

ANALYTICAL REPORT

Job Number: 460-43461-1

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 3:38 PM

Designee for
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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: 460-43461-1

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 8/13/2012 6:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° C.

Except:

The last three digits of the sample ID on containers for samples #'s 1 through 4 are different than what is recorded on the COC.

332 - 232

333 - 233

334 - 234

335 - 235

The prefix on all sample IDs is GW on containers but WG on the COC.

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 460-43461-1 through 460-43461-6 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/14/2012.

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: 460-43461-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-43461-1	WG-17338-081312-VAS8-MM-3 32	Water	08/13/2012 0950	08/13/2012 1830
460-43461-2	WG-17338-081312-VAS8-MM-3 33	Water	08/13/2012 1000	08/13/2012 1830
460-43461-3	WG-17338-081312-VAS8-MM-3 34	Water	08/13/2012 1010	08/13/2012 1830
460-43461-4	WG-17338-081312-VAS8-MM-3 35	Water	08/13/2012 1050	08/13/2012 1830
460-43461-4MS	WG-17338-081312-VAS8-MM-3 35	Water	08/13/2012 1050	08/13/2012 1830
460-43461-4MSD	WG-17338-081312-VAS8-MM-3 35	Water	08/13/2012 1050	08/13/2012 1830
460-43461-5	TB-17338-081312-336	Water	08/13/2012 0000	08/13/2012 1830
460-43461-6	TB-17338-081312-337	Water	08/13/2012 0000	08/13/2012 1830

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43461-1	WG-17338-081312-VAS8-MM-332					
2-Butanone (MEK)		13		5.0	ug/L	8260B
Ethylbenzene		38		1.0	ug/L	8260B
Cyclohexane		20		1.0	ug/L	8260B
Benzene		130		1.0	ug/L	8260B
1,2-Dichloroethane		0.90	J	1.0	ug/L	8260B
Methylcyclohexane		25		1.0	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		1.2	J	5.0	ug/L	8260B
Toluene		7.2		1.0	ug/L	8260B
Xylenes, Total		1.2	J	3.0	ug/L	8260B
Styrene		0.75	J	1.0	ug/L	8260B
Isopropylbenzene		22		1.0	ug/L	8260B
460-43461-2	WG-17338-081312-VAS8-MM-333					
Ethylbenzene		24		1.0	ug/L	8260B
Cyclohexane		21		1.0	ug/L	8260B
Benzene		120		1.0	ug/L	8260B
1,2-Dichloroethane		0.79	J	1.0	ug/L	8260B
Methylcyclohexane		30		1.0	ug/L	8260B
Toluene		4.7		1.0	ug/L	8260B
Xylenes, Total		1.1	J	3.0	ug/L	8260B
Styrene		0.49	J	1.0	ug/L	8260B
Isopropylbenzene		25		1.0	ug/L	8260B
460-43461-3	WG-17338-081312-VAS8-MM-334					
2-Butanone (MEK)		8.0		5.0	ug/L	8260B
Ethylbenzene		20		1.0	ug/L	8260B
Cyclohexane		28		1.0	ug/L	8260B
Benzene		130		1.0	ug/L	8260B
1,2-Dichloroethane		0.78	J	1.0	ug/L	8260B
Methylcyclohexane		24		1.0	ug/L	8260B
Toluene		4.4		1.0	ug/L	8260B
Xylenes, Total		1.1	J	3.0	ug/L	8260B
Styrene		0.42	J	1.0	ug/L	8260B
Isopropylbenzene		27		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43461-4	WG-17338-081312-VAS8-MM-335					
Acetone		54		5.0	ug/L	8260B
2-Butanone (MEK)		15		5.0	ug/L	8260B
Ethylbenzene		55		1.0	ug/L	8260B
Cyclohexane		45		1.0	ug/L	8260B
Benzene		71		1.0	ug/L	8260B
Methylcyclohexane		11		1.0	ug/L	8260B
Toluene		15		1.0	ug/L	8260B
Xylenes, Total		2.2	J	3.0	ug/L	8260B
Styrene		1.0		1.0	ug/L	8260B
Isopropylbenzene		8.8		1.0	ug/L	8260B
460-43461-5	TB-17338-081312-336					
Toluene		0.18	J	1.0	ug/L	8260B
460-43461-6	TB-17338-081312-337					
Toluene		0.19	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

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: 460-43461-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-332

Lab Sample ID: 460-43461-1

Date Sampled: 08/13/2012 0950

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06735.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0941			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0941				

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)	13		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	38		0.10	1.0
Cyclohexane	20		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	130		0.080	1.0
1,2-Dichloroethane	0.90	J	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	25		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)	1.2	J	0.99	5.0
Toluene	7.2		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	1.2	J	0.36	3.0
Styrene	0.75	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	22		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: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-332

Lab Sample ID: 460-43461-1

Date Sampled: 08/13/2012 0950

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06735.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0941			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0941				

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)	109		70 - 130
4-Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-332

Lab Sample ID: 460-43461-1

Date Sampled: 08/13/2012 0950

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06735.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0941			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0941				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	1.00	97	J
	C5H12 Alkane	1.21	130	J
	C5H10 Cycloalkane	1.74	77	J
	C6H10 Cycloalkene	2.22	27	J
	C6H12 Cycloalkane	2.35	47	J
496-11-7	Indane	10.77	22	J N
	Ethyl dimethylbenzene isomer	11.59	23	J
	2,3-dihydro-methyl-1H-Indene isomer	11.66	35	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	22	J
91-20-3	Naphthalene	13.28	22	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-333

Lab Sample ID: 460-43461-2

Date Sampled: 08/13/2012 1000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06736.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1005			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1005				

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	24		0.10	1.0
Cyclohexane	21		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	120		0.080	1.0
1,2-Dichloroethane	0.79	J	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	4.7		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	1.1	J	0.36	3.0
Styrene	0.49	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	25		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: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-333

Lab Sample ID: 460-43461-2

Date Sampled: 08/13/2012 1000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06736.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1005			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1005				

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)	111		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-333

Lab Sample ID: 460-43461-2

Date Sampled: 08/13/2012 1000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06736.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1005			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1005				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
-1	C4H10 Alkane	1.00	150	J
	C5H12 Alkane	1.21	210	J
	C6H14 Alkane	1.74	110	J
	C6H14 Alkane	1.86	33	J N
	C6H10 Cycloalkene	2.22	35	J
	C6H12 Cycloalkane	2.35	50	J
	Ethyl dimethylbenzene isomer	11.59	27	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	41	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	27	J
91-20-3	Naphthalene	13.28	29	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-334

Lab Sample ID: 460-43461-3

Date Sampled: 08/13/2012 1010

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06741.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1202			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1202				

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)	8.0		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	20		0.10	1.0
Cyclohexane	28		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	130		0.080	1.0
1,2-Dichloroethane	0.78	J	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	24		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	4.4		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	1.1	J	0.36	3.0
Styrene	0.42	J	0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	27		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-334

Lab Sample ID: 460-43461-3

Date Sampled: 08/13/2012 1010

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06741.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1202			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1202				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
4-Bromofluorobenzene	102		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-334

Lab Sample ID: 460-43461-3

Date Sampled: 08/13/2012 1010

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06741.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1202			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1202				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	1.00	140	J
	C5H12 Alkane	1.21	190	J
	C5H10 Cycloalkane	1.74	100	J
	C6H10 Cycloalkene	2.22	36	J
	C6H12 Cycloalkane	2.35	50	J
496-11-7	Indane	10.77	22	J N
	Ethyl dimethylbenzene isomer	11.59	25	J
	C10H12 Aromatic	11.67	40	J
	2,3-dihydro-methyl-1H-Indene isomer	12.55	26	J
91-20-3	Naphthalene	13.28	29	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-335

Lab Sample ID: 460-43461-4

Date Sampled: 08/13/2012 1050

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06742.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1225			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1225				

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	54		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)	15		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	55		0.10	1.0
Cyclohexane	45		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	71		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	11		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	15		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	2.2	J	0.36	3.0
Styrene	1.0		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	8.8		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: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-335

Lab Sample ID: 460-43461-4

Date Sampled: 08/13/2012 1050

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06742.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1225			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1225				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
4-Bromofluorobenzene	98		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: WG-17338-081312-VAS8-MM-335

Lab Sample ID: 460-43461-4

Date Sampled: 08/13/2012 1050

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06742.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1225			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1225				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	1.00	91	J
	C5H12 Alkane	1.20	97	J
	C5H10 Cycloalkane	1.75	120	J
	C6H12 Cycloalkane	2.35	120	J
	Unknown	3.56	50	J
	Unknown-1	5.20	71	J
	Unknown-2	5.54	19	J
496-11-7	Indane	10.77	17	J N
	C10H12 Aromatic	11.66	11	J
91-20-3	Naphthalene	13.28	24	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: TB-17338-081312-336

Lab Sample ID: 460-43461-5

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06734.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0918			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0918				

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	0.18	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	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: 460-43461-1

Client Sample ID: TB-17338-081312-336

Lab Sample ID: 460-43461-5

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06734.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0918			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0918				

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	99		70 - 130
Toluene-d8 (Surr)	96		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: TB-17338-081312-336

Lab Sample ID: 460-43461-5

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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: e06734.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 08/14/2012 0918

Final Weight/Volume: 5 mL

Prep Date: 08/14/2012 0918

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: TB-17338-081312-337

Lab Sample ID: 460-43461-6

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06733.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0855			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0855				

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	0.19	J	0.15	1.0
trans-1,3-Dichloropropene	0.24	U	0.24	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0
Tetrachloroethene	0.10	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: 460-43461-1

Client Sample ID: TB-17338-081312-337

Lab Sample ID: 460-43461-6

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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:	e06733.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0855			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0855				

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Client Sample ID: TB-17338-081312-337

Lab Sample ID: 460-43461-6

Date Sampled: 08/13/2012 0000

Client Matrix: Water

Date Received: 08/13/2012 1830

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: e06733.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 08/14/2012 0855

Final Weight/Volume: 5 mL

Prep Date: 08/14/2012 0855

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: 460-43461-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-43461-1	WG-17338-081312-V AS8-MM-332	109	98	97
460-43461-2	WG-17338-081312-V AS8-MM-333	111	99	98
460-43461-3	WG-17338-081312-V AS8-MM-334	110	101	102
460-43461-4	WG-17338-081312-V AS8-MM-335	107	97	98
460-43461-5	TB-17338-081312-33 6	103	96	99
460-43461-6	TB-17338-081312-33 7	105	99	100
MB 460-124030/5		106	100	99
LCS 460-124030/3		103	97	97
460-43461-4 MS	WG-17338-081312-V AS8-MM-335 MS	103	98	99
460-43461-4 MSD	WG-17338-081312-V AS8-MM-335 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: 460-43461-1

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: 460-43461-1

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: 460-43461-1

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: 460-43461-1

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: 460-43461-1

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

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43461-4
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: 460-43461-4
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: 460-43461-1

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

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-43461-4	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06743.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1248			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1248				
Leach Date:	N/A				

MSD Lab Sample ID:	460-43461-4	Analysis Batch:	460-124030	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06744.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 1311			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 1311				
Leach Date:	N/A				

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: 460-43461-1

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

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43461-4 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: 460-43461-4
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: 460-43461-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-124030

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-43461-4 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: 460-43461-4
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: 460-43461-1

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: 460-43461-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-124030					
LCS 460-124030/3	Lab Control Sample	T	Water	8260B	
MB 460-124030/5	Method Blank	T	Water	8260B	
460-43461-1	WG-17338-081312-VAS8-MM-332	T	Water	8260B	
460-43461-2	WG-17338-081312-VAS8-MM-333	T	Water	8260B	
460-43461-3	WG-17338-081312-VAS8-MM-334	T	Water	8260B	
460-43461-4	WG-17338-081312-VAS8-MM-335	T	Water	8260B	
460-43461-4MS	Matrix Spike	T	Water	8260B	
460-43461-4MSD	Matrix Spike Duplicate	T	Water	8260B	
460-43461-5	TB-17338-081312-336	T	Water	8260B	
460-43461-6	TB-17338-081312-337	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Laboratory Chronicle

Lab ID: 460-43461-1

Client ID: WG-17338-081312-VAS8-MM-332

Sample Date/Time: 08/13/2012 09:50

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-A-1		460-124030		08/14/2012 09:41	1	TAL EDI	EM
A:8260B	460-43461-A-1		460-124030		08/14/2012 09:41	1	TAL EDI	EM

Lab ID: 460-43461-2

Client ID: WG-17338-081312-VAS8-MM-333

Sample Date/Time: 08/13/2012 10:00

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-B-2		460-124030		08/14/2012 10:05	1	TAL EDI	EM
A:8260B	460-43461-B-2		460-124030		08/14/2012 10:05	1	TAL EDI	EM

Lab ID: 460-43461-3

Client ID: WG-17338-081312-VAS8-MM-334

Sample Date/Time: 08/13/2012 10:10

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-A-3		460-124030		08/14/2012 12:02	1	TAL EDI	EM
A:8260B	460-43461-A-3		460-124030		08/14/2012 12:02	1	TAL EDI	EM

Lab ID: 460-43461-4

Client ID: WG-17338-081312-VAS8-MM-335

Sample Date/Time: 08/13/2012 10:50

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-C-4		460-124030		08/14/2012 12:25	1	TAL EDI	EM
A:8260B	460-43461-C-4		460-124030		08/14/2012 12:25	1	TAL EDI	EM

Lab ID: 460-43461-4

Client ID: WG-17338-081312-VAS8-MM-335

Sample Date/Time: 08/13/2012 10:50

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
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

Lab ID: 460-43461-4

Client ID: WG-17338-081312-VAS8-MM-335

Sample Date/Time: 08/13/2012 10:50

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Laboratory Chronicle

Lab ID: 460-43461-5

Client ID: TB-17338-081312-336

Sample Date/Time: 08/13/2012 00:00

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-A-5		460-124030		08/14/2012 09:18	1	TAL EDI	EM
A:8260B	460-43461-A-5		460-124030		08/14/2012 09:18	1	TAL EDI	EM

Lab ID: 460-43461-6

Client ID: TB-17338-081312-337

Sample Date/Time: 08/13/2012 00:00

Received Date/Time: 08/13/2012 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43461-A-6		460-124030		08/14/2012 08:55	1	TAL EDI	EM
A:8260B	460-43461-A-6		460-124030		08/14/2012 08:55	1	TAL EDI	EM

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 460-124030/5		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 460-124030/3		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 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.: 460-43461-1
 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-17338-081312-VA S8-MM-332	460-43461-1	109	98	97
WG-17338-081312-VA S8-MM-333	460-43461-2	111	99	98
WG-17338-081312-VA S8-MM-334	460-43461-3	110	101	102
WG-17338-081312-VA S8-MM-335	460-43461-4	107	97	98
TB-17338-081312-33 6	460-43461-5	103	96	99
TB-17338-081312-33 7	460-43461-6	105	99	100
	MB 460-124030/5	106	100	99
	LCS 460-124030/3	103	97	97
WG-17338-081312-VA S8-MM-335 MS	460-43461-4 MS	103	98	99
WG-17338-081312-VA S8-MM-335 MSD	460-43461-4 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.: 460-43461-1
 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.: 460-43461-1
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.: 460-43461-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06743.d
 Lab ID: 460-43461-4 MS Client ID: WG-17338-081312-VAS8-MM-335 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.060 U	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.: 460-43461-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06743.d
Lab ID: 460-43461-4 MS Client ID: WG-17338-081312-VAS8-MM-335 MS

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.: 460-43461-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06744.d
 Lab ID: 460-43461-4 MSD Client ID: WG-17338-081312-VAS8-MM-335 MSD

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.: 460-43461-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06744.d
 Lab ID: 460-43461-4 MSD Client ID: WG-17338-081312-VAS8-MM-335 MSD

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.: 460-43461-1
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
TB-17338-081312-337	460-43461-6	e06733.d	08/14/2012 08:55
TB-17338-081312-336	460-43461-5	e06734.d	08/14/2012 09:18
WG-17338-081312-VAS8-MM-332	460-43461-1	e06735.d	08/14/2012 09:41
WG-17338-081312-VAS8-MM-333	460-43461-2	e06736.d	08/14/2012 10:05
WG-17338-081312-VAS8-MM-334	460-43461-3	e06741.d	08/14/2012 12:02
WG-17338-081312-VAS8-MM-335	460-43461-4	e06742.d	08/14/2012 12:25
WG-17338-081312-VAS8-MM-335 MS	460-43461-4 MS	e06743.d	08/14/2012 12:48
WG-17338-081312-VAS8-MM-335 MSD	460-43461-4 MSD	e06744.d	08/14/2012 13:11

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

Lab Name: TestAmerica Edison Job No.: 460-43461-1
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.: 460-43461-1
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
TB-17338-081312-337	460-43461-6	e06733.d	08/14/2012	08:55
TB-17338-081312-336	460-43461-5	e06734.d	08/14/2012	09:18
WG-17338-081312-VAS8-MM-332	460-43461-1	e06735.d	08/14/2012	09:41
WG-17338-081312-VAS8-MM-333	460-43461-2	e06736.d	08/14/2012	10:05
WG-17338-081312-VAS8-MM-334	460-43461-3	e06741.d	08/14/2012	12:02
WG-17338-081312-VAS8-MM-335	460-43461-4	e06742.d	08/14/2012	12:25
WG-17338-081312-VAS8-MM-335 MS	460-43461-4 MS	e06743.d	08/14/2012	12:48
WG-17338-081312-VAS8-MM-335 MSD	460-43461-4 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.: 460-43461-1
 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
460-43461-6	TB-17338-081312-337	676037	3.60	590035	6.95	366213	10.47
460-43461-5	TB-17338-081312-336	654126	3.60	592110	6.95	380910	10.47
460-43461-1	WG-17338-081312-VAS8-MM-332	669319	3.59	582825	6.95	375834	10.47
460-43461-2	WG-17338-081312-VAS8-MM-333	676342	3.60	593175	6.95	384506	10.47
460-43461-3	WG-17338-081312-VAS8-MM-334	663918	3.59	575682	6.95	368546	10.47
460-43461-4	WG-17338-081312-VAS8-MM-335	670175	3.60	589610	6.95	373830	10.47
460-43461-4 MS	WG-17338-081312-VAS8-MM-335 MS	664614	3.60	595053	6.95	380481	10.47
460-43461-4 MSD	WG-17338-081312-VAS8-MM-335 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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-1
 Matrix: Water Lab File ID: e06735.d
 Analysis Method: 8260B Date Collected: 08/13/2012 09:50
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 09:41
 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.: 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)	13		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	38		1.0	0.10
110-82-7	Cyclohexane	20		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	130		1.0	0.080
107-06-2	1,2-Dichloroethane	0.90	J	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	25		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)	1.2	J	5.0	0.99
108-88-3	Toluene	7.2		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-1
 Matrix: Water Lab File ID: e06735.d
 Analysis Method: 8260B Date Collected: 08/13/2012 09:50
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 09:41
 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.: 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	1.2	J	3.0	0.36
100-42-5	Styrene	0.75	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	22		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)	109		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-1
 Matrix: Water Lab File ID: e06735.d
 Analysis Method: 8260B Date Collected: 08/13/2012 09:50
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 09:41
 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.: 124030 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 502

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	97	J
	C5H12 Alkane	1.21	130	J
	C5H10 Cycloalkane	1.74	77	J
	C6H10 Cycloalkene	2.22	27	J
	C6H12 Cycloalkane	2.35	47	J
496-11-7	Indane	10.77	22	J N
	Ethyl dimethylbenzene isomer	11.59	23	J
	2,3-dihydro-methyl-1H-Indene isomer	11.66	35	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	22	J
91-20-3	Naphthalene	13.28	22	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06735.d
 Report Date: 15-Aug-2012 09:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06735.d
 Lab Smp Id: 460-43461-A-1
 Inj Date : 14-AUG-2012 09:41
 Operator : GC/MS VOAMS5
 Smp Info : 460-43461-A-1
 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 05:35 Cal File: e06727.d
 Als bottle: 9
 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)	
38 2-Butanone	72	3.065	3.071	(0.852)	6814	13.0875	13	
44 Cyclohexane	56	2.784	2.778	(0.774)	89530	19.7603	20	
48 Benzene	78	3.260	3.260	(0.469)	1534298	126.106	130	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	217683	54.4325	54	
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	4477	0.90101	0.90(a)	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	669319	50.0000		
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	111673	24.5614	24	
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	2757	1.15213	1.2(a)	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	649947	49.0473	49	
66 Toluene	91	5.162	5.162	(0.742)	108494	7.20752	7.2	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	582825	50.0000		
81 Ethylbenzene	106	7.064	7.064	(1.016)	213818	38.4892	38	
82 m+p-Xylene	106	7.277	7.277	(1.046)	4364	0.61430	0.61(a)	
84 o-Xylene	106	7.862	7.862	(1.131)	3901	0.56326	0.56(a)	
85 Styrene	104	7.948	7.942	(1.143)	8868	0.74972	0.75(a)	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	405003	21.9180	22	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06735.d
 Report Date: 15-Aug-2012 09:41

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	315067	48.5430	48	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	375834	50.0000		
M 121 Xylene (Total)	100				8265	1.17756	1.2(a)	

QC Flag Legend

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

Data File: e06735.d

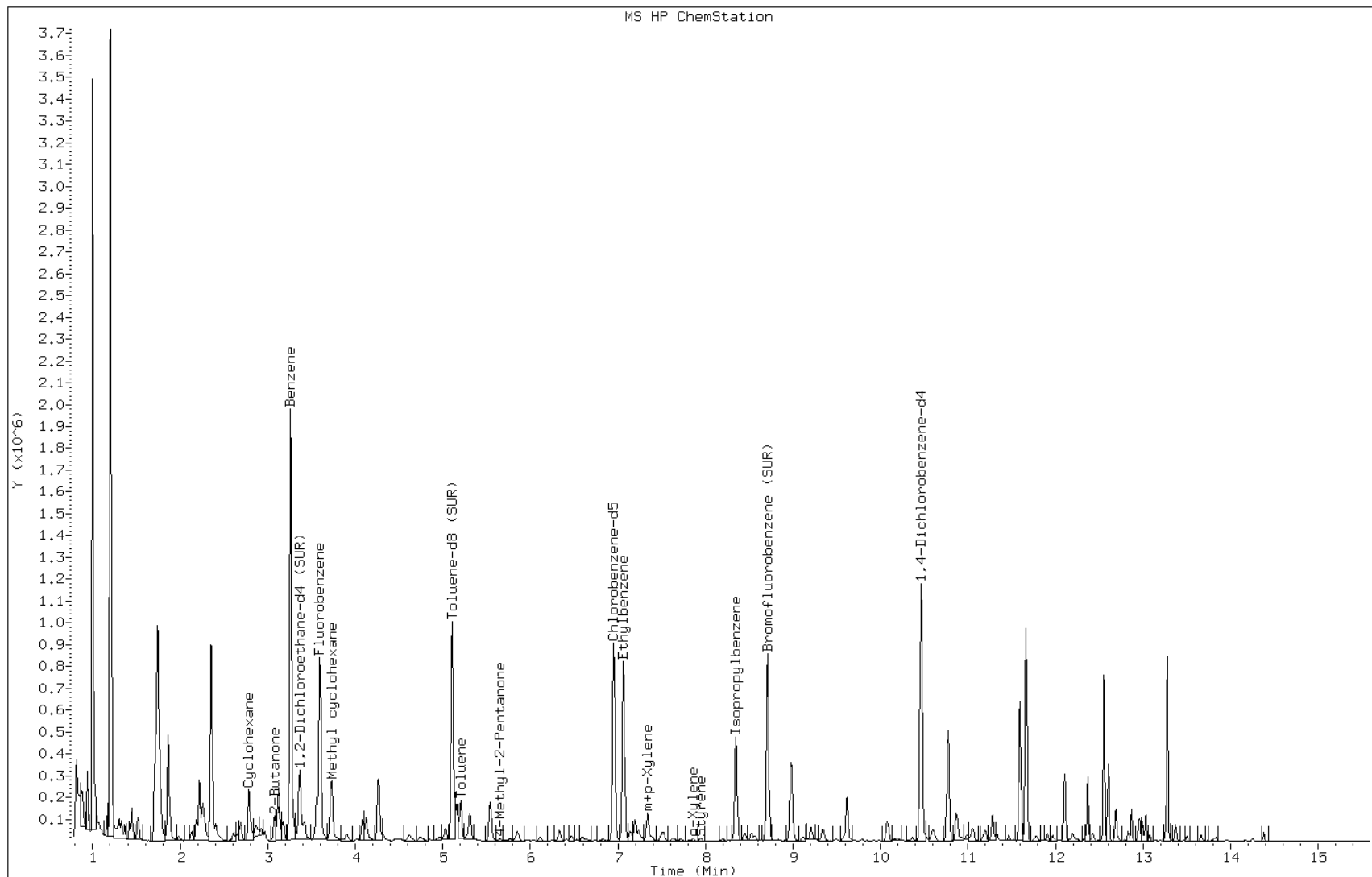
Date: 14-AUG-2012 09:41

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5



Data File: e06735.d

Date: 14-AUG-2012 09:41

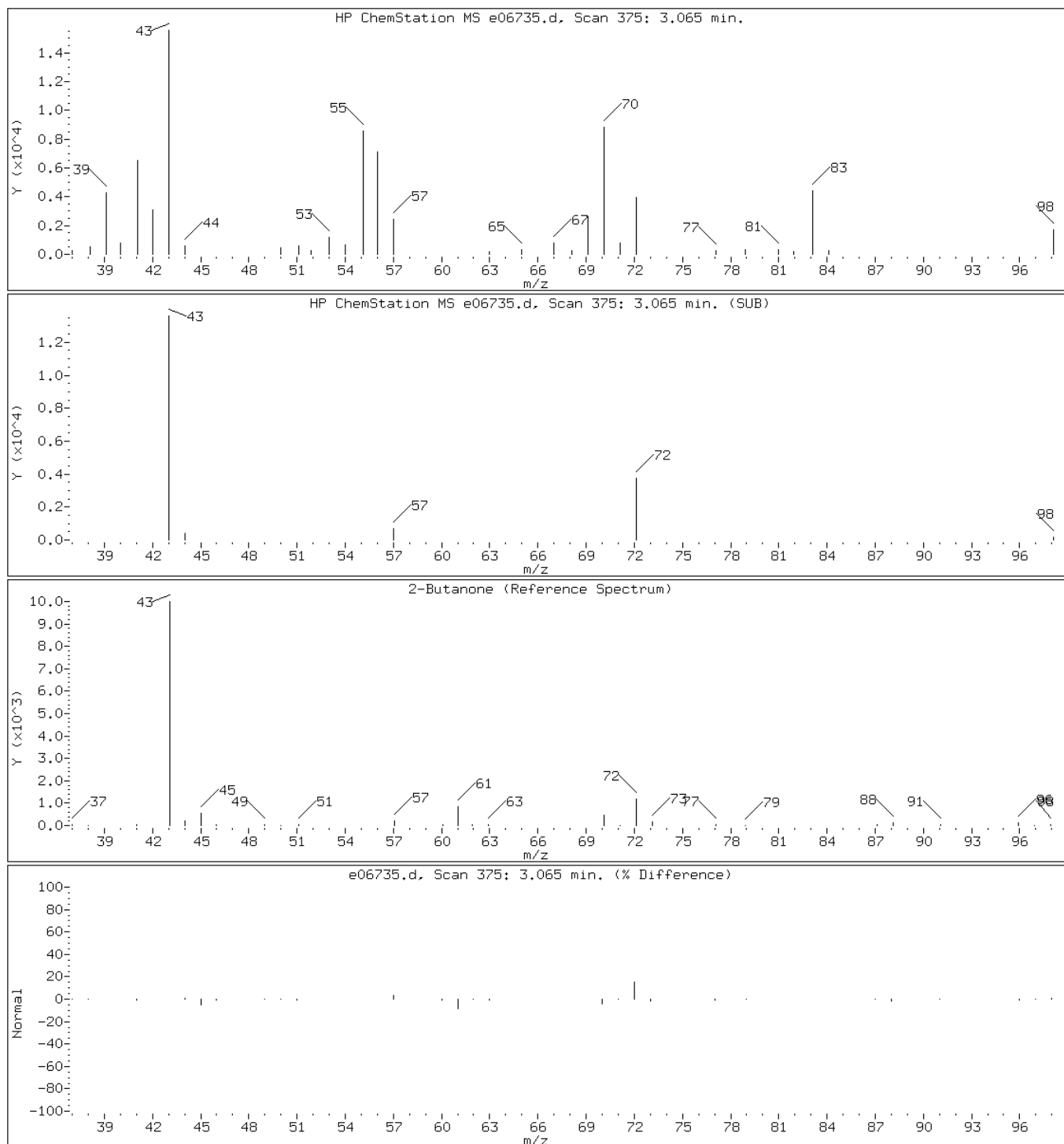
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06735.d

Date: 14-AUG-2012 09:41

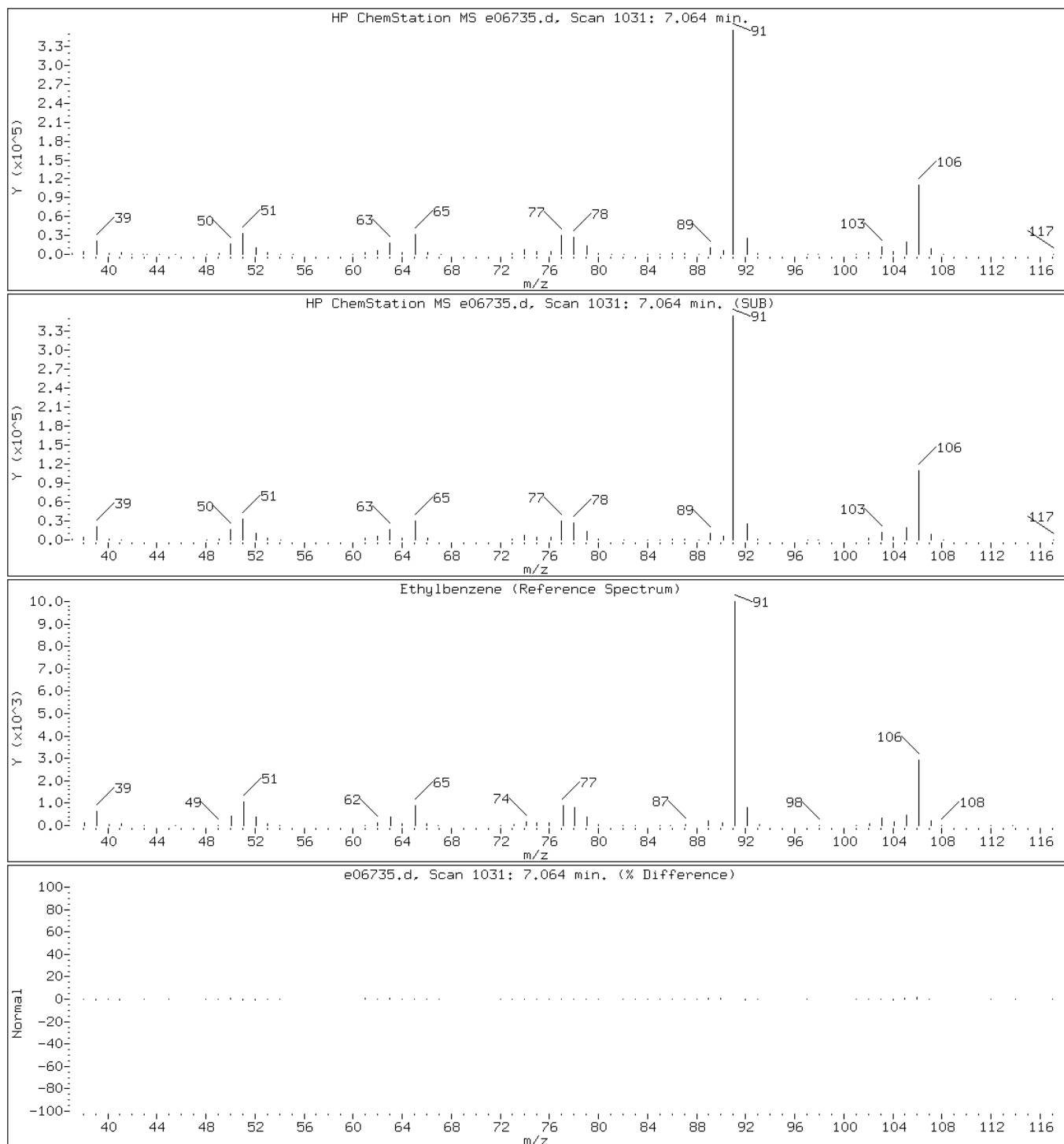
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06735.d

Date: 14-AUG-2012 09:41

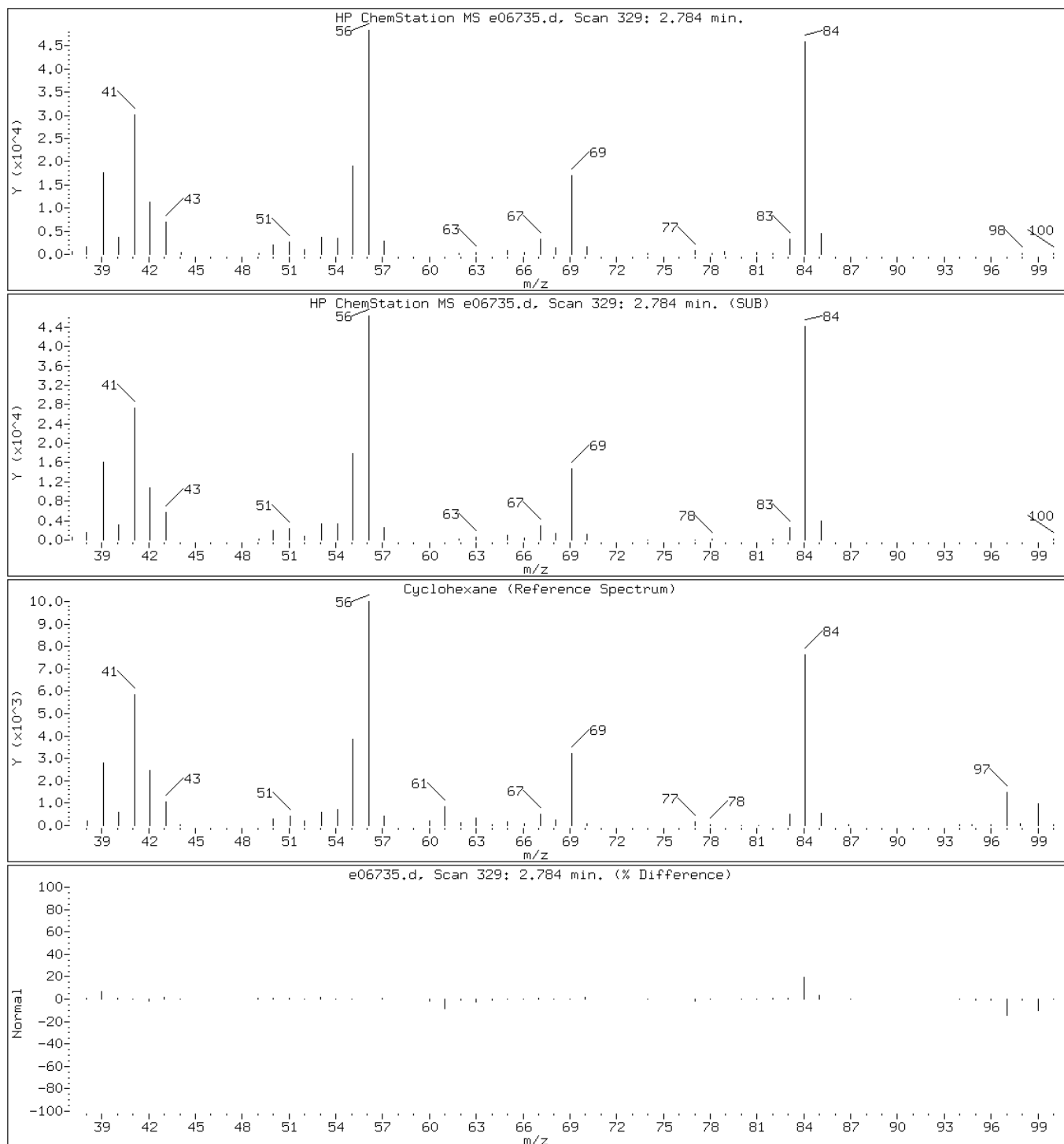
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06735.d

Date: 14-AUG-2012 09:41

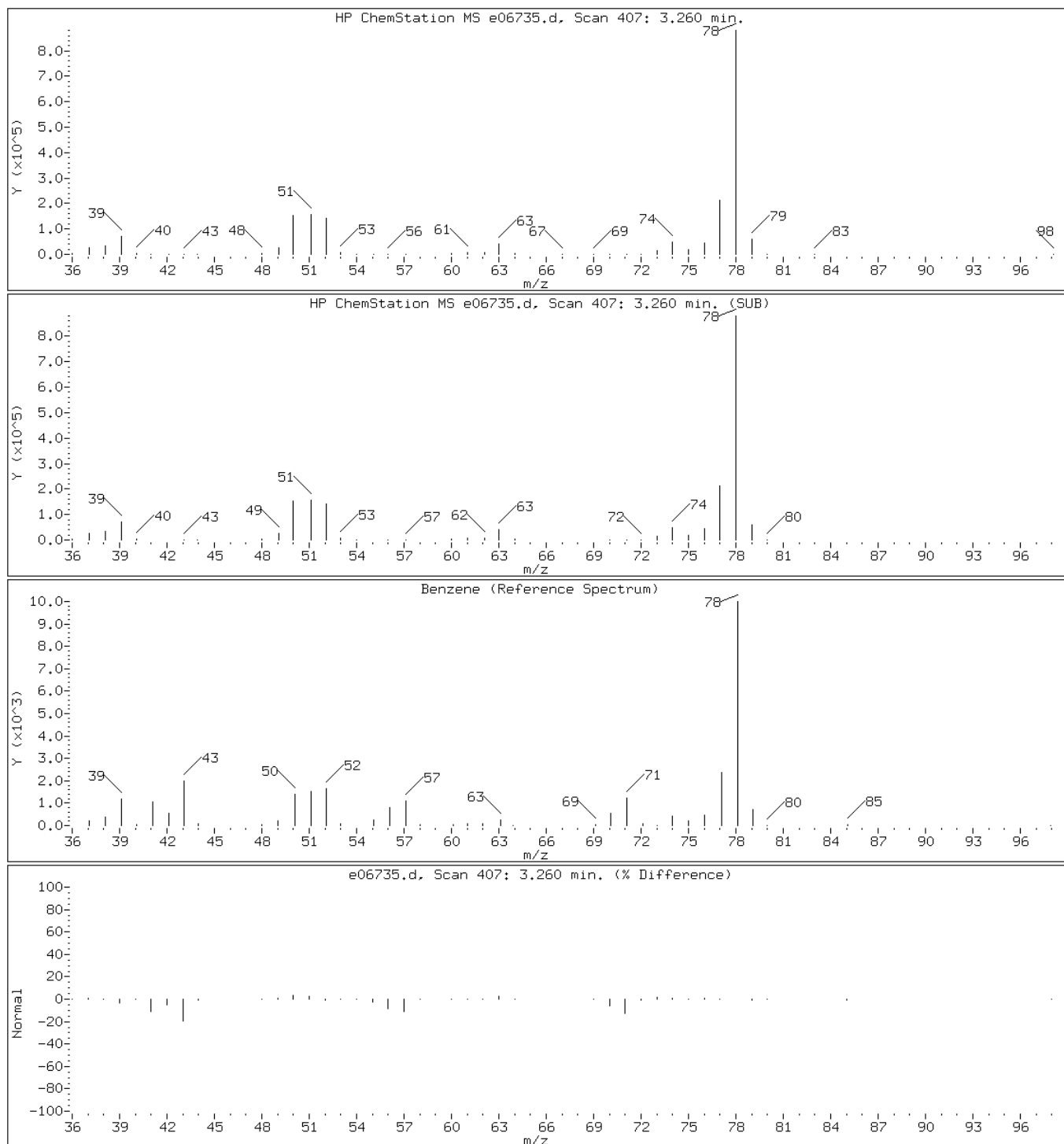
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06735.d

Date: 14-AUG-2012 09:41

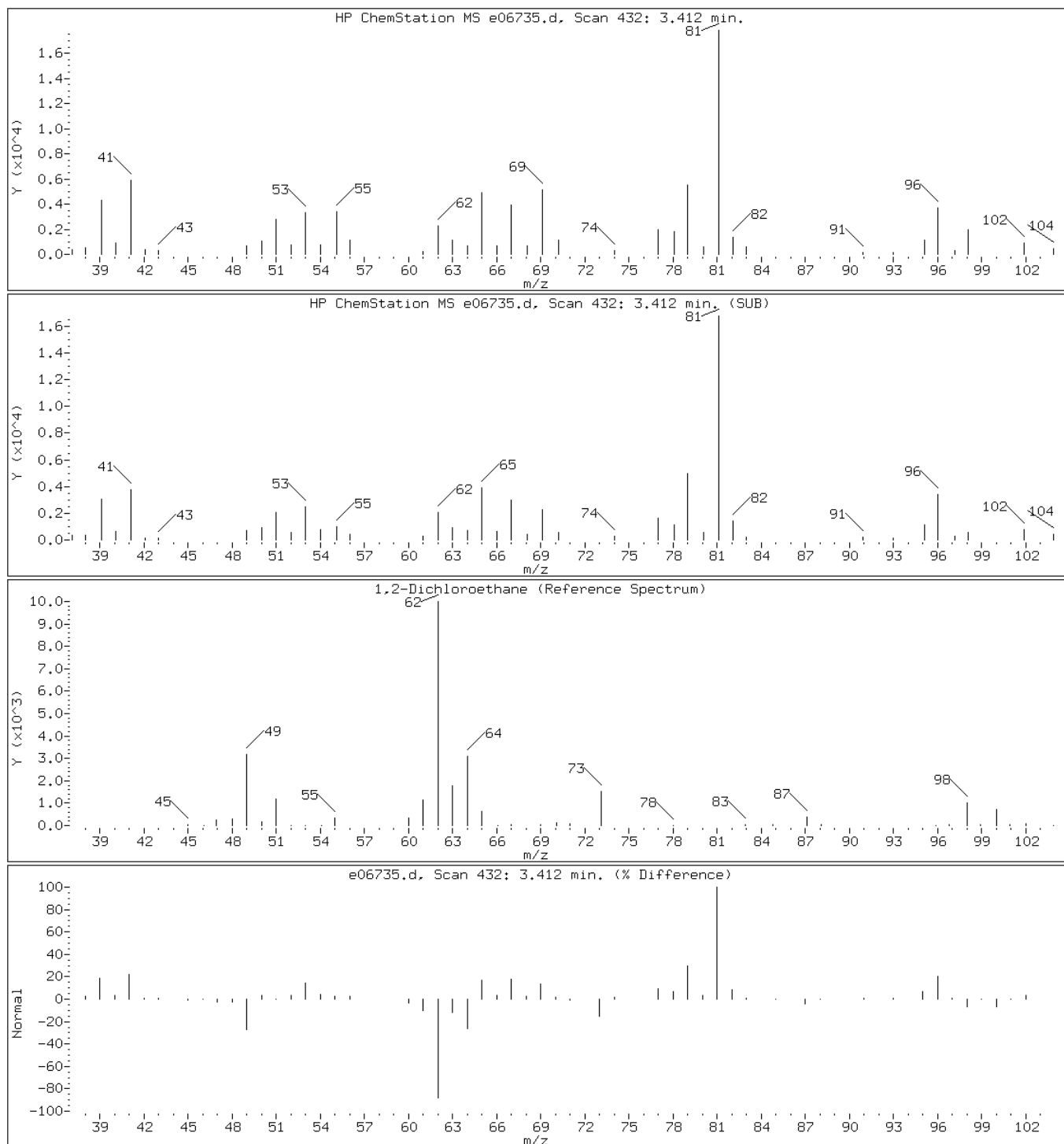
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e06735.d

Date: 14-AUG-2012 09:41

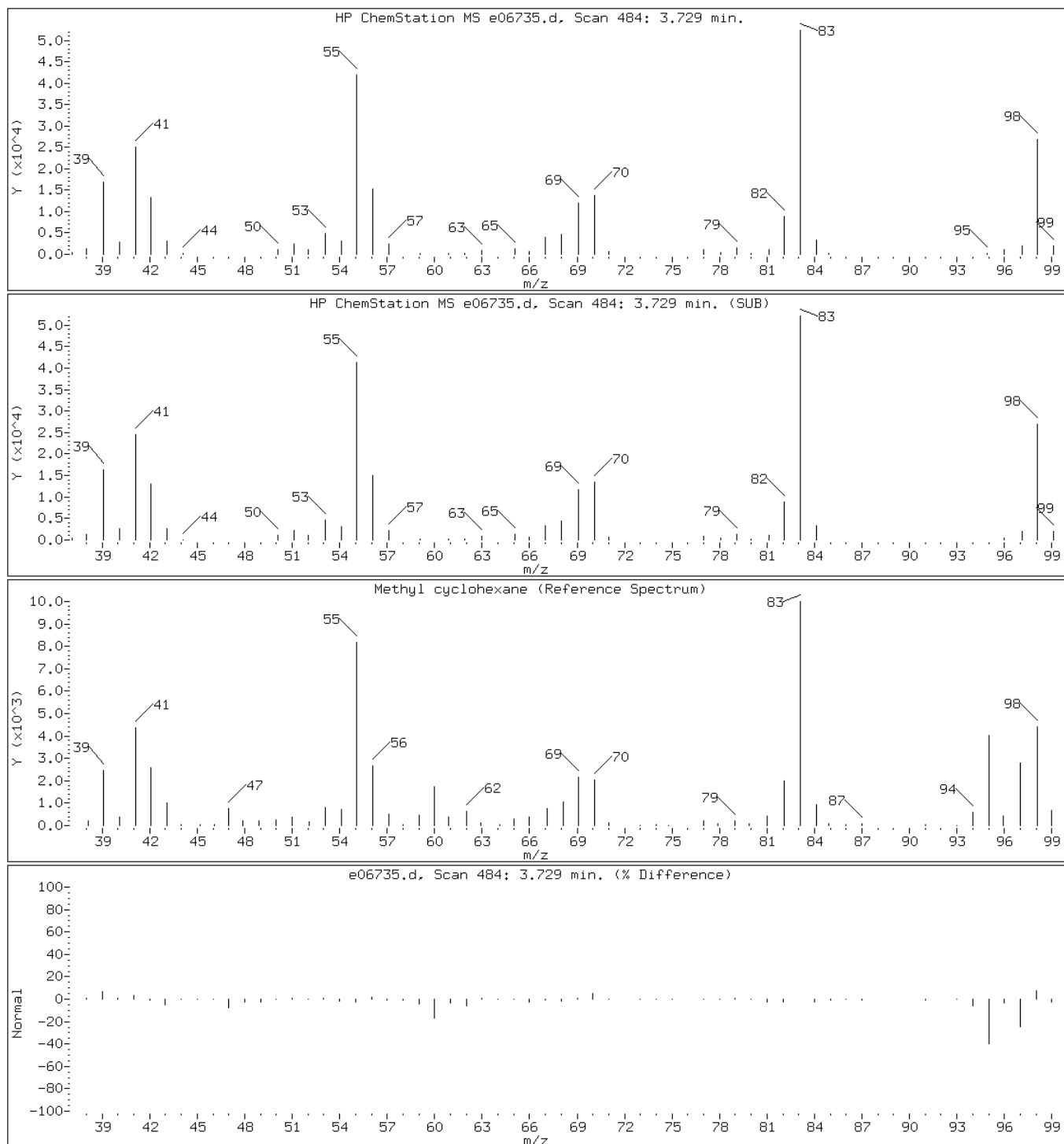
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06735.d

Date: 14-AUG-2012 09:41

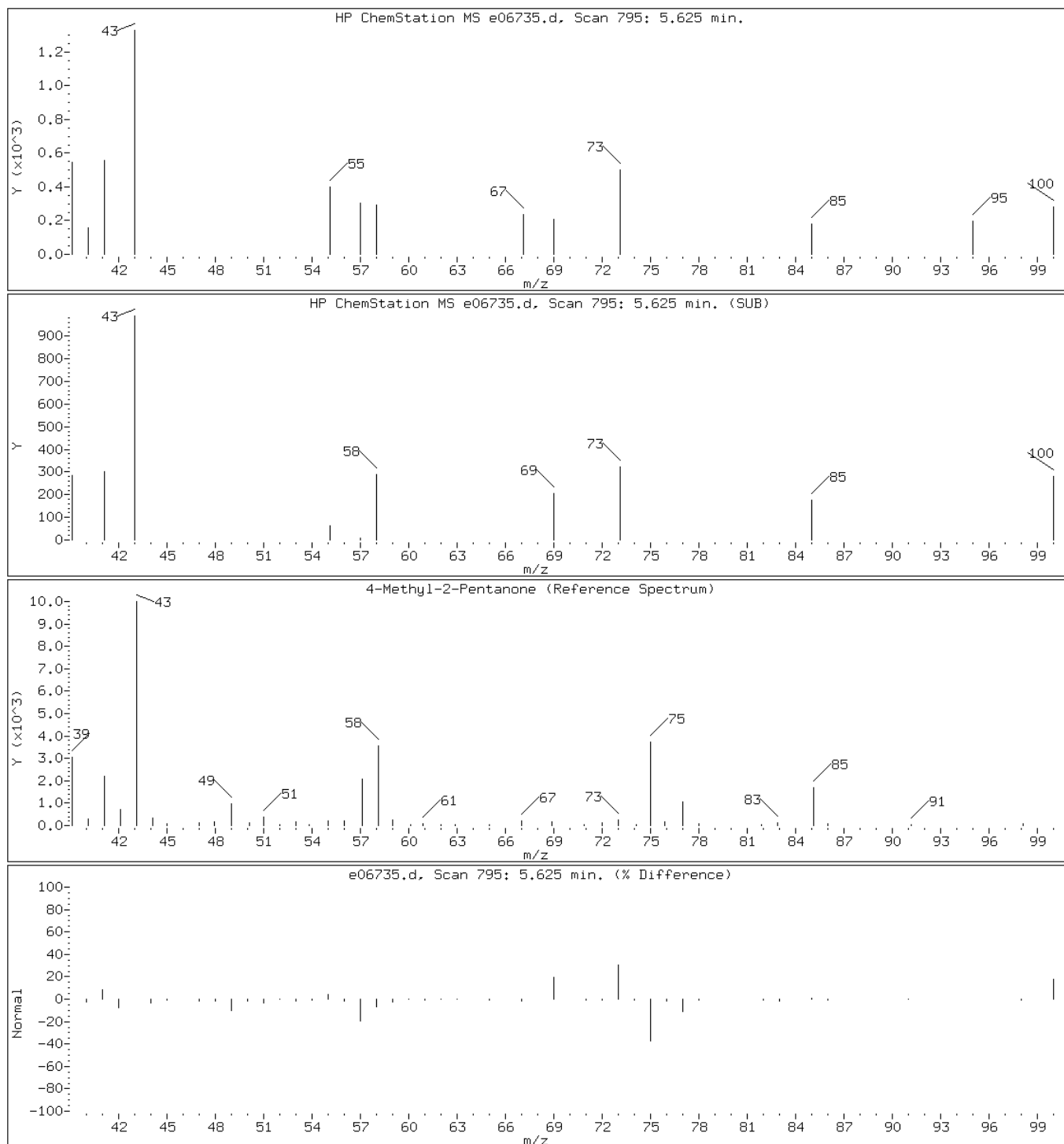
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

70 4-Methyl-2-Pentanone



Data File: e06735.d

Date: 14-AUG-2012 09:41

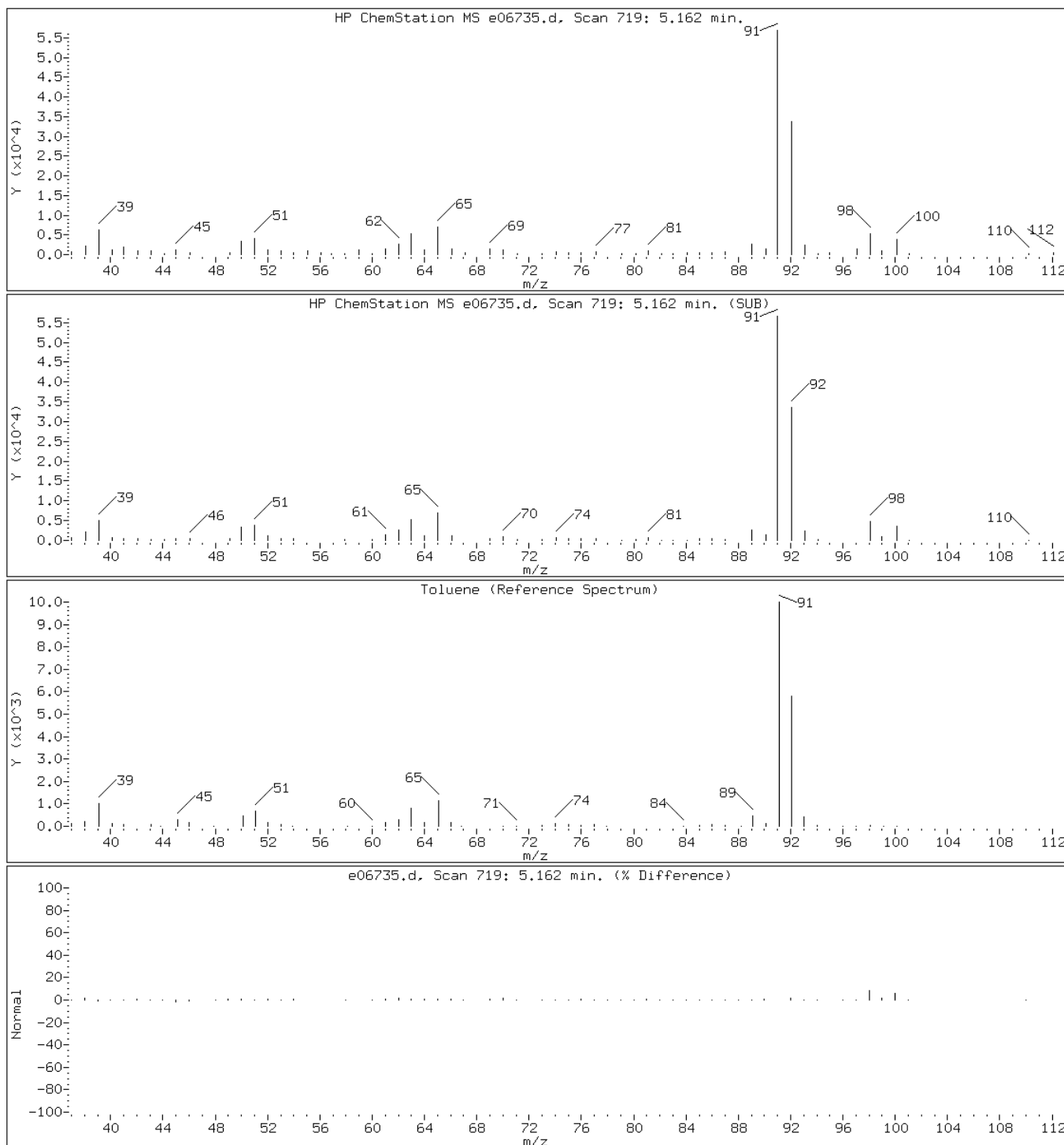
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06735.d

Date: 14-AUG-2012 09:41

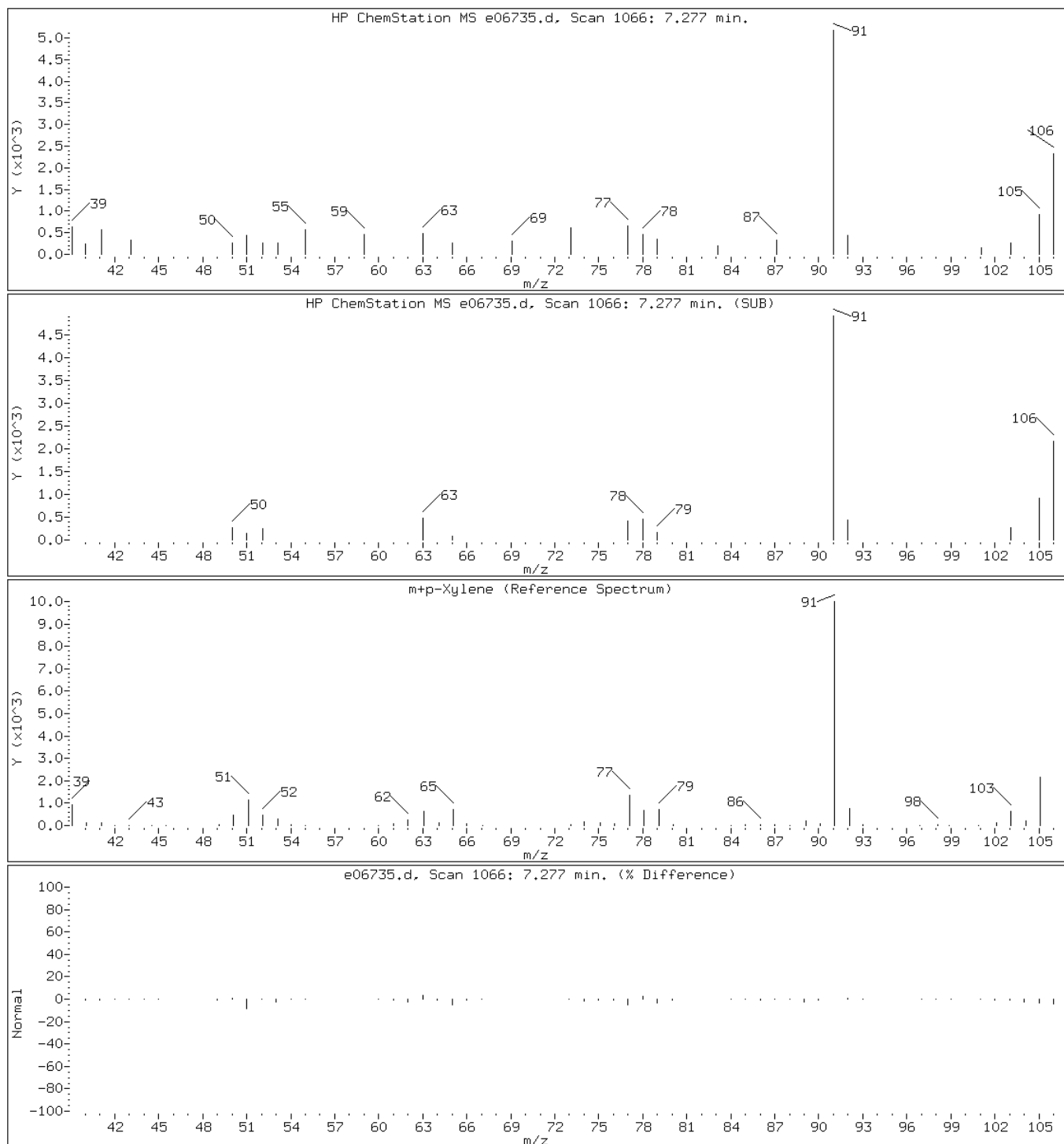
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06735.d

Date: 14-AUG-2012 09:41

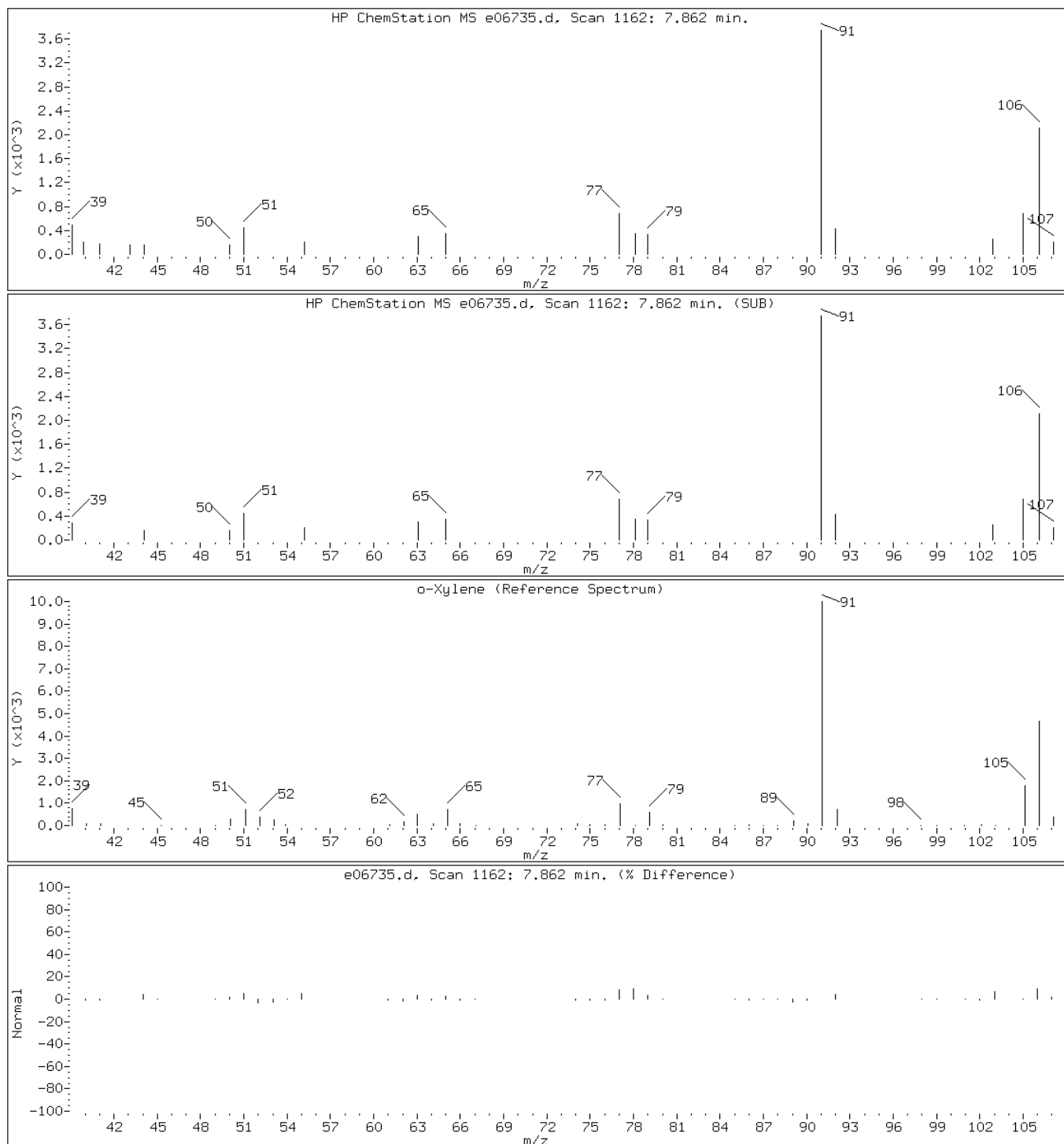
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06735.d

Date: 14-AUG-2012 09:41

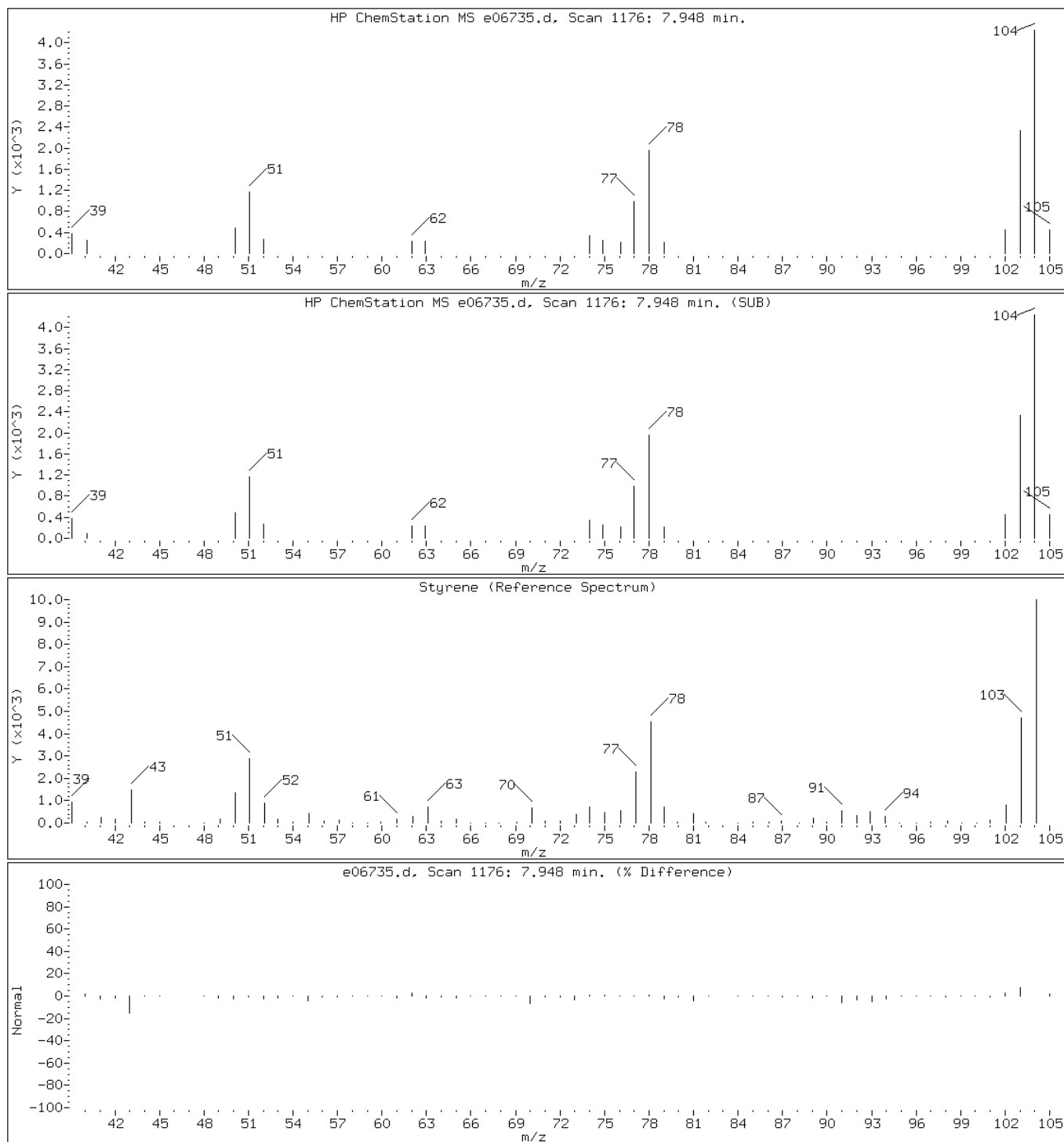
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06735.d

Date: 14-AUG-2012 09:41

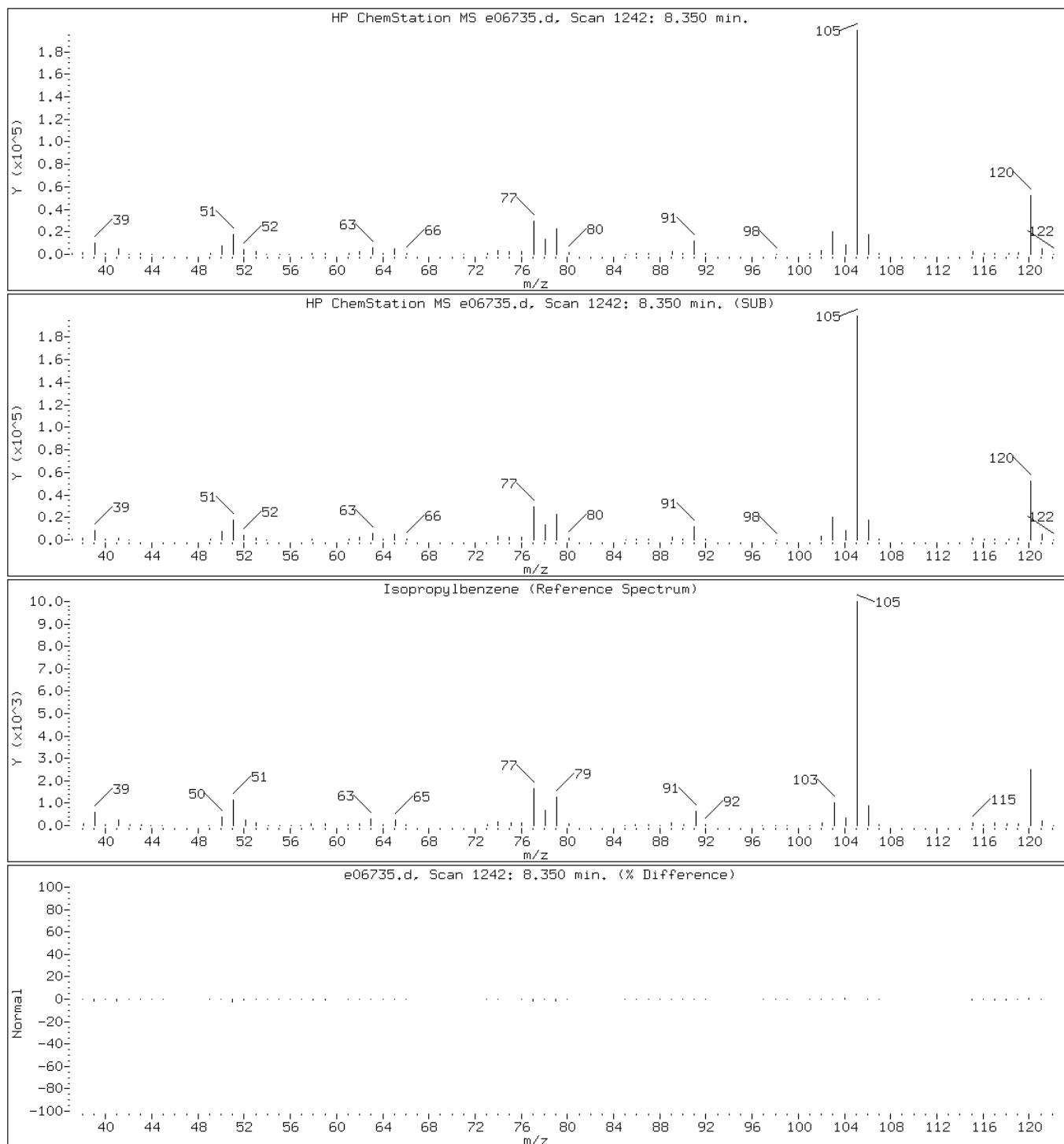
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

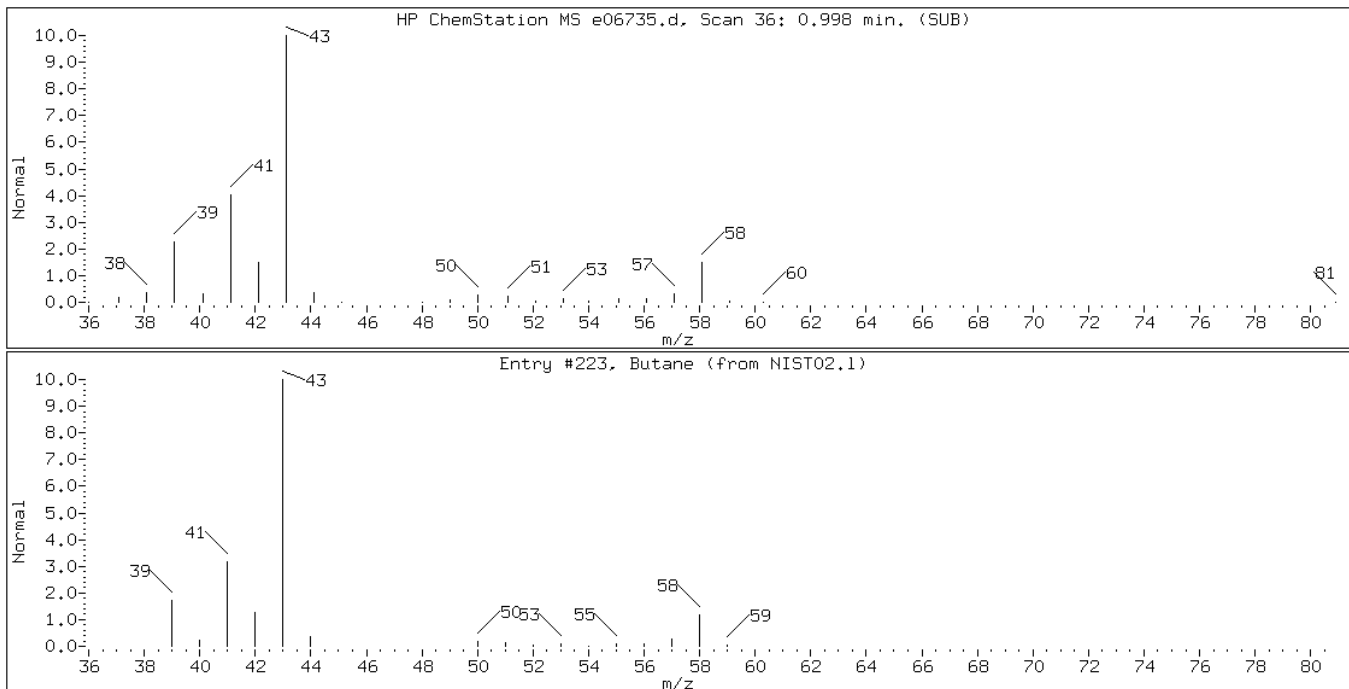
Instrument: VOAMS5.i

Sample Info: 460-43461-A-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: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

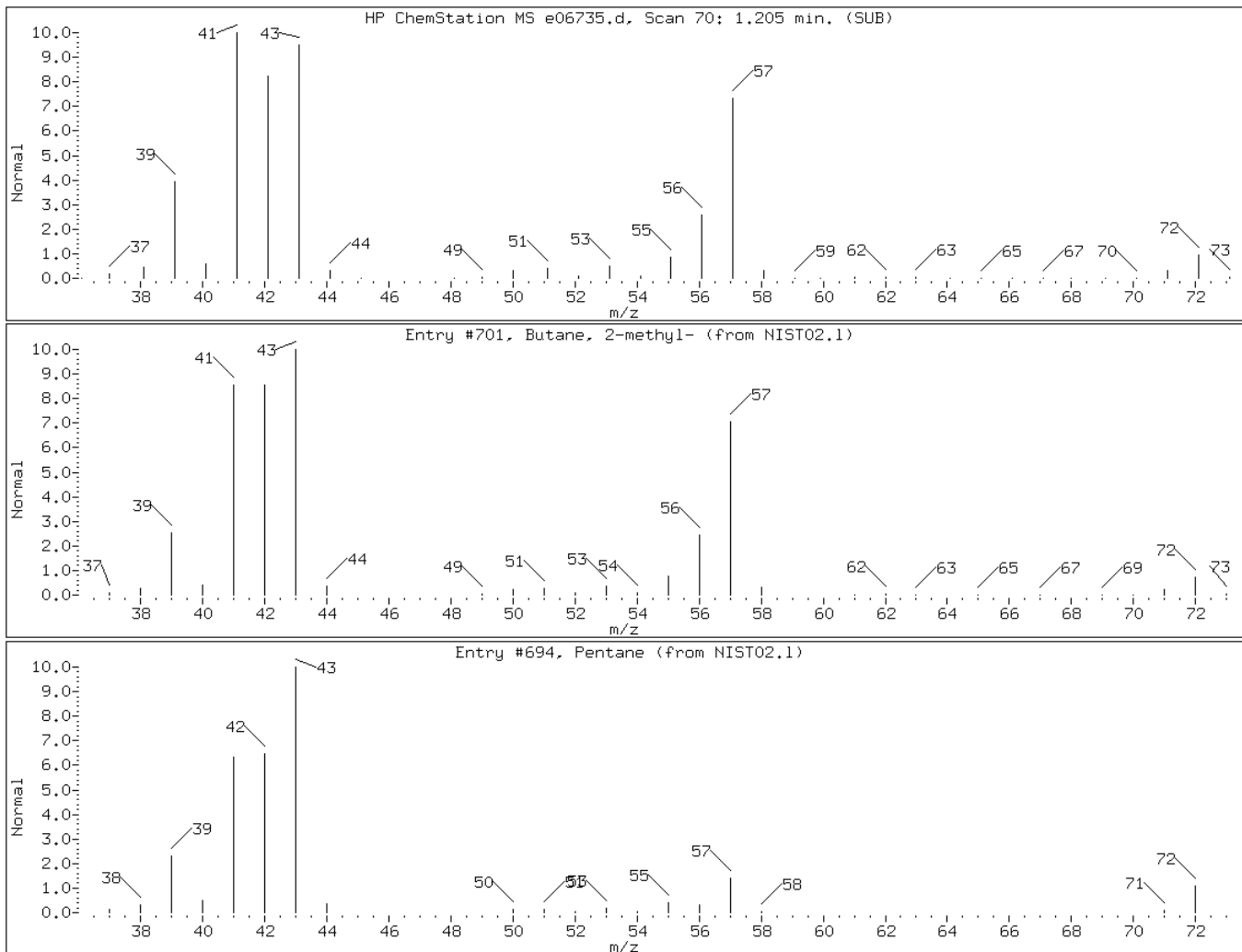
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

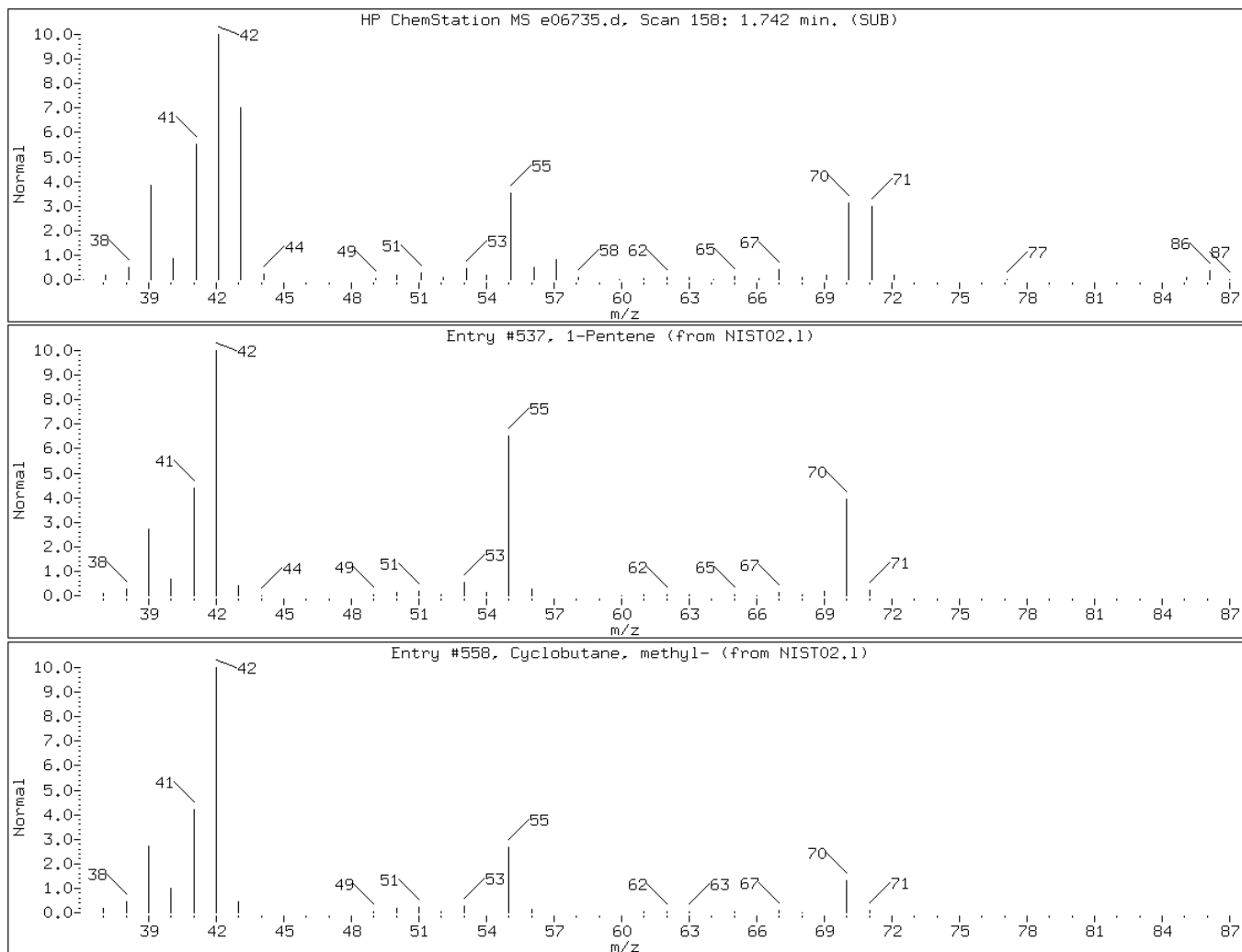
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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	59	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	558	49	C5H10	70



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

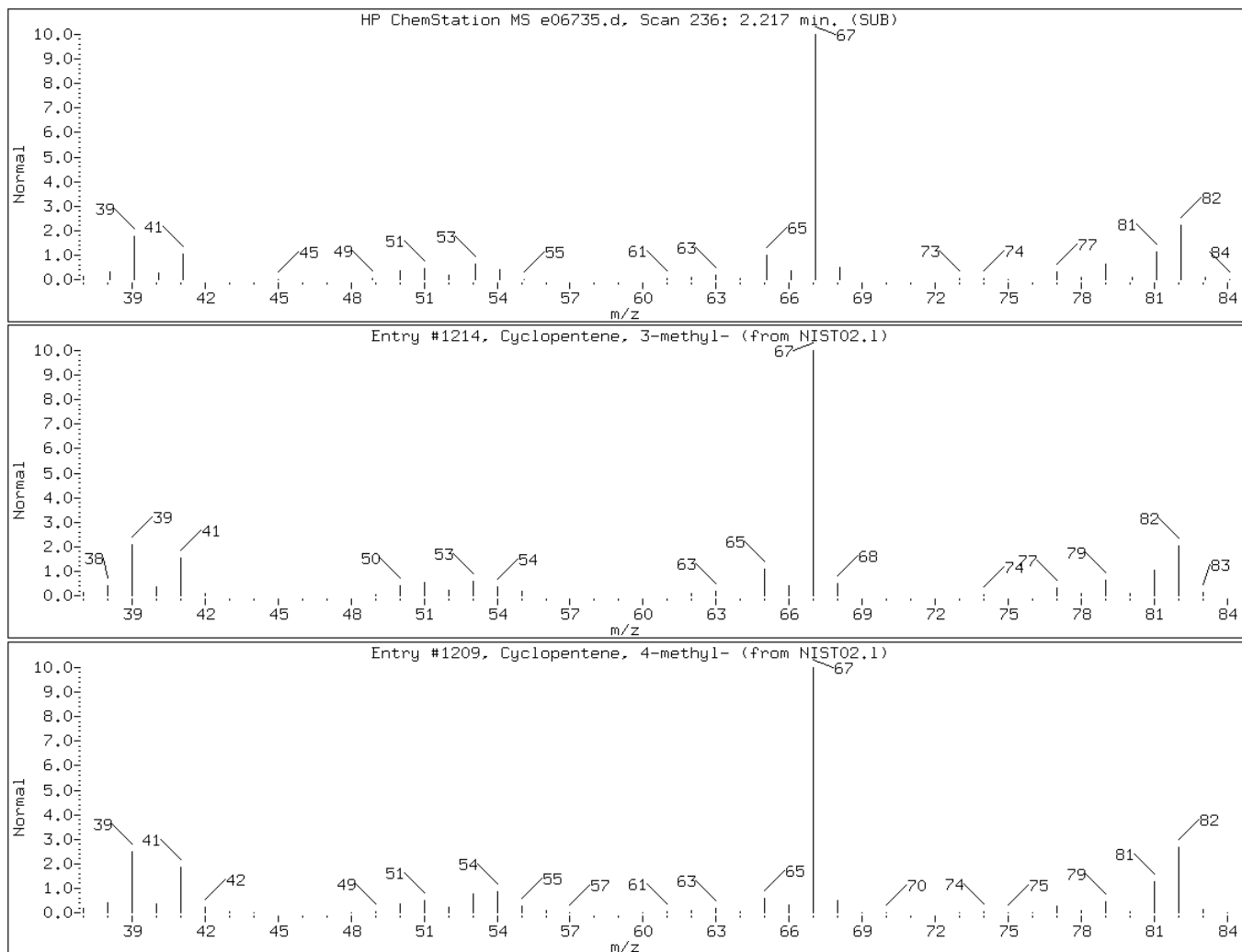
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclopentene, 3-methyl-	1120-62-3	NIST02.1	1214	91	C6H10	82
Cyclopentene, 4-methyl-	1759-81-5	NIST02.1	1209	90	C6H10	82



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

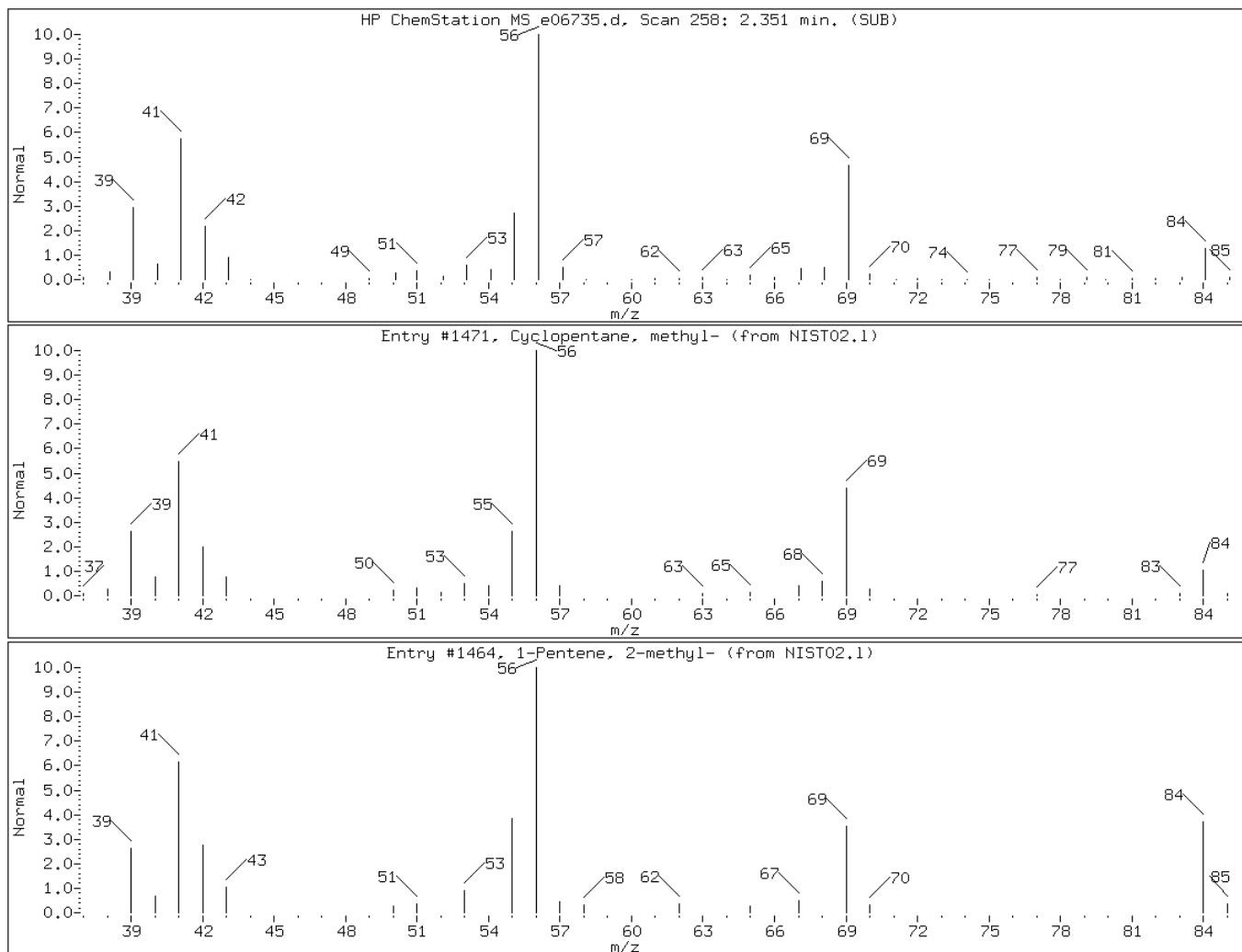
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1471	94	C6H12	84
1-Pentene, 2-methyl-	763-29-1	NIST02.1	1464	87	C6H12	84



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

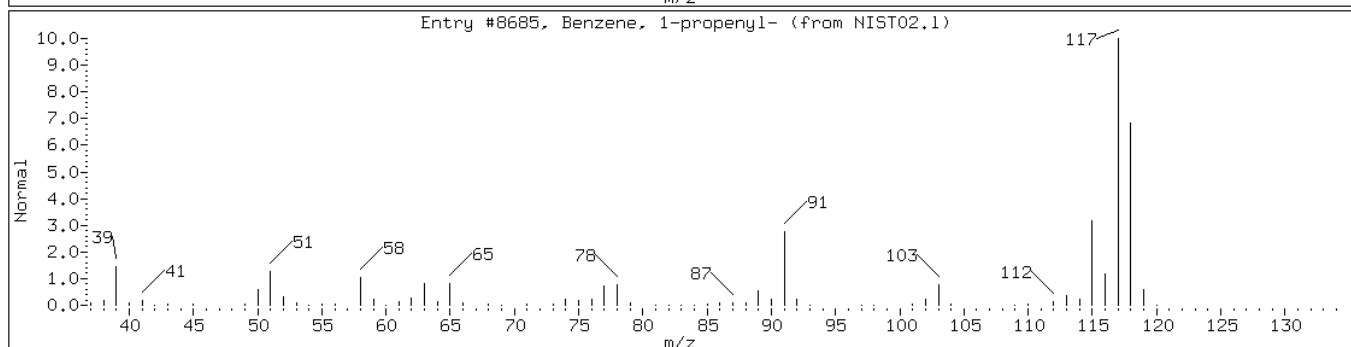
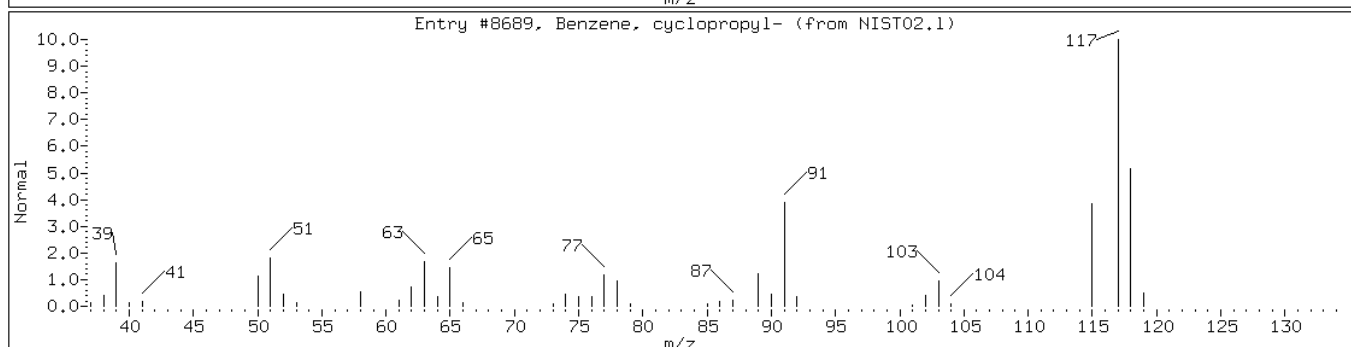
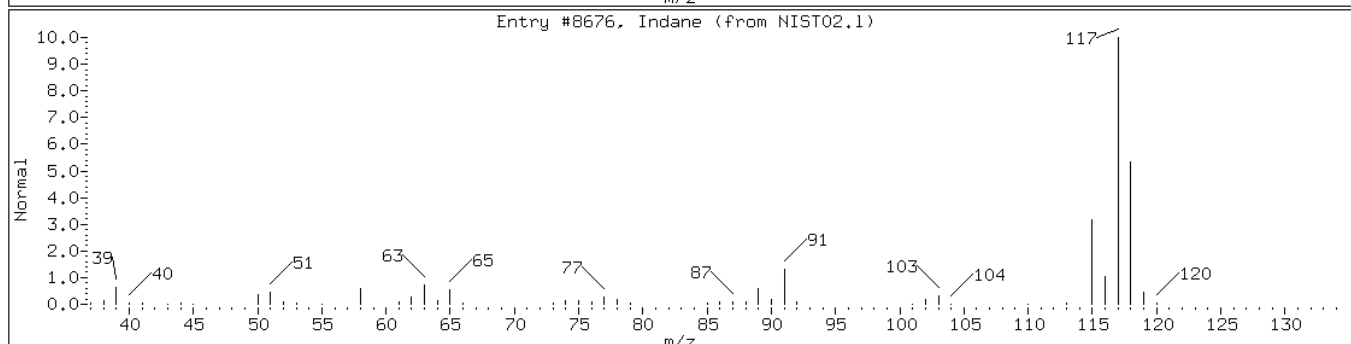
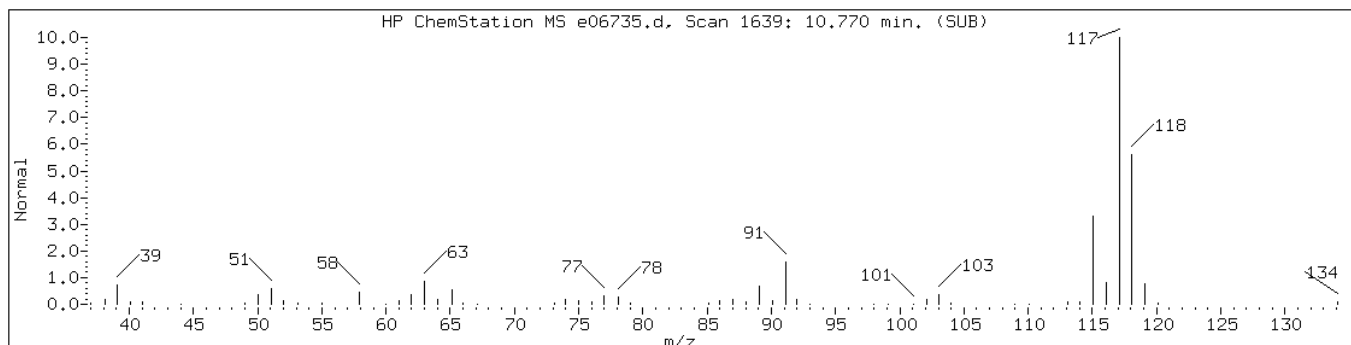
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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	91	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.1	8689	76	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.1	8685	74	C9H10	118



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

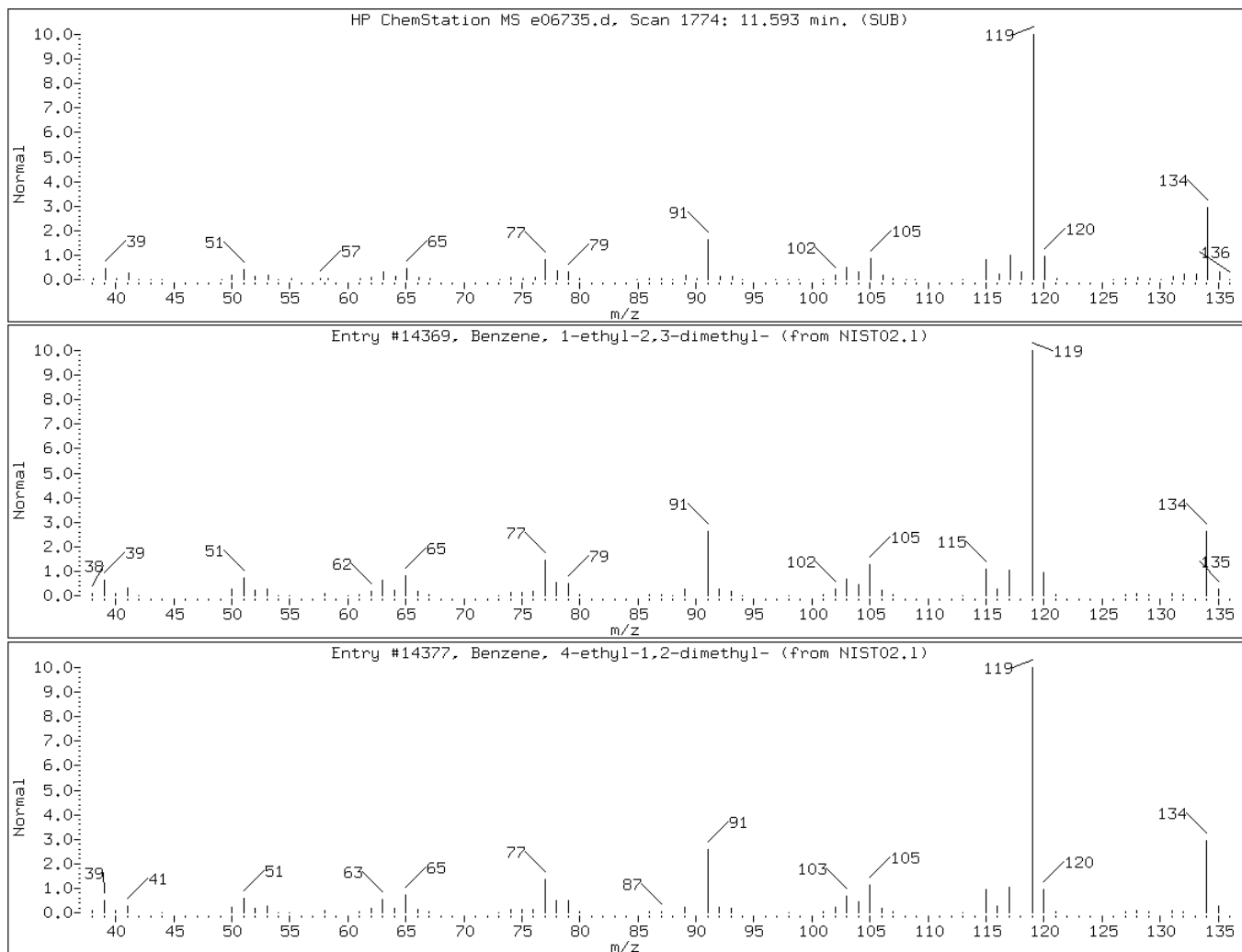
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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-2,3-dimethyl-	933-98-2	NIST02.1	14369	96	C ₁₀ H ₁₄	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.1	14377	96	C ₁₀ H ₁₄	134



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

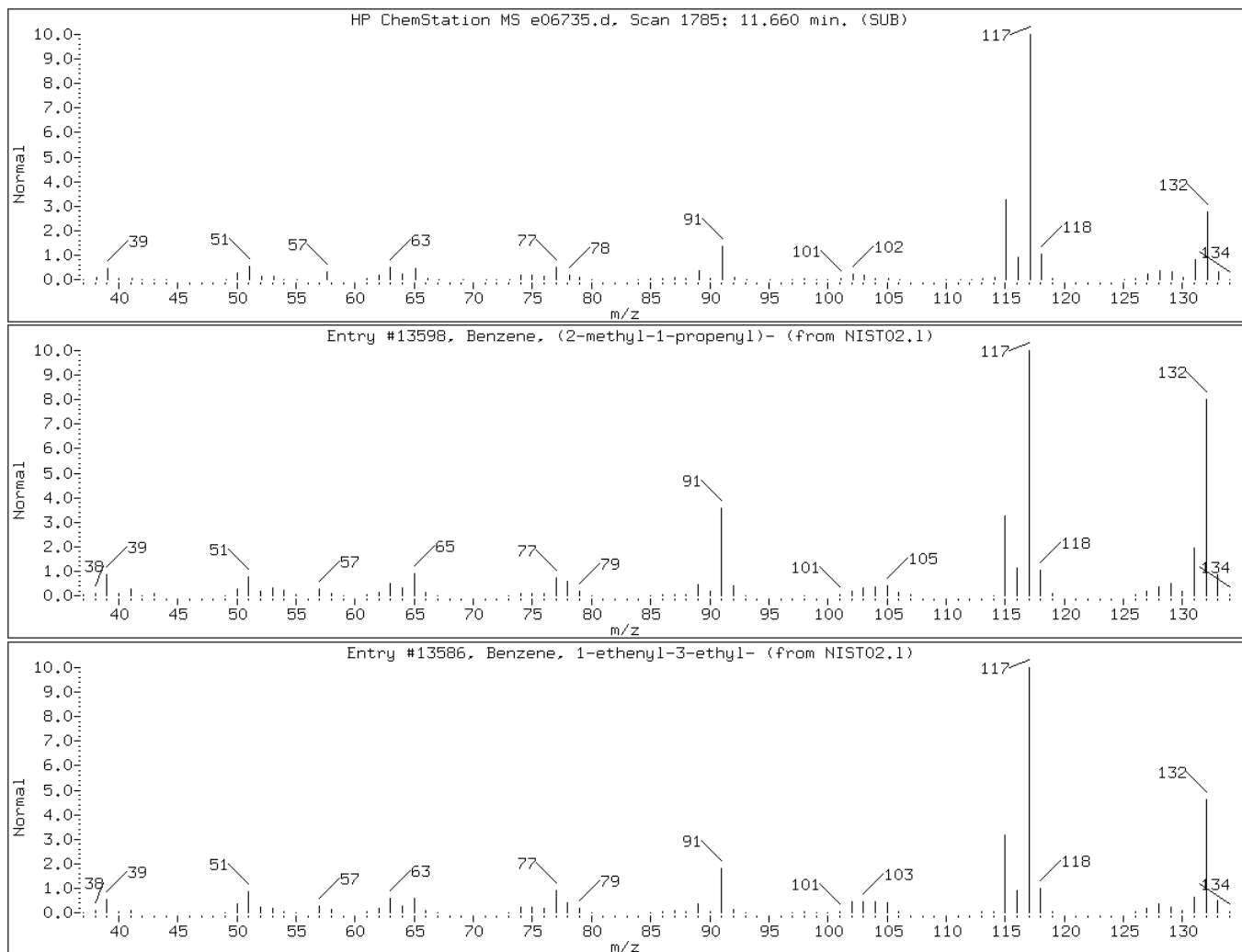
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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-3-ethyl-	7525-62-4	NIST02.1	13586	91	C10H12	132



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

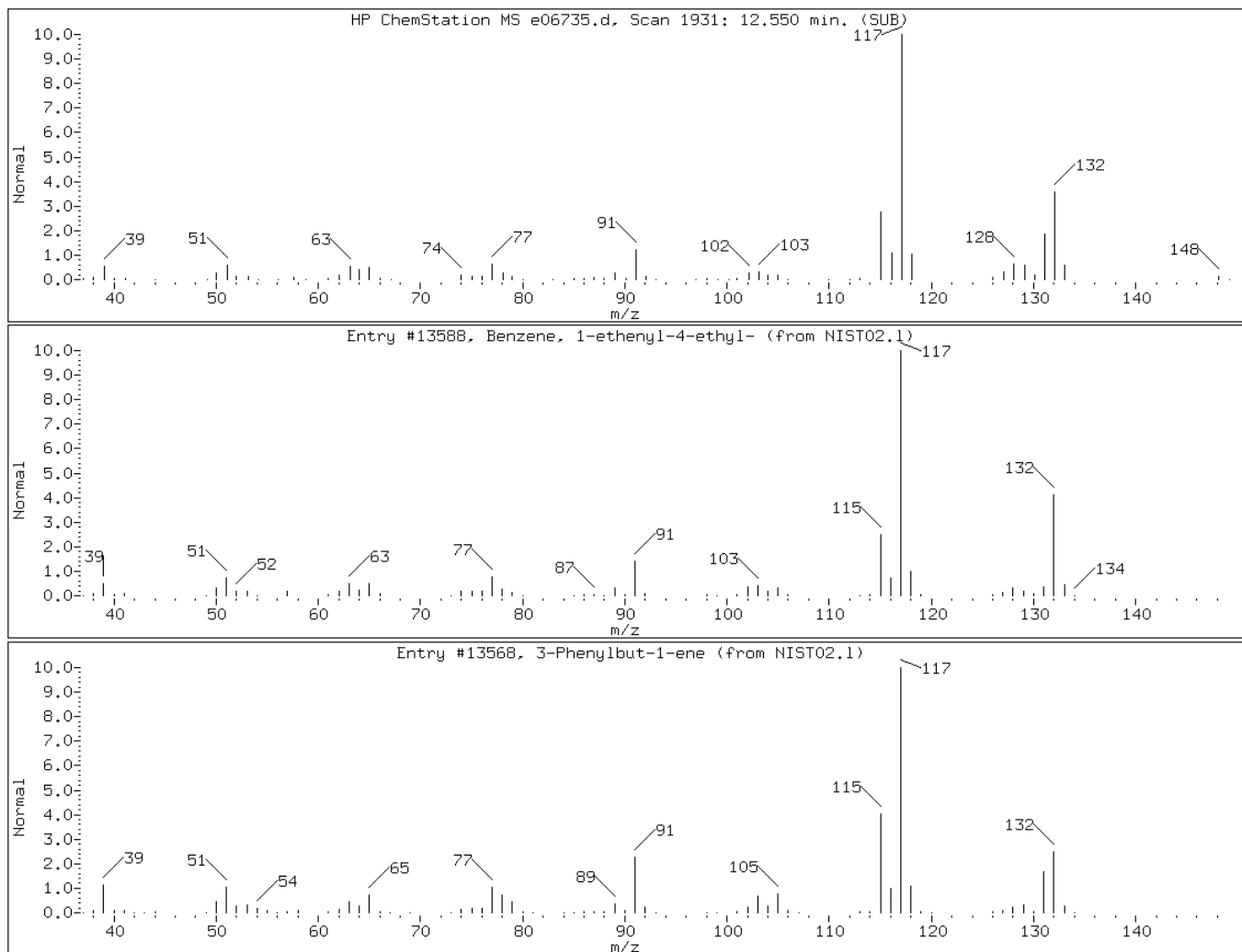
Instrument: VOAMS5.i

Sample Info: 460-43461-A-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						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.1	13588	94	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.1	13568	90	C10H12	132



Data File: e06735.d

Date: 14-AUG-2012 09:41

Client ID:

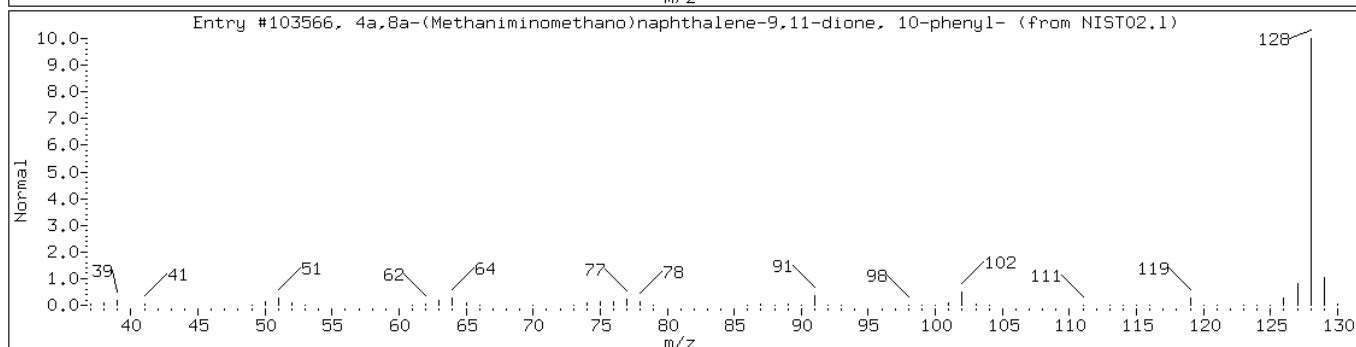
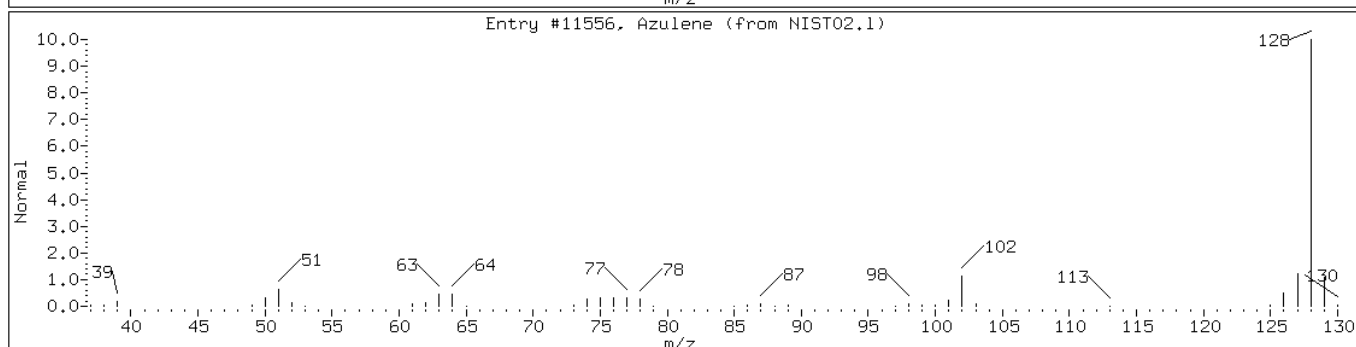
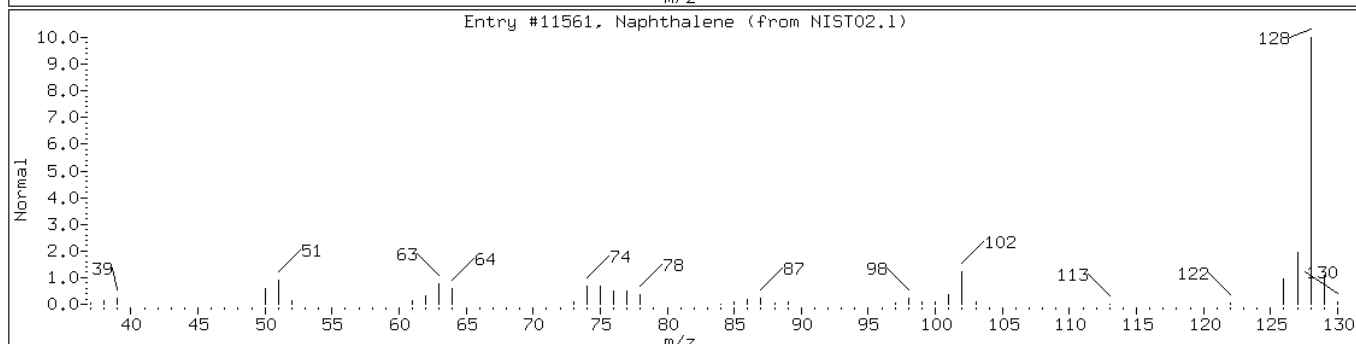
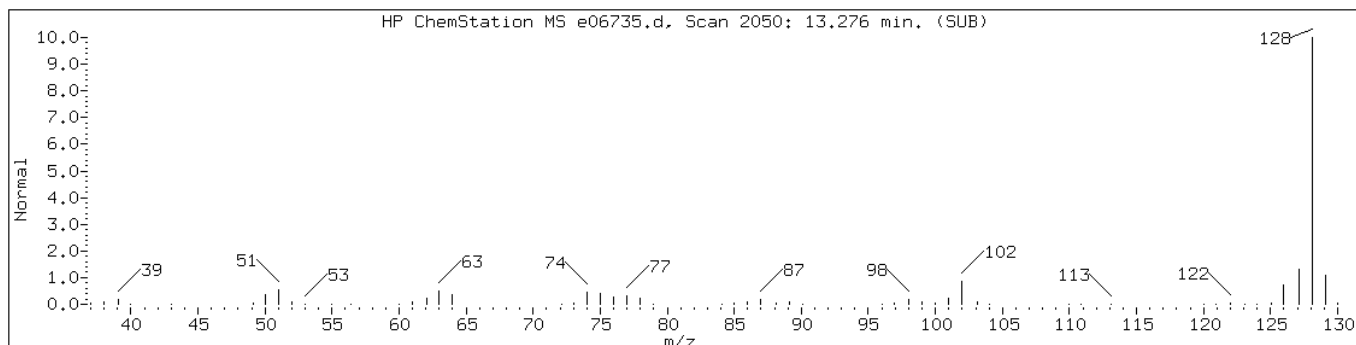
Instrument: VOAMS5.i

Sample Info: 460-43461-A-1

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	11561	95	C10H8	128
Azulene	275-51-4	NIST02.1	11556	93	C10H8	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	78	C18H13N02	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-2
 Matrix: Water Lab File ID: e06736.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 10:05
 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	24		1.0	0.10
110-82-7	Cyclohexane	21		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	120		1.0	0.080
107-06-2	1,2-Dichloroethane	0.79	J	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	4.7		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-2
 Matrix: Water Lab File ID: e06736.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 10:05
 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	1.1	J	3.0	0.36
100-42-5	Styrene	0.49	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	25		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)	111		70-130
460-00-4	4-Bromofluorobenzene	98		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-2
 Matrix: Water Lab File ID: e06736.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 10:05
 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: 712

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	150	J
	C5H12 Alkane	1.21	210	J
	C6H14 Alkane	1.74	110	J
-1	C6H14 Alkane	1.86	33	J N
	C6H10 Cycloalkene	2.22	35	J
	C6H12 Cycloalkane	2.35	50	J
	Ethyl dimethylbenzene isomer	11.59	27	J
	2,3-dihydro-methyl-1H-Indene isomer	11.67	41	J
	2,3-dihydro-methyl-1H-Indene isomer-1	12.55	27	J
91-20-3	Naphthalene	13.28	29	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06736.d
 Report Date: 15-Aug-2012 09:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06736.d
 Lab Smp Id: 460-43461-B-2
 Inj Date : 14-AUG-2012 10:05
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43461-B-2
 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 05:35 Cal File: e06727.d
 Als bottle: 10
 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)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
44 Cyclohexane	56		2.784	2.778 (0.774)			96480	21.0731	21
48 Benzene	78		3.260	3.260 (0.469)			1502990	121.377	120
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.364	3.357 (0.936)			225282	55.7477	56
49 1,2-Dichloroethane	62		3.418	3.412 (0.951)			3951	0.78689	0.79(a)
* 52 Fluorobenzene	96		3.595	3.595 (1.000)			676342	50.0000	
56 Methyl cyclohexane	83		3.729	3.723 (1.037)			138011	30.0391	30
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107 (0.734)			665371	49.3352	49
66 Toluene	91		5.162	5.162 (0.742)			71576	4.67200	4.7
* 78 Chlorobenzene-d5	117		6.954	6.954 (1.000)			593175	50.0000	
81 Ethylbenzene	106		7.064	7.064 (1.016)			136567	24.1544	24
82 m+p-Xylene	106		7.277	7.277 (1.046)			4187	0.57910	0.58(a)
84 o-Xylene	106		7.863	7.862 (1.131)			3494	0.49569	0.50(a)
85 Styrene	104		7.948	7.942 (1.143)			5943	0.49367	0.49(a)
88 Isopropylbenzene	105		8.350	8.350 (1.201)			466964	24.8303	25
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710 (0.832)			323753	48.7563	49
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466 (1.000)			384506	50.0000	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06736.d
Report Date: 15-Aug-2012 09:44

Compounds	QUANT	SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS	
									ON-COLUMN	FINAL
=====	=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)
M 121 Xylene (Total)	100							7681	1.07479	1.1(a)

QC Flag Legend

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

Data File: e06736.d

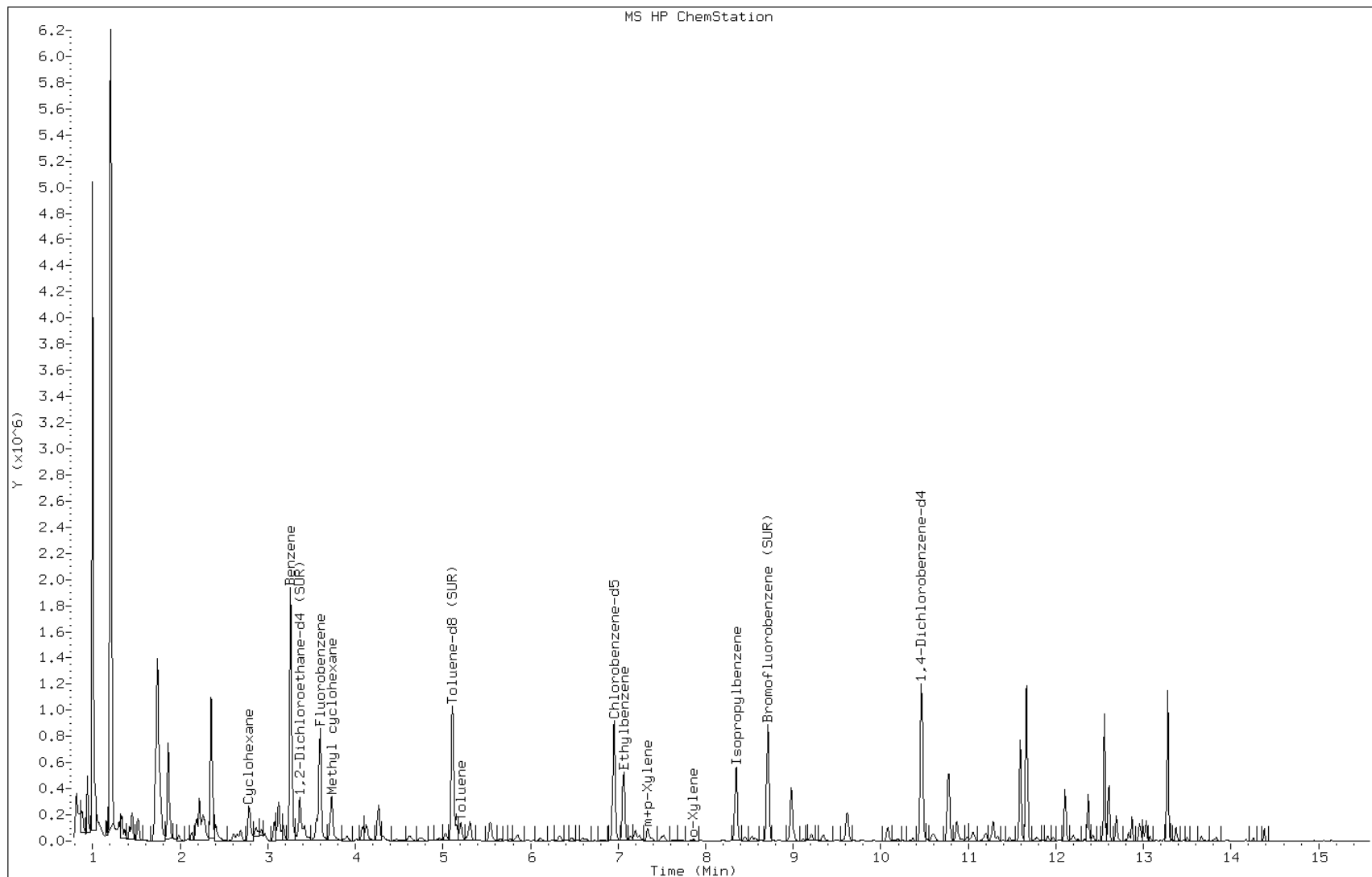
Date: 14-AUG-2012 10:05

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5



Data File: e06736.d

Date: 14-AUG-2012 10:05

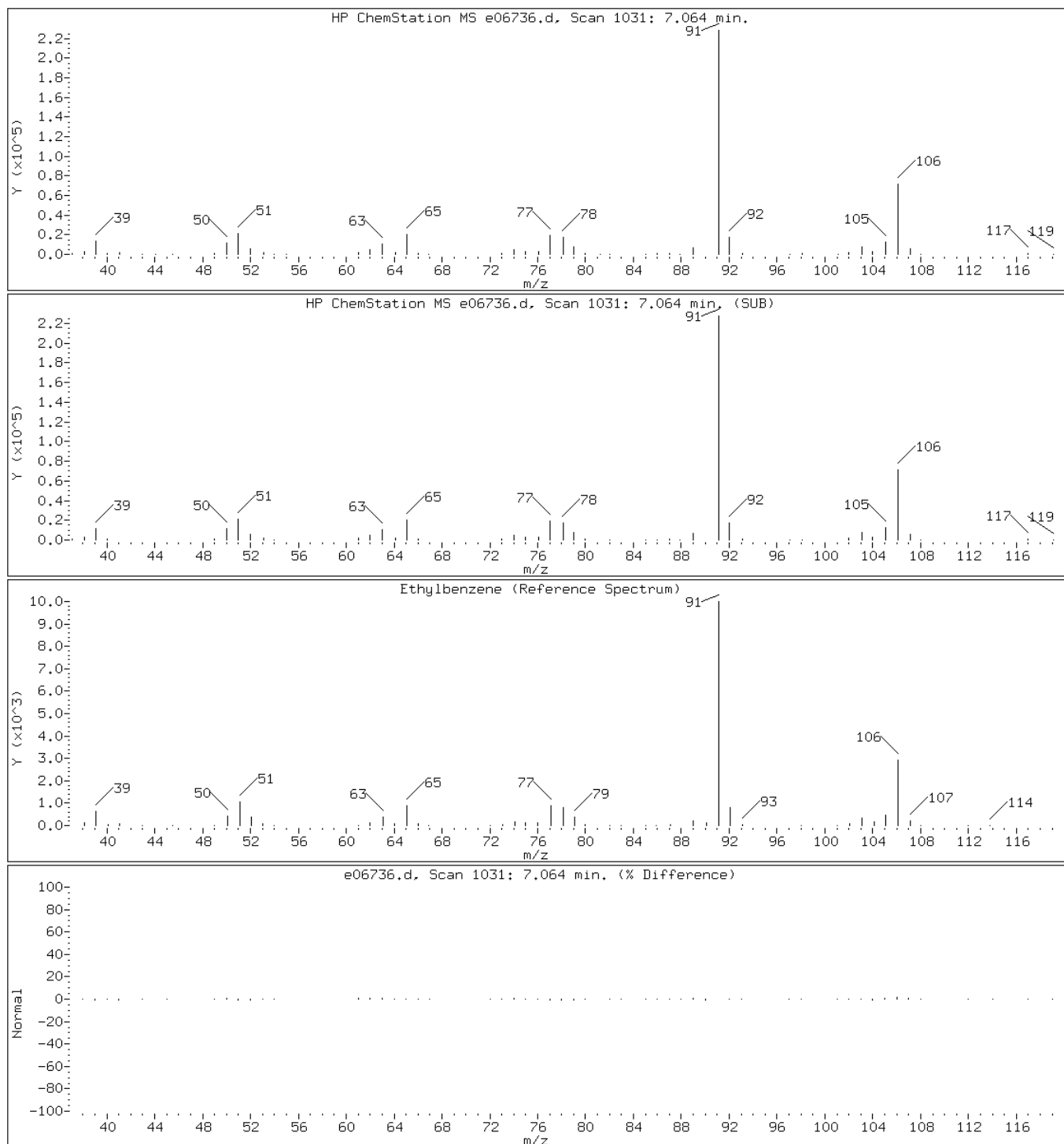
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06736.d

Date: 14-AUG-2012 10:05

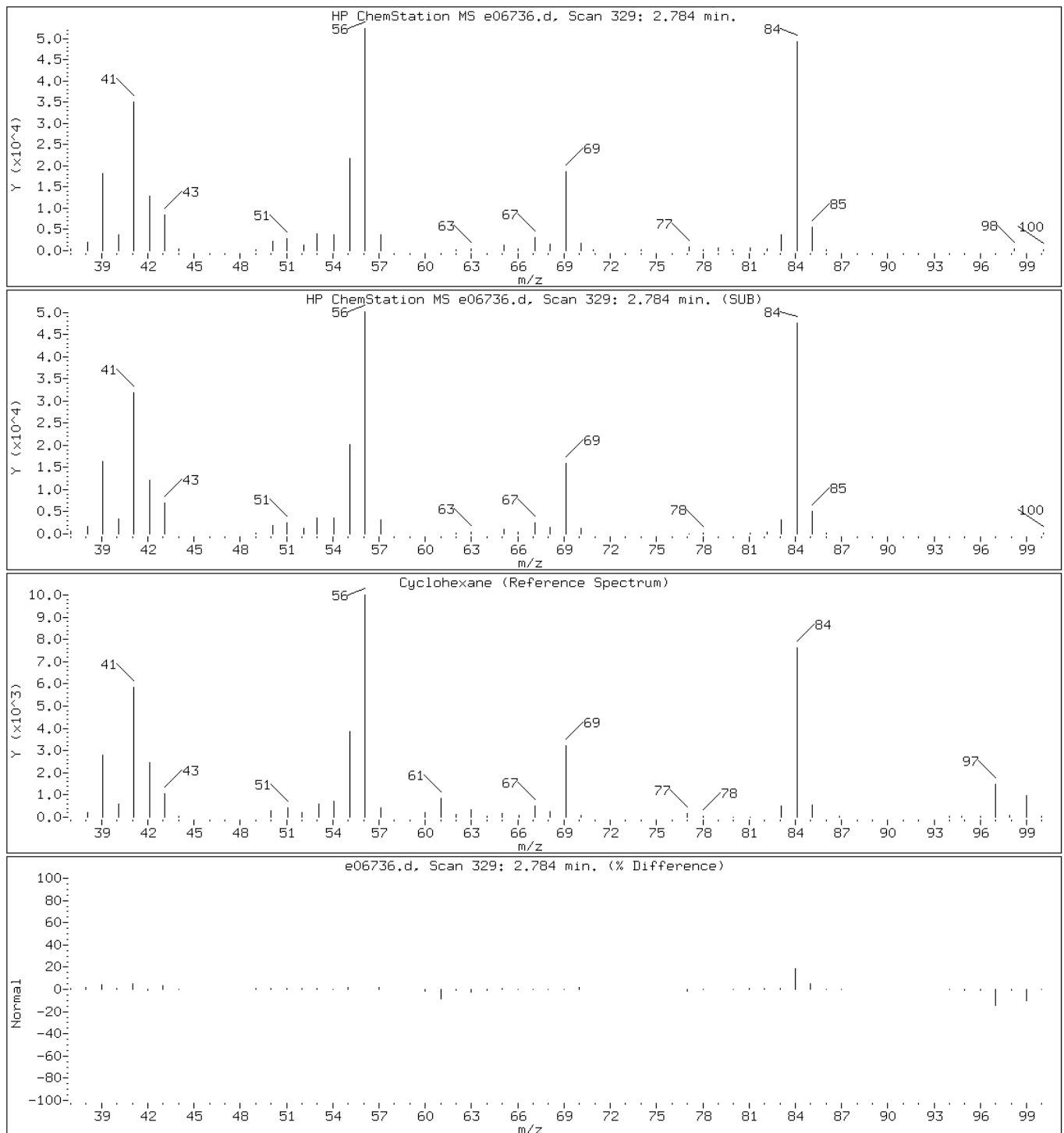
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06736.d

Date: 14-AUG-2012 10:05

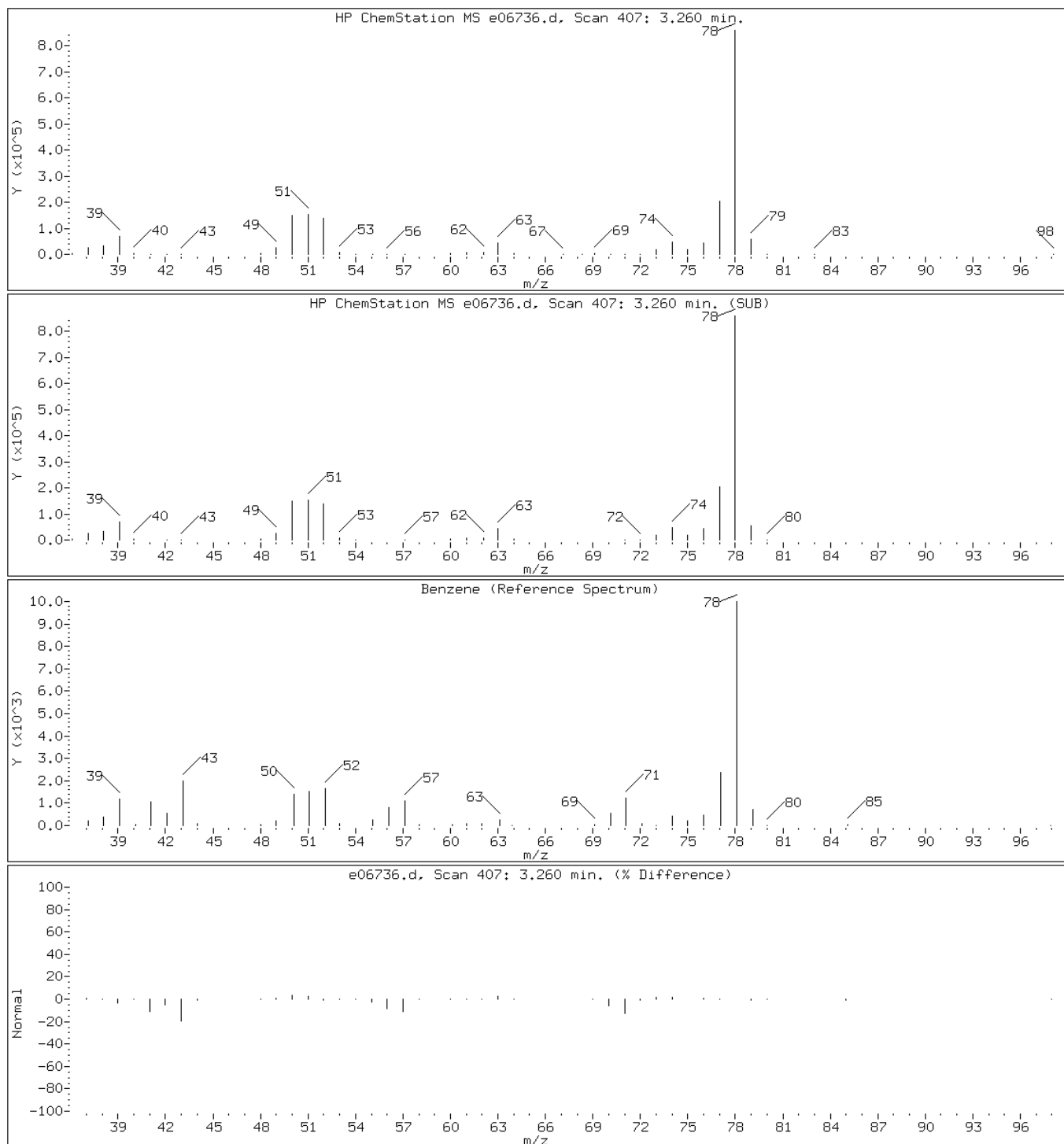
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06736.d

Date: 14-AUG-2012 10:05

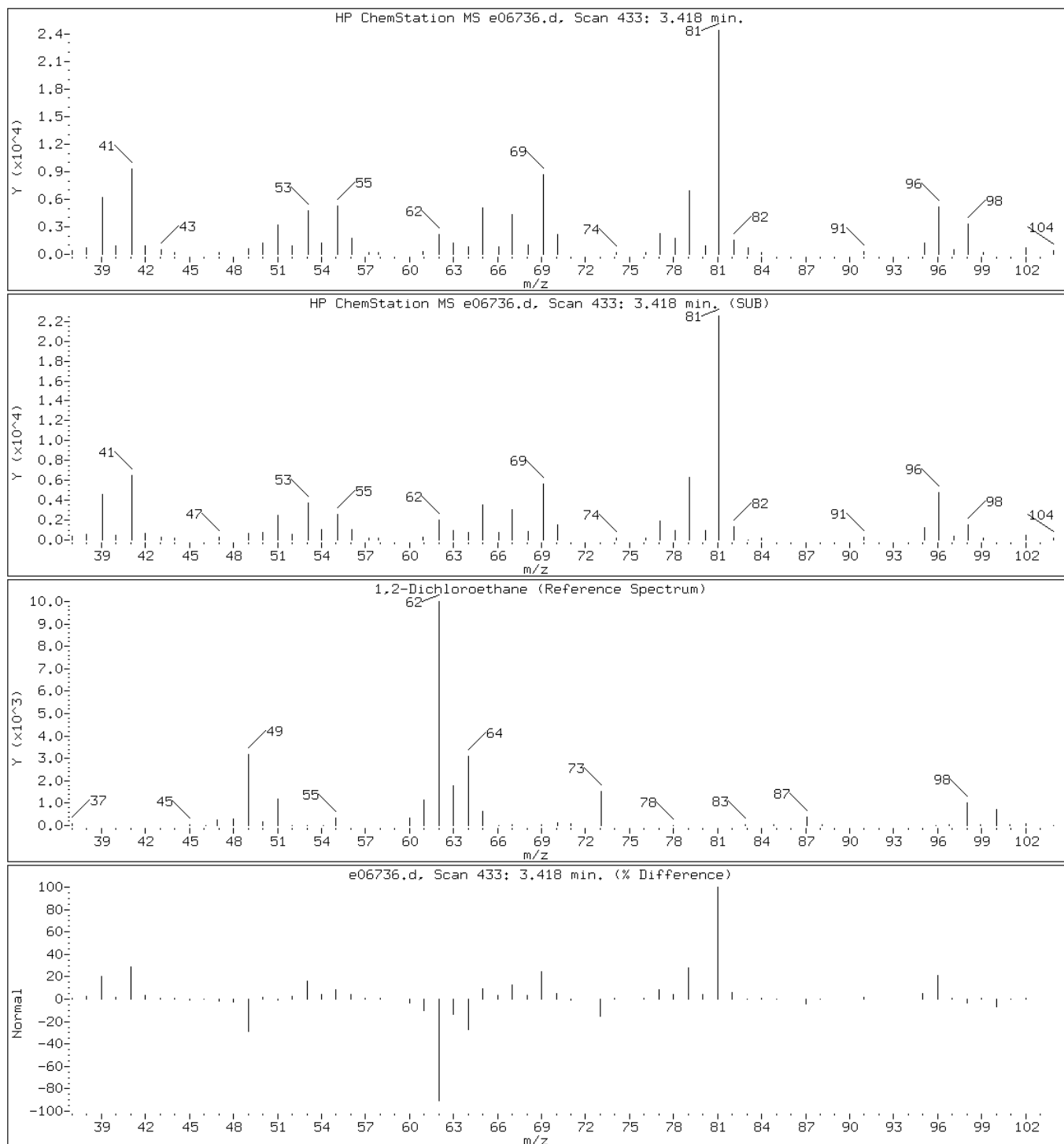
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e06736.d

Date: 14-AUG-2012 10:05

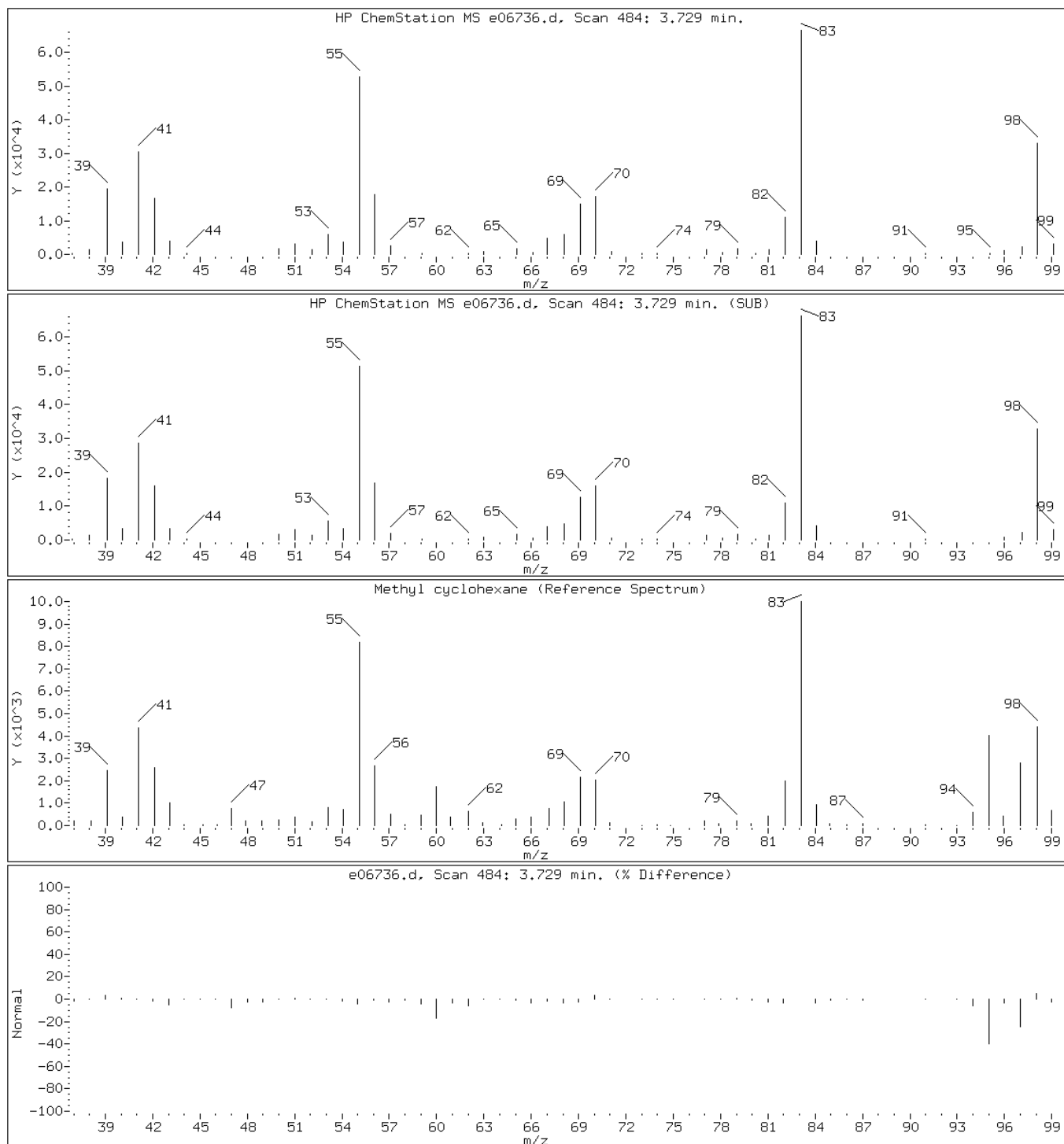
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06736.d

Date: 14-AUG-2012 10:05

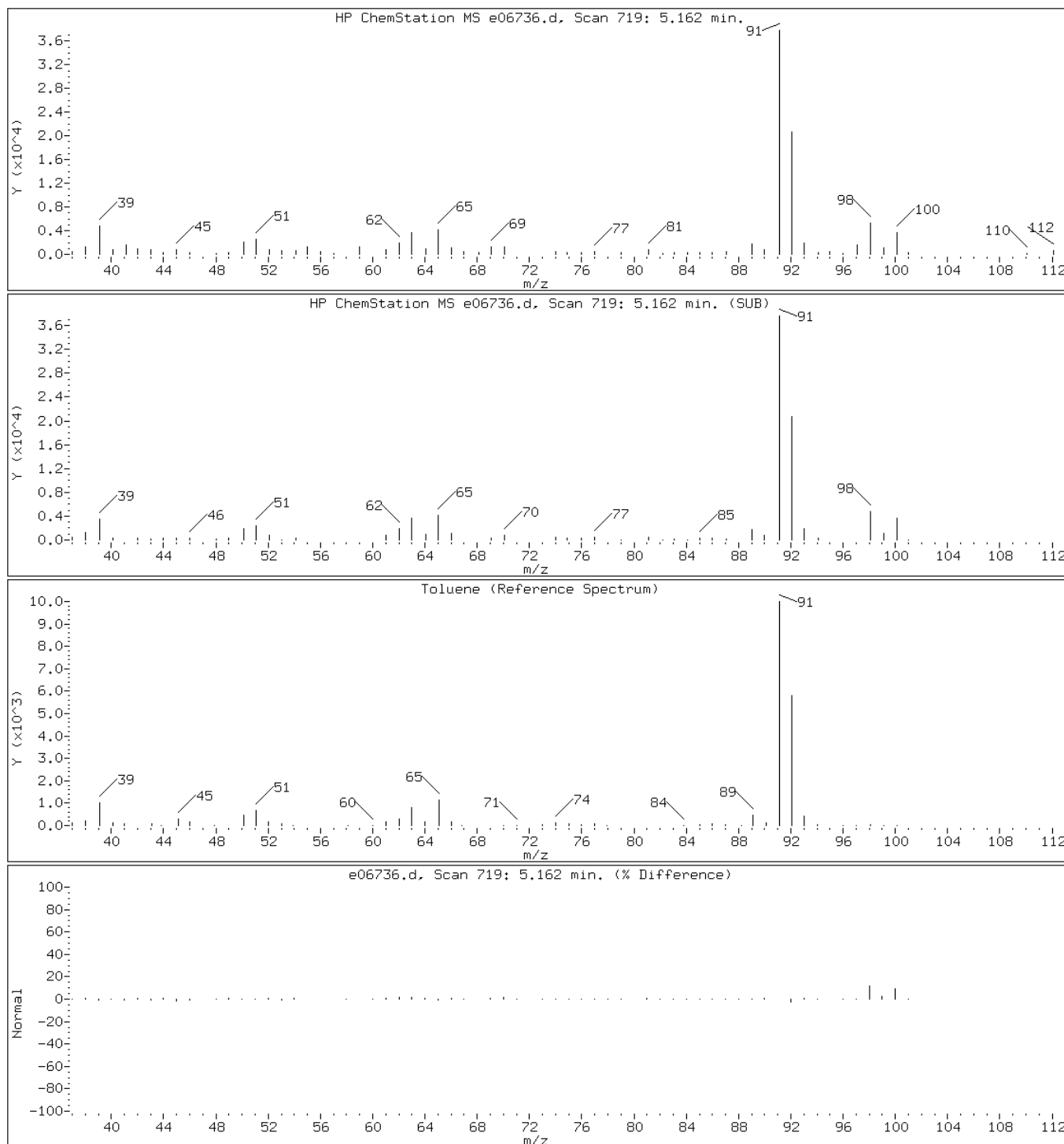
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06736.d

Date: 14-AUG-2012 10:05

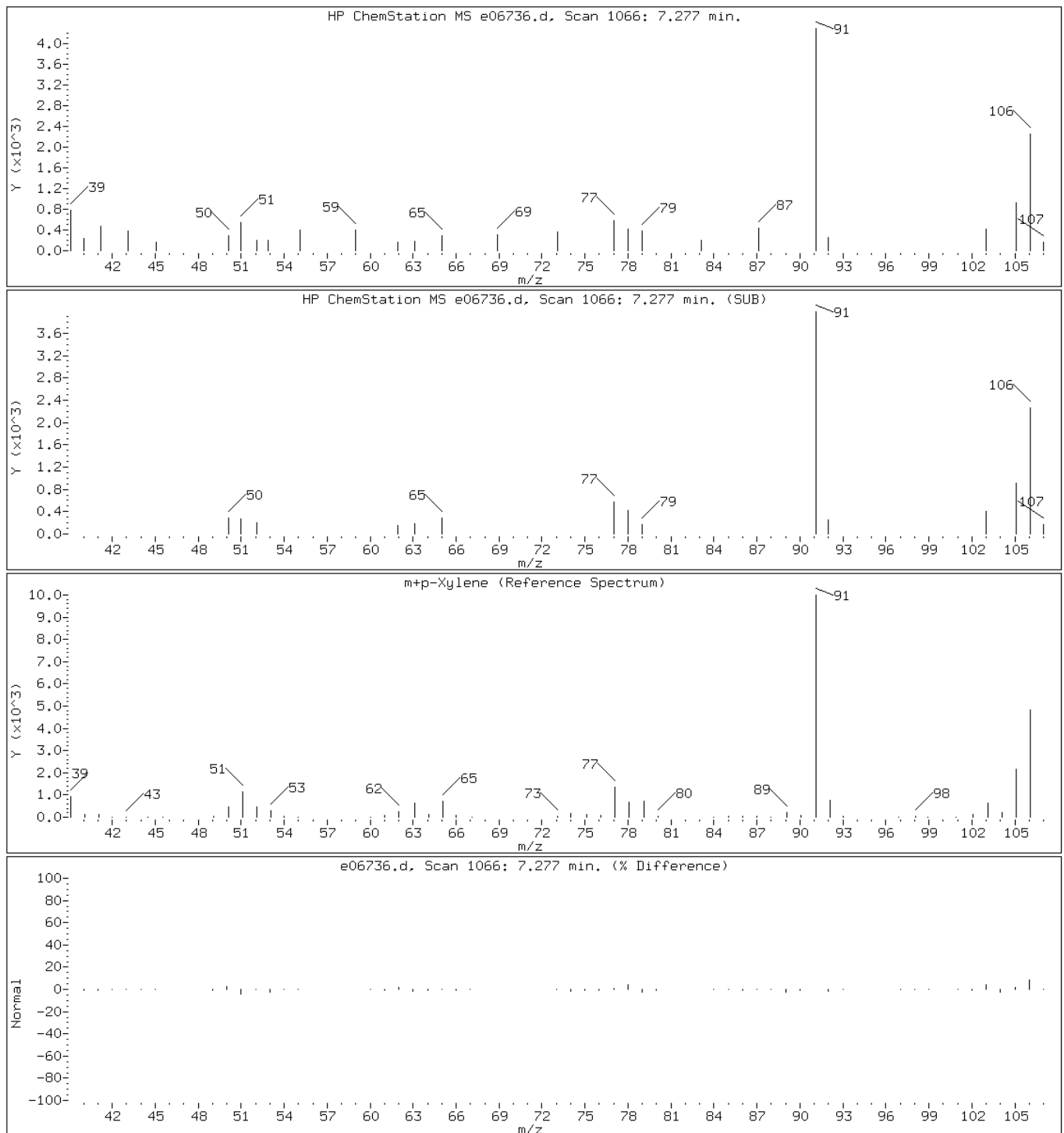
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06736.d

Date: 14-AUG-2012 10:05

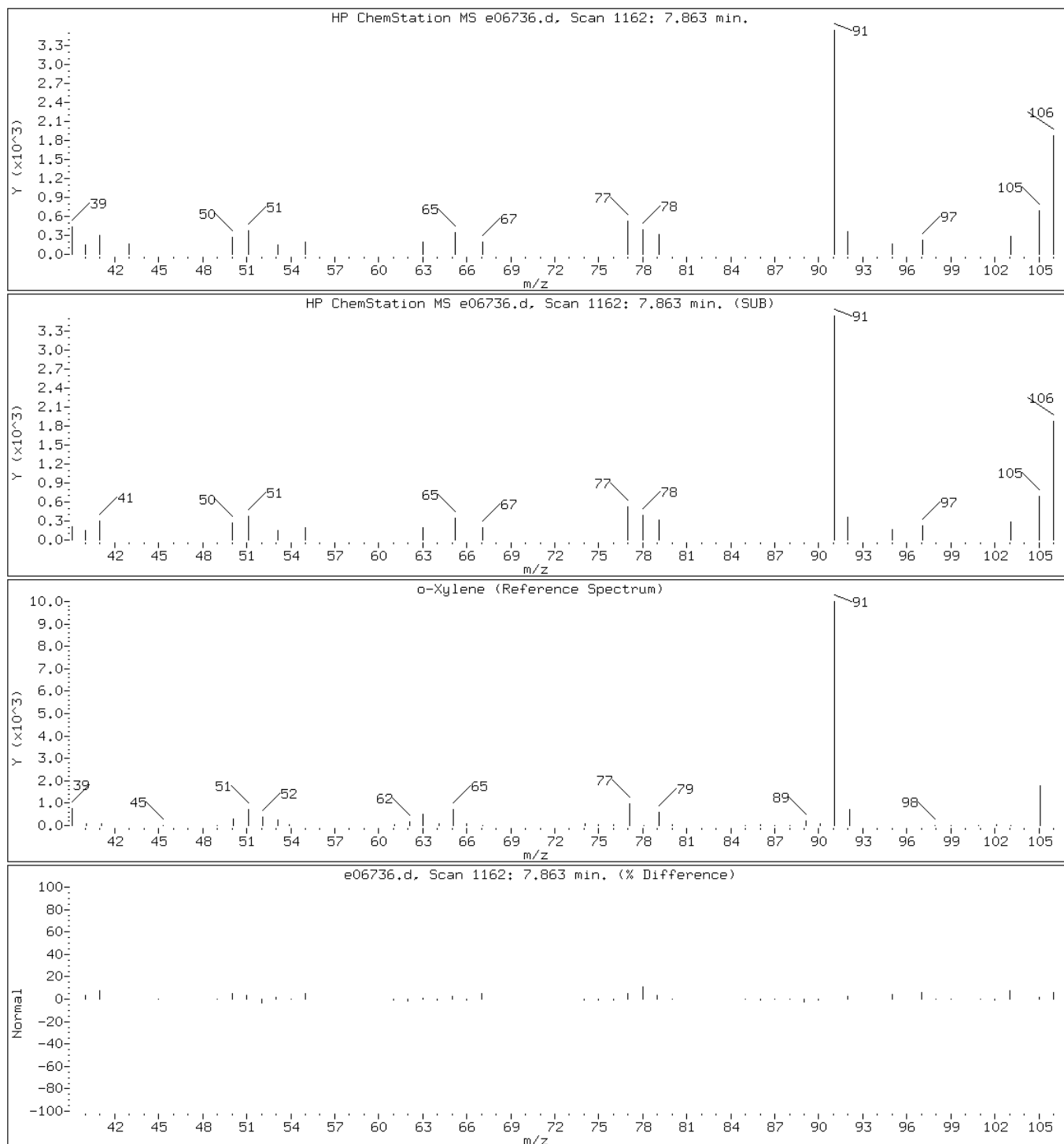
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06736.d

Date: 14-AUG-2012 10:05

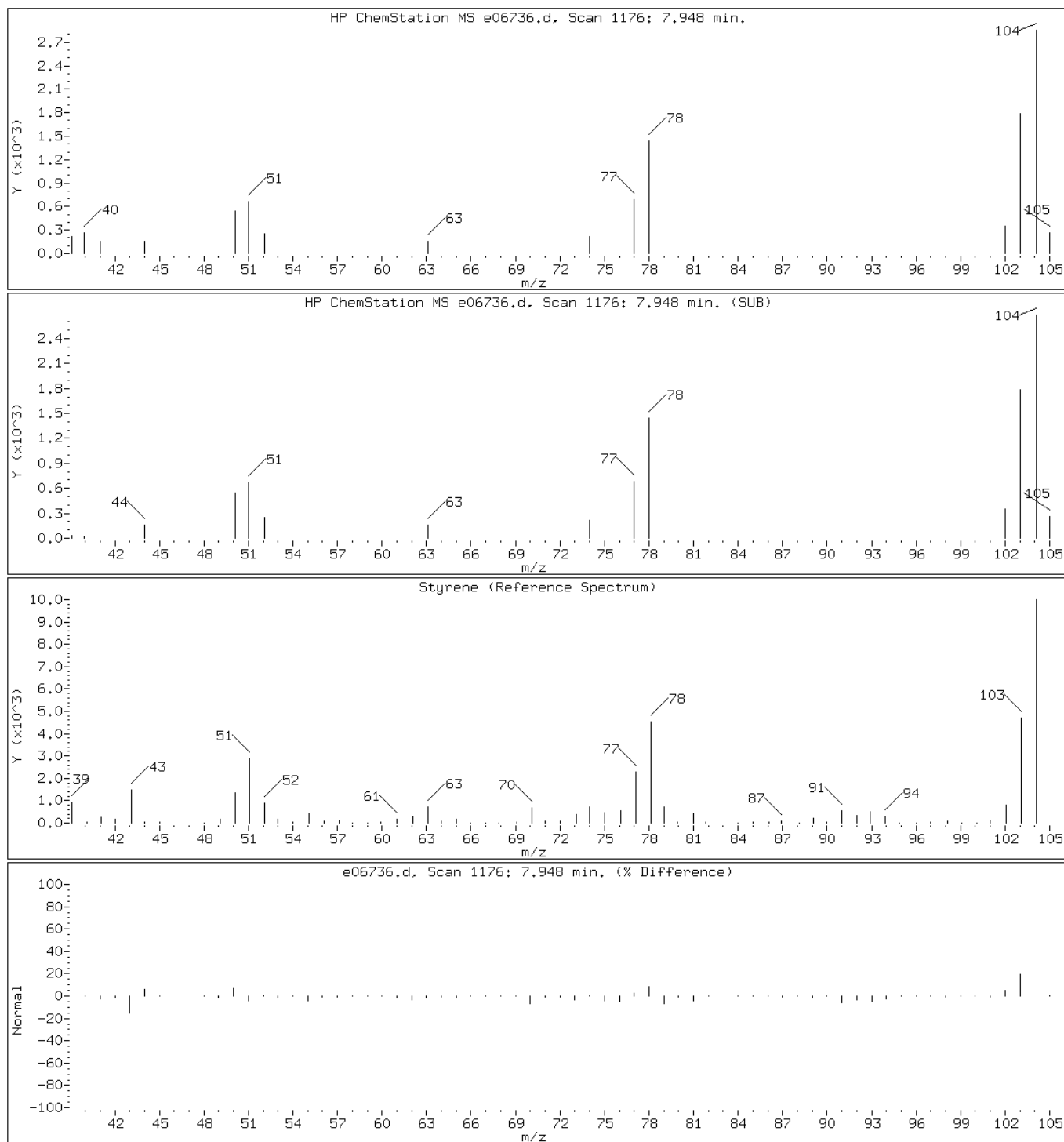
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06736.d

Date: 14-AUG-2012 10:05

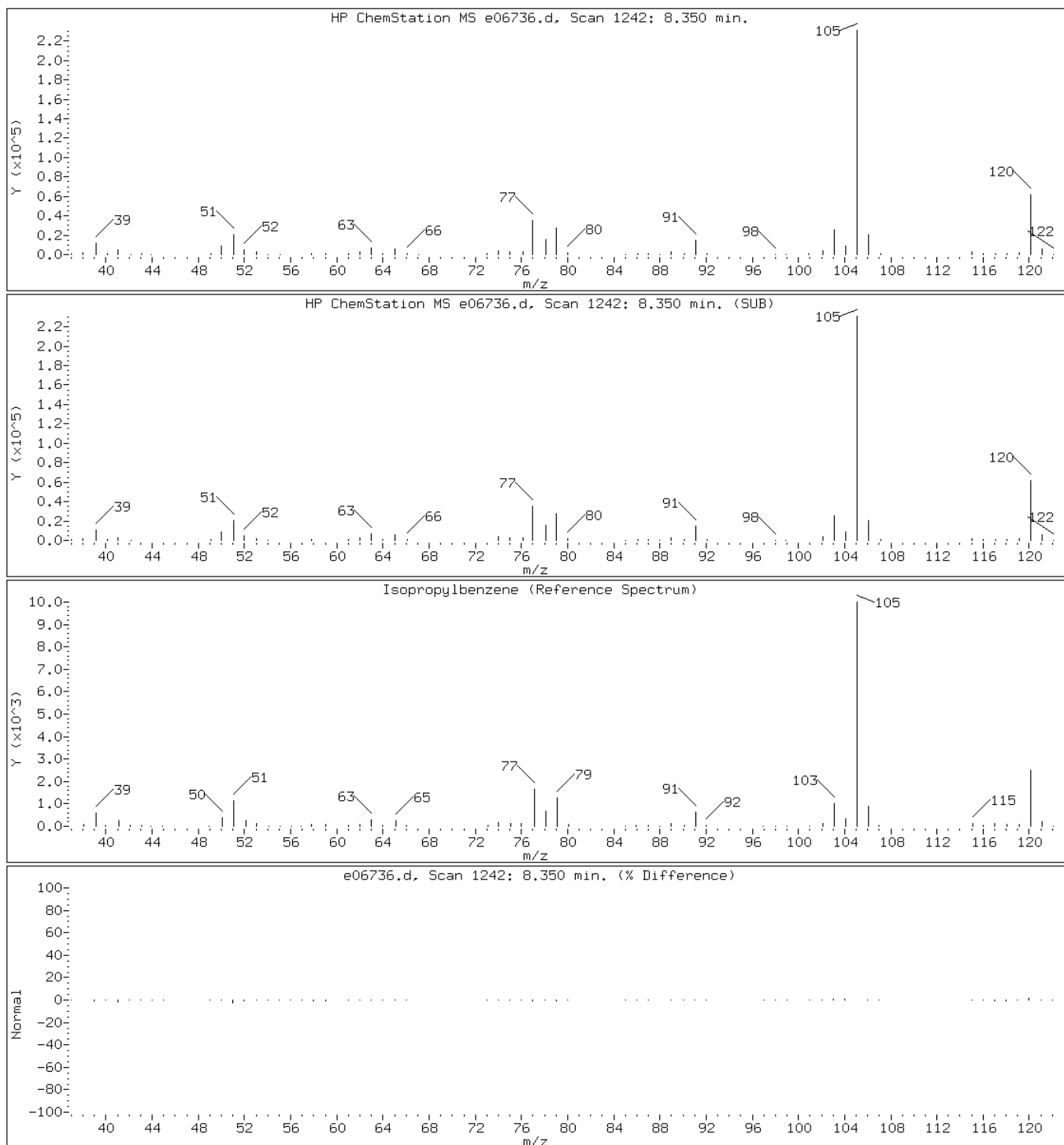
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

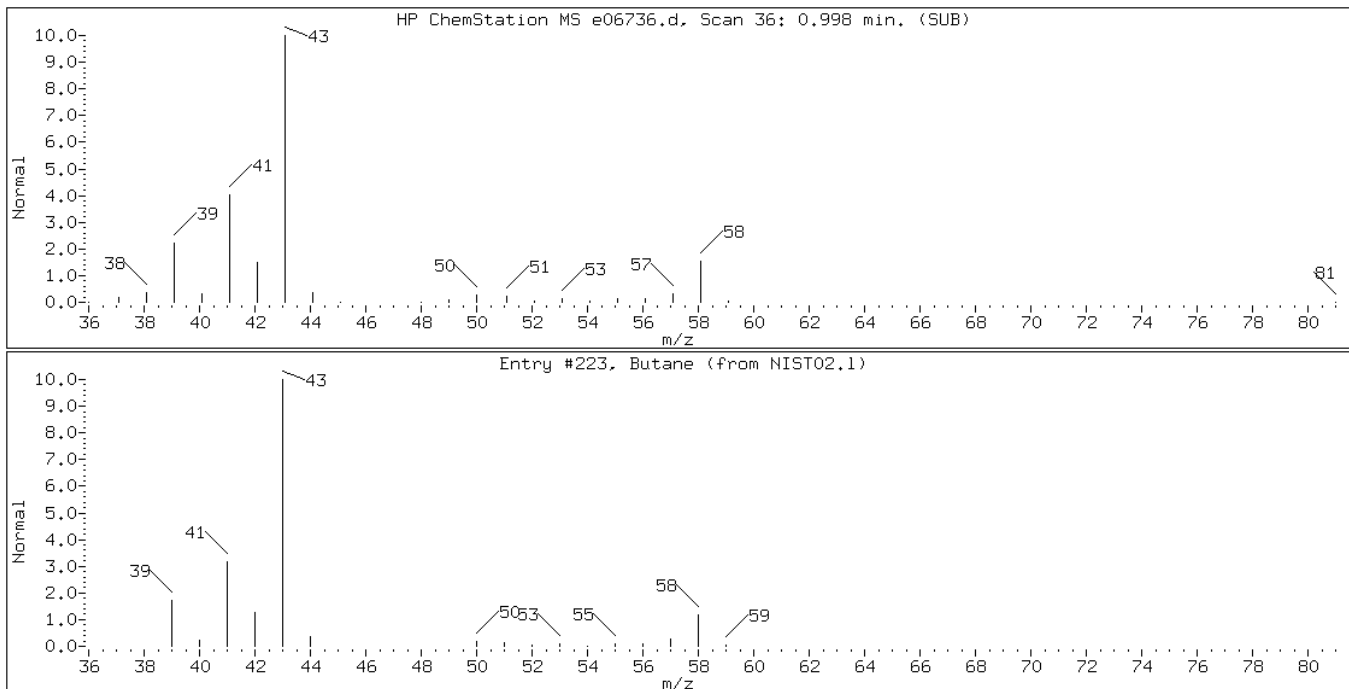
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

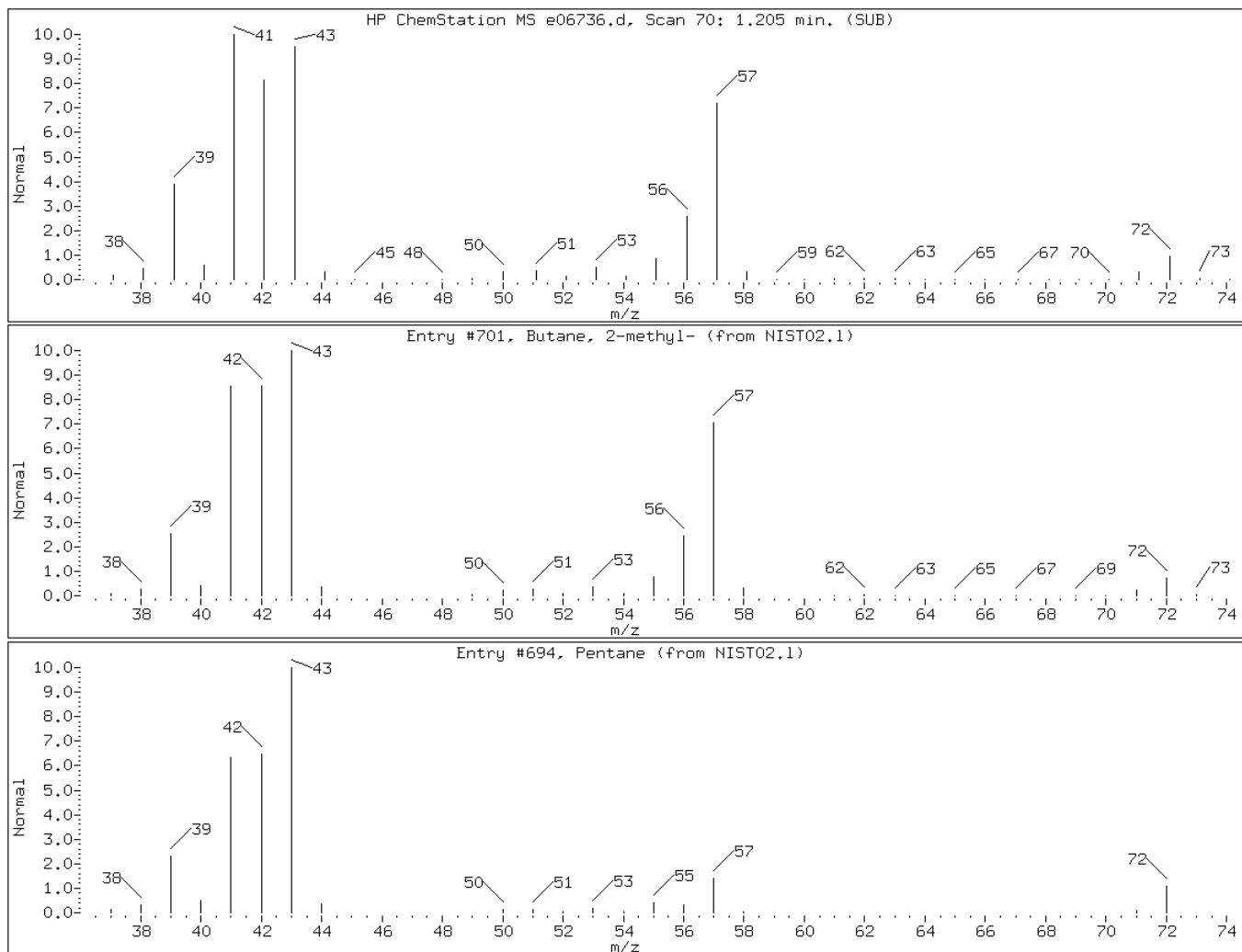
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

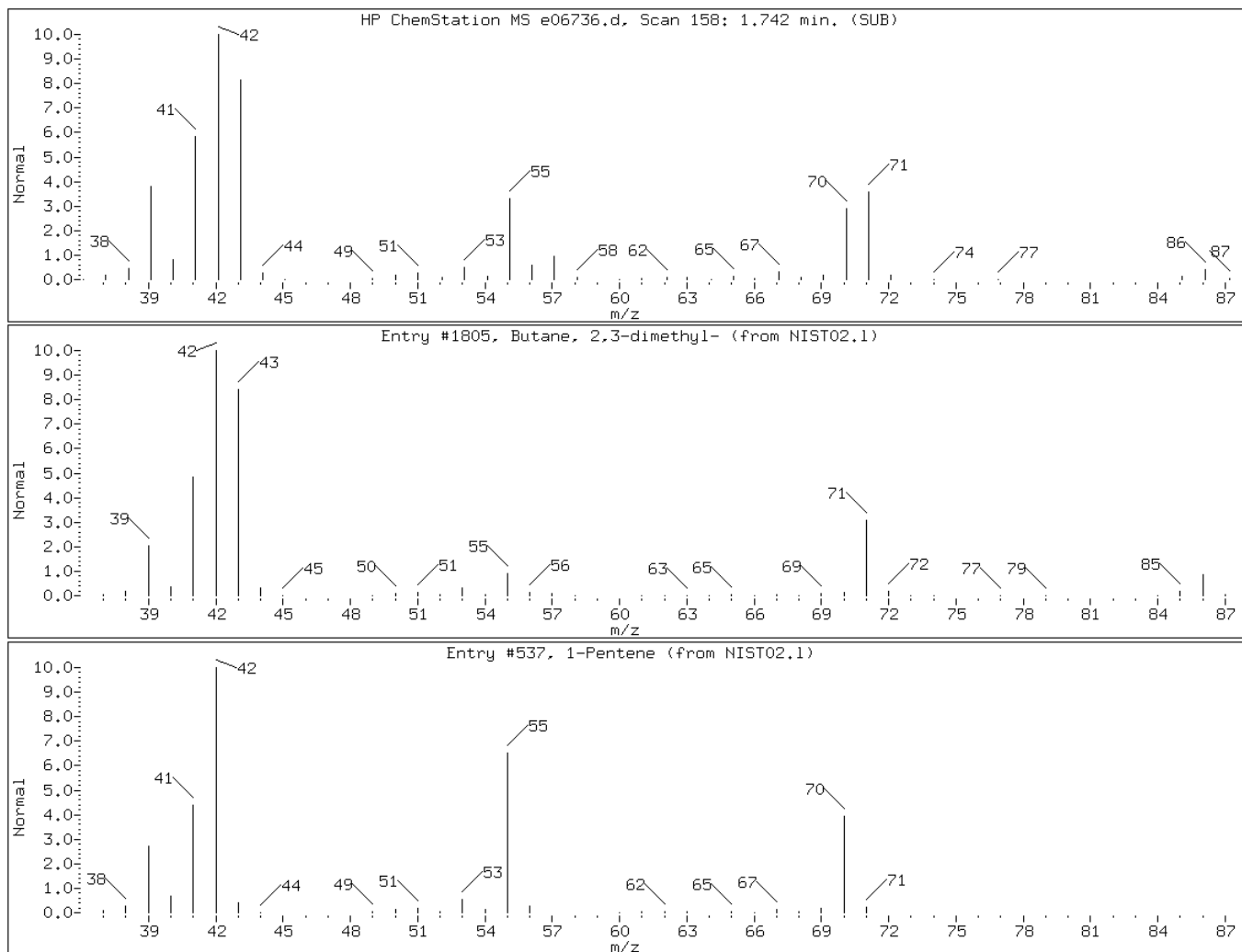
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

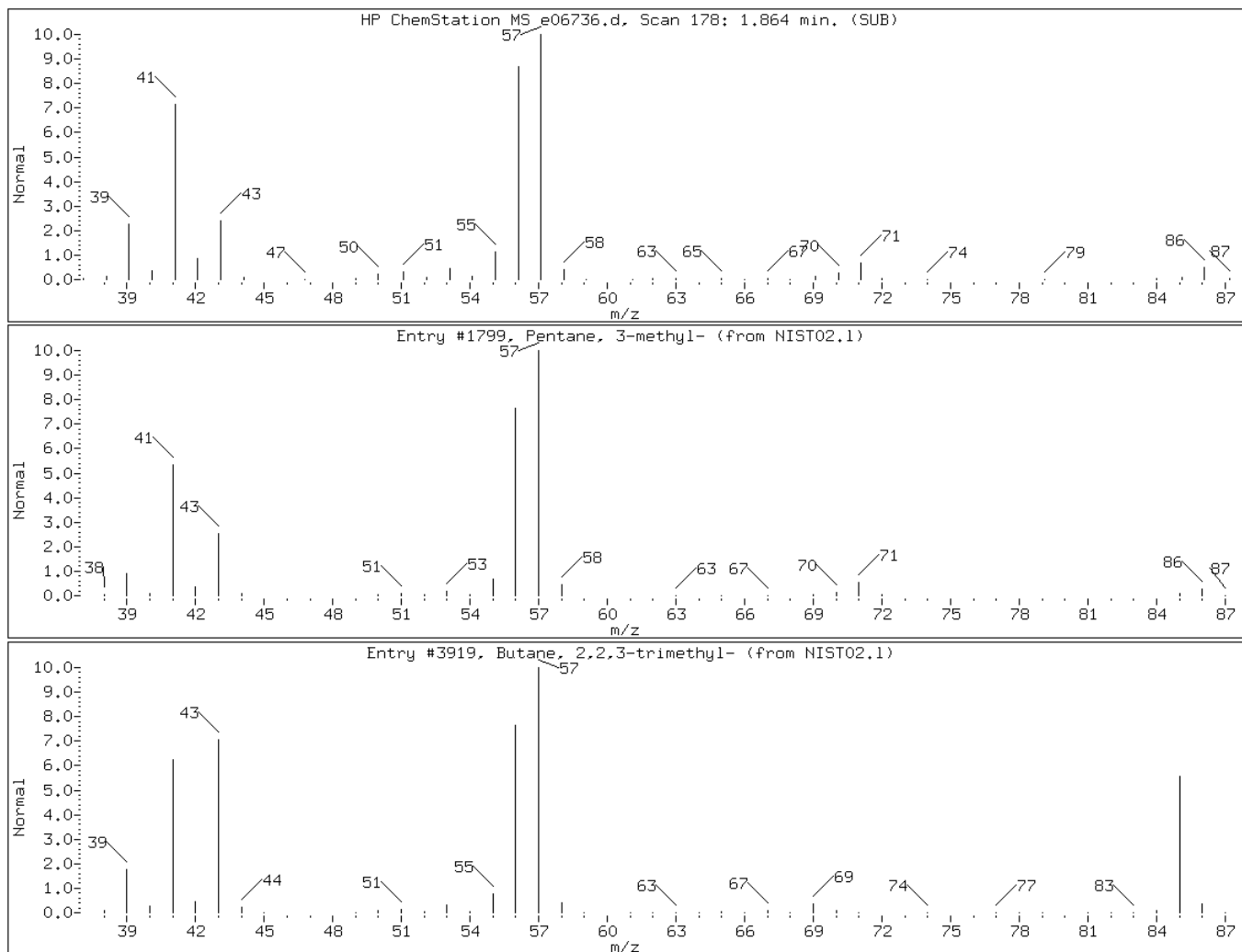
Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

Retention Time: 1.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H14 Alkane						
Pentane, 3-methyl-	96-14-0	NIST02.1	1799	90	C6H14	86
Butane, 2,2,3-trimethyl-	464-06-2	NIST02.1	3919	64	C7H16	100



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

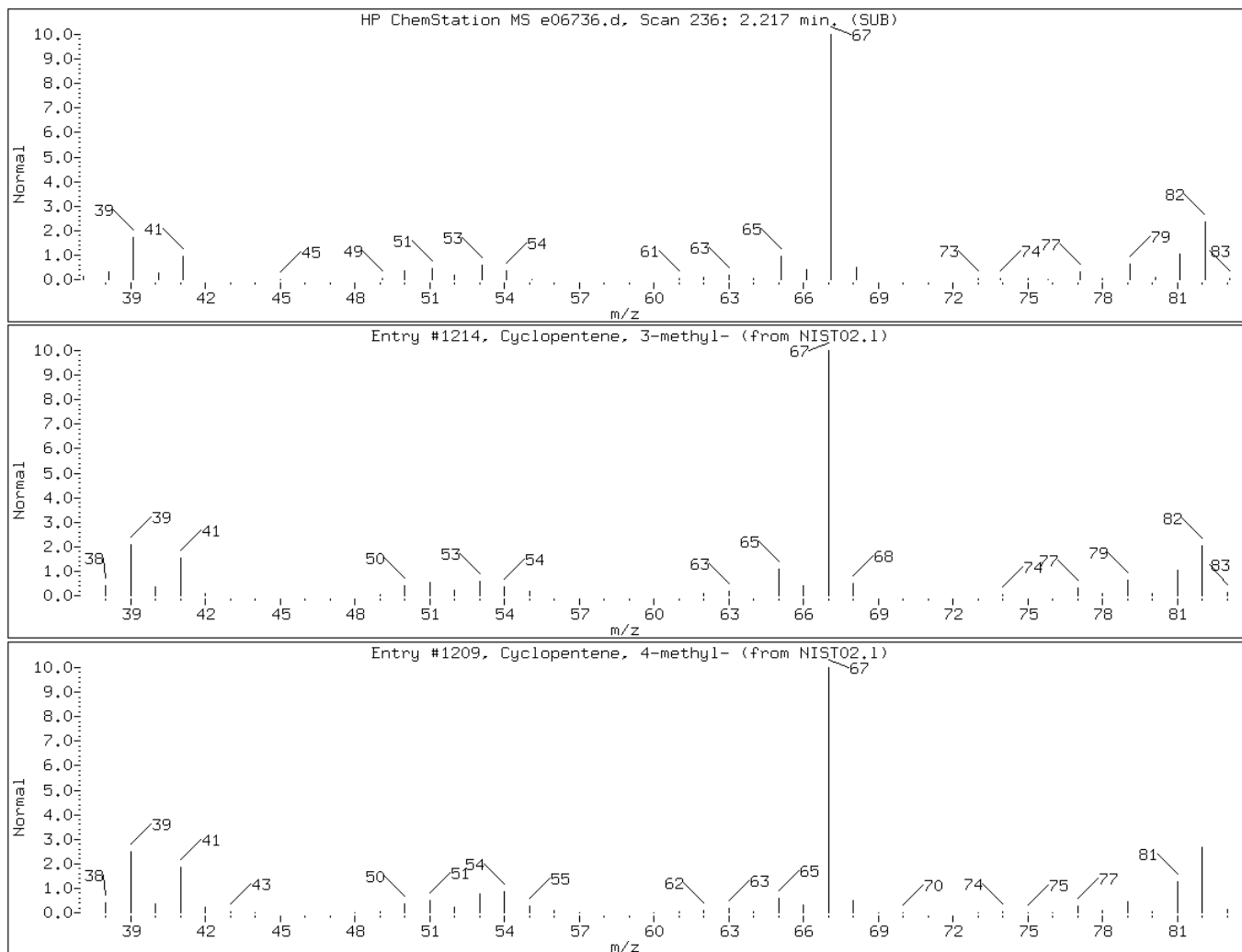
Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

Retention Time: 2.22

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



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

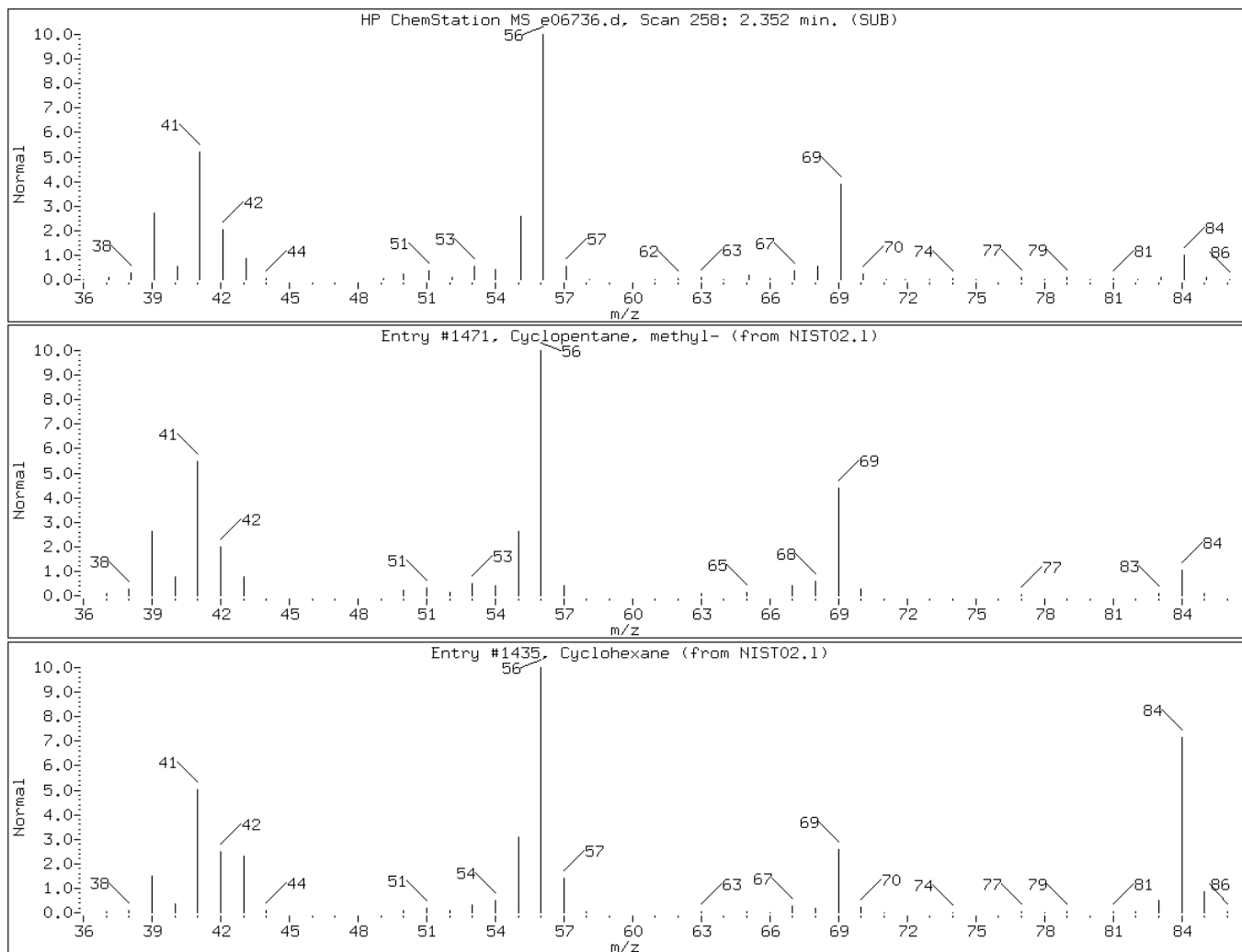
Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1471	94	C6H12	84
Cyclohexane	110-82-7	NIST02.1	1435	90	C6H12	84



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

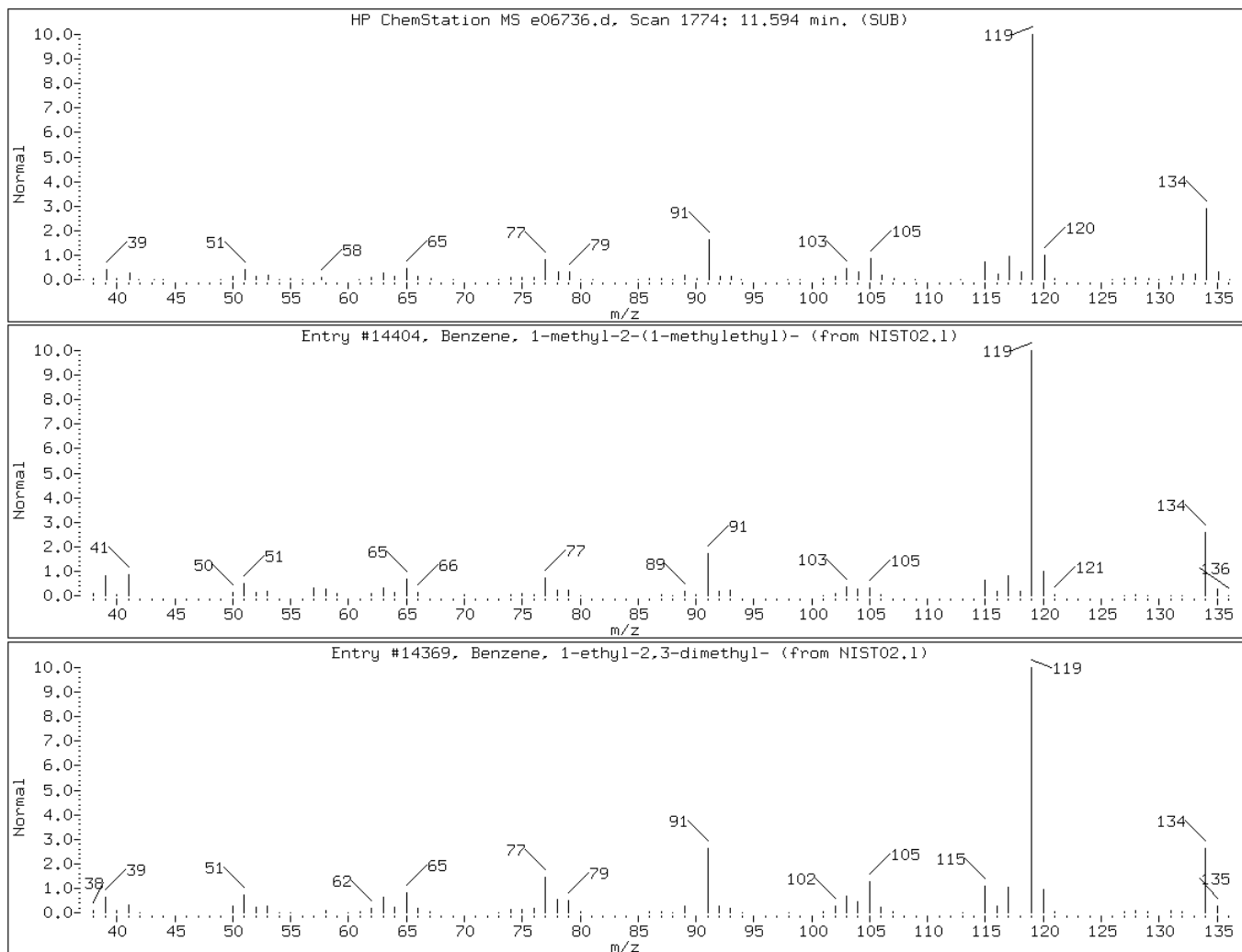
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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	97	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.1	14369	96	C10H14	134



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

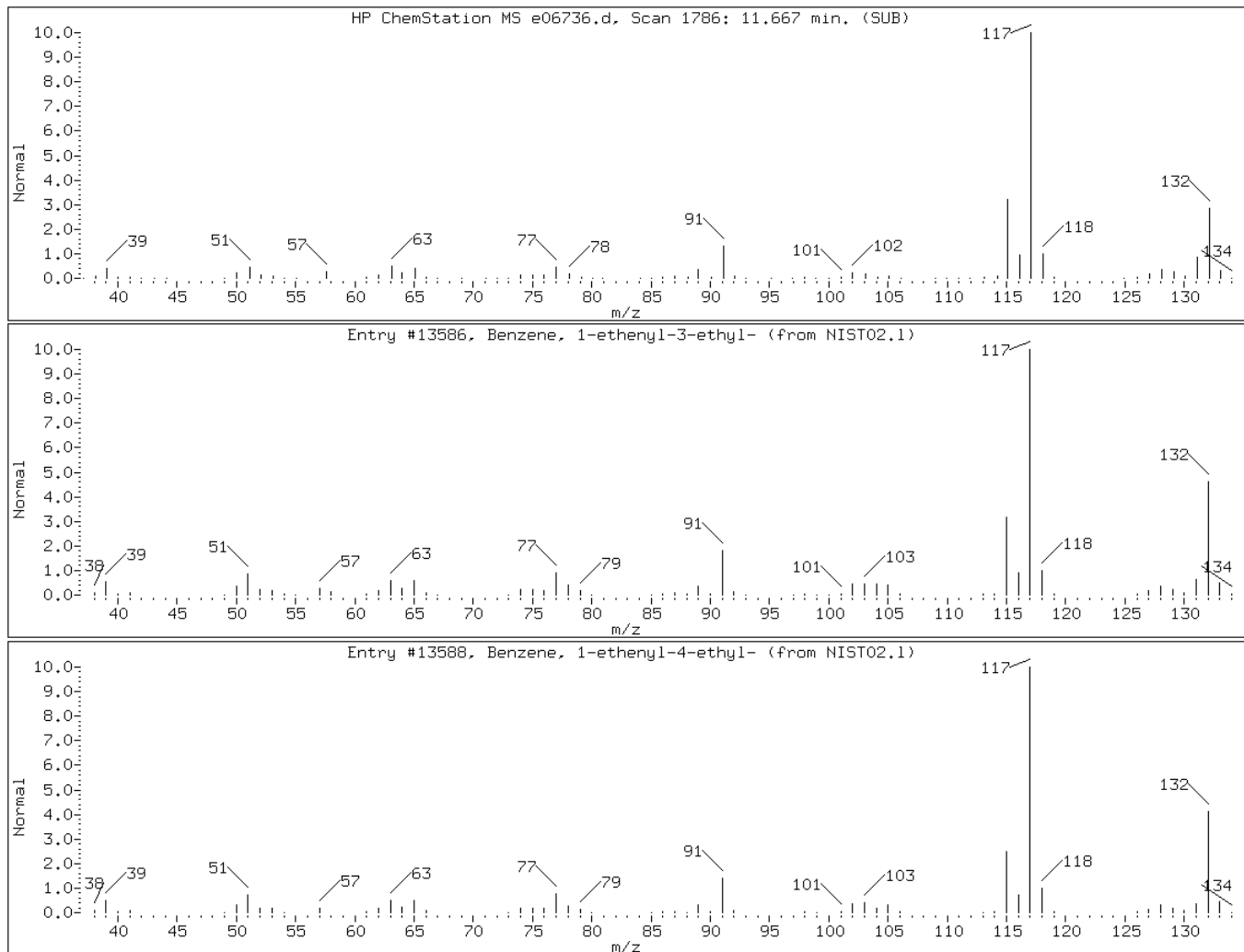
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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, 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: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

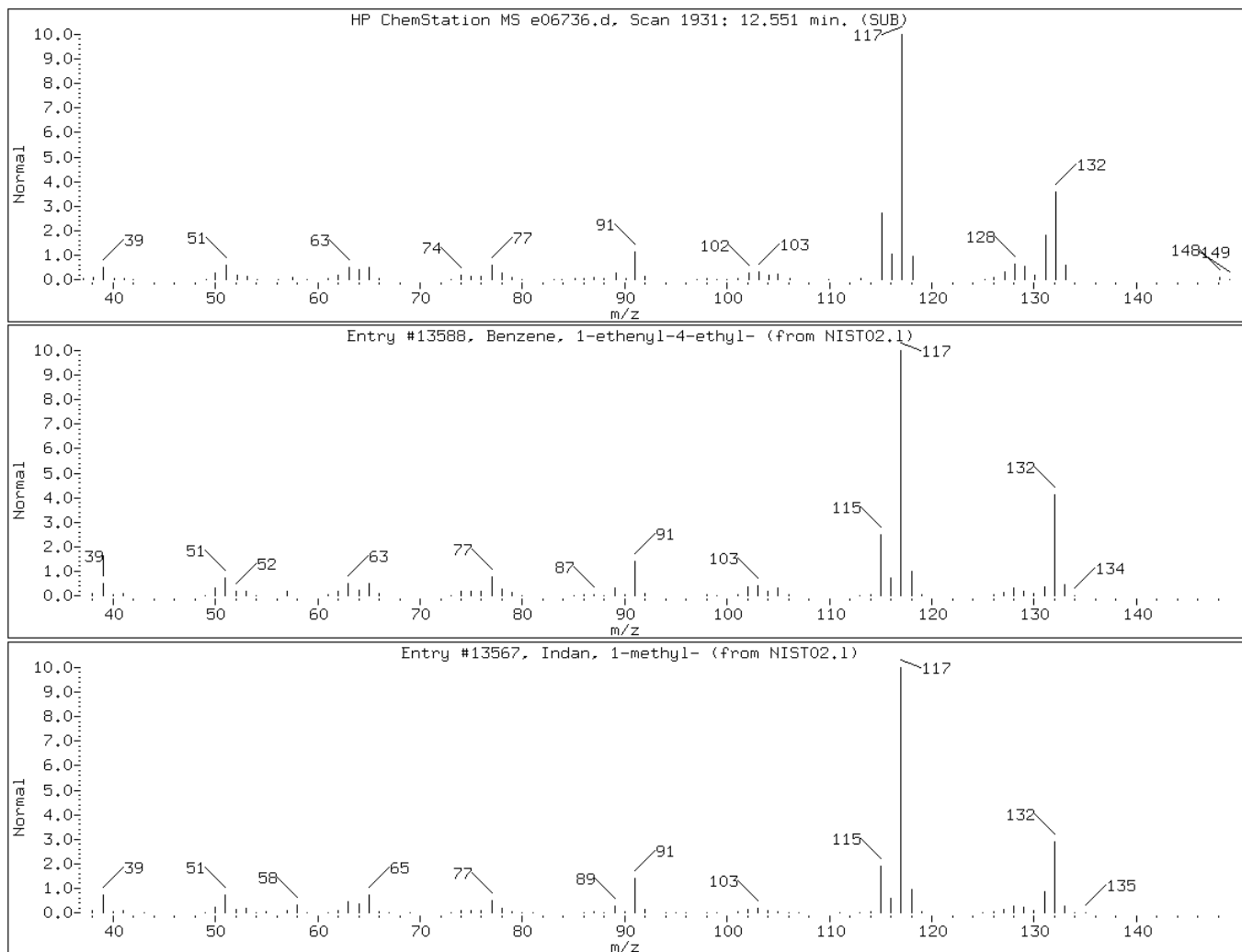
Instrument: VOAMS5.i

Sample Info: 460-43461-B-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	NIST02.1	13588	94	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.1	13567	91	C10H12	132



Data File: e06736.d

Date: 14-AUG-2012 10:05

Client ID:

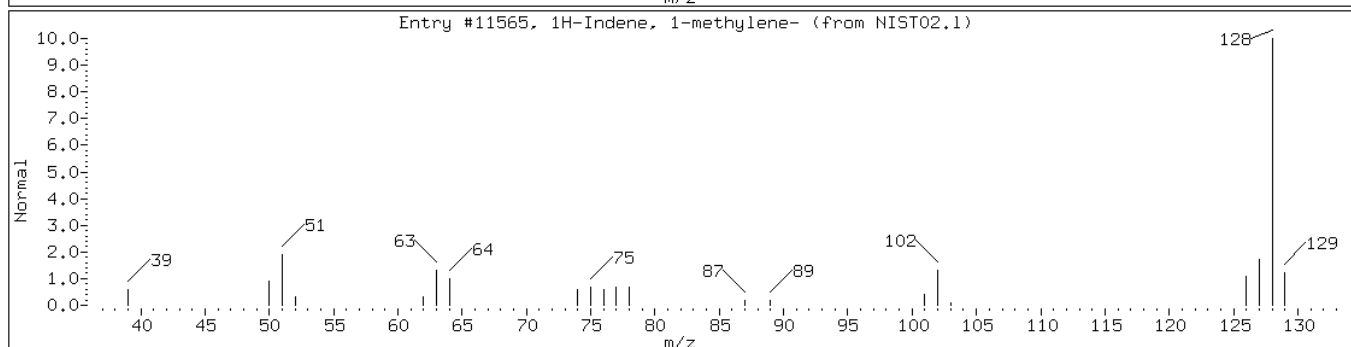
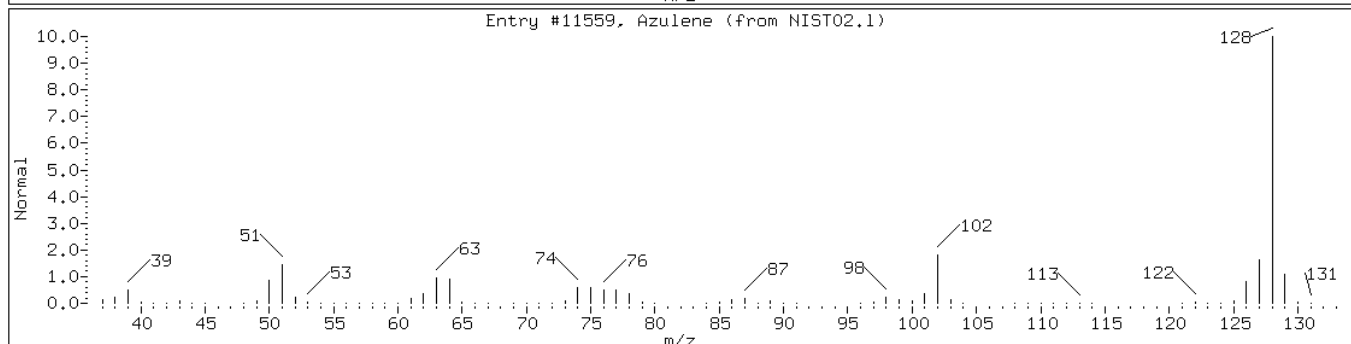
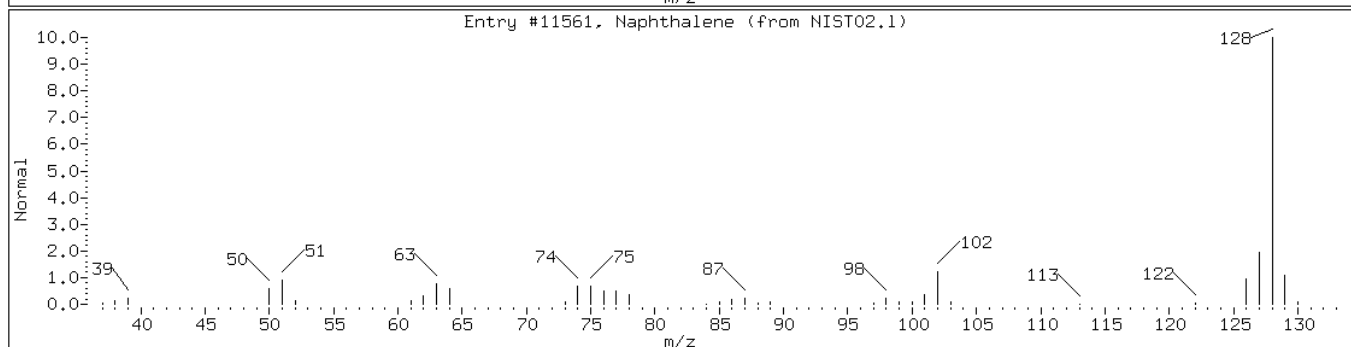
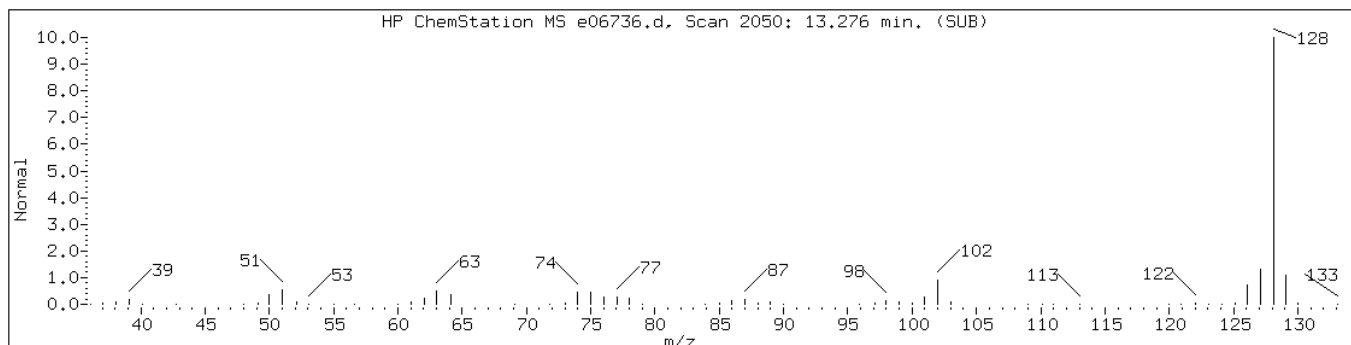
Instrument: VOAMS5.i

Sample Info: 460-43461-B-2

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	11561	95	C ₁₀ H ₈	128
Azulene	275-51-4	NIST02.1	11559	91	C ₁₀ H ₈	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	86	C ₁₀ H ₈	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-3
 Matrix: Water Lab File ID: e06741.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:02
 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)	8.0		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	20		1.0	0.10
110-82-7	Cyclohexane	28		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	130		1.0	0.080
107-06-2	1,2-Dichloroethane	0.78	J	1.0	0.19
79-01-6	Trichloroethene	0.090	U	1.0	0.090
108-87-2	Methylcyclohexane	24		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	4.4		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-3
 Matrix: Water Lab File ID: e06741.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:02
 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	1.1	J	3.0	0.36
100-42-5	Styrene	0.42	J	1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	27		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
460-00-4	4-Bromofluorobenzene	102		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-3
 Matrix: Water Lab File ID: e06741.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:10
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:02
 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: 658

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	140	J
	C5H12 Alkane	1.21	190	J
	C5H10 Cycloalkane	1.74	100	J
	C6H10 Cycloalkene	2.22	36	J
	C6H12 Cycloalkane	2.35	50	J
496-11-7	Indane	10.77	22	J N
	Ethyl dimethylbenzene isomer	11.59	25	J
	C10H12 Aromatic	11.67	40	J
	2,3-dihydro-methyl-1H-Indene isomer	12.55	26	J
91-20-3	Naphthalene	13.28	29	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06741.d
 Report Date: 15-Aug-2012 09:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06741.d
 Lab Smp Id: 460-43461-A-3
 Inj Date : 14-AUG-2012 12:02
 Operator : GC/MS VOAMS5
 Smp Info : 460-43461-A-3
 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 05:35 Cal File: e06727.d
 Als bottle: 15
 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)	
38 2-Butanone	72	3.064	3.071	(0.852)	3898	8.00569	8.0	
44 Cyclohexane	56	2.784	2.778	(0.774)	133146	28.3610	28	
48 Benzene	78	3.260	3.260	(0.469)	1370367	134.295	130	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	225300	55.2410	55	
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	3447	0.77626	0.78(a)	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	663918	50.0000		
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	115031	24.4214	24	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	663029	50.2587	50	
66 Toluene	91	5.162	5.162	(0.742)	57141	4.43426	4.4	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	575682	50.0000		
81 Ethylbenzene	106	7.064	7.064	(1.016)	98732	20.4284	20	
82 m+p-Xylene	106	7.277	7.277	(1.046)	3763	0.61270	0.61(a)	
84 o-Xylene	106	7.862	7.862	(1.131)	3182	0.51282	0.51(a)	
85 Styrene	104	7.948	7.942	(1.143)	4481	0.41602	0.42(a)	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	453799	27.2302	27	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	322496	50.9059	51	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06741.d
 Report Date: 15-Aug-2012 09:48

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	====	==	=====	=====	=====	=====	=====	
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	368546	50.0000		
M 121 Xylene (Total)	100				6945	1.12552	1.1(a)	

QC Flag Legend

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

Data File: e06741.d

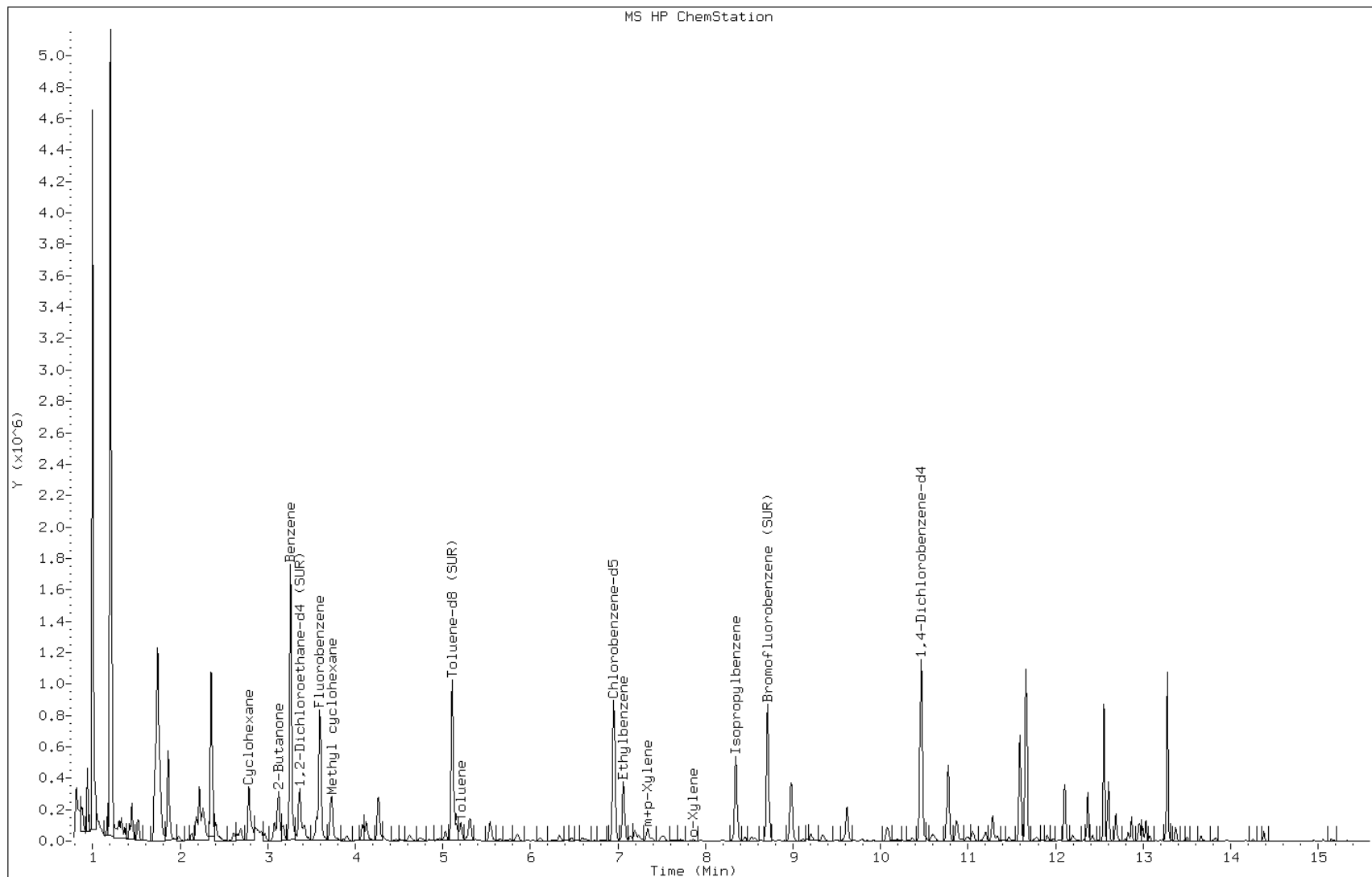
Date: 14-AUG-2012 12:02

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5



Data File: e06741.d

Date: 14-AUG-2012 12:02

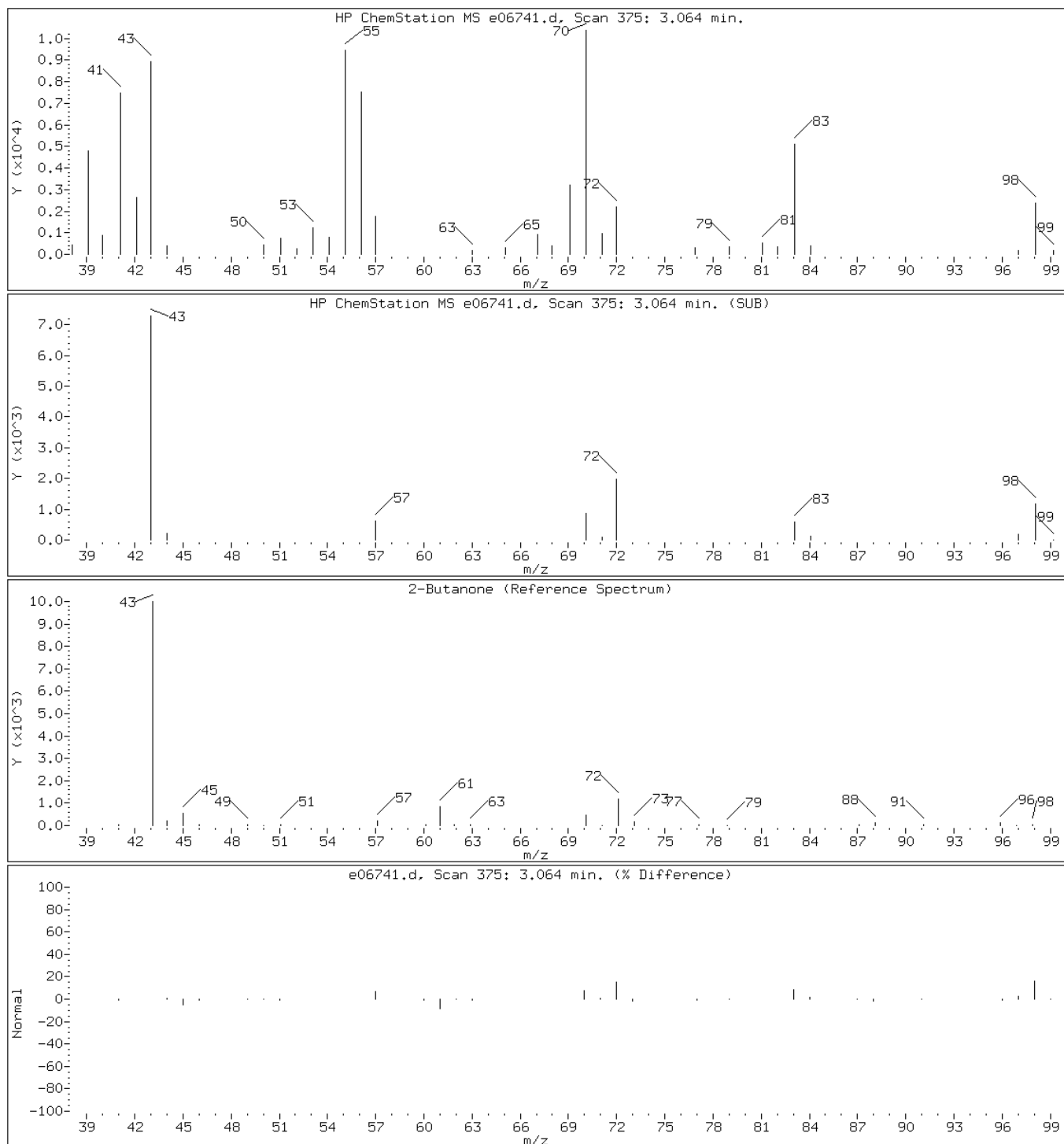
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06741.d

Date: 14-AUG-2012 12:02

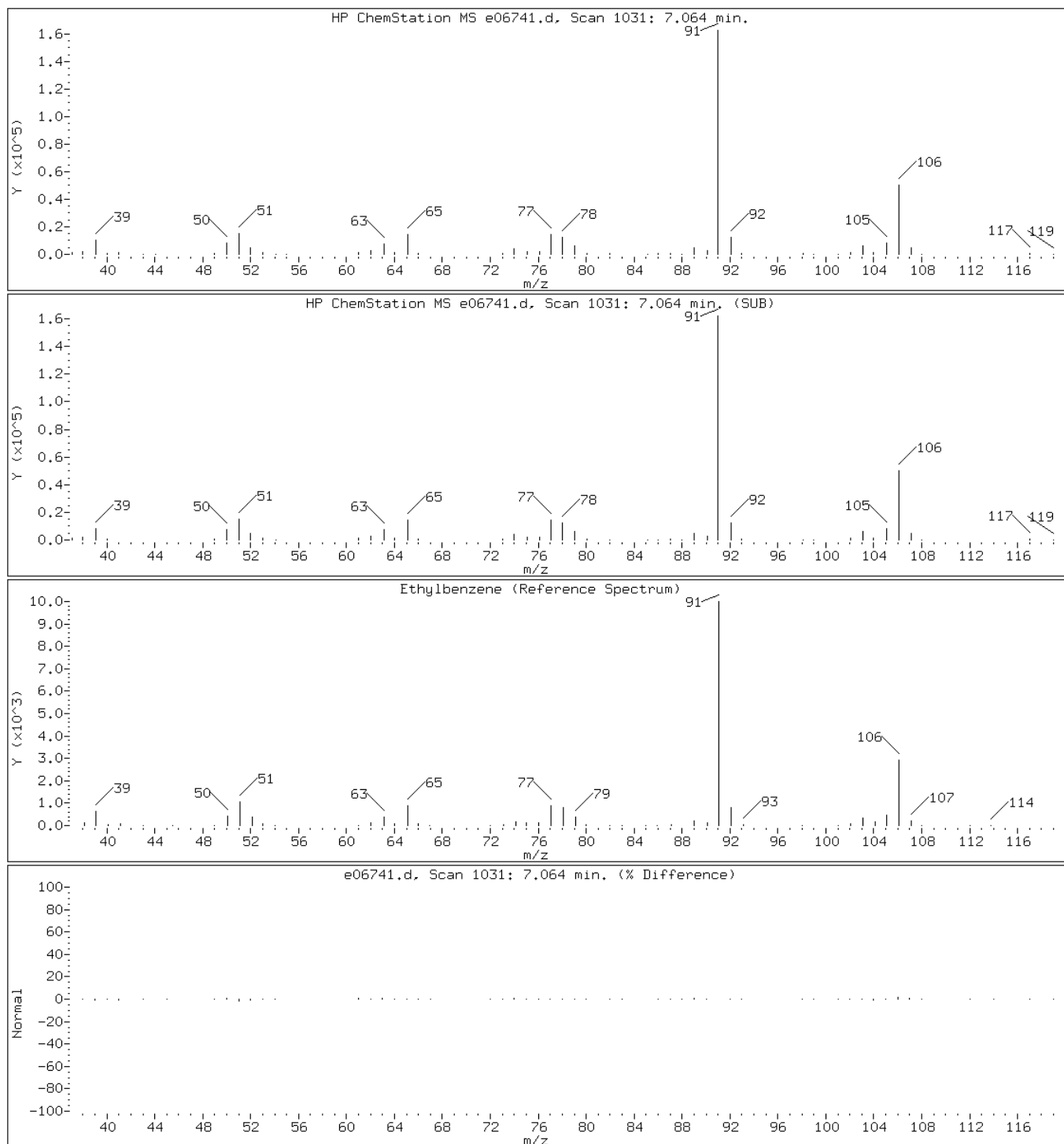
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Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06741.d

Date: 14-AUG-2012 12:02

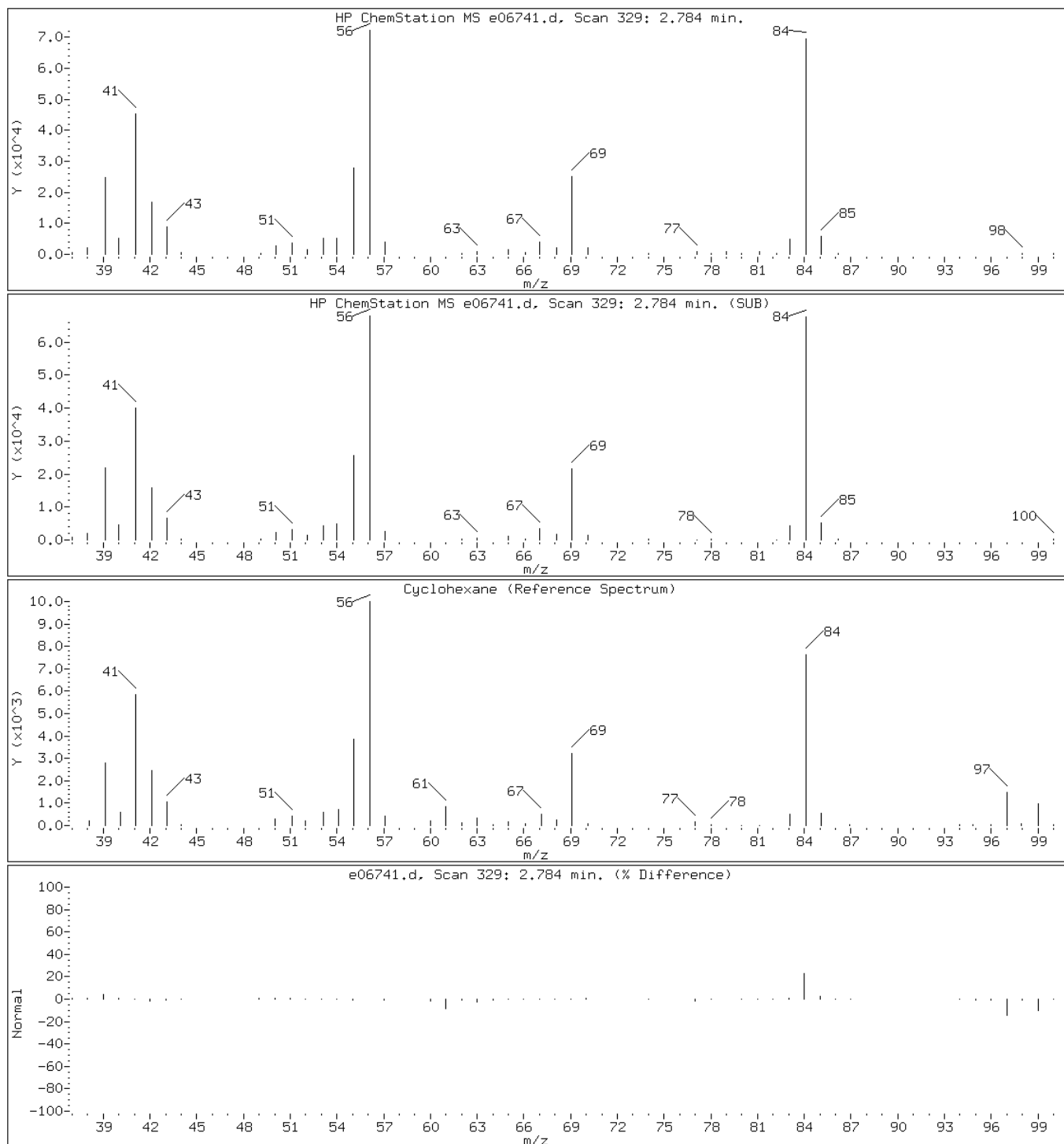
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06741.d

Date: 14-AUG-2012 12:02

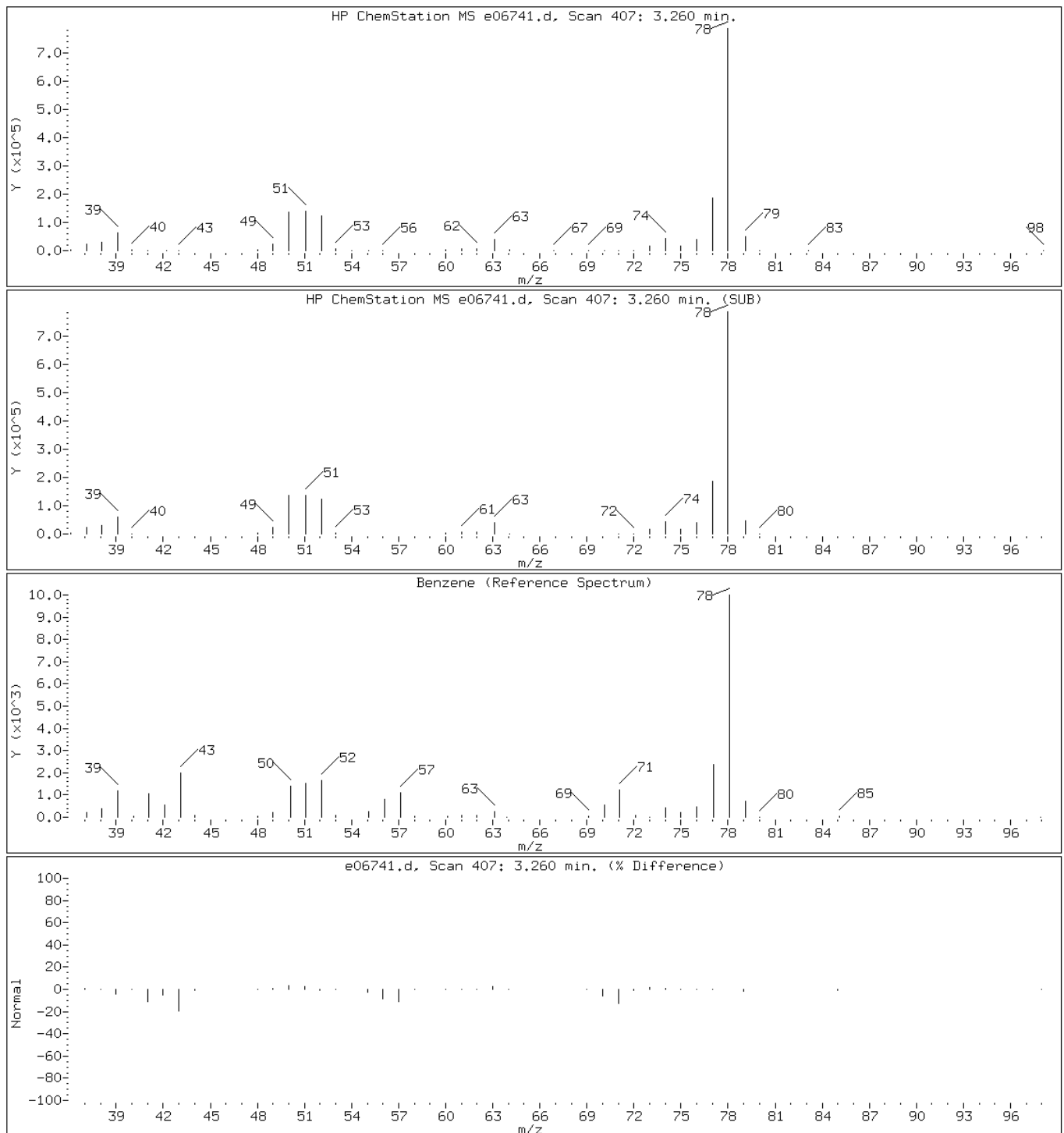
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06741.d

Date: 14-AUG-2012 12:02

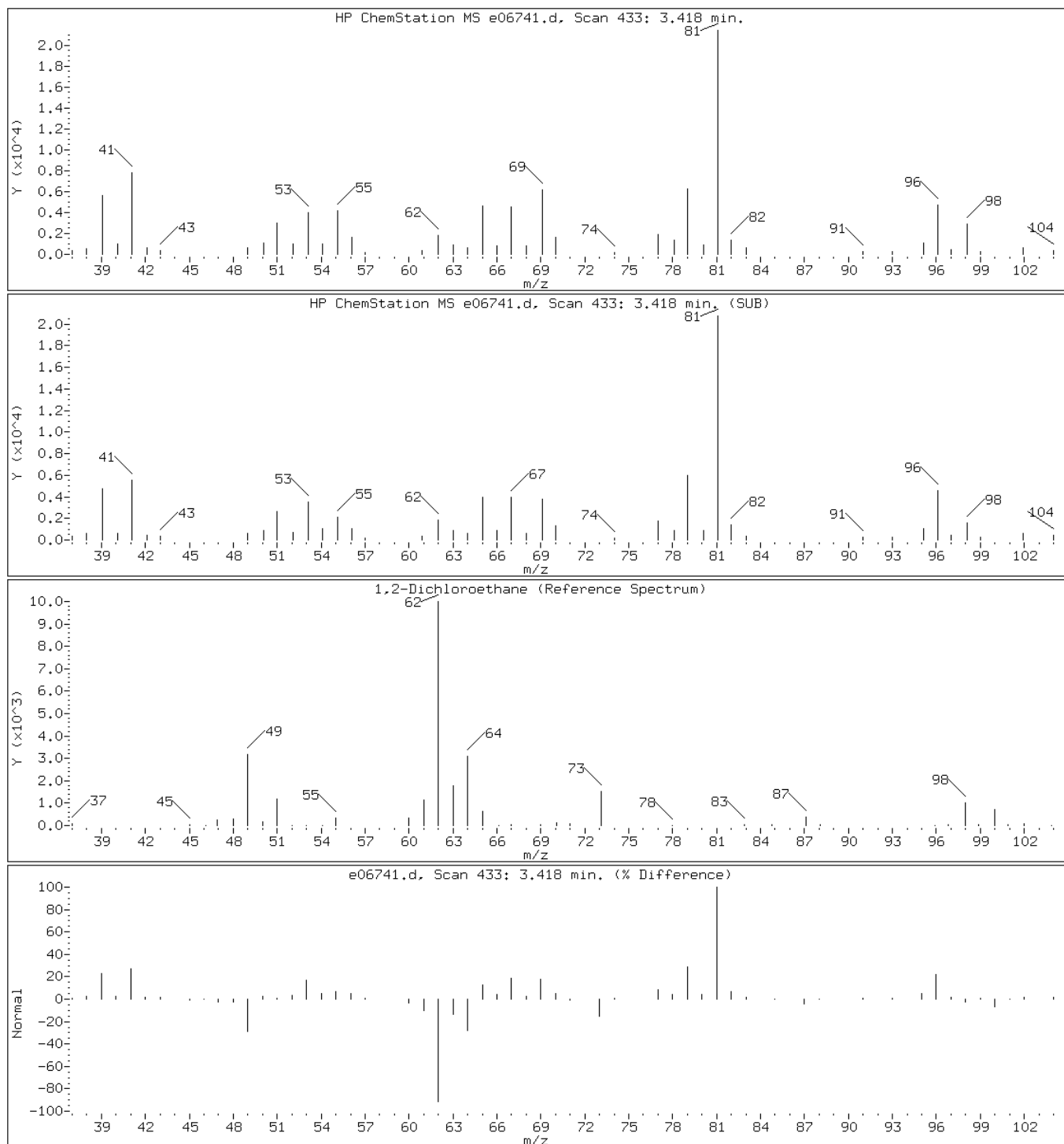
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

49 1,2-Dichloroethane



Data File: e06741.d

Date: 14-AUG-2012 12:02

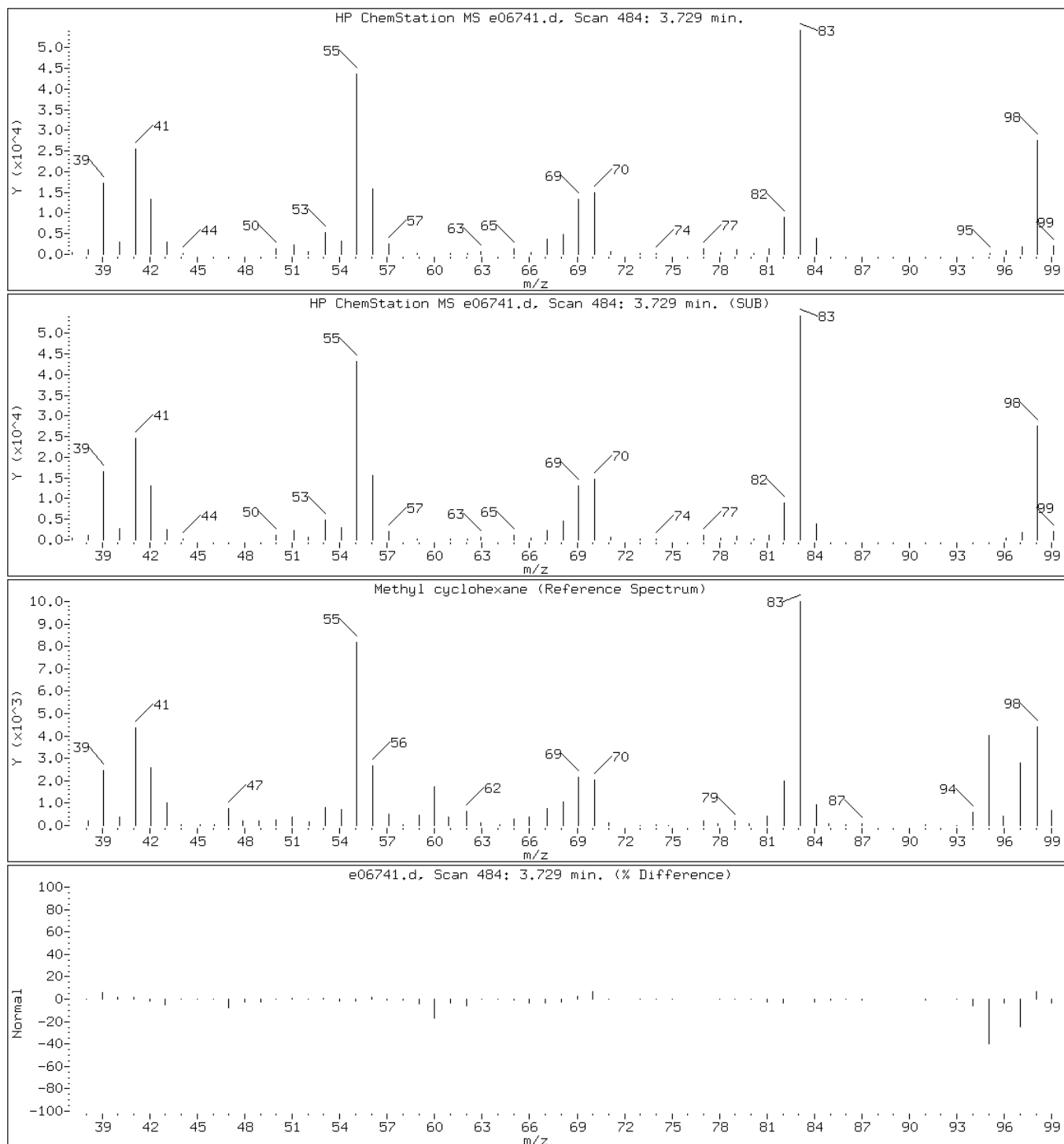
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06741.d

Date: 14-AUG-2012 12:02

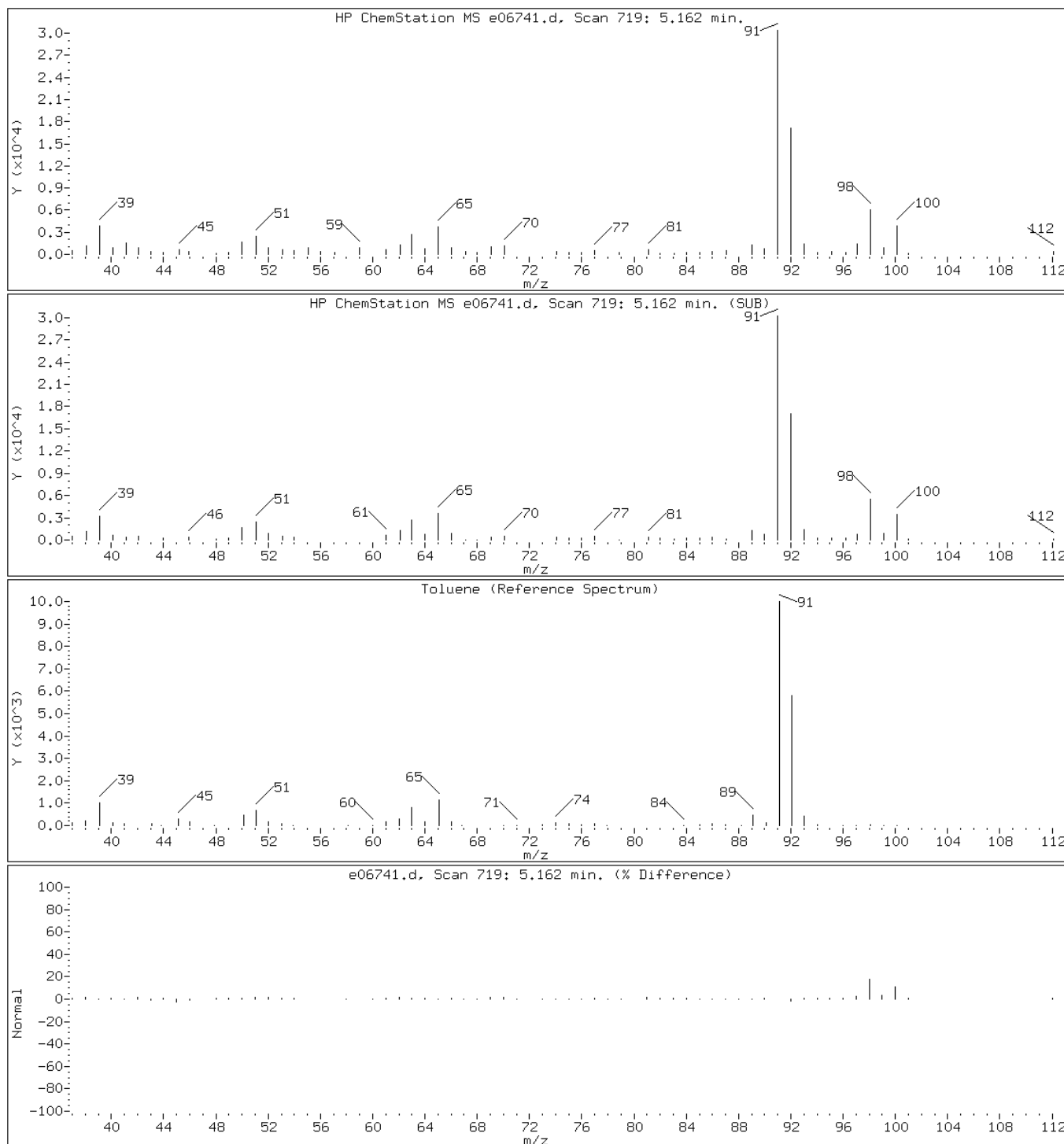
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06741.d

Date: 14-AUG-2012 12:02

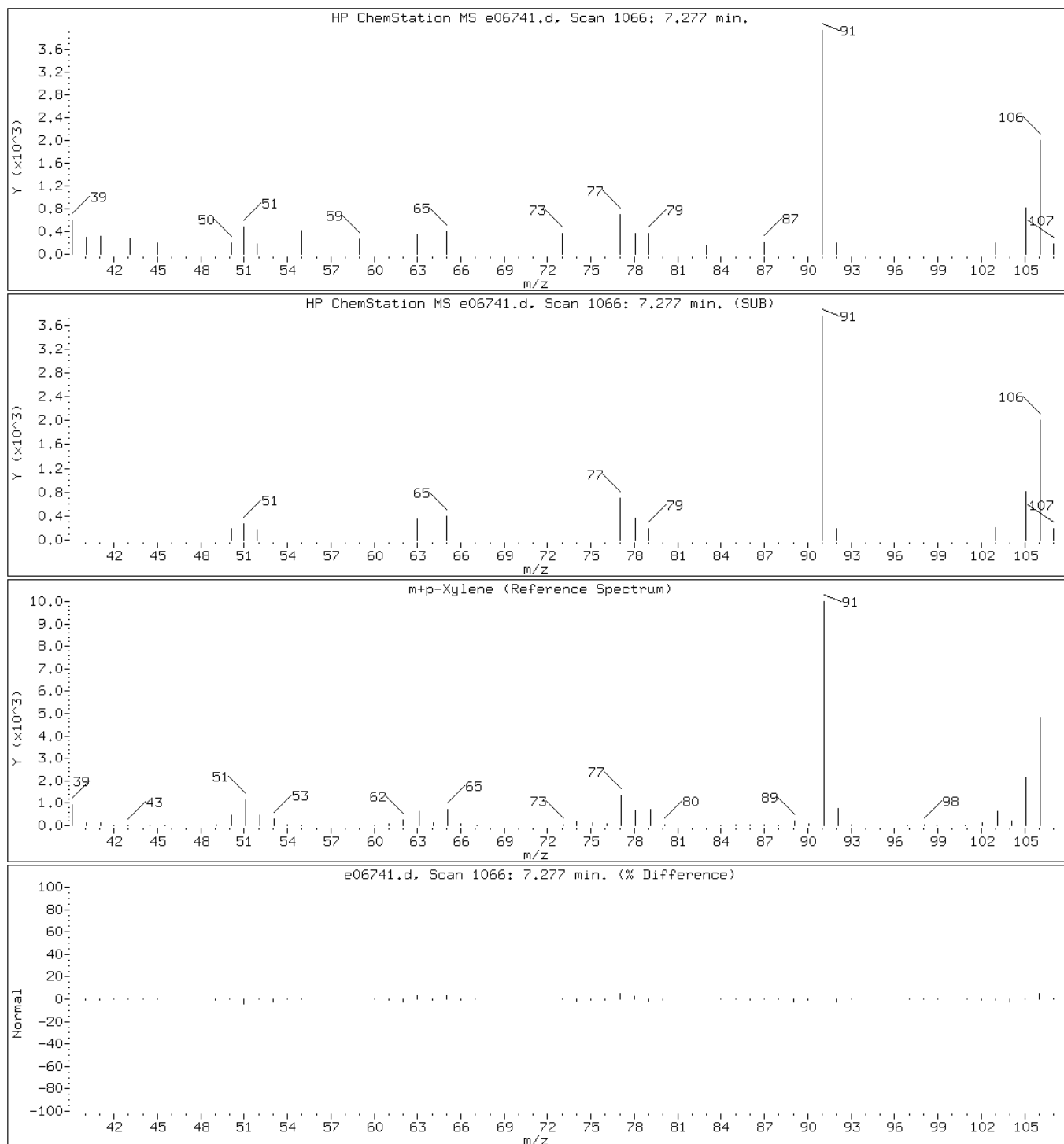
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06741.d

Date: 14-AUG-2012 12:02

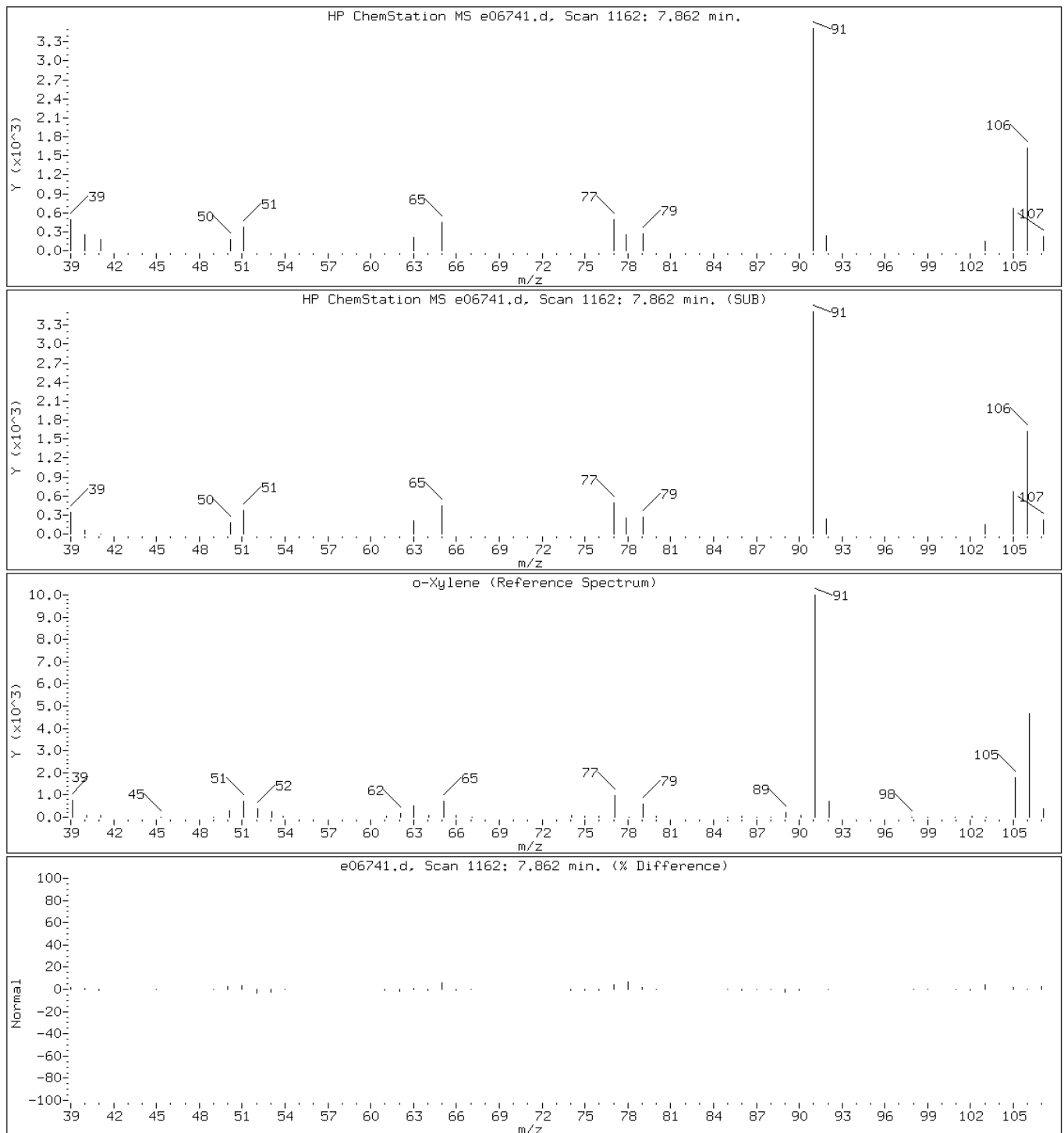
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06741.d

Date: 14-AUG-2012 12:02

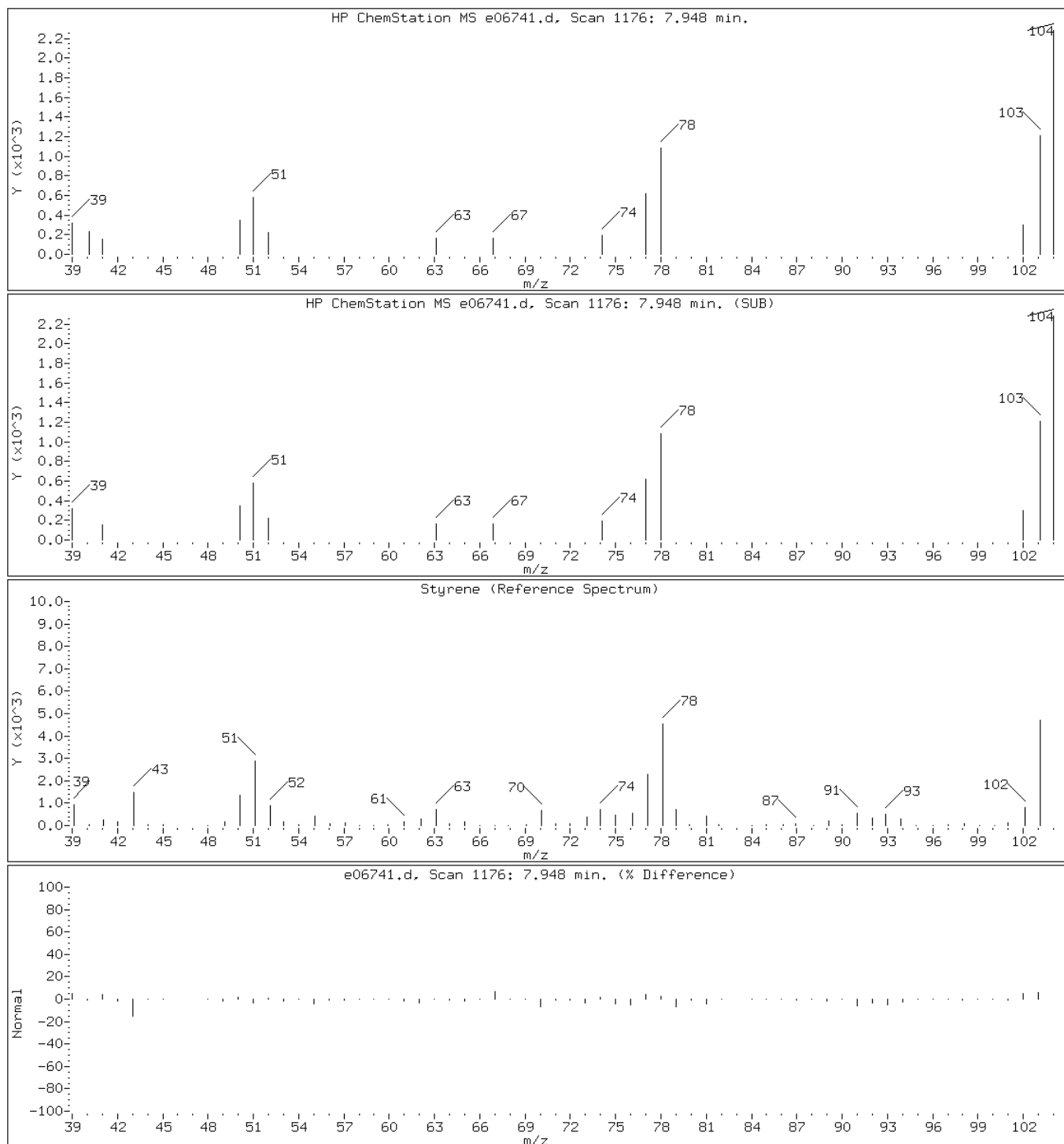
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06741.d

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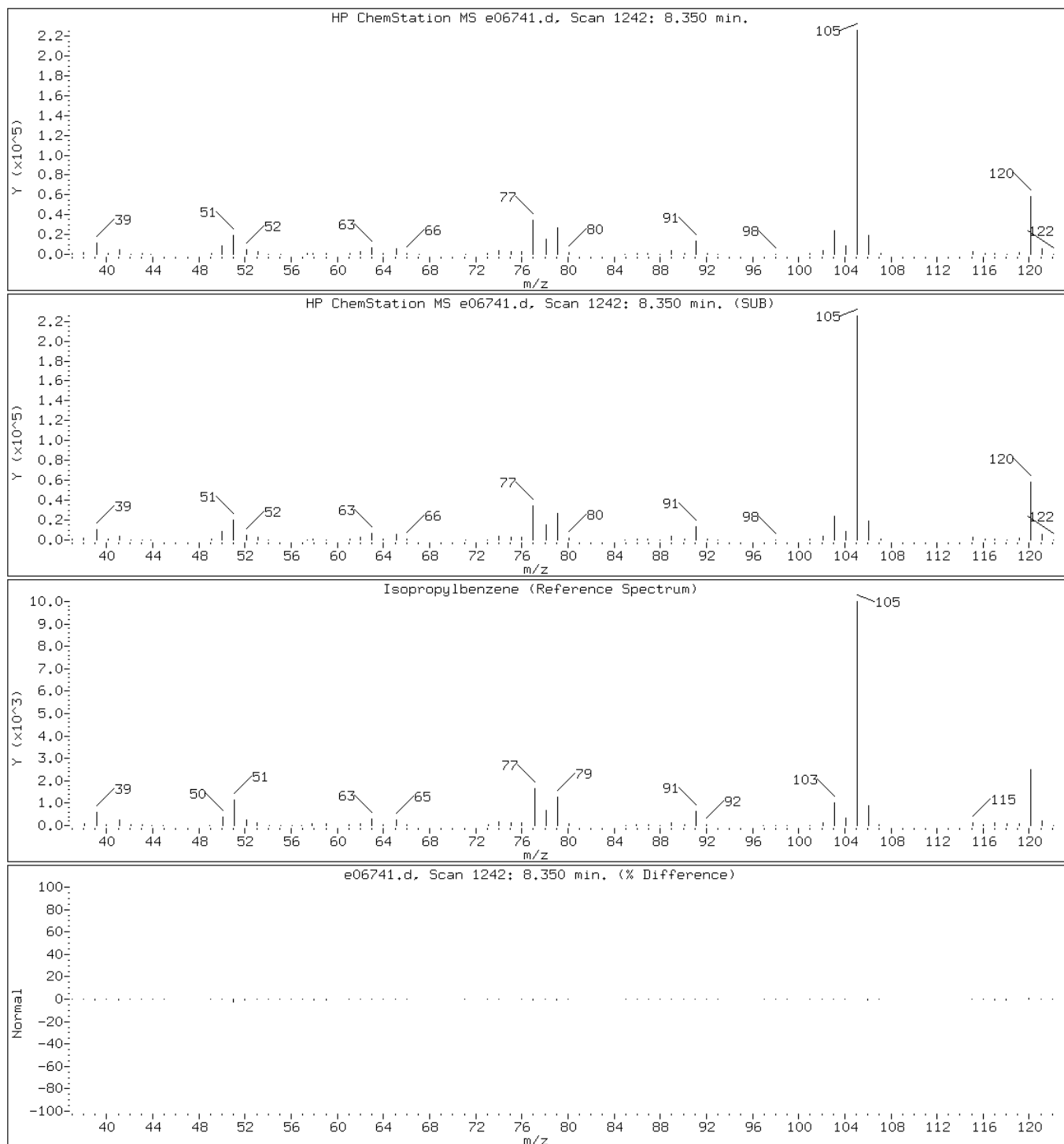
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

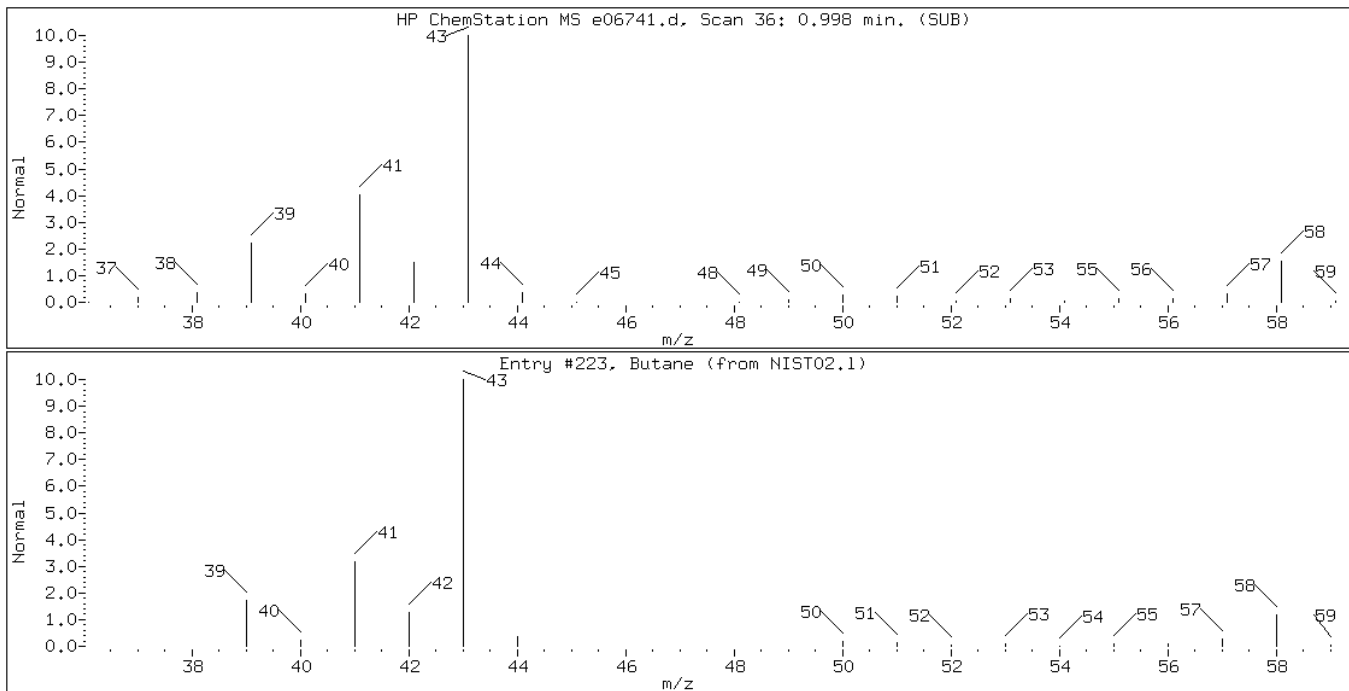
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

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: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

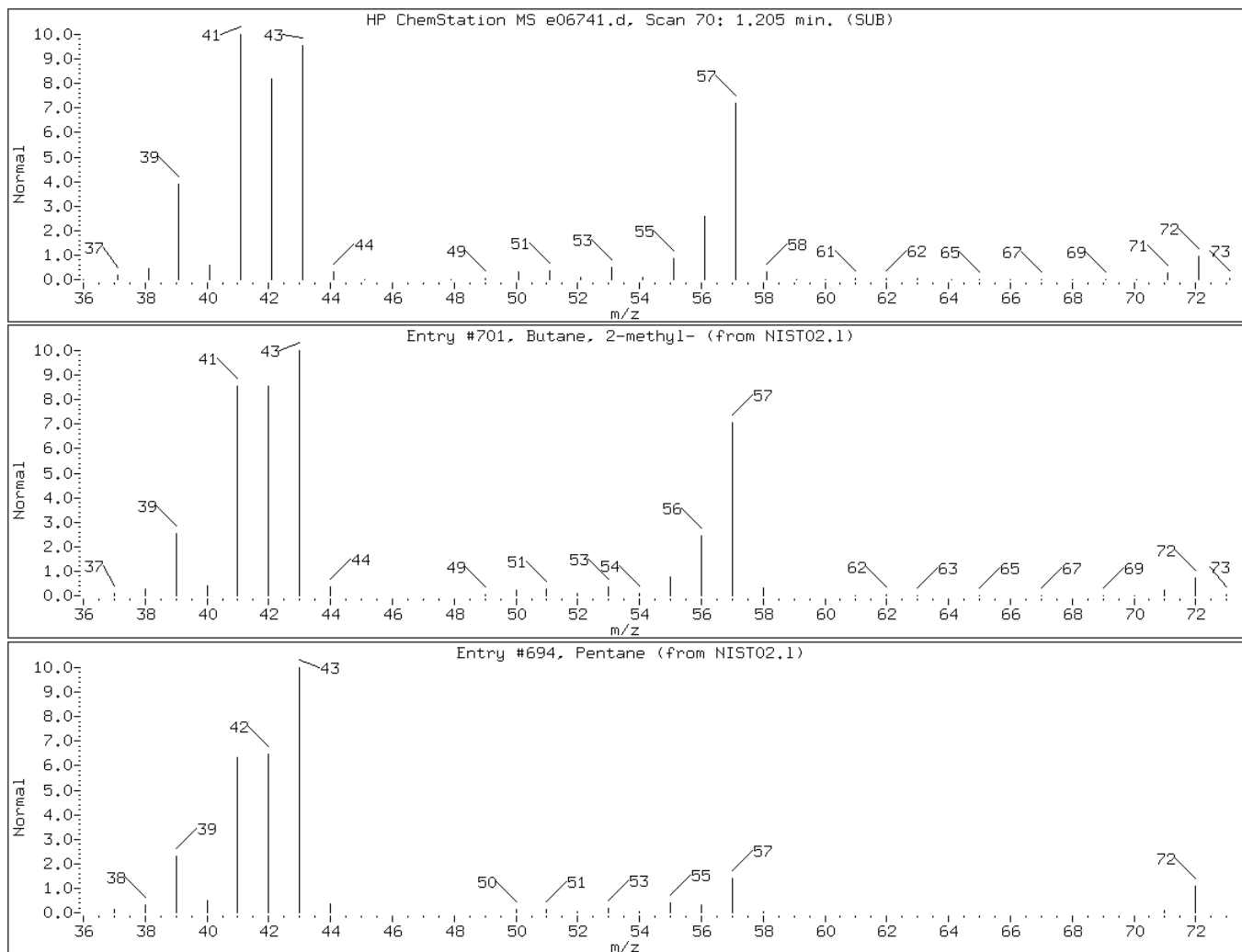
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

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: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

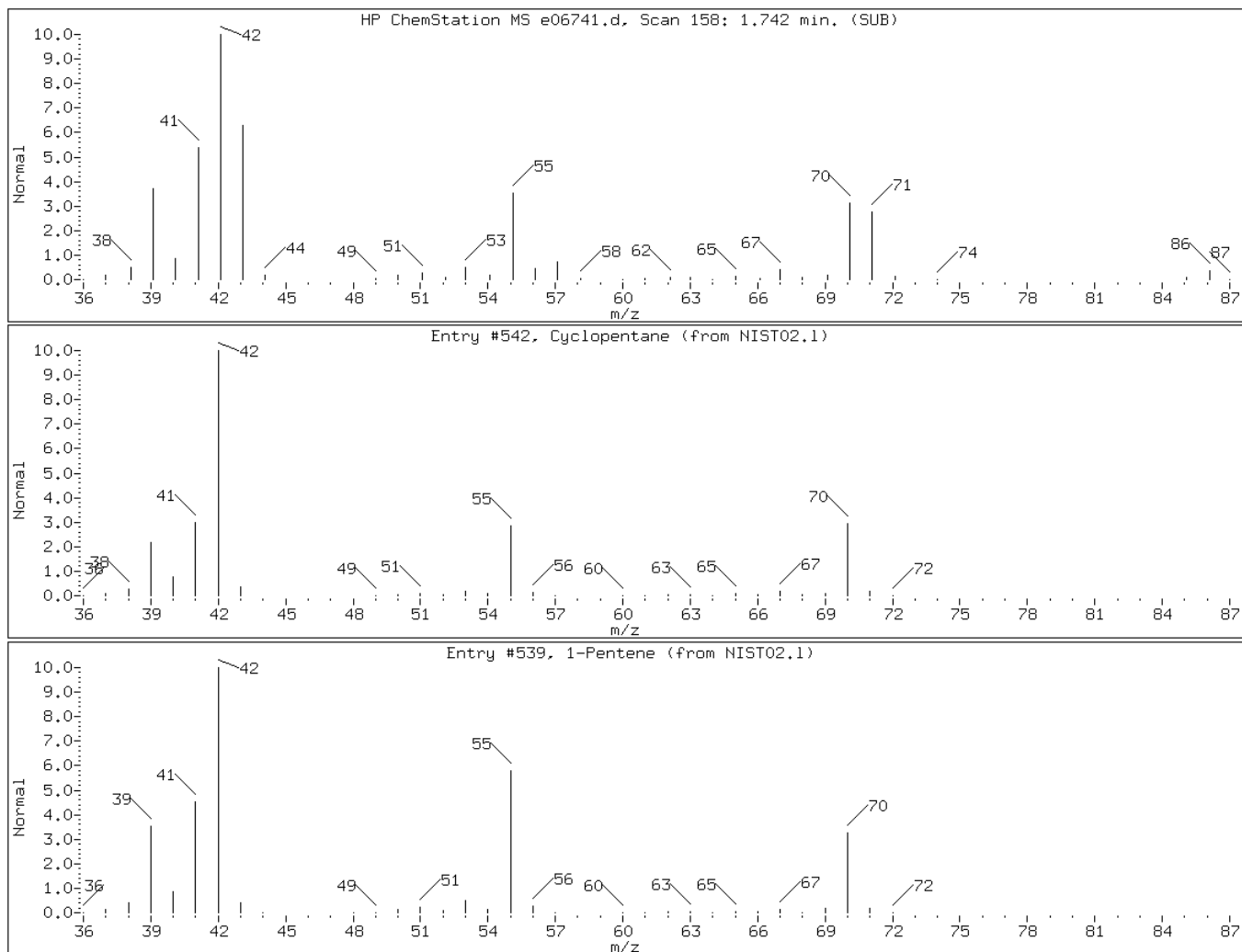
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
Cyclopentane	287-92-3	NIST02.1	542	59	C5H10	70
1-Pentene	109-67-1	NIST02.1	539	58	C5H10	70



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

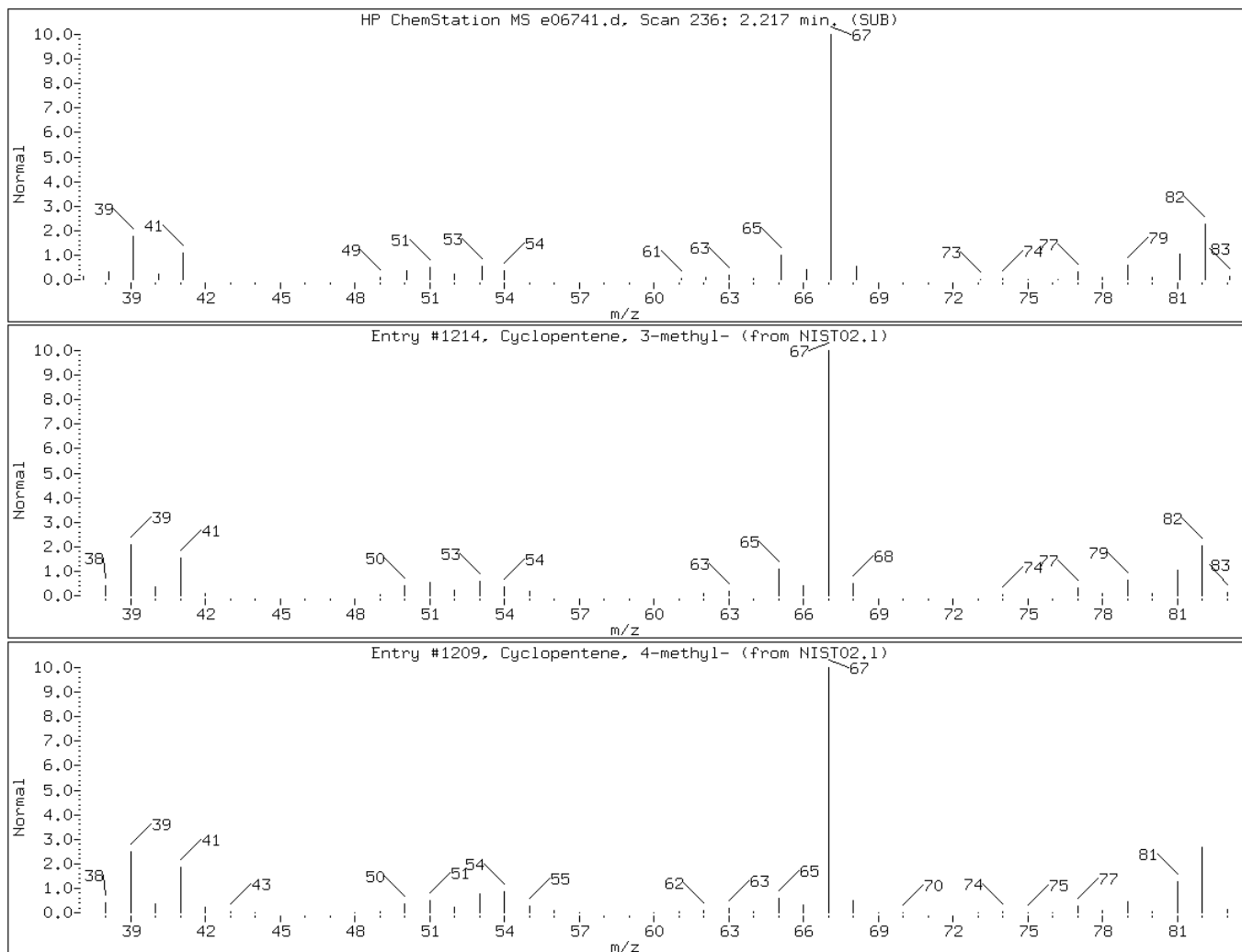
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H10 Cycloalkene						
Cyclopentene, 3-methyl-	1120-62-3	NIST02.1	1214	94	C6H10	82
Cyclopentene, 4-methyl-	1759-81-5	NIST02.1	1209	90	C6H10	82



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

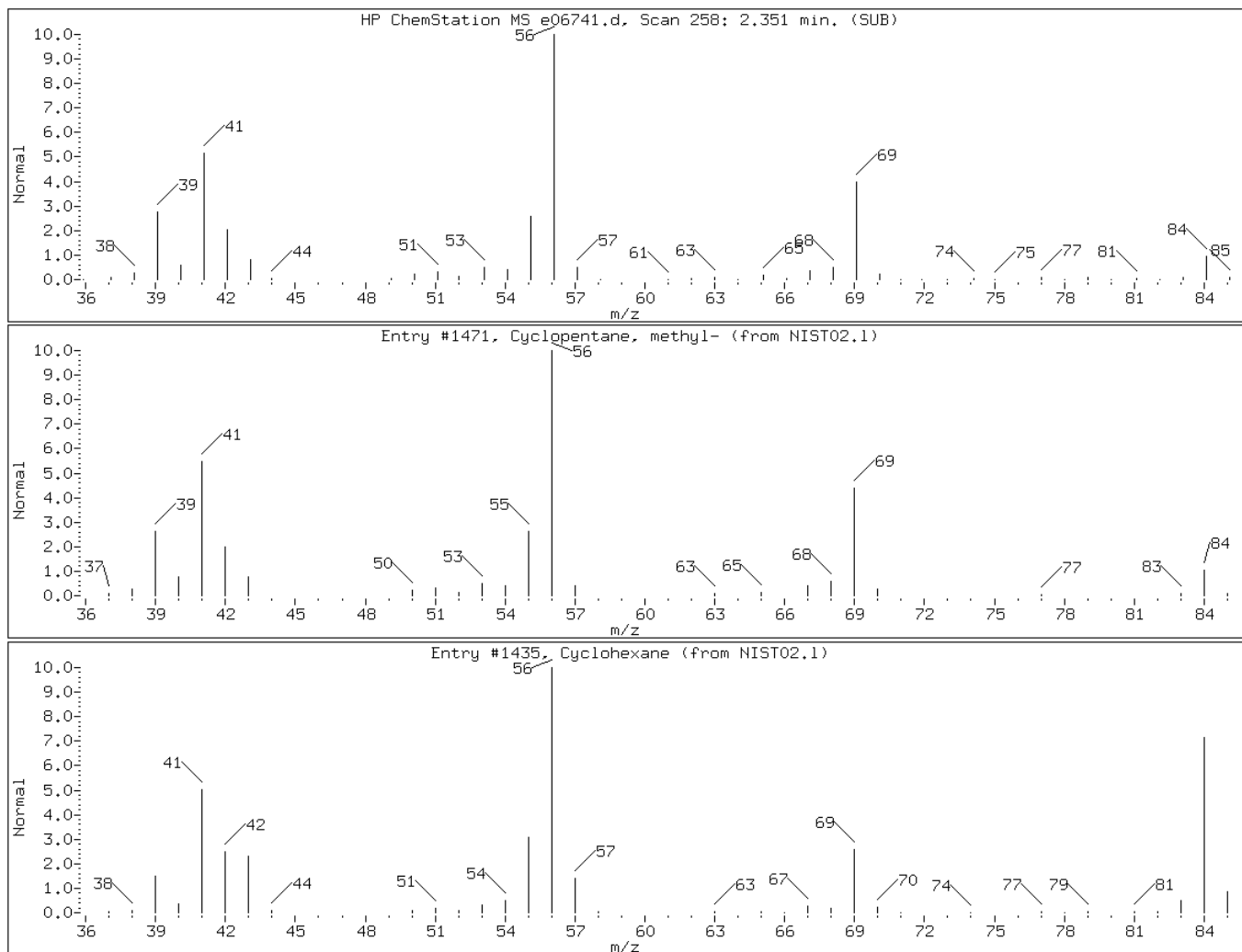
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1471	94	C6H12	84
Cyclohexane	110-82-7	NIST02.1	1435	90	C6H12	84



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

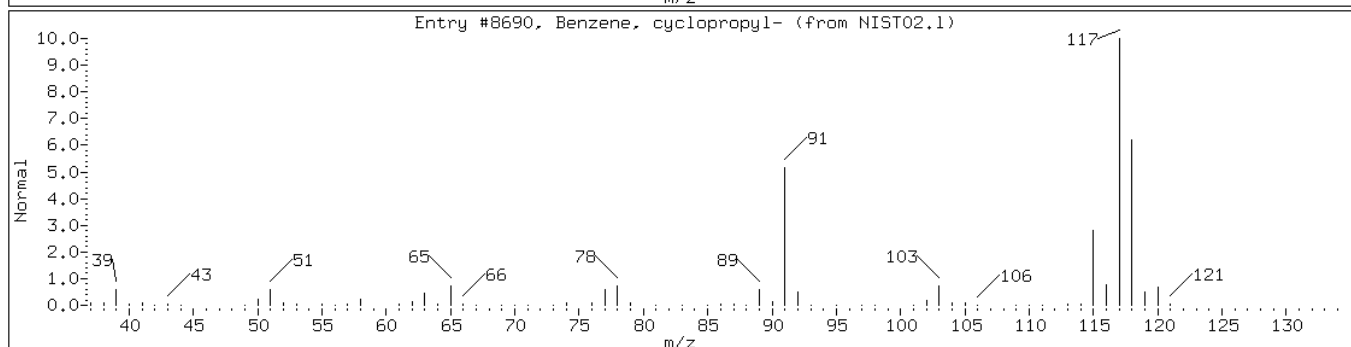
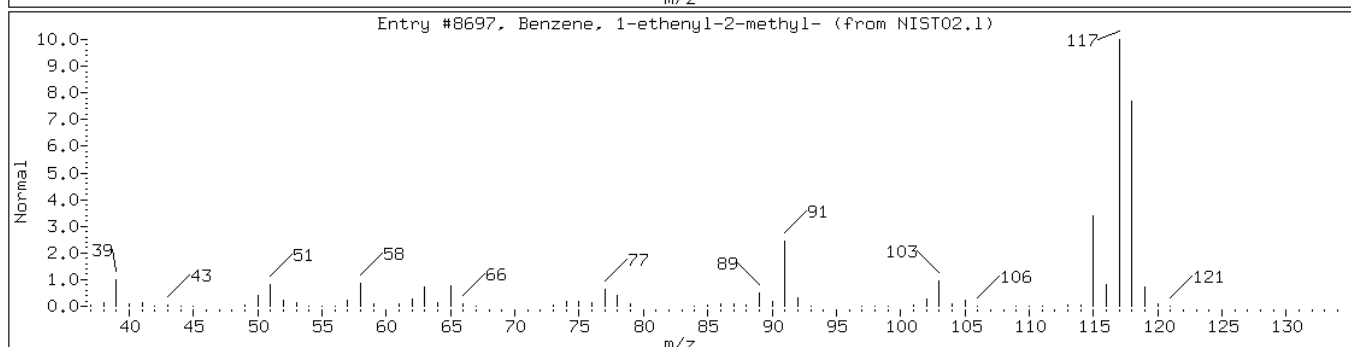
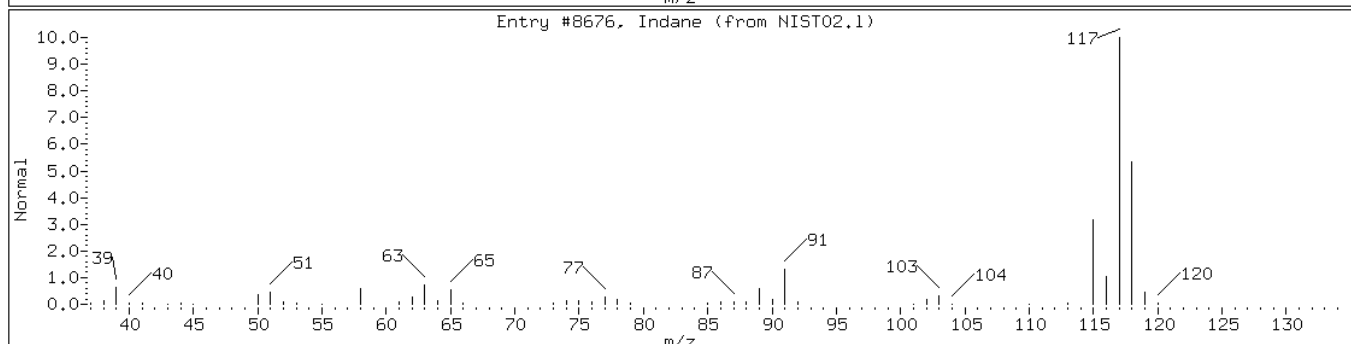
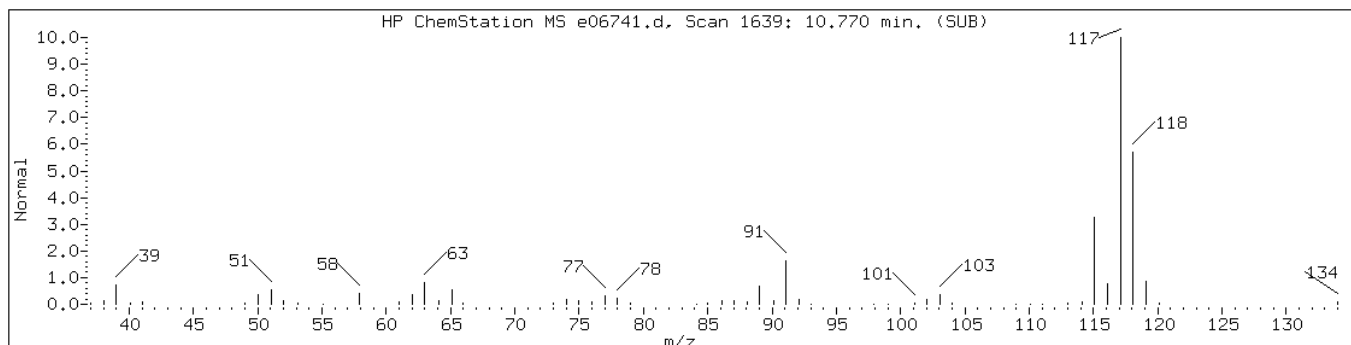
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

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	91	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8697	74	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.1	8690	72	C9H10	118



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

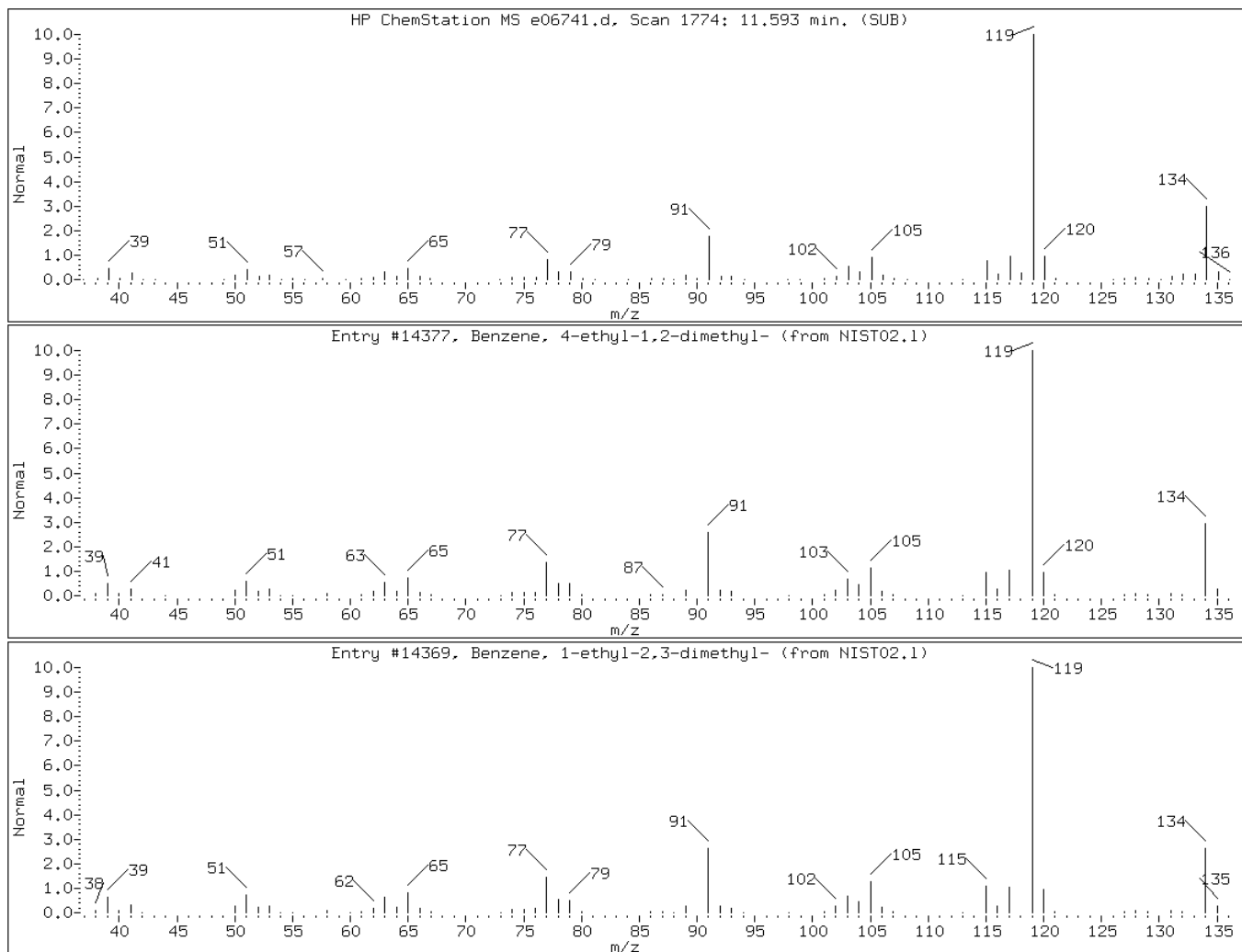
Instrument: VOAMS5.i

Sample Info: 460-43461-A-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	96	C ₁₀ H ₁₄	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.1	14369	96	C ₁₀ H ₁₄	134



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

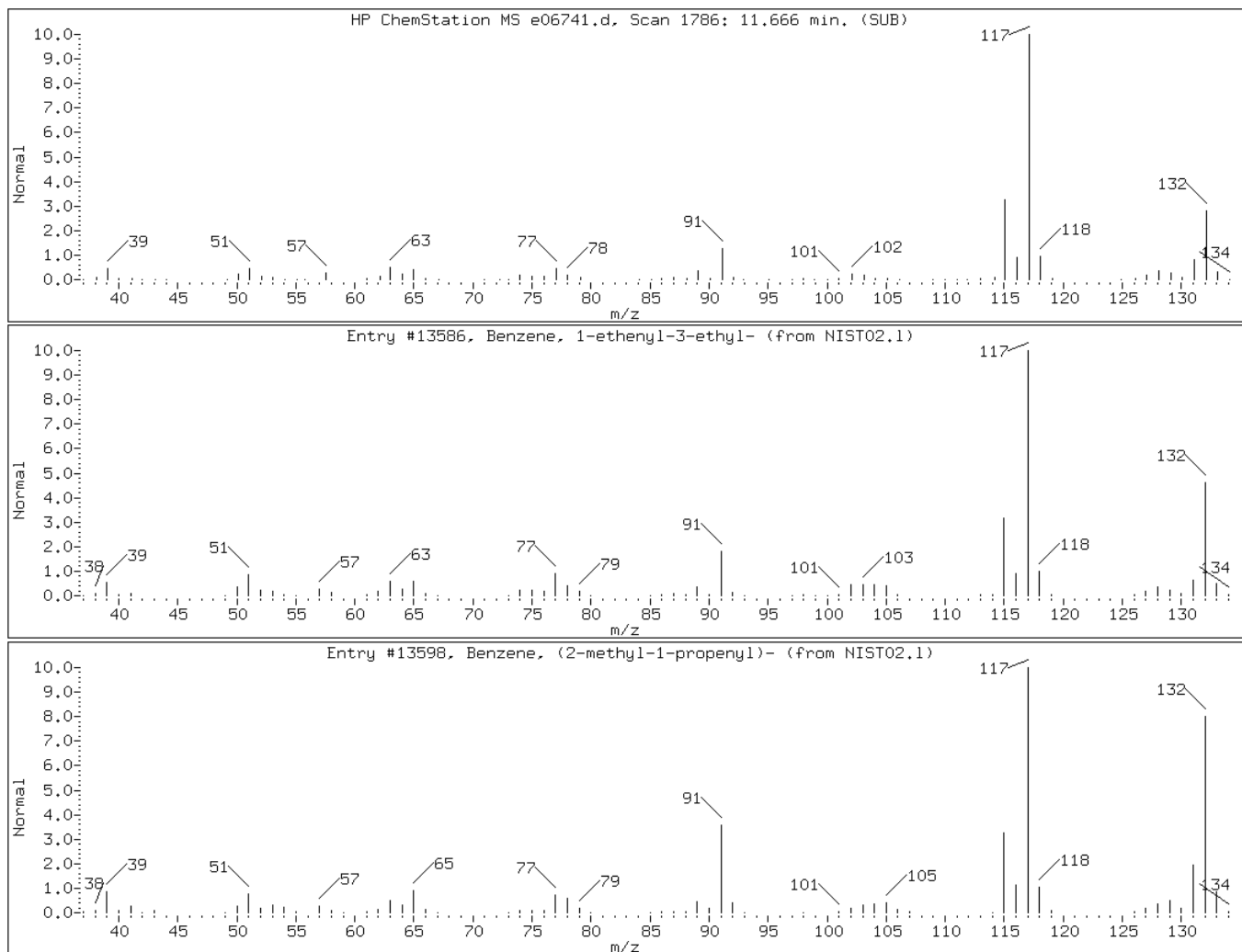
Instrument: VOAMS5.i

Sample Info: 460-43461-A-3

Operator: GC/MS VOAMS5

Retention Time: 11.67

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



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

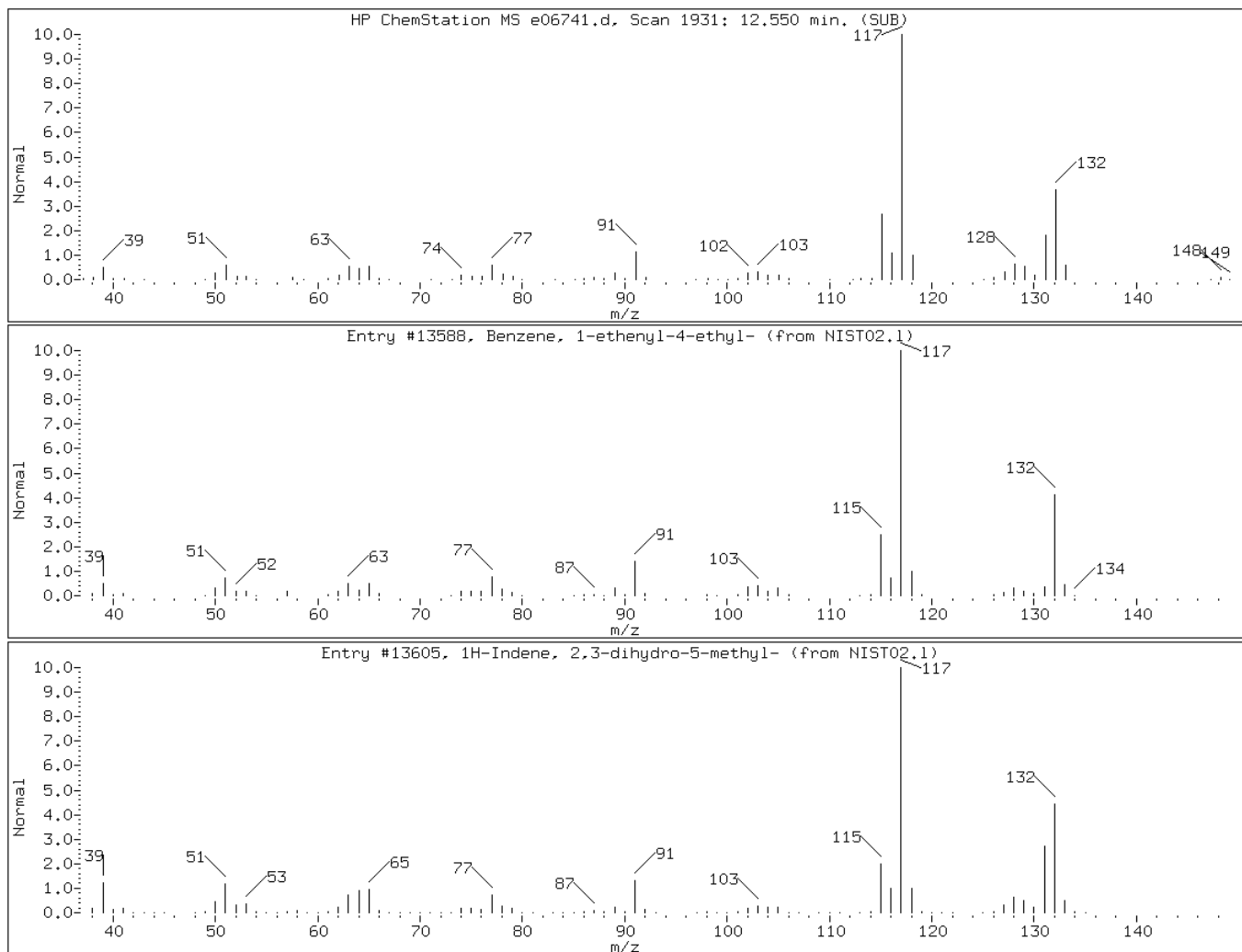
Instrument: VOAMS5.i

Sample Info: 460-43461-A-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	NIST02.1	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.1	13605	93	C10H12	132



Data File: e06741.d

Date: 14-AUG-2012 12:02

Client ID:

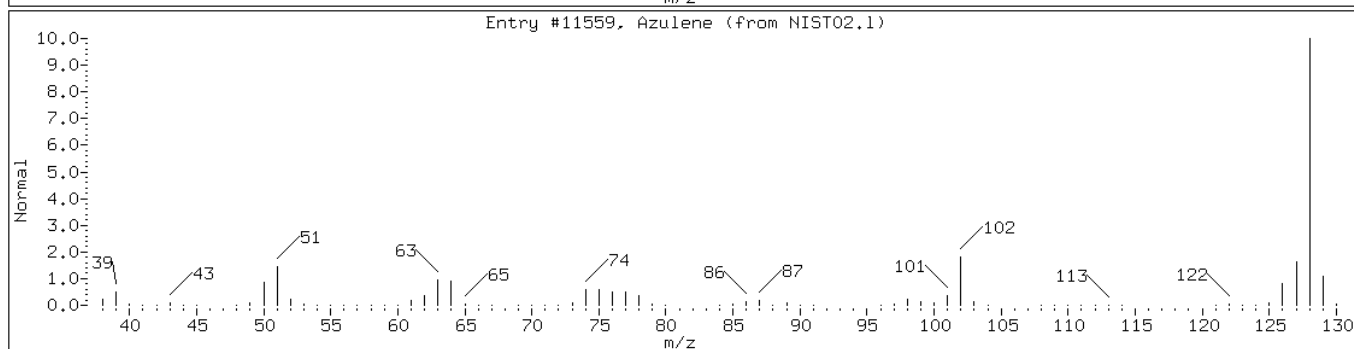
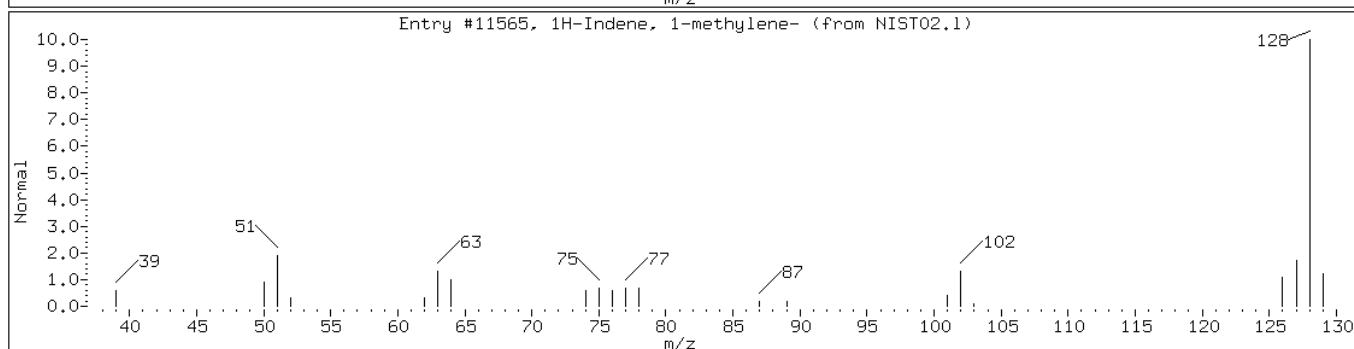
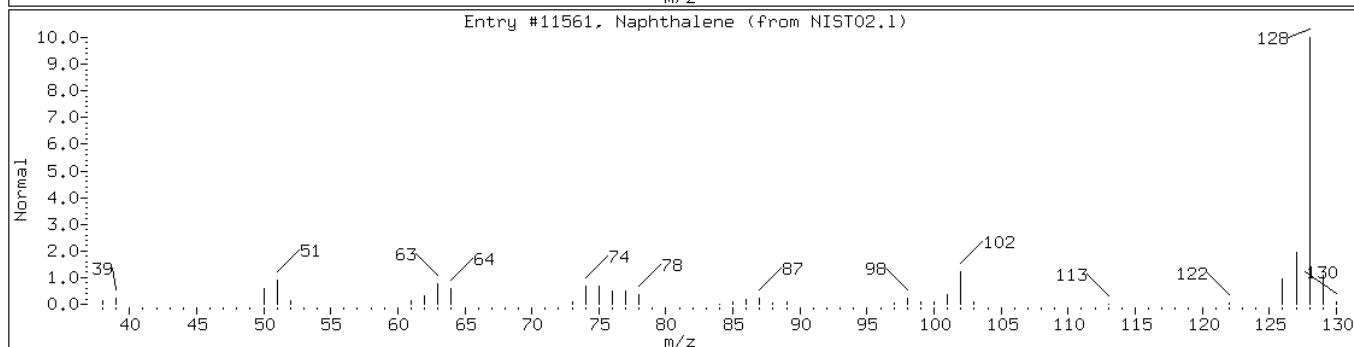
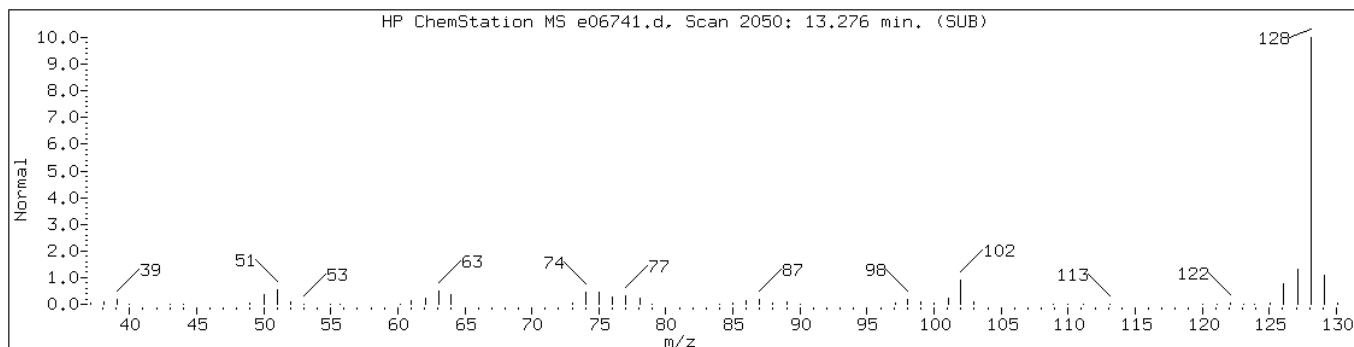
Instrument: VOAMS5.i

Sample Info: 460-43461-A-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	11561	94	C10H8	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	91	C10H8	128
Azulene	275-51-4	NIST02.1	11559	91	C10H8	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4
 Matrix: Water Lab File ID: e06742.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:25
 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	54		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)	15		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	55		1.0	0.10
110-82-7	Cyclohexane	45		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	71		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	11		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	15		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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4
 Matrix: Water Lab File ID: e06742.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:25
 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	2.2	J	3.0	0.36
100-42-5	Styrene	1.0		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	8.8		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43461-1
SDG No.: _____
Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4
Matrix: Water Lab File ID: e06742.d
Analysis Method: 8260B Date Collected: 08/13/2012 10:50
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 12:25
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: 620

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C4H10 Alkane	1.00	91	J
	C5H12 Alkane	1.20	97	J
	C5H10 Cycloalkane	1.75	120	J
	C6H12 Cycloalkane	2.35	120	J
	Unknown	3.56	50	J
	Unknown-1	5.20	71	J
	Unknown-2	5.54	19	J
496-11-7	Indane	10.77	17	J N
	C10H12 Aromatic	11.66	11	J
91-20-3	Naphthalene	13.28	24	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06742.d
 Report Date: 15-Aug-2012 09:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06742.d
 Lab Smp Id: 460-43461-C-4
 Inj Date : 14-AUG-2012 12:25
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43461-C-4
 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 05:35 Cal File: e06727.d
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
16 Acetone	58	1.888	1.888	(0.525)	16919		53.5063	54
38 2-Butanone	72	3.071	3.071	(0.854)	7931		15.2134	15
44 Cyclohexane	56	2.784	2.778	(0.774)	204138		44.9980	45
48 Benzene	78	3.260	3.260	(0.469)	874088		71.0158	71
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	213745		53.3795	53
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	670175		50.0000	
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	47882		10.5178	10
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	651792		48.6206	49
66 Toluene	91	5.162	5.162	(0.742)	223409		14.6708	15
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	589610		50.0000	
81 Ethylbenzene	106	7.064	7.064	(1.016)	311081		55.3530	55
82 m+p-Xylene	106	7.277	7.277	(1.046)	4234		0.58914	0.59(a)
84 o-Xylene	106	7.863	7.862	(1.131)	11626		1.65935	1.6
85 Styrene	104	7.948	7.942	(1.143)	12346		1.03174	1.0(H)
88 Isopropylbenzene	105	8.350	8.350	(1.201)	164518		8.80096	8.8
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	317498		49.1798	49

Data File: /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06742.d
 Report Date: 15-Aug-2012 09:52

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)	373830	50.0000		
M 121 Xylene (Total)	100				15860	2.24849	2.2(a)	

QC Flag Legend

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

Data File: e06742.d

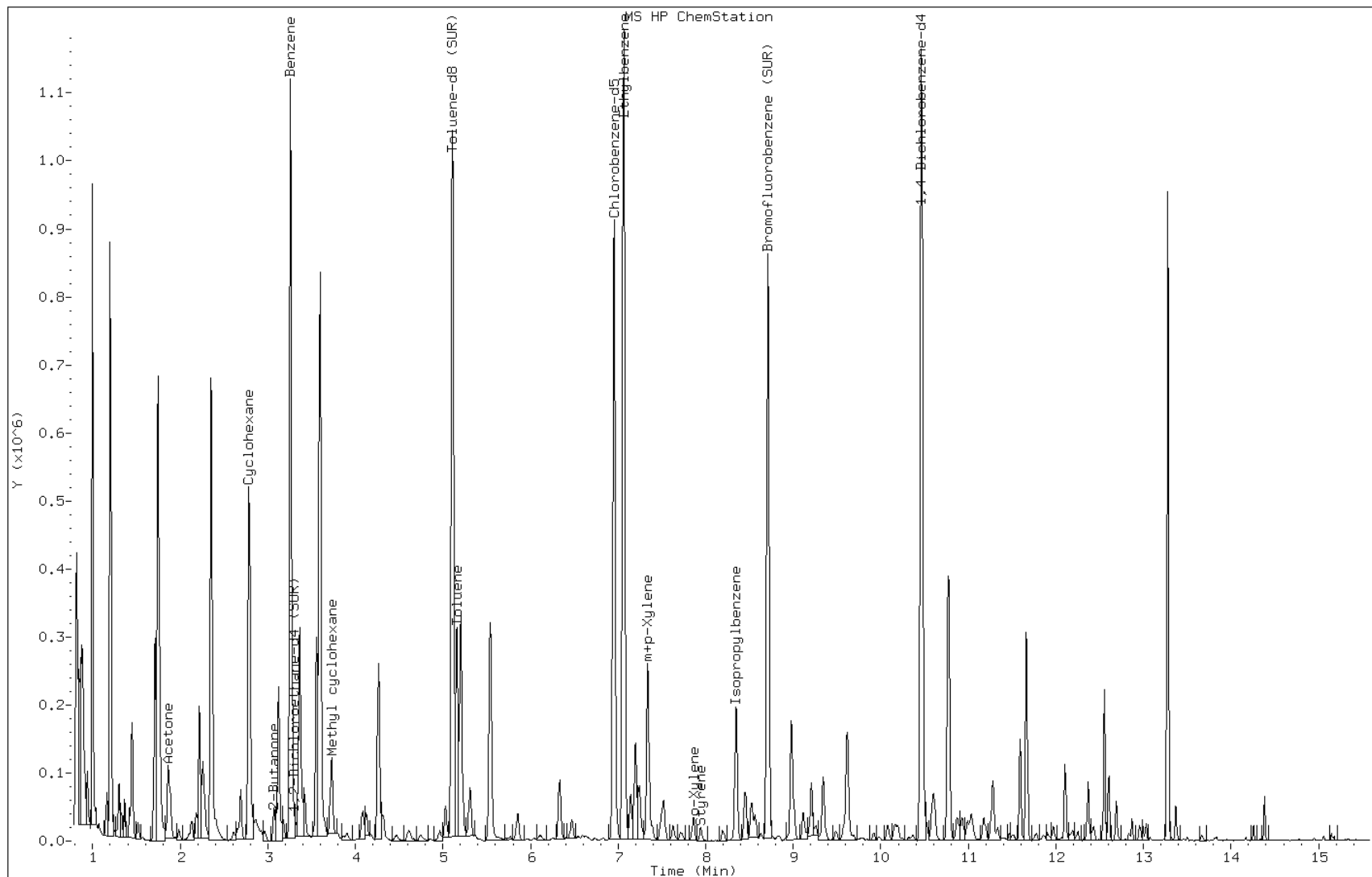
Date: 14-AUG-2012 12:25

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5



Data File: e06742.d

Date: 14-AUG-2012 12:25

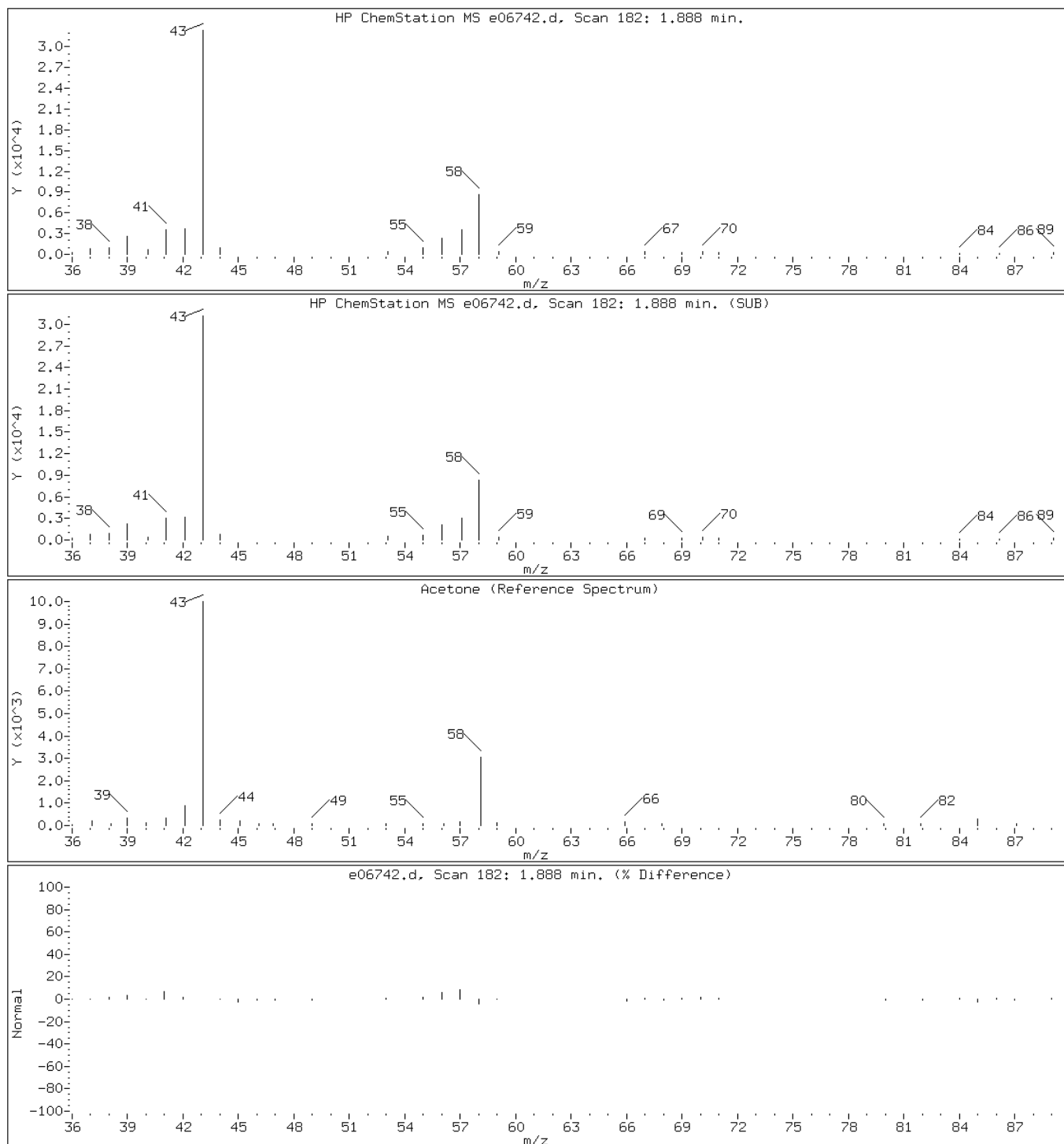
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06742.d

Date: 14-AUG-2012 12:25

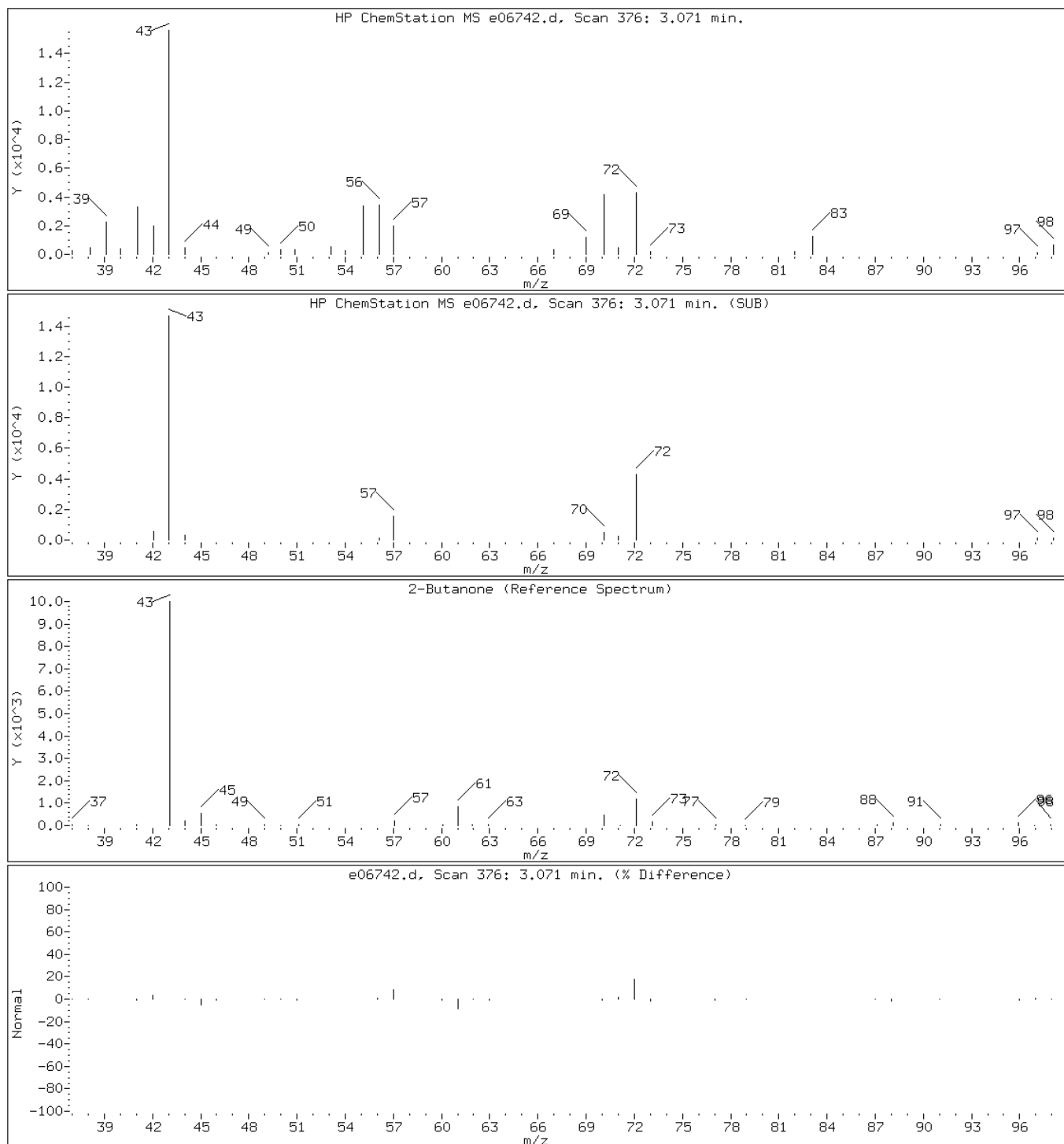
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06742.d

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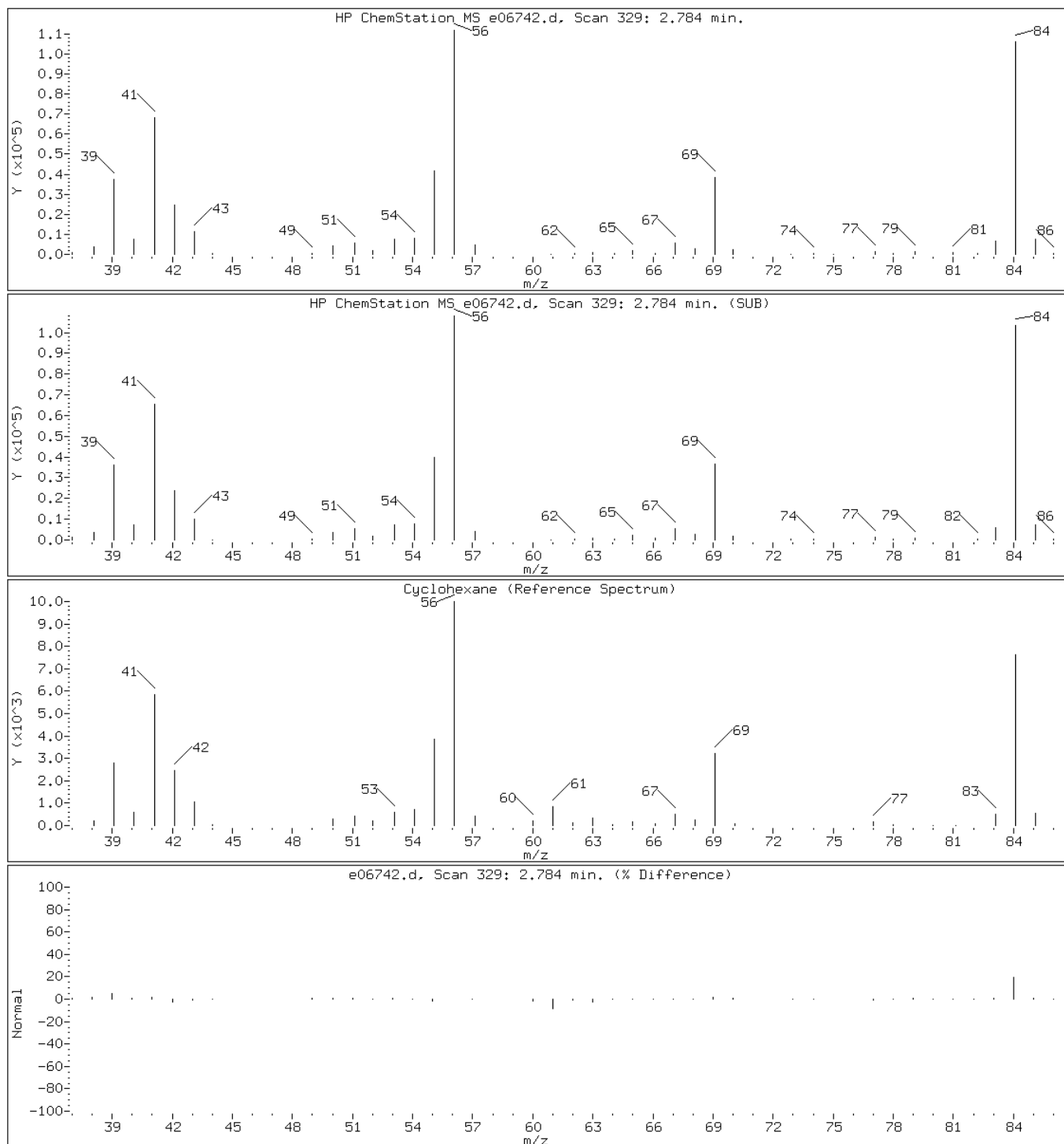
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06742.d

Date: 14-AUG-2012 12:25

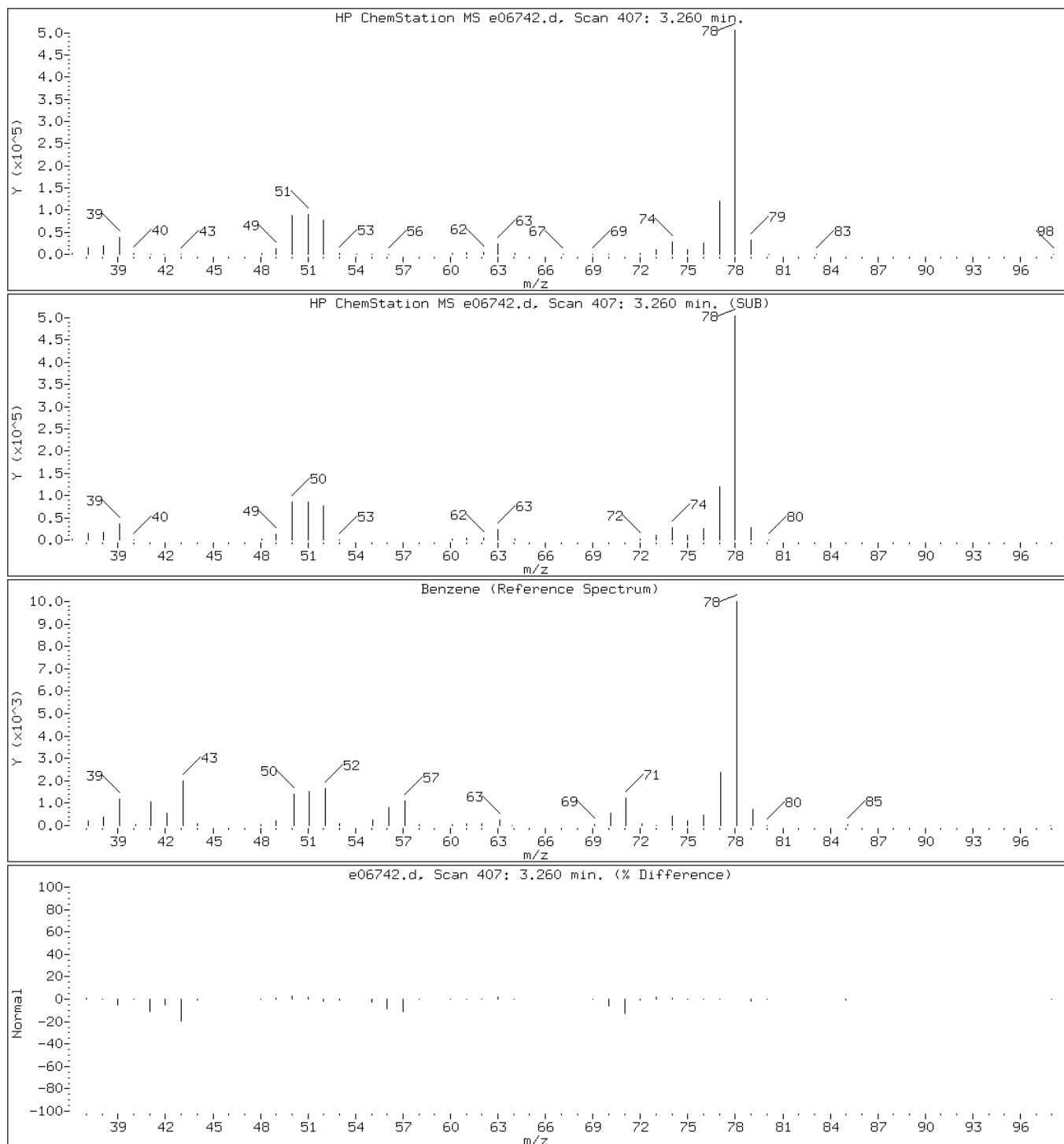
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06742.d

Date: 14-AUG-2012 12:25

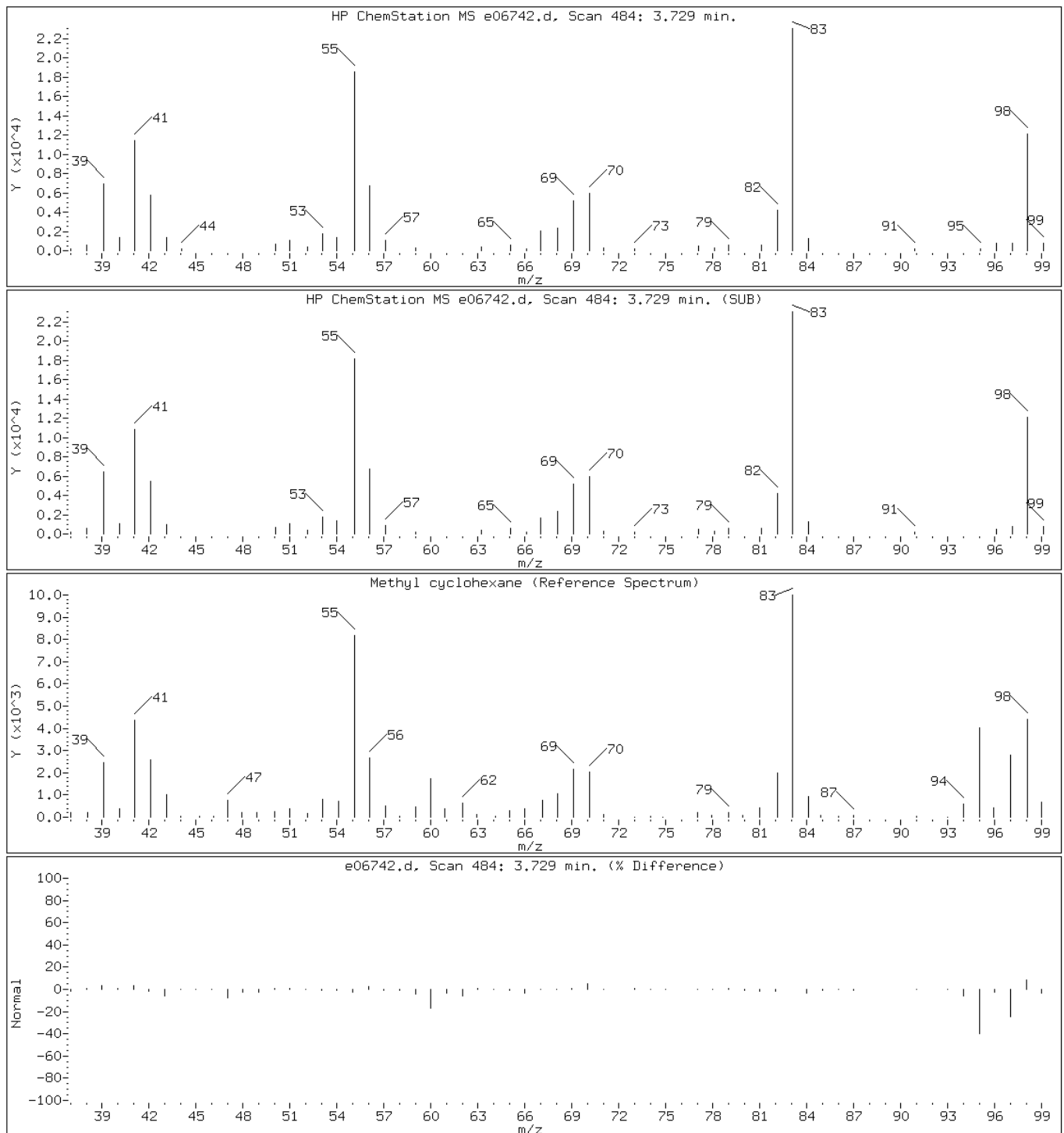
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06742.d

Date: 14-AUG-2012 12:25

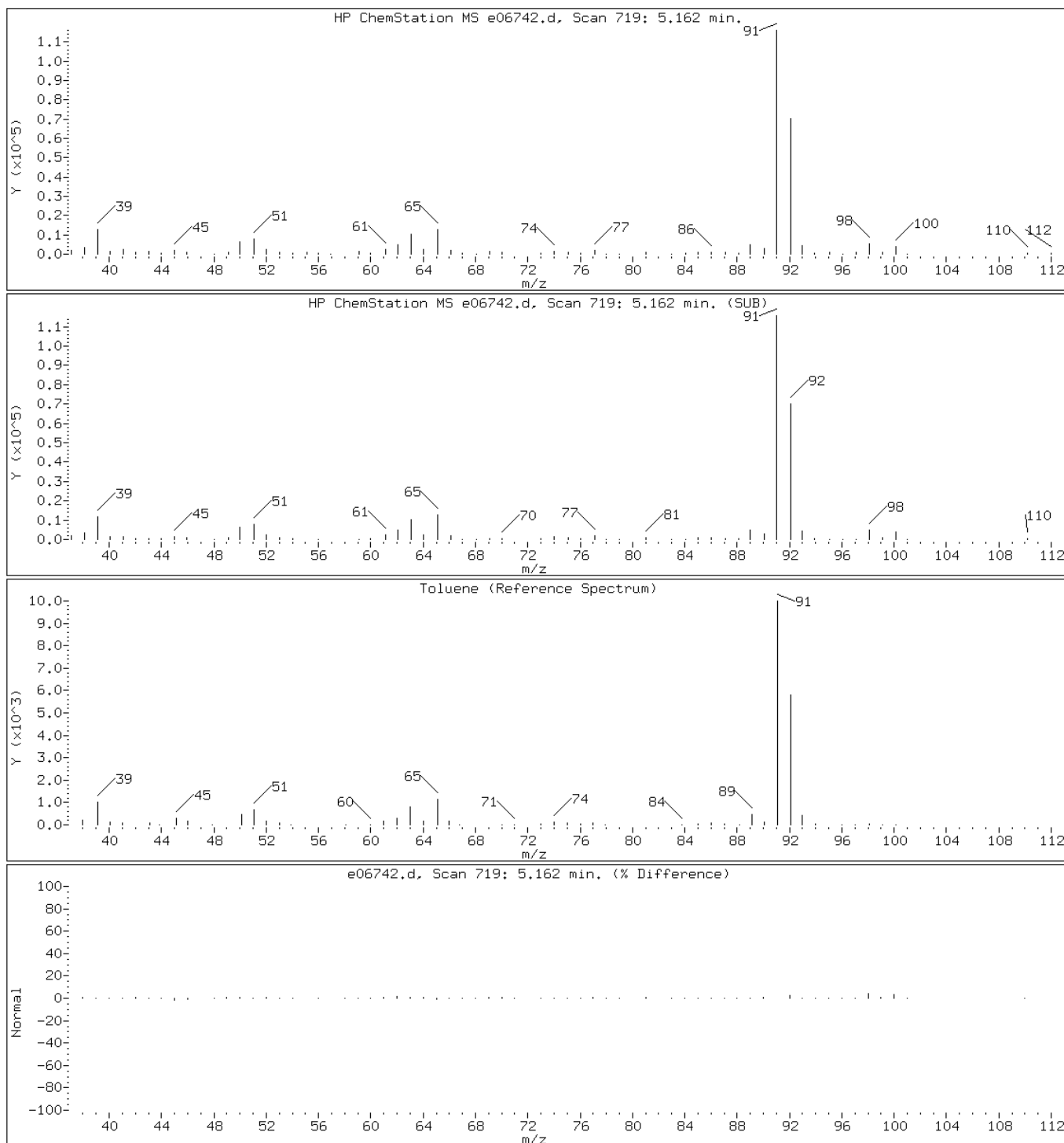
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06742.d

Date: 14-AUG-2012 12:25

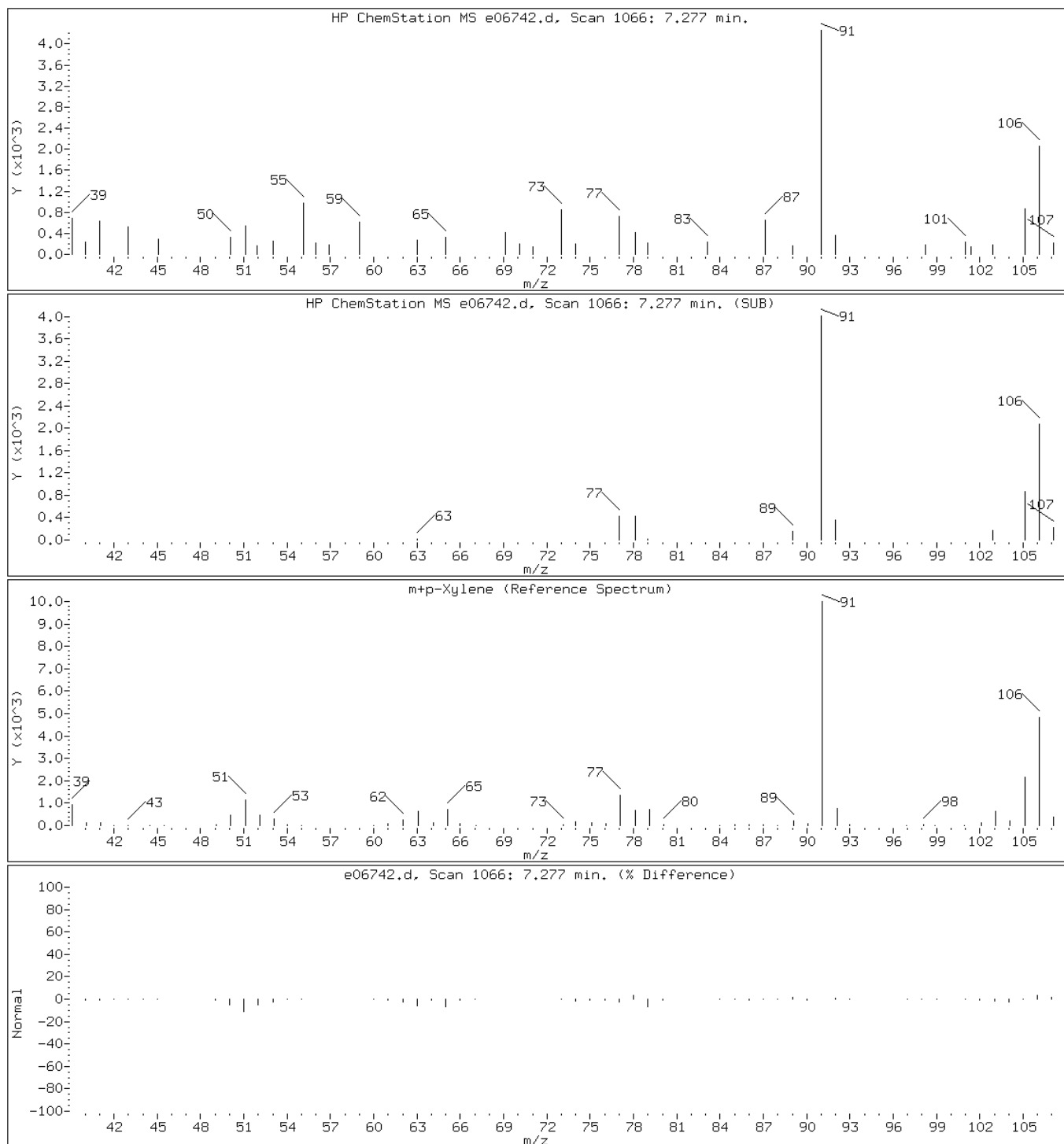
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06742.d

Date: 14-AUG-2012 12:25

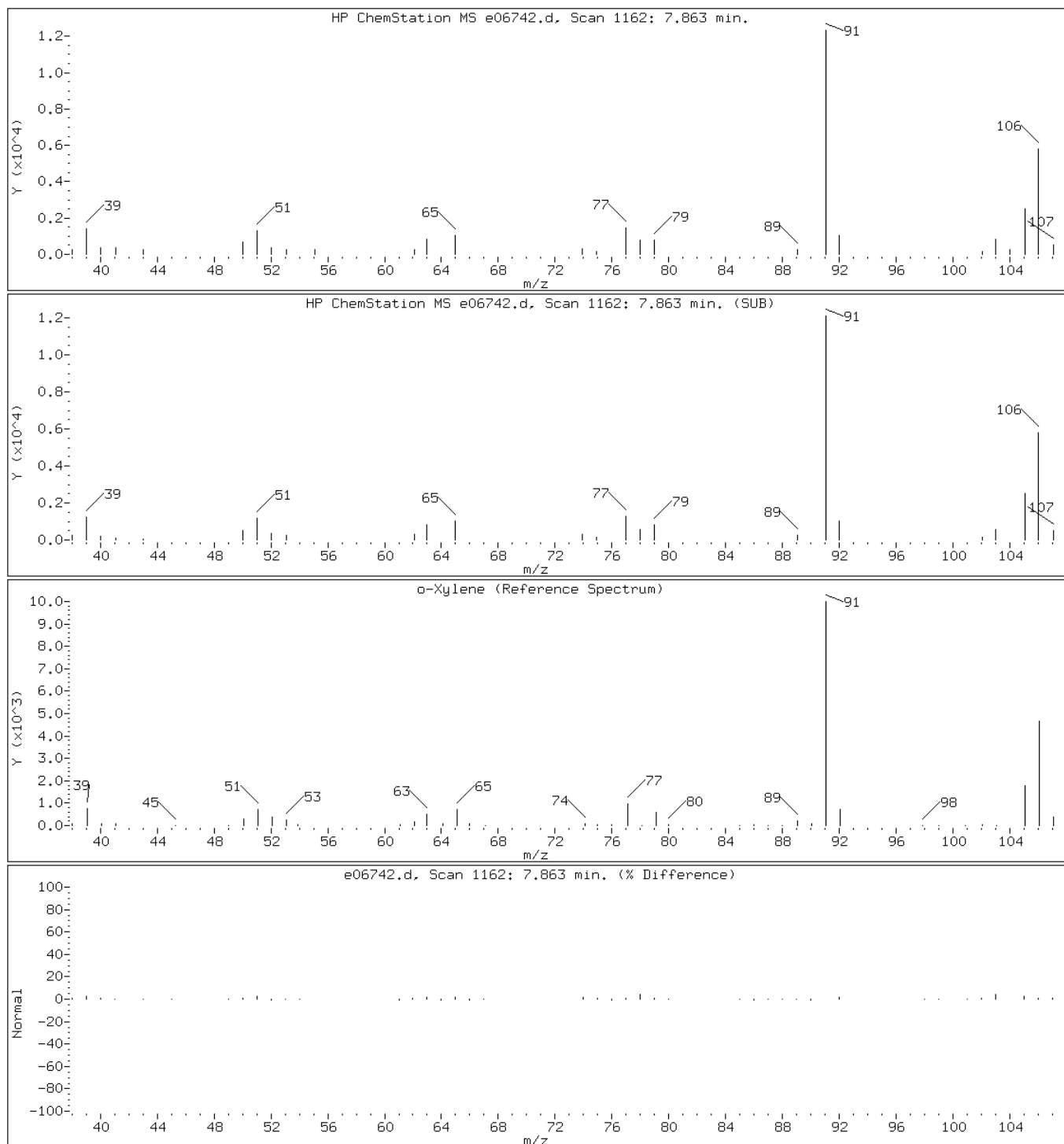
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06742.d

Date: 14-AUG-2012 12:25

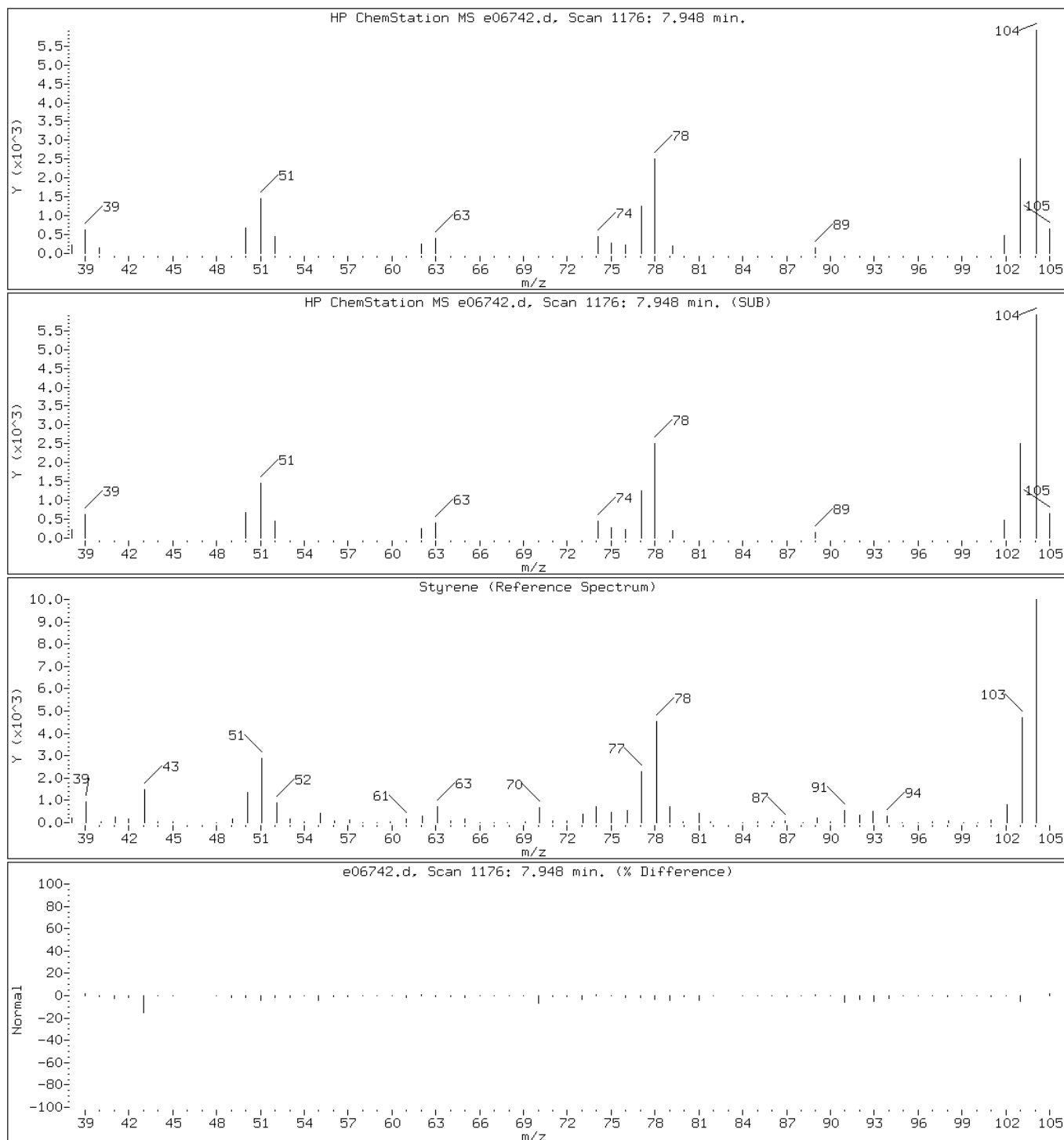
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06742.d

Date: 14-AUG-2012 12:25

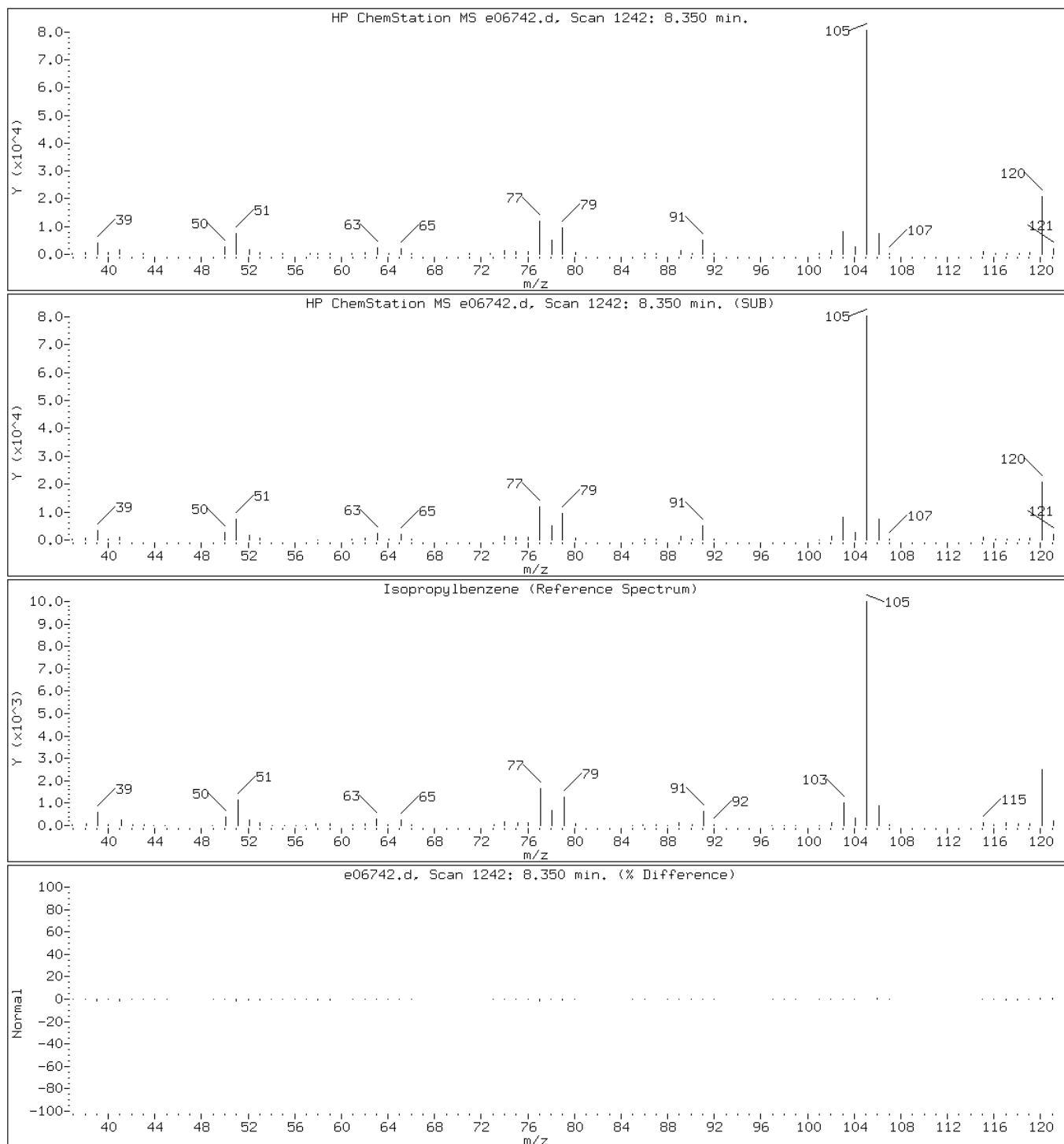
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

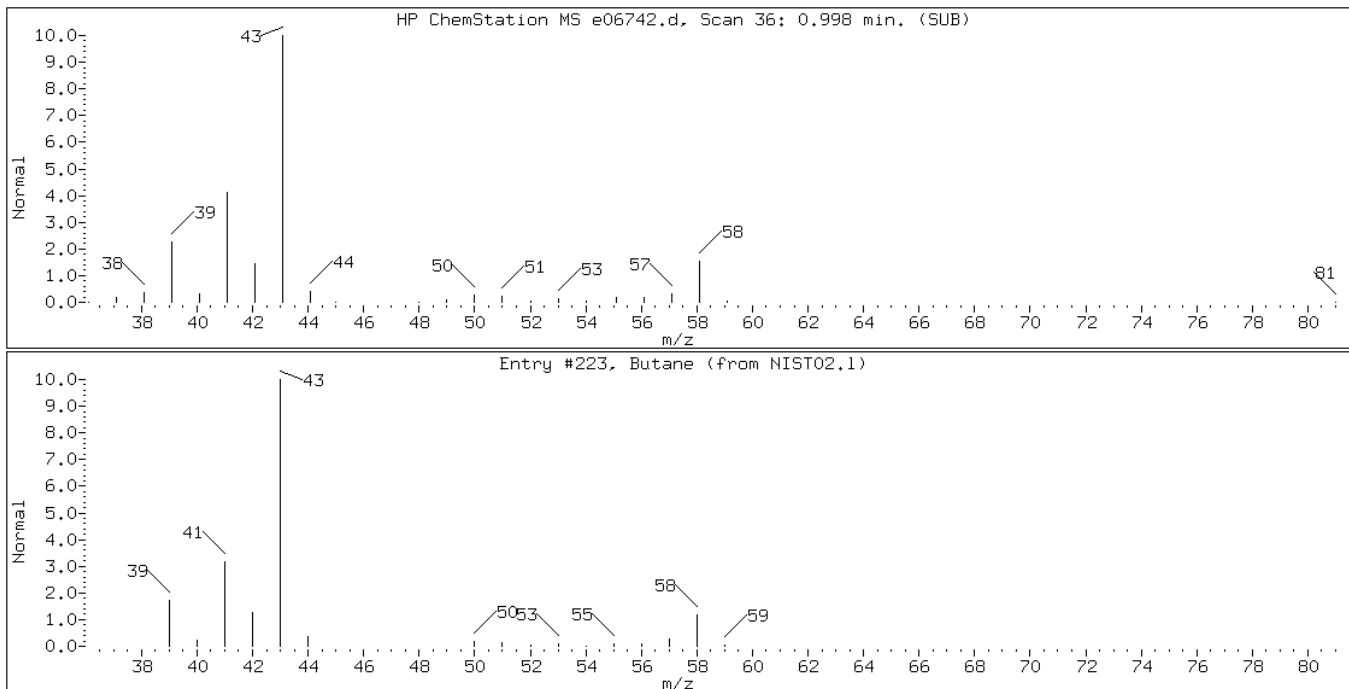
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

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: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

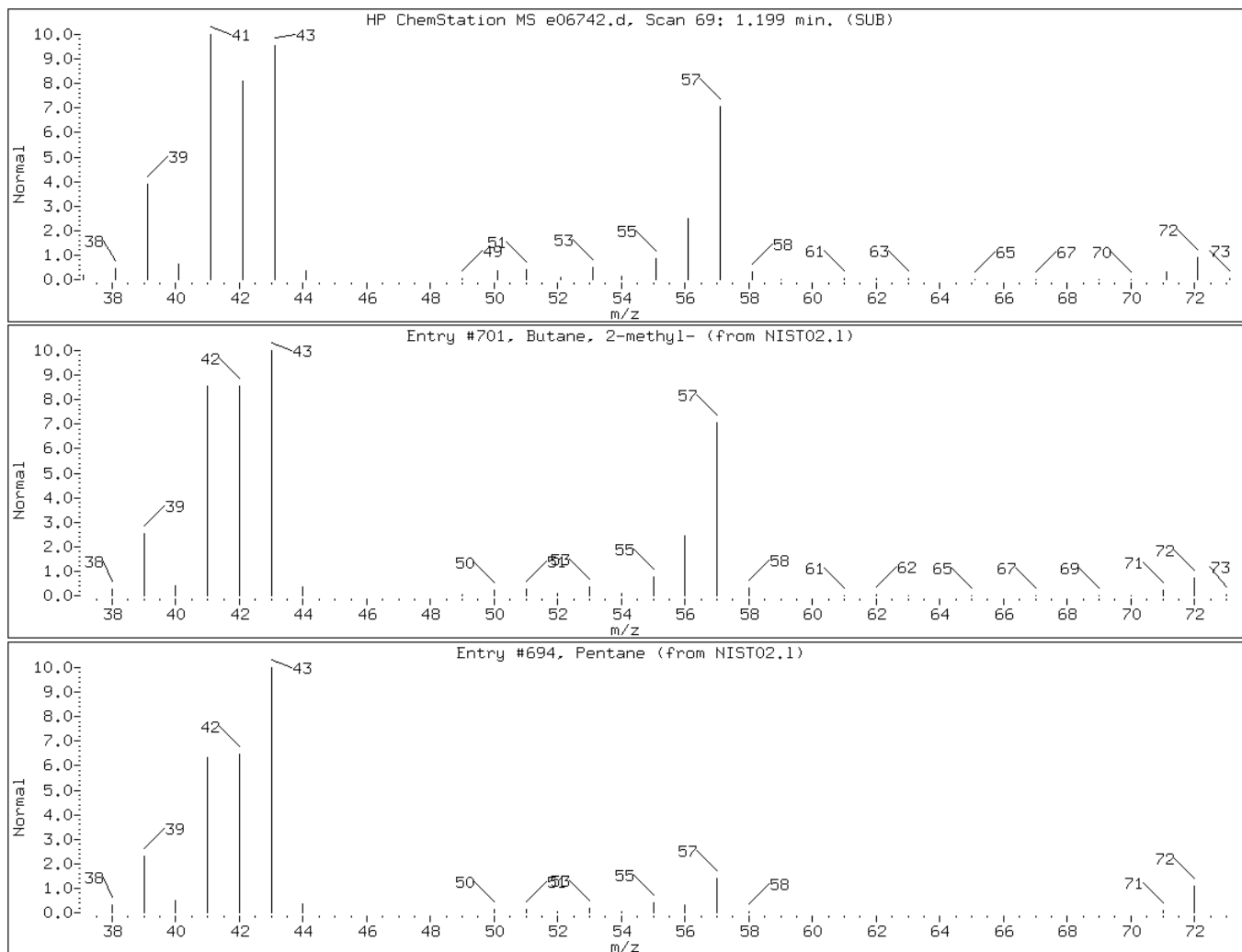
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

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: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

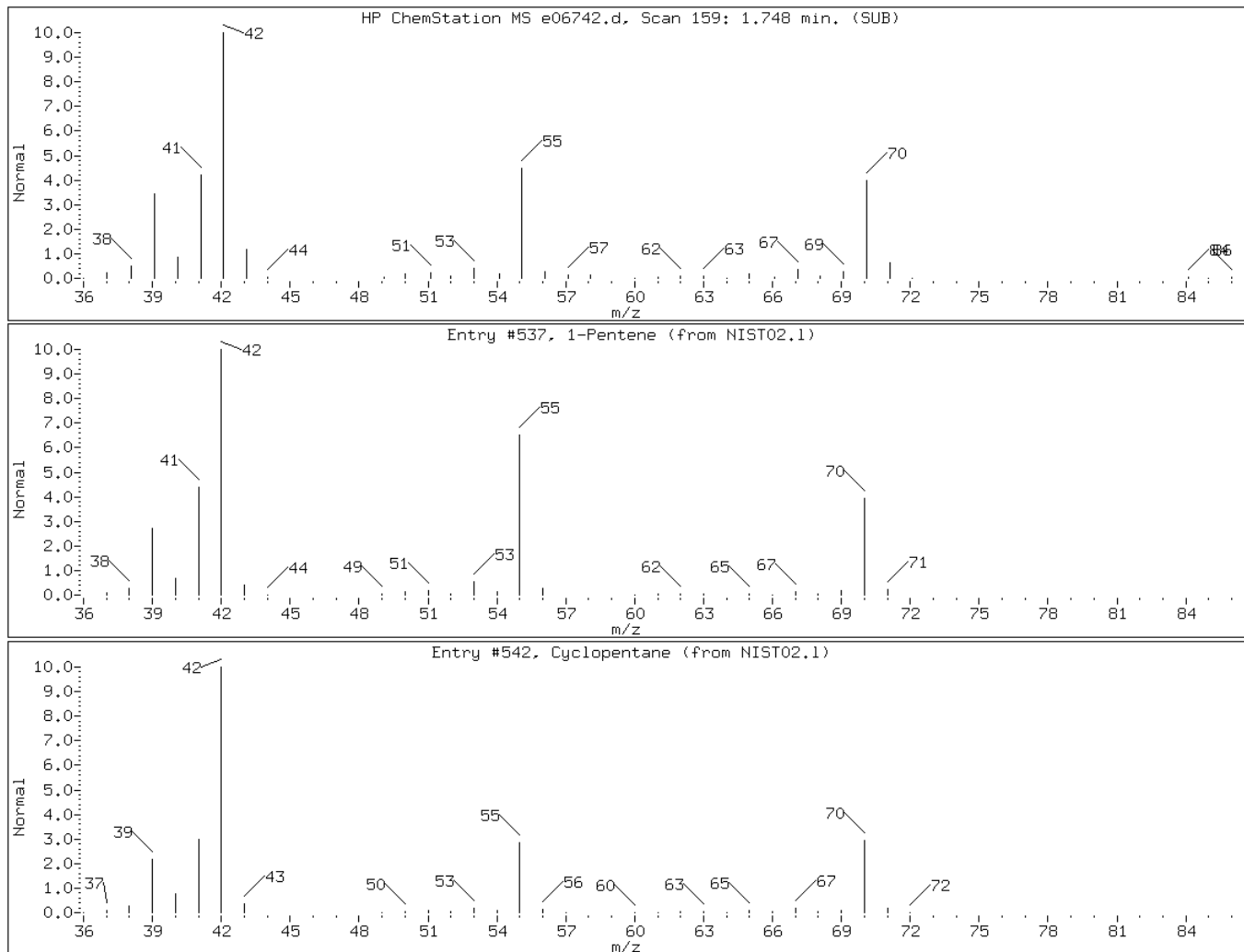
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Cycloalkane						
1-Pentene	109-67-1	NIST02.1	537	86	C5H10	70
Cyclopentane	287-92-3	NIST02.1	542	86	C5H10	70



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

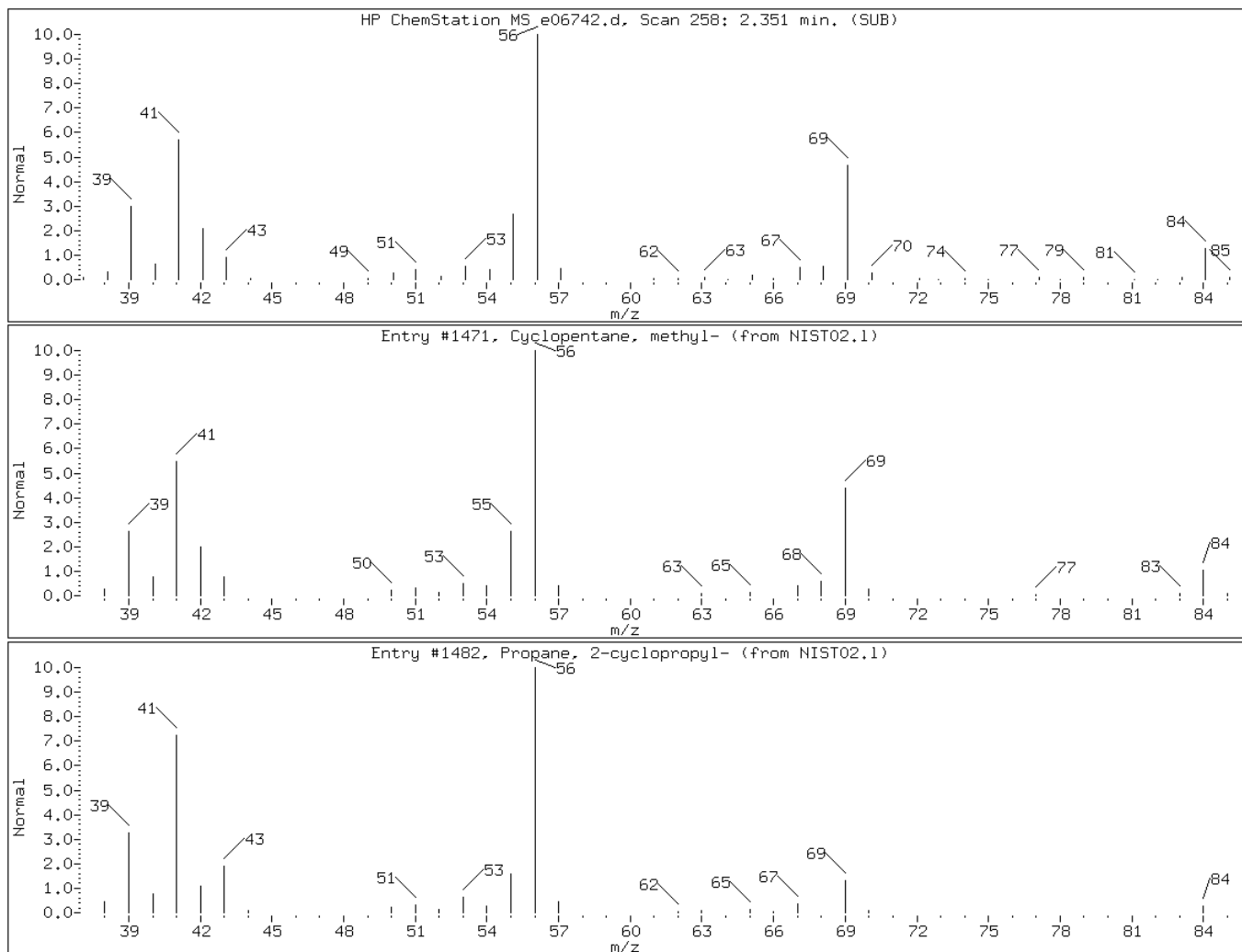
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 2.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.1	1471	94	C6H12	84
Propane, 2-cyclopropyl-	3638-35-5	NIST02.1	1482	80	C6H12	84



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

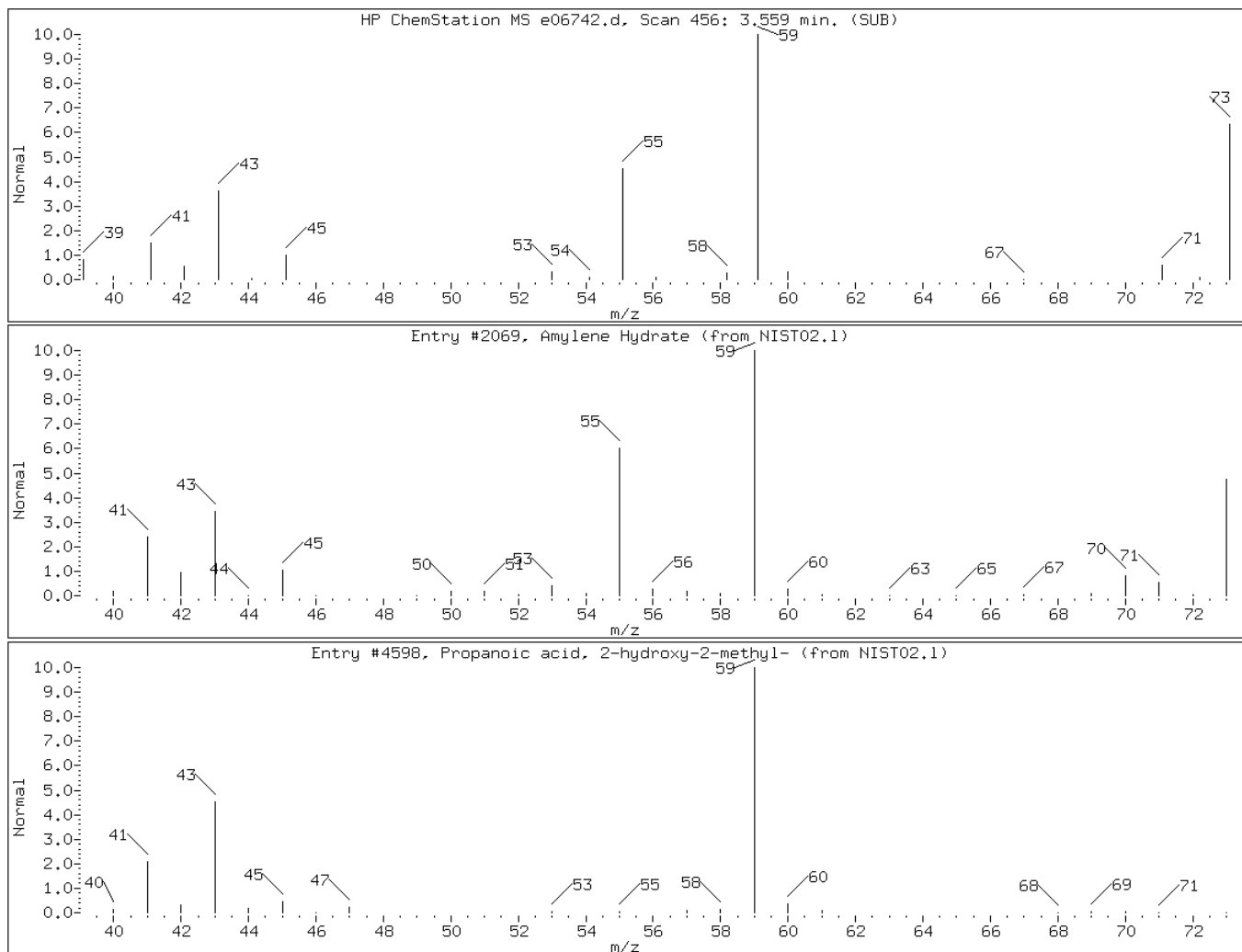
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Amylene Hydrate	75-85-4	NIST02.1	2069	74	C5H12O	88
Propanoic acid, 2-hydroxy-2-methyl	594-61-6	NIST02.1	4598	9	C4H8O3	104



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

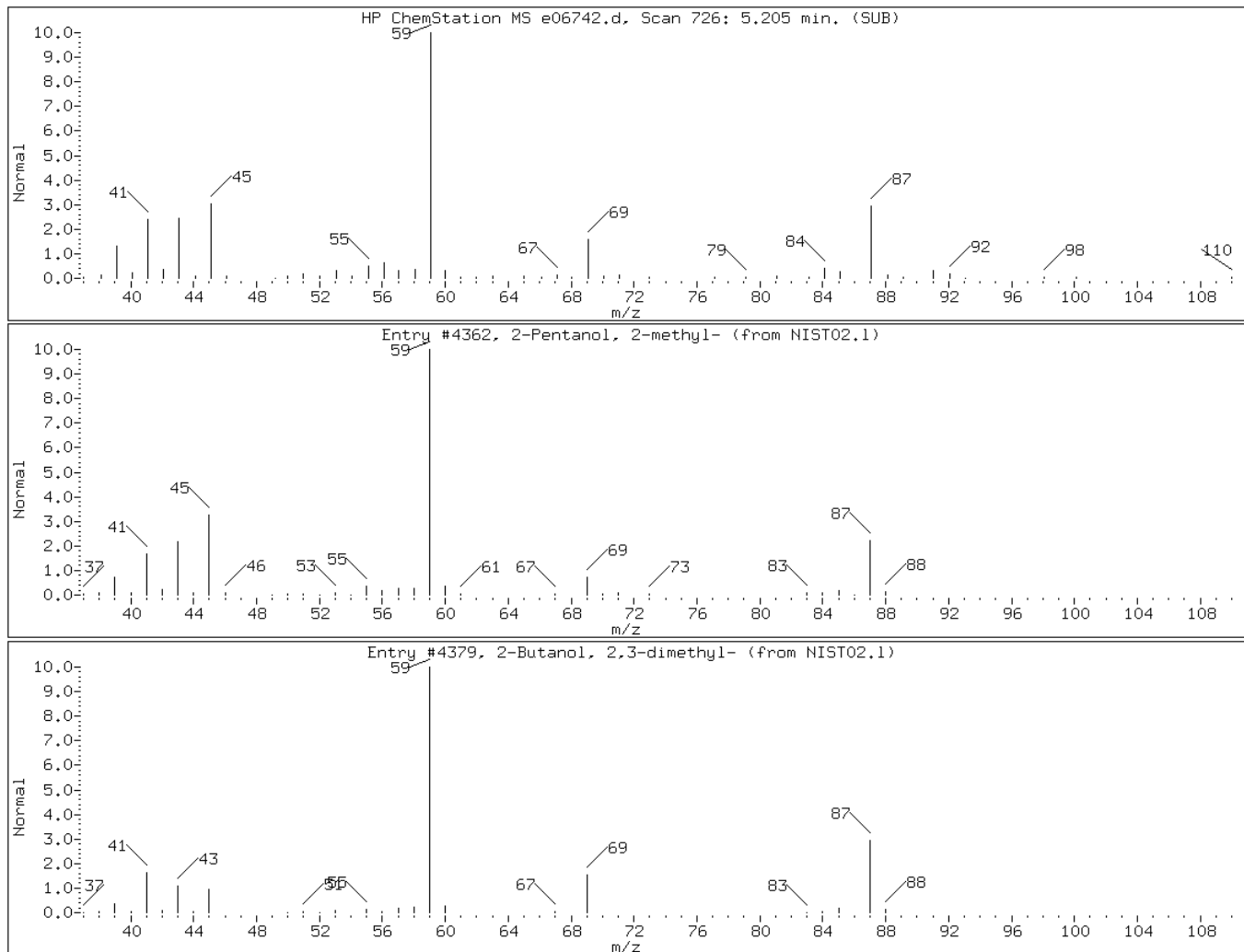
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 5.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
2-Pentanol, 2-methyl-	590-36-3	NIST02.1	4362	78	C6H14O	102
2-Butanol, 2,3-dimethyl-	594-60-5	NIST02.1	4379	72	C6H14O	102



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

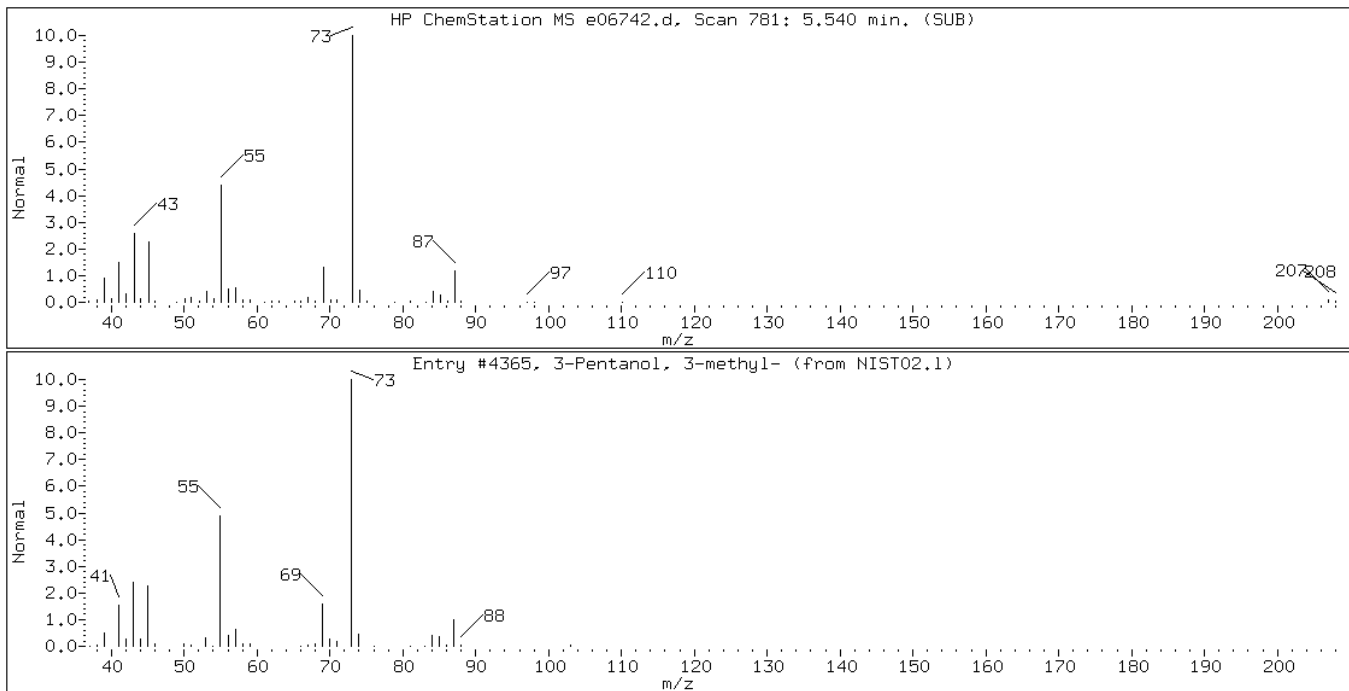
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 5.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
3-Pentanol, 3-methyl-	77-74-7	NIST02.1	4365	64	C6H14O	102



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

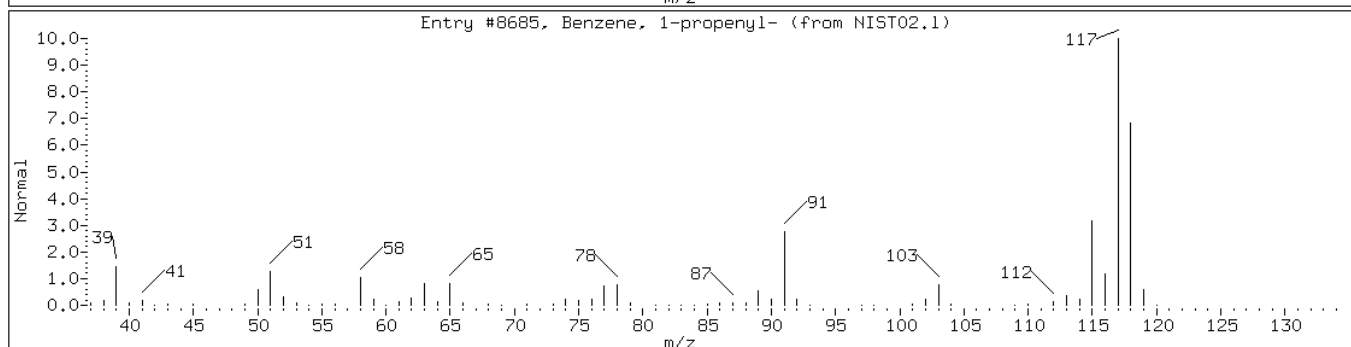
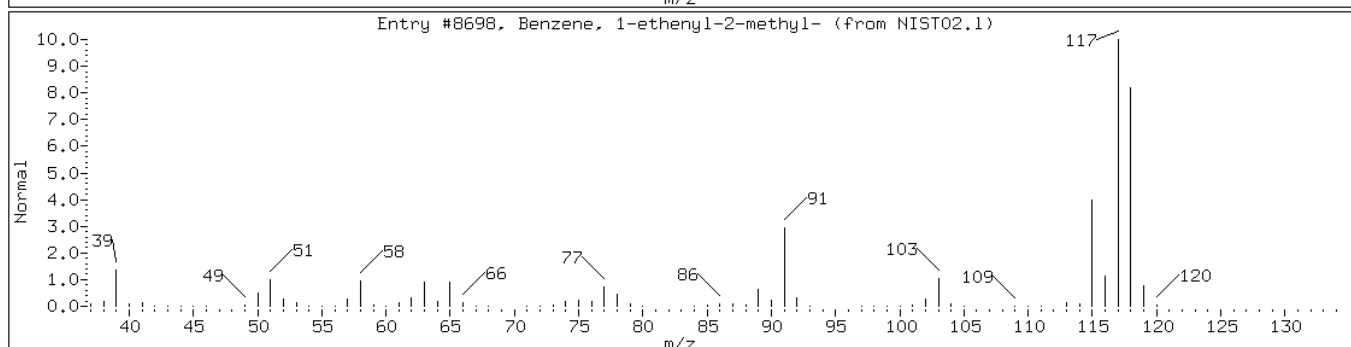
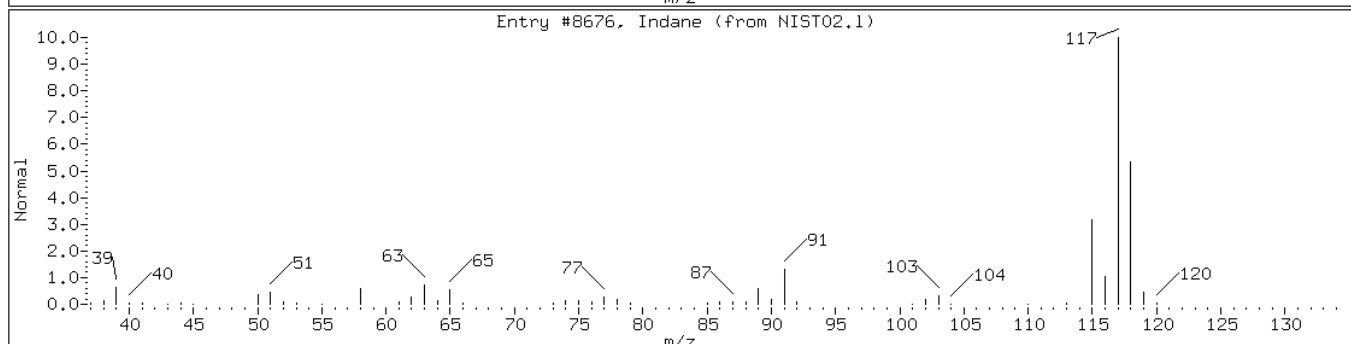
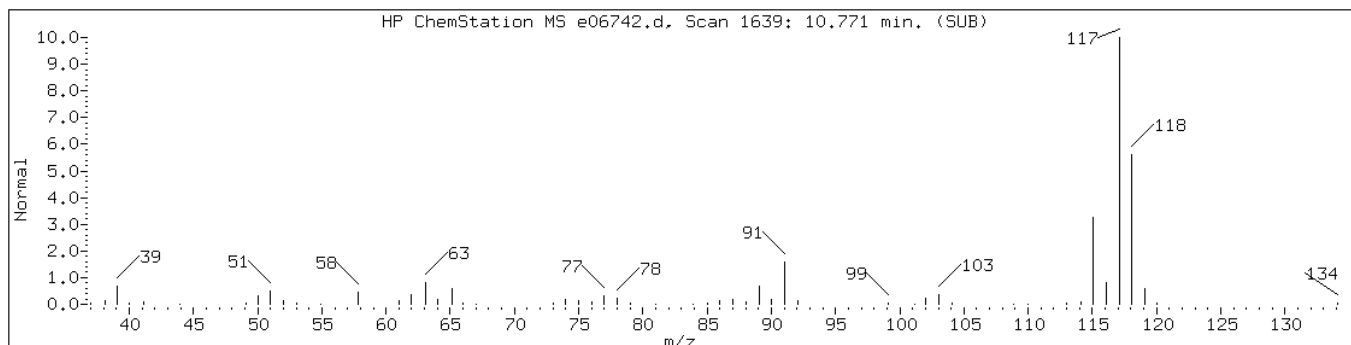
Instrument: VOAMS5.i

Sample Info: 460-43461-C-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, 1-propenyl-	637-50-3	NIST02.1	8685	74	C9H10	118



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

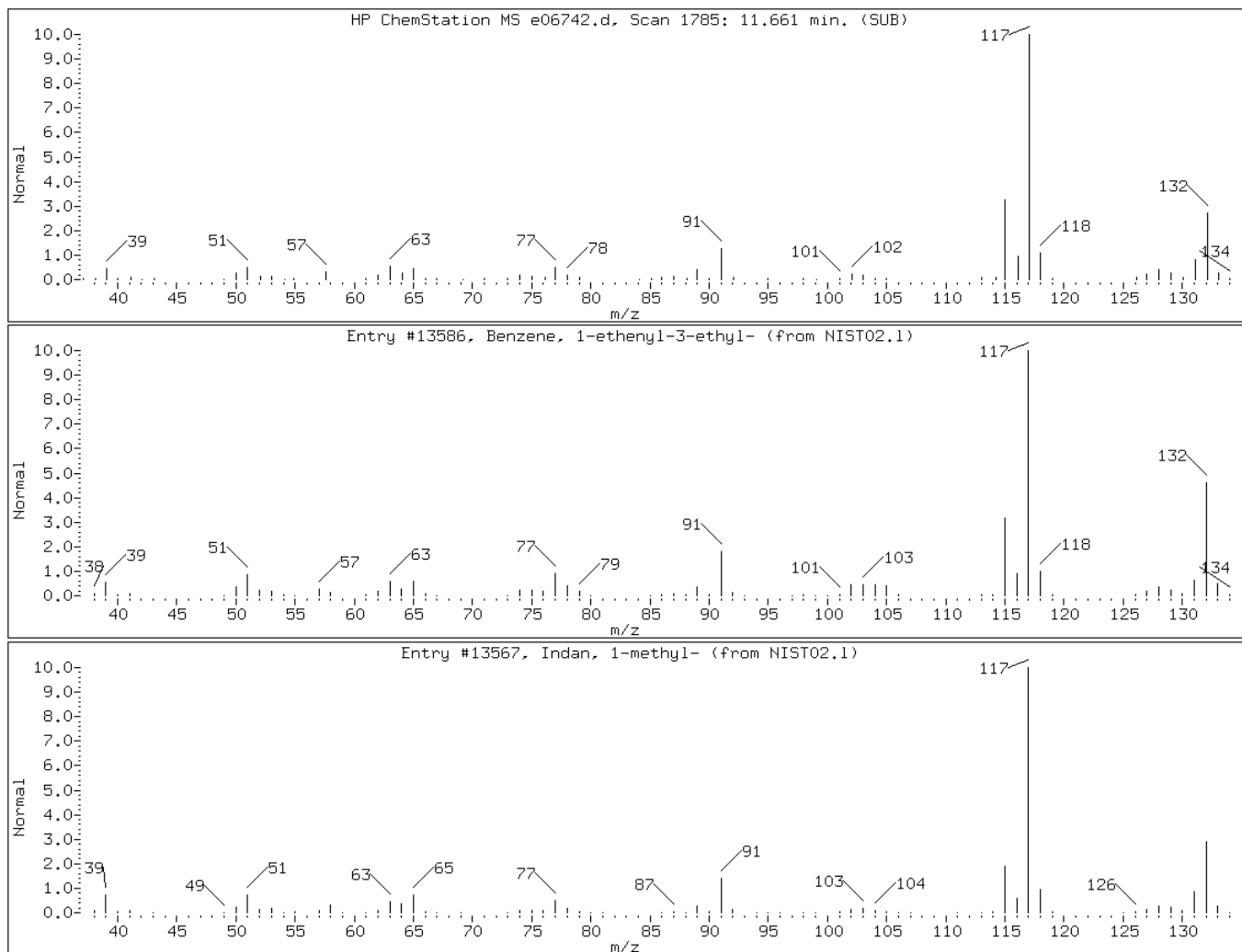
Instrument: VOAMS5.i

Sample Info: 460-43461-C-4

Operator: GC/MS VOAMS5

Retention Time: 11.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.1	13586	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.1	13567	90	C10H12	132



Data File: e06742.d

Date: 14-AUG-2012 12:25

Client ID:

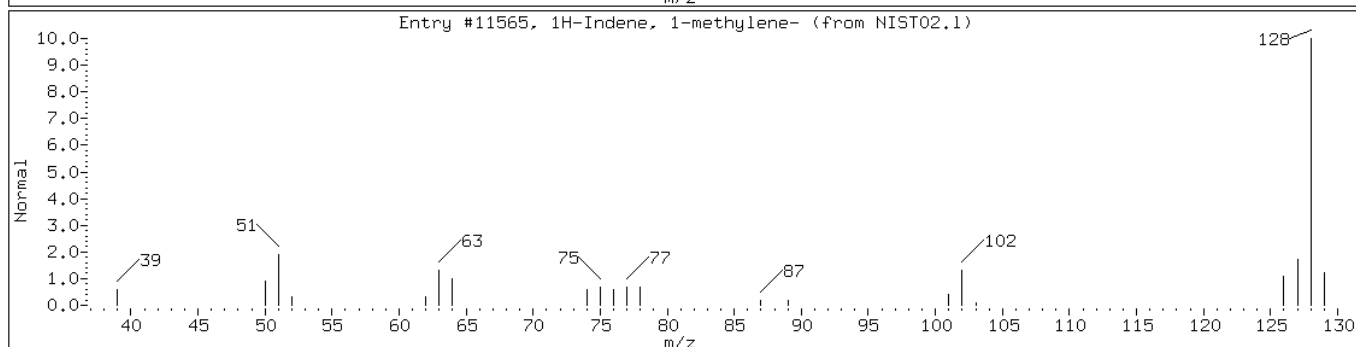
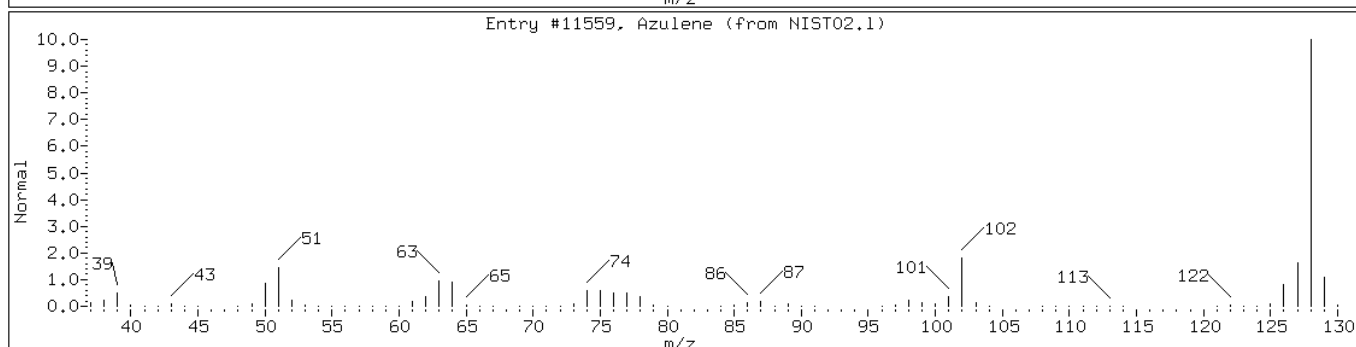
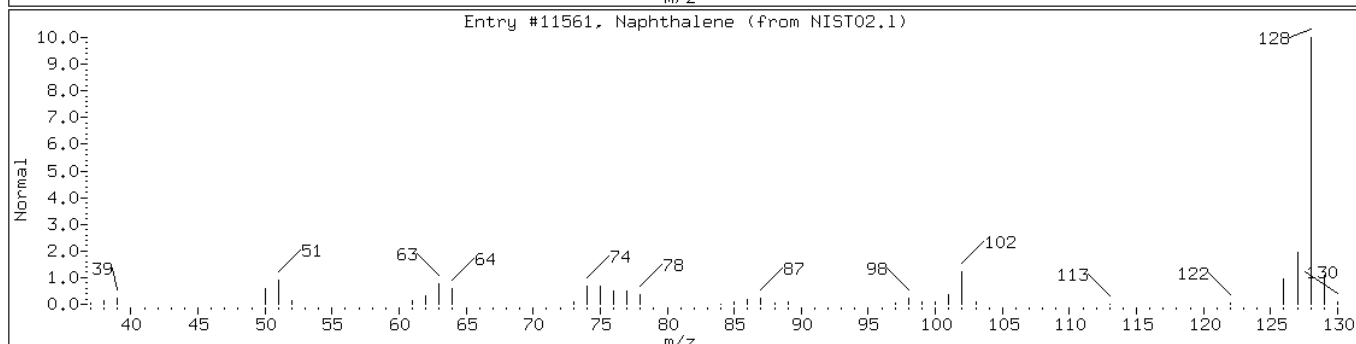
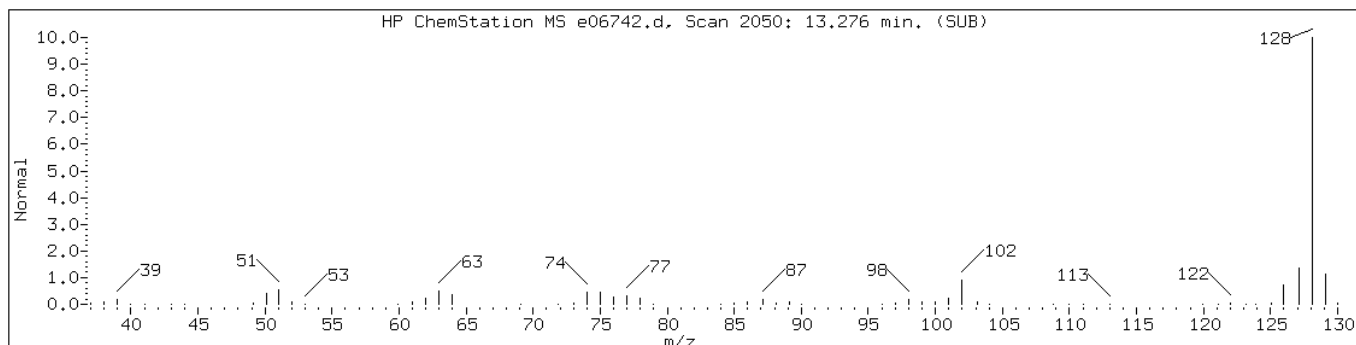
Instrument: VOAMS5.i

Sample Info: 460-43461-C-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	11561	95	C ₁₀ H ₈	128
Azulene	275-51-4	NIST02.1	11559	91	C ₁₀ H ₈	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	90	C ₁₀ H ₈	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1

SDG No.: _____

Client Sample ID: TB-17338-081312-336 Lab Sample ID: 460-43461-5

Matrix: Water Lab File ID: e06734.d

Analysis Method: 8260B Date Collected: 08/13/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 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.: 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	0.18	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: TB-17338-081312-336 Lab Sample ID: 460-43461-5
 Matrix: Water Lab File ID: e06734.d
 Analysis Method: 8260B Date Collected: 08/13/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 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.: 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)	103		70-130
460-00-4	4-Bromofluorobenzene	99		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.: 460-43461-1
SDG No.: _____
Client Sample ID: TB-17338-081312-336 Lab Sample ID: 460-43461-5
Matrix: Water Lab File ID: e06734.d
Analysis Method: 8260B Date Collected: 08/13/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 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.: 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/e06734.d
Report Date: 14-Aug-2012 22:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06734.d
Lab Smp Id: 460-43461-A-5
Inj Date : 14-AUG-2012 09:18
Operator : GC/MS VOAMS5
Smp Info : 460-43461-A-5
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: 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: $\text{Amt} * \text{DF} * 5/\text{Vo} * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.357	3.357	(0.934)	207346	51.5999	52
* 52 Fluorobenzene	96		3.595	3.595	(1.000)	654126	50.0000	
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)	648777	47.8139	48
66 Toluene	91		5.162	5.162	(0.742)	2361	0.17813	0.18(a)
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)	592110	50.0000	
82 m+p-Xylene	106		7.283	7.277	(1.047)	1667	0.26389	0.26(a)
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)	322765	49.2947	49
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)	380910	50.0000	

QC Flag Legend

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

Data File: e06734.d

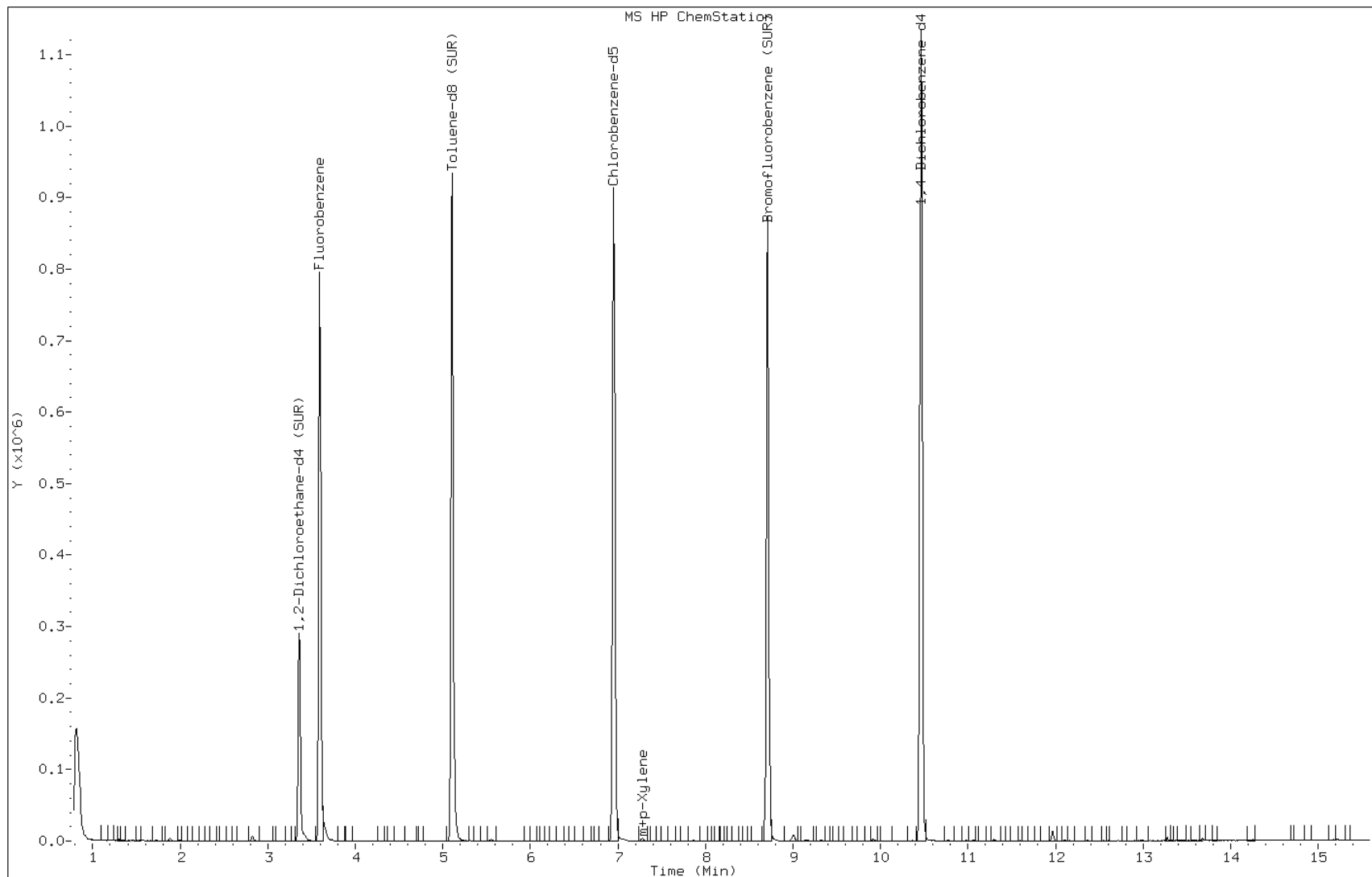
Date: 14-AUG-2012 09:18

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-5

Operator: GC/MS VOAMS5



Data File: e06734.d

Date: 14-AUG-2012 09:18

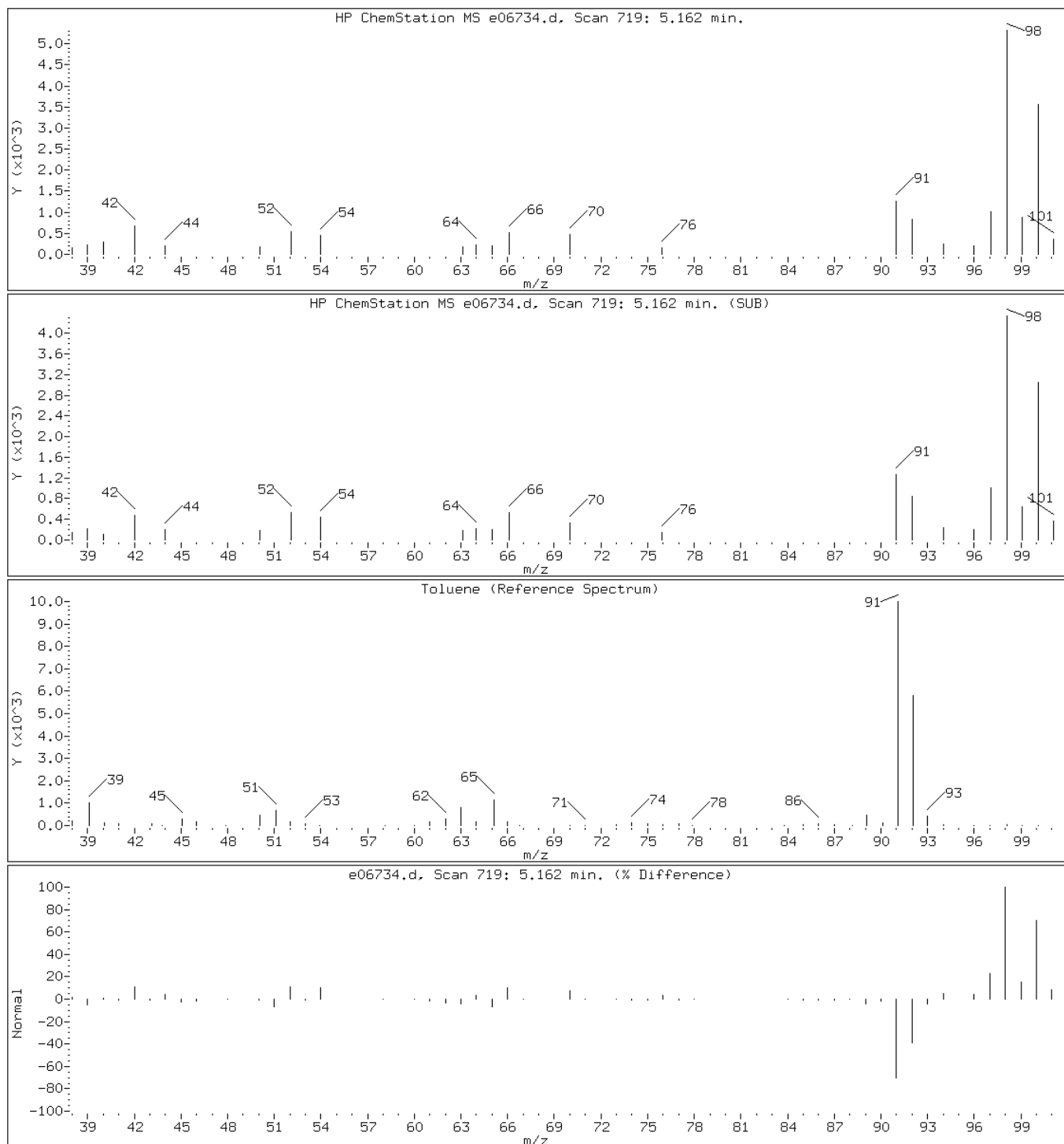
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-5

Operator: GC/MS VOAMS5

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1

SDG No.: _____

Client Sample ID: TB-17338-081312-337 Lab Sample ID: 460-43461-6

Matrix: Water Lab File ID: e06733.d

Analysis Method: 8260B Date Collected: 08/13/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:55

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	0.19	J	1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	0.24	U	1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43461-1
 SDG No.: _____
 Client Sample ID: TB-17338-081312-337 Lab Sample ID: 460-43461-6
 Matrix: Water Lab File ID: e06733.d
 Analysis Method: 8260B Date Collected: 08/13/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:55
 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)	105		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.: 460-43461-1
SDG No.: _____
Client Sample ID: TB-17338-081312-337 Lab Sample ID: 460-43461-6
Matrix: Water Lab File ID: e06733.d
Analysis Method: 8260B Date Collected: 08/13/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 08:55
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/e06733.d
 Report Date: 14-Aug-2012 22:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/14aug12W.b/e06733.d
 Lab Smp Id: 460-43461-A-6
 Inj Date : 14-AUG-2012 08:55
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43461-A-6
 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: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	(ug/L)	FINAL
=====	=====	==	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	217417	52.3526		52
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	676037	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	668168	49.4162		49
66 Toluene	91	5.156	5.162	(0.741)	2462	0.18641		0.19(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	590035	50.0000		
82 m+p-Xylene	106	7.283	7.277	(1.047)	1740	0.27642		0.28(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	315713	50.1527		50
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	366213	50.0000		

QC Flag Legend

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

Data File: e06733.d

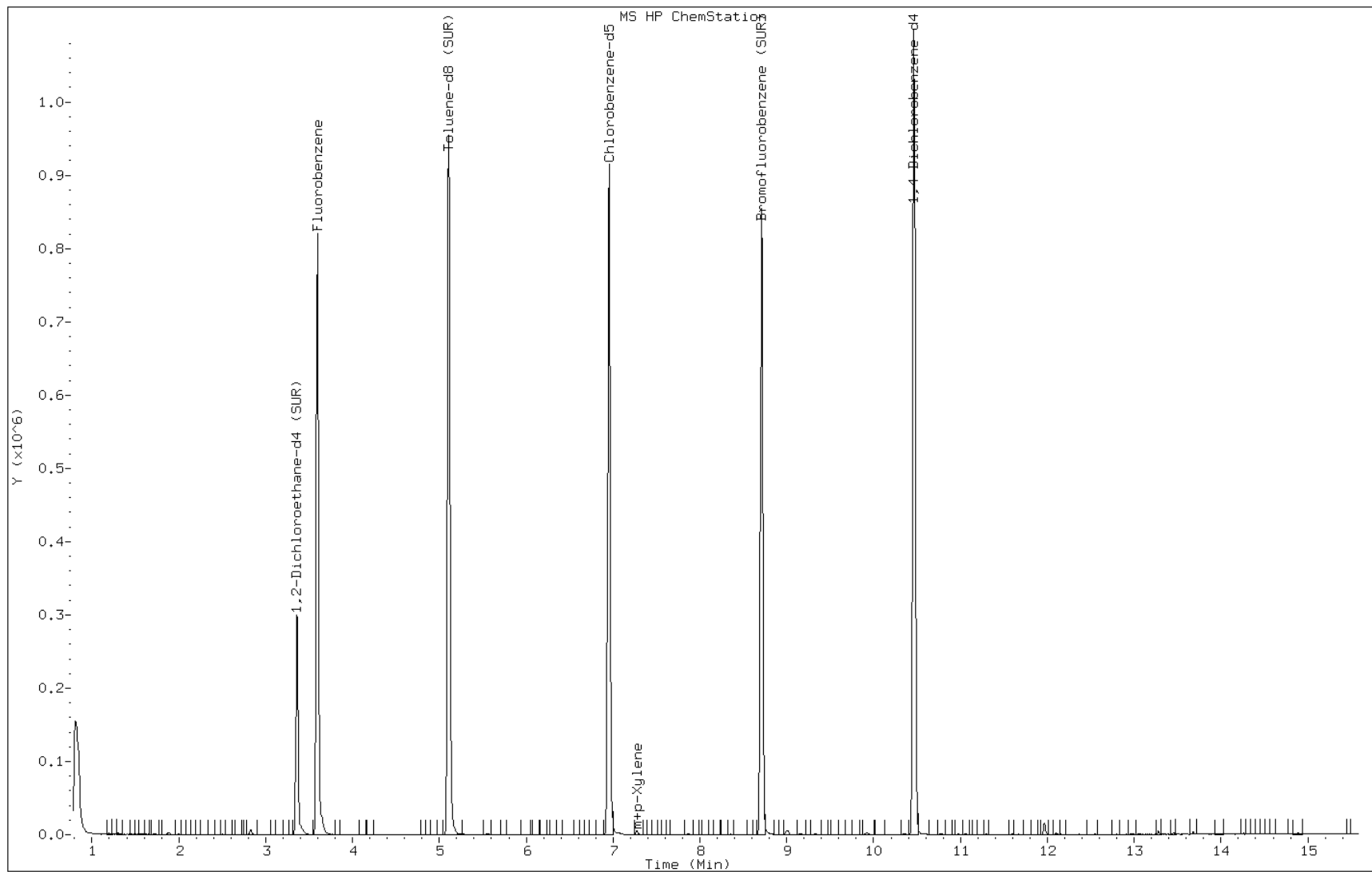
Date: 14-AUG-2012 08:55

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-6

Operator: GC/MS VOAMS5



Data File: e06733.d

Date: 14-AUG-2012 08:55

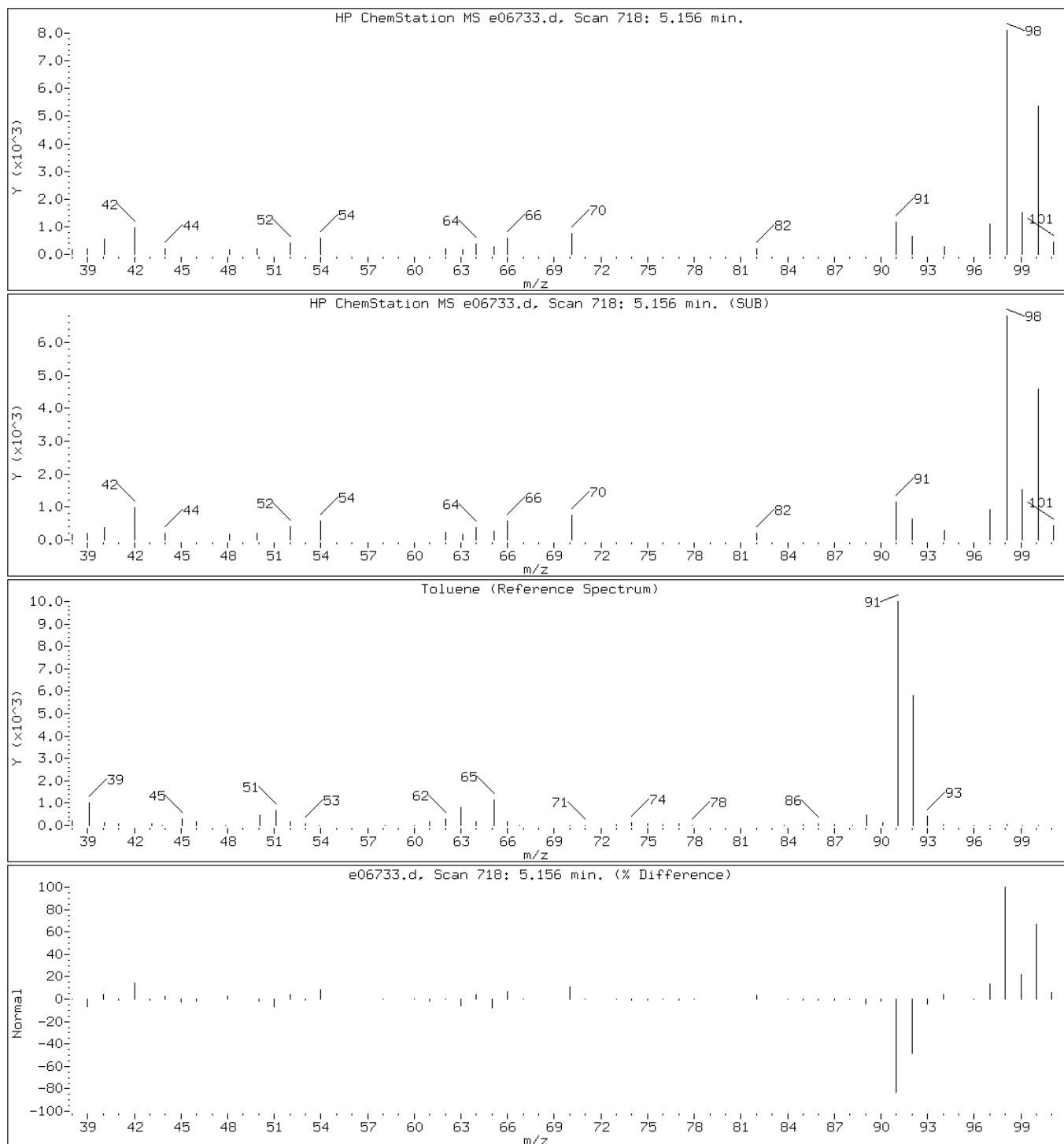
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43461-A-6

Operator: GC/MS VOAMS5

66 Toluene



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

Lab Name: TestAmerica Edison Job No.: 460-43461-1 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.: 460-43461-1 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.: 460-43461-1 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.: 460-43461-1 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.: 460-43461-1 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.: 460-43461-1 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

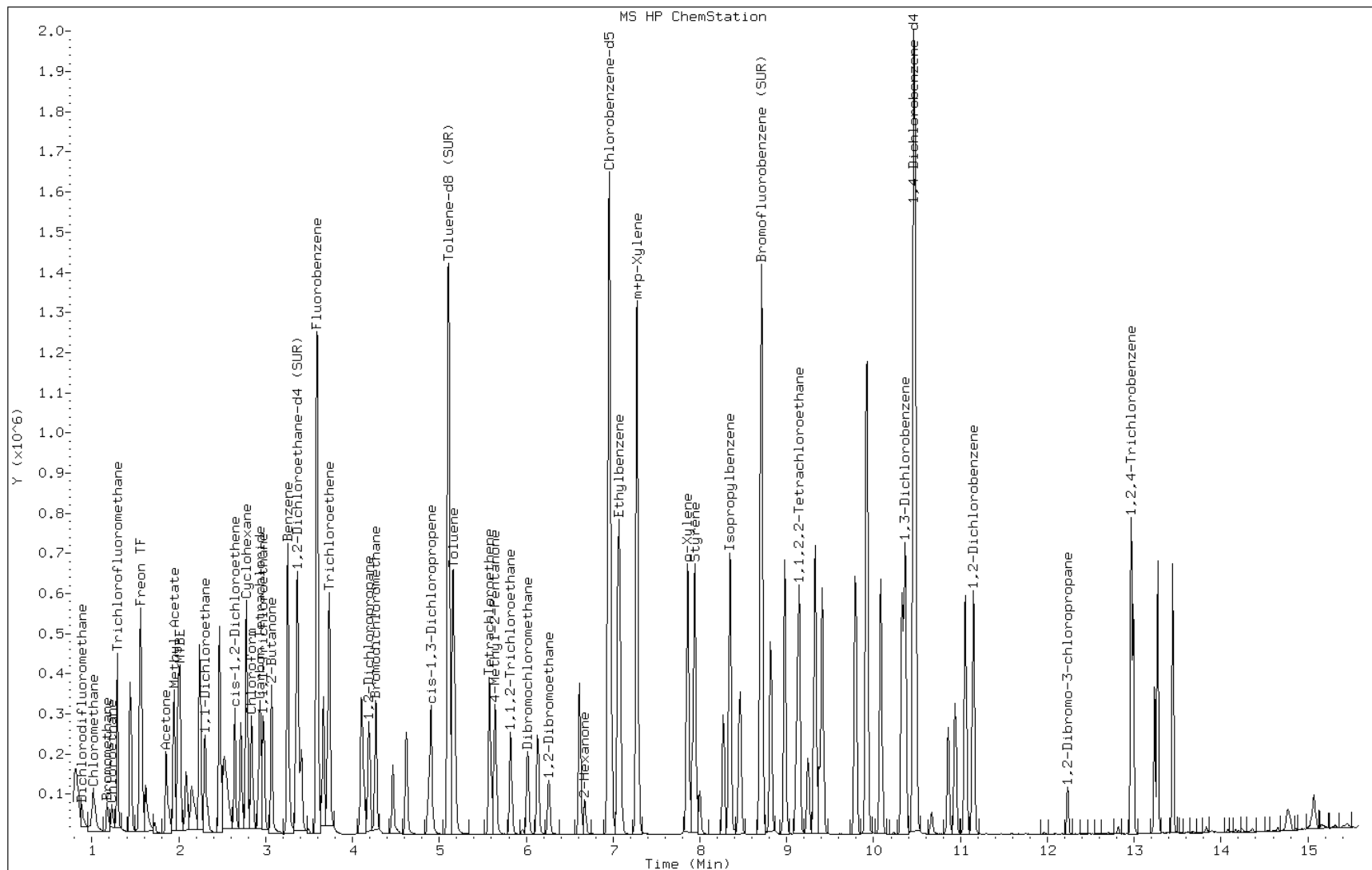
Date: 30-JUL-2012 04:34

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

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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

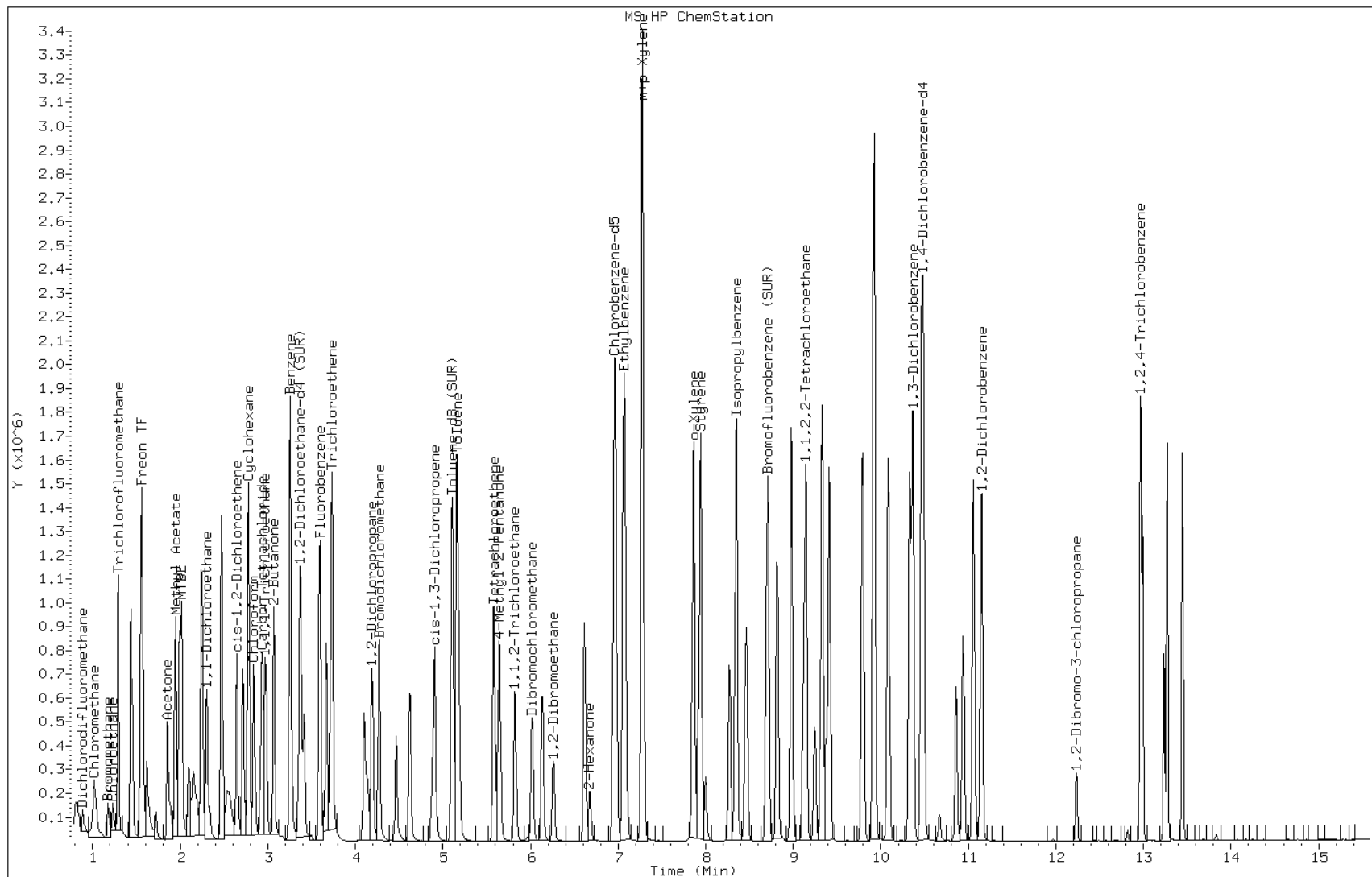
Date: 30-JUL-2012 06:31

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

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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

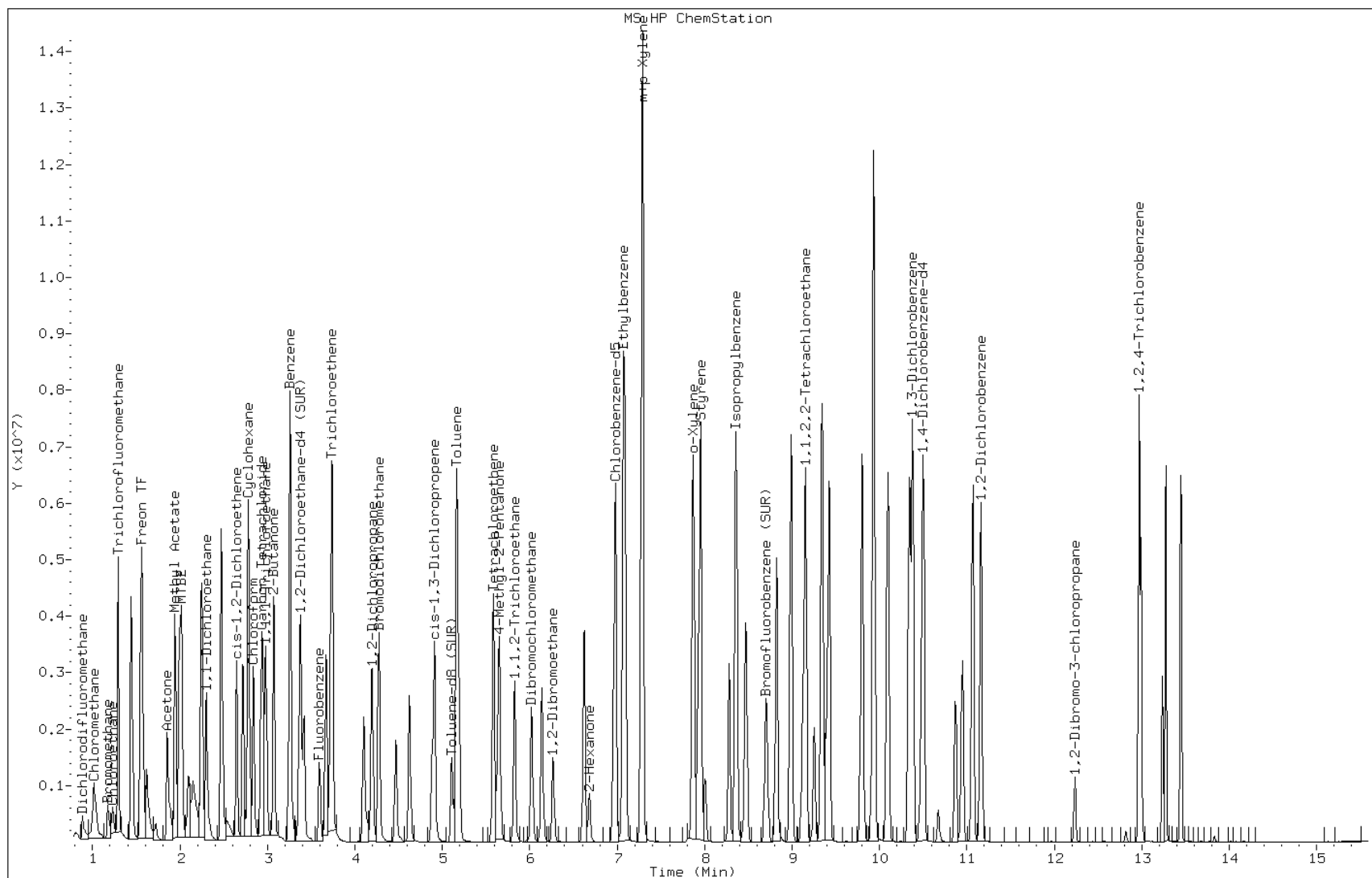
Cpnd Variable Local Compound Variable

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

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
 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

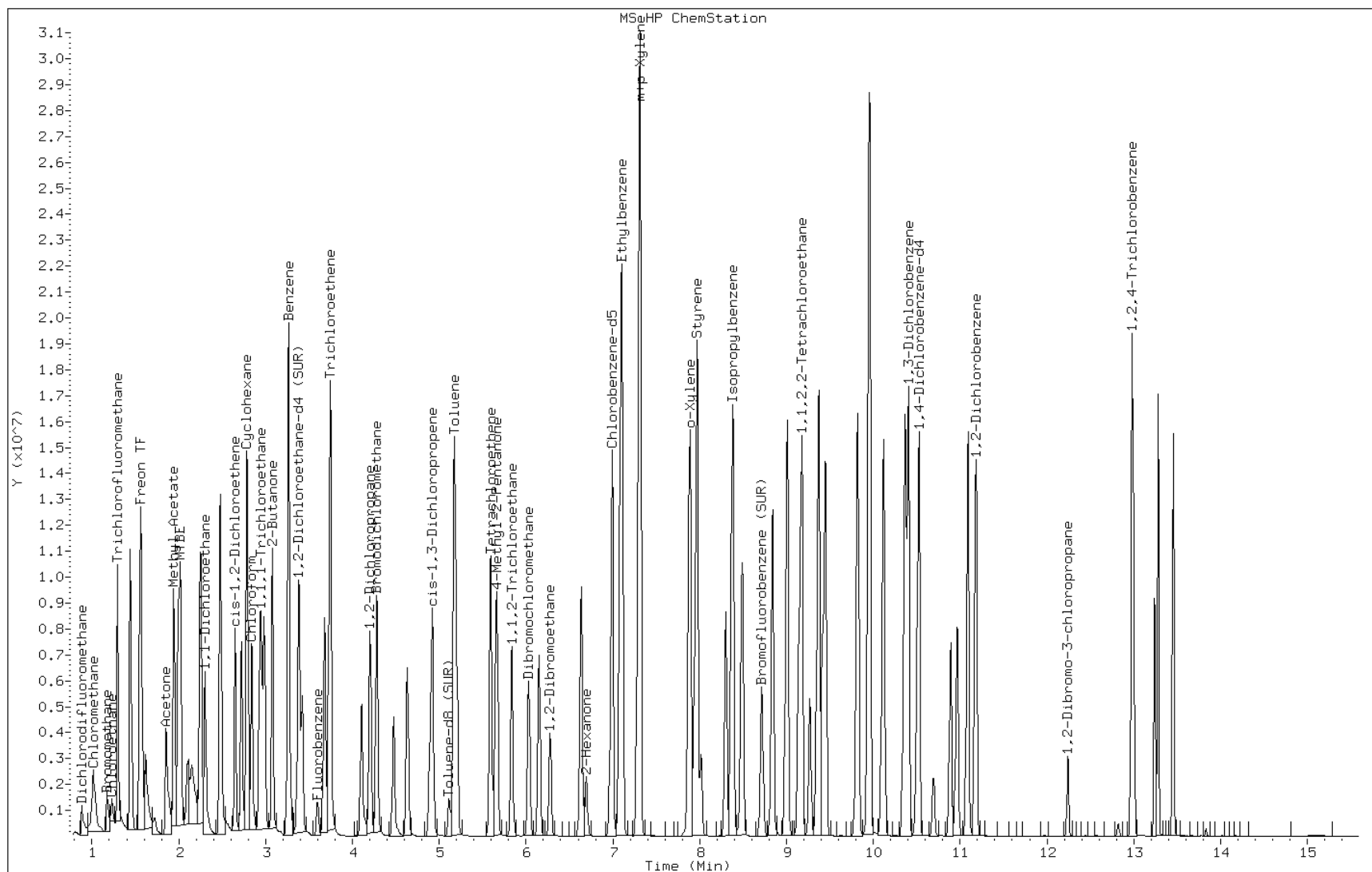
Date: 30-JUL-2012 07:18

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

TestAmerica

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

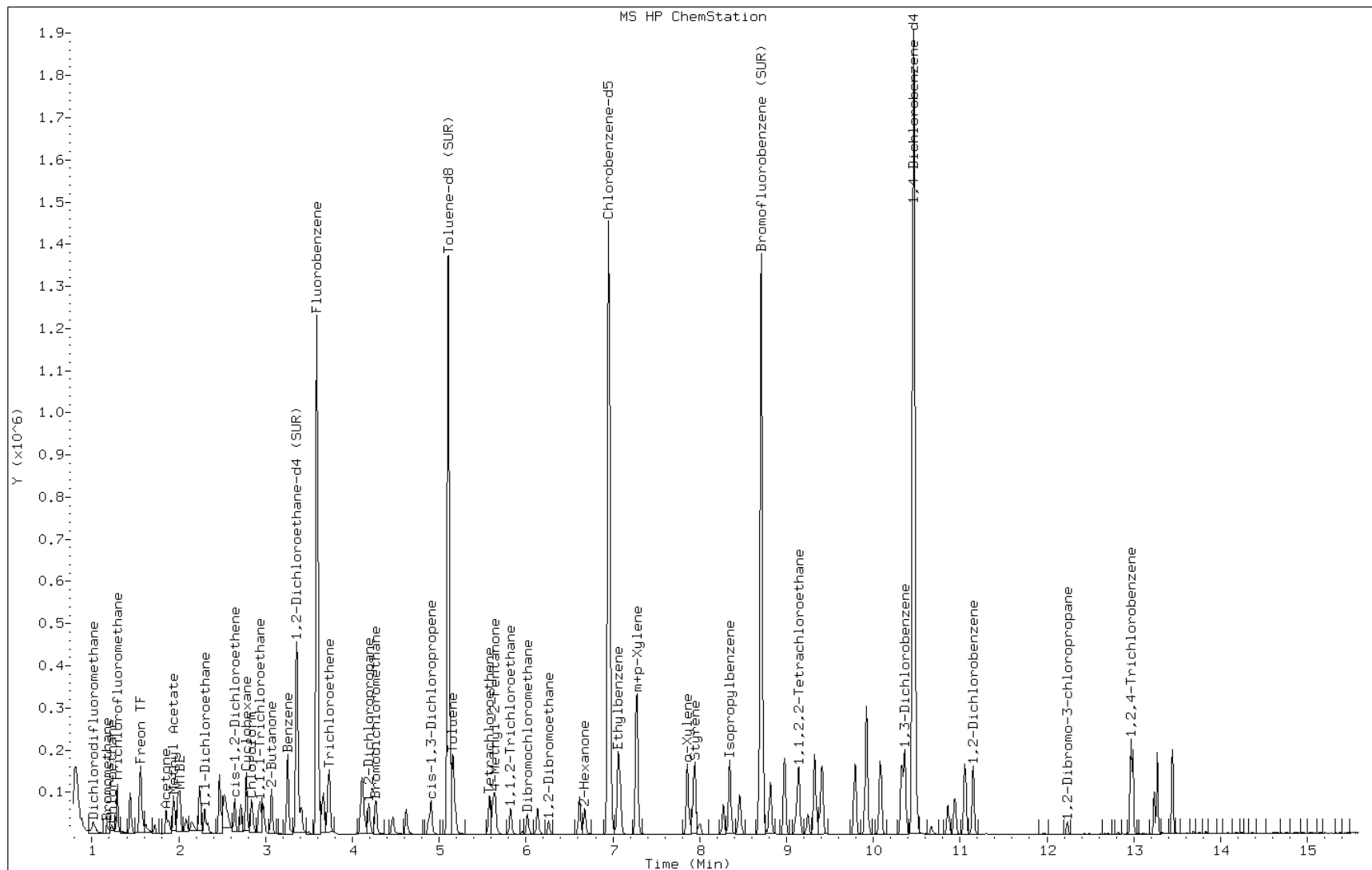
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
	(ug/L)	(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

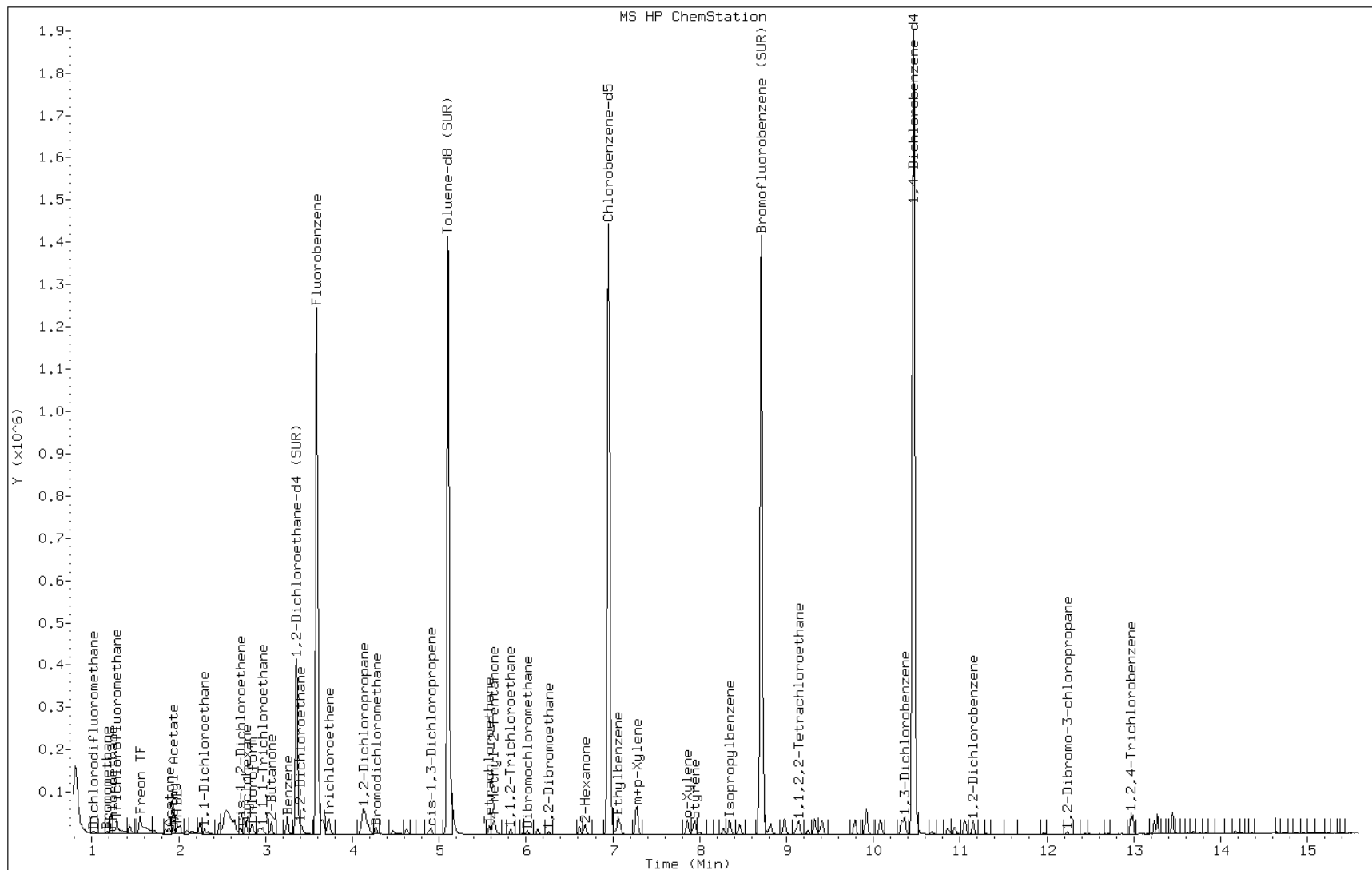
Date: 30-JUL-2012 09:39

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.: 460-43461-1

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.: 460-43461-1
 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

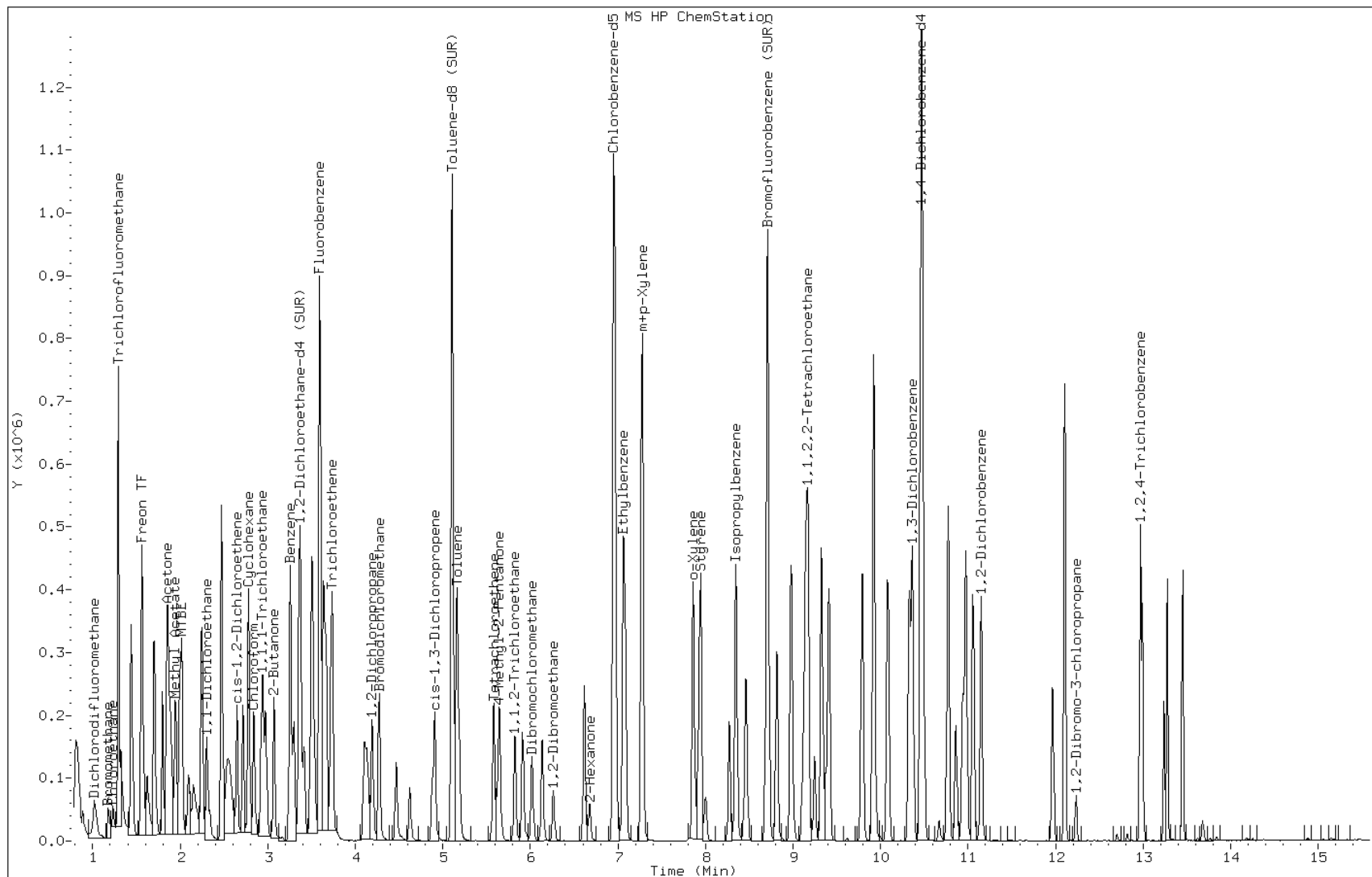
Date: 14-AUG-2012 05:35

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.: 460-43461-1

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.: 460-43461-1
 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: e06755.d

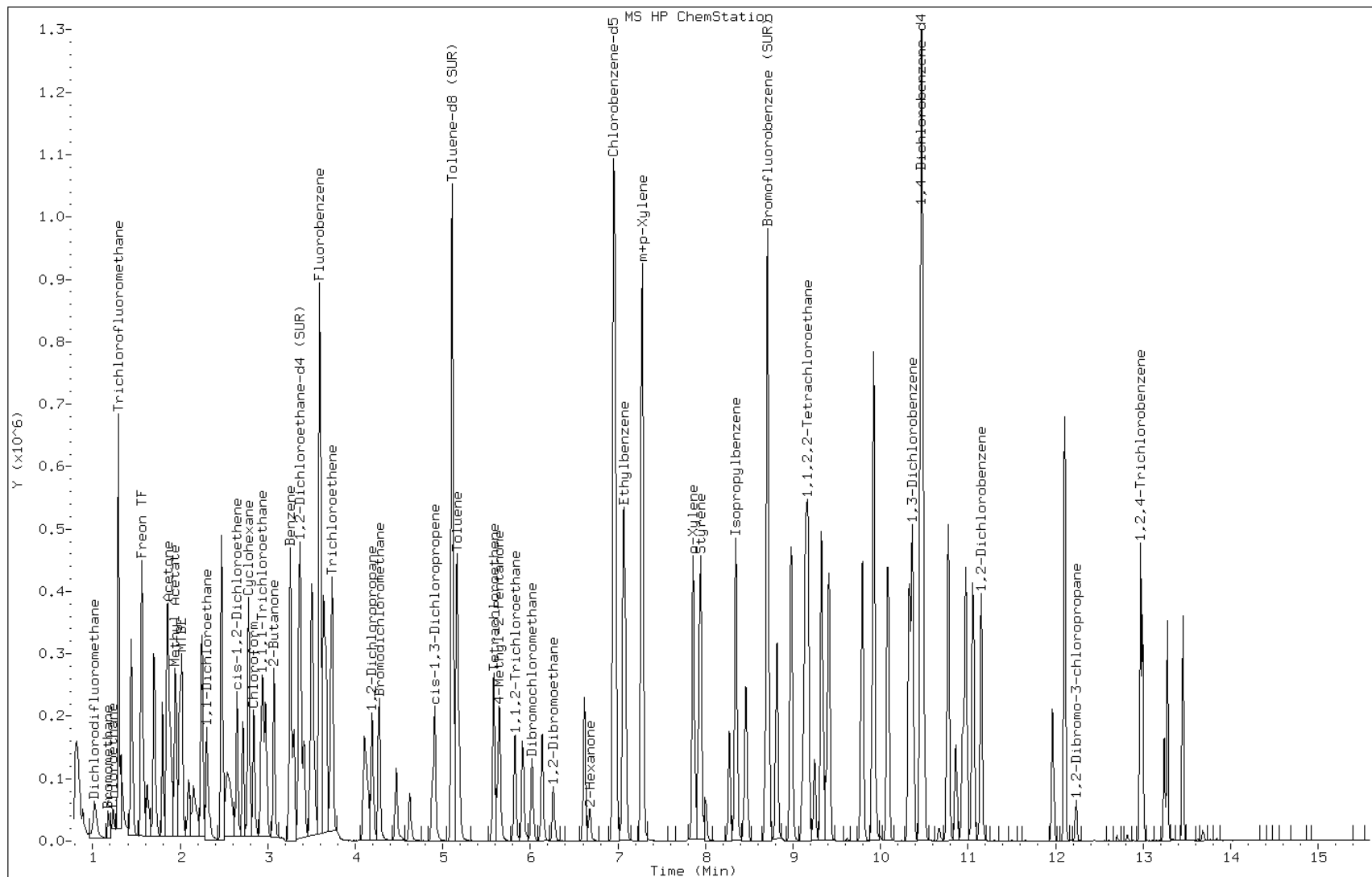
Date: 14-AUG-2012 17:27

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



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

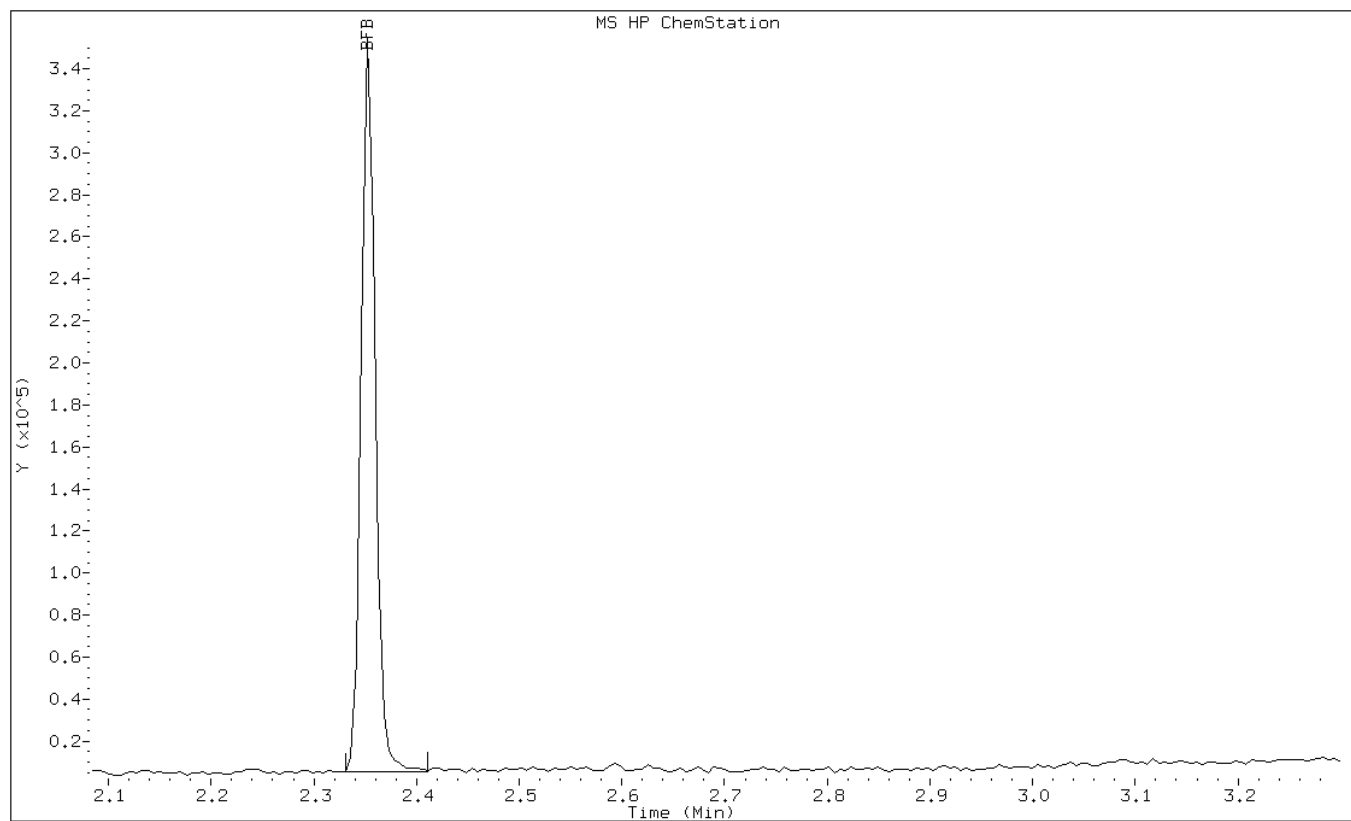
Date: 30-JUL-2012 03:47

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e05997.d

Date: 30-JUL-2012 03:47

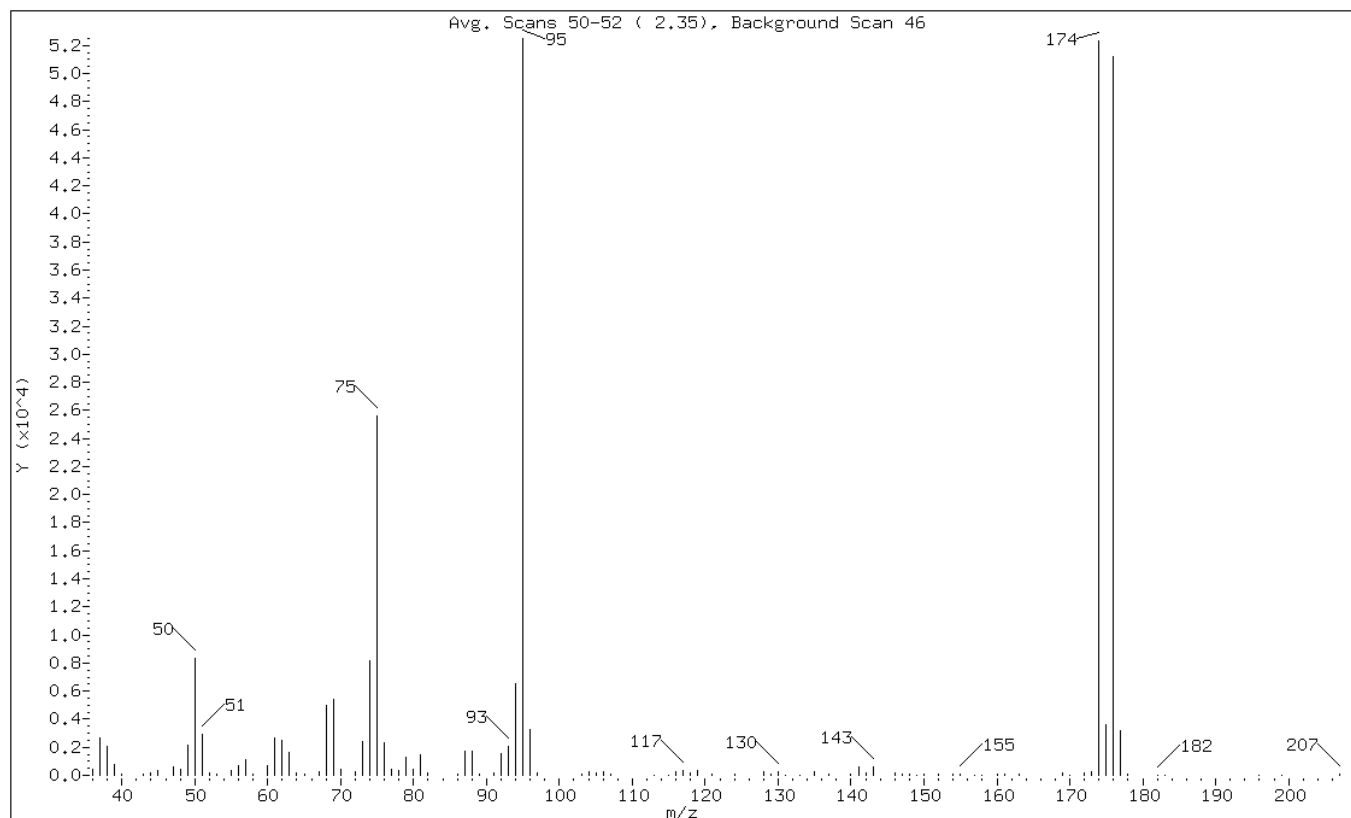
Client ID:

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/07-30-12/14aug12W.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 Inst ID: VOAMS5.i
 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 Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

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		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
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

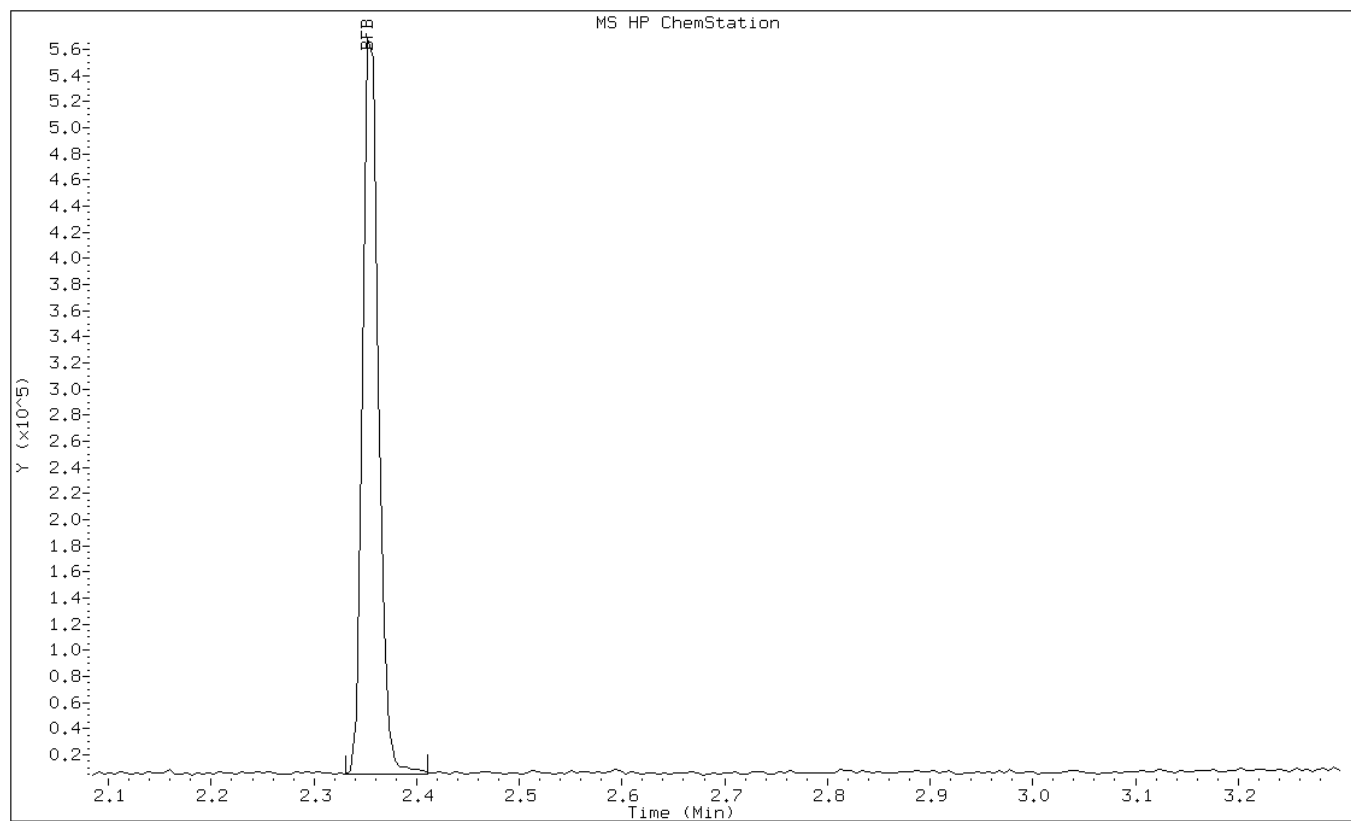
Date: 14-AUG-2012 05:02

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06726.d

Date: 14-AUG-2012 05:02

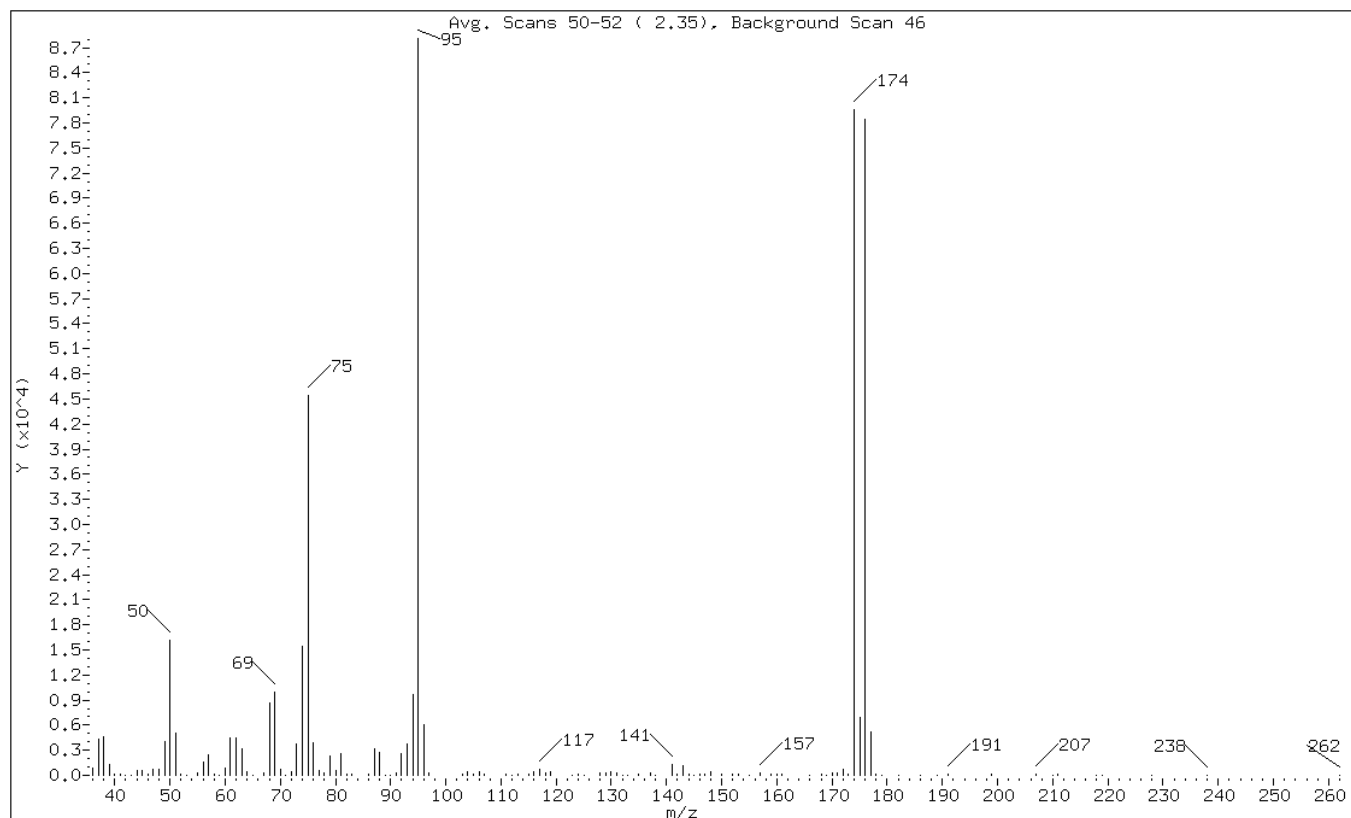
Client ID:

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.: 460-43461-1

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.: 460-43461-1
 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.: 460-43461-1
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

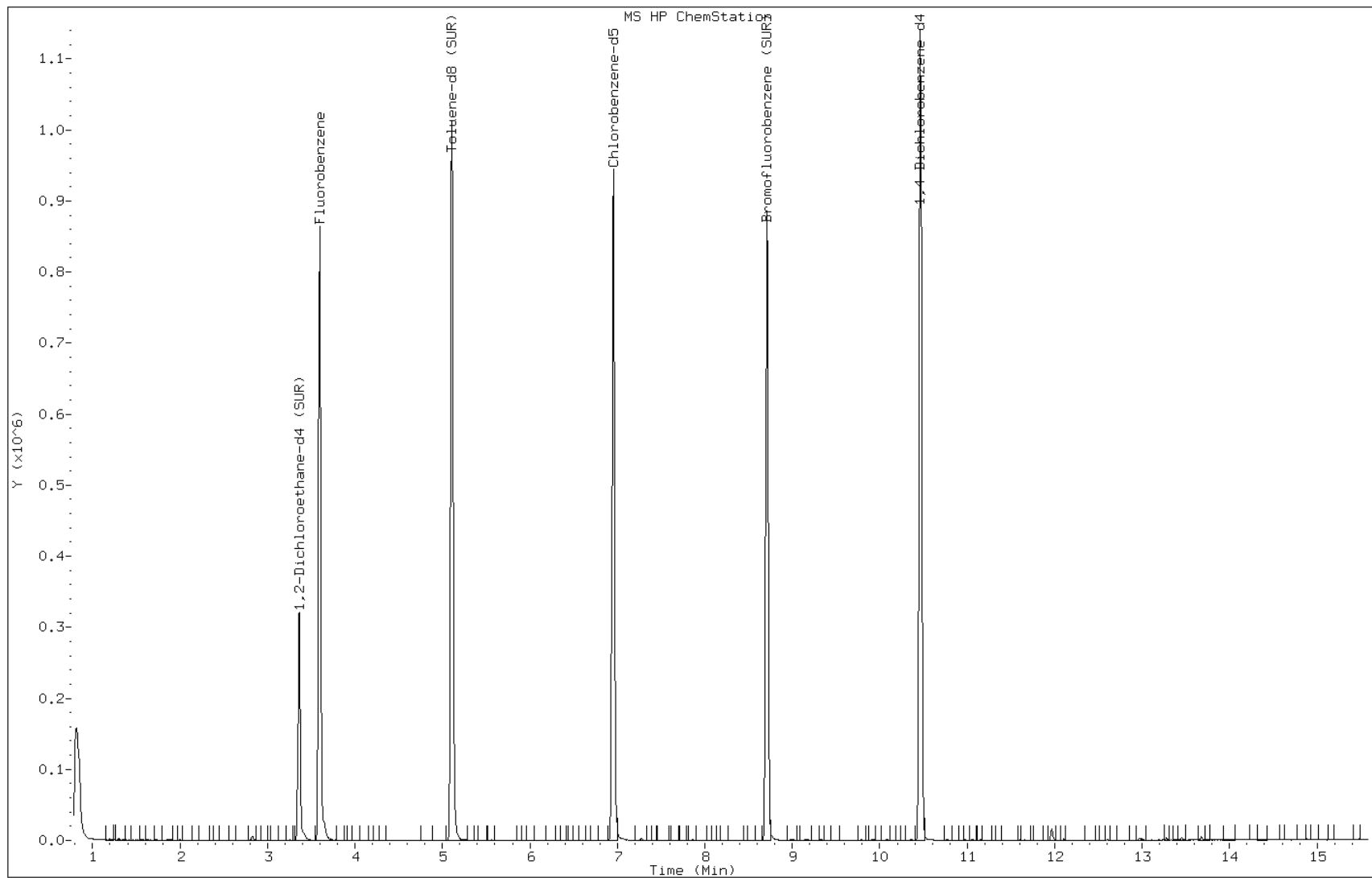
Date: 14-AUG-2012 08:30

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.: 460-43461-1

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.: 460-43461-1
 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

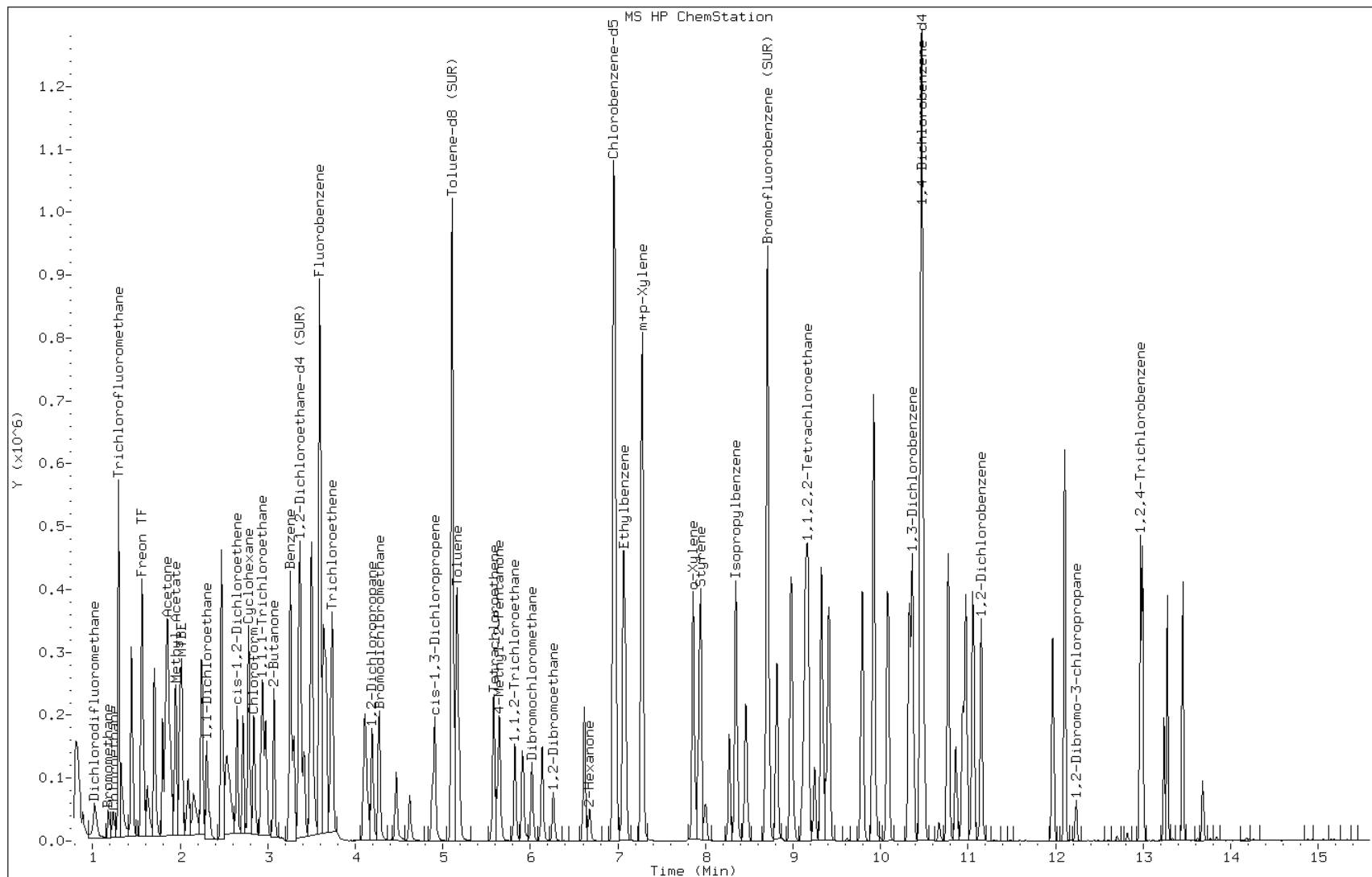
Date: 14-AUG-2012 06:57

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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4 MS
 Matrix: Water Lab File ID: e06743.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:50
 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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4 MS
 Matrix: Water Lab File ID: e06743.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:50
 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: 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)	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

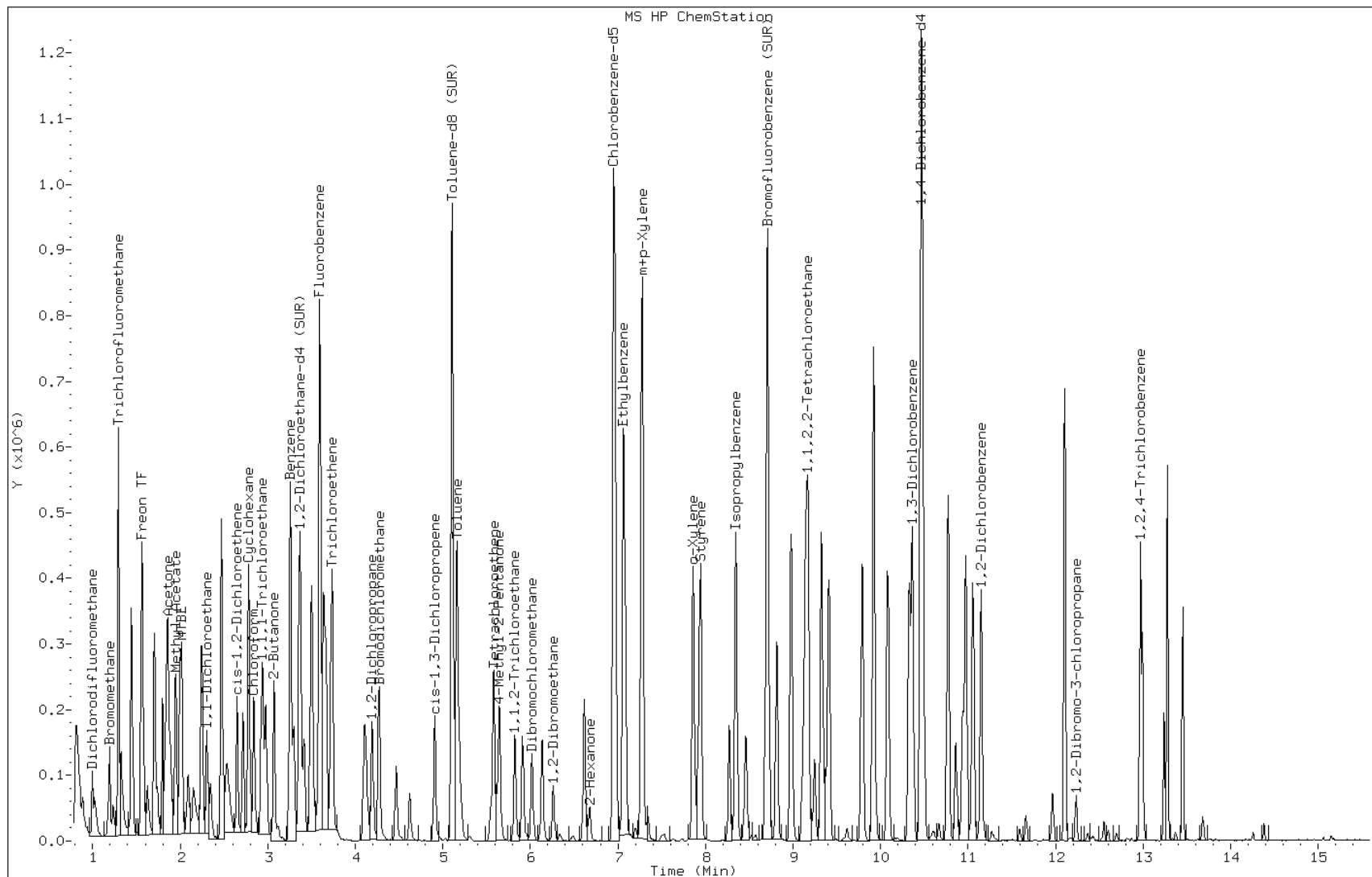
Date: 14-AUG-2012 12:48

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.: 460-43461-1

SDG No.: _____

Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4 MSD

Matrix: Water Lab File ID: e06744.d

Analysis Method: 8260B Date Collected: 08/13/2012 10:50

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.: 460-43461-1
 SDG No.: _____
 Client Sample ID: WG-17338-081312-VAS8-MM-3 Lab Sample ID: 460-43461-4 MSD
 Matrix: Water Lab File ID: e06744.d
 Analysis Method: 8260B Date Collected: 08/13/2012 10:50
 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

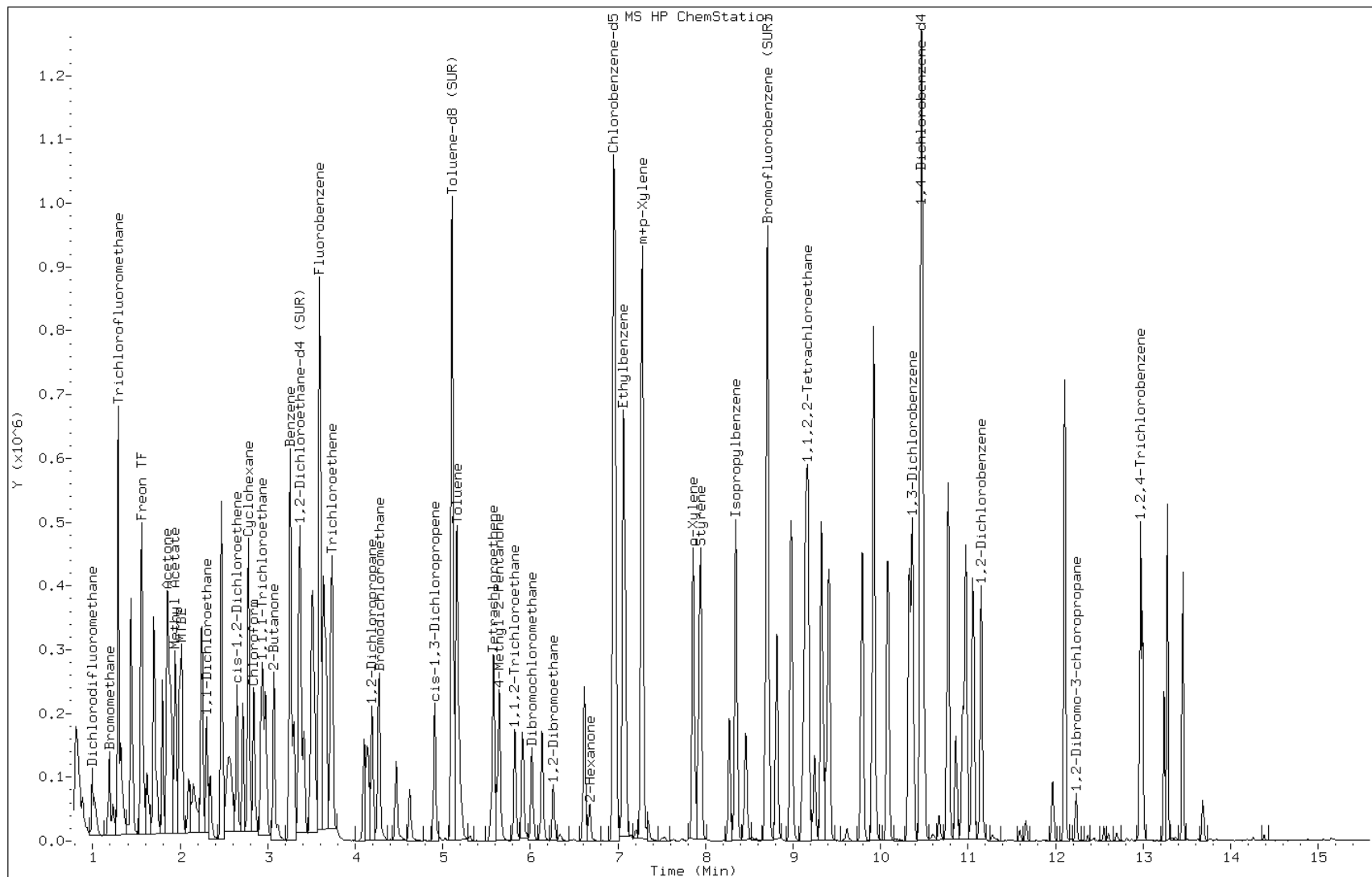
Date: 14-AUG-2012 13:11

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.: 460-43461-1

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.: 460-43461-1

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)
460-43461-6	TB-17338-081312-337	08/14/2012 08:55	1	e06733.d	Rtx-VMS 0.18 (mm)
460-43461-5	TB-17338-081312-336	08/14/2012 09:18	1	e06734.d	Rtx-VMS 0.18 (mm)
460-43461-1	WG-17338-081312-VAS8-MM-332	08/14/2012 09:41	1	e06735.d	Rtx-VMS 0.18 (mm)
460-43461-2	WG-17338-081312-VAS8-MM-333	08/14/2012 10:05	1	e06736.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 11:15	1		Rtx-VMS 0.18 (mm)
460-43461-3	WG-17338-081312-VAS8-MM-334	08/14/2012 12:02	1	e06741.d	Rtx-VMS 0.18 (mm)
460-43461-4	WG-17338-081312-VAS8-MM-335	08/14/2012 12:25	1	e06742.d	Rtx-VMS 0.18 (mm)
460-43461-4 MS	WG-17338-081312-VAS8-MM-335 MS	08/14/2012 12:48	10	e06743.d	Rtx-VMS 0.18 (mm)
460-43461-4 MSD	WG-17338-081312-VAS8-MM-335 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)

Instrument ID: VOAMS5.i
Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b

Date Generated: 07/31/2012
Page 1

121792

Date	Data	ALS	Sample ID	Client ID	IV/ IW	FV	DIL Fac	Sublist	PH	STD LOT	COMMENTS
07/30/12 0347	e05997.d	2	BFB		0	0	1	all		8260 HIGH	
07/30/12 0434	e05999.d	2	ICIS-VMCAL3		5	0	1	HSDEL		8260 IS SURR 500: 1560361	
07/30/12 0631	e06003.d	6	IC-VMCAL4		5	0	1	HSDEL		SURR 250: ALS 500: 1560362 MIX 1500: 1685504 MIX 1500: 1606882 MIX 2500: 1606851	
07/30/12 0655	e06004.d	7	IC-VMCAL5		5	0	1	HSDEL		1606852	
07/30/12 0718	e06005.d	8	IC-VMCAL6		5	0	1	HSDEL		1606852	
07/30/12 0852	e06009.d	12	IC-VMCAL2		5	0	1	HSDEL		1606885 AC/IC: GAS SP: 1483505 2500 SP: 1606850 MIX 3 SP: 1606853	
07/30/12 0939	e06010.d	14	IC-VMCAL1		5	0	1	HSDEL		1606853	

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

110411
1606889
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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				
08/14/12	0535 e06727.d	1	CCVIS		5	0	1				
08/14/12	0657 e06728.d	2	LCS		5	0	1				
08/14/12	0720 e06729.d	3	LCSD		5	0	1				
08/14/12	0743 e06730.d	4	MB		5	0	1				
08/14/12	0807 e06731.d	5	MB		5	0	1				
08/14/12	0830 e06732.d	6	MB		5	0	1				
08/14/12	0855 e06733.d	7	460-43461-A-6		5	0	1				
08/14/12	0918 e06734.d	8	460-43461-A-5		5	0	1				
08/14/12	0941 e06735.d	9	460-43461-A-1		5	0	1				
08/14/12	1005 e06736.d	10	460-43461-B-2		5	0	1				
08/14/12	1028 e06737.d	11	460-43461-B-3		5	0	5				
08/14/12	1051 e06738.d	12	460-43461-B-4		5	0	5				
08/14/12	1115 e06739.d	13	460-43415-C-3		5	0	1				

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) CHARIS BARTON		Samplers Name (Printed) M. MYLET		Site/Project Identification CM	
Company CRA		P.O. # 017338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address 200 DELAWARE AVE		Analysis Turnaround Time Standard ☐ Push Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ 3 DAY		Regulatory Program: DURE	
City BUFALO	State NY	Phone 716-856-2142		Fax 716-856-2142	
Sample Identification		Date	Time	Matrix	No. of Cont.
W6-17338-081312-VAS8-MM-335a		8/13/12	9:50	W/G	3
W6-17338-081312-VAS8-MM-333		8/13/12	10:00	W/G	3
W6-17338-081312-VAS8-MM-334		8/13/12	10:10	W/G	3
W6-17338-081312-VAS8-MM-335		8/13/12	10:55	W/G	9
TB-17338-081312-336		8/13/12		W/G	1
TB-17338-081312-337		8/13/12		W/G	1
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:		Water:	
6 = Other _____, 7 = Other _____					

Special Instructions

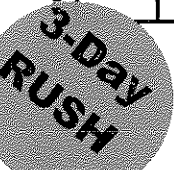
Water Metals Filtered (Yes/No)?

Relinquished by [Signature]	Company CRA	Date / Time 8/13/12 1:00	Received by [Signature]	Company TEST AMERICA
Relinquished by [Signature]	Company TEST AMERICA	Date / Time 8/13/12 6:30	Received by [Signature]	Company THAO
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (04-0)



Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43461-1

Login Number: 43461

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
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	3.7°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.	False	See NCM
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.