

ANALYTICAL REPORT

Job Number: 460-44505-1

Job Description: FORMER GM

For:

Conestoga-Rovers & Associates, Inc.
268 Main Street, Suite 600
Buffalo, NY 14202
Attention: Chris Barton



Approved for release.
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Project Manager I
9/20/2012 11:58 AM

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09/20/2012

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: FORMER GM

Report Number: 460-44505-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 09/12/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-44505-1 through 460-44505-10 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/17/2012 and 09/18/2012.

The matrix spike and / or matrix spike duplicate (MS/MSD) recoveries for Acetone, 2-Butanone, Benzene, and 1,2-Dibromo-3-chloropropane were outside control limits in batch 128185. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Sample 460-44505-9(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-44505-1	WG-17338-091112-VAS9-MM-23 8	Water	09/11/2012 1020	09/12/2012 2010
460-44505-2	WG-17338-091112-VAS9-MM-23 9	Water	09/11/2012 1030	09/12/2012 2010
460-44505-3	WG-17338-091112-VAS9-MM-24 0	Water	09/11/2012 1045	09/12/2012 2010
460-44505-4	WG-17338-091112-VAS9-MM-24 1	Water	09/11/2012 1105	09/12/2012 2010
460-44505-5	WG-17338-091112-DUP-MM-24 2	Water	09/11/2012 1230	09/12/2012 2010
460-44505-6	WG-17338-091112-VAS10-MM-2 43	Water	09/11/2012 1345	09/12/2012 2010
460-44505-7	WG-17338-091112-VAS10-MM-2 44	Water	09/11/2012 1405	09/12/2012 2010
460-44505-8	WG-17338-091112-VAS10-MM-2 45	Water	09/11/2012 1425	09/12/2012 2010
460-44505-8MS	WG-17338-091112-VAS10-MM-2 45	Water	09/11/2012 1425	09/12/2012 2010
460-44505-8MSD	WG-17338-091112-VAS10-MM-2 45	Water	09/11/2012 1425	09/12/2012 2010
460-44505-9	WG-17338-091112-VAS10-MM-2 46	Water	09/11/2012 1440	09/12/2012 2010
460-44505-10	TB-17338-091212-MM-247	Water	09/12/2012 0000	09/12/2012 2010

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44505-1 WG-17338-091112-VAS9-MM-238						
Methyl tert-butyl ether		0.53	J	1.0	ug/L	8260B
Chloroform		2.5		1.0	ug/L	8260B
Ethylbenzene		0.82	J	1.0	ug/L	8260B
Cyclohexane		150		1.0	ug/L	8260B
Carbon tetrachloride		0.18	J	1.0	ug/L	8260B
Benzene		350		1.0	ug/L	8260B
1,2-Dichloroethane		6.1		1.0	ug/L	8260B
Trichloroethene		0.33	J	1.0	ug/L	8260B
Methylcyclohexane		56		1.0	ug/L	8260B
Toluene		2.8		1.0	ug/L	8260B
Xylenes, Total		7.2		3.0	ug/L	8260B
Isopropylbenzene		27		1.0	ug/L	8260B
460-44505-2 WG-17338-091112-VAS9-MM-239						
Methyl tert-butyl ether		0.25	J	1.0	ug/L	8260B
Ethylbenzene		0.52	J	1.0	ug/L	8260B
Cyclohexane		150		1.0	ug/L	8260B
Carbon tetrachloride		0.074	J	1.0	ug/L	8260B
Benzene		250		1.0	ug/L	8260B
1,2-Dichloroethane		3.5		1.0	ug/L	8260B
Trichloroethene		0.27	J	1.0	ug/L	8260B
Methylcyclohexane		60		1.0	ug/L	8260B
Toluene		2.1		1.0	ug/L	8260B
Xylenes, Total		4.3		3.0	ug/L	8260B
Isopropylbenzene		38		1.0	ug/L	8260B
460-44505-3 WG-17338-091112-VAS9-MM-240						
1,2-Dichlorobenzene		0.30	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.41	J	1.0	ug/L	8260B
Ethylbenzene		2.2		1.0	ug/L	8260B
Cyclohexane		190		1.0	ug/L	8260B
Benzene		330		1.0	ug/L	8260B
1,2-Dichloroethane		4.3		1.0	ug/L	8260B
Trichloroethene		0.37	J	1.0	ug/L	8260B
Methylcyclohexane		68		1.0	ug/L	8260B
Toluene		9.6		1.0	ug/L	8260B
Tetrachloroethene		0.15	J	1.0	ug/L	8260B
Xylenes, Total		6.9		3.0	ug/L	8260B
Styrene		0.86	J	1.0	ug/L	8260B
Isopropylbenzene		36		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44505-4	WG-17338-091112-VAS9-MM-241					
1,2-Dichlorobenzene		0.99	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.30	J	1.0	ug/L	8260B
Ethylbenzene		4.5		1.0	ug/L	8260B
Cyclohexane		150		1.0	ug/L	8260B
Benzene		350		1.0	ug/L	8260B
1,2-Dichloroethane		3.0		1.0	ug/L	8260B
Trichloroethene		0.35	J	1.0	ug/L	8260B
Methylcyclohexane		50		1.0	ug/L	8260B
Toluene		24		1.0	ug/L	8260B
Tetrachloroethene		0.36	J	1.0	ug/L	8260B
Chlorobenzene		0.14	J	1.0	ug/L	8260B
Xylenes, Total		4.1		3.0	ug/L	8260B
Styrene		0.38	J	1.0	ug/L	8260B
Isopropylbenzene		29		1.0	ug/L	8260B
460-44505-5	WG-17338-091112-DUP-MM-242					
1,2-Dichlorobenzene		0.99	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.31	J	1.0	ug/L	8260B
Ethylbenzene		4.6		1.0	ug/L	8260B
Cyclohexane		160		1.0	ug/L	8260B
Benzene		350		1.0	ug/L	8260B
1,2-Dichloroethane		2.9		1.0	ug/L	8260B
Trichloroethene		0.29	J	1.0	ug/L	8260B
Methylcyclohexane		52		1.0	ug/L	8260B
Toluene		24		1.0	ug/L	8260B
Tetrachloroethene		0.40	J	1.0	ug/L	8260B
2-Hexanone		15		5.0	ug/L	8260B
Chlorobenzene		0.13	J	1.0	ug/L	8260B
Xylenes, Total		4.2		3.0	ug/L	8260B
Styrene		0.39	J	1.0	ug/L	8260B
Isopropylbenzene		30		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44505-6	WG-17338-091112-VAS10-MM-243					
1,1-Dichloroethene		0.14	J	1.0	ug/L	8260B
1,2-Dichloropropane		0.099	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.35	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.21	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
Chloroform		24		1.0	ug/L	8260B
Ethylbenzene		0.11	J	1.0	ug/L	8260B
Cyclohexane		2.1		1.0	ug/L	8260B
Carbon tetrachloride		13		1.0	ug/L	8260B
Benzene		260		1.0	ug/L	8260B
1,2-Dichloroethane		7.3		1.0	ug/L	8260B
Trichloroethene		9.5		1.0	ug/L	8260B
Toluene		0.28	J	1.0	ug/L	8260B
Tetrachloroethene		0.62	J	1.0	ug/L	8260B
Xylenes, Total		0.67	J	3.0	ug/L	8260B
Isopropylbenzene		0.82	J	1.0	ug/L	8260B
460-44505-7	WG-17338-091112-VAS10-MM-244					
1,1-Dichloroethene		0.13	J	1.0	ug/L	8260B
1,2-Dichloropropane		0.12	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.39	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.21	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.92	J	1.0	ug/L	8260B
Chloroform		21		1.0	ug/L	8260B
Ethylbenzene		0.12	J	1.0	ug/L	8260B
Cyclohexane		7.8		1.0	ug/L	8260B
Carbon tetrachloride		11		1.0	ug/L	8260B
Benzene		360		1.0	ug/L	8260B
1,2-Dichloroethane		9.4		1.0	ug/L	8260B
Trichloroethene		8.8		1.0	ug/L	8260B
Methylcyclohexane		1.1		1.0	ug/L	8260B
Toluene		0.37	J	1.0	ug/L	8260B
Tetrachloroethene		0.68	J	1.0	ug/L	8260B
Xylenes, Total		0.87	J	3.0	ug/L	8260B
Isopropylbenzene		1.3		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44505-8	WG-17338-091112-VAS10-MM-245					
1,2-Dichloropropane		0.19	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.48	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.23	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.61	J	1.0	ug/L	8260B
Chloroform		15		1.0	ug/L	8260B
Ethylbenzene		0.12	J	1.0	ug/L	8260B
Cyclohexane		9.6		1.0	ug/L	8260B
Carbon tetrachloride		3.0		1.0	ug/L	8260B
Benzene		450		1.0	ug/L	8260B
1,2-Dichloroethane		15		1.0	ug/L	8260B
Trichloroethene		5.6		1.0	ug/L	8260B
Methylcyclohexane		1.5		1.0	ug/L	8260B
Toluene		0.47	J	1.0	ug/L	8260B
Tetrachloroethene		0.64	J	1.0	ug/L	8260B
Xylenes, Total		1.3	J	3.0	ug/L	8260B
Isopropylbenzene		2.4		1.0	ug/L	8260B
460-44505-9	WG-17338-091112-VAS10-MM-246					
1,2-Dichlorobenzene		0.32	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.71	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.29	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
Chloroform		6.5		1.0	ug/L	8260B
Ethylbenzene		0.12	J	1.0	ug/L	8260B
Cyclohexane		76		1.0	ug/L	8260B
Carbon tetrachloride		0.34	J	1.0	ug/L	8260B
Benzene		770	D	5.0	ug/L	8260B
1,2-Dichloroethane		21		1.0	ug/L	8260B
Trichloroethene		1.9		1.0	ug/L	8260B
Methylcyclohexane		23		1.0	ug/L	8260B
Toluene		0.73	J	1.0	ug/L	8260B
Tetrachloroethene		0.62	J	1.0	ug/L	8260B
Xylenes, Total		3.6		3.0	ug/L	8260B
Isopropylbenzene		13		1.0	ug/L	8260B
460-44505-10	TB-17338-091212-MM-247					
Acetone		14		5.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Method	Analyst	Analyst ID
SW846 8260B	Tupayachi, Audberto	AT

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-238

Lab Sample ID: 460-44505-1

Date Sampled: 09/11/2012 1020

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07856.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1307			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.53	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	2.5		0.080	1.0
Ethylbenzene	0.82	J	0.10	1.0
Cyclohexane	150		0.16	1.0
Carbon tetrachloride	0.18	J	0.060	1.0
Benzene	350		0.080	1.0
1,2-Dichloroethane	6.1		0.19	1.0
Trichloroethene	0.33	J	0.090	1.0
Methylcyclohexane	56		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	2.8		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	7.2		0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	27		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-238

Lab Sample ID: 460-44505-1

Date Sampled: 09/11/2012 1020

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07856.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1307			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-238

Lab Sample ID: 460-44505-1

Date Sampled: 09/11/2012 1020

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07856.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1307			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1307				

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.99	480	J
	C5H12 Alkane	1.20	500	J
	C5H12 Alkane-1	1.30	85	J
	C5H10 Cycloalkane	1.36	48	J
	C5H10 Cycloalkane-1	1.74	300	J
	C6H14 Alkane	1.86	66	J
	C6H12 Cycloalkane	2.35	170	J
	C6H10 Cycloalkene	3.12	51	J
	C10H12 Aromatic	11.66	42	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-239

Lab Sample ID: 460-44505-2

Date Sampled: 09/11/2012 1030

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07857.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1331			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1331				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.25	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.52	J	0.10	1.0
Cyclohexane	150		0.16	1.0
Carbon tetrachloride	0.074	J	0.060	1.0
Benzene	250		0.080	1.0
1,2-Dichloroethane	3.5		0.19	1.0
Trichloroethene	0.27	J	0.090	1.0
Methylcyclohexane	60		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	2.1		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	4.3		0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	38		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-239

Lab Sample ID: 460-44505-2

Date Sampled: 09/11/2012 1030

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07857.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1331			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1331				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-239

Lab Sample ID: 460-44505-2

Date Sampled: 09/11/2012 1030

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07857.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1331			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1331				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.94	32	J
	C4H10 Alkane-1	0.99	350	J
	C5H12 Alkane	1.21	460	J
	C5H12 Alkane-1	1.30	45	J
	C6H14 Alkane	1.74	240	J
	C6H14 Alkane-1	1.86	63	J
	C6H12 Cycloalkane	2.35	120	J
	C6H10 Cycloalkene	3.12	44	J
	C10H14 Aromatic	11.59	33	J
	C10H12 Aromatic	11.67	61	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-240

Lab Sample ID: 460-44505-3

Date Sampled: 09/11/2012 1045

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07858.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1354			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.30	J	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.41	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	2.2		0.10	1.0
Cyclohexane	190		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	330		0.080	1.0
1,2-Dichloroethane	4.3		0.19	1.0
Trichloroethene	0.37	J	0.090	1.0
Methylcyclohexane	68		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	9.6		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.15	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	6.9		0.36	3.0
Styrene	0.86	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	36		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-240

Lab Sample ID: 460-44505-3

Date Sampled: 09/11/2012 1045

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07858.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1354			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-240

Lab Sample ID: 460-44505-3

Date Sampled: 09/11/2012 1045

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07858.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1354			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1354				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.99	330	J
	C5H12 Alkane	1.20	350	J
	C5H12 Alkane-1	1.30	68	J
	C5H10 Alkene	1.37	46	J
	C5H10 Cycloalkane	1.74	240	J
	C6H14 Alkane	1.86	46	J
	C6H10 Cycloalkene	2.22	52	J
	C6H12 Cycloalkane	2.35	130	J
	C6H10 Cycloalkene-1	3.12	52	J
	C10H12 Aromatic	11.67	53	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-241

Lab Sample ID: 460-44505-4

Date Sampled: 09/11/2012 1105

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07859.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1417			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1417				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.99	J	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.30	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	4.5		0.10	1.0
Cyclohexane	150		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	350		0.080	1.0
1,2-Dichloroethane	3.0		0.19	1.0
Trichloroethene	0.35	J	0.090	1.0
Methylcyclohexane	50		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	24		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.36	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.14	J	0.11	1.0
Xylenes, Total	4.1		0.36	3.0
Styrene	0.38	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	29		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-241

Lab Sample ID: 460-44505-4

Date Sampled: 09/11/2012 1105

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07859.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1417			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1417				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene	100		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS9-MM-241

Lab Sample ID: 460-44505-4

Date Sampled: 09/11/2012 1105

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07859.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1417			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1417				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.99	290	J
	C5H12 Alkane	1.21	290	J
	C5H8 Cycloalkene	1.71	89	J
	C5H10 Cycloalkane	1.74	210	J
	C6H10 Cycloalkene	2.22	53	J
	C6H12 Cycloalkane	2.35	150	J
	C6H10 Cycloalkene-1	3.12	69	J
	Unknown	3.56	45	J
	C10H12 Aromatic	11.66	40	J
91-20-3	Naphthalene	13.28	45	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-DUP-MM-242

Lab Sample ID: 460-44505-5

Date Sampled: 09/11/2012 1230

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07860.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1441			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.99	J	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.31	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	4.6		0.10	1.0
Cyclohexane	160		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	350		0.080	1.0
1,2-Dichloroethane	2.9		0.19	1.0
Trichloroethene	0.29	J	0.090	1.0
Methylcyclohexane	52		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	24		0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.40	J	0.10	1.0
2-Hexanone	15		0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.13	J	0.11	1.0
Xylenes, Total	4.2		0.36	3.0
Styrene	0.39	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	30		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-DUP-MM-242

Lab Sample ID: 460-44505-5

Date Sampled: 09/11/2012 1230

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07860.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1441			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-DUP-MM-242

Lab Sample ID: 460-44505-5

Date Sampled: 09/11/2012 1230

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07860.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1441			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1441				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.99	300	J
	C5H12 Alkane	1.20	300	J
	C5H8 Cycloalkene	1.71	92	J
	C5H10 Cycloalkane	1.74	210	J
	C6H10 Cycloalkene	2.22	54	J
	C6H12 Cycloalkane	2.35	170	J
	C6H10 Cycloalkene-1	3.12	70	J
	Unknown	3.56	60	J
	Unknown Alcohol	5.20	52	J
91-20-3	Naphthalene	13.28	46	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-243

Lab Sample ID: 460-44505-6

Date Sampled: 09/11/2012 1345

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07852.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1134			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.14	J	0.090	1.0
1,2-Dichloropropane	0.099	J	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.35	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.21	J	0.13	1.0
cis-1,2-Dichloroethene	1.2		0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	24		0.080	1.0
Ethylbenzene	0.11	J	0.10	1.0
Cyclohexane	2.1		0.16	1.0
Carbon tetrachloride	13		0.060	1.0
Benzene	260		0.080	1.0
1,2-Dichloroethane	7.3		0.19	1.0
Trichloroethene	9.5		0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.28	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.62	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.67	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.82	J	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-243

Lab Sample ID: 460-44505-6

Date Sampled: 09/11/2012 1345

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07852.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1134			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
4-Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-243

Lab Sample ID: 460-44505-6

Date Sampled: 09/11/2012 1345

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-128076

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e07852.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/17/2012 1134

Final Weight/Volume: 5 mL

Prep Date: 09/17/2012 1134

Tentatively Identified Compounds**Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.94	5.1	J
	C4H10 Alkane-1	0.99	44	J
	C5H12 Alkane	1.20	29	J
	C5H10 Cycloalkane	1.74	8.1	J
108-20-3	Diisopropyl ether	2.24	8.1	J N
91-20-3	Naphthalene	13.27	8.0	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-244

Lab Sample ID: 460-44505-7

Date Sampled: 09/11/2012 1405

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07853.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1157			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.13	J	0.090	1.0
1,2-Dichloropropane	0.12	J	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.39	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.21	J	0.13	1.0
cis-1,2-Dichloroethene	0.92	J	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	21		0.080	1.0
Ethylbenzene	0.12	J	0.10	1.0
Cyclohexane	7.8		0.16	1.0
Carbon tetrachloride	11		0.060	1.0
Benzene	360		0.080	1.0
1,2-Dichloroethane	9.4		0.19	1.0
Trichloroethene	8.8		0.090	1.0
Methylcyclohexane	1.1		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.37	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.68	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.87	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	1.3		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-244

Lab Sample ID: 460-44505-7

Date Sampled: 09/11/2012 1405

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07853.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1157			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
4-Bromofluorobenzene	99		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-244

Lab Sample ID: 460-44505-7

Date Sampled: 09/11/2012 1405

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07853.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1157			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1157				

Tentatively Identified Compounds**Number TIC's Found: 7**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.94	8.5	J
	C4H10 Alkane-1	1.00	98	J
	C5H12 Alkane	1.20	57	J
	C5H10 Cycloalkane	1.75	21	J
108-20-3	Diisopropyl ether	2.24	13	J N
	Unknown Alcohol	7.34	5.8	J
91-20-3	Naphthalene	13.28	11	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-245

Lab Sample ID: 460-44505-8

Date Sampled: 09/11/2012 1425

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07875.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 2330			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 2330				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.19	J	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.48	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.23	J	0.13	1.0
cis-1,2-Dichloroethene	0.61	J	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	15		0.080	1.0
Ethylbenzene	0.12	J	0.10	1.0
Cyclohexane	9.6		0.16	1.0
Carbon tetrachloride	3.0		0.060	1.0
Benzene	450		0.080	1.0
1,2-Dichloroethane	15		0.19	1.0
Trichloroethene	5.6		0.090	1.0
Methylcyclohexane	1.5		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.47	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.64	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	1.3	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	2.4		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-245

Lab Sample ID: 460-44505-8

Date Sampled: 09/11/2012 1425

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07875.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 2330			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 2330				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-245

Lab Sample ID: 460-44505-8

Date Sampled: 09/11/2012 1425

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07875.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 2330			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 2330				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	C4H10 Alkane-1	1.00	49	J
	C5H12 Alkane	1.20	30	J
	C5H10 Cycloalkane	1.75	16	J
	Diisopropyl ether	2.24	18	J N
	C6H12 Cycloalkane	2.35	6.6	J
	Unknown	3.56	27	J
	Unknown Alcohol	5.20	15	J
	Unknown Alcohol-1	5.54	13	J
91-20-3	Unknown Alcohol-2	7.34	5.8	J
	Naphthalene	13.29	13	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-246

Lab Sample ID: 460-44505-9

Date Sampled: 09/11/2012 1440

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07877.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 0016			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 0016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.32	J	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.71	J	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.29	J	0.13	1.0
cis-1,2-Dichloroethene	0.32	J	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	6.5		0.080	1.0
Ethylbenzene	0.12	J	0.10	1.0
Cyclohexane	76		0.16	1.0
Carbon tetrachloride	0.34	J	0.060	1.0
Benzene	530	E	0.080	1.0
1,2-Dichloroethane	21		0.19	1.0
Trichloroethene	1.9		0.090	1.0
Methylcyclohexane	23		0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.73	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.62	J	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	3.6		0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	13		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-246

Lab Sample ID: 460-44505-9

Date Sampled: 09/11/2012 1440

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07877.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 0016			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 0016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-246

Lab Sample ID: 460-44505-9

Date Sampled: 09/11/2012 1440

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07877.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 0016			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 0016				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	C4H10 Alkane-1	1.00	230	J
	C5H12 Alkane	1.21	160	J
	C5H12 Alkane-1	1.30	40	J
	C5H10 Cycloalkane	1.75	93	J
	Diisopropyl ether	2.25	25	J N
	C6H12 Cycloalkane	2.36	68	J
	Unknown	3.56	58	J
	Unknown Alcohol	5.20	25	J
	Unknown Alcohol-1	5.54	27	J
91-20-3	Naphthalene	13.29	42	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: WG-17338-091112-VAS10-MM-246

Lab Sample ID: 460-44505-9

Date Sampled: 09/11/2012 1440

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07855.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1244	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1244				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	770	D	0.40	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	D	70 - 130
4-Bromofluorobenzene	98	D	70 - 130
Toluene-d8 (Surr)	100	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: TB-17338-091212-MM-247

Lab Sample ID: 460-44505-10

Date Sampled: 09/12/2012 0000

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07851.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1111			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	14		2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: TB-17338-091212-MM-247

Lab Sample ID: 460-44505-10

Date Sampled: 09/12/2012 0000

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e07851.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1111			Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
4-Bromofluorobenzene	94		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Client Sample ID: TB-17338-091212-MM-247

Lab Sample ID: 460-44505-10

Date Sampled: 09/12/2012 0000

Client Matrix: Water

Date Received: 09/12/2012 2010

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-128076

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e07851.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 09/17/2012 1111

Final Weight/Volume: 5 mL

Prep Date: 09/17/2012 1111

Tentatively Identified Compounds

Number TIC's Found: 0

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44505-1	WG-17338-091112-V AS9-MM-238	110	101	98
460-44505-2	WG-17338-091112-V AS9-MM-239	108	100	100
460-44505-3	WG-17338-091112-V AS9-MM-240	107	98	98
460-44505-4	WG-17338-091112-V AS9-MM-241	108	100	100
460-44505-5	WG-17338-091112-D UP-MM-242	110	100	99
460-44505-6	WG-17338-091112-V AS10-MM-243	106	103	102
460-44505-7	WG-17338-091112-V AS10-MM-244	106	101	99
460-44505-8	WG-17338-091112-V AS10-MM-245	103	100	98
460-44505-9 DL	WG-17338-091112-V AS10-MM-246 DL	105D	100D	98D
460-44505-9	WG-17338-091112-V AS10-MM-246	110	103	102
460-44505-10	TB-17338-091212-M M-247	106	99	94
MB 460-128076/9		103	98	99
MB 460-128185/13		101	101	101
LCS 460-128076/8		101	101	98
LCS 460-128185/3		103	104	103
460-44505-8 MS	WG-17338-091112-V AS10-MM-245 MS	106	101	100
460-44505-8 MSD	WG-17338-091112-V AS10-MM-245 MSD	106	101	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Method Blank - Batch: 460-128076

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-128076/9
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2012 1047
Prep Date: 09/17/2012 1047
Leach Date: N/A

Analysis Batch: 460-128076
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e07850.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Method Blank - Batch: 460-128076

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-128076/9
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2012 1047
Prep Date: 09/17/2012 1047
Leach Date: N/A

Analysis Batch: 460-128076
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e07850.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Method Blank TICs- Batch: 460-128076

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Control Sample - Batch: 460-128076

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-128076/8
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2012 0937
Prep Date: 09/17/2012 0937
Leach Date: N/A

Analysis Batch: 460-128076
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e07847.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	20.8	104	74 - 128	
Dichlorodifluoromethane	20.0	21.1	105	46 - 145	
Chloromethane	20.0	22.1	111	58 - 146	
Vinyl chloride	20.0	21.5	107	61 - 144	
Bromomethane	20.0	22.7	114	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	70 - 116	
1,2-Dichlorobenzene	20.0	20.6	103	82 - 122	
Trichlorofluoromethane	20.0	21.8	109	69 - 147	
1,1-Dichloroethene	20.0	22.5	112	56 - 139	
1,2-Dichloropropane	20.0	20.5	102	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.0	120	47 - 139	
Acetone	20.0	21.4	107	45 - 156	
Carbon disulfide	20.0	22.4	112	58 - 139	
Methyl acetate	20.0	20.2	101	50 - 151	
Methylene Chloride	20.0	21.4	107	79 - 119	
trans-1,2-Dichloroethene	20.0	21.0	105	75 - 122	
Chlorodibromomethane	20.0	19.6	98	80 - 120	
Methyl tert-butyl ether	20.0	20.0	100	71 - 115	
Chloroethane	20.0	21.0	105	69 - 145	
1,1-Dichloroethane	20.0	20.3	101	78 - 122	
cis-1,2-Dichloroethene	20.0	20.4	102	80 - 120	
2-Butanone (MEK)	20.0	20.5	103	65 - 114	
Chloroform	20.0	21.4	107	82 - 123	
Ethylbenzene	20.0	21.1	105	79 - 126	
Cyclohexane	20.0	24.1	120	58 - 133	
Carbon tetrachloride	20.0	21.0	105	73 - 120	
Benzene	20.0	20.5	102	83 - 124	
1,2-Dichloroethane	20.0	20.6	103	74 - 118	
Trichloroethene	20.0	20.7	104	78 - 119	
Methylcyclohexane	20.0	24.3	122	61 - 129	
Dichlorobromomethane	20.0	20.5	103	79 - 119	
cis-1,3-Dichloropropene	20.0	20.4	102	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	20.5	102	53 - 120	
Toluene	20.0	20.6	103	80 - 120	
trans-1,3-Dichloropropene	20.0	20.3	102	78 - 118	
1,1,2-Trichloroethane	20.0	19.8	99	79 - 119	
Tetrachloroethene	20.0	20.8	104	68 - 139	
2-Hexanone	20.0	21.4	107	53 - 121	
1,2-Dibromoethane	20.0	19.5	97	78 - 118	
Chlorobenzene	20.0	20.5	103	81 - 121	
Xylenes, Total	60.0	63.3	105	76 - 121	
Styrene	20.0	21.2	106	69 - 112	
Bromoform	20.0	19.6	98	73 - 123	
Isopropylbenzene	20.0	21.4	107	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74 - 126	
1,3-Dichlorobenzene	20.0	20.9	104	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Control Sample - Batch: 460-128076

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-128076/8	Analysis Batch:	460-128076	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07847.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 0937	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 0937				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	21.0	105	83 - 123	
1,2,4-Trichlorobenzene	20.0	22.8	114	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 130
4-Bromofluorobenzene	98	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Method Blank - Batch: 460-128185

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-128185/13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2012 2228
Prep Date: 09/17/2012 2228
Leach Date: N/A

Analysis Batch: 460-128185
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e07873.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	0.060	U	0.060	1.0
Dichlorodifluoromethane	0.22	U	0.22	1.0
Chloromethane	0.10	U	0.10	1.0
Vinyl chloride	0.14	U	0.14	1.0
Bromomethane	0.18	U	0.18	1.0
1,2-Dibromo-3-Chloropropane	0.40	U	0.40	1.0
1,2-Dichlorobenzene	0.21	U	0.21	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.090	U	0.090	1.0
1,2-Dichloropropane	0.090	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	0.080	1.0
Acetone	2.7	U	2.7	5.0
Carbon disulfide	0.13	U	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	2.3	U	2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	0.10	U	0.10	1.0
Cyclohexane	0.16	U	0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	0.080	U	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	0.14	U	0.14	1.0
Dichlorobromomethane	0.12	U	0.12	1.0
cis-1,3-Dichloropropene	0.18	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.99	U	0.99	5.0
Toluene	0.15	U	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	U	0.10	1.0
2-Hexanone	0.50	U	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	0.36	U	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	0.080	U	0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Method Blank - Batch: 460-128185

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-128185/13
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/17/2012 2228
 Prep Date: 09/17/2012 2228
 Leach Date: N/A

Analysis Batch: 460-128185
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e07873.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	0.14	U	0.14	1.0
1,4-Dichlorobenzene	0.23	U	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 130
4-Bromofluorobenzene	101	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Method Blank TICs- Batch: 460-128185

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Control Sample - Batch: 460-128185

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-128185/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2012 1720
Prep Date: 09/17/2012 1720
Leach Date: N/A

Analysis Batch: 460-128185
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e07867.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.0	105	74 - 128	
Dichlorodifluoromethane	20.0	20.5	102	46 - 145	
Chloromethane	20.0	20.3	102	58 - 146	
Vinyl chloride	20.0	20.6	103	61 - 144	
Bromomethane	20.0	20.5	102	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	70 - 116	
1,2-Dichlorobenzene	20.0	20.8	104	82 - 122	
Trichlorofluoromethane	20.0	20.2	101	69 - 147	
1,1-Dichloroethene	20.0	20.8	104	56 - 139	
1,2-Dichloropropane	20.0	20.8	104	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.2	101	47 - 139	
Acetone	20.0	22.4	112	45 - 156	
Carbon disulfide	20.0	20.8	104	58 - 139	
Methyl acetate	20.0	20.6	103	50 - 151	
Methylene Chloride	20.0	20.7	104	79 - 119	
trans-1,2-Dichloroethene	20.0	20.6	103	75 - 122	
Chlorodibromomethane	20.0	21.0	105	80 - 120	
Methyl tert-butyl ether	20.0	21.3	106	71 - 115	
Chloroethane	20.0	24.4	122	69 - 145	
1,1-Dichloroethane	20.0	21.5	107	78 - 122	
cis-1,2-Dichloroethene	20.0	20.5	102	80 - 120	
2-Butanone (MEK)	20.0	21.4	107	65 - 114	
Chloroform	20.0	20.7	104	82 - 123	
Ethylbenzene	20.0	21.0	105	79 - 126	
Cyclohexane	20.0	21.1	105	58 - 133	
Carbon tetrachloride	20.0	21.1	105	73 - 120	
Benzene	20.0	20.9	104	83 - 124	
1,2-Dichloroethane	20.0	20.6	103	74 - 118	
Trichloroethene	20.0	21.3	106	78 - 119	
Methylcyclohexane	20.0	20.6	103	61 - 129	
Dichlorobromomethane	20.0	20.6	103	79 - 119	
cis-1,3-Dichloropropene	20.0	21.0	105	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	21.3	106	53 - 120	
Toluene	20.0	20.9	105	80 - 120	
trans-1,3-Dichloropropene	20.0	21.2	106	78 - 118	
1,1,2-Trichloroethane	20.0	21.2	106	79 - 119	
Tetrachloroethene	20.0	21.1	106	68 - 139	
2-Hexanone	20.0	22.8	114	53 - 121	
1,2-Dibromoethane	20.0	20.9	104	78 - 118	
Chlorobenzene	20.0	20.7	104	81 - 121	
Xylenes, Total	60.0	61.7	103	76 - 121	
Styrene	20.0	20.6	103	69 - 112	
Bromoform	20.0	20.8	104	73 - 123	
Isopropylbenzene	20.0	20.5	103	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	74 - 126	
1,3-Dichlorobenzene	20.0	20.7	103	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Control Sample - Batch: 460-128185

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-128185/3	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07867.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/17/2012 1720	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/17/2012 1720				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	20.9	104	83 - 123	
1,2,4-Trichlorobenzene	20.0	20.7	104	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	103	70 - 130
Toluene-d8 (Surr)	104	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128185**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-44505-8	Analysis Batch: 460-128185	Instrument ID: VOAMS5
Client Matrix: Water	Prep Batch: N/A	Lab File ID: e07879.d
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 09/18/2012 0103		Final Weight/Volume: 5 mL
Prep Date: 09/18/2012 0103		
Leach Date: N/A		

MSD Lab Sample ID: 460-44505-8	Analysis Batch: 460-128185	Instrument ID: VOAMS5
Client Matrix: Water	Prep Batch: N/A	Lab File ID: e07880.d
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 09/18/2012 0126		Final Weight/Volume: 5 mL
Prep Date: 09/18/2012 0126		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	104	107	74 - 128	3	30		
Dichlorodifluoromethane	119	126	46 - 145	6	30		
Chloromethane	111	112	58 - 146	1	30		
Vinyl chloride	115	118	61 - 144	3	30		
Bromomethane	105	103	55 - 153	2	30		
1,2-Dibromo-3-Chloropropane	117	122	70 - 116	5	30	F	F
1,2-Dichlorobenzene	105	108	82 - 122	3	30		
Trichlorofluoromethane	131	104	69 - 147	22	30		
1,1-Dichloroethene	105	104	56 - 139	1	30		
1,2-Dichloropropane	105	107	80 - 120	2	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	108	106	47 - 139	1	30		
Acetone	154	157	45 - 156	2	30		F
Carbon disulfide	102	108	58 - 139	5	30		
Methyl acetate	101	102	50 - 151	1	30		
Methylene Chloride	100	101	79 - 119	1	30		
trans-1,2-Dichloroethene	97	103	75 - 122	5	30		
Chlorodibromomethane	108	109	80 - 120	1	30		
Methyl tert-butyl ether	104	106	71 - 115	1	30		
Chloroethane	122	105	69 - 145	15	30		
1,1-Dichloroethane	104	103	78 - 122	1	30		
cis-1,2-Dichloroethene	103	105	80 - 120	3	30		
2-Butanone (MEK)	125	120	65 - 114	4	30	F	F
Chloroform	98	105	82 - 123	6	30		
Ethylbenzene	105	108	79 - 126	3	30		
Cyclohexane	111	113	58 - 133	2	30		
Carbon tetrachloride	105	106	73 - 120	1	30		
Benzene	63	71	83 - 124	3	30	F	F
1,2-Dichloroethane	105	107	74 - 118	1	30		
Trichloroethene	105	108	78 - 119	3	30		
Methylcyclohexane	115	118	61 - 129	3	30		
Dichlorobromomethane	104	107	79 - 119	3	30		
cis-1,3-Dichloropropene	102	106	80 - 120	4	30		
4-Methyl-2-pentanone (MIBK)	114	117	53 - 120	2	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-128185

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-44505-8	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07879.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 0103			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 0103				
Leach Date:	N/A				

MSD Lab Sample ID:	460-44505-8	Analysis Batch:	460-128185	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e07880.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2012 0126			Final Weight/Volume:	5 mL
Prep Date:	09/18/2012 0126				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	103	106	80 - 120	3	30		
trans-1,3-Dichloropropene	105	109	78 - 118	3	30		
1,1,2-Trichloroethane	107	109	79 - 119	2	30		
Tetrachloroethene	107	109	68 - 139	2	30		
2-Hexanone	120	121	53 - 121	0	30		
1,2-Dibromoethane	110	112	78 - 118	2	30		
Chlorobenzene	103	105	81 - 121	2	30		
Xylenes, Total	102	105	76 - 121	3	30		
Styrene	103	105	69 - 112	3	30		
Bromoform	110	108	73 - 123	2	30		
Isopropylbenzene	104	108	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	113	115	74 - 126	1	30		
1,3-Dichlorobenzene	103	105	81 - 126	2	30		
1,4-Dichlorobenzene	104	107	83 - 123	3	30		
1,2,4-Trichlorobenzene	114	120	66 - 120	5	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	106		106	70 - 130			
4-Bromofluorobenzene	100		99	70 - 130			
Toluene-d8 (Surr)	101		101	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-128185**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-44505-8 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 09/18/2012 0103
Prep Date: 09/18/2012 0103
Leach Date: N/A

MSD Lab Sample ID: 460-44505-8
Client Matrix: Water
Dilution: 10
Analysis Date: 09/18/2012 0126
Prep Date: 09/18/2012 0126
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	0.060	U	200	200	207	215
Dichlorodifluoromethane	0.22	U	200	200	239	252
Chloromethane	0.10	U	200	200	222	224
Vinyl chloride	0.14	U	200	200	229	236
Bromomethane	0.18	U	200	200	209	205
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	233	F 244 F
1,2-Dichlorobenzene	0.21	U	200	200	210	216
Trichlorofluoromethane	0.15	U	200	200	262	209
1,1-Dichloroethene	0.090	U	200	200	210	208
1,2-Dichloropropane	0.19	J	200	200	210	215
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	200	200	215	213
Acetone	2.7	U	200	200	307	314 F
Carbon disulfide	0.13	U	200	200	204	215
Methyl acetate	0.34	U	200	200	202	204
Methylene Chloride	0.18	U	200	200	200	202
trans-1,2-Dichloroethene	0.13	U	200	200	195	205
Chlorodibromomethane	0.20	U	200	200	217	218
Methyl tert-butyl ether	0.48	J	200	200	209	212
Chloroethane	0.17	U	200	200	243	209
1,1-Dichloroethane	0.23	J	200	200	208	207
cis-1,2-Dichloroethene	0.61	J	200	200	206	211
2-Butanone (MEK)	2.3	U	200	200	249	F 240 F
Chloroform	15		200	200	211	225
Ethylbenzene	0.12	J	200	200	210	216
Cyclohexane	9.6		200	200	232	236
Carbon tetrachloride	3.0		200	200	213	215
Benzene	450		200	200	580	F 594 F
1,2-Dichloroethane	15		200	200	226	229
Trichloroethene	5.6		200	200	216	223
Methylcyclohexane	1.5		200	200	231	237
Dichlorobromomethane	0.12	U	200	200	209	214
cis-1,3-Dichloropropene	0.18	U	200	200	204	212
4-Methyl-2-pentanone (MIBK)	0.99	U	200	200	229	233
Toluene	0.47	J	200	200	206	212
trans-1,3-Dichloropropene	0.24	U	200	200	211	218
1,1,2-Trichloroethane	0.19	U	200	200	214	219
Tetrachloroethene	0.64	J	200	200	214	218
2-Hexanone	0.50	U	200	200	241	241
1,2-Dibromoethane	0.28	U	200	200	220	224
Chlorobenzene	0.11	U	200	200	205	210
Xylenes, Total	1.3	J	600	600	616	633
Styrene	0.12	U	200	200	205	211
Bromoform	0.19	U	200	200	219	216

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-128185

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-44505-8 Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 09/18/2012 0103
Prep Date: 09/18/2012 0103
Leach Date: N/A

MSD Lab Sample ID: 460-44505-8
Client Matrix: Water
Dilution: 10
Analysis Date: 09/18/2012 0126
Prep Date: 09/18/2012 0126
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	2.4		200	200	211	218
1,1,2,2-Tetrachloroethane	0.16	U	200	200	227	229
1,3-Dichlorobenzene	0.14	U	200	200	206	210
1,4-Dichlorobenzene	0.23	U	200	200	208	214
1,2,4-Trichlorobenzene	0.34	U	200	200	228	241

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Lab Section	Qualifier	Description
GC/MS VOA	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	N	This flag indicates the presumptive evidence of a compound.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-128076					
LCS 460-128076/8	Lab Control Sample	T	Water	8260B	
MB 460-128076/9	Method Blank	T	Water	8260B	
460-44505-1	WG-17338-091112-VAS9-MM-238	T	Water	8260B	
460-44505-2	WG-17338-091112-VAS9-MM-239	T	Water	8260B	
460-44505-3	WG-17338-091112-VAS9-MM-240	T	Water	8260B	
460-44505-4	WG-17338-091112-VAS9-MM-241	T	Water	8260B	
460-44505-5	WG-17338-091112-DUP-MM-242	T	Water	8260B	
460-44505-6	WG-17338-091112-VAS10-MM-243	T	Water	8260B	
460-44505-7	WG-17338-091112-VAS10-MM-244	T	Water	8260B	
460-44505-9DL	WG-17338-091112-VAS10-MM-246	T	Water	8260B	
460-44505-10	TB-17338-091212-MM-247	T	Water	8260B	
Analysis Batch:460-128185					
LCS 460-128185/3	Lab Control Sample	T	Water	8260B	
MB 460-128185/13	Method Blank	T	Water	8260B	
460-44505-8	WG-17338-091112-VAS10-MM-245	T	Water	8260B	
460-44505-8MS	Matrix Spike	T	Water	8260B	
460-44505-8MSD	Matrix Spike Duplicate	T	Water	8260B	
460-44505-9	WG-17338-091112-VAS10-MM-246	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Laboratory Chronicle

Lab ID: 460-44505-1

Client ID: WG-17338-091112-VAS9-MM-238

Sample Date/Time: 09/11/2012 10:20

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-1		460-128076		09/17/2012 13:07	1	TAL EDI	AT
A:8260B	460-44505-A-1		460-128076		09/17/2012 13:07	1	TAL EDI	AT

Lab ID: 460-44505-2

Client ID: WG-17338-091112-VAS9-MM-239

Sample Date/Time: 09/11/2012 10:30

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-2		460-128076		09/17/2012 13:31	1	TAL EDI	AT
A:8260B	460-44505-A-2		460-128076		09/17/2012 13:31	1	TAL EDI	AT

Lab ID: 460-44505-3

Client ID: WG-17338-091112-VAS9-MM-240

Sample Date/Time: 09/11/2012 10:45

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-3		460-128076		09/17/2012 13:54	1	TAL EDI	AT
A:8260B	460-44505-A-3		460-128076		09/17/2012 13:54	1	TAL EDI	AT

Lab ID: 460-44505-4

Client ID: WG-17338-091112-VAS9-MM-241

Sample Date/Time: 09/11/2012 11:05

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-4		460-128076		09/17/2012 14:17	1	TAL EDI	AT
A:8260B	460-44505-A-4		460-128076		09/17/2012 14:17	1	TAL EDI	AT

Lab ID: 460-44505-5

Client ID: WG-17338-091112-DUP-MM-242

Sample Date/Time: 09/11/2012 12:30

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-5		460-128076		09/17/2012 14:41	1	TAL EDI	AT
A:8260B	460-44505-A-5		460-128076		09/17/2012 14:41	1	TAL EDI	AT

Lab ID: 460-44505-6

Client ID: WG-17338-091112-VAS10-MM-243

Sample Date/Time: 09/11/2012 13:45

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-6		460-128076		09/17/2012 11:34	1	TAL EDI	AT
A:8260B	460-44505-A-6		460-128076		09/17/2012 11:34	1	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Laboratory Chronicle

Lab ID: 460-44505-7

Client ID: WG-17338-091112-VAS10-MM-244

Sample Date/Time: 09/11/2012 14:05

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-7		460-128076		09/17/2012 11:57	1	TAL EDI	AT
A:8260B	460-44505-A-7		460-128076		09/17/2012 11:57	1	TAL EDI	AT

Lab ID: 460-44505-8

Client ID: WG-17338-091112-VAS10-MM-245

Sample Date/Time: 09/11/2012 14:25

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-B-8		460-128185		09/17/2012 23:30	1	TAL EDI	AT
A:8260B	460-44505-B-8		460-128185		09/17/2012 23:30	1	TAL EDI	AT

Lab ID: 460-44505-8

Client ID: WG-17338-091112-VAS10-MM-245

Sample Date/Time: 09/11/2012 14:25

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-B-8 MS		460-128185		09/18/2012 01:03	10	TAL EDI	AT
A:8260B	460-44505-B-8 MS		460-128185		09/18/2012 01:03	10	TAL EDI	AT

Lab ID: 460-44505-8

Client ID: WG-17338-091112-VAS10-MM-245

Sample Date/Time: 09/11/2012 14:25

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-B-8 MSD		460-128185		09/18/2012 01:26	10	TAL EDI	AT
A:8260B	460-44505-B-8 MSD		460-128185		09/18/2012 01:26	10	TAL EDI	AT

Lab ID: 460-44505-9

Client ID: WG-17338-091112-VAS10-MM-246

Sample Date/Time: 09/11/2012 14:40

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-9	DL	460-128076		09/17/2012 12:44	5	TAL EDI	AT
A:8260B	460-44505-A-9	DL	460-128076		09/17/2012 12:44	5	TAL EDI	AT
P:5030B	460-44505-B-9		460-128185		09/18/2012 00:16	1	TAL EDI	AT
A:8260B	460-44505-B-9		460-128185		09/18/2012 00:16	1	TAL EDI	AT

Lab ID: 460-44505-10

Client ID: TB-17338-091212-MM-247

Sample Date/Time: 09/12/2012 00:00

Received Date/Time: 09/12/2012 20:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44505-A-10		460-128076		09/17/2012 11:11	1	TAL EDI	AT
A:8260B	460-44505-A-10		460-128076		09/17/2012 11:11	1	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-128076/9		460-128076		09/17/2012 10:47	1	TAL EDI	AT
A:8260B	MB 460-128076/9		460-128076		09/17/2012 10:47	1	TAL EDI	AT
P:5030B	MB 460-128185/13		460-128185		09/17/2012 22:28	1	TAL EDI	AT
A:8260B	MB 460-128185/13		460-128185		09/17/2012 22:28	1	TAL EDI	AT

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-128076/8		460-128076		09/17/2012 09:37	1	TAL EDI	AT
A:8260B	LCS 460-128076/8		460-128076		09/17/2012 09:37	1	TAL EDI	AT
P:5030B	LCS 460-128185/3		460-128185		09/17/2012 17:20	1	TAL EDI	AT
A:8260B	LCS 460-128185/3		460-128185		09/17/2012 17:20	1	TAL EDI	AT

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
WG-17338-091112-VA S9-MM-238	460-44505-1	110	101	98
WG-17338-091112-VA S9-MM-239	460-44505-2	108	100	100
WG-17338-091112-VA S9-MM-240	460-44505-3	107	98	98
WG-17338-091112-VA S9-MM-241	460-44505-4	108	100	100
WG-17338-091112-DU P-MM-242	460-44505-5	110	100	99
WG-17338-091112-VA S10-MM-243	460-44505-6	106	103	102
WG-17338-091112-VA S10-MM-244	460-44505-7	106	101	99
WG-17338-091112-VA S10-MM-245	460-44505-8	103	100	98
WG-17338-091112-VA S10-MM-246	460-44505-9	110	103	102
WG-17338-091112-VA S10-MM-246 DL	460-44505-9 DL	105 D	100 D	98 D
TB-17338-091212-MM -247	460-44505-10	106	99	94
	MB 460-128076/9	103	98	99
	MB 460-128185/13	101	101	101
	LCS 460-128076/8	101	101	98
	LCS 460-128185/3	103	104	103
WG-17338-091112-VA S10-MM-245 MS	460-44505-8 MS	106	101	100
WG-17338-091112-VA S10-MM-245 MSD	460-44505-8 MSD	106	101	99

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e07847.d
 Lab ID: LCS 460-128076/8 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.8	104	74-128	
Dichlorodifluoromethane	20.0	21.1	105	46-145	
Chloromethane	20.0	22.1	111	58-146	
Vinyl chloride	20.0	21.5	107	61-144	
Bromomethane	20.0	22.7	114	55-153	
1,2-Dibromo-3-Chloropropane	20.0	20.6	103	70-116	
1,2-Dichlorobenzene	20.0	20.6	103	82-122	
Trichlorofluoromethane	20.0	21.8	109	69-147	
1,1-Dichloroethene	20.0	22.5	112	56-139	
1,2-Dichloropropane	20.0	20.5	102	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	24.0	120	47-139	
Acetone	20.0	21.4	107	45-156	
Carbon disulfide	20.0	22.4	112	58-139	
Methyl acetate	20.0	20.2	101	50-151	
Methylene Chloride	20.0	21.4	107	79-119	
trans-1,2-Dichloroethene	20.0	21.0	105	75-122	
Chlorodibromomethane	20.0	19.6	98	80-120	
Methyl tert-butyl ether	20.0	20.0	100	71-115	
Chloroethane	20.0	21.0	105	69-145	
1,1-Dichloroethane	20.0	20.3	101	78-122	
cis-1,2-Dichloroethene	20.0	20.4	102	80-120	
2-Butanone (MEK)	20.0	20.5	103	65-114	
Chloroform	20.0	21.4	107	82-123	
Ethylbenzene	20.0	21.1	105	79-126	
Cyclohexane	20.0	24.1	120	58-133	
Carbon tetrachloride	20.0	21.0	105	73-120	
Benzene	20.0	20.5	102	83-124	
1,2-Dichloroethane	20.0	20.6	103	74-118	
Trichloroethene	20.0	20.7	104	78-119	
Methylcyclohexane	20.0	24.3	122	61-129	
Dichlorobromomethane	20.0	20.5	103	79-119	
cis-1,3-Dichloropropene	20.0	20.4	102	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	20.5	102	53-120	
Toluene	20.0	20.6	103	80-120	
trans-1,3-Dichloropropene	20.0	20.3	102	78-118	
1,1,2-Trichloroethane	20.0	19.8	99	79-119	
Tetrachloroethene	20.0	20.8	104	68-139	
2-Hexanone	20.0	21.4	107	53-121	
1,2-Dibromoethane	20.0	19.5	97	78-118	
Chlorobenzene	20.0	20.5	103	81-121	
Xylenes, Total	60.0	63.3	105	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e07847.d
Lab ID: LCS 460-128076/8 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	21.2	106	69-112	
Bromoform	20.0	19.6	98	73-123	
Isopropylbenzene	20.0	21.4	107	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74-126	
1,3-Dichlorobenzene	20.0	20.9	104	81-126	
1,4-Dichlorobenzene	20.0	21.0	105	83-123	
1,2,4-Trichlorobenzene	20.0	22.8	114	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e07867.d
 Lab ID: LCS 460-128185/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	21.0	105	74-128	
Dichlorodifluoromethane	20.0	20.5	102	46-145	
Chloromethane	20.0	20.3	102	58-146	
Vinyl chloride	20.0	20.6	103	61-144	
Bromomethane	20.0	20.5	102	55-153	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	70-116	
1,2-Dichlorobenzene	20.0	20.8	104	82-122	
Trichlorofluoromethane	20.0	20.2	101	69-147	
1,1-Dichloroethene	20.0	20.8	104	56-139	
1,2-Dichloropropane	20.0	20.8	104	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	20.2	101	47-139	
Acetone	20.0	22.4	112	45-156	
Carbon disulfide	20.0	20.8	104	58-139	
Methyl acetate	20.0	20.6	103	50-151	
Methylene Chloride	20.0	20.7	104	79-119	
trans-1,2-Dichloroethene	20.0	20.6	103	75-122	
Chlorodibromomethane	20.0	21.0	105	80-120	
Methyl tert-butyl ether	20.0	21.3	106	71-115	
Chloroethane	20.0	24.4	122	69-145	
1,1-Dichloroethane	20.0	21.5	107	78-122	
cis-1,2-Dichloroethene	20.0	20.5	102	80-120	
2-Butanone (MEK)	20.0	21.4	107	65-114	
Chloroform	20.0	20.7	104	82-123	
Ethylbenzene	20.0	21.0	105	79-126	
Cyclohexane	20.0	21.1	105	58-133	
Carbon tetrachloride	20.0	21.1	105	73-120	
Benzene	20.0	20.9	104	83-124	
1,2-Dichloroethane	20.0	20.6	103	74-118	
Trichloroethene	20.0	21.3	106	78-119	
Methylcyclohexane	20.0	20.6	103	61-129	
Dichlorobromomethane	20.0	20.6	103	79-119	
cis-1,3-Dichloropropene	20.0	21.0	105	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	21.3	106	53-120	
Toluene	20.0	20.9	105	80-120	
trans-1,3-Dichloropropene	20.0	21.2	106	78-118	
1,1,2-Trichloroethane	20.0	21.2	106	79-119	
Tetrachloroethene	20.0	21.1	106	68-139	
2-Hexanone	20.0	22.8	114	53-121	
1,2-Dibromoethane	20.0	20.9	104	78-118	
Chlorobenzene	20.0	20.7	104	81-121	
Xylenes, Total	60.0	61.7	103	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e07867.d
Lab ID: LCS 460-128185/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	20.6	103	69-112	
Bromoform	20.0	20.8	104	73-123	
Isopropylbenzene	20.0	20.5	103	80-125	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	74-126	
1,3-Dichlorobenzene	20.0	20.7	103	81-126	
1,4-Dichlorobenzene	20.0	20.9	104	83-123	
1,2,4-Trichlorobenzene	20.0	20.7	104	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e07879.d
Lab ID: 460-44505-8 MS Client ID: WG-17338-091112-VAS10-MM-245 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.060 U	207	104	74-128	
Dichlorodifluoromethane	200	0.22 U	239	119	46-145	
Chloromethane	200	0.10 U	222	111	58-146	
Vinyl chloride	200	0.14 U	229	115	61-144	
Bromomethane	200	0.18 U	209	105	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	233	117	70-116	F
1,2-Dichlorobenzene	200	0.21 U	210	105	82-122	
Trichlorofluoromethane	200	0.15 U	262	131	69-147	
1,1-Dichloroethene	200	0.090 U	210	105	56-139	
1,2-Dichloropropane	200	0.19 J	210	105	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	215	108	47-139	
Acetone	200	2.7 U	307	154	45-156	
Carbon disulfide	200	0.13 U	204	102	58-139	
Methyl acetate	200	0.34 U	202	101	50-151	
Methylene Chloride	200	0.18 U	200	100	79-119	
trans-1,2-Dichloroethene	200	0.13 U	195	97	75-122	
Chlorodibromomethane	200	0.20 U	217	108	80-120	
Methyl tert-butyl ether	200	0.48 J	209	104	71-115	
Chloroethane	200	0.17 U	243	122	69-145	
1,1-Dichloroethane	200	0.23 J	208	104	78-122	
cis-1,2-Dichloroethene	200	0.61 J	206	103	80-120	
2-Butanone (MEK)	200	2.3 U	249	125	65-114	F
Chloroform	200	15	211	98	82-123	
Ethylbenzene	200	0.12 J	210	105	79-126	
Cyclohexane	200	9.6	232	111	58-133	
Carbon tetrachloride	200	3.0	213	105	73-120	
Benzene	200	450	580	63	83-124	F
1,2-Dichloroethane	200	15	226	105	74-118	
Trichloroethene	200	5.6	216	105	78-119	
Methylcyclohexane	200	1.5	231	115	61-129	
Dichlorobromomethane	200	0.12 U	209	104	79-119	
cis-1,3-Dichloropropene	200	0.18 U	204	102	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	229	114	53-120	
Toluene	200	0.47 J	206	103	80-120	
trans-1,3-Dichloropropene	200	0.24 U	211	105	78-118	
1,1,2-Trichloroethane	200	0.19 U	214	107	79-119	
Tetrachloroethene	200	0.64 J	214	107	68-139	
2-Hexanone	200	0.50 U	241	120	53-121	
1,2-Dibromoethane	200	0.28 U	220	110	78-118	
Chlorobenzene	200	0.11 U	205	103	81-121	
Xylenes, Total	600	1.3 J	616	102	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e07879.d
 Lab ID: 460-44505-8 MS Client ID: WG-17338-091112-VAS10-MM-245 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	0.12 U	205	103	69-112	
Bromoform	200	0.19 U	219	110	73-123	
Isopropylbenzene	200	2.4	211	104	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	227	113	74-126	
1,3-Dichlorobenzene	200	0.14 U	206	103	81-126	
1,4-Dichlorobenzene	200	0.23 U	208	104	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	228	114	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e07880.d
Lab ID: 460-44505-8 MSD Client ID: WG-17338-091112-VAS10-MM-245

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	215	107	3	30	74-128	
Dichlorodifluoromethane	200	252	126	6	30	46-145	
Chloromethane	200	224	112	1	30	58-146	
Vinyl chloride	200	236	118	3	30	61-144	
Bromomethane	200	205	103	2	30	55-153	
1,2-Dibromo-3-Chloropropane	200	244	122	5	30	70-116	F
1,2-Dichlorobenzene	200	216	108	3	30	82-122	
Trichlorofluoromethane	200	209	104	22	30	69-147	
1,1-Dichloroethene	200	208	104	1	30	56-139	
1,2-Dichloropropane	200	215	107	2	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	213	106	1	30	47-139	
Acetone	200	314	157	2	30	45-156	F
Carbon disulfide	200	215	108	5	30	58-139	
Methyl acetate	200	204	102	1	30	50-151	
Methylene Chloride	200	202	101	1	30	79-119	
trans-1,2-Dichloroethene	200	205	103	5	30	75-122	
Chlorodibromomethane	200	218	109	1	30	80-120	
Methyl tert-butyl ether	200	212	106	1	30	71-115	
Chloroethane	200	209	105	15	30	69-145	
1,1-Dichloroethane	200	207	103	1	30	78-122	
cis-1,2-Dichloroethene	200	211	105	3	30	80-120	
2-Butanone (MEK)	200	240	120	4	30	65-114	F
Chloroform	200	225	105	6	30	82-123	
Ethylbenzene	200	216	108	3	30	79-126	
Cyclohexane	200	236	113	2	30	58-133	
Carbon tetrachloride	200	215	106	1	30	73-120	
Benzene	200	594	71	3	30	83-124	F
1,2-Dichloroethane	200	229	107	1	30	74-118	
Trichloroethene	200	223	108	3	30	78-119	
Methylcyclohexane	200	237	118	3	30	61-129	
Dichlorobromomethane	200	214	107	3	30	79-119	
cis-1,3-Dichloropropene	200	212	106	4	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	233	117	2	30	53-120	
Toluene	200	212	106	3	30	80-120	
trans-1,3-Dichloropropene	200	218	109	3	30	78-118	
1,1,2-Trichloroethane	200	219	109	2	30	79-119	
Tetrachloroethene	200	218	109	2	30	68-139	
2-Hexanone	200	241	121	0	30	53-121	
1,2-Dibromoethane	200	224	112	2	30	78-118	
Chlorobenzene	200	210	105	2	30	81-121	
Xylenes, Total	600	633	105	3	30	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e07880.d
 Lab ID: 460-44505-8 MSD Client ID: WG-17338-091112-VAS10-MM-245

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	211	105	3	30	69-112	
Bromoform	200	216	108	2	30	73-123	
Isopropylbenzene	200	218	108	3	30	80-125	
1,1,2,2-Tetrachloroethane	200	229	115	1	30	74-126	
1,3-Dichlorobenzene	200	210	105	2	30	81-126	
1,4-Dichlorobenzene	200	214	107	3	30	83-123	
1,2,4-Trichlorobenzene	200	241	120	5	30	66-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Lab File ID: e07850.d Lab Sample ID: MB 460-128076/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: VOAMS5 Date Analyzed: 09/17/2012 10:47
 GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-128076/8	e07847.d	09/17/2012 09:37
TB-17338-091212-MM-247	460-44505-10	e07851.d	09/17/2012 11:11
WG-17338-091112-VAS10-MM-243	460-44505-6	e07852.d	09/17/2012 11:34
WG-17338-091112-VAS10-MM-244	460-44505-7	e07853.d	09/17/2012 11:57
WG-17338-091112-VAS10-MM-246 DL	460-44505-9 DL	e07855.d	09/17/2012 12:44
WG-17338-091112-VAS9-MM-238	460-44505-1	e07856.d	09/17/2012 13:07
WG-17338-091112-VAS9-MM-239	460-44505-2	e07857.d	09/17/2012 13:31
WG-17338-091112-VAS9-MM-240	460-44505-3	e07858.d	09/17/2012 13:54
WG-17338-091112-VAS9-MM-241	460-44505-4	e07859.d	09/17/2012 14:17
WG-17338-091112-DUP-MM-242	460-44505-5	e07860.d	09/17/2012 14:41

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Lab File ID: e07873.d Lab Sample ID: MB 460-128185/13
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 09/17/2012 22:28
GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-128185/3	e07867.d	09/17/2012 17:20
WG-17338-091112-VAS10-MM-245	460-44505-8	e07875.d	09/17/2012 23:30
WG-17338-091112-VAS10-MM-246	460-44505-9	e07877.d	09/18/2012 00:16
WG-17338-091112-VAS10-MM-245 MS	460-44505-8 MS	e07879.d	09/18/2012 01:03
WG-17338-091112-VAS10-MM-245 MSD	460-44505-8 MSD	e07880.d	09/18/2012 01:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Lab File ID: e07834.d BFB Injection Date: 09/17/2012
Instrument ID: VOAMS5 BFB Injection Time: 03:24
Analysis Batch No.: 128076

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.9
75	30.0 - 60.0 % of mass 95	52.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	79.6
175	5.0 - 9.0 % of mass 174	6.6 (8.3) 1
176	95.0 - 101.0 % of mass 174	76.1 (95.7) 1
177	5.0 - 9.0 % of mass 176	4.8 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-128076/2	e07836.d	09/17/2012	04:49
	IC 460-128076/3	e07838.d	09/17/2012	05:36
	ICIS 460-128076/4	e07839.d	09/17/2012	06:00
	IC 460-128076/5	e07840.d	09/17/2012	06:23
	IC 460-128076/6	e07841.d	09/17/2012	06:46
	IC 460-128076/7	e07842.d	09/17/2012	07:10
	LCS 460-128076/8	e07847.d	09/17/2012	09:37
	MB 460-128076/9	e07850.d	09/17/2012	10:47
TB-17338-091212-MM-247	460-44505-10	e07851.d	09/17/2012	11:11
WG-17338-091112-VAS10-M M-243	460-44505-6	e07852.d	09/17/2012	11:34
WG-17338-091112-VAS10-M M-244	460-44505-7	e07853.d	09/17/2012	11:57
WG-17338-091112-VAS10-M M-246 DL	460-44505-9 DL	e07855.d	09/17/2012	12:44
WG-17338-091112-VAS9-MM -238	460-44505-1	e07856.d	09/17/2012	13:07
WG-17338-091112-VAS9-MM -239	460-44505-2	e07857.d	09/17/2012	13:31
WG-17338-091112-VAS9-MM -240	460-44505-3	e07858.d	09/17/2012	13:54
WG-17338-091112-VAS9-MM -241	460-44505-4	e07859.d	09/17/2012	14:17
WG-17338-091112-DUP-MM- 242	460-44505-5	e07860.d	09/17/2012	14:41
	CCV 460-128076/20	e07864.d	09/17/2012	16:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Lab File ID: e07865.d BFB Injection Date: 09/17/2012
Instrument ID: VOAMS5 BFB Injection Time: 16:35
Analysis Batch No.: 128185

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.2
75	30.0 - 60.0 % of mass 95	49.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.1
173	Less than 2.0 % of mass 174	0.7 (0.9) 1
174	50.0 - 120.00 % of mass 95	82.8
175	5.0 - 9.0 % of mass 174	6.0 (7.3) 1
176	95.0 - 101.0 % of mass 174	80.2 (96.8) 1
177	5.0 - 9.0 % of mass 176	5.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-128185/2	e07866.d	09/17/2012	16:56
	LCS 460-128185/3	e07867.d	09/17/2012	17:20
	MB 460-128185/13	e07873.d	09/17/2012	22:28
WG-17338-091112-VAS10-M M-245	460-44505-8	e07875.d	09/17/2012	23:30
WG-17338-091112-VAS10-M M-246	460-44505-9	e07877.d	09/18/2012	00:16
WG-17338-091112-VAS10-M M-245 MS	460-44505-8 MS	e07879.d	09/18/2012	01:03
WG-17338-091112-VAS10-M M-245 MSD	460-44505-8 MSD	e07880.d	09/18/2012	01:26
	CCV 460-128185/12	e07889.d	09/18/2012	05:44

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Sample No.: ICIS 460-128076/4 Date Analyzed: 09/17/2012 06:00
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e07839.d Heated Purge: (Y/N) N
 Calibration ID: 17515

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2376396	3.59	1921967	6.95	1048295	10.47
UPPER LIMIT		4752792	4.09	3843934	7.45	2096590	10.97
LOWER LIMIT		1188198	3.09	960984	6.45	524148	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-128076/8		2249969	3.59	1824060	6.95	1059871	10.47
MB 460-128076/9		2365287	3.59	1891962	6.95	1028321	10.47
460-44505-10	TB-17338-091212-MM-247	2255097	3.59	1769279	6.95	1035026	10.47
460-44505-6	WG-17338-091112-VAS10-MM-243	2295769	3.59	1813689	6.95	994354	10.47
460-44505-7	WG-17338-091112-VAS10-MM-244	2442766	3.59	1875780	6.95	1009738	10.47
460-44505-9 DL	WG-17338-091112-VAS10-MM-246 DL	2395626	3.59	1849862	6.95	1009210	10.47
460-44505-1	WG-17338-091112-VAS9-MM-238	2351733	3.60	1847103	6.95	1044139	10.47
460-44505-2	WG-17338-091112-VAS9-MM-239	2428959	3.60	1883291	6.95	1015976	10.47
460-44505-3	WG-17338-091112-VAS9-MM-240	2287493	3.59	1863730	6.95	1057514	10.47
460-44505-4	WG-17338-091112-VAS9-MM-241	2505660	3.59	1960160	6.95	1043283	10.47
460-44505-5	WG-17338-091112-DUP-M M-242	2411490	3.60	1905566	6.95	1053642	10.47
CCV 460-128076/20		2406670	3.59	1867230	6.95	1023168	10.47

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Sample No.: CCVIS 460-128185/2 Date Analyzed: 09/17/2012 16:56
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e07866.d Heated Purge: (Y/N) N
 Calibration ID: 17515

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2439317	3.59	1942371	6.95	1051634	10.47
UPPER LIMIT		4878634	4.09	3884742	7.45	2103268	10.97
LOWER LIMIT		1219659	3.09	971186	6.45	525817	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-128185/3		2497832	3.59	1978624	6.95	1049033	10.47
MB 460-128185/13		2456107	3.59	1920084	6.95	1017843	10.47
460-44505-8	WG-17338-091112-VAS10 -MM-245	2441010	3.59	1910752	6.95	1074042	10.47
460-44505-9	WG-17338-091112-VAS10 -MM-246	2436208	3.60	1879070	6.95	1046991	10.47
460-44505-8 MS	WG-17338-091112-VAS10 -MM-245 MS	2476738	3.60	1957702	6.95	1074406	10.47
460-44505-8 MSD	WG-17338-091112-VAS10 -MM-245 MSD	2529554	3.60	1969406	6.95	1090977	10.47
CCV 460-128185/12		1910055	3.59	1569775	6.95	888811	10.47

FB = Fluorobenzene
 CBZ = Chlorobenzene-d5
 DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-1
 Matrix: Water Lab File ID: e07856.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:20
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.53	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	2.5		1.0	0.080
100-41-4	Ethylbenzene	0.82	J	1.0	0.10
110-82-7	Cyclohexane	150		1.0	0.16
56-23-5	Carbon tetrachloride	0.18	J	1.0	0.060
71-43-2	Benzene	350		1.0	0.080
107-06-2	1,2-Dichloroethane	6.1		1.0	0.19
79-01-6	Trichloroethene	0.33	J	1.0	0.090
108-87-2	Methylcyclohexane	56		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	2.8		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-1
 Matrix: Water Lab File ID: e07856.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:20
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	7.2		3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	27		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-1
 Matrix: Water Lab File ID: e07856.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:20
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L
 Number TICs Found: 9 TIC Result Total: 1742

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.99	480	J
	C5H12 Alkane	1.20	500	J
	C5H12 Alkane-1	1.30	85	J
	C5H10 Cycloalkane	1.36	48	J
	C5H10 Cycloalkane-1	1.74	300	J
	C6H14 Alkane	1.86	66	J
	C6H12 Cycloalkane	2.35	170	J
	C6H10 Cycloalkene	3.12	51	J
	C10H12 Aromatic	11.66	42	J

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07856.d
 Report Date: 17-Sep-2012 16:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07856.d
 Lab Smp Id: 460-44505-A-1 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 13:07
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-1
 Misc Info : 460-44505-A-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 22
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
28 MTBE	73	2.010	2.022	(0.559)	17105		0.52526	0.52(a)
42 Chloroform	83	2.839	2.845	(0.790)	46560		2.45629	2.4
44 Cyclohexane	56	2.784	2.790	(0.774)	2790905		147.228	150
45 Carbon Tetrachloride	117	2.937	2.936	(0.817)	2384		0.18145	0.18(a)
48 Benzene	78	3.260	3.260	(0.469)	16116730		346.457	350
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.369	(0.936)	666525		55.0836	55
49 1,2-Dichloroethane	62	3.418	3.424	(0.951)	93972		6.06775	6.1
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2351733		50.0000	
54 Trichloroethene	95	3.735	3.753	(1.039)	3729		0.32843	0.33(a)
56 Methyl cyclohexane	83	3.723	3.741	(1.036)	870312		56.2978	56
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2177814		50.2991	50
66 Toluene	91	5.156	5.168	(0.741)	147455		2.80107	2.8
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1847103		50.0000	
81 Ethylbenzene	106	7.064	7.094	(1.016)	15000		0.81983	0.82(aH)
82 m+p-Xylene	106	7.277	7.308	(1.046)	27543		1.18393	1.2
84 o-Xylene	106	7.856	7.887	(1.130)	135712		5.98158	6.0

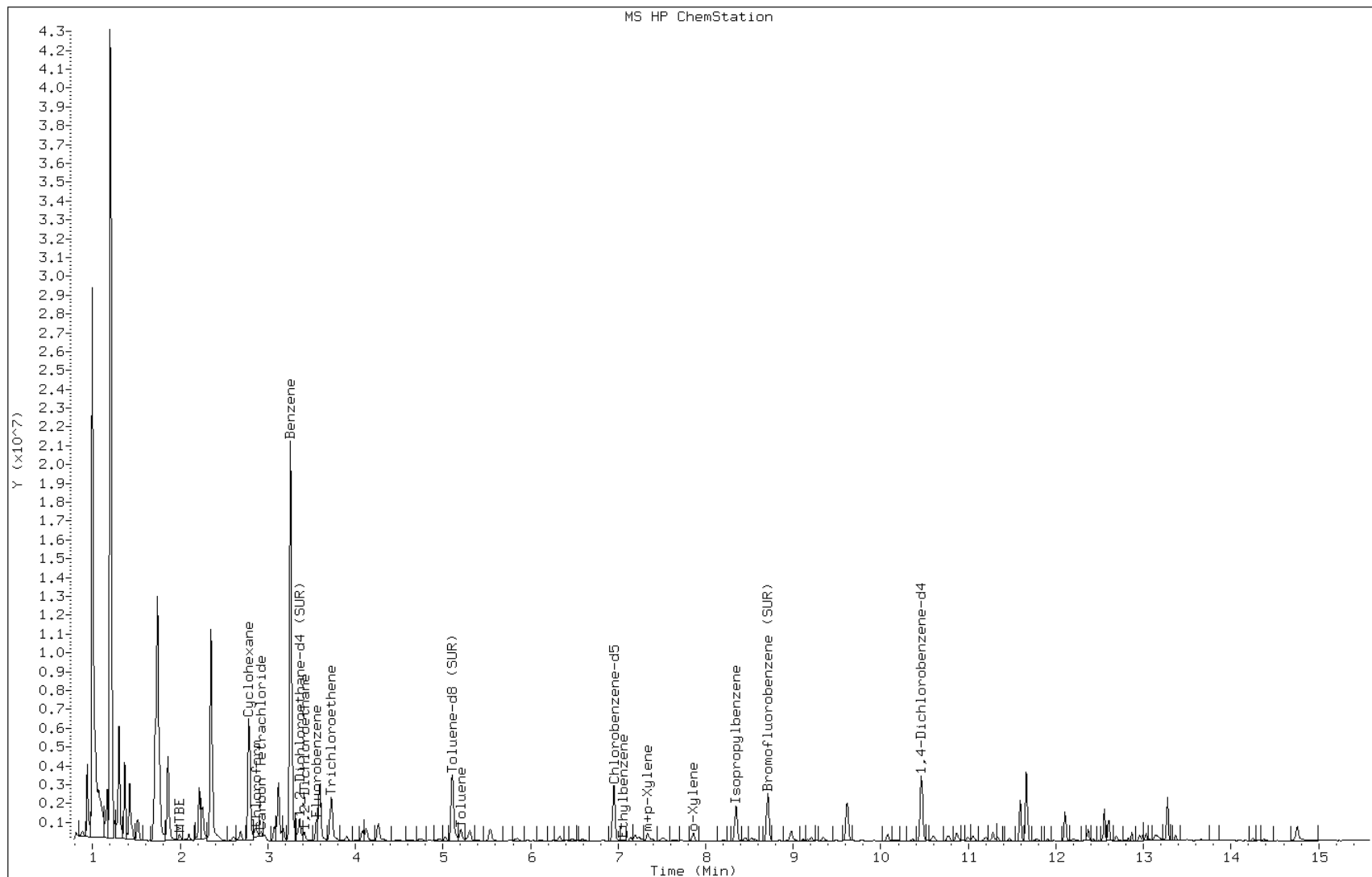
Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07856.d
 Report Date: 17-Sep-2012 16:22

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
88 Isopropylbenzene	105	8.344	8.368	(1.200)	1540086	26.7137	27
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	828622	49.0739	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1044139	50.0000	
M 121 Xylene (Total)	100				163255	7.16550	7.2

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Operator: GC/MS VOAMS5



Data File: e07856.d

Date: 17-SEP-2012 13:07

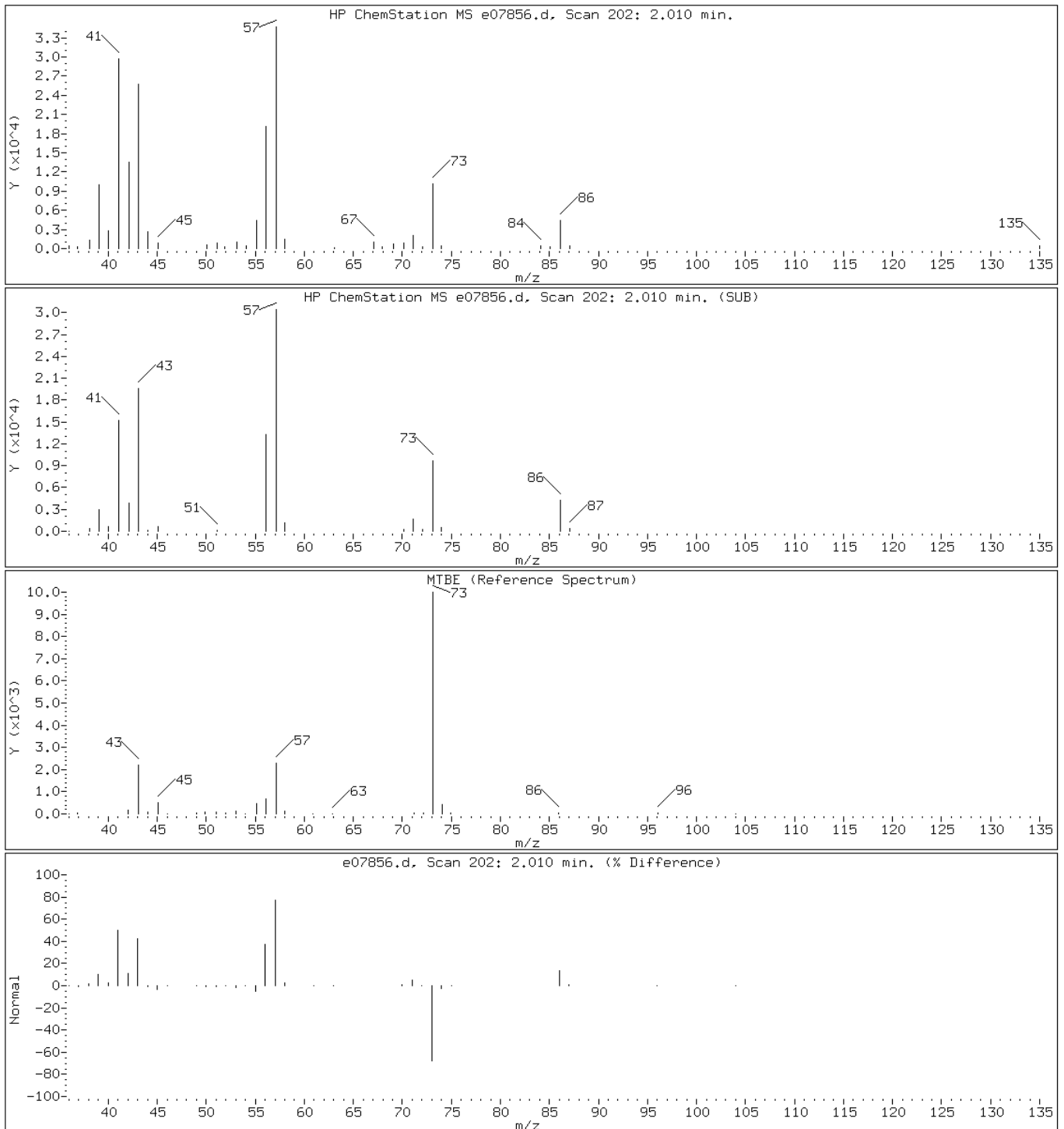
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07856.d

Date: 17-SEP-2012 13:07

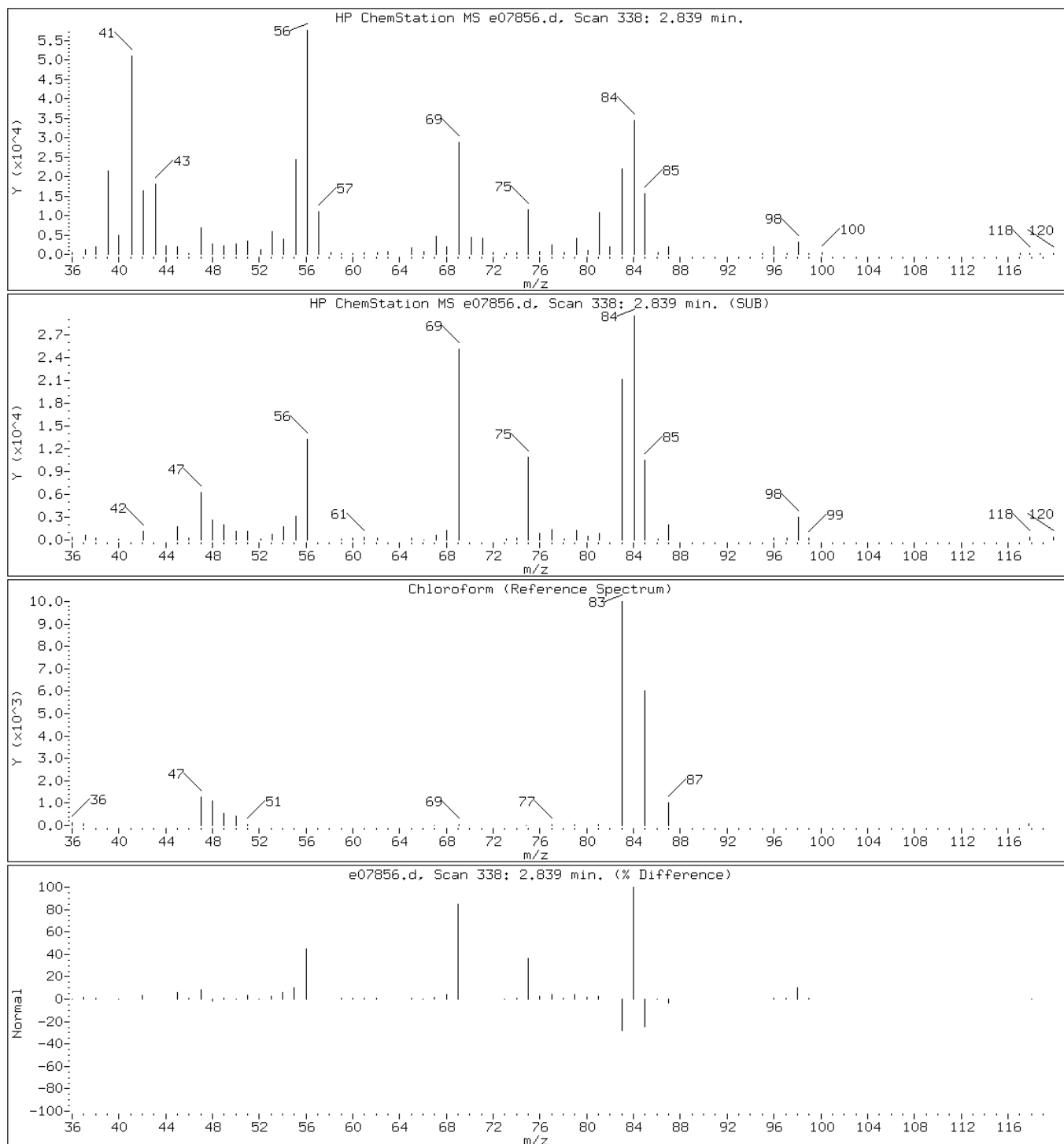
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

42 Chloroform



Data File: e07856.d

Date: 17-SEP-2012 13:07

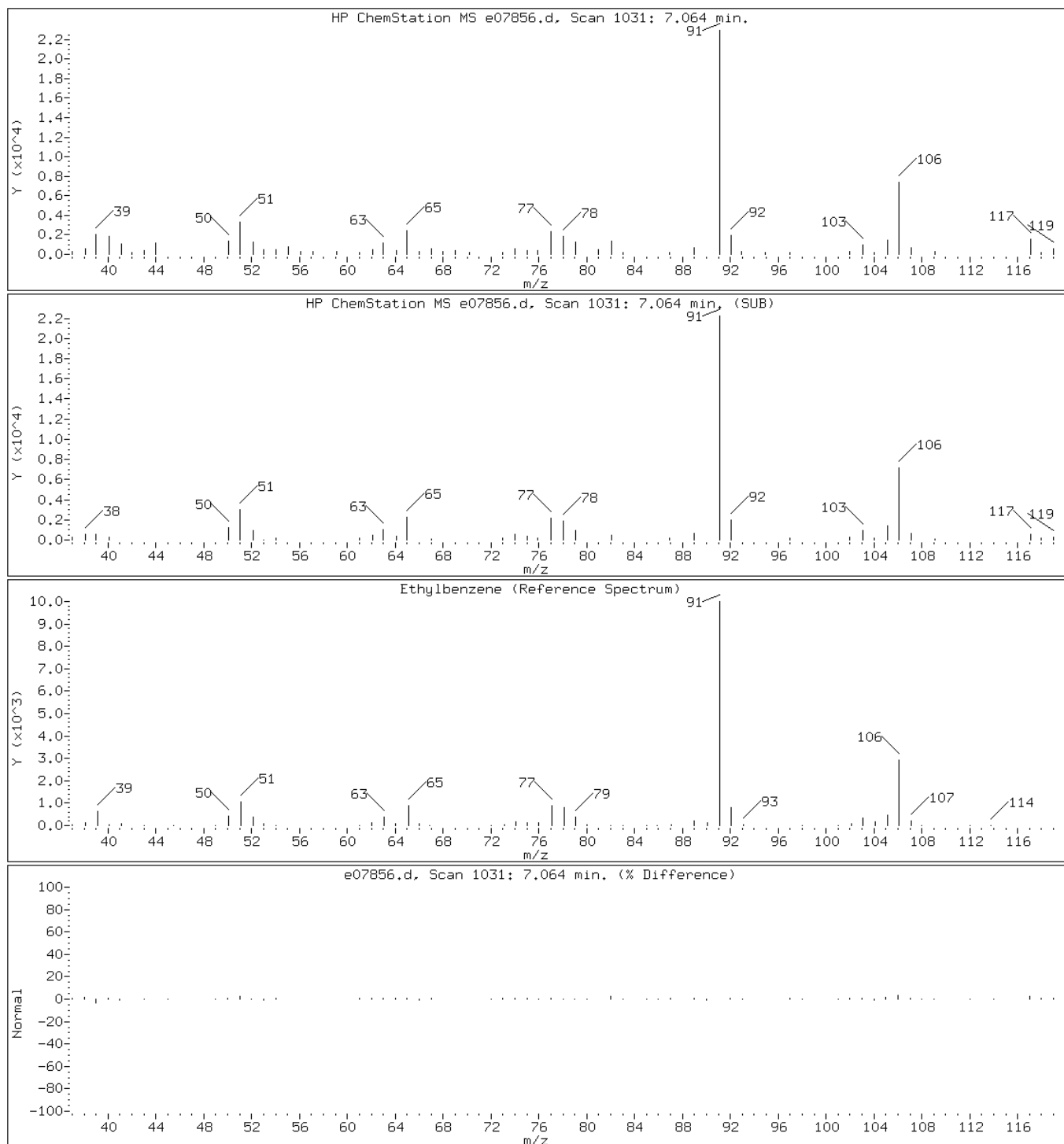
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07856.d

Date: 17-SEP-2012 13:07

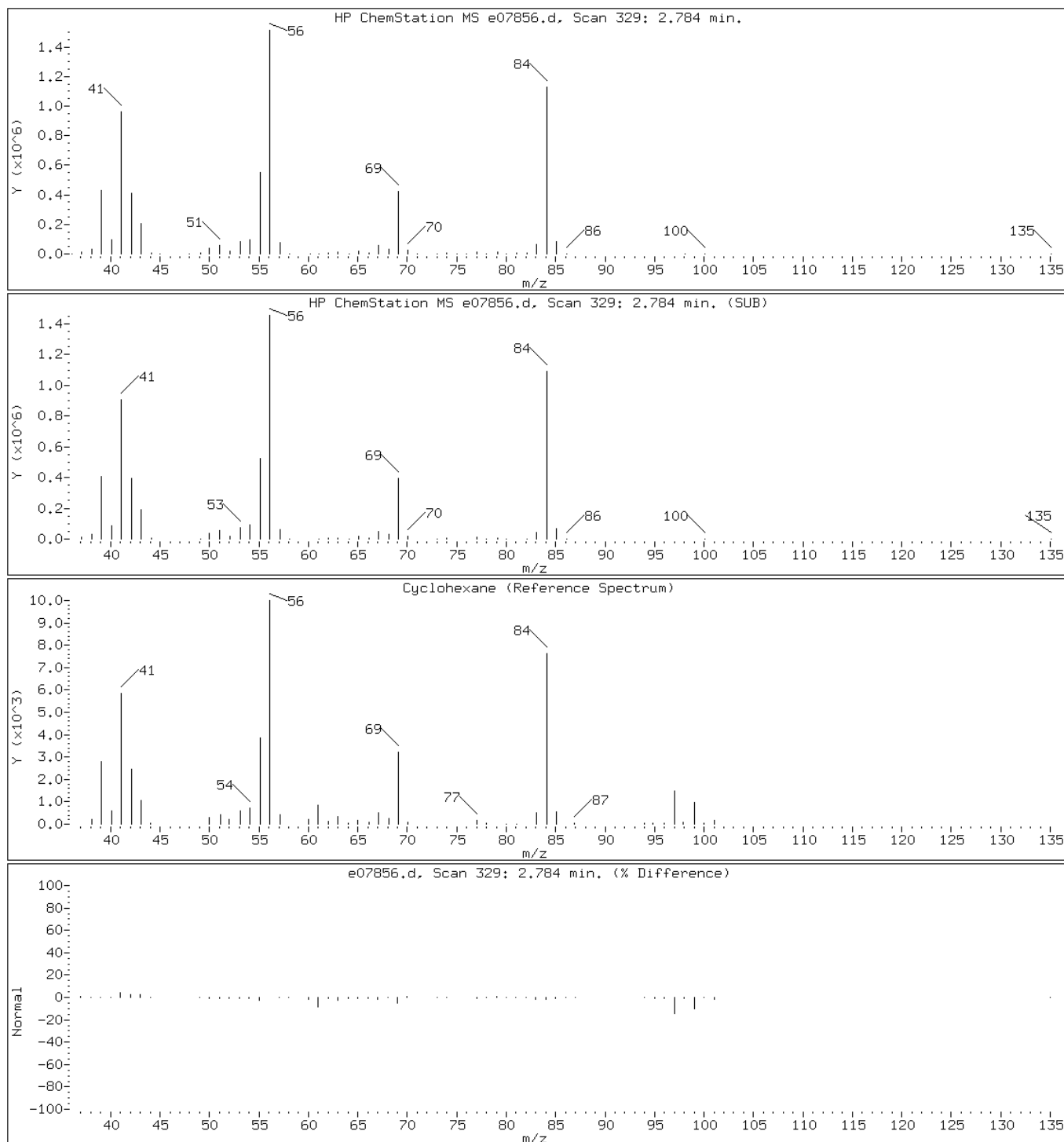
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07856.d

Date: 17-SEP-2012 13:07

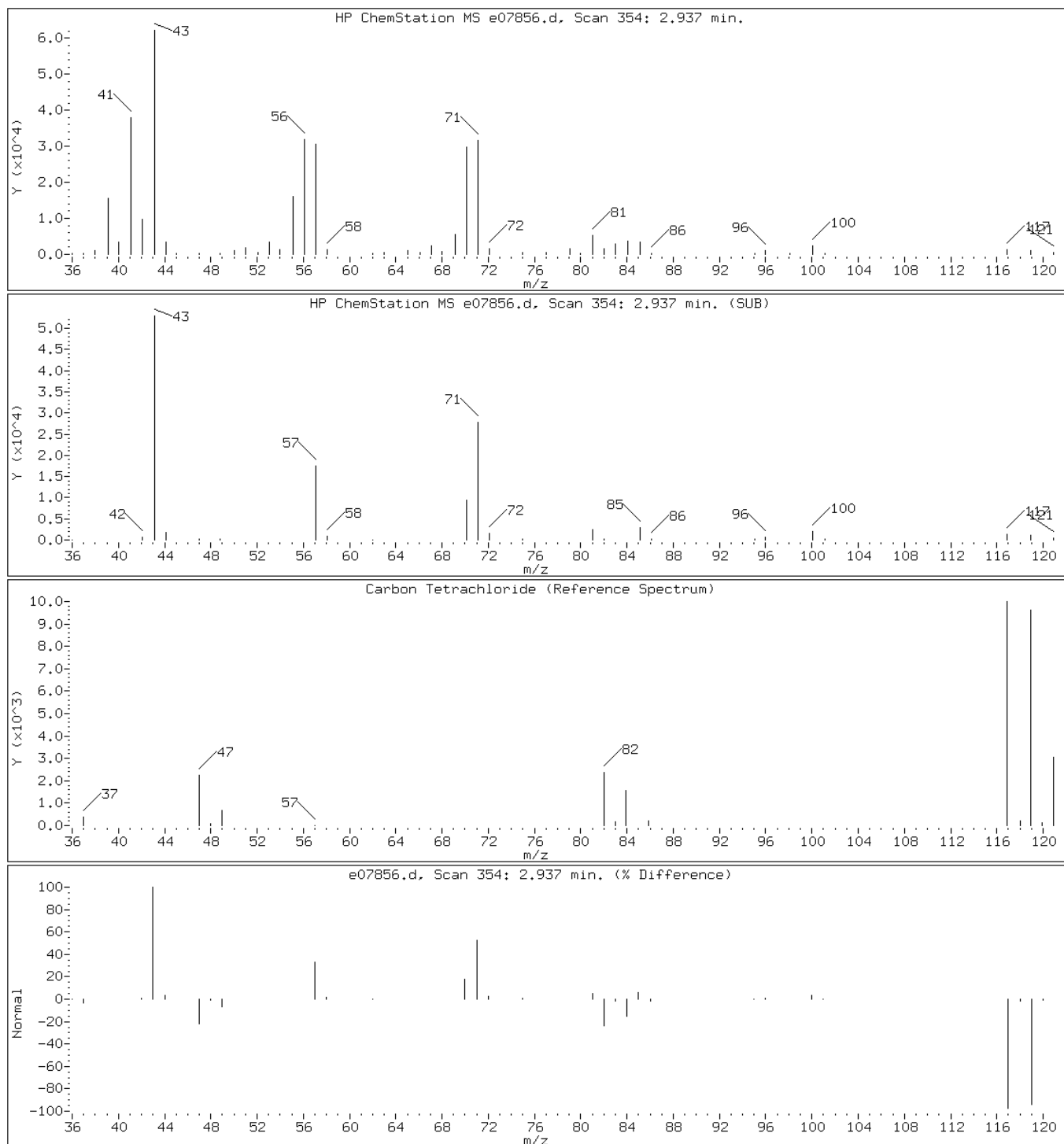
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07856.d

Date: 17-SEP-2012 13:07

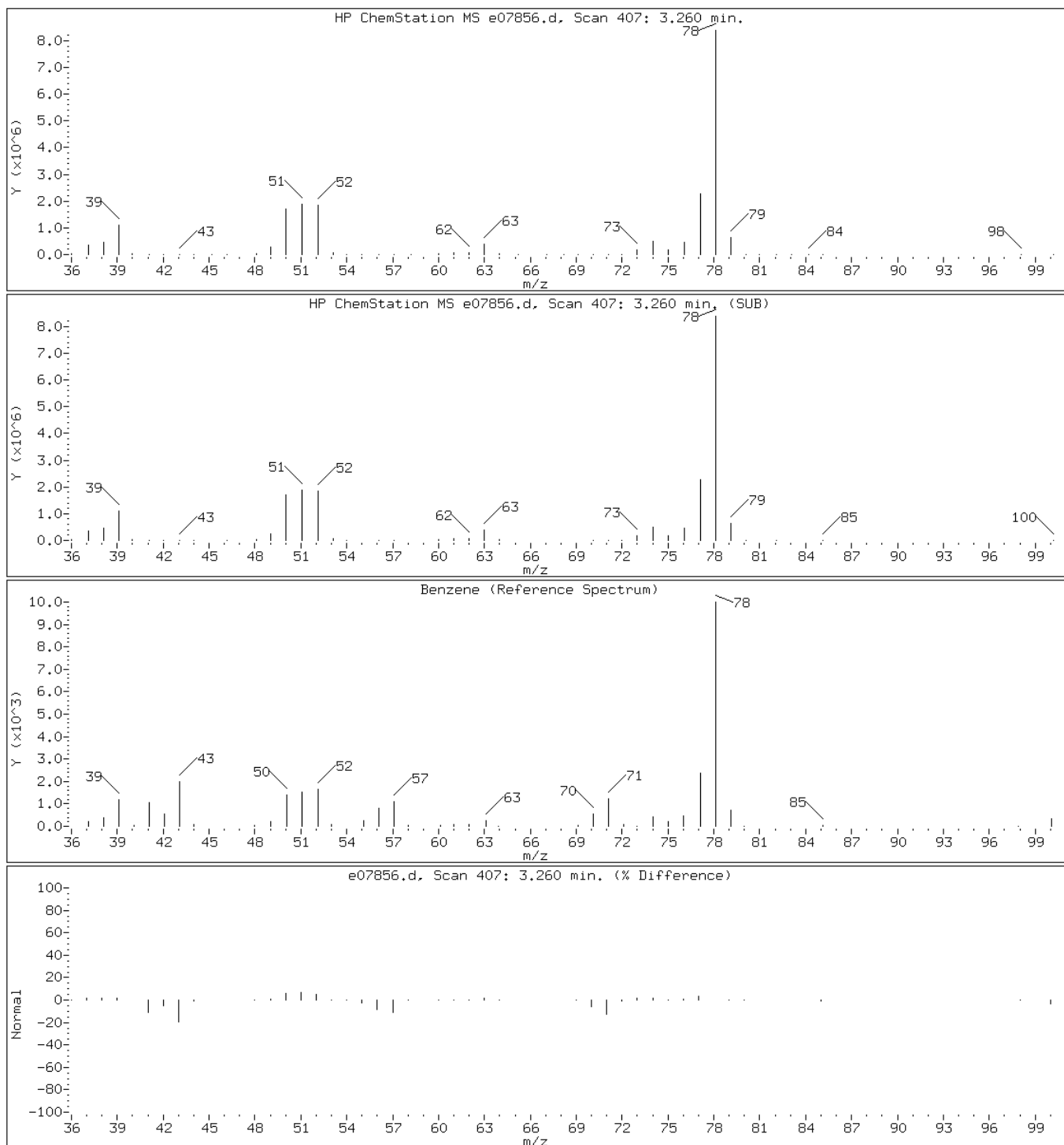
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07856.d

Date: 17-SEP-2012 13:07

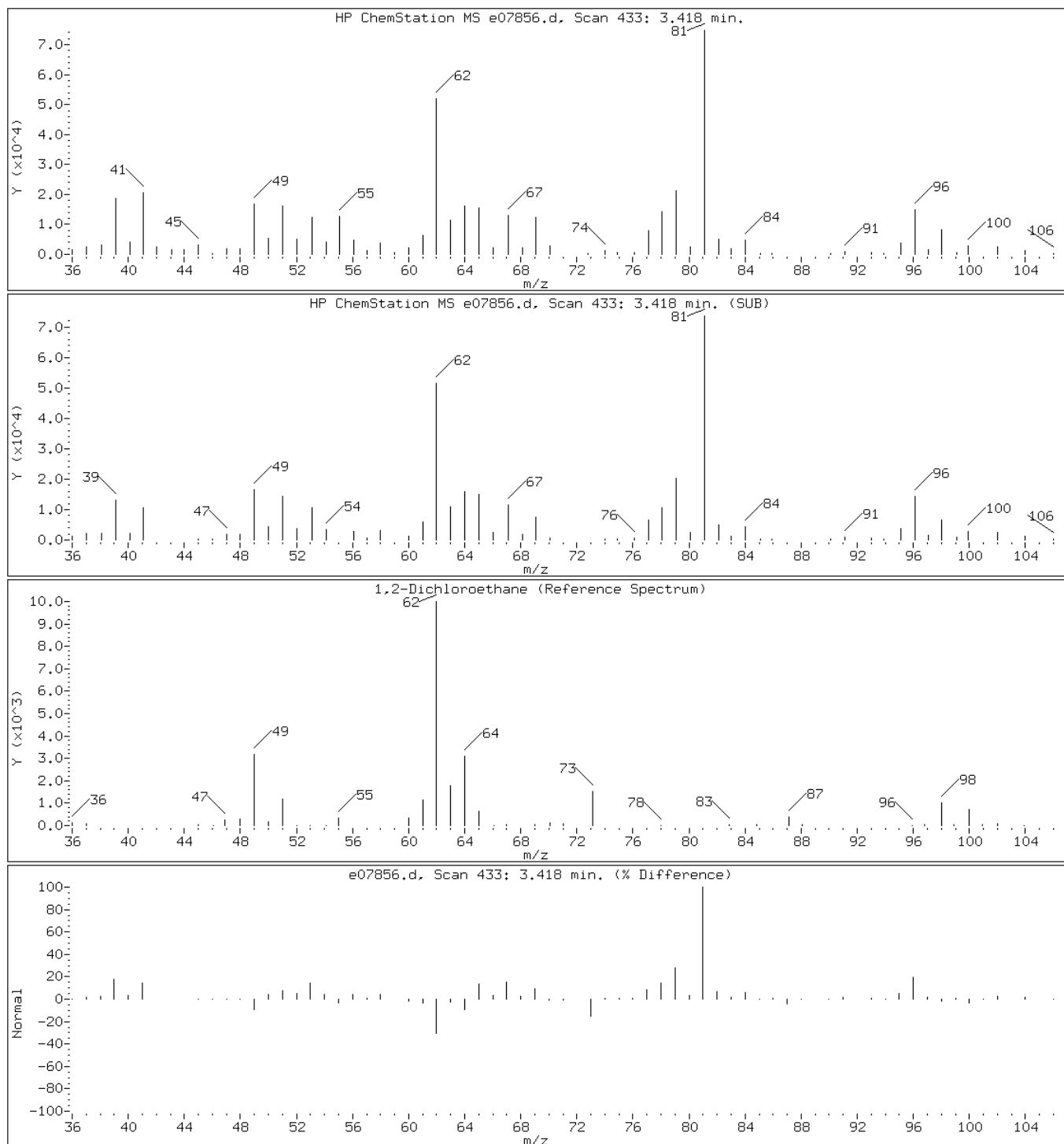
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07856.d

Date: 17-SEP-2012 13:07

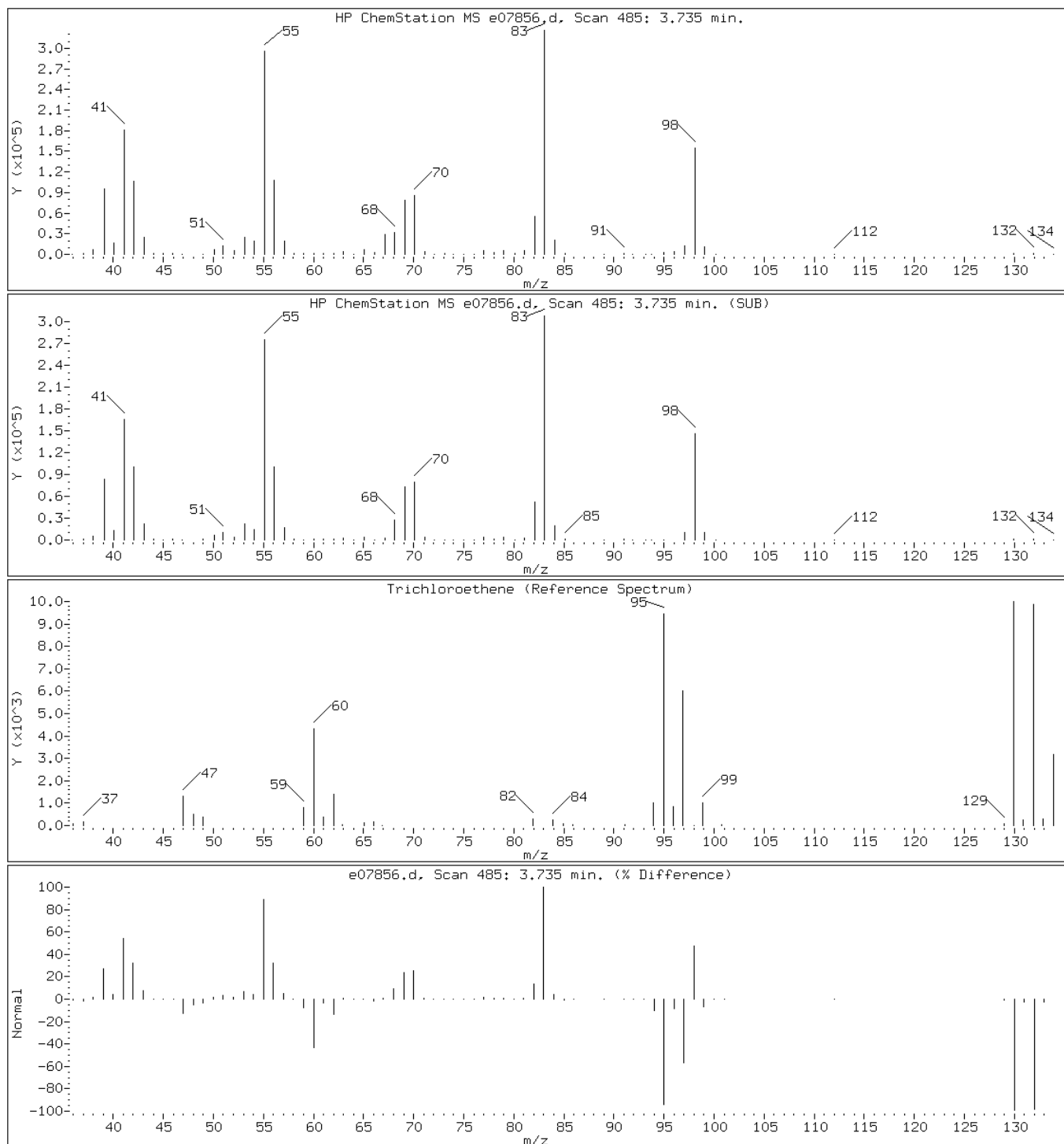
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07856.d

Date: 17-SEP-2012 13:07

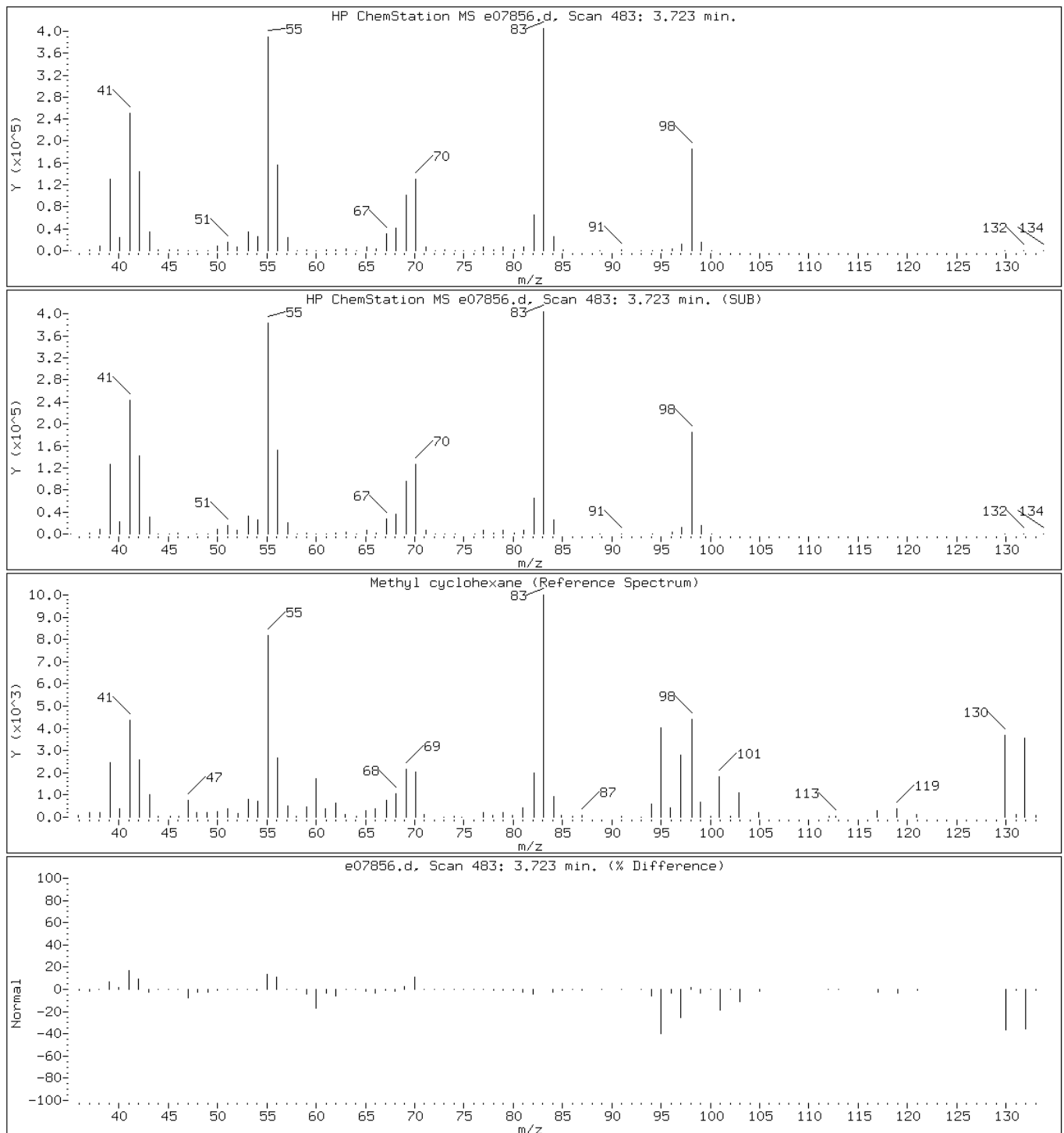
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07856.d

Date: 17-SEP-2012 13:07

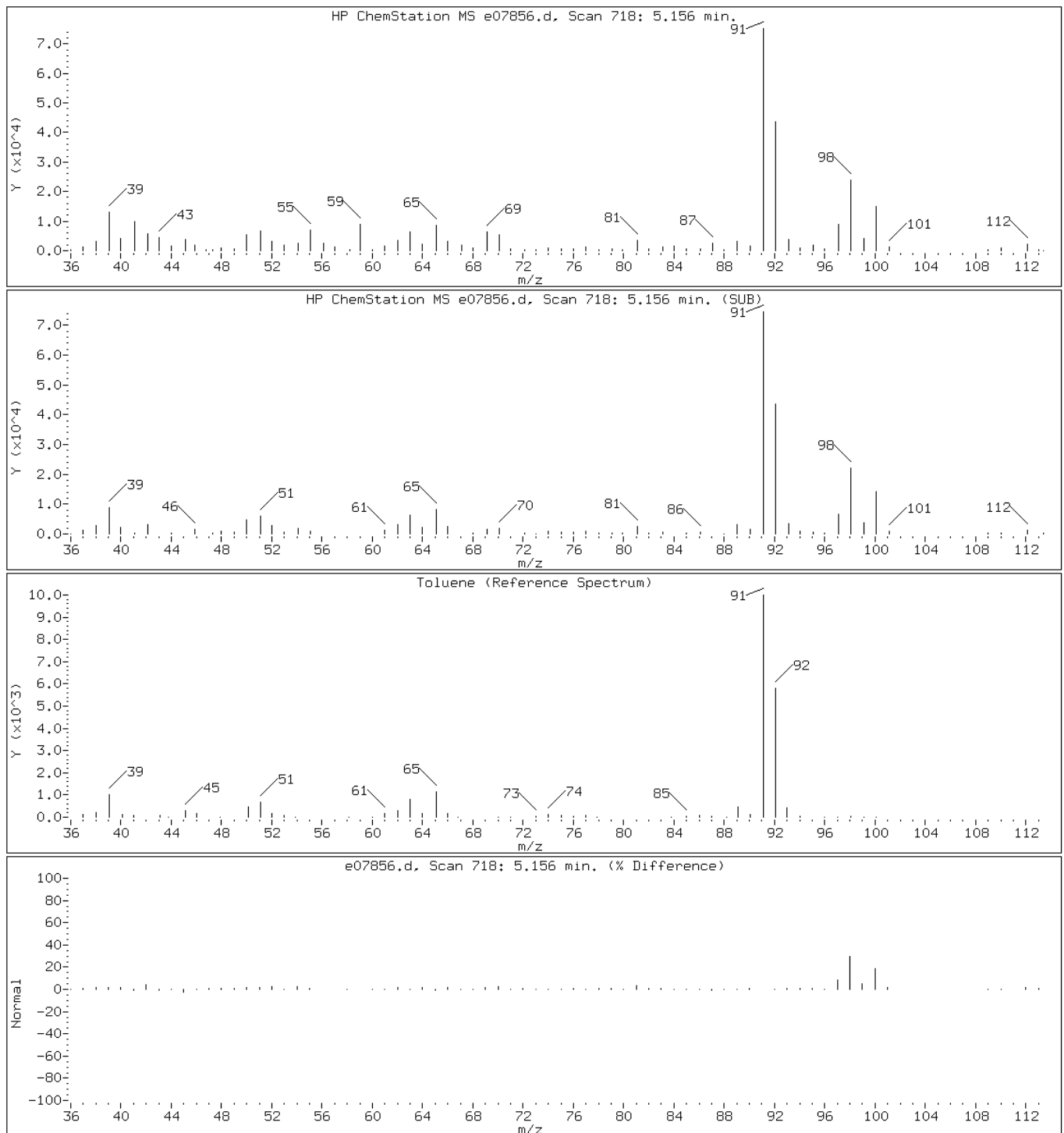
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07856.d

Date: 17-SEP-2012 13:07

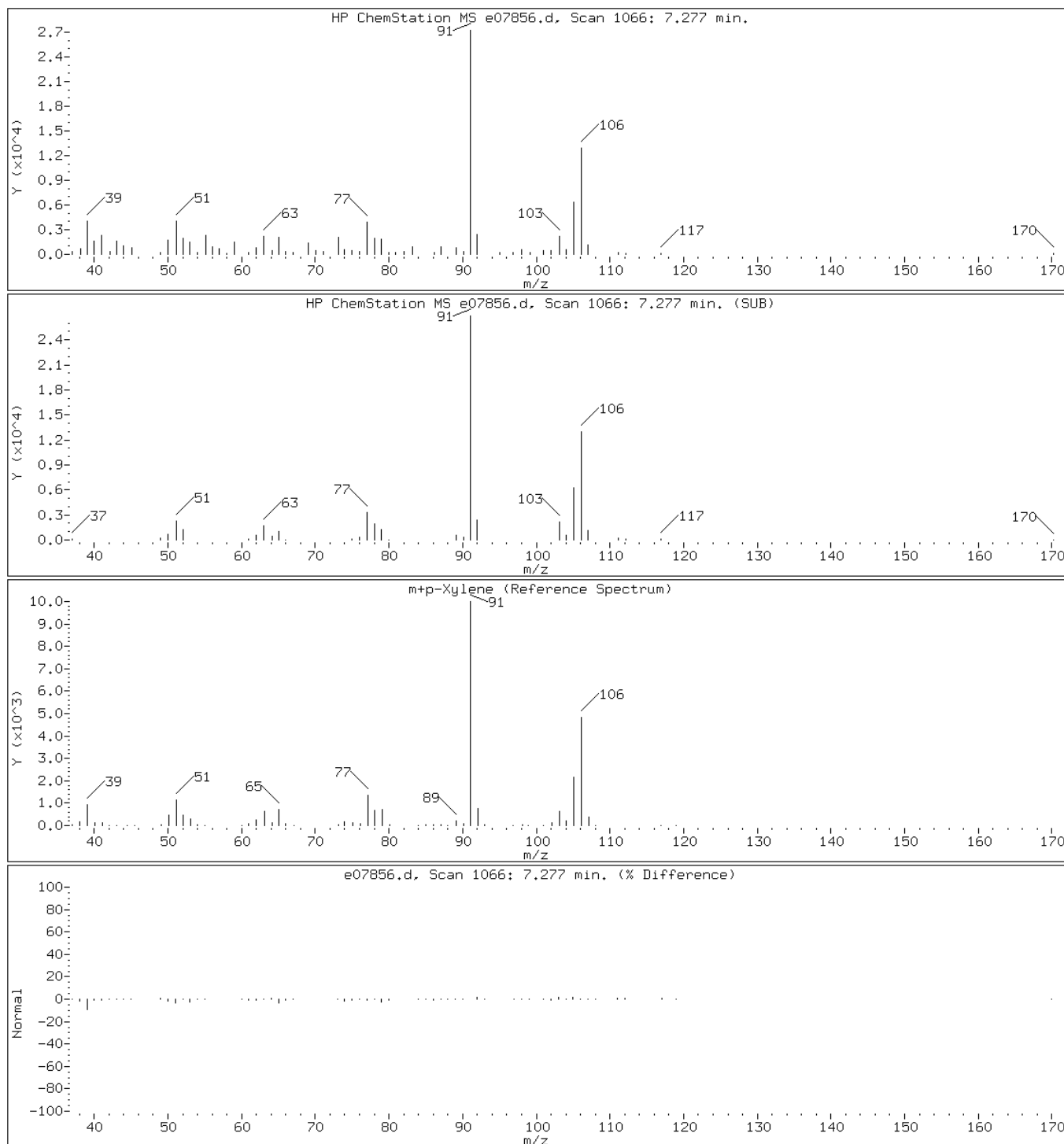
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07856.d

Date: 17-SEP-2012 13:07

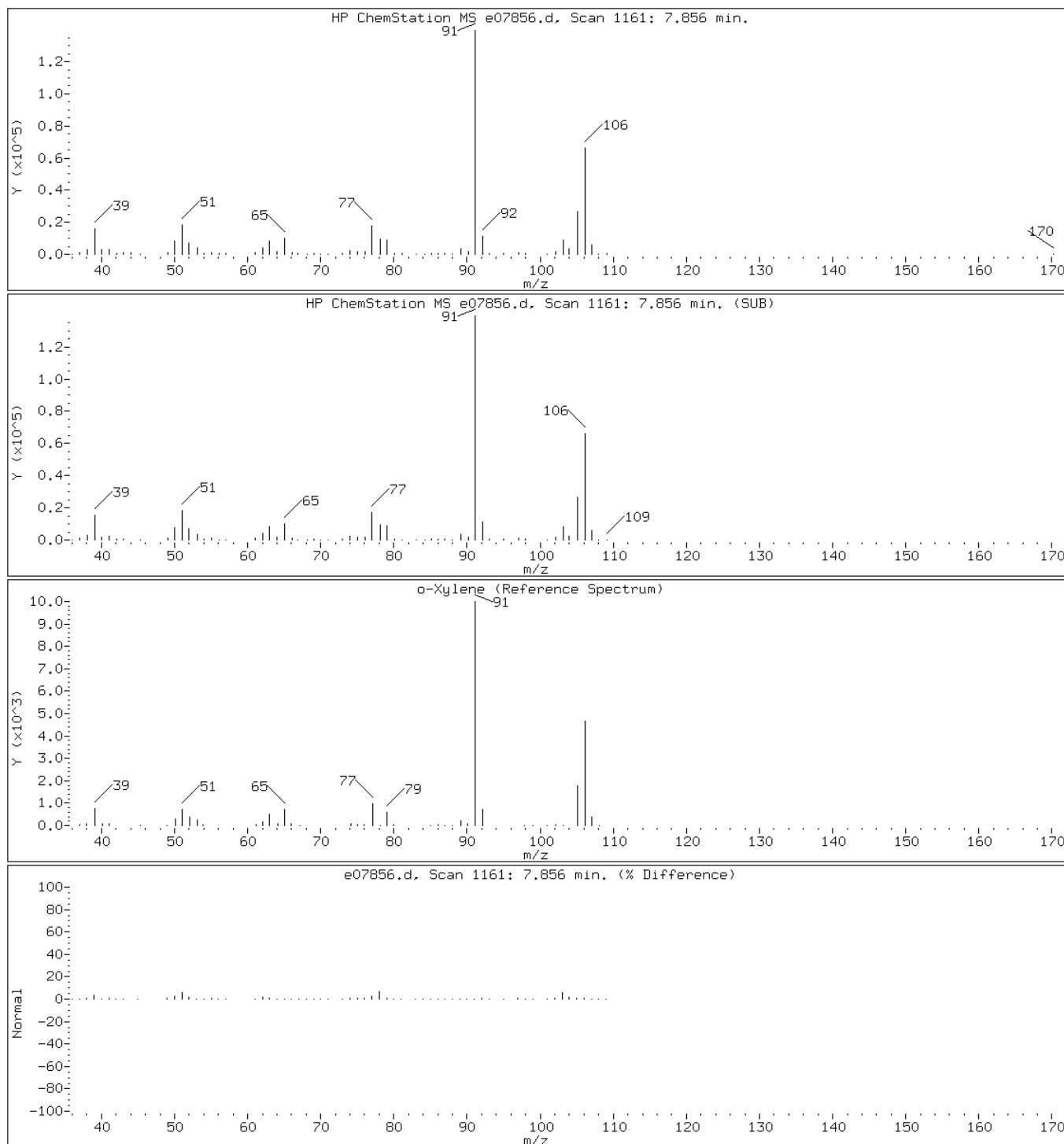
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07856.d

Date: 17-SEP-2012 13:07

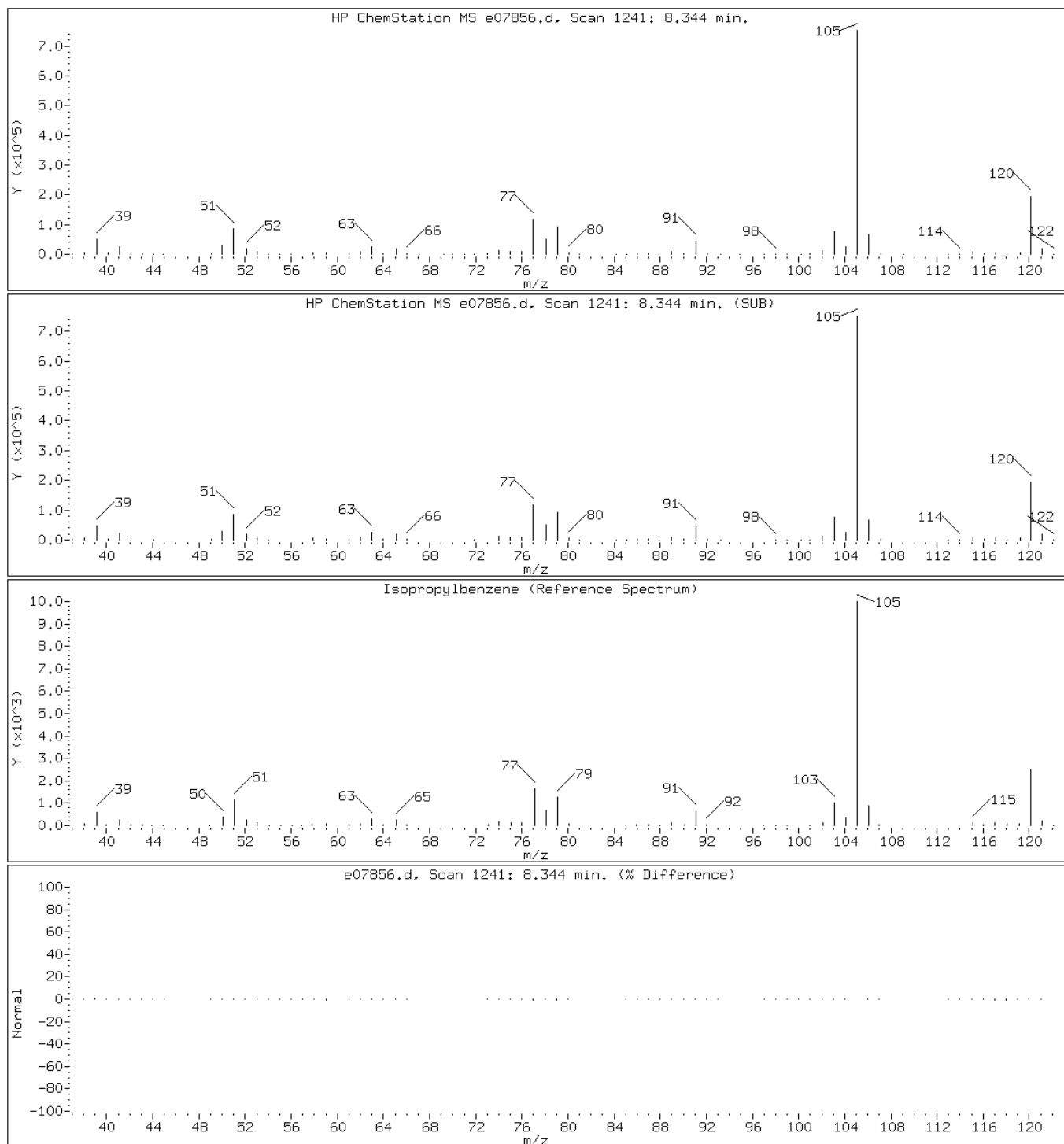
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

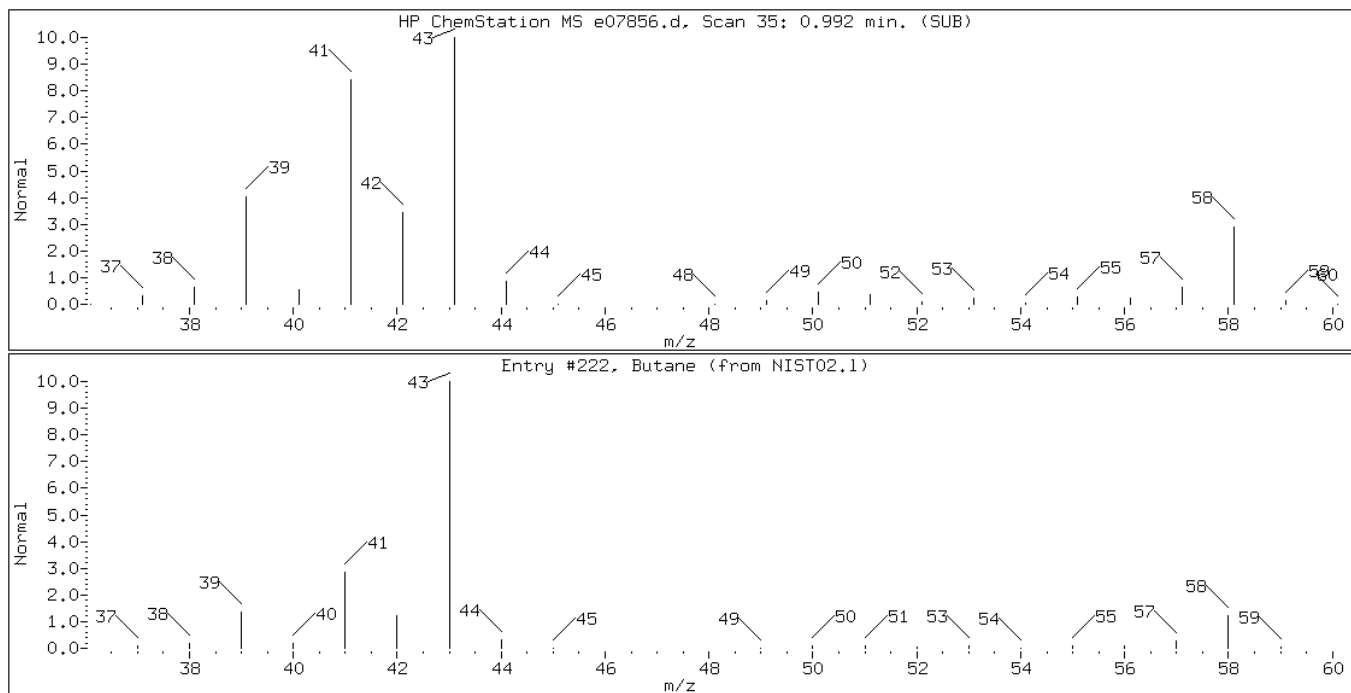
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Butane	106-97-8	NIST02.1	222	45	C4H10	58



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

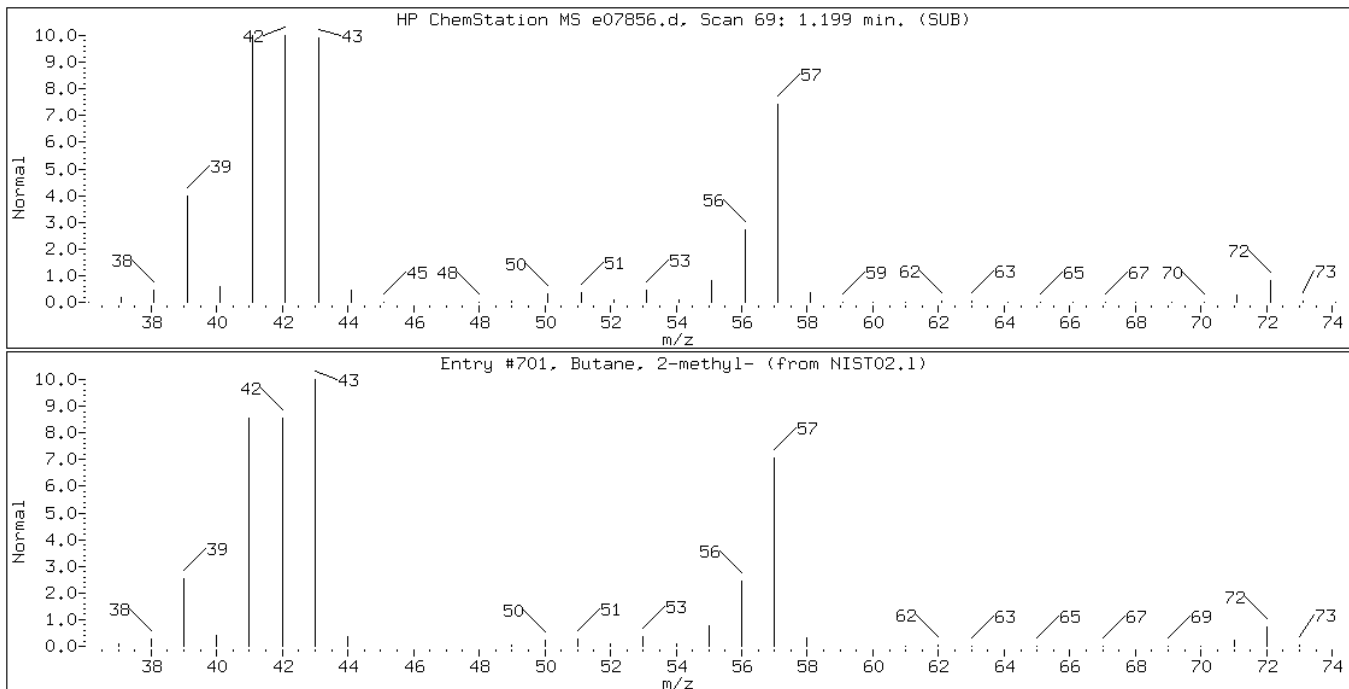
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	87	C5H12	72



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

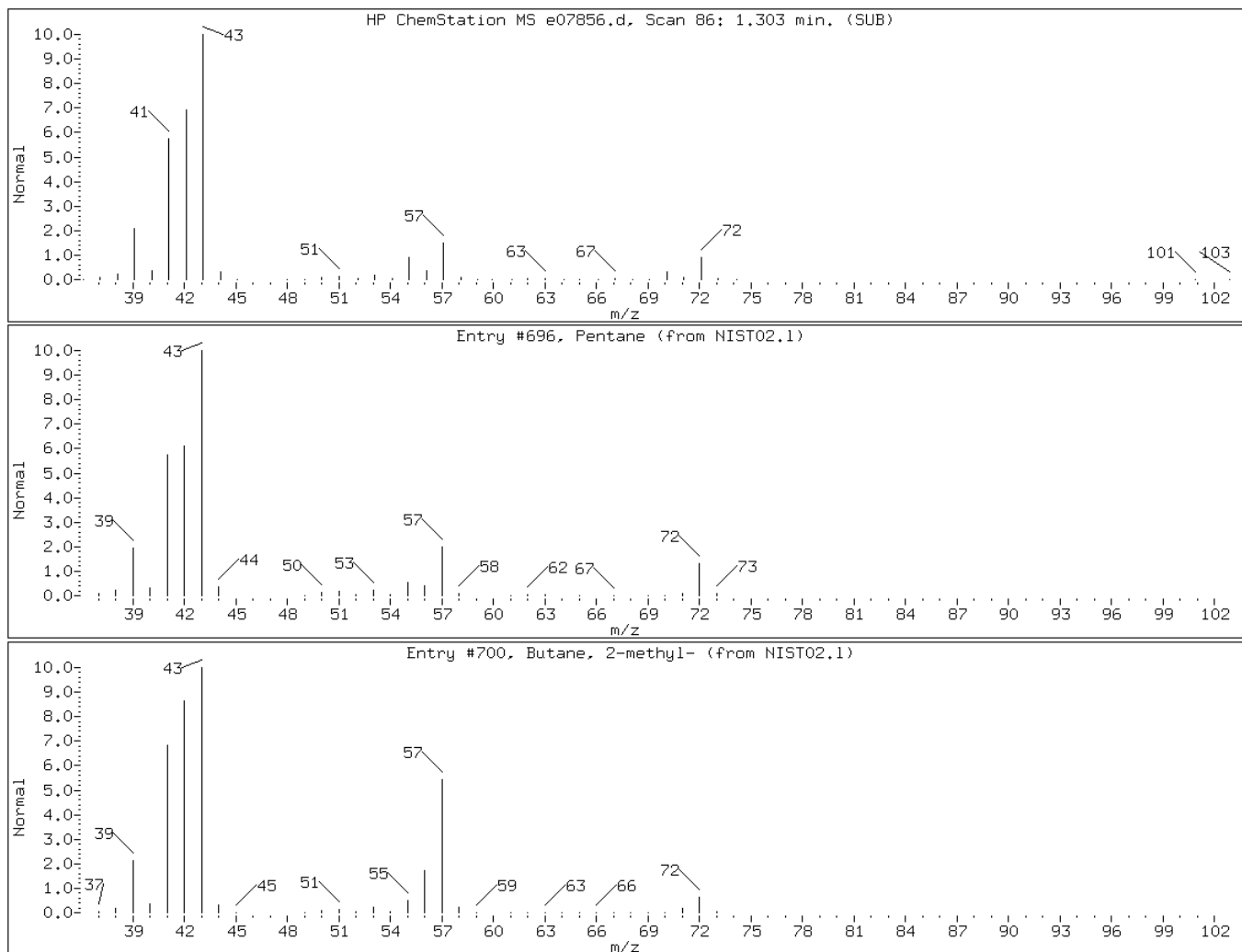
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 1.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane-1						
Pentane	109-66-0	NIST02.1	696	90	C5H12	72
Butane, 2-methyl-	78-78-4	NIST02.1	700	64	C5H12	72



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

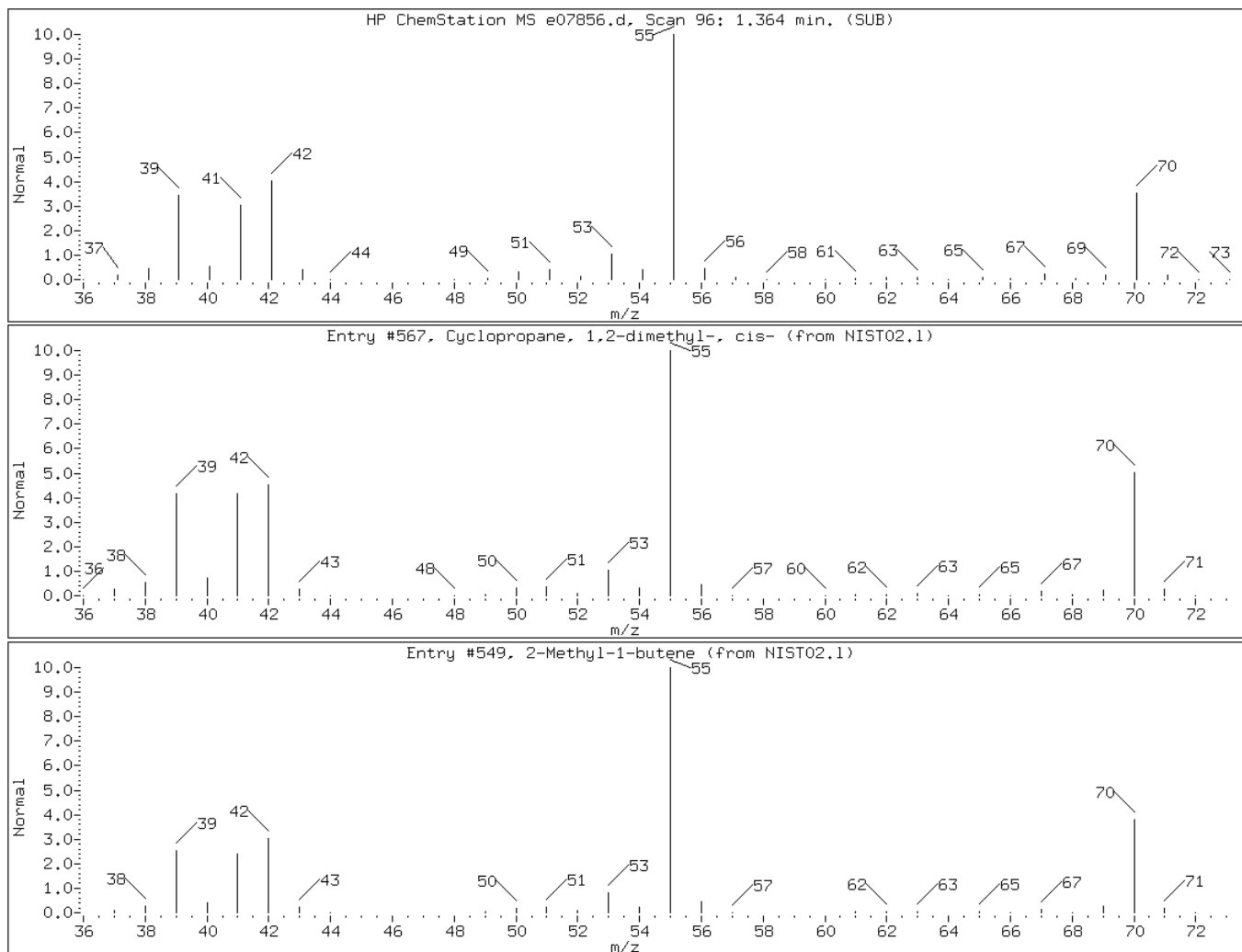
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 1.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	567	91	C5H10	70
2-Methyl-1-butene	563-46-2	NIST02.1	549	91	C5H10	70



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

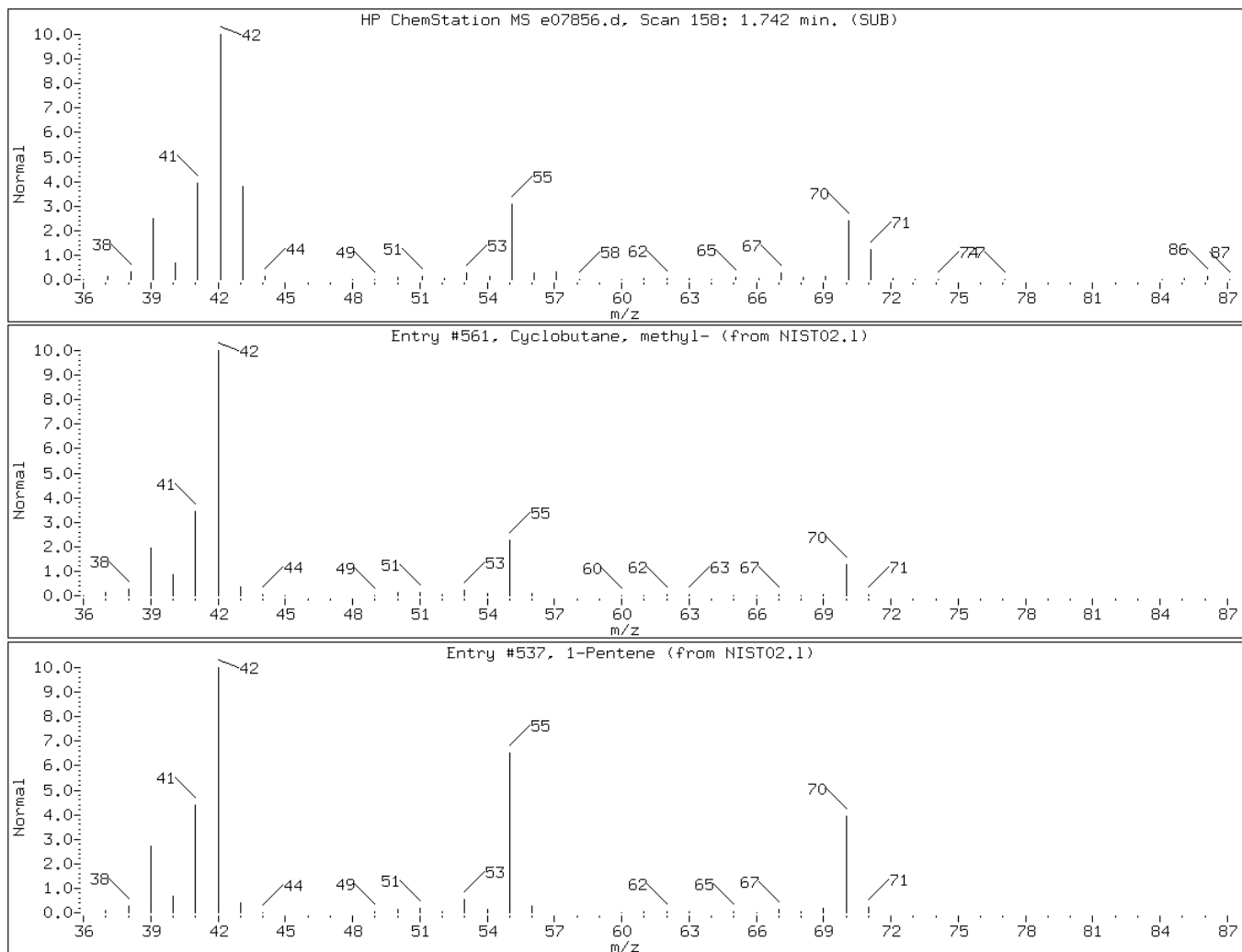
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane-1						
Cyclobutane, methyl-	598-61-8	NIST02.1	561	80	C5H10	70
1-Pentene	109-67-1	NIST02.1	537	64	C5H10	70



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

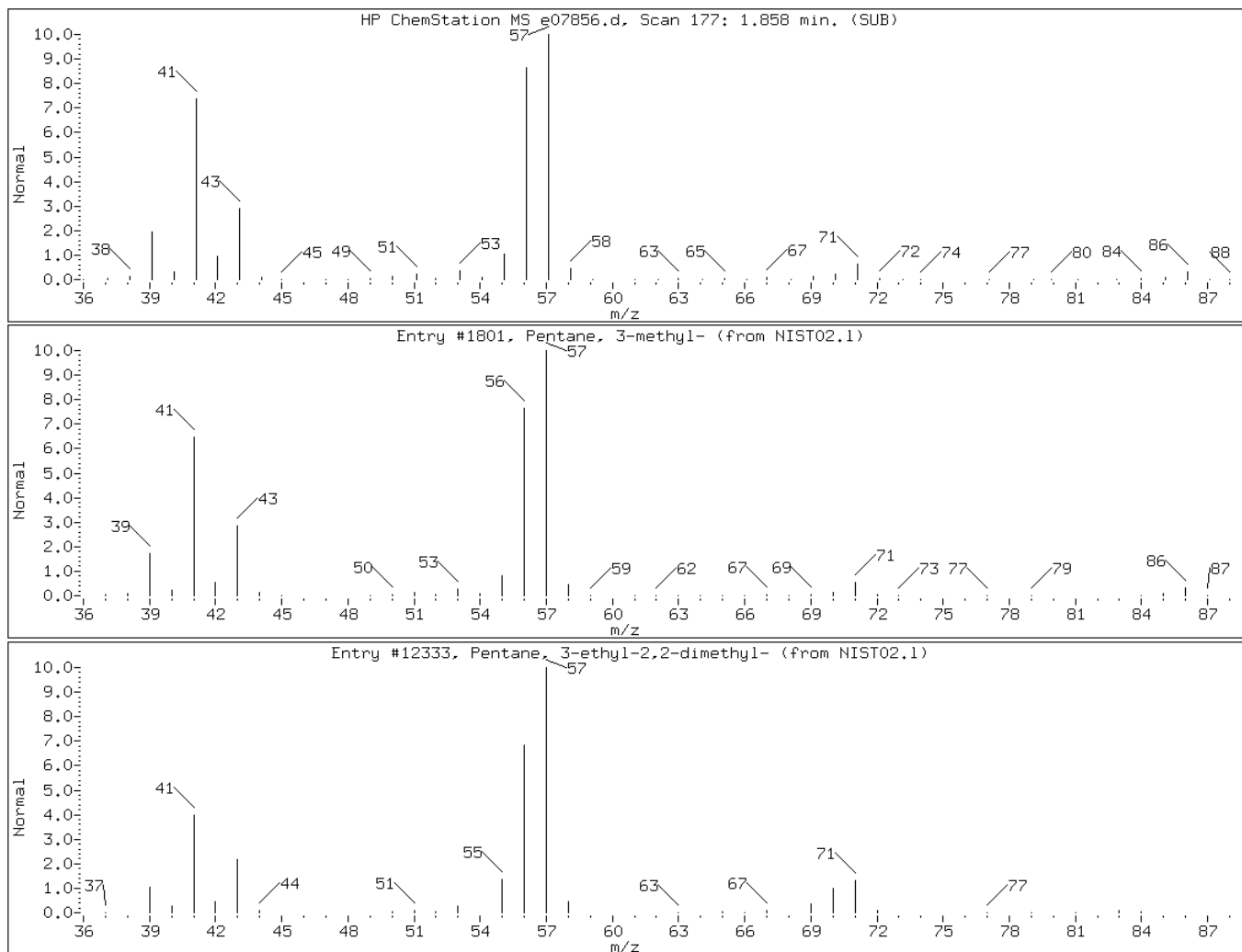
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 1.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Pentane, 3-methyl-	96-14-0	NIST02.1	1801	91	C6H14	86
Pentane, 3-ethyl-2,2-dimethyl-	16747-32-3	NIST02.1	12333	64	C9H20	128



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

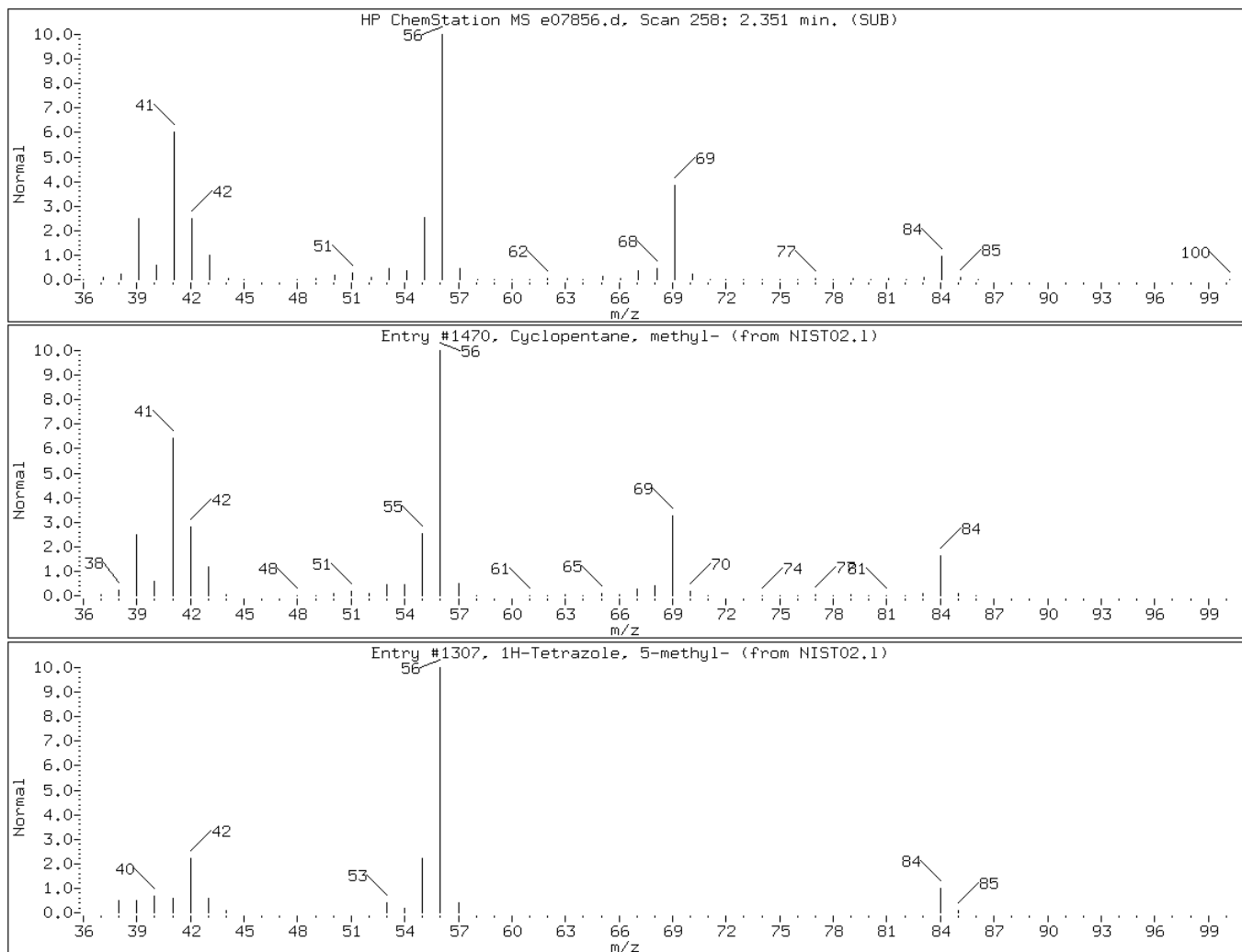
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	80	C2H4N4	84



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

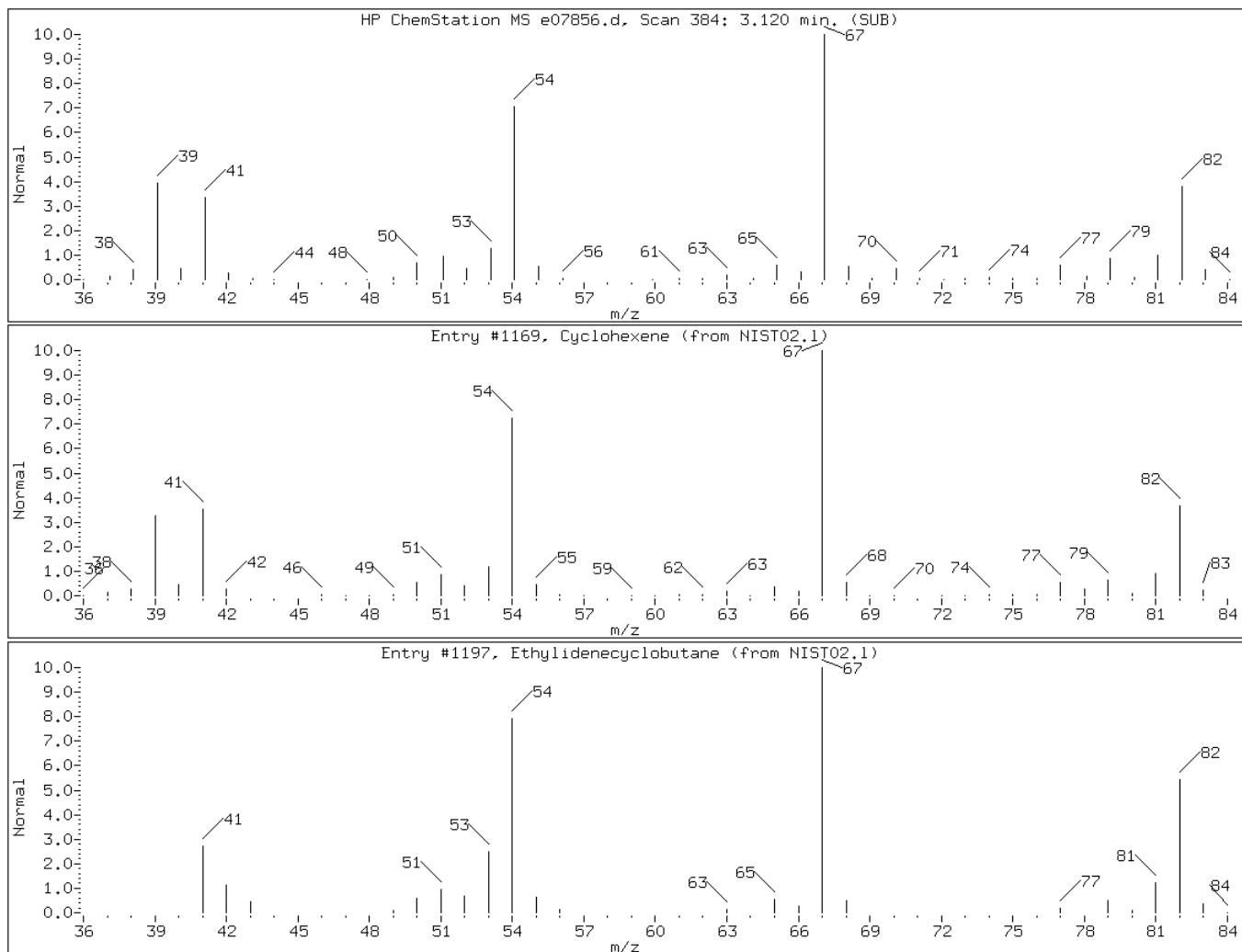
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclohexene	110-83-8	NIST02.1	1169	93	C6H10	82
Ethylidenecyclobutane	1528-21-8	NIST02.1	1197	90	C6H10	82



Data File: e07856.d

Date: 17-SEP-2012 13:07

Client ID: WG-17338-091112-VAS

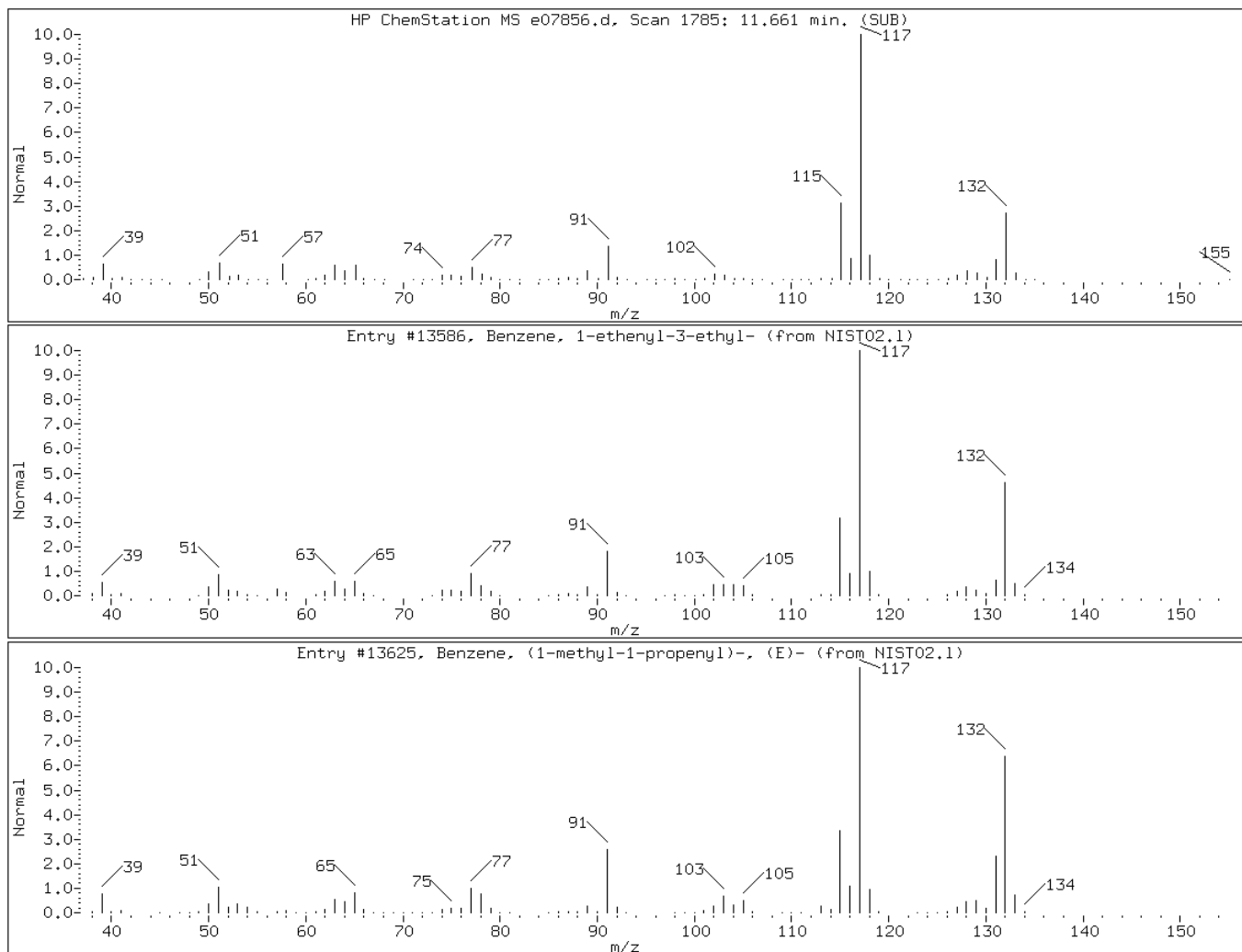
Instrument: VOAMS5.i

Sample Info: 460-44505-A-1

Operator: GC/MS VOAMS5

Retention Time: 11.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	90	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.1	13625	87	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-2
 Matrix: Water Lab File ID: e07857.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.25	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.52	J	1.0	0.10
110-82-7	Cyclohexane	150		1.0	0.16
56-23-5	Carbon tetrachloride	0.074	J	1.0	0.060
71-43-2	Benzene	250		1.0	0.080
107-06-2	1,2-Dichloroethane	3.5		1.0	0.19
79-01-6	Trichloroethene	0.27	J	1.0	0.090
108-87-2	Methylcyclohexane	60		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	2.1		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-2
 Matrix: Water Lab File ID: e07857.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	4.3		3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	38		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-2
Matrix: Water Lab File ID: e07857.d
Analysis Method: 8260B Date Collected: 09/11/2012 10:30
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:31
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 10 TIC Result Total: 1448

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.94	32	J
	C4H10 Alkane-1	0.99	350	J
	C5H12 Alkane	1.21	460	J
	C5H12 Alkane-1	1.30	45	J
	C6H14 Alkane	1.74	240	J
	C6H14 Alkane-1	1.86	63	J
	C6H12 Cycloalkane	2.35	120	J
	C6H10 Cycloalkene	3.12	44	J
	C10H14 Aromatic	11.59	33	J
	C10H12 Aromatic	11.67	61	J

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07857.d
 Report Date: 17-Sep-2012 16:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07857.d
 Lab Smp Id: 460-44505-A-2 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 13:31
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-2
 Misc Info : 460-44505-A-2
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 23
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
28 MTBE		73	2.010	2.022 (0.559)		8274	0.24600	0.25(a)
44 Cyclohexane		56	2.784	2.790 (0.774)		3016111	154.049	150
45 Carbon Tetrachloride		117	2.931	2.936 (0.815)		1003	0.07391	0.074(a)
48 Benzene		78	3.260	3.260 (0.469)		11934141	251.615	250
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.369 (0.936)		675435	54.0452	54
49 1,2-Dichloroethane		62	3.418	3.424 (0.951)		55890	3.49406	3.5
* 52 Fluorobenzene		96	3.595	3.601 (1.000)		2428959	50.0000	
54 Trichloroethene		95	3.741	3.753 (1.041)		3118	0.26588	0.26(a)
56 Methyl cyclohexane		83	3.729	3.741 (1.037)		961677	60.2301	60
\$ 65 Toluene-d8 (SUR)		98	5.107	5.113 (0.734)		2216067	50.1991	50
66 Toluene		91	5.162	5.168 (0.742)		111145	2.07075	2.1
* 78 Chlorobenzene-d5		117	6.954	6.972 (1.000)		1883291	50.0000	
81 Ethylbenzene		106	7.064	7.094 (1.016)		9730	0.52158	0.52(a)
82 m+p-Xylene		106	7.277	7.308 (1.046)		18773	0.79145	0.79(a)
84 o-Xylene		106	7.862	7.887 (1.131)		80950	3.49935	3.5
88 Isopropylbenzene		105	8.350	8.368 (1.201)		2222459	37.8091	38

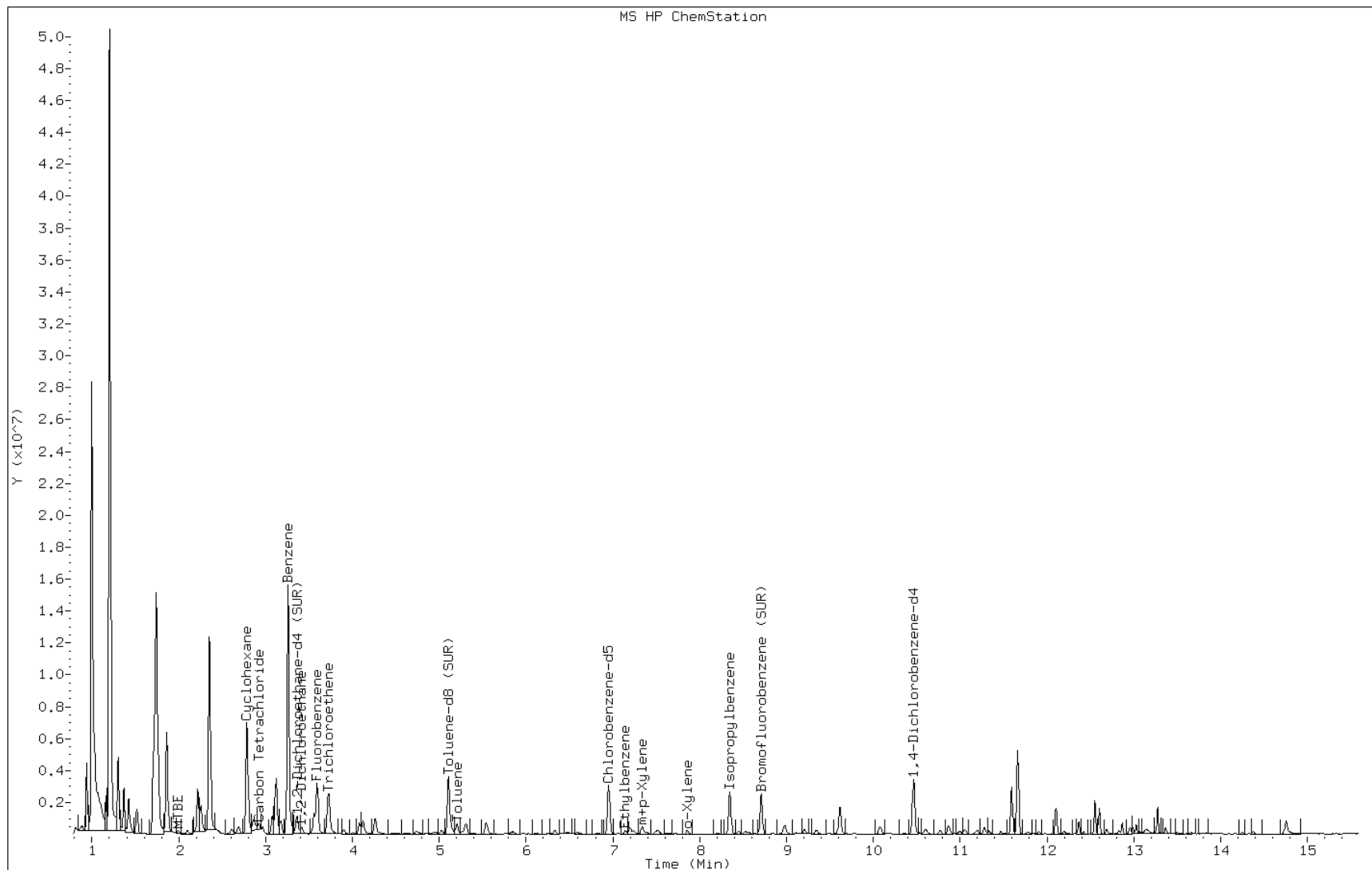
Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07857.d
 Report Date: 17-Sep-2012 16:10

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	819500	49.8791	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1015976	50.0000		
M 121 Xylene (Total)	100				99723	4.29080	4.3	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Operator: GC/MS VOAMS5



Data File: e07857.d

Date: 17-SEP-2012 13:31

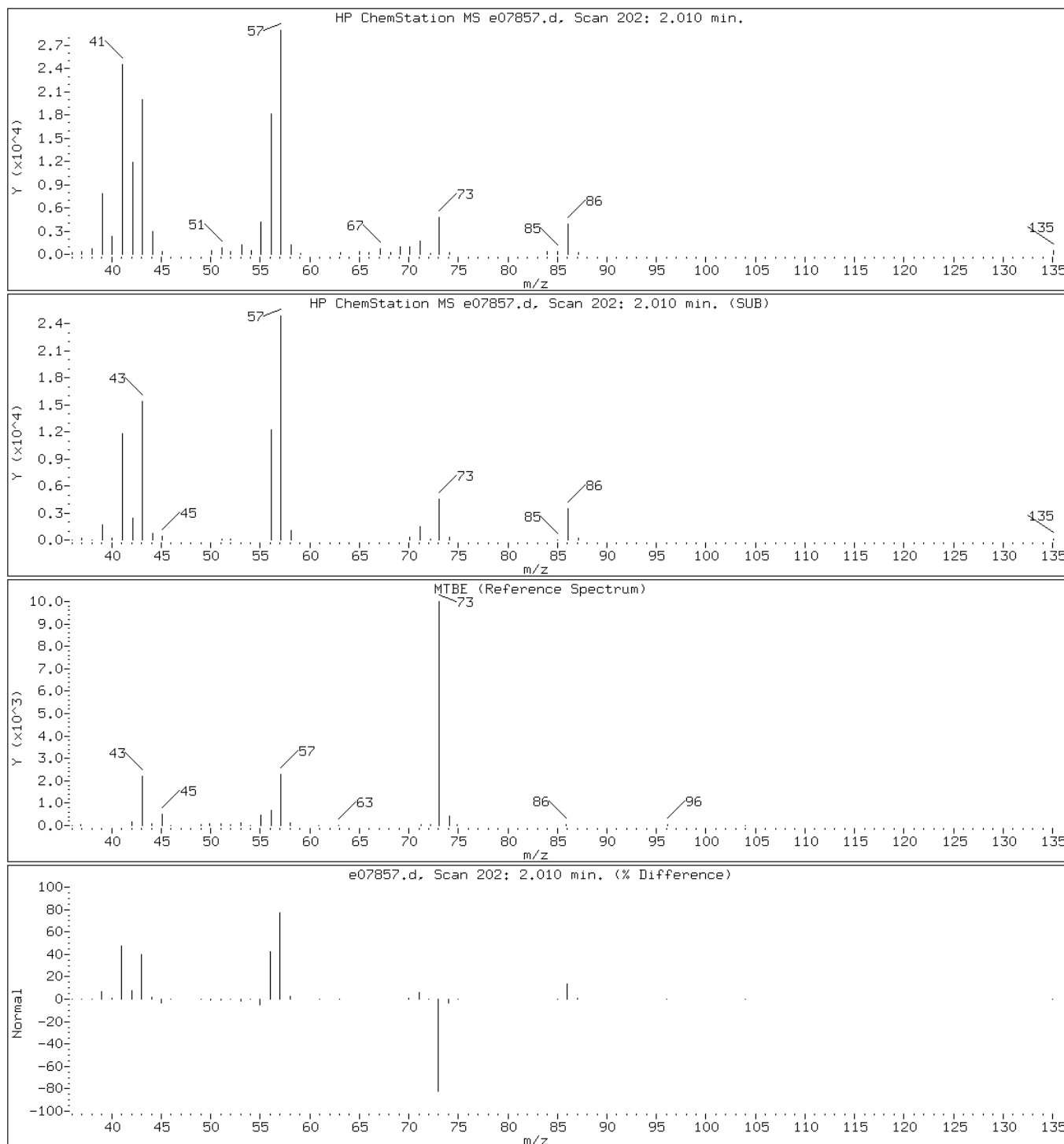
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07857.d

Date: 17-SEP-2012 13:31

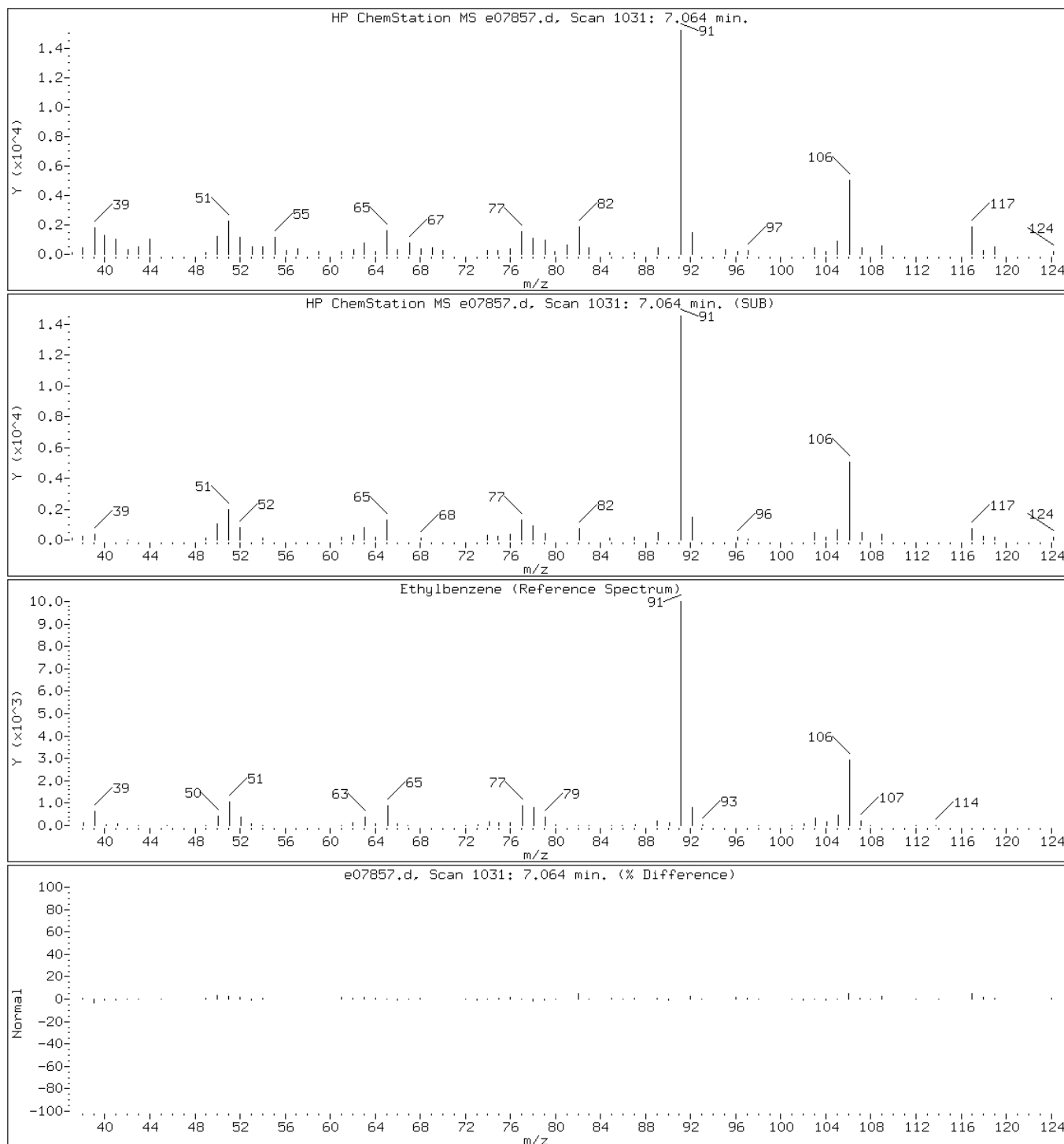
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07857.d

Date: 17-SEP-2012 13:31

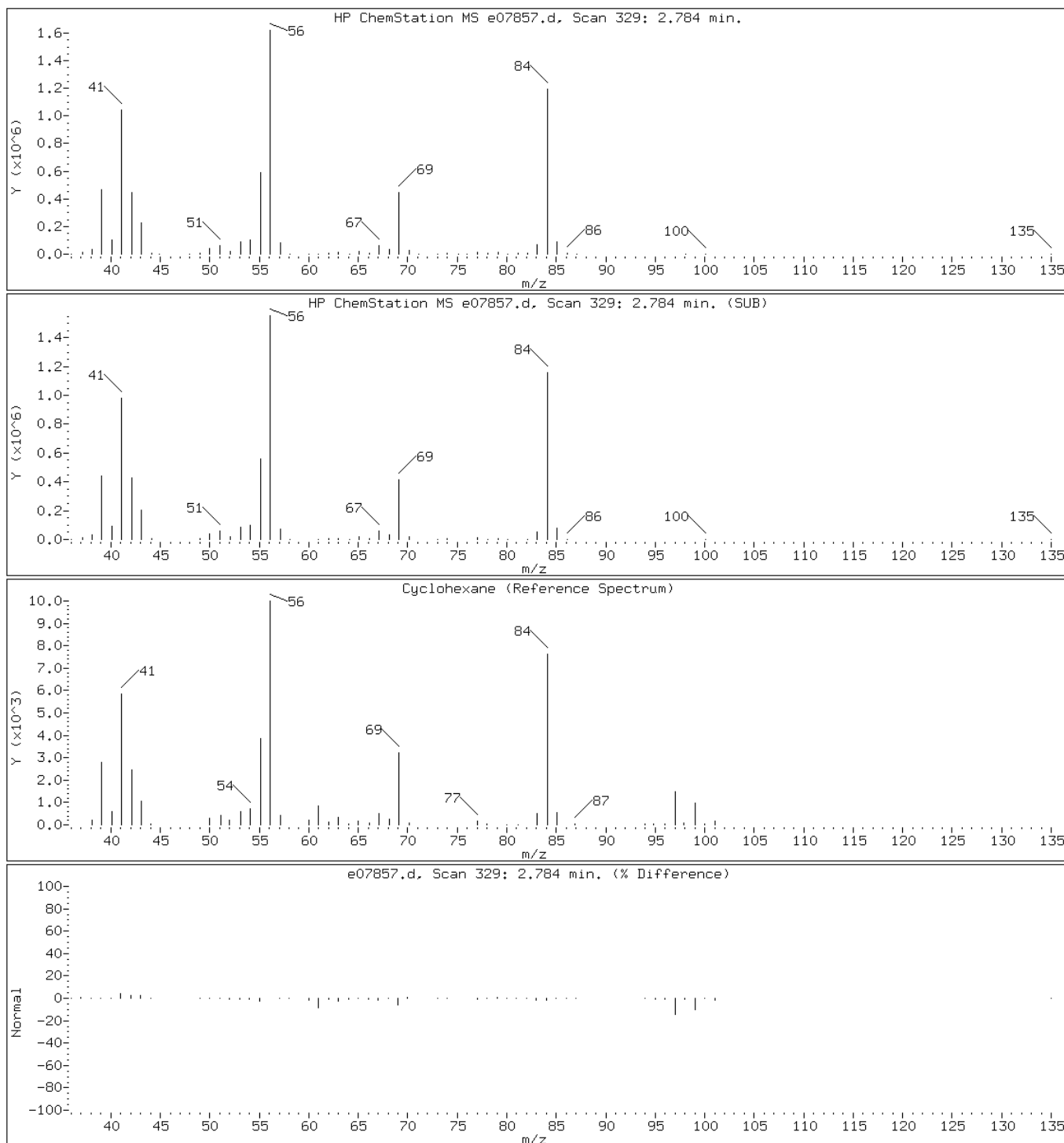
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07857.d

Date: 17-SEP-2012 13:31

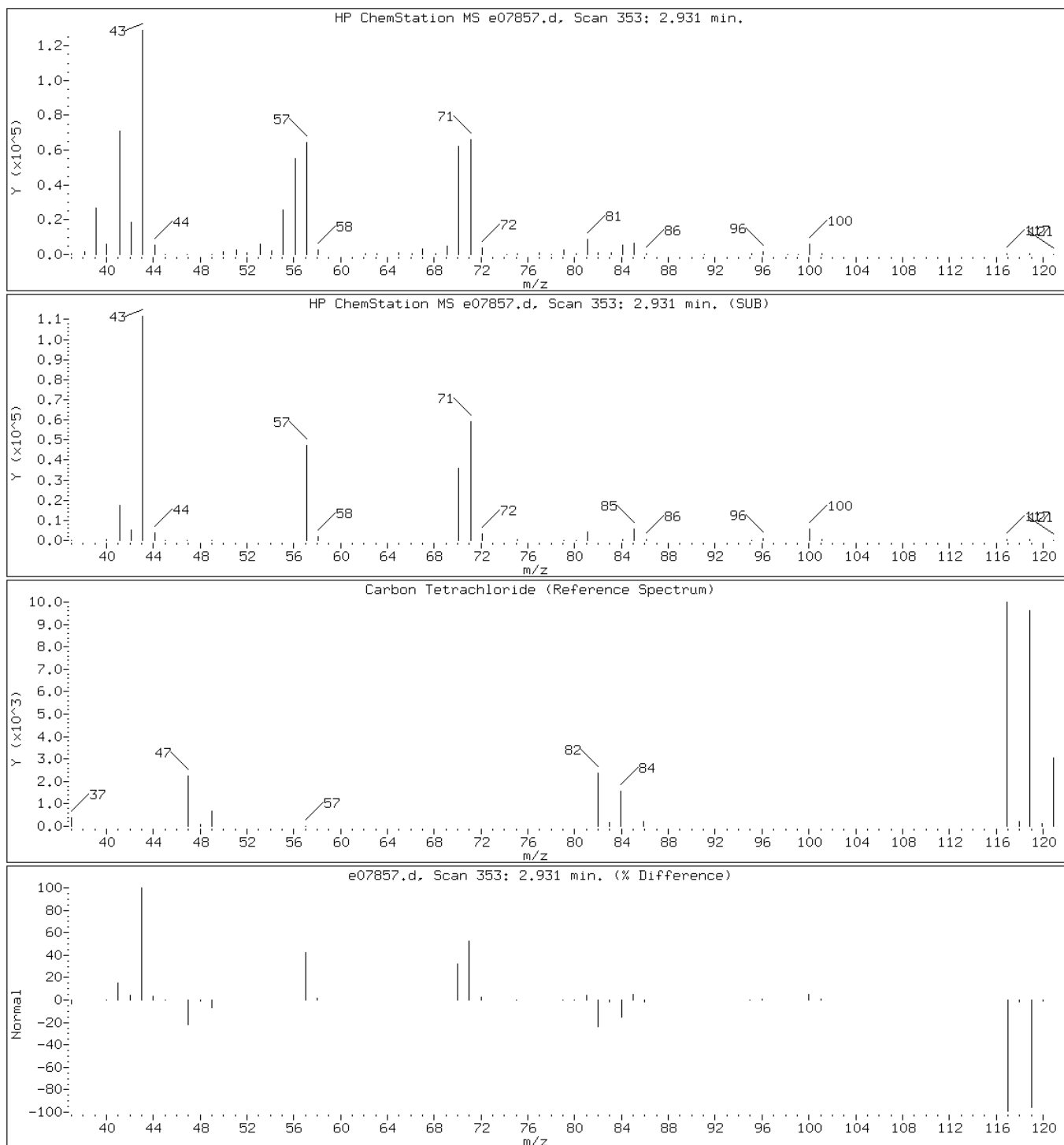
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07857.d

Date: 17-SEP-2012 13:31

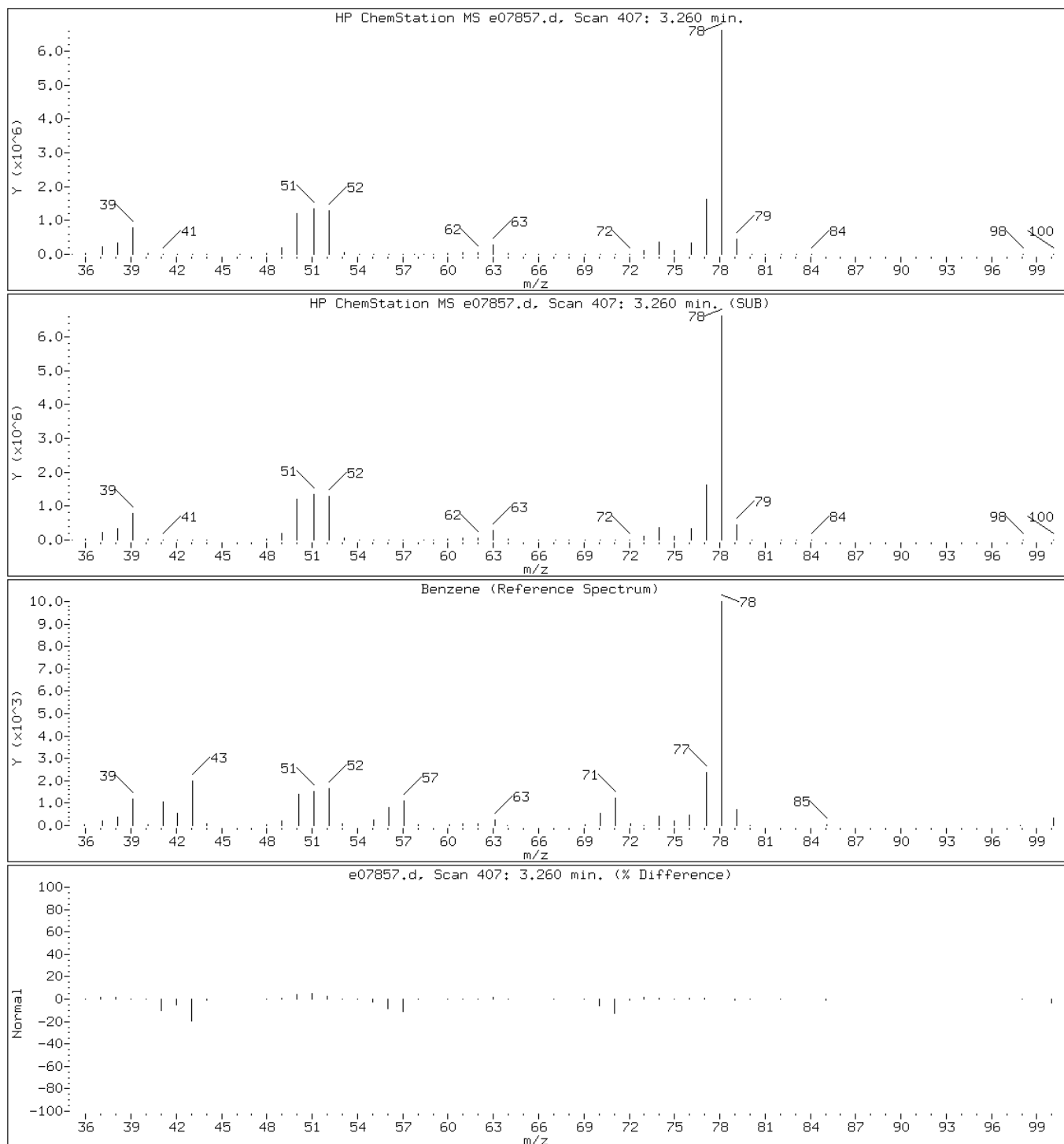
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07857.d

Date: 17-SEP-2012 13:31

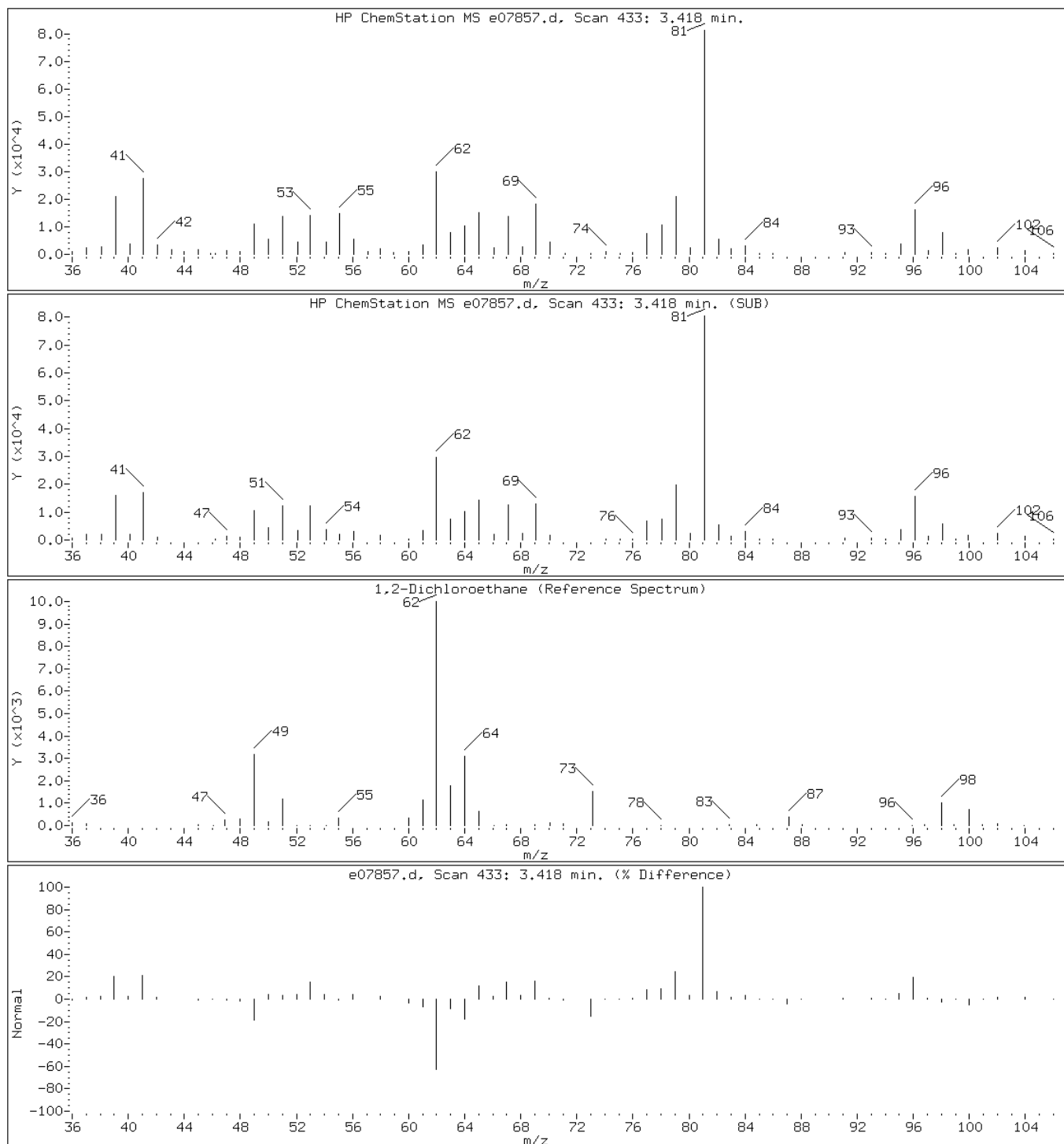
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07857.d

Date: 17-SEP-2012 13:31

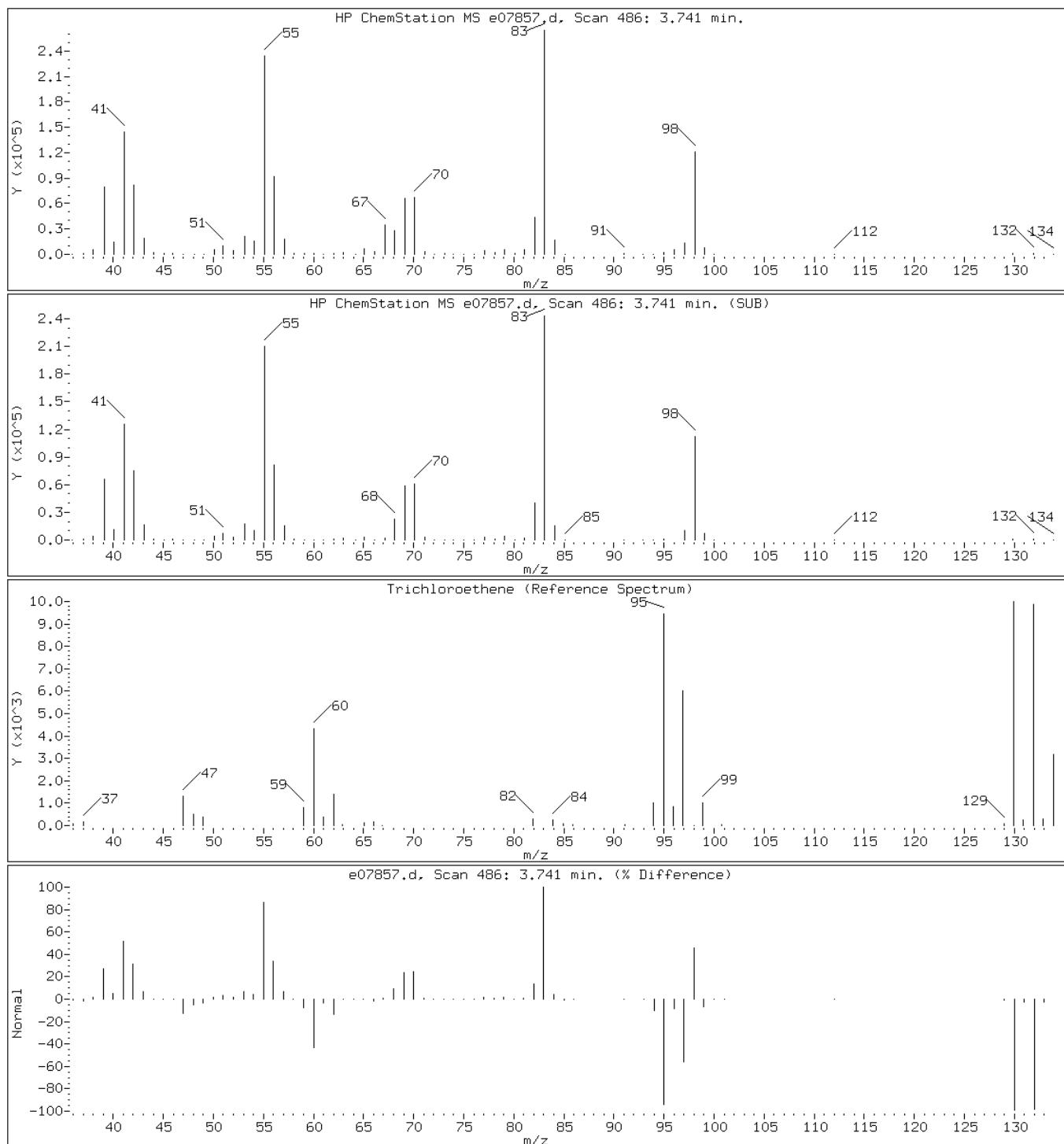
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07857.d

Date: 17-SEP-2012 13:31

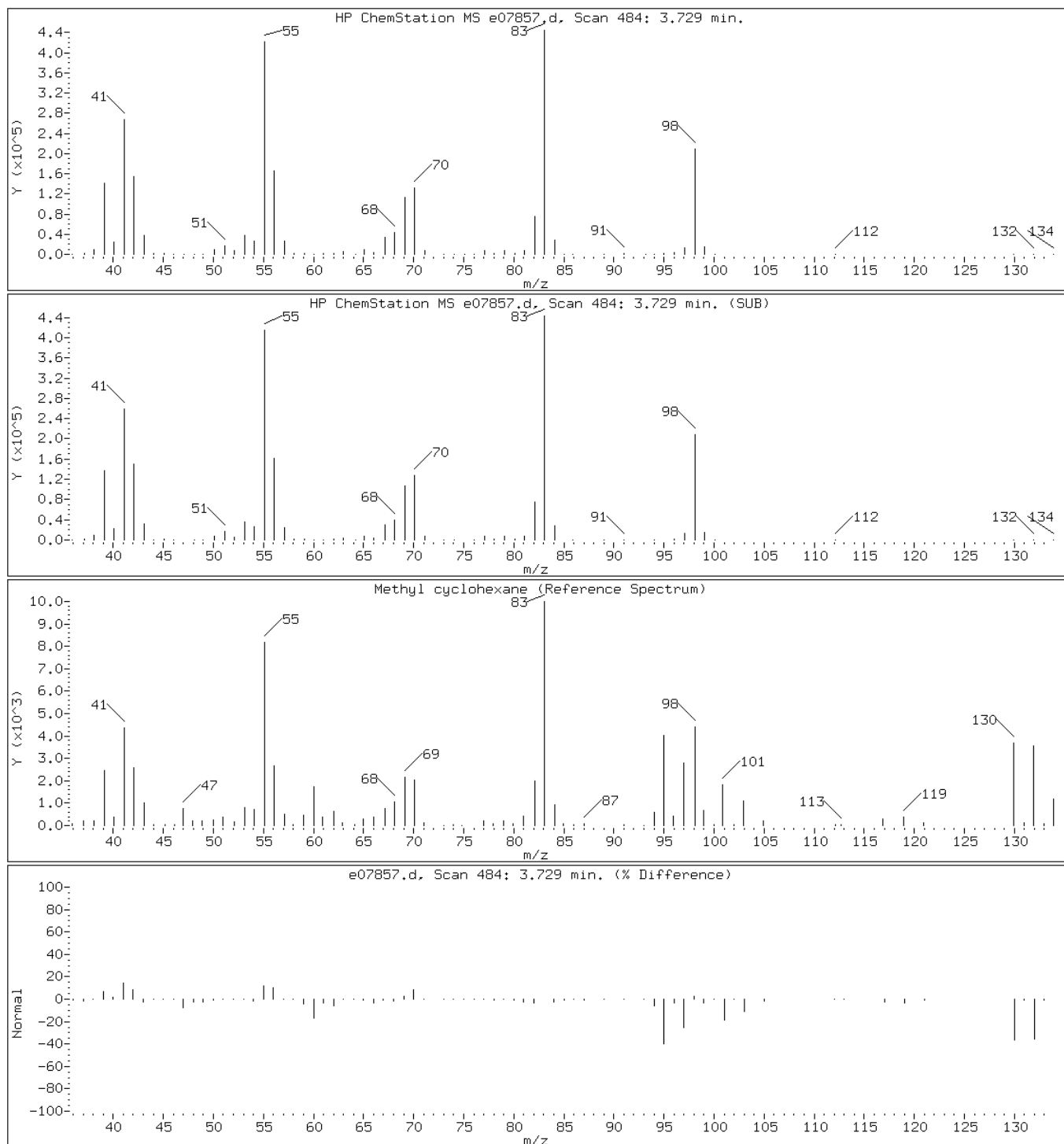
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07857.d

Date: 17-SEP-2012 13:31

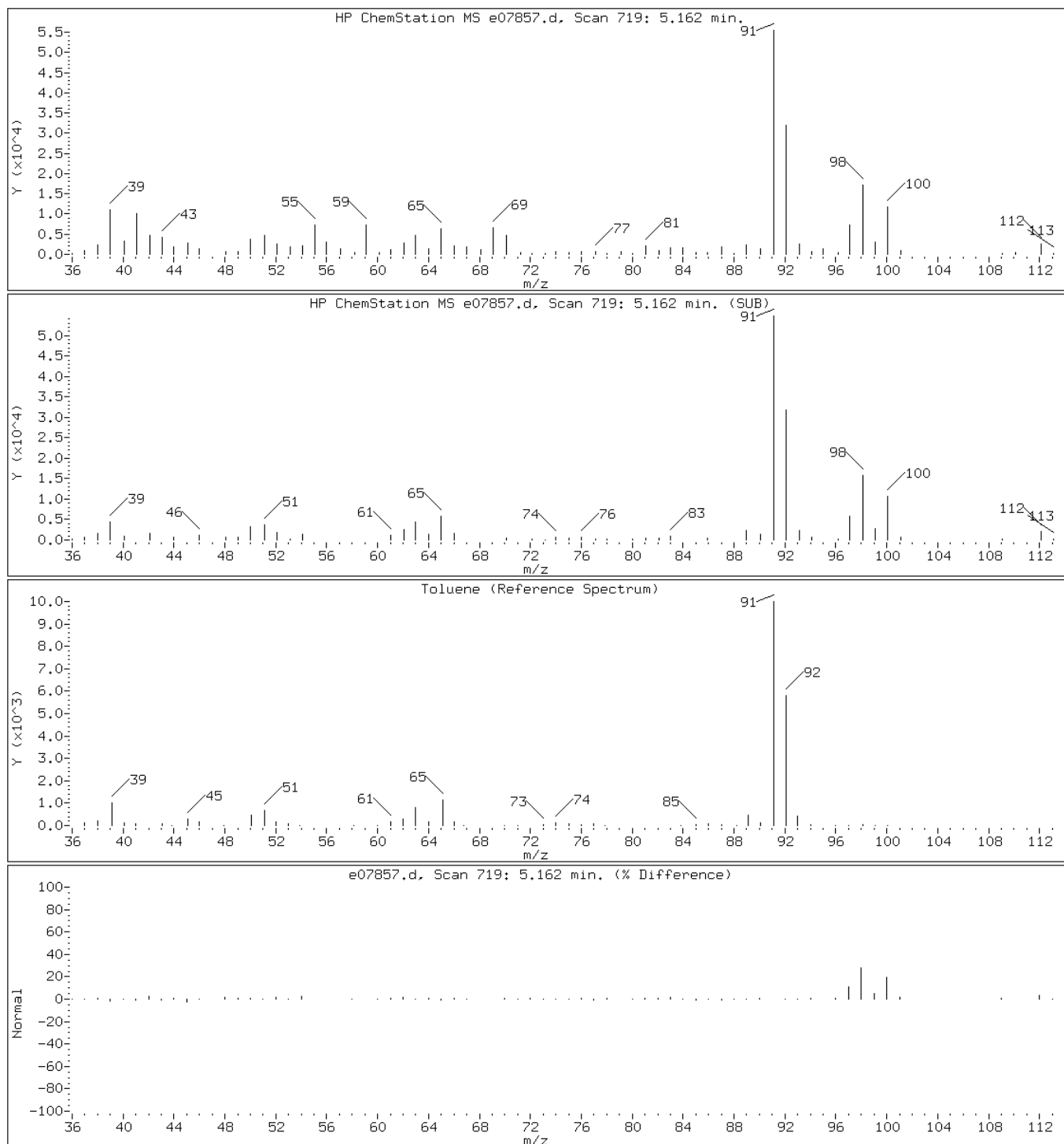
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07857.d

Date: 17-SEP-2012 13:31

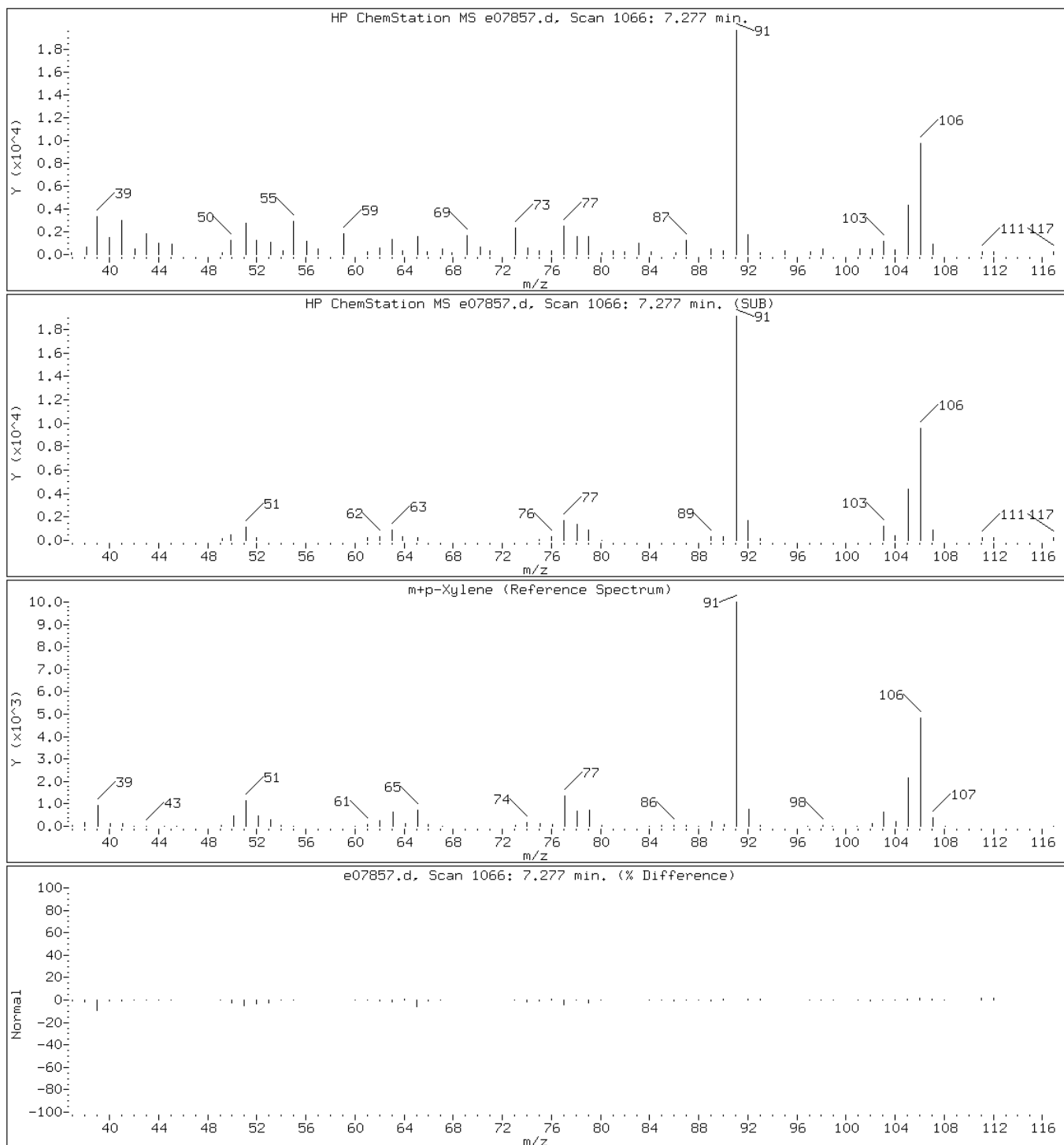
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07857.d

Date: 17-SEP-2012 13:31

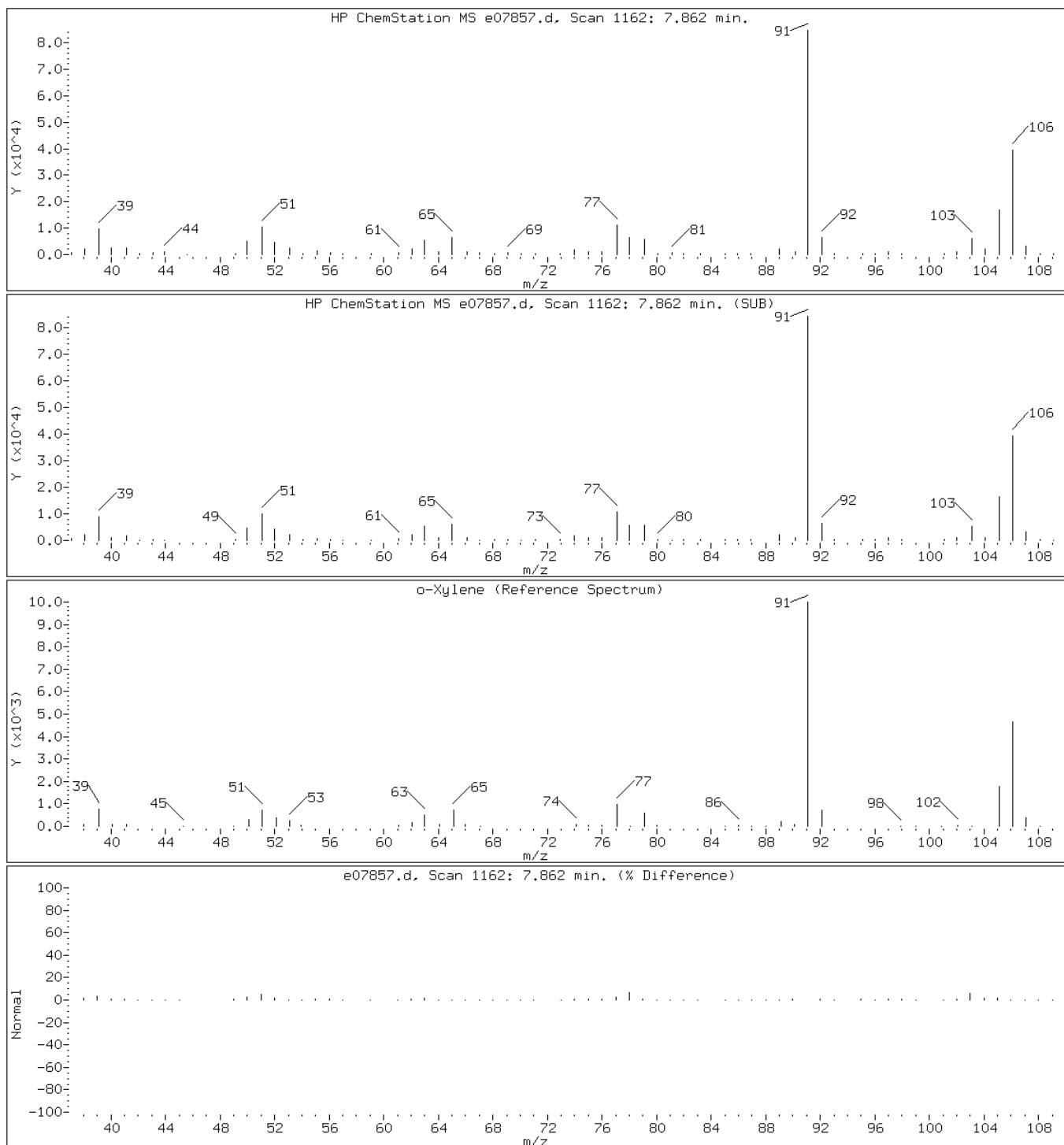
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07857.d

Date: 17-SEP-2012 13:31

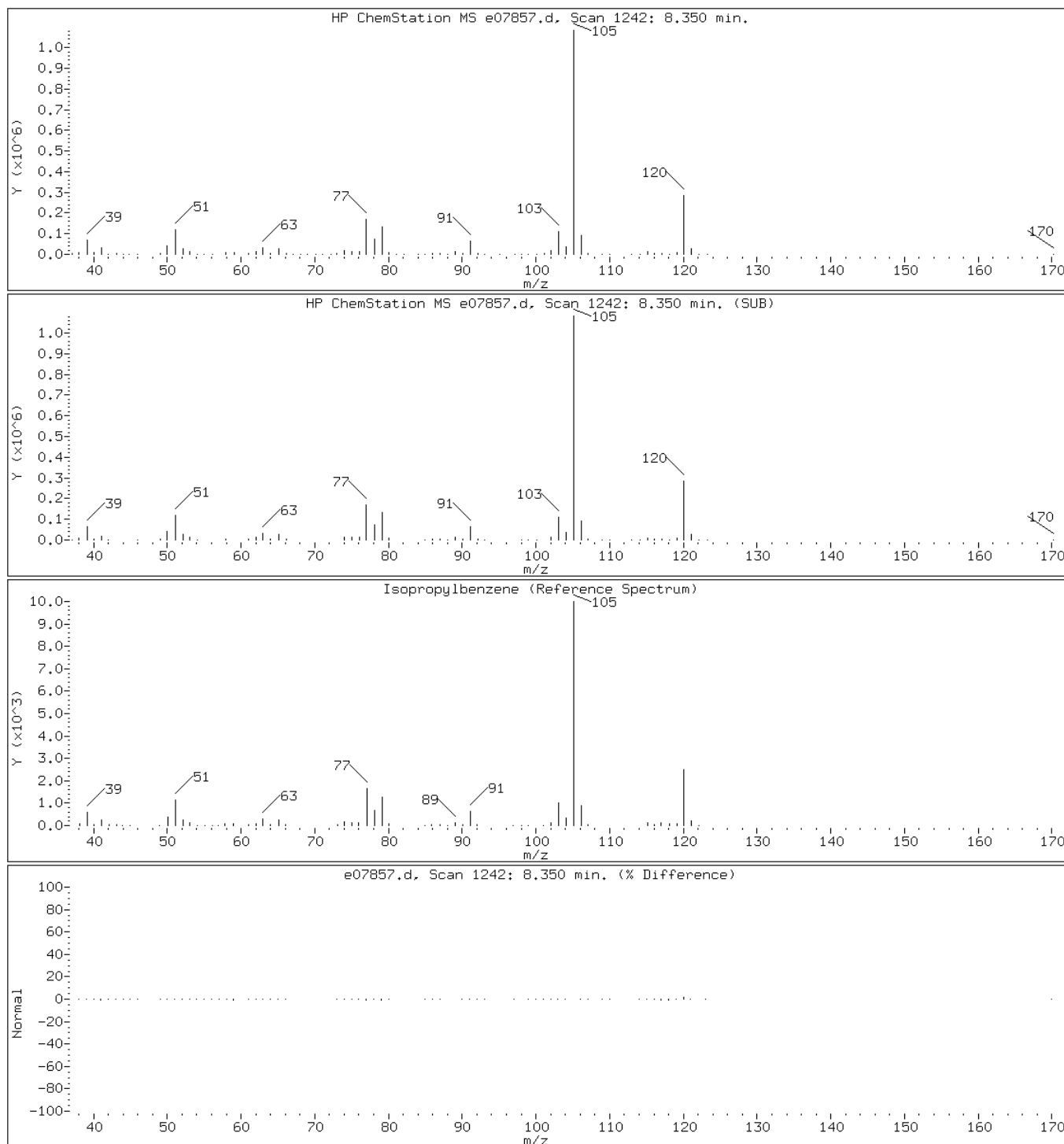
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

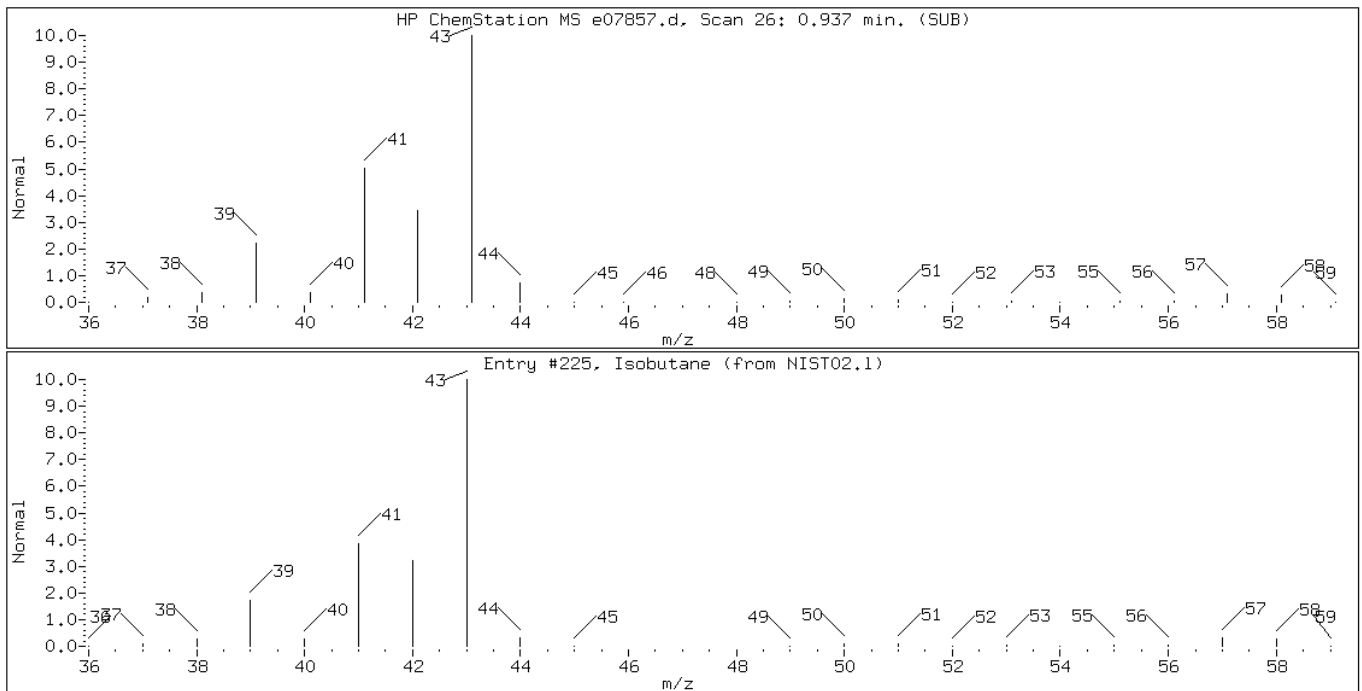
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 0.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Isobutane	75-28-5	NIST02.1	225	72	C4H10	58



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

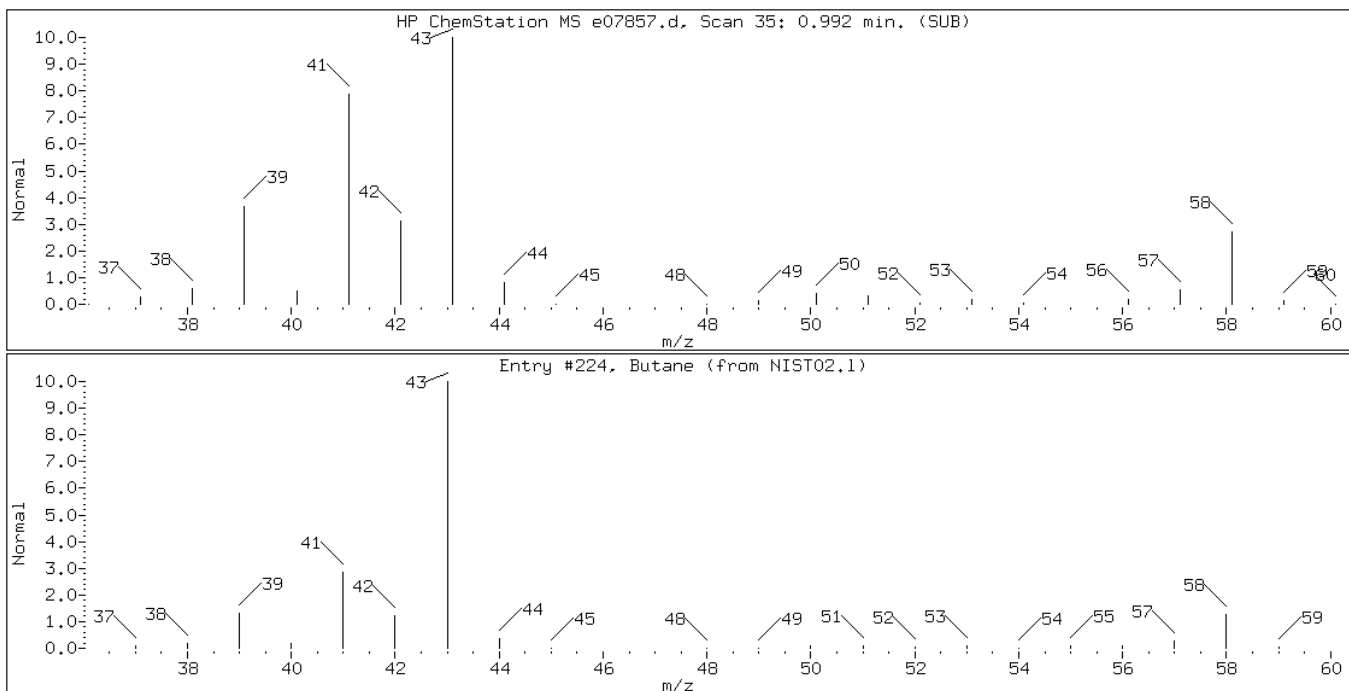
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane-1						
Butane	106-97-8	NIST02.1	224	42	C4H10	58



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

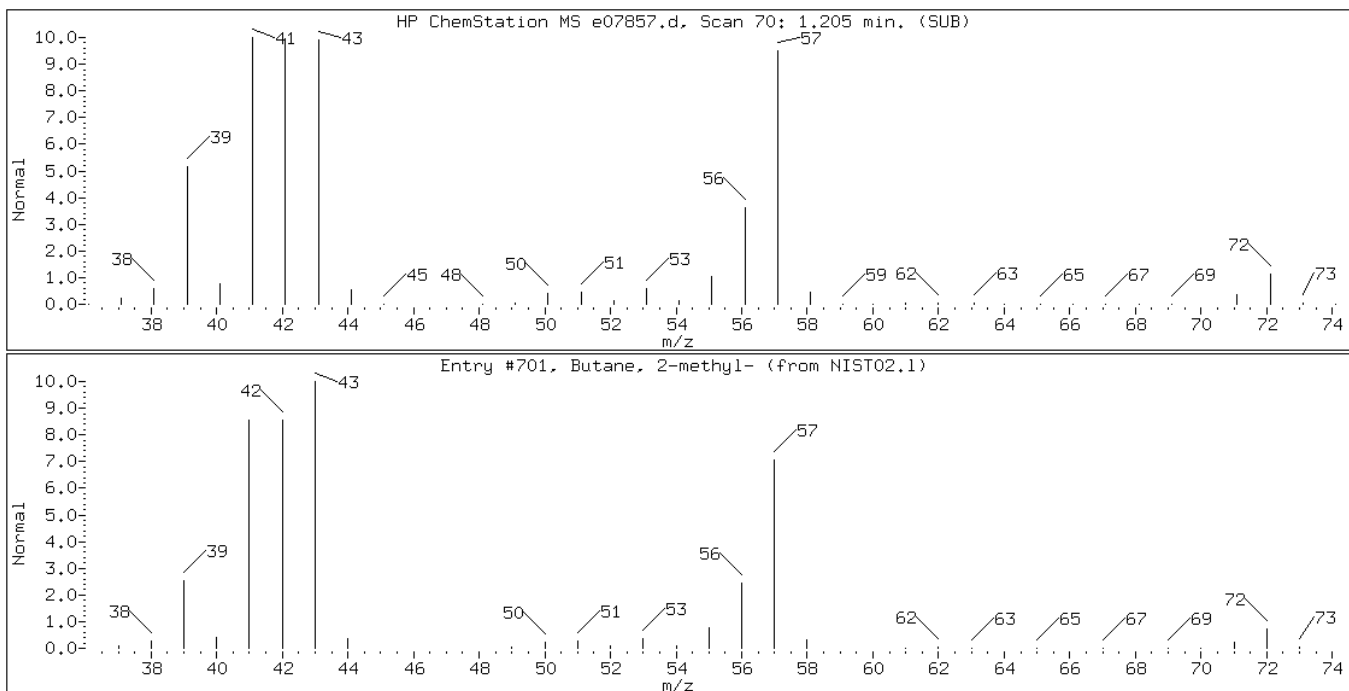
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	87	C5H12	72



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

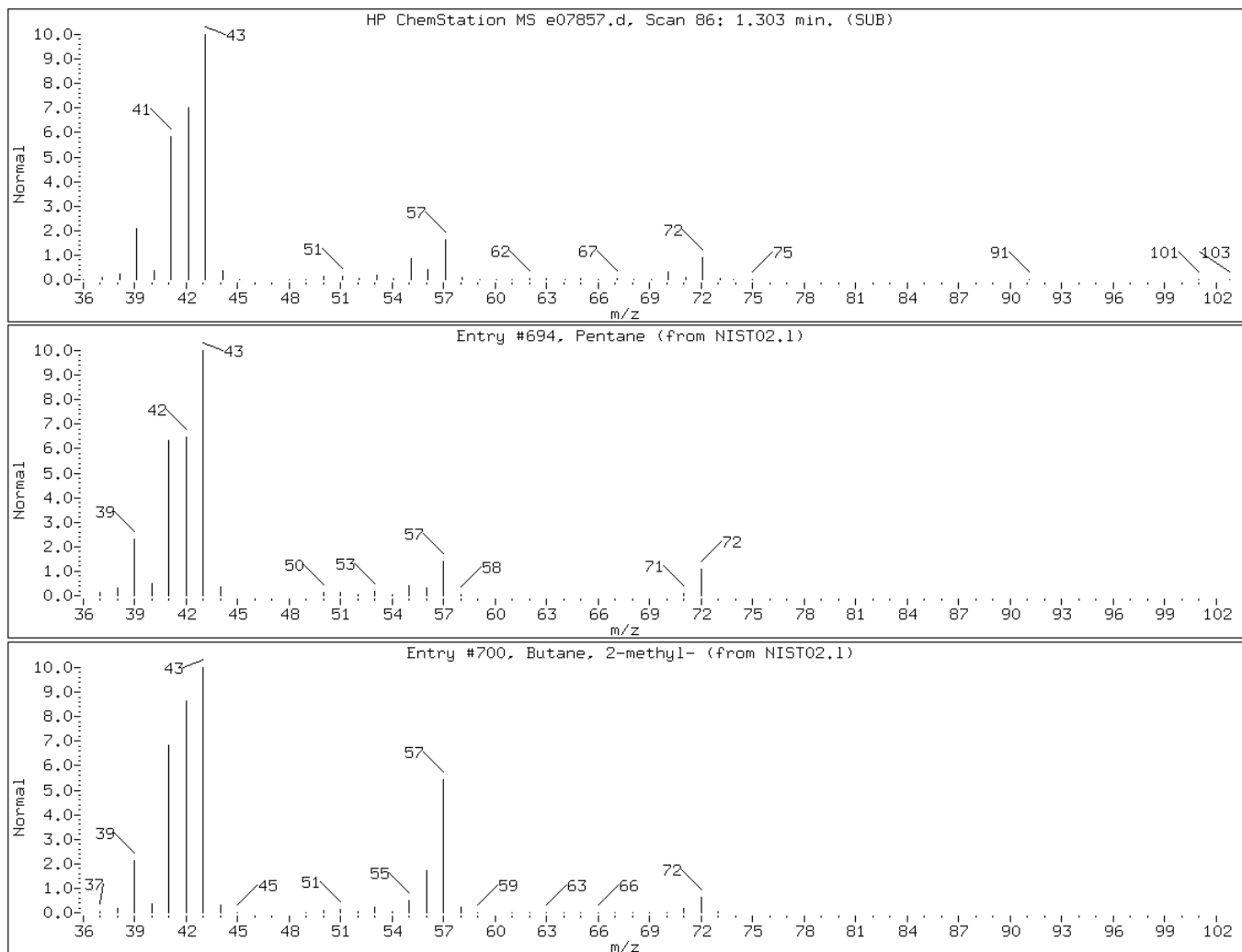
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane-1						
Pentane	109-66-0	NIST02.1	694	91	C5H12	72
Butane, 2-methyl-	78-78-4	NIST02.1	700	72	C5H12	72



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

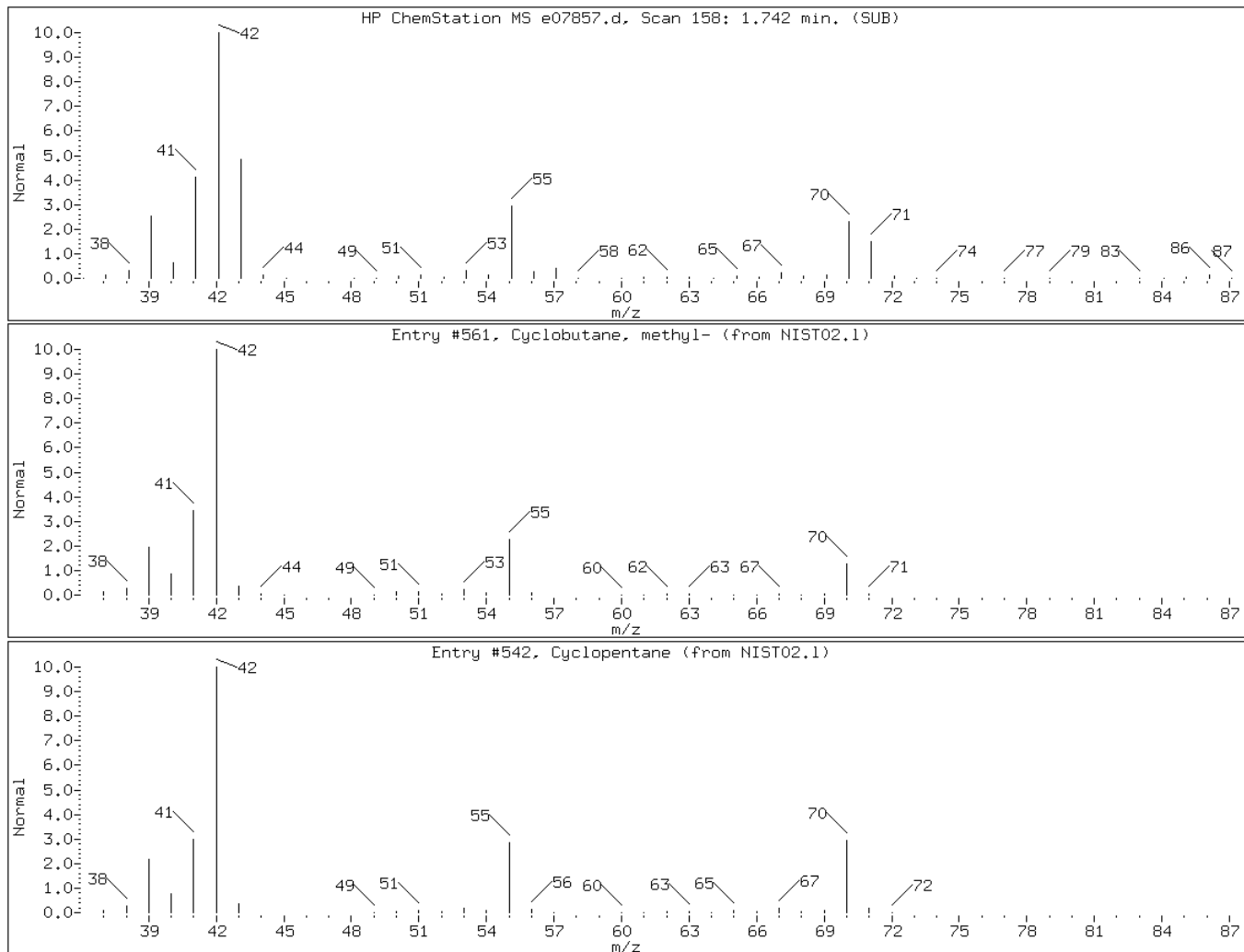
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Cyclobutane, methyl-	598-61-8	NIST02.1	561	64	C5H10	70
Cyclopentane	287-92-3	NIST02.1	542	59	C5H10	70



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

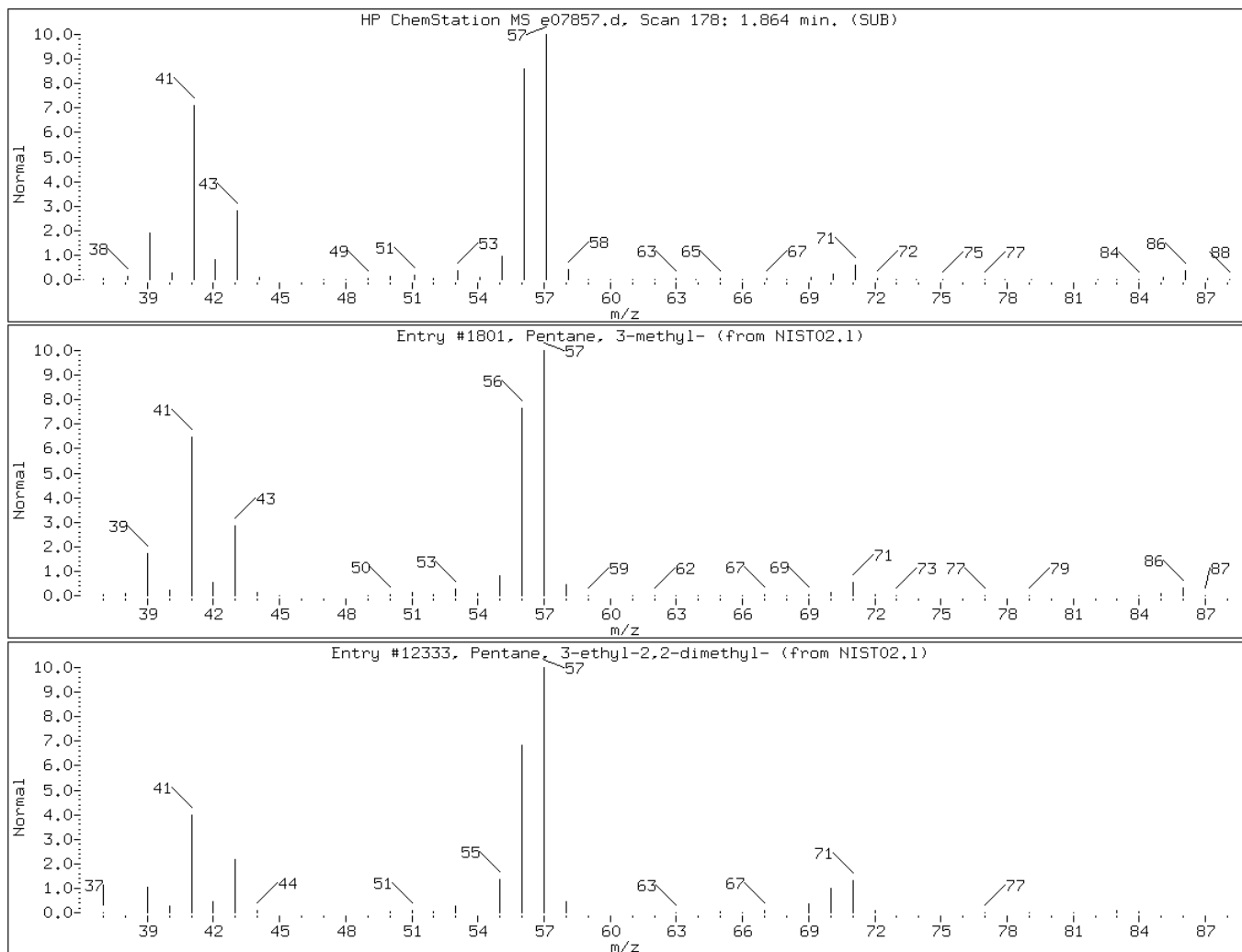
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane-1						
Pentane, 3-methyl-	96-14-0	NIST02.1	1801	91	C6H14	86
Pentane, 3-ethyl-2,2-dimethyl-	16747-32-3	NIST02.1	12333	64	C9H20	128



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

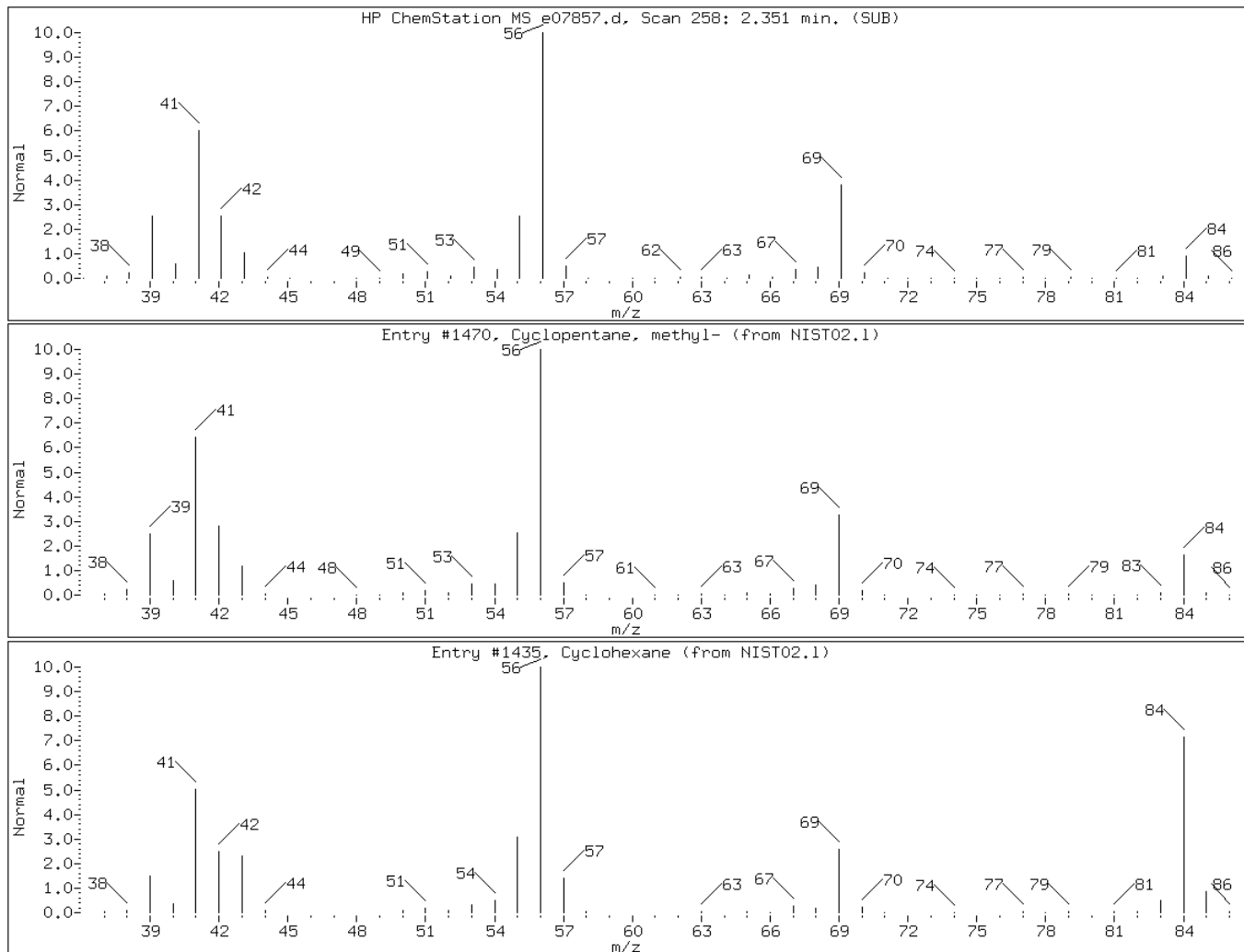
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
Cyclohexane	110-82-7	NIST02.1	1435	78	C6H12	84



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

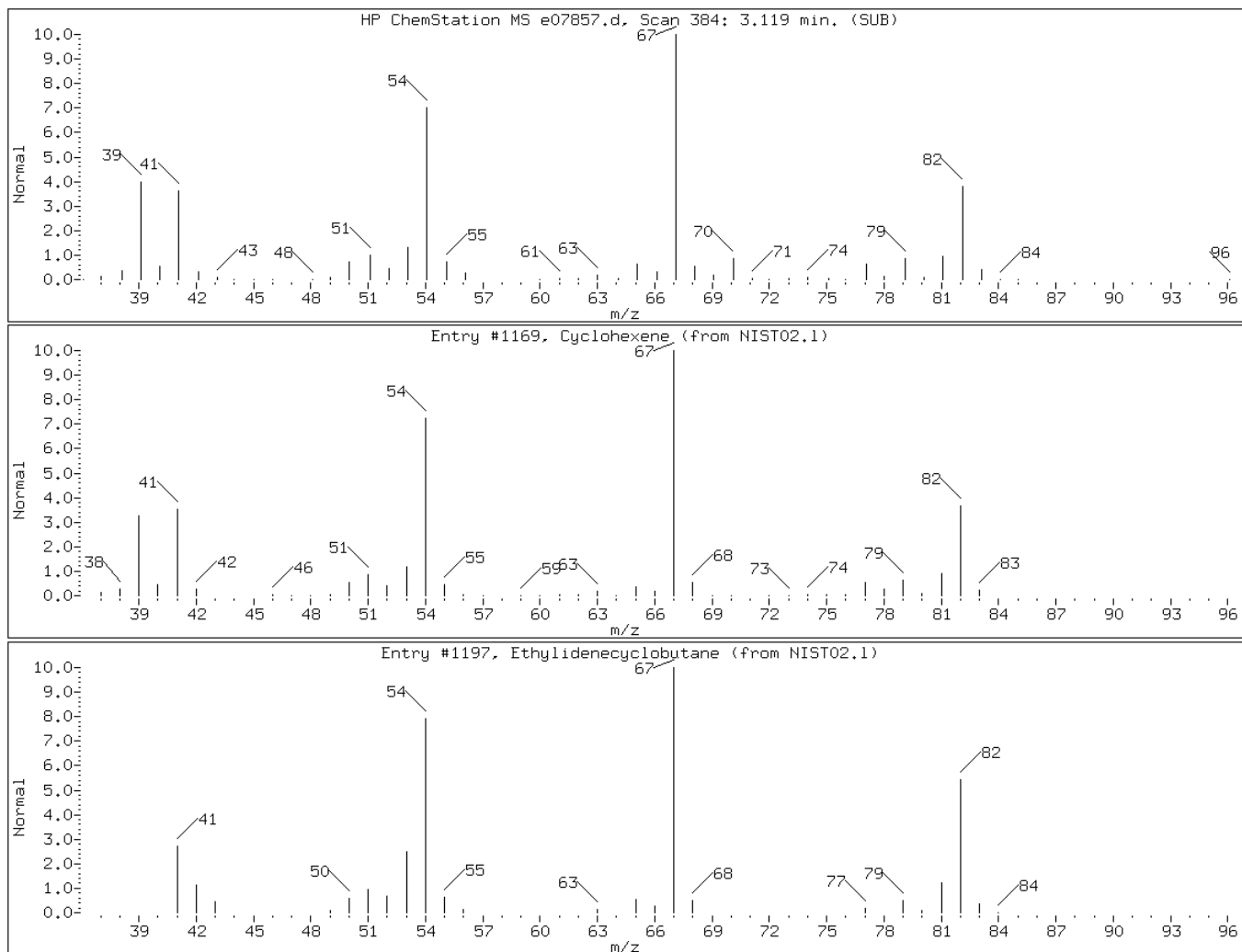
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclohexene	110-83-8	NIST02.1	1169	93	C6H10	82
Ethylidenecyclobutane	1528-21-8	NIST02.1	1197	90	C6H10	82



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

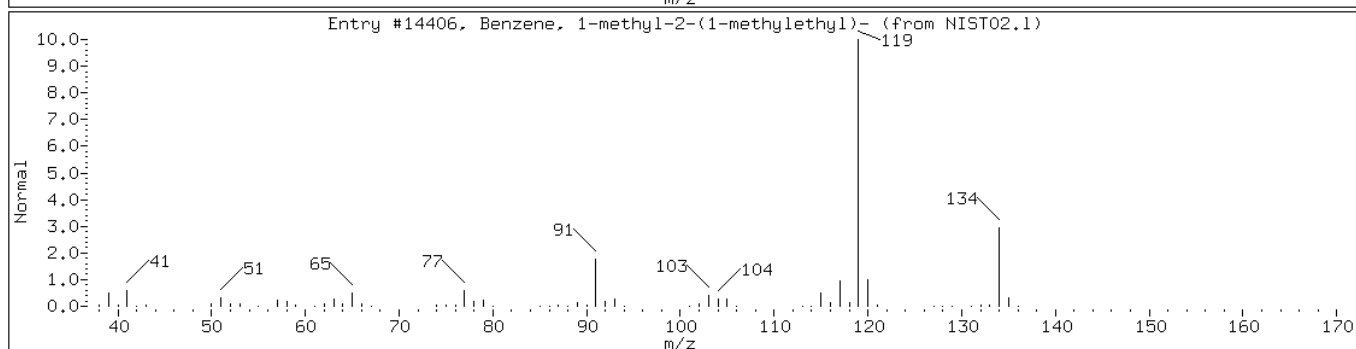
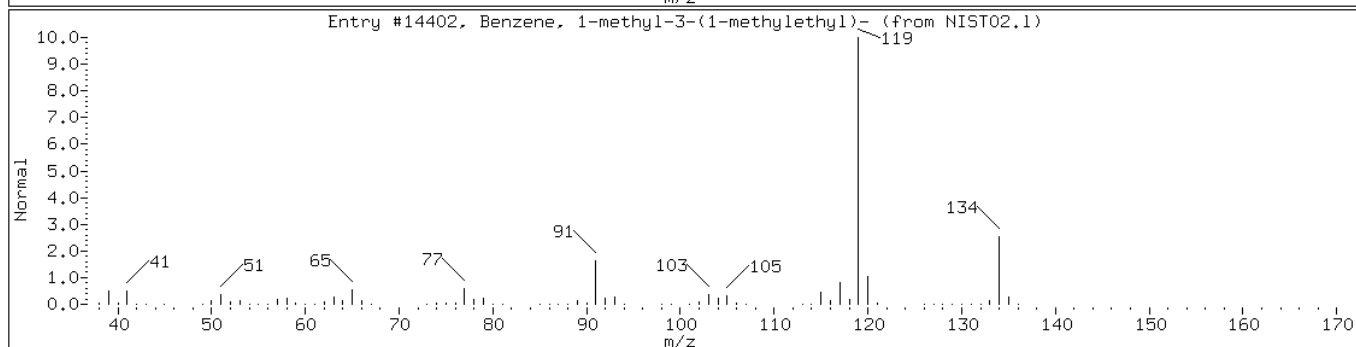
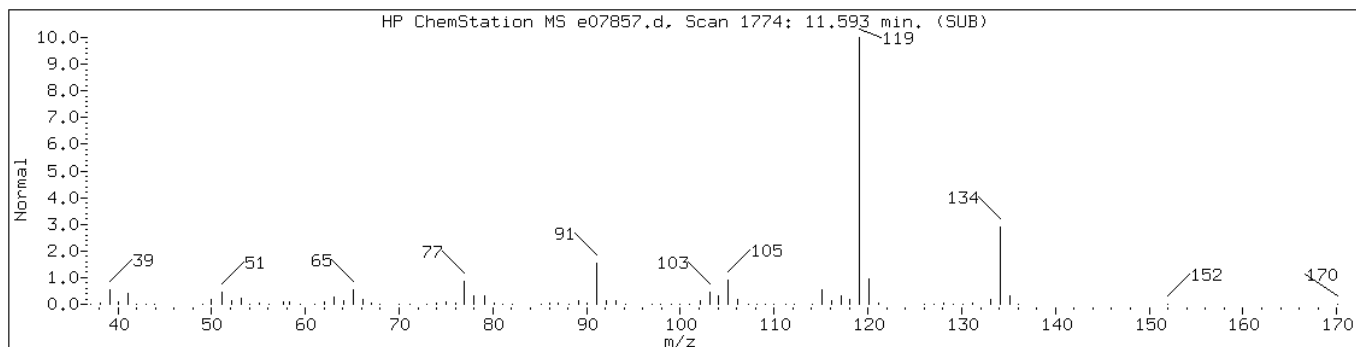
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic						
Benzene, 1-methyl-3-(1-methylethyl)	535-77-3	NIST02.1	14402	94	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl)	527-84-4	NIST02.1	14406	94	C10H14	134



Data File: e07857.d

Date: 17-SEP-2012 13:31

Client ID: WG-17338-091112-VAS

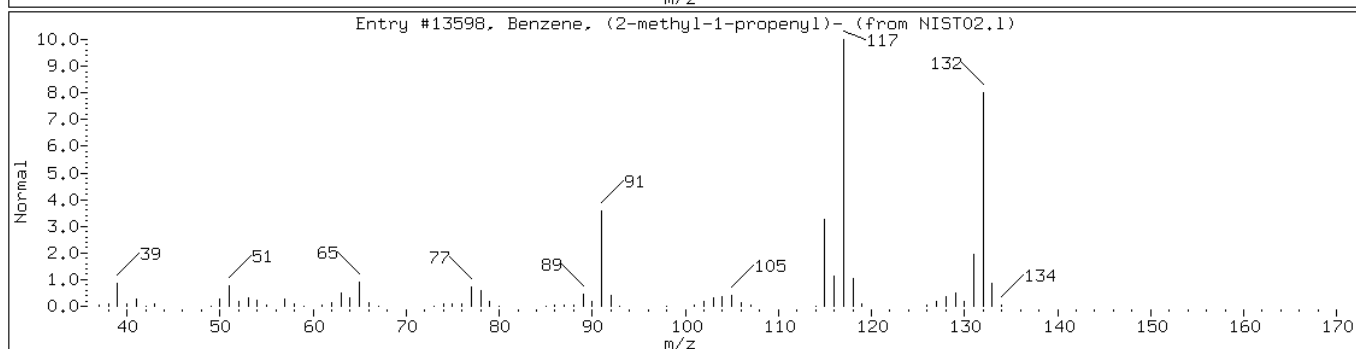
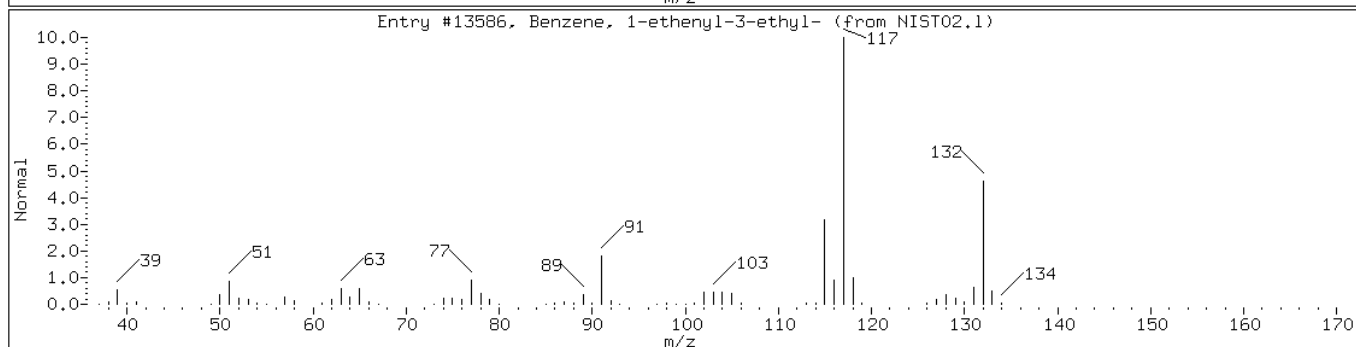
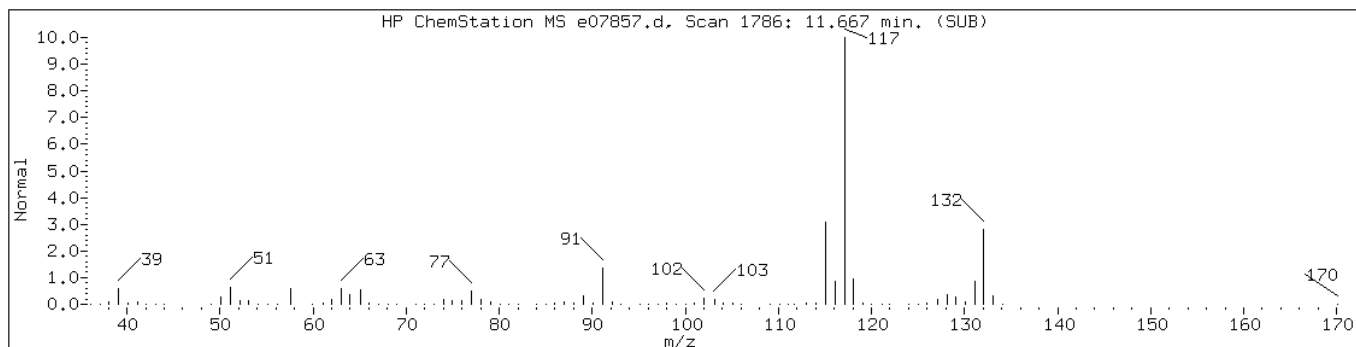
Instrument: VOAMS5.i

Sample Info: 460-44505-A-2

Operator: GC/MS VOAMS5

Retention Time: 11.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	90	C10H12	132
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.1	13598	90	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-3
 Matrix: Water Lab File ID: e07858.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:45
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.30	J	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.41	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	2.2		1.0	0.10
110-82-7	Cyclohexane	190		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	330		1.0	0.080
107-06-2	1,2-Dichloroethane	4.3		1.0	0.19
79-01-6	Trichloroethene	0.37	J	1.0	0.090
108-87-2	Methylcyclohexane	68		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	9.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-3
 Matrix: Water Lab File ID: e07858.d
 Analysis Method: 8260B Date Collected: 09/11/2012 10:45
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.15	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	6.9		3.0	0.36
100-42-5	Styrene	0.86	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	36		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-3
Matrix: Water Lab File ID: e07858.d
Analysis Method: 8260B Date Collected: 09/11/2012 10:45
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 13:54
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 10 TIC Result Total: 1367

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.99	330	J
	C5H12 Alkane	1.20	350	J
	C5H12 Alkane-1	1.30	68	J
	C5H10 Alkene	1.37	46	J
	C5H10 Cycloalkane	1.74	240	J
	C6H14 Alkane	1.86	46	J
	C6H10 Cycloalkene	2.22	52	J
	C6H12 Cycloalkane	2.35	130	J
	C6H10 Cycloalkene-1	3.12	52	J
	C10H12 Aromatic	11.67	53	J

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07858.d
 Report Date: 17-Sep-2012 16:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07858.d
 Lab Smp Id: 460-44505-A-3 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 13:54
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-3
 Misc Info : 460-44505-A-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 24
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
28 MTBE	73	2.010	2.022	(0.559)	13123		0.41430	0.41(a)
44 Cyclohexane	56	2.784	2.790	(0.774)	3462174		187.768	190
48 Benzene	78	3.260	3.260	(0.469)	15625644		332.903	330
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.369	(0.936)	628962		53.4390	53
49 1,2-Dichloroethane	62	3.418	3.424	(0.951)	64941		4.31098	4.3
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2287493		50.0000	
54 Trichloroethene	95	3.741	3.753	(1.041)	4038		0.36563	0.36(a)
56 Methyl cyclohexane	83	3.729	3.741	(1.037)	1020250		67.8502	68
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2136107		48.8957	49
66 Toluene	91	5.162	5.168	(0.742)	510128		9.60399	9.6
71 Tetrachloroethene	166	5.576	5.594	(0.802)	1910		0.15210	0.15(a)
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1863730		50.0000	
81 Ethylbenzene	106	7.064	7.094	(1.016)	41532		2.24969	2.2
82 m+p-Xylene	106	7.277	7.308	(1.046)	34333		1.46263	1.5
84 o-Xylene	106	7.862	7.887	(1.131)	124550		5.44063	5.4
85 Styrene	104	7.942	7.966	(1.142)	33670		0.85823	0.86(a)

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07858.d
 Report Date: 17-Sep-2012 16:12

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
88 Isopropylbenzene	105	8.350	8.368	(1.201)	2084529	35.8348	36	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	837537	48.9746	49	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1057514	50.0000		
111 1,2-Dichlorobenzene	146	11.148	11.185	(1.065)	8077	0.30305	0.30(a)	
M 121 Xylene (Total)	100				158883	6.90326	6.9	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e07858.d

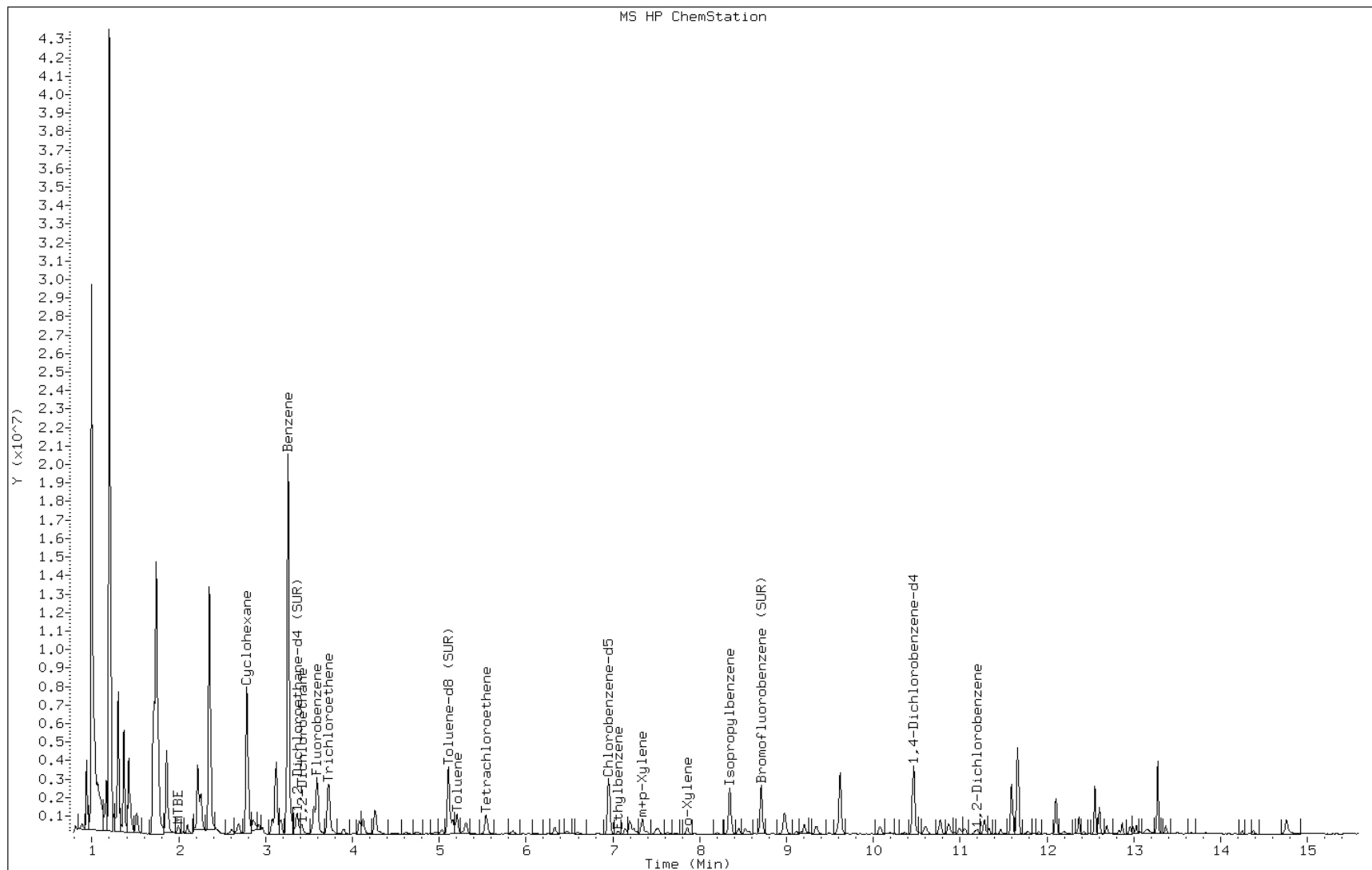
Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5



Data File: e07858.d

Date: 17-SEP-2012 13:54

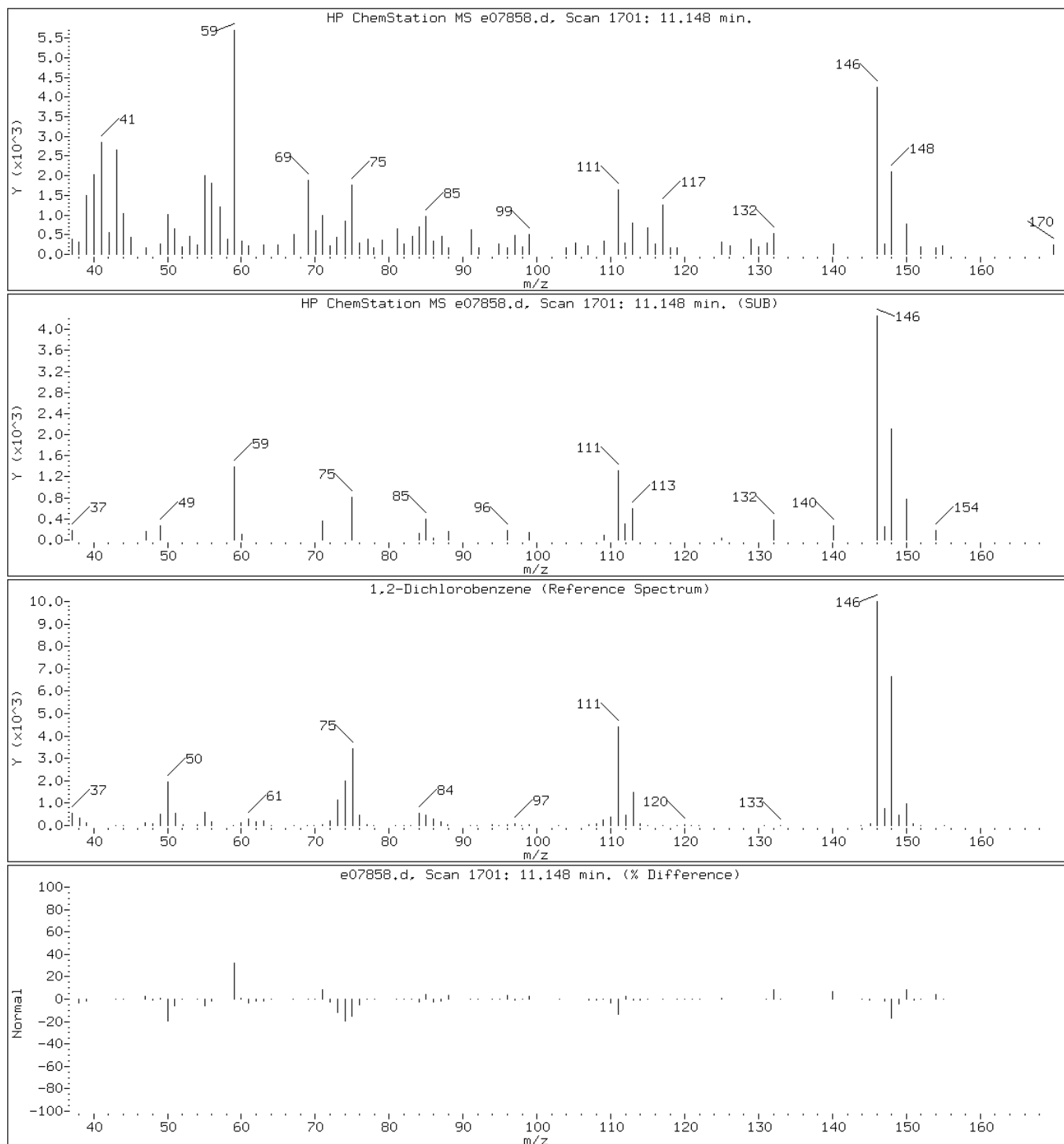
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e07858.d

Date: 17-SEP-2012 13:54

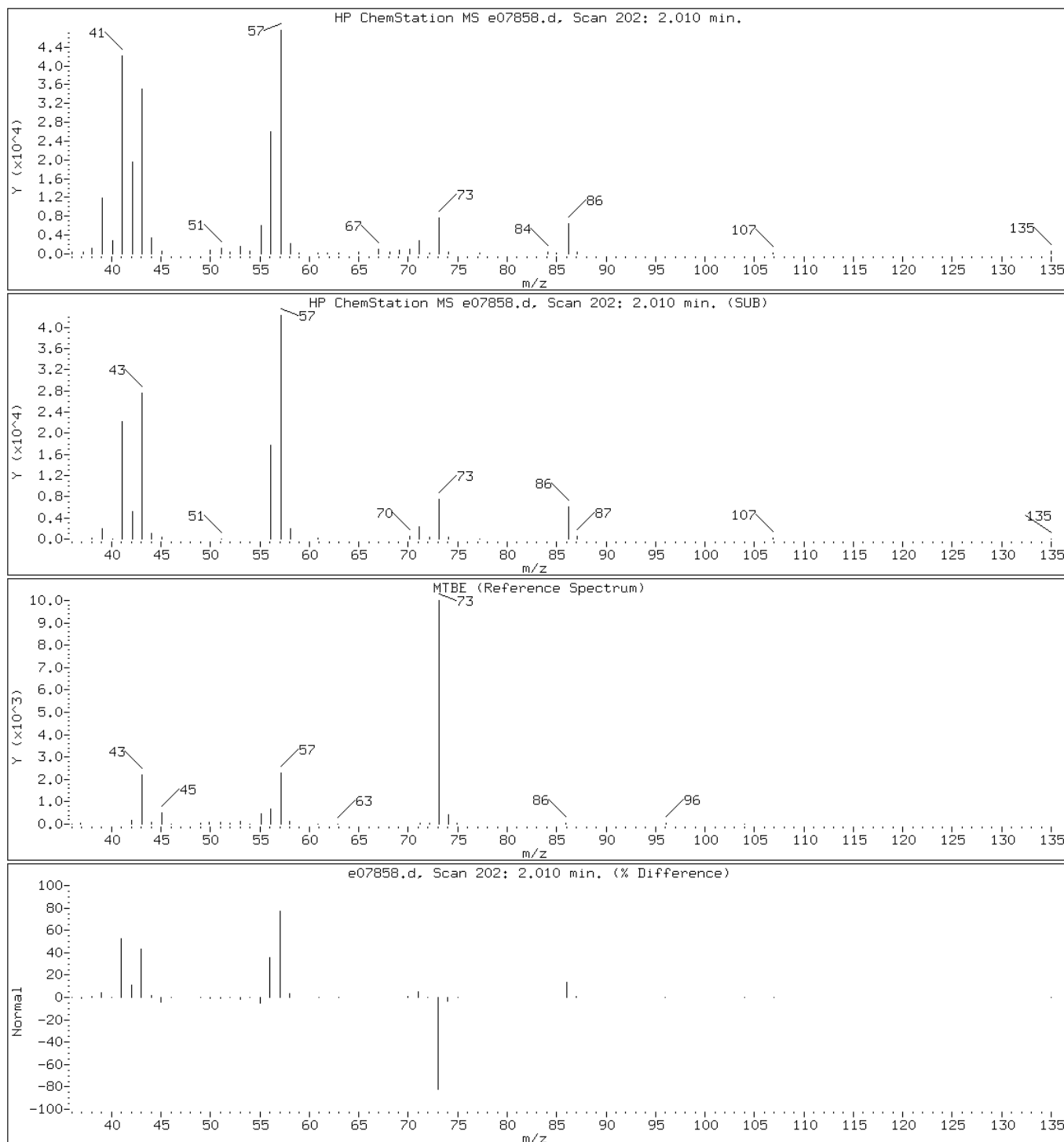
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07858.d

Date: 17-SEP-2012 13:54

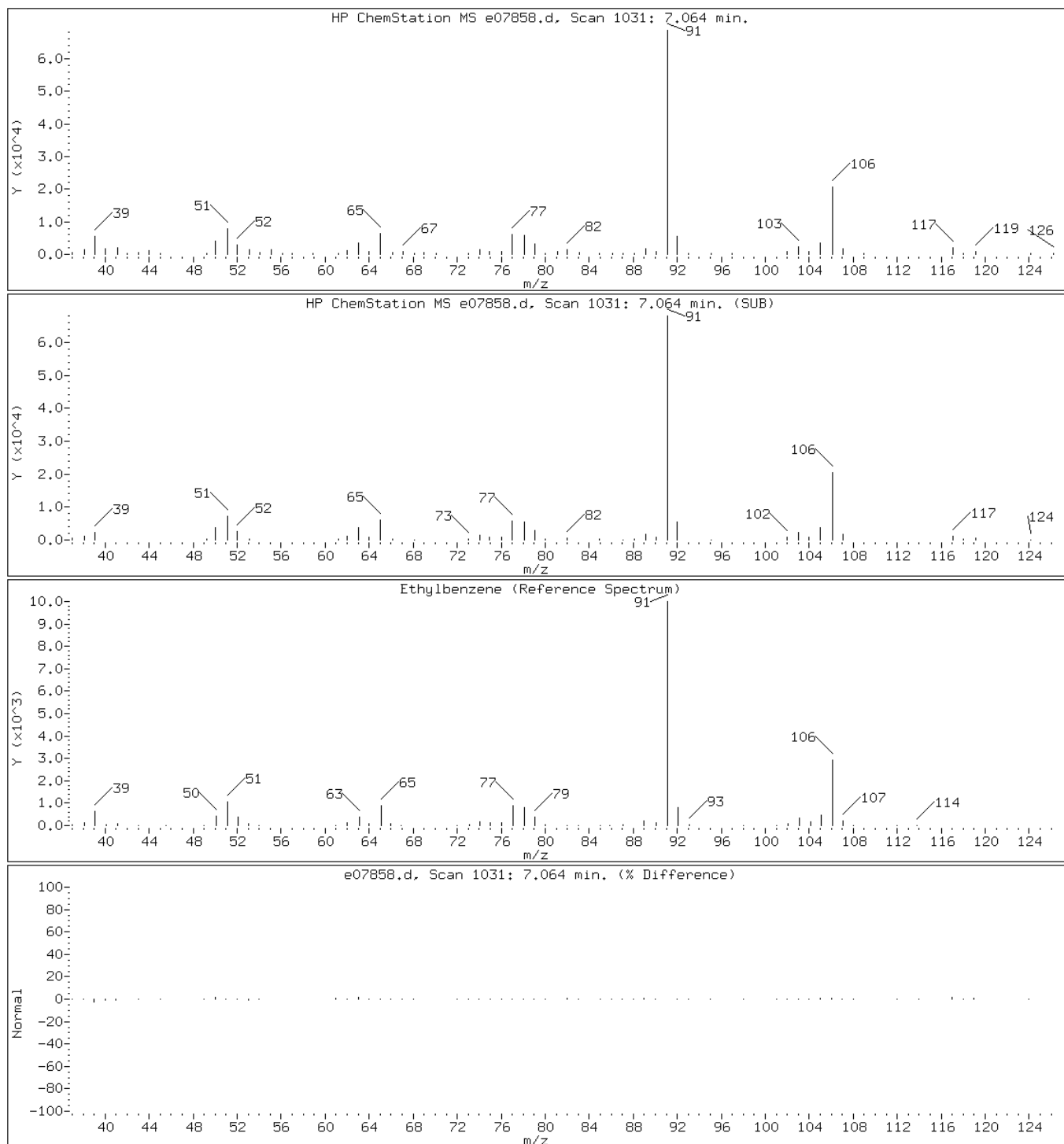
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07858.d

Date: 17-SEP-2012 13:54

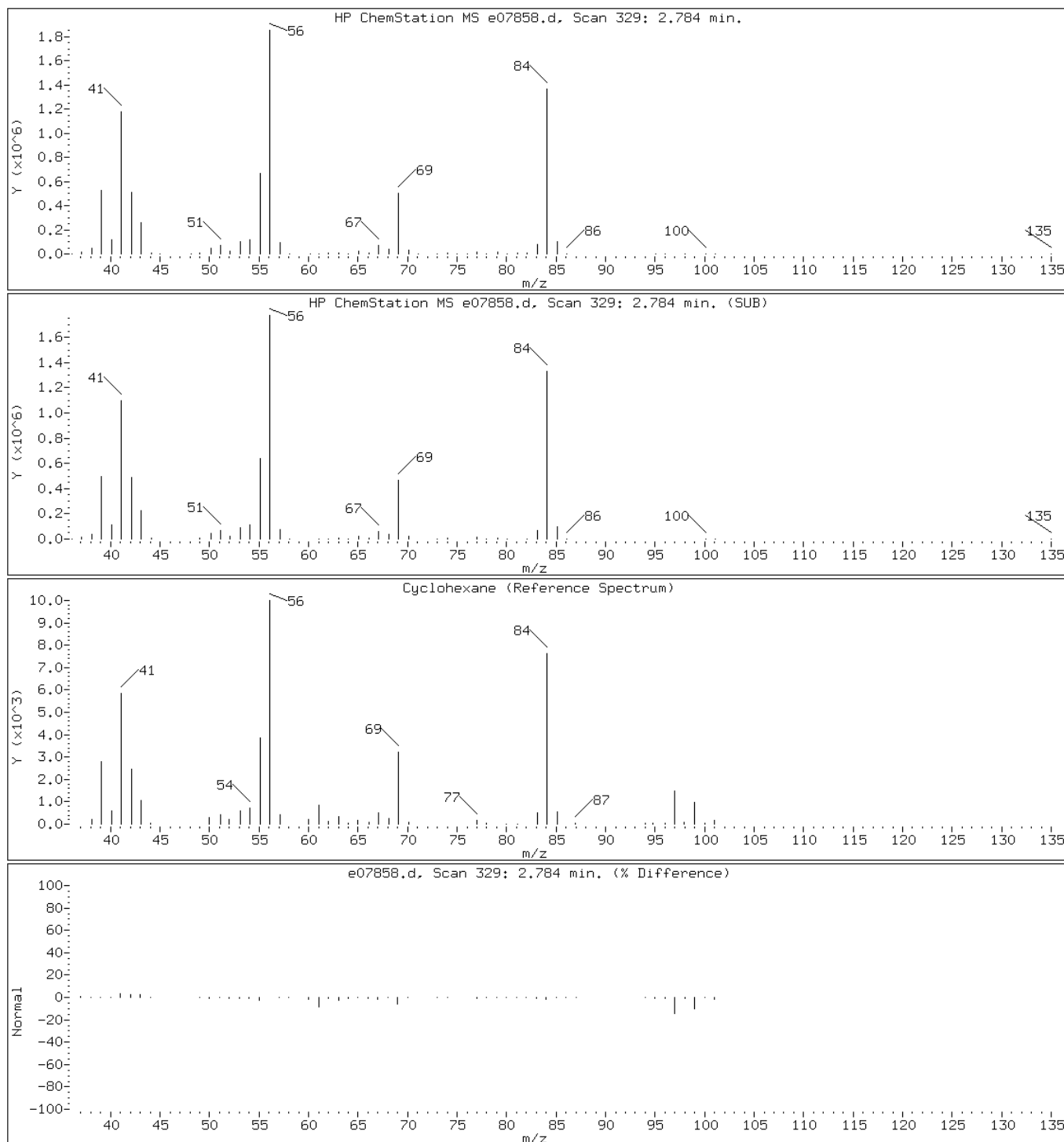
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07858.d

Date: 17-SEP-2012 13:54

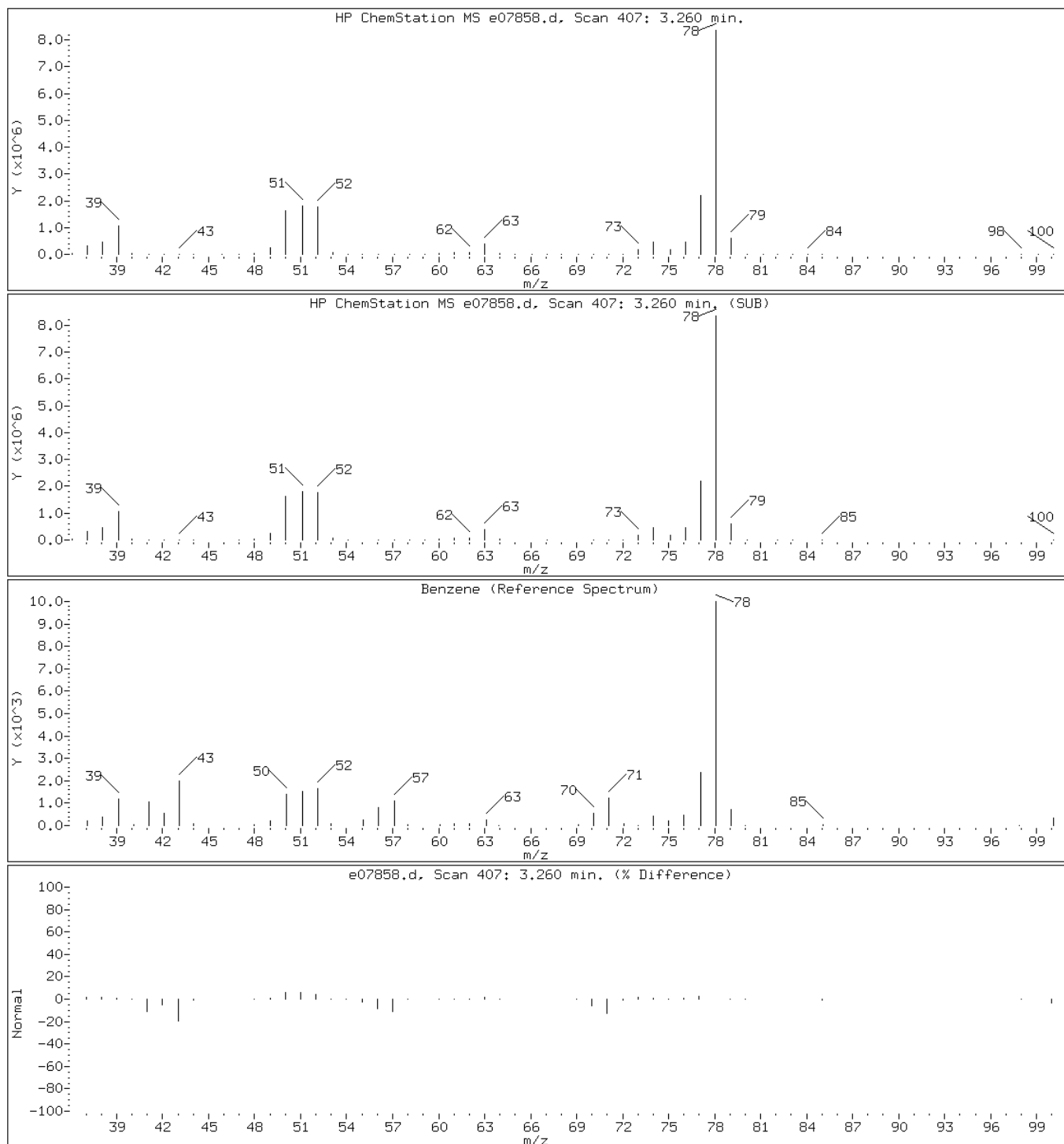
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07858.d

Date: 17-SEP-2012 13:54

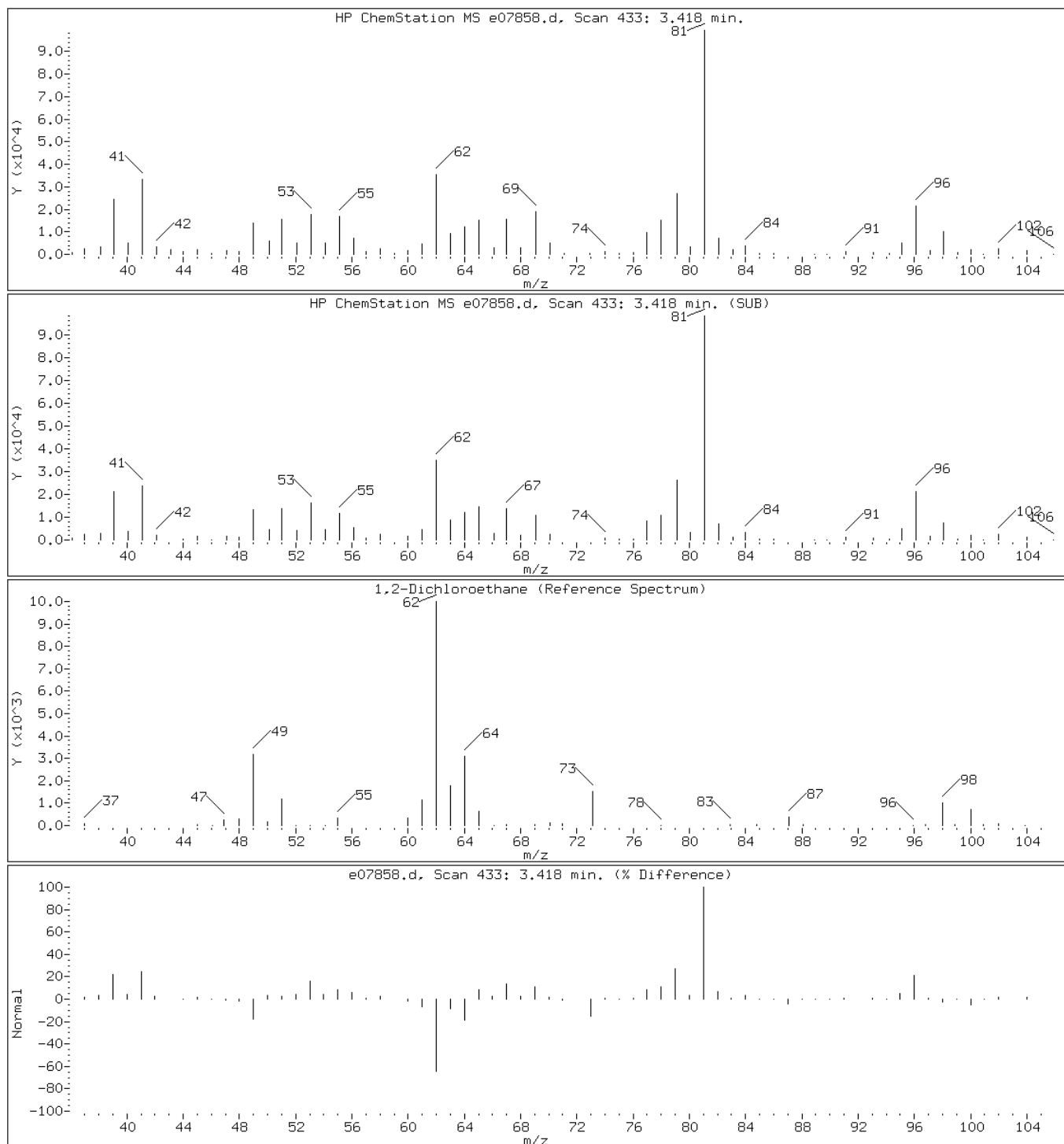
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07858.d

Date: 17-SEP-2012 13:54

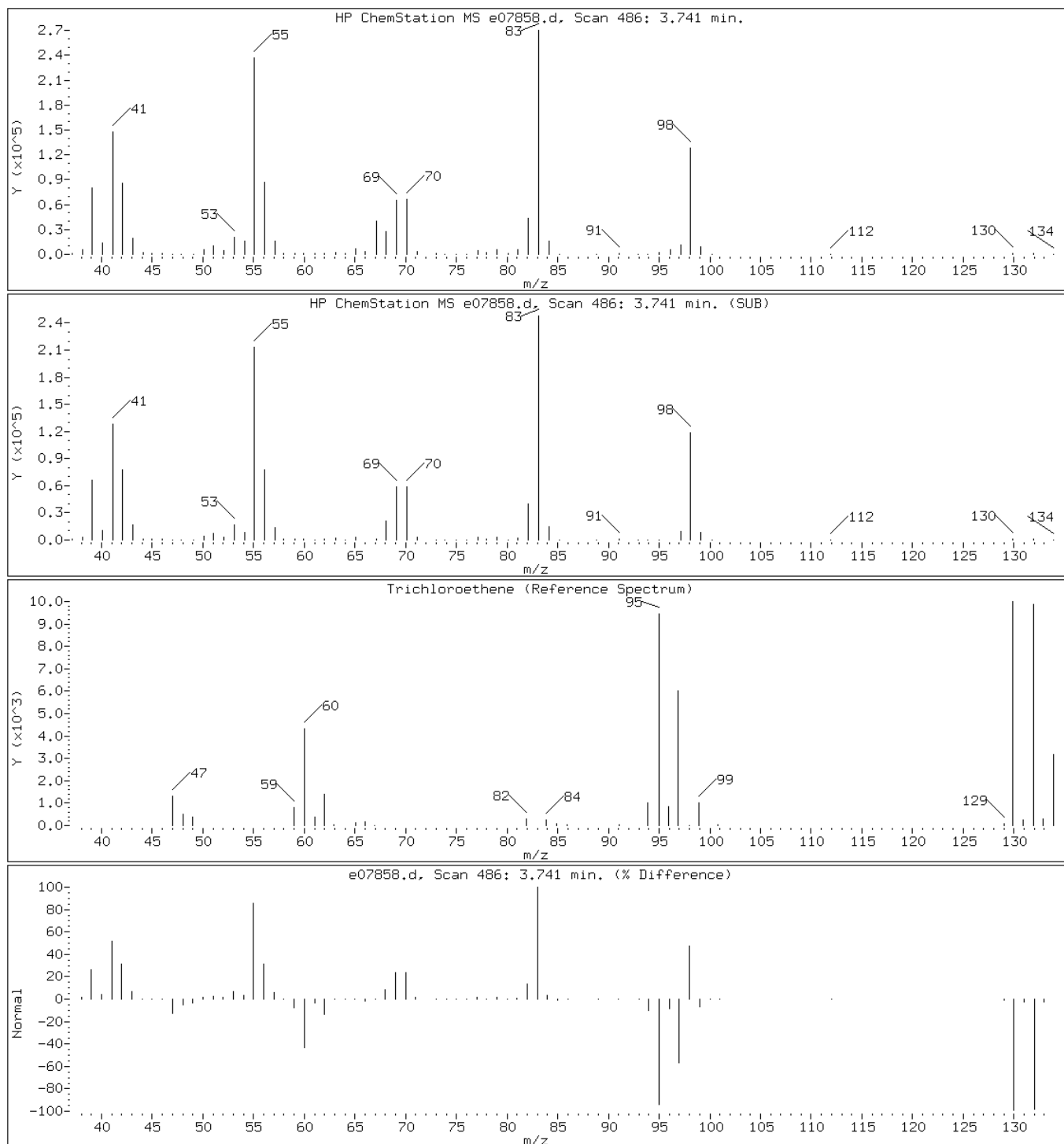
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07858.d

Date: 17-SEP-2012 13:54

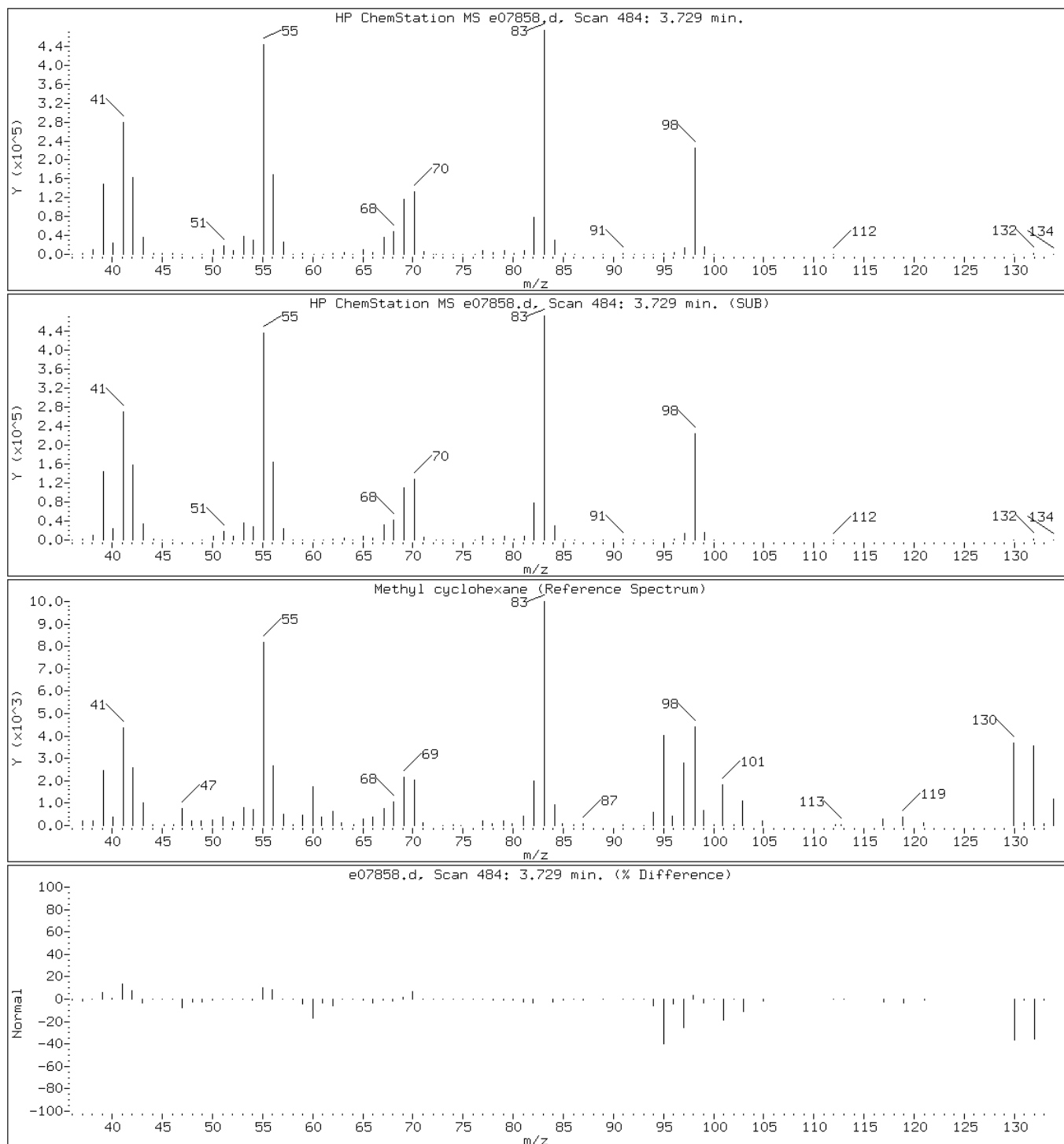
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07858.d

Date: 17-SEP-2012 13:54

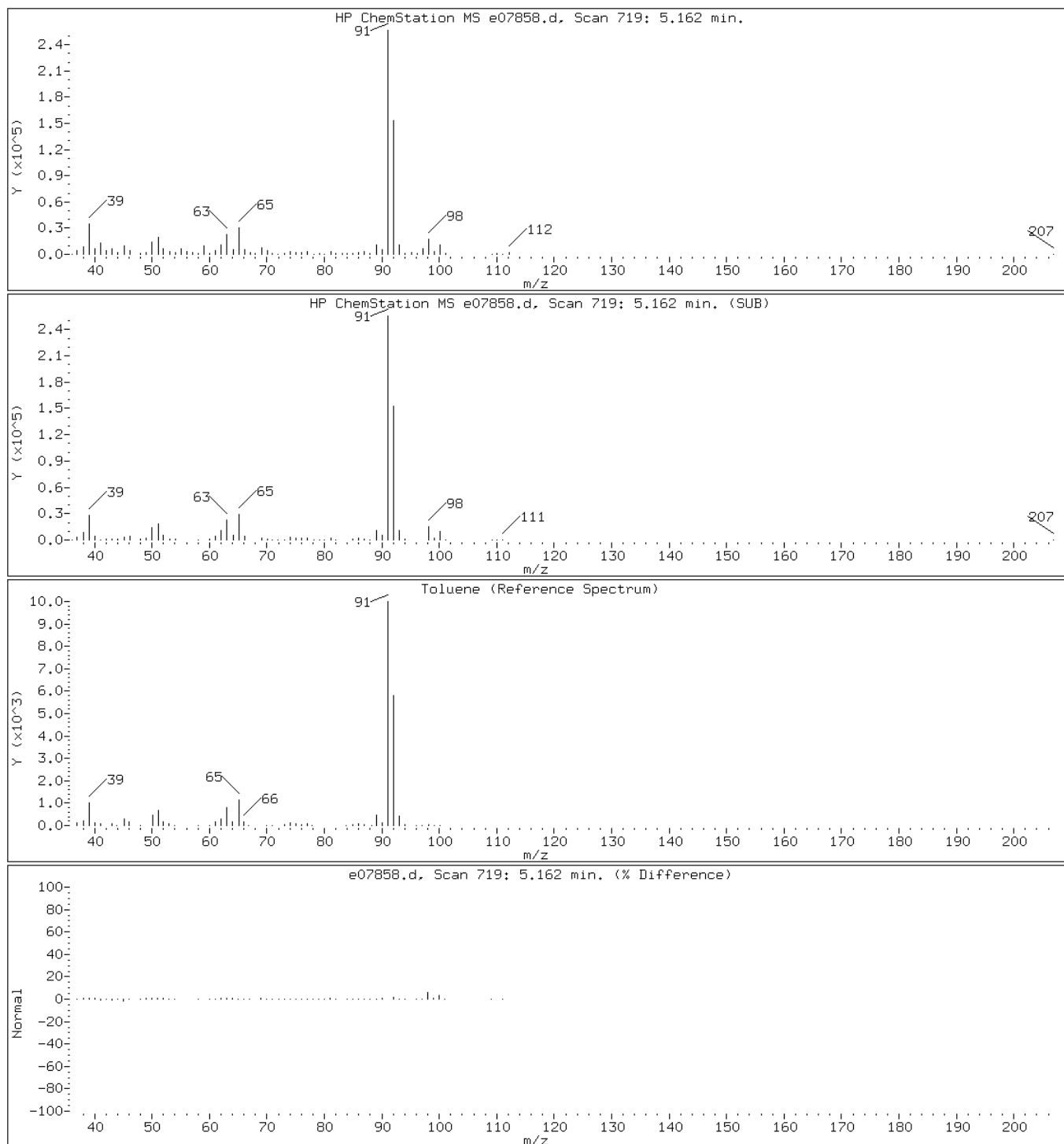
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07858.d

Date: 17-SEP-2012 13:54

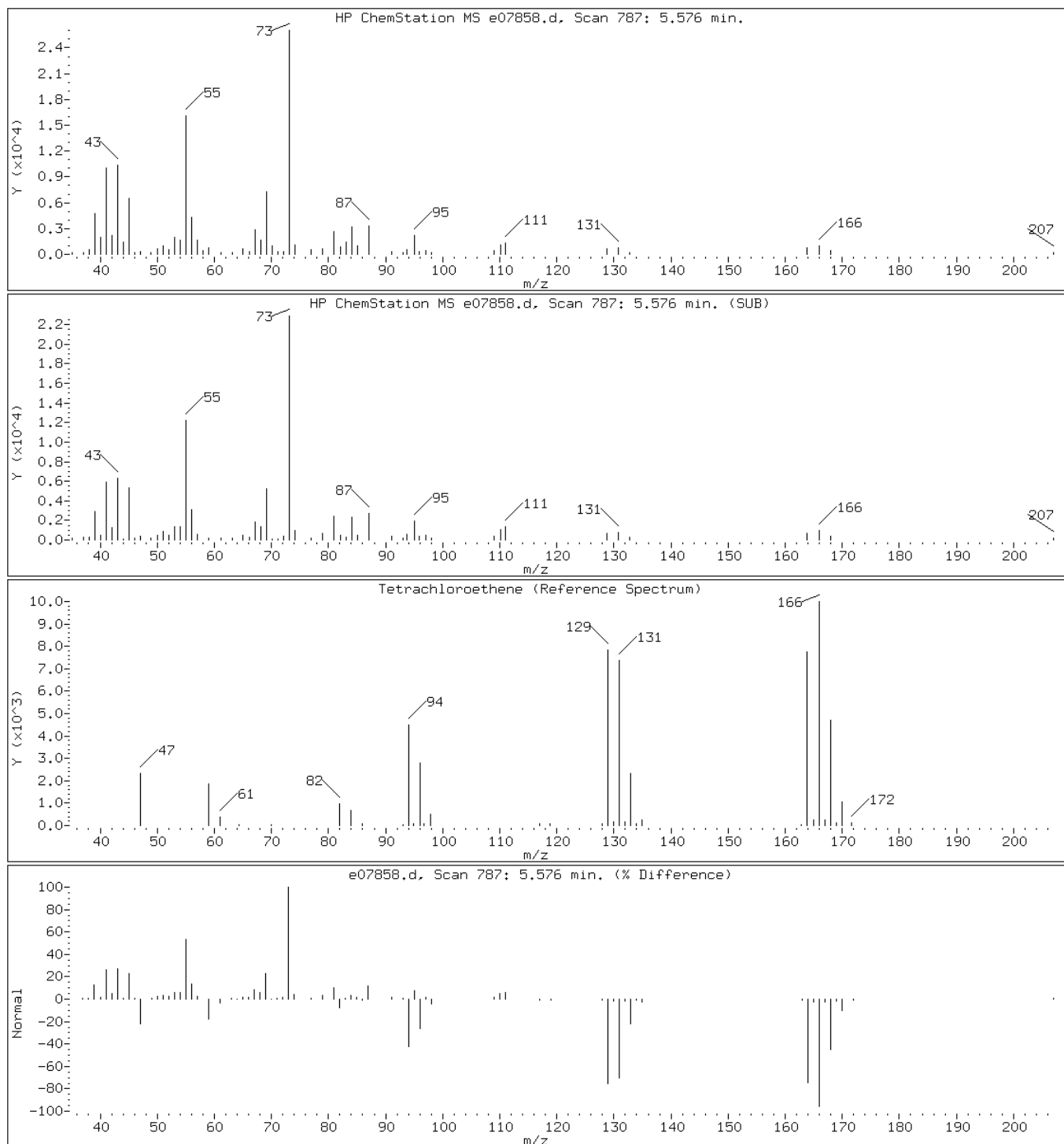
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07858.d

Date: 17-SEP-2012 13:54

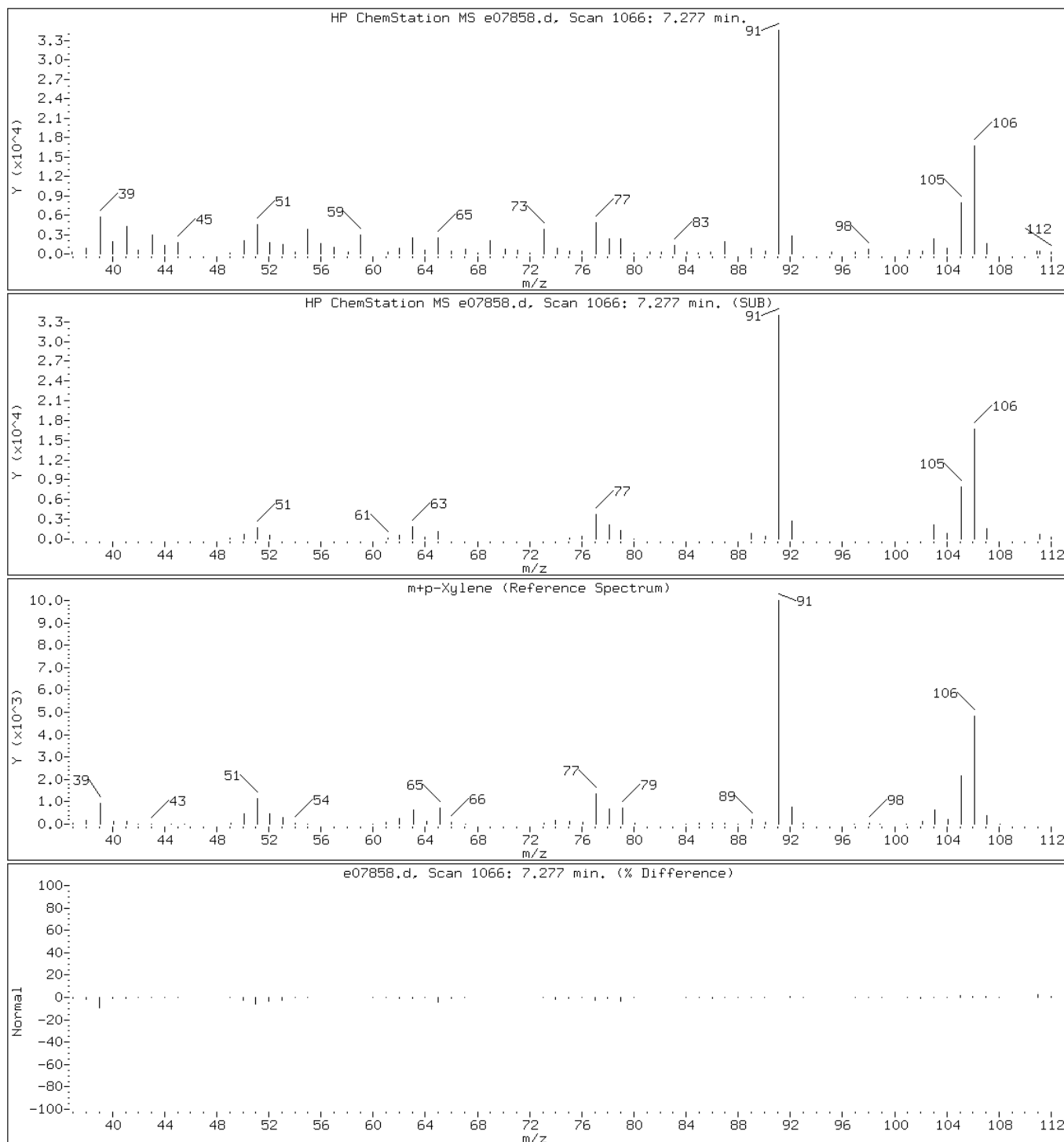
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07858.d

Date: 17-SEP-2012 13:54

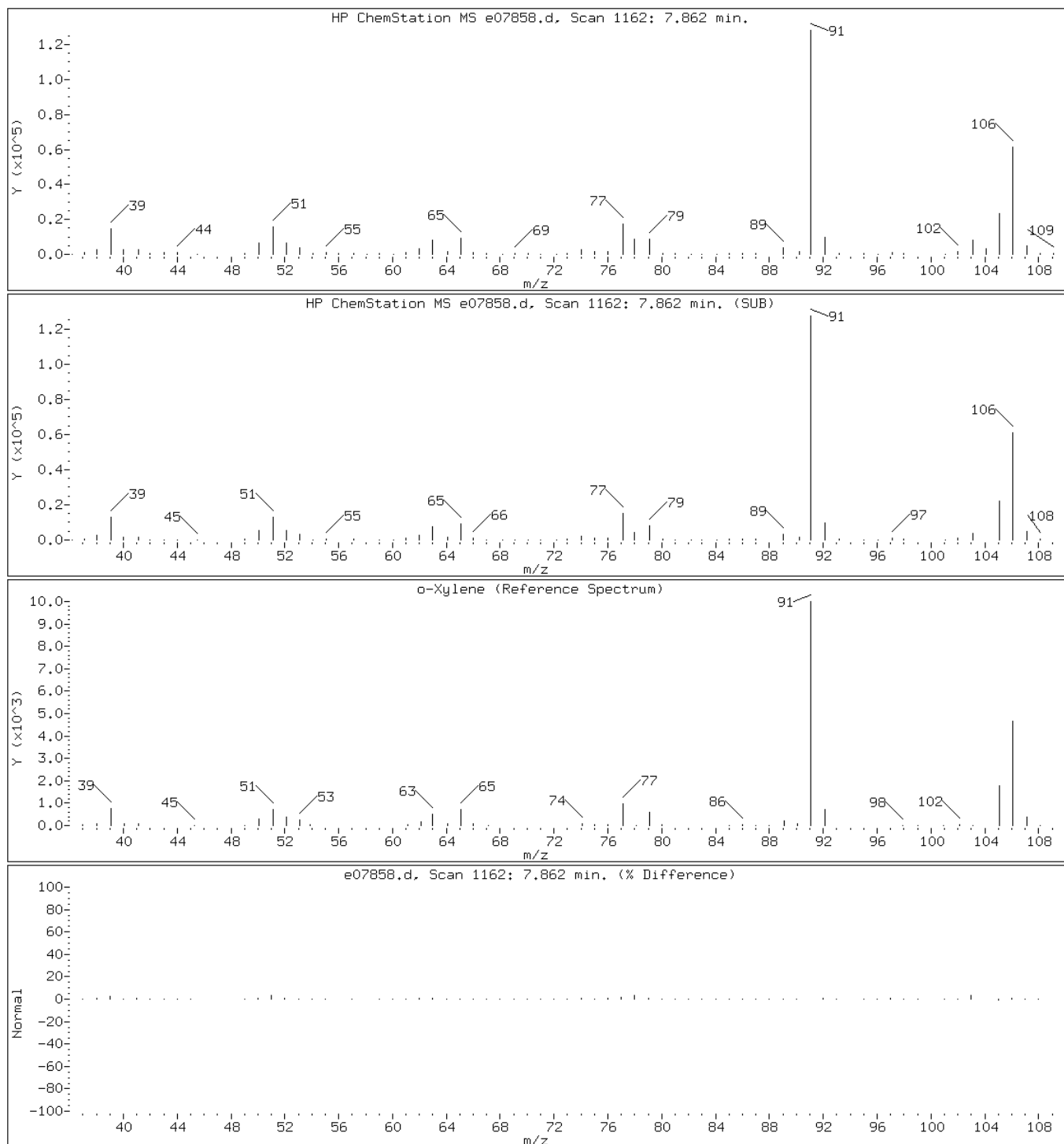
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07858.d

Date: 17-SEP-2012 13:54

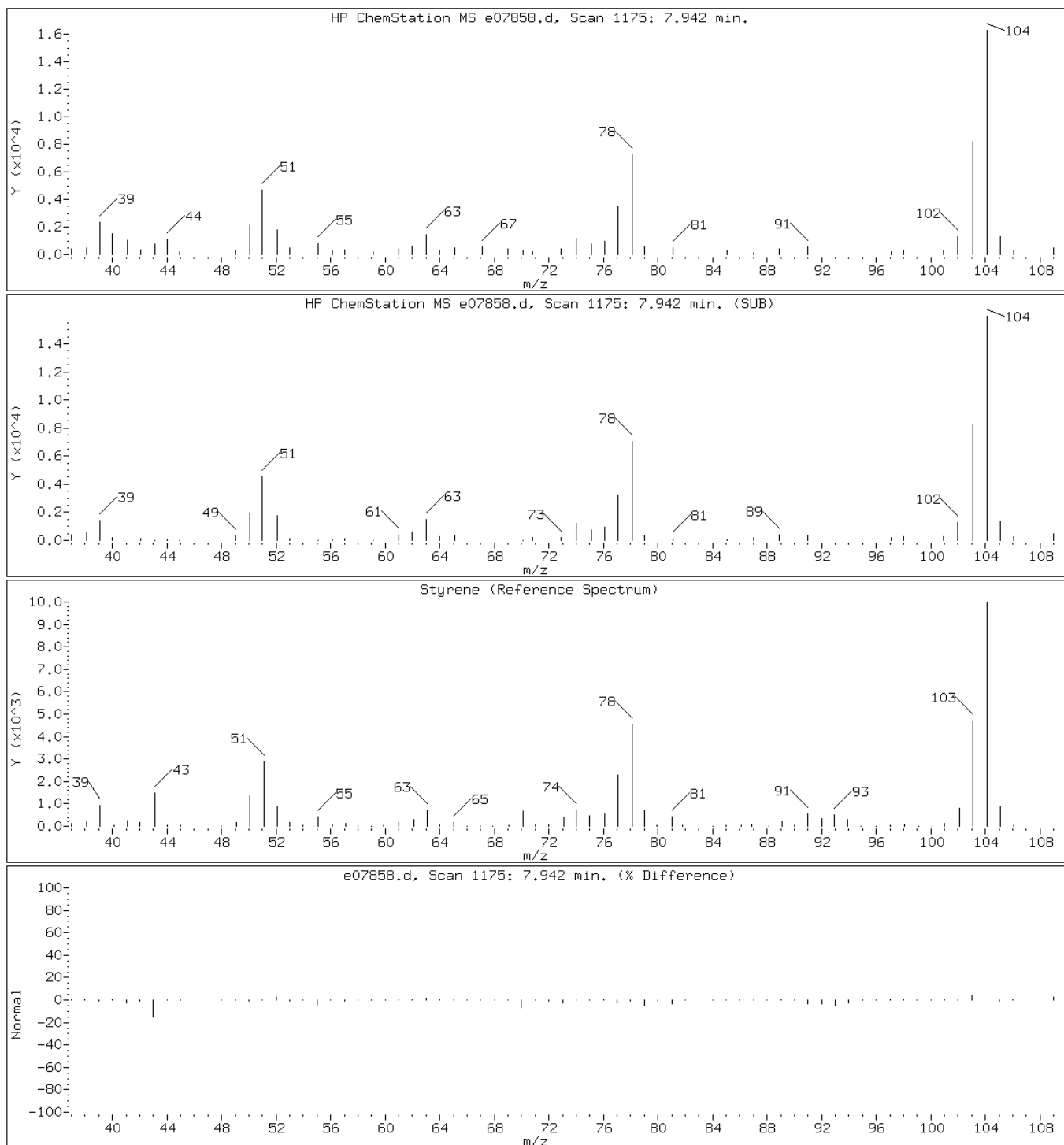
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

85 Styrene



Data File: e07858.d

Date: 17-SEP-2012 13:54

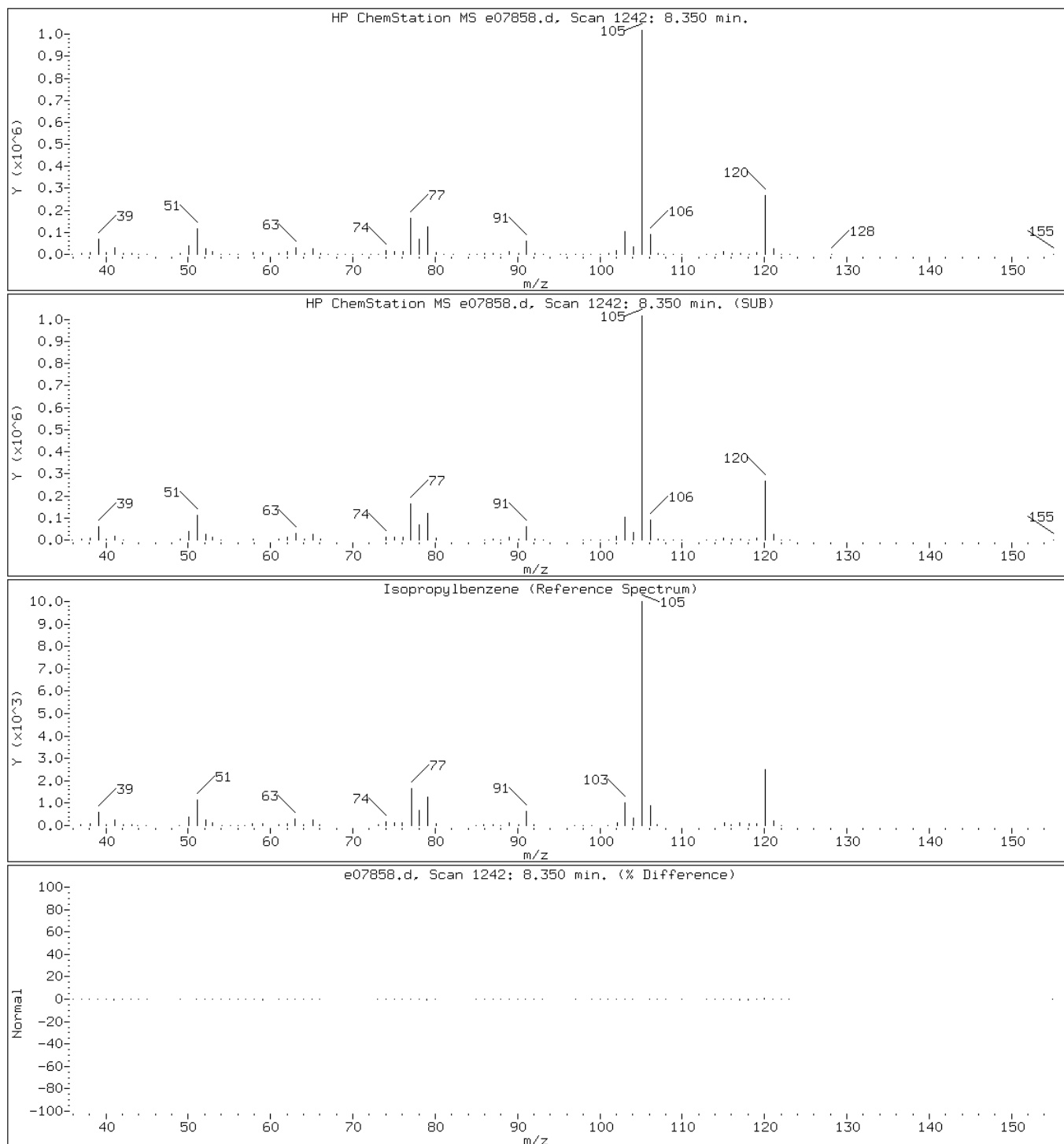
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

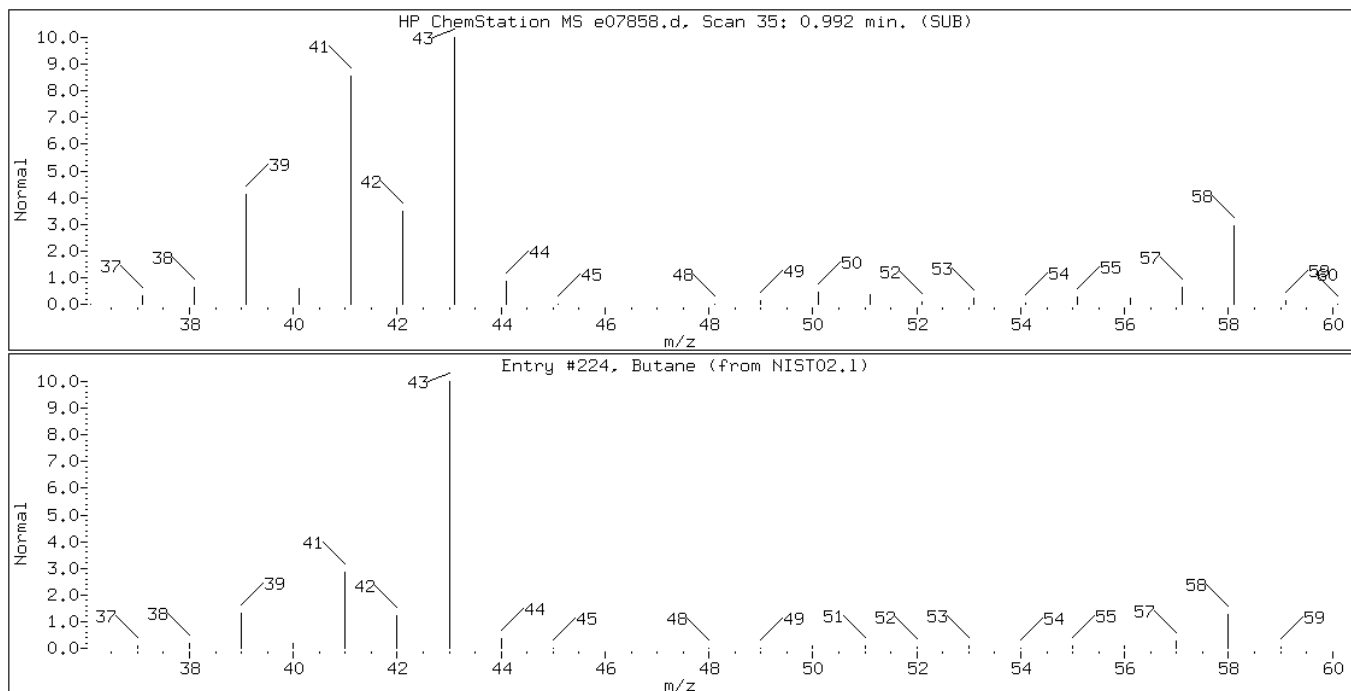
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Butane	106-97-8	NIST02.1	224	45	C4H10	58



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

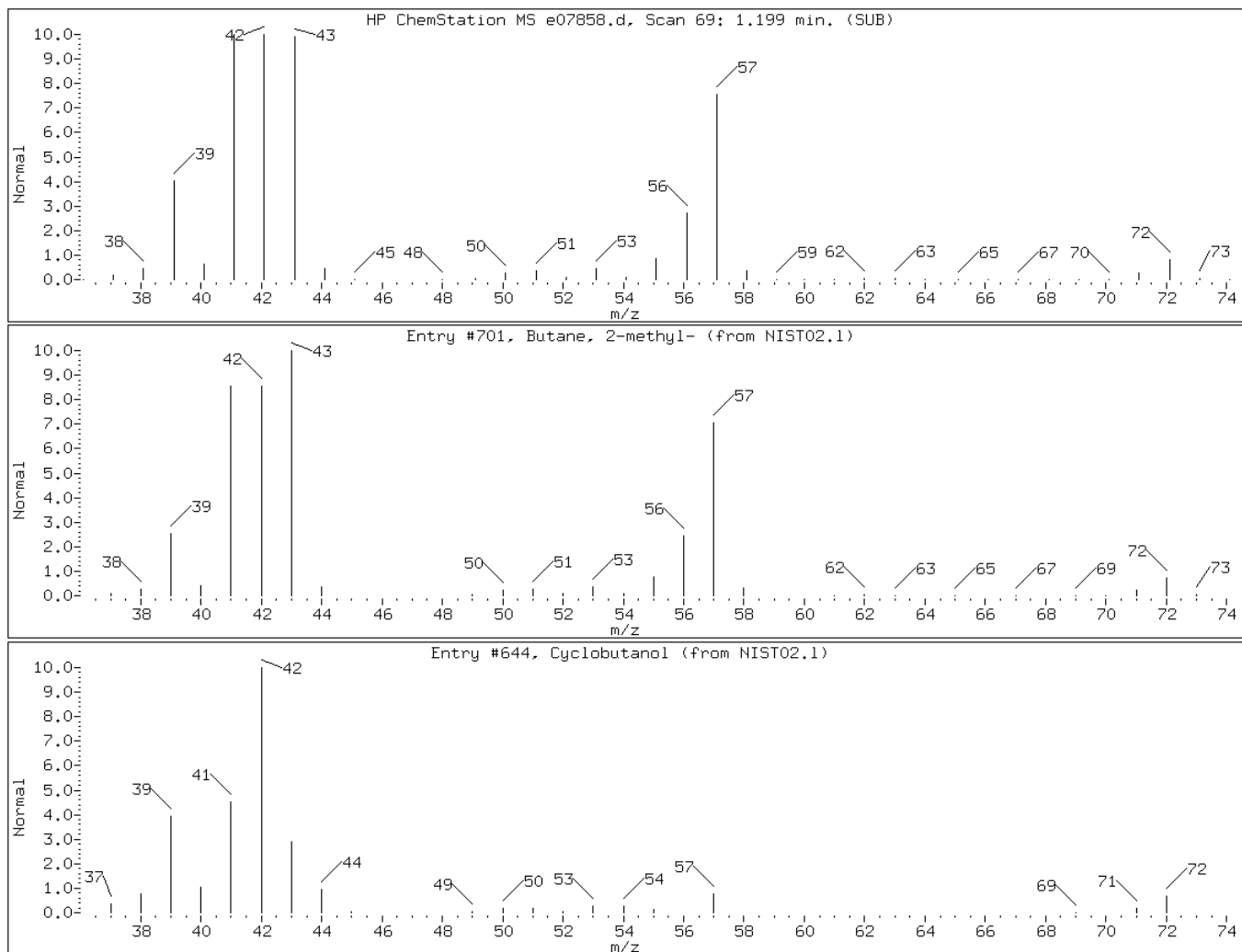
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	87	C5H12	72
Cyclobutanol	2919-23-5	NIST02.1	644	40	C4H8O	72



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

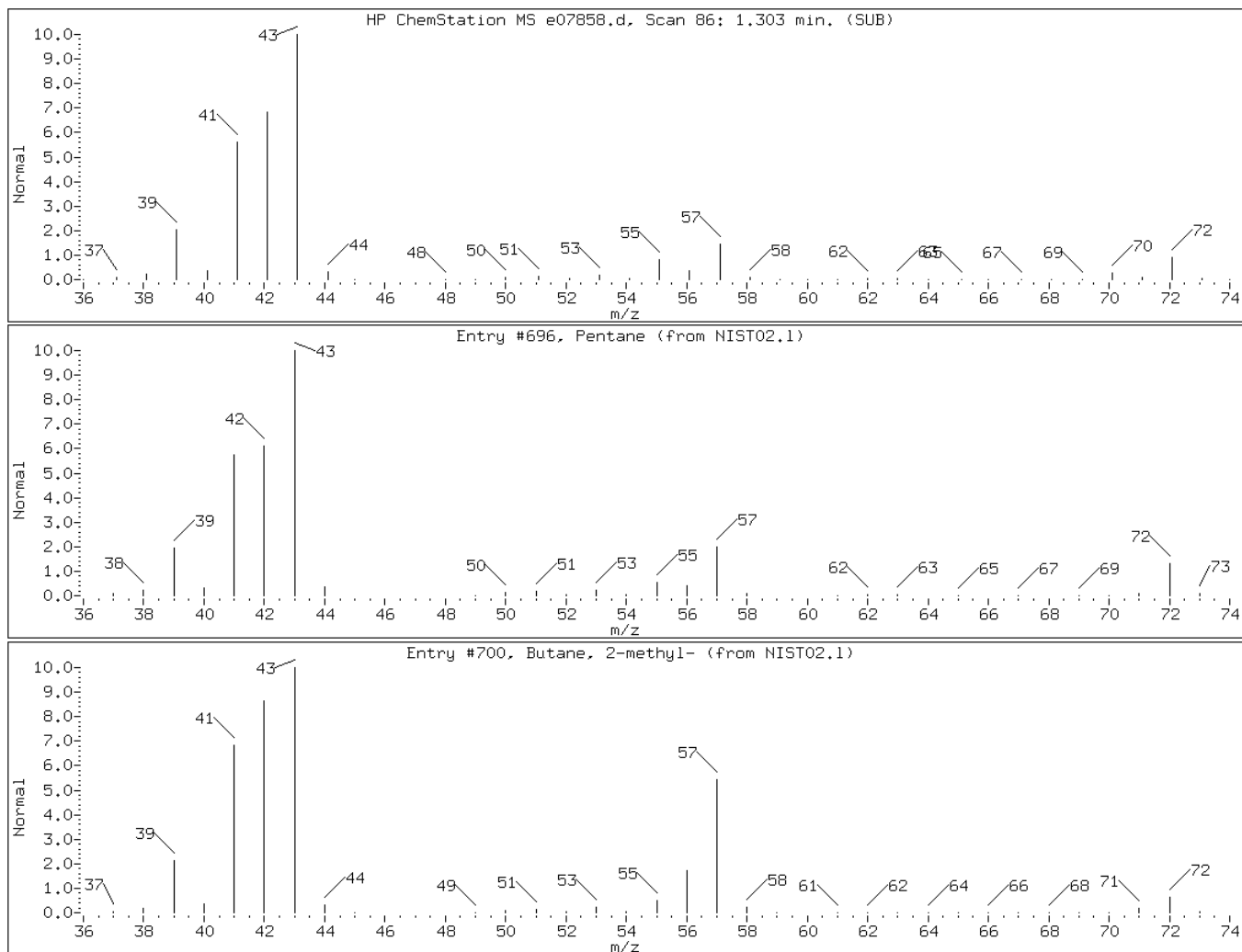
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane-1						
Pentane	109-66-0	NIST02.1	696	90	C5H12	72
Butane, 2-methyl-	78-78-4	NIST02.1	700	72	C5H12	72



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

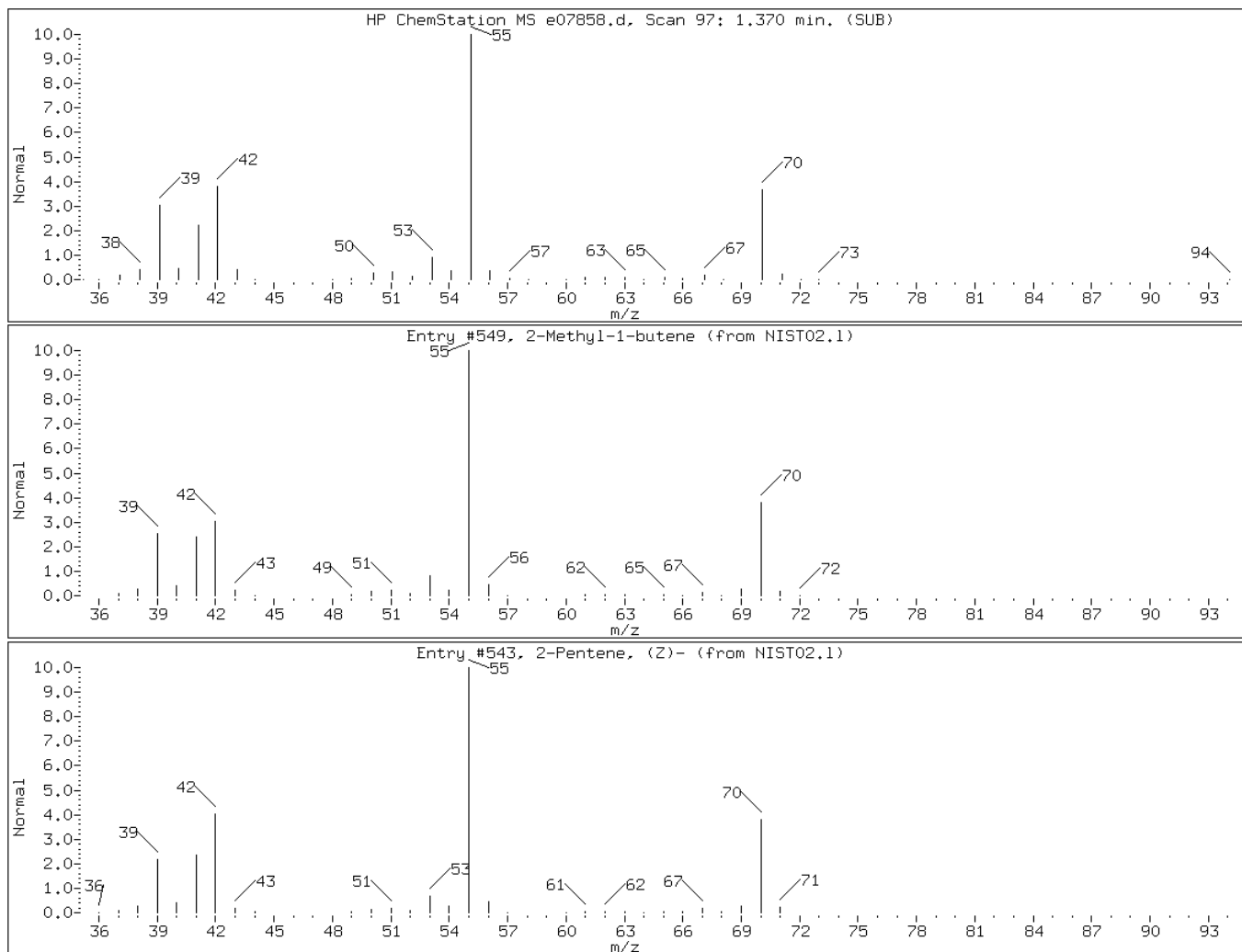
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
2-Methyl-1-butene	563-46-2	NIST02.1	549	91	C5H10	70
2-Pentene, (Z)-	627-20-3	NIST02.1	543	91	C5H10	70



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

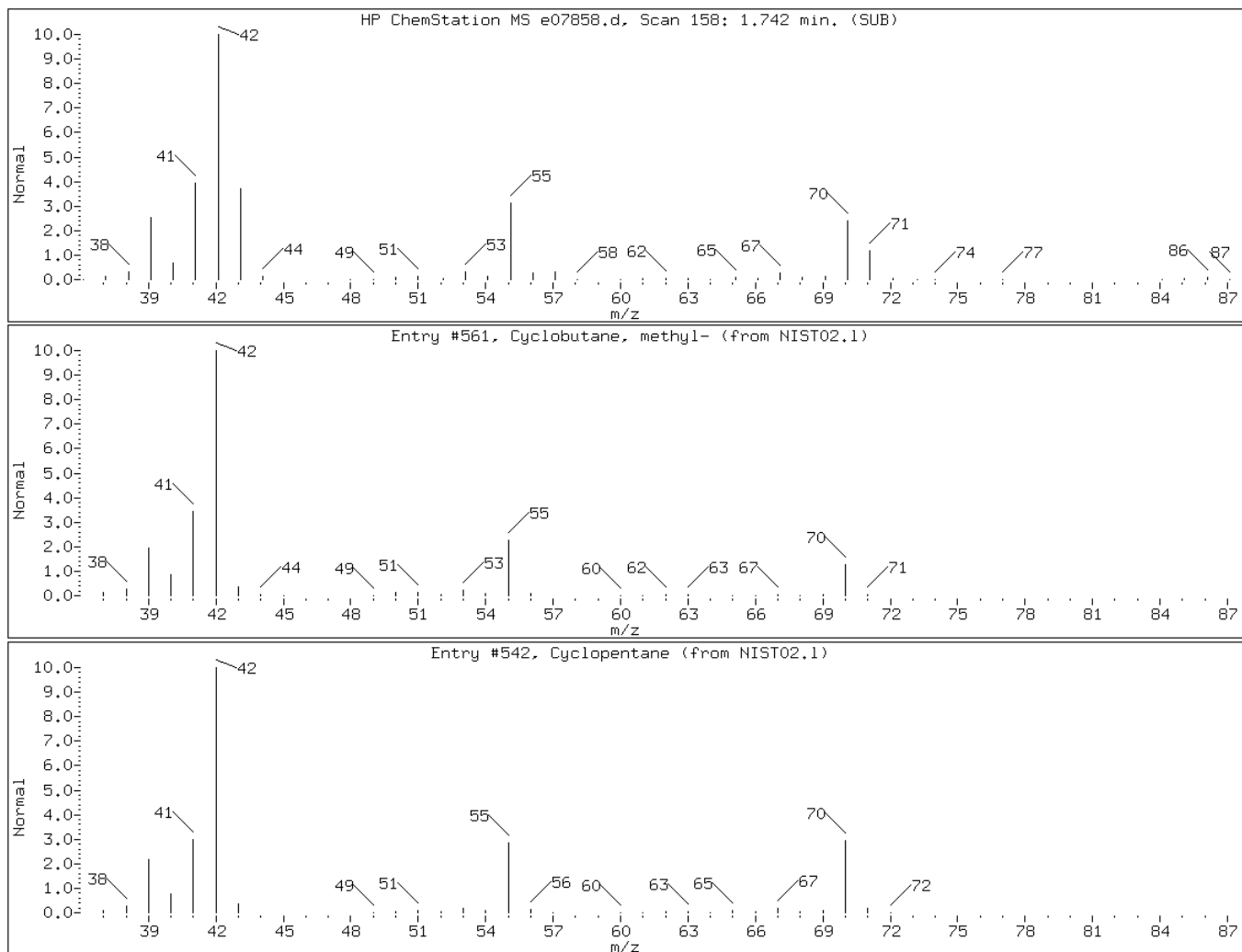
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclobutane, methyl-	598-61-8	NIST02.1	561	80	C5H10	70
Cyclopentane	287-92-3	NIST02.1	542	72	C5H10	70



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

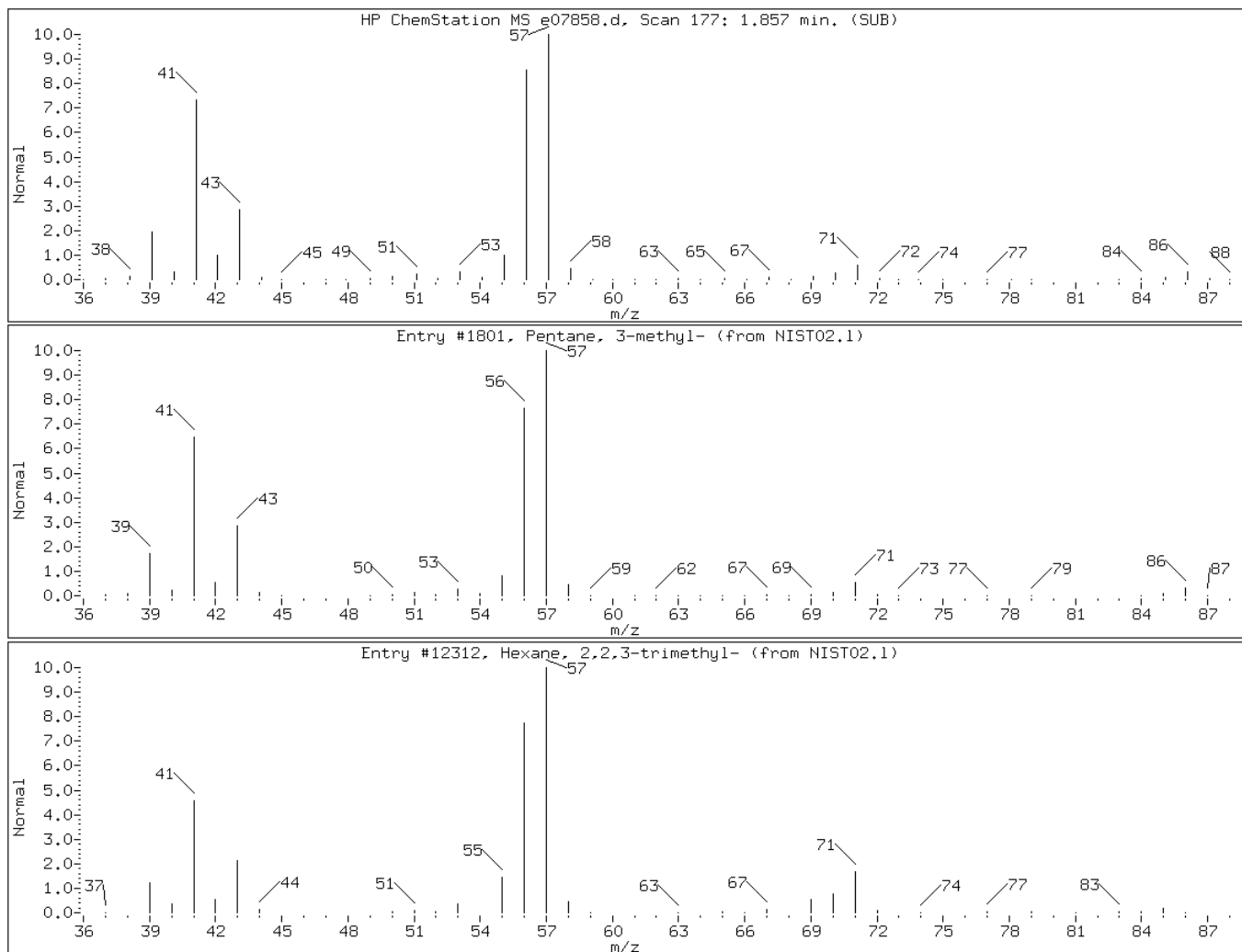
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Pentane, 3-methyl-	96-14-0	NIST02.1	1801	91	C6H14	86
Hexane, 2,2,3-trimethyl-	16747-25-4	NIST02.1	12312	78	C9H20	128



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

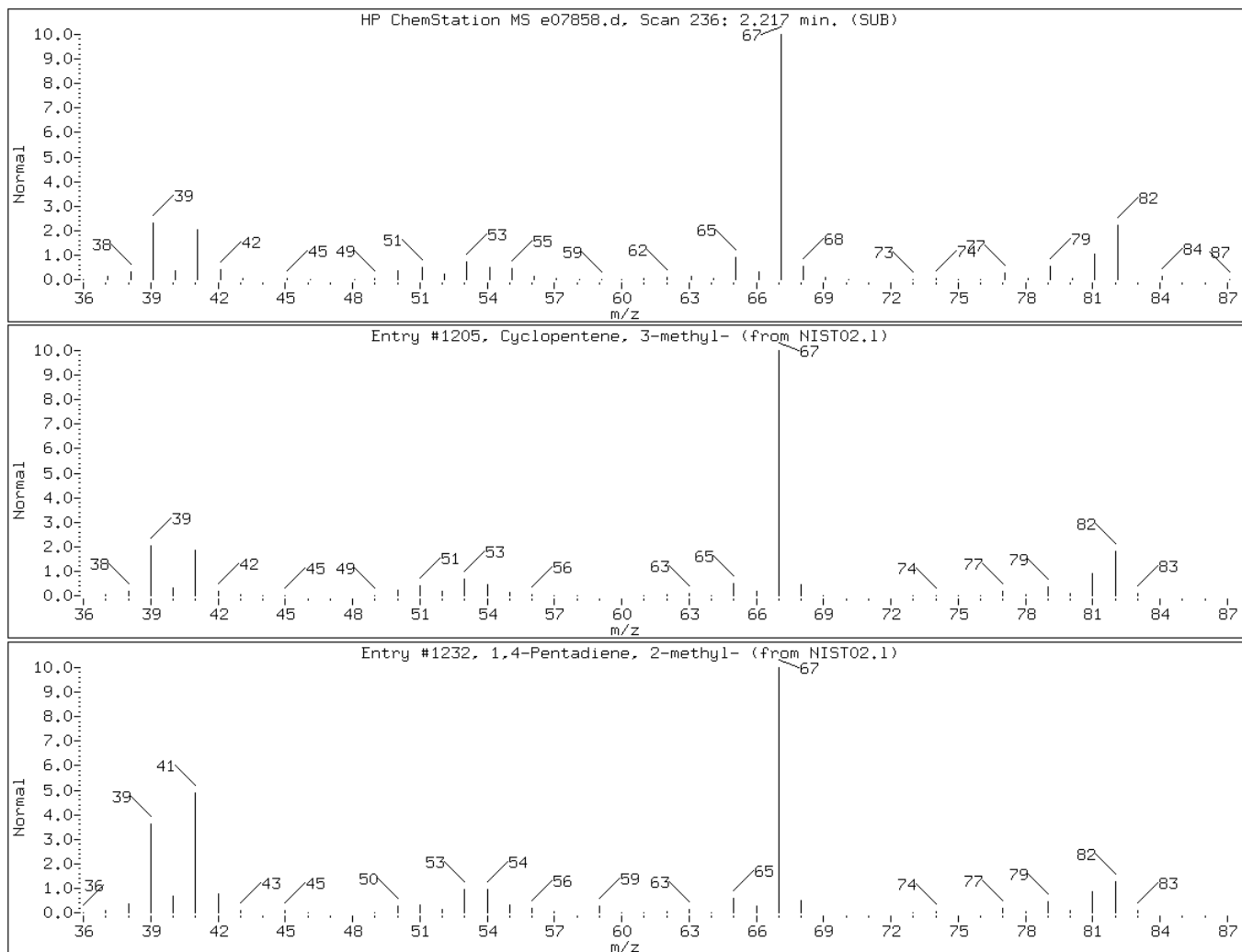
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclopentene, 3-methyl-	1120-62-3	NIST02.1	1205	91	C6H10	82
1,4-Pentadiene, 2-methyl-	763-30-4	NIST02.1	1232	91	C6H10	82



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

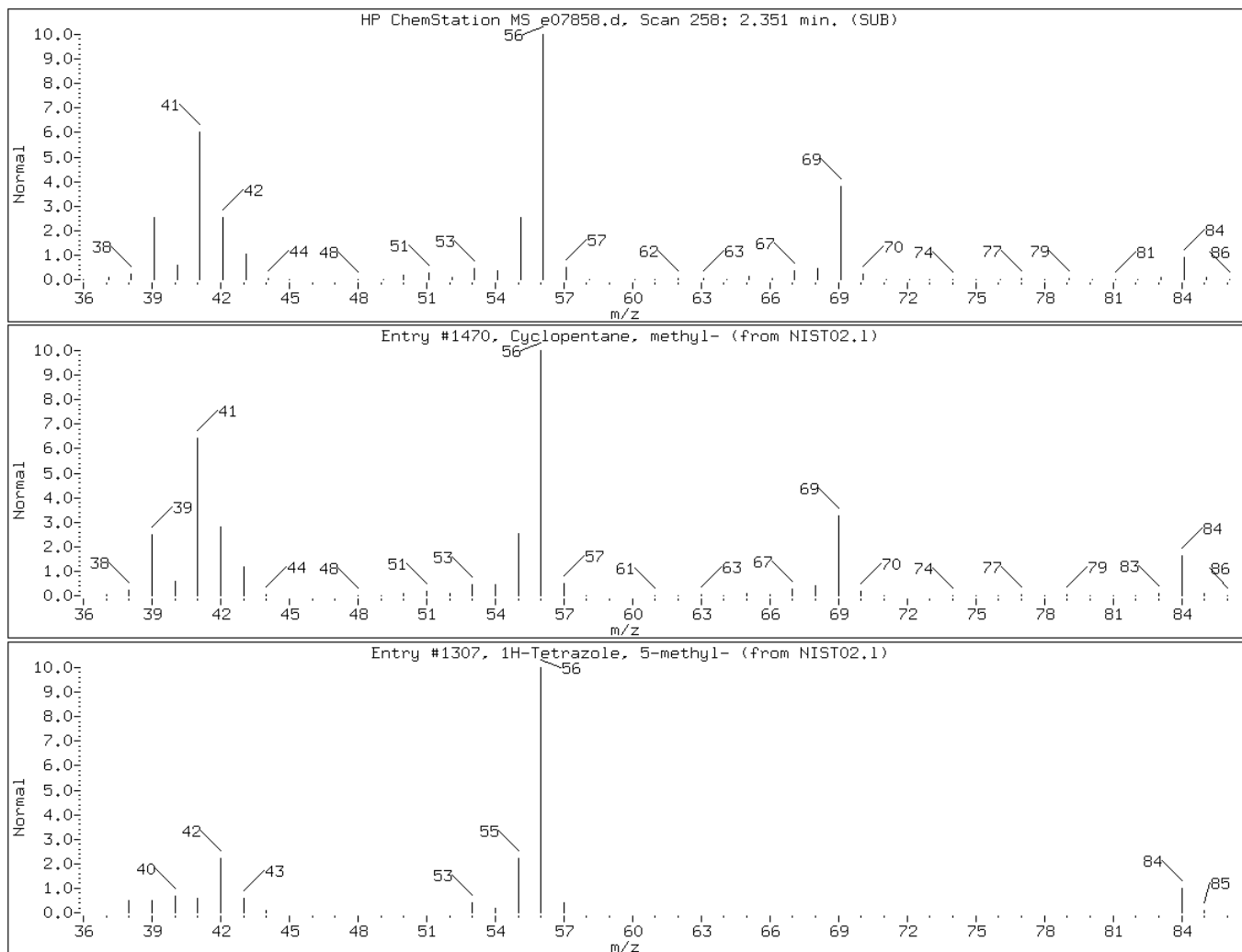
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	80	C2H4N4	84



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

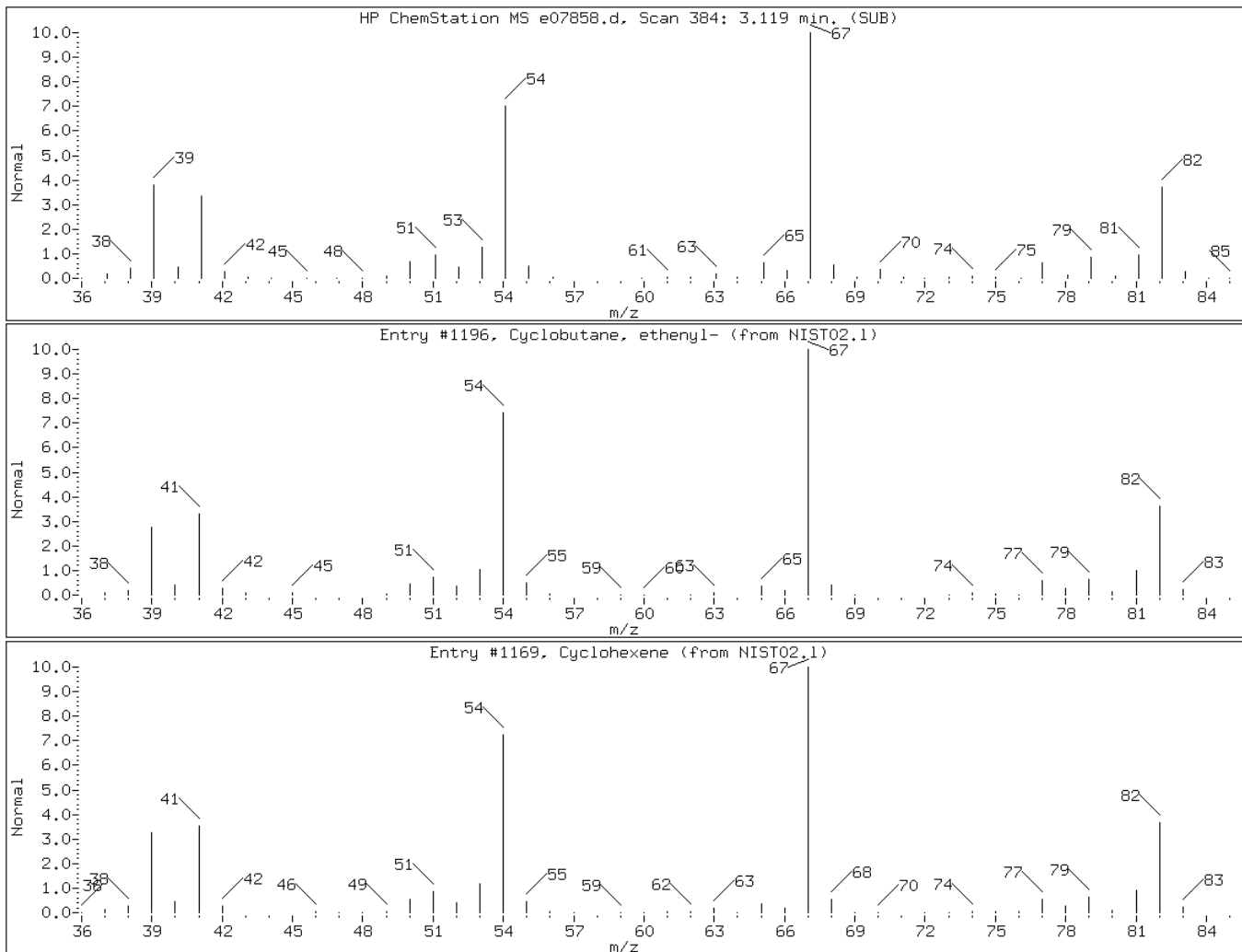
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene-1						
Cyclobutane, ethenyl-	2597-49-1	NIST02.1	1196	93	C6H10	82
Cyclohexene	110-83-8	NIST02.1	1169	93	C6H10	82



Data File: e07858.d

Date: 17-SEP-2012 13:54

Client ID: WG-17338-091112-VAS

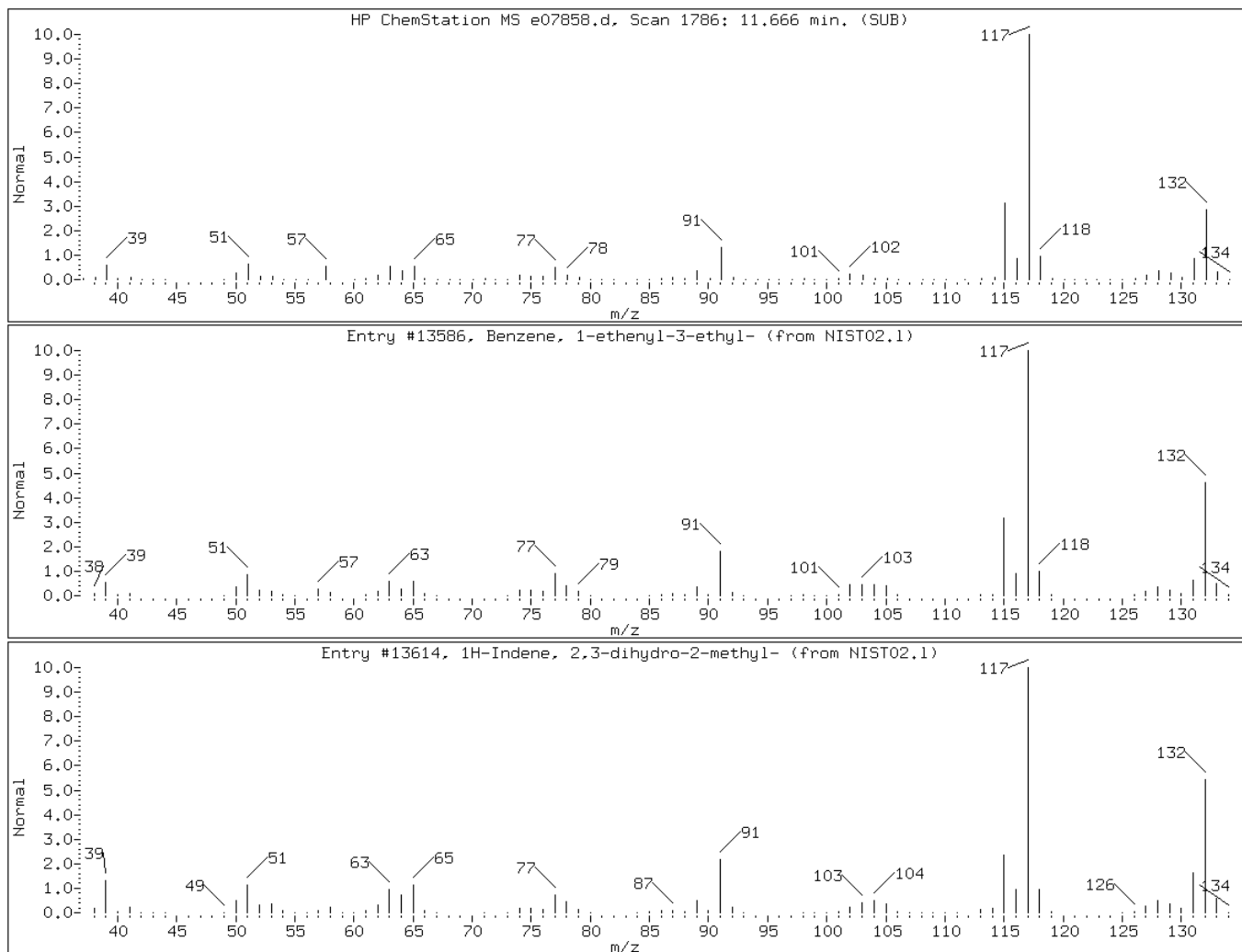
Instrument: VOAMS5.i

Sample Info: 460-44505-A-3

Operator: GC/MS VOAMS5

Retention Time: 11.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	90	C10H12	132
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.1	13614	87	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-4
 Matrix: Water Lab File ID: e07859.d
 Analysis Method: 8260B Date Collected: 09/11/2012 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.99	J	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.30	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	4.5		1.0	0.10
110-82-7	Cyclohexane	150		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	350		1.0	0.080
107-06-2	1,2-Dichloroethane	3.0		1.0	0.19
79-01-6	Trichloroethene	0.35	J	1.0	0.090
108-87-2	Methylcyclohexane	50		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	24		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-4
 Matrix: Water Lab File ID: e07859.d
 Analysis Method: 8260B Date Collected: 09/11/2012 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.36	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.14	J	1.0	0.11
1330-20-7	Xylenes, Total	4.1		3.0	0.36
100-42-5	Styrene	0.38	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	29		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS9-MM-2 Lab Sample ID: 460-44505-4
 Matrix: Water Lab File ID: e07859.d
 Analysis Method: 8260B Date Collected: 09/11/2012 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 1281

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.99	290	J
	C5H12 Alkane	1.21	290	J
	C5H8 Cycloalkene	1.71	89	J
	C5H10 Cycloalkane	1.74	210	J
	C6H10 Cycloalkene	2.22	53	J
	C6H12 Cycloalkane	2.35	150	J
	C6H10 Cycloalkene-1	3.12	69	J
	Unknown	3.56	45	J
	C10H12 Aromatic	11.66	40	J
91-20-3	Naphthalene	13.28	45	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07859.d
 Report Date: 17-Sep-2012 16:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07859.d
 Lab Smp Id: 460-44505-A-4 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 14:17
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-4
 Misc Info : 460-44505-A-4
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 25
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
28 MTBE	73	2.010	2.022	(0.559)	10471		0.30179	0.30(a)
44 Cyclohexane	56	2.784	2.790	(0.774)	3115334		154.246	150
48 Benzene	78	3.260	3.260	(0.469)	17224503		348.914	350
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.369	(0.936)	695412		53.9404	54
49 1,2-Dichloroethane	62	3.418	3.424	(0.951)	48920		2.96470	3.0
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2505660		50.0000	
54 Trichloroethene	95	3.741	3.753	(1.041)	4176		0.34520	0.34(a)
56 Methyl cyclohexane	83	3.729	3.741	(1.037)	823780		50.0142	50
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2289435		49.8273	50
66 Toluene	91	5.162	5.168	(0.742)	1334548		23.8890	24
71 Tetrachloroethene	166	5.576	5.594	(0.802)	4762		0.36057	0.36(a)
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1960160		50.0000	
79 Chlorobenzene	112	6.972	6.997	(1.003)	5094		0.13984	0.14(a)
81 Ethylbenzene	106	7.064	7.094	(1.016)	86460		4.45293	4.4
82 m+p-Xylene	106	7.277	7.308	(1.046)	23942		0.96978	0.97(a)
84 o-Xylene	106	7.856	7.887	(1.130)	76302		3.16908	3.2

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07859.d
 Report Date: 17-Sep-2012 16:44

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
85 Styrene	104	7.942	7.966	(1.142)	15477	0.37509	0.38(a)
88 Isopropylbenzene	105	8.350	8.368	(1.201)	1755470	28.6934	29
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	847741	50.2474	50
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1043283	50.0000	
111 1,2-Dichlorobenzene	146	11.148	11.185	(1.065)	25992	0.98853	0.99(a)
M 121 Xylene (Total)	100				100244	4.13886	4.1

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e07859.d

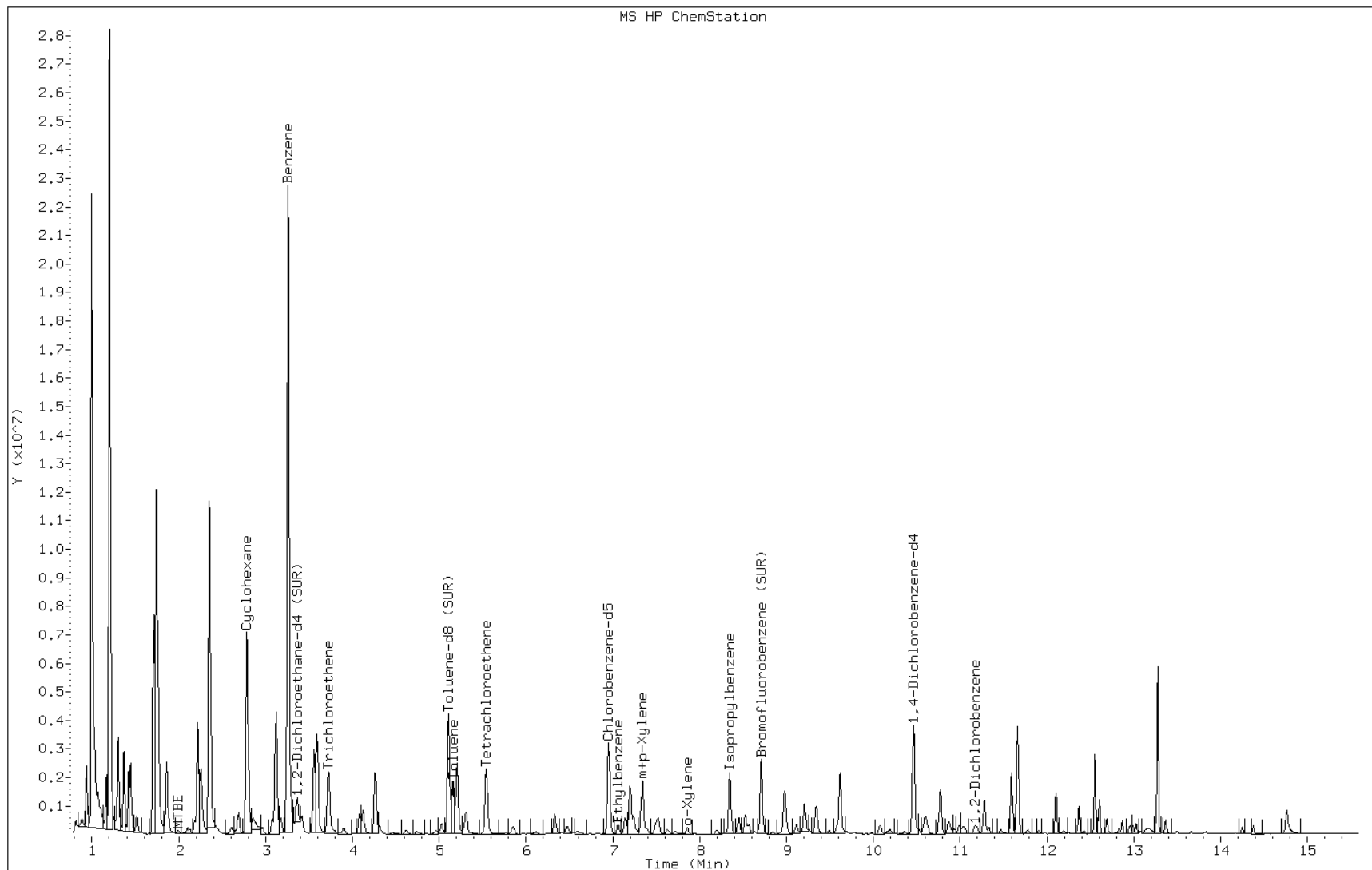
Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5



Data File: e07859.d

Date: 17-SEP-2012 14:17

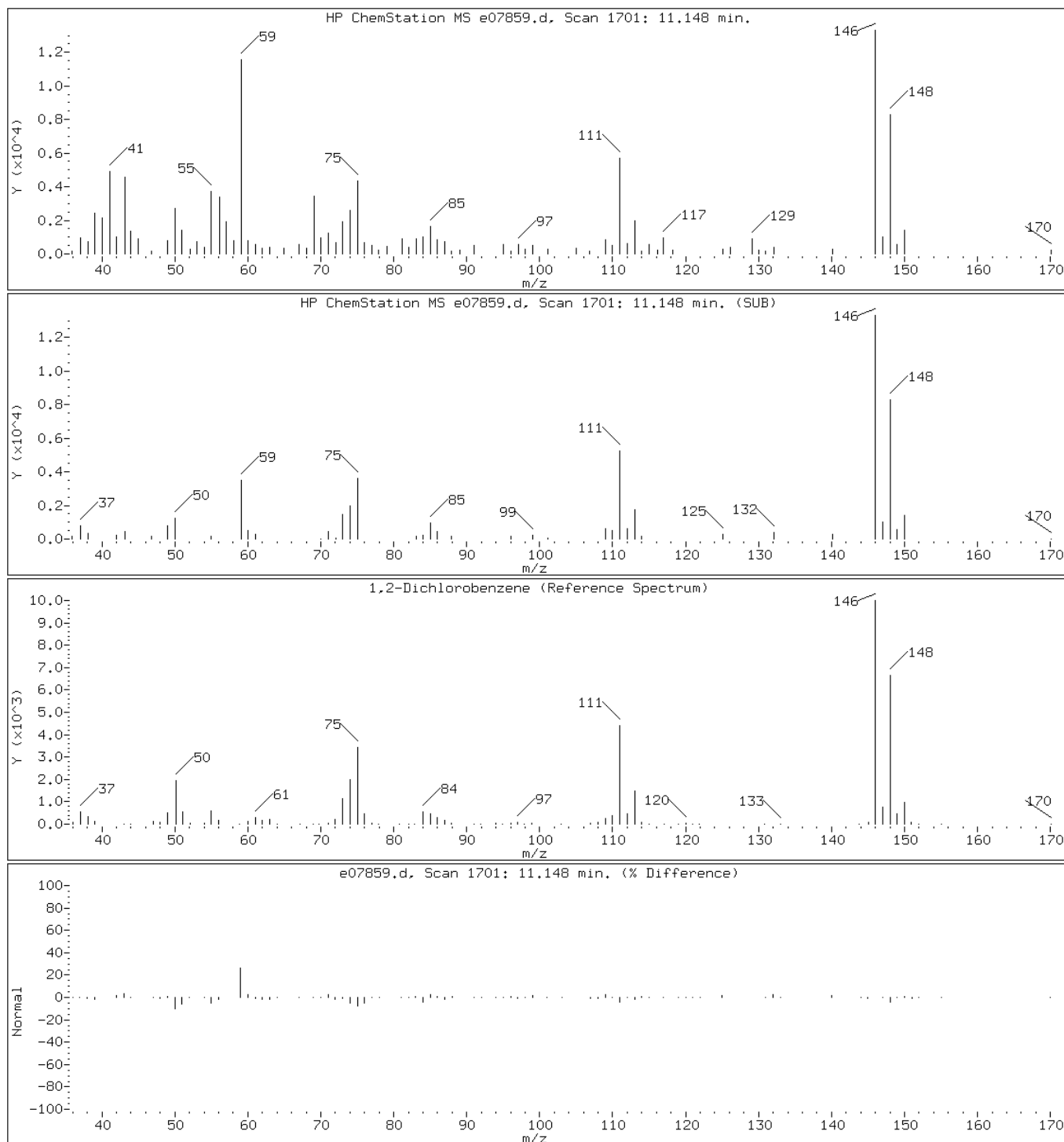
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e07859.d

Date: 17-SEP-2012 14:17

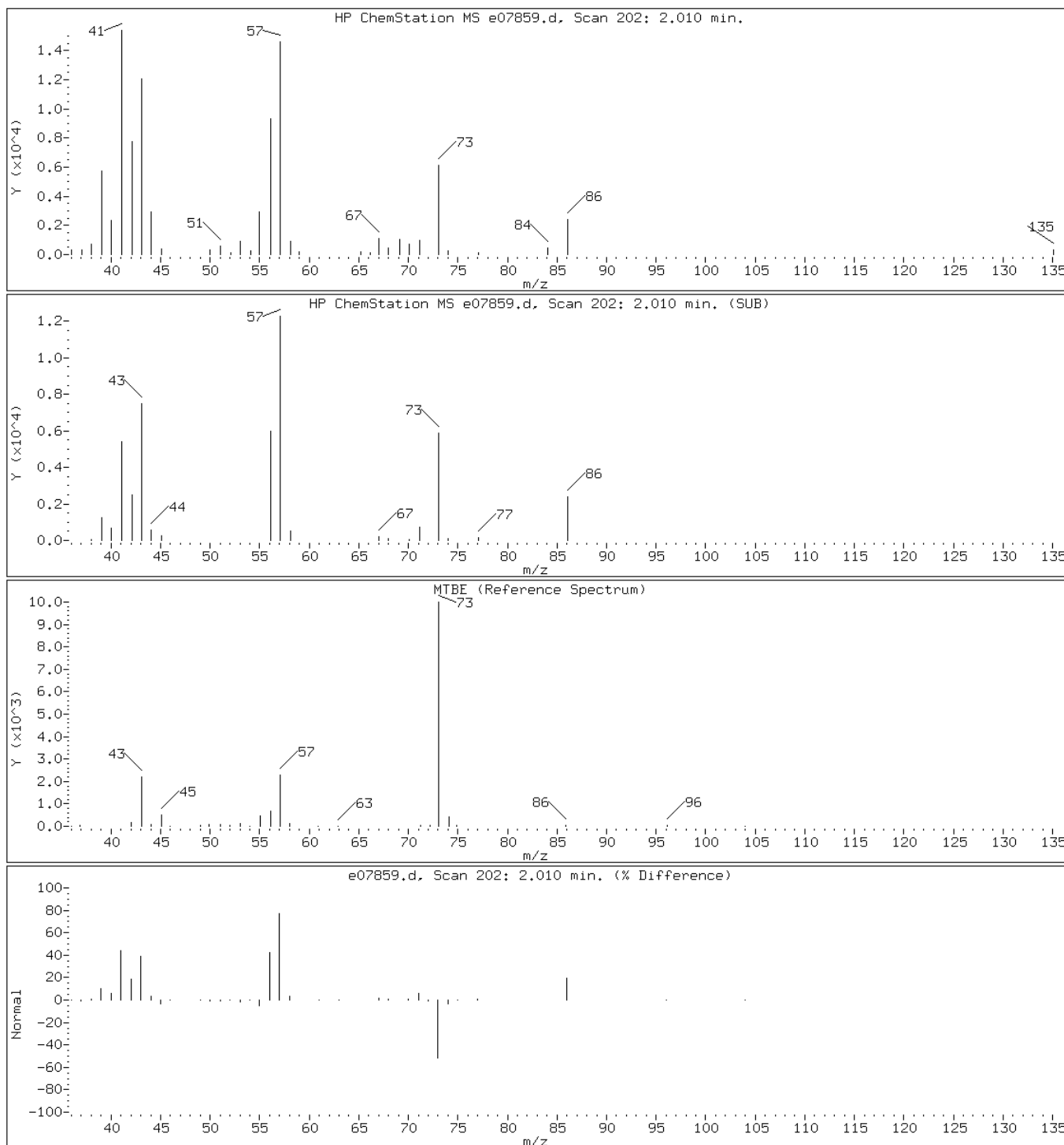
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07859.d

Date: 17-SEP-2012 14:17

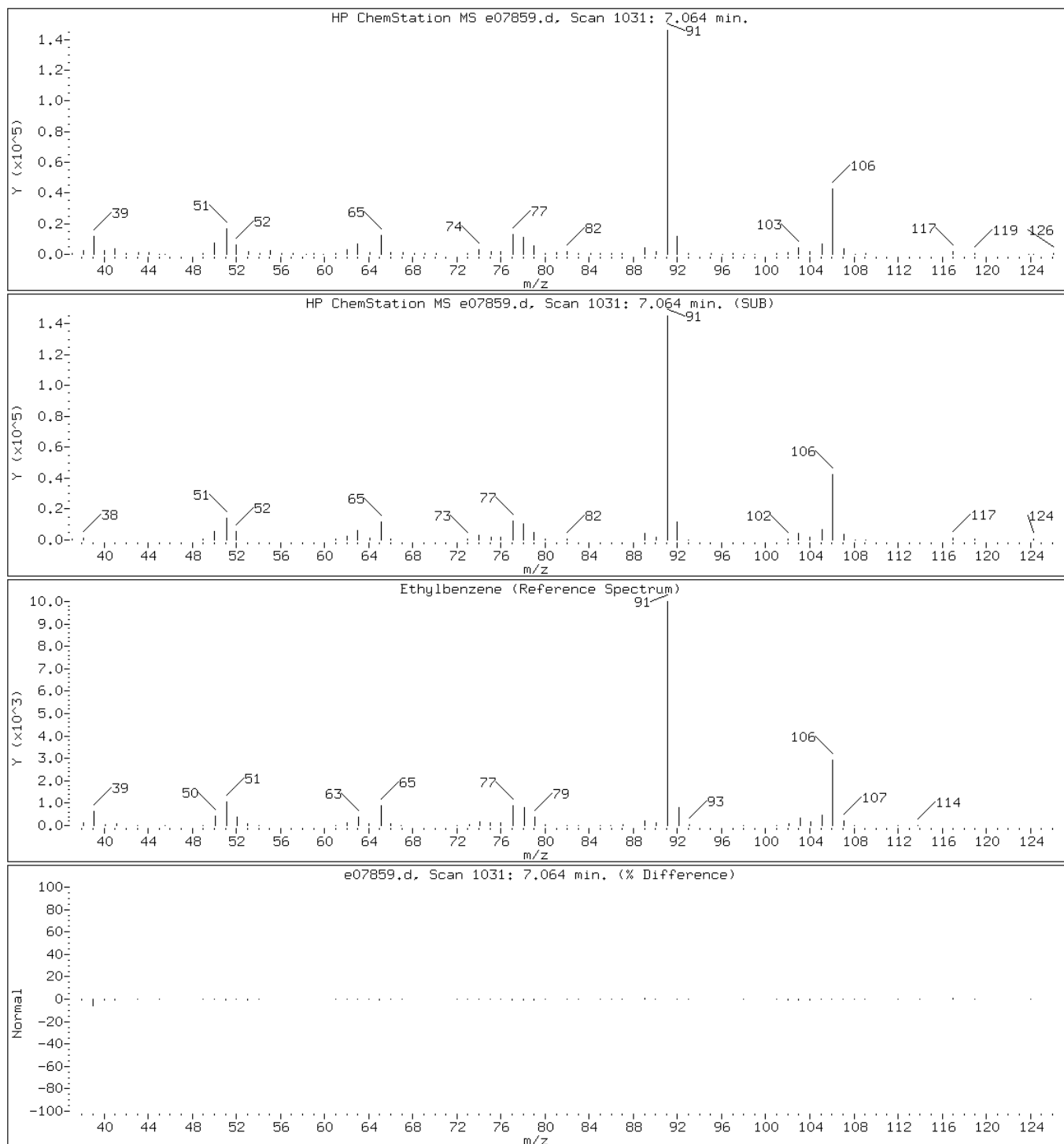
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07859.d

Date: 17-SEP-2012 14:17

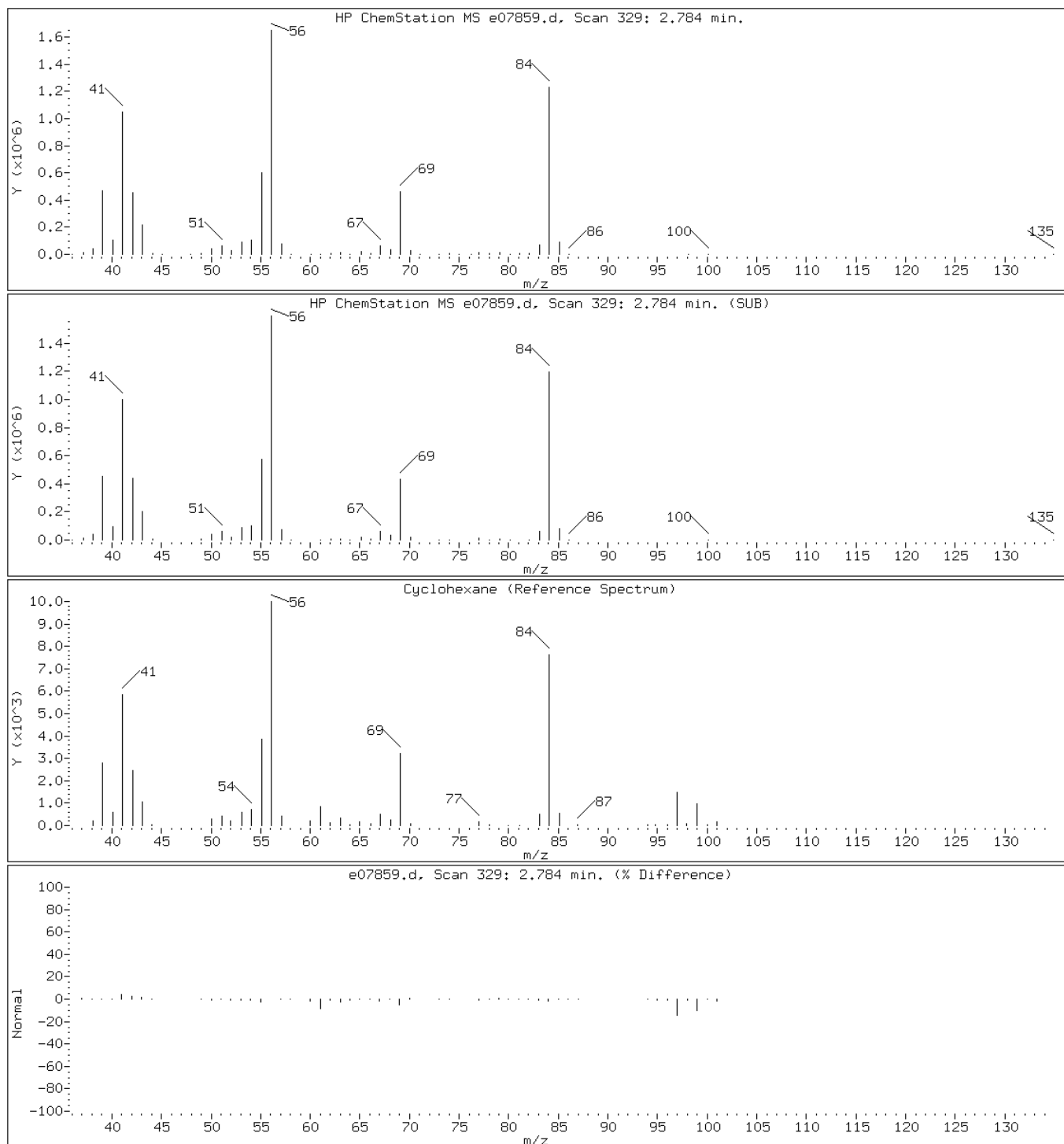
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07859.d

Date: 17-SEP-2012 14:17

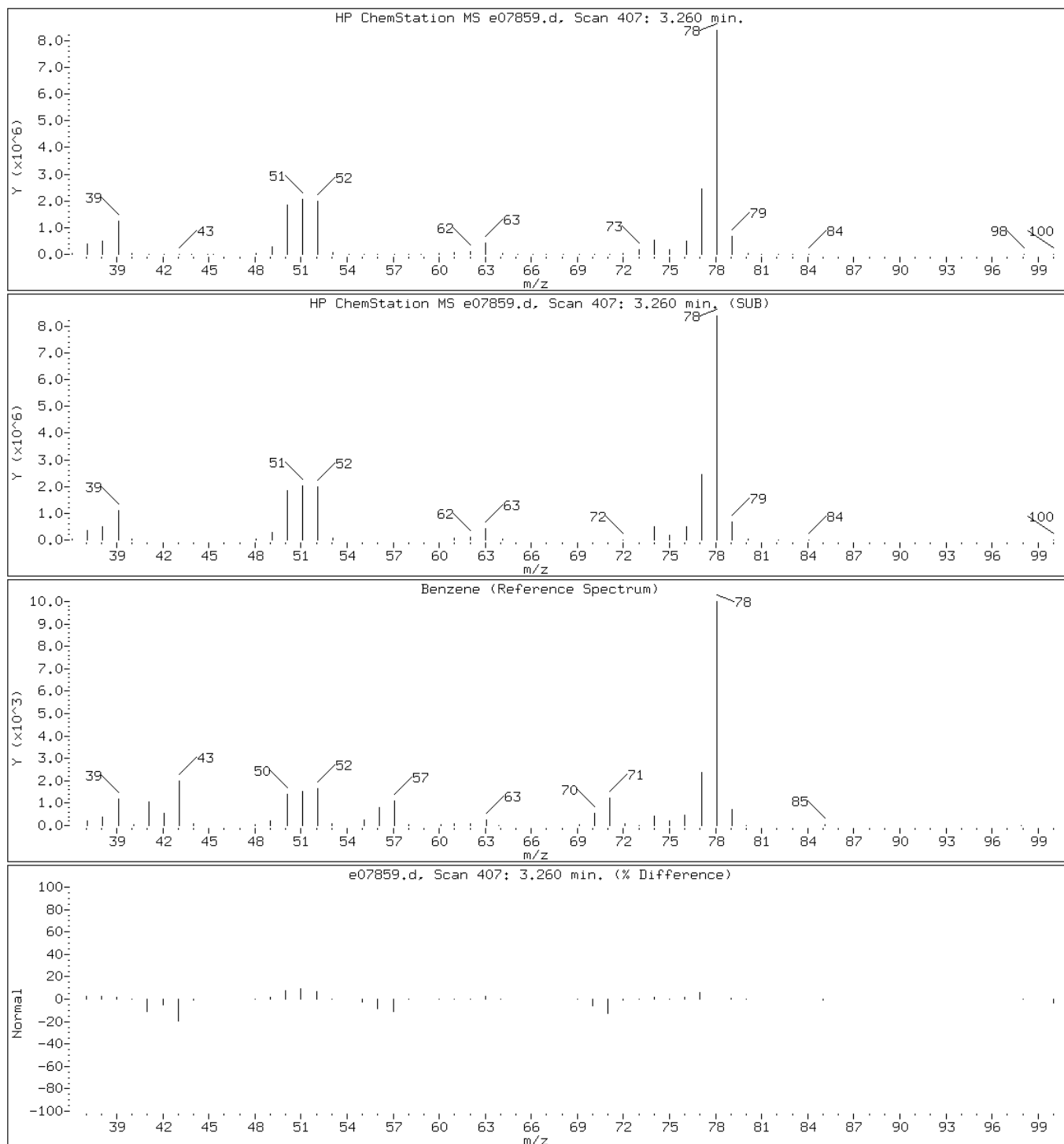
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07859.d

Date: 17-SEP-2012 14:17

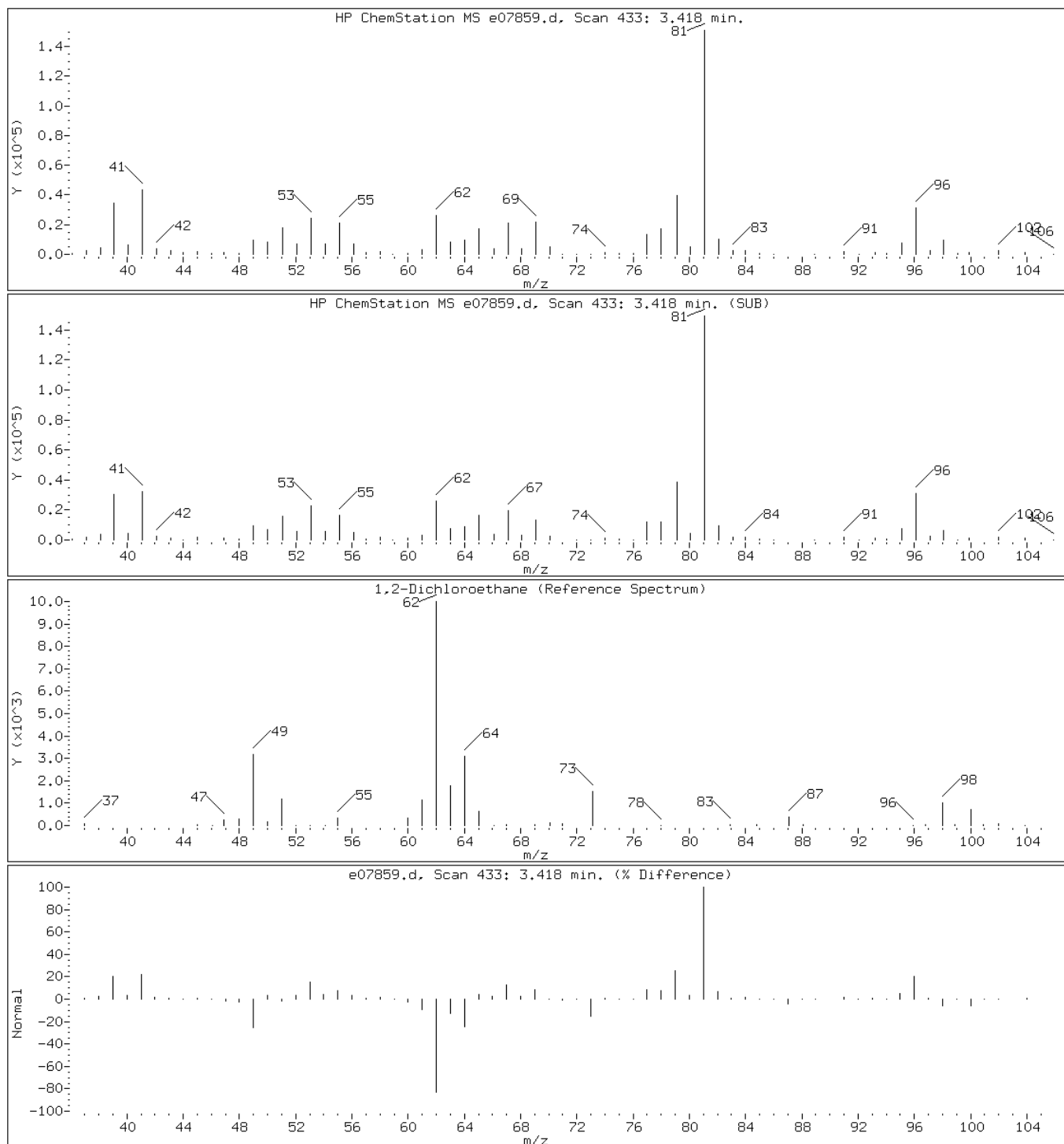
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07859.d

Date: 17-SEP-2012 14:17

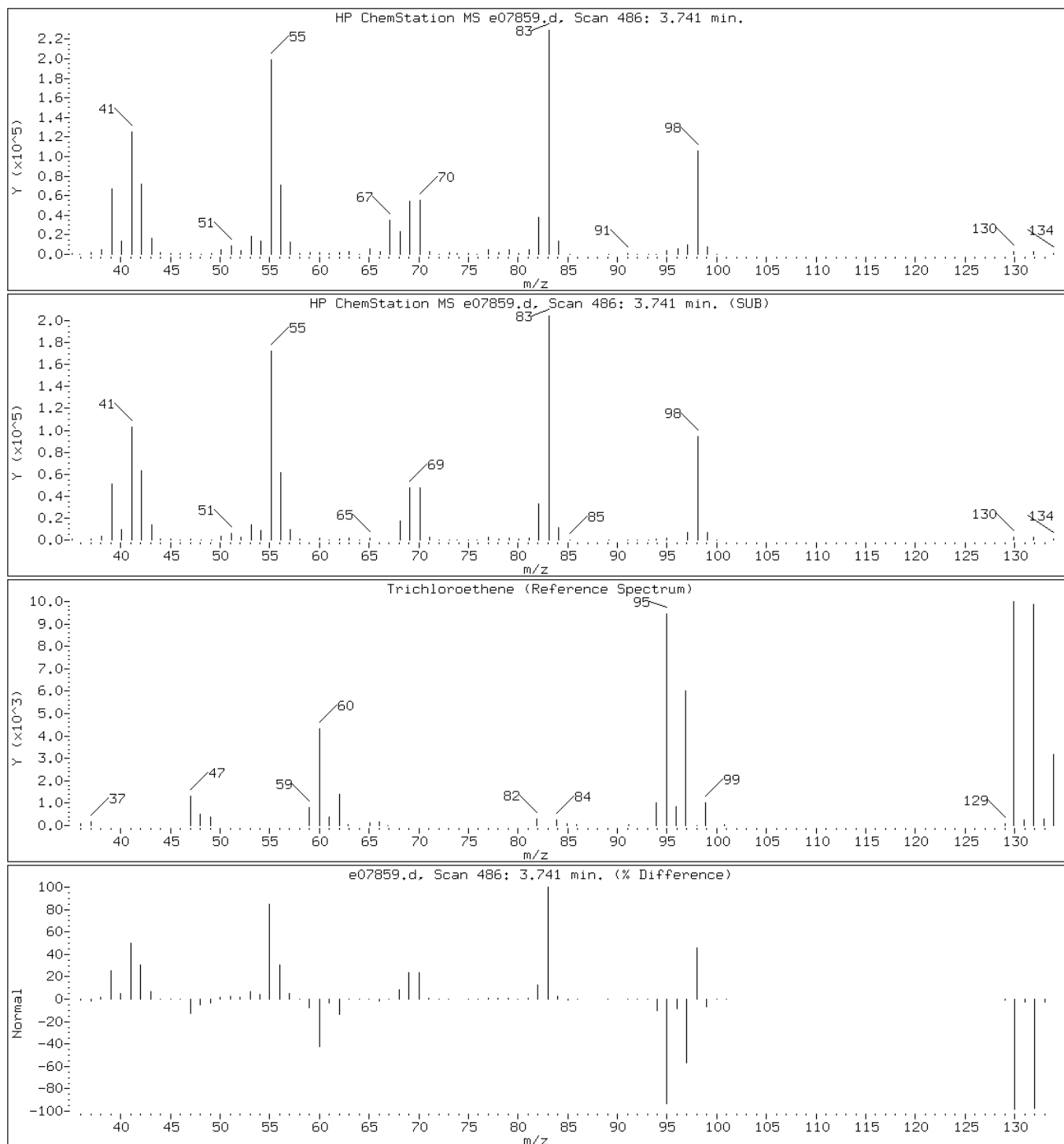
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07859.d

Date: 17-SEP-2012 14:17

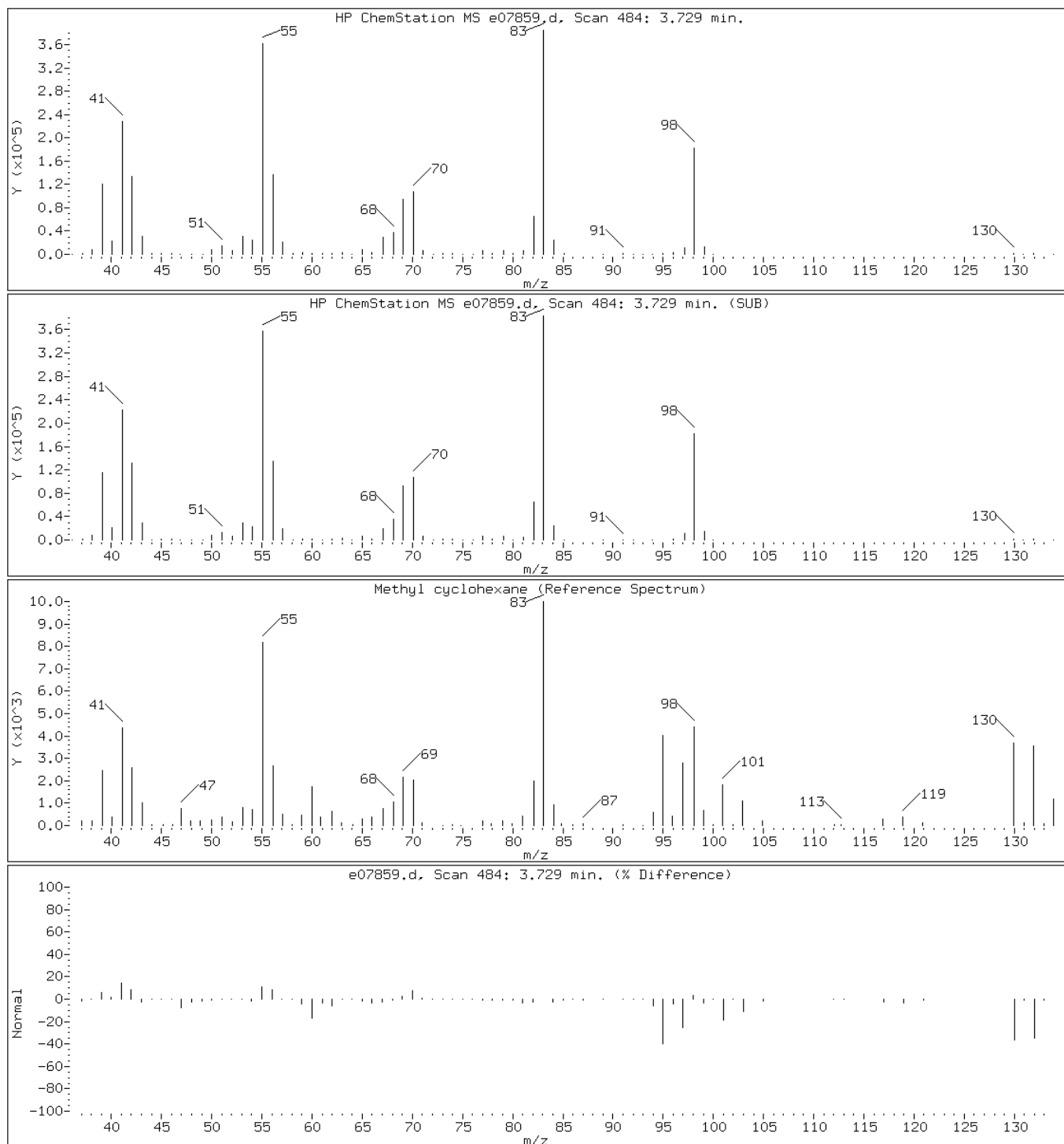
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07859.d

Date: 17-SEP-2012 14:17

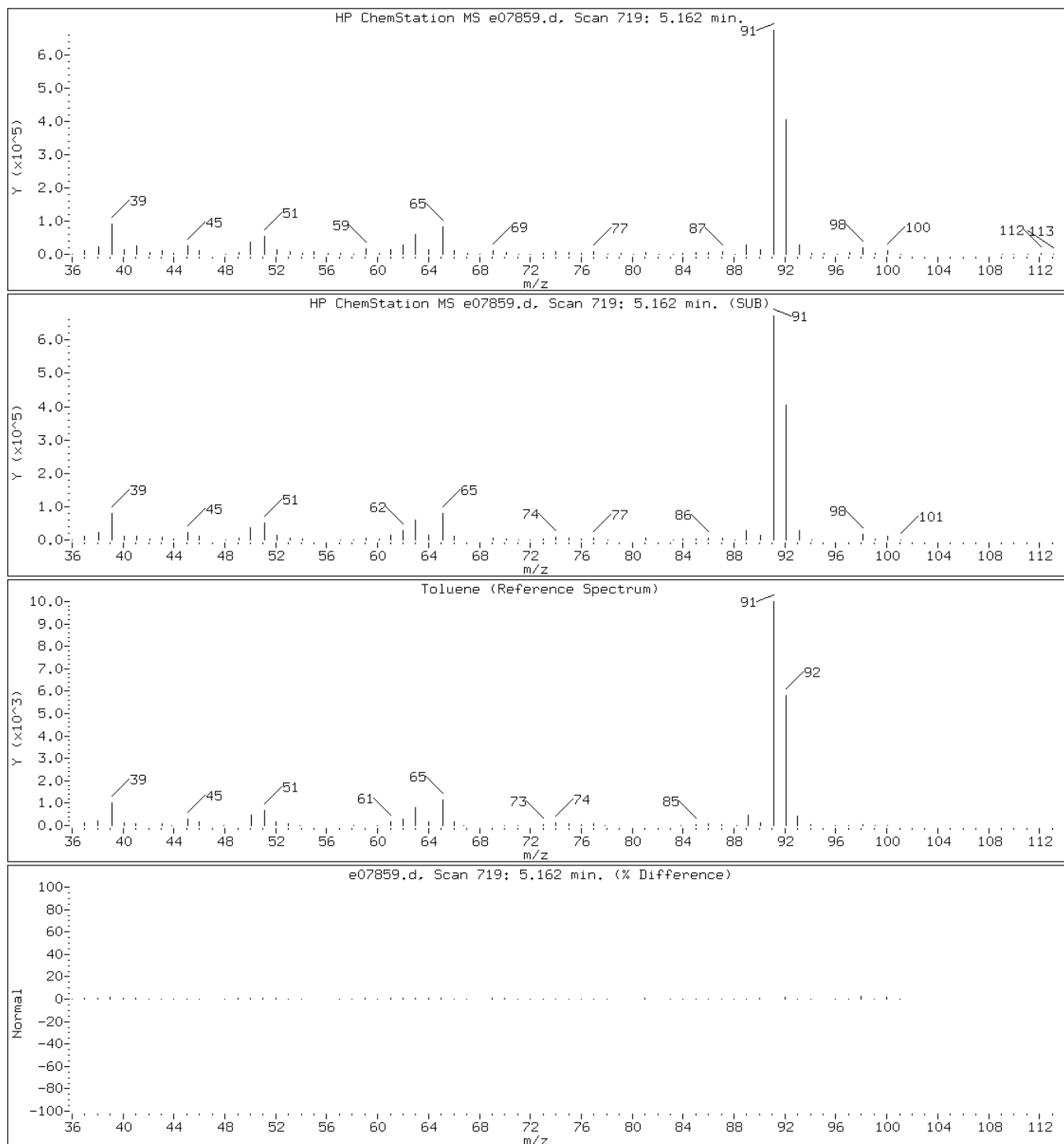
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07859.d

Date: 17-SEP-2012 14:17

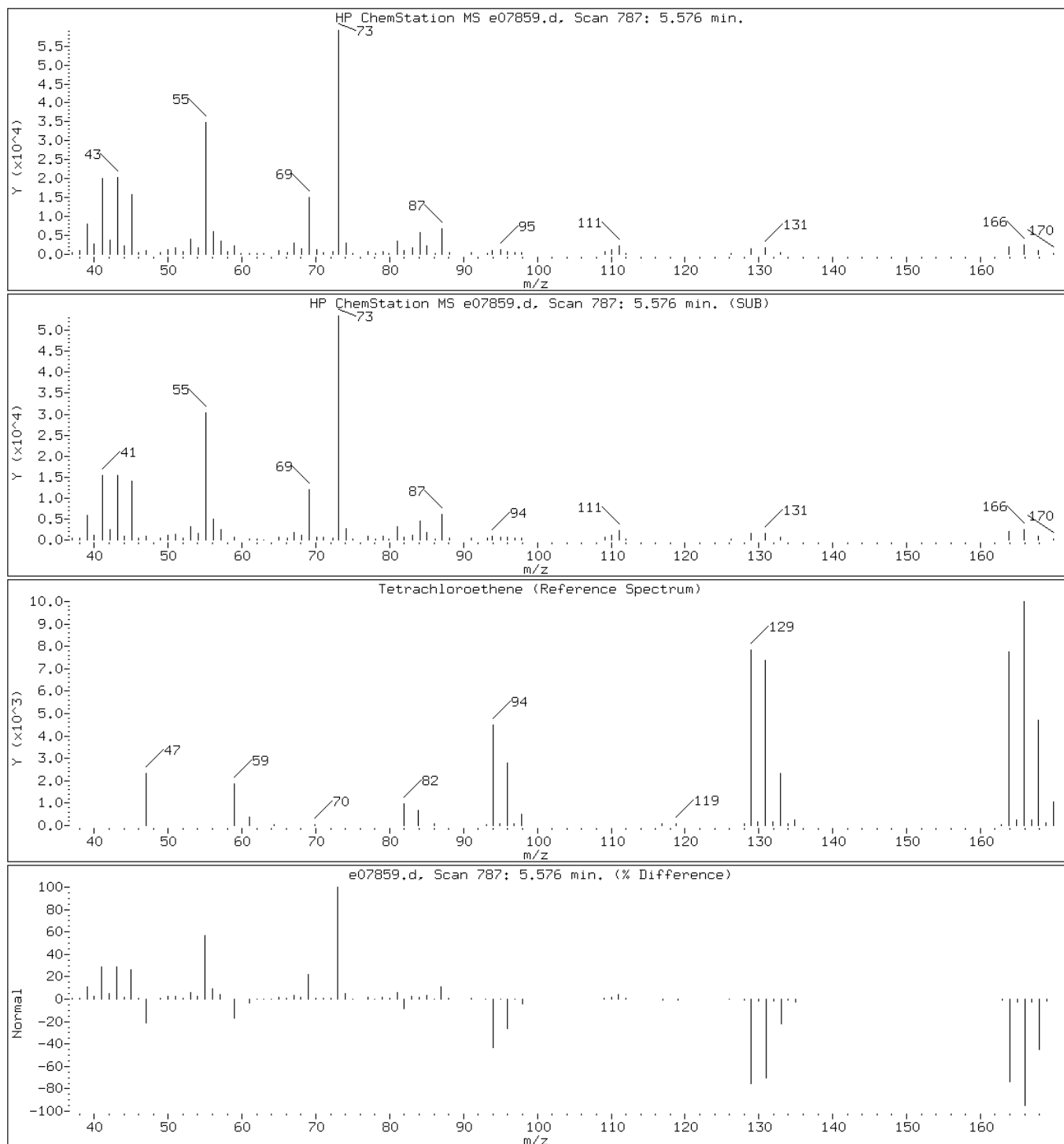
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07859.d

Date: 17-SEP-2012 14:17

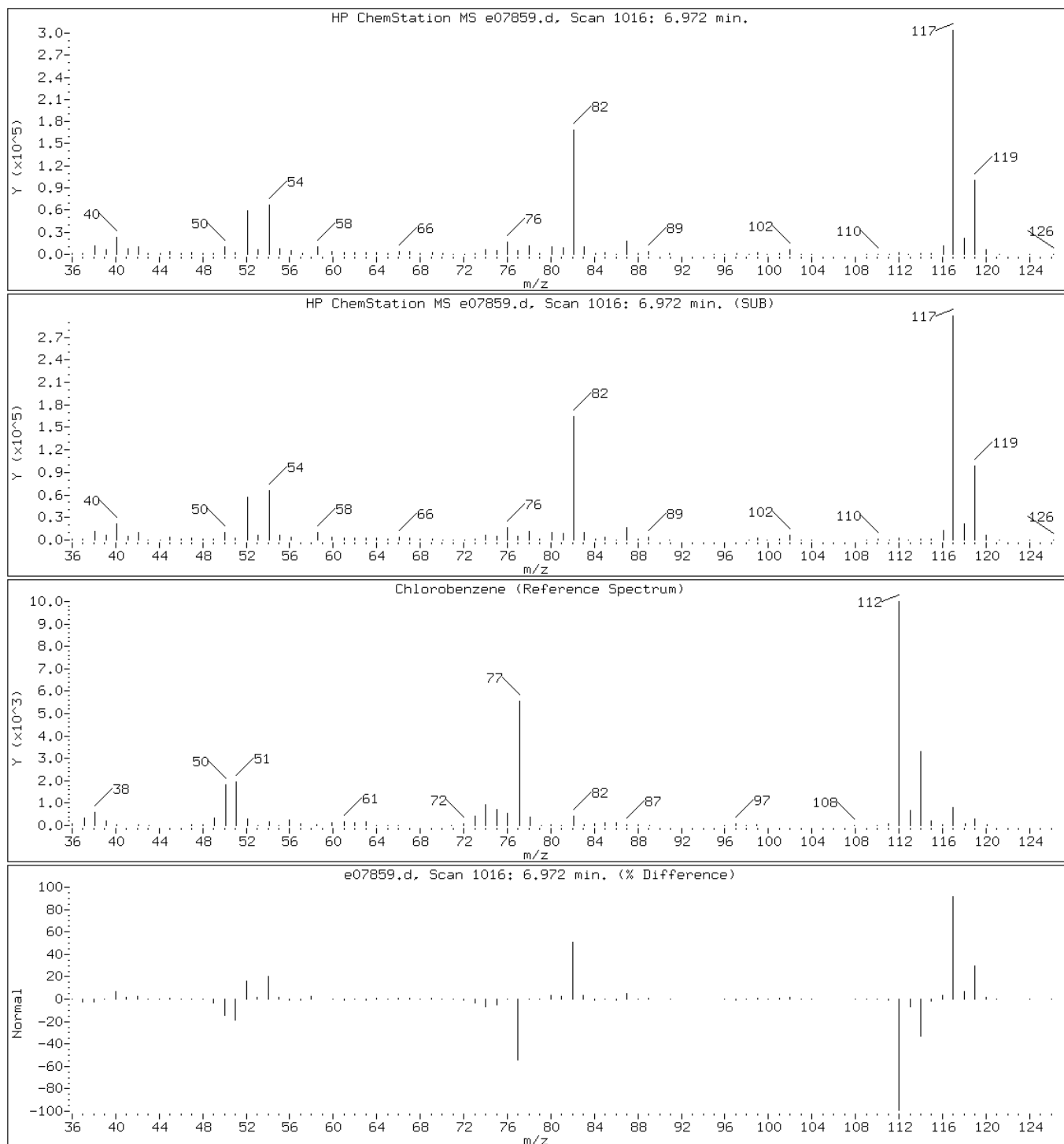
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e07859.d

Date: 17-SEP-2012 14:17

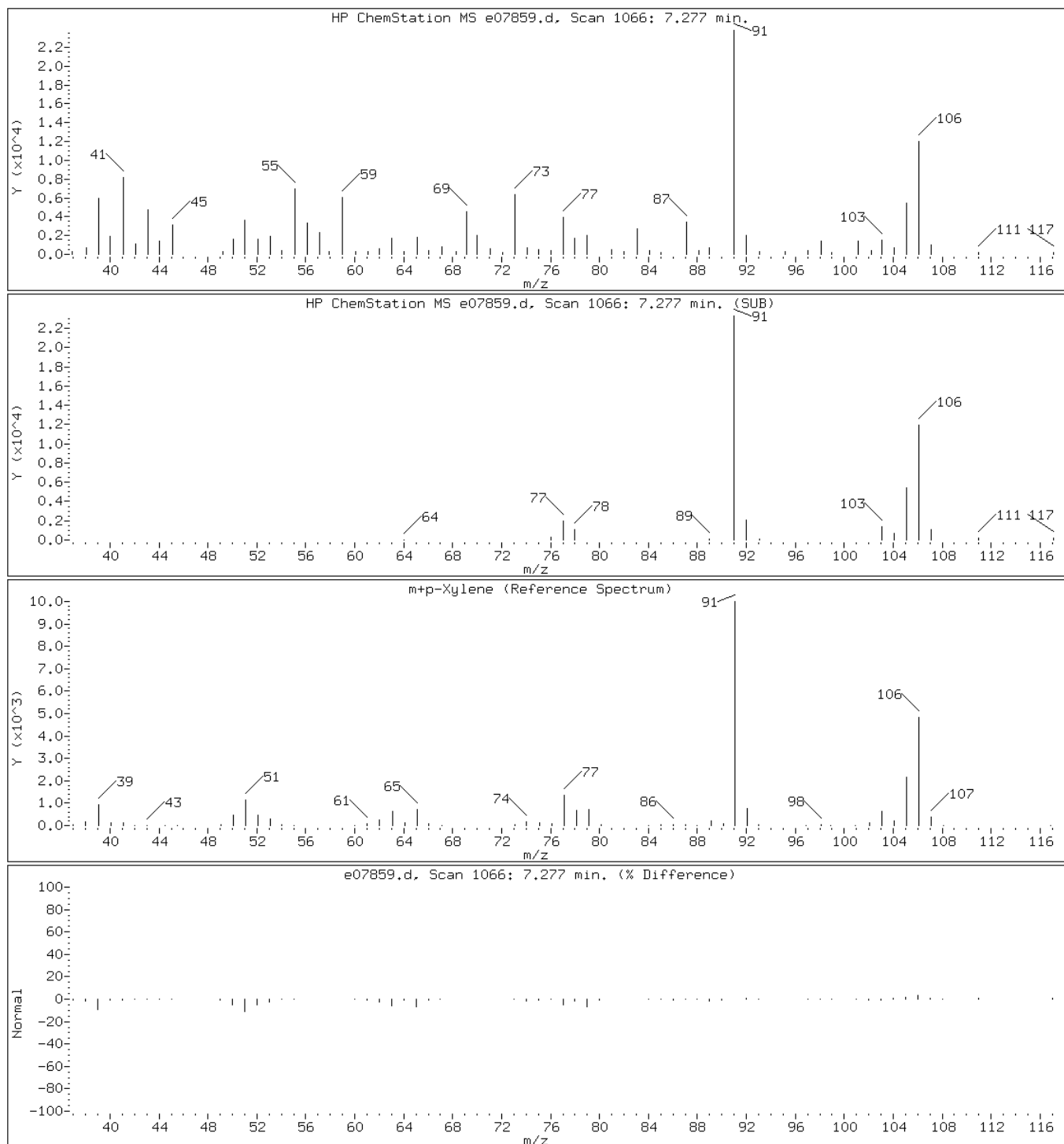
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07859.d

Date: 17-SEP-2012 14:17

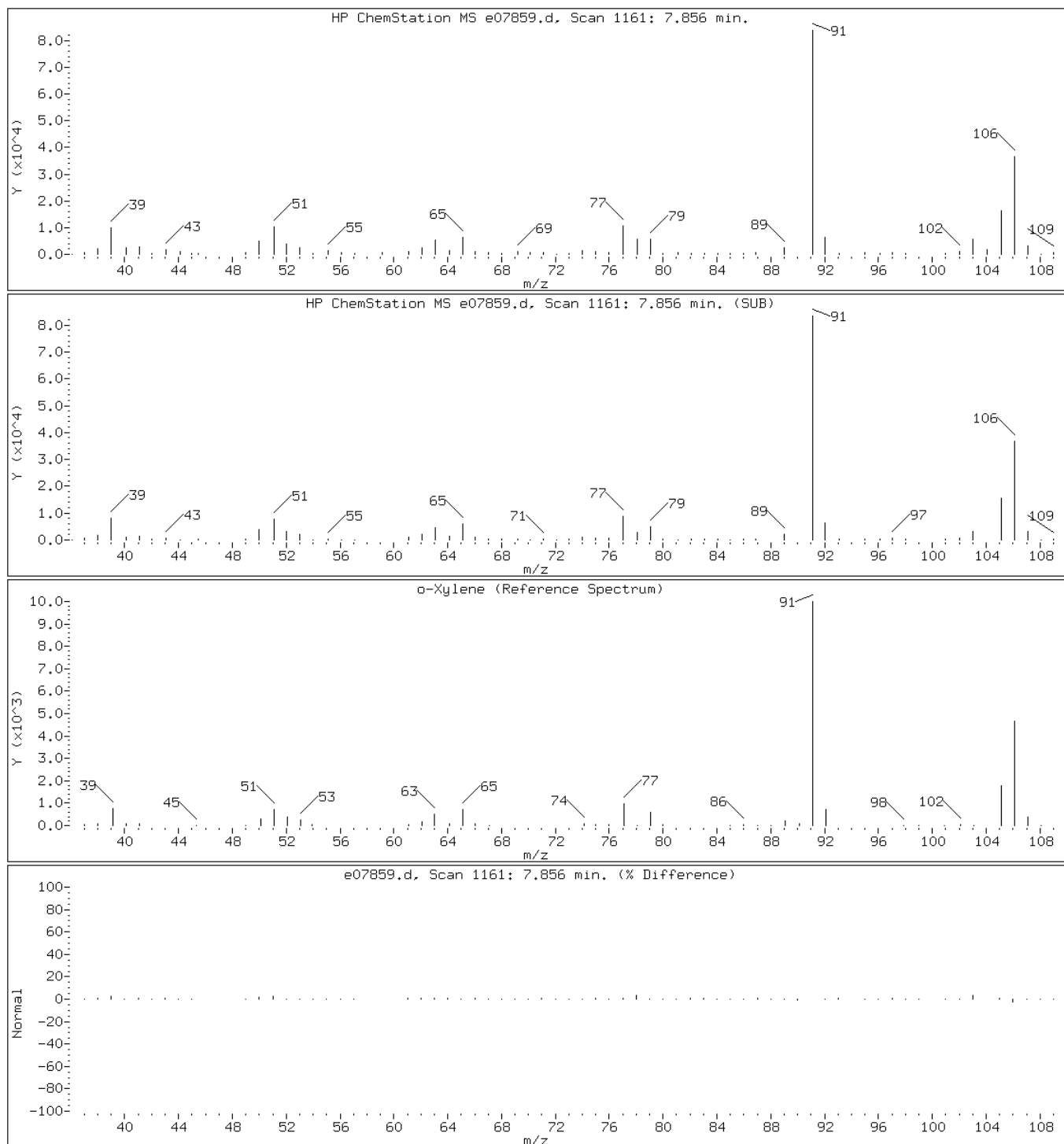
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07859.d

Date: 17-SEP-2012 14:17

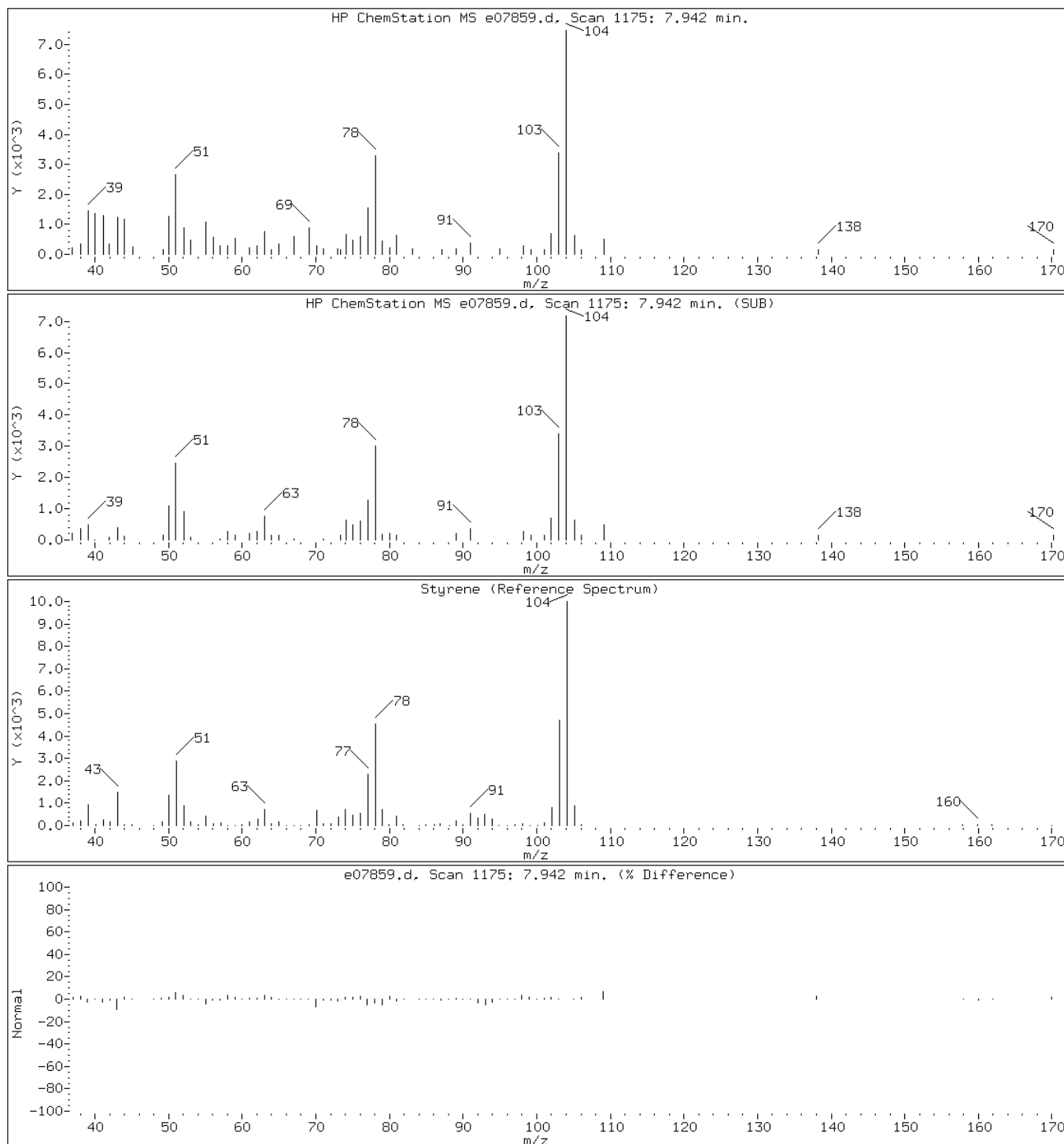
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

85 Styrene



Data File: e07859.d

Date: 17-SEP-2012 14:17

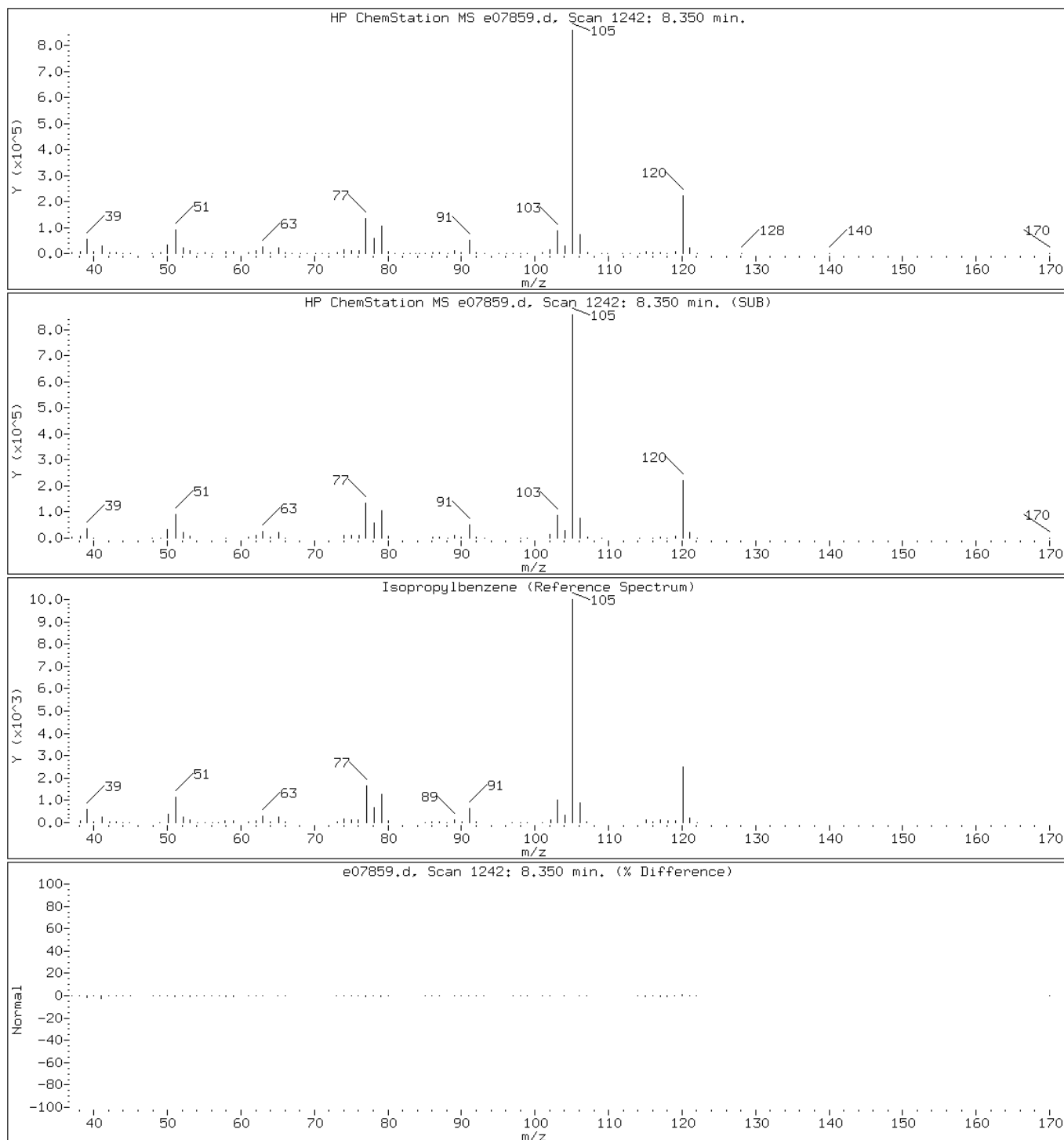
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

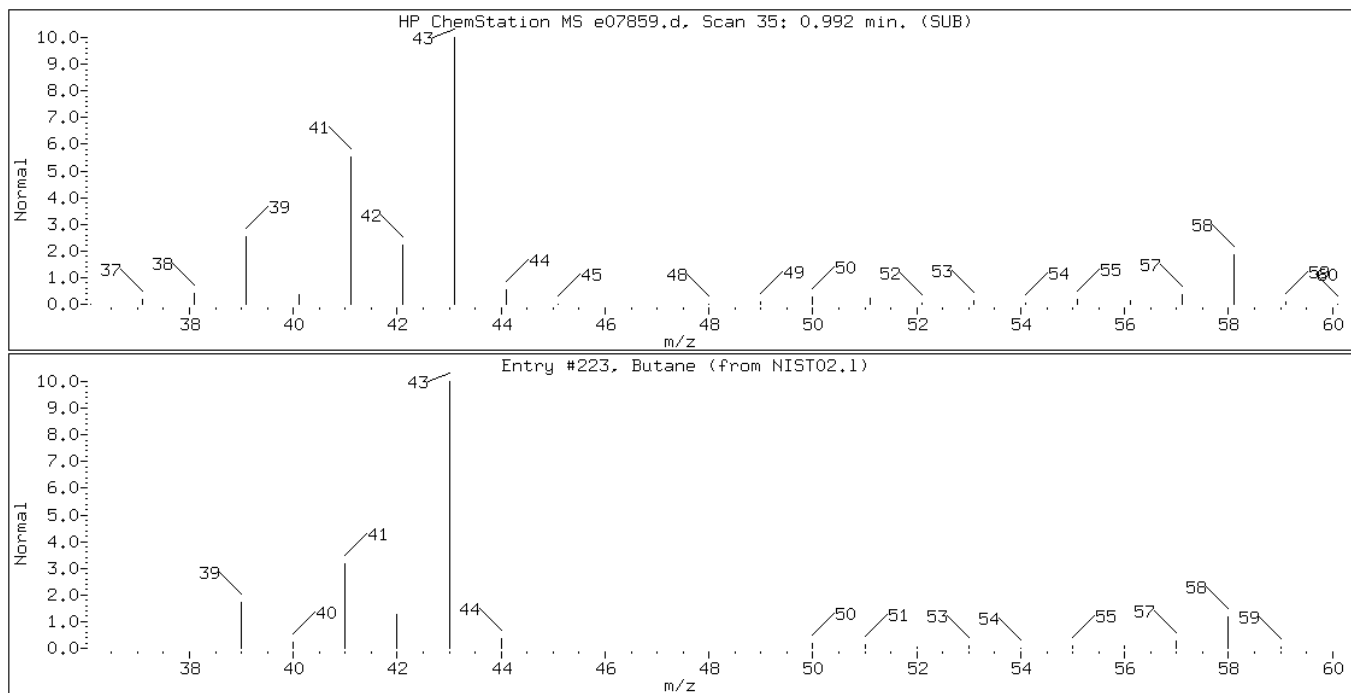
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Butane	106-97-8	NIST02.1	223	47	C4H10	58



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

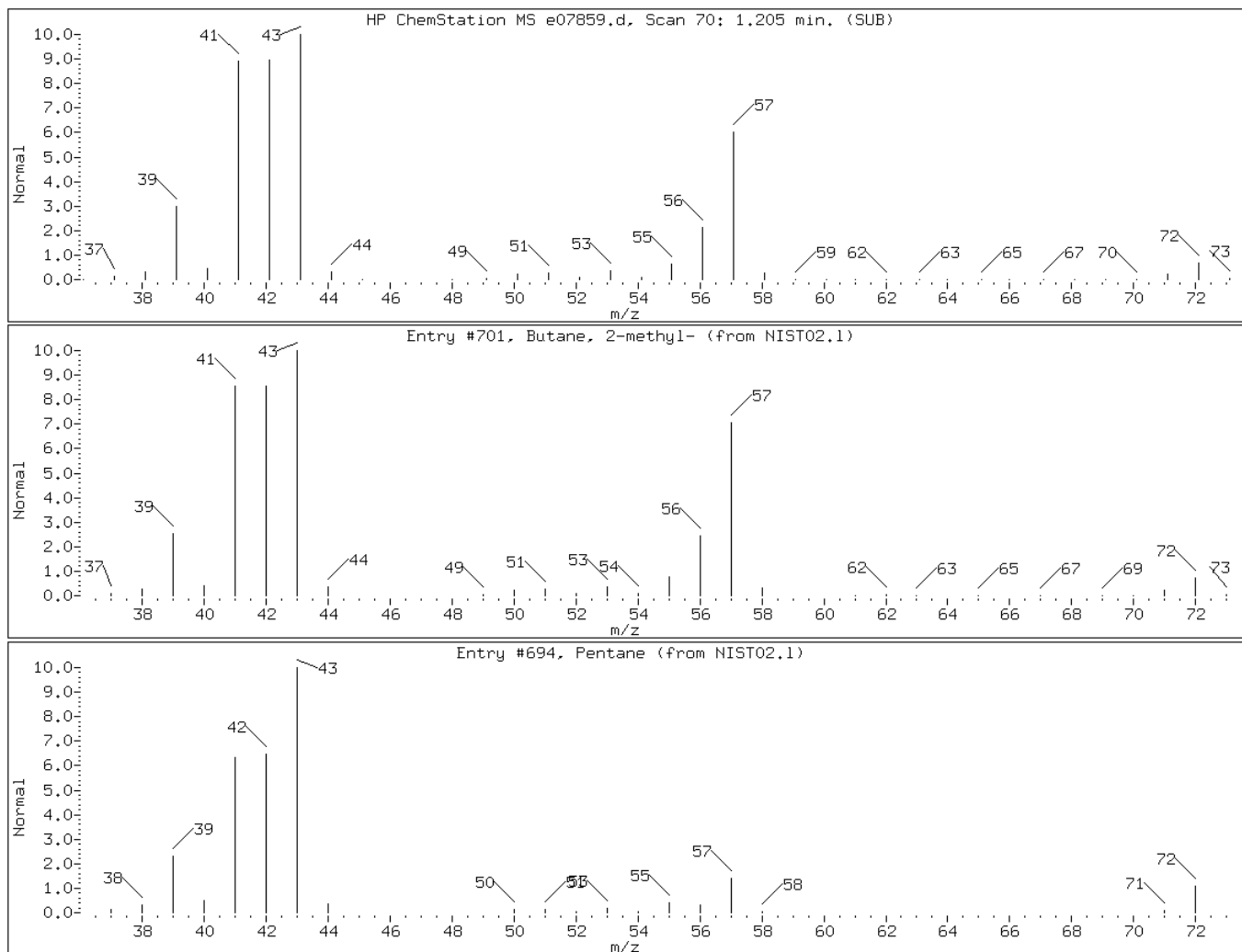
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 1.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	94	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

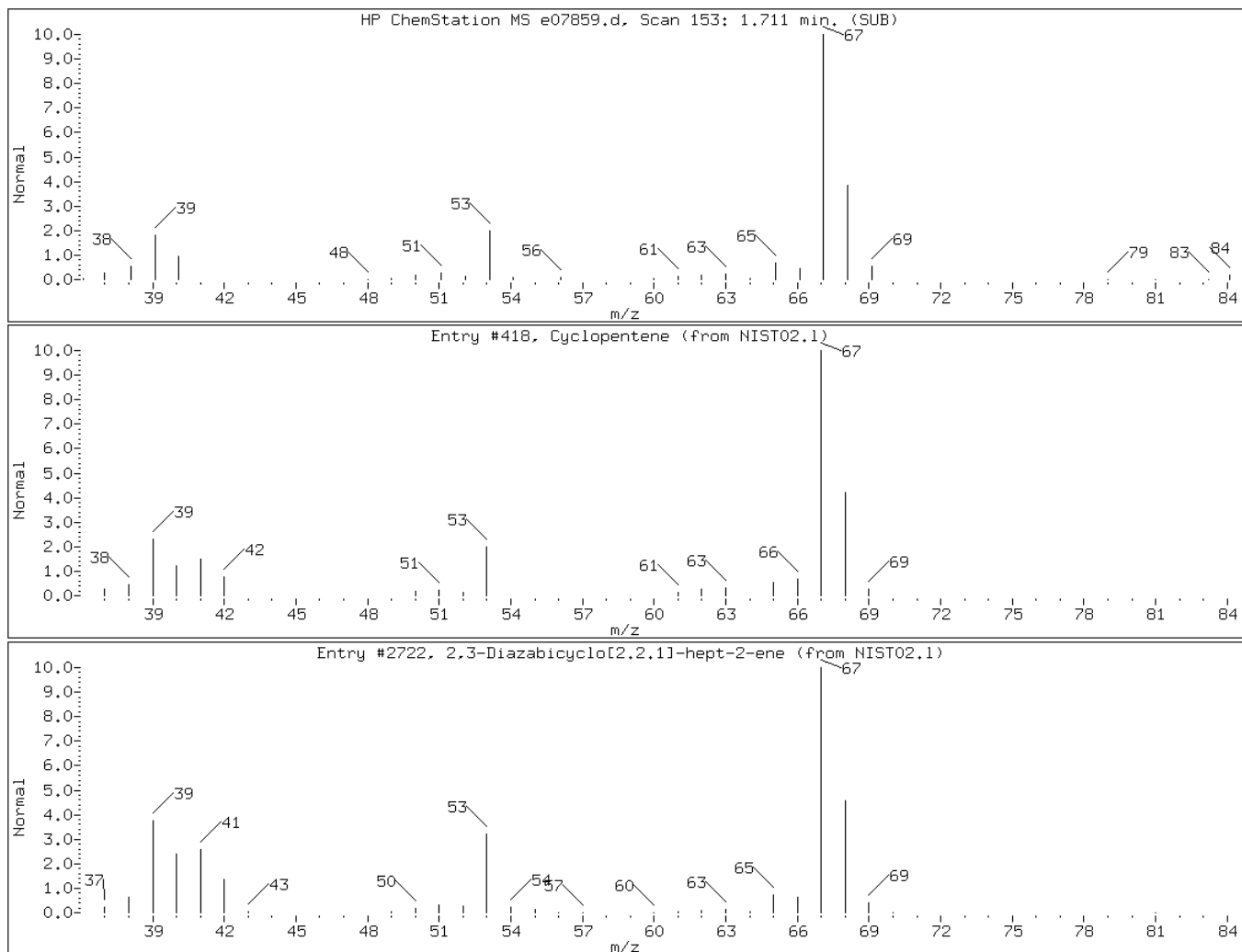
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 1.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H8 Cycloalkene						
Cyclopentene	142-29-0	NIST02.1	418	91	C5H8	68
2,3-Diazabicyclo[2.2.1]-hept-2-ene	2721-32-6	NIST02.1	2722	78	C5H8N2	96



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

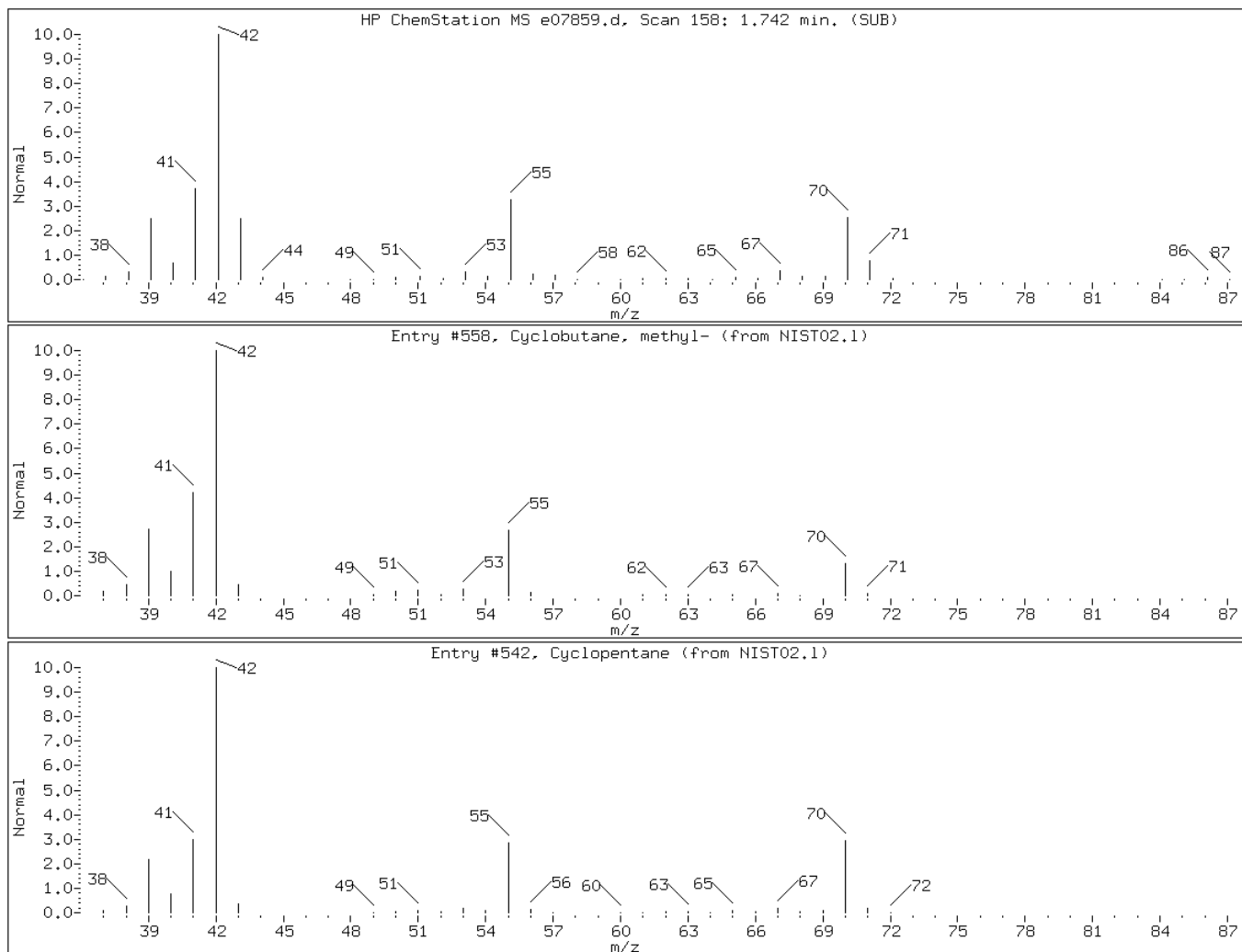
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclobutane, methyl-	598-61-8	NIST02.1	558	80	C5H10	70
Cyclopentane	287-92-3	NIST02.1	542	80	C5H10	70



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

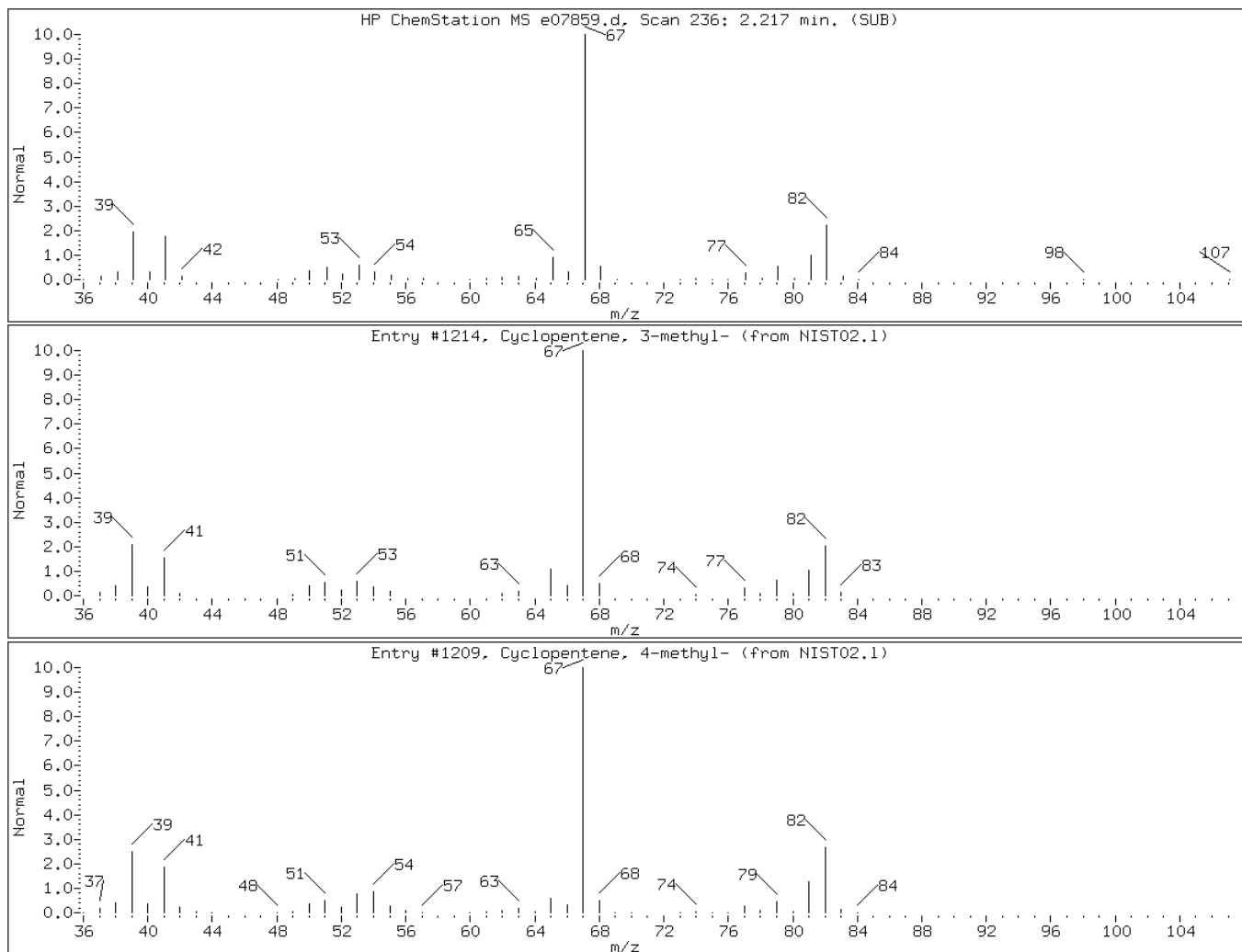
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclopentene, 3-methyl-	1120-62-3	NIST02.1	1214	94	C6H10	82
Cyclopentene, 4-methyl-	1759-81-5	NIST02.1	1209	91	C6H10	82



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

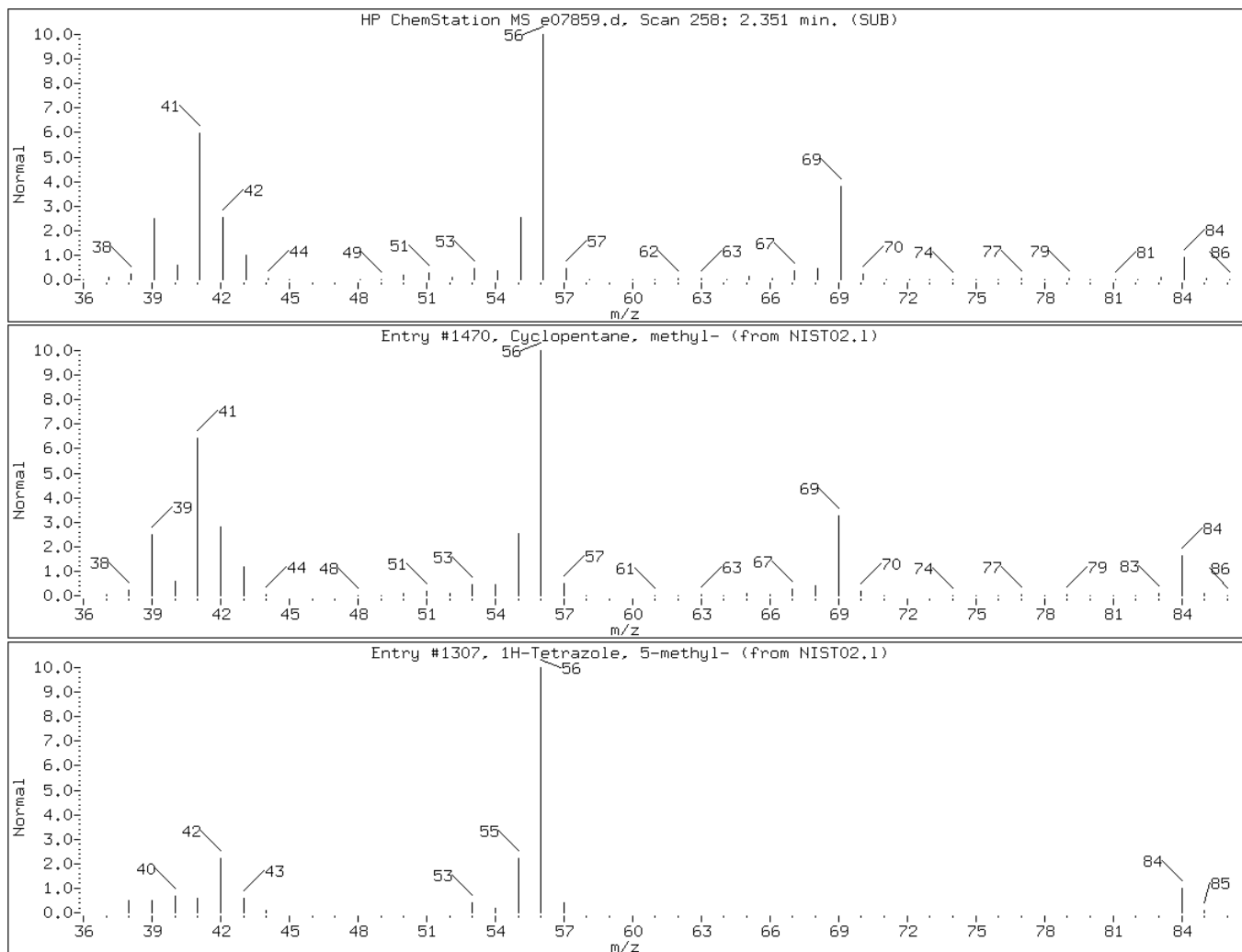
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	86	C2H4N4	84



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

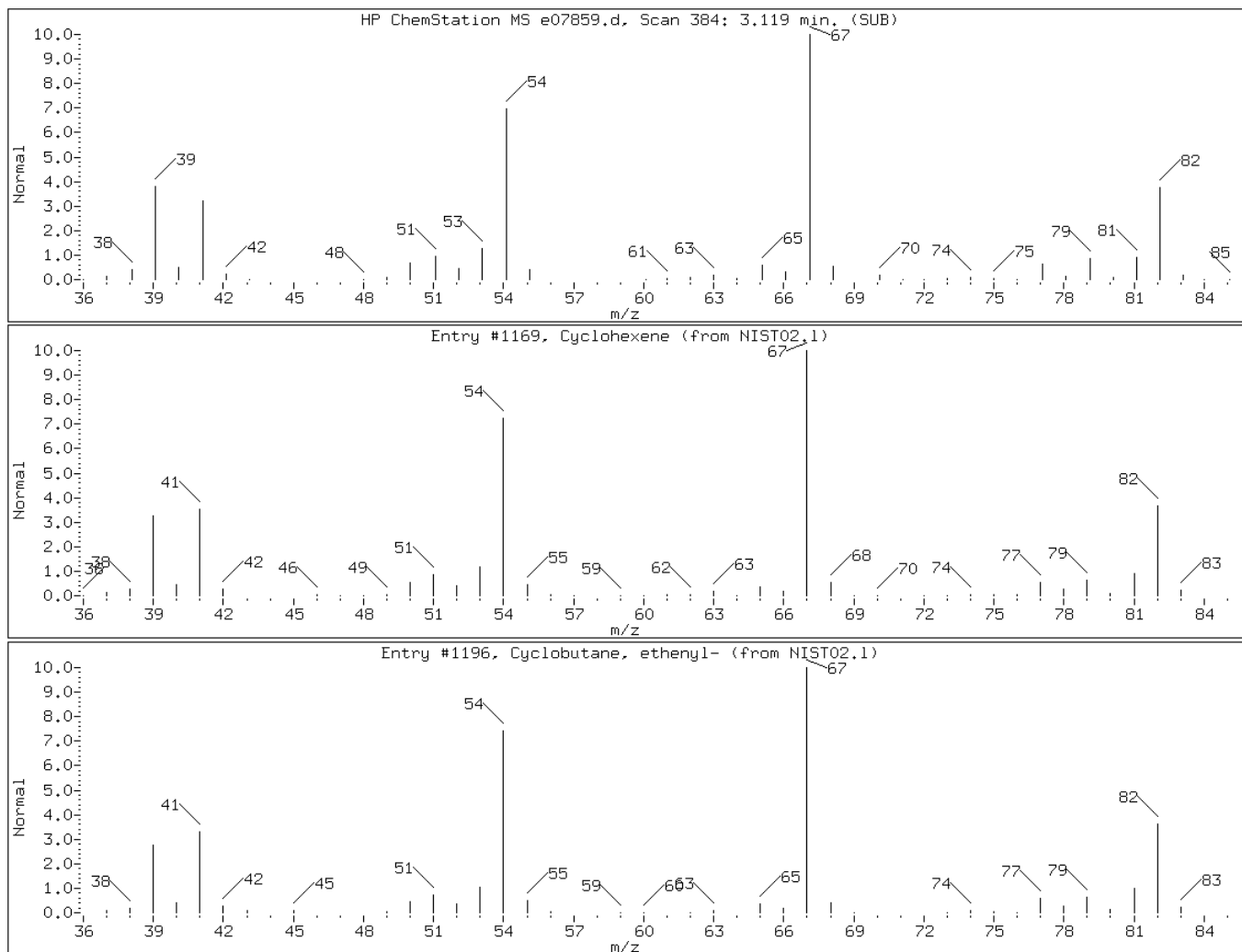
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene-1						
Cyclohexene	110-83-8	NIST02.1	1169	94	C6H10	82
Cyclobutane, ethenyl-	2597-49-1	NIST02.1	1196	91	C6H10	82



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

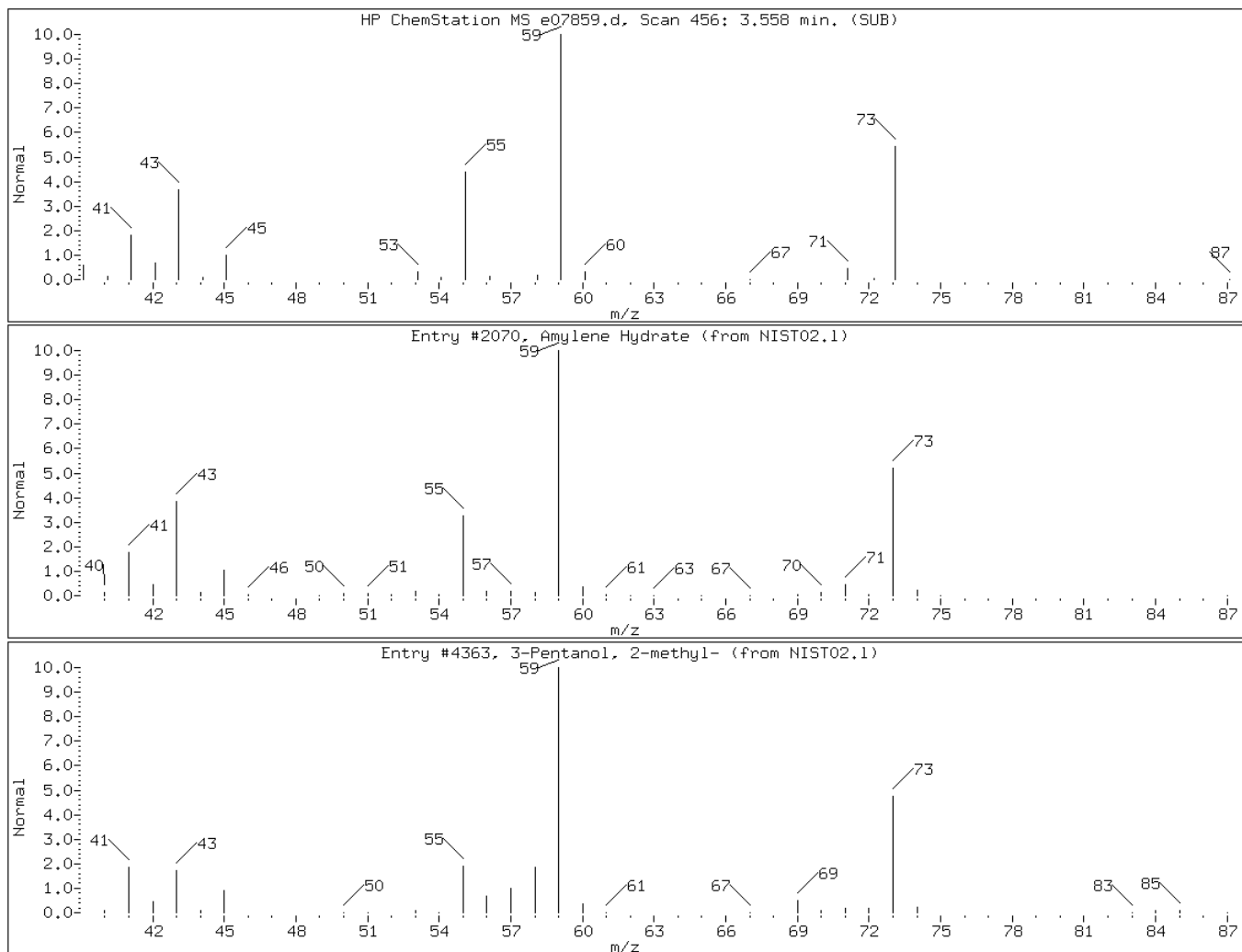
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Amylene Hydrate	75-85-4	NIST02.1	2070	83	C5H12O	88
3-Pentanol, 2-methyl-	565-67-3	NIST02.1	4363	40	C6H14O	102



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

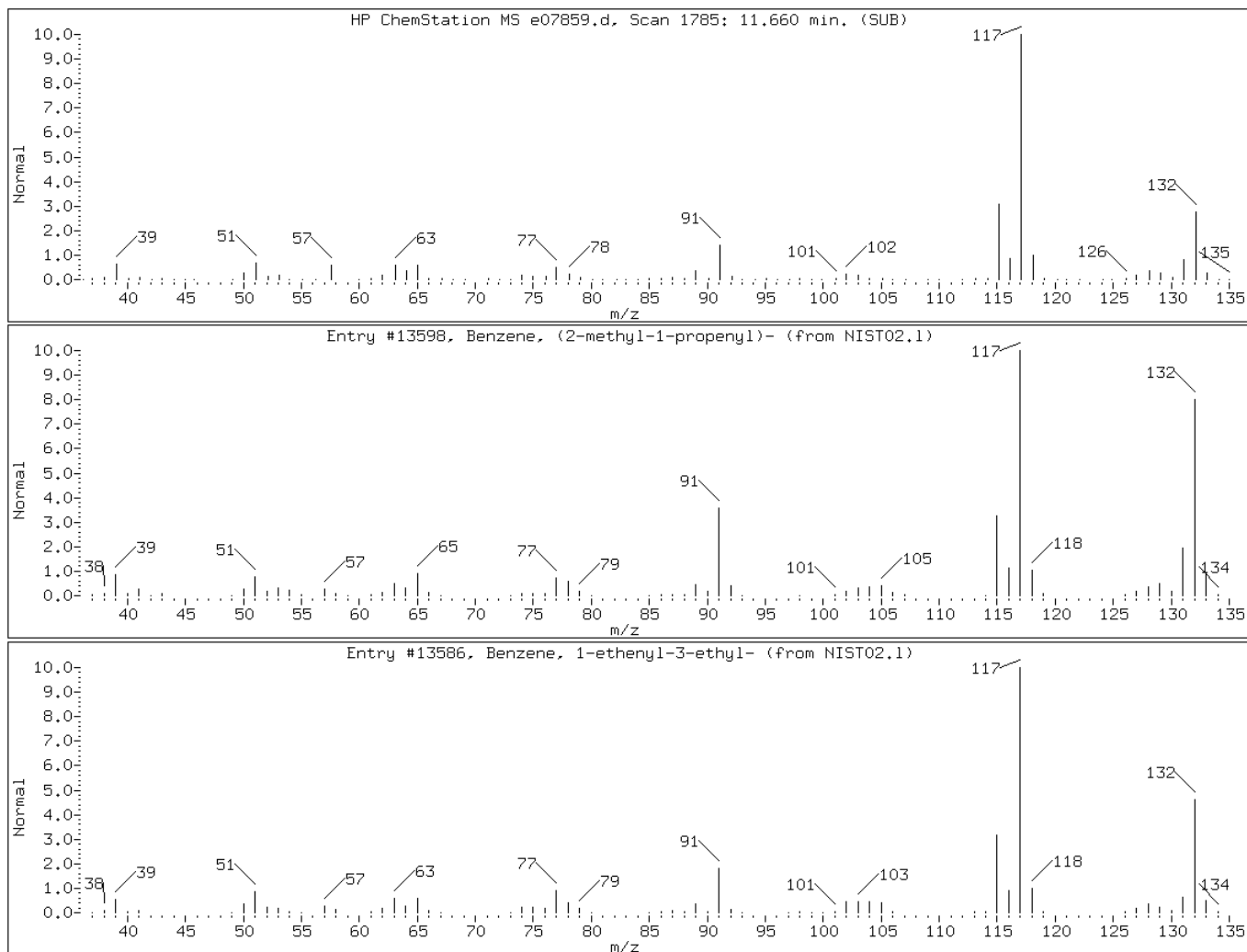
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 11.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.1	13598	90	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	90	C10H12	132



Data File: e07859.d

Date: 17-SEP-2012 14:17

Client ID: WG-17338-091112-VAS

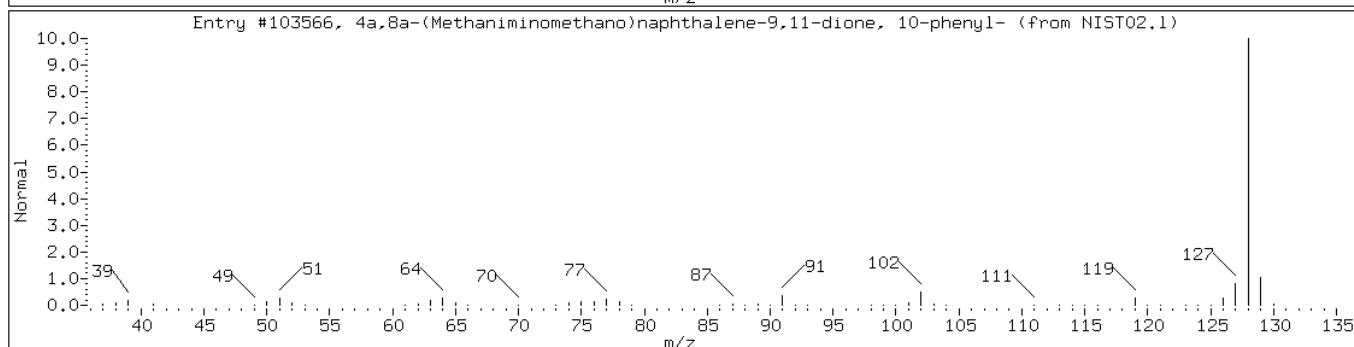
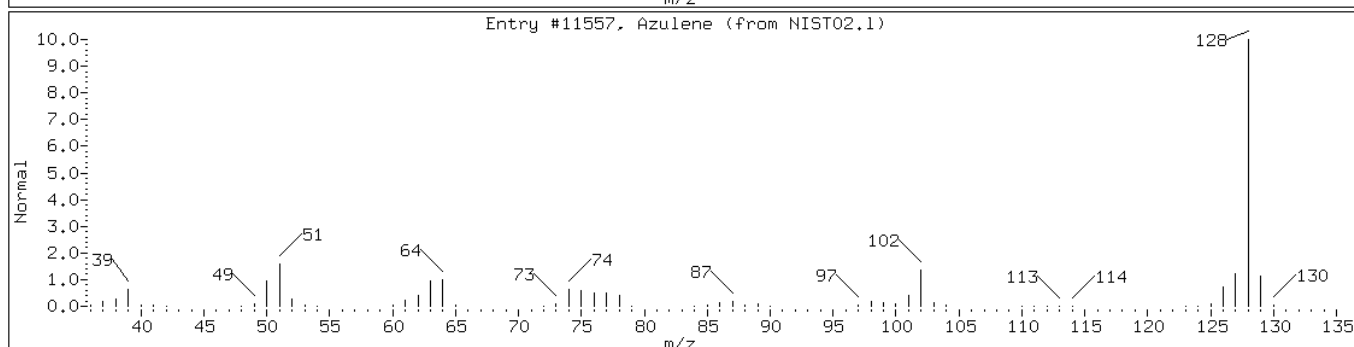
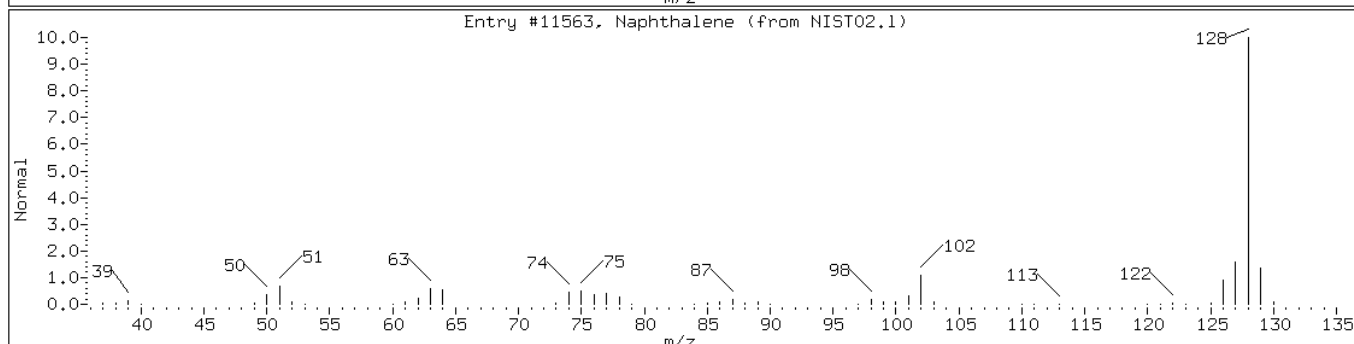
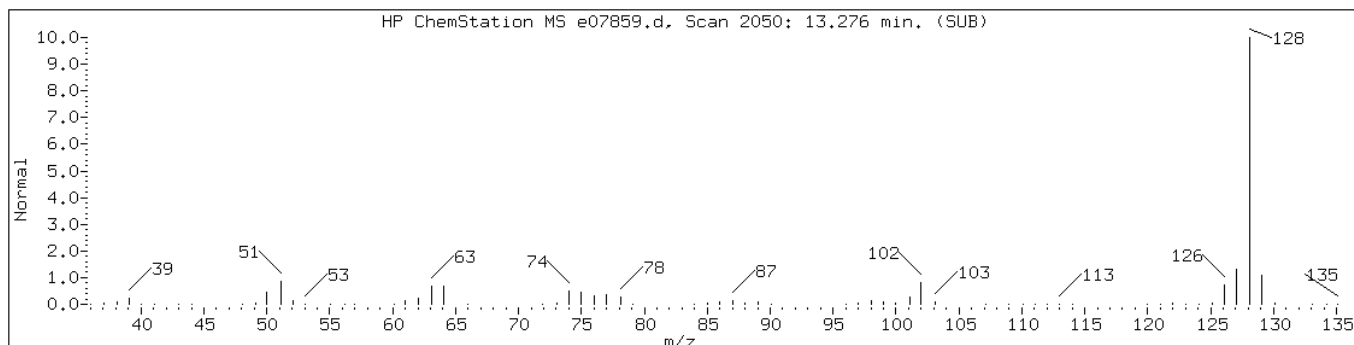
Instrument: VOAMS5.i

Sample Info: 460-44505-A-4

Operator: GC/MS VOAMS5

Retention Time: 13.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11557	93	C10H8	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	64	C18H13N02	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: WG-17338-091112-DUP-MM-24 Lab Sample ID: 460-44505-5

Matrix: Water Lab File ID: e07860.d

Analysis Method: 8260B Date Collected: 09/11/2012 12:30

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:41

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.99	J	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.31	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	4.6		1.0	0.10
110-82-7	Cyclohexane	160		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	350		1.0	0.080
107-06-2	1,2-Dichloroethane	2.9		1.0	0.19
79-01-6	Trichloroethene	0.29	J	1.0	0.090
108-87-2	Methylcyclohexane	52		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	24		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-DUP-MM-24 Lab Sample ID: 460-44505-5
 Matrix: Water Lab File ID: e07860.d
 Analysis Method: 8260B Date Collected: 09/11/2012 12:30
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.40	J	1.0	0.10
591-78-6	2-Hexanone	15		5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.13	J	1.0	0.11
1330-20-7	Xylenes, Total	4.2		3.0	0.36
100-42-5	Styrene	0.39	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	30		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-DUP-MM-24 Lab Sample ID: 460-44505-5
Matrix: Water Lab File ID: e07860.d
Analysis Method: 8260B Date Collected: 09/11/2012 12:30
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 14:41
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 10 TIC Result Total: 1354

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.99	300	J
	C5H12 Alkane	1.20	300	J
	C5H8 Cycloalkene	1.71	92	J
	C5H10 Cycloalkane	1.74	210	J
	C6H10 Cycloalkene	2.22	54	J
	C6H12 Cycloalkane	2.35	170	J
	C6H10 Cycloalkene-1	3.12	70	J
	Unknown	3.56	60	J
	Unknown Alcohol	5.20	52	J
91-20-3	Naphthalene	13.28	46	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07860.d
 Report Date: 17-Sep-2012 16:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07860.d
 Lab Smp Id: 460-44505-A-5 Client Smp ID: WG-17338-091112-DUP
 Inj Date : 17-SEP-2012 14:41
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-5
 Misc Info : 460-44505-A-5
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 26
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
28 MTBE		73	2.010	2.022 (0.559)		10416	0.31193	0.31(a)
44 Cyclohexane		56	2.784	2.790 (0.774)		3094477	159.197	160
48 Benzene		78	3.260	3.260 (0.469)		16856154	351.235	350
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.369 (0.936)		680382	54.8354	55
49 1,2-Dichloroethane		62	3.418	3.424 (0.951)		45463	2.86279	2.9
* 52 Fluorobenzene		96	3.595	3.601 (1.000)		2411490	50.0000	
54 Trichloroethene		95	3.741	3.753 (1.041)		3385	0.29074	0.29(a)
56 Methyl cyclohexane		83	3.729	3.741 (1.037)		830890	52.4158	52
\$ 65 Toluene-d8 (SUR)		98	5.107	5.113 (0.734)		2229156	49.9054	50
66 Toluene		91	5.162	5.168 (0.742)		1309571	24.1135	24
71 Tetrachloroethene		166	5.582	5.594 (0.803)		5100	0.39723	0.40(a)
73 2-Hexanone		43	6.473	6.698 (0.931)		150671	14.8055	15
* 78 Chlorobenzene-d5		117	6.954	6.972 (1.000)		1905566	50.0000	
79 Chlorobenzene		112	6.972	6.997 (1.003)		4779	0.13495	0.13(a)
81 Ethylbenzene		106	7.064	7.094 (1.016)		86219	4.56774	4.6
82 m+p-Xylene		106	7.277	7.308 (1.046)		24128	1.00532	1.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07860.d
 Report Date: 17-Sep-2012 16:37

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
84 o-Xylene	106	7.863	7.887	(1.131)	74756	3.19382	3.2	
85 Styrene	104	7.942	7.966	(1.142)	15646	0.39005	0.39(a)	
88 Isopropylbenzene	105	8.350	8.368	(1.201)	1760039	29.5923	30	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	847685	49.7501	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1053642	50.0000		
111 1,2-Dichlorobenzene	146	11.148	11.185	(1.065)	26295	0.99023	0.99(a)	
M 121 Xylene (Total)	100				98884	4.19914	4.2	

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e07860.d

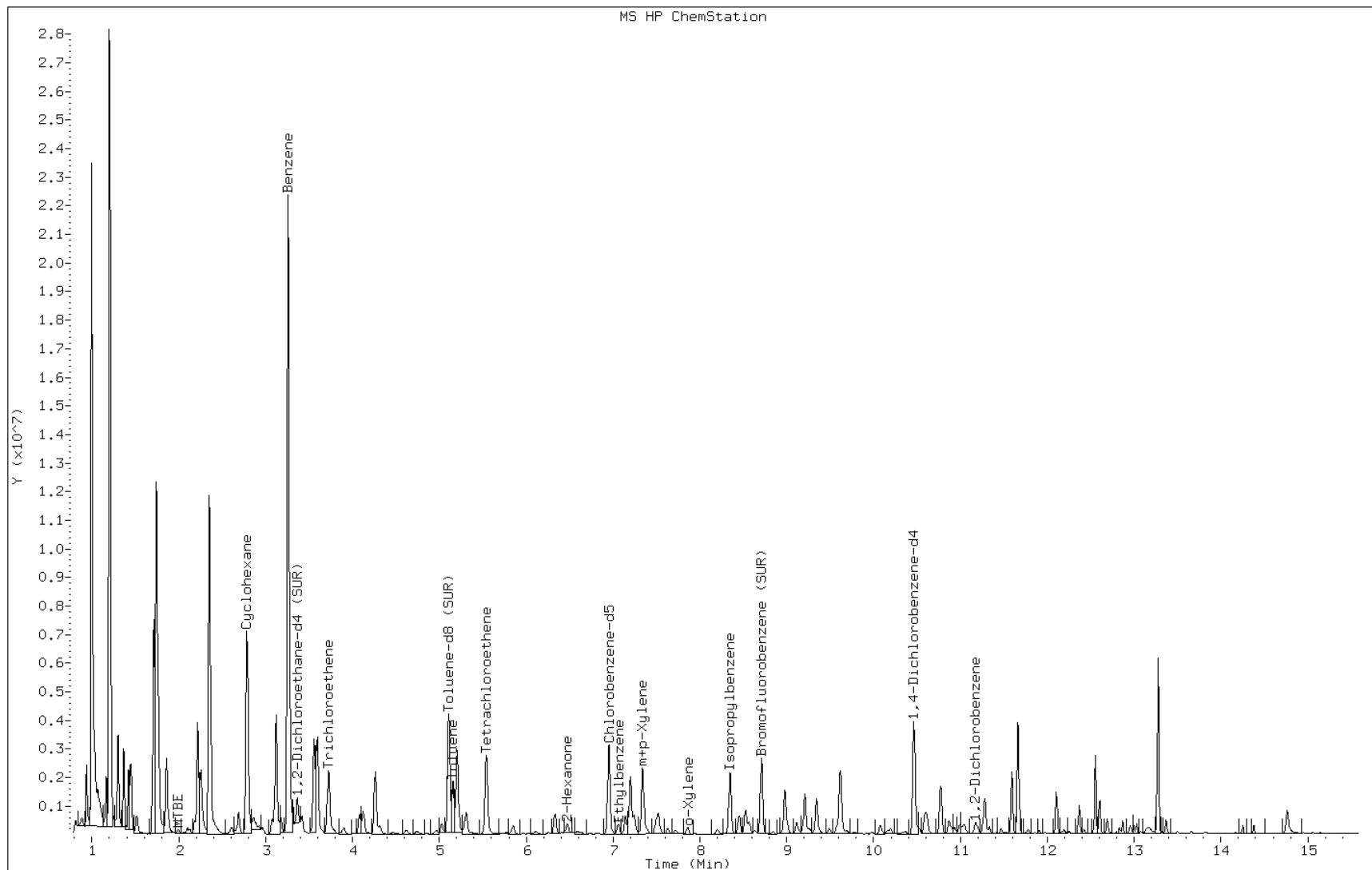
Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5



Data File: e07860.d

Date: 17-SEP-2012 14:41

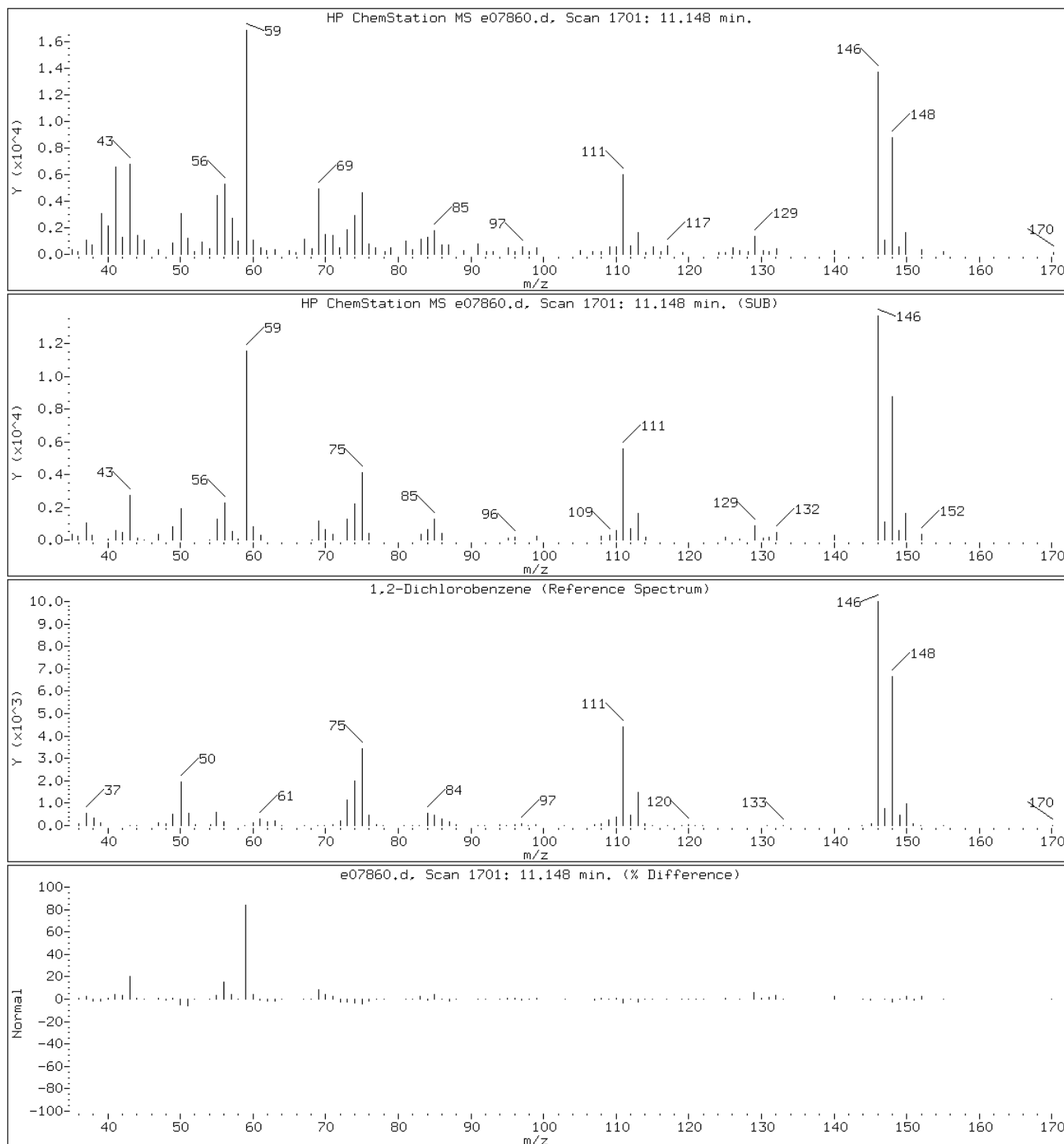
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e07860.d

Date: 17-SEP-2012 14:41

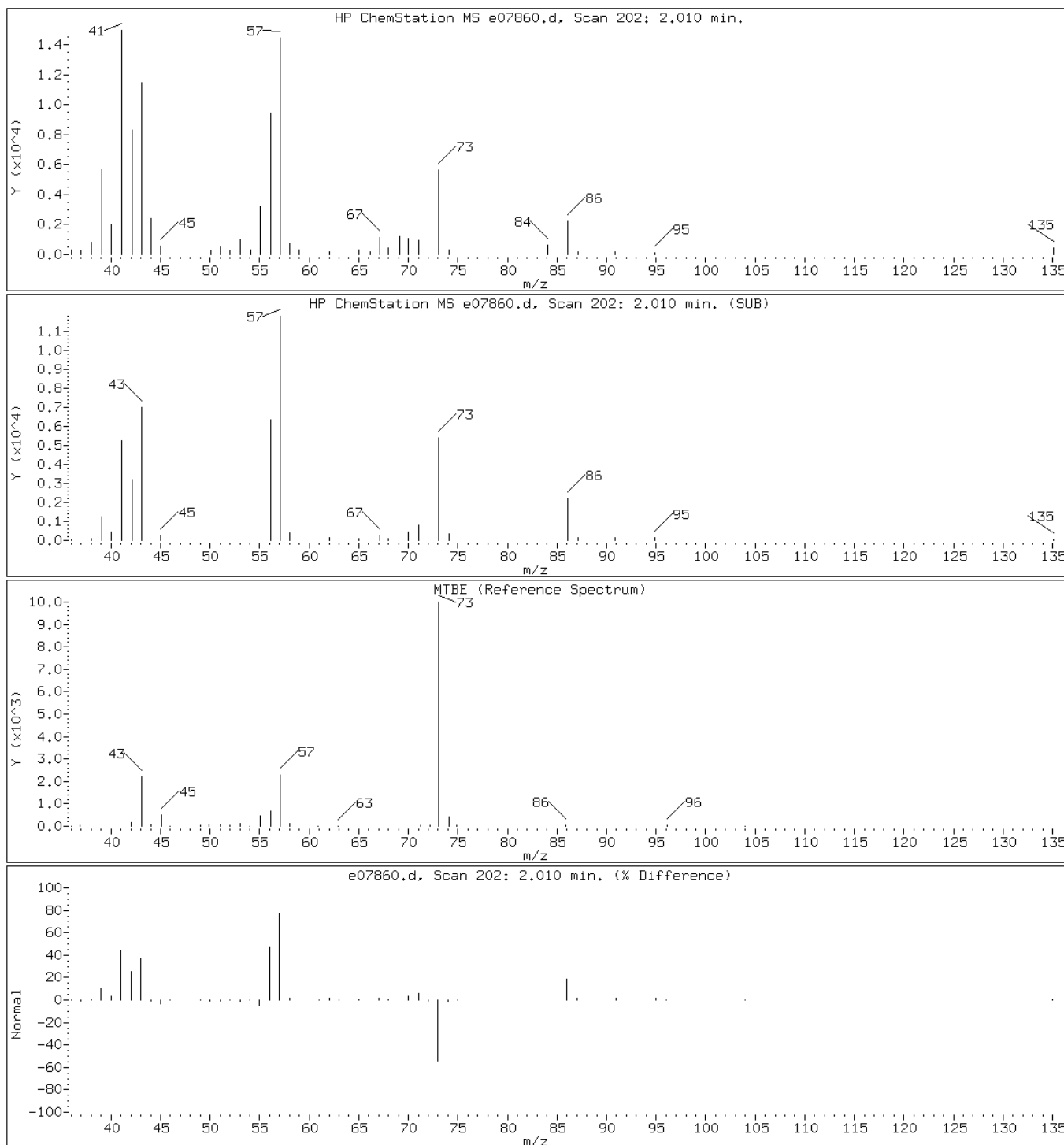
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07860.d

Date: 17-SEP-2012 14:41

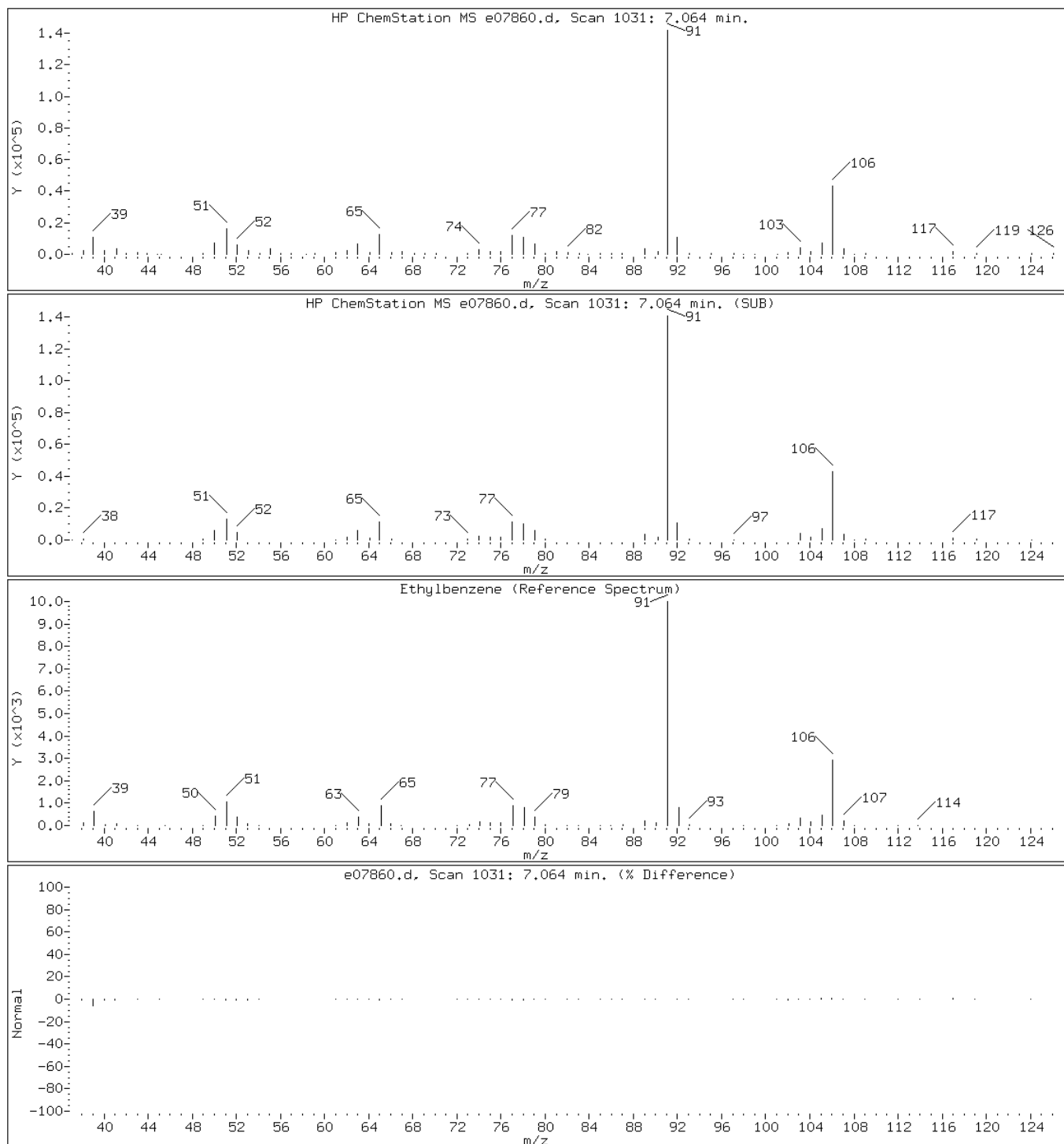
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07860.d

Date: 17-SEP-2012 14:41

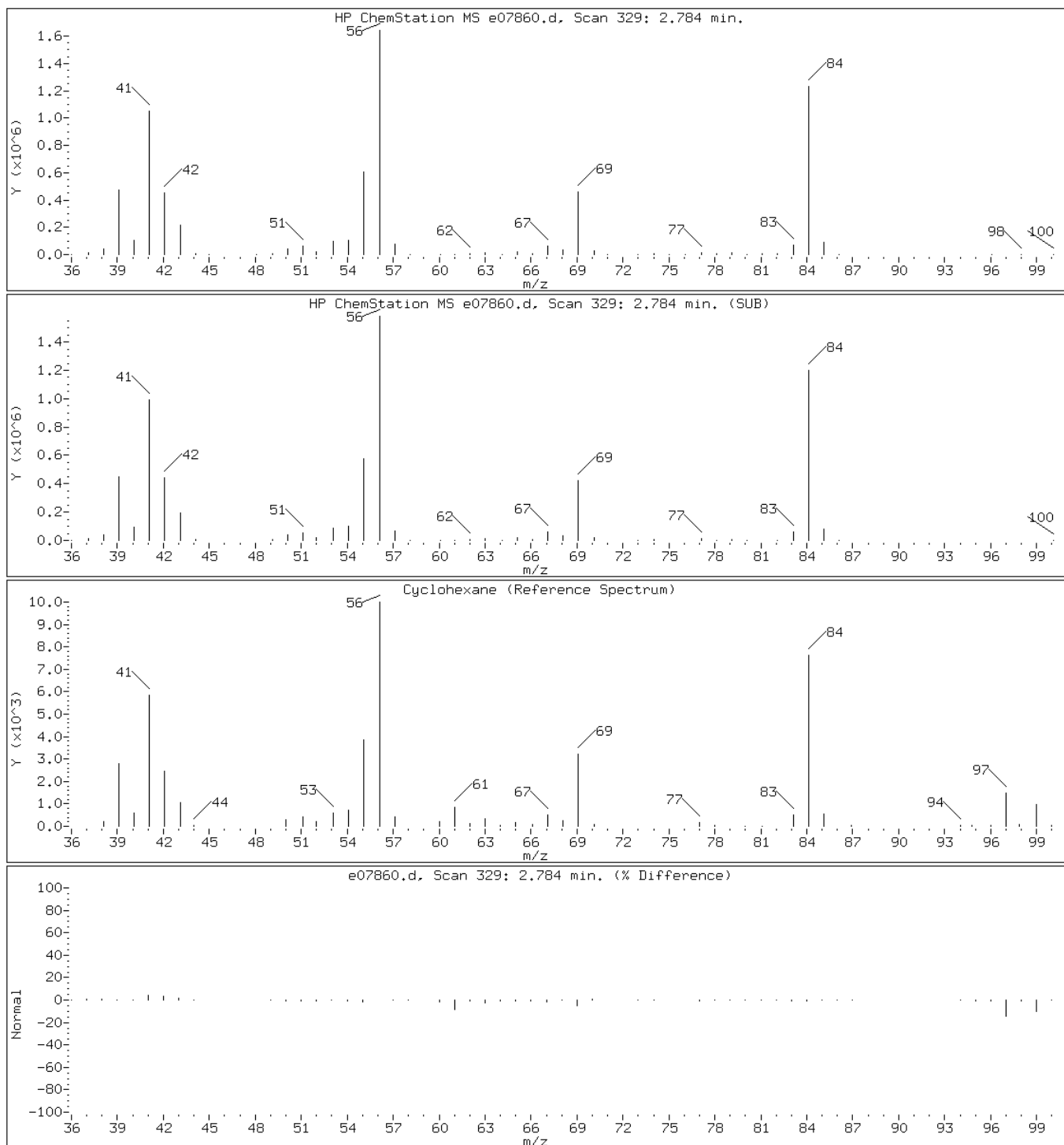
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07860.d

Date: 17-SEP-2012 14:41

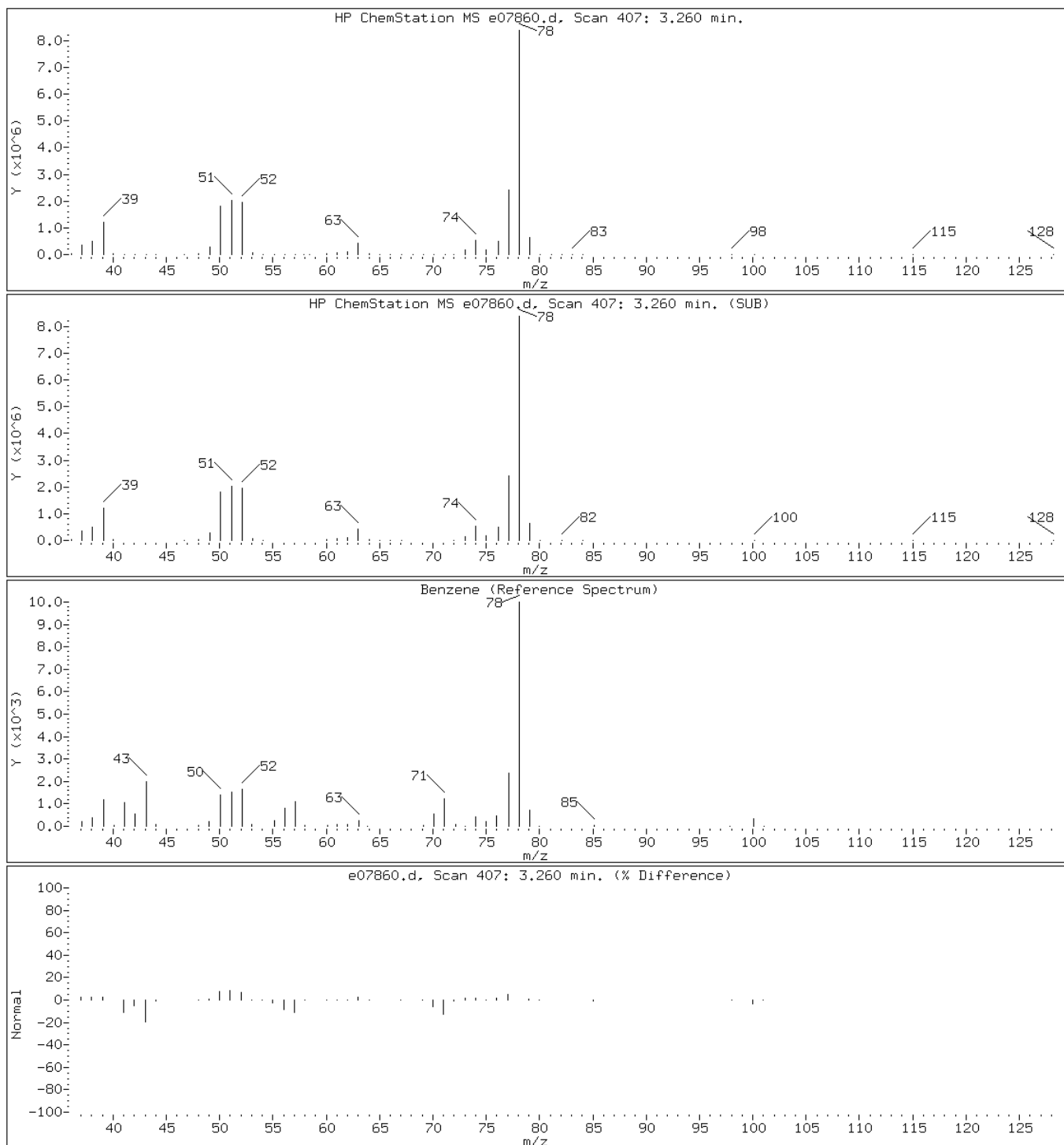
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07860.d

Date: 17-SEP-2012 14:41

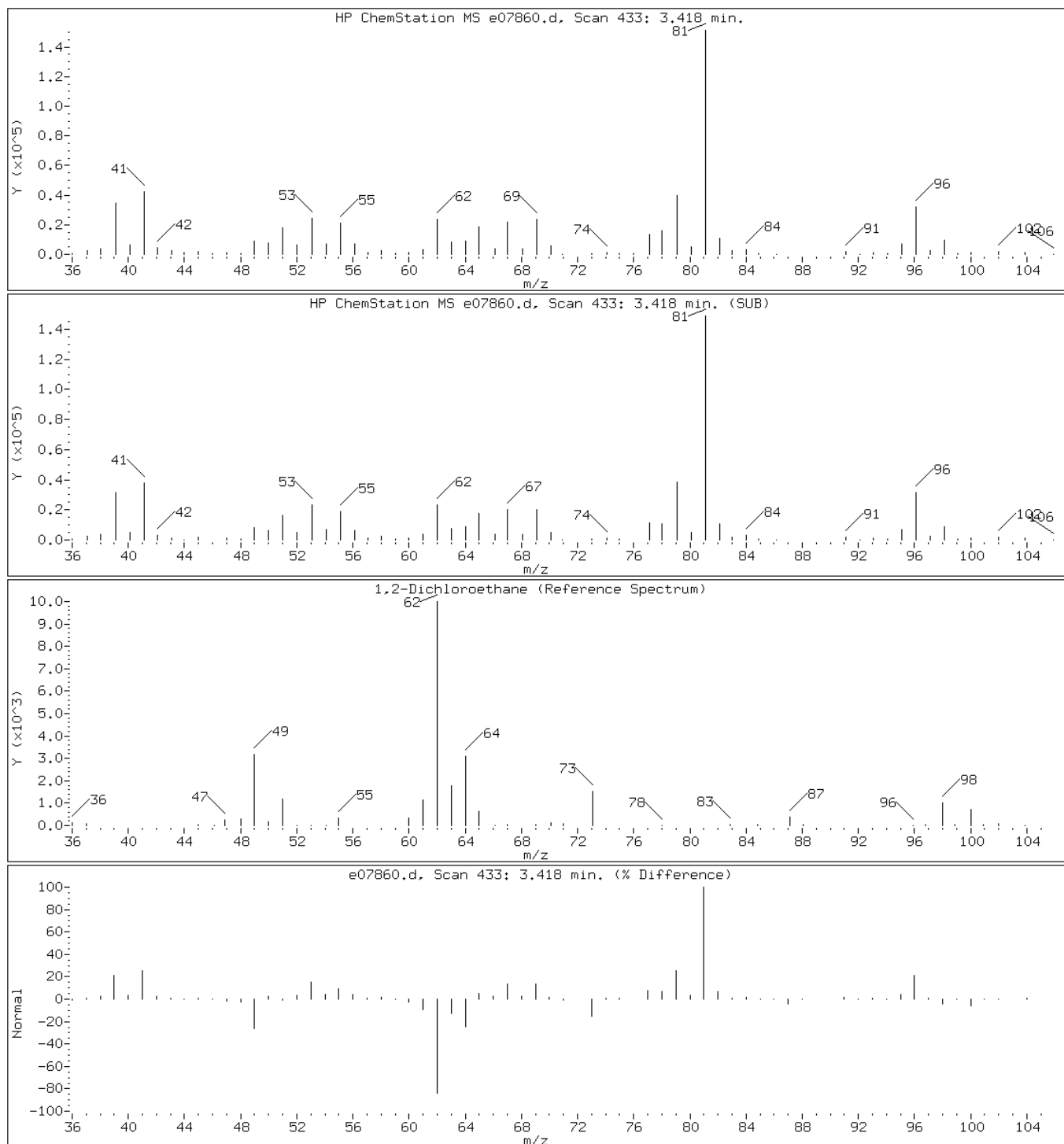
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07860.d

Date: 17-SEP-2012 14:41

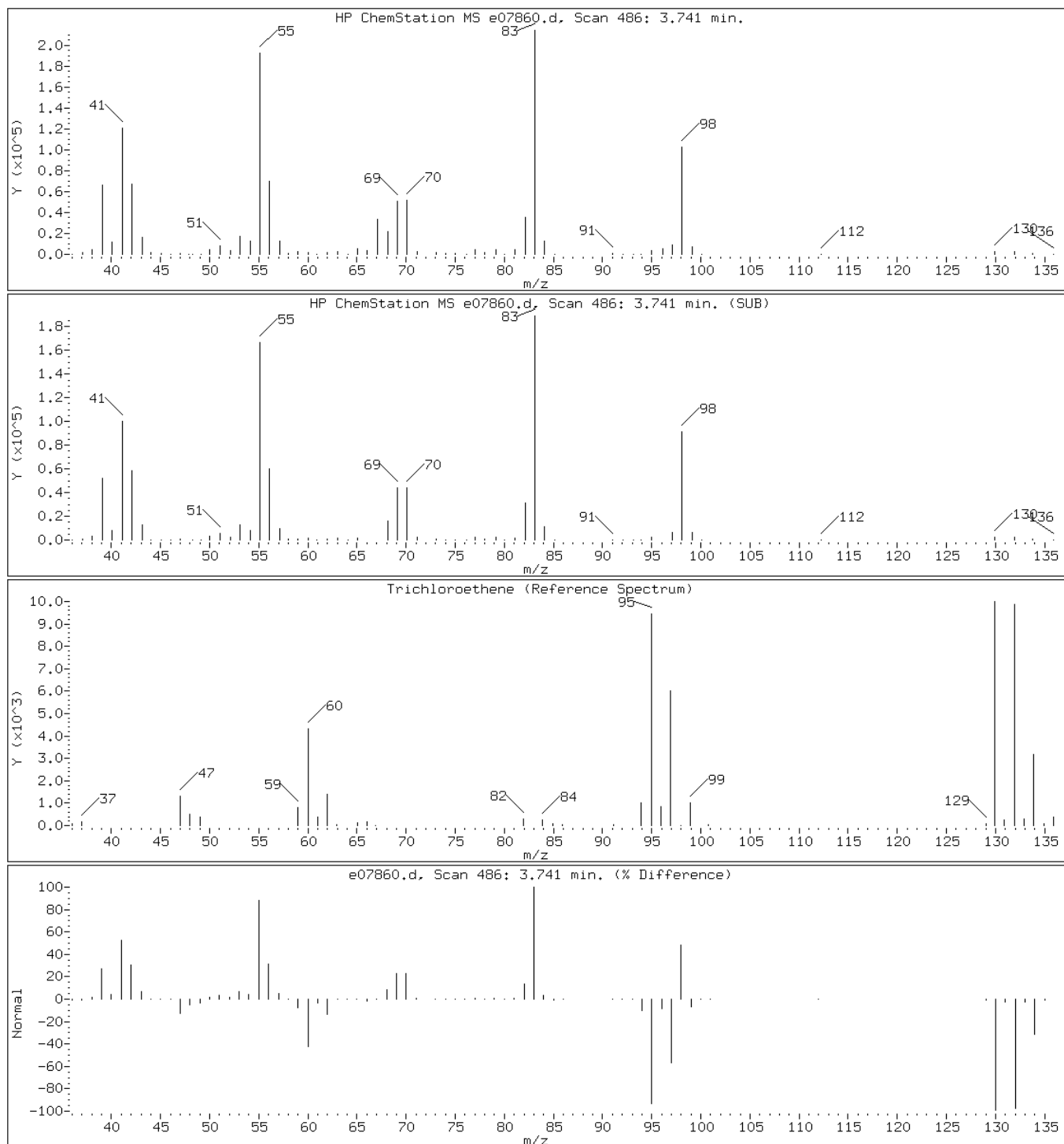
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07860.d

Date: 17-SEP-2012 14:41

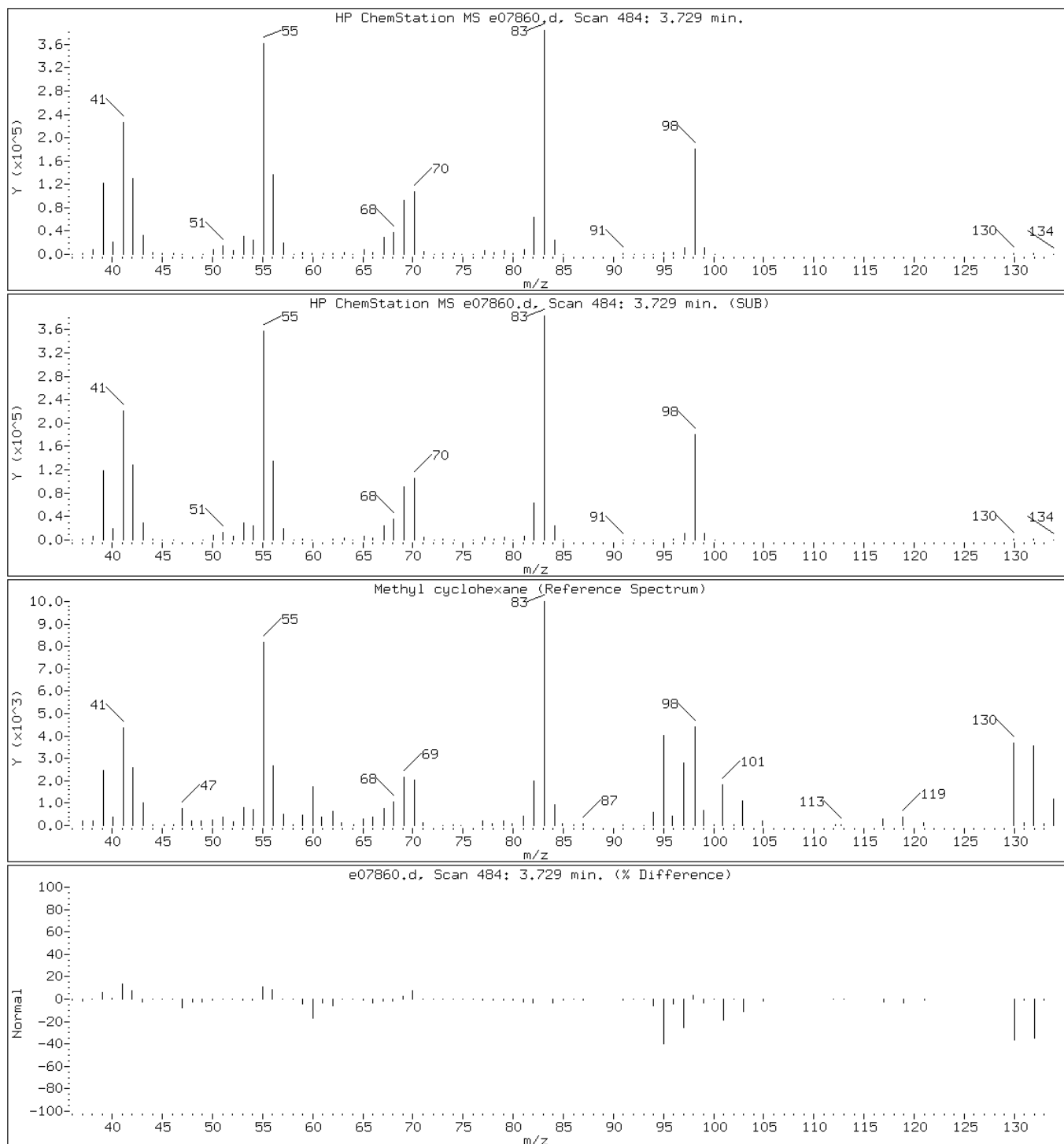
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07860.d

Date: 17-SEP-2012 14:41

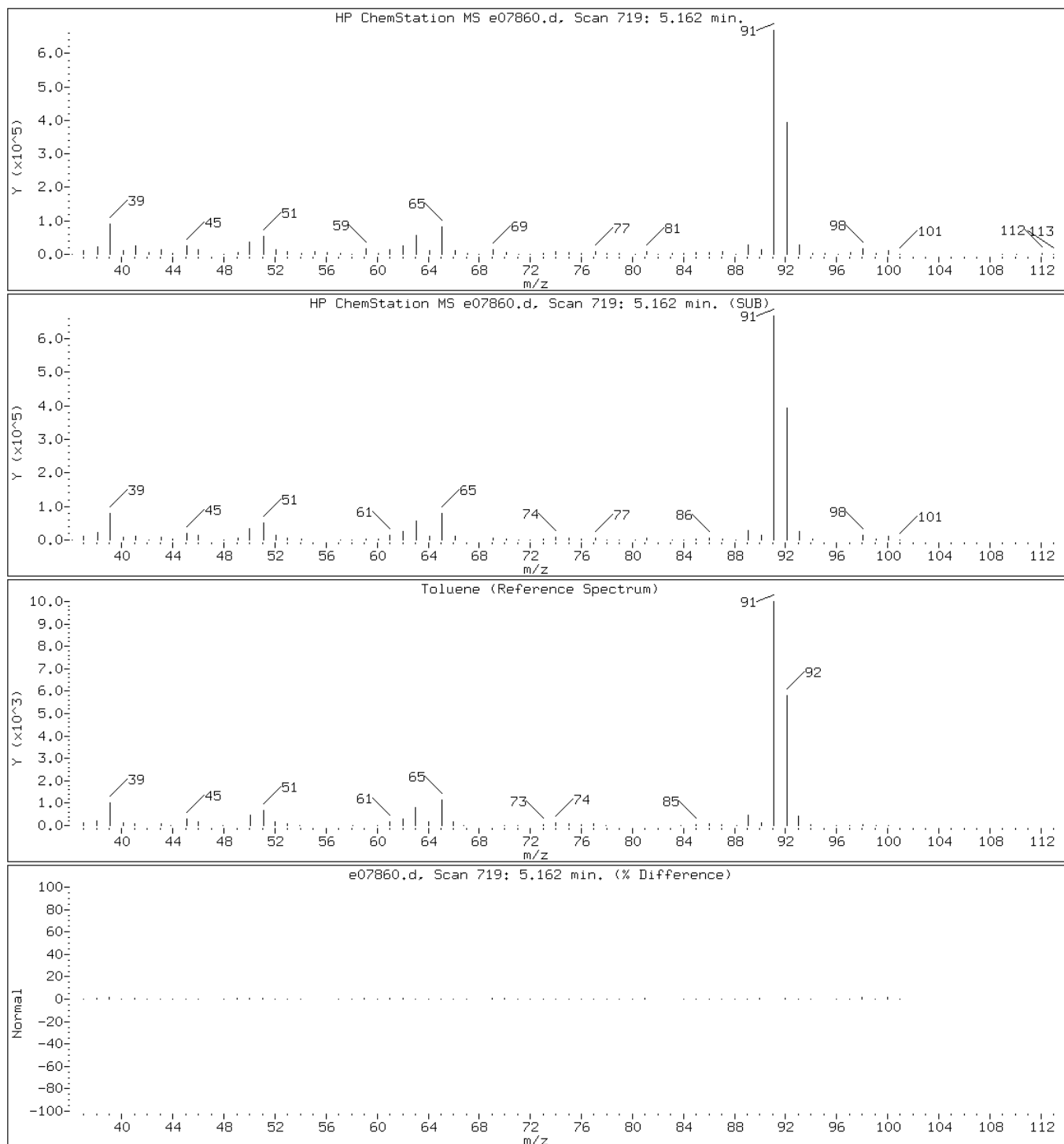
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07860.d

Date: 17-SEP-2012 14:41

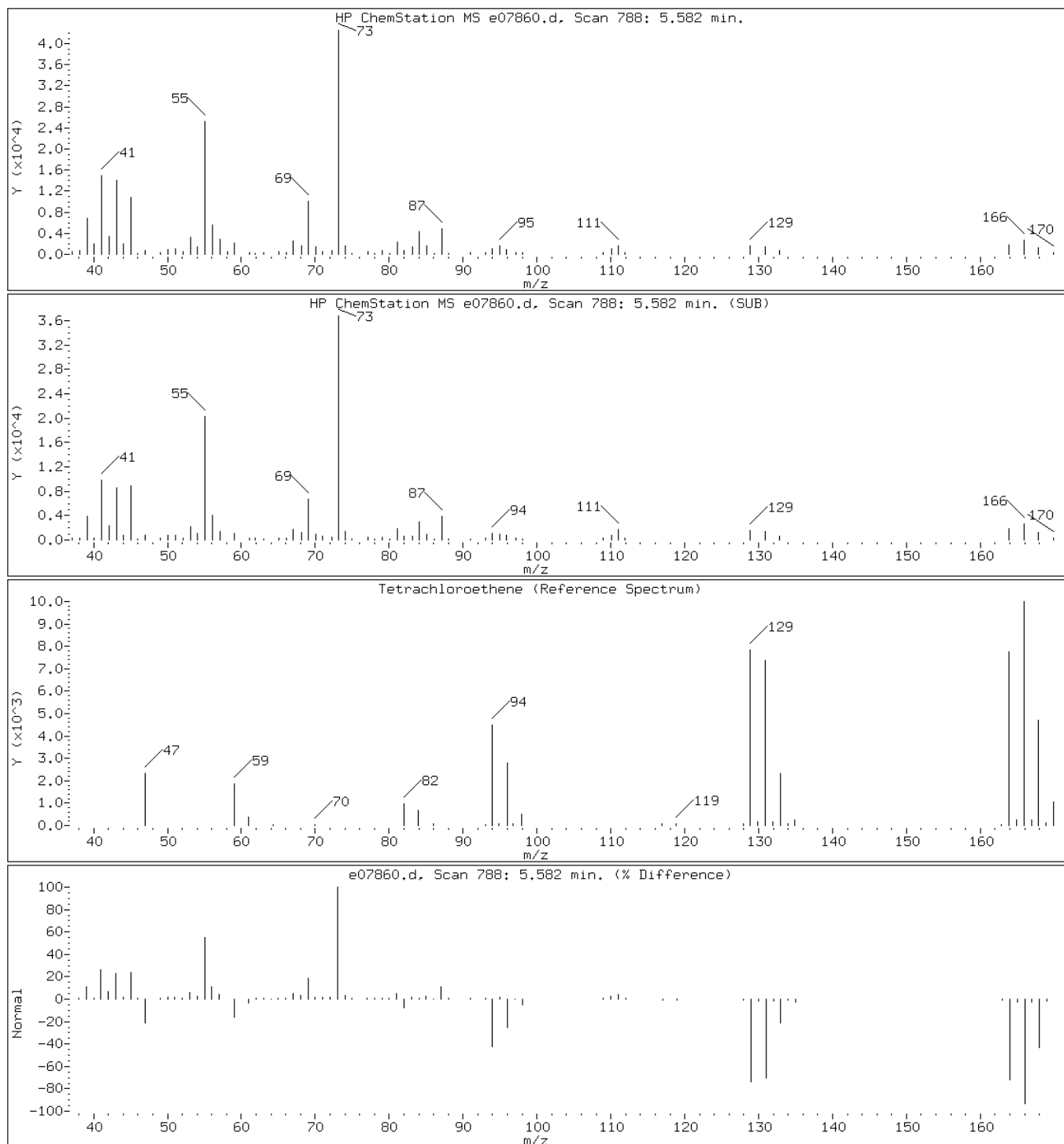
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07860.d

Date: 17-SEP-2012 14:41

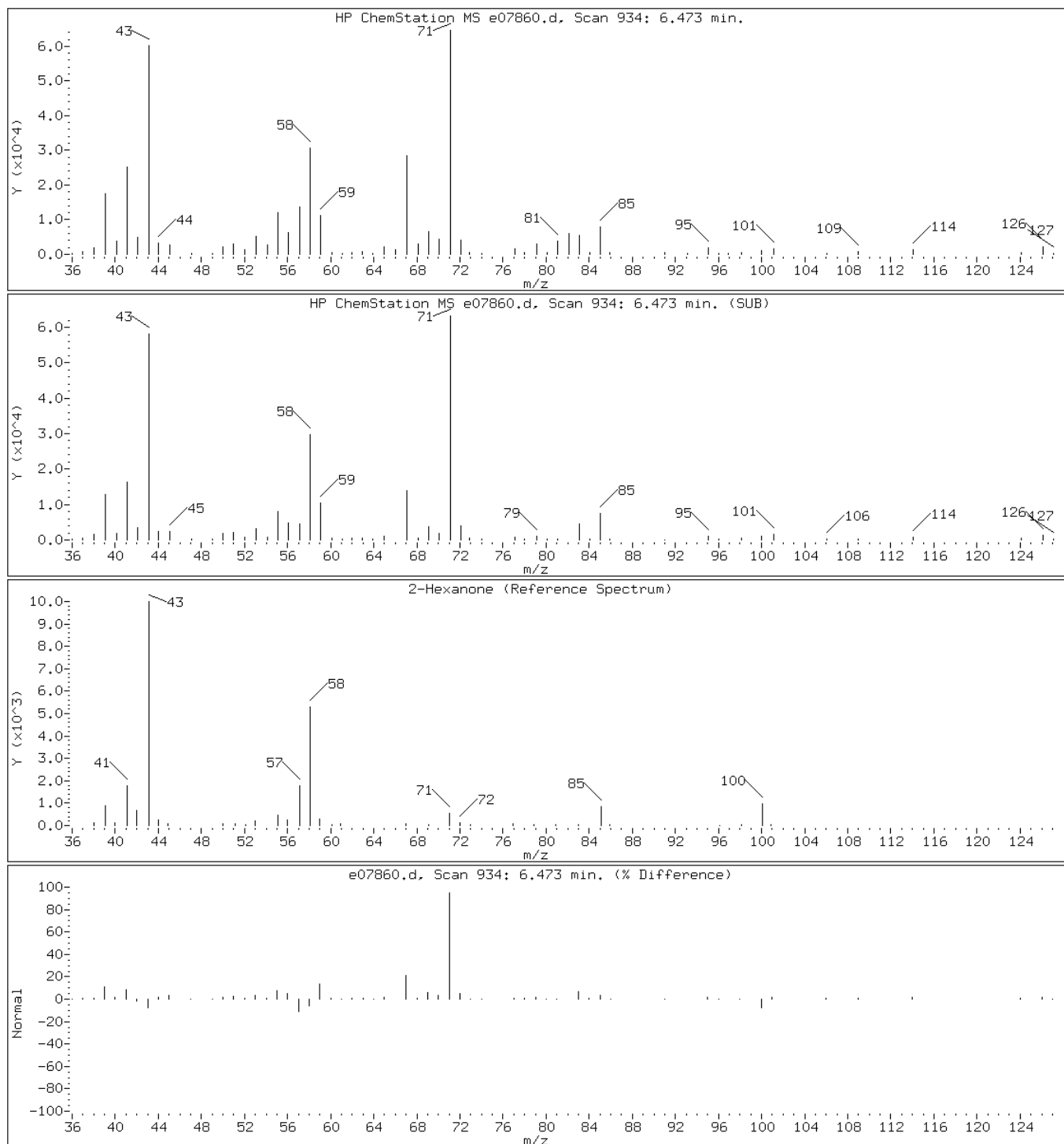
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

73 2-Hexanone



Data File: e07860.d

Date: 17-SEP-2012 14:41

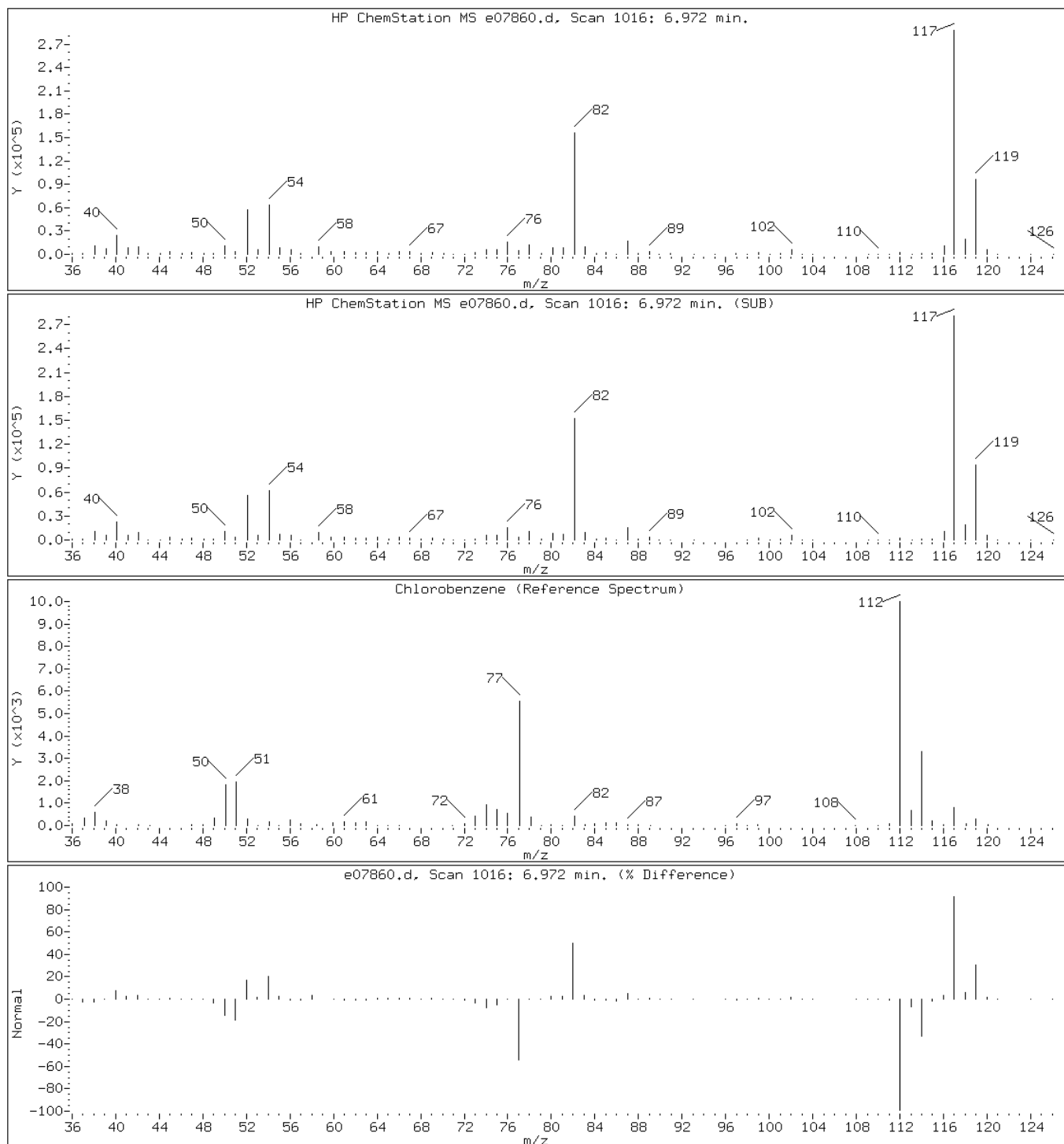
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e07860.d

Date: 17-SEP-2012 14:41

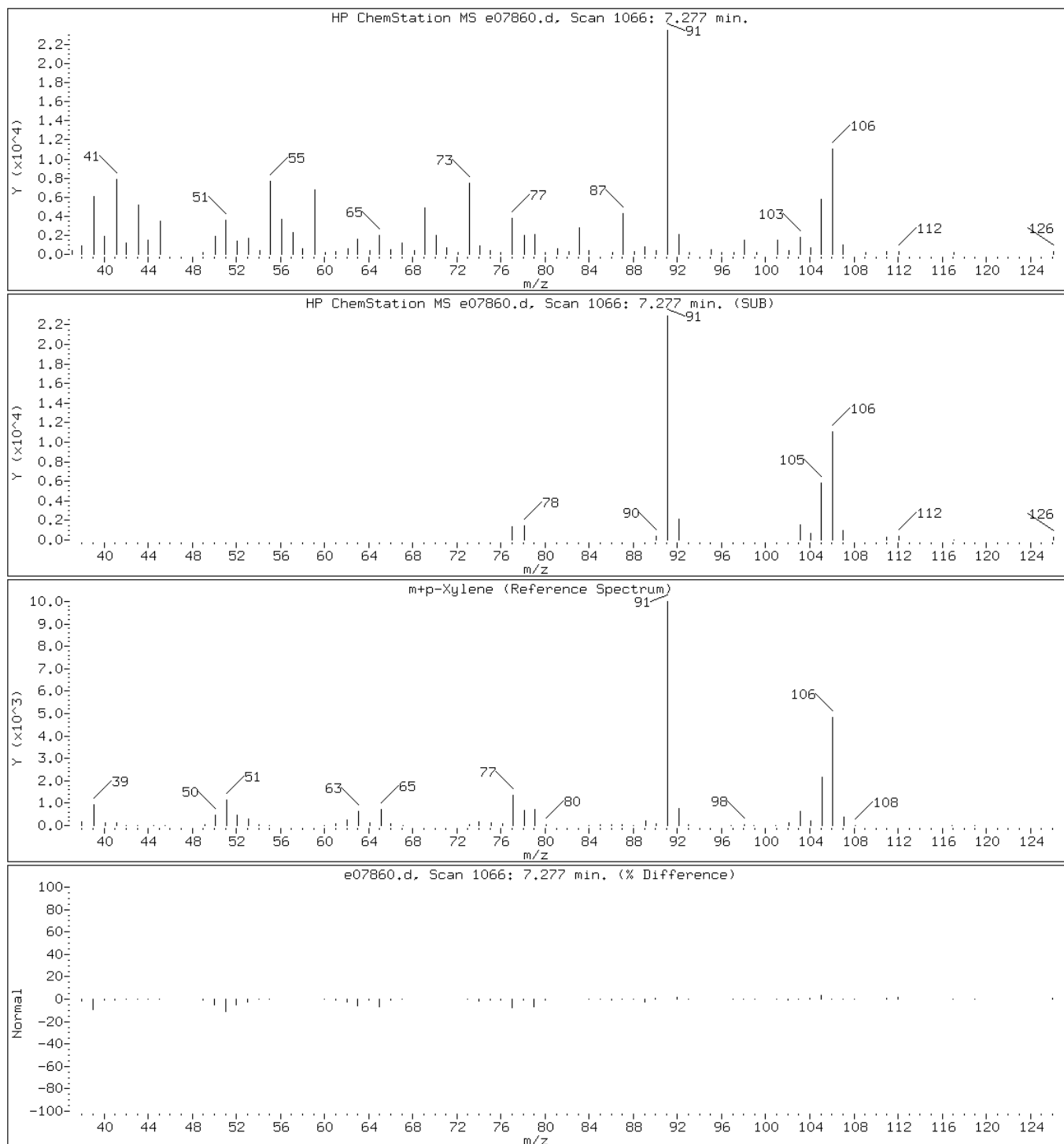
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07860.d

Date: 17-SEP-2012 14:41

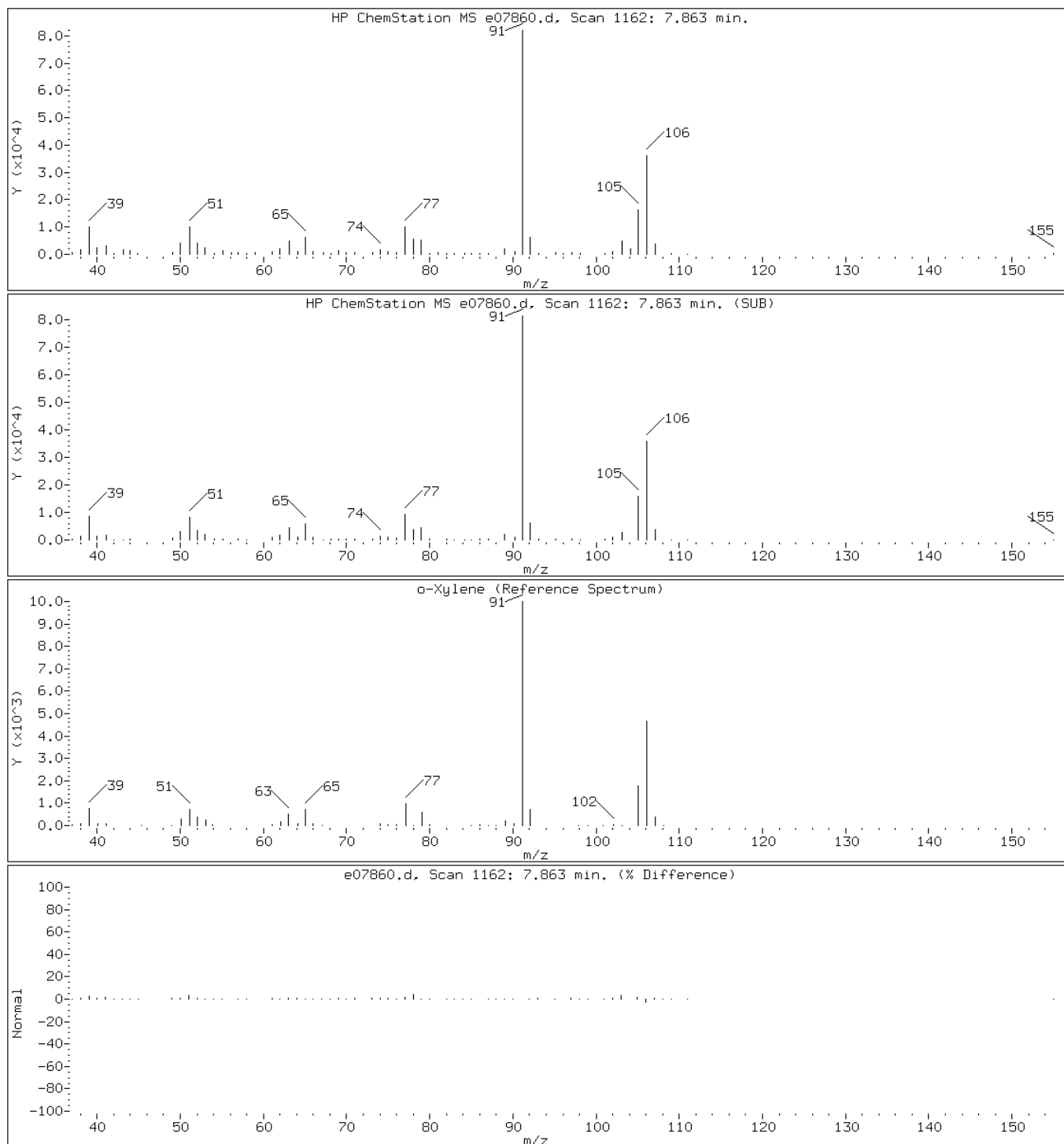
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07860.d

Date: 17-SEP-2012 14:41

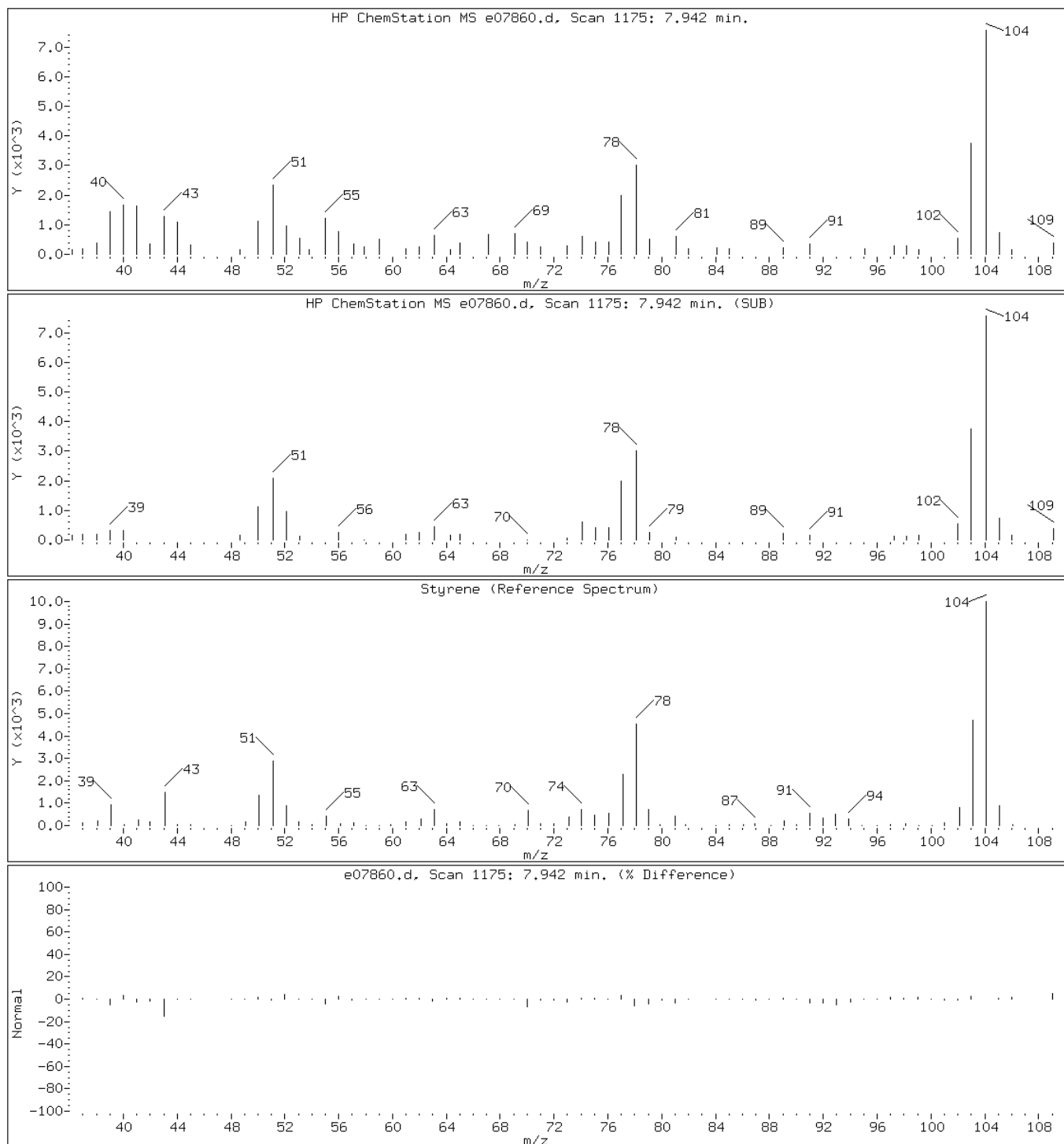
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

85 Styrene



Data File: e07860.d

Date: 17-SEP-2012 14:41

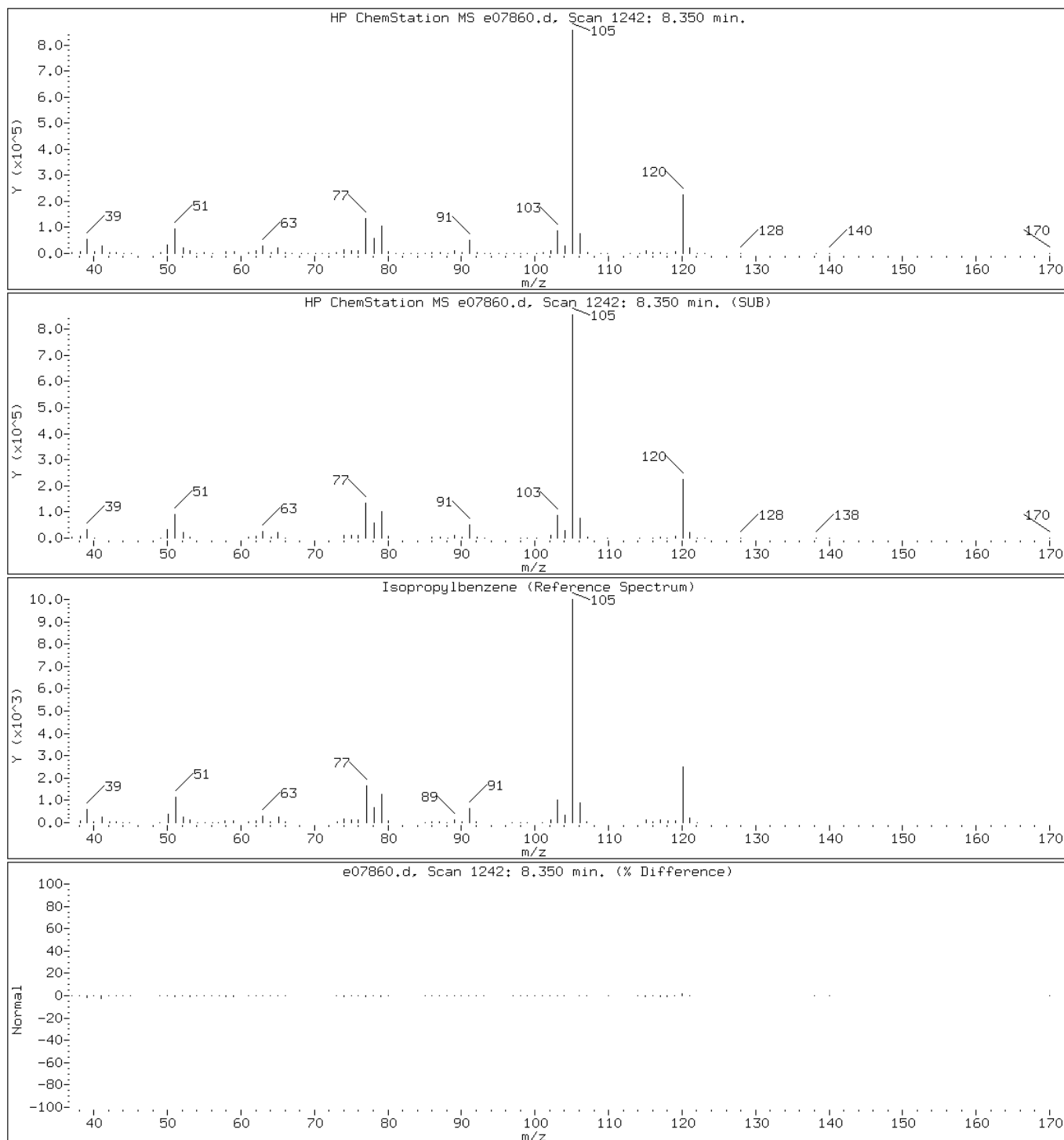
Client ID: WG-17338-091112-DUP

Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

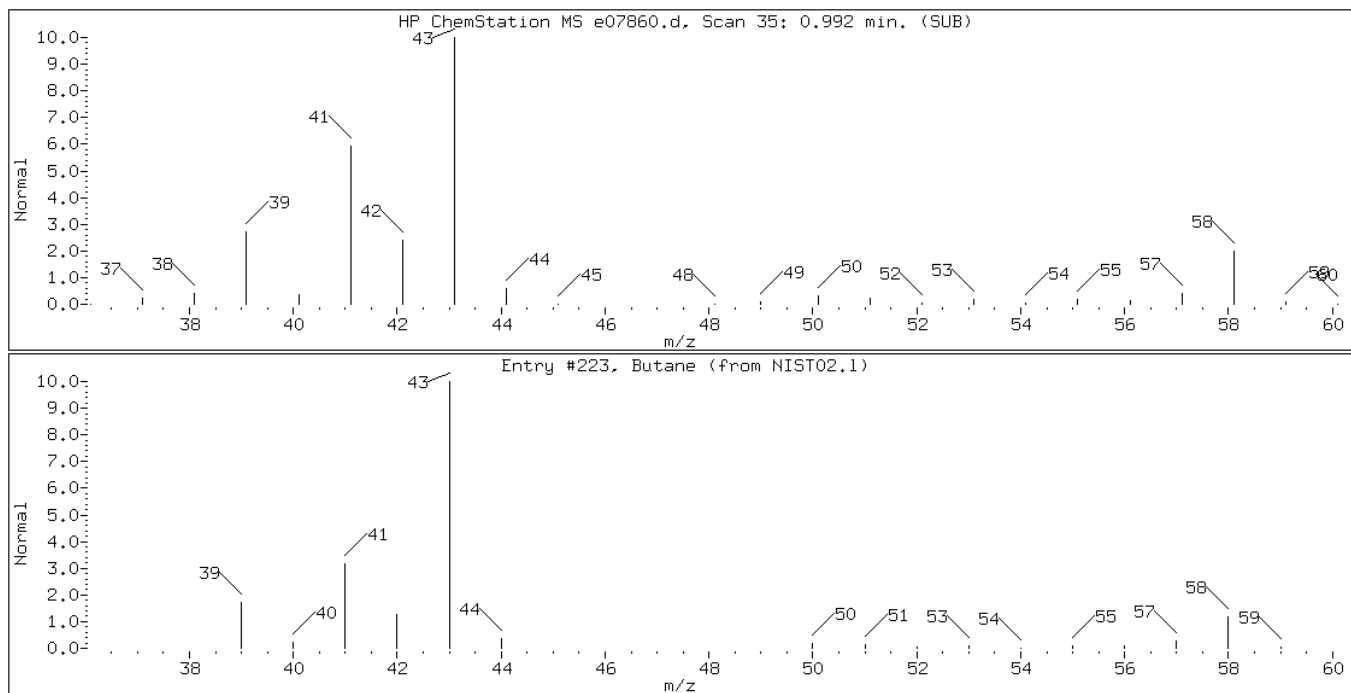
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Butane	106-97-8	NIST02.1	223	50	C4H10	58



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

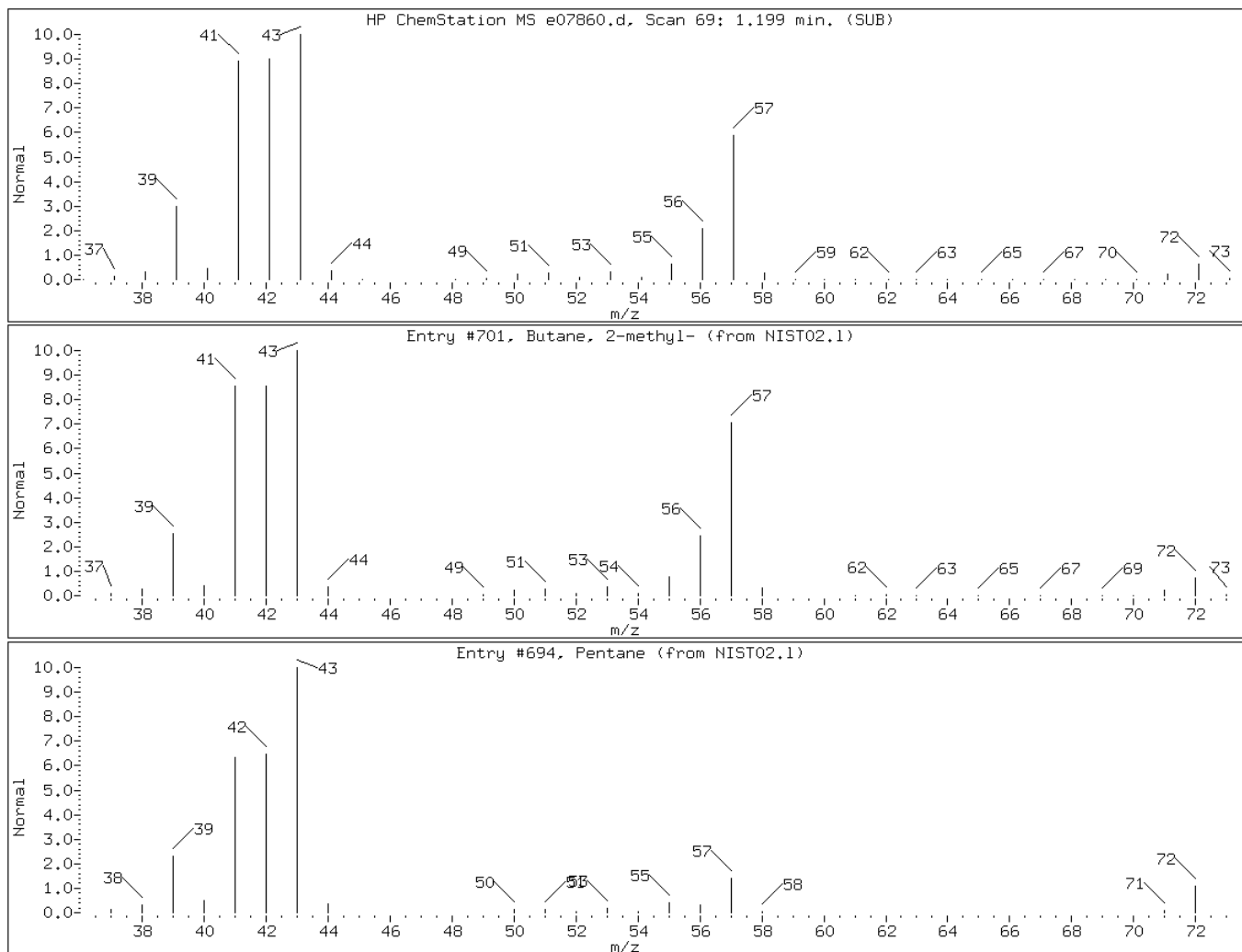
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	94	C5H12	72
Pentane	109-66-0	NIST02.1	694	56	C5H12	72



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

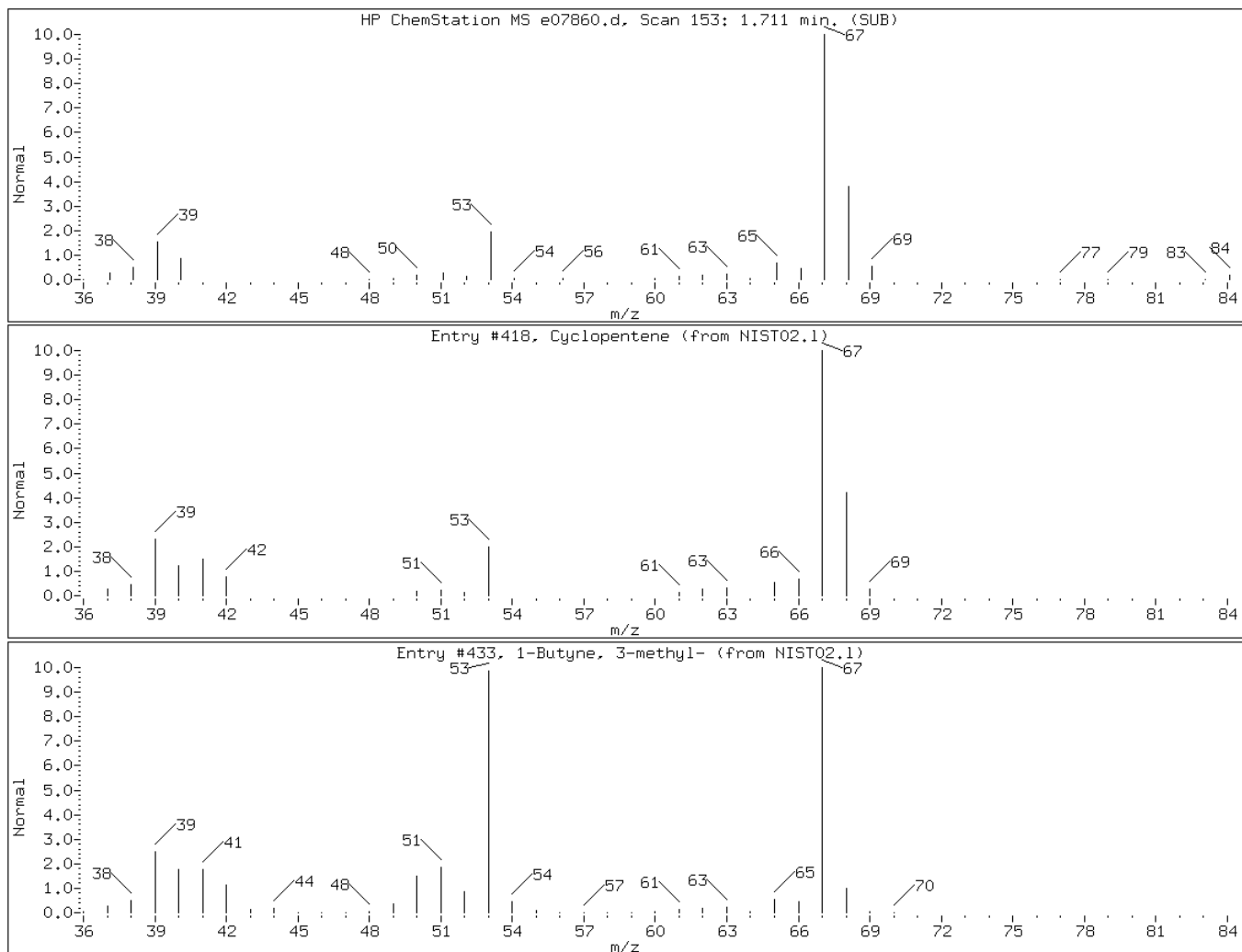
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 1.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H8 Cycloalkene						
Cyclopentene	142-29-0	NIST02.1	418	91	C5H8	68
1-Butyne, 3-methyl-	598-23-2	NIST02.1	433	72	C5H8	68



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

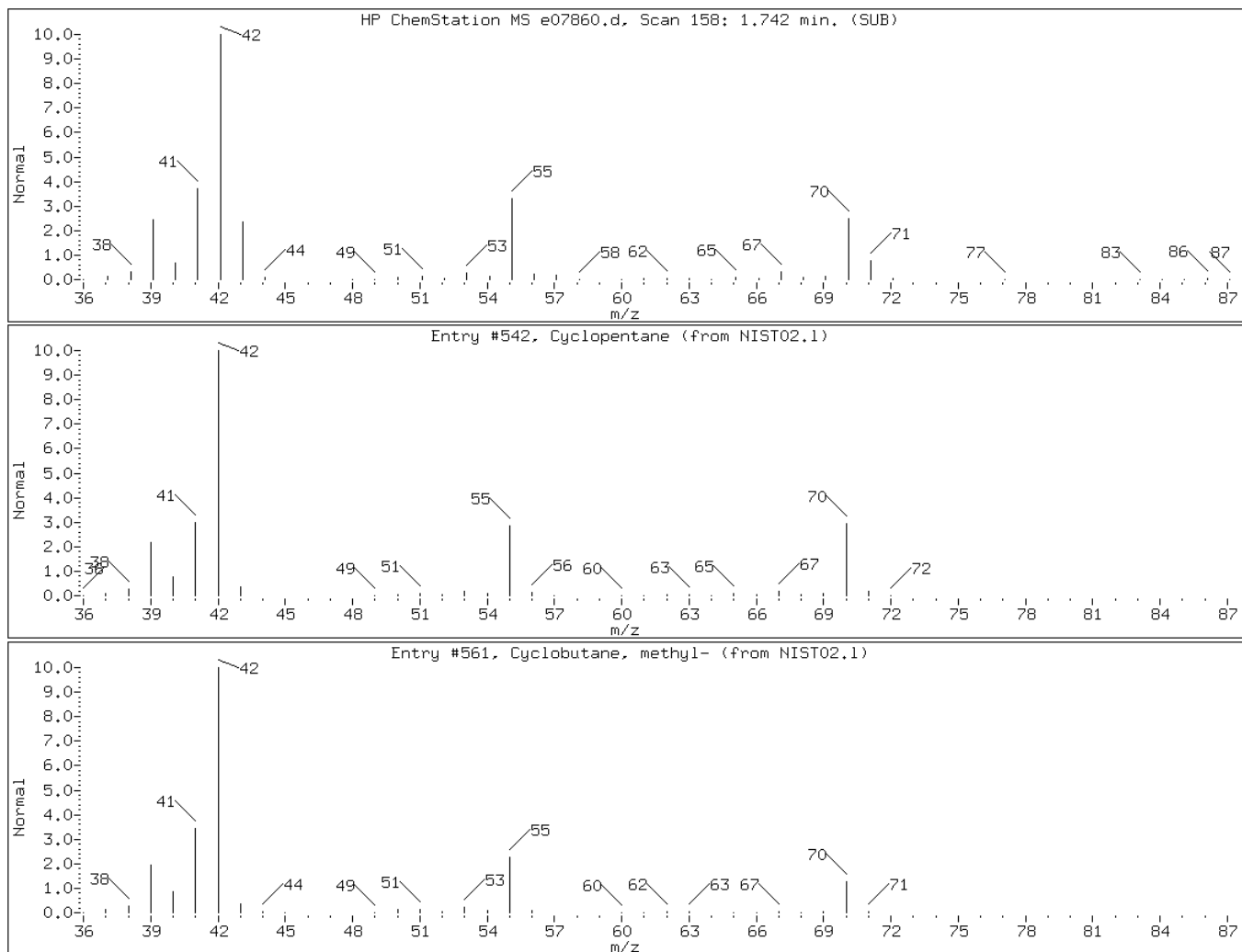
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	542	86	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	561	80	C5H10	70



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

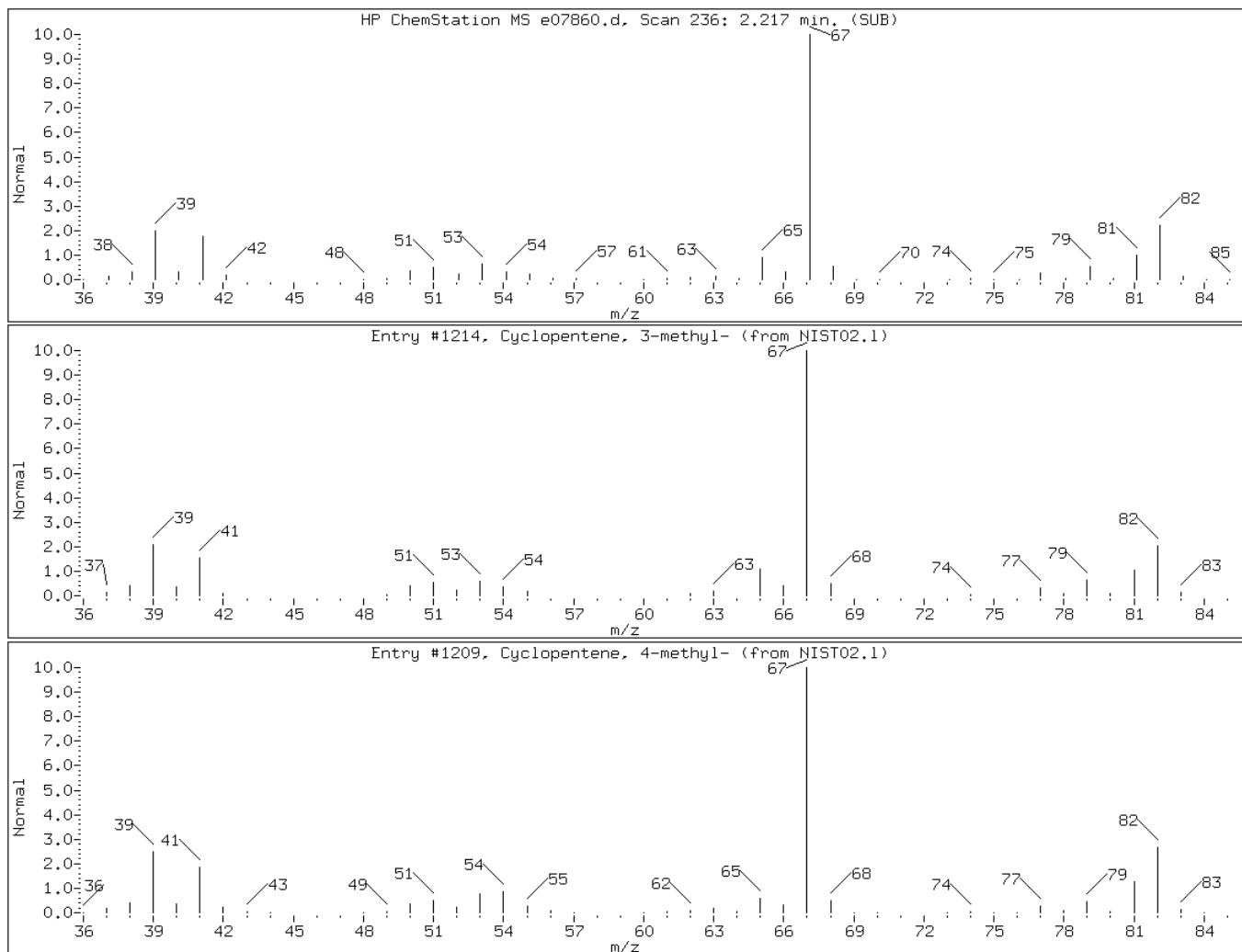
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclopentene, 3-methyl-	1120-62-3	NIST02.1	1214	94	C6H10	82
Cyclopentene, 4-methyl-	1759-81-5	NIST02.1	1209	91	C6H10	82



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

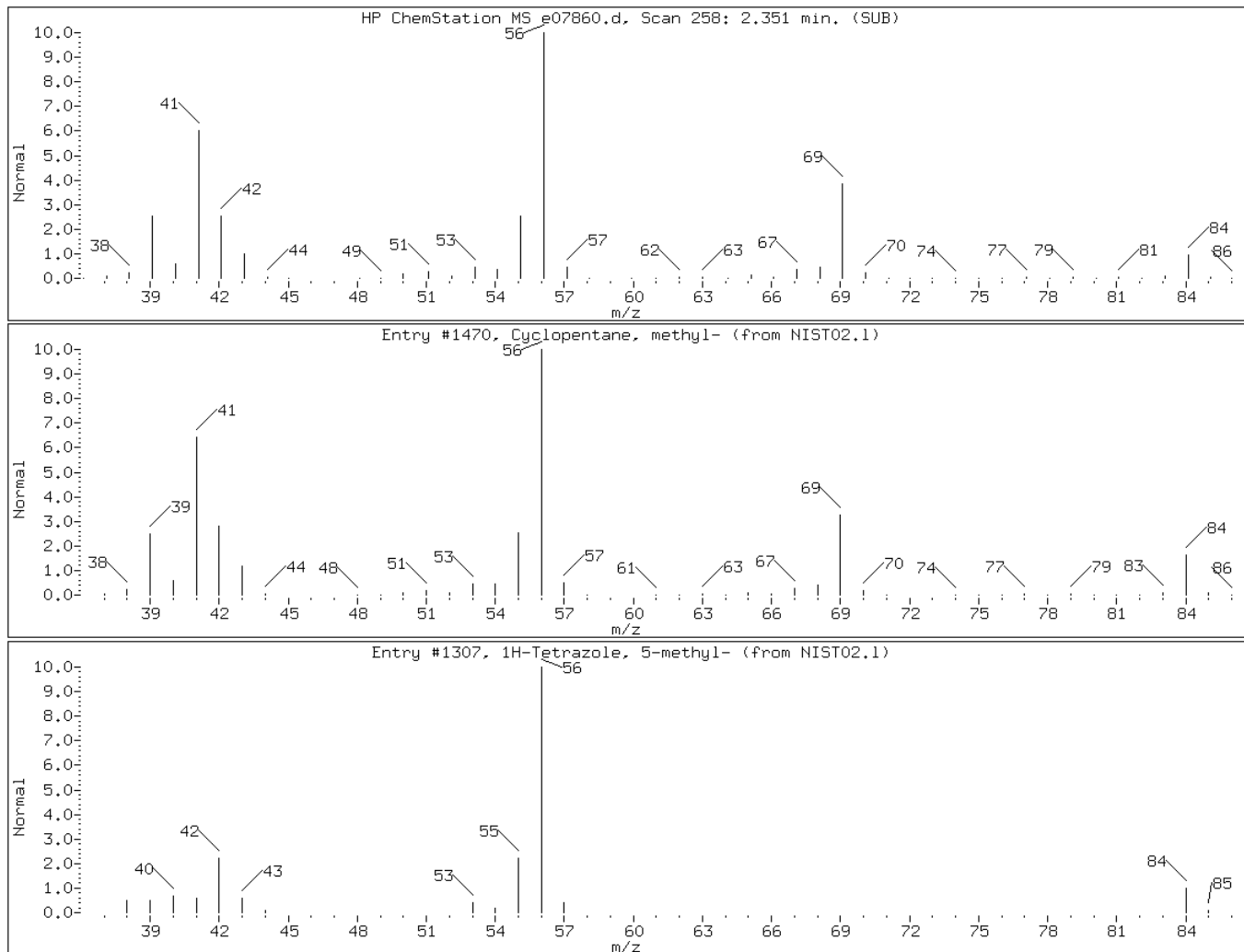
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	80	C2H4N4	84



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

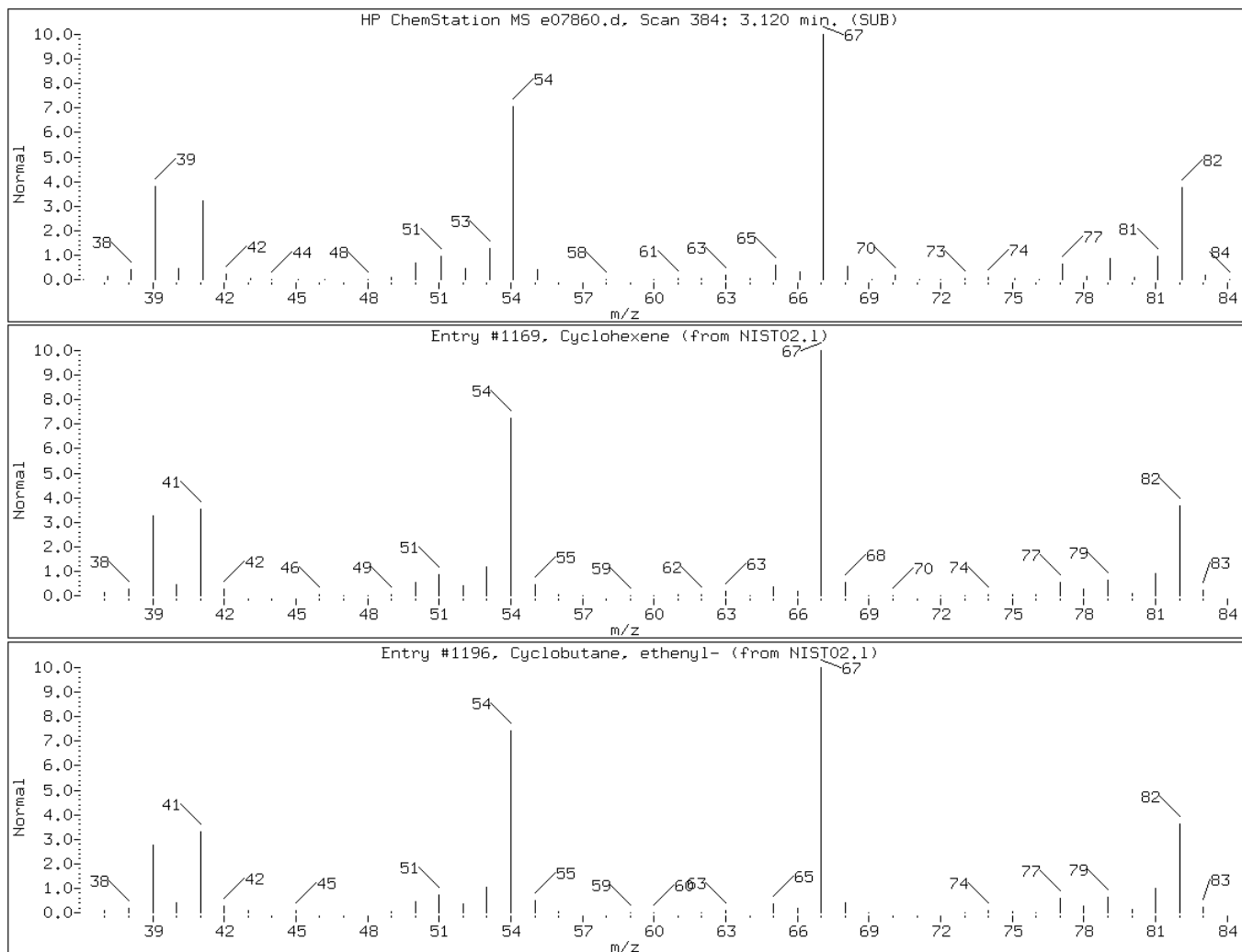
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 3.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene-1						
Cyclohexene	110-83-8	NIST02.1	1169	93	C6H10	82
Cyclobutane, ethenyl-	2597-49-1	NIST02.1	1196	91	C6H10	82



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

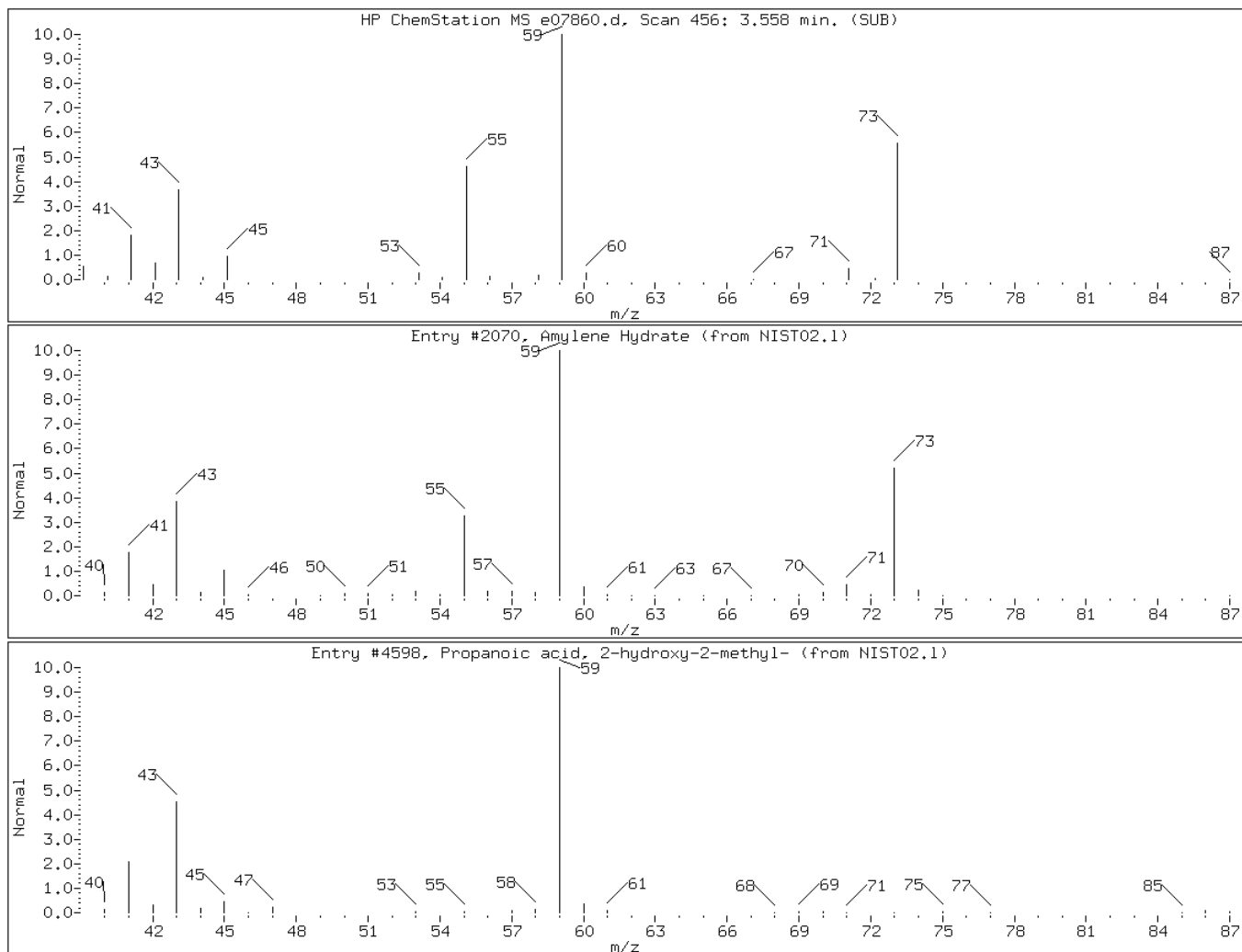
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Amylene Hydrate	75-85-4	NIST02.1	2070	78	C5H12O	88
Propanoic acid, 2-hydroxy-2-methyl	594-61-6	NIST02.1	4598	36	C4H8O3	104



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

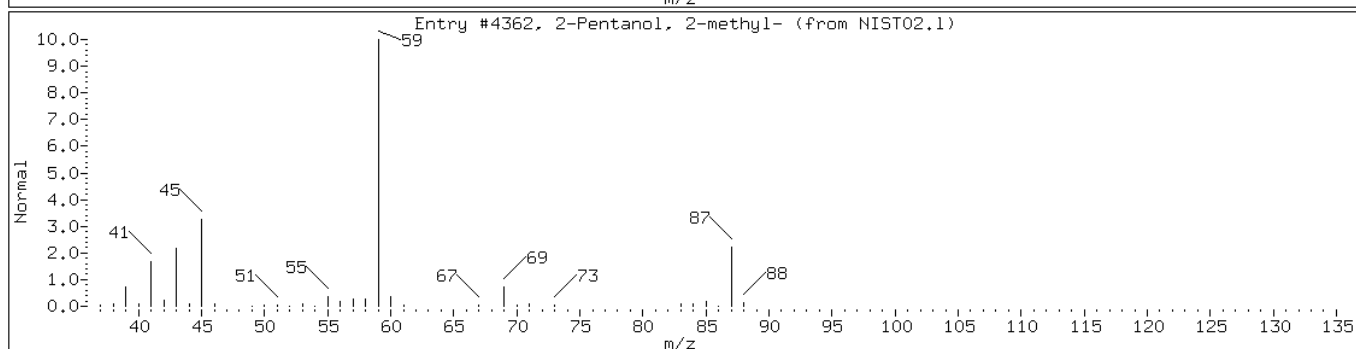
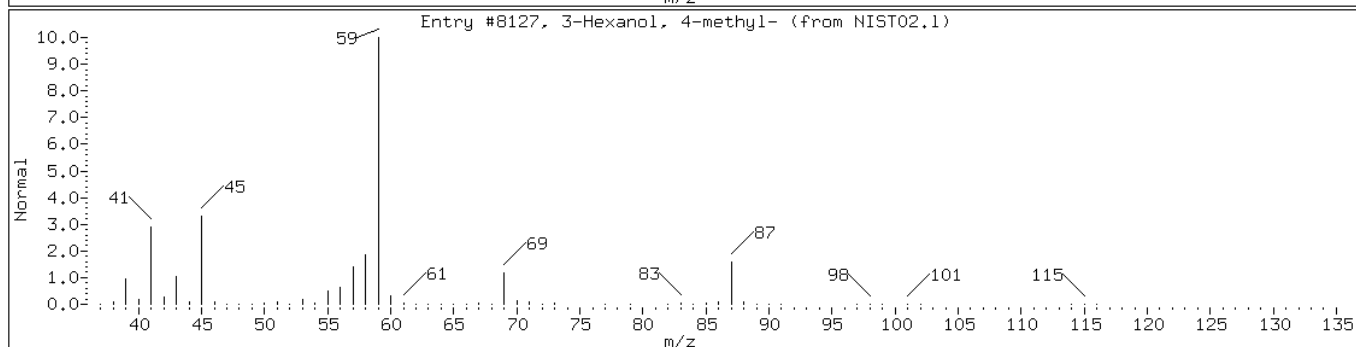
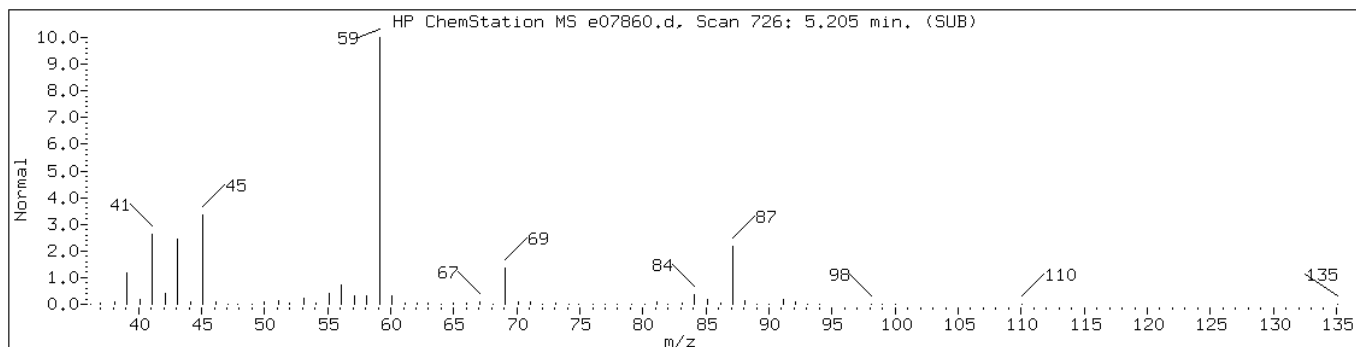
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 5.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol						
3-Hexanol, 4-methyl-	615-29-2	NIST02.1	8127	78	C7H16O	116
2-Pentanol, 2-methyl-	590-36-3	NIST02.1	4362	78	C6H14O	102



Data File: e07860.d

Date: 17-SEP-2012 14:41

Client ID: WG-17338-091112-DUP

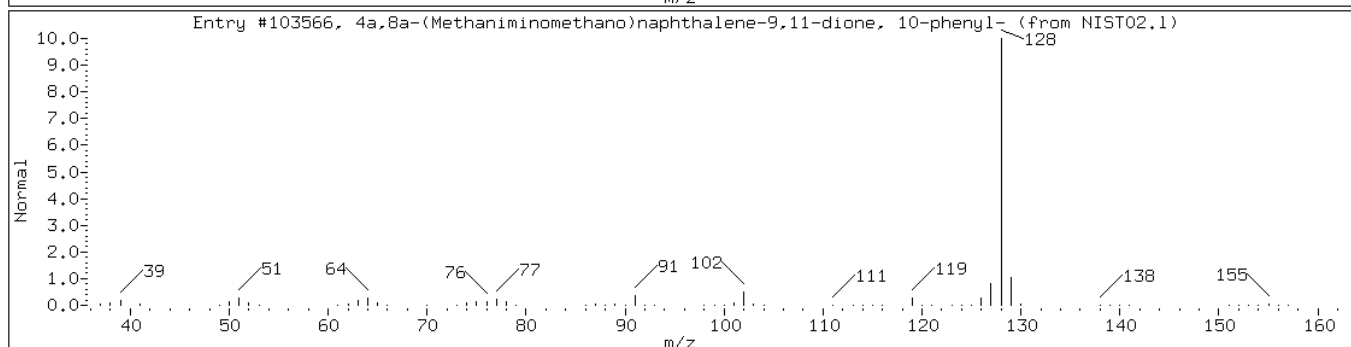
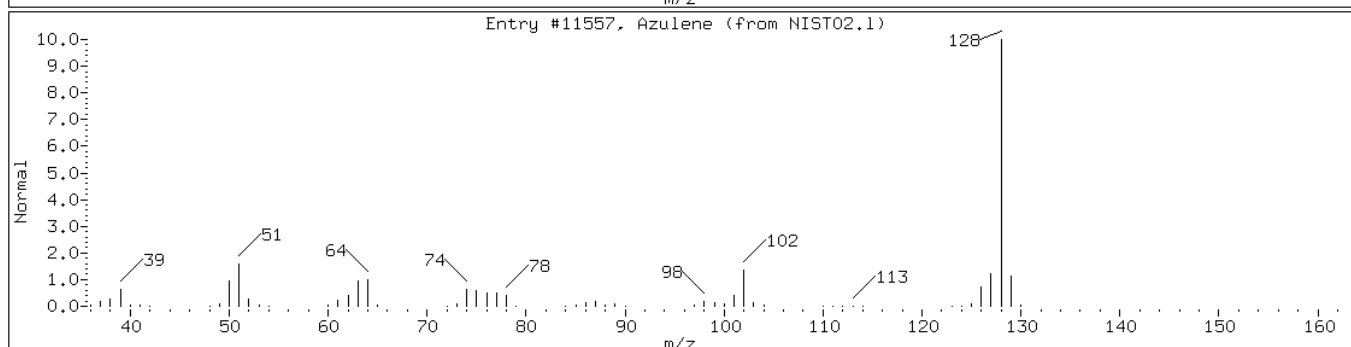
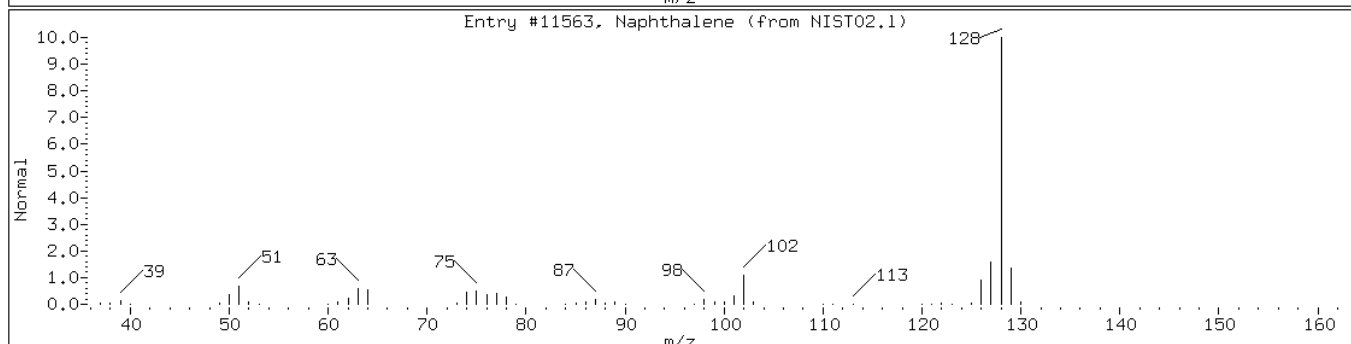
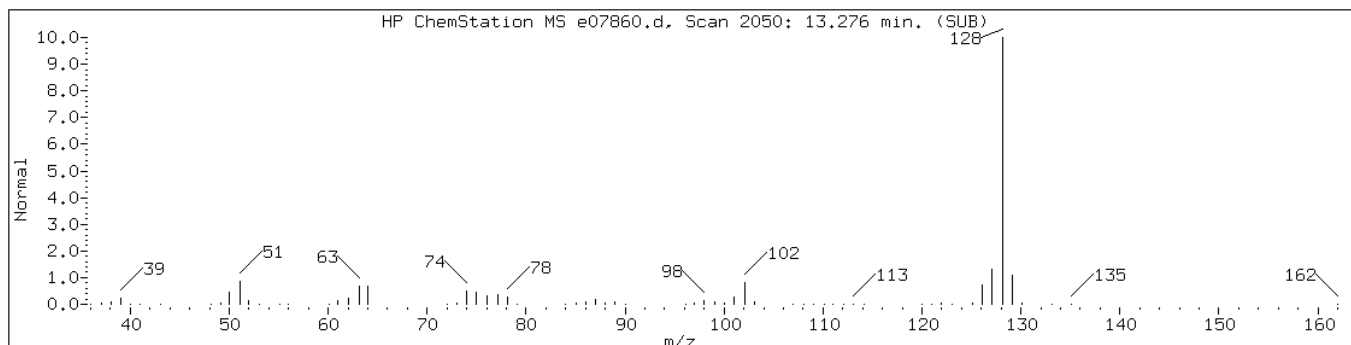
Instrument: VOAMS5.i

Sample Info: 460-44505-A-5

Operator: GC/MS VOAMS5

Retention Time: 13.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C ₁₀ H ₈	128
Azulene	275-51-4	NIST02.1	11557	93	C ₁₀ H ₈	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	64	C ₁₈ H ₁₃ N ₀₂	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-6

Matrix: Water Lab File ID: e07852.d

Analysis Method: 8260B Date Collected: 09/11/2012 13:45

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.14	J	1.0	0.090
78-87-5	1,2-Dichloropropane	0.099	J	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.35	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.21	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	24		1.0	0.080
100-41-4	Ethylbenzene	0.11	J	1.0	0.10
110-82-7	Cyclohexane	2.1		1.0	0.16
56-23-5	Carbon tetrachloride	13		1.0	0.060
71-43-2	Benzene	260		1.0	0.080
107-06-2	1,2-Dichloroethane	7.3		1.0	0.19
79-01-6	Trichloroethene	9.5		1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.28	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-6
 Matrix: Water Lab File ID: e07852.d
 Analysis Method: 8260B Date Collected: 09/11/2012 13:45
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.62	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.67	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.82	J	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-6
Matrix: Water Lab File ID: e07852.d
Analysis Method: 8260B Date Collected: 09/11/2012 13:45
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 6 TIC Result Total: 102.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.94	5.1	J
	C4H10 Alkane-1	0.99	44	J
	C5H12 Alkane	1.20	29	J
	C5H10 Cycloalkane	1.74	8.1	J
108-20-3	Diisopropyl ether	2.24	8.1	J N
91-20-3	Naphthalene	13.27	8.0	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07852.d
 Report Date: 17-Sep-2012 15:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07852.d
 Lab Smp Id: 460-44505-A-6 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 11:34
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-6
 Misc Info : 460-44505-A-6
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	981		0.13791	0.14(a)
28 MTBE	73	2.016	2.022	(0.561)	11035		0.34712	0.35(a)
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	4631		0.20611	0.21(a)
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	13563		1.20443	1.2
42 Chloroform	83	2.839	2.845	(0.790)	445863		24.0951	24
44 Cyclohexane	56	2.778	2.790	(0.773)	39735		2.14722	2.1
45 Carbon Tetrachloride	117	2.930	2.936	(0.815)	170431		13.2880	13
48 Benzene	78	3.260	3.260	(0.469)	11712310		256.415	260
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.369	(0.934)	623429		52.7780	53
49 1,2-Dichloroethane	62	3.412	3.424	(0.949)	110546		7.31193	7.3
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2295769		50.0000	
54 Trichloroethene	95	3.741	3.753	(1.041)	105138		9.48558	9.5
57 1,2-Dichloropropane	63	4.192	4.205	(1.166)	1273		0.09887	0.099(a)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2179823		51.2730	51
66 Toluene	91	5.156	5.168	(0.741)	14704		0.28446	0.28(a)
71 Tetrachloroethene	166	5.582	5.594	(0.803)	7574		0.61981	0.62(a)

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07852.d
 Report Date: 17-Sep-2012 15:59

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1813689	50.0000	
81 Ethylbenzene	106	7.058	7.094	(1.015)	1979	0.11016	0.11(a)
82 m+p-Xylene	106	7.277	7.308	(1.046)	9462	0.41421	0.41(a)
84 o-Xylene	106	7.862	7.887	(1.131)	5637	0.25303	0.25(a)
88 Isopropylbenzene	105	8.350	8.368	(1.201)	46526	0.82189	0.82(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	819016	50.9336	51
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.496	(1.000)	994354	50.0000	
M 120 1,2-Dichloroethene (Total)	100				13563	1.20443	1.2(a)
M 121 Xylene (Total)	100				15099	0.66725	0.67(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

Data File: e07852.d

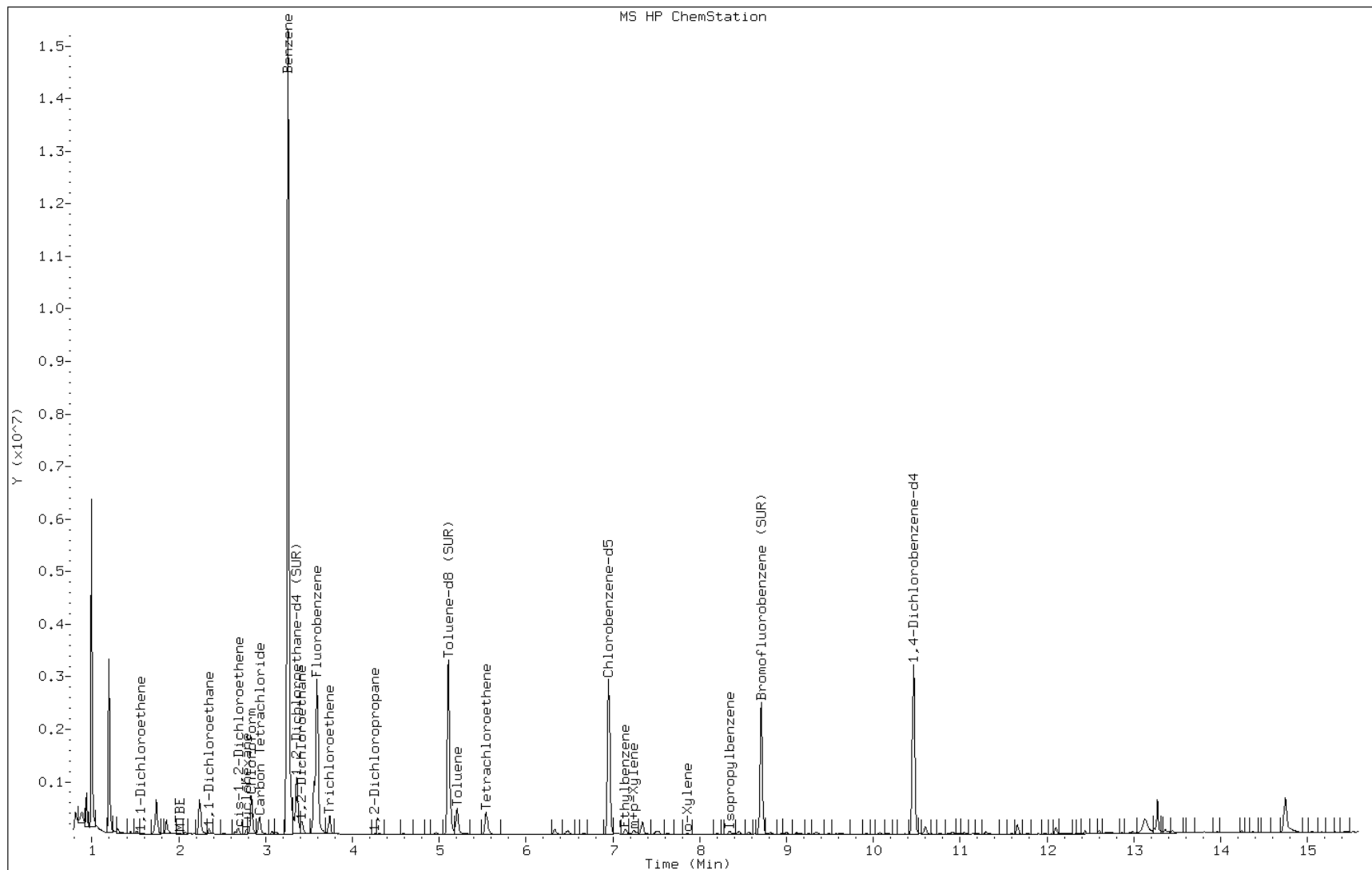
Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5



Data File: e07852.d

Date: 17-SEP-2012 11:34

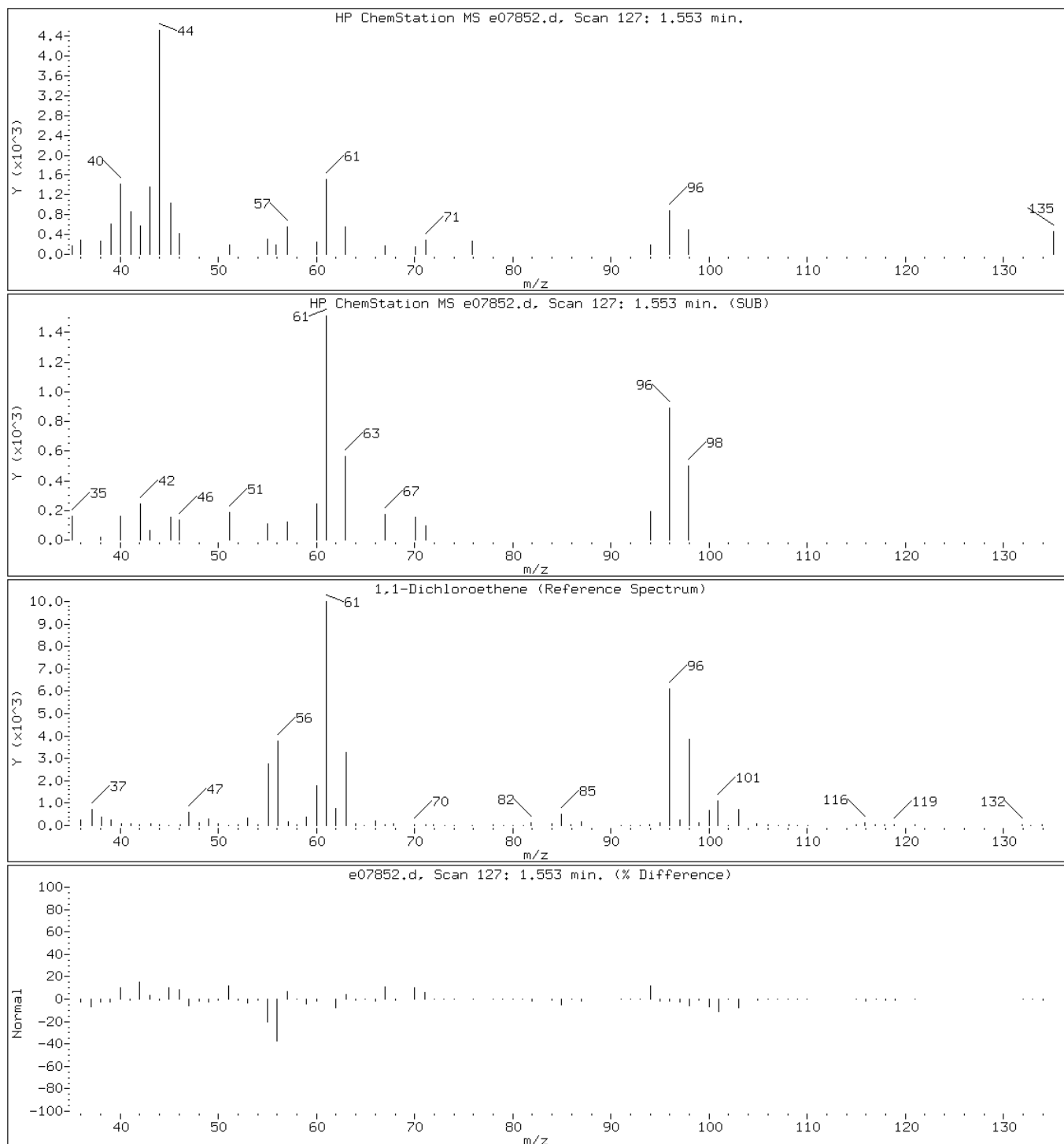
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

15 1,1-Dichloroethene



Data File: e07852.d

Date: 17-SEP-2012 11:34

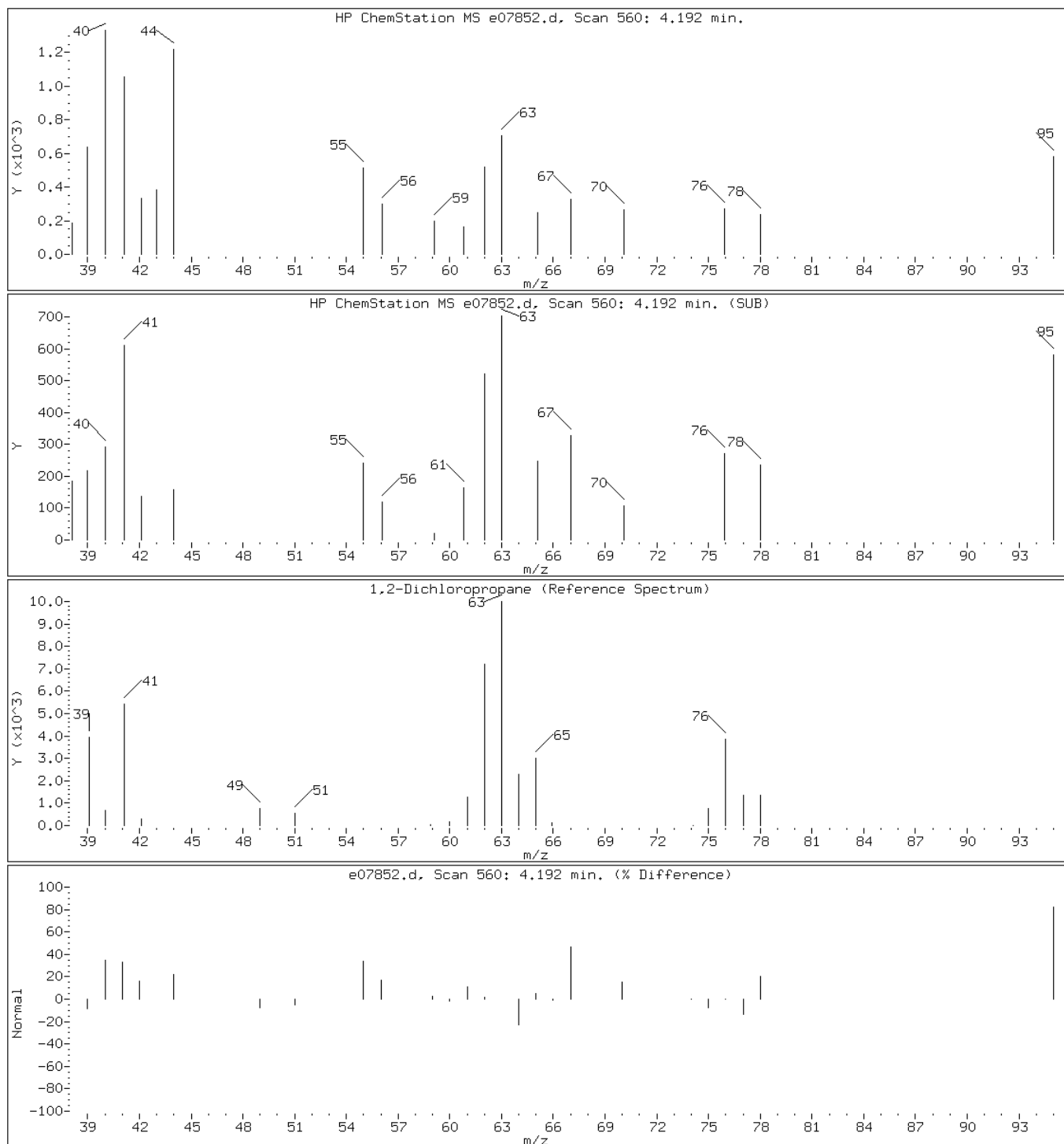
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Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

57 1,2-Dichloropropane



Data File: e07852.d

Date: 17-SEP-2012 11:34

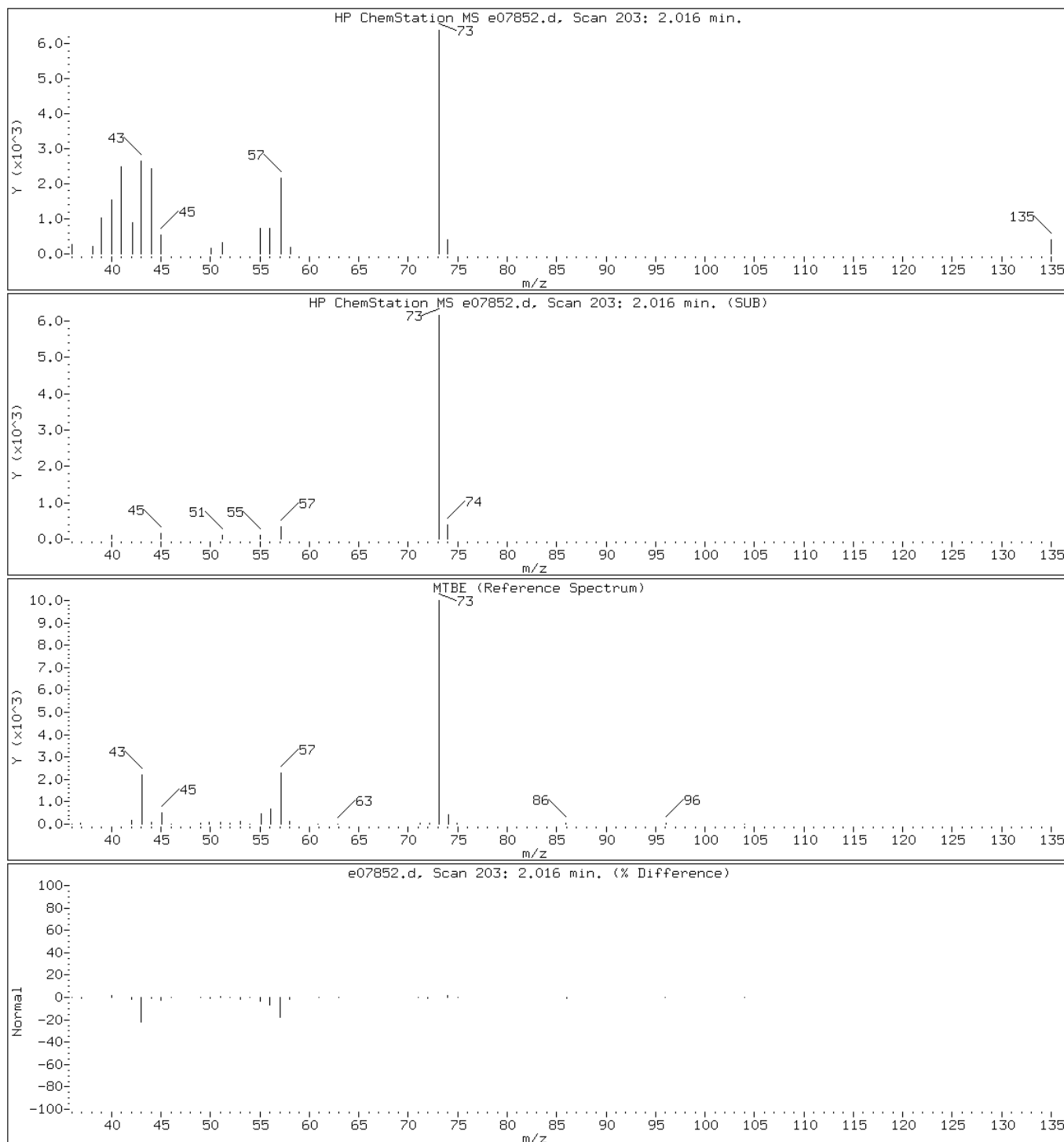
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Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07852.d

Date: 17-SEP-2012 11:34

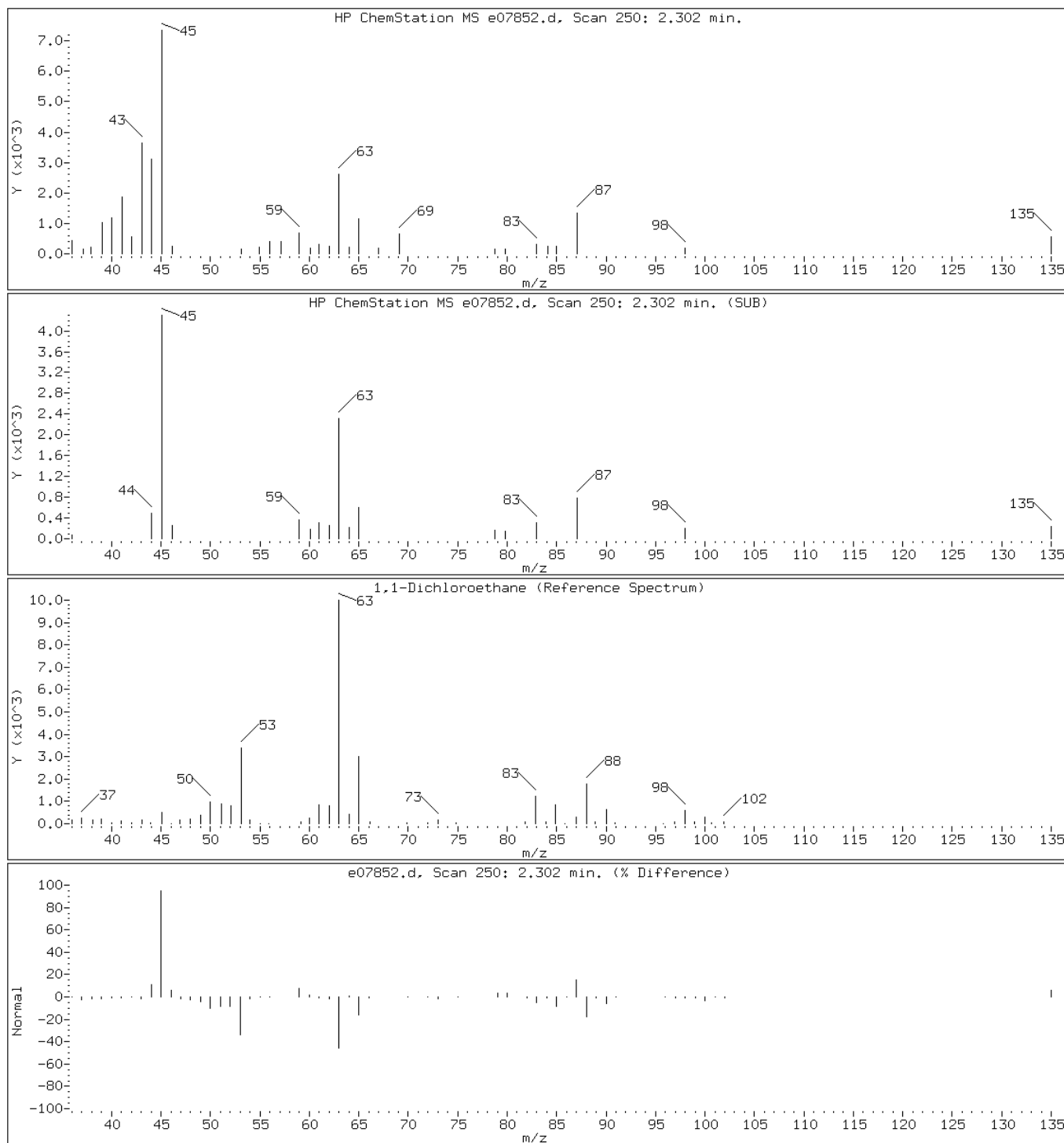
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

30 1,1-Dichloroethane



Data File: e07852.d

Date: 17-SEP-2012 11:34

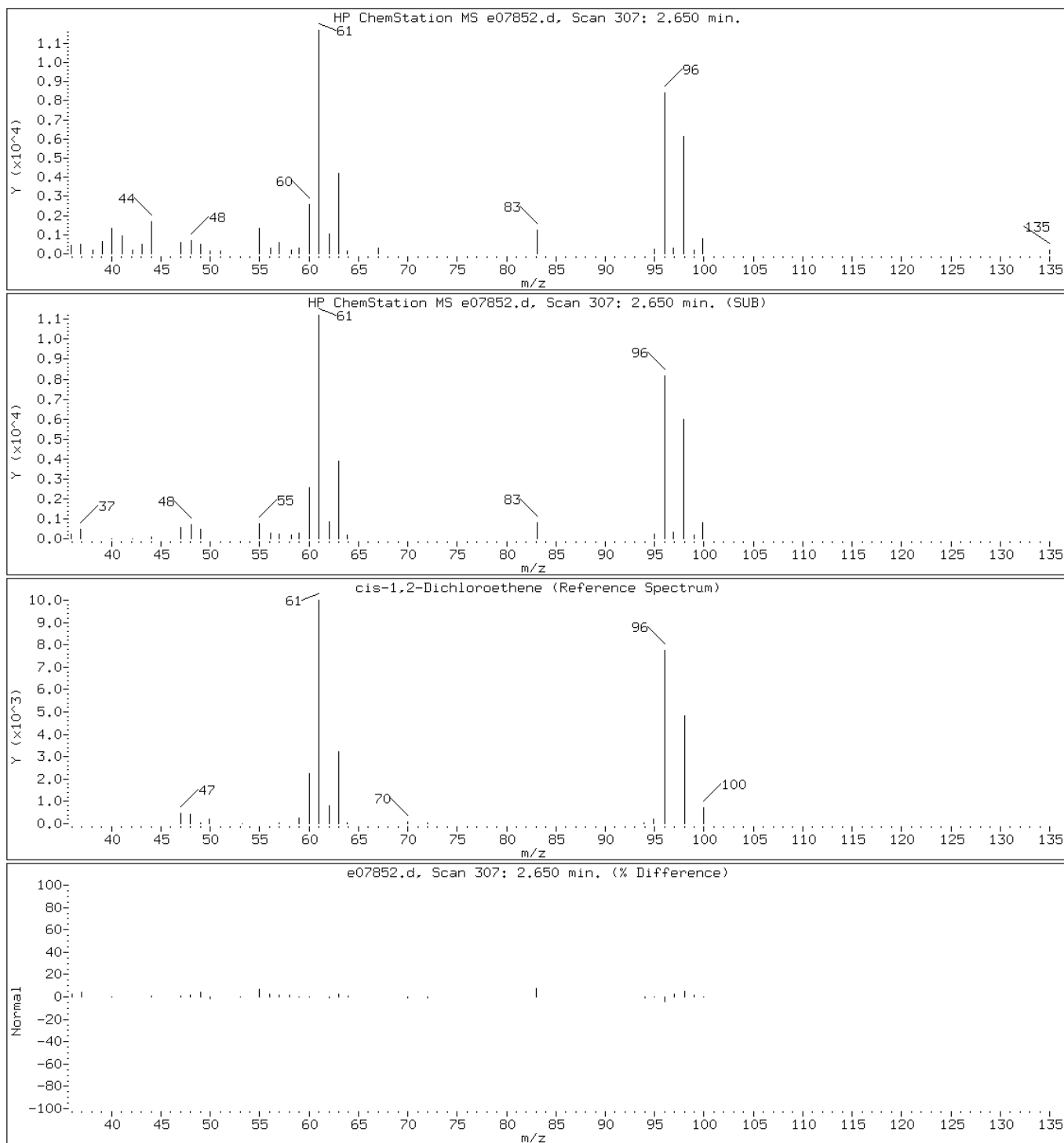
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e07852.d

Date: 17-SEP-2012 11:34

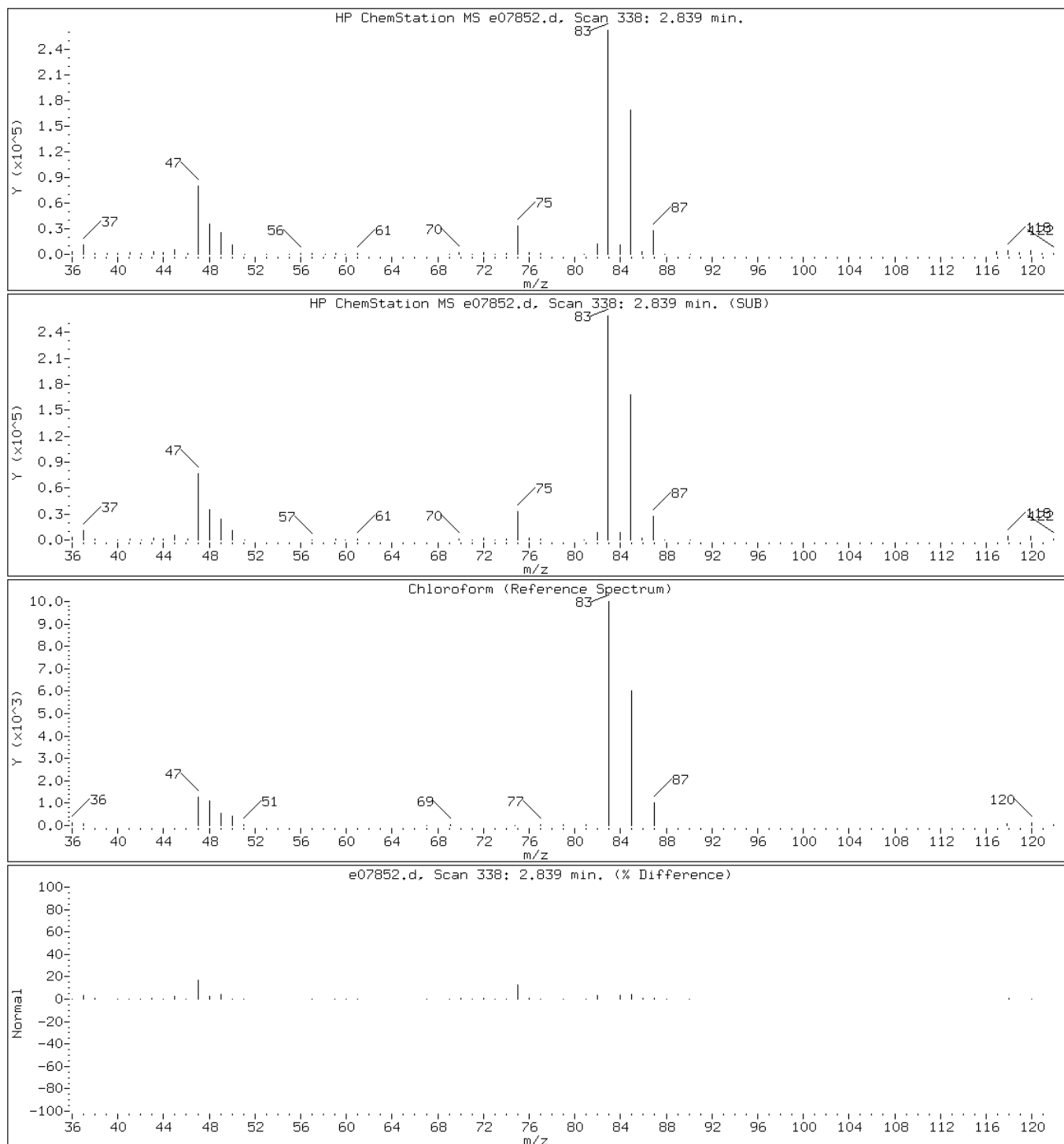
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

42 Chloroform



Data File: e07852.d

Date: 17-SEP-2012 11:34

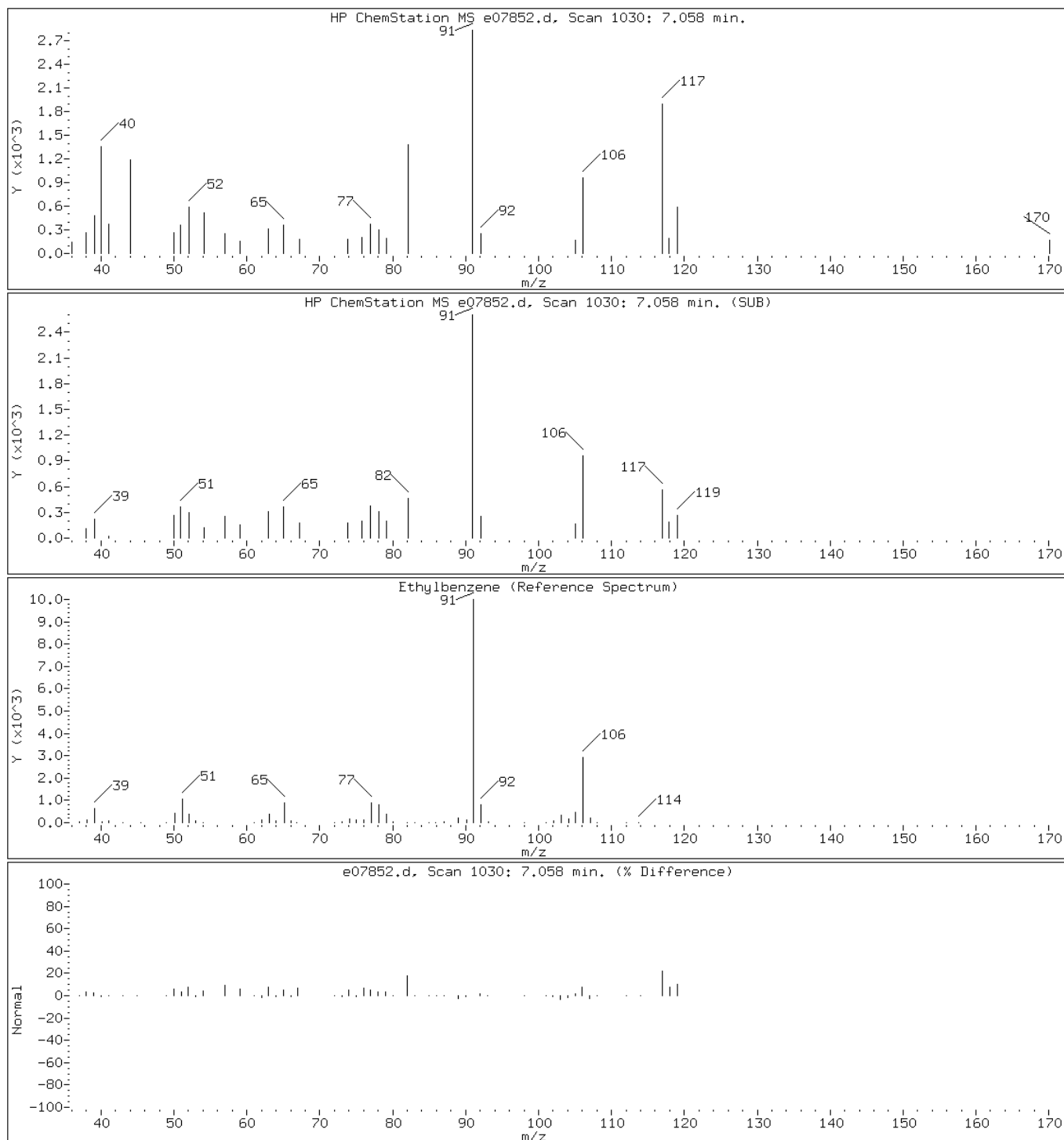
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07852.d

Date: 17-SEP-2012 11:34

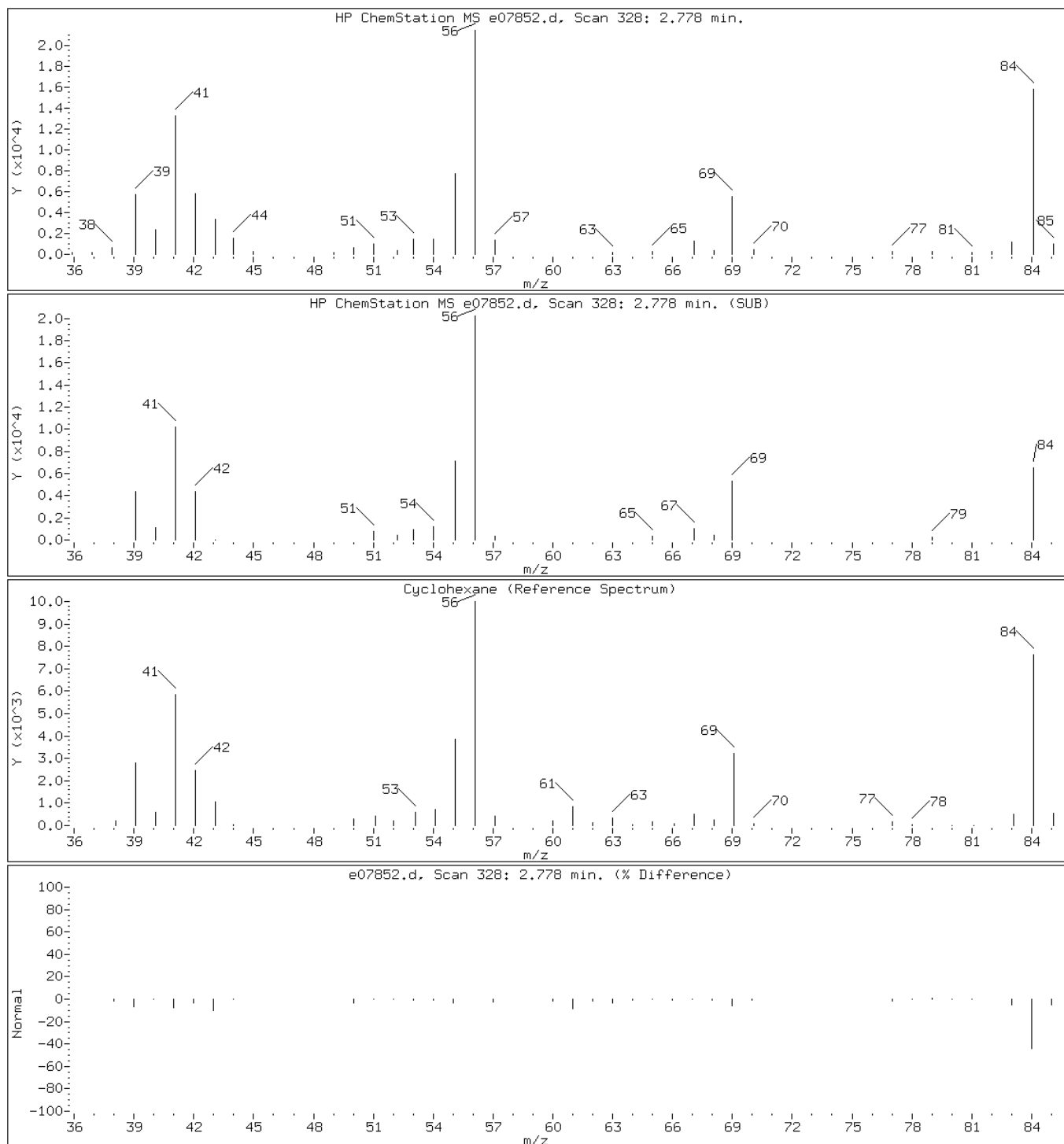
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07852.d

Date: 17-SEP-2012 11:34

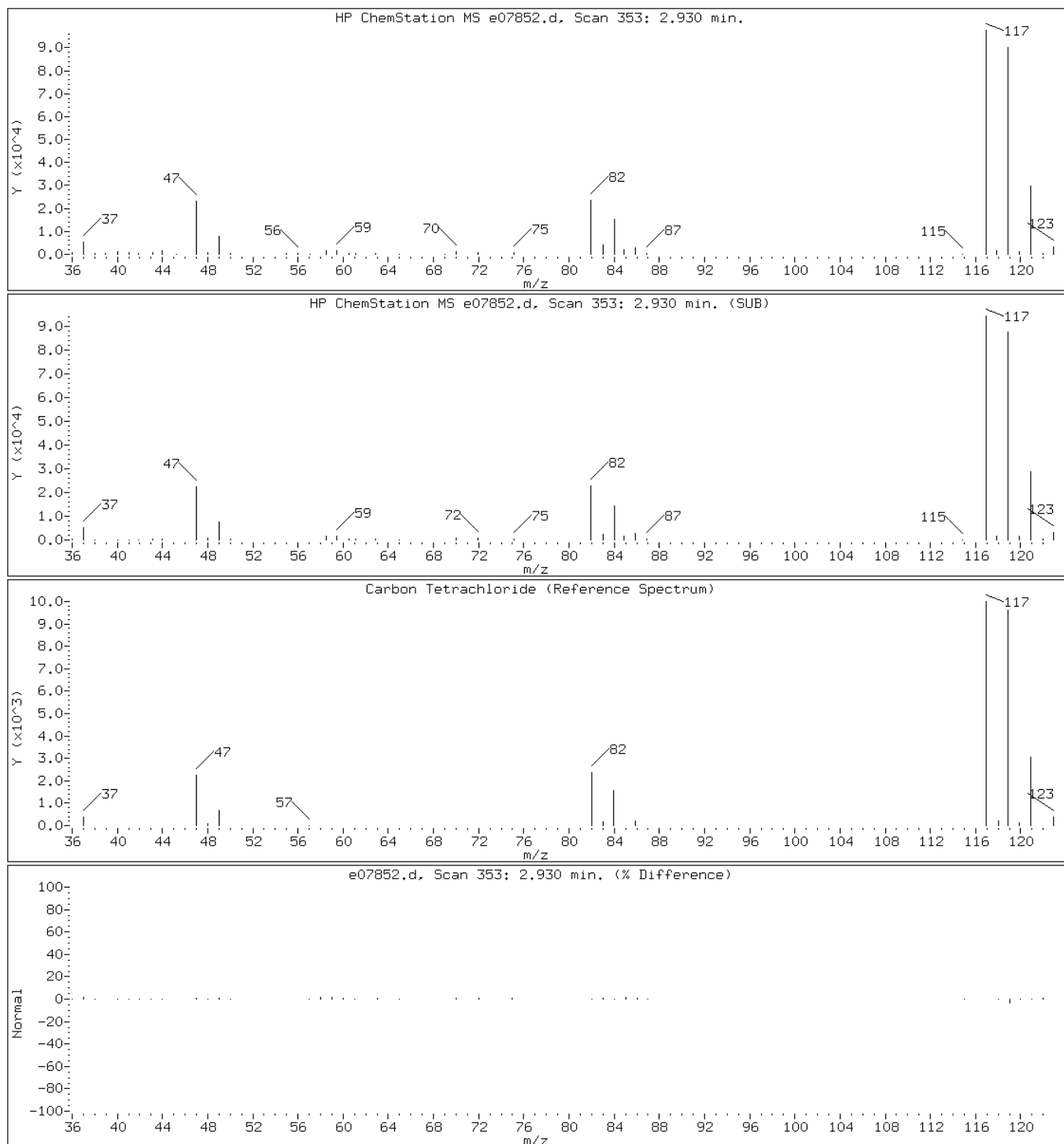
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07852.d

Date: 17-SEP-2012 11:34

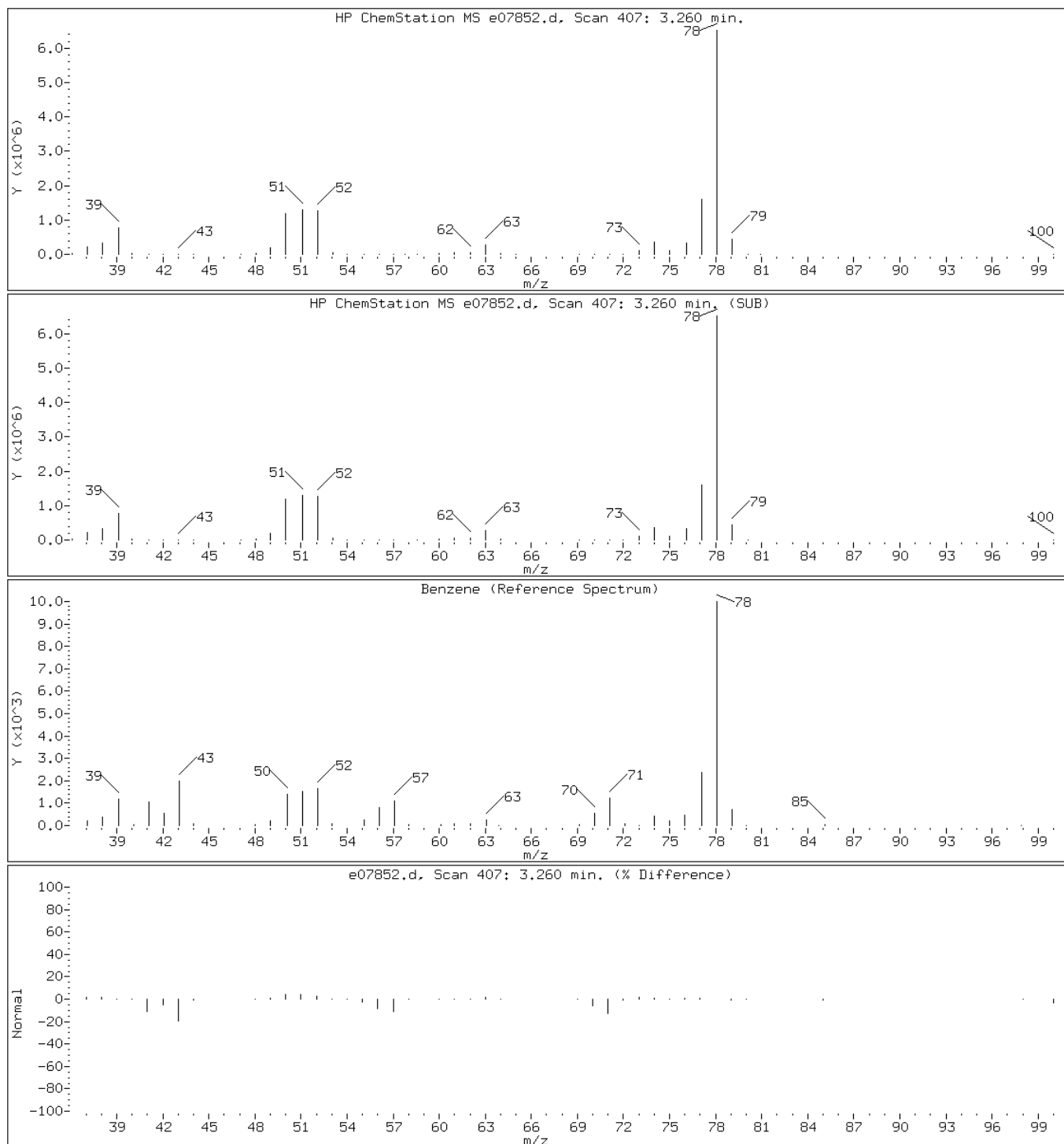
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07852.d

Date: 17-SEP-2012 11:34

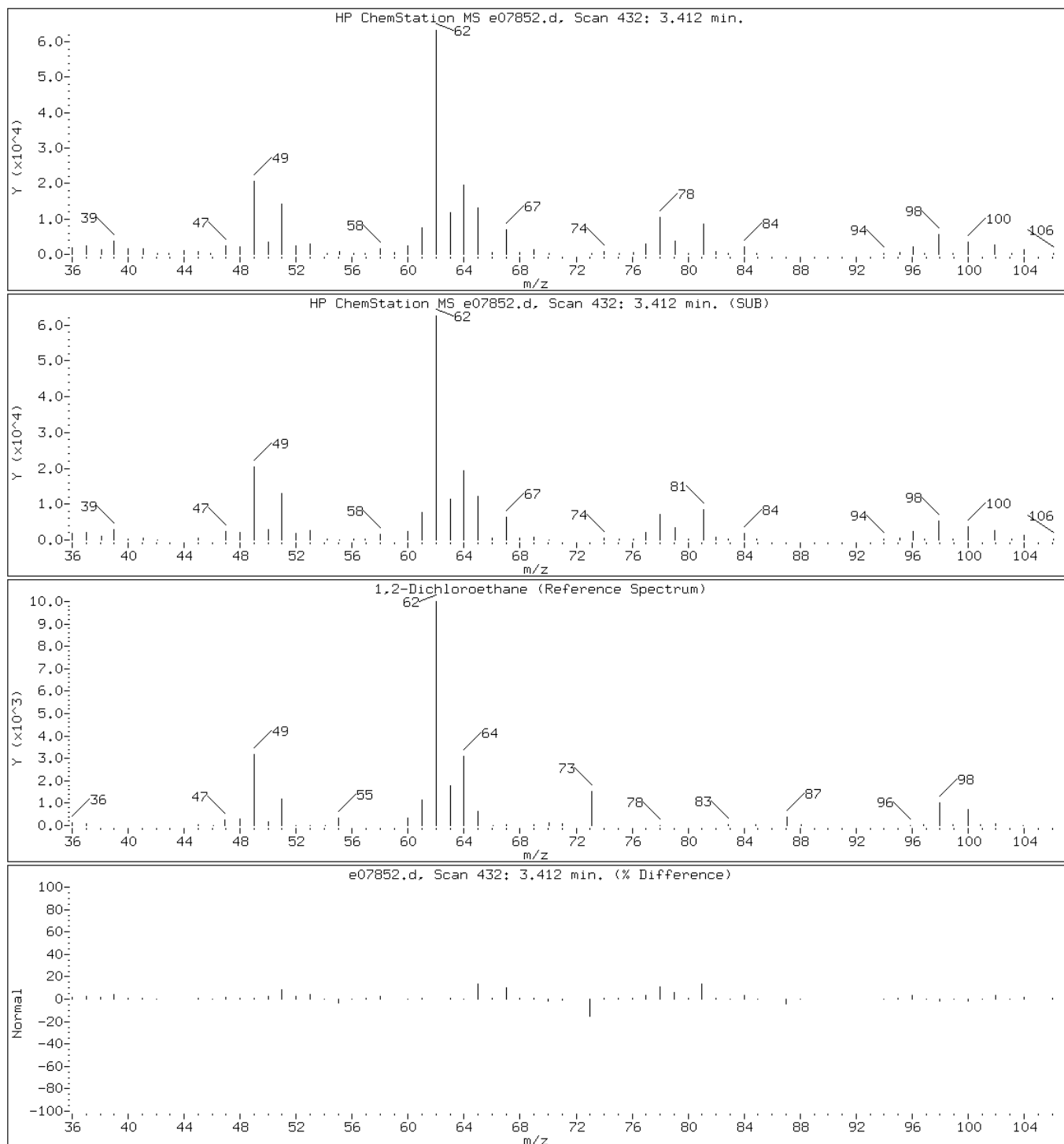
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07852.d

Date: 17-SEP-2012 11:34

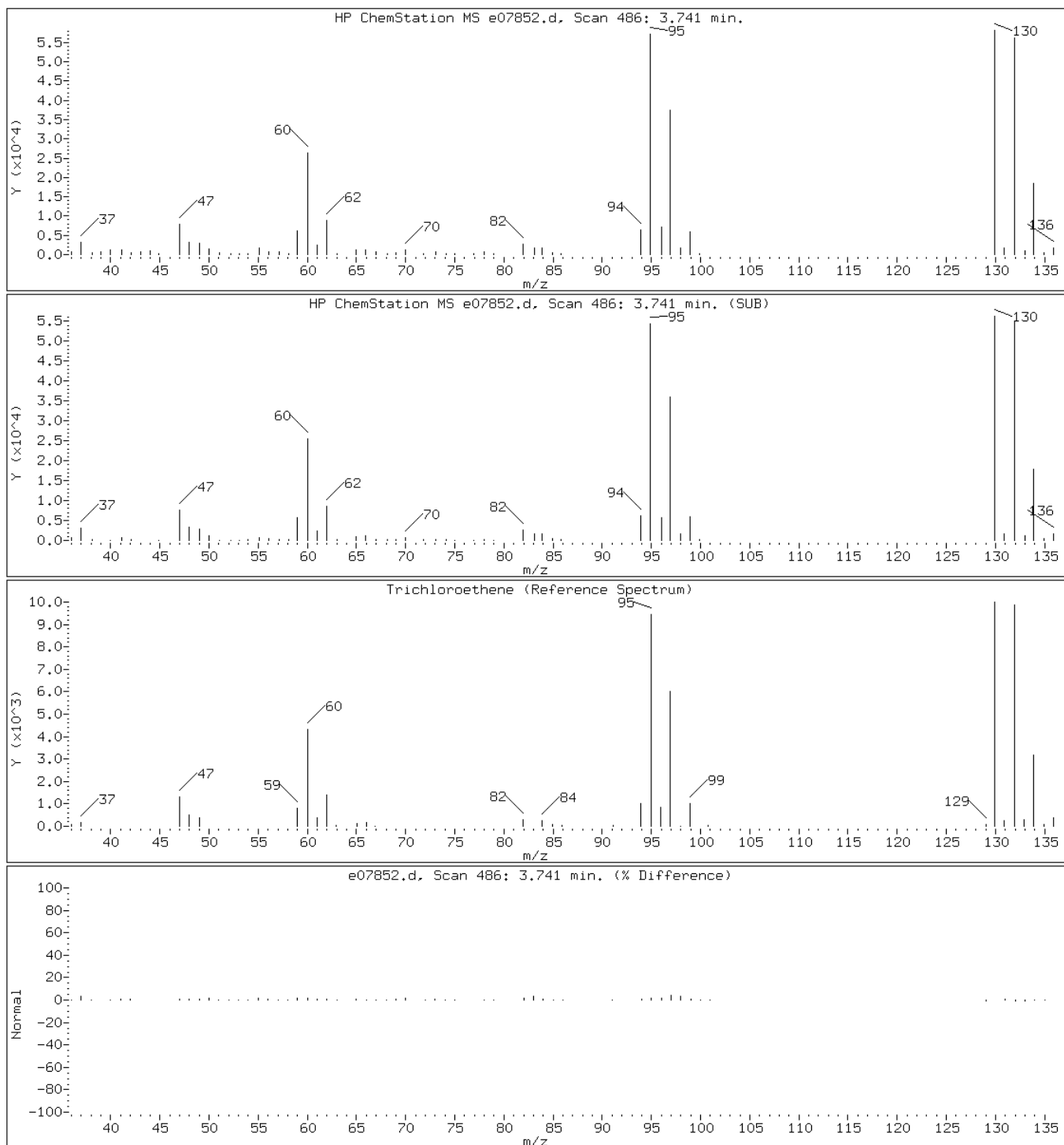
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Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07852.d

Date: 17-SEP-2012 11:34

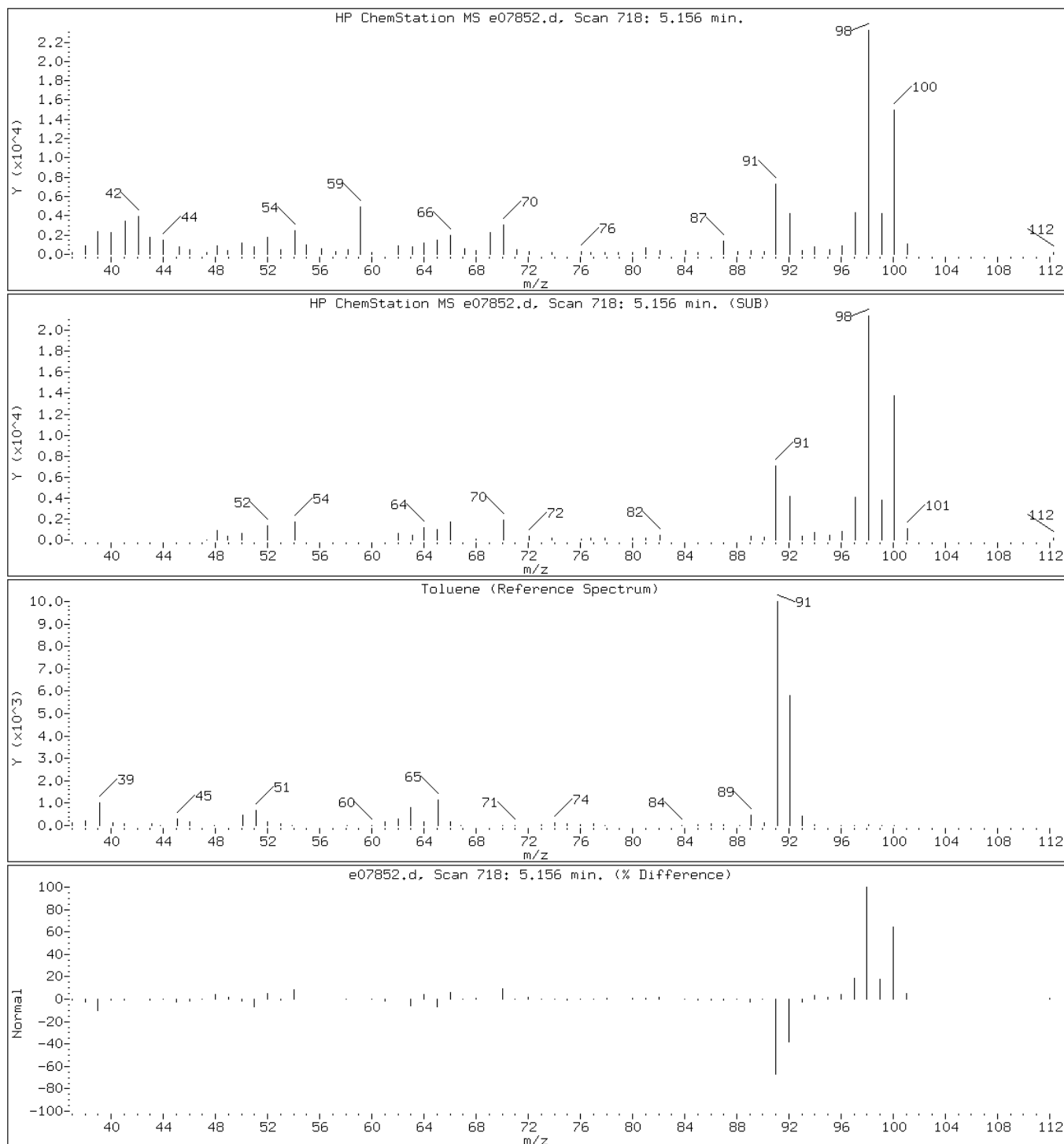
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07852.d

Date: 17-SEP-2012 11:34

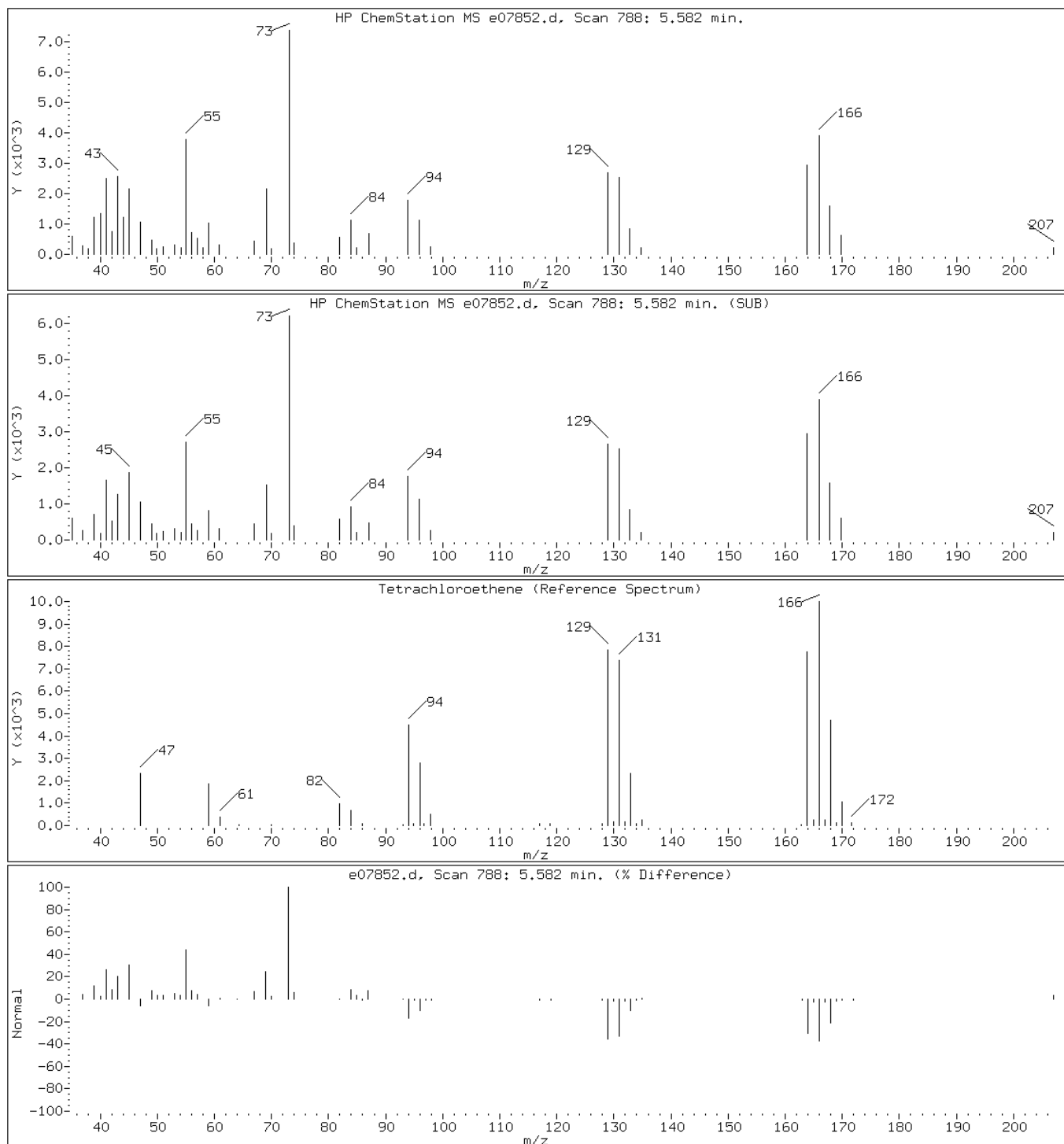
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07852.d

Date: 17-SEP-2012 11:34

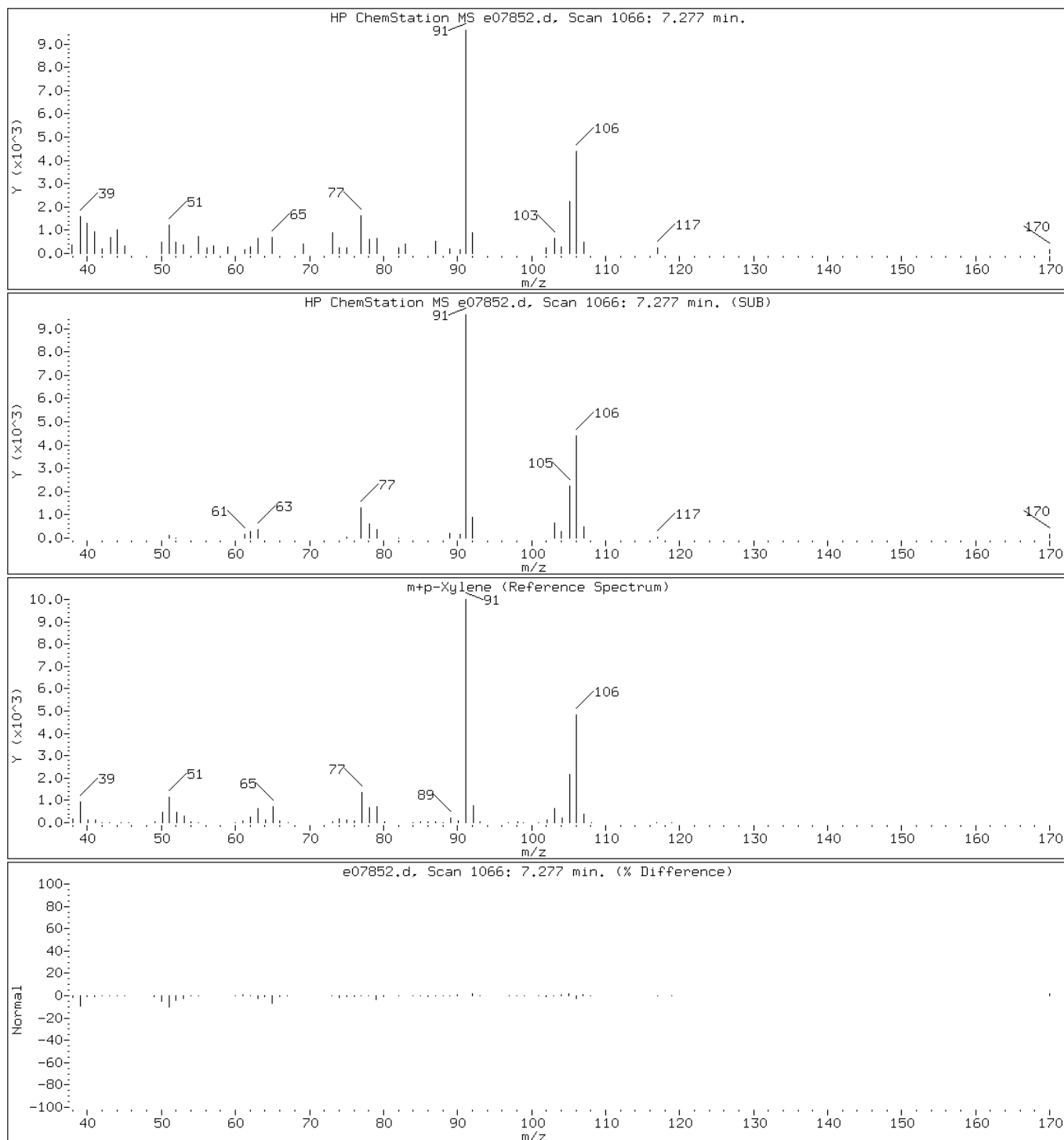
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07852.d

Date: 17-SEP-2012 11:34

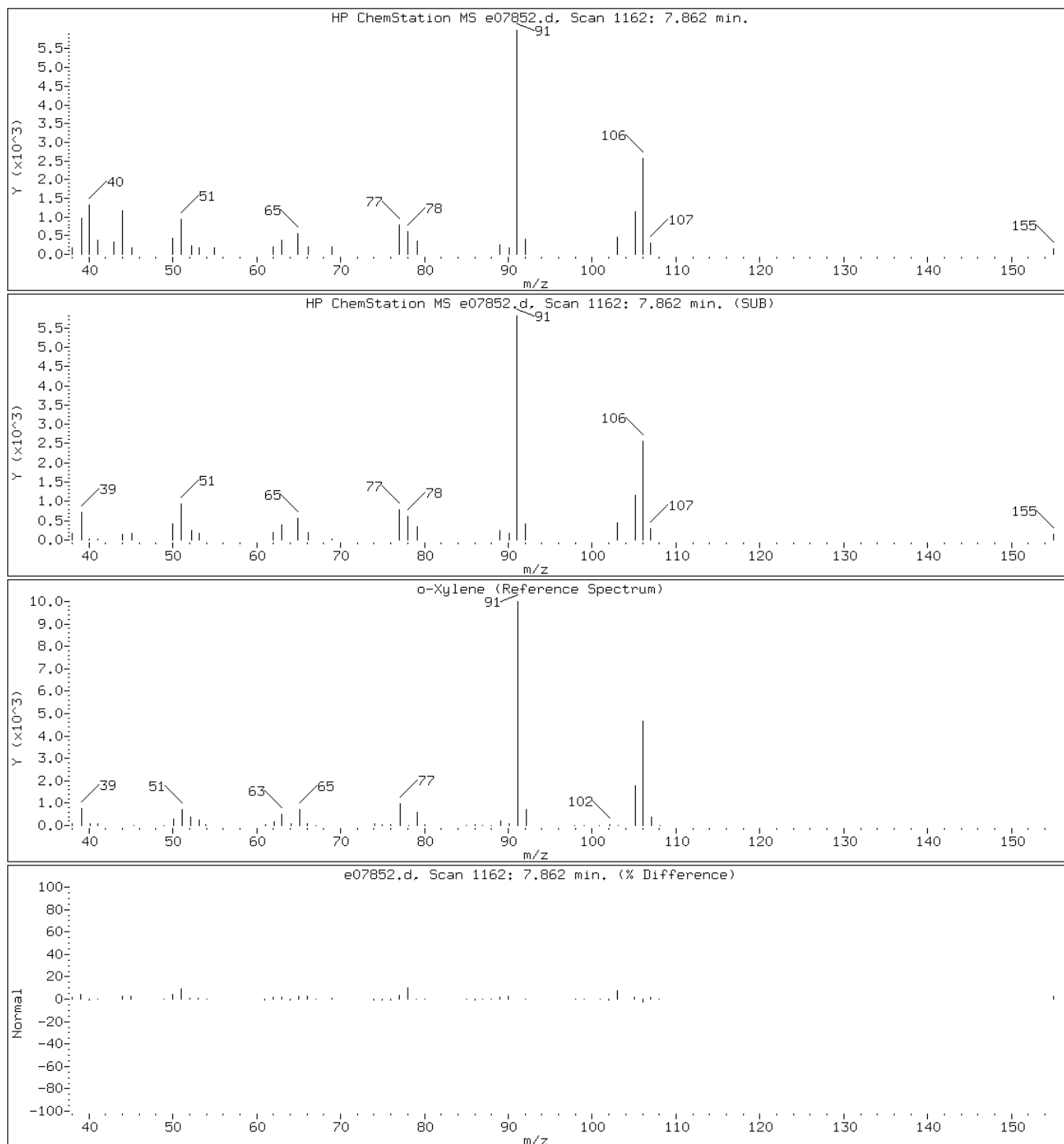
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07852.d

Date: 17-SEP-2012 11:34

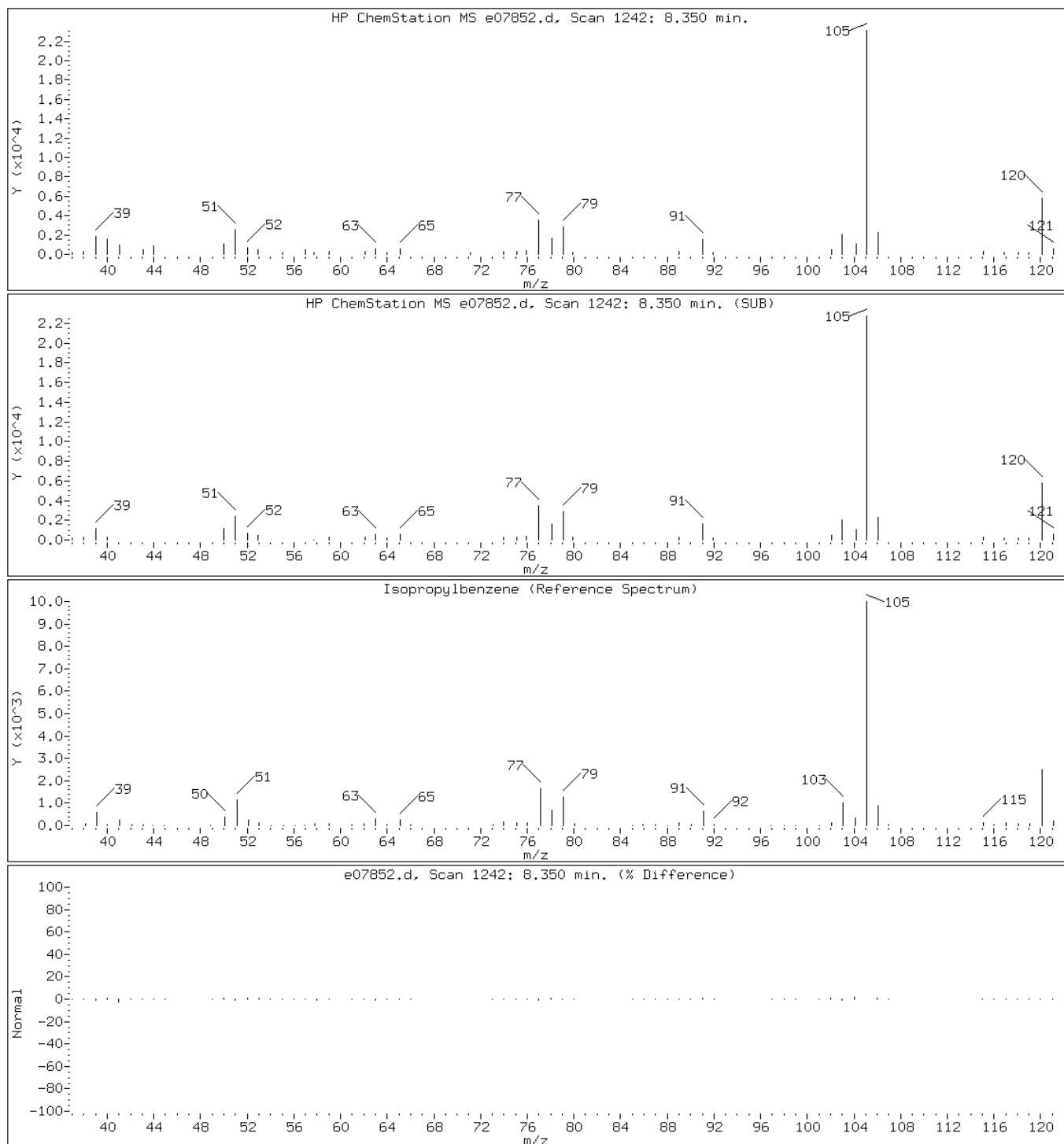
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

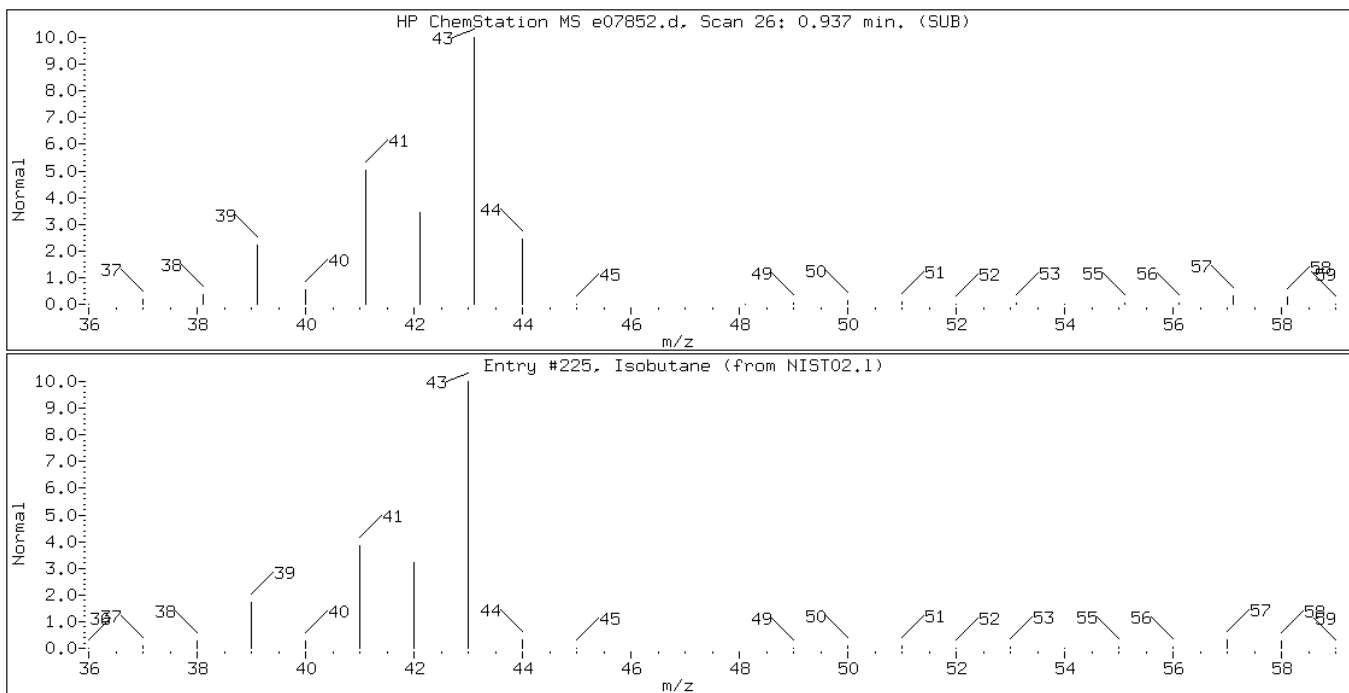
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 0.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Isobutane	75-28-5	NIST02.1	225	52	C4H10	58



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

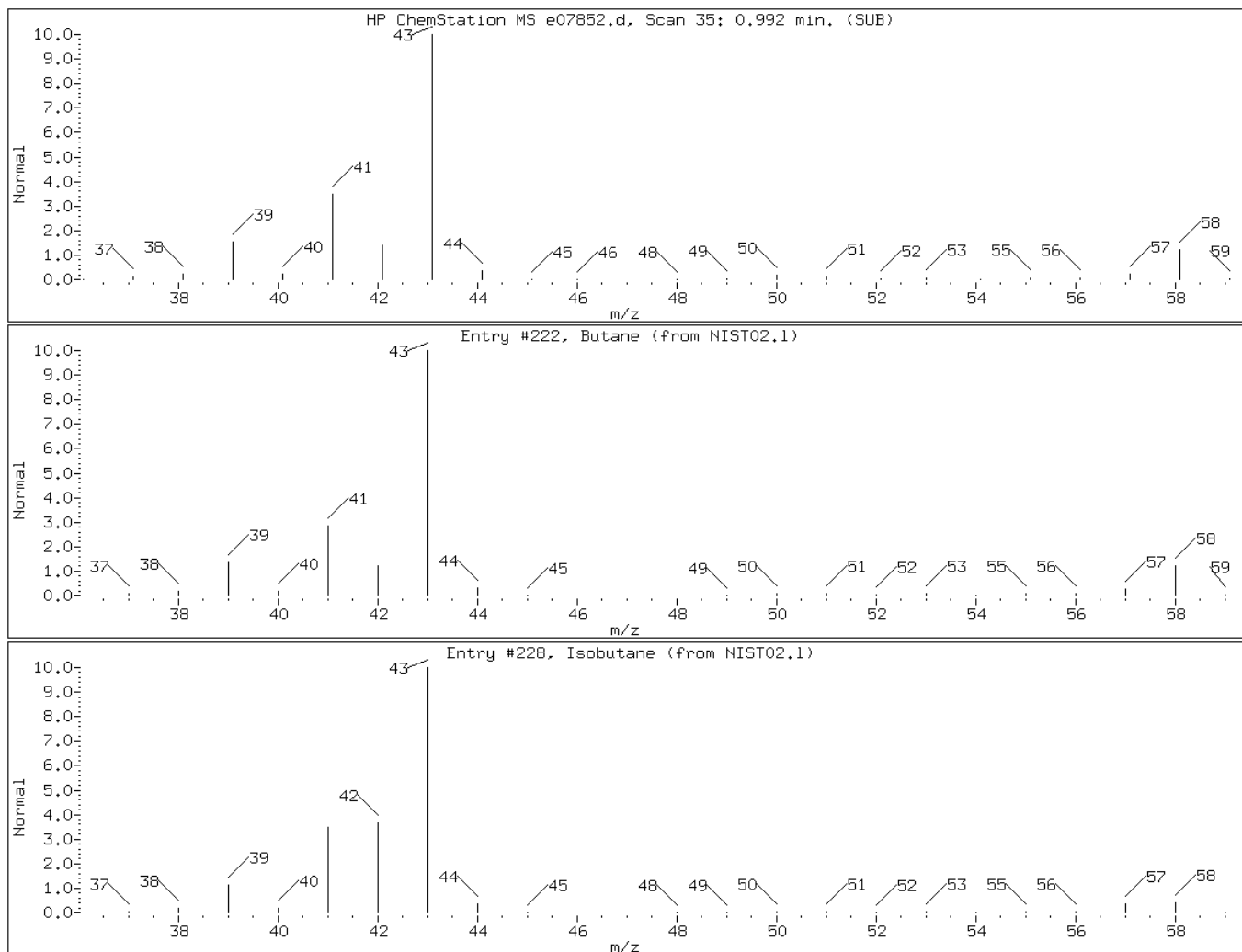
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 0.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane-1						
Butane	106-97-8	NIST02.1	222	80	C4H10	58
Isobutane	75-28-5	NIST02.1	228	40	C4H10	58



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

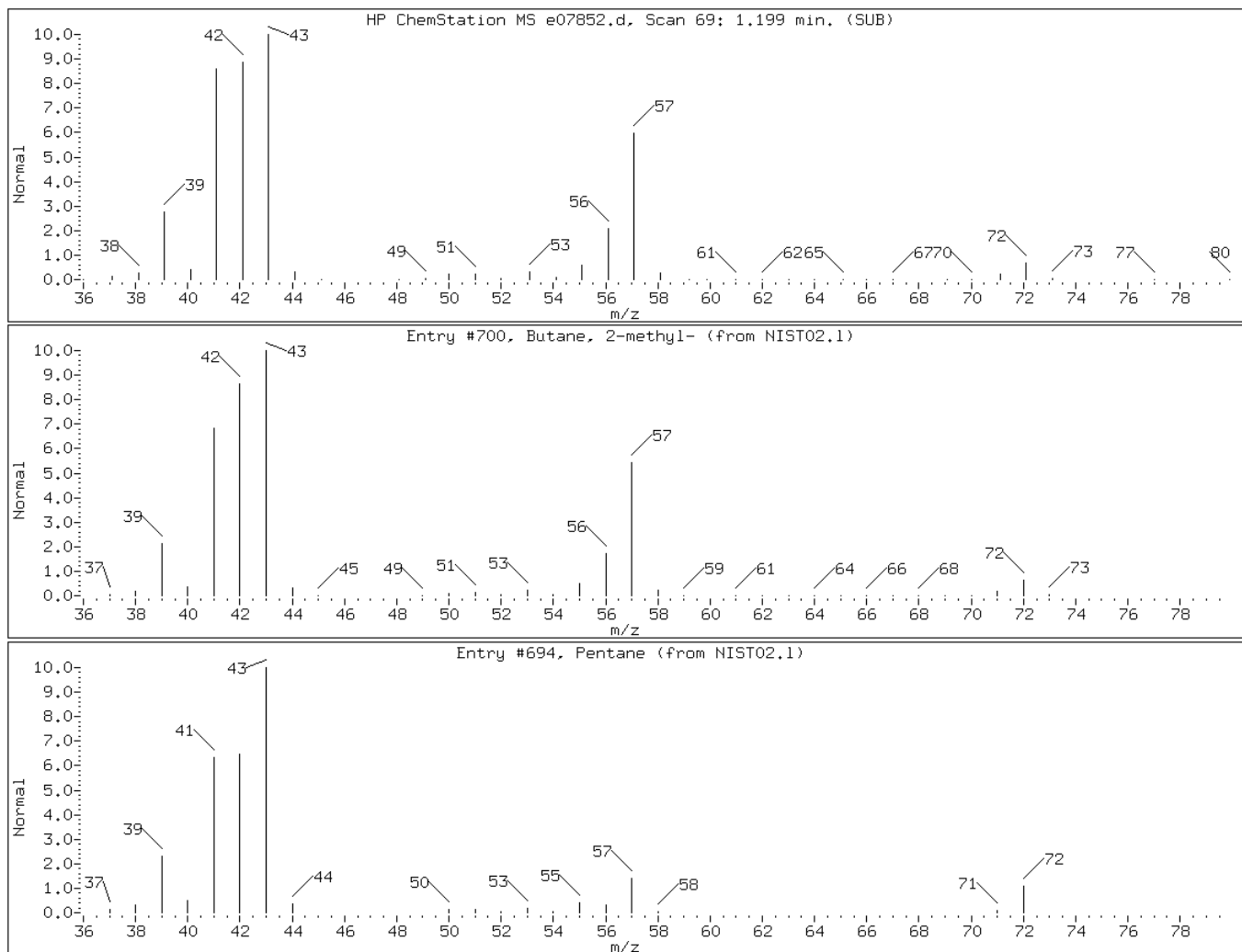
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	700	91	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

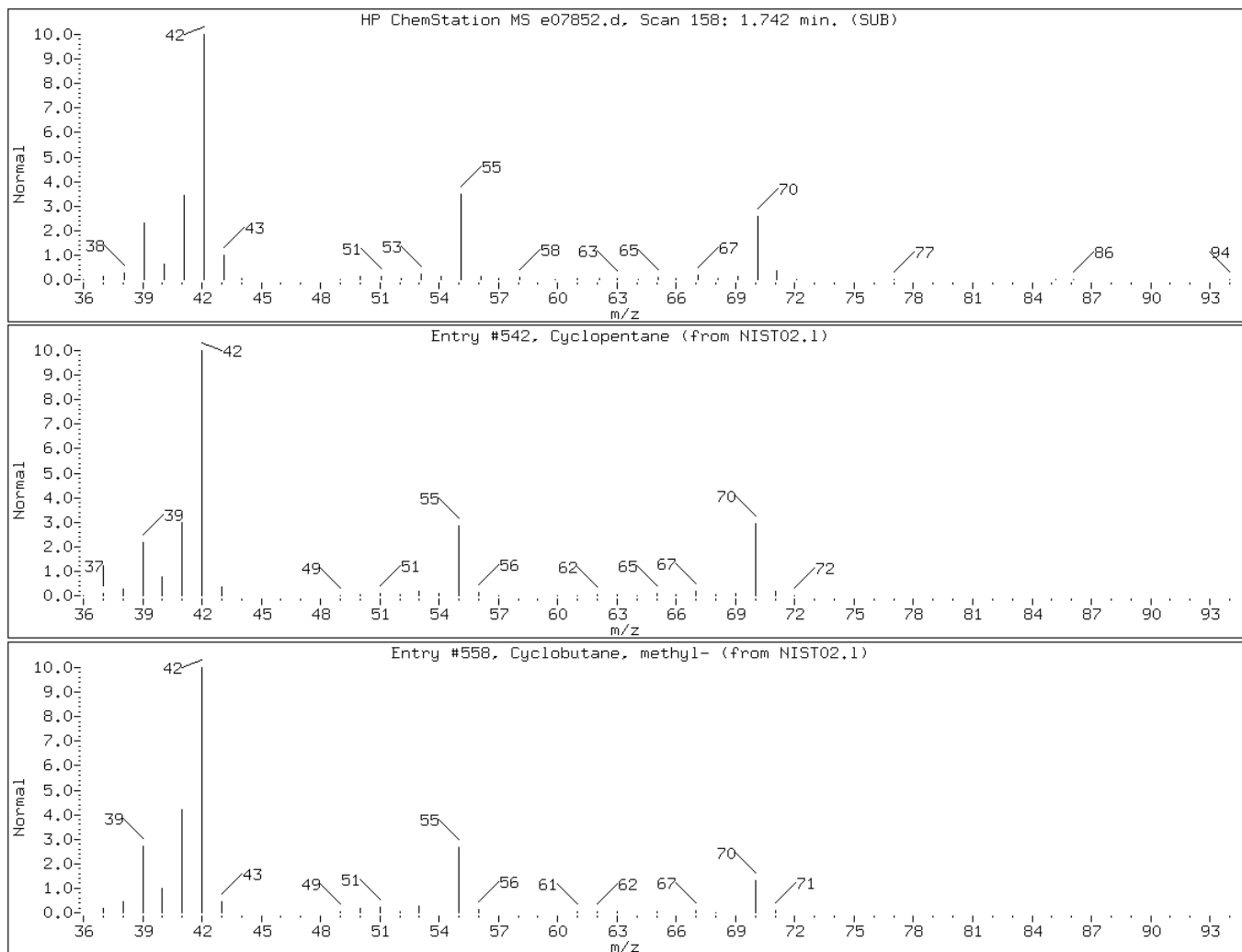
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	542	86	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	558	80	C5H10	70



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

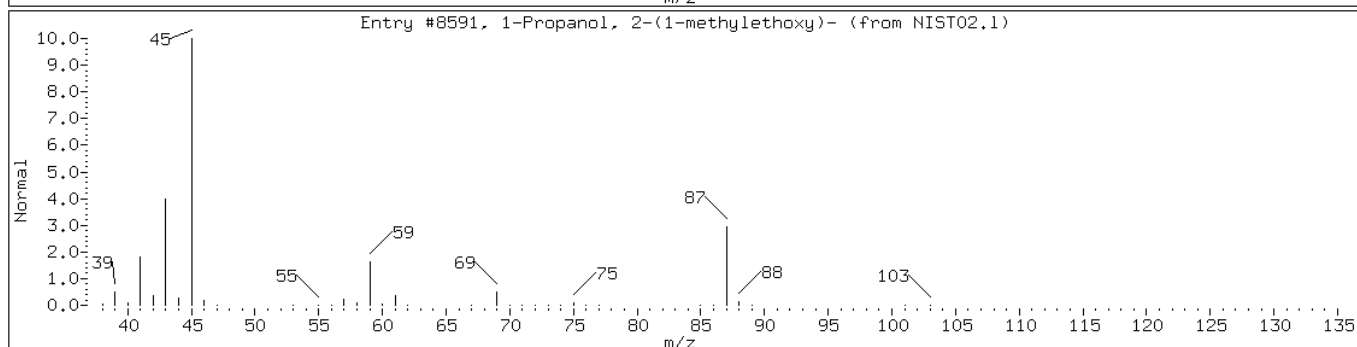
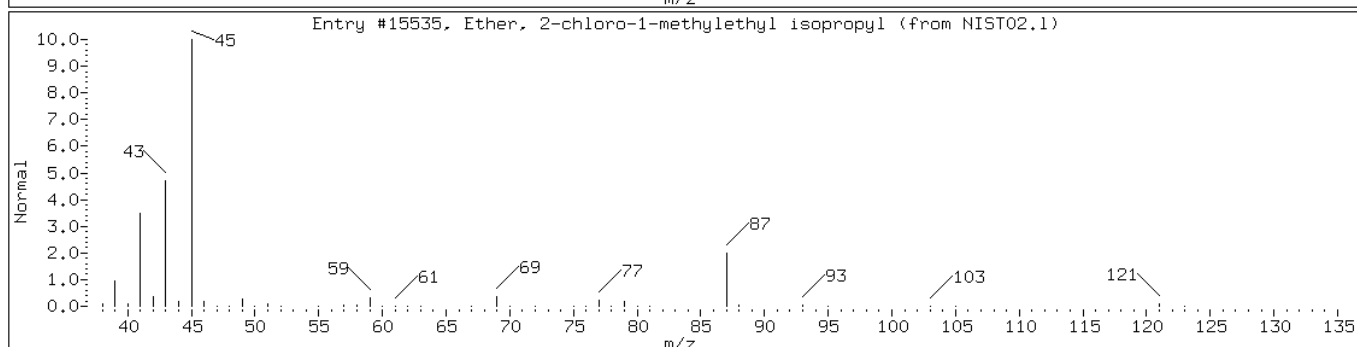
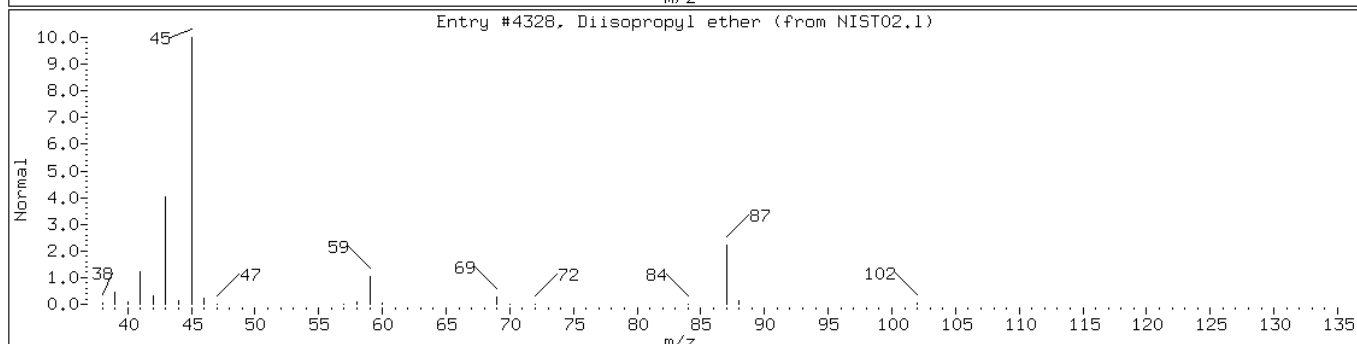
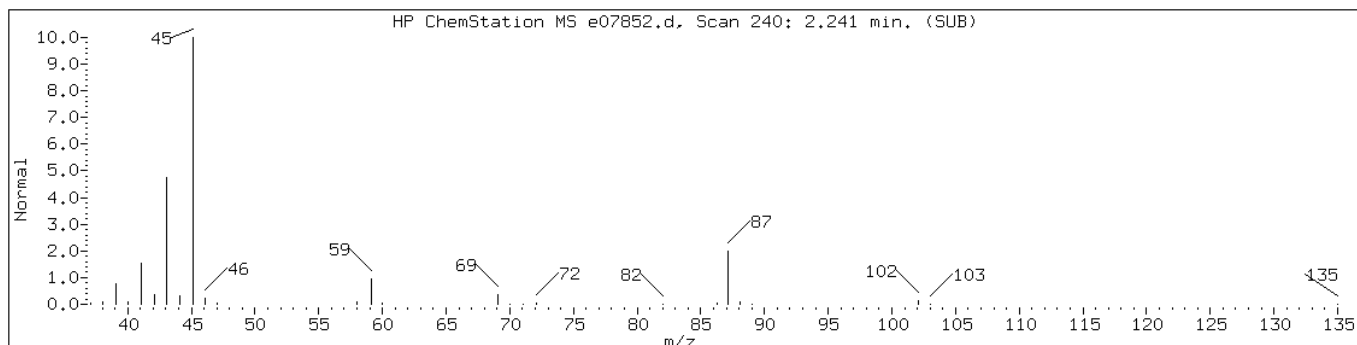
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 2.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.1	4328	83	C6H14O	102
Ether, 2-chloro-1-methylethyl isop	98277-76-0	NIST02.1	15535	78	C6H13ClO	136
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.1	8591	72	C6H14O2	118



Data File: e07852.d

Date: 17-SEP-2012 11:34

Client ID: WG-17338-091112-VAS

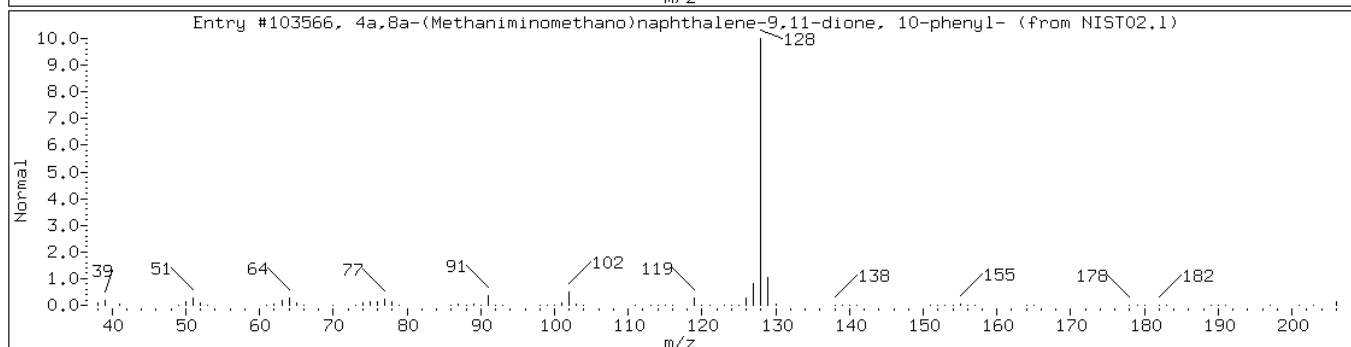
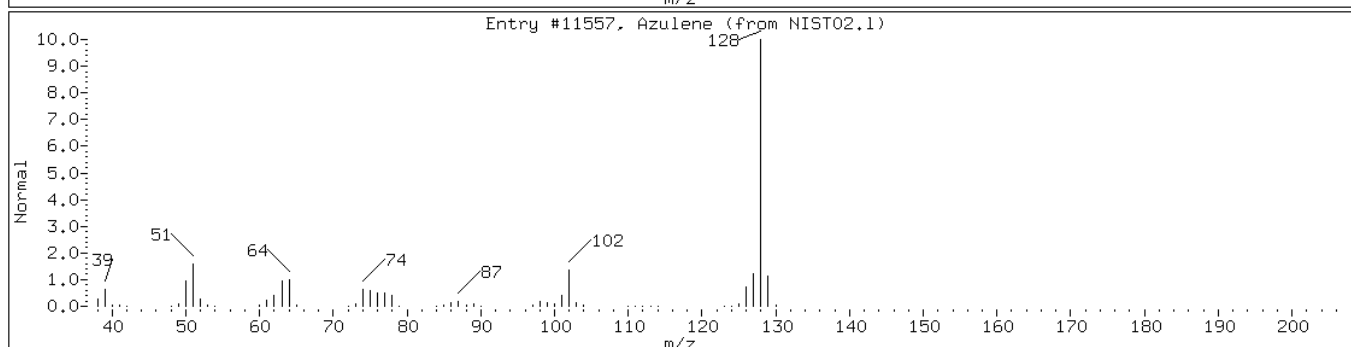
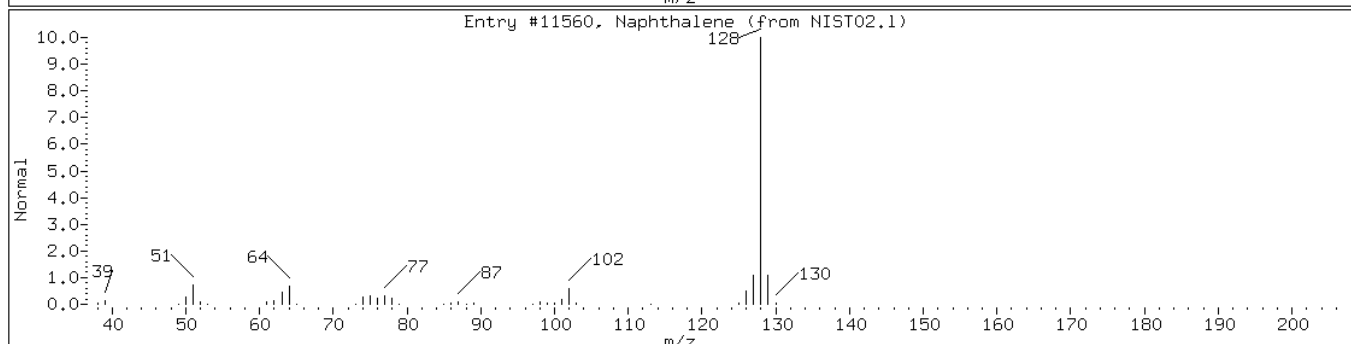
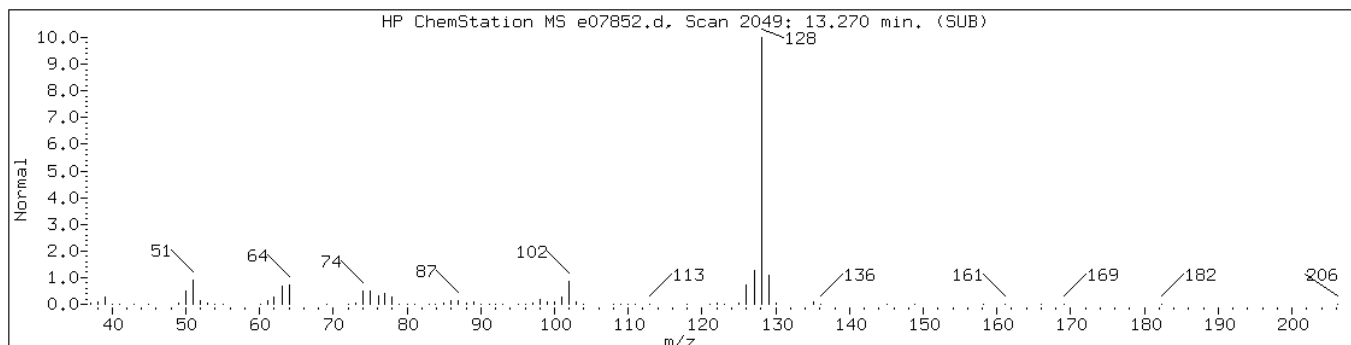
Instrument: VOAMS5.i

Sample Info: 460-44505-A-6

Operator: GC/MS VOAMS5

Retention Time: 13.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11560	95	C10H8	128
Azulene	275-51-4	NIST02.1	11557	94	C10H8	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	74	C18H13N02	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-7
 Matrix: Water Lab File ID: e07853.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:05
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.13	J	1.0	0.090
78-87-5	1,2-Dichloropropane	0.12	J	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.39	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.21	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.92	J	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	21		1.0	0.080
100-41-4	Ethylbenzene	0.12	J	1.0	0.10
110-82-7	Cyclohexane	7.8		1.0	0.16
56-23-5	Carbon tetrachloride	11		1.0	0.060
71-43-2	Benzene	360		1.0	0.080
107-06-2	1,2-Dichloroethane	9.4		1.0	0.19
79-01-6	Trichloroethene	8.8		1.0	0.090
108-87-2	Methylcyclohexane	1.1		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.37	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-7
 Matrix: Water Lab File ID: e07853.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:05
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.68	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.87	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	1.3		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-7
Matrix: Water Lab File ID: e07853.d
Analysis Method: 8260B Date Collected: 09/11/2012 14:05
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:57
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 7 TIC Result Total: 214.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	0.94	8.5	J
	C4H10 Alkane-1	1.00	98	J
	C5H12 Alkane	1.20	57	J
	C5H10 Cycloalkane	1.75	21	J
108-20-3	Diisopropyl ether	2.24	13	J N
	Unknown Alcohol	7.34	5.8	J
91-20-3	Naphthalene	13.28	11	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07853.d
 Report Date: 17-Sep-2012 16:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07853.d
 Lab Smp Id: 460-44505-A-7 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 11:57
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-7
 Misc Info : 460-44505-A-7
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 19
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
15 1,1-Dichloroethene	96	1.559	1.547	(0.434)	992		0.13107	0.13(a)
28 MTBE	73	2.016	2.022	(0.561)	13091		0.38702	0.39(a)
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	4994		0.20890	0.21(a)
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	10968		0.91537	0.92(a)
42 Chloroform	83	2.839	2.845	(0.790)	418666		21.2638	21
44 Cyclohexane	56	2.784	2.790	(0.774)	153538		7.79769	7.8
45 Carbon Tetrachloride	117	2.930	2.936	(0.815)	148425		10.8759	11
48 Benzene	78	3.260	3.260	(0.469)	17078031		361.509	360
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.369	(0.936)	665359		52.9381	53
49 1,2-Dichloroethane	62	3.412	3.424	(0.949)	151420		9.41279	9.4
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2442766		50.0000	
54 Trichloroethene	95	3.741	3.753	(1.041)	104321		8.84550	8.8
56 Methyl cyclohexane	83	3.729	3.741	(1.037)	17531		1.09177	1.1(H)
57 1,2-Dichloropropane	63	4.192	4.205	(1.166)	1694		0.12365	0.12(a)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2223442		50.5679	50
66 Toluene	91	5.162	5.168	(0.742)	19953		0.37323	0.37(a)

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07853.d
 Report Date: 17-Sep-2012 16:21

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	5.582	5.594	(0.803)	8582	0.67905	0.68(a)
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1875780	50.0000	
81 Ethylbenzene	106	7.064	7.094	(1.016)	2173	0.11695	0.12(a)
82 m+p-Xylene	106	7.277	7.308	(1.046)	11455	0.48486	0.48(a)
84 o-Xylene	106	7.856	7.887	(1.130)	8897	0.38614	0.39(a)
88 Isopropylbenzene	105	8.344	8.368	(1.200)	75598	1.29124	1.3
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	809473	49.5731	50
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.496	(1.000)	1009738	50.0000	
M 120 1,2-Dichloroethene (Total)	100				10968	0.91537	0.92(a)
M 121 Xylene (Total)	100				20352	0.87101	0.87(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: e07853.d

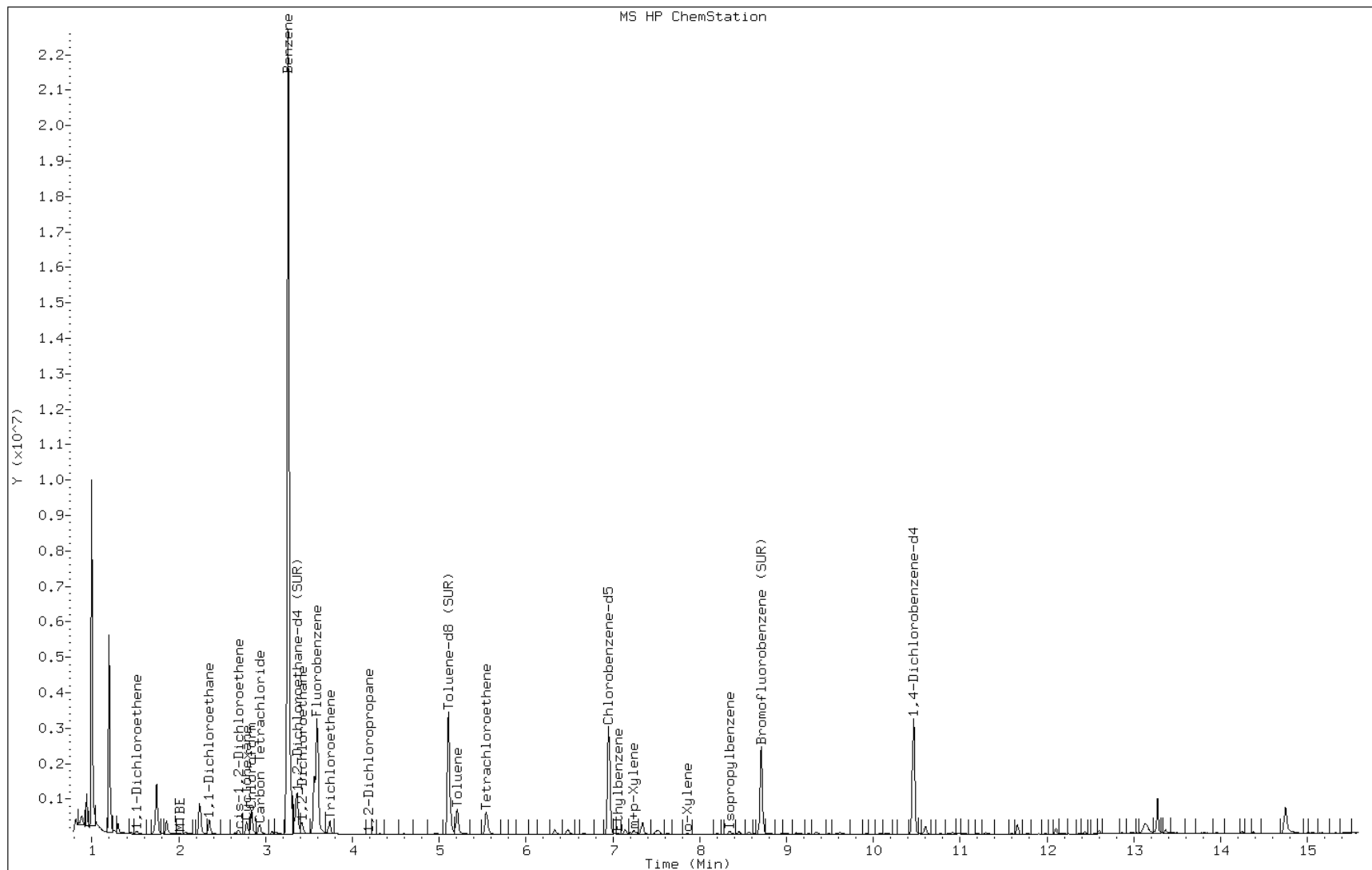
Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5



Data File: e07853.d

Date: 17-SEP-2012 11:57

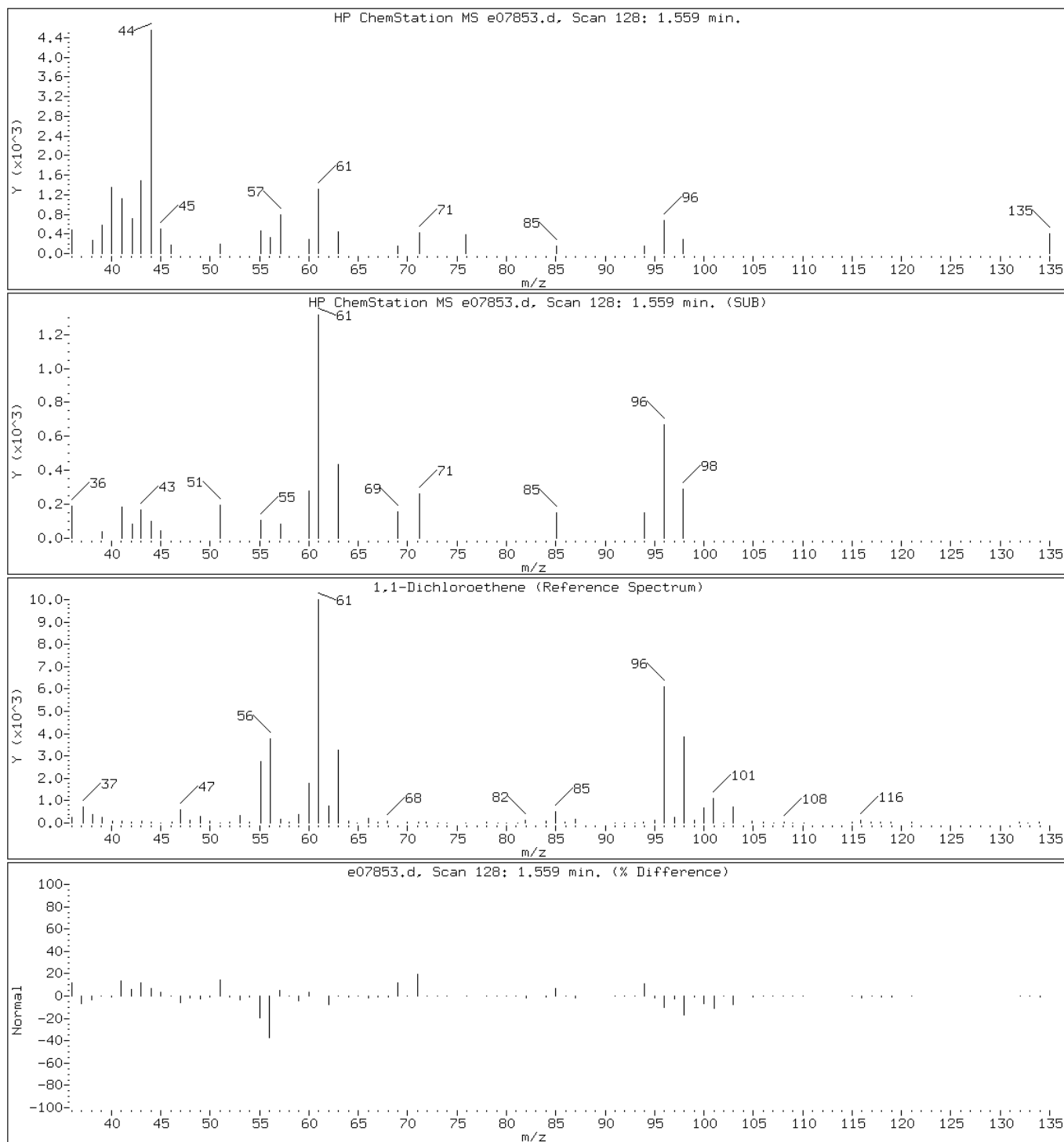
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

15 1,1-Dichloroethene



Data File: e07853.d

Date: 17-SEP-2012 11:57

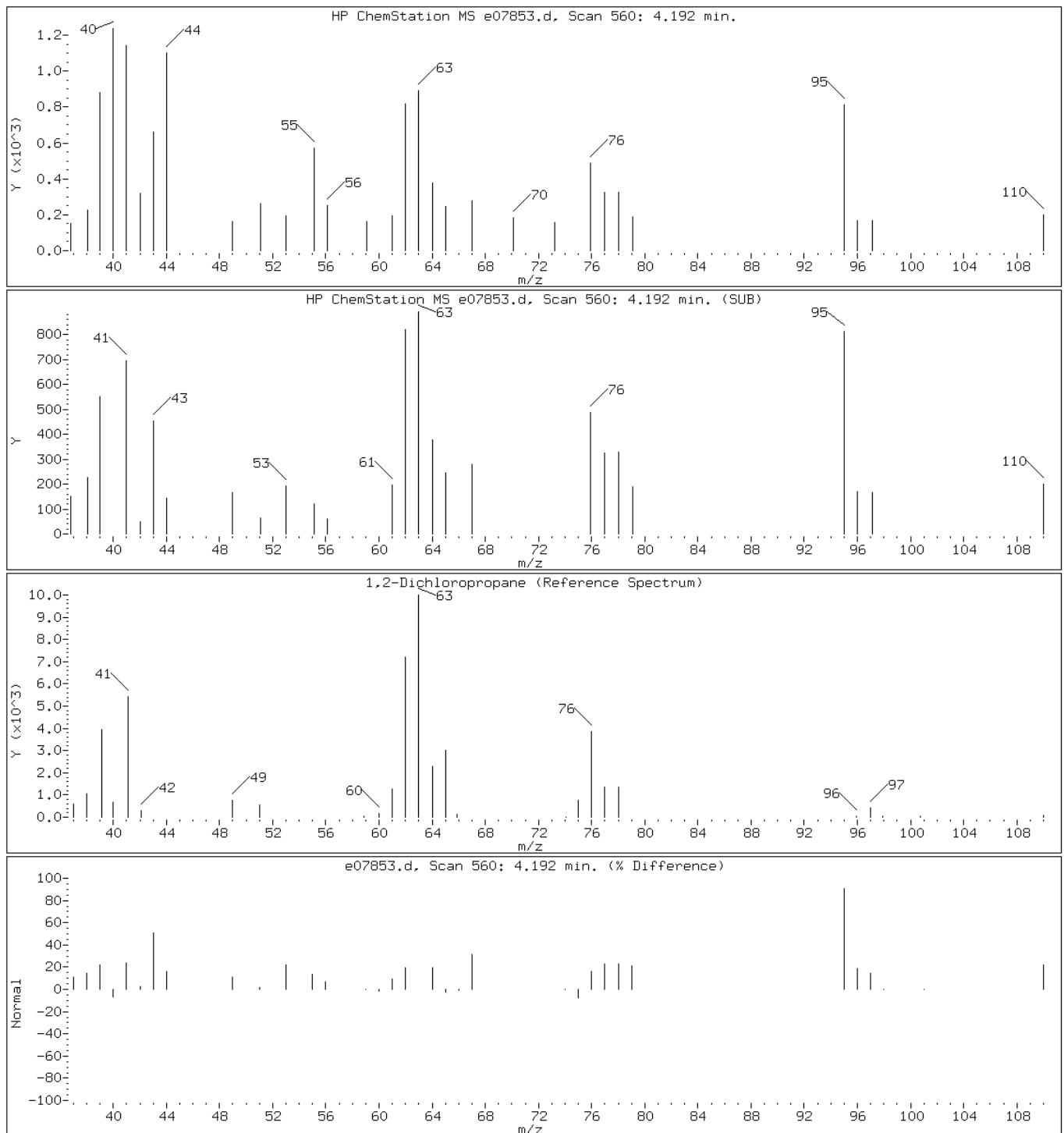
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

57 1,2-Dichloropropane



Data File: e07853.d

Date: 17-SEP-2012 11:57

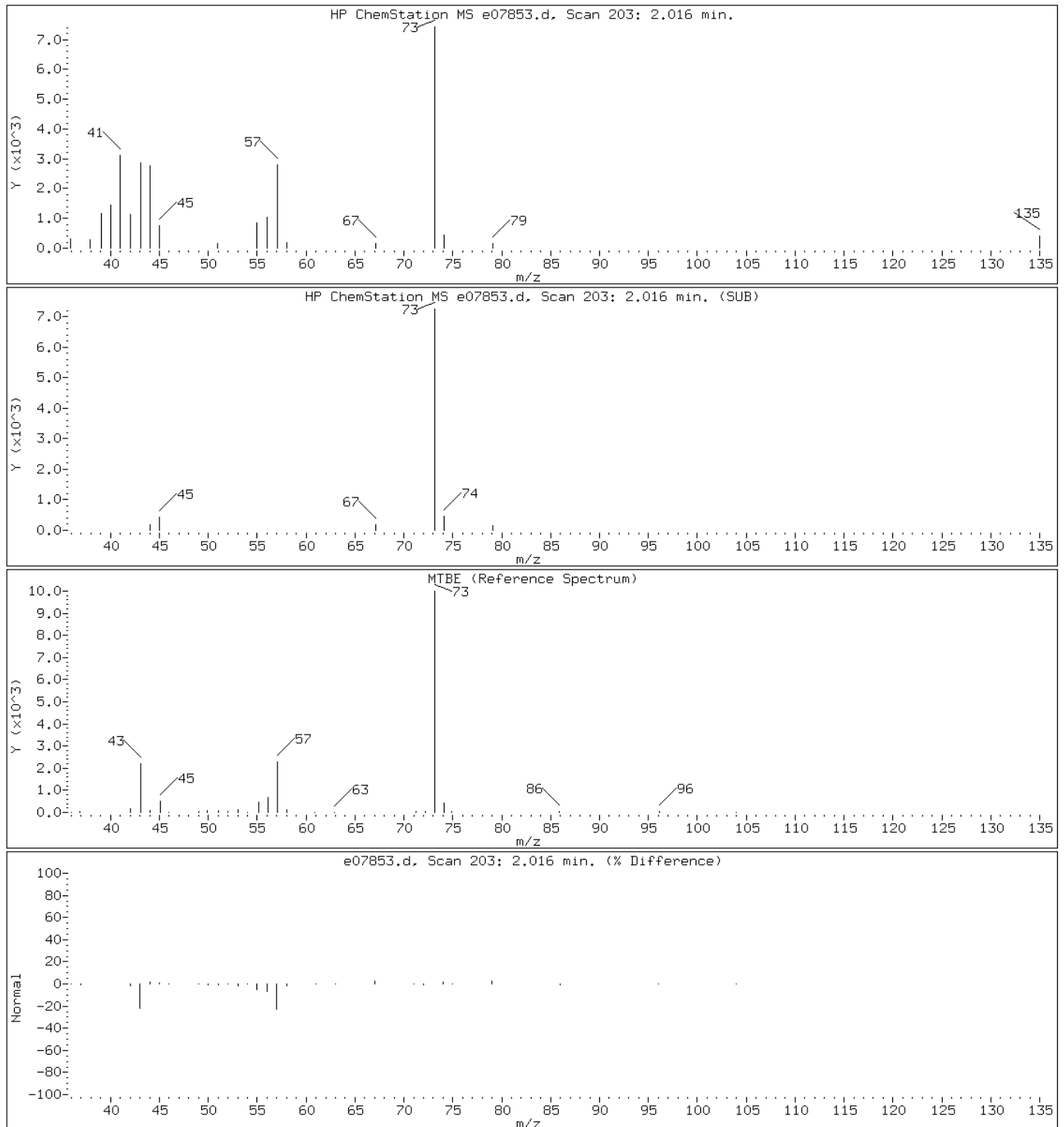
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07853.d

Date: 17-SEP-2012 11:57

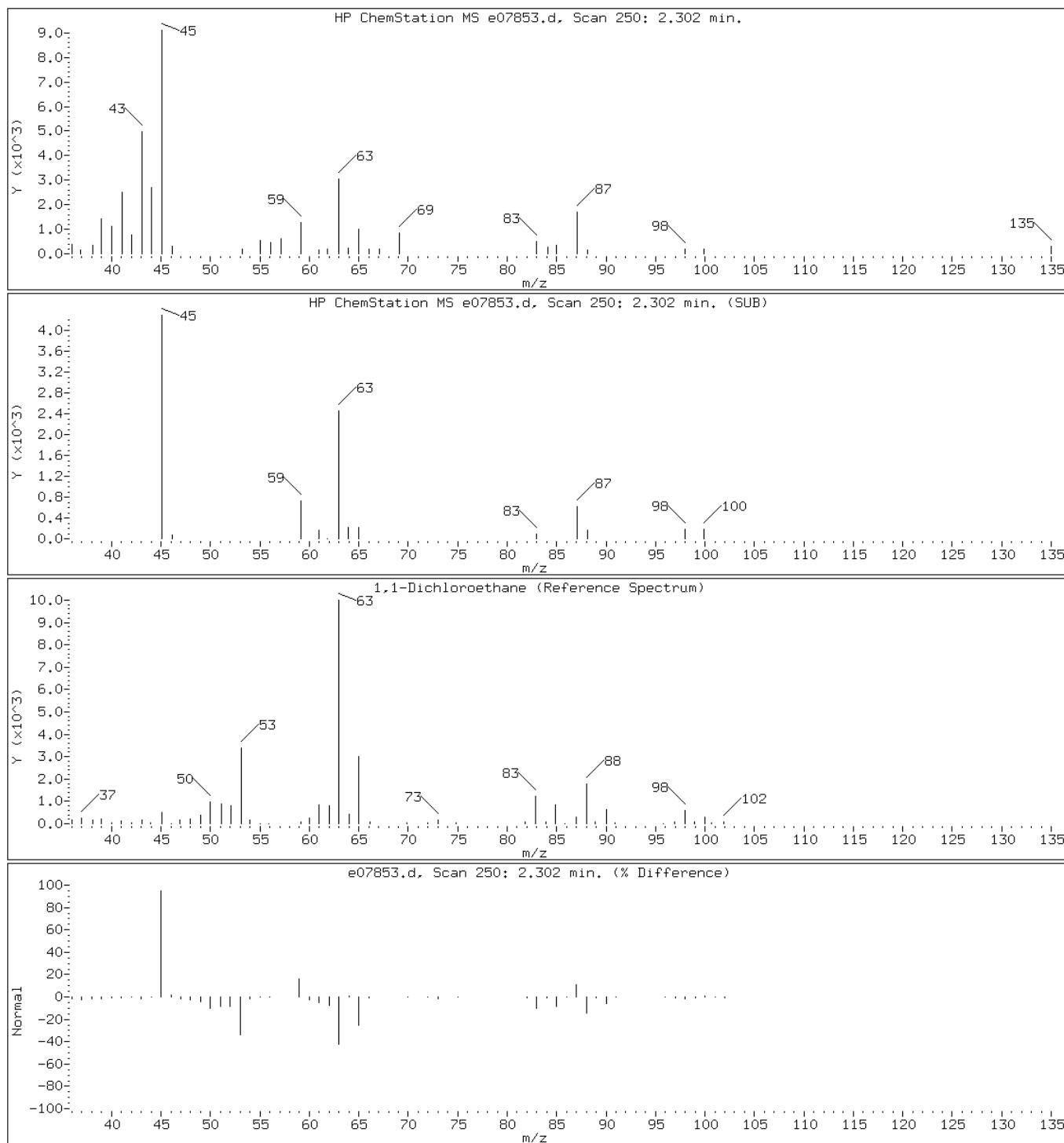
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

30 1,1-Dichloroethane



Data File: e07853.d

Date: 17-SEP-2012 11:57

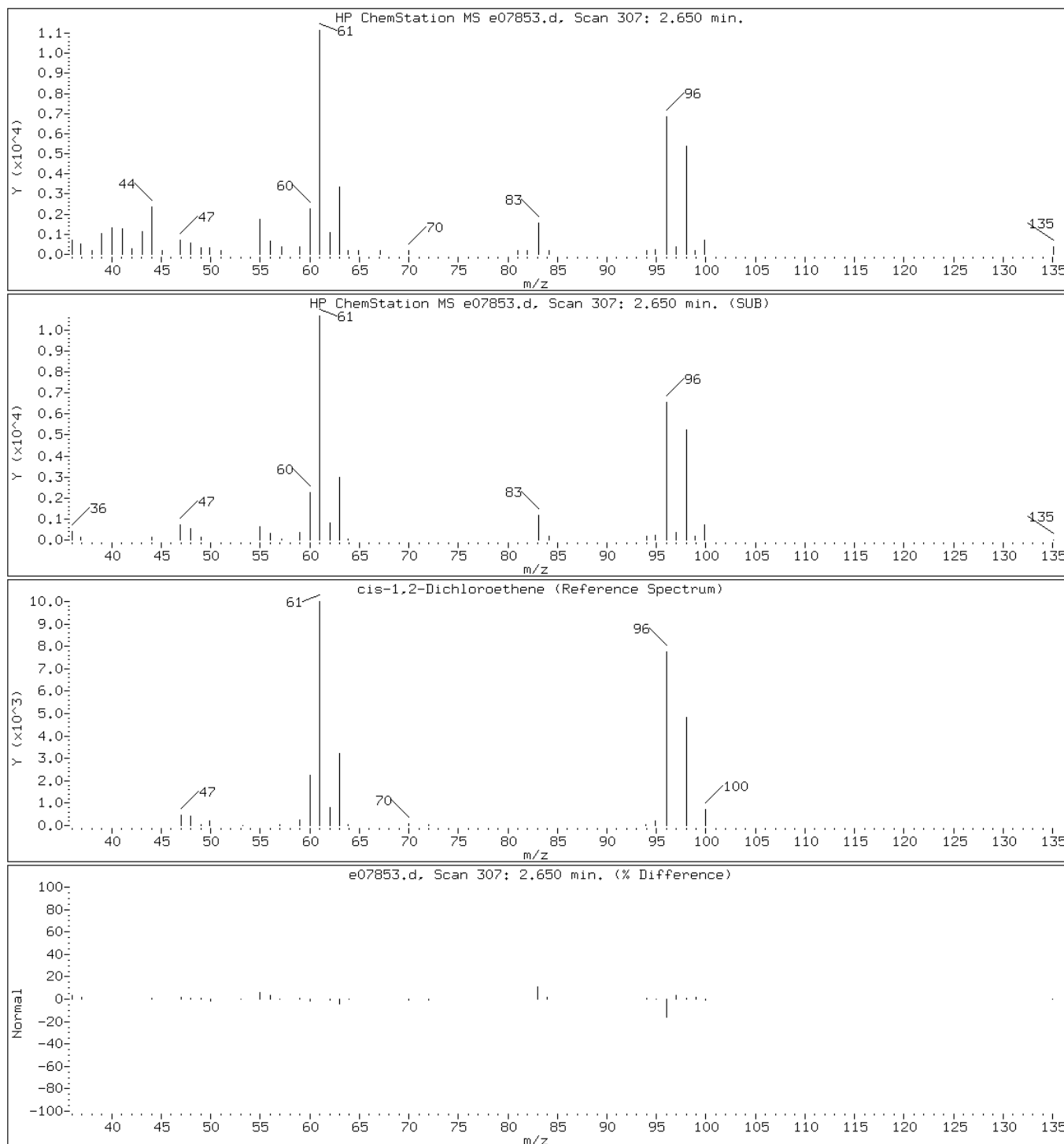
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e07853.d

Date: 17-SEP-2012 11:57

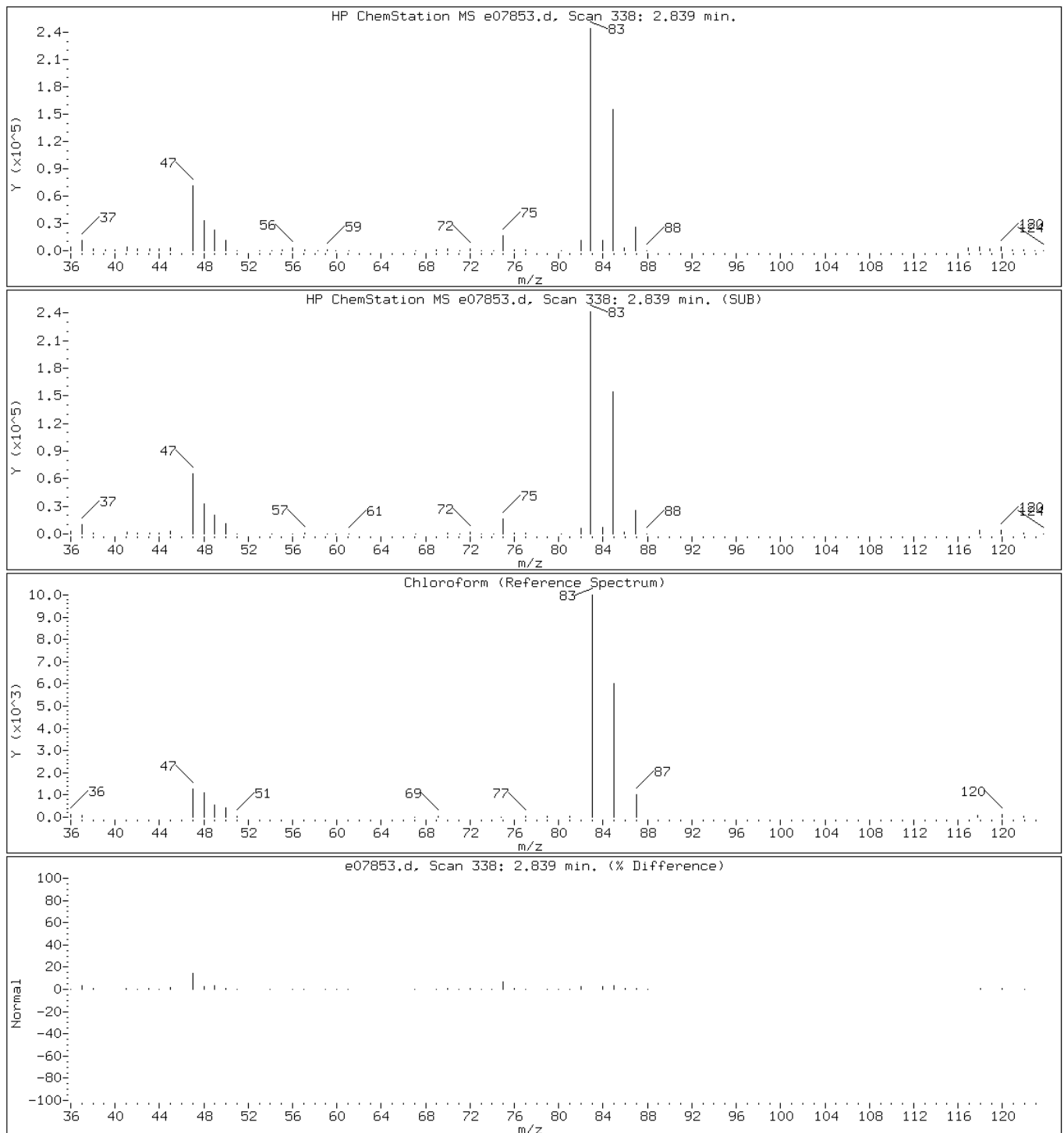
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

42 Chloroform



Data File: e07853.d

Date: 17-SEP-2012 11:57

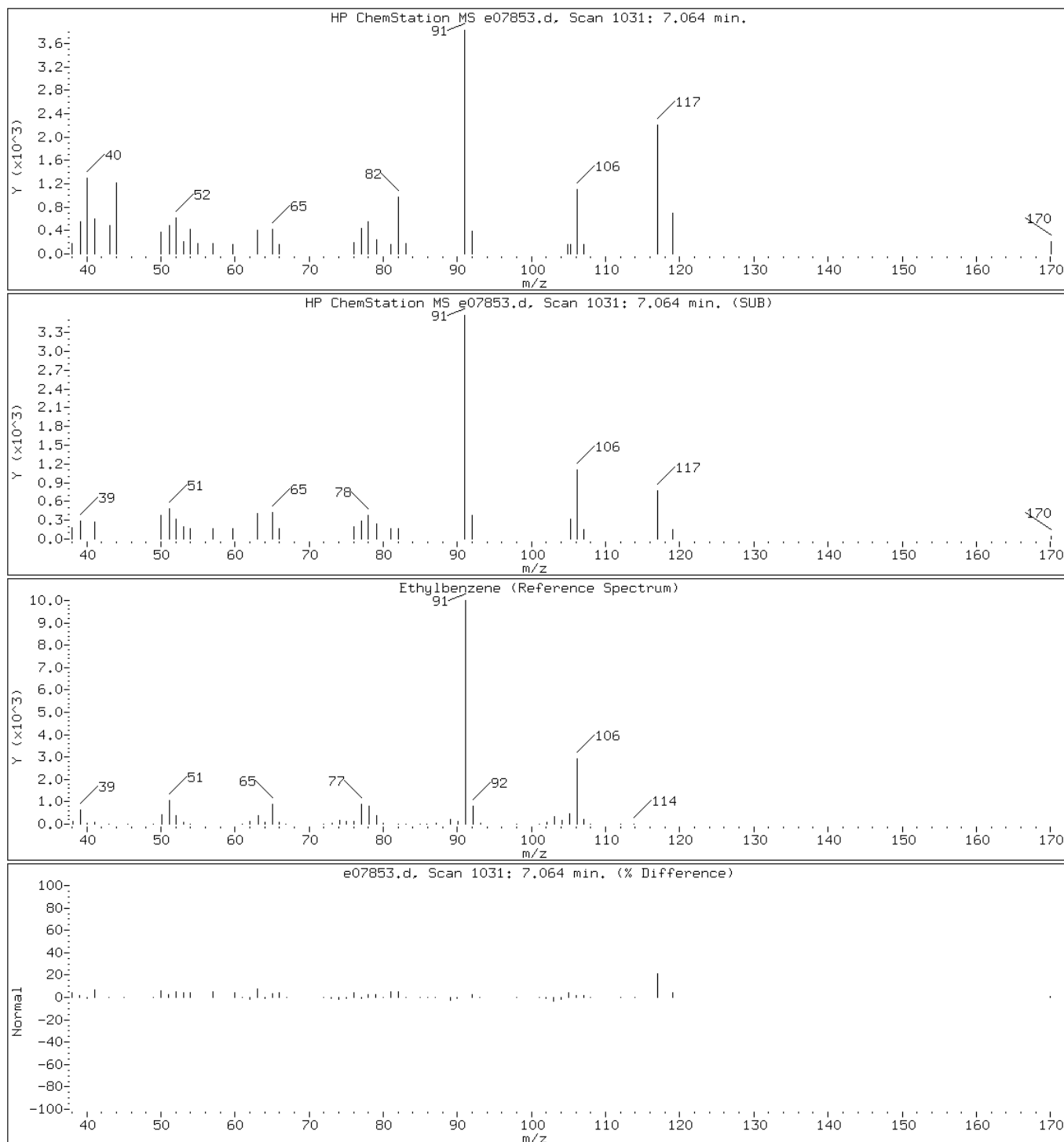
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07853.d

Date: 17-SEP-2012 11:57

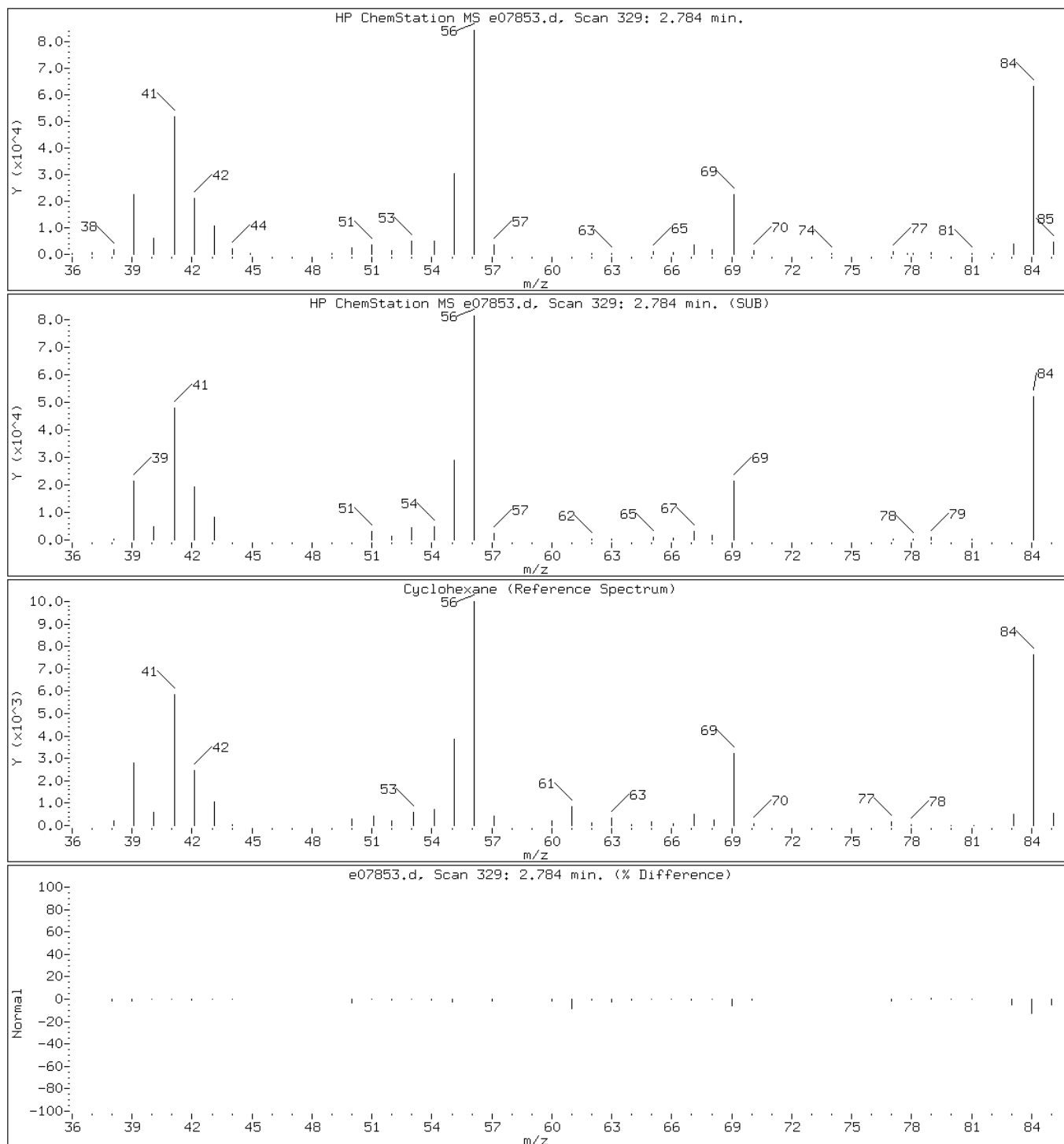
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07853.d

Date: 17-SEP-2012 11:57

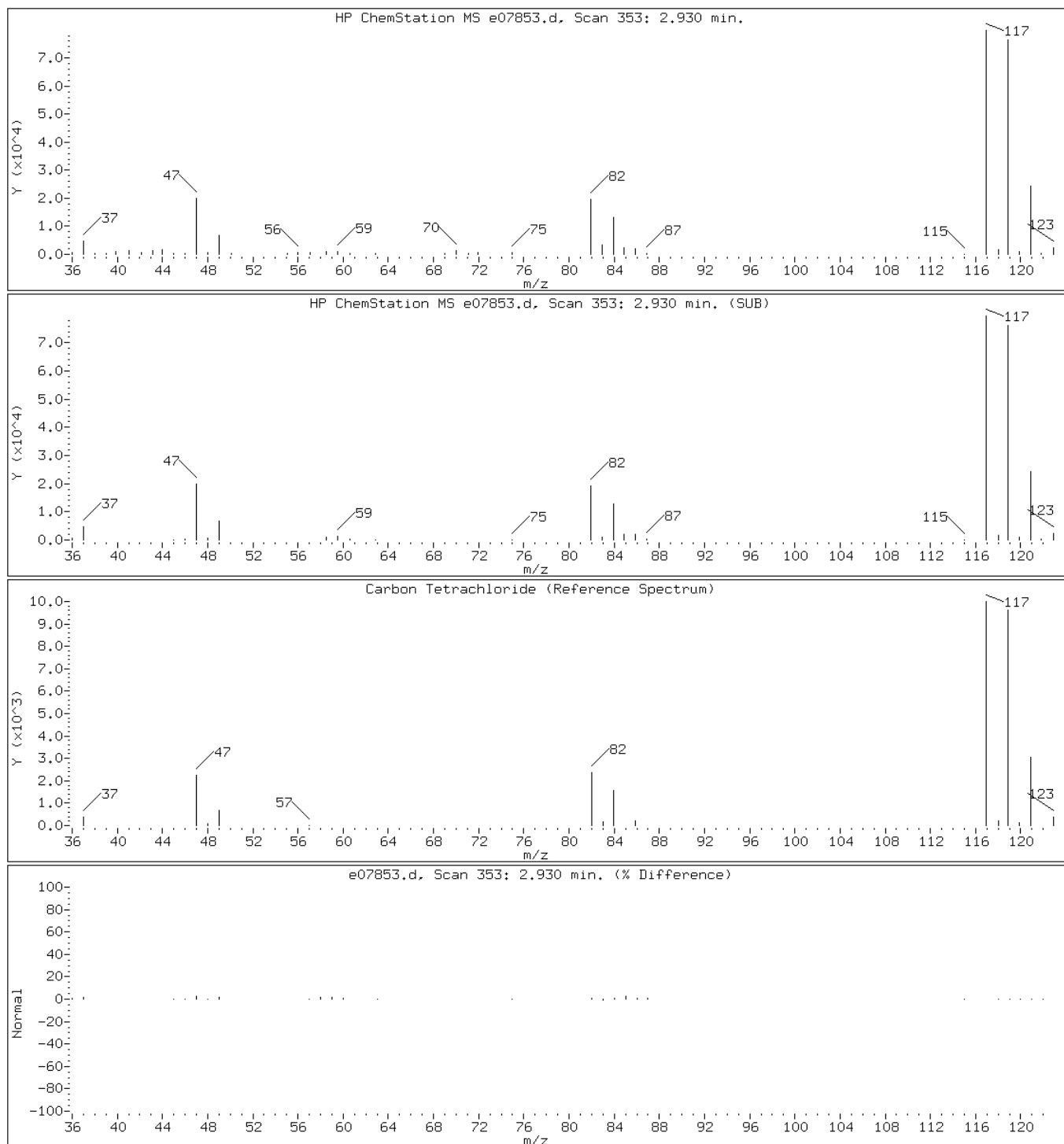
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07853.d

Date: 17-SEP-2012 11:57

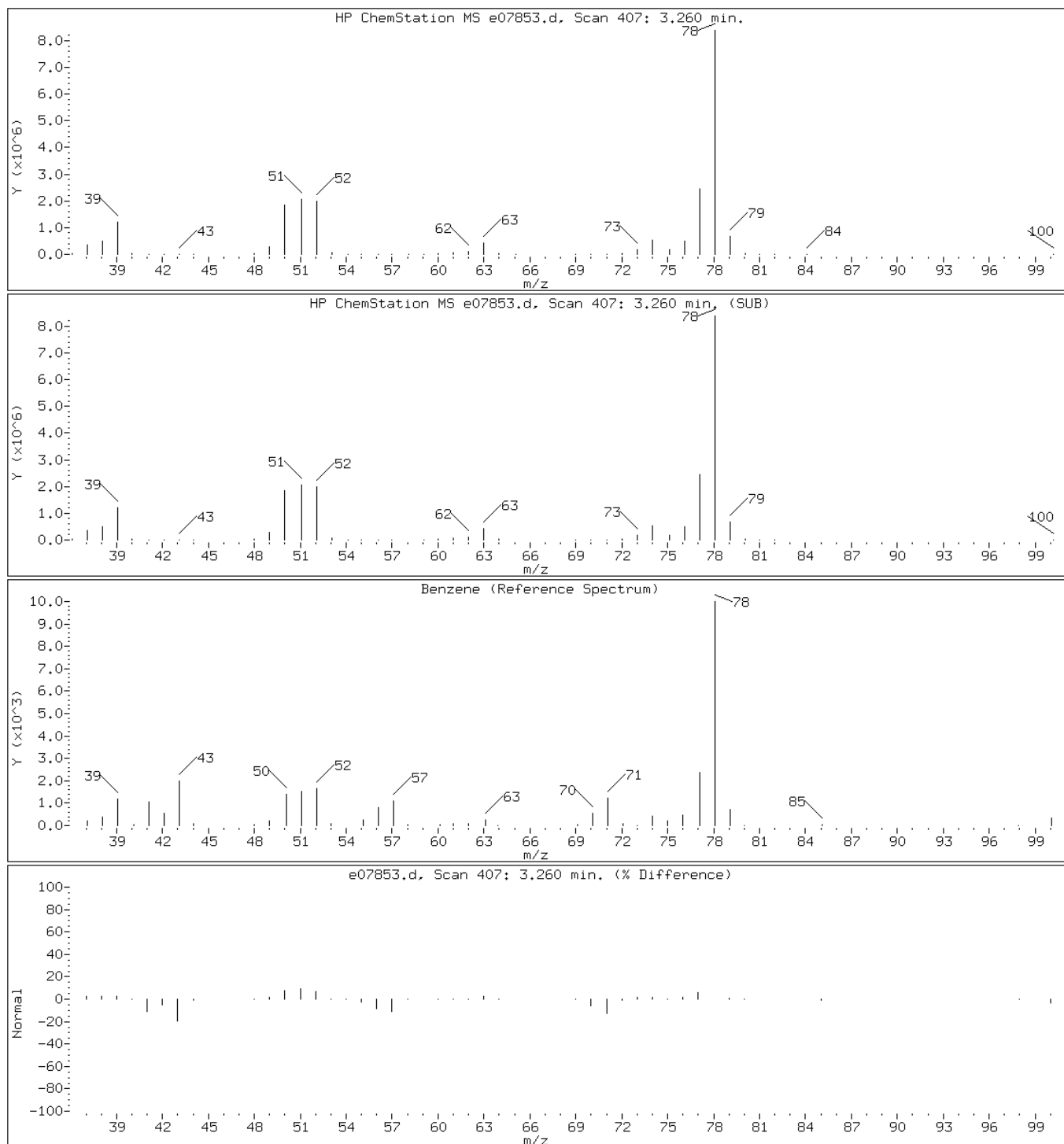
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07853.d

Date: 17-SEP-2012 11:57

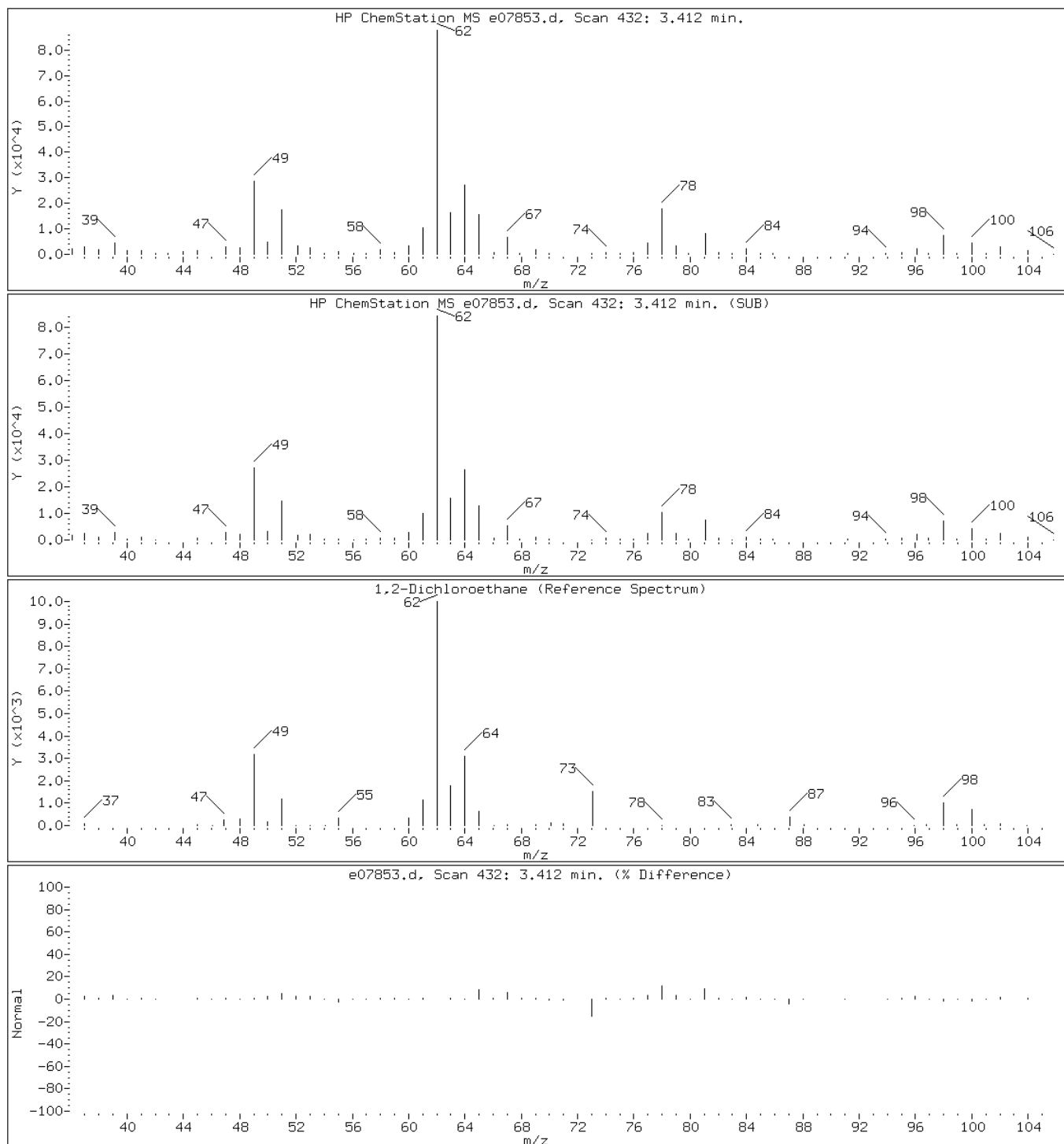
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07853.d

Date: 17-SEP-2012 11:57

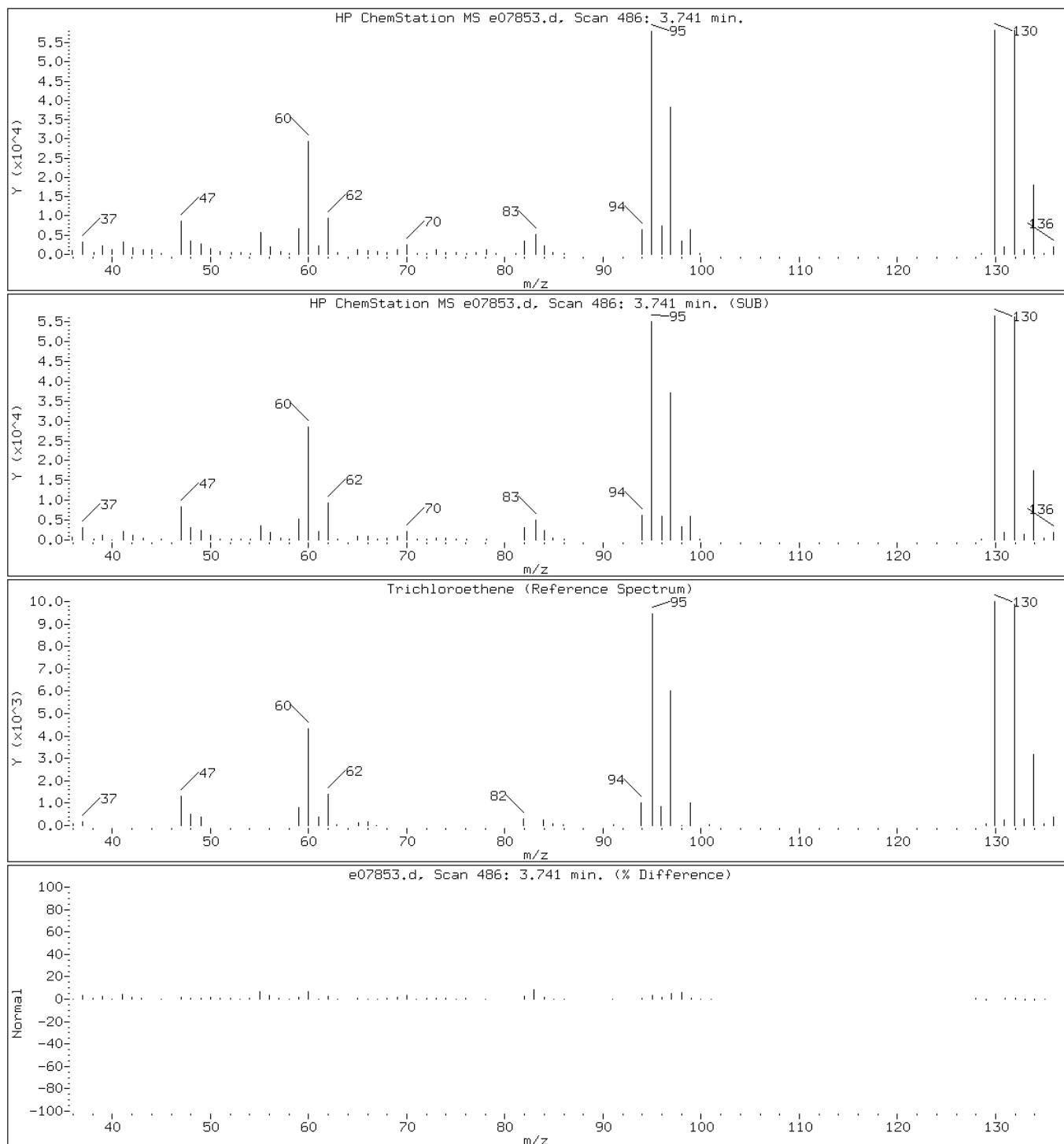
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07853.d

Date: 17-SEP-2012 11:57

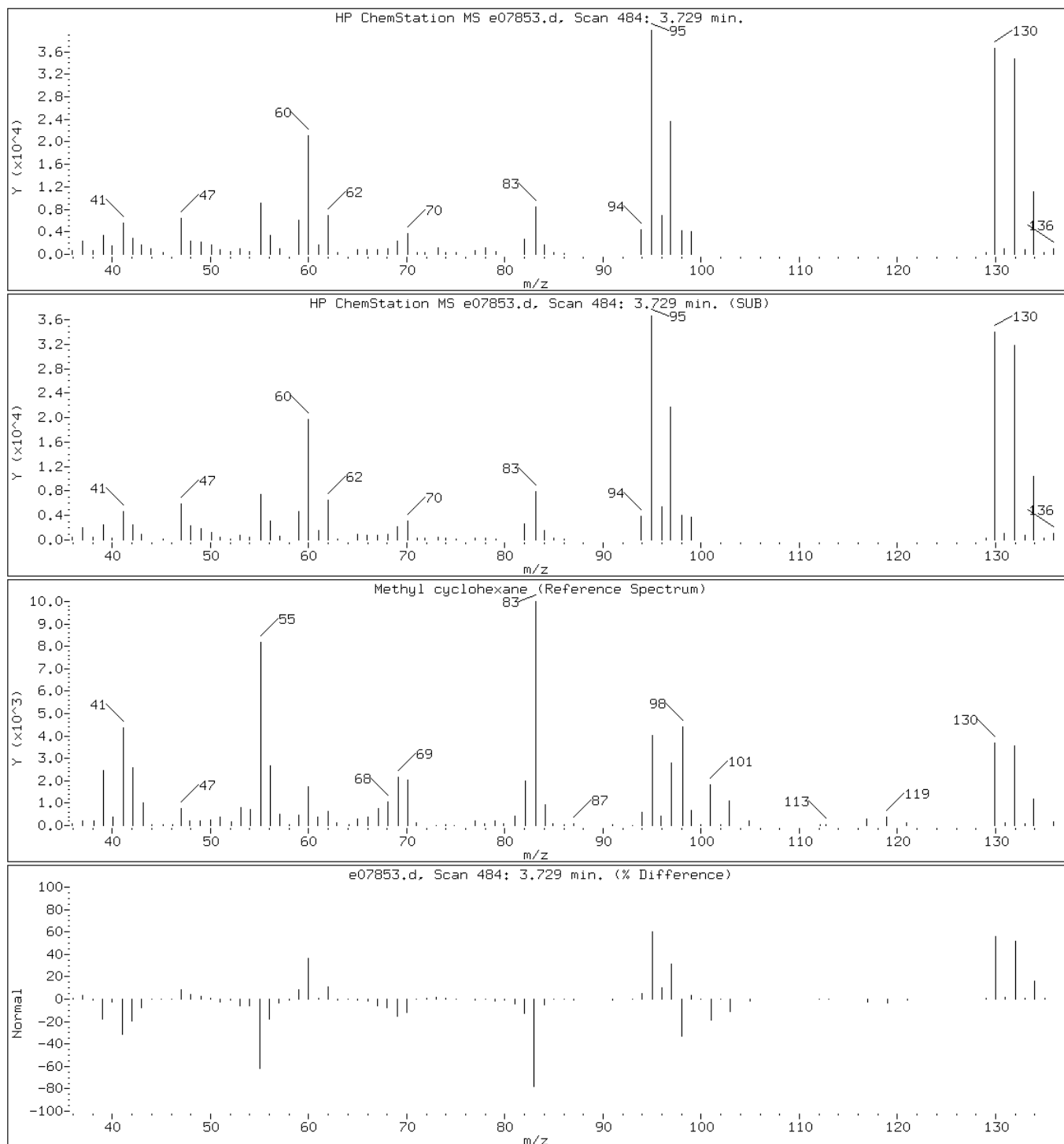
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07853.d

Date: 17-SEP-2012 11:57

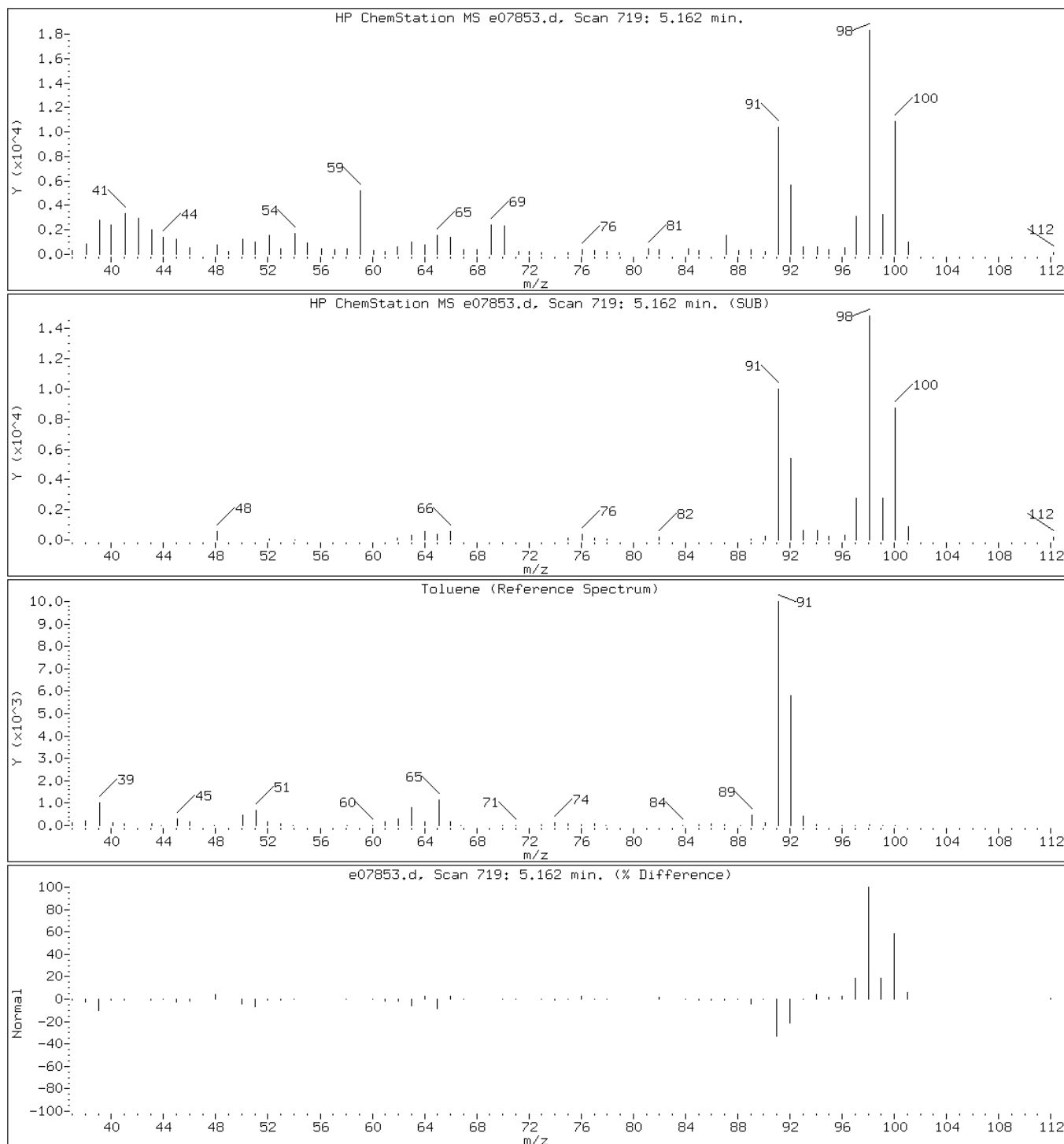
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07853.d

Date: 17-SEP-2012 11:57

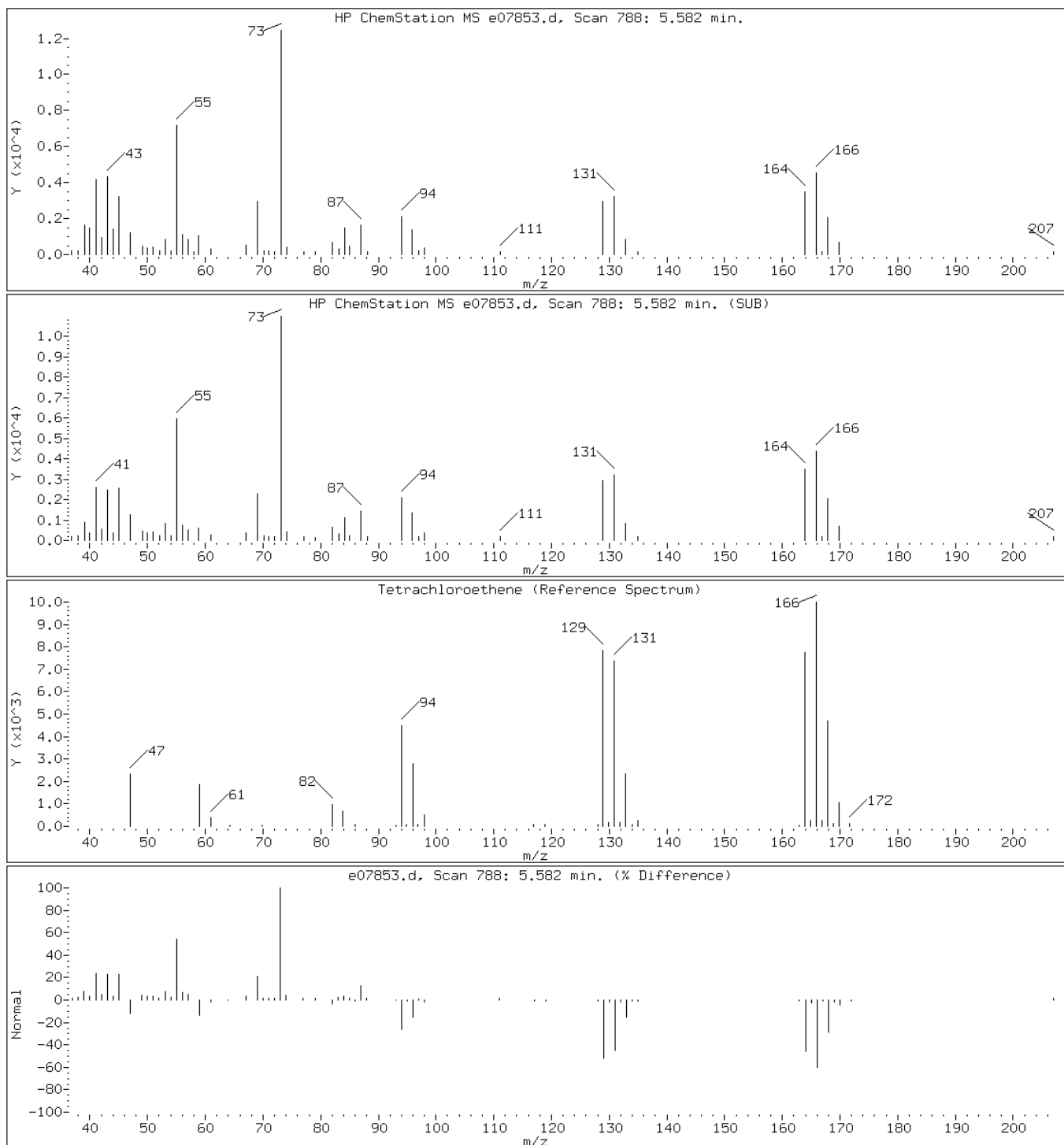
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07853.d

Date: 17-SEP-2012 11:57

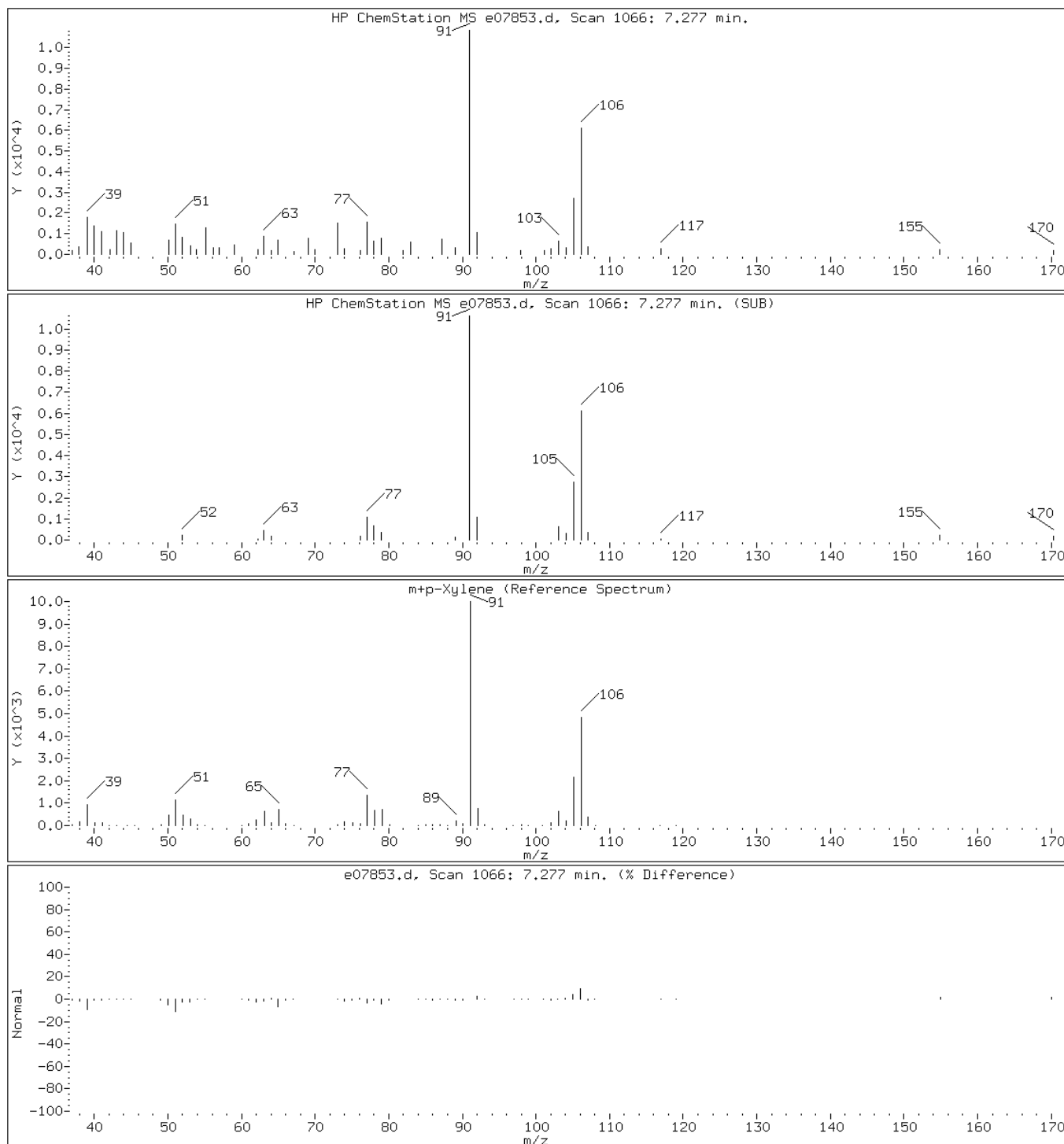
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07853.d

Date: 17-SEP-2012 11:57

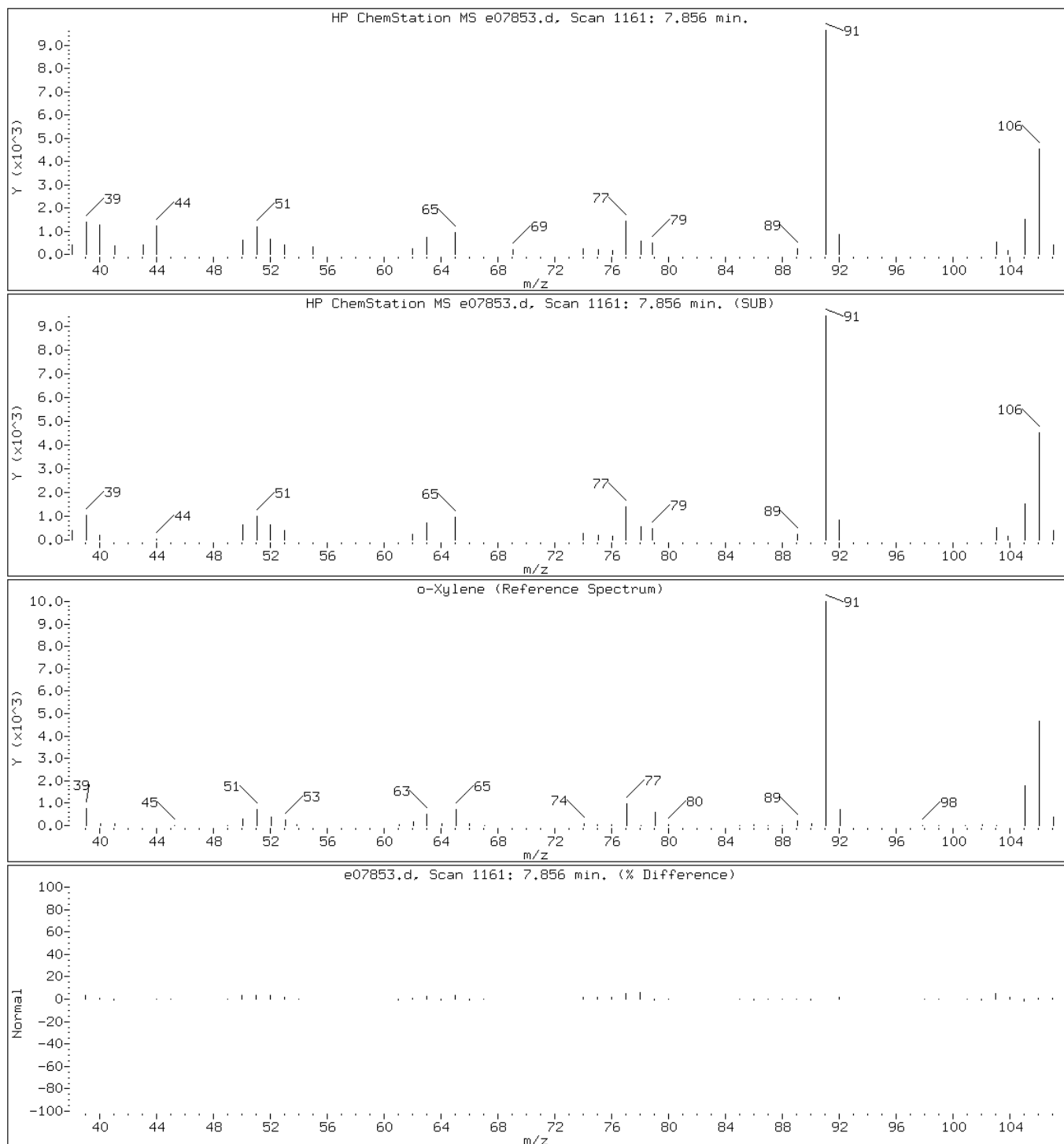
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07853.d

Date: 17-SEP-2012 11:57

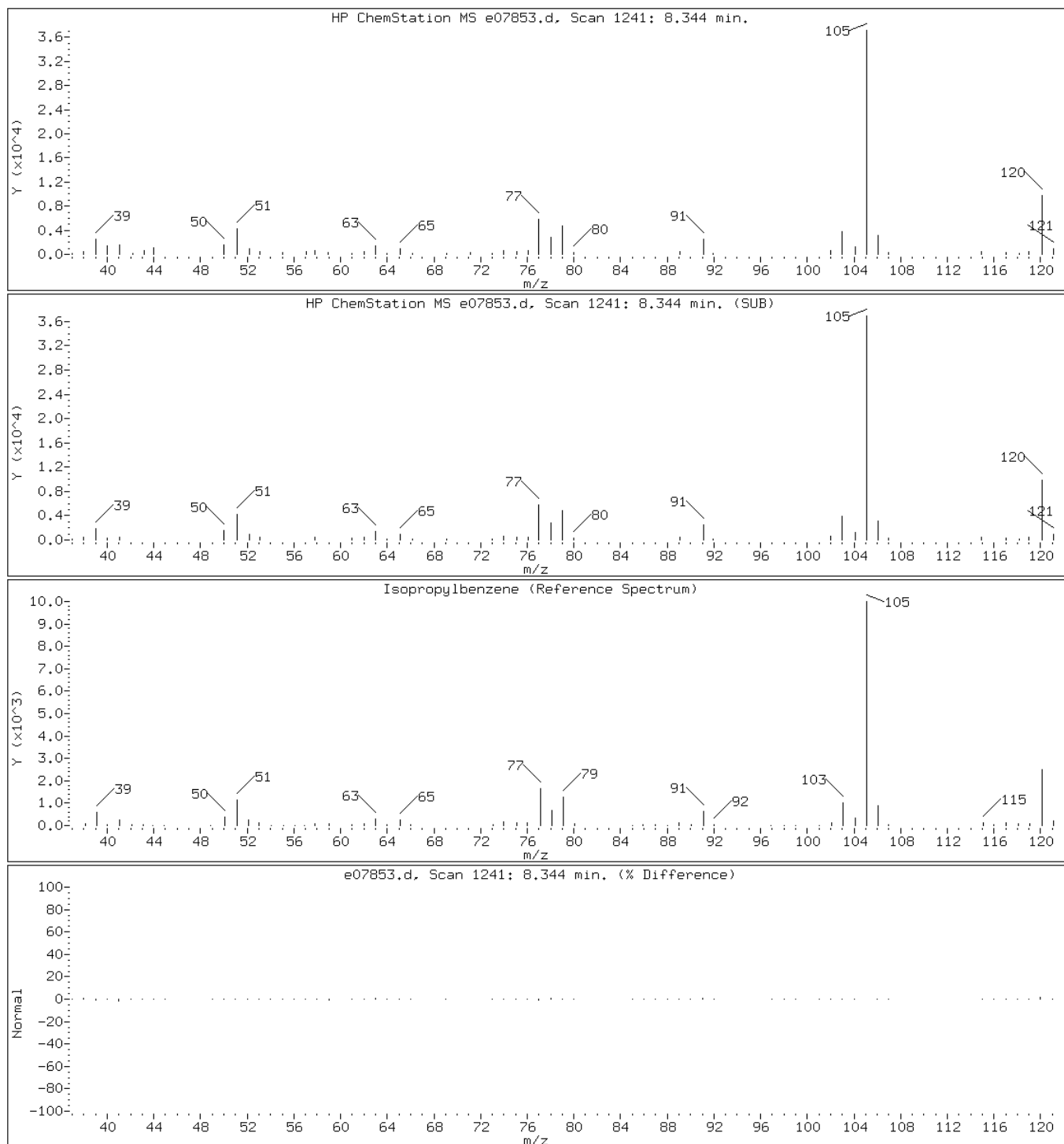
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

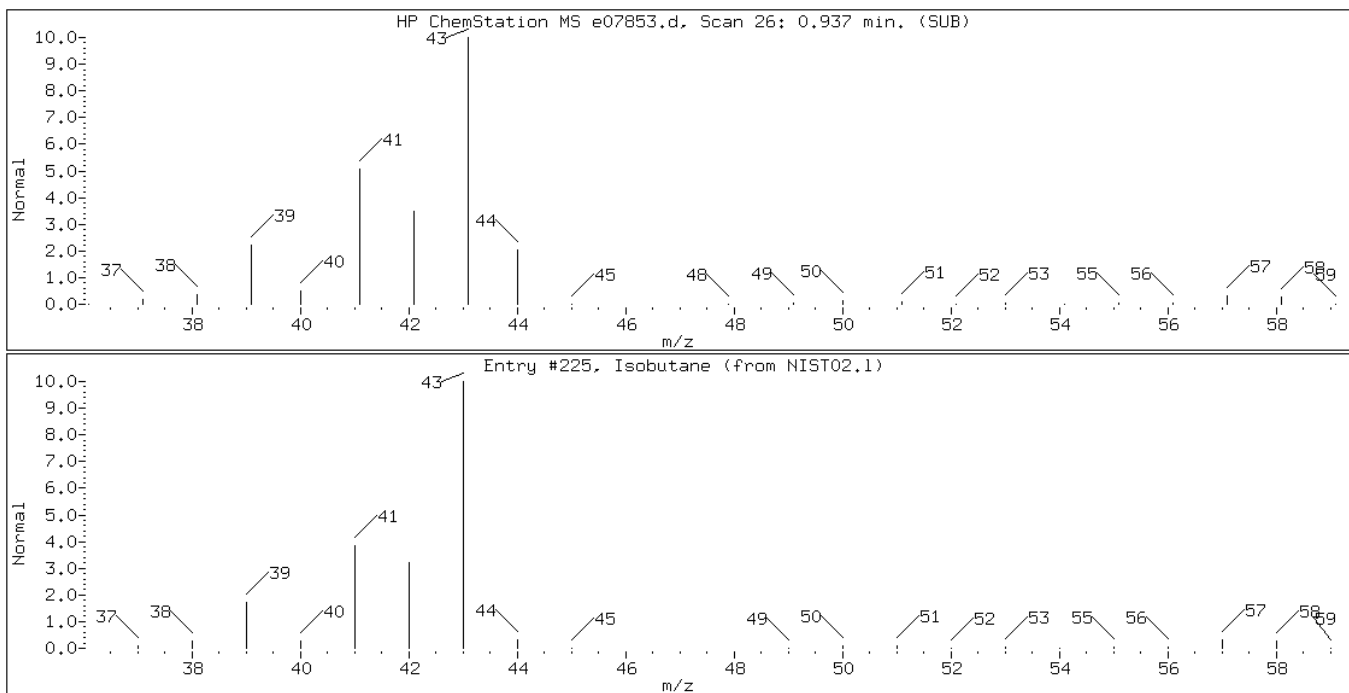
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 0.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane						
Isobutane	75-28-5	NIST02.1	225	52	C4H10	58



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

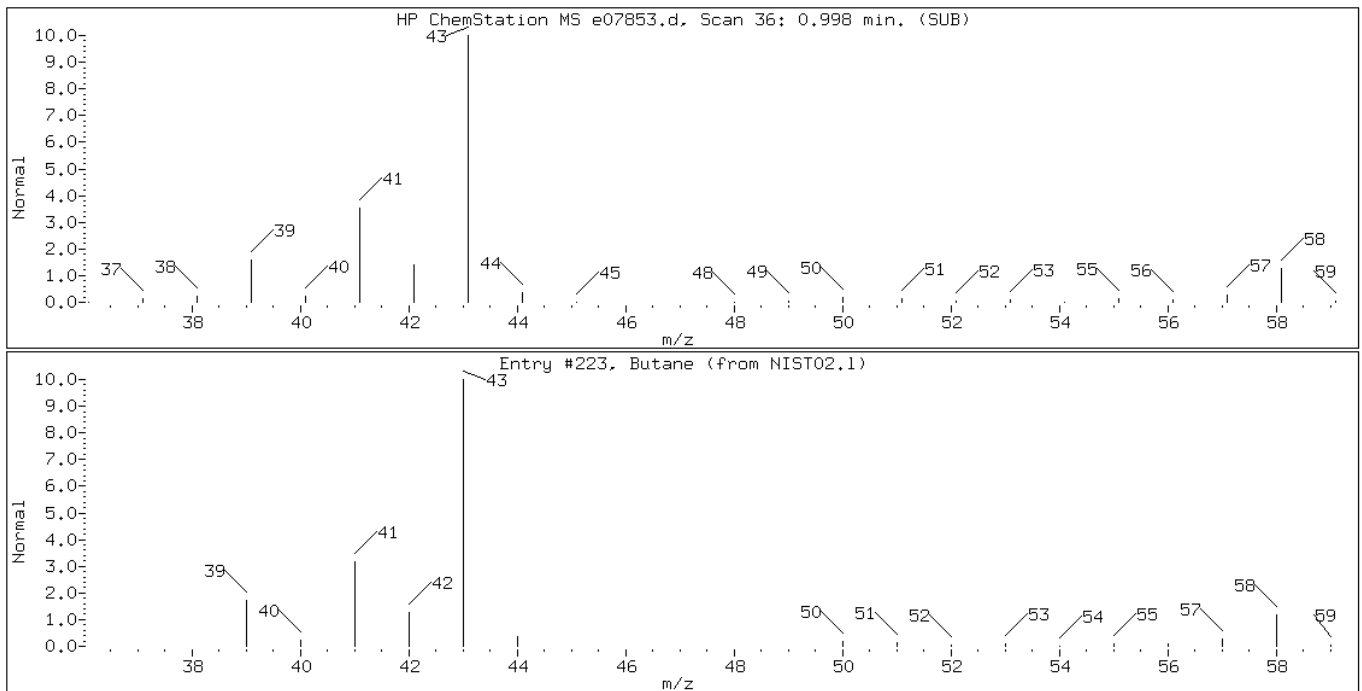
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane-1						
Butane	106-97-8	NIST02.1	223	80	C4H10	58



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

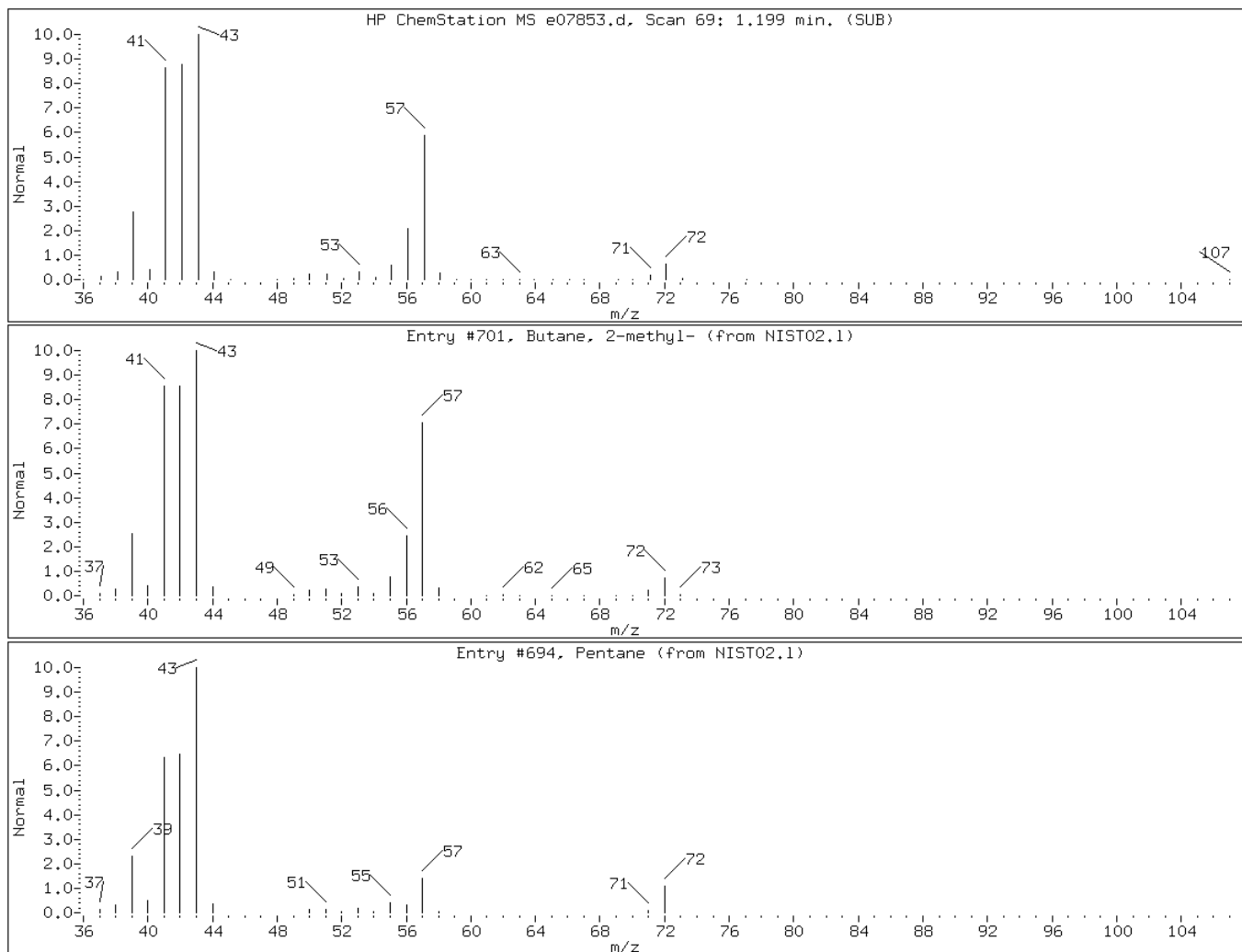
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	91	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

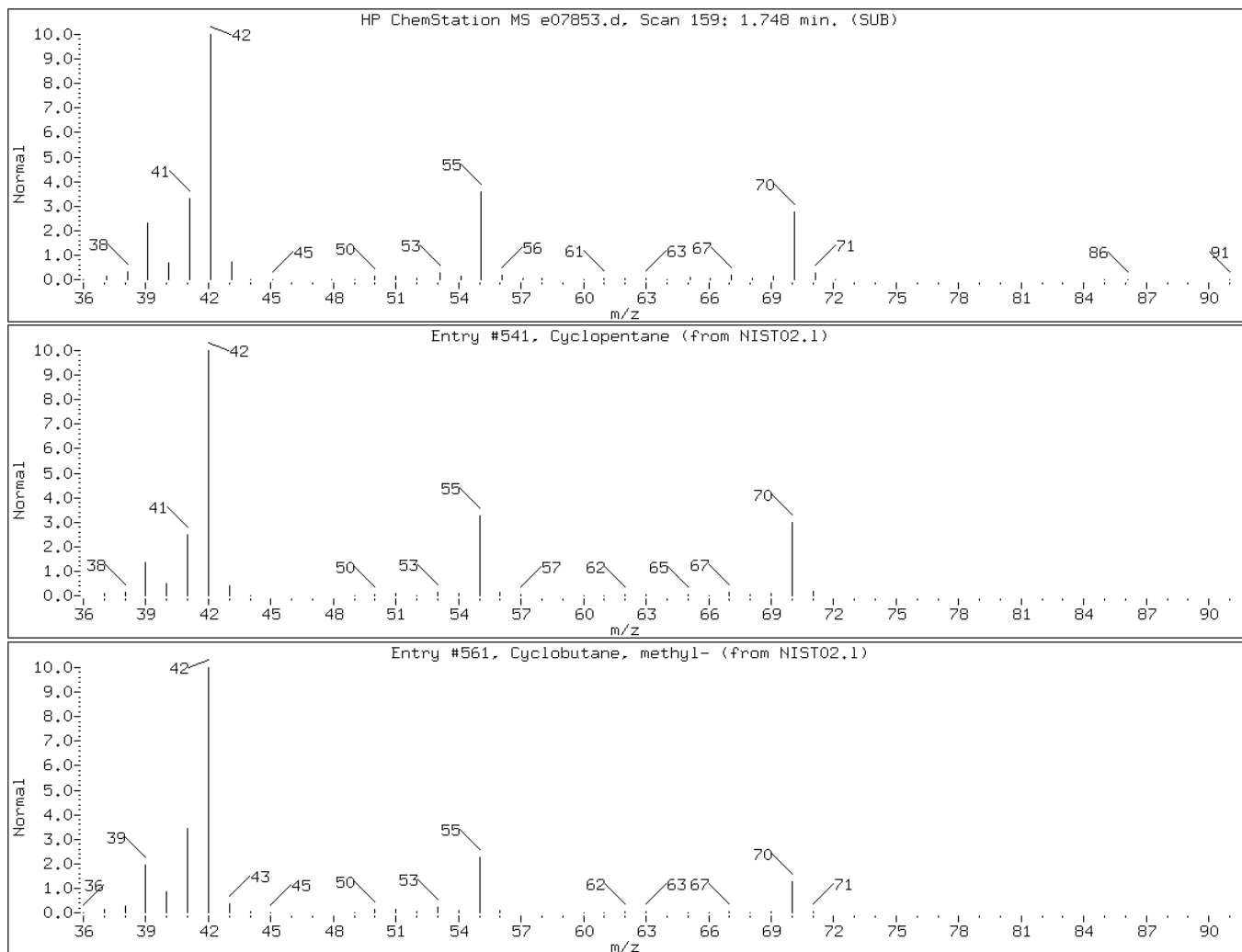
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 1.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	541	86	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	561	80	C5H10	70



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

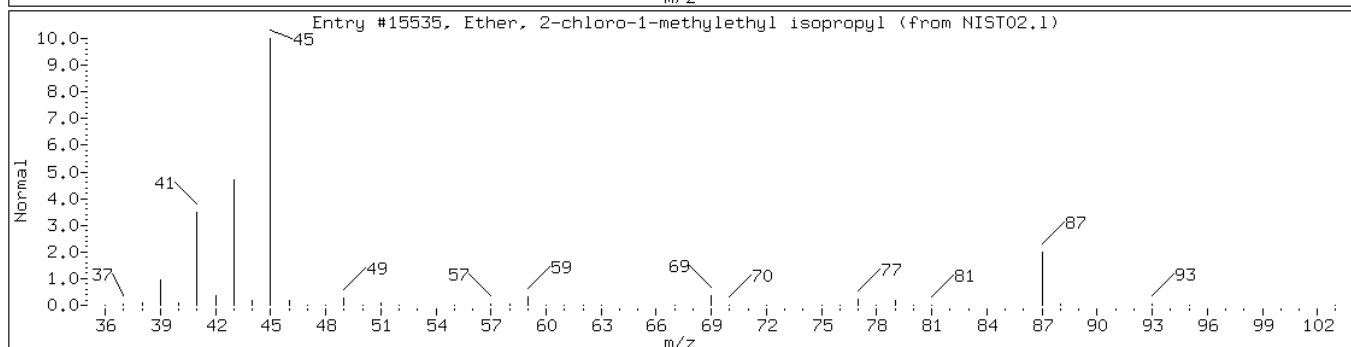
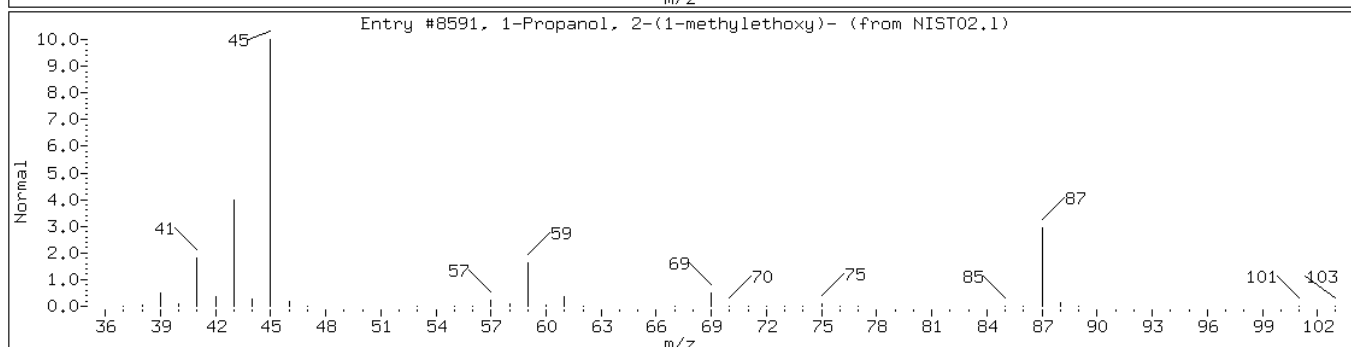
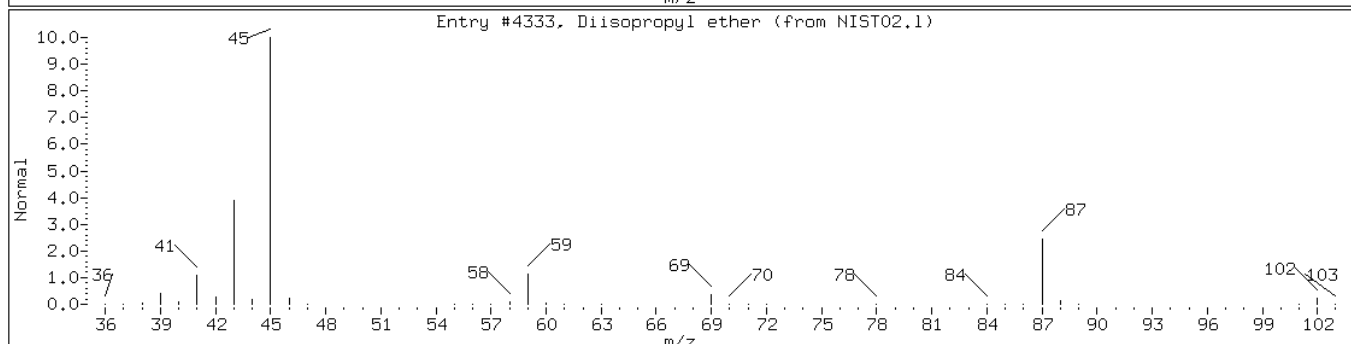
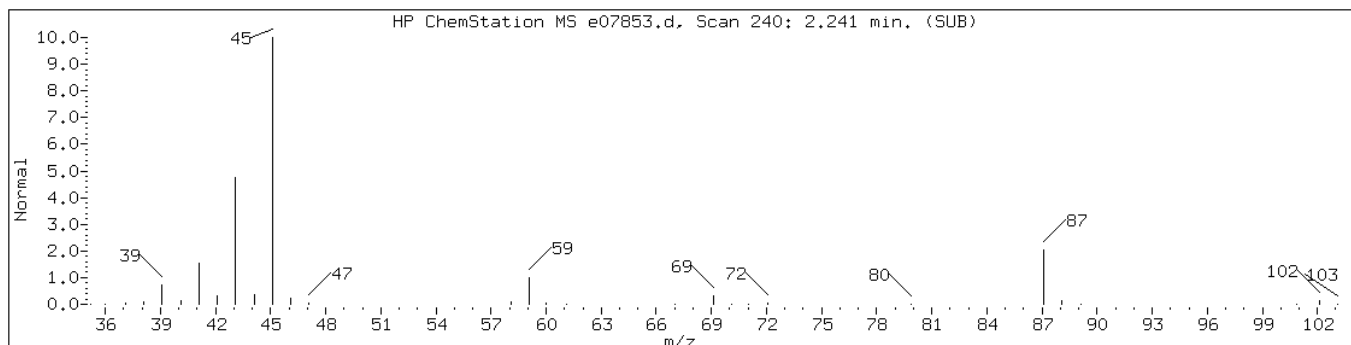
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 2.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.1	4333	86	C6H14O	102
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.1	8591	72	C6H14O2	118
Ether, 2-chloro-1-methylethyl isop	98277-76-0	NIST02.1	15535	64	C6H13ClO	136



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

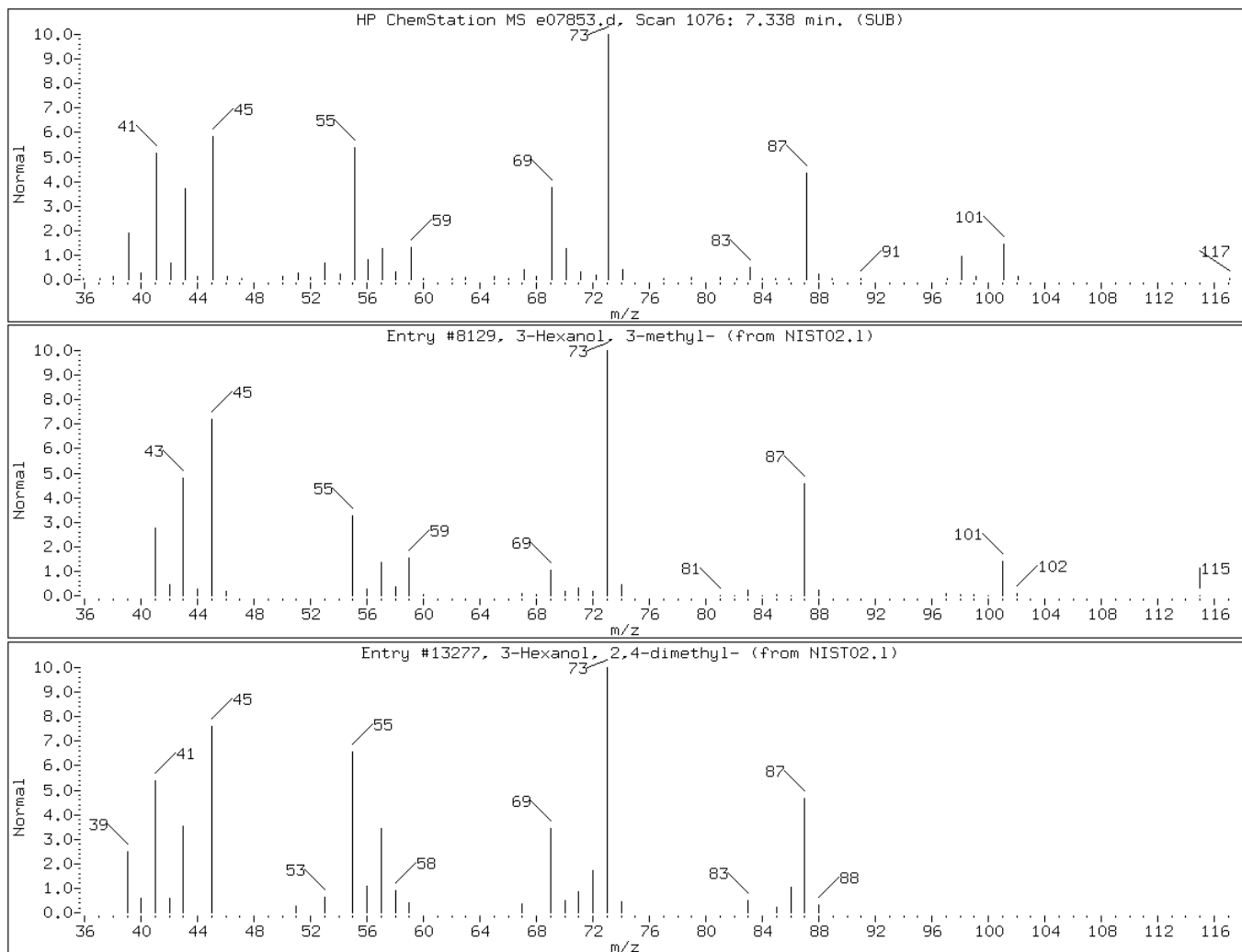
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 7.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol						
3-Hexanol, 3-methyl-	597-96-6	NIST02.1	8129	80	C7H16O	116
3-Hexanol, 2,4-dimethyl-	13432-25-2	NIST02.1	13277	53	C8H18O	130



Data File: e07853.d

Date: 17-SEP-2012 11:57

Client ID: WG-17338-091112-VAS

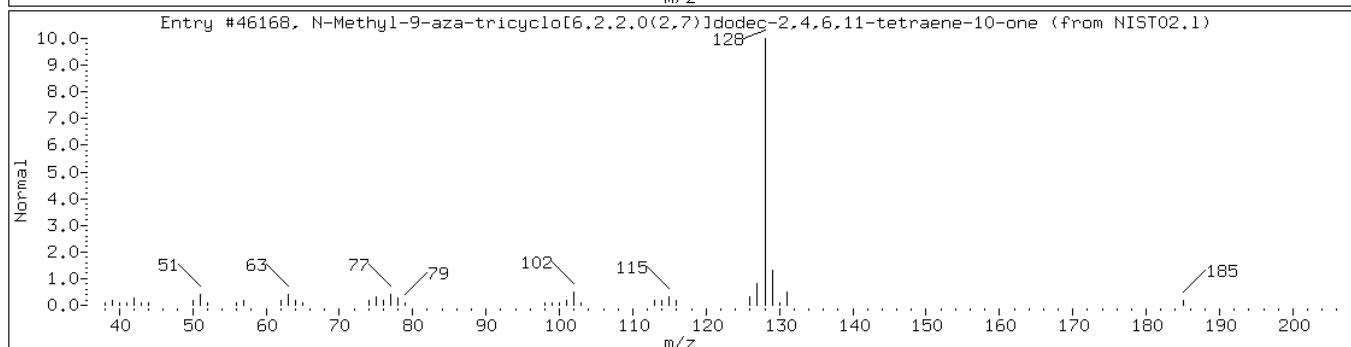
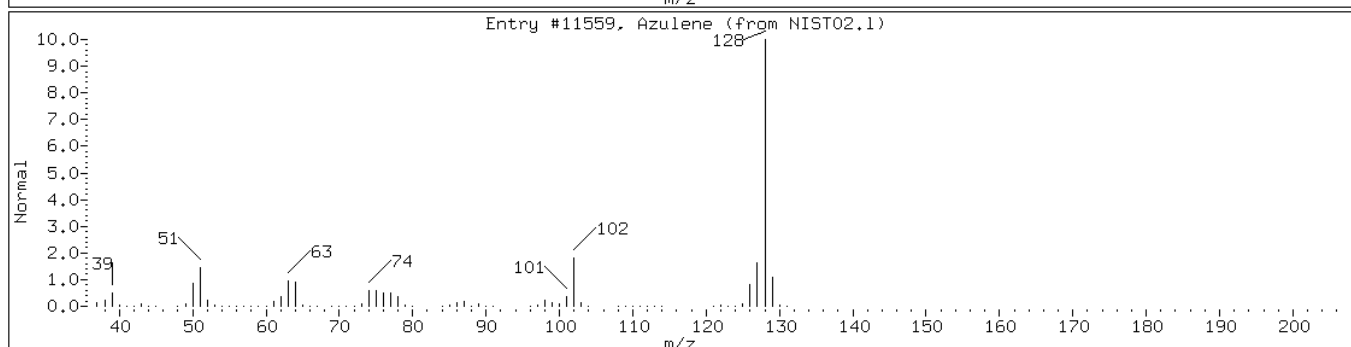
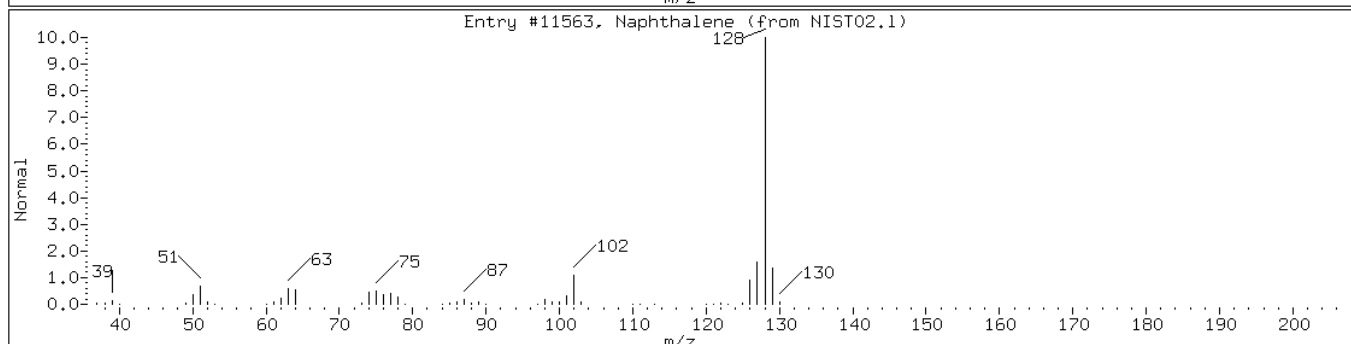
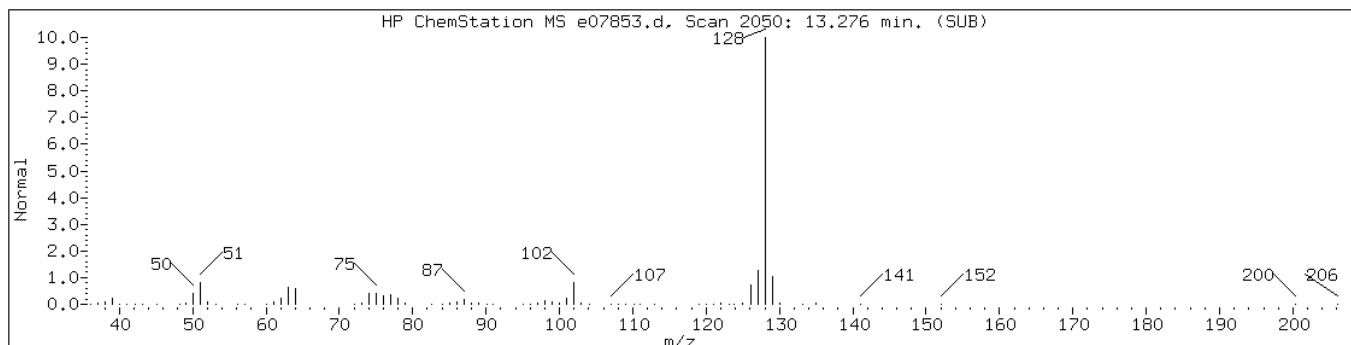
Instrument: VOAMS5.i

Sample Info: 460-44505-A-7

Operator: GC/MS VOAMS5

Retention Time: 13.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11559	91	C10H8	128
N-Methyl-9-aza-tricyclo[6.2.2.0(2,7)]dodec-2,4,6,11-tetraene-10-one	13131-19-6	NIST02.1	46168	78	C12H11NO	185



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8
 Matrix: Water Lab File ID: e07875.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 23:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.19	J	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.48	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.23	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.61	J	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	15		1.0	0.080
100-41-4	Ethylbenzene	0.12	J	1.0	0.10
110-82-7	Cyclohexane	9.6		1.0	0.16
56-23-5	Carbon tetrachloride	3.0		1.0	0.060
71-43-2	Benzene	450		1.0	0.080
107-06-2	1,2-Dichloroethane	15		1.0	0.19
79-01-6	Trichloroethene	5.6		1.0	0.090
108-87-2	Methylcyclohexane	1.5		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.47	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8
 Matrix: Water Lab File ID: e07875.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 23:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.64	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	1.3	J	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	2.4		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8
 Matrix: Water Lab File ID: e07875.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 23:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 193.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane-1	1.00	49	J
	C5H12 Alkane	1.20	30	J
	C5H10 Cycloalkane	1.75	16	J
108-20-3	Diisopropyl ether	2.24	18	J N
	C6H12 Cycloalkane	2.35	6.6	J
	Unknown	3.56	27	J
	Unknown Alcohol	5.20	15	J
	Unknown Alcohol-1	5.54	13	J
	Unknown Alcohol-2	7.34	5.8	J
91-20-3	Naphthalene	13.29	13	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07875.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07875.d
 Lab Smp Id: 460-44505-B-8 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 23:30
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-B-8
 Misc Info : 460-44505-B-8
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
28 MTBE	73	2.016	2.010	(0.561)	14570		0.48348	0.48(a)
30 1,1-Dichloroethane	63	2.309	2.302	(0.642)	4839		0.23197	0.23(a)
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	6559		0.60639	0.61(a)
42 Chloroform	83	2.839	2.839	(0.790)	288321		15.1257	15
44 Cyclohexane	56	2.784	2.778	(0.774)	189718		9.64659	9.6
45 Carbon Tetrachloride	117	2.930	2.924	(0.815)	37392		3.00270	3.0
48 Benzene	78	3.254	3.253	(0.468)	20805447		453.072	450
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	620668		51.6534	52
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	227062		15.3493	15
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	2441010		50.0000	
54 Trichloroethene	95	3.741	3.735	(1.041)	59566		5.61106	5.6
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	25497		1.53011	1.5
57 1,2-Dichloropropane	63	4.199	4.192	(1.168)	2407		0.18641	0.19(aH)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2227575		49.8893	50
66 Toluene	91	5.162	5.156	(0.742)	24052		0.46878	0.47(a)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	7533		0.64310	0.64(a)

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07875.d
 Report Date: 18-Sep-2012 10:43

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5		117	6.954	6.954	(1.000)	1910752	50.0000	
81 Ethylbenzene		106	7.064	7.064	(1.016)	2146	0.12113	0.12(a)
82 m+p-Xylene		106	7.277	7.277	(1.046)	10995	0.48327	0.48(a)
84 o-Xylene		106	7.856	7.856	(1.130)	18545	0.83261	0.83(a)
88 Isopropylbenzene		105	8.344	8.344	(1.200)	133186	2.36581	2.4
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710	(0.832)	841050	49.0839	49
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466	(1.000)	1074042	50.0000	
M 120 1,2-Dichloroethene (Total)		100				6559	0.60639	0.61(a)
M 121 Xylene (Total)		100				29540	1.31588	1.3(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: e07875.d

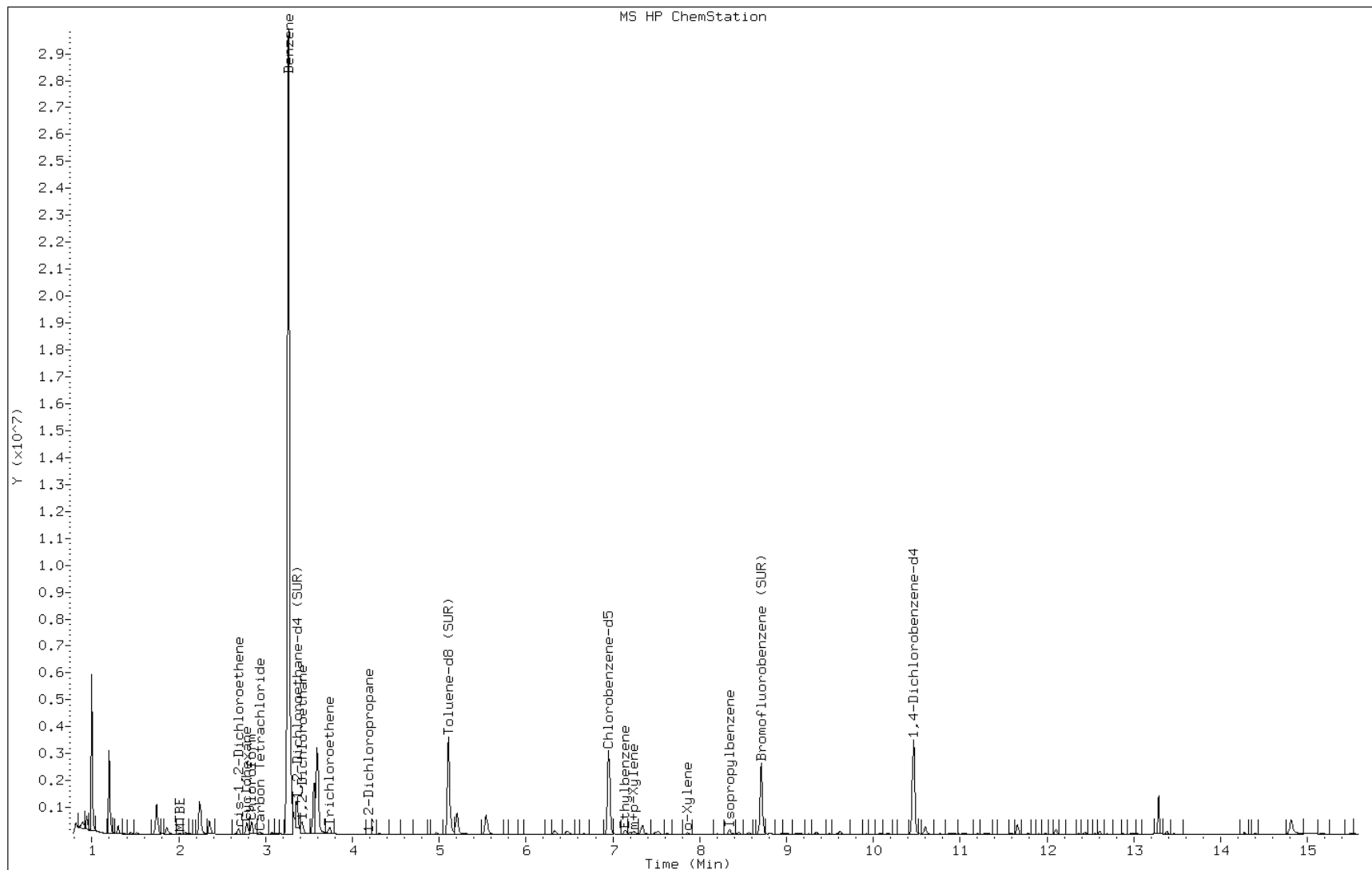
Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5



Data File: e07875.d

Date: 17-SEP-2012 23:30

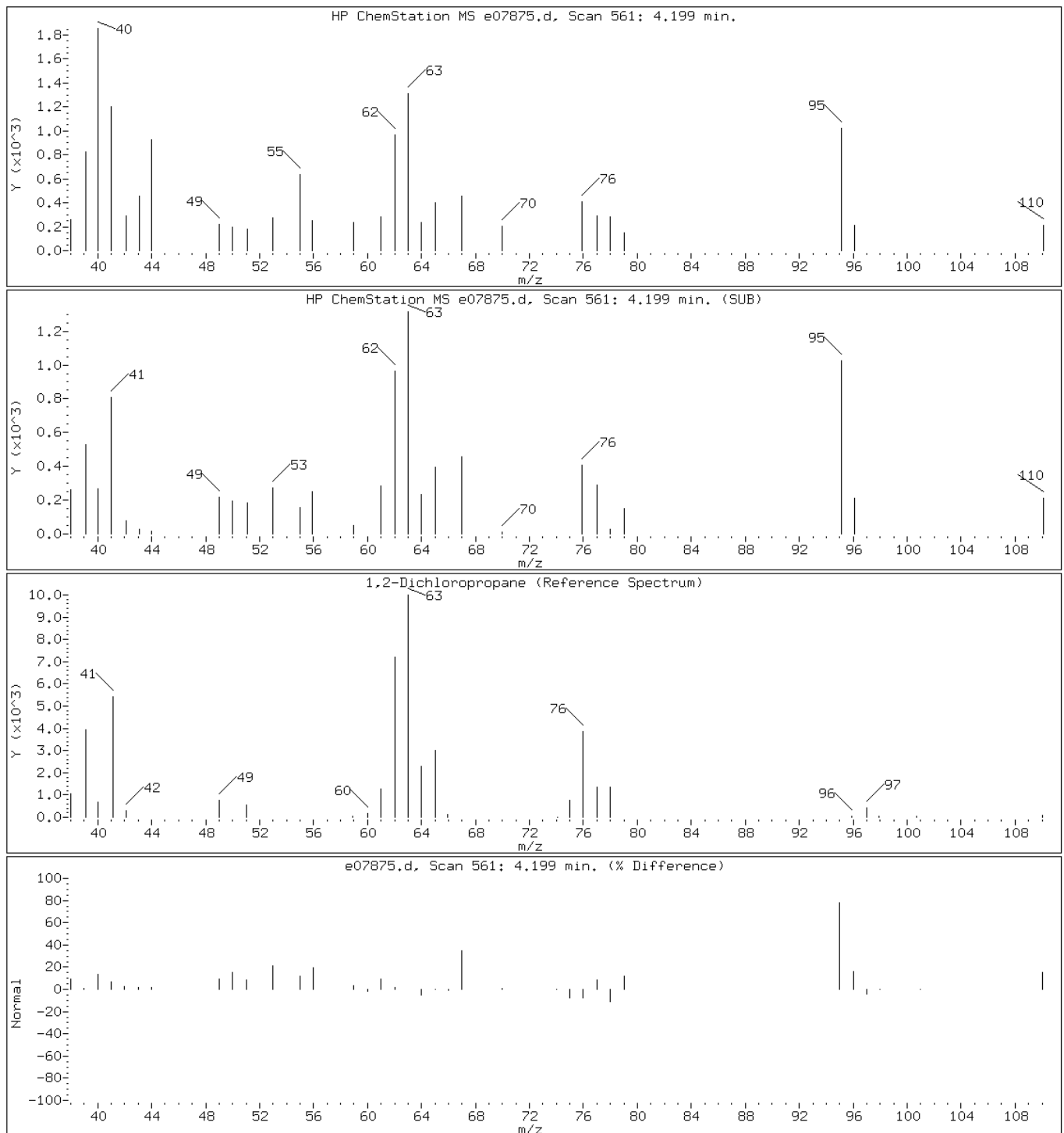
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

57 1,2-Dichloropropane



Data File: e07875.d

Date: 17-SEP-2012 23:30

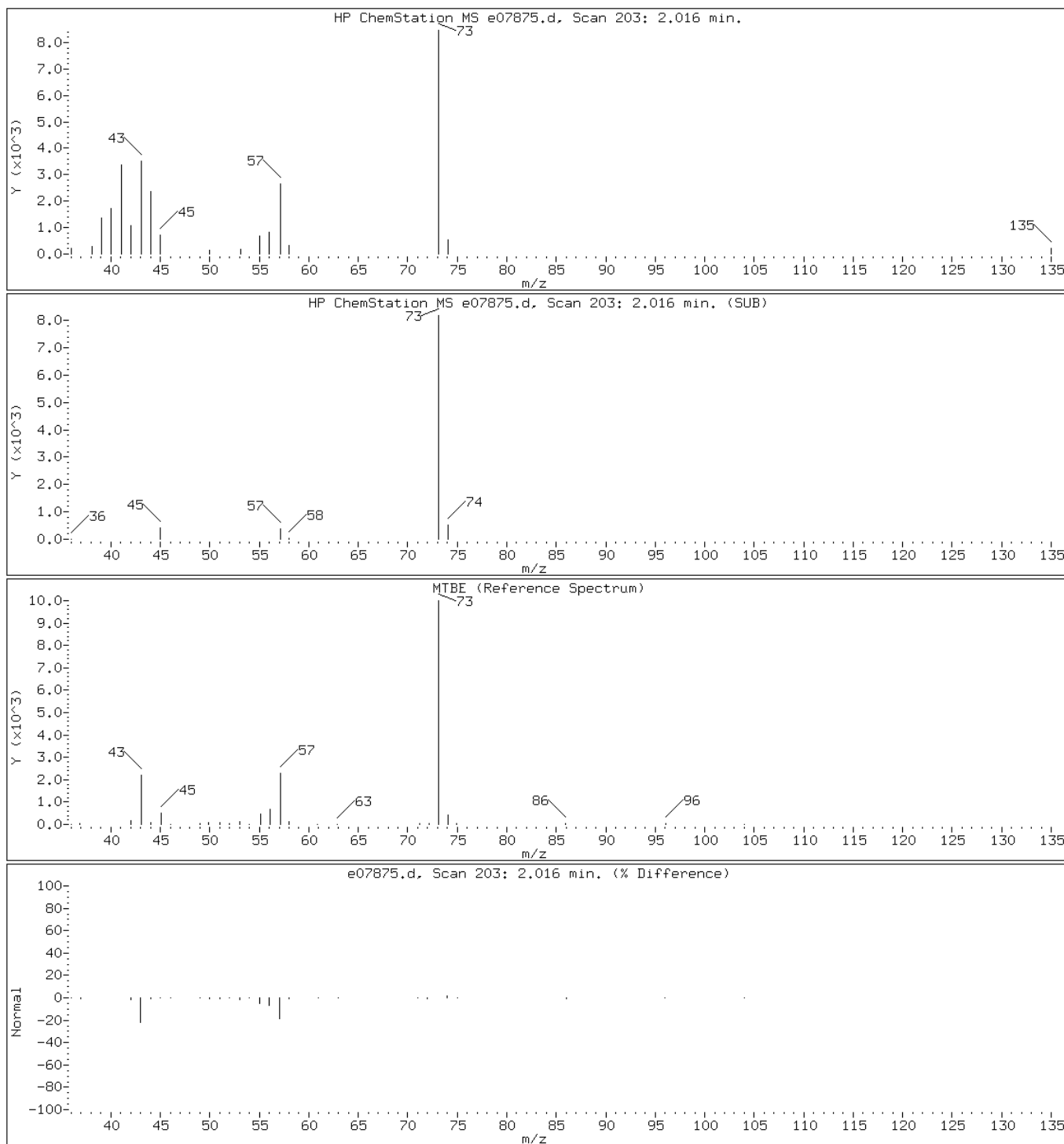
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07875.d

Date: 17-SEP-2012 23:30

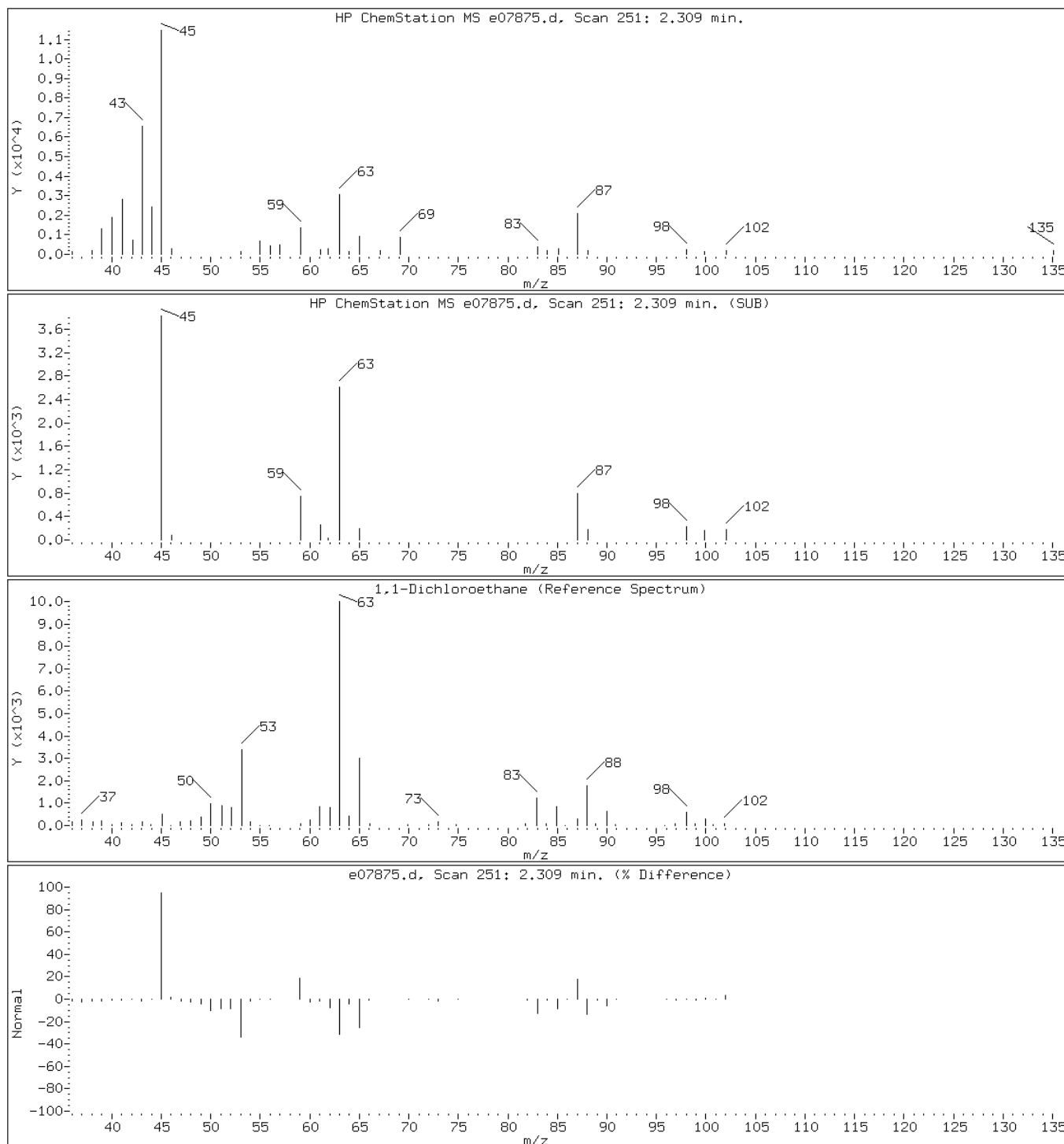
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

30 1,1-Dichloroethane



Data File: e07875.d

Date: 17-SEP-2012 23:30

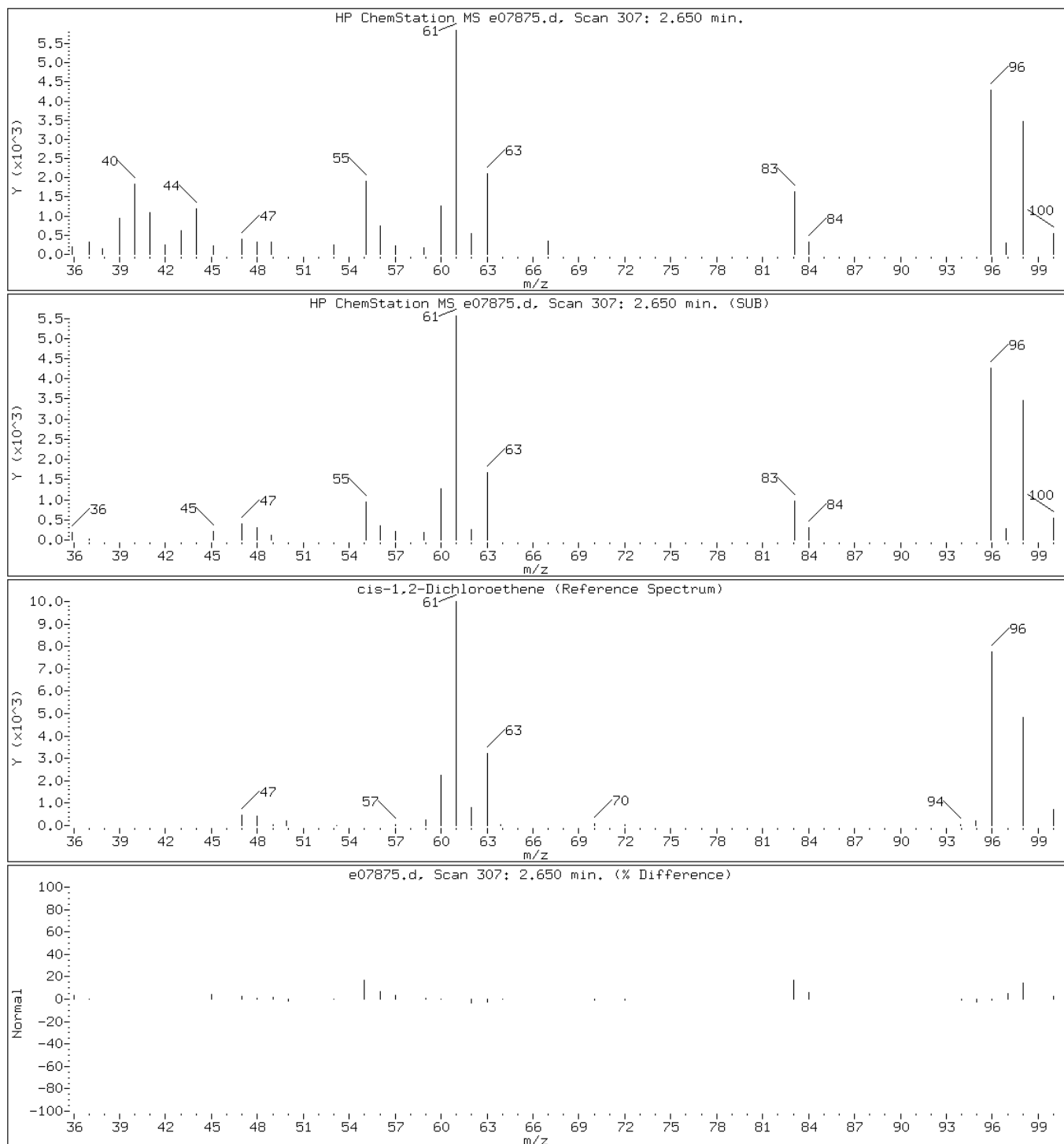
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e07875.d

Date: 17-SEP-2012 23:30

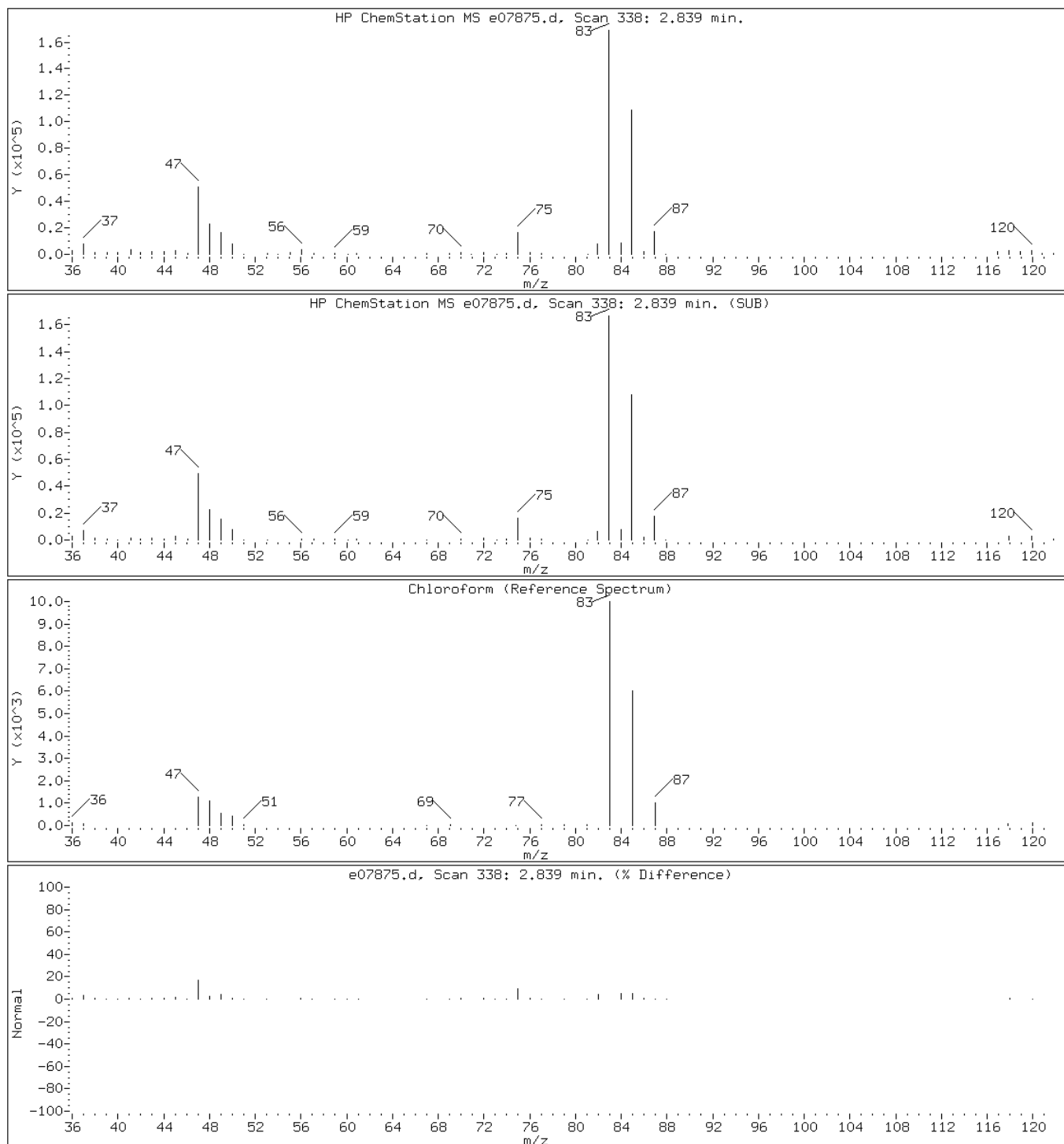
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

42 Chloroform



Data File: e07875.d

Date: 17-SEP-2012 23:30

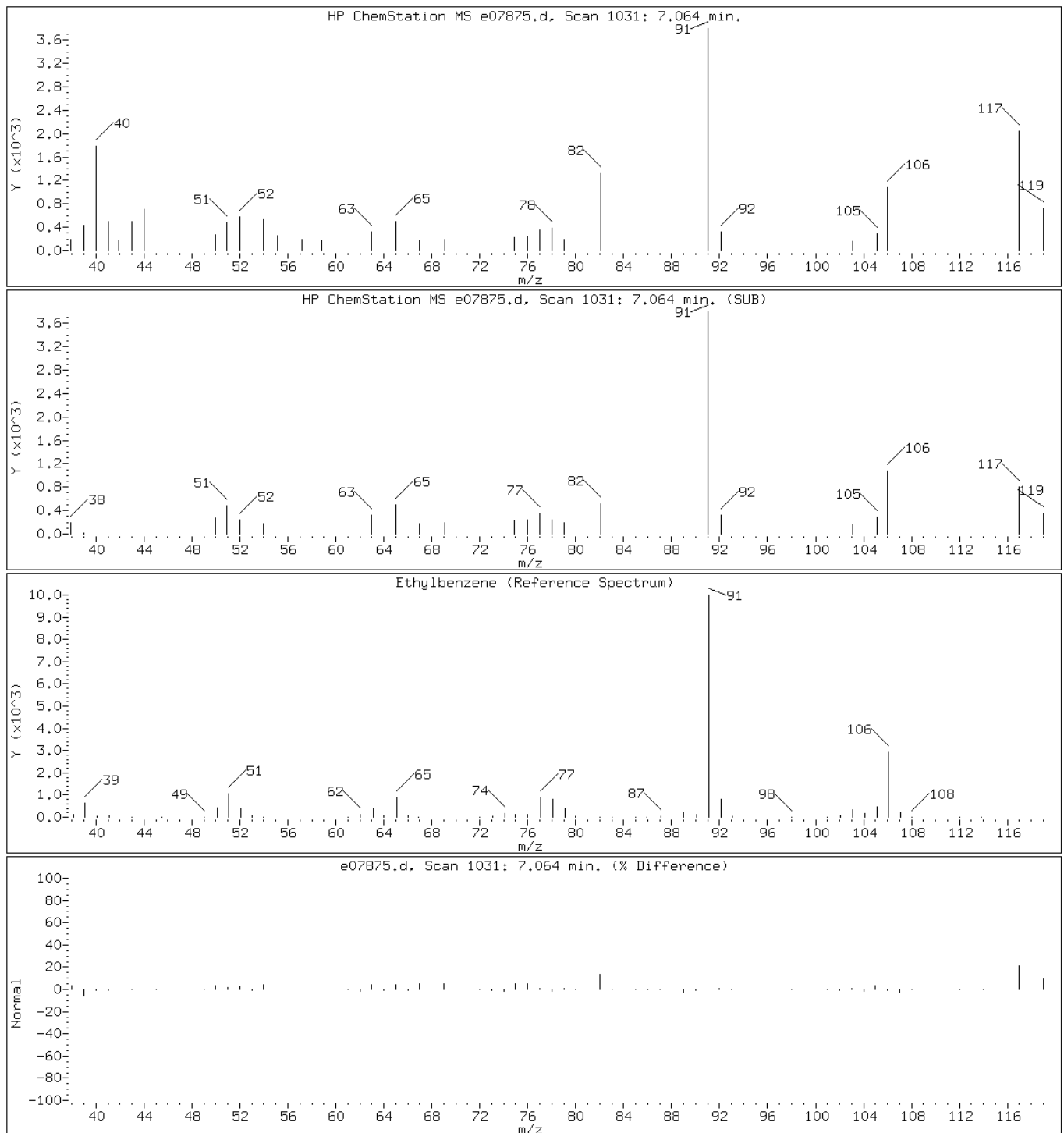
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07875.d

Date: 17-SEP-2012 23:30

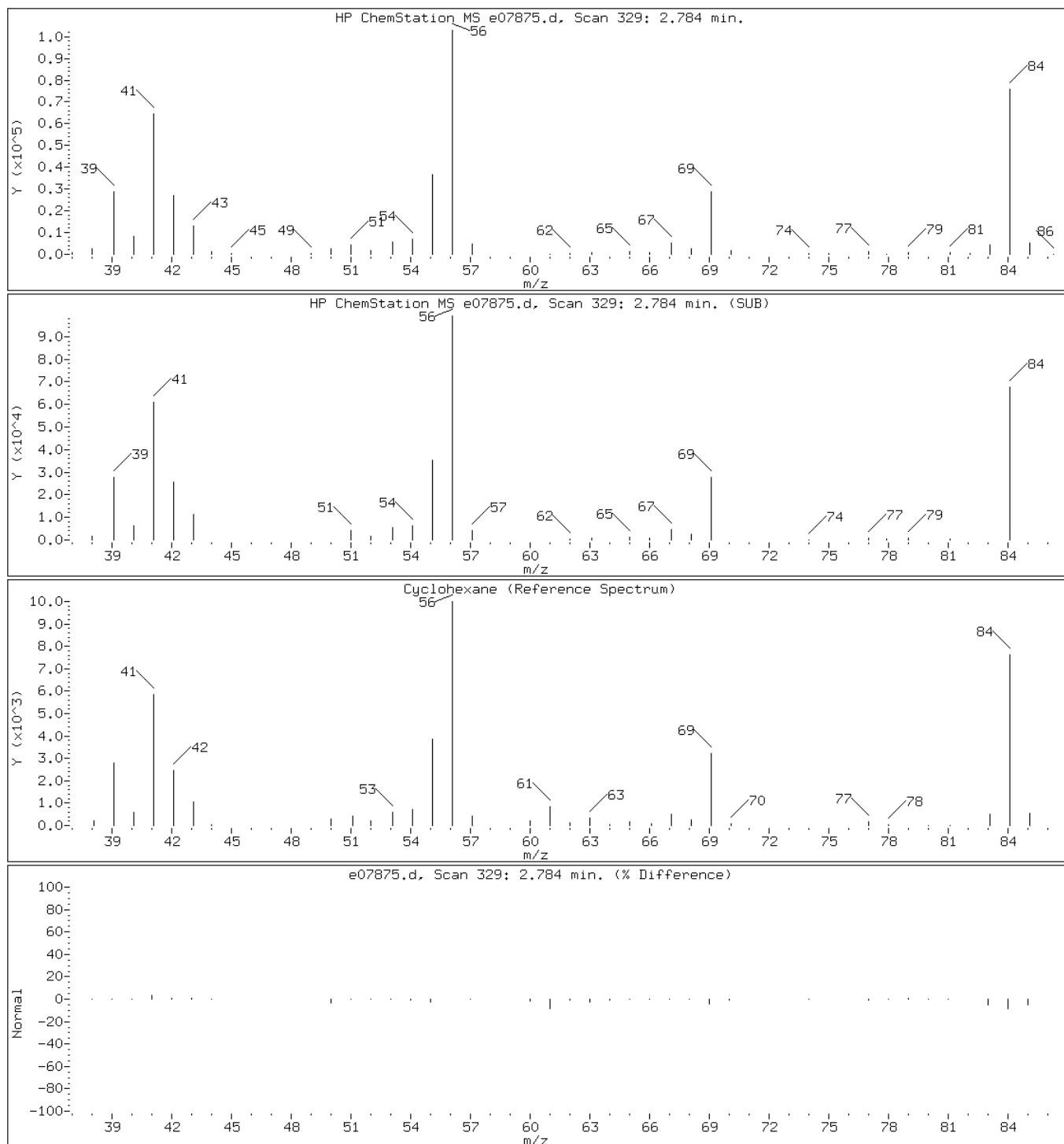
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07875.d

Date: 17-SEP-2012 23:30

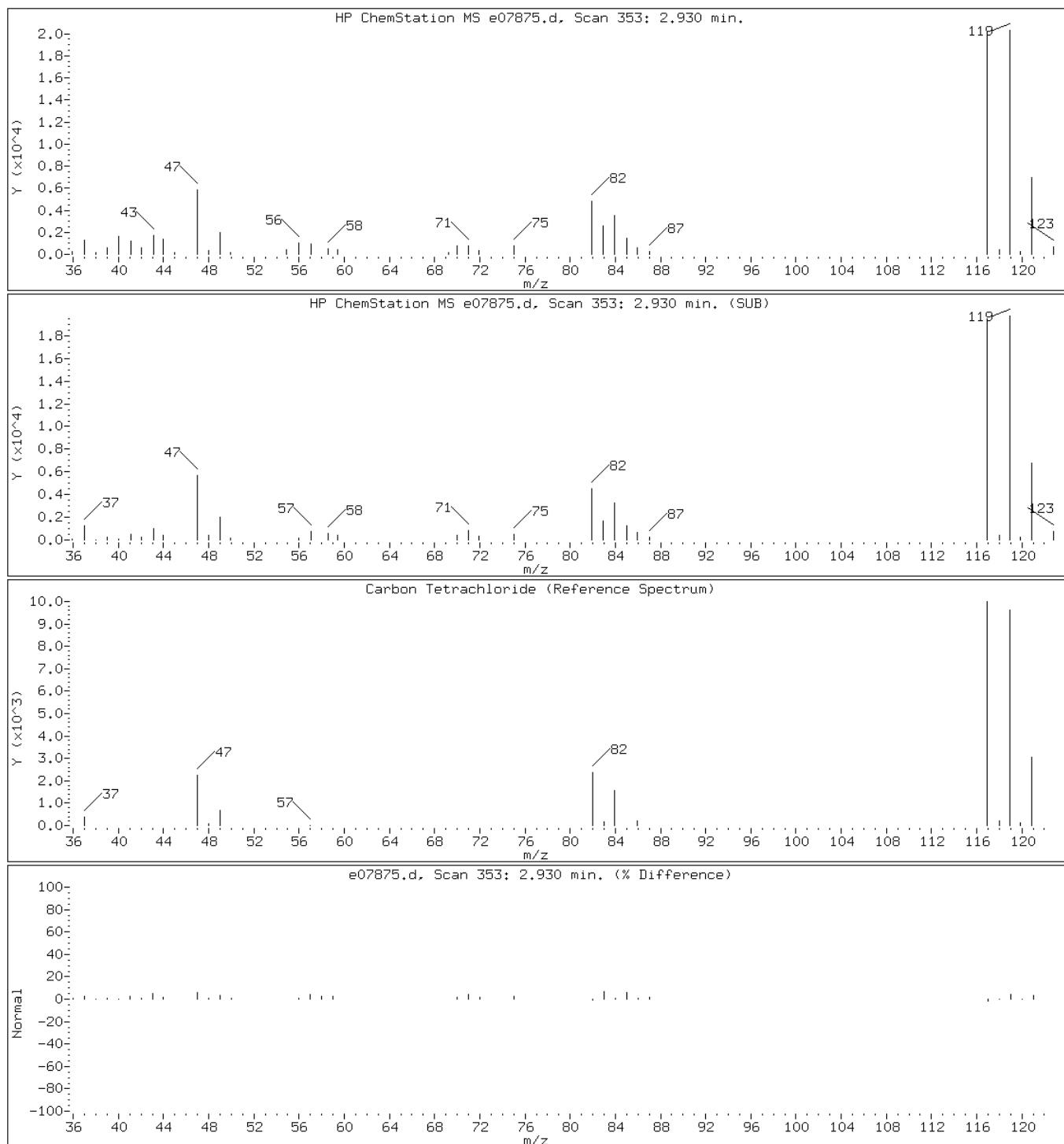
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07875.d

Date: 17-SEP-2012 23:30

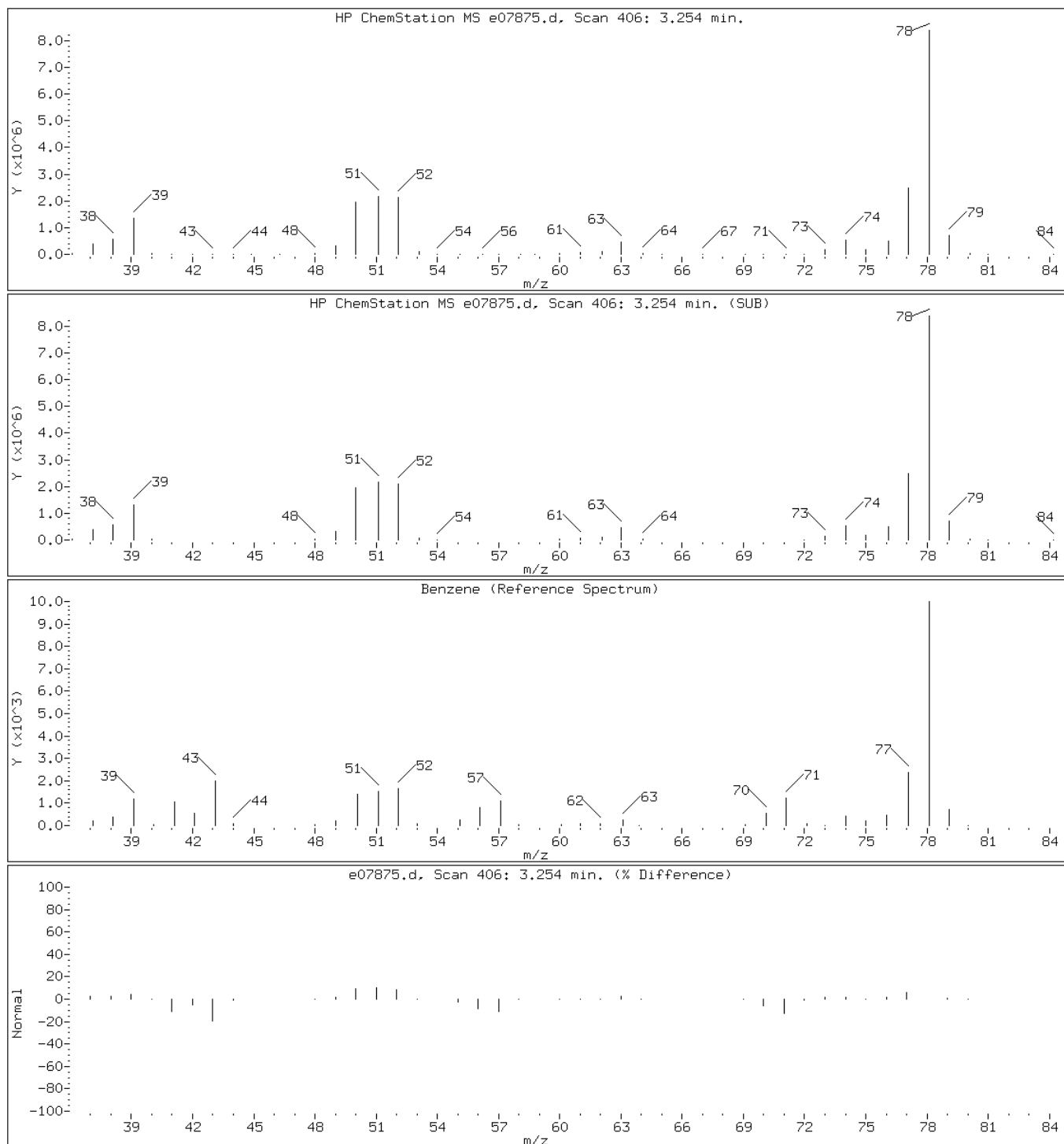
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07875.d

Date: 17-SEP-2012 23:30

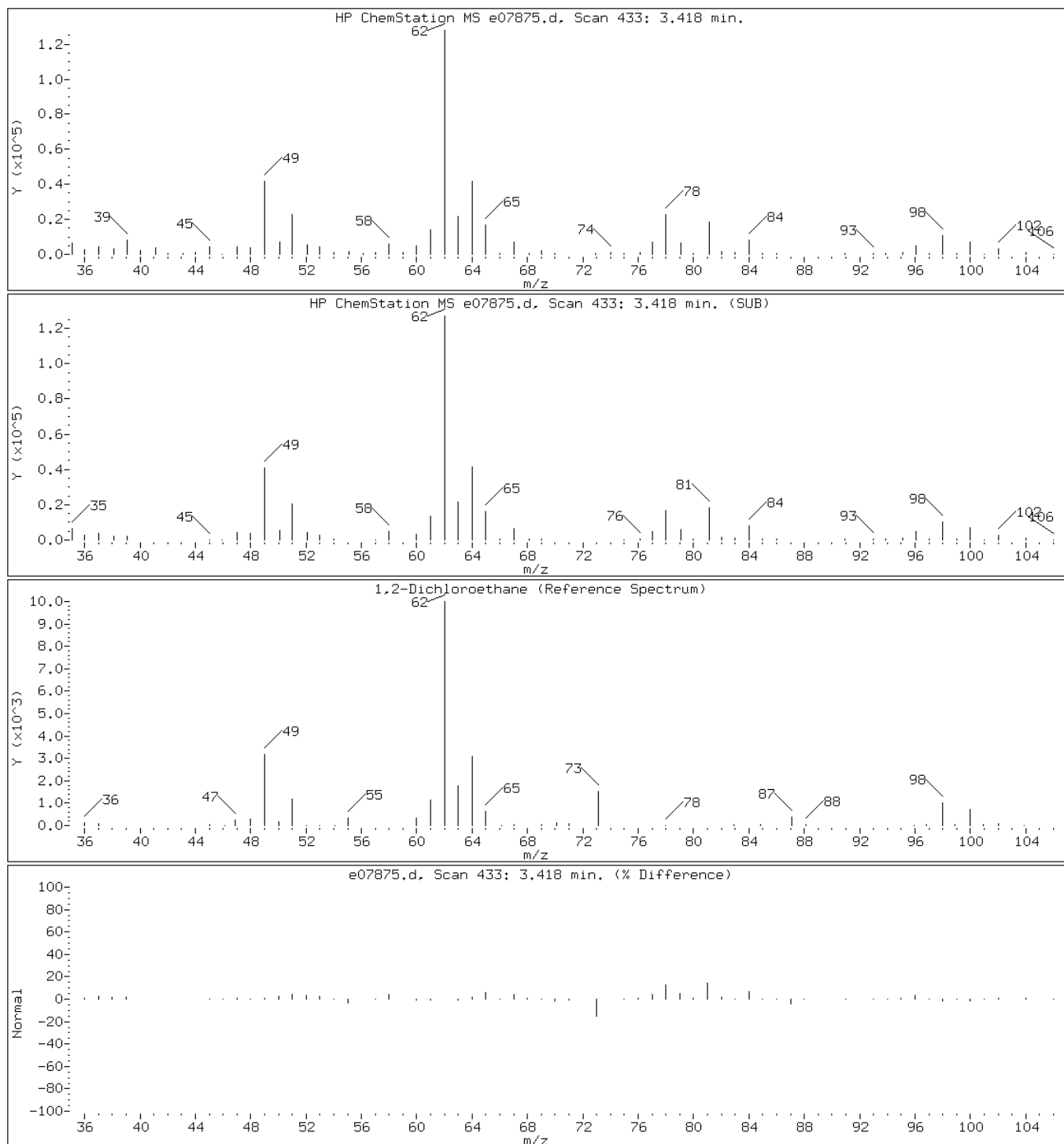
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07875.d

Date: 17-SEP-2012 23:30

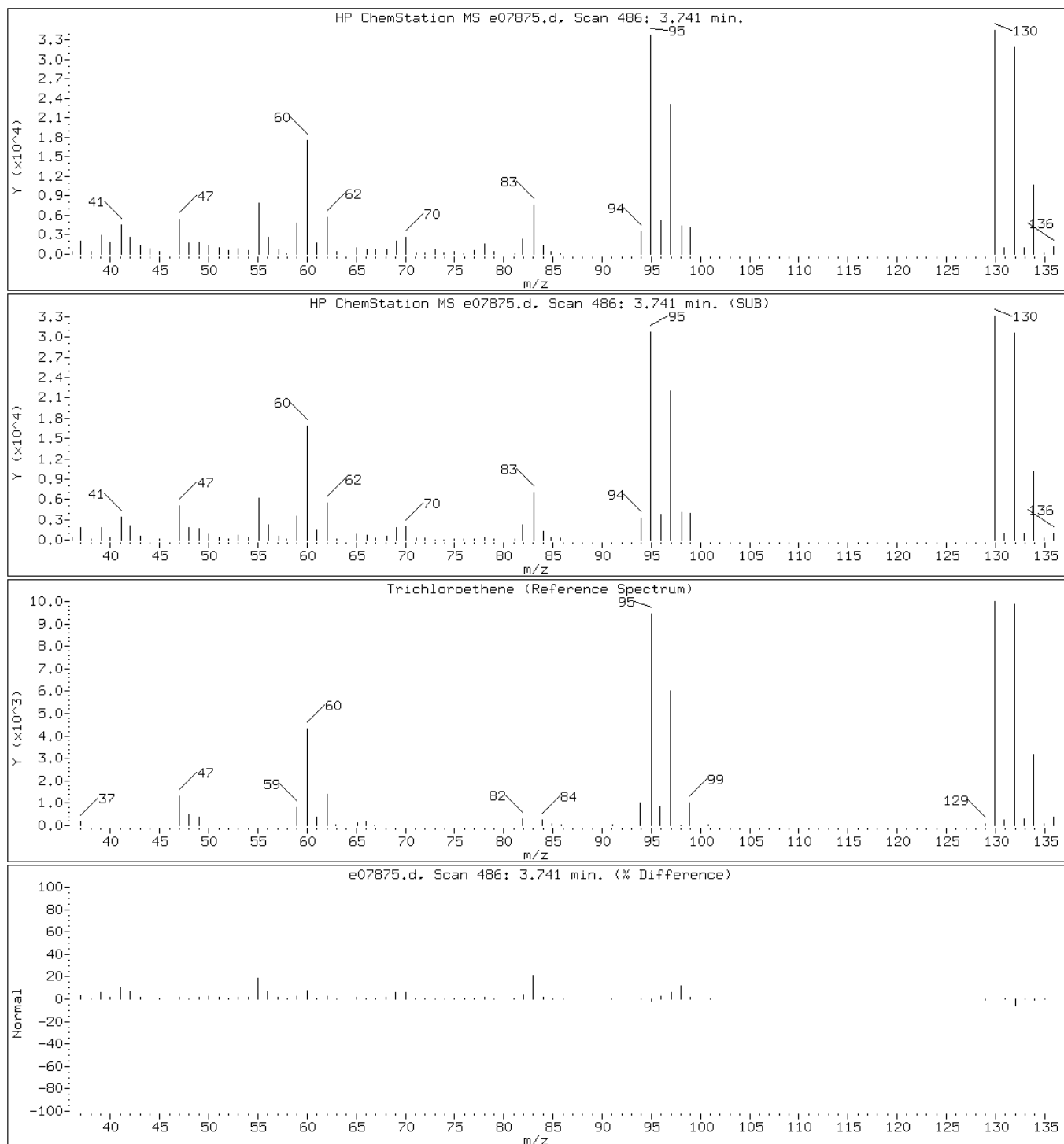
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07875.d

Date: 17-SEP-2012 23:30

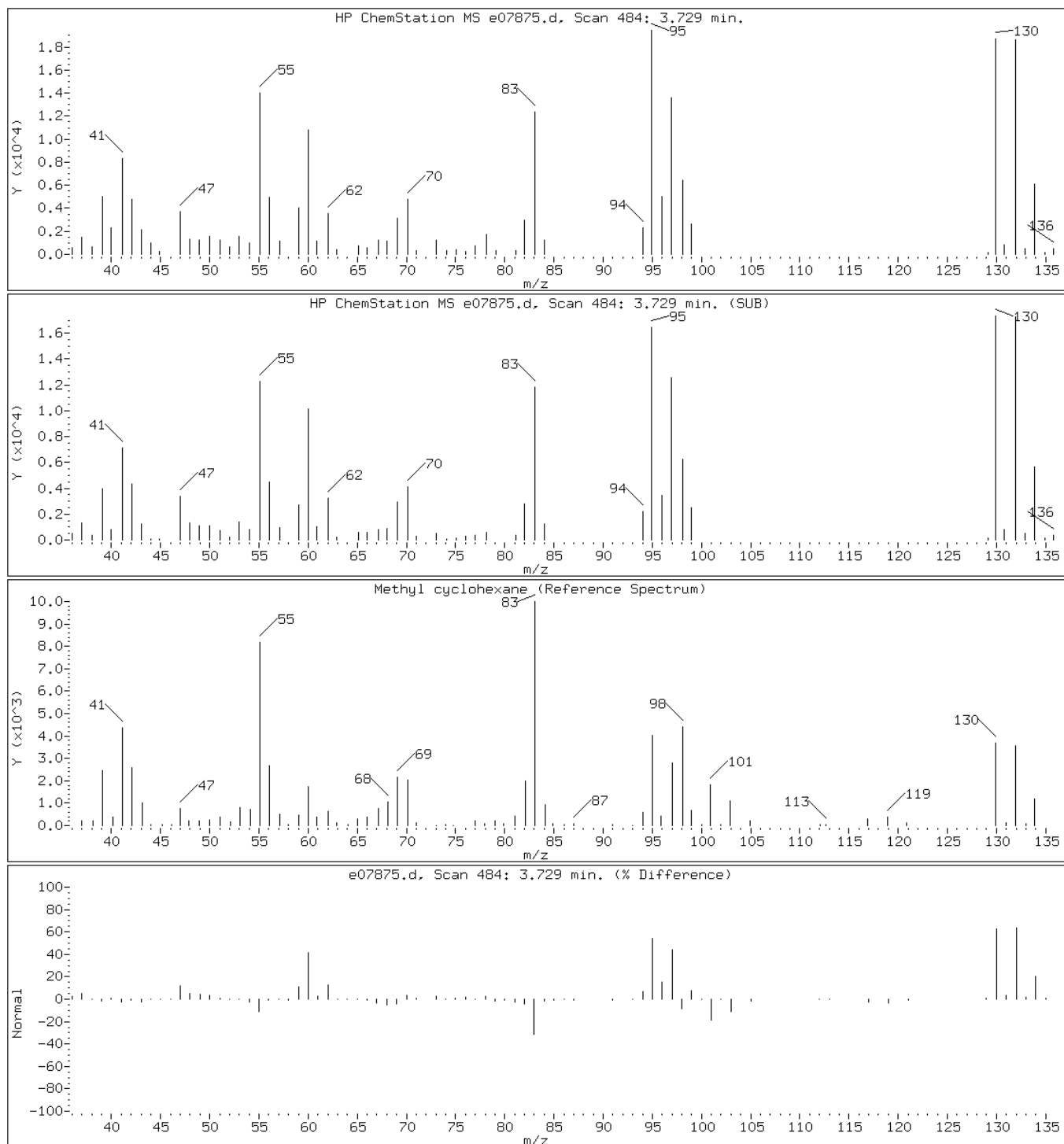
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07875.d

Date: 17-SEP-2012 23:30

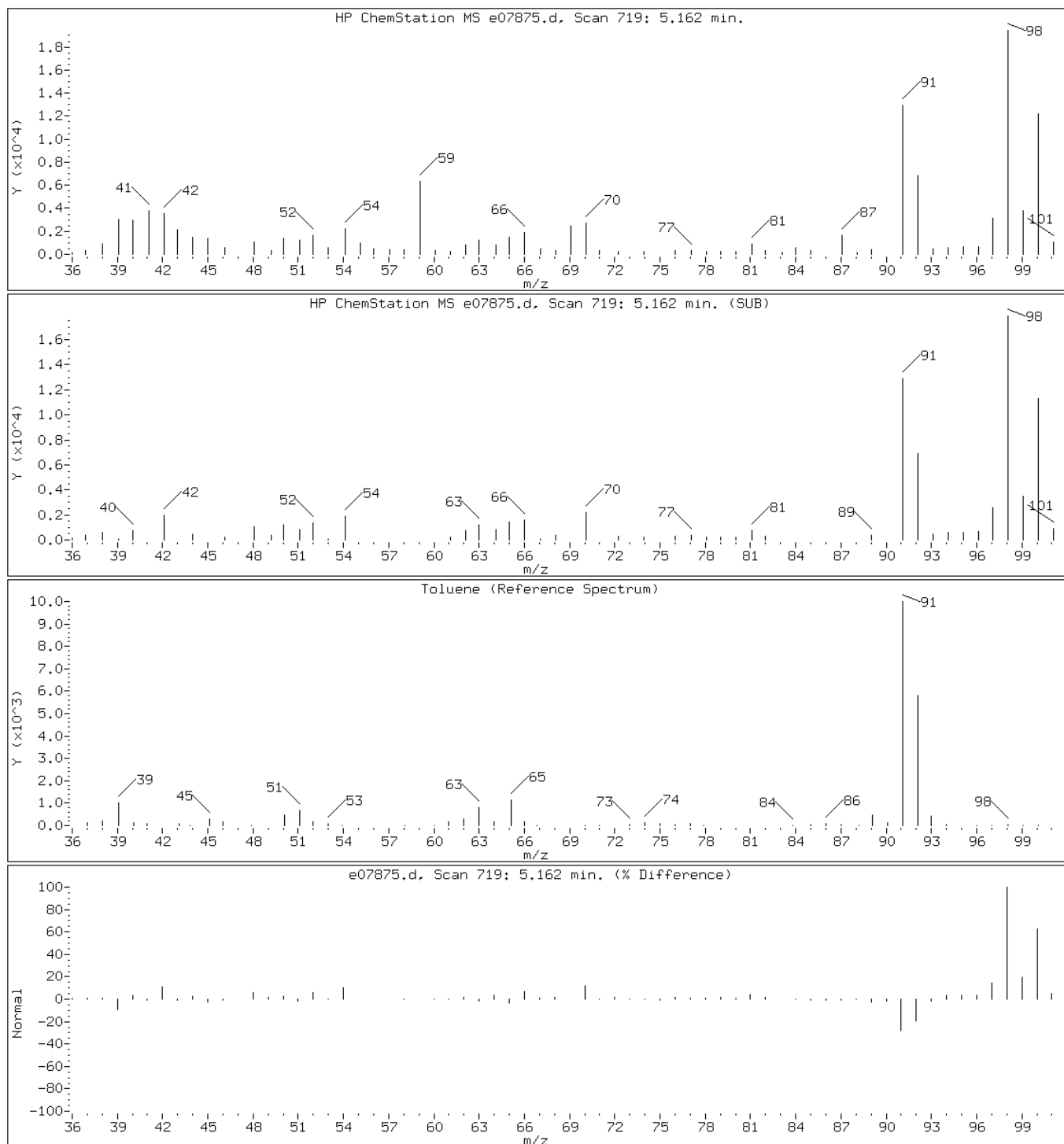
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07875.d

Date: 17-SEP-2012 23:30

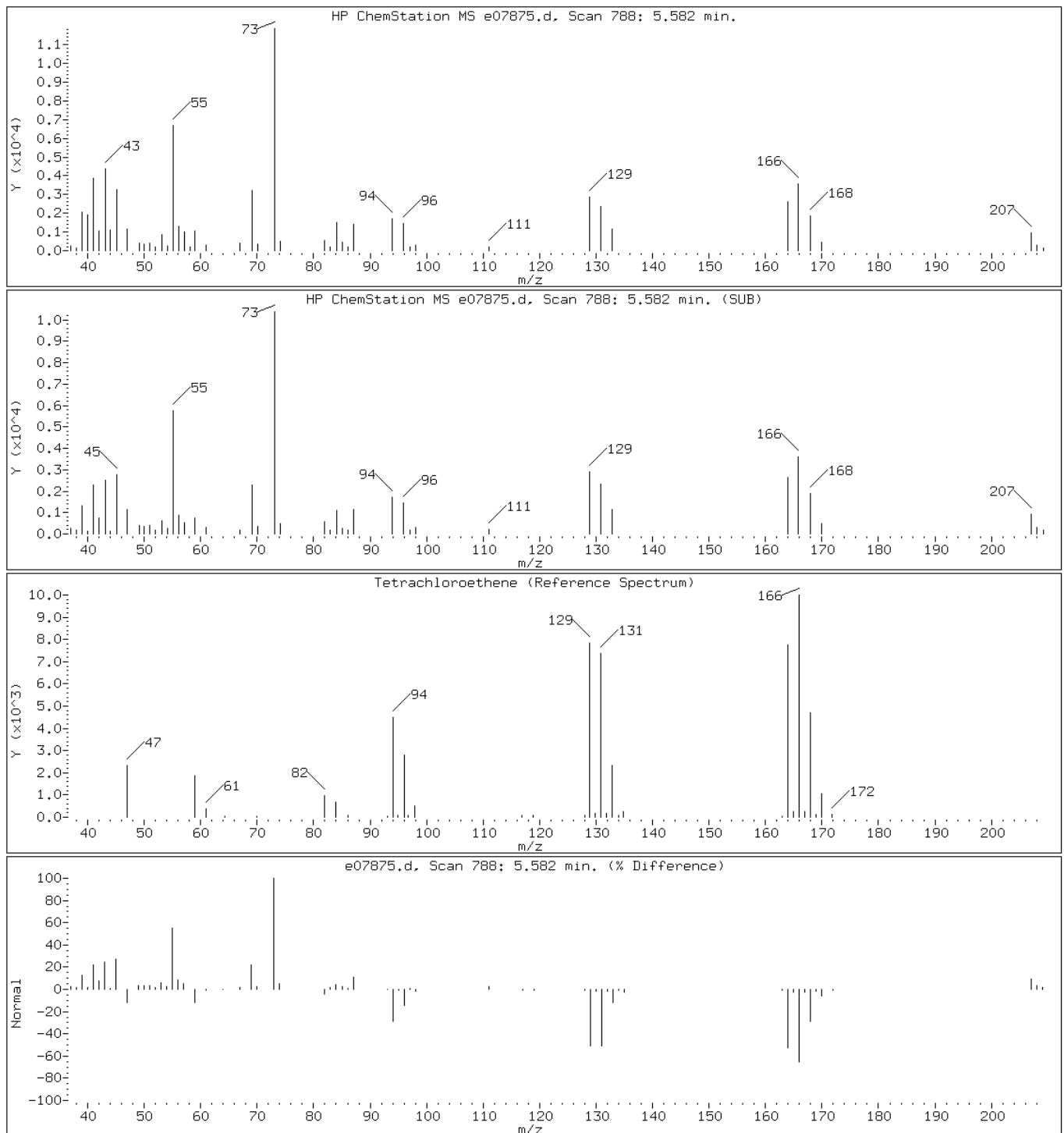
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07875.d

Date: 17-SEP-2012 23:30

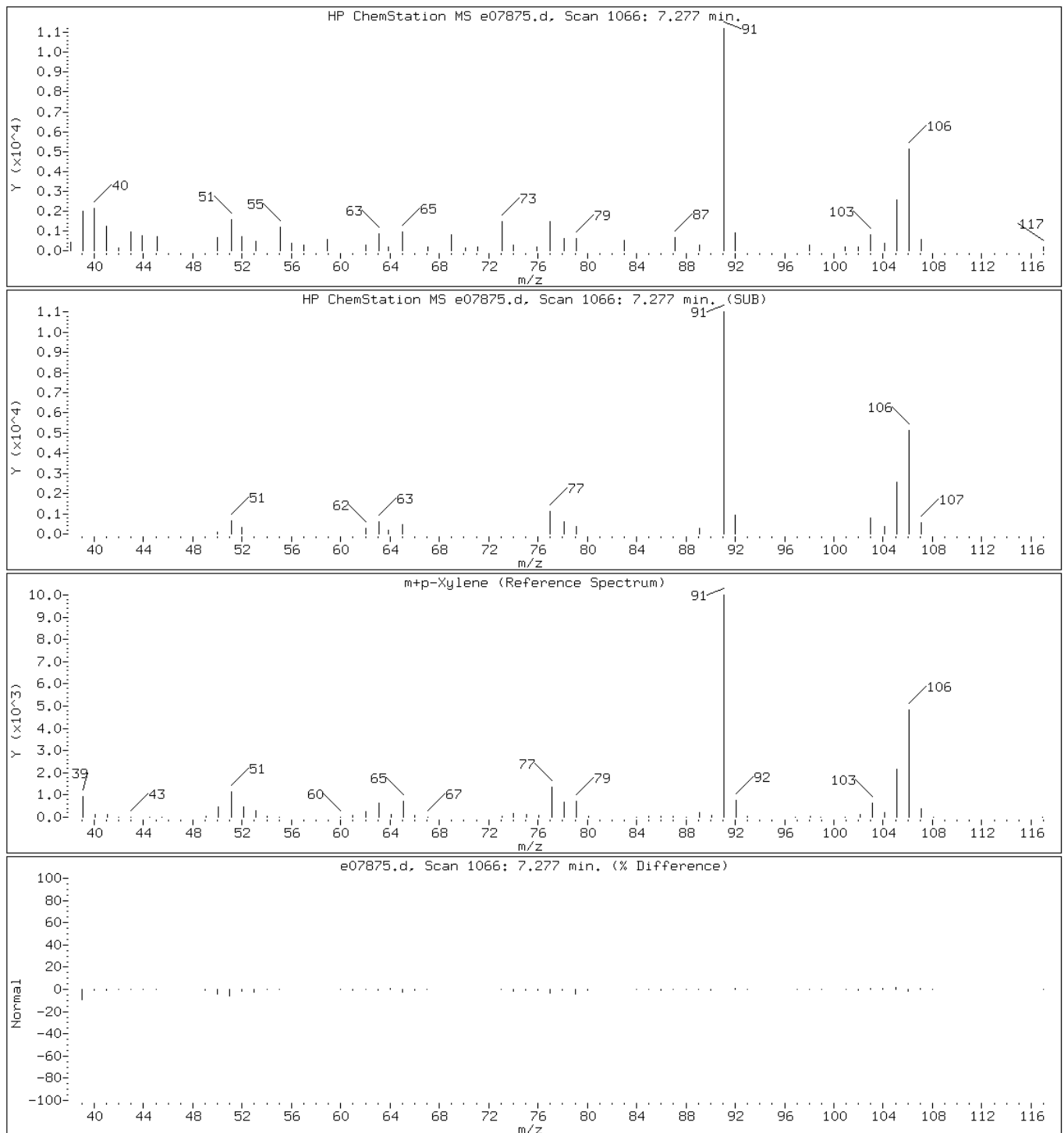
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07875.d

Date: 17-SEP-2012 23:30

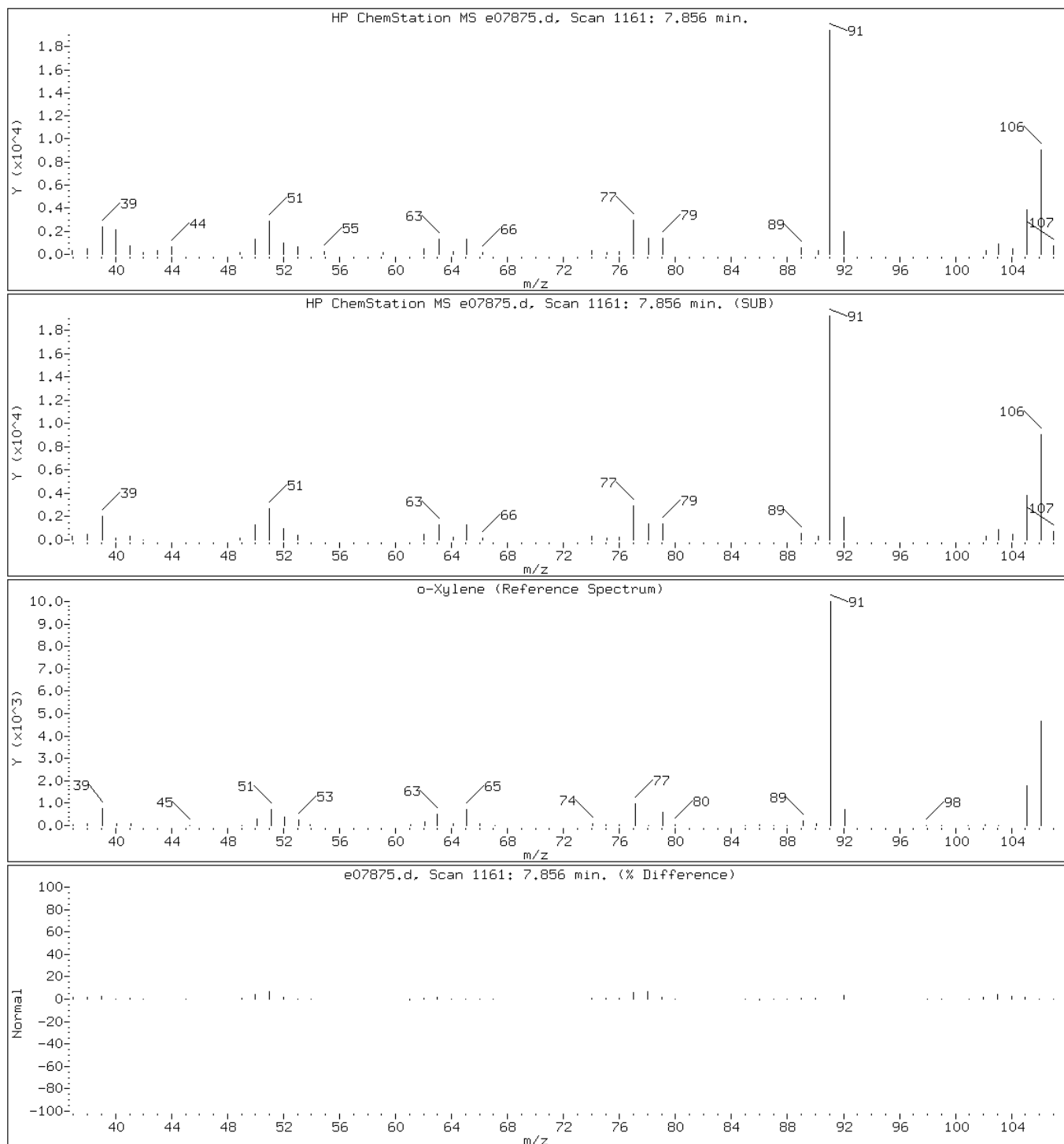
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07875.d

Date: 17-SEP-2012 23:30

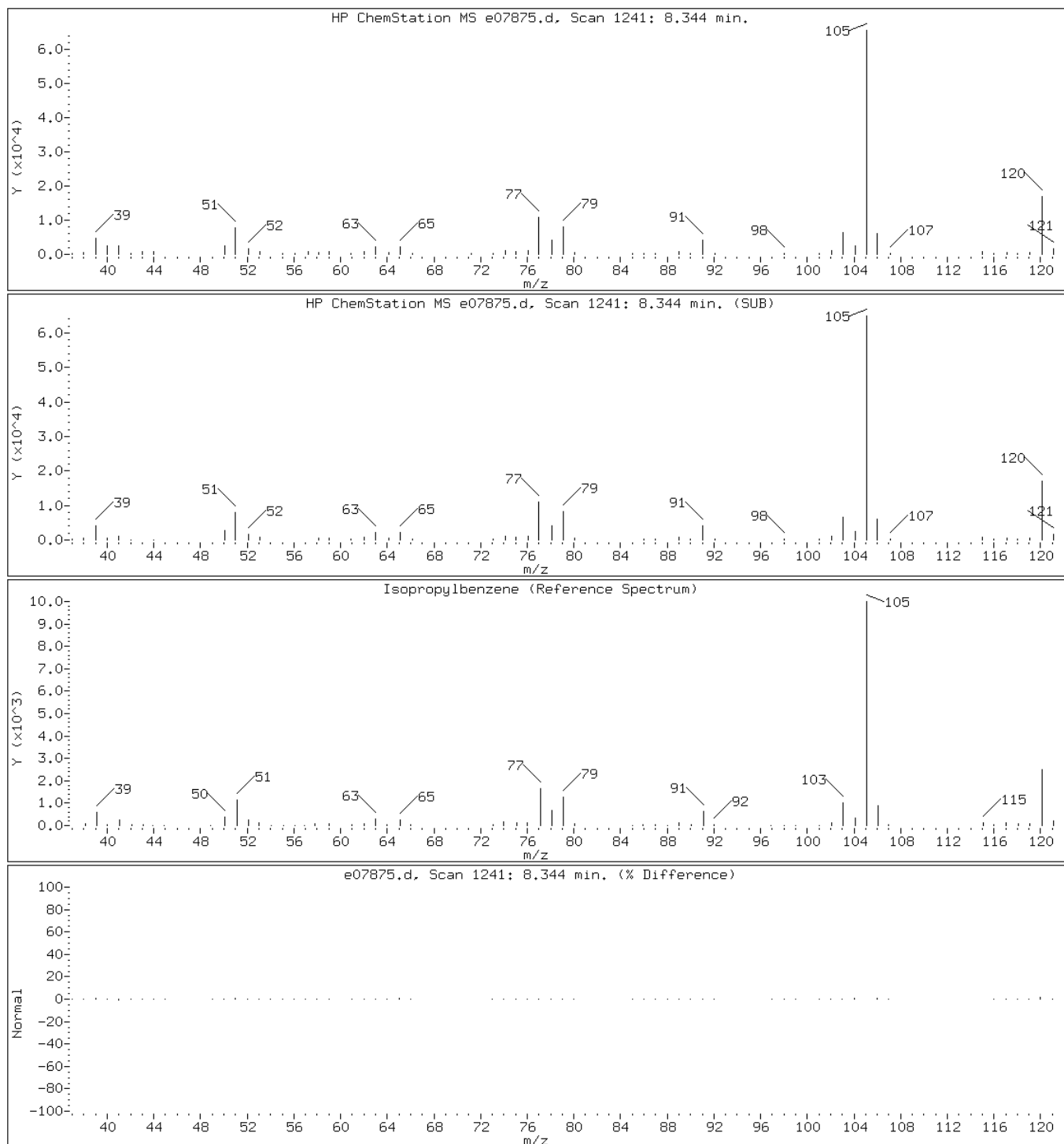
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

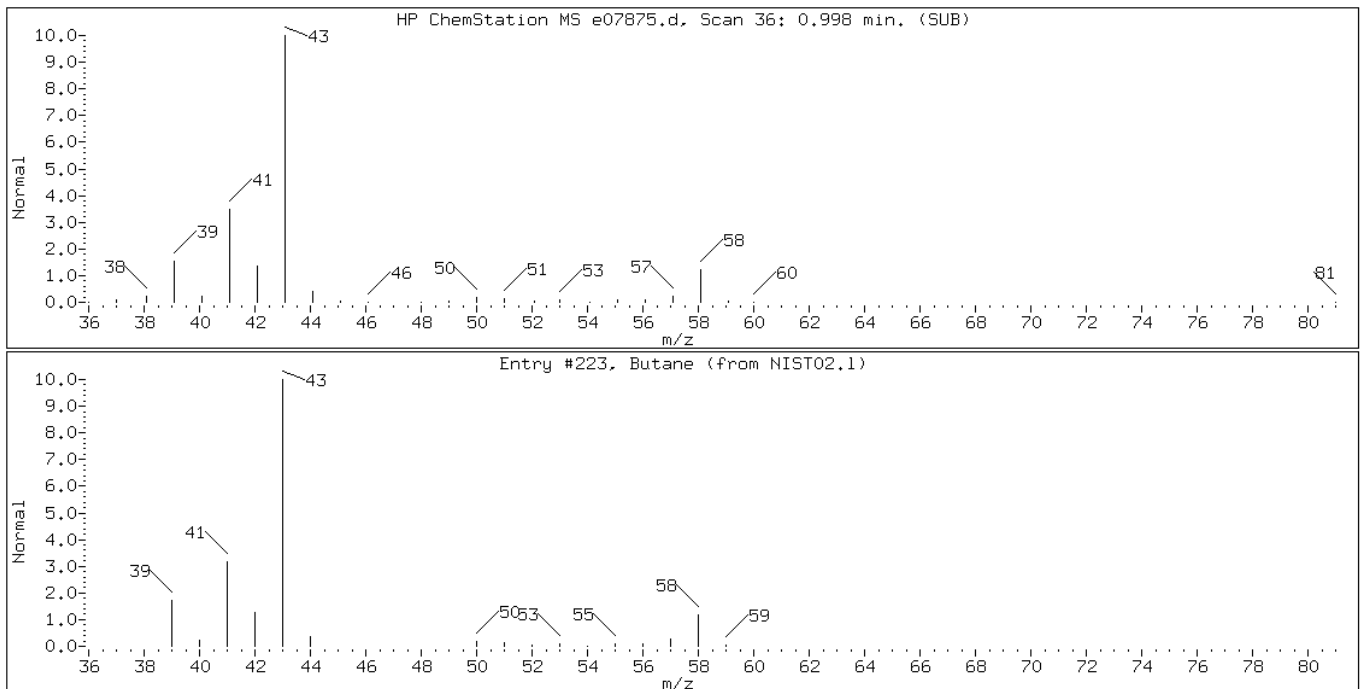
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane-1						
Butane	106-97-8	NIST02.1	223	80	C4H10	58



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

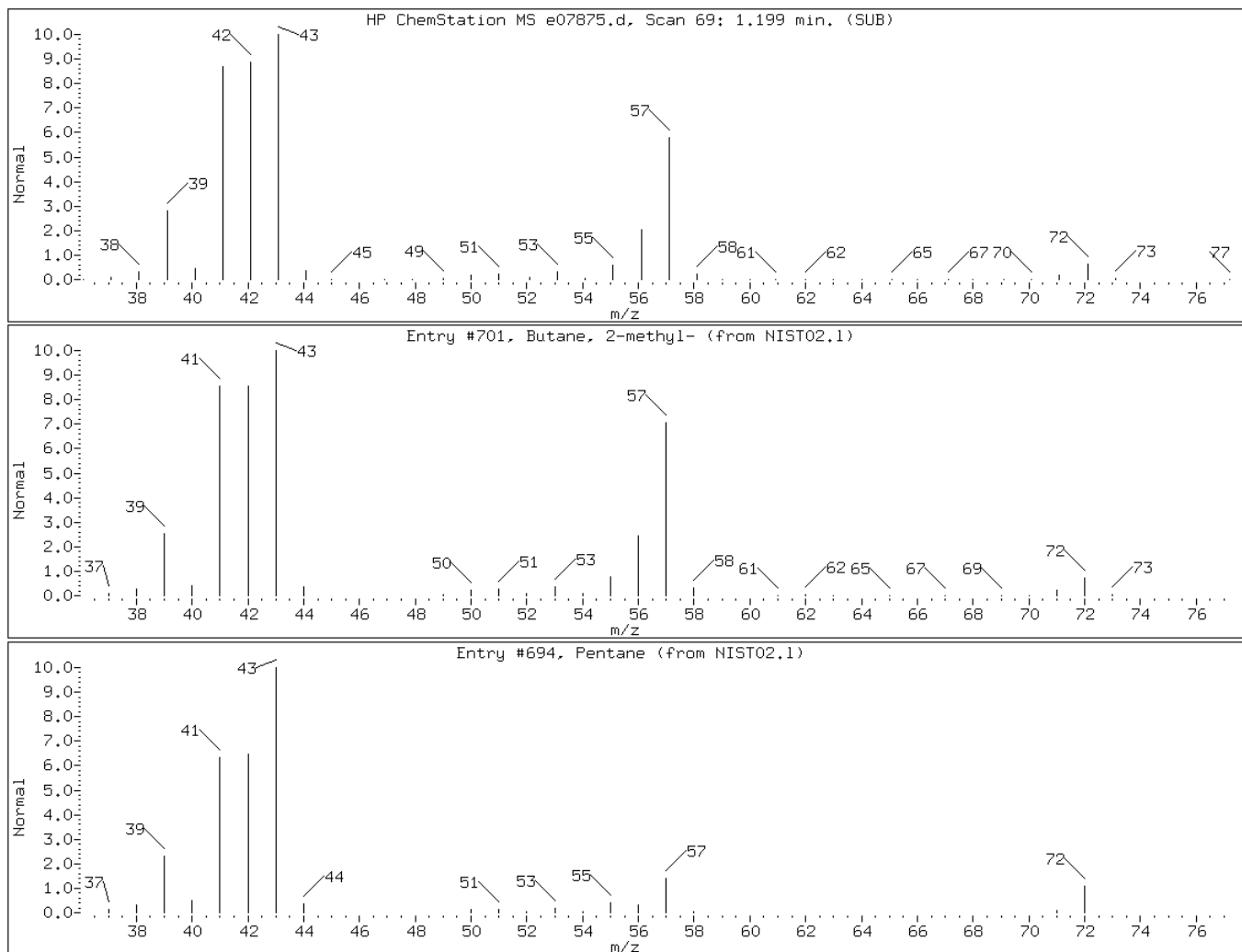
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	94	C5H12	72
Pentane	109-66-0	NIST02.1	694	56	C5H12	72



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

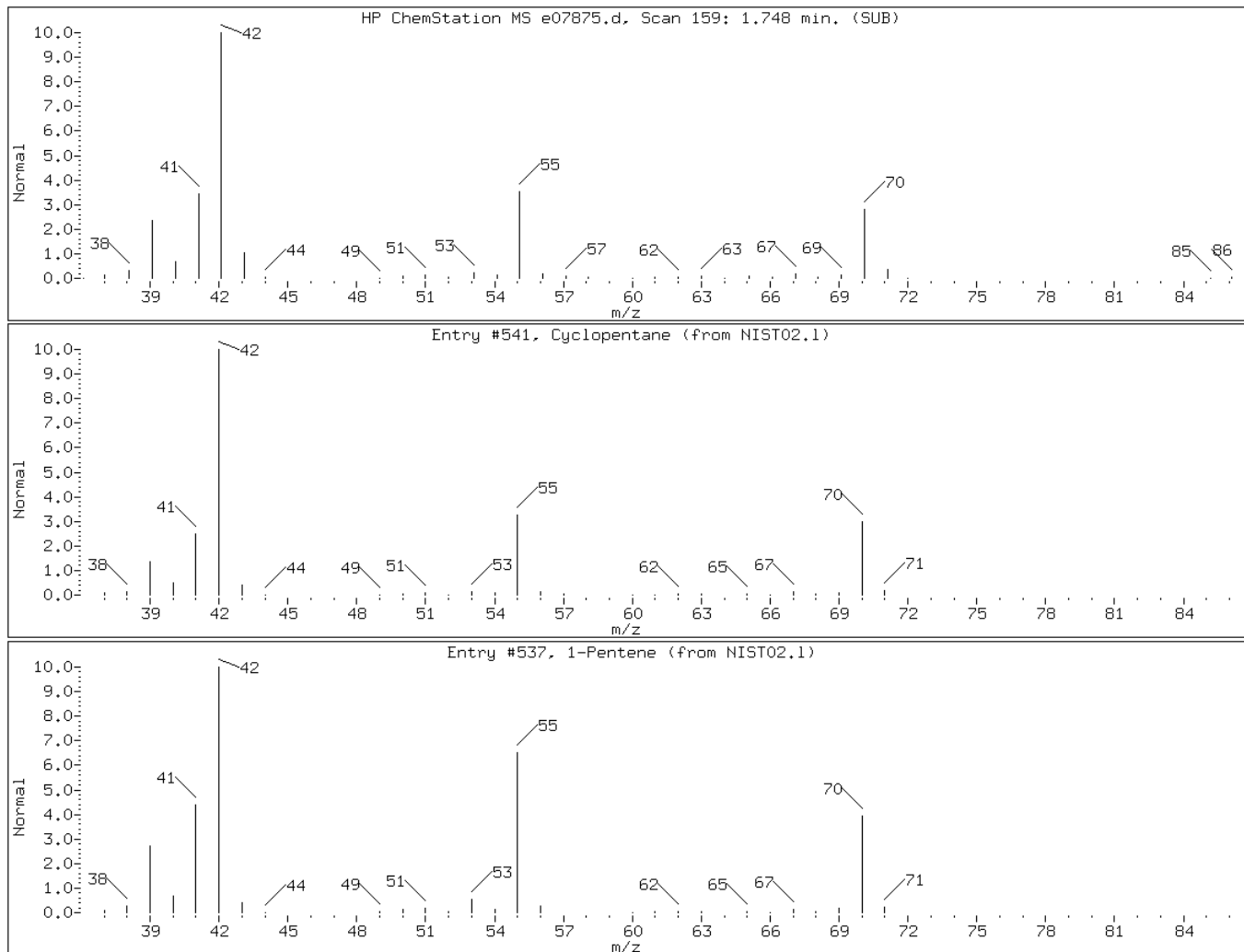
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 1.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	541	86	C5H10	70
1-Pentene	109-67-1	NIST02.1	537	80	C5H10	70



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

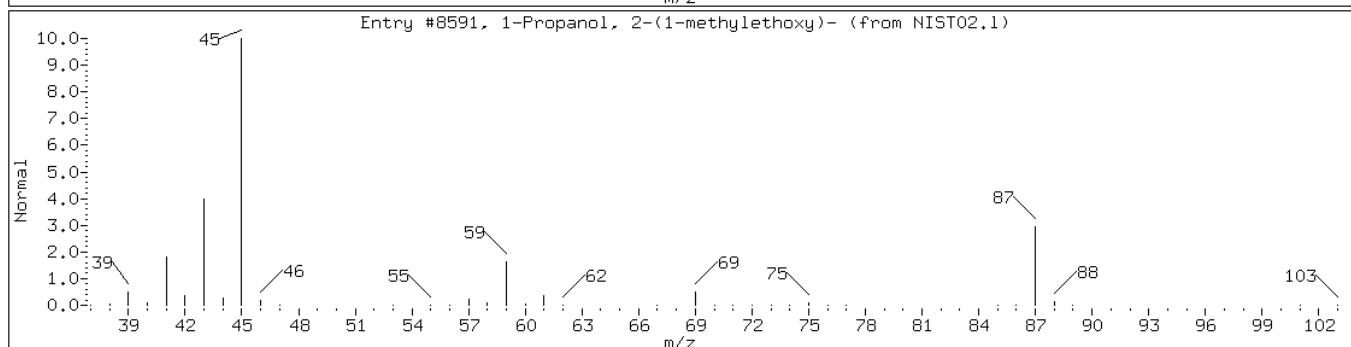
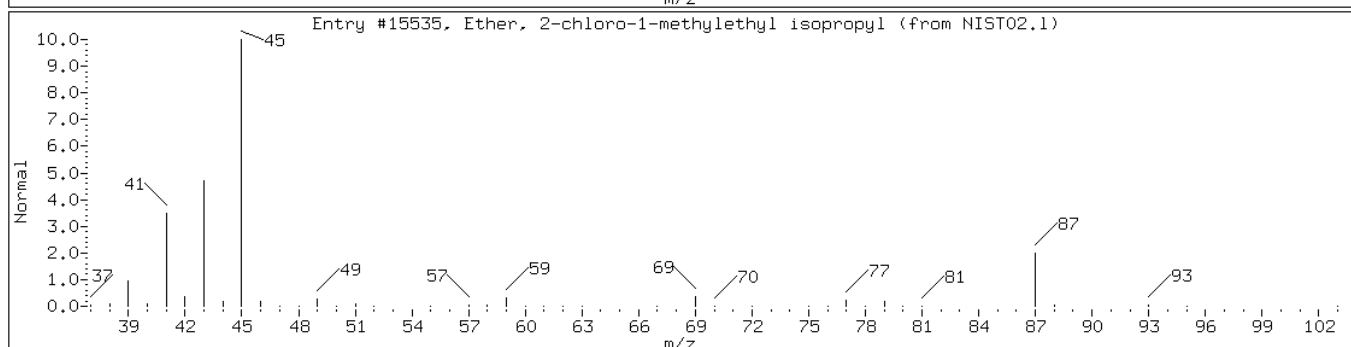
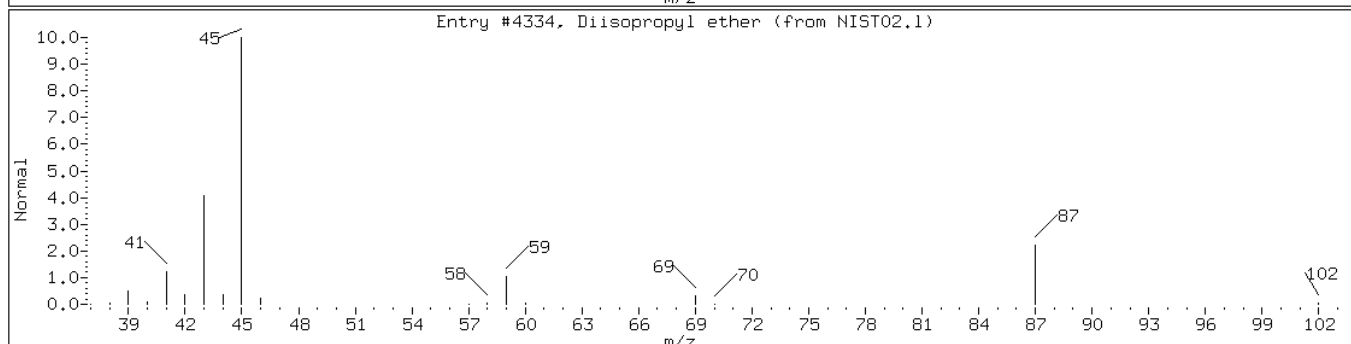
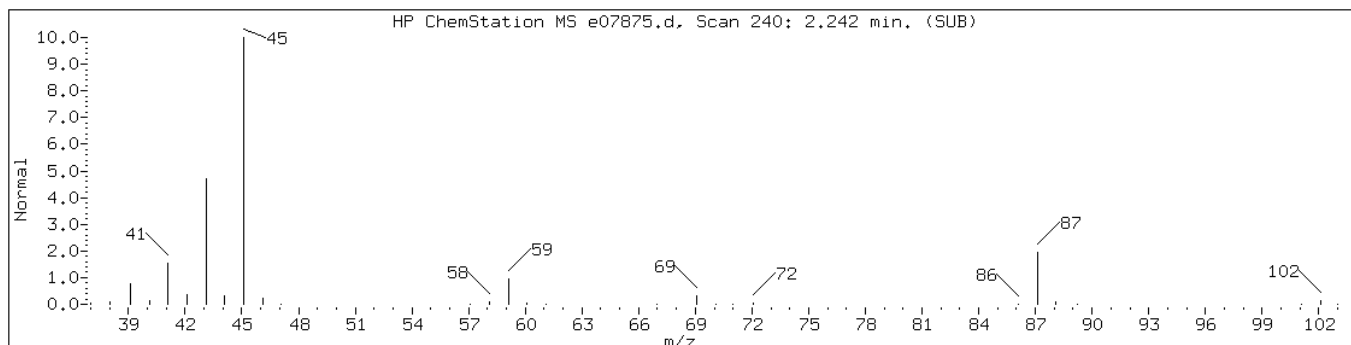
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 2.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.1	4334	83	C6H14O	102
Ether, 2-chloro-1-methylethyl isop	98277-76-0	NIST02.1	15535	78	C6H13ClO	136
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.1	8591	47	C6H14O2	118



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

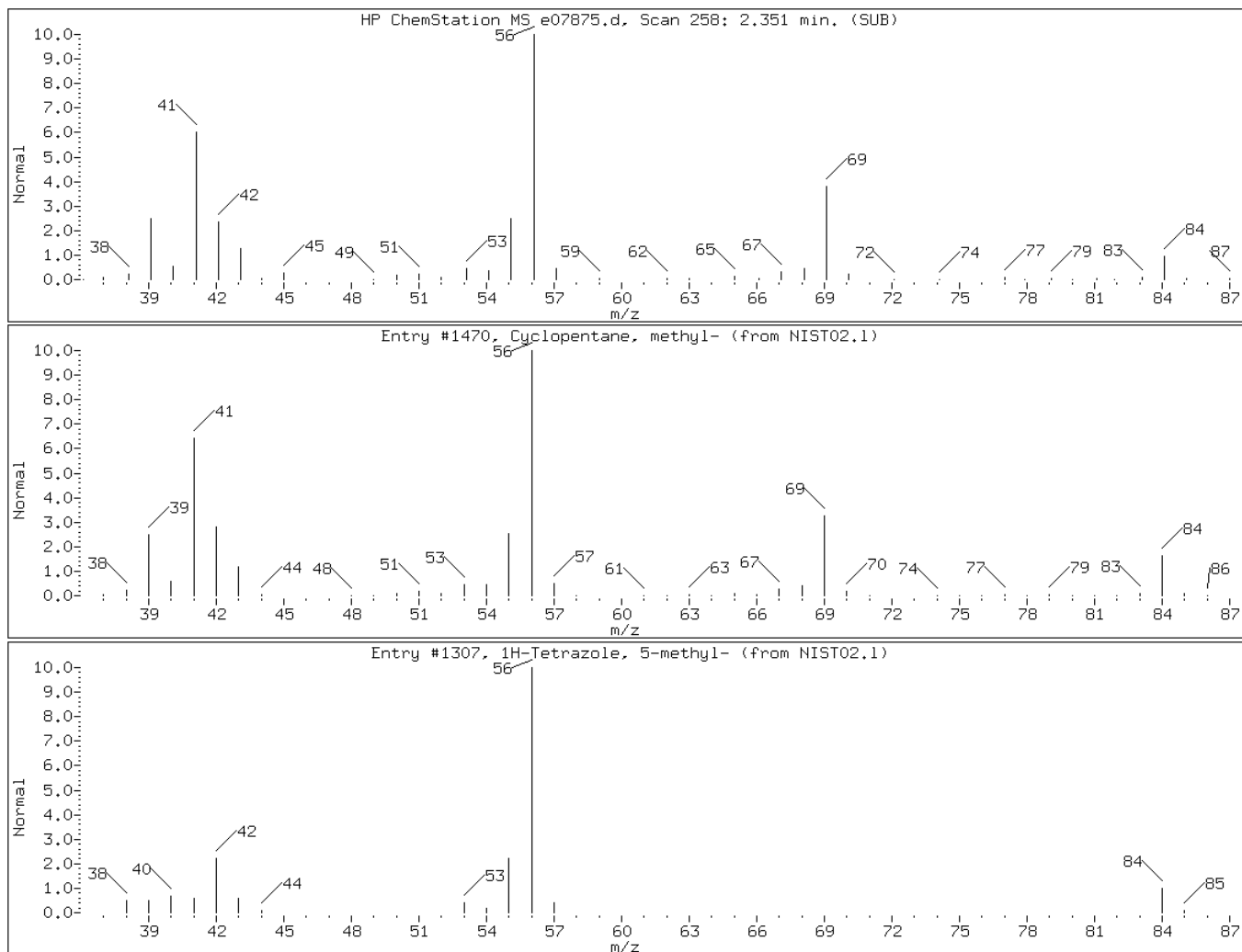
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	78	C2H4N4	84



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

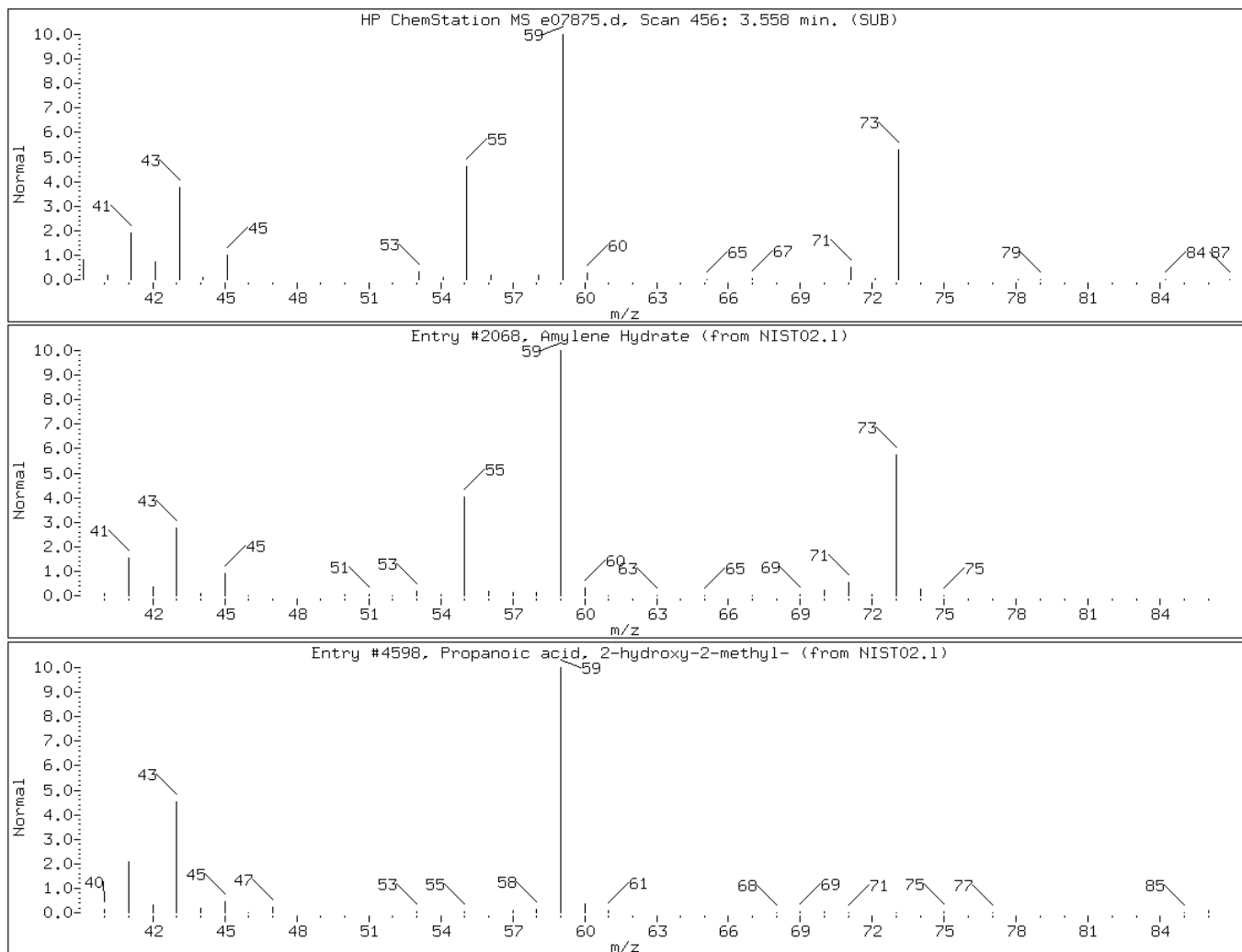
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Amylene Hydrate	75-85-4	NIST02.1	2068	78	C5H12O	88
Propanoic acid, 2-hydroxy-2-methyl	594-61-6	NIST02.1	4598	42	C4H8O3	104



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

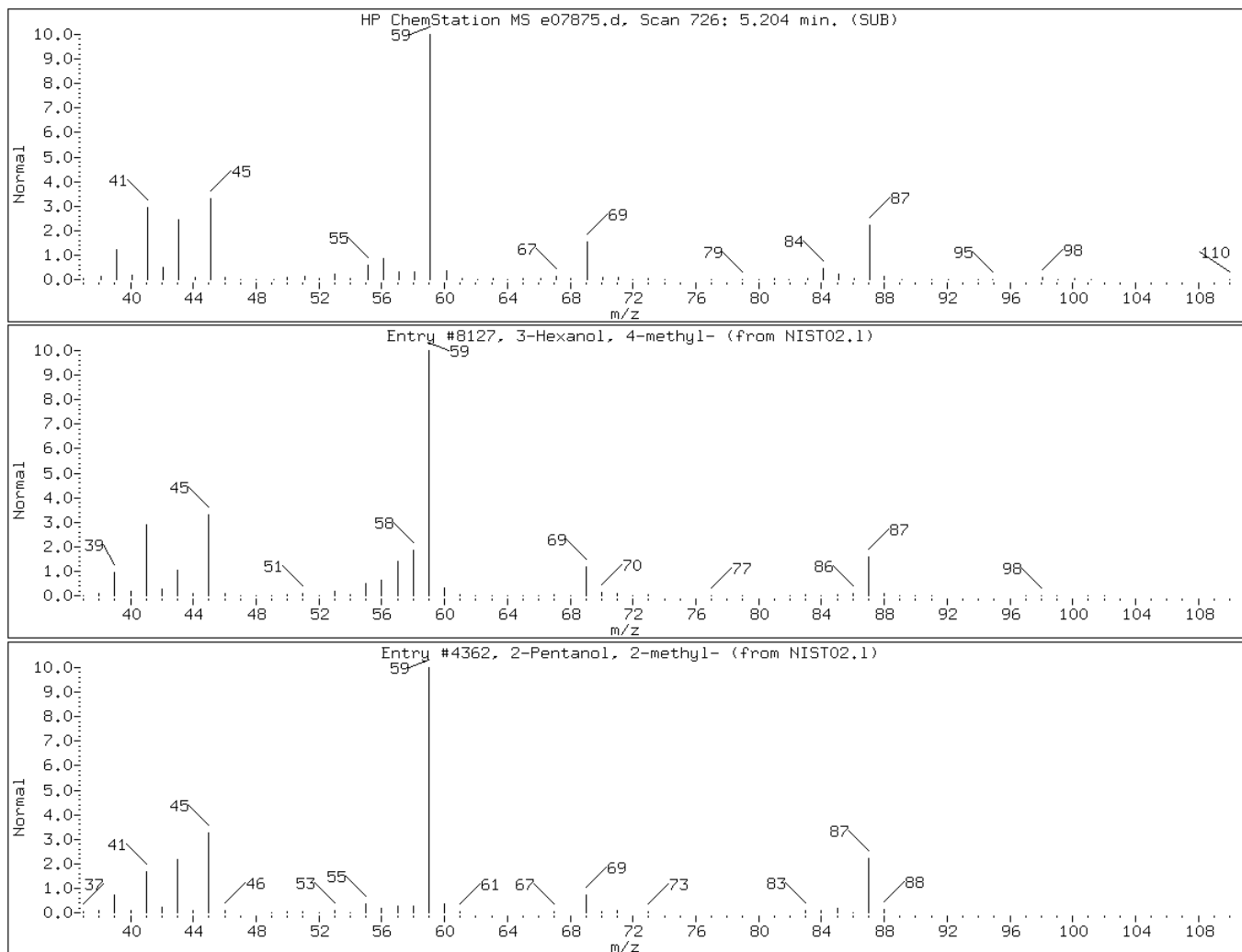
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 5.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol						
3-Hexanol, 4-methyl-	615-29-2	NIST02.1	8127	78	C7H16O	116
2-Pentanol, 2-methyl-	590-36-3	NIST02.1	4362	78	C6H14O	102



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

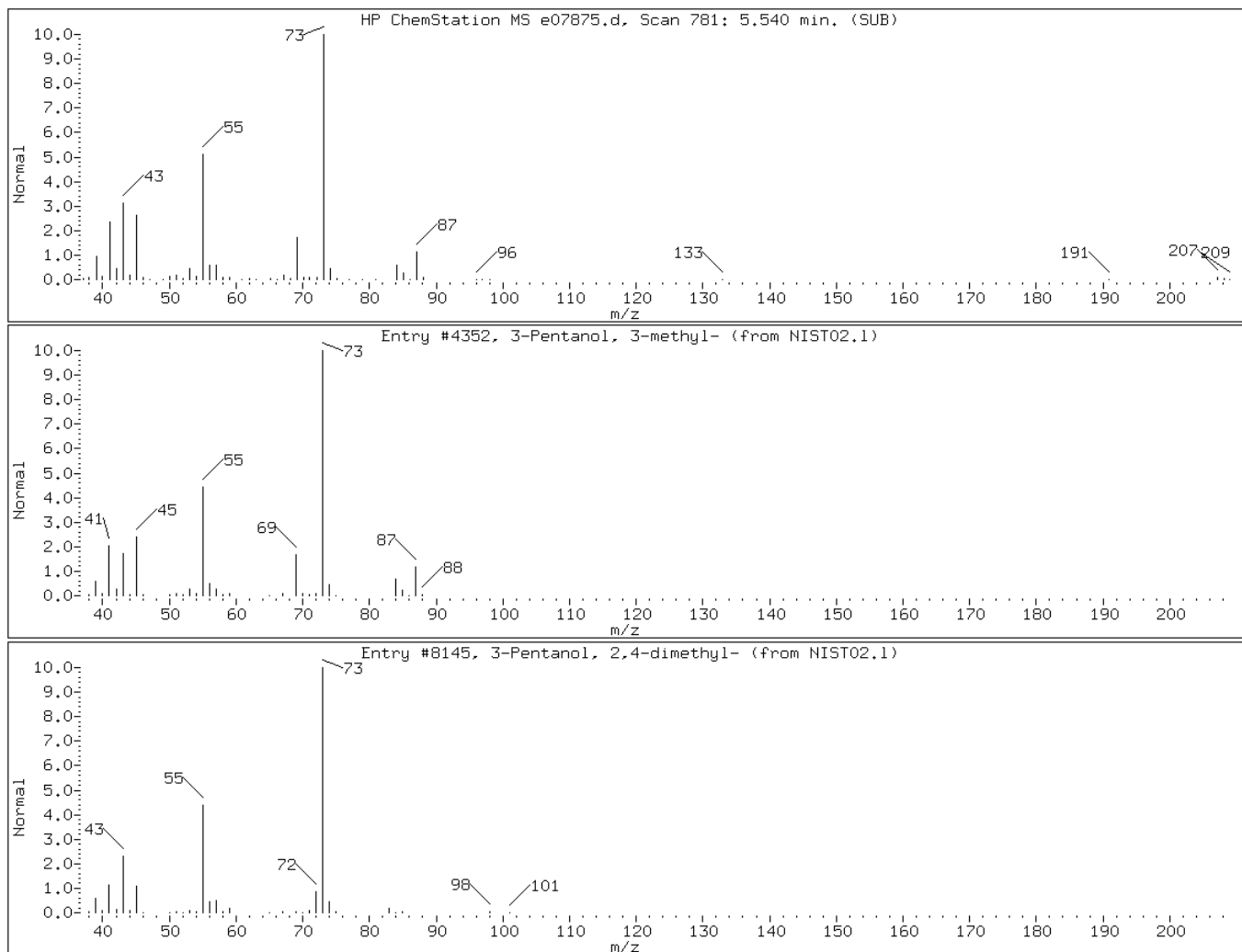
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 5.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol-1						
3-Pentanol, 3-methyl-	77-74-7	NIST02.1	4352	90	C6H14O	102
3-Pentanol, 2,4-dimethyl-	600-36-2	NIST02.1	8145	43	C7H16O	116



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

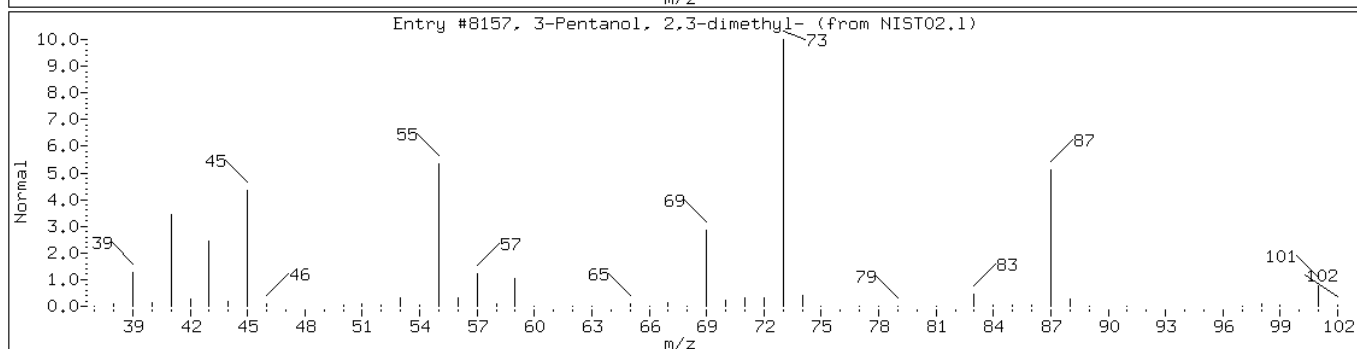
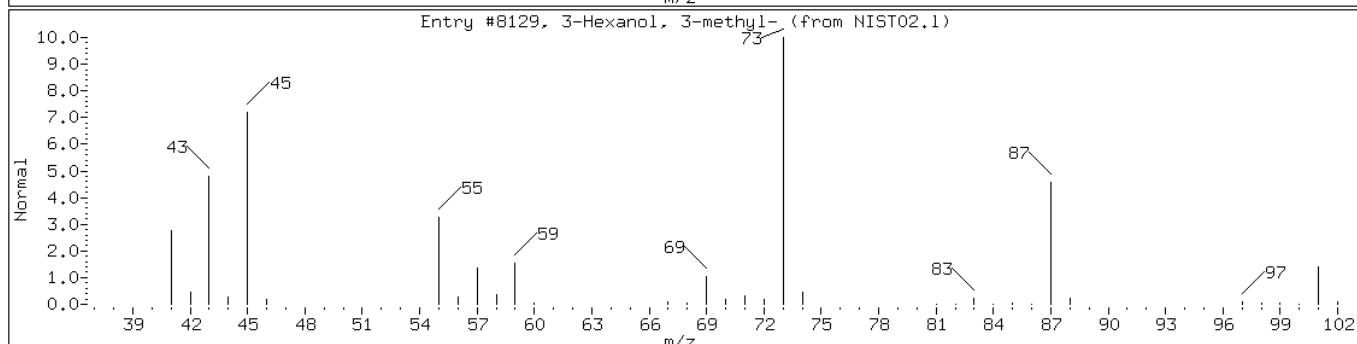
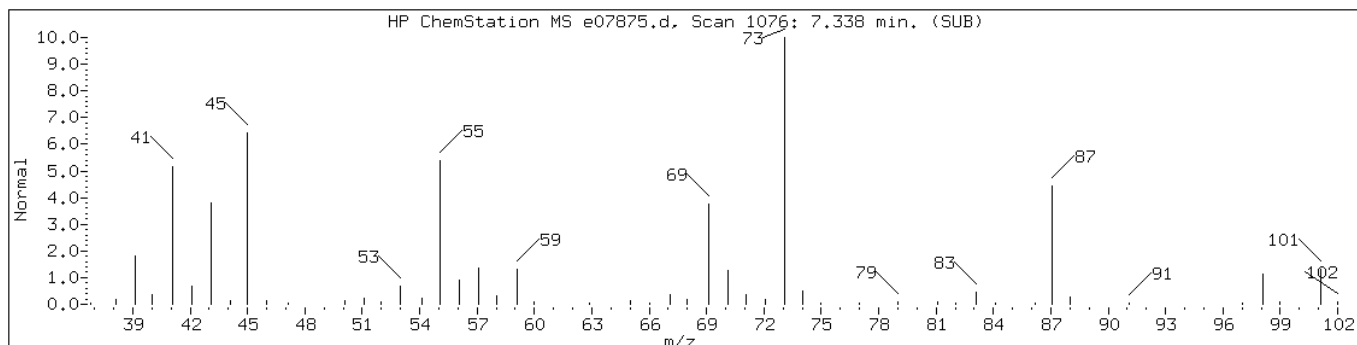
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 7.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol-2						
3-Hexanol, 3-methyl-	597-96-6	NIST02.1	8129	72	C7H16O	116
3-Pentanol, 2,3-dimethyl-	595-41-5	NIST02.1	8157	53	C7H16O	116



Data File: e07875.d

Date: 17-SEP-2012 23:30

Client ID: WG-17338-091112-VAS

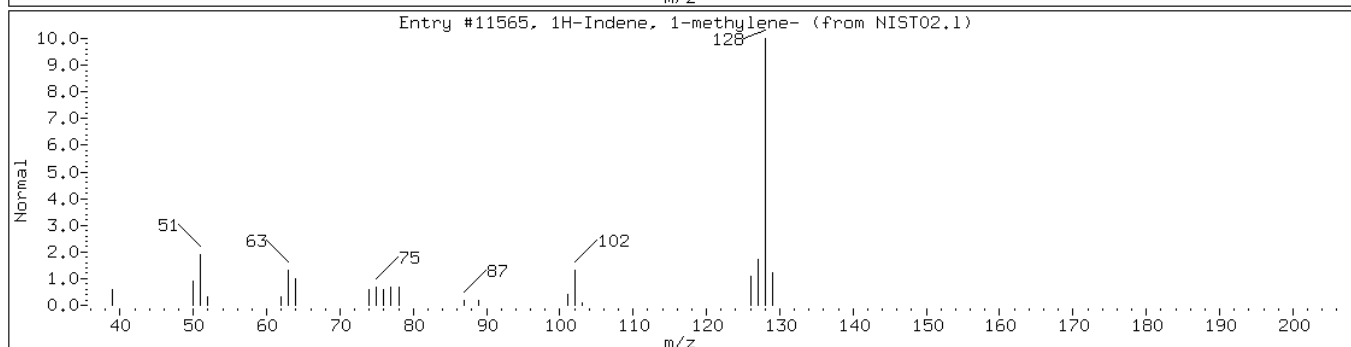
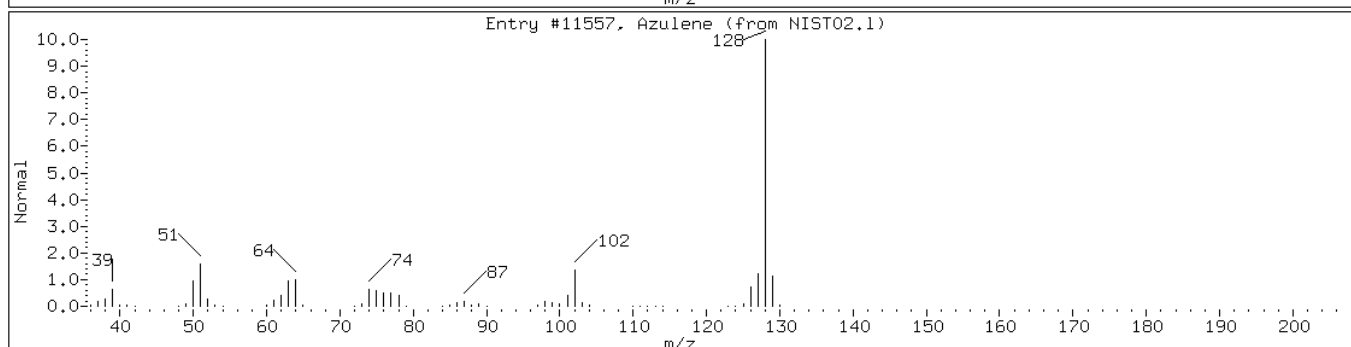
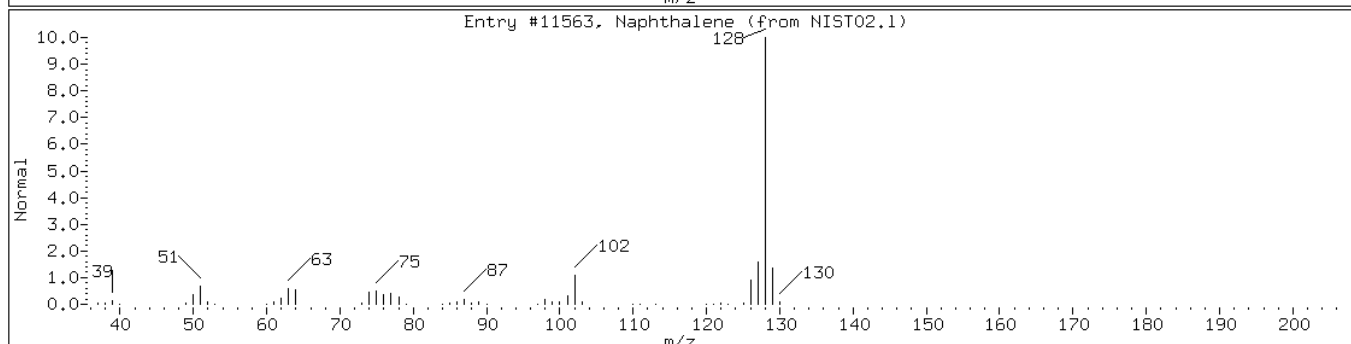
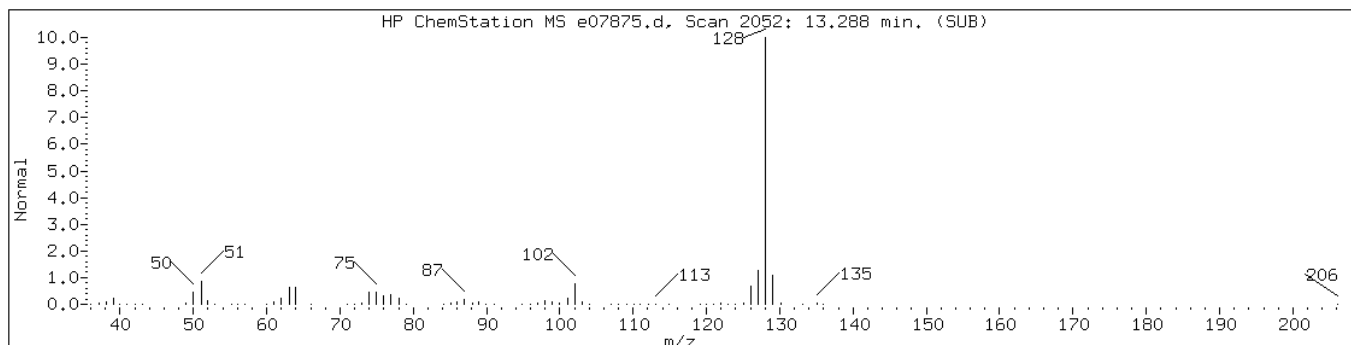
Instrument: VOAMS5.i

Sample Info: 460-44505-B-8

Operator: GC/MS VOAMS5

Retention Time: 13.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11557	93	C10H8	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	90	C10H8	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-9

Matrix: Water Lab File ID: e07877.d

Analysis Method: 8260B Date Collected: 09/11/2012 14:40

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 00:16

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.32	J	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.71	J	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.29	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.32	J	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	6.5		1.0	0.080
100-41-4	Ethylbenzene	0.12	J	1.0	0.10
110-82-7	Cyclohexane	76		1.0	0.16
56-23-5	Carbon tetrachloride	0.34	J	1.0	0.060
71-43-2	Benzene	530	E	1.0	0.080
107-06-2	1,2-Dichloroethane	21		1.0	0.19
79-01-6	Trichloroethene	1.9		1.0	0.090
108-87-2	Methylcyclohexane	23		1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.73	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-9
 Matrix: Water Lab File ID: e07877.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:40
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 00:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.62	J	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	3.6		3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	13		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-9
Matrix: Water Lab File ID: e07877.d
Analysis Method: 8260B Date Collected: 09/11/2012 14:40
Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 00:16
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128185 Units: ug/L
Number TICs Found: 10 TIC Result Total: 768

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane-1	1.00	230	J
	C5H12 Alkane	1.21	160	J
	C5H12 Alkane-1	1.30	40	J
	C5H10 Cycloalkane	1.75	93	J
108-20-3	Diisopropyl ether	2.25	25	J N
	C6H12 Cycloalkane	2.36	68	J
	Unknown	3.56	58	J
	Unknown Alcohol	5.20	25	J
	Unknown Alcohol-1	5.54	27	J
91-20-3	Naphthalene	13.29	42	J N

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07877.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07877.d
 Lab Smp Id: 460-44505-B-9 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 18-SEP-2012 00:16
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-B-9
 Misc Info : 460-44505-B-9
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
28 MTBE		73	2.016	2.010 (0.560)		21247	0.70644	0.71(a)
30 1,1-Dichloroethane		63	2.309	2.302 (0.641)		5993	0.28786	0.29(aH)
36 cis-1,2-Dichloroethene		96	2.650	2.644 (0.736)		3501	0.32431	0.32(a)
42 Chloroform		83	2.845	2.839 (0.790)		123268	6.47956	6.5
44 Cyclohexane		56	2.790	2.778 (0.775)		1488220	75.8207	76
45 Carbon Tetrachloride		117	2.937	2.924 (0.815)		4229	0.34027	0.34(a)
48 Benzene		78	3.254	3.253 (0.468)		23779969	526.579	530(A)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.357 (0.934)		660849	55.1058	55
49 1,2-Dichloroethane		62	3.418	3.412 (0.949)		306938	20.7898	21
* 52 Fluorobenzene		96	3.601	3.595 (1.000)		2436208	50.0000	
54 Trichloroethene		95	3.741	3.735 (1.039)		20297	1.91573	1.9
56 Methyl cyclohexane		83	3.729	3.723 (1.036)		380863	22.9011	23
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		2254637	51.3468	51
66 Toluene		91	5.162	5.156 (0.742)		36826	0.72984	0.73(a)
71 Tetrachloroethene		166	5.582	5.582 (0.803)		7094	0.61583	0.62(a)
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		1879070	50.0000	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07877.d
 Report Date: 18-Sep-2012 10:43

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
81 Ethylbenzene	106	7.064	7.064	(1.016)	2085	0.11967	0.12(a)
82 m+p-Xylene	106	7.277	7.277	(1.046)	11800	0.52740	0.53(a)
84 o-Xylene	106	7.862	7.856	(1.131)	67815	3.09601	3.1
88 Isopropylbenzene	105	8.350	8.344	(1.201)	733718	13.2529	13
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	854873	51.1796	51
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1046991	50.0000	
111 1,2-Dichlorobenzene	146	11.154	11.148	(1.066)	7853	0.31701	0.32(a)
M 120 1,2-Dichloroethene (Total)	100				3501	0.32431	0.32(a)
M 121 Xylene (Total)	100				79615	3.62341	3.6

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Data File: e07877.d

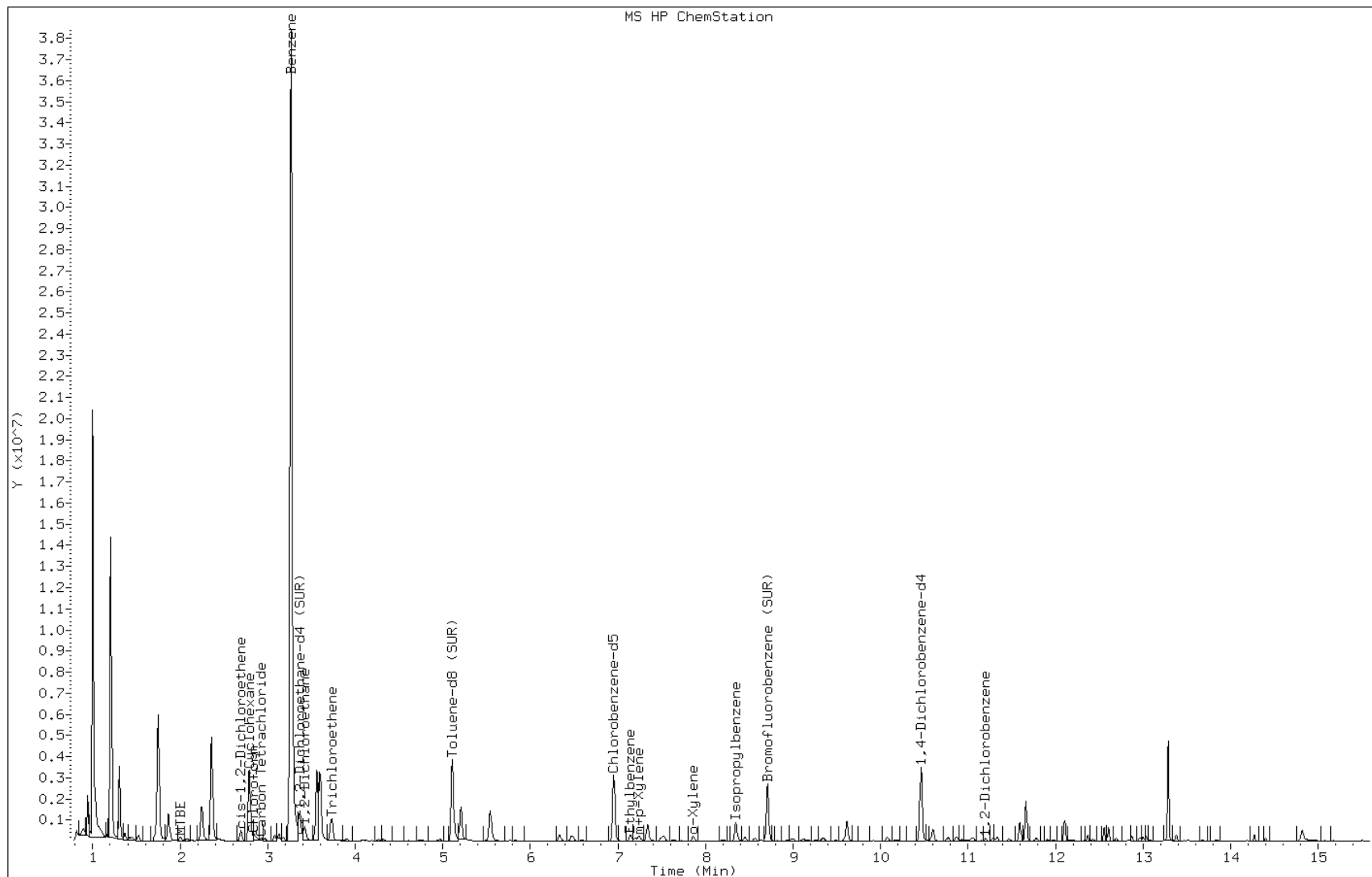
Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5



Data File: e07877.d

Date: 18-SEP-2012 00:16

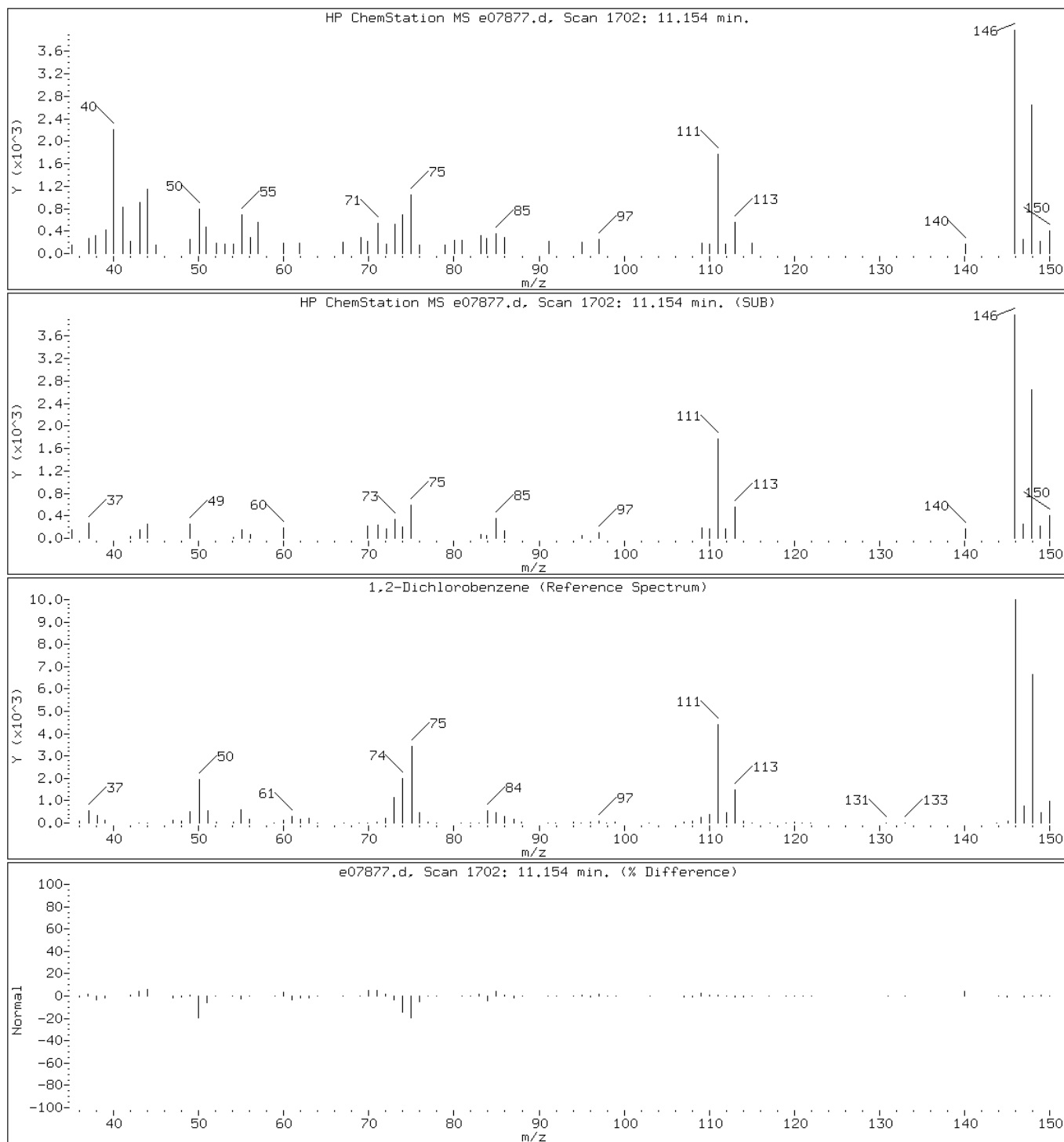
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e07877.d

Date: 18-SEP-2012 00:16

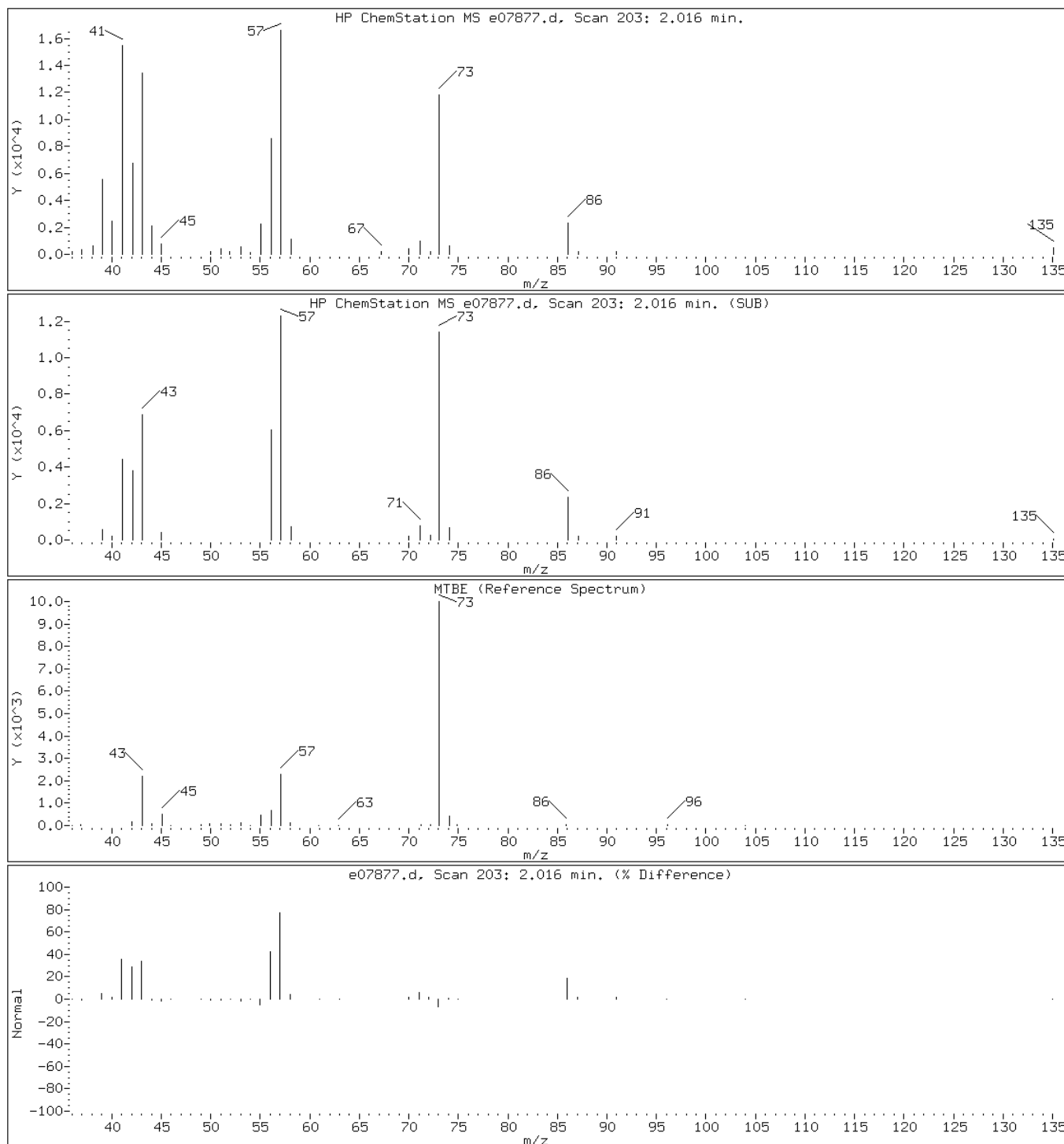
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

28 MTBE



Data File: e07877.d

Date: 18-SEP-2012 00:16

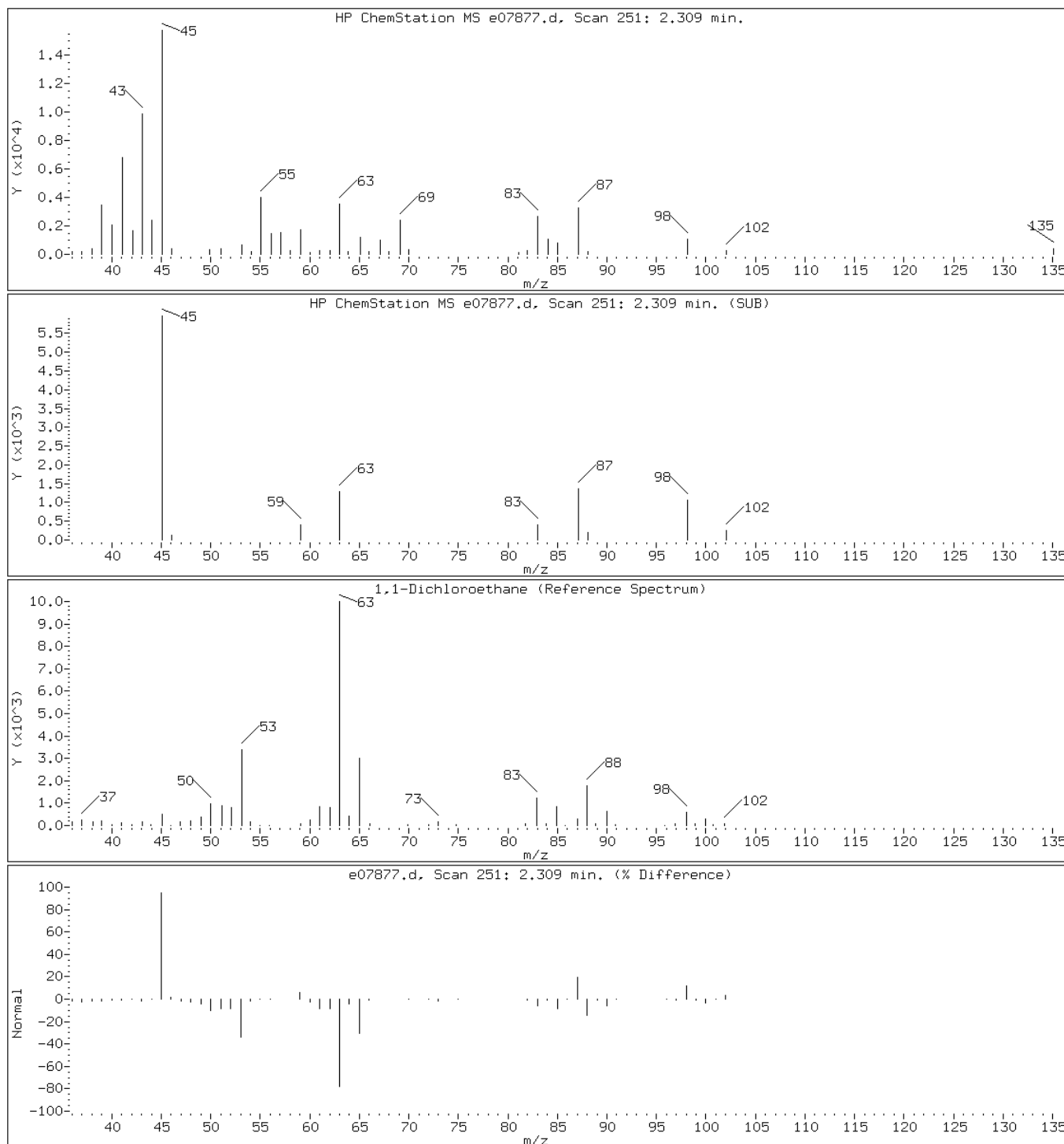
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

30 1,1-Dichloroethane



Data File: e07877.d

Date: 18-SEP-2012 00:16

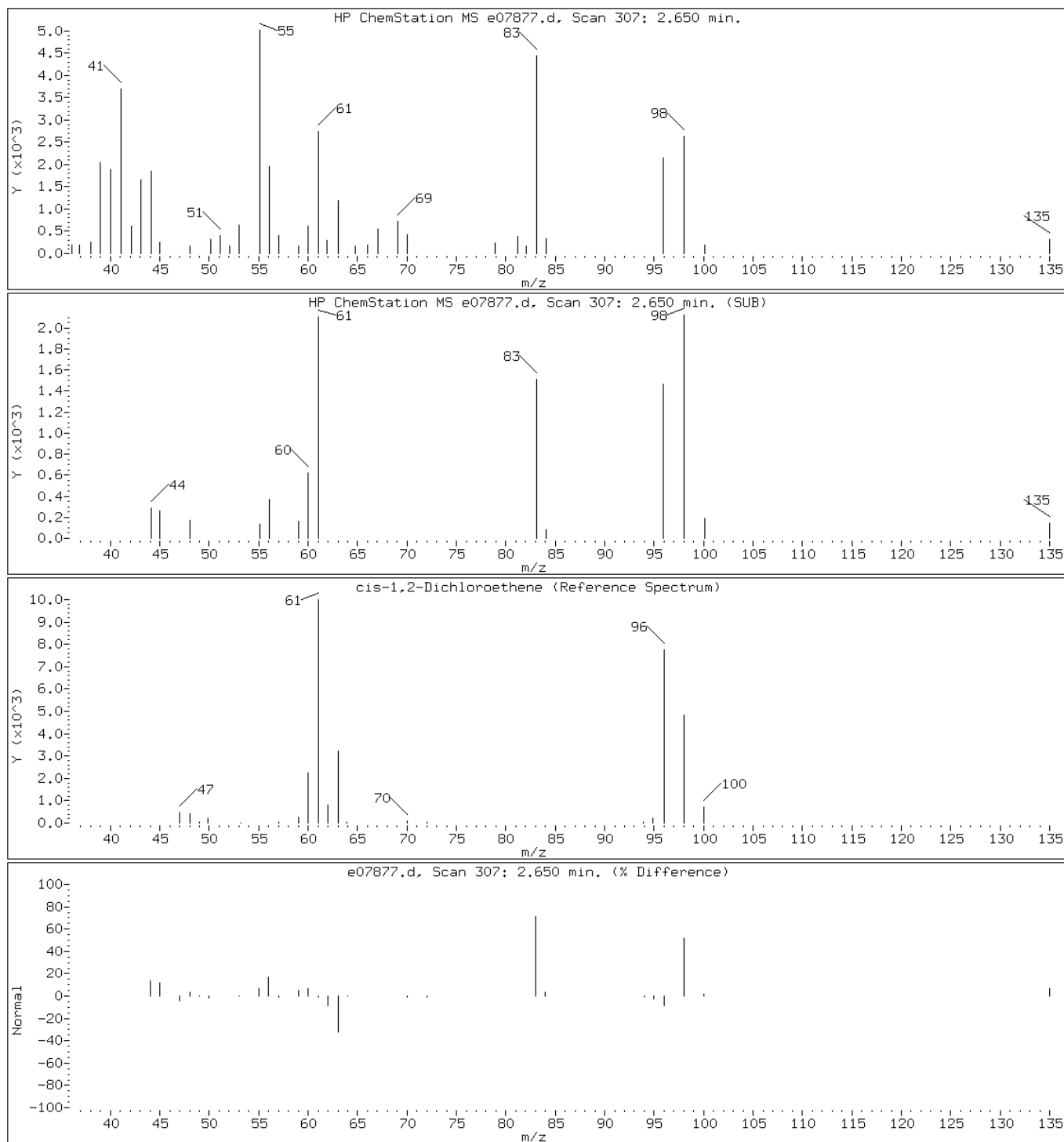
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

36 cis-1,2-Dichloroethene



Data File: e07877.d

Date: 18-SEP-2012 00:16

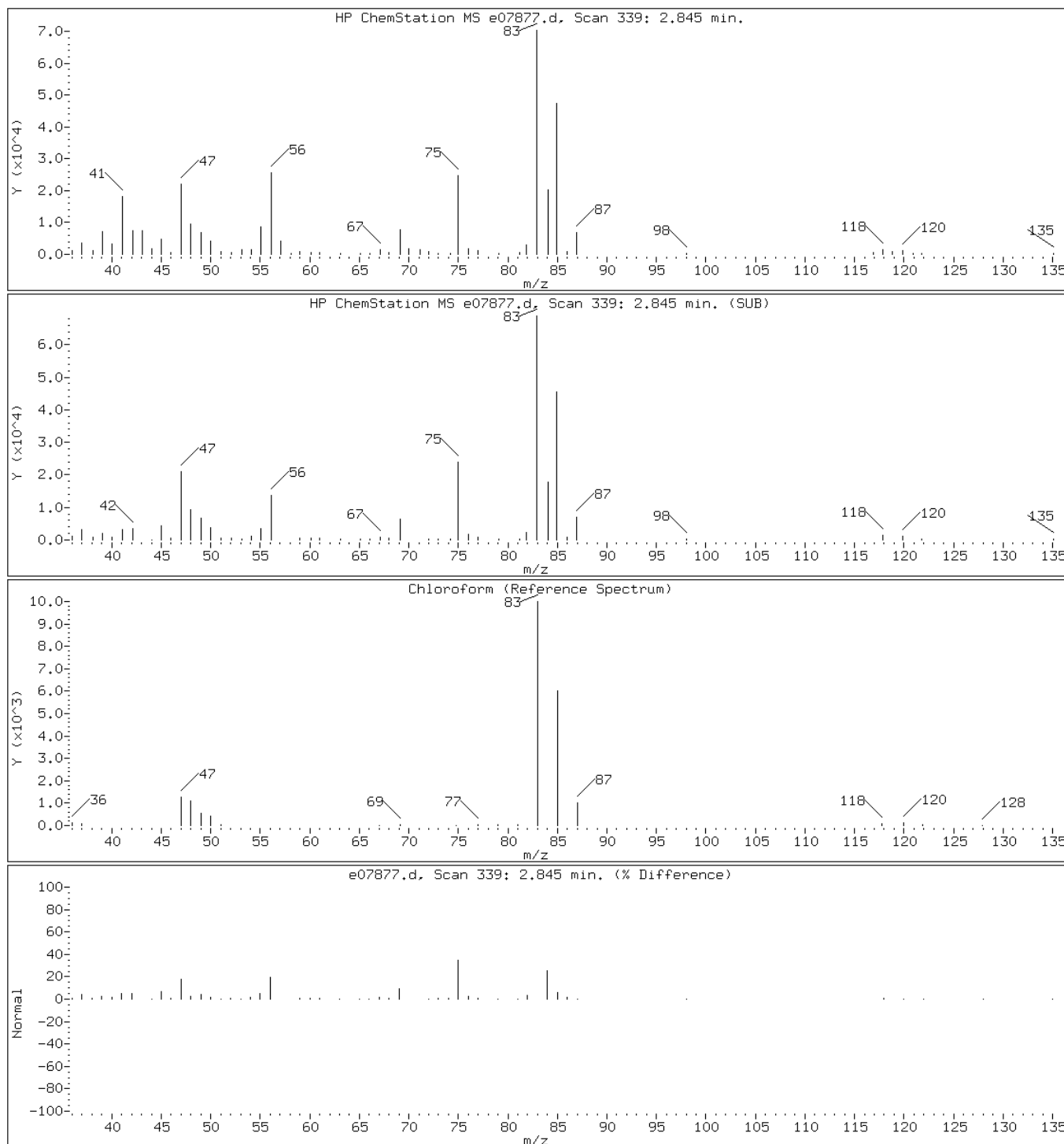
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

42 Chloroform



Data File: e07877.d

Date: 18-SEP-2012 00:16

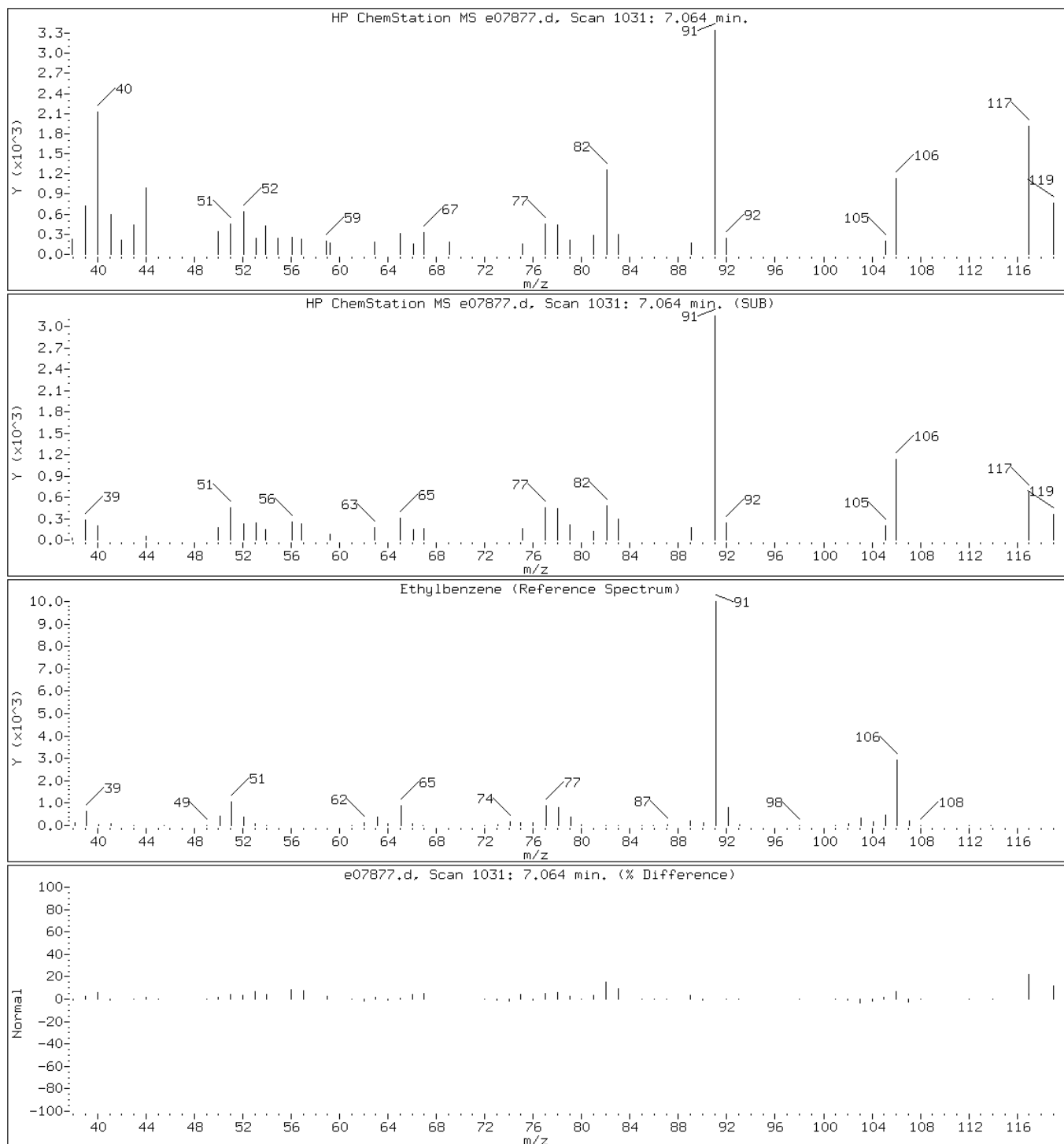
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e07877.d

Date: 18-SEP-2012 00:16

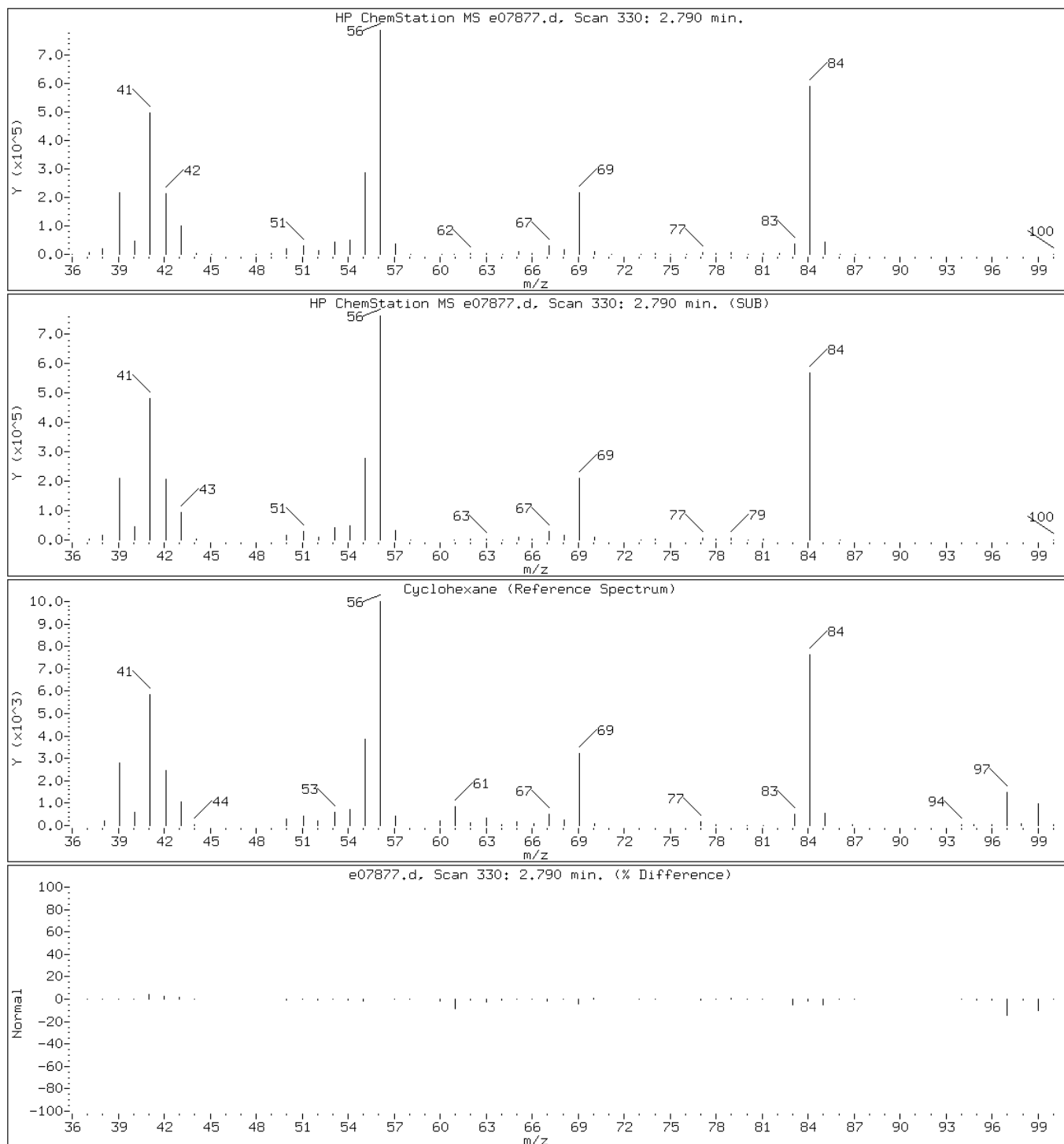
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e07877.d

Date: 18-SEP-2012 00:16

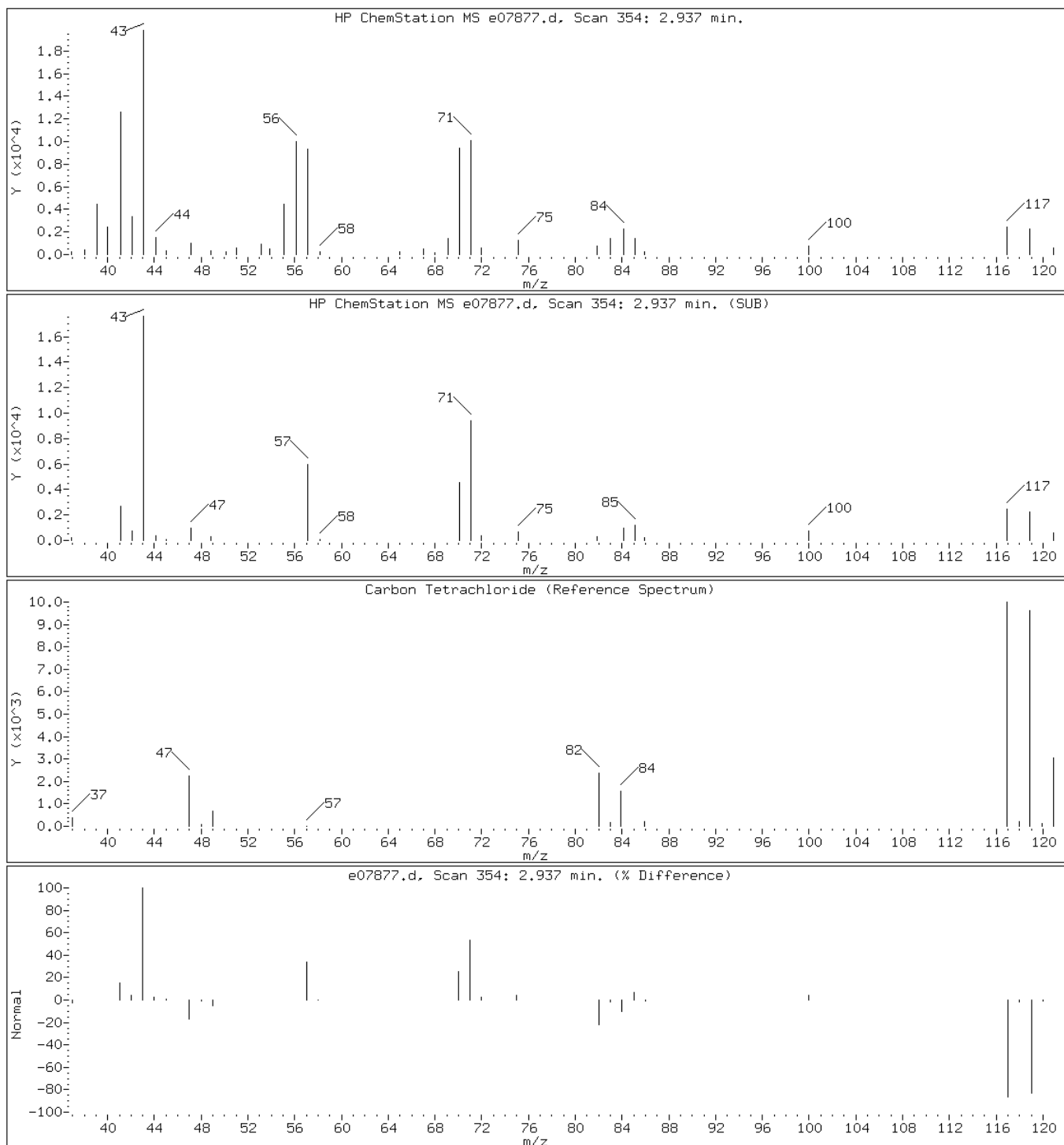
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

45 Carbon Tetrachloride



Data File: e07877.d

Date: 18-SEP-2012 00:16

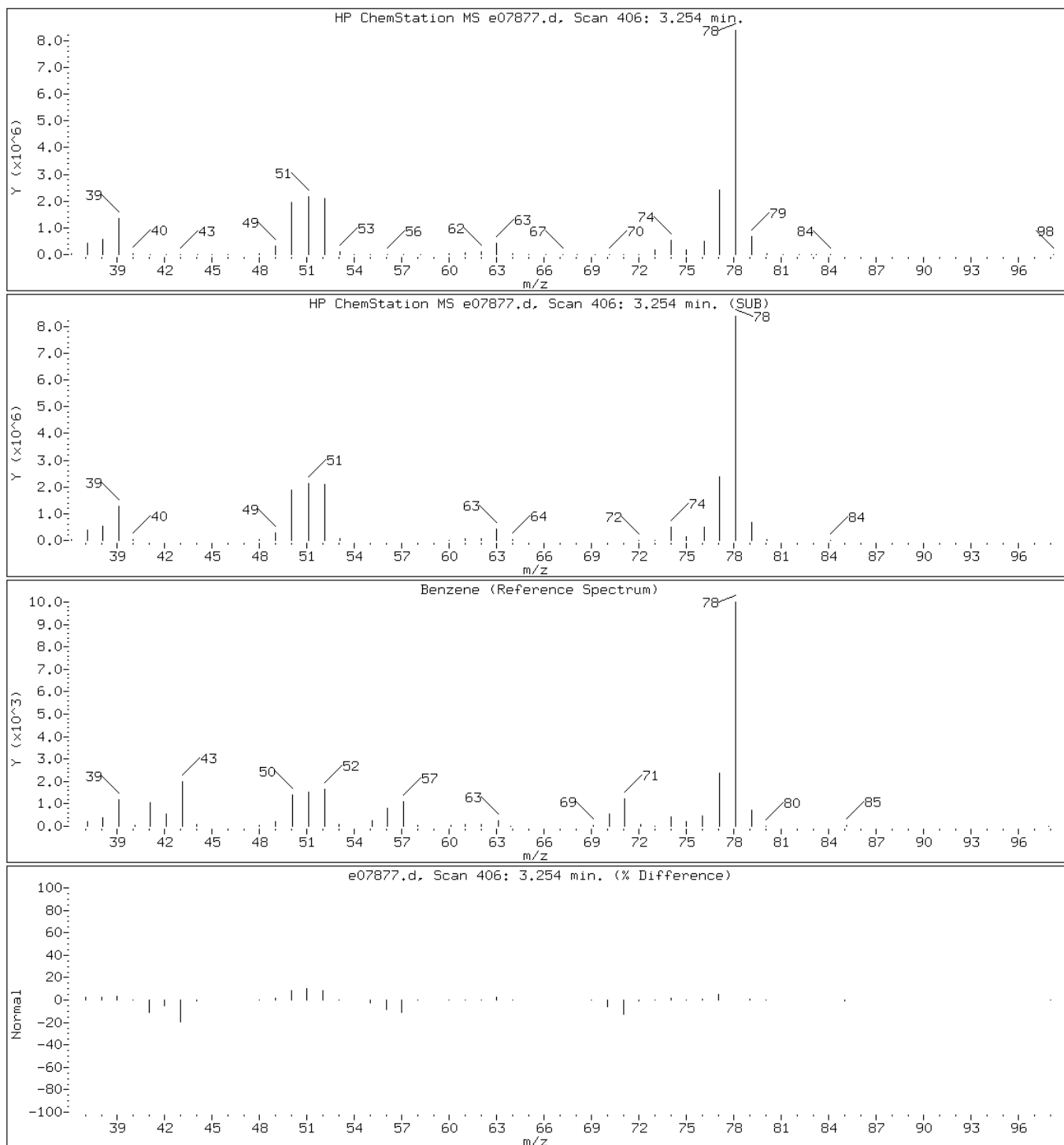
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

48 Benzene



Data File: e07877.d

Date: 18-SEP-2012 00:16

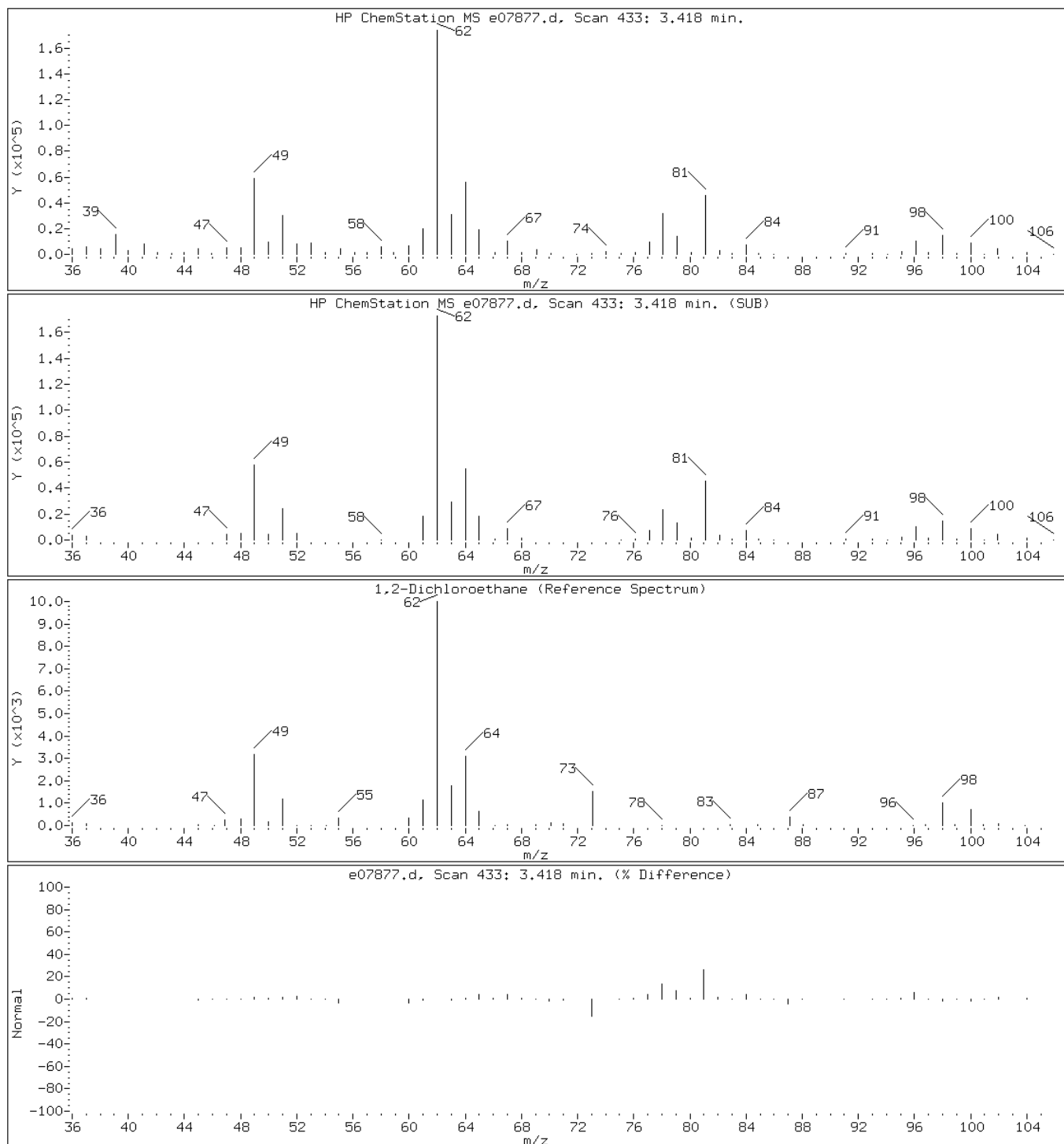
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e07877.d

Date: 18-SEP-2012 00:16

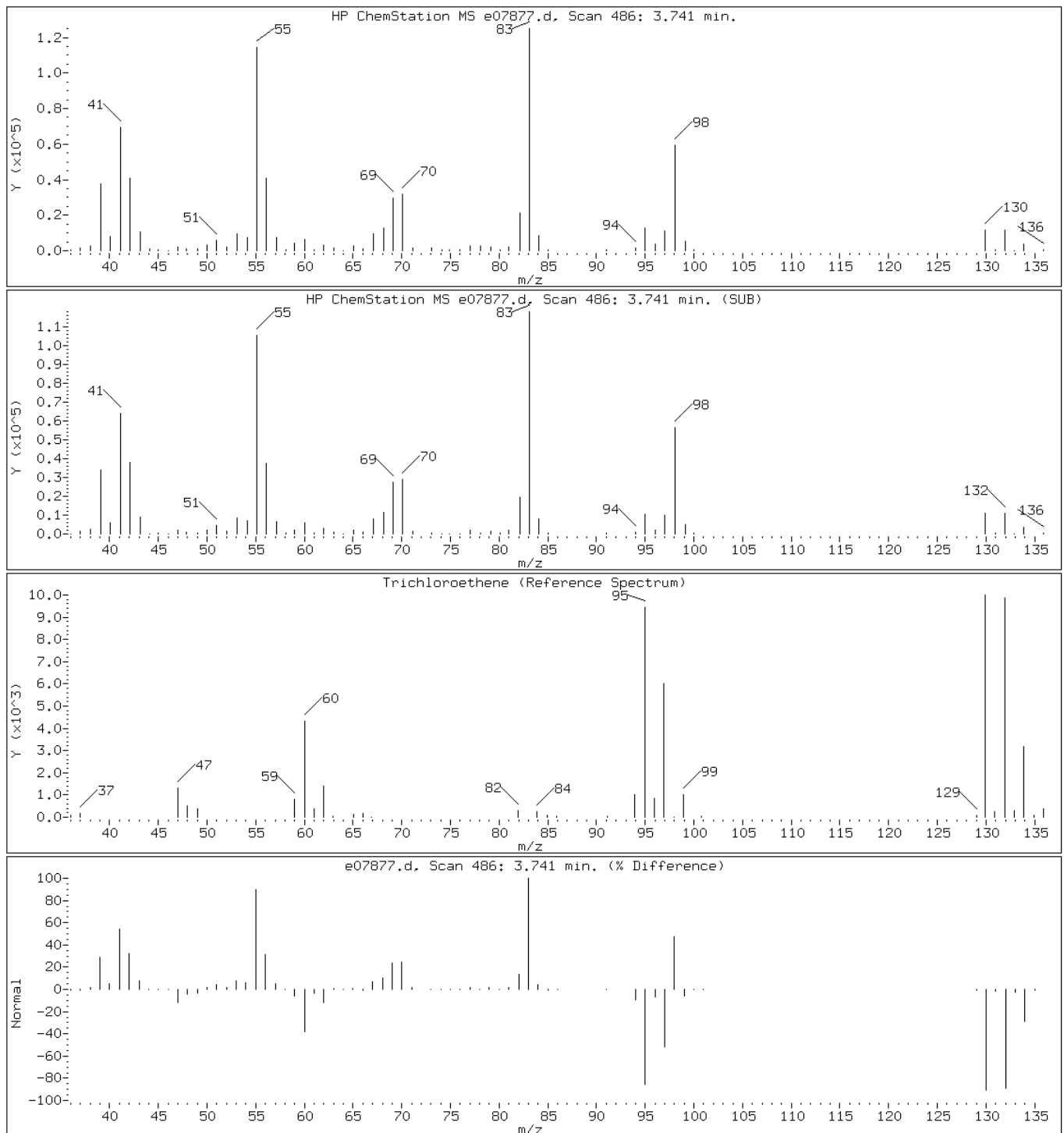
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

54 Trichloroethene



Data File: e07877.d

Date: 18-SEP-2012 00:16

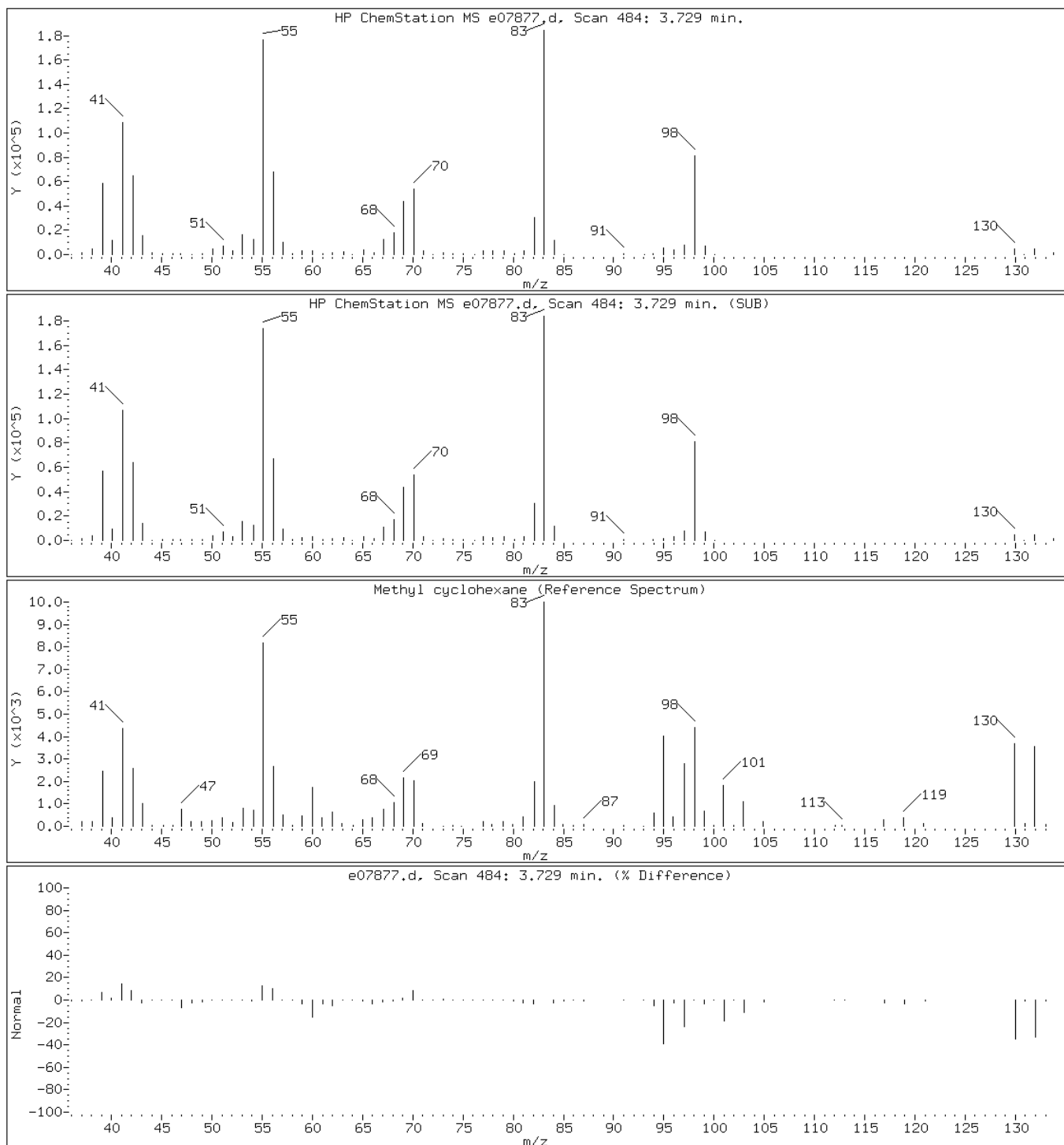
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e07877.d

Date: 18-SEP-2012 00:16

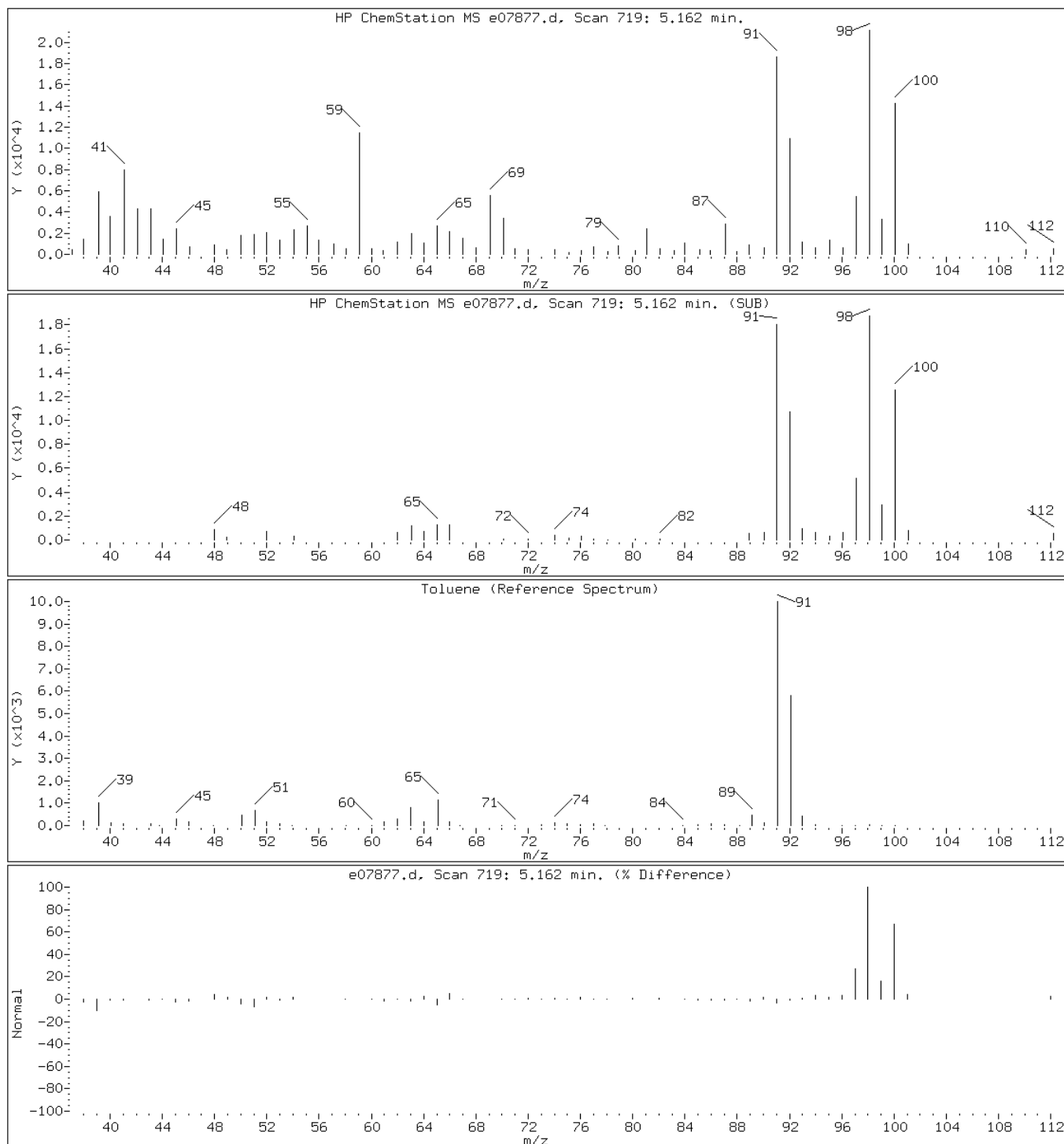
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

66 Toluene



Data File: e07877.d

Date: 18-SEP-2012 00:16

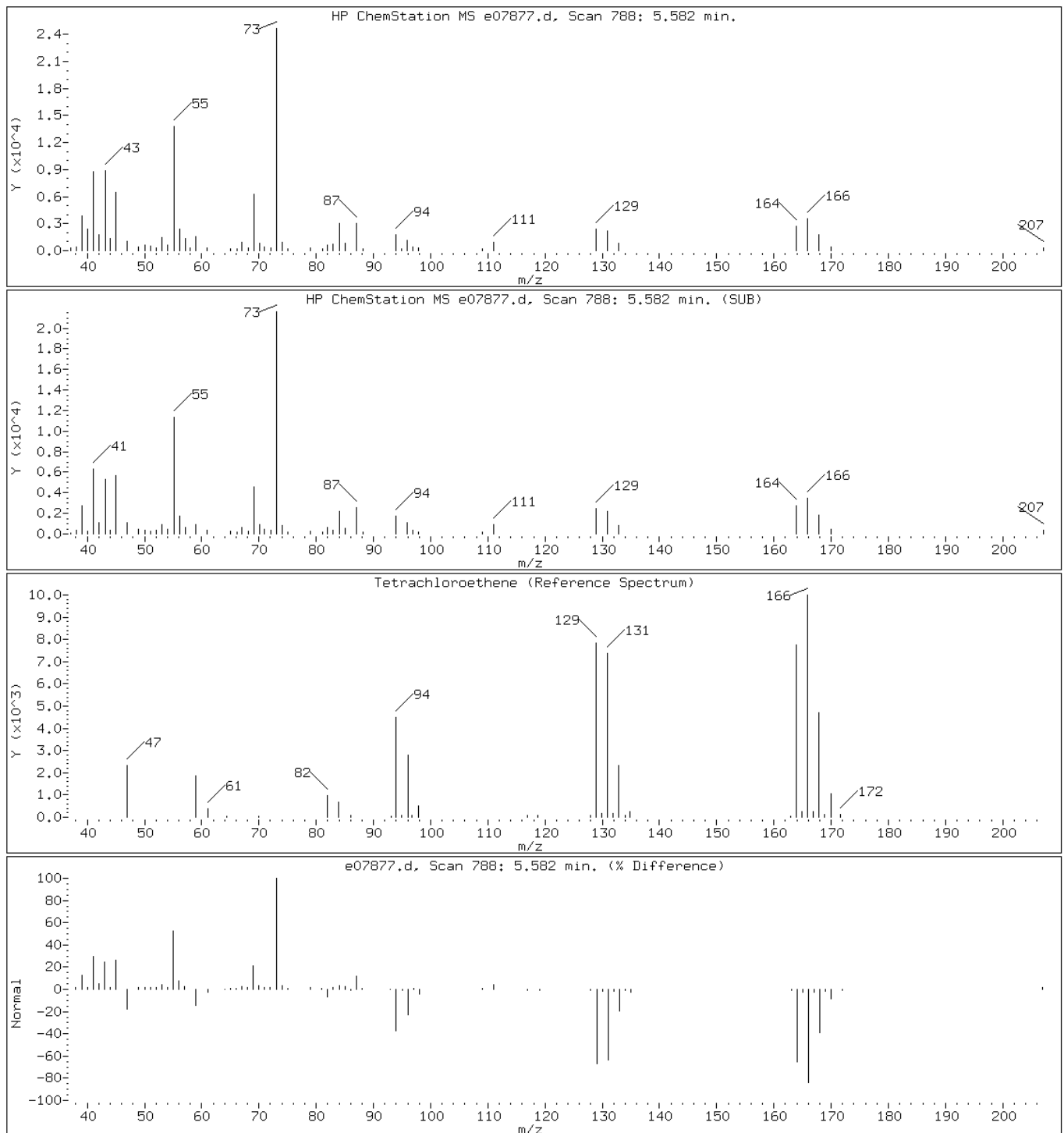
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e07877.d

Date: 18-SEP-2012 00:16

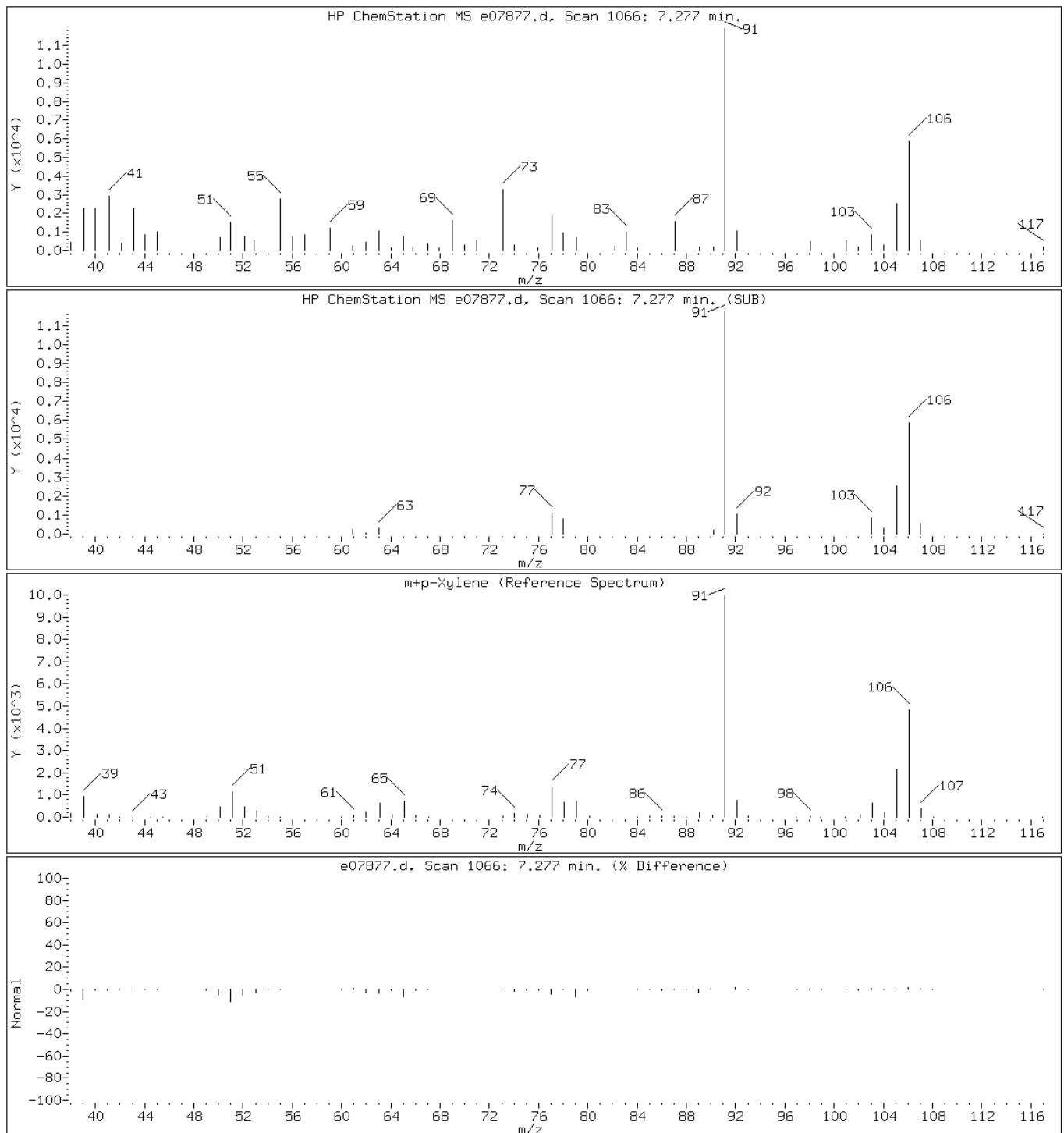
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e07877.d

Date: 18-SEP-2012 00:16

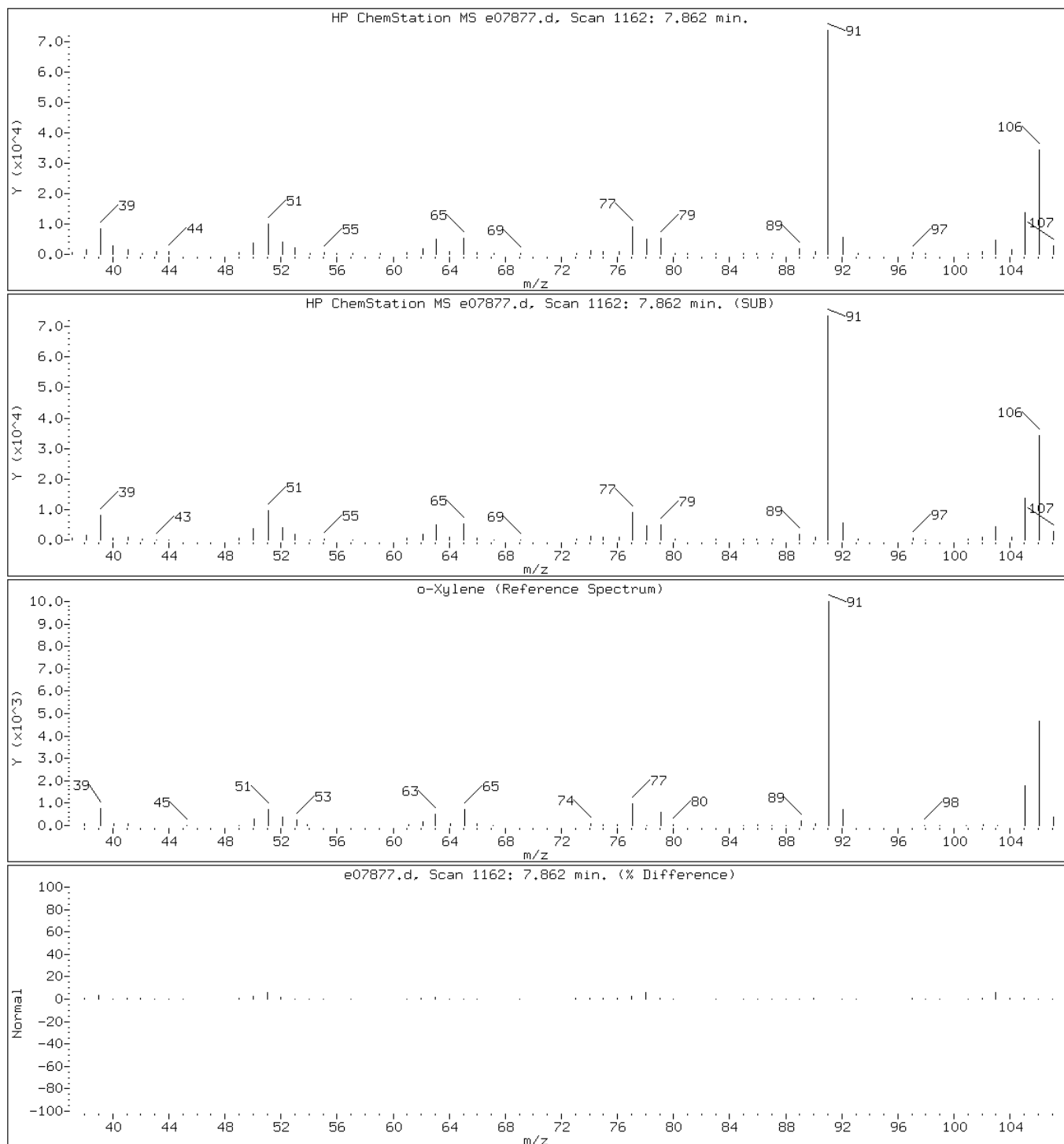
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e07877.d

Date: 18-SEP-2012 00:16

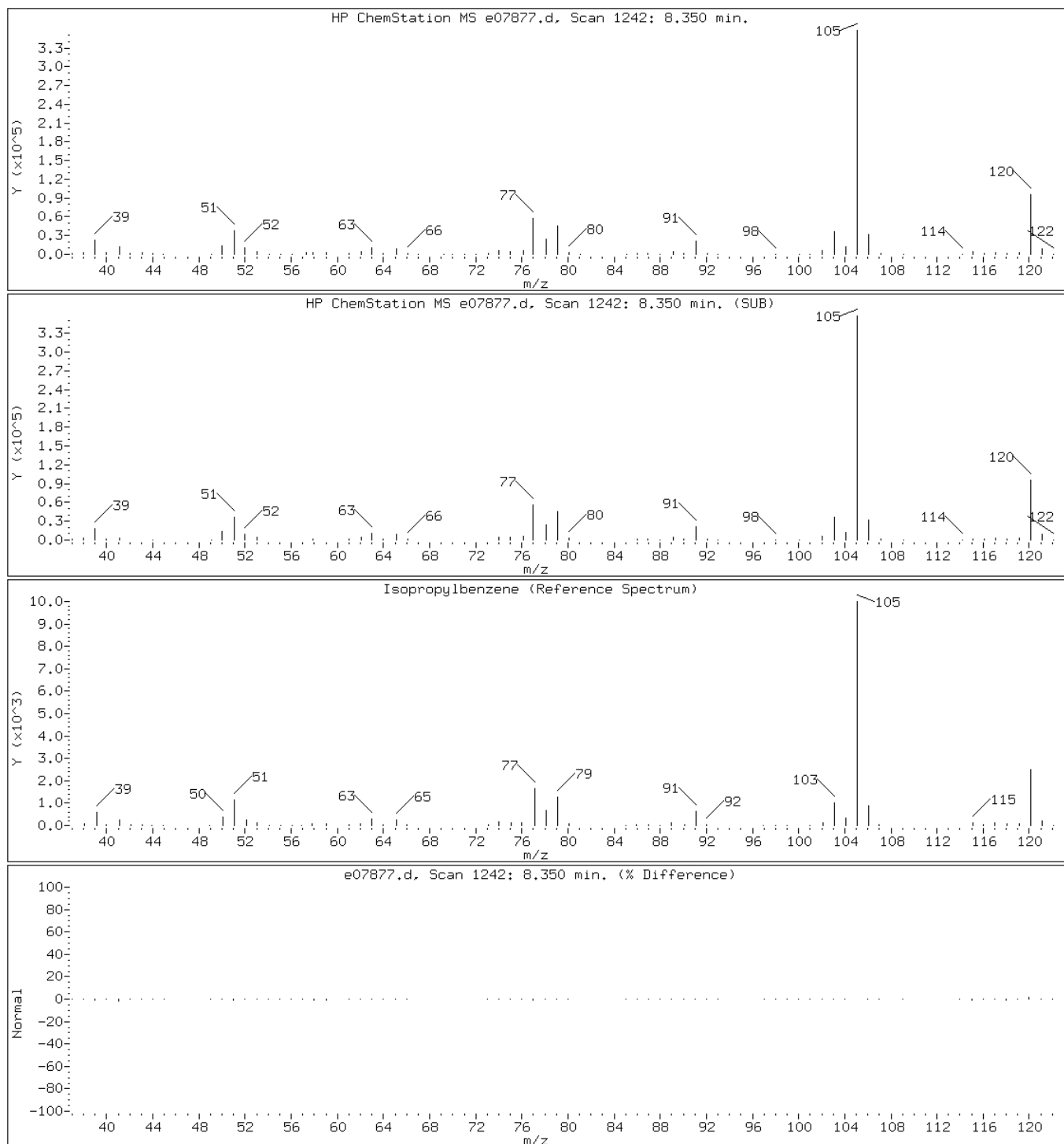
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

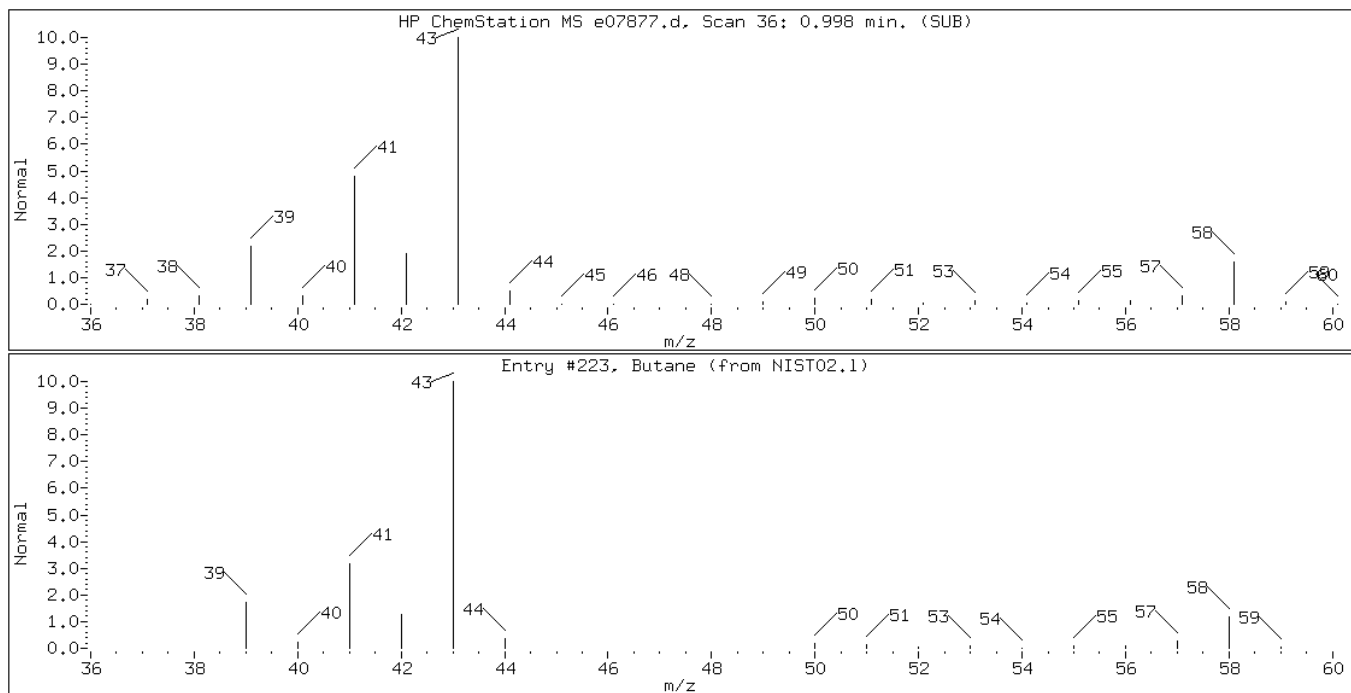
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C4H10 Alkane-1						
Butane	106-97-8	NIST02.1	223	40	C4H10	58



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

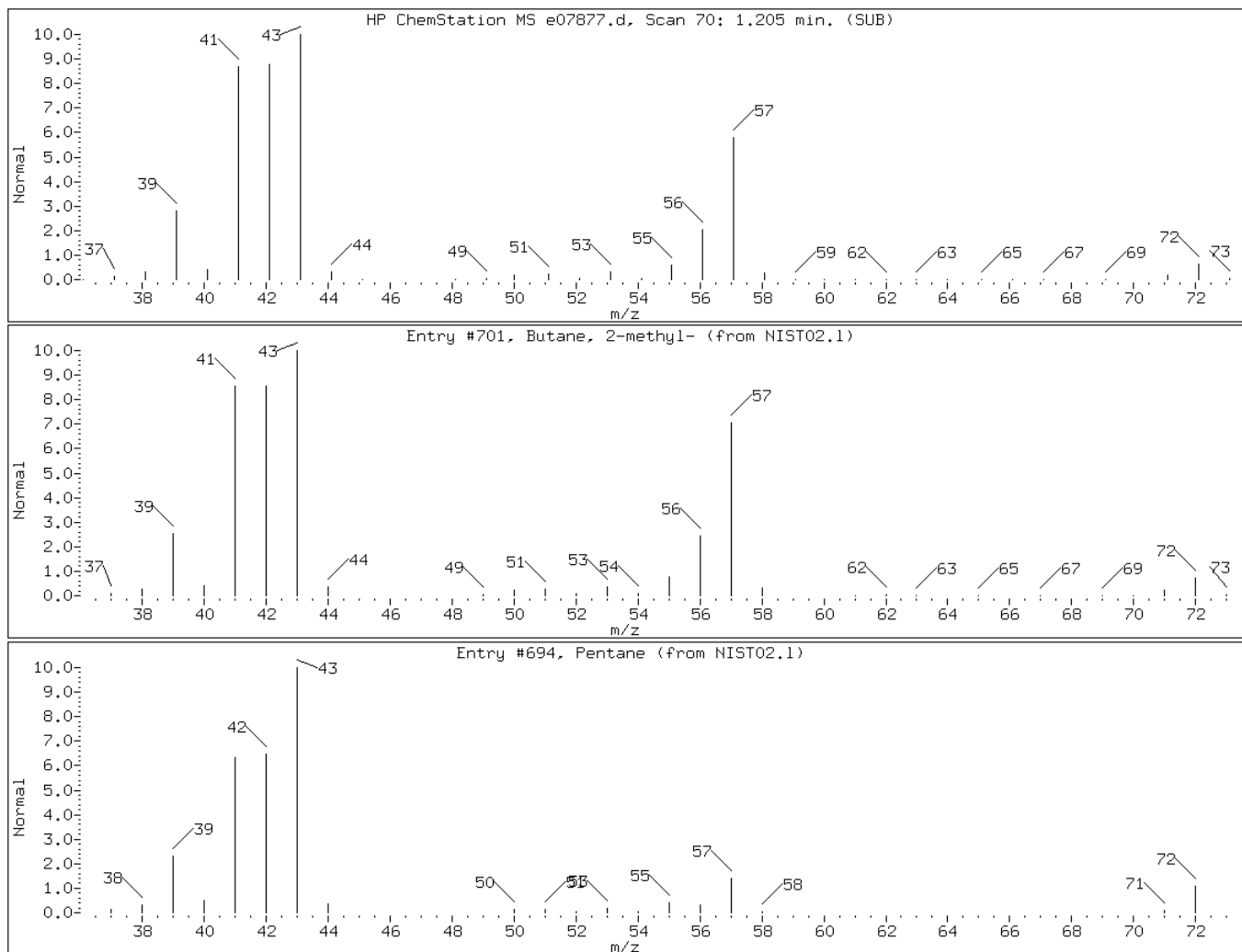
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 1.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	94	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

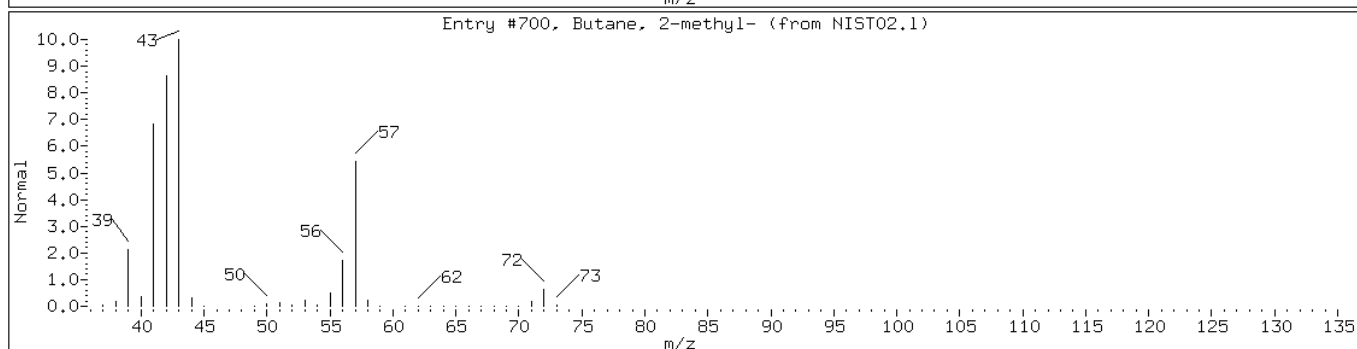
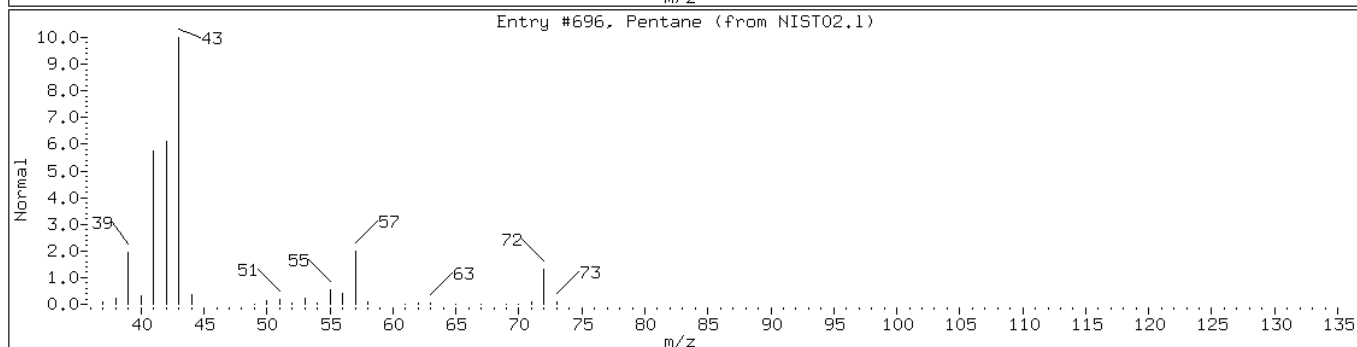
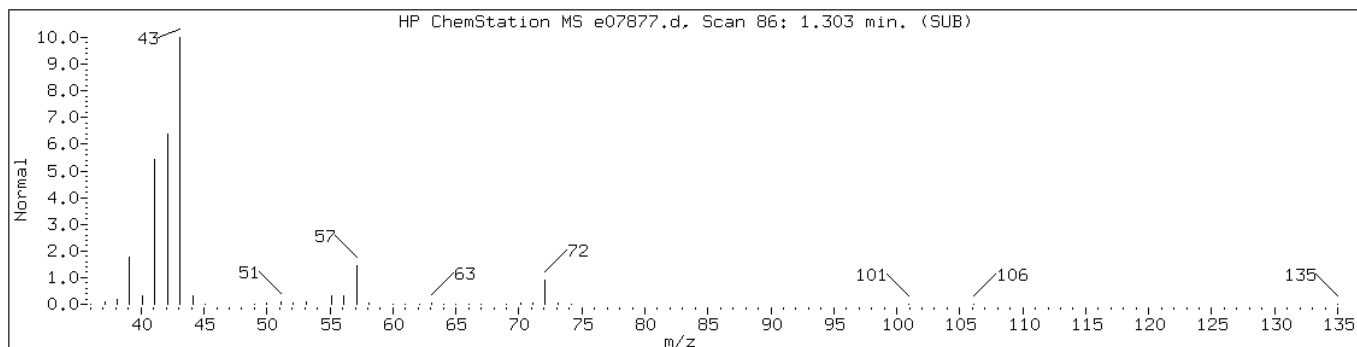
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 1.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane-1						
Pentane	109-66-0	NIST02.1	696	90	C5H12	72
Butane, 2-methyl-	78-78-4	NIST02.1	700	64	C5H12	72



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

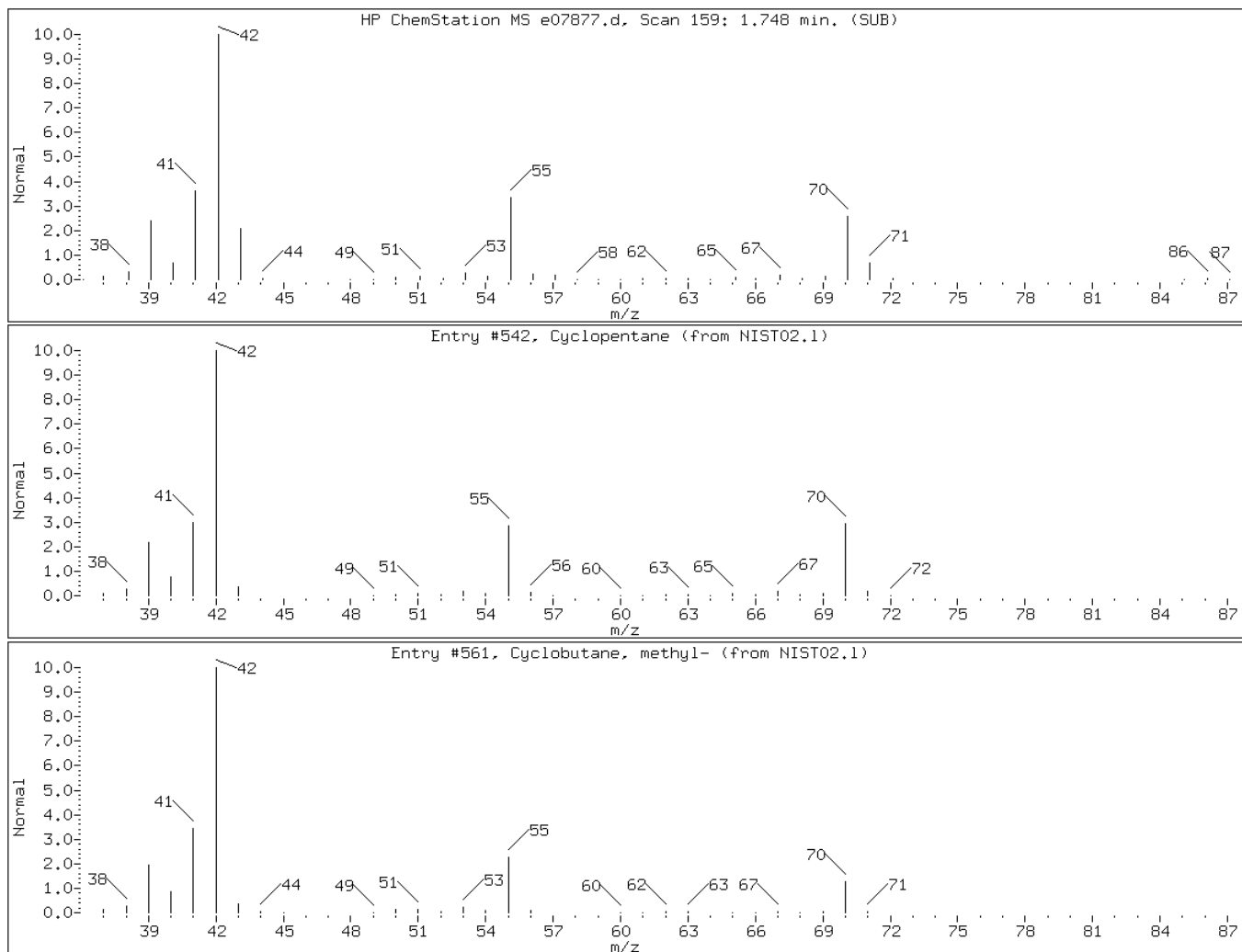
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 1.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	542	86	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	561	80	C5H10	70



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

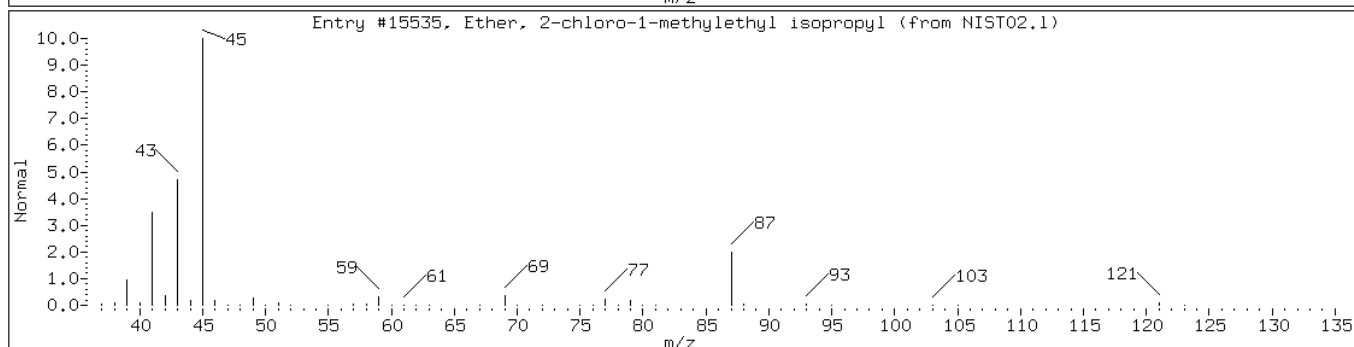
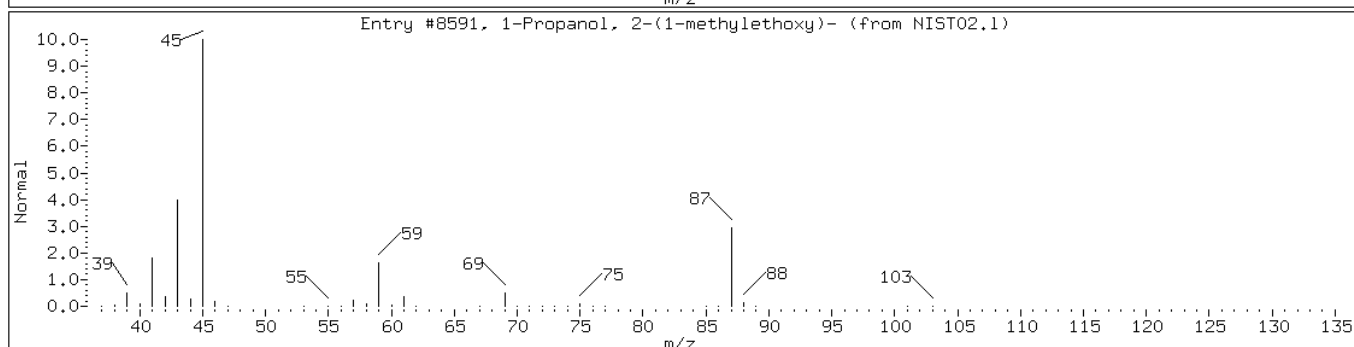
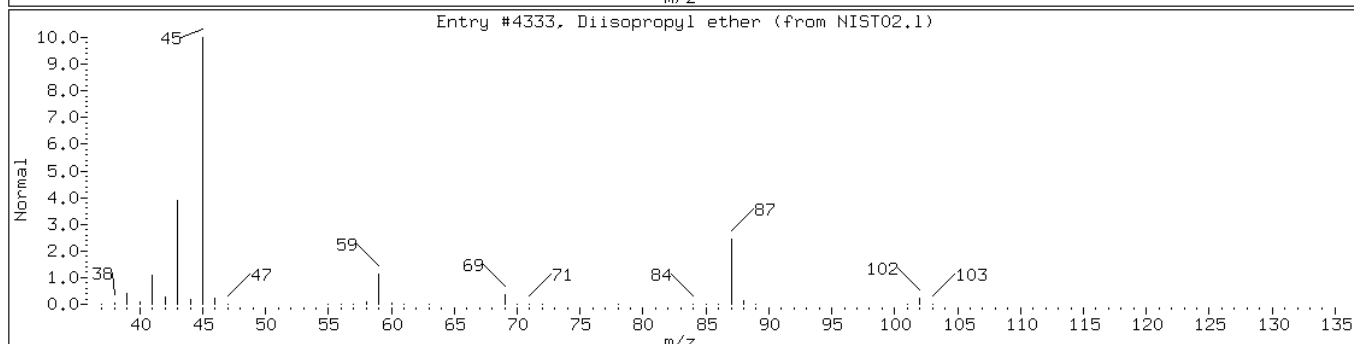
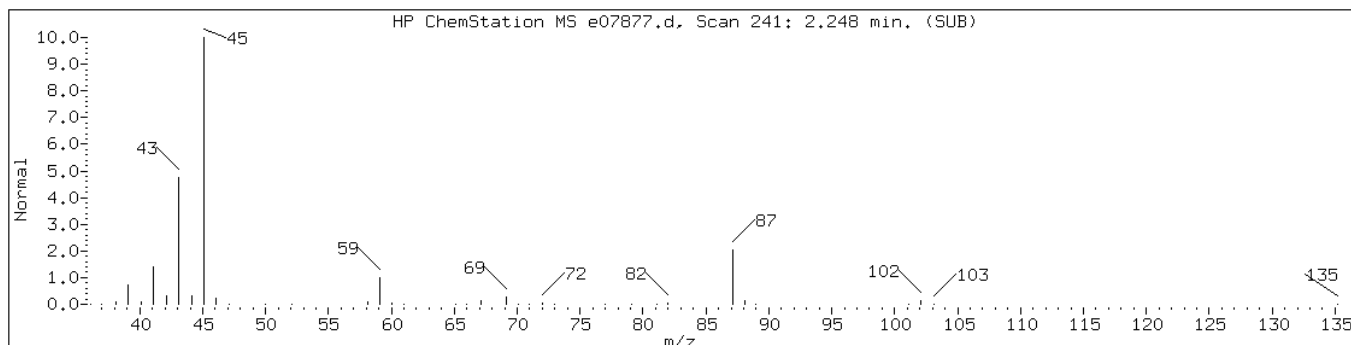
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 2.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diisopropyl ether	108-20-3	NIST02.1	4333	90	C6H14O	102
1-Propanol, 2-(1-methylethoxy)-	3944-37-4	NIST02.1	8591	72	C6H14O2	118
Ether, 2-chloro-1-methylethyl isop	98277-76-0	NIST02.1	15535	56	C6H13ClO	136



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

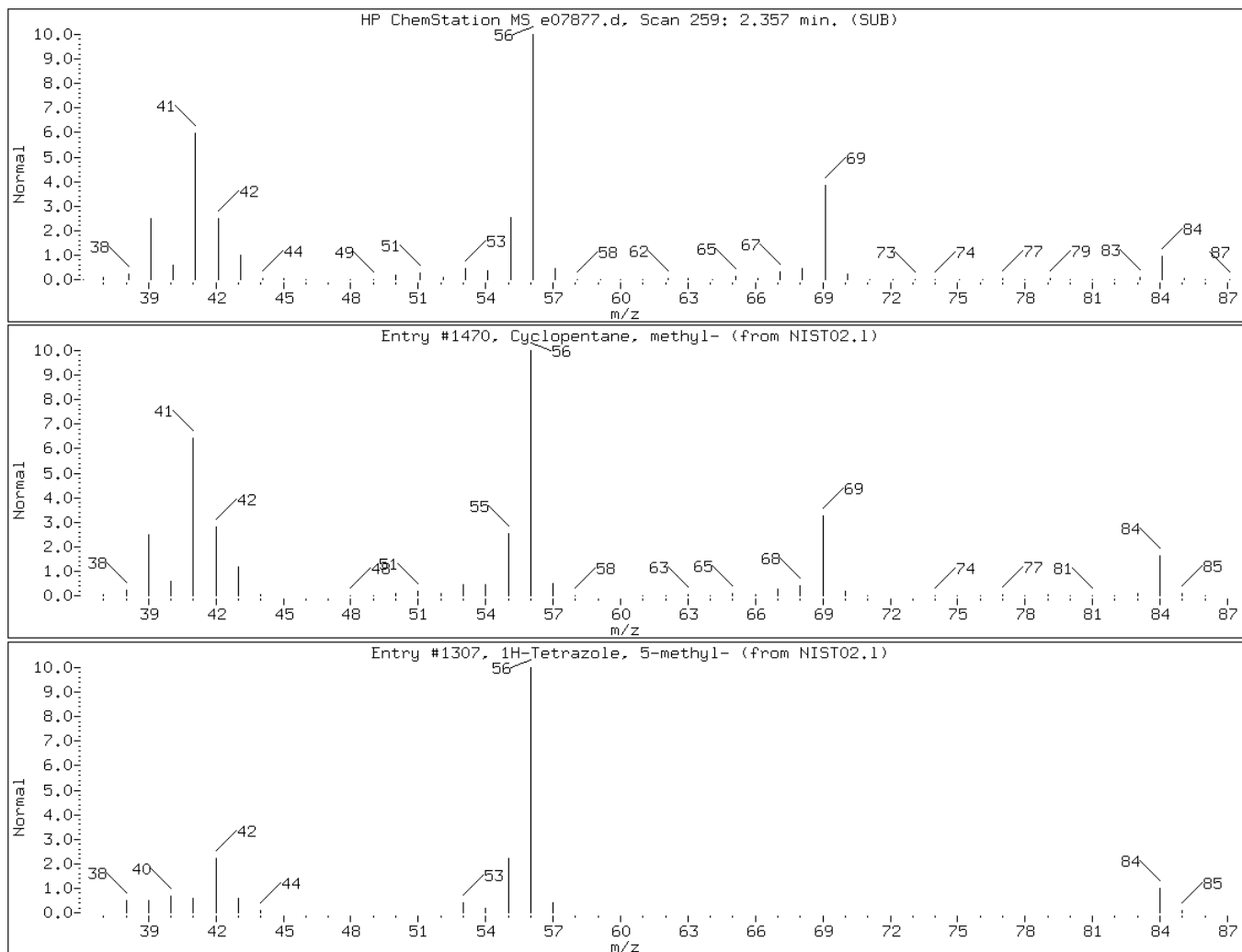
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 2.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1470	91	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.1	1307	80	C2H4N4	84



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

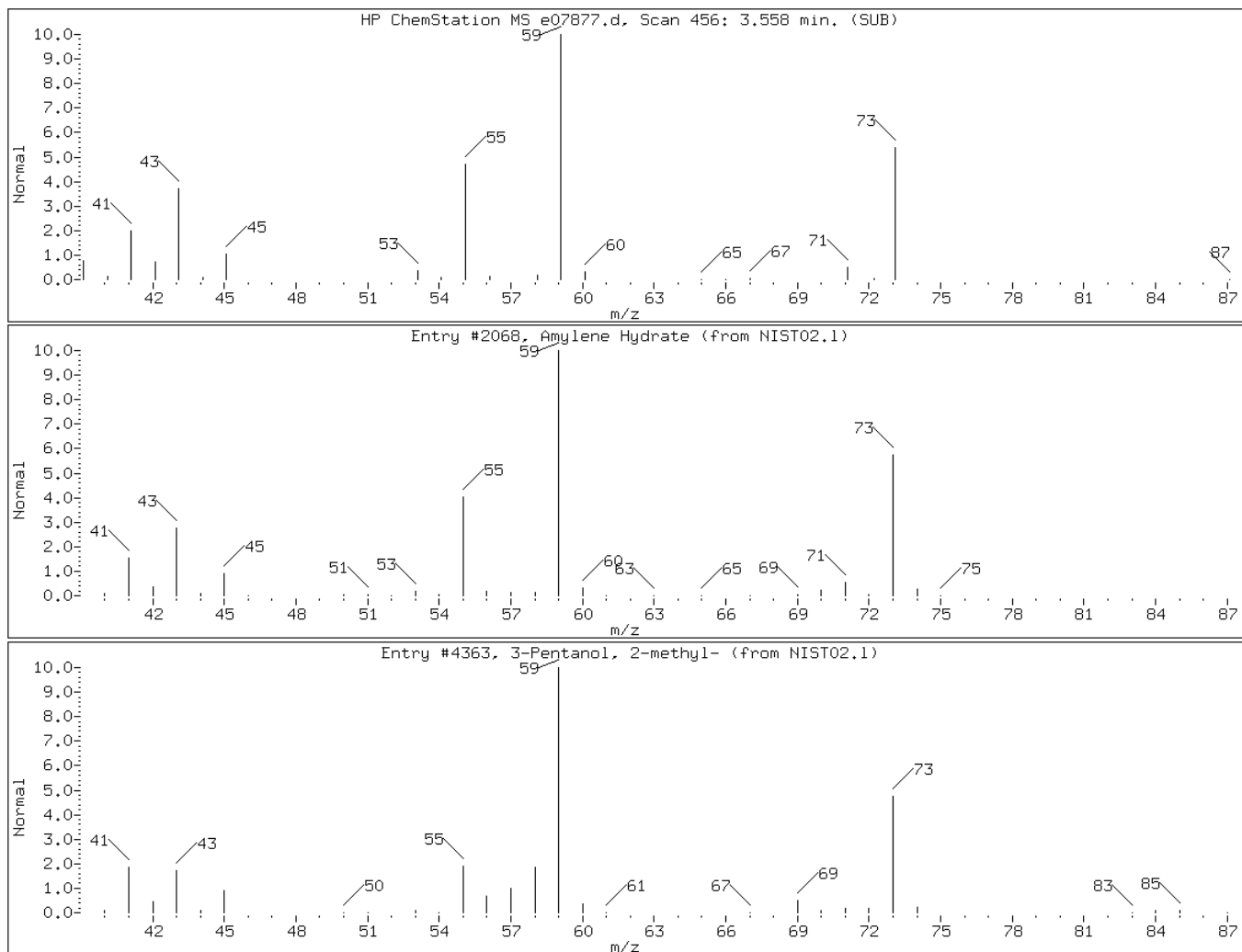
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Amylene Hydrate	75-85-4	NIST02.1	2068	83	C5H12O	88
3-Pentanol, 2-methyl-	565-67-3	NIST02.1	4363	39	C6H14O	102



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

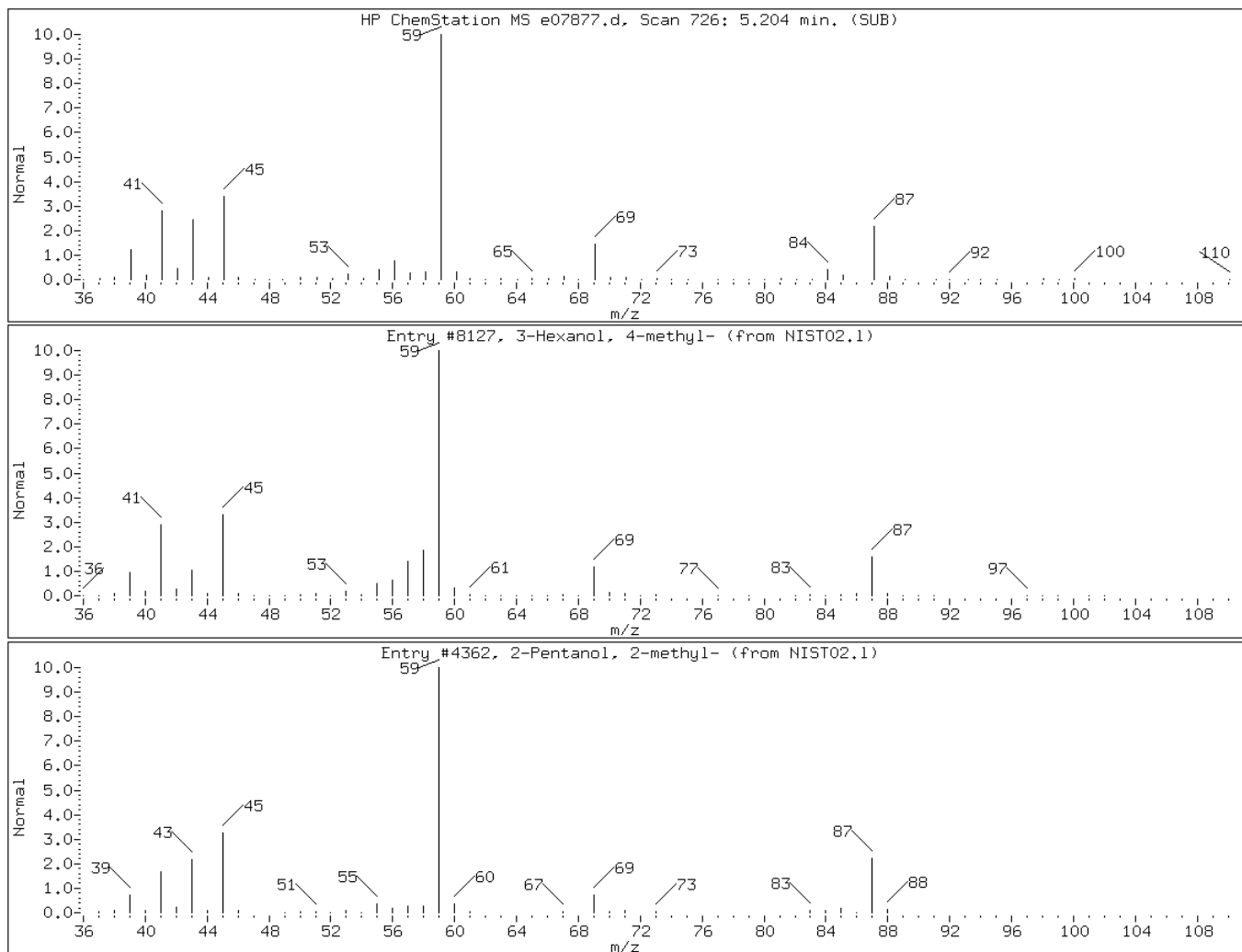
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 5.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol						
3-Hexanol, 4-methyl-	615-29-2	NIST02.1	8127	78	C7H16O	116
2-Pentanol, 2-methyl-	590-36-3	NIST02.1	4362	78	C6H14O	102



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

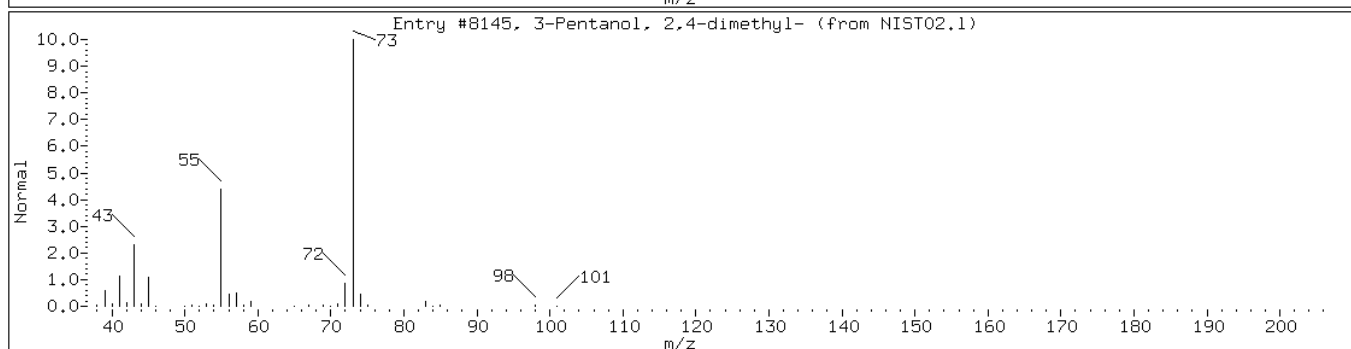
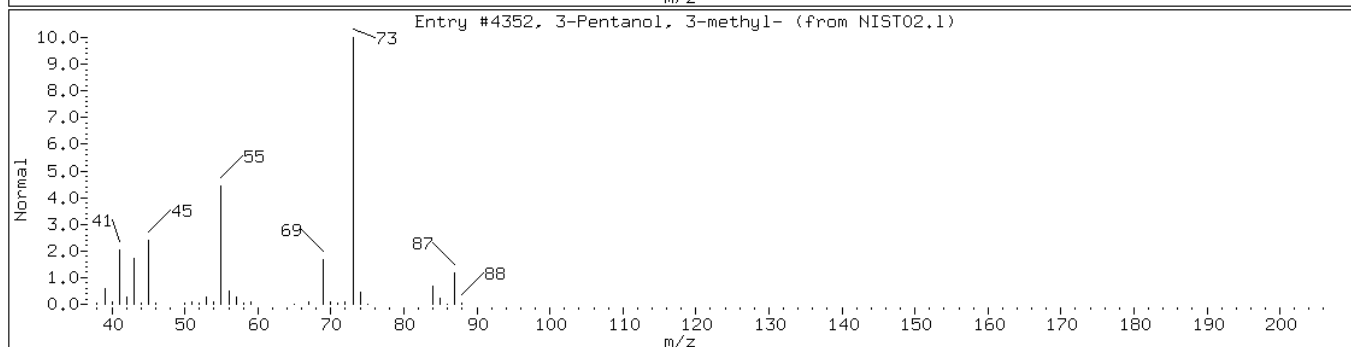
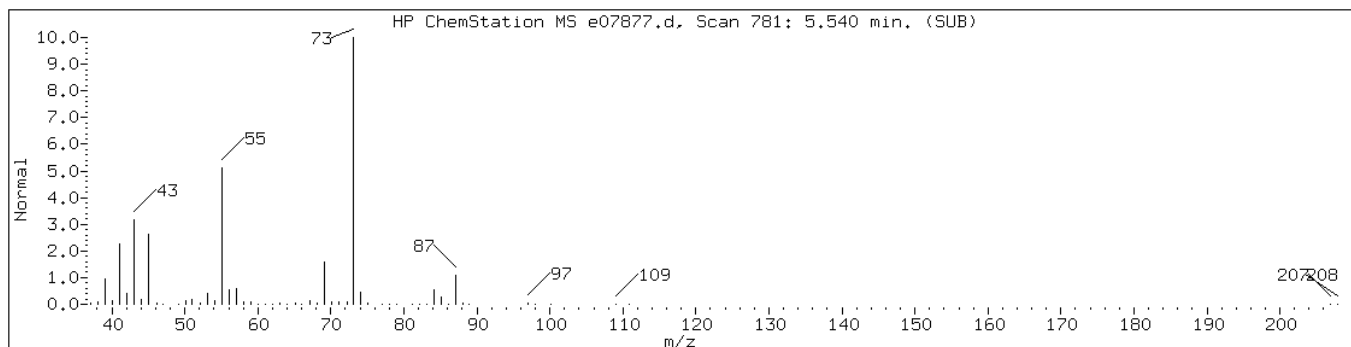
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 5.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alcohol-1						
3-Pentanol, 3-methyl-	77-74-7	NIST02.1	4352	90	C6H14O	102
3-Pentanol, 2,4-dimethyl-	600-36-2	NIST02.1	8145	38	C7H16O	116



Data File: e07877.d

Date: 18-SEP-2012 00:16

Client ID: WG-17338-091112-VAS

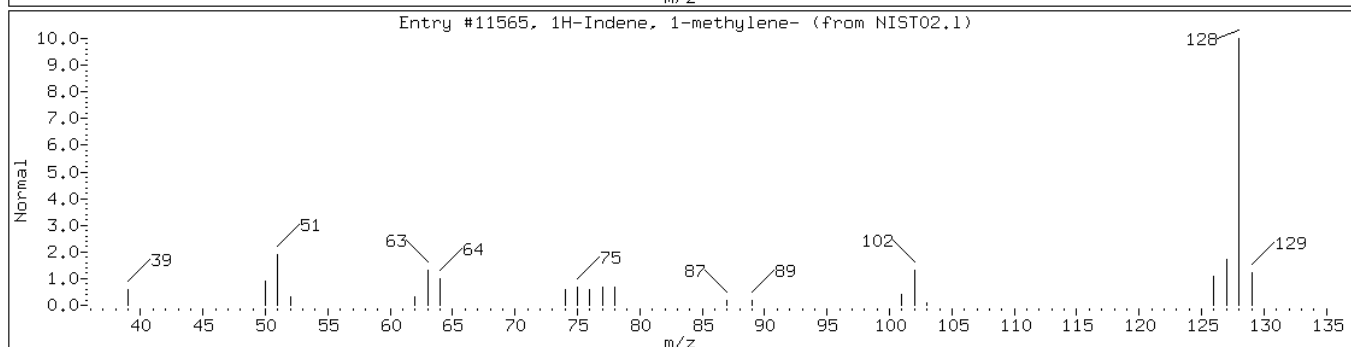
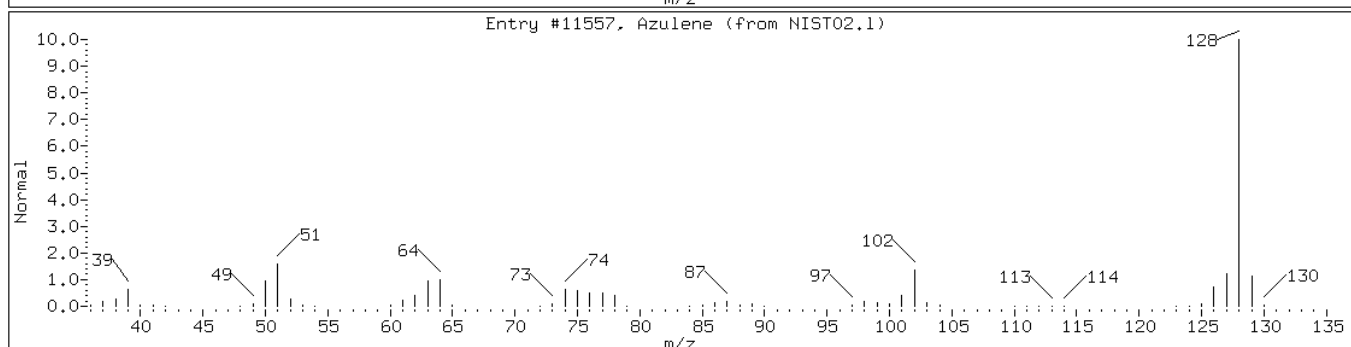
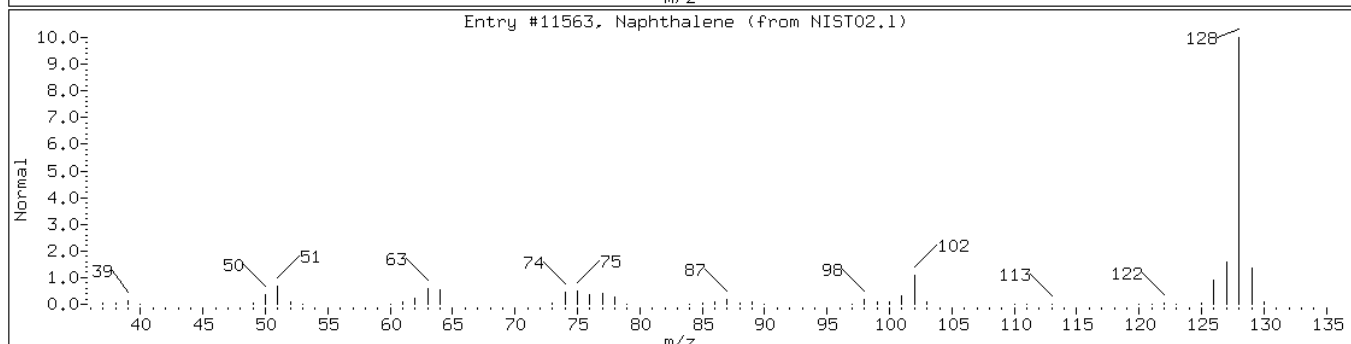
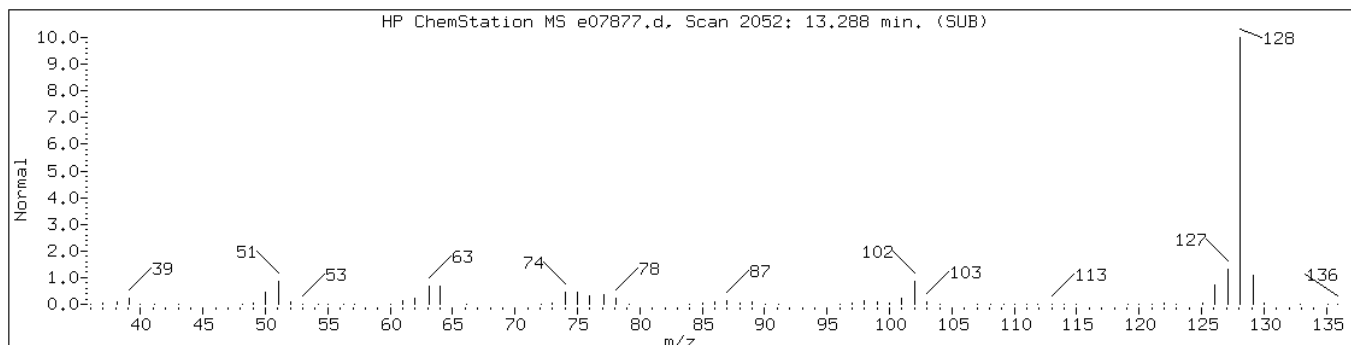
Instrument: VOAMS5.i

Sample Info: 460-44505-B-9

Operator: GC/MS VOAMS5

Retention Time: 13.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11557	93	C10H8	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	87	C10H8	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-9 DL
Matrix: Water Lab File ID: e07855.d
Analysis Method: 8260B Date Collected: 09/11/2012 14:40
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 12:44
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	770	D	5.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	D	70-130
460-00-4	4-Bromofluorobenzene	98	D	70-130
2037-26-5	Toluene-d8 (Surr)	100	D	70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07855.d
 Report Date: 17-Sep-2012 16:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07855.d
 Lab Smp Id: 460-44505-A-9 Client Smp ID: WG-17338-091112-VAS
 Inj Date : 17-SEP-2012 12:44
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-9;5
 Misc Info : 460-44505-A-9
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 21
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
42 Chloroform	83	2.839	2.845 (0.790)		24556		1.27173	6.4
44 Cyclohexane	56	2.784	2.790 (0.774)		286147		14.8184	74
45 Carbon Tetrachloride	117	2.930	2.936 (0.815)		985		0.07360	0.37(a)
48 Benzene	78	3.260	3.260 (0.469)		7200153		154.549	770
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.369 (0.936)		647247		52.5104	52
49 1,2-Dichloroethane	62	3.412	3.424 (0.949)		58780		3.72587	19
* 52 Fluorobenzene	96	3.595	3.601 (1.000)		2395626		50.0000	
54 Trichloroethene	95	3.741	3.753 (1.041)		6201		0.53614	2.7(a)
56 Methyl cyclohexane	83	3.729	3.741 (1.037)		65594		4.16533	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113 (0.734)		2163084		49.8844	50
66 Toluene	91	5.156	5.168 (0.741)		8582		0.16278	0.81(a)
71 Tetrachloroethene	166	5.582	5.594 (0.803)		1925		0.15445	0.77(a)
* 78 Chlorobenzene-d5	117	6.954	6.972 (1.000)		1849862		50.0000	
84 o-Xylene	106	7.862	7.887 (1.131)		13723		0.60395	3.0(a)
88 Isopropylbenzene	105	8.344	8.368 (1.200)		135925		2.35418	12
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728 (0.832)		799051		48.9605	49

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07855.d
Report Date: 17-Sep-2012 16:05

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1009210	50.0000	
M 121 Xylene (Total)	100				13723	0.60395	3.0(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: e07855.d

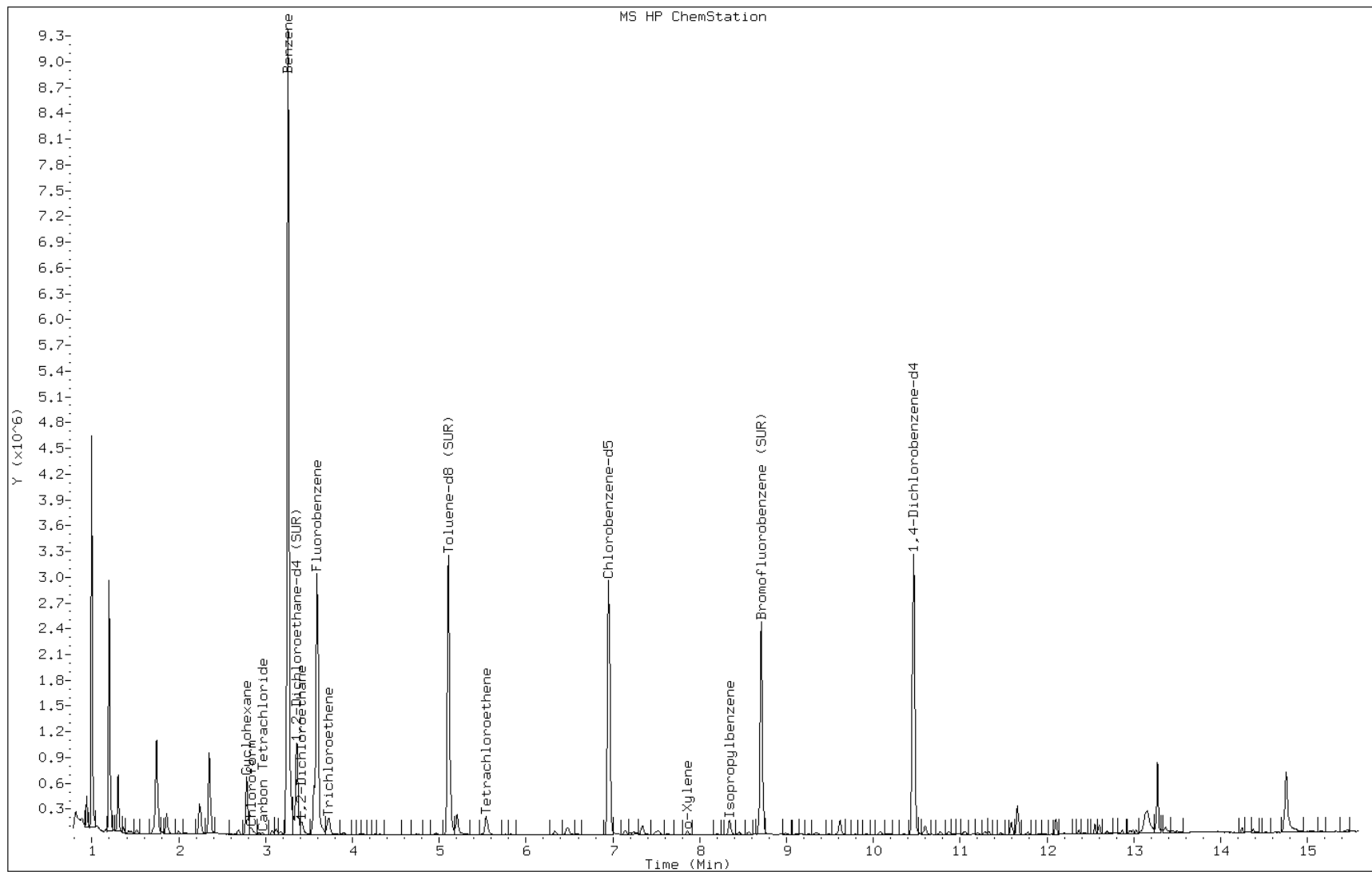
Date: 17-SEP-2012 12:44

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-9;5

Operator: GC/MS VOAMS5



Data File: e07855.d

Date: 17-SEP-2012 12:44

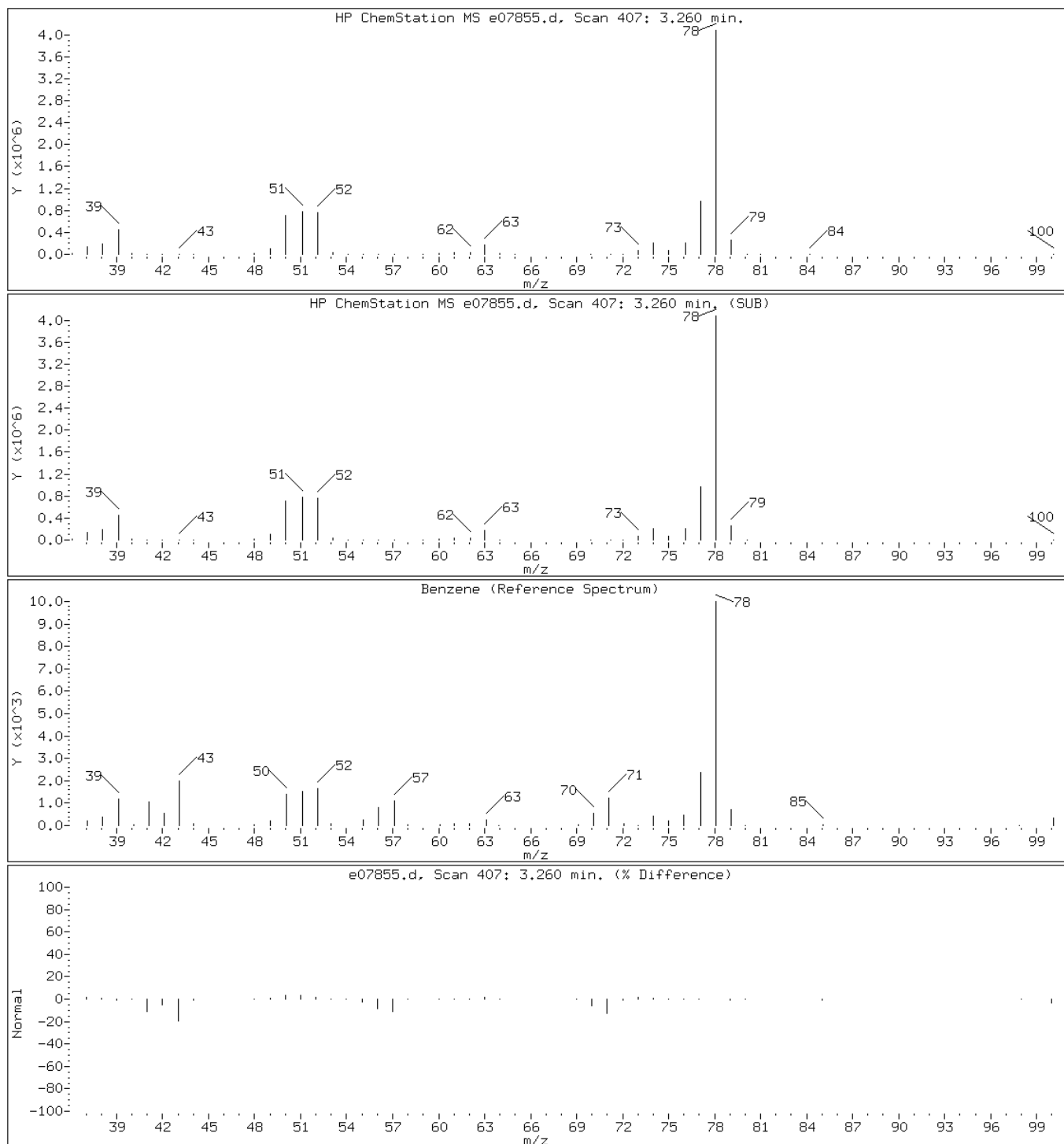
Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-A-9;5

Operator: GC/MS VOAMS5

48 Benzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: TB-17338-091212-MM-247 Lab Sample ID: 460-44505-10

Matrix: Water Lab File ID: e07851.d

Analysis Method: 8260B Date Collected: 09/12/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	14		5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: TB-17338-091212-MM-247 Lab Sample ID: 460-44505-10
 Matrix: Water Lab File ID: e07851.d
 Analysis Method: 8260B Date Collected: 09/12/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	94		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: TB-17338-091212-MM-247 Lab Sample ID: 460-44505-10
Matrix: Water Lab File ID: e07851.d
Analysis Method: 8260B Date Collected: 09/12/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 11:11
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07851.d
 Report Date: 17-Sep-2012 13:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07851.d
 Lab Smp Id: 460-44505-A-10 Client Smp ID: TB-17338-091212-MM-
 Inj Date : 17-SEP-2012 11:11
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-A-10
 Misc Info : 460-44505-A-10
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 17
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/L)
16 Acetone		58	1.882	1.894	(0.523)	11827	13.9651	14
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.357	3.369	(0.934)	616250	53.1111	53
* 52 Fluorobenzene		96	3.595	3.601	(1.000)	2255097	50.0000	
\$ 65 Toluene-d8 (SUR)		98	5.107	5.113	(0.734)	2060349	49.6793	50
* 78 Chlorobenzene-d5		117	6.954	6.972	(1.000)	1769279	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.728	(0.832)	787876	47.0717	47
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.496	(1.000)	1035026	50.0000	

Data File: e07851.d

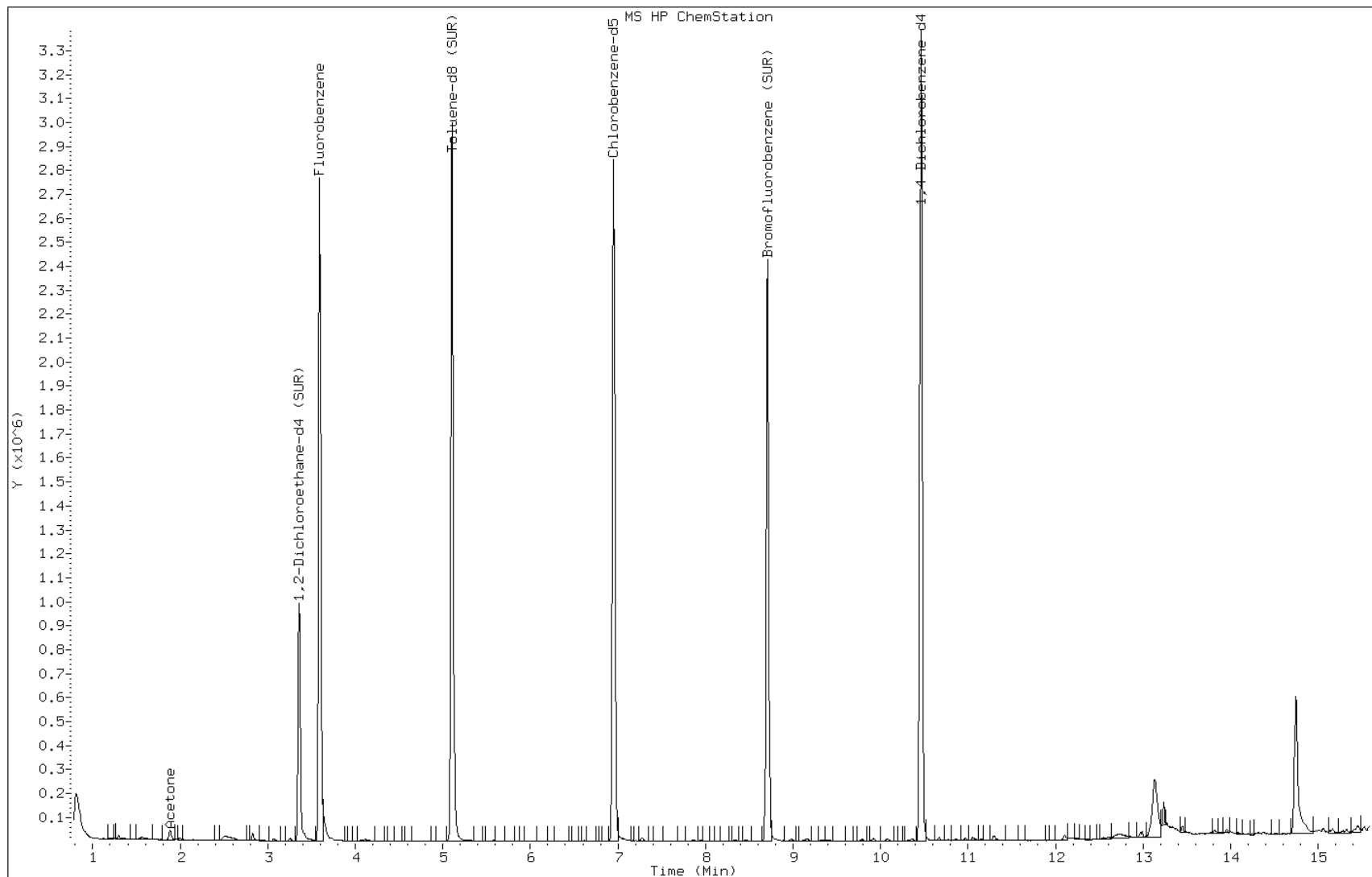
Date: 17-SEP-2012 11:11

Client ID: TB-17338-091212-MM-

Instrument: VOAMS5.i

Sample Info: 460-44505-A-10

Operator: GC/MS VOAMS5



Data File: e07851.d

Date: 17-SEP-2012 11:11

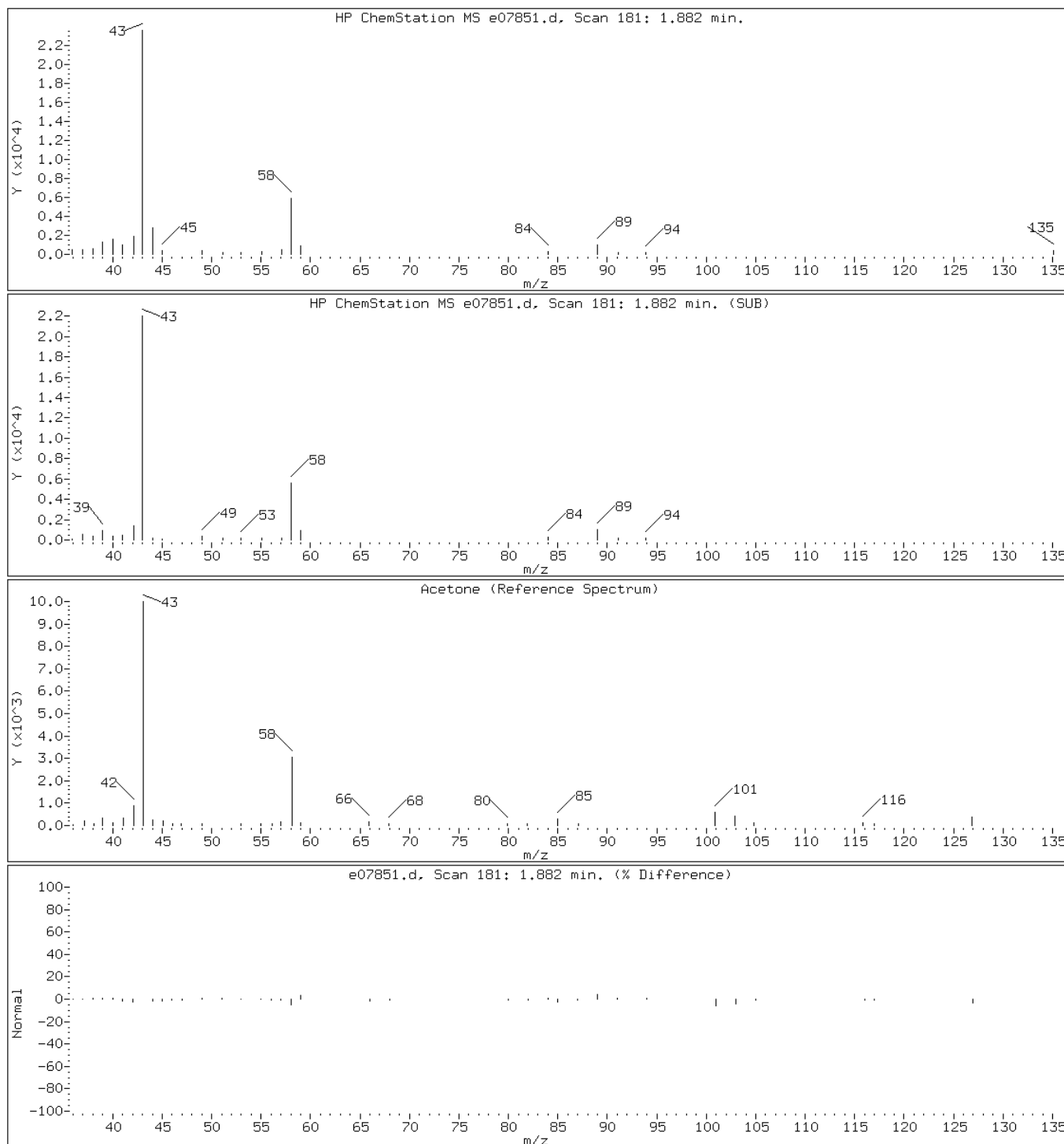
Client ID: TB-17338-091212-MM-

Instrument: VOAMS5.i

Sample Info: 460-44505-A-10

Operator: GC/MS VOAMS5

16 Acetone



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128076/2	e07836.d
Level 2	IC 460-128076/3	e07838.d
Level 3	ICIS 460-128076/4	e07839.d
Level 4	IC 460-128076/5	e07840.d
Level 5	IC 460-128076/6	e07841.d
Level 6	IC 460-128076/7	e07842.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1877 0.1572	0.1710	0.1761	0.1874	0.1774	Ave		0.1761			0.1000	6.5		30.0			
Chloromethane	0.4585 0.3074	0.3624	0.3717	0.3896	0.3503	Ave		0.3733			0.1000	13.4		30.0			
Vinyl chloride	0.3440 0.2532	0.2904	0.2965	0.3157	0.2914	Ave		0.2985			0.1000	10.1		30.0			
Bromomethane	0.1457 0.1184	0.1433	0.1250	0.1279	0.1268	Ave		0.1312			0.1000	8.3		30.0			
Chloroethane	0.1177 0.0838	0.1273	0.1133	0.1184	0.0992	Ave		0.1099			0.1000	14.3		30.0			
Trichlorofluoromethane	0.2861 0.2285	0.2160	0.2403	0.2359	0.2461	Ave		0.2422			0.1000	9.9		30.0			
1,1-Dichloroethene	0.1607 0.1456	0.1355	0.1549	0.1479	0.1528	Ave		0.1496			0.1000	5.8		30.0			
Carbon disulfide	0.7031 0.6366	0.6470	0.6825	0.7347	0.7283	Ave		0.6887			0.1000	5.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1346 0.1772	0.1631	0.1661	0.1849	0.1887	Ave		0.1691			0.1000	11.6		30.0			
Methylene Chloride	0.4479 0.2947	0.3769	0.3581	0.3500	0.3182	Ave		0.3576			0.1000	14.8		30.0			
Acetone	0.0225 0.0153	0.0193	0.0188	0.0182	0.0162	Ave		0.0184		*	0.1000	13.8		30.0			
trans-1,2-Dichloroethene	0.2047 0.1946	0.1989	0.2141	0.2174	0.2016	Ave		0.2052			0.1000	4.3		30.0			
Methyl acetate	0.0482 0.0371	0.0463	0.0420	0.0421	0.0402	Ave		0.0426		*	0.1000	9.4		30.0			
Methyl tert-butyl ether	0.7109 0.5992	0.7281	0.6924	0.6817	0.6907	Ave		0.6838			0.1000	6.5		30.0			
1,1-Dichloroethane	0.4650 0.4257	0.4524	0.4893	0.4673	0.4494	Ave		0.4582			0.1000	4.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.2536 0.2184	0.2396	0.2453	0.2363	0.2237	Ave		0.2361			0.1000	5.6		30.0			
Cyclohexane	0.3116 0.4438	0.4199	0.4030	0.4447	0.4640	Ave		0.4145			0.1000	13.2		30.0			
Chloroform	0.3895 0.3851	0.4109	0.4030	0.4060	0.3948	Ave		0.3982			0.1000	2.5		30.0			
Carbon tetrachloride	0.2420 0.2903	0.2373	0.2793	0.2813	0.2930	Ave		0.2705			0.1000	9.1		30.0			
1,1,1-Trichloroethane	0.3091 0.3522	0.3114	0.3513	0.3424	0.3583	Ave		0.3375			0.1000	6.4		30.0			
2-Butanone (MEK)	0.0273 0.0364	0.0279	0.0385	0.0372	0.0372	Ave		0.0341		*	0.1000	14.9		30.0			
Benzene	1.2012 0.9836	1.2533	1.2592	1.2117	1.2284	Ave		1.1896			0.1000	8.7		30.0			
1,2-Dichloroethane	0.3398 0.3124	0.3425	0.3293	0.3270	0.3193	Ave		0.3284			0.1000	3.5		30.0			
Methylcyclohexane	0.2272 0.3532	0.3440	0.3287	0.3727	0.3690	Ave		0.3325			0.1000	16.3		30.0			
Trichloroethene	0.2571 0.2426	0.2192	0.2414	0.2341	0.2365	Ave		0.2385			0.1000	5.2		30.0			
1,2-Dichloropropane	0.2758 0.2733	0.2786	0.2804	0.2730	0.2724	Ave		0.2756			0.1000	1.2		30.0			
Dichlorobromomethane	0.3209 0.3237	0.3160	0.3185	0.3141	0.3239	Ave		0.3195			0.1000	1.3		30.0			
cis-1,3-Dichloropropene	0.5043 0.5530	0.5293	0.5370	0.5217	0.5393	Ave		0.5308			0.1000	3.1		30.0			
Toluene	1.3662 1.0731	1.3454	1.4250	1.3844	1.3425	Ave		1.3228			0.1000	9.5		30.0			
Tetrachloroethene	0.2730 0.3255	0.2844	0.3369	0.3253	0.3225	Ave		0.3113			0.1000	8.3		30.0			
4-Methyl-2-pentanone (MIBK)	0.3587 0.3692	0.3603	0.3526	0.3550	0.3603	Ave		0.3593			0.1000	1.6		30.0			
trans-1,3-Dichloropropene	0.4563 0.5114	0.4743	0.4806	0.4779	0.4910	Ave		0.4819			0.1000	3.8		30.0			
1,1,2-Trichloroethane	0.2303 0.2280	0.2327	0.2287	0.2201	0.2185	Ave		0.2264			0.1000	2.5		30.0			
Chlorodibromomethane	0.3013 0.3249	0.2986	0.3088	0.3052	0.3111	Ave		0.3083			0.1000	3.0		30.0			
1,2-Dibromoethane	0.2596 0.2676	0.2708	0.2743	0.2671	0.2629	Ave		0.2670			0.1000	2.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.2652 0.2514	0.2737	0.2670	0.2679	0.2755	Ave		0.2668			0.1000	3.2		30.0			
Chlorobenzene	0.8958 0.8261	0.8985	0.9292	0.9070	0.8727	Ave		0.8882			0.1000	4.0		30.0			
Ethylbenzene	0.4549 0.4808	0.4523	0.4953	0.4866	0.4834	Ave		0.4756			0.1000	3.7		30.0			
m-Xylene & p-Xylene	0.5967 0.5224	0.5752	0.6297	0.6168	0.6094	Ave		0.5917			0.1000	6.5		30.0			
o-Xylene	0.5732 0.5765	0.5675	0.6142	0.6014	0.5989	Ave		0.5886			0.1000	3.2		30.0			
Bromoform	0.2053 0.2237	0.1991	0.2150	0.2194	0.2258	Ave		0.2147			0.1000	4.9		30.0			
Styrene	0.9657 0.8917	0.9899	1.0525	1.0511	1.0477	Ave		0.9998			0.1000	6.4		30.0			
Isopropylbenzene	1.3314 1.1764	1.3509	1.5606	1.5346	1.5340	Ave		1.4146			0.1000	10.8		30.0			
1,1,2,2-Tetrachloroethane	0.6545 0.6330	0.6405	0.6616	0.6489	0.6390	Ave		0.6462			0.1000	1.7		30.0			
1,3-Dichlorobenzene	1.2616 1.2242	1.2687	1.3292	1.3133	1.2758	Ave		1.2788			0.1000	3.0		30.0			
1,4-Dichlorobenzene	1.3636 1.2550	1.3114	1.3708	1.3534	1.3010	Ave		1.3259			0.1000	3.4		30.0			
1,2-Dichlorobenzene	1.2298 1.1521	1.2143	1.2601	1.2232	1.1746	Ave		1.2090			0.1000	3.2		30.0			
1,2-Dibromo-3-Chloropropane	0.1290 0.1095	0.1163	0.1082	0.1109	0.1042	Ave		0.1130			0.1000	7.8		30.0			
1,2,4-Trichlorobenzene	0.6538 0.5732	0.6139	0.6311	0.6265	0.5725	Ave		0.6118			0.1000	5.4		30.0			
1,2-Dichloroethane-d4 (Surr)	0.2599 0.2702	0.2736	0.2573	0.2553	0.2667	Ave		0.2638			0.1000	2.8		30.0			
Toluene-d8 (Surr)	1.1377 1.1690	1.2027	1.1720	1.1573	1.1645	Ave		1.1672			0.1000	1.8		30.0			
4-Bromofluorobenzene	0.7799 0.8206	0.8146	0.8086	0.8044	0.8193	Ave		0.8079			0.1000	1.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-128076/2	e07836.d
Level 2	IC 460-128076/3	e07838.d
Level 3	ICIS 460-128076/4	e07839.d
Level 4	IC 460-128076/5	e07840.d
Level 5	IC 460-128076/6	e07841.d
Level 6	IC 460-128076/7	e07842.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	8660 4551928	39416	167418	450014	1798263	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	21155 8902969	83523	353287	935453	3551906	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	15876 7332518	66919	281874	757876	2954383	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	6723 3429373	33032	118799	307121	1285567	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5433 2426216	29332	107678	284219	1005976	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	13203 6618134	49780	228376	566305	2495326	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	7415 4214942	31234	147259	355088	1549102	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	32446 18433408	149121	648801	1763903	7384049	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	6213 5130629	37580	157867	443949	1913025	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	20667 8533685	86862	340378	840419	3225631	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	5188 441742	13342	17849	43750	164598	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	9445 5633771	45844	203500	521911	2044335	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2222 1074355	10660	39926	101112	407713	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	32806 17351574	167790	658123	1636664	7002522	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	21457 12326764	104265	465144	1121930	4556341	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	11702 6324299	55218	233129	567238	2267968	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	14380 12852489	96765	383104	1067735	4704103	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	17974 11152231	94697	383084	974788	4002506	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	11168 8405131	54679	265527	675330	2970592	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	14264 10199723	71766	333961	821993	3633125	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	6291 1055008	19260	36552	89217	377317	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	45050 21876514	227079	968083	2380099	9863557	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	15679 9046377	78926	312991	785178	3236838	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	10486 10227785	79279	312424	894738	3740947	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	11865 7026524	50527	229465	562086	2397838	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	12728 7913672	64209	266559	655380	2762116	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	14807 9374106	72835	302742	754124	3283607	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	18914 12299317	95905	412847	1024782	4330221	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	51238 23868197	243768	1095520	2719268	10779721	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	10238 7239654	51530	258990	639002	2589541	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	67258 8212153	195851	271059	697282	2892746	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	17115 11373599	85943	369516	938808	3942425	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	8636 5071317	42154	175853	432262	1754301	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	11301 7227226	54107	237421	599464	2498269	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	9735 5952425	49066	210900	524614	2110766	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	49729 5590902	148758	205286	526223	2211715	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	33596 18374405	162793	714336	1781568	7007520	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-44505-1 Analy Batch No.: 128076

SDG No.: _____

Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/17/2012 04:49 Calibration End Date: 09/17/2012 07:10 Calibration ID: 17515

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	17061 10693410	81955	380762	955894	3881643	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	44761 23238078	208423	968280	2423002	9786882	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	21499 12821590	102832	472158	1181273	4809215	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	7698 4974461	36074	165267	430943	1812795	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	36217 19831782	179367	809158	2064560	8412645	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	49933 26165908	244766	1199765	3014281	12317103	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	13823 7365342	63947	277413	702309	2898768	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	26644 14243841	126663	557342	1421450	5787314	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	28798 14602396	130929	574816	1464915	5901891	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	25972 13405399	121236	528396	1324016	5328621	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2725 1274610	11615	45388	120062	472744	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	13808 6669727	61295	264648	678119	2596959	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	599539 782507	630441	611357	613057	676105	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	2133452 2600040	2179204	2252606	2273339	2337515	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	823604 954872	813301	847619	870646	929176	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
 Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 17-SEP-2012 04:49
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 1
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	8660	1.00000	1.1
3 Chloromethane	50	1.004	1.004	(0.280)	21155	1.00000	1.2
4 Vinyl Chloride	62	1.016	1.016	(0.283)	15876	1.00000	1.2
6 Bromomethane	94	1.169	1.169	(0.326)	6723	1.00000	1.1
5 Chloroethane	64	1.230	1.230	(0.343)	5433	1.00000	1.1
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	13203	1.00000	1.2
14 Freon TF	101	1.565	1.565	(0.436)	6213	1.00000	0.80(a)
15 1,1-Dichloroethene	96	1.547	1.547	(0.431)	7415	1.00000	1.1
16 Acetone	58	1.882	1.882	(0.524)	5188	5.00000	6.1
18 Carbon Disulfide	76	1.559	1.559	(0.434)	32446	1.00000	1.0
27 Methyl Acetate	74	1.955	1.955	(0.545)	2222	1.00000	1.1
22 Methylene Chloride	49	1.851	1.851	(0.516)	20667	1.00000	1.2
28 MTBE	73	2.016	2.016	(0.562)	32806	1.00000	1.0
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	9445	1.00000	1.00
30 1,1-Dichloroethane	63	2.303	2.303	(0.642)	21457	1.00000	1.0
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	11702	1.00000	1.1

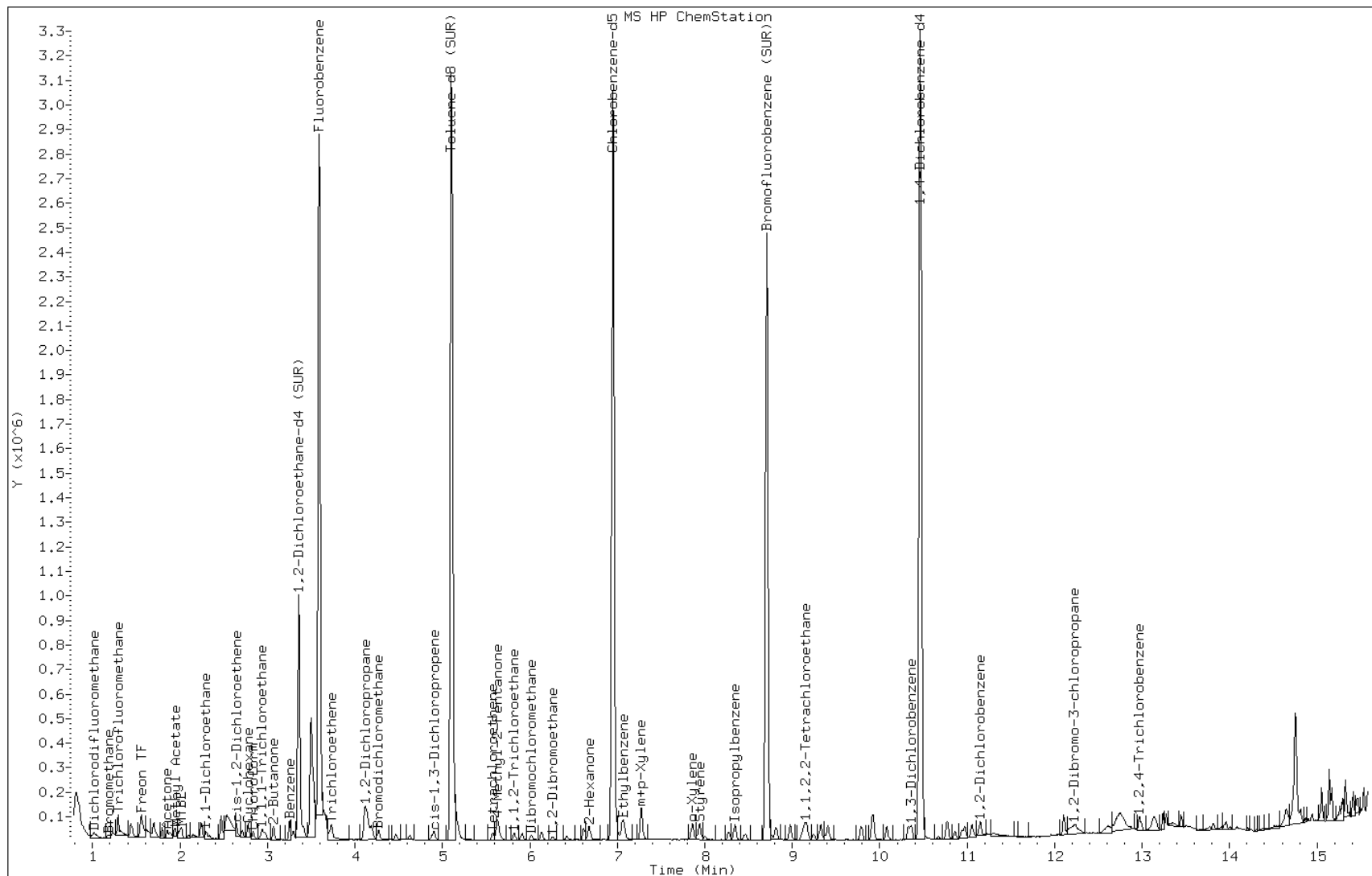
Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07836.d
 Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.856)	6291	5.00000	4.0(a)
42 Chloroform	83	2.839	2.839	(0.791)	17974	1.00000	0.98(a)
44 Cyclohexane	56	2.778	2.778	(0.774)	14380	1.00000	0.75(a)
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	14264	1.00000	0.92(a)
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	11168	1.00000	0.89(a)
48 Benzene	78	3.254	3.254	(0.468)	45050	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	599539	50.0000	49
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	15679	1.00000	1.0
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	2307227	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	11865	1.00000	1.1
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	10486	1.00000	0.68(a)
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	12728	1.00000	1.0
68 Bromodichloromethane	83	4.266	4.266	(1.189)	14807	1.00000	1.0
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	18914	1.00000	0.95(a)
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	67258	5.00000	5.0
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	2133452	50.0000	49
66 Toluene	91	5.156	5.156	(0.742)	51238	1.00000	1.0
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.813)	17115	1.00000	0.95(a)
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.839)	8636	1.00000	1.0
71 Tetrachloroethene	166	5.582	5.582	(0.803)	10238	1.00000	0.88(a)
73 2-Hexanone	43	6.674	6.674	(0.960)	49729	5.00000	5.0
74 Dibromochloromethane	129	6.015	6.015	(0.866)	11301	1.00000	0.98(a)
77 1,2-Dibromoethane	107	6.265	6.265	(0.902)	9735	1.00000	0.97(a)
* 78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	1875221	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.004)	33596	1.00000	1.0
81 Ethylbenzene	106	7.064	7.064	(1.017)	17061	1.00000	0.96(a)
82 m+p-Xylene	106	7.271	7.271	(1.046)	44761	2.00000	2.0
84 o-Xylene	106	7.856	7.856	(1.131)	21499	1.00000	0.97(a)
85 Styrene	104	7.942	7.942	(1.143)	36217	1.00000	0.96(a)
86 Bromoform	173	7.911	7.911	(1.139)	7698	1.00000	0.96(a)
88 Isopropylbenzene	105	8.344	8.344	(1.201)	49933	1.00000	0.94(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	823604	50.0000	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	13823	1.00000	1.0
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	26644	1.00000	0.99(a)
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1055978	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	28798	1.00000	1.0
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	25972	1.00000	1.0(H)
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	2725	1.00000	1.1
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	13808	1.00000	1.1
M 120 1,2-Dichloroethene (Total)	100				21147	2.00000	2.1
M 121 Xylene (Total)	100				66260	3.00000	3.0

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
 Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 17-SEP-2012 05:36
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 2
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	39416	5.00000	4.8
3 Chloromethane	50	1.016	1.016	(0.283)	83523	5.00000	4.8
4 Vinyl Chloride	62	1.022	1.022	(0.285)	66919	5.00000	4.9
6 Bromomethane	94	1.169	1.169	(0.326)	33032	5.00000	5.5
5 Chloroethane	64	1.230	1.230	(0.343)	29332	5.00000	5.8
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	49780	5.00000	4.5
14 Freon TF	101	1.559	1.559	(0.434)	37580	5.00000	4.8
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	31234	5.00000	4.5
16 Acetone	58	1.894	1.894	(0.528)	13342	15.0000	16
18 Carbon Disulfide	76	1.553	1.553	(0.433)	149121	5.00000	4.7
27 Methyl Acetate	74	1.961	1.961	(0.546)	10660	5.00000	5.4
22 Methylene Chloride	49	1.851	1.851	(0.516)	86862	5.00000	5.3
28 MTBE	73	2.016	2.016	(0.562)	167790	5.00000	5.3
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	45844	5.00000	4.8
30 1,1-Dichloroethane	63	2.296	2.296	(0.640)	104265	5.00000	4.9
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	55218	5.00000	5.1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07838.d
 Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.077	(0.857)	19260	15.0000	12
42 Chloroform	83	2.839	2.839	(0.791)	94697	5.00000	5.2
44 Cyclohexane	56	2.772	2.772	(0.772)	96765	5.00000	5.1
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	71766	5.00000	4.6
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	54679	5.00000	4.4
48 Benzene	78	3.254	3.254	(0.468)	227079	5.00000	5.3
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	630441	50.0000	52
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	78926	5.00000	5.2
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	2304638	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	50527	5.00000	4.6
56 Methyl cyclohexane	83	3.717	3.717	(1.036)	79279	5.00000	5.2
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	64209	5.00000	5.0
68 Bromodichloromethane	83	4.272	4.272	(1.190)	72835	5.00000	4.9
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	95905	5.00000	5.0
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	195851	15.0000	15
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	2179204	50.0000	52
66 Toluene	91	5.156	5.156	(0.742)	243768	5.00000	5.1
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	85943	5.00000	4.9
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	42154	5.00000	5.1
71 Tetrachloroethene	166	5.576	5.576	(0.803)	51530	5.00000	4.6
73 2-Hexanone	43	6.680	6.680	(0.961)	148758	15.0000	15
74 Dibromochloromethane	129	6.015	6.015	(0.866)	54107	5.00000	4.8
77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	49066	5.00000	5.1
* 78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	1811885	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.004)	162793	5.00000	5.0
81 Ethylbenzene	106	7.058	7.058	(1.016)	81955	5.00000	4.8
82 m+p-Xylene	106	7.271	7.271	(1.046)	208423	10.0000	9.7
84 o-Xylene	106	7.856	7.856	(1.131)	102832	5.00000	4.8
85 Styrene	104	7.942	7.942	(1.143)	179367	5.00000	5.0
86 Bromoform	173	7.911	7.911	(1.139)	36074	5.00000	4.6
88 Isopropylbenzene	105	8.344	8.344	(1.201)	244766	5.00000	4.8
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	813301	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	63947	5.00000	5.0
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	126663	5.00000	5.0
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	998386	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	130929	5.00000	4.9
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	121236	5.00000	5.0
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	11615	5.00000	5.1
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	61295	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				101062	10.0000	9.9
M 121 Xylene (Total)	100				311255	15.0000	14

Data File: e07838.d

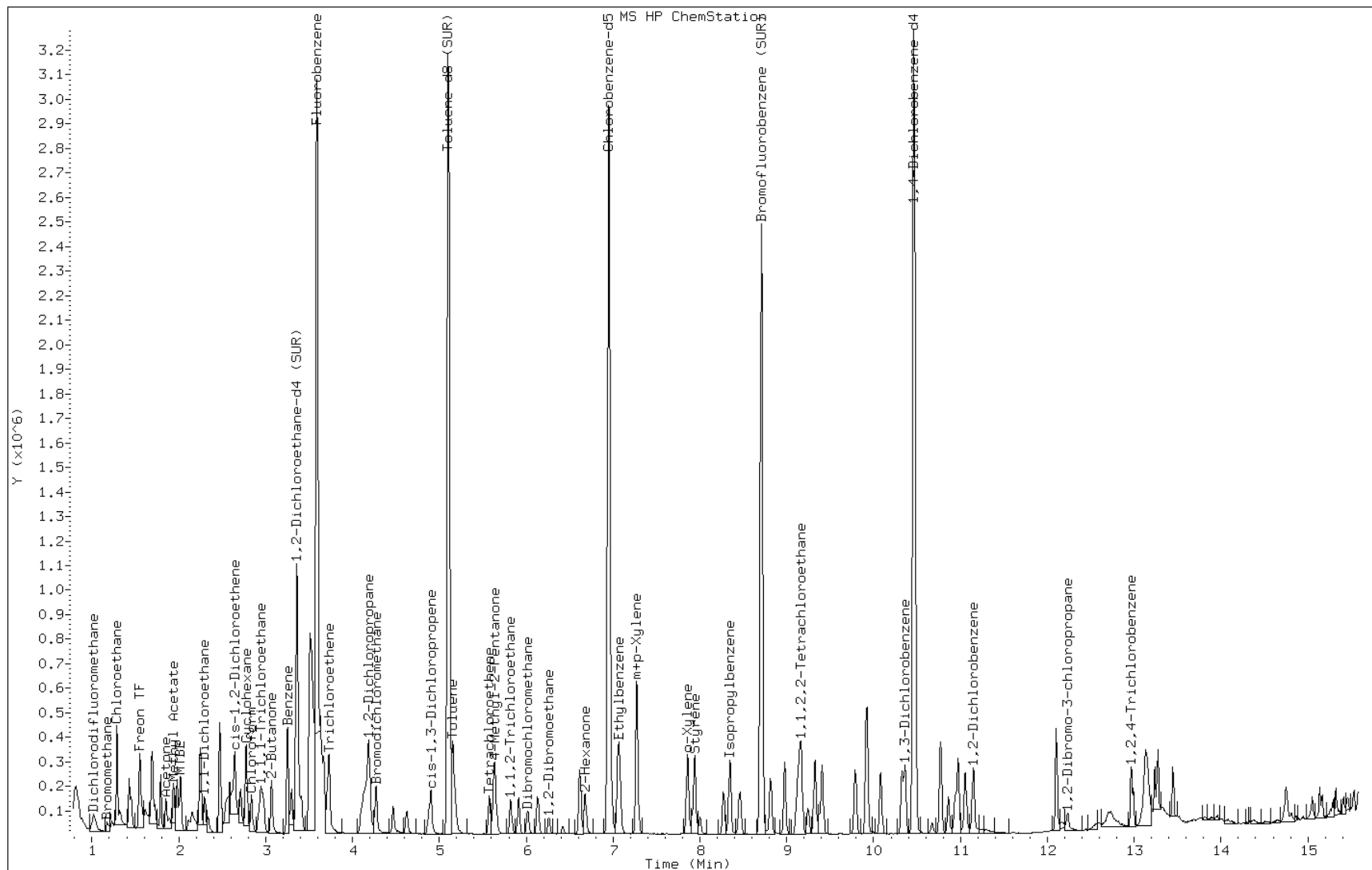
Date: 17-SEP-2012 05:36

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL2

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
 Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 17-SEP-2012 06:00
 Operator : GC/MS VOAMS5
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e07839.d

Calibration Sample, Level: 3

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

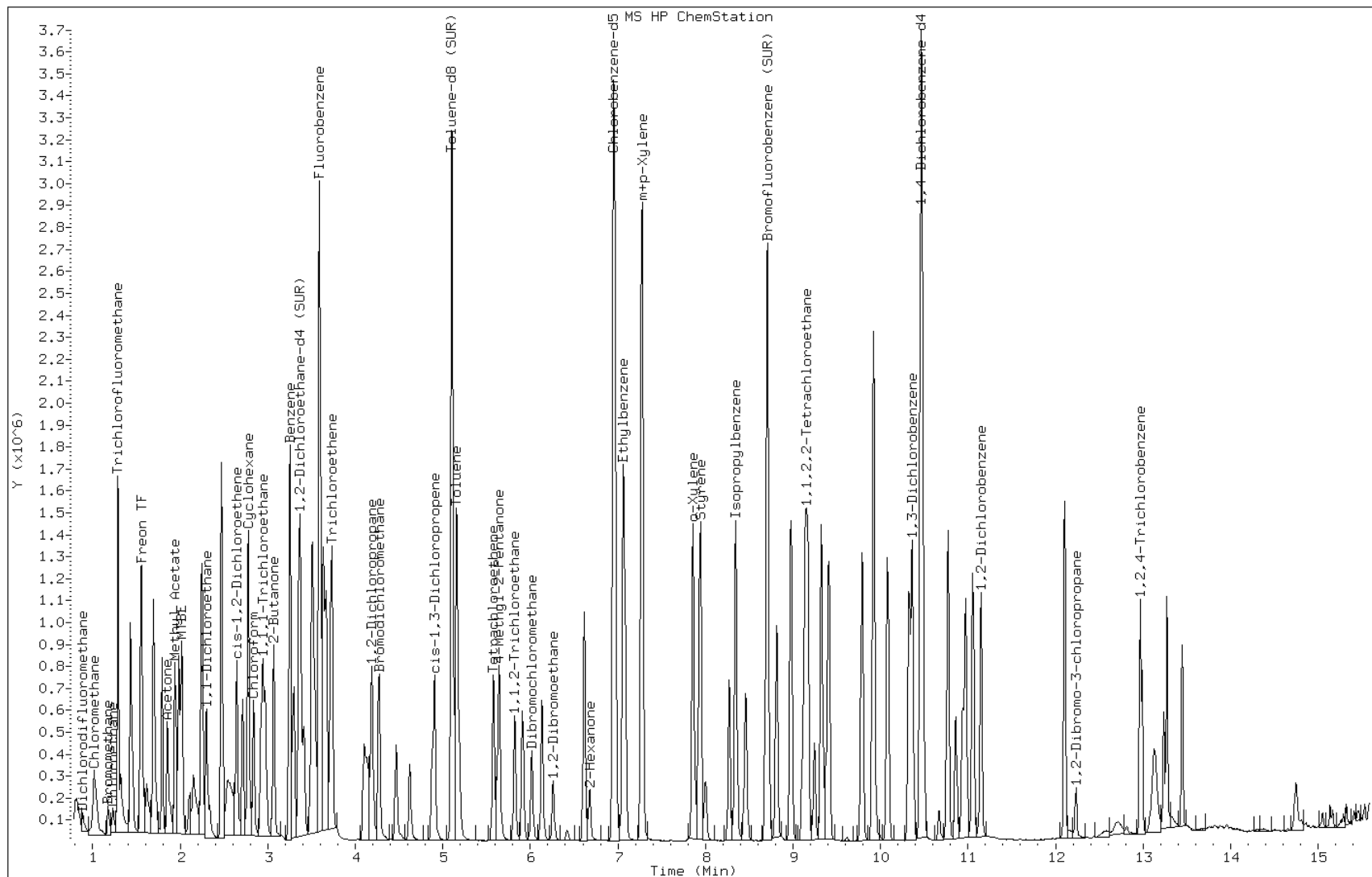
Cpnd Variable Local Compound Variable

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	167418	20.0000	20
3 Chloromethane	50	1.016	1.016	(0.283)	353287	20.0000	20
4 Vinyl Chloride	62	1.016	1.016	(0.283)	281874	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	118799	20.0000	19
5 Chloroethane	64	1.230	1.230	(0.343)	107678	20.0000	21
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	228376	20.0000	20
14 Freon TF	101	1.559	1.559	(0.434)	157867	20.0000	20
15 1,1-Dichloroethene	96	1.540	1.540	(0.429)	147259	20.0000	21
16 Acetone	58	1.888	1.888	(0.526)	17849	20.0000	20
18 Carbon Disulfide	76	1.559	1.559	(0.434)	648801	20.0000	20
27 Methyl Acetate	74	1.955	1.955	(0.545)	39926	20.0000	20
22 Methylene Chloride	49	1.851	1.851	(0.516)	340378	20.0000	20
28 MTBE	73	2.016	2.016	(0.562)	658123	20.0000	20
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.541)	203500	20.0000	21
30 1,1-Dichloroethane	63	2.303	2.303	(0.642)	465144	20.0000	21
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	233129	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07839.d
 Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.856)	36552	20.0000	22
42 Chloroform	83	2.839	2.839	(0.791)	383084	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.774)	383104	20.0000	19
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	333961	20.0000	21
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	265527	20.0000	21
48 Benzene	78	3.254	3.254	(0.468)	968083	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	611357	50.0000	49
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	312991	20.0000	20
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	2376396	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	229465	20.0000	20
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	312424	20.0000	20
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	266559	20.0000	20
68 Bromodichloromethane	83	4.266	4.266	(1.189)	302742	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	412847	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	271059	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2252606	50.0000	50
66 Toluene	91	5.156	5.156	(0.741)	1095520	20.0000	22
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	369516	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	175853	20.0000	20
71 Tetrachloroethene	166	5.576	5.576	(0.802)	258990	20.0000	22
73 2-Hexanone	43	6.680	6.680	(0.961)	205286	20.0000	20
74 Dibromochloromethane	129	6.015	6.015	(0.865)	237421	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	210900	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1921967	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	714336	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	380762	20.0000	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	968280	40.0000	42
84 o-Xylene	106	7.856	7.856	(1.130)	472158	20.0000	21
85 Styrene	104	7.942	7.942	(1.142)	809158	20.0000	21
86 Bromoform	173	7.911	7.911	(1.138)	165267	20.0000	20
88 Isopropylbenzene	105	8.344	8.344	(1.200)	1199765	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	847619	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	277413	20.0000	20
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	557342	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1048295	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	574816	20.0000	21
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	528396	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	45388	20.0000	19
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	264648	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				436629	40.0000	42
M 121 Xylene (Total)	100				1440438	60.0000	63

Operator: GC/MS V0AMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
 Report Date: 17-Sep-2012 13:17

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 17-SEP-2012 06:23
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File: e07839.d

Calibration Sample, Level: 4

Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	450014	50.0000	53
3 Chloromethane	50	1.010	1.010	(0.281)	935453	50.0000	52
4 Vinyl Chloride	62	1.016	1.016	(0.283)	757876	50.0000	53
6 Bromomethane	94	1.175	1.175	(0.327)	307121	50.0000	49
5 Chloroethane	64	1.230	1.230	(0.342)	284219	50.0000	54
7 Trichlorofluoromethane	101	1.290	1.290	(0.359)	566305	50.0000	49
14 Freon TF	101	1.565	1.565	(0.435)	443949	50.0000	55
15 1,1-Dichloroethene	96	1.540	1.540	(0.428)	355088	50.0000	49
16 Acetone	58	1.888	1.888	(0.525)	43750	50.0000	50
18 Carbon Disulfide	76	1.559	1.559	(0.434)	1763903	50.0000	53
27 Methyl Acetate	74	1.961	1.961	(0.546)	101112	50.0000	49
22 Methylene Chloride	49	1.851	1.851	(0.515)	840419	50.0000	49
28 MTBE	73	2.016	2.016	(0.561)	1636664	50.0000	50
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	521911	50.0000	53
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	1121930	50.0000	51
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	567238	50.0000	50

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07840.d
 Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	89217	50.0000	54
42 Chloroform	83	2.839	2.839	(0.790)	974788	50.0000	51
44 Cyclohexane	56	2.778	2.778	(0.773)	1067735	50.0000	54
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	821993	50.0000	51
45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	675330	50.0000	52
48 Benzene	78	3.254	3.254	(0.468)	2380099	50.0000	51
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	613057	50.0000	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	785178	50.0000	50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	2400971	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	562086	50.0000	49
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	894738	50.0000	56
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	655380	50.0000	50
68 Bromodichloromethane	83	4.272	4.272	(1.188)	754124	50.0000	49
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	1024782	50.0000	49
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	697282	50.0000	49
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2273339	50.0000	50
66 Toluene	91	5.162	5.162	(0.742)	2719268	50.0000	52
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	938808	50.0000	50
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	432262	50.0000	49
71 Tetrachloroethene	166	5.576	5.576	(0.802)	639002	50.0000	52
73 2-Hexanone	43	6.680	6.680	(0.961)	526223	50.0000	50
74 Dibromochloromethane	129	6.015	6.015	(0.865)	599464	50.0000	49
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	524614	50.0000	50
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1964266	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	1781568	50.0000	51
81 Ethylbenzene	106	7.064	7.064	(1.016)	955894	50.0000	51
82 m+p-Xylene	106	7.277	7.277	(1.046)	2423002	100.000	100
84 o-Xylene	106	7.862	7.862	(1.131)	1181273	50.0000	51
85 Styrene	104	7.942	7.942	(1.142)	2064560	50.0000	52
86 Bromoform	173	7.911	7.911	(1.138)	430943	50.0000	51
88 Isopropylbenzene	105	8.350	8.350	(1.201)	3014281	50.0000	54
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	870646	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	702309	50.0000	50
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	1421450	50.0000	51
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1082388	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	1464915	50.0000	51
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	1324016	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	120062	50.0000	49
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	678119	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				1089149	100.000	100
M 121 Xylene (Total)	100				3604275	150.000	160

Data File: e07840.d

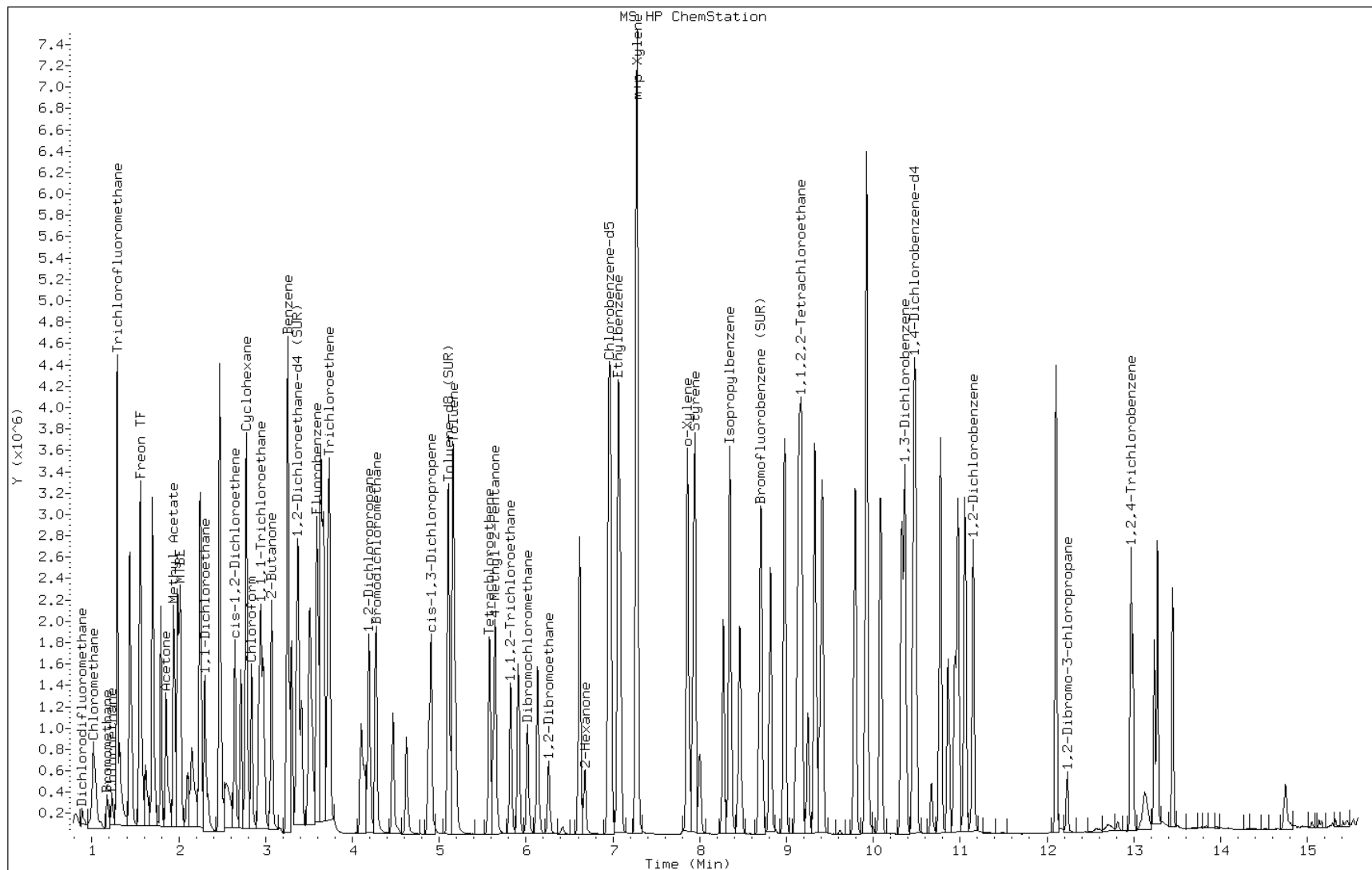
Date: 17-SEP-2012 06:23

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL4

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
 Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 17-SEP-2012 06:46
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 5
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	1798263	200.000	200
3 Chloromethane	50	1.010	1.010	(0.281)	3551906	200.000	190
4 Vinyl Chloride	62	1.016	1.016	(0.283)	2954383	200.000	200
6 Bromomethane	94	1.175	1.175	(0.327)	1285567	200.000	190
5 Chloroethane	64	1.230	1.230	(0.342)	1005976	200.000	180
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	2495326	200.000	200
14 Freon TF	101	1.565	1.565	(0.435)	1913025	200.000	220
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	1549102	200.000	200
16 Acetone	58	1.894	1.894	(0.527)	164598	200.000	180
18 Carbon Disulfide	76	1.559	1.559	(0.434)	7384049	200.000	210
27 Methyl Acetate	74	1.961	1.961	(0.546)	407713	200.000	190
22 Methylene Chloride	49	1.851	1.851	(0.515)	3225631	200.000	180
28 MTBE	73	2.016	2.016	(0.561)	7002522	200.000	200
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	2044335	200.000	200
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	4556341	200.000	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	2267968	200.000	190

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07841.d
Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)	377317	200.000	220
42 Chloroform	83		2.839	2.839	(0.790)	4002506	200.000	200
44 Cyclohexane	56		2.784	2.784	(0.774)	4704103	200.000	220
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)	3633125	200.000	210
45 Carbon Tetrachloride	117		2.930	2.930	(0.815)	2970592	200.000	220
48 Benzene	78		3.260	3.260	(0.468)	9863557	200.000	210
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)	676105	50.0000	50
49 1,2-Dichloroethane	62		3.418	3.418	(0.951)	3236838	200.000	190
* 52 Fluorobenzene	96		3.595	3.595	(1.000)	2534623	50.0000	
54 Trichloroethene	95		3.741	3.741	(1.041)	2397838	200.000	200
56 Methyl cyclohexane	83		3.729	3.729	(1.037)	3740947	200.000	220
57 1,2-Dichloropropane	63		4.199	4.199	(1.168)	2762116	200.000	200
68 Bromodichloromethane	83		4.272	4.272	(1.188)	3283607	200.000	200
67 cis-1,3-Dichloropropene	75		4.912	4.912	(0.706)	4330221	200.000	200
70 4-Methyl-2-Pentanone	43		5.631	5.631	(0.809)	2892746	200.000	200
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)	2337515	50.0000	50
66 Toluene	91		5.162	5.162	(0.742)	10779721	200.000	200
64 trans-1,3-Dichloropropene	75		5.656	5.656	(0.813)	3942425	200.000	200
69 1,1,2-Trichloroethane	83		5.826	5.826	(0.837)	1754301	200.000	190
71 Tetrachloroethene	166		5.582	5.582	(0.802)	2589541	200.000	210
73 2-Hexanone	43		6.686	6.686	(0.961)	2211715	200.000	210
74 Dibromochloromethane	129		6.021	6.021	(0.865)	2498269	200.000	200
77 1,2-Dibromoethane	107		6.265	6.265	(0.900)	2110766	200.000	200
* 78 Chlorobenzene-d5	117		6.960	6.960	(1.000)	2007362	50.0000	
79 Chlorobenzene	112		6.978	6.978	(1.003)	7007520	200.000	200
81 Ethylbenzene	106		7.076	7.076	(1.017)	3881643	200.000	200
82 m+p-Xylene	106		7.289	7.289	(1.047)	9786882	400.000	410
84 o-Xylene	106		7.869	7.869	(1.131)	4809215	200.000	200
85 Styrene	104		7.954	7.954	(1.143)	8412645	200.000	210
86 Bromoform	173		7.923	7.923	(1.138)	1812795	200.000	210
88 Isopropylbenzene	105		8.356	8.356	(1.201)	12317103	200.000	220(A)
\$ 89 Bromofluorobenzene (SUR)	174		8.716	8.716	(0.832)	929176	50.0000	51
92 1,1,2,2-Tetrachloroethane	83		9.124	9.124	(0.871)	2898768	200.000	200
105 1,3-Dichlorobenzene	146		10.344	10.344	(0.987)	5787314	200.000	200
* 108 1,4-Dichlorobenzene-d4	152		10.478	10.478	(1.000)	1134091	50.0000	
109 1,4-Dichlorobenzene	146		10.502	10.502	(1.002)	5901891	200.000	200
111 1,2-Dichlorobenzene	146		11.167	11.167	(1.066)	5328621	200.000	190
112 1,2-Dibromo-3-chloropropane	75		12.240	12.240	(1.168)	472744	200.000	180
114 1,2,4-Trichlorobenzene	180		12.971	12.971	(1.238)	2596959	200.000	190
M 120 1,2-Dichloroethene (Total)	100					4312303	400.000	380
M 121 Xylene (Total)	100					14596097	600.000	620

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e07841.d

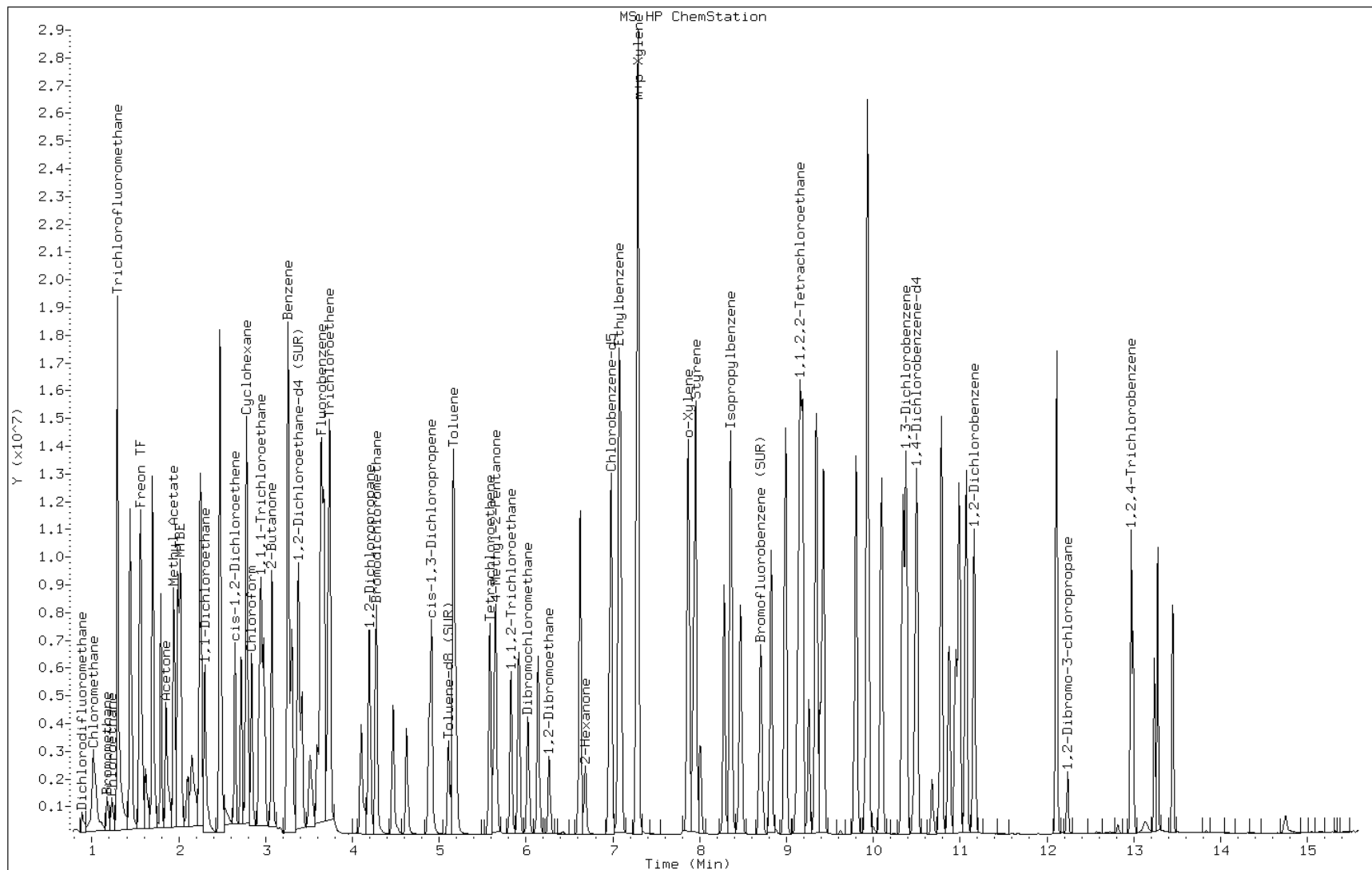
Date: 17-SEP-2012 06:46

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL5

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
 Report Date: 17-Sep-2012 13:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 17-SEP-2012 07:10
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 Calibration Sample, Level: 6
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	4551928		500.000	450
3 Chloromethane	50	1.010	1.010	(0.280)	8902969		500.000	410
4 Vinyl Chloride	62	1.016	1.016	(0.282)	7332518		500.000	420
6 Bromomethane	94	1.175	1.175	(0.326)	3429373		500.000	450
5 Chloroethane	64	1.230	1.230	(0.341)	2426216		500.000	380
7 Trichlorofluoromethane	101	1.297	1.297	(0.360)	6618134		500.000	470
14 Freon TF	101	1.571	1.571	(0.436)	5130629		500.000	520(A)
15 1,1-Dichloroethene	96	1.547	1.547	(0.429)	4214942		500.000	490
16 Acetone	58	1.894	1.894	(0.526)	441742		500.000	420
18 Carbon Disulfide	76	1.559	1.559	(0.433)	18433408		500.000	460
27 Methyl Acetate	74	1.961	1.961	(0.545)	1074355		500.000	440
22 Methylene Chloride	49	1.851	1.851	(0.514)	8533685		500.000	410
28 MTBE	73	2.022	2.022	(0.562)	17351574		500.000	440
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	5633771		500.000	470
30 1,1-Dichloroethane	63	2.302	2.302	(0.639)	12326764		500.000	460
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.736)	6324299		500.000	460

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07842.d
Report Date: 17-Sep-2012 13:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.083	3.083	(0.856)	1055008	500.000	530(A)
42 Chloroform	83	2.845	2.845	(0.790)	11152231	500.000	480
44 Cyclohexane	56	2.790	2.790	(0.775)	12852489	500.000	540(A)
43 1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	10199723	500.000	520(A)
45 Carbon Tetrachloride	117	2.936	2.936	(0.815)	8405131	500.000	540(A)
48 Benzene	78	3.260	3.260	(0.468)	21876514	500.000	410
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.369	3.369	(0.936)	782507	50.0000	51
49 1,2-Dichloroethane	62	3.424	3.424	(0.951)	9046377	500.000	480
* 52 Fluorobenzene	96	3.601	3.601	(1.000)	2895790	50.0000	
54 Trichloroethene	95	3.753	3.753	(1.042)	7026524	500.000	510(A)
56 Methyl cyclohexane	83	3.741	3.741	(1.039)	10227785	500.000	530(A)
57 1,2-Dichloropropane	63	4.205	4.205	(1.168)	7913672	500.000	500
68 Bromodichloromethane	83	4.284	4.284	(1.190)	9374106	500.000	510(A)
67 cis-1,3-Dichloropropene	75	4.924	4.924	(0.706)	12299317	500.000	520(A)
70 4-Methyl-2-Pentanone	43	5.649	5.649	(0.810)	8212153	500.000	510(A)
\$ 65 Toluene-d8 (SUR)	98	5.113	5.113	(0.733)	2600040	50.0000	50
66 Toluene	91	5.168	5.168	(0.741)	23868197	500.000	400
64 trans-1,3-Dichloropropene	75	5.668	5.668	(0.813)	11373599	500.000	530(A)
69 1,1,2-Trichloroethane	83	5.838	5.838	(0.837)	5071317	500.000	500(A)
71 Tetrachloroethene	166	5.594	5.594	(0.802)	7239654	500.000	520(A)
73 2-Hexanone	43	6.698	6.698	(0.961)	5590902	500.000	470
74 Dibromochloromethane	129	6.033	6.033	(0.865)	7227226	500.000	530(A)
77 1,2-Dibromoethane	107	6.277	6.277	(0.900)	5952425	500.000	500(A)
* 78 Chlorobenzene-d5	117	6.972	6.972	(1.000)	2224153	50.0000	
79 Chlorobenzene	112	6.997	6.997	(1.003)	18374405	500.000	460
81 Ethylbenzene	106	7.094	7.094	(1.017)	10693410	500.000	500(A)
82 m+p-Xylene	106	7.308	7.308	(1.048)	23238078	1000.00	880
84 o-Xylene	106	7.887	7.887	(1.131)	12821590	500.000	490
85 Styrene	104	7.966	7.966	(1.143)	19831782	500.000	440
86 Bromoform	173	7.942	7.942	(1.139)	4974461	500.000	520(A)
88 Isopropylbenzene	105	8.368	8.368	(1.200)	26165908	500.000	420(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.728	8.728	(0.832)	954872	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.143	9.143	(0.871)	7365342	500.000	490
105 1,3-Dichlorobenzene	146	10.362	10.362	(0.987)	14243841	500.000	480
* 108 1,4-Dichlorobenzene-d4	152	10.496	10.496	(1.000)	1163568	50.0000	
109 1,4-Dichlorobenzene	146	10.526	10.526	(1.003)	14602396	500.000	470
111 1,2-Dichlorobenzene	146	11.185	11.185	(1.066)	13405399	500.000	480
112 1,2-Dibromo-3-chloropropane	75	12.246	12.246	(1.167)	1274610	500.000	480
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.236)	6669727	500.000	470
M 120 1,2-Dichloroethene (Total)	100				11958070	1000.00	940
M 121 Xylene (Total)	100				36059668	1500.00	1400

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: e07842.d

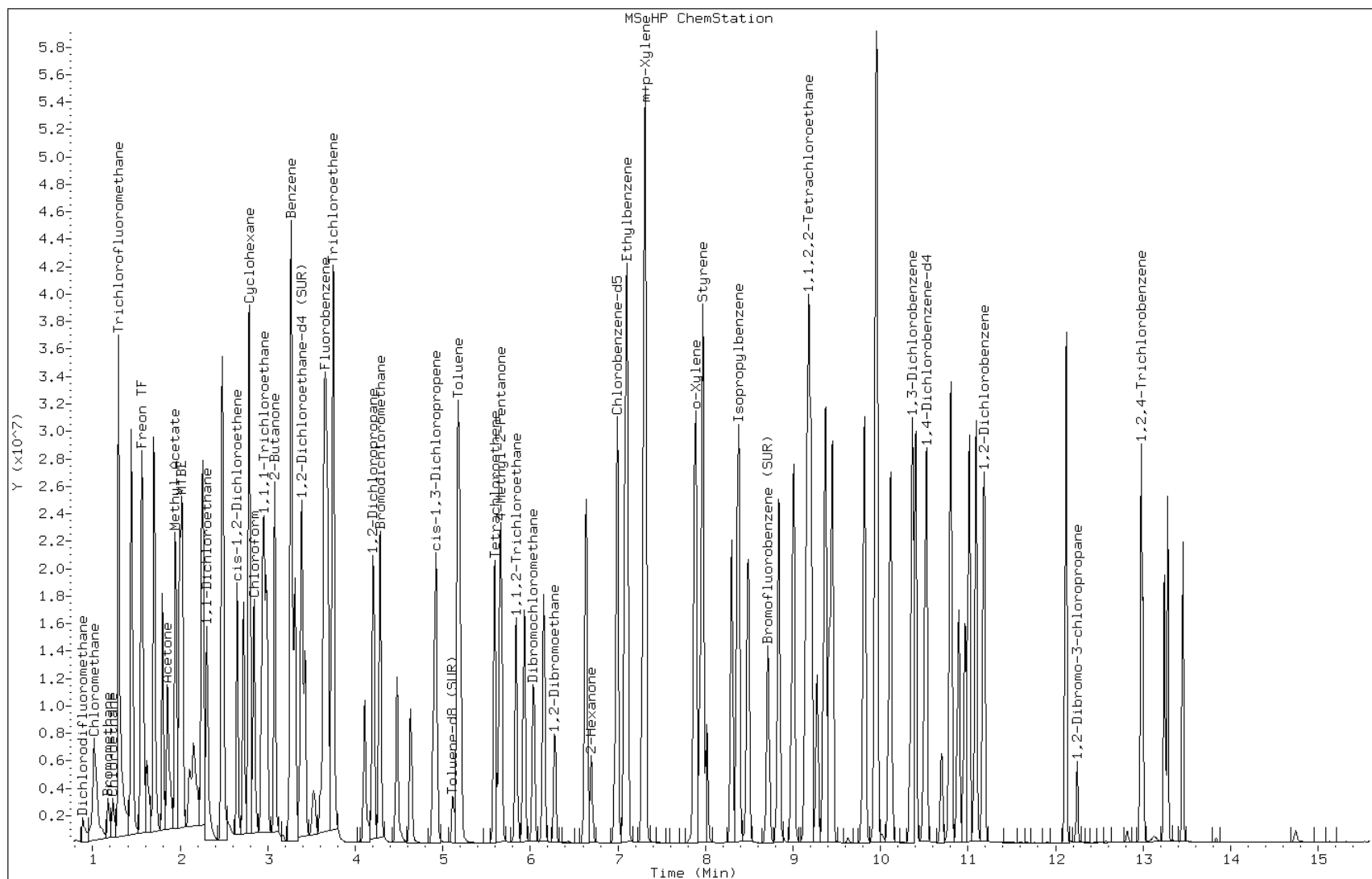
Date: 17-SEP-2012 07:10

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL6

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Lab Sample ID: CCV 460-128076/20 Calibration Date: 09/17/2012 16:16

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e07864.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1761	0.1742	0.1000	19.8	20.0	-1.1	25.0
Chloromethane	Ave	0.3733	0.3792	0.1000	20.3	20.0	1.6	25.0
Vinyl chloride	Ave	0.2985	0.3099	0.1000	20.8	20.0	3.8	25.0
Bromomethane	Ave	0.1312	0.1345	0.1000	20.5	20.0	2.5	25.0
Chloroethane	Ave	0.1099	0.1525	0.1000	27.7	20.0	38.7*	25.0
Trichlorofluoromethane	Ave	0.2422	0.3069	0.1000	25.3	20.0	26.7*	25.0
1,1-Dichloroethene	Ave	0.1496	0.1612	0.1000	21.6	20.0	7.8	25.0
Carbon disulfide	Ave	0.6887	0.7115	0.1000	20.7	20.0	3.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.1823	0.1000	21.6	20.0	7.8	25.0
Methylene Chloride	Ave	0.3576	0.3660	0.1000	20.5	20.0	2.4	25.0
Acetone	Ave	0.0184	0.0154*	0.1000	16.7	20.0	-16.4	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2082	0.1000	20.3	20.0	1.5	25.0
Methyl acetate	Ave	0.0426	0.0343*	0.1000	16.1	20.0	-19.6	25.0
Methyl tert-butyl ether	Ave	0.6838	0.6279	0.1000	18.4	20.0	-8.2	25.0
1,1-Dichloroethane	Ave	0.4582	0.4875	0.1000	21.3	20.0	6.4	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2405	0.1000	20.4	20.0	1.8	25.0
Cyclohexane	Ave	0.4145	0.4534	0.1000	21.9	20.0	9.4	25.0
Chloroform	Ave	0.3982	0.4306	0.1000	21.6	20.0	8.1	25.0
Carbon tetrachloride	Ave	0.2705	0.2839	0.1000	21.0	20.0	5.0	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3399	0.1000	20.1	20.0	0.7	25.0
2-Butanone (MEK)	Ave	0.0341	0.0311*	0.1000	18.3	20.0	-8.7	25.0
Benzene	Ave	1.190	1.335	0.1000	22.5	20.0	12.3	25.0
1,2-Dichloroethane	Ave	0.3284	0.3401	0.1000	20.7	20.0	3.6	25.0
Methylcyclohexane	Ave	0.3325	0.3635	0.1000	21.9	20.0	9.3	25.0
Trichloroethene	Ave	0.2385	0.2448	0.1000	20.5	20.0	2.6	25.0
1,2-Dichloropropane	Ave	0.2756	0.2893	0.1000	21.0	20.0	5.0	25.0
Dichlorobromomethane	Ave	0.3195	0.3294	0.1000	20.6	20.0	3.1	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.5662	0.1000	21.3	20.0	6.7	25.0
Toluene	Ave	1.323	1.465	0.1000	22.1	20.0	10.7	25.0
Tetrachloroethene	Ave	0.3113	0.3375	0.1000	21.7	20.0	8.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.3309	0.1000	18.4	20.0	-7.9	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.5058	0.1000	21.0	20.0	4.9	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2348	0.1000	20.7	20.0	3.7	25.0
Chlorodibromomethane	Ave	0.3083	0.3204	0.1000	20.8	20.0	3.9	25.0
1,2-Dibromoethane	Ave	0.2670	0.2772	0.1000	20.8	20.0	3.8	25.0
2-Hexanone	Ave	0.2668	0.2403	0.1000	18.0	20.0	-9.9	25.0
Chlorobenzene	Ave	0.8882	0.9376	0.1000	21.1	20.0	5.6	25.0
Ethylbenzene	Ave	0.4756	0.5015	0.1000	21.1	20.0	5.5	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.6379	0.1000	43.1	40.0	7.8	25.0
o-Xylene	Ave	0.5886	0.6276	0.1000	21.3	20.0	6.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Lab Sample ID: CCV 460-128076/20 Calibration Date: 09/17/2012 16:16
 Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10
 Lab File ID: e07864.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2147	0.2074	0.1000	19.3	20.0	-3.4	25.0
Styrene	Ave	1.000	1.081	0.1000	21.6	20.0	8.1	25.0
Isopropylbenzene	Ave	1.415	1.580	0.1000	22.3	20.0	11.7	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6428	0.1000	19.9	20.0	-0.5	25.0
1,3-Dichlorobenzene	Ave	1.279	1.383	0.1000	21.6	20.0	8.1	25.0
1,4-Dichlorobenzene	Ave	1.326	1.417	0.1000	21.4	20.0	6.9	25.0
1,2-Dichlorobenzene	Ave	1.209	1.306	0.1000	21.6	20.0	8.0	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1130	0.1000	20.0	20.0	-0.0	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.7017	0.1000	22.9	20.0	14.7	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2554	0.1000	48.4	50.0	-3.2	25.0
Toluene-d8 (Surr)	Ave	1.167	1.186	0.1000	50.8	50.0	1.6	25.0
4-Bromofluorobenzene	Ave	0.8079	0.7906	0.1000	48.9	50.0	-2.1	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07864.d
 Report Date: 17-Sep-2012 16:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07864.d
 Lab Smp Id: CCV
 Inj Date : 17-SEP-2012 16:16
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 16:57 maryb
 Cal Date : 17-SEP-2012 16:16
 Als bottle: 30
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07864.d
 Continuing Calibration Sample
 Compound Sublist: HSLDEL.sub

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

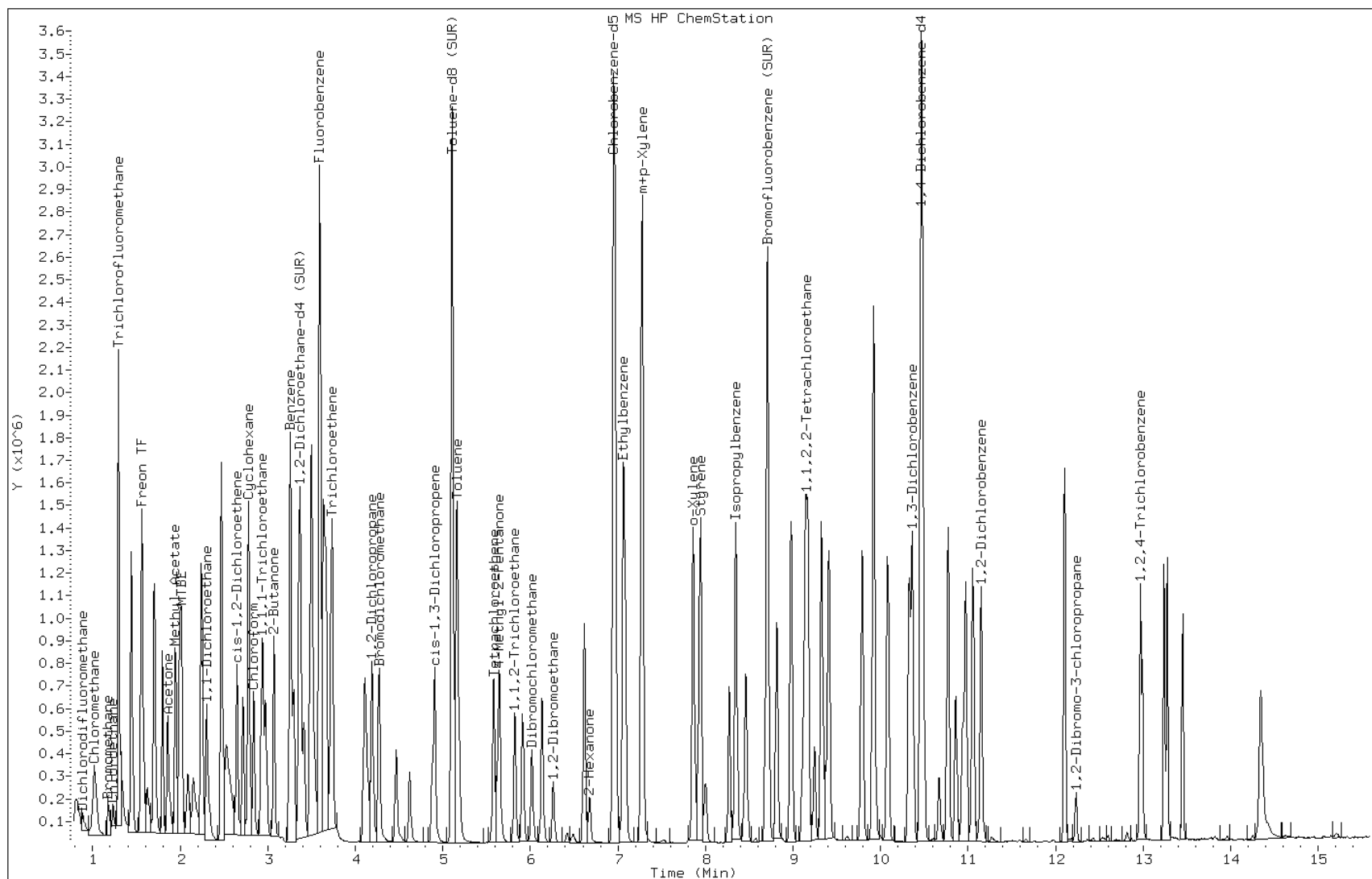
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		0.888	0.888	(0.247)	167675	20.0000	20
3 Chloromethane	50		1.010	1.010	(0.281)	365030	20.0000	20
4 Vinyl Chloride	62		1.022	1.022	(0.284)	298298	20.0000	21
6 Bromomethane	94		1.175	1.175	(0.327)	129438	20.0000	20
5 Chloroethane	64		1.229	1.229	(0.342)	146827	20.0000	28
7 Trichlorofluoromethane	101		1.297	1.297	(0.361)	295398	20.0000	25
14 Freon TF	101		1.571	1.571	(0.437)	175514	20.0000	22
15 1,1-Dichloroethene	96		1.546	1.546	(0.430)	155179	20.0000	22
16 Acetone	58		1.888	1.888	(0.525)	14786	20.0000	17
18 Carbon Disulfide	76		1.565	1.565	(0.435)	684965	20.0000	21
27 Methyl Acetate	74		1.955	1.955	(0.544)	33004	20.0000	16
22 Methylene Chloride	49		1.857	1.857	(0.517)	352364	20.0000	20
28 MTBE	73		2.016	2.016	(0.561)	604410	20.0000	18
25 trans-1,2-Dichloroethene	96		1.943	1.943	(0.540)	200432	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07864.d
 Report Date: 17-Sep-2012 16:58

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	469317	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	231501	20.0000	20
38 2-Butanone	72	3.071	3.071	(0.854)	29931	20.0000	18
42 Chloroform	83	2.839	2.839	(0.790)	414533	20.0000	22
44 Cyclohexane	56	2.778	2.778	(0.773)	436512	20.0000	22
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	327195	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	273320	20.0000	21
48 Benzene	78	3.253	3.253	(0.468)	997350	20.0000	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	614723	50.0000	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	327416	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	2406670	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	235634	20.0000	20
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	349925	20.0000	22
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	278455	20.0000	21
68 Bromodichloromethane	83	4.272	4.272	(1.188)	317062	20.0000	21
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	422885	20.0000	21
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	247118	20.0000	18
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2214569	50.0000	51
66 Toluene	91	5.162	5.162	(0.742)	1094164	20.0000	22
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	377744	20.0000	21
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	175391	20.0000	21
71 Tetrachloroethene	166	5.582	5.582	(0.803)	252037	20.0000	22
73 2-Hexanone	43	6.674	6.674	(0.960)	179505	20.0000	18
74 Dibromochloromethane	129	6.015	6.015	(0.865)	239267	20.0000	21
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	207006	20.0000	21
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1867230	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	700302	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	374558	20.0000	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	952948	40.0000	43
84 o-Xylene	106	7.862	7.862	(1.131)	468781	20.0000	21
85 Styrene	104	7.942	7.942	(1.142)	807337	20.0000	22
86 Bromoform	173	7.911	7.911	(1.138)	154913	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1179961	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	808977	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	263078	20.0000	20
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	565994	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1023168	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	579893	20.0000	21
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	534510	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	46261	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	287165	20.0000	23
M 120 1,2-Dichloroethene (Total)	100				431934	40.0000	41
M 121 Xylene (Total)	100				1421730	60.0000	64

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Lab Sample ID: CCVIS 460-128185/2 Calibration Date: 09/17/2012 16:56

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e07866.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1761	0.1398	0.1000	15.9	20.0	-20.6	25.0
Chloromethane	Ave	0.3733	0.3539	0.1000	19.0	20.0	-5.2	25.0
Vinyl chloride	Ave	0.2985	0.2719	0.1000	18.2	20.0	-8.9	25.0
Bromomethane	Ave	0.1312	0.1274	0.1000	19.4	20.0	-2.9	25.0
Chloroethane	Ave	0.1099	0.1112	0.1000	20.2	20.0	1.2	25.0
Trichlorofluoromethane	Ave	0.2422	0.2480	0.1000	20.5	20.0	2.4	25.0
1,1-Dichloroethene	Ave	0.1496	0.1445	0.1000	19.3	20.0	-3.4	25.0
Carbon disulfide	Ave	0.6887	0.6465	0.1000	18.8	20.0	-6.1	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.1658	0.1000	19.6	20.0	-2.0	25.0
Methylene Chloride	Ave	0.3576	0.3392	0.1000	19.0	20.0	-5.1	25.0
Acetone	Ave	0.0184	0.0140*	0.1000	15.2	20.0	-24.1	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.1936	0.1000	18.9	20.0	-5.7	25.0
Methyl acetate	Ave	0.0426	0.0346*	0.1000	16.2	20.0	-18.8	25.0
Methyl tert-butyl ether	Ave	0.6838	0.6173	0.1000	18.1	20.0	-9.7	25.0
1,1-Dichloroethane	Ave	0.4582	0.4273	0.1000	18.7	20.0	-6.7	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2216	0.1000	18.8	20.0	-6.2	25.0
Cyclohexane	Ave	0.4145	0.4028	0.1000	19.4	20.0	-2.8	25.0
Chloroform	Ave	0.3982	0.3905	0.1000	19.6	20.0	-2.0	25.0
Carbon tetrachloride	Ave	0.2705	0.2551	0.1000	18.9	20.0	-5.7	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3203	0.1000	19.0	20.0	-5.1	25.0
2-Butanone (MEK)	Ave	0.0341	0.0291*	0.1000	17.1	20.0	-14.5	25.0
Benzene	Ave	1.190	1.202	0.1000	20.2	20.0	1.0	25.0
1,2-Dichloroethane	Ave	0.3284	0.3030	0.1000	18.5	20.0	-7.7	25.0
Methylcyclohexane	Ave	0.3325	0.3413	0.1000	20.5	20.0	2.7	25.0
Trichloroethene	Ave	0.2385	0.2175	0.1000	18.2	20.0	-8.8	25.0
1,2-Dichloropropane	Ave	0.2756	0.2645	0.1000	19.2	20.0	-4.0	25.0
Dichlorobromomethane	Ave	0.3195	0.3008	0.1000	18.8	20.0	-5.8	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.5107	0.1000	19.2	20.0	-3.8	25.0
Toluene	Ave	1.323	1.343	0.1000	20.3	20.0	1.5	25.0
Tetrachloroethene	Ave	0.3113	0.3065	0.1000	19.7	20.0	-1.5	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.3104	0.1000	17.3	20.0	-13.6	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.4487	0.1000	18.6	20.0	-6.9	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2038	0.1000	18.0	20.0	-10.0	25.0
Chlorodibromomethane	Ave	0.3083	0.2759	0.1000	17.9	20.0	-10.5	25.0
1,2-Dibromoethane	Ave	0.2670	0.2394	0.1000	17.9	20.0	-10.4	25.0
2-Hexanone	Ave	0.2668	0.2214	0.1000	16.6	20.0	-17.0	25.0
Chlorobenzene	Ave	0.8882	0.8714	0.1000	19.6	20.0	-1.9	25.0
Ethylbenzene	Ave	0.4756	0.4636	0.1000	19.5	20.0	-2.5	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.5954	0.1000	40.2	40.0	0.6	25.0
o-Xylene	Ave	0.5886	0.5828	0.1000	19.8	20.0	-1.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-128185/2 Calibration Date: 09/17/2012 16:56
 Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10
 Lab File ID: e07866.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2147	0.1811	0.1000	16.9	20.0	-15.7	25.0
Styrene	Ave	1.000	1.000	0.1000	20.0	20.0	0.0	25.0
Isopropylbenzene	Ave	1.415	1.473	0.1000	20.8	20.0	4.1	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.5667	0.1000	17.5	20.0	-12.3	25.0
1,3-Dichlorobenzene	Ave	1.279	1.287	0.1000	20.1	20.0	0.7	25.0
1,4-Dichlorobenzene	Ave	1.326	1.311	0.1000	19.8	20.0	-1.1	25.0
1,2-Dichlorobenzene	Ave	1.209	1.183	0.1000	19.6	20.0	-2.2	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.0930*	0.1000	16.5	20.0	-17.7	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.6433	0.1000	21.0	20.0	5.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2461	0.1000	46.6	50.0	-6.7	25.0
Toluene-d8 (Surr)	Ave	1.167	1.168	0.1000	50.1	50.0	0.0	25.0
4-Bromofluorobenzene	Ave	0.8079	0.7976	0.1000	49.4	50.0	-1.3	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07866.d
 Report Date: 18-Sep-2012 10:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07866.d
 Lab Smp Id: CCVIS
 Inj Date : 17-SEP-2012 16:56
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb
 Cal Date : 17-SEP-2012 16:56
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07866.d
 Continuing Calibration Sample
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	136426	20.0000	16
3 Chloromethane	50	1.010	1.010	(0.281)	345343	20.0000	19
4 Vinyl Chloride	62	1.016	1.016	(0.283)	265325	20.0000	18
6 Bromomethane	94	1.175	1.175	(0.327)	124316	20.0000	19
5 Chloroethane	64	1.230	1.230	(0.342)	108512	20.0000	20
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	241987	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	161738	20.0000	20
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	140955	20.0000	19
16 Acetone	58	1.882	1.882	(0.523)	13618	20.0000	15
18 Carbon Disulfide	76	1.559	1.559	(0.434)	630828	20.0000	19
27 Methyl Acetate	74	1.955	1.955	(0.544)	33767	20.0000	16
22 Methylene Chloride	49	1.851	1.851	(0.515)	330996	20.0000	19
28 MTBE	73	2.010	2.010	(0.559)	602294	20.0000	18
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	188893	20.0000	19
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	416913	20.0000	19
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	216178	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07866.d
 Report Date: 18-Sep-2012 10:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.065	3.065	(0.852)	28426	20.0000	17
42 Chloroform	83	2.839	2.839	(0.790)	380968	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	393064	20.0000	19
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	312560	20.0000	19
45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	248883	20.0000	19
48 Benzene	78	3.253	3.253	(0.468)	933614	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	600384	50.0000	47
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	295655	20.0000	18
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	2439317	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	212169	20.0000	18
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	333040	20.0000	20
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	258072	20.0000	19
68 Bromodichloromethane	83	4.266	4.266	(1.187)	293530	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	396798	20.0000	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	241181	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2269461	50.0000	50
66 Toluene	91	5.156	5.156	(0.741)	1043143	20.0000	20
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	348612	20.0000	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	158341	20.0000	18
71 Tetrachloroethene	166	5.582	5.582	(0.803)	238149	20.0000	20
73 2-Hexanone	43	6.674	6.674	(0.960)	172035	20.0000	17
74 Dibromochloromethane	129	6.015	6.015	(0.865)	214365	20.0000	18
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	186004	20.0000	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1942371	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	677028	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	360196	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	925105	40.0000	40
84 o-Xylene	106	7.856	7.856	(1.130)	452838	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	777017	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	140692	20.0000	17
88 Isopropylbenzene	105	8.344	8.344	(1.200)	1144555	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	838873	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	238378	20.0000	18
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	541563	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1051634	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	551465	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	497645	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	39116	20.0000	16
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	270592	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				405071	40.0000	38
M 121 Xylene (Total)	100				1377943	60.0000	60

Data File: e07866.d

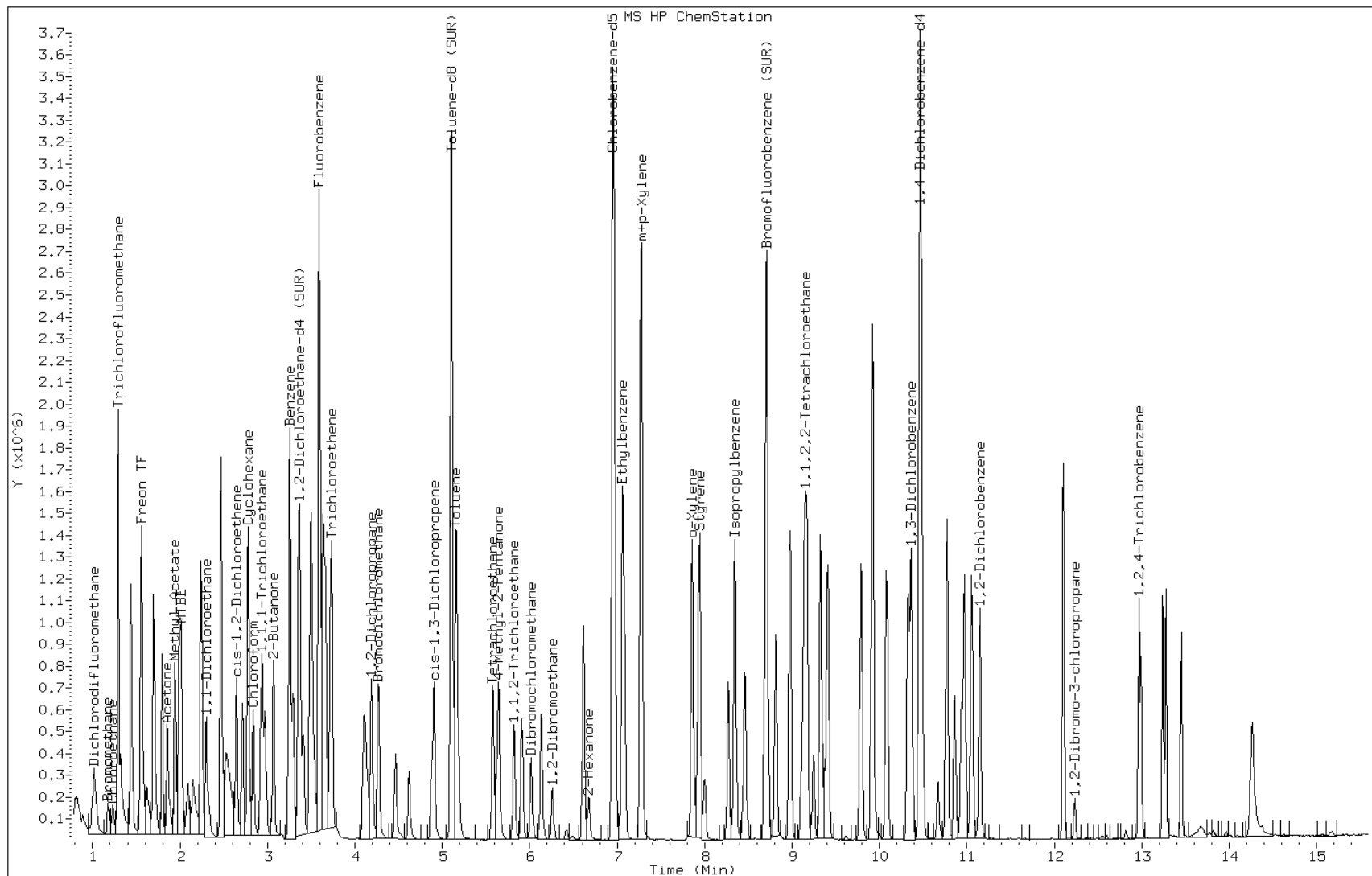
Date: 17-SEP-2012 16:56

Client ID:

Instrument: VOAMS5.i

Sample Info: CCVIS

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Lab Sample ID: CCV 460-128185/12 Calibration Date: 09/18/2012 05:44

Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10

Lab File ID: e07889.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1761	0.1679	0.1000	19.1	20.0	-4.7	25.0
Chloromethane	Ave	0.3733	0.3819	0.1000	20.5	20.0	2.3	25.0
Vinyl chloride	Ave	0.2985	0.2942	0.1000	19.7	20.0	-1.4	25.0
Bromomethane	Ave	0.1312	0.1358	0.1000	20.7	20.0	3.5	25.0
Chloroethane	Ave	0.1099	0.1102	0.1000	20.0	20.0	0.2	25.0
Trichlorofluoromethane	Ave	0.2422	0.2614	0.1000	21.6	20.0	8.0	25.0
1,1-Dichloroethene	Ave	0.1496	0.1572	0.1000	21.0	20.0	5.1	25.0
Carbon disulfide	Ave	0.6887	0.7298	0.1000	21.2	20.0	6.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1691	0.1921	0.1000	22.7	20.0	13.6	25.0
Methylene Chloride	Ave	0.3576	0.3563	0.1000	19.9	20.0	-0.4	25.0
Acetone	Ave	0.0184	0.0228*	0.1000	24.8	20.0	23.9	25.0
trans-1,2-Dichloroethene	Ave	0.2052	0.2191	0.1000	21.4	20.0	6.8	25.0
Methyl acetate	Ave	0.0426	0.0501*	0.1000	23.5	20.0	17.4	25.0
Methyl tert-butyl ether	Ave	0.6838	0.7935	0.1000	23.2	20.0	16.0	25.0
1,1-Dichloroethane	Ave	0.4582	0.4768	0.1000	20.8	20.0	4.1	25.0
cis-1,2-Dichloroethene	Ave	0.2361	0.2535	0.1000	21.5	20.0	7.4	25.0
Cyclohexane	Ave	0.4145	0.4418	0.1000	21.3	20.0	6.6	25.0
Chloroform	Ave	0.3982	0.4497	0.1000	22.6	20.0	12.9	25.0
Carbon tetrachloride	Ave	0.2705	0.3061	0.1000	22.6	20.0	13.1	25.0
1,1,1-Trichloroethane	Ave	0.3375	0.3800	0.1000	22.5	20.0	12.6	25.0
2-Butanone (MEK)	Ave	0.0341	0.0431*	0.1000	25.3	20.0	26.4*	25.0
Benzene	Ave	1.190	1.246	0.1000	20.9	20.0	4.7	25.0
1,2-Dichloroethane	Ave	0.3284	0.3651	0.1000	22.2	20.0	11.2	25.0
Methylcyclohexane	Ave	0.3325	0.3977	0.1000	23.9	20.0	19.6	25.0
Trichloroethene	Ave	0.2385	0.2525	0.1000	21.2	20.0	5.9	25.0
1,2-Dichloropropane	Ave	0.2756	0.2790	0.1000	20.2	20.0	1.2	25.0
Dichlorobromomethane	Ave	0.3195	0.3432	0.1000	21.5	20.0	7.4	25.0
cis-1,3-Dichloropropene	Ave	0.5308	0.5315	0.1000	20.0	20.0	0.1	25.0
Toluene	Ave	1.323	1.402	0.1000	21.2	20.0	6.0	25.0
Tetrachloroethene	Ave	0.3113	0.3452	0.1000	22.2	20.0	10.9	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3593	0.3569	0.1000	19.9	20.0	-0.7	25.0
trans-1,3-Dichloropropene	Ave	0.4819	0.4904	0.1000	20.4	20.0	1.8	25.0
1,1,2-Trichloroethane	Ave	0.2264	0.2249	0.1000	19.9	20.0	-0.7	25.0
Chlorodibromomethane	Ave	0.3083	0.3200	0.1000	20.8	20.0	3.8	25.0
1,2-Dibromoethane	Ave	0.2670	0.2789	0.1000	20.9	20.0	4.4	25.0
2-Hexanone	Ave	0.2668	0.2751	0.1000	20.6	20.0	3.1	25.0
Chlorobenzene	Ave	0.8882	0.9382	0.1000	21.1	20.0	5.6	25.0
Ethylbenzene	Ave	0.4756	0.4991	0.1000	21.0	20.0	5.0	25.0
m-Xylene & p-Xylene	Ave	0.5917	0.6342	0.1000	42.9	40.0	7.2	25.0
o-Xylene	Ave	0.5886	0.6296	0.1000	21.4	20.0	7.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Lab Sample ID: CCV 460-128185/12 Calibration Date: 09/18/2012 05:44
 Instrument ID: VOAMS5 Calib Start Date: 09/17/2012 04:49
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 09/17/2012 07:10
 Lab File ID: e07889.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2147	0.2298	0.1000	21.4	20.0	7.1	25.0
Styrene	Ave	1.000	1.075	0.1000	21.5	20.0	7.6	25.0
Isopropylbenzene	Ave	1.415	1.618	0.1000	22.9	20.0	14.4	25.0
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6107	0.1000	18.9	20.0	-5.5	25.0
1,3-Dichlorobenzene	Ave	1.279	1.388	0.1000	21.7	20.0	8.5	25.0
1,4-Dichlorobenzene	Ave	1.326	1.431	0.1000	21.6	20.0	8.0	25.0
1,2-Dichlorobenzene	Ave	1.209	1.324	0.1000	21.9	20.0	9.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1130	0.1139	0.1000	20.2	20.0	0.8	25.0
1,2,4-Trichlorobenzene	Ave	0.6118	0.8368	0.1000	27.4	20.0	36.8*	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2728	0.1000	51.7	50.0	3.4	25.0
Toluene-d8 (Surr)	Ave	1.167	1.143	0.1000	49.0	50.0	-2.1	25.0
4-Bromofluorobenzene	Ave	0.8079	0.8162	0.1000	50.5	50.0	1.0	25.0

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07889.d
 Report Date: 18-Sep-2012 06:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07889.d
 Lab Smp Id: CCV
 Inj Date : 18-SEP-2012 05:44
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 06:27 audberto Quant Type: ISTD
 Cal Date : 18-SEP-2012 05:44 Cal File: e07889.d
 Als bottle: 21 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.894	0.894	(0.249)	128262	20.0000	19
3 Chloromethane	50	1.022	1.022	(0.284)	291794	20.0000	20
4 Vinyl Chloride	62	1.028	1.028	(0.286)	224794	20.0000	20
6 Bromomethane	94	1.181	1.181	(0.328)	103771	20.0000	21
5 Chloroethane	64	1.236	1.236	(0.344)	84158	20.0000	20
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	199718	20.0000	22
14 Freon TF	101	1.571	1.571	(0.437)	146796	20.0000	23
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	120136	20.0000	21
16 Acetone	58	1.894	1.894	(0.527)	17396	20.0000	25
18 Carbon Disulfide	76	1.565	1.565	(0.435)	557576	20.0000	21
27 Methyl Acetate	74	1.961	1.961	(0.546)	38256	20.0000	23
22 Methylene Chloride	49	1.857	1.857	(0.517)	272216	20.0000	20
28 MTBE	73	2.022	2.022	(0.562)	606245	20.0000	23
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	167419	20.0000	21
30 1,1-Dichloroethane	63	2.309	2.309	(0.642)	364310	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	193679	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07889.d
 Report Date: 18-Sep-2012 06:27

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	32907	20.0000	25
42 Chloroform	83	2.845	2.845	(0.791)	343572	20.0000	22
44 Cyclohexane	56	2.784	2.784	(0.774)	337532	20.0000	21
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	290313	20.0000	22
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	233853	20.0000	23
48 Benzene	78	3.260	3.260	(0.469)	782275	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	521082	50.0000	52
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	278943	20.0000	22
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1910055	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	192907	20.0000	21
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	303850	20.0000	24
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	213182	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	262195	20.0000	21
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	333708	20.0000	20
70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.810)	224122	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1793983	50.0000	49
66 Toluene	91	5.162	5.162	(0.742)	880203	20.0000	21
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	307945	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	141213	20.0000	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	216737	20.0000	22
73 2-Hexanone	43	6.680	6.680	(0.961)	172745	20.0000	21
74 Dibromochloromethane	129	6.021	6.021	(0.866)	200906	20.0000	21
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	175133	20.0000	21
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1569775	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	589115	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	313414	20.0000	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	796402	40.0000	43
84 o-Xylene	106	7.862	7.862	(1.131)	395309	20.0000	21
85 Styrene	104	7.942	7.942	(1.142)	675253	20.0000	22
86 Bromoform	173	7.917	7.917	(1.139)	144319	20.0000	21
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1016194	20.0000	23
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	725476	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	217134	20.0000	19
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	493364	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	888811	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	508921	20.0000	22
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	470751	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.169)	40508	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.240)	297499	20.0000	27
M 120 1,2-Dichloroethene (Total)	100				361098	40.0000	43
M 121 Xylene (Total)	100				1191712	60.0000	64

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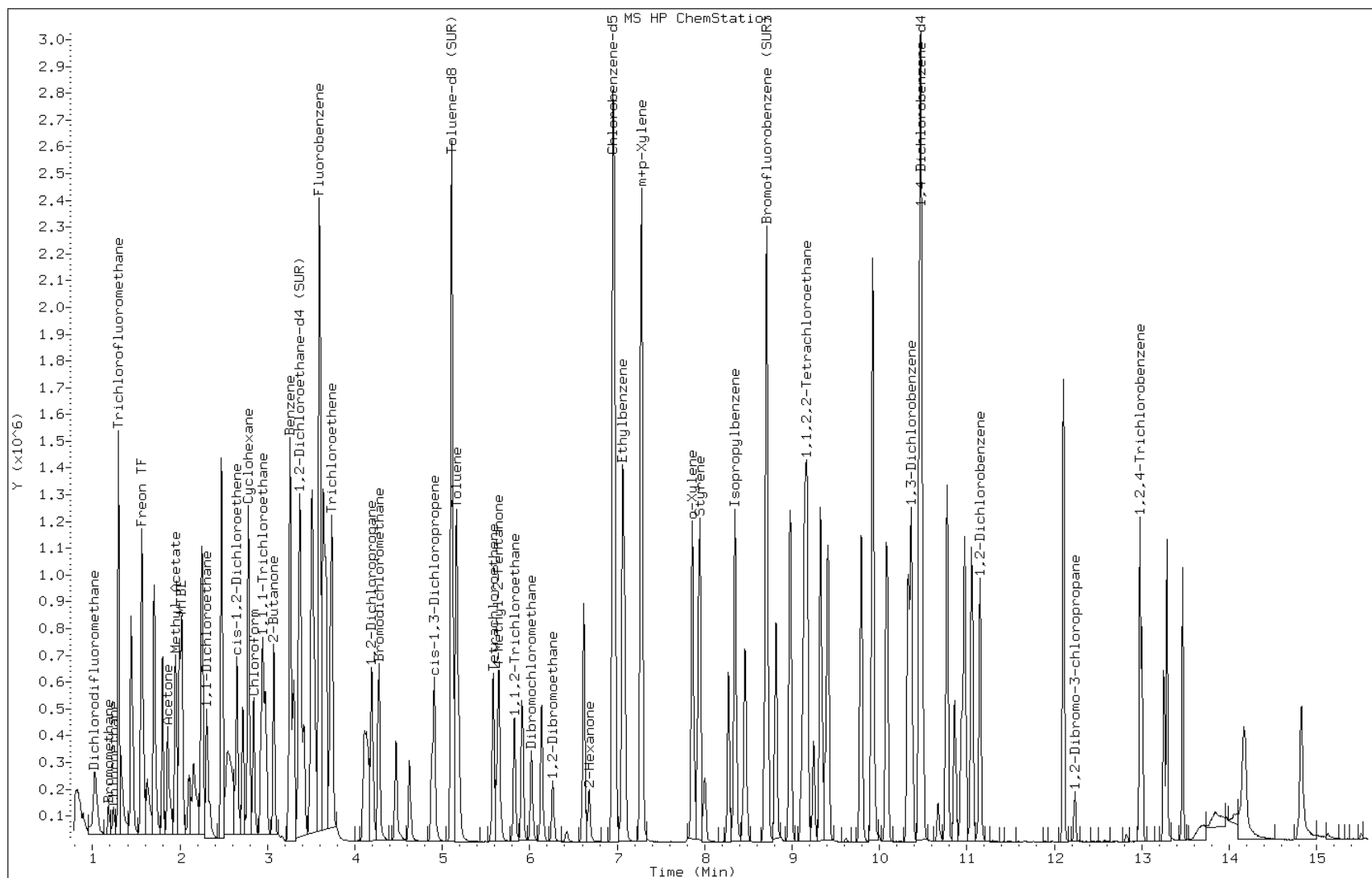
Date: 18-SEP-2012 05:44

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
 Report Date: 17-Sep-2012 06:05

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
 Lab Smp Id: BFB
 Inj Date : 17-SEP-2012 03:24
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB						CAS #: 460-00-4	
2.352	2.600 (0.000)	95	195072			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	42624			15.00- 40.00	21.85
2.352	2.600 (0.000)	75	102376			30.00- 60.00	52.48
2.352	2.600 (0.000)	96	12530			5.00- 9.00	6.42
2.352	2.600 (0.000)	173	0			0.00- 2.00	0.00
2.352	2.600 (0.000)	174	155200			50.00- 100.00	79.56
2.352	2.600 (0.000)	175	12902			5.00- 9.00	8.31
2.352	2.600 (0.000)	176	148480			95.00- 101.00	95.67
2.352	2.600 (0.000)	177	9343			5.00- 9.00	6.29

Data File: e07834.d

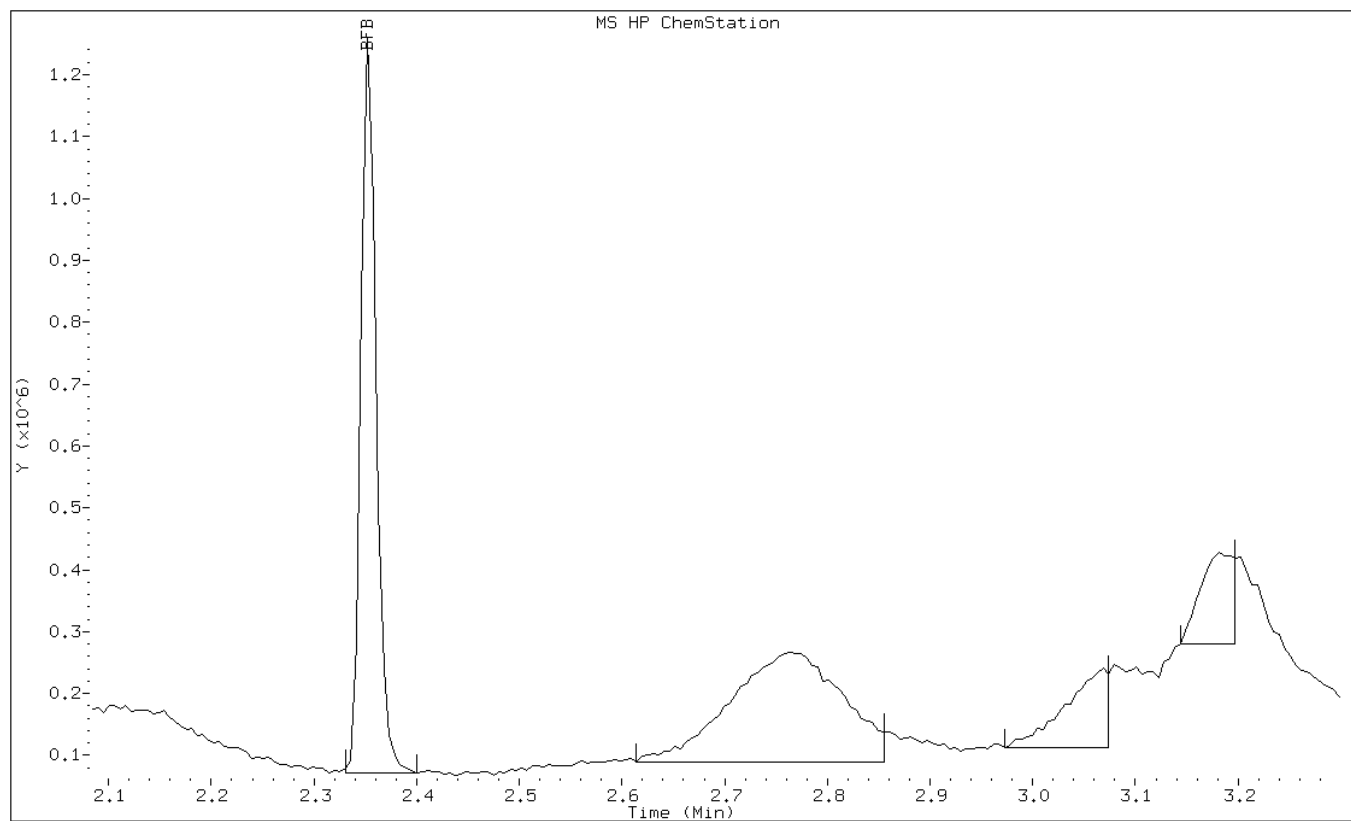
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Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e07834.d

Date: 17-SEP-2012 03:24

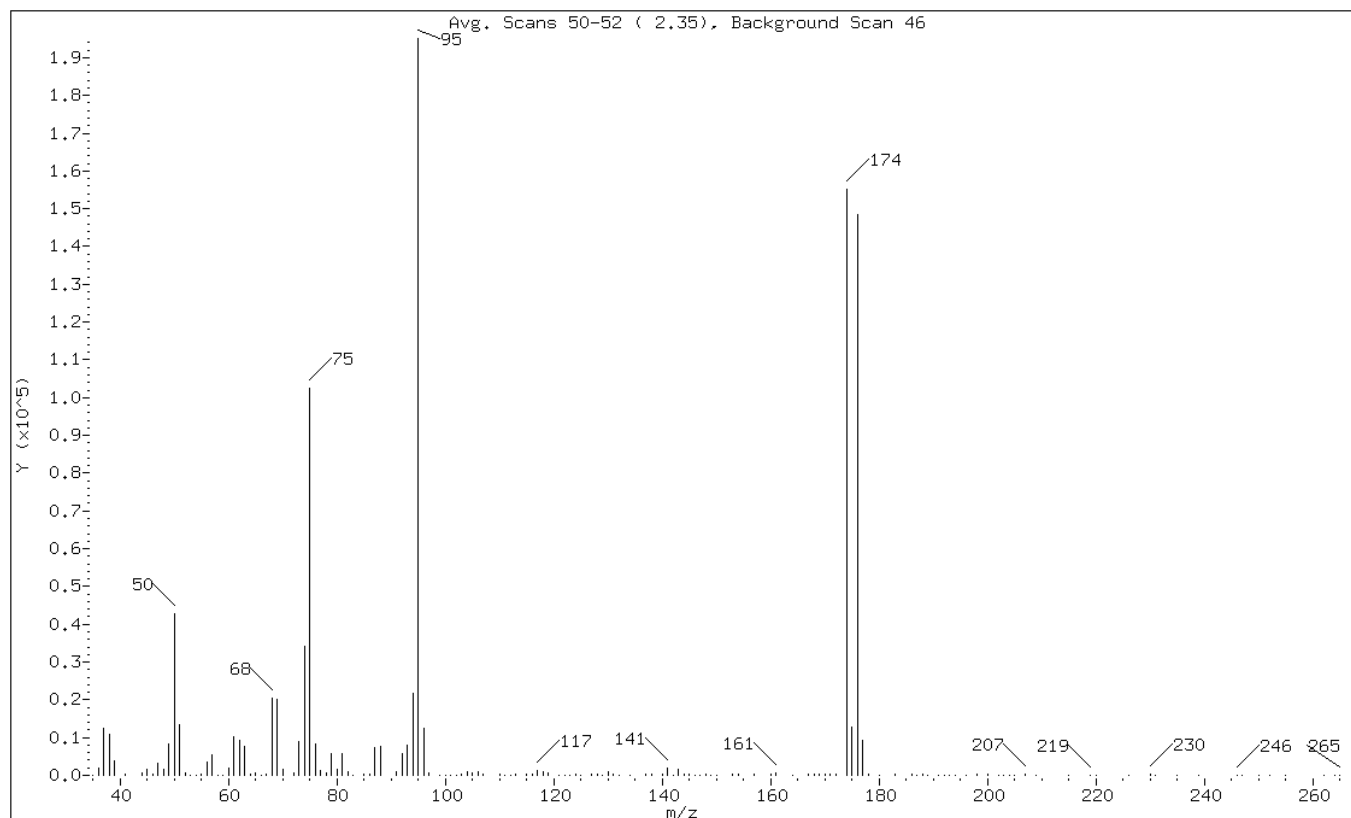
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

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	21.85
75	30.00 - 60.00% of mass 95	52.48
96	5.00 - 9.00% of mass 95	6.42
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.56
175	5.00 - 9.00% of mass 174	6.61 (8.31)
176	95.00 - 101.00% of mass 174	76.12 (95.67)
177	5.00 - 9.00% of mass 176	4.79 (6.29)

Data File: e07834.d

Date: 17-SEP-2012 03:24

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07834.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	53	77.00	1350	123.00	88	177.00	9343
36.00	1914	78.00	695	124.00	252	178.00	381
37.00	12535	79.00	5782	125.00	148	180.00	35
38.00	10760	80.00	1455	127.00	282	183.00	181
39.00	3962	81.00	5745	128.00	338	186.00	248
41.00	387	82.00	905	129.00	75	187.00	80
44.00	707	83.00	42	130.00	926	188.00	162
45.00	1464	85.00	229	131.00	166	189.00	142
46.00	281	86.00	239	132.00	7	191.00	151
47.00	3334	87.00	7427	134.00	27	192.00	54
48.00	1491	88.00	7774	137.00	332	193.00	44
49.00	8401	91.00	1022	138.00	172	194.00	110
50.00	42624	92.00	5845	140.00	185	196.00	46
51.00	13346	93.00	8046	141.00	1957	198.00	171
52.00	539	94.00	21672	142.00	53	200.00	162
53.00	13	95.00	195072	143.00	1698	202.00	62
54.00	14	96.00	12530	144.00	295	203.00	48
55.00	230	97.00	551	145.00	186	204.00	104
56.00	3600	99.00	79	146.00	115	205.00	34
57.00	5500	100.00	36	147.00	156	207.00	223
58.00	113	101.00	136	148.00	465	209.00	81
59.00	106	102.00	36	149.00	118	215.00	80
60.00	1861	103.00	237	150.00	105	219.00	89
61.00	10125	104.00	905	153.00	459	220.00	60
62.00	9219	105.00	514	154.00	192	226.00	84
63.00	7541	106.00	1054	157.00	390	230.00	188
64.00	270	107.00	304	160.00	378	231.00	74
65.00	625	110.00	398	161.00	530	235.00	107
66.00	51	111.00	151	164.00	54	239.00	43
67.00	378	112.00	121	167.00	172	246.00	123
68.00	20496	113.00	247	168.00	205	247.00	37
69.00	19976	115.00	421	169.00	243	250.00	57
70.00	1570	116.00	358	170.00	351	252.00	33
72.00	740	117.00	1343	171.00	439	255.00	46
73.00	9006	118.00	855	172.00	227	262.00	43
74.00	34320	119.00	733	174.00	155200	264.00	63
75.00	102376	121.00	68	175.00	12902	265.00	45
76.00	8204	122.00	77	176.00	148480		

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07865.d
 Report Date: 17-Sep-2012 16:41

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07865.d
 Lab Smp Id: BFB
 Inj Date : 17-SEP-2012 16:35
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.331	2.600 (0.000)	95	120680			0.00- 100.00	100.00
2.331	2.600 (0.000)	50	24376			15.00- 40.00	20.20
2.331	2.600 (0.000)	75	59744			30.00- 60.00	49.51
2.331	2.600 (0.000)	96	7366			5.00- 9.00	6.10
2.331	2.600 (0.000)	173	891			0.00- 2.00	0.89
2.331	2.600 (0.000)	174	99928			50.00- 100.00	82.80
2.331	2.600 (0.000)	175	7259			5.00- 9.00	7.26
2.331	2.600 (0.000)	176	96736			95.00- 101.00	96.81
2.331	2.600 (0.000)	177	6120			5.00- 9.00	6.33

Data File: e07865.d

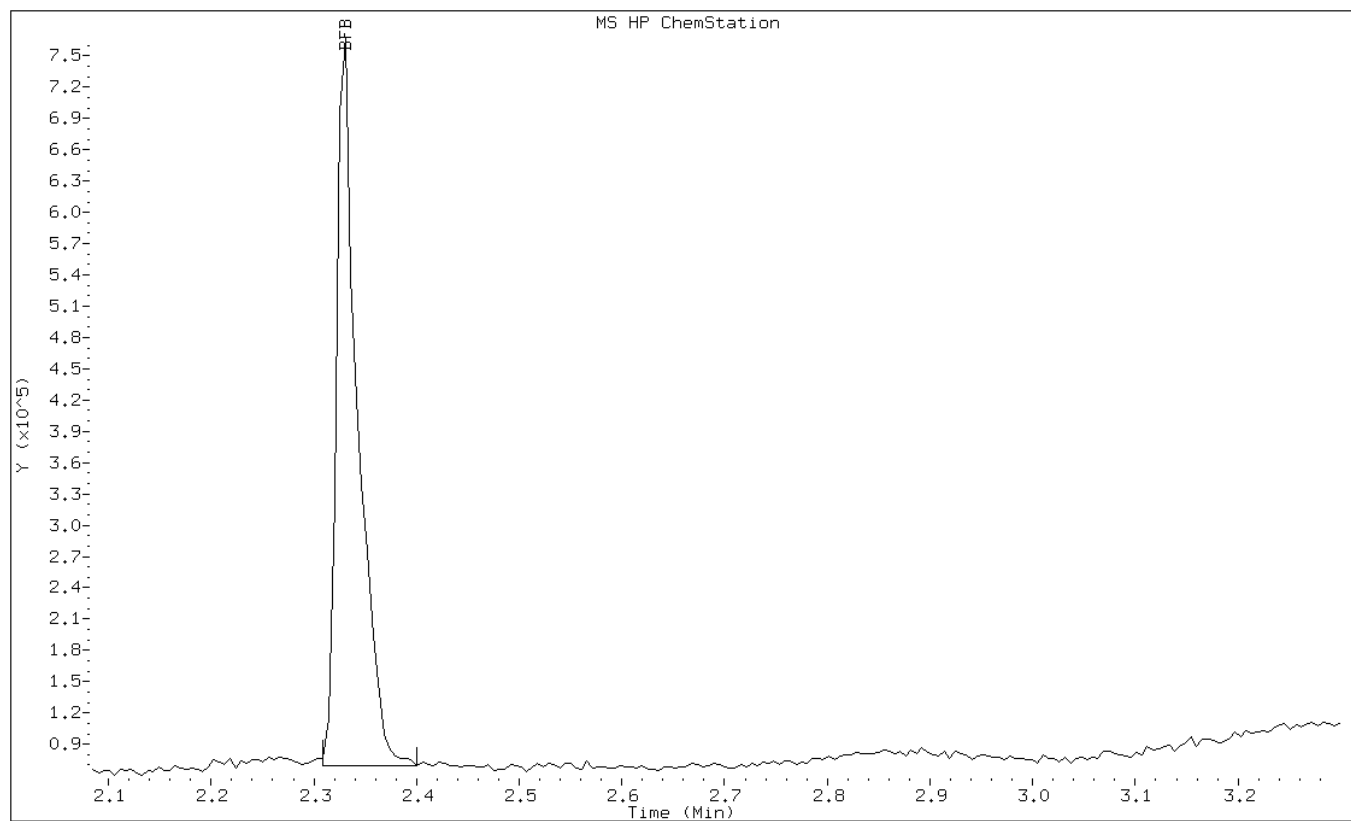
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Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e07865.d

Date: 17-SEP-2012 16:35

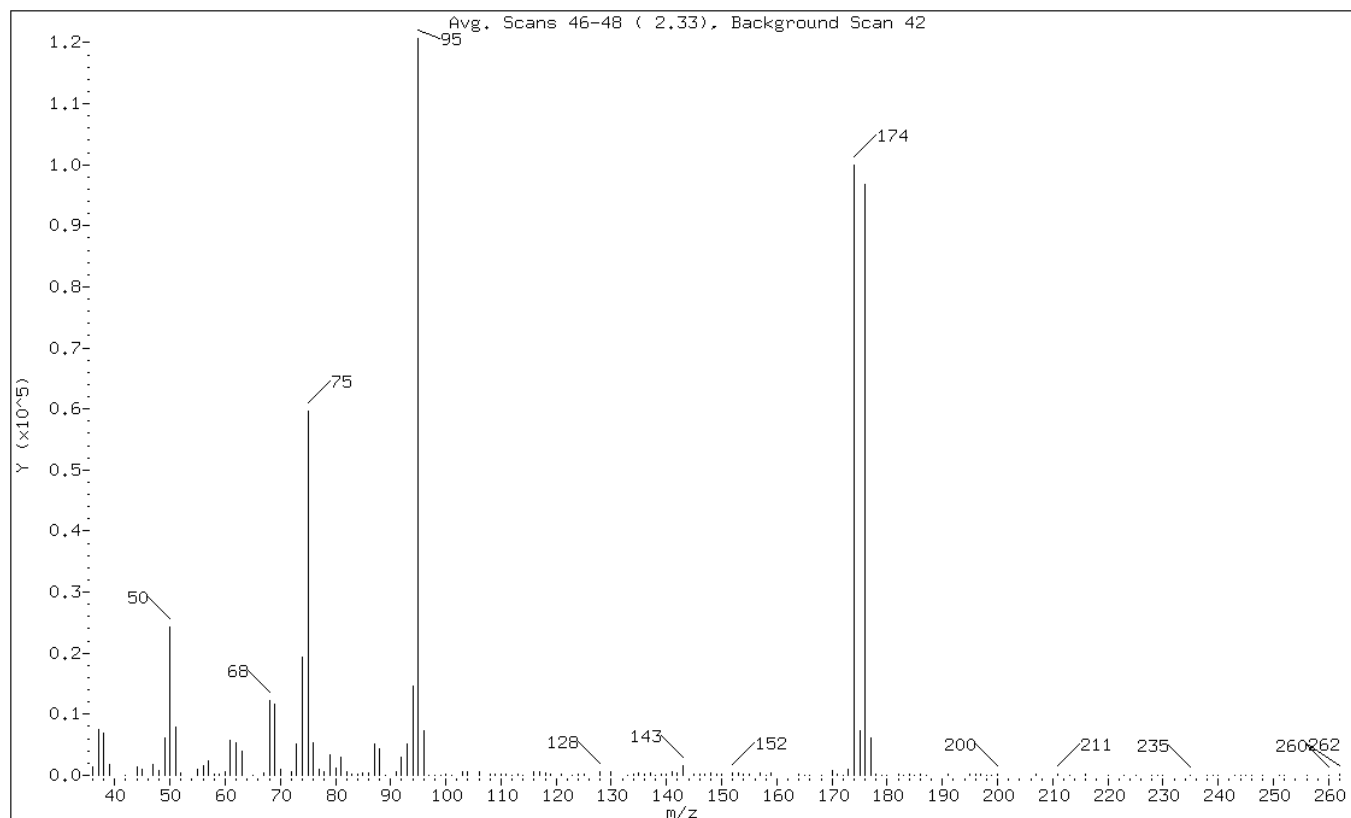
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

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	20.20
75	30.00 - 60.00% of mass 95	49.51
96	5.00 - 9.00% of mass 95	6.10
173	Less than 2.00% of mass 174	0.74 (0.89)
174	50.00 - 100.00% of mass 95	82.80
175	5.00 - 9.00% of mass 174	6.02 (7.26)
176	95.00 - 101.00% of mass 174	80.16 (96.81)
177	5.00 - 9.00% of mass 176	5.07 (6.33)

Data File: e07865.d

Date: 17-SEP-2012 16:35

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07865.d
Spectrum: Avg. Scans 46-48 (2.33), Background Scan 42
Location of Maximum: 95.00
Number of points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1355	84.00	108	135.00	321	184.00	147
37.00	7569	85.00	416	136.00	254	185.00	33
38.00	6818	86.00	307	137.00	307	186.00	115
39.00	1864	87.00	5110	138.00	10	187.00	19
42.00	11	88.00	4415	139.00	145	191.00	201
44.00	1296	89.00	1	140.00	145	195.00	166
45.00	1004	91.00	603	141.00	626	196.00	163
47.00	1836	92.00	2912	142.00	336	197.00	110
48.00	866	93.00	5182	143.00	1585	198.00	44
49.00	6064	94.00	14619	145.00	189	199.00	91
50.00	24376	95.00	120680	146.00	284	200.00	222
51.00	7968	96.00	7366	147.00	164	207.00	211
52.00	478	97.00	1	148.00	359	211.00	281
55.00	966	98.00	26	149.00	175	213.00	34
56.00	1634	99.00	36	150.00	224	216.00	116
57.00	2397	100.00	105	152.00	351	220.00	50
58.00	178	101.00	38	153.00	324	223.00	37
59.00	109	103.00	525	154.00	162	225.00	63
60.00	643	104.00	537	155.00	223	228.00	37
61.00	5689	106.00	573	157.00	347	229.00	52
62.00	5420	108.00	259	158.00	42	230.00	37
63.00	3992	109.00	232	159.00	309	235.00	86
65.00	66	110.00	163	164.00	230	238.00	44
67.00	387	111.00	185	165.00	67	239.00	39
68.00	12295	112.00	40	166.00	66	240.00	41
69.00	11697	113.00	294	168.00	32	243.00	78
70.00	928	114.00	76	170.00	705	244.00	78
72.00	512	116.00	524	171.00	188	245.00	59
73.00	5134	117.00	611	172.00	90	246.00	53
74.00	19400	118.00	405	173.00	891	248.00	42
75.00	59744	119.00	101	174.00	99928	251.00	71
76.00	5342	121.00	178	175.00	7259	252.00	68
77.00	991	123.00	63	176.00	96736	256.00	45
78.00	501	124.00	162	177.00	6120	260.00	92
79.00	3259	125.00	109	178.00	248	262.00	117
80.00	1195	128.00	627	179.00	92		
81.00	2989	130.00	564	180.00	49		
82.00	573	133.00	87	182.00	148		
83.00	198	134.00	282	183.00	37		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-128076/9

Matrix: Water Lab File ID: e07850.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 10:47

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-128076/9
 Matrix: Water Lab File ID: e07850.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 10:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-128076/9
Matrix: Water Lab File ID: e07850.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 10:47
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128076 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07850.d
 Report Date: 17-Sep-2012 13:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07850.d
 Lab Smp Id: MB
 Inj Date : 17-SEP-2012 10:47
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha Quant Type: ISTD
 Cal Date : 17-SEP-2012 06:00 Cal File: e07839.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.369	(0.934)	629171		51.6986	52
* 52 Fluorobenzene	96	3.595	3.601	(1.000)	2365287		50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.113	(0.734)	2177403		49.0972	49
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1891962		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	821035		49.3726	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1028321		50.0000	

Data File: e07850.d

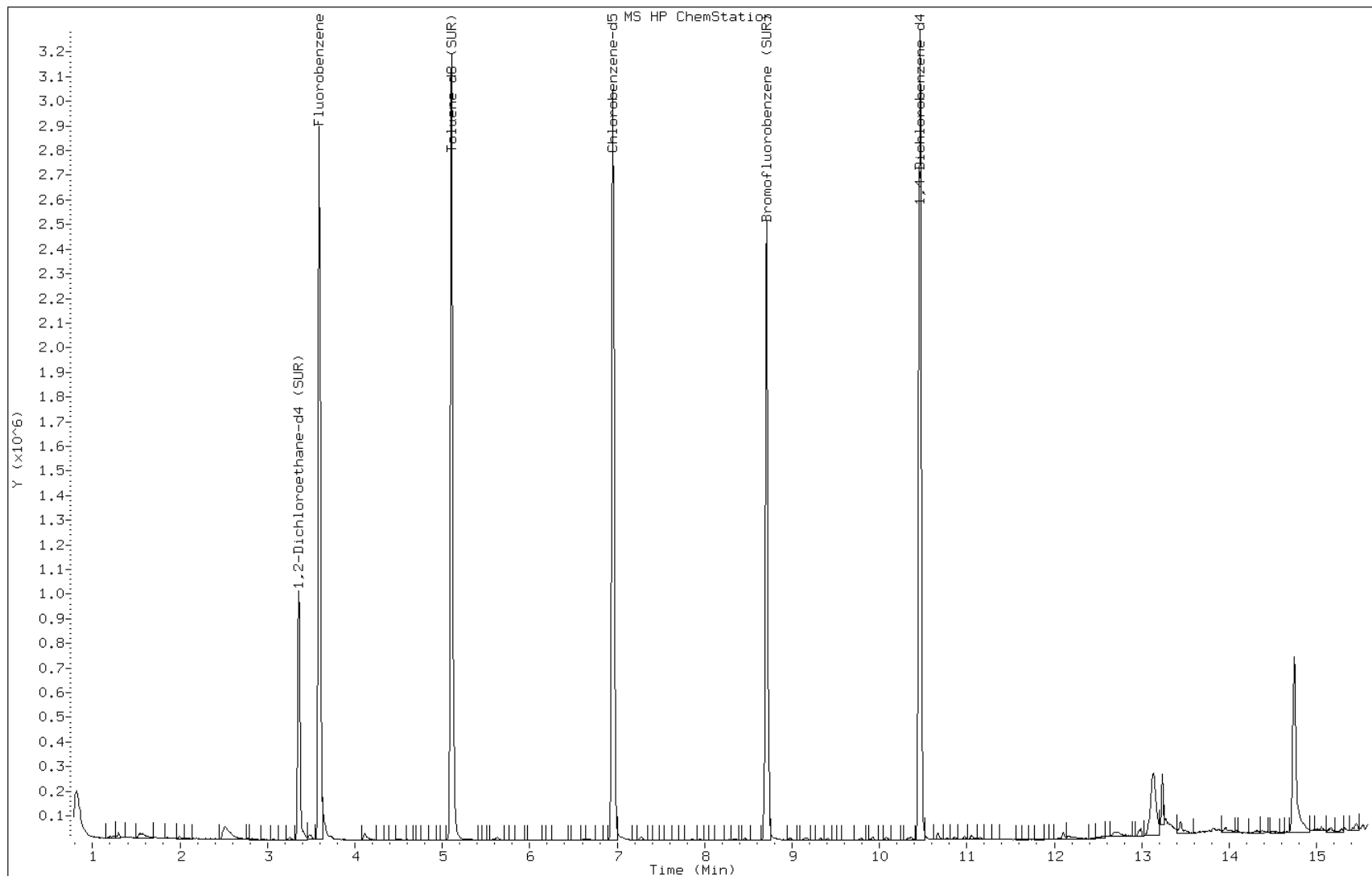
Date: 17-SEP-2012 10:47

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-128185/13

Matrix: Water Lab File ID: e07873.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 22:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.13	U	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	2.3	U	5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	0.10	U	1.0	0.10
110-82-7	Cyclohexane	0.16	U	1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	0.080	U	1.0	0.080
107-06-2	1,2-Dichloroethane	0.19	U	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	0.14	U	1.0	0.14
75-27-4	Dichlorobromomethane	0.12	U	1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	0.99	U	5.0	0.99
108-88-3	Toluene	0.15	U	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-128185/13
 Matrix: Water Lab File ID: e07873.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 22:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	0.50	U	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	0.36	U	3.0	0.36
100-42-5	Styrene	0.12	U	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	0.080	U	1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-44505-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-128185/13
Matrix: Water Lab File ID: e07873.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 22:28
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 128185 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07873.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07873.d
 Lab Smp Id: MB
 Inj Date : 17-SEP-2012 22:28
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	(ug/L)	FINAL
=====	=====	==	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	609301	50.3957		50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	2456107	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	2270928	50.6131		51
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1920084	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	822835	50.6723		51
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	1017843	50.0000		

Data File: e07873.d

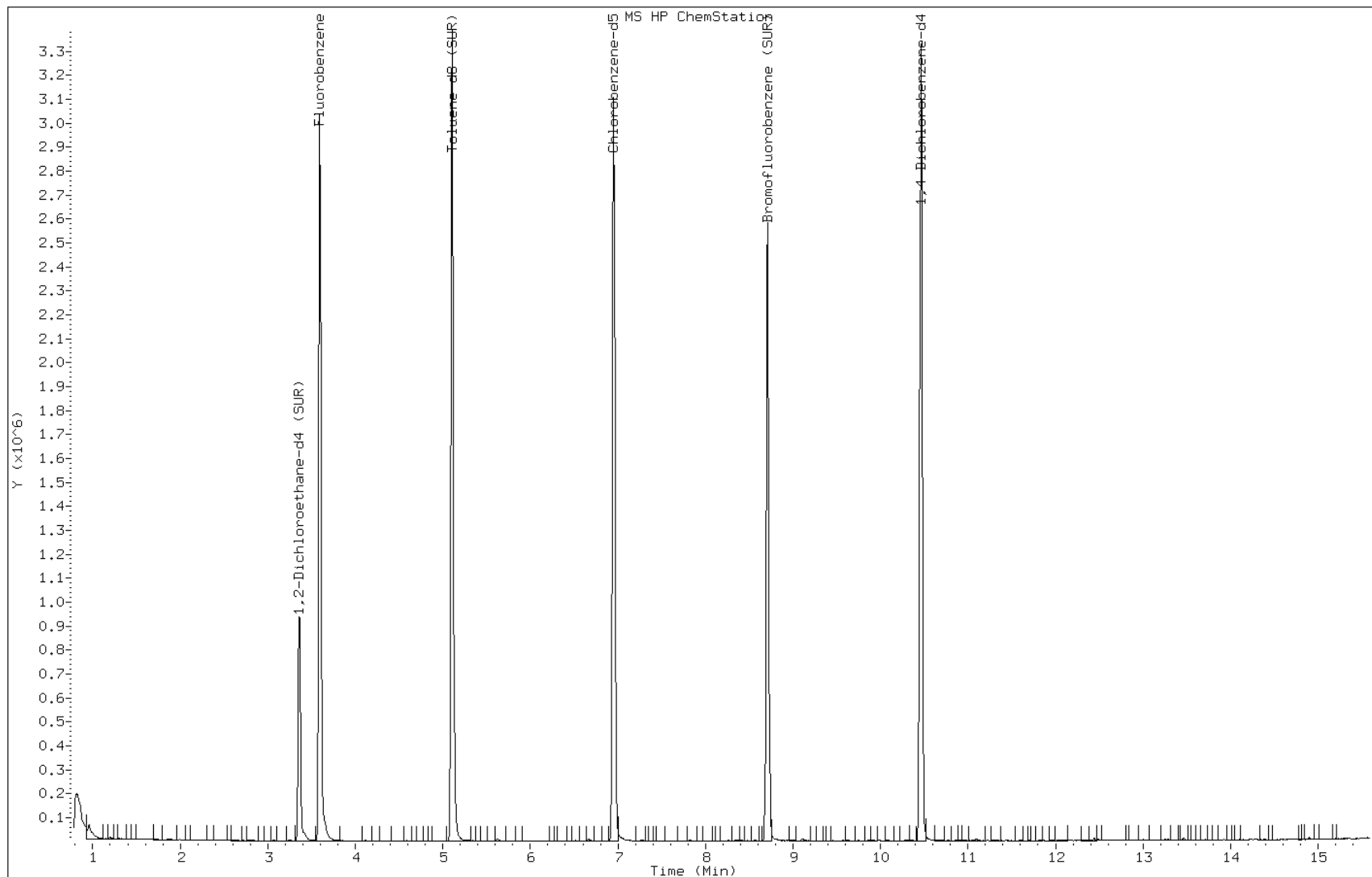
Date: 17-SEP-2012 22:28

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-128076/8

Matrix: Water Lab File ID: e07847.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 09:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.060
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.22
74-87-3	Chloromethane	22.1		1.0	0.10
75-01-4	Vinyl chloride	21.5		1.0	0.14
74-83-9	Bromomethane	22.7		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	20.6		1.0	0.40
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.21
75-69-4	Trichlorofluoromethane	21.8		1.0	0.15
75-35-4	1,1-Dichloroethene	22.5		1.0	0.090
78-87-5	1,2-Dichloropropane	20.5		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.0		1.0	0.080
67-64-1	Acetone	21.4		5.0	2.7
75-15-0	Carbon disulfide	22.4		1.0	0.13
79-20-9	Methyl acetate	20.2		2.0	0.34
75-09-2	Methylene Chloride	21.4		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.13
124-48-1	Chlorodibromomethane	19.6		1.0	0.20
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.14
75-00-3	Chloroethane	21.0		1.0	0.17
75-34-3	1,1-Dichloroethane	20.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.18
78-93-3	2-Butanone (MEK)	20.5		5.0	2.3
67-66-3	Chloroform	21.4		1.0	0.080
100-41-4	Ethylbenzene	21.1		1.0	0.10
110-82-7	Cyclohexane	24.1		1.0	0.16
56-23-5	Carbon tetrachloride	21.0		1.0	0.060
71-43-2	Benzene	20.5		1.0	0.080
107-06-2	1,2-Dichloroethane	20.6		1.0	0.19
79-01-6	Trichloroethene	20.7		1.0	0.090
108-87-2	Methylcyclohexane	24.3		1.0	0.14
75-27-4	Dichlorobromomethane	20.5		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	20.4		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	20.5		5.0	0.99
108-88-3	Toluene	20.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-128076/8
 Matrix: Water Lab File ID: e07847.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 09:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128076 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.19
127-18-4	Tetrachloroethene	20.8		1.0	0.10
591-78-6	2-Hexanone	21.4		5.0	0.50
106-93-4	1,2-Dibromoethane	19.5		1.0	0.28
108-90-7	Chlorobenzene	20.5		1.0	0.11
1330-20-7	Xylenes, Total	63.3		3.0	0.36
100-42-5	Styrene	21.2		1.0	0.12
75-25-2	Bromoform	19.6		1.0	0.19
98-82-8	Isopropylbenzene	21.4		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.16
541-73-1	1,3-Dichlorobenzene	20.9		1.0	0.14
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	22.8		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07847.d
 Report Date: 17-Sep-2012 14:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07847.d
 Lab Smp Id: LCS
 Inj Date : 17-SEP-2012 09:37
 Operator : GC/MS VOAMS5
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/8260DE_09.m
 Meth Date : 17-Sep-2012 13:17 vibha
 Cal Date : 17-SEP-2012 06:00
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e07839.d
 QC Sample: LCS
 Compound Sublist: HSLDEL.sub

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	166838	21.0506	21
3 Chloromethane	50	1.010	1.010	(0.281)	370169	22.1332	22
4 Vinyl Chloride	62	1.016	1.016	(0.283)	286613	21.4790	21
6 Bromomethane	94	1.169	1.175	(0.326)	127783	22.7213	23
5 Chloroethane	64	1.230	1.230	(0.343)	107278	21.0453	21
7 Trichlorofluoromethane	101	1.290	1.297	(0.360)	236058	21.8344	22
14 Freon TF	101	1.565	1.571	(0.436)	179377	24.0020	24
15 1,1-Dichloroethene	96	1.540	1.547	(0.429)	156772	22.4884	22
16 Acetone	58	1.888	1.894	(0.526)	18081	21.3984	21
18 Carbon Disulfide	76	1.559	1.559	(0.434)	689024	22.4334	22
27 Methyl Acetate	74	1.955	1.961	(0.545)	38144	20.1810	20
22 Methylene Chloride	49	1.851	1.851	(0.516)	344511	21.3803	21
28 MTBE	73	2.010	2.022	(0.560)	623683	20.0184	20
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.541)	202307	21.0000	21
30 1,1-Dichloroethane	63	2.302	2.302	(0.642)	446311	20.2685	20
36 cis-1,2-Dichloroethene	96	2.644	2.650	(0.737)	224934	20.3813	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12.b/e07847.d
 Report Date: 17-Sep-2012 14:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.083	(0.856)	35497	20.5141	20
42 Chloroform	83	2.839	2.845	(0.791)	387703	21.3785	21
44 Cyclohexane	56	2.778	2.790	(0.774)	436476	24.0667	24
43 1,1,1-Trichloroethane	97	2.973	2.985	(0.828)	329583	20.8469	21
45 Carbon Tetrachloride	117	2.924	2.936	(0.815)	263684	20.9772	21
48 Benzene	78	3.253	3.260	(0.468)	940940	20.4826	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.369	(0.935)	584815	50.5168	50
49 1,2-Dichloroethane	62	3.412	3.424	(0.951)	304546	20.5539	20
* 52 Fluorobenzene	96	3.589	3.601	(1.000)	2249969	50.0000	
54 Trichloroethene	95	3.735	3.753	(1.041)	224879	20.7016	21
56 Methyl cyclohexane	83	3.723	3.741	(1.037)	359780	24.3257	24
57 1,2-Dichloropropane	63	4.192	4.205	(1.168)	258629	20.4954	20
68 Bromodichloromethane	83	4.266	4.284	(1.189)	294291	20.5341	20
67 cis-1,3-Dichloropropene	75	4.906	4.924	(0.705)	399794	20.4072	20
70 4-Methyl-2-Pentanone	43	5.625	5.649	(0.809)	263682	20.5000	20
\$ 65 Toluene-d8 (SUR)	98	5.101	5.113	(0.733)	2156132	50.4274	50
66 Toluene	91	5.156	5.168	(0.741)	1071974	20.6206	21
64 trans-1,3-Dichloropropene	75	5.643	5.668	(0.812)	356482	20.3302	20
69 1,1,2-Trichloroethane	83	5.820	5.838	(0.837)	165473	19.8296	20
71 Tetrachloroethene	166	5.576	5.594	(0.802)	255052	20.7531	21
73 2-Hexanone	43	6.674	6.698	(0.960)	208349	21.3879	21
74 Dibromochloromethane	129	6.015	6.033	(0.865)	220592	19.5798	20
77 1,2-Dibromoethane	107	6.259	6.277	(0.900)	194983	19.4831	19
* 78 Chlorobenzene-d5	117	6.954	6.972	(1.000)	1824060	50.0000	
79 Chlorobenzene	112	6.972	6.997	(1.003)	696185	20.5380	20
81 Ethylbenzene	106	7.064	7.094	(1.016)	380985	21.0858	21
82 m+p-Xylene	106	7.277	7.308	(1.046)	971522	42.2881	42
84 o-Xylene	106	7.856	7.887	(1.130)	470192	20.9858	21
85 Styrene	104	7.942	7.966	(1.142)	812610	21.1634	21
86 Bromoform	173	7.911	7.942	(1.138)	153585	19.5839	20
88 Isopropylbenzene	105	8.344	8.368	(1.200)	1220731	21.4418	21
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.728	(0.832)	836032	48.7779	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.143	(0.871)	267116	19.0473	19
105 1,3-Dichlorobenzene	146	10.325	10.362	(0.987)	588768	20.8970	21
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.496	(1.000)	1059871	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.526	(1.002)	611181	21.0330	21
111 1,2-Dichlorobenzene	146	11.148	11.185	(1.065)	550752	20.6185	21
112 1,2-Dibromo-3-chloropropane	75	12.233	12.246	(1.169)	47375	20.6476	21
114 1,2,4-Trichlorobenzene	180	12.965	12.977	(1.239)	304892	22.7897	23
M 120 1,2-Dichloroethene (Total)	100				427241	41.3812	41
M 121 Xylene (Total)	100				1441714	63.2739	63

Data File: e07847.d

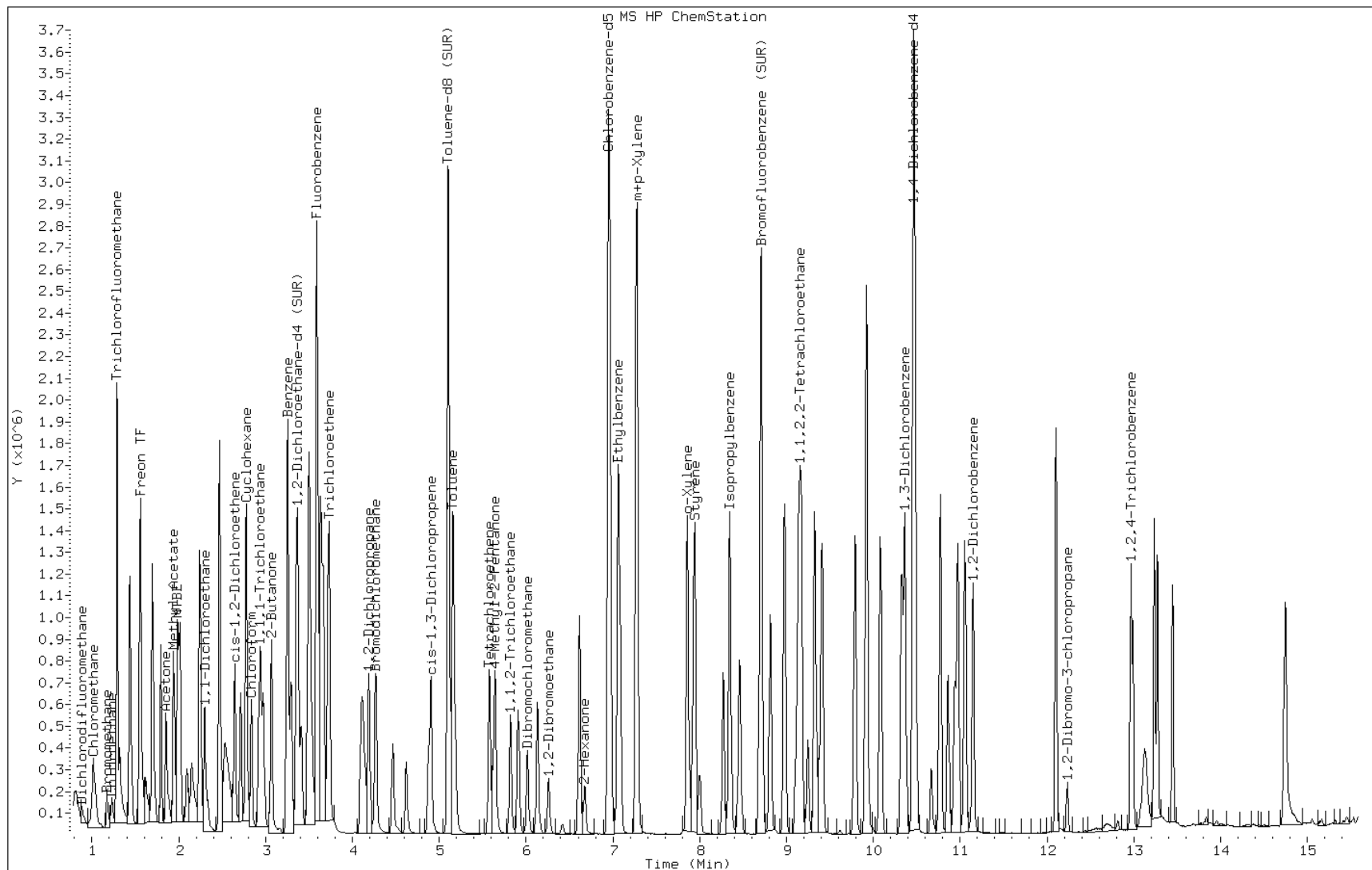
Date: 17-SEP-2012 09:37

Client ID:

Instrument: VOAMS5.i

Sample Info: LCS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-128185/3

Matrix: Water Lab File ID: e07867.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 17:20

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.060
75-71-8	Dichlorodifluoromethane	20.5		1.0	0.22
74-87-3	Chloromethane	20.3		1.0	0.10
75-01-4	Vinyl chloride	20.6		1.0	0.14
74-83-9	Bromomethane	20.5		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.0	0.40
95-50-1	1,2-Dichlorobenzene	20.8		1.0	0.21
75-69-4	Trichlorofluoromethane	20.2		1.0	0.15
75-35-4	1,1-Dichloroethene	20.8		1.0	0.090
78-87-5	1,2-Dichloropropane	20.8		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.2		1.0	0.080
67-64-1	Acetone	22.4		5.0	2.7
75-15-0	Carbon disulfide	20.8		1.0	0.13
79-20-9	Methyl acetate	20.6		2.0	0.34
75-09-2	Methylene Chloride	20.7		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.13
124-48-1	Chlorodibromomethane	21.0		1.0	0.20
1634-04-4	Methyl tert-butyl ether	21.3		1.0	0.14
75-00-3	Chloroethane	24.4		1.0	0.17
75-34-3	1,1-Dichloroethane	21.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.18
78-93-3	2-Butanone (MEK)	21.4		5.0	2.3
67-66-3	Chloroform	20.7		1.0	0.080
100-41-4	Ethylbenzene	21.0		1.0	0.10
110-82-7	Cyclohexane	21.1		1.0	0.16
56-23-5	Carbon tetrachloride	21.1		1.0	0.060
71-43-2	Benzene	20.9		1.0	0.080
107-06-2	1,2-Dichloroethane	20.6		1.0	0.19
79-01-6	Trichloroethene	21.3		1.0	0.090
108-87-2	Methylcyclohexane	20.6		1.0	0.14
75-27-4	Dichlorobromomethane	20.6		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	21.0		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	21.3		5.0	0.99
108-88-3	Toluene	20.9		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	21.2		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-128185/3
 Matrix: Water Lab File ID: e07867.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 09/17/2012 17:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	21.2		1.0	0.19
127-18-4	Tetrachloroethene	21.1		1.0	0.10
591-78-6	2-Hexanone	22.8		5.0	0.50
106-93-4	1,2-Dibromoethane	20.9		1.0	0.28
108-90-7	Chlorobenzene	20.7		1.0	0.11
1330-20-7	Xylenes, Total	61.7		3.0	0.36
100-42-5	Styrene	20.6		1.0	0.12
75-25-2	Bromoform	20.8		1.0	0.19
98-82-8	Isopropylbenzene	20.5		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.16
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	103		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07867.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07867.d
 Lab Smp Id: LCS
 Inj Date : 17-SEP-2012 17:20
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 2 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.248)	143146	20.4935	20
3 Chloromethane	50	1.010	1.010	(0.281)	359511	20.3328	20
4 Vinyl Chloride	62	1.016	1.016	(0.283)	280355	20.6379	21
6 Bromomethane	94	1.169	1.175	(0.326)	130406	20.4883	20
5 Chloroethane	64	1.230	1.230	(0.343)	135596	24.4064	24
7 Trichlorofluoromethane	101	1.291	1.297	(0.360)	249672	20.1518	20
14 Freon TF	101	1.565	1.565	(0.436)	167451	20.2214	20
15 1,1-Dichloroethene	96	1.547	1.547	(0.431)	149829	20.7611	21
16 Acetone	58	1.882	1.882	(0.524)	15631	22.4186	22
18 Carbon Disulfide	76	1.559	1.559	(0.434)	672714	20.8283	21
27 Methyl Acetate	74	1.955	1.955	(0.545)	35623	20.6050	21
22 Methylene Chloride	49	1.851	1.851	(0.516)	350981	20.7108	21
28 MTBE	73	2.010	2.010	(0.560)	655524	21.2576	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.541)	199241	20.6015	21
30 1,1-Dichloroethane	63	2.303	2.302	(0.642)	458515	21.4804	21
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	226818	20.4928	20

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07867.d
 Report Date: 18-Sep-2012 10:43

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.065	3.065	(0.854)	31097	21.3667	21
42 Chloroform	83	2.839	2.839	(0.791)	404285	20.7269	21
44 Cyclohexane	56	2.778	2.778	(0.774)	424073	21.0723	21
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	336702	21.0401	21
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	268708	21.0873	21
48 Benzene	78	3.254	3.253	(0.468)	993550	20.8940	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	632640	51.4520	51
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	312532	20.6464	21
* 52 Fluorobenzene	96	3.589	3.595	(1.000)	2497832	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	231298	21.2924	21
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	351281	20.6012	21
57 1,2-Dichloropropane	63	4.193	4.192	(1.168)	274495	20.7744	21
68 Bromodichloromethane	83	4.266	4.266	(1.189)	309189	20.5734	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	424099	20.9844	21
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	261391	21.2788	21
\$ 65 Toluene-d8 (SUR)	98	5.101	5.107	(0.733)	2394938	51.7977	52
66 Toluene	91	5.156	5.156	(0.741)	1113000	20.9484	21
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	376239	21.1895	21
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	170861	21.1860	21
71 Tetrachloroethene	166	5.576	5.582	(0.802)	256308	21.1306	21
73 2-Hexanone	43	6.674	6.674	(0.960)	199786	22.8006	23
74 Dibromochloromethane	129	6.015	6.015	(0.865)	229496	21.0194	21
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	197917	20.8910	21
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	1978624	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	714962	20.7336	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	385601	21.0183	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	972002	41.2577	41
84 o-Xylene	106	7.856	7.856	(1.130)	471295	20.4338	20
85 Styrene	104	7.942	7.942	(1.142)	816403	20.6288	21
86 Bromoform	173	7.911	7.911	(1.138)	148811	20.7666	21
88 Isopropylbenzene	105	8.344	8.344	(1.200)	1196849	20.5306	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	865704	51.7272	52
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	250308	21.0530	21
105 1,3-Dichlorobenzene	146	10.332	10.331	(0.987)	558084	20.6612	21
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	1049033	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	574749	20.8961	21
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	516042	20.7908	21
112 1,2-Dibromo-3-chloropropane	75	12.234	12.233	(1.169)	40948	20.9886	21
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	279872	20.7372	21
M 120 1,2-Dichloroethene (Total)	100				426059	41.0942	41
M 121 Xylene (Total)	100				1443297	61.6915	62

Data File: e07867.d

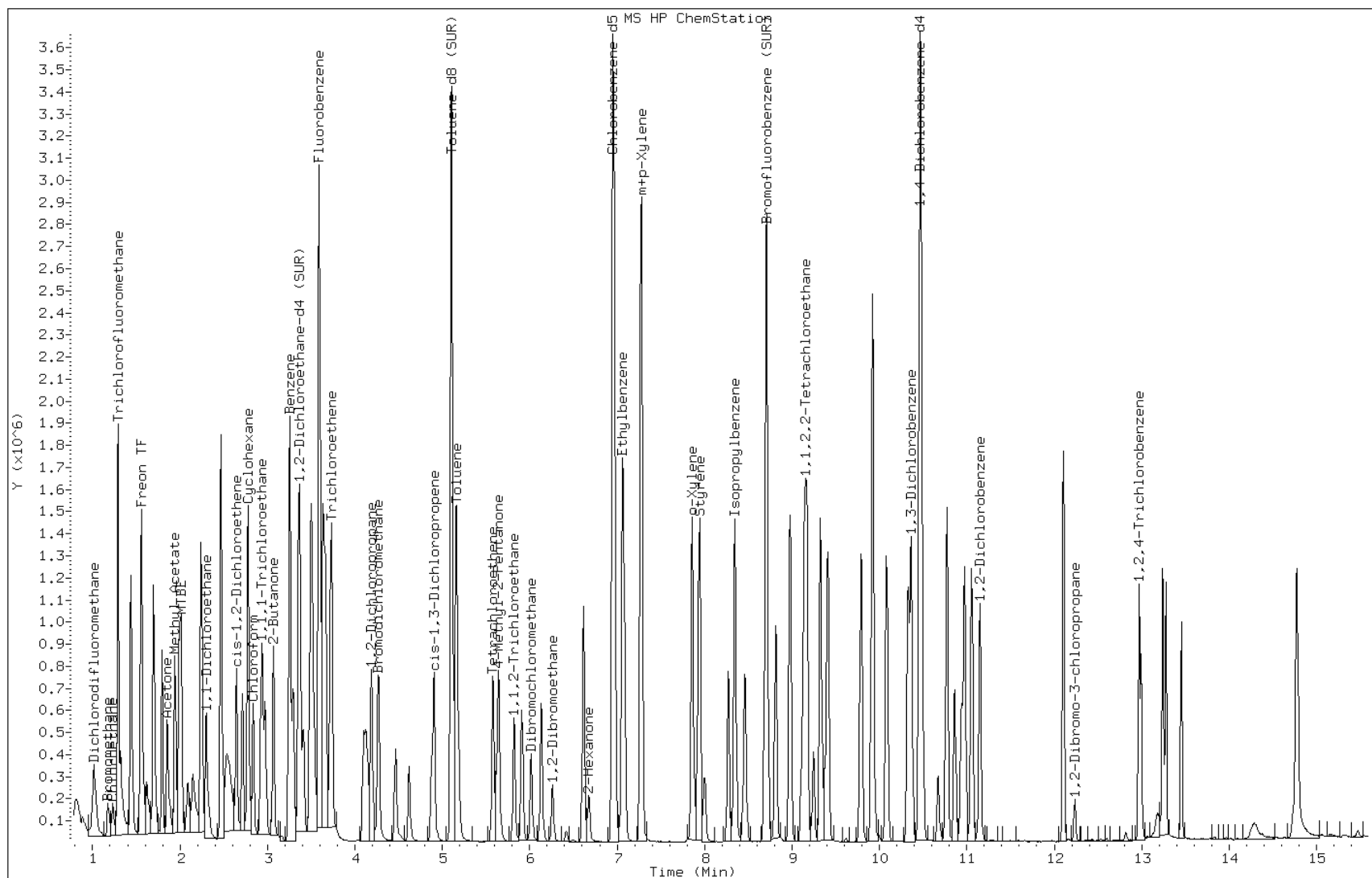
Date: 17-SEP-2012 17:20

Client ID:

Instrument: VOAMS5.i

Sample Info: LCS

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8 MS
 Matrix: Water Lab File ID: e07879.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 01:03
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	207		10	0.60
75-71-8	Dichlorodifluoromethane	239		10	2.2
74-87-3	Chloromethane	222		10	1.0
75-01-4	Vinyl chloride	229		10	1.4
74-83-9	Bromomethane	209		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	233		10	4.0
95-50-1	1,2-Dichlorobenzene	210		10	2.1
75-69-4	Trichlorofluoromethane	262		10	1.5
75-35-4	1,1-Dichloroethene	210		10	0.90
78-87-5	1,2-Dichloropropane	210		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	215		10	0.80
67-64-1	Acetone	307		50	27
75-15-0	Carbon disulfide	204		10	1.3
79-20-9	Methyl acetate	202		20	3.4
75-09-2	Methylene Chloride	200		10	1.8
156-60-5	trans-1,2-Dichloroethene	195		10	1.3
124-48-1	Chlorodibromomethane	217		10	2.0
1634-04-4	Methyl tert-butyl ether	209		10	1.4
75-00-3	Chloroethane	243		10	1.7
75-34-3	1,1-Dichloroethane	208		10	1.3
156-59-2	cis-1,2-Dichloroethene	206		10	1.8
78-93-3	2-Butanone (MEK)	249		50	23
67-66-3	Chloroform	211		10	0.80
100-41-4	Ethylbenzene	210		10	1.0
110-82-7	Cyclohexane	232		10	1.6
56-23-5	Carbon tetrachloride	213		10	0.60
71-43-2	Benzene	580		10	0.80
107-06-2	1,2-Dichloroethane	226		10	1.9
79-01-6	Trichloroethene	216		10	0.90
108-87-2	Methylcyclohexane	231		10	1.4
75-27-4	Dichlorobromomethane	209		10	1.2
10061-01-5	cis-1,3-Dichloropropene	204		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	229		50	9.9
108-88-3	Toluene	206		10	1.5
10061-02-6	trans-1,3-Dichloropropene	211		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8 MS
 Matrix: Water Lab File ID: e07879.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 01:03
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	214		10	1.9
127-18-4	Tetrachloroethene	214		10	1.0
591-78-6	2-Hexanone	241		50	5.0
106-93-4	1,2-Dibromoethane	220		10	2.8
108-90-7	Chlorobenzene	205		10	1.1
1330-20-7	Xylenes, Total	616		30	3.6
100-42-5	Styrene	205		10	1.2
75-25-2	Bromoform	219		10	1.9
98-82-8	Isopropylbenzene	211		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	227		10	1.6
541-73-1	1,3-Dichlorobenzene	206		10	1.4
106-46-7	1,4-Dichlorobenzene	208		10	2.3
120-82-1	1,2,4-Trichlorobenzene	228		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07879.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07879.d
 Lab Smp Id: 460-44505-B-8 MS Client Smp ID: WG-17338-091112-VAS
 Inj Date : 18-SEP-2012 01:03
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-B-8 MS;10
 Misc Info : 460-44505-B-8 MS
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 10 QC Sample: MS
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	0.894	0.888	(0.249)	165257	23.8606	240(R)	
3 Chloromethane	50	1.016	1.010	(0.283)	388780	22.1754	220(R)	
4 Vinyl Chloride	62	1.028	1.016	(0.286)	309085	22.9466	230(R)	
6 Bromomethane	94	1.181	1.175	(0.328)	132099	20.9310	210(R)	
5 Chloroethane	64	1.236	1.230	(0.344)	134103	24.3433	240(R)	
7 Trichlorofluoromethane	101	1.303	1.297	(0.362)	321318	26.1554	260(R)	
14 Freon TF	101	1.571	1.565	(0.437)	176554	21.5022	220(R)	
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	150152	20.9831	210(R)	
16 Acetone	58	1.894	1.882	(0.527)	21227	30.7039	310(R)	
18 Carbon Disulfide	76	1.571	1.559	(0.437)	654078	20.4238	200(R)	
27 Methyl Acetate	74	1.961	1.955	(0.546)	34694	20.2386	200(R)	
22 Methylene Chloride	49	1.864	1.851	(0.518)	336647	20.0341	200(R)	
28 MTBE	73	2.016	2.010	(0.561)	640067	20.9332	210(R)	
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	186946	19.4948	190(R)	
30 1,1-Dichloroethane	63	2.309	2.302	(0.642)	440696	20.8215	210(R)	
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	225779	20.5726	200(R)	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07879.d
 Report Date: 18-Sep-2012 10:43

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.077	3.065 (0.856)		35955	24.9150	250(R)
42 Chloroform	83	2.845	2.839 (0.791)		407851	21.0878	210(R)
44 Cyclohexane	56	2.784	2.778 (0.774)		463512	23.2282	230(R)
43 1,1,1-Trichloroethane	97	2.979	2.973 (0.829)		329065	20.7380	210(R)
45 Carbon Tetrachloride	117	2.931	2.924 (0.815)		269725	21.3474	210(R)
48 Benzene	78	3.260	3.253 (0.469)		2726851	57.9575	580(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357 (0.936)		643279	52.7629	53
49 1,2-Dichloroethane	62	3.418	3.412 (0.951)		339371	22.6104	230(R)
* 52 Fluorobenzene	96	3.595	3.595 (1.000)		2476738	50.0000	
54 Trichloroethene	95	3.741	3.735 (1.041)		233038	21.6353	220(R)
56 Methyl cyclohexane	83	3.729	3.723 (1.037)		390495	23.0960	230(R)
57 1,2-Dichloropropane	63	4.199	4.192 (1.168)		275028	20.9920	210(R)
68 Bromodichloromethane	83	4.272	4.266 (1.188)		310806	20.8572	210(R)
67 cis-1,3-Dichloropropene	75	4.906	4.906 (0.705)		408094	20.4083	200(R)
70 4-Methyl-2-Pentanone	43	5.625	5.625 (0.809)		278280	22.8957	230(R)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107 (0.734)		2310324	50.5017	50
66 Toluene	91	5.162	5.156 (0.742)		1084838	20.6365	210(R)
64 trans-1,3-Dichloropropene	75	5.649	5.643 (0.812)		370359	21.0812	210(R)
69 1,1,2-Trichloroethane	83	5.826	5.820 (0.838)		170757	21.3994	210(R)
71 Tetrachloroethene	166	5.582	5.582 (0.803)		256680	21.3874	210(R)
73 2-Hexanone	43	6.680	6.674 (0.961)		208648	24.0665	240(R)
74 Dibromochloromethane	129	6.021	6.015 (0.866)		233947	21.6560	220(R)
77 1,2-Dibromoethane	107	6.265	6.259 (0.901)		206253	22.0036	220(R)
* 78 Chlorobenzene-d5	117	6.954	6.954 (1.000)		1957702	50.0000	
79 Chlorobenzene	112	6.972	6.972 (1.003)		699979	20.5161	200(R)
81 Ethylbenzene	106	7.064	7.064 (1.016)		381590	21.0220	210(R)
82 m+p-Xylene	106	7.277	7.277 (1.046)		955962	41.0105	410(R)
84 o-Xylene	106	7.862	7.856 (1.131)		469803	20.5868	200(R)
85 Styrene	104	7.942	7.942 (1.142)		803311	20.5149	200(R)
86 Bromoform	173	7.917	7.911 (1.139)		155616	21.9483	220(R)
88 Isopropylbenzene	105	8.350	8.344 (1.201)		1215207	21.0683	210(R)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710 (0.832)		854747	49.8663	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112 (0.871)		276189	22.6812	230(R)
105 1,3-Dichlorobenzene	146	10.332	10.331 (0.987)		569664	20.5919	200(R)
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466 (1.000)		1074406	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490 (1.002)		585168	20.7725	210(R)
111 1,2-Dichlorobenzene	146	11.148	11.148 (1.065)		533439	20.9841	210(R)
112 1,2-Dibromo-3-chloropropane	75	12.234	12.233 (1.169)		46652	23.3476	230(R)
114 1,2,4-Trichlorobenzene	180	12.977	12.971 (1.240)		315833	22.8491	230(R)
M 120 1,2-Dichloroethene (Total)	100				412725	40.0674	400
M 121 Xylene (Total)	100				1425765	61.5973	620(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e07879.d

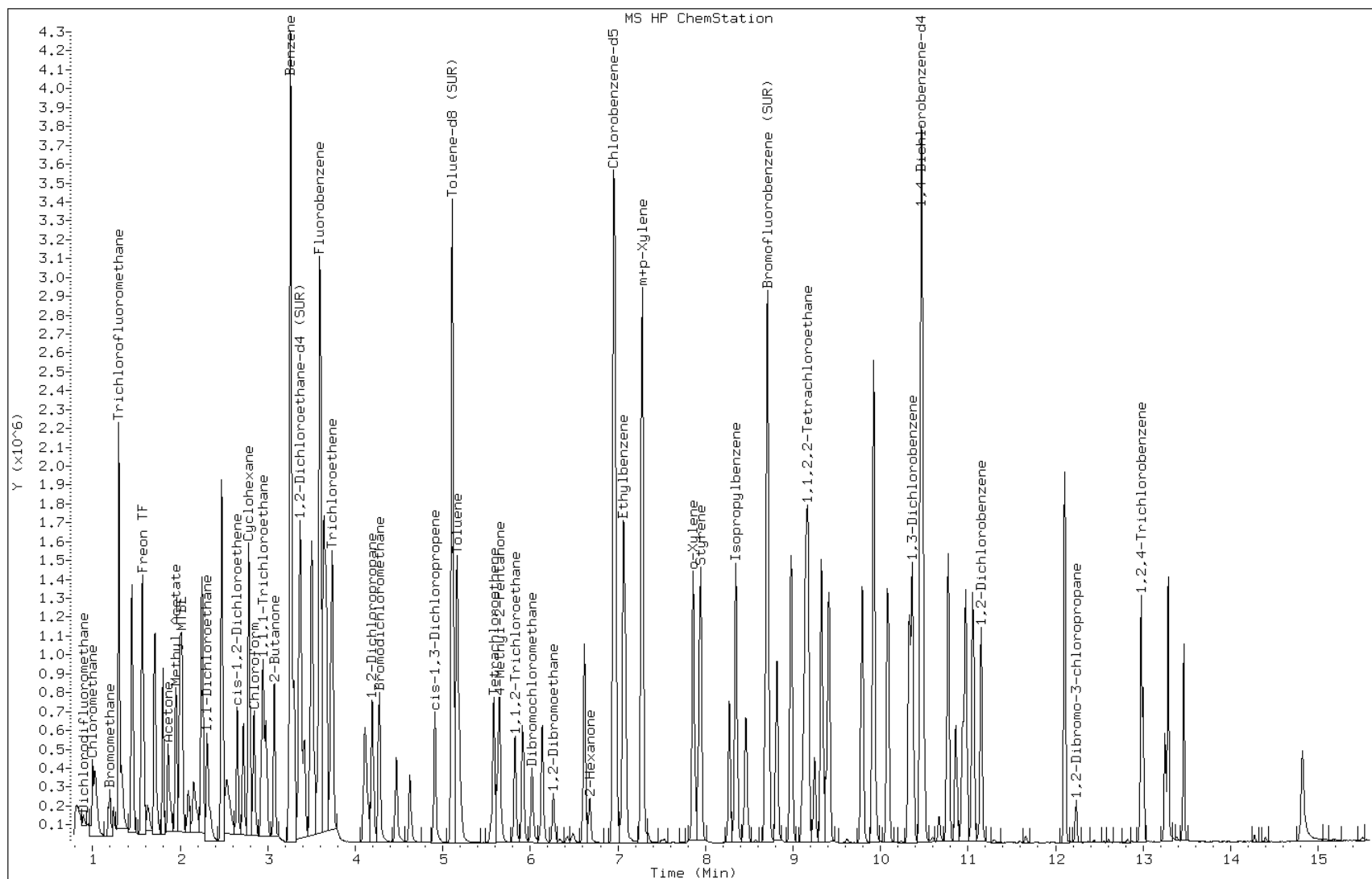
Date: 18-SEP-2012 01:03

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8 MS;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8 MSD

Matrix: Water Lab File ID: e07880.d

Analysis Method: 8260B Date Collected: 09/11/2012 14:25

Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 01:26

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	215		10	0.60
75-71-8	Dichlorodifluoromethane	252		10	2.2
74-87-3	Chloromethane	224		10	1.0
75-01-4	Vinyl chloride	236		10	1.4
74-83-9	Bromomethane	205		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	244		10	4.0
95-50-1	1,2-Dichlorobenzene	216		10	2.1
75-69-4	Trichlorofluoromethane	209		10	1.5
75-35-4	1,1-Dichloroethene	208		10	0.90
78-87-5	1,2-Dichloropropane	215		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	213		10	0.80
67-64-1	Acetone	314		50	27
75-15-0	Carbon disulfide	215		10	1.3
79-20-9	Methyl acetate	204		20	3.4
75-09-2	Methylene Chloride	202		10	1.8
156-60-5	trans-1,2-Dichloroethene	205		10	1.3
124-48-1	Chlorodibromomethane	218		10	2.0
1634-04-4	Methyl tert-butyl ether	212		10	1.4
75-00-3	Chloroethane	209		10	1.7
75-34-3	1,1-Dichloroethane	207		10	1.3
156-59-2	cis-1,2-Dichloroethene	211		10	1.8
78-93-3	2-Butanone (MEK)	240		50	23
67-66-3	Chloroform	225		10	0.80
100-41-4	Ethylbenzene	216		10	1.0
110-82-7	Cyclohexane	236		10	1.6
56-23-5	Carbon tetrachloride	215		10	0.60
71-43-2	Benzene	594		10	0.80
107-06-2	1,2-Dichloroethane	229		10	1.9
79-01-6	Trichloroethene	223		10	0.90
108-87-2	Methylcyclohexane	237		10	1.4
75-27-4	Dichlorobromomethane	214		10	1.2
10061-01-5	cis-1,3-Dichloropropene	212		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	233		50	9.9
108-88-3	Toluene	212		10	1.5
10061-02-6	trans-1,3-Dichloropropene	218		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44505-1
 SDG No.: _____
 Client Sample ID: WG-17338-091112-VAS10-MM- Lab Sample ID: 460-44505-8 MSD
 Matrix: Water Lab File ID: e07880.d
 Analysis Method: 8260B Date Collected: 09/11/2012 14:25
 Sample wt/vol: 5(mL) Date Analyzed: 09/18/2012 01:26
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 128185 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	219		10	1.9
127-18-4	Tetrachloroethene	218		10	1.0
591-78-6	2-Hexanone	241		50	5.0
106-93-4	1,2-Dibromoethane	224		10	2.8
108-90-7	Chlorobenzene	210		10	1.1
1330-20-7	Xylenes, Total	633		30	3.6
100-42-5	Styrene	211		10	1.2
75-25-2	Bromoform	216		10	1.9
98-82-8	Isopropylbenzene	218		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	229		10	1.6
541-73-1	1,3-Dichlorobenzene	210		10	1.4
106-46-7	1,4-Dichlorobenzene	214		10	2.3
120-82-1	1,2,4-Trichlorobenzene	241		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	99		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07880.d
 Report Date: 18-Sep-2012 10:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07880.d
 Lab Smp Id: 460-44505-B-8 MSD Client Smp ID: WG-17338-091112-VAS
 Inj Date : 18-SEP-2012 01:26
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-44505-B-8 MSD;10
 Misc Info : 460-44505-B-8 MSD
 Comment :
 Method : /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/8260DE_09.m
 Meth Date : 18-Sep-2012 10:42 maryb Quant Type: ISTD
 Cal Date : 17-SEP-2012 16:56 Cal File: e07866.d
 Als bottle: 11 QC Sample: MSD
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.894	0.888	(0.249)	178601	25.2488	250(R)	
3 Chloromethane	50	1.016	1.010	(0.283)	400638	22.3746	220(R)	
4 Vinyl Chloride	62	1.022	1.016	(0.284)	324511	23.5888	240(R)	
6 Bromomethane	94	1.175	1.175	(0.327)	132435	20.5461	200(R)	
5 Chloroethane	64	1.236	1.230	(0.344)	117658	20.9121	210(R)	
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	262061	20.8865	210(R)	
14 Freon TF	101	1.565	1.565	(0.435)	178606	21.2980	210(R)	
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	152148	20.8180	210(R)	
16 Acetone	58	1.894	1.882	(0.527)	22152	31.3728	310(R)	
18 Carbon Disulfide	76	1.565	1.559	(0.435)	704113	21.5271	220(R)	
27 Methyl Acetate	74	1.961	1.955	(0.546)	35651	20.3626	200(R)	
22 Methylene Chloride	49	1.858	1.851	(0.517)	347426	20.2439	200(R)	
28 MTBE	73	2.022	2.010	(0.562)	660870	21.1622	210(R)	
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	200954	20.5180	200(R)	
30 1,1-Dichloroethane	63	2.309	2.302	(0.642)	446763	20.6674	210(R)	
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	236995	21.1437	210(R)	

Data File: /chem/VOAMS5.i/8260DE/09-17-12/17sep12a.b/e07880.d
 Report Date: 18-Sep-2012 10:43

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.077	3.065 (0.856)			35352	23.9857	240(R)
42 Chloroform	83		2.845	2.839 (0.791)			444315	22.4935	220(R)
44 Cyclohexane	56		2.784	2.778 (0.774)			480729	23.5880	240(R)
43 1,1,1-Trichloroethane	97		2.979	2.973 (0.829)			347647	21.4516	210(R)
45 Carbon Tetrachloride	117		2.930	2.924 (0.815)			277560	21.5088	220(R)
48 Benzene	78		3.260	3.253 (0.469)			2813656	59.4471	590(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.357 (0.936)			661843	53.1521	53
49 1,2-Dichloroethane	62		3.418	3.412 (0.951)			351153	22.9069	230(R)
* 52 Fluorobenzene	96		3.595	3.595 (1.000)			2529554	50.0000	
54 Trichloroethene	95		3.741	3.735 (1.041)			244849	22.2572	220(R)
56 Methyl cyclohexane	83		3.729	3.723 (1.037)			409714	23.7268	240(R)
57 1,2-Dichloropropane	63		4.192	4.192 (1.166)			287633	21.4957	210(R)
68 Bromodichloromethane	83		4.272	4.266 (1.188)			326147	21.4297	210(R)
67 cis-1,3-Dichloropropene	75		4.906	4.906 (0.705)			425759	21.1651	210(R)
70 4-Methyl-2-Pentanone	43		5.631	5.625 (0.810)			285240	23.3289	230(R)
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107 (0.734)			2330274	50.6350	51
66 Toluene	91		5.162	5.156 (0.742)			1120254	21.1836	210(R)
64 trans-1,3-Dichloropropene	75		5.649	5.643 (0.812)			384741	21.7697	220(R)
69 1,1,2-Trichloroethane	83		5.826	5.820 (0.838)			175495	21.8624	220(R)
71 Tetrachloroethene	166		5.582	5.582 (0.803)			263464	21.8222	220(R)
73 2-Hexanone	43		6.680	6.674 (0.961)			210578	24.1448	240(R)
74 Dibromochloromethane	129		6.015	6.015 (0.865)			237428	21.8477	220(R)
77 1,2-Dibromoethane	107		6.259	6.259 (0.900)			210917	22.3674	220(R)
* 78 Chlorobenzene-d5	117		6.954	6.954 (1.000)			1969406	50.0000	
79 Chlorobenzene	112		6.972	6.972 (1.003)			721242	21.0136	210(R)
81 Ethylbenzene	106		7.064	7.064 (1.016)			394509	21.6045	220(R)
82 m+p-Xylene	106		7.277	7.277 (1.046)			993522	42.3685	420(R)
84 o-Xylene	106		7.862	7.856 (1.131)			481407	20.9699	210(R)
85 Styrene	104		7.942	7.942 (1.142)			829567	21.0595	210(R)
86 Bromoform	173		7.911	7.911 (1.138)			154104	21.6059	220(R)
88 Isopropylbenzene	105		8.350	8.344 (1.201)			1264604	21.7944	220(R)
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710 (0.832)			863619	49.6187	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112 (0.871)			283206	22.9042	230(R)
105 1,3-Dichlorobenzene	146		10.331	10.331 (0.987)			590747	21.0296	210(R)
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466 (1.000)			1090977	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490 (1.002)			611776	21.3872	210(R)
111 1,2-Dichlorobenzene	146		11.148	11.148 (1.065)			556437	21.5564	220(R)
112 1,2-Dibromo-3-chloropropane	75		12.234	12.233 (1.169)			49577	24.4346	240(R)
114 1,2,4-Trichlorobenzene	180		12.977	12.971 (1.240)			337664	24.0574	240(R)
M 120 1,2-Dichloroethene (Total)	100						437949	41.6618	420
M 121 Xylene (Total)	100						1474929	63.3384	630(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e07880.d

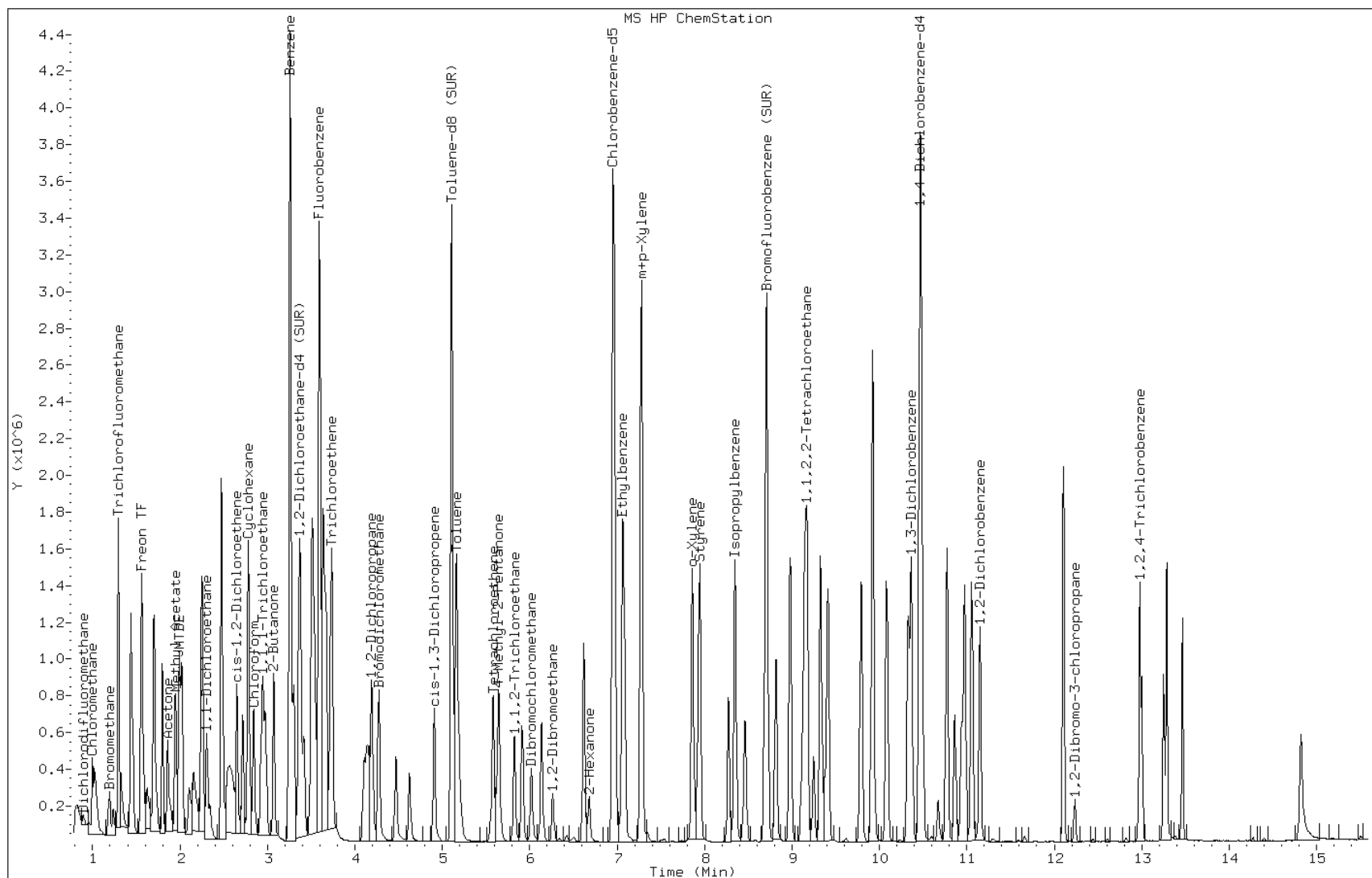
Date: 18-SEP-2012 01:26

Client ID: WG-17338-091112-VAS

Instrument: VOAMS5.i

Sample Info: 460-44505-B-8 MSD;10

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 09/17/2012 03:24Analysis Batch Number: 128076 End Date: 09/17/2012 16:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-128076/1		09/17/2012 03:24	1	e07834.d	Rtx-VMS 0.18 (mm)
IC 460-128076/2		09/17/2012 04:49	1	e07836.d	Rtx-VMS 0.18 (mm)
IC 460-128076/3		09/17/2012 05:36	1	e07838.d	Rtx-VMS 0.18 (mm)
ICIS 460-128076/4		09/17/2012 06:00	1	e07839.d	Rtx-VMS 0.18 (mm)
IC 460-128076/5		09/17/2012 06:23	1	e07840.d	Rtx-VMS 0.18 (mm)
IC 460-128076/6		09/17/2012 06:46	1	e07841.d	Rtx-VMS 0.18 (mm)
IC 460-128076/7		09/17/2012 07:10	1	e07842.d	Rtx-VMS 0.18 (mm)
LCS 460-128076/8		09/17/2012 09:37	1	e07847.d	Rtx-VMS 0.18 (mm)
MB 460-128076/9		09/17/2012 10:47	1	e07850.d	Rtx-VMS 0.18 (mm)
460-44505-10	TB-17338-091212-MM-24 7	09/17/2012 11:11	1	e07851.d	Rtx-VMS 0.18 (mm)
460-44505-6	WG-17338-091112-VAS10 -MM-243	09/17/2012 11:34	1	e07852.d	Rtx-VMS 0.18 (mm)
460-44505-7	WG-17338-091112-VAS10 -MM-244	09/17/2012 11:57	1	e07853.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/17/2012 12:21	5		Rtx-VMS 0.18 (mm)
460-44505-9 DL	WG-17338-091112-VAS10 -MM-246 DL	09/17/2012 12:44	5	e07855.d	Rtx-VMS 0.18 (mm)
460-44505-1	WG-17338-091112-VAS9- MM-238	09/17/2012 13:07	1	e07856.d	Rtx-VMS 0.18 (mm)
460-44505-2	WG-17338-091112-VAS9- MM-239	09/17/2012 13:31	1	e07857.d	Rtx-VMS 0.18 (mm)
460-44505-3	WG-17338-091112-VAS9- MM-240	09/17/2012 13:54	1	e07858.d	Rtx-VMS 0.18 (mm)
460-44505-4	WG-17338-091112-VAS9- MM-241	09/17/2012 14:17	1	e07859.d	Rtx-VMS 0.18 (mm)
460-44505-5	WG-17338-091112-DUP-M M-242	09/17/2012 14:41	1	e07860.d	Rtx-VMS 0.18 (mm)
CCV 460-128076/20		09/17/2012 16:16	1	e07864.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44505-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 09/17/2012 16:35Analysis Batch Number: 128185 End Date: 09/18/2012 05:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-128185/1		09/17/2012 16:35	1	e07865.d	Rtx-VMS 0.18 (mm)
CCVIS 460-128185/2		09/17/2012 16:56	1	e07866.d	Rtx-VMS 0.18 (mm)
LCS 460-128185/3		09/17/2012 17:20	1	e07867.d	Rtx-VMS 0.18 (mm)
MB 460-128185/13		09/17/2012 22:28	1	e07873.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/17/2012 22:51	1		Rtx-VMS 0.18 (mm)
460-44505-8	WG-17338-091112-VAS10 -MM-245	09/17/2012 23:30	1	e07875.d	Rtx-VMS 0.18 (mm)
460-44505-9	WG-17338-091112-VAS10 -MM-246	09/18/2012 00:16	1	e07877.d	Rtx-VMS 0.18 (mm)
460-44505-8 MS	WG-17338-091112-VAS10 -MM-245 MS	09/18/2012 01:03	10	e07879.d	Rtx-VMS 0.18 (mm)
460-44505-8 MSD	WG-17338-091112-VAS10 -MM-245 MSD	09/18/2012 01:26	10	e07880.d	Rtx-VMS 0.18 (mm)
ZZZZZ		09/18/2012 03:00	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/18/2012 03:23	1		Rtx-VMS 0.18 (mm)
ZZZZZ		09/18/2012 03:46	5		Rtx-VMS 0.18 (mm)
CCV 460-128185/12		09/18/2012 05:44	1	e07889.d	Rtx-VMS 0.18 (mm)

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

Name (for report and invoice) CHARLES BARTON		Samplers Name (Printed) M. MYLET		Site/Project Identification FORNELL C.M.	
Company CRA		P.O. # 017338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☐ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ 72 HOURS		ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)	
City BUENOS AY	State NY	Date 9/11/12		LAB USE ONLY Job No.: 44505 Project No.:	
Phone 716-856-2142	Fax	Time 1030	Matrix AVC	Sample Numbers	
Sample Identification		Date	Time	Matrix	No. of Cont.
166-17338-091112-VDS9-MM-238		9/11/12	1030	AVC	3
166-17338-091112-VDS9-MM-239			1030		3
166-17338-091112-VDS9-MM-240			1045		3
166-17338-091112-VDS9-MM-241			1105		3
166-17338-091112-VDS9-MM-242			1230		3
166-17338-091112-VDS10-MM-243			1345		3
166-17338-091112-VDS10-MM-244			1405		3
166-17338-091112-VDS10-MM-245			1425		9
166-17338-091112-VDS10-MM-246			1440		3
166-17338-091112-VDS10-MM-247			9/12/12		3

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
Soil: ☐ Water: ☐

6 = Other _____, 7 = Other _____

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by Mark Miller	Company CRA	Date / Time 9/12/12 1245	Received by Paul Murphy	Company TA
Relinquished by Paul Murphy	Company TA	Date / Time 9-12-12 1730	Received by John Binkley	Company TA
Relinquished by John Binkley	Company TA	Date / Time 9/12/2010	Received by Chloe Chizka	Company 2010
Relinquished by	Company	Date / Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-44505-1

Login Number: 44505

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2°C IR#3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.