 06:56	75-01-4	J

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0101-S1U (092717) **Lab ID: 50180760011** Collected: 09/27/17 12:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	1000	100		10/06/17 06:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	100		10/06/17 06:56	1868-53-7	D4
4-Bromofluorobenzene (S)	95	%.	84-113	100		10/06/17 06:56	460-00-4	
Toluene-d8 (S)	98	%.	86-111	100		10/06/17 06:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0502-S1 (092717) **Lab ID: 50180760012** Collected: 09/27/17 12:53 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:28	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 07:28	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:28	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:28	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:28	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:28	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 07:28	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:28	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 07:28	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:28	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:28	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:28	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:28	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:28	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:28	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:28	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:28	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:28	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:28	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:28	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:28	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:28	75-01-4	UJ

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0502-S1 (092717) **Lab ID: 50180760012** Collected: 09/27/17 12:53 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:28	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 07:28	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 07:28	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 07:28	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0505-S1 (092717) **Lab ID: 50180760013** Collected: 09/27/17 13:05 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:00	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 08:00	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:00	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:00	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:00	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:00	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 08:00	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:00	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 08:00	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:00	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:00	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:00	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:00	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:00	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:00	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:00	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:00	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:00	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:00	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 08:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:00	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:00	75-01-4	UJ

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7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0505-S1 (092717) **Lab ID: 50180760013** Collected: 09/27/17 13:05 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:00	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 08:00	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 08:00	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 08:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0621-S1 (092717) **Lab ID: 50180760014** Collected: 09/27/17 13:16 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:32	67-64-1	
Benzene	ND	ug/L	5.0	1		10/06/17 08:32	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:32	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:32	75-15-0	UJ
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:32	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:32	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 08:32	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:32	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/06/17 08:32	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:32	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:32	75-35-4	
cis-1,2-Dichloroethene	**220**	ug/L	5.0	1		10/06/17 08:32	156-59-2	
trans-1,2-Dichloroethene	**29.5**	ug/L	5.0	1		10/06/17 08:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:32	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:32	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:32	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:32	79-20-9	~~L1~~,N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:32	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:32	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:32	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:32	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:32	79-00-5	
Trichloroethene	**2010**	ug/L	50.0	10		10/10/17 07:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:32	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:32	75-01-4	UJ

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0621-S1 (092717) **Lab ID: 50180760014** Collected: 09/27/17 13:16 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 08:32	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 08:32	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 08:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0605-S1 (092717) **Lab ID: 50180760015** Collected: 09/27/17 13:25 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 13:29	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 13:29	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 13:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 13:29	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 13:29	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 13:29	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 13:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 13:29	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 13:29	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 13:29	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 13:29	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 13:29	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 13:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 13:29	75-35-4	
cis-1,2-Dichloroethene	**14.3**	ug/L	5.0	1		10/10/17 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 13:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 13:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 13:29	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 13:29	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 13:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 13:29	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 13:29	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 13:29	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 13:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 13:29	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 13:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 13:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 13:29	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 13:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 13:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 13:29	79-00-5	
Trichloroethene	**992**	ug/L	125	25		10/10/17 08:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 13:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 13:29	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 13:29	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0605-S1 (092717) **Lab ID: 50180760015** Collected: 09/27/17 13:25 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 13:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/10/17 13:29	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/10/17 13:29	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 13:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0620-S1 (092717) **Lab ID: 50180760016** Collected: 09/27/17 13:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 17:45	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 17:45	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 17:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 17:45	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 17:45	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 17:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 17:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 17:45	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 17:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 17:45	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 17:45	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 17:45	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 17:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:45	75-35-4	
cis-1,2-Dichloroethene	**369**	ug/L	125	25		10/10/17 08:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 17:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 17:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 17:45	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 17:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 17:45	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 17:45	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 17:45	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 17:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 17:45	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 17:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 17:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 17:45	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 17:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 17:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 17:45	79-00-5	
Trichloroethene	**823**	ug/L	125	25		10/10/17 08:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 17:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 17:45	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 17:45	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0620-S1 (092717) **Lab ID: 50180760016** Collected: 09/27/17 13:37 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 17:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/10/17 17:45	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/10/17 17:45	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/10/17 17:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0102-S1U (092717) **Lab ID: 50180760017** Collected: 09/27/17 13:48 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 00:15	67-64-1	UJ
Benzene	ND	ug/L	25.0	5		10/06/17 00:15	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 00:15	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 00:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 00:15	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 00:15	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 00:15	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 00:15	75-00-3	UJ
Chloroform	ND	ug/L	25.0	5		10/06/17 00:15	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 00:15	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 00:15	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 00:15	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 00:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 00:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 00:15	75-35-4	
cis-1,2-Dichloroethene	**1310**	ug/L	25.0	5		10/06/17 00:15	156-59-2	
trans-1,2-Dichloroethene	**112**	ug/L	25.0	5		10/06/17 00:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 00:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 00:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 00:15	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 00:15	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 00:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 00:15	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 00:15	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 00:15	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 00:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 00:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 00:15	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 00:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 00:15	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 00:15	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 00:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 00:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 00:15	79-00-5	
Trichloroethene	**3470**	ug/L	250	50		10/10/17 09:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 00:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 00:15	76-13-1	
Vinyl chloride	**17.9**	ug/L	10.0	5		10/06/17 00:15	75-01-4	

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7726 Moller Road
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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0102-S1U (092717) **Lab ID: 50180760017** Collected: 09/27/17 13:48 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 00:15	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	5		10/06/17 00:15	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	5		10/06/17 00:15	460-00-4	
Toluene-d8 (S)	99	%.	86-111	5		10/06/17 00:15	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0619-S1 (092717) **Lab ID: 50180760018** Collected: 09/27/17 14:03 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 00:47	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 00:47	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 00:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 00:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 00:47	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 00:47	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 00:47	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 00:47	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 00:47	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 00:47	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 00:47	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 00:47	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 00:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 00:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 00:47	75-35-4	
cis-1,2-Dichloroethene	**114**	ug/L	5.0	1		10/06/17 00:47	156-59-2	
trans-1,2-Dichloroethene	**8.0**	ug/L	5.0	1		10/06/17 00:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 00:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 00:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 00:47	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 00:47	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 00:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 00:47	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 00:47	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 00:47	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 00:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 00:47	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 00:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 00:47	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 00:47	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 00:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 00:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 00:47	79-00-5	
Trichloroethene	**818**	ug/L	25.0	5		10/10/17 09:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 00:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 00:47	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 00:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0619-S1 (092717) **Lab ID: 50180760018** Collected: 09/27/17 14:03 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 00:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	1		10/06/17 00:47	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 00:47	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 00:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0622-S1 (092717) **Lab ID: 50180760019** Collected: 09/27/17 14:12 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2000	20		10/06/17 01:19	67-64-1	UJ
Benzene	ND	ug/L	100	20		10/06/17 01:19	71-43-2	
Bromodichloromethane	ND	ug/L	100	20		10/06/17 01:19	75-27-4	
Bromoform	ND	ug/L	100	20		10/06/17 01:19	75-25-2	
Bromomethane	ND	ug/L	100	20		10/06/17 01:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		10/06/17 01:19	78-93-3	
Carbon disulfide	ND	ug/L	200	20		10/06/17 01:19	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		10/06/17 01:19	56-23-5	
Chlorobenzene	ND	ug/L	100	20		10/06/17 01:19	108-90-7	
Chloroethane	ND	ug/L	100	20		10/06/17 01:19	75-00-3	UJ
Chloroform	ND	ug/L	100	20		10/06/17 01:19	67-66-3	
Chloromethane	ND	ug/L	100	20		10/06/17 01:19	74-87-3	
Cyclohexane	ND	ug/L	2000	20		10/06/17 01:19	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	200	20		10/06/17 01:19	96-12-8	
Dibromochloromethane	ND	ug/L	100	20		10/06/17 01:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		10/06/17 01:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	20		10/06/17 01:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		10/06/17 01:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		10/06/17 01:19	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	100	20		10/06/17 01:19	75-35-4	
cis-1,2-Dichloroethene	**1290**	ug/L	100	20		10/06/17 01:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		10/06/17 01:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		10/06/17 01:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:19	10061-02-6	
Ethylbenzene	ND	ug/L	100	20		10/06/17 01:19	100-41-4	
2-Hexanone	ND	ug/L	500	20		10/06/17 01:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	100	20		10/06/17 01:19	98-82-8	
Methyl acetate	ND	ug/L	1000	20		10/06/17 01:19	79-20-9	N2
Methylcyclohexane	ND	ug/L	1000	20		10/06/17 01:19	108-87-2	N2
Methylene Chloride	ND	ug/L	100	20		10/06/17 01:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		10/06/17 01:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		10/06/17 01:19	1634-04-4	
Styrene	ND	ug/L	100	20		10/06/17 01:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		10/06/17 01:19	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		10/06/17 01:19	127-18-4	
Toluene	ND	ug/L	100	20		10/06/17 01:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		10/06/17 01:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		10/06/17 01:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		10/06/17 01:19	79-00-5	
Trichloroethene	**10300**	ug/L	1000	200		10/10/17 18:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		10/06/17 01:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	100	20		10/06/17 01:19	76-13-1	
Vinyl chloride	ND	ug/L	40.0	20		10/06/17 01:19	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0622-S1 (092717) **Lab ID: 50180760019** Collected: 09/27/17 14:12 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	200	20		10/06/17 01:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	20		10/06/17 01:19	1868-53-7	D4
4-Bromofluorobenzene (S)	92	%.	84-113	20		10/06/17 01:19	460-00-4	
Toluene-d8 (S)	98	%.	86-111	20		10/06/17 01:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-2 (092717) **Lab ID: 50180760020** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2000	20		10/06/17 01:51	67-64-1	UJ
Benzene	ND	ug/L	100	20		10/06/17 01:51	71-43-2	
Bromodichloromethane	ND	ug/L	100	20		10/06/17 01:51	75-27-4	
Bromoform	ND	ug/L	100	20		10/06/17 01:51	75-25-2	
Bromomethane	ND	ug/L	100	20		10/06/17 01:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	20		10/06/17 01:51	78-93-3	
Carbon disulfide	ND	ug/L	200	20		10/06/17 01:51	75-15-0	
Carbon tetrachloride	ND	ug/L	100	20		10/06/17 01:51	56-23-5	
Chlorobenzene	ND	ug/L	100	20		10/06/17 01:51	108-90-7	
Chloroethane	ND	ug/L	100	20		10/06/17 01:51	75-00-3	UJ
Chloroform	ND	ug/L	100	20		10/06/17 01:51	67-66-3	
Chloromethane	ND	ug/L	100	20		10/06/17 01:51	74-87-3	
Cyclohexane	ND	ug/L	2000	20		10/06/17 01:51	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	200	20		10/06/17 01:51	96-12-8	
Dibromochloromethane	ND	ug/L	100	20		10/06/17 01:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	20		10/06/17 01:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	20		10/06/17 01:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	20		10/06/17 01:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	20		10/06/17 01:51	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	100	20		10/06/17 01:51	75-35-4	
cis-1,2-Dichloroethene	**1300**	ug/L	100	20		10/06/17 01:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	20		10/06/17 01:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	20		10/06/17 01:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	20		10/06/17 01:51	10061-02-6	
Ethylbenzene	ND	ug/L	100	20		10/06/17 01:51	100-41-4	
2-Hexanone	ND	ug/L	500	20		10/06/17 01:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	100	20		10/06/17 01:51	98-82-8	
Methyl acetate	ND	ug/L	1000	20		10/06/17 01:51	79-20-9	N2
Methylcyclohexane	ND	ug/L	1000	20		10/06/17 01:51	108-87-2	N2
Methylene Chloride	ND	ug/L	100	20		10/06/17 01:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	20		10/06/17 01:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	80.0	20		10/06/17 01:51	1634-04-4	
Styrene	ND	ug/L	100	20		10/06/17 01:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	20		10/06/17 01:51	79-34-5	
Tetrachloroethene	ND	ug/L	100	20		10/06/17 01:51	127-18-4	
Toluene	ND	ug/L	100	20		10/06/17 01:51	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	100	20		10/06/17 01:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	20		10/06/17 01:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	20		10/06/17 01:51	79-00-5	
Trichloroethene	**7690**	ug/L	1000	200		10/10/17 18:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	20		10/06/17 01:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	100	20		10/06/17 01:51	76-13-1	
Vinyl chloride	ND	ug/L	40.0	20		10/06/17 01:51	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: FD-2 (092717) **Lab ID: 50180760020** Collected: 09/27/17 08:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	200	20		10/06/17 01:51	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	20		10/06/17 01:51	1868-53-7	D4
4-Bromofluorobenzene (S)	93	%.	84-113	20		10/06/17 01:51	460-00-4	
Toluene-d8 (S)	98	%.	86-111	20		10/06/17 01:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0623-S1 (092717) **Lab ID: 50180760021** Collected: 09/27/17 14:30 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:23	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 02:23	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:23	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:23	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:23	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:23	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 02:23	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:23	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 02:23	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:23	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:23	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:23	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:23	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:23	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:23	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:23	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:23	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:23	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:23	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 02:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:23	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:23	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0623-S1 (092717) **Lab ID: 50180760021** Collected: 09/27/17 14:30 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 02:23	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 02:23	460-00-4	
Toluene-d8 (S)	100	%.	86-111	1		10/06/17 02:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0103-S1U (092717) **Lab ID: 50180760022** Collected: 09/27/17 14:42 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 02:55	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 02:55	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 02:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 02:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 02:55	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 02:55	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 02:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 02:55	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 02:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 02:55	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 02:55	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 02:55	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 02:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 02:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 02:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 02:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 02:55	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 02:55	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 02:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 02:55	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 02:55	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 02:55	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 02:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 02:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 02:55	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 02:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 02:55	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 02:55	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 02:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 02:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 02:55	79-00-5	
Trichloroethene	**5.5**	ug/L	5.0	1		10/06/17 02:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 02:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 02:55	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 02:55	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0103-S1U (092717) **Lab ID: 50180760022** Collected: 09/27/17 14:42 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 02:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 02:55	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 02:55	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 02:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0509-S1 (092717) **Lab ID: 50180760023** Collected: 09/27/17 14:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:27	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 03:27	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:27	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:27	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:27	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:27	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 03:27	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:27	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 03:27	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:27	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:27	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:27	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:27	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:27	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:27	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:27	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:27	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:27	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:27	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:27	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0509-S1 (092717) **Lab ID: 50180760023** Collected: 09/27/17 14:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:27	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 03:27	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 03:27	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 03:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0501-S1 (092717) **Lab ID: 50180760024** Collected: 09/27/17 15:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 03:59	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 03:59	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 03:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 03:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 03:59	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 03:59	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 03:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 03:59	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 03:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 03:59	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 03:59	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 03:59	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 03:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 03:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 03:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 03:59	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 03:59	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 03:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 03:59	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 03:59	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 03:59	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 03:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 03:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 03:59	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 03:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 03:59	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 03:59	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 03:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 03:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 03:59	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 03:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 03:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 03:59	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 03:59	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0501-S1 (092717) **Lab ID: 50180760024** Collected: 09/27/17 15:00 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 03:59	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 03:59	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 03:59	460-00-4	
Toluene-d8 (S)	96	%.	86-111	1		10/06/17 03:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0603-S1 (092717) **Lab ID: 50180760025** Collected: 09/27/17 15:35 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 05:35	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 05:35	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 05:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 05:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 05:35	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 05:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 05:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 05:35	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 05:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 05:35	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 05:35	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 05:35	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 05:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 05:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 05:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 05:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 05:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 05:35	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 05:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 05:35	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 05:35	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 05:35	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 05:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 05:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 05:35	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 05:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 05:35	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 05:35	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 05:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 05:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 05:35	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 05:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 05:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 05:35	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 05:35	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0603-S1 (092717) **Lab ID: 50180760025** Collected: 09/27/17 15:35 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 05:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 05:35	1868-53-7	
4-Bromofluorobenzene (S)	95	%.	84-113	1		10/06/17 05:35	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/06/17 05:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0516-S1 (092717) **Lab ID: 50180760026** Collected: 09/27/17 15:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 06:07	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 06:07	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 06:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 06:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 06:07	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 06:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 06:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 06:07	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 06:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 06:07	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 06:07	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 06:07	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 06:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 06:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 06:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 06:07	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 06:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 06:07	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 06:07	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 06:07	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 06:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 06:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 06:07	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 06:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 06:07	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 06:07	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 06:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:07	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 06:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 06:07	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 06:07	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0516-S1 (092717) **Lab ID: 50180760026** Collected: 09/27/17 15:45 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 06:07	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 06:07	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	84-113	1		10/06/17 06:07	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 06:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0618-S1 (092717) **Lab ID: 50180760027** Collected: 09/27/17 15:58 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 06:40	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 06:40	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 06:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 06:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 06:40	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 06:40	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 06:40	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 06:40	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 06:40	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 06:40	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 06:40	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 06:40	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 06:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 06:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 06:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 06:40	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 06:40	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 06:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 06:40	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 06:40	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 06:40	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 06:40	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 06:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 06:40	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 06:40	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 06:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 06:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 06:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 06:40	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 06:40	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0618-S1 (092717) **Lab ID: 50180760027** Collected: 09/27/17 15:58 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 06:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	98	%.	86-116	1		10/06/17 06:40	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/06/17 06:40	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 06:40	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0613-S1 (092717) **Lab ID: 50180760028** Collected: 09/27/17 16:06 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:12	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 07:12	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:12	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:12	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:12	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:12	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 07:12	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:12	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 07:12	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:12	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:12	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:12	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:12	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:12	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:12	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:12	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:12	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:12	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:12	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:12	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:12	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0613-S1 (092717) **Lab ID: 50180760028** Collected: 09/27/17 16:06 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/06/17 07:12	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 07:12	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 07:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-2 (092717) **Lab ID: 50180760029** Collected: 09/27/17 16:10 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 07:44	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 07:44	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 07:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 07:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 07:44	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 07:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 07:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 07:44	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 07:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 07:44	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 07:44	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 07:44	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 07:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 07:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 07:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 07:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 07:44	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 07:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 07:44	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 07:44	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 07:44	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 07:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 07:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 07:44	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 07:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 07:44	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 07:44	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 07:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 07:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 07:44	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 07:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 07:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 07:44	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 07:44	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: EB-2 (092717) **Lab ID: 50180760029** Collected: 09/27/17 16:10 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 07:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	86-116	1		10/06/17 07:44	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/06/17 07:44	460-00-4	
Toluene-d8 (S)	101	%.	86-111	1		10/06/17 07:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0607-S1 (092717) **Lab ID: 50180760030** Collected: 09/27/17 16:20 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 08:16	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 08:16	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 08:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 08:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 08:16	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 08:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 08:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 08:16	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 08:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 08:16	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 08:16	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 08:16	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 08:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 08:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 08:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 08:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 08:16	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 08:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 08:16	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 08:16	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 08:16	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 08:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 08:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 08:16	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 08:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 08:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 08:16	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 08:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 08:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 08:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/06/17 08:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 08:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 08:16	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 08:16	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0607-S1 (092717) **Lab ID: 50180760030** Collected: 09/27/17 16:20 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 08:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 08:16	1868-53-7	
4-Bromofluorobenzene (S)	92	%.	84-113	1		10/06/17 08:16	460-00-4	
Toluene-d8 (S)	97	%.	86-111	1		10/06/17 08:16	2037-26-5	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0612-S1 (092717) **Lab ID: 50180760031** Collected: 09/27/17 16:28 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 08:48	67-64-1	UJ
Benzene	ND	ug/L	25.0	5		10/06/17 08:48	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 08:48	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 08:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 08:48	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 08:48	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 08:48	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 08:48	75-00-3	UJ
Chloroform	ND	ug/L	25.0	5		10/06/17 08:48	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 08:48	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 08:48	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 08:48	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 08:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 08:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 08:48	75-35-4	
cis-1,2-Dichloroethene	**100**	ug/L	25.0	5		10/06/17 08:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	5		10/06/17 08:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 08:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 08:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 08:48	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 08:48	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 08:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 08:48	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 08:48	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 08:48	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 08:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 08:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 08:48	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 08:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 08:48	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 08:48	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 08:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 08:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 08:48	79-00-5	
Trichloroethene	**674**	ug/L	25.0	5		10/06/17 08:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 08:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 08:48	76-13-1	
Vinyl chloride	ND	ug/L	10.0	5		10/06/17 08:48	75-01-4	

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(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0612-S1 (092717) **Lab ID: 50180760031** Collected: 09/27/17 16:28 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 08:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	5		10/06/17 08:48	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	5		10/06/17 08:48	460-00-4	
Toluene-d8 (S)	100	%.	86-111	5		10/06/17 08:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0606-S1 (092717) **Lab ID: 50180760032** Collected: 09/27/17 16:36 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/06/17 09:20	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/06/17 09:20	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/06/17 09:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/06/17 09:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/06/17 09:20	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/06/17 09:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/06/17 09:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/06/17 09:20	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/06/17 09:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/06/17 09:20	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/06/17 09:20	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/06/17 09:20	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/06/17 09:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/06/17 09:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	5.0	1		10/06/17 09:20	75-35-4	
cis-1,2-Dichloroethene	**250**	ug/L	5.0	1		10/06/17 09:20	156-59-2	
trans-1,2-Dichloroethene	**51.0**	ug/L	5.0	1		10/06/17 09:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/06/17 09:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/06/17 09:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/06/17 09:20	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/06/17 09:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/06/17 09:20	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/06/17 09:20	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/06/17 09:20	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/06/17 09:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/06/17 09:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/06/17 09:20	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/06/17 09:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/06/17 09:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/06/17 09:20	127-18-4	
Toluene	ND	ug/L	5.0	1		10/06/17 09:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/06/17 09:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/06/17 09:20	79-00-5	
Trichloroethene	**1470**	ug/L	125	25		10/10/17 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/06/17 09:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/06/17 09:20	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/06/17 09:20	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0606-S1 (092717) **Lab ID: 50180760032** Collected: 09/27/17 16:36 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/06/17 09:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/06/17 09:20	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/06/17 09:20	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/06/17 09:20	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0704-S1 (092717) **Lab ID: 50180760033** Collected: 09/27/17 16:43 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	5		10/06/17 09:52	67-64-1	UJ
Benzene	ND	ug/L	25.0	5		10/06/17 09:52	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-27-4	
Bromoform	ND	ug/L	25.0	5		10/06/17 09:52	75-25-2	
Bromomethane	ND	ug/L	25.0	5		10/06/17 09:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	5		10/06/17 09:52	78-93-3	
Carbon disulfide	ND	ug/L	50.0	5		10/06/17 09:52	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	5		10/06/17 09:52	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	108-90-7	
Chloroethane	ND	ug/L	25.0	5		10/06/17 09:52	75-00-3	UJ
Chloroform	ND	ug/L	25.0	5		10/06/17 09:52	67-66-3	
Chloromethane	ND	ug/L	25.0	5		10/06/17 09:52	74-87-3	
Cyclohexane	ND	ug/L	500	5		10/06/17 09:52	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	5		10/06/17 09:52	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5		10/06/17 09:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	5		10/06/17 09:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	107-06-2	UJ
1,1-Dichloroethene	ND	ug/L	25.0	5		10/06/17 09:52	75-35-4	
cis-1,2-Dichloroethene	**614**	ug/L	25.0	5		10/06/17 09:52	156-59-2	
trans-1,2-Dichloroethene	**83.0**	ug/L	25.0	5		10/06/17 09:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	5		10/06/17 09:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 09:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	5		10/06/17 09:52	10061-02-6	
Ethylbenzene	ND	ug/L	25.0	5		10/06/17 09:52	100-41-4	
2-Hexanone	ND	ug/L	125	5		10/06/17 09:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	25.0	5		10/06/17 09:52	98-82-8	
Methyl acetate	ND	ug/L	250	5		10/06/17 09:52	79-20-9	N2
Methylcyclohexane	ND	ug/L	250	5		10/06/17 09:52	108-87-2	N2
Methylene Chloride	ND	ug/L	25.0	5		10/06/17 09:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	5		10/06/17 09:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	5		10/06/17 09:52	1634-04-4	
Styrene	ND	ug/L	25.0	5		10/06/17 09:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5		10/06/17 09:52	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	5		10/06/17 09:52	127-18-4	
Toluene	ND	ug/L	25.0	5		10/06/17 09:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	5		10/06/17 09:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	5		10/06/17 09:52	79-00-5	
Trichloroethene	**2150**	ug/L	250	50		10/10/17 19:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5		10/06/17 09:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	25.0	5		10/06/17 09:52	76-13-1	
Vinyl chloride	ND	ug/L	10.0	5		10/06/17 09:52	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0704-S1 (092717) **Lab ID: 50180760033** Collected: 09/27/17 16:43 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	50.0	5		10/06/17 09:52	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	5		10/06/17 09:52	1868-53-7	D4
4-Bromofluorobenzene (S)	94	%.	84-113	5		10/06/17 09:52	460-00-4	
Toluene-d8 (S)	98	%.	86-111	5		10/06/17 09:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0705-S1 (092717) **Lab ID: 50180760034** Collected: 09/27/17 16:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 14:01	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 14:01	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 14:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 14:01	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 14:01	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 14:01	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 14:01	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 14:01	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 14:01	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 14:01	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 14:01	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 14:01	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 14:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 14:01	75-35-4	
cis-1,2-Dichloroethene	**39.1**	ug/L	5.0	1		10/10/17 14:01	156-59-2	
trans-1,2-Dichloroethene	**10.1**	ug/L	5.0	1		10/10/17 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 14:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:01	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 14:01	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 14:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 14:01	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 14:01	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 14:01	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 14:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 14:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 14:01	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 14:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 14:01	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 14:01	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 14:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:01	79-00-5	
Trichloroethene	**107**	ug/L	5.0	1		10/10/17 14:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 14:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 14:01	76-13-1	
Vinyl chloride	**3.3**	ug/L	2.0	1		10/10/17 14:01	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0705-S1 (092717) **Lab ID: 50180760034** Collected: 09/27/17 16:51 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 14:01	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 14:01	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 14:01	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 14:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0608-S1 (092717) **Lab ID: 50180760035** Collected: 09/27/17 16:59 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 14:33	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 14:33	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 14:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 14:33	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 14:33	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 14:33	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 14:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 14:33	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 14:33	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 14:33	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 14:33	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 14:33	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 14:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 14:33	75-35-4	
cis-1,2-Dichloroethene	**427**	ug/L	25.0	5		10/10/17 20:24	156-59-2	
trans-1,2-Dichloroethene	**44.0**	ug/L	5.0	1		10/10/17 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 14:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 14:33	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 14:33	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 14:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 14:33	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 14:33	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 14:33	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 14:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 14:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 14:33	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 14:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 14:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 14:33	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 14:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 14:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 14:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 14:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 14:33	76-13-1	
Vinyl chloride	**5.1**	ug/L	2.0	1		10/10/17 14:33	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0608-S1 (092717) **Lab ID: 50180760035** Collected: 09/27/17 16:59 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 14:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/10/17 14:33	1868-53-7	
4-Bromofluorobenzene (S)	93	%.	84-113	1		10/10/17 14:33	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/10/17 14:33	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0609-S1 (092717) **Lab ID: 50180760036** Collected: 09/27/17 17:08 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 15:05	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 15:05	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 15:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 15:05	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 15:05	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 15:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 15:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 15:05	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 15:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 15:05	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 15:05	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 15:05	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 15:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:05	75-35-4	
cis-1,2-Dichloroethene	**147**	ug/L	5.0	1		10/10/17 15:05	156-59-2	
trans-1,2-Dichloroethene	**8.1**	ug/L	5.0	1		10/10/17 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 15:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 15:05	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 15:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 15:05	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 15:05	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 15:05	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 15:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 15:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 15:05	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 15:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 15:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 15:05	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 15:05	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 15:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 15:05	76-13-1	
Vinyl chloride	**15.0**	ug/L	2.0	1		10/10/17 15:05	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0609-S1 (092717) **Lab ID: 50180760036** Collected: 09/27/17 17:08 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 15:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 15:05	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/10/17 15:05	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 15:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0610-S1 (092717) **Lab ID: 50180760037** Collected: 09/27/17 17:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 15:37	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 15:37	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 15:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 15:37	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 15:37	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 15:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 15:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 15:37	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 15:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 15:37	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 15:37	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 15:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 15:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 15:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 15:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 15:37	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 15:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 15:37	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 15:37	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 15:37	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 15:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 15:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 15:37	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 15:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 15:37	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 15:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 15:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 15:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 15:37	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 15:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0610-S1 (092717) **Lab ID: 50180760037** Collected: 09/27/17 17:21 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 15:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	95	%.	86-116	1		10/10/17 15:37	1868-53-7	
4-Bromofluorobenzene (S)	94	%.	84-113	1		10/10/17 15:37	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 15:37	2037-26-5	

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Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0602-S1 (092717) **Lab ID: 50180760038** Collected: 09/27/17 17:29 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/10/17 16:09	67-64-1	UJ
Benzene	ND	ug/L	5.0	1		10/10/17 16:09	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/10/17 16:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/10/17 16:09	74-83-9	UJ
2-Butanone (MEK)	ND	ug/L	25.0	1		10/10/17 16:09	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/10/17 16:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/10/17 16:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/10/17 16:09	75-00-3	UJ
Chloroform	ND	ug/L	5.0	1		10/10/17 16:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/10/17 16:09	74-87-3	UJ
Cyclohexane	ND	ug/L	100	1		10/10/17 16:09	110-82-7	N2 UJ
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/10/17 16:09	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/10/17 16:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/10/17 16:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/10/17 16:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/10/17 16:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/10/17 16:09	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/10/17 16:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/10/17 16:09	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/10/17 16:09	79-20-9	N2
Methylcyclohexane	ND	ug/L	50.0	1		10/10/17 16:09	108-87-2	N2 UJ
Methylene Chloride	ND	ug/L	5.0	1		10/10/17 16:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/10/17 16:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/10/17 16:09	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/10/17 16:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/10/17 16:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/10/17 16:09	127-18-4	
Toluene	ND	ug/L	5.0	1		10/10/17 16:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/10/17 16:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/10/17 16:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/10/17 16:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/10/17 16:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/10/17 16:09	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/10/17 16:09	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Kokomo Racer
Pace Project No.: 50180760

Sample: MW-0602-S1 (092717) **Lab ID: 50180760038** Collected: 09/27/17 17:29 Received: 09/28/17 07:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/10/17 16:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	94	%.	86-116	1		10/10/17 16:09	1868-53-7	
4-Bromofluorobenzene (S)	91	%.	84-113	1		10/10/17 16:09	460-00-4	
Toluene-d8 (S)	99	%.	86-111	1		10/10/17 16:09	2037-26-5	

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

2174458

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Arcadis	Report To: Sarah Jonker	Attention:
Address: 150 W. Market St, Ste. 728 Indianapolis, IN 46204	Copy To: Matt Giles	Company Name:
		Address:
Email To: sarah.jonker@arcadis.com	Purchase Order No.: IN000884.2017.00006	Pace Quote Reference:
Phone: (317) 231-6500 Fax: (317) 231-6514	Project Name: Racer Rokomo	Pace Project Manager:
Requested Due Date/TAT:	Project Number: IN000884.2017.00006	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: IN

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	VOC 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-06II-SI(101117)LF		WG	G			10/11/17	1142		3				X						X		001
2	TB-1(101117)-BC		WG	G			↓	—		3				X						X		002
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

5018834

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10/11/17	1445		10/11/17	1445	0.8	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Brian Lesky
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/11/17

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: MW-0611-S1 (101117) LF **Lab ID: 50181834001** Collected: 10/11/17 11:42 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/18/17 14:10	67-64-1	
Benzene	ND	ug/L	5.0	1		10/18/17 14:10	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/18/17 14:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/18/17 14:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/18/17 14:10	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/18/17 14:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/18/17 14:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/18/17 14:10	75-00-3	~~L1~~
Chloroform	ND	ug/L	5.0	1		10/18/17 14:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/18/17 14:10	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/18/17 14:10	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/18/17 14:10	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/18/17 14:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/18/17 14:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-71-8	UJ
1,1-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/18/17 14:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/18/17 14:10	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/18/17 14:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/18/17 14:10	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/18/17 14:10	79-20-9	~~L1~~,N2 UJ
Methylcyclohexane	ND	ug/L	50.0	1		10/18/17 14:10	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/18/17 14:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/18/17 14:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/18/17 14:10	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/18/17 14:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/18/17 14:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/18/17 14:10	127-18-4	
Toluene	ND	ug/L	5.0	1		10/18/17 14:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/18/17 14:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/18/17 14:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/18/17 14:10	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/18/17 14:10	75-01-4	

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Pace Analytical Services, LLC
7726 Moller Road
Indianapolis, IN 46268
(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: MW-0611-S1 (101117) LF **Lab ID: 50181834001** Collected: 10/11/17 11:42 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/18/17 14:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%.	86-116	1		10/18/17 14:10	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	84-113	1		10/18/17 14:10	460-00-4	
Toluene-d8 (S)	98	%.	86-111	1		10/18/17 14:10	2037-26-5	

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(317)228-3100

ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: TB-1 (101117) -BC **Lab ID: 50181834002** Collected: 10/11/17 08:00 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		10/18/17 14:45	67-64-1	
Benzene	ND	ug/L	5.0	1		10/18/17 14:45	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		10/18/17 14:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		10/18/17 14:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		10/18/17 14:45	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		10/18/17 14:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		10/18/17 14:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		10/18/17 14:45	75-00-3	~~L1~~
Chloroform	ND	ug/L	5.0	1		10/18/17 14:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		10/18/17 14:45	74-87-3	
Cyclohexane	ND	ug/L	100	1		10/18/17 14:45	110-82-7	N2
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1		10/18/17 14:45	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		10/18/17 14:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		10/18/17 14:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-71-8	UJ
1,1-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		10/18/17 14:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		10/18/17 14:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		10/18/17 14:45	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		10/18/17 14:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		10/18/17 14:45	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		10/18/17 14:45	79-20-9	~~L1~~,N2 UJ
Methylcyclohexane	ND	ug/L	50.0	1		10/18/17 14:45	108-87-2	N2
Methylene Chloride	ND	ug/L	5.0	1		10/18/17 14:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		10/18/17 14:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		10/18/17 14:45	1634-04-4	
Styrene	ND	ug/L	5.0	1		10/18/17 14:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		10/18/17 14:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		10/18/17 14:45	127-18-4	
Toluene	ND	ug/L	5.0	1		10/18/17 14:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		10/18/17 14:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		10/18/17 14:45	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		10/18/17 14:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		10/18/17 14:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		10/18/17 14:45	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		10/18/17 14:45	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Racer Kokomo
Pace Project No.: 50181834

Sample: TB-1 (101117) -BC **Lab ID: 50181834002** Collected: 10/11/17 08:00 Received: 10/11/17 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Xylene (Total)	ND	ug/L	10.0	1		10/18/17 14:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	86-116	1		10/18/17 14:45	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	84-113	1		10/18/17 14:45	460-00-4	
Toluene-d8 (S)	102	%.	86-111	1		10/18/17 14:45	2037-26-5	

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