

ANALYTICAL REPORT

Job Number: 460-43415-1

Job Description: 17338-TO4-2012, GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304
Attention: Ms. Sue Scrocchi



Approved for release.
Jannel O Franklin
Project Manager I
8/16/2012 3:37 PM

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08/16/2012

cc: Chris Barton

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17338-TO4-2012, GM Wilmington

Report Number: 460-43415-1

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 08/11/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4 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 460-43415-1 through 460-43415-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/12/2012, 08/13/2012 and 08/14/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 123702 were outside control limits for Carbon disulfide. The MS/MSD %RPD was outside control limits for Acetone. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 124030 were outside control limits for multiple analytes. The associated laboratory control sample (LCS) recoveries met acceptance criteria.

Refer to the QC report for details.

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: 460-43415-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-43415-1	WG-17338-081012-VASY-MM-2 27	Water	08/10/2012 0945	08/11/2012 1120
460-43415-2	WG-17338-081012-VASY-MM-2 28	Water	08/10/2012 1010	08/11/2012 1120
460-43415-3	WG-17338-081012-VASY-MM-2 29	Water	08/10/2012 1025	08/11/2012 1120
460-43415-4	WG-17338-081012-VASY-MM-2 30	Water	08/10/2012 1110	08/11/2012 1120
460-43415-5	TB-17338-081012-231	Water	08/08/2012 1030	08/11/2012 1120

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43415-1	WG-17338-081012-VASY-MM-227					
Ethylbenzene		0.79	J	1.0	ug/L	8260B
Cyclohexane		4.5		1.0	ug/L	8260B
Benzene		41		1.0	ug/L	8260B
Methylcyclohexane		1.9		1.0	ug/L	8260B
Toluene		1.0		1.0	ug/L	8260B
Xylenes, Total		2.1	J	3.0	ug/L	8260B
Isopropylbenzene		28		1.0	ug/L	8260B
460-43415-2	WG-17338-081012-VASY-MM-228					
Ethylbenzene		190		1.0	ug/L	8260B
Cyclohexane		89		1.0	ug/L	8260B
Benzene		11		1.0	ug/L	8260B
Methylcyclohexane		30		1.0	ug/L	8260B
Toluene		23		1.0	ug/L	8260B
Xylenes, Total		3.7		3.0	ug/L	8260B
Styrene		3.7		1.0	ug/L	8260B
Isopropylbenzene		30		1.0	ug/L	8260B
460-43415-3	WG-17338-081012-VASY-MM-229					
1,2-Dichlorobenzene		0.22	J	1.0	ug/L	8260B
Acetone		42		5.0	ug/L	8260B
2-Butanone (MEK)		11		5.0	ug/L	8260B
Ethylbenzene		500		1.0	ug/L	8260B
Cyclohexane		31		1.0	ug/L	8260B
Benzene		15		1.0	ug/L	8260B
Methylcyclohexane		8.6		1.0	ug/L	8260B
Toluene		130		1.0	ug/L	8260B
Xylenes, Total		79		3.0	ug/L	8260B
Styrene		10		1.0	ug/L	8260B
Isopropylbenzene		33		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43415-4	WG-17338-081012-VASY-MM-230					
1,2-Dichlorobenzene		0.21	J	1.0	ug/L	8260B
Acetone		33		5.0	ug/L	8260B
Carbon disulfide		0.47	J	1.0	ug/L	8260B
2-Butanone (MEK)		9.4		5.0	ug/L	8260B
Ethylbenzene		150		1.0	ug/L	8260B
Cyclohexane		10		1.0	ug/L	8260B
Benzene		37		1.0	ug/L	8260B
Methylcyclohexane		7.3		1.0	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		2.1	J	5.0	ug/L	8260B
Toluene		85		1.0	ug/L	8260B
Tetrachloroethene		0.19	J	1.0	ug/L	8260B
2-Hexanone		2.1	J	5.0	ug/L	8260B
Xylenes, Total		100		3.0	ug/L	8260B
Styrene		3.5		1.0	ug/L	8260B
Isopropylbenzene		10		1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

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: 460-43415-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-227

Lab Sample ID: 460-43415-1

Date Sampled: 08/10/2012 0945

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06676.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0728			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0728				

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	0.14	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	0.79	J	0.10	1.0
Cyclohexane	4.5		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	41		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	1.9		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	1.0		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	2.1	J	0.36	3.0
Styrene	0.12	U	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	28		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: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-227

Lab Sample ID: 460-43415-1

Date Sampled: 08/10/2012 0945

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06676.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0728			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0728				

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)	105		70 - 130
4-Bromofluorobenzene	103		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-227

Lab Sample ID: 460-43415-1

Date Sampled: 08/10/2012 0945

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06676.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0728			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0728				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	1.00	13	J
	C5H12 Alkane	1.20	22	J
	C6H14 Alkane	1.52	10	J
	C6H14 Alkane-1	1.73	20	J
	C6H10 Cycloalkene	3.12	16	J
	Ethyl dimethylbenzene isomer	11.59	7.1	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	54	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	16	J
	Tetramethylbenzene isomer	12.61	16	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.87	7.7	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-228

Lab Sample ID: 460-43415-2

Date Sampled: 08/10/2012 1010

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06677.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0751			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0751				

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	0.14	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	190		0.10	1.0
Cyclohexane	89		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	11		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	30		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	23		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	3.7		0.36	3.0
Styrene	3.7		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: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-228

Lab Sample ID: 460-43415-2

Date Sampled: 08/10/2012 1010

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06677.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0751			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0751				

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)	116		70 - 130
4-Bromofluorobenzene	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-228

Lab Sample ID: 460-43415-2

Date Sampled: 08/10/2012 1010

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06677.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0751			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0751				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	1.00	150	J
	C5H12 Alkane	1.21	260	J
	C5H10 Cycloalkane	1.45	64	J
	C6H14 Alkane	1.74	160	J
	C6H12 Cycloalkane	2.36	91	J
103-65-1	Benzene, propyl-	8.98	42	J N
496-11-7	Indane	10.78	73	J N
	Ethyl dimethylbenzene isomer	11.59	46	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	60	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	44	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-229

Lab Sample ID: 460-43415-3

Date Sampled: 08/10/2012 1025

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06739.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1115			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1115				

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	0.22	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	42		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)	11		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	500		0.10	1.0
Cyclohexane	31		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	15		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	8.6		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	130		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	79		0.36	3.0
Styrene	10		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	33		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: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-229

Lab Sample ID: 460-43415-3

Date Sampled: 08/10/2012 1025

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06739.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1115			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1115				

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	100		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-229

Lab Sample ID: 460-43415-3

Date Sampled: 08/10/2012 1025

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06739.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1115			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1115				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C5H10 Cycloalkane	1.74	39	J
103-65-1	Benzene, propyl-	8.98	57	J N
	Ethylmethylbenzene isomer	9.62	22	J
496-11-7	Indane	10.78	130	J N
	Ethyl dimethylbenzene isomer	11.59	55	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	56	J
	Tetramethylbenzene isomer	12.11	25	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.37	31	J
	2,3-dihydro-methyl-1H-Indene isomer-2	12.55	48	J
91-20-3	Naphthalene	13.28	52	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-230

Lab Sample ID: 460-43415-4

Date Sampled: 08/10/2012 1110

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06679.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0838			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0838				

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	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	33		2.7	5.0
Carbon disulfide	0.47	J	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)	9.4		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	150		0.10	1.0
Cyclohexane	10		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	37		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	7.3		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)	2.1	J	0.99	5.0
Toluene	85		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	0.19	J	0.10	1.0
2-Hexanone	2.1	J	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	100		0.36	3.0
Styrene	3.5		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	10		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: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-230

Lab Sample ID: 460-43415-4

Date Sampled: 08/10/2012 1110

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06679.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0838			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0838				

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)	114		70 - 130
4-Bromofluorobenzene	106		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: WG-17338-081012-VASY-MM-230

Lab Sample ID: 460-43415-4

Date Sampled: 08/10/2012 1110

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06679.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0838			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0838				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
103-65-1	Benzene, propyl-	8.98	20	J N
	Ethylmethylbenzene isomer	9.15	14	J
	Ethylmethylbenzene isomer-1	9.62	15	J
	Trimethylbenzene isomer	9.92	21	J
	Trimethylbenzene isomer-1	10.60	14	J
496-11-7	Indane	10.77	50	J N
	Ethyl dimethylbenzene isomer	11.59	17	J
	2,3-dihydro-methyl-1H-Indene isomer	11.66	21	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	15	J
91-20-3	Naphthalene	13.28	28	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: TB-17338-081012-231

Lab Sample ID: 460-43415-5

Date Sampled: 08/08/2012 1030

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123657	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06644.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2012 1124			Final Weight/Volume:	5 mL
Prep Date:	08/12/2012 1124				

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	0.14	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: 460-43415-1

Client Sample ID: TB-17338-081012-231

Lab Sample ID: 460-43415-5

Date Sampled: 08/08/2012 1030

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123657	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06644.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2012 1124			Final Weight/Volume:	5 mL
Prep Date:	08/12/2012 1124				

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	97		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Client Sample ID: TB-17338-081012-231

Lab Sample ID: 460-43415-5

Date Sampled: 08/08/2012 1030

Client Matrix: Water

Date Received: 08/11/2012 1120

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-123657

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e06644.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 08/12/2012 1124

Final Weight/Volume: 5 mL

Prep Date: 08/12/2012 1124

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: 460-43415-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-43415-1	WG-17338-081012-V ASY-MM-227	105	103	103
460-43415-2	WG-17338-081012-V ASY-MM-228	116	101	101
460-43415-3	WG-17338-081012-V ASY-MM-229	106	99	100
460-43415-4	WG-17338-081012-V ASY-MM-230	114	105	106
460-43415-5	TB-17338-081012-23 1	103	96	97
MB 460-123657/4		105	99	99
MB 460-123702/4		104	99	100
MB 460-124030/5		106	100	99
LCS 460-123657/3		96	101	99
LCS 460-123702/3		97	98	97
LCS 460-124030/3		103	97	97
460-43346-B-4 MS		109	103	101
460-43346-C-13 MS		99	98	97
460-43461-B-4 MS		103	98	99
460-43346-B-4 MSD		99	100	98
460-43346-C-13 MSD		101	100	100
460-43461-B-4 MSD		98	98	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: 460-43415-1

Method Blank - Batch: 460-123657

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123657/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/12/2012 1037
Prep Date: 08/12/2012 1037
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06642.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: 460-43415-1

Method Blank - Batch: 460-123657

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123657/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/12/2012 1037
 Prep Date: 08/12/2012 1037
 Leach Date: N/A

Analysis Batch: 460-123657
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e06642.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)	105	70 - 130
4-Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-123657

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-123657

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-123657/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/12/2012 0918
Prep Date: 08/12/2012 0918
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06639.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.6	98	74 - 128	
Dichlorodifluoromethane	20.0	19.8	99	46 - 145	
Chloromethane	20.0	20.6	103	58 - 146	
Vinyl chloride	20.0	19.6	98	61 - 144	
Bromomethane	20.0	20.1	101	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	70 - 116	
1,2-Dichlorobenzene	20.0	19.3	96	82 - 122	
Trichlorofluoromethane	20.0	20.2	101	69 - 147	
1,1-Dichloroethene	20.0	19.6	98	56 - 139	
1,2-Dichloropropane	20.0	19.2	96	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3	102	47 - 139	
Acetone	20.0	18.4	92	45 - 156	
Carbon disulfide	20.0	27.5	138	58 - 139	
Methyl acetate	20.0	18.7	93	50 - 151	
Methylene Chloride	20.0	18.9	95	79 - 119	
trans-1,2-Dichloroethene	20.0	19.9	99	75 - 122	
Chlorodibromomethane	20.0	19.1	95	80 - 120	
Methyl tert-butyl ether	20.0	20.3	102	71 - 115	
Chloroethane	20.0	23.5	118	69 - 145	
1,1-Dichloroethane	20.0	19.7	98	78 - 122	
cis-1,2-Dichloroethene	20.0	19.8	99	80 - 120	
2-Butanone (MEK)	20.0	17.3	86	65 - 114	
Chloroform	20.0	18.3	92	82 - 123	
Ethylbenzene	20.0	19.3	96	79 - 126	
Cyclohexane	20.0	23.2	116	58 - 133	
Carbon tetrachloride	20.0	19.6	98	73 - 120	
Benzene	20.0	19.6	98	83 - 124	
1,2-Dichloroethane	20.0	19.2	96	74 - 118	
Trichloroethene	20.0	19.5	97	78 - 119	
Methylcyclohexane	20.0	22.2	111	61 - 129	
Dichlorobromomethane	20.0	19.4	97	79 - 119	
cis-1,3-Dichloropropene	20.0	19.5	98	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53 - 120	
Toluene	20.0	19.2	96	80 - 120	
trans-1,3-Dichloropropene	20.0	19.2	96	78 - 118	
1,1,2-Trichloroethane	20.0	19.4	97	79 - 119	
Tetrachloroethene	20.0	19.4	97	68 - 139	
2-Hexanone	20.0	16.8	84	53 - 121	
1,2-Dibromoethane	20.0	19.6	98	78 - 118	
Chlorobenzene	20.0	19.1	95	81 - 121	
Xylenes, Total	60.0	58.4	97	76 - 121	
Styrene	20.0	19.5	97	69 - 112	
Bromoform	20.0	19.2	96	73 - 123	
Isopropylbenzene	20.0	19.6	98	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	74 - 126	
1,3-Dichlorobenzene	20.0	19.1	95	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-123657

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-123657/3	Analysis Batch:	460-123657	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06639.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/12/2012 0918	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/12/2012 0918				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	19.4	97	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.1	96	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
4-Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	101	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123657**

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

MS Lab Sample ID: 460-43346-B-4 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1541
Prep Date: 08/12/2012 1541
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06655.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43346-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1604
Prep Date: 08/12/2012 1604
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06656.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	99	100	74 - 128	1	30		
Dichlorodifluoromethane	110	109	46 - 145	1	30		
Chloromethane	109	111	58 - 146	2	30		
Vinyl chloride	105	105	61 - 144	0	30		
Bromomethane	104	106	55 - 153	2	30		
1,2-Dibromo-3-Chloropropane	87	93	70 - 116	7	30		
1,2-Dichlorobenzene	90	94	82 - 122	4	30		
Trichlorofluoromethane	113	115	69 - 147	2	30		
1,1-Dichloroethene	106	108	56 - 139	1	30		
1,2-Dichloropropane	94	95	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	82	83	47 - 139	1	30		
Acetone	75	90	45 - 156	19	30		
Carbon disulfide	70	73	58 - 139	5	30		
Methyl acetate	73	76	50 - 151	3	30		
Methylene Chloride	96	98	79 - 119	3	30		
trans-1,2-Dichloroethene	97	100	75 - 122	3	30		
Chlorodibromomethane	94	97	80 - 120	3	30		
Methyl tert-butyl ether	89	89	71 - 115	0	30		
Chloroethane	116	110	69 - 145	6	30		
1,1-Dichloroethane	99	98	78 - 122	1	30		
cis-1,2-Dichloroethene	97	99	80 - 120	1	30		
2-Butanone (MEK)	75	82	65 - 114	8	30		
Chloroform	92	95	82 - 123	3	30		
Ethylbenzene	92	95	79 - 126	3	30		
Cyclohexane	76	78	58 - 133	2	30		
Carbon tetrachloride	99	101	73 - 120	1	30		
Benzene	93	97	83 - 124	4	30		
1,2-Dichloroethane	99	101	74 - 118	1	30		
Trichloroethene	95	94	78 - 119	0	30		
Methylcyclohexane	77	78	61 - 129	1	30		
Dichlorobromomethane	99	100	79 - 119	1	30		
cis-1,3-Dichloropropene	89	92	80 - 120	3	30		
4-Methyl-2-pentanone (MIBK)	80	82	53 - 120	2	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123657**

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

MS Lab Sample ID: 460-43346-B-4 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1541
Prep Date: 08/12/2012 1541
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06655.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43346-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1604
Prep Date: 08/12/2012 1604
Leach Date: N/A

Analysis Batch: 460-123657
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06656.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	91	93	80 - 120	2	30		
trans-1,3-Dichloropropene	90	93	78 - 118	3	30		
1,1,2-Trichloroethane	90	93	79 - 119	3	30		
Tetrachloroethene	92	96	68 - 139	5	30		
2-Hexanone	78	80	53 - 121	2	30		
1,2-Dibromoethane	92	93	78 - 118	1	30		
Chlorobenzene	94	96	81 - 121	2	30		
Xylenes, Total	92	94	76 - 121	2	30		
Styrene	92	94	69 - 112	3	30		
Bromoform	95	97	73 - 123	2	30		
Isopropylbenzene	93	95	80 - 125	2	30		
1,1,2,2-Tetrachloroethane	88	89	74 - 126	2	30		
1,3-Dichlorobenzene	91	92	81 - 126	2	30		
1,4-Dichlorobenzene	92	95	83 - 123	3	30		
1,2,4-Trichlorobenzene	82	89	66 - 120	8	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	109		99	70 - 130			
4-Bromofluorobenzene	101		98	70 - 130			
Toluene-d8 (Surr)	103		100	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123657**

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

MS Lab Sample ID: 460-43346-B-4 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1541
Prep Date: 08/12/2012 1541
Leach Date: N/A

MSD Lab Sample ID: 460-43346-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1604
Prep Date: 08/12/2012 1604
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	198	199
Dichlorodifluoromethane	0.22	U	200	200	220	217
Chloromethane	0.10	U	200	200	217	222
Vinyl chloride	0.14	U	200	200	209	210
Bromomethane	0.18	U	200	200	207	212
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	174	187
1,2-Dichlorobenzene	0.21	U	200	200	181	187
Trichlorofluoromethane	0.15	U	200	200	226	230
1,1-Dichloroethene	0.090	U	200	200	213	215
1,2-Dichloropropane	0.090	U	200	200	188	190
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	200	200	164	166
Acetone	2.7	U	200	200	149	180
Carbon disulfide	0.13	U	200	200	140	147
Methyl acetate	0.34	U	200	200	146	152
Methylene Chloride	0.18	U	200	200	191	197
trans-1,2-Dichloroethene	0.13	U	200	200	193	199
Chlorodibromomethane	0.20	U	200	200	188	193
Methyl tert-butyl ether	0.14	U	200	200	178	178
Chloroethane	0.17	U	200	200	232	219
1,1-Dichloroethane	0.13	U	200	200	199	197
cis-1,2-Dichloroethene	0.18	U	200	200	195	197
2-Butanone (MEK)	2.3	U	200	200	151	164
Chloroform	0.080	U	200	200	184	190
Ethylbenzene	9.2		200	200	193	200
Cyclohexane	3.2		200	200	155	159
Carbon tetrachloride	0.060	U	200	200	198	201
Benzene	0.22	J	200	200	186	193
1,2-Dichloroethane	0.19	U	200	200	198	201
Trichloroethene	0.090	U	200	200	190	189
Methylcyclohexane	4.2		200	200	158	161
Dichlorobromomethane	0.12	U	200	200	198	200
cis-1,3-Dichloropropene	0.18	U	200	200	179	183
4-Methyl-2-pentanone (MIBK)	0.99	U	200	200	161	164
Toluene	3.3		200	200	185	189
trans-1,3-Dichloropropene	0.24	U	200	200	179	185
1,1,2-Trichloroethane	0.19	U	200	200	181	185
Tetrachloroethene	0.10	U	200	200	184	193
2-Hexanone	0.50	U	200	200	156	159
1,2-Dibromoethane	0.28	U	200	200	184	185
Chlorobenzene	0.11	U	200	200	188	192
Xylenes, Total	38		600	600	589	603
Styrene	0.12	U	200	200	183	188
Bromoform	0.19	U	200	200	190	193

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-123657

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-43346-B-4 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1541
Prep Date: 08/12/2012 1541
Leach Date: N/A

MSD Lab Sample ID: 460-43346-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/12/2012 1604
Prep Date: 08/12/2012 1604
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	0.96	J	200	200	187	191
1,1,2,2-Tetrachloroethane	0.16	U	200	200	176	179
1,3-Dichlorobenzene	0.14	U	200	200	181	185
1,4-Dichlorobenzene	0.23	U	200	200	183	189
1,2,4-Trichlorobenzene	0.34	U	200	200	165	179

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Method Blank - Batch: 460-123702

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123702/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 0641
Prep Date: 08/13/2012 0641
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06674.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: 460-43415-1

Method Blank - Batch: 460-123702

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123702/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/13/2012 0641
 Prep Date: 08/13/2012 0641
 Leach Date: N/A

Analysis Batch: 460-123702
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e06674.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)	104	70 - 130
4-Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-123702

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-123702

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-123702/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 0508
Prep Date: 08/13/2012 0508
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06670.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	17.9	89	74 - 128	
Dichlorodifluoromethane	20.0	16.9	85	46 - 145	
Chloromethane	20.0	17.9	89	58 - 146	
Vinyl chloride	20.0	17.5	88	61 - 144	
Bromomethane	20.0	18.8	94	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	20.7	103	70 - 116	
1,2-Dichlorobenzene	20.0	19.5	97	82 - 122	
Trichlorofluoromethane	20.0	18.0	90	69 - 147	
1,1-Dichloroethene	20.0	18.6	93	56 - 139	
1,2-Dichloropropane	20.0	19.5	97	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.8	89	47 - 139	
Acetone	20.0	20.3	102	45 - 156	
Carbon disulfide	20.0	18.6	93	58 - 139	
Methyl acetate	20.0	20.5	102	50 - 151	
Methylene Chloride	20.0	19.7	98	79 - 119	
trans-1,2-Dichloroethene	20.0	18.3	91	75 - 122	
Chlorodibromomethane	20.0	19.9	99	80 - 120	
Methyl tert-butyl ether	20.0	19.3	97	71 - 115	
Chloroethane	20.0	20.5	103	69 - 145	
1,1-Dichloroethane	20.0	18.6	93	78 - 122	
cis-1,2-Dichloroethene	20.0	18.8	94	80 - 120	
2-Butanone (MEK)	20.0	19.4	97	65 - 114	
Chloroform	20.0	18.3	91	82 - 123	
Ethylbenzene	20.0	18.5	93	79 - 126	
Cyclohexane	20.0	17.3	87	58 - 133	
Carbon tetrachloride	20.0	18.0	90	73 - 120	
Benzene	20.0	19.0	95	83 - 124	
1,2-Dichloroethane	20.0	19.2	96	74 - 118	
Trichloroethene	20.0	18.4	92	78 - 119	
Methylcyclohexane	20.0	17.7	89	61 - 129	
Dichlorobromomethane	20.0	19.3	96	79 - 119	
cis-1,3-Dichloropropene	20.0	19.8	99	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	20.4	102	53 - 120	
Toluene	20.0	19.2	96	80 - 120	
trans-1,3-Dichloropropene	20.0	20.0	100	78 - 118	
1,1,2-Trichloroethane	20.0	20.3	102	79 - 119	
Tetrachloroethene	20.0	18.8	94	68 - 139	
2-Hexanone	20.0	21.9	109	53 - 121	
1,2-Dibromoethane	20.0	20.2	101	78 - 118	
Chlorobenzene	20.0	19.2	96	81 - 121	
Xylenes, Total	60.0	56.9	95	76 - 121	
Styrene	20.0	19.2	96	69 - 112	
Bromoform	20.0	19.5	98	73 - 123	
Isopropylbenzene	20.0	18.6	93	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	74 - 126	
1,3-Dichlorobenzene	20.0	19.1	95	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-123702

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-123702/3	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06670.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 0508	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 0508				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	19.1	95	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.8	99	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
4-Bromofluorobenzene	97	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123702**

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

MS Lab Sample ID: 460-43346-C-13 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0902
Prep Date: 08/13/2012 0902
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06680.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43346-C-13 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0925
Prep Date: 08/13/2012 0925
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06681.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	96	97	74 - 128	0	30		
Dichlorodifluoromethane	107	108	46 - 145	0	30		
Chloromethane	107	106	58 - 146	0	30		
Vinyl chloride	111	108	61 - 144	3	30		
Bromomethane	107	108	55 - 153	1	30		
1,2-Dibromo-3-Chloropropane	101	113	70 - 116	12	30		
1,2-Dichlorobenzene	98	102	82 - 122	4	30		
Trichlorofluoromethane	115	112	69 - 147	2	30		
1,1-Dichloroethene	109	112	56 - 139	3	30		
1,2-Dichloropropane	103	102	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	84	84	47 - 139	0	30		
Acetone	70	115	45 - 156	49	30		F
Carbon disulfide	48	50	58 - 139	4	30	F	F
Methyl acetate	86	95	50 - 151	10	30		
Methylene Chloride	100	104	79 - 119	3	30		
trans-1,2-Dichloroethene	96	99	75 - 122	4	30		
Chlorodibromomethane	101	104	80 - 120	3	30		
Methyl tert-butyl ether	91	94	71 - 115	3	30		
Chloroethane	113	118	69 - 145	4	30		
1,1-Dichloroethane	100	100	78 - 122	0	30		
cis-1,2-Dichloroethene	107	106	80 - 120	0	30		
2-Butanone (MEK)	94	93	65 - 114	1	30		
Chloroform	100	100	82 - 123	0	30		
Ethylbenzene	102	101	79 - 126	1	30		
Cyclohexane	70	70	58 - 133	0	30		
Carbon tetrachloride	100	102	73 - 120	1	30		
Benzene	100	100	83 - 124	1	30		
1,2-Dichloroethane	100	103	74 - 118	3	30		
Trichloroethene	99	102	78 - 119	3	30		
Methylcyclohexane	71	72	61 - 129	2	30		
Dichlorobromomethane	101	104	79 - 119	3	30		
cis-1,3-Dichloropropene	96	101	80 - 120	5	30		
4-Methyl-2-pentanone (MIBK)	104	106	53 - 120	3	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-123702

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43346-C-13 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0902
Prep Date: 08/13/2012 0902
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06680.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43346-C-13 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0925
Prep Date: 08/13/2012 0925
Leach Date: N/A

Analysis Batch: 460-123702
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06681.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	100	102	80 - 120	2	30		
trans-1,3-Dichloropropene	99	105	78 - 118	6	30		
1,1,2-Trichloroethane	99	106	79 - 119	7	30		
Tetrachloroethene	99	101	68 - 139	2	30		
2-Hexanone	101	116	53 - 121	14	30		
1,2-Dibromoethane	102	105	78 - 118	3	30		
Chlorobenzene	100	103	81 - 121	4	30		
Xylenes, Total	97	99	76 - 121	2	30		
Styrene	96	100	69 - 112	3	30		
Bromoform	100	104	73 - 123	4	30		
Isopropylbenzene	97	99	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	103	109	74 - 126	5	30		
1,3-Dichlorobenzene	97	100	81 - 126	3	30		
1,4-Dichlorobenzene	97	102	83 - 123	5	30		
1,2,4-Trichlorobenzene	95	103	66 - 120	8	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	99		101		70 - 130		
4-Bromofluorobenzene	97		100		70 - 130		
Toluene-d8 (Surr)	98		100		70 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-123702

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43346-C-13 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0902
Prep Date: 08/13/2012 0902
Leach Date: N/A

MSD Lab Sample ID: 460-43346-C-13 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0925
Prep Date: 08/13/2012 0925
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	193	194	
Dichlorodifluoromethane	0.22	U	200	200	215	215	
Chloromethane	0.10	U	200	200	214	213	
Vinyl chloride	0.14	U	200	200	222	215	
Bromomethane	0.18	U	200	200	214	216	
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	202	227	
1,2-Dichlorobenzene	0.21	U	200	200	197	204	
Trichlorofluoromethane	0.15	U	200	200	229	225	
1,1-Dichloroethene	0.090	U	200	200	218	225	
1,2-Dichloropropane	0.090	U	200	200	206	204	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	200	200	169	168	
Acetone	2.7	U	200	200	140	230	F
Carbon disulfide	0.72	J	200	200	96.5	100	F
Methyl acetate	0.34	U	200	200	171	189	
Methylene Chloride	0.18	U	200	200	201	208	
trans-1,2-Dichloroethene	0.13	U	200	200	191	199	
Chlorodibromomethane	0.20	U	200	200	201	208	
Methyl tert-butyl ether	0.14	U	200	200	182	188	
Chloroethane	0.17	U	200	200	227	236	
1,1-Dichloroethane	0.13	U	200	200	200	200	
cis-1,2-Dichloroethene	0.18	U	200	200	214	213	
2-Butanone (MEK)	2.3	U	200	200	188	186	
Chloroform	0.080	U	200	200	200	200	
Ethylbenzene	0.10	U	200	200	203	201	
Cyclohexane	0.44	J	200	200	140	141	
Carbon tetrachloride	0.060	U	200	200	200	203	
Benzene	0.13	J	200	200	200	201	
1,2-Dichloroethane	0.19	U	200	200	200	206	
Trichloroethene	0.090	U	200	200	197	204	
Methylcyclohexane	0.73	J	200	200	143	145	
Dichlorobromomethane	0.12	U	200	200	203	209	
cis-1,3-Dichloropropene	0.18	U	200	200	193	202	
4-Methyl-2-pentanone (MIBK)	0.99	U	200	200	207	213	
Toluene	0.15	U	200	200	200	203	
trans-1,3-Dichloropropene	0.24	U	200	200	198	210	
1,1,2-Trichloroethane	0.19	U	200	200	198	212	
Tetrachloroethene	0.10	U	200	200	198	202	
2-Hexanone	0.50	U	200	200	202	232	
1,2-Dibromoethane	0.28	U	200	200	204	210	
Chlorobenzene	0.11	U	200	200	199	206	
Xylenes, Total	0.36	U	600	600	584	595	
Styrene	0.12	U	200	200	193	199	
Bromoform	0.19	U	200	200	201	209	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123702**

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

MS Lab Sample ID: 460-43346-C-13 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0902
Prep Date: 08/13/2012 0902
Leach Date: N/A

MSD Lab Sample ID: 460-43346-C-13 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/13/2012 0925
Prep Date: 08/13/2012 0925
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	0.080	U	200	200	194	199
1,1,2,2-Tetrachloroethane	0.16	U	200	200	206	217
1,3-Dichlorobenzene	0.14	U	200	200	194	200
1,4-Dichlorobenzene	0.23	U	200	200	194	203
1,2,4-Trichlorobenzene	0.34	U	200	200	190	206

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Method Blank - Batch: 460-124030

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-124030/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/14/2012 0830
Prep Date: 08/14/2012 0830
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06732.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: 460-43415-1

Method Blank - Batch: 460-124030

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-124030/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/14/2012 0830
Prep Date: 08/14/2012 0830
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06732.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)	106	70 - 130
4-Bromofluorobenzene	99	70 - 130
Toluene-d8 (Surr)	100	70 - 130

Method Blank TICs- Batch: 460-124030

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-124030

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-124030/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/14/2012 0657
Prep Date: 08/14/2012 0657
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06728.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.2	96	74 - 128	
Dichlorodifluoromethane	20.0	17.7	89	46 - 145	
Chloromethane	20.0	17.6	88	58 - 146	
Vinyl chloride	20.0	17.9	90	61 - 144	
Bromomethane	20.0	18.6	93	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	70 - 116	
1,2-Dichlorobenzene	20.0	18.3	92	82 - 122	
Trichlorofluoromethane	20.0	18.9	94	69 - 147	
1,1-Dichloroethene	20.0	22.5	113	56 - 139	
1,2-Dichloropropane	20.0	19.3	96	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.2	81	47 - 139	
Acetone	20.0	17.6	88	45 - 156	
Carbon disulfide	20.0	17.1	86	58 - 139	
Methyl acetate	20.0	17.8	89	50 - 151	
Methylene Chloride	20.0	20.9	105	79 - 119	
trans-1,2-Dichloroethene	20.0	23.4	117	75 - 122	
Chlorodibromomethane	20.0	18.3	91	80 - 120	
Methyl tert-butyl ether	20.0	17.1	86	71 - 115	
Chloroethane	20.0	16.8	84	69 - 145	
1,1-Dichloroethane	20.0	20.0	100	78 - 122	
cis-1,2-Dichloroethene	20.0	20.6	103	80 - 120	
2-Butanone (MEK)	20.0	18.4	92	65 - 114	
Chloroform	20.0	19.7	99	82 - 123	
Ethylbenzene	20.0	19.7	98	79 - 126	
Cyclohexane	20.0	15.9	79	58 - 133	
Carbon tetrachloride	20.0	20.2	101	73 - 120	
Benzene	20.0	20.8	104	83 - 124	
1,2-Dichloroethane	20.0	18.6	93	74 - 118	
Trichloroethene	20.0	21.0	105	78 - 119	
Methylcyclohexane	20.0	16.1	80	61 - 129	
Dichlorobromomethane	20.0	18.5	93	79 - 119	
cis-1,3-Dichloropropene	20.0	19.2	96	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	17.4	87	53 - 120	
Toluene	20.0	20.3	102	80 - 120	
trans-1,3-Dichloropropene	20.0	19.2	96	78 - 118	
1,1,2-Trichloroethane	20.0	18.8	94	79 - 119	
Tetrachloroethene	20.0	21.7	109	68 - 139	
2-Hexanone	20.0	17.5	87	53 - 121	
1,2-Dibromoethane	20.0	19.2	96	78 - 118	
Chlorobenzene	20.0	19.4	97	81 - 121	
Xylenes, Total	60.0	59.0	98	76 - 121	
Styrene	20.0	19.2	96	69 - 112	
Bromoform	20.0	18.1	91	73 - 123	
Isopropylbenzene	20.0	19.1	96	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	74 - 126	
1,3-Dichlorobenzene	20.0	18.5	93	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Lab Control Sample - Batch: 460-124030

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-124030/3	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06728.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0657	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0657				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	18.7	93	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.2	96	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	97	70 - 130
Toluene-d8 (Surr)	97	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-124030**

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

MS Lab Sample ID: 460-43461-B-4 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1248
Prep Date: 08/14/2012 1248
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06743.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43461-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1311
Prep Date: 08/14/2012 1311
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06744.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	111	117	74 - 128	5	30		
Dichlorodifluoromethane	108	100	46 - 145	8	30		
Chloromethane	103	99	58 - 146	4	30		
Vinyl chloride	105	103	61 - 144	1	30		
Bromomethane	109	107	55 - 153	2	30		
1,2-Dibromo-3-Chloropropane	96	105	70 - 116	8	30		
1,2-Dichlorobenzene	104	107	82 - 122	3	30		
Trichlorofluoromethane	114	105	69 - 147	8	30		
1,1-Dichloroethene	149	156	56 - 139	5	30	F	F
1,2-Dichloropropane	110	112	80 - 120	2	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	96	99	47 - 139	3	30		
Acetone	139	151	45 - 156	7	30		
Carbon disulfide	100	108	58 - 139	8	30		
Methyl acetate	81	89	50 - 151	10	30		
Methylene Chloride	123	126	79 - 119	3	30	F	F
trans-1,2-Dichloroethene	138	140	75 - 122	1	30	F	F
Chlorodibromomethane	104	109	80 - 120	6	30		
Methyl tert-butyl ether	96	98	71 - 115	2	30		
Chloroethane	96	99	69 - 145	3	30		
1,1-Dichloroethane	114	121	78 - 122	5	30		
cis-1,2-Dichloroethene	116	121	80 - 120	5	30		F
2-Butanone (MEK)	103	107	65 - 114	3	30		
Chloroform	118	115	82 - 123	2	30		
Ethylbenzene	118	120	79 - 126	2	30		
Cyclohexane	98	101	58 - 133	3	30		
Carbon tetrachloride	121	126	73 - 120	3	30	F	F
Benzene	121	128	83 - 124	5	30		F
1,2-Dichloroethane	113	115	74 - 118	2	30		
Trichloroethene	119	125	78 - 119	5	30		F
Methylcyclohexane	102	105	61 - 129	3	30		
Dichlorobromomethane	108	112	79 - 119	4	30		
cis-1,3-Dichloropropene	105	111	80 - 120	6	30		
4-Methyl-2-pentanone (MIBK)	95	101	53 - 120	6	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-124030**

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

MS Lab Sample ID: 460-43461-B-4 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1248
Prep Date: 08/14/2012 1248
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06743.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43461-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1311
Prep Date: 08/14/2012 1311
Leach Date: N/A

Analysis Batch: 460-124030
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06744.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	116	121	80 - 120	4	30		F
trans-1,3-Dichloropropene	107	110	78 - 118	3	30		
1,1,2-Trichloroethane	99	107	79 - 119	7	30		
Tetrachloroethene	128	135	68 - 139	5	30		
2-Hexanone	99	99	53 - 121	1	30		
1,2-Dibromoethane	108	112	78 - 118	4	30		
Chlorobenzene	111	116	81 - 121	4	30		
Xylenes, Total	113	117	76 - 121	4	30		
Styrene	107	110	69 - 112	3	30		
Bromoform	103	105	73 - 123	1	30		
Isopropylbenzene	111	114	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	101	105	74 - 126	4	30		
1,3-Dichlorobenzene	106	110	81 - 126	4	30		
1,4-Dichlorobenzene	106	111	83 - 123	5	30		
1,2,4-Trichlorobenzene	98	103	66 - 120	6	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	103		98	70 - 130			
4-Bromofluorobenzene	99		99	70 - 130			
Toluene-d8 (Surr)	98		98	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-124030

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43461-B-4 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1248
Prep Date: 08/14/2012 1248
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 460-43461-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1311
Prep Date: 08/14/2012 1311
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	221	234
Dichlorodifluoromethane	0.22	U	200	200	216	200
Chloromethane	0.10	U	200	200	206	198
Vinyl chloride	0.14	U	200	200	210	207
Bromomethane	0.18	U	200	200	218	213
1,2-Dibromo-3-Chloropropane	0.40	U	200	200	193	210
1,2-Dichlorobenzene	0.21	U	200	200	209	215
Trichlorofluoromethane	0.15	U	200	200	228	211
1,1-Dichloroethene	0.090	U	200	200	298	F 313 F
1,2-Dichloropropane	0.090	U	200	200	220	224
1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	200	200	193	199
Acetone	54		200	200	331	355
Carbon disulfide	0.13	U	200	200	199	215
Methyl acetate	0.34	U	200	200	162	179
Methylene Chloride	0.18	U	200	200	246	F 253 F
trans-1,2-Dichloroethene	0.13	U	200	200	277	F 281 F
Chlorodibromomethane	0.20	U	200	200	207	219
Methyl tert-butyl ether	0.14	U	200	200	192	196
Chloroethane	0.17	U	200	200	192	198
1,1-Dichloroethane	0.13	U	200	200	229	241
cis-1,2-Dichloroethene	0.18	U	200	200	232	243 F
2-Butanone (MEK)	15		200	200	222	229
Chloroform	0.080	U	200	200	236	231
Ethylbenzene	55		200	200	291	296
Cyclohexane	45		200	200	241	247
Carbon tetrachloride	0.060	U	200	200	243	F 251 F
Benzene	71		200	200	313	328 F
1,2-Dichloroethane	0.19	U	200	200	226	229
Trichloroethene	0.090	U	200	200	238	250 F
Methylcyclohexane	11		200	200	214	221
Dichlorobromomethane	0.12	U	200	200	216	224
cis-1,3-Dichloropropene	0.18	U	200	200	209	223
4-Methyl-2-pentanone (MIBK)	0.99	U	200	200	189	201
Toluene	15		200	200	247	257 F
trans-1,3-Dichloropropene	0.24	U	200	200	214	221
1,1,2-Trichloroethane	0.19	U	200	200	199	214
Tetrachloroethene	0.10	U	200	200	256	270
2-Hexanone	0.50	U	200	200	199	197
1,2-Dibromoethane	0.28	U	200	200	216	224
Chlorobenzene	0.11	U	200	200	222	231
Xylenes, Total	2.2	J	600	600	677	702
Styrene	1.0		200	200	216	221
Bromoform	0.19	U	200	200	206	209

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-124030

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-43461-B-4 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1248
Prep Date: 08/14/2012 1248
Leach Date: N/A

MSD Lab Sample ID: 460-43461-B-4 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/14/2012 1311
Prep Date: 08/14/2012 1311
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	8.8		200	200	230	236
1,1,2,2-Tetrachloroethane	0.16	U	200	200	202	211
1,3-Dichlorobenzene	0.14	U	200	200	211	221
1,4-Dichlorobenzene	0.23	U	200	200	212	222
1,2,4-Trichlorobenzene	0.34	U	200	200	195	207

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

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
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-123657					
LCS 460-123657/3	Lab Control Sample	T	Water	8260B	
MB 460-123657/4	Method Blank	T	Water	8260B	
460-43346-B-4 MS	Matrix Spike	T	Water	8260B	
460-43346-B-4 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-43415-5	TB-17338-081012-231	T	Water	8260B	
Analysis Batch:460-123702					
LCS 460-123702/3	Lab Control Sample	T	Water	8260B	
MB 460-123702/4	Method Blank	T	Water	8260B	
460-43346-C-13 MS	Matrix Spike	T	Water	8260B	
460-43346-C-13 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-43415-1	WG-17338-081012-VASY-MM-227	T	Water	8260B	
460-43415-2	WG-17338-081012-VASY-MM-228	T	Water	8260B	
460-43415-4	WG-17338-081012-VASY-MM-230	T	Water	8260B	
Analysis Batch:460-124030					
LCS 460-124030/3	Lab Control Sample	T	Water	8260B	
MB 460-124030/5	Method Blank	T	Water	8260B	
460-43415-3	WG-17338-081012-VASY-MM-229	T	Water	8260B	
460-43461-B-4 MS	Matrix Spike	T	Water	8260B	
460-43461-B-4 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Laboratory Chronicle

Lab ID: 460-43415-1

Client ID: WG-17338-081012-VASY-MM-227

Sample Date/Time: 08/10/2012 09:45

Received Date/Time: 08/11/2012 11:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43415-C-1		460-123702		08/13/2012 07:28	1	TAL EDI	AT
A:8260B	460-43415-C-1		460-123702		08/13/2012 07:28	1	TAL EDI	AT

Lab ID: 460-43415-2

Client ID: WG-17338-081012-VASY-MM-228

Sample Date/Time: 08/10/2012 10:10

Received Date/Time: 08/11/2012 11:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43415-A-2		460-123702		08/13/2012 07:51	1	TAL EDI	AT
A:8260B	460-43415-A-2		460-123702		08/13/2012 07:51	1	TAL EDI	AT

Lab ID: 460-43415-3

Client ID: WG-17338-081012-VASY-MM-229

Sample Date/Time: 08/10/2012 10:25

Received Date/Time: 08/11/2012 11:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43415-C-3		460-124030		08/14/2012 11:15	1	TAL EDI	EM
A:8260B	460-43415-C-3		460-124030		08/14/2012 11:15	1	TAL EDI	EM

Lab ID: 460-43415-4

Client ID: WG-17338-081012-VASY-MM-230

Sample Date/Time: 08/10/2012 11:10

Received Date/Time: 08/11/2012 11:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43415-A-4		460-123702		08/13/2012 08:38	1	TAL EDI	AT
A:8260B	460-43415-A-4		460-123702		08/13/2012 08:38	1	TAL EDI	AT

Lab ID: 460-43415-5

Client ID: TB-17338-081012-231

Sample Date/Time: 08/08/2012 10:30

Received Date/Time: 08/11/2012 11:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43415-B-5		460-123657		08/12/2012 11:24	1	TAL EDI	AT
A:8260B	460-43415-B-5		460-123657		08/12/2012 11:24	1	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

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 460-123657/4		460-123657		08/12/2012 10:37	1	TAL EDI	AT
A:8260B	MB 460-123657/4		460-123657		08/12/2012 10:37	1	TAL EDI	AT
P:5030B	MB 460-123702/4		460-123702		08/13/2012 06:41	1	TAL EDI	AT
A:8260B	MB 460-123702/4		460-123702		08/13/2012 06:41	1	TAL EDI	AT
P:5030B	MB 460-124030/5		460-124030		08/14/2012 08:30	1	TAL EDI	EM
A:8260B	MB 460-124030/5		460-124030		08/14/2012 08:30	1	TAL EDI	EM

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 460-123657/3		460-123657		08/12/2012 09:18	1	TAL EDI	AT
A:8260B	LCS 460-123657/3		460-123657		08/12/2012 09:18	1	TAL EDI	AT
P:5030B	LCS 460-123702/3		460-123702		08/13/2012 05:08	1	TAL EDI	AT
A:8260B	LCS 460-123702/3		460-123702		08/13/2012 05:08	1	TAL EDI	AT
P:5030B	LCS 460-124030/3		460-124030		08/14/2012 06:57	1	TAL EDI	EM
A:8260B	LCS 460-124030/3		460-124030		08/14/2012 06:57	1	TAL EDI	EM

Lab ID: MS

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	460-43346-B-4 MS		460-123657		08/12/2012 15:41	10	TAL EDI	AT
A:8260B	460-43346-B-4 MS		460-123657		08/12/2012 15:41	10	TAL EDI	AT
P:5030B	460-43346-C-13 MS		460-123702		08/13/2012 09:02	10	TAL EDI	AT
A:8260B	460-43346-C-13 MS		460-123702		08/13/2012 09:02	10	TAL EDI	AT
P:5030B	460-43461-B-4 MS		460-124030		08/14/2012 12:48	10	TAL EDI	EM
A:8260B	460-43461-B-4 MS		460-124030		08/14/2012 12:48	10	TAL EDI	EM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Laboratory Chronicle

Lab ID: MSD

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	460-43346-B-4 MSD		460-123657		08/12/2012 16:04	10	TAL EDI	AT
A:8260B	460-43346-B-4 MSD		460-123657		08/12/2012 16:04	10	TAL EDI	AT
P:5030B	460-43346-C-13 MSD		460-123702		08/13/2012 09:25	10	TAL EDI	AT
A:8260B	460-43346-C-13 MSD		460-123702		08/13/2012 09:25	10	TAL EDI	AT
P:5030B	460-43461-B-4 MSD		460-124030		08/14/2012 13:11	10	TAL EDI	EM
A:8260B	460-43461-B-4 MSD		460-124030		08/14/2012 13:11	10	TAL EDI	EM

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.: 460-43415-1
 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-17338-081012-VA SY-MM-227	460-43415-1	105	103	103
WG-17338-081012-VA SY-MM-228	460-43415-2	116	101	101
WG-17338-081012-VA SY-MM-229	460-43415-3	106	99	100
WG-17338-081012-VA SY-MM-230	460-43415-4	114	105	106
TB-17338-081012-23 1	460-43415-5	103	96	97
	MB 460-123657/4	105	99	99
	MB 460-123702/4	104	99	100
	MB 460-124030/5	106	100	99
	LCS 460-123657/3	96	101	99
	LCS 460-123702/3	97	98	97
	LCS 460-124030/3	103	97	97
	460-43346-B-4 MS	109	103	101
	460-43346-C-13 MS	99	98	97
	460-43461-B-4 MS	103	98	99
	460-43346-B-4 MSD	99	100	98
	460-43346-C-13 MSD	101	100	100
	460-43461-B-4 MSD	98	98	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06639.d
 Lab ID: LCS 460-123657/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.6	98	74-128	
Dichlorodifluoromethane	20.0	19.8	99	46-145	
Chloromethane	20.0	20.6	103	58-146	
Vinyl chloride	20.0	19.6	98	61-144	
Bromomethane	20.0	20.1	101	55-153	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	70-116	
1,2-Dichlorobenzene	20.0	19.3	96	82-122	
Trichlorofluoromethane	20.0	20.2	101	69-147	
1,1-Dichloroethene	20.0	19.6	98	56-139	
1,2-Dichloropropane	20.0	19.2	96	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	20.3	102	47-139	
Acetone	20.0	18.4	92	45-156	
Carbon disulfide	20.0	27.5	138	58-139	
Methyl acetate	20.0	18.7	93	50-151	
Methylene Chloride	20.0	18.9	95	79-119	
trans-1,2-Dichloroethene	20.0	19.9	99	75-122	
Chlorodibromomethane	20.0	19.1	95	80-120	
Methyl tert-butyl ether	20.0	20.3	102	71-115	
Chloroethane	20.0	23.5	118	69-145	
1,1-Dichloroethane	20.0	19.7	98	78-122	
cis-1,2-Dichloroethene	20.0	19.8	99	80-120	
2-Butanone (MEK)	20.0	17.3	86	65-114	
Chloroform	20.0	18.3	92	82-123	
Ethylbenzene	20.0	19.3	96	79-126	
Cyclohexane	20.0	23.2	116	58-133	
Carbon tetrachloride	20.0	19.6	98	73-120	
Benzene	20.0	19.6	98	83-124	
1,2-Dichloroethane	20.0	19.2	96	74-118	
Trichloroethene	20.0	19.5	97	78-119	
Methylcyclohexane	20.0	22.2	111	61-129	
Dichlorobromomethane	20.0	19.4	97	79-119	
cis-1,3-Dichloropropene	20.0	19.5	98	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53-120	
Toluene	20.0	19.2	96	80-120	
trans-1,3-Dichloropropene	20.0	19.2	96	78-118	
1,1,2-Trichloroethane	20.0	19.4	97	79-119	
Tetrachloroethene	20.0	19.4	97	68-139	
2-Hexanone	20.0	16.8	84	53-121	
1,2-Dibromoethane	20.0	19.6	98	78-118	
Chlorobenzene	20.0	19.1	95	81-121	
Xylenes, Total	60.0	58.4	97	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06639.d
Lab ID: LCS 460-123657/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.5	97	69-112	
Bromoform	20.0	19.2	96	73-123	
Isopropylbenzene	20.0	19.6	98	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	74-126	
1,3-Dichlorobenzene	20.0	19.1	95	81-126	
1,4-Dichlorobenzene	20.0	19.4	97	83-123	
1,2,4-Trichlorobenzene	20.0	19.1	96	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06670.d
 Lab ID: LCS 460-123702/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.9	89	74-128	
Dichlorodifluoromethane	20.0	16.9	85	46-145	
Chloromethane	20.0	17.9	89	58-146	
Vinyl chloride	20.0	17.5	88	61-144	
Bromomethane	20.0	18.8	94	55-153	
1,2-Dibromo-3-Chloropropane	20.0	20.7	103	70-116	
1,2-Dichlorobenzene	20.0	19.5	97	82-122	
Trichlorofluoromethane	20.0	18.0	90	69-147	
1,1-Dichloroethene	20.0	18.6	93	56-139	
1,2-Dichloropropane	20.0	19.5	97	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	17.8	89	47-139	
Acetone	20.0	20.3	102	45-156	
Carbon disulfide	20.0	18.6	93	58-139	
Methyl acetate	20.0	20.5	102	50-151	
Methylene Chloride	20.0	19.7	98	79-119	
trans-1,2-Dichloroethene	20.0	18.3	91	75-122	
Chlorodibromomethane	20.0	19.9	99	80-120	
Methyl tert-butyl ether	20.0	19.3	97	71-115	
Chloroethane	20.0	20.5	103	69-145	
1,1-Dichloroethane	20.0	18.6	93	78-122	
cis-1,2-Dichloroethene	20.0	18.8	94	80-120	
2-Butanone (MEK)	20.0	19.4	97	65-114	
Chloroform	20.0	18.3	91	82-123	
Ethylbenzene	20.0	18.5	93	79-126	
Cyclohexane	20.0	17.3	87	58-133	
Carbon tetrachloride	20.0	18.0	90	73-120	
Benzene	20.0	19.0	95	83-124	
1,2-Dichloroethane	20.0	19.2	96	74-118	
Trichloroethene	20.0	18.4	92	78-119	
Methylcyclohexane	20.0	17.7	89	61-129	
Dichlorobromomethane	20.0	19.3	96	79-119	
cis-1,3-Dichloropropene	20.0	19.8	99	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	20.4	102	53-120	
Toluene	20.0	19.2	96	80-120	
trans-1,3-Dichloropropene	20.0	20.0	100	78-118	
1,1,2-Trichloroethane	20.0	20.3	102	79-119	
Tetrachloroethene	20.0	18.8	94	68-139	
2-Hexanone	20.0	21.9	109	53-121	
1,2-Dibromoethane	20.0	20.2	101	78-118	
Chlorobenzene	20.0	19.2	96	81-121	
Xylenes, Total	60.0	56.9	95	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06670.d
Lab ID: LCS 460-123702/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.2	96	69-112	
Bromoform	20.0	19.5	98	73-123	
Isopropylbenzene	20.0	18.6	93	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	74-126	
1,3-Dichlorobenzene	20.0	19.1	95	81-126	
1,4-Dichlorobenzene	20.0	19.1	95	83-123	
1,2,4-Trichlorobenzene	20.0	19.8	99	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06728.d
 Lab ID: LCS 460-124030/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	74-128	
Dichlorodifluoromethane	20.0	17.7	89	46-145	
Chloromethane	20.0	17.6	88	58-146	
Vinyl chloride	20.0	17.9	90	61-144	
Bromomethane	20.0	18.6	93	55-153	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	70-116	
1,2-Dichlorobenzene	20.0	18.3	92	82-122	
Trichlorofluoromethane	20.0	18.9	94	69-147	
1,1-Dichloroethene	20.0	22.5	113	56-139	
1,2-Dichloropropane	20.0	19.3	96	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	16.2	81	47-139	
Acetone	20.0	17.6	88	45-156	
Carbon disulfide	20.0	17.1	86	58-139	
Methyl acetate	20.0	17.8	89	50-151	
Methylene Chloride	20.0	20.9	105	79-119	
trans-1,2-Dichloroethene	20.0	23.4	117	75-122	
Chlorodibromomethane	20.0	18.3	91	80-120	
Methyl tert-butyl ether	20.0	17.1	86	71-115	
Chloroethane	20.0	16.8	84	69-145	
1,1-Dichloroethane	20.0	20.0	100	78-122	
cis-1,2-Dichloroethene	20.0	20.6	103	80-120	
2-Butanone (MEK)	20.0	18.4	92	65-114	
Chloroform	20.0	19.7	99	82-123	
Ethylbenzene	20.0	19.7	98	79-126	
Cyclohexane	20.0	15.9	79	58-133	
Carbon tetrachloride	20.0	20.2	101	73-120	
Benzene	20.0	20.8	104	83-124	
1,2-Dichloroethane	20.0	18.6	93	74-118	
Trichloroethene	20.0	21.0	105	78-119	
Methylcyclohexane	20.0	16.1	80	61-129	
Dichlorobromomethane	20.0	18.5	93	79-119	
cis-1,3-Dichloropropene	20.0	19.2	96	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	17.4	87	53-120	
Toluene	20.0	20.3	102	80-120	
trans-1,3-Dichloropropene	20.0	19.2	96	78-118	
1,1,2-Trichloroethane	20.0	18.8	94	79-119	
Tetrachloroethene	20.0	21.7	109	68-139	
2-Hexanone	20.0	17.5	87	53-121	
1,2-Dibromoethane	20.0	19.2	96	78-118	
Chlorobenzene	20.0	19.4	97	81-121	
Xylenes, Total	60.0	59.0	98	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06728.d
Lab ID: LCS 460-124030/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.2	96	69-112	
Bromoform	20.0	18.1	91	73-123	
Isopropylbenzene	20.0	19.1	96	80-125	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	74-126	
1,3-Dichlorobenzene	20.0	18.5	93	81-126	
1,4-Dichlorobenzene	20.0	18.7	93	83-123	
1,2,4-Trichlorobenzene	20.0	19.2	96	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06655.d
Lab ID: 460-43346-B-4 MS Client ID: _____

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	198	99	74-128	
Dichlorodifluoromethane	200	0.22 U	220	110	46-145	
Chloromethane	200	0.10 U	217	109	58-146	
Vinyl chloride	200	0.14 U	209	105	61-144	
Bromomethane	200	0.18 U	207	104	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	174	87	70-116	
1,2-Dichlorobenzene	200	0.21 U	181	90	82-122	
Trichlorofluoromethane	200	0.15 U	226	113	69-147	
1,1-Dichloroethene	200	0.090 U	213	106	56-139	
1,2-Dichloropropane	200	0.090 U	188	94	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	164	82	47-139	
Acetone	200	2.7 U	149	75	45-156	
Carbon disulfide	200	0.13 U	140	70	58-139	
Methyl acetate	200	0.34 U	146	73	50-151	
Methylene Chloride	200	0.18 U	191	96	79-119	
trans-1,2-Dichloroethene	200	0.13 U	193	97	75-122	
Chlorodibromomethane	200	0.20 U	188	94	80-120	
Methyl tert-butyl ether	200	0.14 U	178	89	71-115	
Chloroethane	200	0.17 U	232	116	69-145	
1,1-Dichloroethane	200	0.13 U	199	99	78-122	
cis-1,2-Dichloroethene	200	0.18 U	195	97	80-120	
2-Butanone (MEK)	200	2.3 U	151	75	65-114	
Chloroform	200	0.080 U	184	92	82-123	
Ethylbenzene	200	9.2	193	92	79-126	
Cyclohexane	200	3.2	155	76	58-133	
Carbon tetrachloride	200	0.060 U	198	99	73-120	
Benzene	200	0.22 U	186	93	83-124	
1,2-Dichloroethane	200	0.19 U	198	99	74-118	
Trichloroethene	200	0.090 U	190	95	78-119	
Methylcyclohexane	200	4.2	158	77	61-129	
Dichlorobromomethane	200	0.12 U	198	99	79-119	
cis-1,3-Dichloropropene	200	0.18 U	179	89	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	161	80	53-120	
Toluene	200	3.3	185	91	80-120	
trans-1,3-Dichloropropene	200	0.24 U	179	90	78-118	
1,1,2-Trichloroethane	200	0.19 U	181	90	79-119	
Tetrachloroethene	200	0.10 U	184	92	68-139	
2-Hexanone	200	0.50 U	156	78	53-121	
1,2-Dibromoethane	200	0.28 U	184	92	78-118	
Chlorobenzene	200	0.11 U	188	94	81-121	
Xylenes, Total	600	38	589	92	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06655.d
 Lab ID: 460-43346-B-4 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	0.12 U	183	92	69-112	
Bromoform	200	0.19 U	190	95	73-123	
Isopropylbenzene	200	0.96 J	187	93	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	176	88	74-126	
1,3-Dichlorobenzene	200	0.14 U	181	91	81-126	
1,4-Dichlorobenzene	200	0.23 U	183	92	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	165	82	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06680.d
 Lab ID: 460-43346-C-13 MS Client ID: _____

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	193	96	74-128	
Dichlorodifluoromethane	200	0.22 U	215	107	46-145	
Chloromethane	200	0.10 U	214	107	58-146	
Vinyl chloride	200	0.14 U	222	111	61-144	
Bromomethane	200	0.18 U	214	107	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	202	101	70-116	
1,2-Dichlorobenzene	200	0.21 U	197	98	82-122	
Trichlorofluoromethane	200	0.15 U	229	115	69-147	
1,1-Dichloroethene	200	0.090 U	218	109	56-139	
1,2-Dichloropropane	200	0.090 U	206	103	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	169	84	47-139	
Acetone	200	2.7 U	140	70	45-156	
Carbon disulfide	200	0.72 J	96.5	48	58-139	F
Methyl acetate	200	0.34 U	171	86	50-151	
Methylene Chloride	200	0.18 U	201	100	79-119	
trans-1,2-Dichloroethene	200	0.13 U	191	96	75-122	
Chlorodibromomethane	200	0.20 U	201	101	80-120	
Methyl tert-butyl ether	200	0.14 U	182	91	71-115	
Chloroethane	200	0.17 U	227	113	69-145	
1,1-Dichloroethane	200	0.13 U	200	100	78-122	
cis-1,2-Dichloroethene	200	0.18 U	214	107	80-120	
2-Butanone (MEK)	200	2.3 U	188	94	65-114	
Chloroform	200	0.080 U	200	100	82-123	
Ethylbenzene	200	0.10 U	203	102	79-126	
Cyclohexane	200	0.44 J	140	70	58-133	
Carbon tetrachloride	200	0.060 U	200	100	73-120	
Benzene	200	0.13 J	200	100	83-124	
1,2-Dichloroethane	200	0.19 U	200	100	74-118	
Trichloroethene	200	0.090 U	197	99	78-119	
Methylcyclohexane	200	0.73 J	143	71	61-129	
Dichlorobromomethane	200	0.12 U	203	101	79-119	
cis-1,3-Dichloropropene	200	0.18 U	193	96	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	207	104	53-120	
Toluene	200	0.15 U	200	100	80-120	
trans-1,3-Dichloropropene	200	0.24 U	198	99	78-118	
1,1,2-Trichloroethane	200	0.19 U	198	99	79-119	
Tetrachloroethene	200	0.10 U	198	99	68-139	
2-Hexanone	200	0.50 U	202	101	53-121	
1,2-Dibromoethane	200	0.28 U	204	102	78-118	
Chlorobenzene	200	0.11 U	199	100	81-121	
Xylenes, Total	600	0.36 U	584	97	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06680.d
 Lab ID: 460-43346-C-13 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	0.12 U	193	96	69-112	
Bromoform	200	0.19 U	201	100	73-123	
Isopropylbenzene	200	0.080 U	194	97	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	206	103	74-126	
1,3-Dichlorobenzene	200	0.14 U	194	97	81-126	
1,4-Dichlorobenzene	200	0.23 U	194	97	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	190	95	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06743.d
Lab ID: 460-43461-B-4 MS Client ID: _____

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	221	111	74-128	
Dichlorodifluoromethane	200	0.22 U	216	108	46-145	
Chloromethane	200	0.10 U	206	103	58-146	
Vinyl chloride	200	0.14 U	210	105	61-144	
Bromomethane	200	0.18 U	218	109	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	193	96	70-116	
1,2-Dichlorobenzene	200	0.21 U	209	104	82-122	
Trichlorofluoromethane	200	0.15 U	228	114	69-147	
1,1-Dichloroethene	200	0.090 U	298	149	56-139	F
1,2-Dichloropropane	200	0.090 U	220	110	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	193	96	47-139	
Acetone	200	54	331	139	45-156	
Carbon disulfide	200	0.13 U	199	100	58-139	
Methyl acetate	200	0.34 U	162	81	50-151	
Methylene Chloride	200	0.18 U	246	123	79-119	F
trans-1,2-Dichloroethene	200	0.13 U	277	138	75-122	F
Chlorodibromomethane	200	0.20 U	207	104	80-120	
Methyl tert-butyl ether	200	0.14 U	192	96	71-115	
Chloroethane	200	0.17 U	192	96	69-145	
1,1-Dichloroethane	200	0.13 U	229	114	78-122	
cis-1,2-Dichloroethene	200	0.18 U	232	116	80-120	
2-Butanone (MEK)	200	15	222	103	65-114	
Chloroform	200	0.080 U	236	118	82-123	
Ethylbenzene	200	55	291	118	79-126	
Cyclohexane	200	45	241	98	58-133	
Carbon tetrachloride	200	0.060 U	243	121	73-120	F
Benzene	200	71	313	121	83-124	
1,2-Dichloroethane	200	0.19 U	226	113	74-118	
Trichloroethene	200	0.090 U	238	119	78-119	
Methylcyclohexane	200	11	214	102	61-129	
Dichlorobromomethane	200	0.12 U	216	108	79-119	
cis-1,3-Dichloropropene	200	0.18 U	209	105	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	189	95	53-120	
Toluene	200	15	247	116	80-120	
trans-1,3-Dichloropropene	200	0.24 U	214	107	78-118	
1,1,2-Trichloroethane	200	0.19 U	199	99	79-119	
Tetrachloroethene	200	0.10 U	256	128	68-139	
2-Hexanone	200	0.50 U	199	99	53-121	
1,2-Dibromoethane	200	0.28 U	216	108	78-118	
Chlorobenzene	200	0.11 U	222	111	81-121	
Xylenes, Total	600	2.2 J	677	113	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06743.d
 Lab ID: 460-43461-B-4 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	1.0	216	107	69-112	
Bromoform	200	0.19 U	206	103	73-123	
Isopropylbenzene	200	8.8	230	111	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	202	101	74-126	
1,3-Dichlorobenzene	200	0.14 U	211	106	81-126	
1,4-Dichlorobenzene	200	0.23 U	212	106	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	195	98	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06656.d
 Lab ID: 460-43346-B-4 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	199	100	1	30	74-128	
Dichlorodifluoromethane	200	217	109	1	30	46-145	
Chloromethane	200	222	111	2	30	58-146	
Vinyl chloride	200	210	105	0	30	61-144	
Bromomethane	200	212	106	2	30	55-153	
1,2-Dibromo-3-Chloropropane	200	187	93	7	30	70-116	
1,2-Dichlorobenzene	200	187	94	4	30	82-122	
Trichlorofluoromethane	200	230	115	2	30	69-147	
1,1-Dichloroethene	200	215	108	1	30	56-139	
1,2-Dichloropropane	200	190	95	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	166	83	1	30	47-139	
Acetone	200	180	90	19	30	45-156	
Carbon disulfide	200	147	73	5	30	58-139	
Methyl acetate	200	152	76	3	30	50-151	
Methylene Chloride	200	197	98	3	30	79-119	
trans-1,2-Dichloroethene	200	199	100	3	30	75-122	
Chlorodibromomethane	200	193	97	3	30	80-120	
Methyl tert-butyl ether	200	178	89	0	30	71-115	
Chloroethane	200	219	110	6	30	69-145	
1,1-Dichloroethane	200	197	98	1	30	78-122	
cis-1,2-Dichloroethene	200	197	99	1	30	80-120	
2-Butanone (MEK)	200	164	82	8	30	65-114	
Chloroform	200	190	95	3	30	82-123	
Ethylbenzene	200	200	95	3	30	79-126	
Cyclohexane	200	159	78	2	30	58-133	
Carbon tetrachloride	200	201	101	1	30	73-120	
Benzene	200	193	97	4	30	83-124	
1,2-Dichloroethane	200	201	101	1	30	74-118	
Trichloroethene	200	189	94	0	30	78-119	
Methylcyclohexane	200	161	78	1	30	61-129	
Dichlorobromomethane	200	200	100	1	30	79-119	
cis-1,3-Dichloropropene	200	183	92	3	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	164	82	2	30	53-120	
Toluene	200	189	93	2	30	80-120	
trans-1,3-Dichloropropene	200	185	93	3	30	78-118	
1,1,2-Trichloroethane	200	185	93	3	30	79-119	
Tetrachloroethene	200	193	96	5	30	68-139	
2-Hexanone	200	159	80	2	30	53-121	
1,2-Dibromoethane	200	185	93	1	30	78-118	
Chlorobenzene	200	192	96	2	30	81-121	
Xylenes, Total	600	603	94	2	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06656.d
 Lab ID: 460-43346-B-4 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	188	94	3	30	69-112	
Bromoform	200	193	97	2	30	73-123	
Isopropylbenzene	200	191	95	2	30	80-125	
1,1,2,2-Tetrachloroethane	200	179	89	2	30	74-126	
1,3-Dichlorobenzene	200	185	92	2	30	81-126	
1,4-Dichlorobenzene	200	189	95	3	30	83-123	
1,2,4-Trichlorobenzene	200	179	89	8	30	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06681.d
 Lab ID: 460-43346-C-13 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	194	97	0	30	74-128	
Dichlorodifluoromethane	200	215	108	0	30	46-145	
Chloromethane	200	213	106	0	30	58-146	
Vinyl chloride	200	215	108	3	30	61-144	
Bromomethane	200	216	108	1	30	55-153	
1,2-Dibromo-3-Chloropropane	200	227	113	12	30	70-116	
1,2-Dichlorobenzene	200	204	102	4	30	82-122	
Trichlorofluoromethane	200	225	112	2	30	69-147	
1,1-Dichloroethene	200	225	112	3	30	56-139	
1,2-Dichloropropane	200	204	102	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	168	84	0	30	47-139	
Acetone	200	230	115	49	30	45-156	F
Carbon disulfide	200	100	50	4	30	58-139	F
Methyl acetate	200	189	95	10	30	50-151	
Methylene Chloride	200	208	104	3	30	79-119	
trans-1,2-Dichloroethene	200	199	99	4	30	75-122	
Chlorodibromomethane	200	208	104	3	30	80-120	
Methyl tert-butyl ether	200	188	94	3	30	71-115	
Chloroethane	200	236	118	4	30	69-145	
1,1-Dichloroethane	200	200	100	0	30	78-122	
cis-1,2-Dichloroethene	200	213	106	0	30	80-120	
2-Butanone (MEK)	200	186	93	1	30	65-114	
Chloroform	200	200	100	0	30	82-123	
Ethylbenzene	200	201	101	1	30	79-126	
Cyclohexane	200	141	70	0	30	58-133	
Carbon tetrachloride	200	203	102	1	30	73-120	
Benzene	200	201	100	1	30	83-124	
1,2-Dichloroethane	200	206	103	3	30	74-118	
Trichloroethene	200	204	102	3	30	78-119	
Methylcyclohexane	200	145	72	2	30	61-129	
Dichlorobromomethane	200	209	104	3	30	79-119	
cis-1,3-Dichloropropene	200	202	101	5	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	213	106	3	30	53-120	
Toluene	200	203	102	2	30	80-120	
trans-1,3-Dichloropropene	200	210	105	6	30	78-118	
1,1,2-Trichloroethane	200	212	106	7	30	79-119	
Tetrachloroethene	200	202	101	2	30	68-139	
2-Hexanone	200	232	116	14	30	53-121	
1,2-Dibromoethane	200	210	105	3	30	78-118	
Chlorobenzene	200	206	103	4	30	81-121	
Xylenes, Total	600	595	99	2	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06681.d
 Lab ID: 460-43346-C-13 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	199	100	3	30	69-112	
Bromoform	200	209	104	4	30	73-123	
Isopropylbenzene	200	199	99	3	30	80-125	
1,1,2,2-Tetrachloroethane	200	217	109	5	30	74-126	
1,3-Dichlorobenzene	200	200	100	3	30	81-126	
1,4-Dichlorobenzene	200	203	102	5	30	83-123	
1,2,4-Trichlorobenzene	200	206	103	8	30	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.: 460-43415-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06744.d
Lab ID: 460-43461-B-4 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	234	117	5	30	74-128	
Dichlorodifluoromethane	200	200	100	8	30	46-145	
Chloromethane	200	198	99	4	30	58-146	
Vinyl chloride	200	207	103	1	30	61-144	
Bromomethane	200	213	107	2	30	55-153	
1,2-Dibromo-3-Chloropropane	200	210	105	8	30	70-116	
1,2-Dichlorobenzene	200	215	107	3	30	82-122	
Trichlorofluoromethane	200	211	105	8	30	69-147	
1,1-Dichloroethene	200	313	156	5	30	56-139	F
1,2-Dichloropropane	200	224	112	2	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	199	99	3	30	47-139	
Acetone	200	355	151	7	30	45-156	
Carbon disulfide	200	215	108	8	30	58-139	
Methyl acetate	200	179	89	10	30	50-151	
Methylene Chloride	200	253	126	3	30	79-119	F
trans-1,2-Dichloroethene	200	281	140	1	30	75-122	F
Chlorodibromomethane	200	219	109	6	30	80-120	
Methyl tert-butyl ether	200	196	98	2	30	71-115	
Chloroethane	200	198	99	3	30	69-145	
1,1-Dichloroethane	200	241	121	5	30	78-122	
cis-1,2-Dichloroethene	200	243	121	5	30	80-120	F
2-Butanone (MEK)	200	229	107	3	30	65-114	
Chloroform	200	231	115	2	30	82-123	
Ethylbenzene	200	296	120	2	30	79-126	
Cyclohexane	200	247	101	3	30	58-133	
Carbon tetrachloride	200	251	126	3	30	73-120	F
Benzene	200	328	128	5	30	83-124	F
1,2-Dichloroethane	200	229	115	2	30	74-118	
Trichloroethene	200	250	125	5	30	78-119	F
Methylcyclohexane	200	221	105	3	30	61-129	
Dichlorobromomethane	200	224	112	4	30	79-119	
cis-1,3-Dichloropropene	200	223	111	6	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	201	101	6	30	53-120	
Toluene	200	257	121	4	30	80-120	F
trans-1,3-Dichloropropene	200	221	110	3	30	78-118	
1,1,2-Trichloroethane	200	214	107	7	30	79-119	
Tetrachloroethene	200	270	135	5	30	68-139	
2-Hexanone	200	197	99	1	30	53-121	
1,2-Dibromoethane	200	224	112	4	30	78-118	
Chlorobenzene	200	231	116	4	30	81-121	
Xylenes, Total	600	702	117	4	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.: 460-43415-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06744.d
 Lab ID: 460-43461-B-4 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	221	110	3	30	69-112	
Bromoform	200	209	105	1	30	73-123	
Isopropylbenzene	200	236	114	3	30	80-125	
1,1,2,2-Tetrachloroethane	200	211	105	4	30	74-126	
1,3-Dichlorobenzene	200	221	110	4	30	81-126	
1,4-Dichlorobenzene	200	222	111	5	30	83-123	
1,2,4-Trichlorobenzene	200	207	103	6	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.: 460-43415-1
SDG No.: _____
Lab File ID: e06642.d Lab Sample ID: MB 460-123657/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/12/2012 10:37
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 460-123657/3	e06639.d	08/12/2012 09:18
TB-17338-081012-231	460-43415-5	e06644.d	08/12/2012 11:24
	460-43346-B-4 MS	e06655.d	08/12/2012 15:41
	460-43346-B-4 MSD	e06656.d	08/12/2012 16:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Lab File ID: e06674.d Lab Sample ID: MB 460-123702/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/13/2012 06:41
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 460-123702/3	e06670.d	08/13/2012 05:08
WG-17338-081012-VASY-MM-227	460-43415-1	e06676.d	08/13/2012 07:28
WG-17338-081012-VASY-MM-228	460-43415-2	e06677.d	08/13/2012 07:51
WG-17338-081012-VASY-MM-230	460-43415-4	e06679.d	08/13/2012 08:38
	460-43346-C-13 MS	e06680.d	08/13/2012 09:02
	460-43346-C-13 MSD	e06681.d	08/13/2012 09:25

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Lab File ID: e06732.d Lab Sample ID: MB 460-124030/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/14/2012 08:30
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 460-124030/3	e06728.d	08/14/2012 06:57
WG-17338-081012-VASY-MM-229	460-43415-3	e06739.d	08/14/2012 11:15
	460-43461-B-4 MS	e06743.d	08/14/2012 12:48
	460-43461-B-4 MSD	e06744.d	08/14/2012 13:11

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Lab File ID: e05997.d BFB Injection Date: 07/30/2012
Instrument ID: VOAMS5 BFB Injection Time: 03:47
Analysis Batch No.: 121792

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.8
75	30.0 - 60.0 % of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.5 (0.5) 1
174	50.0 - 120.00 % of mass 95	99.7
175	5.0 - 9.0 % of mass 174	6.9 (6.9) 1
176	95.0 - 101.0 % of mass 174	97.6 (97.8) 1
177	5.0 - 9.0 % of mass 176	6.0 (6.2) 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
	ICIS 460-121792/2	e05999.d	07/30/2012	04:34
	IC 460-121792/3	e06003.d	07/30/2012	06:31
	IC 460-121792/4	e06004.d	07/30/2012	06:55
	IC 460-121792/5	e06005.d	07/30/2012	07:18
	IC 460-121792/6	e06009.d	07/30/2012	08:52
	IC 460-121792/7	e06010.d	07/30/2012	09:39

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab File ID: e06636.d BFB Injection Date: 08/12/2012
 Instrument ID: VOAMS5 BFB Injection Time: 07:30
 Analysis Batch No.: 123657

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.8
75	30.0 - 60.0 % of mass 95	53.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	92.2
175	5.0 - 9.0 % of mass 174	7.3 (7.9) 1
176	95.0 - 101.0 % of mass 174	92.3 (100.1) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.1) 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 460-123657/2	e06637.d	08/12/2012	08:31
	LCS 460-123657/3	e06639.d	08/12/2012	09:18
	MB 460-123657/4	e06642.d	08/12/2012	10:37
TB-17338-081012-231	460-43415-5	e06644.d	08/12/2012	11:24
	460-43346-B-4 MS	e06655.d	08/12/2012	15:41
	460-43346-B-4 MSD	e06656.d	08/12/2012	16:04
	CCV 460-123657/21	e06667.d	08/12/2012	20:20

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Lab File ID: e06668.d BFB Injection Date: 08/13/2012
Instrument ID: VOAMS5 BFB Injection Time: 03:54
Analysis Batch No.: 123702

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.5 (0.6) 1
174	50.0 - 120.00 % of mass 95	98.5
175	5.0 - 9.0 % of mass 174	7.8 (7.9) 1
176	95.0 - 101.0 % of mass 174	93.6 (95.0) 1
177	5.0 - 9.0 % of mass 176	6.4 (6.9) 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 460-123702/2	e06669.d	08/13/2012	04:45
	LCS 460-123702/3	e06670.d	08/13/2012	05:08
	MB 460-123702/4	e06674.d	08/13/2012	06:41
WG-17338-081012-VASY-MM-227	460-43415-1	e06676.d	08/13/2012	07:28
WG-17338-081012-VASY-MM-228	460-43415-2	e06677.d	08/13/2012	07:51
WG-17338-081012-VASY-MM-230	460-43415-4	e06679.d	08/13/2012	08:38
	460-43346-C-13 MS	e06680.d	08/13/2012	09:02
	460-43346-C-13 MSD	e06681.d	08/13/2012	09:25
	CCV 460-123702/18	e06699.d	08/13/2012	16:25

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab File ID: e06726.d BFB Injection Date: 08/14/2012
 Instrument ID: VOAMS5 BFB Injection Time: 05:02
 Analysis Batch No.: 124030

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.4
75	30.0 - 60.0 % of mass 95	51.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	50.0 - 120.00 % of mass 95	90.4
175	5.0 - 9.0 % of mass 174	7.9 (8.7) 1
176	95.0 - 101.0 % of mass 174	89.1 (98.6) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.6) 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 460-124030/2	e06727.d	08/14/2012	05:35
	LCS 460-124030/3	e06728.d	08/14/2012	06:57
	MB 460-124030/5	e06732.d	08/14/2012	08:30
WG-17338-081012-VASY-MM-229	460-43415-3	e06739.d	08/14/2012	11:15
	460-43461-B-4 MS	e06743.d	08/14/2012	12:48
	460-43461-B-4 MSD	e06744.d	08/14/2012	13:11
	CCV 460-124030/15	e06755.d	08/14/2012	17:27

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Sample No.: CCVIS 460-123657/2 Date Analyzed: 08/12/2012 08:31
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06637.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		818990	3.60	716850	6.95	430966	10.47
UPPER LIMIT		1637980	4.10	1433700	7.45	861932	10.97
LOWER LIMIT		409495	3.10	358425	6.45	215483	9.97
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-123657/3		799284	3.60	689789	6.95	428889	10.47
MB 460-123657/4		737535	3.59	638705	6.95	402514	10.47
460-43415-5		TB-17338-081012-231	720894	3.59	633267	6.95	393067
460-43346-B-4 MS		695018	3.60	611386	6.95	387161	10.47
460-43346-B-4 MSD		709428	3.59	622647	6.95	392928	10.47
CCV 460-123657/21		729875	3.59	629820	6.95	392031	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.: 460-43415-1
 SDG No.: _____
 Sample No.: CCVIS 460-123702/2 Date Analyzed: 08/13/2012 04:45
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06669.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		725479	3.59	642344	6.95	405040	10.47
UPPER LIMIT		1450958	4.09	1284688	7.45	810080	10.97
LOWER LIMIT		362740	3.09	321172	6.45	202520	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123702/3		750546	3.59	647666	6.95	404851	10.47
MB 460-123702/4		696291	3.59	605860	6.95	378247	10.47
460-43415-1	WG-17338-081012-VASY-MM-227	672314	3.59	587836	6.95	376977	10.47
460-43415-2	WG-17338-081012-VASY-MM-228	692758	3.60	602748	6.95	382636	10.47
460-43415-4	WG-17338-081012-VASY-MM-230	666553	3.60	588848	6.95	374435	10.47
460-43346-C-13 MS		705483	3.59	619664	6.95	393600	10.47
460-43346-C-13 MSD		693396	3.59	607390	6.95	383474	10.47
CCV 460-123702/18		813256	3.60	709051	6.95	438199	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.: 460-43415-1
 SDG No.: _____
 Sample No.: CCVIS 460-124030/2 Date Analyzed: 08/14/2012 05:35
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06727.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		746953	3.59	642449	6.95	407904	10.47
UPPER LIMIT		1493906	4.09	1284898	7.45	815808	10.97
LOWER LIMIT		373477	3.09	321225	6.45	203952	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-124030/3		727585	3.59	638793	6.95	405596	10.47
MB 460-124030/5		713233	3.60	611762	6.95	380455	10.47
460-43415-3	WG-17338-081012-VASY-MM-229	654900	3.60	596909	6.95	387100	10.47
460-43461-B-4 MS		664614	3.60	595053	6.95	380481	10.47
460-43461-B-4 MSD		720690	3.59	629337	6.95	392192	10.47
CCV 460-124030/15		733852	3.59	643515	6.95	404045	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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-1
 Matrix: Water Lab File ID: e06676.d
 Analysis Method: 8260B Date Collected: 08/10/2012 09:45
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:28
 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.: 123702 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	0.79	J	1.0	0.10
110-82-7	Cyclohexane	4.5		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	41		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	1.9		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	1.0		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-1
 Matrix: Water Lab File ID: e06676.d
 Analysis Method: 8260B Date Collected: 08/10/2012 09:45
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:28
 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.: 123702 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	2.1	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	28		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)	105		70-130
460-00-4	4-Bromofluorobenzene	103		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.: 460-43415-1
SDG No.: _____
Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-1
Matrix: Water Lab File ID: e06676.d
Analysis Method: 8260B Date Collected: 08/10/2012 09:45
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:28
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.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 181.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	13	J
	C5H12 Alkane	1.20	22	J
	C6H14 Alkane	1.52	10	J
	C6H14 Alkane-1	1.73	20	J
	C6H10 Cycloalkene	3.12	16	J
	Ethyl dimethylbenzene isomer	11.59	7.1	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	54	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	16	J
	Tetramethylbenzene isomer	12.61	16	J
	2,3-dihydro-dimethyl-1H-Indene isomer	12.87	7.7	J

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06676.d
 Report Date: 14-Aug-2012 11:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06676.d
 Lab Smp Id: 460-43415-C-1
 Inj Date : 13-AUG-2012 07:28
 Operator : GC/MS VOAMS5
 Smp Info : 460-43415-C-1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 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	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
44 Cyclohexane	56	2.784	2.778	(0.774)	23097		4.50577	4.5
48 Benzene	78	3.260	3.254	(0.469)	487692		40.6634	41
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	198822		52.5329	52
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	672314		50.0000	
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	10449		1.87988	1.9
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	663286		51.4255	51
66 Toluene	91	5.162	5.162	(0.742)	16690		1.04300	1.0
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	587836		50.0000	
81 Ethylbenzene	106	7.064	7.064	(1.016)	4719		0.78685	0.79(a)
82 m+p-Xylene	106	7.277	7.277	(1.046)	13059		1.64146	1.6
84 o-Xylene	106	7.862	7.862	(1.131)	3364		0.43197	0.43(a)
88 Isopropylbenzene	105	8.350	8.350	(1.201)	557602		28.0540	28
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	322260		51.4831	51
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	376977		50.0000	
M 121 Xylene (Total)	100				16423		2.07343	2.1(a)

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06676.d
Report Date: 14-Aug-2012 11:11

QC Flag Legend

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

Data File: e06676.d

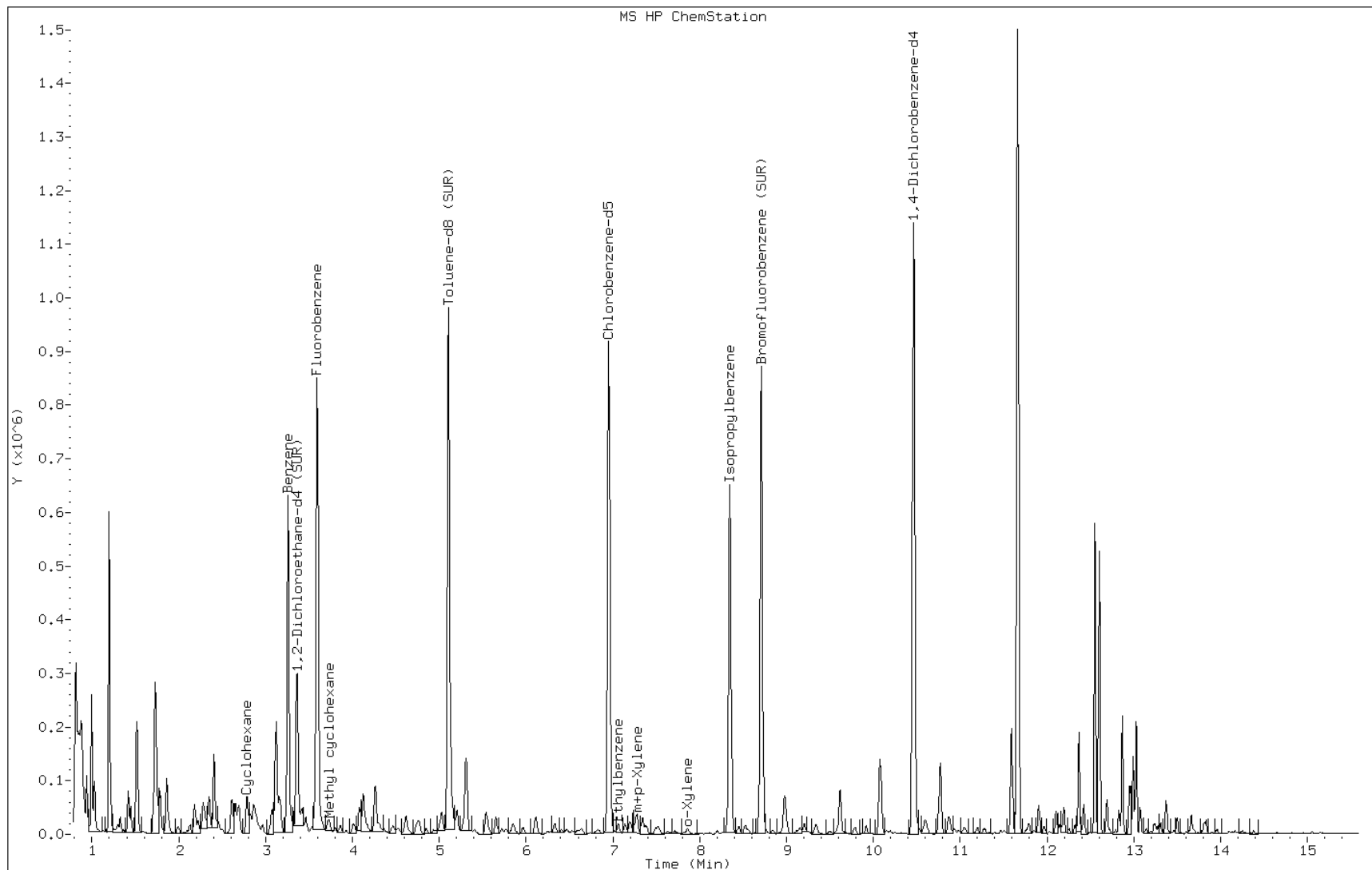
Date: 13-AUG-2012 07:28

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5



Data File: e06676.d

Date: 13-AUG-2012 07:28

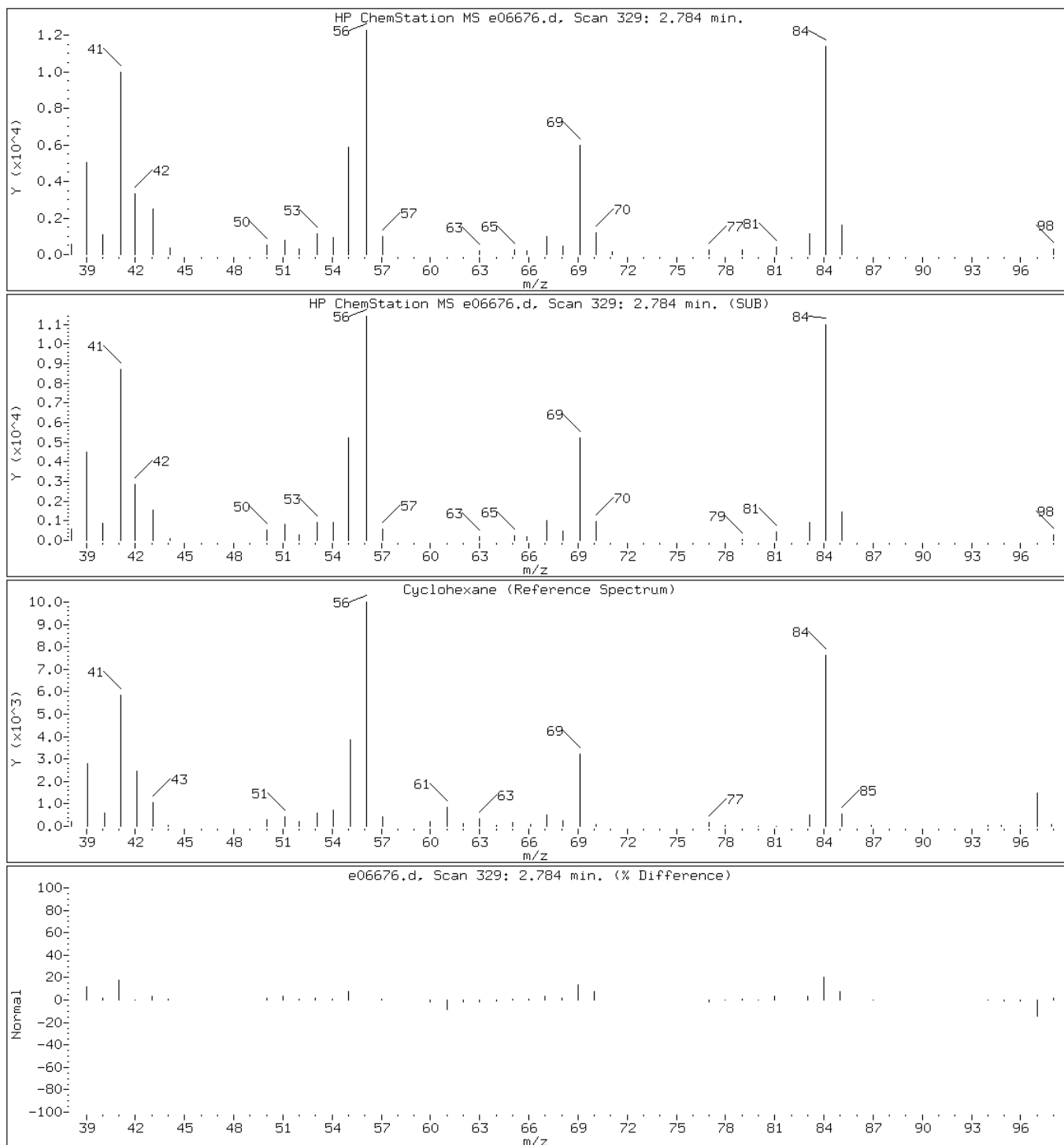
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06676.d

Date: 13-AUG-2012 07:28

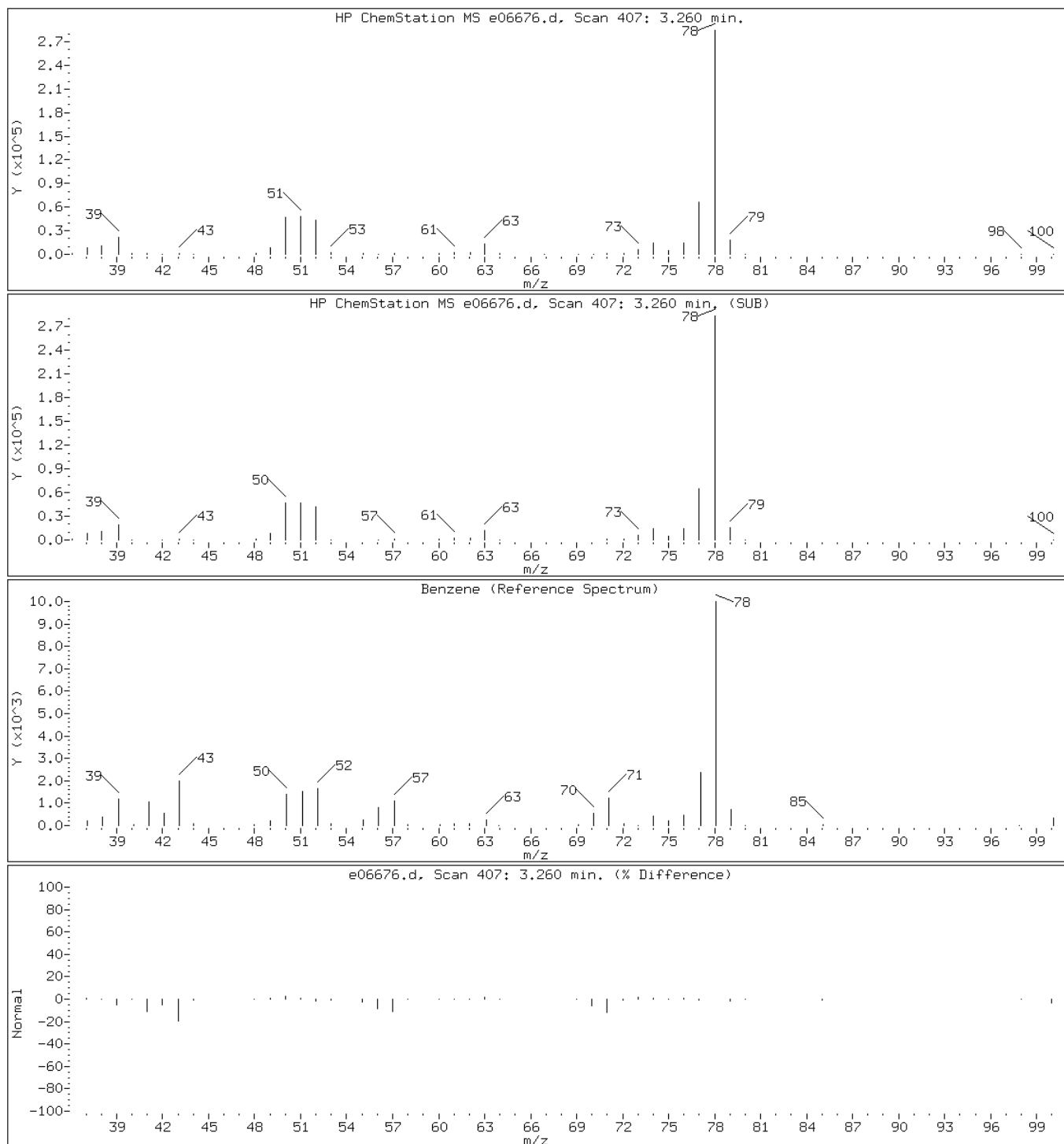
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06676.d

Date: 13-AUG-2012 07:28

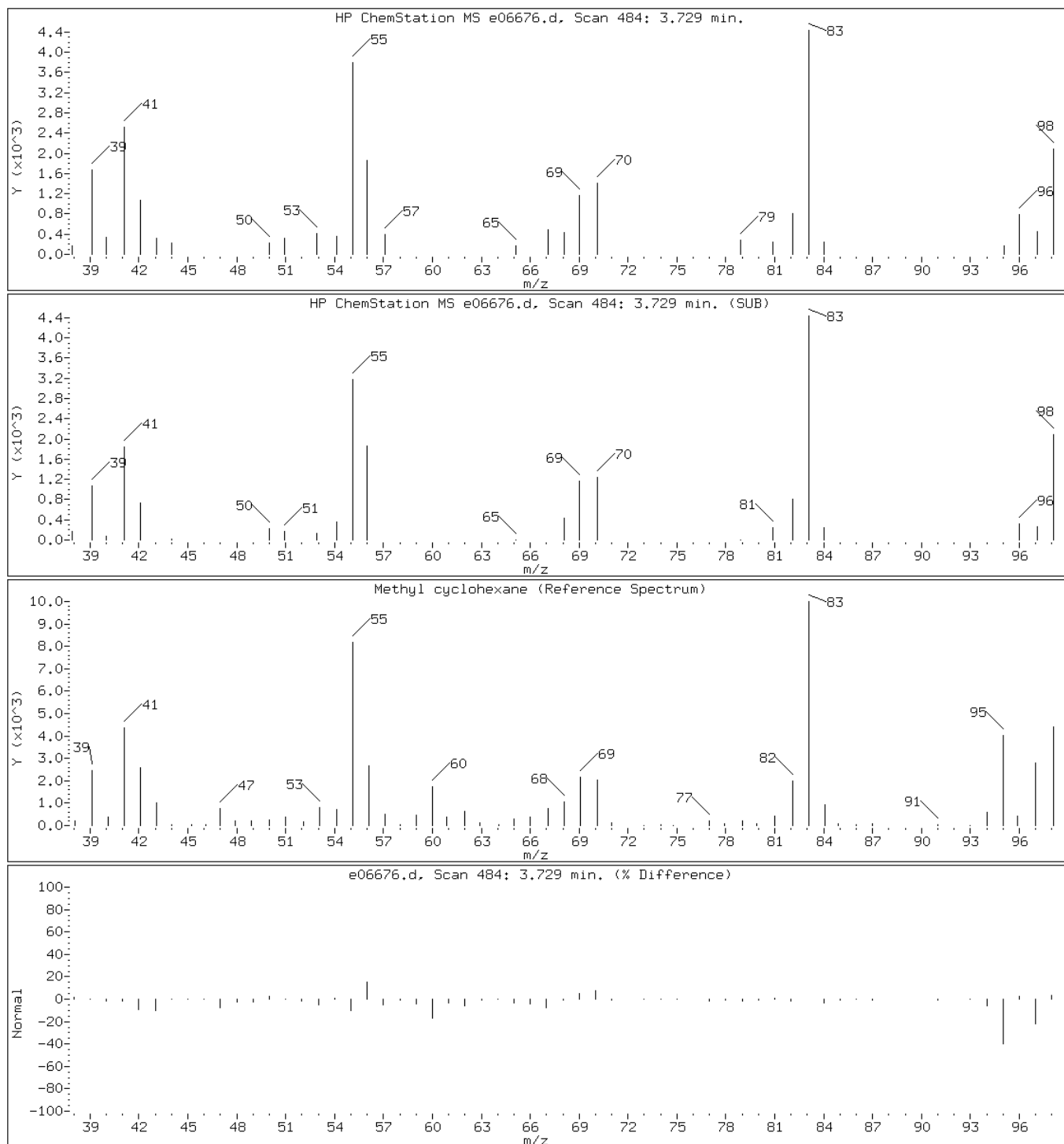
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06676.d

Date: 13-AUG-2012 07:28

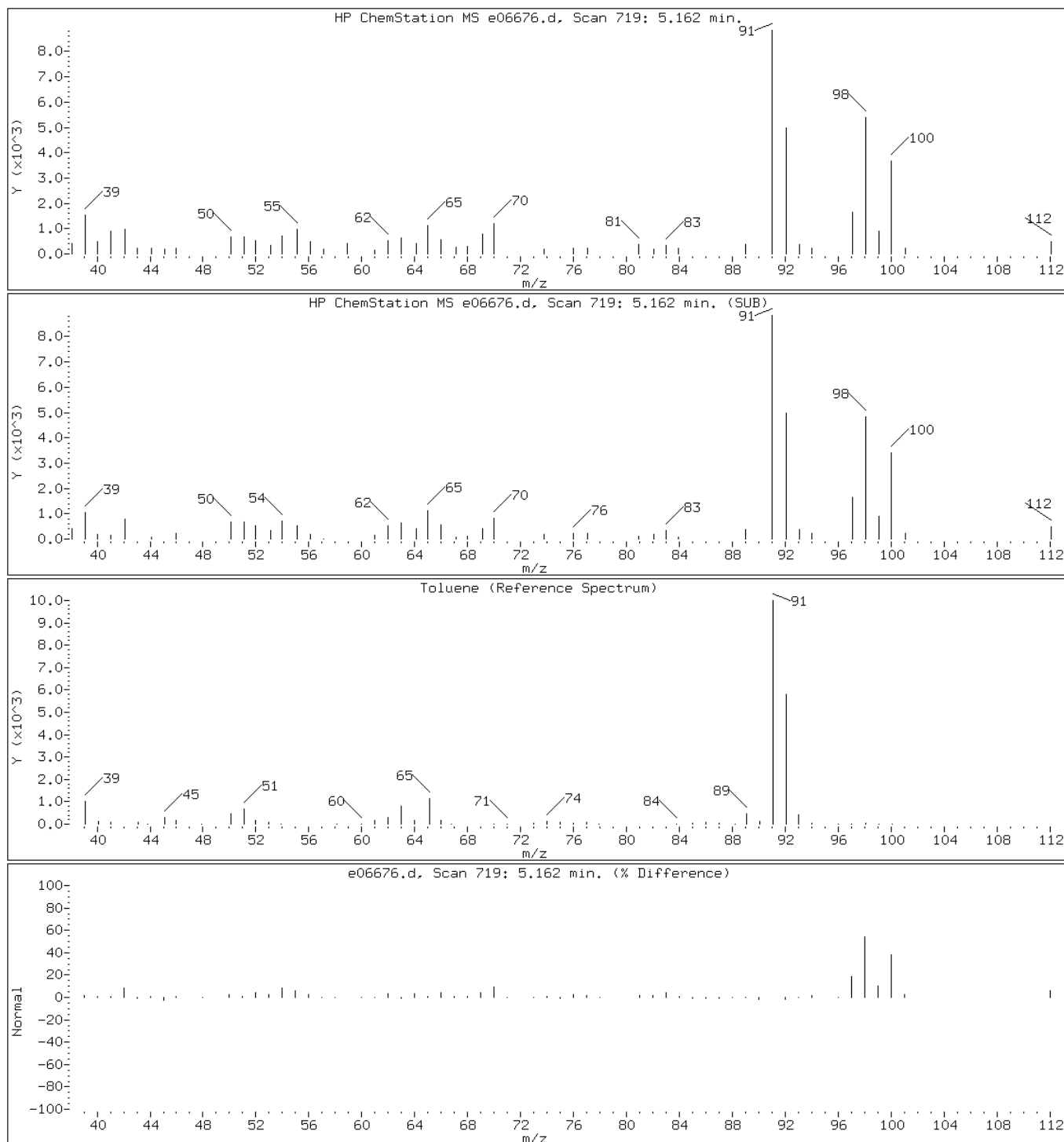
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06676.d

Date: 13-AUG-2012 07:28

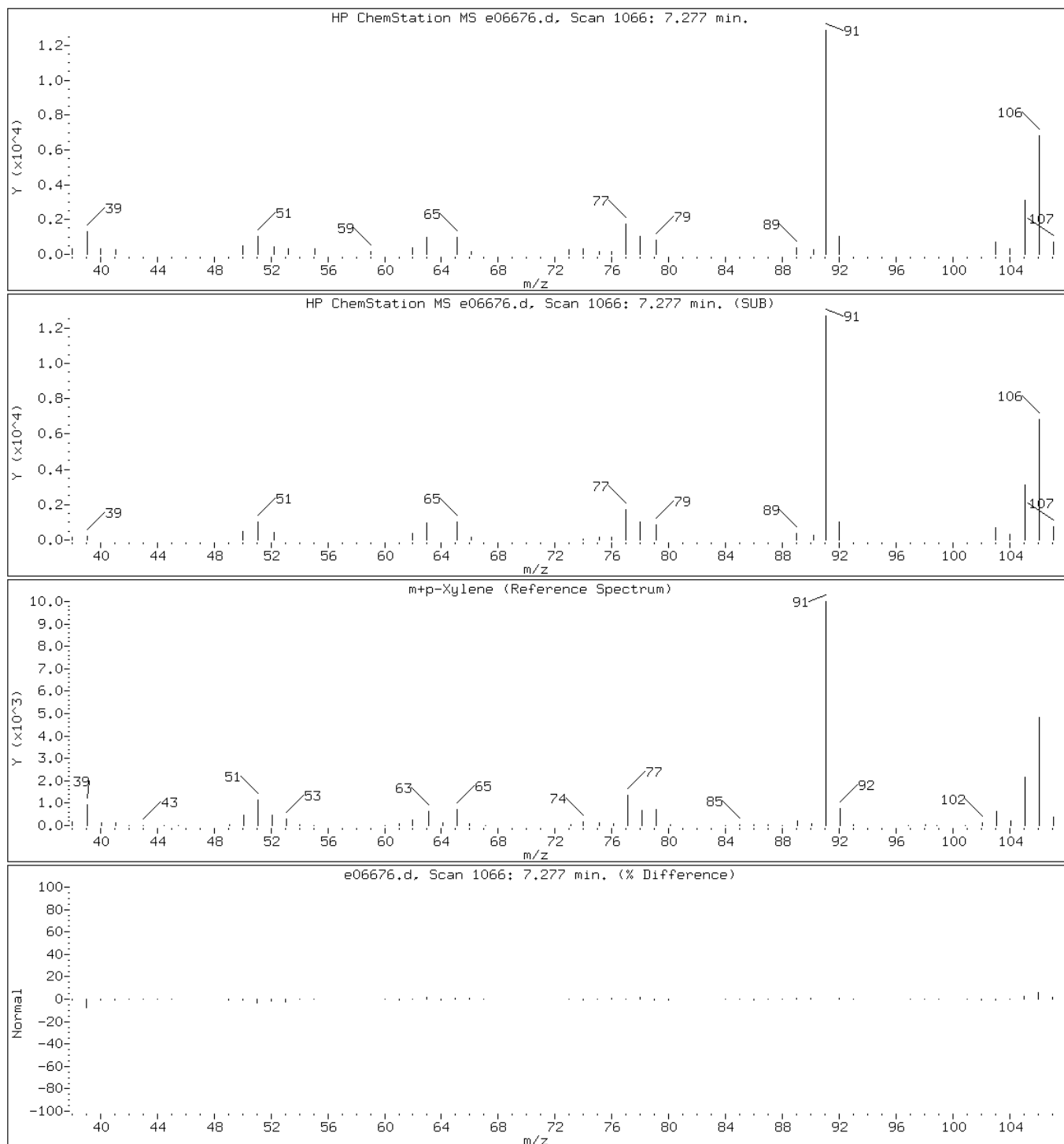
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06676.d

Date: 13-AUG-2012 07:28

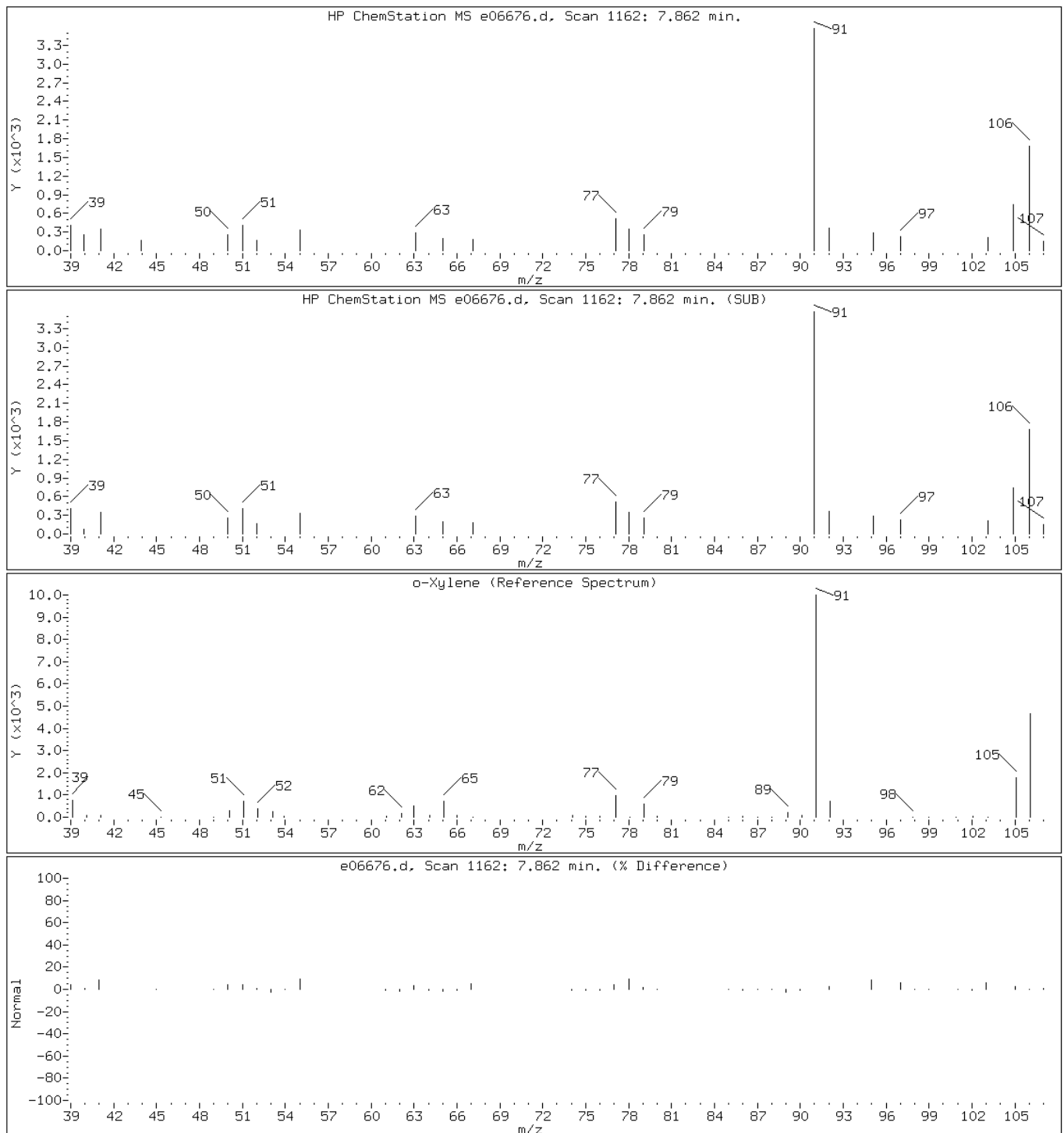
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06676.d

Date: 13-AUG-2012 07:28

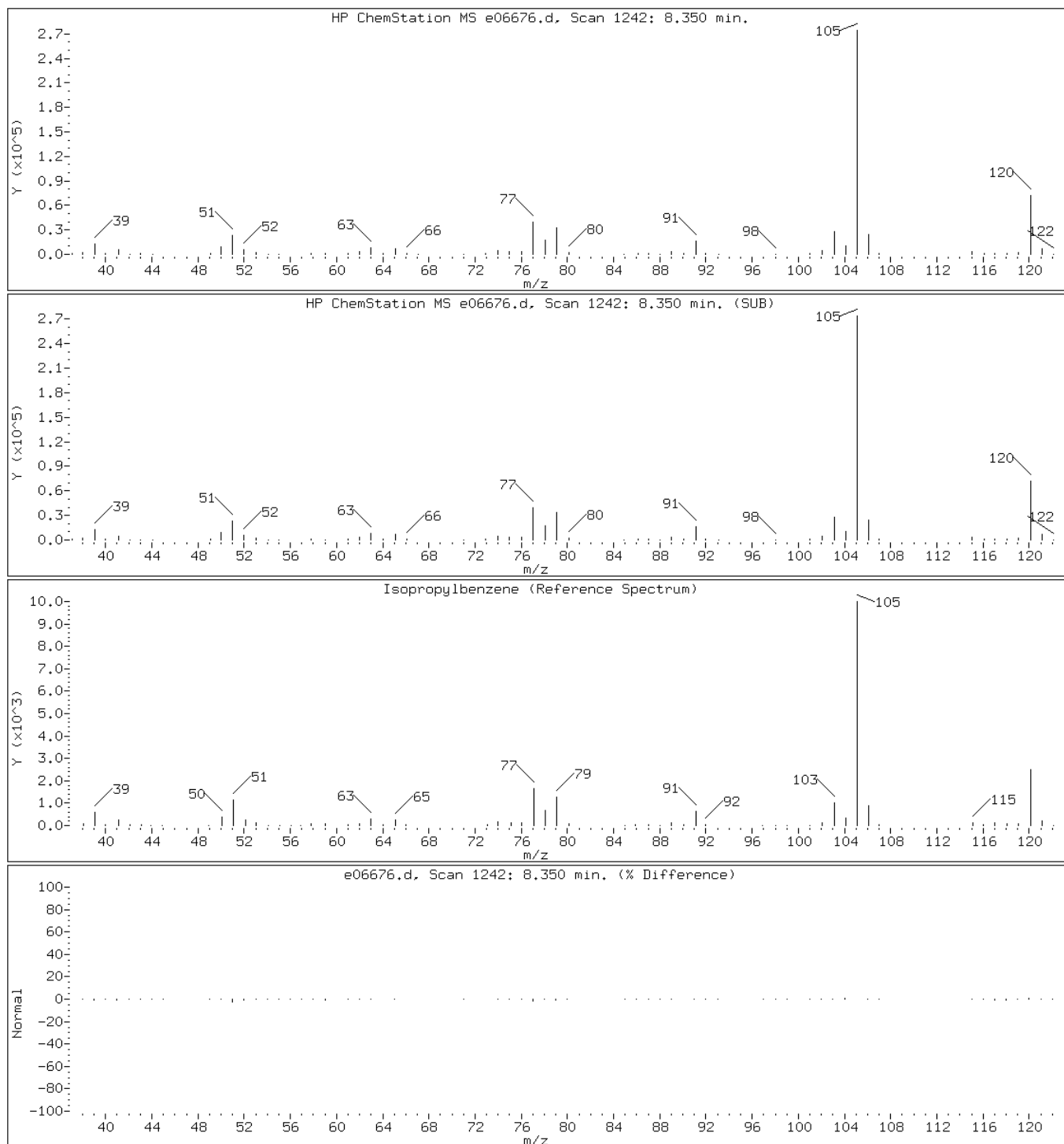
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

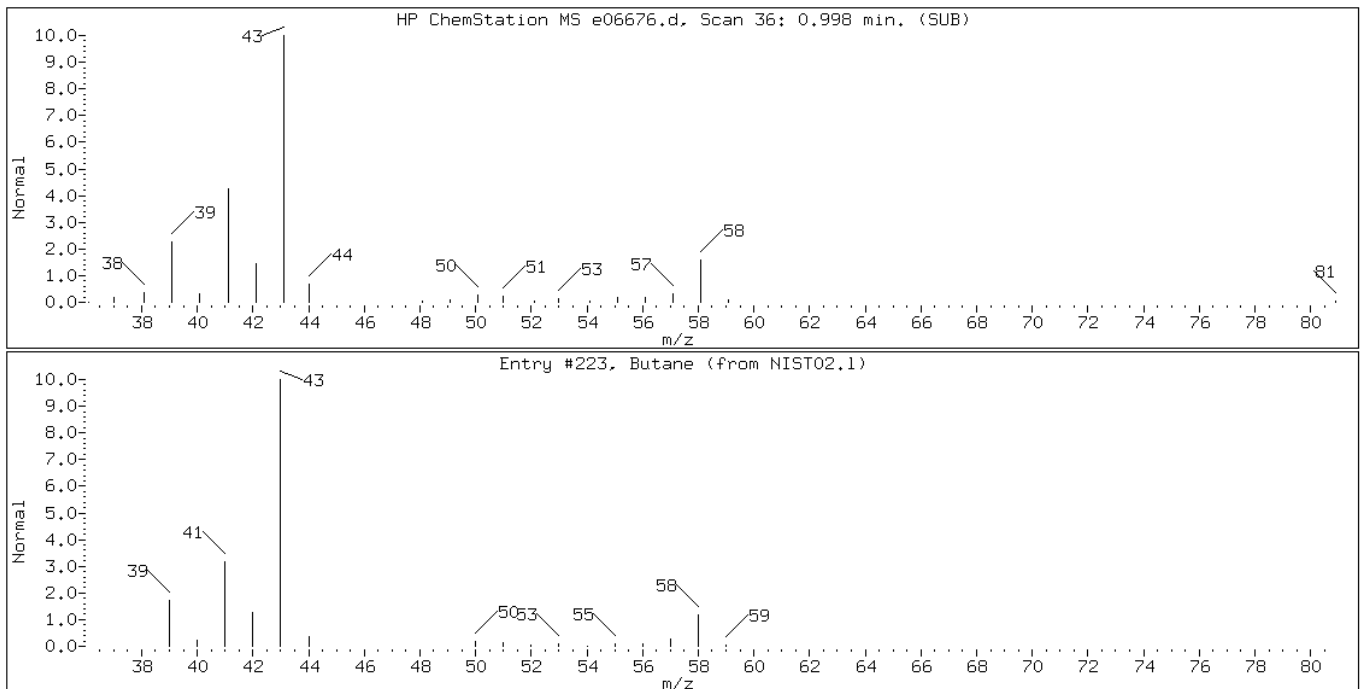
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 1.00

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



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

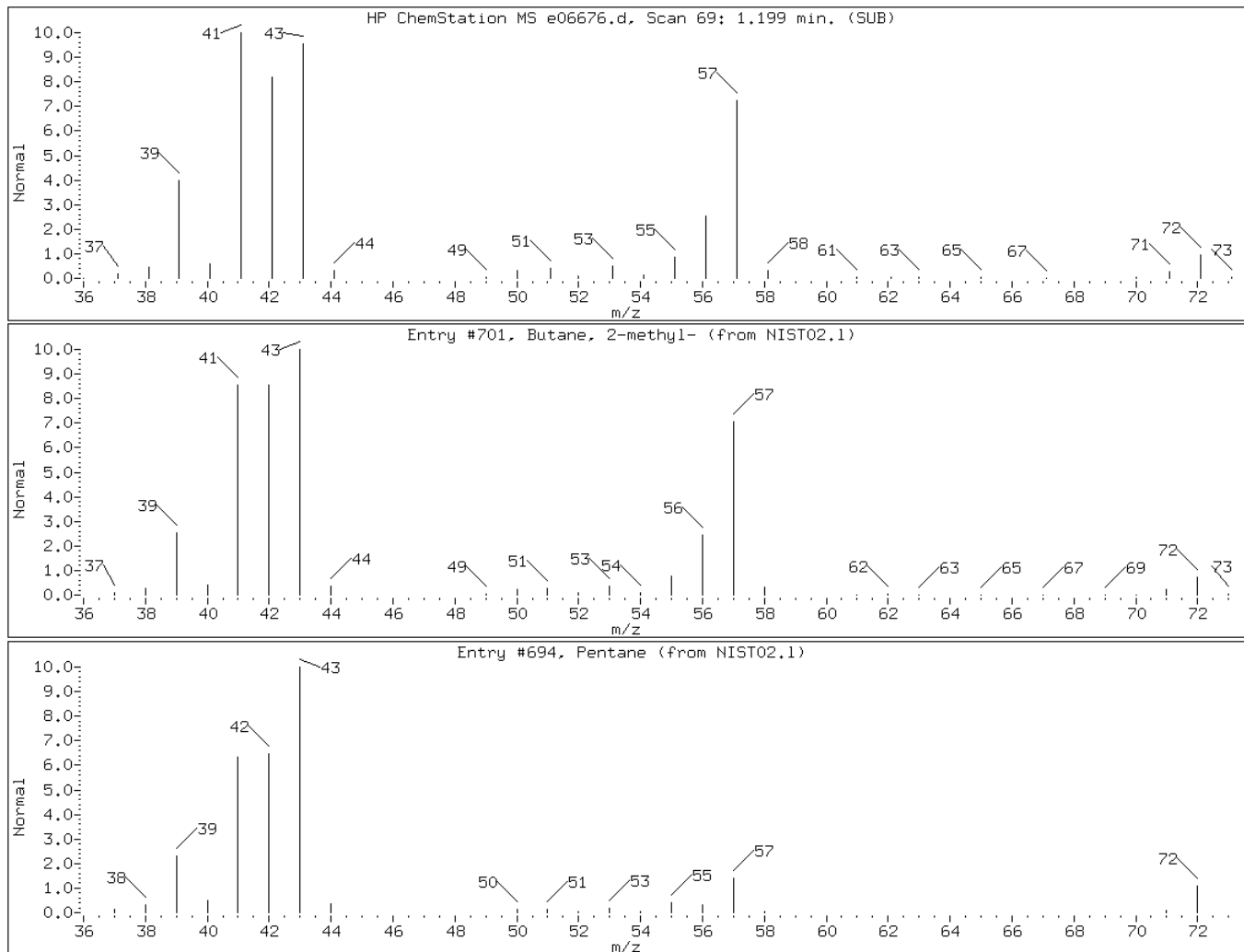
Instrument: VOAMS5.i

Sample Info: 460-43415-C-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	81	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

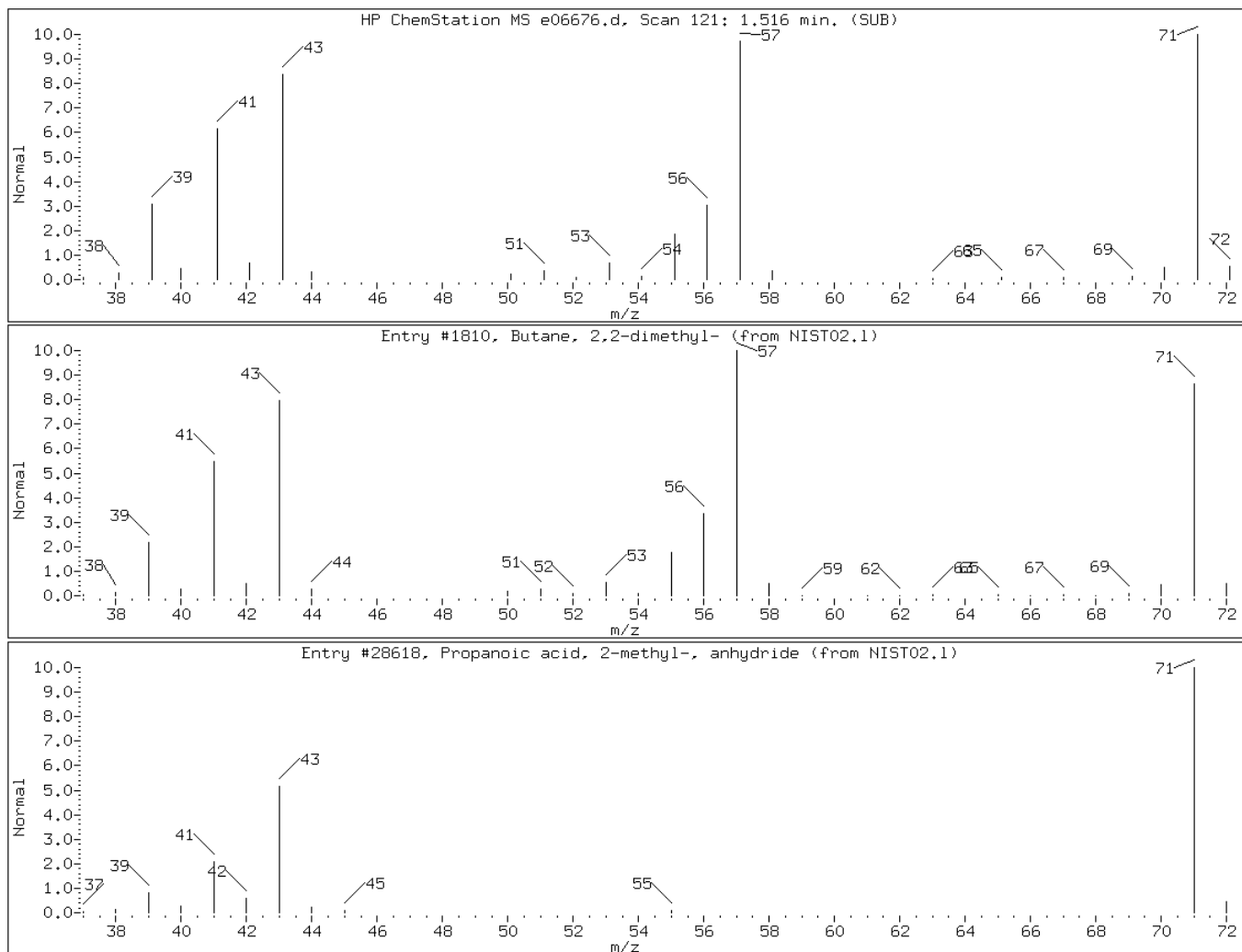
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 1.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Butane, 2,2-dimethyl-	75-83-2	NIST02.1	1810	90	C6H14	86
Propanoic acid, 2-methyl-, anhydri	97-72-3	NIST02.1	28618	50	C8H14O3	158



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

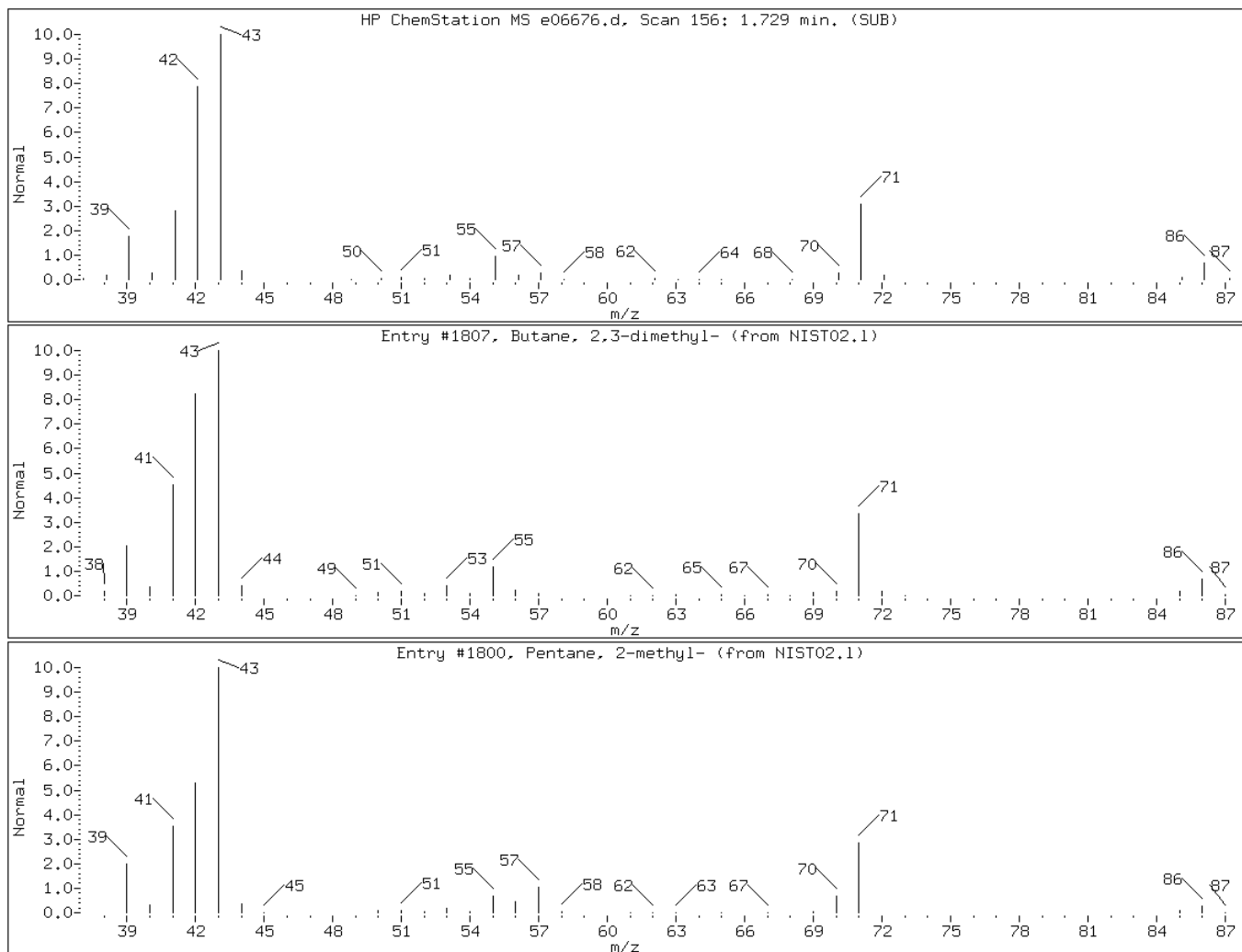
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 1.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane-1						
Butane, 2,3-dimethyl-	79-29-8	NIST02.1	1807	90	C6H14	86
Pentane, 2-methyl-	107-83-5	NIST02.1	1800	43	C6H14	86



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

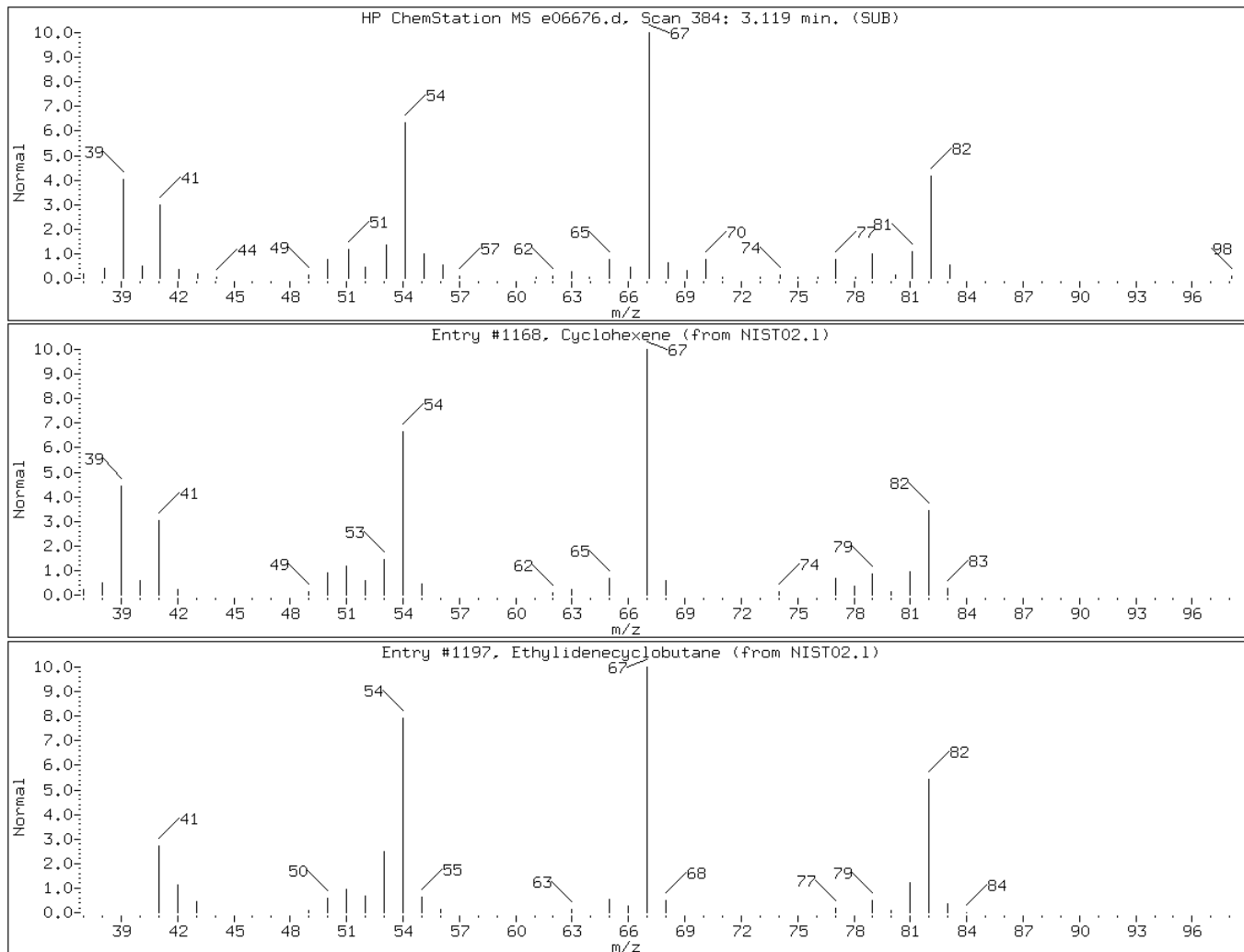
Instrument: VOAMS5.i

Sample Info: 460-43415-C-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	1168	90	C6H10	82
Ethylidenecyclobutane	1528-21-8	NIST02.1	1197	90	C6H10	82



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

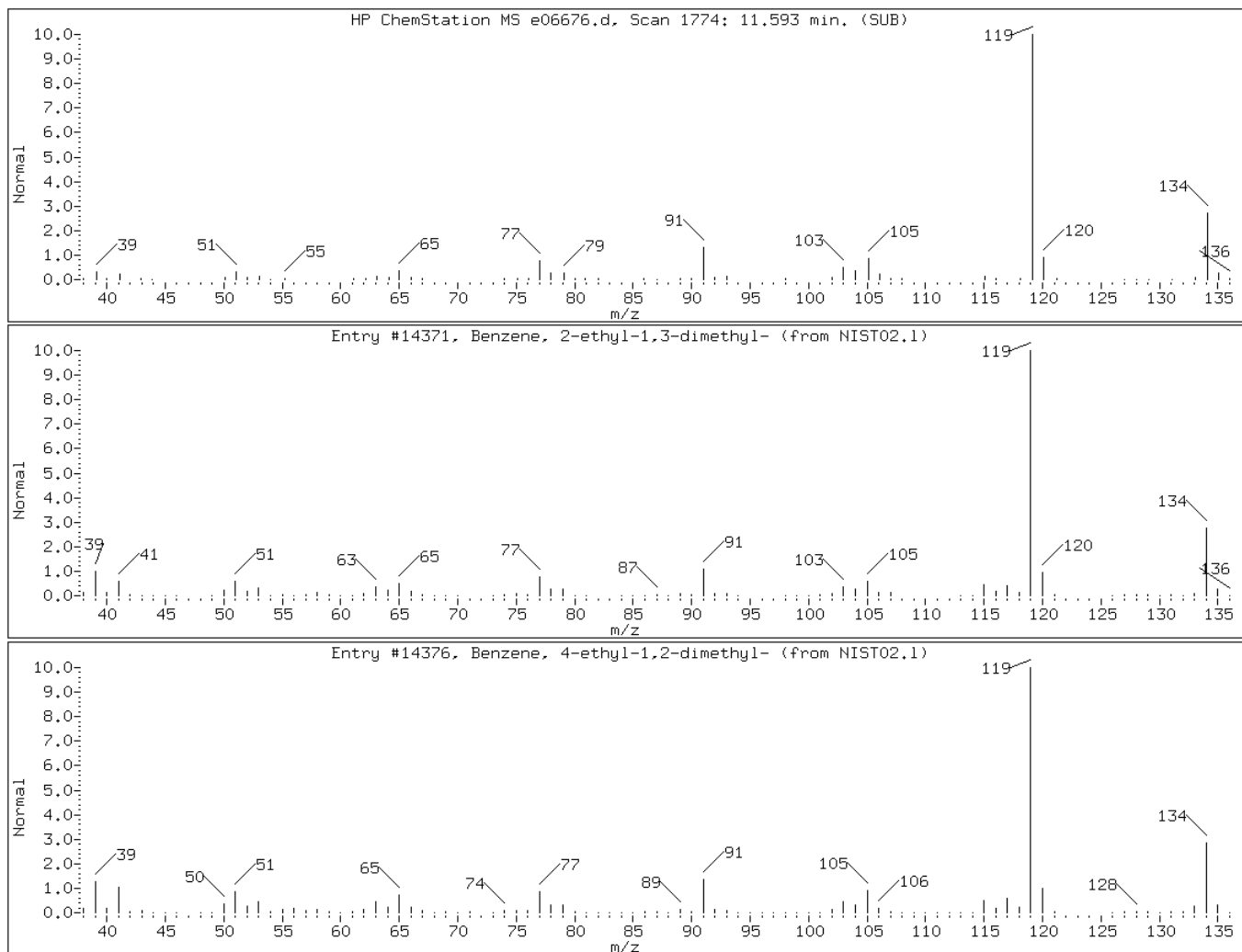
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl dimethylbenzene isomer						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.1	14371	91	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.1	14376	91	C10H14	134



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

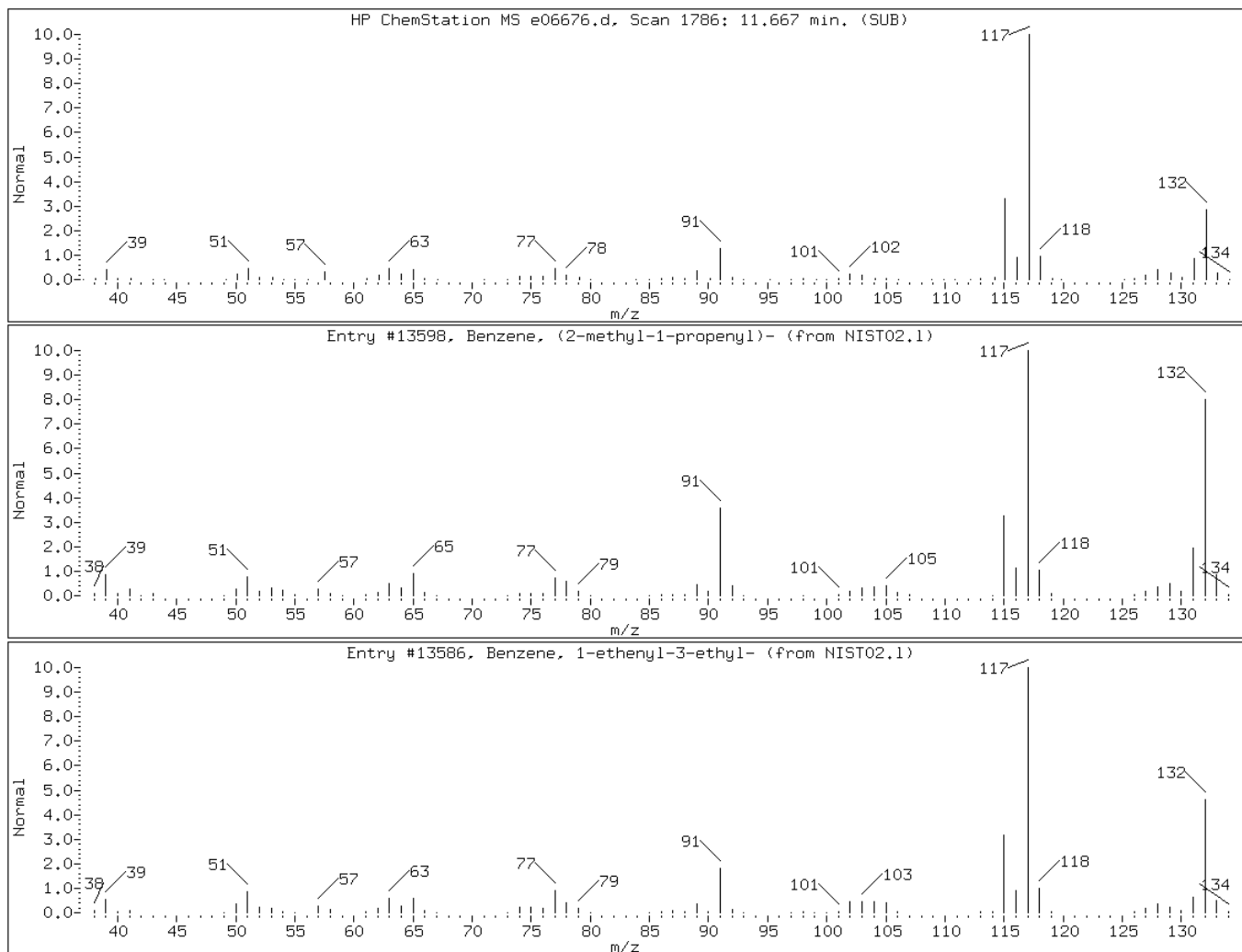
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 11.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.1	13598	91	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	91	C10H12	132



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

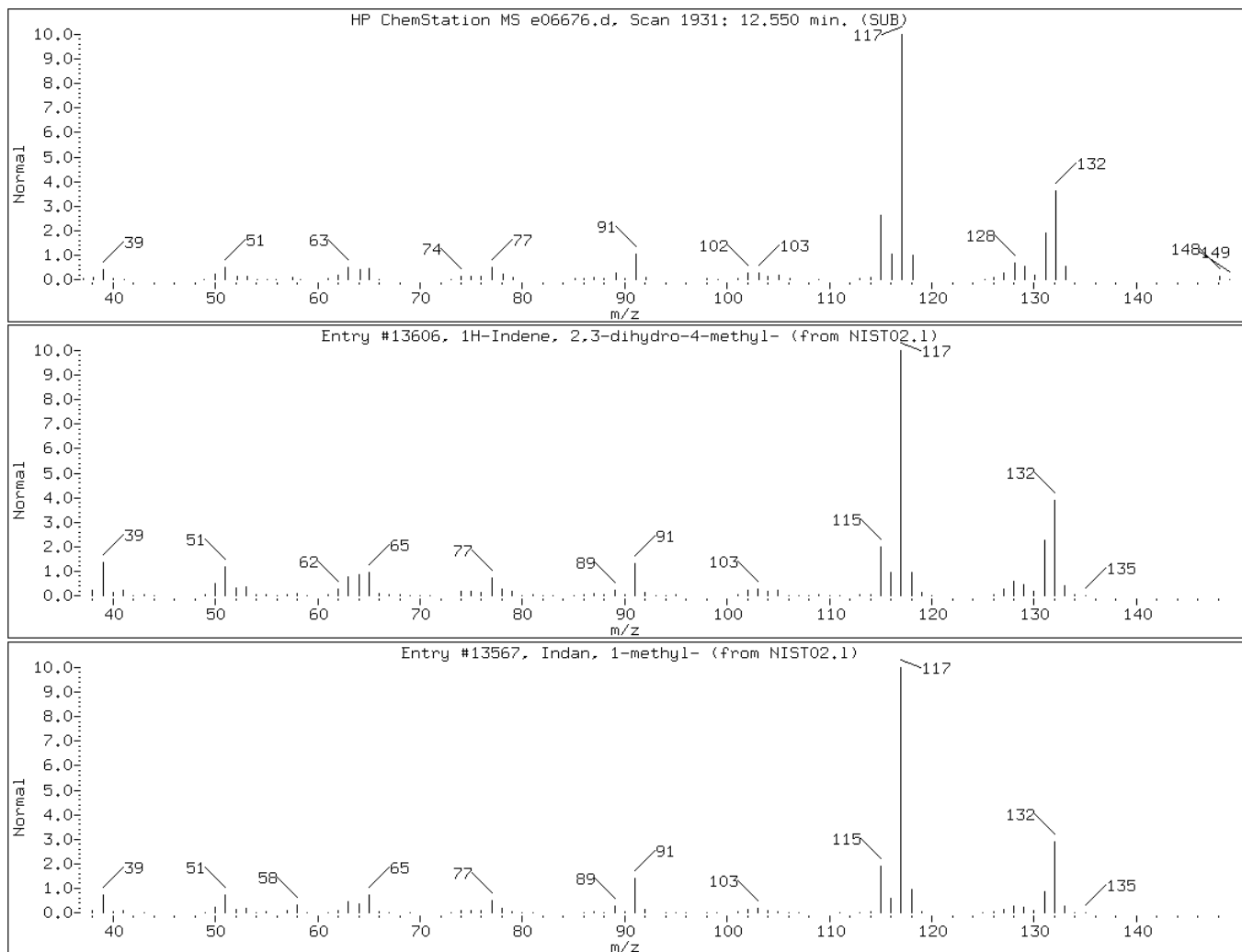
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 12.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.1	13606	90	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.1	13567	87	C10H12	132



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

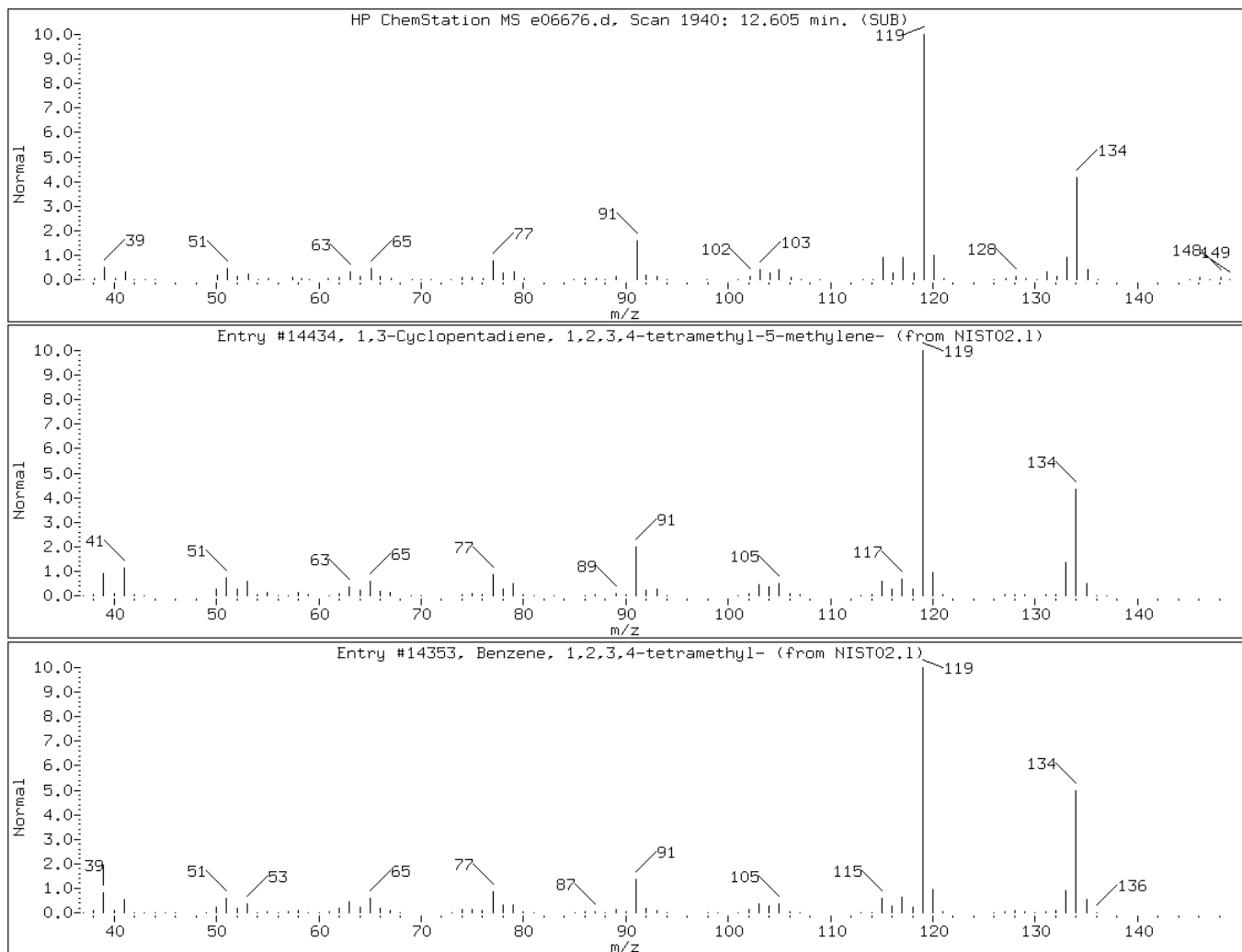
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 12.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
1,3-Cyclopentadiene, 1,2,3,4-tetra	76089-59-3	NIST02.1	14434	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.1	14353	96	C10H14	134



Data File: e06676.d

Date: 13-AUG-2012 07:28

Client ID:

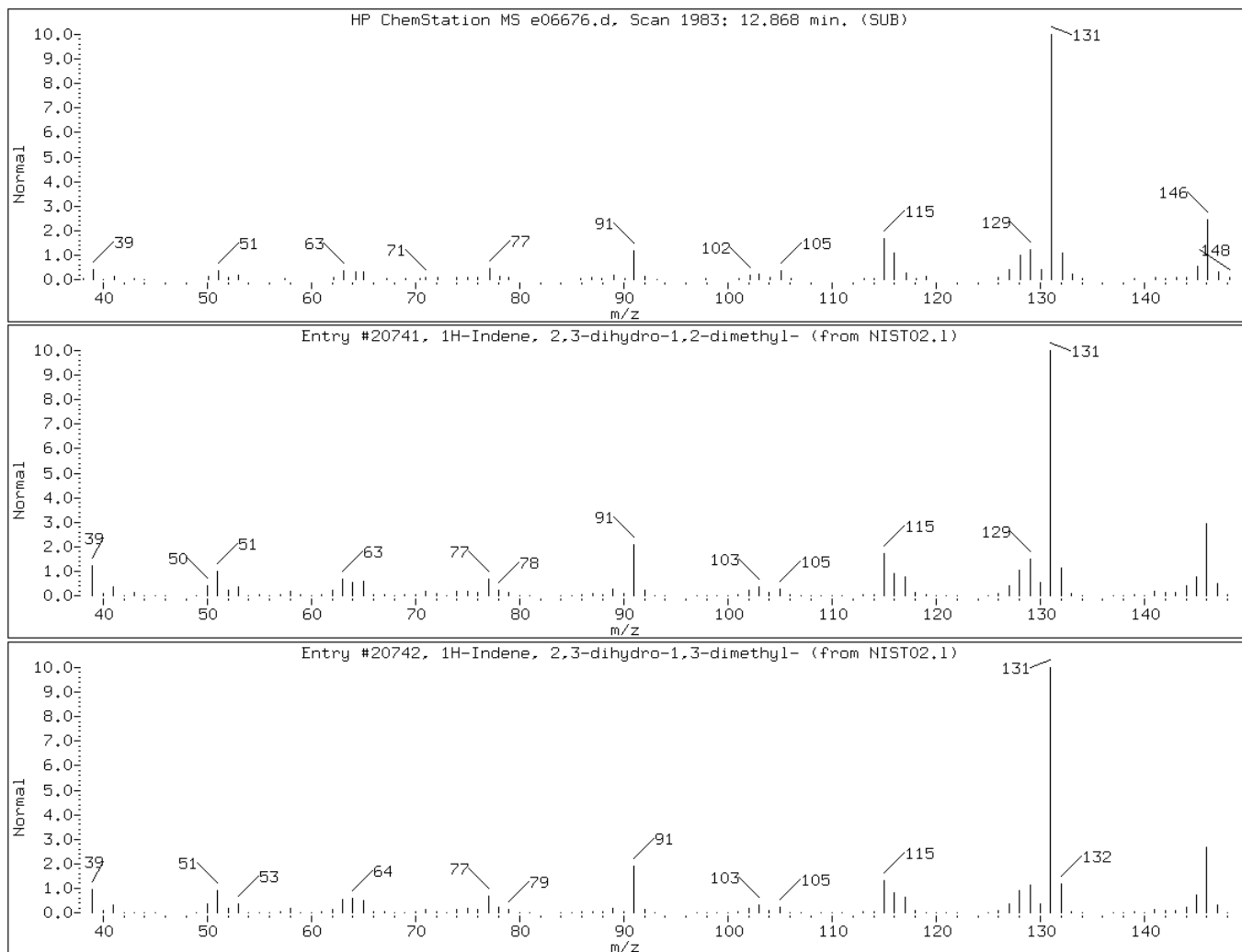
Instrument: VOAMS5.i

Sample Info: 460-43415-C-1

Operator: GC/MS VOAMS5

Retention Time: 12.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1H-Indene, 2,3-dihydro-1,2-dimethyl	17057-82-8	NIST02.1	20741	94	C11H14	146
1H-Indene, 2,3-dihydro-1,3-dimethyl	4175-53-5	NIST02.1	20742	94	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-2
 Matrix: Water Lab File ID: e06677.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:51
 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.: 123702 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	190		1.0	0.10
110-82-7	Cyclohexane	89		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	11		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	30		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	23		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-2
 Matrix: Water Lab File ID: e06677.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:51
 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.: 123702 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	3.7		3.0	0.36
100-42-5	Styrene	3.7		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)	116		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-2
 Matrix: Water Lab File ID: e06677.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 07:51
 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.: 123702 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 990

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	150	J
	C5H12 Alkane	1.21	260	J
	C5H10 Cycloalkane	1.45	64	J
	C6H14 Alkane	1.74	160	J
	C6H12 Cycloalkane	2.36	91	J
103-65-1	Benzene, propyl-	8.98	42	J N
496-11-7	Indane	10.78	73	J N
	Ethyl dimethylbenzene isomer	11.59	46	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	60	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	44	J

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06677.d
 Report Date: 14-Aug-2012 03:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06677.d
 Lab Smp Id: 460-43415-A-2
 Inj Date : 13-AUG-2012 07:51
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43415-A-2
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 9
 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						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
44 Cyclohexane	56		2.784	2.778 (0.774)			468723	88.7401	89
48 Benzene	78		3.260	3.254 (0.469)			133151	10.8274	11
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.357 (0.936)			226348	58.0409	58
* 52 Fluorobenzene	96		3.595	3.595 (1.000)			692758	50.0000	
56 Methyl cyclohexane	83		3.729	3.723 (1.037)			171293	29.9079	30
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107 (0.734)			669686	50.6372	51
66 Toluene	91		5.162	5.162 (0.742)			372461	22.7001	23
* 78 Chlorobenzene-d5	117		6.954	6.954 (1.000)			602748	50.0000	
81 Ethylbenzene	106		7.070	7.064 (1.017)			1166731	189.729	190
82 m+p-Xylene	106		7.277	7.277 (1.046)			24492	3.00237	3.0
84 o-Xylene	106		7.856	7.862 (1.130)			5478	0.68602	0.69(a)
85 Styrene	104		7.948	7.942 (1.143)			47776	3.67486	3.7
88 Isopropylbenzene	105		8.350	8.350 (1.201)			611294	29.9945	30
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710 (0.832)			321075	50.5351	50
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466 (1.000)			382636	50.0000	
M 121 Xylene (Total)	100						29970	3.68839	3.7

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06677.d
Report Date: 14-Aug-2012 03:26

QC Flag Legend

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

Data File: e06677.d

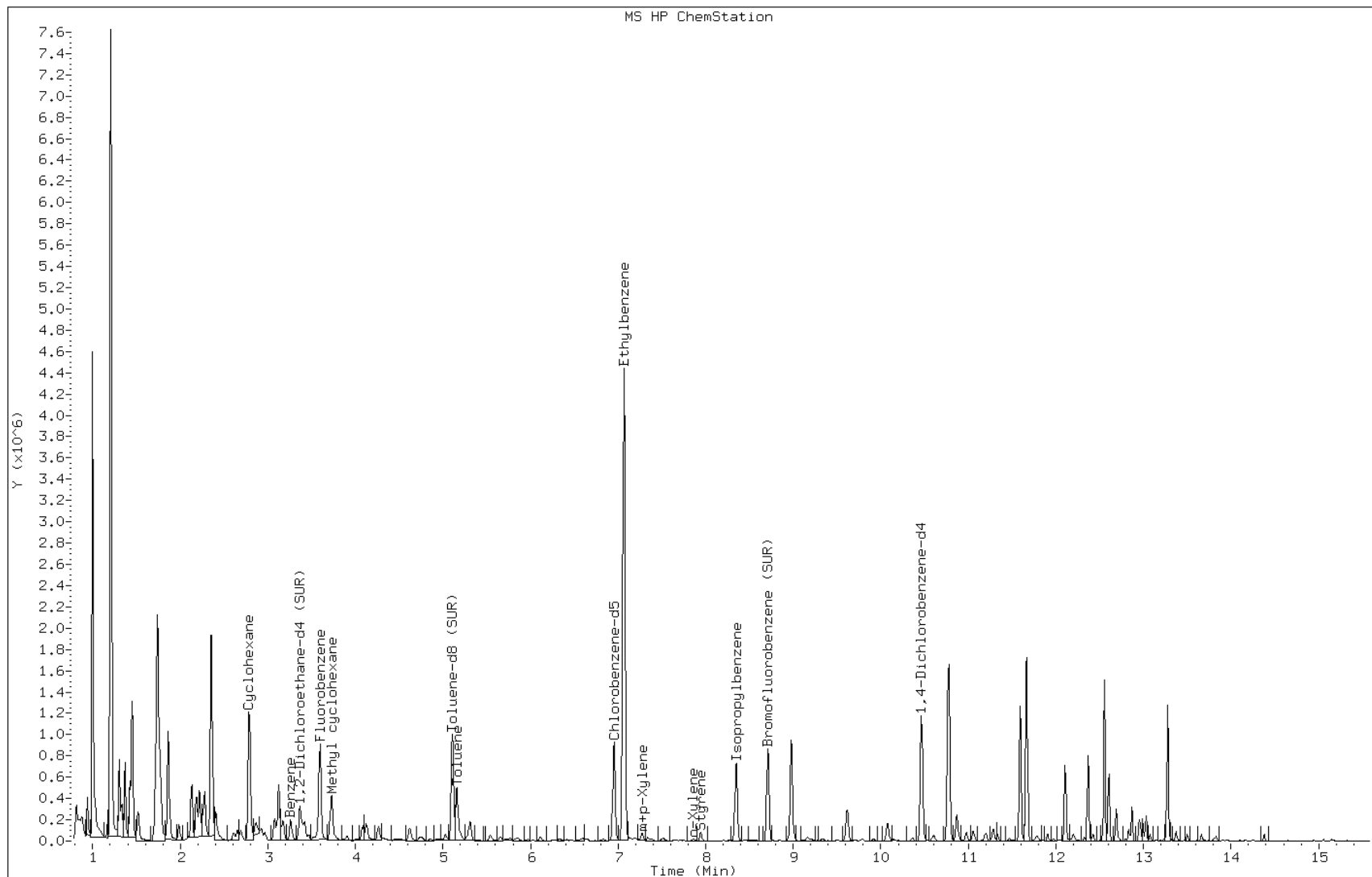
Date: 13-AUG-2012 07:51

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5



Data File: e06677.d

Date: 13-AUG-2012 07:51

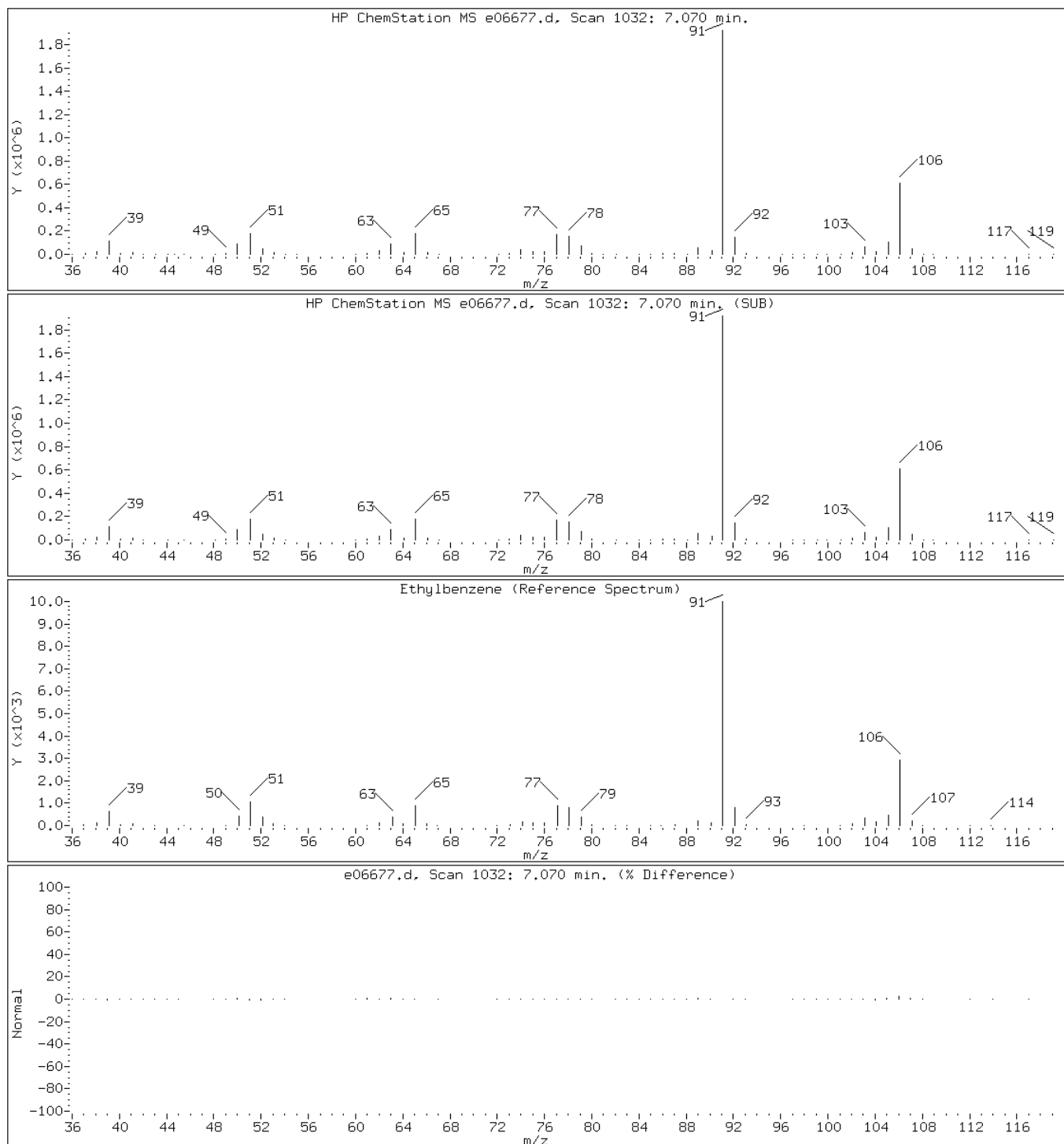
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06677.d

Date: 13-AUG-2012 07:51

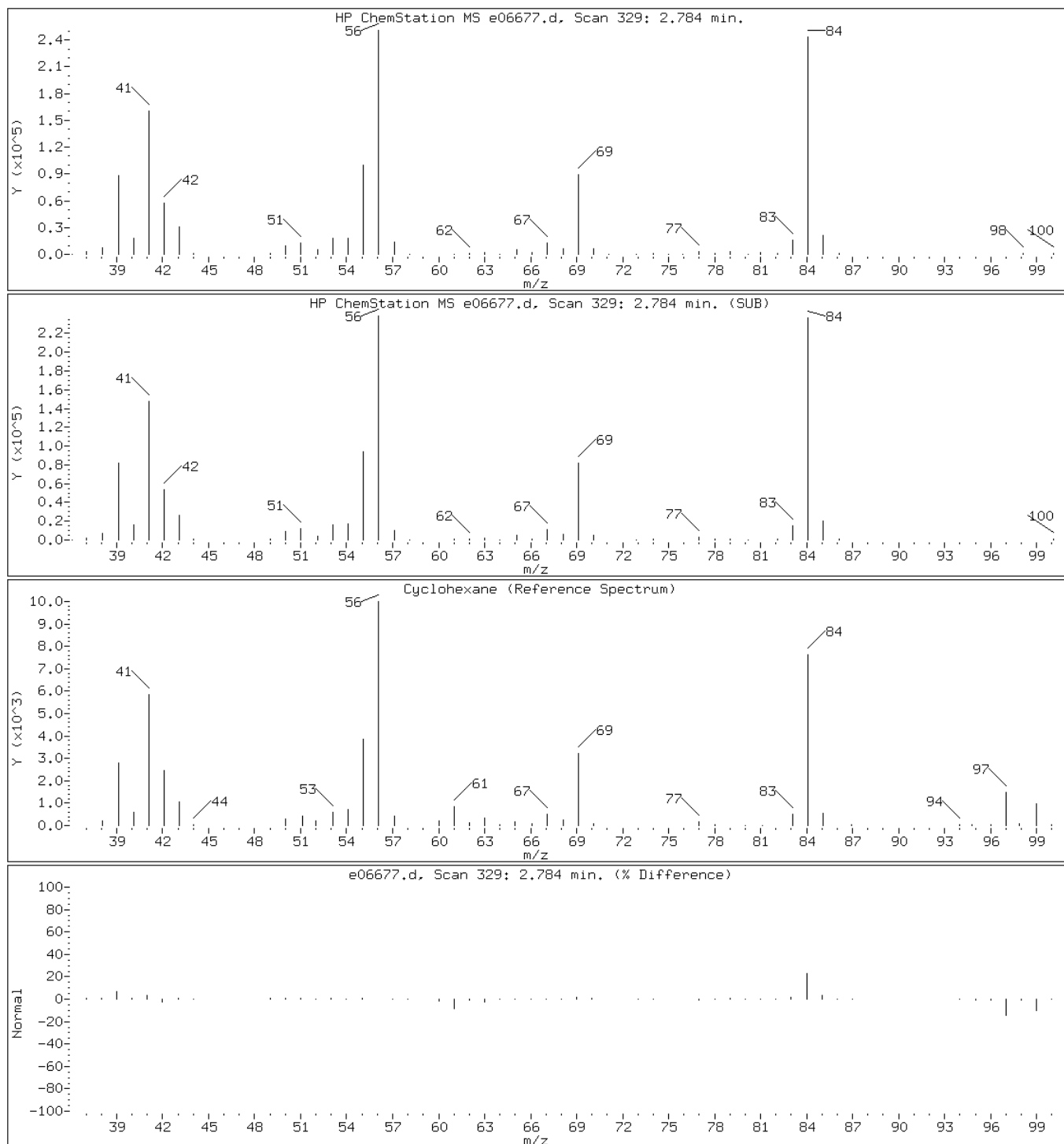
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06677.d

Date: 13-AUG-2012 07:51

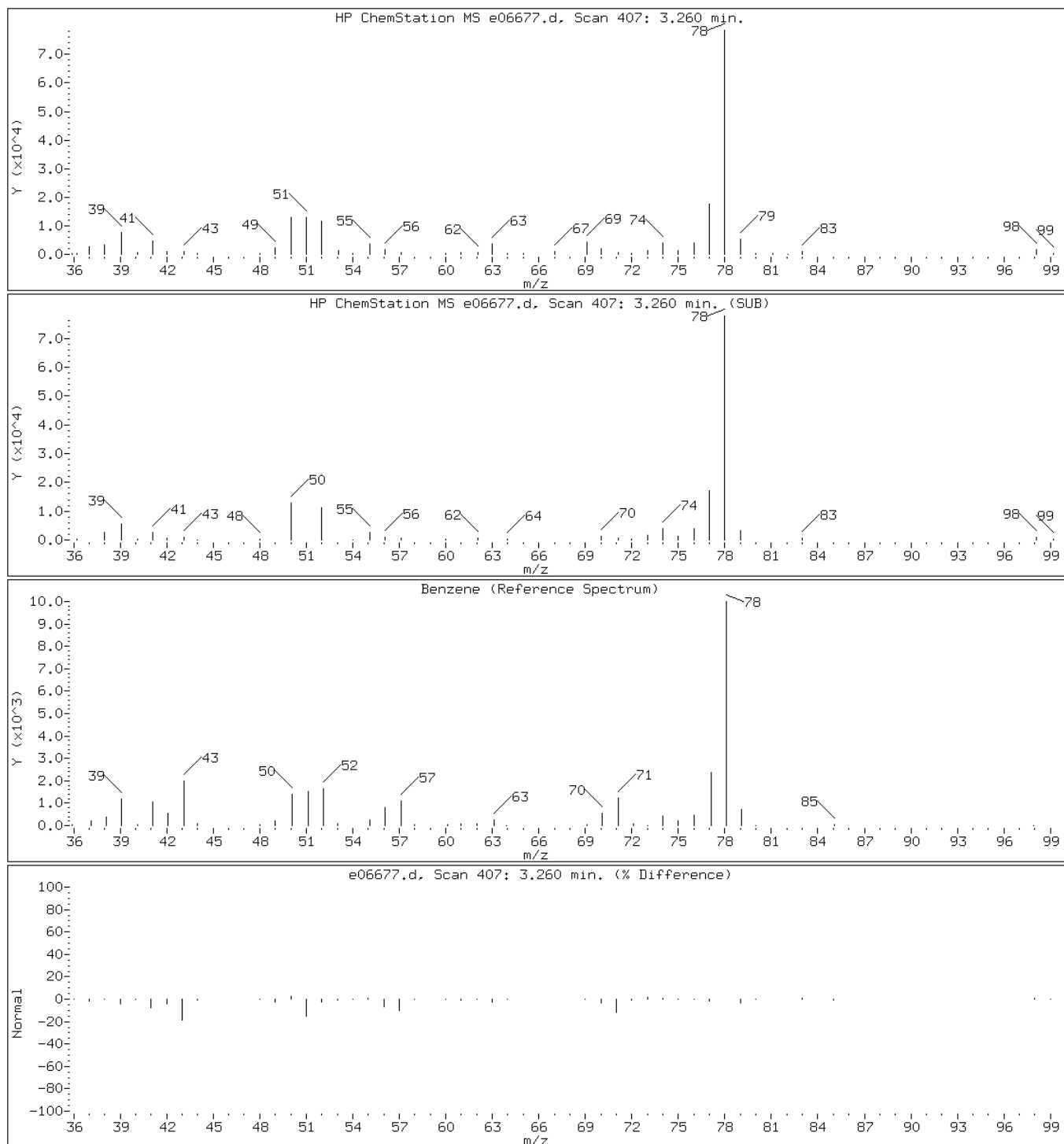
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06677.d

Date: 13-AUG-2012 07:51

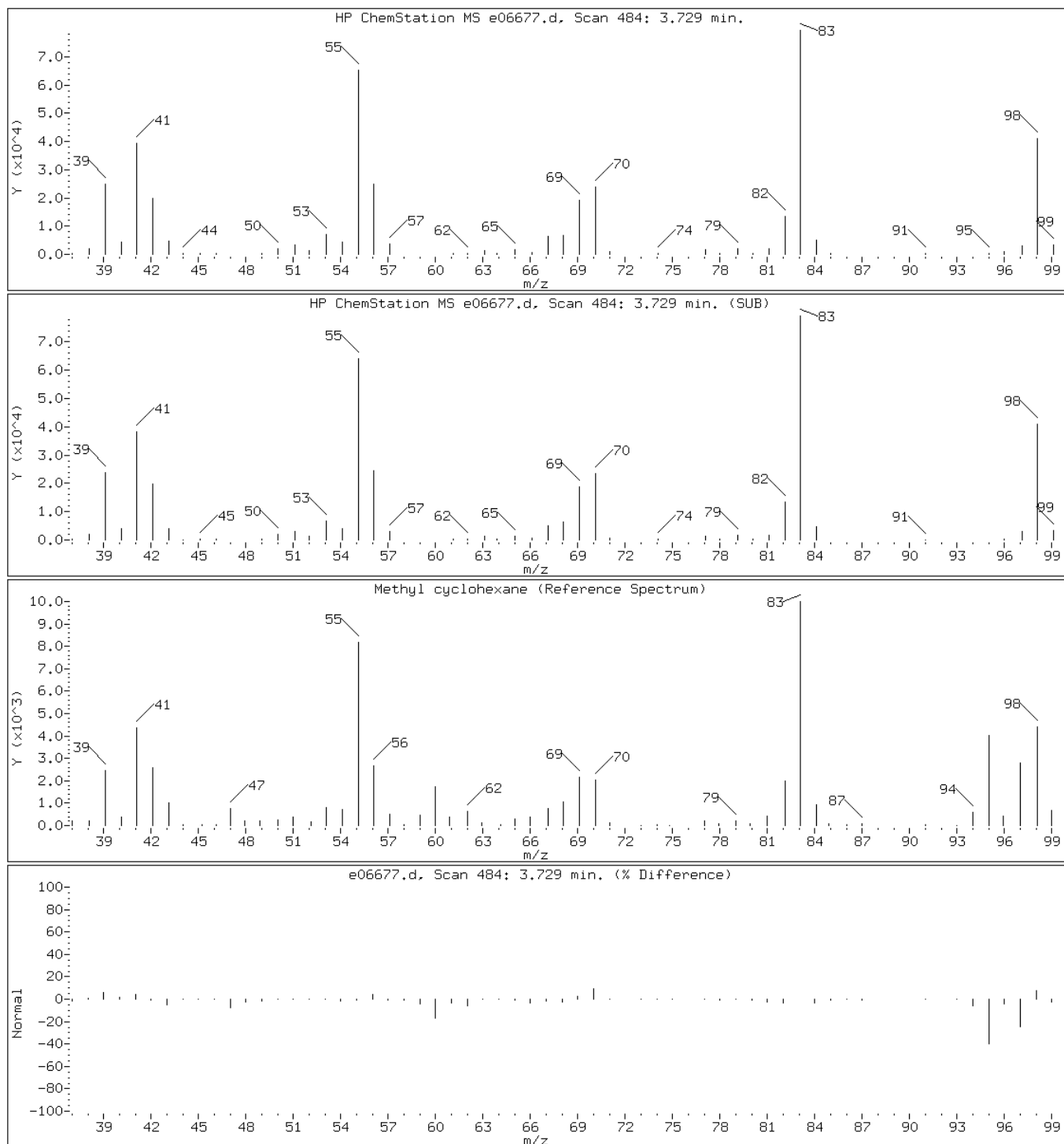
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06677.d

Date: 13-AUG-2012 07:51

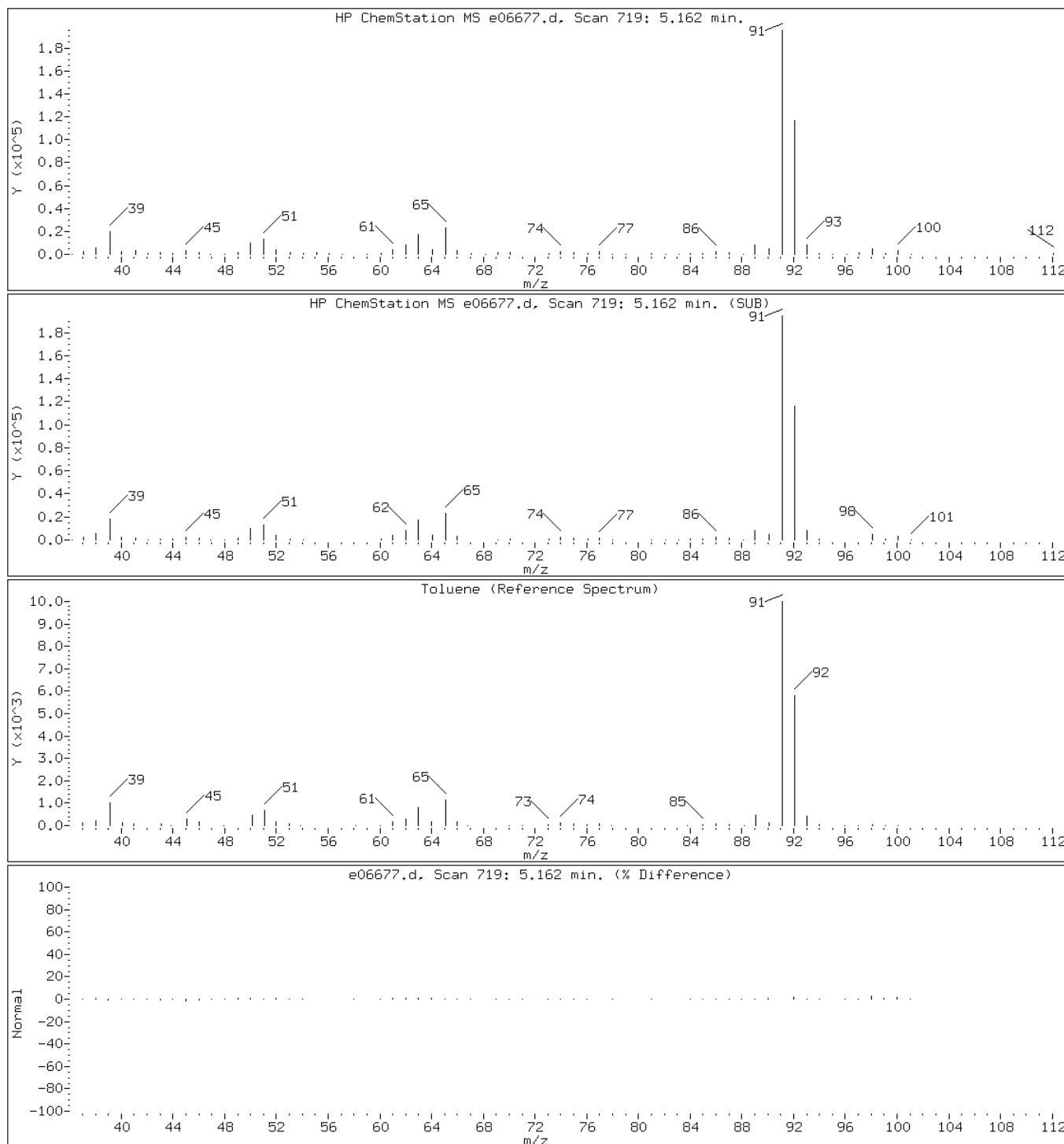
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06677.d

Date: 13-AUG-2012 07:51

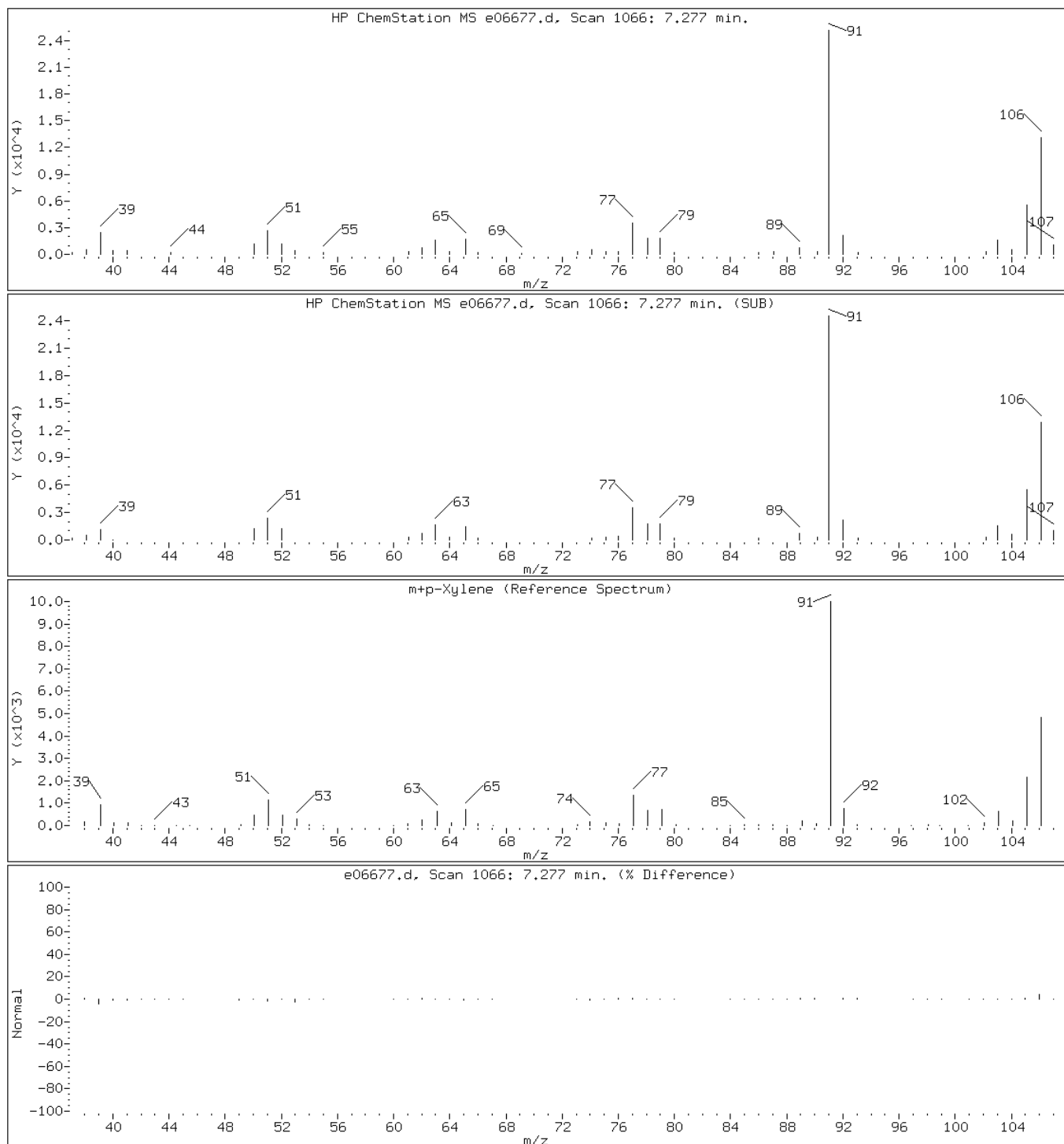
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06677.d

Date: 13-AUG-2012 07:51

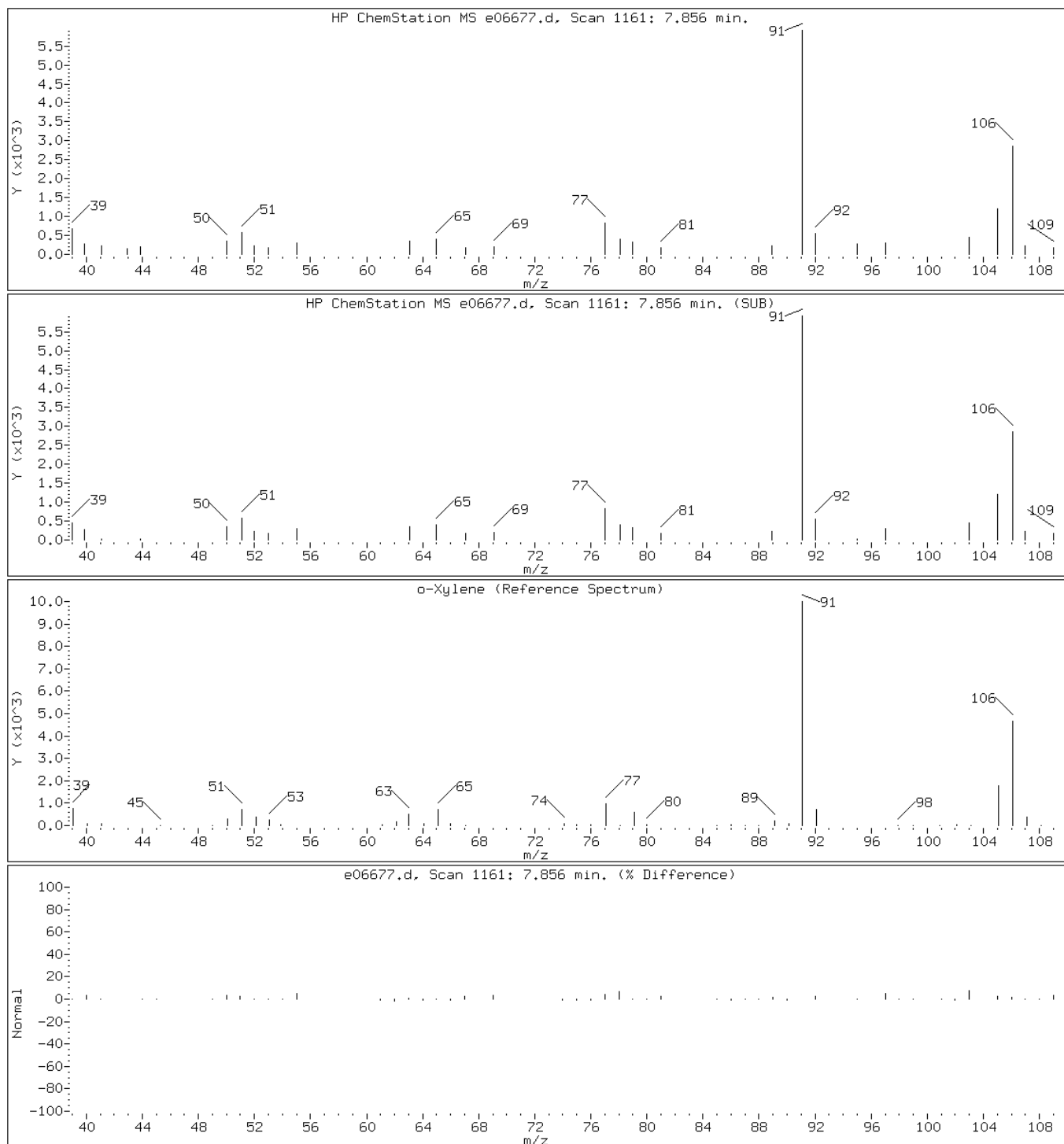
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06677.d

Date: 13-AUG-2012 07:51

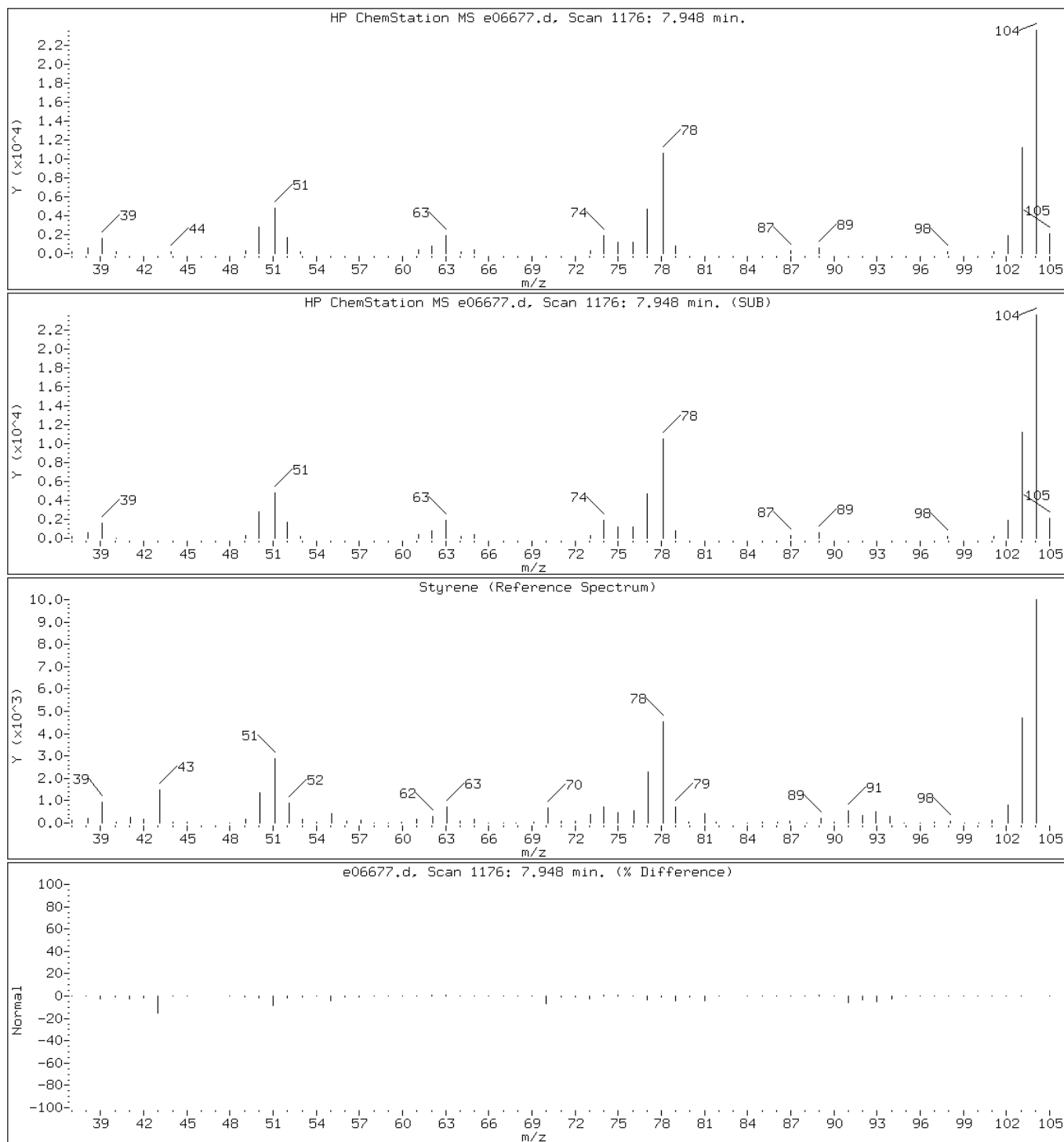
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06677.d

Date: 13-AUG-2012 07:51

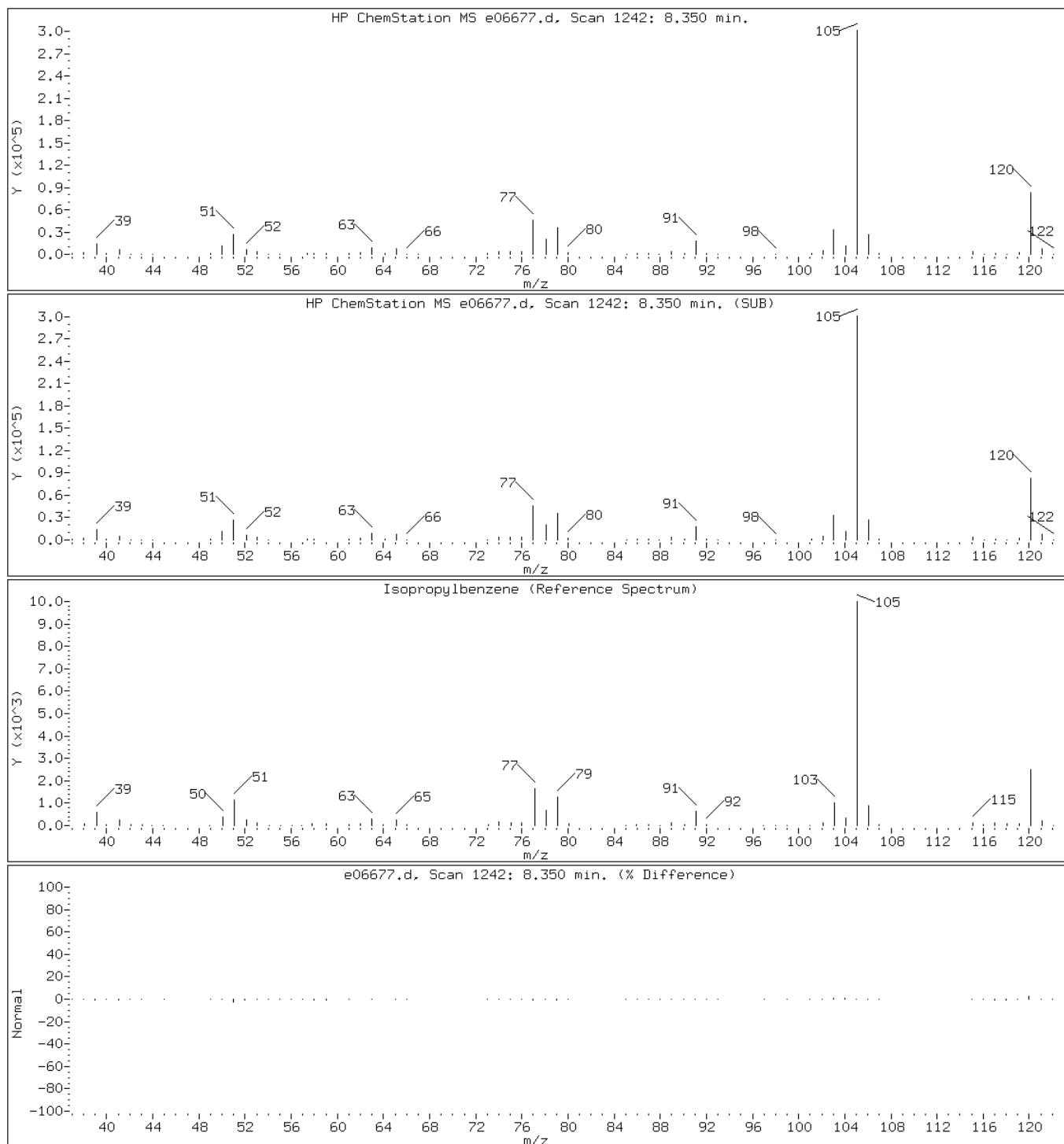
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

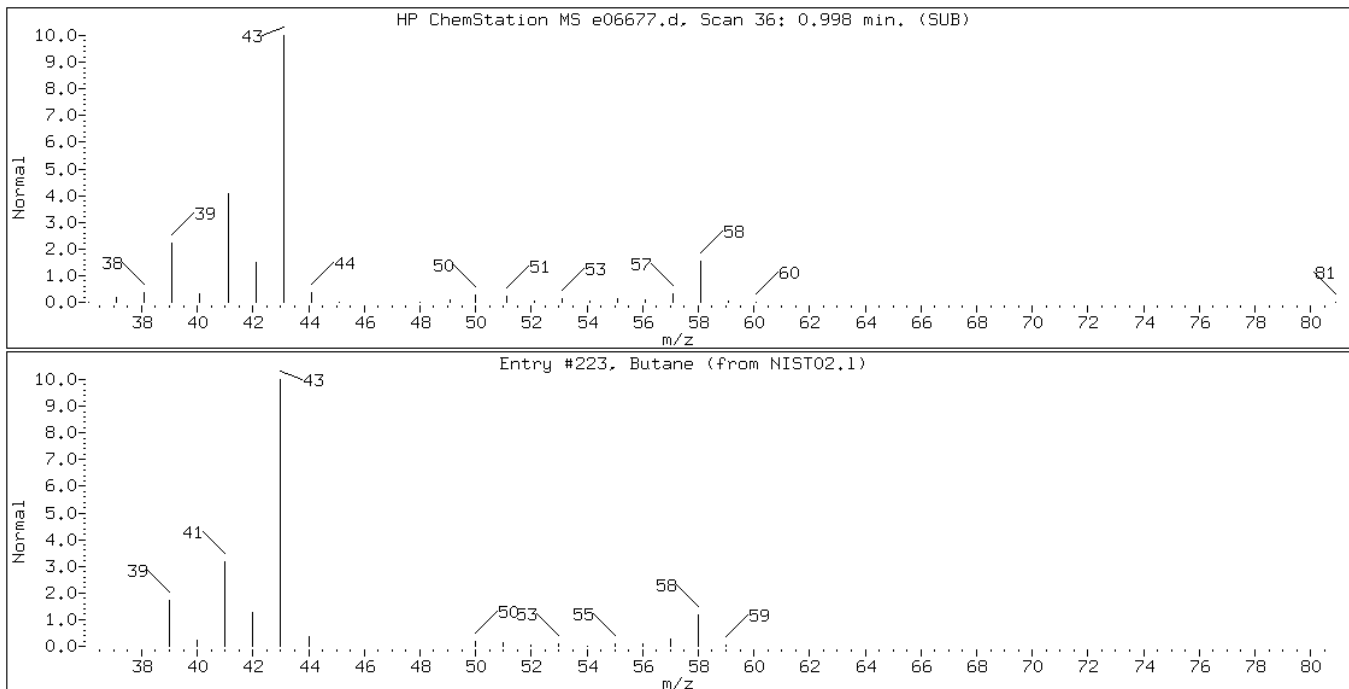
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.00

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



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

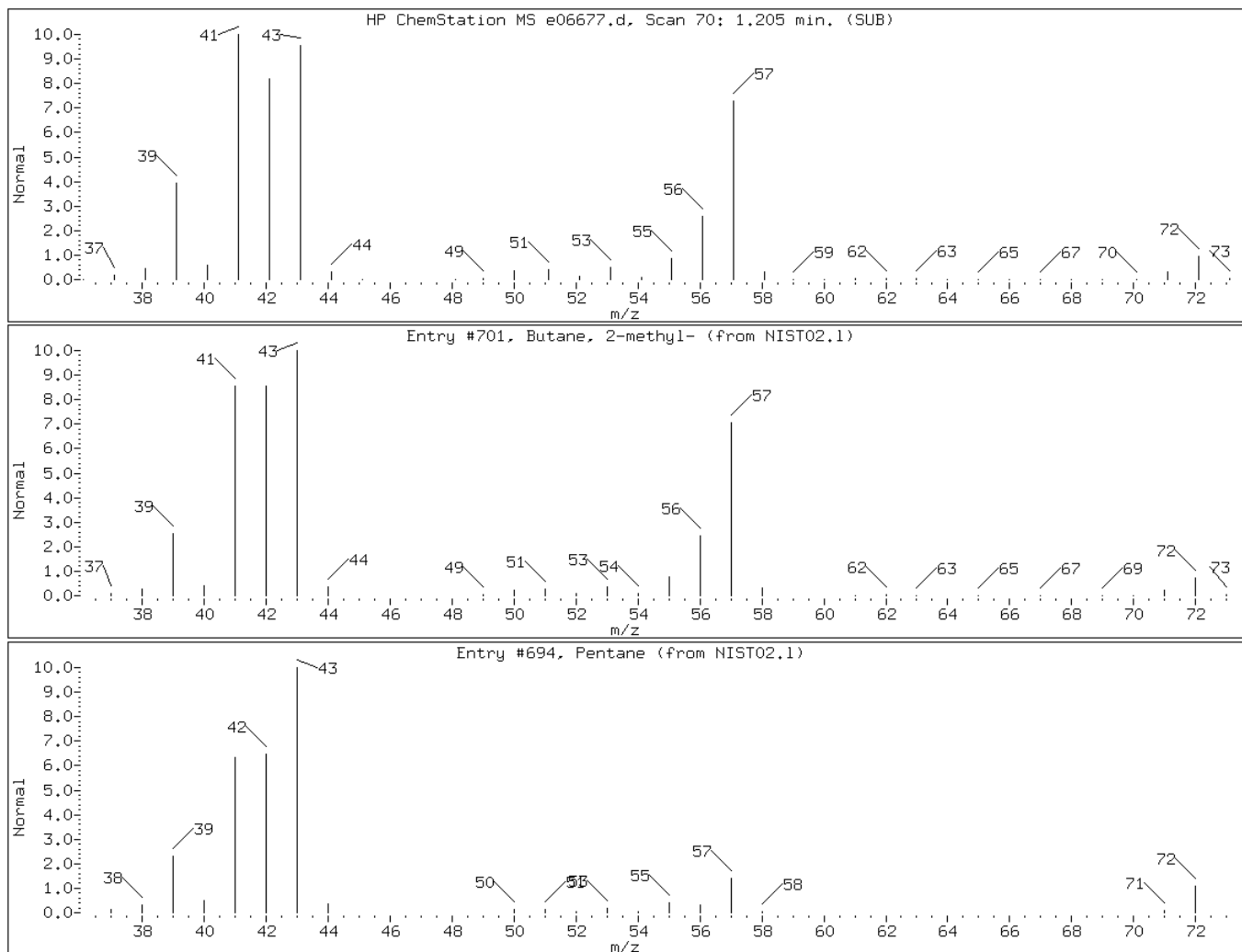
Instrument: VOAMS5.i

Sample Info: 460-43415-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	81	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

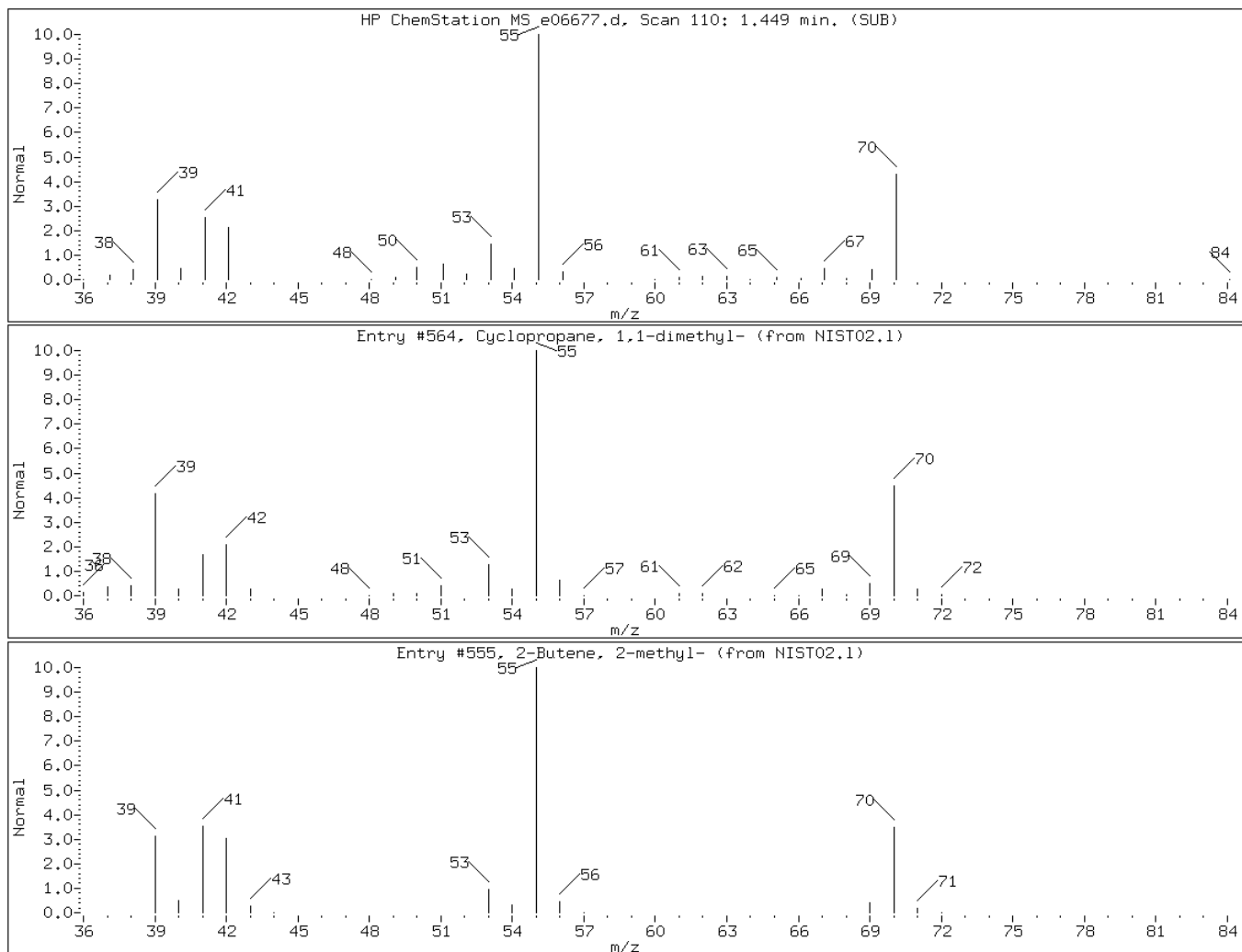
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopropane, 1,1-dimethyl-	1630-94-0	NIST02.1	564	83	C5H10	70
2-Butene, 2-methyl-	513-35-9	NIST02.1	555	80	C5H10	70



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

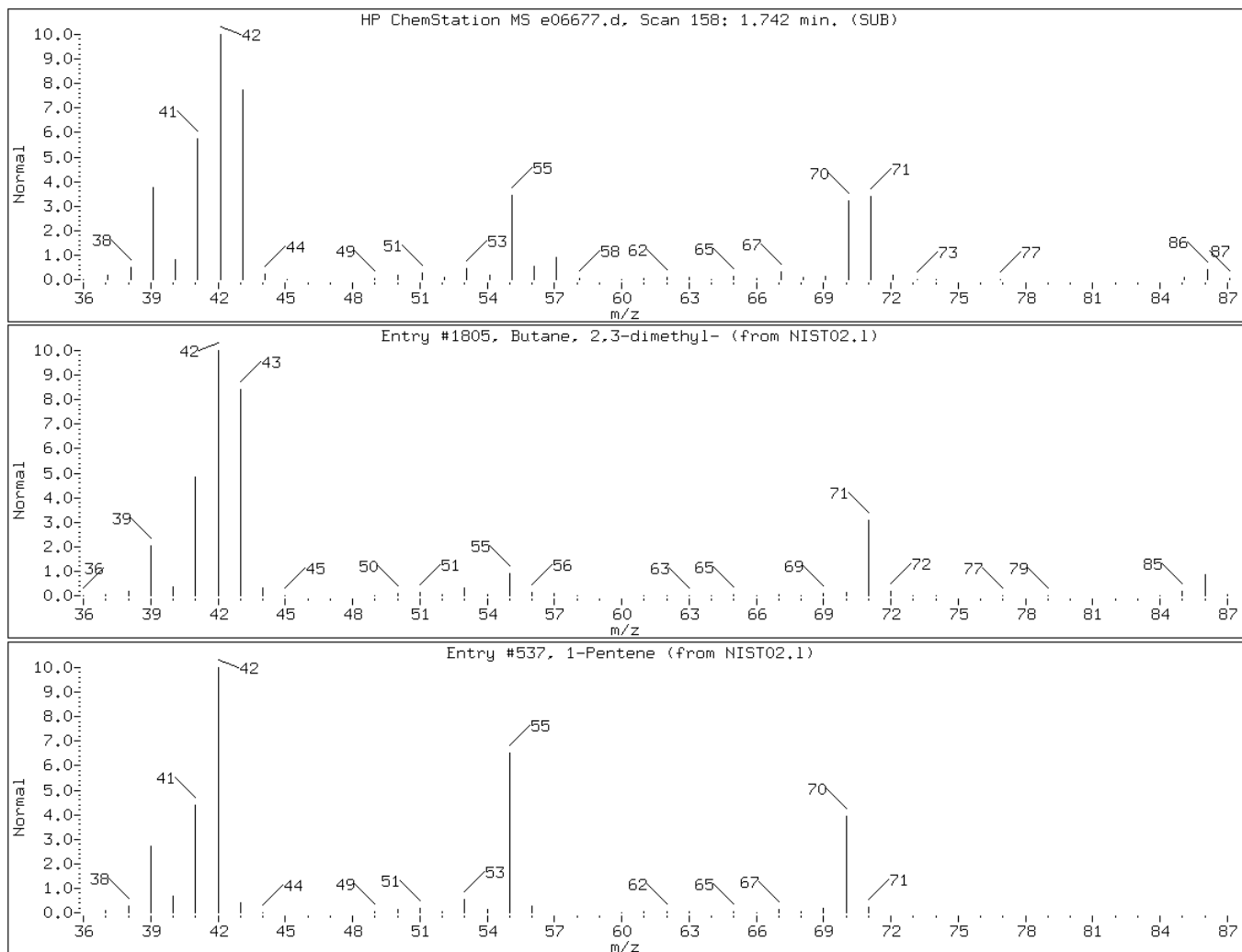
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Butane, 2,3-dimethyl-	79-29-8	NIST02.1	1805	72	C6H14	86
1-Pentene	109-67-1	NIST02.1	537	50	C5H10	70



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

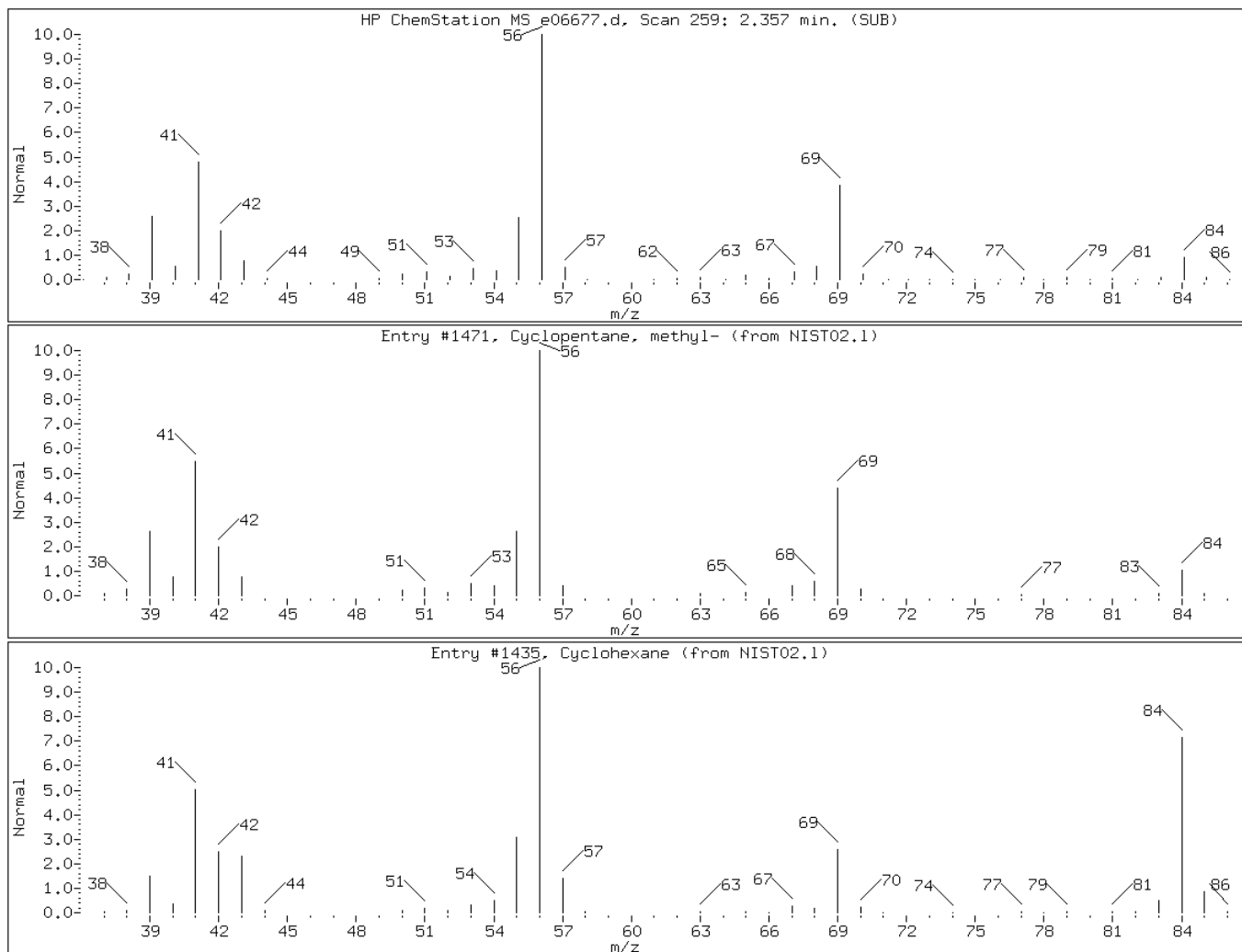
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

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	1471	94	C6H12	84
Cyclohexane	110-82-7	NIST02.1	1435	86	C6H12	84



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

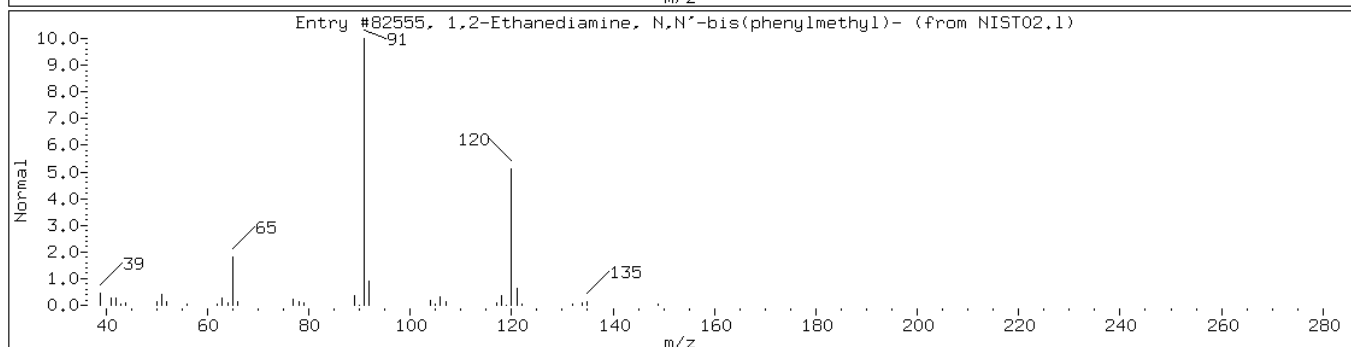
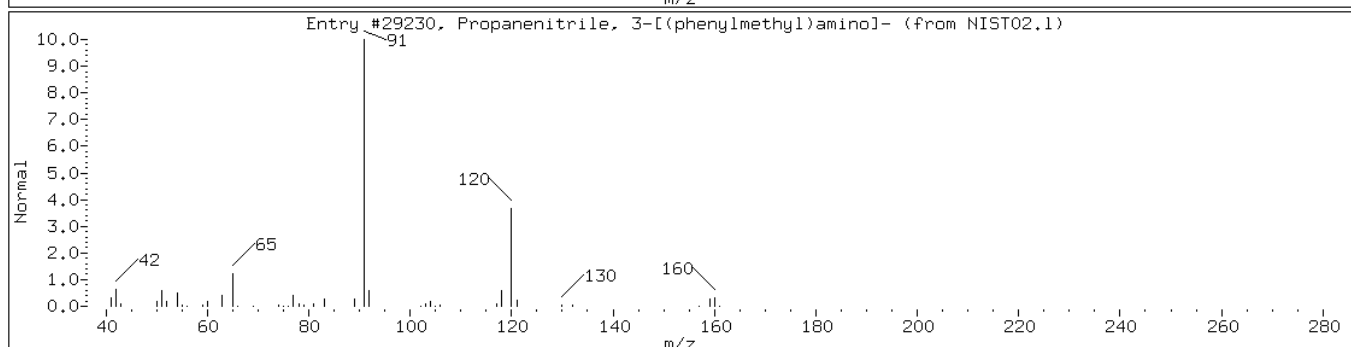
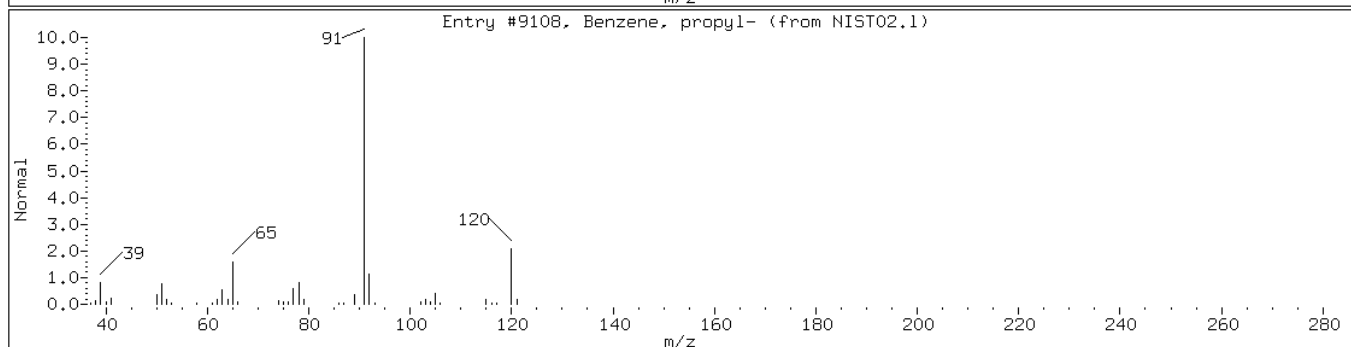
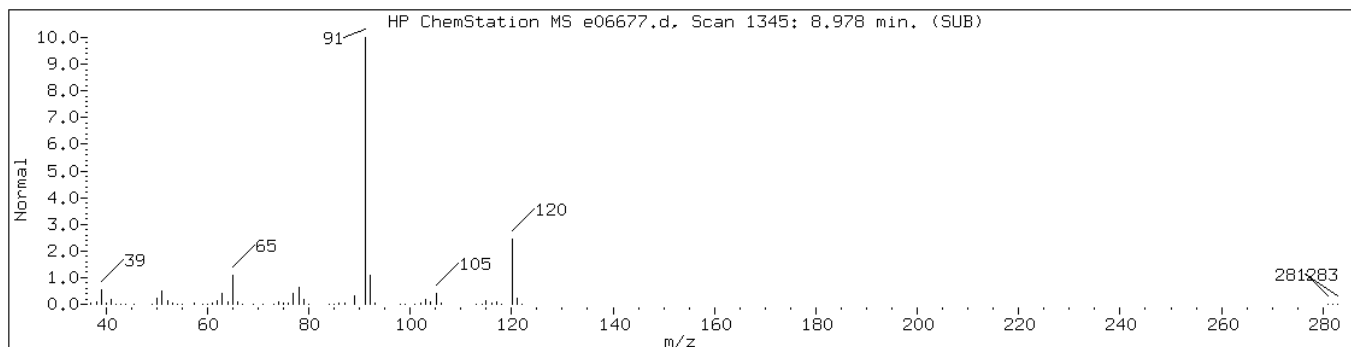
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.1	9108	94	C9H12	120
Propanenitrile, 3-[(phenylmethyl)a	706-03-6	NIST02.1	29230	72	C10H12N2	160
1,2-Ethanediamine, N,N'-bis(phenyl	140-28-3	NIST02.1	82555	64	C16H20N2	240



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

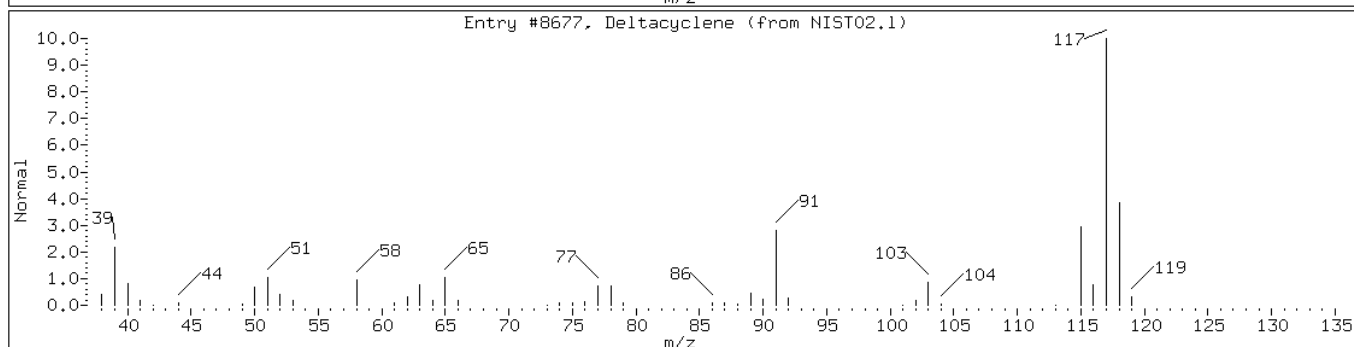
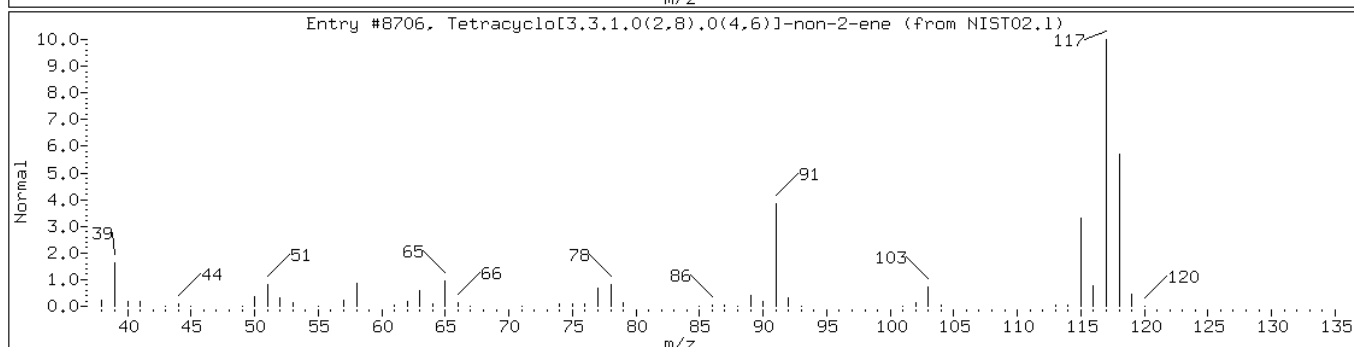
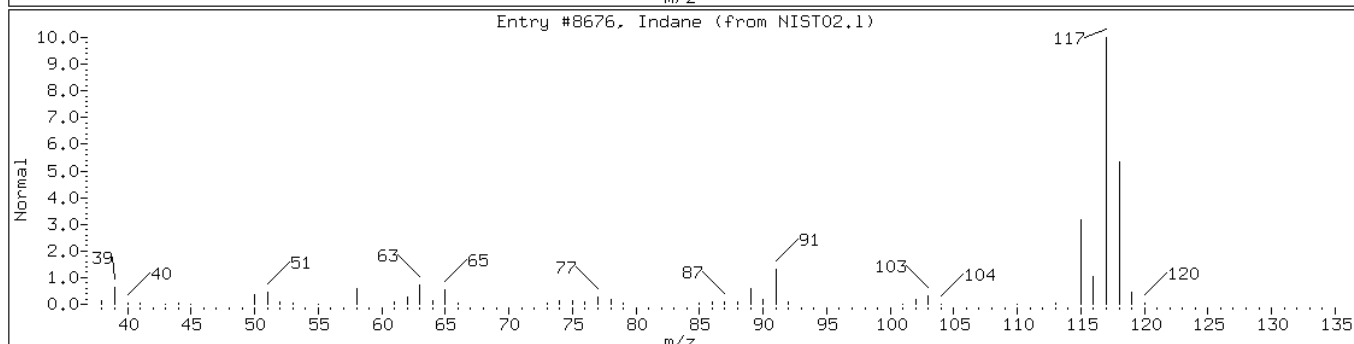
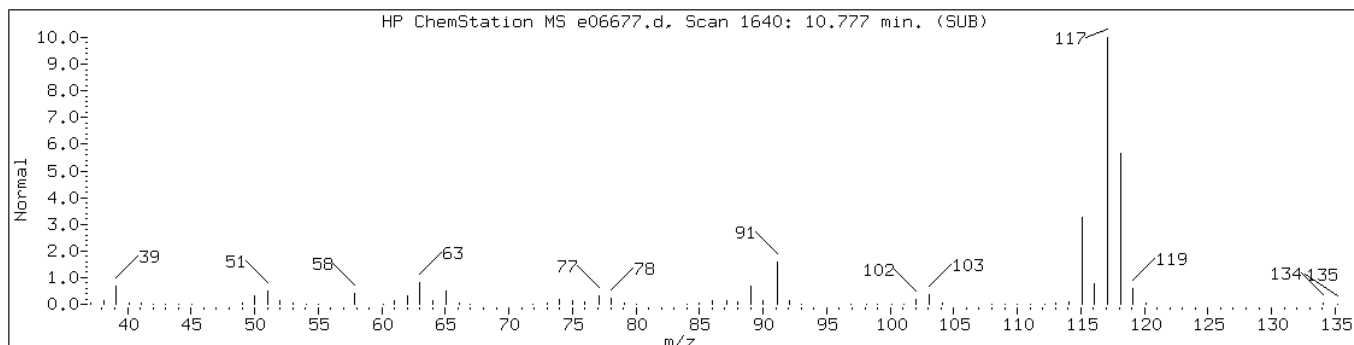
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.1	8706	80	C9H10	118
Deltacyclene	7785-10-6	NIST02.1	8677	72	C9H10	118



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

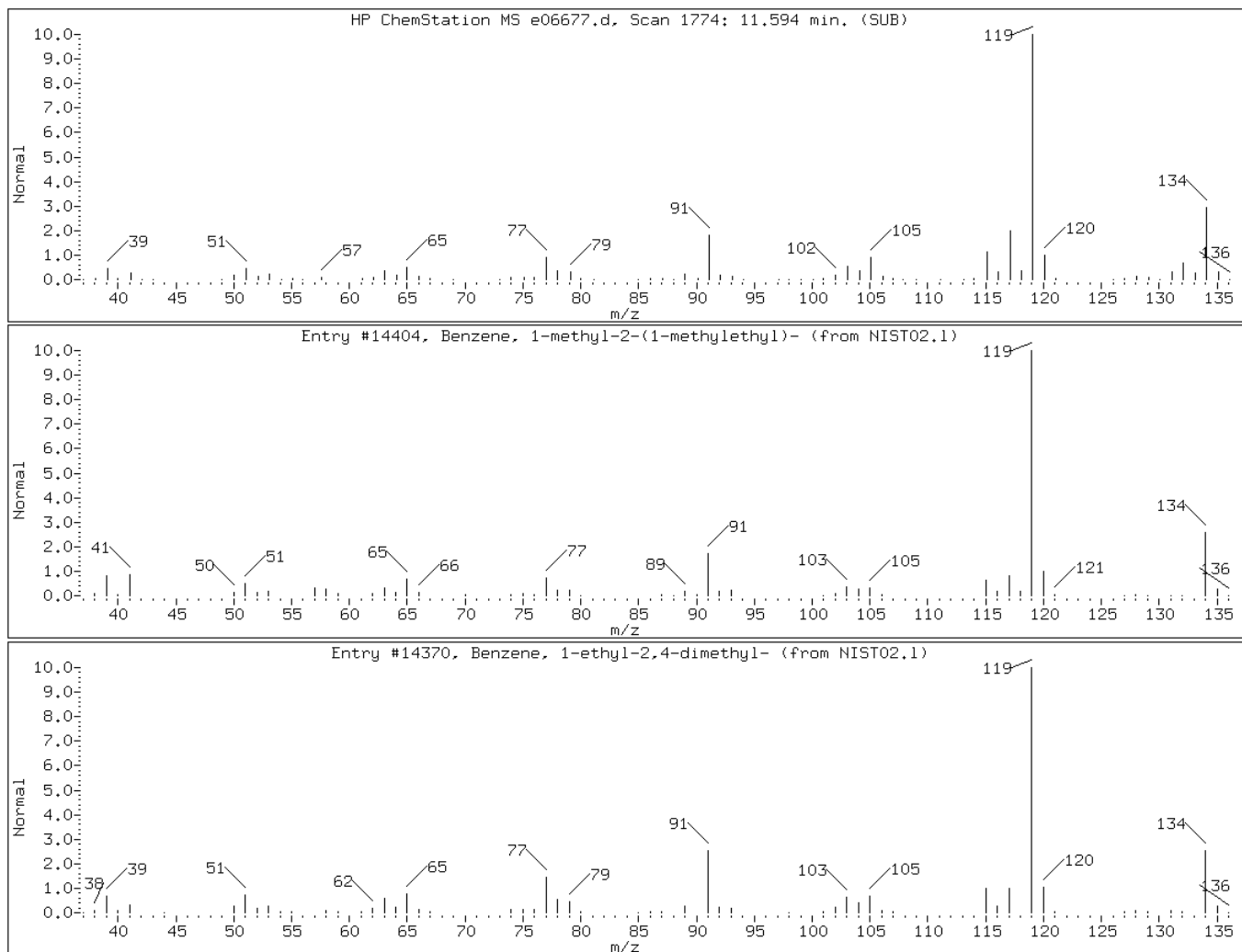
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl dimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl)	527-84-4	NIST02.1	14404	94	C ₁₀ H ₁₄	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.1	14370	93	C ₁₀ H ₁₄	134



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

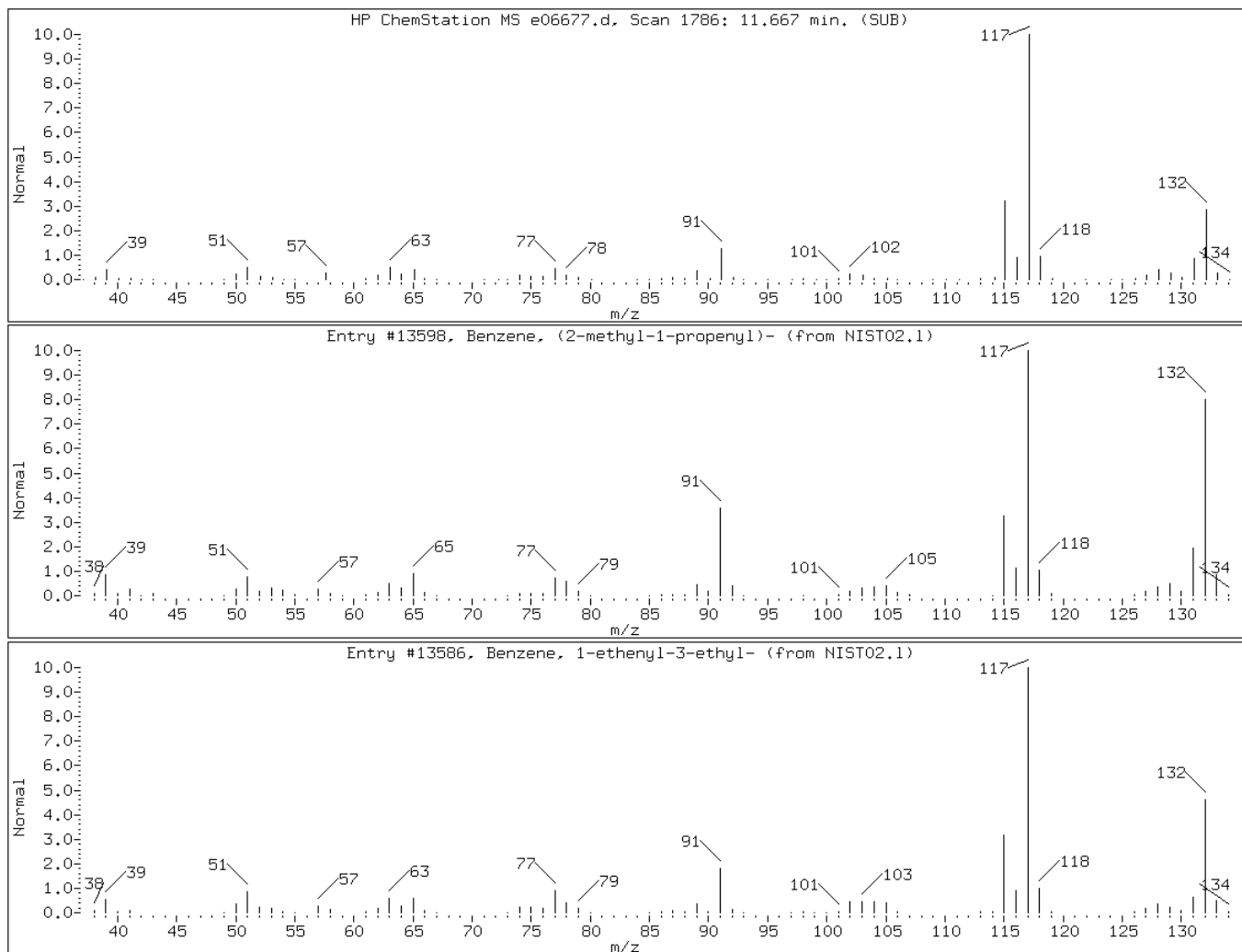
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 11.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.1	13598	91	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	91	C10H12	132



Data File: e06677.d

Date: 13-AUG-2012 07:51

Client ID:

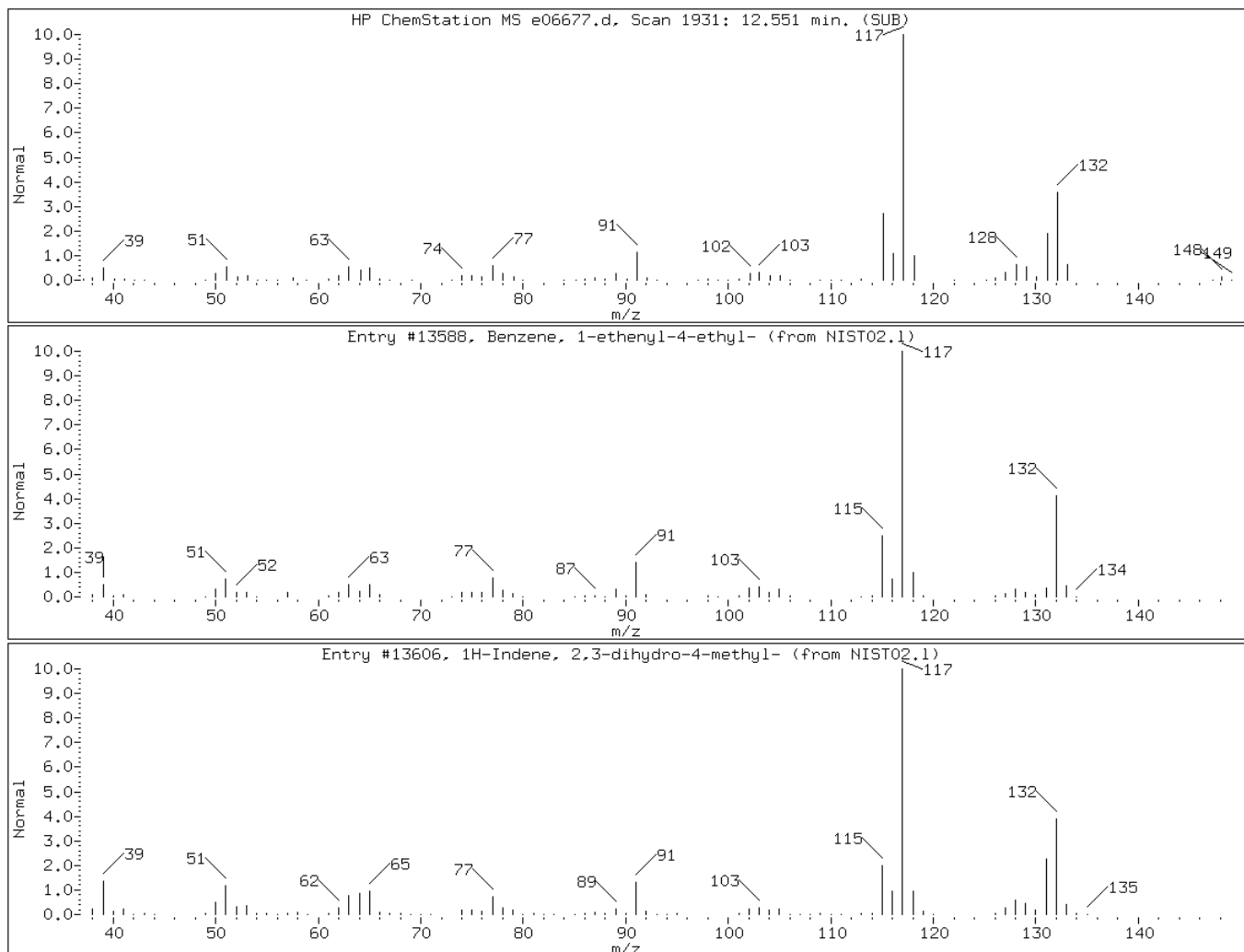
Instrument: VOAMS5.i

Sample Info: 460-43415-A-2

Operator: GC/MS VOAMS5

Retention Time: 12.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.L	13606	90	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-3
 Matrix: Water Lab File ID: e06739.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 11:15
 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.: 124030 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	0.22	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	42		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)	11		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	500		1.0	0.10
110-82-7	Cyclohexane	31		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	15		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	8.6		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	130		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-3
 Matrix: Water Lab File ID: e06739.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 11:15
 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.: 124030 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	79		3.0	0.36
100-42-5	Styrene	10		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	33		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	100		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-3
 Matrix: Water Lab File ID: e06739.d
 Analysis Method: 8260B Date Collected: 08/10/2012 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 11:15
 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.: 124030 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 515

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C5H10 Cycloalkane	1.74	39	J
103-65-1	Benzene, propyl-	8.98	57	J N
	Ethylmethylbenzene isomer	9.62	22	J
496-11-7	Indane	10.78	130	J N
	Ethyl dimethylbenzene isomer	11.59	55	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	56	J
	Tetramethylbenzene isomer	12.11	25	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.37	31	J
	2,3-dihydro-methyl-1H-Indene isomer-2	12.55	48	J
91-20-3	Naphthalene	13.28	52	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06739.d
 Report Date: 14-Aug-2012 22:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06739.d
 Lab Smp Id: 460-43415-C-3
 Inj Date : 14-AUG-2012 11:15
 Operator : GC/MS VOAMS5
 Smp Info : 460-43415-C-3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 22:09 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.d
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 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	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
16 Acetone	58	1.882	1.888	(0.523)	10480	42.1179	42	
38 2-Butanone	72	3.065	3.071	(0.852)	5094	10.6061	11	
44 Cyclohexane	56	2.784	2.778	(0.774)	143232	30.9295	31	
48 Benzene	78	3.254	3.254	(0.468)	161614	15.2748	15	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	212389	52.7925	53	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	654900	50.0000		
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	39882	8.58366	8.6	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	677655	49.5407	50	
66 Toluene	91	5.162	5.162	(0.742)	1731453	129.586	130	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	596909	50.0000		
81 Ethylbenzene	106	7.076	7.064	(1.018)	2500740	499.023	500	
82 m+p-Xylene	106	7.277	7.277	(1.046)	437205	68.6552	69	
84 o-Xylene	106	7.862	7.862	(1.131)	64967	10.0978	10	
85 Styrene	104	7.942	7.942	(1.142)	111380	9.97284	10	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	571453	33.0706	33	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	333340	50.0957	50	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06739.d
 Report Date: 14-Aug-2012 22:28

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	====	==	=====	=====	=====	=====	=====	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	387100	50.0000		
111 1,2-Dichlorobenzene	146	11.155	11.154	(1.066)	2050	0.21714	0.22(a)	
M 121 Xylene (Total)	100				502172	78.7530	79	

QC Flag Legend

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

Data File: e06739.d

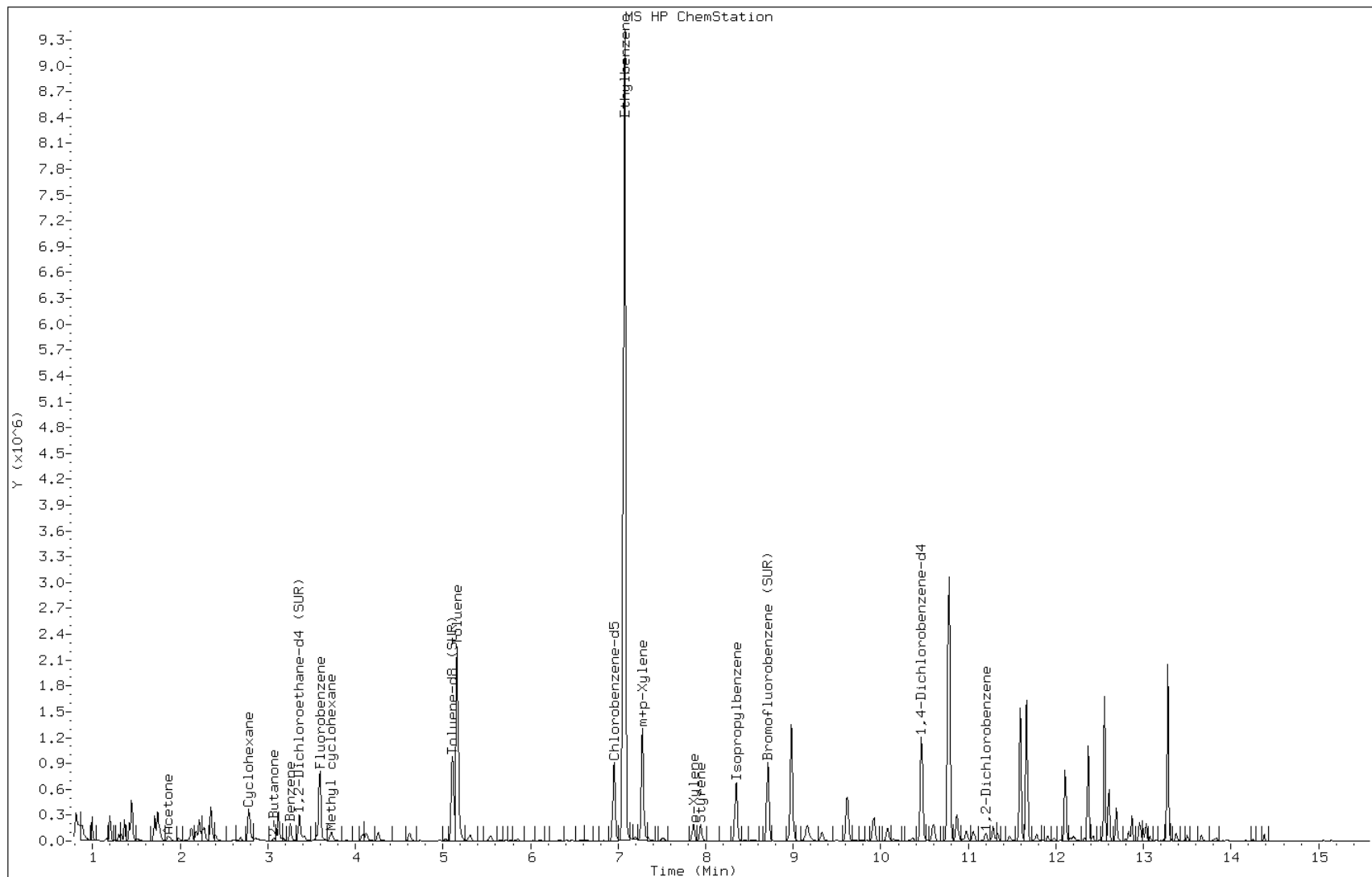
Date: 14-AUG-2012 11:15

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5



Data File: e06739.d

Date: 14-AUG-2012 11:15

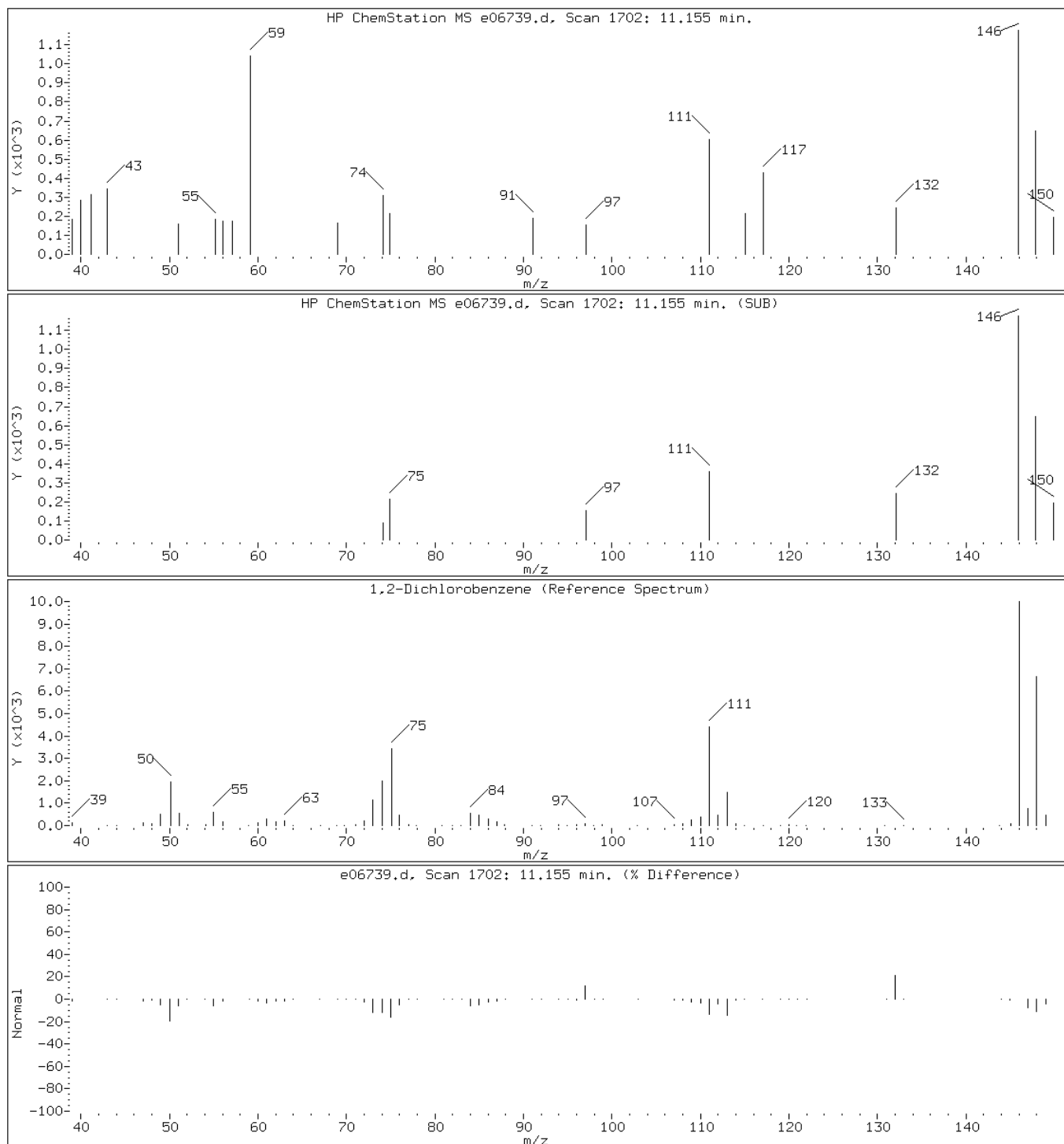
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06739.d

Date: 14-AUG-2012 11:15

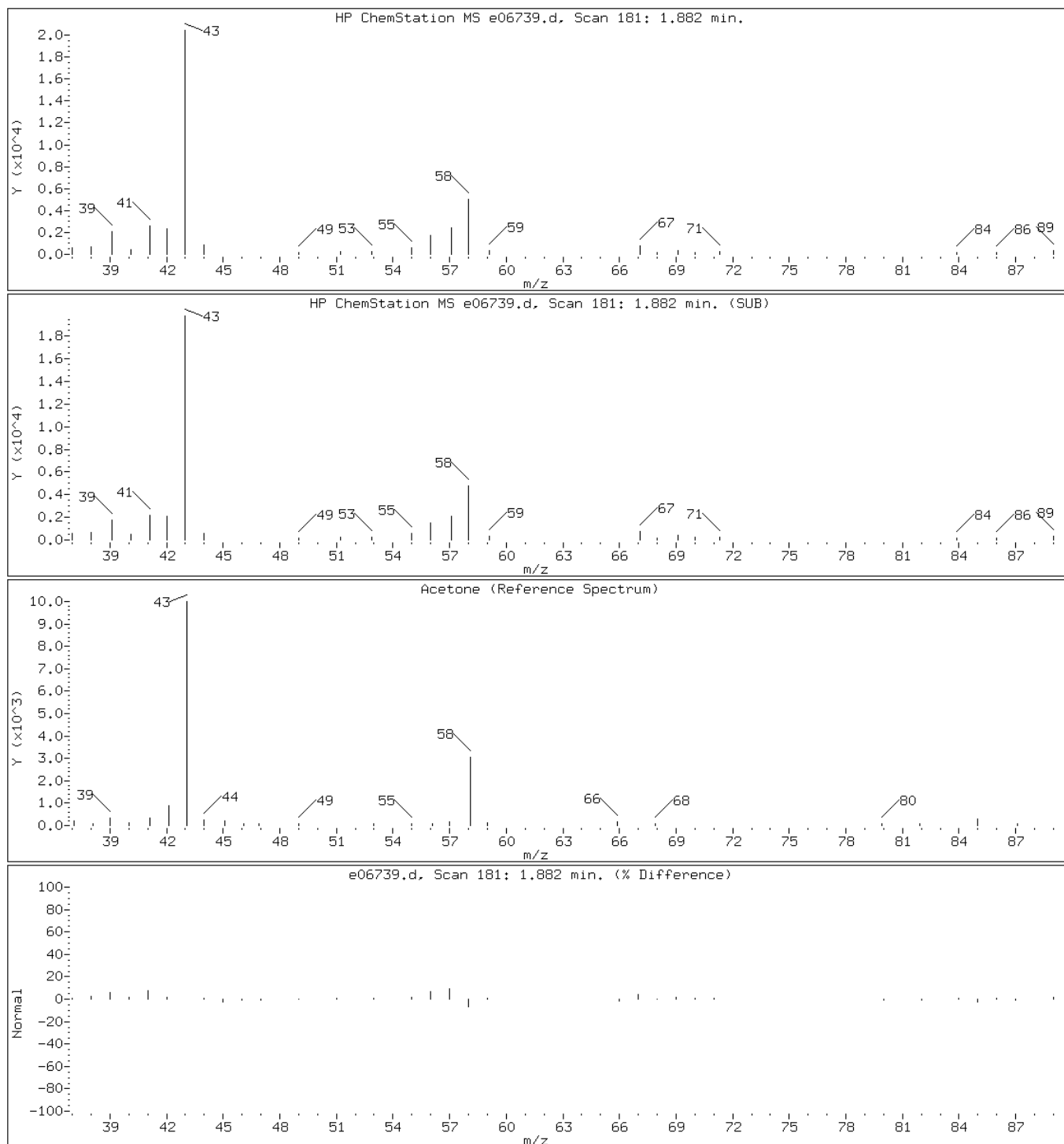
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06739.d

Date: 14-AUG-2012 11:15

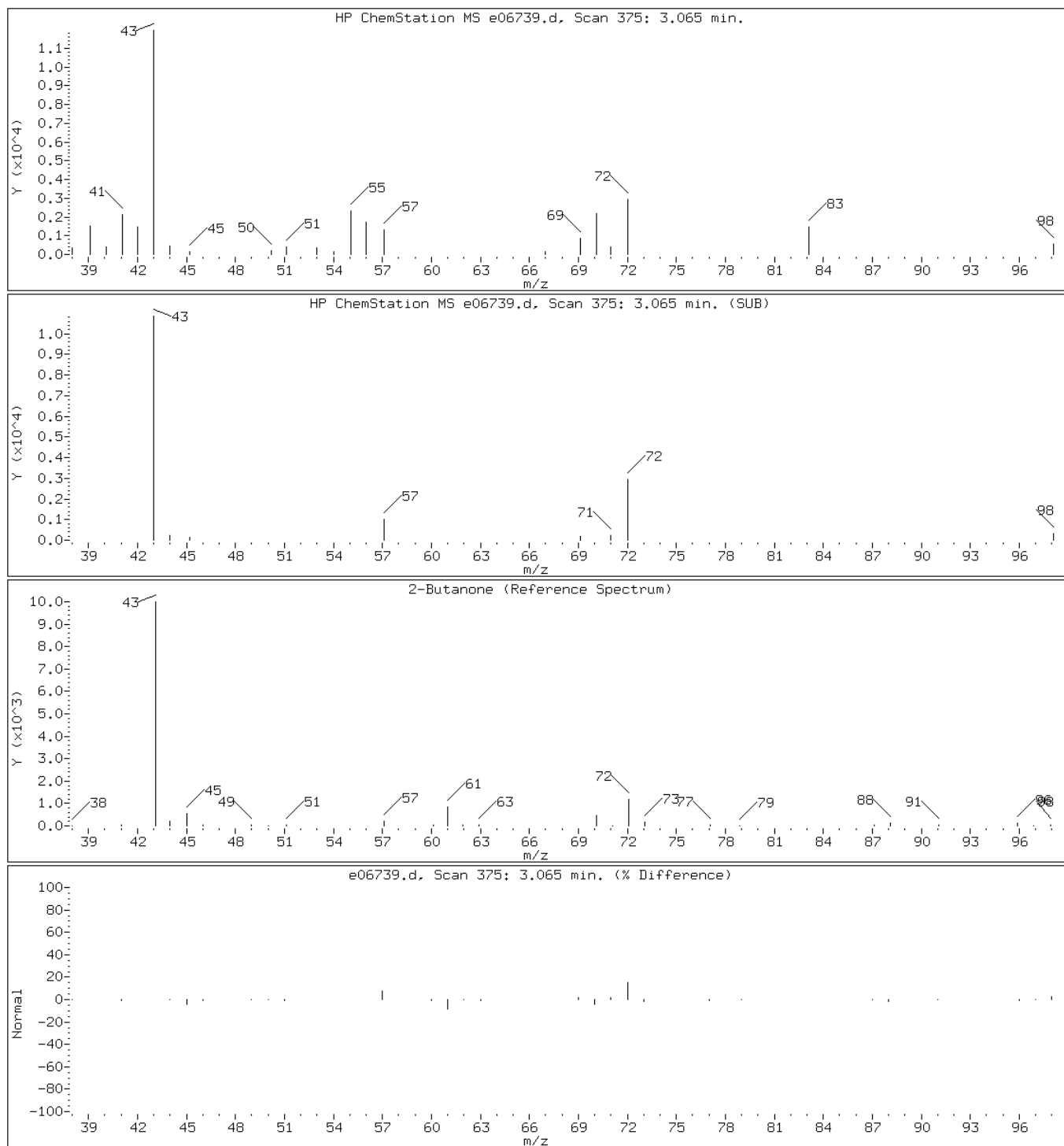
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06739.d

Date: 14-AUG-2012 11:15

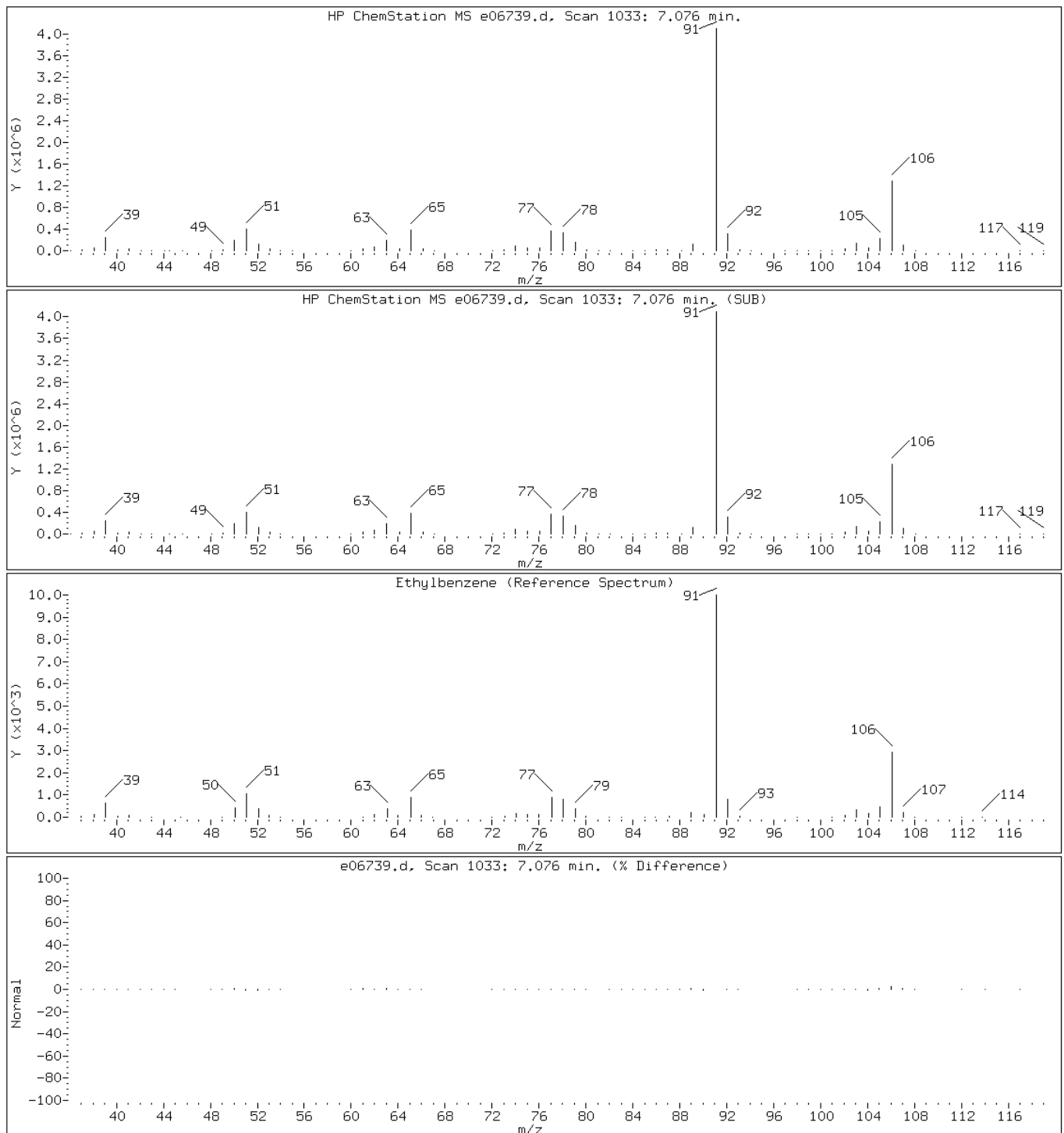
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06739.d

Date: 14-AUG-2012 11:15

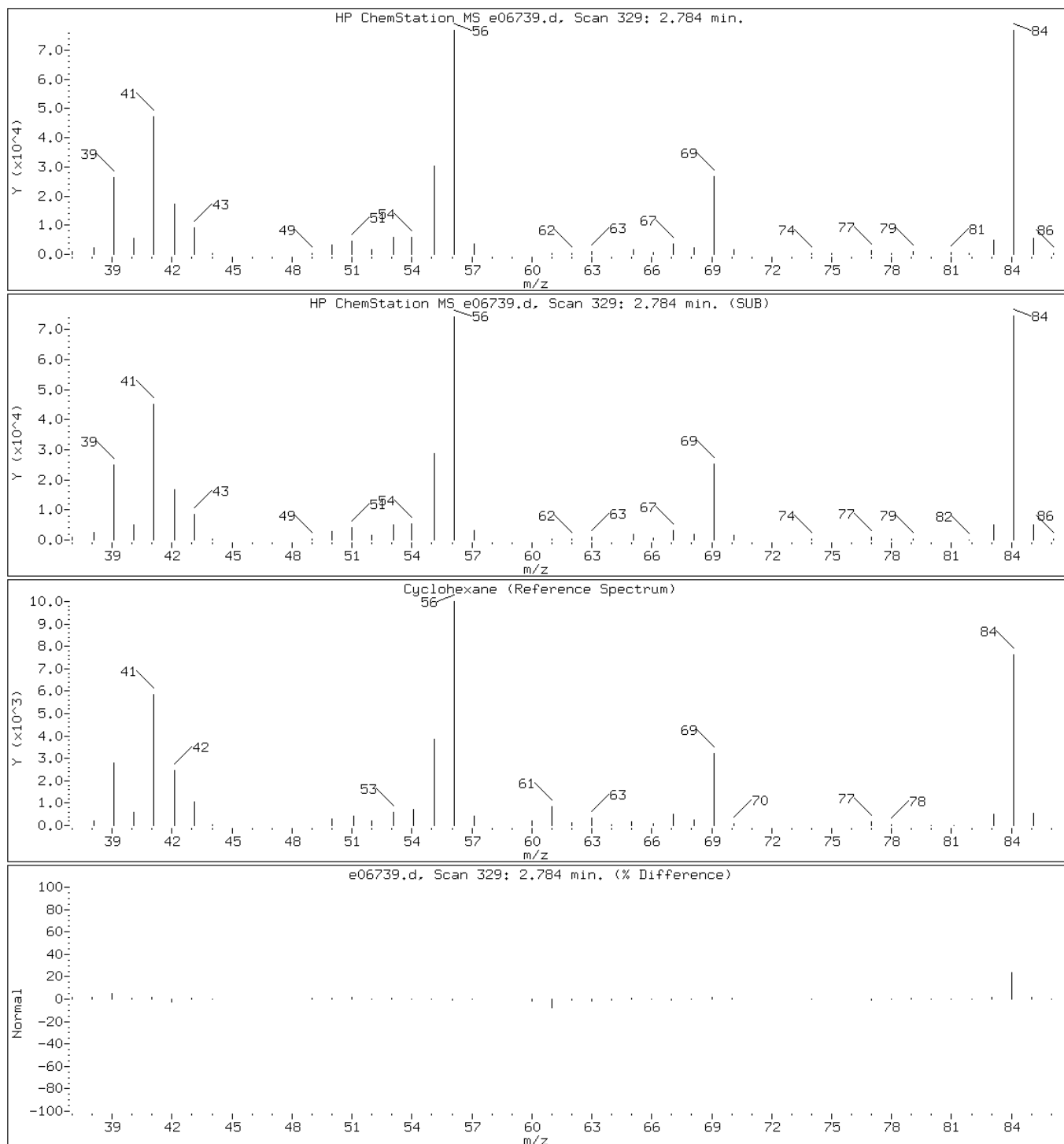
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06739.d

Date: 14-AUG-2012 11:15

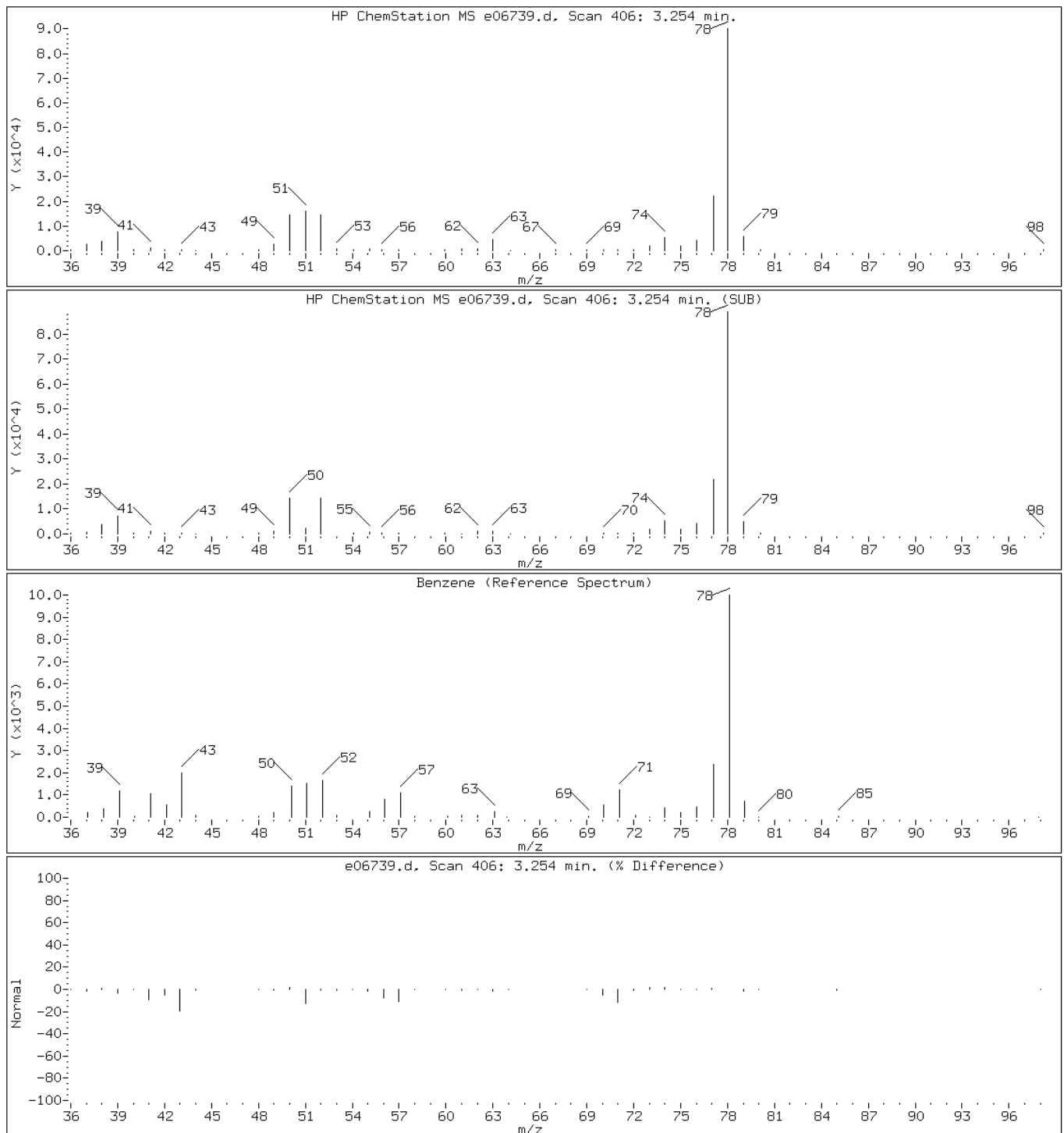
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06739.d

Date: 14-AUG-2012 11:15

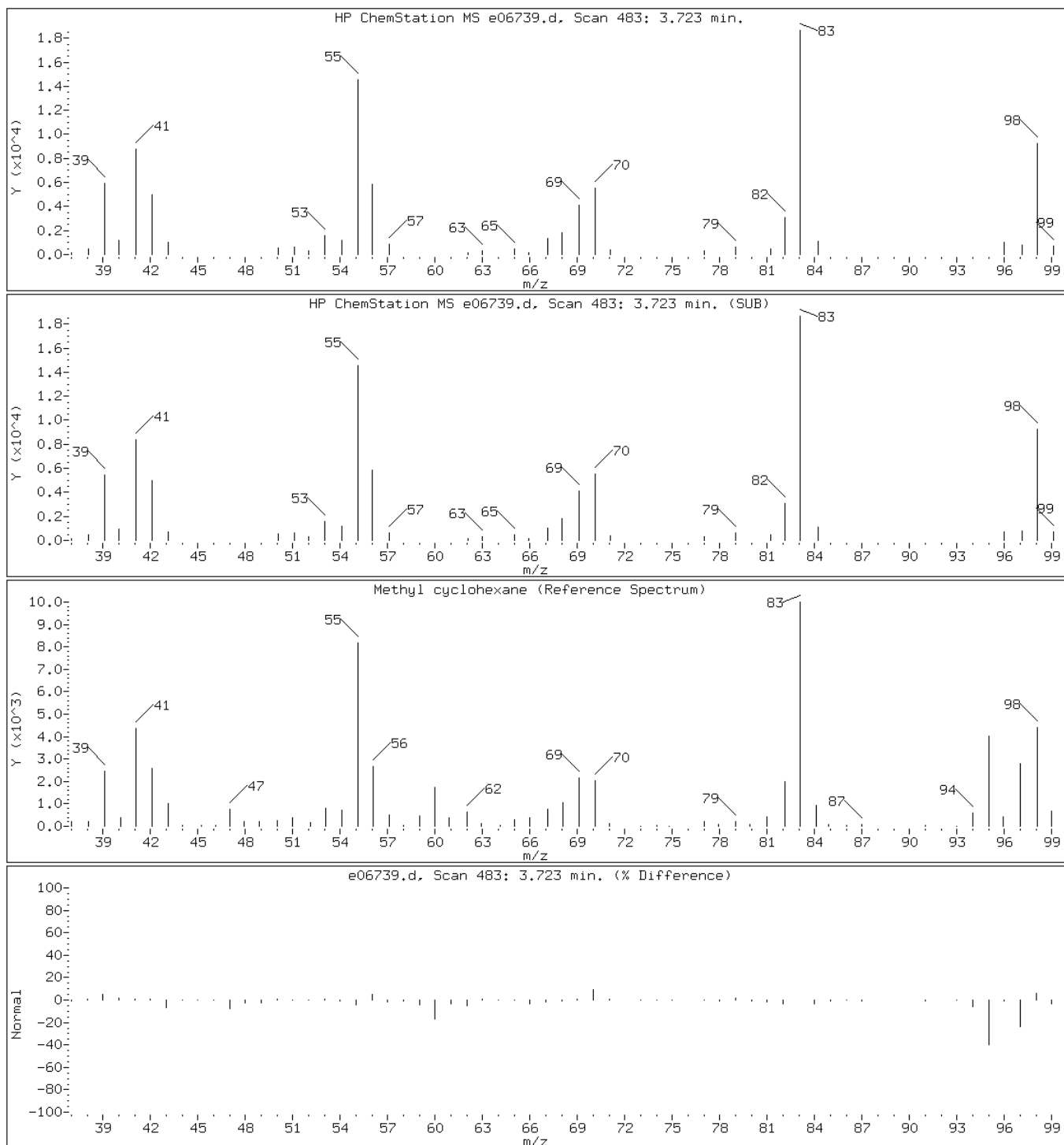
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06739.d

Date: 14-AUG-2012 11:15

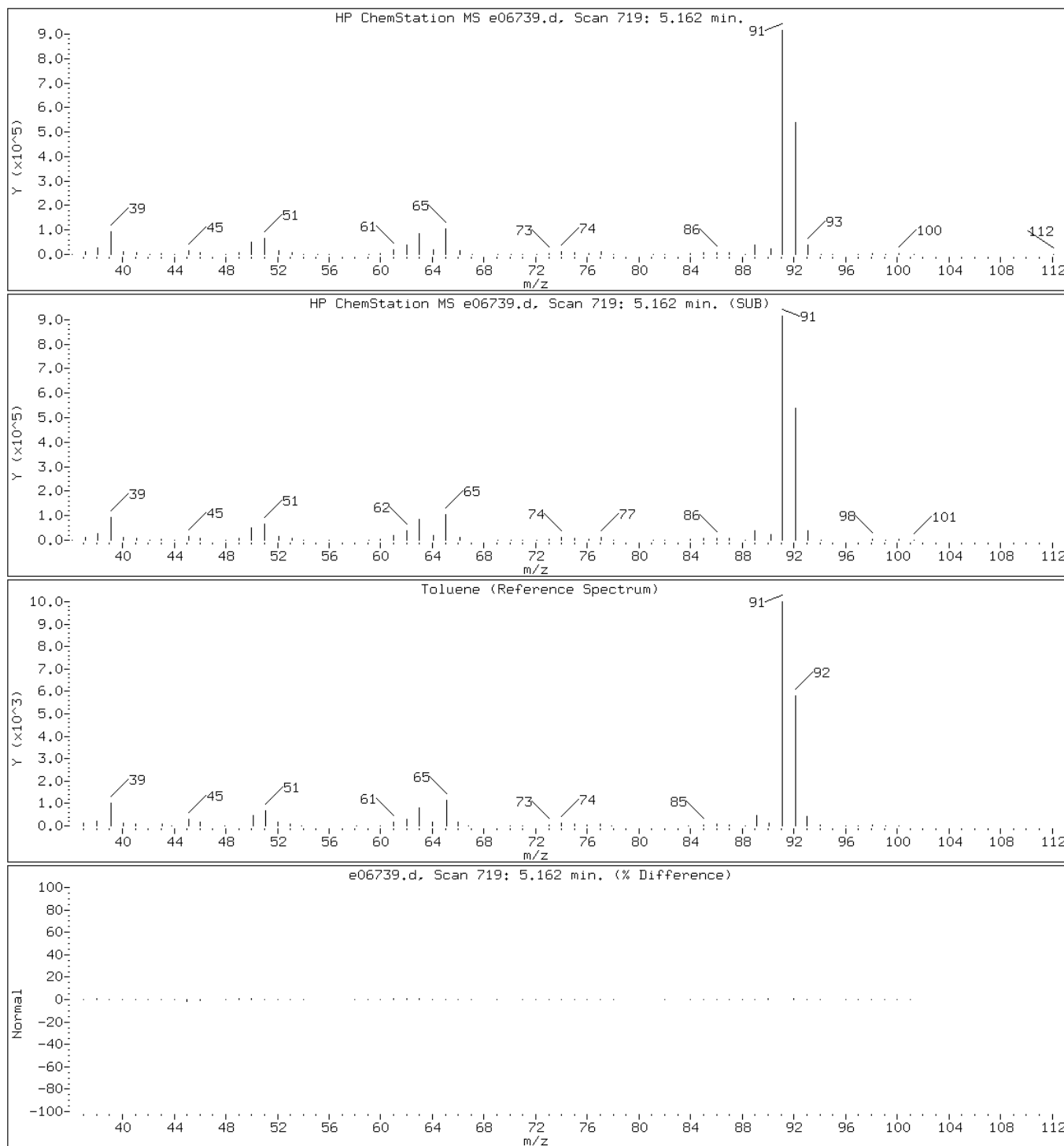
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06739.d

Date: 14-AUG-2012 11:15

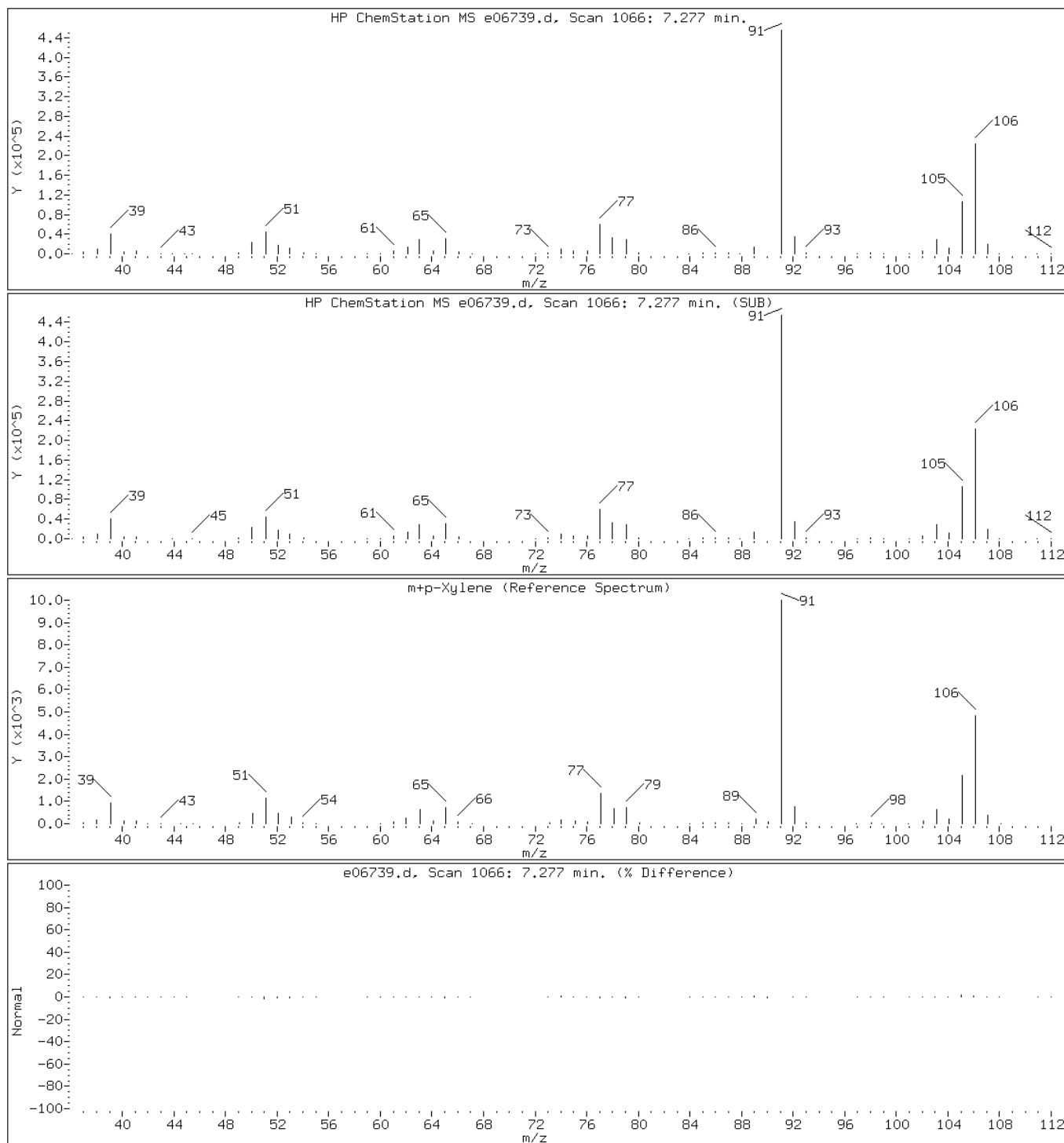
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06739.d

Date: 14-AUG-2012 11:15

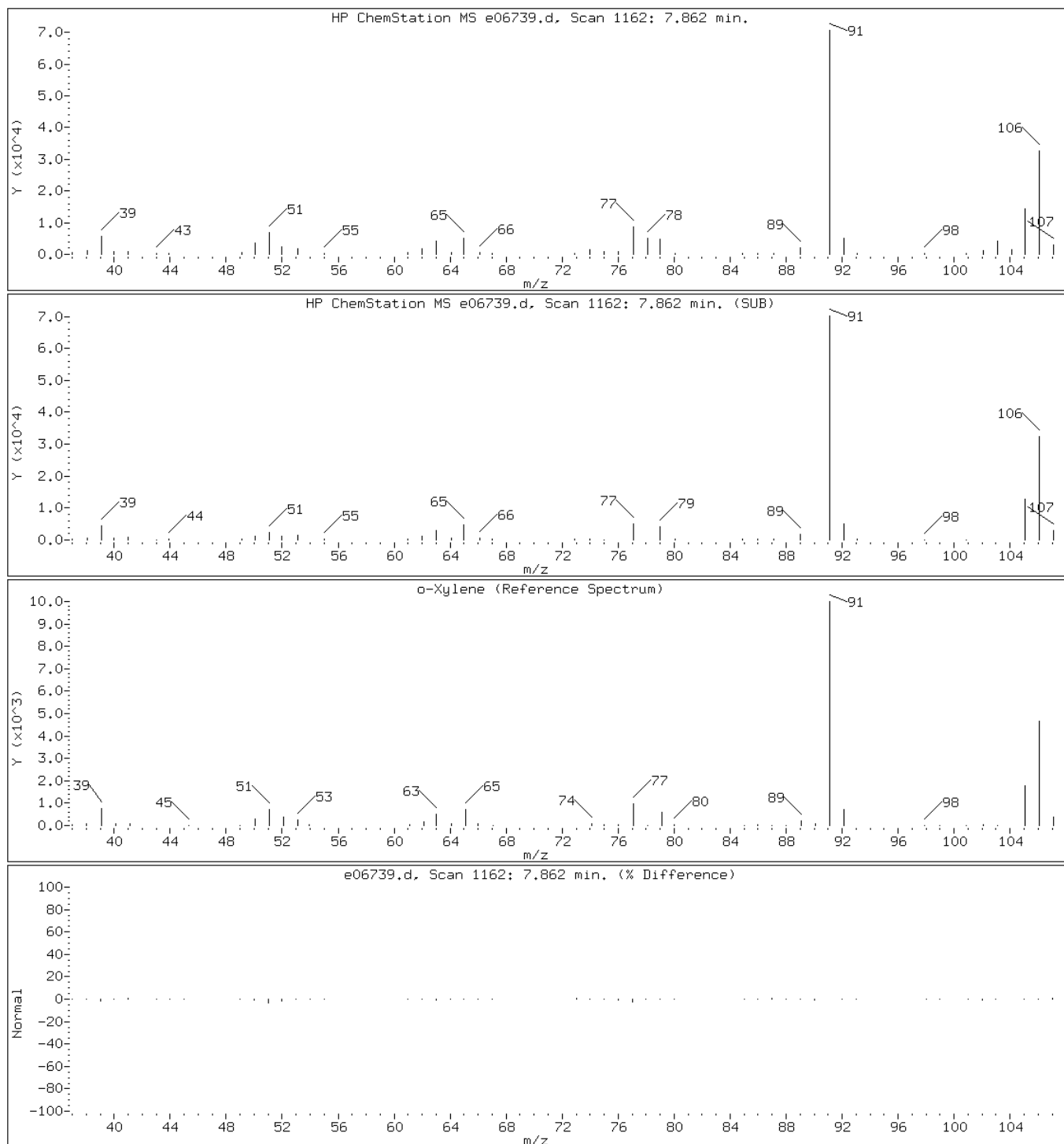
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06739.d

Date: 14-AUG-2012 11:15

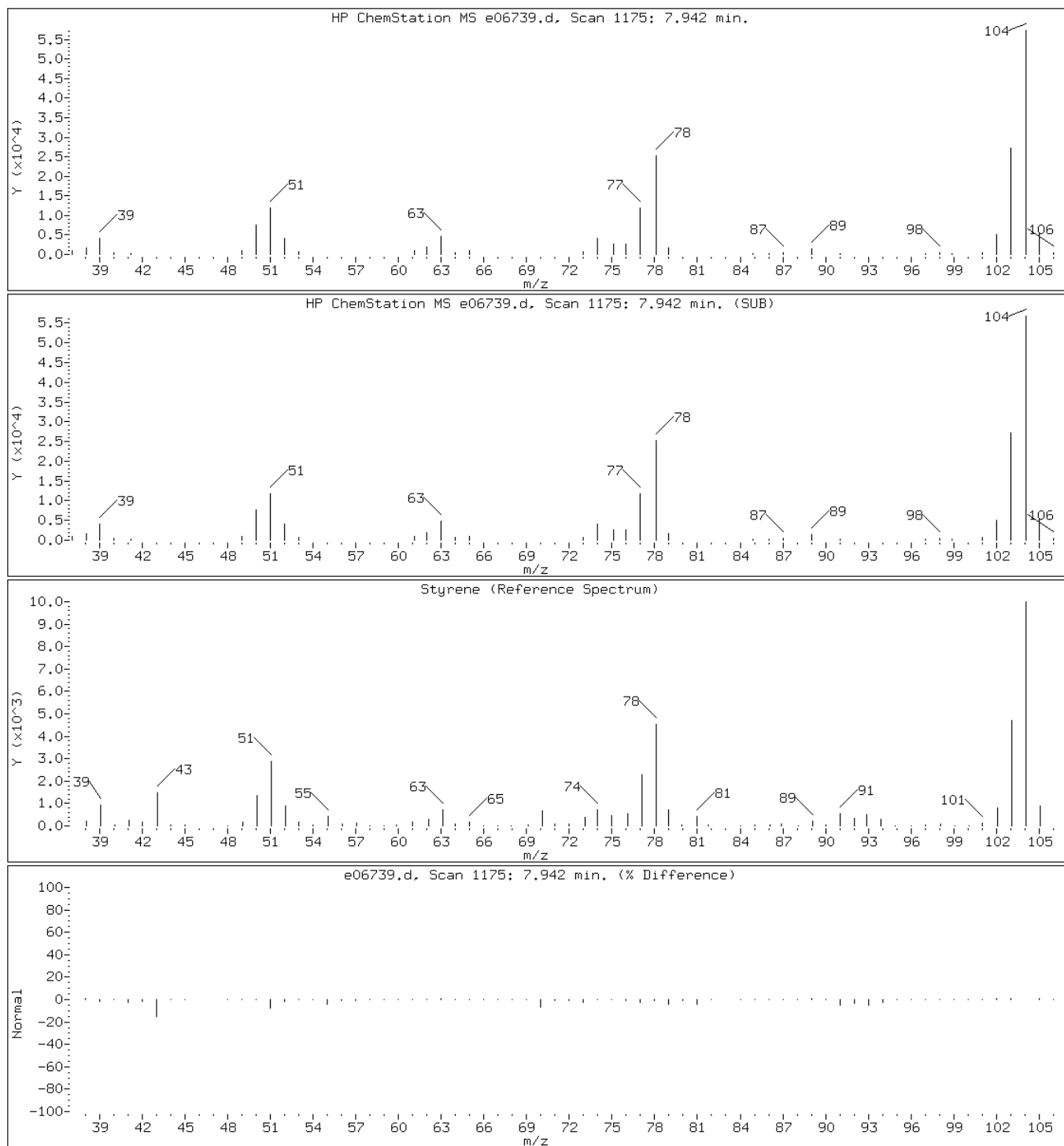
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06739.d

Date: 14-AUG-2012 11:15

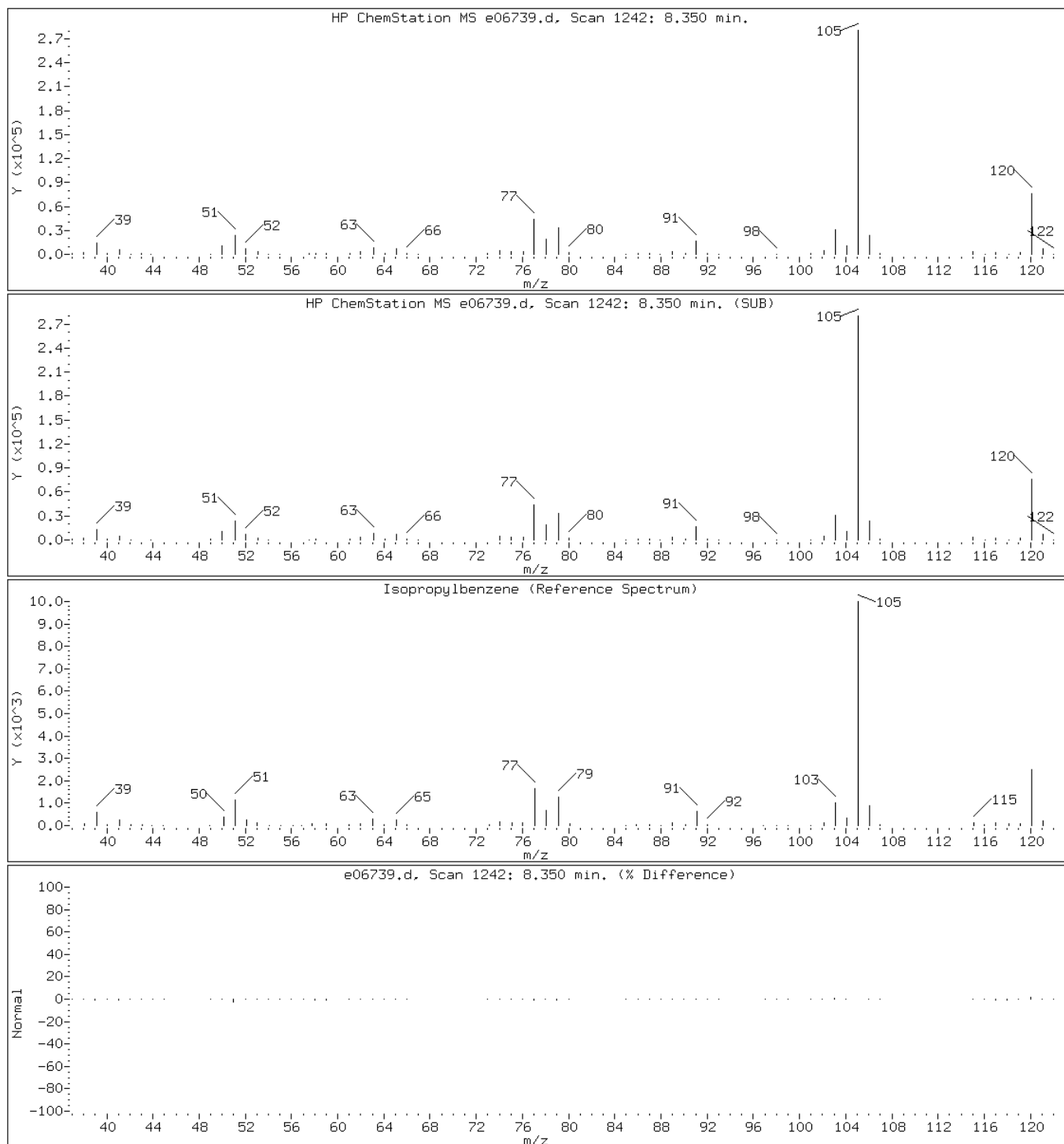
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

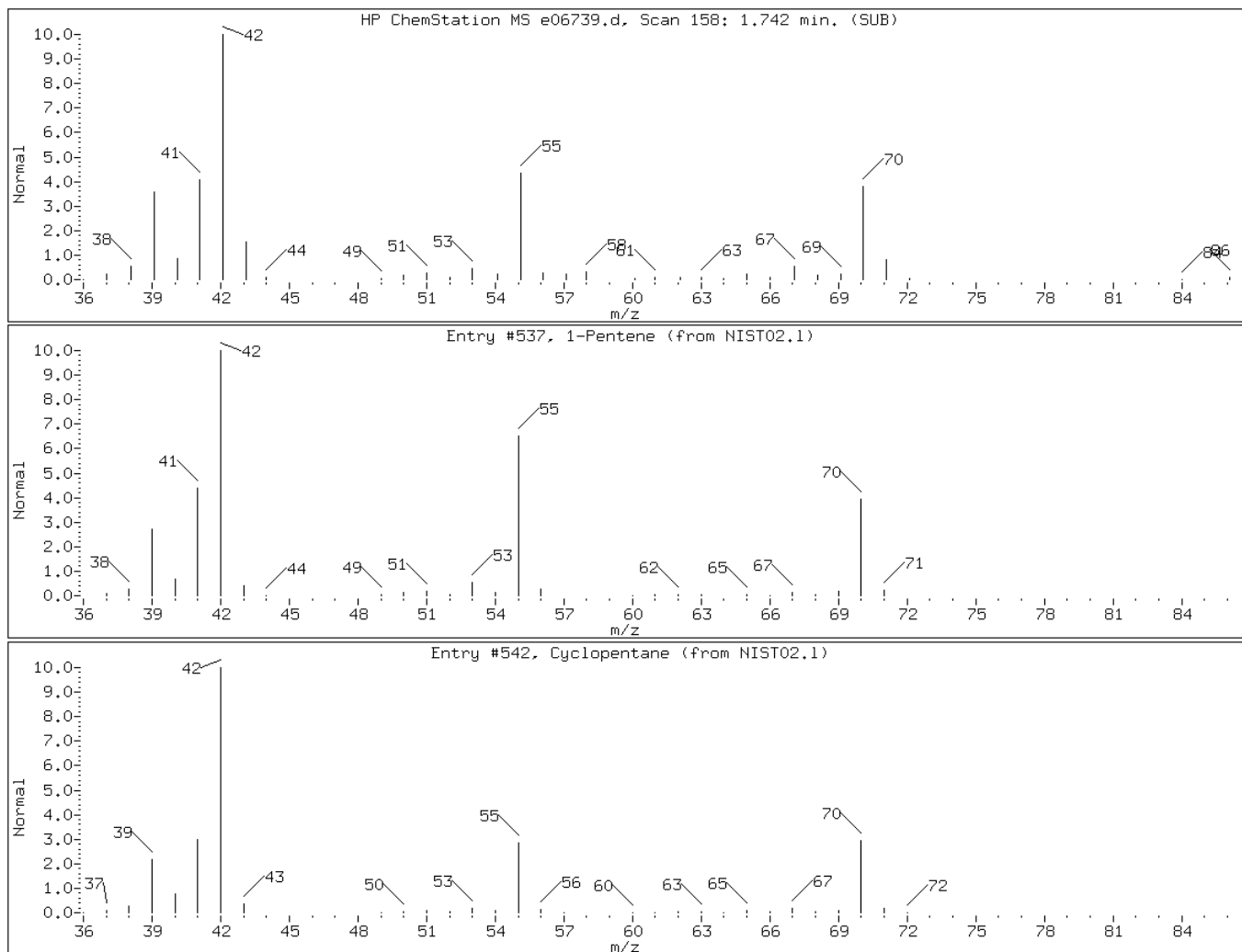
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
1-Pentene	109-67-1	NIST02.1	537	80	C5H10	70
Cyclopentane	287-92-3	NIST02.1	542	78	C5H10	70



Date: 14-AUG-2012 11:15

Client ID:

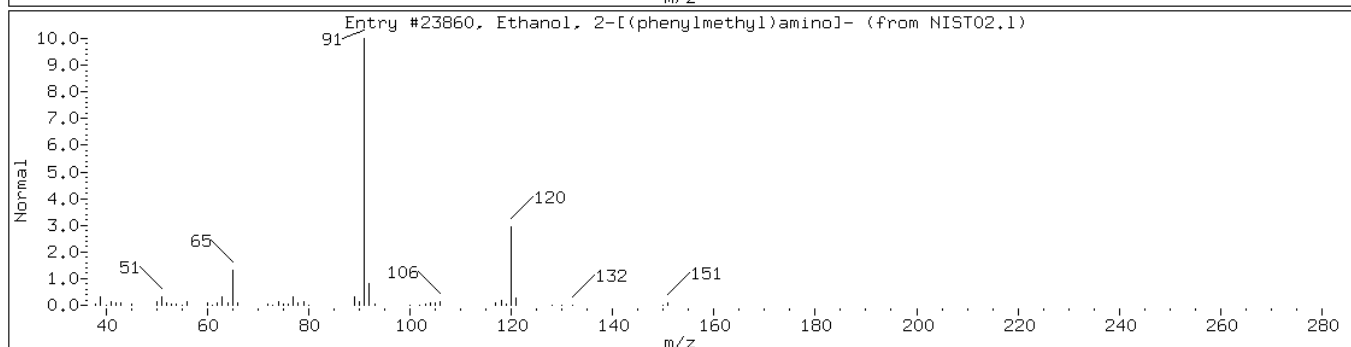
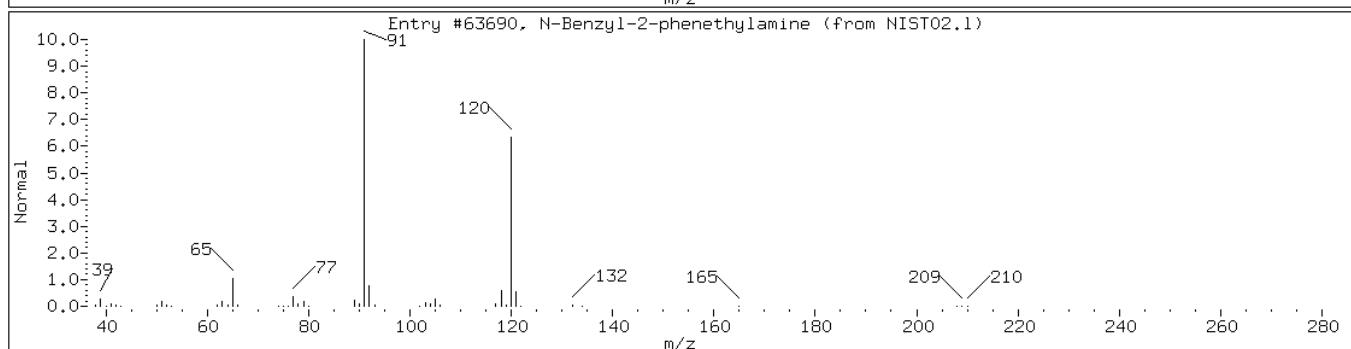
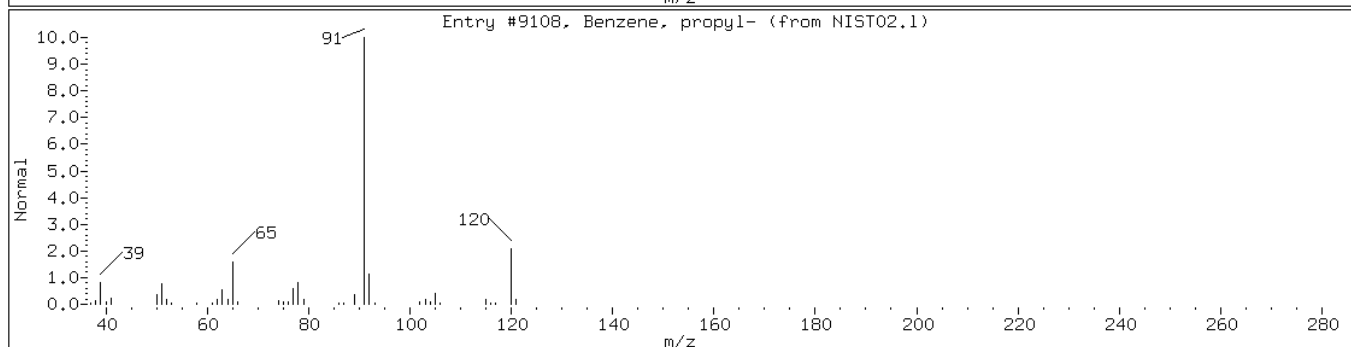
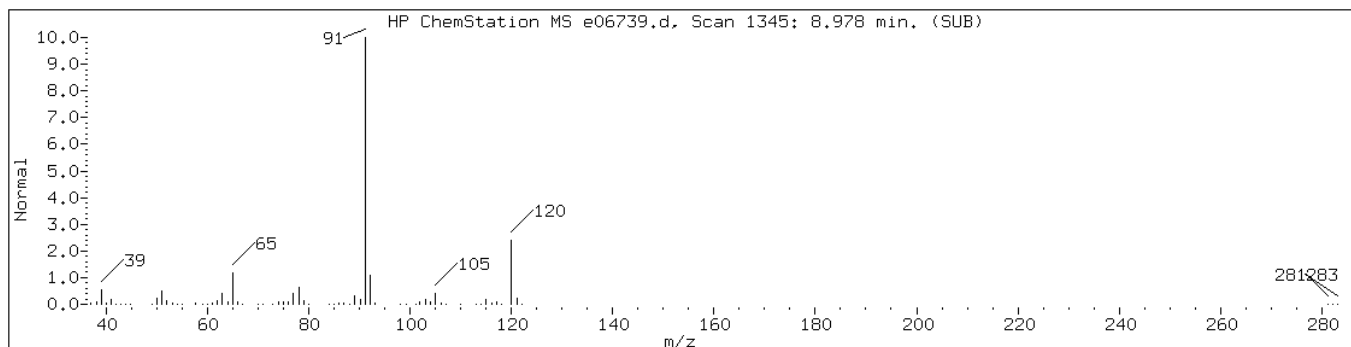
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.1	9108	94	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.1	63690	78	C15H17N	211
Ethanol, 2-[(phenylmethyl)amino]-	104-63-2	NIST02.1	23860	72	C9H13NO	151



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

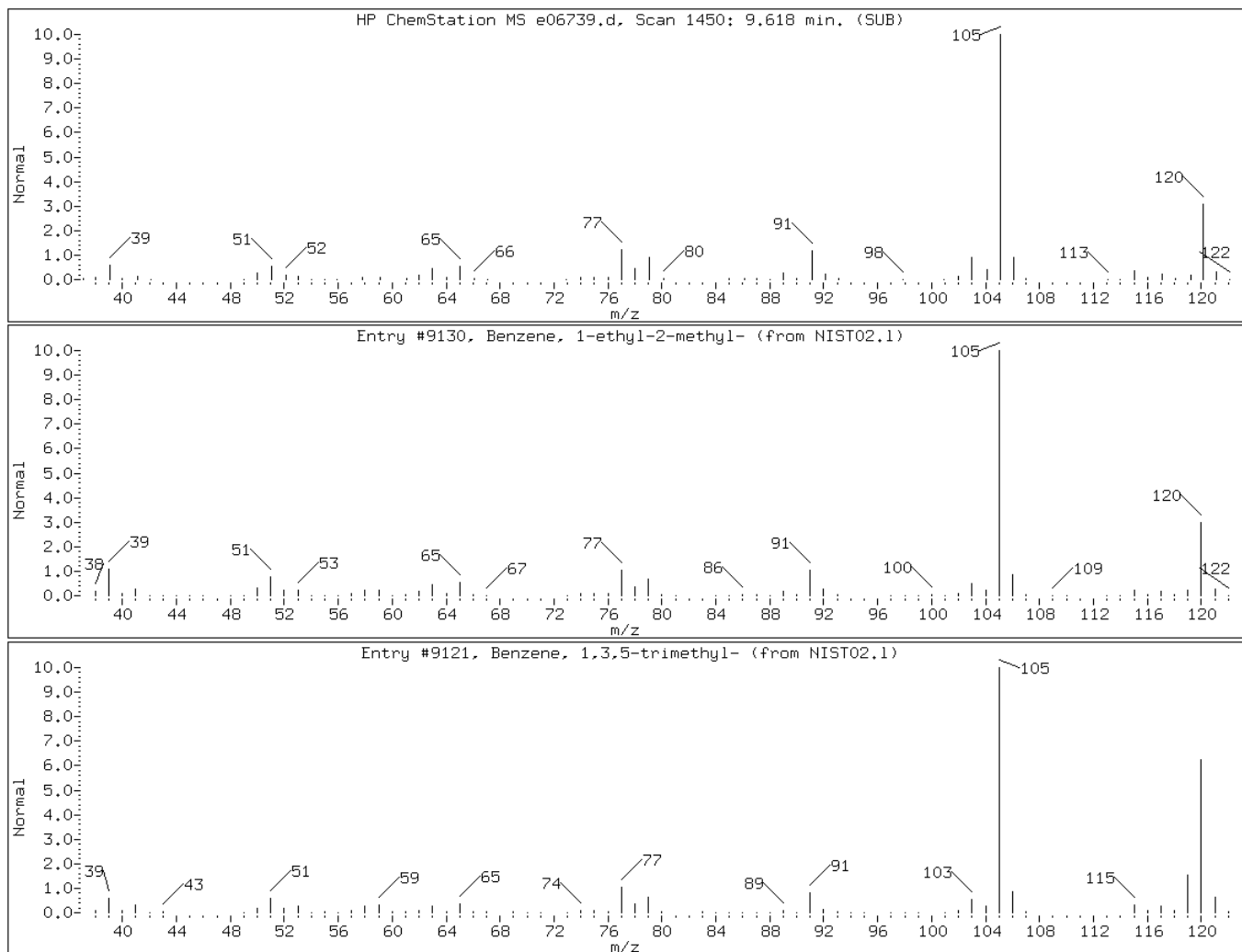
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	94	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	91	C9H12	120



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

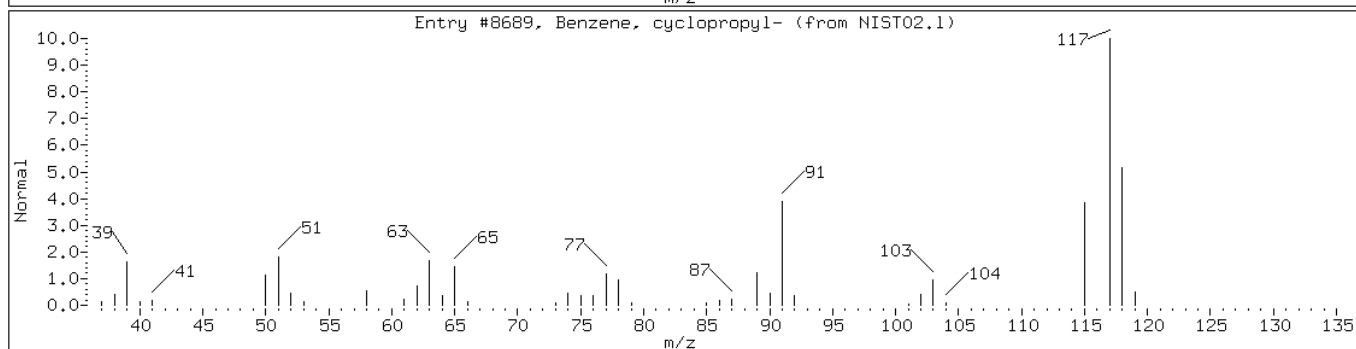
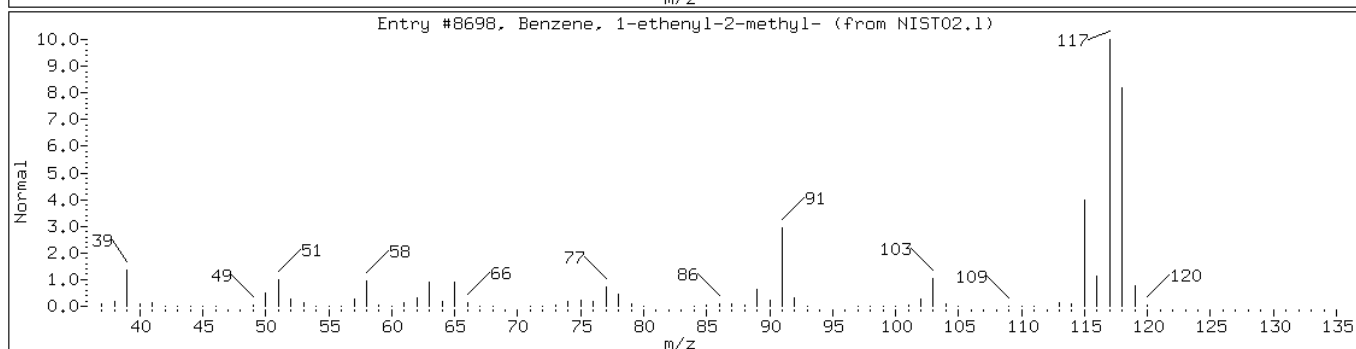
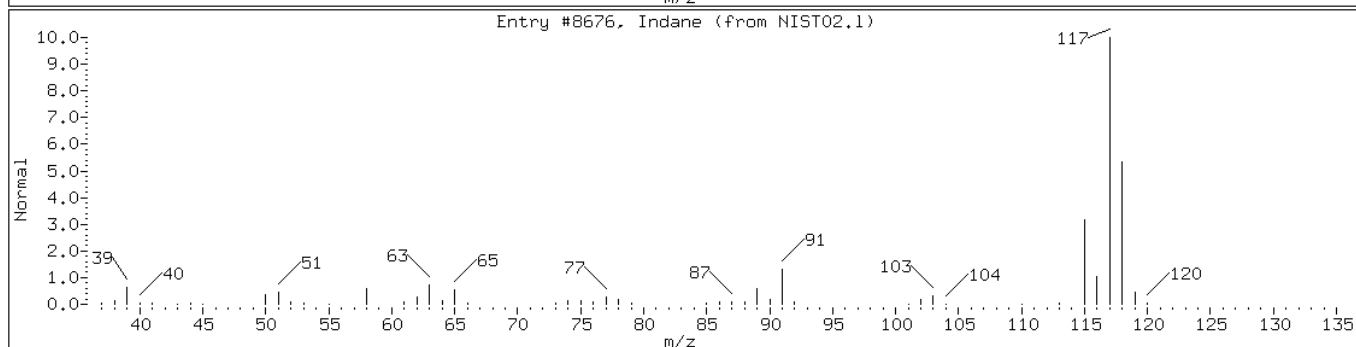
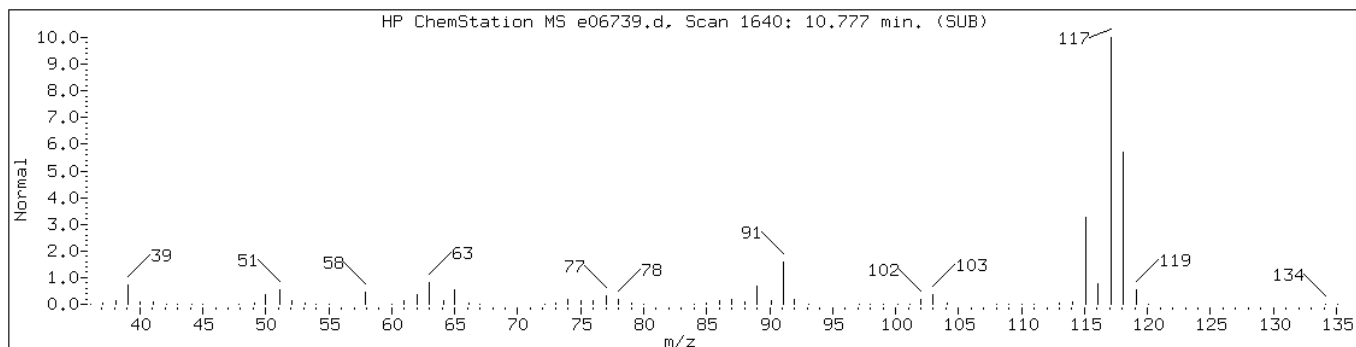
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	81	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.1	8689	76	C9H10	118



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

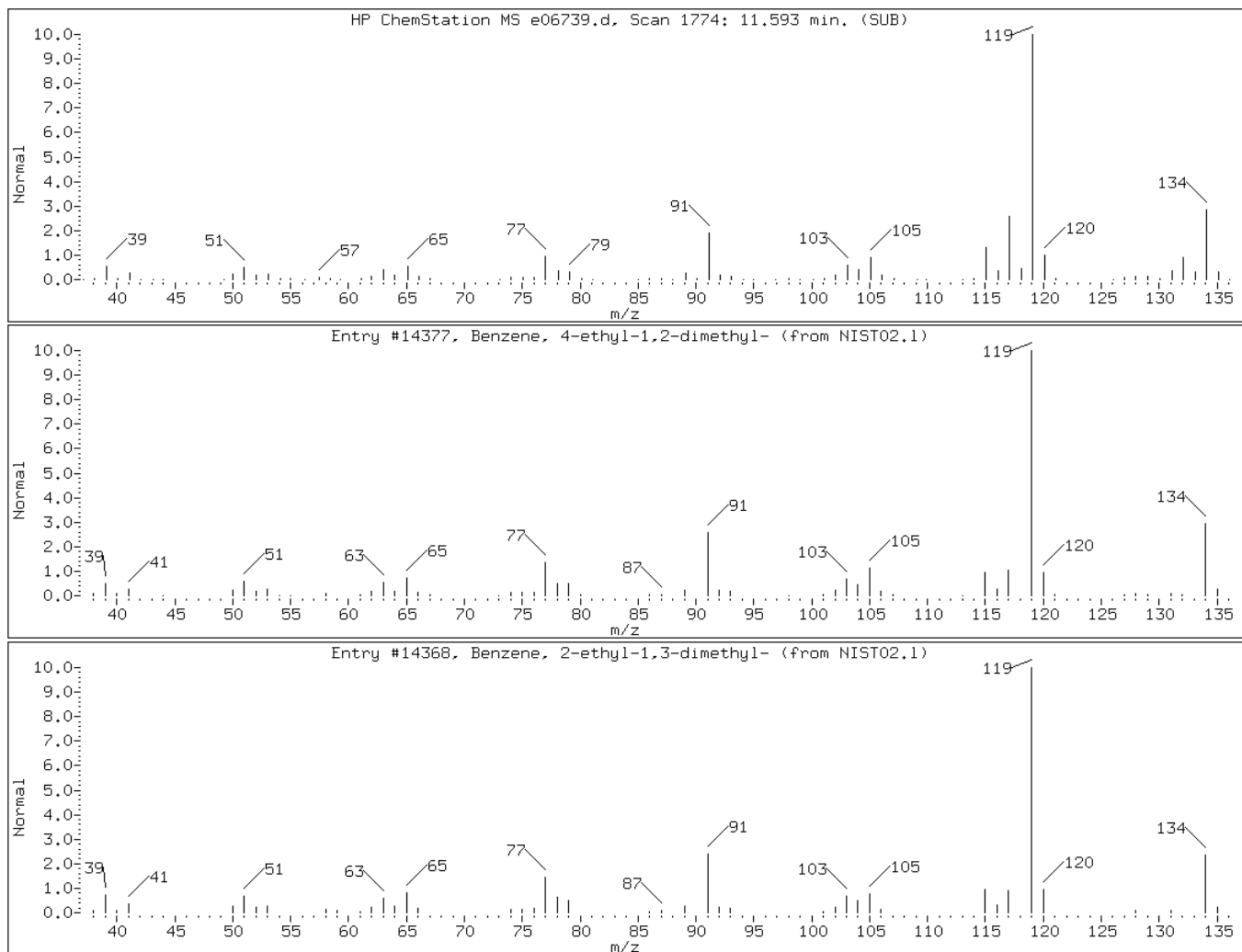
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl dimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.1	14377	94	C ₁₀ H ₁₄	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.1	14368	94	C ₁₀ H ₁₄	134



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

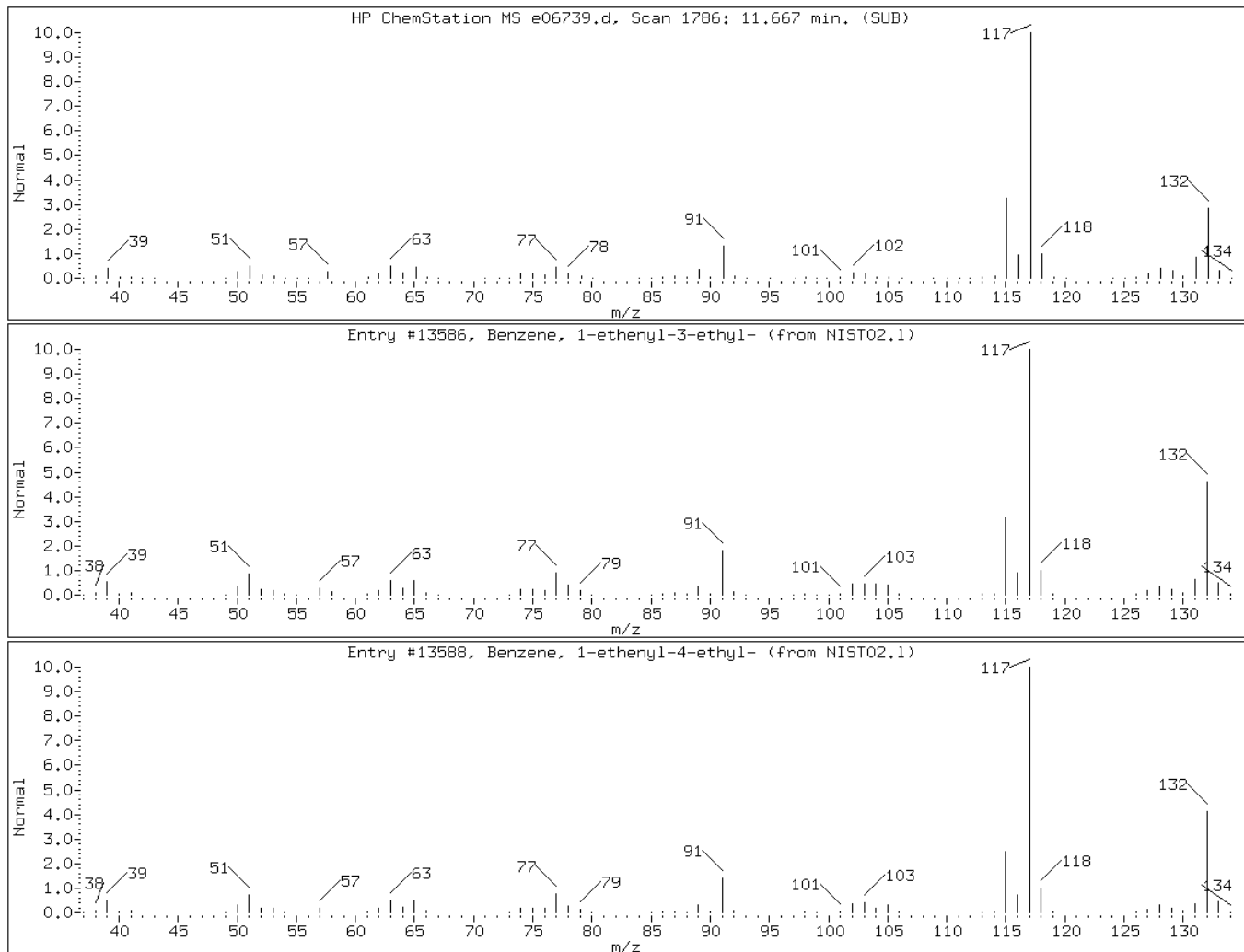
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 11.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	91	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.1	13588	91	C10H12	132



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

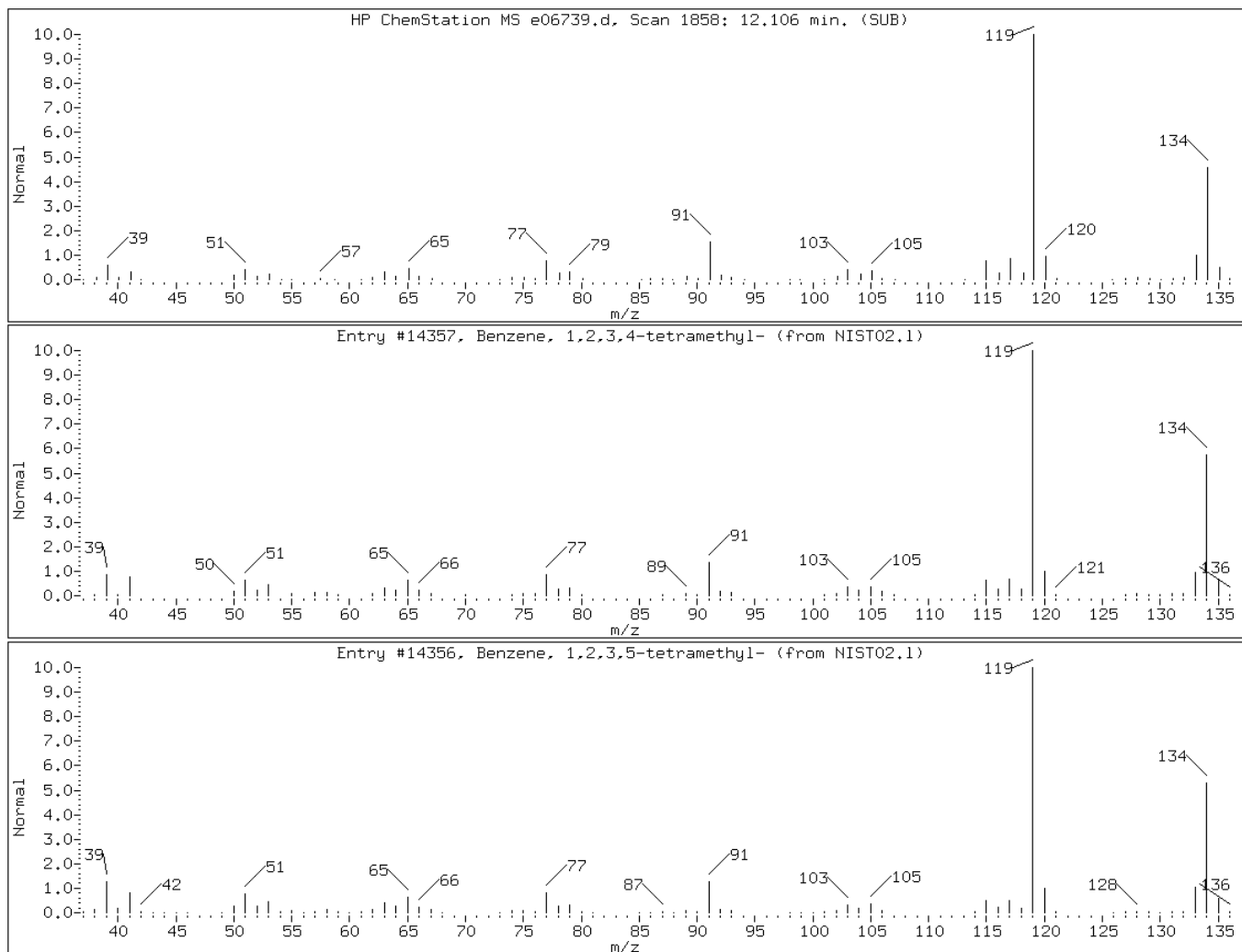
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 12.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.1	14357	97	C ₁₀ H ₁₄	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.1	14356	96	C ₁₀ H ₁₄	134



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

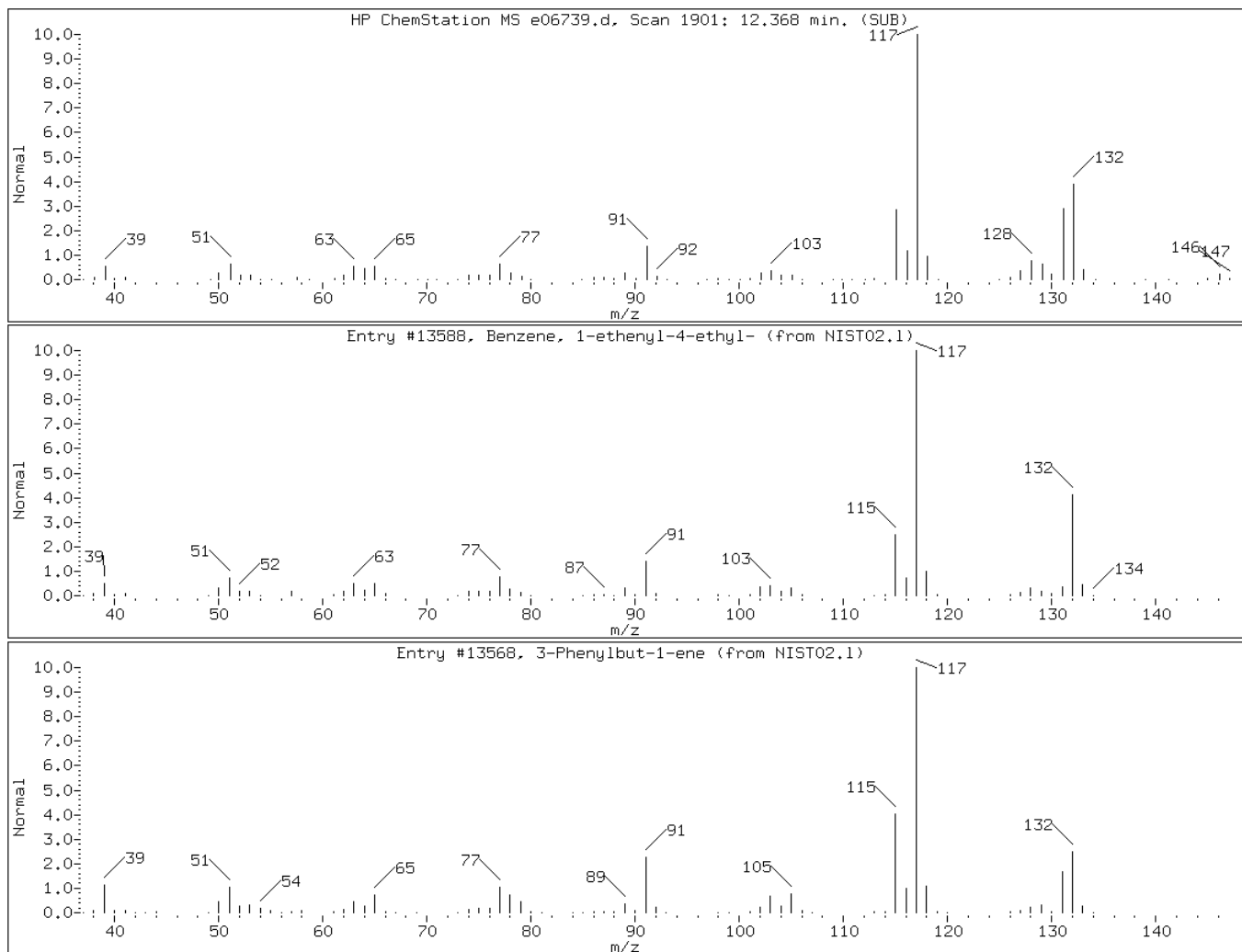
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 12.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.1	13588	94	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.1	13568	91	C10H12	132



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

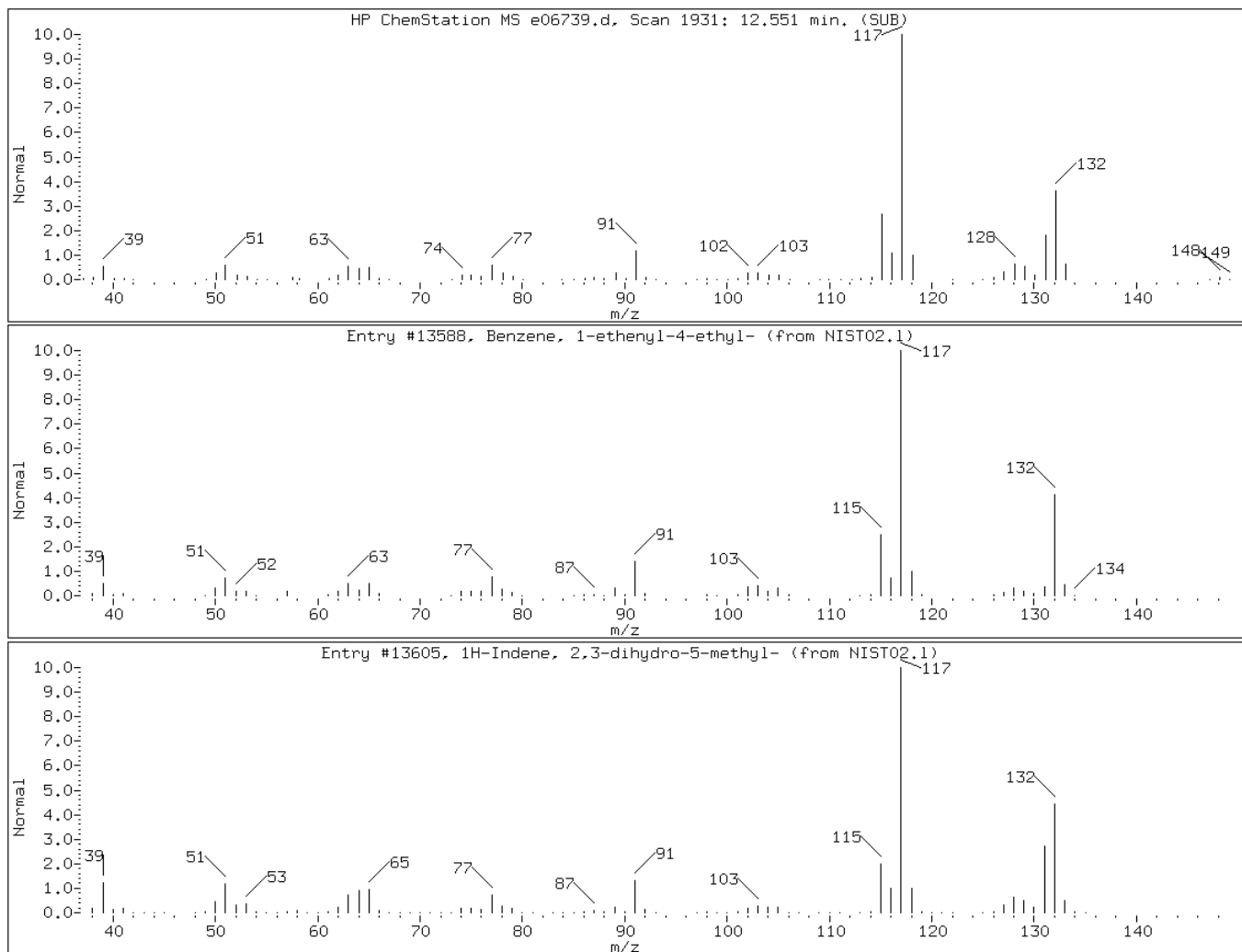
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

Operator: GC/MS VOAMS5

Retention Time: 12.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.L	13605	93	C10H12	132



Data File: e06739.d

Date: 14-AUG-2012 11:15

Client ID:

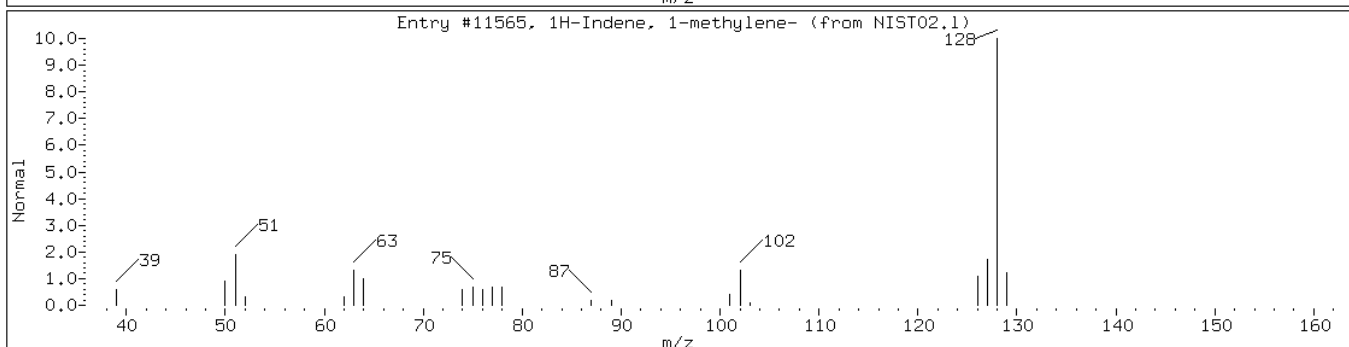
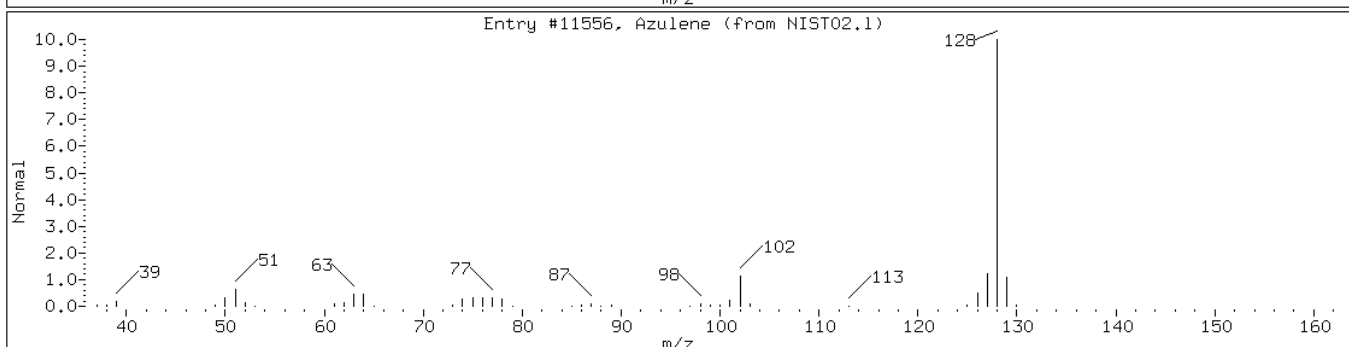
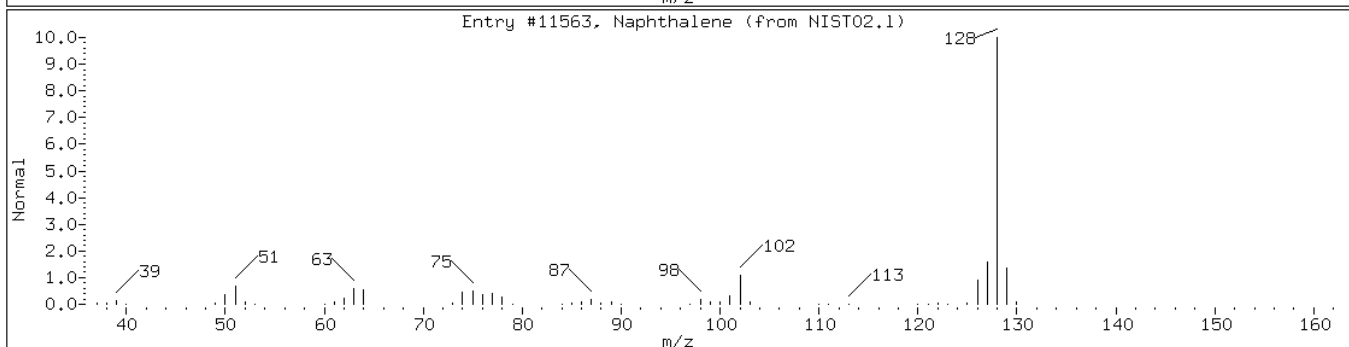
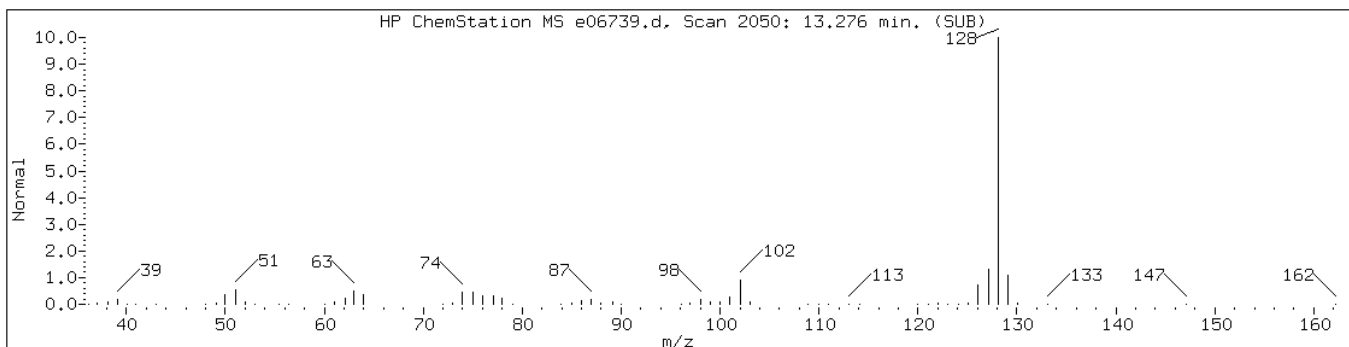
Instrument: VOAMS5.i

Sample Info: 460-43415-C-3

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	11556	94	C ₁₀ H ₈	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	91	C ₁₀ H ₈	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-4
 Matrix: Water Lab File ID: e06679.d
 Analysis Method: 8260B Date Collected: 08/10/2012 11:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 08:38
 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.: 123702 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	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	33		5.0	2.7
75-15-0	Carbon disulfide	0.47	J	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)	9.4		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	150		1.0	0.10
110-82-7	Cyclohexane	10		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	37		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	7.3		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)	2.1	J	5.0	0.99
108-88-3	Toluene	85		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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-4
 Matrix: Water Lab File ID: e06679.d
 Analysis Method: 8260B Date Collected: 08/10/2012 11:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 08:38
 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.: 123702 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	0.19	J	1.0	0.10
591-78-6	2-Hexanone	2.1	J	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	100		3.0	0.36
100-42-5	Styrene	3.5		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	10		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)	114		70-130
460-00-4	4-Bromofluorobenzene	106		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Client Sample ID: WG-17338-081012-VASY-MM-2 Lab Sample ID: 460-43415-4
Matrix: Water Lab File ID: e06679.d
Analysis Method: 8260B Date Collected: 08/10/2012 11:10
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 08:38
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.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 215

CAS NO.	COMPOUND NAME	RT	RESULT	Q
103-65-1	Benzene, propyl-	8.98	20	J N
	Ethylmethylbenzene isomer	9.15	14	J
	Ethylmethylbenzene isomer-1	9.62	15	J
	Trimethylbenzene isomer	9.92	21	J
	Trimethylbenzene isomer-1	10.60	14	J
496-11-7	Indane	10.77	50	J N
	Ethyl dimethylbenzene isomer	11.59	17	J
	2,3-dihydro-methyl-1H-Indene isomer	11.66	21	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	15	J
91-20-3	Naphthalene	13.28	28	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06679.d
 Report Date: 14-Aug-2012 03:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06679.d
 Lab Smp Id: 460-43415-A-4
 Inj Date : 13-AUG-2012 08:38
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43415-A-4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 11
 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)
=====	=====	==	=====	=====	=====		=====	=====
16 Acetone	58	1.888	1.888	(0.525)	9095		33.0003	33
18 Carbon Disulfide	76	1.571	1.565	(0.437)	4642		0.47375	0.47(a)
38 2-Butanone	72	3.065	3.071	(0.852)	5075		9.37164	9.4(H)
44 Cyclohexane	56	2.784	2.778	(0.774)	50779		9.99160	10
48 Benzene	78	3.260	3.254	(0.469)	438926		36.5345	36
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	214226		57.0922	57
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	666553		50.0000	
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	40394		7.33010	7.3
70 4-Methyl-2-Pentanone	43	5.631	5.625	(0.810)	5953		2.06012	2.1(a)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	680278		52.6523	53
66 Toluene	91	5.162	5.162	(0.742)	1362215		84.9817	85
71 Tetrachloroethene	166	5.576	5.582	(0.802)	825		0.19141	0.19(a)
73 2-Hexanone	43	6.674	6.680	(0.960)	4618		2.11014	2.1(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	588848		50.0000	
81 Ethylbenzene	106	7.070	7.064	(1.017)	895622		149.080	150
82 m+p-Xylene	106	7.277	7.277	(1.046)	608524		76.3573	76

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06679.d
 Report Date: 14-Aug-2012 03:34

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
84 o-Xylene	106	7.863	7.862	(1.131)	192965	24.7358	25
85 Styrene	104	7.942	7.942	(1.142)	44274	3.48588	3.5
88 Isopropylbenzene	105	8.344	8.350	(1.200)	201598	10.1254	10
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	328841	52.8911	53
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	374435	50.0000	
M 121 Xylene (Total)	100				801489	101.093	100

QC Flag Legend

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

Data File: e06679.d

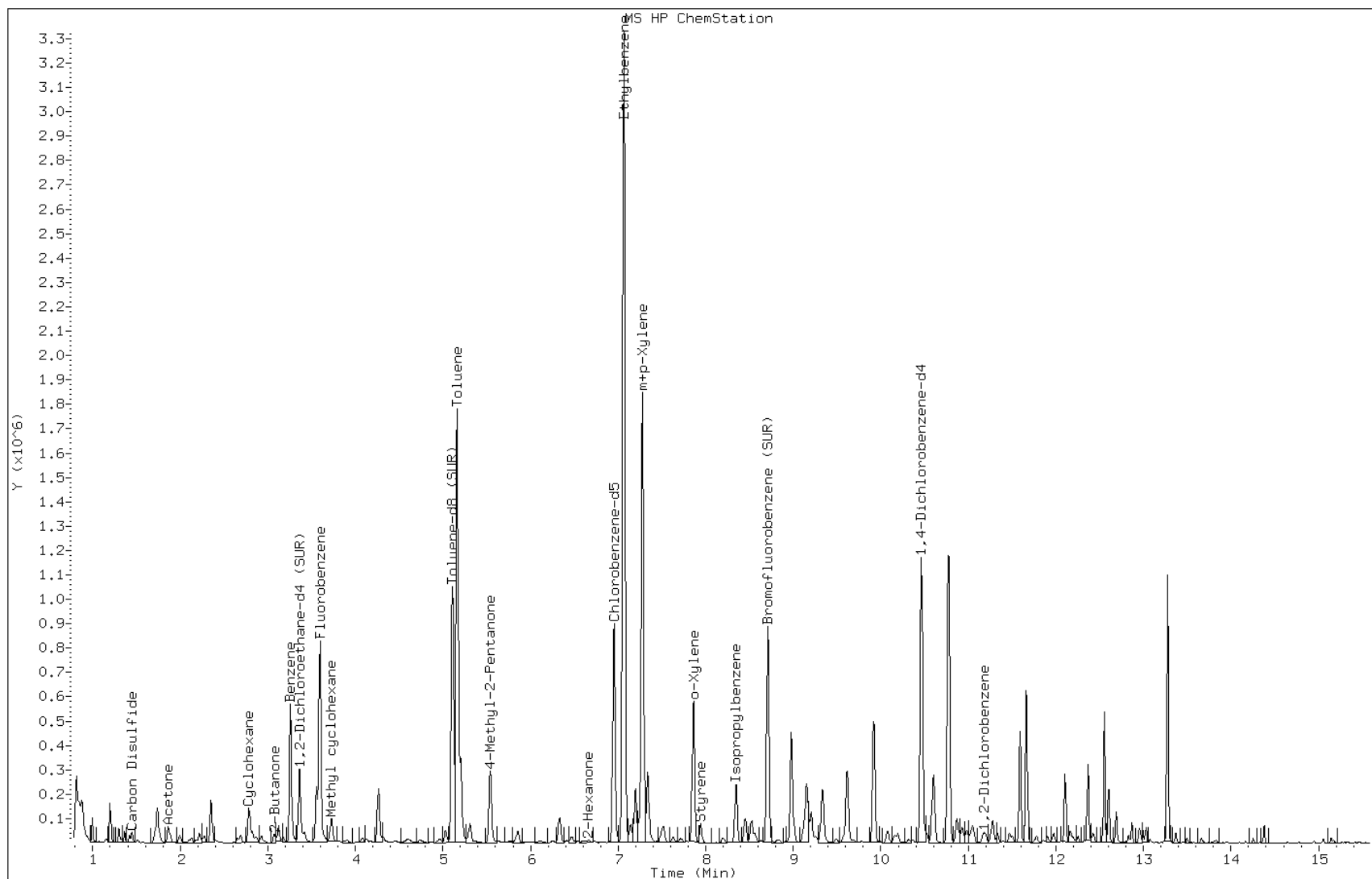
Date: 13-AUG-2012 08:38

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5



Data File: e06679.d

Date: 13-AUG-2012 08:38

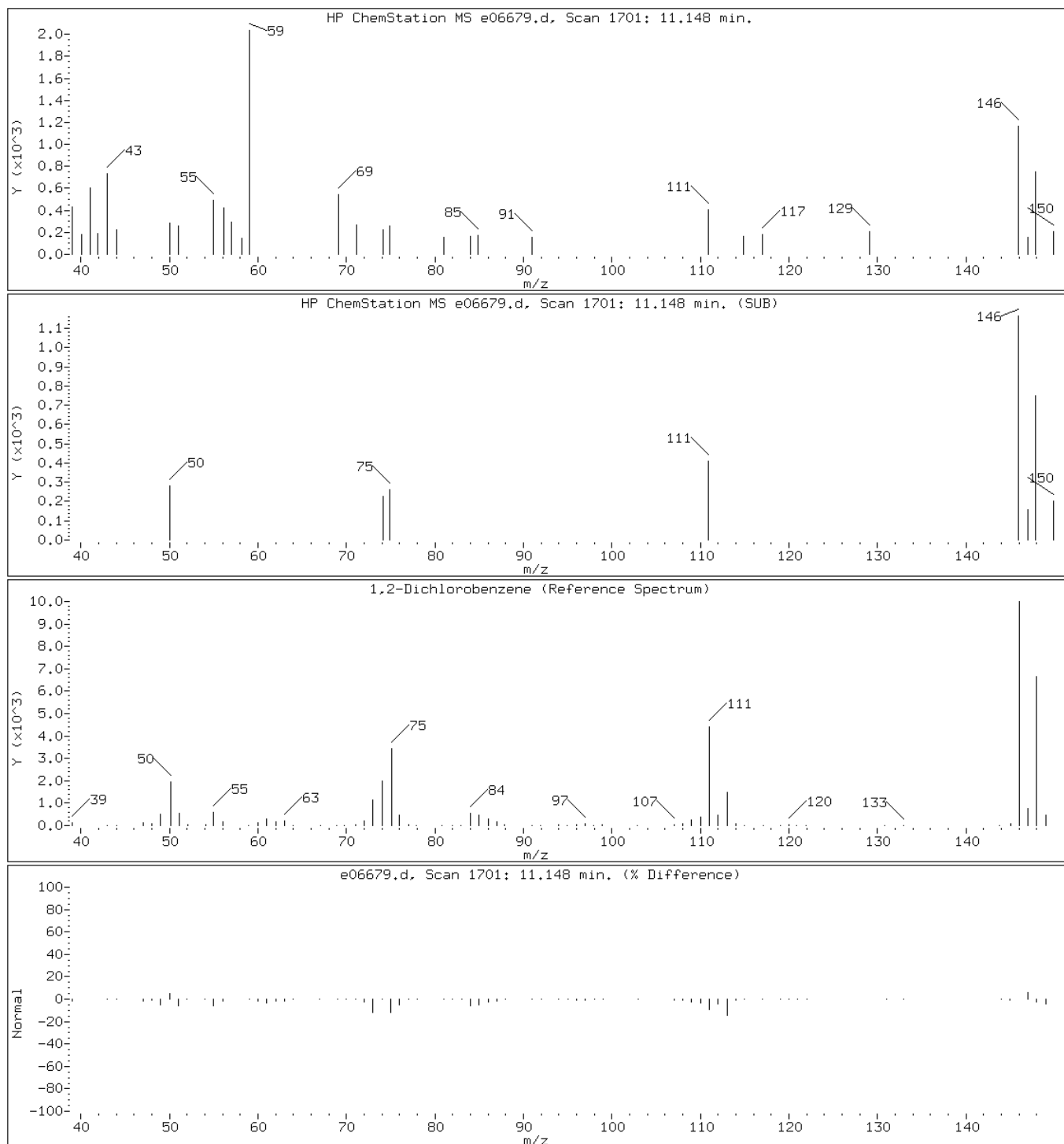
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06679.d

Date: 13-AUG-2012 08:38

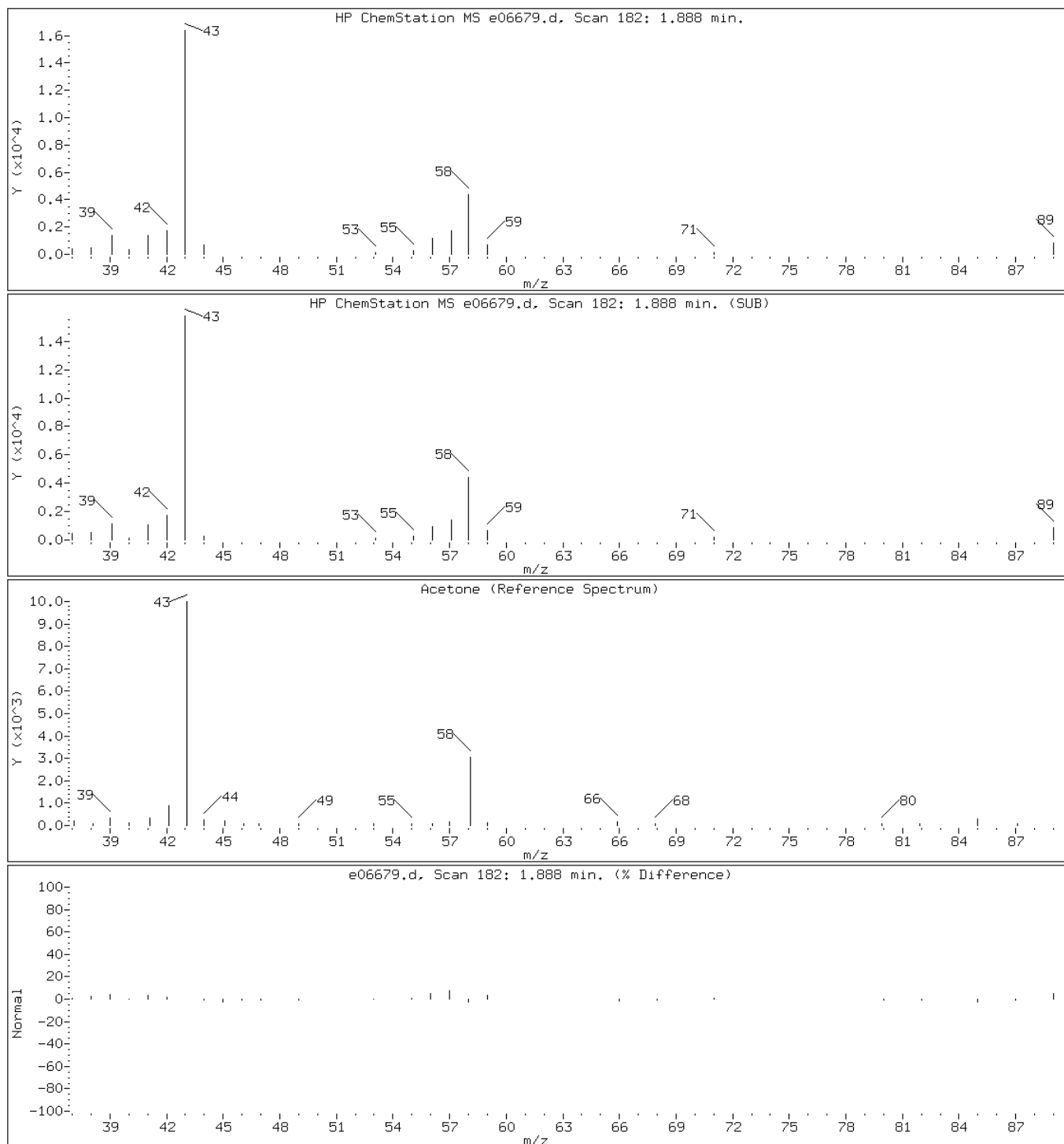
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06679.d

Date: 13-AUG-2012 08:38

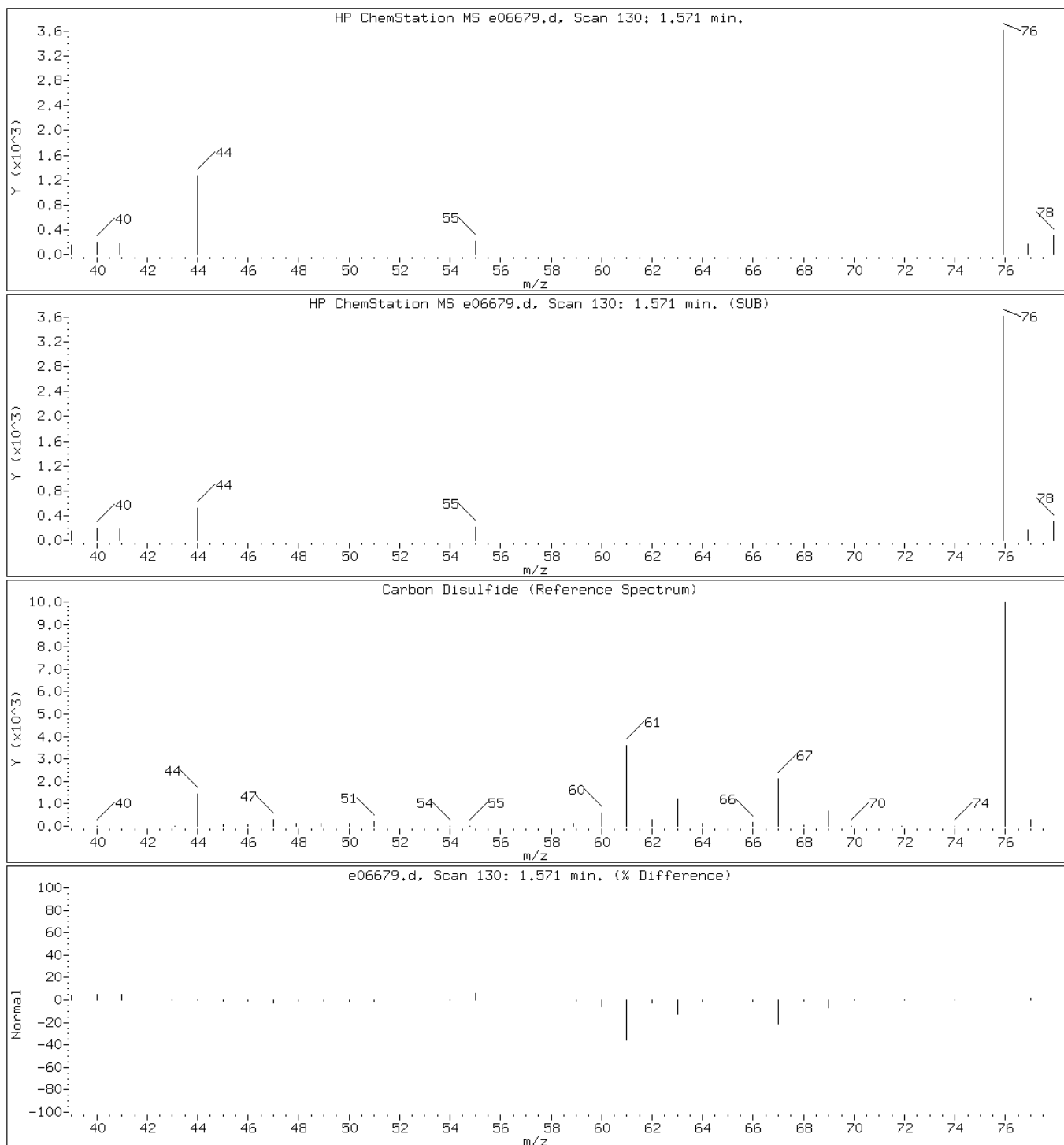
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

18 Carbon Disulfide



Data File: e06679.d

Date: 13-AUG-2012 08:38

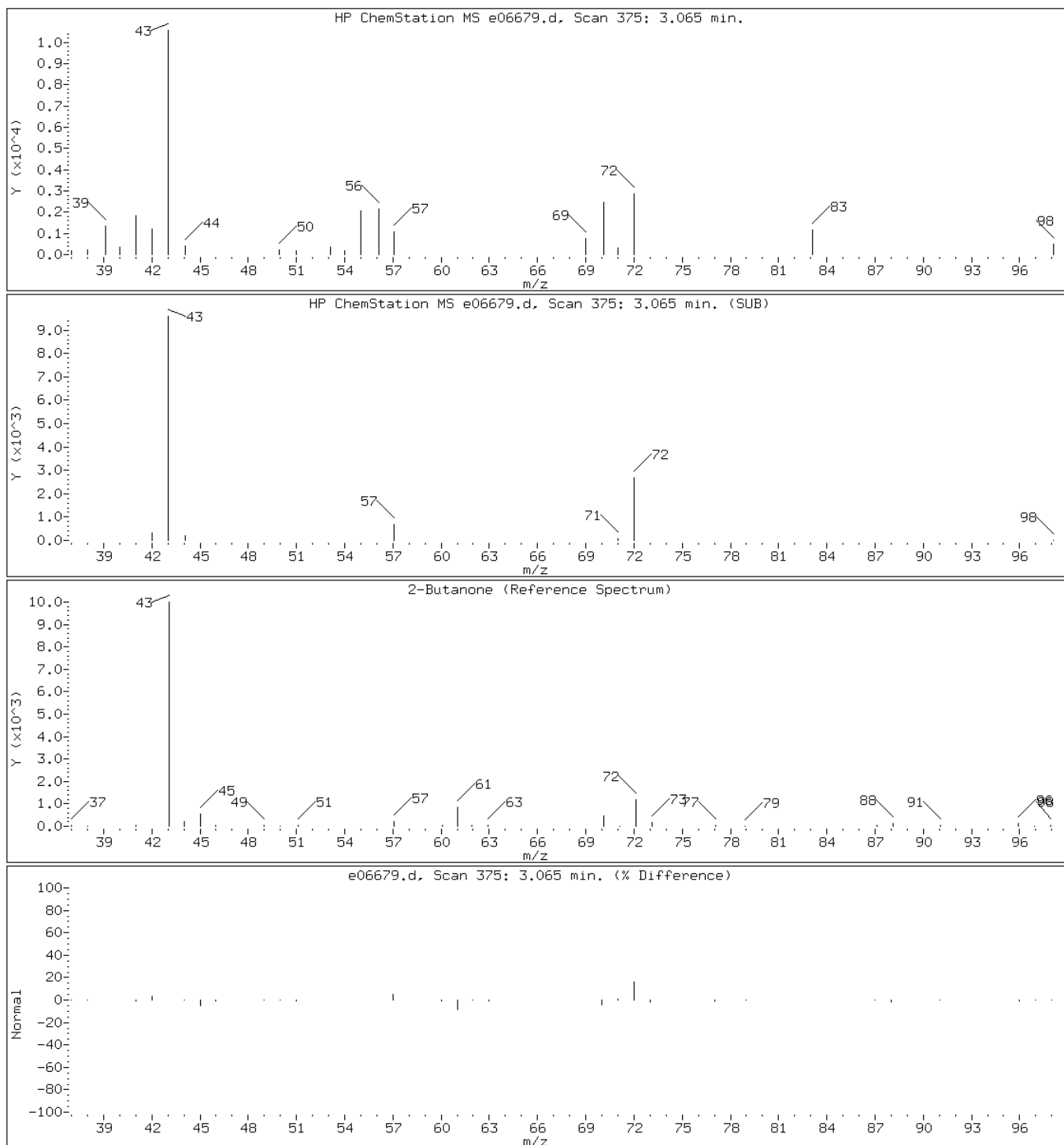
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06679.d

Date: 13-AUG-2012 08:38

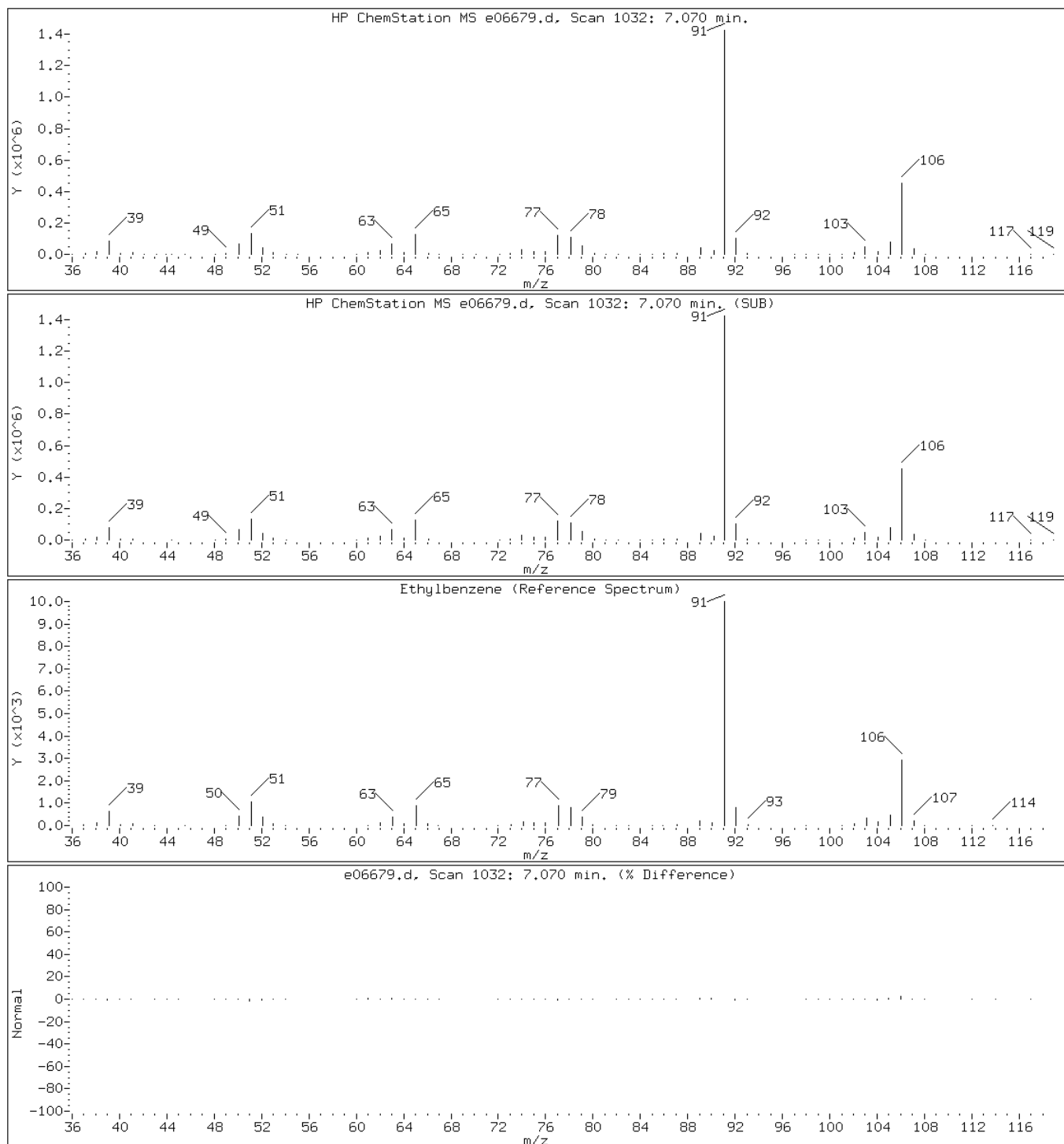
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06679.d

Date: 13-AUG-2012 08:38

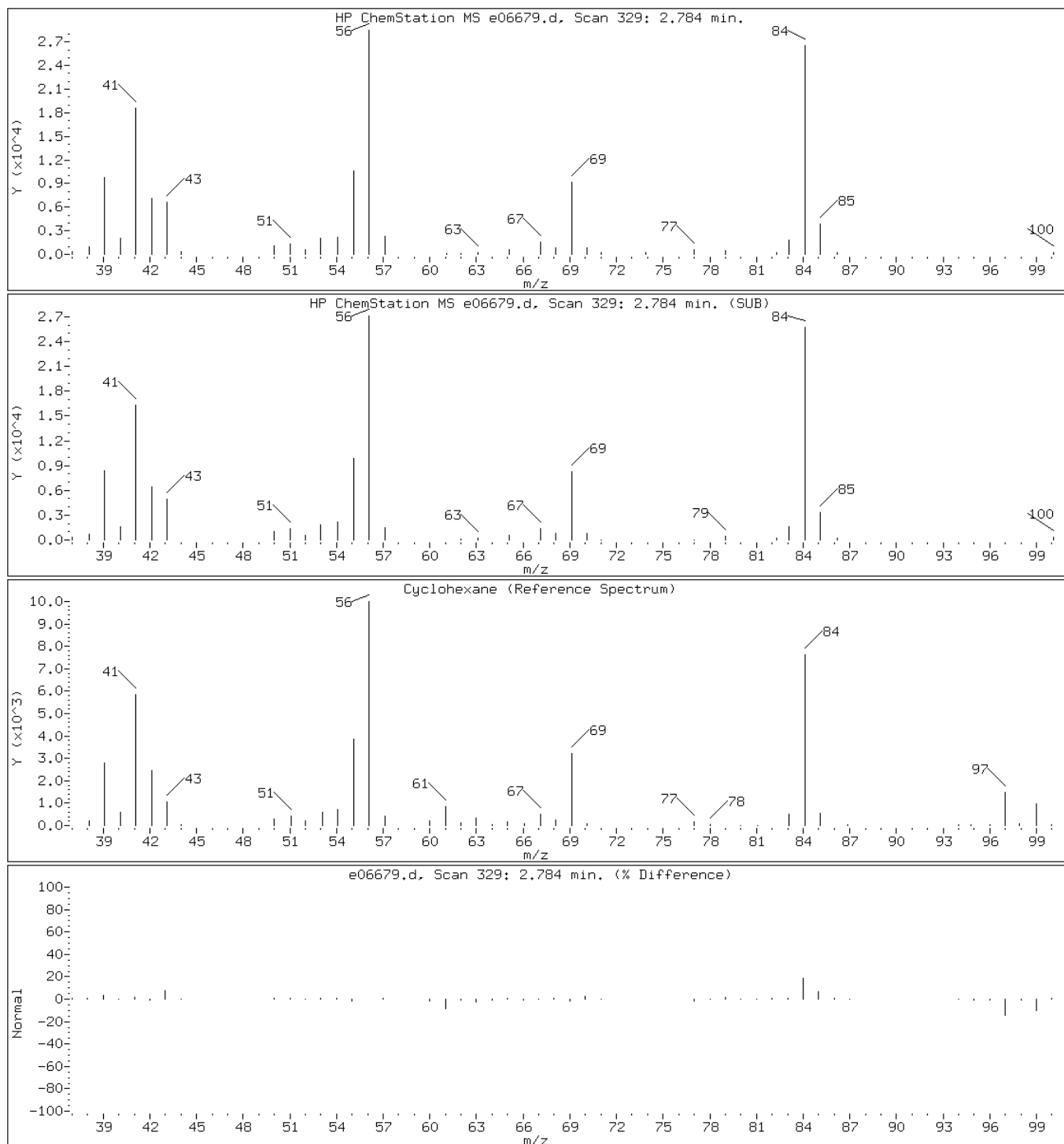
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06679.d

Date: 13-AUG-2012 08:38

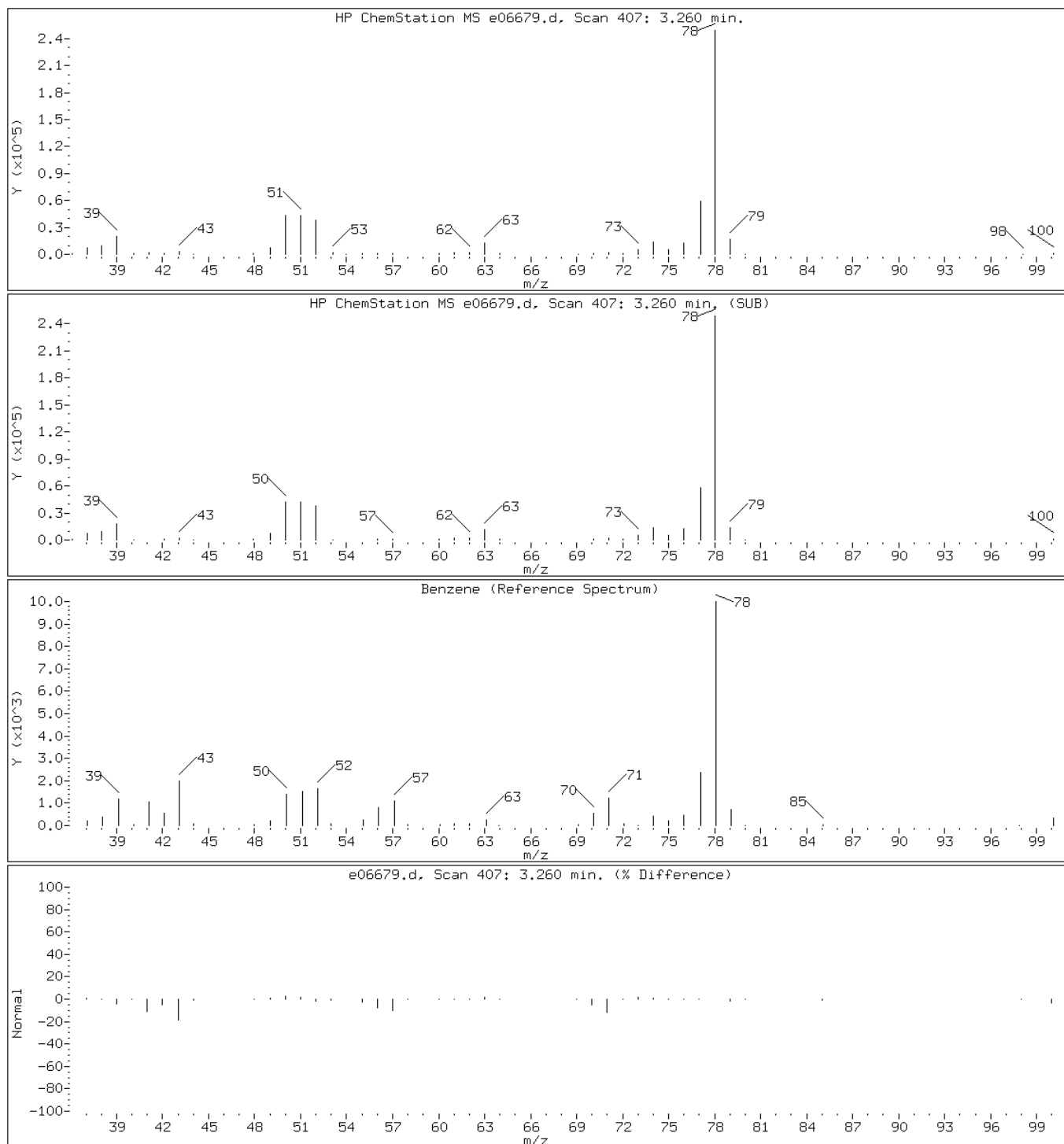
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06679.d

Date: 13-AUG-2012 08:38

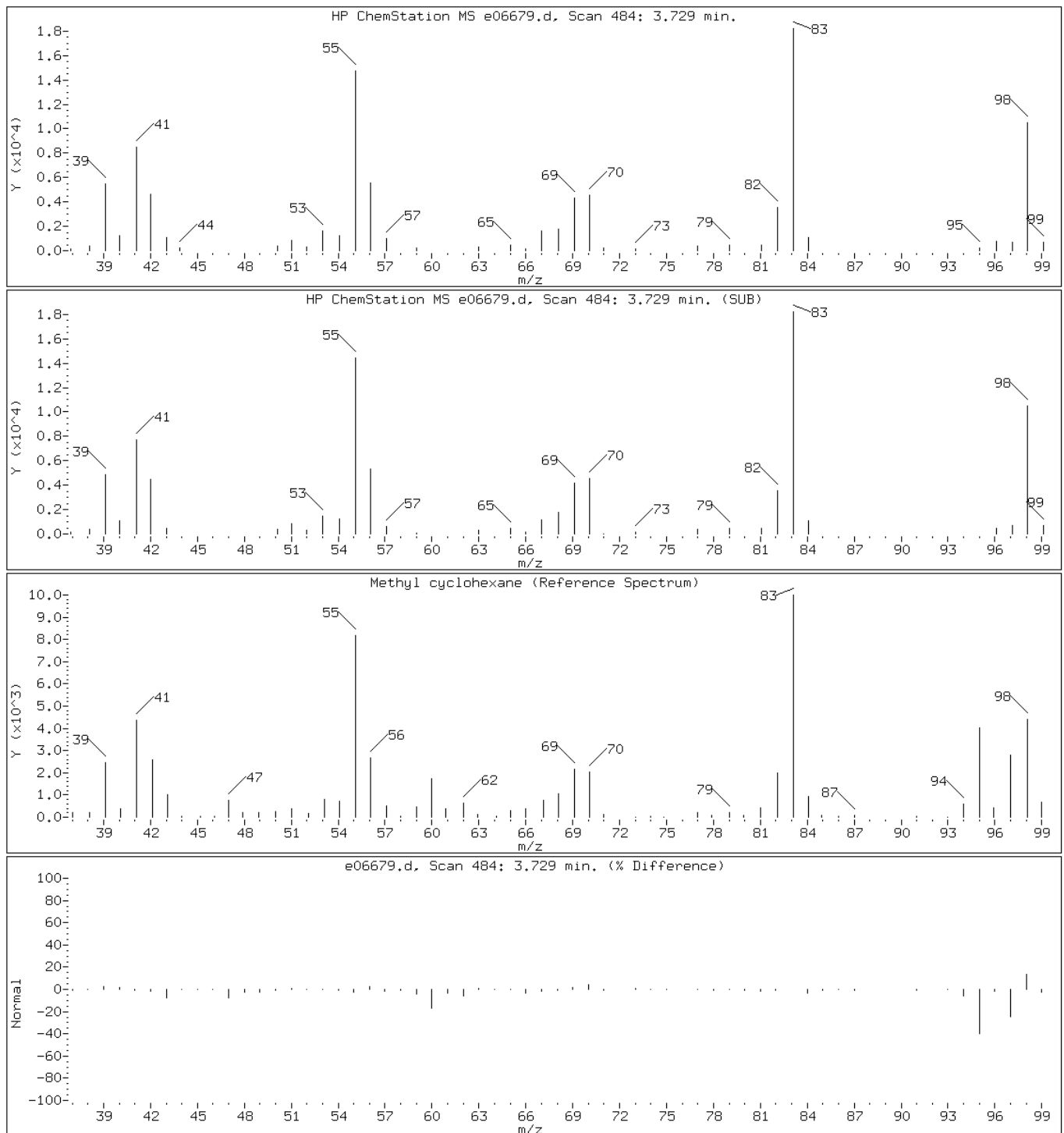
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06679.d

Date: 13-AUG-2012 08:38

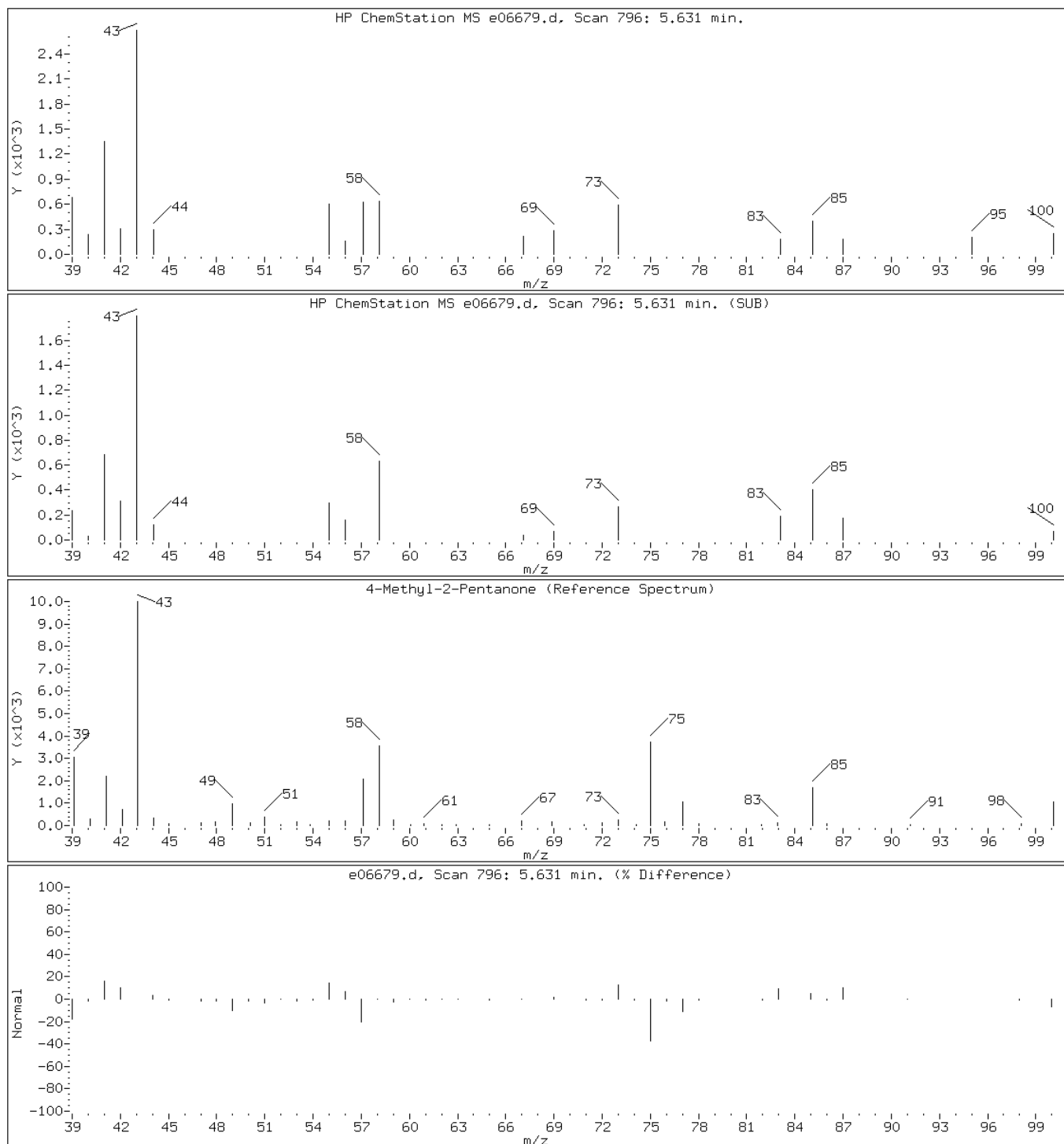
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

70 4-Methyl-2-Pentanone



Data File: e06679.d

Date: 13-AUG-2012 08:38

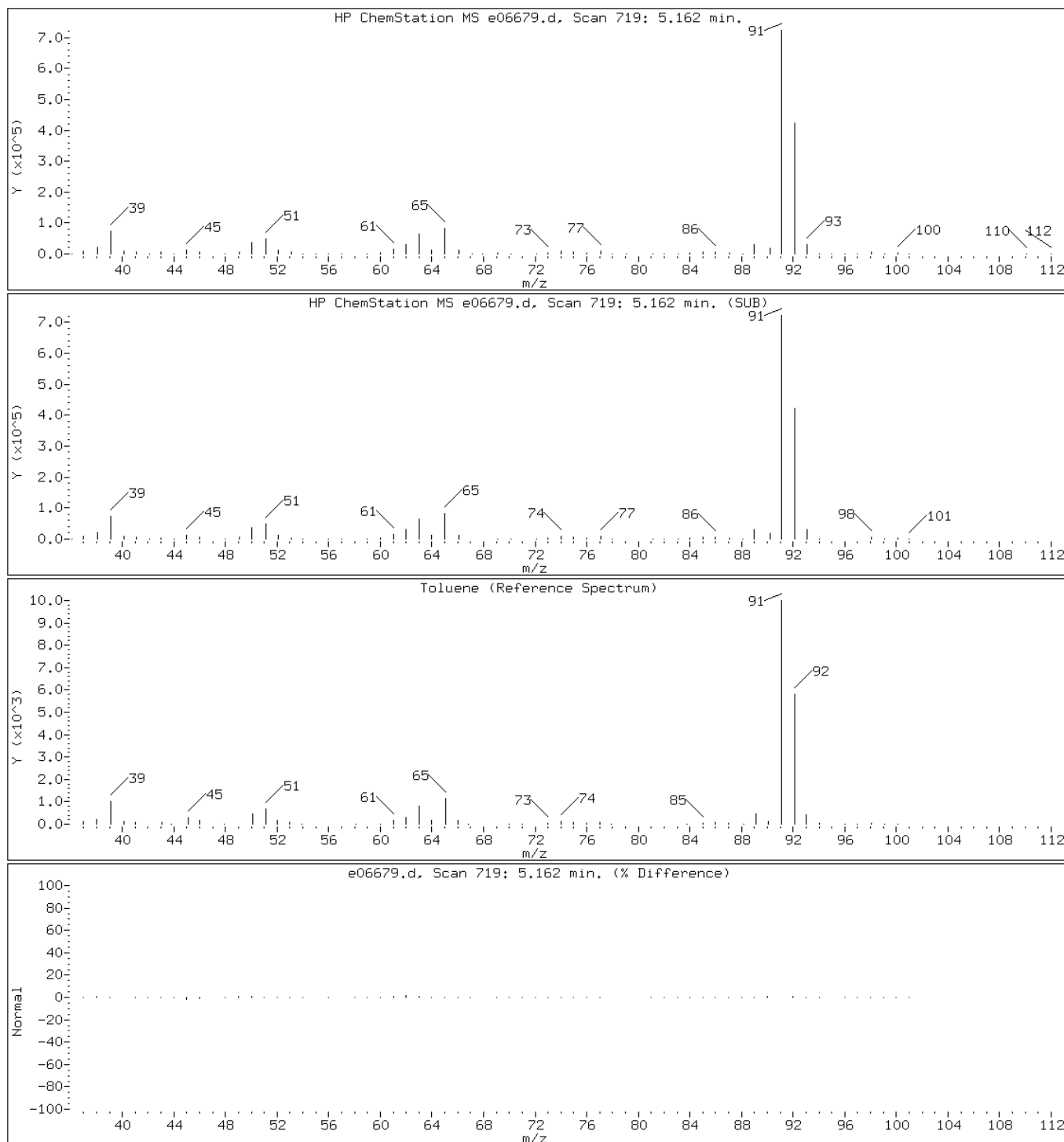
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06679.d

Date: 13-AUG-2012 08:38

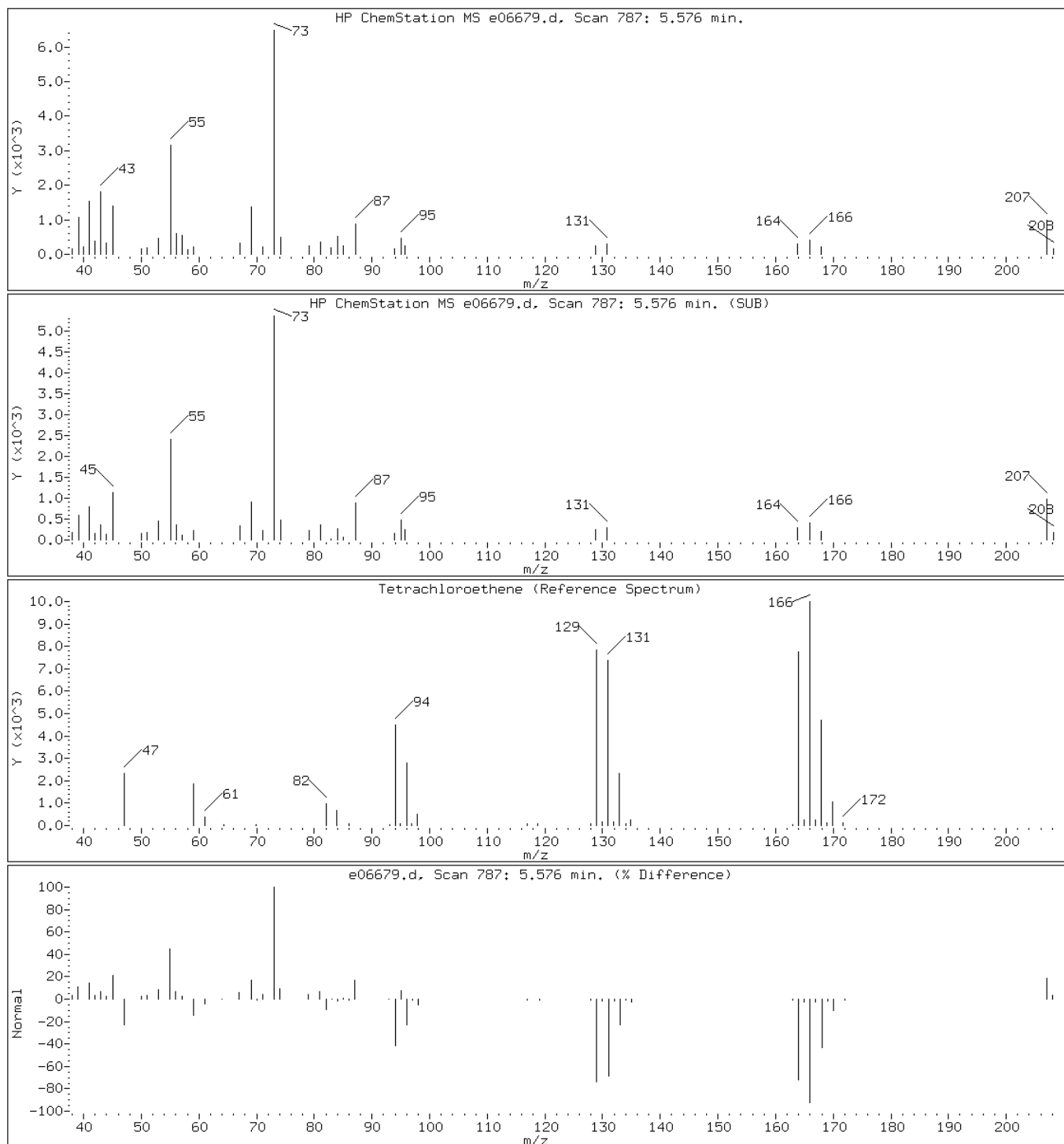
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

71 Tetrachloroethene



Data File: e06679.d

Date: 13-AUG-2012 08:38

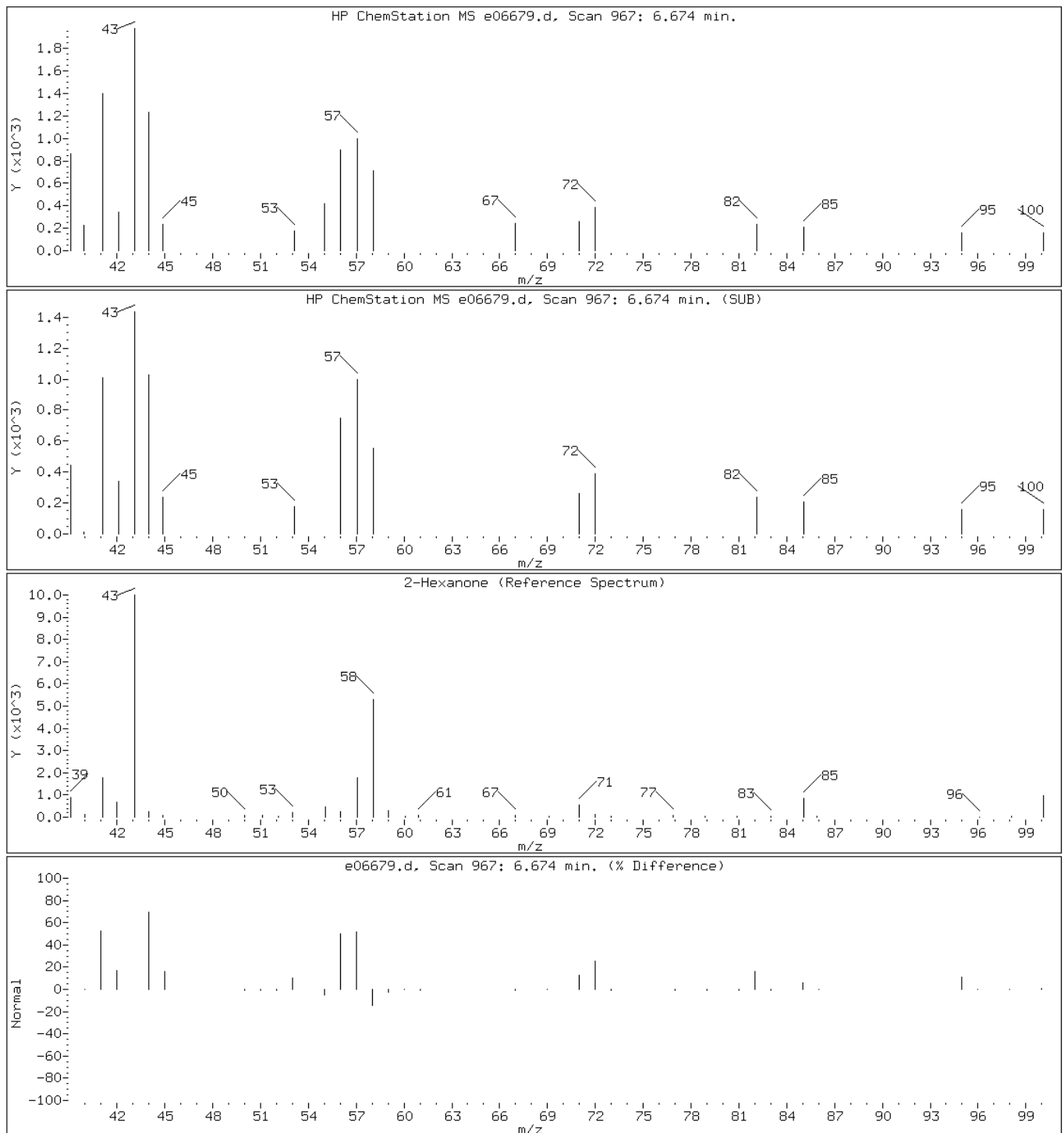
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

73 2-Hexanone



Data File: e06679.d

Date: 13-AUG-2012 08:38

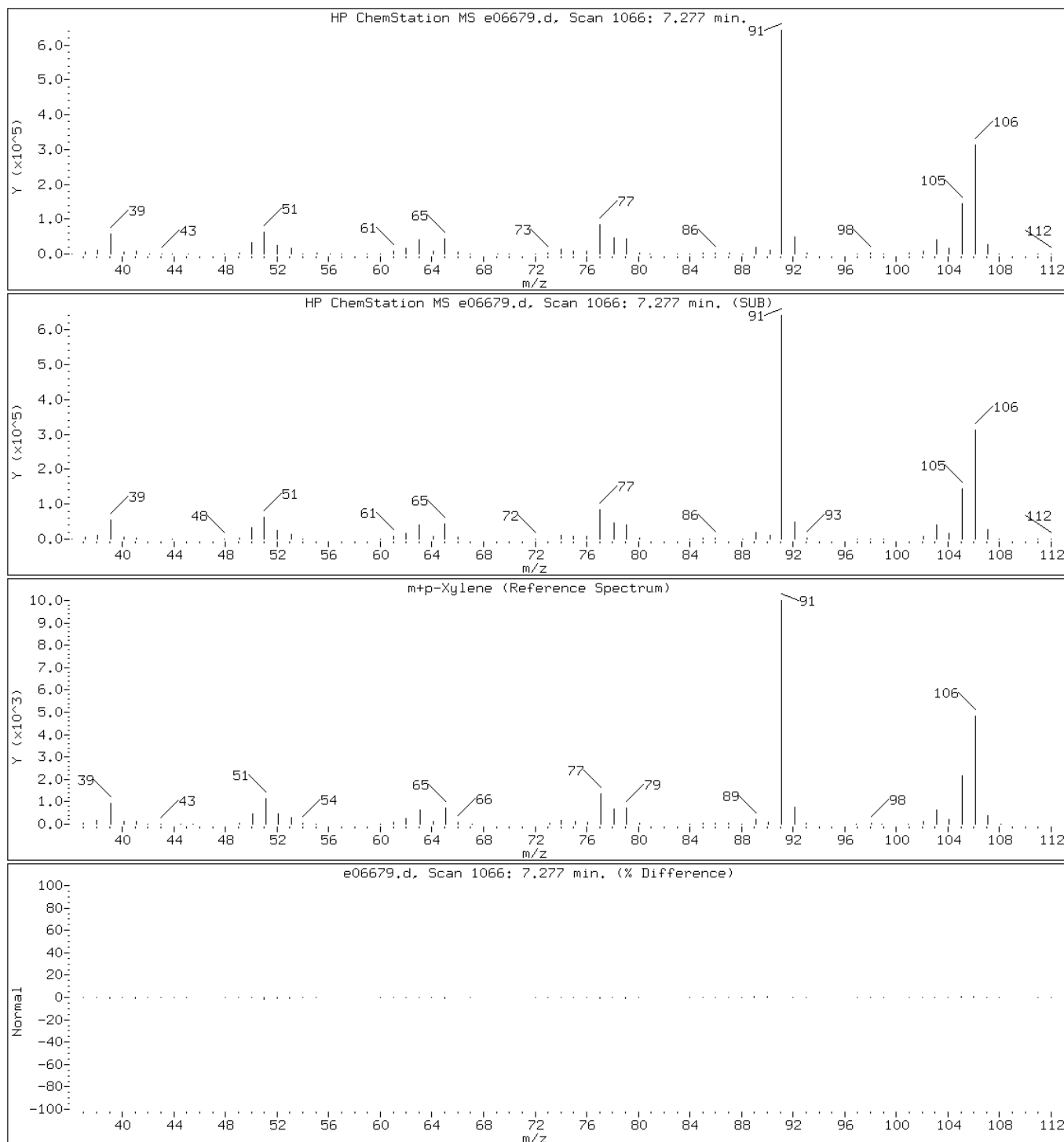
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Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06679.d

Date: 13-AUG-2012 08:38

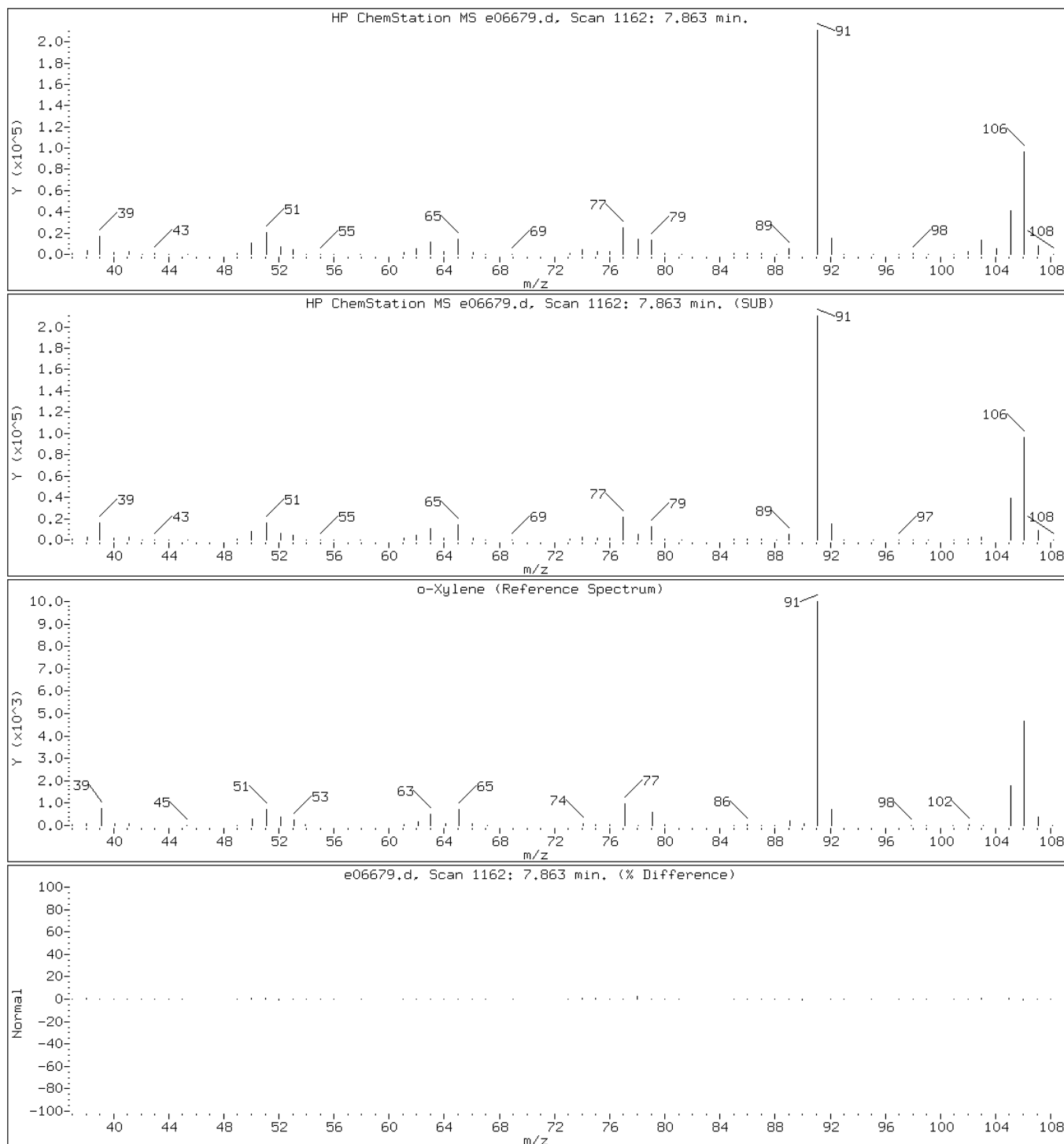
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06679.d

Date: 13-AUG-2012 08:38

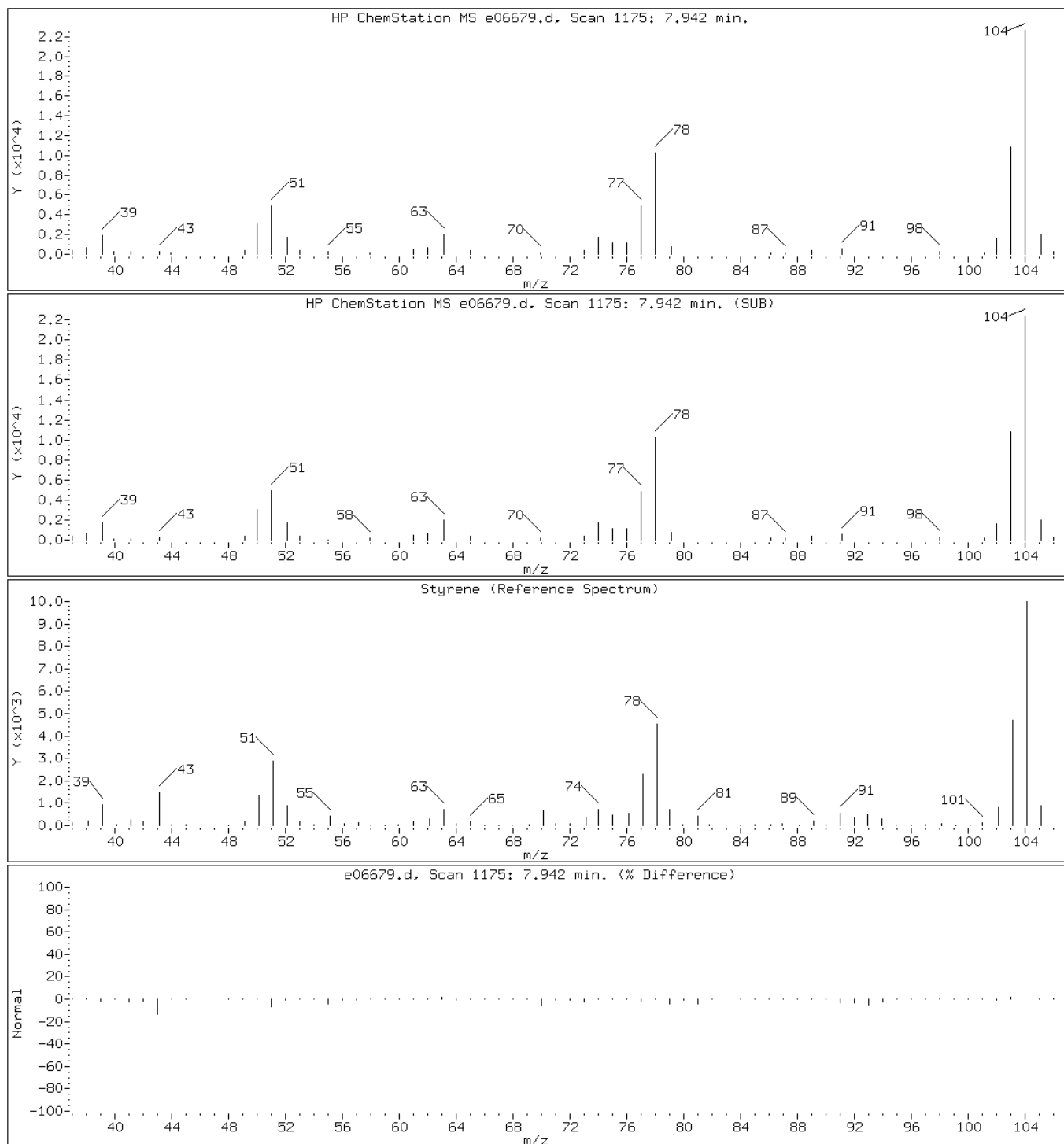
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06679.d

Date: 13-AUG-2012 08:38

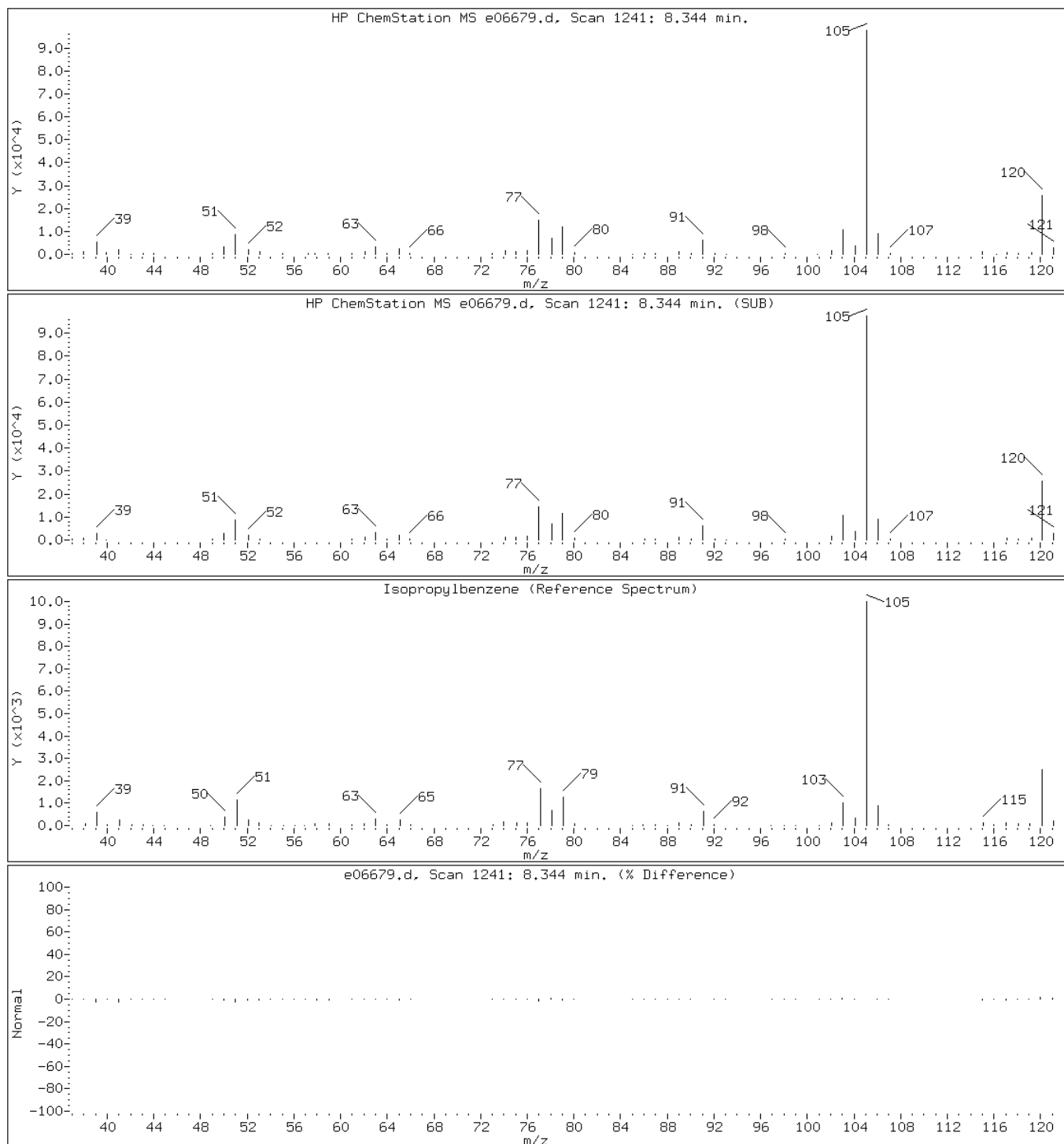
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

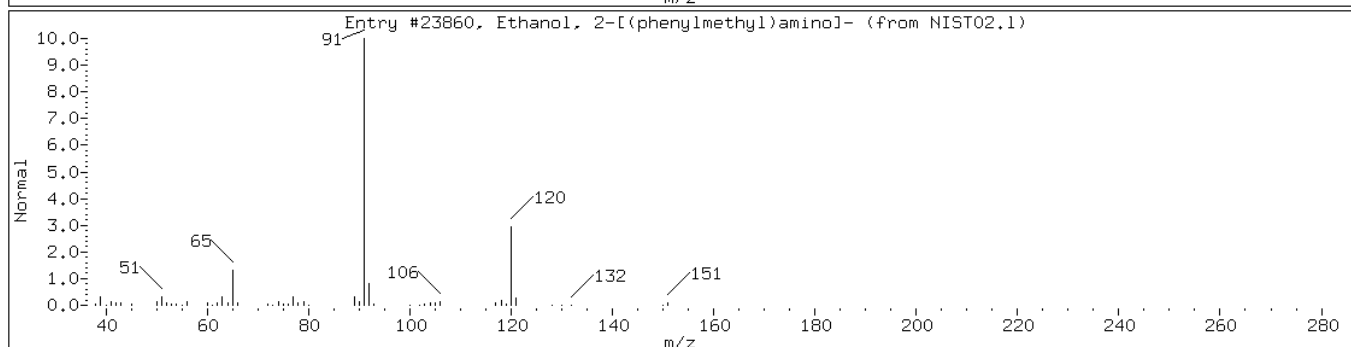
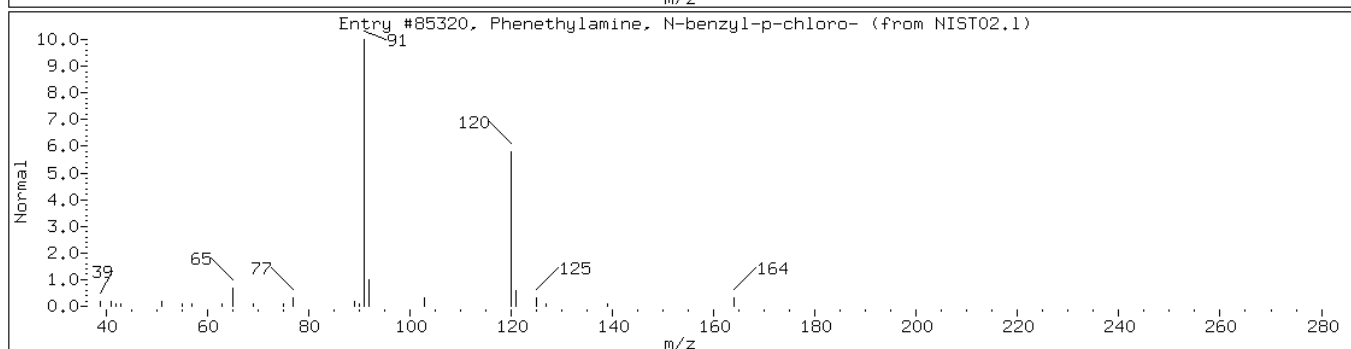
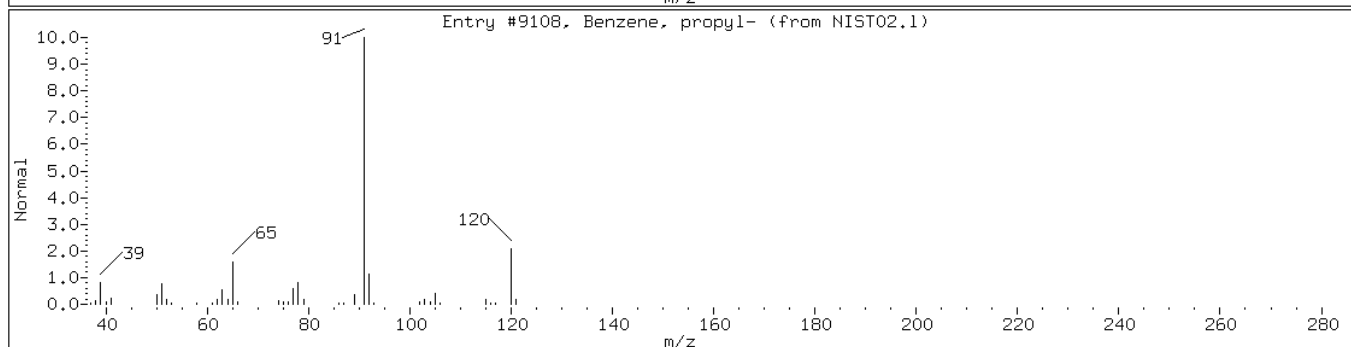
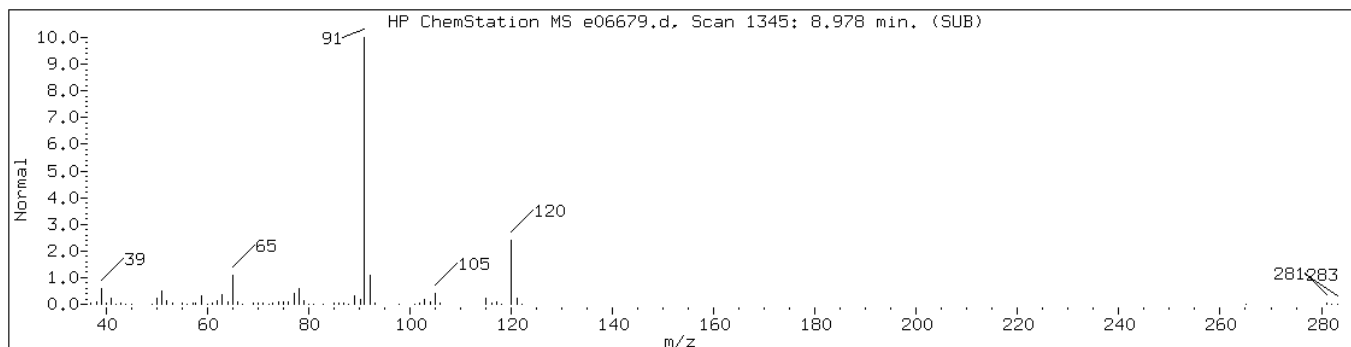
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.1	9108	93	C9H12	120
Phenethylamine, N-benzyl-p-chloro-	13622-43-0	NIST02.1	85320	78	C15H16ClN	245
Ethanol, 2-[(phenylmethyl)amino]-	104-63-2	NIST02.1	23860	72	C9H13NO	151



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

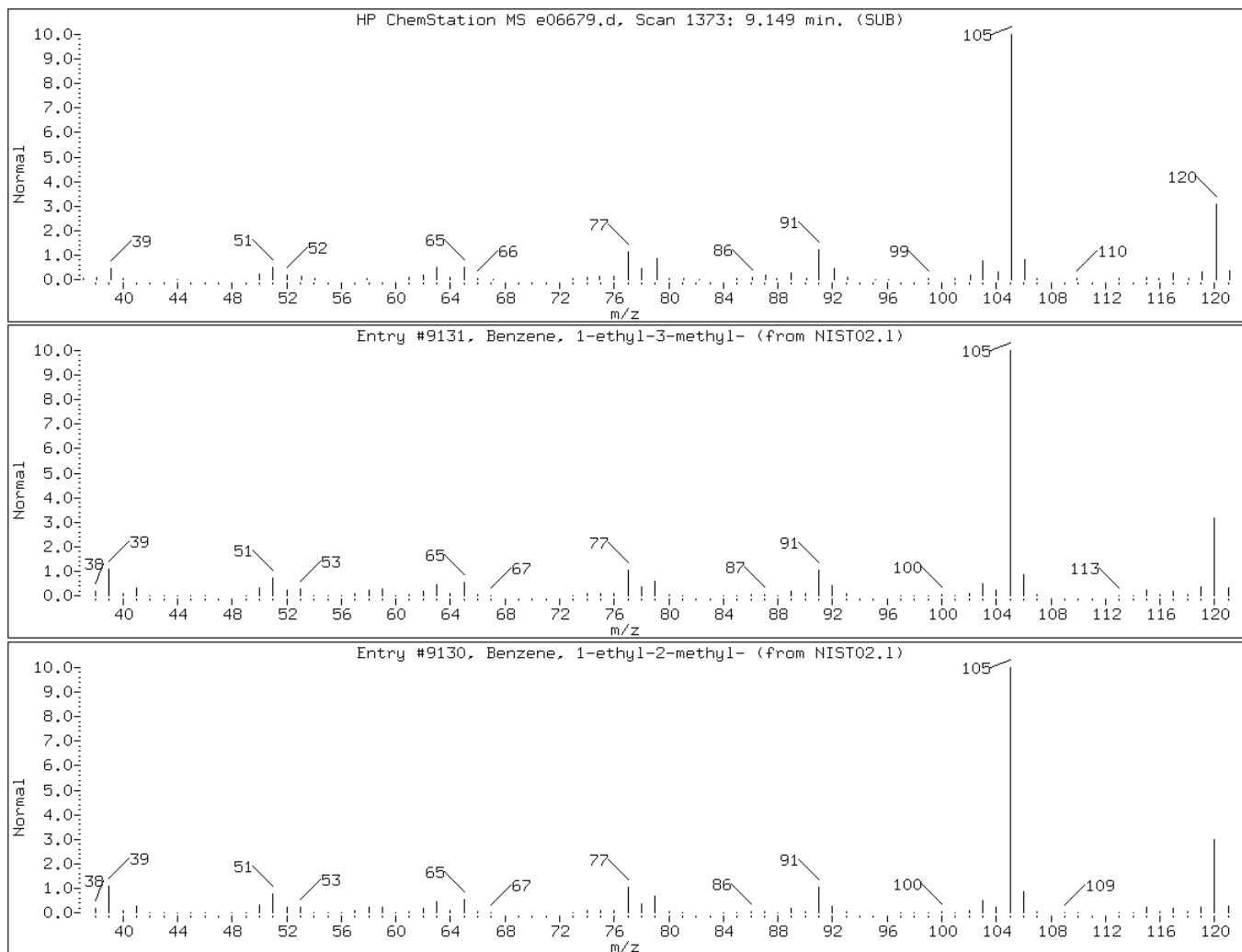
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9131	97	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

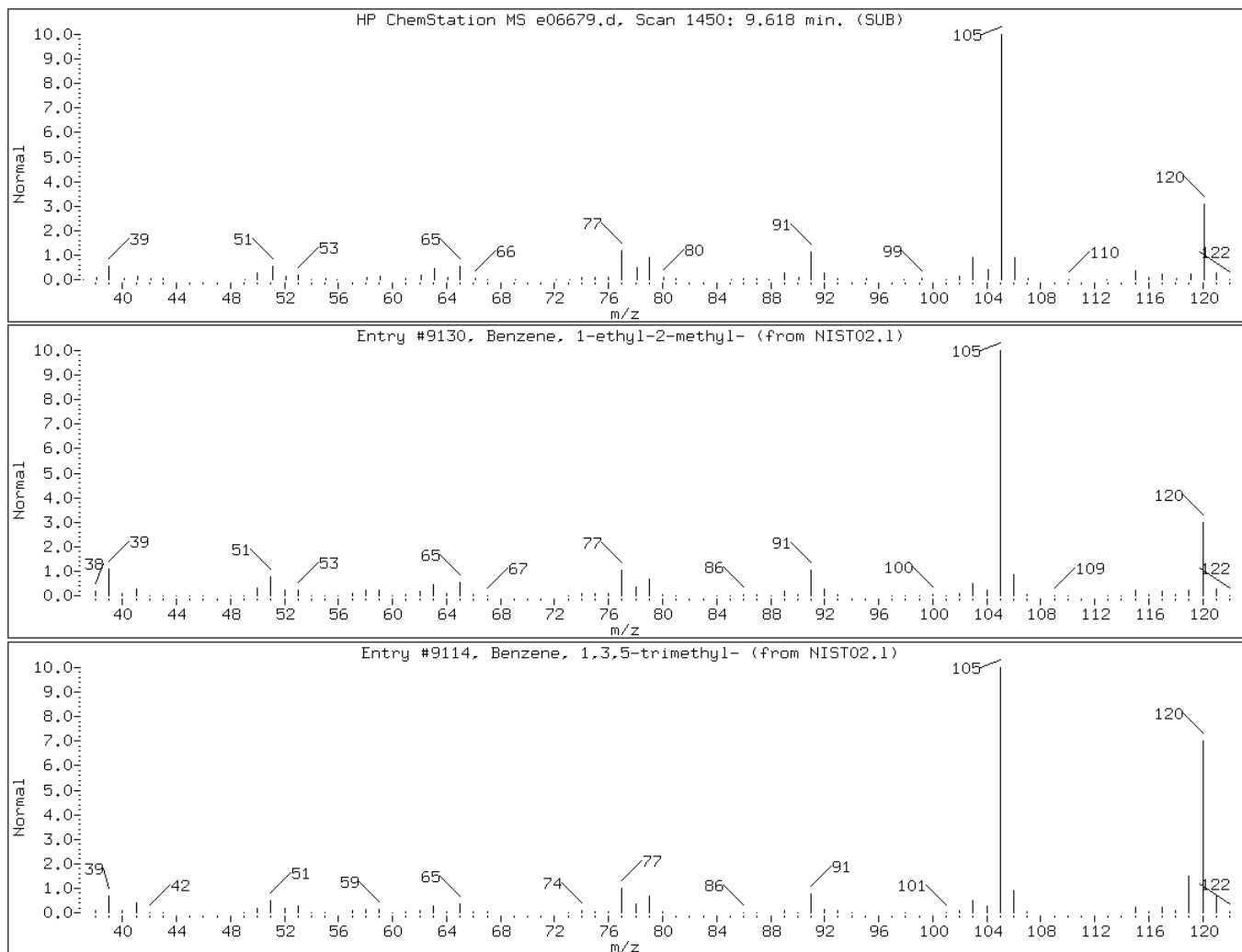
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	91	C9H12	120



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

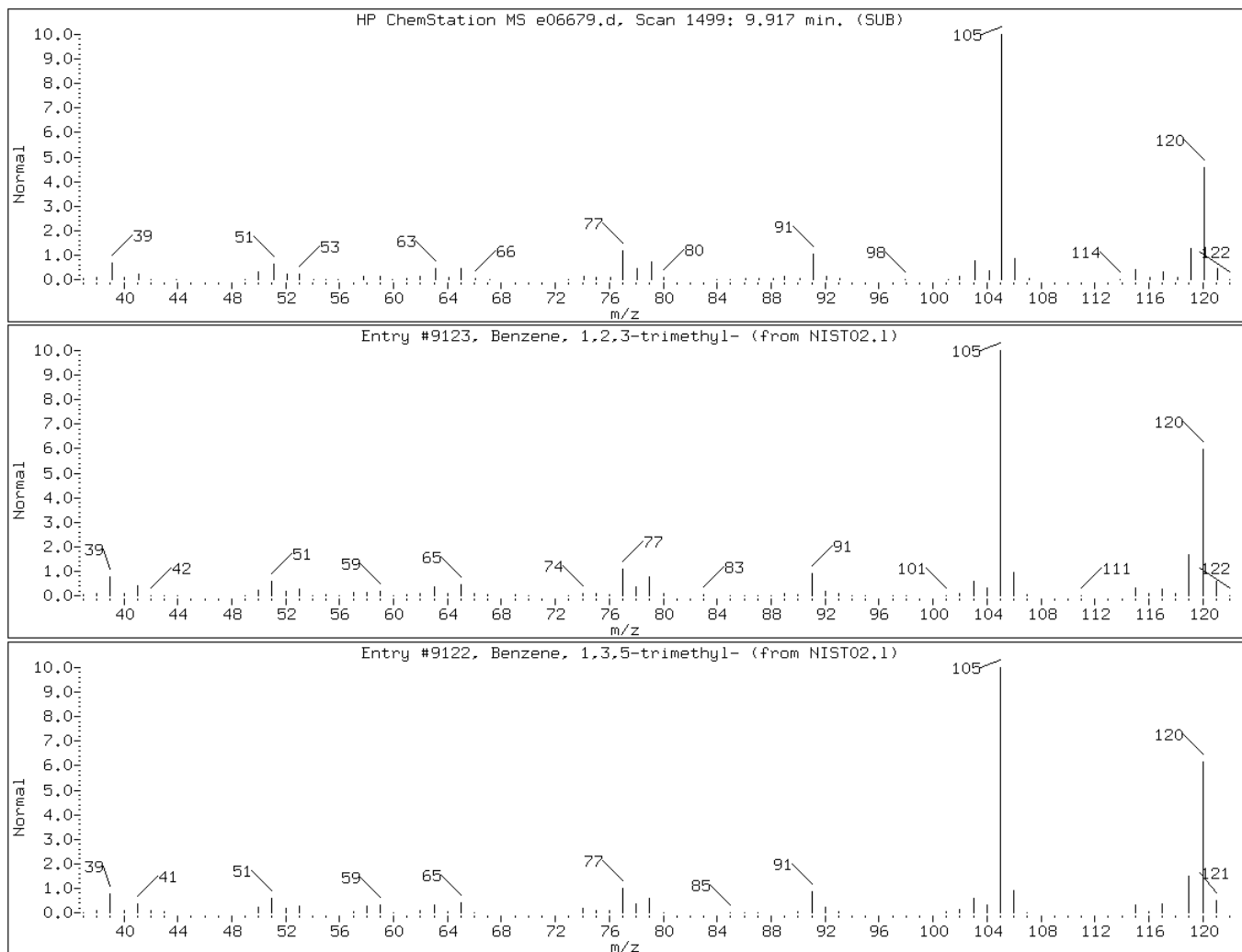
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 9.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9122	97	C9H12	120



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

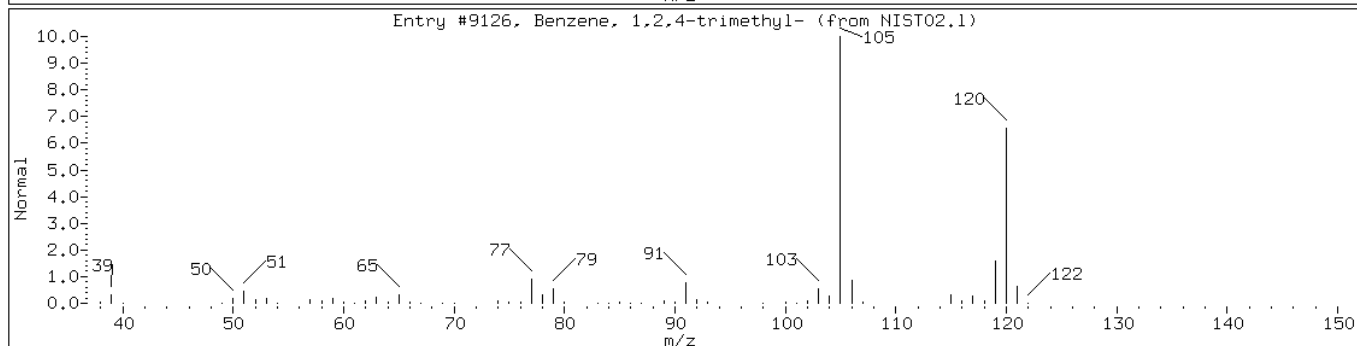
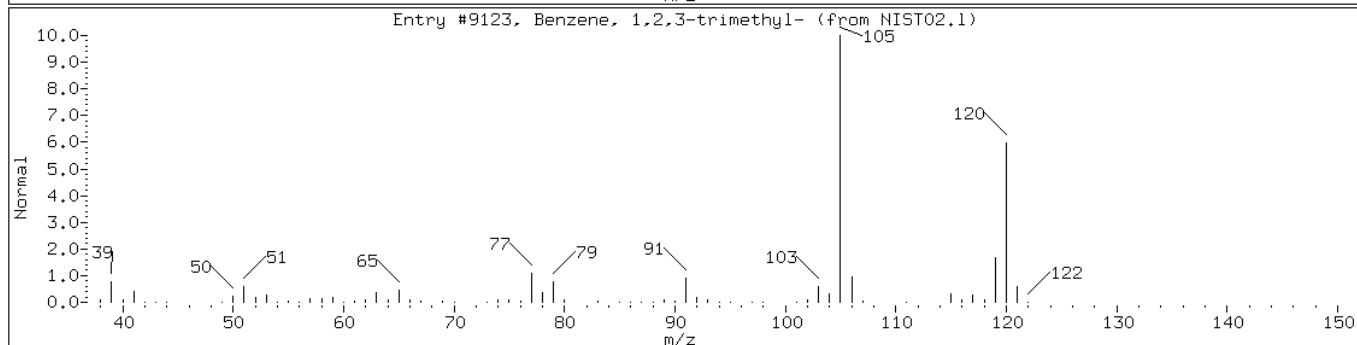
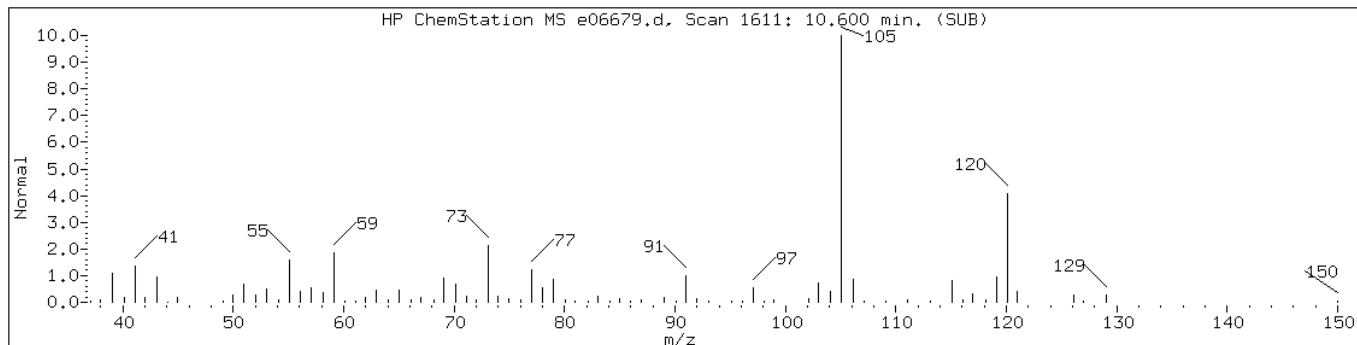
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 10.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	93	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9126	92	C9H12	120



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

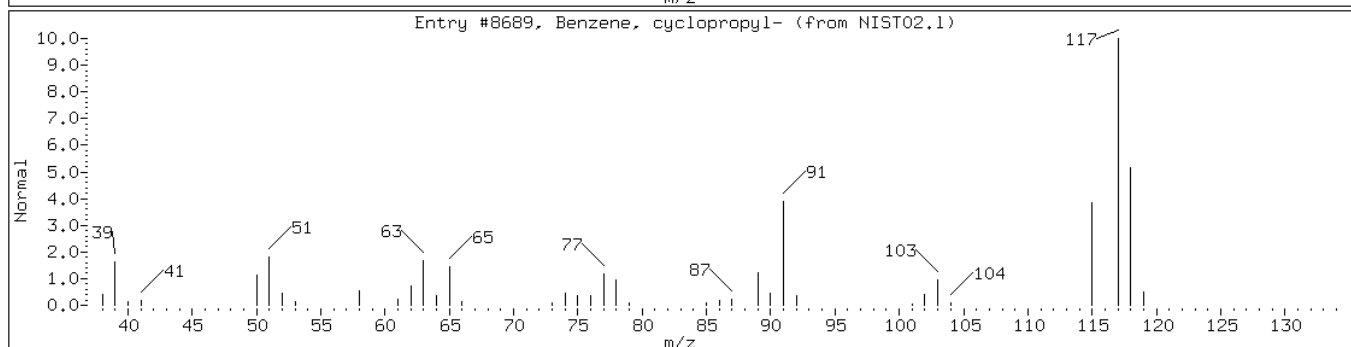
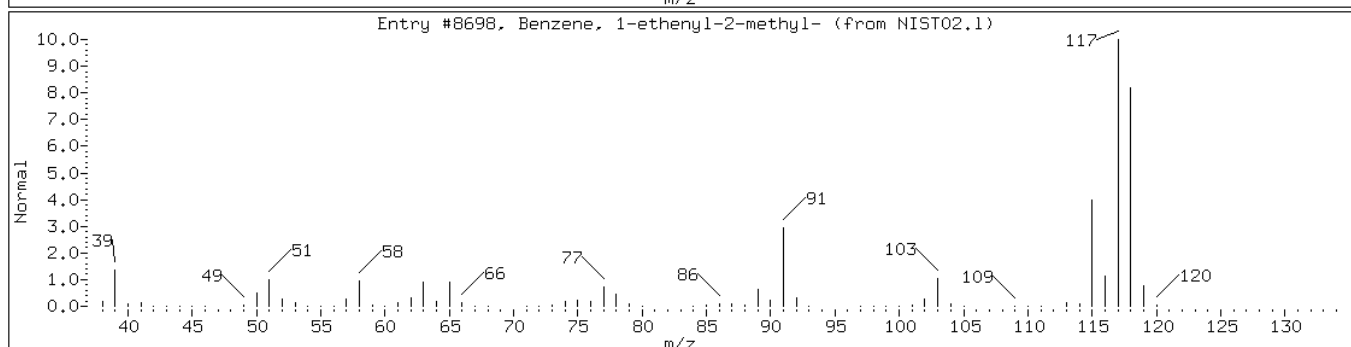
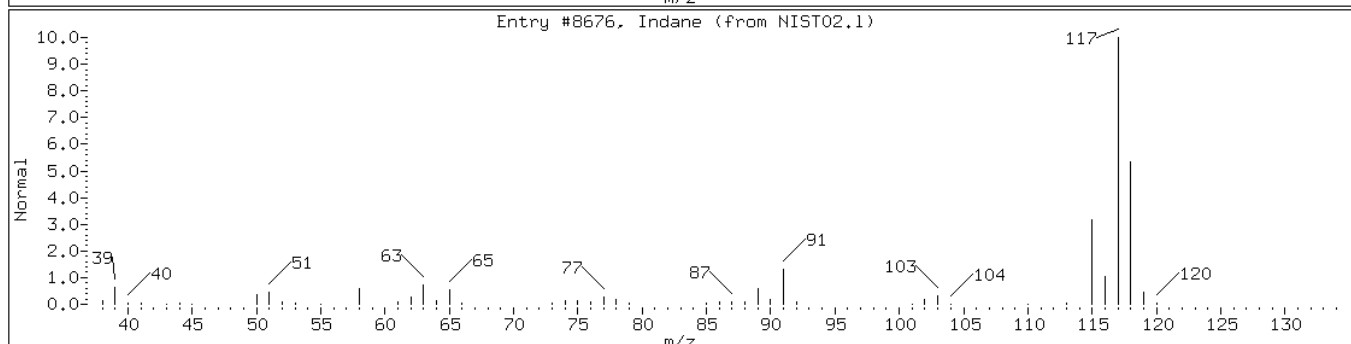
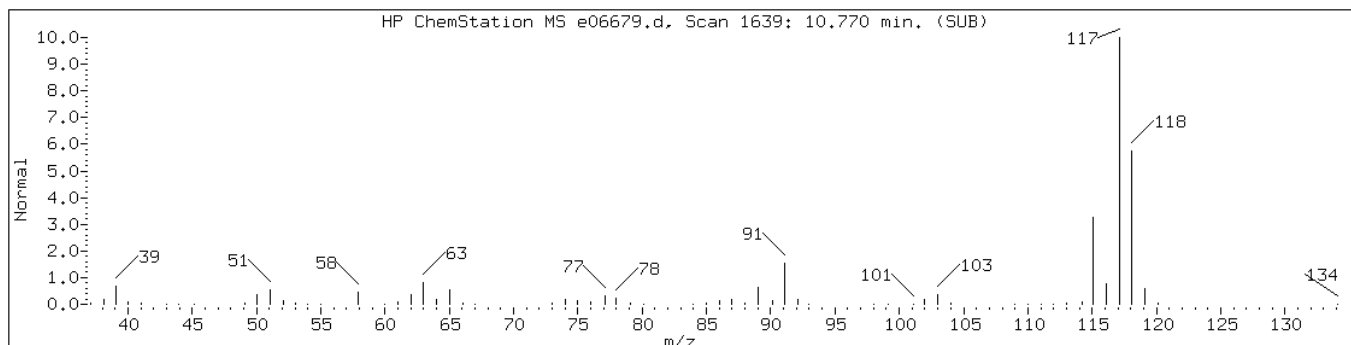
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 10.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	81	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.1	8689	76	C9H10	118



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

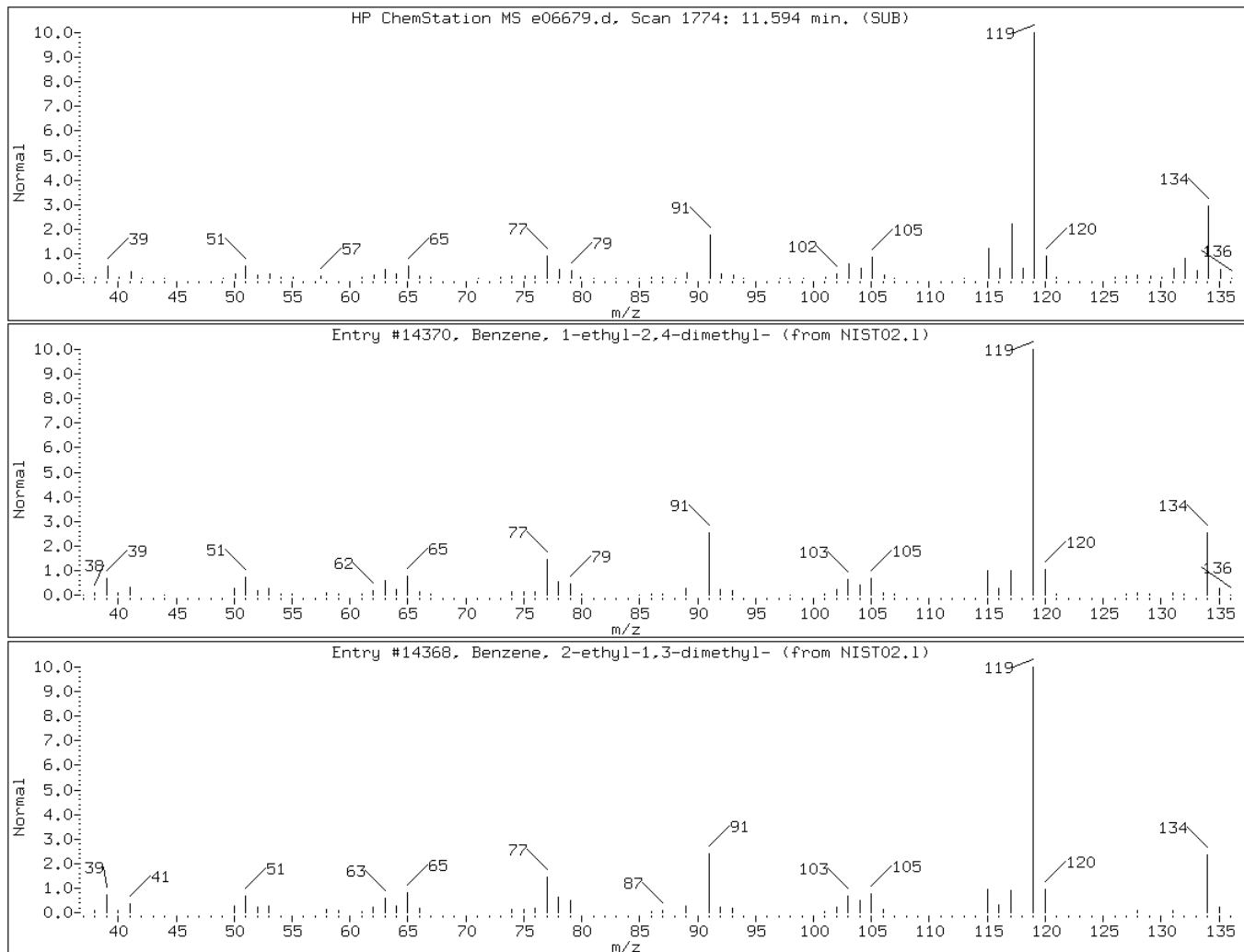
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl dimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.1	14370	93	C ₁₀ H ₁₄	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.1	14368	93	C ₁₀ H ₁₄	134



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

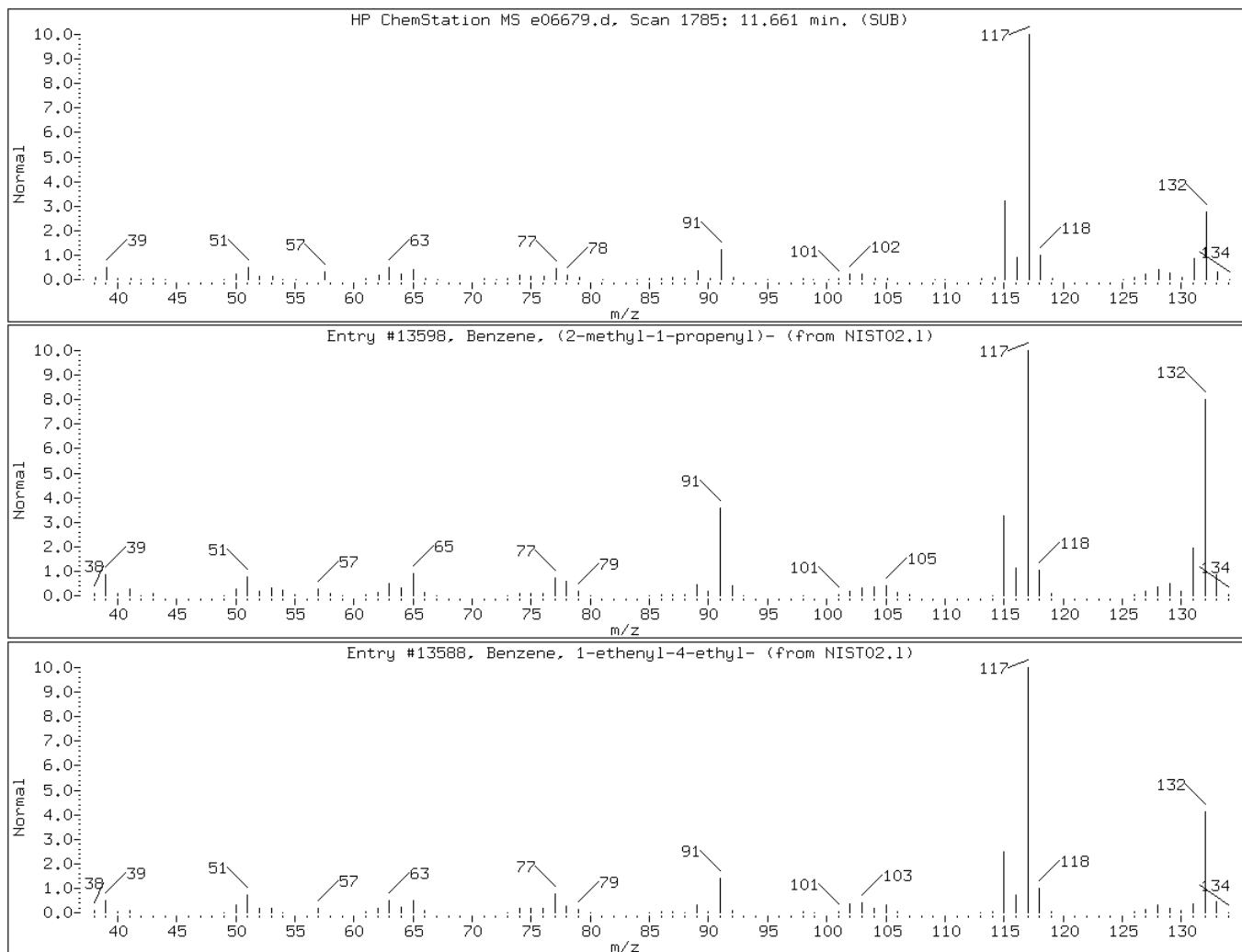
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 11.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.1	13598	91	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.1	13588	91	C10H12	132



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

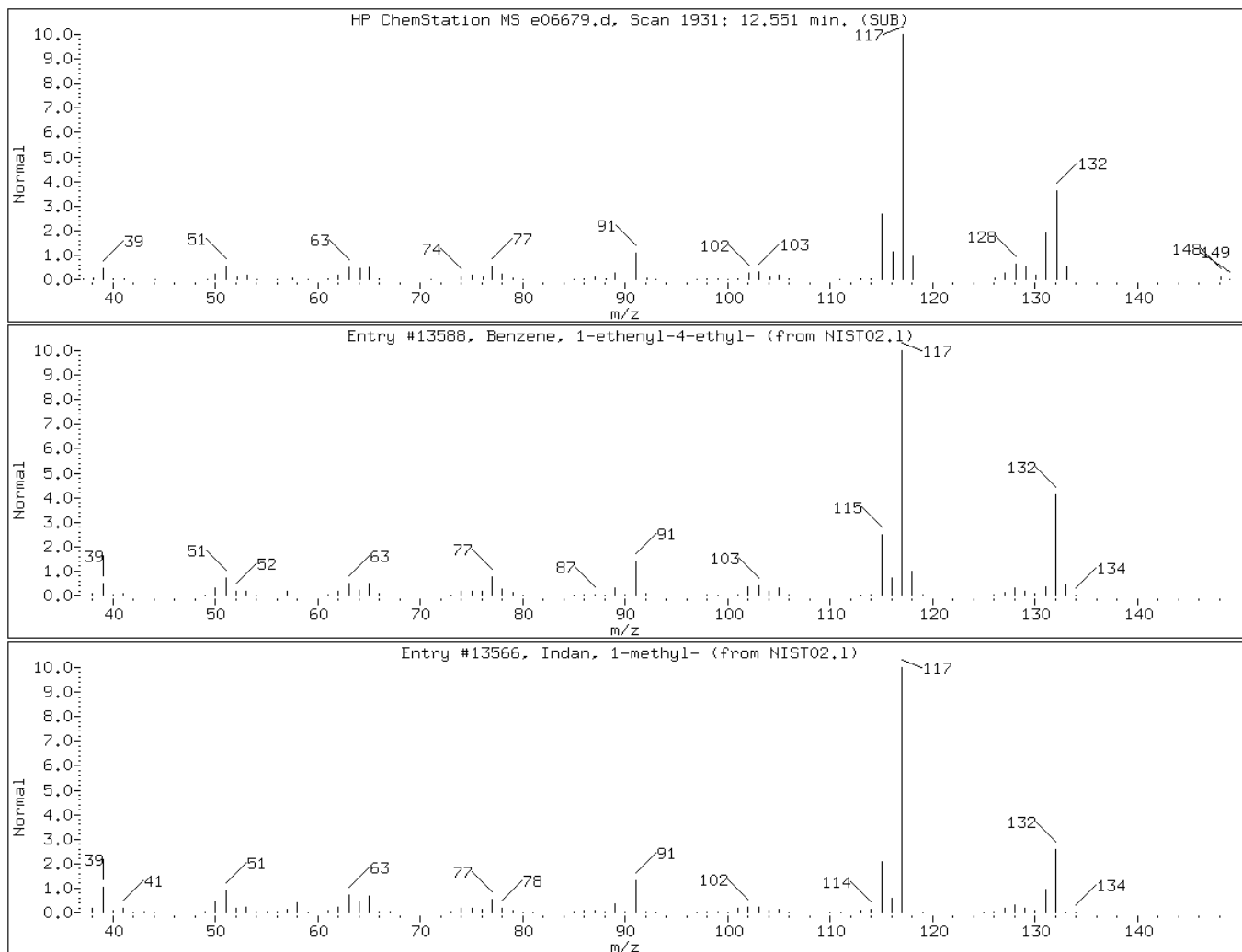
Instrument: VOAMS5.i

Sample Info: 460-43415-A-4

Operator: GC/MS VOAMS5

Retention Time: 12.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.1	13588	93	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.1	13566	90	C10H12	132



Data File: e06679.d

Date: 13-AUG-2012 08:38

Client ID:

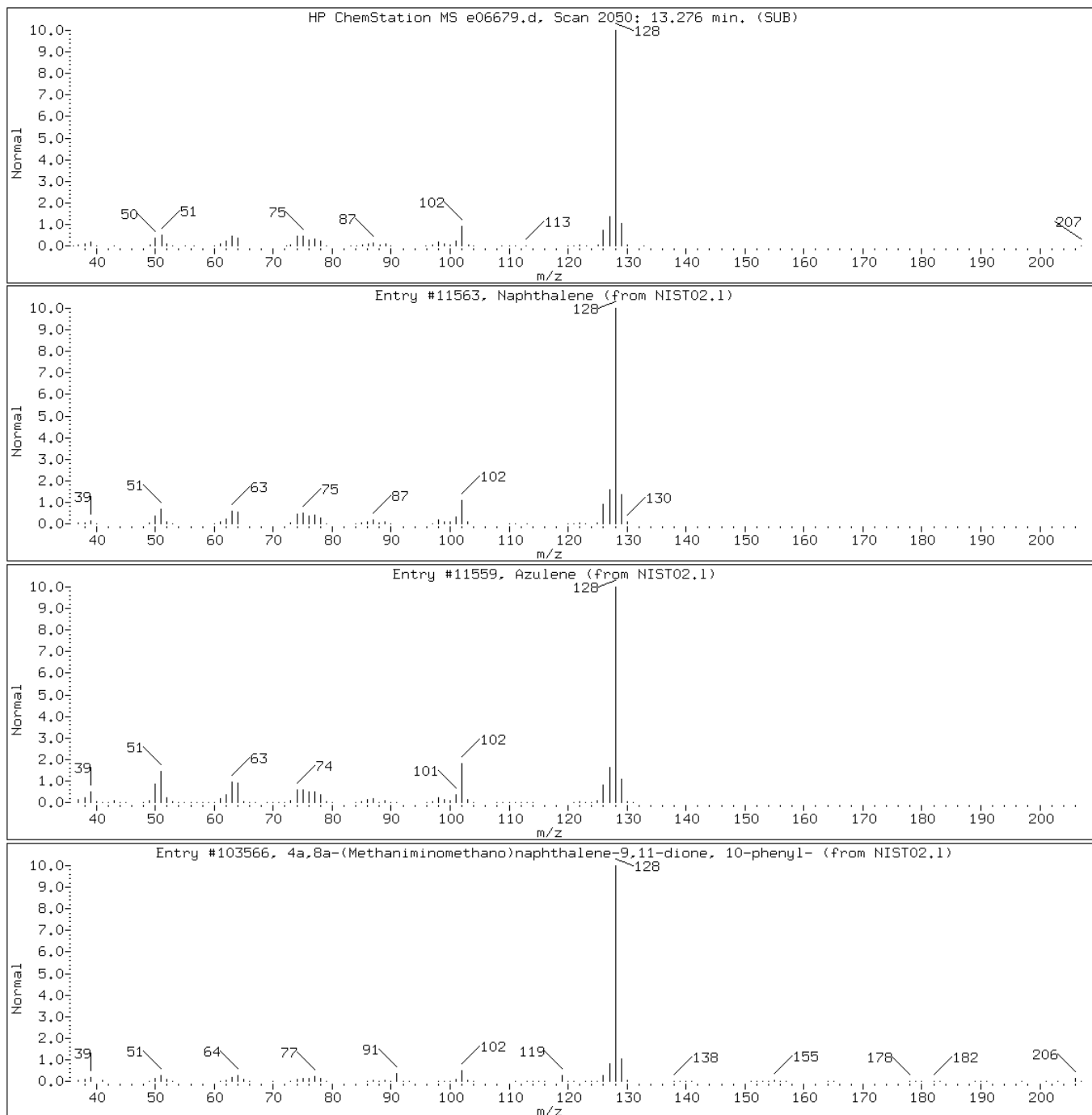
Instrument: VOAMS5.i

Sample Info: 460-43415-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	94	C10H8	128
Azulene	275-51-4	NIST02.1	11559	91	C10H8	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	56	C18H13N02	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: TB-17338-081012-231 Lab Sample ID: 460-43415-5

Matrix: Water Lab File ID: e06644.d

Analysis Method: 8260B Date Collected: 08/08/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 11:24

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.: 123657 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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: TB-17338-081012-231 Lab Sample ID: 460-43415-5
 Matrix: Water Lab File ID: e06644.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 11:24
 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.: 123657 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	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43415-1
SDG No.: _____
Client Sample ID: TB-17338-081012-231 Lab Sample ID: 460-43415-5
Matrix: Water Lab File ID: e06644.d
Analysis Method: 8260B Date Collected: 08/08/2012 10:30
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 11:24
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.: 123657 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/07-30-12/12aug12.b/e06644.d
Report Date: 13-Aug-2012 09:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06644.d
Lab Smp Id: 460-43415-B-5
Inj Date : 12-AUG-2012 11:24
Operator : GC/MS VOAMS5
Smp Info : 460-43415-B-5
Misc Info :
Comment :
Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
Meth Date : 13-Aug-2012 04:32 audberto Quant Type: ISTD
Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd2
Inst ID: VOAMS5.i
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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	220612	51.7246	52	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	720894	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	698439	47.8683	48	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	633267	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	331420	48.4652	48	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	393067	50.0000		

Data File: e06644.d

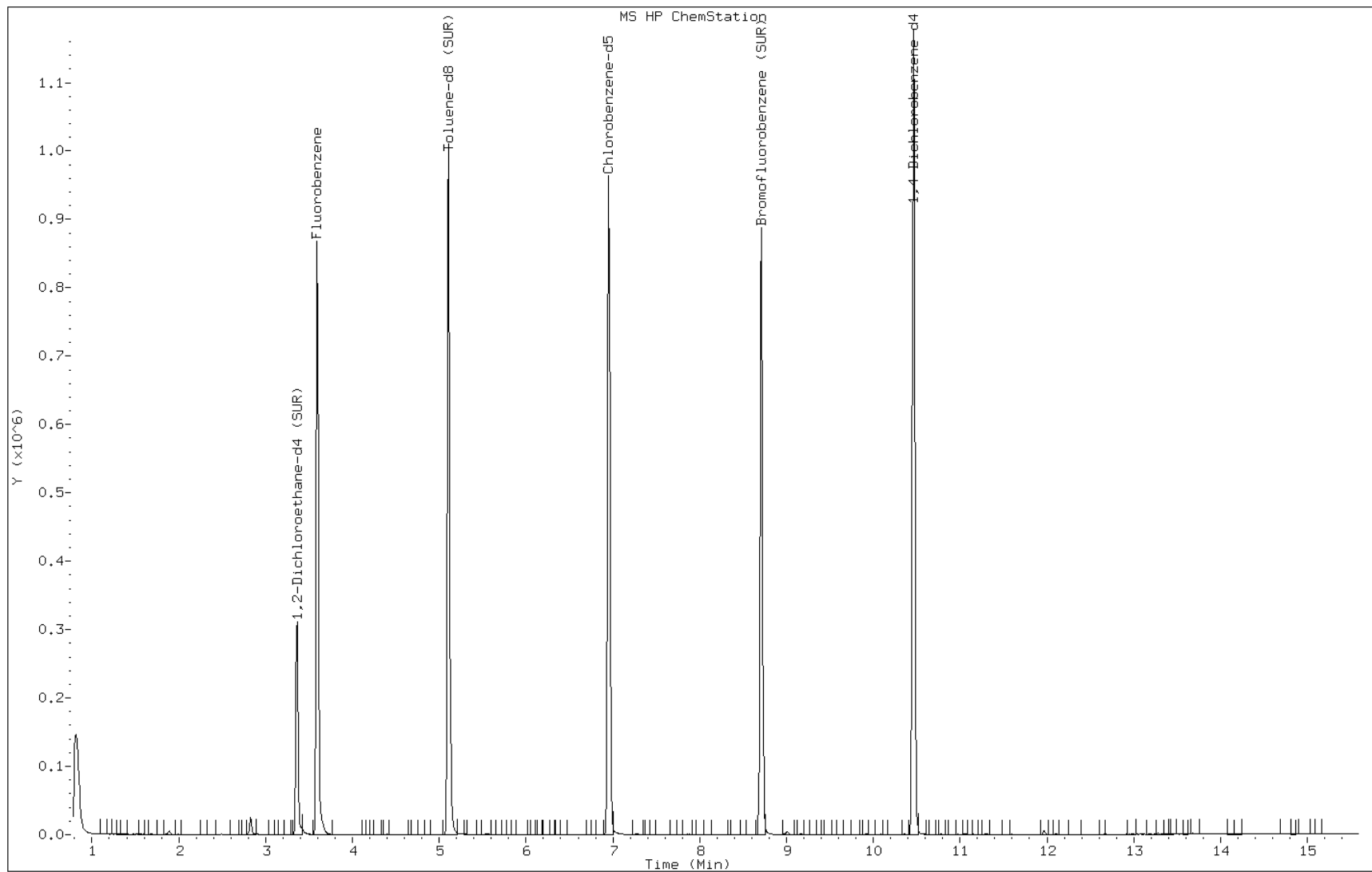
Date: 12-AUG-2012 11:24

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43415-B-5

Operator: GC/MS VOAMS5



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

Lab Name: TestAmerica Edison Job No.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121792/7	e06010.d
Level 2	IC 460-121792/6	e06009.d
Level 3	ICIS 460-121792/2	e05999.d
Level 4	IC 460-121792/3	e06003.d
Level 5	IC 460-121792/4	e06004.d
Level 6	IC 460-121792/5	e06005.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	0.2151 0.1911	0.1912	0.1903	0.1920	0.1789	Ave		0.1931			0.1000	6.1		30.0			
Chloromethane	0.2564 0.2159	0.2507	0.2284	0.2214	0.2051	Ave		0.2297			0.1000	8.8		30.0			
Vinyl chloride	0.2300 0.2091	0.2148	0.2188	0.2161	0.2060	Ave		0.2158			0.1000	3.9		30.0			
Bromomethane	0.1339 0.1497	0.1584	0.1436	0.1299	0.1355	Ave		0.1418			0.1000	7.6		30.0			
Chloroethane	0.1304 0.0929	0.1039	0.1174	0.1269	0.1031	Ave		0.1125			0.1000	13.2		30.0			
Trichlorofluoromethane	0.3201 0.3317	0.3305	0.3460	0.2997	0.2990	Ave		0.3212			0.1000	5.9		30.0			
1,1-Dichloroethene	0.1853 0.1746	0.1714	0.1671	0.1755	0.1672	Ave		0.1735			0.1000	3.9		30.0			
Carbon disulfide	0.6737 0.6678	0.5948	0.5039	0.6316	0.6271	Ave		0.6165			0.1000	10.1		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2072 0.2124	0.1893	0.1789	0.2011	0.1989	Ave		0.1980			0.1000	6.2		30.0			
Methylene Chloride	0.2915 0.2396	0.2930	0.2710	0.2655	0.2463	Ave		0.2678			0.1000	8.3		30.0			
Acetone	0.0215 0.0153	0.0165	0.0169	0.0165	0.0146	Ave		0.0169		*	0.1000	14.4		30.0			
trans-1,2-Dichloroethene	0.2262 0.2207	0.2222	0.2079	0.2336	0.2181	Ave		0.2214			0.1000	3.9		30.0			
Methyl acetate	0.0390 0.0363	0.0387	0.0440	0.0376	0.0355	Ave		0.0385		*	0.1000	7.8		30.0			
Methyl tert-butyl ether	0.7030 0.6757	0.6810	0.6881	0.6901	0.6540	Ave		0.6820			0.1000	2.4		30.0			
1,1-Dichloroethane	0.4120 0.3961	0.4096	0.4011	0.4216	0.4036	Ave		0.4073			0.1000	2.2		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.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

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	0.2745 0.2458	0.2681	0.2472	0.2558	0.2430	Ave		0.2558			0.1000	5.1		30.0			
Cyclohexane	0.3503 0.3655	0.3217	0.3172	0.3437	0.3430	Ave		0.3402			0.1000	5.3		30.0			
Chloroform	0.4246 0.4155	0.4061	0.4169	0.4260	0.4147	Ave		0.4173			0.1000	1.7		30.0			
Carbon tetrachloride	0.3122 0.3644	0.3018	0.3193	0.3379	0.3644	Ave		0.3333			0.1000	8.0		30.0			
1,1,1-Trichloroethane	0.3808 0.4199	0.3594	0.3816	0.3980	0.4200	Ave		0.3933			0.1000	6.1		30.0			
2-Butanone (MEK)	0.0304 0.0389	0.0273	0.0362	0.0365	0.0366	Ave		0.0343		*	0.1000	12.9		30.0			
Benzene	1.0288 1.0263	1.0548	1.0291	1.0555	1.0833	Ave		1.0463			0.1000	2.2		30.0			
1,2-Dichloroethane	0.3141 0.3229	0.3227	0.3017	0.3257	0.3207	Ave		0.3180			0.1000	2.8		30.0			
Methylcyclohexane	0.4176 0.3803	0.3535	0.3397	0.3589	0.3521	Ave		0.3670			0.1000	7.7		30.0			
Trichloroethene	0.2685 0.2639	0.2545	0.2431	0.2499	0.2537	Ave		0.2556			0.1000	3.6		30.0			
1,2-Dichloropropane	0.2229 0.2396	0.2337	0.2240	0.2265	0.2301	Ave		0.2295			0.1000	2.8		30.0			
Dichlorobromomethane	0.3297 0.3577	0.3373	0.3249	0.3306	0.3448	Ave		0.3375			0.1000	3.6		30.0			
cis-1,3-Dichloropropene	0.4344 0.4836	0.4768	0.4689	0.4751	0.4869	Ave		0.4710			0.1000	4.0		30.0			
Toluene	1.5168 1.2392	1.3634	1.2704	1.2801	1.2800	Ave		1.3250			0.1000	7.7		30.0			
Tetrachloroethene	0.3852 0.3825	0.3811	0.3749	0.3821	0.3909	Ave		0.3828			0.1000	1.4		30.0			
4-Methyl-2-pentanone (MIBK)	0.2294 0.2280	0.2055	0.2135	0.2157	0.2084	Ave		0.2168			0.1000	4.6		30.0			
trans-1,3-Dichloropropene	0.4222 0.4707	0.4441	0.4392	0.4514	0.4667	Ave		0.4491			0.1000	4.0		30.0			
1,1,2-Trichloroethane	0.1956 0.1982	0.1981	0.1929	0.1905	0.1944	Ave		0.1950			0.1000	1.5		30.0			
Chlorodibromomethane	0.2879 ++++	0.3187	0.3276	0.3305	0.3492	Ave		0.3228			0.1000	7.0		30.0			
1,2-Dibromoethane	0.2560 0.2749	0.2675	0.2608	0.2674	0.2700	Ave		0.2661			0.1000	2.5		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.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

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	0.1894 0.1736	0.1631	0.1751	0.1753	0.1582	Ave		0.1724			0.1000	6.3		30.0			
Chlorobenzene	0.9140 0.9118	0.9393	0.9038	0.9017	0.9019	Ave		0.9121			0.1000	1.6		30.0			
Ethylbenzene	0.4645 0.4942	0.4753	0.4681	0.4755	0.4795	Ave		0.4762			0.1000	2.2		30.0			
m-Xylene & p-Xylene	0.6032 0.6139	0.6215	0.5993	0.6066	0.6030	Ave		0.6079			0.1000	1.4		30.0			
o-Xylene	0.6159 0.6039	0.6185	0.5909	0.5920	0.5861	Ave		0.6012			0.1000	2.3		30.0			
Bromoform	0.2129 0.2827	0.2381	0.2497	0.2579	0.2671	Ave		0.2514			0.1000	9.6		30.0			
Styrene	1.0467 1.0509	1.0704	1.0153	1.0300	1.0199	Ave		1.0389			0.1000	2.0		30.0			
Isopropylbenzene	1.5171 1.5650	1.5999	1.5391	1.5563	1.5457	Ave		1.5539			0.1000	1.8		30.0			
1,1,2,2-Tetrachloroethane	0.4861 0.5019	0.4651	0.4735	0.4703	0.4835	Ave		0.4801			0.1000	2.8		30.0			
1,3-Dichlorobenzene	1.4045 1.2791	1.3620	1.2861	1.2782	1.2853	Ave		1.3159			0.1000	4.1		30.0			
1,4-Dichlorobenzene	1.4583 1.3095	1.4210	1.3241	1.3083	1.3033	Ave		1.3541			0.1000	5.0		30.0			
1,2-Dichlorobenzene	1.3177 1.2038	1.3278	1.2344	1.2216	1.1901	Ave		1.2492			0.1000	4.7		30.0			
1,2-Dibromo-3-Chloropropane	0.1013 0.0984	0.0973	0.0913	0.0938	0.0942	Ave		0.0961		*	0.1000	3.8		30.0			
1,2,4-Trichlorobenzene	1.0435 0.7772	0.9706	0.8197	0.8021	0.7861	Ave		0.8665			0.1000	12.9		30.0			
1,2-Dichloroethane-d4 (Surr)	0.2560 0.2575	0.2508	0.2352	0.2462	0.2449	Ave		0.2484			0.1000	3.3		30.0			
Toluene-d8 (Surr)	1.0517 1.0528	1.0518	1.0579	1.0586	1.0614	Ave		1.0557			0.1000	0.4		30.0			
4-Bromofluorobenzene	0.8148 0.9076	0.8111	0.8315	0.8304	0.8582	Ave		0.8423			0.1000	4.3		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.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-121792/7	e06010.d
Level 2	IC 460-121792/6	e06009.d
Level 3	ICIS 460-121792/2	e05999.d
Level 4	IC 460-121792/3	e06003.d
Level 5	IC 460-121792/4	e06004.d
Level 6	IC 460-121792/5	e06005.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	4521 2256759	20280	83576	211241	870973	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5390 2549064	26589	100321	243575	998398	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4834 2469106	22777	96115	237732	1003097	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2815 1768011	16800	63067	142846	659809	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2741 1097009	11019	51570	139630	502111	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6729 3915749	35048	151992	329646	1455631	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	3896 2061904	18173	73408	193061	813938	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	14162 7883994	63075	221336	694746	3053172	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4356 2507426	20077	78574	221217	968145	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	6127 2829076	31076	119035	292024	1199330	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2264 181056	5264	7430	18138	70964	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4755 2605203	23561	91306	256962	1061862	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	820 429090	4100	19318	41363	172852	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	14777 7977208	72216	302255	759073	3184205	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8661 4676860	43439	176175	463734	1965151	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5771 2902503	28432	108605	281390	1183272	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.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

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	7363 4315008	34115	139320	378069	1669818	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	8926 4905994	43067	183113	468560	2018823	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6563 4302287	32006	140244	371698	1774089	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8005 4957303	38117	167614	437845	2044636	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	3191 459172	8693	15886	40129	177965	5.00 500	15.0	20.0	50.0	200
Benzene	CBZ	Ave	19591 11165056	99494	400814	1027803	4556000	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6602 3812202	34217	132546	358272	1561229	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8779 4490325	37488	149241	394801	1714426	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5643 3115953	26990	106804	274868	1234971	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4685 2829221	24780	98414	249137	1120199	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6930 4223308	35768	142734	363631	1678657	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	8272 5261643	44974	182635	462654	2047840	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	28884 13481258	128598	494836	1246457	5383311	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	7335 4161793	35946	146028	372062	1644213	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	21838 2480653	58156	83177	210058	876422	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	8041 5121364	41892	171065	439490	1962714	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3725 2156286	18681	75147	185524	817491	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	5482 +++++	30064	127596	321766	1468718	1.00 +++++	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	4875 2990968	25229	101600	260335	1135623	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	18030 1888405	46154	68203	170678	665483	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	17405 9919221	88593	352023	877992	3793436	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.: 460-43415-1 Analy Batch No.: 121792

SDG No.: _____

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

Calibration Start Date: 07/30/2012 04:34 Calibration End Date: 07/30/2012 09:39 Calibration ID: 16560

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	8845 5376778	44833	182334	463009	2016539	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	22972 13357264	117232	466877	1181386	5072537	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	11729 6569521	58333	230171	576435	2465208	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4054 3076038	22459	97239	251106	1123360	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	19932 11433457	100962	395453	1002891	4289333	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	28891 17025634	150903	599491	1515368	6500969	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6402 3345146	30069	121117	302836	1277863	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18497 8525851	88060	328967	823103	3396759	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	19205 8728817	91871	338698	842480	3444405	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	17354 8023833	85847	315737	786615	3145235	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1334 655872	6292	23357	60419	248994	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	13742 5180465	62751	209680	516470	2077418	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	269068 303998	265951	258273	270789	298107	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1001346 1145394	992105	1030145	1030729	1115982	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	536535 604941	524406	531715	534735	567000	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05999.d
 Report Date: 30-Jul-2012 06:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05999.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 30-JUL-2012 04:34
 Operator : GC/MS VOAMS5
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 06:54 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 2 Calibration Sample, Level: 3
 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	0.882	0.882	(0.245)	83576	20.0000	20
3 Chloromethane	50	1.010	1.010	(0.281)	100321	20.0000	20
4 Vinyl Chloride	62	1.016	1.016	(0.283)	96115	20.0000	20
6 Bromomethane	94	1.169	1.169	(0.325)	63067	20.0000	20
5 Chloroethane	64	1.230	1.230	(0.342)	51570	20.0000	20
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	151992	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	78574	20.0000	20
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	73408	20.0000	20
16 Acetone	58	1.888	1.888	(0.525)	7430	20.0000	20
18 Carbon Disulfide	76	1.559	1.559	(0.434)	221336	20.0000	20
27 Methyl Acetate	74	1.955	1.955	(0.544)	19318	20.0000	20
22 Methylene Chloride	49	1.852	1.852	(0.515)	119035	20.0000	20
28 MTBE	73	2.010	2.010	(0.559)	302255	20.0000	20
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	91306	20.0000	20
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	176175	20.0000	20
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	108605	20.0000	20

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05999.d
 Report Date: 30-Jul-2012 06:54

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)	15886	20.0000	20
42 Chloroform	83	2.839	2.839	(0.790)	183113	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	139320	20.0000	20
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	167614	20.0000	20
45 Carbon Tetrachloride	117	2.925	2.925	(0.813)	140244	20.0000	20
48 Benzene	78	3.254	3.254	(0.468)	400814	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	258273	50.0000	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	132546	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1098185	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	106804	20.0000	20
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	149241	20.0000	20
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	98414	20.0000	20
68 Bromodichloromethane	83	4.266	4.266	(1.187)	142734	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	182635	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	83177	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1030145	50.0000	50
66 Toluene	91	5.156	5.156	(0.741)	494836	20.0000	20
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	171065	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	75147	20.0000	20
71 Tetrachloroethene	166	5.576	5.576	(0.802)	146028	20.0000	20
73 2-Hexanone	43	6.674	6.674	(0.960)	68203	20.0000	20
74 Dibromochloromethane	129	6.015	6.015	(0.865)	127596	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	101600	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	973745	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	352023	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	182334	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	466877	40.0000	40
84 o-Xylene	106	7.856	7.856	(1.130)	230171	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	395453	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	97239	20.0000	20
88 Isopropylbenzene	105	8.344	8.344	(1.200)	599491	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	531715	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	121117	20.0000	20
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	328967	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	639475	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	338698	20.0000	20
111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	315737	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23357	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	209680	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				199912	40.0000	40
M 121 Xylene (Total)	100				697048	60.0000	60

Data File: e05999.d

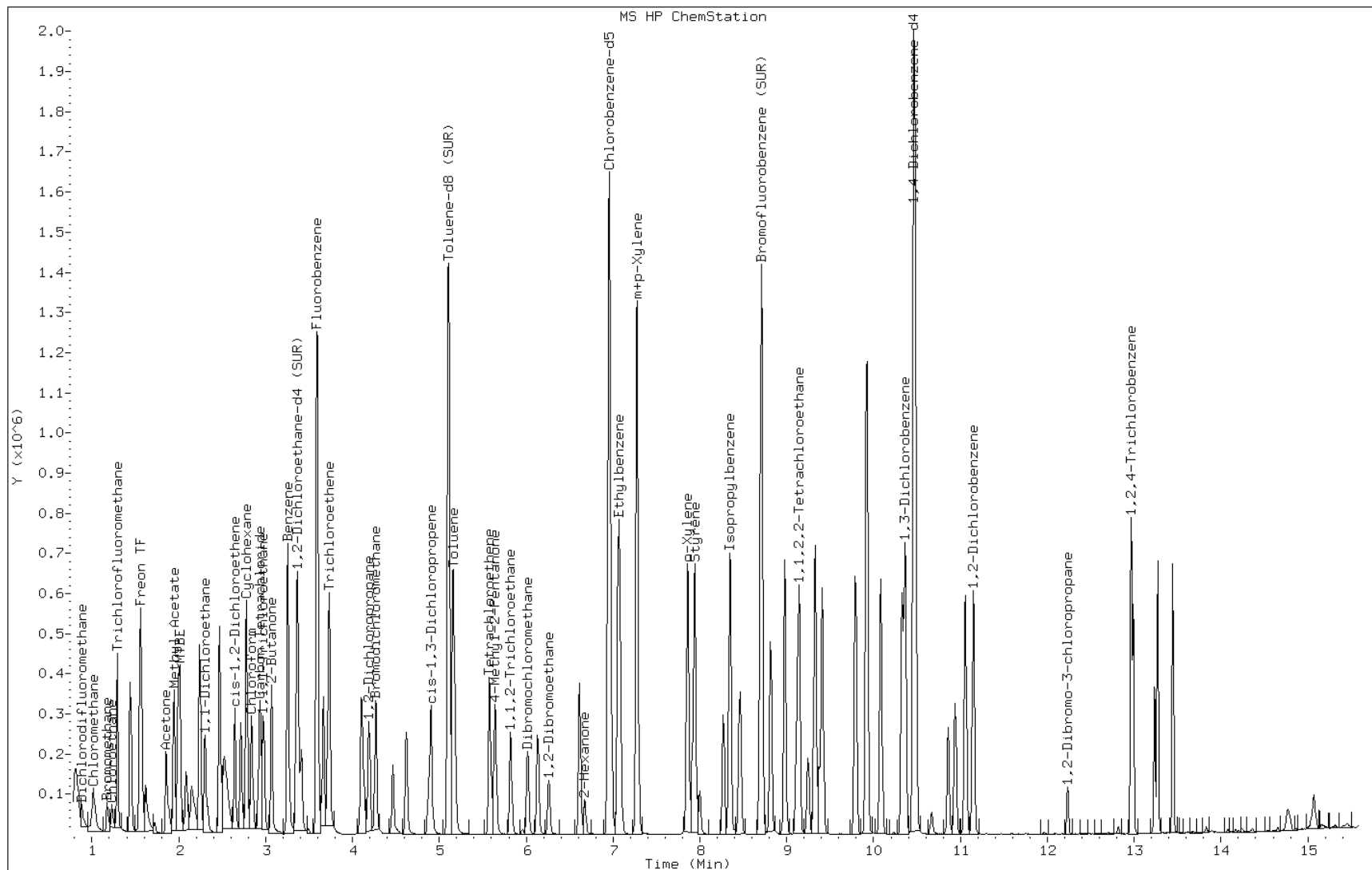
Date: 30-JUL-2012 04:34

Client ID:

Instrument: VOAMS5.i

Sample Info: ICIS-VMCAL3

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06003.d
 Report Date: 30-Jul-2012 08:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06003.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 30-JUL-2012 06:31
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 08:09 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 6 Calibration Sample, Level: 4
 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	0.888	0.888	(0.247)	211241	50.0000	45
3 Chloromethane	50	1.010	1.010	(0.281)	243575	50.0000	39
4 Vinyl Chloride	62	1.016	1.016	(0.283)	237732	50.0000	42
6 Bromomethane	94	1.175	1.175	(0.327)	142846	50.0000	36
5 Chloroethane	64	1.230	1.230	(0.342)	139630	50.0000	43
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	329646	50.0000	43
14 Freon TF	101	1.565	1.565	(0.435)	221217	50.0000	46
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	193061	50.0000	45
16 Acetone	58	1.888	1.888	(0.525)	18138	50.0000	63
18 Carbon Disulfide	76	1.559	1.559	(0.434)	694746	50.0000	44
27 Methyl Acetate	74	1.955	1.955	(0.544)	41363	50.0000	34
22 Methylene Chloride	49	1.852	1.852	(0.515)	292024	50.0000	37
28 MTBE	73	2.016	2.016	(0.561)	759073	50.0000	39
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	256962	50.0000	44
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	463734	50.0000	42
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	281390	50.0000	40

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06003.d
 Report Date: 30-Jul-2012 08:09

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)	40129	50.0000	69
42 Chloroform	83	2.839	2.839	(0.790)	468560	50.0000	41
44 Cyclohexane	56	2.778	2.778	(0.773)	378069	50.0000	46
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	437845	50.0000	46
45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	371698	50.0000	48
48 Benzene	78	3.254	3.254	(0.468)	1027803	50.0000	42
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	270789	50.0000	46
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	358272	50.0000	40
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1100022	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	274868	50.0000	42
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	394801	50.0000	45
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	249137	50.0000	39
68 Bromodichloromethane	83	4.272	4.272	(1.188)	363631	50.0000	40
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	462654	50.0000	40
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	210058	50.0000	70
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1030729	50.0000	46
66 Toluene	91	5.162	5.162	(0.742)	1246457	50.0000	39
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	439490	50.0000	40
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	185524	50.0000	39
71 Tetrachloroethene	166	5.582	5.582	(0.803)	372062	50.0000	46
73 2-Hexanone	43	6.674	6.674	(0.960)	170678	50.0000	69
74 Dibromochloromethane	129	6.015	6.015	(0.865)	321766	50.0000	41
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	260335	50.0000	40
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	973714	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	877992	50.0000	40
81 Ethylbenzene	106	7.064	7.064	(1.016)	463009	50.0000	43
82 m+p-Xylene	106	7.277	7.277	(1.046)	1181386	100.000	84
84 o-Xylene	106	7.863	7.863	(1.131)	576435	50.0000	41
85 Styrene	104	7.942	7.942	(1.142)	1002891	50.0000	41
86 Bromoform	173	7.917	7.917	(1.139)	251106	50.0000	42
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1515368	50.0000	44
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	534735	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	302836	50.0000	39
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	823103	50.0000	40
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	643934	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	842480	50.0000	40
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	786615	50.0000	39
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	60419	50.0000	40
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	516470	50.0000	38
M 120 1,2-Dichloroethene (Total)	100				538353	100.000	84
M 121 Xylene (Total)	100				1757821	150.000	120

Data File: e06003.d

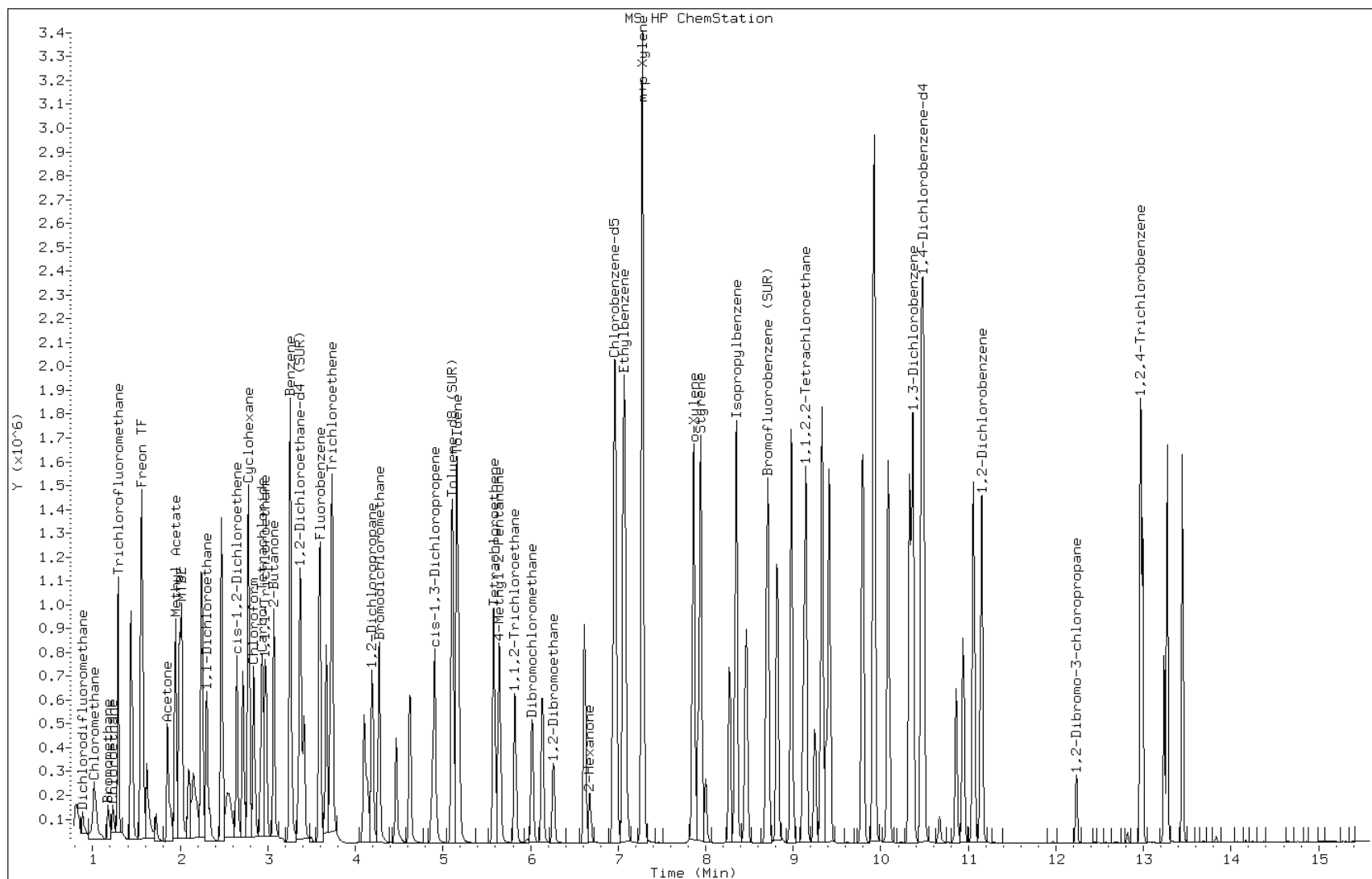
Date: 30-JUL-2012 06:31

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL4

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06004.d
 Report Date: 30-Jul-2012 08:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06004.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 30-JUL-2012 06:55
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 08:09 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 7 Calibration Sample, Level: 5
 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	0.882	0.882	(0.245)	870973	200.000	170
3 Chloromethane	50	1.010	1.010	(0.281)	998398	200.000	150
4 Vinyl Chloride	62	1.016	1.016	(0.283)	1003097	200.000	170
6 Bromomethane	94	1.169	1.169	(0.325)	659809	200.000	160
5 Chloroethane	64	1.230	1.230	(0.342)	502111	200.000	150
7 Trichlorofluoromethane	101	1.290	1.290	(0.359)	1455631	200.000	180
14 Freon TF	101	1.571	1.571	(0.437)	968145	200.000	190
15 1,1-Dichloroethene	96	1.540	1.540	(0.428)	813938	200.000	180
16 Acetone	58	1.888	1.888	(0.525)	70964	200.000	220
18 Carbon Disulfide	76	1.559	1.559	(0.434)	3053172	200.000	180
27 Methyl Acetate	74	1.955	1.955	(0.544)	172852	200.000	140
22 Methylene Chloride	49	1.851	1.851	(0.515)	1199330	200.000	150
28 MTBE	73	2.016	2.016	(0.561)	3184205	200.000	160
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	1061862	200.000	170
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	1965151	200.000	170
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	1183272	200.000	160

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06004.d
 Report Date: 30-Jul-2012 08:09

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)	177965	200.000	260
42 Chloroform	83	2.839	2.839	(0.790)	2018823	200.000	170
44 Cyclohexane	56	2.784	2.784	(0.774)	1669818	200.000	190
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	2044636	200.000	200
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	1774089	200.000	210
48 Benzene	78	3.260	3.260	(0.468)	4556000	200.000	180
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	298107	50.0000	46
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	1561229	200.000	160
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1217135	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	1234971	200.000	180
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	1714426	200.000	180
57 1,2-Dichloropropane	63	4.198	4.198	(1.168)	1120199	200.000	160
68 Bromodichloromethane	83	4.272	4.272	(1.188)	1678657	200.000	170
67 cis-1,3-Dichloropropene	75	4.912	4.912	(0.706)	2047840	200.000	170
70 4-Methyl-2-Pentanone	43	5.631	5.631	(0.809)	876422	200.000	250
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1115982	50.0000	47
66 Toluene	91	5.162	5.162	(0.742)	5383311	200.000	160
64 trans-1,3-Dichloropropene	75	5.656	5.656	(0.813)	1962714	200.000	170
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.837)	817491	200.000	170
71 Tetrachloroethene	166	5.582	5.582	(0.802)	1644213	200.000	190
73 2-Hexanone	43	6.680	6.680	(0.960)	665483	200.000	240
74 Dibromochloromethane	129	6.021	6.021	(0.865)	1468718	200.000	180
77 1,2-Dibromoethane	107	6.265	6.265	(0.900)	1135623	200.000	170
* 78 Chlorobenzene-d5	117	6.960	6.960	(1.000)	1051458	50.0000	
79 Chlorobenzene	112	6.985	6.985	(1.004)	3793436	200.000	170
81 Ethylbenzene	106	7.076	7.076	(1.017)	2016539	200.000	180
82 m+p-Xylene	106	7.289	7.289	(1.047)	5072537	400.000	350
84 o-Xylene	106	7.868	7.868	(1.131)	2465208	200.000	170
85 Styrene	104	7.954	7.954	(1.143)	4289333	200.000	170
86 Bromoform	173	7.923	7.923	(1.138)	1123360	200.000	180
88 Isopropylbenzene	105	8.362	8.362	(1.201)	6500969	200.000	180
\$ 89 Bromofluorobenzene (SUR)	174	8.716	8.716	(0.832)	567000	50.0000	48
92 1,1,2,2-Tetrachloroethane	83	9.118	9.118	(0.870)	1277863	200.000	160
105 1,3-Dichlorobenzene	146	10.344	10.344	(0.987)	3396759	200.000	170
* 108 1,4-Dichlorobenzene-d4	152	10.478	10.478	(1.000)	660686	50.0000	
109 1,4-Dichlorobenzene	146	10.502	10.502	(1.002)	3444405	200.000	160
111 1,2-Dichlorobenzene	146	11.161	11.161	(1.065)	3145235	200.000	160
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.168)	248994	200.000	160
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.238)	2077418	200.000	160
M 120 1,2-Dichloroethene (Total)	100				2245134	400.000	330
M 121 Xylene (Total)	100				7537746	600.000	520

Data File: e06004.d

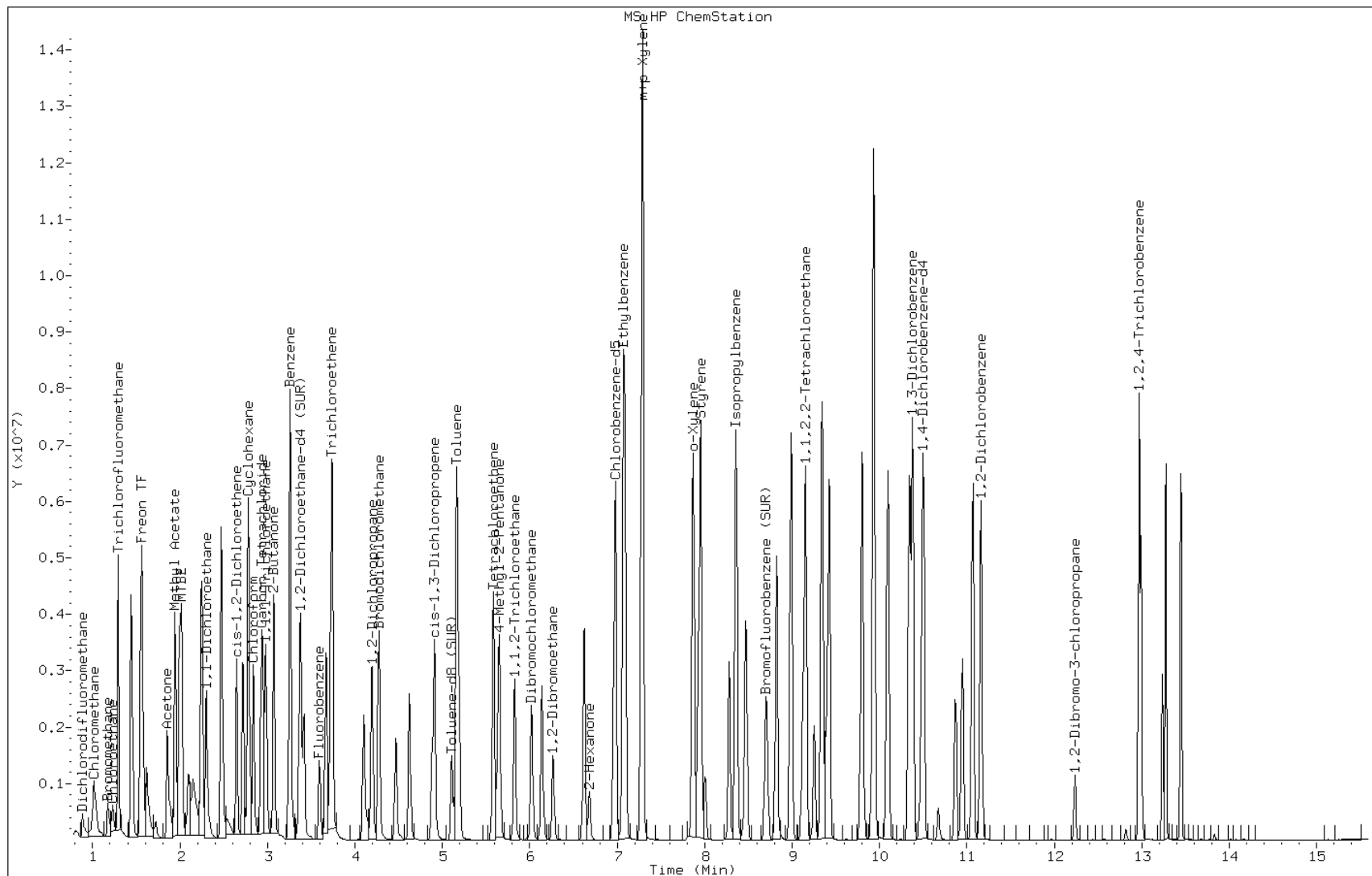
Date: 30-JUL-2012 06:55

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL5

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06005.d
 Report Date: 30-Jul-2012 08:09

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06005.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 30-JUL-2012 07:18
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 08:09 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 8 Calibration Sample, Level: 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						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.882	0.882	(0.245)	2256759		500.000	470
3 Chloromethane	50	1.004	1.004	(0.279)	2549064		500.000	410
4 Vinyl Chloride	62	1.016	1.016	(0.282)	2469106		500.000	440
6 Bromomethane	94	1.169	1.169	(0.324)	1768011		500.000	450
5 Chloroethane	64	1.229	1.229	(0.341)	1097009		500.000	350
7 Trichlorofluoromethane	101	1.290	1.290	(0.358)	3915749		500.000	490
14 Freon TF	101	1.565	1.565	(0.435)	2507426		500.000	500
15 1,1-Dichloroethene	96	1.546	1.546	(0.429)	2061904		500.000	470
16 Acetone	58	1.888	1.888	(0.524)	181056		500.000	560(A)
18 Carbon Disulfide	76	1.559	1.559	(0.433)	7883994		500.000	480
27 Methyl Acetate	74	1.955	1.955	(0.543)	429090		500.000	380
22 Methylene Chloride	49	1.851	1.851	(0.514)	2829076		500.000	380
28 MTBE	73	2.016	2.016	(0.560)	7977208		500.000	420
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	2605203		500.000	440
30 1,1-Dichloroethane	63	2.302	2.302	(0.639)	4676860		500.000	420
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.736)	2902503		500.000	420

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06005.d
 Report Date: 30-Jul-2012 08:09

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	(0.854)	459172	500.000	650(A)
42 Chloroform	83	2.839	2.839	(0.788)	4905994	500.000	430
44 Cyclohexane	56	2.790	2.790	(0.775)	4315008	500.000	500
43 1,1,1-Trichloroethane	97	2.985	2.985	(0.829)	4957303	500.000	490
45 Carbon Tetrachloride	117	2.936	2.936	(0.815)	4302287	500.000	510(A)
48 Benzene	78	3.266	3.266	(0.468)	11165056	500.000	430
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.934)	303998	50.0000	49
49 1,2-Dichloroethane	62	3.424	3.424	(0.951)	3812202	500.000	430
* 52 Fluorobenzene	96	3.601	3.601	(1.000)	1180645	50.0000	
54 Trichloroethene	95	3.747	3.747	(1.041)	3115953	500.000	460
56 Methyl cyclohexane	83	3.735	3.735	(1.037)	4490325	500.000	490
57 1,2-Dichloropropane	63	4.204	4.204	(1.168)	2829221	500.000	440
68 Bromodichloromethane	83	4.278	4.278	(1.188)	4223308	500.000	460
67 cis-1,3-Dichloropropene	75	4.924	4.924	(0.706)	5261643	500.000	440
70 4-Methyl-2-Pentanone	43	5.643	5.643	(0.809)	2480653	500.000	650(A)
\$ 65 Toluene-d8 (SUR)	98	5.113	5.113	(0.733)	1145394	50.0000	47
66 Toluene	91	5.174	5.174	(0.742)	13481258	500.000	410
64 trans-1,3-Dichloropropene	75	5.668	5.668	(0.813)	5121364	500.000	450
69 1,1,2-Trichloroethane	83	5.838	5.838	(0.837)	2156286	500.000	440
71 Tetrachloroethene	166	5.594	5.594	(0.802)	4161793	500.000	470
73 2-Hexanone	43	6.692	6.692	(0.960)	1888405	500.000	620(A)
74 Dibromochloromethane	129	6.027	6.027	(0.864)	3917288	500.000	460
77 1,2-Dibromoethane	107	6.277	6.277	(0.900)	2990968	500.000	430
* 78 Chlorobenzene-d5	117	6.972	6.972	(1.000)	1087924	50.0000	
79 Chlorobenzene	112	6.997	6.997	(1.003)	9919221	500.000	430
81 Ethylbenzene	106	7.094	7.094	(1.017)	5376778	500.000	470
82 m+p-Xylene	106	7.314	7.314	(1.049)	13357264	1000.00	900
84 o-Xylene	106	7.887	7.887	(1.131)	6569521	500.000	440
85 Styrene	104	7.972	7.972	(1.143)	11433457	500.000	440
86 Bromoform	173	7.942	7.942	(1.139)	3076038	500.000	480
88 Isopropylbenzene	105	8.380	8.380	(1.202)	17025634	500.000	460(A)
\$ 89 Bromofluorobenzene (SUR)	174	8.728	8.728	(0.832)	604941	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.136	9.136	(0.870)	3345146	500.000	440
105 1,3-Dichlorobenzene	146	10.368	10.368	(0.988)	8525851	500.000	430
* 108 1,4-Dichlorobenzene-d4	152	10.496	10.496	(1.000)	666560	50.0000	
109 1,4-Dichlorobenzene	146	10.526	10.526	(1.003)	8728817	500.000	430
111 1,2-Dichlorobenzene	146	11.185	11.185	(1.066)	8023833	500.000	420
112 1,2-Dibromo-3-chloropropane	75	12.239	12.239	(1.166)	655872	500.000	440
114 1,2,4-Trichlorobenzene	180	12.977	12.977	(1.236)	5180465	500.000	400
M 120 1,2-Dichloroethene (Total)	100				5507706	1000.00	860
M 121 Xylene (Total)	100				19926786	1500.00	1300

QC Flag Legend

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

Data File: e06005.d

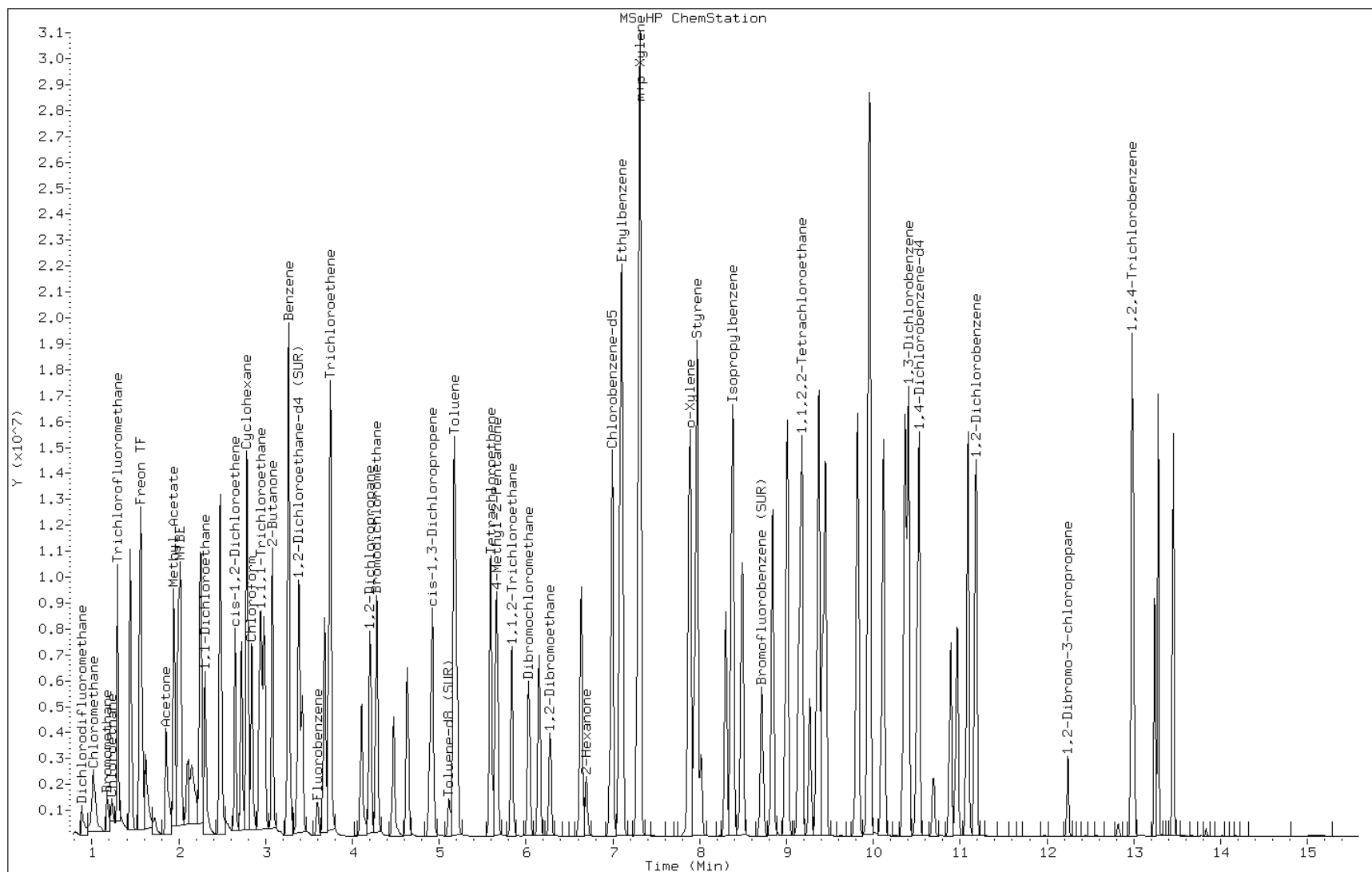
Date: 30-JUL-2012 07:18

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL6

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06009.d
 Report Date: 30-Jul-2012 09:22

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06009.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 30-JUL-2012 08:52
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 09:22 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 12 Calibration Sample, Level: 2
 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

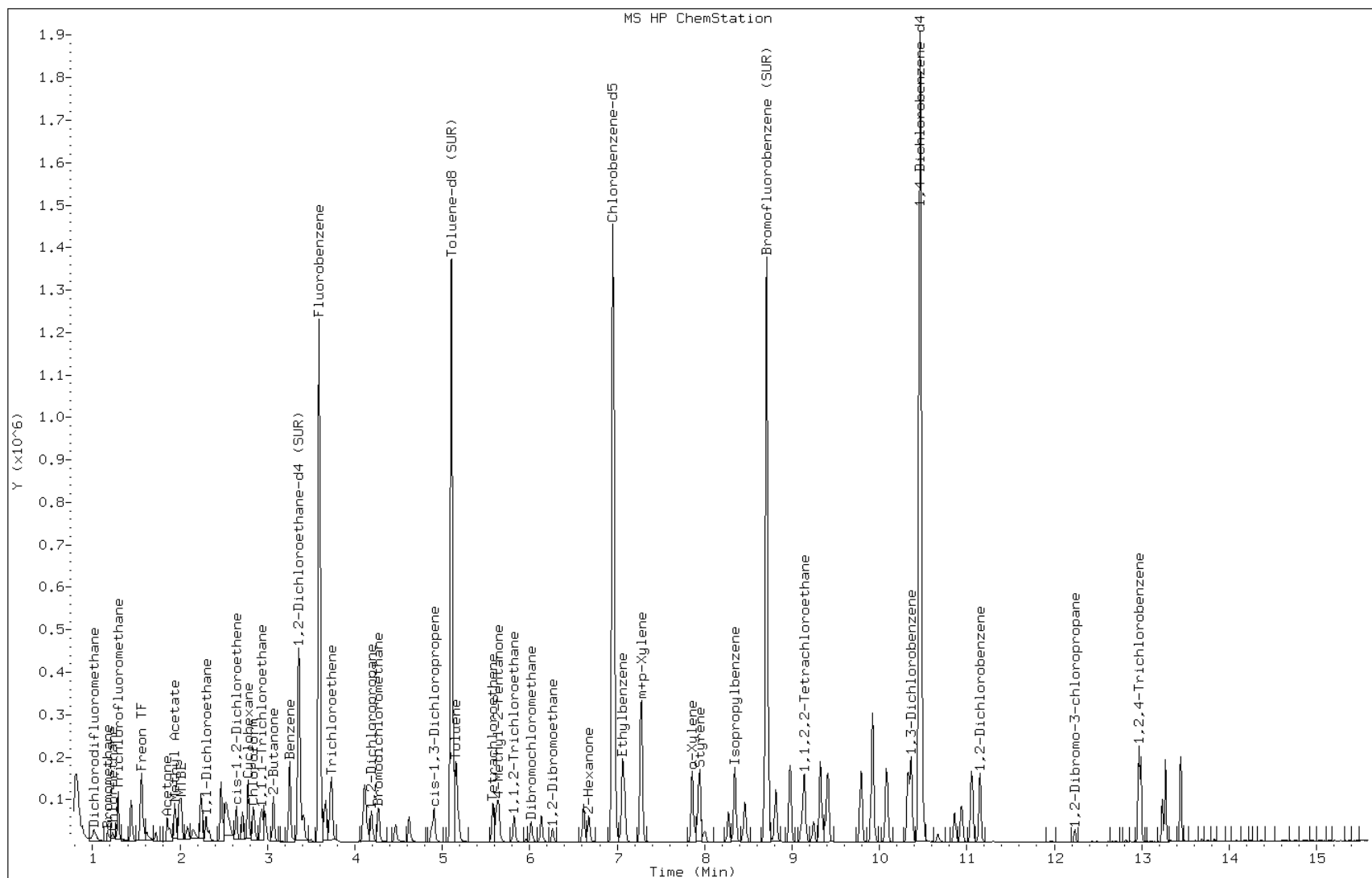
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.882	0.882	(0.246)	20280		5.00000	5.4
3 Chloromethane	50	1.004	1.004	(0.280)	26589		5.00000	5.7
4 Vinyl Chloride	62	1.016	1.016	(0.283)	22777		5.00000	5.3
6 Bromomethane	94	1.169	1.169	(0.326)	16800		5.00000	5.5
5 Chloroethane	64	1.230	1.230	(0.343)	11019		5.00000	4.8
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	35048		5.00000	5.5
14 Freon TF	101	1.565	1.565	(0.436)	20077		5.00000	5.1
15 1,1-Dichloroethene	96	1.547	1.547	(0.431)	18173		5.00000	5.2
16 Acetone	58	1.882	1.882	(0.524)	5264		15.0000	17
18 Carbon Disulfide	76	1.559	1.559	(0.434)	63075		5.00000	5.0
27 Methyl Acetate	74	1.955	1.955	(0.545)	4100		5.00000	4.9
22 Methylene Chloride	49	1.851	1.851	(0.516)	31076		5.00000	5.4
28 MTBE	73	2.010	2.010	(0.560)	72216		5.00000	5.0
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.541)	23561		5.00000	5.2
30 1,1-Dichloroethane	63	2.303	2.303	(0.642)	43439		5.00000	5.2
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	28432		5.00000	5.4

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06009.d
 Report Date: 30-Jul-2012 09:22

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	(0.854)	8693	15.0000	13
42 Chloroform	83	2.839	2.839	(0.791)	43067	5.00000	5.0
44 Cyclohexane	56	2.778	2.778	(0.774)	34115	5.00000	5.1
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	38117	5.00000	4.8
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	32006	5.00000	4.8
48 Benzene	78	3.254	3.254	(0.468)	99494	5.00000	5.1
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	265951	50.0000	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	34217	5.00000	5.1
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	1060480	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	26990	5.00000	5.1
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	37488	5.00000	5.2
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	24780	5.00000	5.2
68 Bromodichloromethane	83	4.272	4.272	(1.190)	35768	5.00000	5.1
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	44974	5.00000	5.0
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	58156	15.0000	16
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.733)	992105	50.0000	49
66 Toluene	91	5.156	5.156	(0.741)	128598	5.00000	5.3
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	41892	5.00000	5.0
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	18681	5.00000	5.1
71 Tetrachloroethene	166	5.582	5.582	(0.803)	35946	5.00000	5.2
73 2-Hexanone	43	6.674	6.674	(0.960)	46154	15.0000	16
74 Dibromochloromethane	129	6.015	6.015	(0.865)	30064	5.00000	5.0
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	25229	5.00000	5.1
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	943207	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	88593	5.00000	5.2
81 Ethylbenzene	106	7.064	7.064	(1.016)	44833	5.00000	5.1
82 m+p-Xylene	106	7.277	7.277	(1.046)	117232	10.0000	10
84 o-Xylene	106	7.856	7.856	(1.130)	58333	5.00000	5.3
85 Styrene	104	7.942	7.942	(1.142)	100962	5.00000	5.3
86 Bromoform	173	7.917	7.917	(1.139)	22459	5.00000	4.7
88 Isopropylbenzene	105	8.344	8.344	(1.200)	150903	5.00000	5.4
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	524406	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	30069	5.00000	4.9
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	88060	5.00000	5.3
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	646539	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	91871	5.00000	5.4
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	85847	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	6292	5.00000	5.2
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	62751	5.00000	5.7
M 120 1,2-Dichloroethene (Total)	100				51994	10.0000	10
M 121 Xylene (Total)	100				175566	15.0000	16

Operator: GC/MS VOAMS5



Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06010.d
 Report Date: 30-Jul-2012 10:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06010.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 30-JUL-2012 09:39
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 10:12 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 14 Calibration Sample, Level: 1
 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	0.882	0.882	(0.246)	4521	1.00000	1.1
3 Chloromethane	50	1.004	1.004	(0.280)	5390	1.00000	1.1
4 Vinyl Chloride	62	1.016	1.016	(0.283)	4834	1.00000	1.1
6 Bromomethane	94	1.169	1.169	(0.326)	2815	1.00000	0.94(a)
5 Chloroethane	64	1.224	1.224	(0.341)	2741	1.00000	1.2
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	6729	1.00000	1.00
14 Freon TF	101	1.559	1.559	(0.434)	4356	1.00000	1.0
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	3896	1.00000	1.1
16 Acetone	58	1.882	1.882	(0.524)	2264	5.00000	6.4
18 Carbon Disulfide	76	1.553	1.553	(0.433)	14162	1.00000	1.1
27 Methyl Acetate	74	1.955	1.955	(0.545)	820	1.00000	1.0
22 Methylene Chloride	49	1.851	1.851	(0.516)	6127	1.00000	1.1
28 MTBE	73	2.016	2.016	(0.562)	14777	1.00000	1.0
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	4755	1.00000	1.0
30 1,1-Dichloroethane	63	2.296	2.296	(0.640)	8661	1.00000	1.0
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	5771	1.00000	1.1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06010.d
 Report Date: 30-Jul-2012 10:12

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	(0.854)	3191	5.00000	4.4(a)
42 Chloroform	83	2.833	2.833	(0.789)	8926	1.00000	1.0
44 Cyclohexane	56	2.778	2.778	(0.774)	7363	1.00000	1.0
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	8005	1.00000	0.97(a)
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	6563	1.00000	0.94(a)
48 Benzene	78	3.254	3.254	(0.468)	19591	1.00000	0.98(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	269068	50.0000	52
49 1,2-Dichloroethane	62	3.406	3.406	(0.949)	6602	1.00000	0.99(a)
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	1051011	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	5643	1.00000	1.0
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	8779	1.00000	1.1
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	4685	1.00000	0.97(a)
68 Bromodichloromethane	83	4.272	4.272	(1.190)	6930	1.00000	0.98(a)
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	8272	1.00000	0.92(a)
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	21838	5.00000	5.3
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	1001346	50.0000	50
66 Toluene	91	5.156	5.156	(0.742)	28884	1.00000	1.1
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.813)	8041	1.00000	0.94(a)
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	3725	1.00000	1.0
71 Tetrachloroethene	166	5.576	5.576	(0.803)	7335	1.00000	1.0
73 2-Hexanone	43	6.680	6.680	(0.961)	18030	5.00000	5.5
74 Dibromochloromethane	129	6.015	6.015	(0.866)	5482	1.00000	0.89(a)
77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	4875	1.00000	0.96(a)
* 78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	952162	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.004)	17405	1.00000	1.0
81 Ethylbenzene	106	7.064	7.064	(1.017)	8845	1.00000	0.98(a)
82 m+p-Xylene	106	7.277	7.277	(1.047)	22972	2.00000	2.0
84 o-Xylene	106	7.862	7.862	(1.132)	11729	1.00000	1.0
85 Styrene	104	7.942	7.942	(1.143)	19932	1.00000	1.0
86 Bromoform	173	7.911	7.911	(1.139)	4054	1.00000	0.85(a)
88 Isopropylbenzene	105	8.344	8.344	(1.201)	28891	1.00000	0.98(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	536535	50.0000	48
92 1,1,2,2-Tetrachloroethane	83	9.106	9.106	(0.870)	6402	1.00000	1.0
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	18497	1.00000	1.1
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	658475	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	19205	1.00000	1.1
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	17354	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.169)	1334	1.00000	1.0
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	13742	1.00000	1.2
M 120 1,2-Dichloroethene (Total)	100				10527	2.00000	2.1
M 121 Xylene (Total)	100				34702	3.00000	3.0

QC Flag Legend

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

Data File: e06010.d

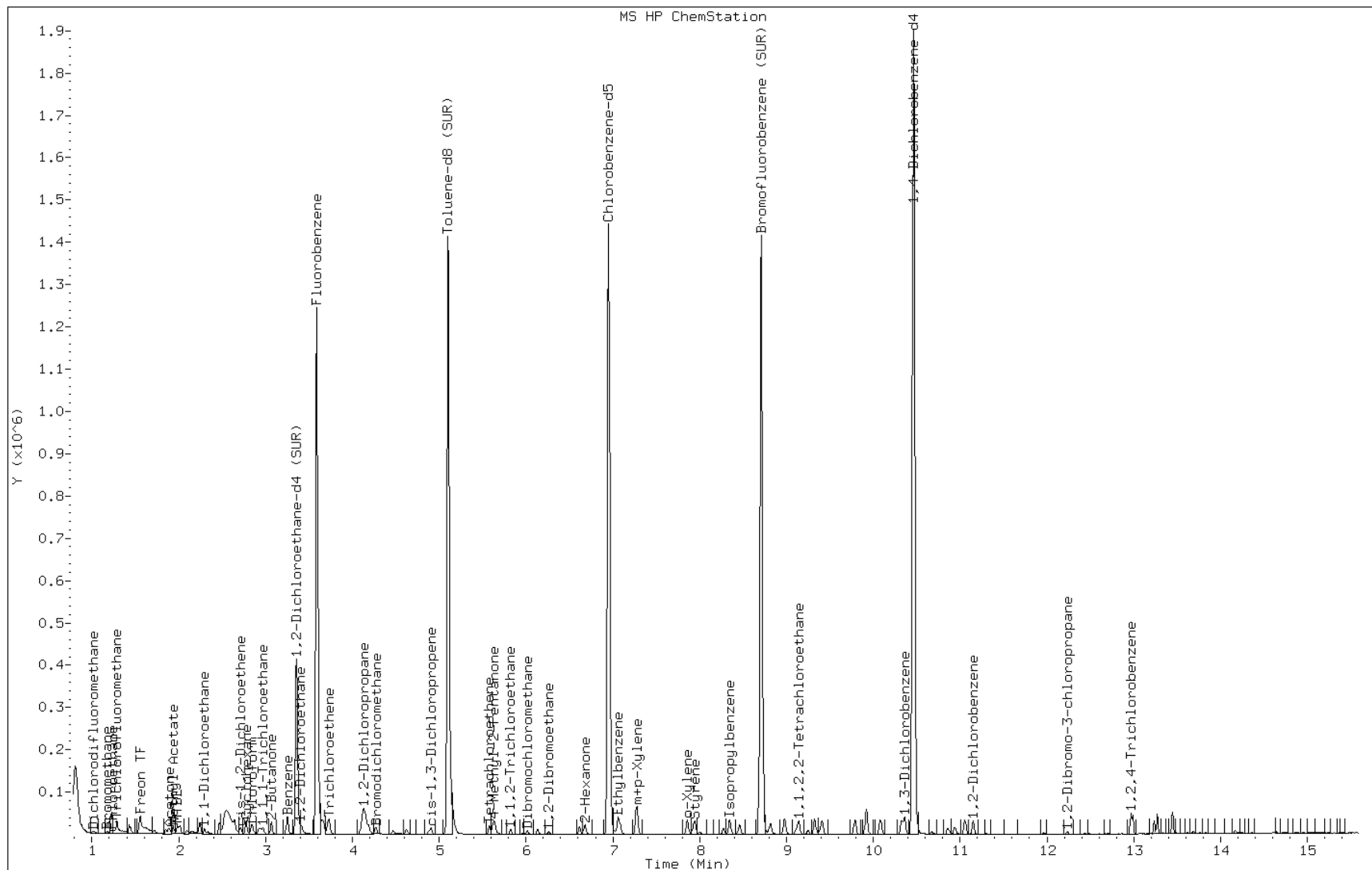
Date: 30-JUL-2012 09:39

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL1

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCVIS 460-123657/2 Calibration Date: 08/12/2012 08:31

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06637.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	0.1931	0.1929	0.1000	20.0	20.0	-0.1	25.0
Chloromethane	Ave	0.2297	0.2075	0.1000	18.1	20.0	-9.7	25.0
Vinyl chloride	Ave	0.2158	0.2066	0.1000	19.1	20.0	-4.3	25.0
Bromomethane	Ave	0.1418	0.1553	0.1000	21.9	20.0	9.5	25.0
Chloroethane	Ave	0.1124	0.1299	0.1000	23.1	20.0	15.5	25.0
Trichlorofluoromethane	Ave	0.3212	0.3838	0.1000	23.9	20.0	19.5	25.0
1,1-Dichloroethene	Ave	0.1735	0.1490	0.1000	17.2	20.0	-14.2	25.0
Carbon disulfide	Ave	0.6165	0.4812	0.1000	15.6	20.0	-21.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2264	0.1000	22.9	20.0	14.4	25.0
Methylene Chloride	Ave	0.2678	0.2541	0.1000	19.0	20.0	-5.1	25.0
Acetone	Ave	0.0169	0.0206*	0.1000	24.4	20.0	21.9	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1835	0.1000	16.6	20.0	-17.2	25.0
Methyl acetate	Ave	0.0385	0.0405*	0.1000	21.0	20.0	5.1	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7357	0.1000	21.6	20.0	7.9	25.0
1,1-Dichloroethane	Ave	0.4073	0.3957	0.1000	19.4	20.0	-2.9	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2268	0.1000	17.7	20.0	-11.3	25.0
Cyclohexane	Ave	0.3402	0.3127	0.1000	18.4	20.0	-8.1	25.0
Chloroform	Ave	0.4173	0.4217	0.1000	20.2	20.0	1.1	25.0
Carbon tetrachloride	Ave	0.3333	0.3204	0.1000	19.2	20.0	-3.9	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3695	0.1000	18.8	20.0	-6.0	25.0
2-Butanone (MEK)	Ave	0.0343	0.0380*	0.1000	22.1	20.0	10.7	25.0
Benzene	Ave	1.046	0.9174	0.1000	17.5	20.0	-12.3	25.0
1,2-Dichloroethane	Ave	0.3180	0.3168	0.1000	19.9	20.0	-0.4	25.0
Methylcyclohexane	Ave	0.3670	0.3329	0.1000	18.1	20.0	-9.3	25.0
Trichloroethene	Ave	0.2556	0.2178	0.1000	17.0	20.0	-14.8	25.0
1,2-Dichloropropane	Ave	0.2295	0.2021	0.1000	17.6	20.0	-11.9	25.0
Dichlorobromomethane	Ave	0.3375	0.3191	0.1000	18.9	20.0	-5.4	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4323	0.1000	18.4	20.0	-8.2	25.0
Toluene	Ave	1.325	1.172	0.1000	17.7	20.0	-11.5	25.0
Tetrachloroethene	Ave	0.3828	0.3311	0.1000	17.3	20.0	-13.5	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2152	0.1000	19.9	20.0	-0.7	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4138	0.1000	18.4	20.0	-7.8	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1807	0.1000	18.5	20.0	-7.3	25.0
Chlorodibromomethane	Ave	0.3228	0.3175	0.1000	19.7	20.0	-1.6	25.0
1,2-Dibromoethane	Ave	0.2661	0.2328	0.1000	17.5	20.0	-12.5	25.0
2-Hexanone	Ave	0.1724	0.1792	0.1000	20.8	20.0	3.9	25.0
Chlorobenzene	Ave	0.9121	0.8467	0.1000	18.6	20.0	-7.2	25.0
Ethylbenzene	Ave	0.4762	0.4385	0.1000	18.4	20.0	-7.9	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5523	0.1000	36.3	40.0	-9.1	25.0
o-Xylene	Ave	0.6012	0.5483	0.1000	18.2	20.0	-8.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123657/2 Calibration Date: 08/12/2012 08:31
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06637.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	0.2514	0.2314	0.1000	18.4	20.0	-7.9	25.0
Styrene	Ave	1.039	0.9583	0.1000	18.4	20.0	-7.8	25.0
Isopropylbenzene	Ave	1.554	1.496	0.1000	19.2	20.0	-3.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4523	0.1000	18.8	20.0	-5.8	25.0
1,3-Dichlorobenzene	Ave	1.316	1.323	0.1000	20.1	20.0	0.6	25.0
1,4-Dichlorobenzene	Ave	1.354	1.344	0.1000	19.9	20.0	-0.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.244	0.1000	19.9	20.0	-0.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0886*	0.1000	18.5	20.0	-7.7	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8232	0.1000	19.0	20.0	-5.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2917	0.1000	58.7	50.0	17.4	25.0
Toluene-d8 (Surr)	Ave	1.056	1.106	0.1000	52.4	50.0	4.7	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8564	0.1000	50.8	50.0	1.7	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06637.d
 Report Date: 12-Aug-2012 08:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06637.d
 Lab Smp Id: CCVIS
 Inj Date : 12-AUG-2012 08:31
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 12-Aug-2012 08:47 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
 Als bottle: 2 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 * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	10.00000	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)	63179	20.0000	20
3 Chloromethane	50		1.010	1.010	(0.281)	67963	20.0000	18
4 Vinyl Chloride	62		1.022	1.022	(0.284)	67676	20.0000	19
6 Bromomethane	94		1.175	1.175	(0.327)	50882	20.0000	22
5 Chloroethane	64		1.230	1.230	(0.342)	42546	20.0000	23
7 Trichlorofluoromethane	101		1.291	1.291	(0.359)	125731	20.0000	24
14 Freon TF	101		1.565	1.565	(0.435)	74159	20.0000	23
15 1,1-Dichloroethene	96		1.547	1.547	(0.430)	48799	20.0000	17
16 Acetone	58		1.894	1.894	(0.527)	6747	20.0000	24
18 Carbon Disulfide	76		1.559	1.559	(0.434)	157640	20.0000	16
27 Methyl Acetate	74		1.955	1.955	(0.544)	13261	20.0000	21
22 Methylene Chloride	49		1.852	1.852	(0.515)	83245	20.0000	19
28 MTBE	73		2.016	2.016	(0.561)	241022	20.0000	22
25 trans-1,2-Dichloroethene	96		1.943	1.943	(0.540)	60100	20.0000	16

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06637.d
 Report Date: 12-Aug-2012 08:47

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	129616	20.0000	19
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	74305	20.0000	18
38 2-Butanone	72	3.071	3.071	(0.854)	12436	20.0000	22
42 Chloroform	83	2.839	2.839	(0.790)	138139	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	102453	20.0000	18
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	121054	20.0000	19
45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	104944	20.0000	19
48 Benzene	78	3.254	3.254	(0.468)	263046	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	238895	50.0000	59
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	103773	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	818990	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	71351	20.0000	17
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	109043	20.0000	18
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	66193	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	104539	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	123942	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	61715	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	792733	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	336060	20.0000	18
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	118659	20.0000	18
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	51810	20.0000	18
71 Tetrachloroethene	166	5.576	5.576	(0.802)	94935	20.0000	17
73 2-Hexanone	43	6.680	6.680	(0.961)	51372	20.0000	21
74 Dibromochloromethane	129	6.015	6.015	(0.865)	91046	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	66742	20.0000	17
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	716850	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	242784	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	125748	20.0000	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	316733	40.0000	36
84 o-Xylene	106	7.863	7.863	(1.131)	157211	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	274768	20.0000	18
86 Bromoform	173	7.911	7.911	(1.138)	66356	20.0000	18
88 Isopropylbenzene	105	8.344	8.344	(1.200)	428839	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	369114	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	77962	20.0000	19
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	228123	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	430966	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	231714	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	214385	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	15277	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	141908	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				134405	40.0000	34
M 121 Xylene (Total)	100				473944	60.0000	54

Data File: e06637.d

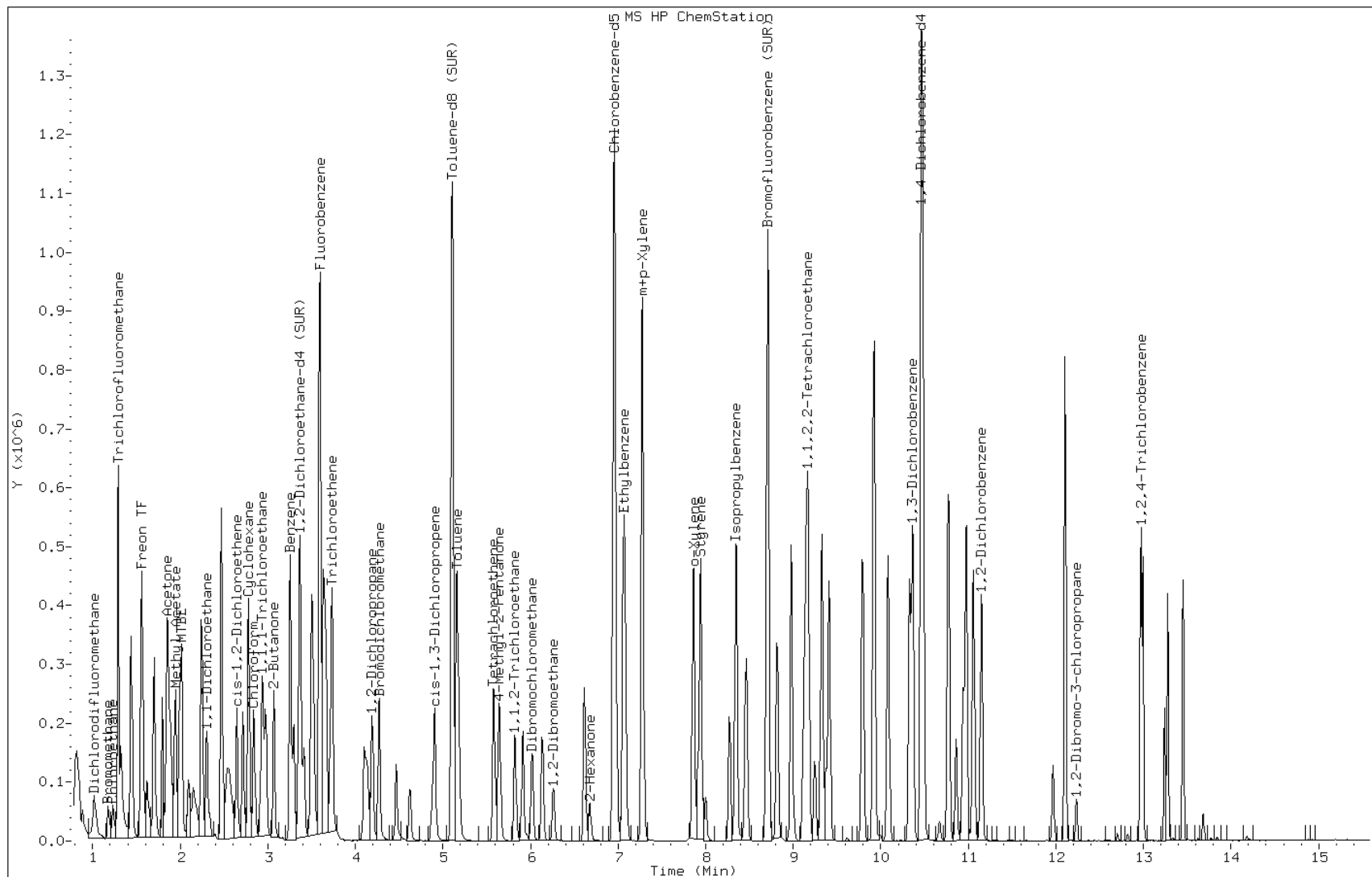
Date: 12-AUG-2012 08:31

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.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCV 460-123657/21 Calibration Date: 08/12/2012 20:20

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06667.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	0.1931	0.2066	0.1000	21.4	20.0	7.0	25.0
Chloromethane	Ave	0.2297	0.2218	0.1000	19.3	20.0	-3.4	25.0
Vinyl chloride	Ave	0.2158	0.2107	0.1000	19.5	20.0	-2.4	25.0
Bromomethane	Ave	0.1418	0.1660	0.1000	23.4	20.0	17.0	25.0
Chloroethane	Ave	0.1124	0.1654	0.1000	29.4	20.0	47.1*	25.0
Trichlorofluoromethane	Ave	0.3212	0.4388	0.1000	27.3	20.0	36.6*	25.0
1,1-Dichloroethene	Ave	0.1735	0.1534	0.1000	17.7	20.0	-11.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2294	0.1000	23.2	20.0	15.9	25.0
Carbon disulfide	Ave	0.6165	0.7131	0.1000	23.1	20.0	15.7	25.0
Methylene Chloride	Ave	0.2678	0.2426	0.1000	18.1	20.0	-9.4	25.0
Acetone	Ave	0.0169	0.0209*	0.1000	24.7	20.0	23.4	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1928	0.1000	17.4	20.0	-12.9	25.0
Methyl acetate	Ave	0.0385	0.0444*	0.1000	23.1	20.0	15.3	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7195	0.1000	21.1	20.0	5.5	25.0
1,1-Dichloroethane	Ave	0.4073	0.4055	0.1000	19.9	20.0	-0.4	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2440	0.1000	19.1	20.0	-4.6	25.0
Cyclohexane	Ave	0.3402	0.3601	0.1000	21.2	20.0	5.8	25.0
Chloroform	Ave	0.4173	0.4337	0.1000	20.8	20.0	3.9	25.0
Carbon tetrachloride	Ave	0.3333	0.3379	0.1000	20.3	20.0	1.4	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3811	0.1000	19.4	20.0	-3.1	25.0
2-Butanone (MEK)	Ave	0.0343	0.0329*	0.1000	19.2	20.0	-4.0	25.0
Benzene	Ave	1.046	0.9286	0.1000	17.8	20.0	-11.2	25.0
1,2-Dichloroethane	Ave	0.3180	0.3293	0.1000	20.7	20.0	3.6	25.0
Methylcyclohexane	Ave	0.3670	0.3549	0.1000	19.3	20.0	-3.3	25.0
Trichloroethene	Ave	0.2556	0.2473	0.1000	19.4	20.0	-3.2	25.0
1,2-Dichloropropane	Ave	0.2295	0.1963	0.1000	17.1	20.0	-14.5	25.0
Dichlorobromomethane	Ave	0.3375	0.3266	0.1000	19.4	20.0	-3.2	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4161	0.1000	17.7	20.0	-11.6	25.0
Toluene	Ave	1.325	1.172	0.1000	17.7	20.0	-11.6	25.0
Tetrachloroethene	Ave	0.3828	0.3318	0.1000	17.3	20.0	-13.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.1834	0.1000	16.9	20.0	-15.4	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.3993	0.1000	17.8	20.0	-11.1	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1750	0.1000	18.0	20.0	-10.2	25.0
Chlorodibromomethane	Ave	0.3228	0.3170	0.1000	19.6	20.0	-1.8	25.0
1,2-Dibromoethane	Ave	0.2661	0.2305	0.1000	17.3	20.0	-13.4	25.0
2-Hexanone	Ave	0.1724	0.1510	0.1000	17.5	20.0	-12.5	25.0
Chlorobenzene	Ave	0.9121	0.8372	0.1000	18.4	20.0	-8.2	25.0
Ethylbenzene	Ave	0.4762	0.4324	0.1000	18.2	20.0	-9.2	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5469	0.1000	36.0	40.0	-10.0	25.0
o-Xylene	Ave	0.6012	0.5557	0.1000	18.5	20.0	-7.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123657/21 Calibration Date: 08/12/2012 20:20
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06667.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	0.2514	0.2281	0.1000	18.1	20.0	-9.3	25.0
Styrene	Ave	1.039	0.9507	0.1000	18.3	20.0	-8.5	25.0
Isopropylbenzene	Ave	1.554	1.495	0.1000	19.2	20.0	-3.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.3550	0.1000	14.8	20.0	-26.0*	25.0
1,3-Dichlorobenzene	Ave	1.316	1.282	0.1000	19.5	20.0	-2.6	25.0
1,4-Dichlorobenzene	Ave	1.354	1.306	0.1000	19.3	20.0	-3.5	25.0
1,2-Dichlorobenzene	Ave	1.249	1.223	0.1000	19.6	20.0	-2.1	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0853*	0.1000	17.8	20.0	-11.2	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.7787	0.1000	18.0	20.0	-10.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2958	0.1000	59.5	50.0	19.1	25.0
Toluene-d8 (Surr)	Ave	1.056	1.152	0.1000	54.6	50.0	9.1	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8698	0.1000	51.6	50.0	3.3	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06667.d
 Report Date: 13-Aug-2012 04:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06667.d
 Lab Smp Id: CCV
 Inj Date : 12-AUG-2012 20:20
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 04:32 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 20:20 Cal File: e06667.d
 Als bottle: 31 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	0.888	0.888	(0.247)	60326	20.0000	21
3 Chloromethane	50	1.010	1.010	(0.281)	64760	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	61524	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	48470	20.0000	23
5 Chloroethane	64	1.229	1.229	(0.342)	48294	20.0000	29
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	128099	20.0000	27
14 Freon TF	101	1.565	1.565	(0.435)	66974	20.0000	23
15 1,1-Dichloroethene	96	1.546	1.546	(0.430)	44770	20.0000	18
16 Acetone	58	1.888	1.888	(0.525)	6088	20.0000	25
18 Carbon Disulfide	76	1.565	1.565	(0.435)	208178	20.0000	23
27 Methyl Acetate	74	1.955	1.955	(0.544)	12965	20.0000	23
22 Methylene Chloride	49	1.857	1.857	(0.517)	70829	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	210056	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	56292	20.0000	17
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	118392	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	71246	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06667.d
 Report Date: 13-Aug-2012 04:32

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)	9611	20.0000	19
42 Chloroform	83	2.839	2.839	(0.790)	126620	20.0000	21
44 Cyclohexane	56	2.778	2.778	(0.773)	105132	20.0000	21
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	111250	20.0000	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	98637	20.0000	20
48 Benzene	78	3.253	3.253	(0.468)	233941	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	215913	50.0000	60
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	96145	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	729875	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	72212	20.0000	19
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	103600	20.0000	19
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	57303	20.0000	17
68 Bromodichloromethane	83	4.272	4.272	(1.188)	95361	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	104836	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	46210	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	725572	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	295186	20.0000	18
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	100603	20.0000	18
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	44092	20.0000	18
71 Tetrachloroethene	166	5.582	5.582	(0.803)	83591	20.0000	17
73 2-Hexanone	43	6.674	6.674	(0.960)	38031	20.0000	18
74 Dibromochloromethane	129	6.015	6.015	(0.865)	79856	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	58070	20.0000	17
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	629820	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	210920	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	108935	20.0000	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	275578	40.0000	36
84 o-Xylene	106	7.862	7.862	(1.131)	139997	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	239514	20.0000	18
86 Bromoform	173	7.911	7.911	(1.138)	57468	20.0000	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	376579	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	341014	50.0000	52
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	55672	20.0000	15
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	200963	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.465	(1.000)	392031	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	204835	20.0000	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	191858	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	13374	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	122102	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				127538	40.0000	36
M 121 Xylene (Total)	100				415575	60.0000	54

Data File: e06667.d

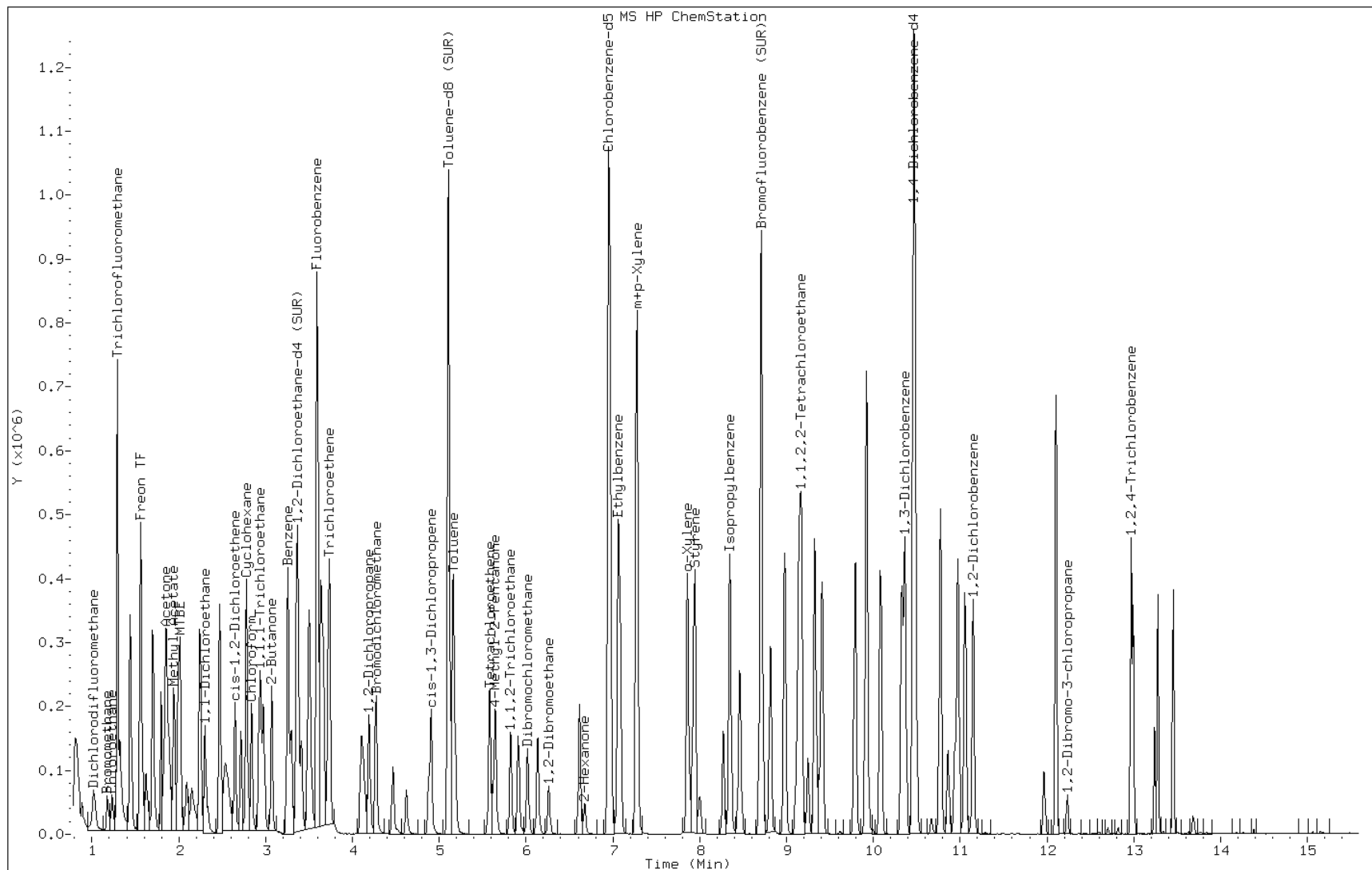
Date: 12-AUG-2012 20:20

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCVIS 460-123702/2 Calibration Date: 08/13/2012 04:45

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06669.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	0.1931	0.1990	0.1000	20.6	20.0	3.1	25.0
Chloromethane	Ave	0.2297	0.2095	0.1000	18.2	20.0	-8.8	25.0
Vinyl chloride	Ave	0.2158	0.2009	0.1000	18.6	20.0	-6.9	25.0
Bromomethane	Ave	0.1418	0.1557	0.1000	21.9	20.0	9.7	25.0
Chloroethane	Ave	0.1124	0.1260	0.1000	22.4	20.0	12.0	25.0
Trichlorofluoromethane	Ave	0.3212	0.3977	0.1000	24.8	20.0	23.8	25.0
1,1-Dichloroethene	Ave	0.1735	0.1428	0.1000	16.5	20.0	-17.7	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2288	0.1000	23.1	20.0	15.6	25.0
Carbon disulfide	Ave	0.6165	0.6722	0.1000	21.8	20.0	9.0	25.0
Methylene Chloride	Ave	0.2678	0.2349	0.1000	17.5	20.0	-12.3	25.0
Acetone	Ave	0.0169	0.0197*	0.1000	23.3	20.0	16.5	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1803	0.1000	16.3	20.0	-18.6	25.0
Methyl acetate	Ave	0.0385	0.0370*	0.1000	19.2	20.0	-4.0	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7353	0.1000	21.6	20.0	7.8	25.0
1,1-Dichloroethane	Ave	0.4073	0.3922	0.1000	19.3	20.0	-3.7	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2122	0.1000	16.6	20.0	-17.0	25.0
Cyclohexane	Ave	0.3402	0.3419	0.1000	20.1	20.0	0.5	25.0
Chloroform	Ave	0.4173	0.4020	0.1000	19.3	20.0	-3.7	25.0
Carbon tetrachloride	Ave	0.3333	0.3180	0.1000	19.1	20.0	-4.6	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3778	0.1000	19.2	20.0	-3.9	25.0
2-Butanone (MEK)	Ave	0.0343	0.0334*	0.1000	19.5	20.0	-2.6	25.0
Benzene	Ave	1.046	0.8623	0.1000	16.5	20.0	-17.6	25.0
1,2-Dichloroethane	Ave	0.3180	0.3160	0.1000	19.9	20.0	-0.6	25.0
Methylcyclohexane	Ave	0.3670	0.3567	0.1000	19.4	20.0	-2.8	25.0
Trichloroethene	Ave	0.2556	0.2040	0.1000	16.0	20.0	-20.2	25.0
1,2-Dichloropropane	Ave	0.2295	0.1870	0.1000	16.3	20.0	-18.5	25.0
Dichlorobromomethane	Ave	0.3375	0.3131	0.1000	18.6	20.0	-7.2	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4036	0.1000	17.1	20.0	-14.3	25.0
Toluene	Ave	1.325	1.077	0.1000	16.3	20.0	-18.7	25.0
Tetrachloroethene	Ave	0.3828	0.3098	0.1000	16.2	20.0	-19.1	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.1830	0.1000	16.9	20.0	-15.6	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.3852	0.1000	17.2	20.0	-14.2	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1626	0.1000	16.7	20.0	-16.6	25.0
Chlorodibromomethane	Ave	0.3228	0.2993	0.1000	18.5	20.0	-7.3	25.0
1,2-Dibromoethane	Ave	0.2661	0.2153	0.1000	16.2	20.0	-19.1	25.0
2-Hexanone	Ave	0.1724	0.1404	0.1000	16.3	20.0	-18.6	25.0
Chlorobenzene	Ave	0.9121	0.7911	0.1000	17.3	20.0	-13.3	25.0
Ethylbenzene	Ave	0.4762	0.4166	0.1000	17.5	20.0	-12.5	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5240	0.1000	34.5	40.0	-13.8	25.0
o-Xylene	Ave	0.6012	0.5250	0.1000	17.5	20.0	-12.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123702/2 Calibration Date: 08/13/2012 04:45
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06669.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	0.2514	0.2219	0.1000	17.7	20.0	-11.7	25.0
Styrene	Ave	1.039	0.9043	0.1000	17.4	20.0	-13.0	25.0
Isopropylbenzene	Ave	1.554	1.432	0.1000	18.4	20.0	-7.9	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4010	0.1000	16.7	20.0	-16.5	25.0
1,3-Dichlorobenzene	Ave	1.316	1.238	0.1000	18.8	20.0	-5.9	25.0
1,4-Dichlorobenzene	Ave	1.354	1.264	0.1000	18.7	20.0	-6.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.152	0.1000	18.4	20.0	-7.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0807*	0.1000	16.8	20.0	-16.0	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.7540	0.1000	17.4	20.0	-13.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2994	0.1000	60.3	50.0	20.5	25.0
Toluene-d8 (Surr)	Ave	1.056	1.134	0.1000	53.7	50.0	7.4	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8605	0.1000	51.1	50.0	2.2	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06669.d
 Report Date: 13-Aug-2012 05:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06669.d
 Lab Smp Id: CCVIS
 Inj Date : 13-AUG-2012 04:45
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 1 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	0.888	0.888	(0.247)	57755	20.0000	21
3 Chloromethane	50	1.010	1.010	(0.281)	60793	20.0000	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	58298	20.0000	19
6 Bromomethane	94	1.175	1.175	(0.327)	45171	20.0000	22
5 Chloroethane	64	1.230	1.230	(0.342)	36560	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	115422	20.0000	25
14 Freon TF	101	1.565	1.565	(0.435)	66384	20.0000	23
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	41426	20.0000	16
16 Acetone	58	1.888	1.888	(0.525)	5715	20.0000	23
18 Carbon Disulfide	76	1.565	1.565	(0.435)	195071	20.0000	22
27 Methyl Acetate	74	1.955	1.955	(0.544)	10730	20.0000	19
22 Methylene Chloride	49	1.857	1.857	(0.517)	68173	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	213383	20.0000	22
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	52315	20.0000	16
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	113820	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	61569	20.0000	16

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06669.d
 Report Date: 13-Aug-2012 05:02

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)	9691	20.0000	19
42 Chloroform	83	2.839	2.839	(0.790)	116666	20.0000	19
44 Cyclohexane	56	2.778	2.778	(0.773)	99205	20.0000	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	109626	20.0000	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	92266	20.0000	19
48 Benzene	78	3.254	3.254	(0.468)	221548	20.0000	16
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	217228	50.0000	60
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	91707	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	725479	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	59206	20.0000	16
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	103502	20.0000	19
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	54272	20.0000	16
68 Bromodichloromethane	83	4.272	4.272	(1.188)	90854	20.0000	18
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	103698	20.0000	17
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	47012	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	728595	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	276808	20.0000	16
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	98976	20.0000	17
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	41773	20.0000	17
71 Tetrachloroethene	166	5.582	5.582	(0.803)	79608	20.0000	16
73 2-Hexanone	43	6.680	6.680	(0.961)	36077	20.0000	16
74 Dibromochloromethane	129	6.021	6.021	(0.866)	76908	20.0000	18
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	55328	20.0000	16
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	642344	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	203256	20.0000	17
81 Ethylbenzene	106	7.064	7.064	(1.016)	107030	20.0000	17
82 m+p-Xylene	106	7.277	7.277	(1.046)	269255	40.0000	34
84 o-Xylene	106	7.862	7.862	(1.131)	134885	20.0000	17
85 Styrene	104	7.942	7.942	(1.142)	232342	20.0000	17
86 Bromoform	173	7.911	7.911	(1.138)	57013	20.0000	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	367857	20.0000	18
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	348546	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	64967	20.0000	17
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	200600	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	405040	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	204794	20.0000	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	186582	20.0000	18
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	13074	20.0000	17
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	122167	20.0000	17
M 120 1,2-Dichloroethene (Total)	100				113884	40.0000	33
M 121 Xylene (Total)	100				404140	60.0000	52

Data File: e06669.d

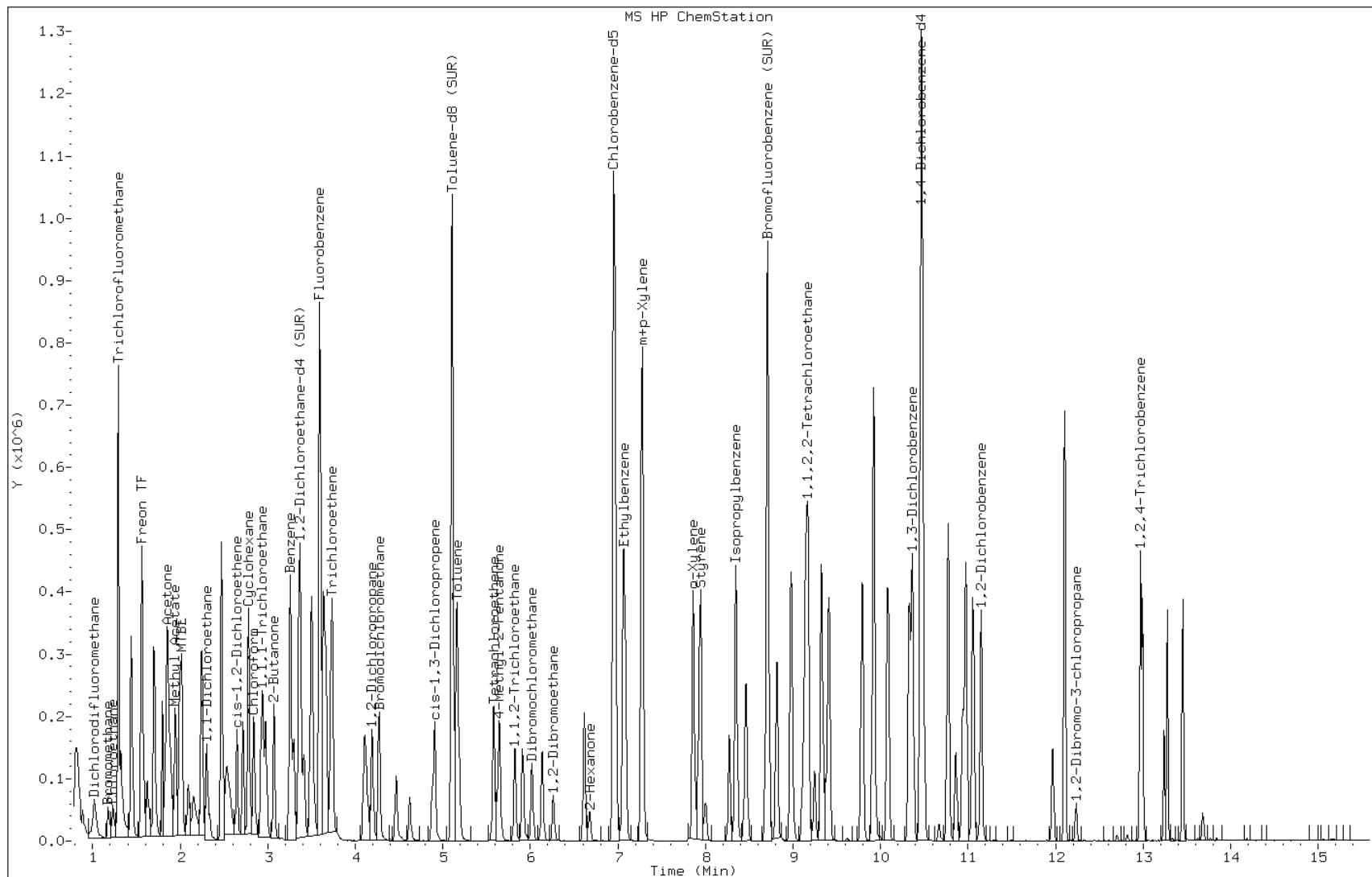
Date: 13-AUG-2012 04:45

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.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCV 460-123702/18 Calibration Date: 08/13/2012 16:25

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06699.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	0.1931	0.2127	0.1000	22.0	20.0	10.1	25.0
Chloromethane	Ave	0.2297	0.2182	0.1000	19.0	20.0	-5.0	25.0
Vinyl chloride	Ave	0.2158	0.2145	0.1000	19.9	20.0	-0.6	25.0
Bromomethane	Ave	0.1418	0.1570	0.1000	22.1	20.0	10.7	25.0
Chloroethane	Ave	0.1124	0.1528	0.1000	27.2	20.0	35.9*	25.0
Trichlorofluoromethane	Ave	0.3212	0.4203	0.1000	26.2	20.0	30.9*	25.0
1,1-Dichloroethene	Ave	0.1735	0.1596	0.1000	18.4	20.0	-8.1	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2381	0.1000	24.1	20.0	20.3	25.0
Carbon disulfide	Ave	0.6165	0.7350	0.1000	23.8	20.0	19.2	25.0
Methylene Chloride	Ave	0.2678	0.2641	0.1000	19.7	20.0	-1.4	25.0
Acetone	Ave	0.0169	0.0207*	0.1000	24.5	20.0	22.3	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.2064	0.1000	18.6	20.0	-6.8	25.0
Methyl acetate	Ave	0.0385	0.0475*	0.1000	24.7	20.0	23.4	25.0
Methyl tert-butyl ether	Ave	0.6820	0.8216	0.1000	24.1	20.0	20.5	25.0
1,1-Dichloroethane	Ave	0.4073	0.4584	0.1000	22.5	20.0	12.5	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2691	0.1000	21.0	20.0	5.2	25.0
Cyclohexane	Ave	0.3402	0.3812	0.1000	22.4	20.0	12.1	25.0
Chloroform	Ave	0.4173	0.4517	0.1000	21.6	20.0	8.2	25.0
Carbon tetrachloride	Ave	0.3333	0.3553	0.1000	21.3	20.0	6.6	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.4248	0.1000	21.6	20.0	8.0	25.0
2-Butanone (MEK)	Ave	0.0343	0.0406*	0.1000	23.7	20.0	18.4	25.0
Benzene	Ave	1.046	1.020	0.1000	19.5	20.0	-2.5	25.0
1,2-Dichloroethane	Ave	0.3180	0.3715	0.1000	23.4	20.0	16.8	25.0
Methylcyclohexane	Ave	0.3670	0.4134	0.1000	22.5	20.0	12.6	25.0
Trichloroethene	Ave	0.2556	0.2434	0.1000	19.0	20.0	-4.8	25.0
1,2-Dichloropropane	Ave	0.2295	0.2244	0.1000	19.6	20.0	-2.2	25.0
Dichlorobromomethane	Ave	0.3375	0.3671	0.1000	21.8	20.0	8.8	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4800	0.1000	20.4	20.0	1.9	25.0
Toluene	Ave	1.325	1.361	0.1000	20.5	20.0	2.7	25.0
Tetrachloroethene	Ave	0.3828	0.3660	0.1000	19.1	20.0	-4.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2454	0.1000	22.6	20.0	13.2	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4737	0.1000	21.1	20.0	5.5	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.2183	0.1000	22.4	20.0	12.0	25.0
Chlorodibromomethane	Ave	0.3228	0.3729	0.1000	23.1	20.0	15.5	25.0
1,2-Dibromoethane	Ave	0.2661	0.2811	0.1000	21.1	20.0	5.6	25.0
2-Hexanone	Ave	0.1724	0.1858	0.1000	21.6	20.0	7.8	25.0
Chlorobenzene	Ave	0.9121	0.9492	0.1000	20.8	20.0	4.1	25.0
Ethylbenzene	Ave	0.4762	0.5101	0.1000	21.4	20.0	7.1	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.6767	0.1000	44.5	40.0	11.3	25.0
o-Xylene	Ave	0.6012	0.6624	0.1000	22.0	20.0	10.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123702/18 Calibration Date: 08/13/2012 16:25
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06699.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	0.2514	0.2782	0.1000	22.1	20.0	10.7	25.0
Styrene	Ave	1.039	1.078	0.1000	20.8	20.0	3.8	25.0
Isopropylbenzene	Ave	1.554	1.691	0.1000	21.8	20.0	8.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.5162	0.1000	21.5	20.0	7.5	25.0
1,3-Dichlorobenzene	Ave	1.316	1.465	0.1000	22.3	20.0	11.3	25.0
1,4-Dichlorobenzene	Ave	1.354	1.499	0.1000	22.1	20.0	10.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.410	0.1000	22.6	20.0	12.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.1034	0.1000	21.5	20.0	7.7	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.9205	0.1000	21.2	20.0	6.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2814	0.1000	56.7	50.0	13.3	25.0
Toluene-d8 (Surr)	Ave	1.056	1.097	0.1000	52.0	50.0	3.9	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8302	0.1000	49.3	50.0	-1.4	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06699.d
 Report Date: 14-Aug-2012 03:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06699.d
 Lab Smp Id: CCV
 Inj Date : 13-AUG-2012 16:25
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez
 Cal Date : 13-AUG-2012 16:25
 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: e06699.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)	69174	20.0000	22
3 Chloromethane	50	1.010	1.010	(0.281)	70966	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	69770	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	51062	20.0000	22
5 Chloroethane	64	1.230	1.230	(0.342)	49717	20.0000	27
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	136710	20.0000	26
14 Freon TF	101	1.565	1.565	(0.435)	77468	20.0000	24
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	51902	20.0000	18
16 Acetone	58	1.888	1.888	(0.525)	6725	20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	239101	20.0000	24
27 Methyl Acetate	74	1.955	1.955	(0.544)	15457	20.0000	25
22 Methylene Chloride	49	1.858	1.858	(0.517)	85922	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	267266	20.0000	24
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	67150	20.0000	19
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	149119	20.0000	22
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	87533	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06699.d
 Report Date: 14-Aug-2012 03:16

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)	13214	20.0000	24
42 Chloroform	83	2.839	2.839	(0.790)	146926	20.0000	22
44 Cyclohexane	56	2.778	2.778	(0.773)	124014	20.0000	22
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	138183	20.0000	22
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	115568	20.0000	21
48 Benzene	78	3.254	3.254	(0.468)	289329	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	228906	50.0000	57
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	120859	20.0000	23
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	813256	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	79179	20.0000	19
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	134471	20.0000	22
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	72997	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	119421	20.0000	22
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	136129	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	69590	20.0000	23
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	777882	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	386033	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	134351	20.0000	21
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	61926	20.0000	22
71 Tetrachloroethene	166	5.582	5.582	(0.803)	103800	20.0000	19
73 2-Hexanone	43	6.680	6.680	(0.961)	52704	20.0000	22
74 Dibromochloromethane	129	6.015	6.015	(0.865)	105768	20.0000	23
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	79724	20.0000	21
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	709051	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	269224	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	144680	20.0000	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	383850	40.0000	44
84 o-Xylene	106	7.862	7.862	(1.131)	187869	20.0000	22
85 Styrene	104	7.942	7.942	(1.142)	305872	20.0000	21
86 Bromoform	173	7.917	7.917	(1.139)	78912	20.0000	22
88 Isopropylbenzene	105	8.350	8.350	(1.201)	479491	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	363805	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	90473	20.0000	22
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	256771	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	438199	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	262791	20.0000	22
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	247090	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	18128	20.0000	22
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	161347	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				154684	40.0000	40
M 121 Xylene (Total)	100				571719	60.0000	66

Data File: e06699.d

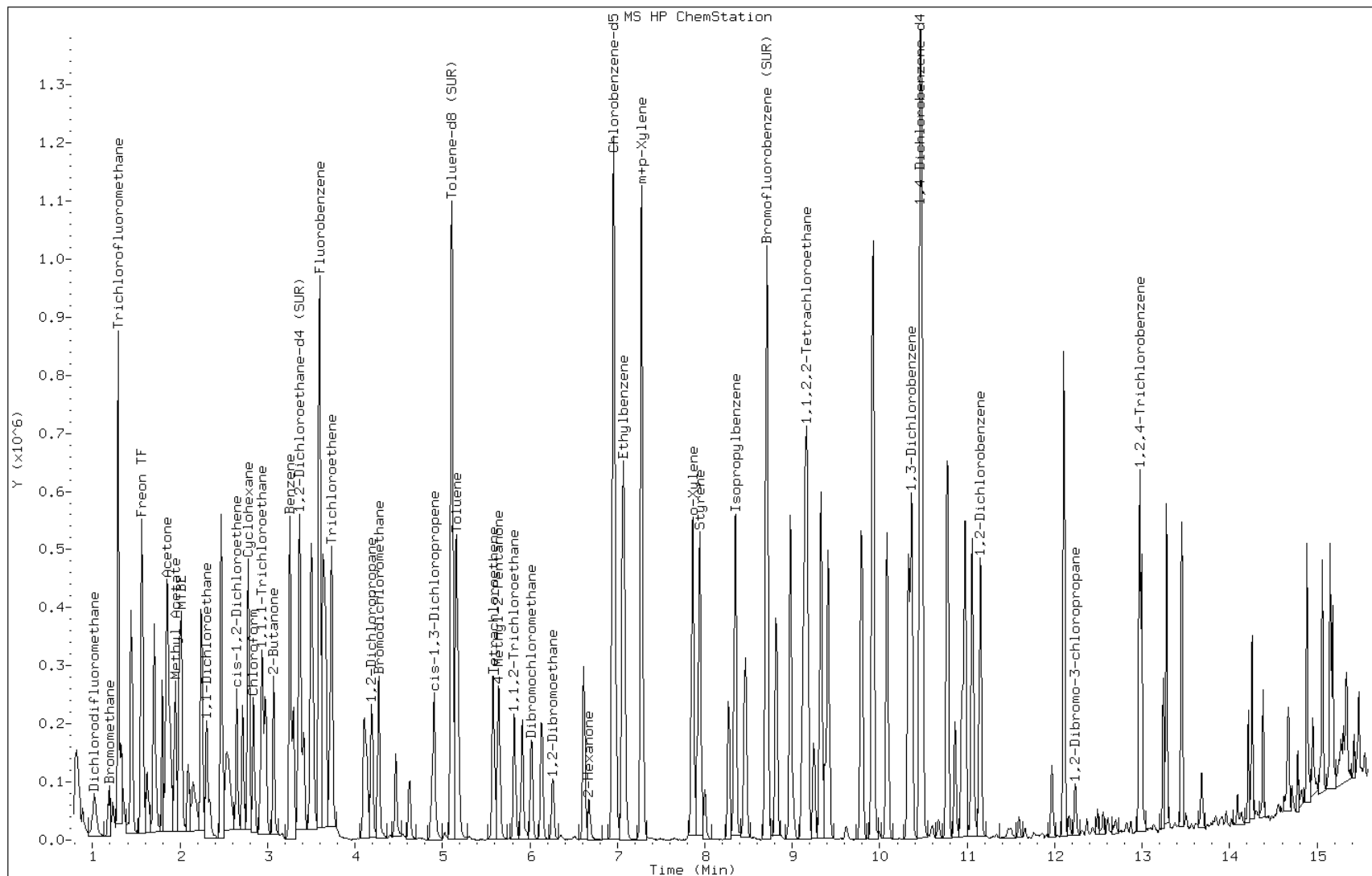
Date: 13-AUG-2012 16:25

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCVIS 460-124030/2 Calibration Date: 08/14/2012 05:35

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06727.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	0.1931	0.1914	0.1000	19.8	20.0	-0.9	25.0
Chloromethane	Ave	0.2297	0.2015	0.1000	17.5	20.0	-12.3	25.0
Vinyl chloride	Ave	0.2158	0.1936	0.1000	17.9	20.0	-10.3	25.0
Bromomethane	Ave	0.1418	0.1477	0.1000	20.8	20.0	4.1	25.0
Chloroethane	Ave	0.1124	0.1278	0.1000	22.7	20.0	13.7	25.0
Trichlorofluoromethane	Ave	0.3212	0.3839	0.1000	23.9	20.0	19.5	25.0
1,1-Dichloroethene	Ave	0.1735	0.1412	0.1000	16.3	20.0	-18.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2315	0.1000	23.4	20.0	16.9	25.0
Carbon disulfide	Ave	0.6165	0.6818	0.1000	22.1	20.0	10.6	25.0
Methylene Chloride	Ave	0.2678	0.2378	0.1000	17.8	20.0	-11.2	25.0
Acetone	Ave	0.0169	0.0190*	0.1000	22.5	20.0	12.4	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1770	0.1000	16.0	20.0	-20.1	25.0
Methyl acetate	Ave	0.0385	0.0441*	0.1000	22.9	20.0	14.4	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7925	0.1000	23.2	20.0	16.2	25.0
1,1-Dichloroethane	Ave	0.4073	0.3915	0.1000	19.2	20.0	-3.9	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2321	0.1000	18.1	20.0	-9.3	25.0
Cyclohexane	Ave	0.3402	0.3536	0.1000	20.8	20.0	3.9	25.0
Chloroform	Ave	0.4173	0.4028	0.1000	19.3	20.0	-3.5	25.0
Carbon tetrachloride	Ave	0.3333	0.3164	0.1000	19.0	20.0	-5.1	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3876	0.1000	19.7	20.0	-1.4	25.0
2-Butanone (MEK)	Ave	0.0343	0.0367*	0.1000	21.4	20.0	6.9	25.0
Benzene	Ave	1.046	0.8863	0.1000	16.9	20.0	-15.3	25.0
1,2-Dichloroethane	Ave	0.3180	0.3344	0.1000	21.0	20.0	5.2	25.0
Methylcyclohexane	Ave	0.3670	0.3547	0.1000	19.3	20.0	-3.4	25.0
Trichloroethene	Ave	0.2556	0.2084	0.1000	16.3	20.0	-18.5	25.0
1,2-Dichloropropane	Ave	0.2295	0.1954	0.1000	17.0	20.0	-14.9	25.0
Dichlorobromomethane	Ave	0.3375	0.3282	0.1000	19.4	20.0	-2.8	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4318	0.1000	18.3	20.0	-8.3	25.0
Toluene	Ave	1.325	1.119	0.1000	16.9	20.0	-15.5	25.0
Tetrachloroethene	Ave	0.3828	0.3066	0.1000	16.0	20.0	-19.9	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2254	0.1000	20.8	20.0	4.0	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4218	0.1000	18.8	20.0	-6.1	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1830	0.1000	18.8	20.0	-6.2	25.0
Chlorodibromomethane	Ave	0.3228	0.3227	0.1000	20.0	20.0	-0.0	25.0
1,2-Dibromoethane	Ave	0.2661	0.2395	0.1000	18.0	20.0	-10.0	25.0
2-Hexanone	Ave	0.1724	0.1757	0.1000	20.4	20.0	1.9	25.0
Chlorobenzene	Ave	0.9121	0.8220	0.1000	18.0	20.0	-9.9	25.0
Ethylbenzene	Ave	0.4762	0.4198	0.1000	17.6	20.0	-11.8	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5334	0.1000	35.1	40.0	-12.3	25.0
o-Xylene	Ave	0.6012	0.5389	0.1000	17.9	20.0	-10.4	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-124030/2 Calibration Date: 08/14/2012 05:35
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06727.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	0.2514	0.2480	0.1000	19.7	20.0	-1.3	25.0
Styrene	Ave	1.039	0.9355	0.1000	18.0	20.0	-9.9	25.0
Isopropylbenzene	Ave	1.554	1.447	0.1000	18.6	20.0	-6.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4506	0.1000	18.8	20.0	-6.1	25.0
1,3-Dichlorobenzene	Ave	1.316	1.273	0.1000	19.3	20.0	-3.3	25.0
1,4-Dichlorobenzene	Ave	1.354	1.301	0.1000	19.2	20.0	-3.9	25.0
1,2-Dichlorobenzene	Ave	1.249	1.219	0.1000	19.5	20.0	-2.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0958*	0.1000	19.9	20.0	-0.3	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8130	0.1000	18.8	20.0	-6.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.3071	0.1000	61.8	50.0	23.6	25.0
Toluene-d8 (Surr)	Ave	1.056	1.146	0.1000	54.3	50.0	8.5	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8594	0.1000	51.0	50.0	2.0	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06727.d
 Report Date: 14-Aug-2012 22:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06727.d
 Lab Smp Id: CCVIS
 Inj Date : 14-AUG-2012 05:35
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 22:09 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.d
 Als bottle: 1 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	0.888	0.888	(0.247)	57184	20.0000	20
3 Chloromethane	50	1.016	1.016	(0.283)	60202	20.0000	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	57830	20.0000	18
6 Bromomethane	94	1.175	1.175	(0.327)	44119	20.0000	21
5 Chloroethane	64	1.230	1.230	(0.342)	38194	20.0000	23
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	114693	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	69152	20.0000	23
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	42190	20.0000	16
16 Acetone	58	1.888	1.888	(0.525)	5676	20.0000	22
18 Carbon Disulfide	76	1.565	1.565	(0.435)	203702	20.0000	22
27 Methyl Acetate	74	1.961	1.961	(0.546)	13170	20.0000	23
22 Methylene Chloride	49	1.857	1.857	(0.517)	71053	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	236787	20.0000	23
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	52887	20.0000	16
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	116969	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	69334	20.0000	18

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06727.d
 Report Date: 14-Aug-2012 22:09

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)	10956	20.0000	21
42 Chloroform	83	2.839	2.839	(0.790)	120349	20.0000	19
44 Cyclohexane	56	2.778	2.778	(0.773)	105637	20.0000	21
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	115809	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	94542	20.0000	19
48 Benzene	78	3.254	3.254	(0.468)	227753	20.0000	17
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	229429	50.0000	62
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	99918	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	746953	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	62258	20.0000	16
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	105987	20.0000	19
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	58367	20.0000	17
68 Bromodichloromethane	83	4.272	4.272	(1.188)	98046	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	110957	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	57933	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	736118	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	287616	20.0000	17
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	108402	20.0000	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	47017	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	78785	20.0000	16
73 2-Hexanone	43	6.680	6.680	(0.961)	45142	20.0000	20
74 Dibromochloromethane	129	6.015	6.015	(0.865)	82926	20.0000	20
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	61540	20.0000	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	642449	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	211244	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	107872	20.0000	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	274159	40.0000	35
84 o-Xylene	106	7.862	7.862	(1.131)	138492	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	240408	20.0000	18
86 Bromoform	173	7.917	7.917	(1.139)	63737	20.0000	20
88 Isopropylbenzene	105	8.350	8.350	(1.201)	371962	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	350584	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	73518	20.0000	19
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	207706	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	407904	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	212227	20.0000	19
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	198967	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	15628	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	132648	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				122221	40.0000	34
M 121 Xylene (Total)	100				412651	60.0000	53

Data File: e06727.d

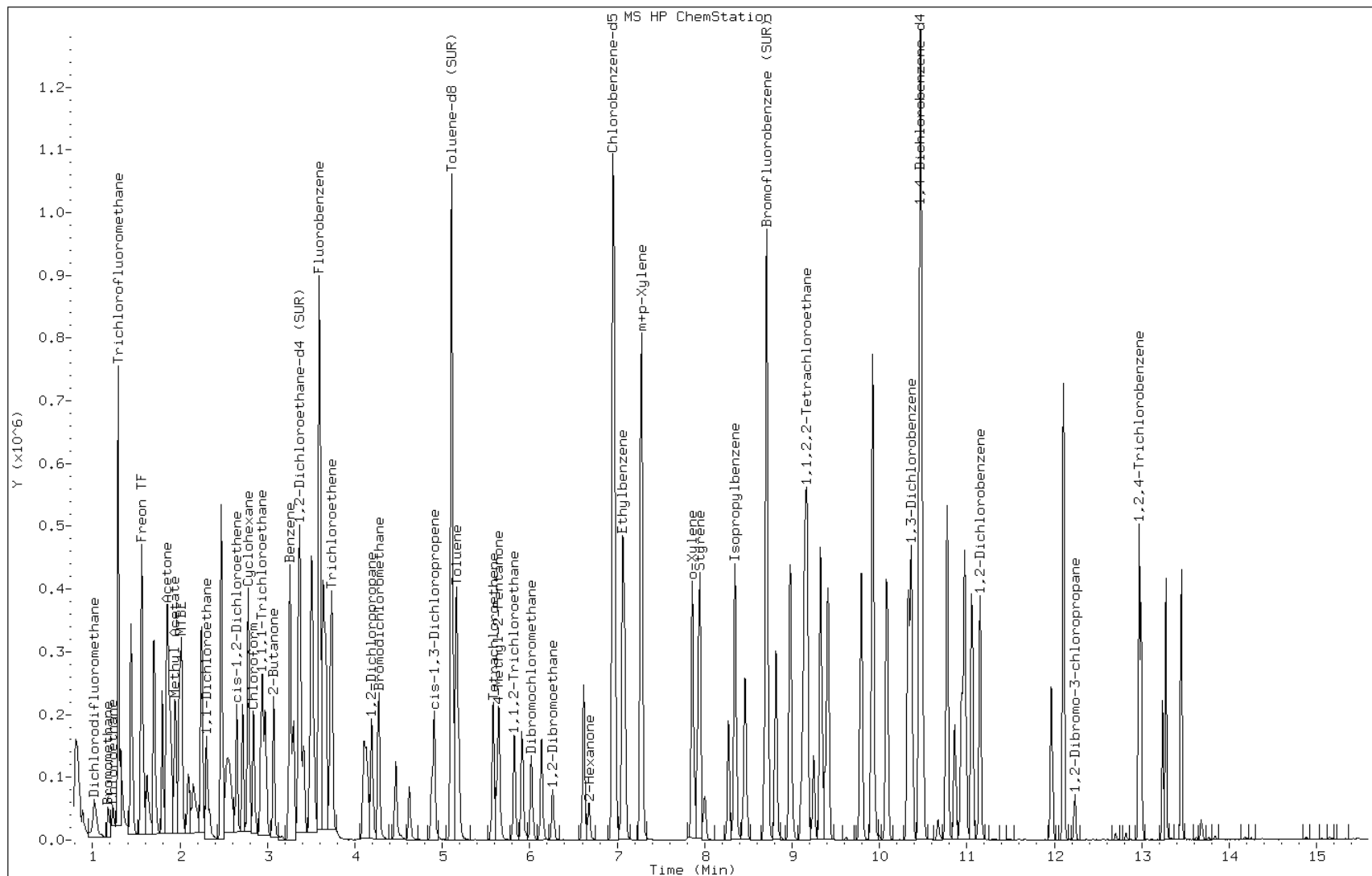
Date: 14-AUG-2012 05:35

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.: 460-43415-1

SDG No.: _____

Lab Sample ID: CCV 460-124030/15 Calibration Date: 08/14/2012 17:27

Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34

GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39

Lab File ID: e06755.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	0.1931	0.1844	0.1000	19.1	20.0	-4.5	25.0
Chloromethane	Ave	0.2297	0.1999	0.1000	17.4	20.0	-12.9	25.0
Vinyl chloride	Ave	0.2158	0.1923	0.1000	17.8	20.0	-10.9	25.0
Bromomethane	Ave	0.1418	0.1414	0.1000	19.9	20.0	-0.3	25.0
Chloroethane	Ave	0.1124	0.1226	0.1000	21.8	20.0	9.1	25.0
Trichlorofluoromethane	Ave	0.3212	0.3793	0.1000	23.6	20.0	18.1	25.0
1,1-Dichloroethene	Ave	0.1735	0.1815	0.1000	20.9	20.0	4.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2180	0.1000	22.0	20.0	10.1	25.0
Carbon disulfide	Ave	0.6165	0.5995	0.1000	19.4	20.0	-2.8	25.0
Methylene Chloride	Ave	0.2678	0.2872	0.1000	21.4	20.0	7.2	25.0
Acetone	Ave	0.0169	0.0236*	0.1000	27.9	20.0	39.6*	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.2338	0.1000	21.1	20.0	5.6	25.0
Methyl acetate	Ave	0.0385	0.0406*	0.1000	21.1	20.0	5.5	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7307	0.1000	21.4	20.0	7.2	25.0
1,1-Dichloroethane	Ave	0.4073	0.4371	0.1000	21.5	20.0	7.3	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2679	0.1000	21.0	20.0	4.8	25.0
Cyclohexane	Ave	0.3402	0.3385	0.1000	19.9	20.0	-0.5	25.0
Chloroform	Ave	0.4173	0.4520	0.1000	21.7	20.0	8.3	25.0
Carbon tetrachloride	Ave	0.3333	0.3606	0.1000	21.6	20.0	8.2	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.4254	0.1000	21.6	20.0	8.2	25.0
2-Butanone (MEK)	Ave	0.0343	0.0389*	0.1000	22.7	20.0	13.4	25.0
Benzene	Ave	1.046	1.044	0.1000	20.0	20.0	-0.2	25.0
1,2-Dichloroethane	Ave	0.3180	0.3712	0.1000	23.3	20.0	16.7	25.0
Methylcyclohexane	Ave	0.3670	0.3397	0.1000	18.5	20.0	-7.5	25.0
Trichloroethene	Ave	0.2556	0.2515	0.1000	19.7	20.0	-1.6	25.0
1,2-Dichloropropane	Ave	0.2295	0.2127	0.1000	18.5	20.0	-7.3	25.0
Dichlorobromomethane	Ave	0.3375	0.3358	0.1000	19.9	20.0	-0.5	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4595	0.1000	19.5	20.0	-2.4	25.0
Toluene	Ave	1.325	1.291	0.1000	19.5	20.0	-2.5	25.0
Tetrachloroethene	Ave	0.3828	0.3787	0.1000	19.8	20.0	-1.1	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2053	0.1000	18.9	20.0	-5.3	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4325	0.1000	19.3	20.0	-3.7	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1861	0.1000	19.1	20.0	-4.6	25.0
Chlorodibromomethane	Ave	0.3228	0.3229	0.1000	20.0	20.0	0.0	25.0
1,2-Dibromoethane	Ave	0.2661	0.2556	0.1000	19.2	20.0	-3.9	25.0
2-Hexanone	Ave	0.1724	0.1734	0.1000	20.1	20.0	0.6	25.0
Chlorobenzene	Ave	0.9121	0.8992	0.1000	19.7	20.0	-1.4	25.0
Ethylbenzene	Ave	0.4762	0.4766	0.1000	20.0	20.0	0.0	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.6095	0.1000	40.1	40.0	0.3	25.0
o-Xylene	Ave	0.6012	0.5942	0.1000	19.8	20.0	-1.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Lab Sample ID: CCV 460-124030/15 Calibration Date: 08/14/2012 17:27
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06755.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	0.2514	0.2364	0.1000	18.8	20.0	-6.0	25.0
Styrene	Ave	1.039	1.015	0.1000	19.5	20.0	-2.3	25.0
Isopropylbenzene	Ave	1.554	1.585	0.1000	20.4	20.0	2.0	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4513	0.1000	18.8	20.0	-6.0	25.0
1,3-Dichlorobenzene	Ave	1.316	1.347	0.1000	20.5	20.0	2.3	25.0
1,4-Dichlorobenzene	Ave	1.354	1.383	0.1000	20.4	20.0	2.1	25.0
1,2-Dichlorobenzene	Ave	1.249	1.255	0.1000	20.1	20.0	0.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0874*	0.1000	18.2	20.0	-9.0	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.7740	0.1000	17.9	20.0	-10.7	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2987	0.1000	60.1	50.0	20.2	25.0
Toluene-d8 (Surr)	Ave	1.056	1.137	0.1000	53.8	50.0	7.7	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8634	0.1000	51.3	50.0	2.5	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06755.d
 Report Date: 14-Aug-2012 22:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06755.d
 Lab Smp Id: CCV
 Inj Date : 14-AUG-2012 17:27
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 22:35 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 17:27 Cal File: e06755.d
 Als bottle: 29 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	0.888	0.888	(0.247)	54118	20.0000	19
3 Chloromethane	50	1.010	1.010	(0.281)	58686	20.0000	17
4 Vinyl Chloride	62	1.022	1.022	(0.284)	56448	20.0000	18
6 Bromomethane	94	1.175	1.175	(0.327)	41516	20.0000	20
5 Chloroethane	64	1.230	1.230	(0.342)	35999	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	111344	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	63983	20.0000	22
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	53271	20.0000	21
16 Acetone	58	1.888	1.888	(0.525)	6925	20.0000	28
18 Carbon Disulfide	76	1.565	1.565	(0.435)	175969	20.0000	19
27 Methyl Acetate	74	1.961	1.961	(0.546)	11927	20.0000	21
22 Methylene Chloride	49	1.857	1.857	(0.517)	84304	20.0000	21
28 MTBE	73	2.016	2.016	(0.561)	214500	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	68621	20.0000	21
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	128318	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	78652	20.0000	21

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06755.d
 Report Date: 14-Aug-2012 22:35

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)	11417	20.0000	23
42 Chloroform	83	2.839	2.839	(0.790)	132673	20.0000	22
44 Cyclohexane	56	2.778	2.778	(0.773)	99353	20.0000	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	124861	20.0000	22
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	105849	20.0000	22
48 Benzene	78	3.260	3.260	(0.469)	268673	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	219236	50.0000	60
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	108959	20.0000	23
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	733852	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	73824	20.0000	20
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	99701	20.0000	18
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	62429	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	98584	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	118272	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	52843	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	731565	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	332407	20.0000	19
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	111315	20.0000	19
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	47896	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	97468	20.0000	20
73 2-Hexanone	43	6.680	6.680	(0.961)	44643	20.0000	20
74 Dibromochloromethane	129	6.021	6.021	(0.866)	83109	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	65797	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	643515	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	231455	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	122675	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	313753	40.0000	40
84 o-Xylene	106	7.862	7.862	(1.131)	152938	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	261203	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	60846	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	408044	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	348883	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	72941	20.0000	19
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	217643	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	404045	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	223469	20.0000	20
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	202842	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	14131	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	125093	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				147273	40.0000	42
M 121 Xylene (Total)	100				466691	60.0000	60

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05997.d
 Report Date: 30-Jul-2012 06:53

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05997.d
 Lab Smp Id: BFB
 Inj Date : 30-JUL-2012 03:47
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.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	52496			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	8317			15.00- 40.00	15.84
2.352	2.600 (0.000)	75	25608			30.00- 60.00	48.78
2.352	2.600 (0.000)	96	3297			5.00- 9.00	6.28
2.352	2.600 (0.000)	173	279			0.00- 2.00	0.53
2.352	2.600 (0.000)	174	52352			50.00- 100.00	99.73
2.352	2.600 (0.000)	175	3636			5.00- 9.00	6.95
2.352	2.600 (0.000)	176	51216			95.00- 101.00	97.83
2.352	2.600 (0.000)	177	3152			5.00- 9.00	6.15

Data File: e05997.d

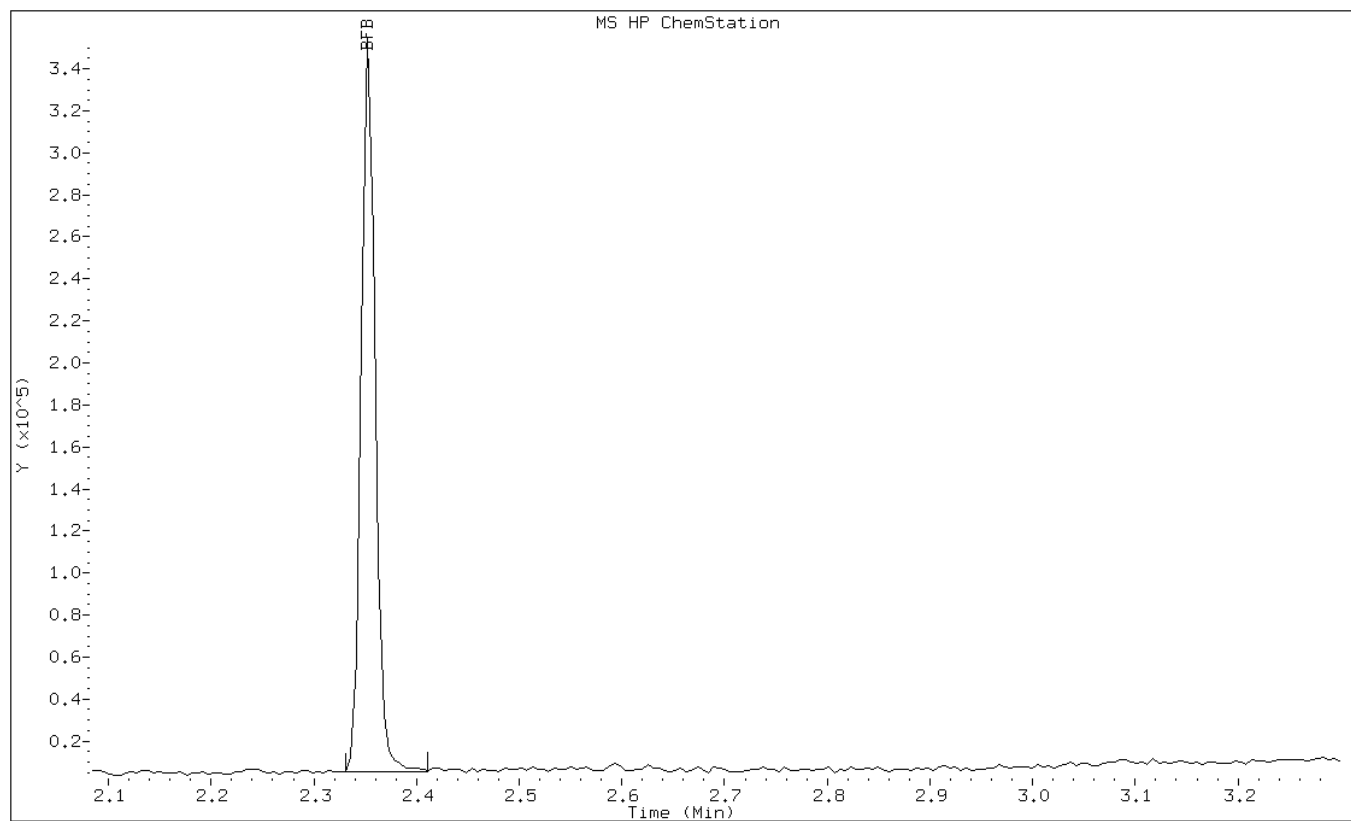
Date: 30-JUL-2012 03:47

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e05997.d

Date: 30-JUL-2012 03:47

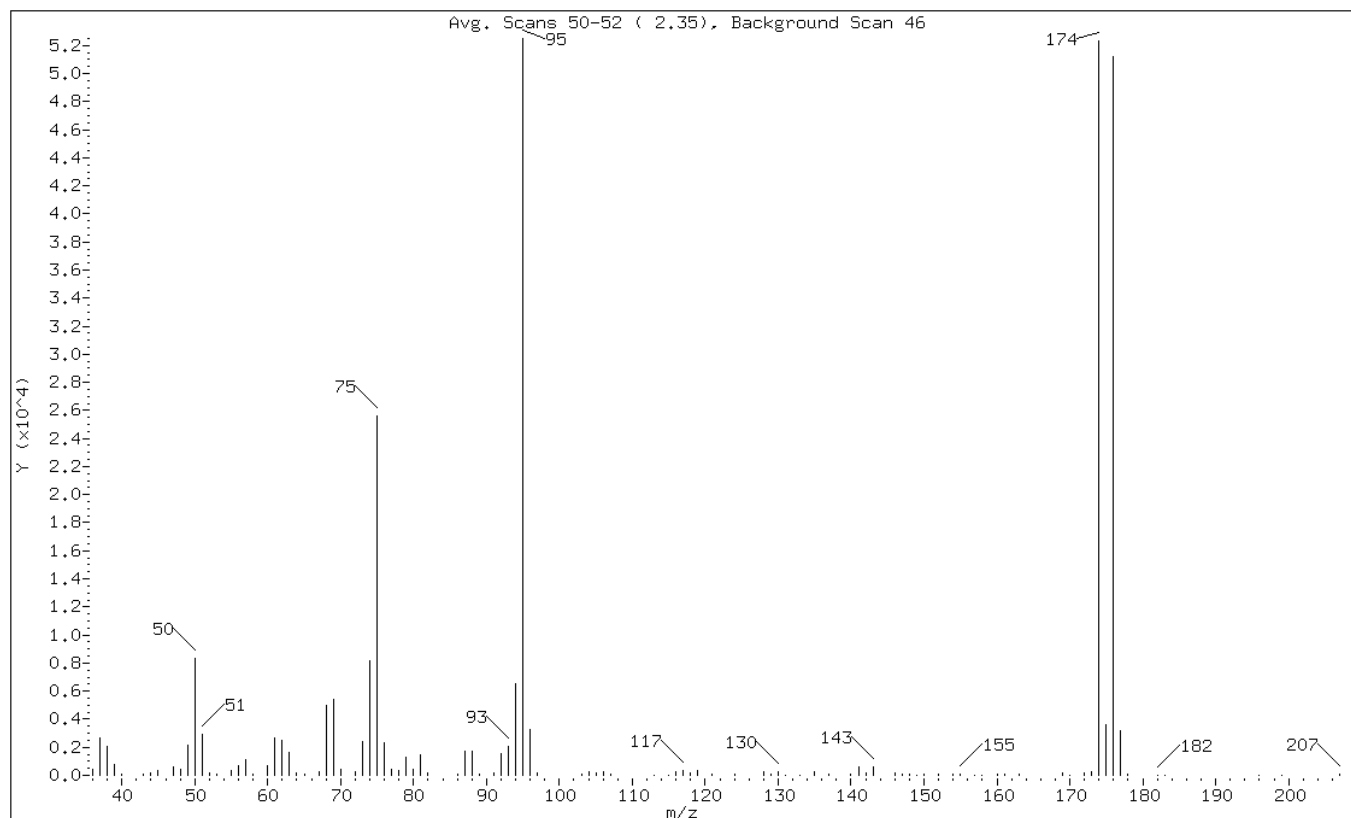
Client ID:

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	15.84
75	30.00 - 60.00% of mass 95	48.78
96	5.00 - 9.00% of mass 95	6.28
173	Less than 2.00% of mass 174	0.53 (0.53)
174	50.00 - 100.00% of mass 95	99.73
175	5.00 - 9.00% of mass 174	6.93 (6.95)
176	95.00 - 101.00% of mass 174	97.56 (97.83)
177	5.00 - 9.00% of mass 176	6.00 (6.15)

Data File: e05997.d

Date: 30-JUL-2012 03:47

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05997.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	437	68.00	5022	104.00	227	149.00	39
37.00	2674	69.00	5437	105.00	144	150.00	46
38.00	2079	70.00	455	106.00	276	152.00	94
39.00	740	72.00	257	107.00	76	154.00	96
40.00	69	73.00	2404	113.00	34	155.00	108
43.00	50	74.00	8189	115.00	40	157.00	23
44.00	178	75.00	25608	116.00	222	158.00	37
45.00	318	76.00	2322	117.00	369	160.00	66
47.00	571	77.00	395	118.00	180	161.00	85
48.00	429	78.00	351	119.00	330	163.00	60
49.00	2157	79.00	1272	121.00	54	169.00	141
50.00	8317	80.00	410	124.00	43	170.00	34
51.00	2962	81.00	1446	128.00	229	172.00	177
52.00	146	82.00	174	129.00	82	173.00	279
53.00	78	86.00	101	130.00	289	174.00	52352
55.00	344	87.00	1714	131.00	19	175.00	3636
56.00	728	88.00	1759	133.00	34	176.00	51216
57.00	1083	89.00	100	135.00	269	177.00	3152
58.00	48	91.00	160	137.00	70	178.00	96
60.00	701	92.00	1558	140.00	52	182.00	39
61.00	2672	93.00	2027	141.00	573	183.00	37
62.00	2493	94.00	6560	142.00	163	196.00	36
63.00	1649	95.00	52496	143.00	631	199.00	39
64.00	179	96.00	3297	146.00	135	207.00	80
65.00	73	97.00	167	147.00	117		
67.00	226	103.00	44	148.00	71		

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06636.d
 Report Date: 12-Aug-2012 07:34

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06636.d
 Lab Smp Id: BFB
 Inj Date : 12-AUG-2012 07:30
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.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	ON-COL		RATIO
					(ug/L)	FINAL (ug/L)	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB				CAS #: 460-00-4		
2.352	2.600	(0.000)	95	103392		0.00- 100.00	100.00
2.352	2.600	(0.000)	50	19440		15.00- 40.00	18.80
2.352	2.600	(0.000)	75	54912		30.00- 60.00	53.11
2.352	2.600	(0.000)	96	6923		5.00- 9.00	6.70
2.352	2.600	(0.000)	173	0		0.00- 2.00	0.00
2.352	2.600	(0.000)	174	95280		50.00- 100.00	92.15
2.352	2.600	(0.000)	175	7542		5.00- 9.00	7.92
2.352	2.600	(0.000)	176	95416		95.00- 101.00	100.14
2.352	2.600	(0.000)	177	5795		5.00- 9.00	6.07

Data File: e06636.d

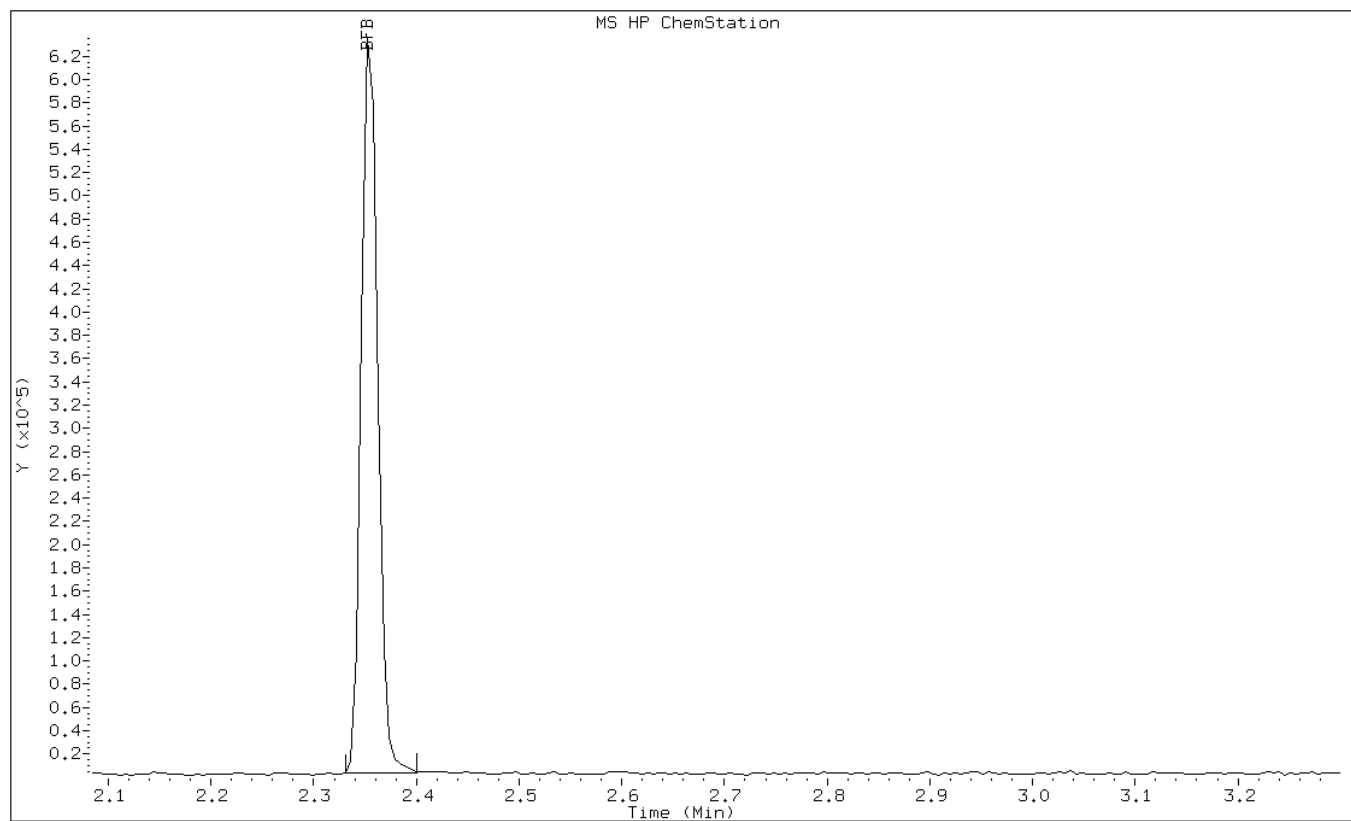
Date: 12-AUG-2012 07:30

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06636.d

Date: 12-AUG-2012 07:30

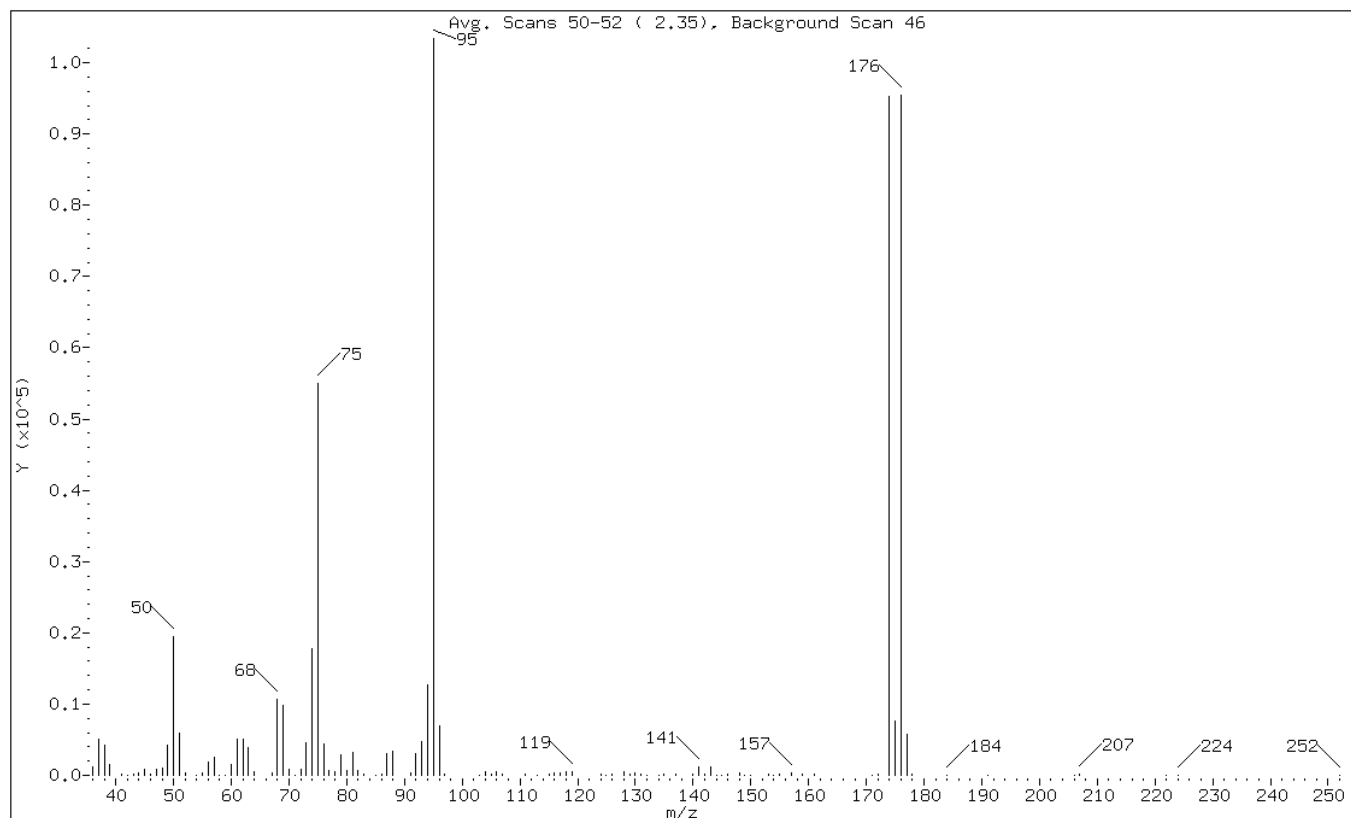
Client ID:

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	18.80
75	30.00 - 60.00% of mass 95	53.11
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	92.15
175	5.00 - 9.00% of mass 174	7.29 (7.92)
176	95.00 - 101.00% of mass 174	92.29 (100.14)
177	5.00 - 9.00% of mass 176	5.60 (6.07)

Data File: e06636.d

Date: 12-AUG-2012 07:30

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06636.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1255	68.00	10595	104.00	589	146.00	206
37.00	5000	69.00	9787	105.00	151	148.00	281
38.00	4258	70.00	785	106.00	467	149.00	73
39.00	1508	71.00	36	107.00	122	150.00	48
41.00	134	72.00	838	111.00	114	153.00	171
42.00	36	73.00	4510	113.00	72	154.00	68
43.00	89	74.00	17776	115.00	183	155.00	245
44.00	320	75.00	54912	116.00	342	157.00	302
45.00	811	76.00	4416	117.00	413	159.00	190
46.00	150	77.00	679	118.00	458	161.00	178
47.00	835	78.00	442	119.00	562	171.00	76
48.00	991	79.00	2876	124.00	114	172.00	173
49.00	4147	80.00	741	125.00	35	174.00	95280
50.00	19440	81.00	3139	126.00	130	175.00	7542
51.00	5912	82.00	597	128.00	503	176.00	95416
52.00	276	83.00	133	129.00	158	177.00	5795
54.00	41	85.00	63	130.00	336	178.00	187
55.00	406	86.00	132	131.00	114	184.00	45
56.00	1796	87.00	3047	132.00	75	191.00	40
57.00	2593	88.00	3402	134.00	45	206.00	37
58.00	74	91.00	417	135.00	221	207.00	213
59.00	39	92.00	3050	137.00	178	222.00	35
60.00	1486	93.00	4718	140.00	117	224.00	58
61.00	5047	94.00	12684	141.00	1202	252.00	39
62.00	5102	95.00	103392	142.00	218		
63.00	3878	96.00	6923	143.00	1178		
64.00	496	97.00	224	144.00	80		
67.00	382	103.00	53	145.00	46		

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06668.d
 Report Date: 13-Aug-2012 03:59

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06668.d
 Lab Smp Id: BFB
 Inj Date : 13-AUG-2012 03:54
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.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		RATIO
					ON-COL	FINAL	
				(ug/L)	(ug/L)	TARGET RANGE	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB					CAS #: 460-00-4	
2.352	2.600	(0.000)	95	59184		0.00- 100.00	100.00
2.352	2.600	(0.000)	50	11183		15.00- 40.00	18.90
2.352	2.600	(0.000)	75	30976		30.00- 60.00	52.34
2.352	2.600	(0.000)	96	3712		5.00- 9.00	6.27
2.352	2.600	(0.000)	173	323		0.00- 2.00	0.55
2.352	2.600	(0.000)	174	58304		50.00- 100.00	98.51
2.352	2.600	(0.000)	175	4588		5.00- 9.00	7.87
2.352	2.600	(0.000)	176	55392		95.00- 101.00	95.01
2.352	2.600	(0.000)	177	3802		5.00- 9.00	6.86

Data File: e06668.d

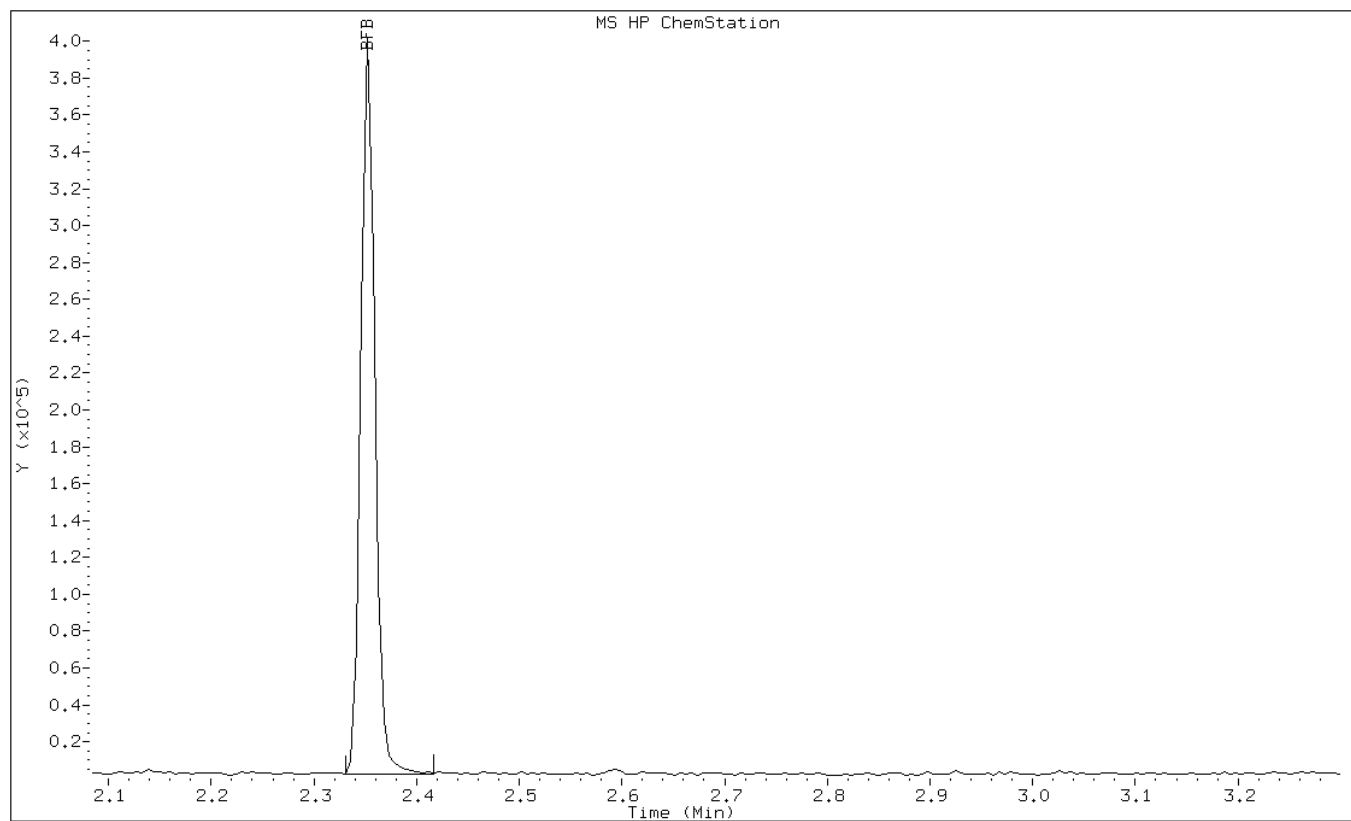
Date: 13-AUG-2012 03:54

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06668.d

Date: 13-AUG-2012 03:54

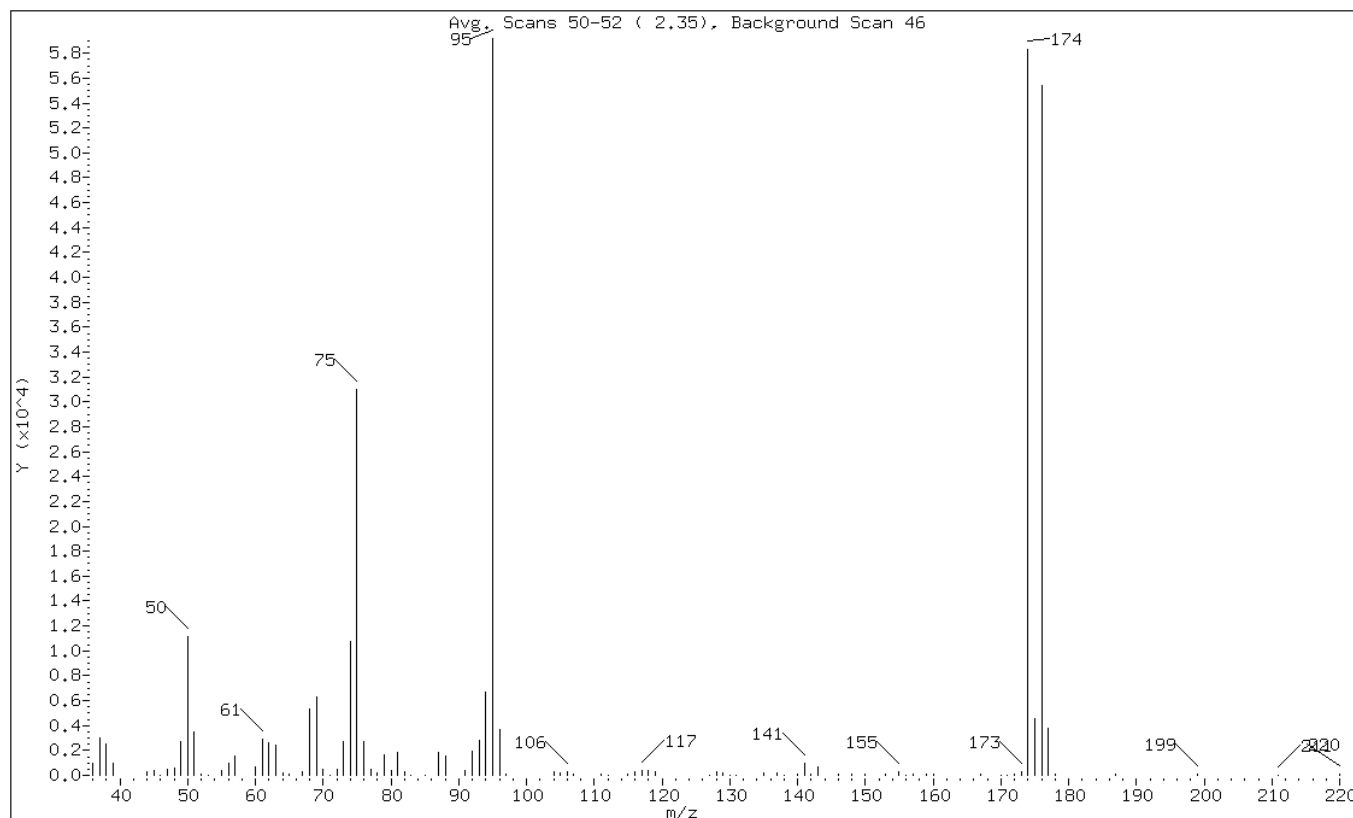
Client ID:

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	18.90
75	30.00 - 60.00% of mass 95	52.34
96	5.00 - 9.00% of mass 95	6.27
173	Less than 2.00% of mass 174	0.55 (0.55)
174	50.00 - 100.00% of mass 95	98.51
175	5.00 - 9.00% of mass 174	7.75 (7.87)
176	95.00 - 101.00% of mass 174	93.59 (95.01)
177	5.00 - 9.00% of mass 176	6.42 (6.86)

Data File: e06668.d

Date: 13-AUG-2012 03:54

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06668.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	934	69.00	6252	104.00	246	150.00	110
37.00	2996	70.00	440	105.00	147	153.00	77
38.00	2546	71.00	38	106.00	316	155.00	278
39.00	979	72.00	501	107.00	77	156.00	37
44.00	269	73.00	2695	111.00	51	157.00	90
45.00	367	74.00	10710	112.00	41	159.00	118
46.00	43	75.00	30976	115.00	75	160.00	54
47.00	522	76.00	2695	116.00	252	167.00	51
48.00	576	77.00	532	117.00	407	170.00	38
49.00	2706	78.00	195	118.00	379	171.00	46
50.00	11183	79.00	1604	119.00	281	172.00	95
51.00	3458	80.00	413	127.00	46	173.00	323
52.00	140	81.00	1793	128.00	290	174.00	58304
53.00	37	82.00	308	129.00	146	175.00	4588
55.00	366	83.00	41	130.00	30	176.00	55392
56.00	961	85.00	35	131.00	2	177.00	3802
57.00	1518	87.00	1808	135.00	153	178.00	136
60.00	641	88.00	1562	137.00	184	187.00	70
61.00	2936	91.00	364	138.00	34	199.00	51
62.00	2632	92.00	1964	140.00	81	211.00	34
63.00	2395	93.00	2826	141.00	953	220.00	61
64.00	220	94.00	6669	142.00	104		
65.00	103	95.00	59184	143.00	652		
67.00	263	96.00	3712	146.00	116		
68.00	5370	97.00	140	148.00	123		

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06726.d
 Report Date: 14-Aug-2012 18:19

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06726.d
 Lab Smp Id: BFB
 Inj Date : 14-AUG-2012 05:02
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.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							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
2.352	2.600 (0.000)	95	88096			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	16213			15.00- 40.00	18.40
2.352	2.600 (0.000)	75	45408			30.00- 60.00	51.54
2.352	2.600 (0.000)	96	5996			5.00- 9.00	6.81
2.352	2.600 (0.000)	173	176			0.00- 2.00	0.22
2.352	2.600 (0.000)	174	79648			50.00- 100.00	90.41
2.352	2.600 (0.000)	175	6931			5.00- 9.00	8.70
2.352	2.600 (0.000)	176	78504			95.00- 101.00	98.56
2.352	2.600 (0.000)	177	5203			5.00- 9.00	6.63

Data File: e06726.d

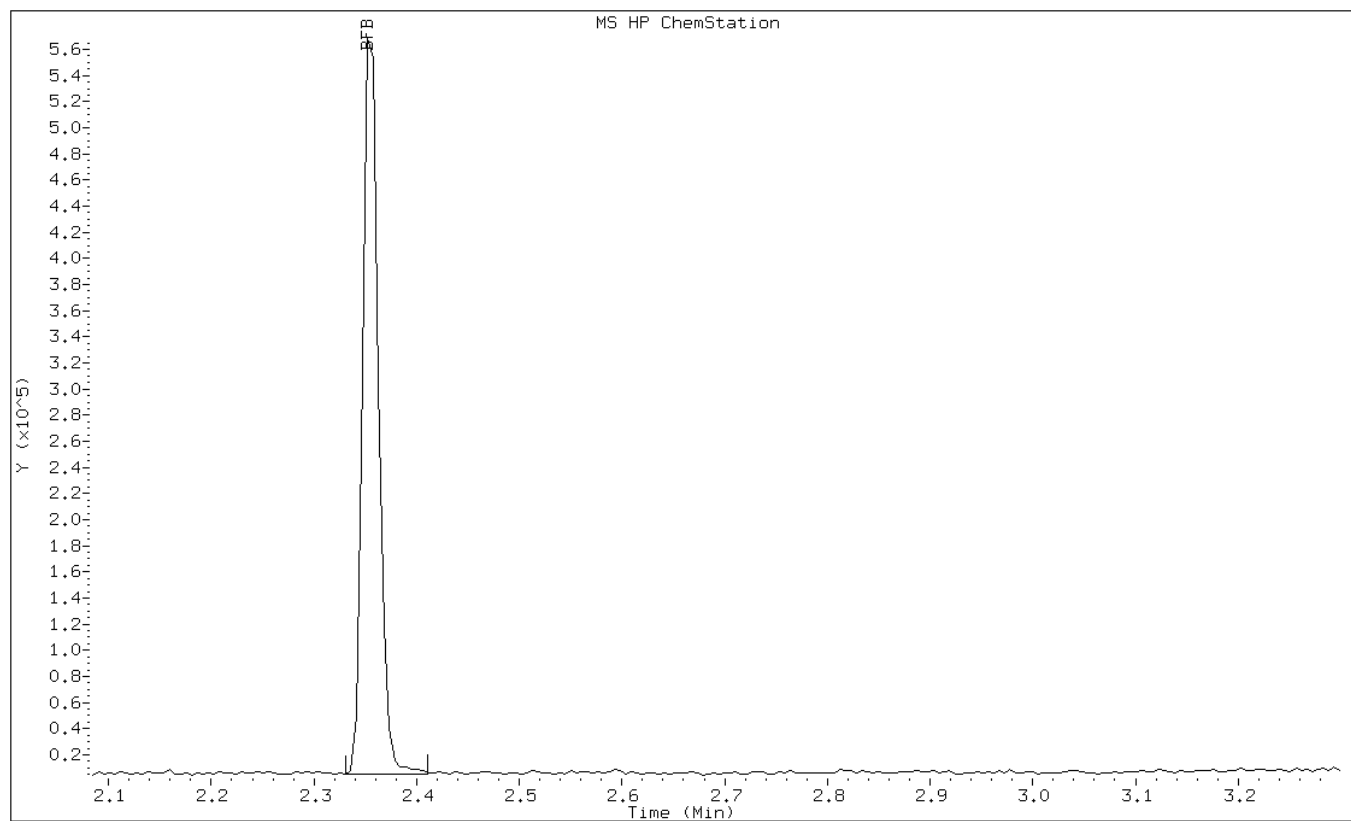
Date: 14-AUG-2012 05:02

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06726.d

Date: 14-AUG-2012 05:02

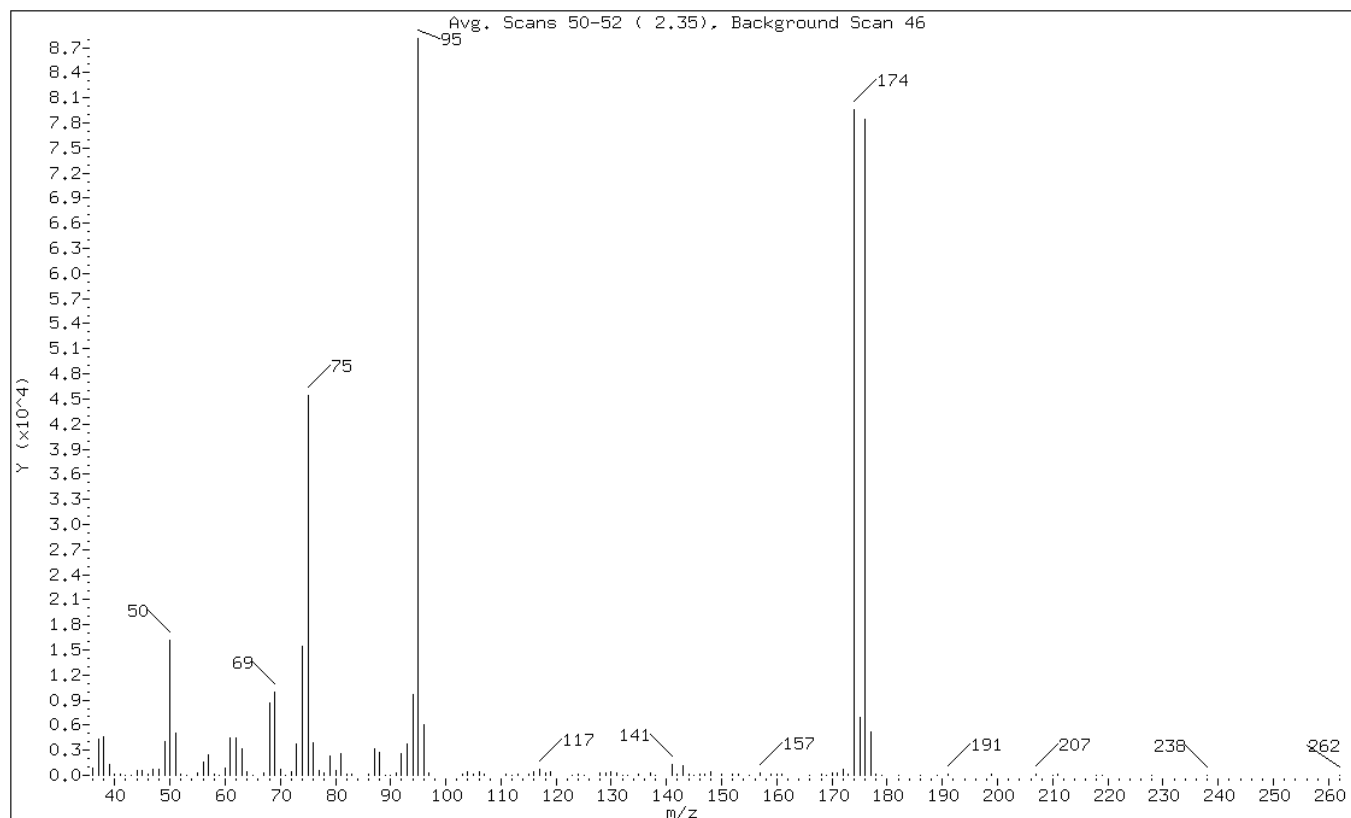
Client ID:

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	18.40
75	30.00 - 60.00% of mass 95	51.54
96	5.00 - 9.00% of mass 95	6.81
173	Less than 2.00% of mass 174	0.20 (0.22)
174	50.00 - 100.00% of mass 95	90.41
175	5.00 - 9.00% of mass 174	7.87 (8.70)
176	95.00 - 101.00% of mass 174	89.11 (98.56)
177	5.00 - 9.00% of mass 176	5.91 (6.63)

Data File: e06726.d

Date: 14-AUG-2012 05:02

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06726.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 125

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	930	70.00	695	112.00	54	159.00	90
37.00	4370	71.00	56	113.00	85	160.00	149
38.00	4599	72.00	392	115.00	120	161.00	182
39.00	1352	73.00	3708	116.00	384	166.00	36
40.00	108	74.00	15381	117.00	752	168.00	76
41.00	114	75.00	45408	118.00	350	169.00	40
42.00	38	76.00	3875	119.00	453	170.00	332
43.00	69	77.00	561	123.00	65	171.00	272
44.00	615	78.00	302	124.00	78	172.00	659
45.00	584	79.00	2373	125.00	39	173.00	176
46.00	102	80.00	566	128.00	284	174.00	79648
47.00	698	81.00	2543	129.00	266	175.00	6931
48.00	717	82.00	195	130.00	466	176.00	78504
49.00	3985	83.00	117	131.00	222	177.00	5203
50.00	16213	86.00	92	132.00	35	178.00	204
51.00	5031	87.00	3122	133.00	42	179.00	39
52.00	197	88.00	2782	135.00	140	182.00	47
53.00	57	89.00	40	137.00	307	186.00	37
55.00	338	90.00	55	138.00	42	189.00	34
56.00	1573	91.00	352	141.00	1334	191.00	115
57.00	2515	92.00	2652	142.00	129	199.00	102
58.00	83	93.00	3687	143.00	1212	207.00	207
59.00	52	94.00	9693	144.00	86	210.00	42
60.00	899	95.00	88096	145.00	20	211.00	165
61.00	4469	96.00	5996	146.00	98	218.00	52
62.00	4405	97.00	315	147.00	140	219.00	61
63.00	3163	103.00	122	148.00	363	228.00	35
64.00	370	104.00	461	150.00	94	238.00	38
65.00	44	105.00	81	152.00	164	262.00	39
67.00	312	106.00	496	153.00	141		
68.00	8660	107.00	183	155.00	38		
69.00	9900	111.00	168	157.00	289		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-123657/4

Matrix: Water Lab File ID: e06642.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 10:37

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.: 123657 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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123657/4
 Matrix: Water Lab File ID: e06642.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 10:37
 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.: 123657 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)	105		70-130
460-00-4	4-Bromofluorobenzene	99		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.: 460-43415-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123657/4
Matrix: Water Lab File ID: e06642.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 10:37
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.: 123657 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/07-30-12/12aug12.b/e06642.d
 Report Date: 13-Aug-2012 04:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06642.d
 Lab Smp Id: MB
 Inj Date : 12-AUG-2012 10:37
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 04:32 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
 Als bottle: 6 QC Sample: BLANK
 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	3.363	3.357	(0.936)	230195		52.7537	53
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	737535		50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	725878		49.3252	49
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	638705		50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	347448		49.6166	50
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.465	(1.000)	402514		50.0000	

Data File: e06642.d

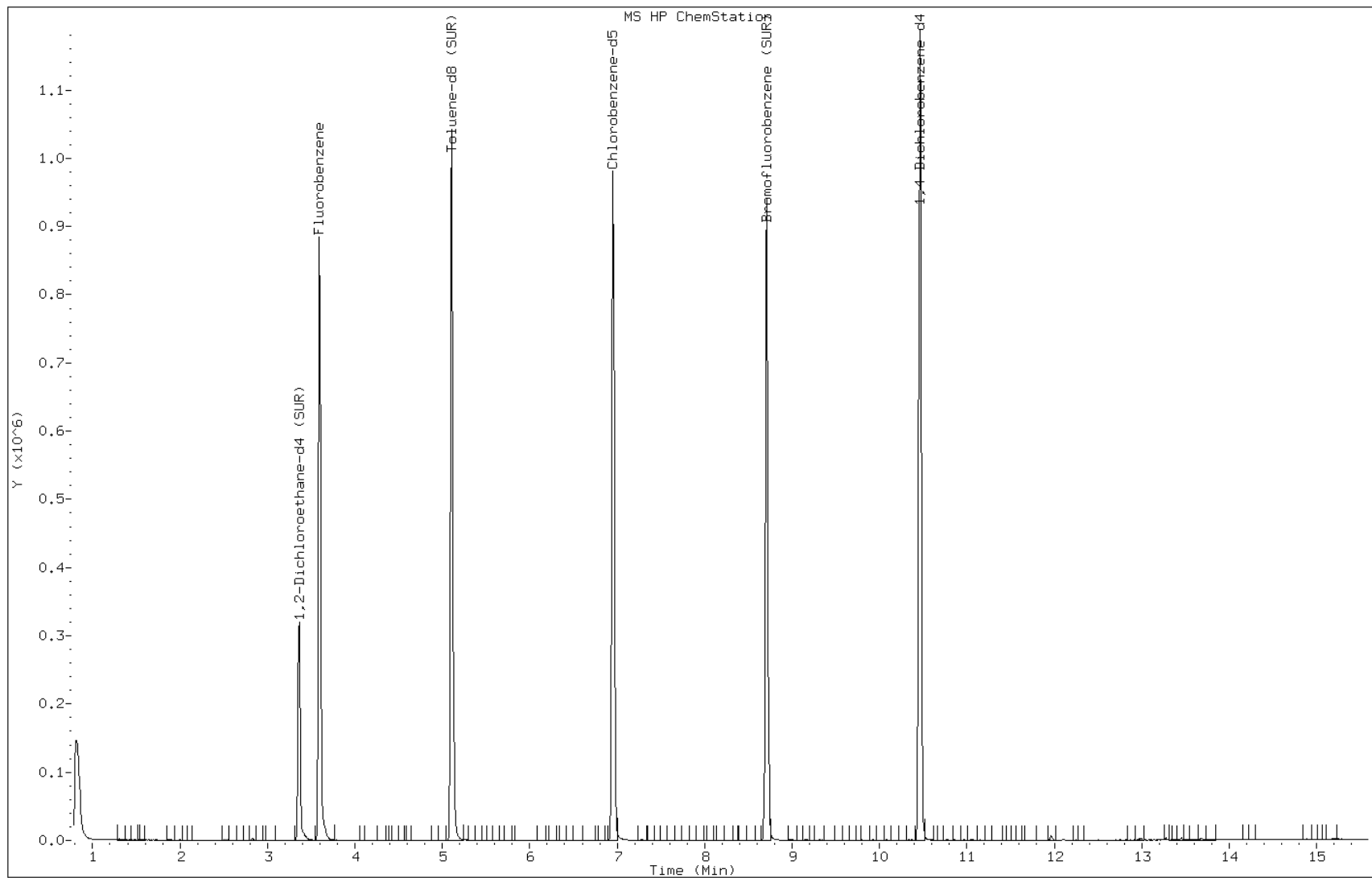
Date: 12-AUG-2012 10:37

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.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-123702/4

Matrix: Water Lab File ID: e06674.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41

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.: 123702 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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123702/4
 Matrix: Water Lab File ID: e06674.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41
 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.: 123702 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)	104		70-130
460-00-4	4-Bromofluorobenzene	100		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.: 460-43415-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123702/4
Matrix: Water Lab File ID: e06674.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41
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.: 123702 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/07-30-12/13aug12.b/e06674.d
 Report Date: 13-Aug-2012 08:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06674.d
 Lab Smp Id: MB
 Inj Date : 13-AUG-2012 06:41
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 6 QC Sample: BLANK
 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	3.363	3.357	(0.936)	217018	52.0456	52	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	696291	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	678703	49.3809	49	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	605860	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	324784	49.8915	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	378247	50.0000		

Data File: e06674.d

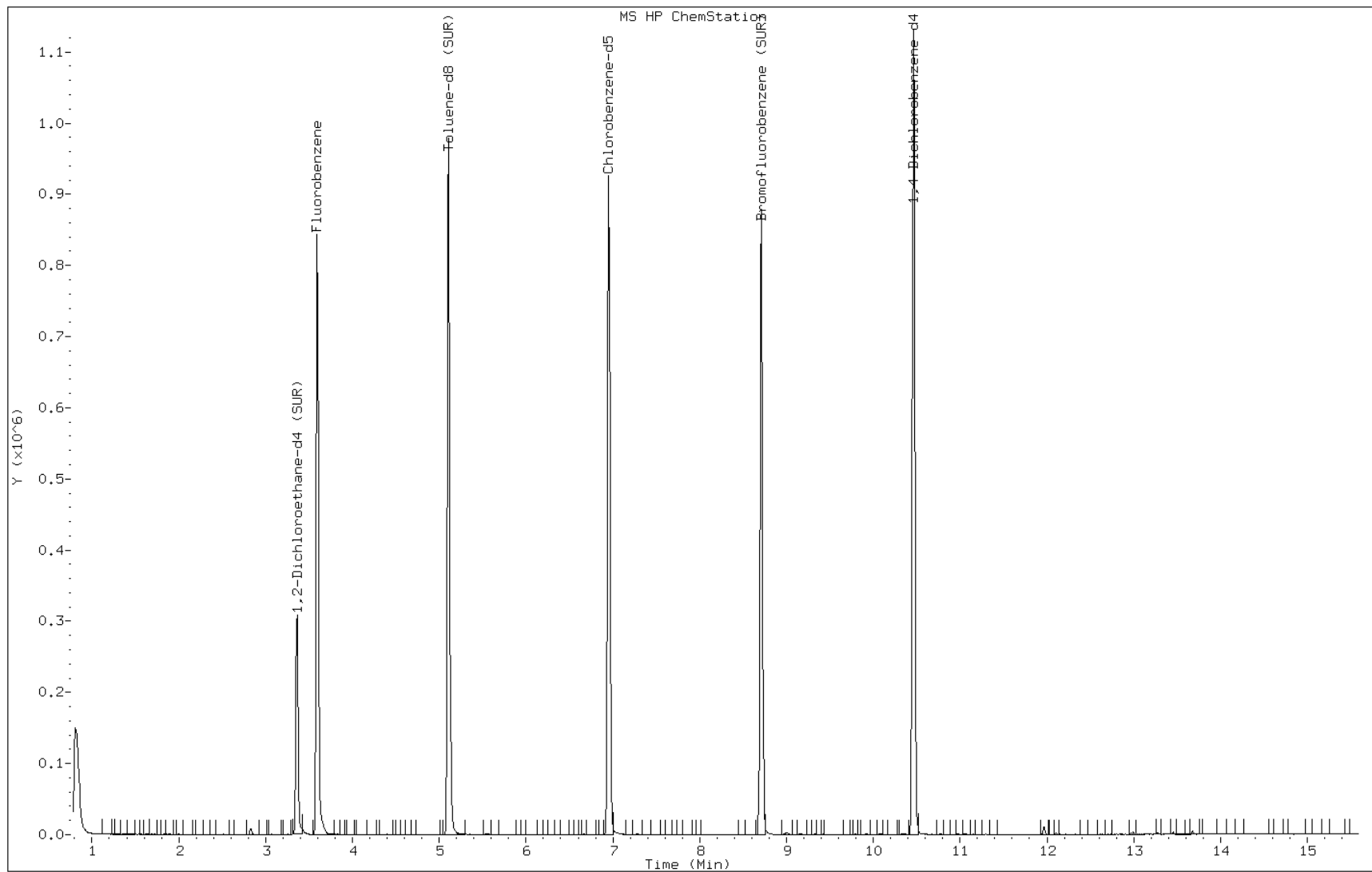
Date: 13-AUG-2012 06:41

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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-124030/5
 Matrix: Water Lab File ID: e06732.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:30
 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.: 124030 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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-124030/5
 Matrix: Water Lab File ID: e06732.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:30
 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.: 124030 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	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.: 460-43415-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-124030/5
Matrix: Water Lab File ID: e06732.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:30
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.: 124030 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/07-30-12/14aug12W.b/e06732.d
 Report Date: 14-Aug-2012 18:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06732.d
 Lab Smp Id: MB
 Inj Date : 14-AUG-2012 08:30
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 18:20 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.d
 Als bottle: 6 QC Sample: BLANK
 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	3.363	3.357	(0.936)	231361	52.8048	53	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	713233	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	699476	49.8944	50	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	611762	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	324693	49.6484	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	380455	50.0000		

Data File: e06732.d

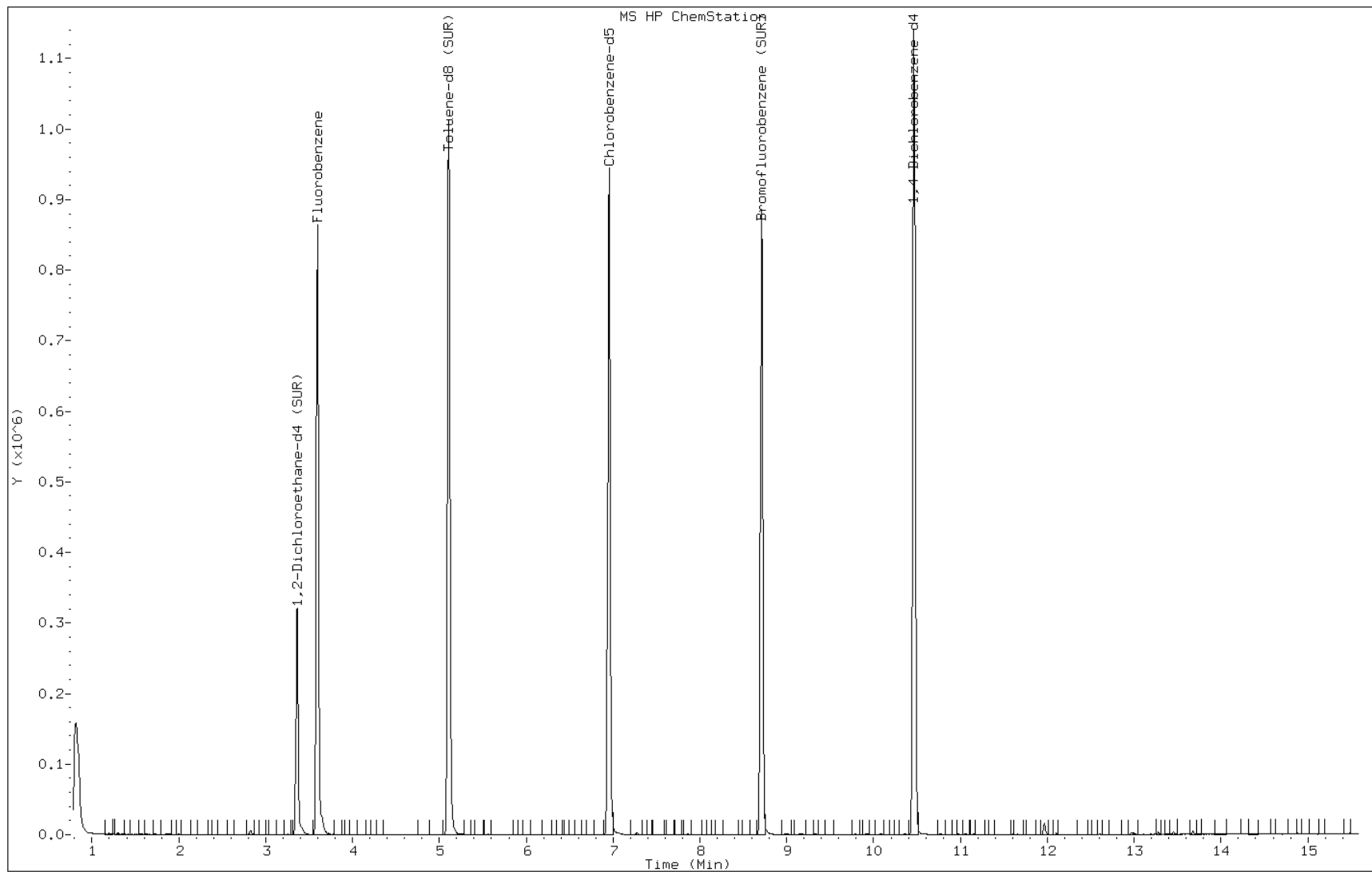
Date: 14-AUG-2012 08:30

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.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-123657/3

Matrix: Water Lab File ID: e06639.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 09:18

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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.060
75-71-8	Dichlorodifluoromethane	19.8		1.0	0.22
74-87-3	Chloromethane	20.6		1.0	0.10
75-01-4	Vinyl chloride	19.6		1.0	0.14
74-83-9	Bromomethane	20.1		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.40
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.21
75-69-4	Trichlorofluoromethane	20.2		1.0	0.15
75-35-4	1,1-Dichloroethene	19.6		1.0	0.090
78-87-5	1,2-Dichloropropane	19.2		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.3		1.0	0.080
67-64-1	Acetone	18.4		5.0	2.7
75-15-0	Carbon disulfide	27.5		1.0	0.13
79-20-9	Methyl acetate	18.7		2.0	0.34
75-09-2	Methylene Chloride	18.9		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.13
124-48-1	Chlorodibromomethane	19.1		1.0	0.20
1634-04-4	Methyl tert-butyl ether	20.3		1.0	0.14
75-00-3	Chloroethane	23.5		1.0	0.17
75-34-3	1,1-Dichloroethane	19.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.18
78-93-3	2-Butanone (MEK)	17.3		5.0	2.3
67-66-3	Chloroform	18.3		1.0	0.080
100-41-4	Ethylbenzene	19.3		1.0	0.10
110-82-7	Cyclohexane	23.2		1.0	0.16
56-23-5	Carbon tetrachloride	19.6		1.0	0.060
71-43-2	Benzene	19.6		1.0	0.080
107-06-2	1,2-Dichloroethane	19.2		1.0	0.19
79-01-6	Trichloroethene	19.5		1.0	0.090
108-87-2	Methylcyclohexane	22.2		1.0	0.14
75-27-4	Dichlorobromomethane	19.4		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	18.2		5.0	0.99
108-88-3	Toluene	19.2		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123657/3
 Matrix: Water Lab File ID: e06639.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 09:18
 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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.19
127-18-4	Tetrachloroethene	19.4		1.0	0.10
591-78-6	2-Hexanone	16.8		5.0	0.50
106-93-4	1,2-Dibromoethane	19.6		1.0	0.28
108-90-7	Chlorobenzene	19.1		1.0	0.11
1330-20-7	Xylenes, Total	58.4		3.0	0.36
100-42-5	Styrene	19.5		1.0	0.12
75-25-2	Bromoform	19.2		1.0	0.19
98-82-8	Isopropylbenzene	19.6		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.1		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		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/07-30-12/12aug12.b/e06639.d
 Report Date: 12-Aug-2012 09:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06639.d
 Lab Smp Id: LCS
 Inj Date : 12-AUG-2012 09:18
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 12-Aug-2012 08:47 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
 Als bottle: 3 QC Sample: METHSPIKE
 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	60982	19.7806	20	
3 Chloromethane	50	1.010	1.010	(0.281)	68346	20.6086	21	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	64815	19.6270	20	
6 Bromomethane	94	1.175	1.175	(0.327)	49924	20.1076	20	
5 Chloroethane	64	1.230	1.230	(0.342)	48829	23.5193	24	
7 Trichlorofluoromethane	101	1.297	1.291	(0.361)	123947	20.2023	20	
14 Freon TF	101	1.565	1.565	(0.435)	73502	20.3116	20	
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	46720	19.6200	20	
16 Acetone	58	1.888	1.894	(0.525)	6062	18.4123	18	
18 Carbon Disulfide	76	1.565	1.559	(0.435)	211587	27.5062	28	
27 Methyl Acetate	74	1.961	1.955	(0.546)	12098	18.6956	19	
22 Methylene Chloride	49	1.858	1.852	(0.517)	76790	18.9041	19	
28 MTBE	73	2.016	2.016	(0.561)	239306	20.3472	20	
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	58245	19.8608	20	
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	124356	19.6615	20	
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	71711	19.7776	20	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06639.d
 Report Date: 12-Aug-2012 09:35

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	10488	17.2823	17
42 Chloroform	83	2.839	2.839	(0.790)	123444	18.3131	18
44 Cyclohexane	56	2.778	2.778	(0.773)	116060	23.2150	23
43 1,1,1-Trichloroethane	97	2.979	2.973	(0.829)	115498	19.5525	20
45 Carbon Tetrachloride	117	2.931	2.924	(0.815)	100195	19.5658	20
48 Benzene	78	3.254	3.254	(0.468)	248290	19.6188	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	224239	48.0896	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	97014	19.1585	19
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	799284	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	67819	19.4788	19
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	118336	22.2396	22
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	61908	19.1665	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	99065	19.4201	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	116417	19.5227	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	54017	18.1922	18
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	768744	50.3892	50
66 Toluene	91	5.162	5.162	(0.742)	309706	19.1547	19
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	109878	19.2465	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	48242	19.3534	19
71 Tetrachloroethene	166	5.583	5.576	(0.803)	88713	19.4223	19
73 2-Hexanone	43	6.680	6.680	(0.961)	41447	16.7690	17
74 Dibromochloromethane	129	6.021	6.015	(0.866)	83615	19.0883	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	62789	19.5536	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	689789	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	222591	19.0559	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	116611	19.2744	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	297143	38.9982	39
84 o-Xylene	106	7.863	7.863	(1.131)	146826	19.4117	19
85 Styrene	104	7.942	7.942	(1.142)	257474	19.4764	19
86 Bromoform	173	7.911	7.911	(1.138)	61154	19.1552	19
88 Isopropylbenzene	105	8.350	8.344	(1.201)	403635	19.5631	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	363388	49.4628	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	71354	18.3936	18
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	216770	19.0967	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	428889	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	223356	19.3719	19
111 1,2-Dichlorobenzene	146	11.149	11.148	(1.065)	205752	19.2876	19
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	13990	18.4032	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	134957	19.1126	19
M 120 1,2-Dichloroethene (Total)	100				129957	39.6384	40
M 121 Xylene (Total)	100				443969	58.4099	58

Data File: e06639.d

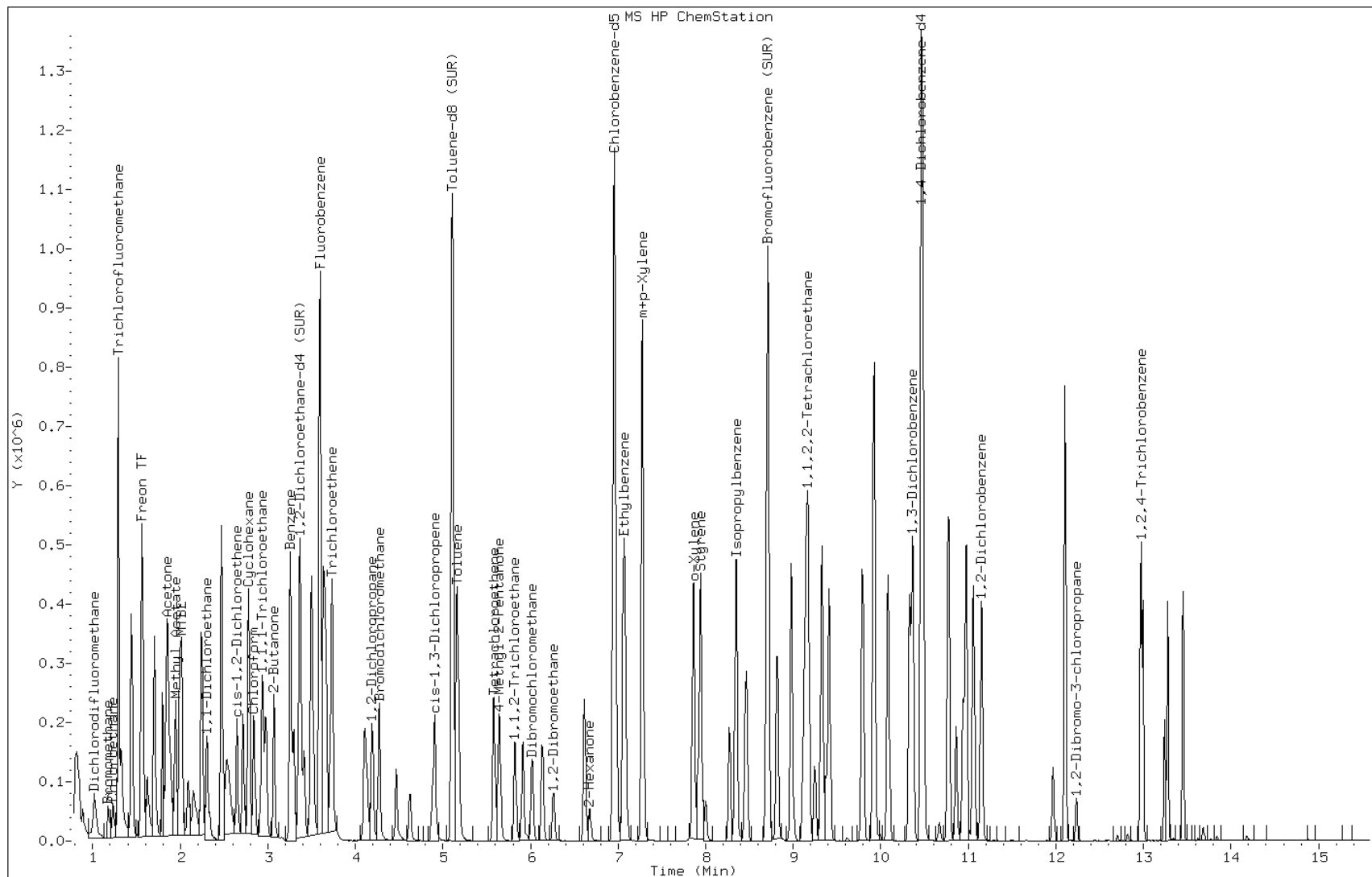
Date: 12-AUG-2012 09:18

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.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-123702/3

Matrix: Water Lab File ID: e06670.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 05:08

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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.060
75-71-8	Dichlorodifluoromethane	16.9		1.0	0.22
74-87-3	Chloromethane	17.9		1.0	0.10
75-01-4	Vinyl chloride	17.5		1.0	0.14
74-83-9	Bromomethane	18.8		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	20.7		1.0	0.40
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.21
75-69-4	Trichlorofluoromethane	18.0		1.0	0.15
75-35-4	1,1-Dichloroethene	18.6		1.0	0.090
78-87-5	1,2-Dichloropropane	19.5		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.8		1.0	0.080
67-64-1	Acetone	20.3		5.0	2.7
75-15-0	Carbon disulfide	18.6		1.0	0.13
79-20-9	Methyl acetate	20.5		2.0	0.34
75-09-2	Methylene Chloride	19.7		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.13
124-48-1	Chlorodibromomethane	19.9		1.0	0.20
1634-04-4	Methyl tert-butyl ether	19.3		1.0	0.14
75-00-3	Chloroethane	20.5		1.0	0.17
75-34-3	1,1-Dichloroethane	18.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.18
78-93-3	2-Butanone (MEK)	19.4		5.0	2.3
67-66-3	Chloroform	18.3		1.0	0.080
100-41-4	Ethylbenzene	18.5		1.0	0.10
110-82-7	Cyclohexane	17.3		1.0	0.16
56-23-5	Carbon tetrachloride	18.0		1.0	0.060
71-43-2	Benzene	19.0		1.0	0.080
107-06-2	1,2-Dichloroethane	19.2		1.0	0.19
79-01-6	Trichloroethene	18.4		1.0	0.090
108-87-2	Methylcyclohexane	17.7		1.0	0.14
75-27-4	Dichlorobromomethane	19.3		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	20.4		5.0	0.99
108-88-3	Toluene	19.2		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123702/3
 Matrix: Water Lab File ID: e06670.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 05:08
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.19
127-18-4	Tetrachloroethene	18.8		1.0	0.10
591-78-6	2-Hexanone	21.9		5.0	0.50
106-93-4	1,2-Dibromoethane	20.2		1.0	0.28
108-90-7	Chlorobenzene	19.2		1.0	0.11
1330-20-7	Xylenes, Total	56.9		3.0	0.36
100-42-5	Styrene	19.2		1.0	0.12
75-25-2	Bromoform	19.5		1.0	0.19
98-82-8	Isopropylbenzene	18.6		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06670.d
 Report Date: 13-Aug-2012 05:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06670.d
 Lab Smp Id: LCS
 Inj Date : 13-AUG-2012 05:08
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.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: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

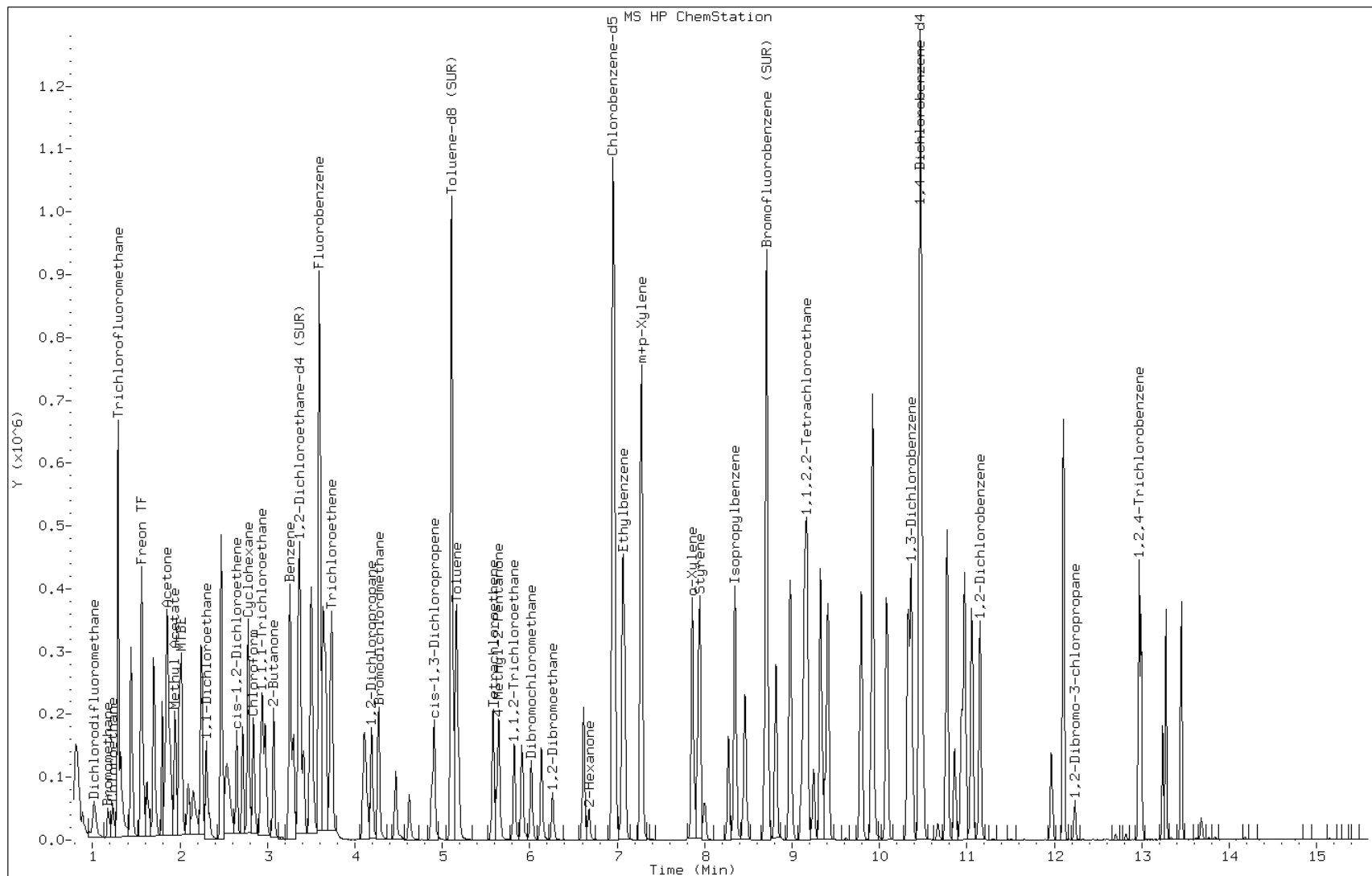
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	50516	16.9090	17	
3 Chloromethane	50	1.010	1.010	(0.281)	56244	17.8857	18	
4 Vinyl Chloride	62	1.016	1.022	(0.283)	52859	17.5286	18	
6 Bromomethane	94	1.175	1.175	(0.327)	43907	18.7914	19	
5 Chloroethane	64	1.230	1.230	(0.342)	38802	20.5180	20	
7 Trichlorofluoromethane	101	1.290	1.297	(0.359)	107600	18.0221	18	
14 Freon TF	101	1.565	1.565	(0.435)	61107	17.7956	18	
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	39859	18.6009	19	
16 Acetone	58	1.888	1.888	(0.525)	6008	20.3245	20	
18 Carbon Disulfide	76	1.559	1.565	(0.434)	187353	18.5672	18	
27 Methyl Acetate	74	1.955	1.955	(0.544)	11350	20.4505	20	
22 Methylene Chloride	49	1.857	1.857	(0.517)	69306	19.6535	20	
28 MTBE	73	2.016	2.016	(0.561)	213113	19.3076	19	
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	49419	18.2619	18	
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	109608	18.6166	19	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	59979	18.8329	19	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06670.d
 Report Date: 13-Aug-2012 05:30

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	9743	19.4374	19
42 Chloroform	83	2.839	2.839	(0.790)	110397	18.2932	18
44 Cyclohexane	56	2.778	2.778	(0.773)	89020	17.3475	17
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	101332	17.8694	18
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	85932	18.0050	18
48 Benzene	78	3.254	3.254	(0.468)	212601	19.0346	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	217285	48.3430	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	91243	19.2342	19
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	750546	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	56233	18.3616	18
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	95028	17.7493	18
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	54626	19.4585	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	90546	19.2666	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	103555	19.8084	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	48346	20.3986	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	719816	48.9916	49
66 Toluene	91	5.162	5.162	(0.742)	268323	19.2277	19
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	99608	19.9624	20
69 1,1,2-Trichloroethane	83	5.820	5.826	(0.837)	42850	20.3471	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	75453	18.8005	19
73 2-Hexanone	43	6.680	6.680	(0.961)	39809	21.8876	22
74 Dibromochloromethane	129	6.015	6.021	(0.865)	77016	19.8637	20
77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	56309	20.1875	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	647666	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	196651	19.1911	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	99998	18.5326	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	257483	37.9369	38
84 o-Xylene	106	7.862	7.862	(1.131)	128630	18.9159	19
85 Styrene	104	7.942	7.942	(1.142)	224962	19.2056	19
86 Bromoform	173	7.917	7.911	(1.139)	56157	19.5378	20
88 Isopropylbenzene	105	8.350	8.350	(1.201)	345868	18.6500	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	338868	48.6343	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	63784	19.6452	20
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	191102	19.0619	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	404851	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	195107	19.0629	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	181616	19.4768	19
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	13512	20.6810	21
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	120736	19.7750	20
M 120 1,2-Dichloroethene (Total)	100				109398	37.0948	37
M 121 Xylene (Total)	100				386114	56.8528	57

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-124030/3

Matrix: Water Lab File ID: e06728.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 06:57

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.: 124030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.060
75-71-8	Dichlorodifluoromethane	17.7		1.0	0.22
74-87-3	Chloromethane	17.6		1.0	0.10
75-01-4	Vinyl chloride	17.9		1.0	0.14
74-83-9	Bromomethane	18.6		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.40
95-50-1	1,2-Dichlorobenzene	18.3		1.0	0.21
75-69-4	Trichlorofluoromethane	18.9		1.0	0.15
75-35-4	1,1-Dichloroethene	22.5		1.0	0.090
78-87-5	1,2-Dichloropropane	19.3		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.2		1.0	0.080
67-64-1	Acetone	17.6		5.0	2.7
75-15-0	Carbon disulfide	17.1		1.0	0.13
79-20-9	Methyl acetate	17.8		2.0	0.34
75-09-2	Methylene Chloride	20.9		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	23.4		1.0	0.13
124-48-1	Chlorodibromomethane	18.3		1.0	0.20
1634-04-4	Methyl tert-butyl ether	17.1		1.0	0.14
75-00-3	Chloroethane	16.8		1.0	0.17
75-34-3	1,1-Dichloroethane	20.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.18
78-93-3	2-Butanone (MEK)	18.4		5.0	2.3
67-66-3	Chloroform	19.7		1.0	0.080
100-41-4	Ethylbenzene	19.7		1.0	0.10
110-82-7	Cyclohexane	15.9		1.0	0.16
56-23-5	Carbon tetrachloride	20.2		1.0	0.060
71-43-2	Benzene	20.8		1.0	0.080
107-06-2	1,2-Dichloroethane	18.6		1.0	0.19
79-01-6	Trichloroethene	21.0		1.0	0.090
108-87-2	Methylcyclohexane	16.1		1.0	0.14
75-27-4	Dichlorobromomethane	18.5		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	17.4		5.0	0.99
108-88-3	Toluene	20.3		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-124030/3
 Matrix: Water Lab File ID: e06728.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 06:57
 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.: 124030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.8		1.0	0.19
127-18-4	Tetrachloroethene	21.7		1.0	0.10
591-78-6	2-Hexanone	17.5		5.0	0.50
106-93-4	1,2-Dibromoethane	19.2		1.0	0.28
108-90-7	Chlorobenzene	19.4		1.0	0.11
1330-20-7	Xylenes, Total	59.0		3.0	0.36
100-42-5	Styrene	19.2		1.0	0.12
75-25-2	Bromoform	18.1		1.0	0.19
98-82-8	Isopropylbenzene	19.1		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.2		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	97		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06728.d
 Report Date: 14-Aug-2012 18:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06728.d
 Lab Smp Id: LCS
 Inj Date : 14-AUG-2012 06:57
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 18:20 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.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	(0.247)	49361	17.7235	18
3 Chloromethane	50	1.010	1.016	(0.281)	51719	17.6392	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	50511	17.9338	18
6 Bromomethane	94	1.175	1.175	(0.327)	39905	18.5713	18
5 Chloroethane	64	1.236	1.230	(0.344)	31317	16.8354	17
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	105533	18.8926	19
14 Freon TF	101	1.571	1.565	(0.437)	54436	16.1630	16
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	46324	22.5443	22
16 Acetone	58	1.888	1.888	(0.525)	4852	17.5516	18
18 Carbon Disulfide	76	1.565	1.565	(0.435)	169894	17.1247	17
27 Methyl Acetate	74	1.961	1.961	(0.546)	11447	17.8462	18
22 Methylene Chloride	49	1.857	1.857	(0.517)	72488	20.9471	21
28 MTBE	73	2.016	2.016	(0.561)	197775	17.1496	17
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	60368	23.4368	23
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	114075	20.0244	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	69584	20.6064	21

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06728.d
 Report Date: 14-Aug-2012 18:20

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	9822	18.4072	18
42 Chloroform	83	2.839	2.839	(0.790)	115523	19.7090	20
44 Cyclohexane	56	2.784	2.778	(0.774)	81790	15.8973	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	108085	19.1630	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	93182	20.2370	20
48 Benzene	78	3.253	3.254	(0.468)	235521	20.8005	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	230206	51.5048	52
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	90662	18.6304	19
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	727585	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	63742	21.0218	21
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	83103	16.0992	16
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	54773	19.2681	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	88475	18.5281	18
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	105763	19.1729	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	50034	17.3719	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	712946	48.7032	49
66 Toluene	91	5.162	5.162	(0.742)	290271	20.3001	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	103552	19.2145	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	43836	18.7536	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	85001	21.7015	22
73 2-Hexanone	43	6.674	6.680	(0.960)	39163	17.4503	17
74 Dibromochloromethane	129	6.021	6.015	(0.866)	75378	18.2836	18
77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	58815	19.2238	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	638793	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	204146	19.4386	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	105450	19.6628	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	270814	39.7381	40
84 o-Xylene	106	7.862	7.862	(1.131)	132542	19.2503	19
85 Styrene	104	7.942	7.942	(1.142)	229087	19.1673	19
86 Bromoform	173	7.911	7.917	(1.138)	57504	18.1474	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	353404	19.1109	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	338257	48.5164	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	65152	17.8250	18
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	191490	18.5435	18
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	405596	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	197045	18.6749	19
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	181286	18.3264	18
112 1,2-Dibromo-3-chloropropane	75	12.233	12.234	(1.169)	13805	17.7675	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	126811	19.2287	19
M 120 1,2-Dichloroethene (Total)	100				129952	44.0432	44
M 121 Xylene (Total)	100				403356	58.9884	59

Data File: e06728.d

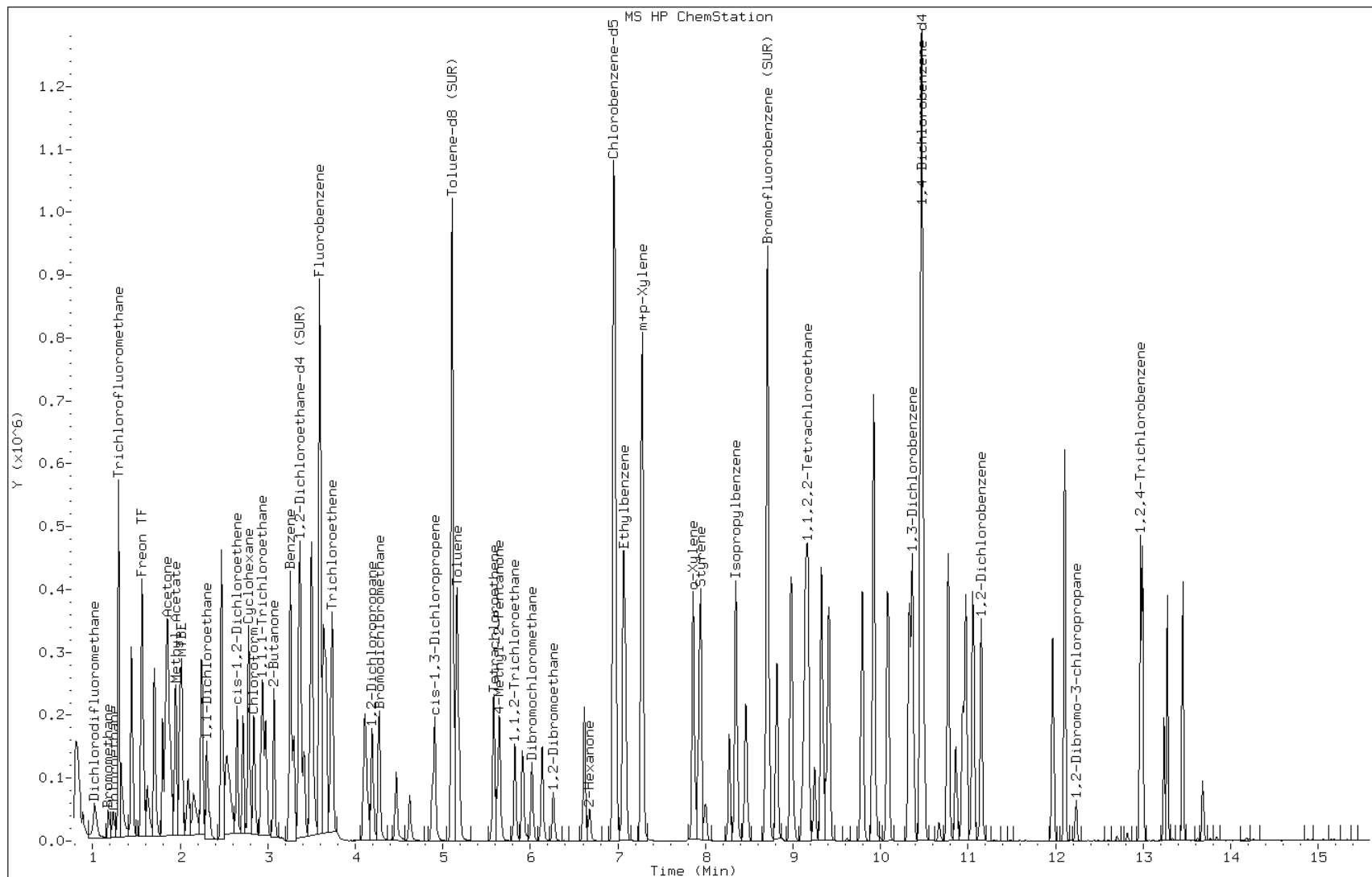
Date: 14-AUG-2012 06:57

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.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-B-4 MS
 Matrix: Water Lab File ID: e06655.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 15:41
 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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	198		10	0.60
75-71-8	Dichlorodifluoromethane	220		10	2.2
74-87-3	Chloromethane	217		10	1.0
75-01-4	Vinyl chloride	209		10	1.4
74-83-9	Bromomethane	207		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	174		10	4.0
95-50-1	1,2-Dichlorobenzene	181		10	2.1
75-69-4	Trichlorofluoromethane	226		10	1.5
75-35-4	1,1-Dichloroethene	213		10	0.90
78-87-5	1,2-Dichloropropane	188		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	164		10	0.80
67-64-1	Acetone	149		50	27
75-15-0	Carbon disulfide	140		10	1.3
79-20-9	Methyl acetate	146		20	3.4
75-09-2	Methylene Chloride	191		10	1.8
156-60-5	trans-1,2-Dichloroethene	193		10	1.3
124-48-1	Chlorodibromomethane	188		10	2.0
1634-04-4	Methyl tert-butyl ether	178		10	1.4
75-00-3	Chloroethane	232		10	1.7
75-34-3	1,1-Dichloroethane	199		10	1.3
156-59-2	cis-1,2-Dichloroethene	195		10	1.8
78-93-3	2-Butanone (MEK)	151		50	23
67-66-3	Chloroform	184		10	0.80
100-41-4	Ethylbenzene	193		10	1.0
110-82-7	Cyclohexane	155		10	1.6
56-23-5	Carbon tetrachloride	198		10	0.60
71-43-2	Benzene	186		10	0.80
107-06-2	1,2-Dichloroethane	198		10	1.9
79-01-6	Trichloroethene	190		10	0.90
108-87-2	Methylcyclohexane	158		10	1.4
75-27-4	Dichlorobromomethane	198		10	1.2
10061-01-5	cis-1,3-Dichloropropene	179		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	161		50	9.9
108-88-3	Toluene	185		10	1.5
10061-02-6	trans-1,3-Dichloropropene	179		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-B-4 MS
 Matrix: Water Lab File ID: e06655.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 15:41
 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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	181		10	1.9
127-18-4	Tetrachloroethene	184		10	1.0
591-78-6	2-Hexanone	156		50	5.0
106-93-4	1,2-Dibromoethane	184		10	2.8
108-90-7	Chlorobenzene	188		10	1.1
1330-20-7	Xylenes, Total	589		30	3.6
100-42-5	Styrene	183		10	1.2
75-25-2	Bromoform	190		10	1.9
98-82-8	Isopropylbenzene	187		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	176		10	1.6
541-73-1	1,3-Dichlorobenzene	181		10	1.4
106-46-7	1,4-Dichlorobenzene	183		10	2.3
120-82-1	1,2,4-Trichlorobenzene	165		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
460-00-4	4-Bromofluorobenzene	101		70-130
2037-26-5	Toluene-d8 (Surr)	103		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06655.d
 Report Date: 13-Aug-2012 04:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06655.d
 Lab Smp Id: 460-43346-B-4 MS Client Smp ID: WG-17338-080912-VAS
 Inj Date : 12-AUG-2012 15:41
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-B-4 MS;10
 Misc Info : 460-43346-B-4
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 12-Aug-2012 10:03 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
 Als bottle: 19 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

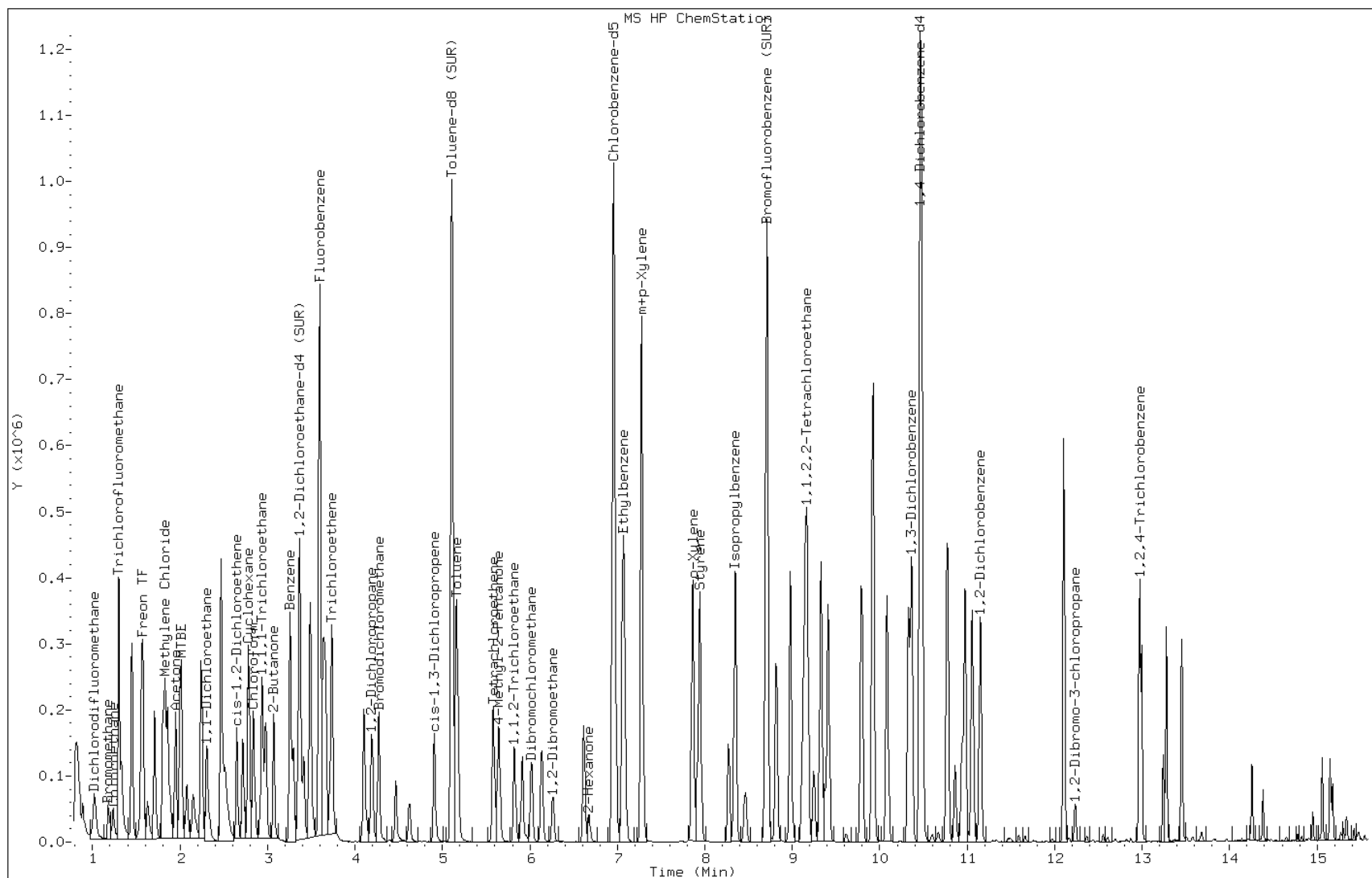
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	58884		21.9653	220
3 Chloromethane	50	1.010	1.010	(0.281)	62644		21.7230	220
4 Vinyl Chloride	62	1.022	1.022	(0.284)	60127		20.9388	210
6 Bromomethane	94	1.175	1.175	(0.327)	44781		20.7420	210
5 Chloroethane	64	1.236	1.230	(0.344)	41962		23.2435	230
7 Trichlorofluoromethane	101	1.303	1.291	(0.362)	120394		22.5670	220
14 Freon TF	101	1.571	1.565	(0.437)	51623		16.4058	160
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	44002		21.2509	210
16 Acetone	58	1.888	1.894	(0.525)	4273		14.9247	150
18 Carbon Disulfide	76	1.571	1.559	(0.437)	93410		13.9650	140
27 Methyl Acetate	74	1.955	1.955	(0.544)	8240		14.6456	150
22 Methylene Chloride	49	1.858	1.852	(0.517)	67551		19.1244	190
28 MTBE	73	2.010	2.016	(0.559)	182129		17.8088	180
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	49231		19.3056	190
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	109332		19.8794	200
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	61333		19.4531	190

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06655.d
 Report Date: 13-Aug-2012 04:26

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		7951	15.0687	150
42 Chloroform	83		2.839	2.839	(0.790)		108006	18.4266	180
44 Cyclohexane	56		2.784	2.778	(0.774)		67593	15.5487	160
43 1,1,1-Trichloroethane	97		2.979	2.973	(0.829)		101583	19.7768	200
45 Carbon Tetrachloride	117		2.931	2.924	(0.815)		88333	19.8370	200
48 Benzene	78		3.260	3.254	(0.469)		208379	18.5766	180
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.357	(0.934)		221094	54.5283	54
49 1,2-Dichloroethane	62		3.412	3.412	(0.949)		87226	19.8097	200
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		695018	50.0000	
54 Trichloroethene	95		3.741	3.735	(1.041)		57387	18.9553	190
56 Methyl cyclohexane	83		3.729	3.723	(1.037)		73270	15.8358	160
57 1,2-Dichloropropane	63		4.192	4.193	(1.166)		52770	18.7883	190
68 Bromodichloromethane	83		4.272	4.272	(1.188)		87984	19.8352	200
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		94483	17.8763	180
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		42335	16.0863	160
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		697376	51.5731	52
66 Toluene	91		5.162	5.162	(0.742)		265088	18.4977	180
64 trans-1,3-Dichloropropene	75		5.649	5.650	(0.812)		90728	17.9301	180
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)		39889	18.0544	180
71 Tetrachloroethene	166		5.582	5.576	(0.803)		74544	18.4132	180
73 2-Hexanone	43		6.680	6.680	(0.961)		34170	15.5977	160
74 Dibromochloromethane	129		6.015	6.015	(0.865)		73055	18.8162	190
77 1,2-Dibromoethane	107		6.259	6.259	(0.900)		52413	18.4155	180
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		611386	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		194286	18.7658	190
81 Ethylbenzene	106		7.064	7.064	(1.016)		103726	19.3434	190
82 m+p-Xylene	106		7.277	7.277	(1.046)		264920	39.2279	390
84 o-Xylene	106		7.862	7.863	(1.131)		132081	19.7015	200
85 Styrene	104		7.942	7.942	(1.142)		214843	18.3357	180
86 Bromoform	173		7.917	7.911	(1.139)		53631	18.9533	190
88 Isopropylbenzene	105		8.344	8.344	(1.200)		342041	18.7037	190
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		333661	50.3114	50
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		61626	17.5981	180
105 1,3-Dichlorobenzene	146		10.332	10.332	(0.987)		185973	18.1494	180
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		387161	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		190549	18.3078	180
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		173979	18.0670	180
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)		11941	17.4014	170
114 1,2,4-Trichlorobenzene	180		12.971	12.971	(1.239)		105167	16.4990	160
M 120 1,2-Dichloroethene (Total)	100						110565	38.7587	390
M 121 Xylene (Total)	100						397001	58.9294	590

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MS

Matrix: Water Lab File ID: e06680.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:02

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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	193		10	0.60
75-71-8	Dichlorodifluoromethane	215		10	2.2
74-87-3	Chloromethane	214		10	1.0
75-01-4	Vinyl chloride	222		10	1.4
74-83-9	Bromomethane	214		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	202		10	4.0
95-50-1	1,2-Dichlorobenzene	197		10	2.1
75-69-4	Trichlorofluoromethane	229		10	1.5
75-35-4	1,1-Dichloroethene	218		10	0.90
78-87-5	1,2-Dichloropropane	206		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	169		10	0.80
67-64-1	Acetone	140		50	27
75-15-0	Carbon disulfide	96.5		10	1.3
79-20-9	Methyl acetate	171		20	3.4
75-09-2	Methylene Chloride	201		10	1.8
156-60-5	trans-1,2-Dichloroethene	191		10	1.3
124-48-1	Chlorodibromomethane	201		10	2.0
1634-04-4	Methyl tert-butyl ether	182		10	1.4
75-00-3	Chloroethane	227		10	1.7
75-34-3	1,1-Dichloroethane	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	214		10	1.8
78-93-3	2-Butanone (MEK)	188		50	23
67-66-3	Chloroform	200		10	0.80
100-41-4	Ethylbenzene	203		10	1.0
110-82-7	Cyclohexane	140		10	1.6
56-23-5	Carbon tetrachloride	200		10	0.60
71-43-2	Benzene	200		10	0.80
107-06-2	1,2-Dichloroethane	200		10	1.9
79-01-6	Trichloroethene	197		10	0.90
108-87-2	Methylcyclohexane	143		10	1.4
75-27-4	Dichlorobromomethane	203		10	1.2
10061-01-5	cis-1,3-Dichloropropene	193		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	207		50	9.9
108-88-3	Toluene	200		10	1.5
10061-02-6	trans-1,3-Dichloropropene	198		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MS
 Matrix: Water Lab File ID: e06680.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:02
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	198		10	1.9
127-18-4	Tetrachloroethene	198		10	1.0
591-78-6	2-Hexanone	202		50	5.0
106-93-4	1,2-Dibromoethane	204		10	2.8
108-90-7	Chlorobenzene	199		10	1.1
1330-20-7	Xylenes, Total	584		30	3.6
100-42-5	Styrene	193		10	1.2
75-25-2	Bromoform	201		10	1.9
98-82-8	Isopropylbenzene	194		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	206		10	1.6
541-73-1	1,3-Dichlorobenzene	194		10	1.4
106-46-7	1,4-Dichlorobenzene	194		10	2.3
120-82-1	1,2,4-Trichlorobenzene	190		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06680.d
 Report Date: 13-Aug-2012 09:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06680.d
 Lab Smp Id: 460-43346-C-13 MS Client Smp ID: WG-17338-080912-VAS
 Inj Date : 13-AUG-2012 09:02
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-C-13 MS;10
 Misc Info : 460-43346-C-13
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 12 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	0.888	0.888	(0.247)	60283		21.4671	210
3 Chloromethane	50	1.010	1.010	(0.281)	63111		21.3511	210
4 Vinyl Chloride	62	1.022	1.022	(0.284)	62940		22.2045	220
6 Bromomethane	94	1.175	1.175	(0.327)	46988		21.3942	210
5 Chloroethane	64	1.230	1.230	(0.342)	40344		22.6956	230
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	128560		22.9079	230
14 Freon TF	101	1.571	1.565	(0.437)	54462		16.8732	170
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	43971		21.8304	220
16 Acetone	58	1.882	1.888	(0.523)	3886		13.9848	140
18 Carbon Disulfide	76	1.565	1.565	(0.435)	91561		9.65353	96(R)
27 Methyl Acetate	74	1.955	1.955	(0.544)	8927		17.1109	170
22 Methylene Chloride	49	1.857	1.857	(0.517)	66592		20.0899	200
28 MTBE	73	2.016	2.016	(0.561)	189116		18.2279	180
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	48688		19.1410	190
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	110642		19.9926	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	63960		21.3656	210

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06680.d
 Report Date: 13-Aug-2012 09:44

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		8877	18.8394	190
42 Chloroform	83		2.839	2.839	(0.790)		113472	20.0038	200
44 Cyclohexane	56		2.778	2.778	(0.773)		67692	14.0337	140
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		102869	19.2992	190
45 Carbon Tetrachloride	117		2.930	2.930	(0.815)		89932	20.0466	200
48 Benzene	78		3.260	3.254	(0.469)		213517	19.9805	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.357	(0.934)		208581	49.3705	49
49 1,2-Dichloroethane	62		3.412	3.412	(0.949)		89169	19.9977	200
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		705483	50.0000	
54 Trichloroethene	95		3.735	3.735	(1.039)		56713	19.7009	200
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		71772	14.2618	140
57 1,2-Dichloropropane	63		4.192	4.192	(1.166)		54438	20.6298	210
68 Bromodichloromethane	83		4.272	4.272	(1.188)		89659	20.2964	200
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		96356	19.2641	190
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		46989	20.7219	210
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		687430	48.9017	49
66 Toluene	91		5.162	5.162	(0.742)		267379	20.0258	200
64 trans-1,3-Dichloropropene	75		5.649	5.649	(0.812)		94656	19.8271	200
69 1,1,2-Trichloroethane	83		5.826	5.826	(0.838)		39913	19.8089	200
71 Tetrachloroethene	166		5.582	5.582	(0.803)		76019	19.7973	200
73 2-Hexanone	43		6.674	6.680	(0.960)		35207	20.2321	200
74 Dibromochloromethane	129		6.015	6.021	(0.865)		74678	20.1309	200
77 1,2-Dibromoethane	107		6.259	6.265	(0.900)		54480	20.4143	200
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		619664	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		195304	19.9209	200
81 Ethylbenzene	106		7.064	7.064	(1.016)		104890	20.3175	200
82 m+p-Xylene	106		7.277	7.277	(1.046)		252238	38.8435	390
84 o-Xylene	106		7.862	7.862	(1.131)		127108	19.5367	200
85 Styrene	104		7.942	7.942	(1.142)		216263	19.2973	190
86 Bromoform	173		7.911	7.911	(1.138)		55174	20.0633	200
88 Isopropylbenzene	105		8.350	8.350	(1.201)		343578	19.3637	190
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		329704	48.6717	49
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		64953	20.5769	200
105 1,3-Dichlorobenzene	146		10.331	10.331	(0.987)		188845	19.3753	190
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		393600	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		193377	19.4339	190
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		178279	19.6654	200
112 1,2-Dibromo-3-chloropropane	75		12.233	12.233	(1.169)		12816	20.1752	200
114 1,2,4-Trichlorobenzene	180		12.971	12.971	(1.239)		112772	18.9985	190
M 120 1,2-Dichloroethene (Total)	100						112648	40.5066	400
M 121 Xylene (Total)	100						379346	58.3802	580

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06680.d

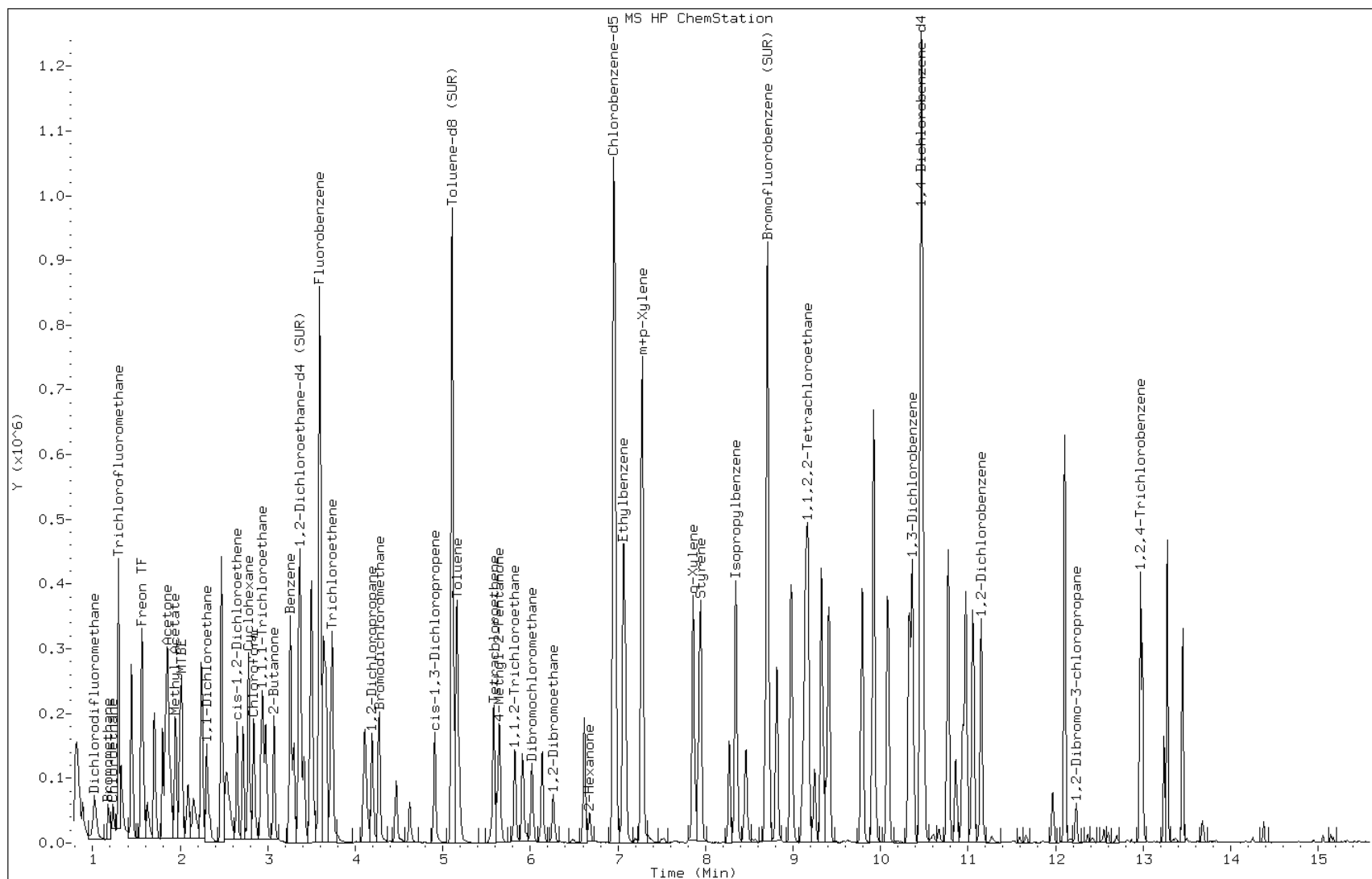
Date: 13-AUG-2012 09:02

Client ID: WG-17338-080912-VAS

Instrument: VOAMS5.i

Sample Info: 460-43346-C-13 MS;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43461-B-4 MS
 Matrix: Water Lab File ID: e06743.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:48
 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.: 124030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	221		10	0.60
75-71-8	Dichlorodifluoromethane	216		10	2.2
74-87-3	Chloromethane	206		10	1.0
75-01-4	Vinyl chloride	210		10	1.4
74-83-9	Bromomethane	218		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	193		10	4.0
95-50-1	1,2-Dichlorobenzene	209		10	2.1
75-69-4	Trichlorofluoromethane	228		10	1.5
75-35-4	1,1-Dichloroethene	298		10	0.90
78-87-5	1,2-Dichloropropane	220		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	193		10	0.80
67-64-1	Acetone	331		50	27
75-15-0	Carbon disulfide	199		10	1.3
79-20-9	Methyl acetate	162		20	3.4
75-09-2	Methylene Chloride	246		10	1.8
156-60-5	trans-1,2-Dichloroethene	277		10	1.3
124-48-1	Chlorodibromomethane	207		10	2.0
1634-04-4	Methyl tert-butyl ether	192		10	1.4
75-00-3	Chloroethane	192		10	1.7
75-34-3	1,1-Dichloroethane	229		10	1.3
156-59-2	cis-1,2-Dichloroethene	232		10	1.8
78-93-3	2-Butanone (MEK)	222		50	23
67-66-3	Chloroform	236		10	0.80
100-41-4	Ethylbenzene	291		10	1.0
110-82-7	Cyclohexane	241		10	1.6
56-23-5	Carbon tetrachloride	243		10	0.60
71-43-2	Benzene	313		10	0.80
107-06-2	1,2-Dichloroethane	226		10	1.9
79-01-6	Trichloroethene	238		10	0.90
108-87-2	Methylcyclohexane	214		10	1.4
75-27-4	Dichlorobromomethane	216		10	1.2
10061-01-5	cis-1,3-Dichloropropene	209		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	189		50	9.9
108-88-3	Toluene	247		10	1.5
10061-02-6	trans-1,3-Dichloropropene	214		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43461-B-4 MS
 Matrix: Water Lab File ID: e06743.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:48
 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.: 124030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	199		10	1.9
127-18-4	Tetrachloroethene	256		10	1.0
591-78-6	2-Hexanone	199		50	5.0
106-93-4	1,2-Dibromoethane	216		10	2.8
108-90-7	Chlorobenzene	222		10	1.1
1330-20-7	Xylenes, Total	677		30	3.6
100-42-5	Styrene	216		10	1.2
75-25-2	Bromoform	206		10	1.9
98-82-8	Isopropylbenzene	230		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	202		10	1.6
541-73-1	1,3-Dichlorobenzene	211		10	1.4
106-46-7	1,4-Dichlorobenzene	212		10	2.3
120-82-1	1,2,4-Trichlorobenzene	195		10	3.4

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06743.d
 Report Date: 14-Aug-2012 22:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06743.d
 Lab Smp Id: 460-43461-B-4 MS
 Inj Date : 14-AUG-2012 12:48
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43461-B-4 MS;10
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 22:09 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.d
 Als bottle: 17 QC Sample: MS
 Dil Factor: 10.00000
 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	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	0.888	0.888	(0.247)	55020		21.6273	220
3 Chloromethane	50	1.010	1.016	(0.281)	55291		20.6442	210
4 Vinyl Chloride	62	1.022	1.022	(0.284)	53966		20.9760	210
6 Bromomethane	94	1.175	1.175	(0.327)	42758		21.7848	220
5 Chloroethane	64	1.230	1.230	(0.342)	32549		19.1562	190
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	116493		22.8306	230
14 Freon TF	101	1.571	1.565	(0.437)	59245		19.2577	190
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	55890		29.7773	300(R)
16 Acetone	58	1.888	1.888	(0.525)	8358		33.1026	330(R)
18 Carbon Disulfide	76	1.565	1.565	(0.435)	180592		19.9277	200
27 Methyl Acetate	74	1.955	1.961	(0.544)	9491		16.2003	160
22 Methylene Chloride	49	1.858	1.857	(0.517)	77662		24.5688	240(R)
28 MTBE	73	2.016	2.016	(0.561)	201984		19.1741	190
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	65076		27.6587	280(R)
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	119021		22.8721	230
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	71479		23.1734	230

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06743.d
 Report Date: 14-Aug-2012 22:10

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	10799	22.1571	220
42 Chloroform	83	2.839	2.839	(0.790)	126256	23.5811	240
44 Cyclohexane	56	2.784	2.778	(0.774)	113086	24.0629	240
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	114108	22.1476	220
45 Carbon Tetrachloride	117	2.931	2.930	(0.815)	102148	24.2863	240(R)
48 Benzene	78	3.260	3.254	(0.469)	329892	31.2767	310(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	209531	51.3211	51
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	100359	22.5771	220
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	664614	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	66049	23.8467	240(R)
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	101040	21.4287	210
57 1,2-Dichloropropane	63	4.193	4.192	(1.166)	57188	22.0241	220
68 Bromodichloromethane	83	4.272	4.272	(1.188)	94151	21.5850	220
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	107528	20.9257	210
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	50761	18.9201	190
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	671161	49.2190	49
66 Toluene	91	5.162	5.162	(0.742)	329105	24.7079	250(R)
64 trans-1,3-Dichloropropene	75	5.650	5.649	(0.812)	107216	21.3568	210
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	43330	19.8997	200
71 Tetrachloroethene	166	5.582	5.582	(0.803)	93418	25.6036	260
73 2-Hexanone	43	6.680	6.680	(0.961)	41565	19.8821	200
74 Dibromochloromethane	129	6.015	6.015	(0.865)	79546	20.7129	210
77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	61689	21.6455	220
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	595053	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	217020	22.1835	220
81 Ethylbenzene	106	7.064	7.064	(1.016)	145314	29.0879	290(R)
82 m+p-Xylene	106	7.277	7.277	(1.046)	289495	45.6019	460
84 o-Xylene	106	7.863	7.862	(1.131)	141922	22.1278	220
85 Styrene	104	7.942	7.942	(1.142)	240458	21.5975	220
86 Bromoform	173	7.911	7.917	(1.138)	60948	20.6484	210
88 Isopropylbenzene	105	8.350	8.350	(1.201)	396411	23.0123	230
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	324464	49.6101	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	69284	20.2069	200
105 1,3-Dichlorobenzene	146	10.332	10.331	(0.987)	204613	21.1222	210
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	380481	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	209968	21.2133	210
111 1,2-Dichlorobenzene	146	11.148	11.154	(1.065)	193606	20.8638	210
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	14057	19.2867	190
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	120776	19.5226	200
M 120 1,2-Dichloroethene (Total)	100				136556	50.8321	510
M 121 Xylene (Total)	100				431418	67.7297	680

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06743.d

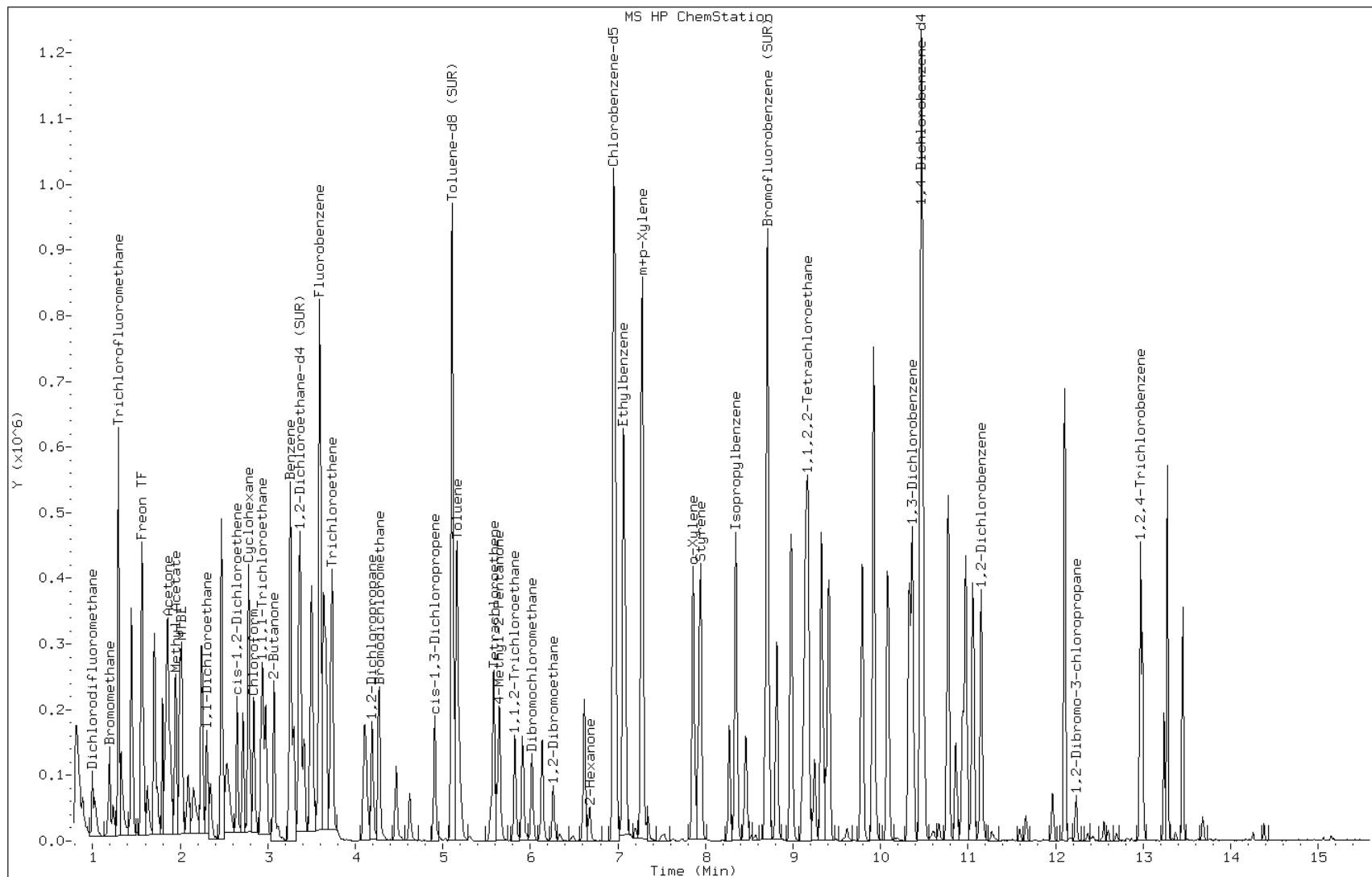
Date: 14-AUG-2012 12:48

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-4 MS;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-B-4 MSD
 Matrix: Water Lab File ID: e06656.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 16:04
 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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	199		10	0.60
75-71-8	Dichlorodifluoromethane	217		10	2.2
74-87-3	Chloromethane	222		10	1.0
75-01-4	Vinyl chloride	210		10	1.4
74-83-9	Bromomethane	212		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	187		10	4.0
95-50-1	1,2-Dichlorobenzene	187		10	2.1
75-69-4	Trichlorofluoromethane	230		10	1.5
75-35-4	1,1-Dichloroethene	215		10	0.90
78-87-5	1,2-Dichloropropane	190		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	166		10	0.80
67-64-1	Acetone	180		50	27
75-15-0	Carbon disulfide	147		10	1.3
79-20-9	Methyl acetate	152		20	3.4
75-09-2	Methylene Chloride	197		10	1.8
156-60-5	trans-1,2-Dichloroethene	199		10	1.3
124-48-1	Chlorodibromomethane	193		10	2.0
1634-04-4	Methyl tert-butyl ether	178		10	1.4
75-00-3	Chloroethane	219		10	1.7
75-34-3	1,1-Dichloroethane	197		10	1.3
156-59-2	cis-1,2-Dichloroethene	197		10	1.8
78-93-3	2-Butanone (MEK)	164		50	23
67-66-3	Chloroform	190		10	0.80
100-41-4	Ethylbenzene	200		10	1.0
110-82-7	Cyclohexane	159		10	1.6
56-23-5	Carbon tetrachloride	201		10	0.60
71-43-2	Benzene	193		10	0.80
107-06-2	1,2-Dichloroethane	201		10	1.9
79-01-6	Trichloroethene	189		10	0.90
108-87-2	Methylcyclohexane	161		10	1.4
75-27-4	Dichlorobromomethane	200		10	1.2
10061-01-5	cis-1,3-Dichloropropene	183		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	164		50	9.9
108-88-3	Toluene	189		10	1.5
10061-02-6	trans-1,3-Dichloropropene	185		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-B-4 MSD
 Matrix: Water Lab File ID: e06656.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2012 16:04
 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.: 123657 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	185		10	1.9
127-18-4	Tetrachloroethene	193		10	1.0
591-78-6	2-Hexanone	159		50	5.0
106-93-4	1,2-Dibromoethane	185		10	2.8
108-90-7	Chlorobenzene	192		10	1.1
1330-20-7	Xylenes, Total	603		30	3.6
100-42-5	Styrene	188		10	1.2
75-25-2	Bromoform	193		10	1.9
98-82-8	Isopropylbenzene	191		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	179		10	1.6
541-73-1	1,3-Dichlorobenzene	185		10	1.4
106-46-7	1,4-Dichlorobenzene	189		10	2.3
120-82-1	1,2,4-Trichlorobenzene	179		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06656.d
 Report Date: 13-Aug-2012 04:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06656.d
 Lab Smp Id: 460-43346-B-4 MSD Client Smp ID: WG-17338-080912-VAS
 Inj Date : 12-AUG-2012 16:04
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-B-4 MSD;10
 Misc Info : 460-43346-B-4
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/8260DE_09.m
 Meth Date : 12-Aug-2012 10:03 audberto Quant Type: ISTD
 Cal Date : 12-AUG-2012 08:31 Cal File: e06637.d
 Als bottle: 20 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 (ug/L)	FINAL (ug/L)
	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	59403	21.7090	220
3 Chloromethane	50	1.010	1.010	(0.281)	65370	22.2080	220
4 Vinyl Chloride	62	1.022	1.022	(0.284)	61595	21.0142	210
6 Bromomethane	94	1.175	1.175	(0.327)	46811	21.2417	210
5 Chloroethane	64	1.236	1.230	(0.344)	40411	21.9297	220
7 Trichlorofluoromethane	101	1.303	1.291	(0.362)	125054	22.9644	230
14 Freon TF	101	1.571	1.565	(0.437)	53185	16.5587	160
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	45446	21.5022	220
16 Acetone	58	1.888	1.894	(0.525)	5256	17.9863	180
18 Carbon Disulfide	76	1.565	1.559	(0.435)	100281	14.6876	150
27 Methyl Acetate	74	1.961	1.955	(0.546)	8708	15.1613	150
22 Methylene Chloride	49	1.857	1.852	(0.517)	71011	19.6957	200
28 MTBE	73	2.010	2.016	(0.559)	186198	17.8369	180
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	51855	19.9215	200
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	110470	19.6783	200
36 cis-1,2-Dichloroethene	96	2.650	2.644	(0.737)	63469	19.7217	200

Data File: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b/e06656.d
 Report Date: 13-Aug-2012 04:27

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone	72		3.071	3.071	(0.854)		8806	16.3502	160
42 Chloroform	83		2.839	2.839	(0.790)		113905	19.0383	190
44 Cyclohexane	56		2.784	2.778	(0.774)		70554	15.9000	160
43 1,1,1-Trichloroethane	97		2.979	2.973	(0.829)		104411	19.9144	200
45 Carbon Tetrachloride	117		2.930	2.924	(0.815)		91442	20.1181	200
48 Benzene	78		3.260	3.254	(0.469)		221034	19.3484	190
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.357	(0.934)		204234	49.3469	49
49 1,2-Dichloroethane	62		3.412	3.412	(0.949)		90343	20.1008	200
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		709428	50.0000	
54 Trichloroethene	95		3.735	3.735	(1.039)		58299	18.8654	190
56 Methyl cyclohexane	83		3.729	3.723	(1.037)		75838	16.0579	160
57 1,2-Dichloropropane	63		4.192	4.193	(1.166)		54410	18.9786	190
68 Bromodichloromethane	83		4.272	4.272	(1.188)		90754	20.0442	200
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		98685	18.3336	180
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		43869	16.3676	160
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		687459	49.9202	50
66 Toluene	91		5.162	5.162	(0.742)		275985	18.9097	190
64 trans-1,3-Dichloropropene	75		5.649	5.650	(0.812)		95432	18.5187	180
69 1,1,2-Trichloroethane	83		5.820	5.820	(0.837)		41696	18.5309	180
71 Tetrachloroethene	166		5.582	5.576	(0.803)		79449	19.2698	190
73 2-Hexanone	43		6.674	6.680	(0.960)		35516	15.9191	160
74 Dibromochloromethane	129		6.015	6.015	(0.865)		76340	19.3067	190
77 1,2-Dibromoethane	107		6.265	6.259	(0.901)		53673	18.5172	180
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		622647	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		202254	19.1820	190
81 Ethylbenzene	106		7.064	7.064	(1.016)		109054	19.9690	200
82 m+p-Xylene	106		7.277	7.277	(1.046)		274649	39.9330	400
84 o-Xylene	106		7.862	7.863	(1.131)		139069	20.3686	200
85 Styrene	104		7.942	7.942	(1.142)		224570	18.8192	190
86 Bromoform	173		7.911	7.911	(1.138)		55747	19.3447	190
88 Isopropylbenzene	105		8.350	8.344	(1.201)		355685	19.0980	190
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		328391	48.7899	49
92 1,1,2,2-Tetrachloroethane	83		9.112	9.112	(0.871)		63545	17.8797	180
105 1,3-Dichlorobenzene	146		10.331	10.332	(0.987)		192387	18.4997	180
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		392928	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		200031	18.9367	190
111 1,2-Dichlorobenzene	146		11.148	11.148	(1.065)		183013	18.7261	190
112 1,2-Dibromo-3-chloropropane	75		12.233	12.234	(1.169)		12995	18.6588	190
114 1,2,4-Trichlorobenzene	180		12.971	12.971	(1.239)		115539	17.8601	180
M 120 1,2-Dichloroethene (Total)	100						115325	39.6432	400
M 121 Xylene (Total)	100						413718	60.3016	600

Data File: e06656.d

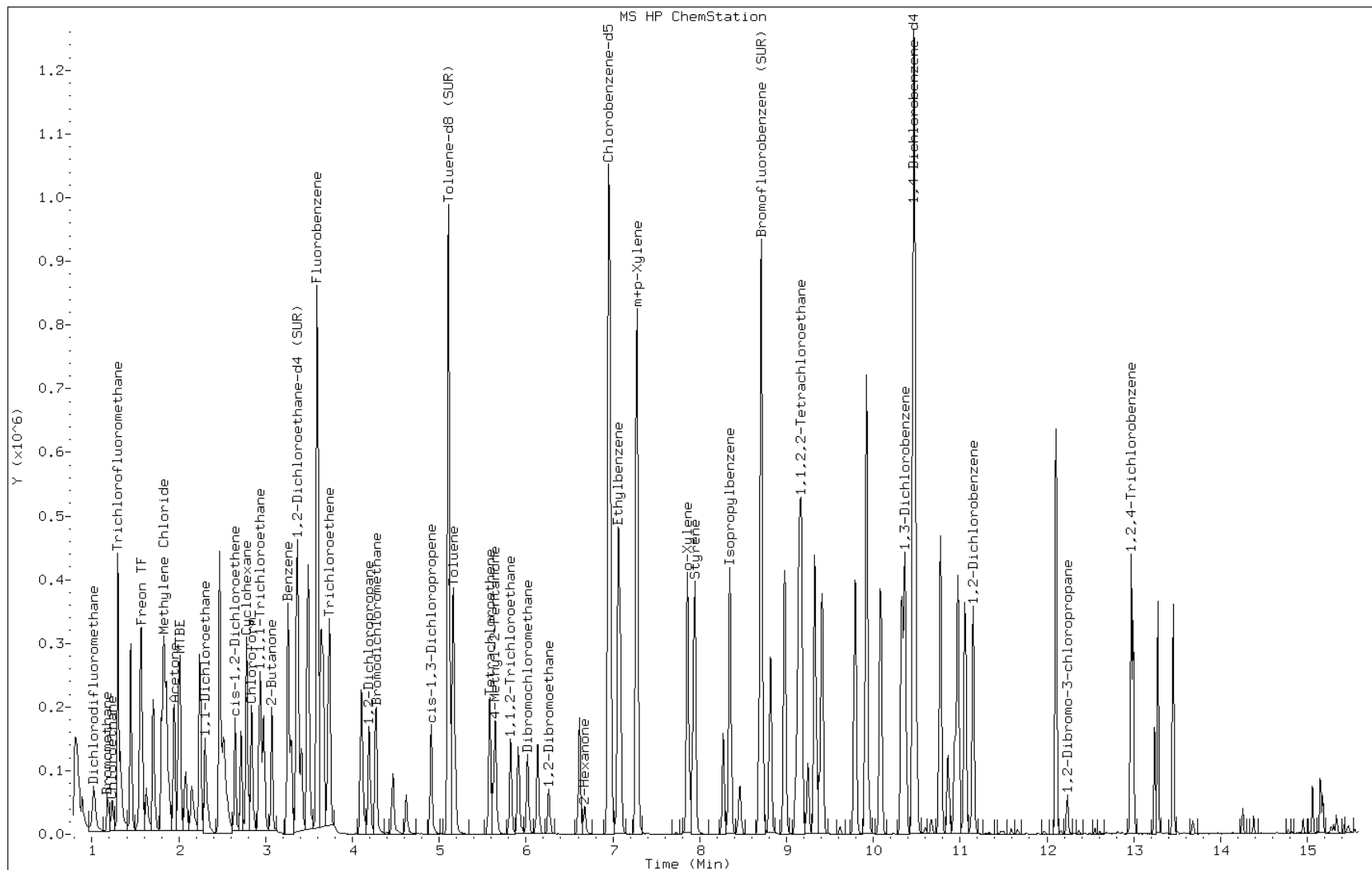
Date: 12-AUG-2012 16:04

Client ID: WG-17338-080912-VAS

Instrument: VOAMS5.i

Sample Info: 460-43346-B-4 MSD;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MSD

Matrix: Water Lab File ID: e06681.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:25

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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	194		10	0.60
75-71-8	Dichlorodifluoromethane	215		10	2.2
74-87-3	Chloromethane	213		10	1.0
75-01-4	Vinyl chloride	215		10	1.4
74-83-9	Bromomethane	216		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	227		10	4.0
95-50-1	1,2-Dichlorobenzene	204		10	2.1
75-69-4	Trichlorofluoromethane	225		10	1.5
75-35-4	1,1-Dichloroethene	225		10	0.90
78-87-5	1,2-Dichloropropane	204		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	168		10	0.80
67-64-1	Acetone	230		50	27
75-15-0	Carbon disulfide	100		10	1.3
79-20-9	Methyl acetate	189		20	3.4
75-09-2	Methylene Chloride	208		10	1.8
156-60-5	trans-1,2-Dichloroethene	199		10	1.3
124-48-1	Chlorodibromomethane	208		10	2.0
1634-04-4	Methyl tert-butyl ether	188		10	1.4
75-00-3	Chloroethane	236		10	1.7
75-34-3	1,1-Dichloroethane	200		10	1.3
156-59-2	cis-1,2-Dichloroethene	213		10	1.8
78-93-3	2-Butanone (MEK)	186		50	23
67-66-3	Chloroform	200		10	0.80
100-41-4	Ethylbenzene	201		10	1.0
110-82-7	Cyclohexane	141		10	1.6
56-23-5	Carbon tetrachloride	203		10	0.60
71-43-2	Benzene	201		10	0.80
107-06-2	1,2-Dichloroethane	206		10	1.9
79-01-6	Trichloroethene	204		10	0.90
108-87-2	Methylcyclohexane	145		10	1.4
75-27-4	Dichlorobromomethane	209		10	1.2
10061-01-5	cis-1,3-Dichloropropene	202		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	213		50	9.9
108-88-3	Toluene	203		10	1.5
10061-02-6	trans-1,3-Dichloropropene	210		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MSD
 Matrix: Water Lab File ID: e06681.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:25
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	212		10	1.9
127-18-4	Tetrachloroethene	202		10	1.0
591-78-6	2-Hexanone	232		50	5.0
106-93-4	1,2-Dibromoethane	210		10	2.8
108-90-7	Chlorobenzene	206		10	1.1
1330-20-7	Xylenes, Total	595		30	3.6
100-42-5	Styrene	199		10	1.2
75-25-2	Bromoform	209		10	1.9
98-82-8	Isopropylbenzene	199		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	217		10	1.6
541-73-1	1,3-Dichlorobenzene	200		10	1.4
106-46-7	1,4-Dichlorobenzene	203		10	2.3
120-82-1	1,2,4-Trichlorobenzene	206		10	3.4

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06681.d
 Report Date: 13-Aug-2012 09:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06681.d
 Lab Smp Id: 460-43346-C-13 MSD Client Smp ID: WG-17338-080912-VAS
 Inj Date : 13-AUG-2012 09:25
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-C-13 MSD;10
 Misc Info : 460-43346-C-13
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 13 QC Sample: MSD
 Dil Factor: 10.00000
 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	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 (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	59366		21.5092	220
3 Chloromethane	50	1.010	1.010	(0.281)	61812		21.2762	210
4 Vinyl Chloride	62	1.022	1.022	(0.284)	59961		21.5226	220
6 Bromomethane	94	1.175	1.175	(0.327)	46609		21.5919	220
5 Chloroethane	64	1.229	1.230	(0.342)	41289		23.6324	240
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	123908		22.4640	220
14 Freon TF	101	1.565	1.565	(0.435)	53376		16.8252	170
15 1,1-Dichloroethene	96	1.546	1.547	(0.430)	44457		22.4569	220
16 Acetone	58	1.888	1.888	(0.525)	6282		23.0041	230
18 Carbon Disulfide	76	1.565	1.565	(0.435)	93440		10.0234	100(R)
27 Methyl Acetate	74	1.955	1.955	(0.544)	9700		18.9182	190
22 Methylene Chloride	49	1.857	1.857	(0.517)	67676		20.7729	210
28 MTBE	73	2.016	2.016	(0.561)	191930		18.8216	190
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	49671		19.8679	200
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	108926		20.0257	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	62607		21.2785	210

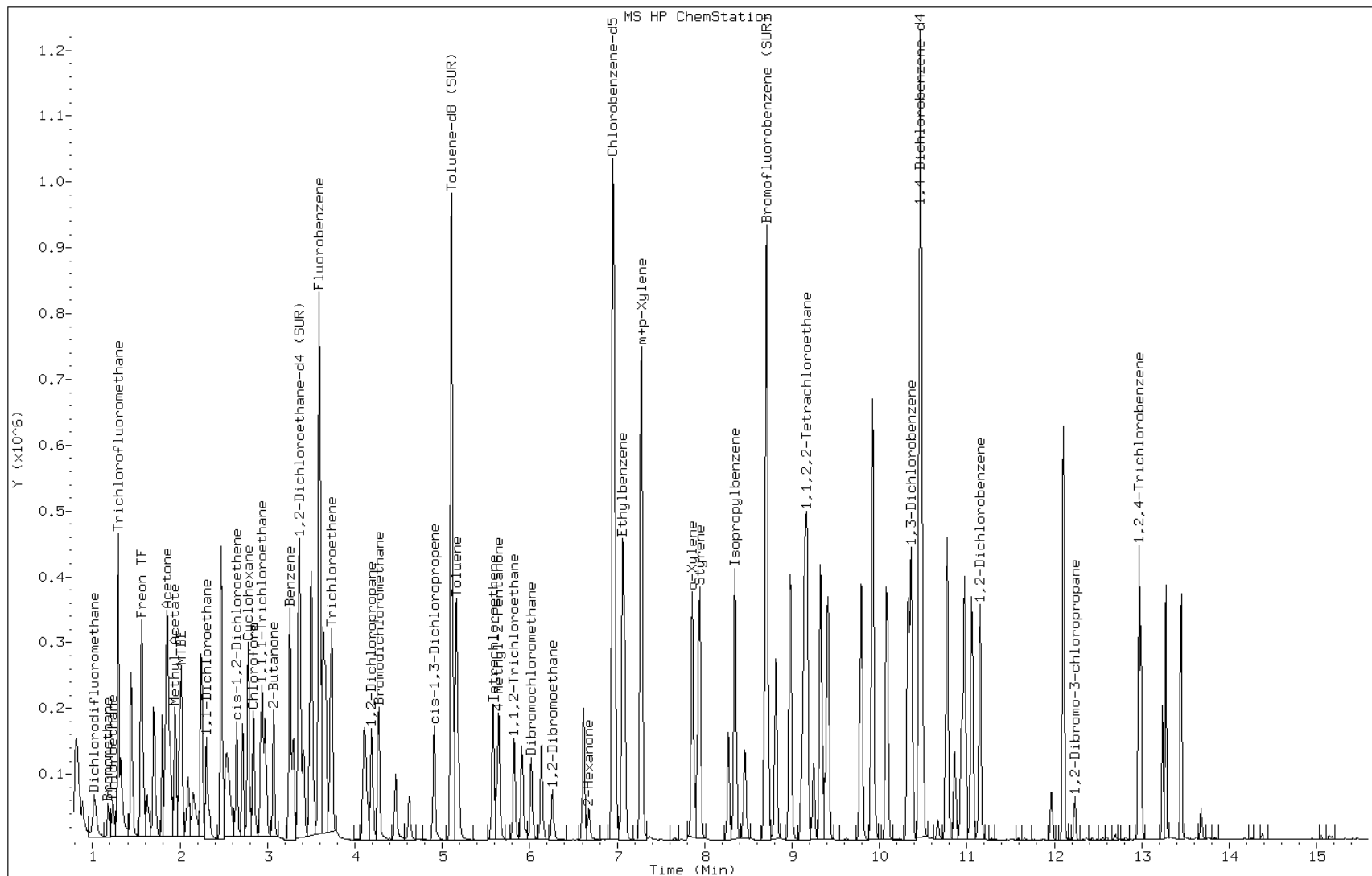
Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06681.d
 Report Date: 13-Aug-2012 09:43

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	8630	18.6349	190
42 Chloroform	83	2.839	2.839	(0.790)	111634	20.0230	200
44 Cyclohexane	56	2.778	2.778	(0.773)	66633	14.0550	140
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	101599	19.3933	190
45 Carbon Tetrachloride	117	2.924	2.930	(0.813)	89609	20.3229	200
48 Benzene	78	3.253	3.254	(0.468)	210494	20.0956	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	209376	50.4225	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	90278	20.5993	200
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	693396	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	57637	20.3709	200
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	71954	14.5472	140
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	52968	20.4227	200
68 Bromodichloromethane	83	4.272	4.272	(1.188)	90530	20.8508	210
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	99164	20.2262	200
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	47240	21.2536	210
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	686857	49.8482	50
66 Toluene	91	5.162	5.162	(0.742)	266294	20.3476	200
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	98056	20.9543	210
69 1,1,2-Trichloroethane	83	5.820	5.826	(0.837)	41942	21.2368	210
71 Tetrachloroethene	166	5.582	5.582	(0.803)	75966	20.1834	200
73 2-Hexanone	43	6.674	6.680	(0.960)	39592	23.2123	230
74 Dibromochloromethane	129	6.015	6.021	(0.865)	75784	20.8419	210
77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	54824	20.9586	210
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	607390	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	198268	20.6319	210
81 Ethylbenzene	106	7.064	7.064	(1.016)	101929	20.1430	200
82 m+p-Xylene	106	7.277	7.277	(1.046)	253511	39.8284	400
84 o-Xylene	106	7.862	7.862	(1.131)	125242	19.6390	200
85 Styrene	104	7.942	7.942	(1.142)	219002	19.9366	200
86 Bromoform	173	7.911	7.911	(1.138)	56284	20.8806	210
88 Isopropylbenzene	105	8.344	8.350	(1.200)	345796	19.8825	200
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	328896	49.8346	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	66750	21.7048	220
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	190296	20.0397	200
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	383474	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	197126	20.3338	200
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	180545	20.4413	200
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	14033	22.6748	230
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	119272	20.6242	210
M 120 1,2-Dichloroethene (Total)	100				112278	41.1463	410
M 121 Xylene (Total)	100				378754	59.4674	590

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-43461-B-4 MSD

Matrix: Water Lab File ID: e06744.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 13:11

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.: 124030 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	234		10	0.60
75-71-8	Dichlorodifluoromethane	200		10	2.2
74-87-3	Chloromethane	198		10	1.0
75-01-4	Vinyl chloride	207		10	1.4
74-83-9	Bromomethane	213		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	210		10	4.0
95-50-1	1,2-Dichlorobenzene	215		10	2.1
75-69-4	Trichlorofluoromethane	211		10	1.5
75-35-4	1,1-Dichloroethene	313		10	0.90
78-87-5	1,2-Dichloropropane	224		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	199		10	0.80
67-64-1	Acetone	355		50	27
75-15-0	Carbon disulfide	215		10	1.3
79-20-9	Methyl acetate	179		20	3.4
75-09-2	Methylene Chloride	253		10	1.8
156-60-5	trans-1,2-Dichloroethene	281		10	1.3
124-48-1	Chlorodibromomethane	219		10	2.0
1634-04-4	Methyl tert-butyl ether	196		10	1.4
75-00-3	Chloroethane	198		10	1.7
75-34-3	1,1-Dichloroethane	241		10	1.3
156-59-2	cis-1,2-Dichloroethene	243		10	1.8
78-93-3	2-Butanone (MEK)	229		50	23
67-66-3	Chloroform	231		10	0.80
100-41-4	Ethylbenzene	296		10	1.0
110-82-7	Cyclohexane	247		10	1.6
56-23-5	Carbon tetrachloride	251		10	0.60
71-43-2	Benzene	328		10	0.80
107-06-2	1,2-Dichloroethane	229		10	1.9
79-01-6	Trichloroethene	250		10	0.90
108-87-2	Methylcyclohexane	221		10	1.4
75-27-4	Dichlorobromomethane	224		10	1.2
10061-01-5	cis-1,3-Dichloropropene	223		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	201		50	9.9
108-88-3	Toluene	257		10	1.5
10061-02-6	trans-1,3-Dichloropropene	221		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43415-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43461-B-4 MSD
 Matrix: Water Lab File ID: e06744.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 13:11
 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.: 124030 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	270		10	1.0
591-78-6	2-Hexanone	197		50	5.0
106-93-4	1,2-Dibromoethane	224		10	2.8
108-90-7	Chlorobenzene	231		10	1.1
1330-20-7	Xylenes, Total	702		30	3.6
100-42-5	Styrene	221		10	1.2
75-25-2	Bromoform	209		10	1.9
98-82-8	Isopropylbenzene	236		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	211		10	1.6
541-73-1	1,3-Dichlorobenzene	221		10	1.4
106-46-7	1,4-Dichlorobenzene	222		10	2.3
120-82-1	1,2,4-Trichlorobenzene	207		10	3.4

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06744.d
 Report Date: 14-Aug-2012 22:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06744.d
 Lab Smp Id: 460-43461-B-4 MSD
 Inj Date : 14-AUG-2012 13:11
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43461-B-4 MSD;10
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/8260DE_09.m
 Meth Date : 14-Aug-2012 22:09 martinez Quant Type: ISTD
 Cal Date : 14-AUG-2012 05:35 Cal File: e06727.d
 Als bottle: 18 QC Sample: MSD
 Dil Factor: 10.00000
 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	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	0.888	0.888	(0.247)	55118	19.9800	200	
3 Chloromethane	50	1.016	1.016	(0.283)	57399	19.7637	200	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	57676	20.6737	210	
6 Bromomethane	94	1.175	1.175	(0.327)	45432	21.3459	210	
5 Chloroethane	64	1.230	1.230	(0.342)	36479	19.7984	200	
7 Trichlorofluoromethane	101	1.290	1.297	(0.359)	116684	21.0888	210	
14 Freon TF	101	1.565	1.565	(0.435)	66377	19.8971	200	
15 1,1-Dichloroethene	96	1.546	1.547	(0.430)	63703	31.2988	310(R)	
16 Acetone	58	1.894	1.888	(0.527)	9710	35.4613	350(R)	
18 Carbon Disulfide	76	1.559	1.565	(0.434)	211313	21.5033	220	
27 Methyl Acetate	74	1.955	1.961	(0.544)	11363	17.8853	180	
22 Methylene Chloride	49	1.857	1.857	(0.517)	86632	25.2740	250(R)	
28 MTBE	73	2.016	2.016	(0.561)	223383	19.5555	200	
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	71630	28.0751	280(R)	
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	136176	24.1328	240	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	81210	24.2796	240(R)	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06744.d
 Report Date: 14-Aug-2012 22:10

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	12094	22.8821	230(R)
42 Chloroform	83	2.839	2.839	(0.790)	133840	23.0526	230
44 Cyclohexane	56	2.778	2.778	(0.773)	125876	24.7003	250
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	130597	23.3758	230
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	114494	25.1034	250(R)
48 Benzene	78	3.253	3.254	(0.468)	365425	32.7582	330(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	216150	48.8228	49
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	110618	22.9488	230
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	720690	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	74972	24.9620	250(R)
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	112757	22.0531	220
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	63162	22.4320	220
68 Bromodichloromethane	83	4.272	4.272	(1.188)	105765	22.3608	220
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	121065	22.2768	220
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	57124	20.1316	200
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	708426	49.1216	49
66 Toluene	91	5.162	5.162	(0.742)	362486	25.7314	260(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	117174	22.0688	220
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	49286	21.4023	210
71 Tetrachloroethene	166	5.582	5.582	(0.803)	104277	27.0229	270
73 2-Hexanone	43	6.680	6.680	(0.961)	43591	19.7153	200
74 Dibromochloromethane	129	6.021	6.015	(0.866)	88940	21.8975	220
77 1,2-Dibromoethane	107	6.259	6.265	(0.900)	67605	22.4289	220
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	629337	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	239476	23.1453	230
81 Ethylbenzene	106	7.064	7.064	(1.016)	156472	29.6152	300(R)
82 m+p-Xylene	106	7.277	7.277	(1.046)	317678	47.3151	470
84 o-Xylene	106	7.862	7.862	(1.131)	155381	22.9066	230
85 Styrene	104	7.942	7.942	(1.142)	260776	22.1464	220
86 Bromoform	173	7.911	7.917	(1.138)	65367	20.9389	210
88 Isopropylbenzene	105	8.350	8.350	(1.201)	430604	23.6355	240
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	333416	49.4565	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	74451	21.0653	210
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	220567	22.0892	220
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	392192	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	226452	22.1955	220
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	205628	21.4977	210
112 1,2-Dibromo-3-chloropropane	75	12.233	12.234	(1.169)	15762	20.9797	210
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	131745	20.6597	210
M 120 1,2-Dichloroethene (Total)	100				152840	52.3547	520
M 121 Xylene (Total)	100				473059	70.2217	700

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06744.d

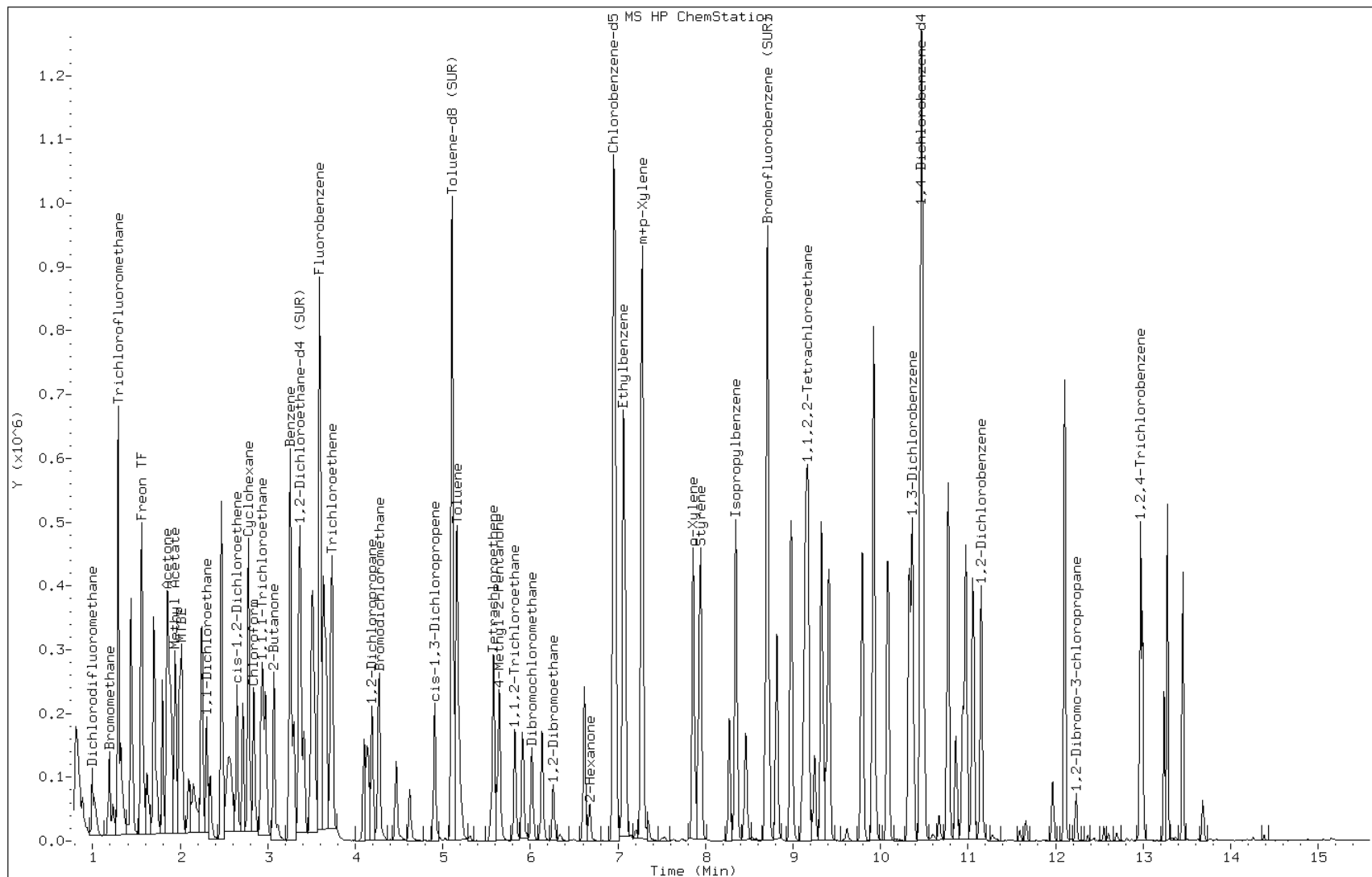
Date: 14-AUG-2012 13:11

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-4 MSD;10

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 07/30/2012 03:47Analysis Batch Number: 121792 End Date: 07/30/2012 09:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-121792/1		07/30/2012 03:47	1	e05997.d	Rtx-VMS 0.18 (mm)
ICIS 460-121792/2		07/30/2012 04:34	1	e05999.d	Rtx-VMS 0.18 (mm)
IC 460-121792/3		07/30/2012 06:31	1	e06003.d	Rtx-VMS 0.18 (mm)
IC 460-121792/4		07/30/2012 06:55	1	e06004.d	Rtx-VMS 0.18 (mm)
IC 460-121792/5		07/30/2012 07:18	1	e06005.d	Rtx-VMS 0.18 (mm)
IC 460-121792/6		07/30/2012 08:52	1	e06009.d	Rtx-VMS 0.18 (mm)
IC 460-121792/7		07/30/2012 09:39	1	e06010.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/12/2012 07:30Analysis Batch Number: 123657 End Date: 08/12/2012 20:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123657/1		08/12/2012 07:30	1	e06636.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123657/2		08/12/2012 08:31	1	e06637.d	Rtx-VMS 0.18 (mm)
LCS 460-123657/3		08/12/2012 09:18	1	e06639.d	Rtx-VMS 0.18 (mm)
MB 460-123657/4		08/12/2012 10:37	1	e06642.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 11:01	1		Rtx-VMS 0.18 (mm)
460-43415-5	TB-17338-081012-231	08/12/2012 11:24	1	e06644.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 11:47	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 12:11	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 12:34	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 12:58	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 13:21	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 13:44	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 14:08	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 14:31	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 14:54	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 15:17	1		Rtx-VMS 0.18 (mm)
460-43346-B-4 MS		08/12/2012 15:41	10	e06655.d	Rtx-VMS 0.18 (mm)
460-43346-B-4 MSD		08/12/2012 16:04	10	e06656.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 17:14	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/12/2012 17:37	1		Rtx-VMS 0.18 (mm)
CCV 460-123657/21		08/12/2012 20:20	1	e06667.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/13/2012 03:54Analysis Batch Number: 123702 End Date: 08/13/2012 16:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123702/1		08/13/2012 03:54	1	e06668.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123702/2		08/13/2012 04:45	1	e06669.d	Rtx-VMS 0.18 (mm)
LCS 460-123702/3		08/13/2012 05:08	1	e06670.d	Rtx-VMS 0.18 (mm)
MB 460-123702/4		08/13/2012 06:41	1	e06674.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 07:05	1		Rtx-VMS 0.18 (mm)
460-43415-1	WG-17338-081012-VASY-MM-227	08/13/2012 07:28	1	e06676.d	Rtx-VMS 0.18 (mm)
460-43415-2	WG-17338-081012-VASY-MM-228	08/13/2012 07:51	1	e06677.d	Rtx-VMS 0.18 (mm)
460-43415-4	WG-17338-081012-VASY-MM-230	08/13/2012 08:38	1	e06679.d	Rtx-VMS 0.18 (mm)
460-43346-C-13 MS		08/13/2012 09:02	10	e06680.d	Rtx-VMS 0.18 (mm)
460-43346-C-13 MSD		08/13/2012 09:25	10	e06681.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 12:55	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 13:18	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 13:41	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 14:05	2		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 14:51	5		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 15:14	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 15:38	5		Rtx-VMS 0.18 (mm)
CCV 460-123702/18		08/13/2012 16:25	1	e06699.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43415-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/14/2012 05:02Analysis Batch Number: 124030 End Date: 08/14/2012 17:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-124030/1		08/14/2012 05:02	1	e06726.d	Rtx-VMS 0.18 (mm)
CCVIS 460-124030/2		08/14/2012 05:35	1	e06727.d	Rtx-VMS 0.18 (mm)
LCS 460-124030/3		08/14/2012 06:57	1	e06728.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 07:20	1		Rtx-VMS 0.18 (mm)
MB 460-124030/5		08/14/2012 08:30	1	e06732.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 08:55	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 09:18	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 09:41	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 10:05	1		Rtx-VMS 0.18 (mm)
460-43415-3	WG-17338-081012-VASY-MM-229	08/14/2012 11:15	1	e06739.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 12:02	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 12:25	1		Rtx-VMS 0.18 (mm)
460-43461-B-4 MS		08/14/2012 12:48	10	e06743.d	Rtx-VMS 0.18 (mm)
460-43461-B-4 MSD		08/14/2012 13:11	10	e06744.d	Rtx-VMS 0.18 (mm)
CCV 460-124030/15		08/14/2012 17:27	1	e06755.d	Rtx-VMS 0.18 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMSS.1
Analytical Batch: /chem/VOAMSS.1/8260DE/07-30-12/30jul12.b

Date Generated: 07/31/2012
Page 1

121792

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	DIL	Sublist	PH	STD	COMMENTS
07/30/12 0347	e05997.d	2	BFB		0	0	1	all			
07/30/12 0434	e05999.d	2	ICIS-VMCAL3		5	0	1	HSLDEL			
07/30/12 0631	e06003.d	6	IC-VMCAL4		5	0	1	HSLDEL			
07/30/12 0655	e06004.d	7	IC-VMCAL5		5	0	1	HSLDEL			
07/30/12 0718	e06005.d	8	IC-VMCAL6		5	0	1	HSLDEL			
07/30/12 0852	e06009.d	12	IC-VMCAL2		5	0	1	HSLDEL			
07/30/12 0939	e06010.d	14	IC-VMCAL1		5	0	1	HSLDEL			

Signed: H. J. J. J. J. Read and Understood by: Edie W.
Date: 07/30/12 Date: 07/30/12

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TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i
Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/12aug12.b

Date Generated: 08/13/2012
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/12/12 0730	e06636.d	2	BFB		10	0	1	all			G
08/12/12 0831	e06637.d	2	CCVIS		10	25	1	HSDEL		8260 HIGH SURR 500: 1663677	G
08/12/12 0855	e06638.d	2	LCS		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	G
08/12/12 0918	e06639.d	3	LCS		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 0951	e06640.d	4	MB		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1014	e06641.d	5	MB		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1037	e06642.d	6	MB		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1101	e06643.d	7	460-43346-B-14	TB-17338-080912-226	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1124	e06644.d	8	460-43415-B-5		5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1147	e06645.d	9	460-43346-B-4	WG-17338-080912-VAS	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1211	e06646.d	10	460-43346-A-5	WG-17338-080912-VAS	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1234	e06647.d	11	460-43346-C-6	WG-17338-080912-VAS	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1258	e06648.d	12	460-43346-B-7	WG-17338-080912-VAS	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA
08/12/12 1321	e06649.d	13	460-43346-B-8	WG-17338-080912-VAS	5	0	1	HSDEL		8260 HIGH SURR 500: 1663677	NA

123657

2X → 25 ml → 50 ml FU.
10X → 5 ml → 50 ml FU.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/12aug12.b

Date Generated: 08/13/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/12/12 1344	e06650.d	14	460-43346-B-9	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1408	e06651.d	15	460-43346-A-10	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1431	e06652.d	16	460-43346-B-1	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1454	e06653.d	17	460-43346-B-2	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1517	e06654.d	18	460-43346-A-3	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1541	e06655.d	19	460-43346-B-4 MS	WG-17338-080912-VAS	5	0	10	HSLDEL	12		C
08/12/12 1604	e06656.d	20	460-43346-B-4 MSD	WG-17338-080912-VAS	5	0	10	HSLDEL	12		C
08/12/12 1627	e06657.d	21	BLANK		5	0	1	HSLDEL	12		C
08/12/12 1651	e06658.d	22	BLANK		5	0	1	HSLDEL	12		NA cleanup.
08/12/12 1714	e06659.d	23	460-43346-C-11	WG-17338-080912-VAS	5	0	1	HSLDEL	12		NA cleanup.
08/12/12 1737	e06660.d	24	460-43346-B-12	WG-17338-080912-VAS	5	0	1	HSLDEL	12		C
08/12/12 1800	e06661.d	25	460-43346-A-13	WG-17338-080912-VAS	5	0	10	HSLDEL	12		C
08/12/12 1824	e06662.d	26	460-43415-A-1		5	0	12	HSLDEL	12		RR 1X
08/12/12 1847	e06663.d	27	460-43415-C-2		5	0	10	HSLDEL	12		RR 1X

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/12aug12.b

Date Generated: 08/13/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/12/12 1910	e06664.d	28	460-43415-B-3		5	0	10	HSIDEL	12		RR QX
08/12/12 1933	e06665.d	29	460-43415-B-4		5	0	1	HSIDEL	12		RR IX Pastelect
08/12/12 1957	e06666.d	30	CCV		5	0	1	HSIDEL	-		Ca (MMA)
08/12/12 2020	e06667.d	31	CCV		5	0	1	HSIDEL	-		Ca

Signed: H. Spayak

Read and Understood by:

Althea Henry

Date: 08/12/12

Date: 8-13-12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b

Date Generated: 08/14/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
08/13/12 0354	e06668.d	2	BFB		0	0	1				
08/13/12 0445	e06669.d	1	CCVIS		5	0	1				
08/13/12 0508	e06670.d	2	LCS		5	0	1				
08/13/12 0555	e06672.d	4	MB		5	0	1				
08/13/12 0618	e06673.d	5	MB		5	0	1				
08/13/12 0641	e06674.d	6	MB		5	0	1				
08/13/12 0705	e06675.d	7	460-43346-C-13	WG-17338-080912-VAS	5	0	1				
08/13/12 0728	e06676.d	8	460-43415-C-1		5	0	1				
08/13/12 0751	e06677.d	9	460-43415-A-2		5	0	1				
08/13/12 0815	e06678.d	10	460-43415-A-3		5	0	2				
08/13/12 0838	e06679.d	11	460-43415-A-4		5	0	1				
08/13/12 0902	e06680.d	12	460-43346-C-13 MS	WG-17338-080912-VAS	5	0	10				
08/13/12 0925	e06681.d	13	460-43346-C-13 MSD	WG-17338-080912-VAS	5	0	10				
08/13/12 1255	e06690.d	22	460-43314-C-2	WG-17338-080912-VAS	5	0	1				

123103

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/13aug12.b

Date Generated: 08/14/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/13/12 1318	e06691.d	23	460-43314-C-4	WG-17338-080812-VAS	5	0	1	HSLDEL			
08/13/12 1341	e06692.d	24	BLANK		5	0	1	HSLDEL	42		4
08/13/12 1405	e06693.d	25	460-43314-C-5	WG-17338-080812-VAS	5	0	2	HSLDEL			4
08/13/12 1428	e06694.d	26	BLANK		5	0	1	HSLDEL	42		4
08/13/12 1451	e06695.d	27	460-43314-C-7	WG-17338-080812-VAS	5	0	5	HSLDEL			4
08/13/12 1514	e06696.d	28	460-43314-C-6	WG-17338-080812-VAS	5	0	1	HSLDEL	42		4
08/13/12 1538	e06697.d	29	460-43314-B-8	WG-17338-080812-VAS	5	0	5	HSLDEL	42		4
08/13/12 1601	e06698.d	29	CCV		5	0	1	HSLDEL			4
08/13/12 1625	e06699.d	30	CCV		5	0	1	HSLDEL			4

Signed: *Ellie Meyer for AT*

Read and Understood by:

Sam Boykin

Date: *08/14/12*

Date: *08/14/12*

Dilutions: 2x - 25ul + 50ul FV
5x - 10ul + 50ul FV
10x - 5ul + 50ul FV

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i
Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b

Date Generated: 08/14/2012
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
08/14/12	0502 e06726.d	2	BFB		0	0	1			all	
08/14/12	0535 e06727.d	1	CCVIS		5	0	1			HSLDEL	6
08/14/12	0657 e06728.d	2	LCS		5	0	1			HSLDEL	6
08/14/12	0720 e06729.d	3	LCSD		5	0	1			HSLDEL	6
08/14/12	0743 e06730.d	4	MB		5	0	1			HSLDEL	6
08/14/12	0807 e06731.d	5	MB		5	0	1			HSLDEL	6
08/14/12	0830 e06732.d	6	MB		5	0	1			HSLDEL	6
08/14/12	0855 e06733.d	7	460-43461-A-6		5	0	1			HSLDEL	6
08/14/12	0918 e06734.d	8	460-43461-A-5		5	0	1			HSLDEL	6
08/14/12	0941 e06735.d	9	460-43461-A-1		5	0	1			HSLDEL	6
08/14/12	1005 e06736.d	10	460-43461-B-2		5	0	1			HSLDEL	6
08/14/12	1028 e06737.d	11	460-43461-B-3		5	0	5			HSLDEL	6
08/14/12	1051 e06738.d	12	460-43461-B-4		5	0	5			HSLDEL	6
08/14/12	1115 e06739.d	13	460-43415-C-3		5	0	1			HSLDEL	6

124030

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1
Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/14aug12w.b

Date Generated: 08/14/2012
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/14/12 1138	e06740.d	14	BLANK		5	0	1	HSIDEL			
08/14/12 1202	e06741.d	15	460-43461-A-3		5	0	1	HSIDEL			NM clean up
08/14/12 1225	e06742.d	16	460-43461-C-4		5	0	1	HSIDEL			6
08/14/12 1248	e06743.d	17	460-43461-B-4 MS		5	0	10	HSIDEL			6
08/14/12 1311	e06744.d	18	460-43461-B-4 MSD		5	0	10	HSIDEL			6
08/14/12 1727	e06755.d	29	CCV		5	0	1	HSIDEL			6

Signed: Ellie May Read and Understood by: S. Allen

Date: 08/14/12

Date: 08/14/12

Dilutions: 5x - 10uL -> 50 uL FV
10x - 5uL -> 50 uL FV

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 1 of 1

Name (for report and invoice) CHAS BORGON		Samplers Name (Printed) M. MYLET		Site/Project Identification GM	
Company CEA		P.O. # 0173338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address 200 DELAWARE AVE		Analysis Turnaround Time Standard ☐ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ 3 DAY		Regulatory Program: DMAC	
City BUFFALO NY		State NY		LAB USE ONLY Project No: 43415	
Phone 716-856-2142		Fax		Job No:	
Sample Identification		Date	Time	Matrix	No. of Cont.
WG-173338-081012-11054-MM-227	8/10/12	0945	WG	3	1
WG-173338-081012-VBS4-MM-228		1016		1	2
WG-173338-081012-VBS4-MM-229		1025		1	3
WG-173338-081012-VBS4-MM-230		1110		1	4
WG-173338-081012-231	8/8/12	1031		2	5
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH Soil: VOC Water:					
Special Instructions					
Relinquished by M. MYLET	Company CEA	Date / Time 8/10/12 1335	Received by William G. Stone		Company TA Inc
Relinquished by Jeffrey	Company TA	Date / Time 8/10/12 1735	Received by 2)		Company TA
Relinquished by Jeffrey	Company TA	Date / Time 8/11/12	Received by 3) d/elle 1120		Company TA
Relinquished by Jeffrey	Company TA	Date / Time 8/11/12	Received by 4)		Company TA

3-DAY RUSH

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43415-1

Login Number: 43415

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

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.	True	423800
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	2.4° C IR#50
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 sample IDs on the containers 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.