

ANALYTICAL REPORT

Job Number: 460-43314-1

Job Description: 17338-TO4-2012, GM Wilmington

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



Approved for release.
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8/15/2012 4:39 PM

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08/15/2012

cc: Chris Barton

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Table of Contents

Cover Title Page	1
Data Summaries	4
Report Narrative	4
Sample Summary	6
Executive Summary	7
Method Summary	11
Method / Analyst Summary	12
Sample Datasheets	13
Surrogate Summary	50
QC Data Summary	52
Data Qualifiers	82
QC Association Summary	83
Lab Chronicle	84
Organic Sample Data	88
GC/MS VOA	88
Method 8260 DEL	88
Method 8260 DEL QC Summary	89
Method 8260 DEL Sample Data	126
Standards Data	440
Method 8260 DEL ICAL Data	440
Method 8260 DEL CCAL Data	464
Raw QC Data	504
Method 8260 DEL Tune Data	504
Method 8260 DEL Blank Data	524
Method 8260 DEL LCS/LCSD Data	544
Method 8260 DEL MS/MSD Data	569

Table of Contents

Method 8260 DEL Run Logs	599
Method 8260 DEL Prep Data	604
Shipping and Receiving Documents	612
Client Chain of Custody	613
Sample Receipt Checklist	614

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 17338-TO4-2012, GM Wilmington

Report Number: 460-43314-1

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

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

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

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

RECEIPT

The samples were received on 08/08/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.1 C.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-43314-1 through 460-43314-9 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/10/2012, 08/11/2012, 08/13/2012 and 08/14/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of several analytes were outside control limits in batch 123484. Toluene was present in the original sample at a high concentration relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

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

The matrix spike / matrix spike duplicate (MS/MSD) recoveries of several analytes were outside control limits in batch 123597. Toluene and total Xylenes were present in the original sample at high concentrations relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The following samples were diluted to bring the concentration of target analytes within the calibration range:

WG-17338-080812-VAS1-MM204 (460-43314-1), WG-17338-080812-VAS1-MM205 (460-43314-2), WG-17338-080812-VAS1-MM206 (460-43314-3), WG-17338-080812-VAS1-MM207 (460-43314-4), WG-17338-080812-VAS3-MM208 (460-43314-5), WG-17338-080812-VAS3-MM209 (460-43314-6), WG-17338-080812-VAS3-MM210 (460-43314-7), WG-17338-080812-VAS3-MM211 (460-43314-8). Elevated reporting limits (RLs) are provided.

Sample 43314-8 was analyzed multiple times using all three vials. Vials A and B showed similar concentrations, while the results from vial C were lower. Vial C was re-analyzed with concurring results. It was noted on the COC that this sample had a visible sheen on it. The results from vial B and vial C are both reported.

Refer to the QC report for details.

Samples 460-43314-1(5X), 460-43314-2(2X), 460-43314-3(5X), 460-43314-4(5X), 460-43314-5(10X), 460-43314-5(2X), 460-43314-6(10X), 460-43314-7(20X), 460-43314-7(5X), 460-43314-8(20X) and 460-43314-8(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-43314-1	WG-17338-080812-VAS1-MM20 4	Water	08/08/2012 1005	08/08/2012 1905
460-43314-2	WG-17338-080812-VAS1-MM20 5	Water	08/08/2012 1015	08/08/2012 1905
460-43314-3	WG-17338-080812-VAS1-MM20 6	Water	08/08/2012 1130	08/08/2012 1905
460-43314-4	WG-17338-080812-VAS1-MM20 7	Water	08/08/2012 1145	08/08/2012 1905
460-43314-5	WG-17338-080812-VAS3-MM20 8	Water	08/08/2012 1330	08/08/2012 1905
460-43314-6	WG-17338-080812-VAS3-MM20 9	Water	08/08/2012 1340	08/08/2012 1905
460-43314-7	WG-17338-080812-VAS3-MM21 0	Water	08/08/2012 1400	08/08/2012 1905
460-43314-8	WG-17338-080812-VAS3-MM21 1	Water	08/08/2012 1500	08/08/2012 1905
460-43314-9TB	TB-17338-212	Water	08/08/2012 0000	08/08/2012 1905

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43314-1	WG-17338-080812-VAS1-MM204					
1,2-Dichlorobenzene		3.7		1.0	ug/L	8260B
Carbon disulfide		0.47	J	1.0	ug/L	8260B
2-Butanone (MEK)		8.8		5.0	ug/L	8260B
Ethylbenzene		370	D	5.0	ug/L	8260B
Cyclohexane		210		1.0	ug/L	8260B
Benzene		25		1.0	ug/L	8260B
Methylcyclohexane		120		1.0	ug/L	8260B
Toluene		420		1.0	ug/L	8260B
Chlorobenzene		0.22	J	1.0	ug/L	8260B
Xylenes, Total		690		3.0	ug/L	8260B
Styrene		12		1.0	ug/L	8260B
Isopropylbenzene		37		1.0	ug/L	8260B
1,3-Dichlorobenzene		0.65	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		1.1		1.0	ug/L	8260B
460-43314-2	WG-17338-080812-VAS1-MM205					
1,2-Dichlorobenzene		4.6		1.0	ug/L	8260B
Acetone		110		5.0	ug/L	8260B
2-Butanone (MEK)		31		5.0	ug/L	8260B
Ethylbenzene		450	D	2.0	ug/L	8260B
Cyclohexane		94		1.0	ug/L	8260B
Benzene		400	D	2.0	ug/L	8260B
Methylcyclohexane		61		1.0	ug/L	8260B
Toluene		480	D	2.0	ug/L	8260B
2-Hexanone		1.4	J	5.0	ug/L	8260B
Chlorobenzene		0.44	J	1.0	ug/L	8260B
Xylenes, Total		810		3.0	ug/L	8260B
Styrene		13		1.0	ug/L	8260B
Isopropylbenzene		36		1.0	ug/L	8260B
1,3-Dichlorobenzene		0.60	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		1.2		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43314-3	WG-17338-080812-VAS1-MM206					
1,2-Dichlorobenzene		2.0		1.0	ug/L	8260B
Acetone		58		5.0	ug/L	8260B
Carbon disulfide		0.77	J	1.0	ug/L	8260B
2-Butanone (MEK)		15		5.0	ug/L	8260B
Ethylbenzene		420	D	5.0	ug/L	8260B
Cyclohexane		54		1.0	ug/L	8260B
Benzene		210		1.0	ug/L	8260B
Methylcyclohexane		34		1.0	ug/L	8260B
Toluene		620	D	5.0	ug/L	8260B
Chlorobenzene		0.16	J	1.0	ug/L	8260B
Xylenes, Total		650		3.0	ug/L	8260B
Styrene		13		1.0	ug/L	8260B
Isopropylbenzene		23		1.0	ug/L	8260B
1,3-Dichlorobenzene		0.29	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		0.57	J	1.0	ug/L	8260B
460-43314-4	WG-17338-080812-VAS1-MM207					
1,2-Dichlorobenzene		3.7		1.0	ug/L	8260B
Acetone		280		5.0	ug/L	8260B
Carbon disulfide		0.65	J	1.0	ug/L	8260B
2-Butanone (MEK)		61		5.0	ug/L	8260B
Ethylbenzene		760	D	5.0	ug/L	8260B
Cyclohexane		190		1.0	ug/L	8260B
Benzene		390		1.0	ug/L	8260B
Methylcyclohexane		80		1.0	ug/L	8260B
Toluene		1900	D	5.0	ug/L	8260B
2-Hexanone		2.2	J	5.0	ug/L	8260B
Chlorobenzene		0.24	J	1.0	ug/L	8260B
Xylenes, Total		1200	D	15	ug/L	8260B
Styrene		29		1.0	ug/L	8260B
Isopropylbenzene		46		1.0	ug/L	8260B
1,3-Dichlorobenzene		0.64	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		1.2		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43314-5	WG-17338-080812-VAS3-MM208					
2-Butanone (MEK)		32		10	ug/L	8260B
Ethylbenzene		1400	D	10	ug/L	8260B
Cyclohexane		290		2.0	ug/L	8260B
Benzene		130		2.0	ug/L	8260B
Methylcyclohexane		140		2.0	ug/L	8260B
Toluene		2000	D	10	ug/L	8260B
Xylenes, Total		6400	D	30	ug/L	8260B
Styrene		17		2.0	ug/L	8260B
Isopropylbenzene		46		2.0	ug/L	8260B
460-43314-6	WG-17338-080812-VAS3-MM209					
Carbon disulfide		0.41	J	1.0	ug/L	8260B
2-Butanone (MEK)		25		5.0	ug/L	8260B
Ethylbenzene		780	D	10	ug/L	8260B
Cyclohexane		120		1.0	ug/L	8260B
Benzene		83		1.0	ug/L	8260B
Methylcyclohexane		51		1.0	ug/L	8260B
4-Methyl-2-pentanone (MIBK)		1.8	J	5.0	ug/L	8260B
Toluene		980	D	10	ug/L	8260B
2-Hexanone		2.8	J	5.0	ug/L	8260B
Xylenes, Total		3500	D	30	ug/L	8260B
Styrene		12		1.0	ug/L	8260B
Isopropylbenzene		38		1.0	ug/L	8260B
460-43314-7	WG-17338-080812-VAS3-MM210					
2-Butanone (MEK)		43		25	ug/L	8260B
Ethylbenzene		2400	D	20	ug/L	8260B
Cyclohexane		630		5.0	ug/L	8260B
Benzene		220		5.0	ug/L	8260B
Methylcyclohexane		340		5.0	ug/L	8260B
Toluene		6100	D	20	ug/L	8260B
Xylenes, Total		11000	D	60	ug/L	8260B
Styrene		72		5.0	ug/L	8260B
Isopropylbenzene		130		5.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-43314-8	WG-17338-080812-VAS3-MM211					
Methyl tert-butyl ether		1.6	J	5.0	ug/L	8260B
2-Butanone (MEK)		51		25	ug/L	8260B
Ethylbenzene		2800	E	5.0	ug/L	8260B
Cyclohexane		700		5.0	ug/L	8260B
Benzene		750		5.0	ug/L	8260B
Methylcyclohexane		360		5.0	ug/L	8260B
Toluene		5600	E	5.0	ug/L	8260B
Xylenes, Total		13000		15	ug/L	8260B
Styrene		49		5.0	ug/L	8260B
Isopropylbenzene		110		5.0	ug/L	8260B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

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: 460-43314-1

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM204

Lab Sample ID: 460-43314-1

Date Sampled: 08/08/2012 1005

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06601.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0546			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0546				

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	3.7		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	0.47	J	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	8.8		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	540	E	0.10	1.0
Cyclohexane	210		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	25		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	120		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	420		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	0.22	J	0.11	1.0
Xylenes, Total	690		0.36	3.0
Styrene	12		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	37		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.65	J	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM204

Lab Sample ID: 460-43314-1

Date Sampled: 08/08/2012 1005

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06601.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0546			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0546				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.1		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)	95		70 - 130
4-Bromofluorobenzene	92		70 - 130
Toluene-d8 (Surr)	90		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM204

Lab Sample ID: 460-43314-1

Date Sampled: 08/08/2012 1005

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06601.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0546			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0546				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
109-66-0	C5H12 Alkane	1.21	180	J
	Pentane	1.31	140	J N
	C5H10 Alkene	1.46	140	J
	C6H14 Alkane	1.74	200	J
	C6H12 Cycloalkane	2.36	140	J
	Ethylmethylbenzene isomer	9.17	220	J
	Trimethylbenzene isomer	9.33	110	J
	Trimethylbenzene isomer-1	9.94	310	J
496-11-7	Trimethylbenzene isomer-2	10.61	170	J
	Indane	10.78	160	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM204

Lab Sample ID: 460-43314-1

Date Sampled: 08/08/2012 1005

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06568.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 1530	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	370	D	0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	D	70 - 130
4-Bromofluorobenzene	98	D	70 - 130
Toluene-d8 (Surr)	98	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM205

Lab Sample ID: 460-43314-2

Date Sampled: 08/08/2012 1015

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06690.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1255			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1255				

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	4.6		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	110		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)	31		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	570	E	0.10	1.0
Cyclohexane	94		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	530	E	0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	61		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	630	E	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	1.4	J	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.44	J	0.11	1.0
Xylenes, Total	810		0.36	3.0
Styrene	13		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	36		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.60	J	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM205

Lab Sample ID: 460-43314-2

Date Sampled: 08/08/2012 1015

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06690.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1255			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1255				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.2		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	96		70 - 130	
Toluene-d8 (Surr)	96		70 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM205

Lab Sample ID: 460-43314-2

Date Sampled: 08/08/2012 1015

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06690.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1255			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1255				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
287-92-3	Cyclopentane	1.74	75	J N
103-65-1	Benzene, propyl-	8.98	59	J N
	Ethylmethylbenzene isomer	9.16	170	J
	Trimethylbenzene isomer	9.33	84	J
	Ethylmethylbenzene isomer-1	9.62	90	J
	Trimethylbenzene isomer-1	9.93	240	J
	Trimethylbenzene isomer-2	10.61	160	J
496-11-7	Indane	10.78	150	J N
	Ethyl dimethylbenzene isomer	11.59	59	J
91-20-3	Naphthalene	13.28	110	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM205

Lab Sample ID: 460-43314-2

Date Sampled: 08/08/2012 1015

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06569.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 1554	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 1554				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	450	D	0.20	2.0
Benzene	400	D	0.16	2.0
Toluene	480	D	0.30	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	D	70 - 130
4-Bromofluorobenzene	99	D	70 - 130
Toluene-d8 (Surr)	98	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM206

Lab Sample ID: 460-43314-3

Date Sampled: 08/08/2012 1130

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06720.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0240			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0240				

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	2.0		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	58		2.7	5.0
Carbon disulfide	0.77	J	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	15		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	510	E	0.10	1.0
Cyclohexane	54		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	210		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	34		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	780	E	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	0.16	J	0.11	1.0
Xylenes, Total	650		0.36	3.0
Styrene	13		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	23		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.29	J	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM206

Lab Sample ID: 460-43314-3

Date Sampled: 08/08/2012 1130

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06720.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0240			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.57	J	0.23	1.0
1,2,4-Trichlorobenzene	0.34	U	0.34	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene	97		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM206

Lab Sample ID: 460-43314-3

Date Sampled: 08/08/2012 1130

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06720.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0240			Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0240				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
103-65-1	Benzene, propyl-	8.98	43	J N
	Ethylmethylbenzene isomer	9.17	82	J
	Trimethylbenzene isomer	9.33	43	J
	Ethylmethylbenzene isomer-1	9.62	47	J
	Trimethylbenzene isomer-1	9.92	110	J
	Trimethylbenzene isomer-2	10.61	120	J
496-11-7	Indane	10.78	110	J N
	Ethyl dimethylbenzene isomer	11.59	46	J
	2,3-dihydro-methyl-1H-Indene isomer	12.56	45	J
91-20-3	Naphthalene	13.28	67	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM206

Lab Sample ID: 460-43314-3

Date Sampled: 08/08/2012 1130

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06591.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0153	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0153				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	420	D	0.50	5.0
Toluene	620	D	0.75	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	D	70 - 130
4-Bromofluorobenzene	95	D	70 - 130
Toluene-d8 (Surr)	97	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM207

Lab Sample ID: 460-43314-4

Date Sampled: 08/08/2012 1145

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06691.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1318			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1318				

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	3.7		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	280		2.7	5.0
Carbon disulfide	0.65	J	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	61		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	1000	E	0.10	1.0
Cyclohexane	190		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	390		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	80		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	1900	E	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	2.2	J	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.24	J	0.11	1.0
Xylenes, Total	1600	E	0.36	3.0
Styrene	29		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	46		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.64	J	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM207

Lab Sample ID: 460-43314-4

Date Sampled: 08/08/2012 1145

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06691.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1318			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1318				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.2		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)	101		70 - 130	
4-Bromofluorobenzene	99		70 - 130	
Toluene-d8 (Surr)	97		70 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM207

Lab Sample ID: 460-43314-4

Date Sampled: 08/08/2012 1145

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06691.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1318			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1318				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
106-97-8	Butane	1.00	140	J N
	C5H12 Alkane	1.21	150	J
109-66-0	Pentane	1.31	120	J N
	C5H10 Alkene	1.46	160	J
287-92-3	Cyclopentane	1.74	160	J N
	Ethylmethylbenzene isomer	9.17	140	J
	Trimethylbenzene isomer	9.93	160	J
	Trimethylbenzene isomer-1	10.61	210	J
496-11-7	Indane	10.78	200	J N
91-20-3	Naphthalene	13.28	140	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS1-MM207

Lab Sample ID: 460-43314-4

Date Sampled: 08/08/2012 1145

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06719.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/14/2012 0217	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/14/2012 0217				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	760	D	0.50	5.0
Toluene	1900	D	0.75	5.0
Xylenes, Total	1200	D	1.8	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	D	70 - 130
4-Bromofluorobenzene	99	D	70 - 130
Toluene-d8 (Surr)	103	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM208

Lab Sample ID: 460-43314-5

Date Sampled: 08/08/2012 1330

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06693.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1405			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.12	U	0.12	2.0
Dichlorodifluoromethane	0.44	U	0.44	2.0
Chloromethane	0.20	U	0.20	2.0
Vinyl chloride	0.28	U	0.28	2.0
Bromomethane	0.36	U	0.36	2.0
1,2-Dibromo-3-Chloropropane	0.80	U	0.80	2.0
1,2-Dichlorobenzene	0.42	U	0.42	2.0
Trichlorofluoromethane	0.30	U	0.30	2.0
1,1-Dichloroethene	0.18	U	0.18	2.0
1,2-Dichloropropane	0.18	U	0.18	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.16	U	0.16	2.0
Acetone	5.4	U	5.4	10
Carbon disulfide	0.26	U	0.26	2.0
Methyl acetate	0.68	U	0.68	4.0
Methylene Chloride	0.36	U	0.36	2.0
trans-1,2-Dichloroethene	0.26	U	0.26	2.0
Chlorodibromomethane	0.40	U	0.40	2.0
Methyl tert-butyl ether	0.28	U	0.28	2.0
Chloroethane	0.34	U	0.34	2.0
1,1-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	0.36	U	0.36	2.0
2-Butanone (MEK)	32		4.6	10
Chloroform	0.16	U	0.16	2.0
Ethylbenzene	1100	E	0.20	2.0
Cyclohexane	290		0.32	2.0
Carbon tetrachloride	0.12	U	0.12	2.0
Benzene	130		0.16	2.0
1,2-Dichloroethane	0.38	U	0.38	2.0
Trichloroethene	0.18	U	0.18	2.0
Methylcyclohexane	140		0.28	2.0
Dichlorobromomethane	0.24	U	0.24	2.0
cis-1,3-Dichloropropene	0.36	U	0.36	2.0
4-Methyl-2-pentanone (MIBK)	2.0	U	2.0	10
Toluene	1800	E	0.30	2.0
trans-1,3-Dichloropropene	0.48	U	0.48	2.0
1,1,2-Trichloroethane	0.38	U	0.38	2.0
Tetrachloroethene	0.20	U	0.20	2.0
2-Hexanone	1.0	U	1.0	10
1,2-Dibromoethane	0.56	U	0.56	2.0
Chlorobenzene	0.22	U	0.22	2.0
Xylenes, Total	5300	E	0.72	6.0
Styrene	17		0.24	2.0
Bromoform	0.38	U	0.38	2.0
Isopropylbenzene	46		0.16	2.0
1,1,2,2-Tetrachloroethane	0.32	U	0.32	2.0
1,3-Dichlorobenzene	0.28	U	0.28	2.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM208

Lab Sample ID: 460-43314-5

Date Sampled: 08/08/2012 1330

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06693.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1405			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.46	U	0.46	2.0
1,2,4-Trichlorobenzene	0.68	U	0.68	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene	96		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM208

Lab Sample ID: 460-43314-5

Date Sampled: 08/08/2012 1330

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06693.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1405			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1405				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
109-66-0	C5H12 Alkane	1.21	490	J
	Pentane	1.31	380	J N
	C5H10 Alkene	1.45	240	J
	C6H14 Alkane	1.74	450	J
	C6H12 Cycloalkane	2.36	240	J
	Ethylmethylbenzene isomer	9.17	660	J
	Trimethylbenzene isomer	9.33	250	J
	Trimethylbenzene isomer-1	9.94	920	J
496-11-7	Trimethylbenzene isomer-2	10.61	270	J
	Indane	10.78	260	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM208

Lab Sample ID: 460-43314-5

Date Sampled: 08/08/2012 1330

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06572.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 1704	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 1704				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	1400	D	1.0	10
Toluene	2000	D	1.5	10
Xylenes, Total	6400	D	3.6	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	D	70 - 130
4-Bromofluorobenzene	97	D	70 - 130
Toluene-d8 (Surr)	98	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM209

Lab Sample ID: 460-43314-6

Date Sampled: 08/08/2012 1340

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06696.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1514			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1514				

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	0.41	J	0.13	1.0
Methyl acetate	0.34	U	0.34	2.0
Methylene Chloride	0.18	U	0.18	1.0
trans-1,2-Dichloroethene	0.13	U	0.13	1.0
Chlorodibromomethane	0.20	U	0.20	1.0
Methyl tert-butyl ether	0.14	U	0.14	1.0
Chloroethane	0.17	U	0.17	1.0
1,1-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	U	0.18	1.0
2-Butanone (MEK)	25		2.3	5.0
Chloroform	0.080	U	0.080	1.0
Ethylbenzene	790	E	0.10	1.0
Cyclohexane	120		0.16	1.0
Carbon tetrachloride	0.060	U	0.060	1.0
Benzene	83		0.080	1.0
1,2-Dichloroethane	0.19	U	0.19	1.0
Trichloroethene	0.090	U	0.090	1.0
Methylcyclohexane	51		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)	1.8	J	0.99	5.0
Toluene	1000	E	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	2.8	J	0.50	5.0
1,2-Dibromoethane	0.28	U	0.28	1.0
Chlorobenzene	0.11	U	0.11	1.0
Xylenes, Total	3500	E	0.36	3.0
Styrene	12		0.12	1.0
Bromoform	0.19	U	0.19	1.0
Isopropylbenzene	38		0.080	1.0
1,1,2,2-Tetrachloroethane	0.16	U	0.16	1.0
1,3-Dichlorobenzene	0.14	U	0.14	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM209

Lab Sample ID: 460-43314-6

Date Sampled: 08/08/2012 1340

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06696.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1514			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1514				

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)	112		70 - 130
4-Bromofluorobenzene	107		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM209

Lab Sample ID: 460-43314-6

Date Sampled: 08/08/2012 1340

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06696.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1514			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1514				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C5H12 Alkane	1.21	96	J
	Unknown	1.74	130	J
103-65-1	Benzene, propyl-	8.98	95	J N
	Ethylmethylbenzene isomer	9.18	610	J
	Trimethylbenzene isomer	9.34	230	J
	Ethylmethylbenzene isomer-1	9.63	180	J
	Trimethylbenzene isomer-1	9.95	840	J
	Trimethylbenzene isomer-2	10.62	240	J
496-11-7	Indane	10.79	220	J N
91-20-3	Naphthalene	13.28	120	J N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM209

Lab Sample ID: 460-43314-6

Date Sampled: 08/08/2012 1340

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06573.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 1727	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 1727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	780	D	1.0	10
Toluene	980	D	1.5	10
Xylenes, Total	3500	D	3.6	30

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM210

Lab Sample ID: 460-43314-7

Date Sampled: 08/08/2012 1400

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06695.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.30	U	0.30	5.0
Dichlorodifluoromethane	1.1	U	1.1	5.0
Chloromethane	0.50	U	0.50	5.0
Vinyl chloride	0.70	U	0.70	5.0
Bromomethane	0.90	U	0.90	5.0
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	5.0
1,2-Dichlorobenzene	1.1	U	1.1	5.0
Trichlorofluoromethane	0.75	U	0.75	5.0
1,1-Dichloroethene	0.45	U	0.45	5.0
1,2-Dichloropropane	0.45	U	0.45	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	0.40	5.0
Acetone	13	U	13	25
Carbon disulfide	0.65	U	0.65	5.0
Methyl acetate	1.7	U	1.7	10
Methylene Chloride	0.90	U	0.90	5.0
trans-1,2-Dichloroethene	0.65	U	0.65	5.0
Chlorodibromomethane	1.0	U	1.0	5.0
Methyl tert-butyl ether	0.70	U	0.70	5.0
Chloroethane	0.85	U	0.85	5.0
1,1-Dichloroethane	0.65	U	0.65	5.0
cis-1,2-Dichloroethene	0.90	U	0.90	5.0
2-Butanone (MEK)	43		12	25
Chloroform	0.40	U	0.40	5.0
Ethylbenzene	3800	E	0.50	5.0
Cyclohexane	630		0.80	5.0
Carbon tetrachloride	0.30	U	0.30	5.0
Benzene	220		0.40	5.0
1,2-Dichloroethane	0.95	U	0.95	5.0
Trichloroethene	0.45	U	0.45	5.0
Methylcyclohexane	340		0.70	5.0
Dichlorobromomethane	0.60	U	0.60	5.0
cis-1,3-Dichloropropene	0.90	U	0.90	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	25
Toluene	7600	E	0.75	5.0
trans-1,3-Dichloropropene	1.2	U	1.2	5.0
1,1,2-Trichloroethane	0.95	U	0.95	5.0
Tetrachloroethene	0.50	U	0.50	5.0
2-Hexanone	2.5	U	2.5	25
1,2-Dibromoethane	1.4	U	1.4	5.0
Chlorobenzene	0.55	U	0.55	5.0
Xylenes, Total	19000	E	1.8	15
Styrene	72		0.60	5.0
Bromoform	0.95	U	0.95	5.0
Isopropylbenzene	130		0.40	5.0
1,1,2,2-Tetrachloroethane	0.80	U	0.80	5.0
1,3-Dichlorobenzene	0.70	U	0.70	5.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM210

Lab Sample ID: 460-43314-7

Date Sampled: 08/08/2012 1400

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06695.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.2	U	1.2	5.0
1,2,4-Trichlorobenzene	1.7	U	1.7	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene	104		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM210

Lab Sample ID: 460-43314-7

Date Sampled: 08/08/2012 1400

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06695.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1451			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1451				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
106-97-8	Butane	1.00	650	J N
	C5H12 Alkane	1.21	1200	J
109-66-0	Pentane	1.31	1100	J N
	C5H10 Alkene	1.46	870	J
	C6H14 Alkane	1.74	710	J
	Ethylmethylbenzene isomer	9.17	2200	J
	Trimethylbenzene isomer	9.34	820	J
	Trimethylbenzene isomer-1	9.95	3000	J
	Trimethylbenzene isomer-2	10.61	860	J
		10.78	790	J N
496-11-7	Indane			

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM210

Lab Sample ID: 460-43314-7

Date Sampled: 08/08/2012 1400

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06574.d
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 1751	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 1751				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	2400	D	2.0	20
Toluene	6100	D	3.0	20
Xylenes, Total	11000	D	7.2	60

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	D	70 - 130
4-Bromofluorobenzene	99	D	70 - 130
Toluene-d8 (Surr)	98	D	70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06697.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1538			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1538				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	0.30	U	0.30	5.0
Dichlorodifluoromethane	1.1	U	1.1	5.0
Chloromethane	0.50	U	0.50	5.0
Vinyl chloride	0.70	U	0.70	5.0
Bromomethane	0.90	U	0.90	5.0
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	5.0
1,2-Dichlorobenzene	1.1	U	1.1	5.0
Trichlorofluoromethane	0.75	U	0.75	5.0
1,1-Dichloroethene	0.45	U	0.45	5.0
1,2-Dichloropropane	0.45	U	0.45	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	0.40	5.0
Acetone	13	U	13	25
Carbon disulfide	0.65	U	0.65	5.0
Methyl acetate	1.7	U	1.7	10
Methylene Chloride	0.90	U	0.90	5.0
trans-1,2-Dichloroethene	0.65	U	0.65	5.0
Chlorodibromomethane	1.0	U	1.0	5.0
Methyl tert-butyl ether	1.6	J	0.70	5.0
Chloroethane	0.85	U	0.85	5.0
1,1-Dichloroethane	0.65	U	0.65	5.0
cis-1,2-Dichloroethene	0.90	U	0.90	5.0
2-Butanone (MEK)	51		12	25
Chloroform	0.40	U	0.40	5.0
Ethylbenzene	2800	E	0.50	5.0
Cyclohexane	700		0.80	5.0
Carbon tetrachloride	0.30	U	0.30	5.0
Benzene	750		0.40	5.0
1,2-Dichloroethane	0.95	U	0.95	5.0
Trichloroethene	0.45	U	0.45	5.0
Methylcyclohexane	360		0.70	5.0
Dichlorobromomethane	0.60	U	0.60	5.0
cis-1,3-Dichloropropene	0.90	U	0.90	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	25
Toluene	5600	E	0.75	5.0
trans-1,3-Dichloropropene	1.2	U	1.2	5.0
1,1,2-Trichloroethane	0.95	U	0.95	5.0
Tetrachloroethene	0.50	U	0.50	5.0
2-Hexanone	2.5	U	2.5	25
1,2-Dibromoethane	1.4	U	1.4	5.0
Chlorobenzene	0.55	U	0.55	5.0
Xylenes, Total	13000		1.8	15
Styrene	49		0.60	5.0
Bromoform	0.95	U	0.95	5.0
Isopropylbenzene	110		0.40	5.0
1,1,2,2-Tetrachloroethane	0.80	U	0.80	5.0
1,3-Dichlorobenzene	0.70	U	0.70	5.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06697.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1538			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1538				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.2	U	1.2	5.0
1,2,4-Trichlorobenzene	1.7	U	1.7	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene	104		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123702	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06697.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1538			Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1538				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
106-97-8	Butane	1.00	770	J N
	C5H12 Alkane	1.21	1500	J
109-66-0	Pentane	1.31	1300	J N
	C5H10 Alkene	1.37	700	J
	C5H10 Alkene-1	1.46	790	J
	C6H14 Alkane	1.74	1100	J
	Ethylmethylbenzene isomer	9.17	1800	J
	Trimethylbenzene isomer	9.34	680	J
	Trimethylbenzene isomer-1	9.94	2500	J
	Trimethylbenzene isomer-2	10.61	740	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06592.d
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0217	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0217				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.2	U	1.2	20
Dichlorodifluoromethane	4.4	U	4.4	20
Chloromethane	2.0	U	2.0	20
Vinyl chloride	2.8	U	2.8	20
Bromomethane	3.6	U	3.6	20
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	20
1,2-Dichlorobenzene	4.2	U	4.2	20
Trichlorofluoromethane	3.0	U	3.0	20
1,1-Dichloroethene	1.8	U	1.8	20
1,2-Dichloropropane	1.8	U	1.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	1.6	20
Acetone	54	U	54	100
Carbon disulfide	2.6	U	2.6	20
Methyl acetate	6.8	U	6.8	40
Methylene Chloride	3.6	U	3.6	20
trans-1,2-Dichloroethene	2.6	U	2.6	20
Chlorodibromomethane	4.0	U	4.0	20
Methyl tert-butyl ether	2.8	U	2.8	20
Chloroethane	3.4	U	3.4	20
1,1-Dichloroethane	2.6	U	2.6	20
cis-1,2-Dichloroethene	3.6	U	3.6	20
2-Butanone (MEK)	46	U	46	100
Chloroform	1.6	U	1.6	20
Ethylbenzene	1200	D	2.0	20
Cyclohexane	300	D	3.2	20
Carbon tetrachloride	1.2	U	1.2	20
Benzene	530	D	1.6	20
1,2-Dichloroethane	3.8	U	3.8	20
Trichloroethene	1.8	U	1.8	20
Methylcyclohexane	100	D	2.8	20
Dichlorobromomethane	2.4	U	2.4	20
cis-1,3-Dichloropropene	3.6	U	3.6	20
4-Methyl-2-pentanone (MIBK)	20	U	20	100
Toluene	3200	D	3.0	20
trans-1,3-Dichloropropene	4.8	U	4.8	20
1,1,2-Trichloroethane	3.8	U	3.8	20
Tetrachloroethene	2.0	U	2.0	20
2-Hexanone	10	U	10	100
1,2-Dibromoethane	5.6	U	5.6	20
Chlorobenzene	2.2	U	2.2	20
Xylenes, Total	5300	D	7.2	60
Styrene	22	D	2.4	20
Bromoform	3.8	U	3.8	20
Isopropylbenzene	35	D	1.6	20
1,1,2,2-Tetrachloroethane	3.2	U	3.2	20
1,3-Dichlorobenzene	2.8	U	2.8	20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06592.d
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0217	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0217				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	4.6	U	4.6	20
1,2,4-Trichlorobenzene	6.8	U	6.8	20

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: WG-17338-080812-VAS3-MM211

Lab Sample ID: 460-43314-8

Date Sampled: 08/08/2012 1500

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06592.d
Dilution:	20			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0217	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0217				

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C4H10 Alkane	0.99	600	D J
	C5H12 Alkane	1.20	1000	D J
	C5H12 Alkane-1	1.30	890	D J
	Unknown Alkene	1.36	670	D J
	Unknown Alkene-1	1.45	1200	D J
	Unknown	1.74	830	D J
	Unknown Alkene-2	2.13	450	D J
	Unknown Cycloalkane	2.22	440	D J
	Ethylmethylbenzene isomer	9.15	610	D J
	Trimethylbenzene isomer	9.92	830	D J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: TB-17338-212

Lab Sample ID: 460-43314-9TB

Date Sampled: 08/08/2012 0000

Client Matrix: Water

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06600.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0523			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0523				

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: TB-17338-212

Lab Sample ID: 460-43314-9TB

Client Matrix: Water

Date Sampled: 08/08/2012 0000

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	e06600.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0523			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0523				

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Client Sample ID: TB-17338-212

Lab Sample ID: 460-43314-9TB

Client Matrix: Water

Date Sampled: 08/08/2012 0000

Date Received: 08/08/2012 1905

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-123597

Instrument ID: VOAMS5

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: e06600.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 08/11/2012 0523

Final Weight/Volume: 5 mL

Prep Date: 08/11/2012 0523

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: 460-43314-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-43314-1 DL	WG-17338-080812-V AS1-MM204 DL	106D	98D	98D
460-43314-1	WG-17338-080812-V AS1-MM204	95	90	92
460-43314-2 DL	WG-17338-080812-V AS1-MM205 DL	108D	98D	99D
460-43314-2	WG-17338-080812-V AS1-MM205	103	96	96
460-43314-3 DL	WG-17338-080812-V AS1-MM206 DL	96D	97D	95D
460-43314-3	WG-17338-080812-V AS1-MM206	108	100	97
460-43314-4	WG-17338-080812-V AS1-MM207	101	97	99
460-43314-4 DL	WG-17338-080812-V AS1-MM207 DL	108D	103D	99D
460-43314-5 DL	WG-17338-080812-V AS3-MM208 DL	109D	98D	97D
460-43314-5	WG-17338-080812-V AS3-MM208	100	95	96
460-43314-6 DL	WG-17338-080812-V AS3-MM209 DL	107D	98D	98D
460-43314-6	WG-17338-080812-V AS3-MM209	112	99	107
460-43314-7 DL	WG-17338-080812-V AS3-MM210 DL	108D	98D	99D
460-43314-7	WG-17338-080812-V AS3-MM210	102	98	104
460-43314-8 DL	WG-17338-080812-V AS3-MM211 DL	103D	99D	99D
460-43314-8	WG-17338-080812-V AS3-MM211	102	101	104
460-43314-9	TB-17338-212	103	98	98
MB 460-123484/4		107	94	97
MB 460-123597/5		102	96	97
MB 460-123702/4		104	99	100

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

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
MB 460-123852/5		103	97	100
LCS 460-123484/3		103	98	101
LCS 460-123597/3		96	98	96
LCS 460-123702/3		97	98	97
LCS 460-123852/3		95	96	97
LCSD 460-123852/4		108	102	102
460-43314-8 MS	WG-17338-080812-V AS3-MM211 MS	98	97	98
460-43270-B-1 MS		101	91	90
460-43346-C-13 MS		99	98	97
460-43314-8 MSD	WG-17338-080812-V AS3-MM211 MSD	108	99	100
460-43270-B-1 MSD		105	97	95
460-43346-C-13 MSD		101	100	100

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: 460-43314-1

Method Blank - Batch: 460-123484

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123484/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/10/2012 1007
Prep Date: 08/10/2012 1007
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06555.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: 460-43314-1

Method Blank - Batch: 460-123484

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123484/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/10/2012 1007
 Prep Date: 08/10/2012 1007
 Leach Date: N/A

Analysis Batch: 460-123484
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e06555.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)	107	70 - 130
4-Bromofluorobenzene	97	70 - 130
Toluene-d8 (Surr)	94	70 - 130

Method Blank TICs- Batch: 460-123484

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123484

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-123484/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/10/2012 0857
Prep Date: 08/10/2012 0857
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06552.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	18.8	94	74 - 128	
Dichlorodifluoromethane	20.0	18.9	95	46 - 145	
Chloromethane	20.0	19.5	97	58 - 146	
Vinyl chloride	20.0	19.4	97	61 - 144	
Bromomethane	20.0	20.1	100	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	70 - 116	
1,2-Dichlorobenzene	20.0	19.3	96	82 - 122	
Trichlorofluoromethane	20.0	20.1	100	69 - 147	
1,1-Dichloroethene	20.0	19.3	97	56 - 139	
1,2-Dichloropropane	20.0	19.4	97	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	106	47 - 139	
Acetone	20.0	24.2	121	45 - 156	
Carbon disulfide	20.0	20.3	101	58 - 139	
Methyl acetate	20.0	20.7	104	50 - 151	
Methylene Chloride	20.0	19.6	98	79 - 119	
trans-1,2-Dichloroethene	20.0	18.5	92	75 - 122	
Chlorodibromomethane	20.0	19.0	95	80 - 120	
Methyl tert-butyl ether	20.0	21.2	106	71 - 115	
Chloroethane	20.0	22.3	111	69 - 145	
1,1-Dichloroethane	20.0	18.5	92	78 - 122	
cis-1,2-Dichloroethene	20.0	18.7	93	80 - 120	
2-Butanone (MEK)	20.0	19.8	99	65 - 114	
Chloroform	20.0	18.4	92	82 - 123	
Ethylbenzene	20.0	19.3	97	79 - 126	
Cyclohexane	20.0	20.3	101	58 - 133	
Carbon tetrachloride	20.0	19.4	97	73 - 120	
Benzene	20.0	18.8	94	83 - 124	
1,2-Dichloroethane	20.0	18.0	90	74 - 118	
Trichloroethene	20.0	19.0	95	78 - 119	
Methylcyclohexane	20.0	21.9	110	61 - 129	
Dichlorobromomethane	20.0	19.0	95	79 - 119	
cis-1,3-Dichloropropene	20.0	18.6	93	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	21.0	105	53 - 120	
Toluene	20.0	19.0	95	80 - 120	
trans-1,3-Dichloropropene	20.0	18.9	95	78 - 118	
1,1,2-Trichloroethane	20.0	18.8	94	79 - 119	
Tetrachloroethene	20.0	19.3	97	68 - 139	
2-Hexanone	20.0	20.4	102	53 - 121	
1,2-Dibromoethane	20.0	18.5	93	78 - 118	
Chlorobenzene	20.0	18.9	95	81 - 121	
Xylenes, Total	60.0	57.1	95	76 - 121	
Styrene	20.0	19.0	95	69 - 112	
Bromoform	20.0	19.4	97	73 - 123	
Isopropylbenzene	20.0	19.3	97	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	74 - 126	
1,3-Dichlorobenzene	20.0	19.3	97	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123484

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-123484/3	Analysis Batch:	460-123484	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06552.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 0857	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 0857				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	101	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-123484

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-43270-B-1 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1339
Prep Date: 08/10/2012 1339
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06564.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43270-B-1 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1402
Prep Date: 08/10/2012 1402
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06565.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	89	90	74 - 128	1	30		
Dichlorodifluoromethane	95	97	46 - 145	2	30		
Chloromethane	103	105	58 - 146	2	30		
Vinyl chloride	102	102	61 - 144	1	30		
Bromomethane	101	103	55 - 153	1	30		
1,2-Dibromo-3-Chloropropane	103	105	70 - 116	2	30		
1,2-Dichlorobenzene	88	90	82 - 122	2	30		
Trichlorofluoromethane	103	100	69 - 147	2	30		
1,1-Dichloroethene	101	103	56 - 139	2	30		
1,2-Dichloropropane	94	98	80 - 120	3	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	93	98	47 - 139	5	30		
Acetone	97	105	45 - 156	5	30		
Carbon disulfide	85	92	58 - 139	8	30		
Methyl acetate	103	102	50 - 151	0	30		
Methylene Chloride	93	94	79 - 119	1	30		
trans-1,2-Dichloroethene	90	92	75 - 122	2	30		
Chlorodibromomethane	96	101	80 - 120	5	30		
Methyl tert-butyl ether	104	111	71 - 115	6	30		
Chloroethane	127	108	69 - 145	16	30		
1,1-Dichloroethane	95	96	78 - 122	1	30		
cis-1,2-Dichloroethene	89	92	80 - 120	3	30		
2-Butanone (MEK)	86	91	65 - 114	4	30		
Chloroform	93	97	82 - 123	4	30		
Ethylbenzene	117	124	79 - 126	2	30		
Cyclohexane	83	89	58 - 133	3	30		
Carbon tetrachloride	88	90	73 - 120	2	30		
Benzene	28	45	83 - 124	5	30	F	F
1,2-Dichloroethane	94	94	74 - 118	0	30		
Trichloroethene	89	91	78 - 119	3	30		
Methylcyclohexane	114	115	61 - 129	1	30		
Dichlorobromomethane	95	95	79 - 119	0	30		
cis-1,3-Dichloropropene	89	94	80 - 120	5	30		
4-Methyl-2-pentanone (MIBK)	122	126	53 - 120	3	30	F	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123484**

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

MS Lab Sample ID: 460-43270-B-1 MS
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1339
Prep Date: 08/10/2012 1339
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06564.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-43270-B-1 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1402
Prep Date: 08/10/2012 1402
Leach Date: N/A

Analysis Batch: 460-123484
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VOAMS5
Lab File ID: e06565.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	16	35	80 - 120	3	30	4	4
trans-1,3-Dichloropropene	93	98	78 - 118	5	30		
1,1,2-Trichloroethane	120	123	79 - 119	2	30	F	F
Tetrachloroethene	86	89	68 - 139	3	30		
2-Hexanone	100	107	53 - 121	7	30		
1,2-Dibromoethane	97	100	78 - 118	3	30		
Chlorobenzene	91	92	81 - 121	1	30		
Xylenes, Total	140	147	76 - 121	2	30	F	F
Styrene	87	89	69 - 112	2	30		
Bromoform	99	100	73 - 123	2	30		
Isopropylbenzene	91	93	80 - 125	2	30		
1,1,2,2-Tetrachloroethane	106	110	74 - 126	4	30		
1,3-Dichlorobenzene	86	88	81 - 126	2	30		
1,4-Dichlorobenzene	86	88	83 - 123	2	30		
1,2,4-Trichlorobenzene	81	86	66 - 120	6	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	101		105		70 - 130		
4-Bromofluorobenzene	90		95		70 - 130		
Toluene-d8 (Surr)	91		97		70 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123484**

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

MS Lab Sample ID: 460-43270-B-1 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1339
Prep Date: 08/10/2012 1339
Leach Date: N/A

MSD Lab Sample ID: 460-43270-B-1 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1402
Prep Date: 08/10/2012 1402
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	0.30	U	200	200	179	181
Dichlorodifluoromethane	1.1	U	200	200	191	194
Chloromethane	0.50	U	200	200	205	210
Vinyl chloride	0.70	U	200	200	204	205
Bromomethane	0.90	U	200	200	203	205
1,2-Dibromo-3-Chloropropane	2.0	U	200	200	206	210
1,2-Dichlorobenzene	1.1	U	200	200	176	180
Trichlorofluoromethane	0.75	U	200	200	205	200
1,1-Dichloroethene	0.45	U	200	200	203	206
1,2-Dichloropropane	0.45	U	200	200	189	195
1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	200	200	186	197
Acetone	150		200	200	343	360
Carbon disulfide	0.65	U	200	200	170	184
Methyl acetate	1.7	U	200	200	205	205
Methylene Chloride	0.90	U	200	200	186	188
trans-1,2-Dichloroethene	0.65	U	200	200	181	184
Chlorodibromomethane	1.0	U	200	200	192	203
Methyl tert-butyl ether	0.70	U	200	200	209	221
Chloroethane	0.85	U	200	200	253	217
1,1-Dichloroethane	0.65	U	200	200	191	193
cis-1,2-Dichloroethene	0.90	U	200	200	178	184
2-Butanone (MEK)	36		200	200	208	217
Chloroform	0.40	U	200	200	186	194
Ethylbenzene	360		200	200	596	609
Cyclohexane	220		200	200	382	395
Carbon tetrachloride	0.30	U	200	200	177	180
Benzene	570		200	200	624	F 659 F
1,2-Dichloroethane	0.95	U	200	200	187	187
Trichloroethene	0.45	U	200	200	177	182
Methylcyclohexane	130		200	200	355	357
Dichlorobromomethane	0.60	U	200	200	189	190
cis-1,3-Dichloropropene	0.90	U	200	200	179	188
4-Methyl-2-pentanone (MIBK)	5.0	U	200	200	243	F 251 F
Toluene	1200		200	200	1270	4 1310 4
trans-1,3-Dichloropropene	1.2	U	200	200	186	196
1,1,2-Trichloroethane	0.95	U	200	200	241	F 246 F
Tetrachloroethene	0.50	U	200	200	173	177
2-Hexanone	2.5	U	200	200	200	214
1,2-Dibromoethane	1.4	U	200	200	194	200
Chlorobenzene	0.55	U	200	200	181	183
Xylenes, Total	1700		600	600	2540	F 2580 F
Styrene	9.3		200	200	184	187
Bromoform	0.95	U	200	200	197	200

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-123484

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-43270-B-1 MS Units: ug/L
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1339
Prep Date: 08/10/2012 1339
Leach Date: N/A

MSD Lab Sample ID: 460-43270-B-1 MSD
Client Matrix: Water
Dilution: 10
Analysis Date: 08/10/2012 1402
Prep Date: 08/10/2012 1402
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	26		200	200	209	213
1,1,2,2-Tetrachloroethane	0.80	U	200	200	211	219
1,3-Dichlorobenzene	0.70	U	200	200	172	175
1,4-Dichlorobenzene	1.2	U	200	200	172	175
1,2,4-Trichlorobenzene	1.7	U	200	200	161	171

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Method Blank - Batch: 460-123597

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123597/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/10/2012 2322
Prep Date: 08/10/2012 2322
Leach Date: N/A

Analysis Batch: 460-123597
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06585.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: 460-43314-1

Method Blank - Batch: 460-123597

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123597/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/10/2012 2322
 Prep Date: 08/10/2012 2322
 Leach Date: N/A

Analysis Batch: 460-123597
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e06585.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)	102	70 - 130
4-Bromofluorobenzene	97	70 - 130
Toluene-d8 (Surr)	96	70 - 130

Method Blank TICs- Batch: 460-123597

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123597

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-123597/3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/10/2012 2128
Prep Date: 08/10/2012 2128
Leach Date: N/A

Analysis Batch: 460-123597
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06581.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	18.5	93	74 - 128	
Dichlorodifluoromethane	20.0	21.0	105	46 - 145	
Chloromethane	20.0	20.3	102	58 - 146	
Vinyl chloride	20.0	20.1	101	61 - 144	
Bromomethane	20.0	19.3	97	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	70 - 116	
1,2-Dichlorobenzene	20.0	18.7	94	82 - 122	
Trichlorofluoromethane	20.0	19.7	98	69 - 147	
1,1-Dichloroethene	20.0	18.1	91	56 - 139	
1,2-Dichloropropane	20.0	18.7	93	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.3	81	47 - 139	
Acetone	20.0	25.3	127	45 - 156	
Carbon disulfide	20.0	17.4	87	58 - 139	
Methyl acetate	20.0	18.6	93	50 - 151	
Methylene Chloride	20.0	19.0	95	79 - 119	
trans-1,2-Dichloroethene	20.0	17.7	89	75 - 122	
Chlorodibromomethane	20.0	18.5	93	80 - 120	
Methyl tert-butyl ether	20.0	18.4	92	71 - 115	
Chloroethane	20.0	24.4	122	69 - 145	
1,1-Dichloroethane	20.0	18.6	93	78 - 122	
cis-1,2-Dichloroethene	20.0	18.5	93	80 - 120	
2-Butanone (MEK)	20.0	19.0	95	65 - 114	
Chloroform	20.0	18.4	92	82 - 123	
Ethylbenzene	20.0	18.5	93	79 - 126	
Cyclohexane	20.0	16.5	83	58 - 133	
Carbon tetrachloride	20.0	18.0	90	73 - 120	
Benzene	20.0	18.1	91	83 - 124	
1,2-Dichloroethane	20.0	19.6	98	74 - 118	
Trichloroethene	20.0	18.2	91	78 - 119	
Methylcyclohexane	20.0	16.9	84	61 - 129	
Dichlorobromomethane	20.0	18.7	94	79 - 119	
cis-1,3-Dichloropropene	20.0	18.3	91	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	17.8	89	53 - 120	
Toluene	20.0	18.5	93	80 - 120	
trans-1,3-Dichloropropene	20.0	18.7	93	78 - 118	
1,1,2-Trichloroethane	20.0	18.3	91	79 - 119	
Tetrachloroethene	20.0	18.2	91	68 - 139	
2-Hexanone	20.0	17.6	88	53 - 121	
1,2-Dibromoethane	20.0	18.6	93	78 - 118	
Chlorobenzene	20.0	18.8	94	81 - 121	
Xylenes, Total	60.0	56.3	94	76 - 121	
Styrene	20.0	18.9	95	69 - 112	
Bromoform	20.0	19.0	95	73 - 123	
Isopropylbenzene	20.0	18.8	94	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	74 - 126	
1,3-Dichlorobenzene	20.0	18.4	92	81 - 126	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123597

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-123597/3	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06581.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/10/2012 2128	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/10/2012 2128				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	18.7	94	83 - 123	
1,2,4-Trichlorobenzene	20.0	18.6	93	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
4-Bromofluorobenzene	96	70 - 130
Toluene-d8 (Surr)	98	70 - 130

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123597**

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

MS Lab Sample ID:	460-43314-8	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06594.d
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0303			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0303				
Leach Date:	N/A				

MSD Lab Sample ID:	460-43314-8	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06595.d
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0327			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0327				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	91	98	74 - 128	7	30		
Dichlorodifluoromethane	125	130	46 - 145	3	30		
Chloromethane	126	127	58 - 146	1	30		
Vinyl chloride	114	115	61 - 144	0	30		
Bromomethane	112	115	55 - 153	2	30		
1,2-Dibromo-3-Chloropropane	84	92	70 - 116	9	30		
1,2-Dichlorobenzene	92	95	82 - 122	3	30		
Trichlorofluoromethane	125	121	69 - 147	3	30		
1,1-Dichloroethene	100	103	56 - 139	3	30		
1,2-Dichloropropane	93	94	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	92	94	47 - 139	3	30		
Acetone	174	175	45 - 156	0	30	F	F
Carbon disulfide	78	80	58 - 139	4	30		
Methyl acetate	84	86	50 - 151	2	30		
Methylene Chloride	100	95	79 - 119	6	30		
trans-1,2-Dichloroethene	90	93	75 - 122	3	30		
Chlorodibromomethane	93	94	80 - 120	1	30		
Methyl tert-butyl ether	93	97	71 - 115	4	30		
Chloroethane	160	147	69 - 145	8	30	F	F
1,1-Dichloroethane	100	102	78 - 122	3	30		
cis-1,2-Dichloroethene	96	99	80 - 120	4	30		
2-Butanone (MEK)	101	103	65 - 114	2	30		
Chloroform	98	102	82 - 123	4	30		
Ethylbenzene	219	238	79 - 126	4	30	F	F
Cyclohexane	124	137	58 - 133	6	30		F
Carbon tetrachloride	90	91	73 - 120	2	30		
Benzene	88	96	83 - 124	4	30		
1,2-Dichloroethane	96	97	74 - 118	1	30		
Trichloroethene	88	90	78 - 119	3	30		
Methylcyclohexane	115	122	61 - 129	5	30		
Dichlorobromomethane	96	99	79 - 119	3	30		
cis-1,3-Dichloropropene	91	93	80 - 120	3	30		
4-Methyl-2-pentanone (MIBK)	95	97	53 - 120	3	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123597**

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

MS Lab Sample ID:	460-43314-8	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06594.d
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0303			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0303				
Leach Date:	N/A				

MSD Lab Sample ID:	460-43314-8	Analysis Batch:	460-123597	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06595.d
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/11/2012 0327			Final Weight/Volume:	5 mL
Prep Date:	08/11/2012 0327				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	190	213	80 - 120	2	30	4	4
trans-1,3-Dichloropropene	92	95	78 - 118	4	30		
1,1,2-Trichloroethane	100	103	79 - 119	3	30		
Tetrachloroethene	89	91	68 - 139	3	30		
2-Hexanone	80	81	53 - 121	1	30		
1,2-Dibromoethane	92	95	78 - 118	3	30		
Chlorobenzene	93	96	81 - 121	3	30		
Xylenes, Total	300	324	76 - 121	3	30	4	4
Styrene	95	96	69 - 112	2	30		
Bromoform	92	93	73 - 123	1	30		
Isopropylbenzene	97	100	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	95	97	74 - 126	1	30		
1,3-Dichlorobenzene	92	94	81 - 126	2	30		
1,4-Dichlorobenzene	92	95	83 - 123	4	30		
1,2,4-Trichlorobenzene	82	89	66 - 120	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	98		108	70 - 130			
4-Bromofluorobenzene	98		100	70 - 130			
Toluene-d8 (Surr)	97		99	70 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123597**

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

MS Lab Sample ID: 460-43314-8 Units: ug/L
Client Matrix: Water
Dilution: 20
Analysis Date: 08/11/2012 0303
Prep Date: 08/11/2012 0303
Leach Date: N/A

MSD Lab Sample ID: 460-43314-8
Client Matrix: Water
Dilution: 20
Analysis Date: 08/11/2012 0327
Prep Date: 08/11/2012 0327
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	1.2	U	400	400	364	391
Dichlorodifluoromethane	4.4	U	400	400	502	519
Chloromethane	2.0	U	400	400	502	506
Vinyl chloride	2.8	U	400	400	458	459
Bromomethane	3.6	U	400	400	450	460
1,2-Dibromo-3-Chloropropane	8.0	U	400	400	335	366
1,2-Dichlorobenzene	4.2	U	400	400	366	378
Trichlorofluoromethane	3.0	U	400	400	502	486
1,1-Dichloroethene	1.8	U	400	400	400	414
1,2-Dichloropropane	1.8	U	400	400	374	376
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	400	400	366	376
Acetone	54	U	400	400	698	F 701 F
Carbon disulfide	2.6	U	400	400	310	322
Methyl acetate	6.8	U	400	400	337	342
Methylene Chloride	3.6	U	400	400	400	378
trans-1,2-Dichloroethene	2.6	U	400	400	358	371
Chlorodibromomethane	4.0	U	400	400	373	375
Methyl tert-butyl ether	2.8	U	400	400	372	386
Chloroethane	3.4	U	400	400	638	F 588 F
1,1-Dichloroethane	2.6	U	400	400	399	410
cis-1,2-Dichloroethene	3.6	U	400	400	383	397
2-Butanone (MEK)	46	U	400	400	405	413
Chloroform	1.6	U	400	400	391	409
Ethylbenzene	1200		400	400	2070	F 2140 F
Cyclohexane	300		400	400	796	849 F
Carbon tetrachloride	1.2	U	400	400	358	366
Benzene	530		400	400	878	911
1,2-Dichloroethane	3.8	U	400	400	384	390
Trichloroethene	1.8	U	400	400	351	361
Methylcyclohexane	100		400	400	562	588
Dichlorobromomethane	2.4	U	400	400	384	396
cis-1,3-Dichloropropene	3.6	U	400	400	364	373
4-Methyl-2-pentanone (MIBK)	20	U	400	400	379	389
Toluene	3200		400	400	3940	4 4030 4
trans-1,3-Dichloropropene	4.8	U	400	400	367	381
1,1,2-Trichloroethane	3.8	U	400	400	400	411
Tetrachloroethene	2.0	U	400	400	355	365
2-Hexanone	10	U	400	400	322	325
1,2-Dibromoethane	5.6	U	400	400	369	381
Chlorobenzene	2.2	U	400	400	373	383
Xylenes, Total	5300		1200	1200	8880	4 9180 4
Styrene	22		400	400	400	408
Bromoform	3.8	U	400	400	367	372

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-123597**

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

MS Lab Sample ID: 460-43314-8 Units: ug/L
Client Matrix: Water
Dilution: 20
Analysis Date: 08/11/2012 0303
Prep Date: 08/11/2012 0303
Leach Date: N/A

MSD Lab Sample ID: 460-43314-8
Client Matrix: Water
Dilution: 20
Analysis Date: 08/11/2012 0327
Prep Date: 08/11/2012 0327
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Isopropylbenzene	35		400	400	424	437
1,1,2,2-Tetrachloroethane	3.2	U	400	400	381	387
1,3-Dichlorobenzene	2.8	U	400	400	367	376
1,4-Dichlorobenzene	4.6	U	400	400	367	381
1,2,4-Trichlorobenzene	6.8	U	400	400	327	358

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Method Blank - Batch: 460-123702

Method: 8260B

Preparation: 5030B

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

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

Instrument ID: VOAMS5
Lab File ID: e06674.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Method Blank - Batch: 460-123702

Method: 8260B

Preparation: 5030B

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

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

Instrument ID: VOAMS5
 Lab File ID: e06674.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 130
4-Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	99	70 - 130

Method Blank TICs- Batch: 460-123702

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123702

Method: 8260B

Preparation: 5030B

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

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample - Batch: 460-123702

Method: 8260B

Preparation: 5030B

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

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

Method: 8260B
Preparation: 5030B

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

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

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

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

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

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

Method: 8260B
Preparation: 5030B

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

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

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

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

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

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

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

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-123702

Method: 8260B

Preparation: 5030B

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

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

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Method Blank - Batch: 460-123852

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123852/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 2138
Prep Date: 08/13/2012 2138
Leach Date: N/A

Analysis Batch: 460-123852
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VOAMS5
Lab File ID: e06707.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: 460-43314-1

Method Blank - Batch: 460-123852

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-123852/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/13/2012 2138
 Prep Date: 08/13/2012 2138
 Leach Date: N/A

Analysis Batch: 460-123852
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VOAMS5
 Lab File ID: e06707.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	97	70 - 130

Method Blank TICs- Batch: 460-123852

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-123852

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID: LCS 460-123852/3	Analysis Batch: 460-123852	Instrument ID: VOAMS5
Client Matrix: Water	Prep Batch: N/A	Lab File ID: e06703.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/13/2012 1950	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 08/13/2012 1950		
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-123852/4	Analysis Batch: 460-123852	Instrument ID: VOAMS5
Client Matrix: Water	Prep Batch: N/A	Lab File ID: e06704.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/13/2012 2013	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 08/13/2012 2013		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1,1-Trichloroethane	88	98	74 - 128	12	30		
Dichlorodifluoromethane	88	97	46 - 145	10	30		
Chloromethane	91	96	58 - 146	5	30		
Vinyl chloride	90	97	61 - 144	7	30		
Bromomethane	90	96	55 - 153	7	30		
1,2-Dibromo-3-Chloropropane	93	94	70 - 116	1	30		
1,2-Dichlorobenzene	93	97	82 - 122	5	30		
Trichlorofluoromethane	98	103	69 - 147	5	30		
1,1-Dichloroethene	90	94	56 - 139	4	30		
1,2-Dichloropropane	93	99	80 - 120	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	93	106	47 - 139	13	30		
Acetone	119	110	45 - 156	8	30		
Carbon disulfide	84	91	58 - 139	8	30		
Methyl acetate	77	88	50 - 151	13	30		
Methylene Chloride	92	95	79 - 119	3	30		
trans-1,2-Dichloroethene	91	97	75 - 122	6	30		
Chlorodibromomethane	95	100	80 - 120	5	30		
Methyl tert-butyl ether	82	93	71 - 115	12	30		
Chloroethane	108	94	69 - 145	14	30		
1,1-Dichloroethane	92	97	78 - 122	5	30		
cis-1,2-Dichloroethene	93	100	80 - 120	7	30		
2-Butanone (MEK)	88	96	65 - 114	9	30		
Chloroform	93	93	82 - 123	0	30		
Ethylbenzene	93	96	79 - 126	4	30		
Cyclohexane	100	114	58 - 133	13	30		
Carbon tetrachloride	91	98	73 - 120	7	30		
Benzene	91	97	83 - 124	6	30		
1,2-Dichloroethane	94	102	74 - 118	9	30		
Trichloroethene	88	96	78 - 119	8	30		
Methylcyclohexane	107	118	61 - 129	10	30		
Dichlorobromomethane	91	96	79 - 119	5	30		
cis-1,3-Dichloropropene	94	98	80 - 120	4	30		
4-Methyl-2-pentanone (MIBK)	81	90	53 - 120	10	30		
Toluene	93	97	80 - 120	4	30		
trans-1,3-Dichloropropene	95	98	78 - 118	3	30		
1,1,2-Trichloroethane	92	96	79 - 119	5	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 460-123852

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID:	LCS 460-123852/3	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06703.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 1950	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 1950				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-123852/4	Analysis Batch:	460-123852	Instrument ID:	VOAMS5
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	e06704.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/13/2012 2013	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	08/13/2012 2013				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Tetrachloroethene	94	99	68 - 139	6	30		
2-Hexanone	77	83	53 - 121	7	30		
1,2-Dibromoethane	96	98	78 - 118	2	30		
Chlorobenzene	92	97	81 - 121	6	30		
Xylenes, Total	93	97	76 - 121	4	30		
Styrene	93	98	69 - 112	5	30		
Bromoform	94	98	73 - 123	5	30		
Isopropylbenzene	92	99	80 - 125	7	30		
1,1,2,2-Tetrachloroethane	93	98	74 - 126	5	30		
1,3-Dichlorobenzene	93	97	81 - 126	4	30		
1,4-Dichlorobenzene	94	97	83 - 123	4	30		
1,2,4-Trichlorobenzene	93	97	66 - 120	4	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	95		108		70 - 130		
4-Bromofluorobenzene	97		102		70 - 130		
Toluene-d8 (Surr)	96		102		70 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123852**

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

LCS Lab Sample ID: LCS 460-123852/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 1950
Prep Date: 08/13/2012 1950
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-123852/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 2013
Prep Date: 08/13/2012 2013
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,1,1-Trichloroethane	20.0	20.0	17.5	19.7
Dichlorodifluoromethane	20.0	20.0	17.6	19.5
Chloromethane	20.0	20.0	18.2	19.2
Vinyl chloride	20.0	20.0	18.0	19.4
Bromomethane	20.0	20.0	18.0	19.3
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.7	18.9
1,2-Dichlorobenzene	20.0	20.0	18.5	19.5
Trichlorofluoromethane	20.0	20.0	19.6	20.5
1,1-Dichloroethene	20.0	20.0	18.1	18.8
1,2-Dichloropropane	20.0	20.0	18.6	19.8
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	18.7	21.2
Acetone	20.0	20.0	23.8	22.0
Carbon disulfide	20.0	20.0	16.7	18.1
Methyl acetate	20.0	20.0	15.4	17.6
Methylene Chloride	20.0	20.0	18.5	19.1
trans-1,2-Dichloroethene	20.0	20.0	18.2	19.4
Chlorodibromomethane	20.0	20.0	19.0	19.9
Methyl tert-butyl ether	20.0	20.0	16.4	18.6
Chloroethane	20.0	20.0	21.7	18.8
1,1-Dichloroethane	20.0	20.0	18.3	19.3
cis-1,2-Dichloroethene	20.0	20.0	18.7	19.9
2-Butanone (MEK)	20.0	20.0	17.6	19.2
Chloroform	20.0	20.0	18.6	18.7
Ethylbenzene	20.0	20.0	18.5	19.3
Cyclohexane	20.0	20.0	20.0	22.8
Carbon tetrachloride	20.0	20.0	18.2	19.6
Benzene	20.0	20.0	18.3	19.4
1,2-Dichloroethane	20.0	20.0	18.7	20.4
Trichloroethene	20.0	20.0	17.7	19.2
Methylcyclohexane	20.0	20.0	21.4	23.5
Dichlorobromomethane	20.0	20.0	18.2	19.1
cis-1,3-Dichloropropene	20.0	20.0	18.8	19.5
4-Methyl-2-pentanone (MIBK)	20.0	20.0	16.3	17.9
Toluene	20.0	20.0	18.6	19.4
trans-1,3-Dichloropropene	20.0	20.0	19.1	19.7
1,1,2-Trichloroethane	20.0	20.0	18.3	19.2
Tetrachloroethene	20.0	20.0	18.7	19.9
2-Hexanone	20.0	20.0	15.5	16.5
1,2-Dibromoethane	20.0	20.0	19.2	19.7

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-123852**

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

LCS Lab Sample ID: LCS 460-123852/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 1950
Prep Date: 08/13/2012 1950
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-123852/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 08/13/2012 2013
Prep Date: 08/13/2012 2013
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chlorobenzene	20.0	20.0	18.4	19.4
Xylenes, Total	60.0	60.0	55.7	58.1
Styrene	20.0	20.0	18.6	19.6
Bromoform	20.0	20.0	18.7	19.7
Isopropylbenzene	20.0	20.0	18.4	19.8
1,1,2,2-Tetrachloroethane	20.0	20.0	18.6	19.5
1,3-Dichlorobenzene	20.0	20.0	18.5	19.3
1,4-Dichlorobenzene	20.0	20.0	18.8	19.5
1,2,4-Trichlorobenzene	20.0	20.0	18.6	19.4

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Lab Section	Qualifier	Description
GC/MS VOA	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	N	This flag indicates the presumptive evidence of a compound.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-123484					
LCS 460-123484/3	Lab Control Sample	T	Water	8260B	
MB 460-123484/4	Method Blank	T	Water	8260B	
460-43270-B-1 MS	Matrix Spike	T	Water	8260B	
460-43270-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-43314-1DL	WG-17338-080812-VAS1-MM204	T	Water	8260B	
460-43314-2DL	WG-17338-080812-VAS1-MM205	T	Water	8260B	
460-43314-5DL	WG-17338-080812-VAS3-MM208	T	Water	8260B	
460-43314-6DL	WG-17338-080812-VAS3-MM209	T	Water	8260B	
460-43314-7DL	WG-17338-080812-VAS3-MM210	T	Water	8260B	
Analysis Batch:460-123597					
LCS 460-123597/3	Lab Control Sample	T	Water	8260B	
MB 460-123597/5	Method Blank	T	Water	8260B	
460-43314-1	WG-17338-080812-VAS1-MM204	T	Water	8260B	
460-43314-3DL	WG-17338-080812-VAS1-MM206	T	Water	8260B	
460-43314-8DL	WG-17338-080812-VAS3-MM211	T	Water	8260B	
460-43314-8MS	Matrix Spike	T	Water	8260B	
460-43314-8MSD	Matrix Spike Duplicate	T	Water	8260B	
460-43314-9TB	TB-17338-212	T	Water	8260B	
Analysis Batch:460-123702					
LCS 460-123702/3	Lab Control Sample	T	Water	8260B	
MB 460-123702/4	Method Blank	T	Water	8260B	
460-43314-2	WG-17338-080812-VAS1-MM205	T	Water	8260B	
460-43314-4	WG-17338-080812-VAS1-MM207	T	Water	8260B	
460-43314-5	WG-17338-080812-VAS3-MM208	T	Water	8260B	
460-43314-6	WG-17338-080812-VAS3-MM209	T	Water	8260B	
460-43314-7	WG-17338-080812-VAS3-MM210	T	Water	8260B	
460-43314-8	WG-17338-080812-VAS3-MM211	T	Water	8260B	
460-43346-C-13 MS	Matrix Spike	T	Water	8260B	
460-43346-C-13 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-123852					
LCS 460-123852/3	Lab Control Sample	T	Water	8260B	
LCSD 460-123852/4	Lab Control Sample Duplicate	T	Water	8260B	
MB 460-123852/5	Method Blank	T	Water	8260B	
460-43314-3	WG-17338-080812-VAS1-MM206	T	Water	8260B	
460-43314-4DL	WG-17338-080812-VAS1-MM207	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Laboratory Chronicle

Lab ID: 460-43314-1

Client ID: WG-17338-080812-VAS1-MM204

Sample Date/Time: 08/08/2012 10:05

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-A-1	DL	460-123484		08/10/2012 15:30	5	TAL EDI	AT
A:8260B	460-43314-A-1	DL	460-123484		08/10/2012 15:30	5	TAL EDI	AT
P:5030B	460-43314-C-1		460-123597		08/11/2012 05:46	1	TAL EDI	EM
A:8260B	460-43314-C-1		460-123597		08/11/2012 05:46	1	TAL EDI	EM

Lab ID: 460-43314-2

Client ID: WG-17338-080812-VAS1-MM205

Sample Date/Time: 08/08/2012 10:15

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-B-2	DL	460-123484		08/10/2012 15:54	2	TAL EDI	AT
A:8260B	460-43314-B-2	DL	460-123484		08/10/2012 15:54	2	TAL EDI	AT
P:5030B	460-43314-C-2		460-123702		08/13/2012 12:55	1	TAL EDI	AT
A:8260B	460-43314-C-2		460-123702		08/13/2012 12:55	1	TAL EDI	AT

Lab ID: 460-43314-3

Client ID: WG-17338-080812-VAS1-MM206

Sample Date/Time: 08/08/2012 11:30

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-C-3	DL	460-123597		08/11/2012 01:53	5	TAL EDI	EM
A:8260B	460-43314-C-3	DL	460-123597		08/11/2012 01:53	5	TAL EDI	EM
P:5030B	460-43314-C-3		460-123852		08/14/2012 02:40	1	TAL EDI	EM
A:8260B	460-43314-C-3		460-123852		08/14/2012 02:40	1	TAL EDI	EM

Lab ID: 460-43314-4

Client ID: WG-17338-080812-VAS1-MM207

Sample Date/Time: 08/08/2012 11:45

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-C-4		460-123702		08/13/2012 13:18	1	TAL EDI	AT
A:8260B	460-43314-C-4		460-123702		08/13/2012 13:18	1	TAL EDI	AT
P:5030B	460-43314-B-4	DL	460-123852		08/14/2012 02:17	5	TAL EDI	EM
A:8260B	460-43314-B-4	DL	460-123852		08/14/2012 02:17	5	TAL EDI	EM

Lab ID: 460-43314-5

Client ID: WG-17338-080812-VAS3-MM208

Sample Date/Time: 08/08/2012 13:30

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-A-5	DL	460-123484		08/10/2012 17:04	10	TAL EDI	AT
A:8260B	460-43314-A-5	DL	460-123484		08/10/2012 17:04	10	TAL EDI	AT
P:5030B	460-43314-C-5		460-123702		08/13/2012 14:05	2	TAL EDI	AT
A:8260B	460-43314-C-5		460-123702		08/13/2012 14:05	2	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Laboratory Chronicle

Lab ID: 460-43314-6

Client ID: WG-17338-080812-VAS3-MM209

Sample Date/Time: 08/08/2012 13:40

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-B-6	DL	460-123484		08/10/2012 17:27	10	TAL EDI	AT
A:8260B	460-43314-B-6	DL	460-123484		08/10/2012 17:27	10	TAL EDI	AT
P:5030B	460-43314-C-6		460-123702		08/13/2012 15:14	1	TAL EDI	AT
A:8260B	460-43314-C-6		460-123702		08/13/2012 15:14	1	TAL EDI	AT

Lab ID: 460-43314-7

Client ID: WG-17338-080812-VAS3-MM210

Sample Date/Time: 08/08/2012 14:00

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-B-7	DL	460-123484		08/10/2012 17:51	20	TAL EDI	AT
A:8260B	460-43314-B-7	DL	460-123484		08/10/2012 17:51	20	TAL EDI	AT
P:5030B	460-43314-C-7		460-123702		08/13/2012 14:51	5	TAL EDI	AT
A:8260B	460-43314-C-7		460-123702		08/13/2012 14:51	5	TAL EDI	AT

Lab ID: 460-43314-8

Client ID: WG-17338-080812-VAS3-MM211

Sample Date/Time: 08/08/2012 15:00

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-C-8	DL	460-123597		08/11/2012 02:17	20	TAL EDI	EM
A:8260B	460-43314-C-8	DL	460-123597		08/11/2012 02:17	20	TAL EDI	EM
P:5030B	460-43314-B-8		460-123702		08/13/2012 15:38	5	TAL EDI	AT
A:8260B	460-43314-B-8		460-123702		08/13/2012 15:38	5	TAL EDI	AT

Lab ID: 460-43314-8 MS

Client ID: WG-17338-080812-VAS3-MM211

Sample Date/Time: 08/08/2012 15:00

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-C-8 MS		460-123597		08/11/2012 03:03	20	TAL EDI	EM
A:8260B	460-43314-C-8 MS		460-123597		08/11/2012 03:03	20	TAL EDI	EM

Lab ID: 460-43314-8 MSD

Client ID: WG-17338-080812-VAS3-MM211

Sample Date/Time: 08/08/2012 15:00

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-C-8 MSD		460-123597		08/11/2012 03:27	20	TAL EDI	EM
A:8260B	460-43314-C-8 MSD		460-123597		08/11/2012 03:27	20	TAL EDI	EM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Laboratory Chronicle

Lab ID: 460-43314-9

Client ID: TB-17338-212

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

Received Date/Time: 08/08/2012 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43314-B-9		460-123597		08/11/2012 05:23	1	TAL EDI	EM
A:8260B	460-43314-B-9		460-123597		08/11/2012 05:23	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 460-123484/4		460-123484		08/10/2012 10:07	1	TAL EDI	AT
A:8260B	MB 460-123484/4		460-123484		08/10/2012 10:07	1	TAL EDI	AT
P:5030B	MB 460-123597/5		460-123597		08/10/2012 23:22	1	TAL EDI	EM
A:8260B	MB 460-123597/5		460-123597		08/10/2012 23:22	1	TAL EDI	EM
P:5030B	MB 460-123702/4		460-123702		08/13/2012 06:41	1	TAL EDI	AT
A:8260B	MB 460-123702/4		460-123702		08/13/2012 06:41	1	TAL EDI	AT
P:5030B	MB 460-123852/5		460-123852		08/13/2012 21:38	1	TAL EDI	EM
A:8260B	MB 460-123852/5		460-123852		08/13/2012 21:38	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 460-123484/3		460-123484		08/10/2012 08:57	1	TAL EDI	AT
A:8260B	LCS 460-123484/3		460-123484		08/10/2012 08:57	1	TAL EDI	AT
P:5030B	LCS 460-123597/3		460-123597		08/10/2012 21:28	1	TAL EDI	EM
A:8260B	LCS 460-123597/3		460-123597		08/10/2012 21:28	1	TAL EDI	EM
P:5030B	LCS 460-123702/3		460-123702		08/13/2012 05:08	1	TAL EDI	AT
A:8260B	LCS 460-123702/3		460-123702		08/13/2012 05:08	1	TAL EDI	AT
P:5030B	LCS 460-123852/3		460-123852		08/13/2012 19:50	1	TAL EDI	EM
A:8260B	LCS 460-123852/3		460-123852		08/13/2012 19:50	1	TAL EDI	EM

Lab ID: LCSD

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	LCSD 460-123852/4		460-123852		08/13/2012 20:13	1	TAL EDI	EM
A:8260B	LCSD 460-123852/4		460-123852		08/13/2012 20:13	1	TAL EDI	EM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Laboratory Chronicle

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43270-B-1 MS		460-123484		08/10/2012 13:39	10	TAL EDI	AT
A:8260B	460-43270-B-1 MS		460-123484		08/10/2012 13:39	10	TAL EDI	AT
P:5030B	460-43346-C-13 MS		460-123702		08/13/2012 09:02	10	TAL EDI	AT
A:8260B	460-43346-C-13 MS		460-123702		08/13/2012 09:02	10	TAL EDI	AT

Lab ID: MSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-43270-B-1 MSD		460-123484		08/10/2012 14:02	10	TAL EDI	AT
A:8260B	460-43270-B-1 MSD		460-123484		08/10/2012 14:02	10	TAL EDI	AT
P:5030B	460-43346-C-13 MSD		460-123702		08/13/2012 09:25	10	TAL EDI	AT
A:8260B	460-43346-C-13 MSD		460-123702		08/13/2012 09:25	10	TAL EDI	AT

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.: 460-43314-1

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-17338-080812-VA S1-MM204	460-43314-1	95	90	92
WG-17338-080812-VA S1-MM204 DL	460-43314-1 DL	106 D	98 D	98 D
WG-17338-080812-VA S1-MM205	460-43314-2	103	96	96
WG-17338-080812-VA S1-MM205 DL	460-43314-2 DL	108 D	98 D	99 D
WG-17338-080812-VA S1-MM206	460-43314-3	108	100	97
WG-17338-080812-VA S1-MM206 DL	460-43314-3 DL	96 D	97 D	95 D
WG-17338-080812-VA S1-MM207	460-43314-4	101	97	99
WG-17338-080812-VA S1-MM207 DL	460-43314-4 DL	108 D	103 D	99 D
WG-17338-080812-VA S3-MM208	460-43314-5	100	95	96
WG-17338-080812-VA S3-MM208 DL	460-43314-5 DL	109 D	98 D	97 D
WG-17338-080812-VA S3-MM209	460-43314-6	112	99	107
WG-17338-080812-VA S3-MM209 DL	460-43314-6 DL	107 D	98 D	98 D
WG-17338-080812-VA S3-MM210	460-43314-7	102	98	104
WG-17338-080812-VA S3-MM210 DL	460-43314-7 DL	108 D	98 D	99 D
WG-17338-080812-VA S3-MM211	460-43314-8	102	101	104
WG-17338-080812-VA S3-MM211 DL	460-43314-8 DL	103 D	99 D	99 D
TB-17338-212	460-43314-9	103	98	98
	MB 460-123484/4	107	94	97
	MB 460-123597/5	102	96	97
	MB 460-123702/4	104	99	100
	MB 460-123852/5	103	97	100
	LCS 460-123484/3	103	98	101
	LCS 460-123597/3	96	98	96
	LCS 460-123702/3	97	98	97
	LCS 460-123852/3	95	96	97
	LCSD 460-123852/4	108	102	102
WG-17338-080812-VA S3-MM211 MS	460-43314-8 MS	98	97	98

QC LIMITS

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 II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-VMS ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
	460-43270-B-1 MS	101	91	90
	460-43346-C-13 MS	99	98	97
WG-17338-080812-VA S3-MM211 MSD	460-43314-8 MSD	108	99	100
	460-43270-B-1 MSD	105	97	95
	460-43346-C-13 MSD	101	100	100

	<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.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06552.d
 Lab ID: LCS 460-123484/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.8	94	74-128	
Dichlorodifluoromethane	20.0	18.9	95	46-145	
Chloromethane	20.0	19.5	97	58-146	
Vinyl chloride	20.0	19.4	97	61-144	
Bromomethane	20.0	20.1	100	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	70-116	
1,2-Dichlorobenzene	20.0	19.3	96	82-122	
Trichlorofluoromethane	20.0	20.1	100	69-147	
1,1-Dichloroethene	20.0	19.3	97	56-139	
1,2-Dichloropropane	20.0	19.4	97	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	21.1	106	47-139	
Acetone	20.0	24.2	121	45-156	
Carbon disulfide	20.0	20.3	101	58-139	
Methyl acetate	20.0	20.7	104	50-151	
Methylene Chloride	20.0	19.6	98	79-119	
trans-1,2-Dichloroethene	20.0	18.5	92	75-122	
Chlorodibromomethane	20.0	19.0	95	80-120	
Methyl tert-butyl ether	20.0	21.2	106	71-115	
Chloroethane	20.0	22.3	111	69-145	
1,1-Dichloroethane	20.0	18.5	92	78-122	
cis-1,2-Dichloroethene	20.0	18.7	93	80-120	
2-Butanone (MEK)	20.0	19.8	99	65-114	
Chloroform	20.0	18.4	92	82-123	
Ethylbenzene	20.0	19.3	97	79-126	
Cyclohexane	20.0	20.3	101	58-133	
Carbon tetrachloride	20.0	19.4	97	73-120	
Benzene	20.0	18.8	94	83-124	
1,2-Dichloroethane	20.0	18.0	90	74-118	
Trichloroethene	20.0	19.0	95	78-119	
Methylcyclohexane	20.0	21.9	110	61-129	
Dichlorobromomethane	20.0	19.0	95	79-119	
cis-1,3-Dichloropropene	20.0	18.6	93	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	21.0	105	53-120	
Toluene	20.0	19.0	95	80-120	
trans-1,3-Dichloropropene	20.0	18.9	95	78-118	
1,1,2-Trichloroethane	20.0	18.8	94	79-119	
Tetrachloroethene	20.0	19.3	97	68-139	
2-Hexanone	20.0	20.4	102	53-121	
1,2-Dibromoethane	20.0	18.5	93	78-118	
Chlorobenzene	20.0	18.9	95	81-121	
Xylenes, Total	60.0	57.1	95	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06552.d
Lab ID: LCS 460-123484/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.0	95	69-112	
Bromoform	20.0	19.4	97	73-123	
Isopropylbenzene	20.0	19.3	97	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	74-126	
1,3-Dichlorobenzene	20.0	19.3	97	81-126	
1,4-Dichlorobenzene	20.0	19.1	96	83-123	
1,2,4-Trichlorobenzene	20.0	19.4	97	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06581.d
 Lab ID: LCS 460-123597/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.5	93	74-128	
Dichlorodifluoromethane	20.0	21.0	105	46-145	
Chloromethane	20.0	20.3	102	58-146	
Vinyl chloride	20.0	20.1	101	61-144	
Bromomethane	20.0	19.3	97	55-153	
1,2-Dibromo-3-Chloropropane	20.0	18.6	93	70-116	
1,2-Dichlorobenzene	20.0	18.7	94	82-122	
Trichlorofluoromethane	20.0	19.7	98	69-147	
1,1-Dichloroethene	20.0	18.1	91	56-139	
1,2-Dichloropropane	20.0	18.7	93	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	16.3	81	47-139	
Acetone	20.0	25.3	127	45-156	
Carbon disulfide	20.0	17.4	87	58-139	
Methyl acetate	20.0	18.6	93	50-151	
Methylene Chloride	20.0	19.0	95	79-119	
trans-1,2-Dichloroethene	20.0	17.7	89	75-122	
Chlorodibromomethane	20.0	18.5	93	80-120	
Methyl tert-butyl ether	20.0	18.4	92	71-115	
Chloroethane	20.0	24.4	122	69-145	
1,1-Dichloroethane	20.0	18.6	93	78-122	
cis-1,2-Dichloroethene	20.0	18.5	93	80-120	
2-Butanone (MEK)	20.0	19.0	95	65-114	
Chloroform	20.0	18.4	92	82-123	
Ethylbenzene	20.0	18.5	93	79-126	
Cyclohexane	20.0	16.5	83	58-133	
Carbon tetrachloride	20.0	18.0	90	73-120	
Benzene	20.0	18.1	91	83-124	
1,2-Dichloroethane	20.0	19.6	98	74-118	
Trichloroethene	20.0	18.2	91	78-119	
Methylcyclohexane	20.0	16.9	84	61-129	
Dichlorobromomethane	20.0	18.7	94	79-119	
cis-1,3-Dichloropropene	20.0	18.3	91	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	17.8	89	53-120	
Toluene	20.0	18.5	93	80-120	
trans-1,3-Dichloropropene	20.0	18.7	93	78-118	
1,1,2-Trichloroethane	20.0	18.3	91	79-119	
Tetrachloroethene	20.0	18.2	91	68-139	
2-Hexanone	20.0	17.6	88	53-121	
1,2-Dibromoethane	20.0	18.6	93	78-118	
Chlorobenzene	20.0	18.8	94	81-121	
Xylenes, Total	60.0	56.3	94	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.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06581.d
Lab ID: LCS 460-123597/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.9	95	69-112	
Bromoform	20.0	19.0	95	73-123	
Isopropylbenzene	20.0	18.8	94	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	74-126	
1,3-Dichlorobenzene	20.0	18.4	92	81-126	
1,4-Dichlorobenzene	20.0	18.7	94	83-123	
1,2,4-Trichlorobenzene	20.0	18.6	93	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06670.d
 Lab ID: LCS 460-123702/3 Client ID: _____

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

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06670.d
Lab ID: LCS 460-123702/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	19.2	96	69-112	
Bromoform	20.0	19.5	98	73-123	
Isopropylbenzene	20.0	18.6	93	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	74-126	
1,3-Dichlorobenzene	20.0	19.1	95	81-126	
1,4-Dichlorobenzene	20.0	19.1	95	83-123	
1,2,4-Trichlorobenzene	20.0	19.8	99	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06703.d
 Lab ID: LCS 460-123852/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.5	88	74-128	
Dichlorodifluoromethane	20.0	17.6	88	46-145	
Chloromethane	20.0	18.2	91	58-146	
Vinyl chloride	20.0	18.0	90	61-144	
Bromomethane	20.0	18.0	90	55-153	
1,2-Dibromo-3-Chloropropane	20.0	18.7	93	70-116	
1,2-Dichlorobenzene	20.0	18.5	93	82-122	
Trichlorofluoromethane	20.0	19.6	98	69-147	
1,1-Dichloroethene	20.0	18.1	90	56-139	
1,2-Dichloropropane	20.0	18.6	93	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	18.7	93	47-139	
Acetone	20.0	23.8	119	45-156	
Carbon disulfide	20.0	16.7	84	58-139	
Methyl acetate	20.0	15.4	77	50-151	
Methylene Chloride	20.0	18.5	92	79-119	
trans-1,2-Dichloroethene	20.0	18.2	91	75-122	
Chlorodibromomethane	20.0	19.0	95	80-120	
Methyl tert-butyl ether	20.0	16.4	82	71-115	
Chloroethane	20.0	21.7	108	69-145	
1,1-Dichloroethane	20.0	18.3	92	78-122	
cis-1,2-Dichloroethene	20.0	18.7	93	80-120	
2-Butanone (MEK)	20.0	17.6	88	65-114	
Chloroform	20.0	18.6	93	82-123	
Ethylbenzene	20.0	18.5	93	79-126	
Cyclohexane	20.0	20.0	100	58-133	
Carbon tetrachloride	20.0	18.2	91	73-120	
Benzene	20.0	18.3	91	83-124	
1,2-Dichloroethane	20.0	18.7	94	74-118	
Trichloroethene	20.0	17.7	88	78-119	
Methylcyclohexane	20.0	21.4	107	61-129	
Dichlorobromomethane	20.0	18.2	91	79-119	
cis-1,3-Dichloropropene	20.0	18.8	94	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	16.3	81	53-120	
Toluene	20.0	18.6	93	80-120	
trans-1,3-Dichloropropene	20.0	19.1	95	78-118	
1,1,2-Trichloroethane	20.0	18.3	92	79-119	
Tetrachloroethene	20.0	18.7	94	68-139	
2-Hexanone	20.0	15.5	77	53-121	
1,2-Dibromoethane	20.0	19.2	96	78-118	
Chlorobenzene	20.0	18.4	92	81-121	
Xylenes, Total	60.0	55.7	93	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.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06703.d
Lab ID: LCS 460-123852/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	18.6	93	69-112	
Bromoform	20.0	18.7	94	73-123	
Isopropylbenzene	20.0	18.4	92	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	74-126	
1,3-Dichlorobenzene	20.0	18.5	93	81-126	
1,4-Dichlorobenzene	20.0	18.8	94	83-123	
1,2,4-Trichlorobenzene	20.0	18.6	93	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06704.d
 Lab ID: LCSD 460-123852/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	19.7	98	12	30	74-128	
Dichlorodifluoromethane	20.0	19.5	97	10	30	46-145	
Chloromethane	20.0	19.2	96	5	30	58-146	
Vinyl chloride	20.0	19.4	97	7	30	61-144	
Bromomethane	20.0	19.3	96	7	30	55-153	
1,2-Dibromo-3-Chloropropane	20.0	18.9	94	1	30	70-116	
1,2-Dichlorobenzene	20.0	19.5	97	5	30	82-122	
Trichlorofluoromethane	20.0	20.5	103	5	30	69-147	
1,1-Dichloroethene	20.0	18.8	94	4	30	56-139	
1,2-Dichloropropane	20.0	19.8	99	6	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	21.2	106	13	30	47-139	
Acetone	20.0	22.0	110	8	30	45-156	
Carbon disulfide	20.0	18.1	91	8	30	58-139	
Methyl acetate	20.0	17.6	88	13	30	50-151	
Methylene Chloride	20.0	19.1	95	3	30	79-119	
trans-1,2-Dichloroethene	20.0	19.4	97	6	30	75-122	
Chlorodibromomethane	20.0	19.9	100	5	30	80-120	
Methyl tert-butyl ether	20.0	18.6	93	12	30	71-115	
Chloroethane	20.0	18.8	94	14	30	69-145	
1,1-Dichloroethane	20.0	19.3	97	5	30	78-122	
cis-1,2-Dichloroethene	20.0	19.9	100	7	30	80-120	
2-Butanone (MEK)	20.0	19.2	96	9	30	65-114	
Chloroform	20.0	18.7	93	0	30	82-123	
Ethylbenzene	20.0	19.3	96	4	30	79-126	
Cyclohexane	20.0	22.8	114	13	30	58-133	
Carbon tetrachloride	20.0	19.6	98	7	30	73-120	
Benzene	20.0	19.4	97	6	30	83-124	
1,2-Dichloroethane	20.0	20.4	102	9	30	74-118	
Trichloroethene	20.0	19.2	96	8	30	78-119	
Methylcyclohexane	20.0	23.5	118	10	30	61-129	
Dichlorobromomethane	20.0	19.1	96	5	30	79-119	
cis-1,3-Dichloropropene	20.0	19.5	98	4	30	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	17.9	90	10	30	53-120	
Toluene	20.0	19.4	97	4	30	80-120	
trans-1,3-Dichloropropene	20.0	19.7	98	3	30	78-118	
1,1,2-Trichloroethane	20.0	19.2	96	5	30	79-119	
Tetrachloroethene	20.0	19.9	99	6	30	68-139	
2-Hexanone	20.0	16.5	83	7	30	53-121	
1,2-Dibromoethane	20.0	19.7	98	2	30	78-118	
Chlorobenzene	20.0	19.4	97	6	30	81-121	
Xylenes, Total	60.0	58.1	97	4	30	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06704.d
 Lab ID: LCSD 460-123852/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	19.6	98	5	30	69-112	
Bromoform	20.0	19.7	98	5	30	73-123	
Isopropylbenzene	20.0	19.8	99	7	30	80-125	
1,1,2,2-Tetrachloroethane	20.0	19.5	98	5	30	74-126	
1,3-Dichlorobenzene	20.0	19.3	97	4	30	81-126	
1,4-Dichlorobenzene	20.0	19.5	97	4	30	83-123	
1,2,4-Trichlorobenzene	20.0	19.4	97	4	30	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.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06594.d
Lab ID: 460-43314-8 MS Client ID: WG-17338-080812-VAS3-MM211 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	400	1.2 U	364	91	74-128	
Dichlorodifluoromethane	400	4.4 U	502	125	46-145	
Chloromethane	400	2.0 U	502	126	58-146	
Vinyl chloride	400	2.8 U	458	114	61-144	
Bromomethane	400	3.6 U	450	112	55-153	
1,2-Dibromo-3-Chloropropane	400	8.0 U	335	84	70-116	
1,2-Dichlorobenzene	400	4.2 U	366	92	82-122	
Trichlorofluoromethane	400	3.0 U	502	125	69-147	
1,1-Dichloroethene	400	1.8 U	400	100	56-139	
1,2-Dichloropropane	400	1.8 U	374	93	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	400	1.6 U	366	92	47-139	
Acetone	400	54 U	698	174	45-156	F
Carbon disulfide	400	2.6 U	310	78	58-139	
Methyl acetate	400	6.8 U	337	84	50-151	
Methylene Chloride	400	3.6 U	400	100	79-119	
trans-1,2-Dichloroethene	400	2.6 U	358	90	75-122	
Chlorodibromomethane	400	4.0 U	373	93	80-120	
Methyl tert-butyl ether	400	2.8 U	372	93	71-115	
Chloroethane	400	3.4 U	638	160	69-145	F
1,1-Dichloroethane	400	2.6 U	399	100	78-122	
cis-1,2-Dichloroethene	400	3.6 U	383	96	80-120	
2-Butanone (MEK)	400	46 U	405	101	65-114	
Chloroform	400	1.6 U	391	98	82-123	
Ethylbenzene	400	1200	2070	219	79-126	F
Cyclohexane	400	300	796	124	58-133	
Carbon tetrachloride	400	1.2 U	358	90	73-120	
Benzene	400	530	878	88	83-124	
1,2-Dichloroethane	400	3.8 U	384	96	74-118	
Trichloroethene	400	1.8 U	351	88	78-119	
Methylcyclohexane	400	100	562	115	61-129	
Dichlorobromomethane	400	2.4 U	384	96	79-119	
cis-1,3-Dichloropropene	400	3.6 U	364	91	80-120	
4-Methyl-2-pentanone (MIBK)	400	20 U	379	95	53-120	
Toluene	400	3200	3940	190	80-120	4
trans-1,3-Dichloropropene	400	4.8 U	367	92	78-118	
1,1,2-Trichloroethane	400	3.8 U	400	100	79-119	
Tetrachloroethene	400	2.0 U	355	89	68-139	
2-Hexanone	400	10 U	322	80	53-121	
1,2-Dibromoethane	400	5.6 U	369	92	78-118	
Chlorobenzene	400	2.2 U	373	93	81-121	
Xylenes, Total	1200	5300	8880	300	76-121	4

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06594.d
Lab ID: 460-43314-8 MS Client ID: WG-17338-080812-VAS3-MM211 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	400	22	400	95	69-112	
Bromoform	400	3.8 U	367	92	73-123	
Isopropylbenzene	400	35	424	97	80-125	
1,1,2,2-Tetrachloroethane	400	3.2 U	381	95	74-126	
1,3-Dichlorobenzene	400	2.8 U	367	92	81-126	
1,4-Dichlorobenzene	400	4.6 U	367	92	83-123	
1,2,4-Trichlorobenzene	400	6.8 U	327	82	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06564.d
Lab ID: 460-43270-B-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.30 U	179	89	74-128	
Dichlorodifluoromethane	200	1.1 U	191	95	46-145	
Chloromethane	200	0.50 U	205	103	58-146	
Vinyl chloride	200	0.70 U	204	102	61-144	
Bromomethane	200	0.90 U	203	101	55-153	
1,2-Dibromo-3-Chloropropane	200	2.0 U	206	103	70-116	
1,2-Dichlorobenzene	200	1.1 U	176	88	82-122	
Trichlorofluoromethane	200	0.75 U	205	103	69-147	
1,1-Dichloroethene	200	0.45 U	203	101	56-139	
1,2-Dichloropropane	200	0.45 U	189	94	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.40 U	186	93	47-139	
Acetone	200	150	343	97	45-156	
Carbon disulfide	200	0.65 U	170	85	58-139	
Methyl acetate	200	1.7 U	205	103	50-151	
Methylene Chloride	200	0.90 U	186	93	79-119	
trans-1,2-Dichloroethene	200	0.65 U	181	90	75-122	
Chlorodibromomethane	200	1.0 U	192	96	80-120	
Methyl tert-butyl ether	200	0.70 U	209	104	71-115	
Chloroethane	200	0.85 U	253	127	69-145	
1,1-Dichloroethane	200	0.65 U	191	95	78-122	
cis-1,2-Dichloroethene	200	0.90 U	178	89	80-120	
2-Butanone (MEK)	200	36	208	86	65-114	
Chloroform	200	0.40 U	186	93	82-123	
Ethylbenzene	200	360	596	117	79-126	
Cyclohexane	200	220	382	83	58-133	
Carbon tetrachloride	200	0.30 U	177	88	73-120	
Benzene	200	570	624	28	83-124	F
1,2-Dichloroethane	200	0.95 U	187	94	74-118	
Trichloroethene	200	0.45 U	177	89	78-119	
Methylcyclohexane	200	130	355	114	61-129	
Dichlorobromomethane	200	0.60 U	189	95	79-119	
cis-1,3-Dichloropropene	200	0.90 U	179	89	80-120	
4-Methyl-2-pentanone (MIBK)	200	5.0 U	243	122	53-120	F
Toluene	200	1200	1270	16	80-120	4
trans-1,3-Dichloropropene	200	1.2 U	186	93	78-118	
1,1,2-Trichloroethane	200	0.95 U	241	120	79-119	F
Tetrachloroethene	200	0.50 U	173	86	68-139	
2-Hexanone	200	2.5 U	200	100	53-121	
1,2-Dibromoethane	200	1.4 U	194	97	78-118	
Chlorobenzene	200	0.55 U	181	91	81-121	
Xylenes, Total	600	1700	2540	140	76-121	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06564.d
 Lab ID: 460-43270-B-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	9.3	184	87	69-112	
Bromoform	200	0.95 U	197	99	73-123	
Isopropylbenzene	200	26	209	91	80-125	
1,1,2,2-Tetrachloroethane	200	0.80 U	211	106	74-126	
1,3-Dichlorobenzene	200	0.70 U	172	86	81-126	
1,4-Dichlorobenzene	200	1.2 U	172	86	83-123	
1,2,4-Trichlorobenzene	200	1.7 U	161	81	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.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06680.d
 Lab ID: 460-43346-C-13 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.060 U	193	96	74-128	
Dichlorodifluoromethane	200	0.22 U	215	107	46-145	
Chloromethane	200	0.10 U	214	107	58-146	
Vinyl chloride	200	0.14 U	222	111	61-144	
Bromomethane	200	0.18 U	214	107	55-153	
1,2-Dibromo-3-Chloropropane	200	0.40 U	202	101	70-116	
1,2-Dichlorobenzene	200	0.21 U	197	98	82-122	
Trichlorofluoromethane	200	0.15 U	229	115	69-147	
1,1-Dichloroethene	200	0.090 U	218	109	56-139	
1,2-Dichloropropane	200	0.090 U	206	103	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.080 U	169	84	47-139	
Acetone	200	2.7 U	140	70	45-156	
Carbon disulfide	200	0.72 J	96.5	48	58-139	F
Methyl acetate	200	0.34 U	171	86	50-151	
Methylene Chloride	200	0.18 U	201	100	79-119	
trans-1,2-Dichloroethene	200	0.13 U	191	96	75-122	
Chlorodibromomethane	200	0.20 U	201	101	80-120	
Methyl tert-butyl ether	200	0.14 U	182	91	71-115	
Chloroethane	200	0.17 U	227	113	69-145	
1,1-Dichloroethane	200	0.13 U	200	100	78-122	
cis-1,2-Dichloroethene	200	0.18 U	214	107	80-120	
2-Butanone (MEK)	200	2.3 U	188	94	65-114	
Chloroform	200	0.080 U	200	100	82-123	
Ethylbenzene	200	0.10 U	203	102	79-126	
Cyclohexane	200	0.44 J	140	70	58-133	
Carbon tetrachloride	200	0.060 U	200	100	73-120	
Benzene	200	0.13 J	200	100	83-124	
1,2-Dichloroethane	200	0.19 U	200	100	74-118	
Trichloroethene	200	0.090 U	197	99	78-119	
Methylcyclohexane	200	0.73 J	143	71	61-129	
Dichlorobromomethane	200	0.12 U	203	101	79-119	
cis-1,3-Dichloropropene	200	0.18 U	193	96	80-120	
4-Methyl-2-pentanone (MIBK)	200	0.99 U	207	104	53-120	
Toluene	200	0.15 U	200	100	80-120	
trans-1,3-Dichloropropene	200	0.24 U	198	99	78-118	
1,1,2-Trichloroethane	200	0.19 U	198	99	79-119	
Tetrachloroethene	200	0.10 U	198	99	68-139	
2-Hexanone	200	0.50 U	202	101	53-121	
1,2-Dibromoethane	200	0.28 U	204	102	78-118	
Chlorobenzene	200	0.11 U	199	100	81-121	
Xylenes, Total	600	0.36 U	584	97	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06680.d
Lab ID: 460-43346-C-13 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	200	0.12 U	193	96	69-112	
Bromoform	200	0.19 U	201	100	73-123	
Isopropylbenzene	200	0.080 U	194	97	80-125	
1,1,2,2-Tetrachloroethane	200	0.16 U	206	103	74-126	
1,3-Dichlorobenzene	200	0.14 U	194	97	81-126	
1,4-Dichlorobenzene	200	0.23 U	194	97	83-123	
1,2,4-Trichlorobenzene	200	0.34 U	190	95	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06595.d
 Lab ID: 460-43314-8 MSD Client ID: WG-17338-080812-VAS3-MM211 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	400	391	98	7	30	74-128	
Dichlorodifluoromethane	400	519	130	3	30	46-145	
Chloromethane	400	506	127	1	30	58-146	
Vinyl chloride	400	459	115	0	30	61-144	
Bromomethane	400	460	115	2	30	55-153	
1,2-Dibromo-3-Chloropropane	400	366	92	9	30	70-116	
1,2-Dichlorobenzene	400	378	95	3	30	82-122	
Trichlorofluoromethane	400	486	121	3	30	69-147	
1,1-Dichloroethene	400	414	103	3	30	56-139	
1,2-Dichloropropane	400	376	94	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	400	376	94	3	30	47-139	
Acetone	400	701	175	0	30	45-156	F
Carbon disulfide	400	322	80	4	30	58-139	
Methyl acetate	400	342	86	2	30	50-151	
Methylene Chloride	400	378	95	6	30	79-119	
trans-1,2-Dichloroethene	400	371	93	3	30	75-122	
Chlorodibromomethane	400	375	94	1	30	80-120	
Methyl tert-butyl ether	400	386	97	4	30	71-115	
Chloroethane	400	588	147	8	30	69-145	F
1,1-Dichloroethane	400	410	102	3	30	78-122	
cis-1,2-Dichloroethene	400	397	99	4	30	80-120	
2-Butanone (MEK)	400	413	103	2	30	65-114	
Chloroform	400	409	102	4	30	82-123	
Ethylbenzene	400	2140	238	4	30	79-126	F
Cyclohexane	400	849	137	6	30	58-133	F
Carbon tetrachloride	400	366	91	2	30	73-120	
Benzene	400	911	96	4	30	83-124	
1,2-Dichloroethane	400	390	97	1	30	74-118	
Trichloroethene	400	361	90	3	30	78-119	
Methylcyclohexane	400	588	122	5	30	61-129	
Dichlorobromomethane	400	396	99	3	30	79-119	
cis-1,3-Dichloropropene	400	373	93	3	30	80-120	
4-Methyl-2-pentanone (MIBK)	400	389	97	3	30	53-120	
Toluene	400	4030	213	2	30	80-120	4
trans-1,3-Dichloropropene	400	381	95	4	30	78-118	
1,1,2-Trichloroethane	400	411	103	3	30	79-119	
Tetrachloroethene	400	365	91	3	30	68-139	
2-Hexanone	400	325	81	1	30	53-121	
1,2-Dibromoethane	400	381	95	3	30	78-118	
Chlorobenzene	400	383	96	3	30	81-121	
Xylenes, Total	1200	9180	324	3	30	76-121	4

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.: 460-43314-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: e06595.d
Lab ID: 460-43314-8 MSD Client ID: WG-17338-080812-VAS3-MM211 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	400	408	96	2	30	69-112	
Bromoform	400	372	93	1	30	73-123	
Isopropylbenzene	400	437	100	3	30	80-125	
1,1,2,2-Tetrachloroethane	400	387	97	1	30	74-126	
1,3-Dichlorobenzene	400	376	94	2	30	81-126	
1,4-Dichlorobenzene	400	381	95	4	30	83-123	
1,2,4-Trichlorobenzene	400	358	89	9	30	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06565.d
 Lab ID: 460-43270-B-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	181	90	1	30	74-128	
Dichlorodifluoromethane	200	194	97	2	30	46-145	
Chloromethane	200	210	105	2	30	58-146	
Vinyl chloride	200	205	102	1	30	61-144	
Bromomethane	200	205	103	1	30	55-153	
1,2-Dibromo-3-Chloropropane	200	210	105	2	30	70-116	
1,2-Dichlorobenzene	200	180	90	2	30	82-122	
Trichlorofluoromethane	200	200	100	2	30	69-147	
1,1-Dichloroethene	200	206	103	2	30	56-139	
1,2-Dichloropropane	200	195	98	3	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	197	98	5	30	47-139	
Acetone	200	360	105	5	30	45-156	
Carbon disulfide	200	184	92	8	30	58-139	
Methyl acetate	200	205	102	0	30	50-151	
Methylene Chloride	200	188	94	1	30	79-119	
trans-1,2-Dichloroethene	200	184	92	2	30	75-122	
Chlorodibromomethane	200	203	101	5	30	80-120	
Methyl tert-butyl ether	200	221	111	6	30	71-115	
Chloroethane	200	217	108	16	30	69-145	
1,1-Dichloroethane	200	193	96	1	30	78-122	
cis-1,2-Dichloroethene	200	184	92	3	30	80-120	
2-Butanone (MEK)	200	217	91	4	30	65-114	
Chloroform	200	194	97	4	30	82-123	
Ethylbenzene	200	609	124	2	30	79-126	
Cyclohexane	200	395	89	3	30	58-133	
Carbon tetrachloride	200	180	90	2	30	73-120	
Benzene	200	659	45	5	30	83-124	F
1,2-Dichloroethane	200	187	94	0	30	74-118	
Trichloroethene	200	182	91	3	30	78-119	
Methylcyclohexane	200	357	115	1	30	61-129	
Dichlorobromomethane	200	190	95	0	30	79-119	
cis-1,3-Dichloropropene	200	188	94	5	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	251	126	3	30	53-120	F
Toluene	200	1310	35	3	30	80-120	4
trans-1,3-Dichloropropene	200	196	98	5	30	78-118	
1,1,2-Trichloroethane	200	246	123	2	30	79-119	F
Tetrachloroethene	200	177	89	3	30	68-139	
2-Hexanone	200	214	107	7	30	53-121	
1,2-Dibromoethane	200	200	100	3	30	78-118	
Chlorobenzene	200	183	92	1	30	81-121	
Xylenes, Total	600	2580	147	2	30	76-121	F

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.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06565.d
 Lab ID: 460-43270-B-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	187	89	2	30	69-112	
Bromoform	200	200	100	2	30	73-123	
Isopropylbenzene	200	213	93	2	30	80-125	
1,1,2,2-Tetrachloroethane	200	219	110	4	30	74-126	
1,3-Dichlorobenzene	200	175	88	2	30	81-126	
1,4-Dichlorobenzene	200	175	88	2	30	83-123	
1,2,4-Trichlorobenzene	200	171	86	6	30	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06681.d
 Lab ID: 460-43346-C-13 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	194	97	0	30	74-128	
Dichlorodifluoromethane	200	215	108	0	30	46-145	
Chloromethane	200	213	106	0	30	58-146	
Vinyl chloride	200	215	108	3	30	61-144	
Bromomethane	200	216	108	1	30	55-153	
1,2-Dibromo-3-Chloropropane	200	227	113	12	30	70-116	
1,2-Dichlorobenzene	200	204	102	4	30	82-122	
Trichlorofluoromethane	200	225	112	2	30	69-147	
1,1-Dichloroethene	200	225	112	3	30	56-139	
1,2-Dichloropropane	200	204	102	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	168	84	0	30	47-139	
Acetone	200	230	115	49	30	45-156	F
Carbon disulfide	200	100	50	4	30	58-139	F
Methyl acetate	200	189	95	10	30	50-151	
Methylene Chloride	200	208	104	3	30	79-119	
trans-1,2-Dichloroethene	200	199	99	4	30	75-122	
Chlorodibromomethane	200	208	104	3	30	80-120	
Methyl tert-butyl ether	200	188	94	3	30	71-115	
Chloroethane	200	236	118	4	30	69-145	
1,1-Dichloroethane	200	200	100	0	30	78-122	
cis-1,2-Dichloroethene	200	213	106	0	30	80-120	
2-Butanone (MEK)	200	186	93	1	30	65-114	
Chloroform	200	200	100	0	30	82-123	
Ethylbenzene	200	201	101	1	30	79-126	
Cyclohexane	200	141	70	0	30	58-133	
Carbon tetrachloride	200	203	102	1	30	73-120	
Benzene	200	201	100	1	30	83-124	
1,2-Dichloroethane	200	206	103	3	30	74-118	
Trichloroethene	200	204	102	3	30	78-119	
Methylcyclohexane	200	145	72	2	30	61-129	
Dichlorobromomethane	200	209	104	3	30	79-119	
cis-1,3-Dichloropropene	200	202	101	5	30	80-120	
4-Methyl-2-pentanone (MIBK)	200	213	106	3	30	53-120	
Toluene	200	203	102	2	30	80-120	
trans-1,3-Dichloropropene	200	210	105	6	30	78-118	
1,1,2-Trichloroethane	200	212	106	7	30	79-119	
Tetrachloroethene	200	202	101	2	30	68-139	
2-Hexanone	200	232	116	14	30	53-121	
1,2-Dibromoethane	200	210	105	3	30	78-118	
Chlorobenzene	200	206	103	4	30	81-121	
Xylenes, Total	600	595	99	2	30	76-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: e06681.d
 Lab ID: 460-43346-C-13 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	200	199	100	3	30	69-112	
Bromoform	200	209	104	4	30	73-123	
Isopropylbenzene	200	199	99	3	30	80-125	
1,1,2,2-Tetrachloroethane	200	217	109	5	30	74-126	
1,3-Dichlorobenzene	200	200	100	3	30	81-126	
1,4-Dichlorobenzene	200	203	102	5	30	83-123	
1,2,4-Trichlorobenzene	200	206	103	8	30	66-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06555.d Lab Sample ID: MB 460-123484/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/10/2012 10:07
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 460-123484/3	e06552.d	08/10/2012 08:57
	460-43270-B-1 MS	e06564.d	08/10/2012 13:39
	460-43270-B-1 MSD	e06565.d	08/10/2012 14:02
WG-17338-080812-VAS1-MM204 DL	460-43314-1 DL	e06568.d	08/10/2012 15:30
WG-17338-080812-VAS1-MM205 DL	460-43314-2 DL	e06569.d	08/10/2012 15:54
WG-17338-080812-VAS3-MM208 DL	460-43314-5 DL	e06572.d	08/10/2012 17:04
WG-17338-080812-VAS3-MM209 DL	460-43314-6 DL	e06573.d	08/10/2012 17:27
WG-17338-080812-VAS3-MM210 DL	460-43314-7 DL	e06574.d	08/10/2012 17:51

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06585.d Lab Sample ID: MB 460-123597/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/10/2012 23:22
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 460-123597/3	e06581.d	08/10/2012 21:28
WG-17338-080812-VAS1-MM206 DL	460-43314-3 DL	e06591.d	08/11/2012 01:53
WG-17338-080812-VAS3-MM211 DL	460-43314-8 DL	e06592.d	08/11/2012 02:17
WG-17338-080812-VAS3-MM211 MS	460-43314-8 MS	e06594.d	08/11/2012 03:03
WG-17338-080812-VAS3-MM211 MSD	460-43314-8 MSD	e06595.d	08/11/2012 03:27
TB-17338-212	460-43314-9	e06600.d	08/11/2012 05:23
WG-17338-080812-VAS1-MM204	460-43314-1	e06601.d	08/11/2012 05:46

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06674.d Lab Sample ID: MB 460-123702/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/13/2012 06:41
GC Column: Rtx-VMS ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-123702/3	e06670.d	08/13/2012 05:08
	460-43346-C-13 MS	e06680.d	08/13/2012 09:02
	460-43346-C-13 MSD	e06681.d	08/13/2012 09:25
WG-17338-080812-VAS1-MM205	460-43314-2	e06690.d	08/13/2012 12:55
WG-17338-080812-VAS1-MM207	460-43314-4	e06691.d	08/13/2012 13:18
WG-17338-080812-VAS3-MM208	460-43314-5	e06693.d	08/13/2012 14:05
WG-17338-080812-VAS3-MM210	460-43314-7	e06695.d	08/13/2012 14:51
WG-17338-080812-VAS3-MM209	460-43314-6	e06696.d	08/13/2012 15:14
WG-17338-080812-VAS3-MM211	460-43314-8	e06697.d	08/13/2012 15:38

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06707.d Lab Sample ID: MB 460-123852/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS5 Date Analyzed: 08/13/2012 21:38
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 460-123852/3	e06703.d	08/13/2012 19:50
	LCSD 460-123852/4	e06704.d	08/13/2012 20:13
WG-17338-080812-VAS1-MM207 DL	460-43314-4 DL	e06719.d	08/14/2012 02:17
WG-17338-080812-VAS1-MM206	460-43314-3	e06720.d	08/14/2012 02:40

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
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.: 460-43314-1
SDG No.: _____
Lab File ID: e06550.d BFB Injection Date: 08/10/2012
Instrument ID: VOAMS5 BFB Injection Time: 07:53
Analysis Batch No.: 123484

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.2
75	30.0 - 60.0 % of mass 95	52.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.2
173	Less than 2.0 % of mass 174	0.5 (0.5) 1
174	50.0 - 120.00 % of mass 95	93.2
175	5.0 - 9.0 % of mass 174	7.5 (8.1) 1
176	95.0 - 101.0 % of mass 174	93.7 (100.5) 1
177	5.0 - 9.0 % of mass 176	5.8 (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
	CCVIS 460-123484/2	e06551.d	08/10/2012	08:32
	LCS 460-123484/3	e06552.d	08/10/2012	08:57
	MB 460-123484/4	e06555.d	08/10/2012	10:07
	460-43270-B-1 MS	e06564.d	08/10/2012	13:39
	460-43270-B-1 MSD	e06565.d	08/10/2012	14:02
WG-17338-080812-VAS1-MM 204 DL	460-43314-1 DL	e06568.d	08/10/2012	15:30
WG-17338-080812-VAS1-MM 205 DL	460-43314-2 DL	e06569.d	08/10/2012	15:54
WG-17338-080812-VAS3-MM 208 DL	460-43314-5 DL	e06572.d	08/10/2012	17:04
WG-17338-080812-VAS3-MM 209 DL	460-43314-6 DL	e06573.d	08/10/2012	17:27
WG-17338-080812-VAS3-MM 210 DL	460-43314-7 DL	e06574.d	08/10/2012	17:51
	CCV 460-123484/17	e06577.d	08/10/2012	19:01

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06578.d BFB Injection Date: 08/10/2012
Instrument ID: VOAMS5 BFB Injection Time: 20:08
Analysis Batch No.: 123597

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.8
75	30.0 - 60.0 % of mass 95	54.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	1.8 (2.0) 1
174	50.0 - 120.00 % of mass 95	88.1
175	5.0 - 9.0 % of mass 174	7.9 (9.0) 1
176	95.0 - 101.0 % of mass 174	86.4 (98.0) 1
177	5.0 - 9.0 % of mass 176	6.1 (7.0) 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 460-123597/2	e06580.d	08/10/2012	21:04
	LCS 460-123597/3	e06581.d	08/10/2012	21:28
	MB 460-123597/5	e06585.d	08/10/2012	23:22
WG-17338-080812-VAS1-MM 206 DL	460-43314-3 DL	e06591.d	08/11/2012	01:53
WG-17338-080812-VAS3-MM 211 DL	460-43314-8 DL	e06592.d	08/11/2012	02:17
WG-17338-080812-VAS3-MM 211 MS	460-43314-8 MS	e06594.d	08/11/2012	03:03
WG-17338-080812-VAS3-MM 211 MSD	460-43314-8 MSD	e06595.d	08/11/2012	03:27
TB-17338-212	460-43314-9	e06600.d	08/11/2012	05:23
WG-17338-080812-VAS1-MM 204	460-43314-1	e06601.d	08/11/2012	05:46
	CCV 460-123597/13	e06603.d	08/11/2012	06:33

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Lab File ID: e06668.d BFB Injection Date: 08/13/2012
Instrument ID: VOAMS5 BFB Injection Time: 03:54
Analysis Batch No.: 123702

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	52.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.5 (0.6) 1
174	50.0 - 120.00 % of mass 95	98.5
175	5.0 - 9.0 % of mass 174	7.8 (7.9) 1
176	95.0 - 101.0 % of mass 174	93.6 (95.0) 1
177	5.0 - 9.0 % of mass 176	6.4 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-123702/2	e06669.d	08/13/2012	04:45
	LCS 460-123702/3	e06670.d	08/13/2012	05:08
	MB 460-123702/4	e06674.d	08/13/2012	06:41
	460-43346-C-13 MS	e06680.d	08/13/2012	09:02
	460-43346-C-13 MSD	e06681.d	08/13/2012	09:25
WG-17338-080812-VAS1-MM 205	460-43314-2	e06690.d	08/13/2012	12:55
WG-17338-080812-VAS1-MM 207	460-43314-4	e06691.d	08/13/2012	13:18
WG-17338-080812-VAS3-MM 208	460-43314-5	e06693.d	08/13/2012	14:05
WG-17338-080812-VAS3-MM 210	460-43314-7	e06695.d	08/13/2012	14:51
WG-17338-080812-VAS3-MM 209	460-43314-6	e06696.d	08/13/2012	15:14
WG-17338-080812-VAS3-MM 211	460-43314-8	e06697.d	08/13/2012	15:38
	CCV 460-123702/18	e06699.d	08/13/2012	16:25

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab File ID: e06700.d BFB Injection Date: 08/13/2012
 Instrument ID: VOAMS5 BFB Injection Time: 18:23
 Analysis Batch No.: 123852

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.6
75	30.0 - 60.0 % of mass 95	49.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.5
173	Less than 2.0 % of mass 174	1.3 (1.6) 1
174	50.0 - 120.00 % of mass 95	81.1
175	5.0 - 9.0 % of mass 174	7.1 (8.8) 1
176	95.0 - 101.0 % of mass 174	81.5 (100.6) 1
177	5.0 - 9.0 % of mass 176	6.3 (7.7) 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 460-123852/2	e06702.d	08/13/2012	19:08
	LCS 460-123852/3	e06703.d	08/13/2012	19:50
	LCSD 460-123852/4	e06704.d	08/13/2012	20:13
	MB 460-123852/5	e06707.d	08/13/2012	21:38
WG-17338-080812-VAS1-MM 207 DL	460-43314-4 DL	e06719.d	08/14/2012	02:17
WG-17338-080812-VAS1-MM 206	460-43314-3	e06720.d	08/14/2012	02:40
	CCV 460-123852/9	e06725.d	08/14/2012	04:43

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Sample No.: CCVIS 460-123484/2 Date Analyzed: 08/10/2012 08:32
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06551.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		769175	3.60	659446	6.95	415041	10.47
UPPER LIMIT		1538350	4.10	1318892	7.45	830082	10.97
LOWER LIMIT		384588	3.10	329723	6.45	207521	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123484/3		785257	3.60	695914	6.95	425065	10.47
MB 460-123484/4		740726	3.60	653815	6.95	399902	10.47
460-43270-B-1 MS		802830	3.60	696432	6.95	441045	10.47
460-43270-B-1 MSD		869255	3.60	736854	6.95	460591	10.47
460-43314-1 DL	WG-17338-080812-VAS1-MM204 DL	875243	3.59	731430	6.95	452131	10.47
460-43314-2 DL	WG-17338-080812-VAS1-MM205 DL	843307	3.60	718903	6.95	447032	10.47
460-43314-5 DL	WG-17338-080812-VAS3-MM208 DL	861516	3.59	725850	6.95	457864	10.47
460-43314-6 DL	WG-17338-080812-VAS3-MM209 DL	853214	3.60	726001	6.95	456140	10.47
460-43314-7 DL	WG-17338-080812-VAS3-MM210 DL	855873	3.59	729839	6.95	452724	10.47
CCV 460-123484/17		920479	3.60	775808	6.95	474199	10.47

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Sample No.: CCVIS 460-123597/2 Date Analyzed: 08/10/2012 21:04
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06580.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		911995	3.59	771956	6.95	473447	10.47
UPPER LIMIT		1823990	4.09	1543912	7.45	946894	10.97
LOWER LIMIT		455998	3.09	385978	6.45	236724	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123597/3		864742	3.59	748163	6.95	473660	10.47
MB 460-123597/5		836527	3.59	719573	6.95	452677	10.47
460-43314-3 DL	WG-17338-080812-VAS1-MM206 DL	915070	3.60	777510	6.95	476224	10.47
460-43314-8 DL	WG-17338-080812-VAS3-MM211 DL	903857	3.60	758861	6.95	463479	10.47
460-43314-8 MS	WG-17338-080812-VAS3-MM211 MS	876405	3.60	749012	6.95	465428	10.47
460-43314-8 MSD	WG-17338-080812-VAS3-MM211 MSD	899407	3.59	764891	6.95	469025	10.47
460-43314-9	TB-17338-212	825222	3.60	706351	6.95	443226	10.47
460-43314-1	WG-17338-080812-VAS1-MM204	878781	3.60	729404	6.95	452767	10.47
CCV 460-123597/13		832152	3.59	718399	6.95	451217	10.47

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Sample No.: CCVIS 460-123702/2 Date Analyzed: 08/13/2012 04:45
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06669.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		725479	3.59	642344	6.95	405040	10.47
UPPER LIMIT		1450958	4.09	1284688	7.45	810080	10.97
LOWER LIMIT		362740	3.09	321172	6.45	202520	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123702/3		750546	3.59	647666	6.95	404851	10.47
MB 460-123702/4		696291	3.59	605860	6.95	378247	10.47
460-43346-C-13 MS		705483	3.59	619664	6.95	393600	10.47
460-43346-C-13 MSD		693396	3.59	607390	6.95	383474	10.47
460-43314-2	WG-17338-080812-VAS1-MM205	724012	3.60	638746	6.95	405456	10.47
460-43314-4	WG-17338-080812-VAS1-MM207	762706	3.60	671540	6.95	421723	10.47
460-43314-5	WG-17338-080812-VAS3-MM208	806081	3.60	675818	6.95	419721	10.47
460-43314-7	WG-17338-080812-VAS3-MM210	828767	3.60	684989	6.96	418141	10.47
460-43314-6	WG-17338-080812-VAS3-MM209	808117	3.59	733652	6.96	430284	10.47
460-43314-8	WG-17338-080812-VAS3-MM211	871855	3.60	701701	6.95	430855	10.47
CCV 460-123702/18		813256	3.60	709051	6.95	438199	10.47

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Sample No.: CCVIS 460-123852/2 Date Analyzed: 08/13/2012 19:08
 Instrument ID: VOAMS5 GC Column: Rtx-VMS ID: 0.18 (mm)
 Lab File ID (Standard): e06702.d Heated Purge: (Y/N) N
 Calibration ID: 16560

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		758379	3.59	668081	6.95	422526	10.47
UPPER LIMIT		1516758	4.09	1336162	7.45	845052	10.97
LOWER LIMIT		379190	3.09	334041	6.45	211263	9.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-123852/3		767107	3.60	674198	6.95	424864	10.47
LCSD 460-123852/4		746576	3.60	656718	6.95	417735	10.47
MB 460-123852/5		714208	3.60	627674	6.95	398472	10.47
460-43314-4 DL	WG-17338-080812-VAS1-MM207 DL	759822	3.60	658084	6.95	411670	10.47
460-43314-3	WG-17338-080812-VAS1-MM206	756227	3.59	661033	6.95	417228	10.47
CCV 460-123852/9		741319	3.60	673865	6.95	410673	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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-1
 Matrix: Water Lab File ID: e06601.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:46
 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.: 123597 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	3.7		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	0.47	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	8.8		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	540	E	1.0	0.10
110-82-7	Cyclohexane	210		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	25		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	120		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	420		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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-1
 Matrix: Water Lab File ID: e06601.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:46
 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.: 123597 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	0.22	J	1.0	0.11
1330-20-7	Xylenes, Total	690		3.0	0.36
100-42-5	Styrene	12		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	37		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	0.65	J	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.1		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)	95		70-130
460-00-4	4-Bromofluorobenzene	92		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-1
 Matrix: Water Lab File ID: e06601.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:46
 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.: 123597 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 1770

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C5H12 Alkane	1.21	180	J
109-66-0	Pentane	1.31	140	J N
	C5H10 Alkene	1.46	140	J
	C6H14 Alkane	1.74	200	J
	C6H12 Cycloalkane	2.36	140	J
	Ethylmethylbenzene isomer	9.17	220	J
	Trimethylbenzene isomer	9.33	110	J
	Trimethylbenzene isomer-1	9.94	310	J
	Trimethylbenzene isomer-2	10.61	170	J
496-11-7	Indane	10.78	160	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06601.d
 Report Date: 13-Aug-2012 15:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06601.d
 Lab Smp Id: 460-43314-C-1 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 11-AUG-2012 05:46
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-1
 Misc Info : 460-43314-C-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 23
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
18 Carbon Disulfide	76	1.571	1.565	(0.436)	3948		0.46525	0.46(aH)
38 2-Butanone	72	3.071	3.071	(0.853)	5623		8.77919	8.8
44 Cyclohexane	56	2.790	2.778	(0.775)	1112804		208.365	210
48 Benzene	78	3.260	3.254	(0.469)	366655		25.0111	25
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.934)	241913		47.3512	47
* 52 Fluorobenzene	96	3.601	3.595	(1.000)	878781		50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.036)	667201		120.255	120
\$ 65 Toluene-d8 (SUR)	98	5.113	5.107	(0.735)	749763		44.9584	45
66 Toluene	91	5.168	5.162	(0.743)	7577339		422.434	420
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	729404		50.0000	
79 Chlorobenzene	112	6.978	6.972	(1.004)	2855		0.22478	0.22(a)
81 Ethylbenzene	106	7.082	7.064	(1.018)	3587710		541.444	540(A)
82 m+p-Xylene	106	7.295	7.277	(1.049)	5419724		637.513	640
84 o-Xylene	106	7.862	7.862	(1.131)	430484		51.7878	52
85 Styrene	104	7.948	7.942	(1.143)	167717		11.7154	12
88 Isopropylbenzene	105	8.350	8.350	(1.201)	832544		37.1128	37

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06601.d
 Report Date: 13-Aug-2012 15:48

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	355439	45.9005	46
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	7842	0.64606	0.65(a)
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	452767	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	14319	1.14864	1.1
111 1,2-Dichlorobenzene	146	11.155	11.154	(1.066)	41967	3.66604	3.7
M 121 Xylene (Total)	100				5850208	689.301	690

QC Flag Legend

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

Data File: e06601.d

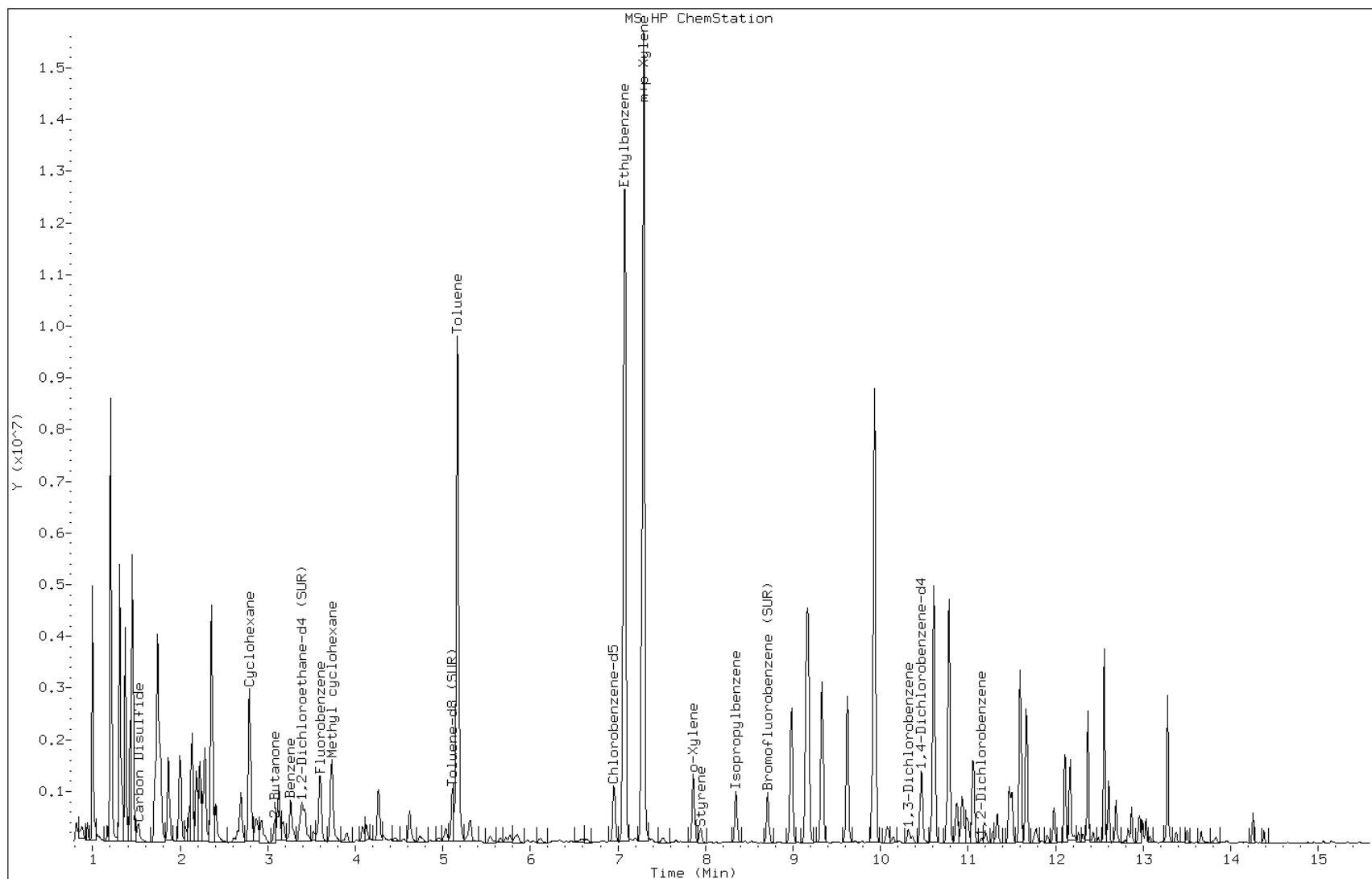
Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5



Data File: e06601.d

Date: 11-AUG-2012 05:46

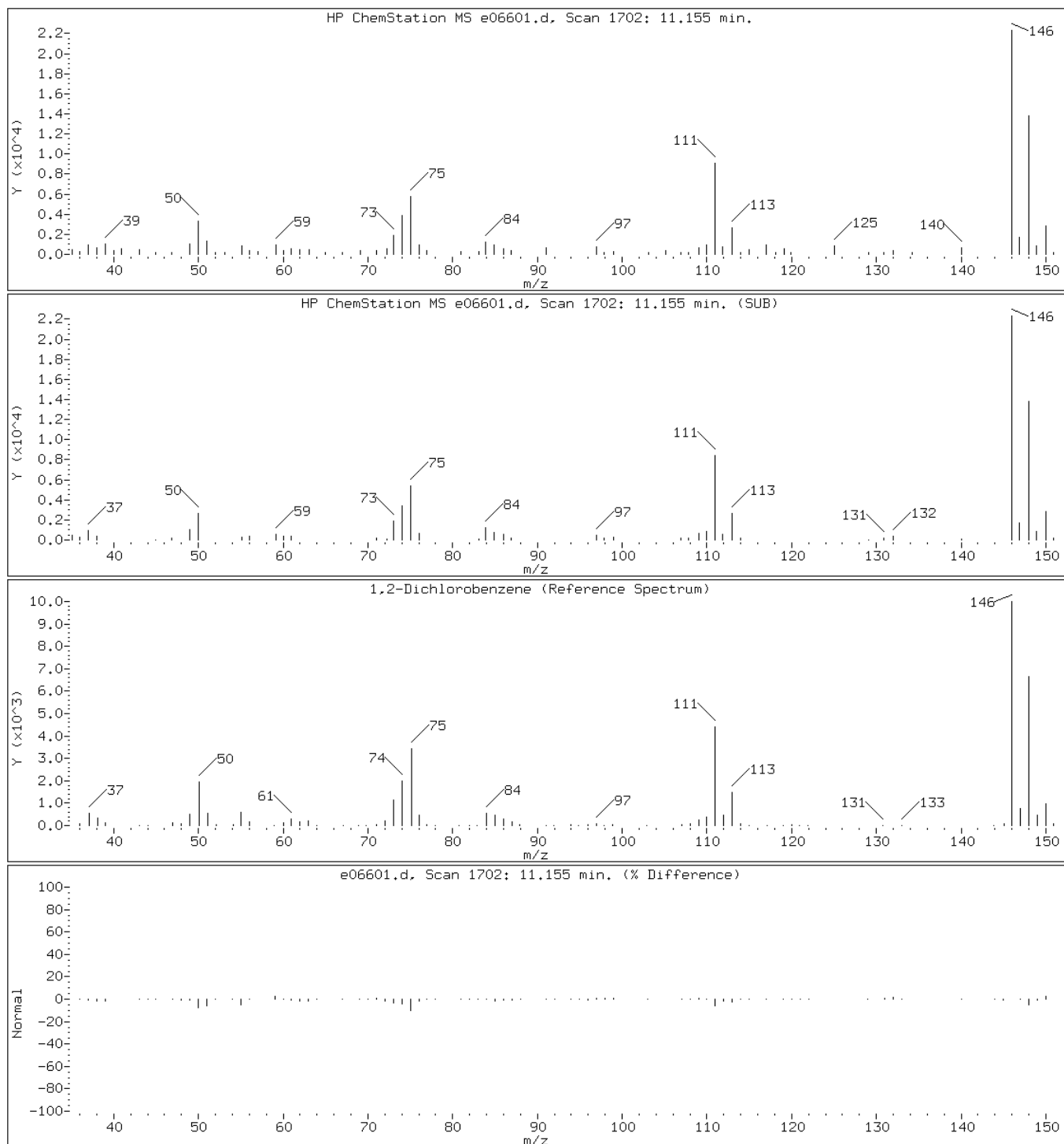
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

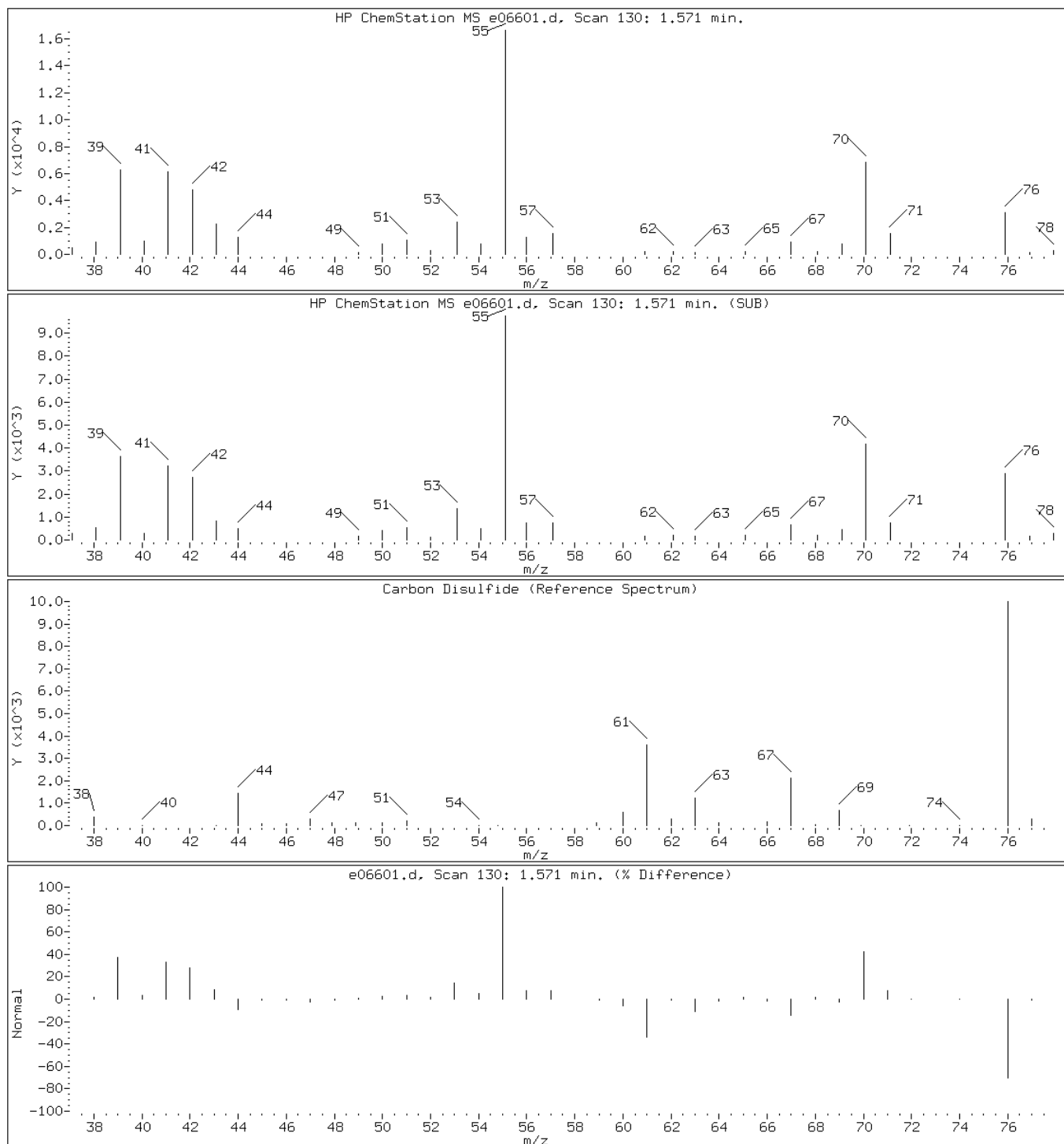
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

18 Carbon Disulfide



Data File: e06601.d

Date: 11-AUG-2012 05:46

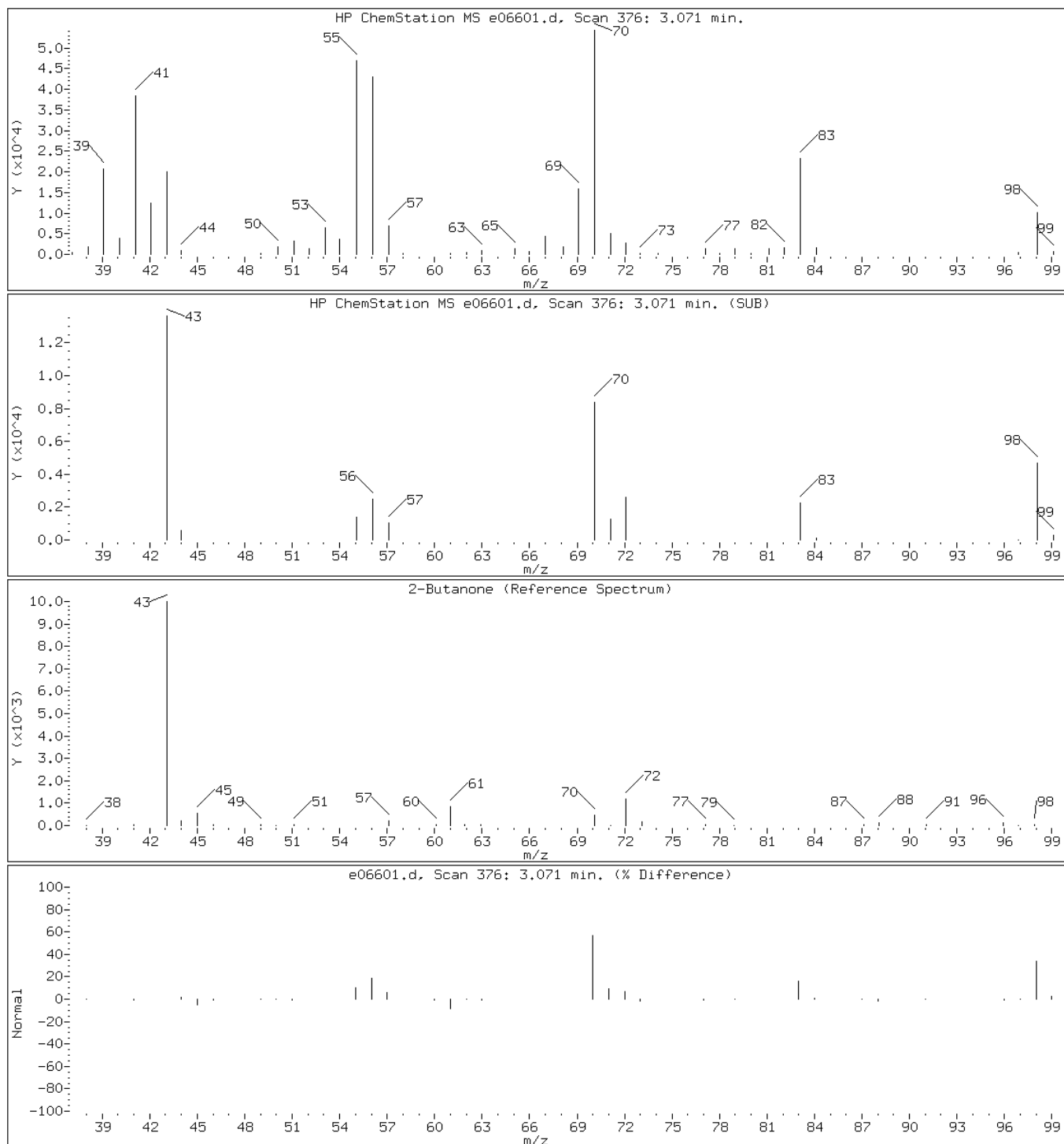
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06601.d

Date: 11-AUG-2012 05:46

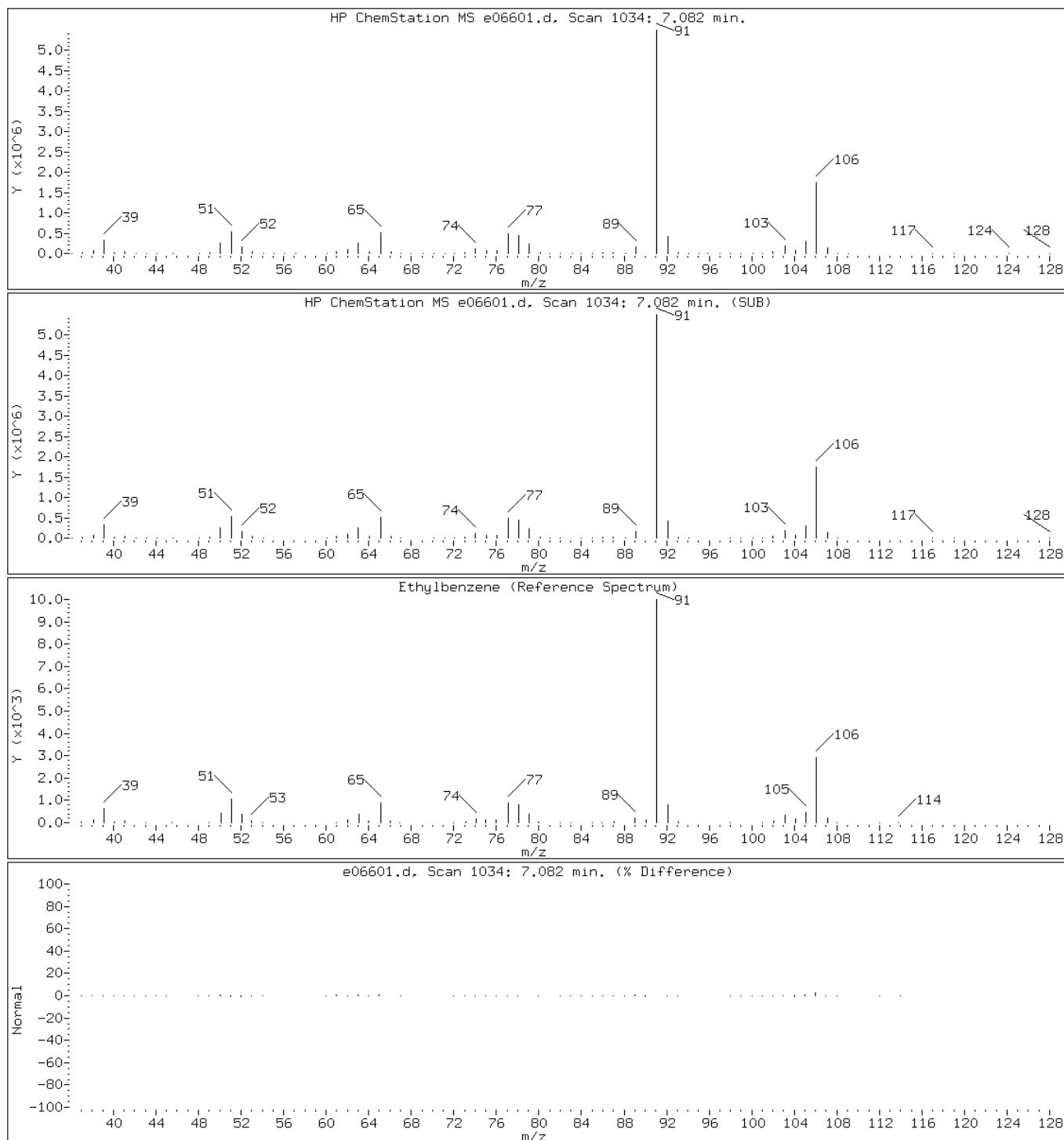
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

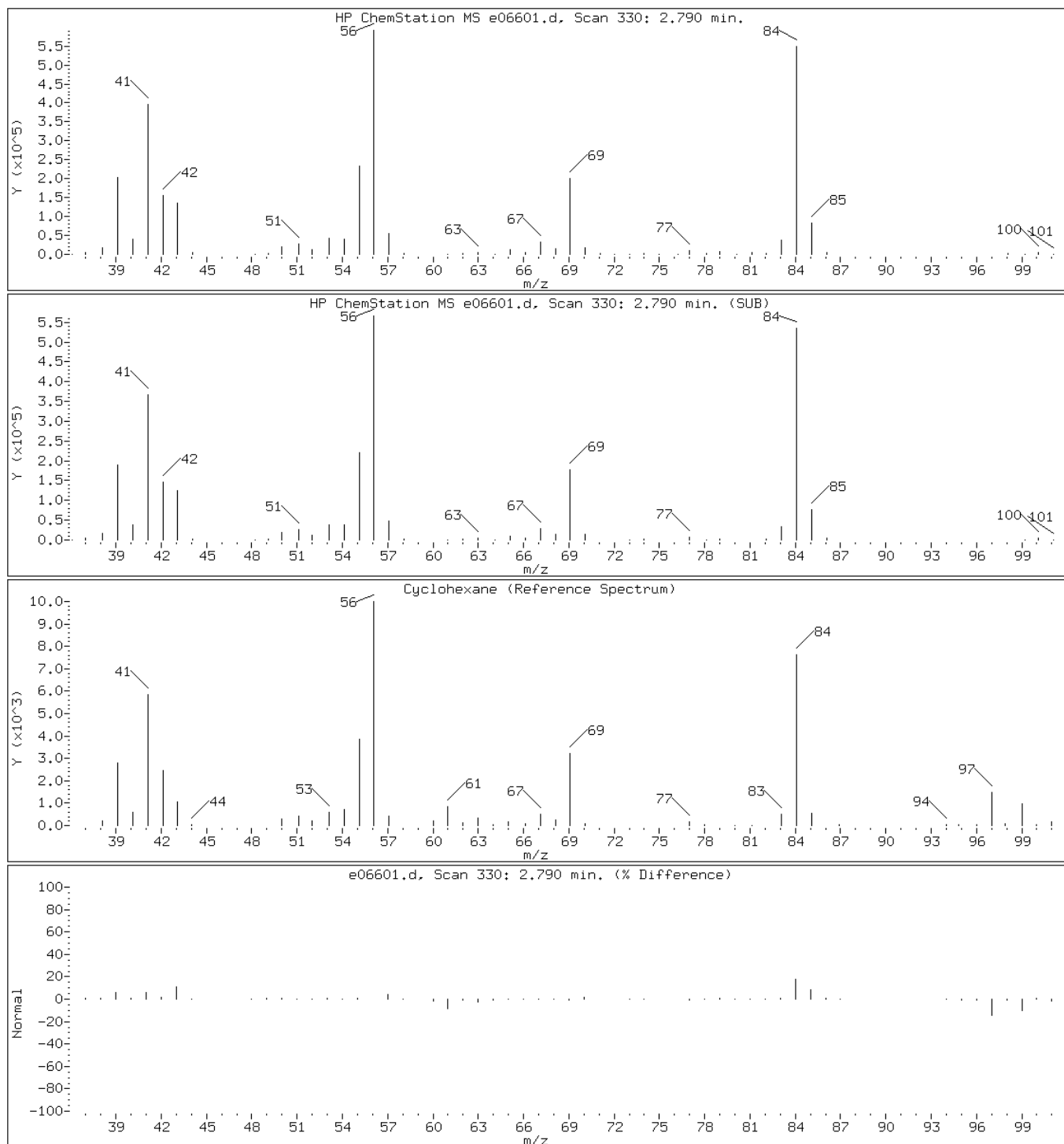
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06601.d

Date: 11-AUG-2012 05:46

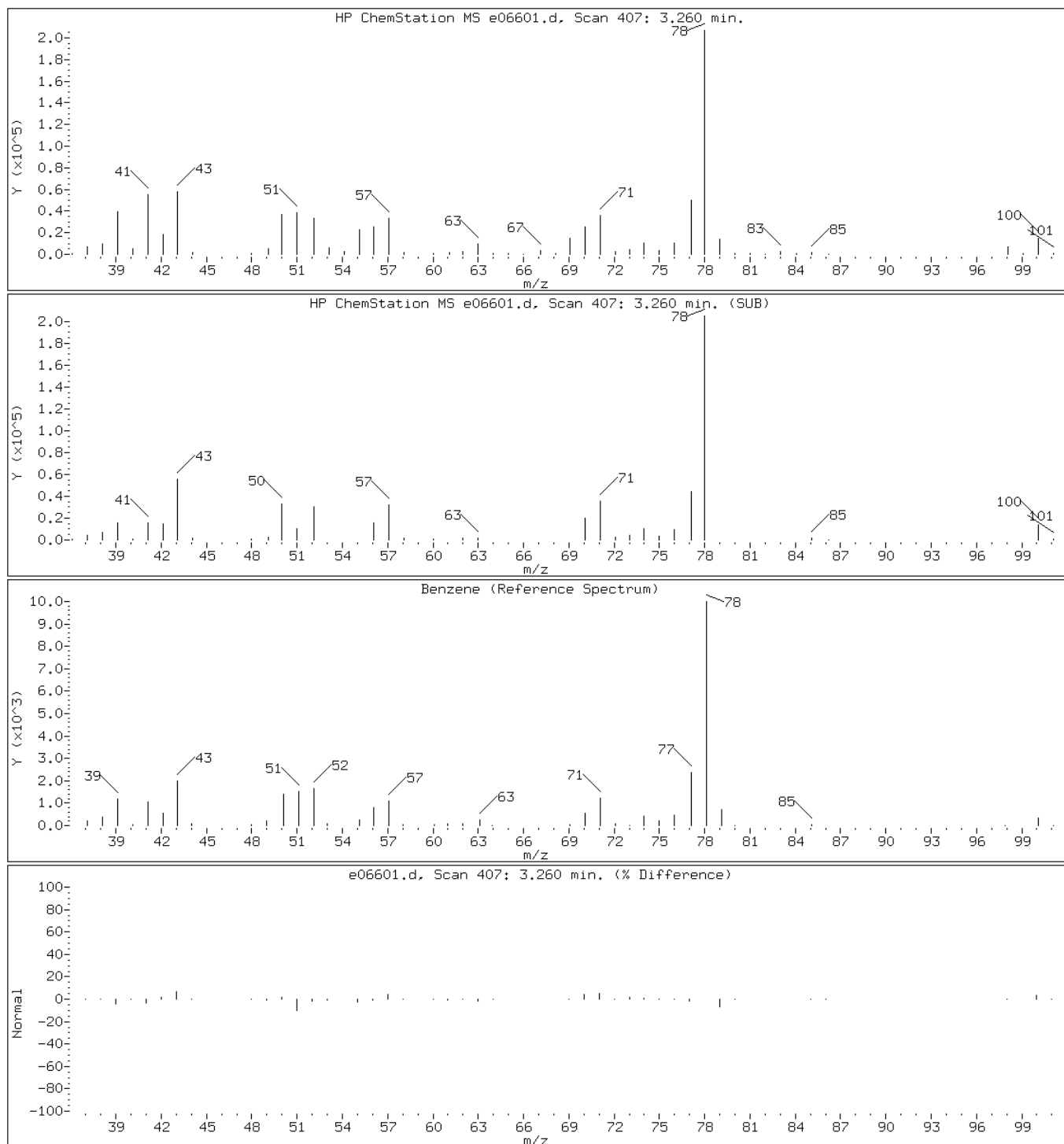
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

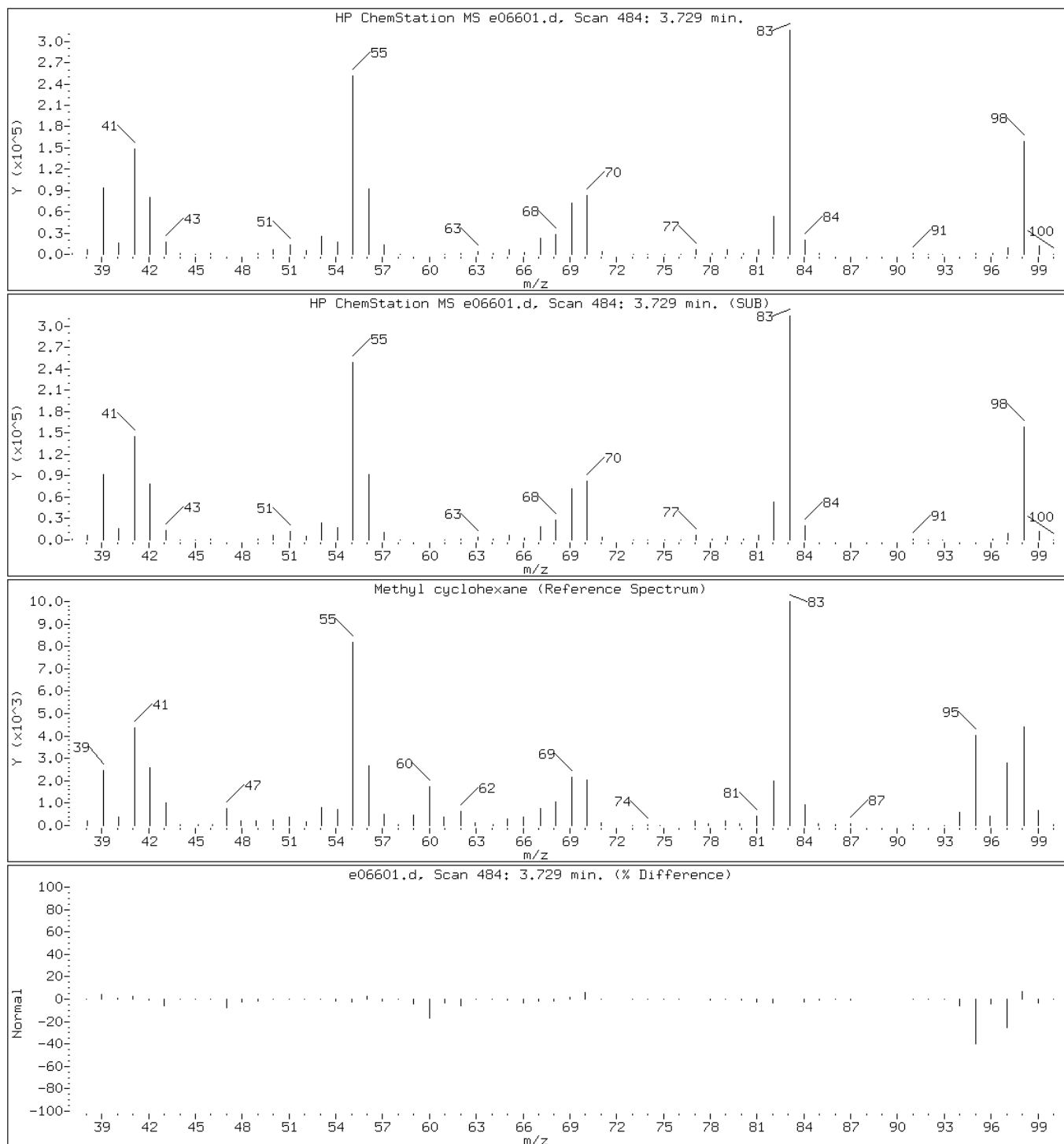
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06601.d

Date: 11-AUG-2012 05:46

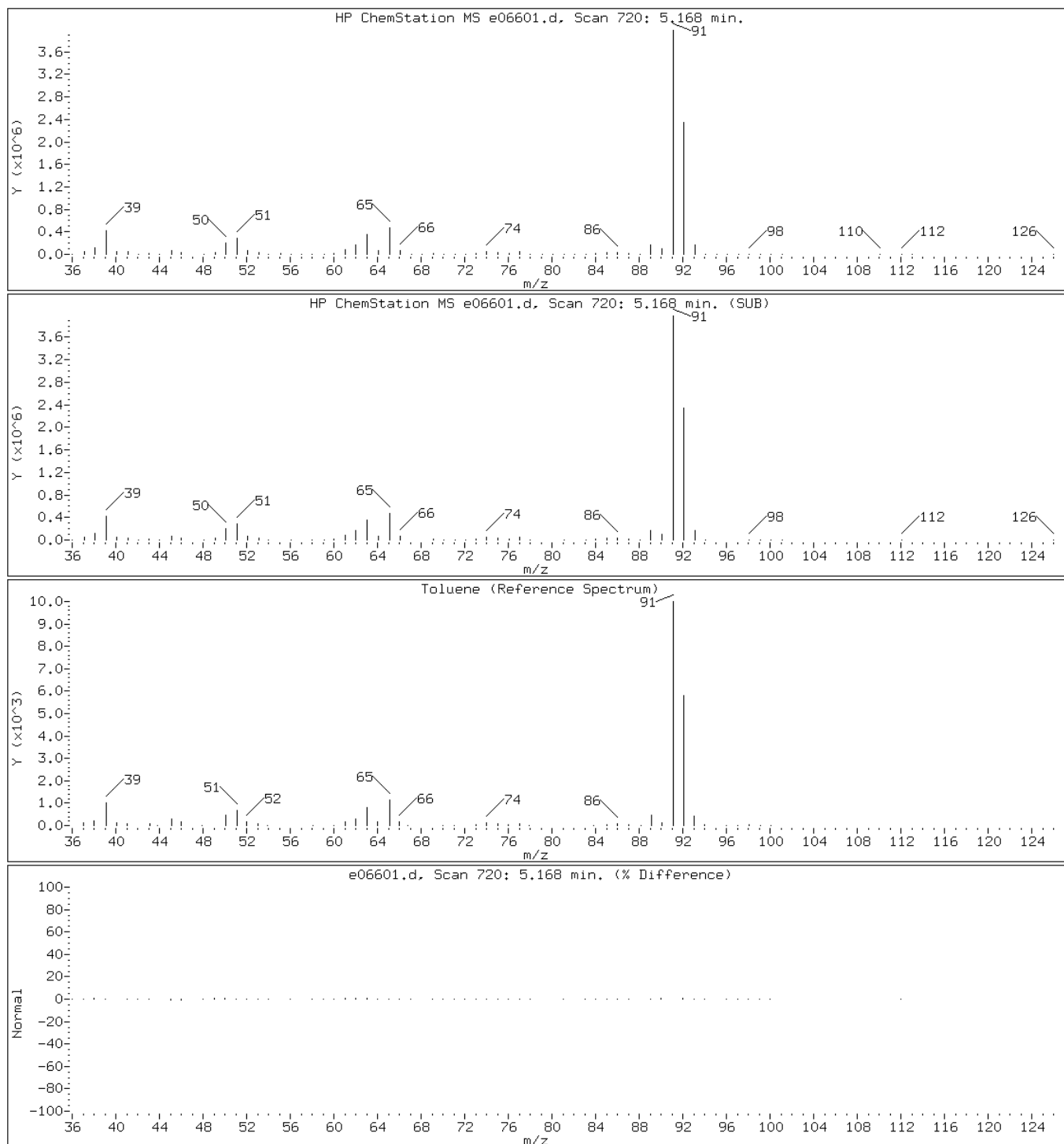
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06601.d

Date: 11-AUG-2012 05:46

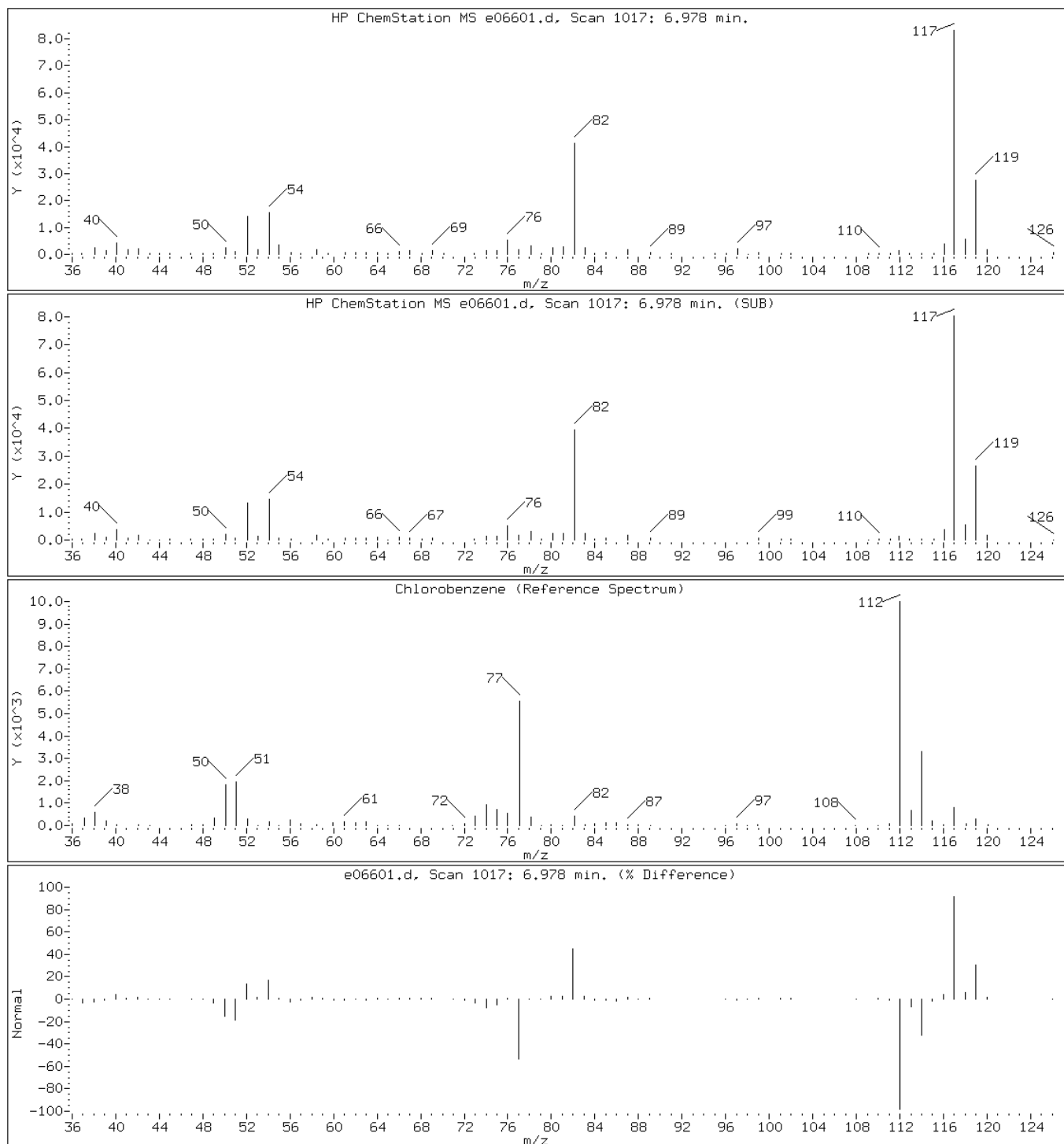
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

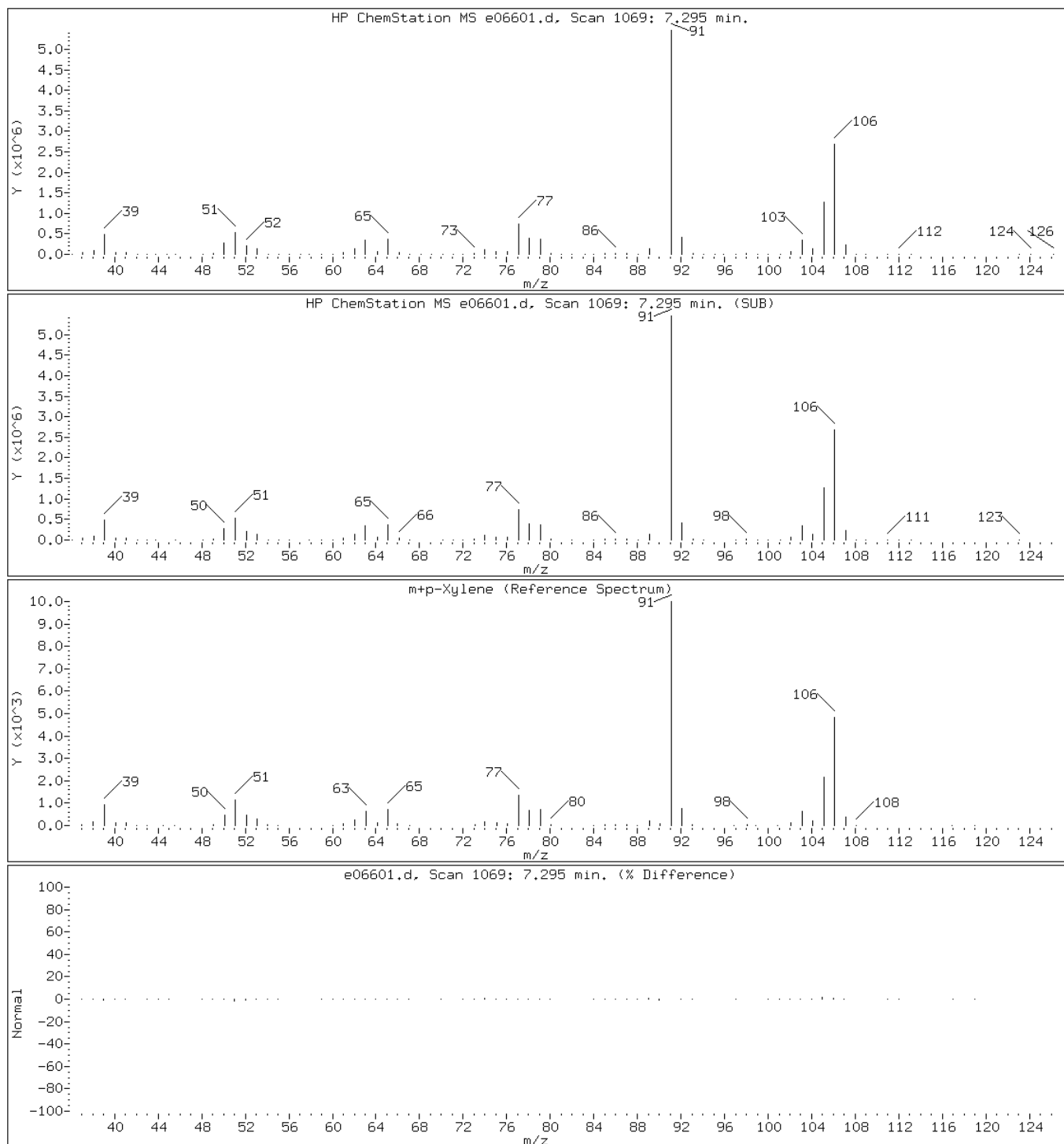
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06601.d

Date: 11-AUG-2012 05:46

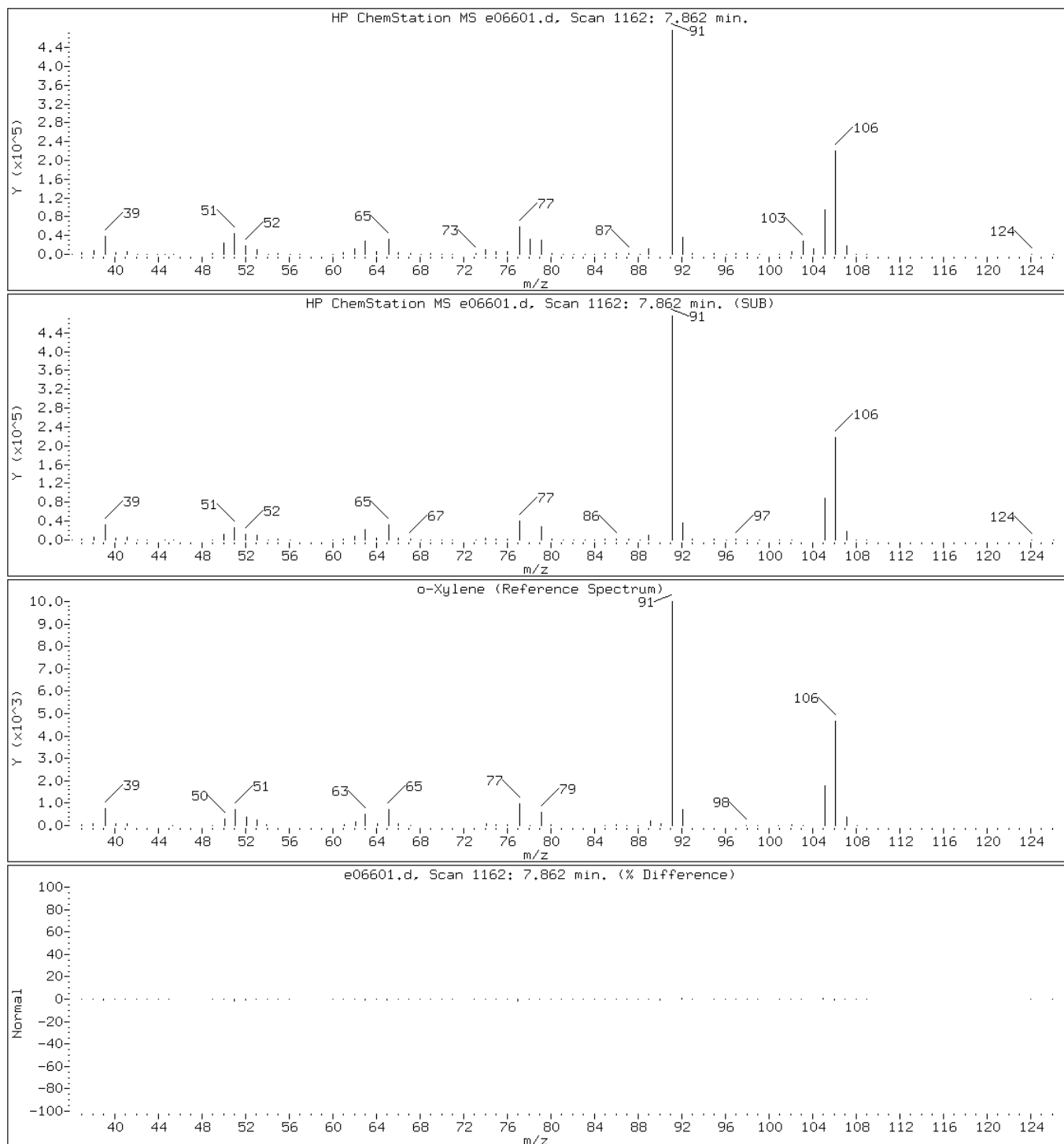
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06601.d

Date: 11-AUG-2012 05:46

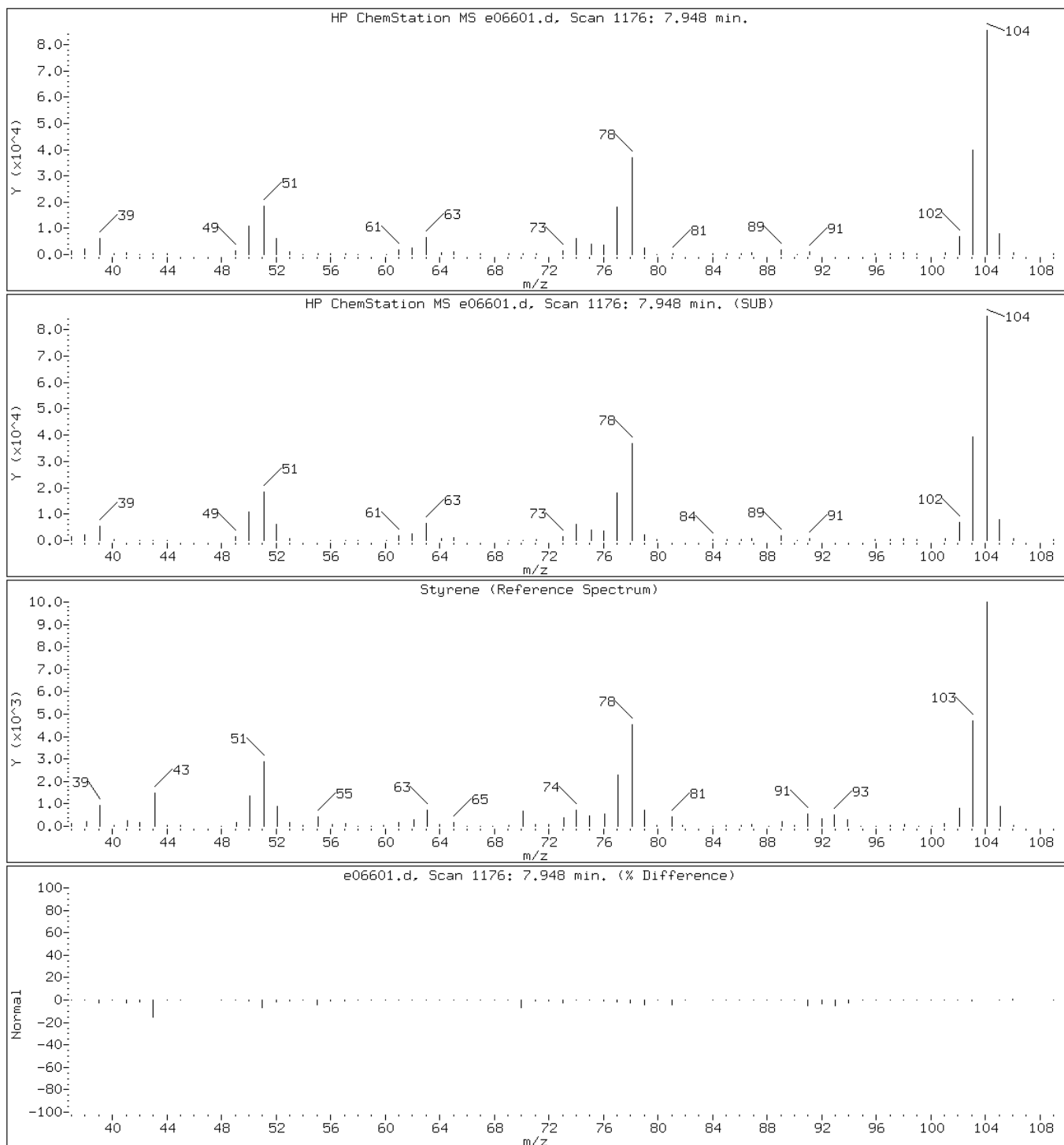
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06601.d

Date: 11-AUG-2012 05:46

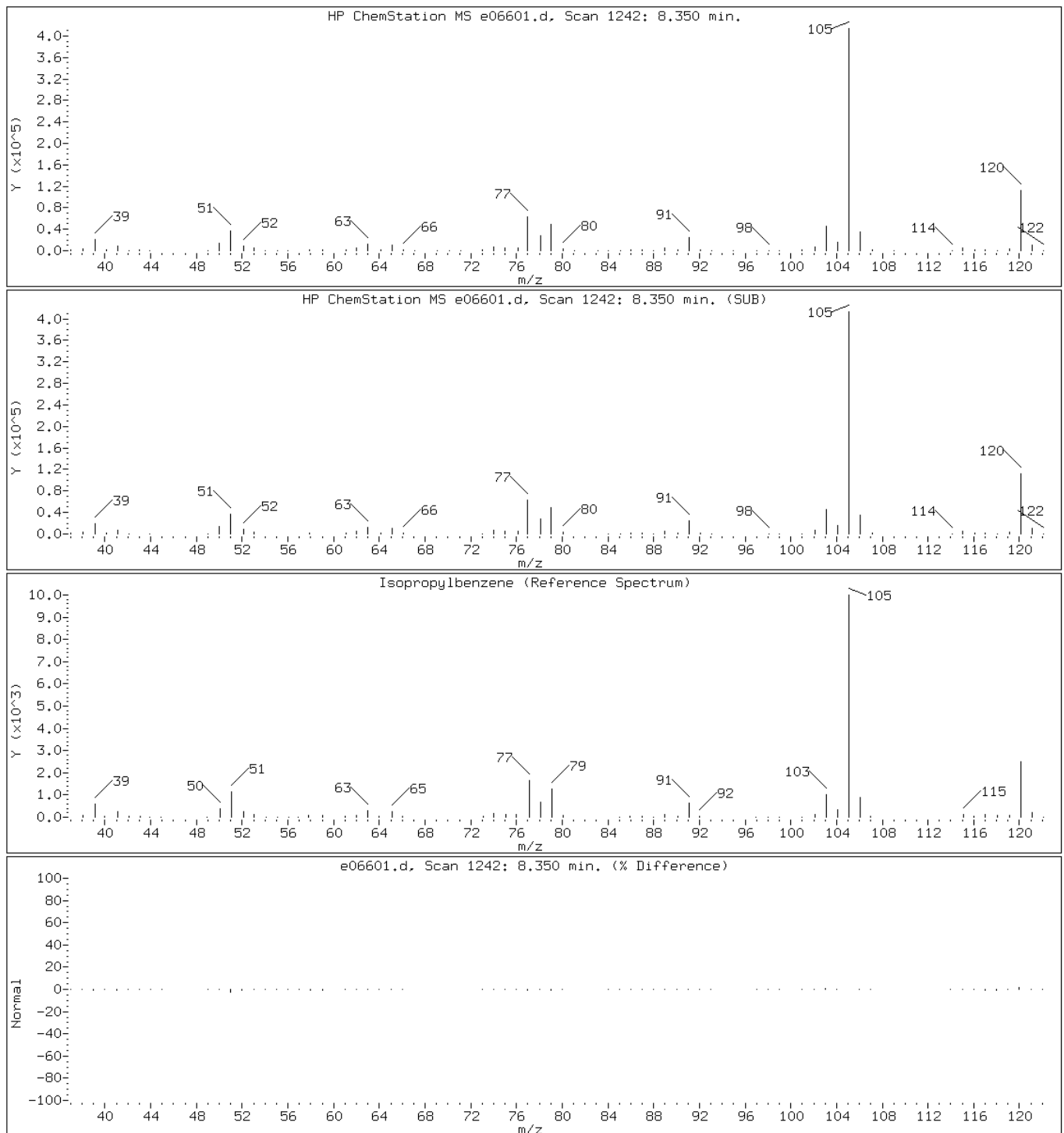
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

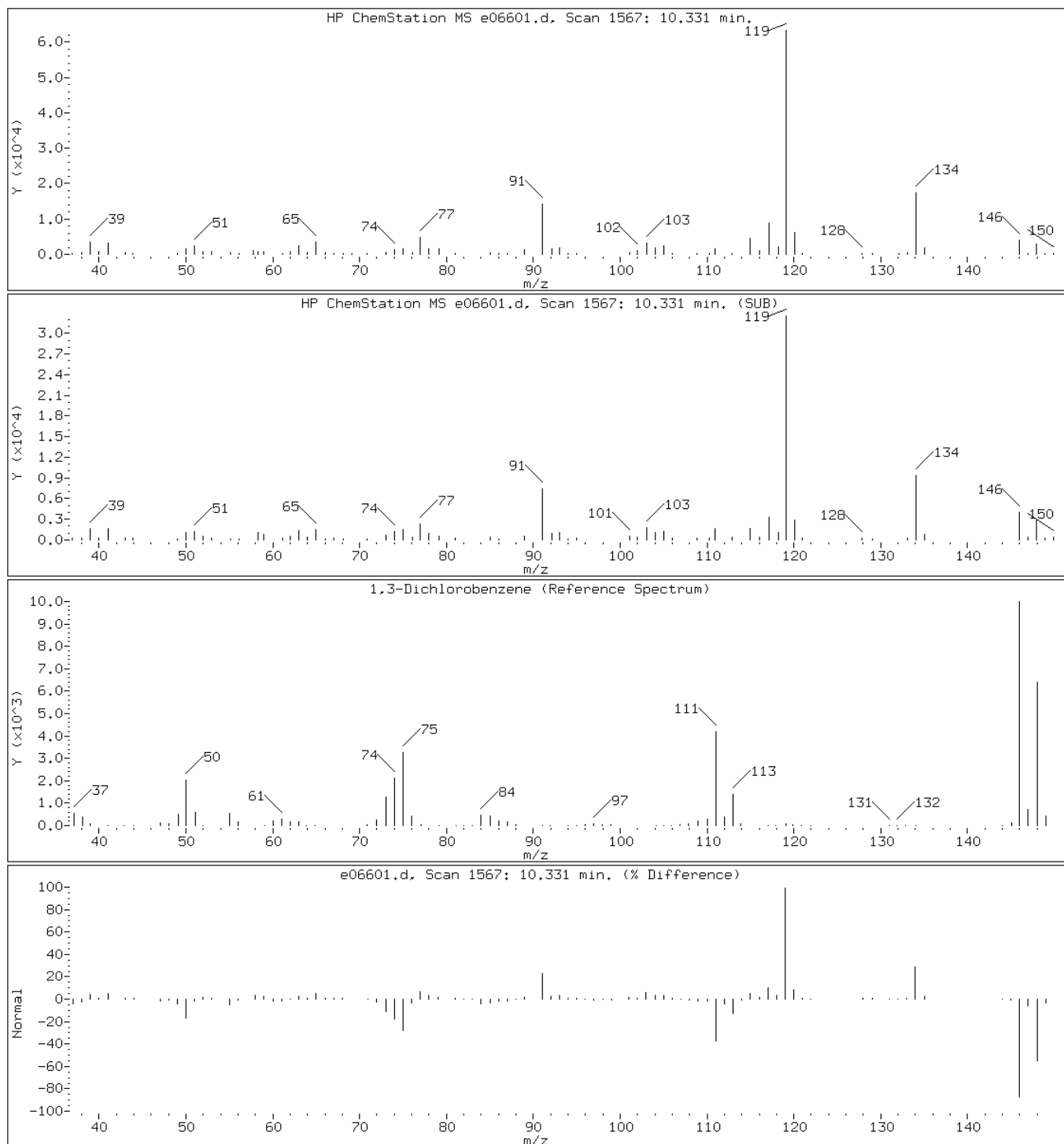
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

105 1,3-Dichlorobenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

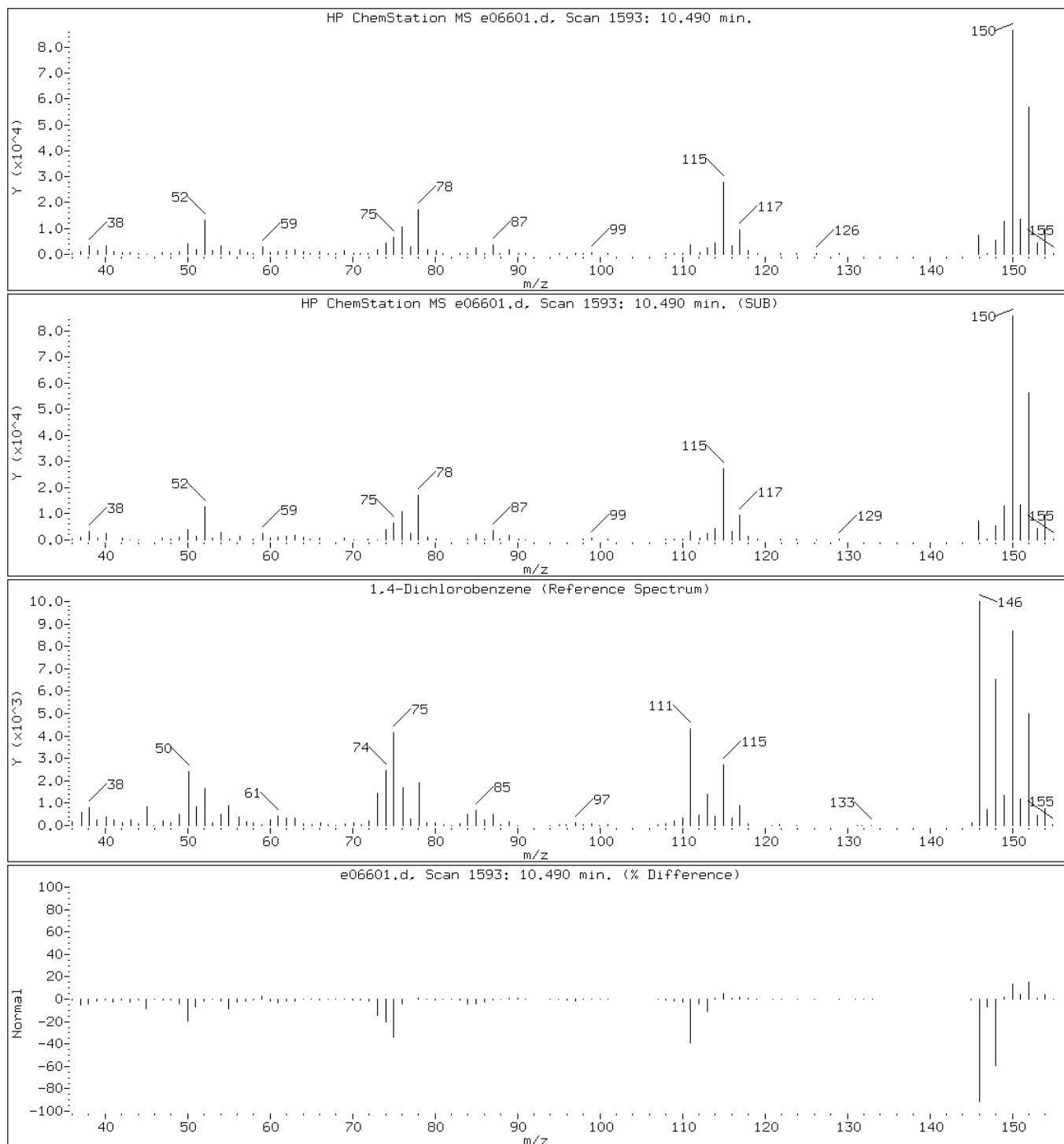
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

109 1,4-Dichlorobenzene



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

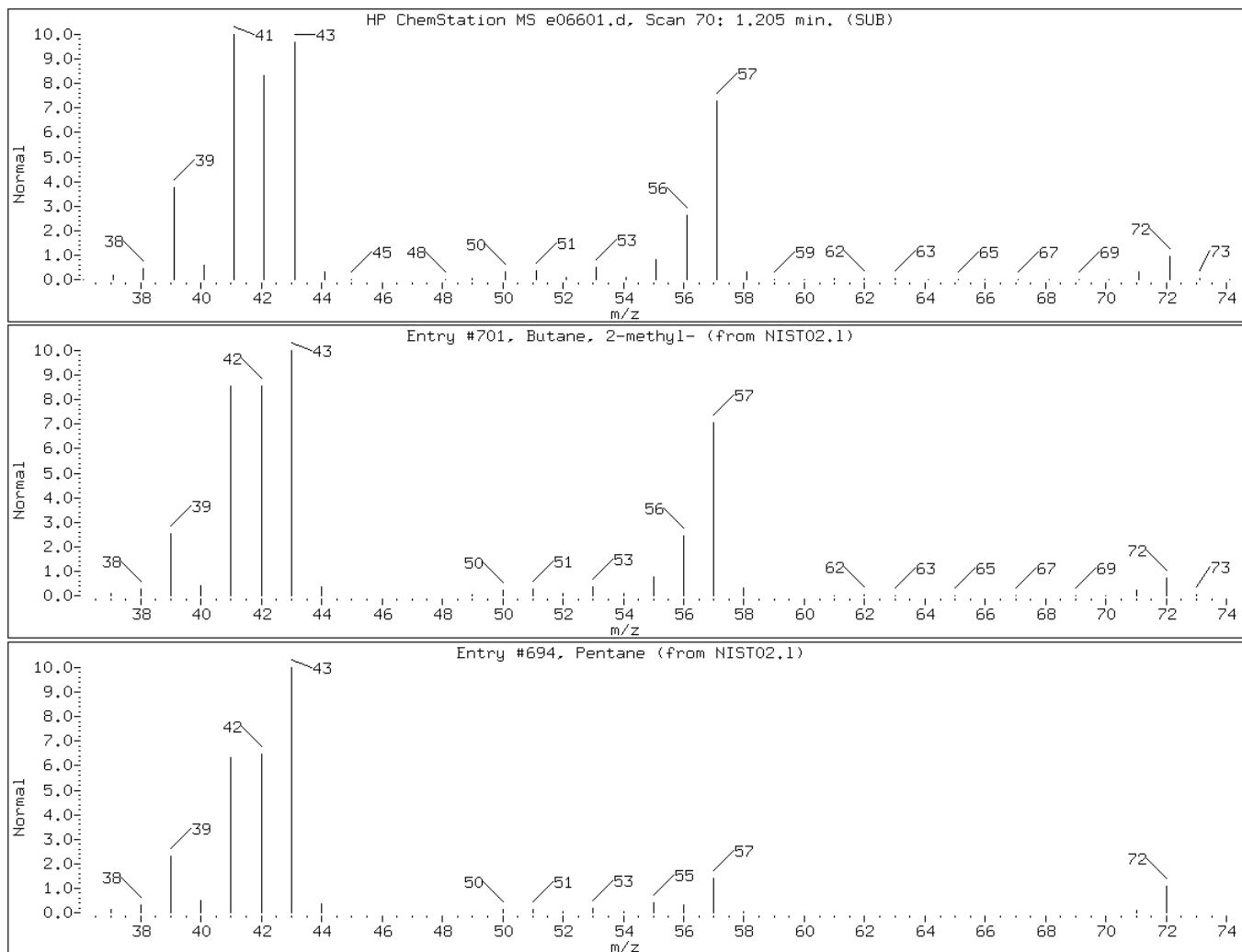
Instrument: VOAMS5.i

Sample Info: 460-43314-C-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	91	C5H12	72
Pentane	109-66-0	NIST02.1	694	59	C5H12	72



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

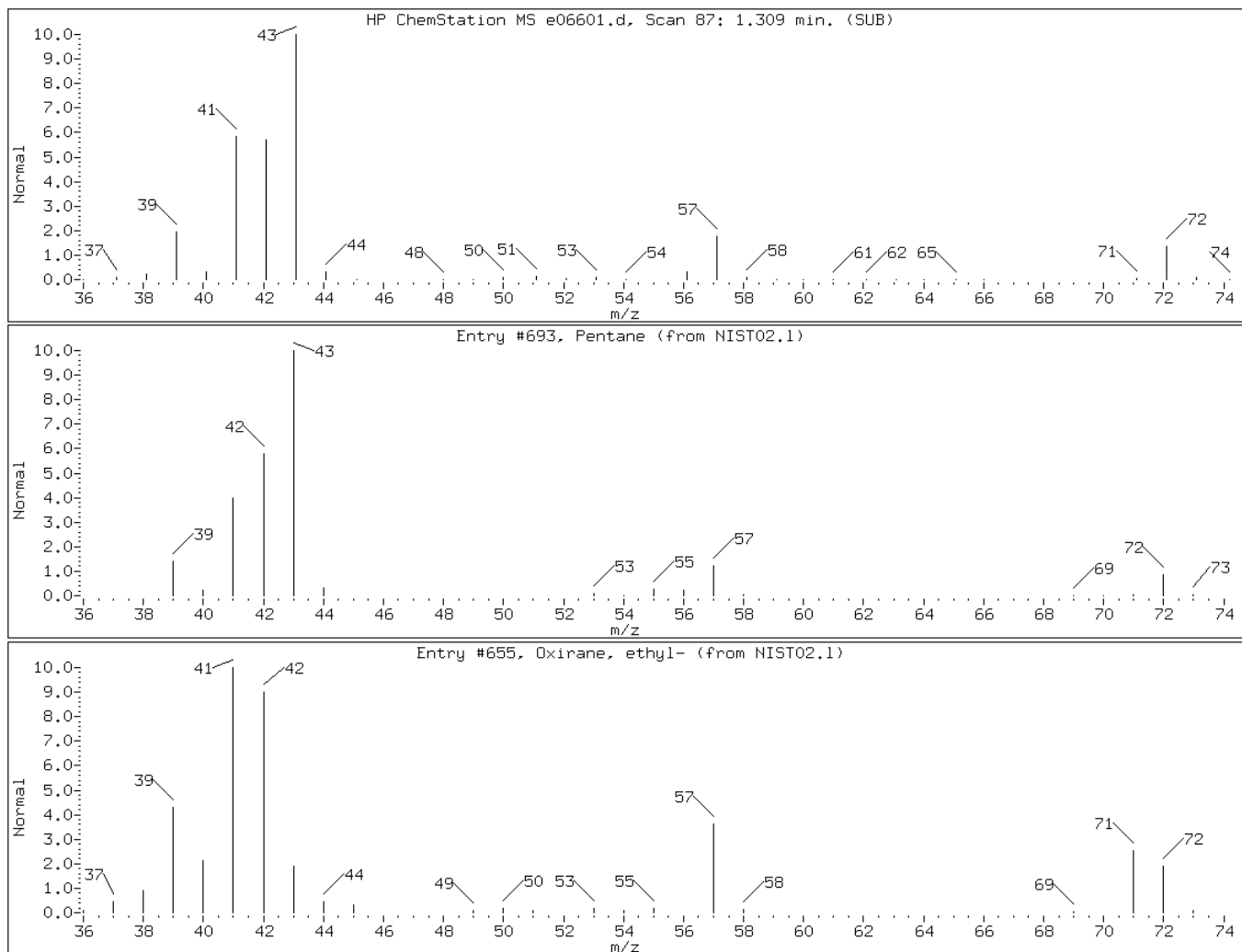
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 1.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentane	109-66-0	NIST02.1	693	86	C5H12	72
Oxirane, ethyl-	106-88-7	NIST02.1	655	53	C4H8O	72



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

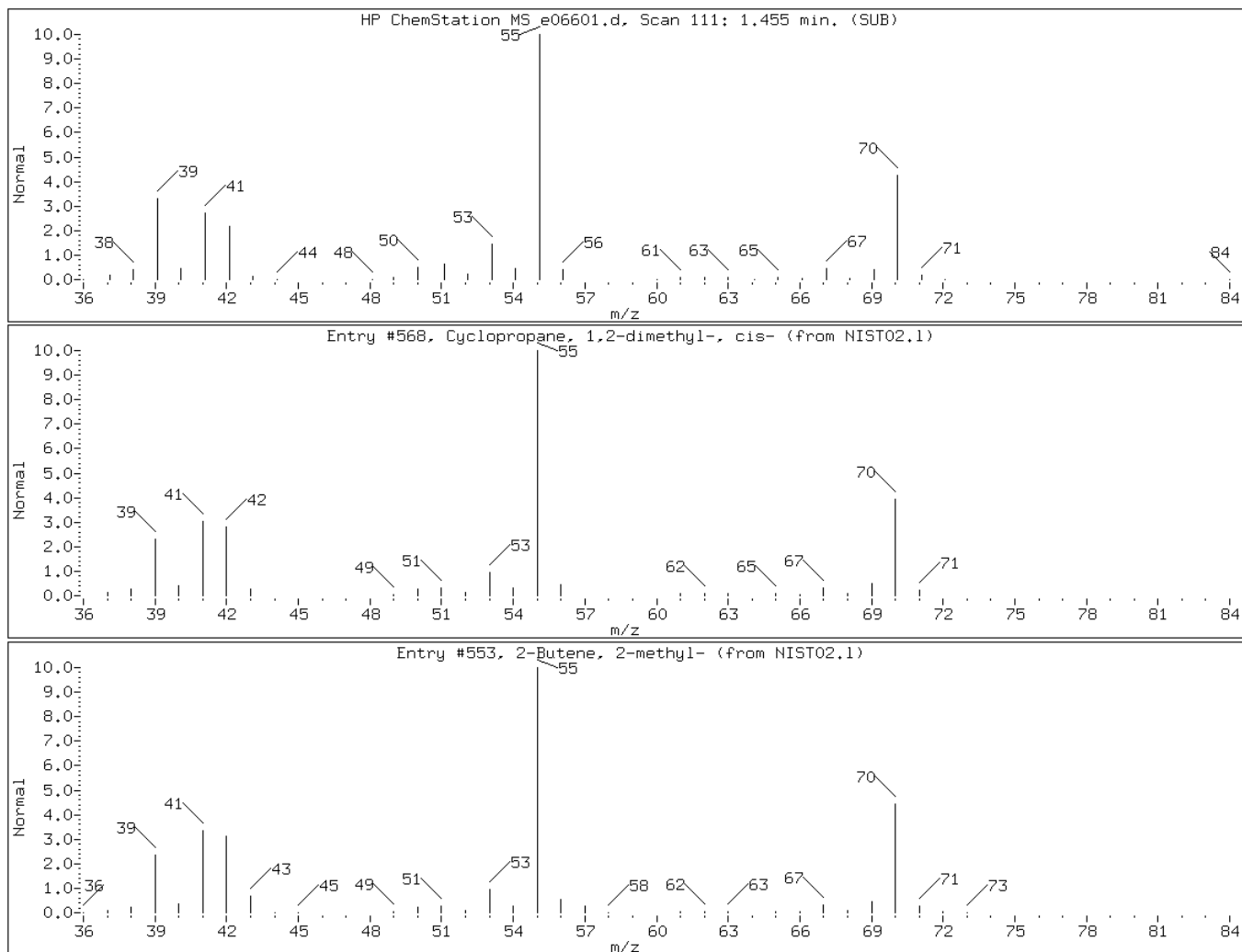
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 1.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	91	C5H10	70
2-Butene, 2-methyl-	513-35-9	NIST02.1	553	90	C5H10	70



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

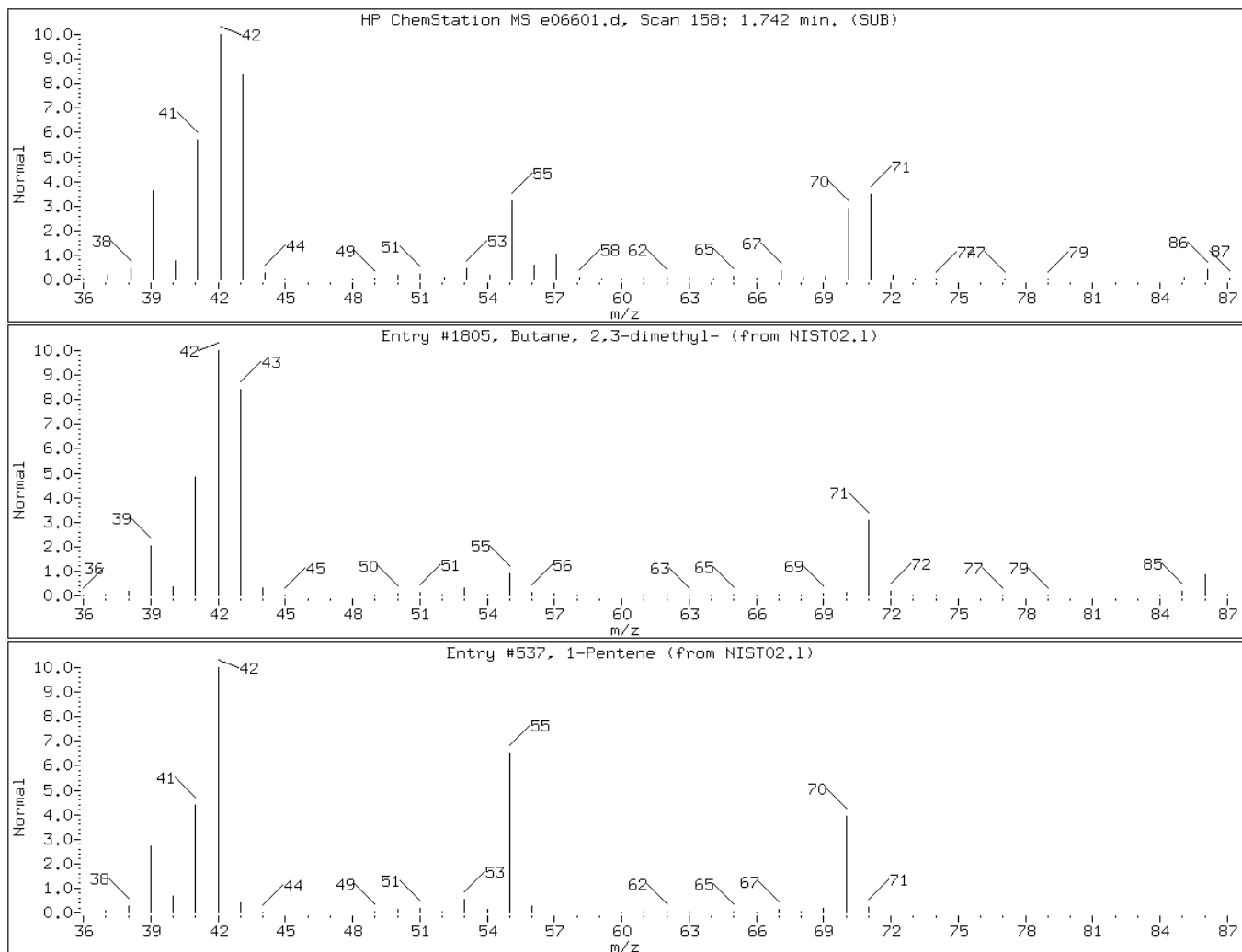
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

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: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

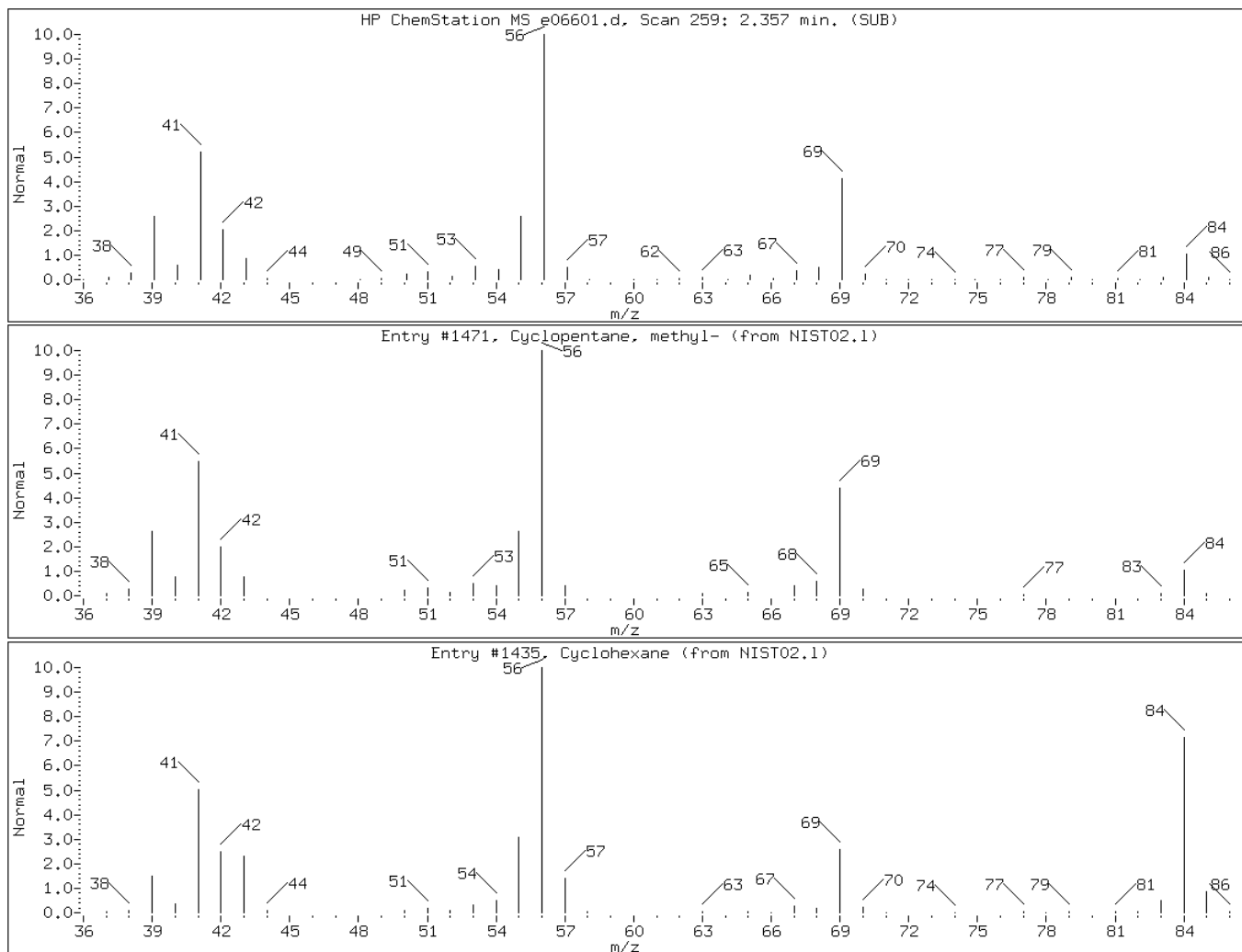
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 2.36

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



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

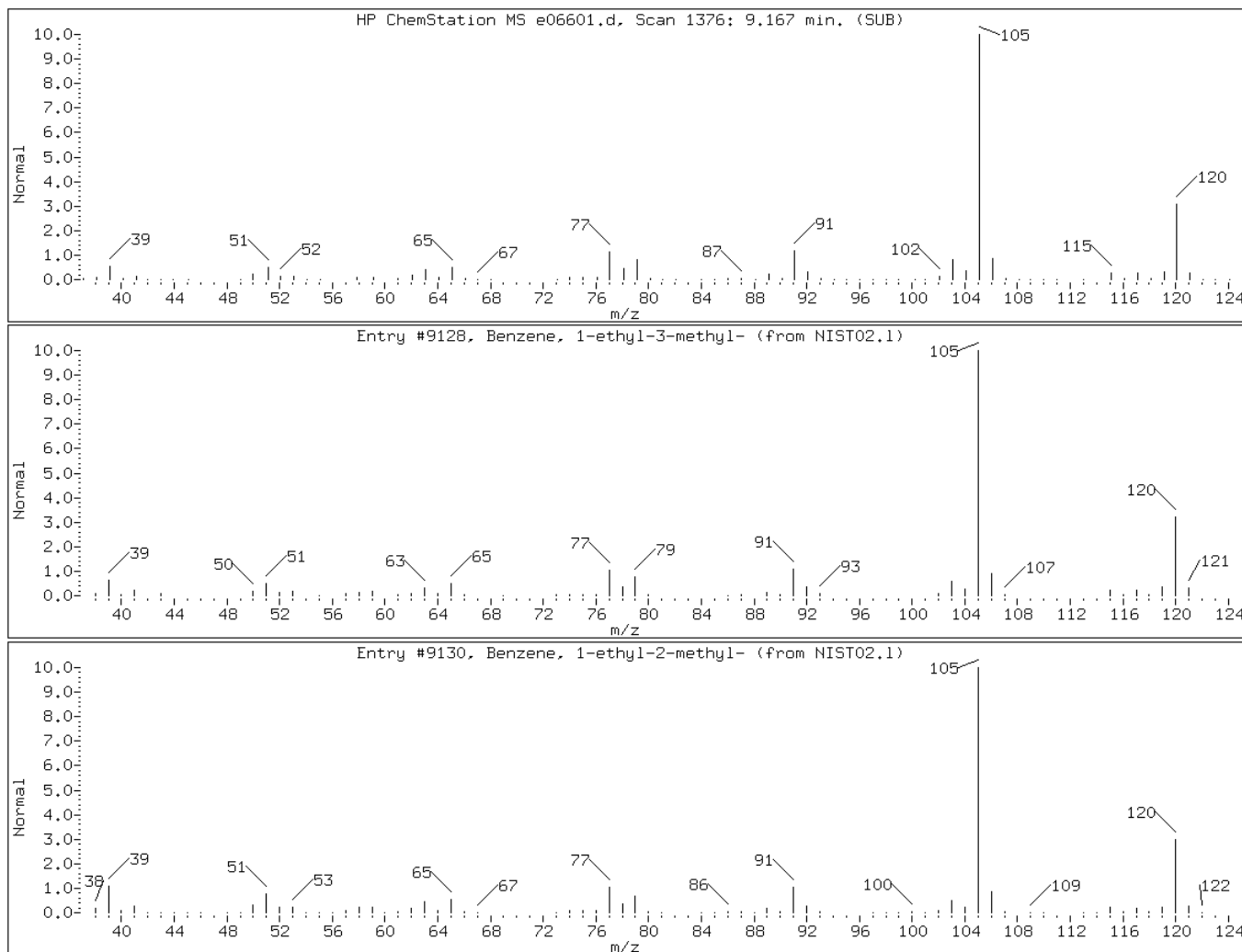
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

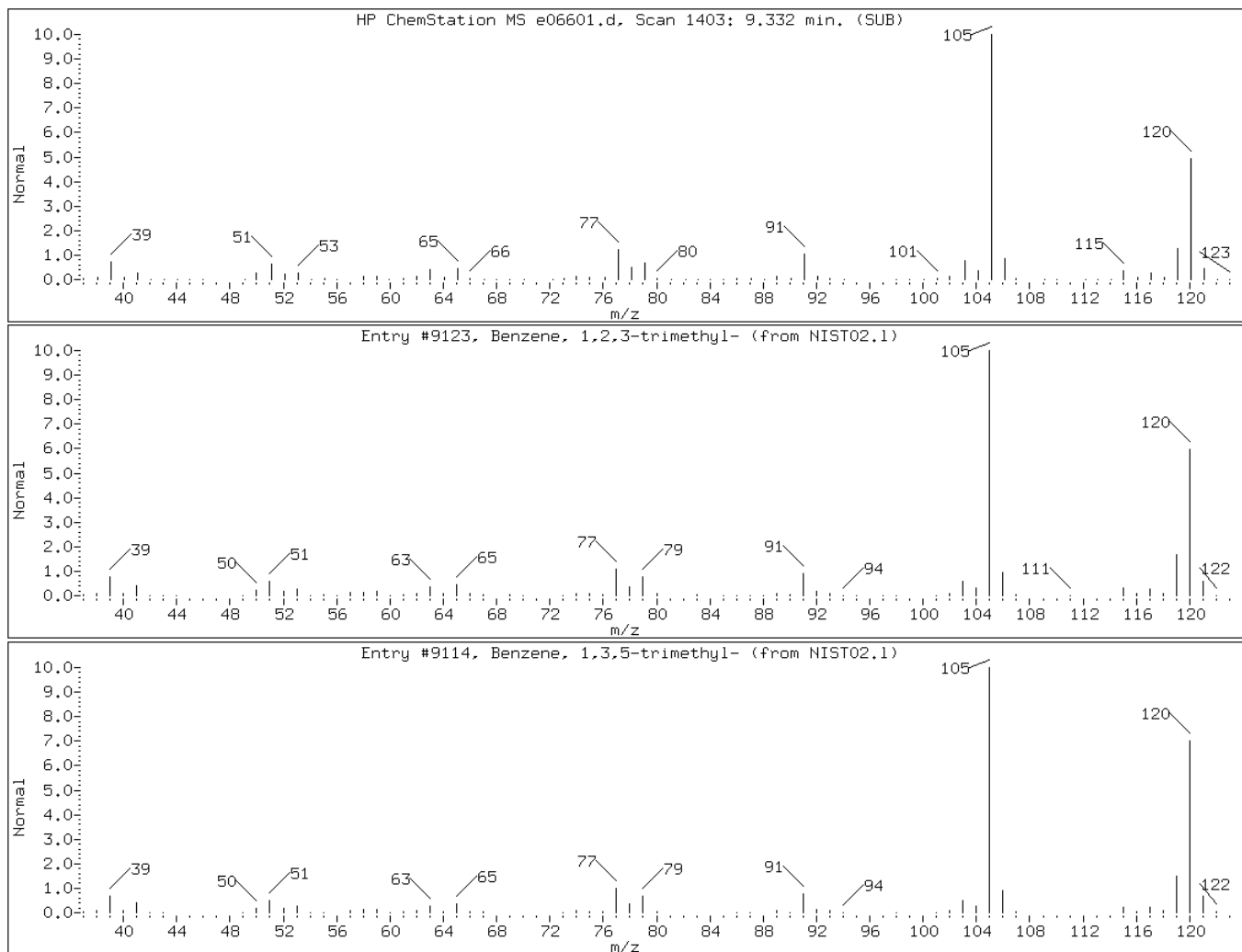
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	97	C9H12	120



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

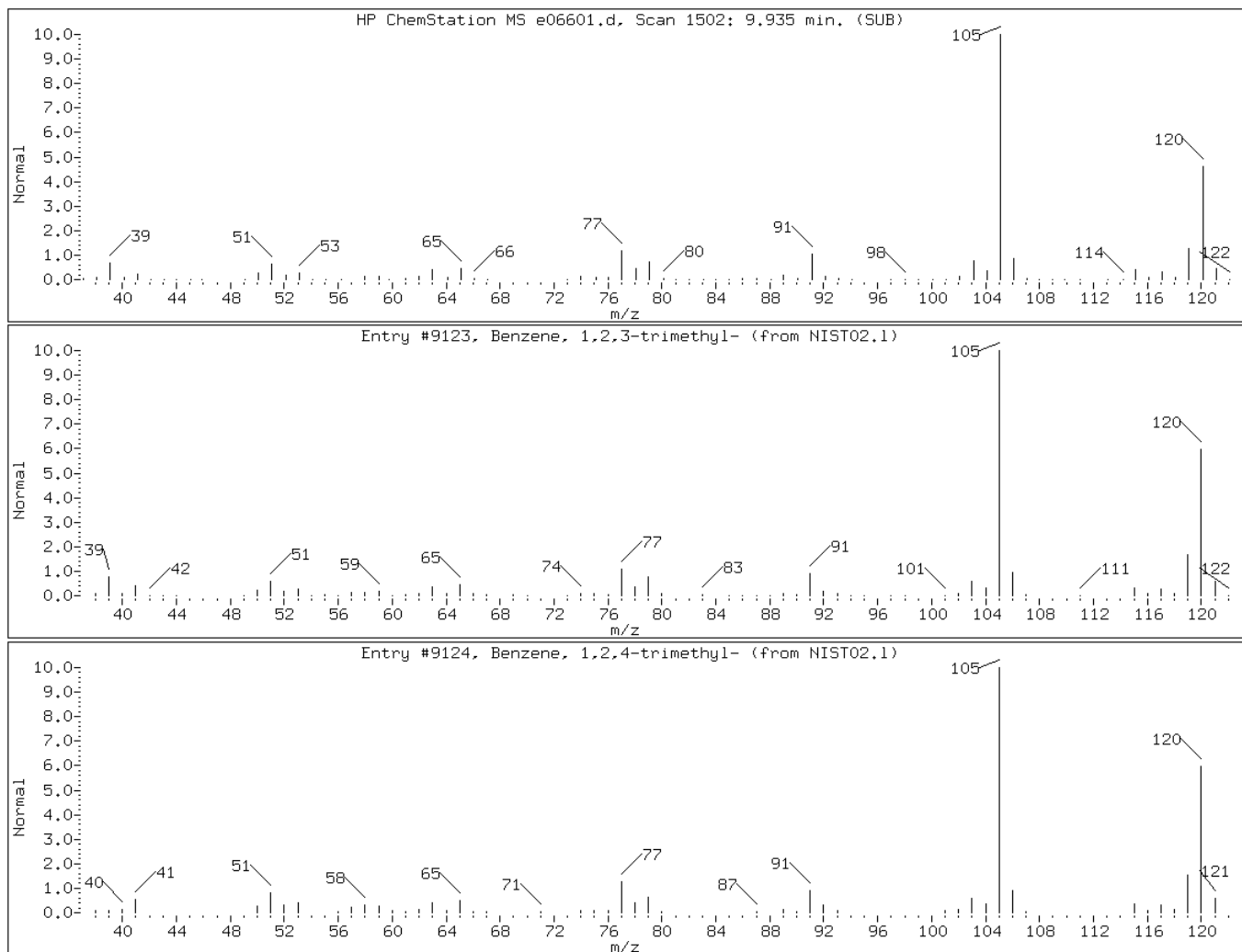
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 9.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9124	95	C9H12	120



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

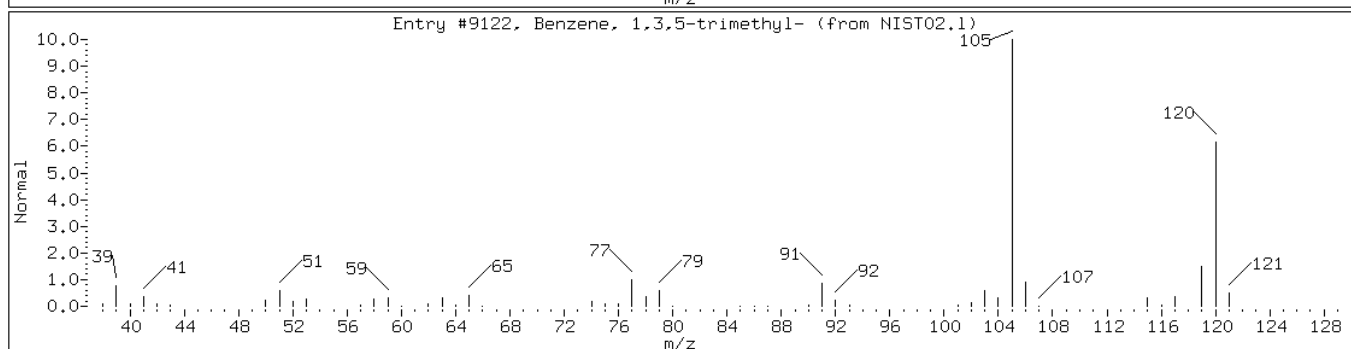
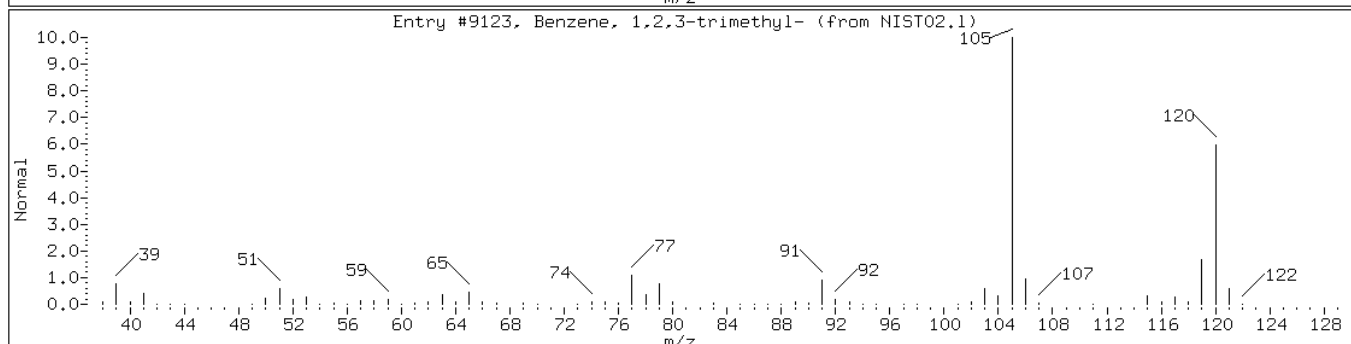
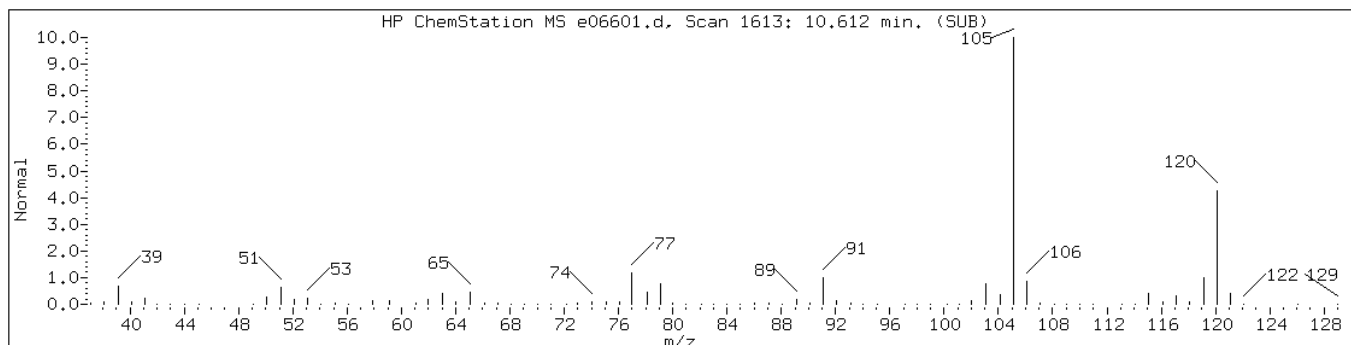
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9122	93	C9H12	120



Data File: e06601.d

Date: 11-AUG-2012 05:46

Client ID: WG-17338-080812-VAS

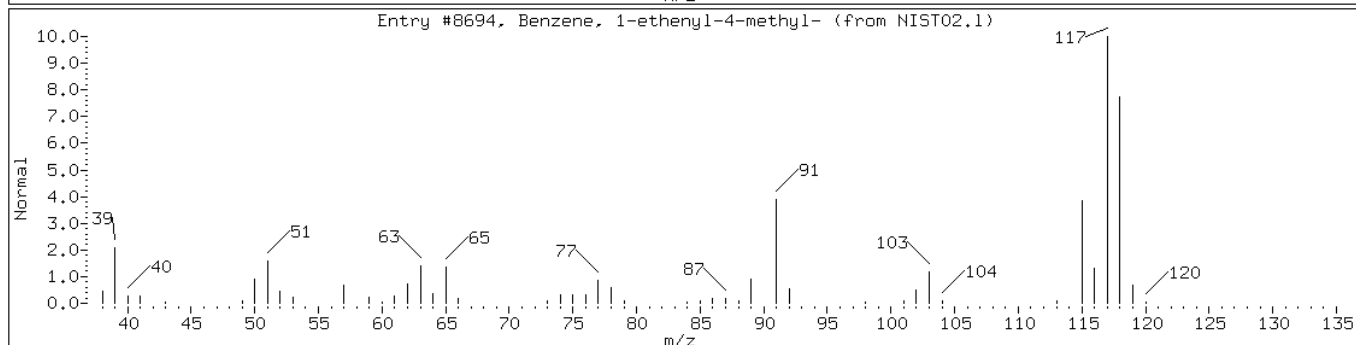
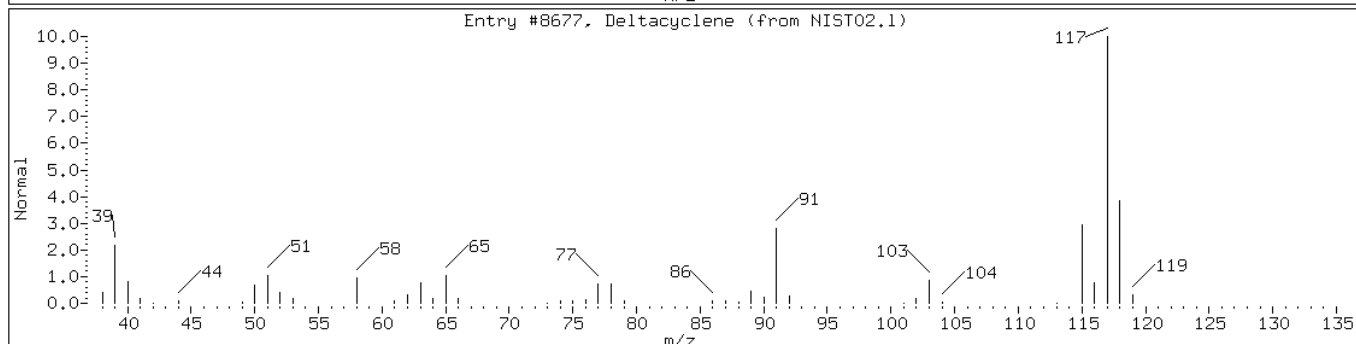
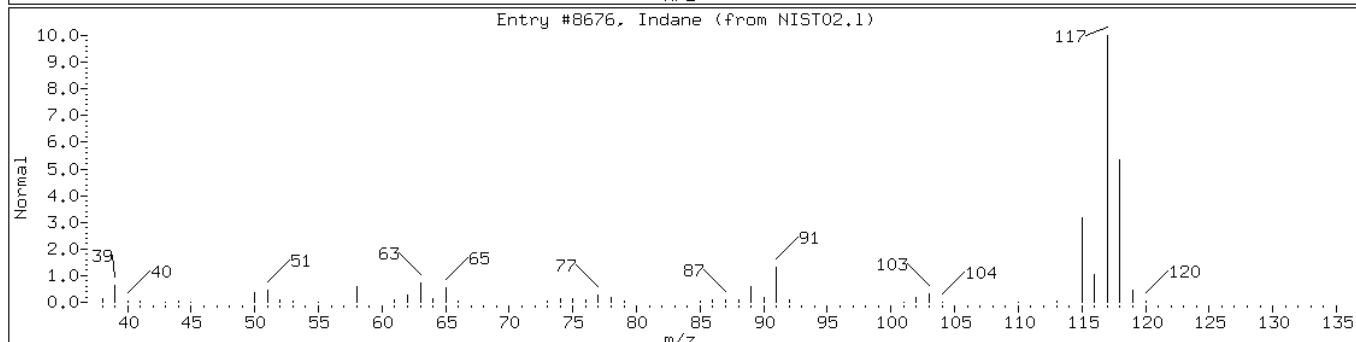
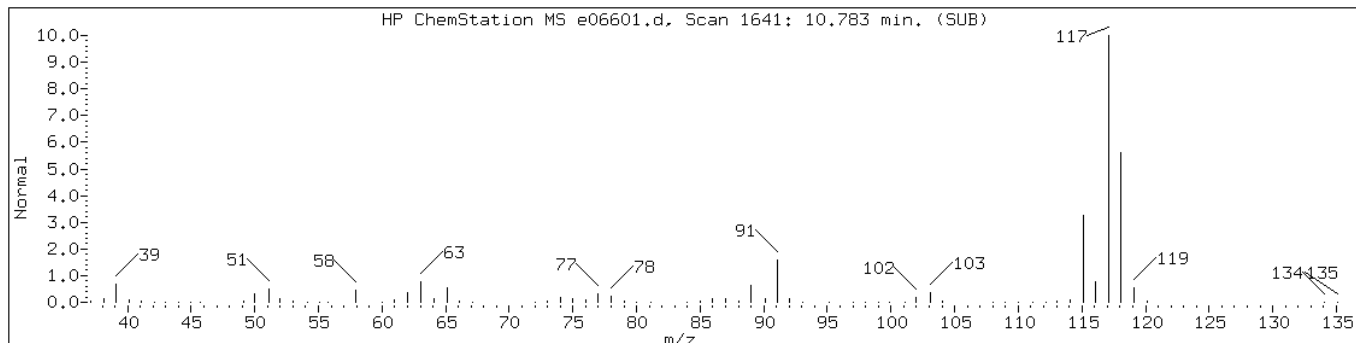
Instrument: VOAMS5.i

Sample Info: 460-43314-C-1

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Deltacyclene	7785-10-6	NIST02.1	8677	72	C9H10	118
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.1	8694	64	C9H10	118



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-1 DL
 Matrix: Water Lab File ID: e06568.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 15:30
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	370	D	5.0	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106	D	70-130
460-00-4	4-Bromofluorobenzene	98	D	70-130
2037-26-5	Toluene-d8 (Surr)	98	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06568.d
 Report Date: 11-Aug-2012 01:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06568.d
 Lab Smp Id: 460-43314-A-1 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 10-AUG-2012 15:30
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-A-1;5
 Misc Info : 460-43314-A-1
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 18
 Dil Factor: 5.00000
 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	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone		72	3.064	3.071 (0.852)		1517	2.40866	12(a)
44 Cyclohexane		56	2.784	2.778 (0.774)		129801	26.4233	130
48 Benzene		78	3.260	3.254 (0.469)		63073	4.44106	22
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.357 (0.936)		269179	52.8672	53
* 52 Fluorobenzene		96	3.595	3.595 (1.000)		875243	50.0000	
56 Methyl cyclohexane		83	3.729	3.723 (1.037)		87460	17.1872	86
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		818380	48.7731	49
66 Toluene		91	5.162	5.162 (0.742)		1140271	65.4314	330
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		731430	50.0000	
81 Ethylbenzene		106	7.064	7.064 (1.016)		480861	74.8400	370
82 m+p-Xylene		106	7.277	7.277 (1.046)		785290	93.6056	470
84 o-Xylene		106	7.862	7.863 (1.131)		94501	11.5002	58
85 Styrene		104	7.942	7.942 (1.142)		24147	1.76245	8.8
88 Isopropylbenzene		105	8.350	8.350 (1.201)		117819	5.52278	28
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		379612	48.9703	49
105 1,3-Dichlorobenzene		146	10.331	10.332 (0.987)		2269	0.19752	0.99(a)

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06568.d
 Report Date: 11-Aug-2012 01:28

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	452131	50.0000		
109 1,4-Dichlorobenzene	146	10.484	10.490	(1.002)	4126	0.35133	1.8(a)	
111 1,2-Dichlorobenzene	146	11.154	11.148	(1.066)	10901	0.99940	5.0	
M 121 Xylene (Total)	100				879791	105.106	520	

QC Flag Legend

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

Data File: e06568.d

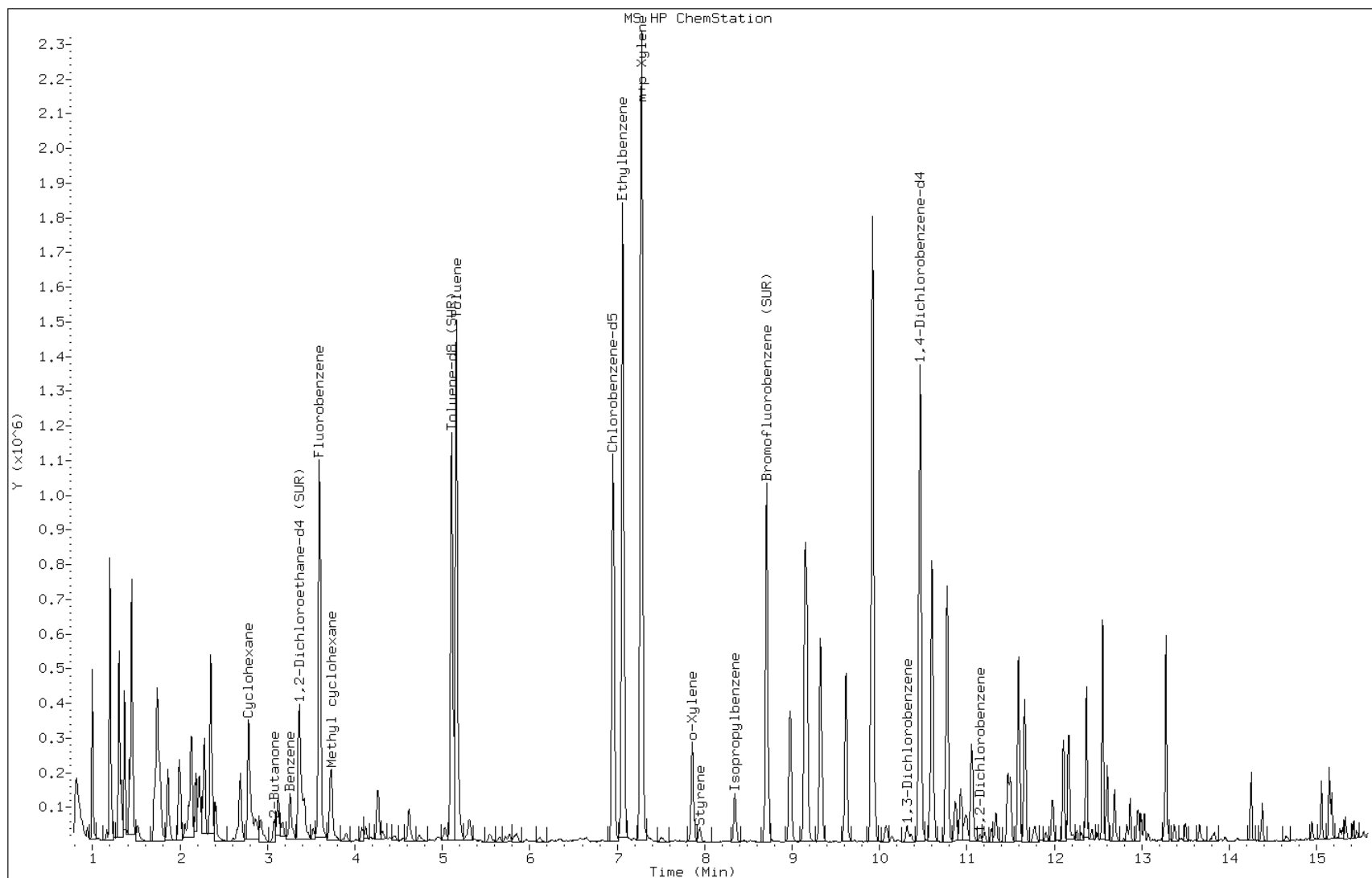
Date: 10-AUG-2012 15:30

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-1;5

Operator: GC/MS VOAMS5



Data File: e06568.d

Date: 10-AUG-2012 15:30

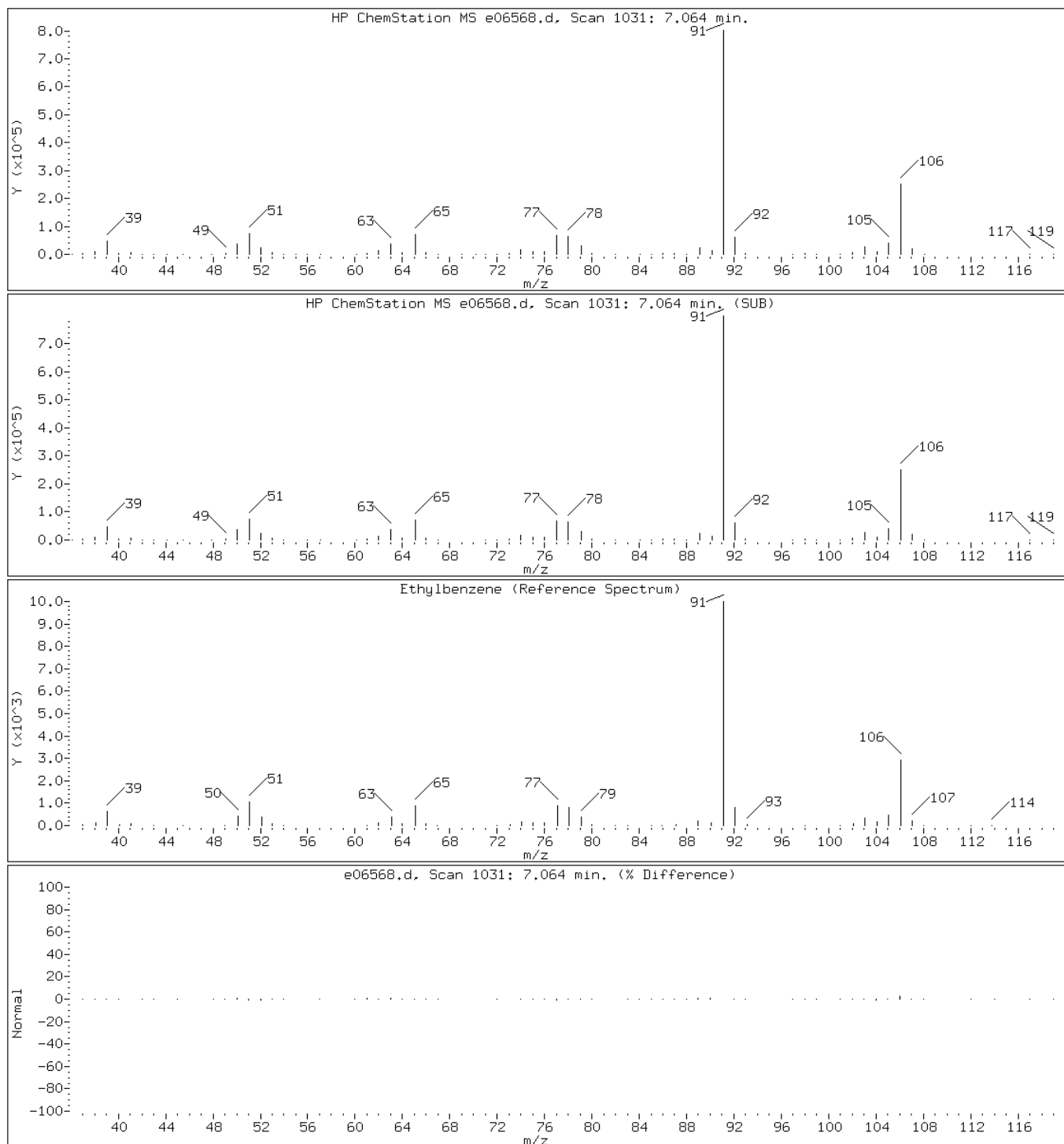
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-1;5

Operator: GC/MS VOAMS5

81 Ethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-2
 Matrix: Water Lab File ID: e06690.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:15
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 12:55
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	4.6		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	110		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)	31		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	570	E	1.0	0.10
110-82-7	Cyclohexane	94		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	530	E	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	61		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	630	E	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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-2
 Matrix: Water Lab File ID: e06690.d
 Analysis Method: 8260B Date Collected: 08/08/2012 10:15
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 12:55
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	1.4	J	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.44	J	1.0	0.11
1330-20-7	Xylenes, Total	810		3.0	0.36
100-42-5	Styrene	13		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	36		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.60	J	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.2		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	96		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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-2
Matrix: Water Lab File ID: e06690.d
Analysis Method: 8260B Date Collected: 08/08/2012 10:15
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 12:55
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.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 1197

CAS NO.	COMPOUND NAME	RT	RESULT	Q
287-92-3	Cyclopentane	1.74	75	J N
103-65-1	Benzene, propyl-	8.98	59	J N
	Ethylmethylbenzene isomer	9.16	170	J
	Trimethylbenzene isomer	9.33	84	J
	Ethylmethylbenzene isomer-1	9.62	90	J
	Trimethylbenzene isomer-1	9.93	240	J
	Trimethylbenzene isomer-2	10.61	160	J
496-11-7	Indane	10.78	150	J N
	Ethyl dimethylbenzene isomer	11.59	59	J
91-20-3	Naphthalene	13.28	110	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06690.d
 Report Date: 13-Aug-2012 13:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06690.d
 Lab Smp Id: 460-43314-C-2 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 12:55
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-2
 Misc Info : 460-43314-C-2
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 22
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
16 Acetone	58	1.888	1.888	(0.525)	32005	112.230	110	
38 2-Butanone	72	3.071	3.071	(0.854)	14840	30.6884	31	
44 Cyclohexane	56	2.784	2.778	(0.774)	463140	93.5595	94	
48 Benzene	78	3.260	3.254	(0.469)	5865503	532.484	530(A)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	223332	51.5091	52	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	724012	50.0000		
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	314031	60.8041	61	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	697876	48.1617	48	
66 Toluene	91	5.168	5.162	(0.743)	8711421	632.965	630(A)	
73 2-Hexanone	43	6.674	6.680	(0.960)	2471	1.37756	1.4(a)	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	638746	50.0000		
79 Chlorobenzene	112	6.979	6.972	(1.004)	4410	0.43638	0.44(a)	
81 Ethylbenzene	106	7.076	7.064	(1.018)	3036586	570.623	570(A)	
82 m+p-Xylene	106	7.296	7.277	(1.049)	4666267	697.116	700	
84 o-Xylene	106	7.863	7.862	(1.131)	734328	109.495	110	
85 Styrene	104	7.942	7.942	(1.142)	154617	13.3844	13	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06690.d
 Report Date: 13-Aug-2012 13:16

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	666629	36.4481	36	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	334071	47.8743	48	
105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	6053	0.60287	0.60(a)	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	405456	50.0000		
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	12202	1.19041	1.2	
111 1,2-Dichlorobenzene	146	11.155	11.148	(1.066)	43327	4.63952	4.6	
M 121 Xylene (Total)	100				5400595	806.612	810	

QC Flag Legend

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

Data File: e06690.d

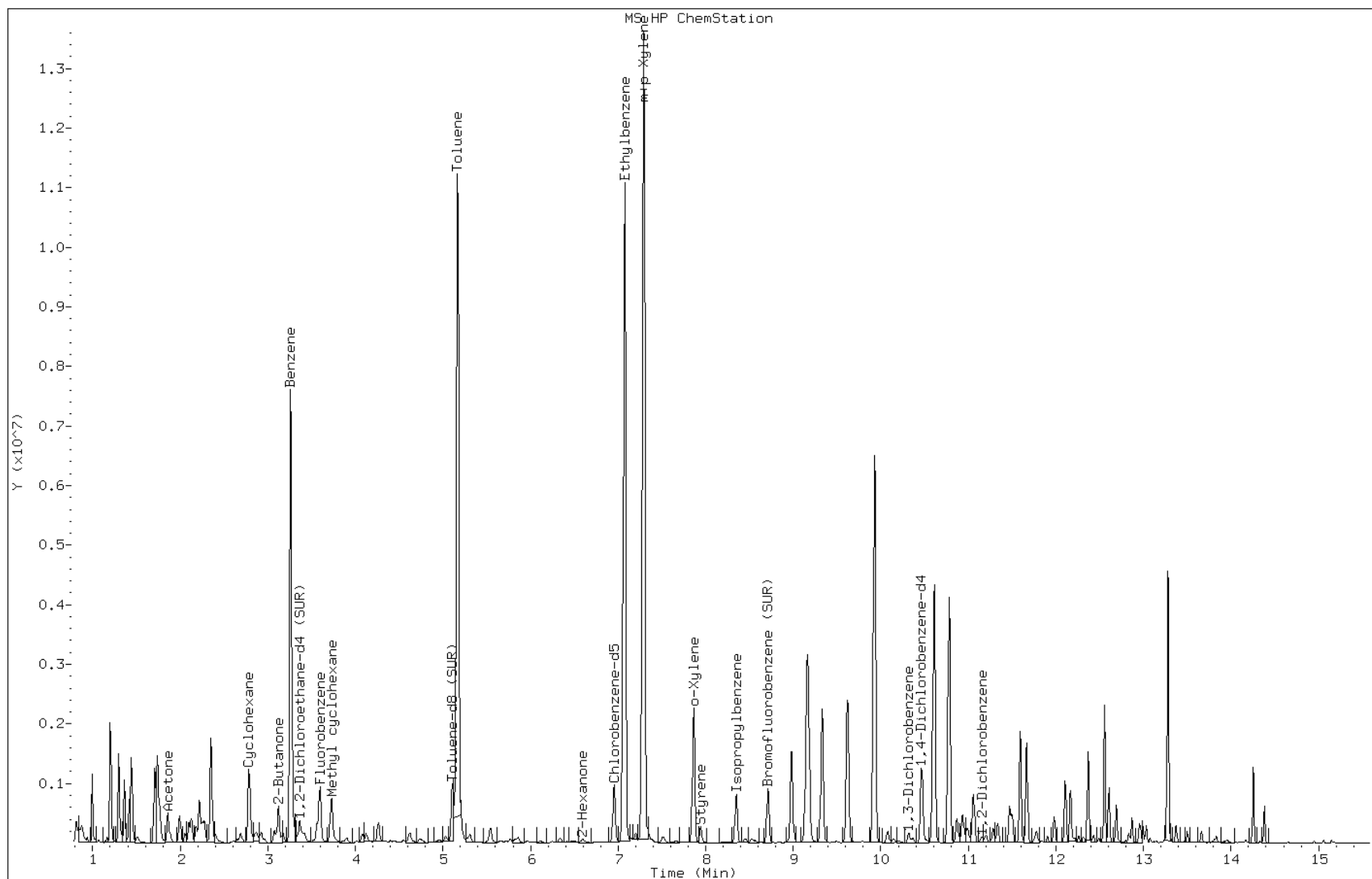
Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5



Data File: e06690.d

Date: 13-AUG-2012 12:55

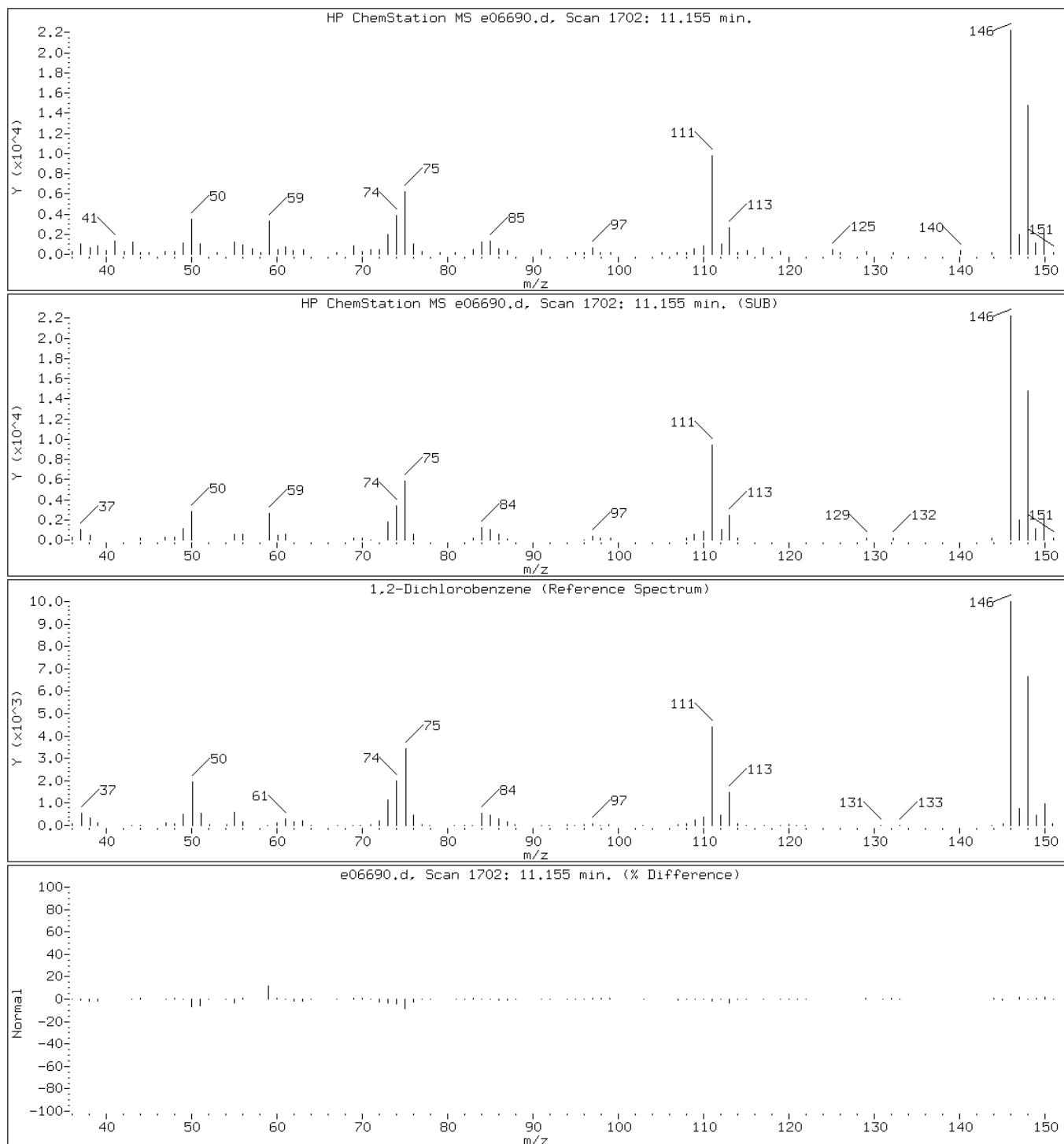
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

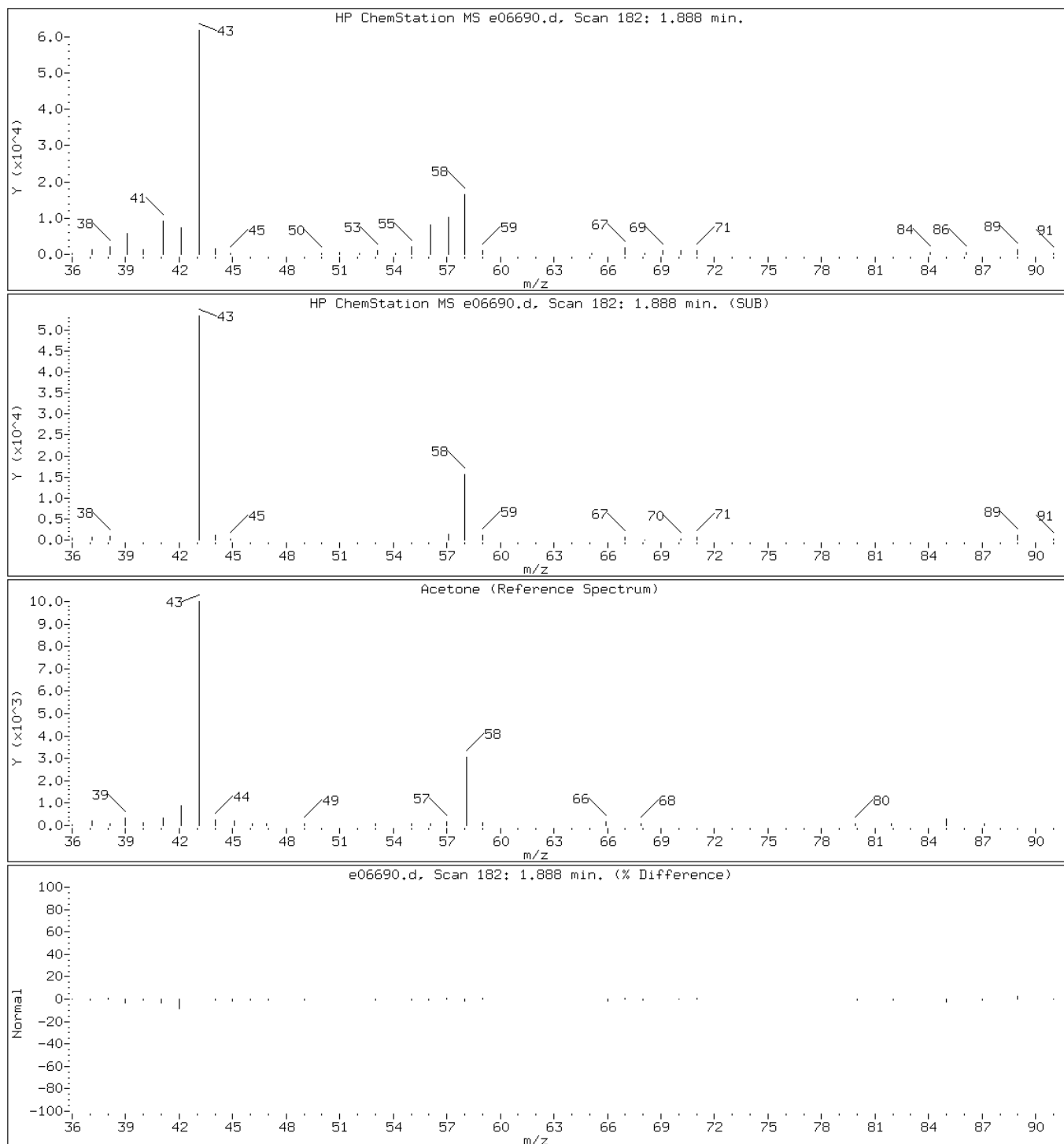
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06690.d

Date: 13-AUG-2012 12:55

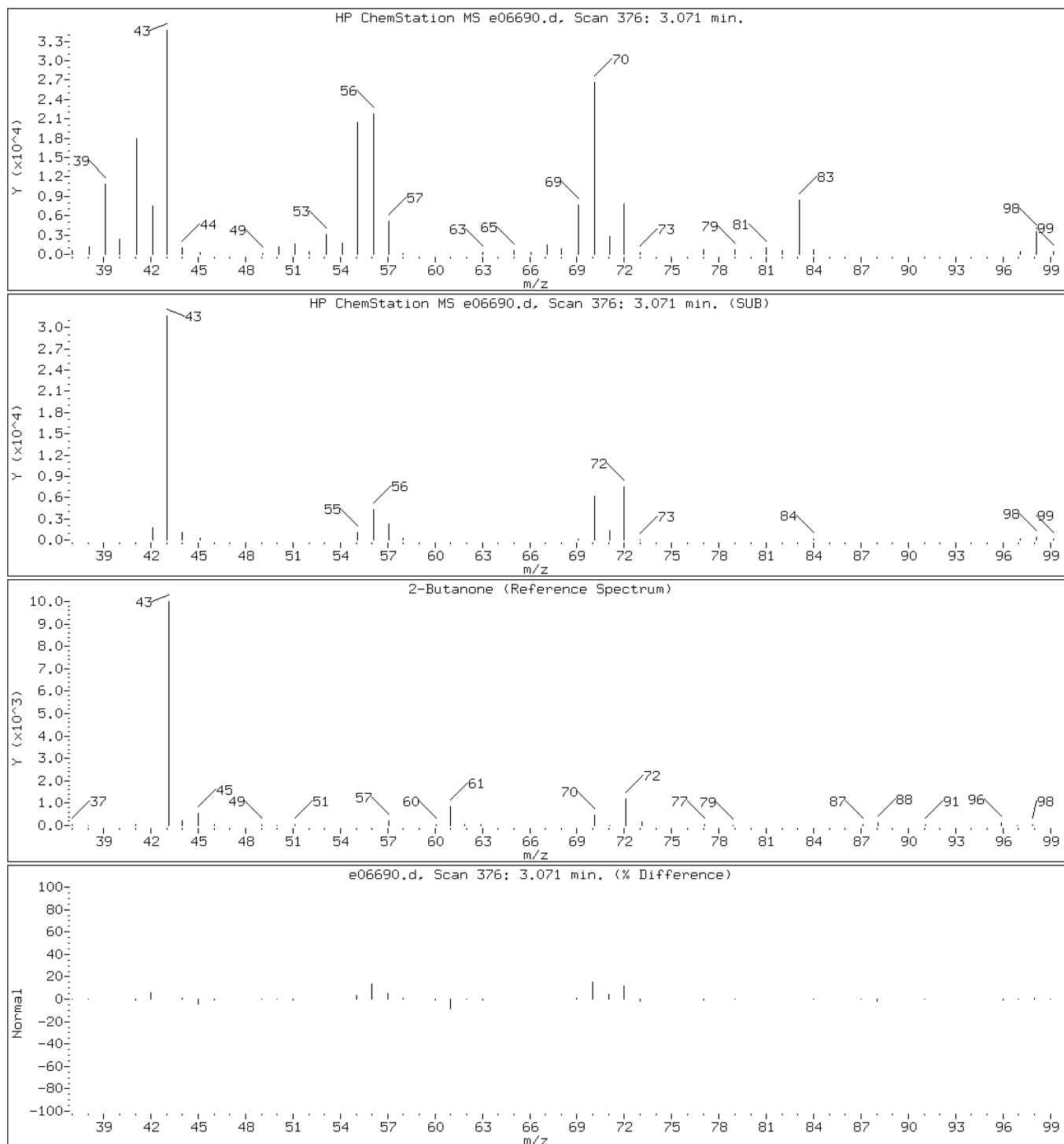
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06690.d

Date: 13-AUG-2012 12:55

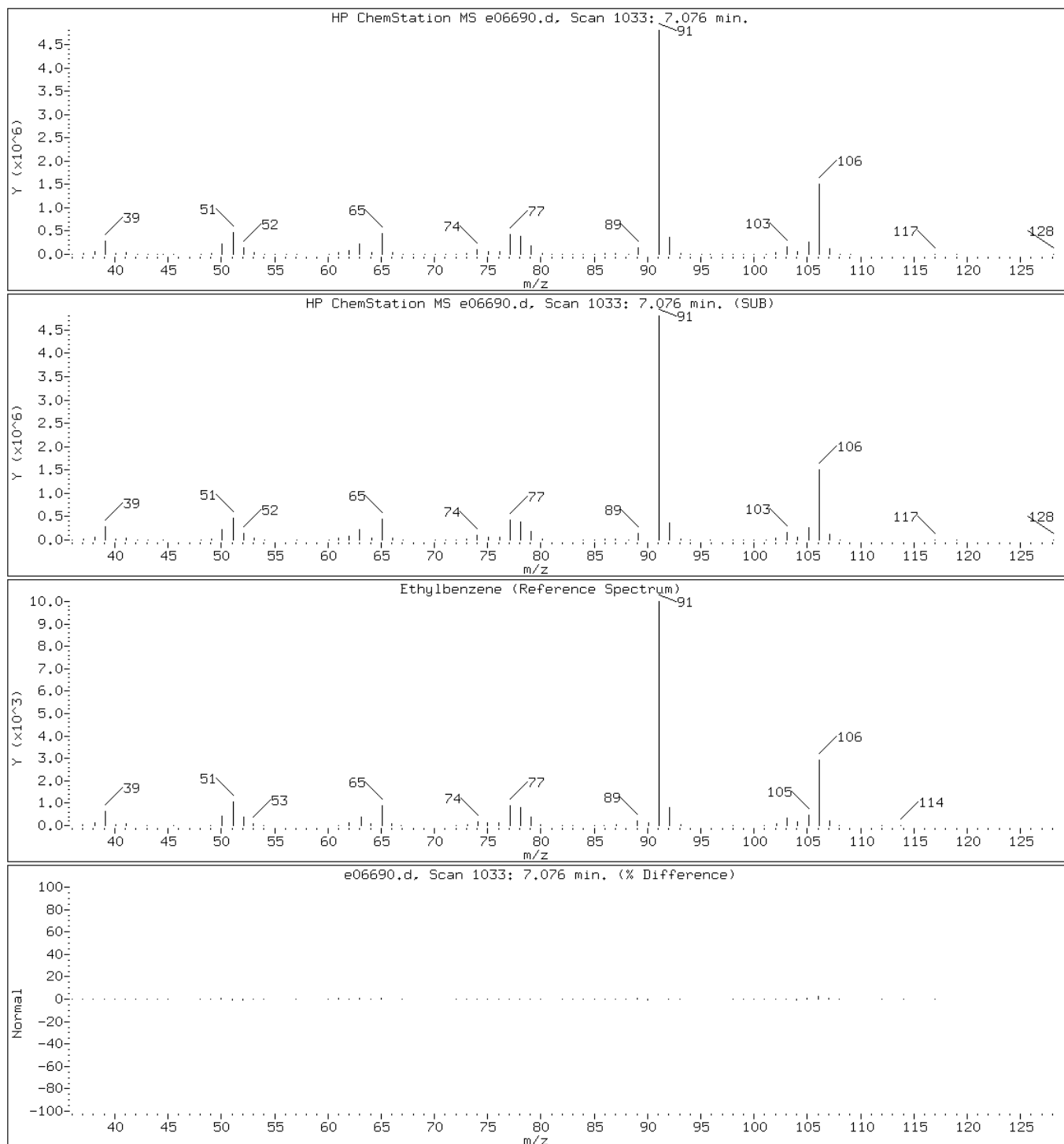
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

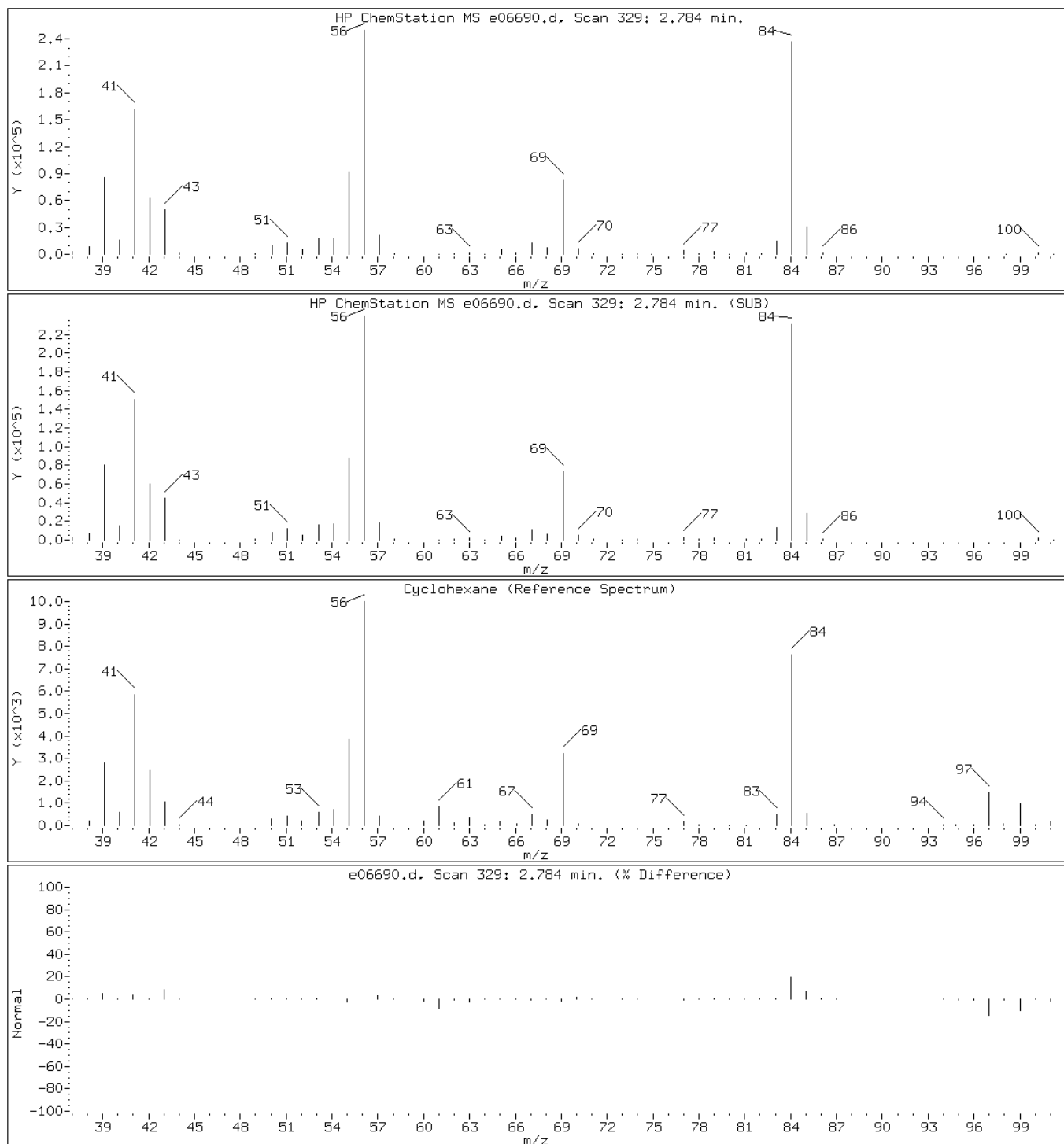
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06690.d

Date: 13-AUG-2012 12:55

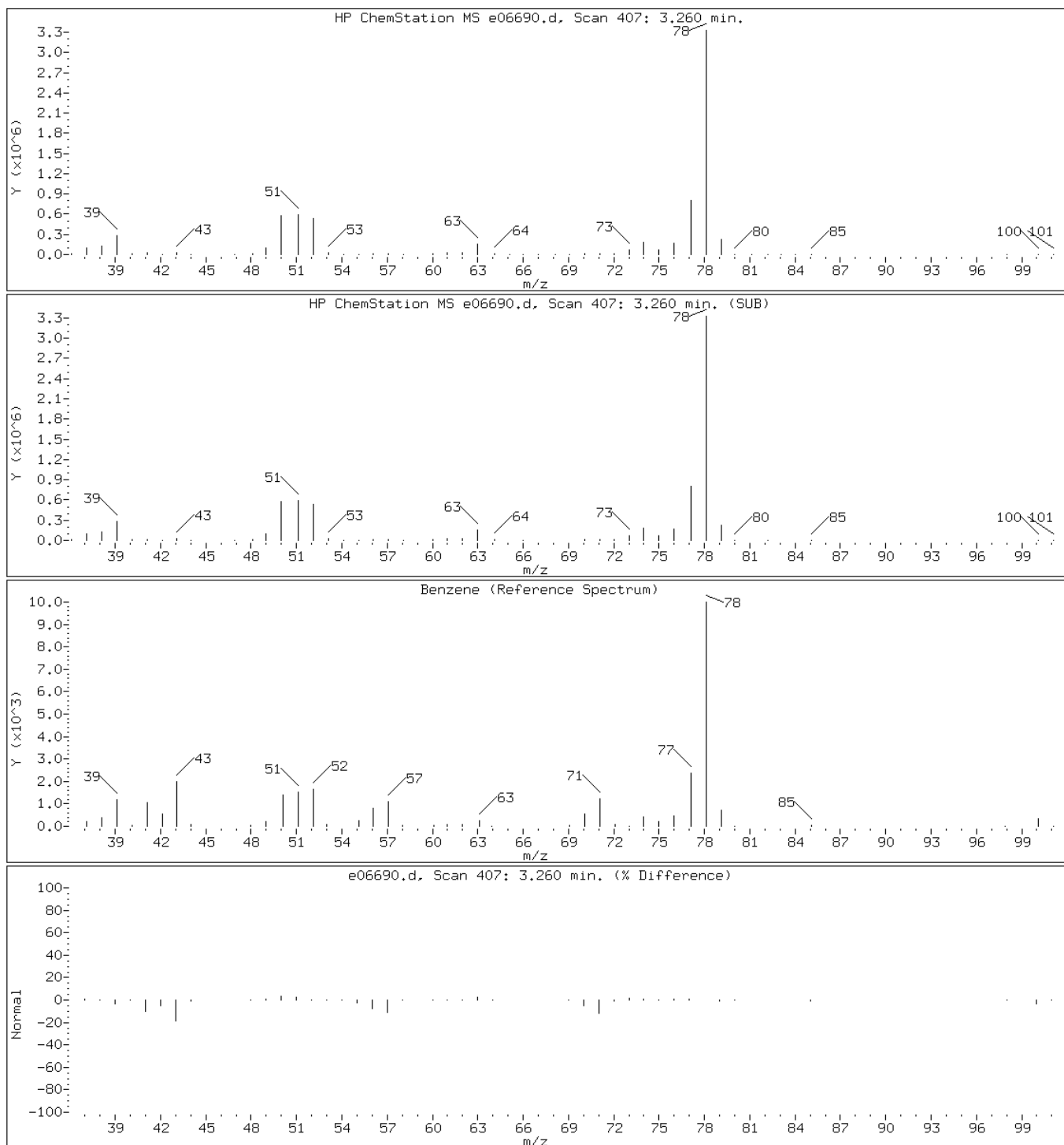
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

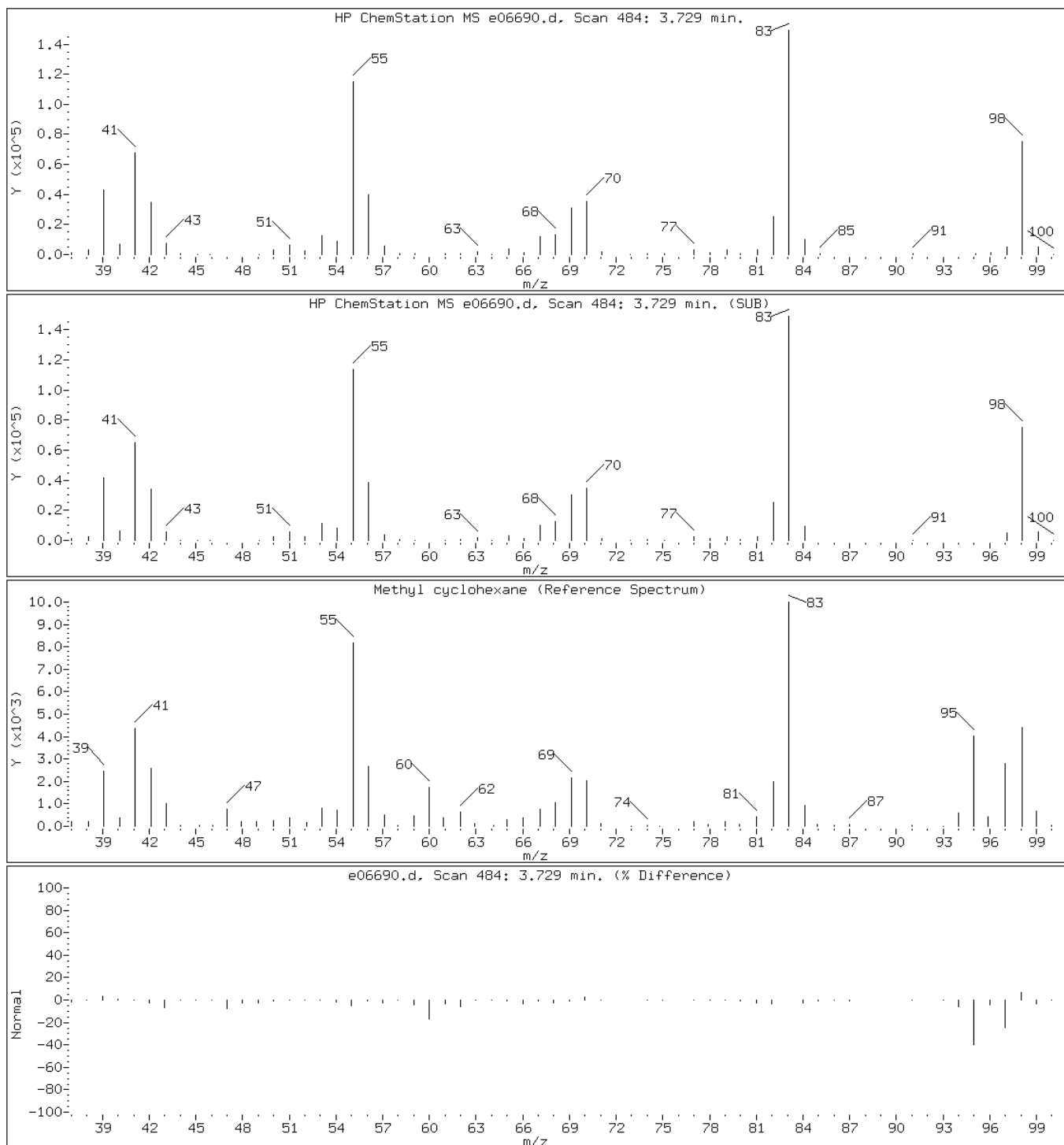
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06690.d

Date: 13-AUG-2012 12:55

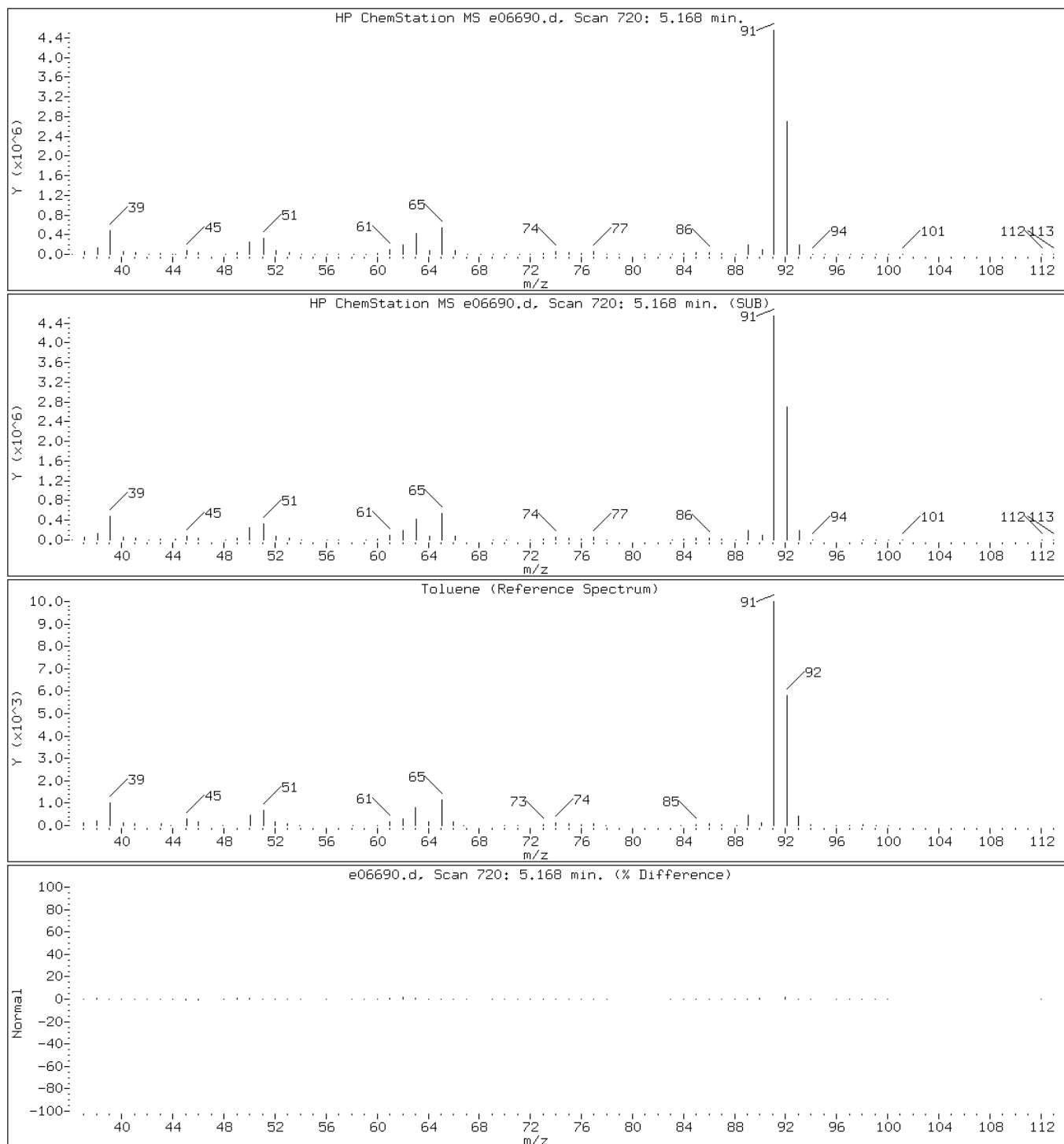
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06690.d

Date: 13-AUG-2012 12:55

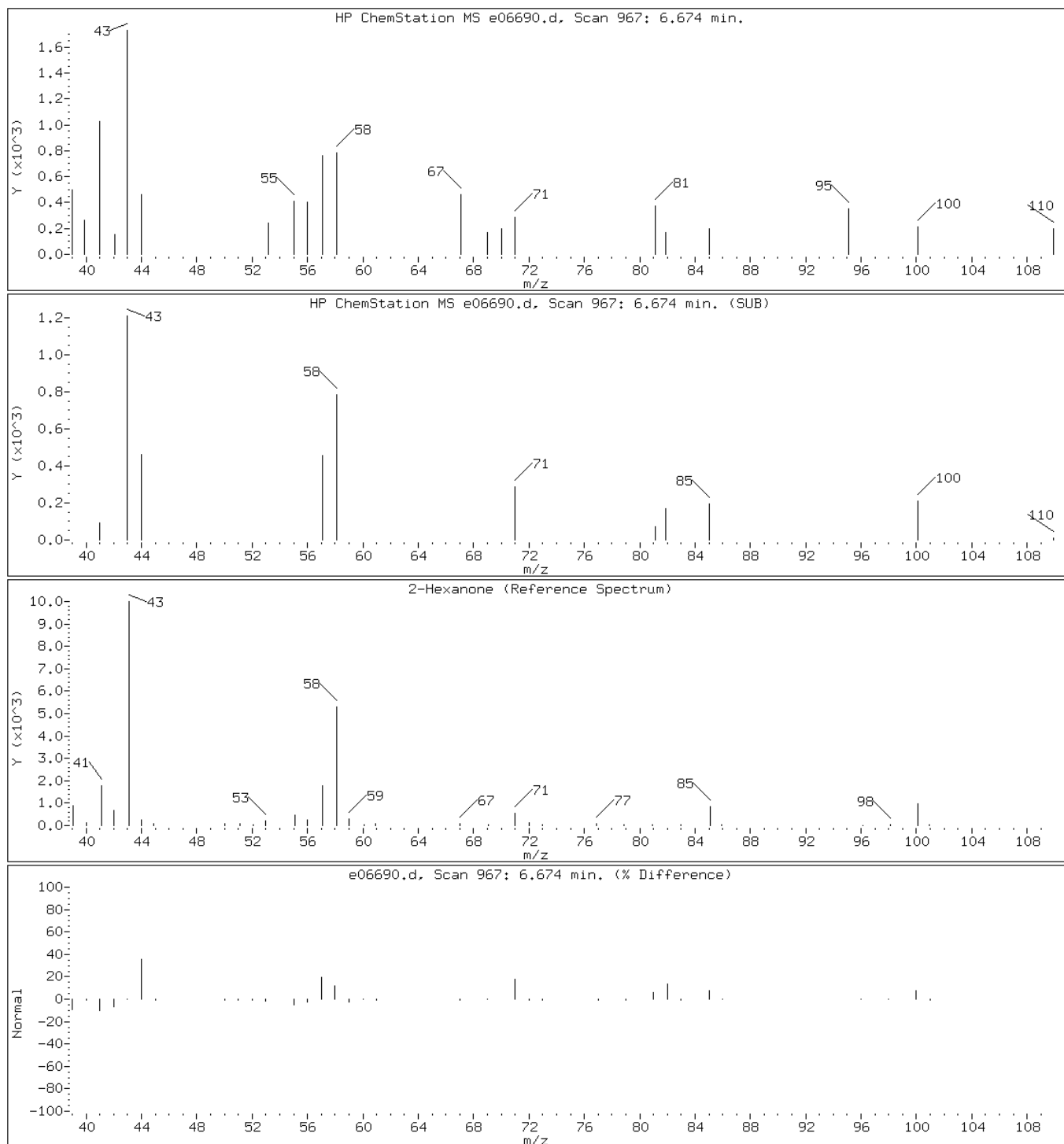
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

73 2-Hexanone



Data File: e06690.d

Date: 13-AUG-2012 12:55

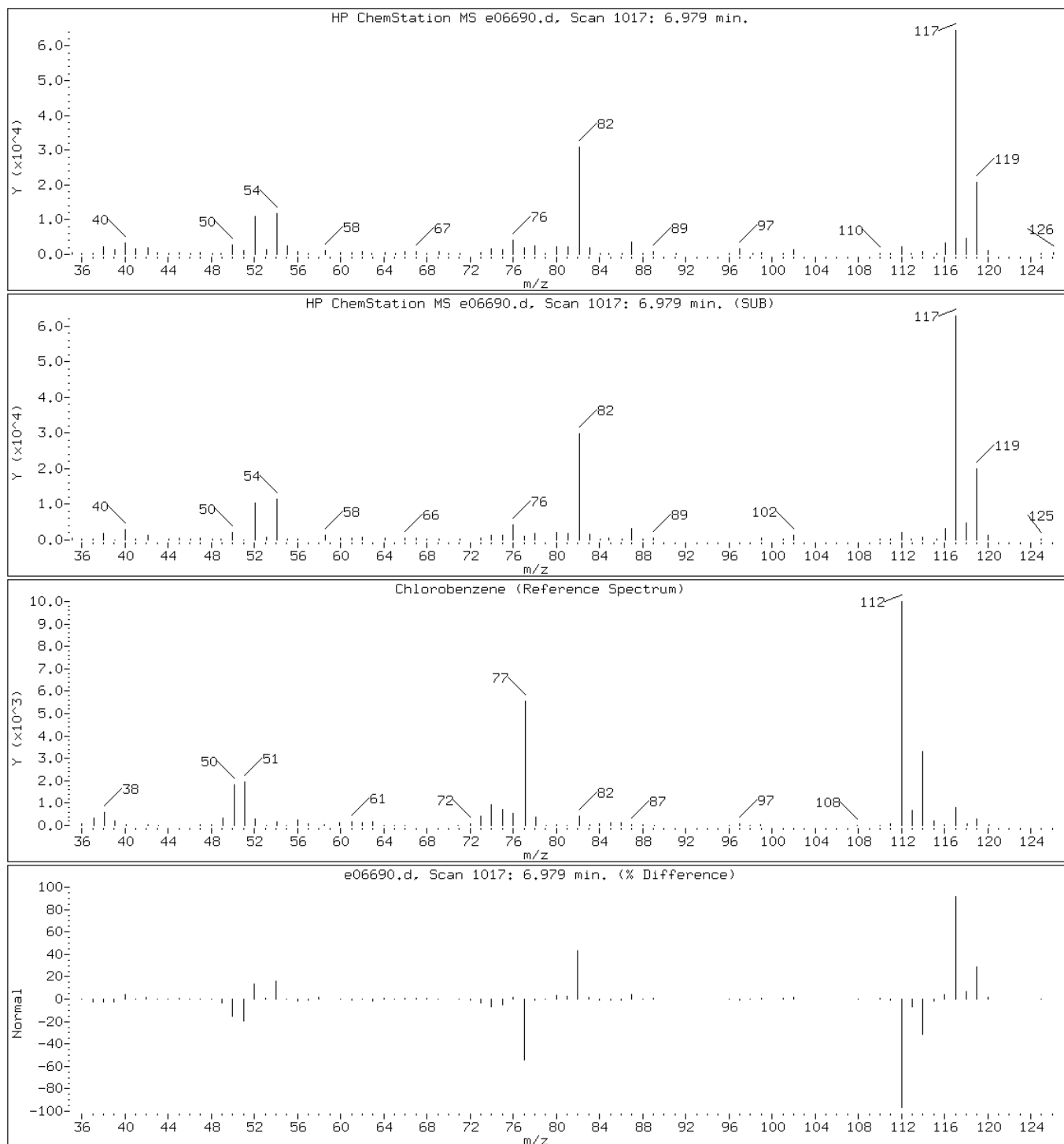
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

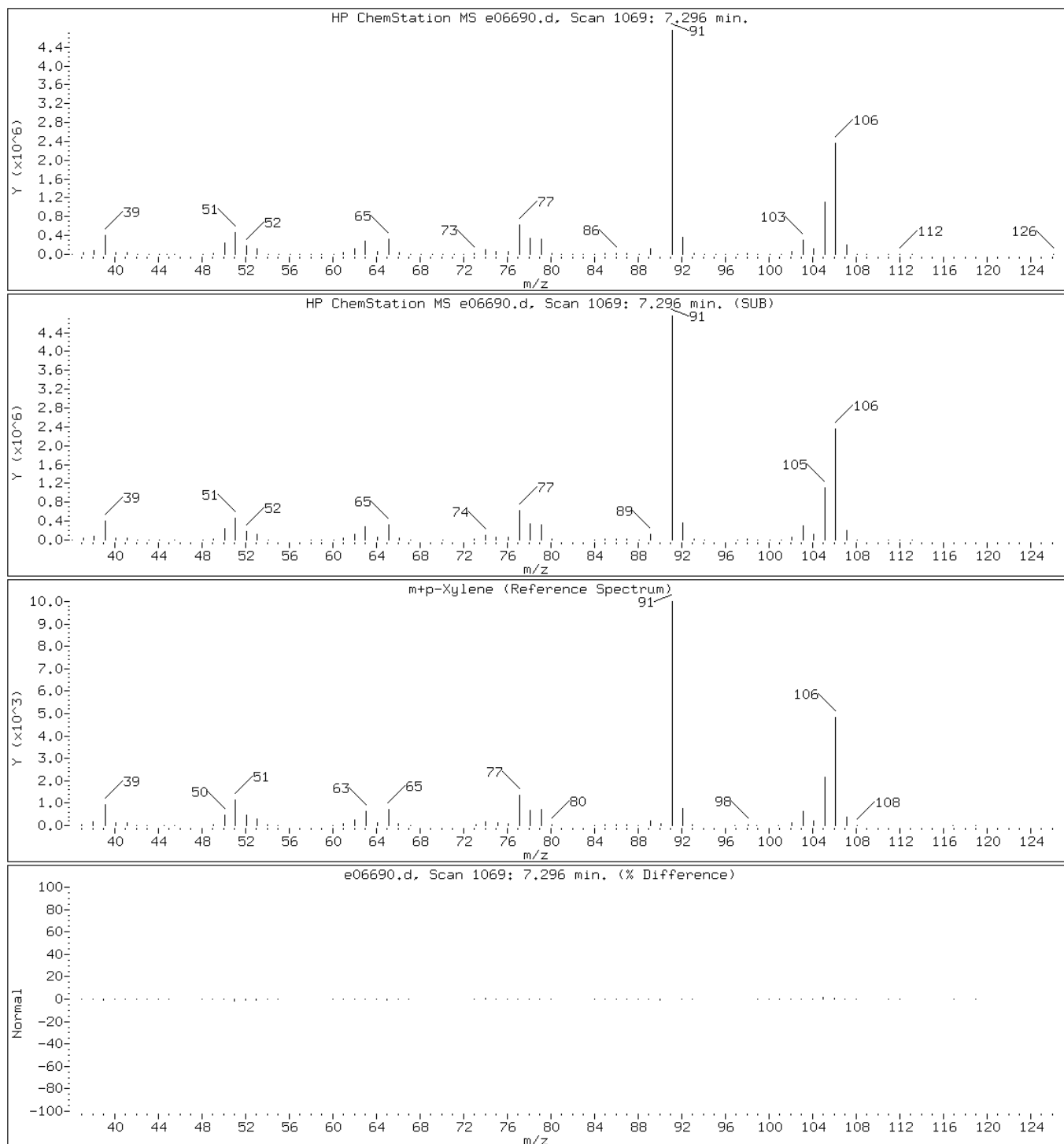
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06690.d

Date: 13-AUG-2012 12:55

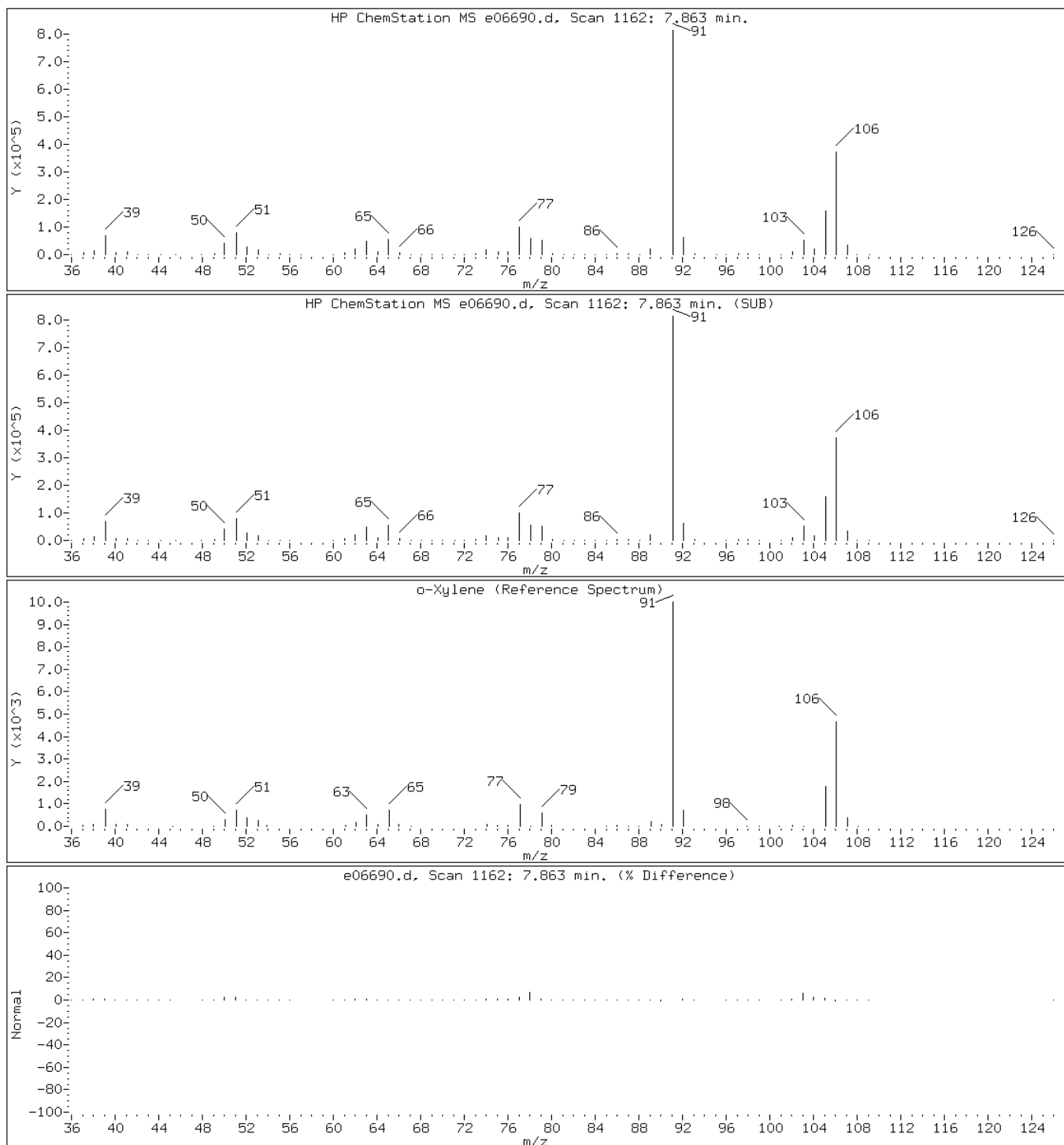
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06690.d

Date: 13-AUG-2012 12:55

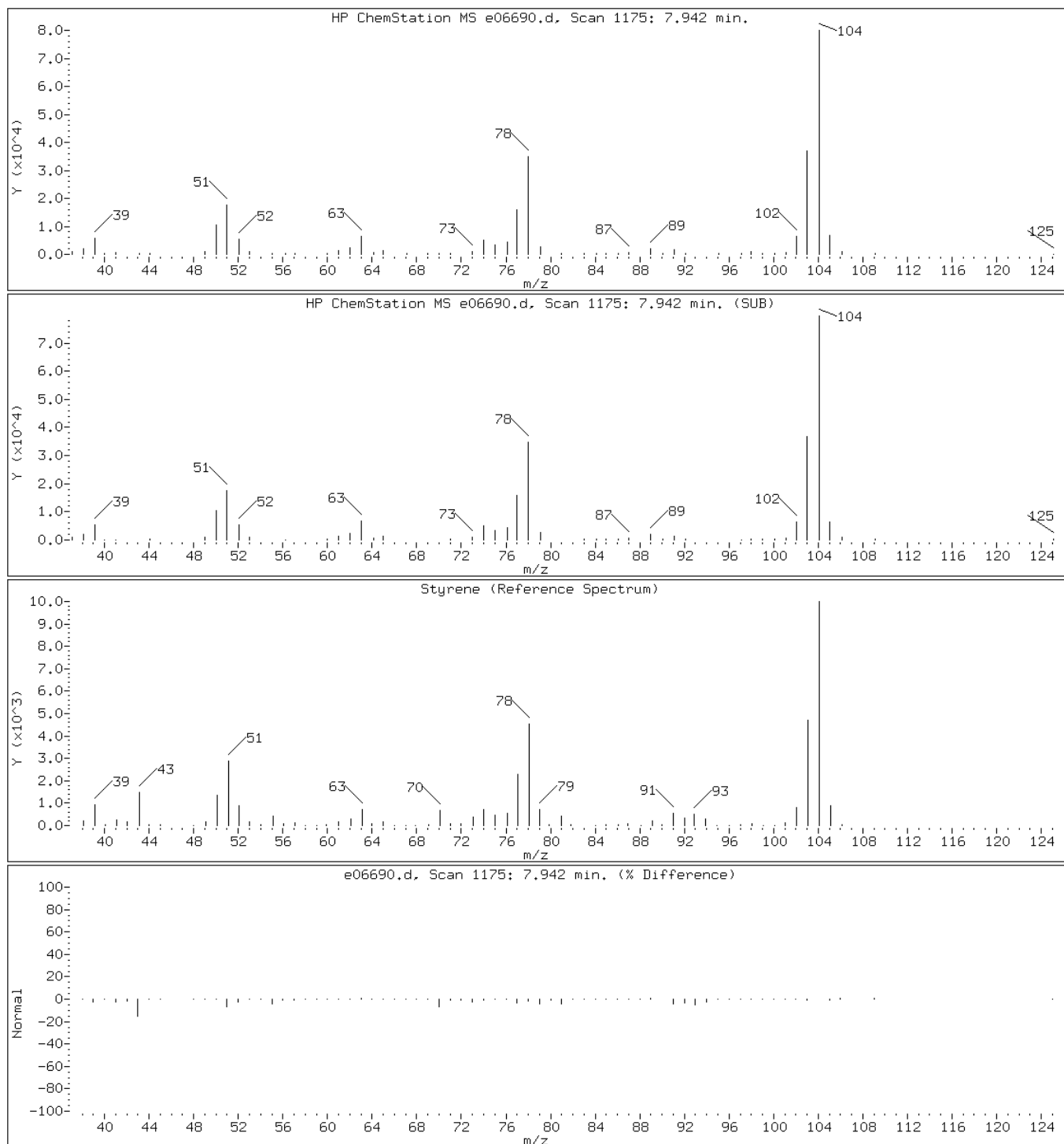
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06690.d

Date: 13-AUG-2012 12:55

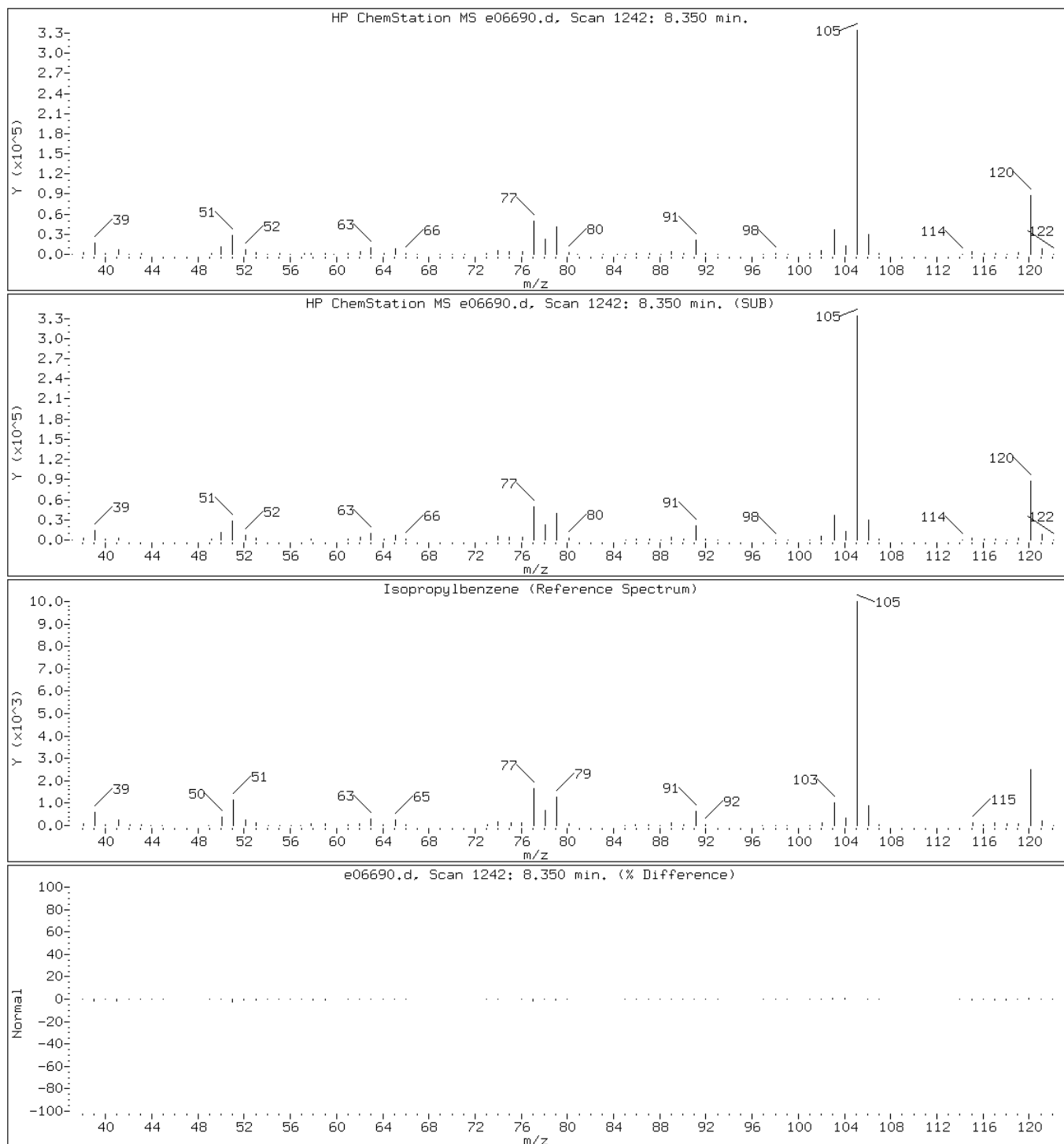
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

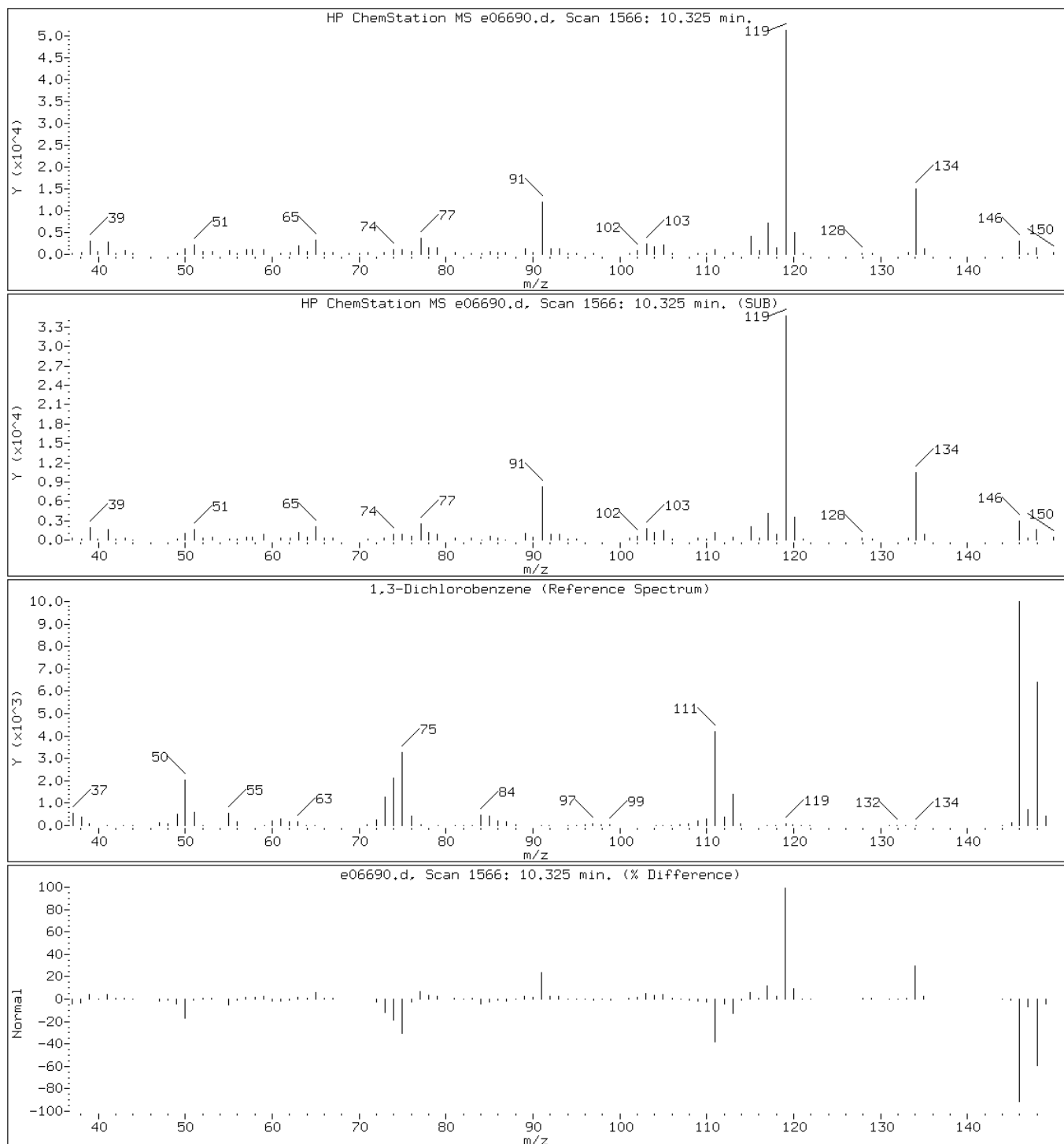
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

105 1,3-Dichlorobenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

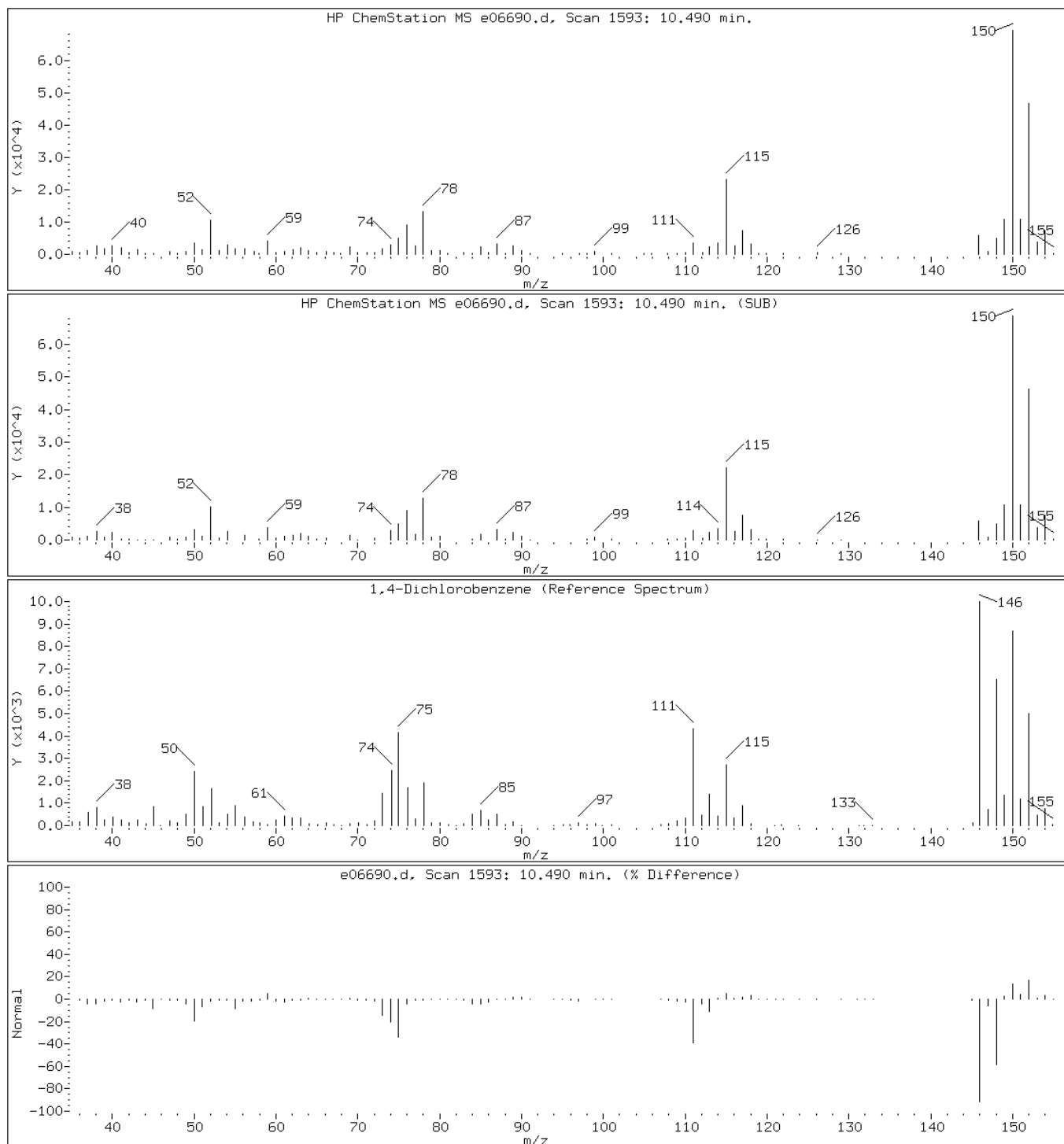
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

109 1,4-Dichlorobenzene



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

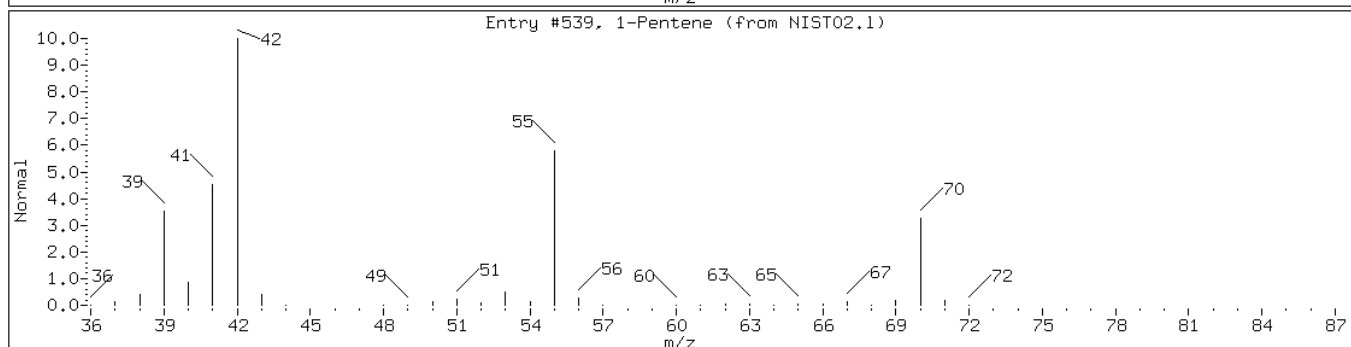
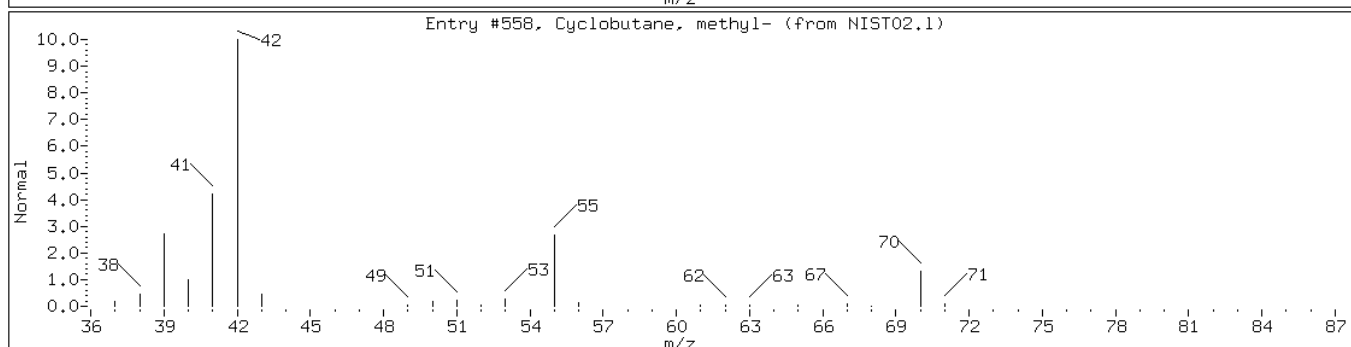
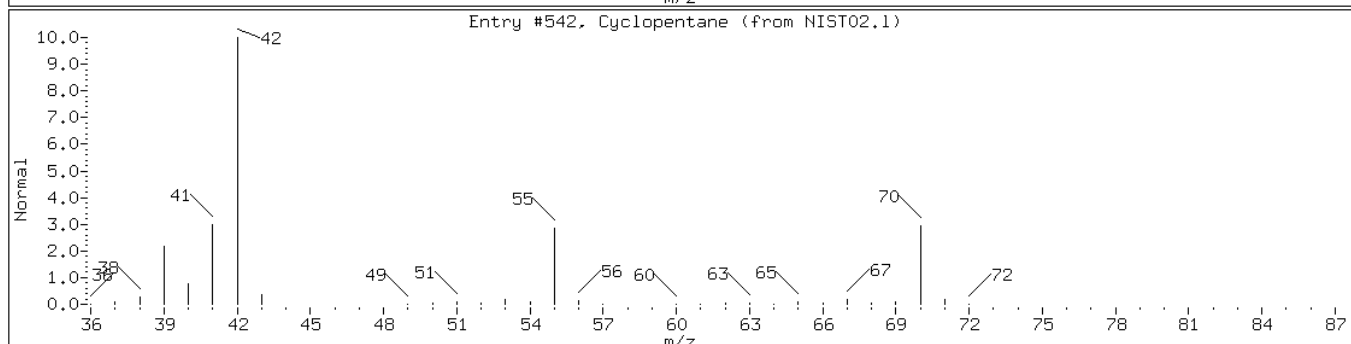
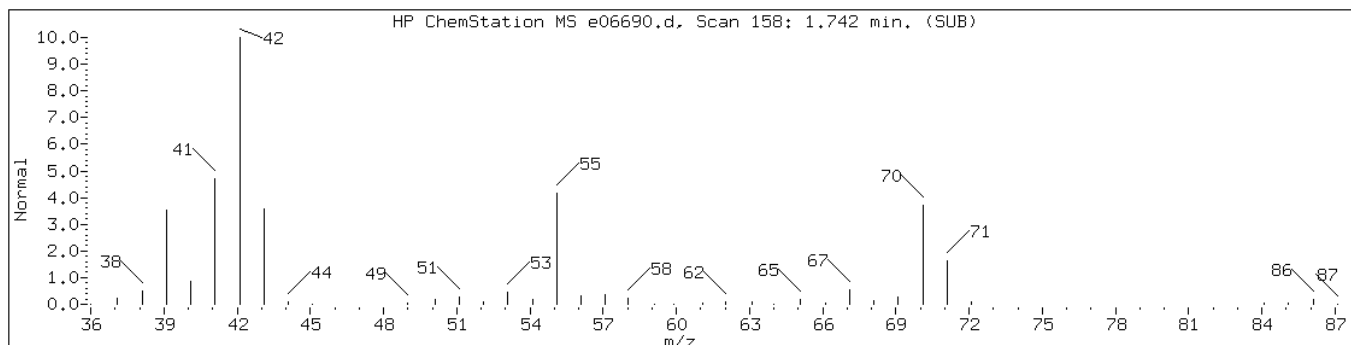
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopentane	287-92-3	NIST02.1	542	72	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.1	558	64	C5H10	70
1-Pentene	109-67-1	NIST02.1	539	64	C5H10	70



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

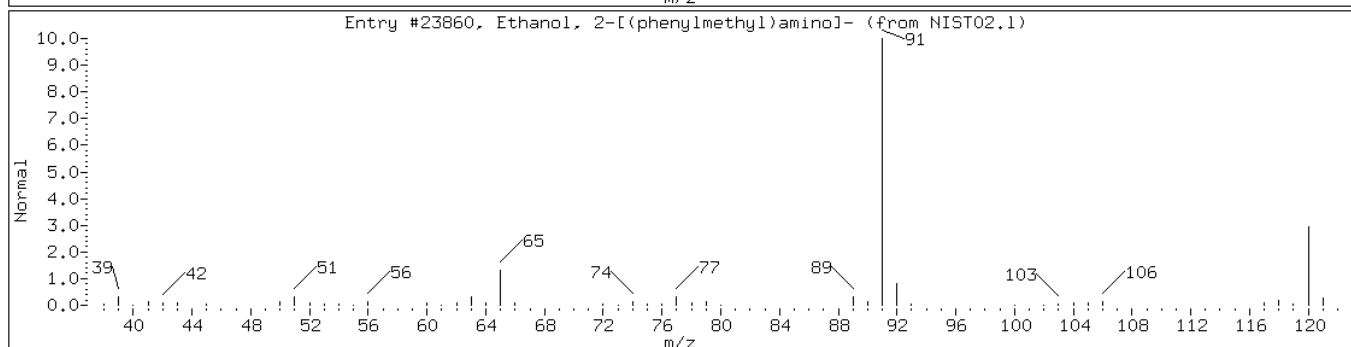
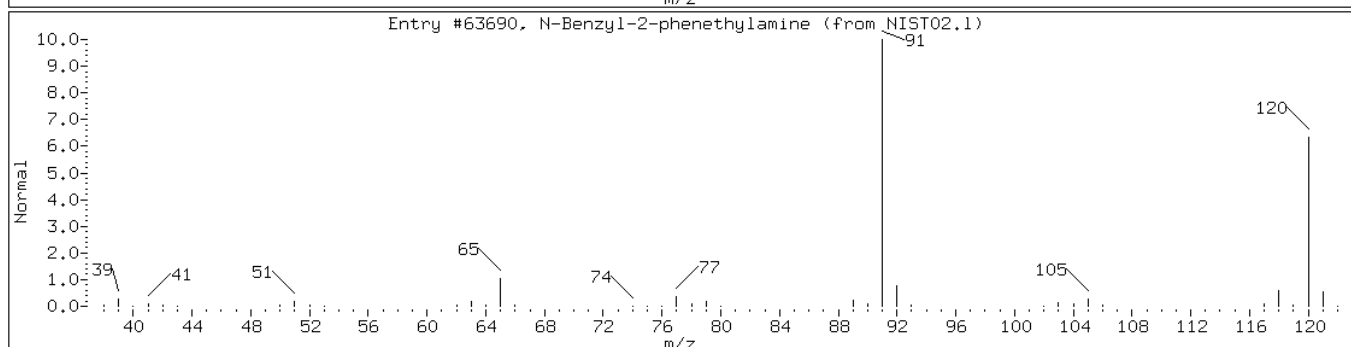
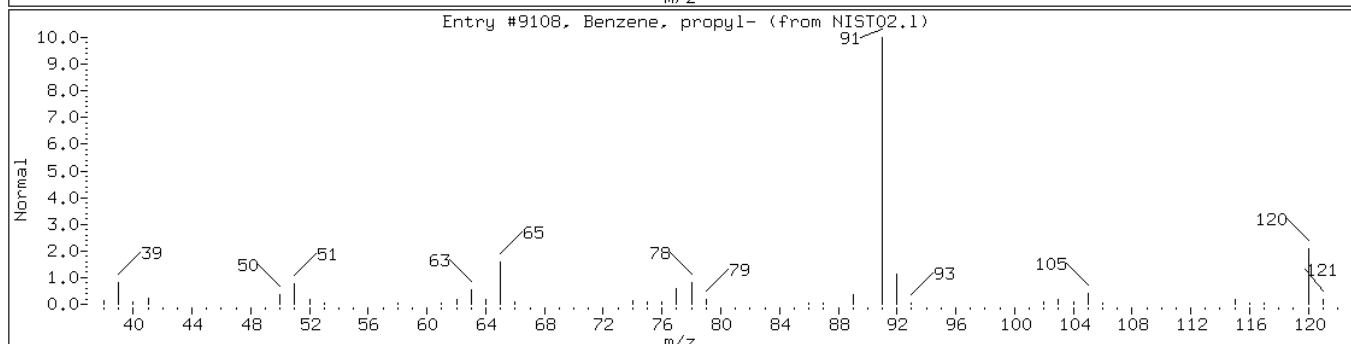
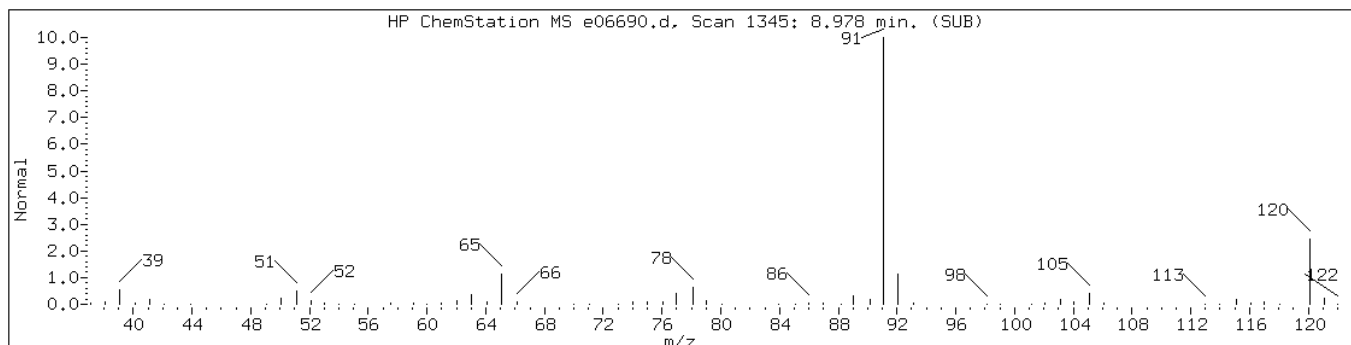
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 8.98

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



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

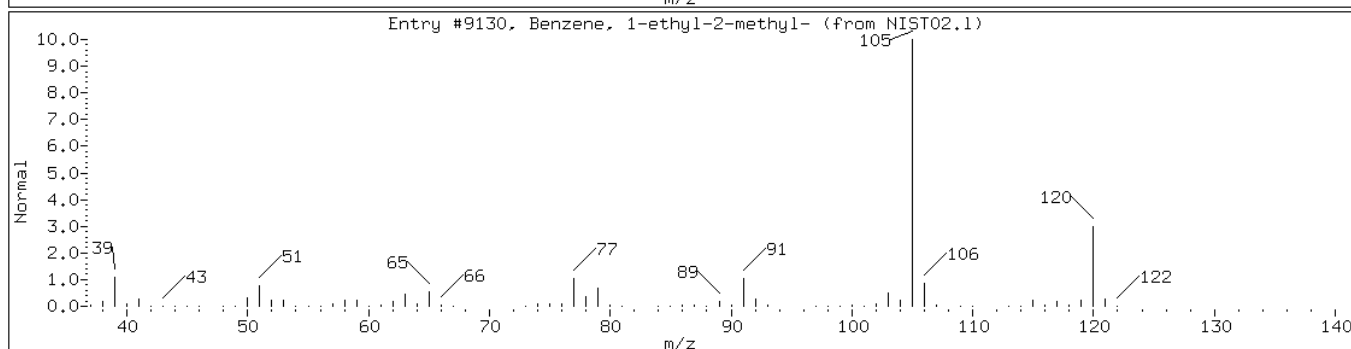
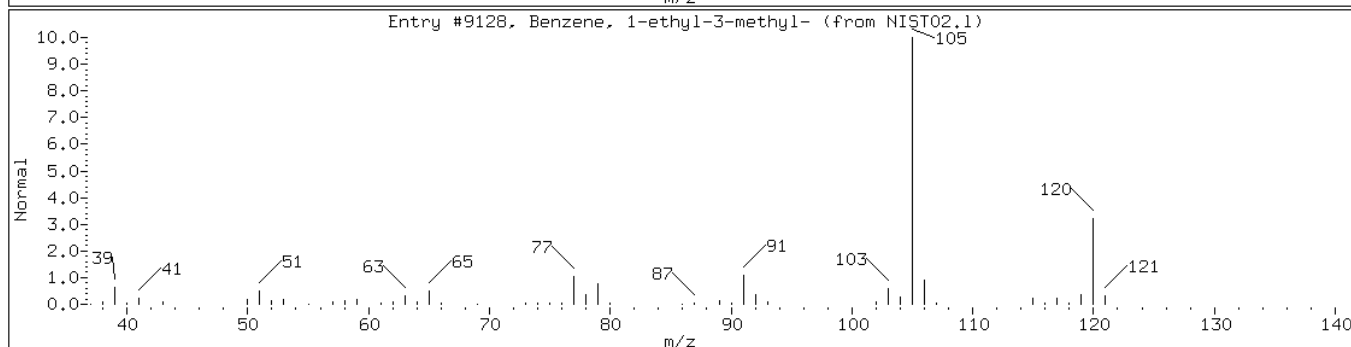
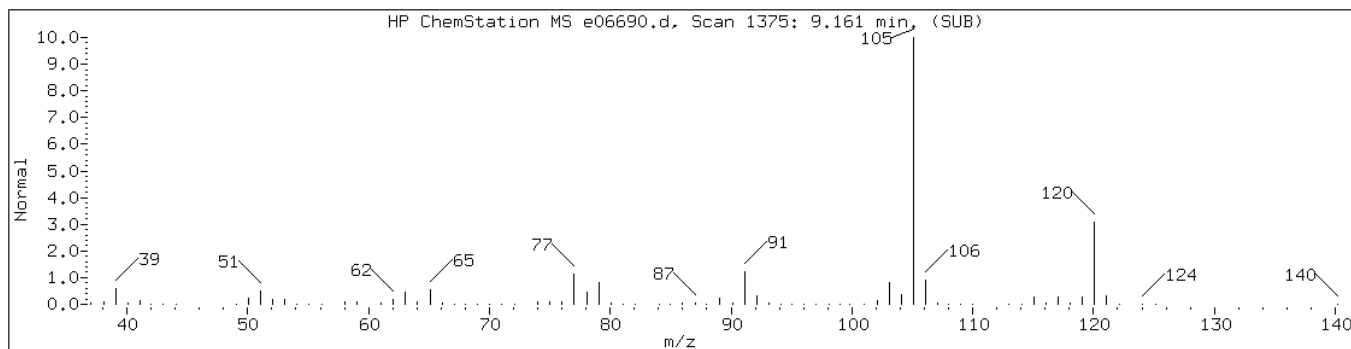
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

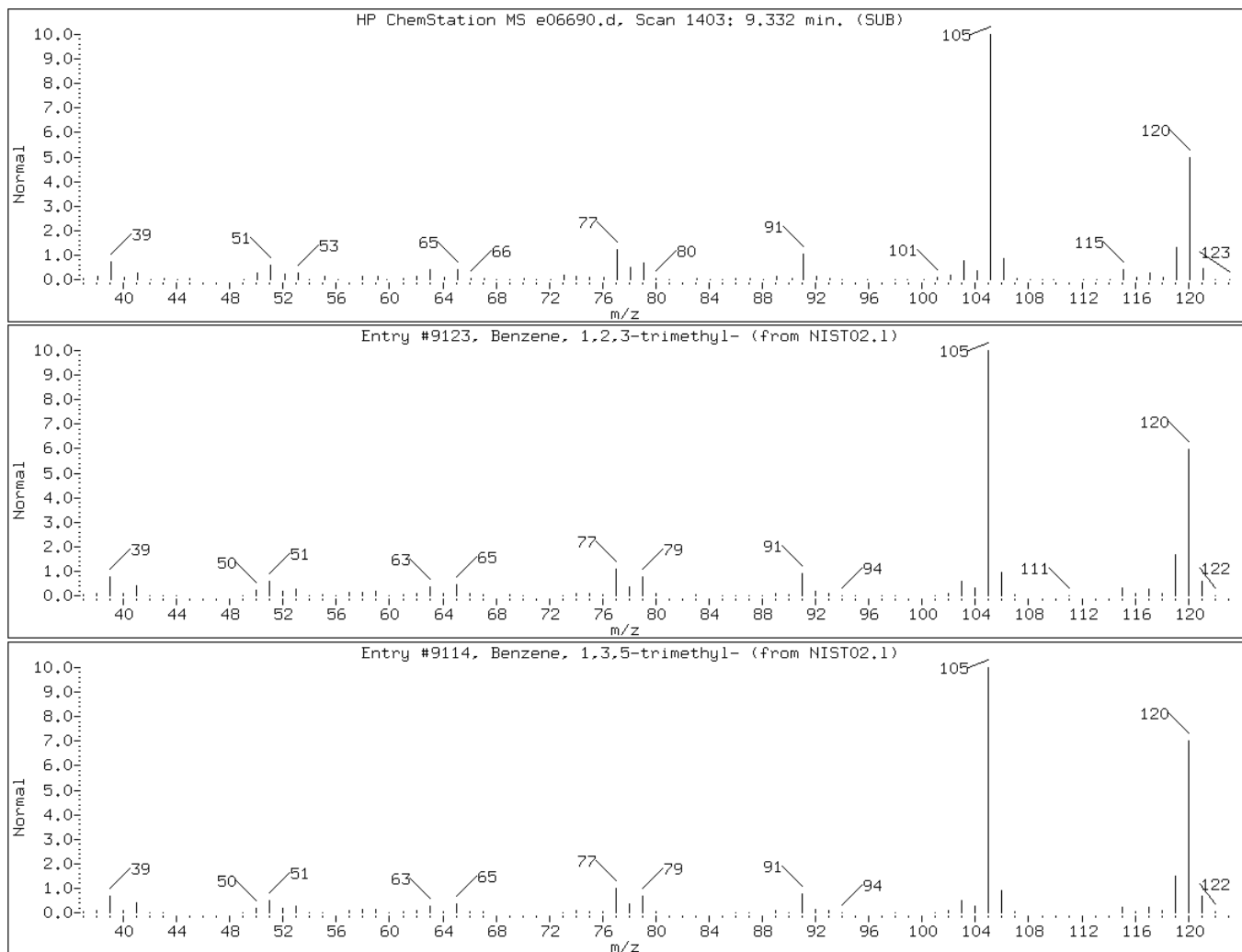
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	97	C9H12	120



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

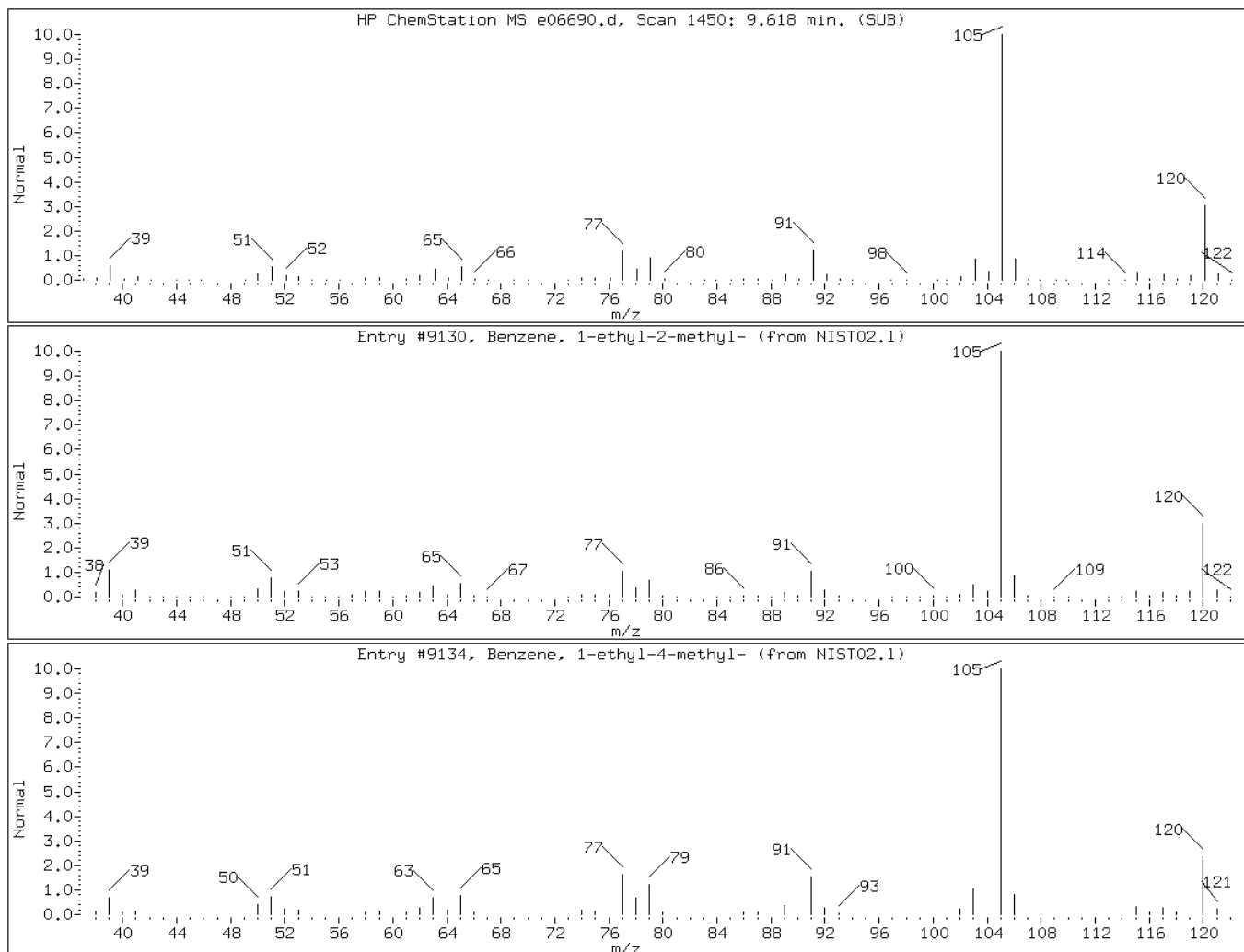
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.1	9134	93	C9H12	120



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

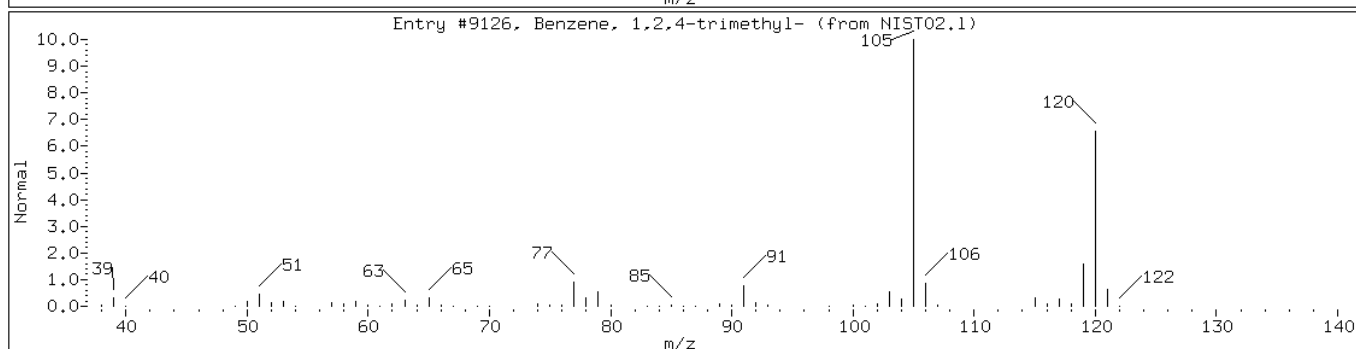
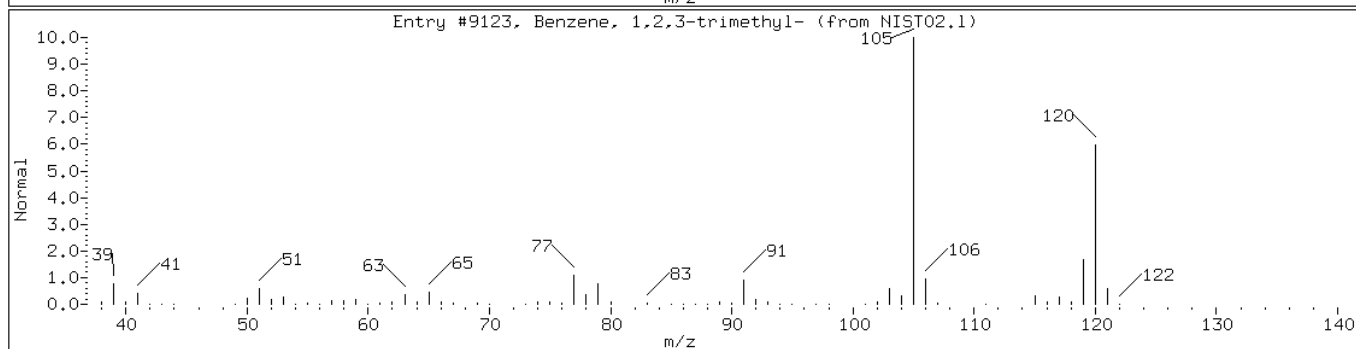
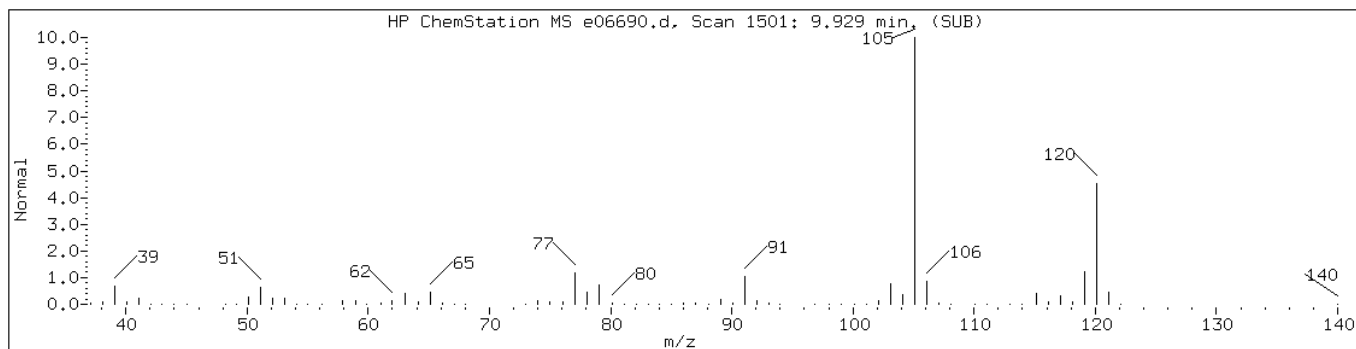
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9126	95	C9H12	120



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

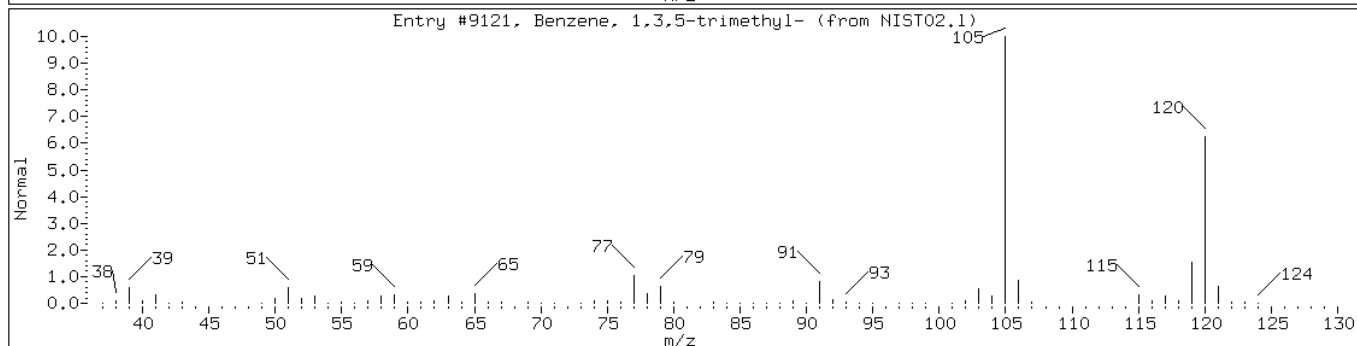
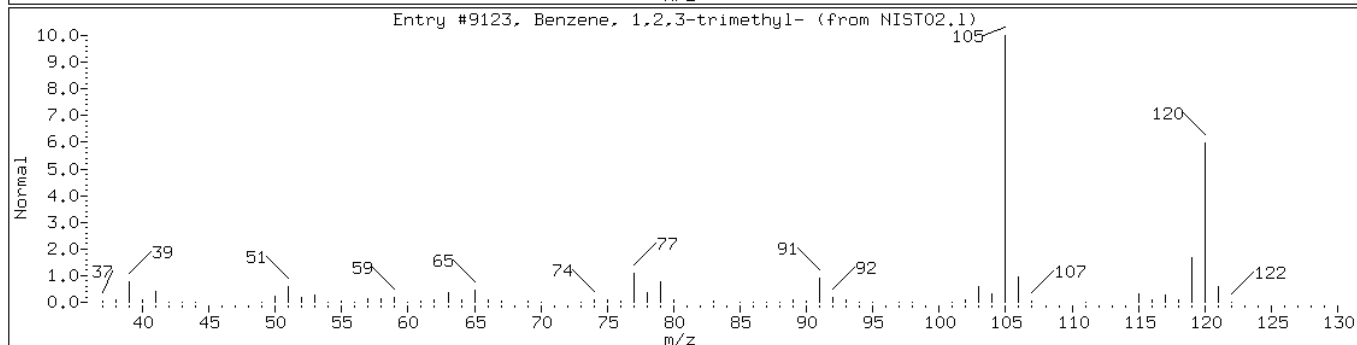
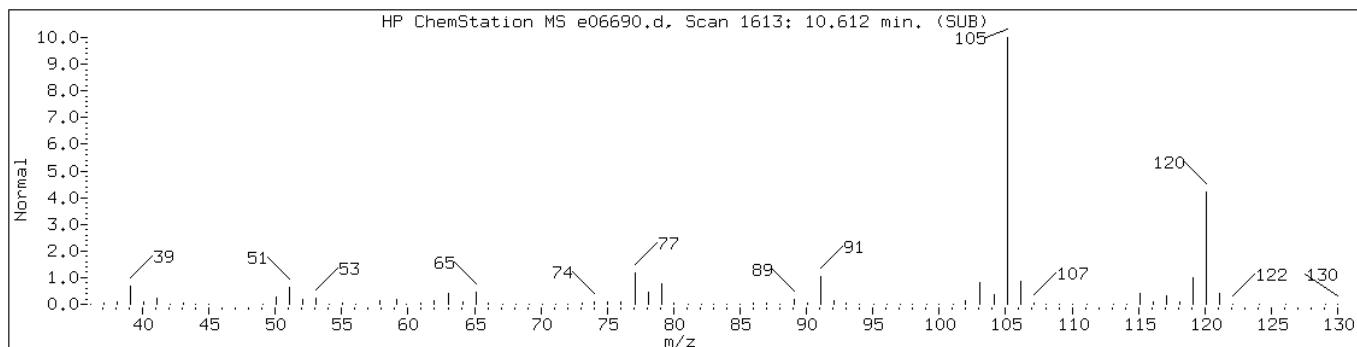
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	94	C9H12	120



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

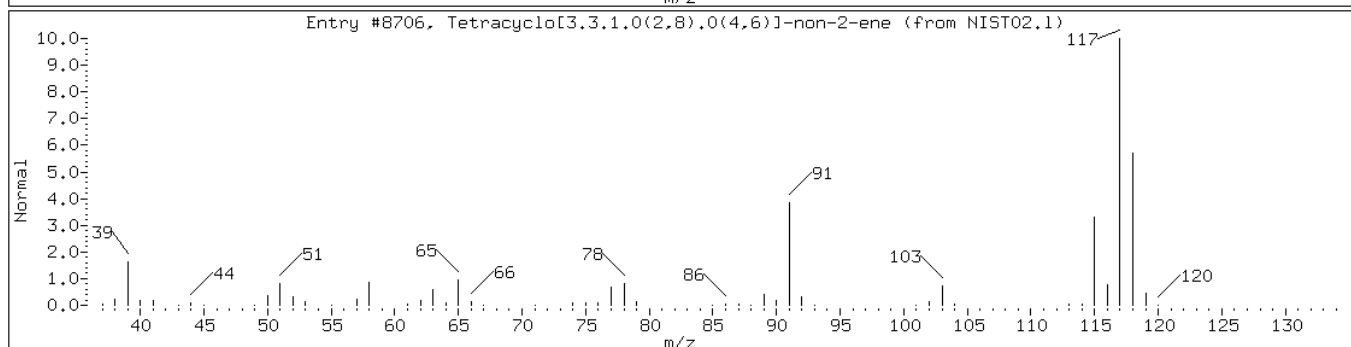
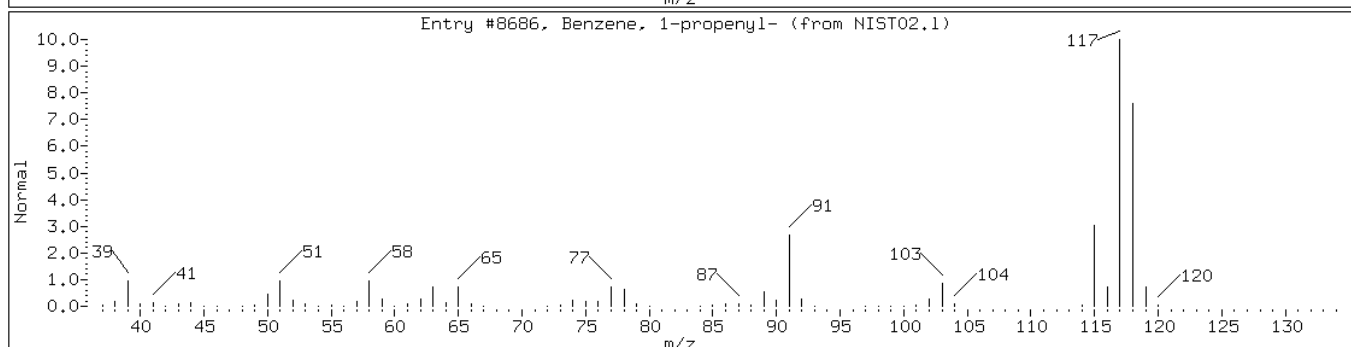
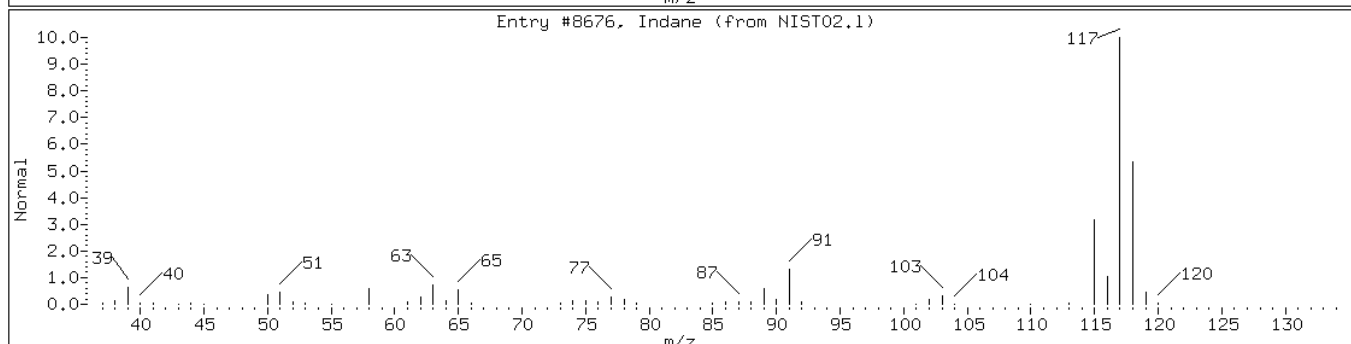
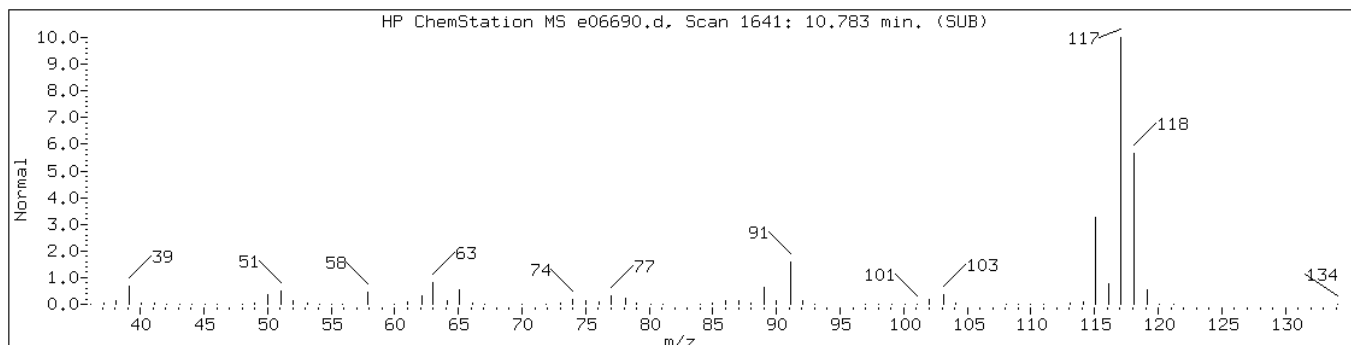
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.1	8686	83	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.1	8706	80	C9H10	118



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

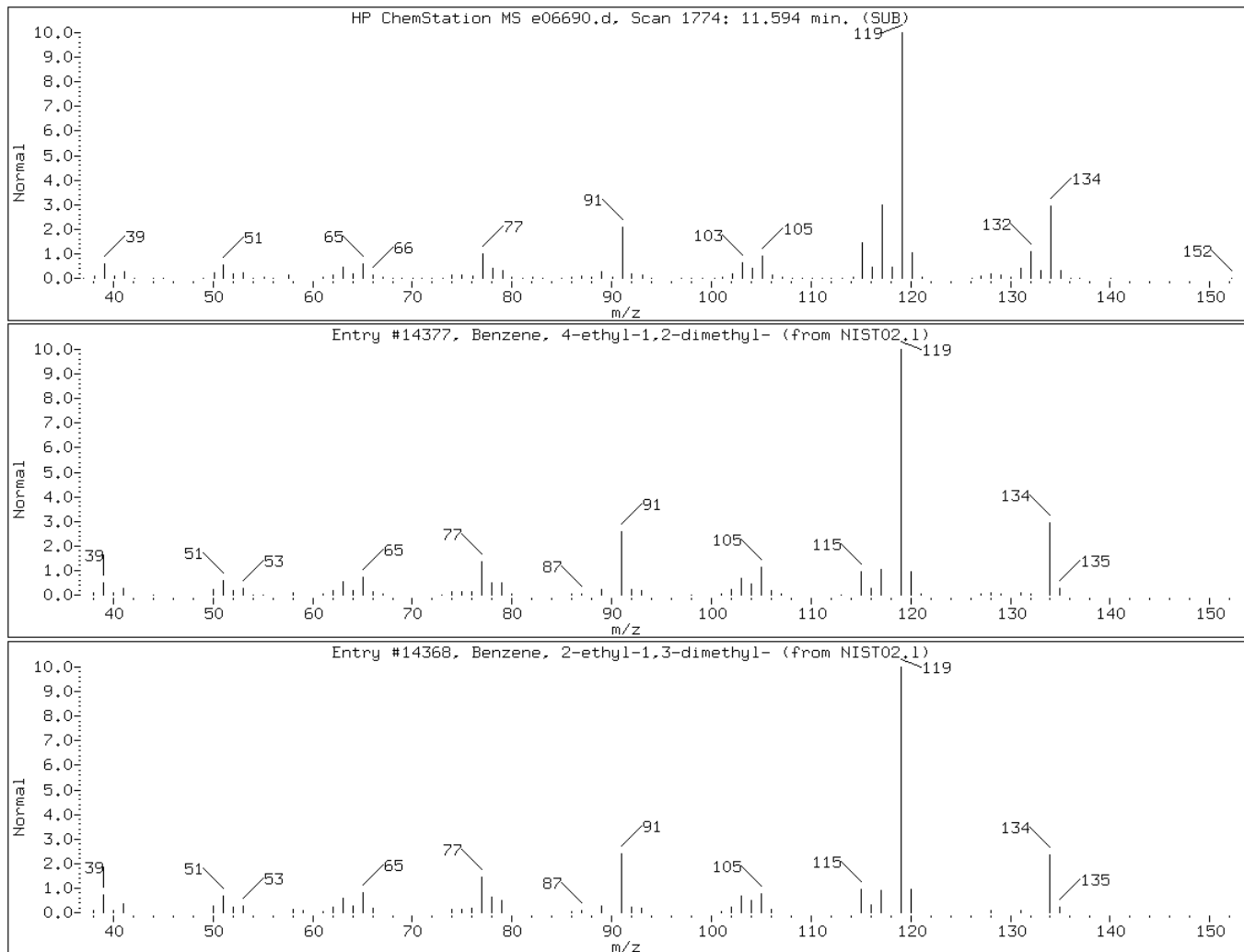
Instrument: VOAMS5.i

Sample Info: 460-43314-C-2

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.L	14377	93	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	93	C10H14	134



Data File: e06690.d

Date: 13-AUG-2012 12:55

Client ID: WG-17338-080812-VAS

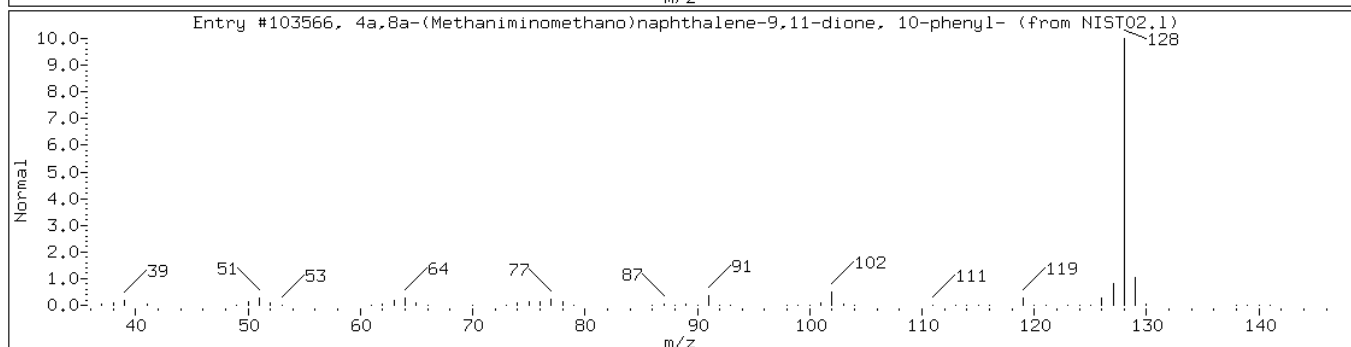
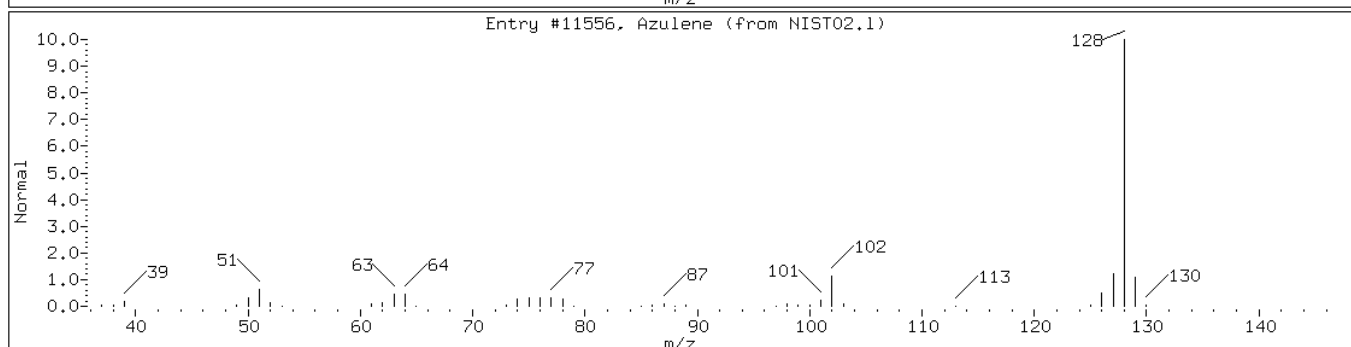
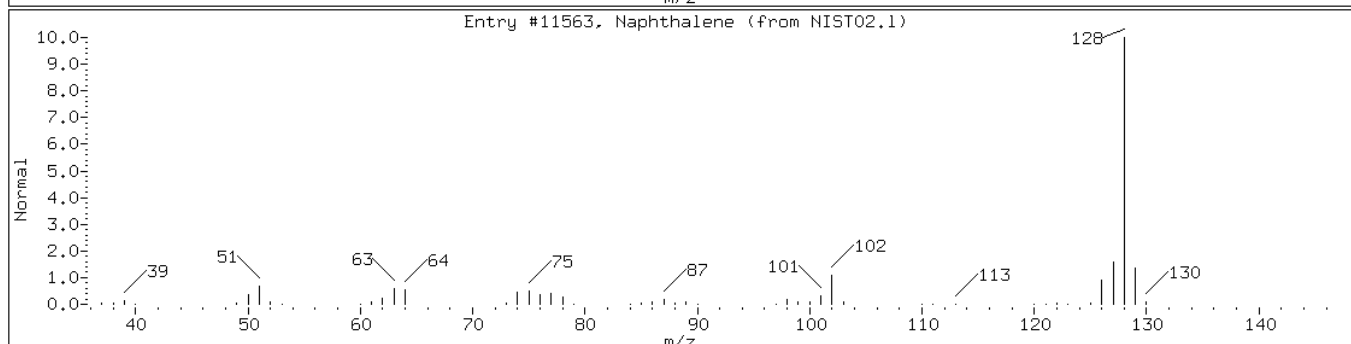
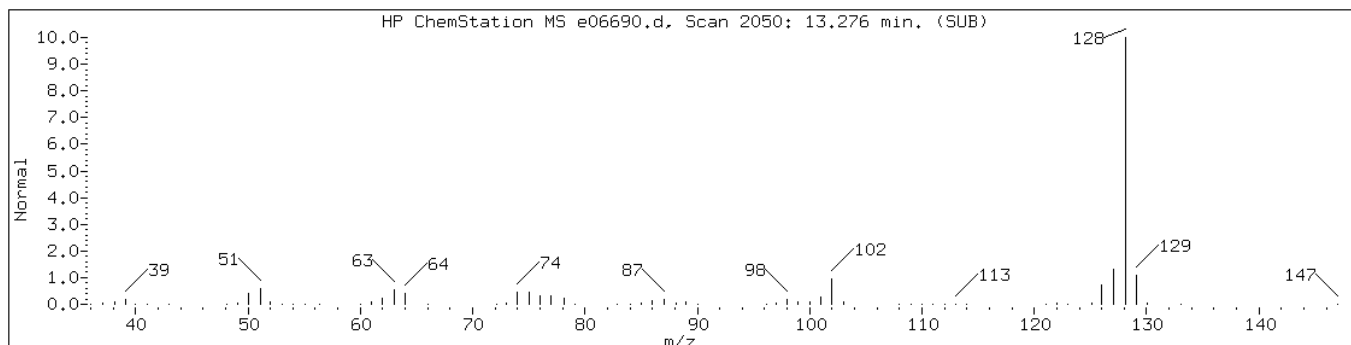
Instrument: VOAMS5.i

Sample Info: 460-43314-C-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	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11556	94	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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-2 DL
Matrix: Water Lab File ID: e06569.d
Analysis Method: 8260B Date Collected: 08/08/2012 10:15
Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 15:54
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	450	D	2.0	0.20
71-43-2	Benzene	400	D	2.0	0.16
108-88-3	Toluene	480	D	2.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	D	70-130
460-00-4	4-Bromofluorobenzene	99	D	70-130
2037-26-5	Toluene-d8 (Surr)	98	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06569.d
 Report Date: 13-Aug-2012 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06569.d
 Lab Smp Id: 460-43314-B-2 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 10-AUG-2012 15:54
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-2;2
 Misc Info : 460-43314-B-2
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 19
 Dil Factor: 2.00000
 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	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
16 Acetone	58	1.882	1.888	(0.523)	28869	80.6954	160(H)	
38 2-Butanone	72	3.071	3.071	(0.854)	10117	16.6719	33	
44 Cyclohexane	56	2.784	2.778	(0.774)	260599	55.0586	110	
48 Benzene	78	3.260	3.254	(0.469)	2793088	200.092	400	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	264667	53.9495	54	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	843307	50.0000		
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	232350	47.3895	95	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	810517	49.1462	49	
66 Toluene	91	5.168	5.162	(0.743)	4069211	237.570	480	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	718903	50.0000		
79 Chlorobenzene	112	6.979	6.972	(1.004)	2274	0.18949	0.38(a)	
81 Ethylbenzene	106	7.070	7.064	(1.017)	1427964	226.117	450	
82 m+p-Xylene	106	7.283	7.277	(1.047)	2236749	271.263	540	
84 o-Xylene	106	7.863	7.863	(1.131)	367168	45.4606	91	
85 Styrene	104	7.942	7.942	(1.142)	77109	5.72614	11	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	343767	16.3949	33	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06569.d
 Report Date: 13-Aug-2012 12:31

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)	380399	49.6315	50	
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	3536	0.31133	0.62(a)	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	447032	50.0000		
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	7570	0.65194	1.3(a)	
111 1,2-Dichlorobenzene	146	11.155	11.148	(1.066)	24671	2.28762	4.6	
M 121 Xylene (Total)	100				2603917	316.724	630	

QC Flag Legend

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

Data File: e06569.d

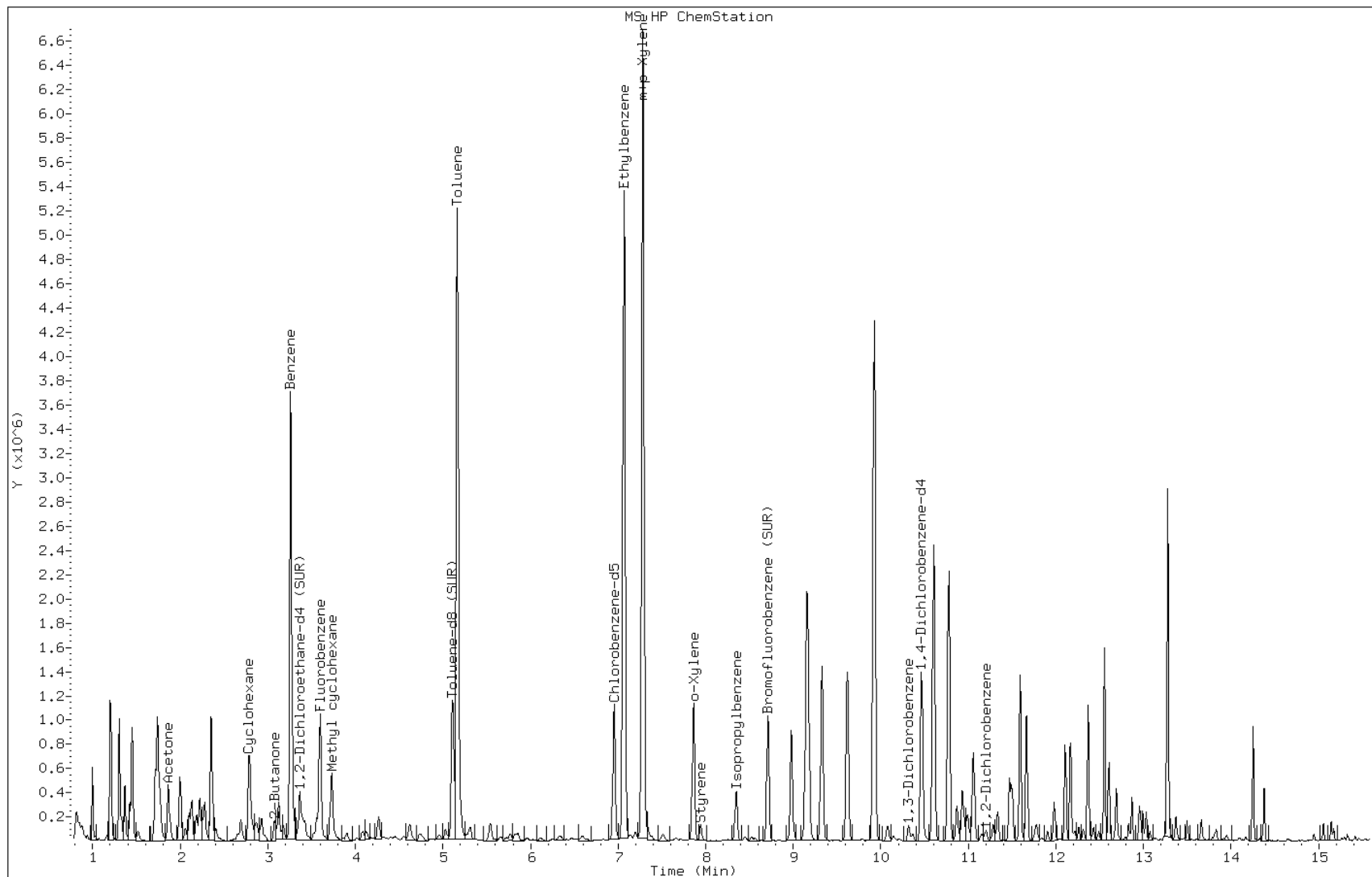
Date: 10-AUG-2012 15:54

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-2;2

Operator: GC/MS VOAMS5



Data File: e06569.d

Date: 10-AUG-2012 15:54

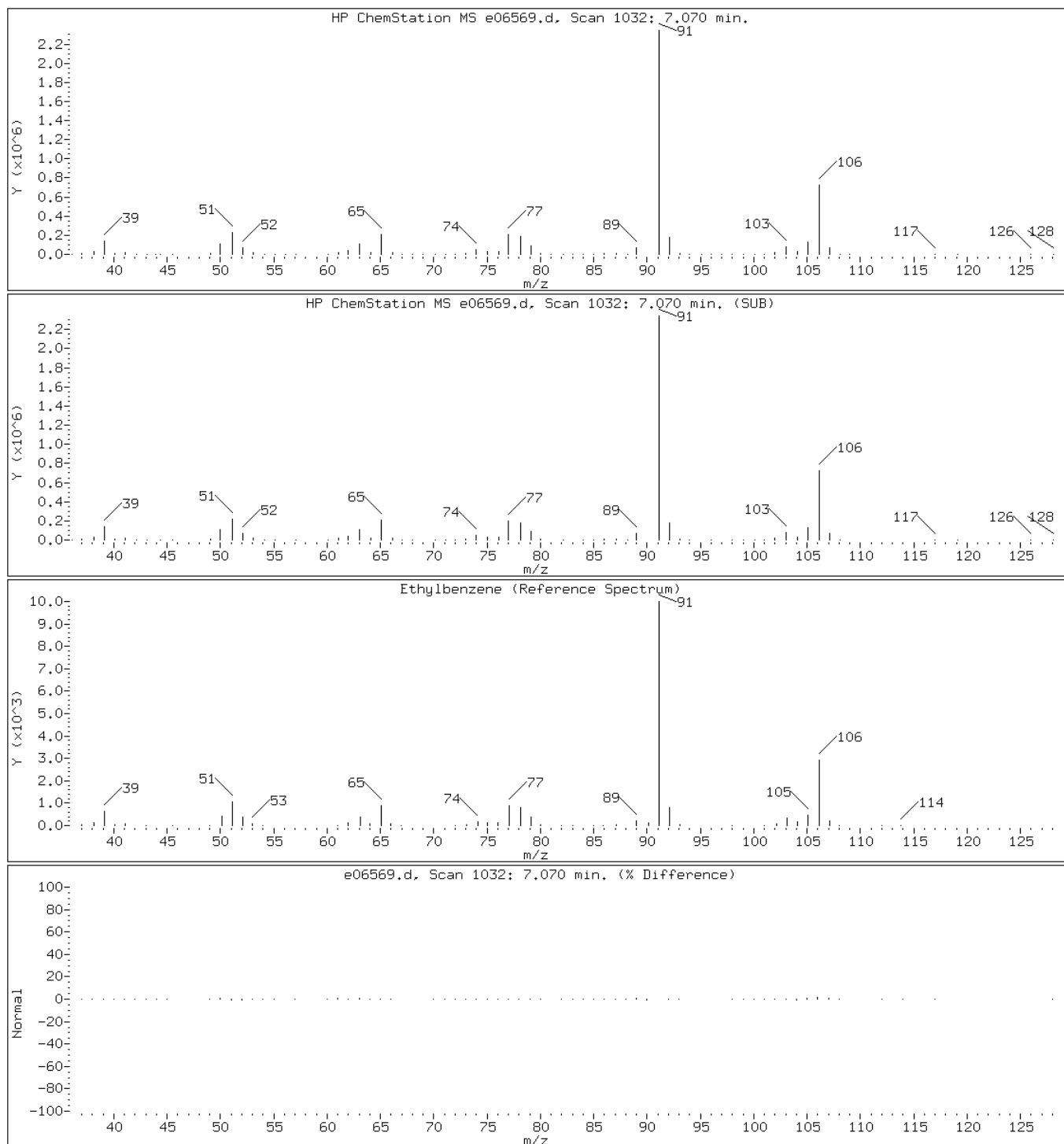
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-2;2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06569.d

Date: 10-AUG-2012 15:54

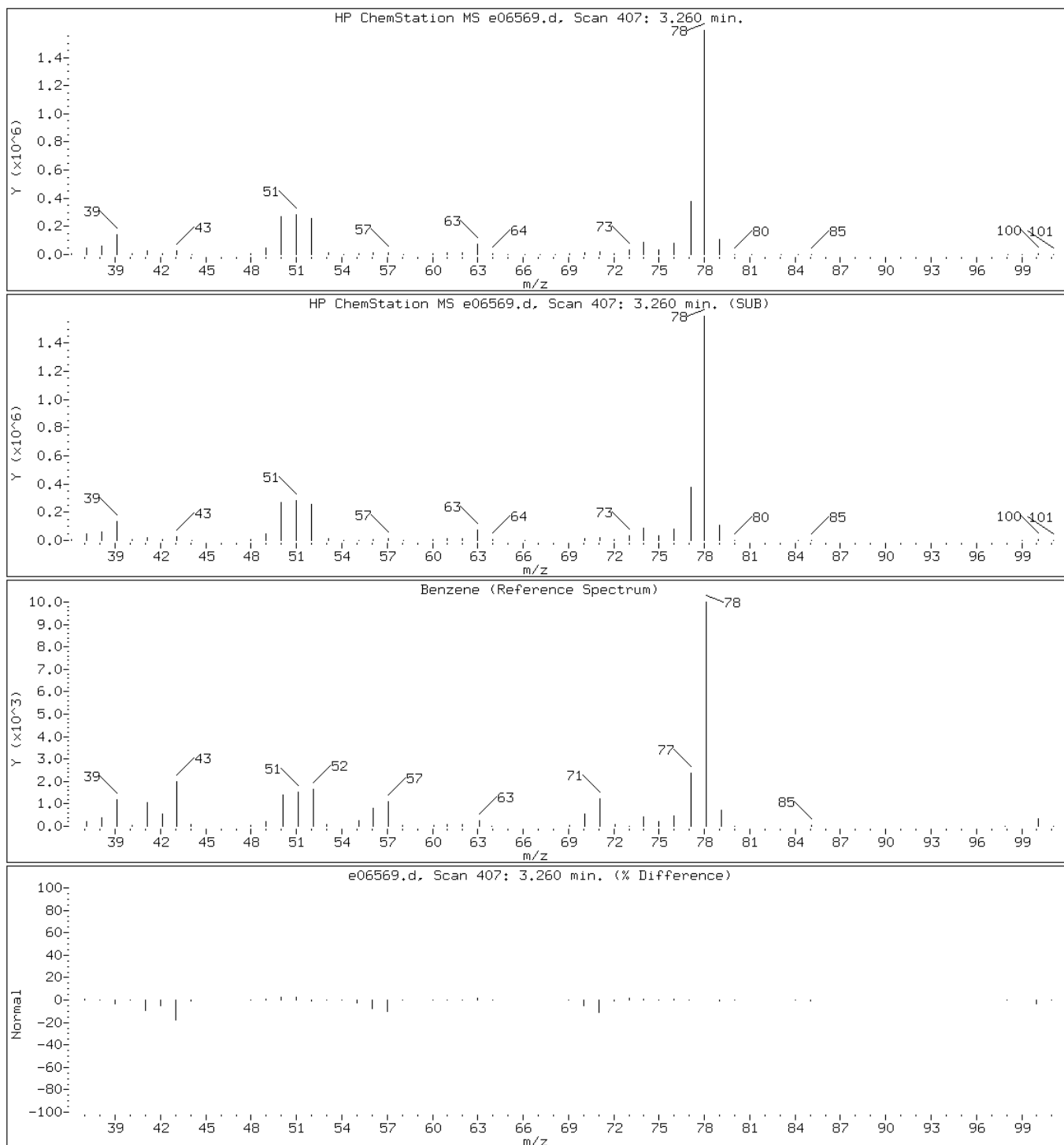
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-2;2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06569.d

Date: 10-AUG-2012 15:54

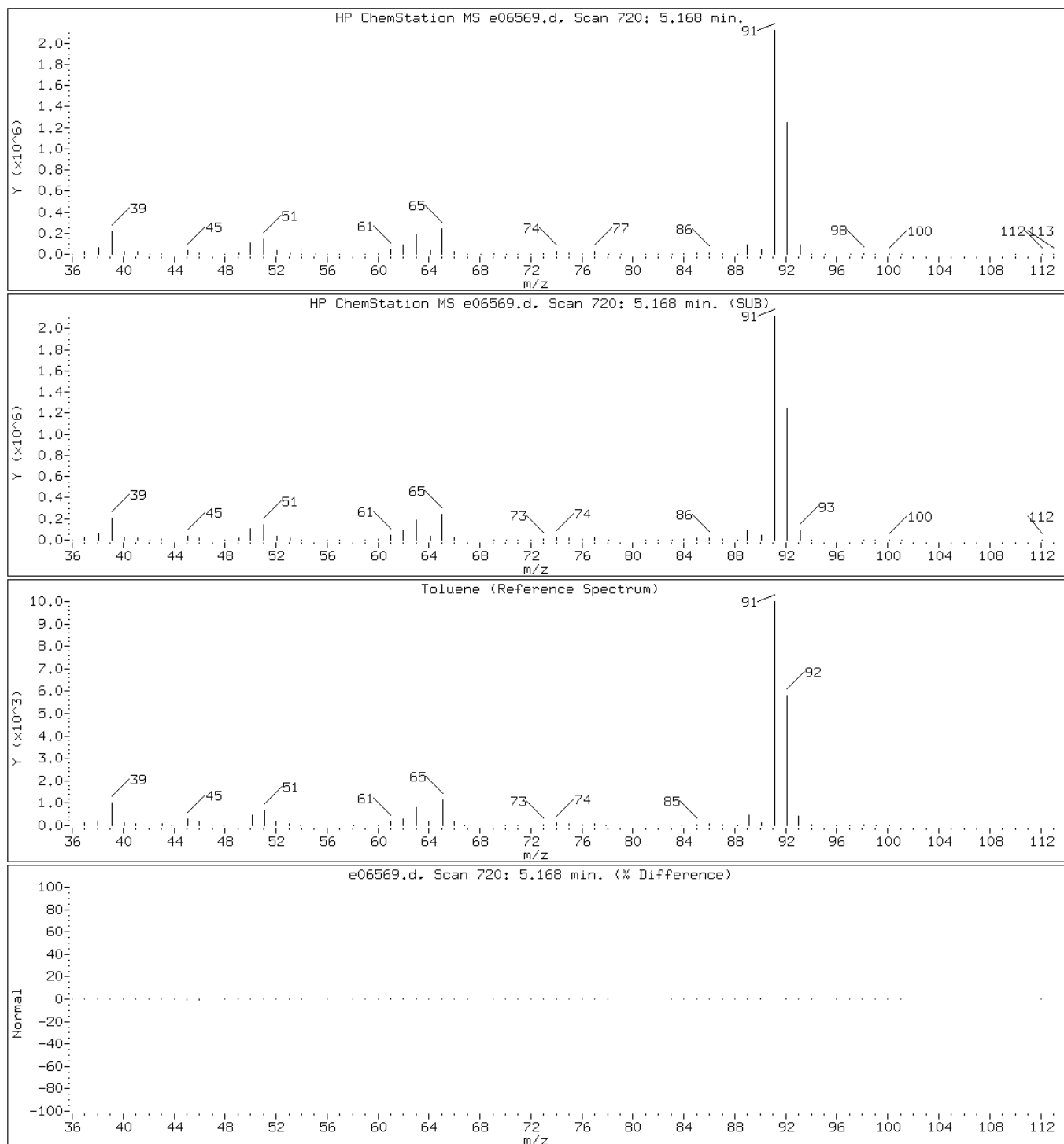
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-2;2

Operator: GC/MS VOAMS5

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-3
 Matrix: Water Lab File ID: e06720.d
 Analysis Method: 8260B Date Collected: 08/08/2012 11:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 02:40
 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.: 123852 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	2.0		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	58		5.0	2.7
75-15-0	Carbon disulfide	0.77	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	15		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	510	E	1.0	0.10
110-82-7	Cyclohexane	54		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	210		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	34		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	780	E	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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-3
 Matrix: Water Lab File ID: e06720.d
 Analysis Method: 8260B Date Collected: 08/08/2012 11:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 02:40
 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.: 123852 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	0.16	J	1.0	0.11
1330-20-7	Xylenes, Total	650		3.0	0.36
100-42-5	Styrene	13		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	23		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	0.29	J	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.57	J	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	97		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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-3
Matrix: Water Lab File ID: e06720.d
Analysis Method: 8260B Date Collected: 08/08/2012 11:30
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 02:40
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.: 123852 Units: ug/L
Number TICs Found: 10 TIC Result Total: 713

CAS NO.	COMPOUND NAME	RT	RESULT	Q
103-65-1	Benzene, propyl-	8.98	43	J N
	Ethylmethylbenzene isomer	9.17	82	J
	Trimethylbenzene isomer	9.33	43	J
	Ethylmethylbenzene isomer-1	9.62	47	J
	Trimethylbenzene isomer-1	9.92	110	J
	Trimethylbenzene isomer-2	10.61	120	J
496-11-7	Indane	10.78	110	J N
	Ethyl dimethylbenzene isomer	11.59	46	J
	2,3-dihydro-methyl-1H-Indene isomer	12.56	45	J
91-20-3	Naphthalene	13.28	67	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06720.d
 Report Date: 14-Aug-2012 13:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06720.d
 Lab Smp Id: 460-43314-C-3
 Inj Date : 14-AUG-2012 02:40
 Operator : GC/MS VOAMS5
 Smp Info : 460-43314-C-3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 06:09 audberto Quant Type: ISTD
 Cal Date : 14-AUG-2012 04:43 Cal File: e06725.d
 Als bottle: 20
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Compound Sublist: HSLDEL.sub

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
16 Acetone	58	1.888	1.888	(0.525)	20137	58.1016	58	
18 Carbon Disulfide	76	1.571	1.559	(0.437)	8110	0.77469	0.77(a)	
38 2-Butanone	72	3.071	3.071	(0.854)	8288	15.0039	15	
44 Cyclohexane	56	2.784	2.778	(0.774)	277226	53.7087	54	
48 Benzene	78	3.260	3.254	(0.469)	2400029	213.935	210	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	232628	54.1310	54	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	756227	50.0000		
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	182698	34.2107	34	
\$ 65 Toluene-d8 (SUR)	98	5.113	5.107	(0.735)	721132	49.9886	50	
66 Toluene	91	5.174	5.162	(0.744)	11482867	776.350	780(A)	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	661033	50.0000		
79 Chlorobenzene	112	6.972	6.973	(1.003)	1794	0.16468	0.16(a)	
81 Ethylbenzene	106	7.076	7.064	(1.018)	2859997	506.350	510(A)	
82 m+p-Xylene	106	7.295	7.277	(1.049)	4356616	613.922	610	
84 o-Xylene	106	7.862	7.863	(1.131)	280540	38.9868	39	
85 Styrene	104	7.948	7.942	(1.143)	163488	13.2626	13	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06720.d
 Report Date: 14-Aug-2012 13:39

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	==	=====	=====	=====	=====	=====	
88 Isopropylbenzene	105	8.350	8.350	(1.201)	439955	22.6541	23	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	343510	48.3649	48	
105 1,3-Dichlorobenzene	146	10.331	10.332	(0.987)	3115	0.29279	0.29(a)	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	417228	50.0000		
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	6330	0.57490	0.57(a)	
111 1,2-Dichlorobenzene	146	11.154	11.155	(1.066)	20446	1.98917	2.0	
M 121 Xylene (Total)	100				4637156	652.909	650	

QC Flag Legend

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

Data File: e06720.d

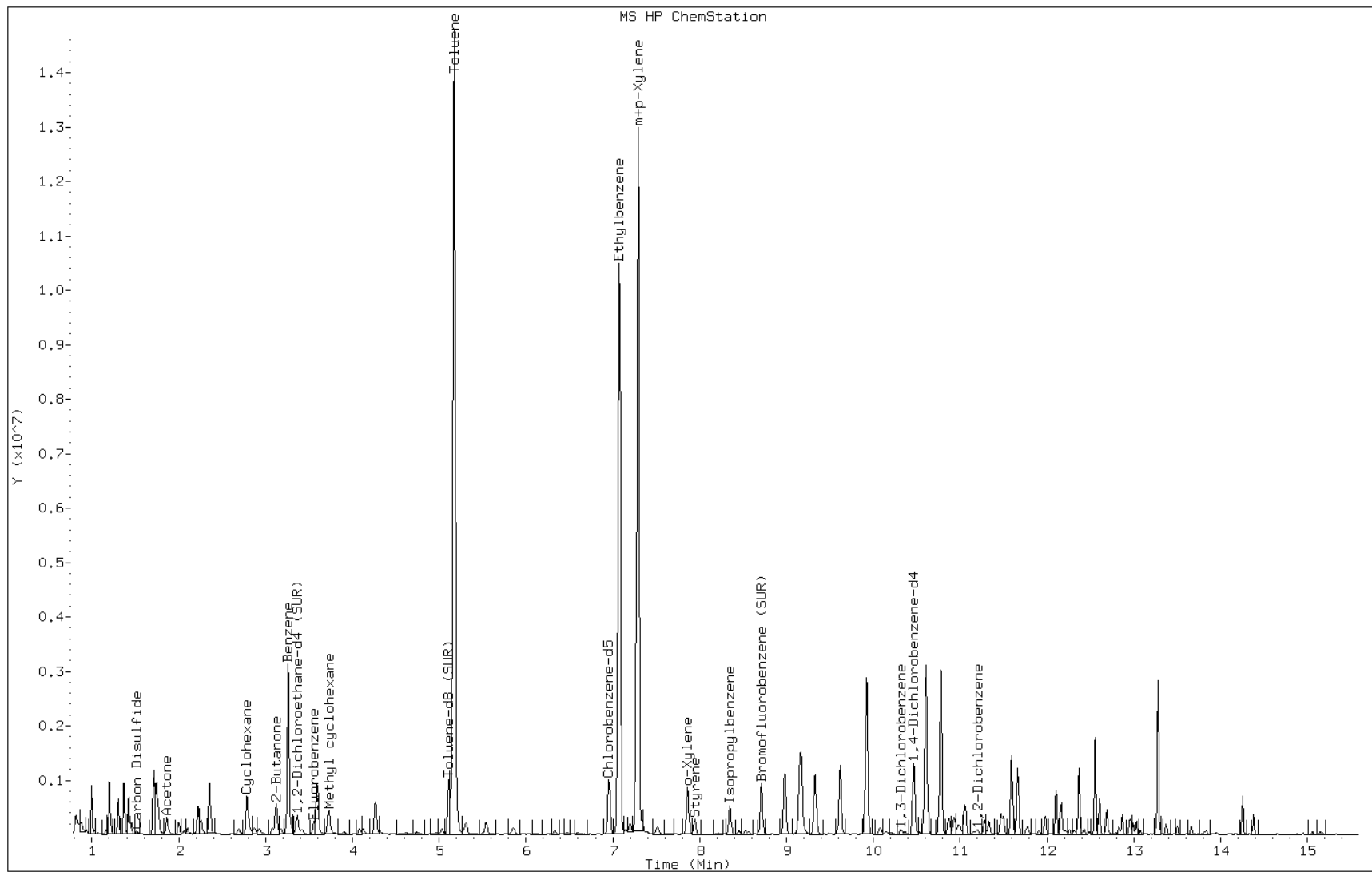
Date: 14-AUG-2012 02:40

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5



Data File: e06720.d

Date: 14-AUG-2012 02:40

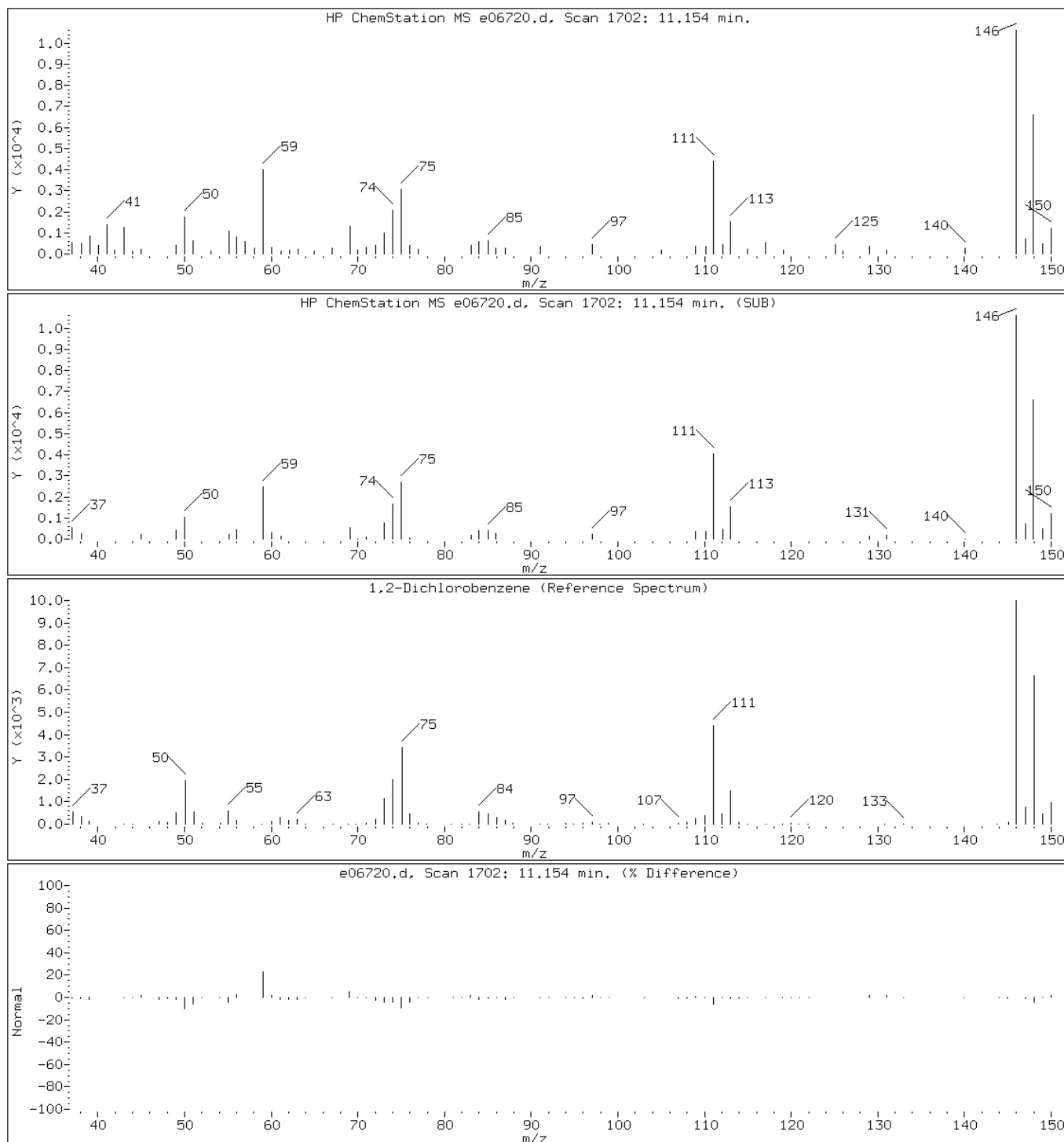
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

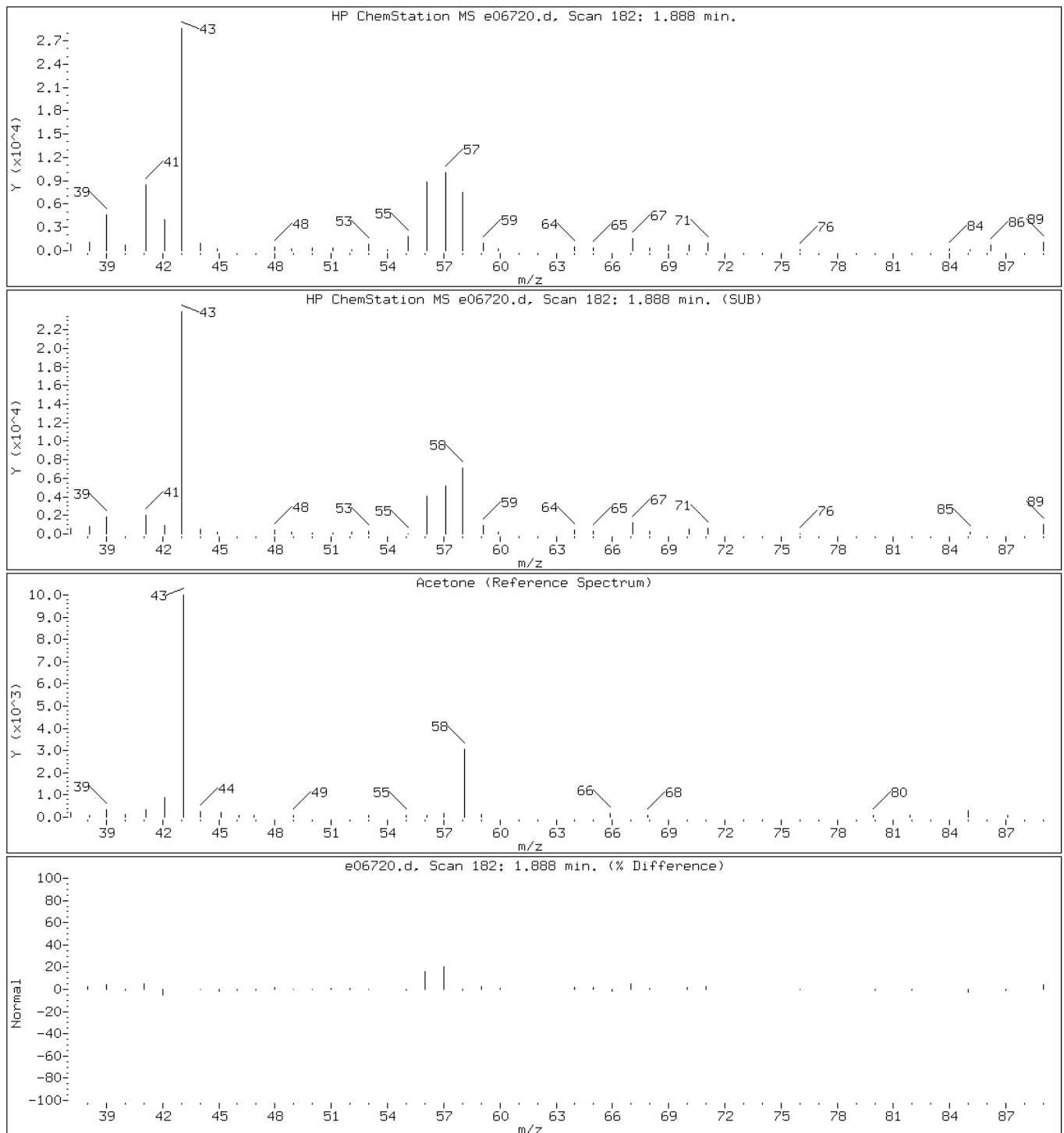
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06720.d

Date: 14-AUG-2012 02:40

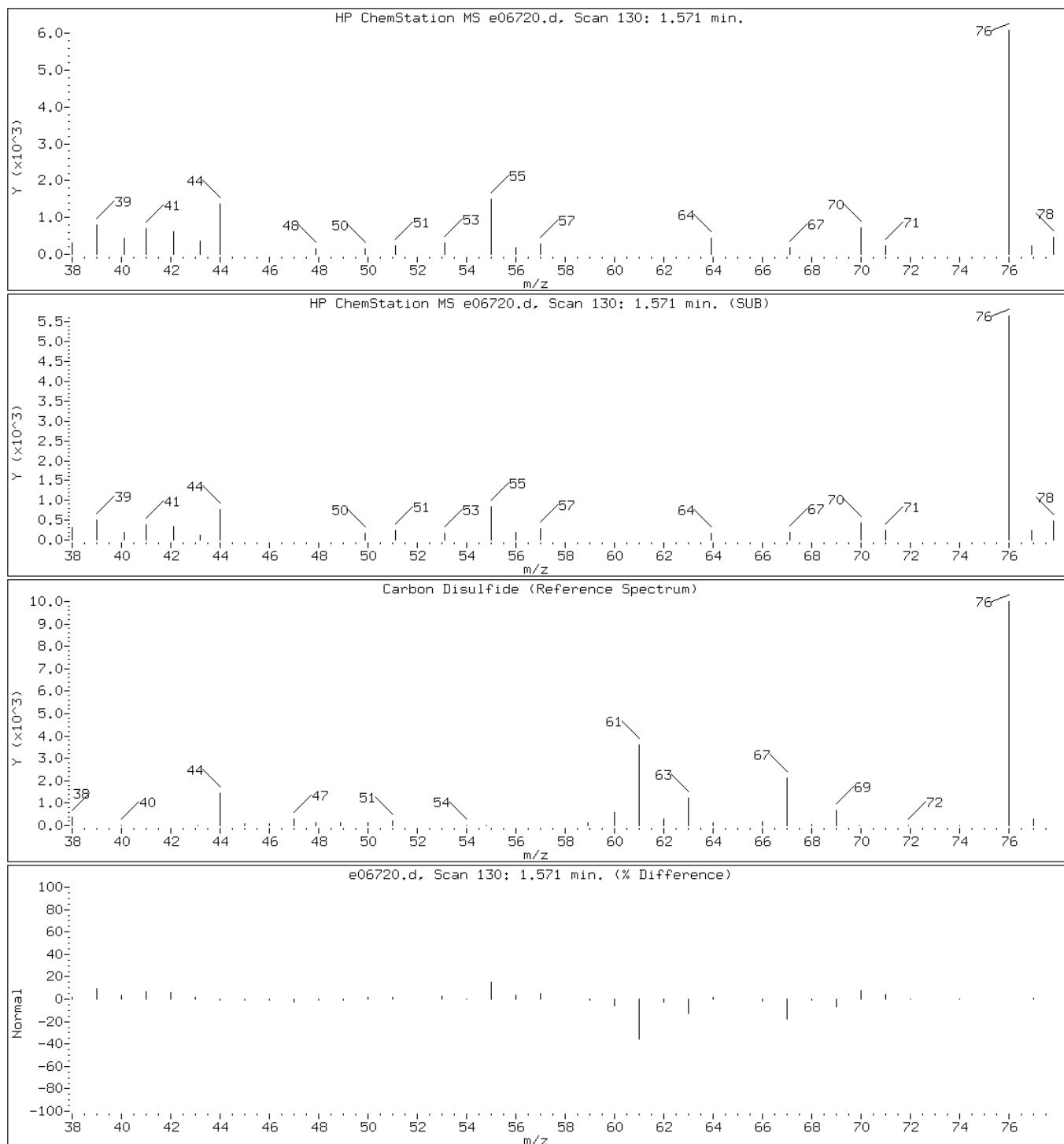
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

18 Carbon Disulfide



Data File: e06720.d

Date: 14-AUG-2012 02:40

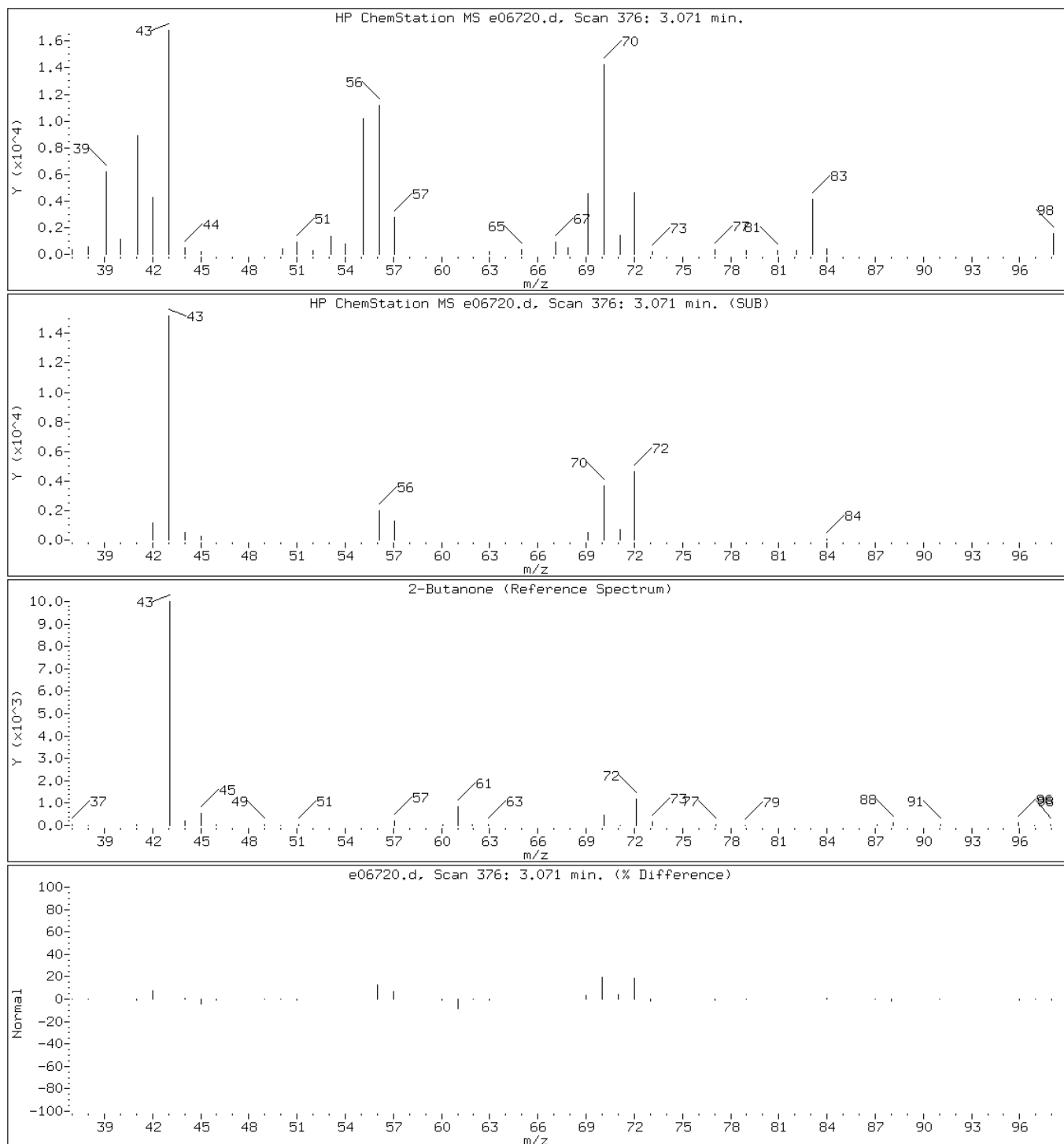
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06720.d

Date: 14-AUG-2012 02:40

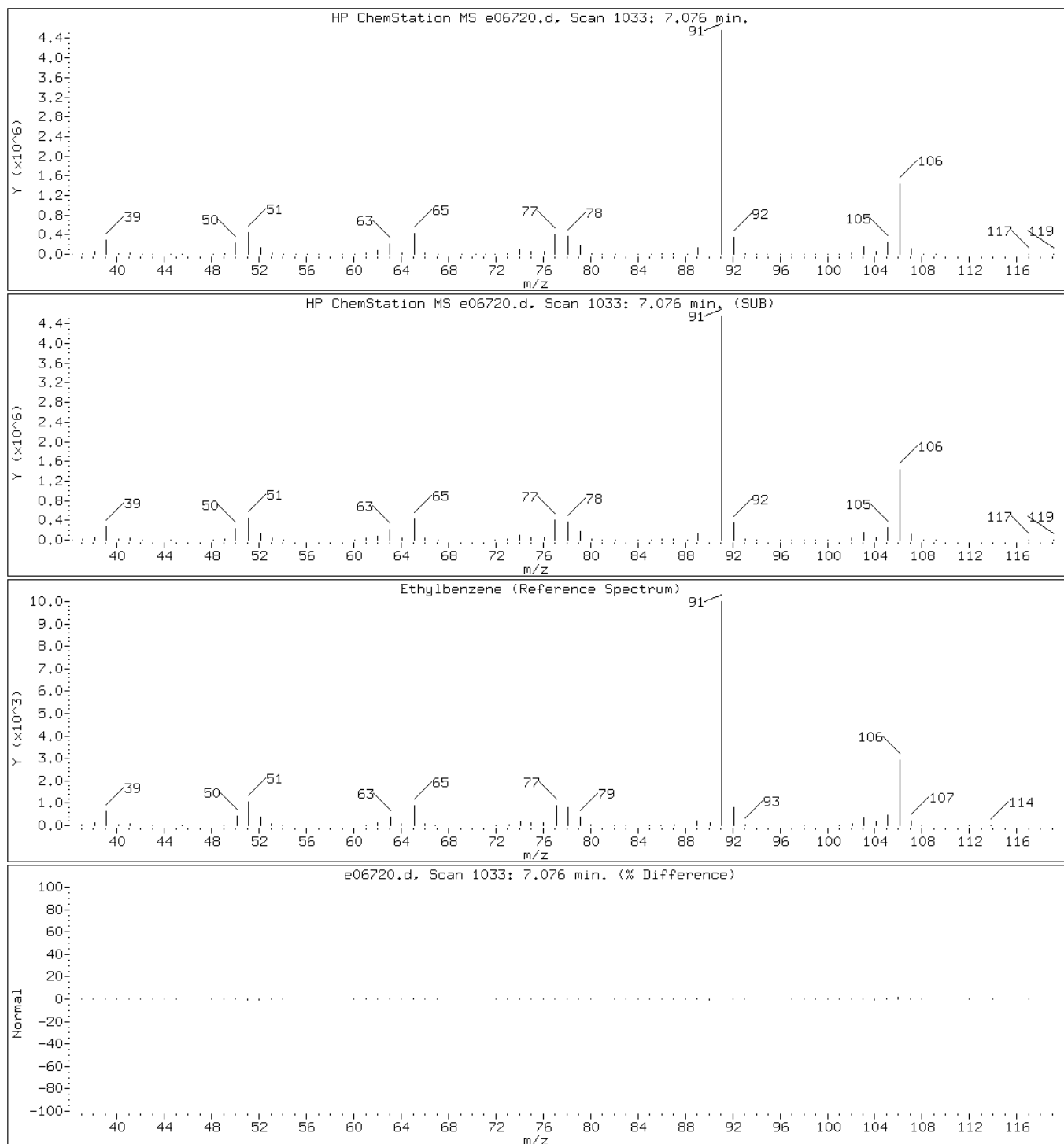
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

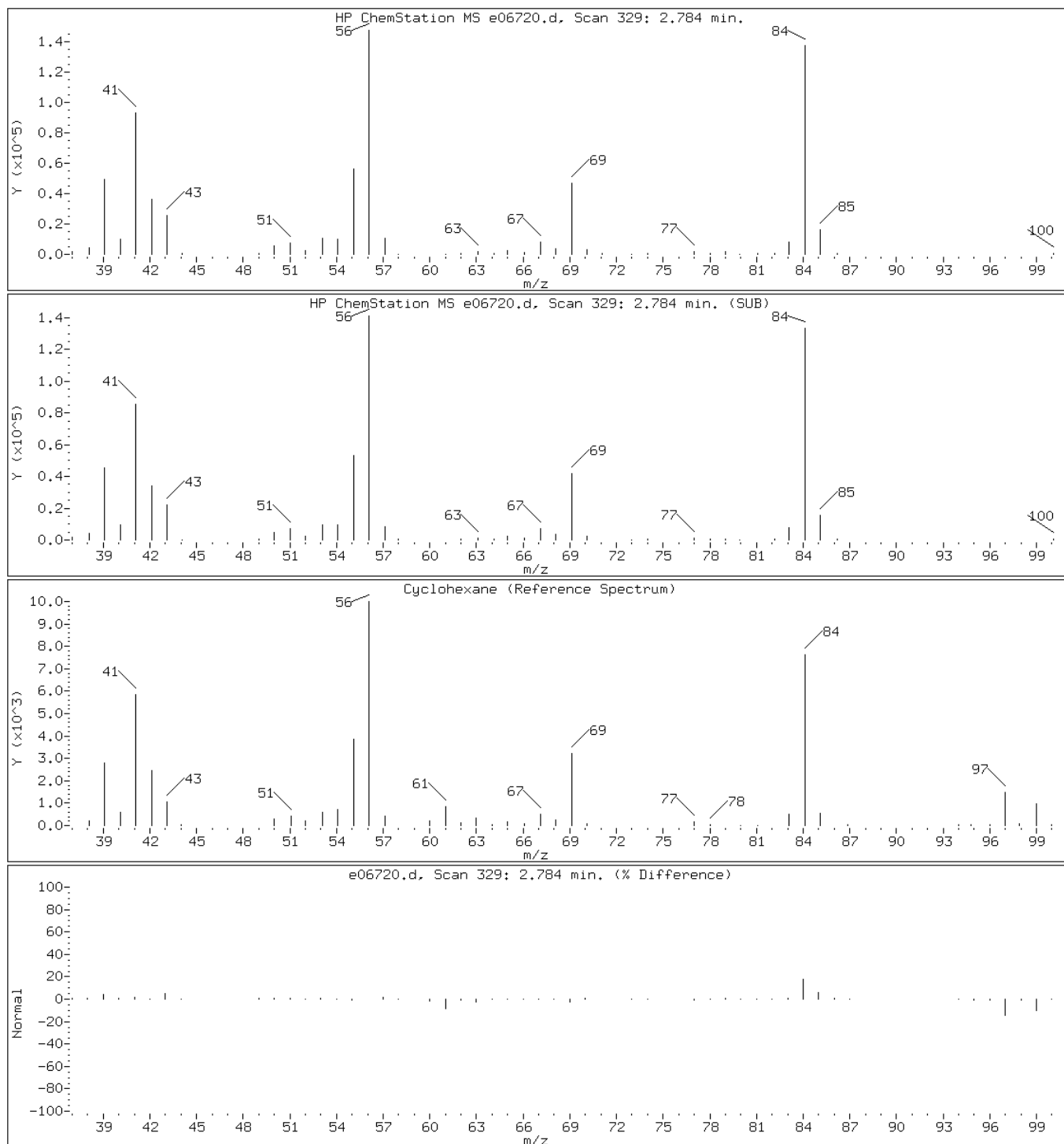
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06720.d

Date: 14-AUG-2012 02:40

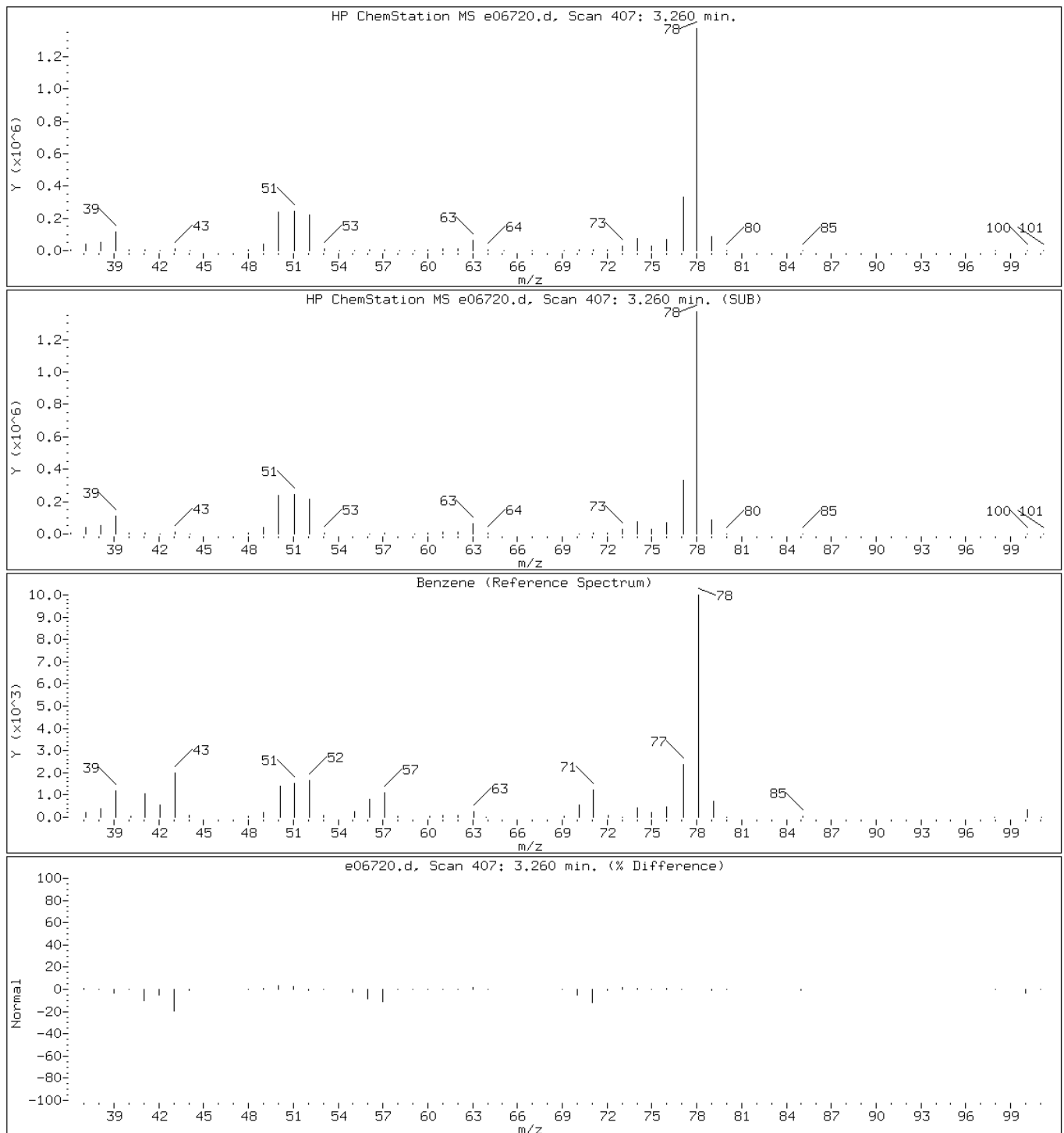
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

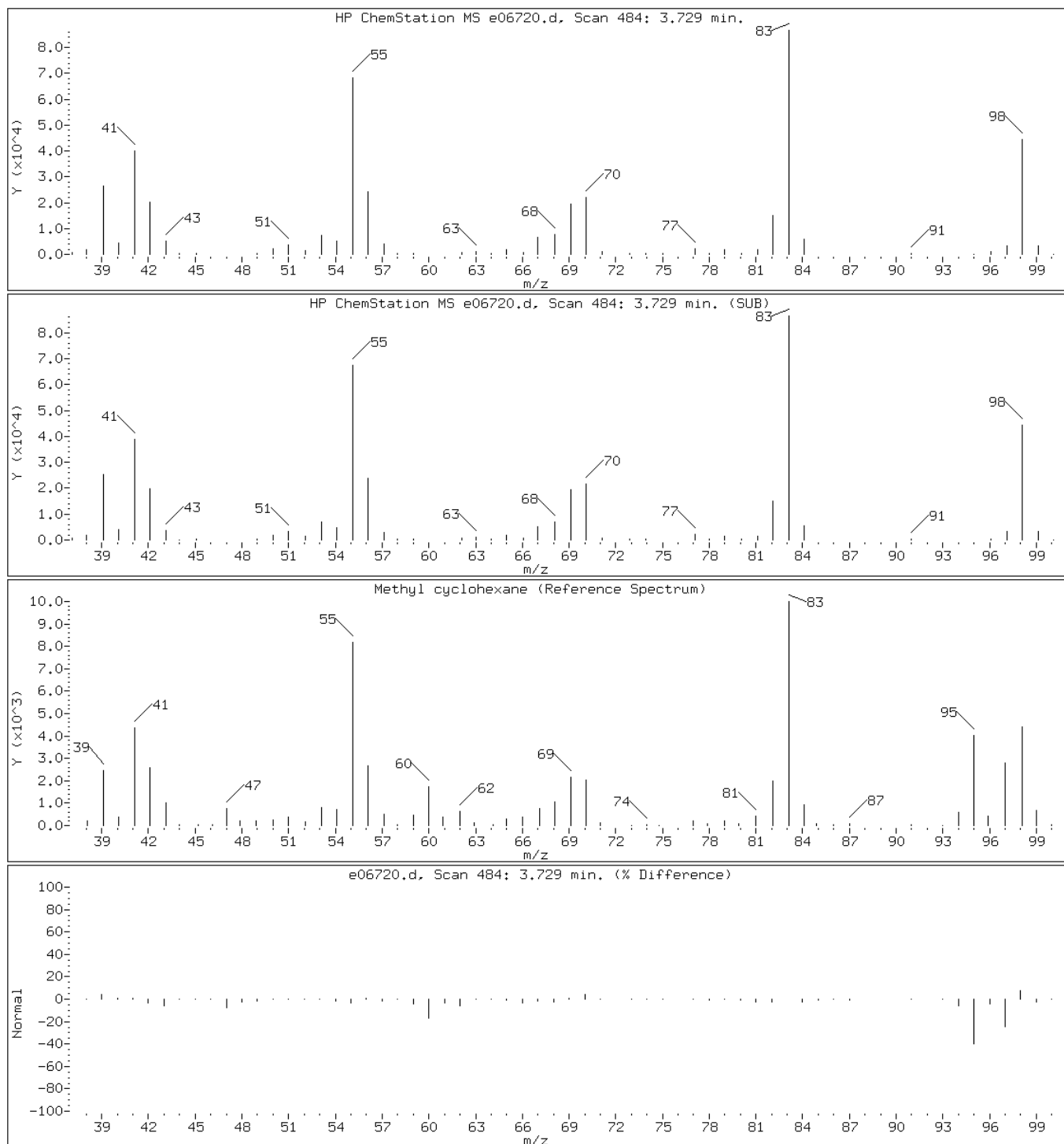
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06720.d

Date: 14-AUG-2012 02:40

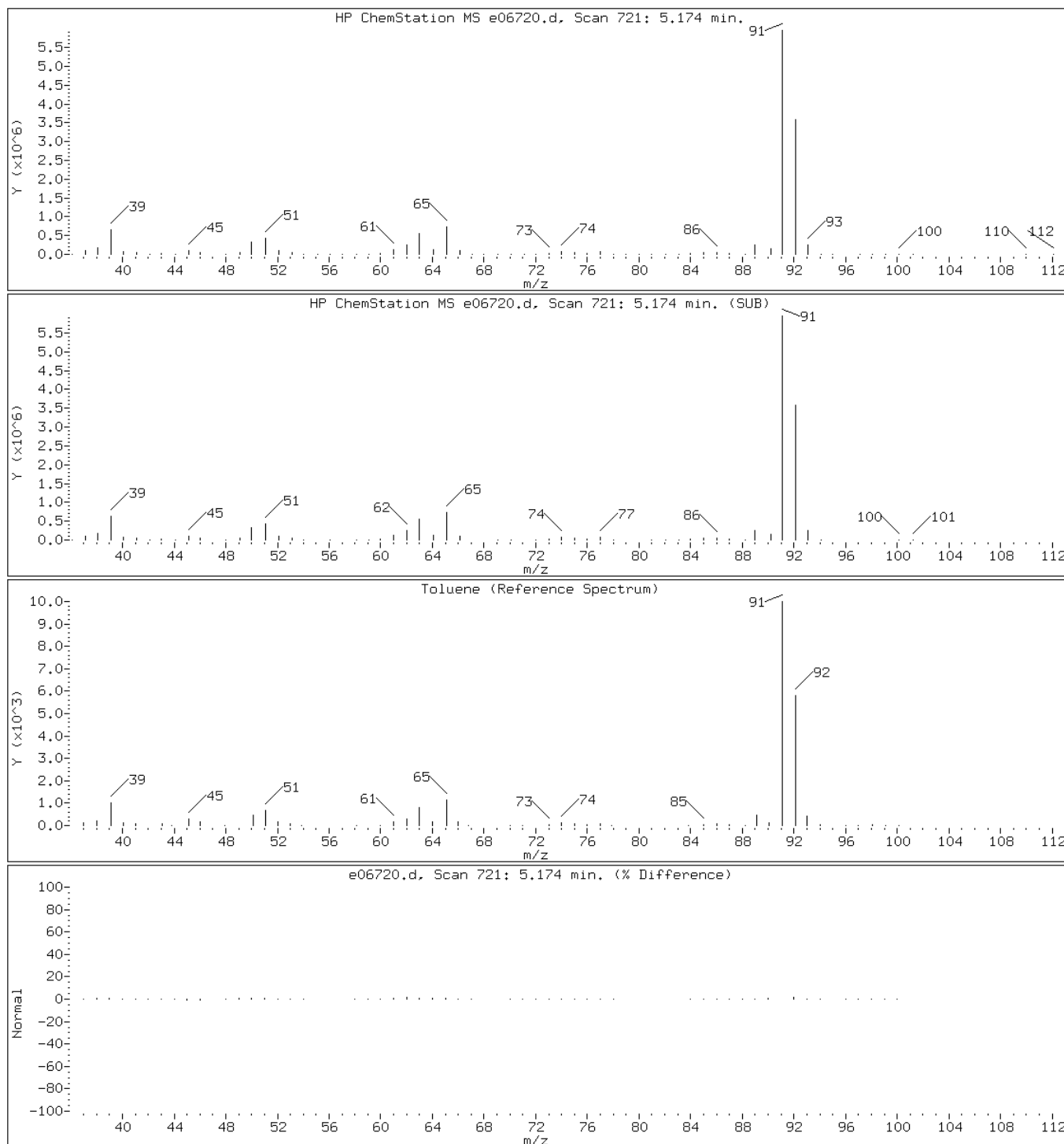
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06720.d

Date: 14-AUG-2012 02:40

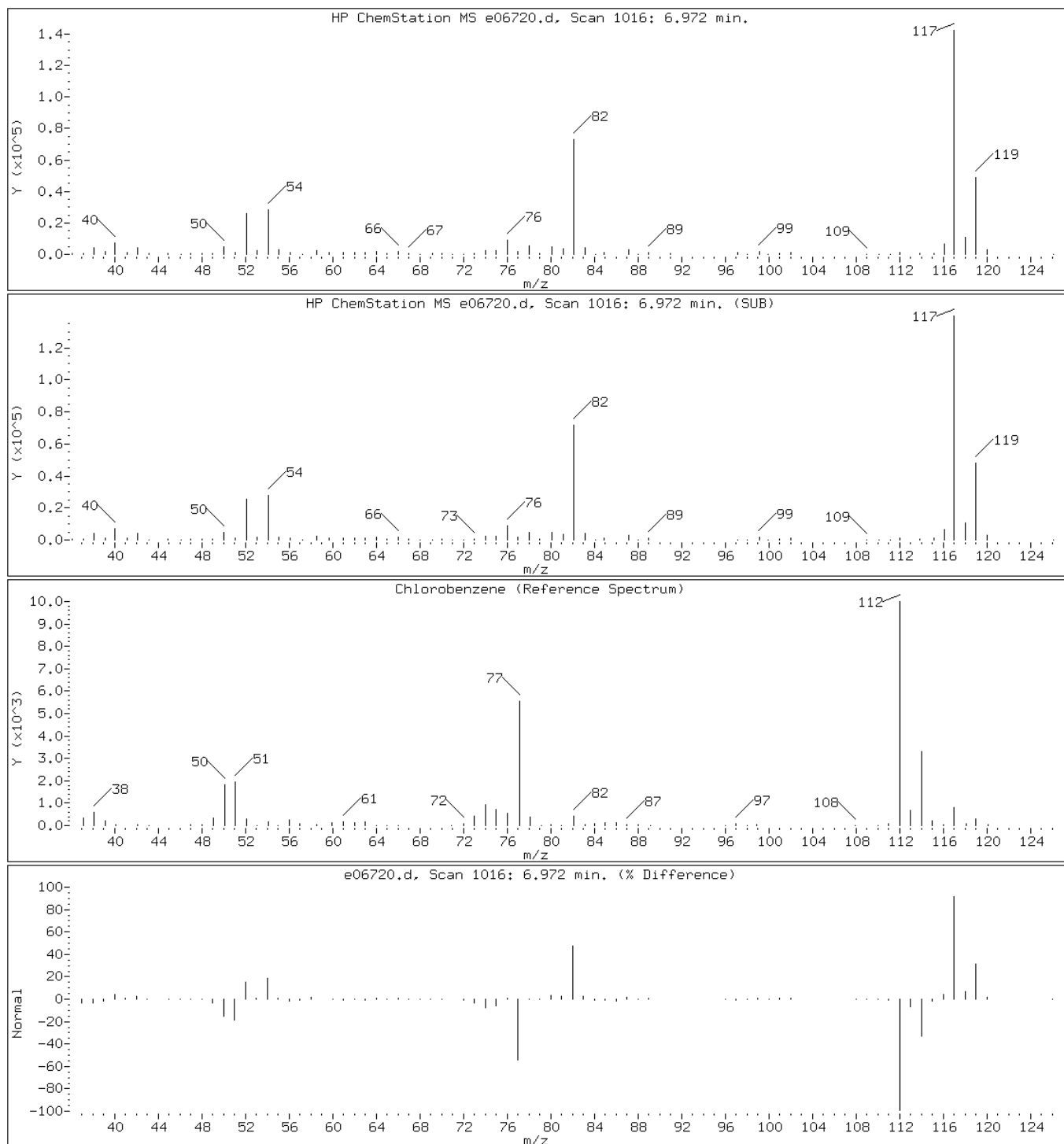
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

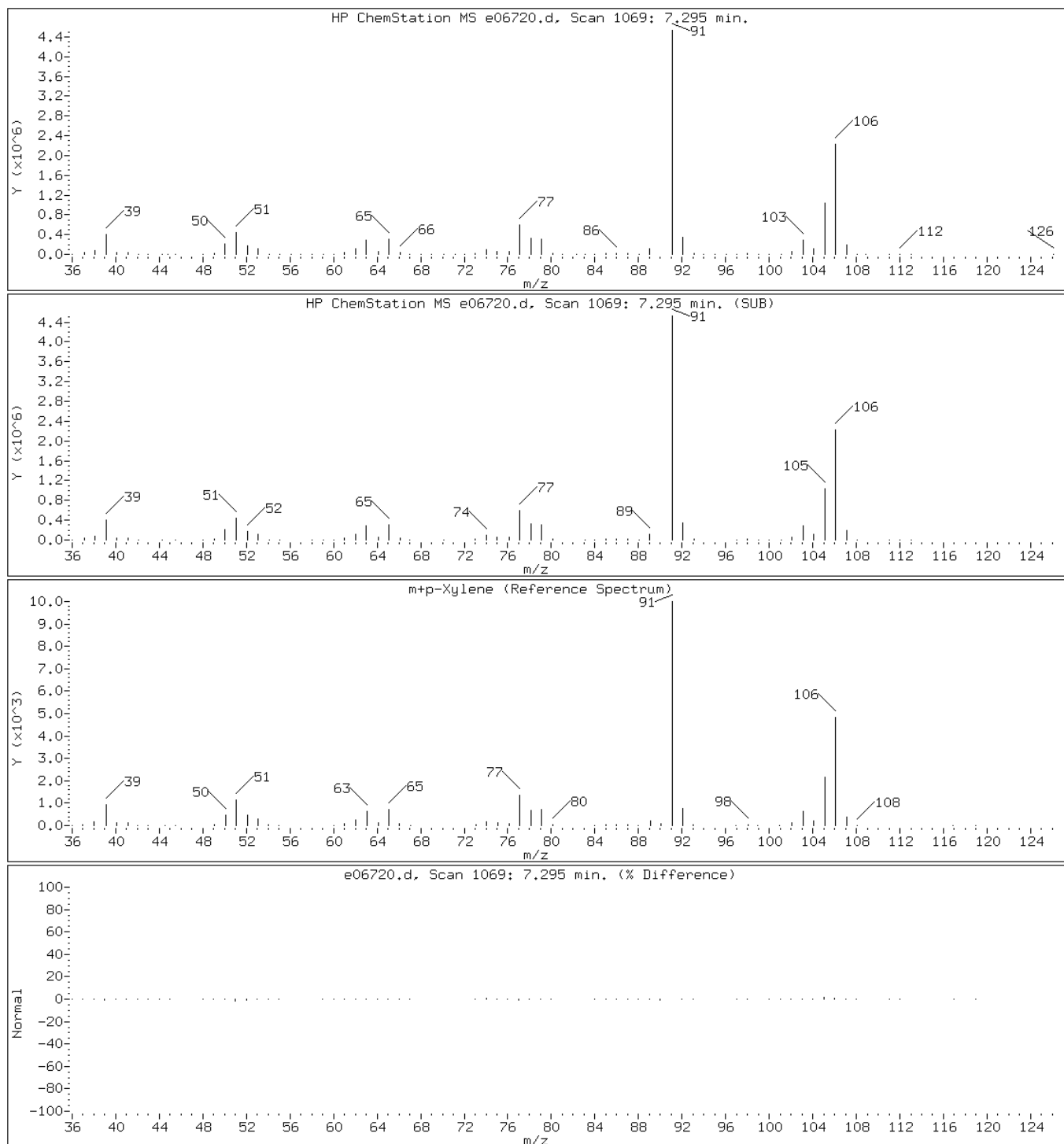
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06720.d

Date: 14-AUG-2012 02:40

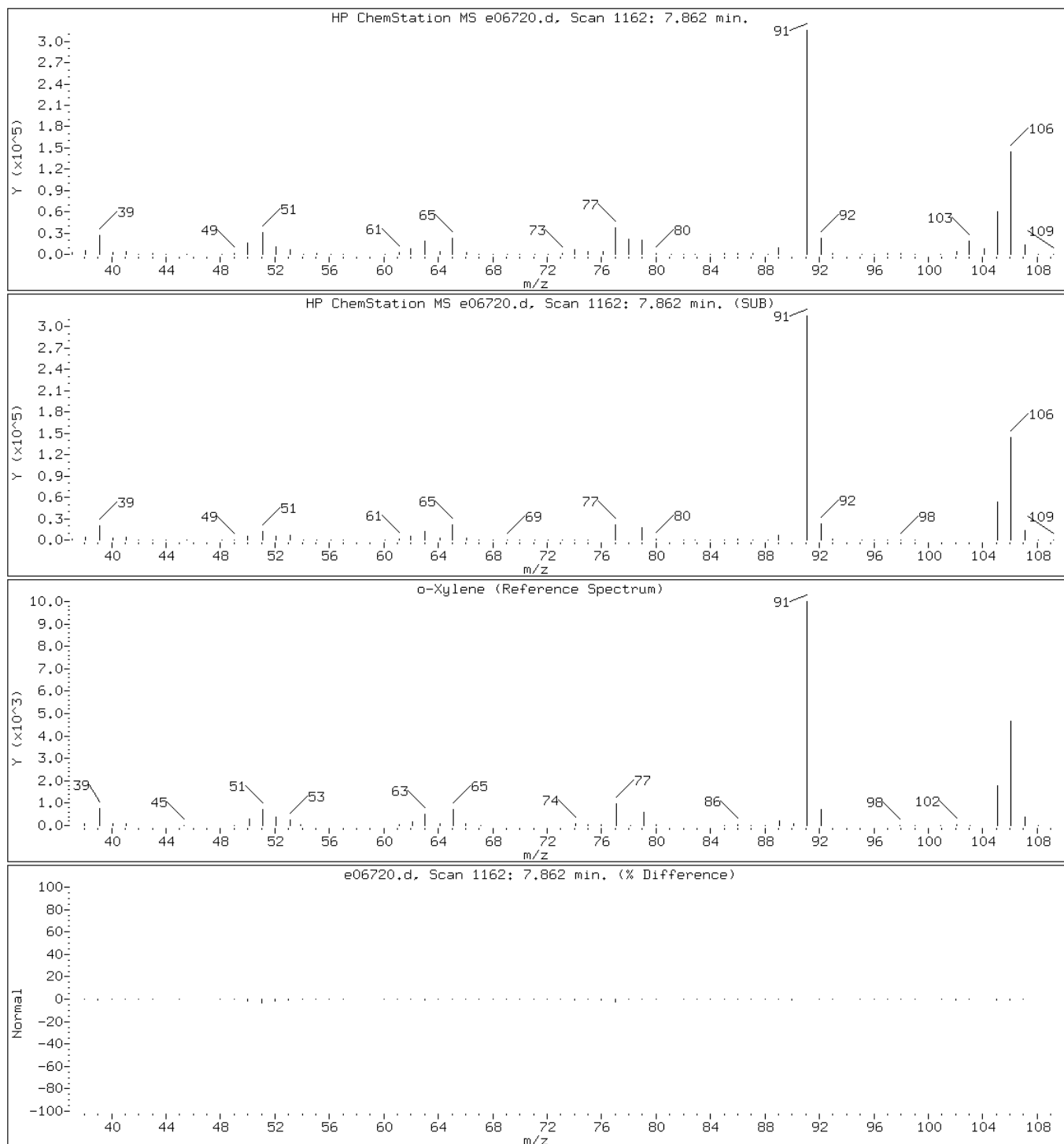
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06720.d

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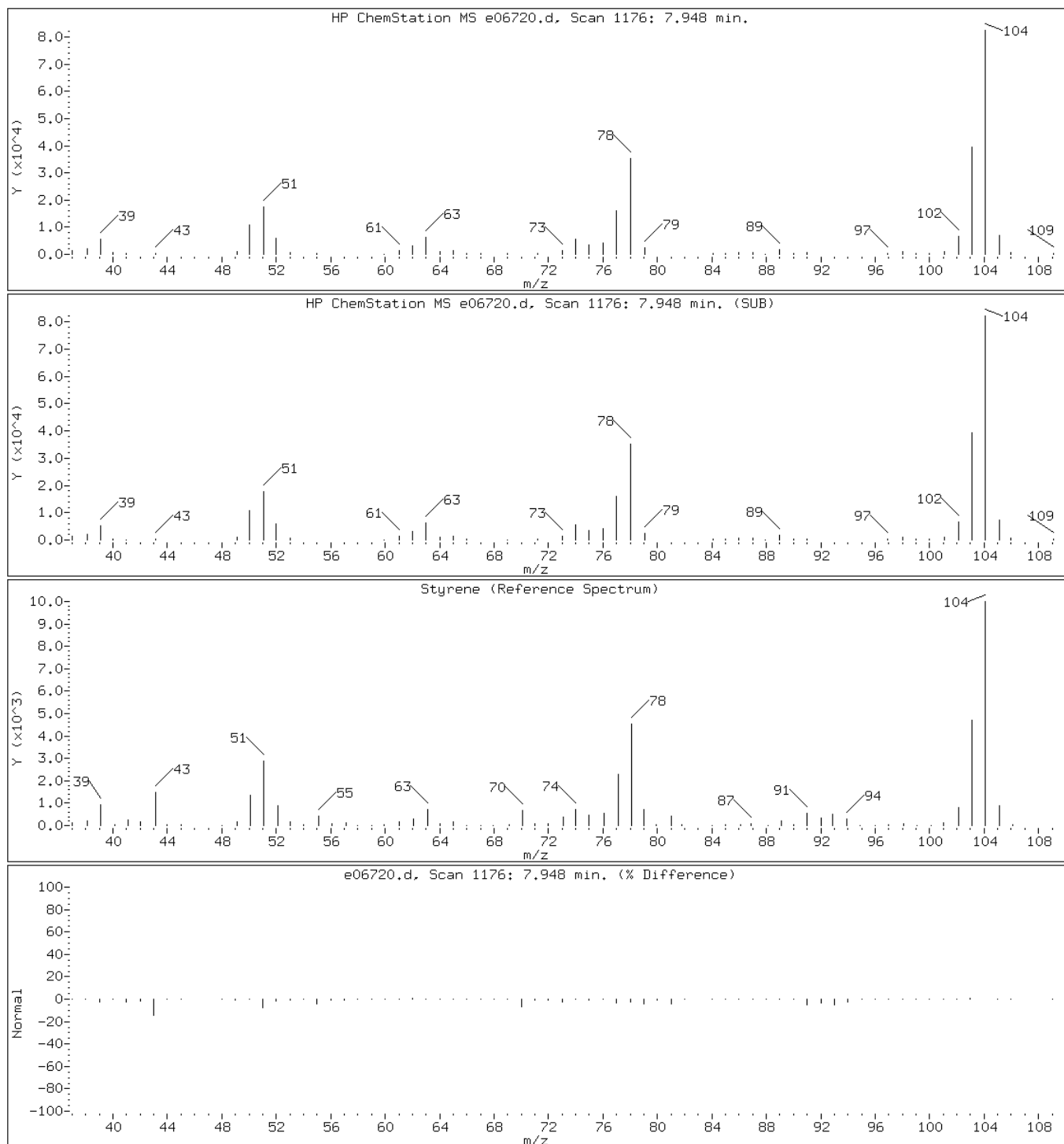
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06720.d

Date: 14-AUG-2012 02:40

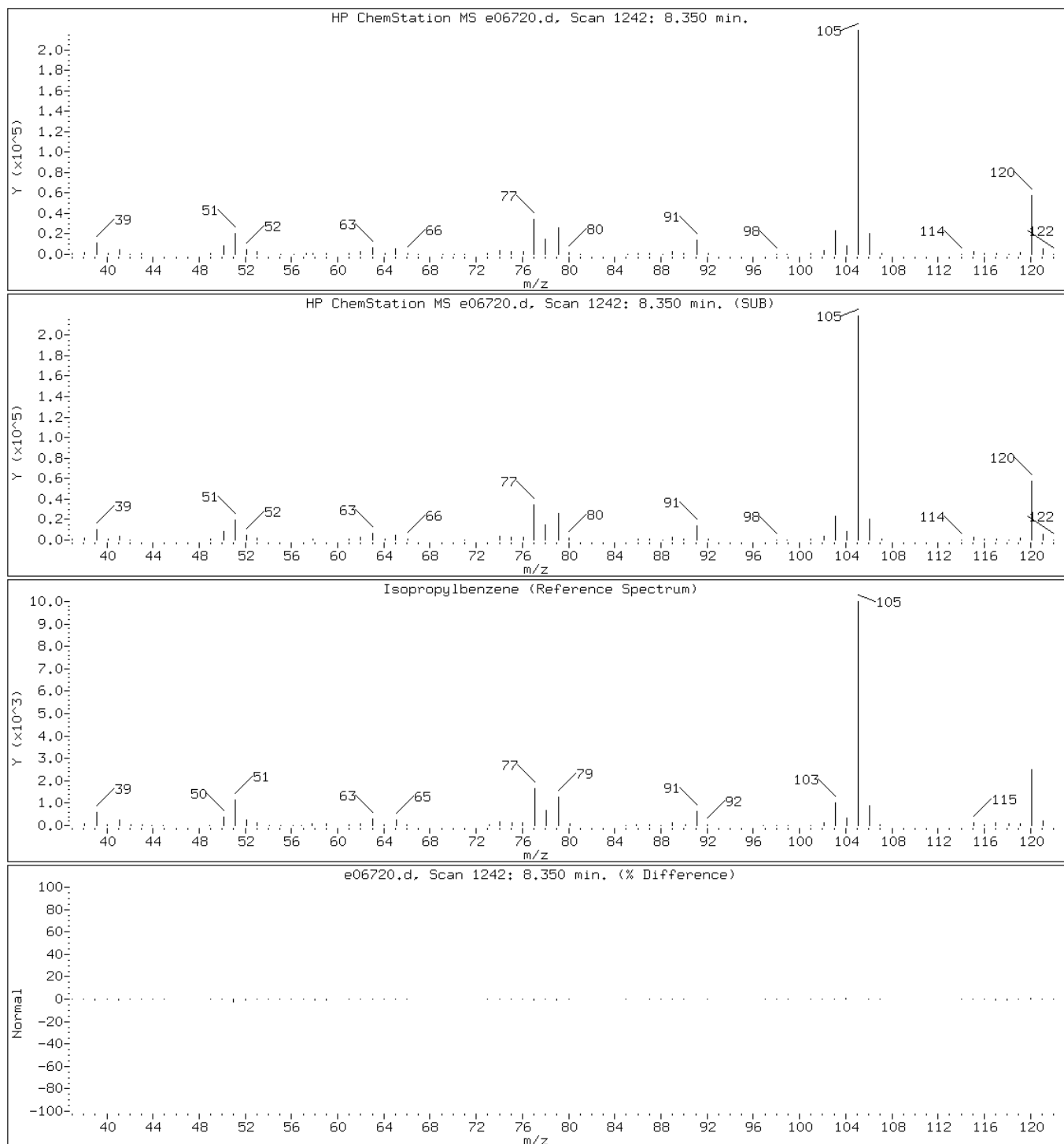
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

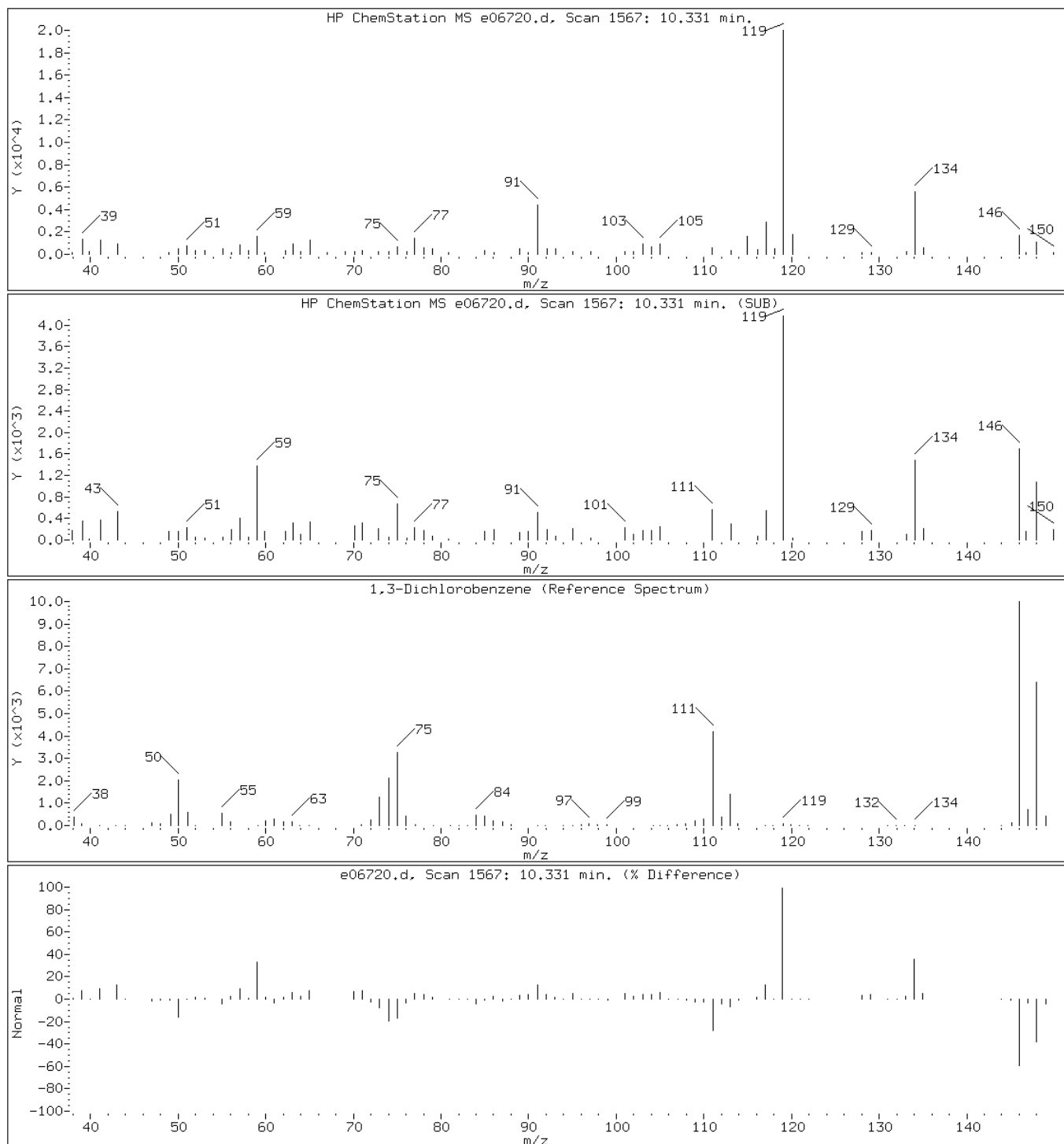
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Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

105 1,3-Dichlorobenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

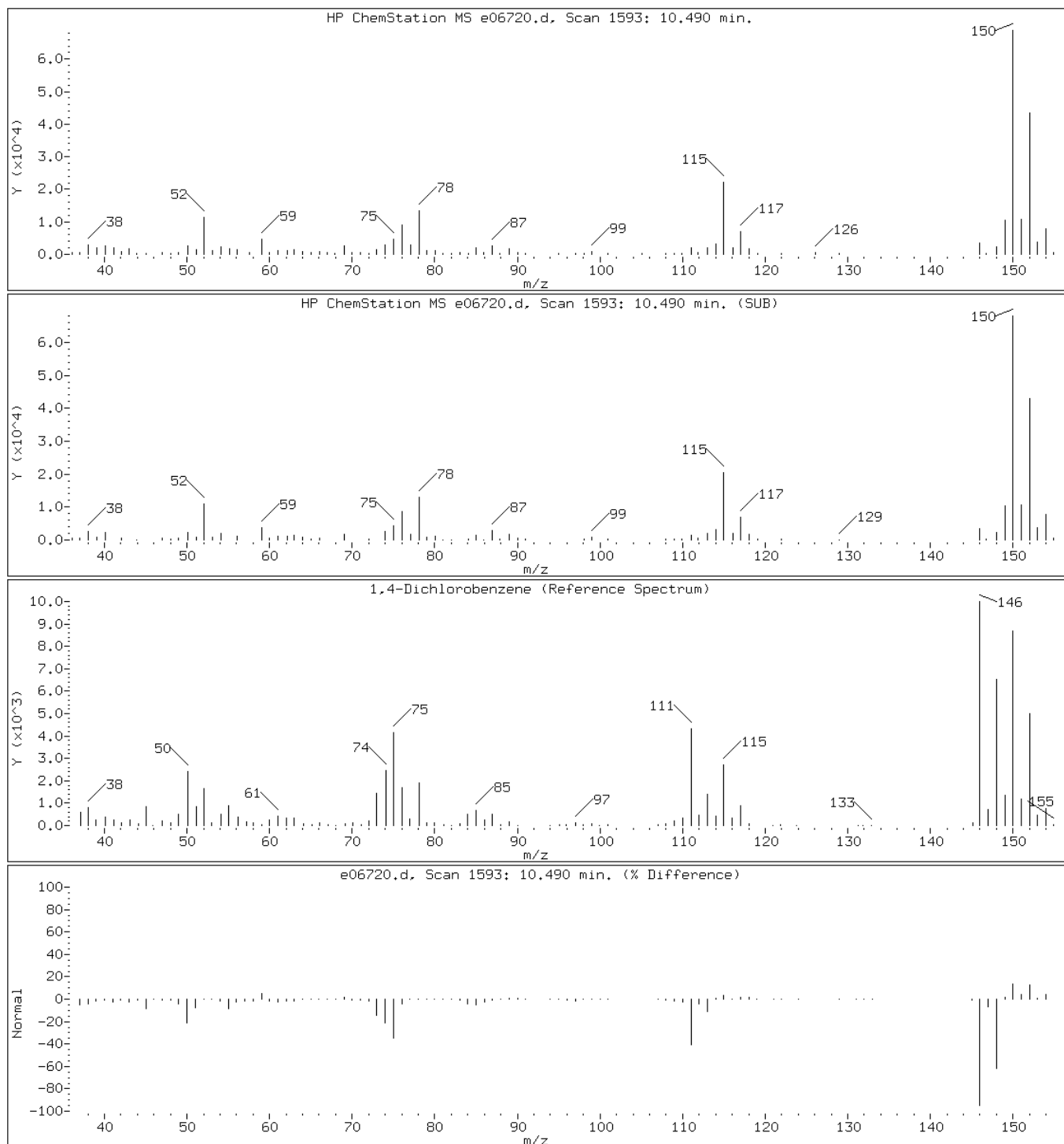
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

109 1,4-Dichlorobenzene



Data File: e06720.d

Date: 14-AUG-2012 02:40

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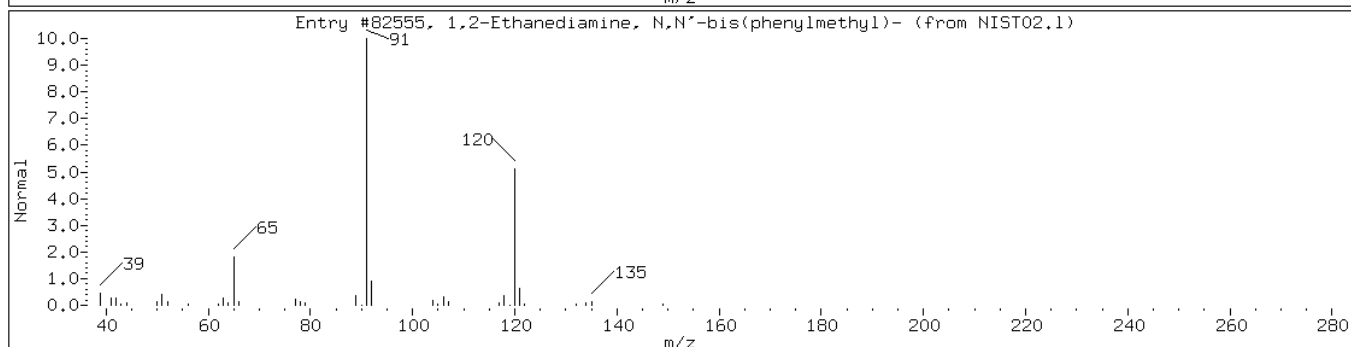
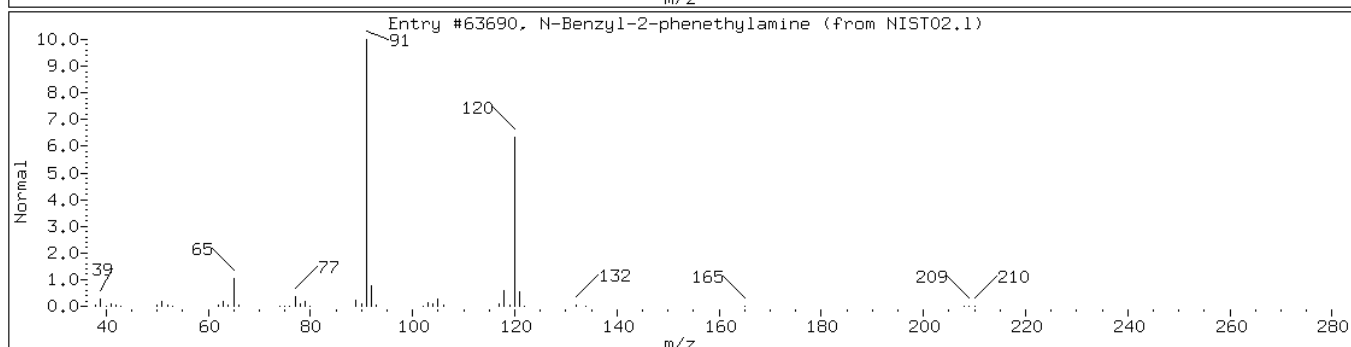
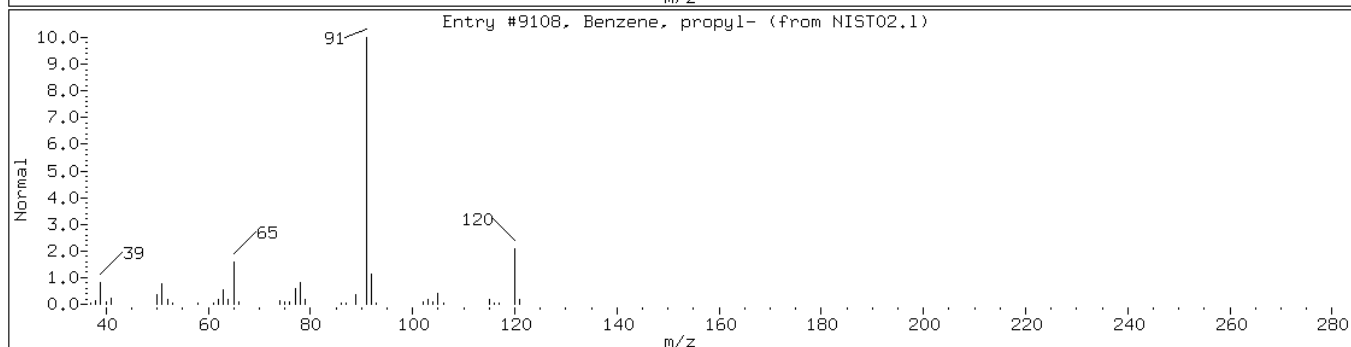
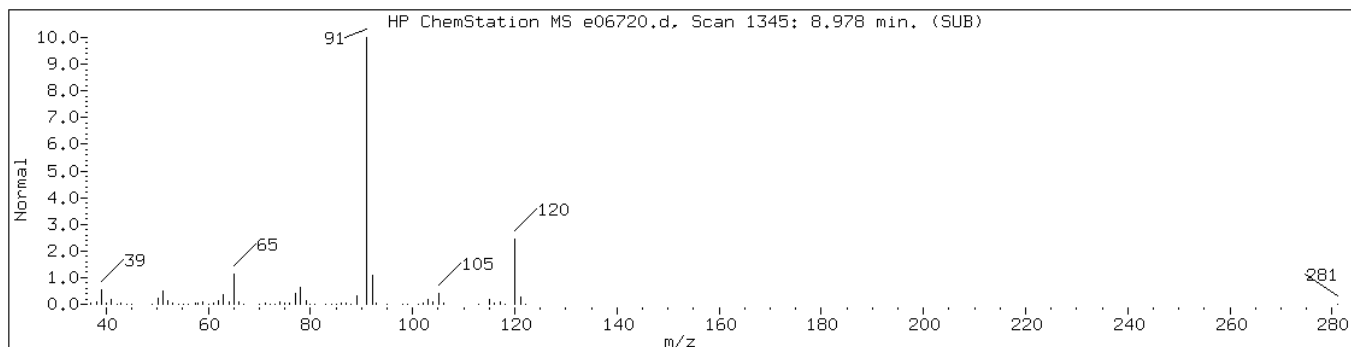
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Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.1	9108	94	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.1	63690	72	C15H17N	211
1,2-Ethanediamine, N,N'-bis(phenyl	140-28-3	NIST02.1	82555	64	C16H20N2	240



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

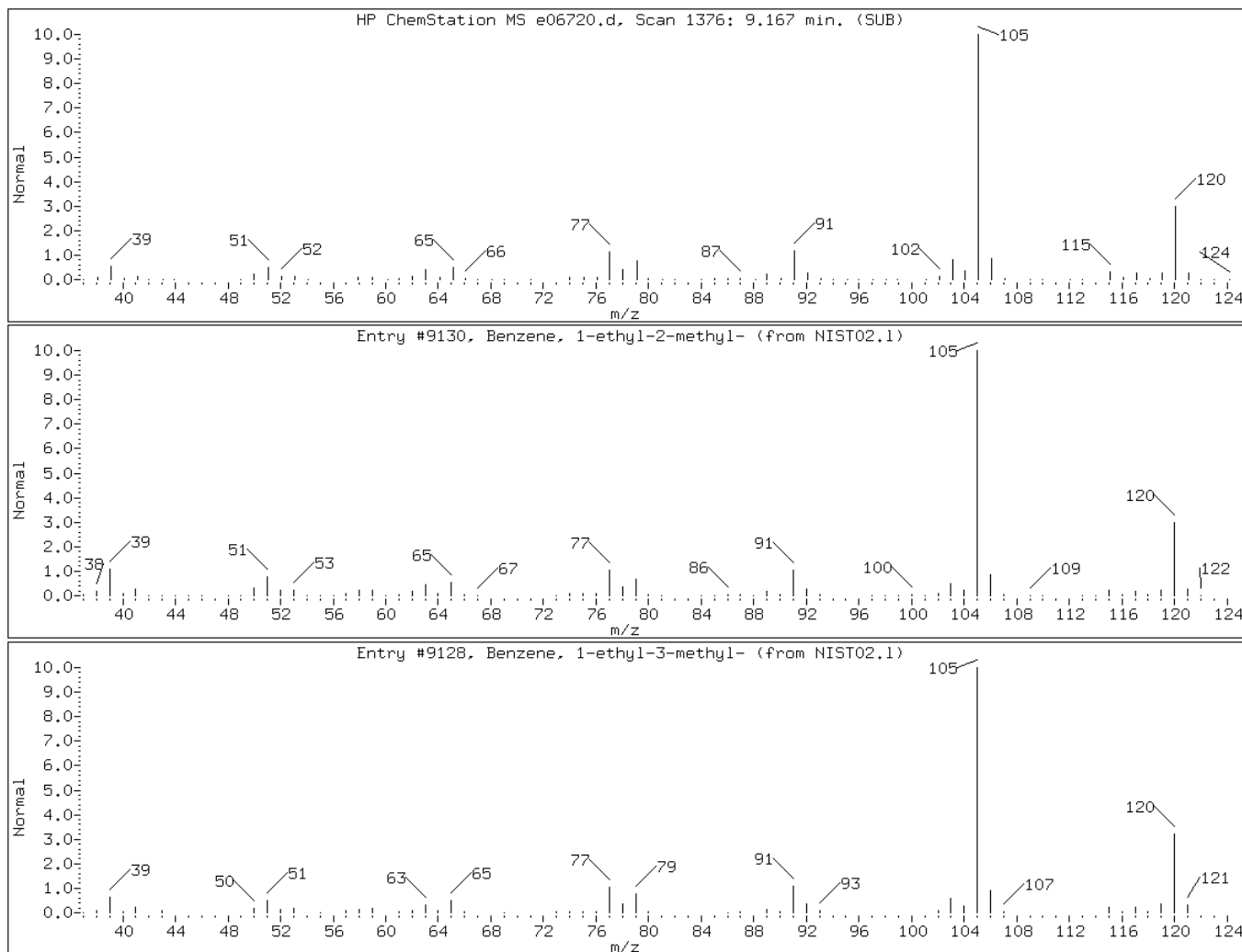
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	94	C9H12	120



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

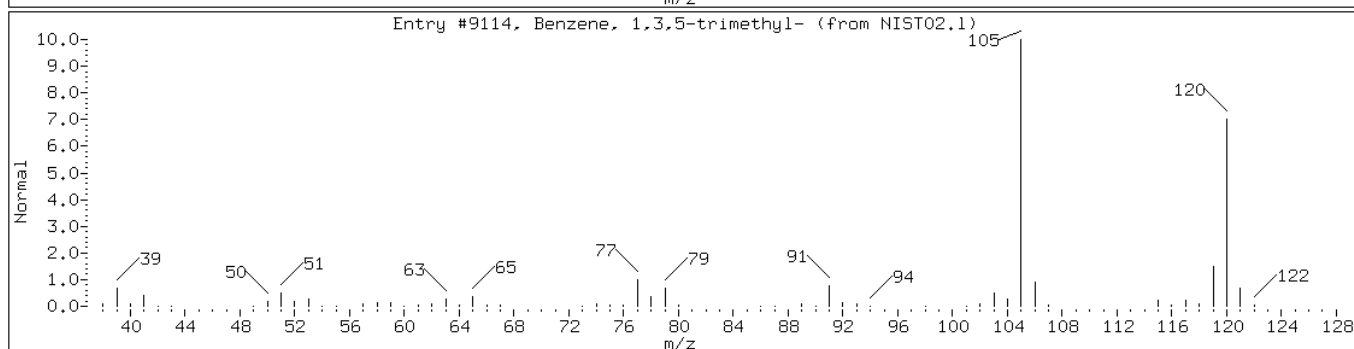
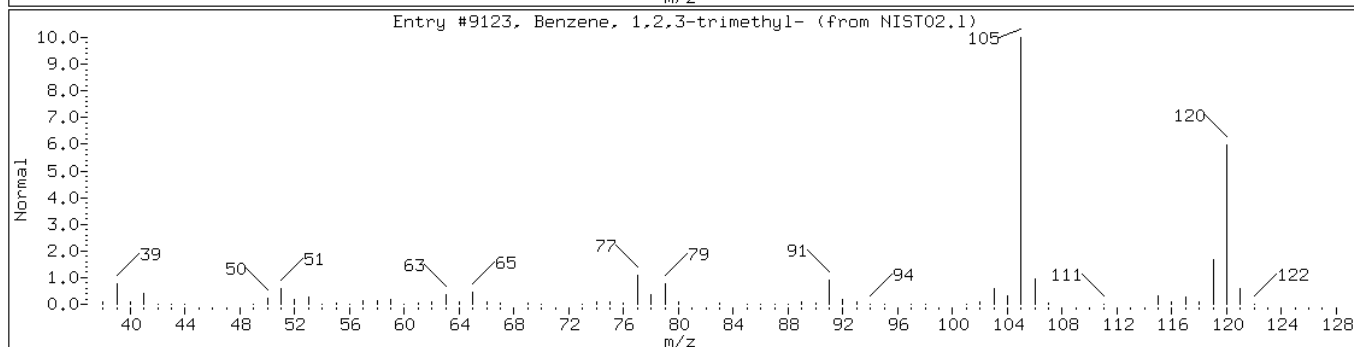
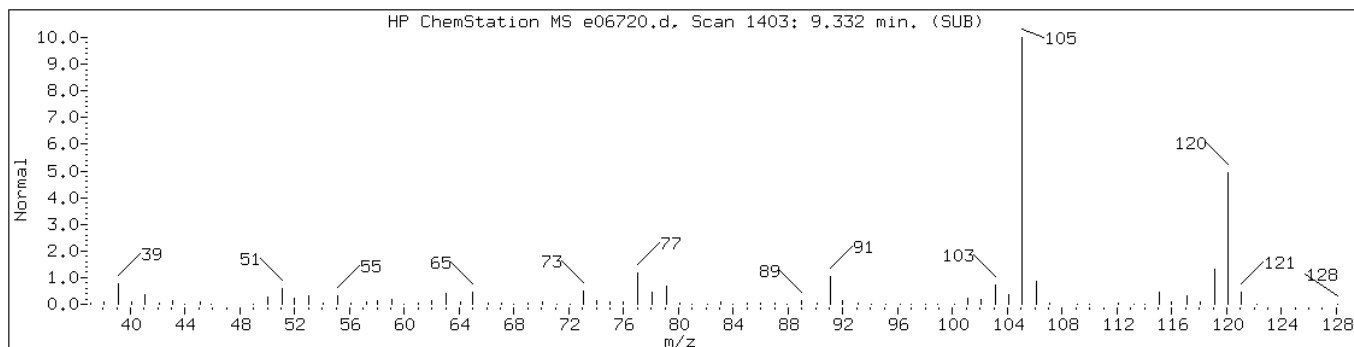
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 9.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	97	C9H12	120



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

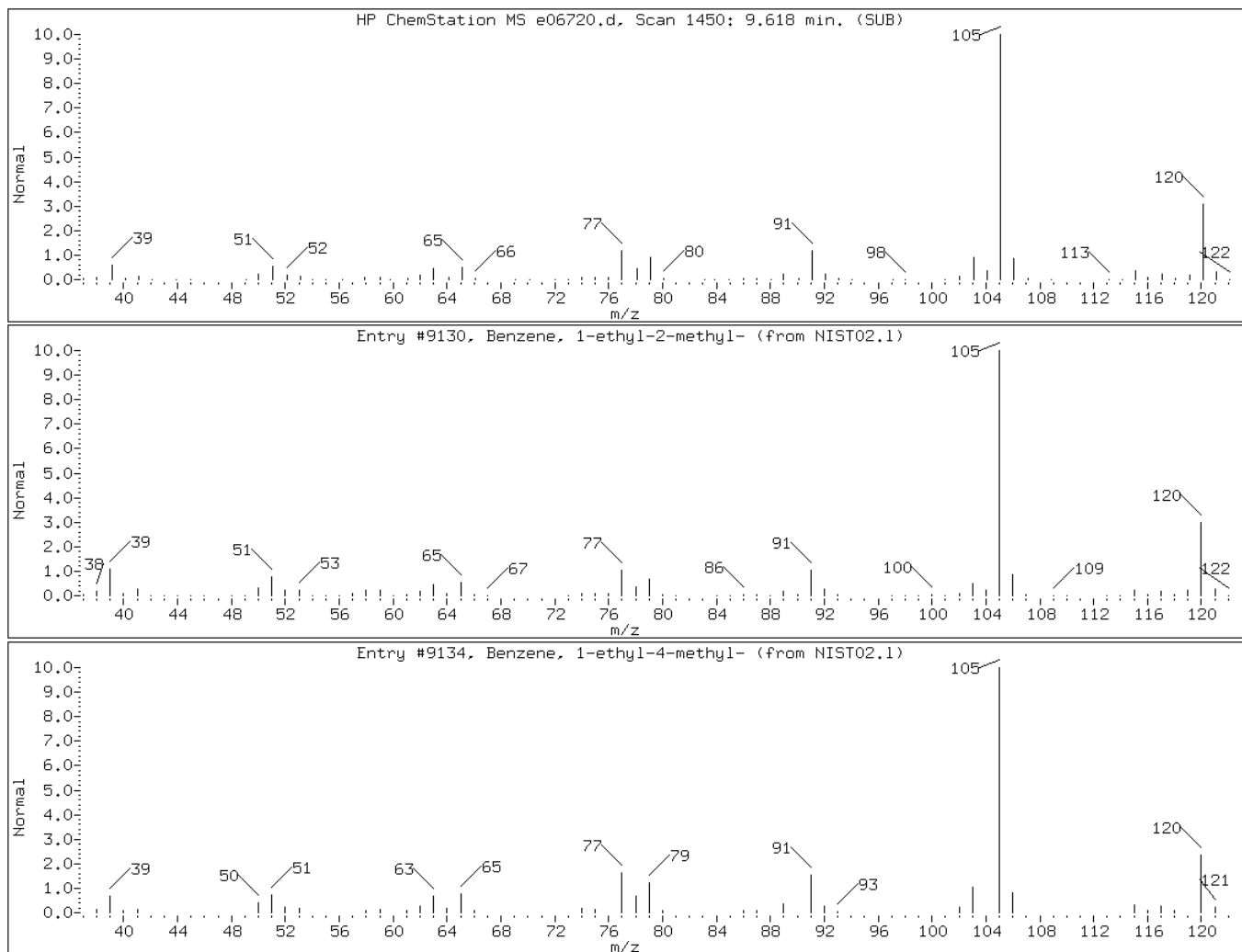
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Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.1	9134	93	C9H12	120



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

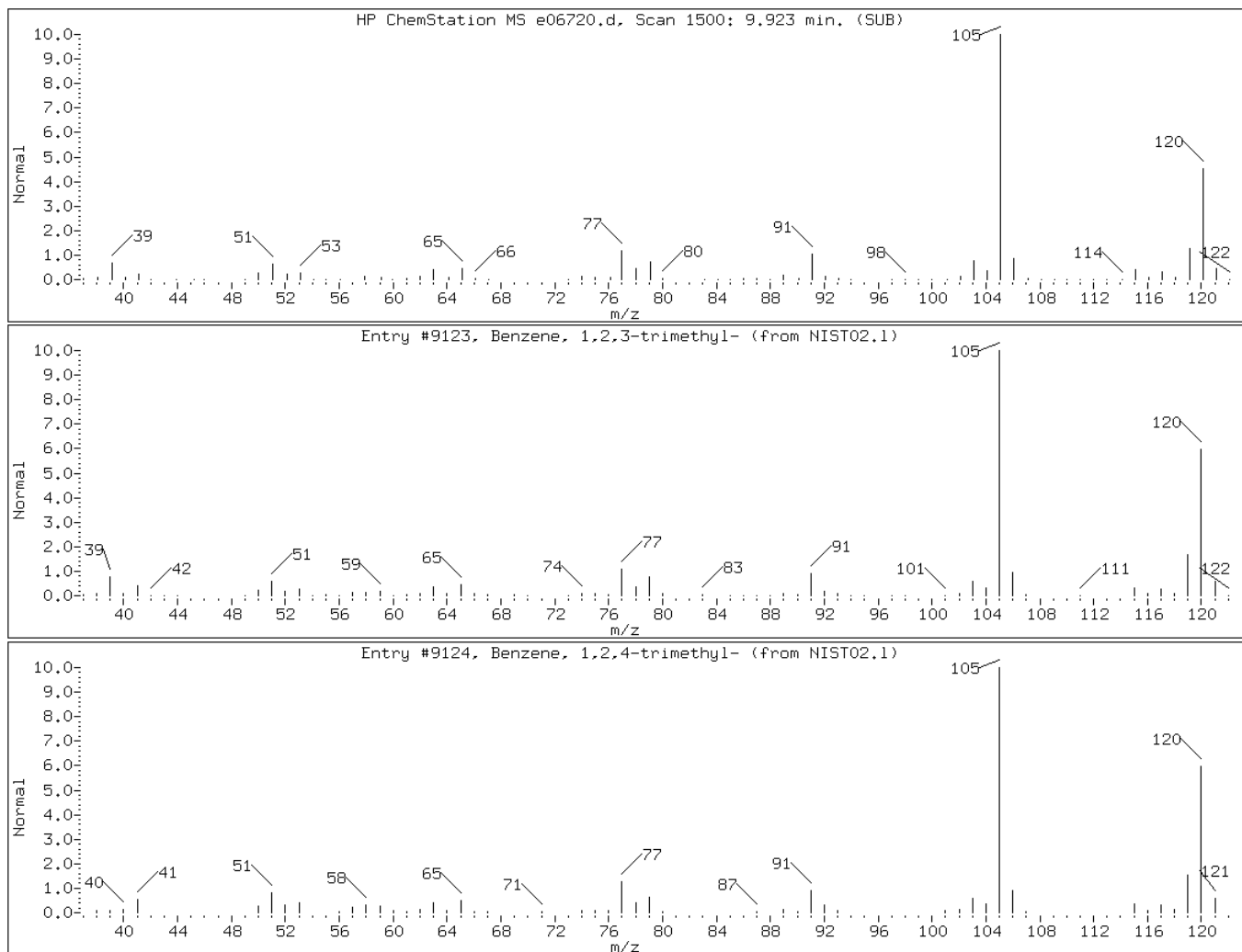
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Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 9.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9124	95	C9H12	120



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

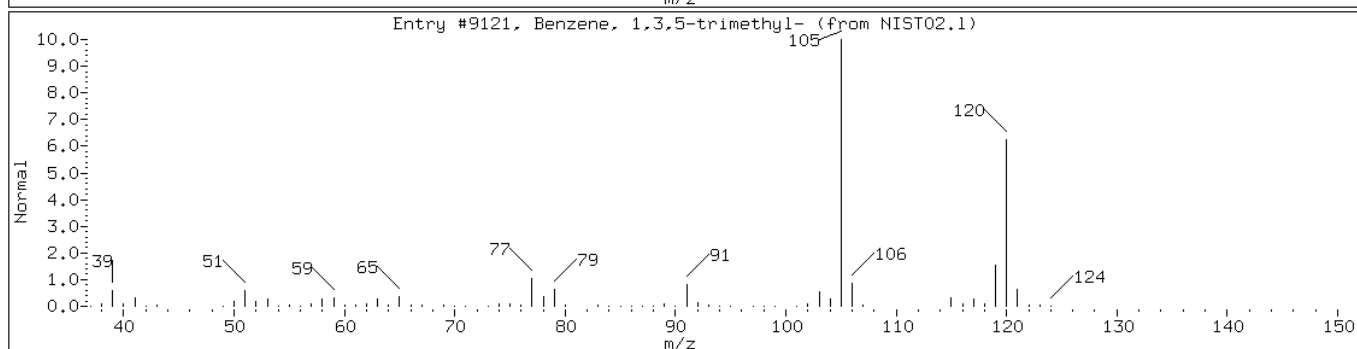
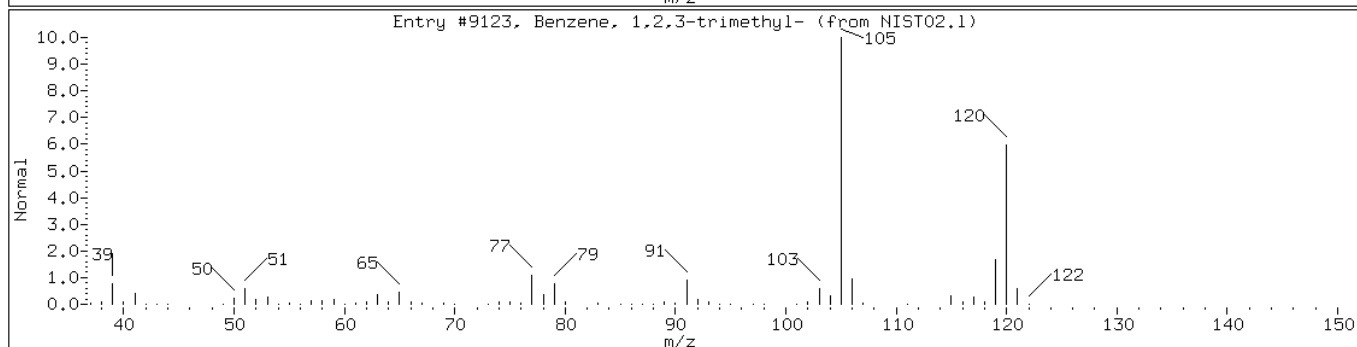
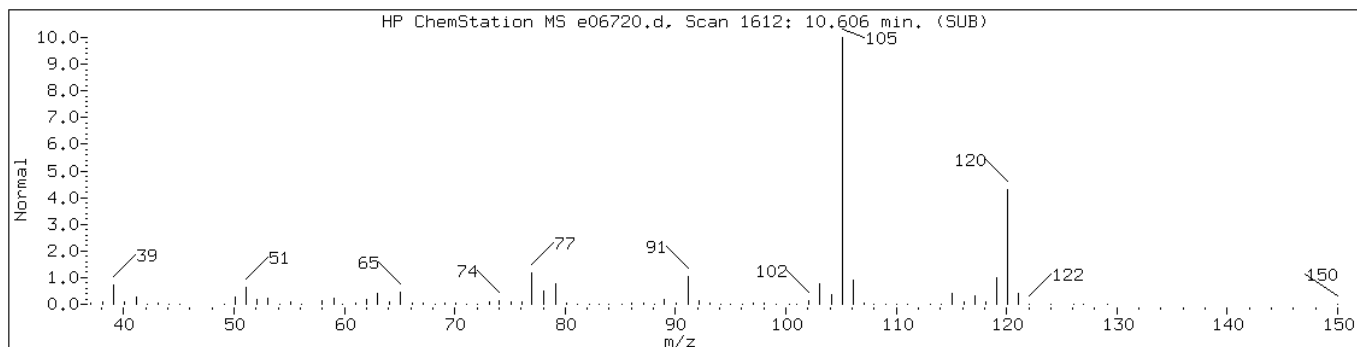
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	94	C9H12	120



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

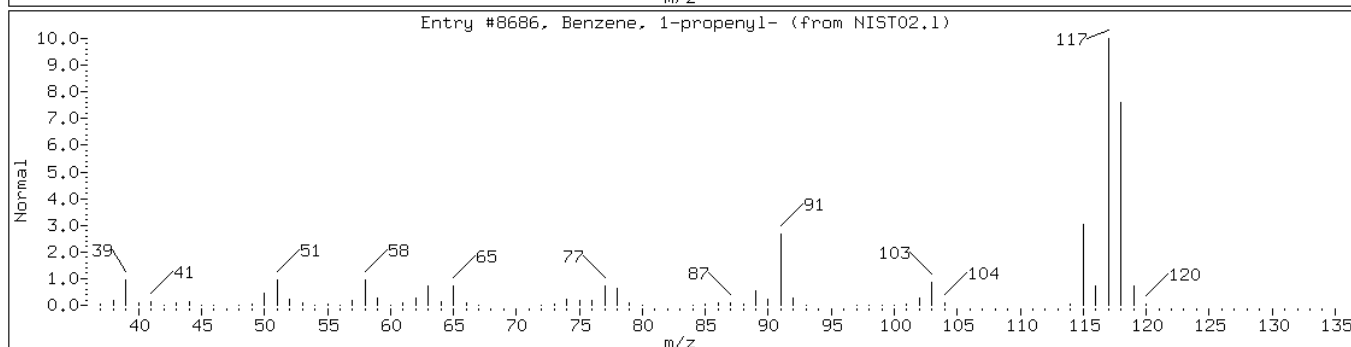
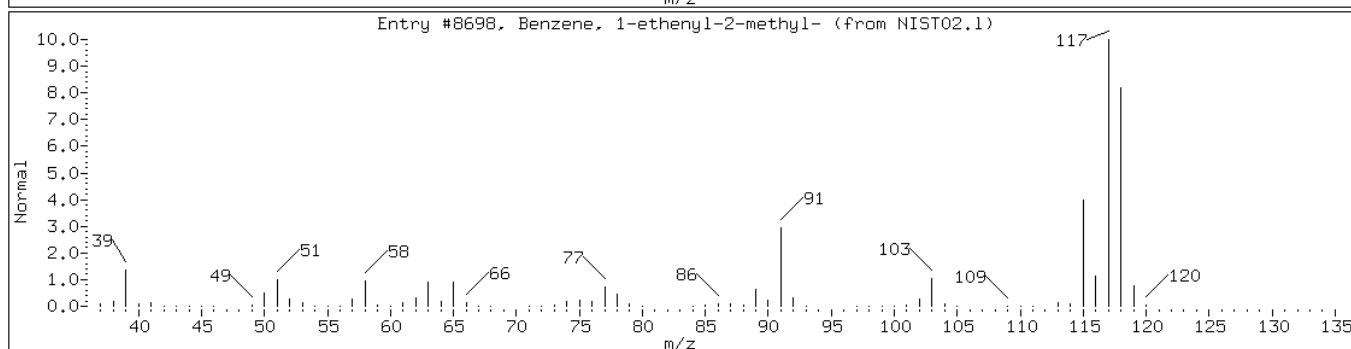
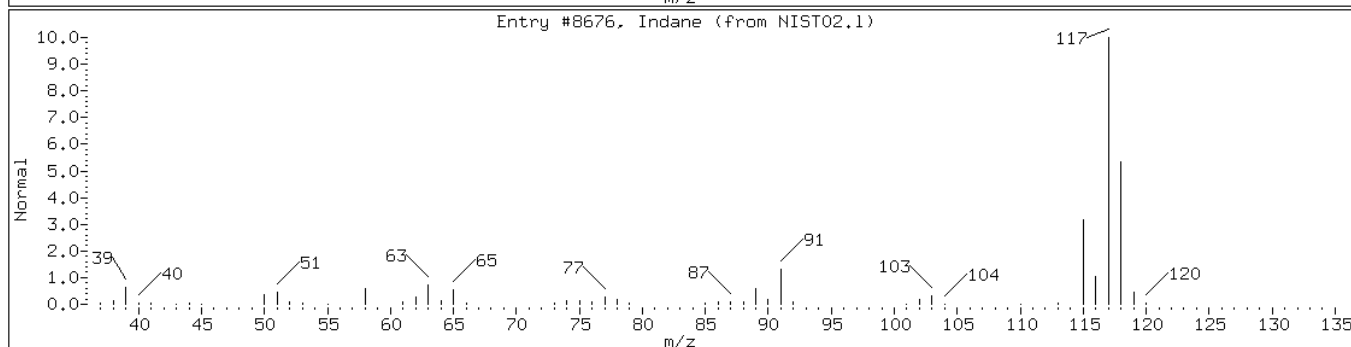
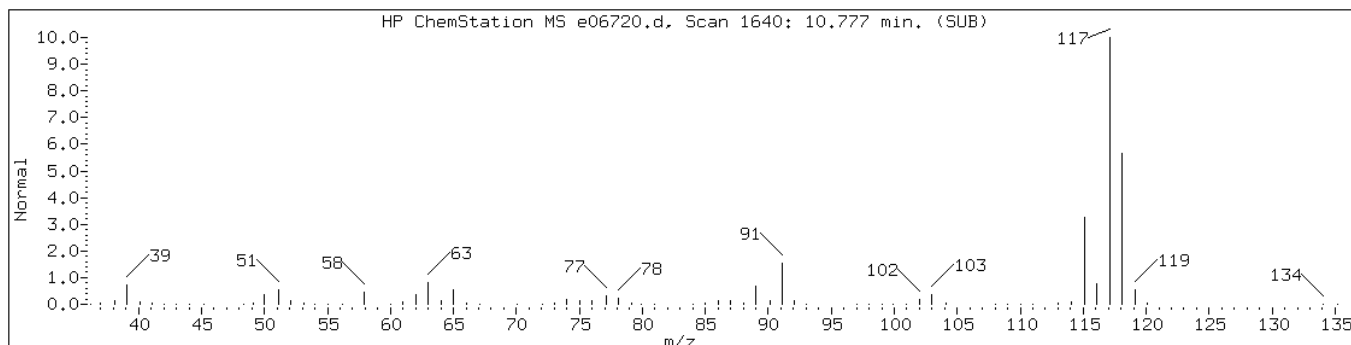
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	81	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.1	8686	72	C9H10	118



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

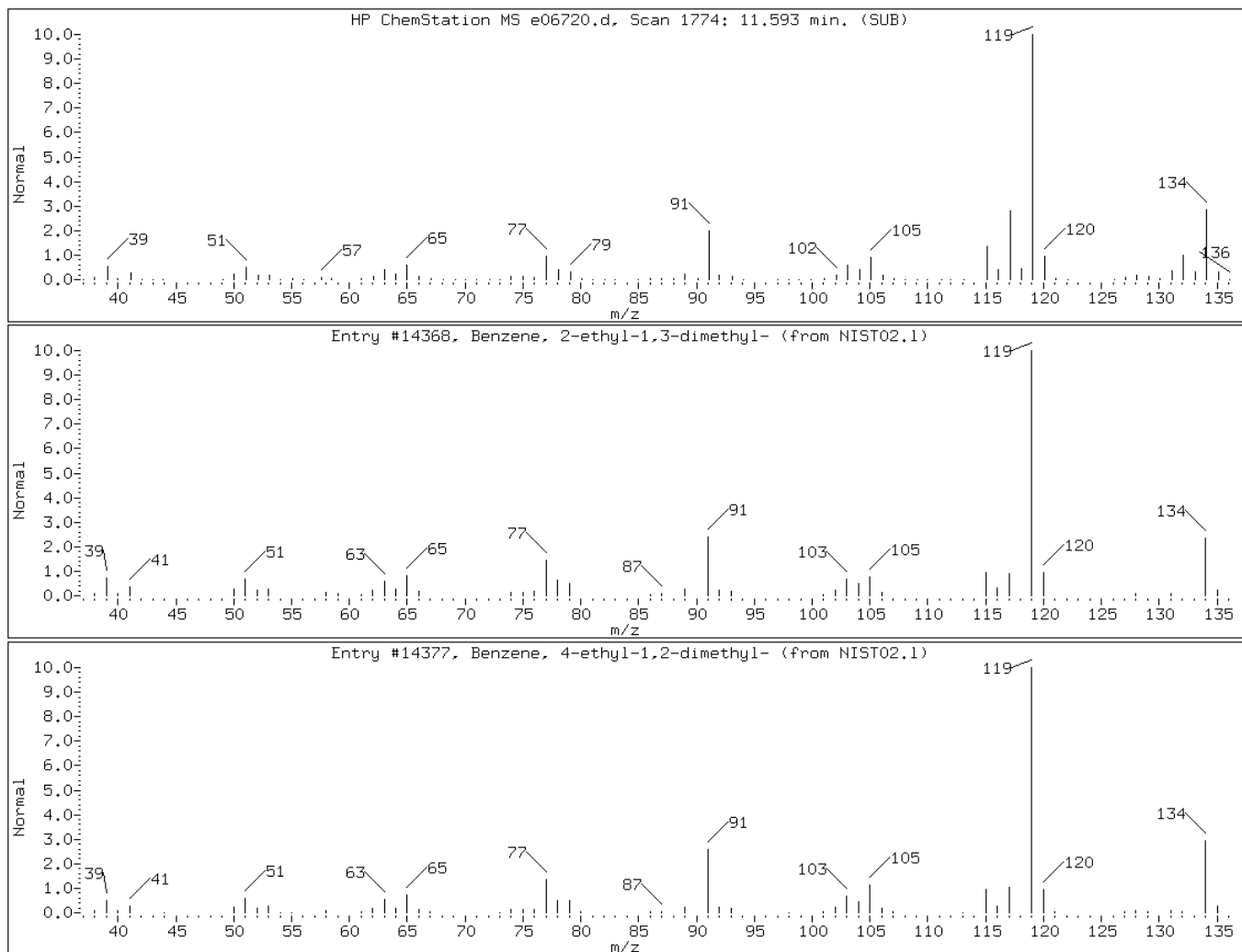
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 11.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl dimethylbenzene isomer						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.1	14368	94	C ₁₀ H ₁₄	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.1	14377	93	C ₁₀ H ₁₄	134



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

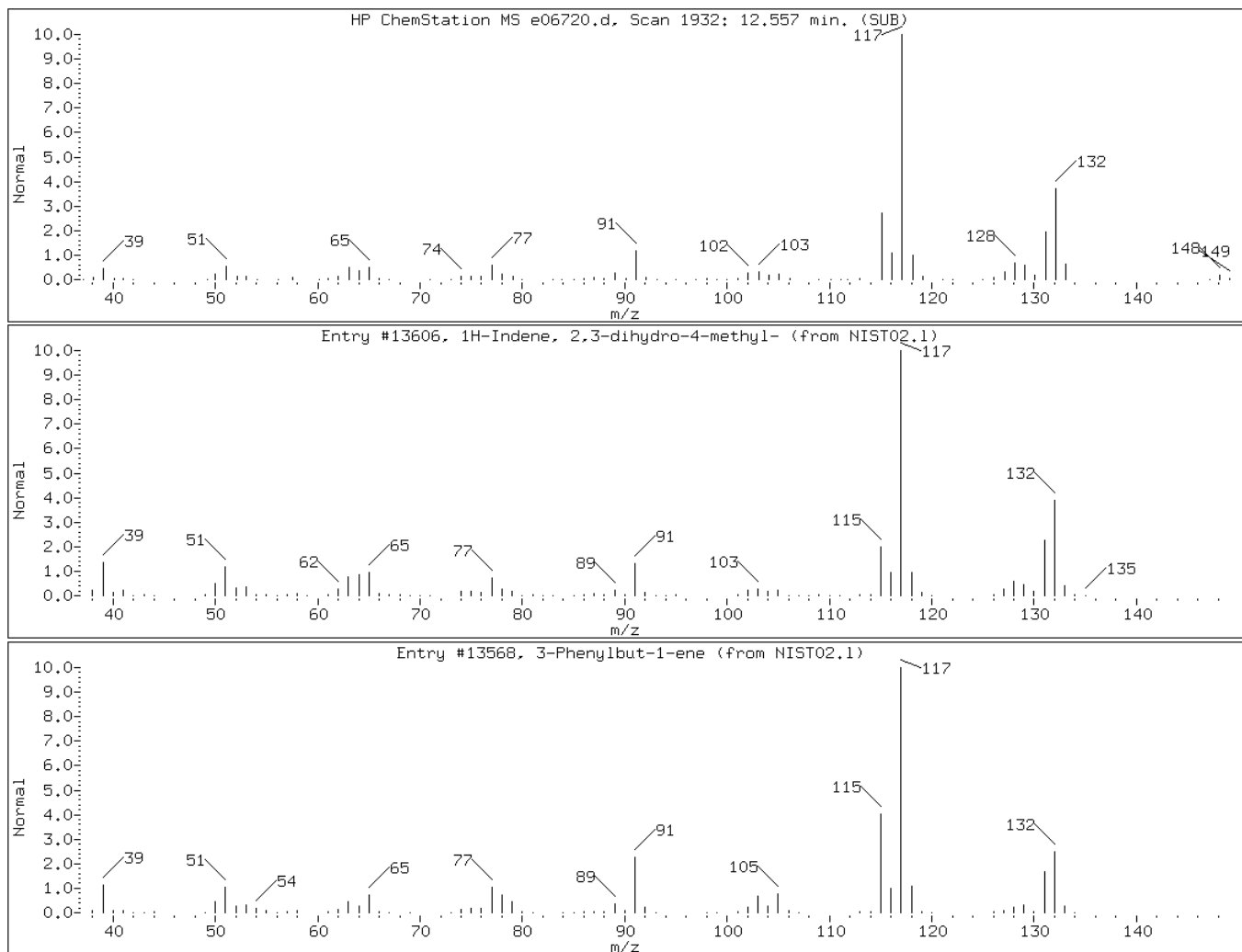
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 12.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.1	13606	91	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.1	13568	90	C10H12	132



Data File: e06720.d

Date: 14-AUG-2012 02:40

Client ID:

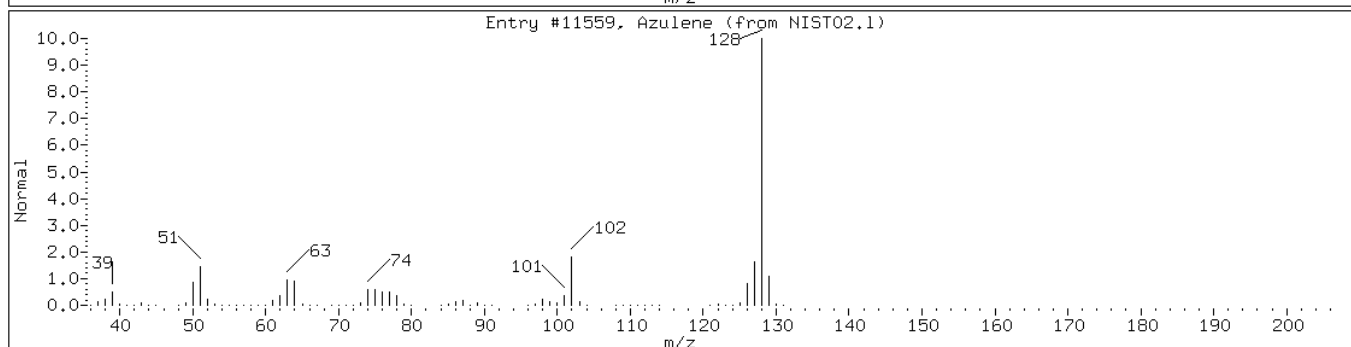
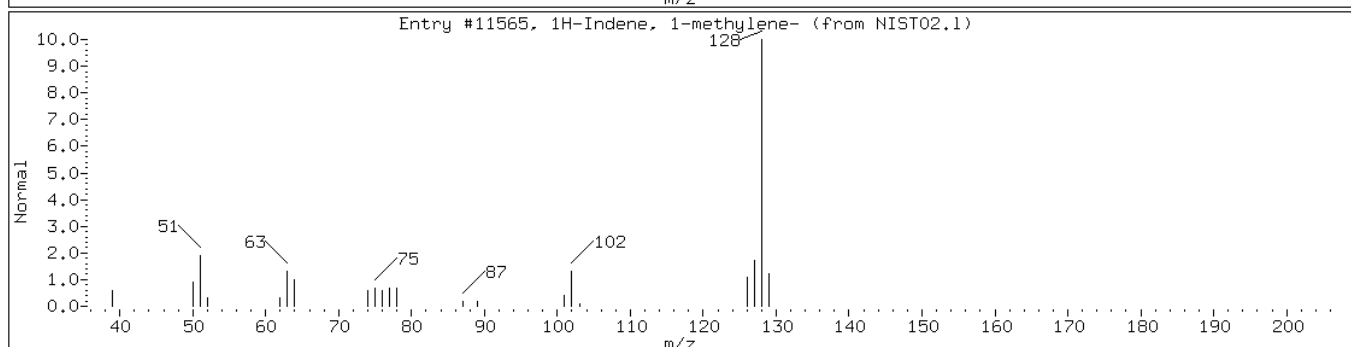
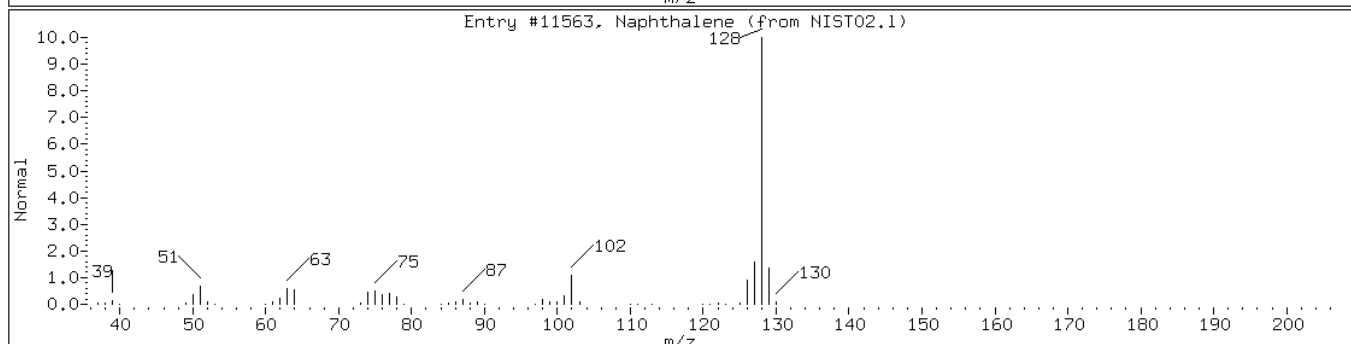
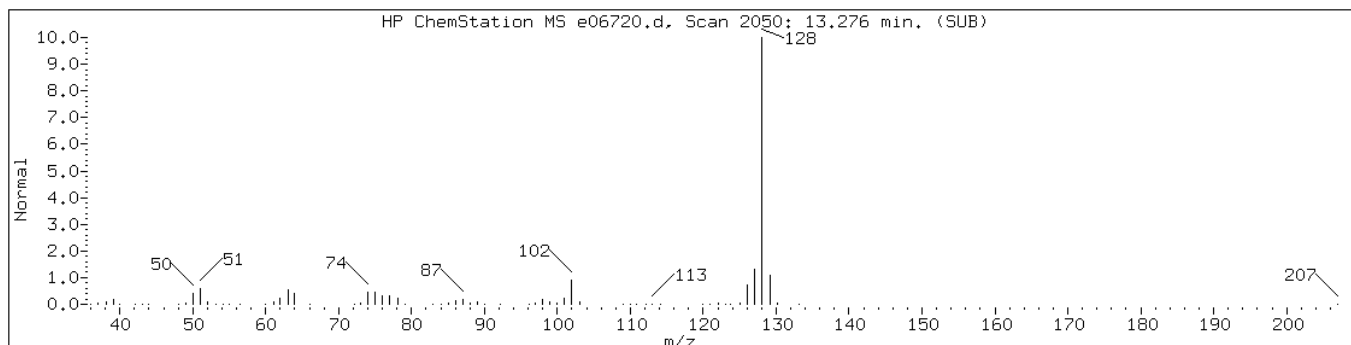
Instrument: VOAMS5.i

Sample Info: 460-43314-C-3

Operator: GC/MS VOAMS5

Retention Time: 13.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-3 DL
Matrix: Water Lab File ID: e06591.d
Analysis Method: 8260B Date Collected: 08/08/2012 11:30
Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 01:53
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	420	D	5.0	0.50
108-88-3	Toluene	620	D	5.0	0.75

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	D	70-130
460-00-4	4-Bromofluorobenzene	95	D	70-130
2037-26-5	Toluene-d8 (Surr)	97	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06591.d
 Report Date: 14-Aug-2012 12:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06591.d
 Lab Smp Id: 460-43314-C-3 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 11-AUG-2012 01:53
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-3;5
 Misc Info : 460-43314-C-3
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 13
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====		=====	=====
16 Acetone	58	1.888	1.894	(0.525)	4228		12.2815	61(H)
38 2-Butanone	72	3.071	3.071	(0.854)	1592		2.38702	12(a)
44 Cyclohexane	56	2.784	2.778	(0.774)	63210		11.3663	57
48 Benzene	78	3.254	3.254	(0.468)	517314		33.1049	160
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	256124		48.1447	48
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	915070		50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	41202		7.13169	36
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	858051		48.2683	48
66 Toluene	91	5.162	5.162	(0.742)	2369317		123.916	620
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	777510		50.0000	
81 Ethylbenzene	106	7.064	7.064	(1.016)	589868		83.5128	420
82 m+p-Xylene	106	7.277	7.277	(1.046)	903532		99.7052	500
84 o-Xylene	106	7.862	7.862	(1.131)	59637		6.73051	34
85 Styrene	104	7.942	7.942	(1.142)	35766		2.34376	12
88 Isopropylbenzene	105	8.344	8.350	(1.200)	90344		3.77814	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	387917		47.6271	48

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06591.d
 Report Date: 14-Aug-2012 12:08

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)	476224	50.0000		
111 1,2-Dichlorobenzene	146	11.155	11.154	(1.066)	4304	0.35746	1.8(a)	
M 121 Xylene (Total)	100				963169	106.436	530	

QC Flag Legend

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

Data File: e06591.d

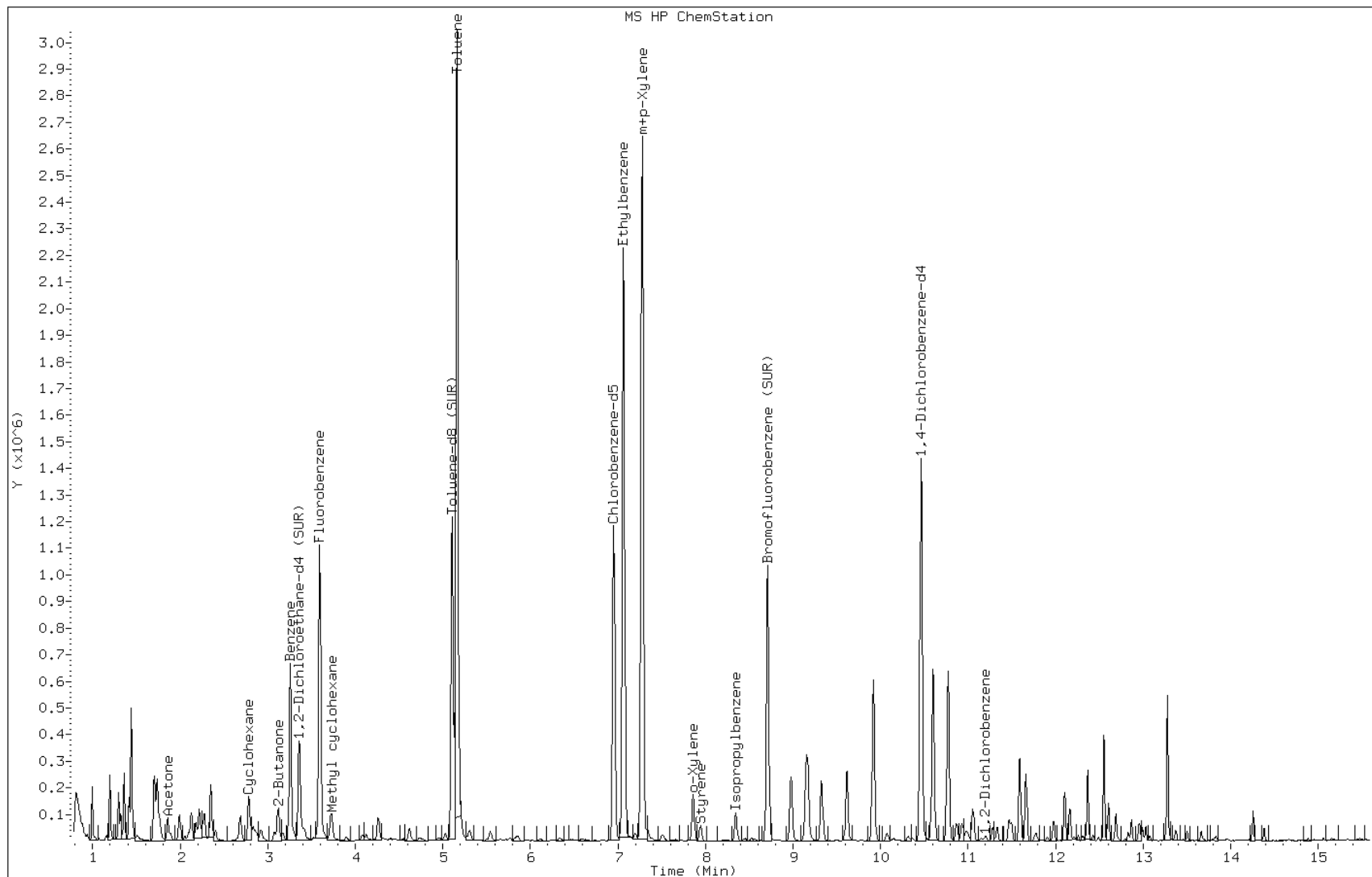
Date: 11-AUG-2012 01:53

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3;5

Operator: GC/MS VOAMS5



Data File: e06591.d

Date: 11-AUG-2012 01:53

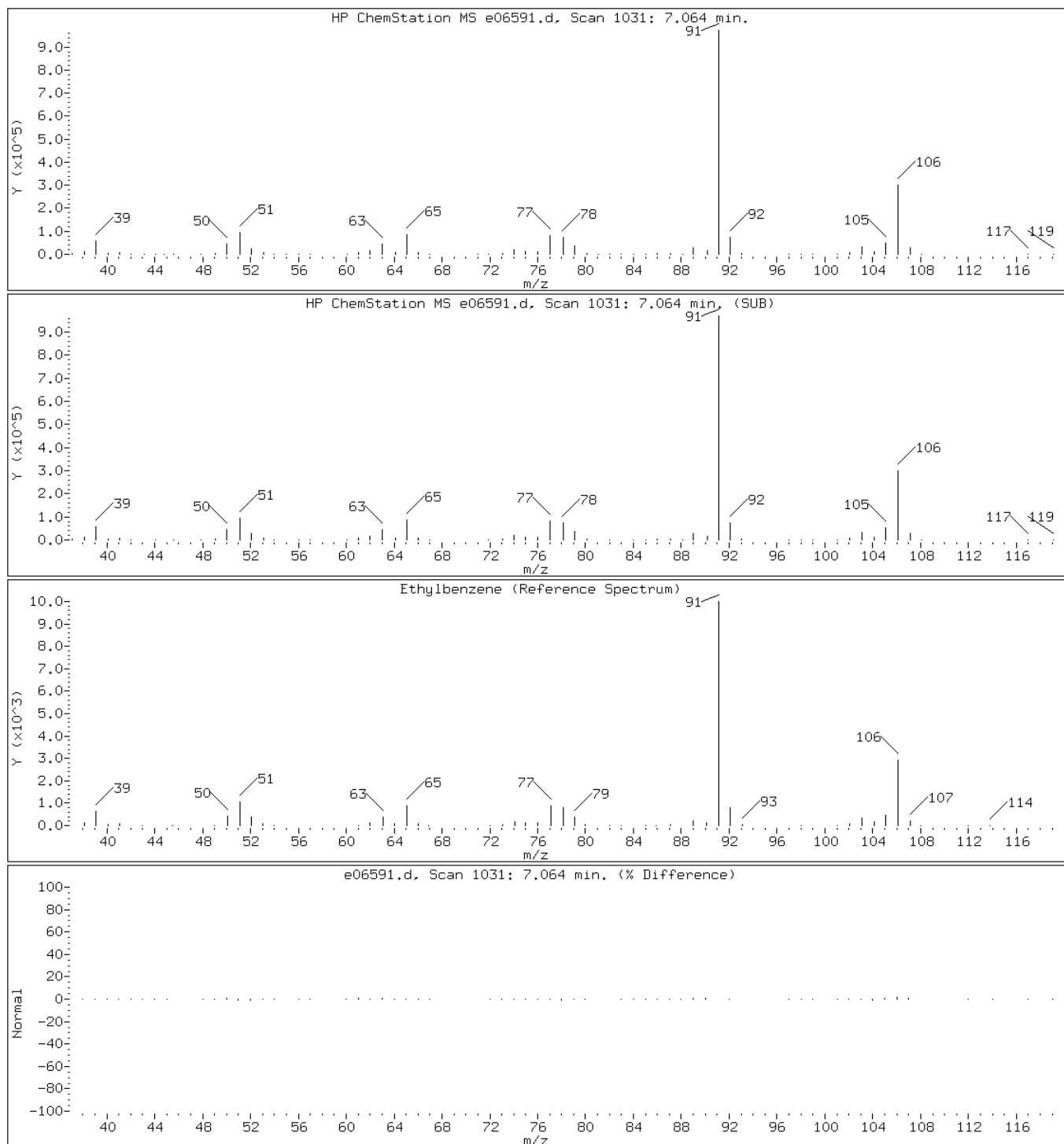
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3;5

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06591.d

Date: 11-AUG-2012 01:53

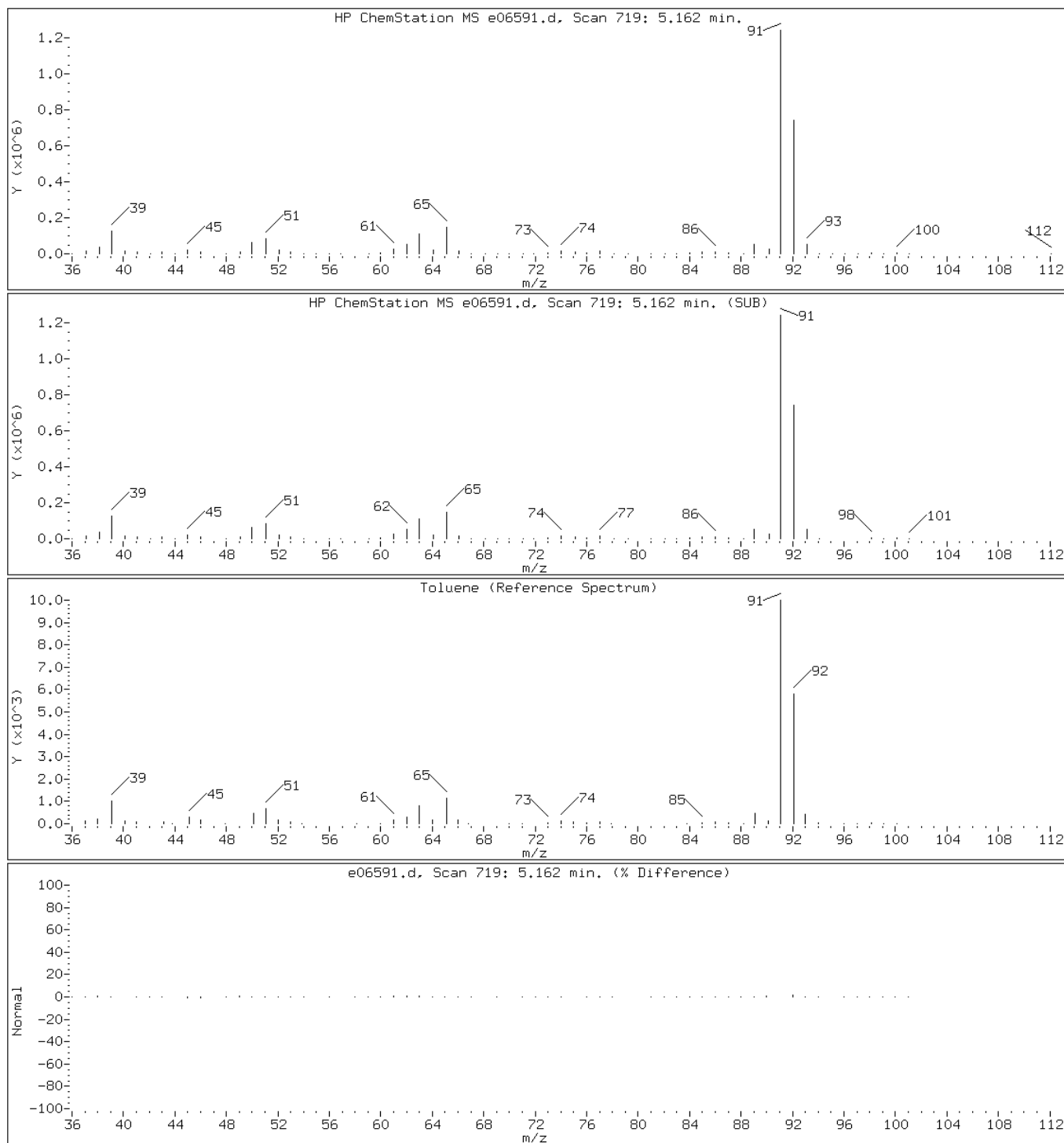
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-3;5

Operator: GC/MS VOAMS5

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-4
 Matrix: Water Lab File ID: e06691.d
 Analysis Method: 8260B Date Collected: 08/08/2012 11:45
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 13:18
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	3.7		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	280		5.0	2.7
75-15-0	Carbon disulfide	0.65	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	61		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	1000	E	1.0	0.10
110-82-7	Cyclohexane	190		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	390		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	80		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	1900	E	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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-4
 Matrix: Water Lab File ID: e06691.d
 Analysis Method: 8260B Date Collected: 08/08/2012 11:45
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 13:18
 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.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	2.2	J	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.24	J	1.0	0.11
1330-20-7	Xylenes, Total	1600	E	3.0	0.36
100-42-5	Styrene	29		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	46		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	0.64	J	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.2		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	99		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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-4
Matrix: Water Lab File ID: e06691.d
Analysis Method: 8260B Date Collected: 08/08/2012 11:45
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 13:18
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.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 1580

CAS NO.	COMPOUND NAME	RT	RESULT	Q
106-97-8	Butane	1.00	140	J N
	C5H12 Alkane	1.21	150	J
109-66-0	Pentane	1.31	120	J N
	C5H10 Alkene	1.46	160	J
287-92-3	Cyclopentane	1.74	160	J N
	Ethylmethylbenzene isomer	9.17	140	J
	Trimethylbenzene isomer	9.93	160	J
	Trimethylbenzene isomer-1	10.61	210	J
496-11-7	Indane	10.78	200	J N
91-20-3	Naphthalene	13.28	140	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06691.d
 Report Date: 13-Aug-2012 15:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06691.d
 Lab Smp Id: 460-43314-C-4 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 13:18
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-4
 Misc Info : 460-43314-C-4
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 23
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	=====	==	=====	=====	=====		(ug/L)	(ug/L)
16 Acetone	58	1.882	1.888	(0.523)	85497		284.598	280
18 Carbon Disulfide	76	1.571	1.565	(0.437)	6620		0.64560	0.64(a)
38 2-Butanone	72	3.071	3.071	(0.854)	30842		60.5441	60
44 Cyclohexane	56	2.790	2.778	(0.776)	966621		185.362	180
48 Benzene	78	3.260	3.254	(0.469)	4513380		389.726	390
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	231075		50.5912	50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	762706		50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	435312		80.0110	80
\$ 65 Toluene-d8 (SUR)	98	5.119	5.107	(0.736)	738764		48.4937	48
66 Toluene	91	5.180	5.162	(0.745)	27258888		1883.89	1900(A)
73 2-Hexanone	43	6.680	6.680	(0.961)	4132		2.19107	2.2(a)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	671540		50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	2598		0.24452	0.24(a)
81 Ethylbenzene	106	7.088	7.064	(1.019)	5820231		1040.30	1000(A)
82 m+p-Xylene	106	7.314	7.277	(1.052)	10387570		1476.07	1500(A)
84 o-Xylene	106	7.862	7.862	(1.131)	766607		108.726	110

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06691.d
 Report Date: 13-Aug-2012 15:49

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
85 Styrene		104	7.948	7.942	(1.143)	346798	28.5545	28
88 Isopropylbenzene		105	8.350	8.350	(1.201)	887339	46.1462	46
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710	(0.832)	359261	49.4983	49
105 1,3-Dichlorobenzene		146	10.331	10.331	(0.987)	6733	0.64473	0.64(a)
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466	(1.000)	421723	50.0000	
109 1,4-Dichlorobenzene		146	10.490	10.490	(1.002)	12369	1.16016	1.2
111 1,2-Dichlorobenzene		146	11.155	11.148	(1.066)	36282	3.73527	3.7
M 121 Xylene (Total)		100				11154177	1584.79	1600

QC Flag Legend

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

Data File: e06691.d

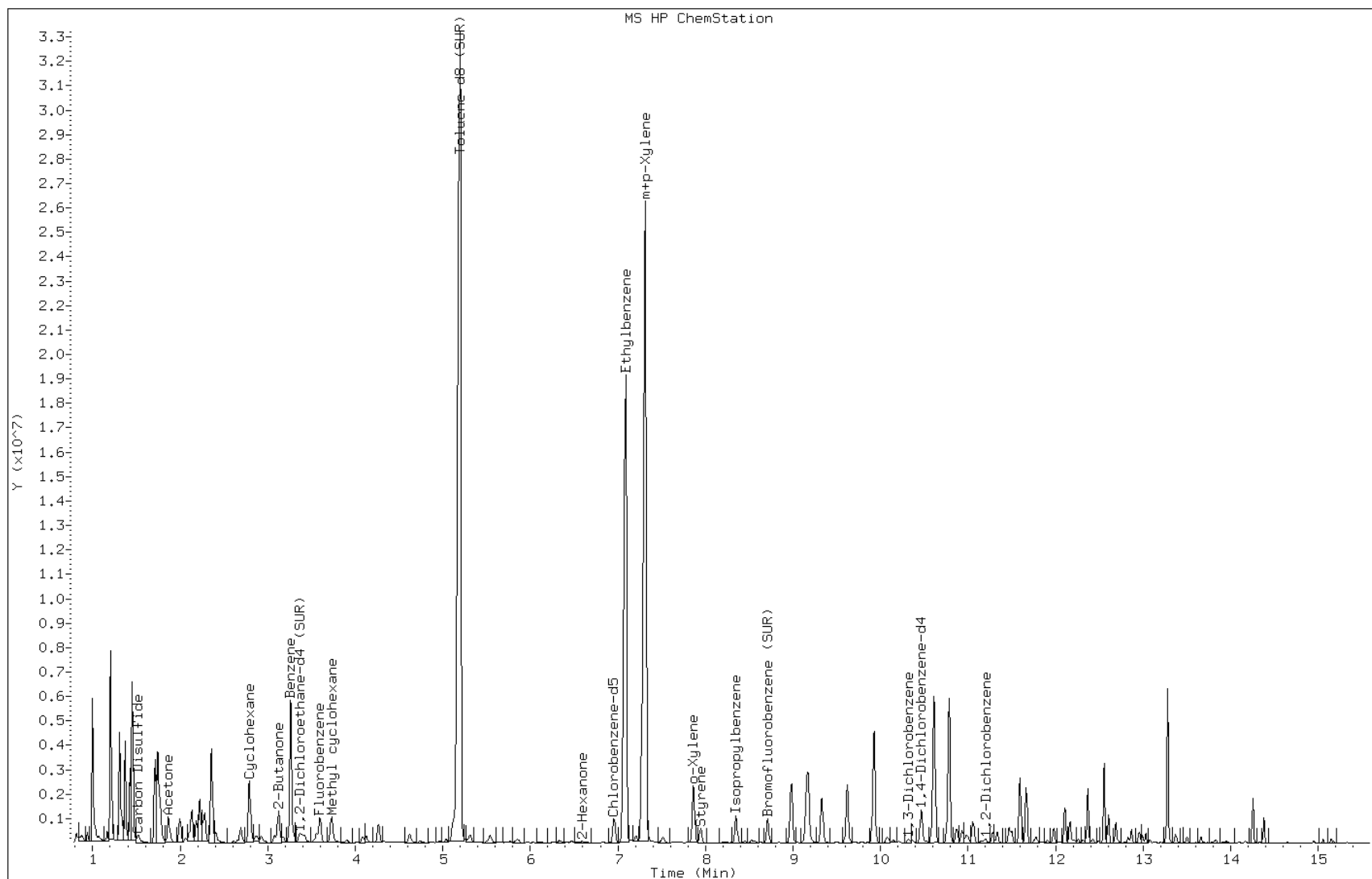
Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5



Data File: e06691.d

Date: 13-AUG-2012 13:18

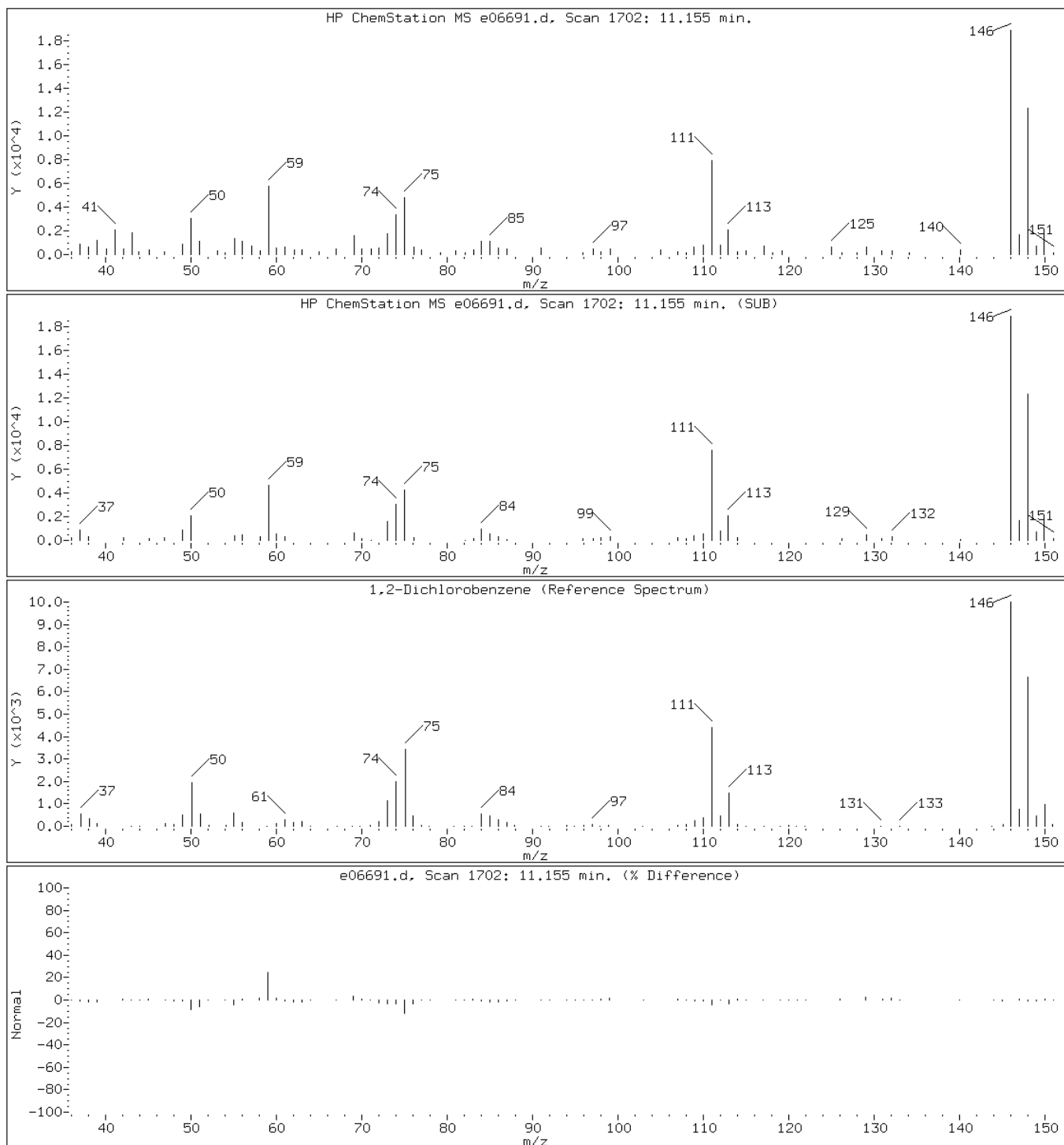
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

111 1,2-Dichlorobenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

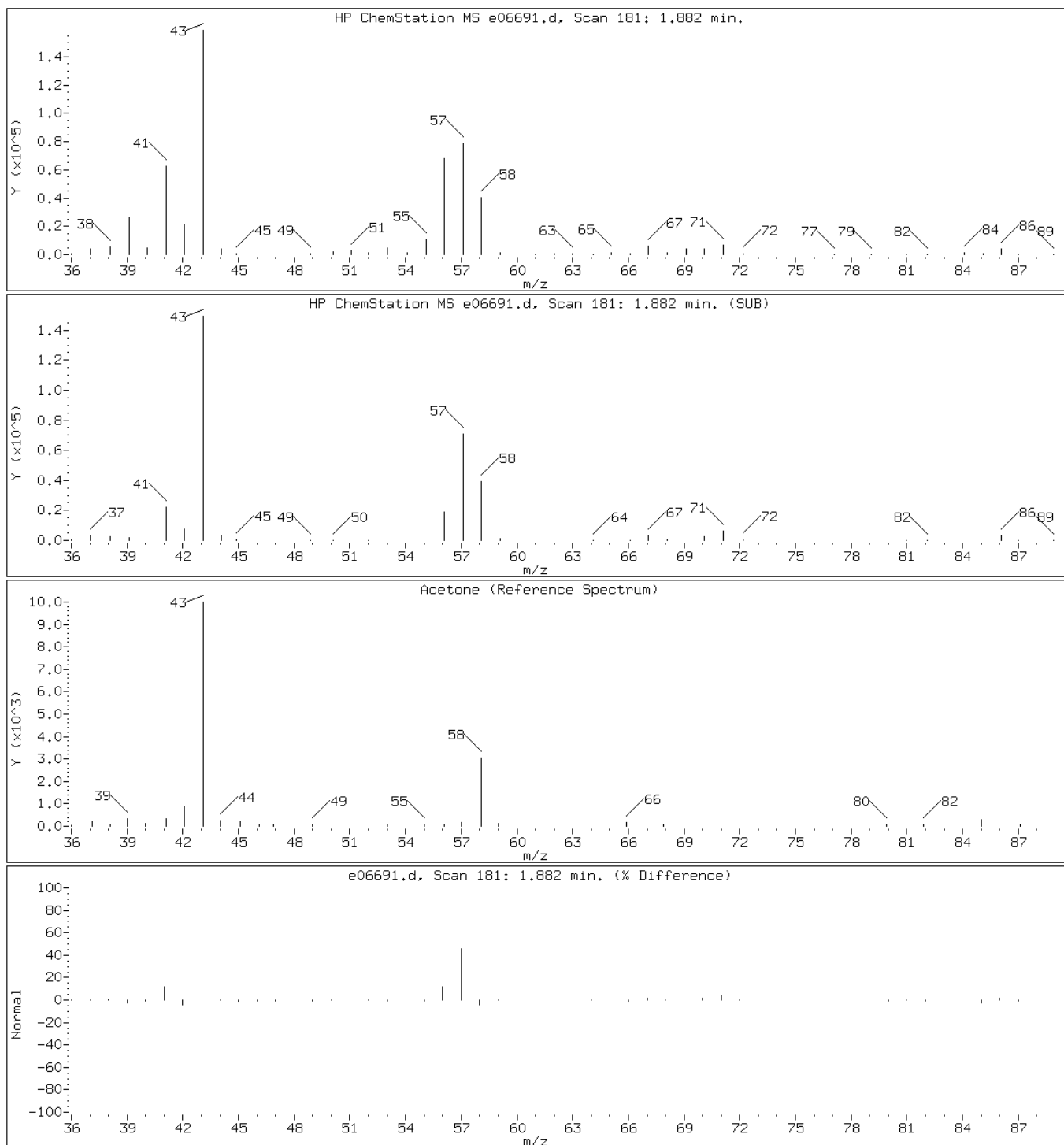
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

16 Acetone



Data File: e06691.d

Date: 13-AUG-2012 13:18

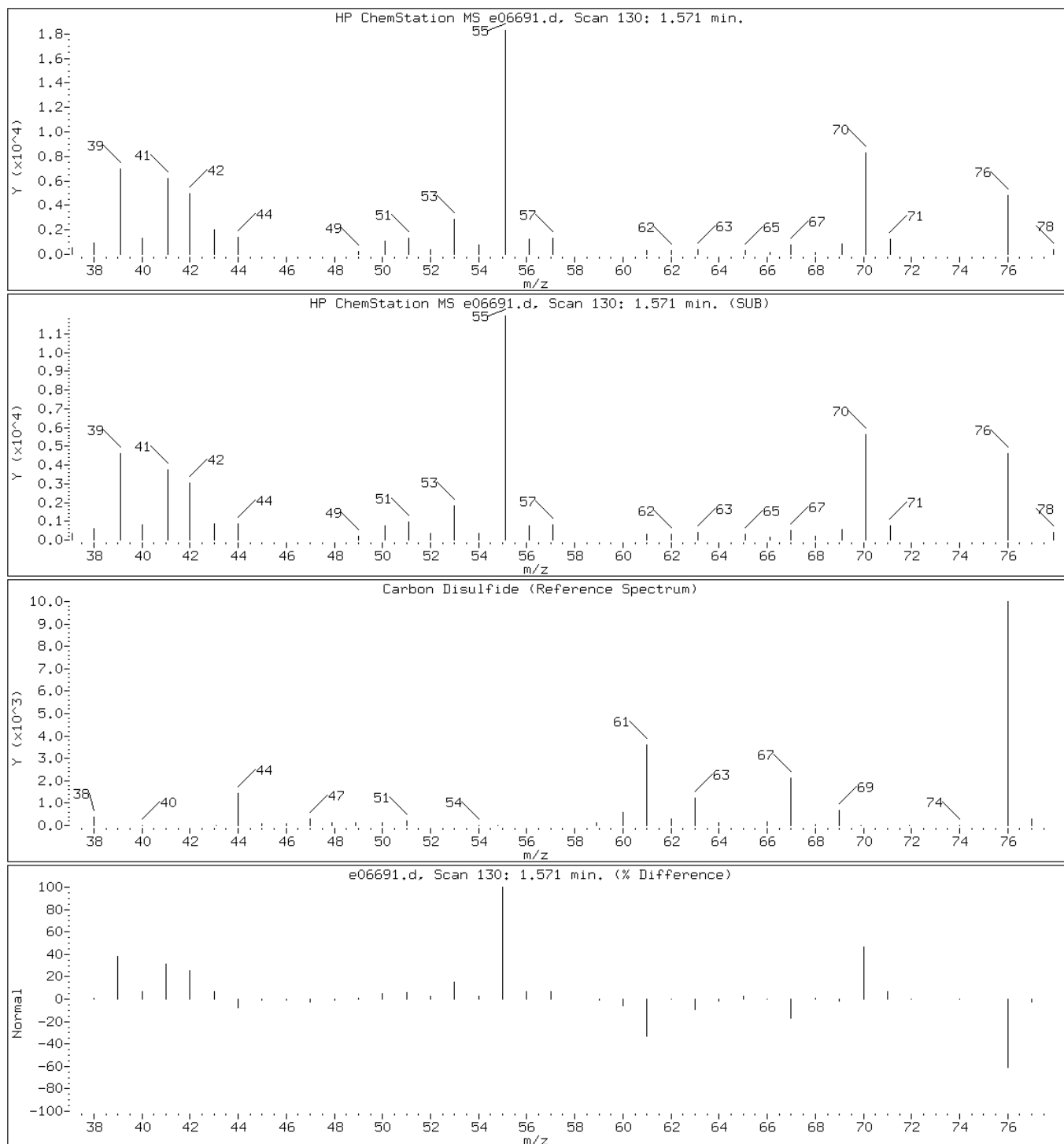
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

18 Carbon Disulfide



Data File: e06691.d

Date: 13-AUG-2012 13:18

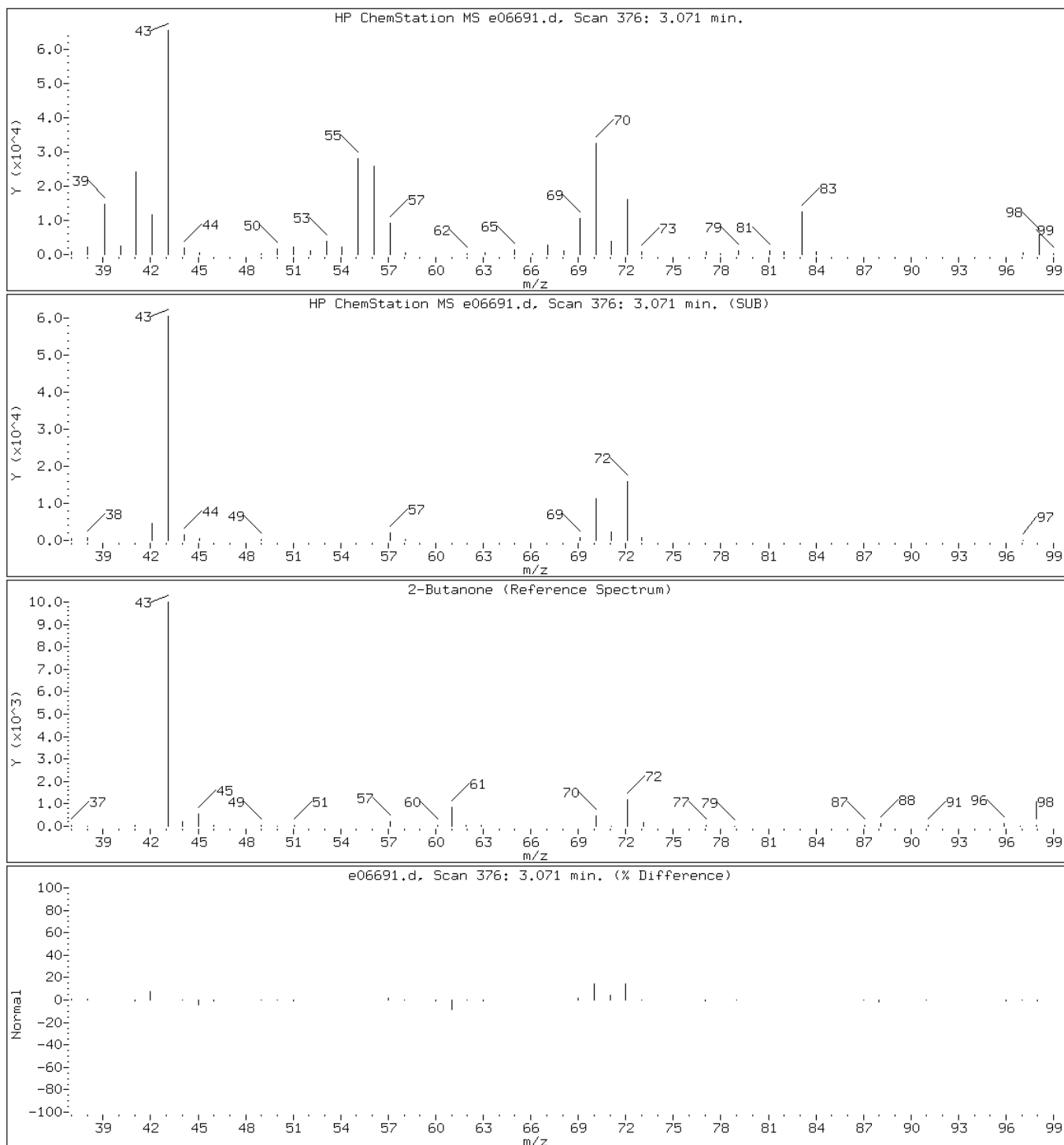
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06691.d

Date: 13-AUG-2012 13:18

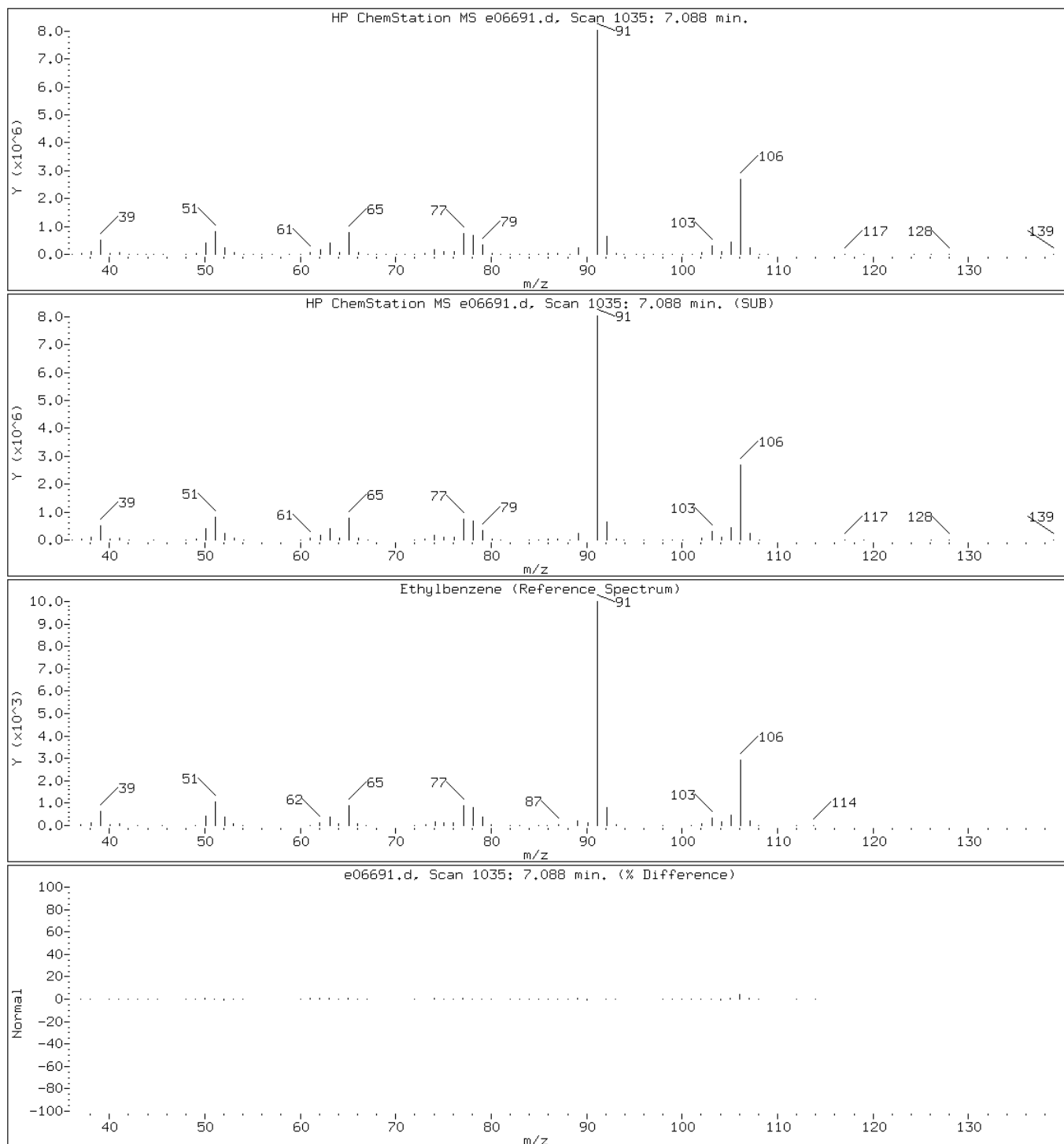
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

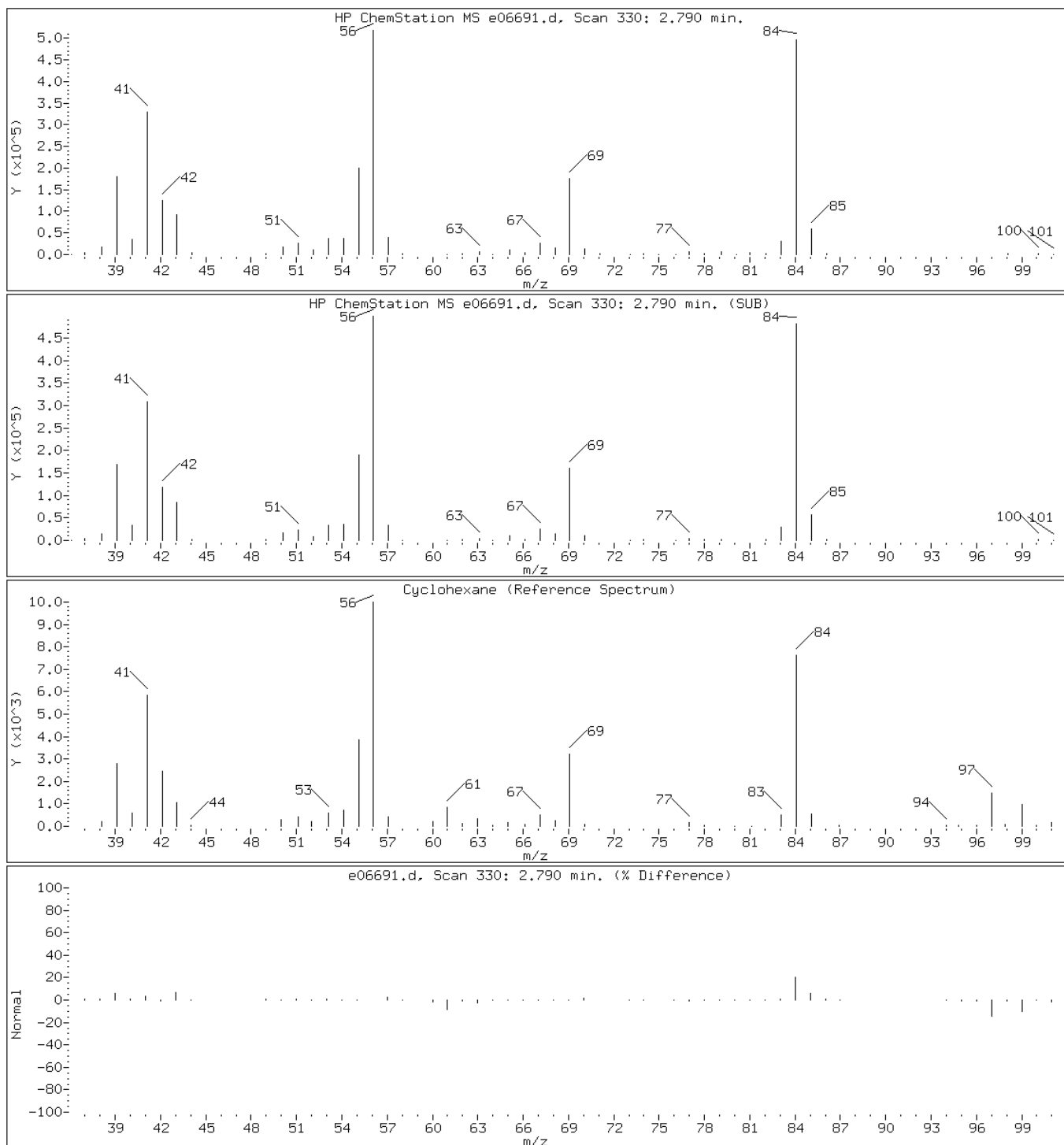
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06691.d

Date: 13-AUG-2012 13:18

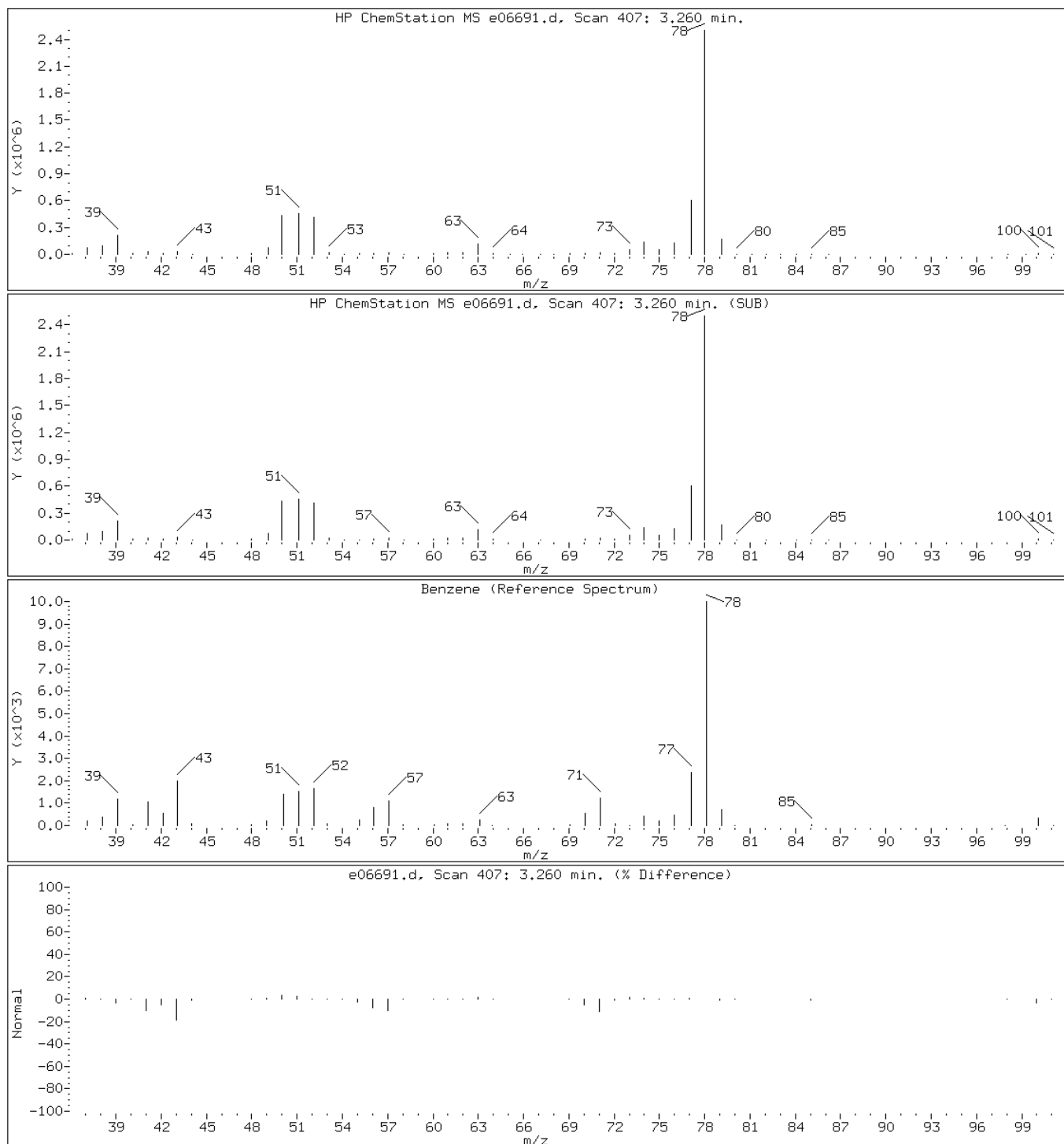
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

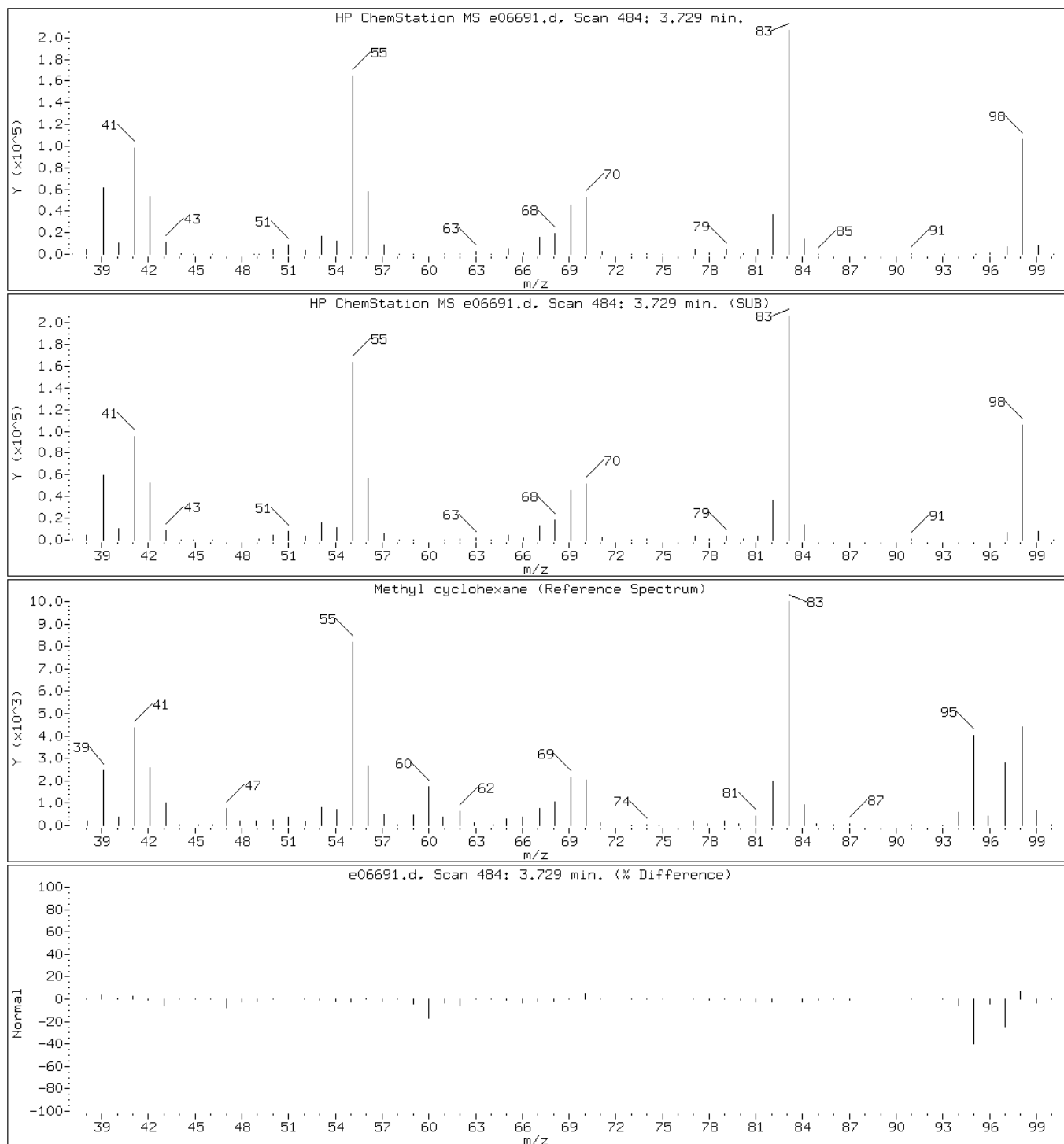
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06691.d

Date: 13-AUG-2012 13:18

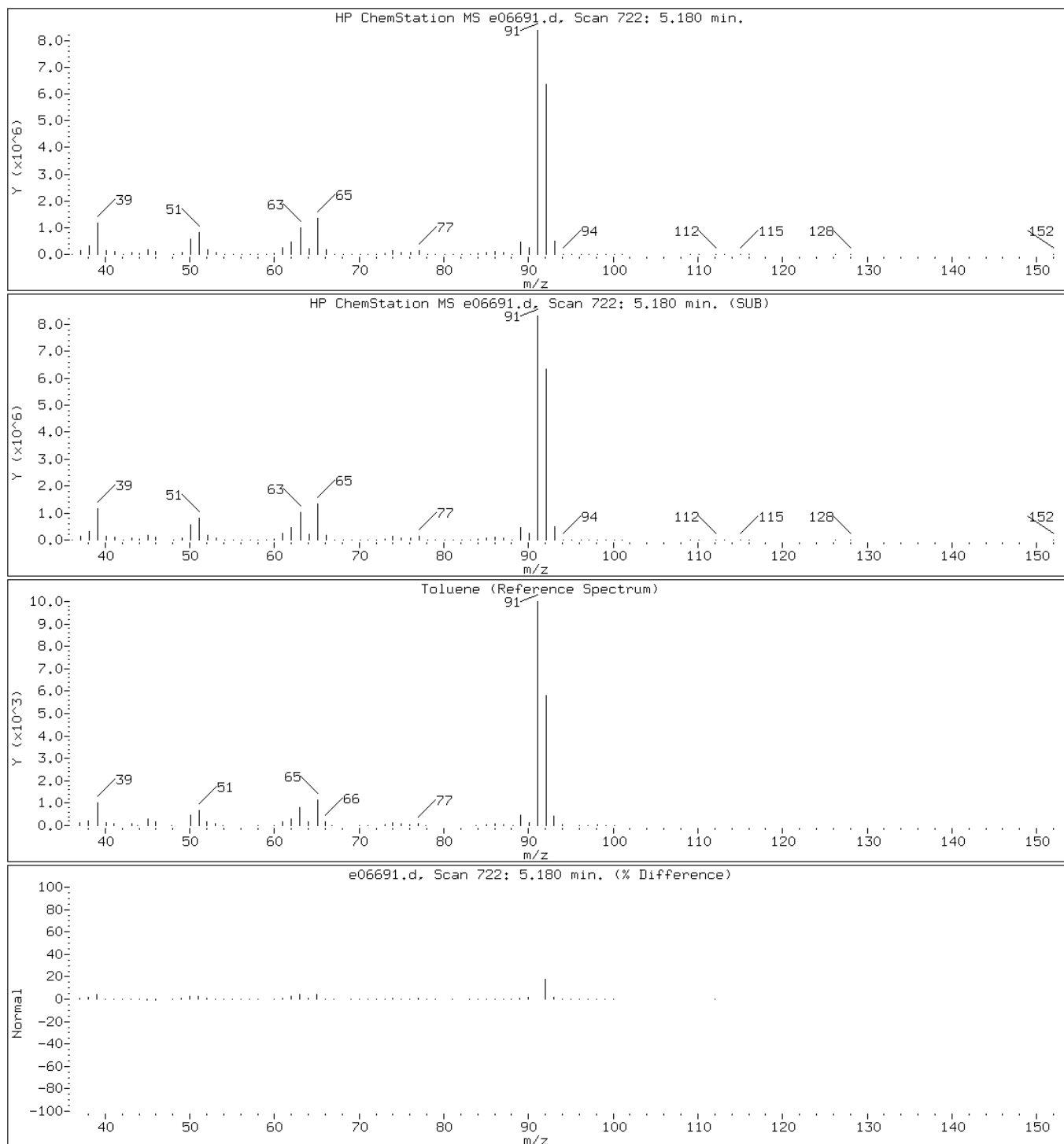
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06691.d

Date: 13-AUG-2012 13:18

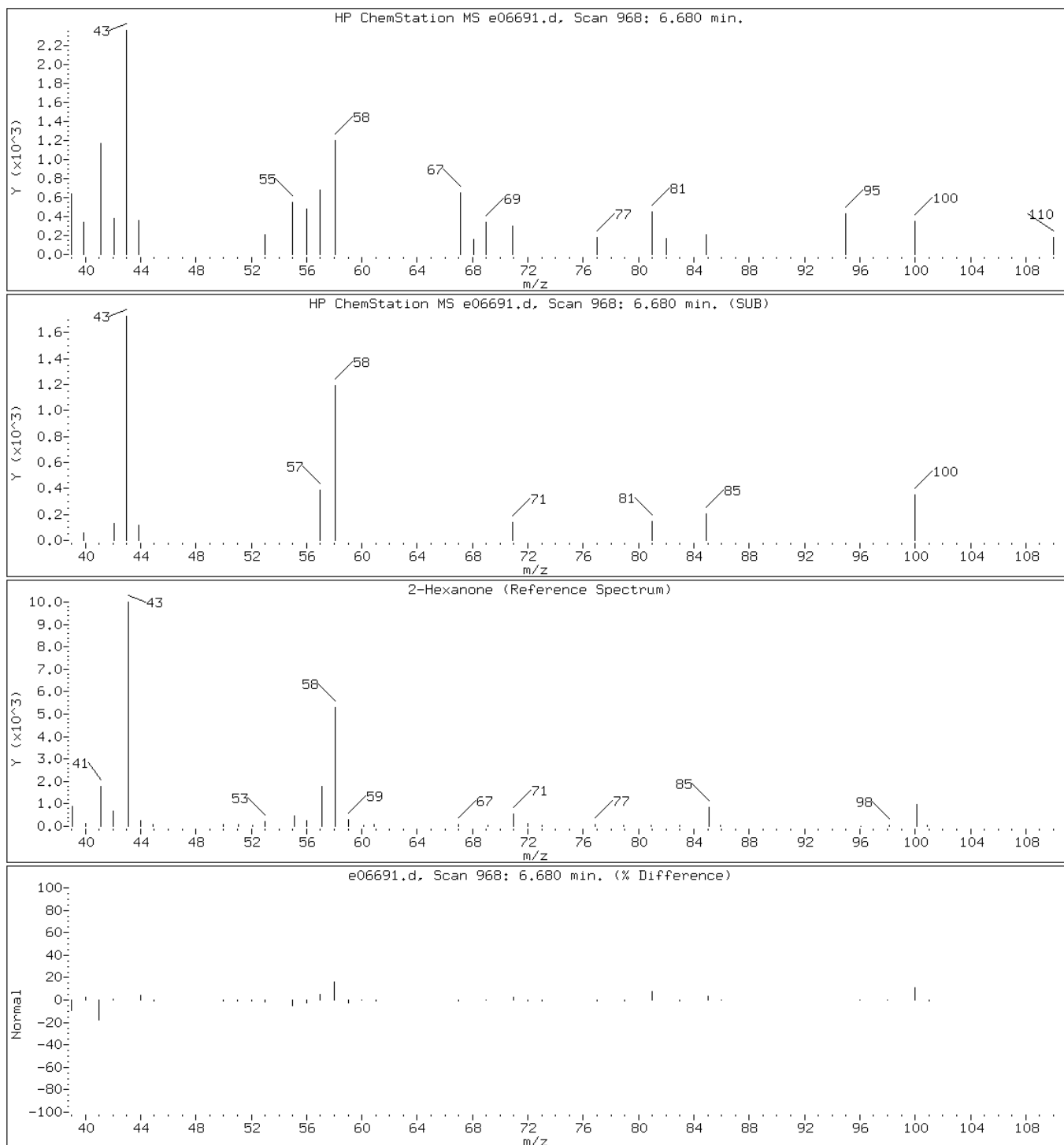
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

73 2-Hexanone



Data File: e06691.d

Date: 13-AUG-2012 13:18

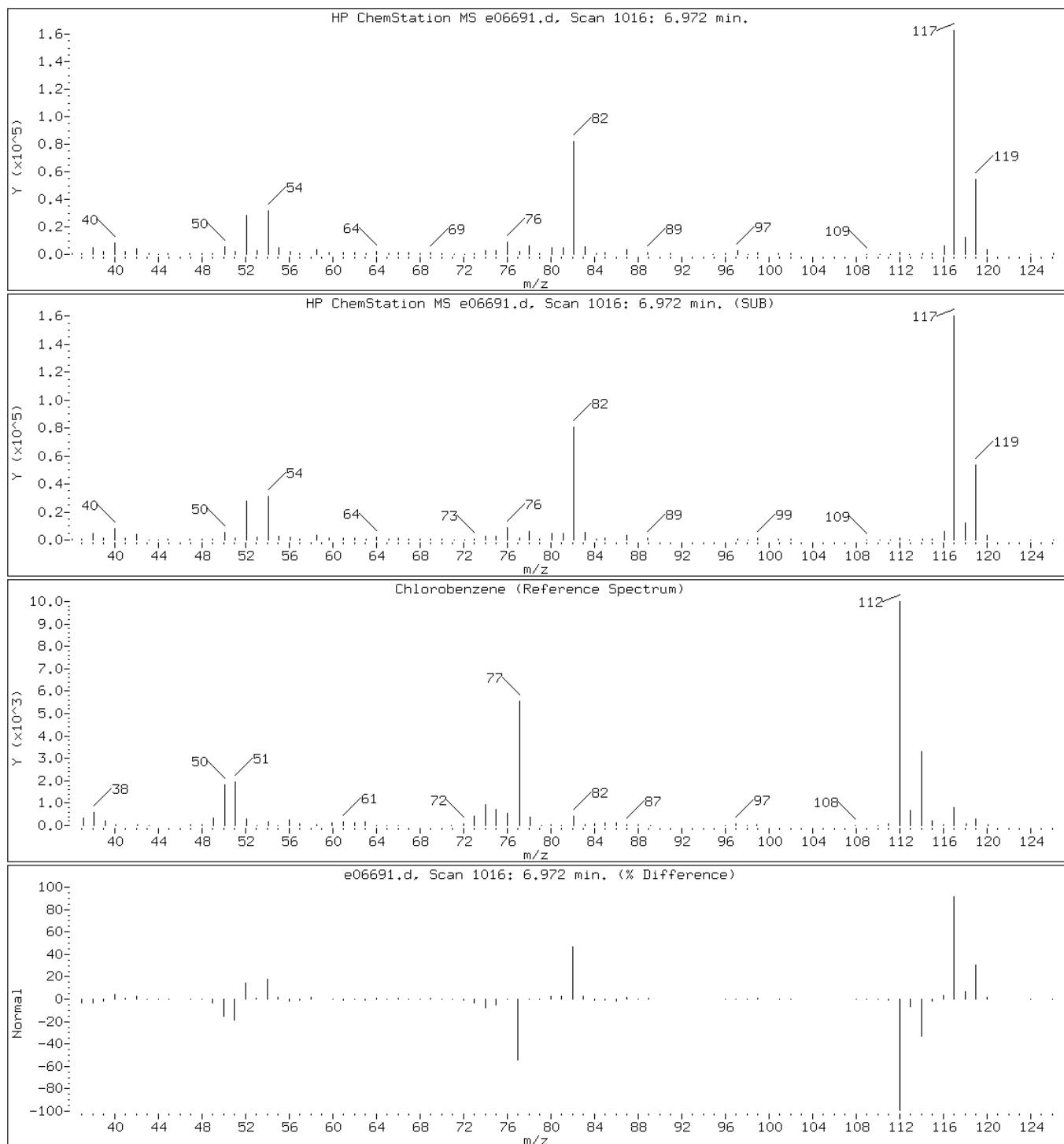
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

79 Chlorobenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

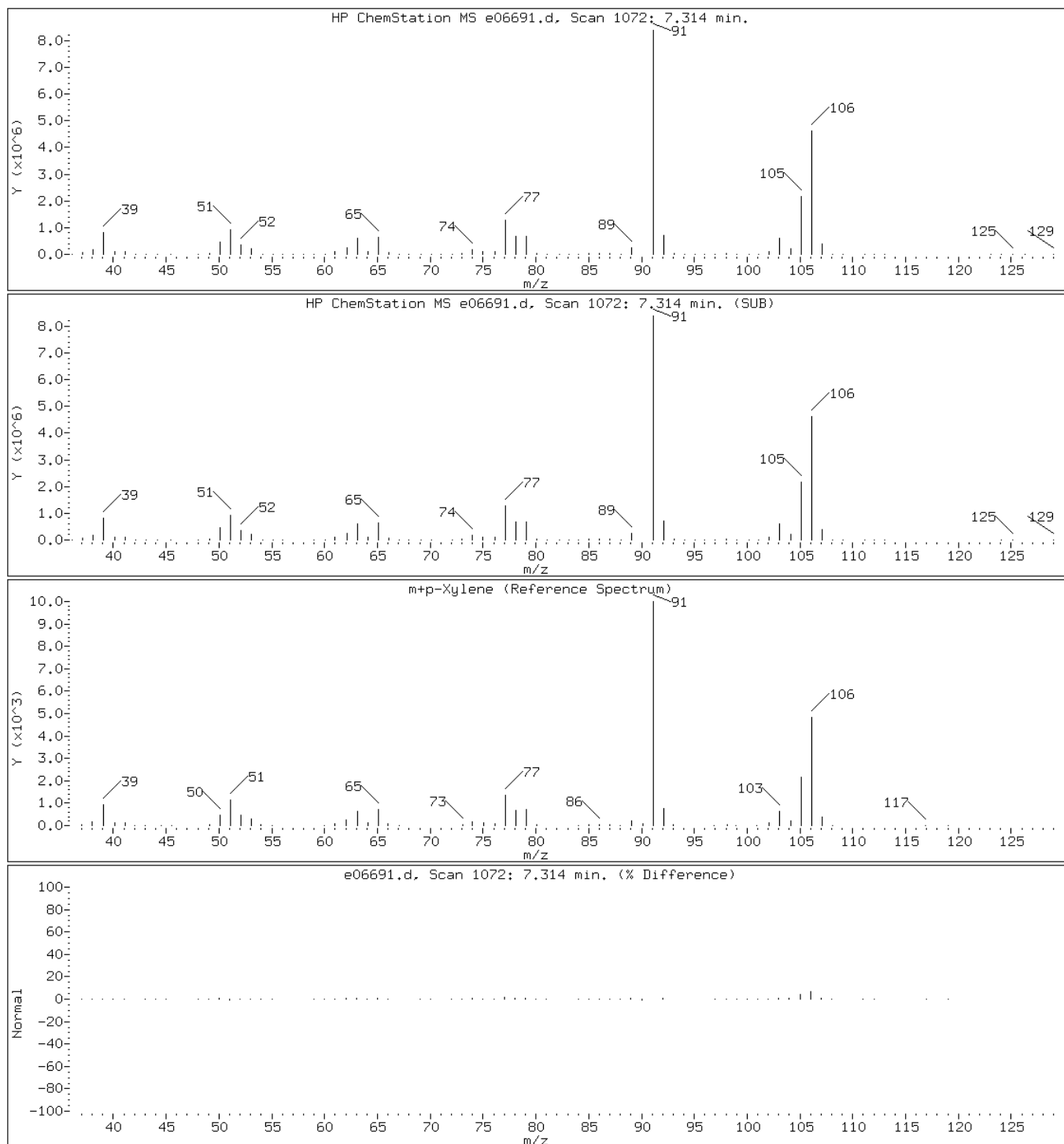
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06691.d

Date: 13-AUG-2012 13:18

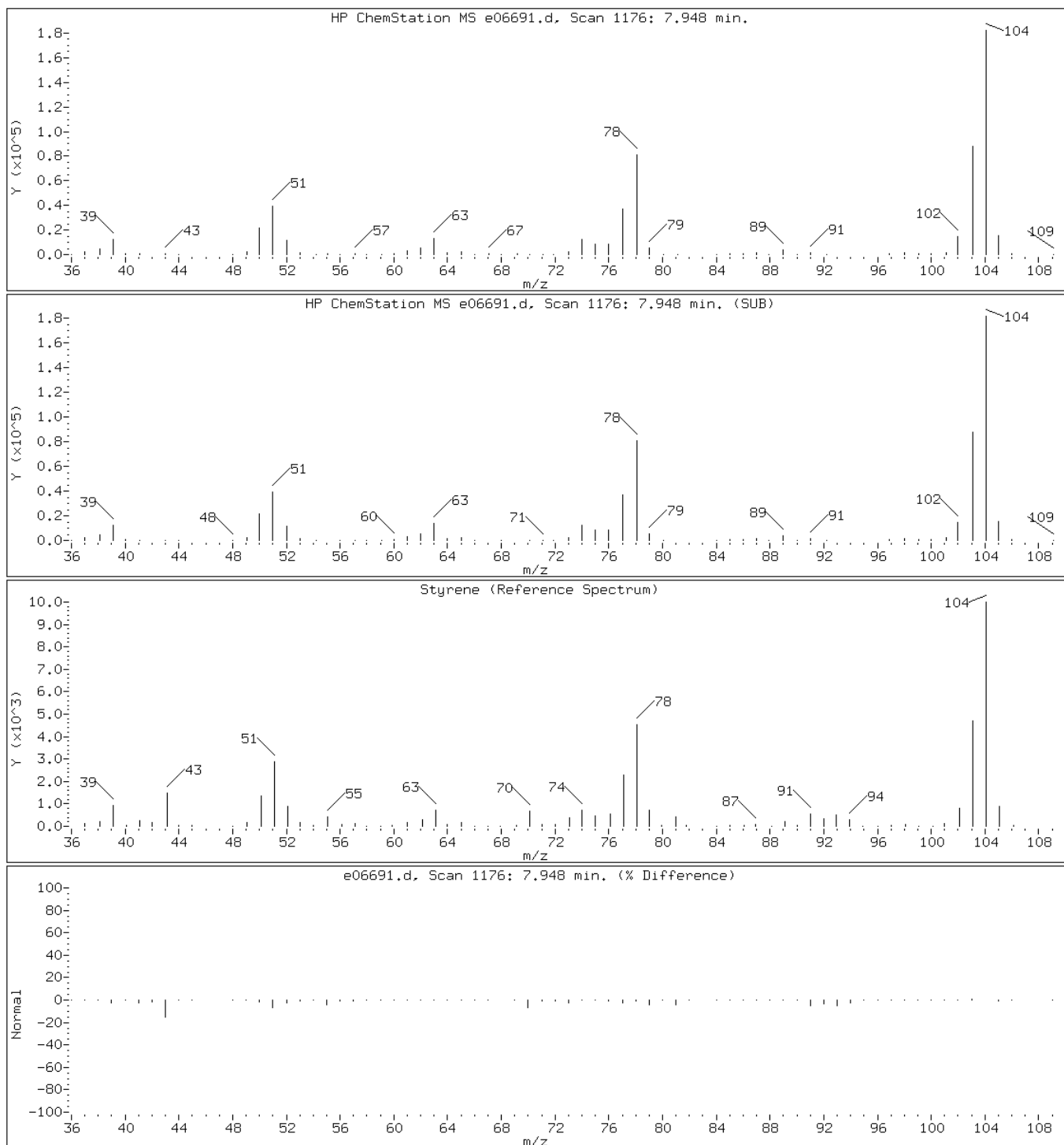
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06691.d

Date: 13-AUG-2012 13:18

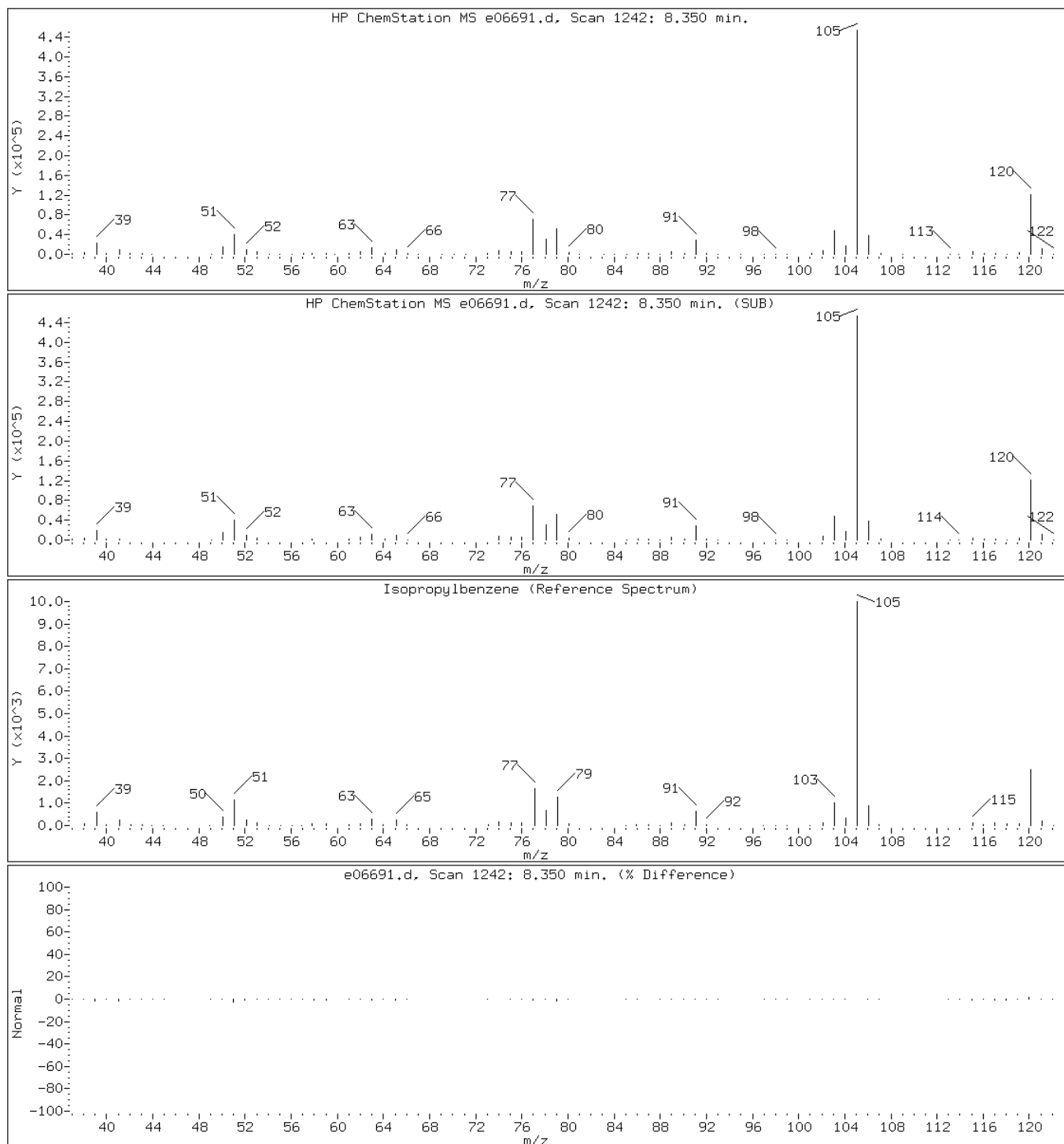
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

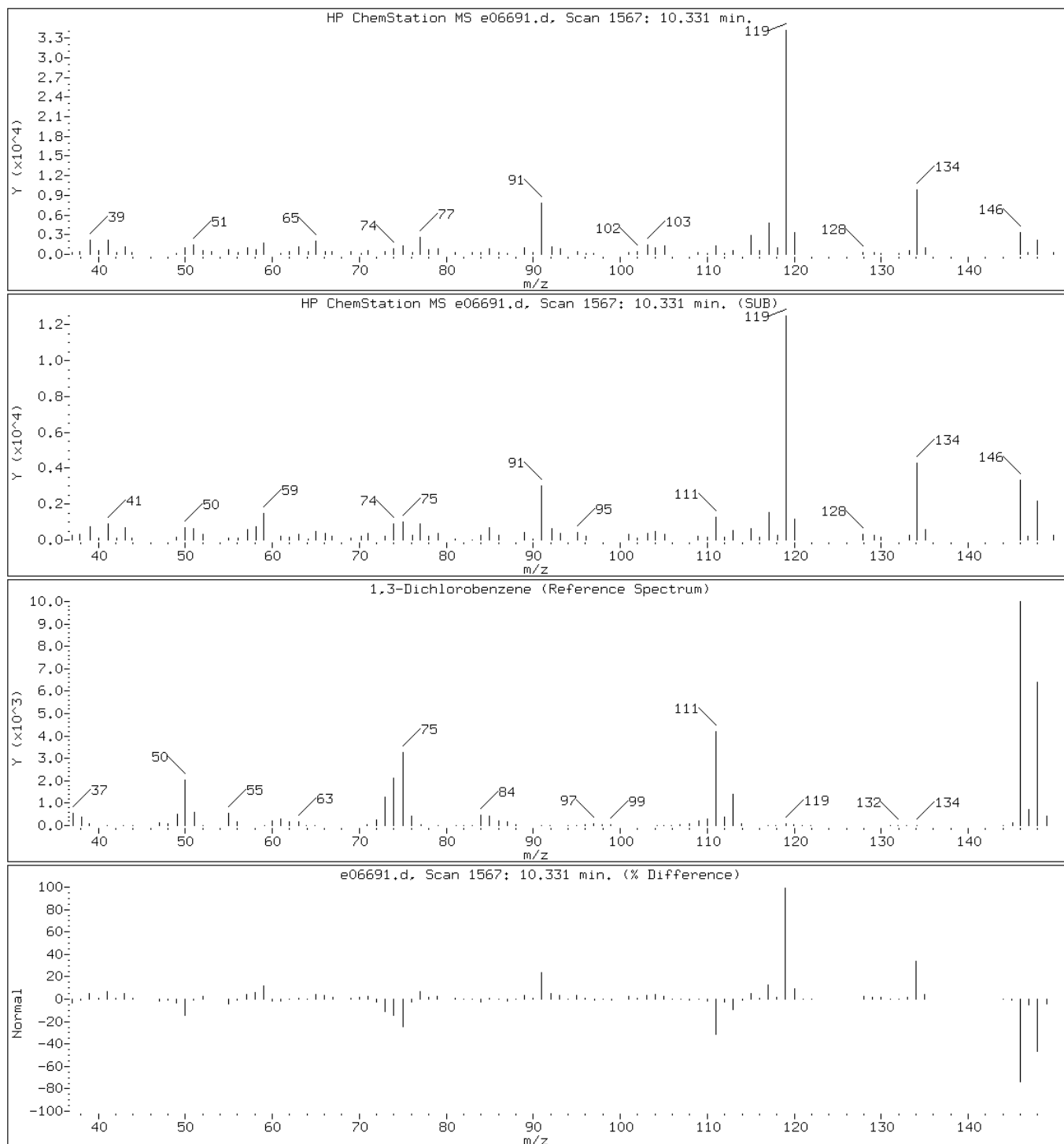
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

105 1,3-Dichlorobenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

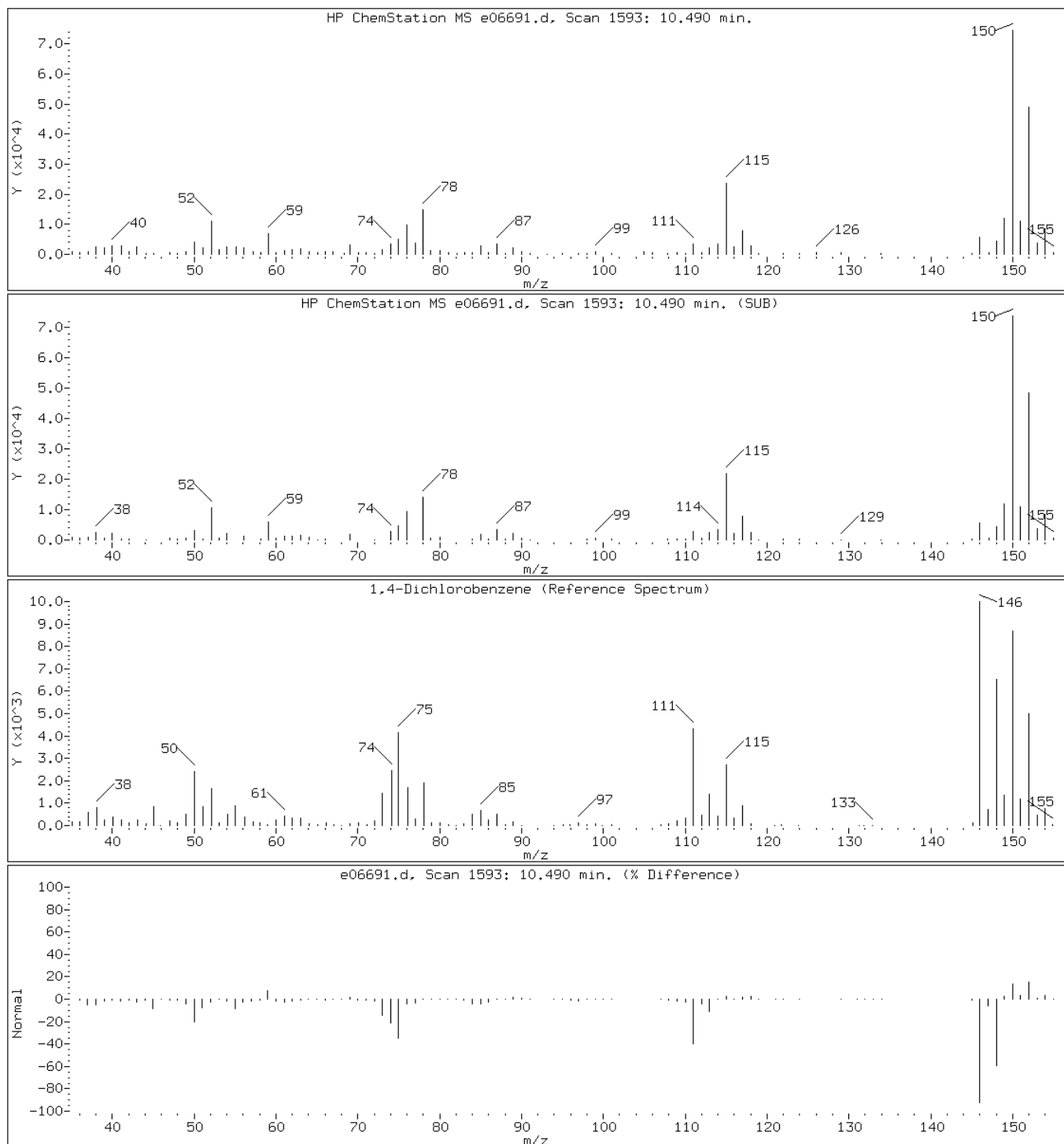
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

109 1,4-Dichlorobenzene



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

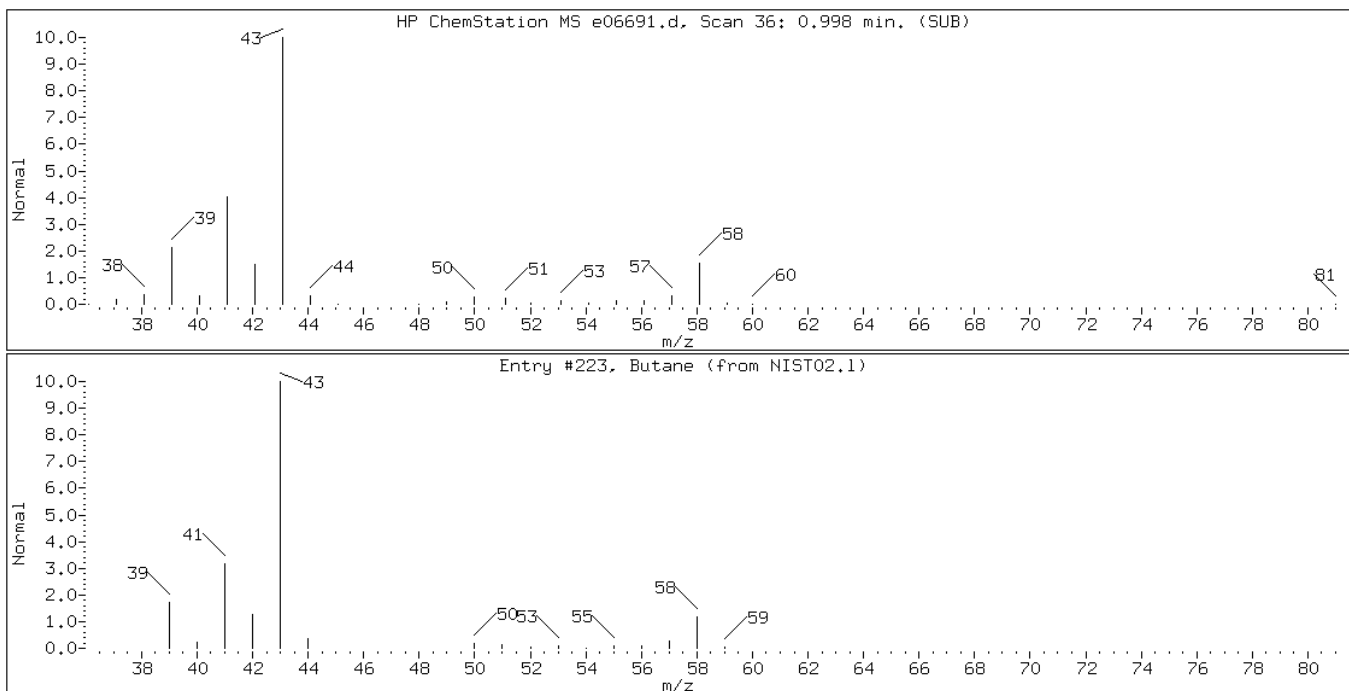
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butane	106-97-8	NIST02.1	223	72	C4H10	58



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

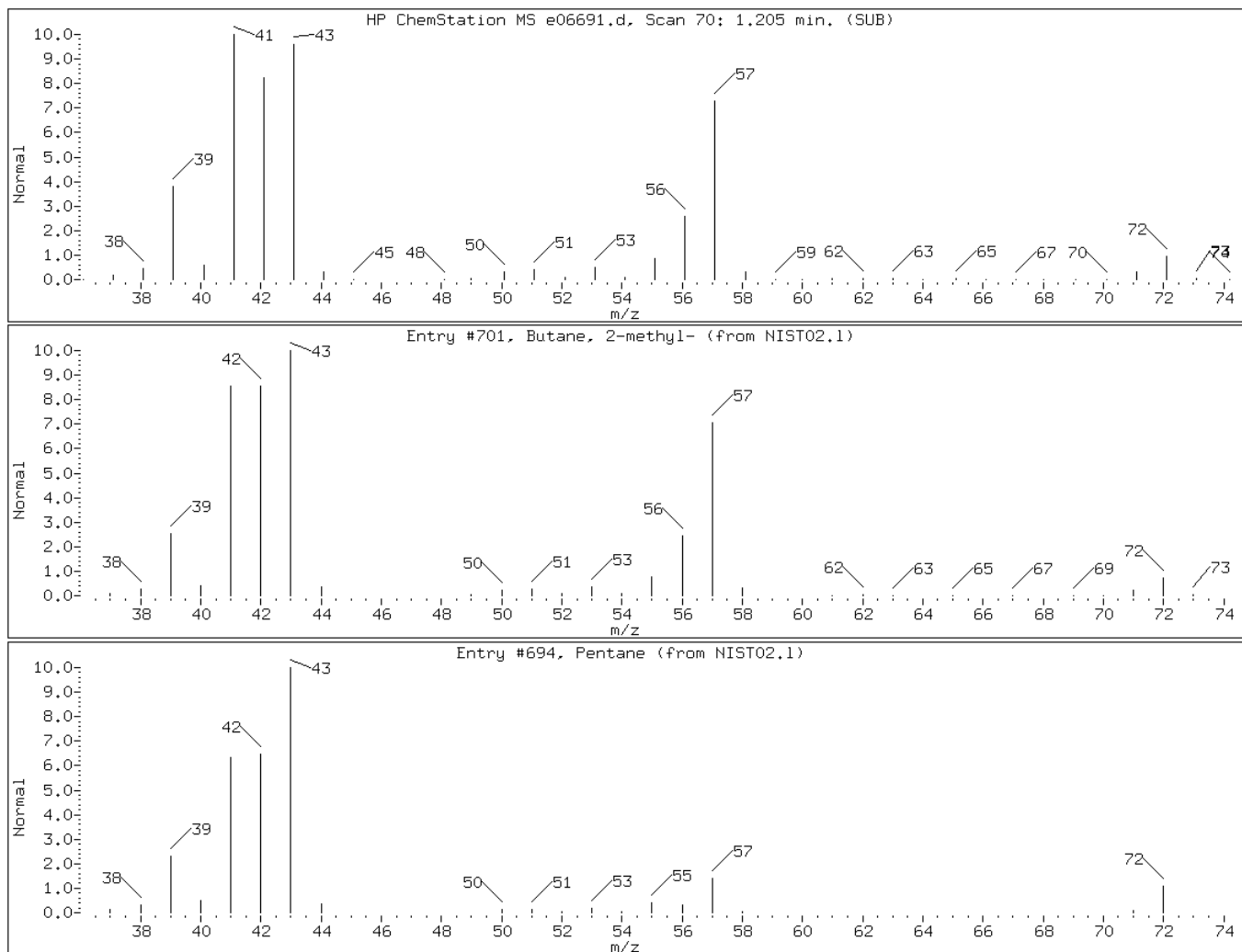
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	81	C5H12	72
Pentane	109-66-0	NIST02.1	694	50	C5H12	72



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

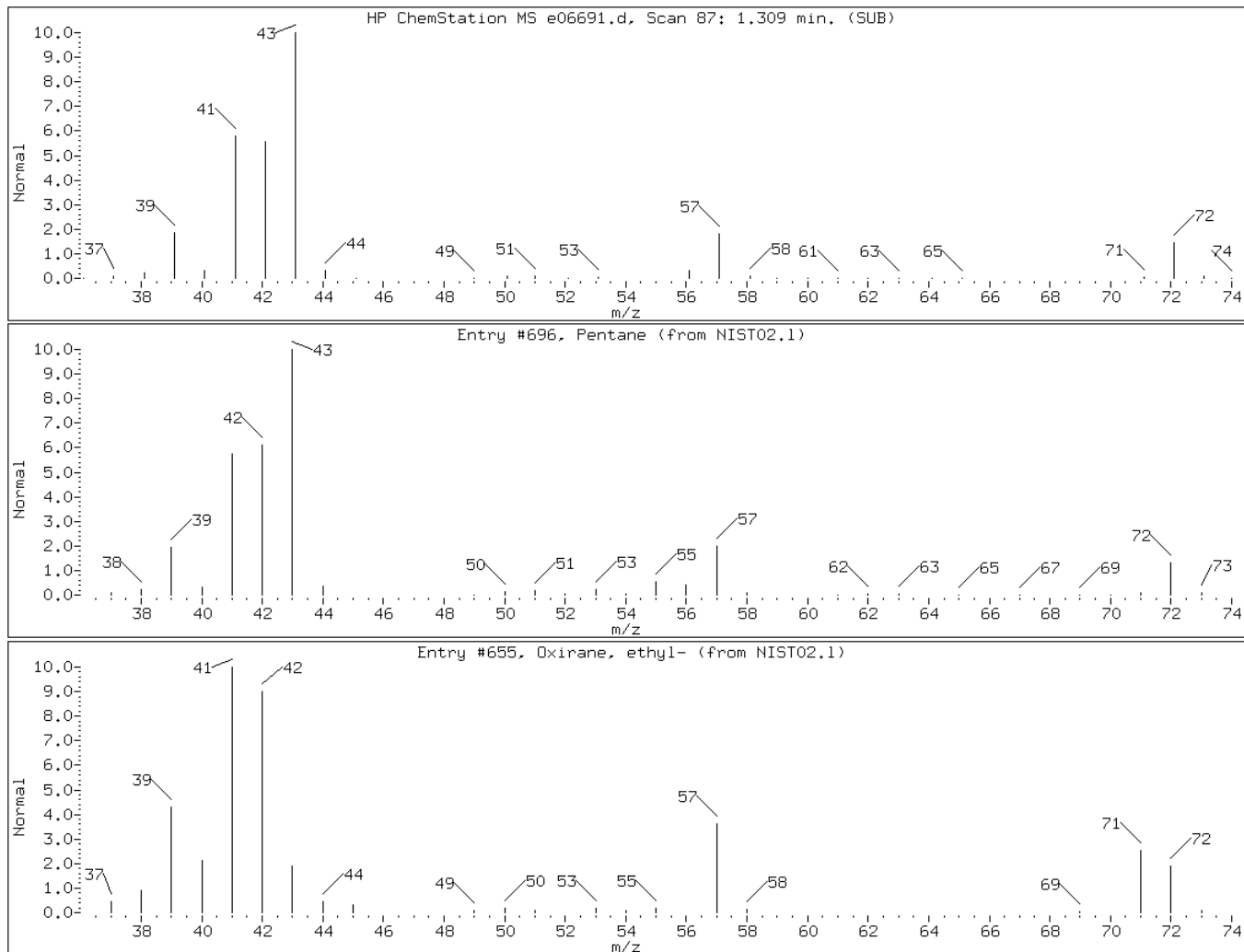
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentane	109-66-0	NIST02.1	696	91	C5H12	72
Oxirane, ethyl-	106-88-7	NIST02.1	655	53	C4H8O	72



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

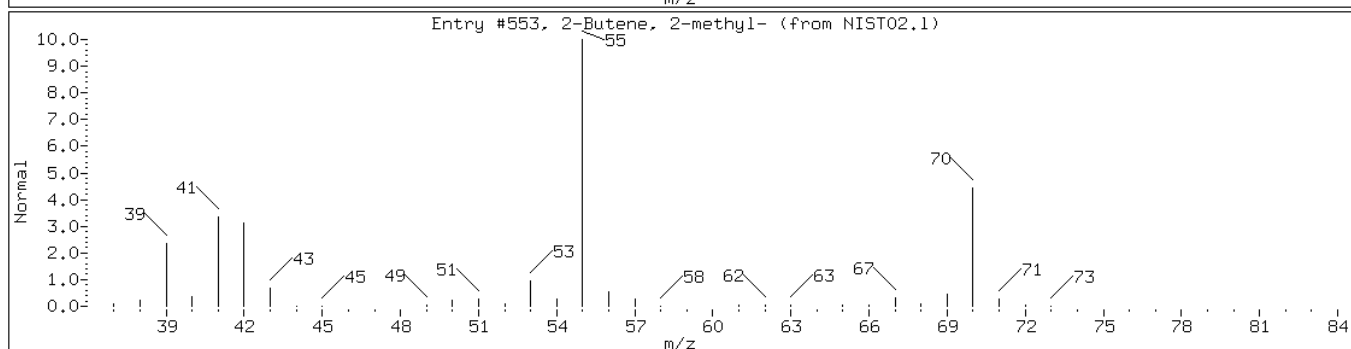
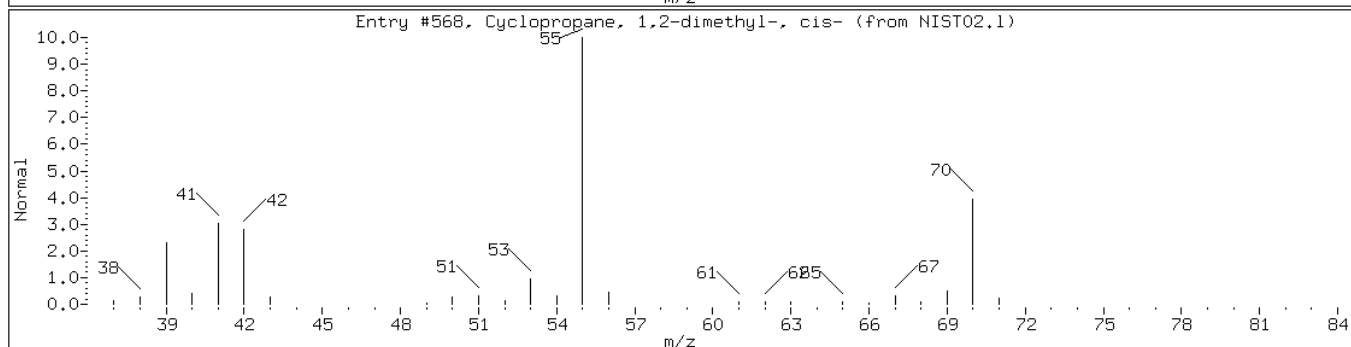
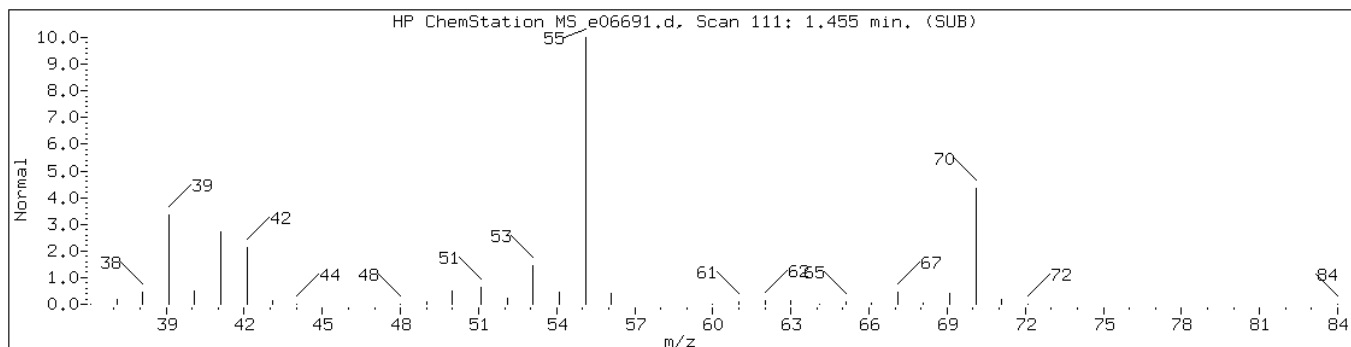
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	91	C5H10	70
2-Butene, 2-methyl-	513-35-9	NIST02.1	553	90	C5H10	70



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

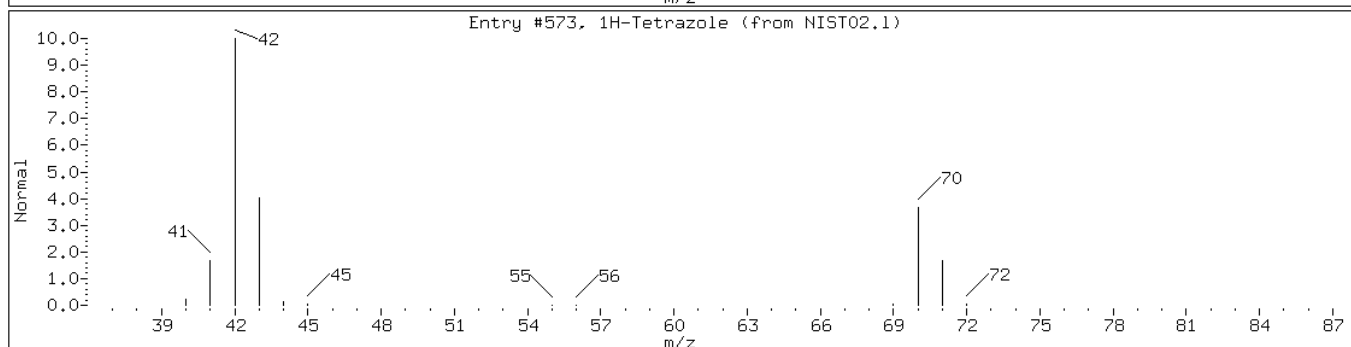
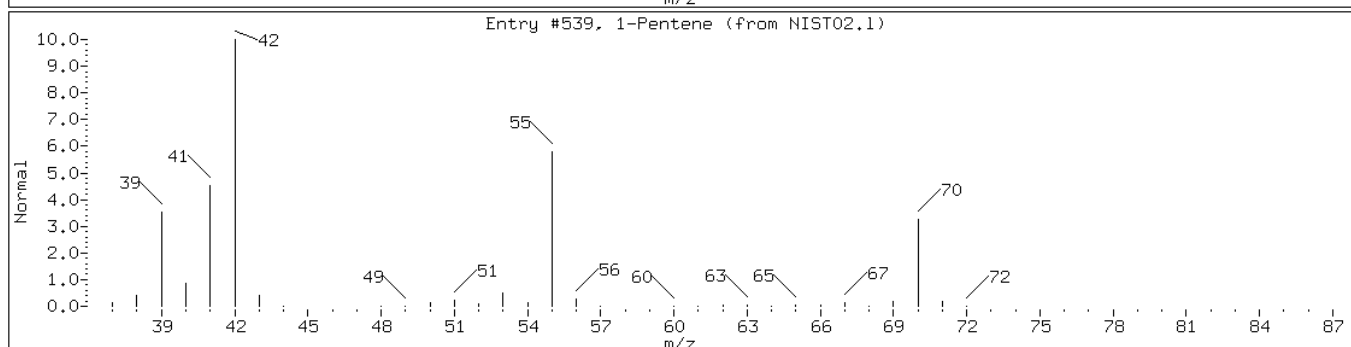
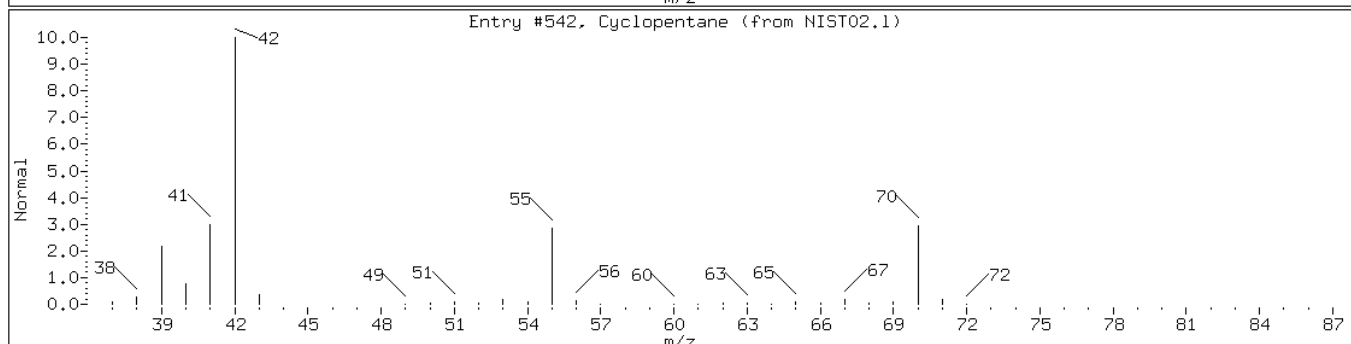
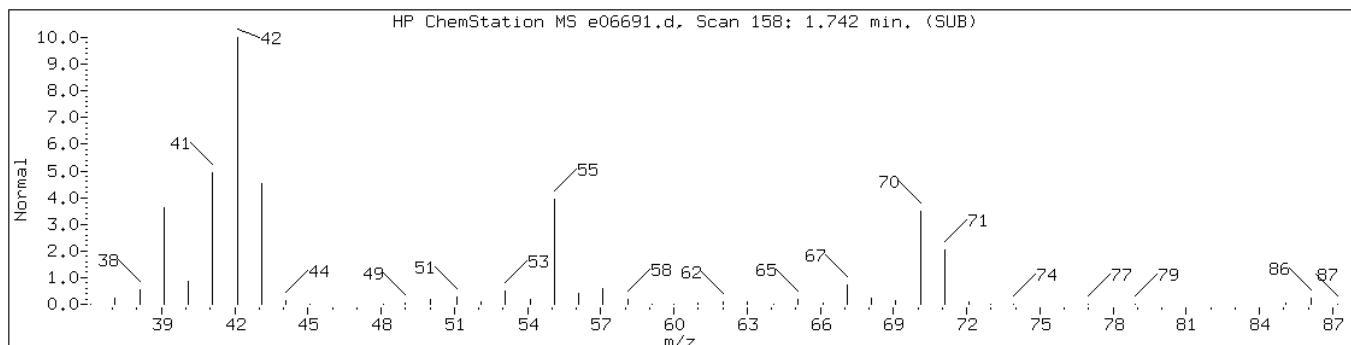
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopentane	287-92-3	NIST02.1	542	64	C5H10	70
1-Pentene	109-67-1	NIST02.1	539	64	C5H10	70
1H-Tetrazole	288-94-8	NIST02.1	573	59	CH2N4	70



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

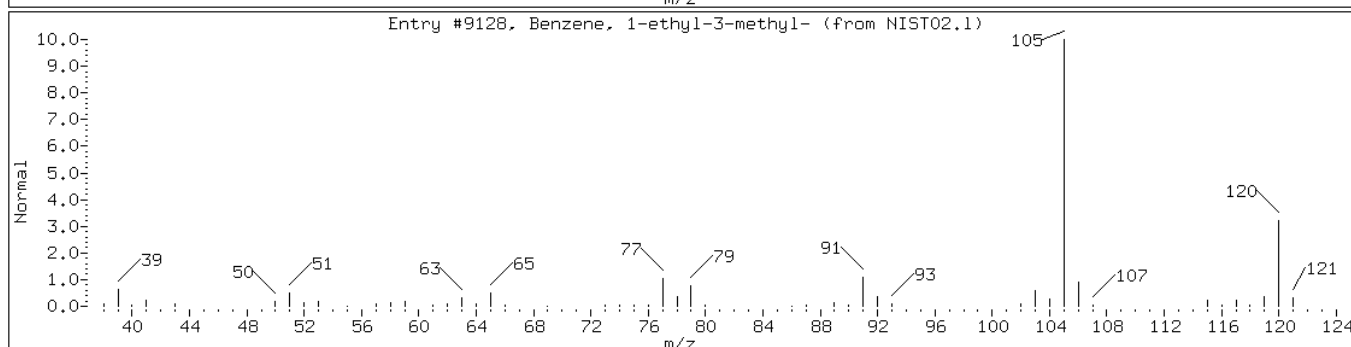
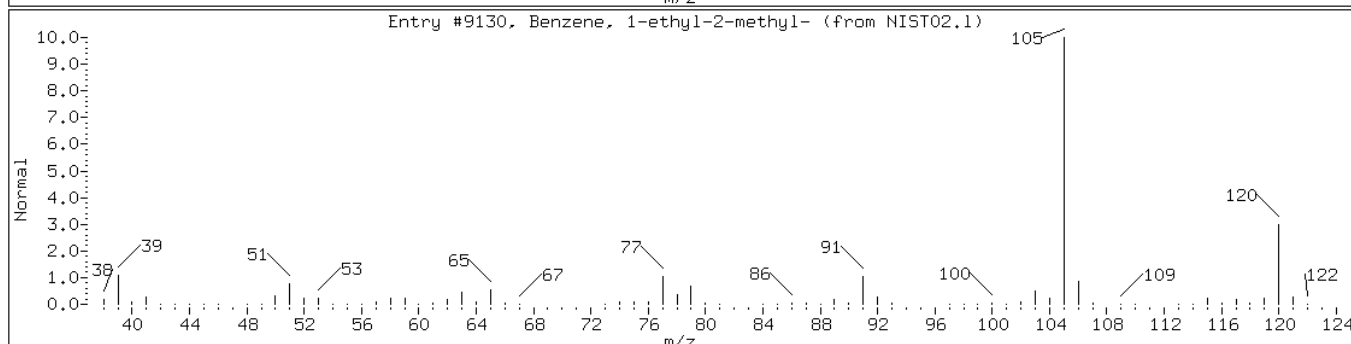
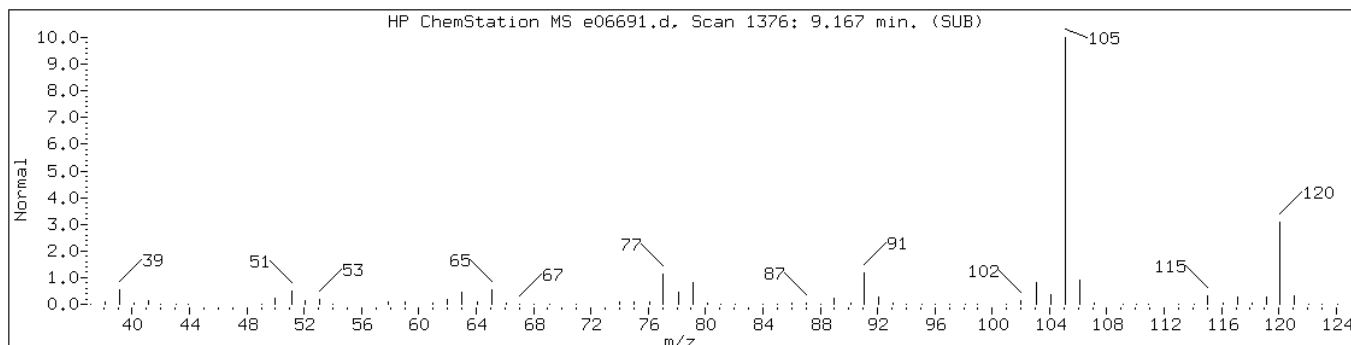
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	94	C9H12	120



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

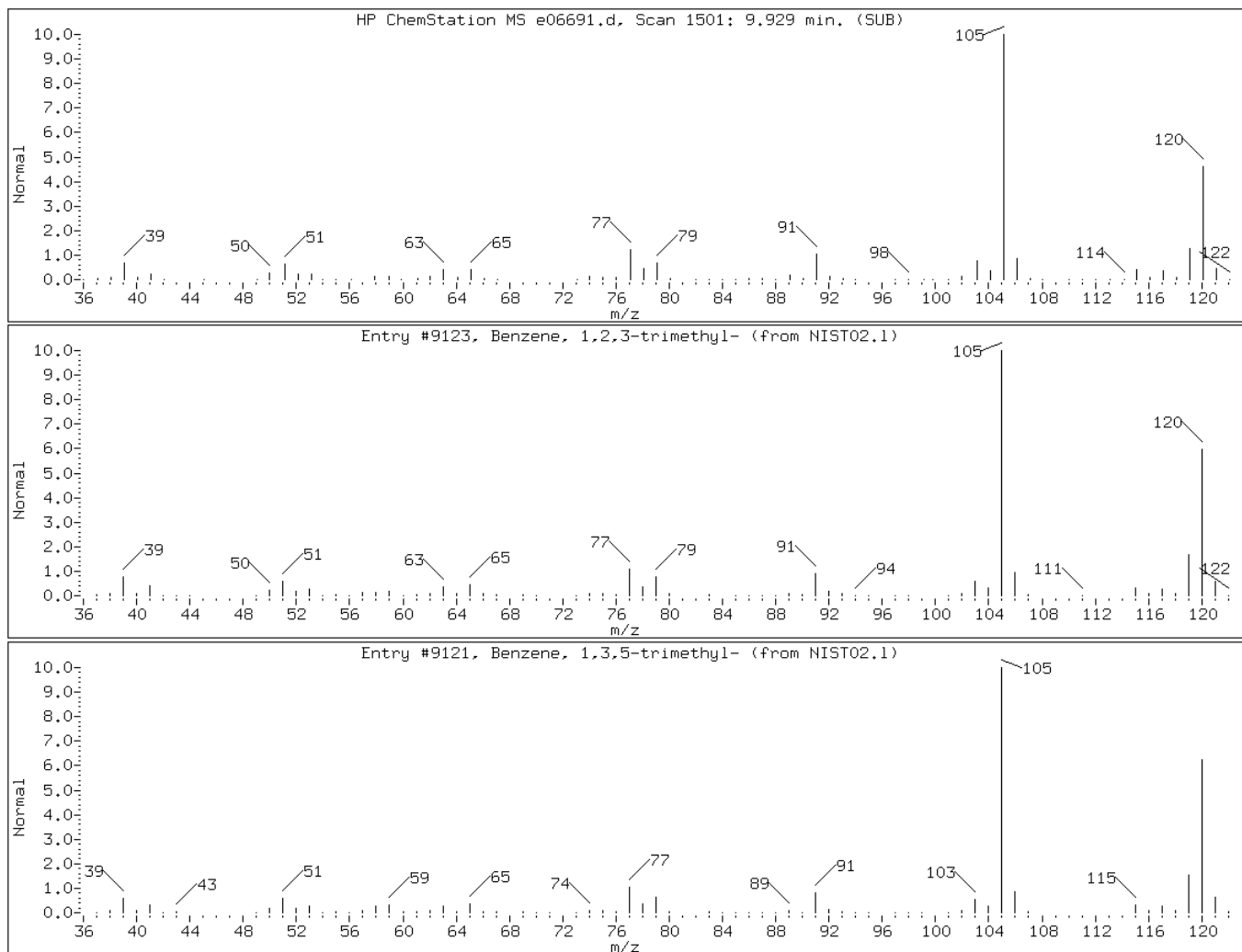
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	95	C9H12	120



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

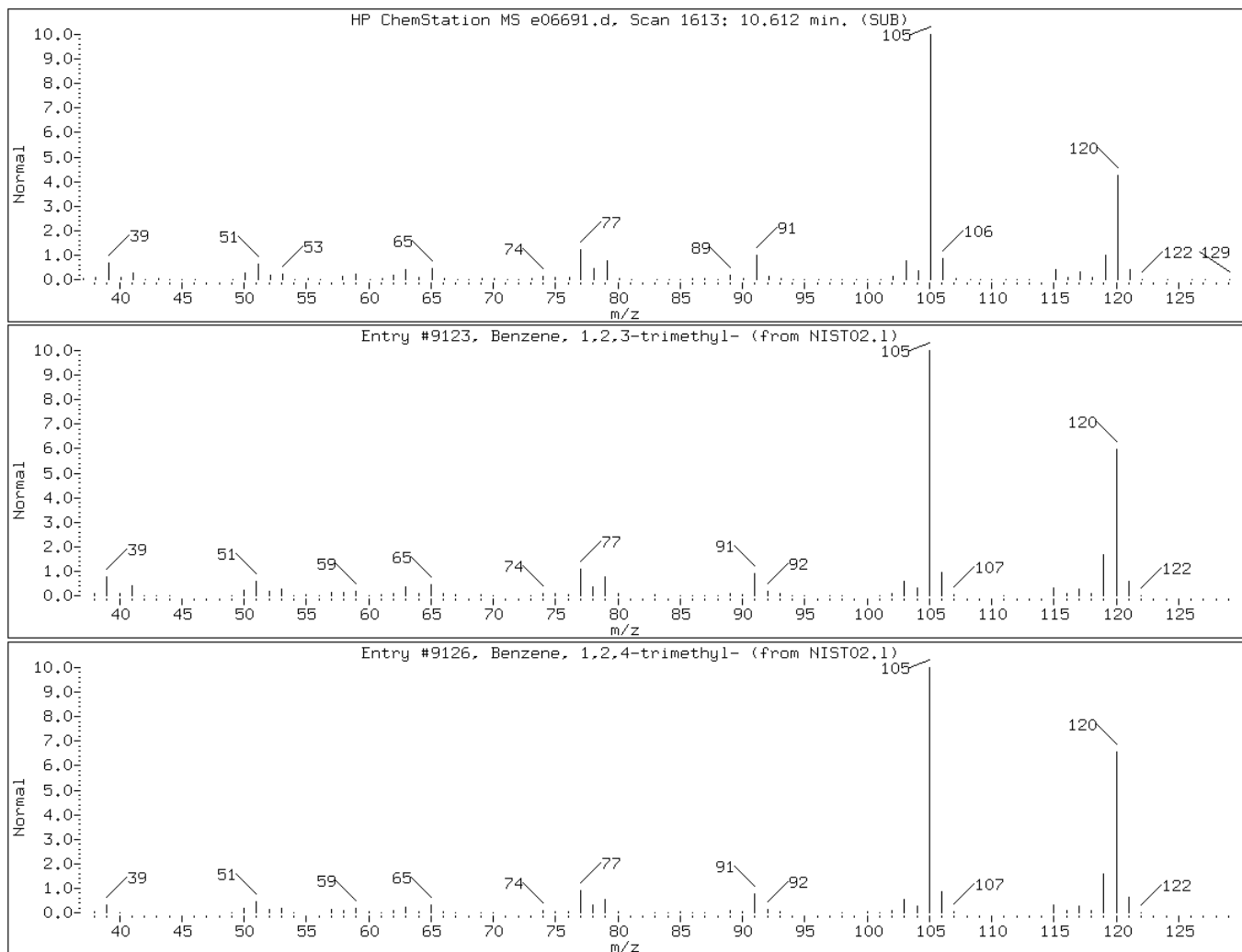
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9126	94	C9H12	120



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

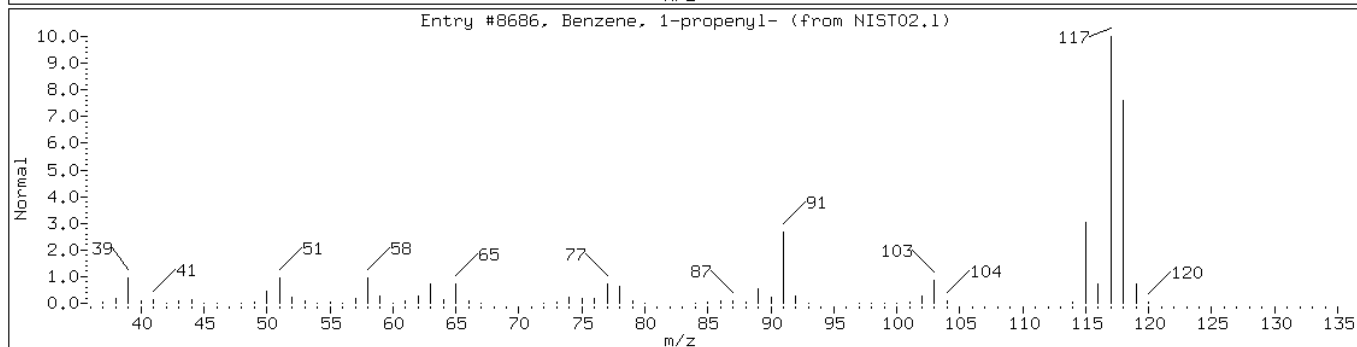
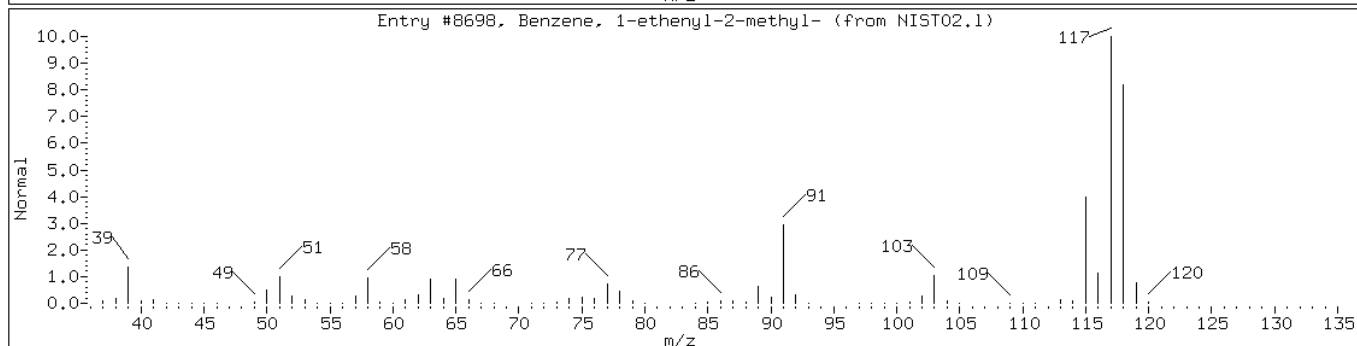
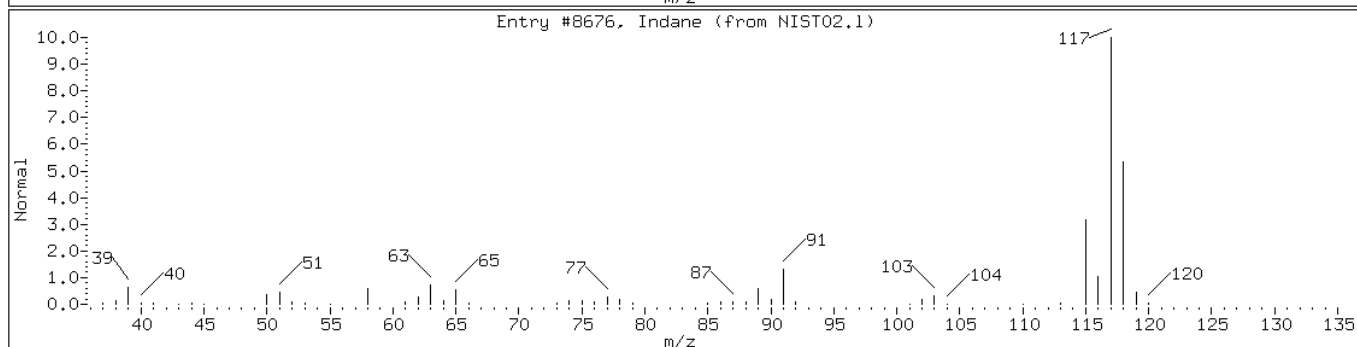
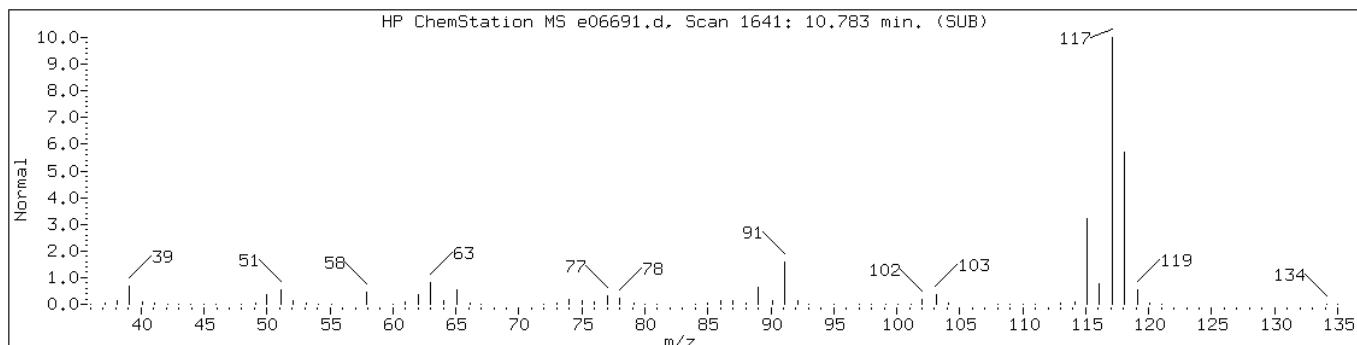
Instrument: VOAMS5.i

Sample Info: 460-43314-C-4

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	81	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.1	8686	74	C9H10	118



Data File: e06691.d

Date: 13-AUG-2012 13:18

Client ID: WG-17338-080812-VAS

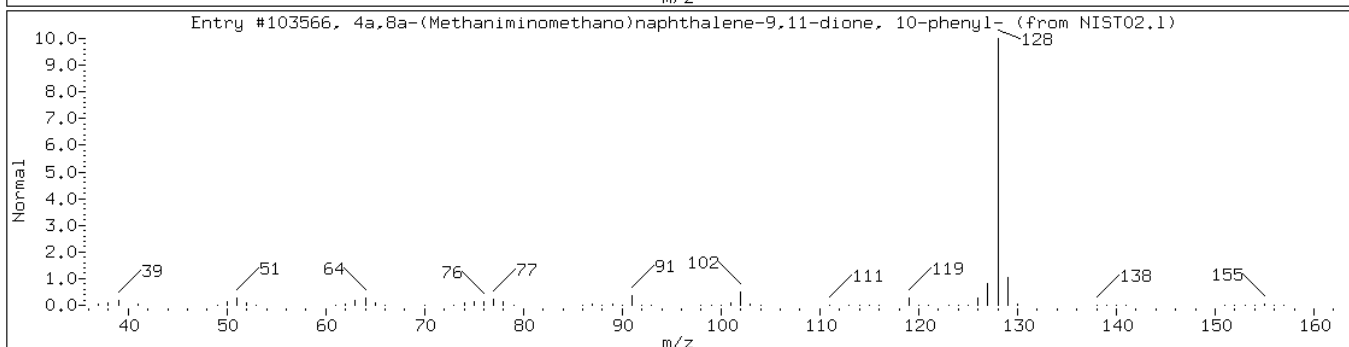
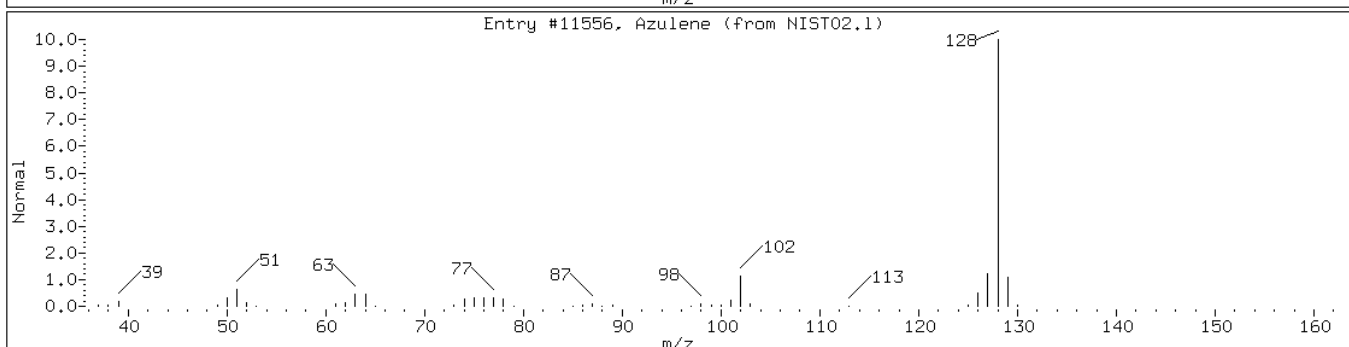
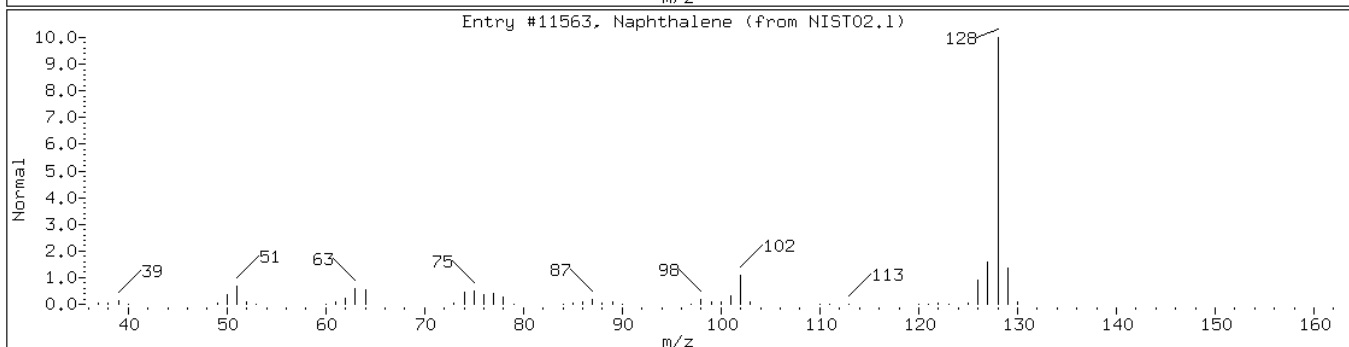
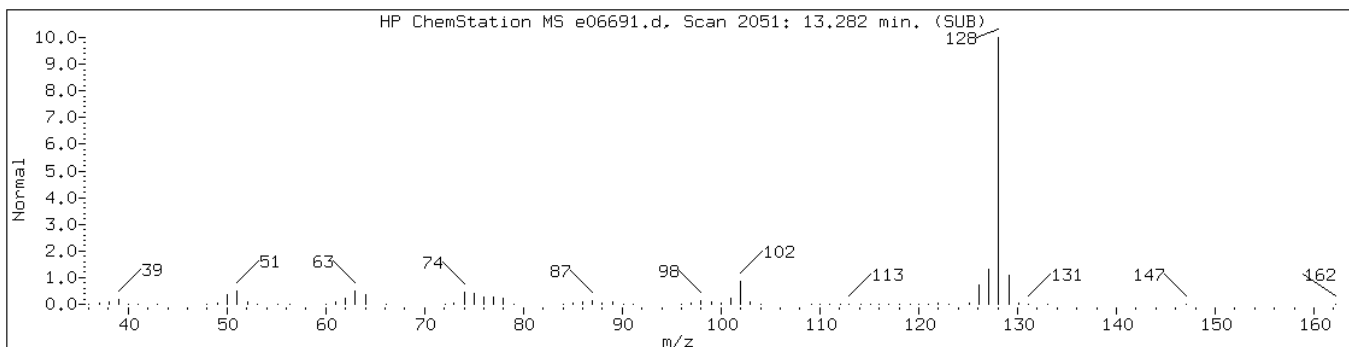
Instrument: VOAMS5.i

Sample Info: 460-43314-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	11563	97	C ₁₀ H ₈	128
Azulene	275-51-4	NIST02.1	11556	93	C ₁₀ H ₈	128
4a,8a-(Methaniminomethano)naphthal	69915-10-2	NIST02.1	103566	78	C ₁₈ H ₁₃ N ₀₂	275



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS1-MM20 Lab Sample ID: 460-43314-4 DL
Matrix: Water Lab File ID: e06719.d
Analysis Method: 8260B Date Collected: 08/08/2012 11:45
Sample wt/vol: 5(mL) Date Analyzed: 08/14/2012 02:17
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123852 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	760	D	5.0	0.50
108-88-3	Toluene	1900	D	5.0	0.75
1330-20-7	Xylenes, Total	1200	D	15	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	D	70-130
460-00-4	4-Bromofluorobenzene	99	D	70-130
2037-26-5	Toluene-d8 (Surr)	103	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06719.d
 Report Date: 14-Aug-2012 13:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06719.d
 Lab Smp Id: 460-43314-B-4
 Inj Date : 14-AUG-2012 02:17
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-4;5
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 06:09 audberto Quant Type: ISTD
 Cal Date : 14-AUG-2012 04:43 Cal File: e06725.d
 Als bottle: 19
 Dil Factor: 5.00000
 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	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
						(ug/L)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====
16 Acetone	58	1.888	1.888	(0.525)	10317	29.6270	150
38 2-Butanone	72	3.065	3.071	(0.852)	4183	7.53673	38
44 Cyclohexane	56	2.784	2.778	(0.774)	76499	14.7505	74
48 Benzene	78	3.260	3.254	(0.469)	753464	67.4637	340
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	232955	53.9506	54
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	759822	50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	22825	4.25382	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	738857	51.4468	51
66 Toluene	91	5.168	5.162	(0.743)	5487199	372.649	1900
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	658084	50.0000	
81 Ethylbenzene	106	7.070	7.064	(1.017)	858121	152.608	760
82 m+p-Xylene	106	7.283	7.277	(1.047)	1517520	214.803	1100
84 o-Xylene	106	7.862	7.863	(1.131)	129337	18.0546	90
85 Styrene	104	7.942	7.942	(1.142)	60912	4.96349	25
88 Isopropylbenzene	105	8.350	8.350	(1.201)	130791	6.76485	34
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	348280	49.6985	50

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06719.d
 Report Date: 14-Aug-2012 13:39

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)	411670	50.0000		
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	6848	0.67523	3.4(a)	
M 121 Xylene (Total)	100				1646857	232.857	1200	

QC Flag Legend

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

Data File: e06719.d

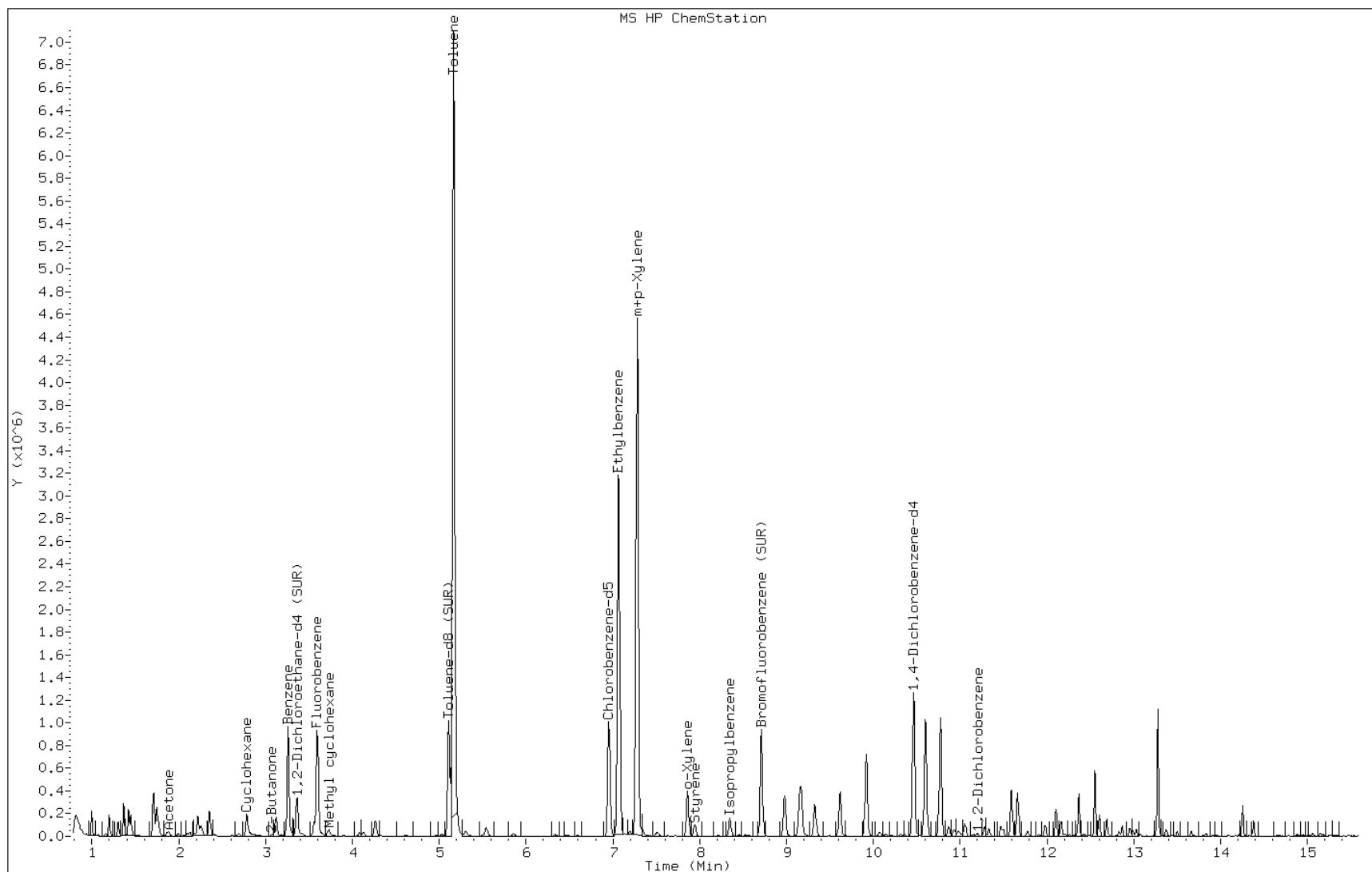
Date: 14-AUG-2012 02:17

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-B-4;5

Operator: GC/MS VOAMS5



Data File: e06719.d

Date: 14-AUG-2012 02:17

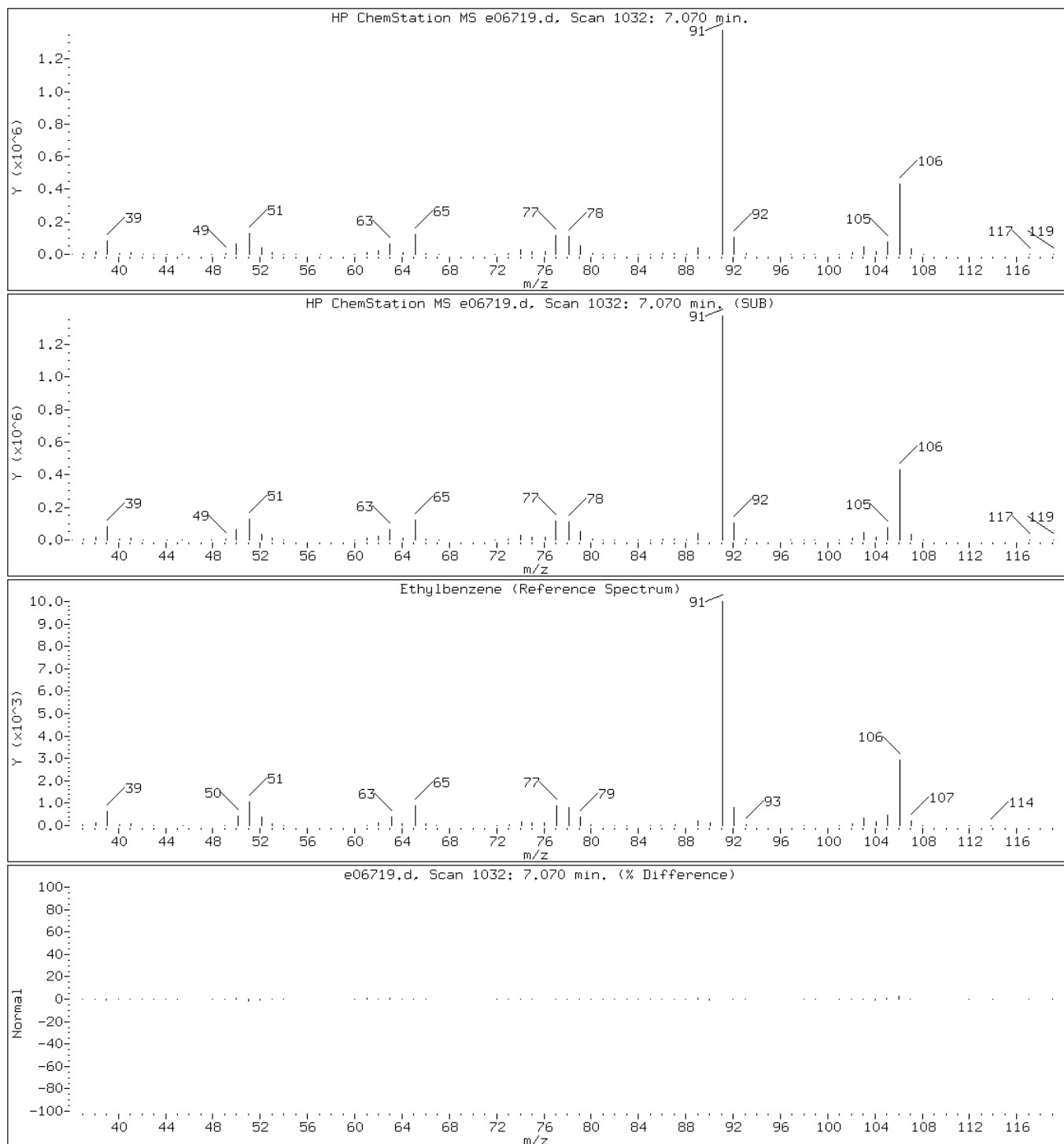
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-B-4;5

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06719.d

Date: 14-AUG-2012 02:17

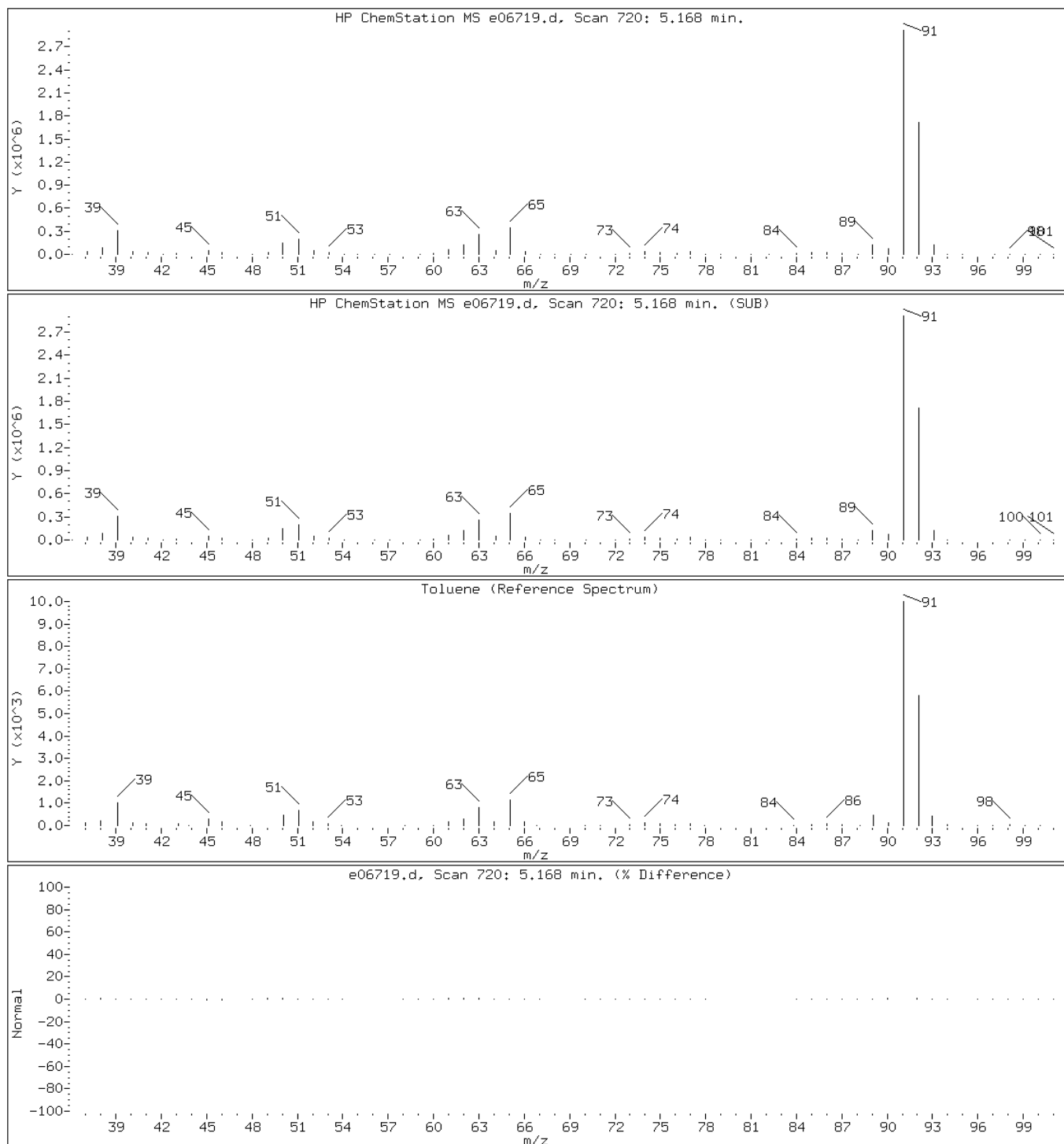
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-B-4;5

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06719.d

Date: 14-AUG-2012 02:17

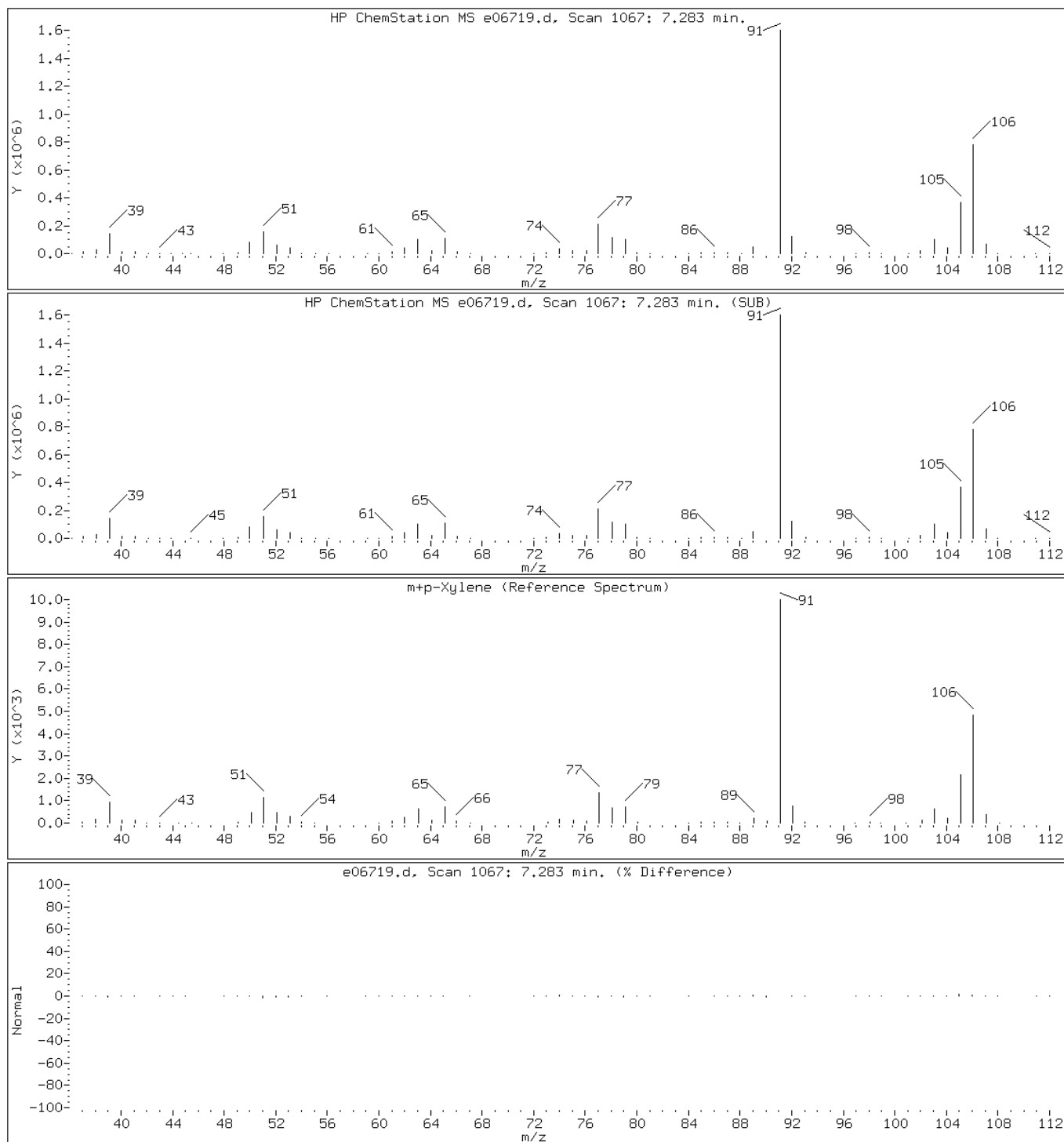
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-B-4;5

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06719.d

Date: 14-AUG-2012 02:17

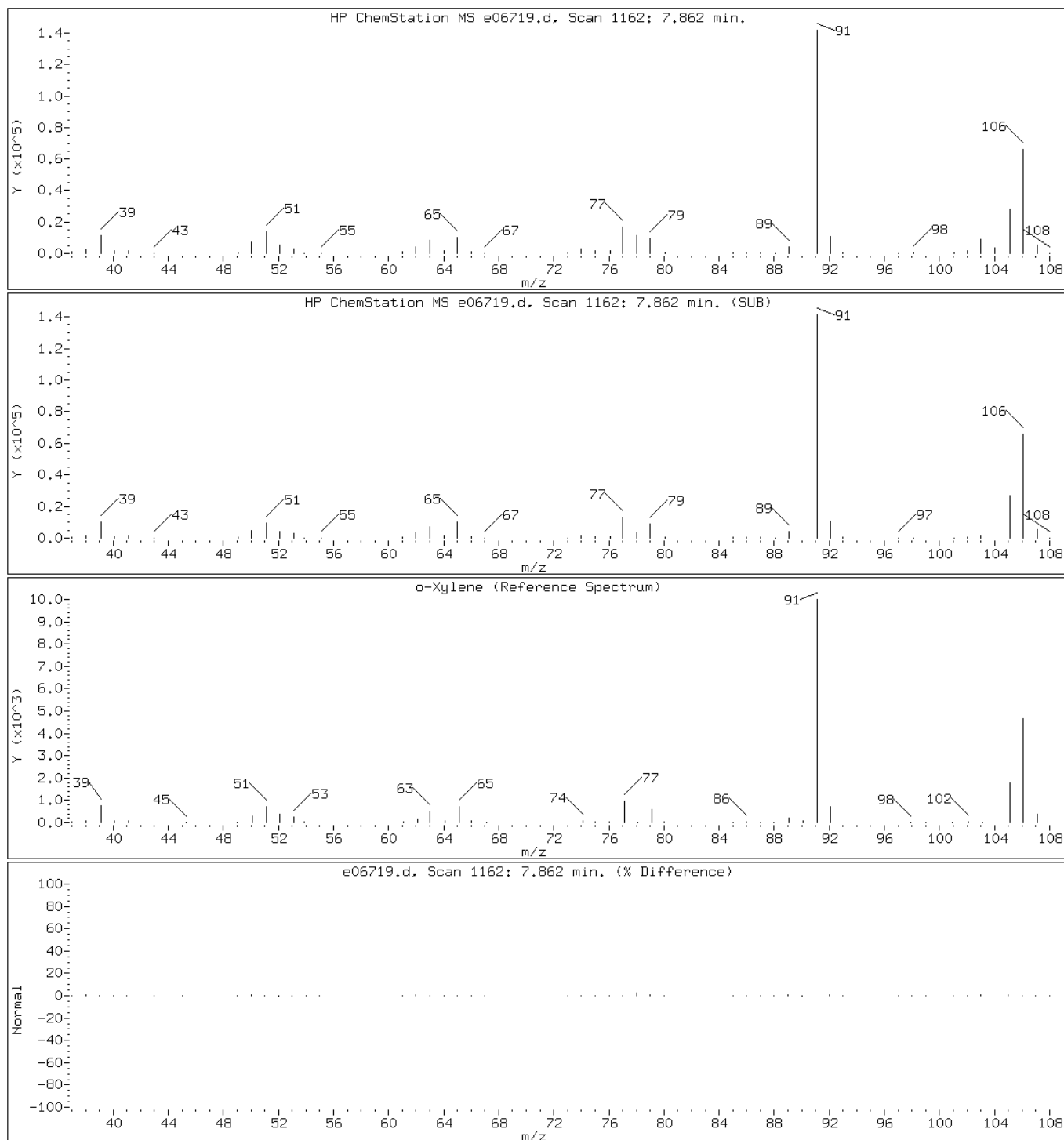
Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43314-B-4;5

Operator: GC/MS VOAMS5

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-5
 Matrix: Water Lab File ID: e06693.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:05
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.12	U	2.0	0.12
75-71-8	Dichlorodifluoromethane	0.44	U	2.0	0.44
74-87-3	Chloromethane	0.20	U	2.0	0.20
75-01-4	Vinyl chloride	0.28	U	2.0	0.28
74-83-9	Bromomethane	0.36	U	2.0	0.36
96-12-8	1,2-Dibromo-3-Chloropropane	0.80	U	2.0	0.80
95-50-1	1,2-Dichlorobenzene	0.42	U	2.0	0.42
75-69-4	Trichlorofluoromethane	0.30	U	2.0	0.30
75-35-4	1,1-Dichloroethene	0.18	U	2.0	0.18
78-87-5	1,2-Dichloropropane	0.18	U	2.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.16	U	2.0	0.16
67-64-1	Acetone	5.4	U	10	5.4
75-15-0	Carbon disulfide	0.26	U	2.0	0.26
79-20-9	Methyl acetate	0.68	U	4.0	0.68
75-09-2	Methylene Chloride	0.36	U	2.0	0.36
156-60-5	trans-1,2-Dichloroethene	0.26	U	2.0	0.26
124-48-1	Chlorodibromomethane	0.40	U	2.0	0.40
1634-04-4	Methyl tert-butyl ether	0.28	U	2.0	0.28
75-00-3	Chloroethane	0.34	U	2.0	0.34
75-34-3	1,1-Dichloroethane	0.26	U	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.36	U	2.0	0.36
78-93-3	2-Butanone (MEK)	32		10	4.6
67-66-3	Chloroform	0.16	U	2.0	0.16
100-41-4	Ethylbenzene	1100	E	2.0	0.20
110-82-7	Cyclohexane	290		2.0	0.32
56-23-5	Carbon tetrachloride	0.12	U	2.0	0.12
71-43-2	Benzene	130		2.0	0.16
107-06-2	1,2-Dichloroethane	0.38	U	2.0	0.38
79-01-6	Trichloroethene	0.18	U	2.0	0.18
108-87-2	Methylcyclohexane	140		2.0	0.28
75-27-4	Dichlorobromomethane	0.24	U	2.0	0.24
10061-01-5	cis-1,3-Dichloropropene	0.36	U	2.0	0.36
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	10	2.0
108-88-3	Toluene	1800	E	2.0	0.30
10061-02-6	trans-1,3-Dichloropropene	0.48	U	2.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-5
 Matrix: Water Lab File ID: e06693.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:30
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:05
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.38	U	2.0	0.38
127-18-4	Tetrachloroethene	0.20	U	2.0	0.20
591-78-6	2-Hexanone	1.0	U	10	1.0
106-93-4	1,2-Dibromoethane	0.56	U	2.0	0.56
108-90-7	Chlorobenzene	0.22	U	2.0	0.22
1330-20-7	Xylenes, Total	5300	E	6.0	0.72
100-42-5	Styrene	17		2.0	0.24
75-25-2	Bromoform	0.38	U	2.0	0.38
98-82-8	Isopropylbenzene	46		2.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.32	U	2.0	0.32
541-73-1	1,3-Dichlorobenzene	0.28	U	2.0	0.28
106-46-7	1,4-Dichlorobenzene	0.46	U	2.0	0.46
120-82-1	1,2,4-Trichlorobenzene	0.68	U	2.0	0.68

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
460-00-4	4-Bromofluorobenzene	96		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-5
Matrix: Water Lab File ID: e06693.d
Analysis Method: 8260B Date Collected: 08/08/2012 13:30
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:05
Soil Aliquot Vol: _____ Dilution Factor: 2
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 4160

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C5H12 Alkane	1.21	490	J
109-66-0	Pentane	1.31	380	J N
	C5H10 Alkene	1.45	240	J
	C6H14 Alkane	1.74	450	J
	C6H12 Cycloalkane	2.36	240	J
	Ethylmethylbenzene isomer	9.17	660	J
	Trimethylbenzene isomer	9.33	250	J
	Trimethylbenzene isomer-1	9.94	920	J
	Trimethylbenzene isomer-2	10.61	270	J
496-11-7	Indane	10.78	260	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06693.d
 Report Date: 13-Aug-2012 14:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06693.d
 Lab Smp Id: 460-43314-C-5 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 14:05
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-5;2
 Misc Info : 460-43314-C-5
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 25
 Dil Factor: 2.00000
 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	2.00000	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	3.071	3.071	(0.854)	8636		16.0406	32
44 Cyclohexane	56	2.790	2.778	(0.776)	788753		143.114	290
48 Benzene	78	3.260	3.254	(0.469)	774472		66.4517	130
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	241128		49.9514	50
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	806081		50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	404436		70.3359	140
\$ 65 Toluene-d8 (SUR)	98	5.113	5.107	(0.735)	727092		47.4254	47
66 Toluene	91	5.174	5.162	(0.744)	12941719		888.753	1800(A)
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	675818		50.0000	
81 Ethylbenzene	106	7.082	7.064	(1.018)	3097814		550.196	1100(A)
82 m+p-Xylene	106	7.320	7.277	(1.053)	13175471		1860.37	3700(A)
84 o-Xylene	106	7.887	7.862	(1.134)	5579802		786.363	1600(A)
85 Styrene	104	7.948	7.942	(1.143)	106334		8.69986	17
88 Isopropylbenzene	105	8.350	8.350	(1.201)	445154		23.0038	46
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	347979		48.1726	48
* 108 1,4-Dichlorobenzene-d4	152	10.472	10.466	(1.000)	419721		50.0000	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06693.d
 Report Date: 13-Aug-2012 14:57

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
M 121 Xylene (Total)	100				18755273	2646.74	5300

QC Flag Legend

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

Data File: e06693.d

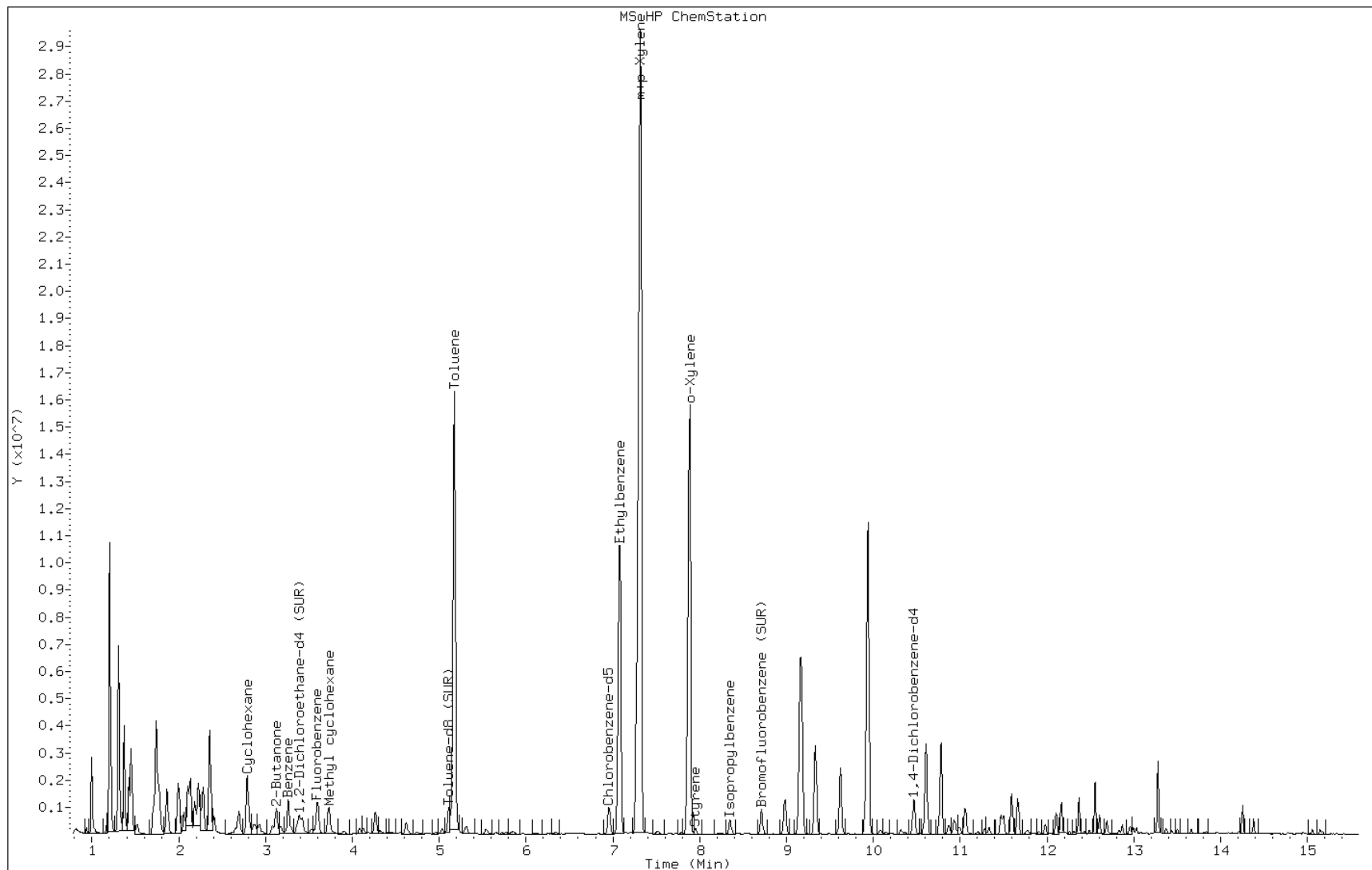
Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5



Data File: e06693.d

Date: 13-AUG-2012 14:05

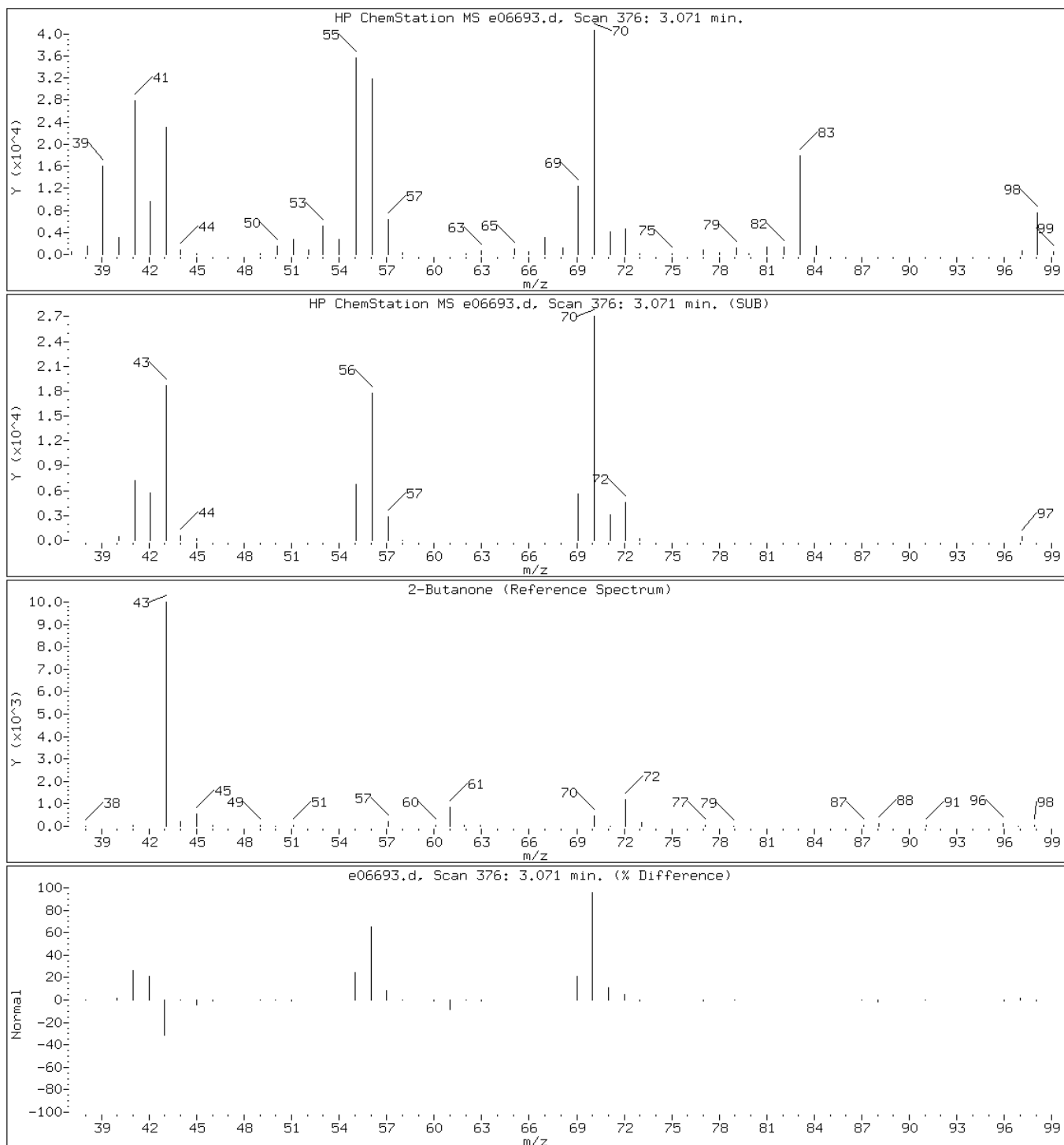
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06693.d

Date: 13-AUG-2012 14:05

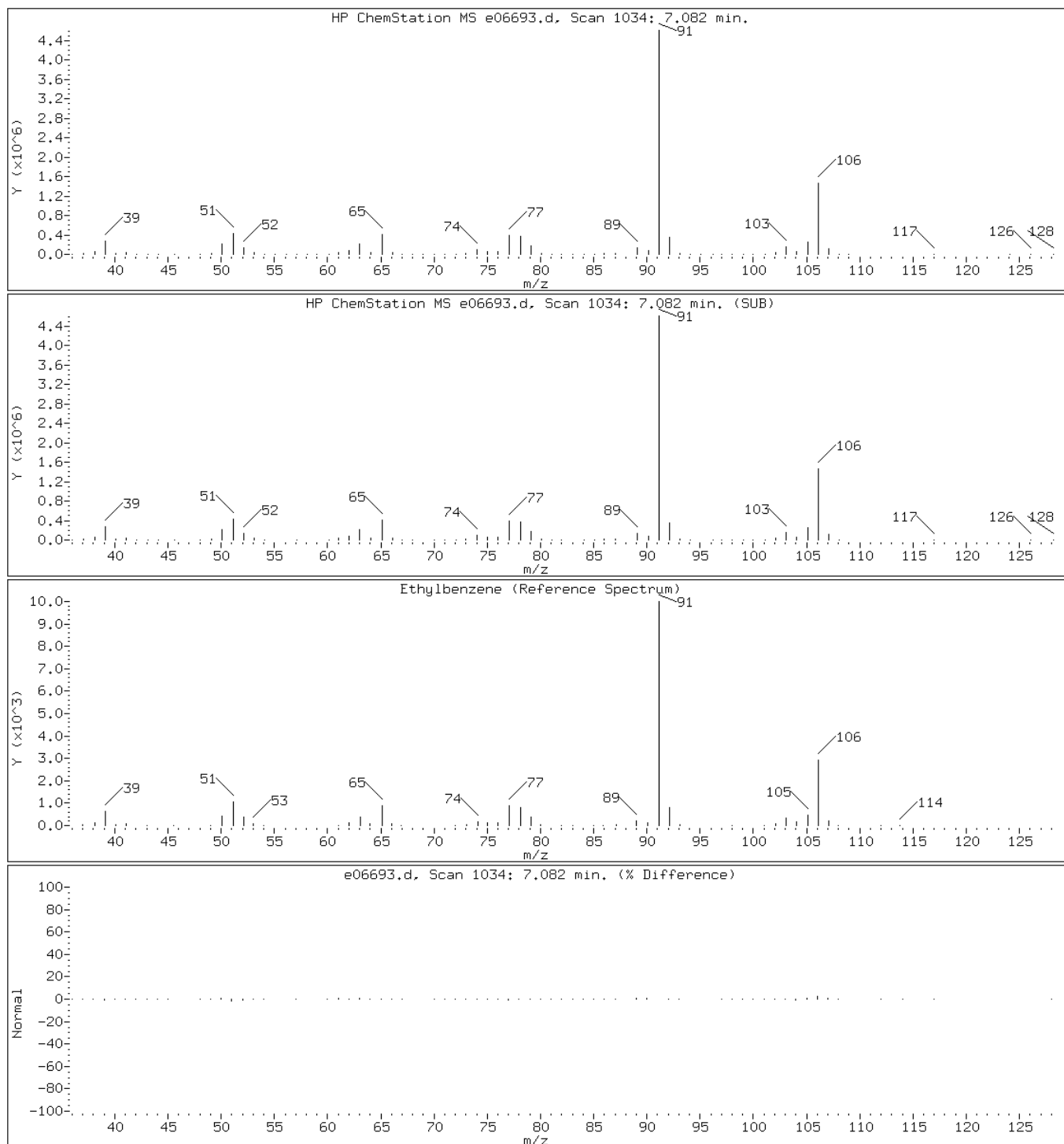
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06693.d

Date: 13-AUG-2012 14:05

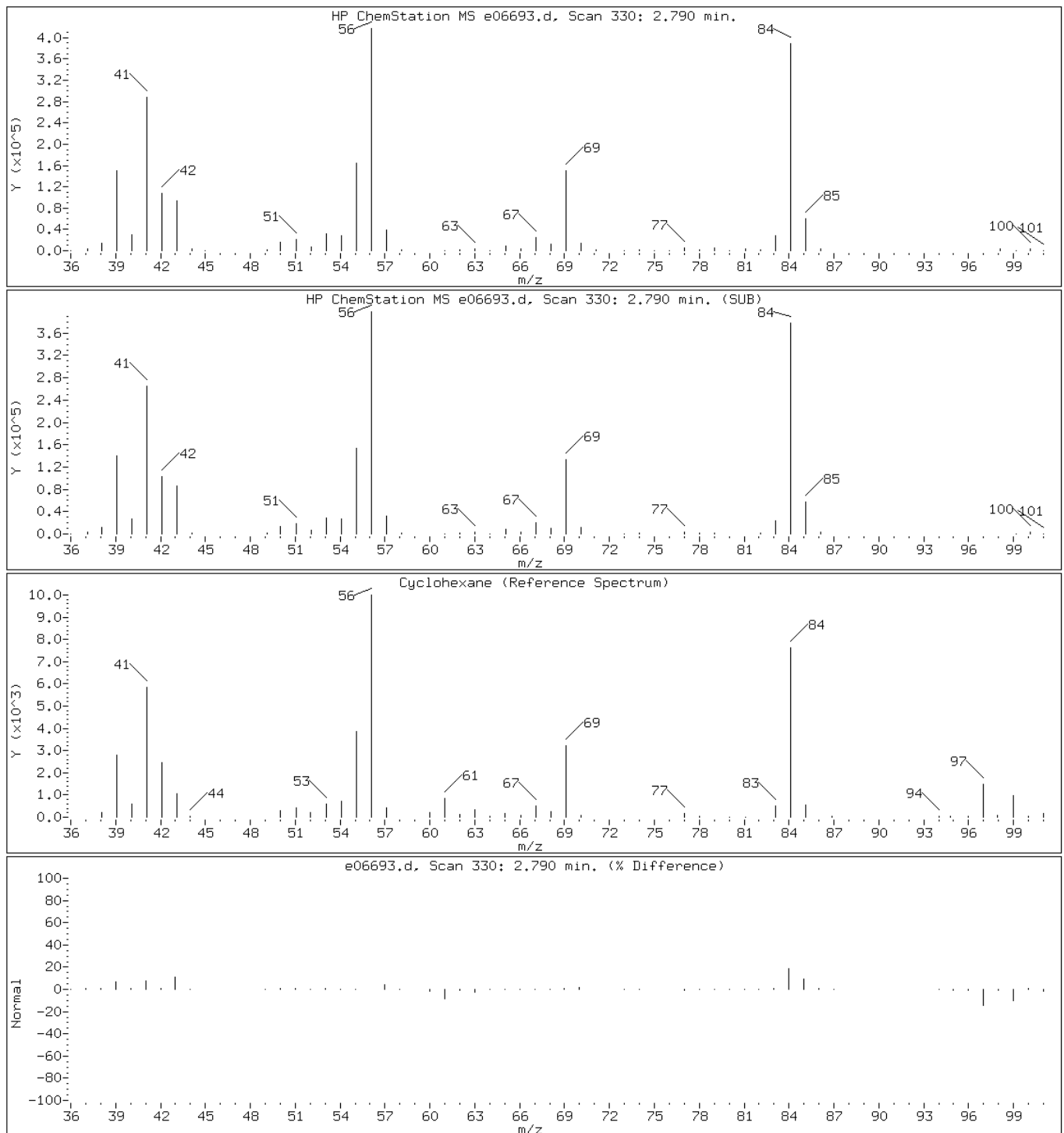
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06693.d

Date: 13-AUG-2012 14:05

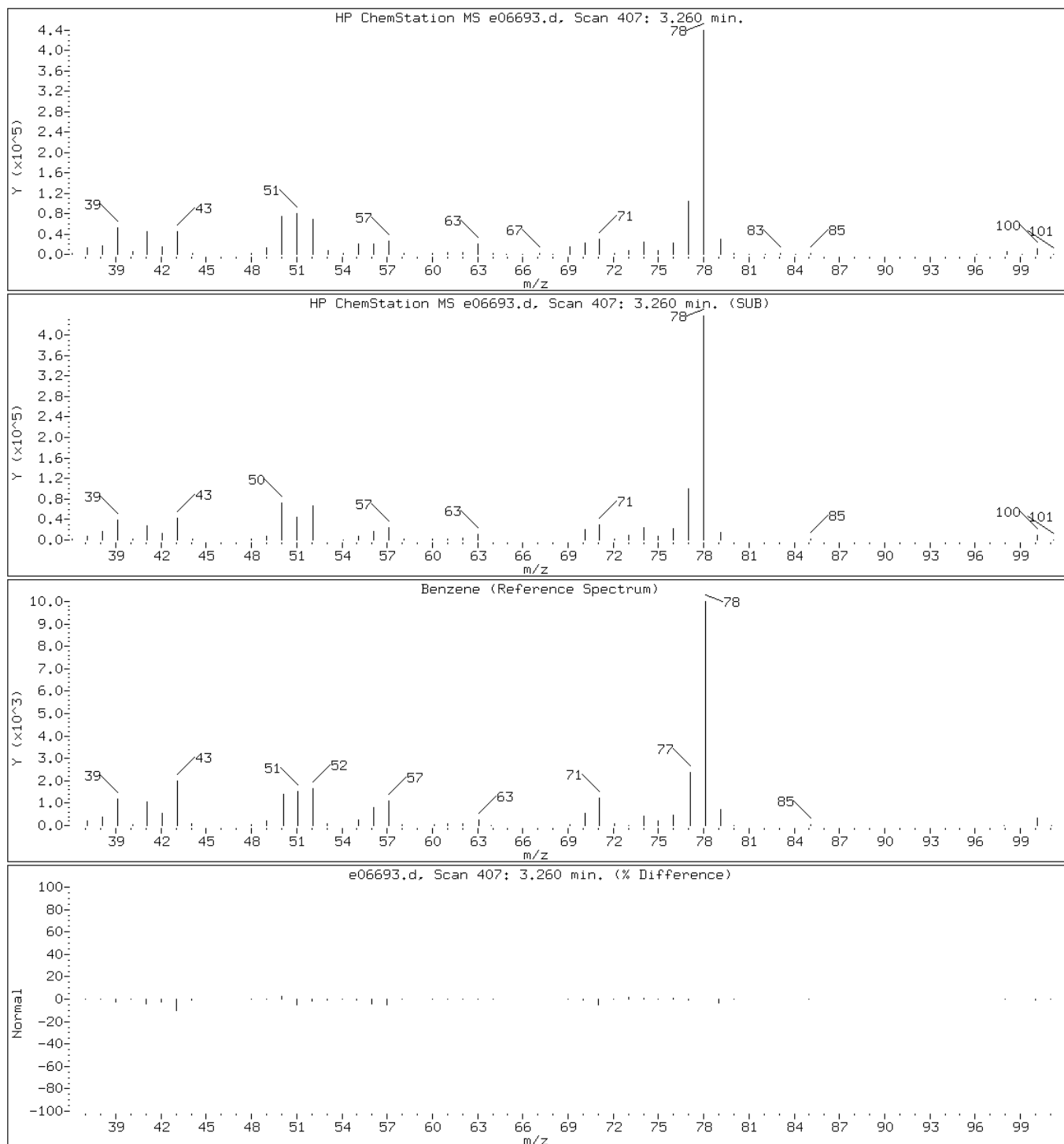
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06693.d

Date: 13-AUG-2012 14:05

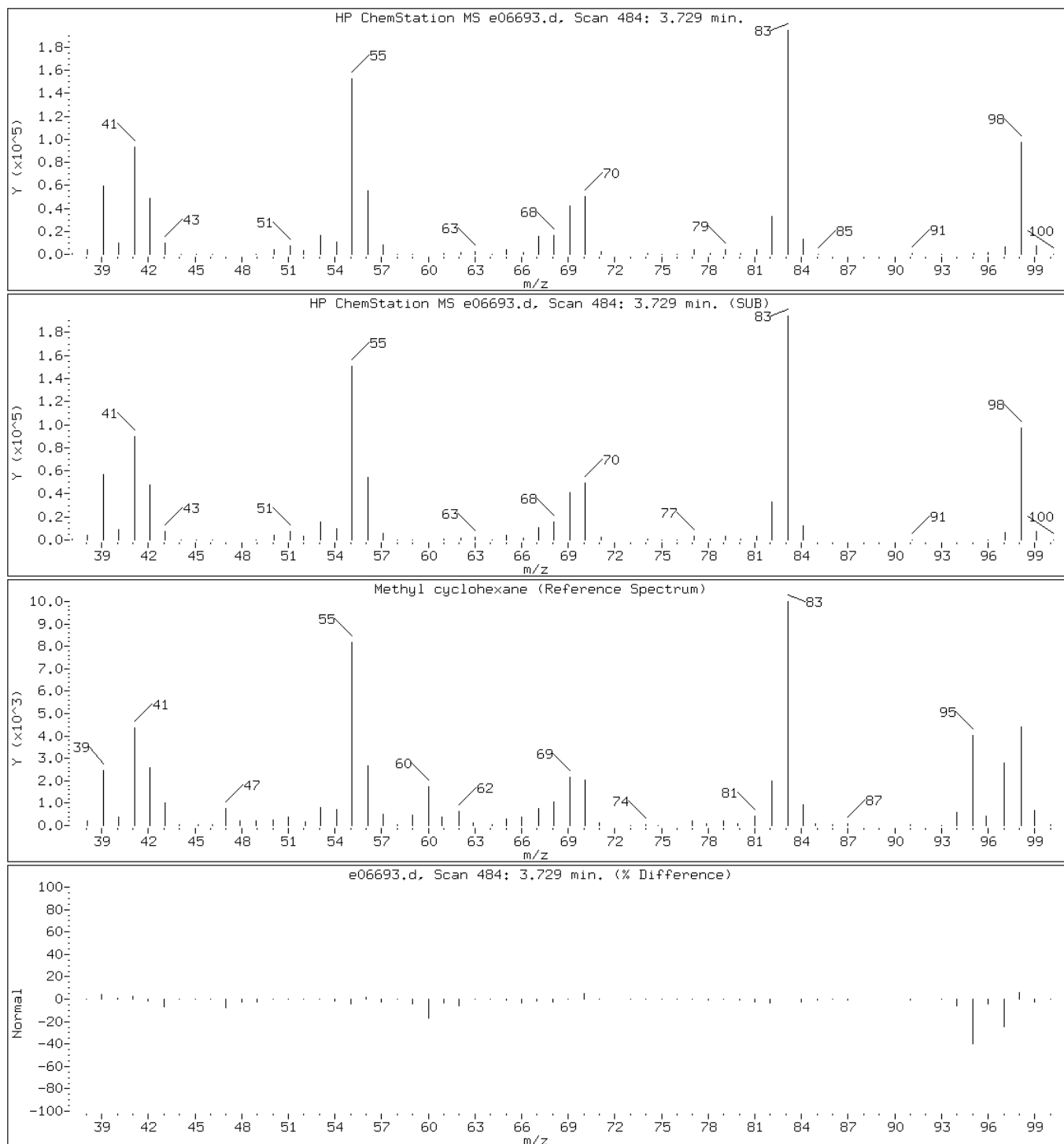
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06693.d

Date: 13-AUG-2012 14:05

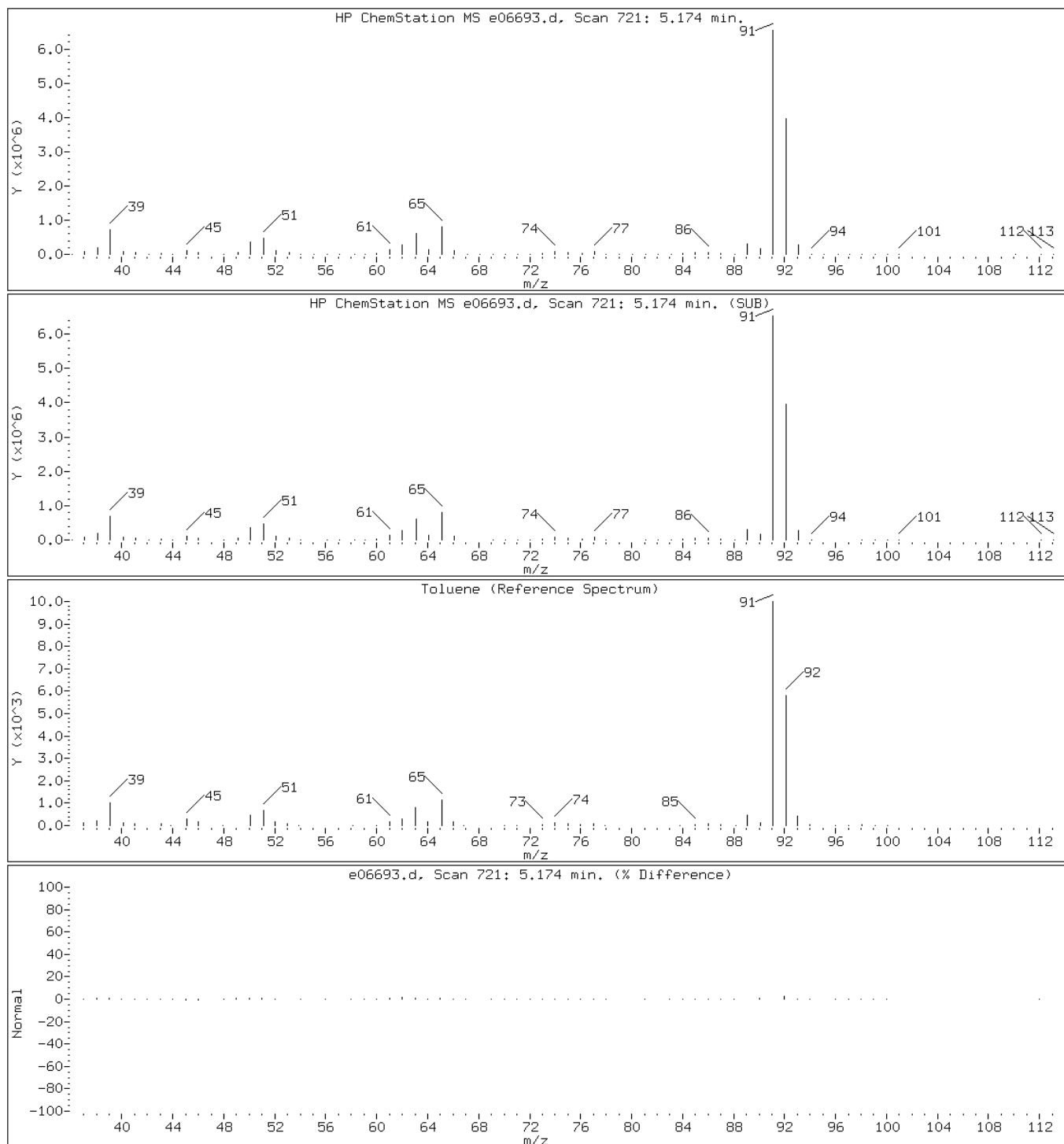
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06693.d

Date: 13-AUG-2012 14:05

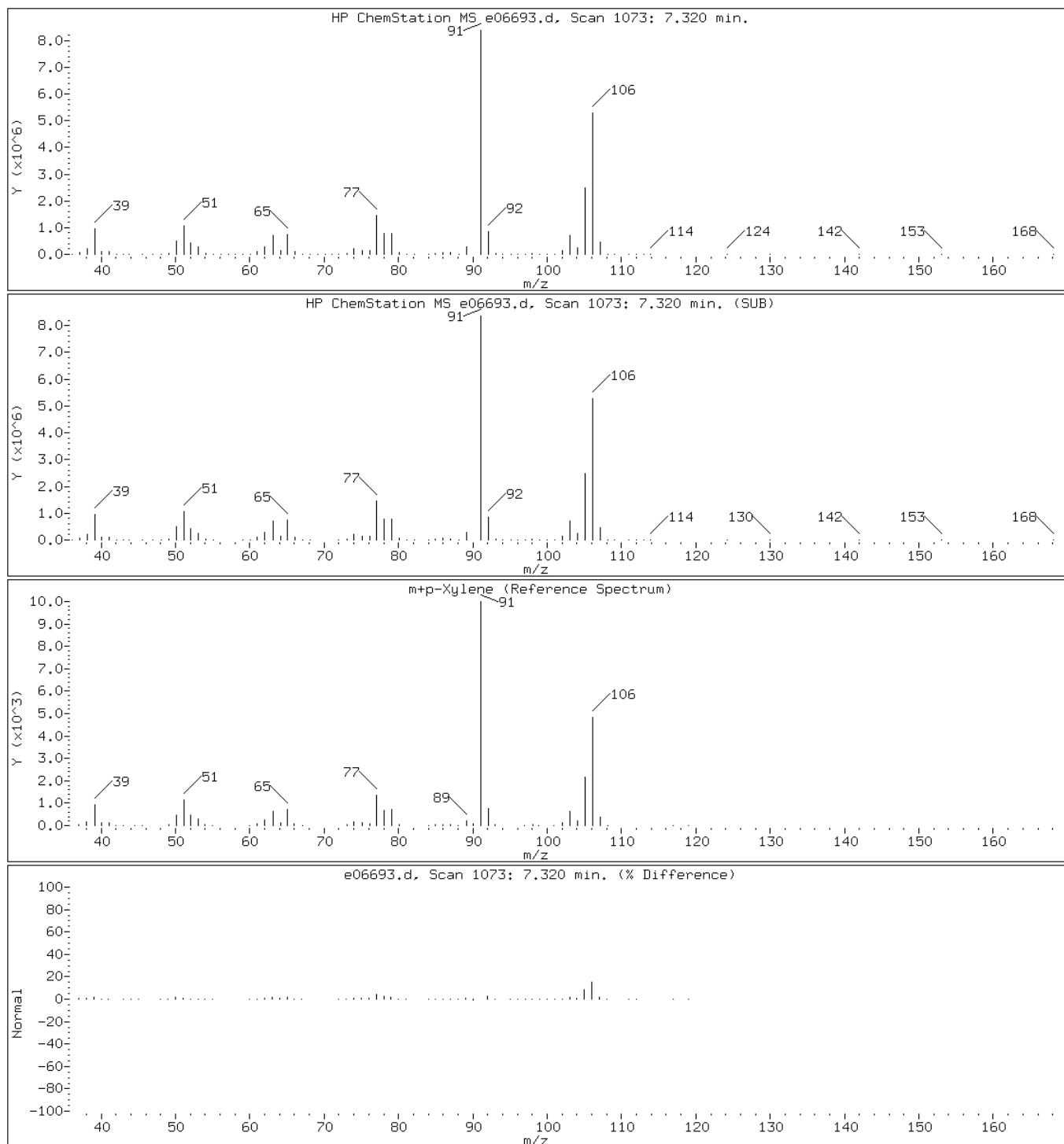
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06693.d

Date: 13-AUG-2012 14:05

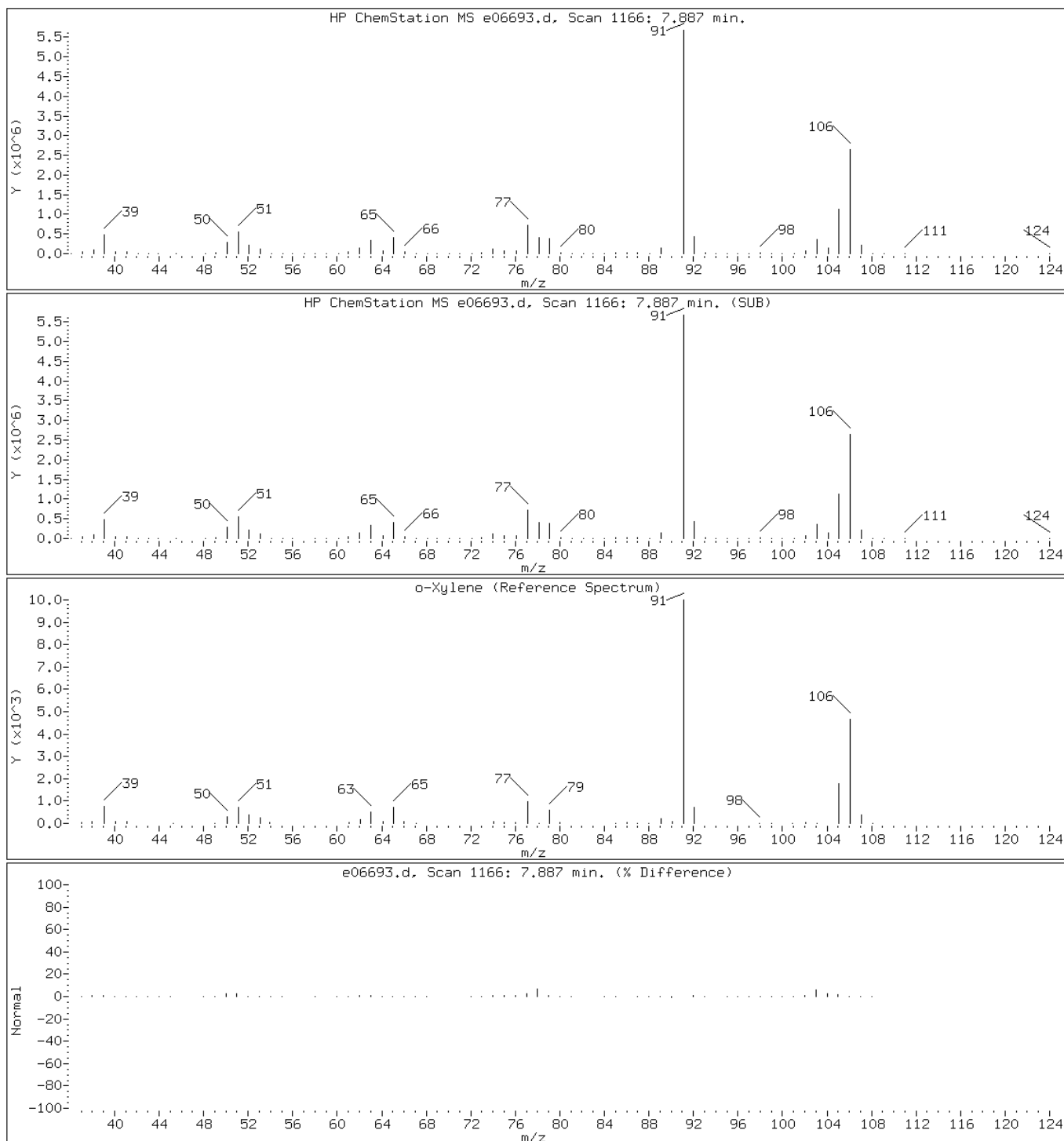
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06693.d

Date: 13-AUG-2012 14:05

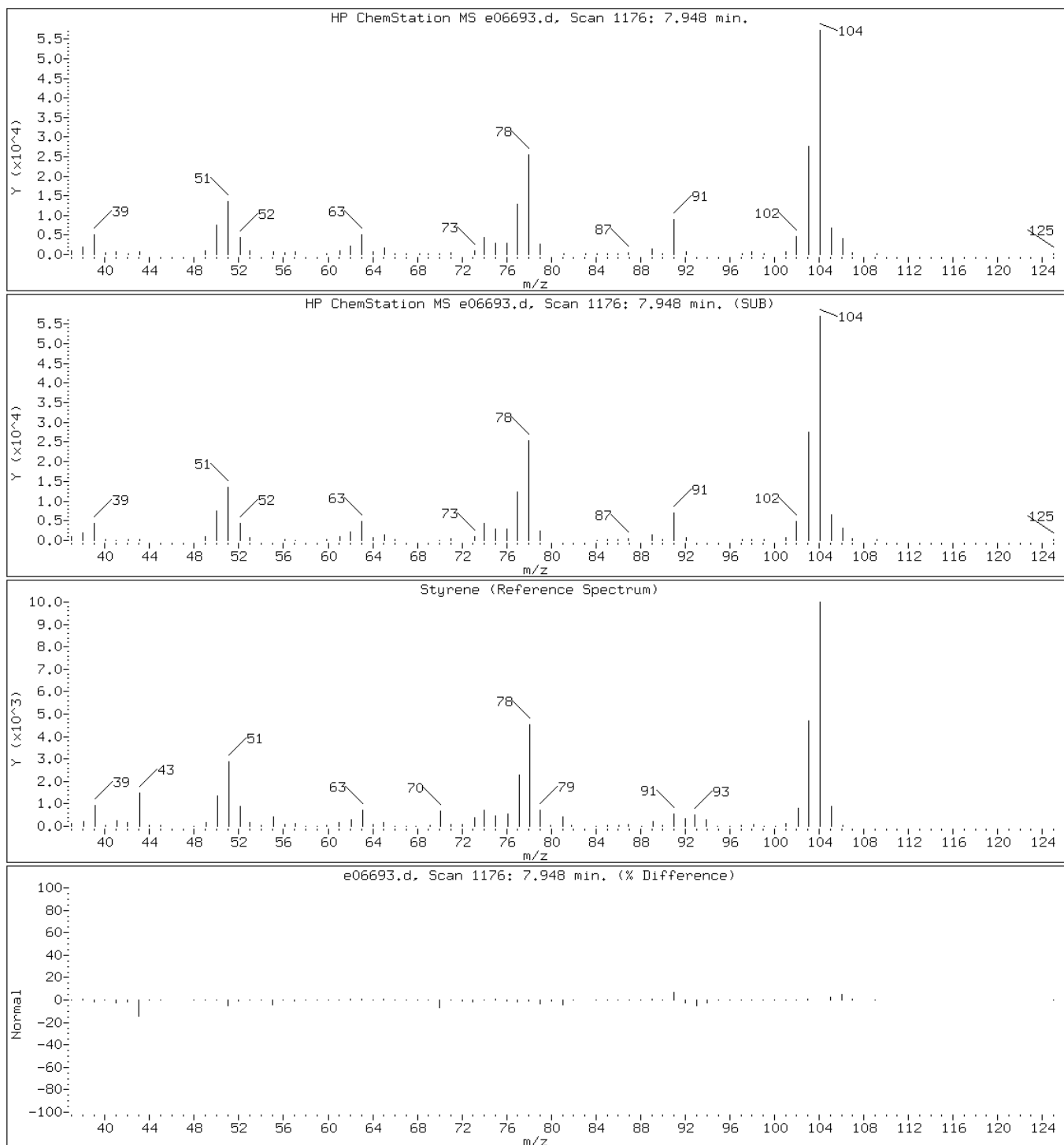
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06693.d

Date: 13-AUG-2012 14:05

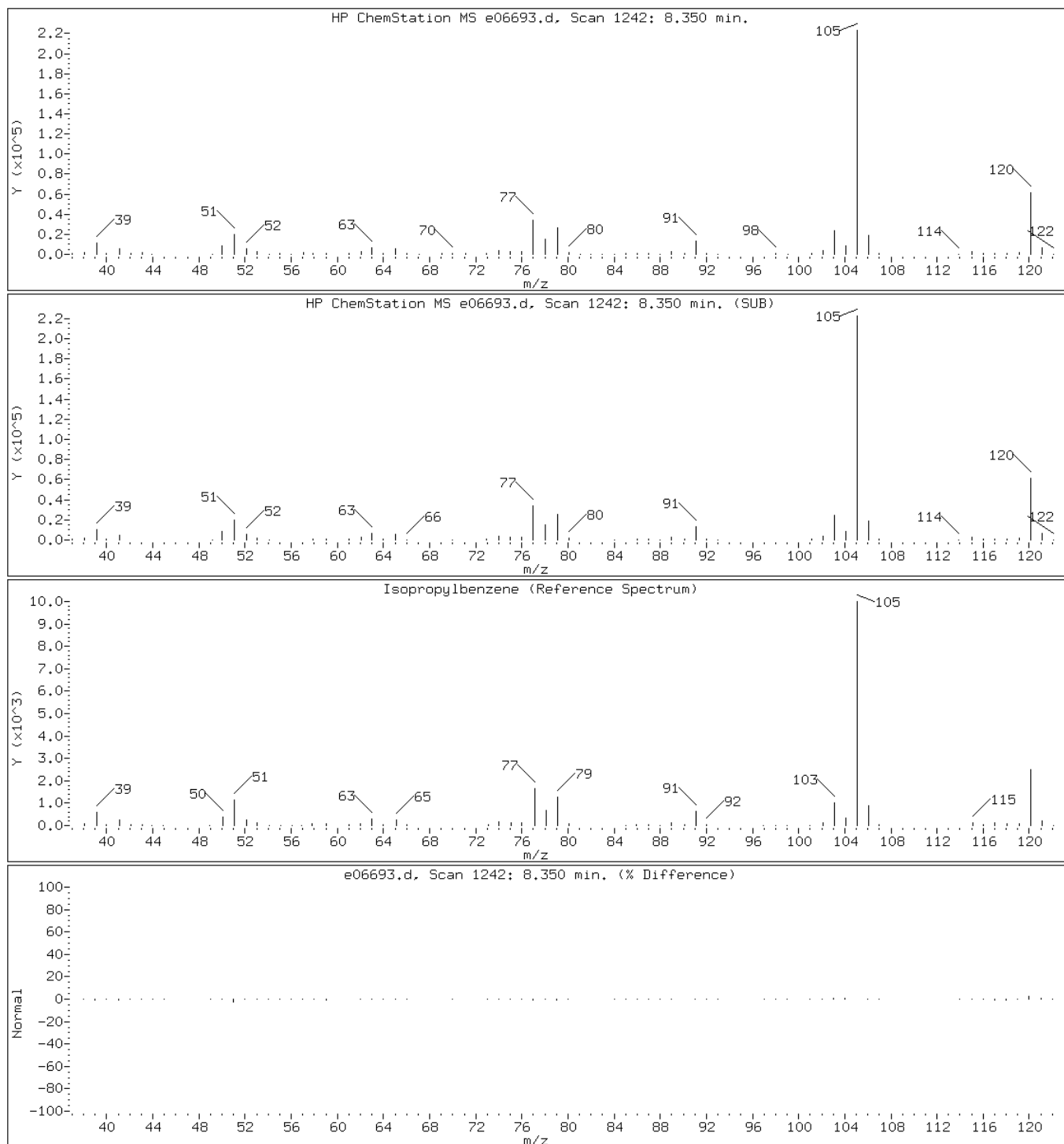
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

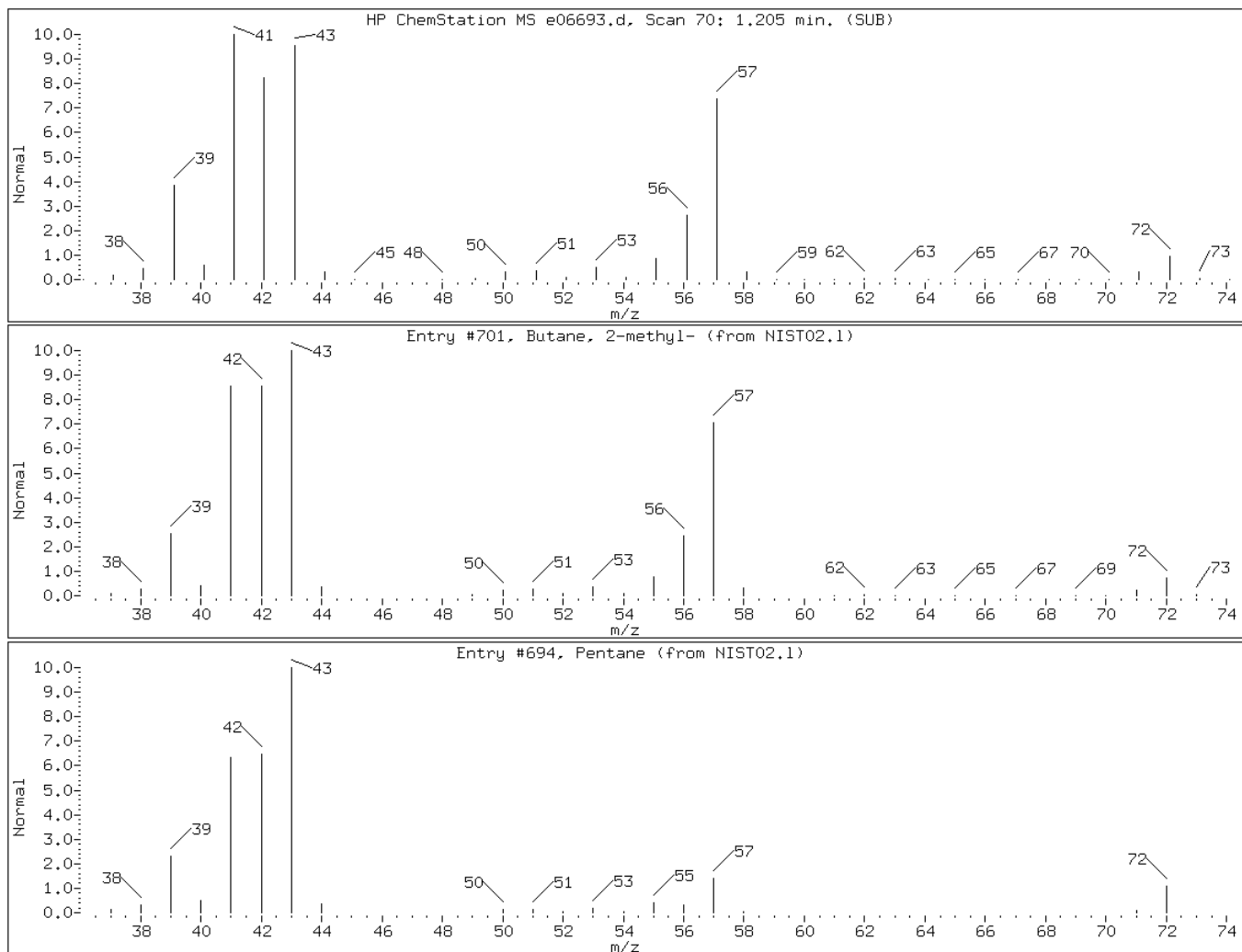
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;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: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

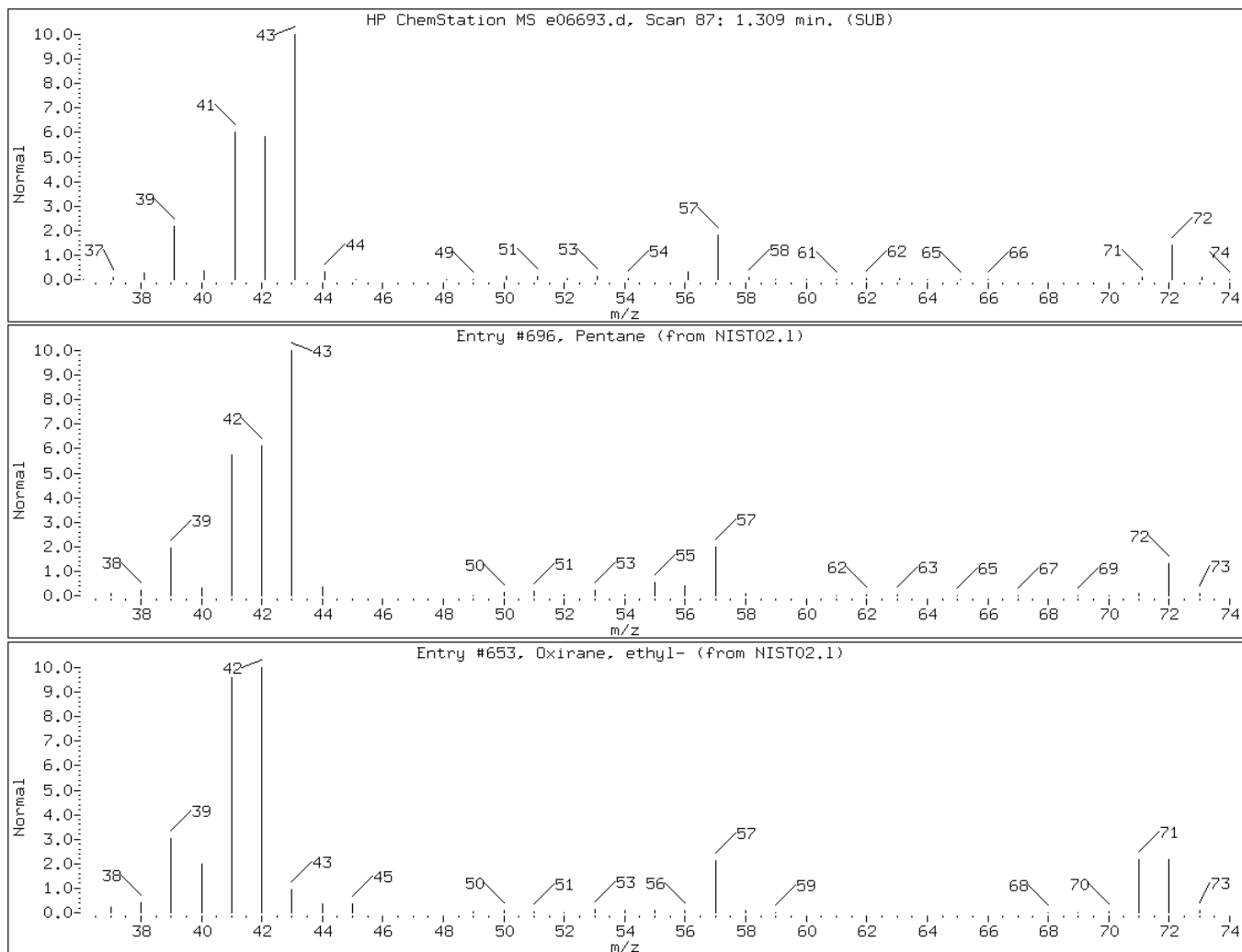
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 1.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentane	109-66-0	NIST02.1	696	86	C5H12	72
Oxirane, ethyl-	106-88-7	NIST02.1	653	50	C4H8O	72



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

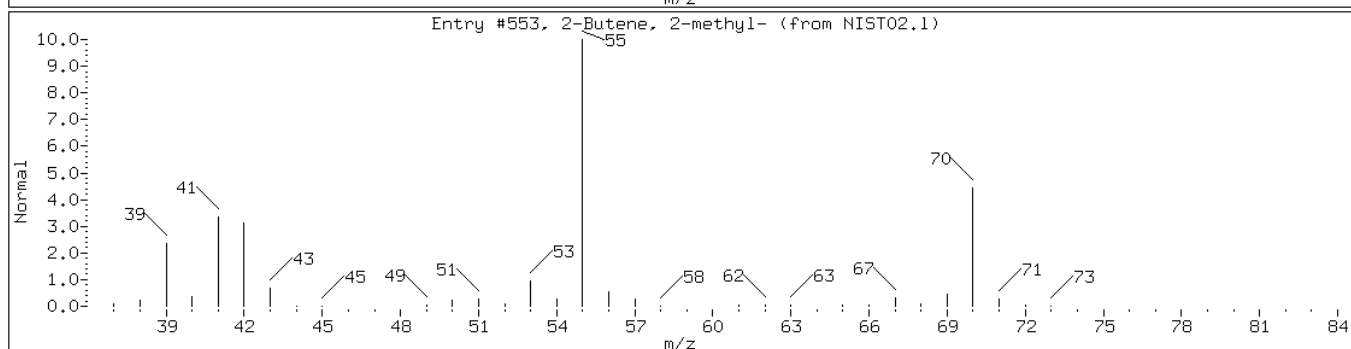
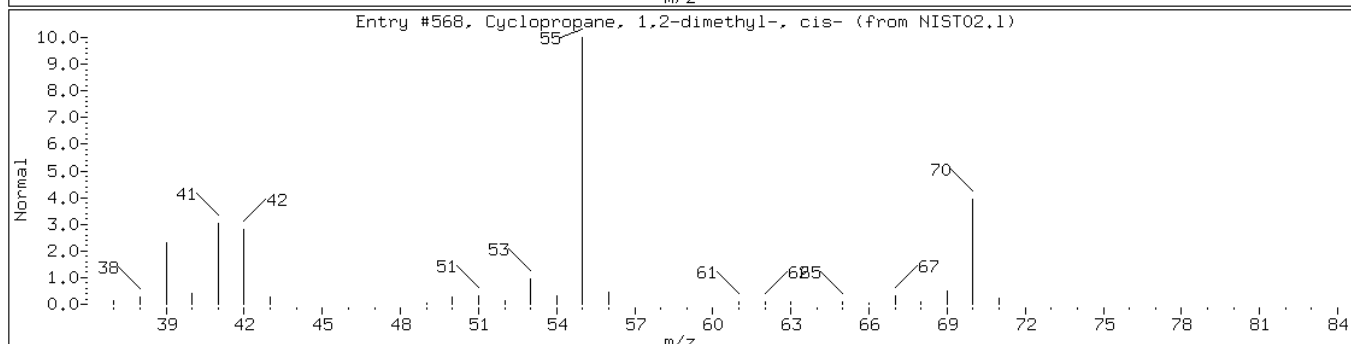
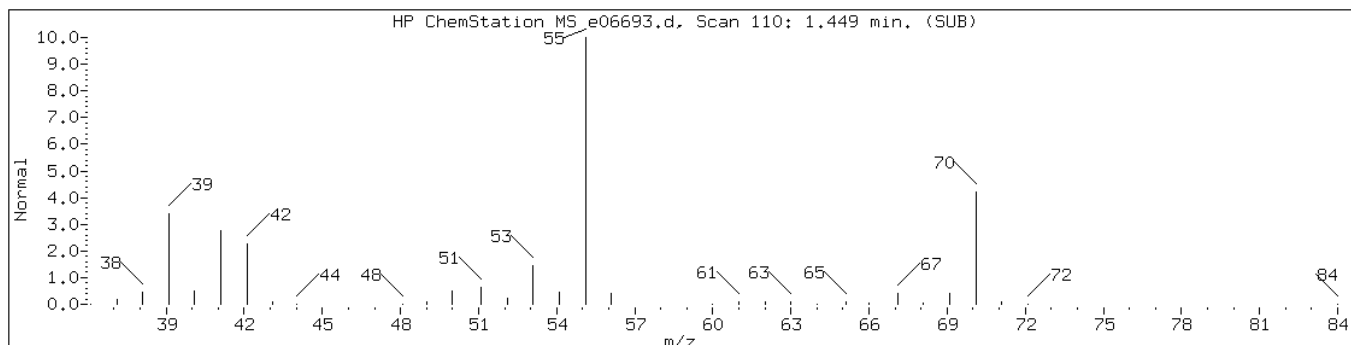
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 1.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	91	C5H10	70
2-Butene, 2-methyl-	513-35-9	NIST02.1	553	86	C5H10	70



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

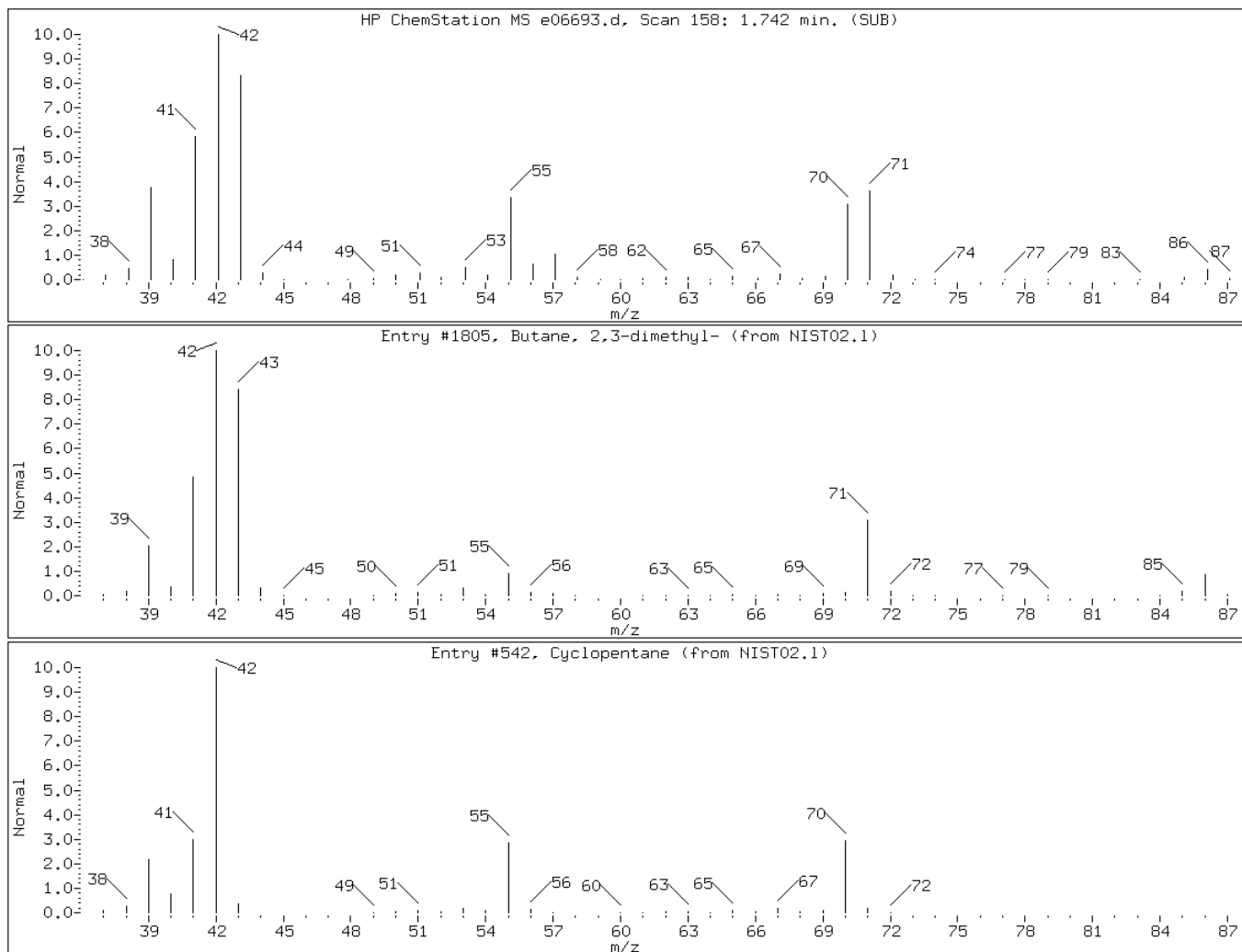
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;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	74	C6H14	86
Cyclopentane	287-92-3	NIST02.1	542	50	C5H10	70



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

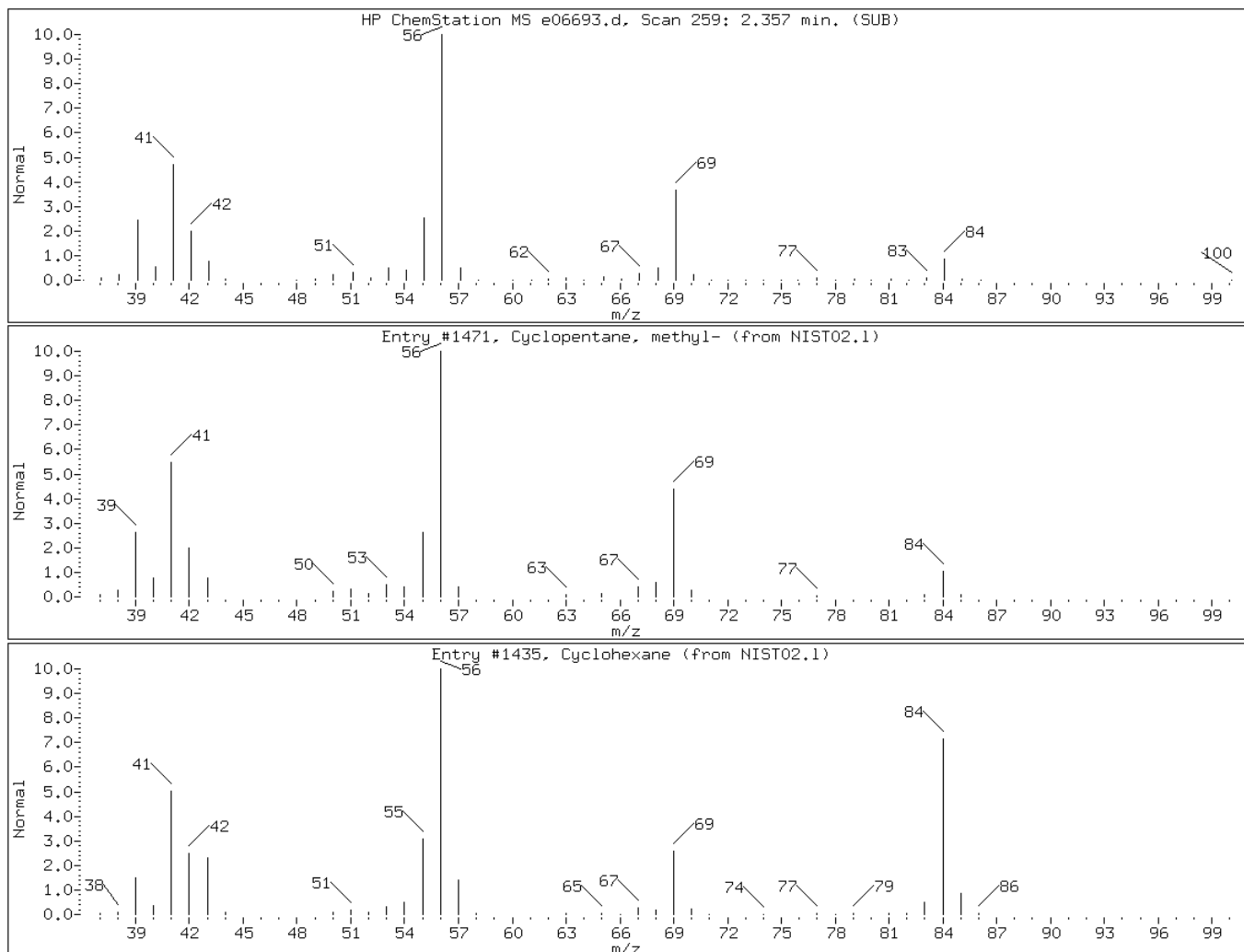
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 2.36

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



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

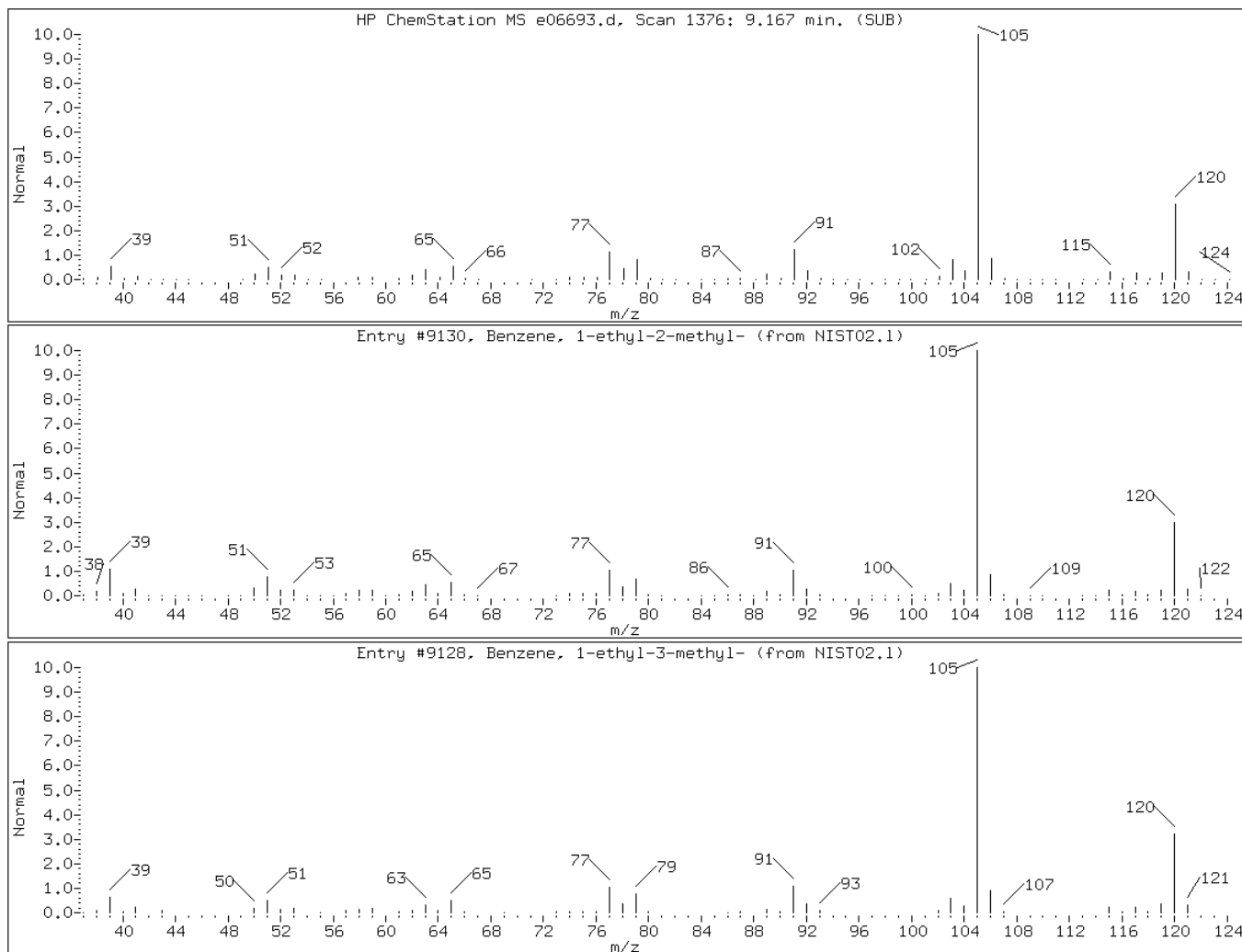
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	95	C9H12	120



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

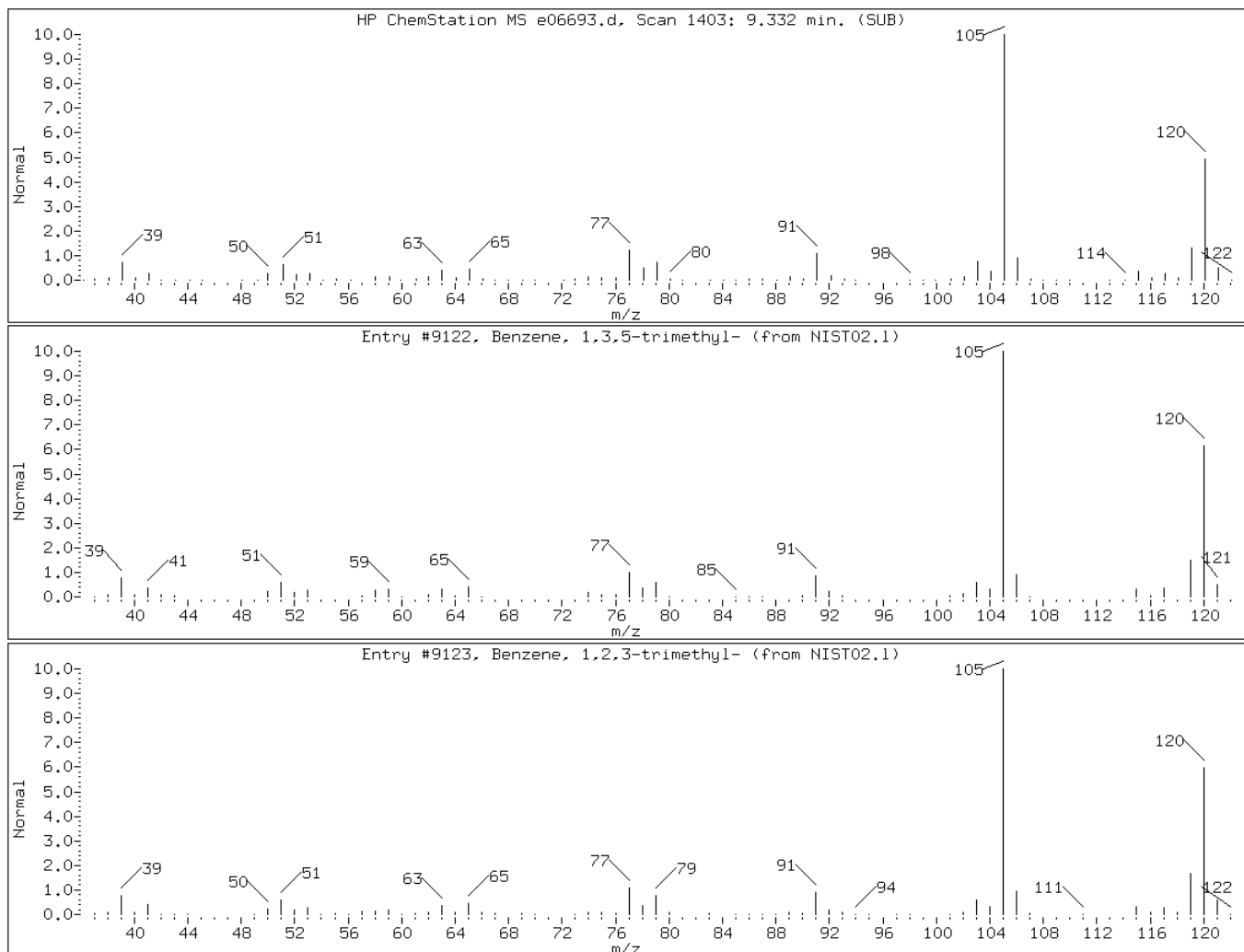
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 9.33

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



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

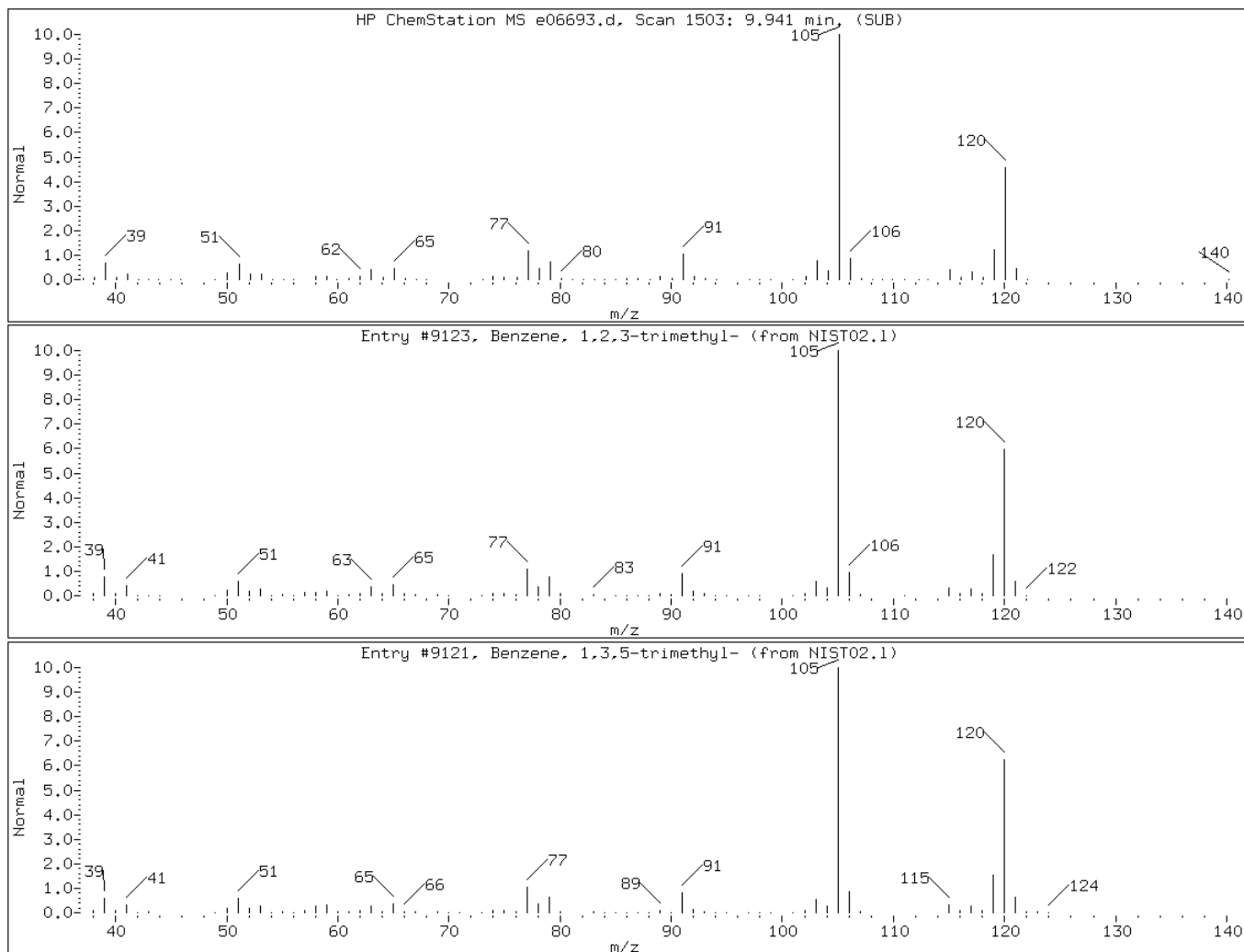
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 9.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	95	C9H12	120



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

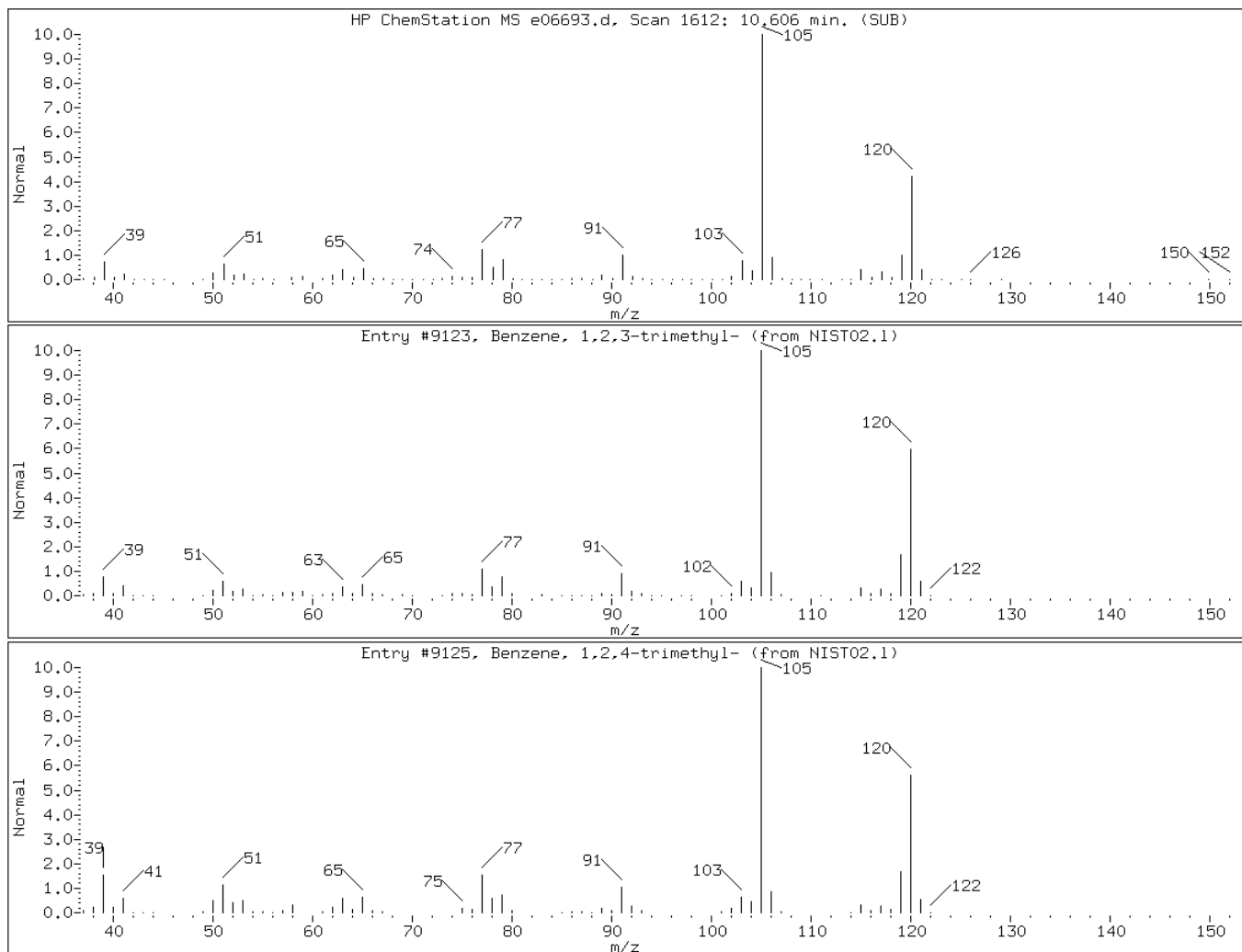
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9125	93	C9H12	120



Data File: e06693.d

Date: 13-AUG-2012 14:05

Client ID: WG-17338-080812-VAS

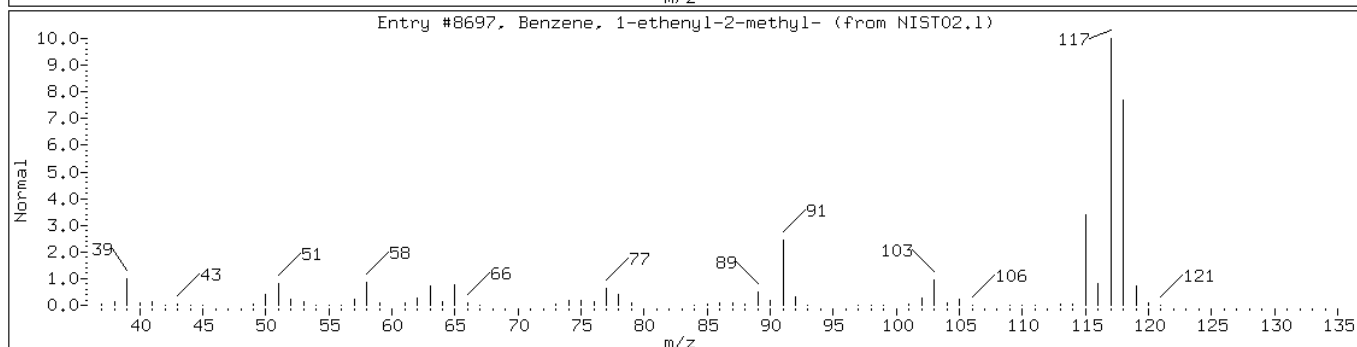
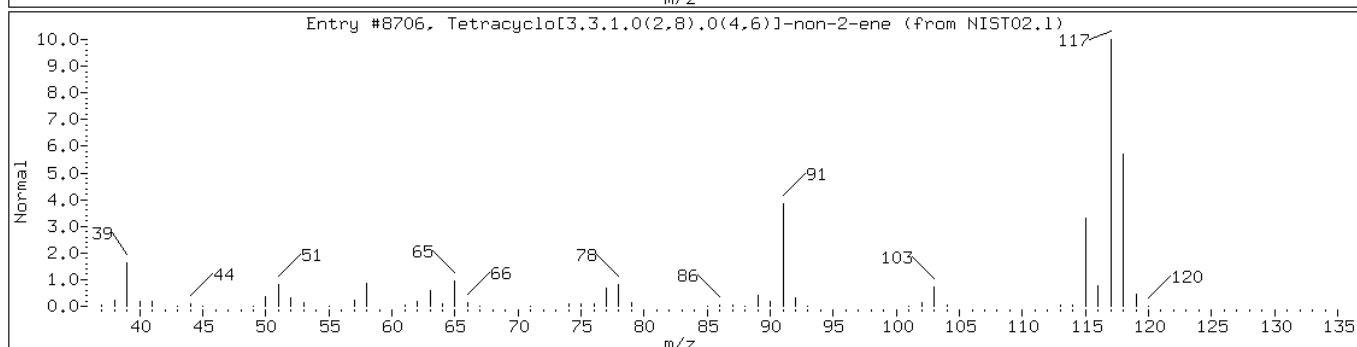
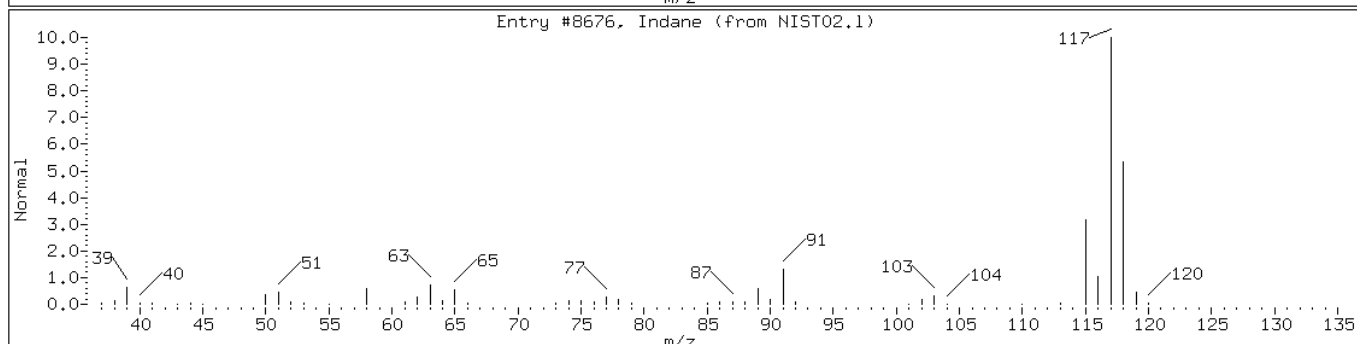
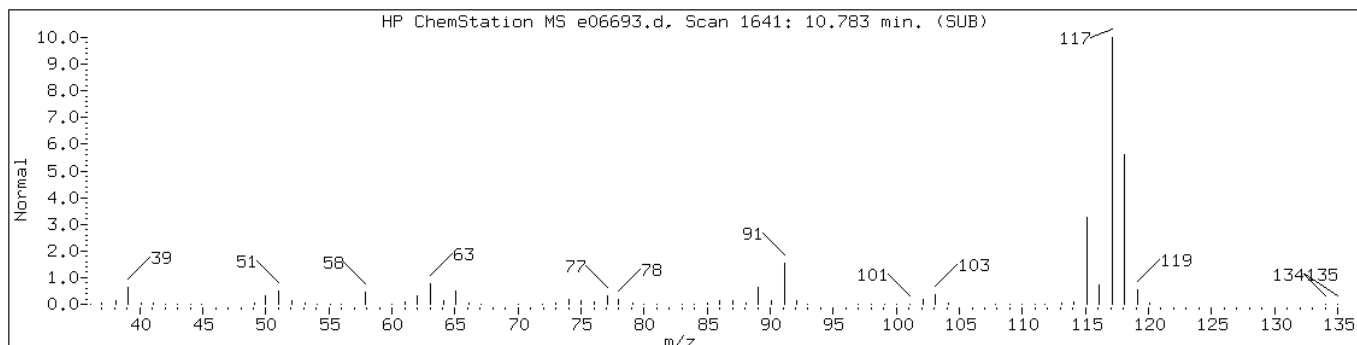
Instrument: VOAMS5.i

Sample Info: 460-43314-C-5;2

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.1	8706	80	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8697	72	C9H10	118



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-5 DL
Matrix: Water Lab File ID: e06572.d
Analysis Method: 8260B Date Collected: 08/08/2012 13:30
Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 17:04
Soil Aliquot Vol: _____ Dilution Factor: 10
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1400	D	10	1.0
108-88-3	Toluene	2000	D	10	1.5
1330-20-7	Xylenes, Total	6400	D	30	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109	D	70-130
460-00-4	4-Bromofluorobenzene	97	D	70-130
2037-26-5	Toluene-d8 (Surr)	98	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06572.d
 Report Date: 13-Aug-2012 12:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06572.d
 Lab Smp Id: 460-43314-A-5 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 10-AUG-2012 17:04
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-A-5;10
 Misc Info : 460-43314-A-5
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 22
 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone		72	3.071	3.071 (0.854)		2572	4.14883	41(a)
44 Cyclohexane		56	2.784	2.778 (0.774)		260063	53.7840	540
48 Benzene		78	3.260	3.254 (0.469)		185597	13.1686	130
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.357 (0.936)		272245	54.3213	54
* 52 Fluorobenzene		96	3.595	3.595 (1.000)		861516	50.0000	
56 Methyl cyclohexane		83	3.729	3.723 (1.037)		160806	32.1043	320
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		814790	48.9325	49
66 Toluene		91	5.162	5.162 (0.742)		3467860	200.524	2000
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		725850	50.0000	
81 Ethylbenzene		106	7.070	7.064 (1.017)		891022	139.743	1400
82 m+p-Xylene		106	7.289	7.277 (1.048)		3720902	446.936	4500
84 o-Xylene		106	7.868	7.863 (1.131)		1582521	194.063	1900
85 Styrene		104	7.948	7.942 (1.143)		30996	2.27974	23
88 Isopropylbenzene		105	8.350	8.350 (1.201)		140779	6.64976	66
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		382278	48.6967	49
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466 (1.000)		457864	50.0000	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06572.d
Report Date: 13-Aug-2012 12:37

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)
M 121 Xylene (Total)	100				5303423	641.000	6400

QC Flag Legend

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

Data File: e06572.d

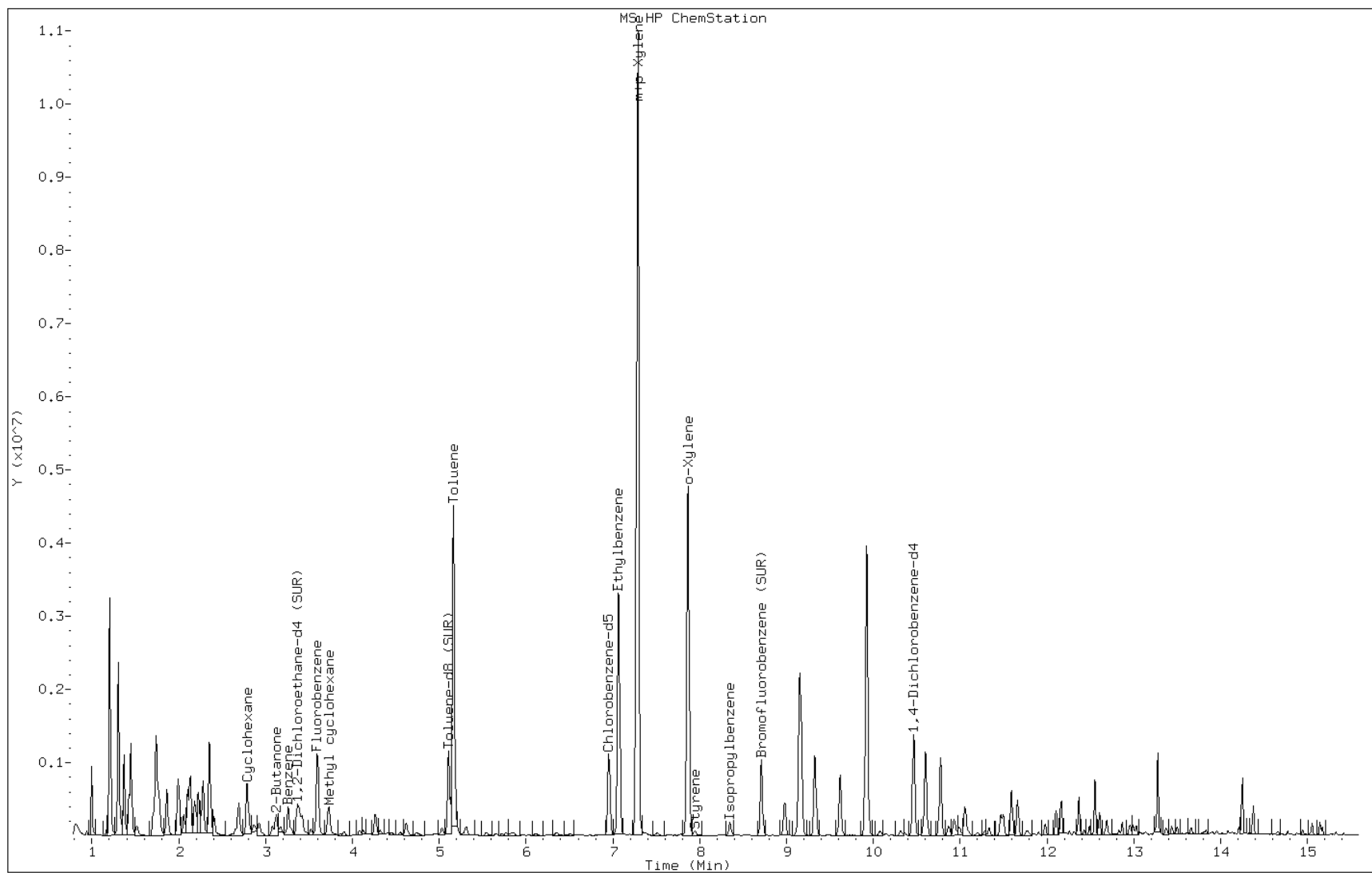
Date: 10-AUG-2012 17:04

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-5;10

Operator: GC/MS VOAMS5



Data File: e06572.d

Date: 10-AUG-2012 17:04

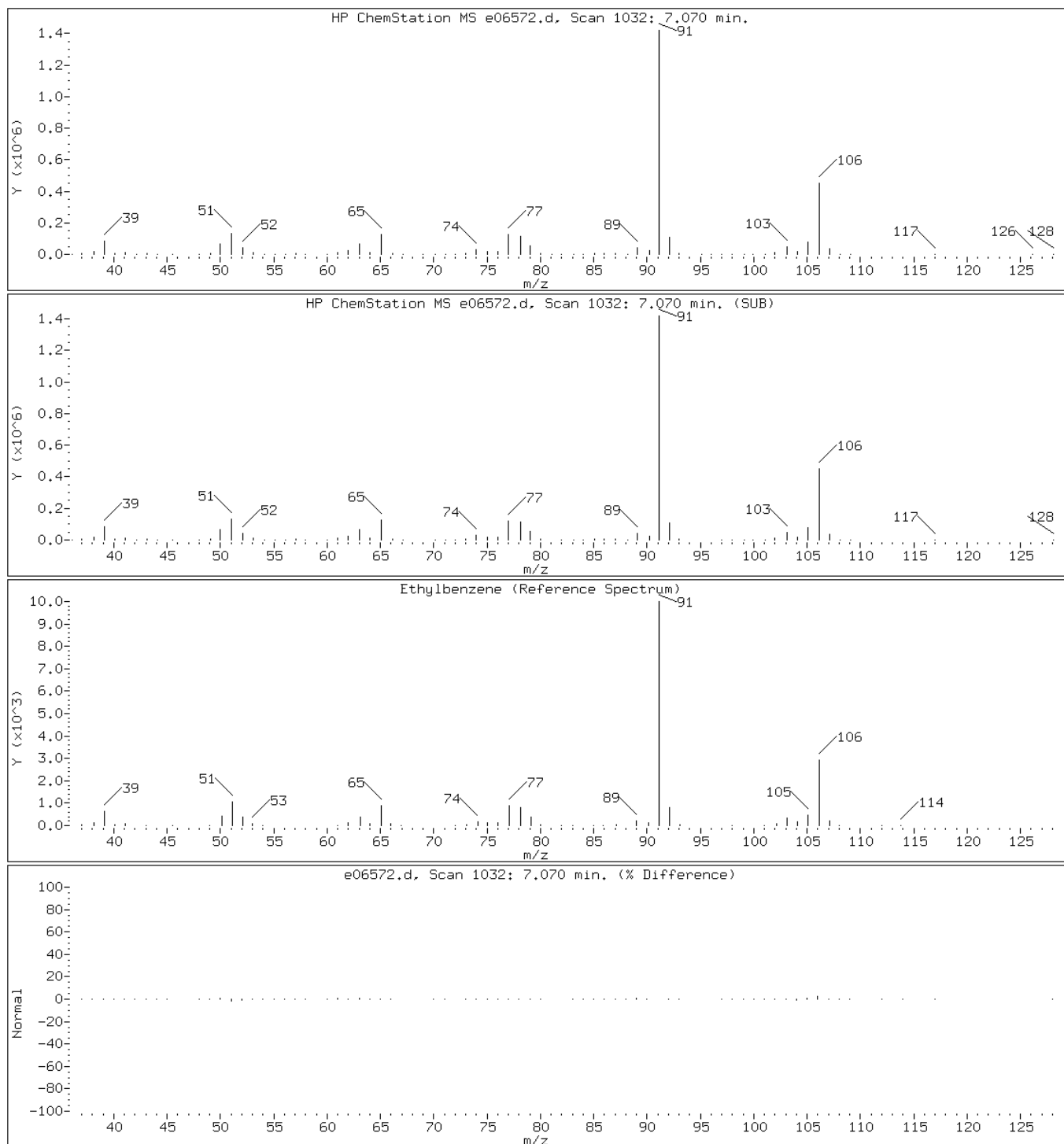
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-5;10

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06572.d

Date: 10-AUG-2012 17:04

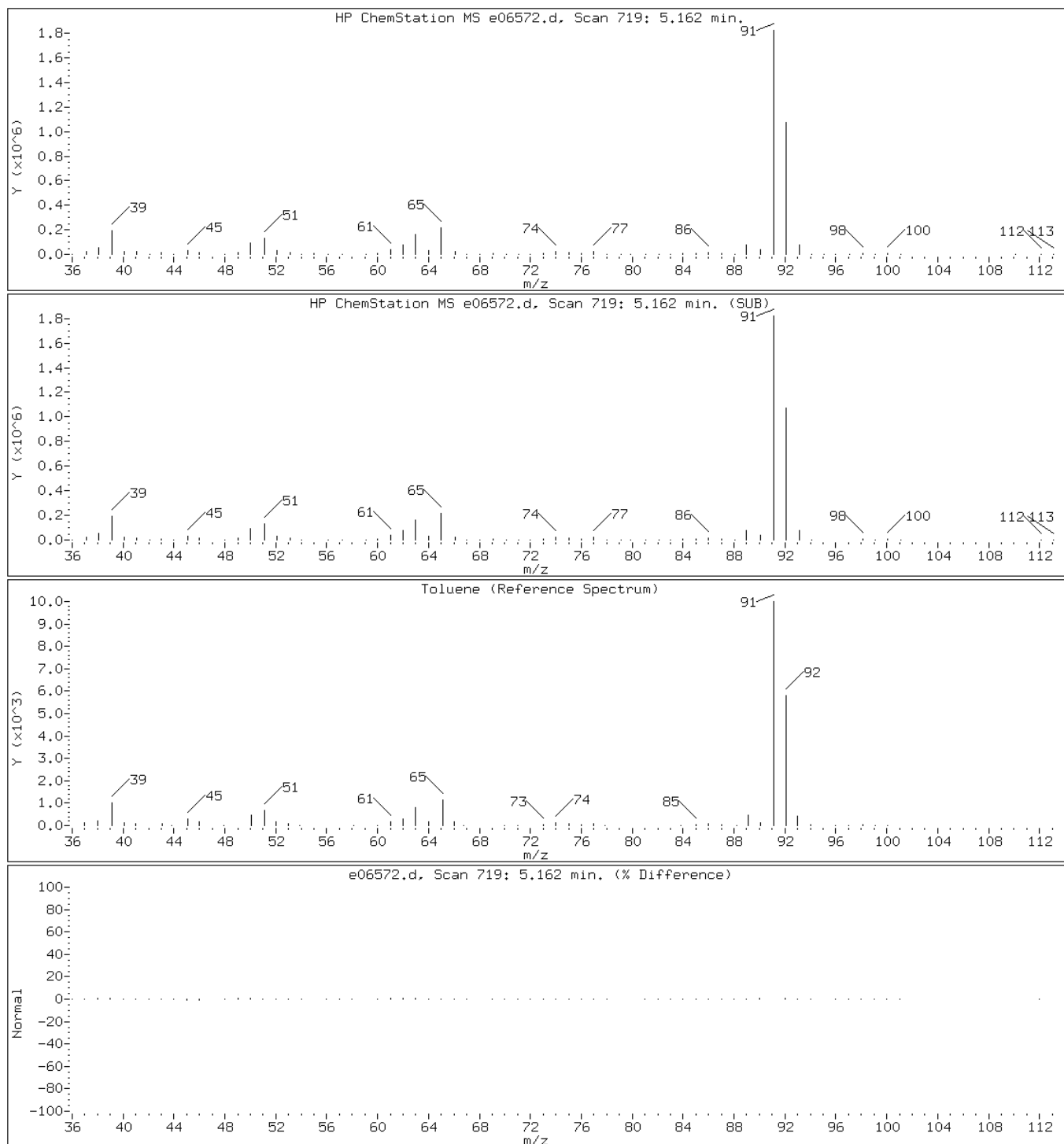
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-5;10

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06572.d

Date: 10-AUG-2012 17:04

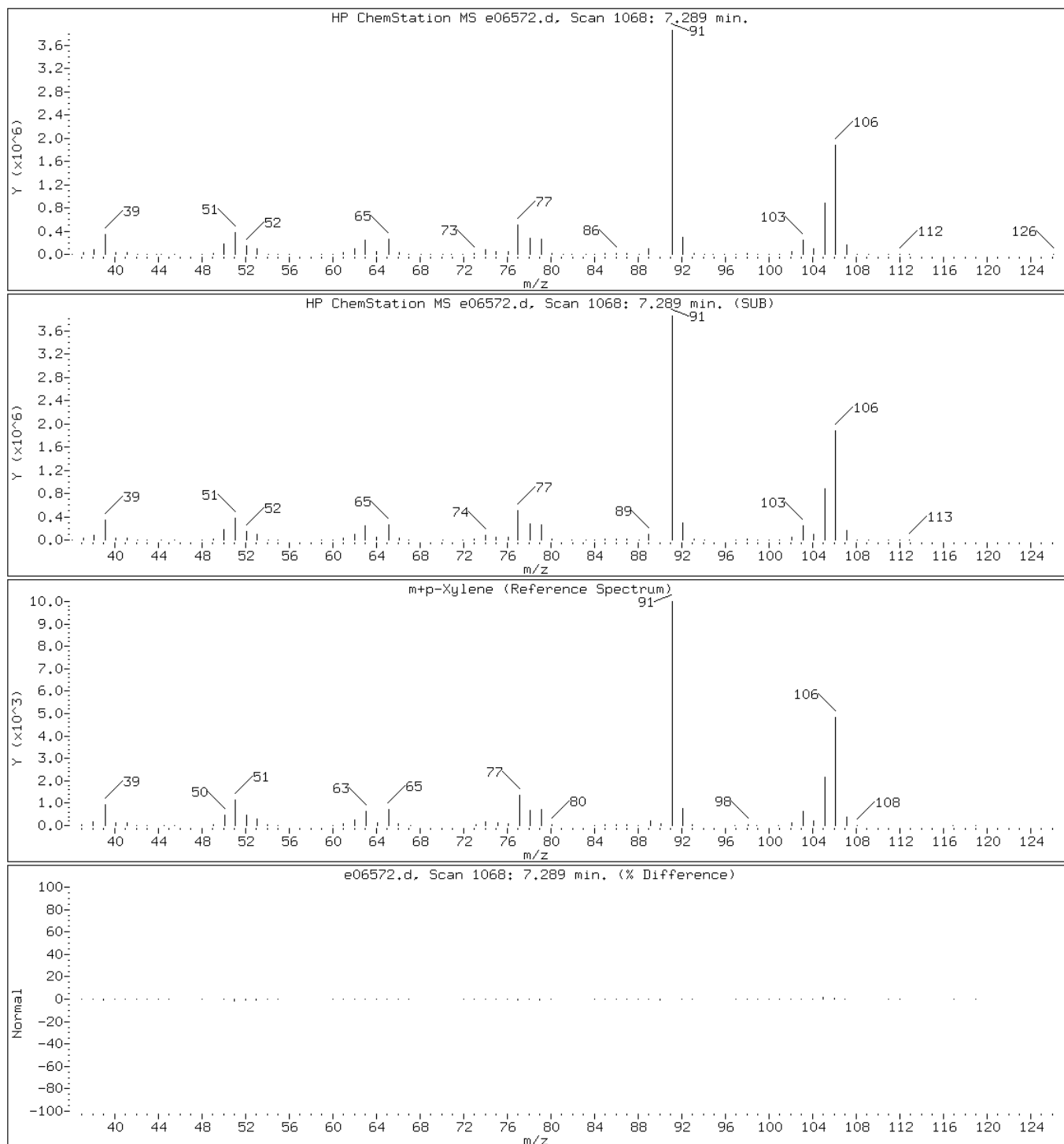
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-5;10

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06572.d

Date: 10-AUG-2012 17:04

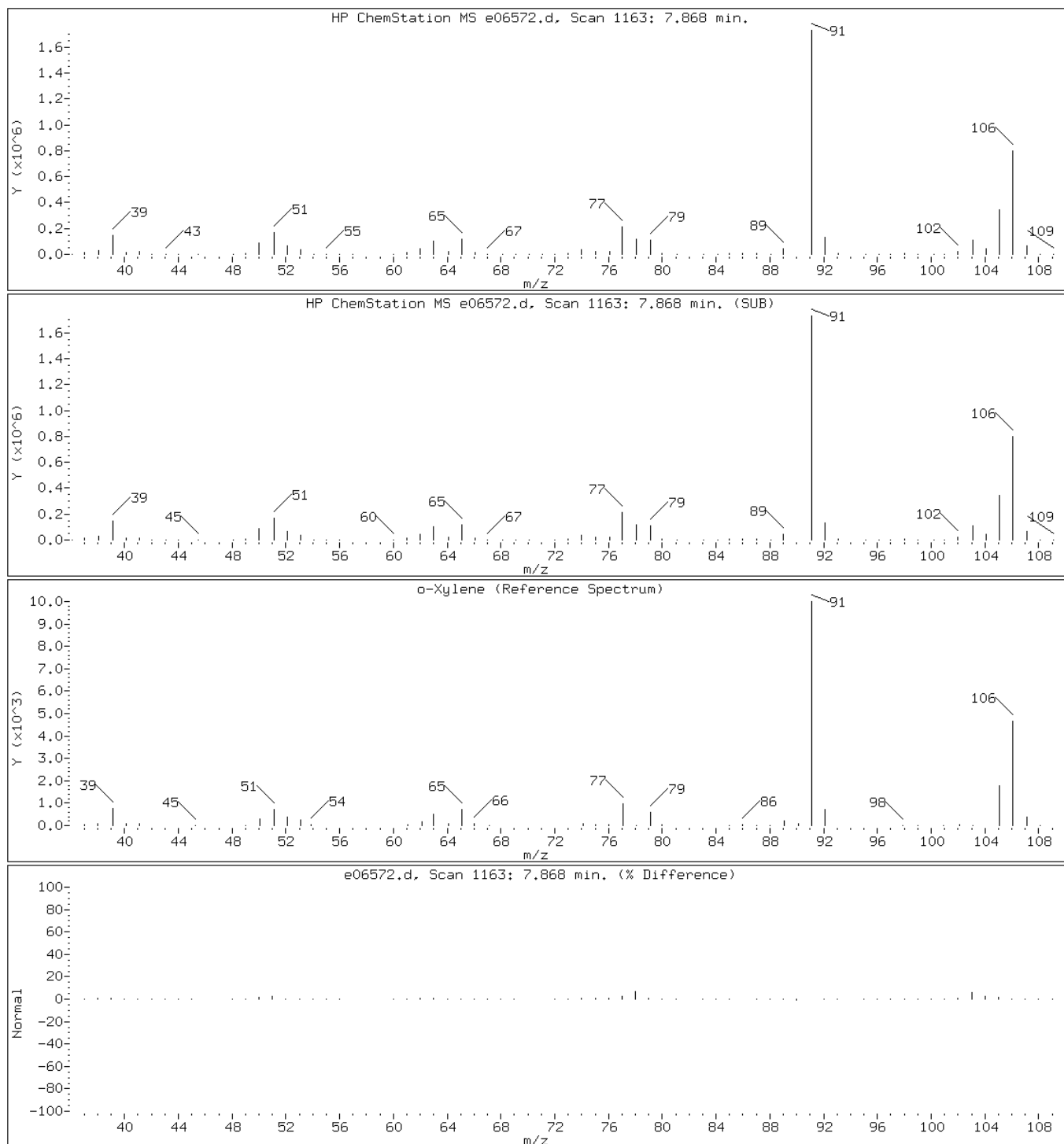
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-A-5;10

Operator: GC/MS VOAMS5

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-6
 Matrix: Water Lab File ID: e06696.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:40
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.060	U	1.0	0.060
75-71-8	Dichlorodifluoromethane	0.22	U	1.0	0.22
74-87-3	Chloromethane	0.10	U	1.0	0.10
75-01-4	Vinyl chloride	0.14	U	1.0	0.14
74-83-9	Bromomethane	0.18	U	1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.090	U	1.0	0.090
78-87-5	1,2-Dichloropropane	0.090	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.080	U	1.0	0.080
67-64-1	Acetone	2.7	U	5.0	2.7
75-15-0	Carbon disulfide	0.41	J	1.0	0.13
79-20-9	Methyl acetate	0.34	U	2.0	0.34
75-09-2	Methylene Chloride	0.18	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.13	U	1.0	0.13
124-48-1	Chlorodibromomethane	0.20	U	1.0	0.20
1634-04-4	Methyl tert-butyl ether	0.14	U	1.0	0.14
75-00-3	Chloroethane	0.17	U	1.0	0.17
75-34-3	1,1-Dichloroethane	0.13	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	0.18	U	1.0	0.18
78-93-3	2-Butanone (MEK)	25		5.0	2.3
67-66-3	Chloroform	0.080	U	1.0	0.080
100-41-4	Ethylbenzene	790	E	1.0	0.10
110-82-7	Cyclohexane	120		1.0	0.16
56-23-5	Carbon tetrachloride	0.060	U	1.0	0.060
71-43-2	Benzene	83		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	51		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)	1.8	J	5.0	0.99
108-88-3	Toluene	1000	E	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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-6
 Matrix: Water Lab File ID: e06696.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:40
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.19	U	1.0	0.19
127-18-4	Tetrachloroethene	0.10	U	1.0	0.10
591-78-6	2-Hexanone	2.8	J	5.0	0.50
106-93-4	1,2-Dibromoethane	0.28	U	1.0	0.28
108-90-7	Chlorobenzene	0.11	U	1.0	0.11
1330-20-7	Xylenes, Total	3500	E	3.0	0.36
100-42-5	Styrene	12		1.0	0.12
75-25-2	Bromoform	0.19	U	1.0	0.19
98-82-8	Isopropylbenzene	38		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	1.0	0.16
541-73-1	1,3-Dichlorobenzene	0.14	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.23	U	1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
460-00-4	4-Bromofluorobenzene	107		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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-6
 Matrix: Water Lab File ID: e06696.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:40
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L
 Number TICs Found: 10 TIC Result Total: 2761

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C5H12 Alkane	1.21	96	J
	Unknown	1.74	130	J
103-65-1	Benzene, propyl-	8.98	95	J N
	Ethylmethylbenzene isomer	9.18	610	J
	Trimethylbenzene isomer	9.34	230	J
	Ethylmethylbenzene isomer-1	9.63	180	J
	Trimethylbenzene isomer-1	9.95	840	J
	Trimethylbenzene isomer-2	10.62	240	J
496-11-7	Indane	10.79	220	J N
91-20-3	Naphthalene	13.28	120	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06696.d
 Report Date: 14-Aug-2012 11:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06696.d
 Lab Smp Id: 460-43314-C-6 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 15:14
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-6
 Misc Info : 460-43314-C-6
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 28
 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
						(ug/L)	(ug/L)
18 Carbon Disulfide	76	1.565	1.565 (0.435)		4929	0.41492	0.41(a)
38 2-Butanone	72	3.065	3.071 (0.852)		16209	24.6886	25
44 Cyclohexane	56	2.784	2.778 (0.774)		752075	122.060	120
48 Benzene	78	3.260	3.254 (0.468)		1237485	82.6731	83
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357 (0.936)		253710	55.7703	56
* 52 Fluorobenzene	96	3.595	3.595 (1.000)		808117	50.0000	
56 Methyl cyclohexane	83	3.729	3.723 (1.037)		338733	50.7003	51
70 4-Methyl-2-Pentanone	43	5.631	5.625 (0.809)		6569	1.82461	1.8(a)
\$ 65 Toluene-d8 (SUR)	98	5.113	5.107 (0.735)		800253	49.7132	50
66 Toluene	91	5.180	5.162 (0.744)		20234423	1013.17	1000(A)
73 2-Hexanone	43	6.680	6.680 (0.960)		7545	2.76713	2.8(a)
* 78 Chlorobenzene-d5	117	6.960	6.954 (1.000)		733652	50.0000	
81 Ethylbenzene	106	7.088	7.064 (1.018)		5883915	786.094	790(A)
82 m+p-Xylene	106	7.344	7.277 (1.055)		24319479	2449.29	2400(A)
84 o-Xylene	106	7.905	7.862 (1.136)		10558982	1086.38	1100(A)
85 Styrene	104	7.954	7.942 (1.143)		184748	11.6750	12

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06696.d
 Report Date: 14-Aug-2012 11:24

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	==	=====	=====	=====	=====	=====	
88 Isopropylbenzene	105	8.350	8.350	(1.200)	938884	37.8485	38	
\$ 89 Bromofluorobenzene (SUR)	174	8.716	8.710	(0.832)	381225	53.3579	53	
* 108 1,4-Dichlorobenzene-d4	152	10.472	10.466	(1.000)	430284	50.0000		
M 121 Xylene (Total)	100				34878461	3535.67	3500	

QC Flag Legend

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

Data File: e06696.d

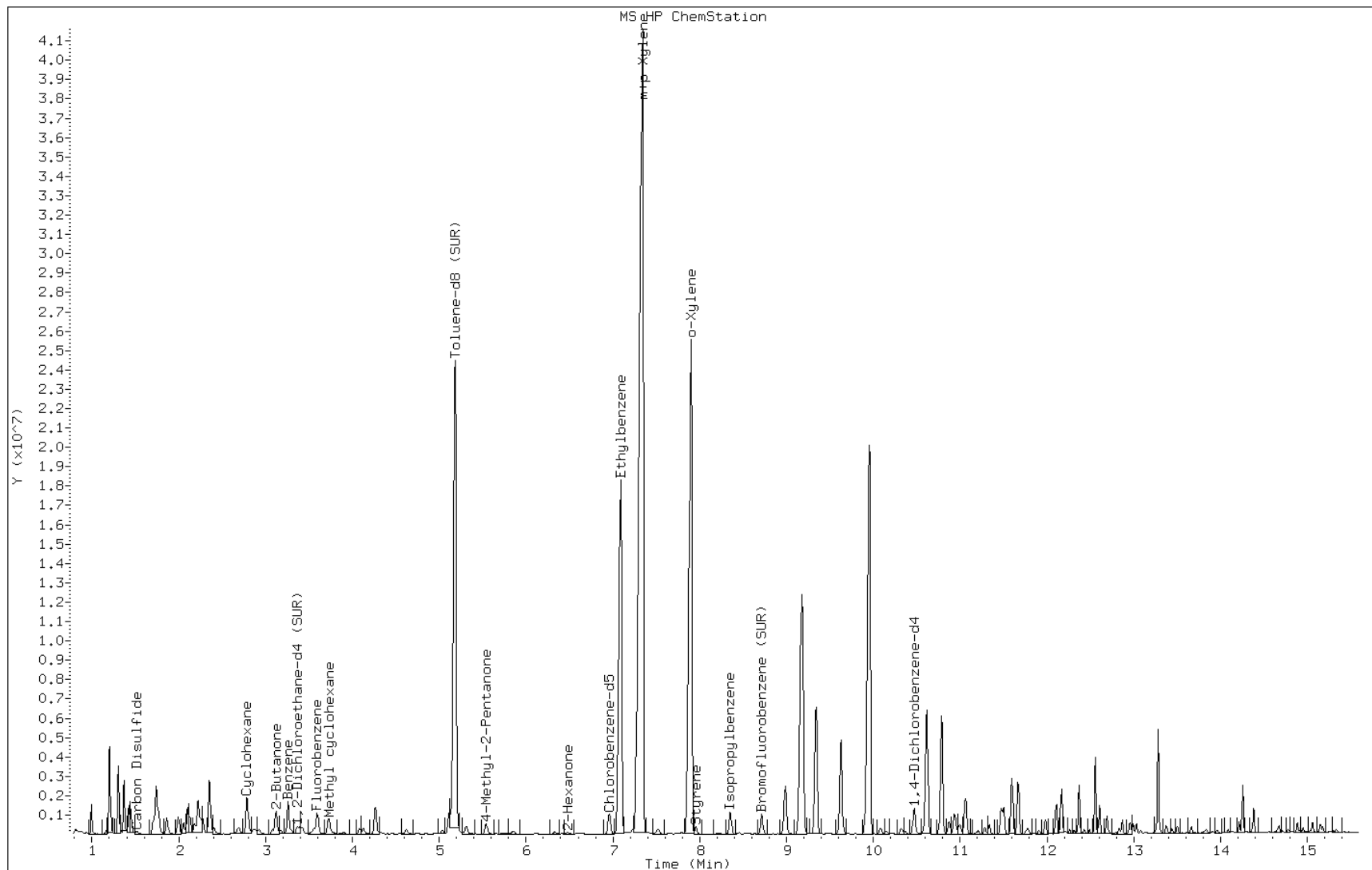
Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5



Data File: e06696.d

Date: 13-AUG-2012 15:14

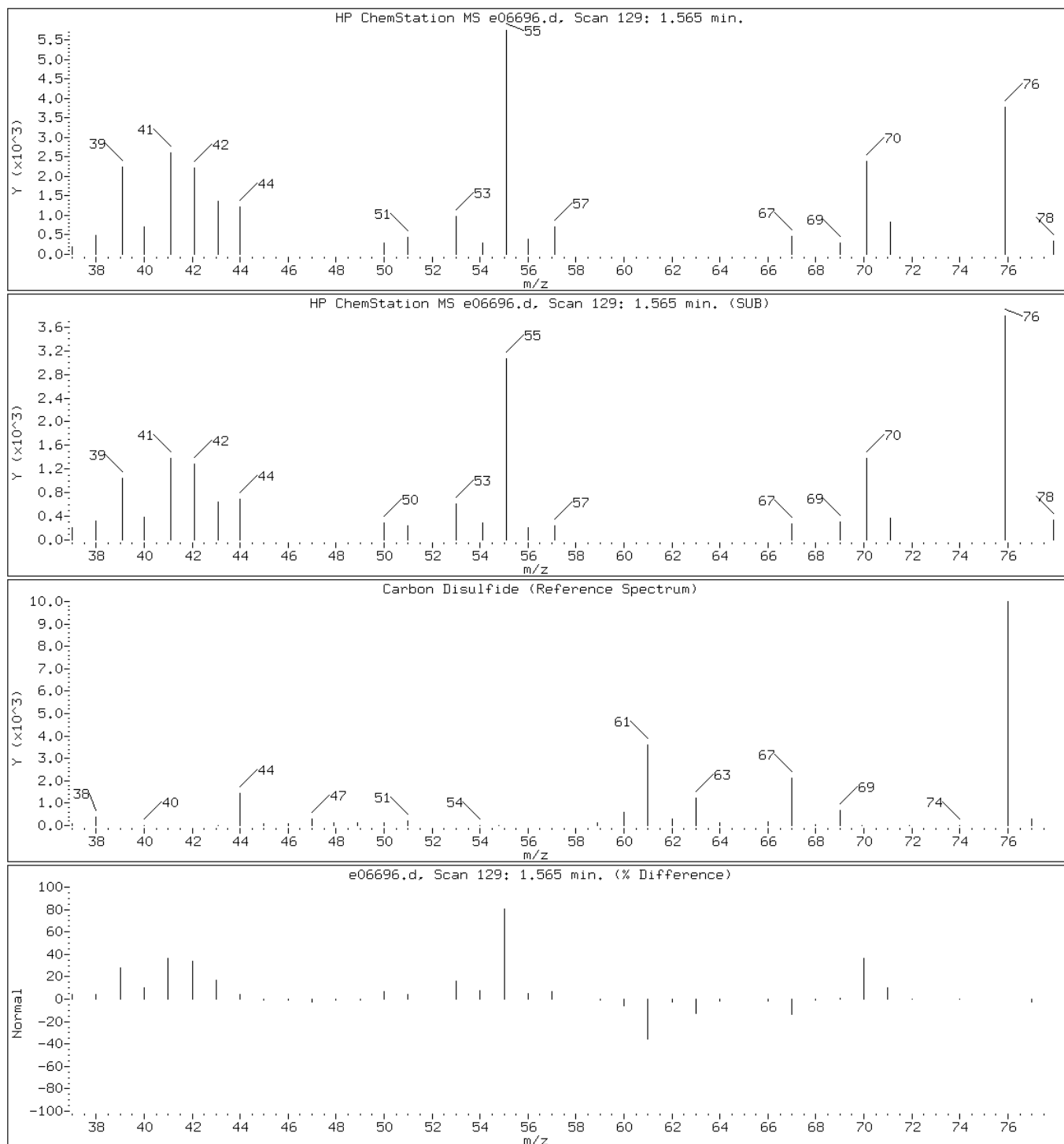
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

18 Carbon Disulfide



Data File: e06696.d

Date: 13-AUG-2012 15:14

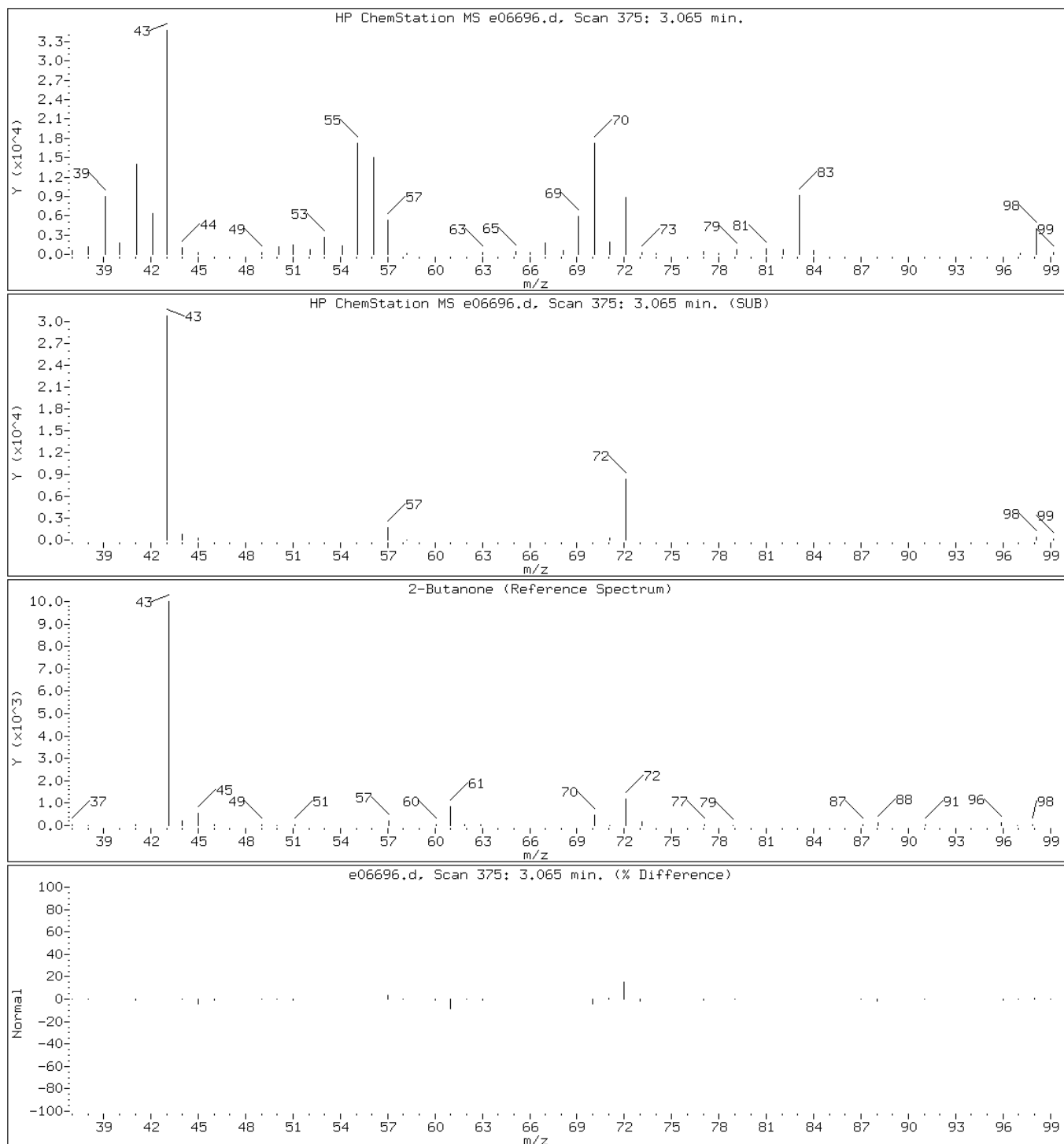
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06696.d

Date: 13-AUG-2012 15:14

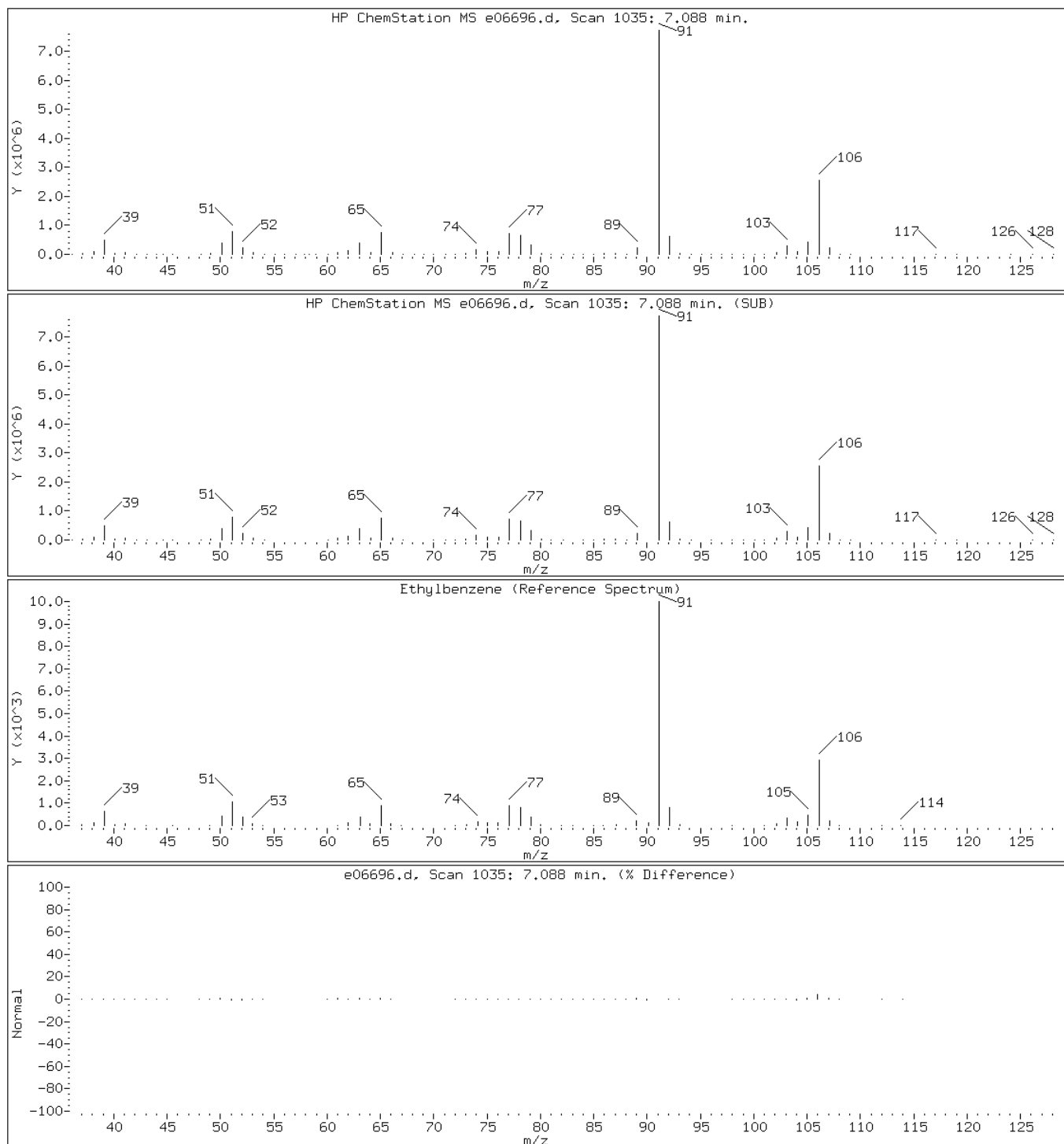
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06696.d

Date: 13-AUG-2012 15:14

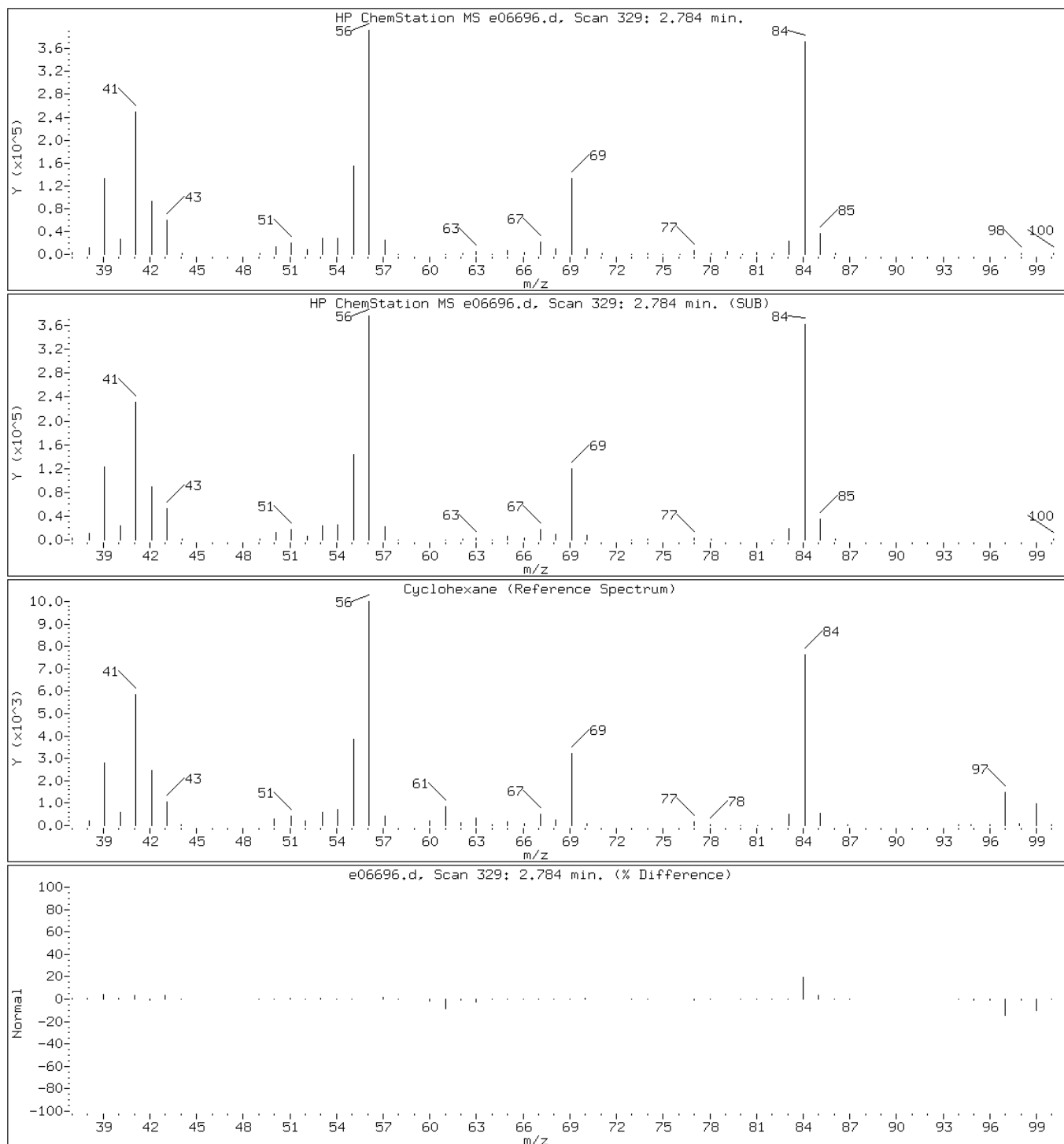
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06696.d

Date: 13-AUG-2012 15:14

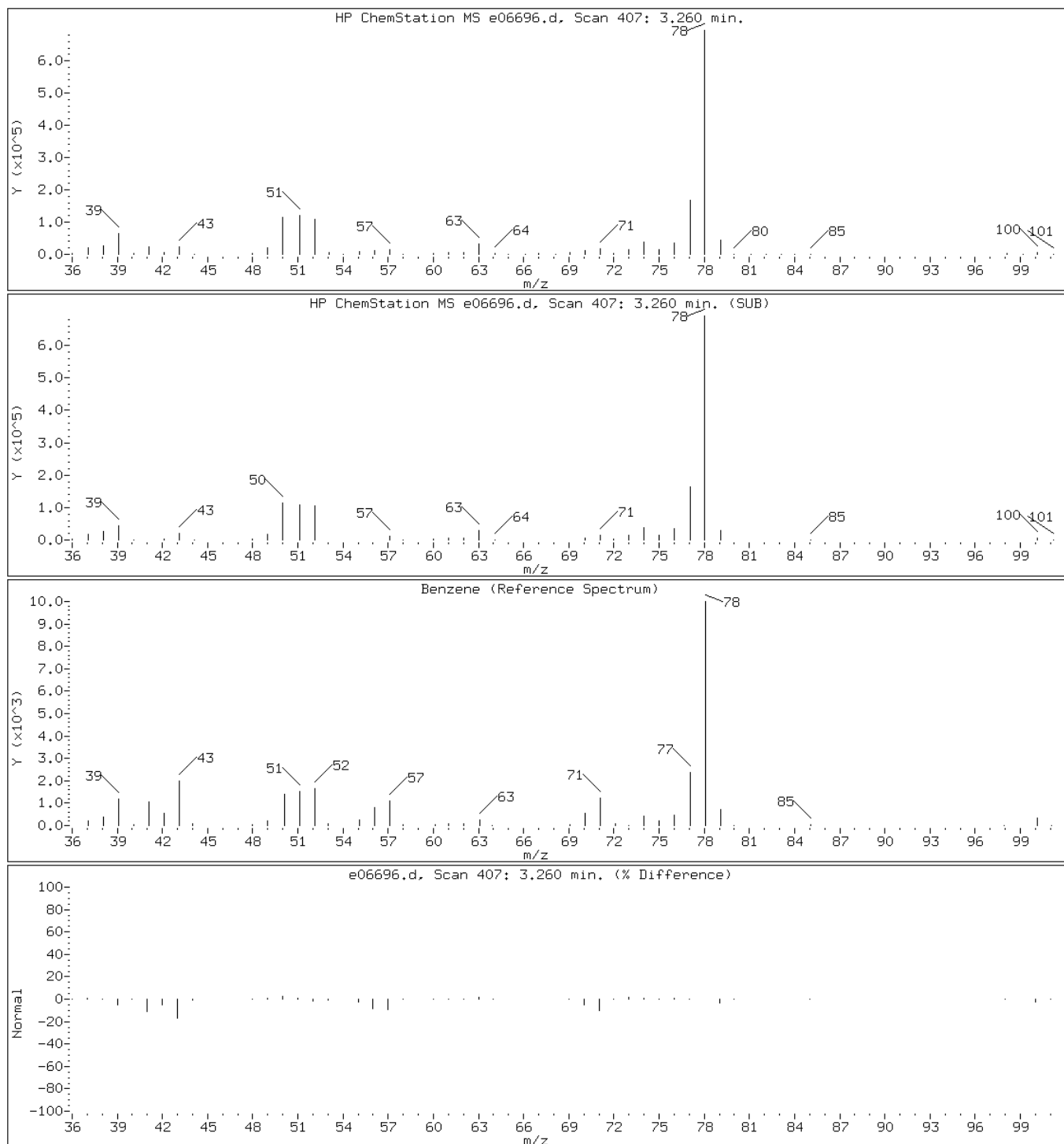
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06696.d

Date: 13-AUG-2012 15:14

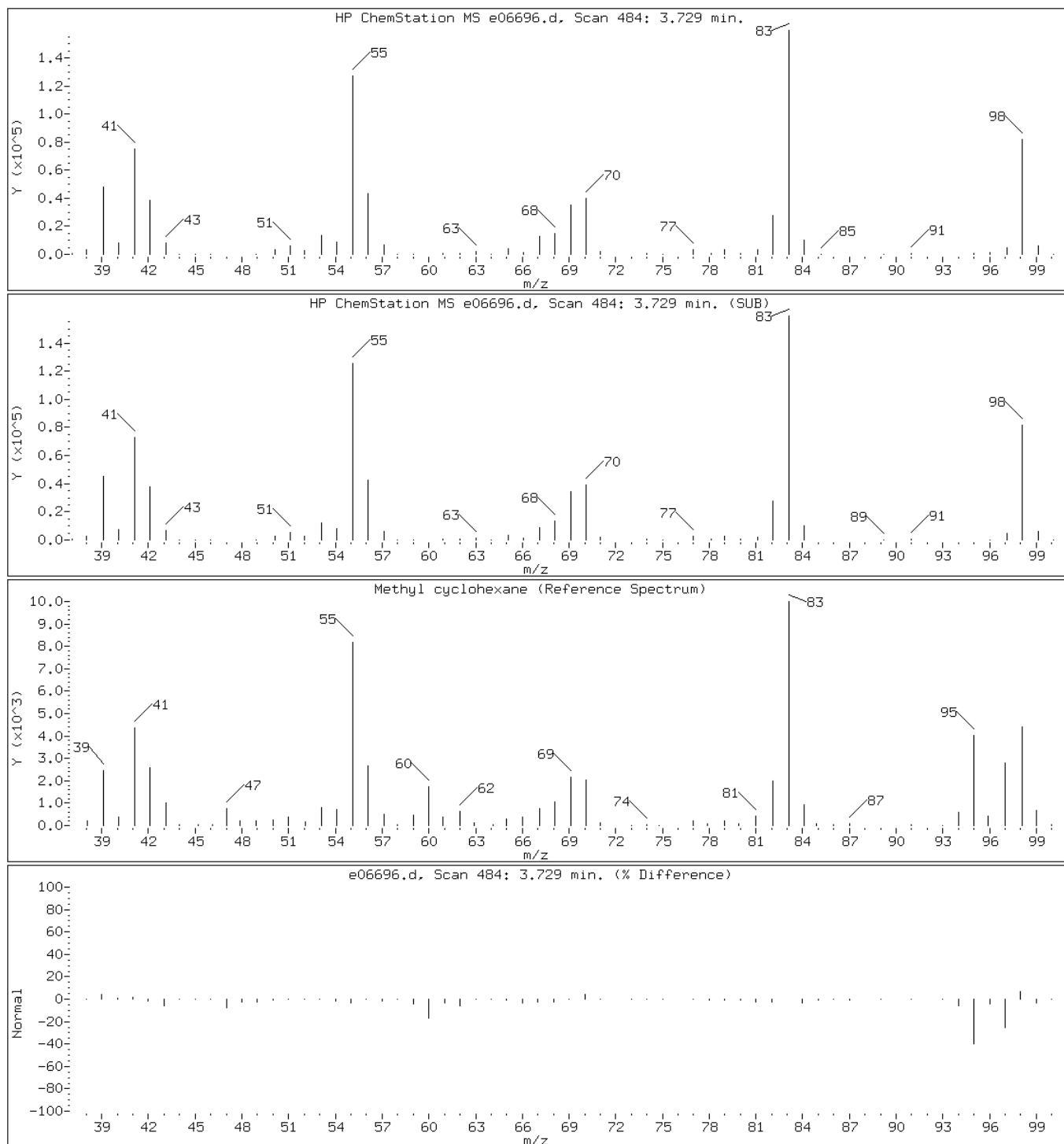
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06696.d

Date: 13-AUG-2012 15:14

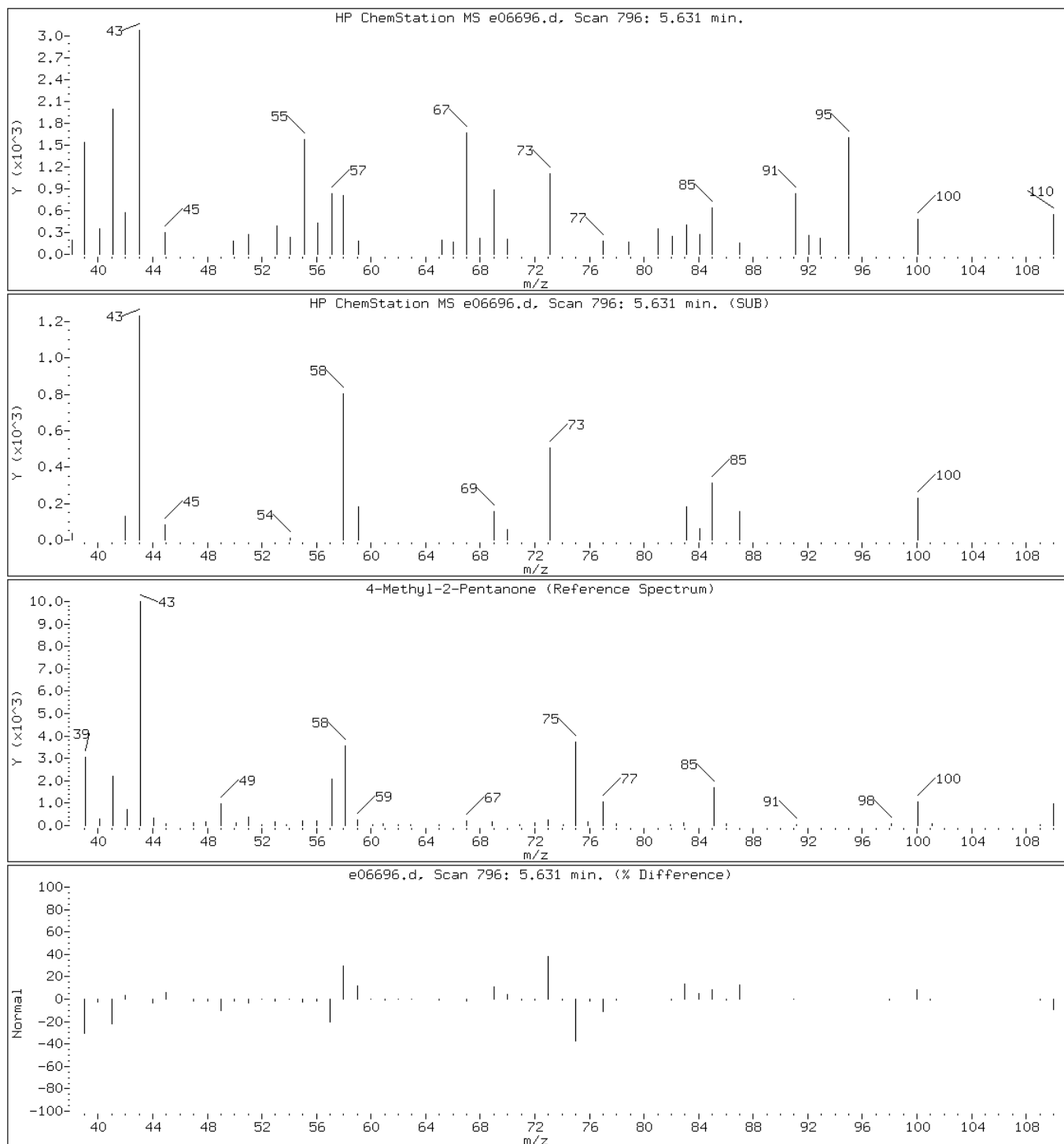
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

70 4-Methyl-2-Pentanone



Data File: e06696.d

Date: 13-AUG-2012 15:14

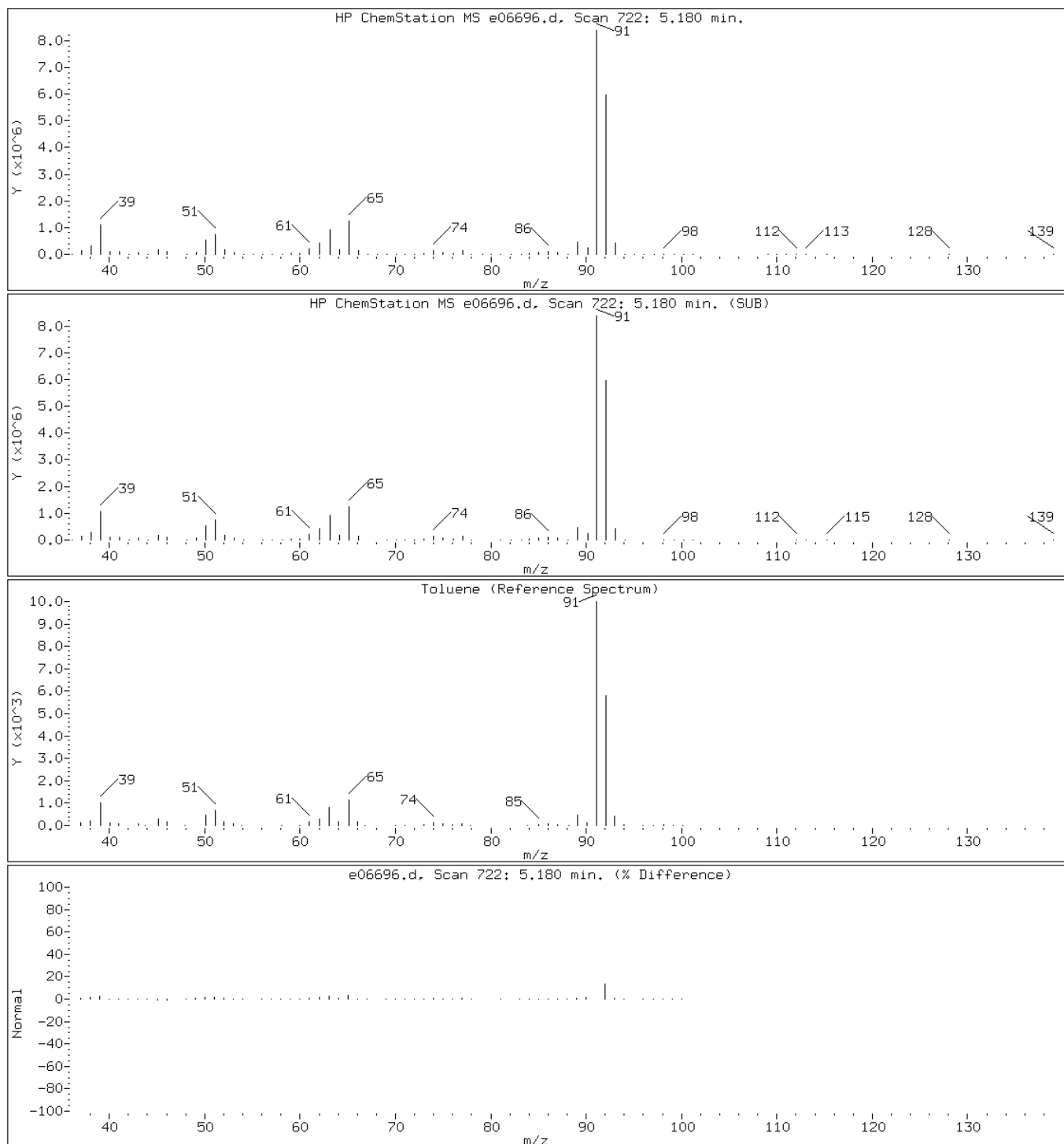
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06696.d

Date: 13-AUG-2012 15:14

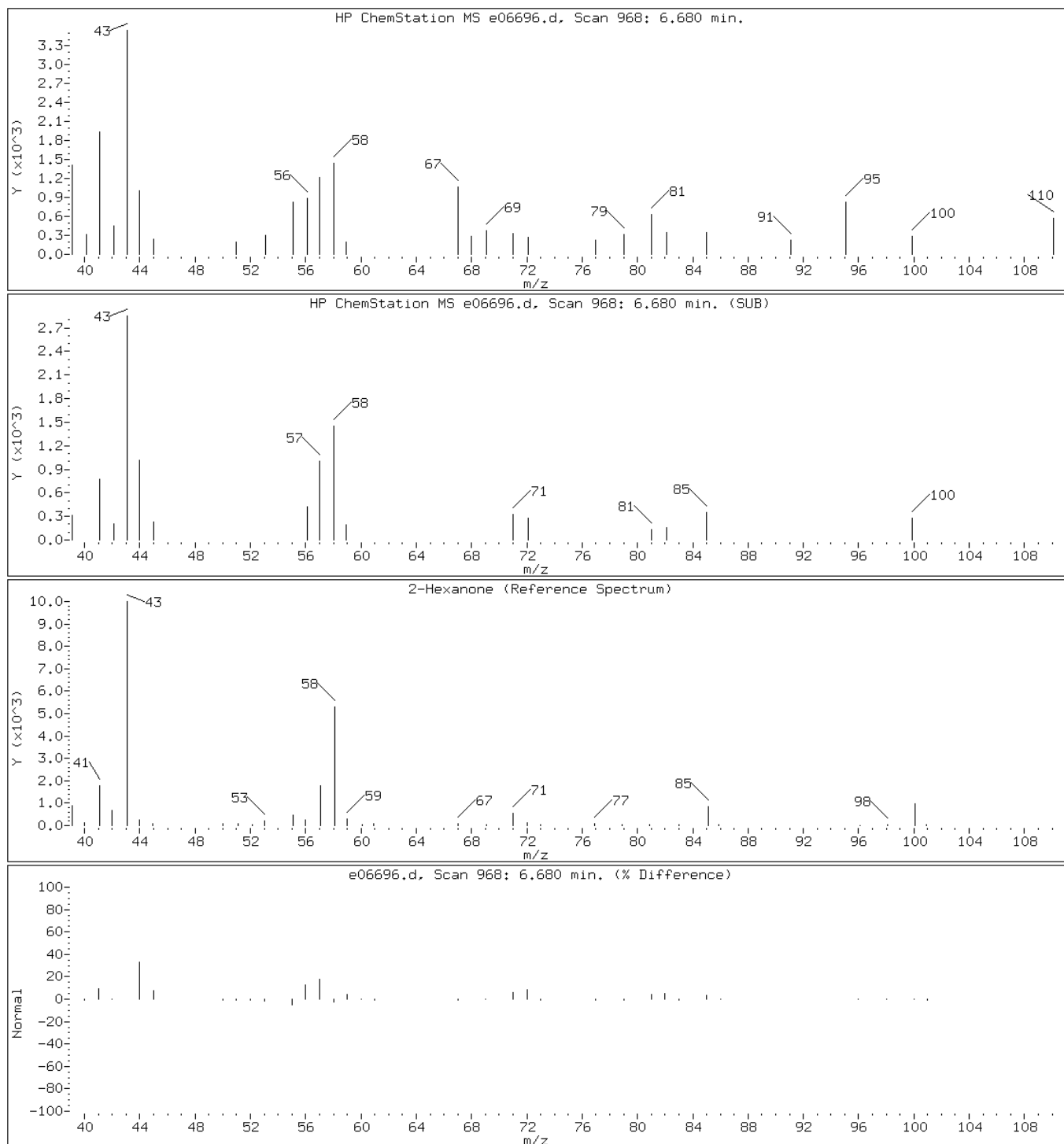
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

73 2-Hexanone



Data File: e06696.d

Date: 13-AUG-2012 15:14

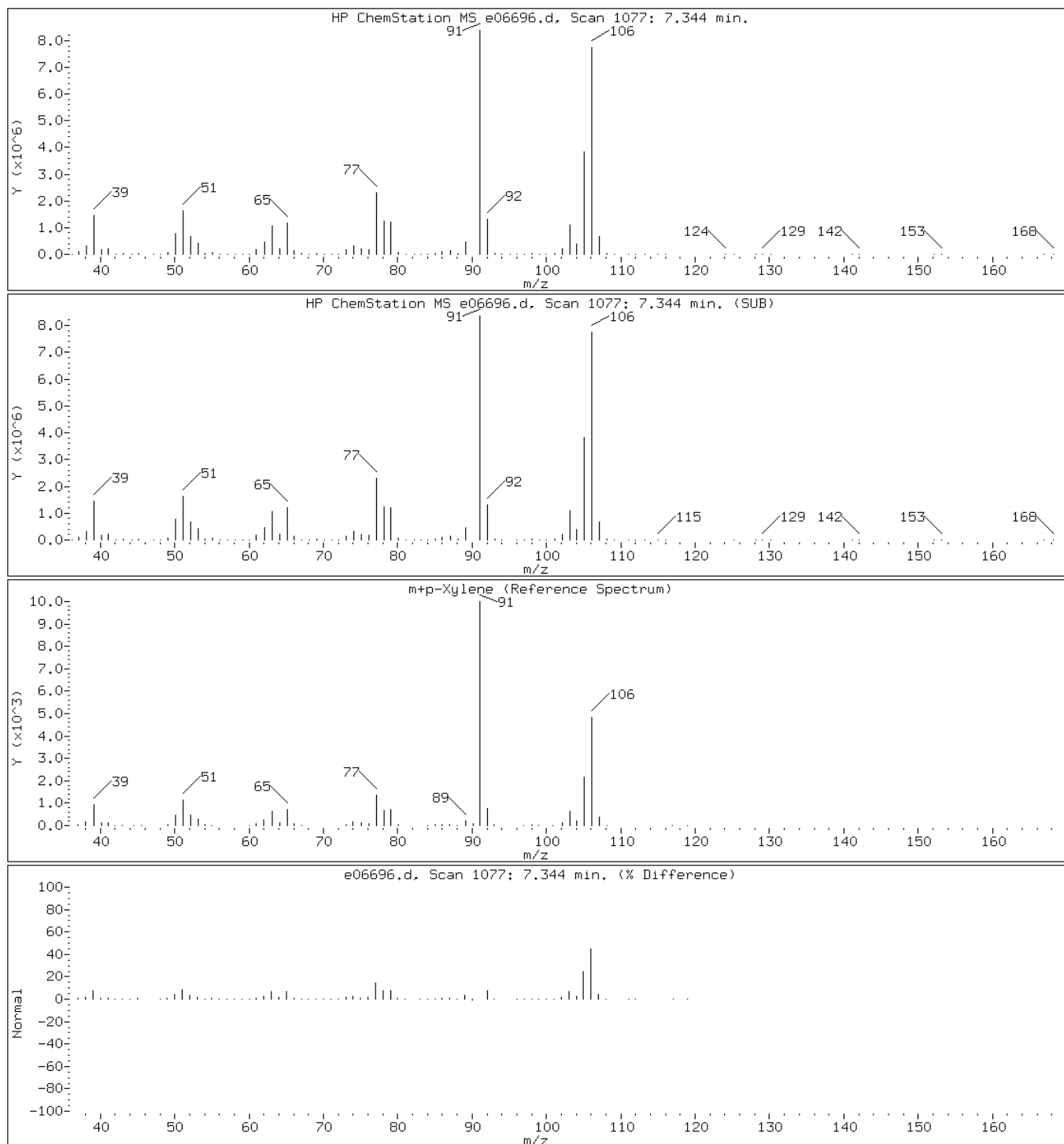
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06696.d

Date: 13-AUG-2012 15:14

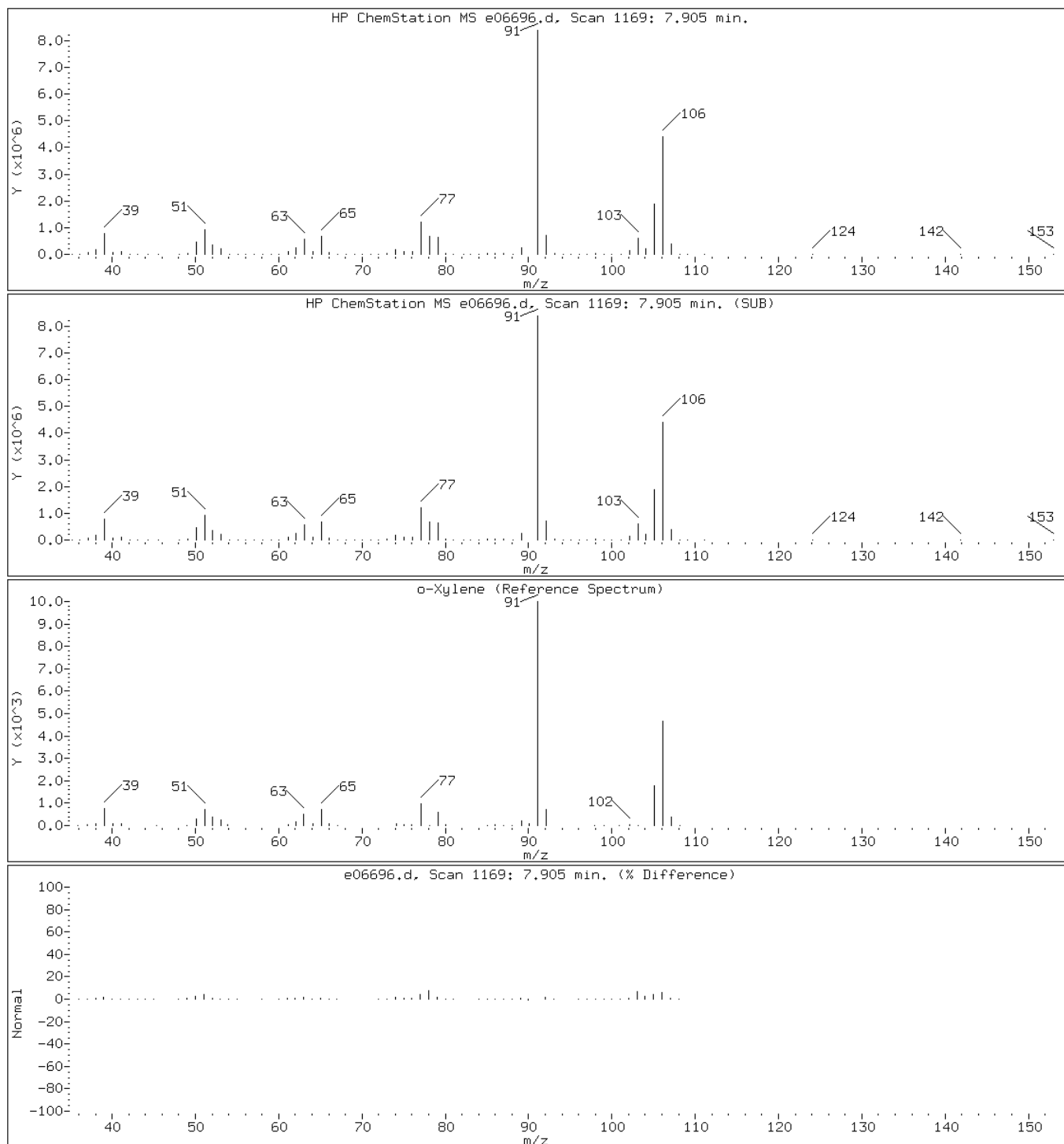
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06696.d

Date: 13-AUG-2012 15:14

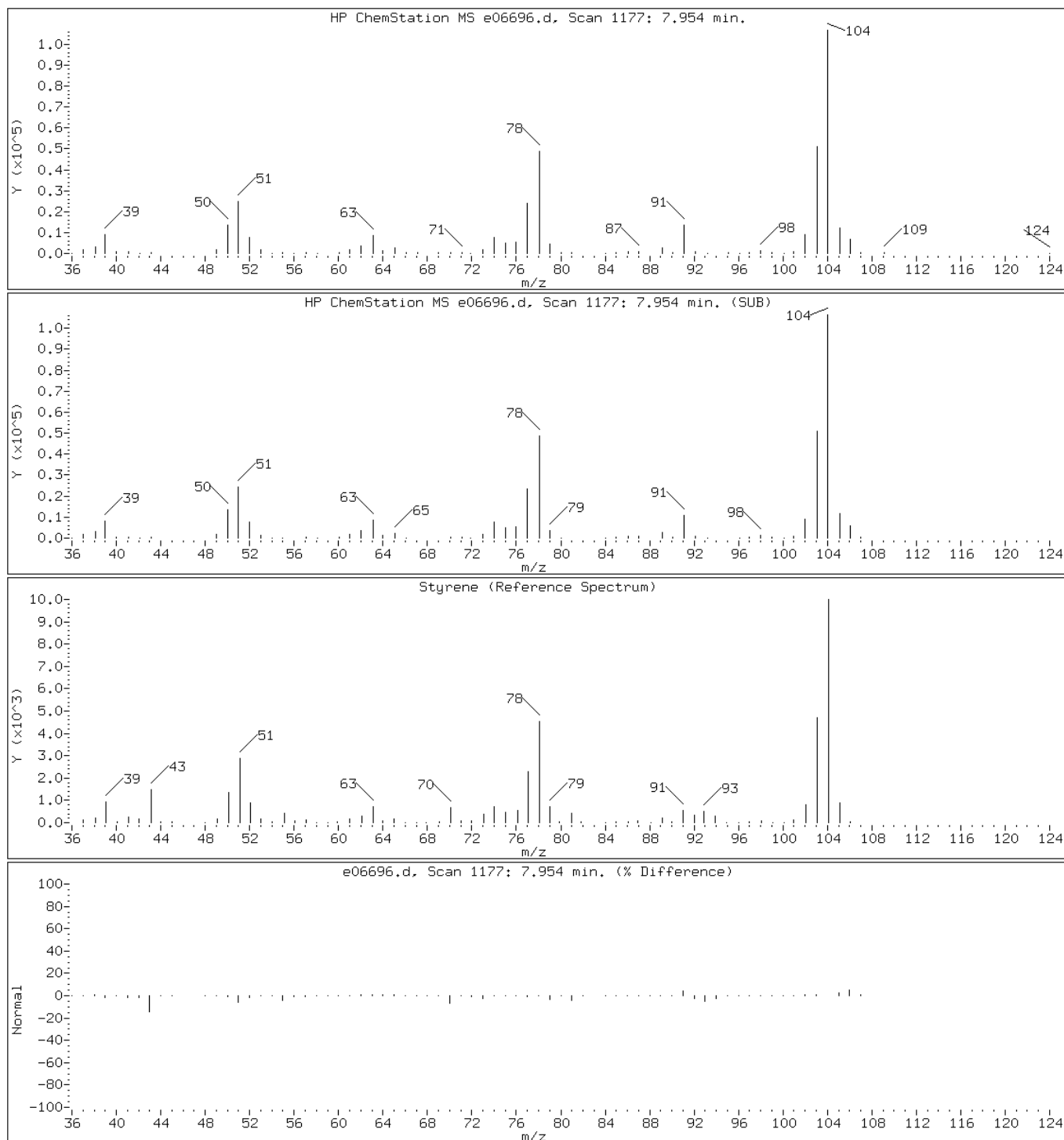
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06696.d

Date: 13-AUG-2012 15:14

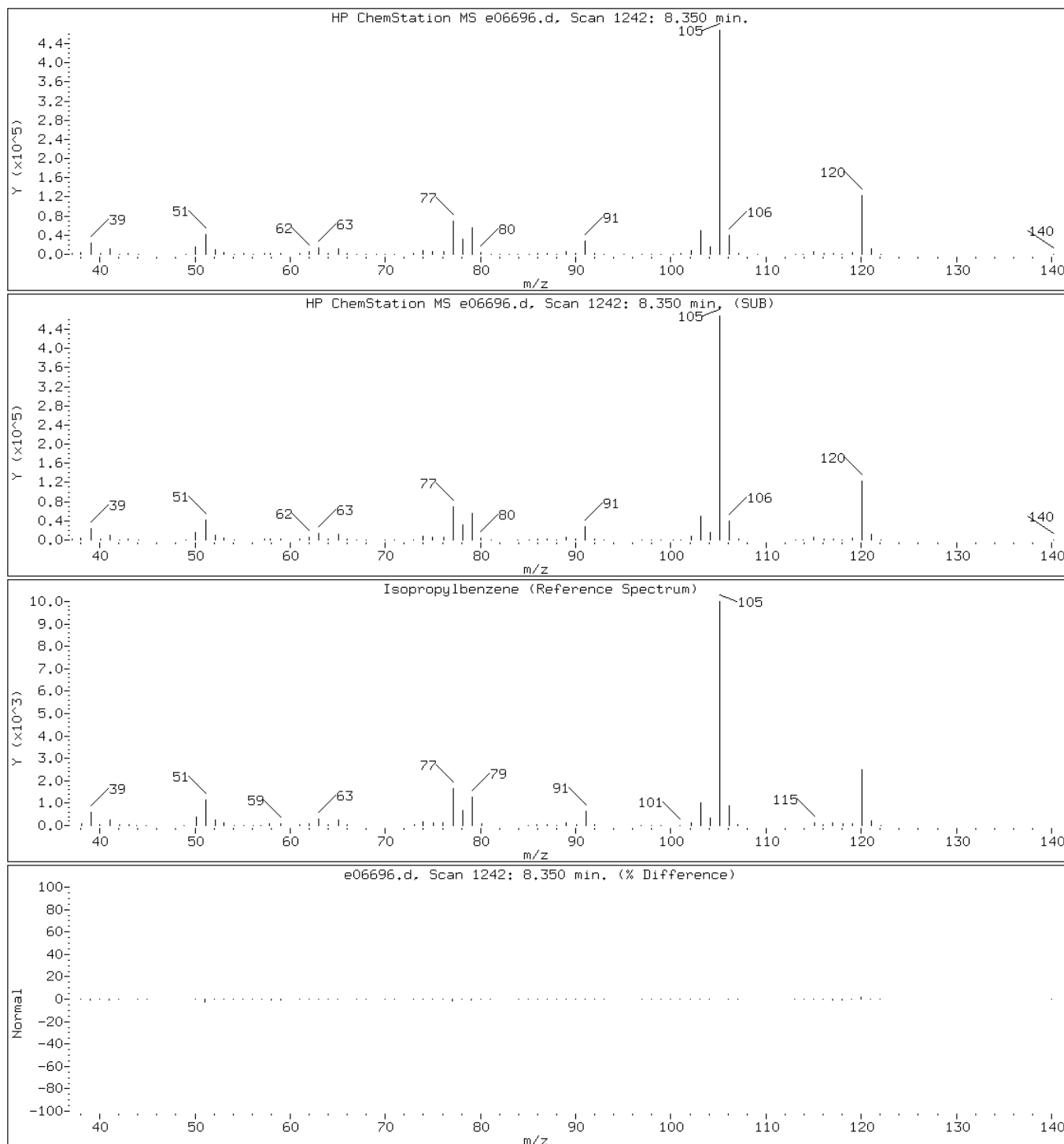
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

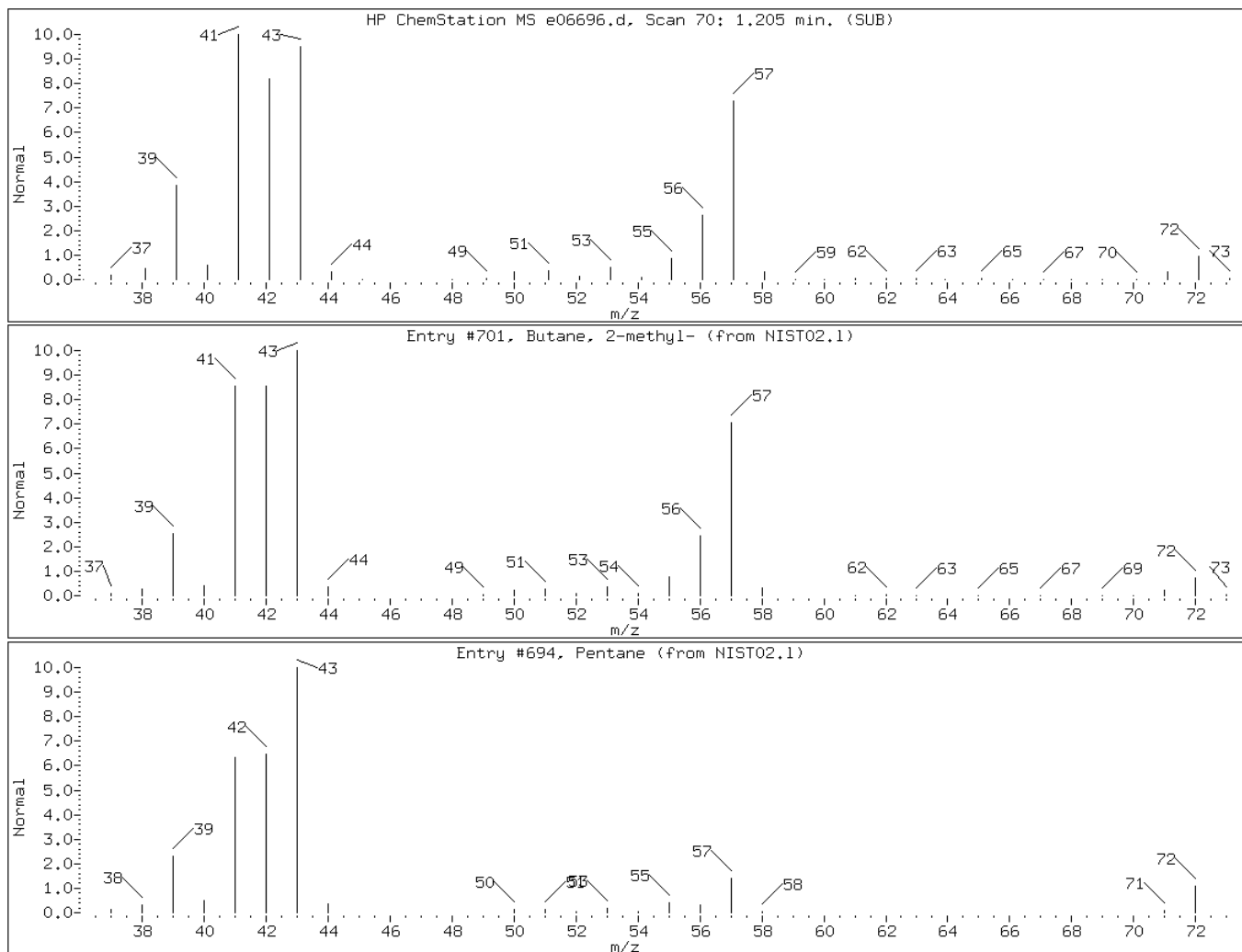
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

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: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

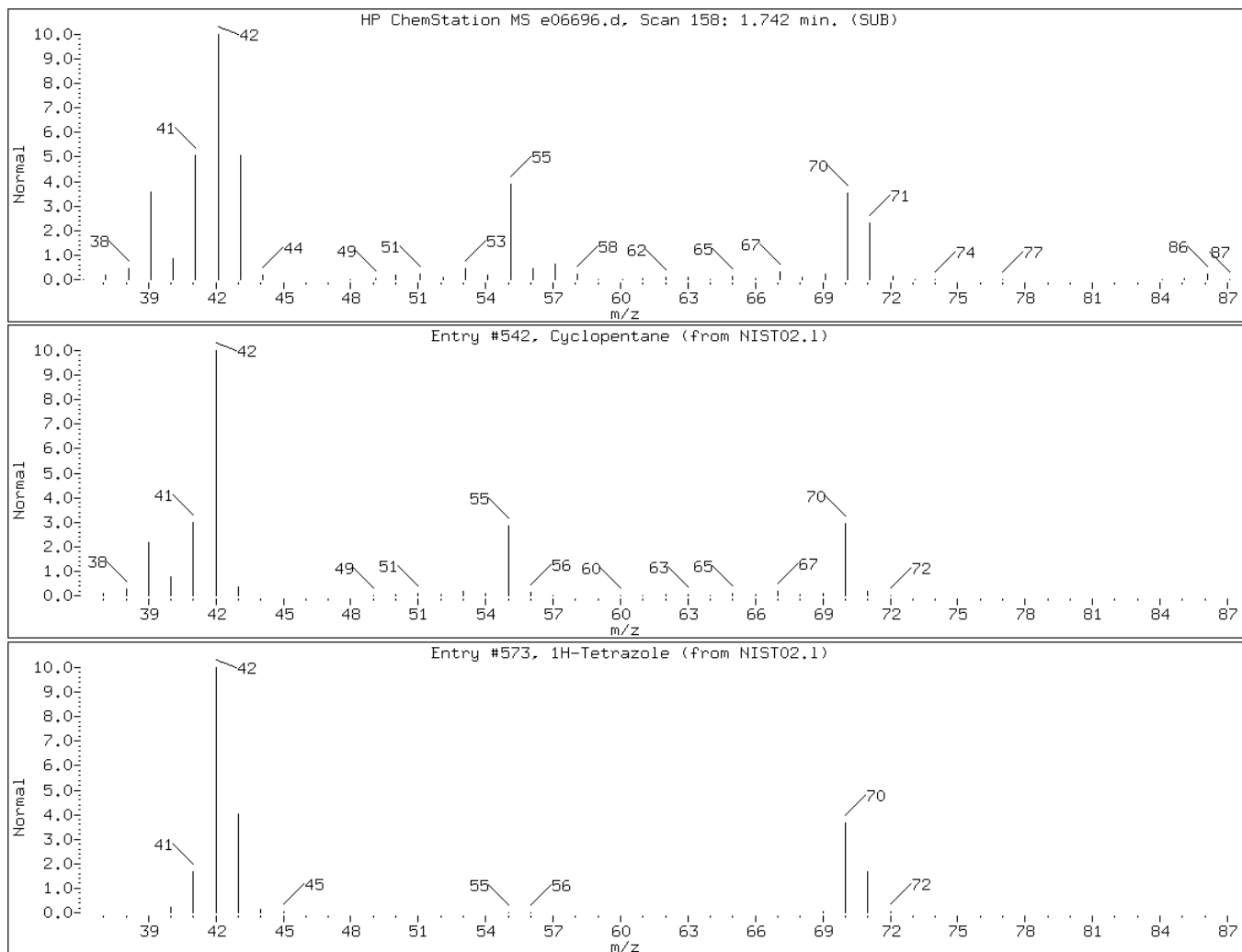
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentane	287-92-3	NIST02.1	542	59	C5H10	70
1H-Tetrazole	288-94-8	NIST02.1	573	59	CH2N4	70



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

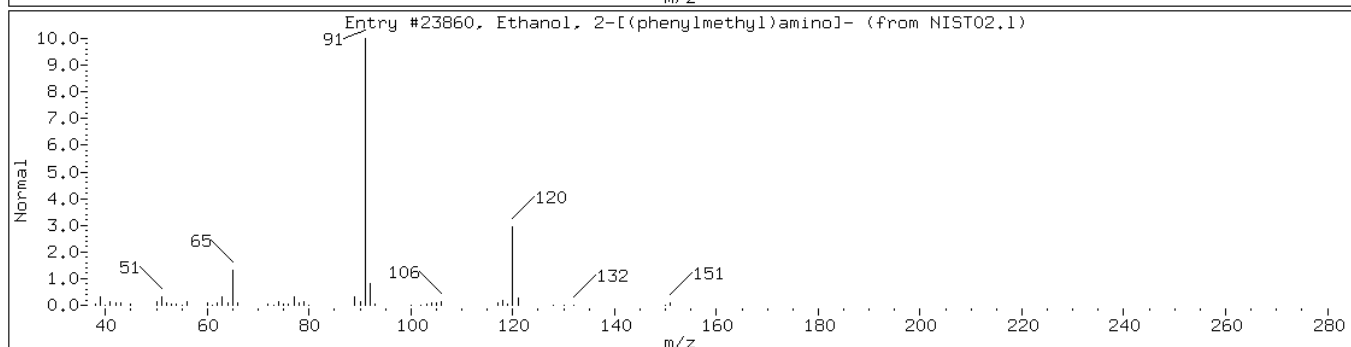
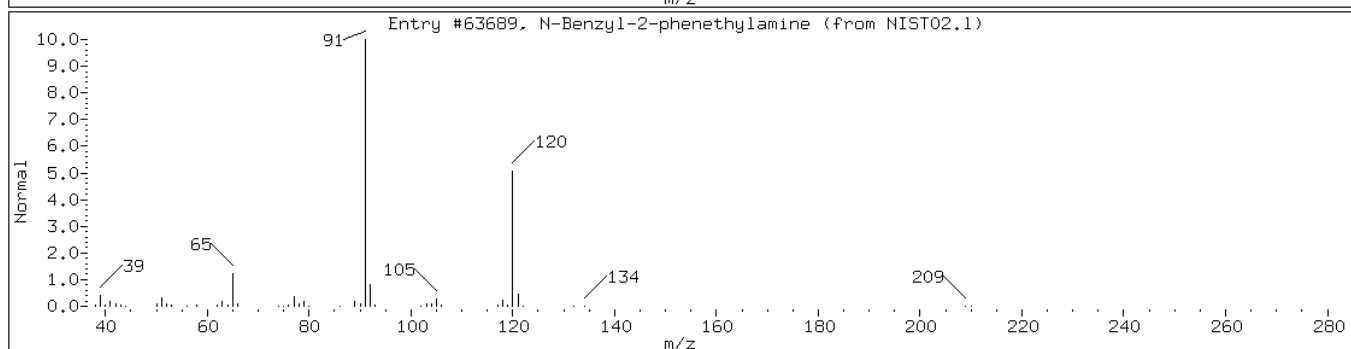
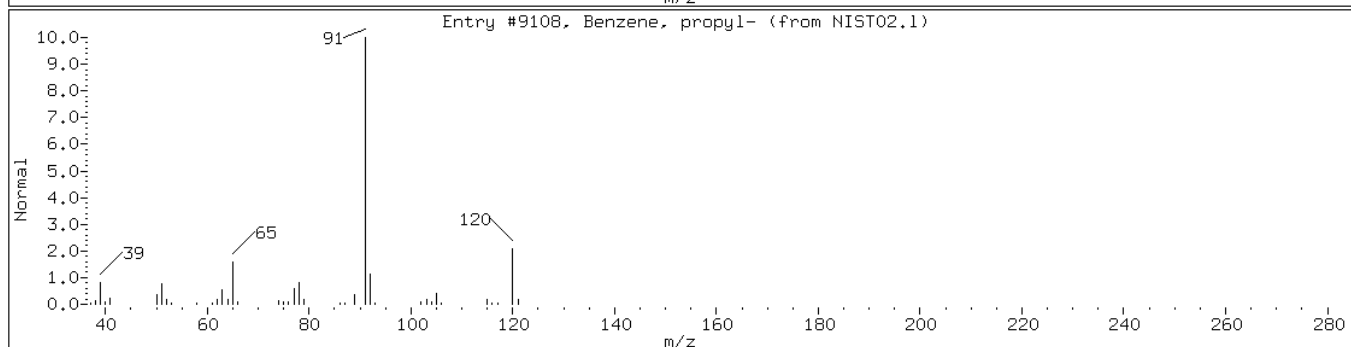
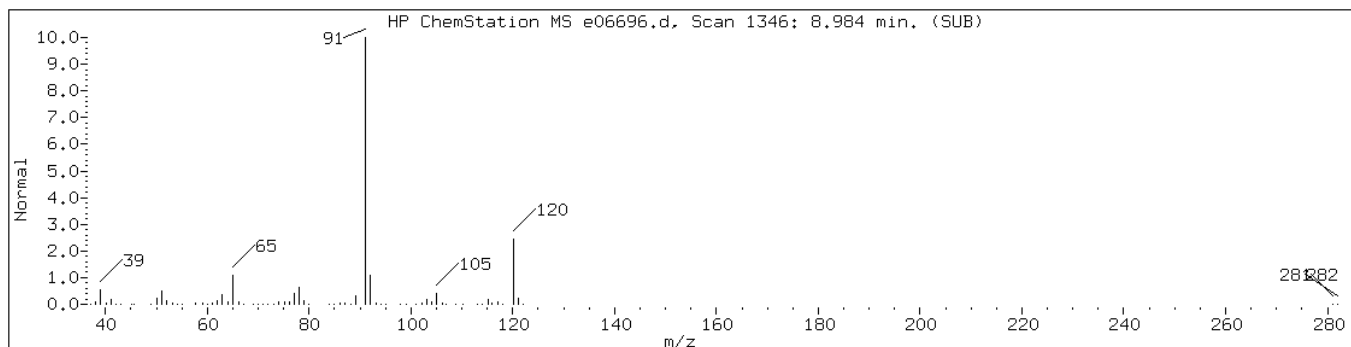
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 8.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.1	9108	94	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.1	63689	72	C15H17N	211
Ethanol, 2-[(phenylmethyl)amino]-	104-63-2	NIST02.1	23860	72	C9H13NO	151



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

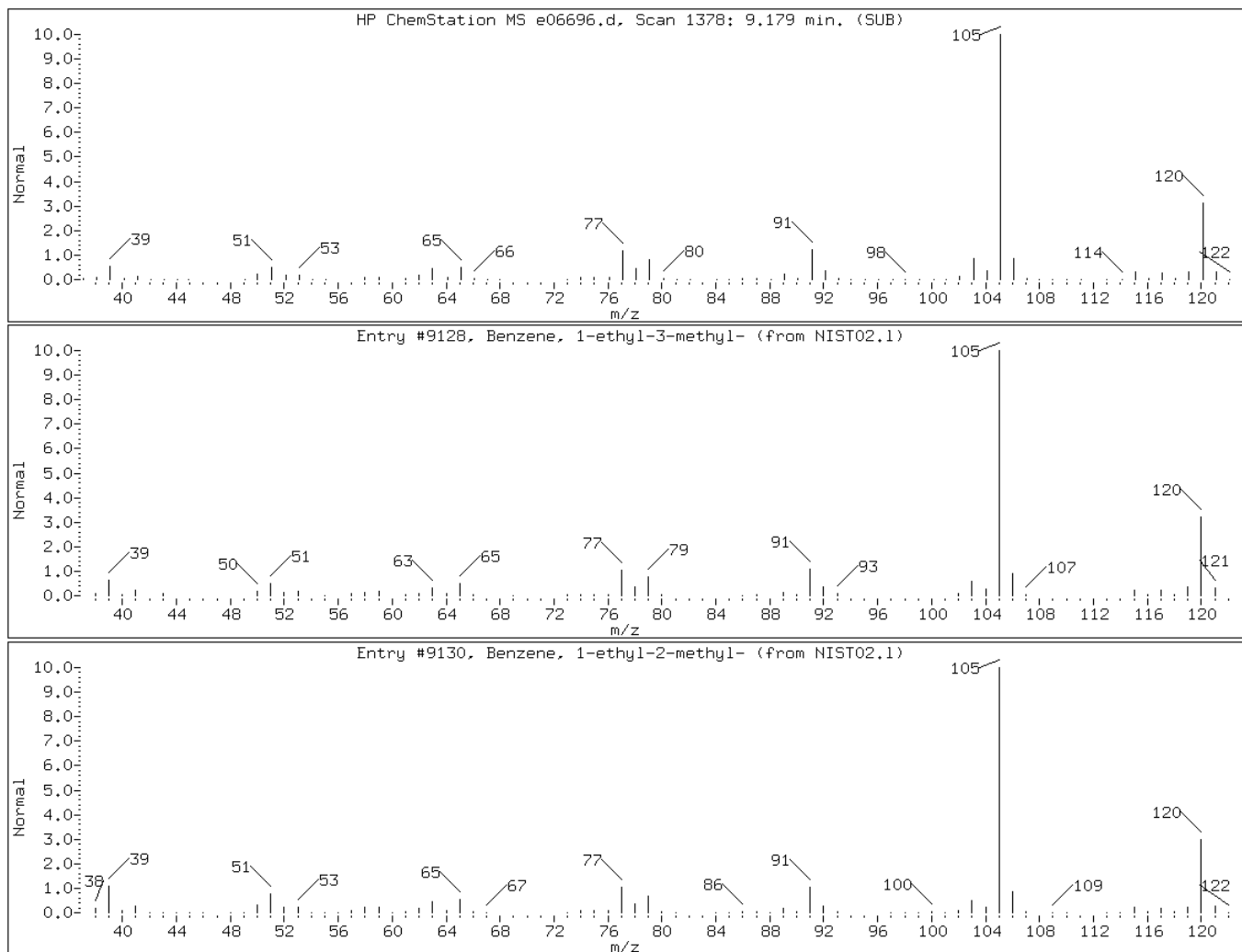
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 9.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	97	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

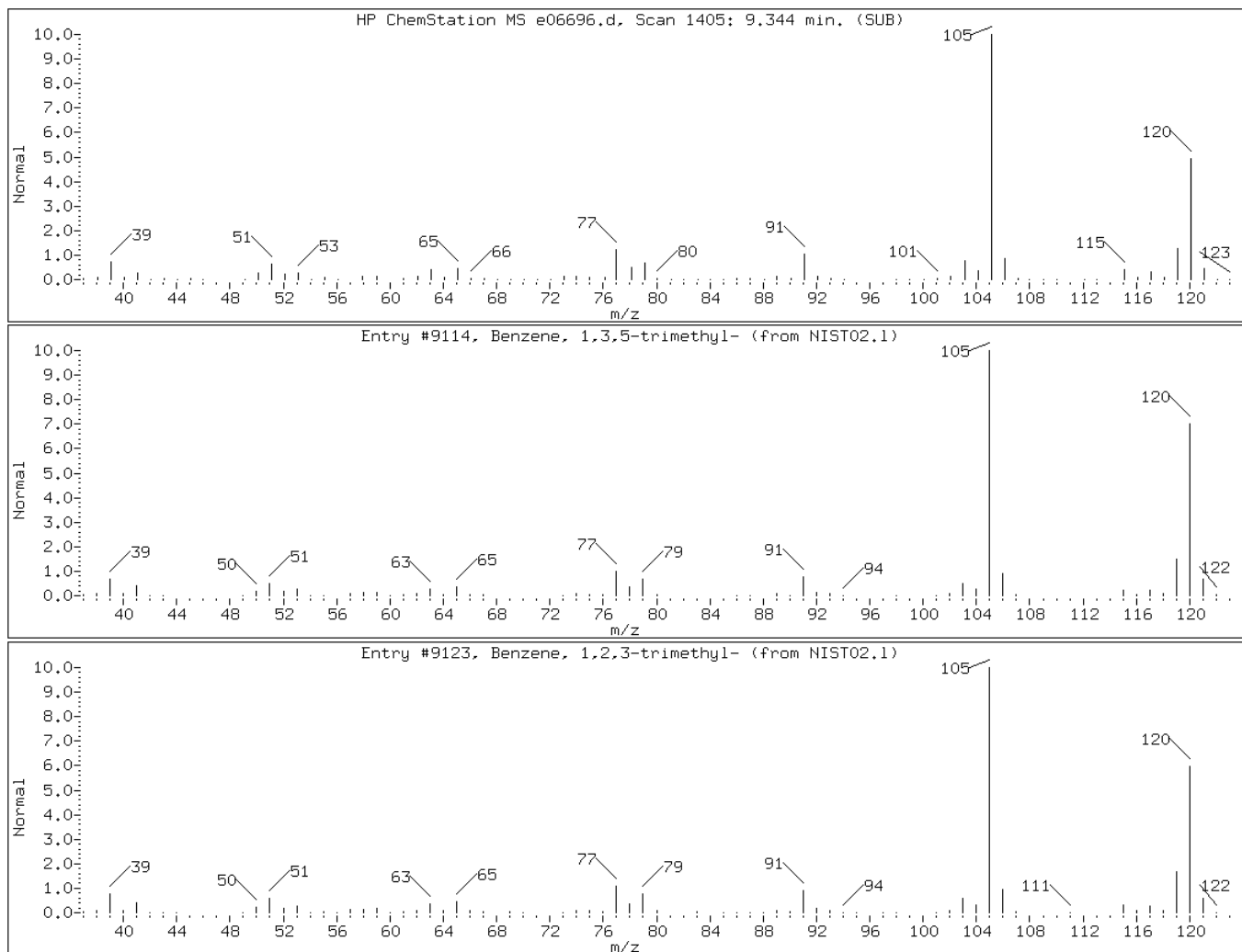
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 9.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	97	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

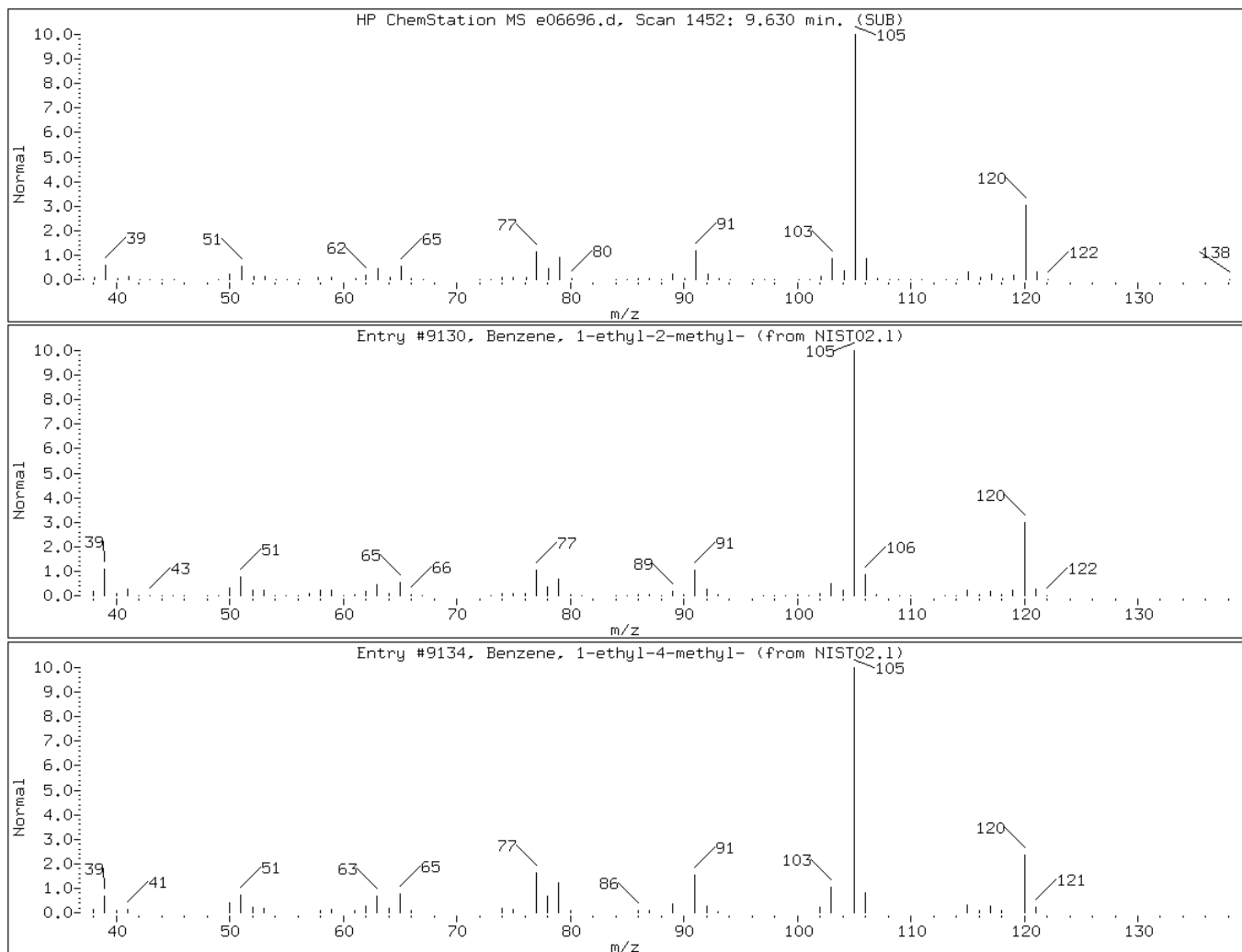
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 9.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.1	9134	93	C9H12	120



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

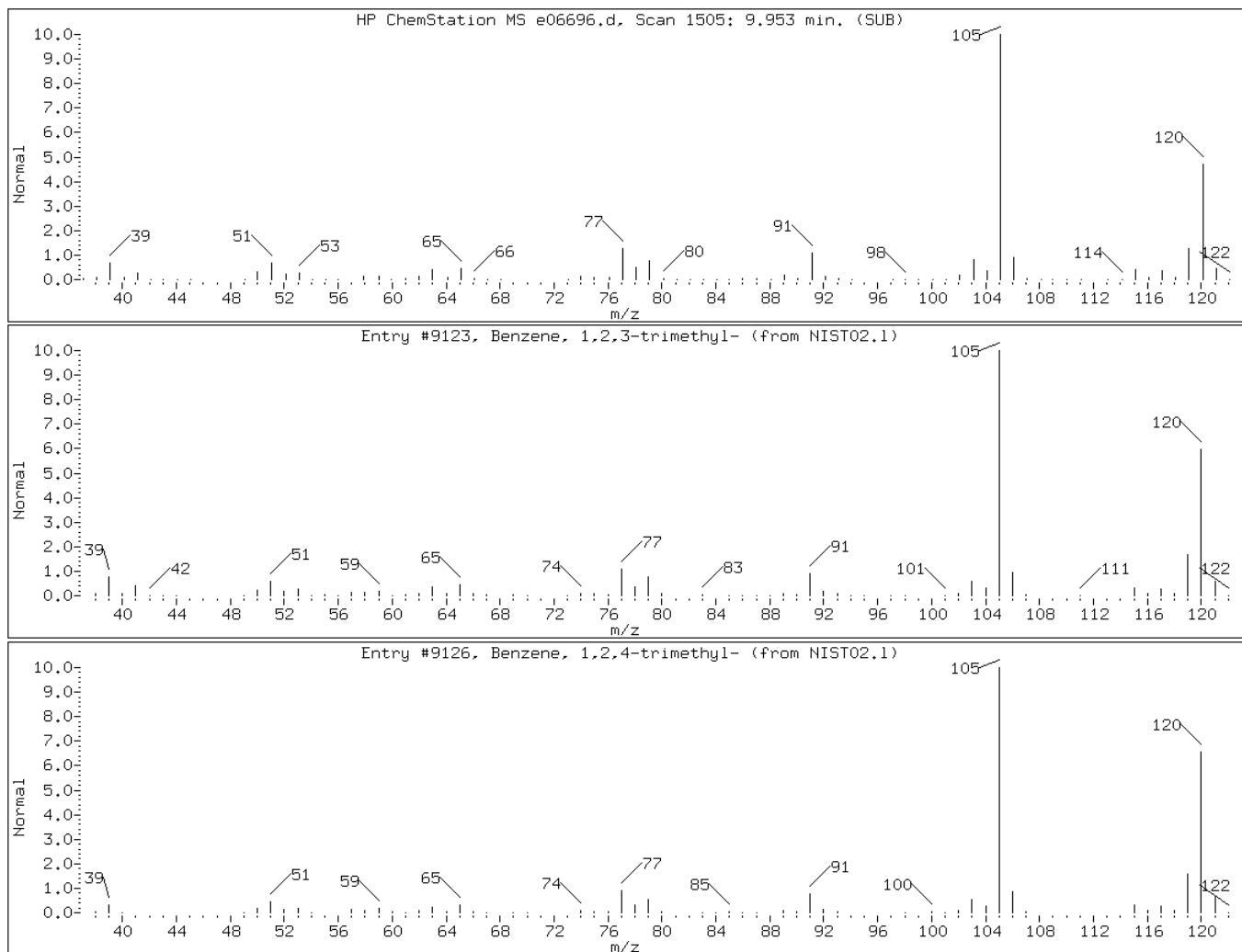
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 9.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9126	95	C9H12	120



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

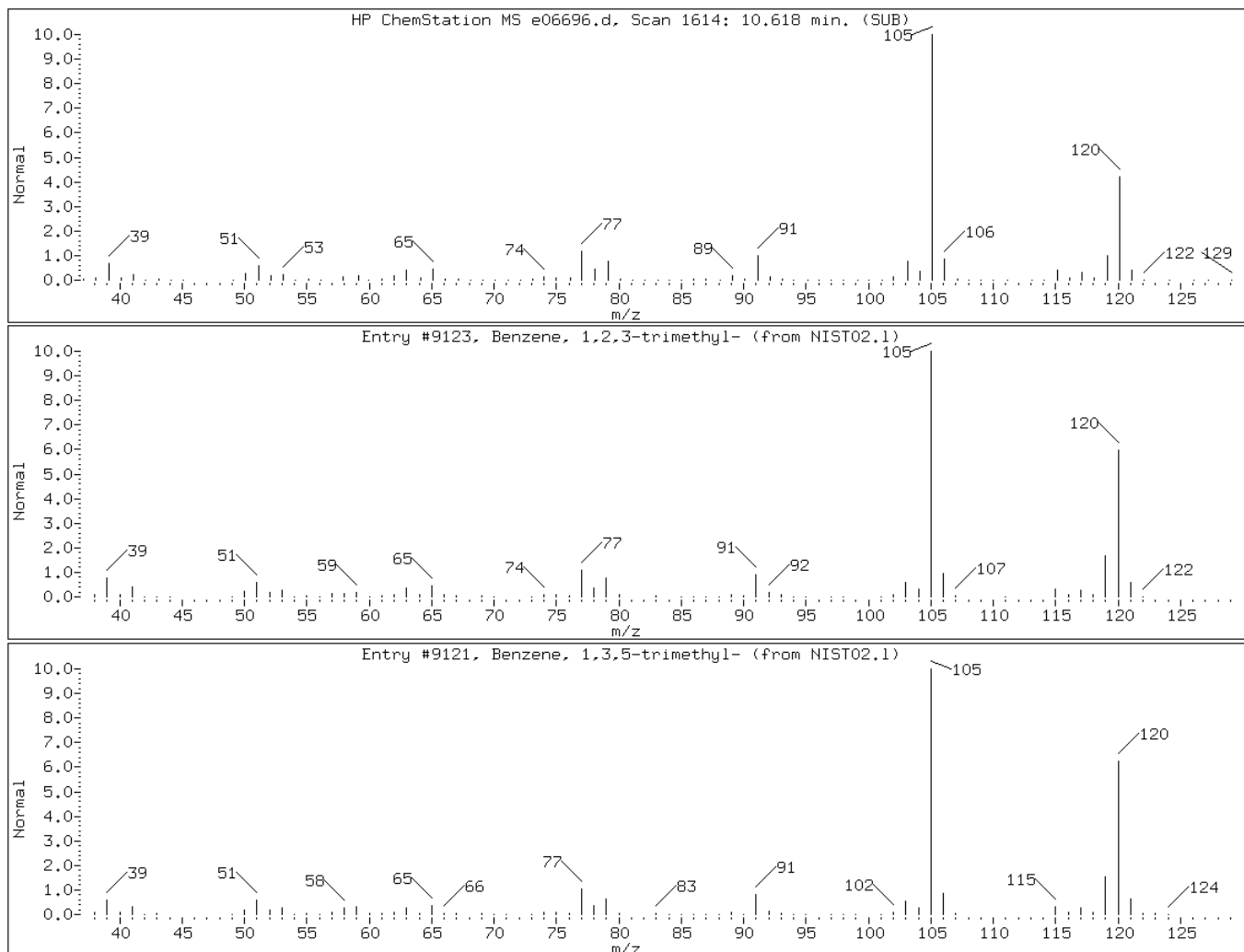
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 10.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	91	C9H12	120



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

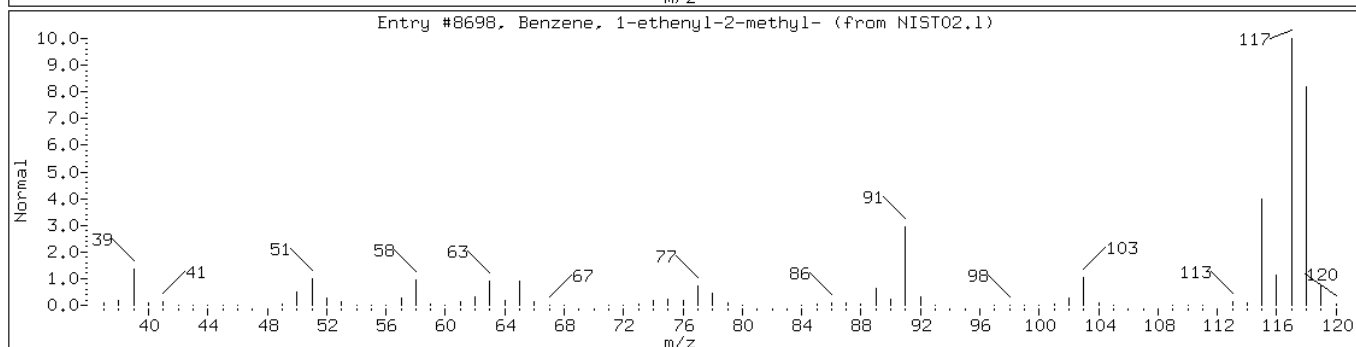
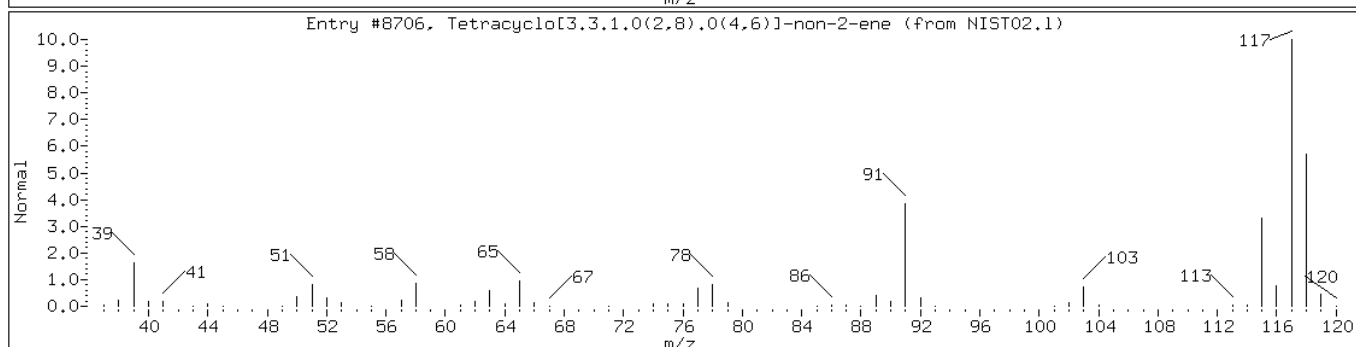
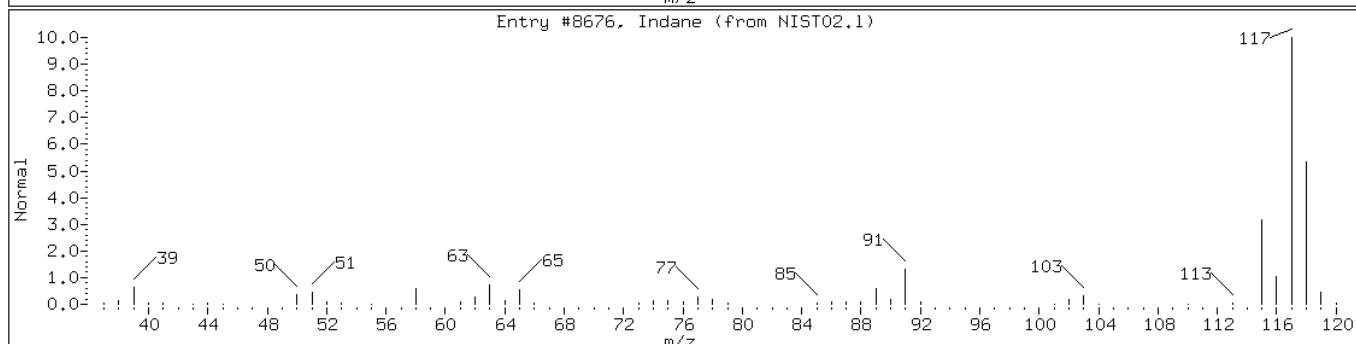
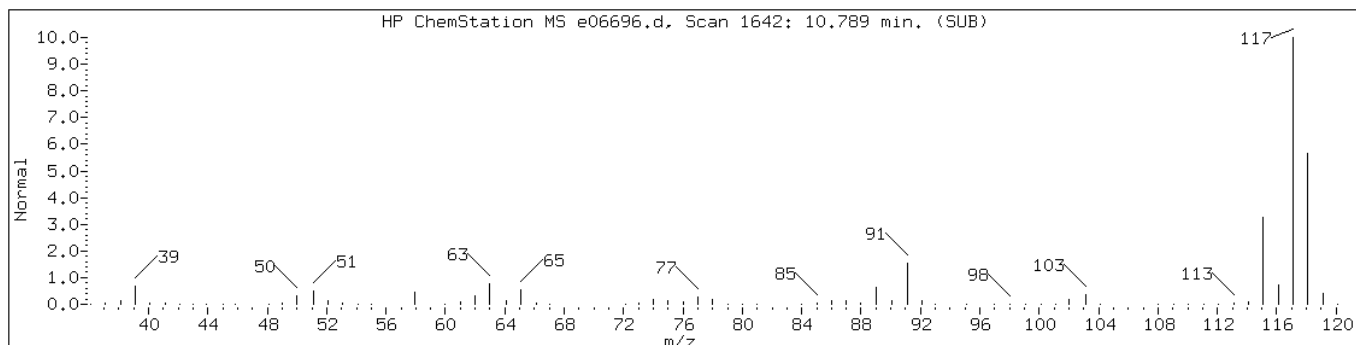
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 10.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.1	8706	80	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	74	C9H10	118



Data File: e06696.d

Date: 13-AUG-2012 15:14

Client ID: WG-17338-080812-VAS

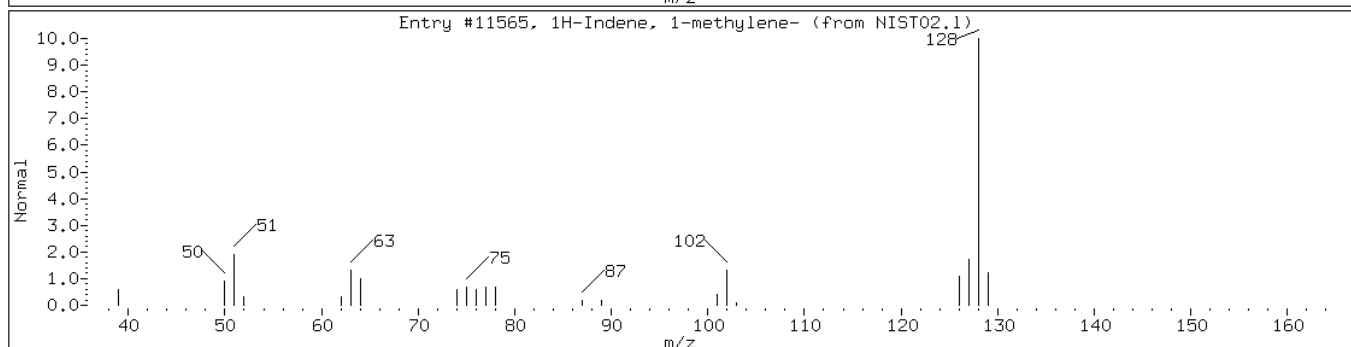
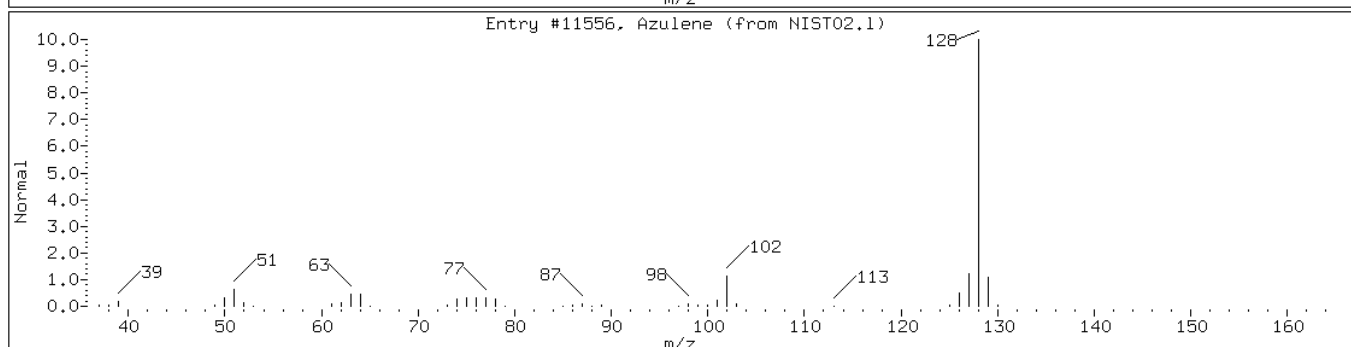
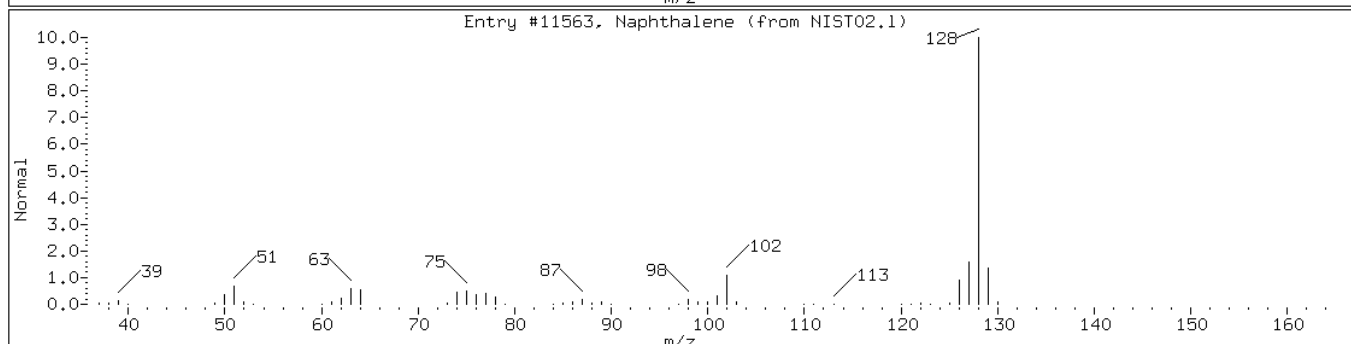
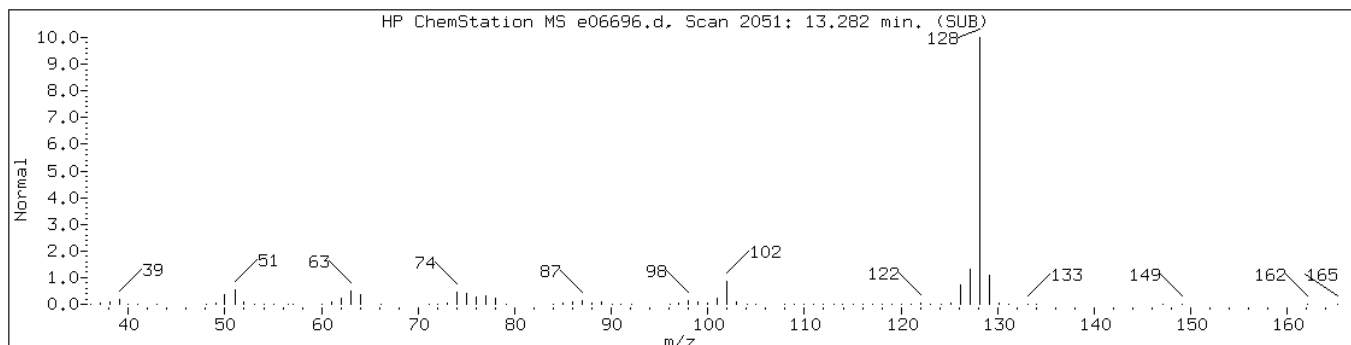
Instrument: VOAMS5.i

Sample Info: 460-43314-C-6

Operator: GC/MS VOAMS5

Retention Time: 13.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene	91-20-3	NIST02.1	11563	97	C10H8	128
Azulene	275-51-4	NIST02.1	11556	93	C10H8	128
1H-Indene, 1-methylene-	2471-84-3	NIST02.1	11565	90	C10H8	128



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM20 Lab Sample ID: 460-43314-6 DL
 Matrix: Water Lab File ID: e06573.d
 Analysis Method: 8260B Date Collected: 08/08/2012 13:40
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 17:27
 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.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	780	D	10	1.0
108-88-3	Toluene	980	D	10	1.5
1330-20-7	Xylenes, Total	3500	D	30	3.6

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06573.d
 Report Date: 11-Aug-2012 04:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06573.d
 Lab Smp Id: 460-43314-B-6 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 10-AUG-2012 17:27
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-6;10
 Misc Info : 460-43314-B-6
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 23
 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	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
38 2-Butanone		72	3.077	3.071 (0.856)		1545	2.51645	25(a)
44 Cyclohexane		56	2.784	2.778 (0.774)		175343	36.6158	370
48 Benzene		78	3.260	3.254 (0.469)		101026	7.16658	72
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.357 (0.936)		264411	53.2715	53
* 52 Fluorobenzene		96	3.595	3.595 (1.000)		853214	50.0000	
56 Methyl cyclohexane		83	3.729	3.723 (1.037)		135089	27.2325	270
\$ 65 Toluene-d8 (SUR)		98	5.107	5.107 (0.734)		816159	49.0045	49
66 Toluene		91	5.162	5.162 (0.742)		1695546	98.0219	980
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		726001	50.0000	
81 Ethylbenzene		106	7.064	7.064 (1.016)		495150	77.6402	780
82 m+p-Xylene		106	7.283	7.277 (1.047)		2039310	244.901	2400
84 o-Xylene		106	7.862	7.863 (1.131)		853602	104.655	1000
85 Styrene		104	7.942	7.942 (1.142)		16027	1.17853	12
88 Isopropylbenzene		105	8.350	8.350 (1.201)		104320	4.92658	49
\$ 89 Bromofluorobenzene (SUR)		174	8.710	8.710 (0.832)		382034	48.8496	49
* 108 1,4-Dichlorobenzene-d4		152	10.466	10.466 (1.000)		456140	50.0000	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06573.d
Report Date: 11-Aug-2012 04:31

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
M 121 Xylene (Total)	100				2892912	349.556	3500

QC Flag Legend

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

Data File: e06573.d

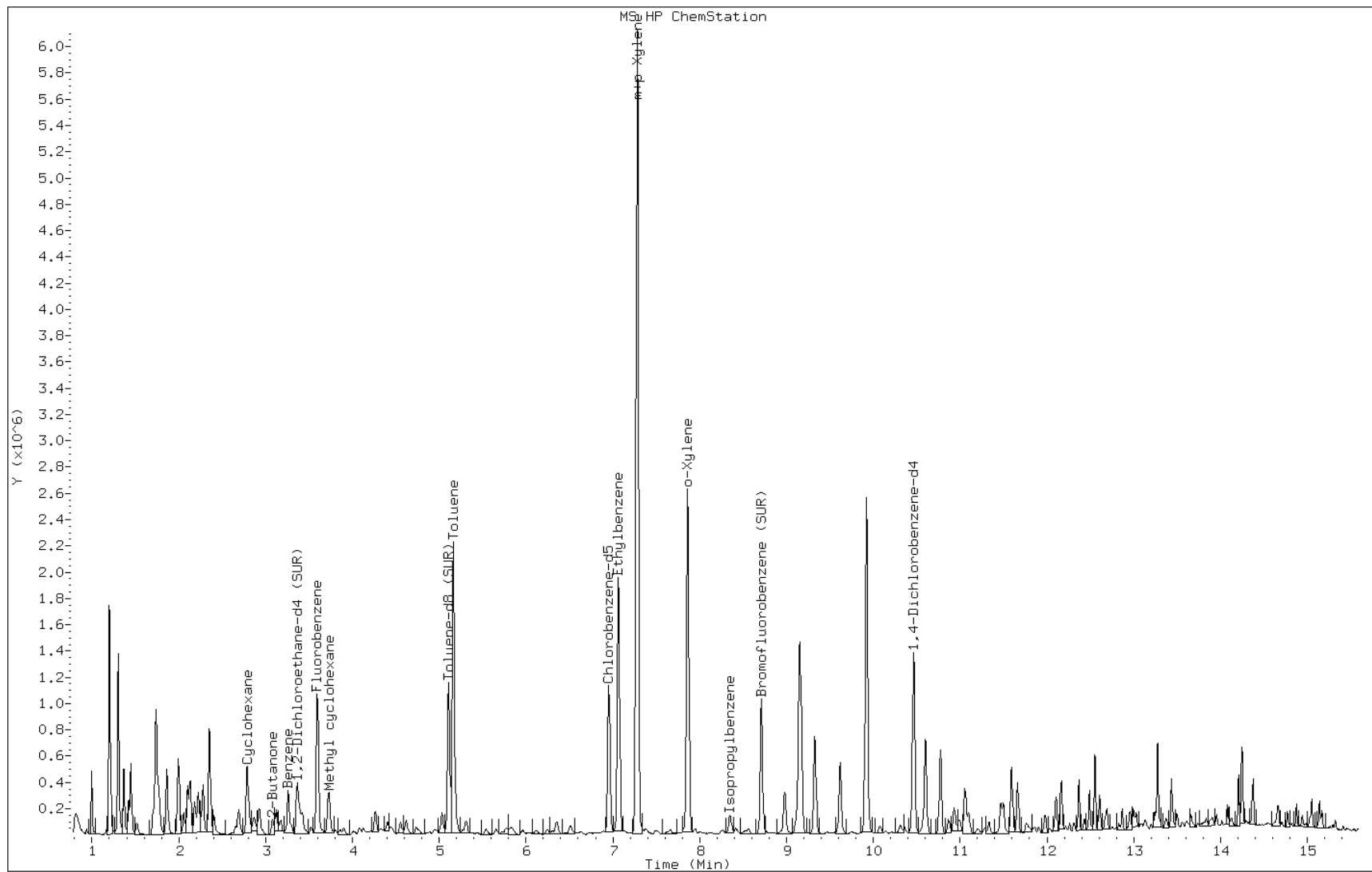
Date: 10-AUG-2012 17:27

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-6;10

Operator: GC/MS VOAMS5



Data File: e06573.d

Date: 10-AUG-2012 17:27

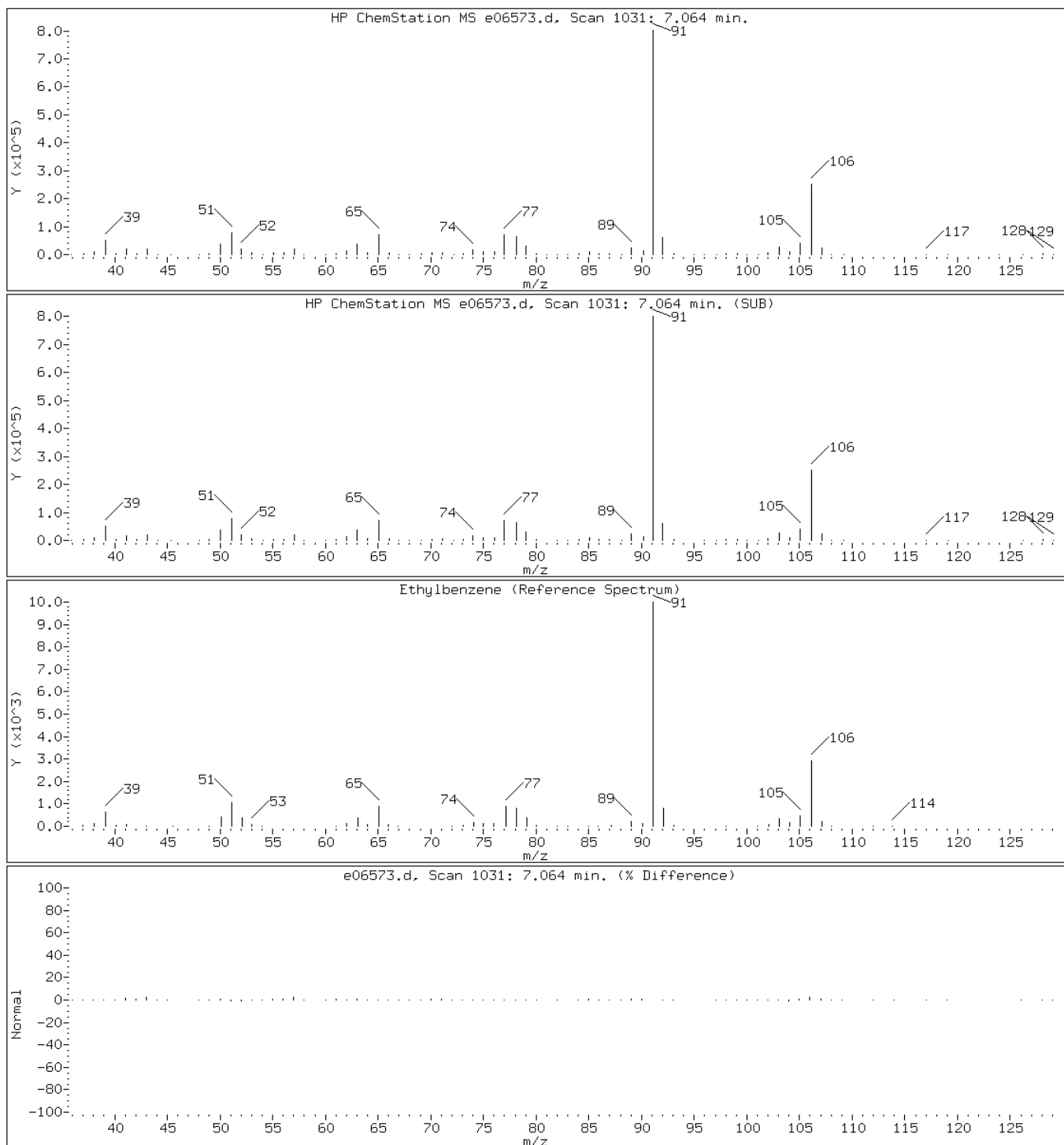
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-6;10

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06573.d

Date: 10-AUG-2012 17:27

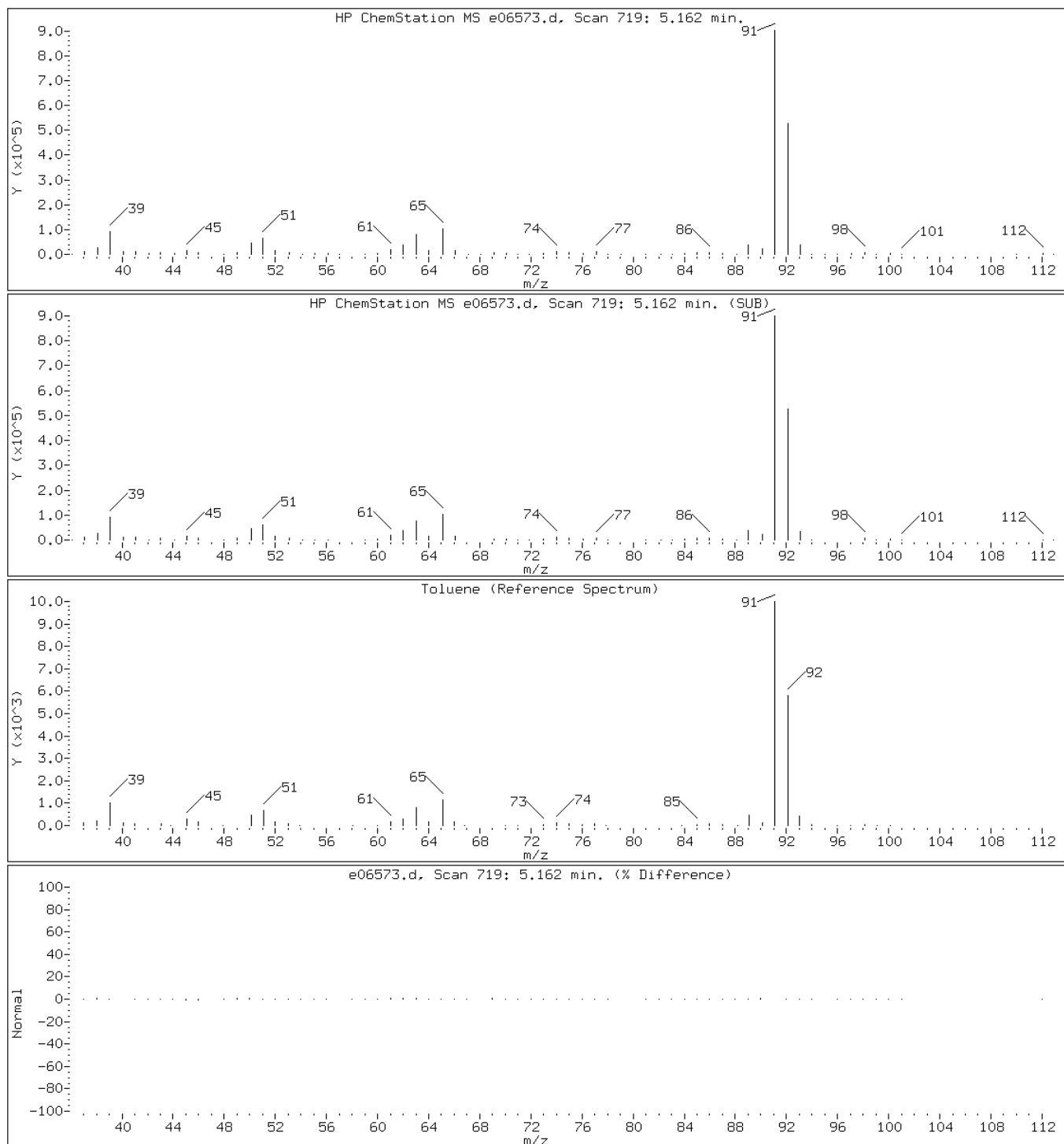
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-6;10

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06573.d

Date: 10-AUG-2012 17:27

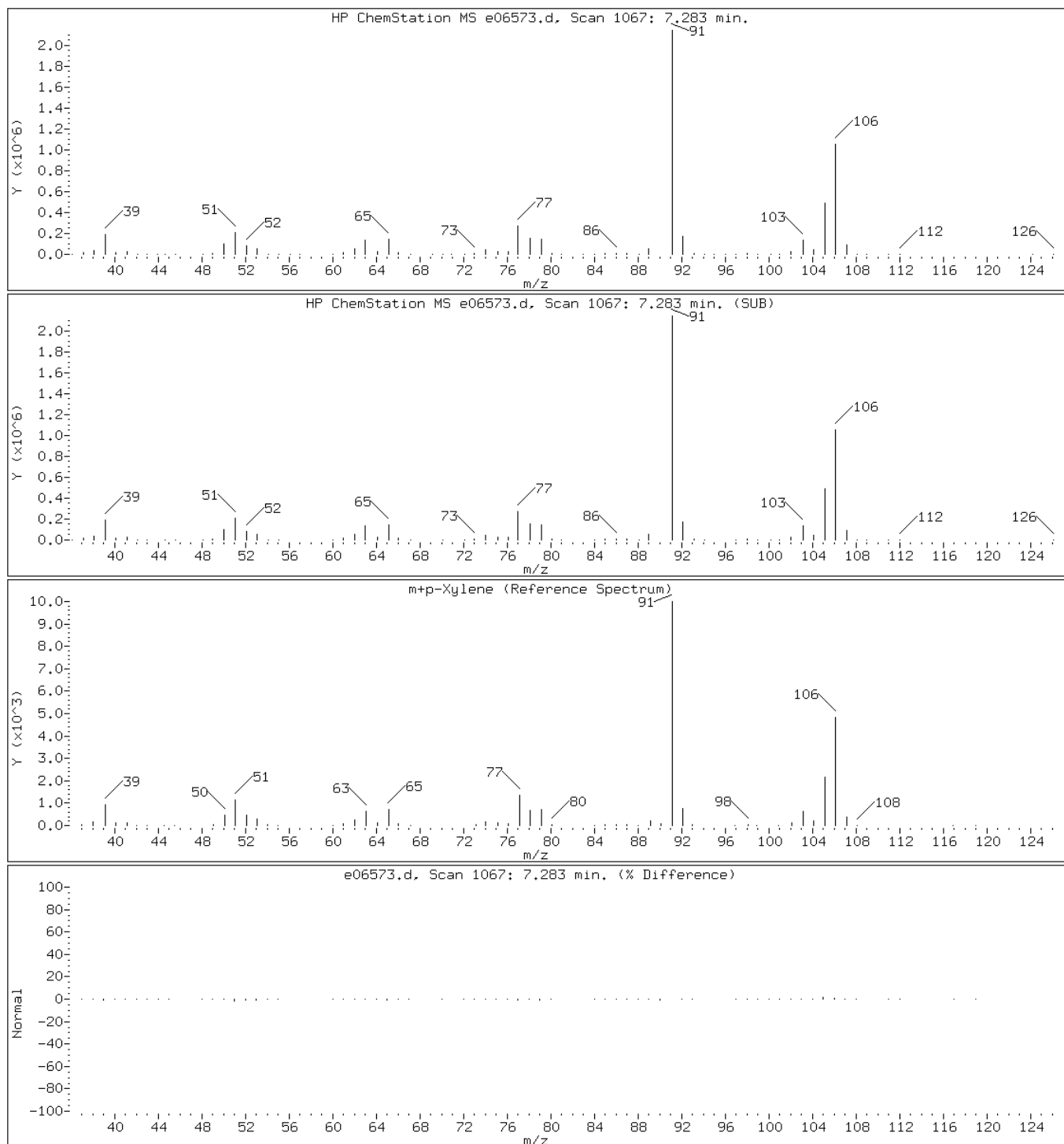
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-6;10

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06573.d

Date: 10-AUG-2012 17:27

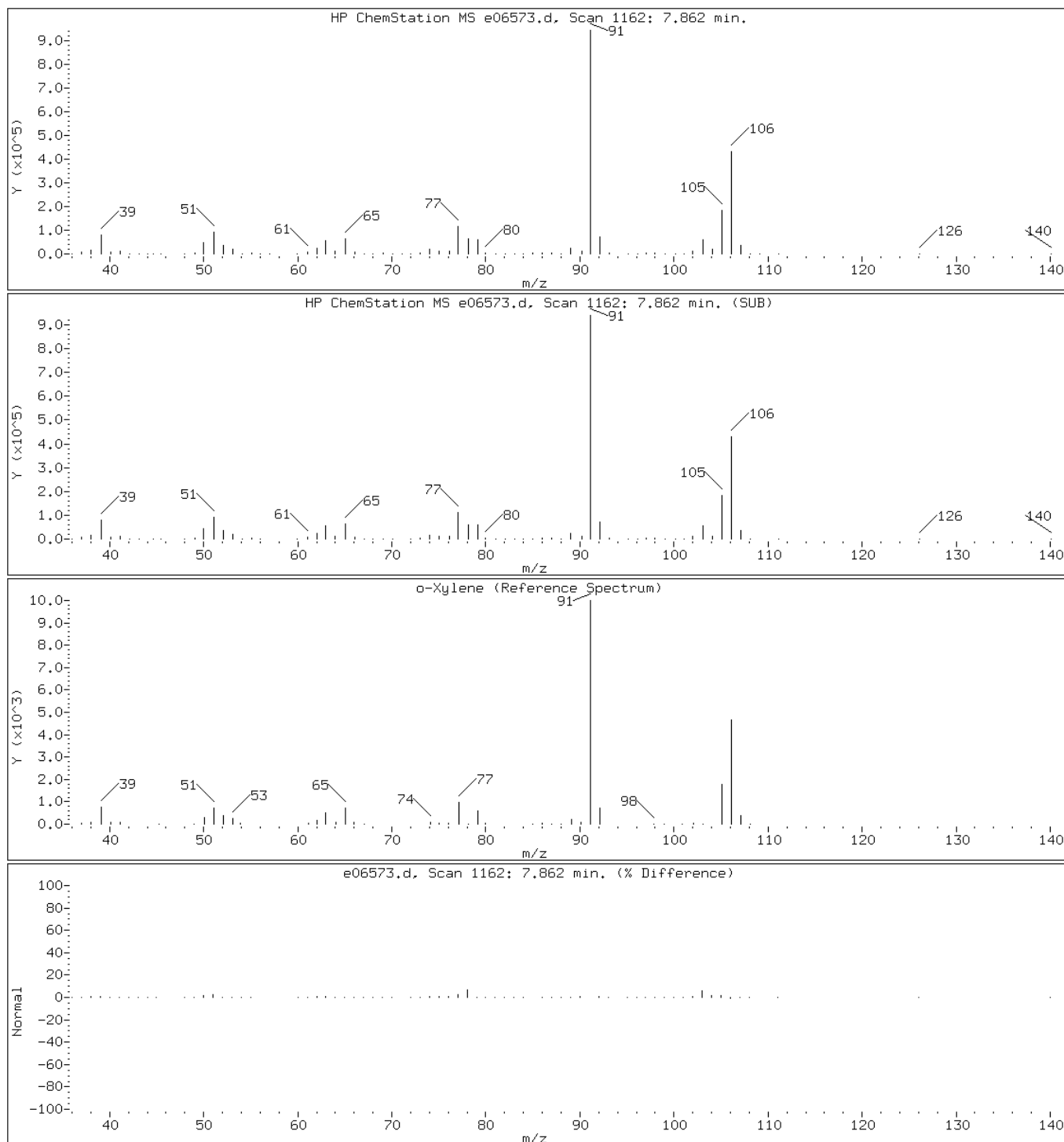
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-6;10

Operator: GC/MS VOAMS5

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-7
 Matrix: Water Lab File ID: e06695.d
 Analysis Method: 8260B Date Collected: 08/08/2012 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:51
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.30	U	5.0	0.30
75-71-8	Dichlorodifluoromethane	1.1	U	5.0	1.1
74-87-3	Chloromethane	0.50	U	5.0	0.50
75-01-4	Vinyl chloride	0.70	U	5.0	0.70
74-83-9	Bromomethane	0.90	U	5.0	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	5.0	2.0
95-50-1	1,2-Dichlorobenzene	1.1	U	5.0	1.1
75-69-4	Trichlorofluoromethane	0.75	U	5.0	0.75
75-35-4	1,1-Dichloroethene	0.45	U	5.0	0.45
78-87-5	1,2-Dichloropropane	0.45	U	5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	5.0	0.40
67-64-1	Acetone	13	U	25	13
75-15-0	Carbon disulfide	0.65	U	5.0	0.65
79-20-9	Methyl acetate	1.7	U	10	1.7
75-09-2	Methylene Chloride	0.90	U	5.0	0.90
156-60-5	trans-1,2-Dichloroethene	0.65	U	5.0	0.65
124-48-1	Chlorodibromomethane	1.0	U	5.0	1.0
1634-04-4	Methyl tert-butyl ether	0.70	U	5.0	0.70
75-00-3	Chloroethane	0.85	U	5.0	0.85
75-34-3	1,1-Dichloroethane	0.65	U	5.0	0.65
156-59-2	cis-1,2-Dichloroethene	0.90	U	5.0	0.90
78-93-3	2-Butanone (MEK)	43		25	12
67-66-3	Chloroform	0.40	U	5.0	0.40
100-41-4	Ethylbenzene	3800	E	5.0	0.50
110-82-7	Cyclohexane	630		5.0	0.80
56-23-5	Carbon tetrachloride	0.30	U	5.0	0.30
71-43-2	Benzene	220		5.0	0.40
107-06-2	1,2-Dichloroethane	0.95	U	5.0	0.95
79-01-6	Trichloroethene	0.45	U	5.0	0.45
108-87-2	Methylcyclohexane	340		5.0	0.70
75-27-4	Dichlorobromomethane	0.60	U	5.0	0.60
10061-01-5	cis-1,3-Dichloropropene	0.90	U	5.0	0.90
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	25	5.0
108-88-3	Toluene	7600	E	5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.0	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-7
 Matrix: Water Lab File ID: e06695.d
 Analysis Method: 8260B Date Collected: 08/08/2012 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:51
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.95	U	5.0	0.95
127-18-4	Tetrachloroethene	0.50	U	5.0	0.50
591-78-6	2-Hexanone	2.5	U	25	2.5
106-93-4	1,2-Dibromoethane	1.4	U	5.0	1.4
108-90-7	Chlorobenzene	0.55	U	5.0	0.55
1330-20-7	Xylenes, Total	19000	E	15	1.8
100-42-5	Styrene	72		5.0	0.60
75-25-2	Bromoform	0.95	U	5.0	0.95
98-82-8	Isopropylbenzene	130		5.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	5.0	0.80
541-73-1	1,3-Dichlorobenzene	0.70	U	5.0	0.70
106-46-7	1,4-Dichlorobenzene	1.2	U	5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	1.7	U	5.0	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
460-00-4	4-Bromofluorobenzene	104		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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-7
Matrix: Water Lab File ID: e06695.d
Analysis Method: 8260B Date Collected: 08/08/2012 14:00
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 14:51
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 12200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
106-97-8	Butane	1.00	650	J N
	C5H12 Alkane	1.21	1200	J
109-66-0	Pentane	1.31	1100	J N
	C5H10 Alkene	1.46	870	J
	C6H14 Alkane	1.74	710	J
	Ethylmethylbenzene isomer	9.17	2200	J
	Trimethylbenzene isomer	9.34	820	J
	Trimethylbenzene isomer-1	9.95	3000	J
	Trimethylbenzene isomer-2	10.61	860	J
496-11-7	Indane	10.78	790	J N

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06695.d
 Report Date: 13-Aug-2012 15:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06695.d
 Lab Smp Id: 460-43314-C-7 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 14:51
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-7;5
 Misc Info : 460-43314-C-7
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 27
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.853)	4758	8.59564	43
44 Cyclohexane	56	2.790	2.778	(0.775)	708642	125.059	620
48 Benzene	78	3.260	3.254	(0.468)	510854	43.2457	220
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.934)	253550	51.0870	51
* 52 Fluorobenzene	96	3.601	3.595	(1.000)	828767	50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.036)	406736	68.7997	340
\$ 65 Toluene-d8 (SUR)	98	5.113	5.107	(0.735)	758294	48.7984	49
66 Toluene	91	5.180	5.162	(0.744)	22458136	1521.63	7600(A)
* 78 Chlorobenzene-d5	117	6.960	6.954	(1.000)	684989	50.0000	
81 Ethylbenzene	106	7.088	7.064	(1.018)	4326373	758.110	3800(A)
82 m+p-Xylene	106	7.332	7.277	(1.053)	18421693	2566.31	13000(A)
84 o-Xylene	106	7.899	7.862	(1.135)	8756823	1217.58	6100(A)
85 Styrene	104	7.954	7.942	(1.143)	177603	14.3363	72
88 Isopropylbenzene	105	8.350	8.350	(1.200)	512102	26.1091	130
\$ 89 Bromofluorobenzene (SUR)	174	8.716	8.710	(0.832)	374642	52.0597	52
* 108 1,4-Dichlorobenzene-d4	152	10.472	10.466	(1.000)	418141	50.0000	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06695.d
 Report Date: 13-Aug-2012 15:09

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
M 121 Xylene (Total)	100				27178516	3783.89	19000

QC Flag Legend

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

Data File: e06695.d

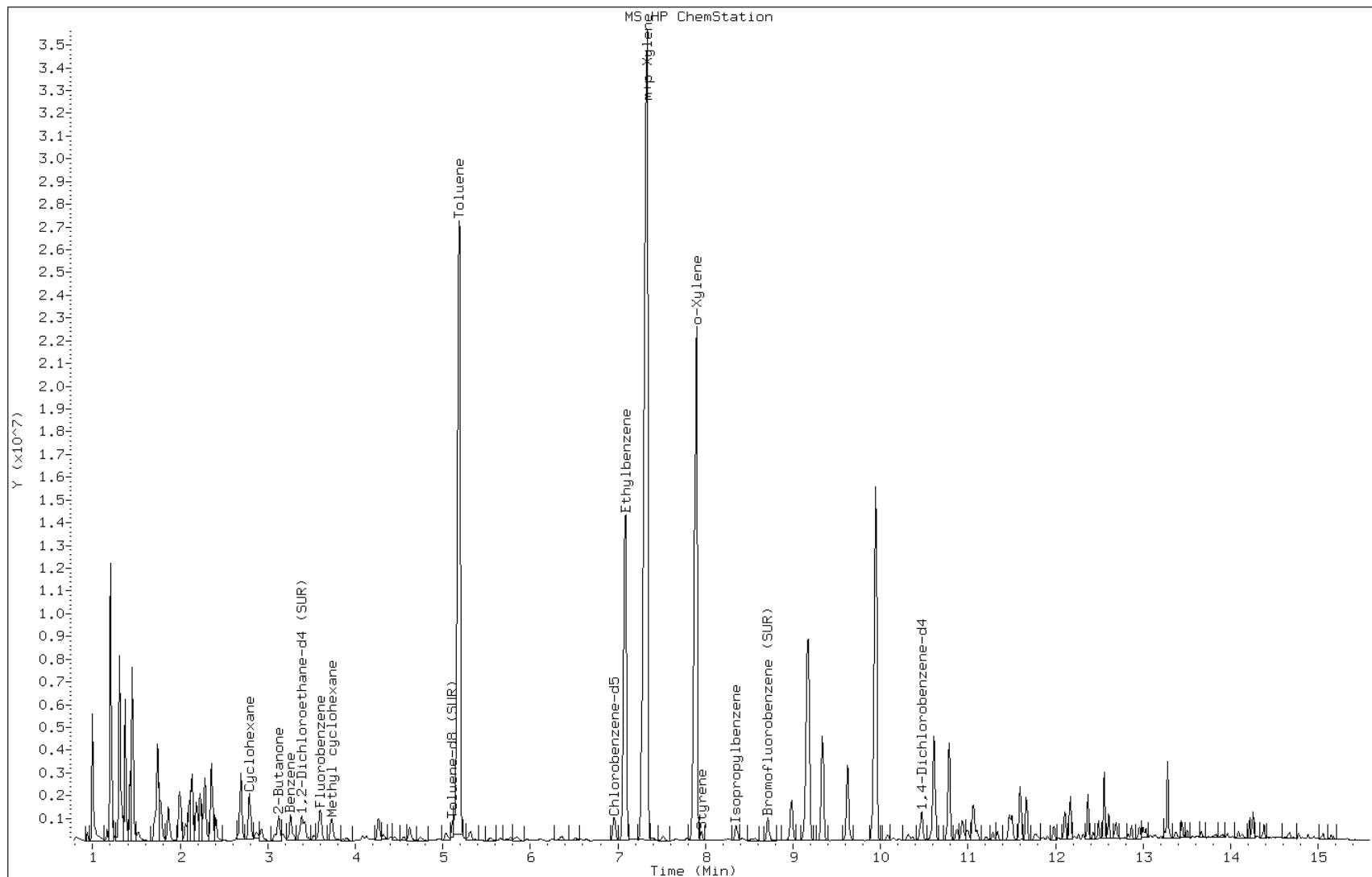
Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5



Data File: e06695.d

Date: 13-AUG-2012 14:51

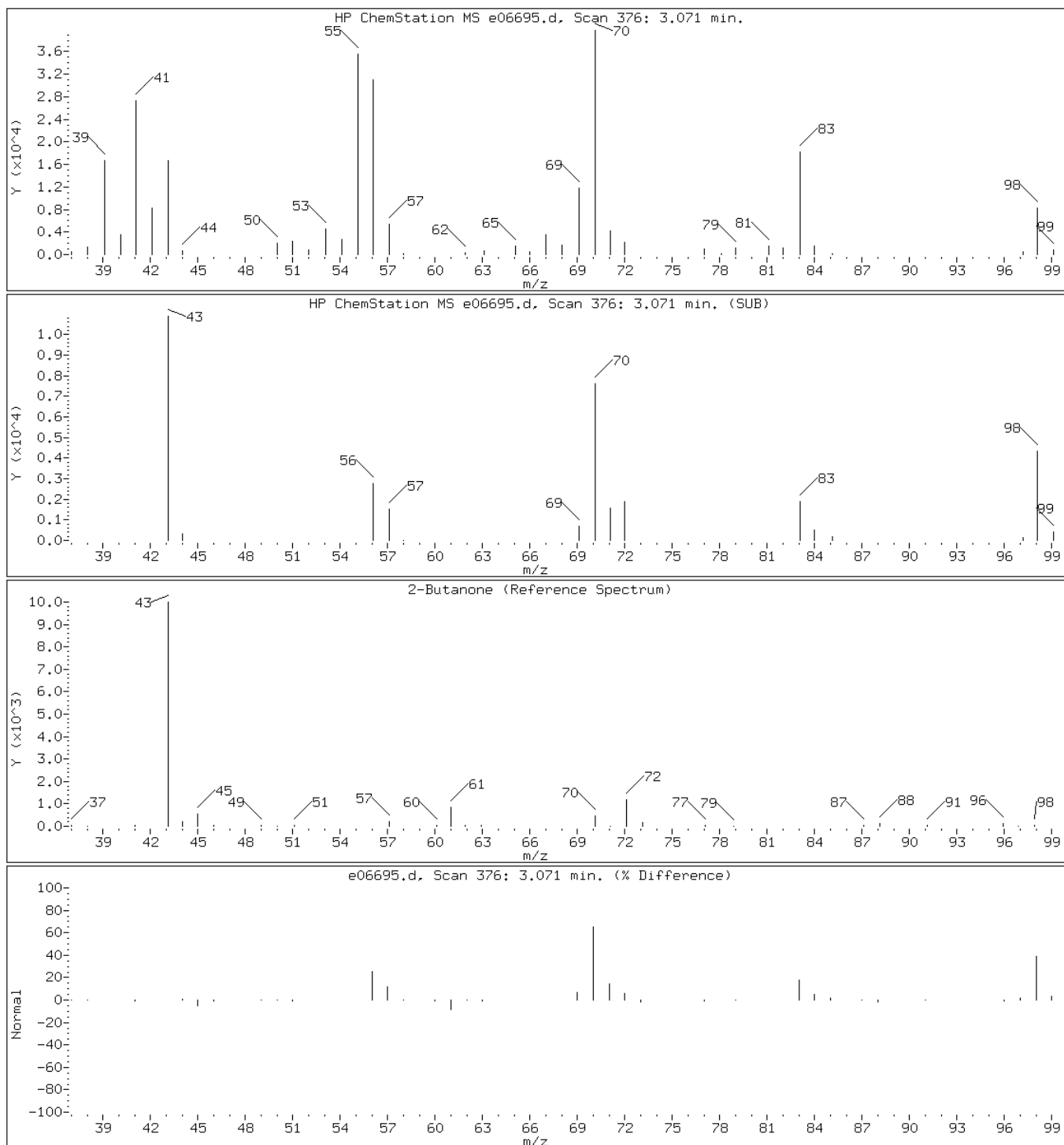
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06695.d

Date: 13-AUG-2012 14:51

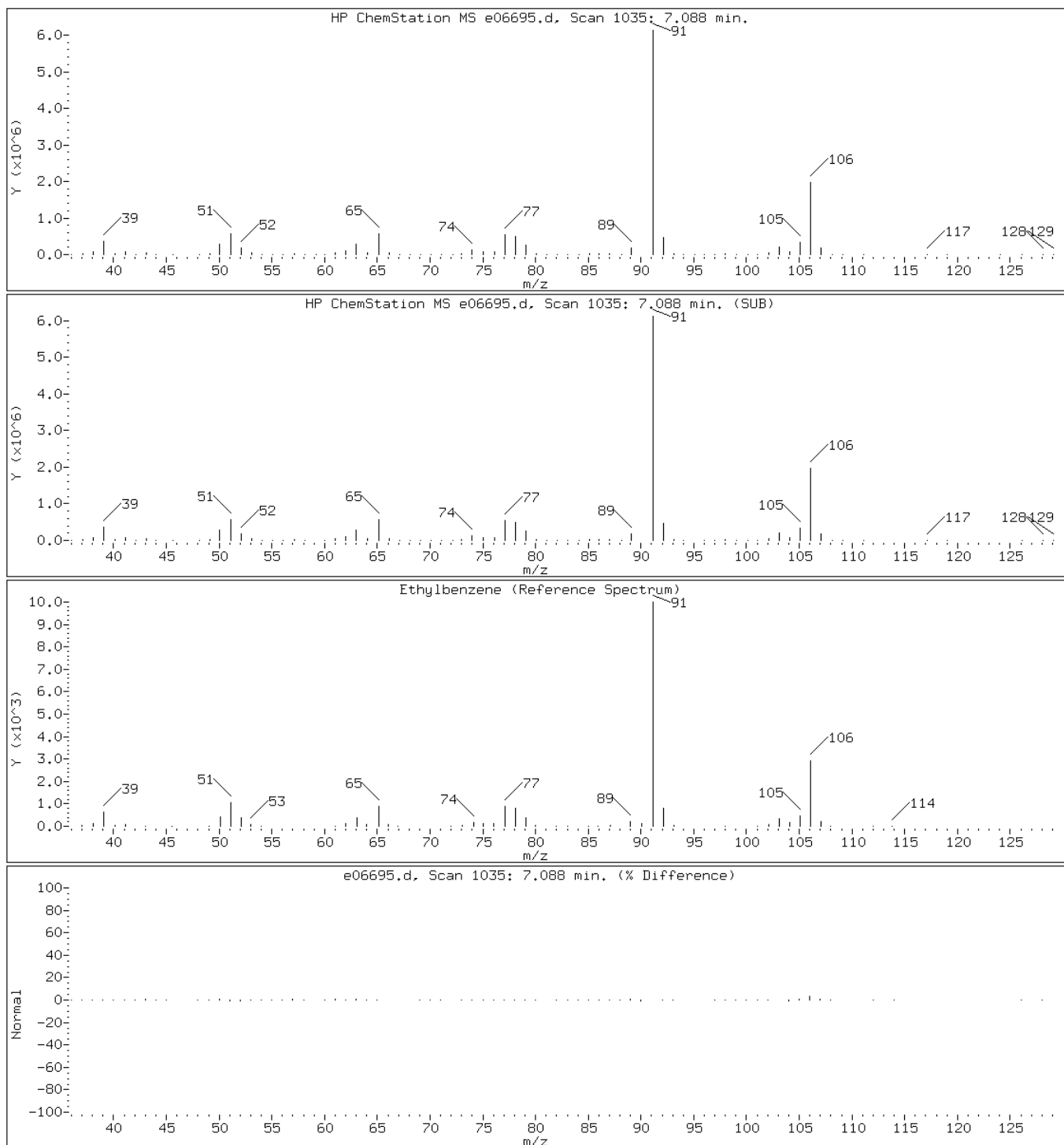
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06695.d

Date: 13-AUG-2012 14:51

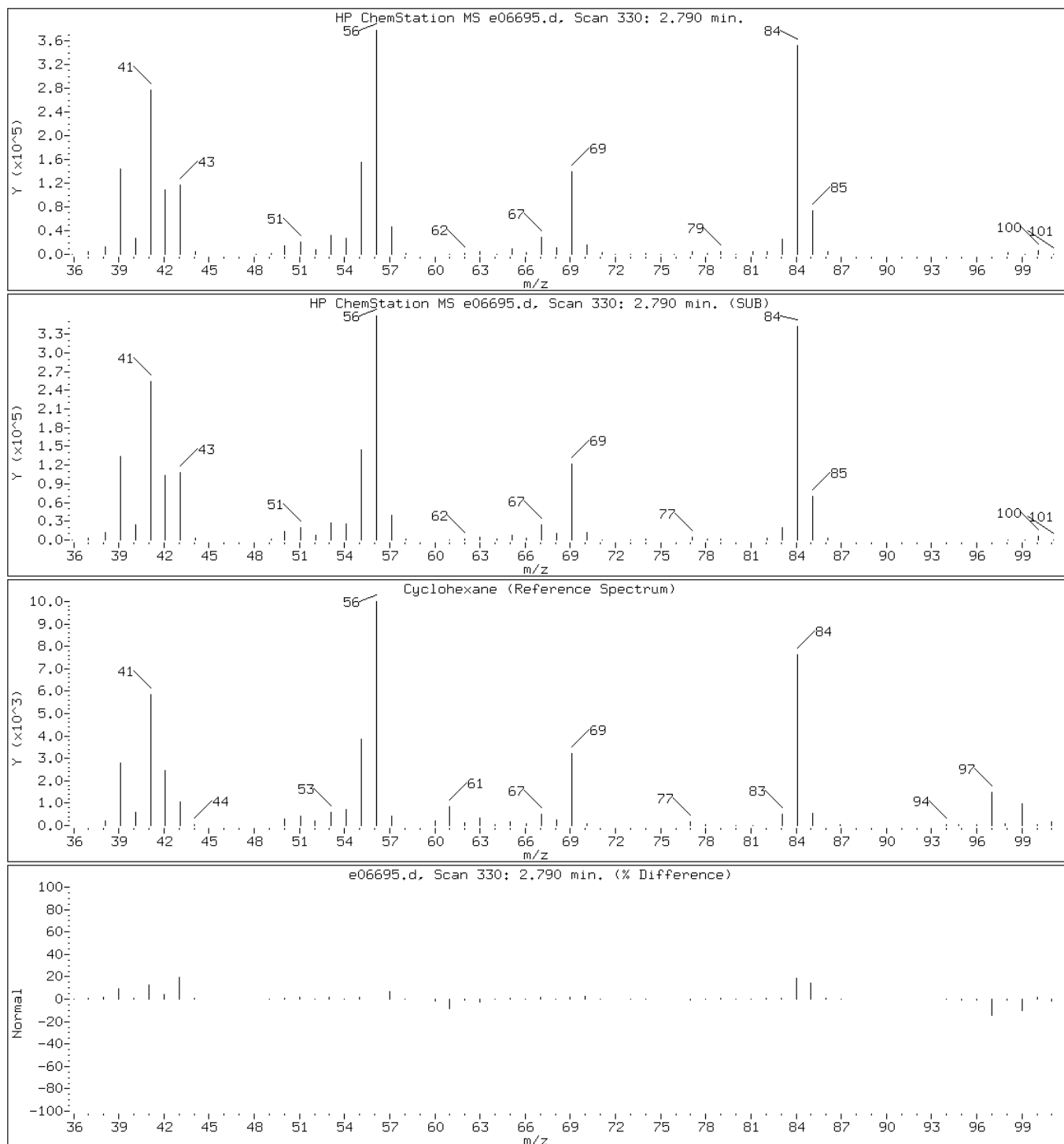
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06695.d

Date: 13-AUG-2012 14:51

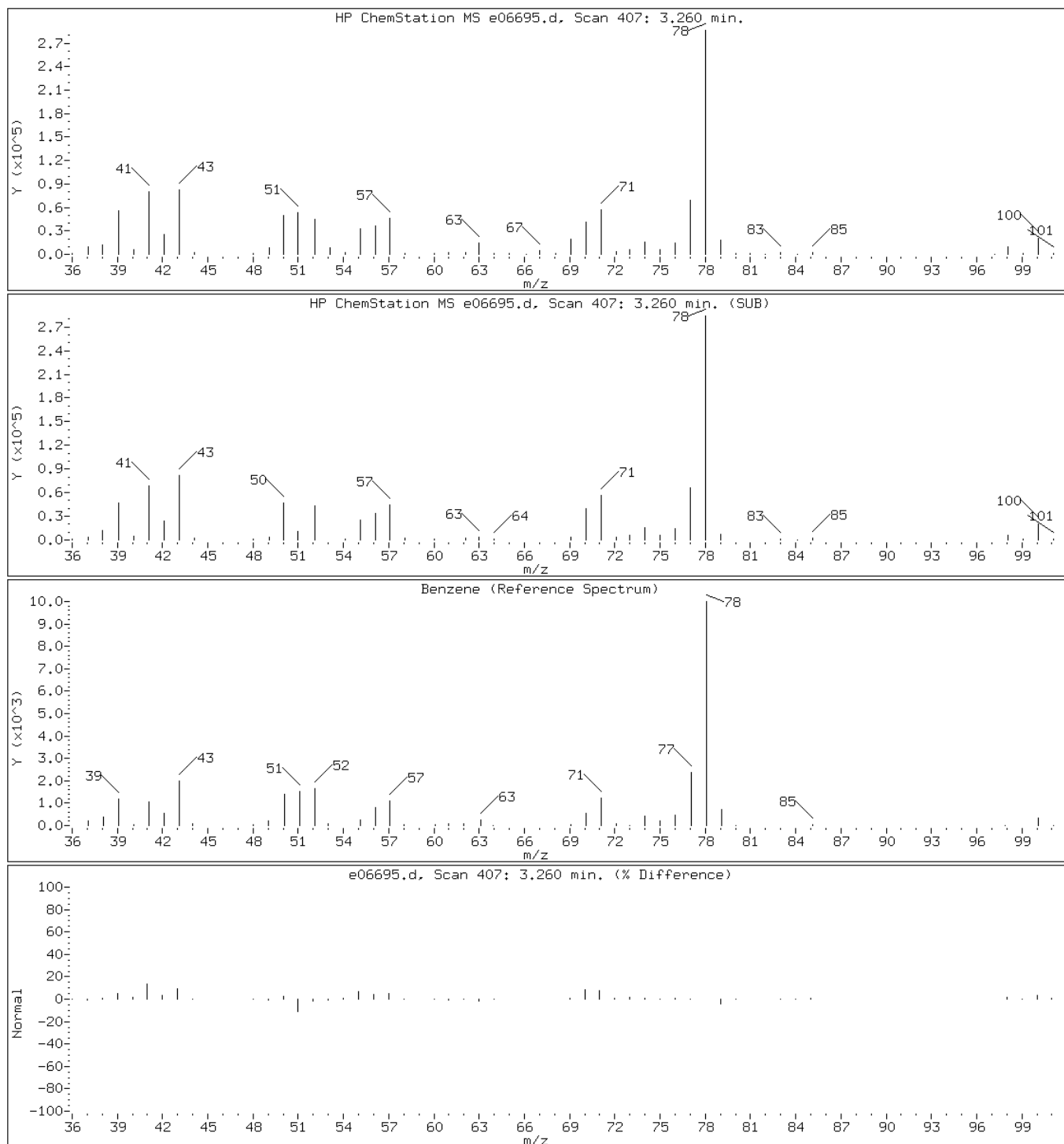
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06695.d

Date: 13-AUG-2012 14:51

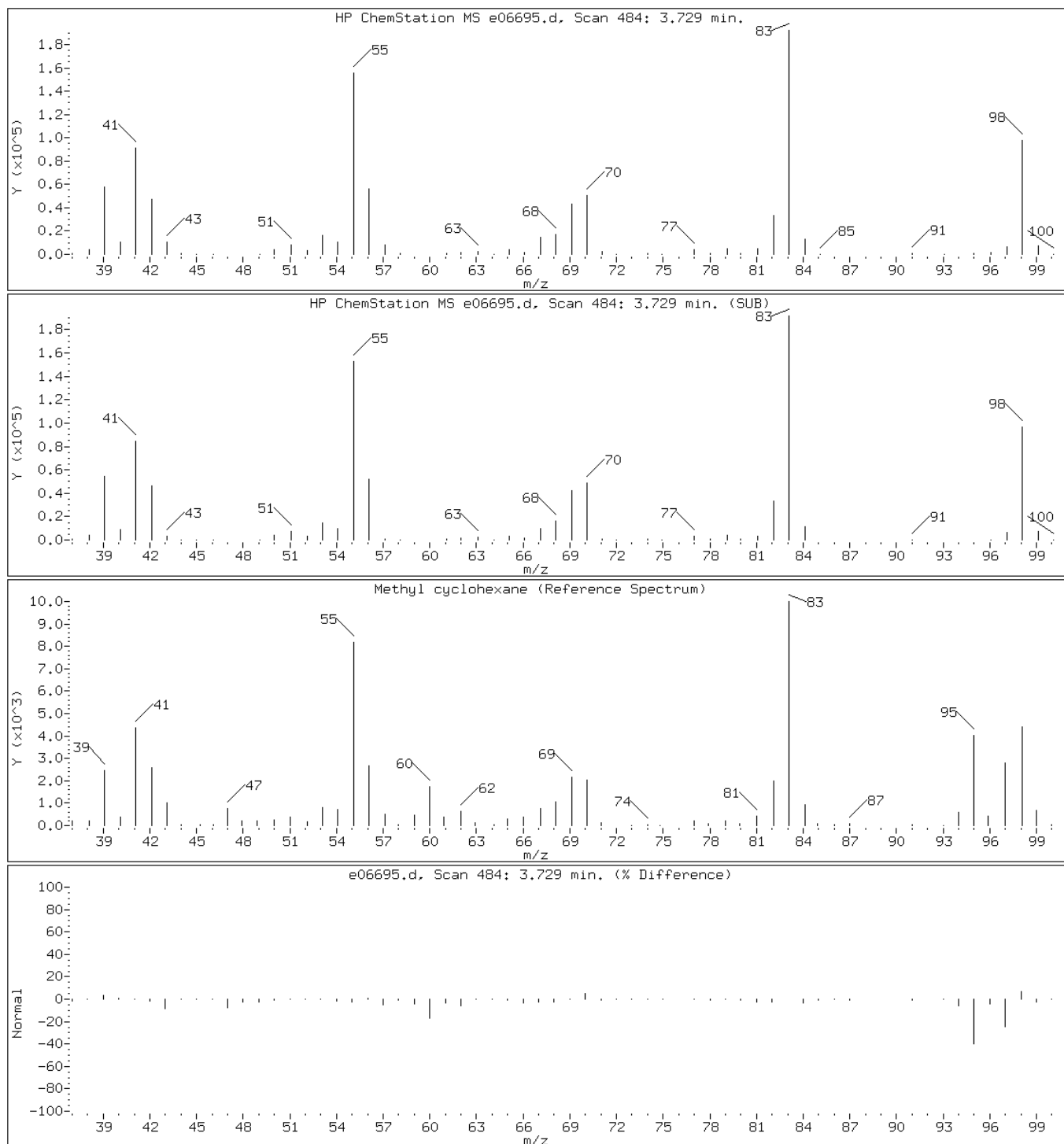
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06695.d

Date: 13-AUG-2012 14:51

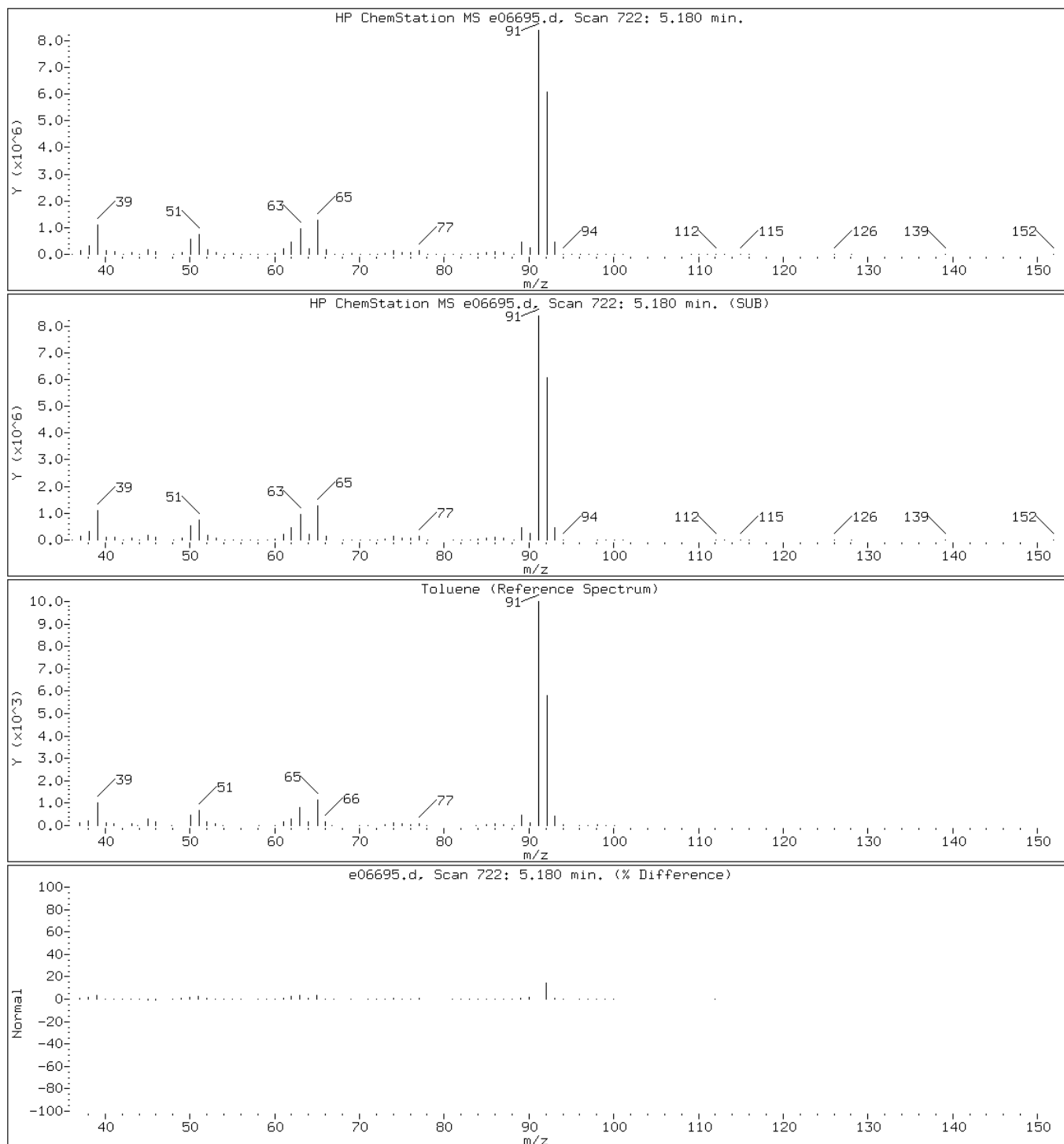
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06695.d

Date: 13-AUG-2012 14:51

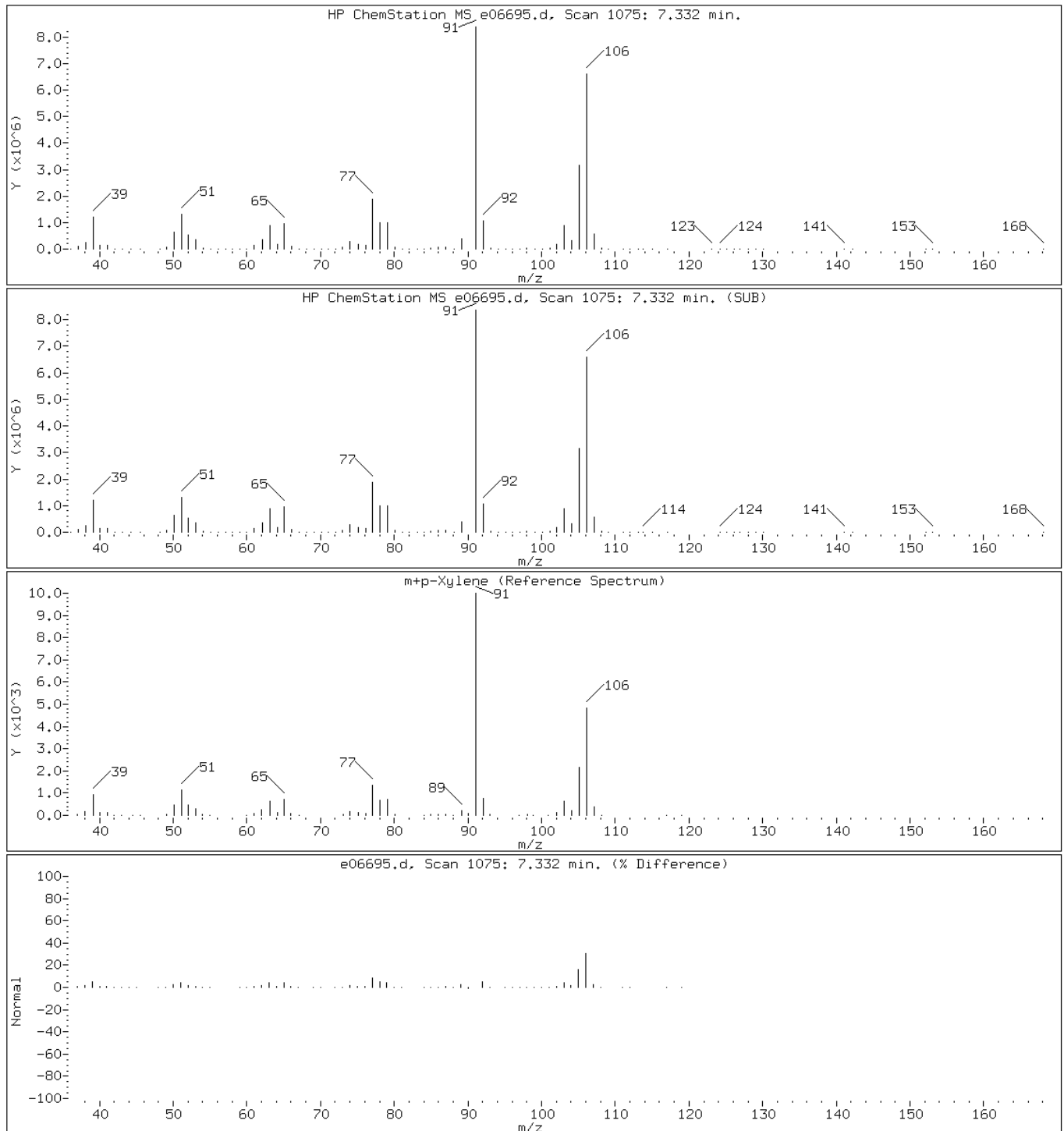
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06695.d

Date: 13-AUG-2012 14:51

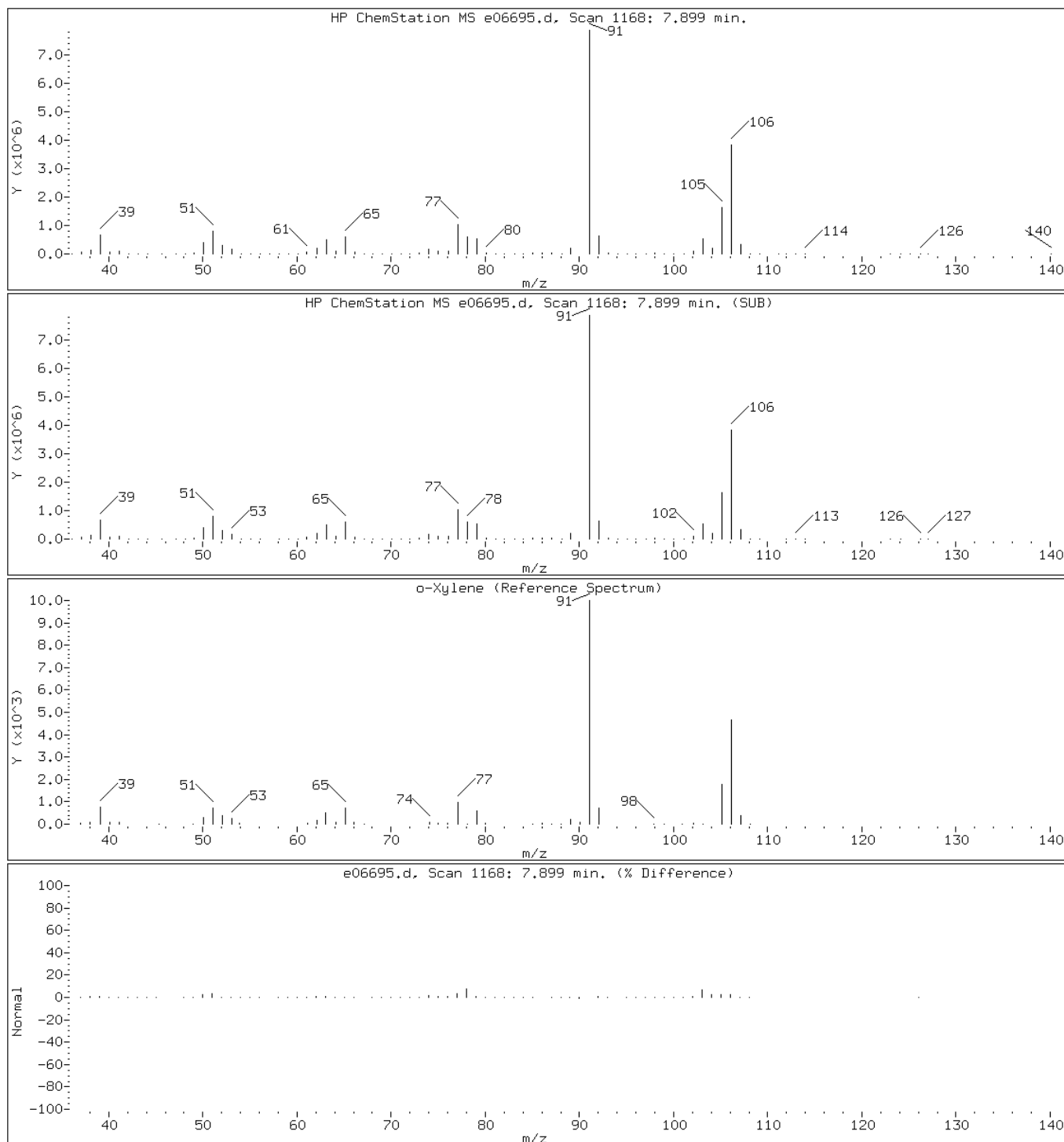
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06695.d

Date: 13-AUG-2012 14:51

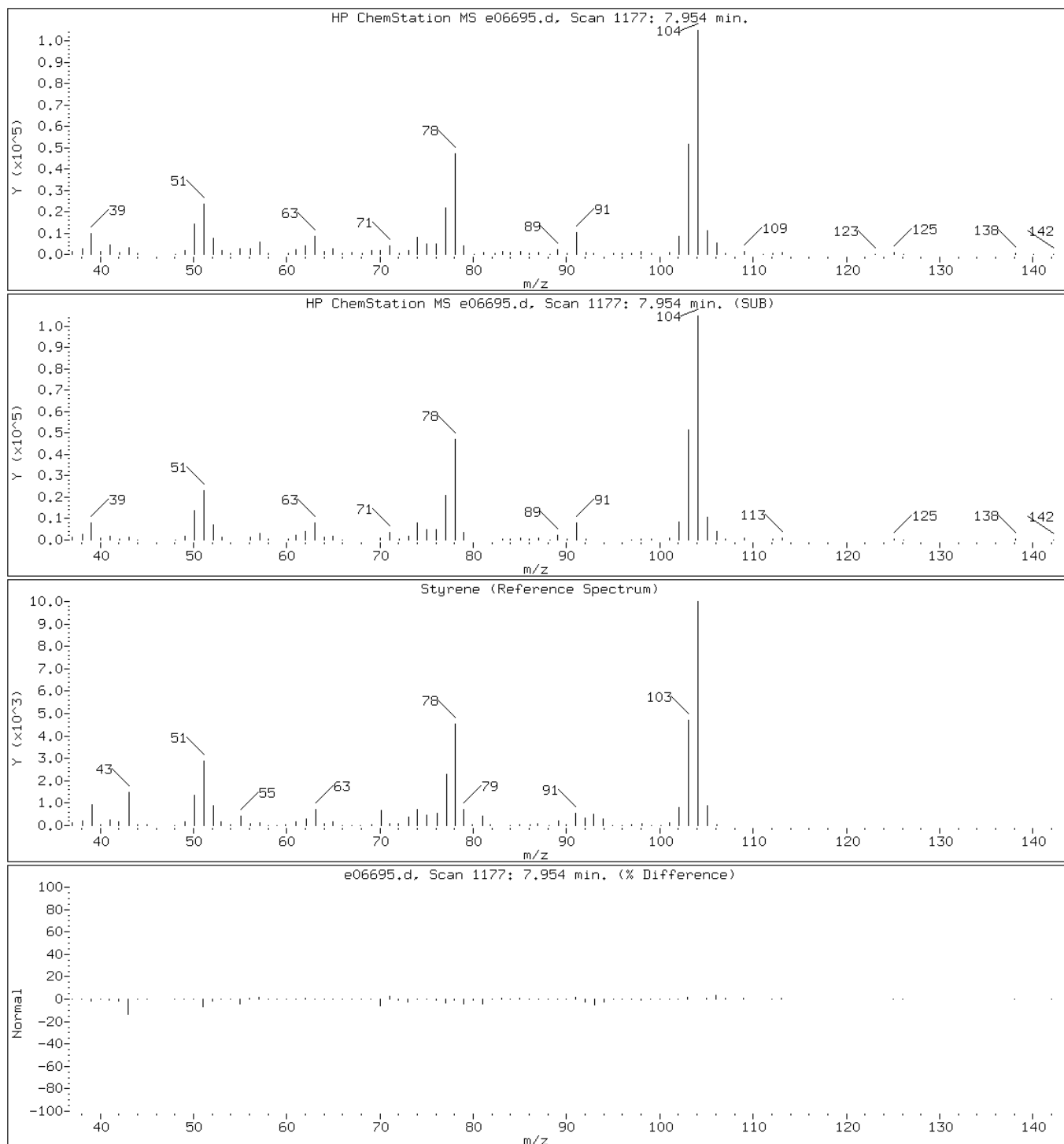
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06695.d

Date: 13-AUG-2012 14:51

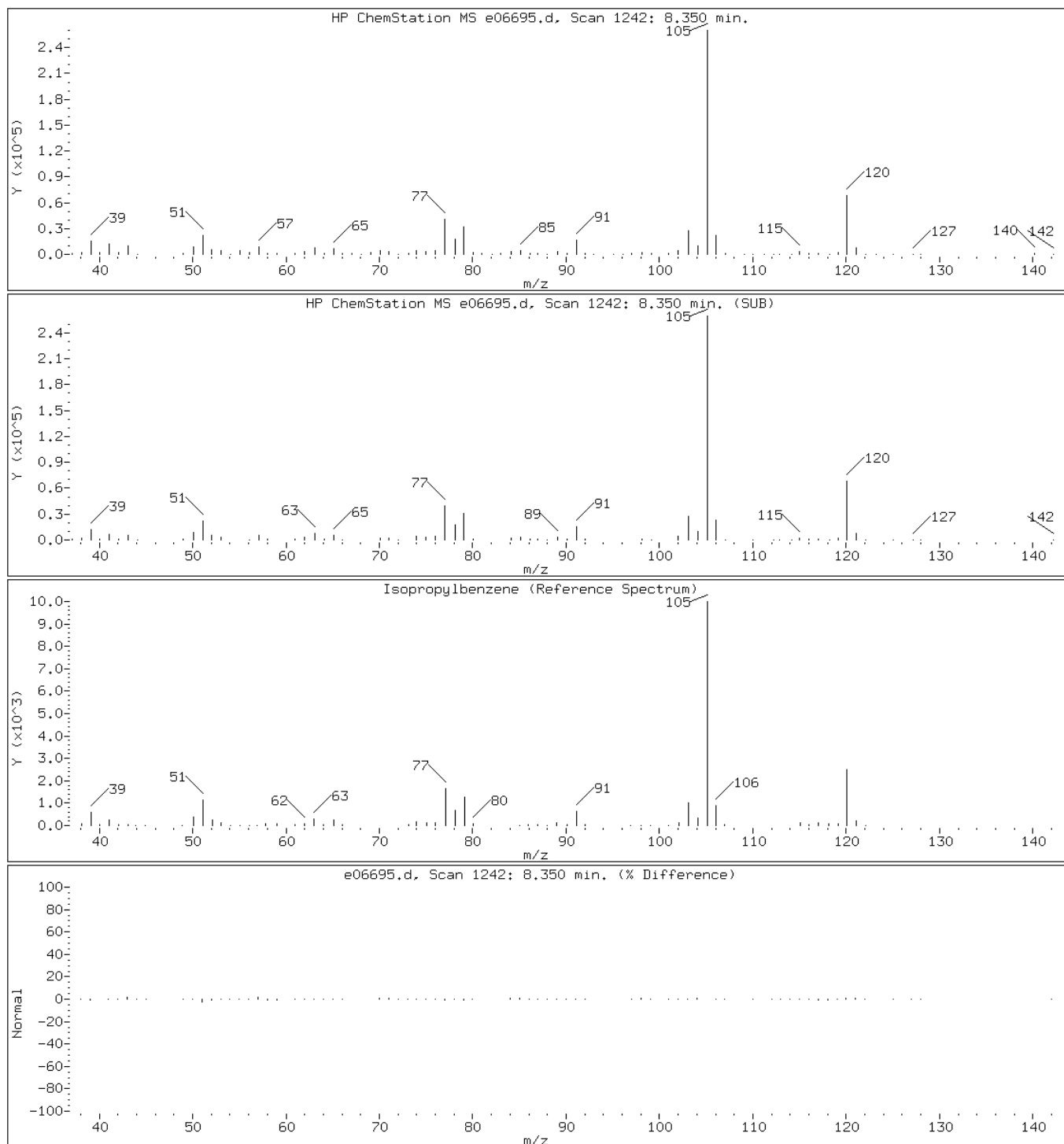
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

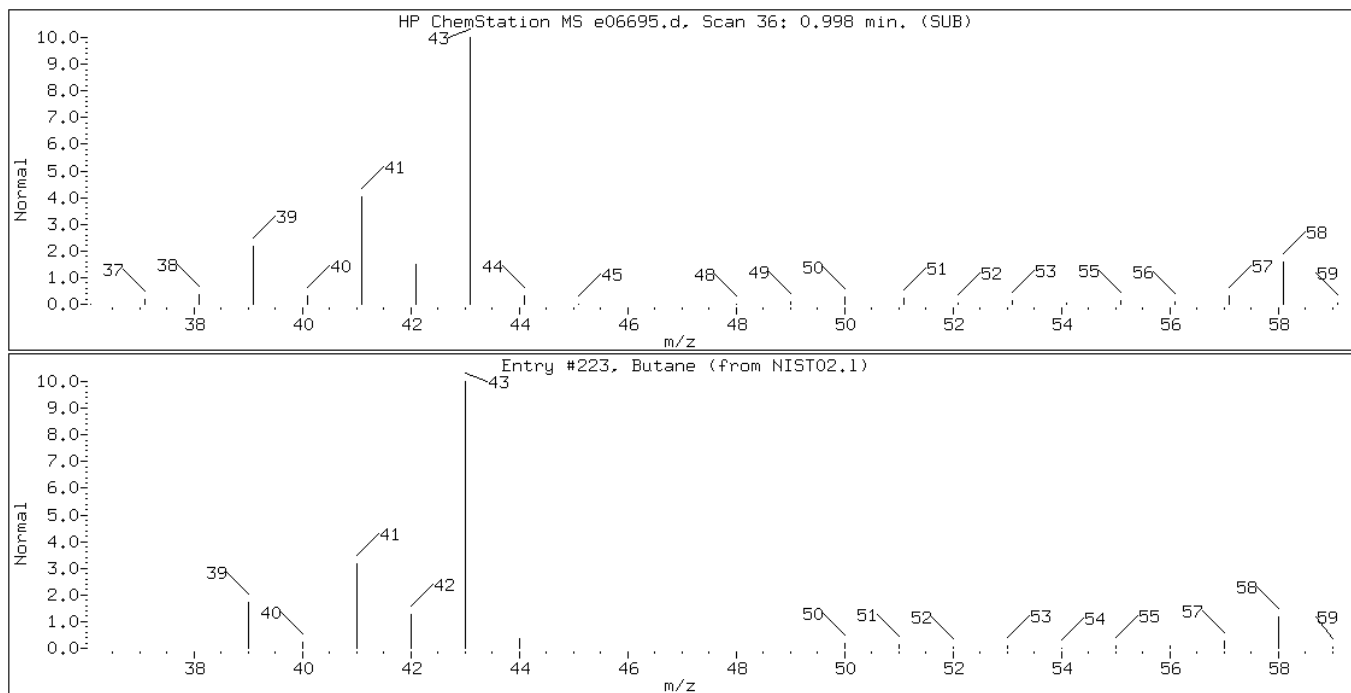
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butane	106-97-8	NIST02.1	223	72	C4H10	58



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

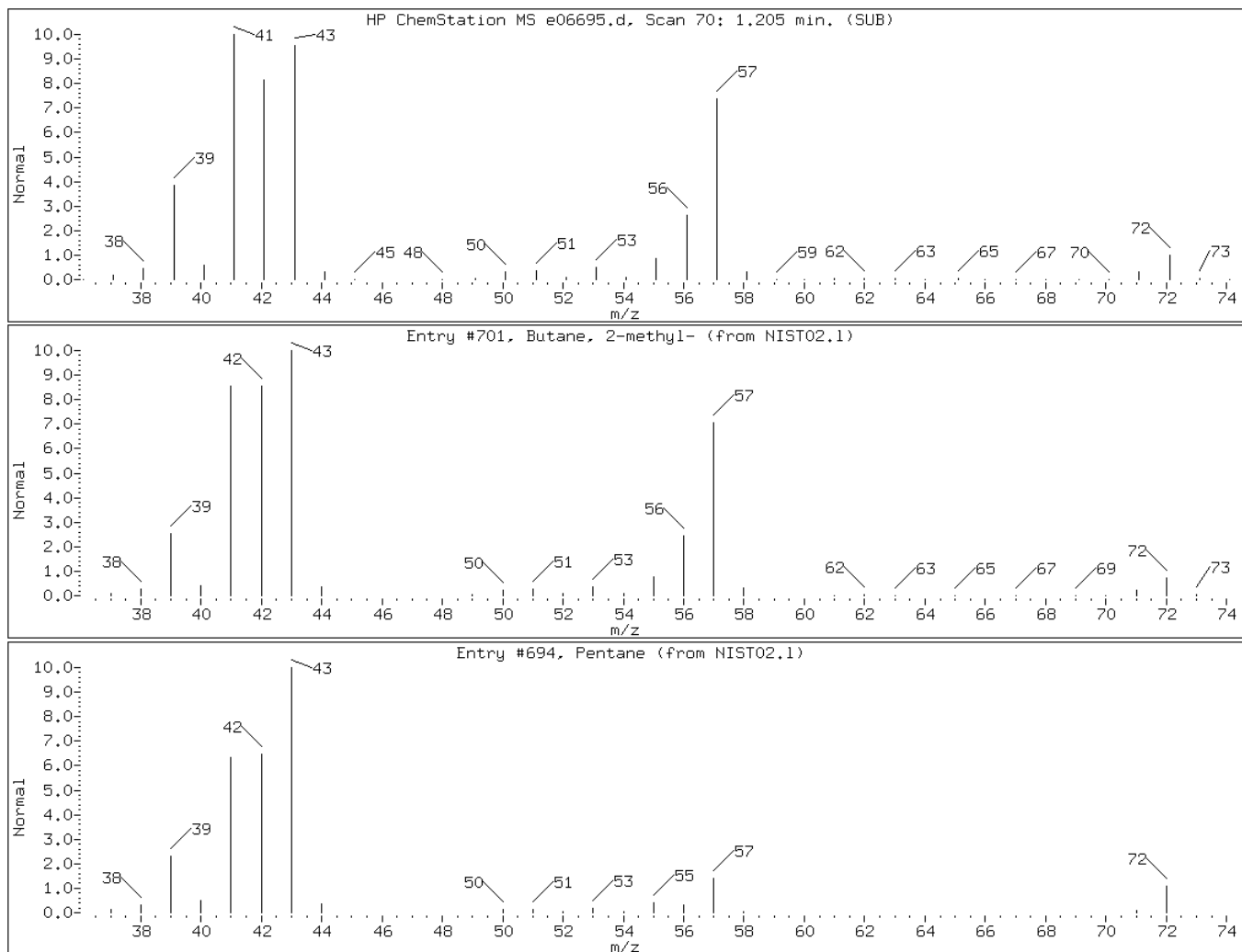
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

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: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

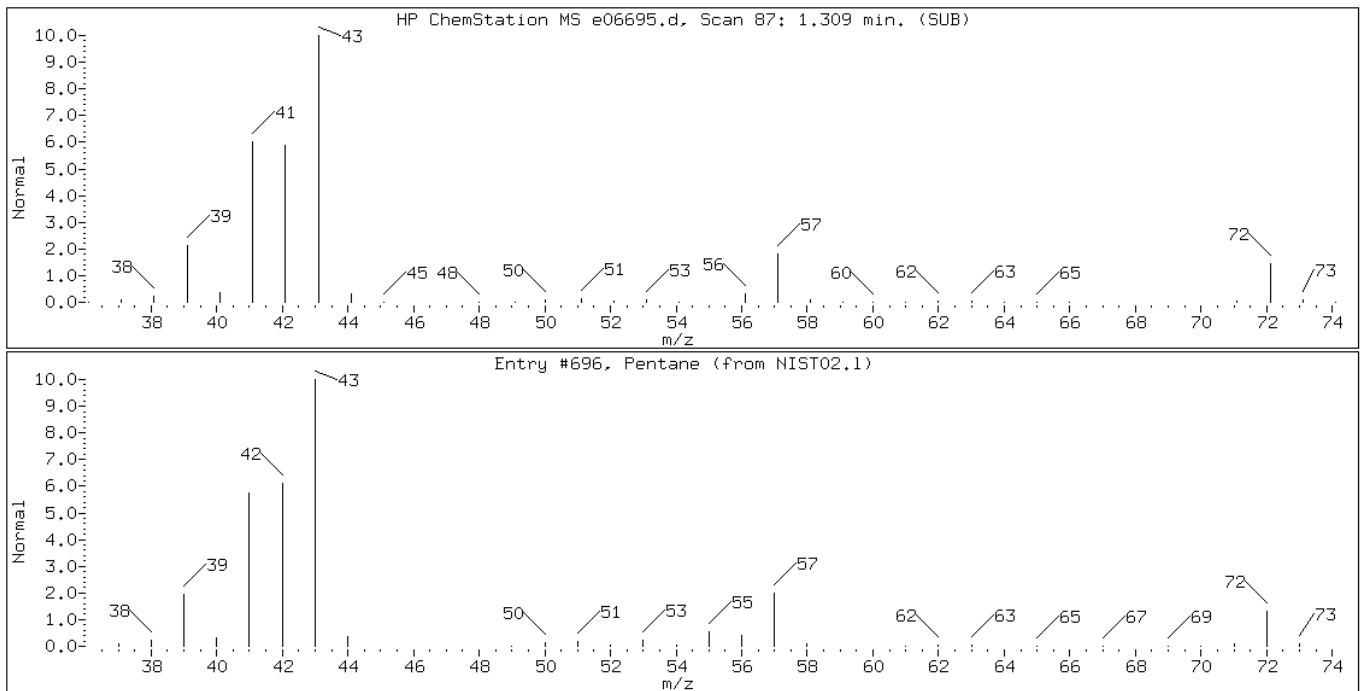
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 1.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentane	109-66-0	NIST02.1	696	87	C5H12	72



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

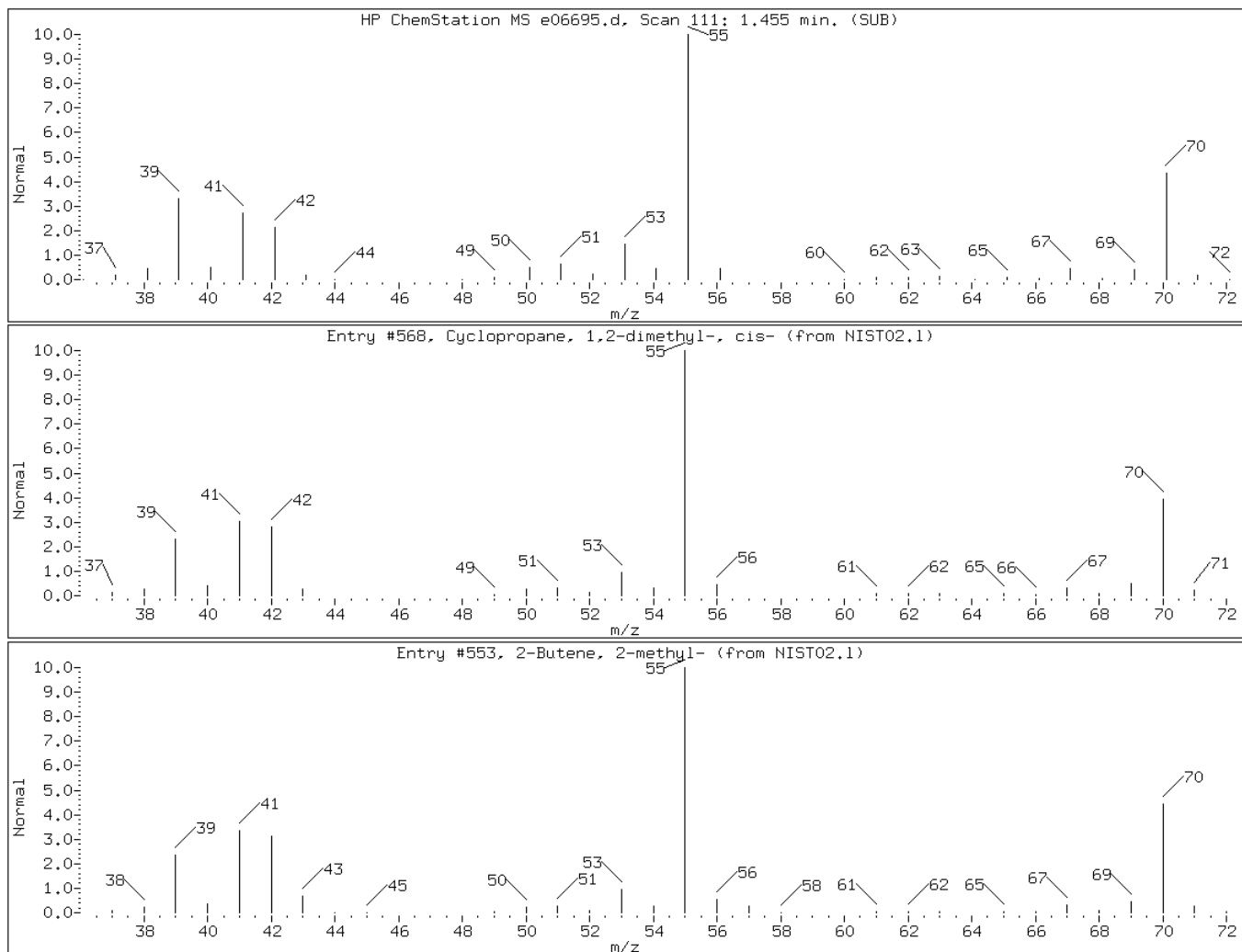
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 1.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	91	C5H10	70
2-Butene, 2-methyl-	513-35-9	NIST02.1	553	90	C5H10	70



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

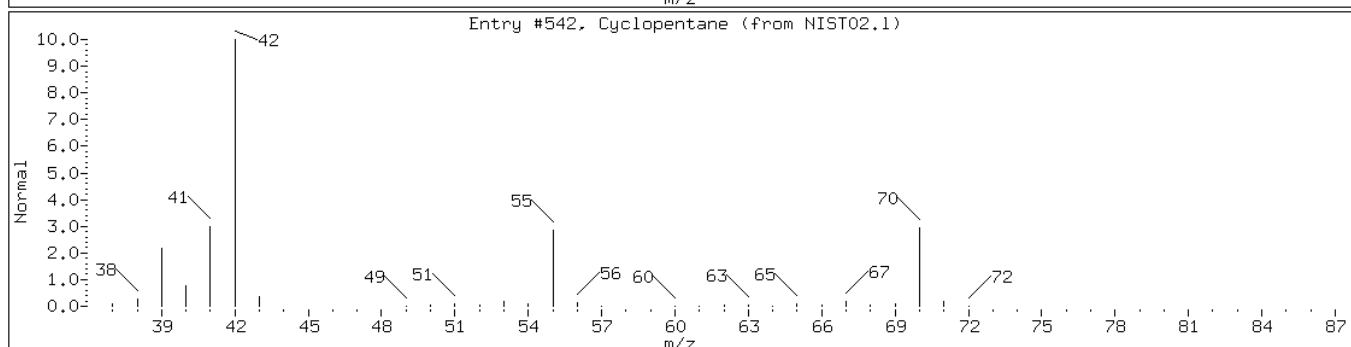
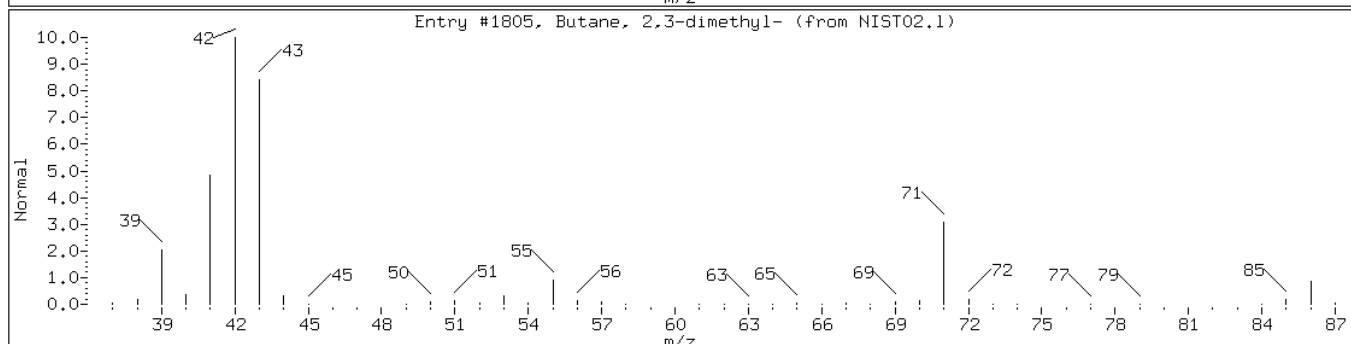
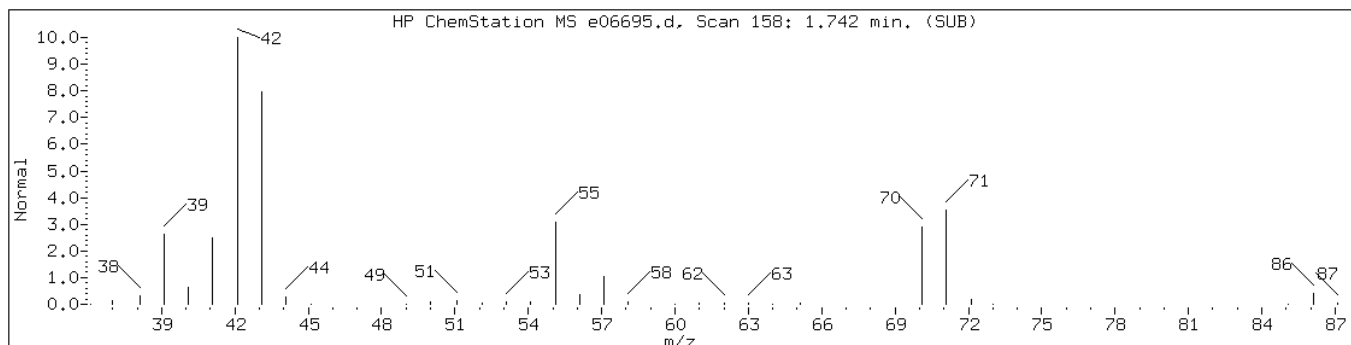
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

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	59	C6H14	86
Cyclopentane	287-92-3	NIST02.1	542	50	C5H10	70



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

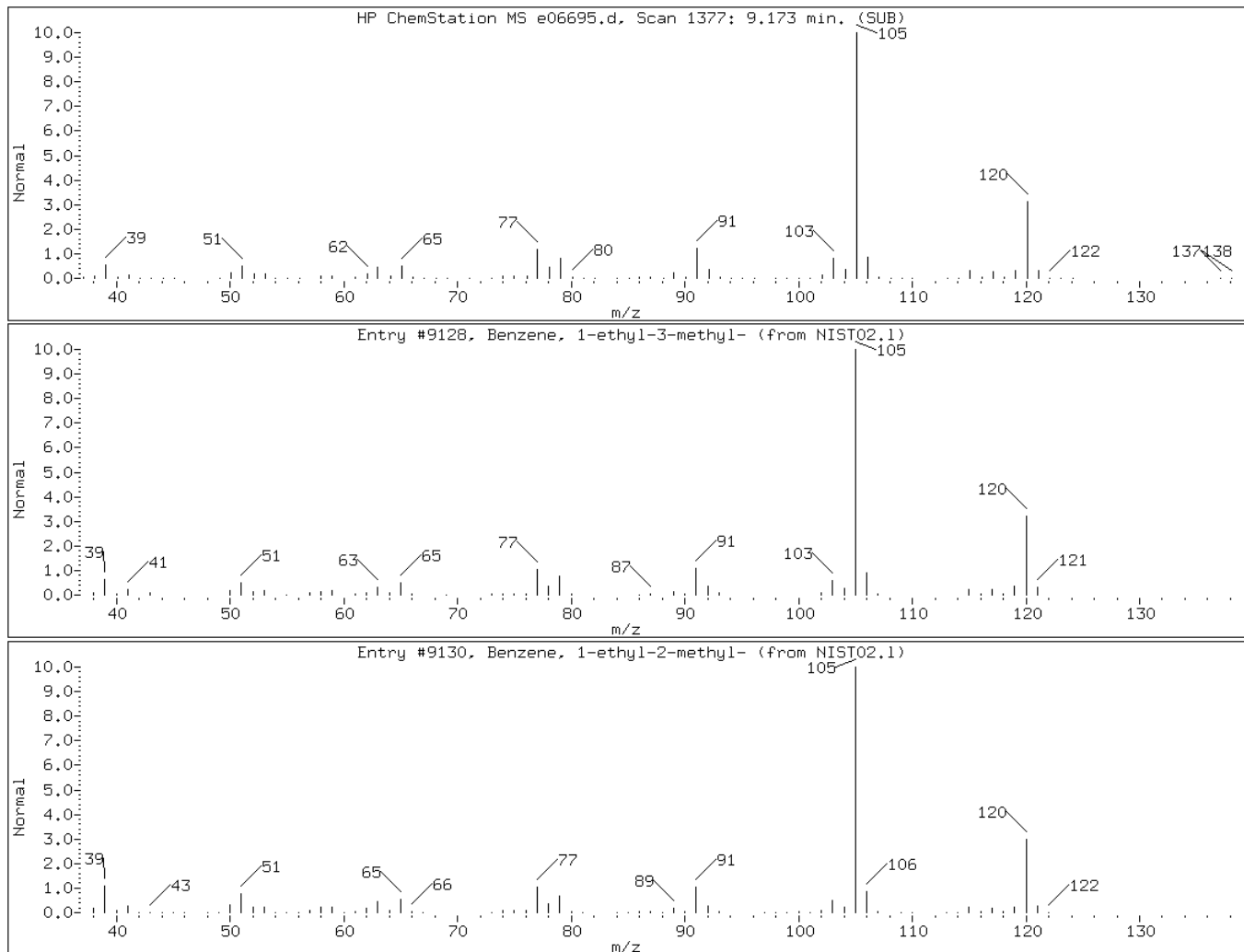
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	97	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

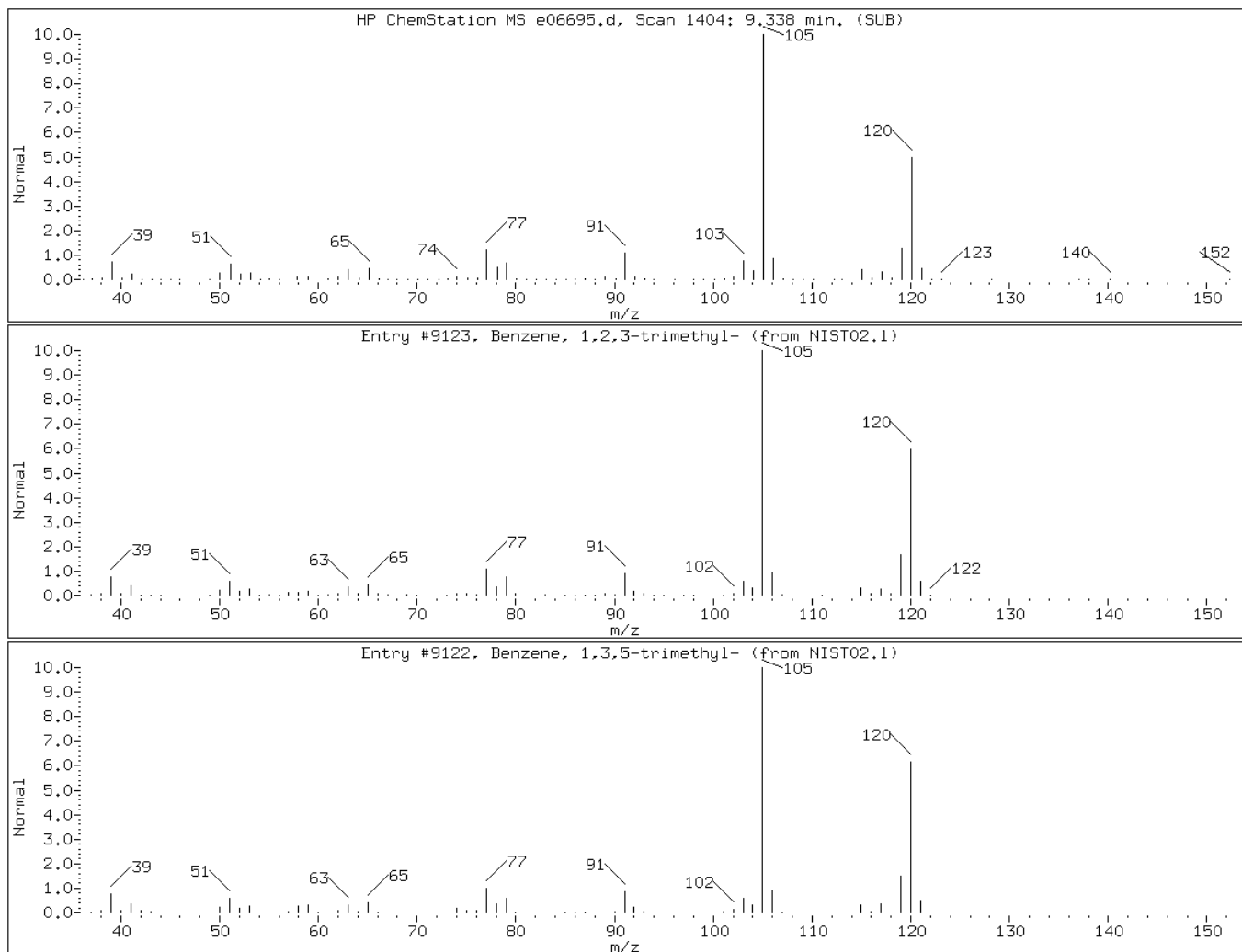
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 9.34

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



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

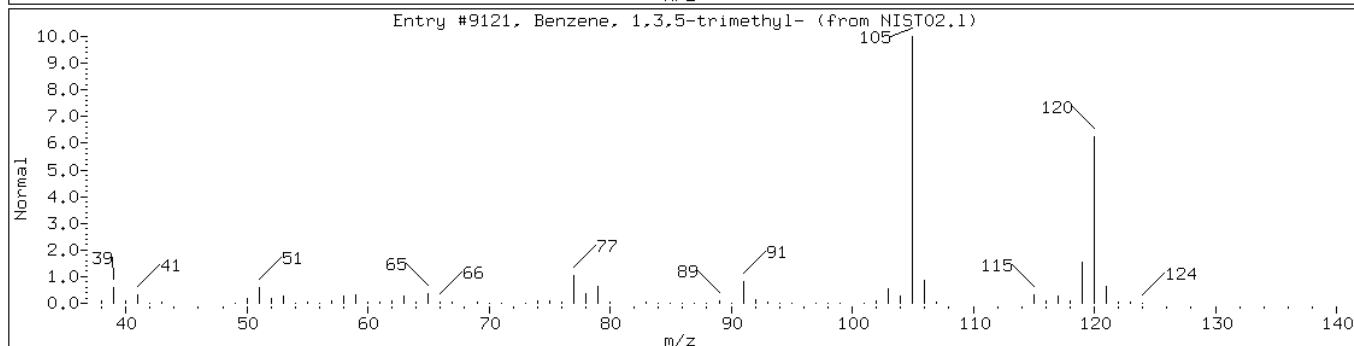
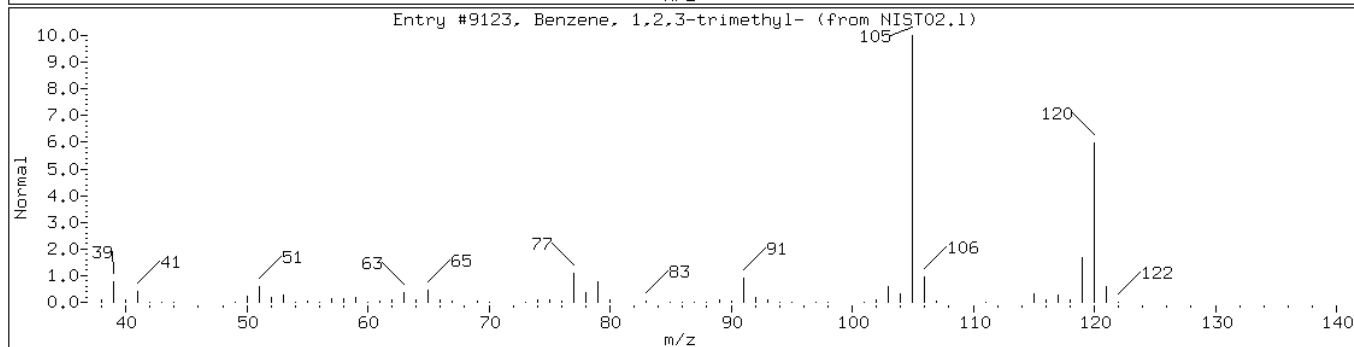
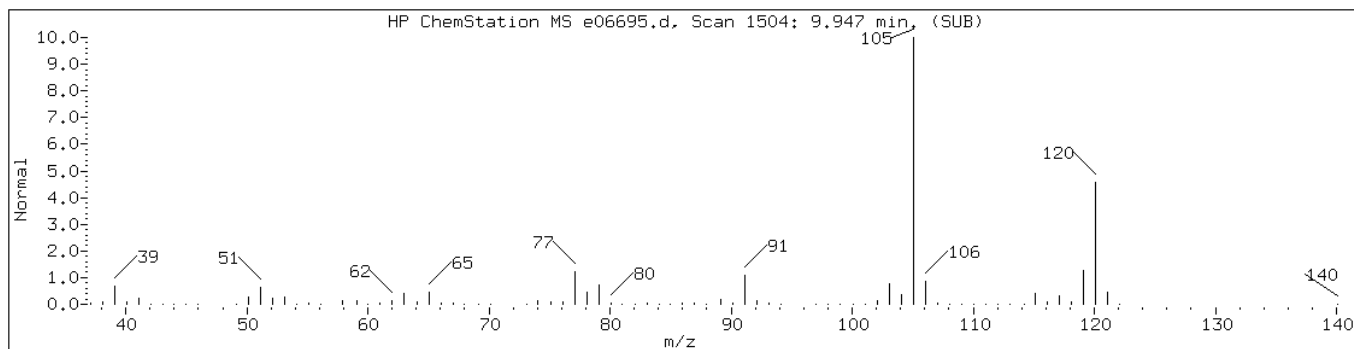
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 9.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9121	95	C9H12	120



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

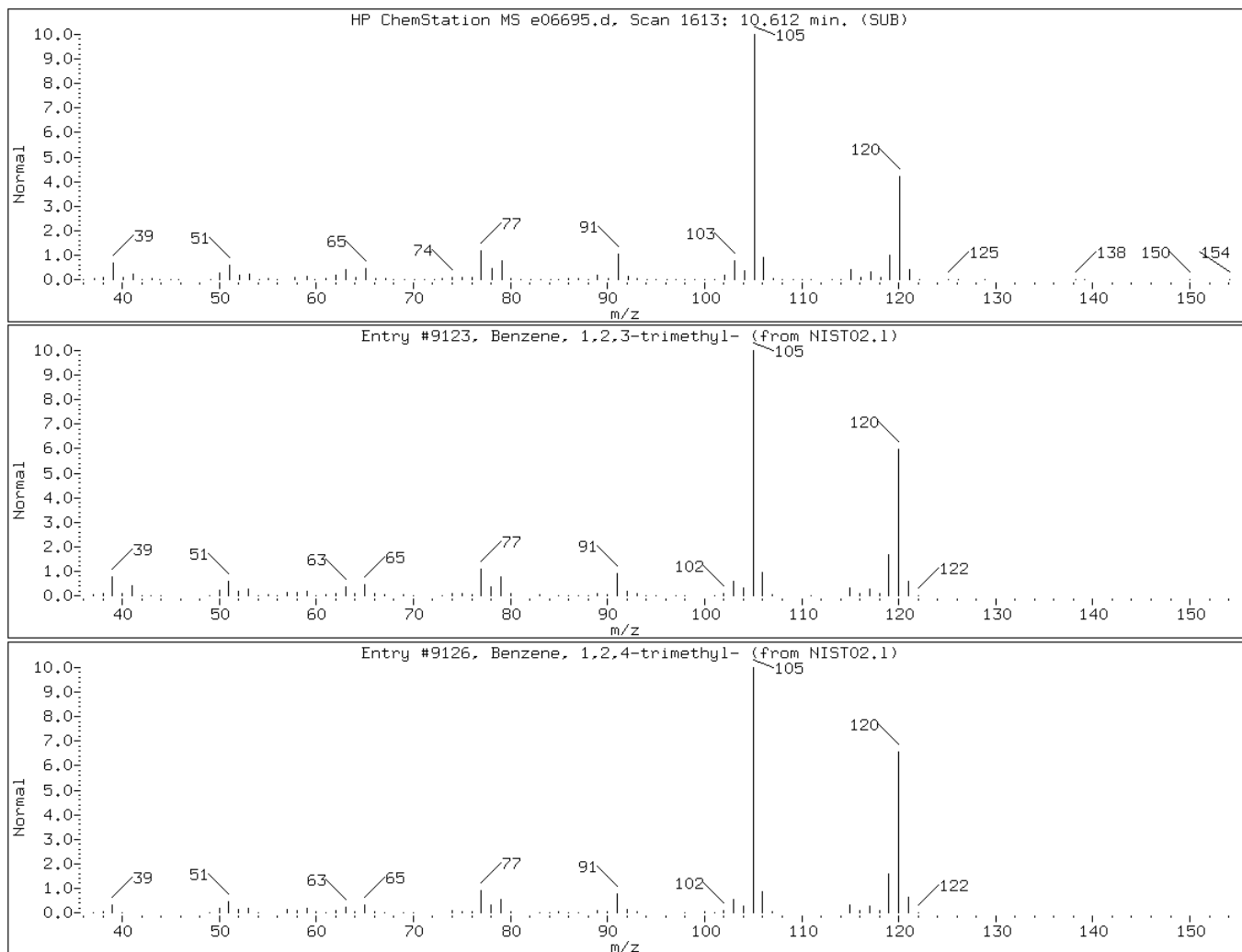
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9126	91	C9H12	120



Data File: e06695.d

Date: 13-AUG-2012 14:51

Client ID: WG-17338-080812-VAS

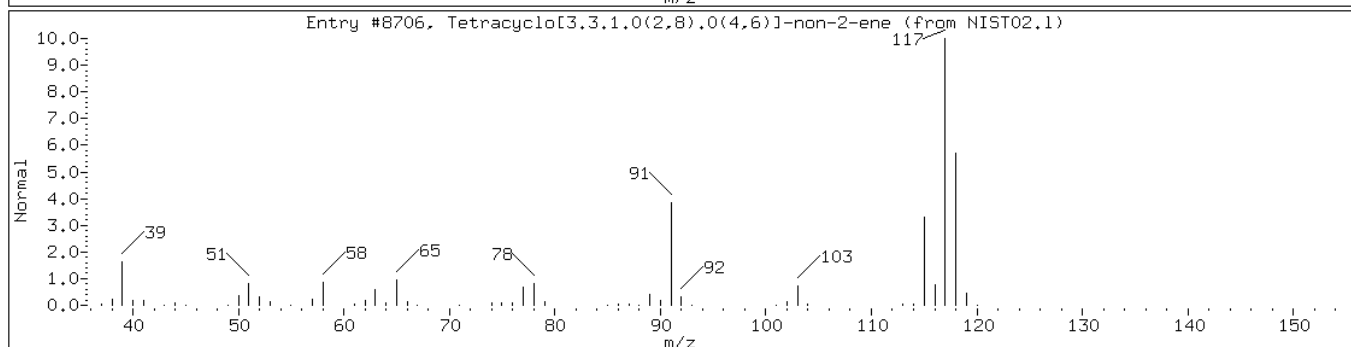
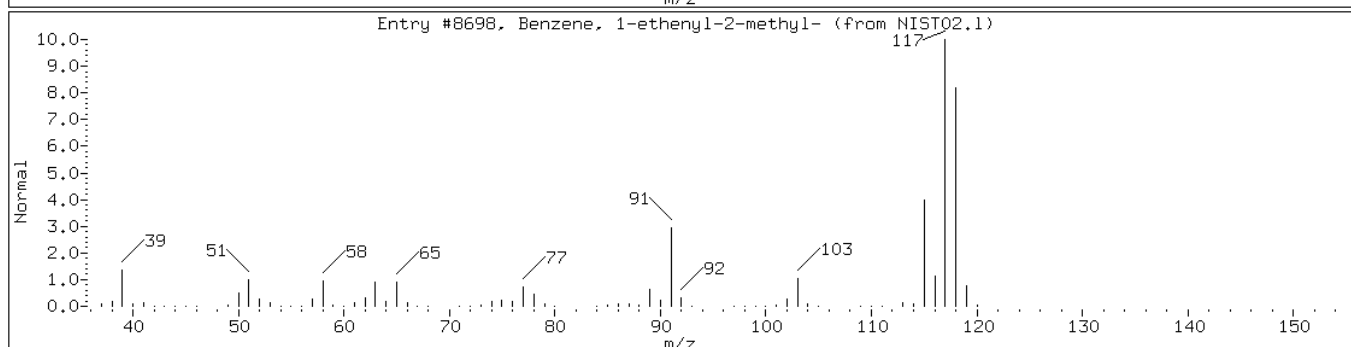
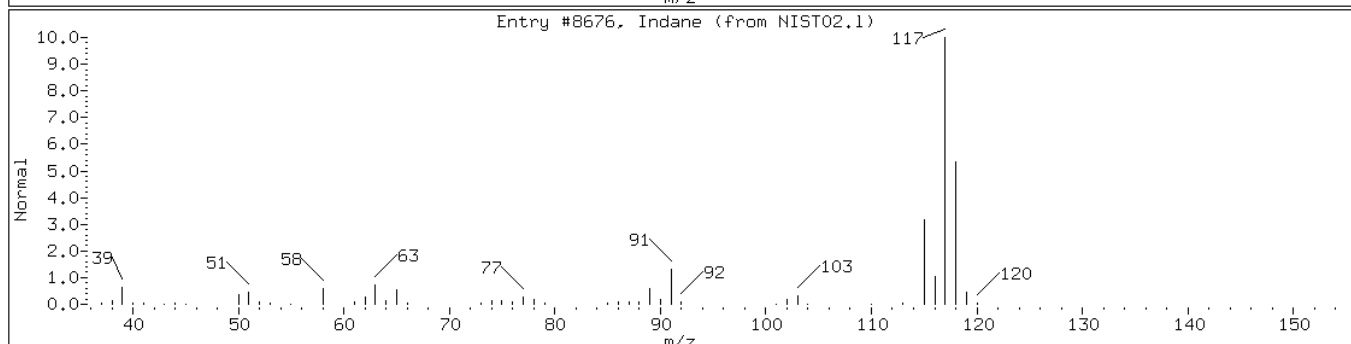
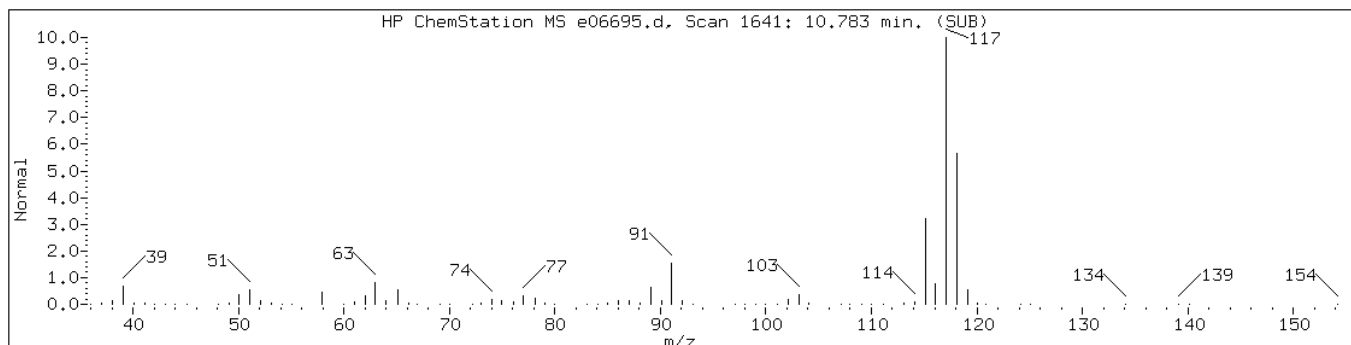
Instrument: VOAMS5.i

Sample Info: 460-43314-C-7;5

Operator: GC/MS VOAMS5

Retention Time: 10.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.1	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.1	8698	87	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.1	8706	80	C9H10	118



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-7 DL
Matrix: Water Lab File ID: e06574.d
Analysis Method: 8260B Date Collected: 08/08/2012 14:00
Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 17:51
Soil Aliquot Vol: _____ Dilution Factor: 20
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	2400	D	20	2.0
108-88-3	Toluene	6100	D	20	3.0
1330-20-7	Xylenes, Total	11000	D	60	7.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	D	70-130
460-00-4	4-Bromofluorobenzene	99	D	70-130
2037-26-5	Toluene-d8 (Surr)	98	D	70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06574.d
 Report Date: 13-Aug-2012 12:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06574.d
 Lab Smp Id: 460-43314-B-7 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 10-AUG-2012 17:51
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-7;20
 Misc Info : 460-43314-B-7
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 24
 Dil Factor: 20.00000
 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	20.00000	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)	150687		31.3693	630
48 Benzene	78	3.260	3.254	(0.469)	145103		10.2392	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	269198		54.0675	54
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	855873		50.0000	
56 Methyl cyclohexane	83	3.729	3.723	(1.037)	71817		14.4325	290
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	820249		48.9911	49
66 Toluene	91	5.168	5.162	(0.743)	5267375		302.913	6000
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	729839		50.0000	
81 Ethylbenzene	106	7.064	7.064	(1.016)	767534		119.718	2400
82 m+p-Xylene	106	7.289	7.277	(1.048)	3097361		370.006	7400
84 o-Xylene	106	7.868	7.863	(1.131)	1474553		179.835	3600
85 Styrene	104	7.948	7.942	(1.143)	31393		2.29632	46
88 Isopropylbenzene	105	8.350	8.350	(1.201)	84011		3.94661	79
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	383629		49.4237	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	452724		50.0000	
M 121 Xylene (Total)	100				4571914		549.841	11000

Data File: e06574.d

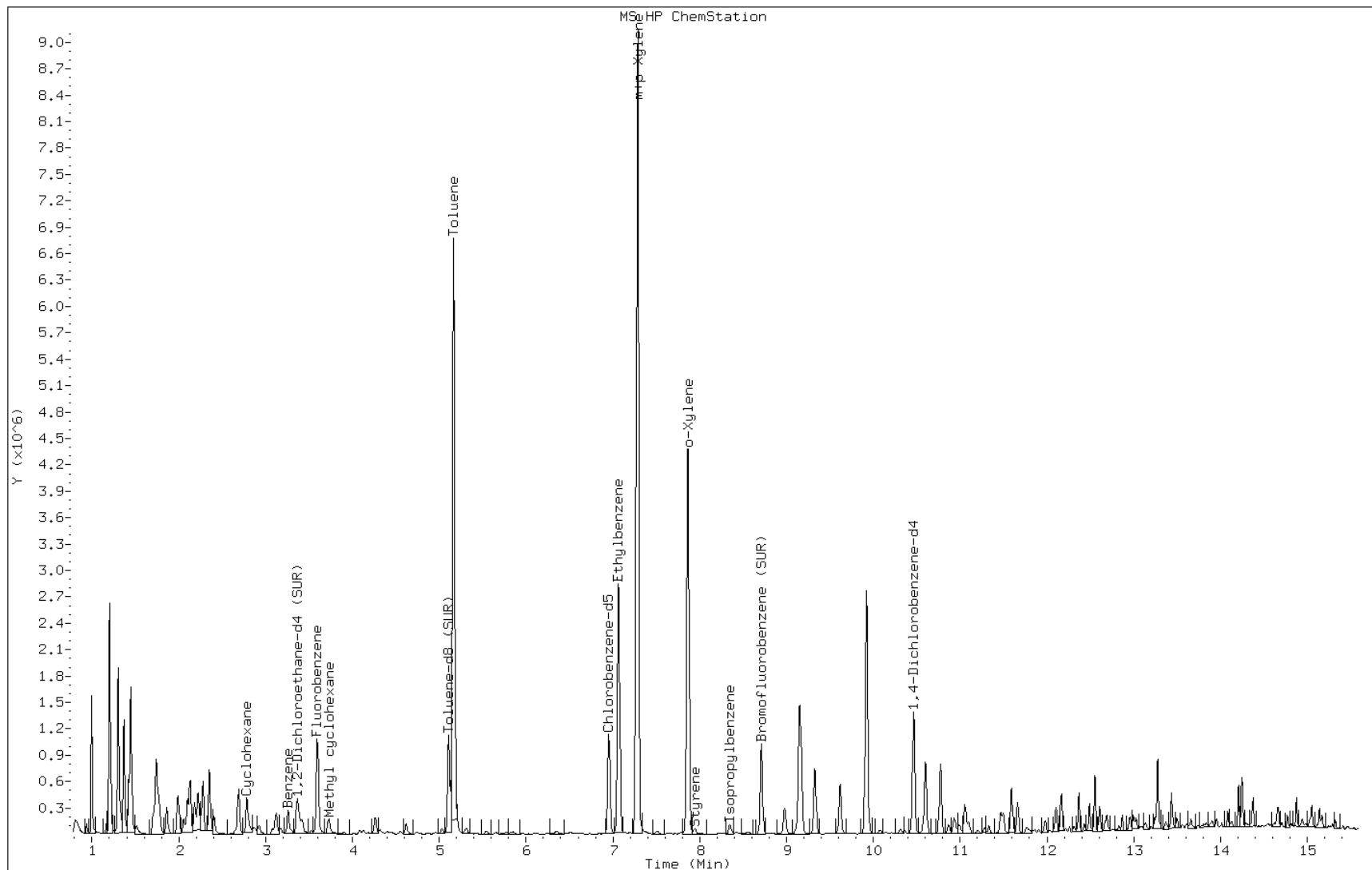
Date: 10-AUG-2012 17:51

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-7;20

Operator: GC/MS VOAMS5



Data File: e06574.d

Date: 10-AUG-2012 17:51

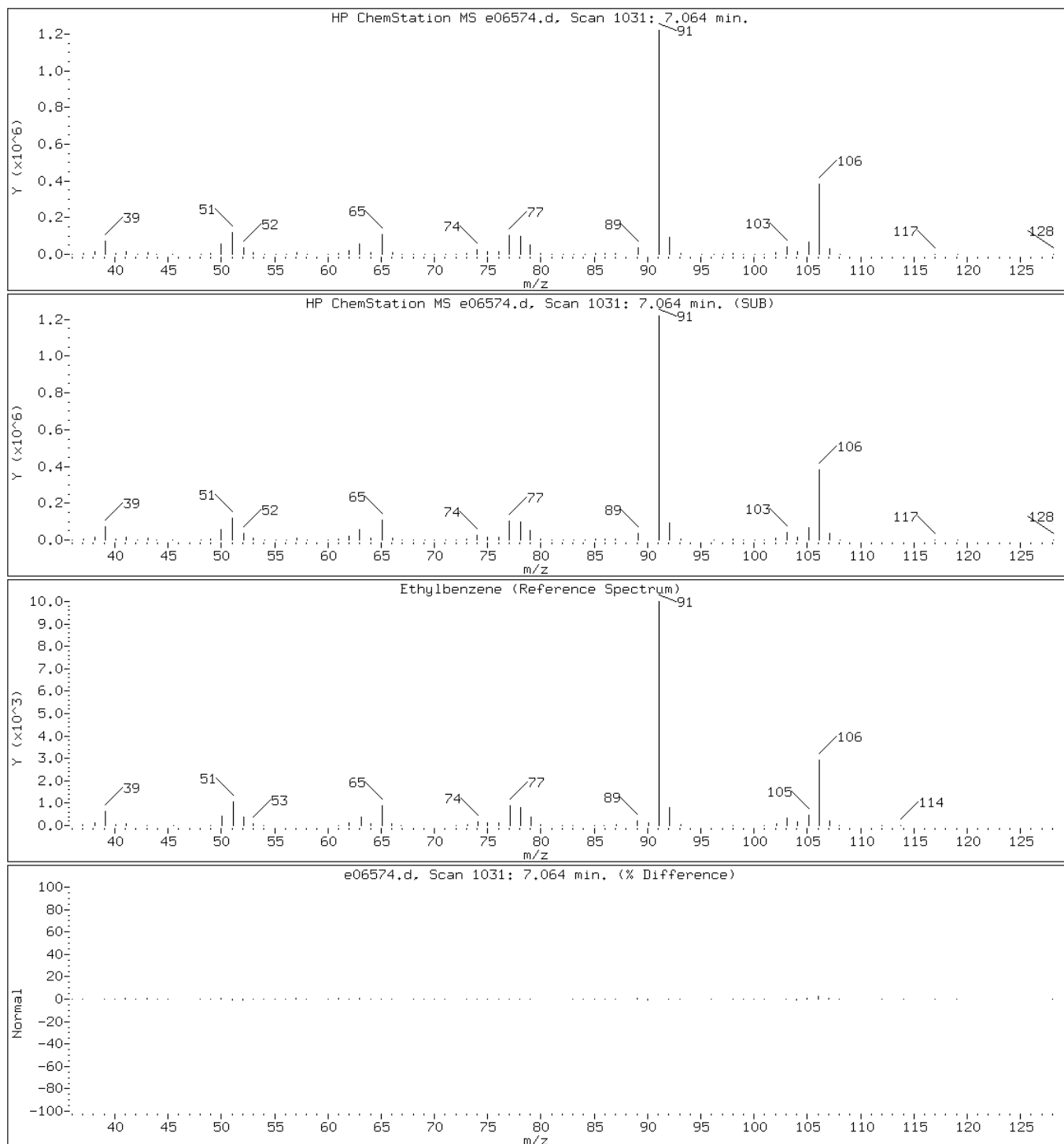
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-7;20

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06574.d

Date: 10-AUG-2012 17:51

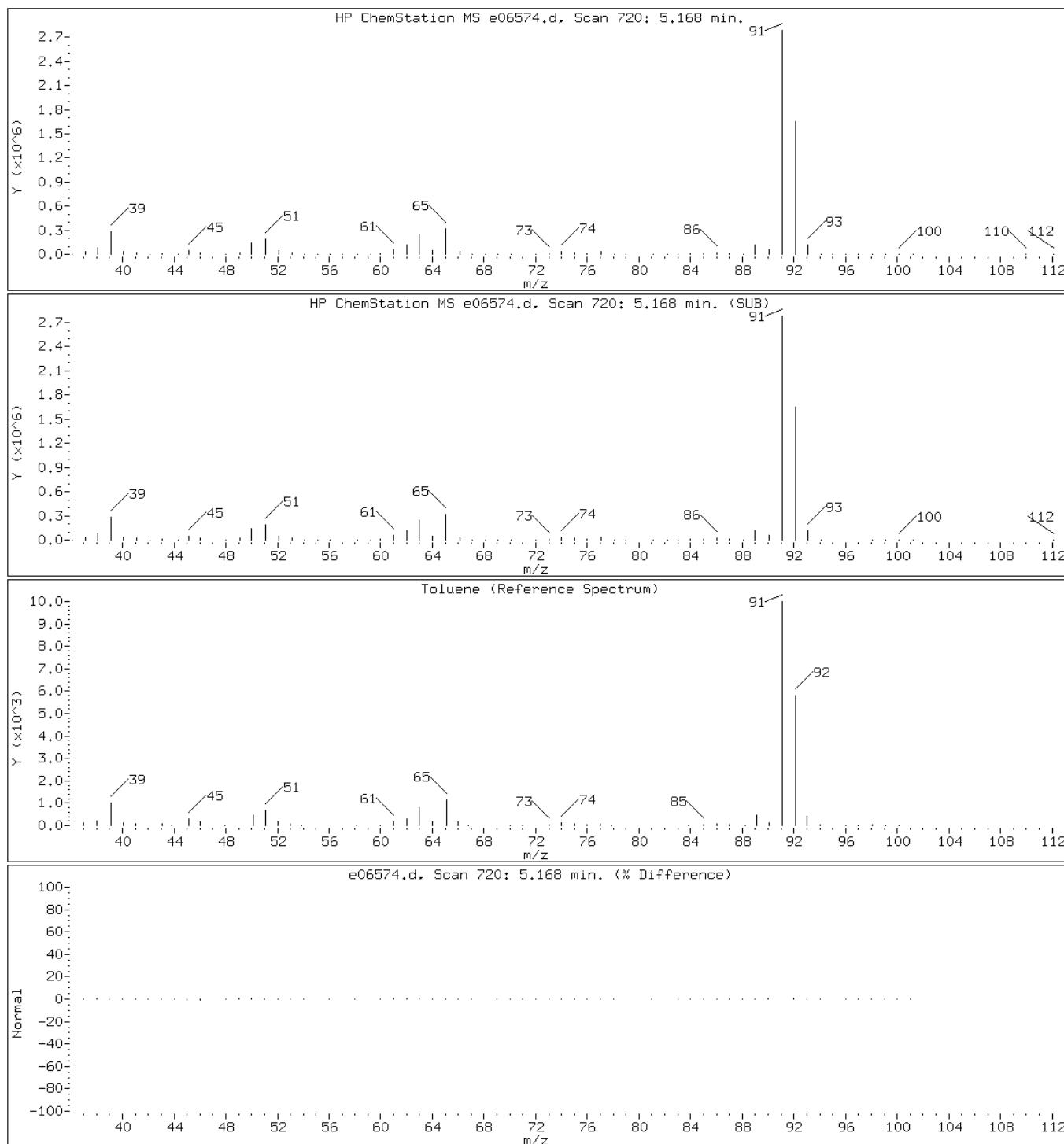
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-7;20

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06574.d

Date: 10-AUG-2012 17:51

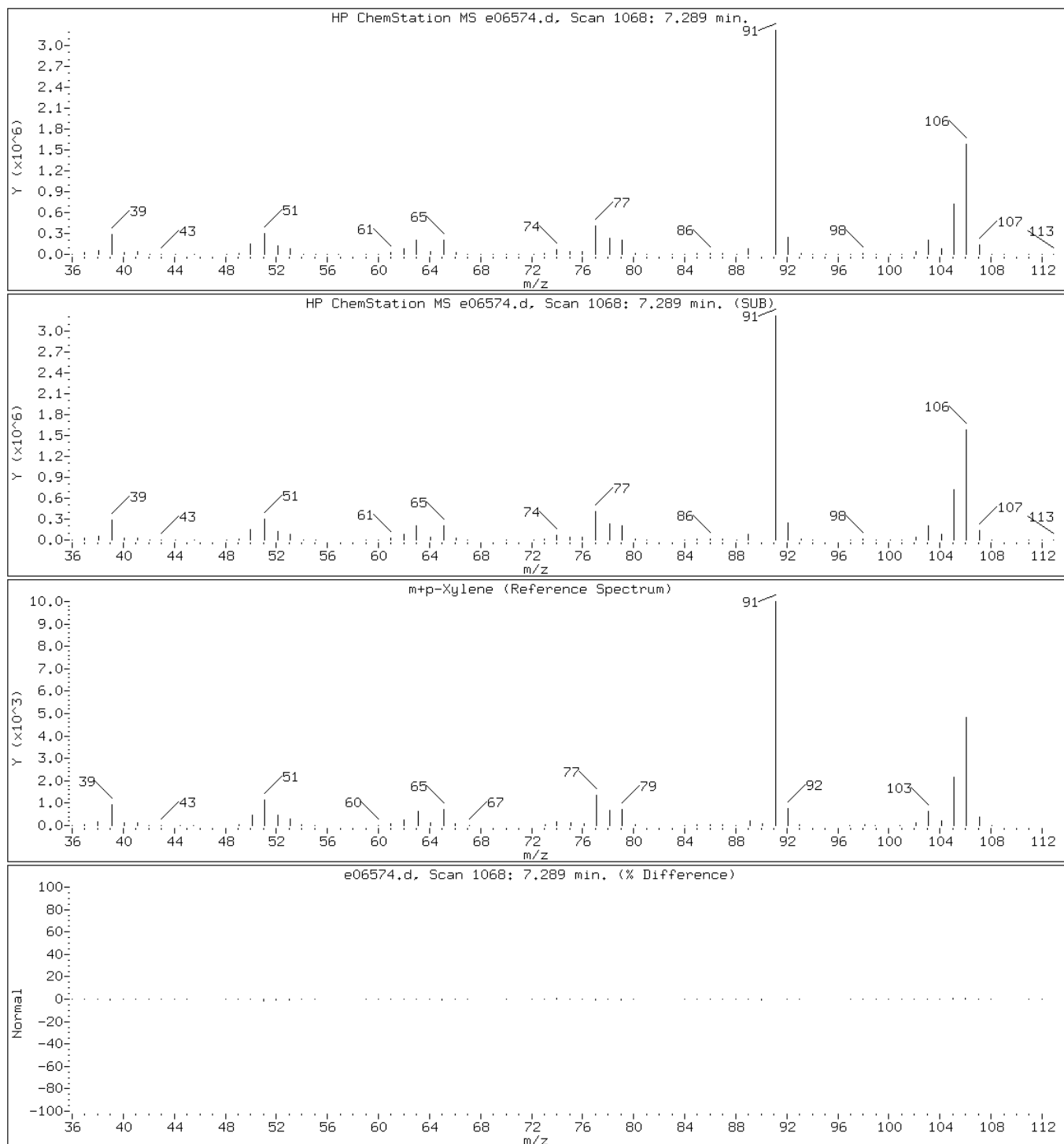
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-7;20

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06574.d

Date: 10-AUG-2012 17:51

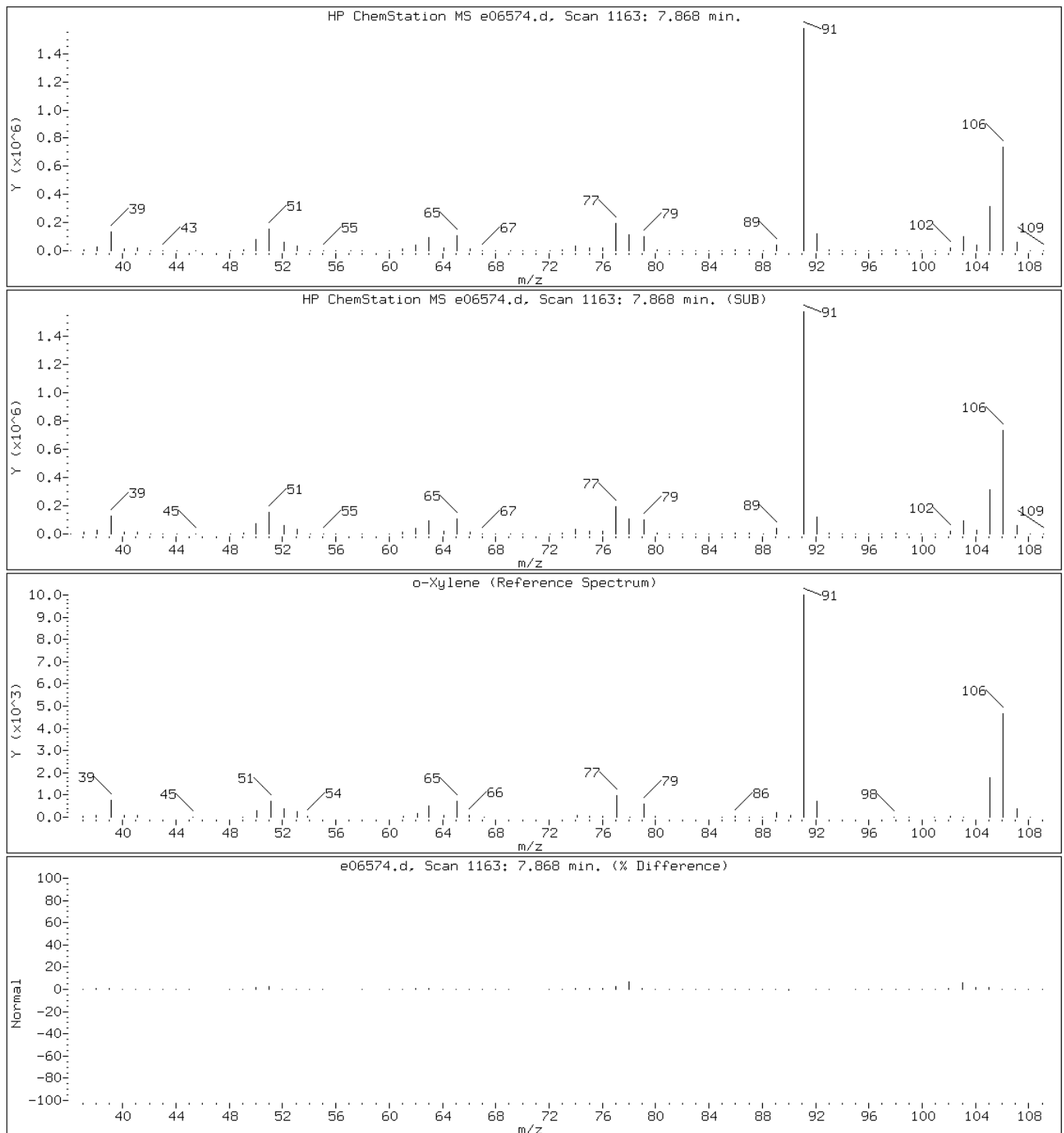
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-7;20

Operator: GC/MS VOAMS5

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8
 Matrix: Water Lab File ID: e06697.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.30	U	5.0	0.30
75-71-8	Dichlorodifluoromethane	1.1	U	5.0	1.1
74-87-3	Chloromethane	0.50	U	5.0	0.50
75-01-4	Vinyl chloride	0.70	U	5.0	0.70
74-83-9	Bromomethane	0.90	U	5.0	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	5.0	2.0
95-50-1	1,2-Dichlorobenzene	1.1	U	5.0	1.1
75-69-4	Trichlorofluoromethane	0.75	U	5.0	0.75
75-35-4	1,1-Dichloroethene	0.45	U	5.0	0.45
78-87-5	1,2-Dichloropropane	0.45	U	5.0	0.45
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.40	U	5.0	0.40
67-64-1	Acetone	13	U	25	13
75-15-0	Carbon disulfide	0.65	U	5.0	0.65
79-20-9	Methyl acetate	1.7	U	10	1.7
75-09-2	Methylene Chloride	0.90	U	5.0	0.90
156-60-5	trans-1,2-Dichloroethene	0.65	U	5.0	0.65
124-48-1	Chlorodibromomethane	1.0	U	5.0	1.0
1634-04-4	Methyl tert-butyl ether	1.6	J	5.0	0.70
75-00-3	Chloroethane	0.85	U	5.0	0.85
75-34-3	1,1-Dichloroethane	0.65	U	5.0	0.65
156-59-2	cis-1,2-Dichloroethene	0.90	U	5.0	0.90
78-93-3	2-Butanone (MEK)	51		25	12
67-66-3	Chloroform	0.40	U	5.0	0.40
100-41-4	Ethylbenzene	2800	E	5.0	0.50
110-82-7	Cyclohexane	700		5.0	0.80
56-23-5	Carbon tetrachloride	0.30	U	5.0	0.30
71-43-2	Benzene	750		5.0	0.40
107-06-2	1,2-Dichloroethane	0.95	U	5.0	0.95
79-01-6	Trichloroethene	0.45	U	5.0	0.45
108-87-2	Methylcyclohexane	360		5.0	0.70
75-27-4	Dichlorobromomethane	0.60	U	5.0	0.60
10061-01-5	cis-1,3-Dichloropropene	0.90	U	5.0	0.90
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	25	5.0
108-88-3	Toluene	5600	E	5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.0	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8
 Matrix: Water Lab File ID: e06697.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	0.95	U	5.0	0.95
127-18-4	Tetrachloroethene	0.50	U	5.0	0.50
591-78-6	2-Hexanone	2.5	U	25	2.5
106-93-4	1,2-Dibromoethane	1.4	U	5.0	1.4
108-90-7	Chlorobenzene	0.55	U	5.0	0.55
1330-20-7	Xylenes, Total	13000		15	1.8
100-42-5	Styrene	49		5.0	0.60
75-25-2	Bromoform	0.95	U	5.0	0.95
98-82-8	Isopropylbenzene	110		5.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	5.0	0.80
541-73-1	1,3-Dichlorobenzene	0.70	U	5.0	0.70
106-46-7	1,4-Dichlorobenzene	1.2	U	5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	1.7	U	5.0	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
460-00-4	4-Bromofluorobenzene	104		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.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8
Matrix: Water Lab File ID: e06697.d
Analysis Method: 8260B Date Collected: 08/08/2012 15:00
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 15:38
Soil Aliquot Vol: _____ Dilution Factor: 5
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123702 Units: ug/L
Number TICs Found: 10 TIC Result Total: 11880

CAS NO.	COMPOUND NAME	RT	RESULT	Q
106-97-8	Butane	1.00	770	J N
	C5H12 Alkane	1.21	1500	J
109-66-0	Pentane	1.31	1300	J N
	C5H10 Alkene	1.37	700	J
	C5H10 Alkene-1	1.46	790	J
	C6H14 Alkane	1.74	1100	J
	Ethylmethylbenzene isomer	9.17	1800	J
	Trimethylbenzene isomer	9.34	680	J
	Trimethylbenzene isomer-1	9.94	2500	J
	Trimethylbenzene isomer-2	10.61	740	J

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06697.d
 Report Date: 13-Aug-2012 16:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06697.d
 Lab Smp Id: 460-43314-B-8 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 13-AUG-2012 15:38
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-8;5
 Misc Info : 460-43314-B-8
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 29
 Dil Factor: 5.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
28 MTBE		73	2.022	2.016 (0.562)		4211	0.32842	1.6(a)
38 2-Butanone		72	3.071	3.071 (0.854)		5959	10.2333	51
44 Cyclohexane		56	2.790	2.778 (0.776)		837267	140.456	700
48 Benzene		78	3.260	3.254 (0.469)		1813328	149.849	750
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	3.363	3.357 (0.936)		266791	51.0982	51
* 52 Fluorobenzene		96	3.595	3.595 (1.000)		871855	50.0000	
56 Methyl cyclohexane		83	3.729	3.729 (1.037)		450572	72.4479	360
\$ 65 Toluene-d8 (SUR)		98	5.113	5.107 (0.735)		805096	50.5763	50
66 Toluene		91	5.180	5.162 (0.745)		16862931	1115.32	5600(A)
* 78 Chlorobenzene-d5		117	6.954	6.954 (1.000)		701701	50.0000	
81 Ethylbenzene		106	7.082	7.064 (1.018)		3312002	566.540	2800(A)
82 m+p-Xylene		106	7.320	7.277 (1.053)		13840673	1882.21	9400(A)
84 o-Xylene		106	7.887	7.862 (1.134)		5888990	799.324	4000(A)
85 Styrene		104	7.948	7.942 (1.143)		123791	9.75454	49
88 Isopropylbenzene		105	8.350	8.350 (1.201)		439324	21.8651	110
\$ 89 Bromofluorobenzene (SUR)		174	8.716	8.710 (0.832)		386778	52.1601	52

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06697.d
 Report Date: 13-Aug-2012 16:14

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/L)	=====
* 108 1,4-Dichlorobenzene-d4	152	10.472	10.466	(1.000)	430855	50.0000		
M 121 Xylene (Total)	100				19729663	2681.54	13000	

QC Flag Legend

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

Data File: e06697.d

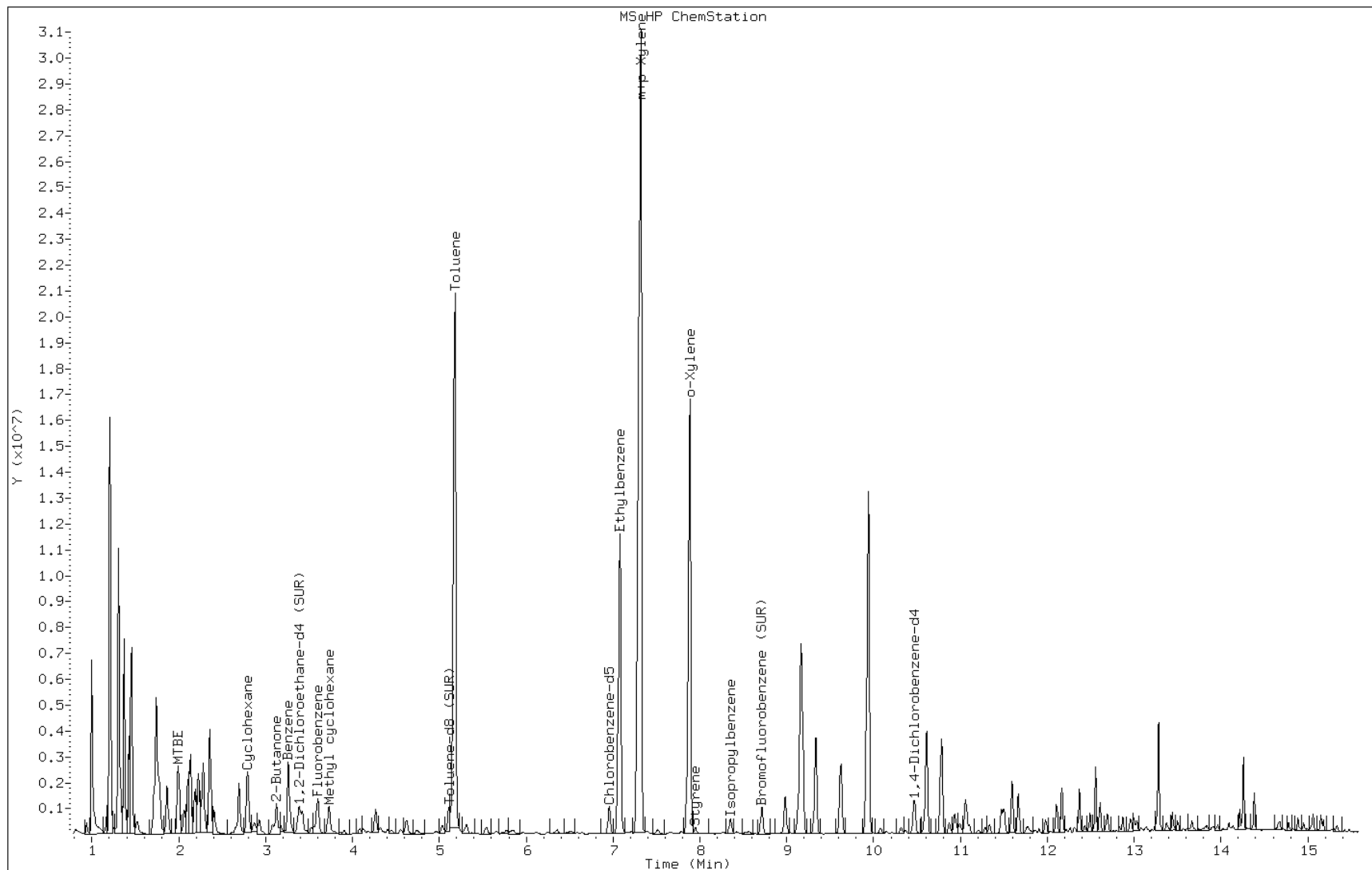
Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5



Data File: e06697.d

Date: 13-AUG-2012 15:38

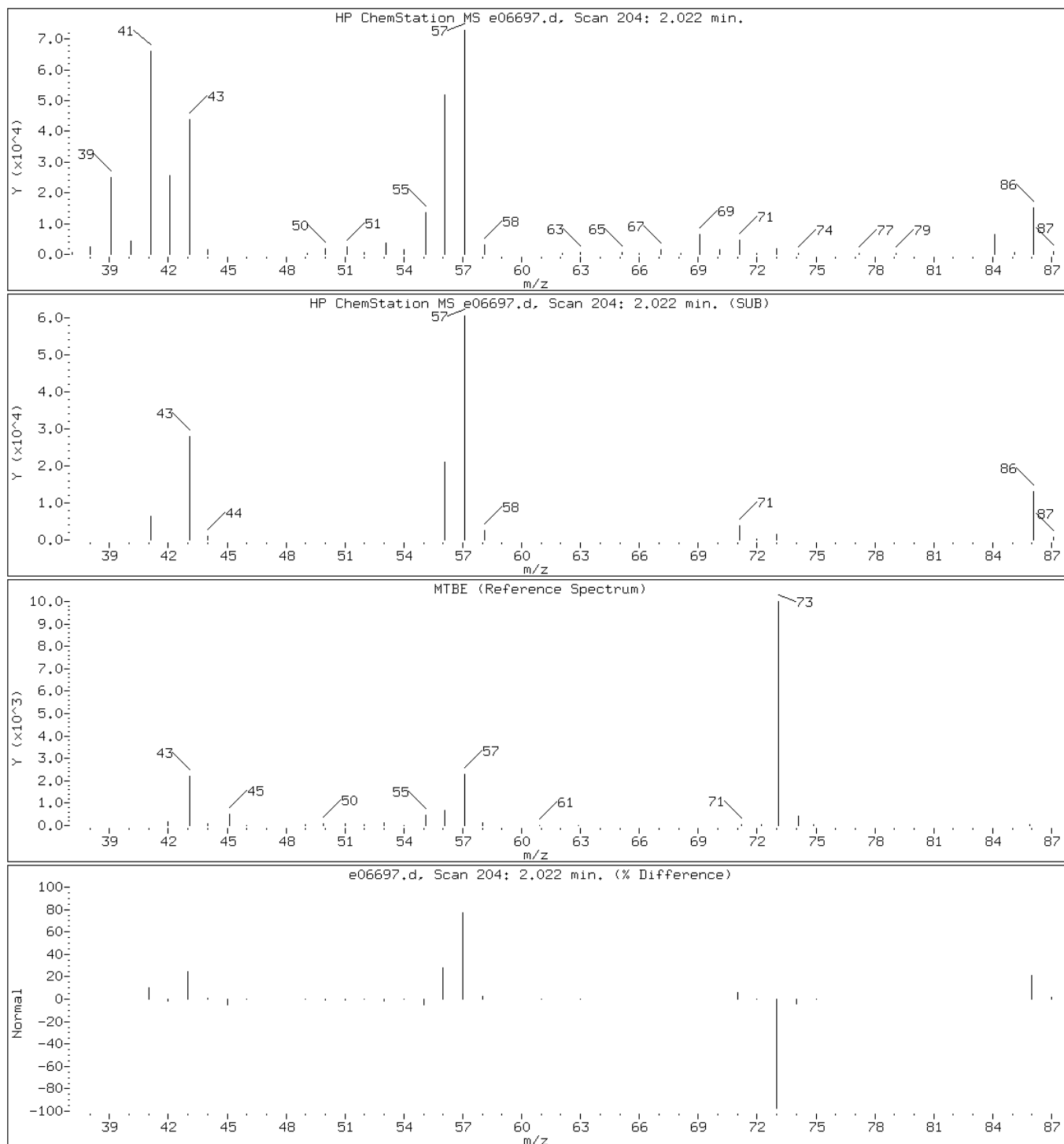
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

28 MTBE



Data File: e06697.d

Date: 13-AUG-2012 15:38

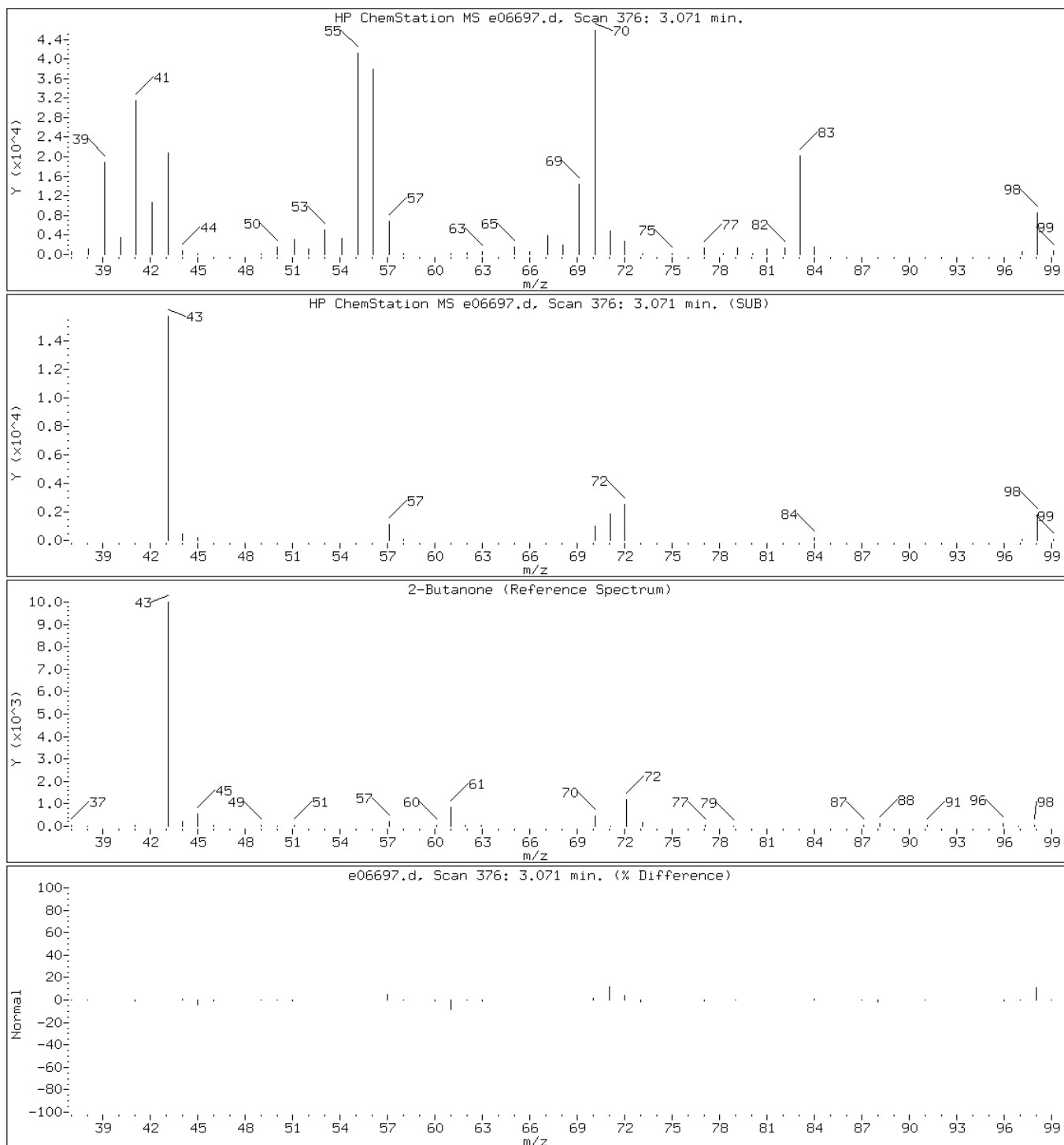
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

38 2-Butanone



Data File: e06697.d

Date: 13-AUG-2012 15:38

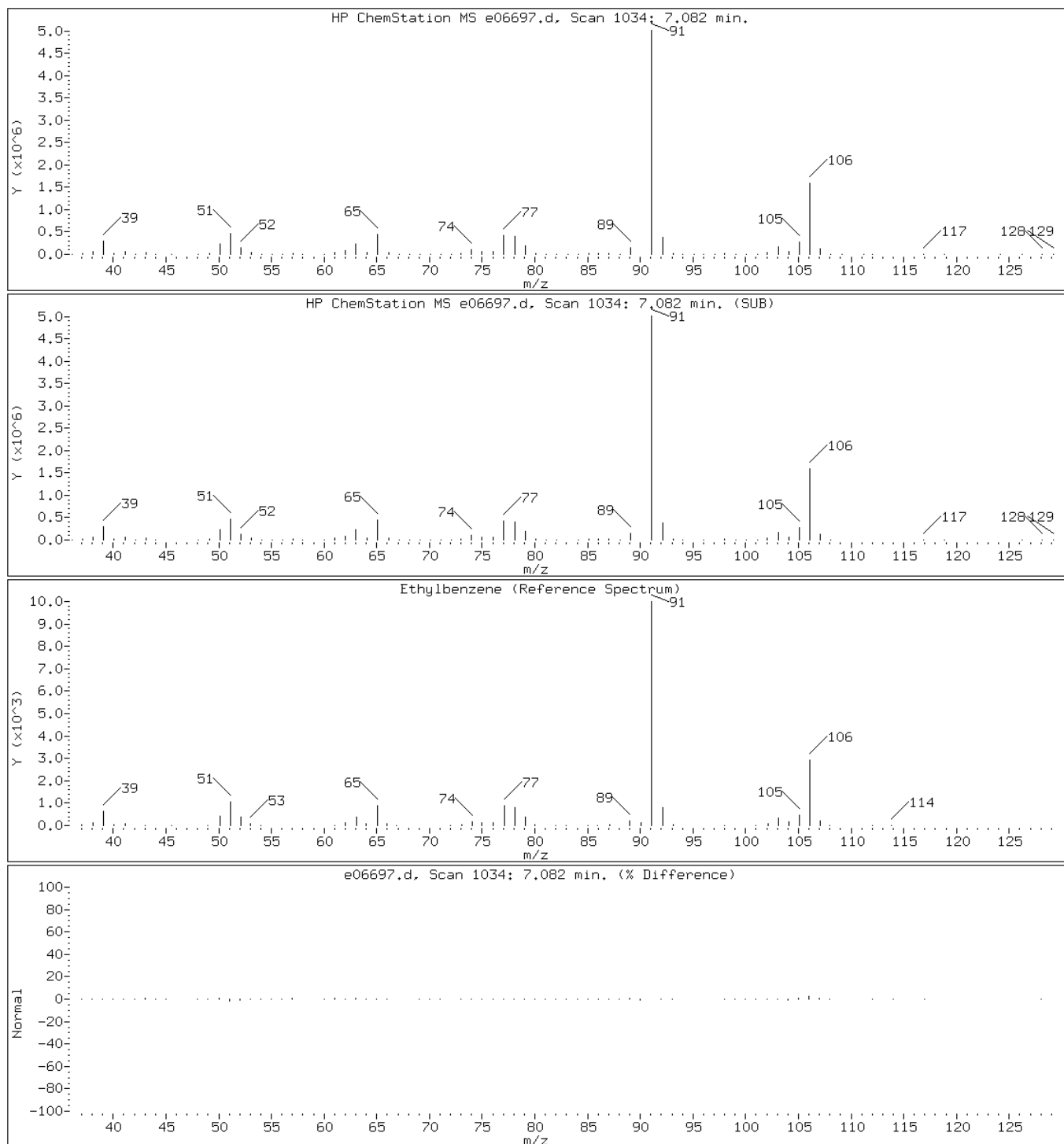
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06697.d

Date: 13-AUG-2012 15:38

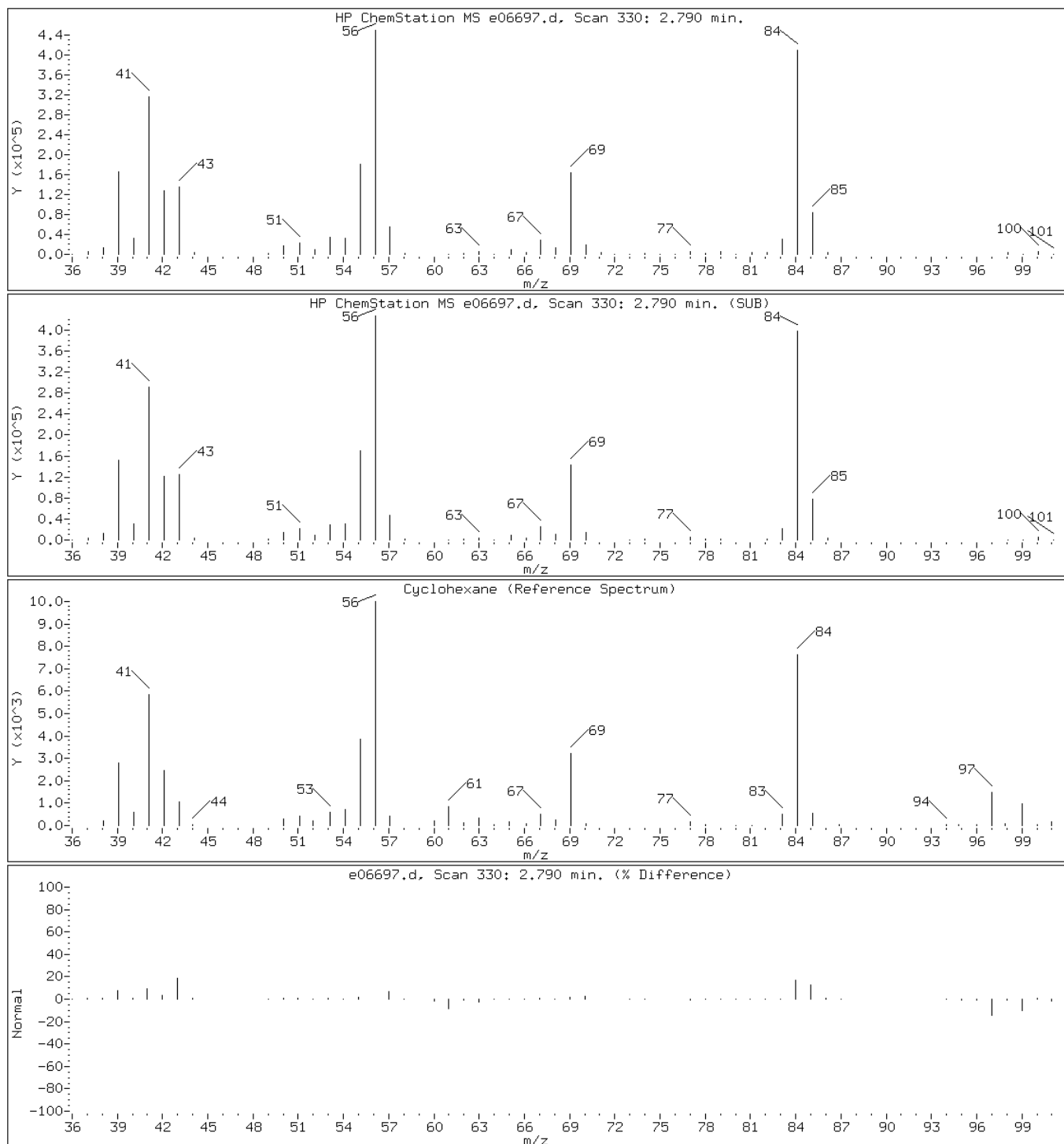
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06697.d

Date: 13-AUG-2012 15:38

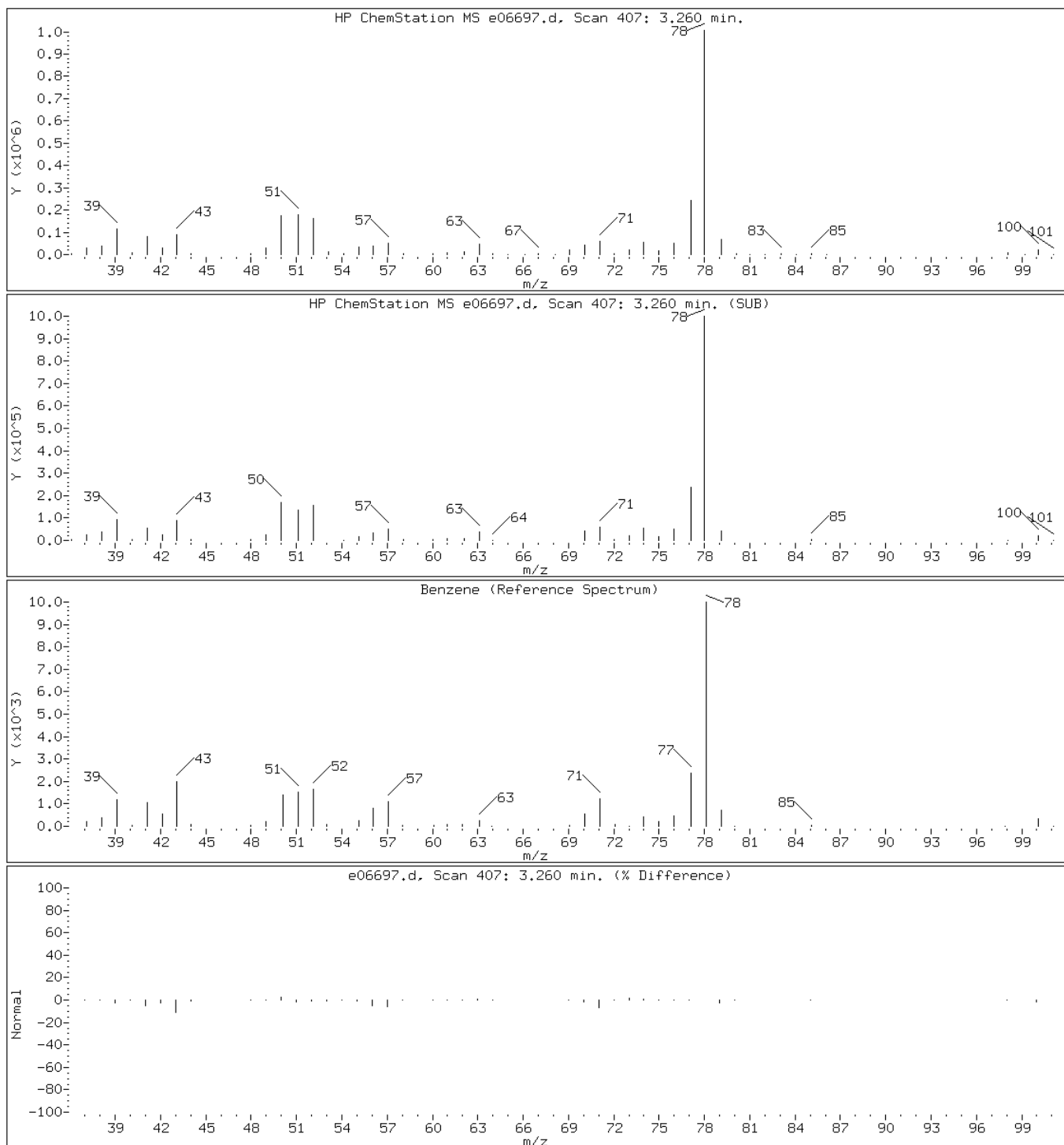
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06697.d

Date: 13-AUG-2012 15:38

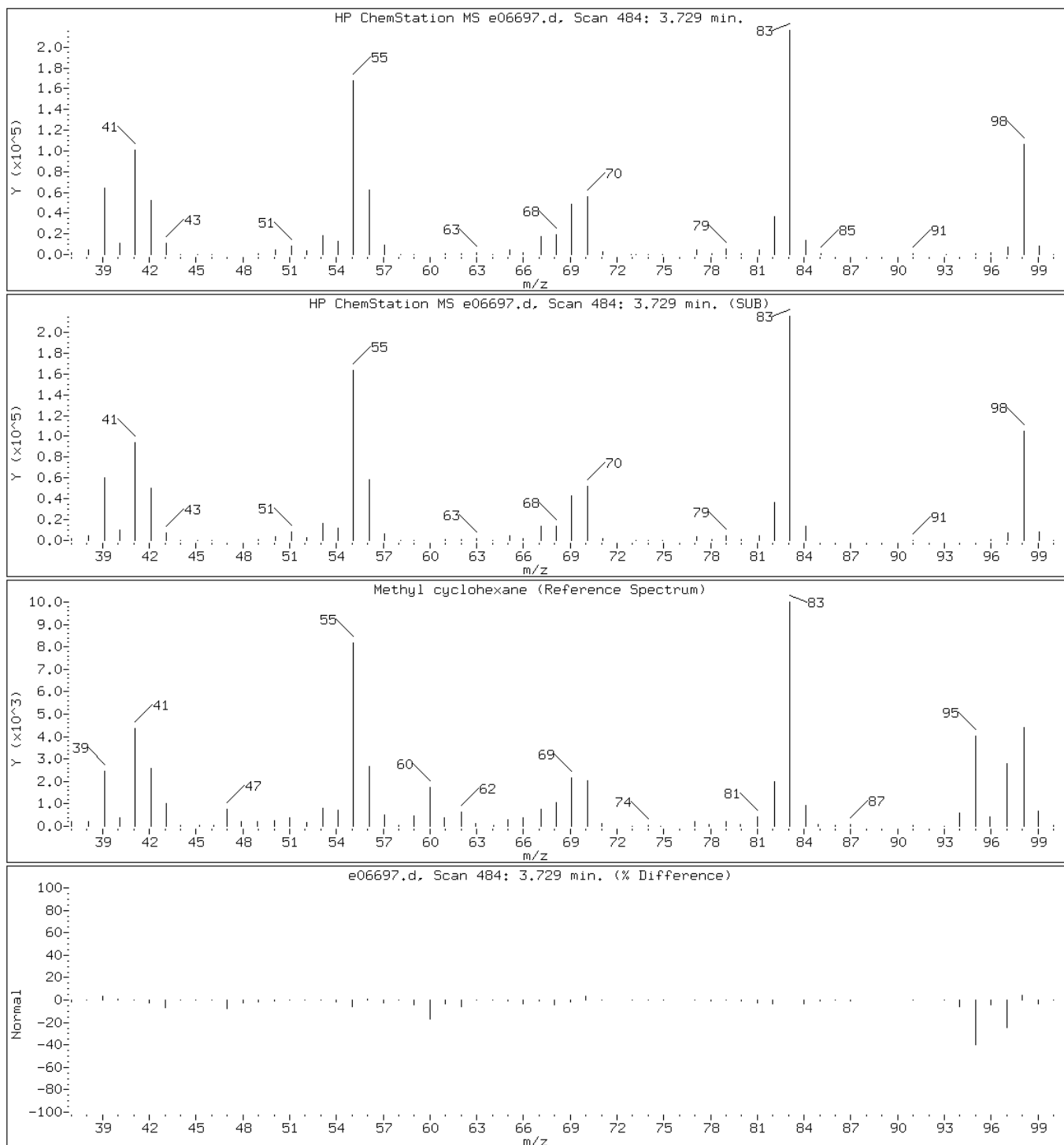
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06697.d

Date: 13-AUG-2012 15:38

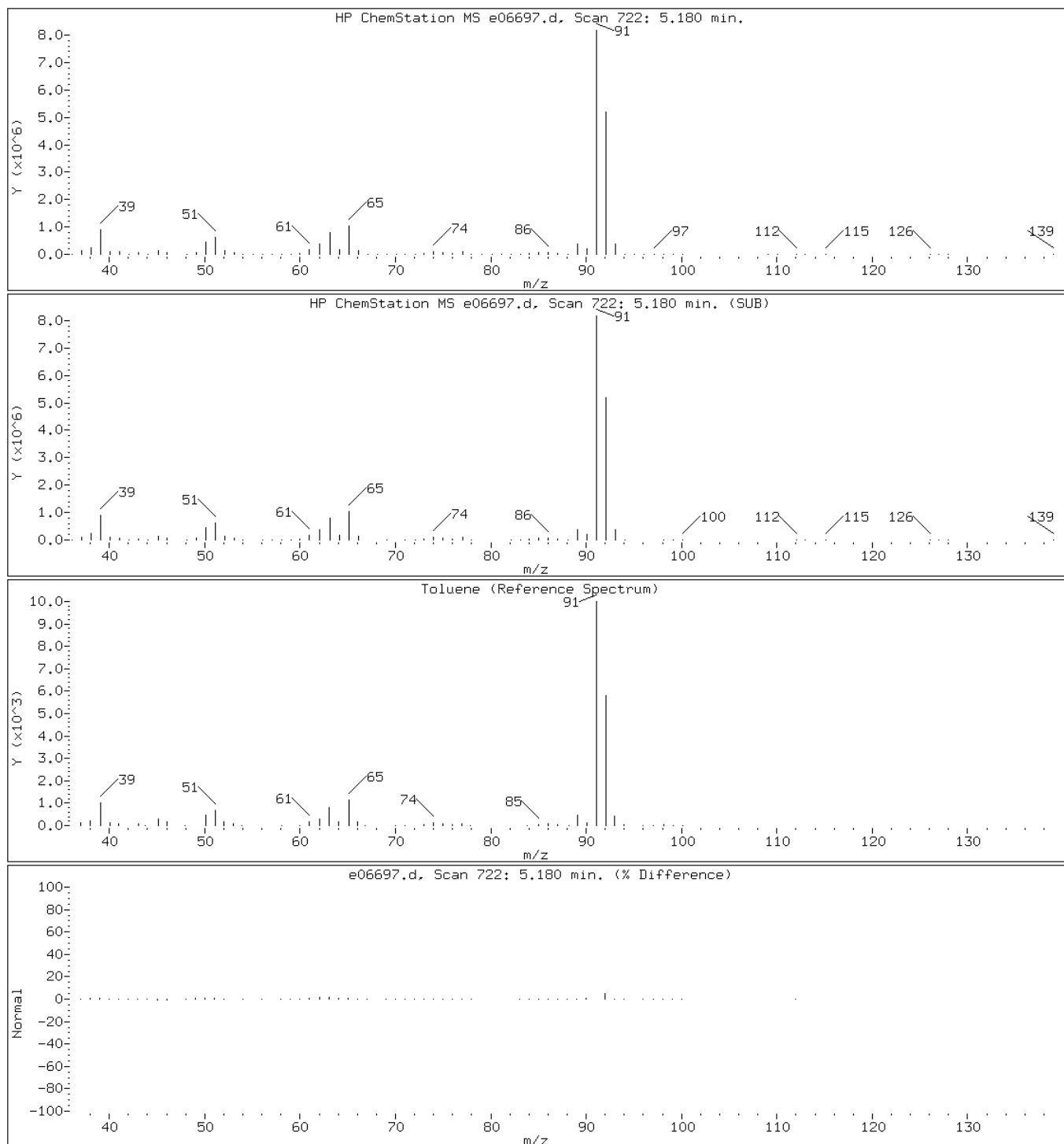
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06697.d

Date: 13-AUG-2012 15:38

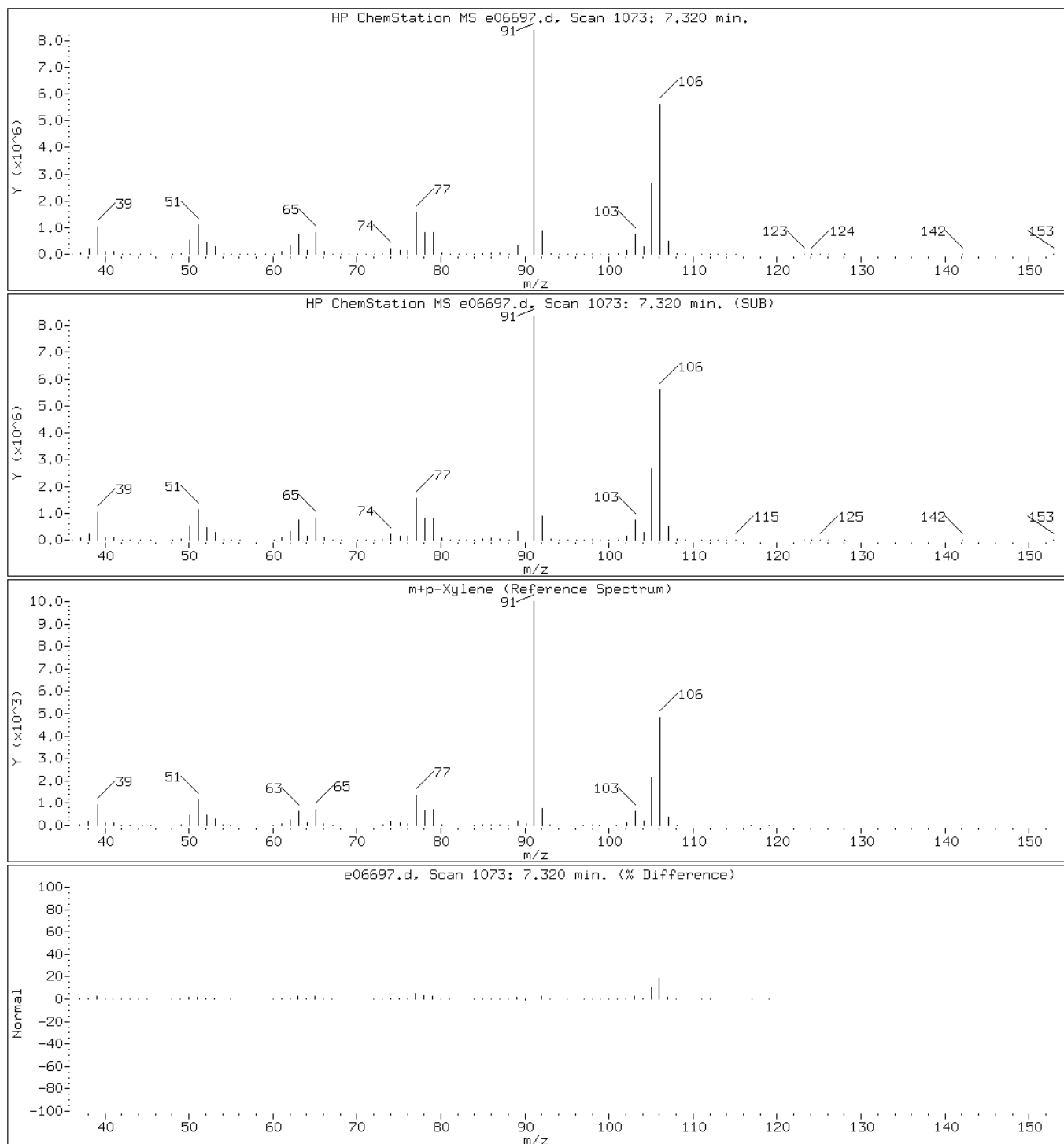
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06697.d

Date: 13-AUG-2012 15:38

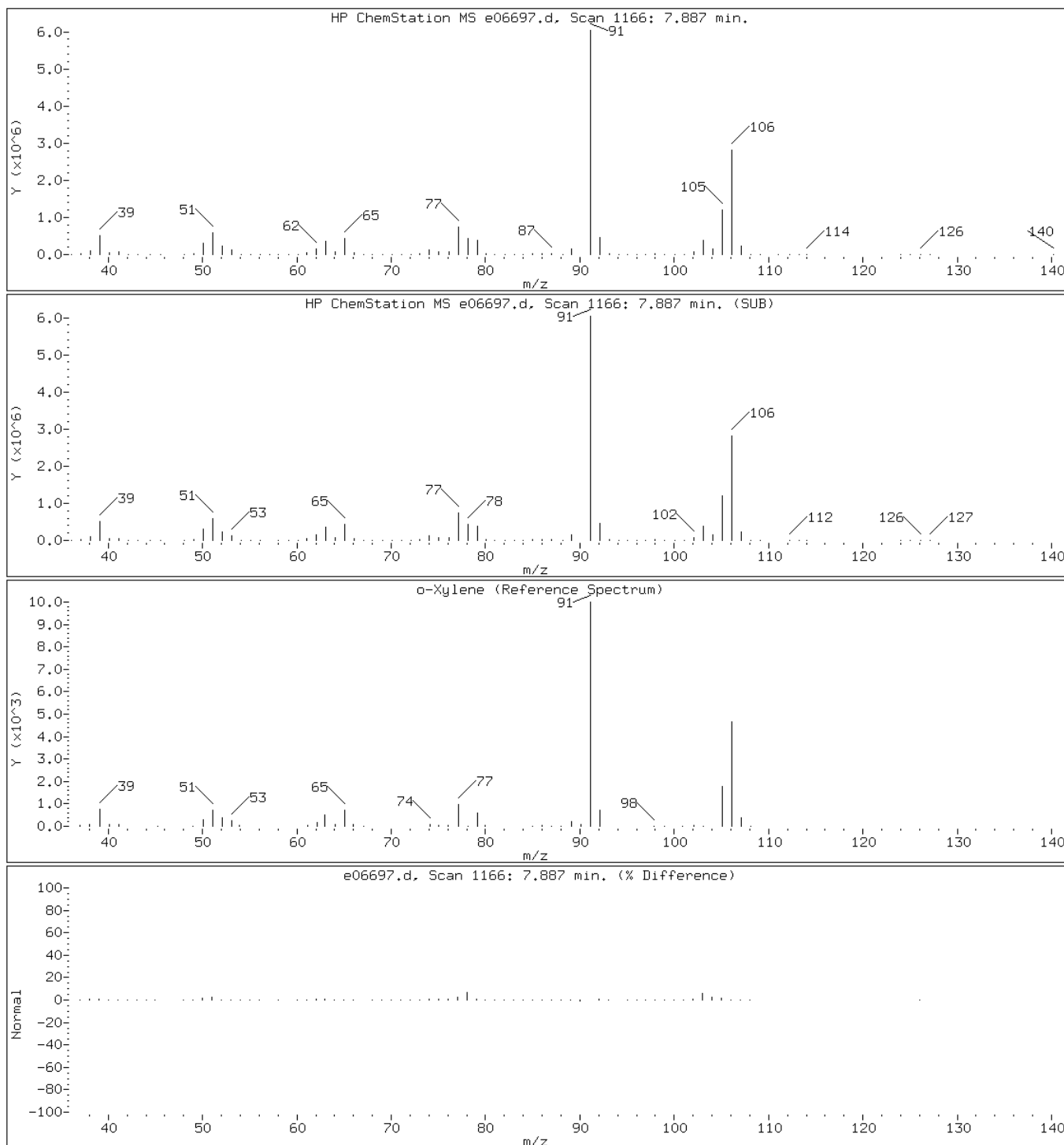
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06697.d

Date: 13-AUG-2012 15:38

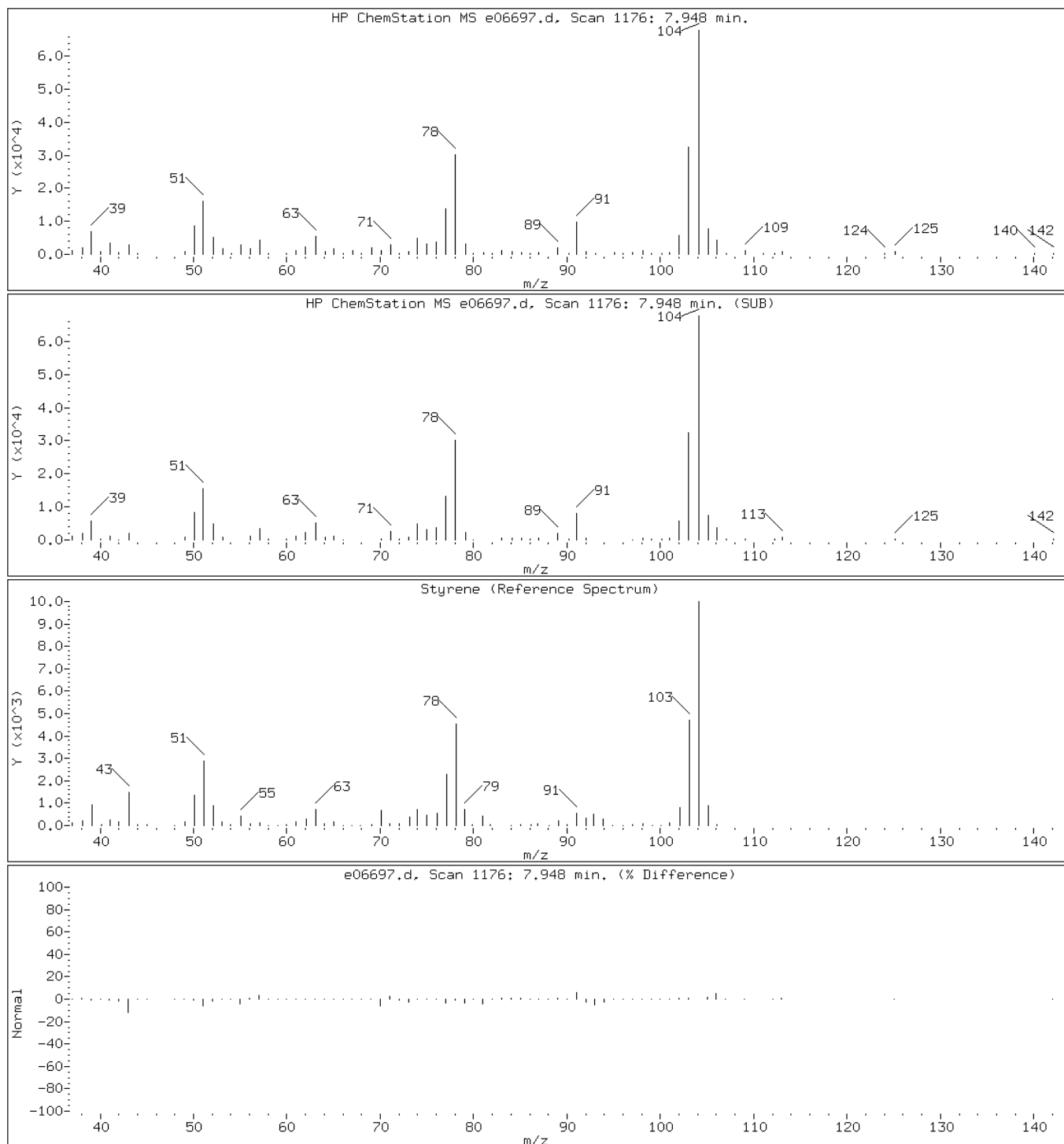
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06697.d

Date: 13-AUG-2012 15:38

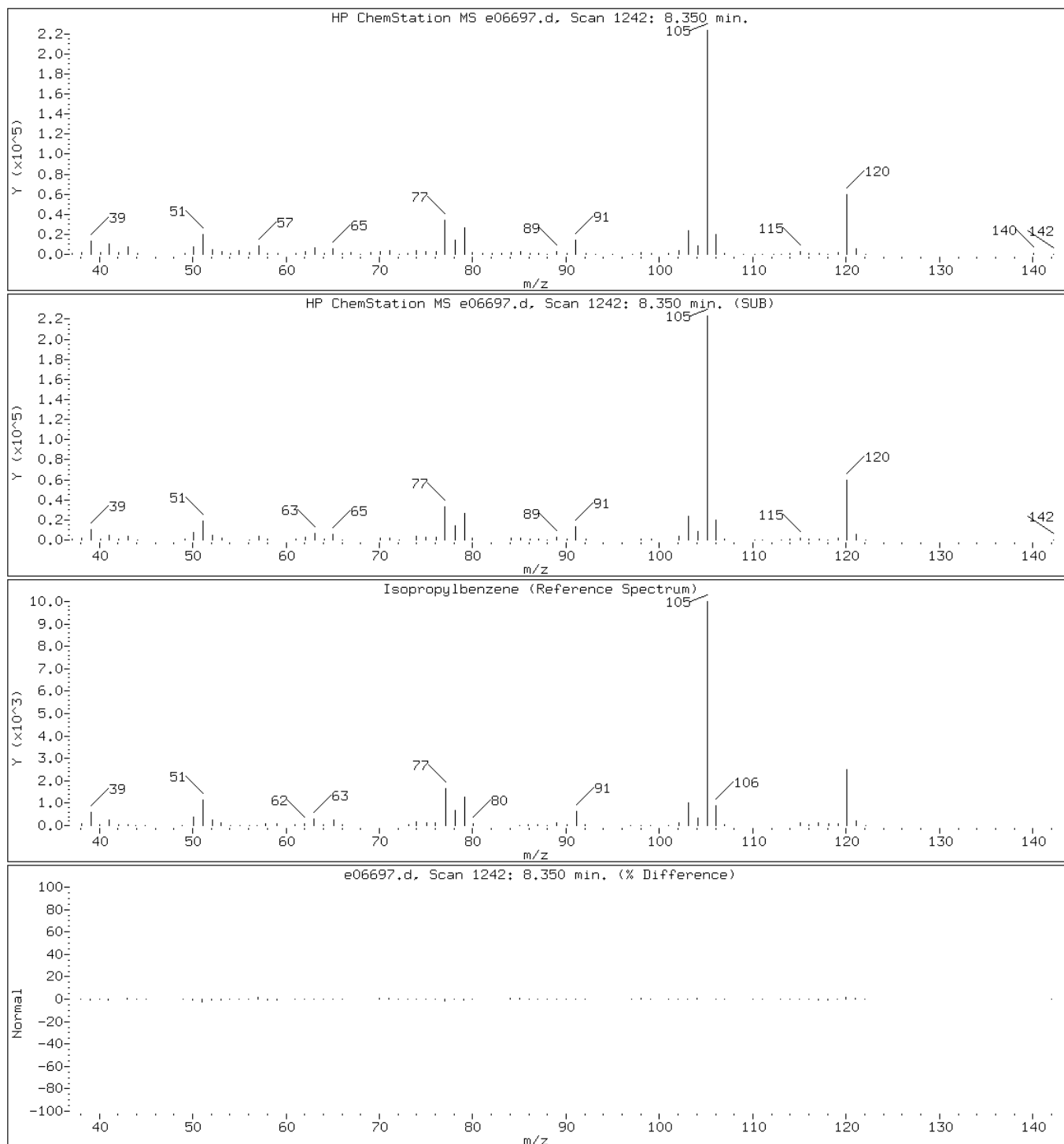
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

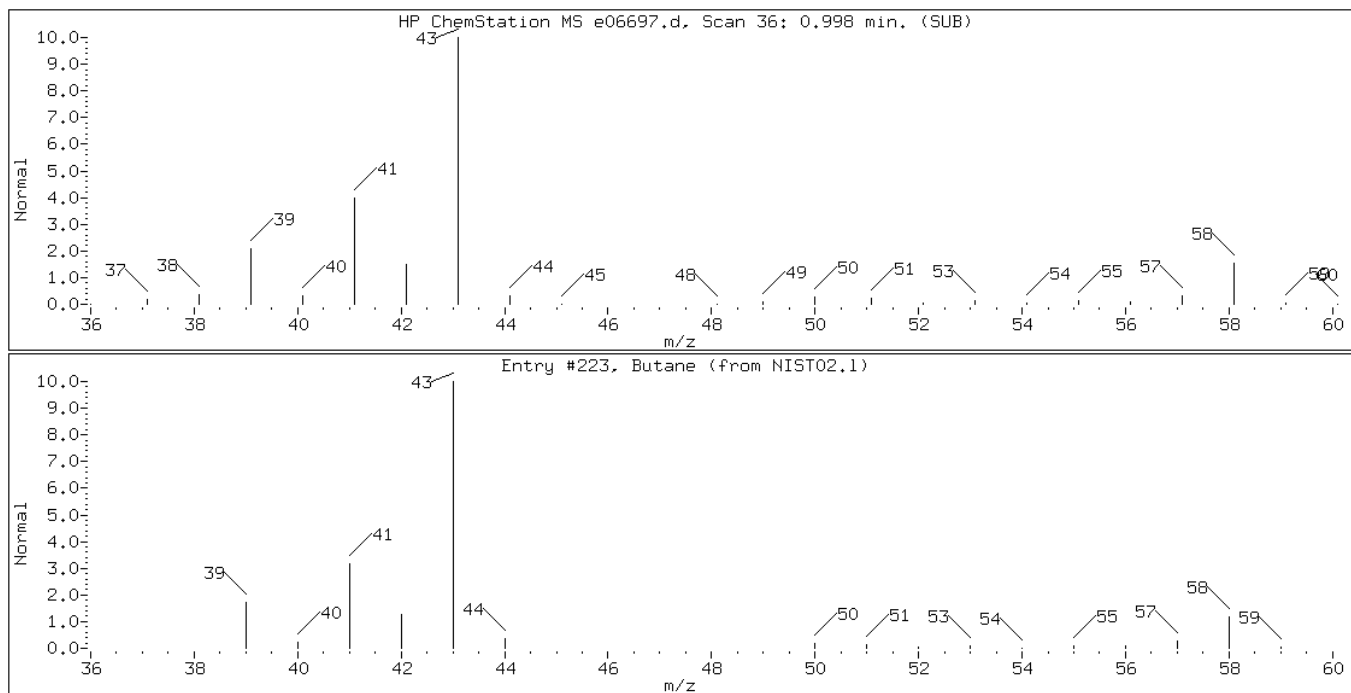
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 1.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butane	106-97-8	NIST02.1	223	72	C4H10	58



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

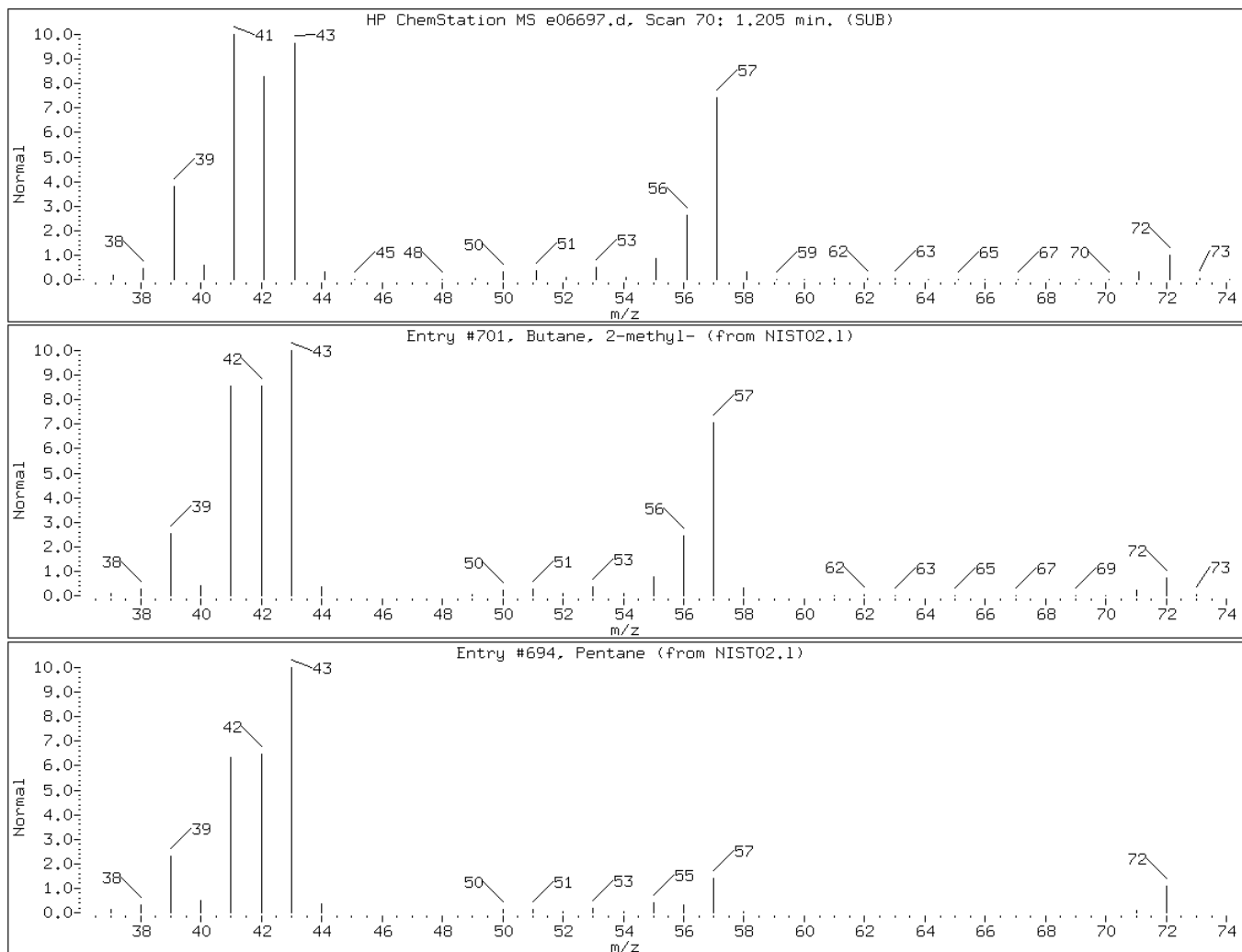
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

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: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

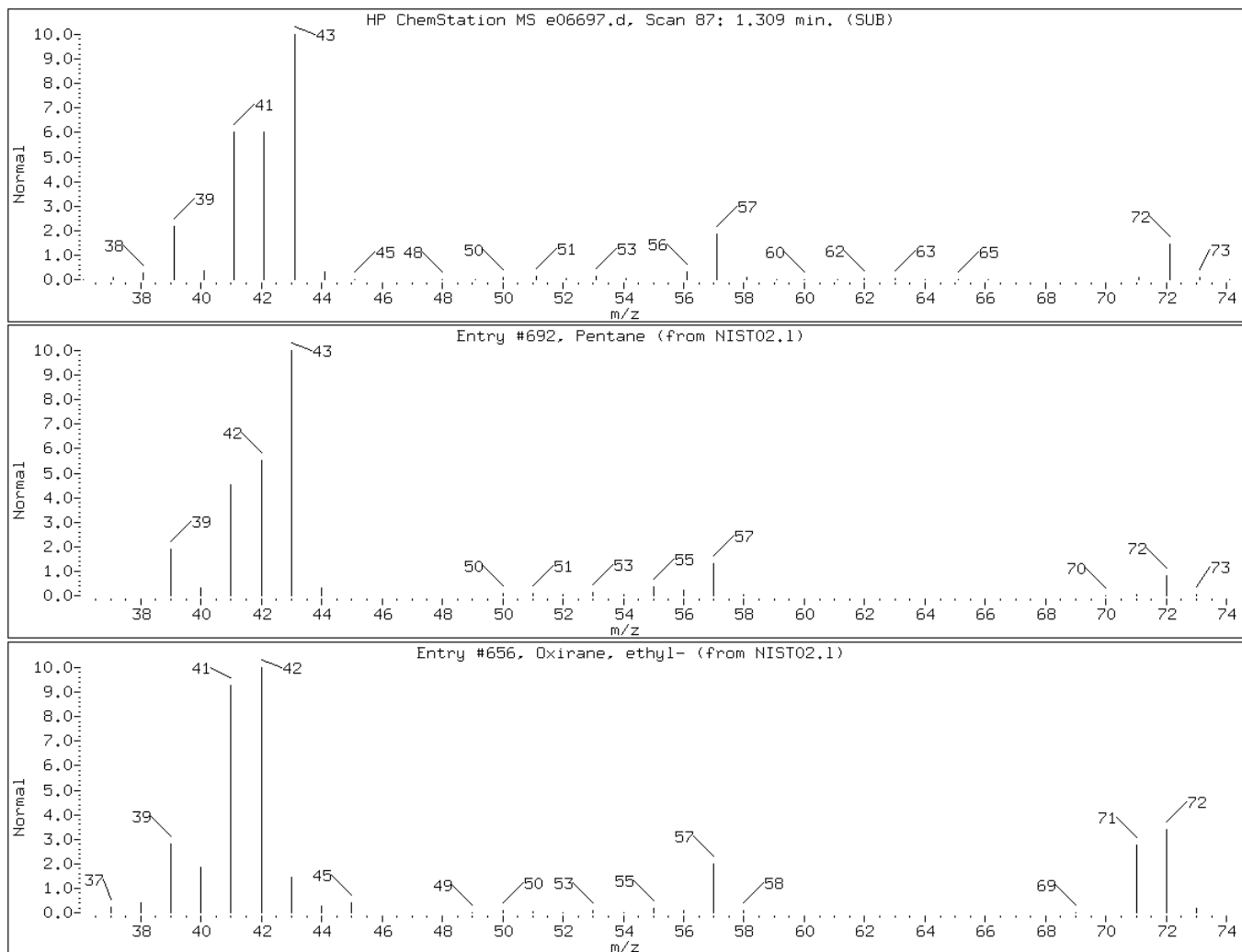
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 1.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentane	109-66-0	NIST02.1	692	86	C5H12	72
Oxirane, ethyl-	106-88-7	NIST02.1	656	50	C4H8O	72



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

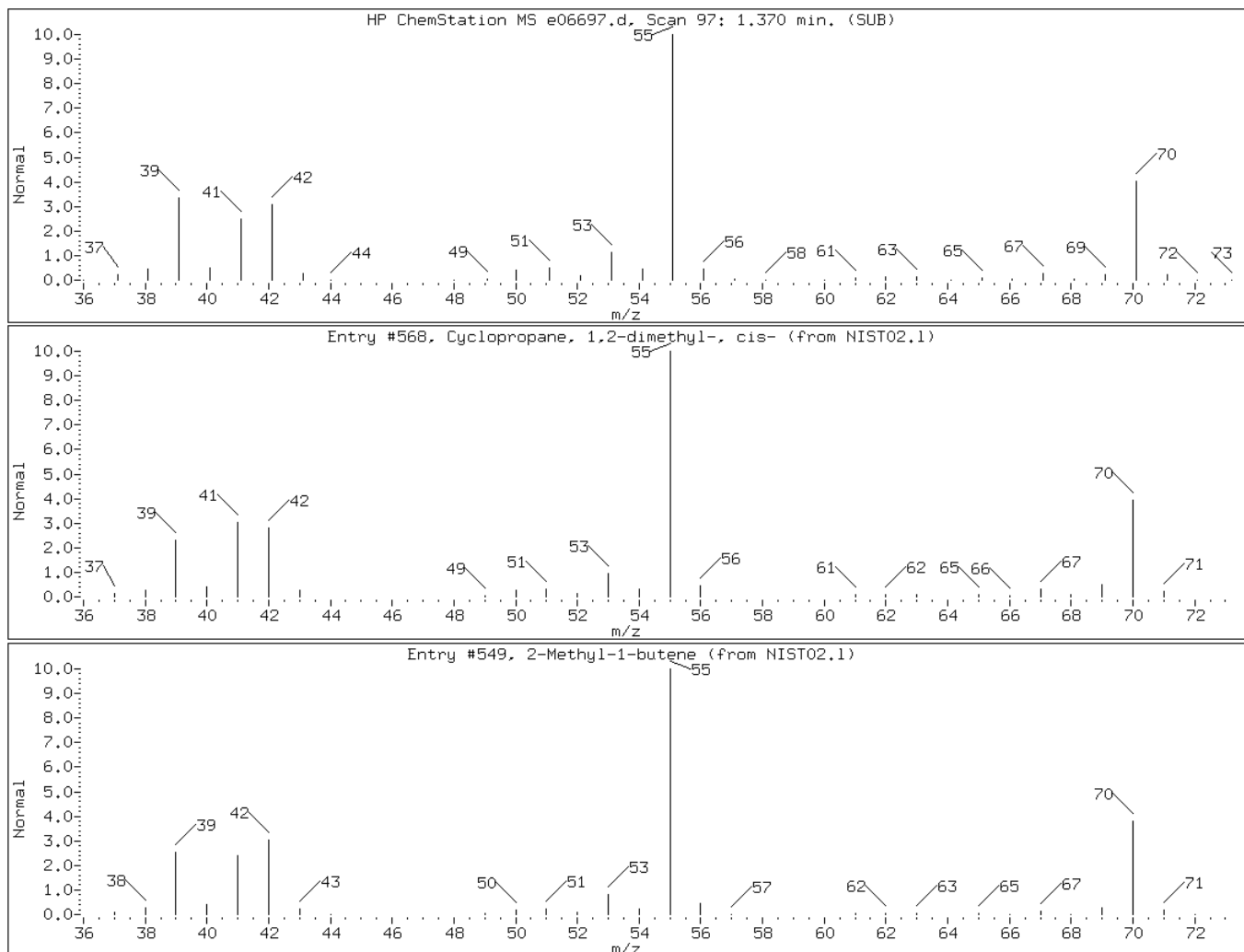
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 1.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene						
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	90	C5H10	70
2-Methyl-1-butene	563-46-2	NIST02.1	549	90	C5H10	70



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

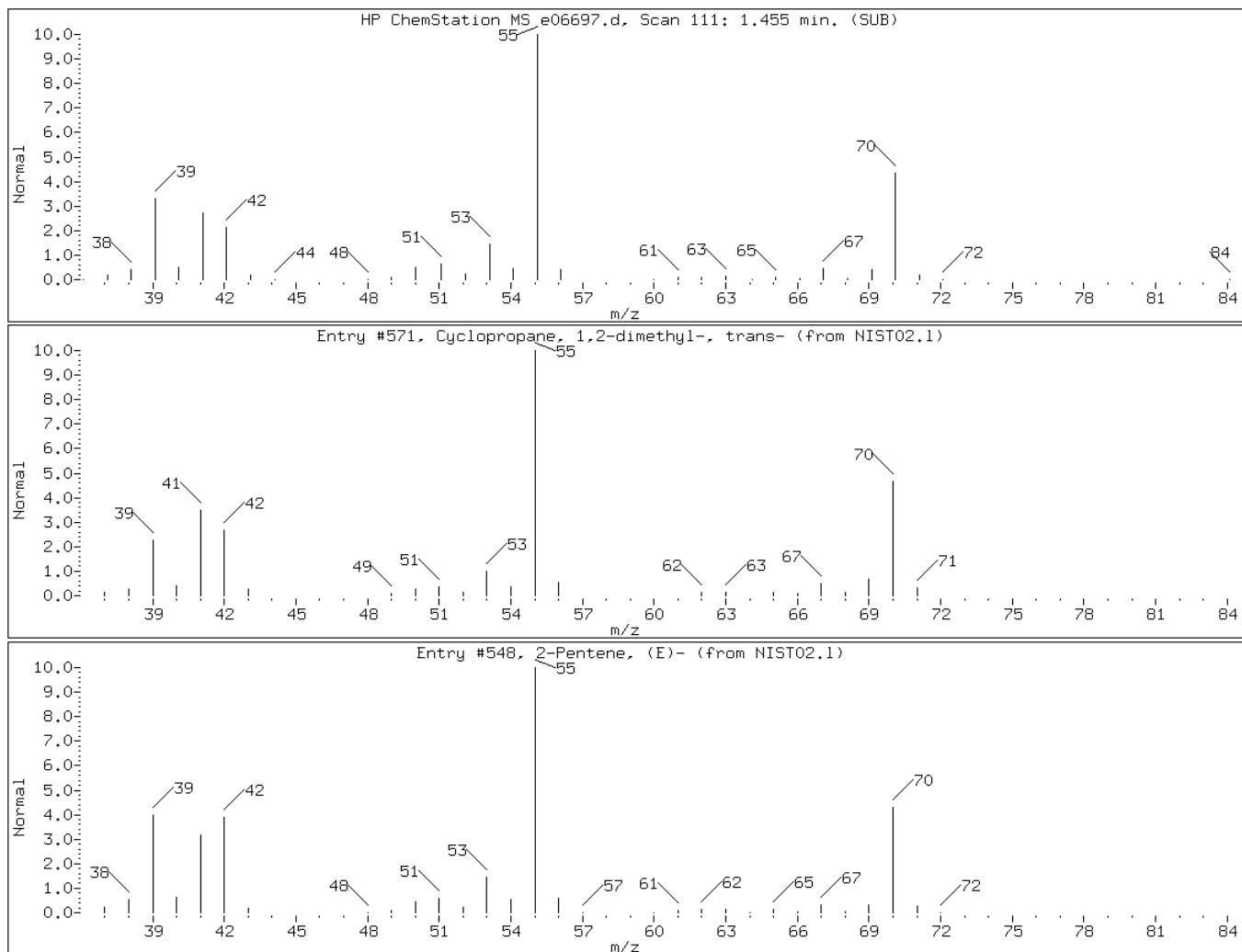
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 1.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H10 Alkene-1						
Cyclopropane, 1,2-dimethyl-, trans	2402-06-4	NIST02.1	571	87	C5H10	70
2-Pentene, (E)-	646-04-8	NIST02.1	548	87	C5H10	70



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

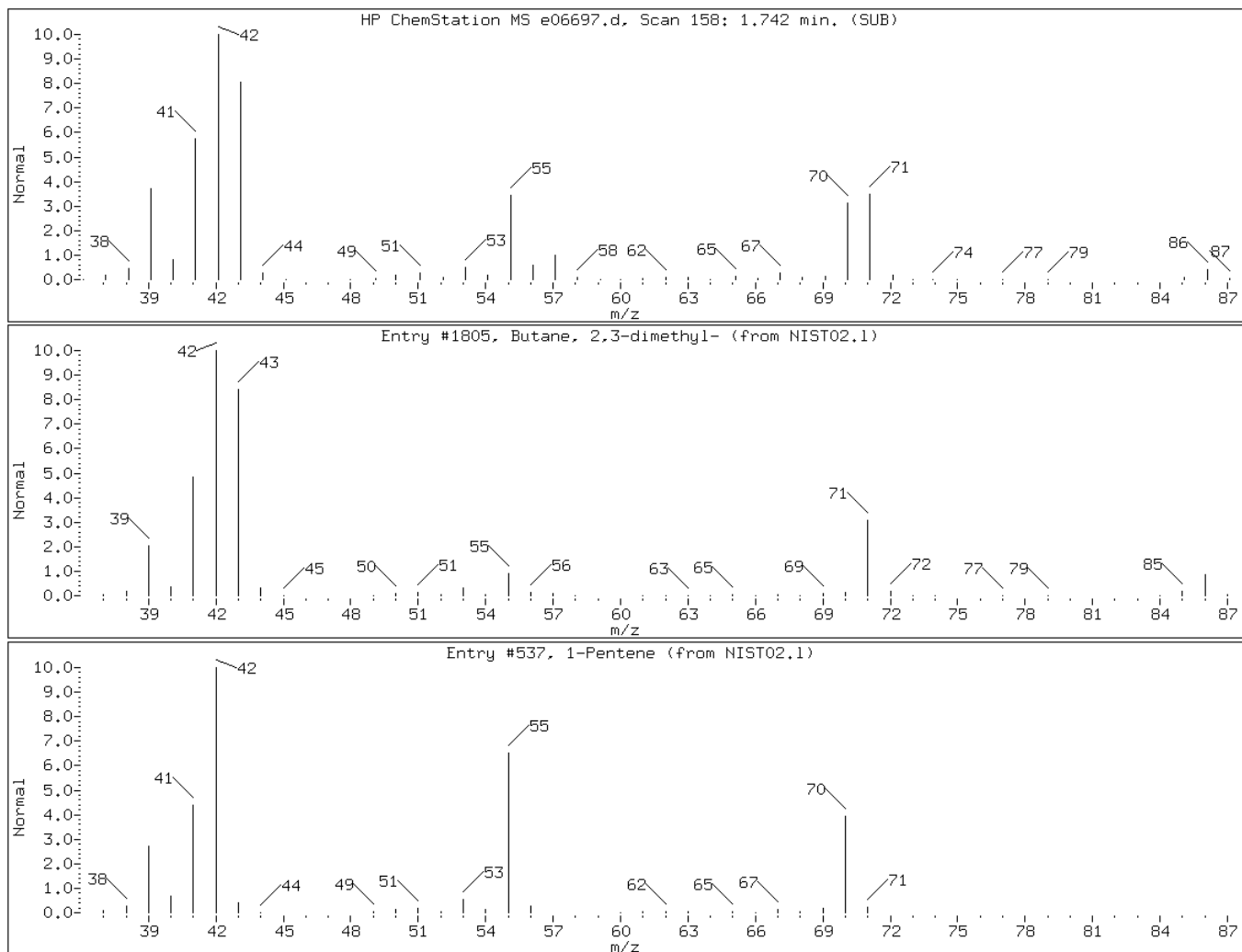
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

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: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

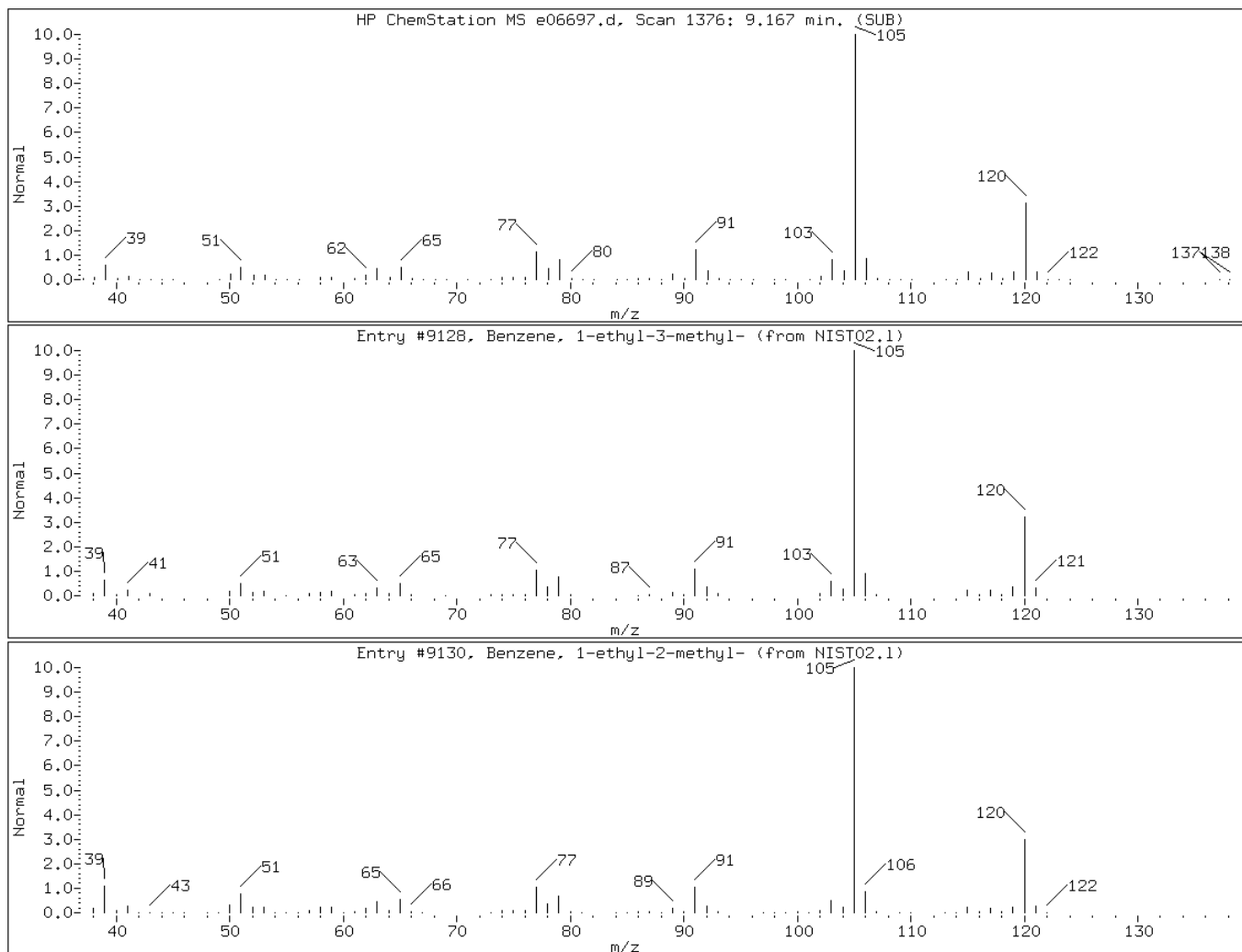
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 9.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	97	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9130	95	C9H12	120



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

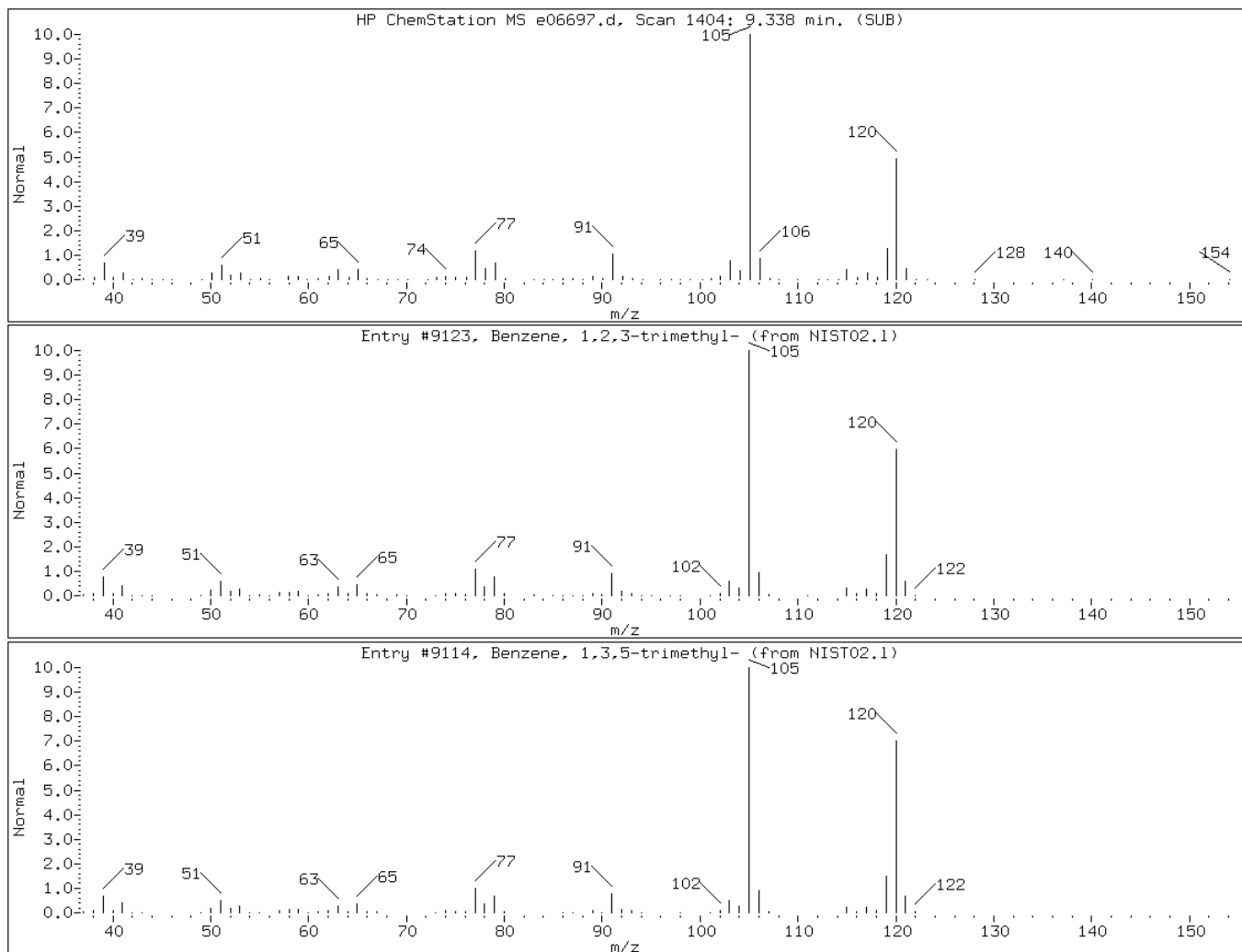
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 9.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.1	9114	97	C9H12	120



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

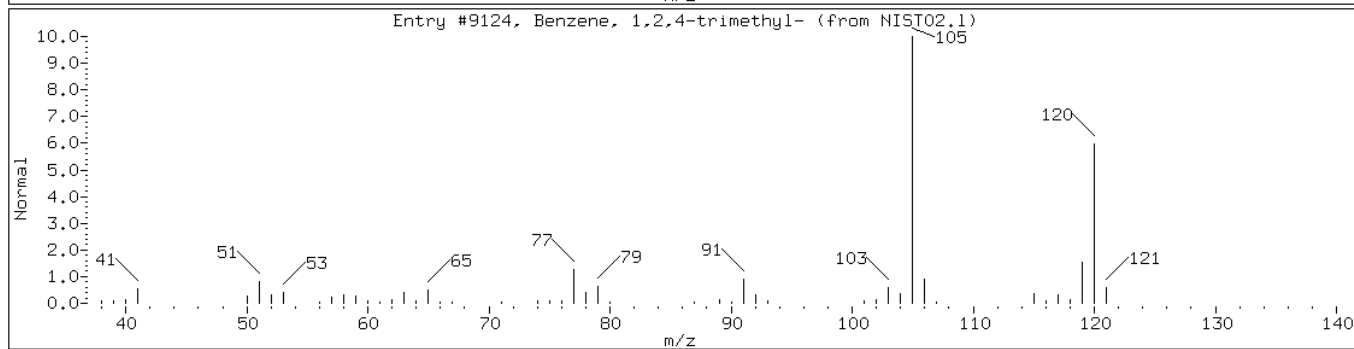
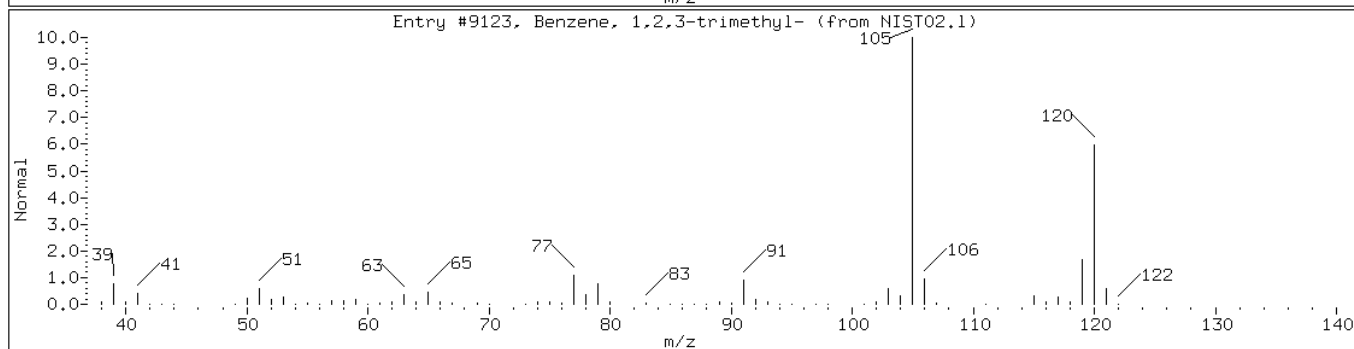
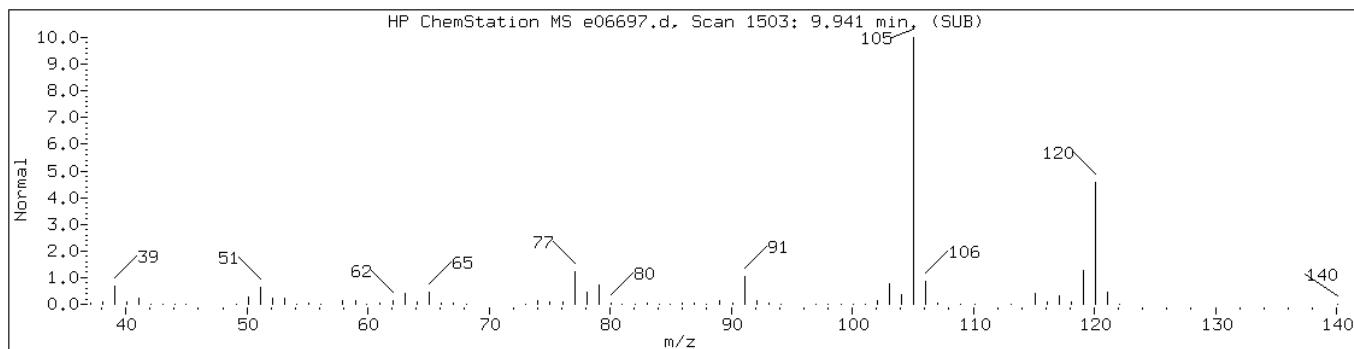
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 9.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9124	95	C9H12	120



Data File: e06697.d

Date: 13-AUG-2012 15:38

Client ID: WG-17338-080812-VAS

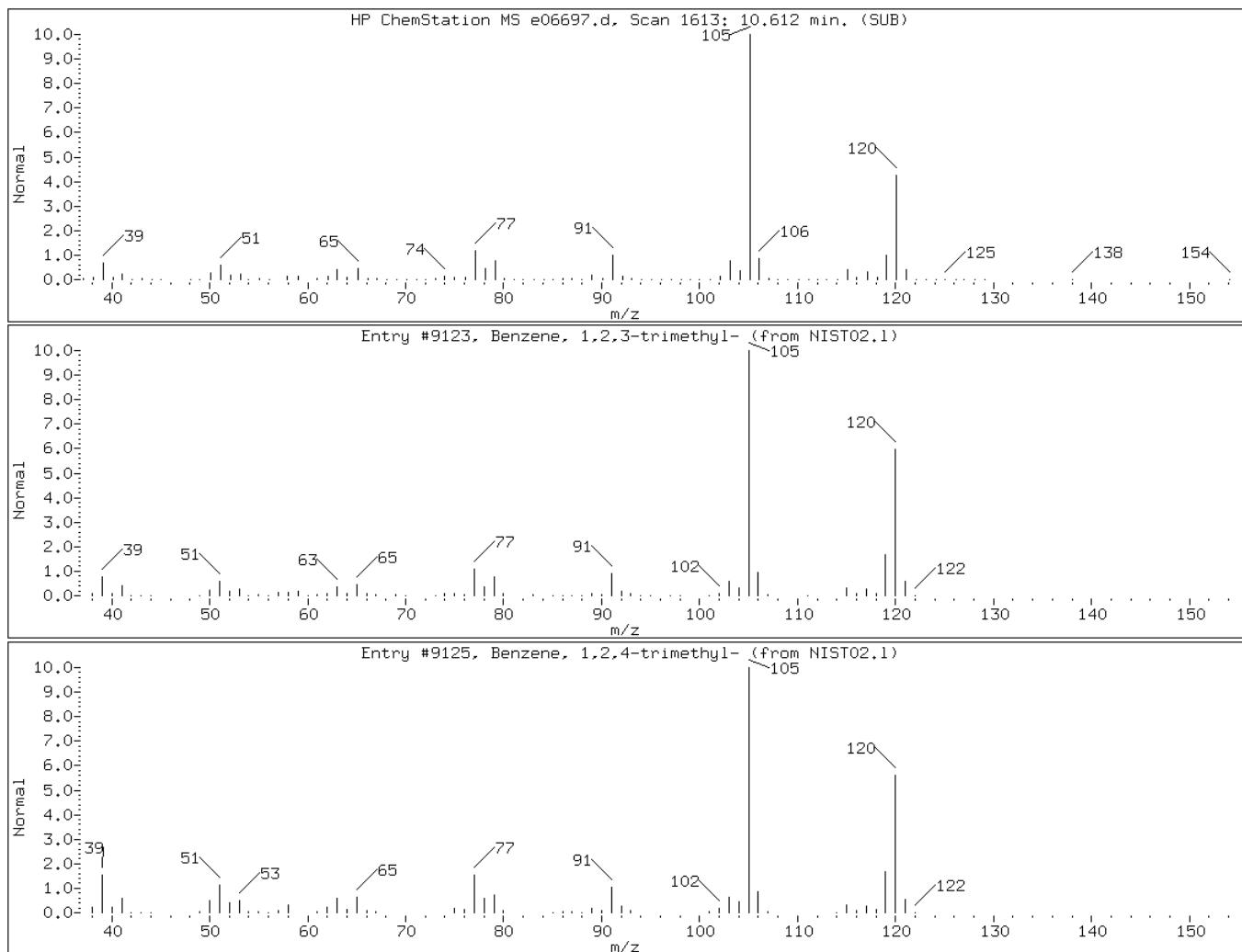
Instrument: VOAMS5.i

Sample Info: 460-43314-B-8;5

Operator: GC/MS VOAMS5

Retention Time: 10.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9125	91	C9H12	120



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 DL
 Matrix: Water Lab File ID: e06592.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	20	1.2
75-71-8	Dichlorodifluoromethane	4.4	U	20	4.4
74-87-3	Chloromethane	2.0	U	20	2.0
75-01-4	Vinyl chloride	2.8	U	20	2.8
74-83-9	Bromomethane	3.6	U	20	3.6
96-12-8	1,2-Dibromo-3-Chloropropane	8.0	U	20	8.0
95-50-1	1,2-Dichlorobenzene	4.2	U	20	4.2
75-69-4	Trichlorofluoromethane	3.0	U	20	3.0
75-35-4	1,1-Dichloroethene	1.8	U	20	1.8
78-87-5	1,2-Dichloropropane	1.8	U	20	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	20	1.6
67-64-1	Acetone	54	U	100	54
75-15-0	Carbon disulfide	2.6	U	20	2.6
79-20-9	Methyl acetate	6.8	U	40	6.8
75-09-2	Methylene Chloride	3.6	U	20	3.6
156-60-5	trans-1,2-Dichloroethene	2.6	U	20	2.6
124-48-1	Chlorodibromomethane	4.0	U	20	4.0
1634-04-4	Methyl tert-butyl ether	2.8	U	20	2.8
75-00-3	Chloroethane	3.4	U	20	3.4
75-34-3	1,1-Dichloroethane	2.6	U	20	2.6
156-59-2	cis-1,2-Dichloroethene	3.6	U	20	3.6
78-93-3	2-Butanone (MEK)	46	U	100	46
67-66-3	Chloroform	1.6	U	20	1.6
100-41-4	Ethylbenzene	1200	D	20	2.0
110-82-7	Cyclohexane	300	D	20	3.2
56-23-5	Carbon tetrachloride	1.2	U	20	1.2
71-43-2	Benzene	530	D	20	1.6
107-06-2	1,2-Dichloroethane	3.8	U	20	3.8
79-01-6	Trichloroethene	1.8	U	20	1.8
108-87-2	Methylcyclohexane	100	D	20	2.8
75-27-4	Dichlorobromomethane	2.4	U	20	2.4
10061-01-5	cis-1,3-Dichloropropene	3.6	U	20	3.6
108-10-1	4-Methyl-2-pentanone (MIBK)	20	U	100	20
108-88-3	Toluene	3200	D	20	3.0
10061-02-6	trans-1,3-Dichloropropene	4.8	U	20	4.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 DL
 Matrix: Water Lab File ID: e06592.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	3.8	U	20	3.8
127-18-4	Tetrachloroethene	2.0	U	20	2.0
591-78-6	2-Hexanone	10	U	100	10
106-93-4	1,2-Dibromoethane	5.6	U	20	5.6
108-90-7	Chlorobenzene	2.2	U	20	2.2
1330-20-7	Xylenes, Total	5300	D	60	7.2
100-42-5	Styrene	22	D	20	2.4
75-25-2	Bromoform	3.8	U	20	3.8
98-82-8	Isopropylbenzene	35	D	20	1.6
79-34-5	1,1,2,2-Tetrachloroethane	3.2	U	20	3.2
541-73-1	1,3-Dichlorobenzene	2.8	U	20	2.8
106-46-7	1,4-Dichlorobenzene	4.6	U	20	4.6
120-82-1	1,2,4-Trichlorobenzene	6.8	U	20	6.8

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

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 DL
Matrix: Water Lab File ID: e06592.d
Analysis Method: 8260B Date Collected: 08/08/2012 15:00
Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 02:17
Soil Aliquot Vol: _____ Dilution Factor: 20
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123597 Units: ug/L
Number TICs Found: 10 TIC Result Total: 7520

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	<i>C4H10 Alkane</i>	<i>0.99</i>	<i>600</i>	<i>D J</i>
	<i>C5H12 Alkane</i>	<i>1.20</i>	<i>1000</i>	<i>D J</i>
	<i>C5H12 Alkane-1</i>	<i>1.30</i>	<i>890</i>	<i>D J</i>
	<i>Unknown Alkene</i>	<i>1.36</i>	<i>670</i>	<i>D J</i>
	<i>Unknown Alkene-1</i>	<i>1.45</i>	<i>1200</i>	<i>D J</i>
	<i>Unknown</i>	<i>1.74</i>	<i>830</i>	<i>D J</i>
	<i>Unknown Alkene-2</i>	<i>2.13</i>	<i>450</i>	<i>D J</i>
	<i>Unknown Cycloalkane</i>	<i>2.22</i>	<i>440</i>	<i>D J</i>
	<i>Ethylmethylbenzene isomer</i>	<i>9.15</i>	<i>610</i>	<i>D J</i>
	<i>Trimethylbenzene isomer</i>	<i>9.92</i>	<i>830</i>	<i>D J</i>

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06592.d
 Report Date: 11-Aug-2012 07:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06592.d
 Lab Smp Id: 460-43314-C-8 Client Smp ID: WG-17338-080812-VAS
 Inj Date : 11-AUG-2012 02:17
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-8;20
 Misc Info : 460-43314-C-8
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 14
 Dil Factor: 20.00000
 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	20.00000	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)	82742		15.0631	300
48 Benzene	78	3.260	3.254	(0.469)	401165		26.3029	530
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	271473		51.6630	52
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	903857		50.0000	
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	28538		5.00095	100
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	861460		49.6510	50
66 Toluene	91	5.162	5.162	(0.742)	2963442		158.798	3200
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	758861		50.0000	
81 Ethylbenzene	106	7.064	7.064	(1.016)	410333		59.5221	1200
82 m+p-Xylene	106	7.283	7.277	(1.047)	1597585		180.627	3600
84 o-Xylene	106	7.862	7.862	(1.131)	722857		83.5850	1700
85 Styrene	104	7.948	7.942	(1.143)	16668		1.11910	22
88 Isopropylbenzene	105	8.350	8.350	(1.201)	40691		1.74349	35
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	392201		49.4772	49
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	463479		50.0000	
M 121 Xylene (Total)	100				2320442		264.212	5300

Data File: e06592.d

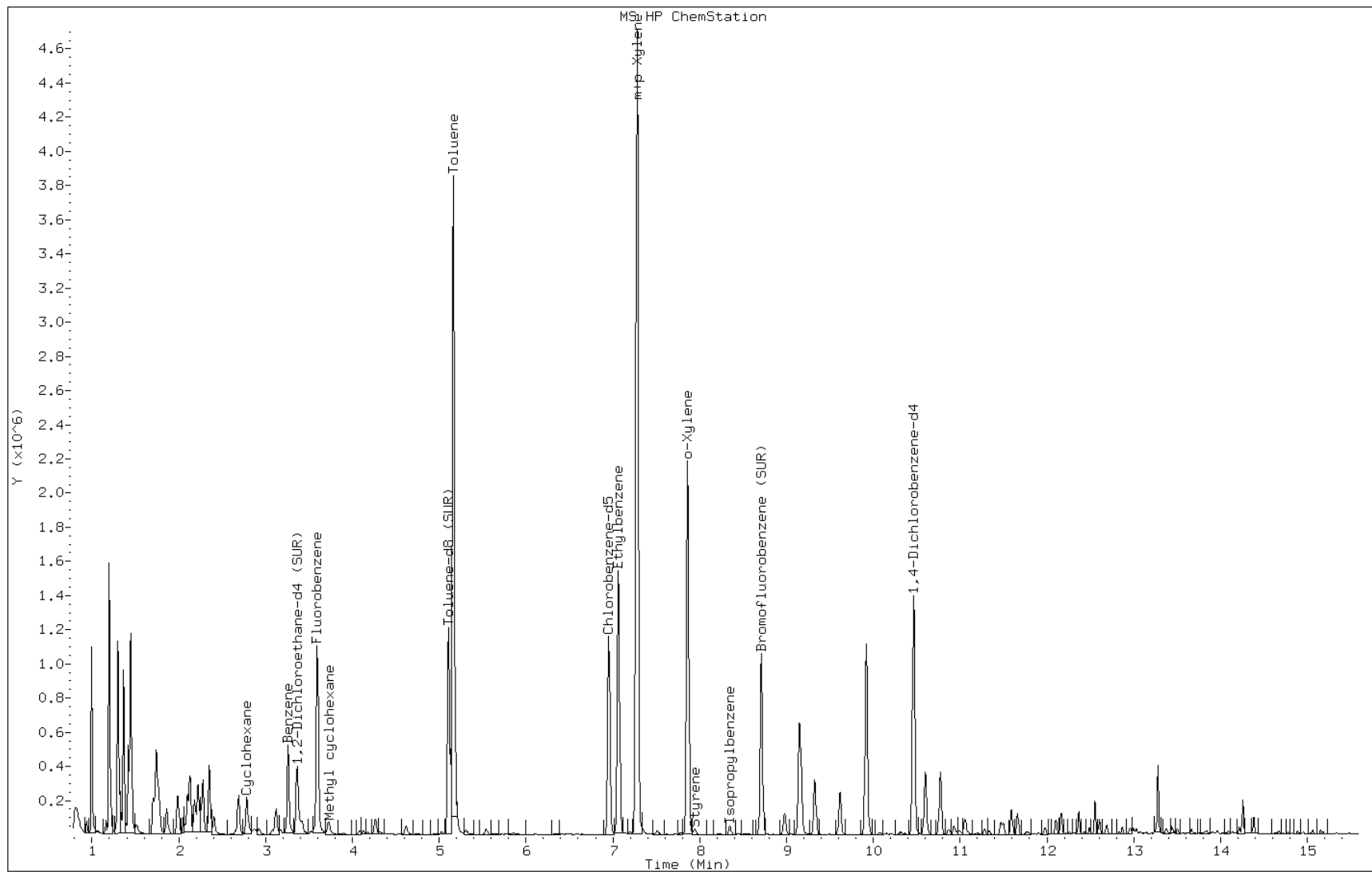
Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5



Data File: e06592.d

Date: 11-AUG-2012 02:17

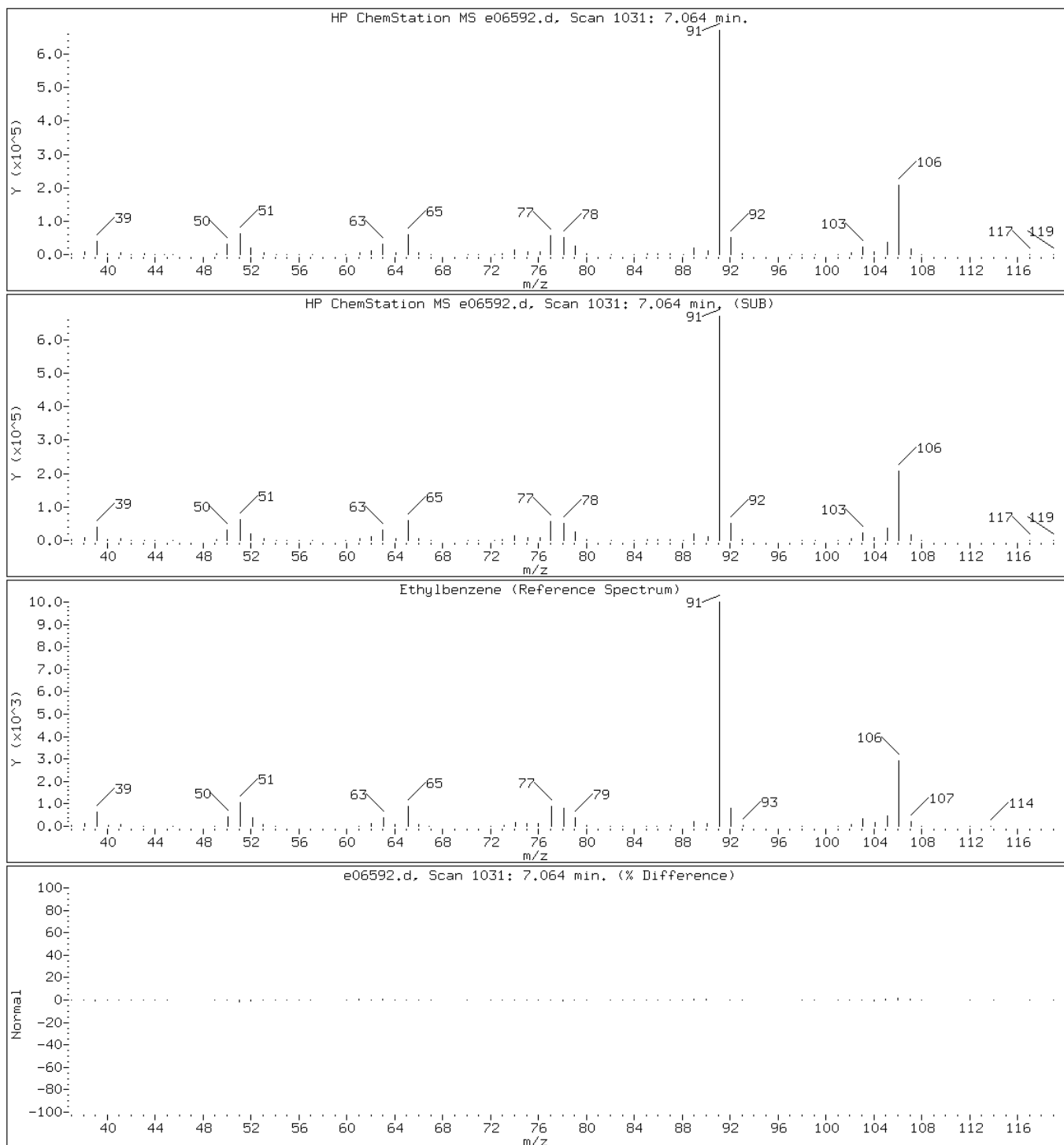
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

81 Ethylbenzene



Data File: e06592.d

Date: 11-AUG-2012 02:17

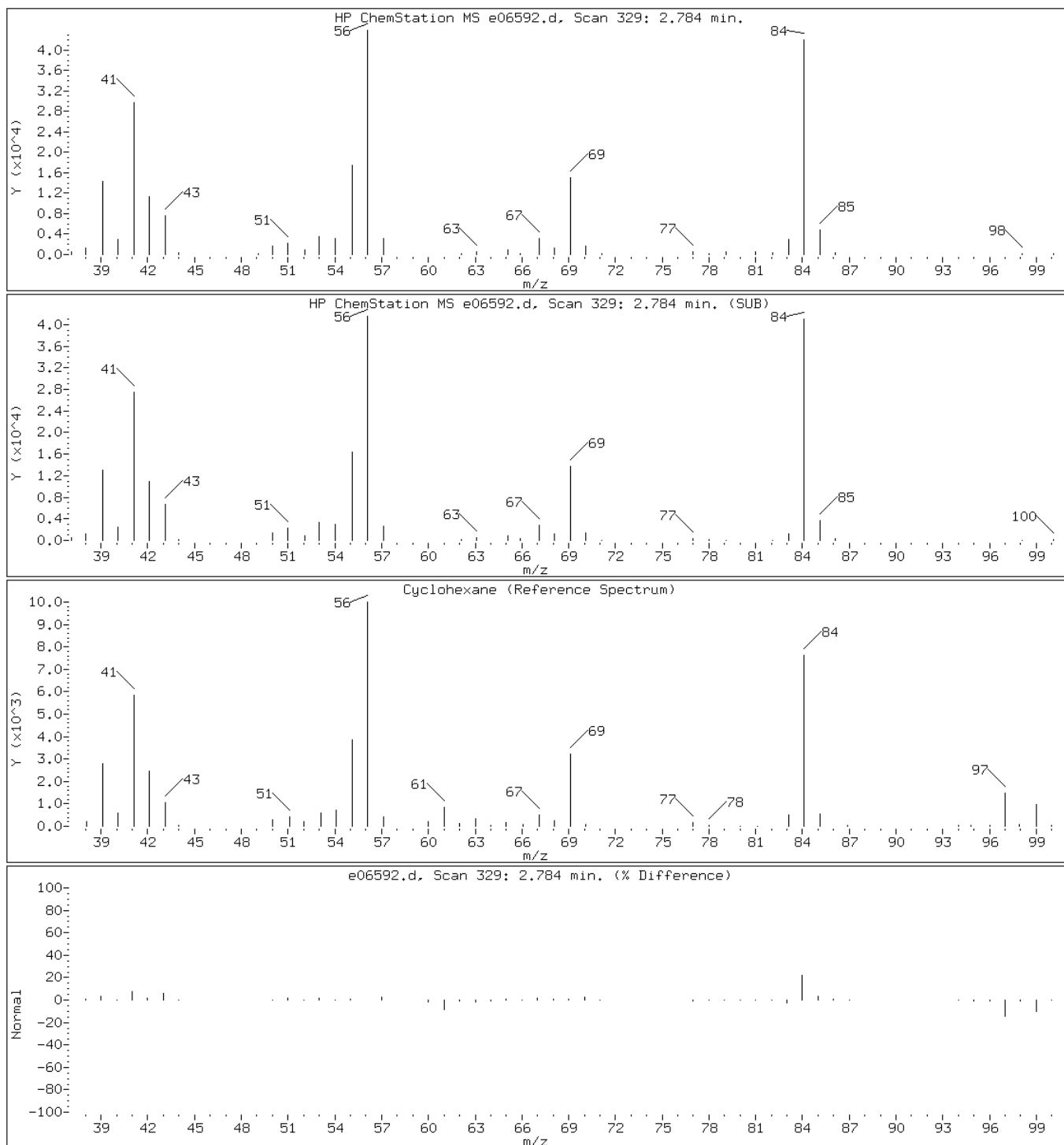
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

44 Cyclohexane



Data File: e06592.d

Date: 11-AUG-2012 02:17

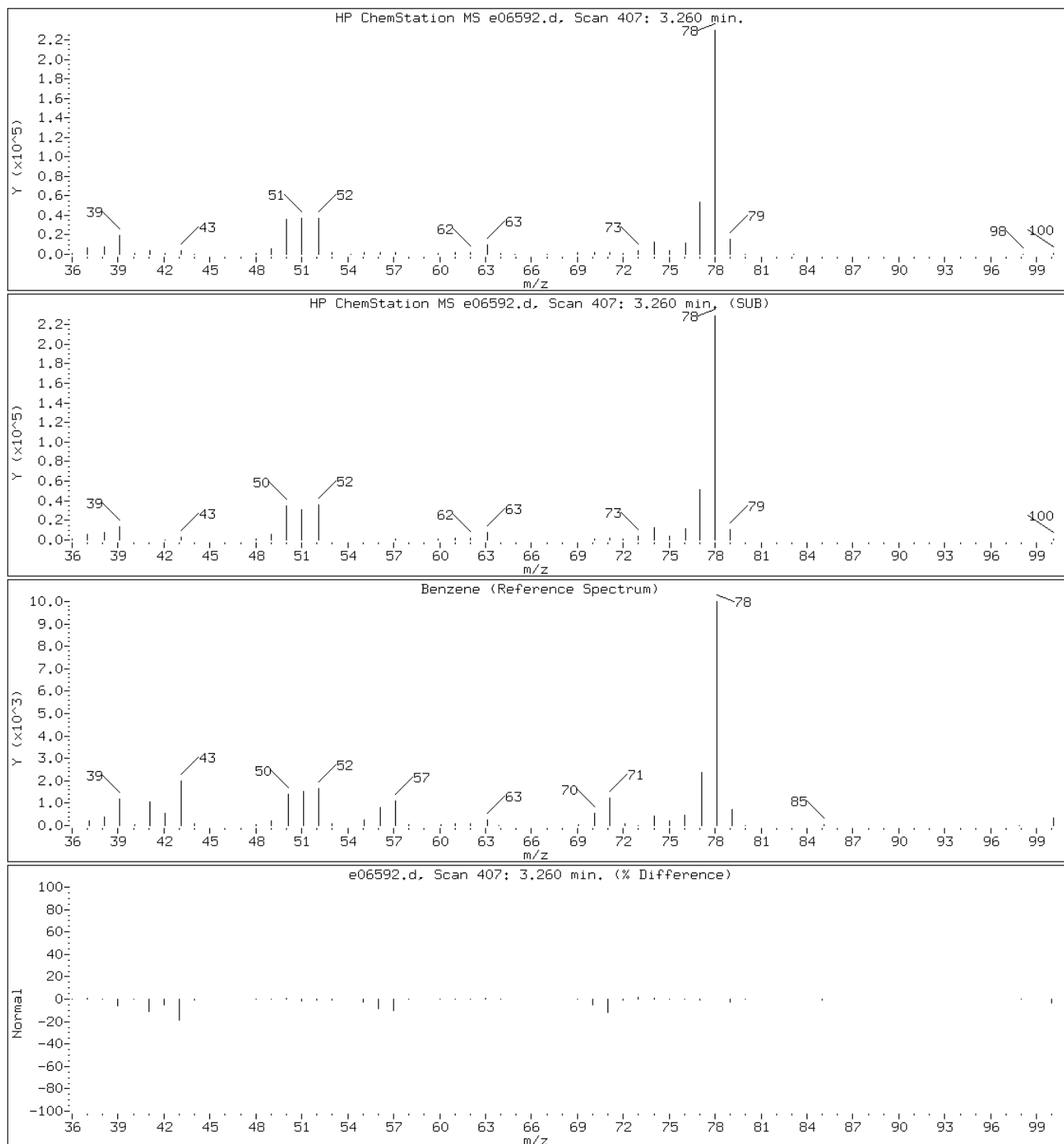
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

48 Benzene



Data File: e06592.d

Date: 11-AUG-2012 02:17

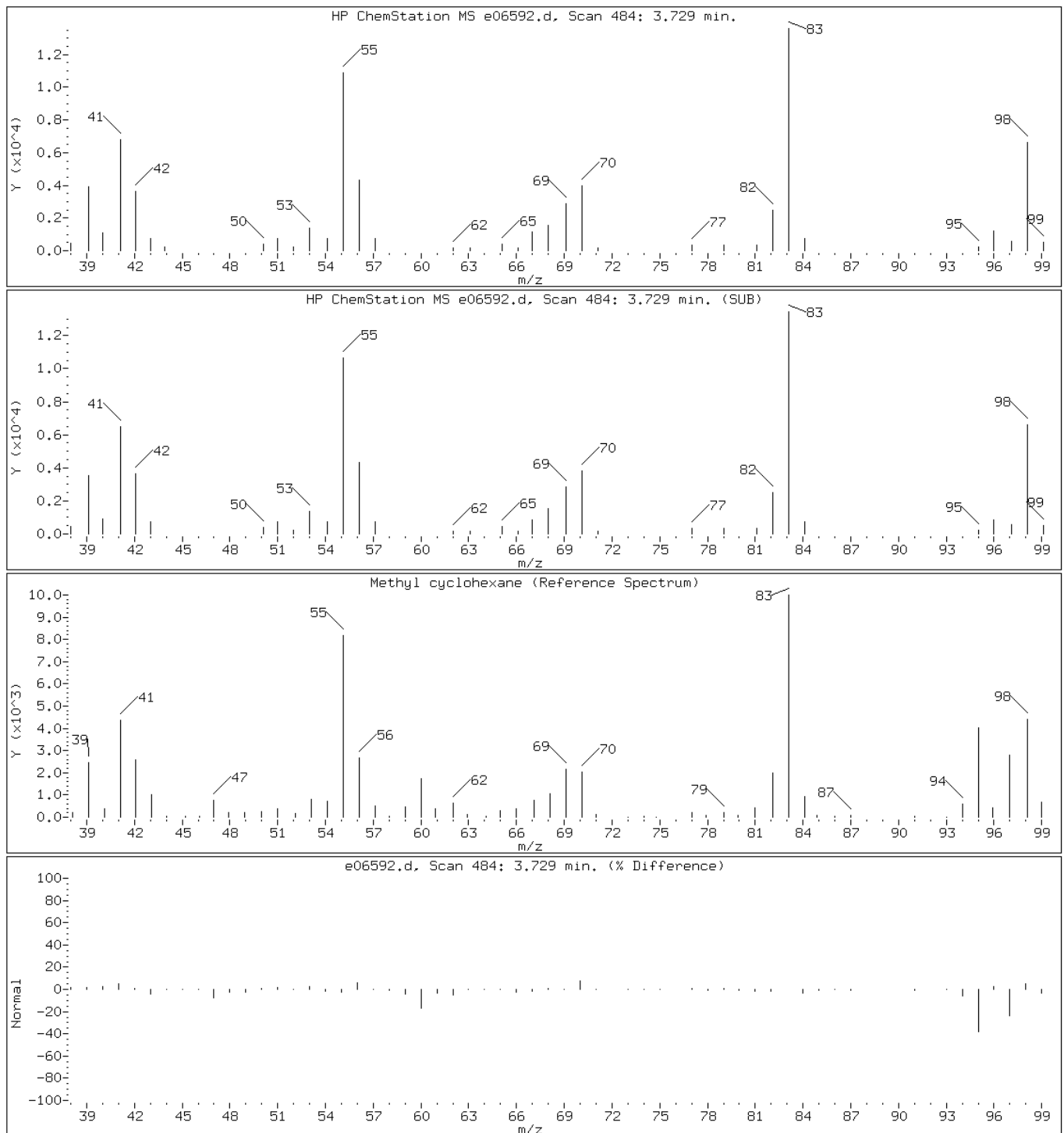
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

56 Methyl cyclohexane



Data File: e06592.d

Date: 11-AUG-2012 02:17

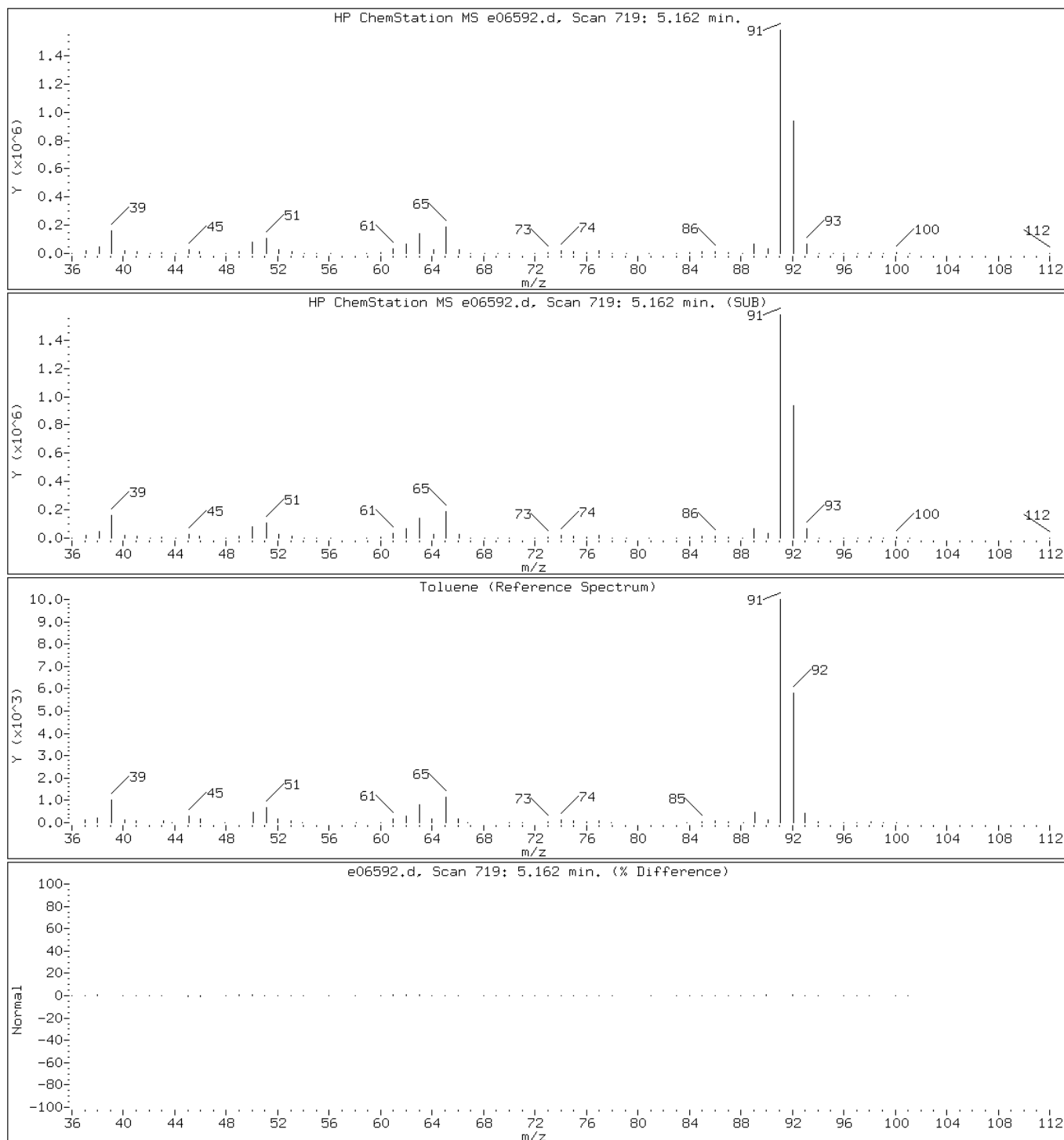
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

66 Toluene



Data File: e06592.d

Date: 11-AUG-2012 02:17

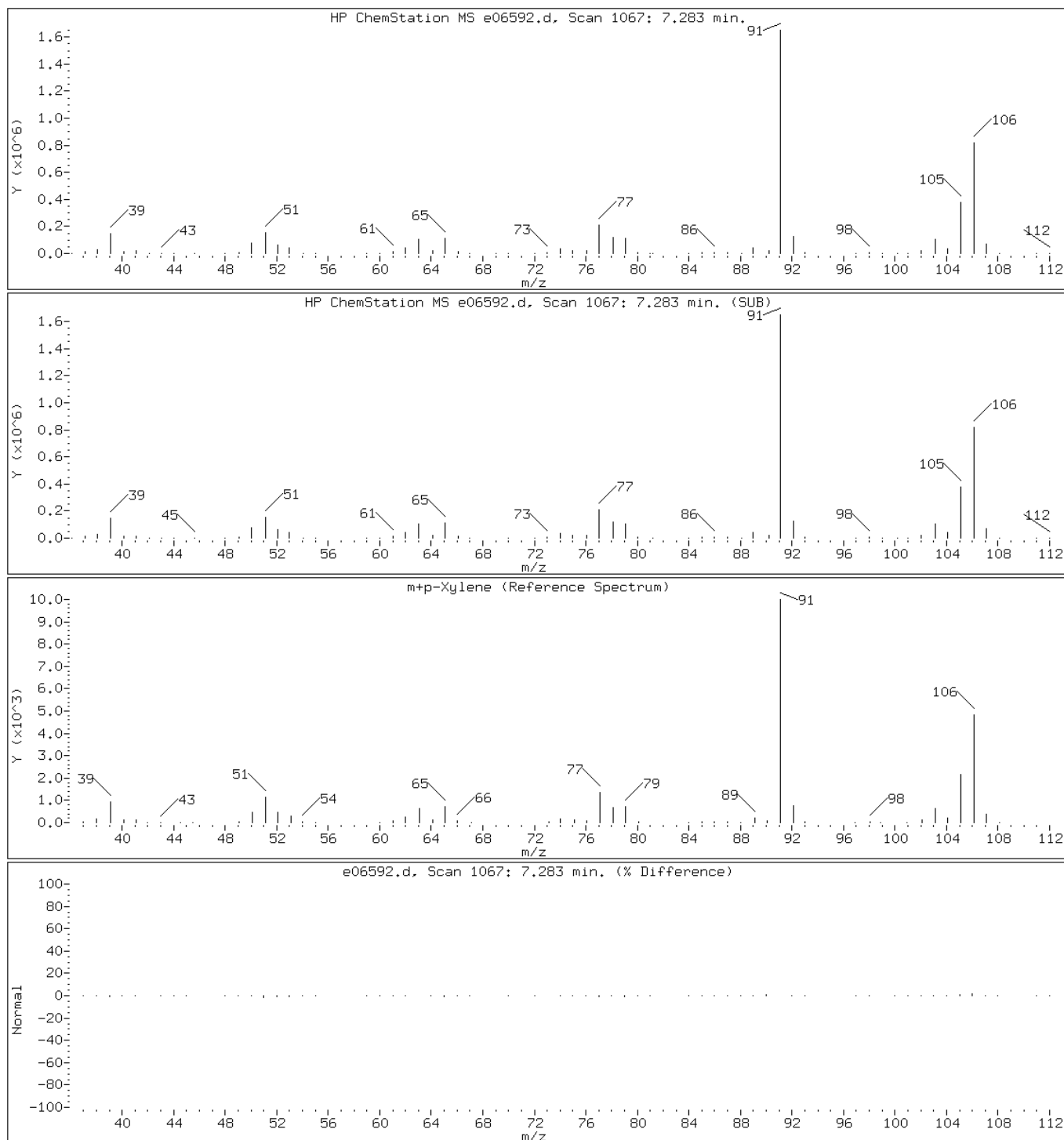
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

82 m+p-Xylene



Data File: e06592.d

Date: 11-AUG-2012 02:17

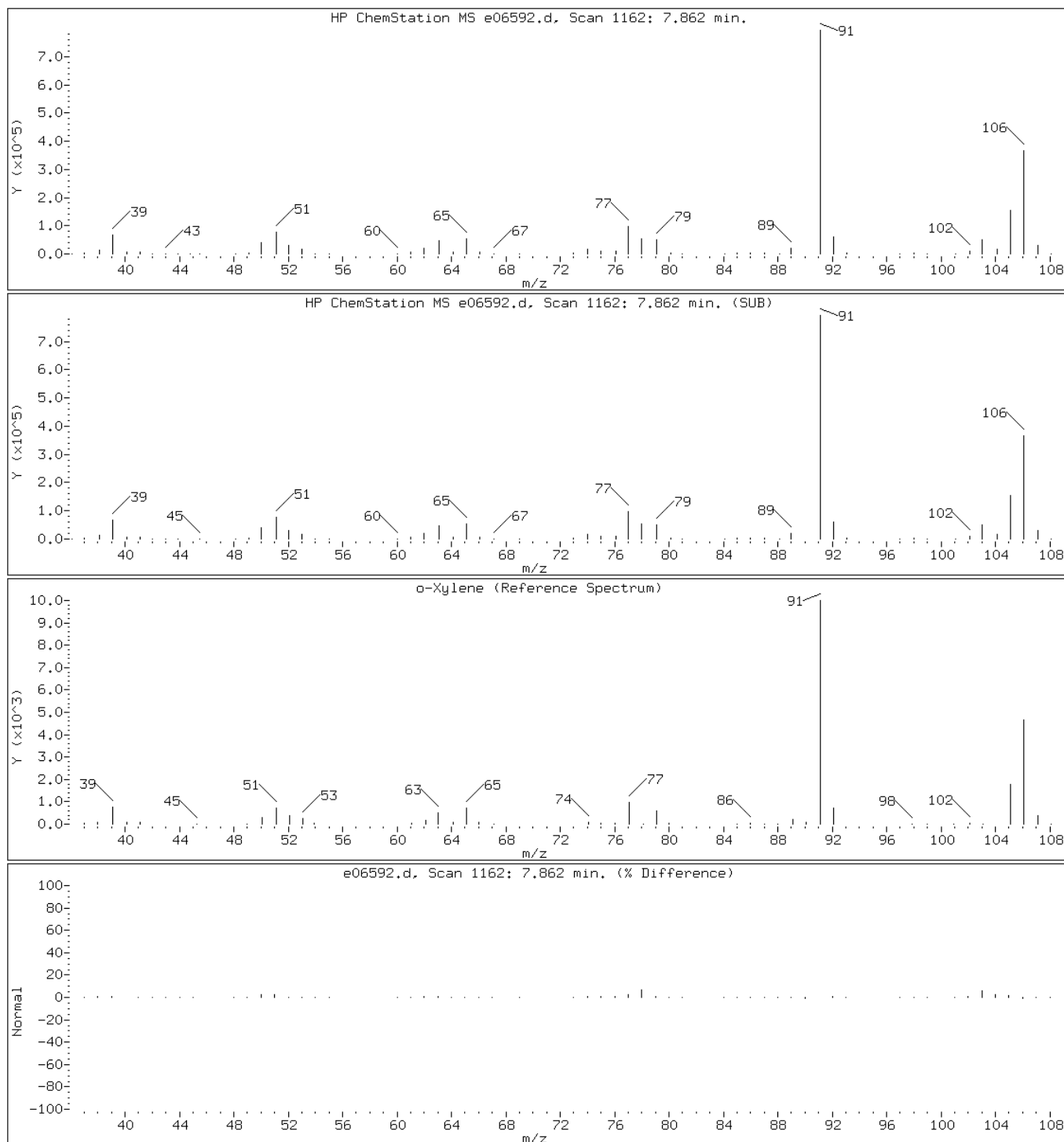
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

84 o-Xylene



Data File: e06592.d

Date: 11-AUG-2012 02:17

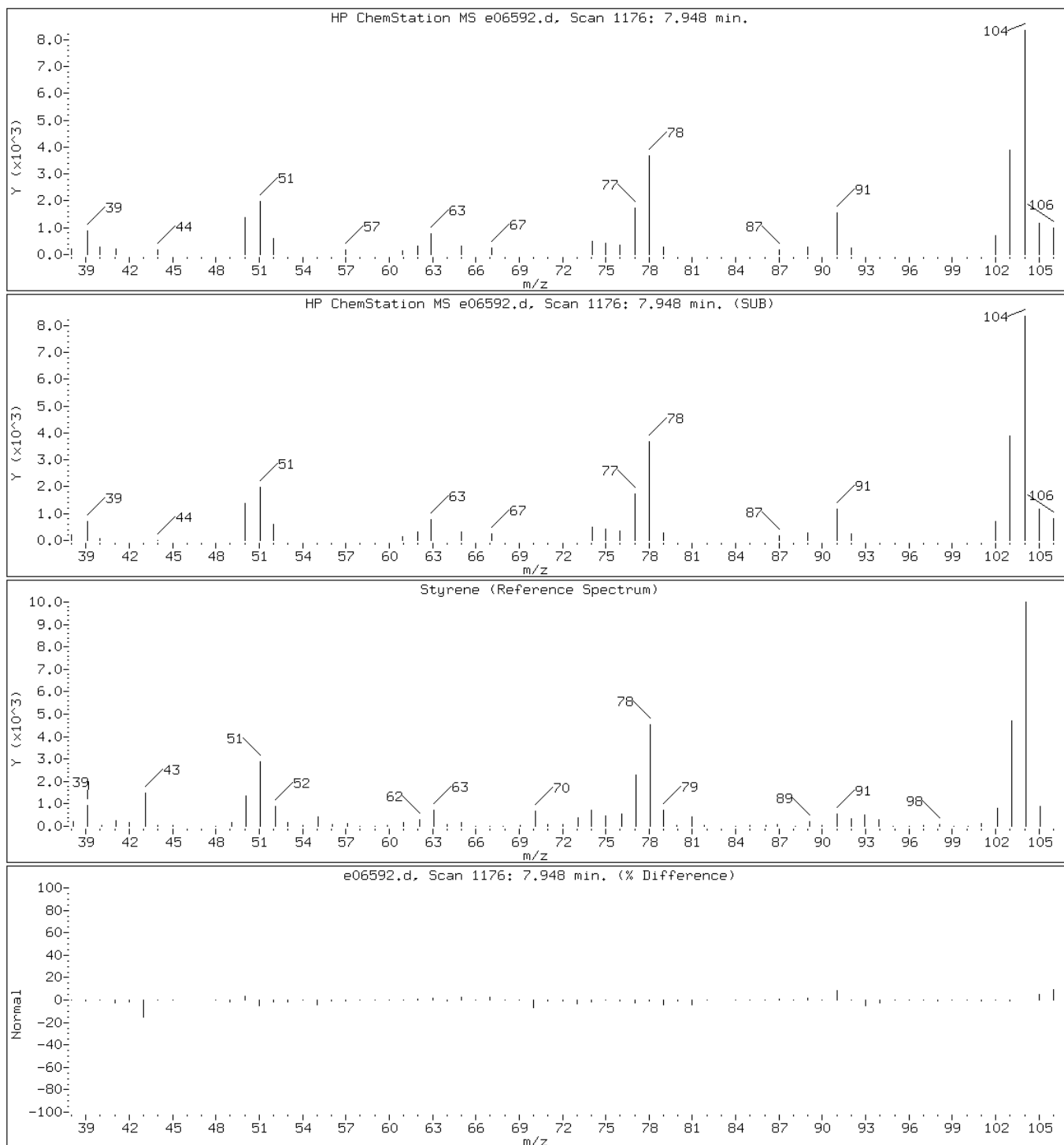
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

85 Styrene



Data File: e06592.d

Date: 11-AUG-2012 02:17

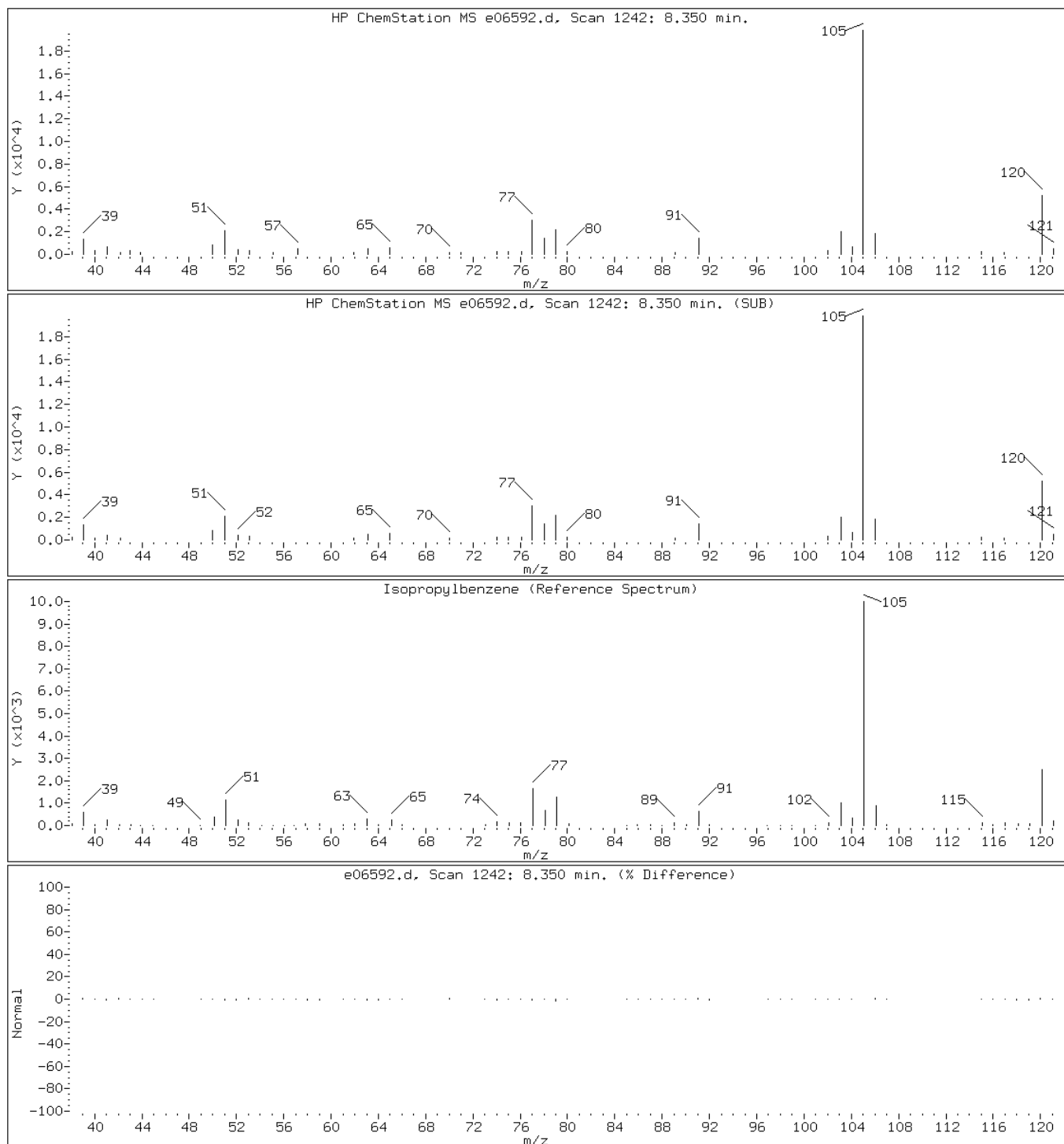
Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

88 Isopropylbenzene



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

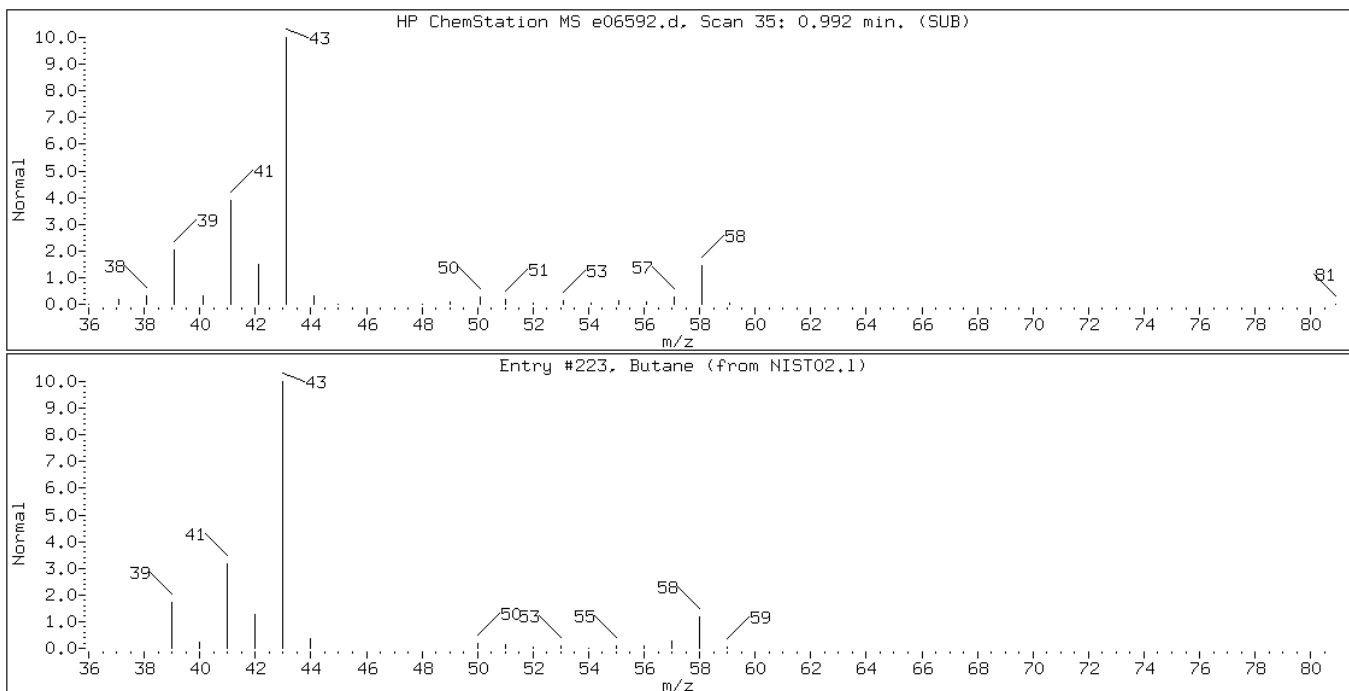
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 0.99

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



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

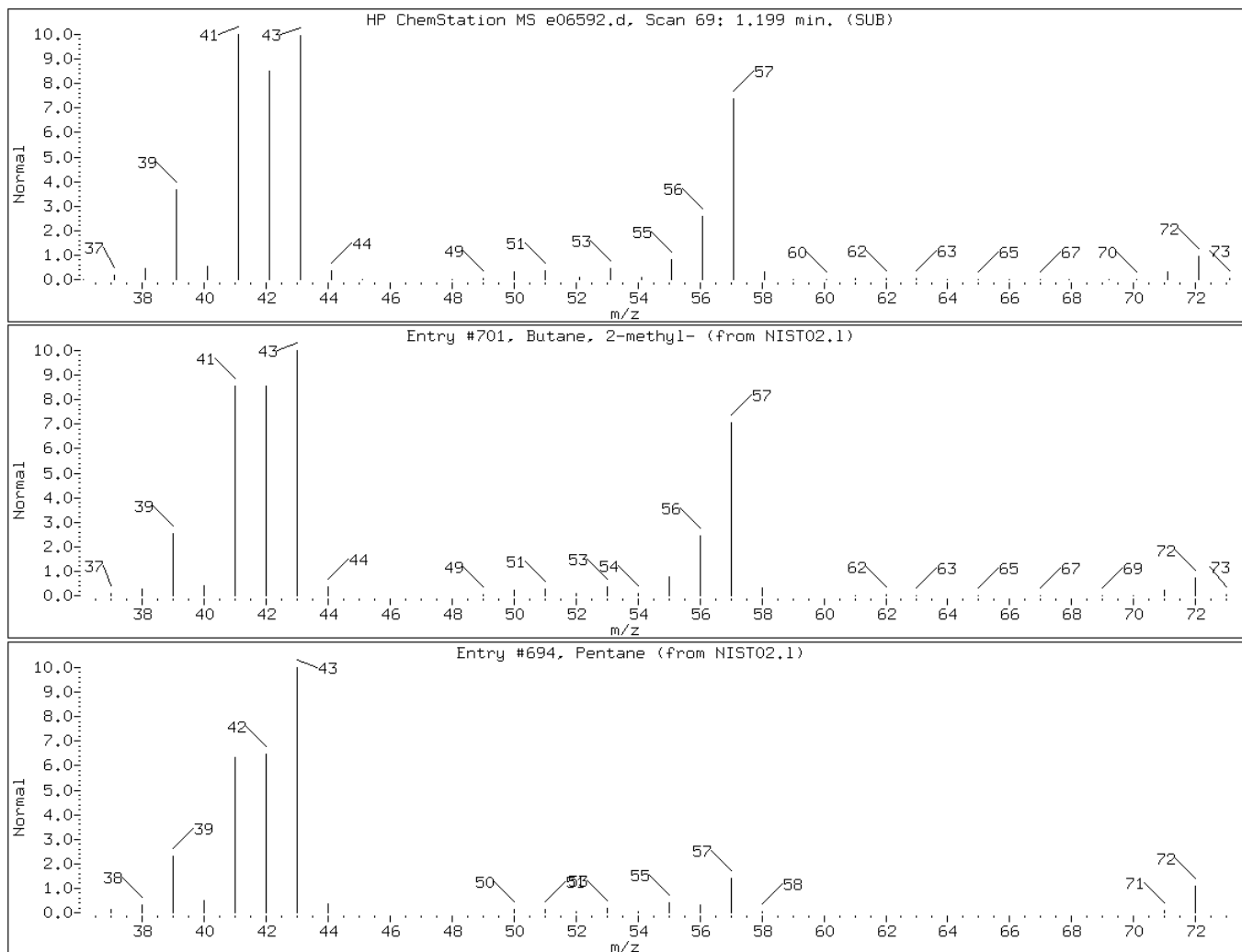
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 1.20

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane						
Butane, 2-methyl-	78-78-4	NIST02.1	701	94	C5H12	72
Pentane	109-66-0	NIST02.1	694	59	C5H12	72



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

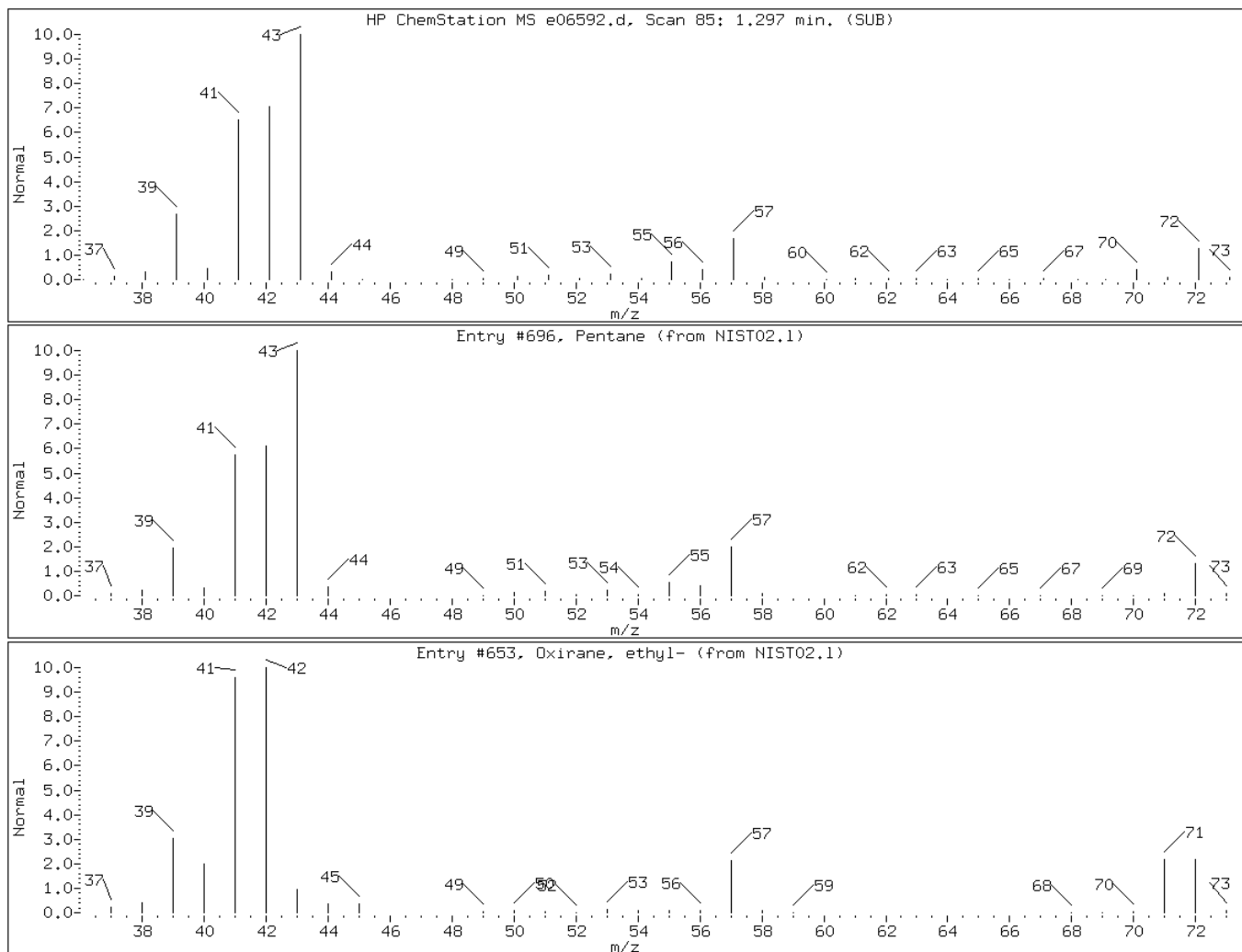
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 1.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C5H12 Alkane-1						
Pentane	109-66-0	NIST02.1	696	90	C5H12	72
Oxirane, ethyl-	106-88-7	NIST02.1	653	50	C4H8O	72



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

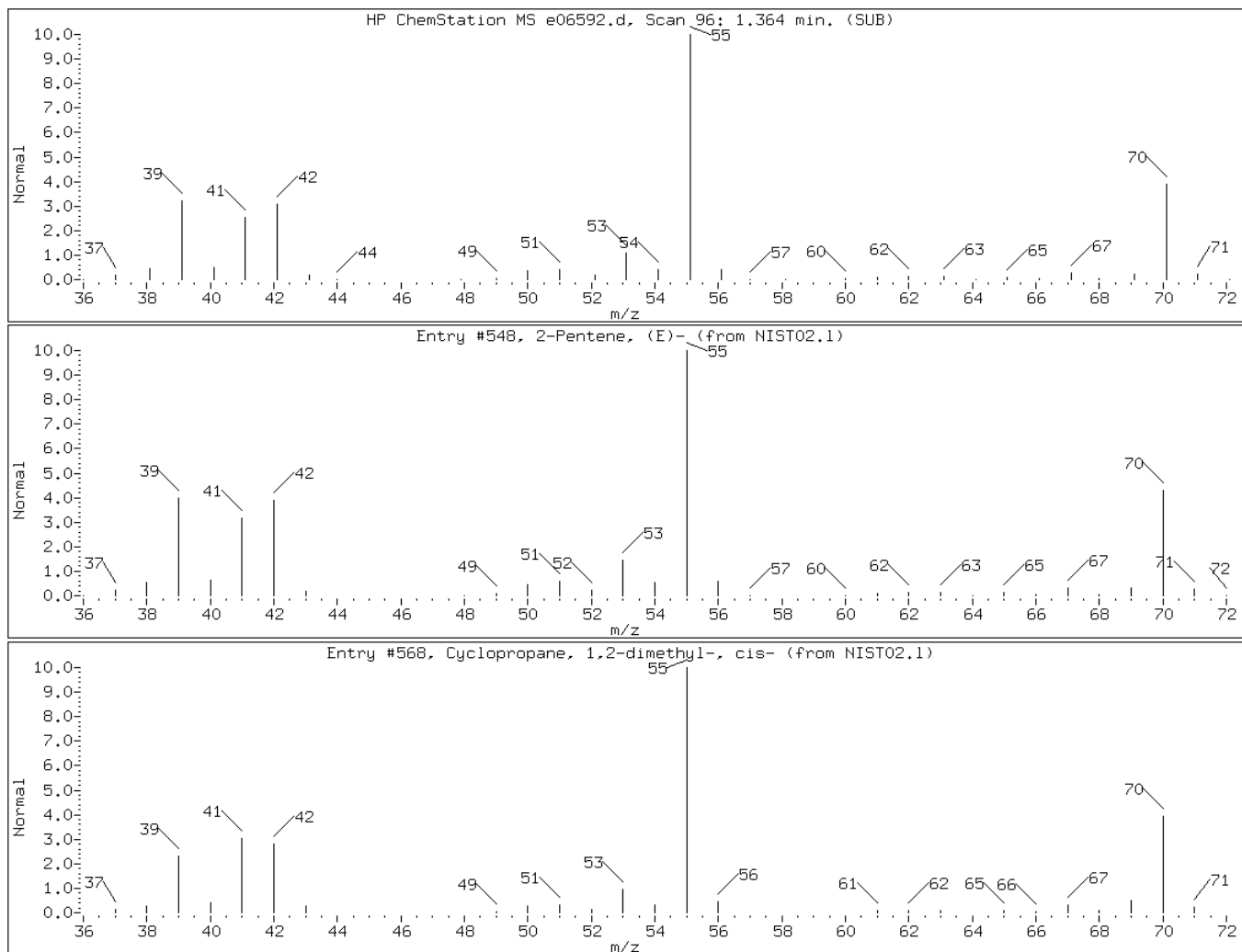
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 1.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene						
2-Pentene, (E)-	646-04-8	NIST02.1	548	93	C5H10	70
Cyclopropane, 1,2-dimethyl-, cis-	930-18-7	NIST02.1	568	90	C5H10	70



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

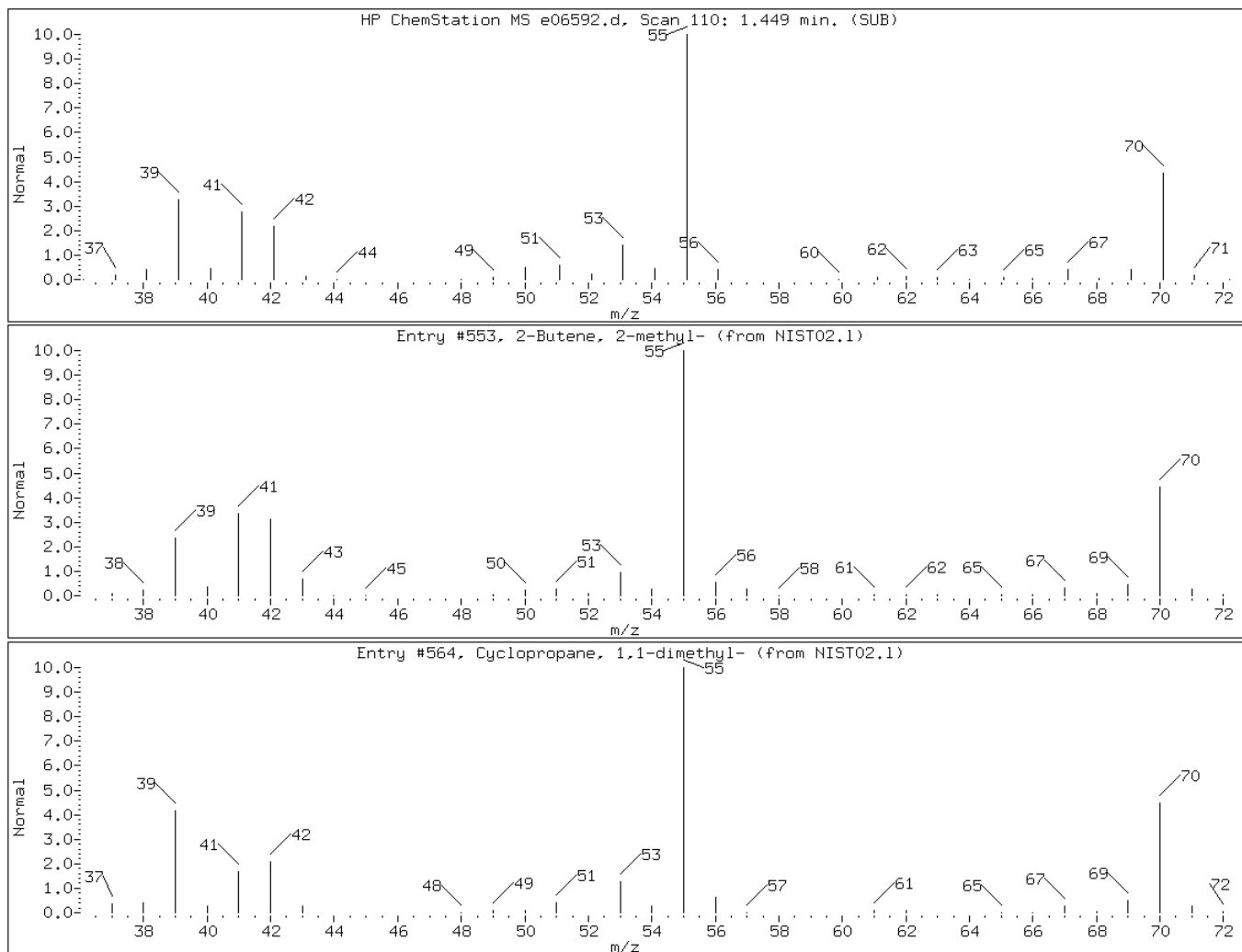
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 1.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene-1						
2-Butene, 2-methyl-	513-35-9	NIST02.1	553	90	C5H10	70
Cyclopropane, 1,1-dimethyl-	1630-94-0	NIST02.1	564	83	C5H10	70



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

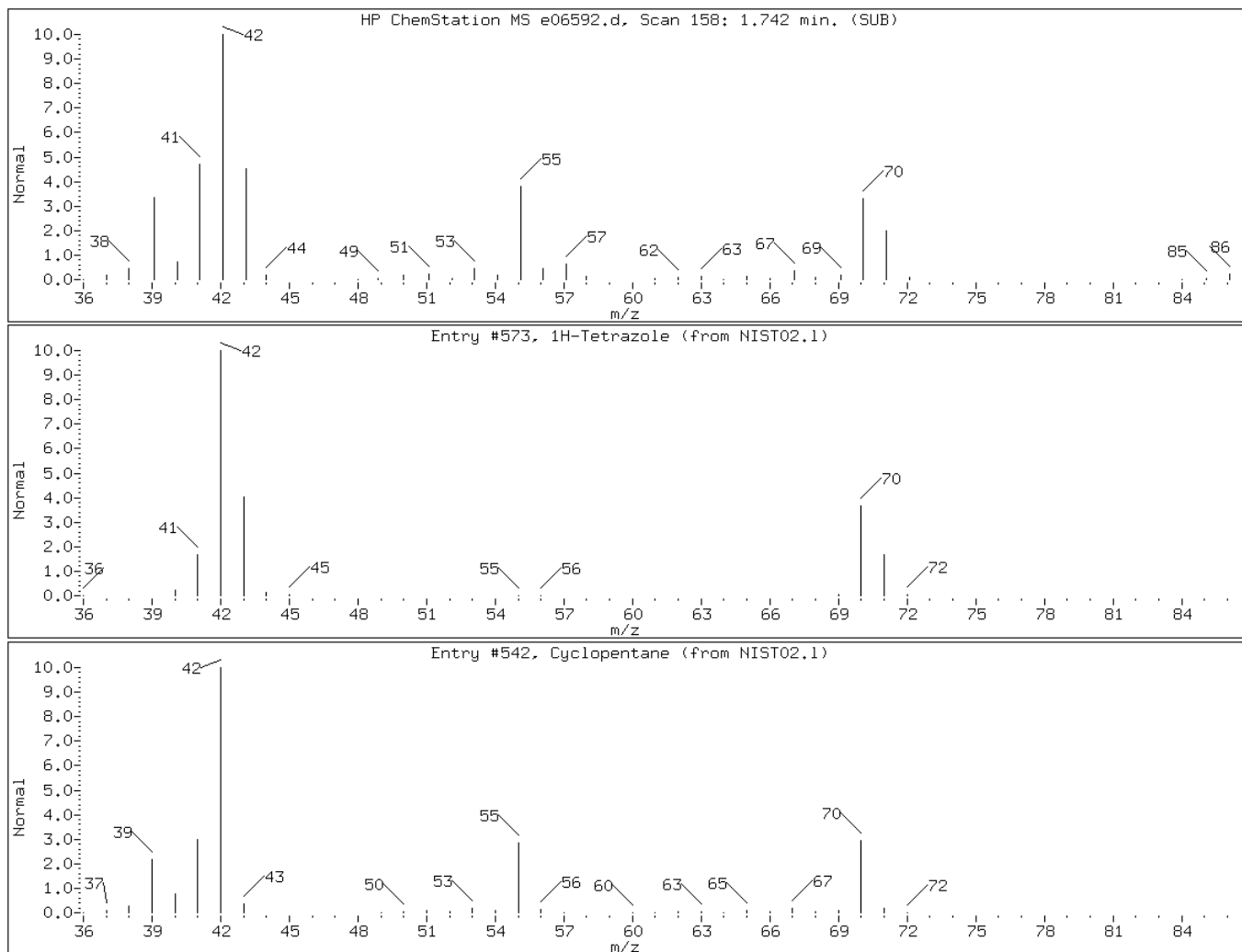
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 1.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1H-Tetrazole	288-94-8	NIST02.1	573	64	CH2N4	70
Cyclopentane	287-92-3	NIST02.1	542	64	C5H10	70



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

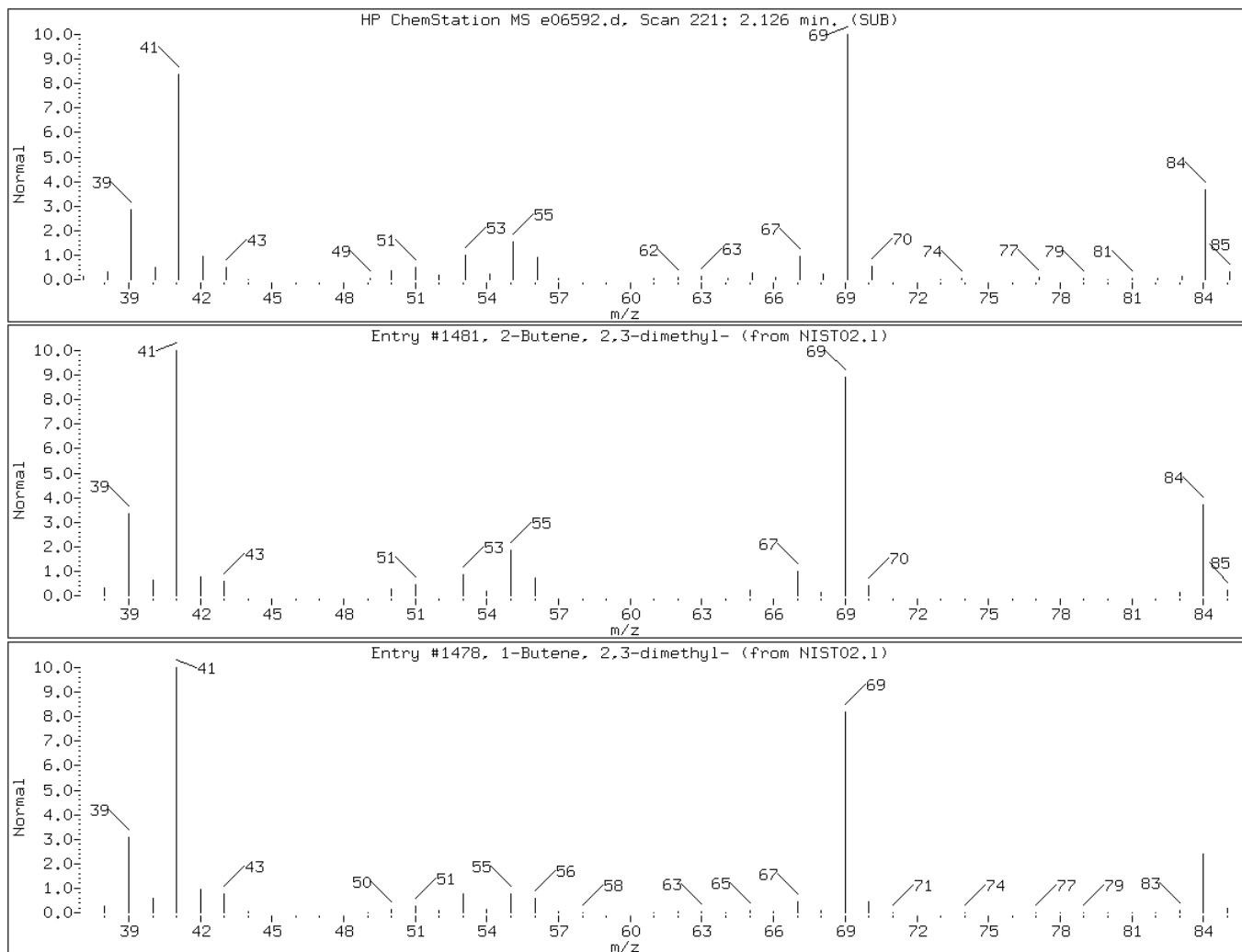
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 2.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkene-2						
2-Butene, 2,3-dimethyl-	563-79-1	NIST02.1	1481	91	C6H12	84
1-Butene, 2,3-dimethyl-	563-78-0	NIST02.1	1478	91	C6H12	84



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

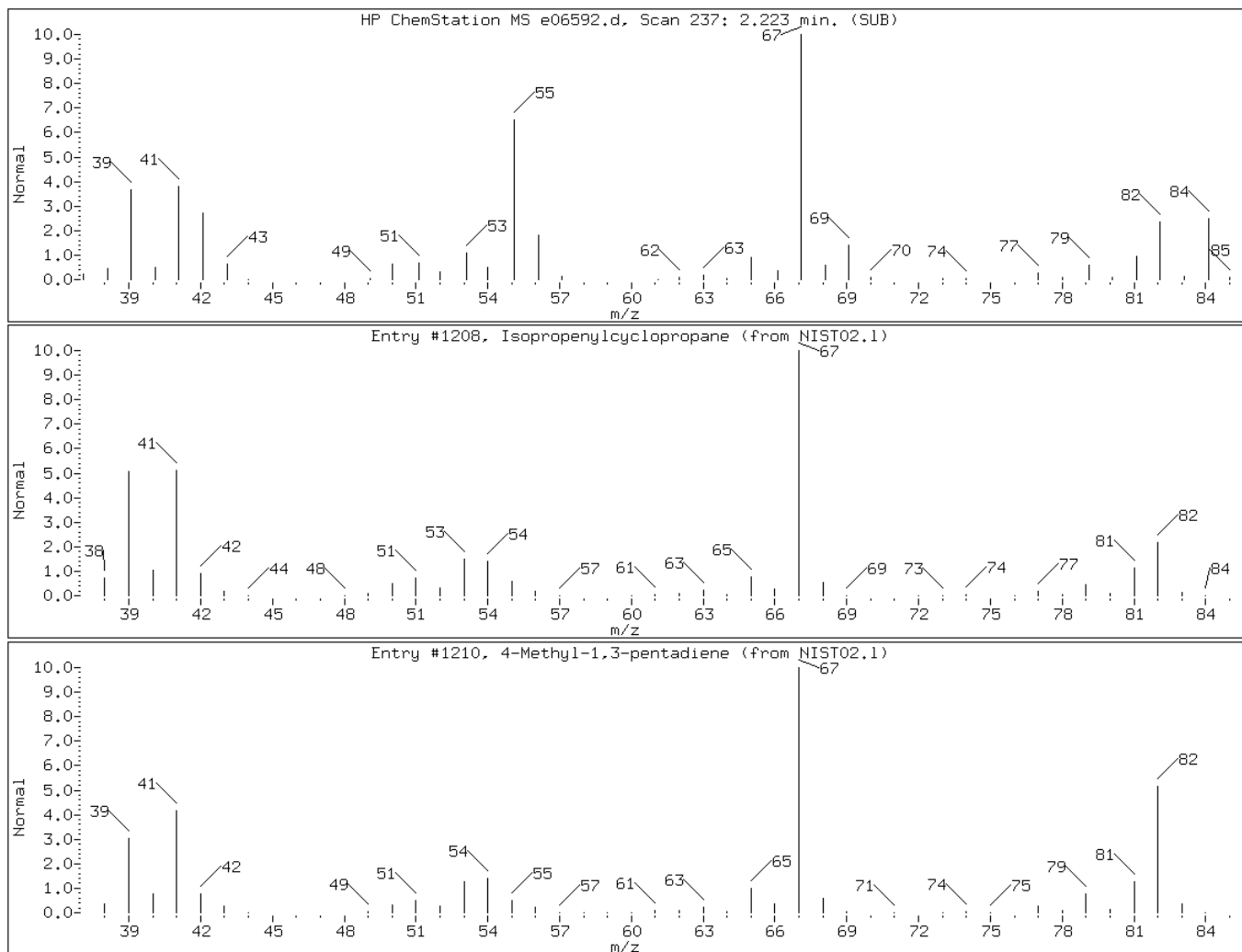
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 2.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Isopropenylcyclopropane	4663-22-3	NIST02.1	1208	70	C6H10	82
4-Methyl-1,3-pentadiene	926-56-7	NIST02.1	1210	70	C6H10	82



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

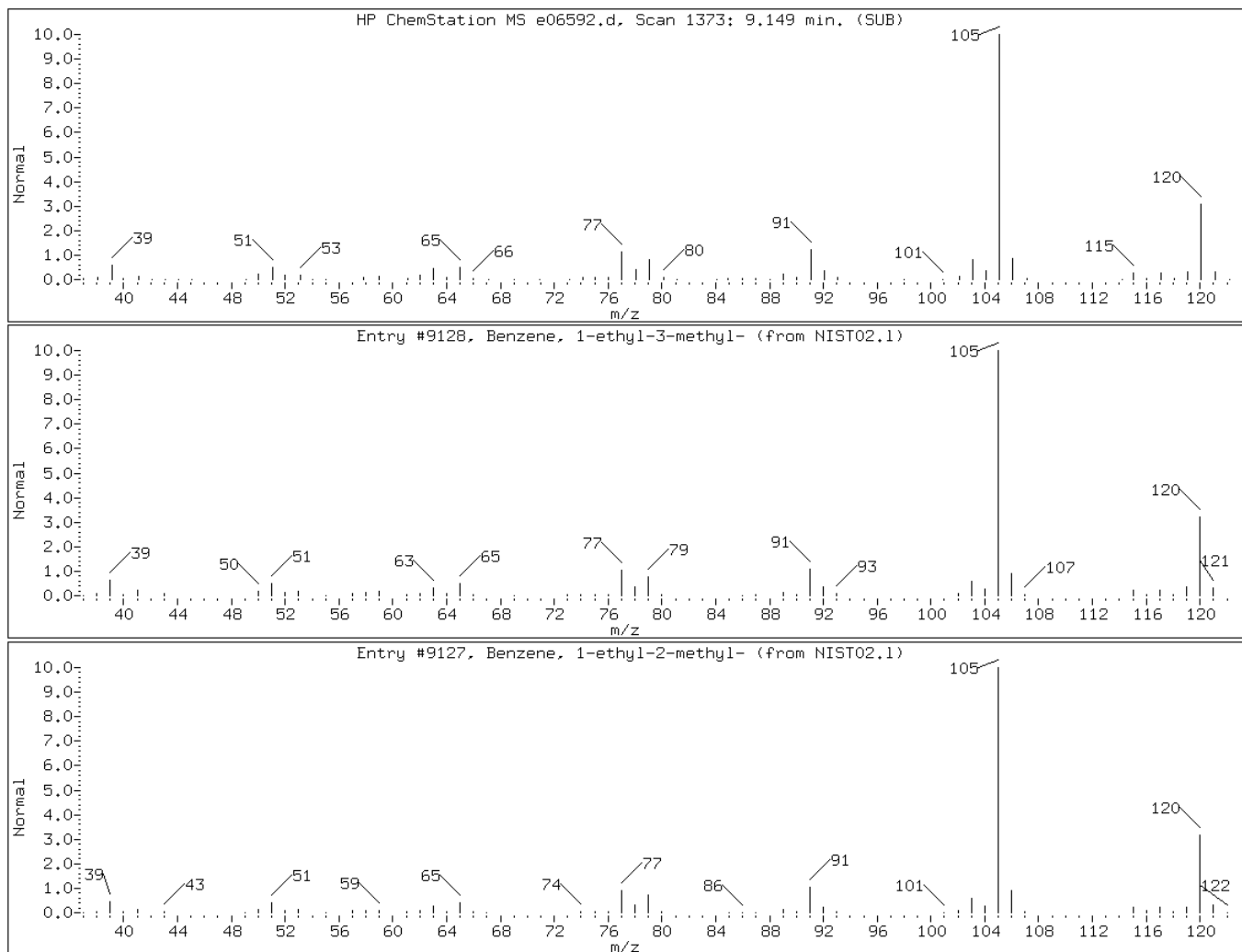
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.1	9128	97	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.1	9127	95	C9H12	120



Data File: e06592.d

Date: 11-AUG-2012 02:17

Client ID: WG-17338-080812-VAS

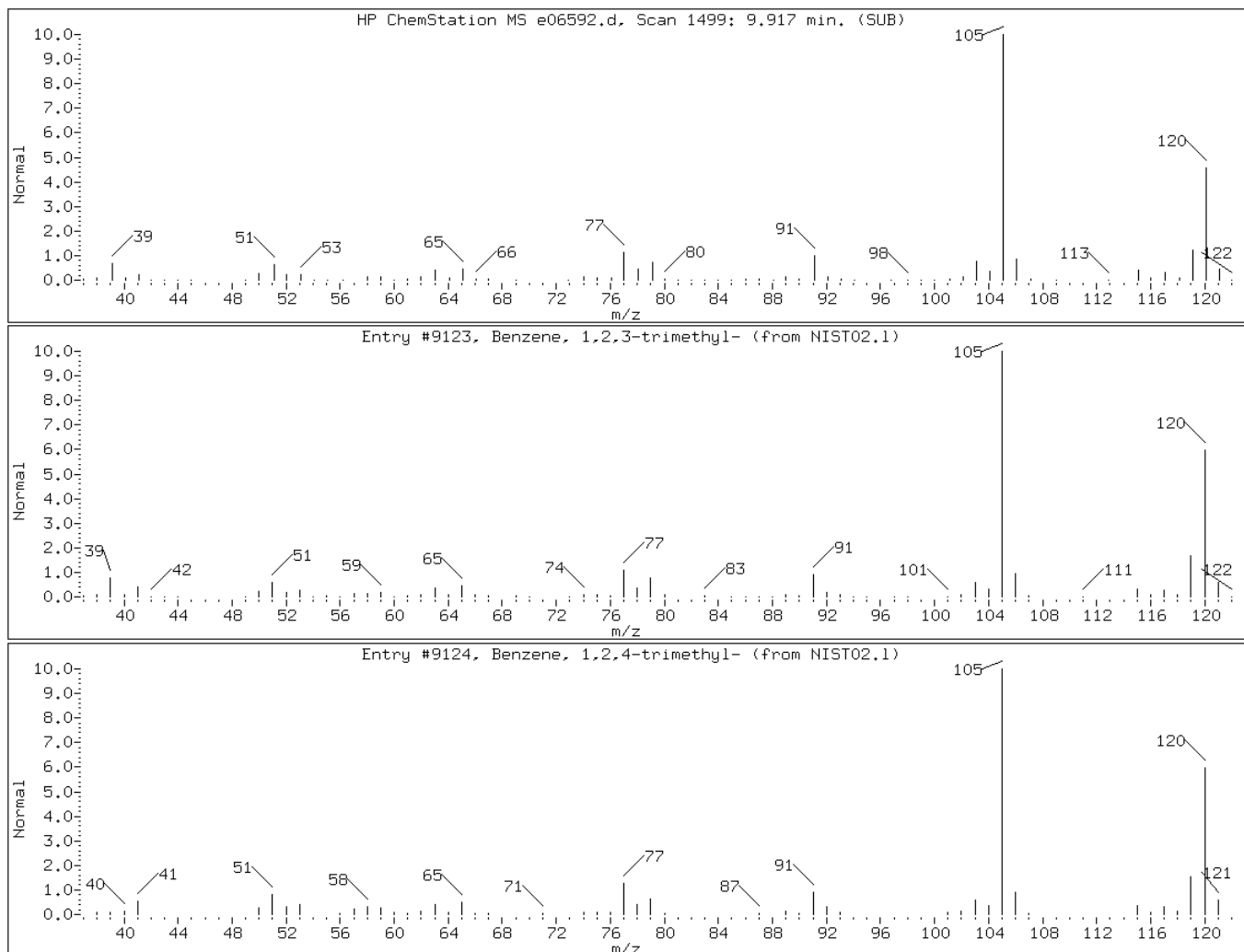
Instrument: VOAMS5.i

Sample Info: 460-43314-C-8;20

Operator: GC/MS VOAMS5

Retention Time: 9.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.1	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.1	9124	95	C9H12	120



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Client Sample ID: TB-17338-212 Lab Sample ID: 460-43314-9

Matrix: Water Lab File ID: e06600.d

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

Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:23

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.: 123597 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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: TB-17338-212 Lab Sample ID: 460-43314-9
 Matrix: Water Lab File ID: e06600.d
 Analysis Method: 8260B Date Collected: 08/08/2012 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:23
 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.: 123597 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	98		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: TB-17338-212 Lab Sample ID: 460-43314-9
Matrix: Water Lab File ID: e06600.d
Analysis Method: 8260B Date Collected: 08/08/2012 00:00
Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 05:23
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.: 123597 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/07-30-12/10aug12WA.b/e06600.d
 Report Date: 13-Aug-2012 15:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06600.d
 Lab Smp Id: 460-43314-B-9 Client Smp ID: TB-17338-212
 Inj Date : 11-AUG-2012 05:23
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-B-9
 Misc Info : 460-43314-B-9
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 22
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	246404	51.3606		51.3606
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	825222	50.0000		50.0000
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	792152	49.0504		49.0504
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	706351	50.0000		50.0000
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	373342	49.2503		49.2503
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	443226	50.0000		50.0000

Data File: e06600.d

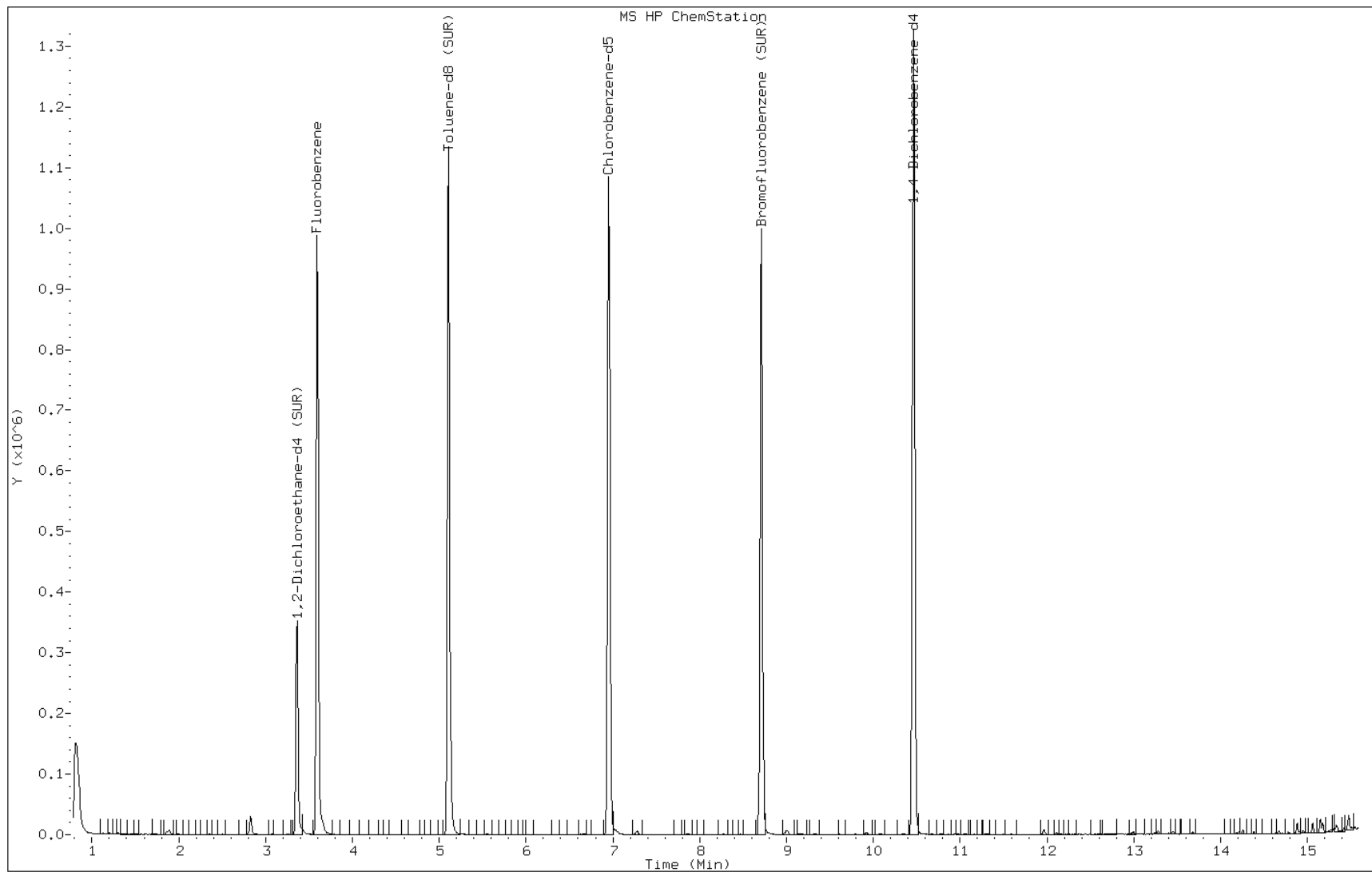
Date: 11-AUG-2012 05:23

Client ID: TB-17338-212

Sample Info: 460-43314-B-9

Instrument: VOAMS5.i

Operator: GC/MS VOAMS5



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

Lab Name: TestAmerica Edison Job No.: 460-43314-1 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.: 460-43314-1 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.: 460-43314-1 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.: 460-43314-1 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.: 460-43314-1 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.: 460-43314-1 Analy Batch No.: 121792

SDG No.: _____

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

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

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	8845 5376778	44833	182334	463009	2016539	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	22972 13357264	117232	466877	1181386	5072537	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	11729 6569521	58333	230171	576435	2465208	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4054 3076038	22459	97239	251106	1123360	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	19932 11433457	100962	395453	1002891	4289333	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	28891 17025634	150903	599491	1515368	6500969	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	6402 3345146	30069	121117	302836	1277863	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18497 8525851	88060	328967	823103	3396759	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	19205 8728817	91871	338698	842480	3444405	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	17354 8023833	85847	315737	786615	3145235	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1334 655872	6292	23357	60419	248994	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	13742 5180465	62751	209680	516470	2077418	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	269068 303998	265951	258273	270789	298107	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1001346 1145394	992105	1030145	1030729	1115982	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	536535 604941	524406	531715	534735	567000	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e05999.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 30-JUL-2012 04:34
 Operator : GC/MS VOAMS5
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 06:54 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 2 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.882	0.882	(0.245)	83576	20.0000	20
3 Chloromethane	50	1.010	1.010	(0.281)	100321	20.0000	20
4 Vinyl Chloride	62	1.016	1.016	(0.283)	96115	20.0000	20
6 Bromomethane	94	1.169	1.169	(0.325)	63067	20.0000	20
5 Chloroethane	64	1.230	1.230	(0.342)	51570	20.0000	20
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	151992	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	78574	20.0000	20
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	73408	20.0000	20
16 Acetone	58	1.888	1.888	(0.525)	7430	20.0000	20
18 Carbon Disulfide	76	1.559	1.559	(0.434)	221336	20.0000	20
27 Methyl Acetate	74	1.955	1.955	(0.544)	19318	20.0000	20
22 Methylene Chloride	49	1.852	1.852	(0.515)	119035	20.0000	20
28 MTBE	73	2.010	2.010	(0.559)	302255	20.0000	20
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	91306	20.0000	20
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	176175	20.0000	20
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.735)	108605	20.0000	20

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.065	3.065	(0.852)	15886	20.0000	20
42 Chloroform	83	2.839	2.839	(0.790)	183113	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	139320	20.0000	20
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	167614	20.0000	20
45 Carbon Tetrachloride	117	2.925	2.925	(0.813)	140244	20.0000	20
48 Benzene	78	3.254	3.254	(0.468)	400814	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	258273	50.0000	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	132546	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1098185	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	106804	20.0000	20
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	149241	20.0000	20
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	98414	20.0000	20
68 Bromodichloromethane	83	4.266	4.266	(1.187)	142734	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	182635	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	83177	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1030145	50.0000	50
66 Toluene	91	5.156	5.156	(0.741)	494836	20.0000	20
64 trans-1,3-Dichloropropene	75	5.643	5.643	(0.812)	171065	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	75147	20.0000	20
71 Tetrachloroethene	166	5.576	5.576	(0.802)	146028	20.0000	20
73 2-Hexanone	43	6.674	6.674	(0.960)	68203	20.0000	20
74 Dibromochloromethane	129	6.015	6.015	(0.865)	127596	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	101600	20.0000	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	973745	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	352023	20.0000	20
81 Ethylbenzene	106	7.064	7.064	(1.016)	182334	20.0000	20
82 m+p-Xylene	106	7.277	7.277	(1.046)	466877	40.0000	40
84 o-Xylene	106	7.856	7.856	(1.130)	230171	20.0000	20
85 Styrene	104	7.942	7.942	(1.142)	395453	20.0000	20
86 Bromoform	173	7.911	7.911	(1.138)	97239	20.0000	20
88 Isopropylbenzene	105	8.344	8.344	(1.200)	599491	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	531715	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	121117	20.0000	20
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	328967	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	639475	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	338698	20.0000	20
111 1,2-Dichlorobenzene	146	11.149	11.149	(1.065)	315737	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	23357	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	209680	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				199912	40.0000	40
M 121 Xylene (Total)	100				697048	60.0000	60

Data File: e05999.d

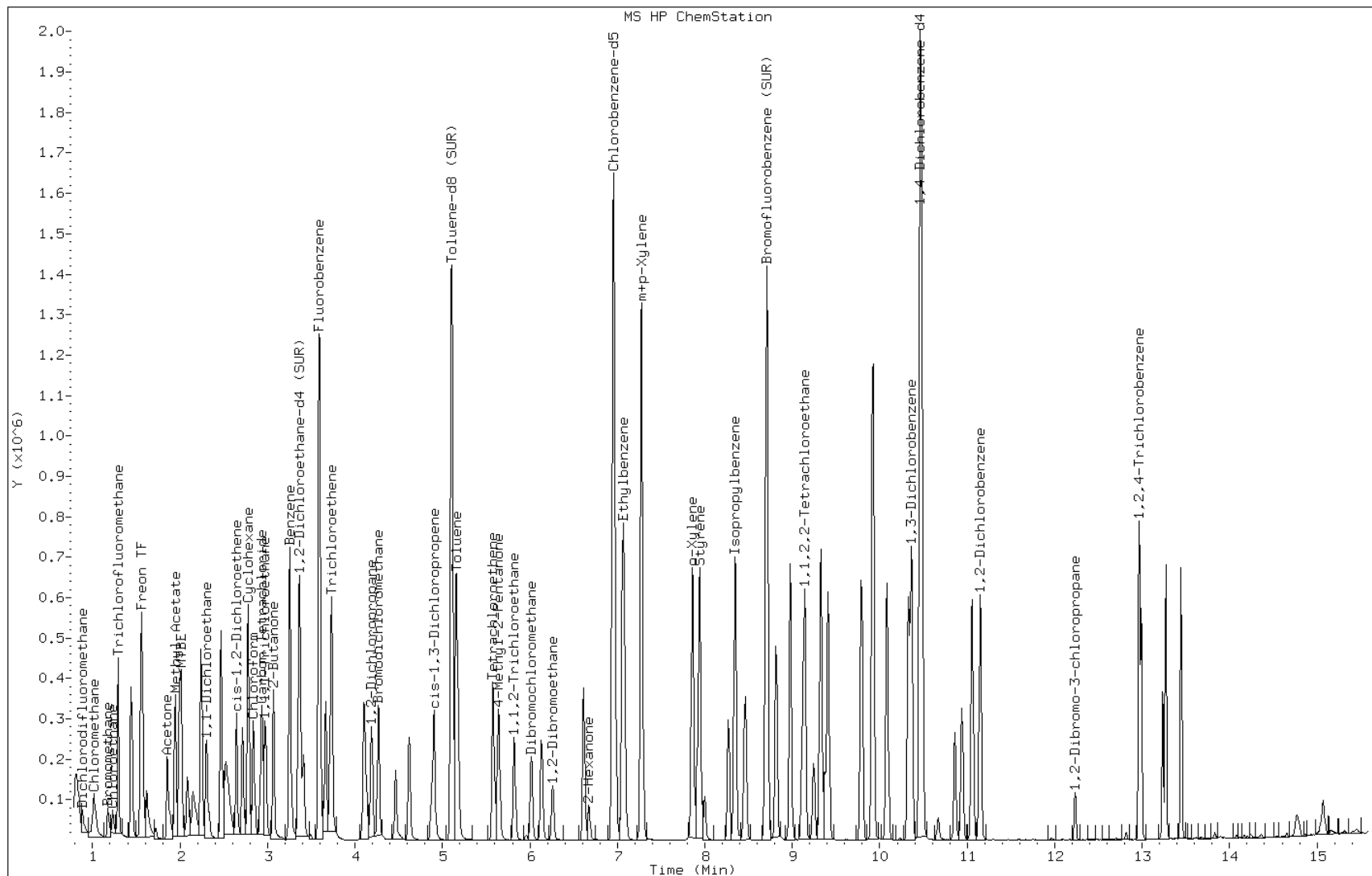
Date: 30-JUL-2012 04:34

Client ID:

Instrument: VOAMS5.i

Sample Info: ICIS-VMCAL3

Operator: GC/MS VOAMS5



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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06003.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 30-JUL-2012 06:31
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 08:09 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 6 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

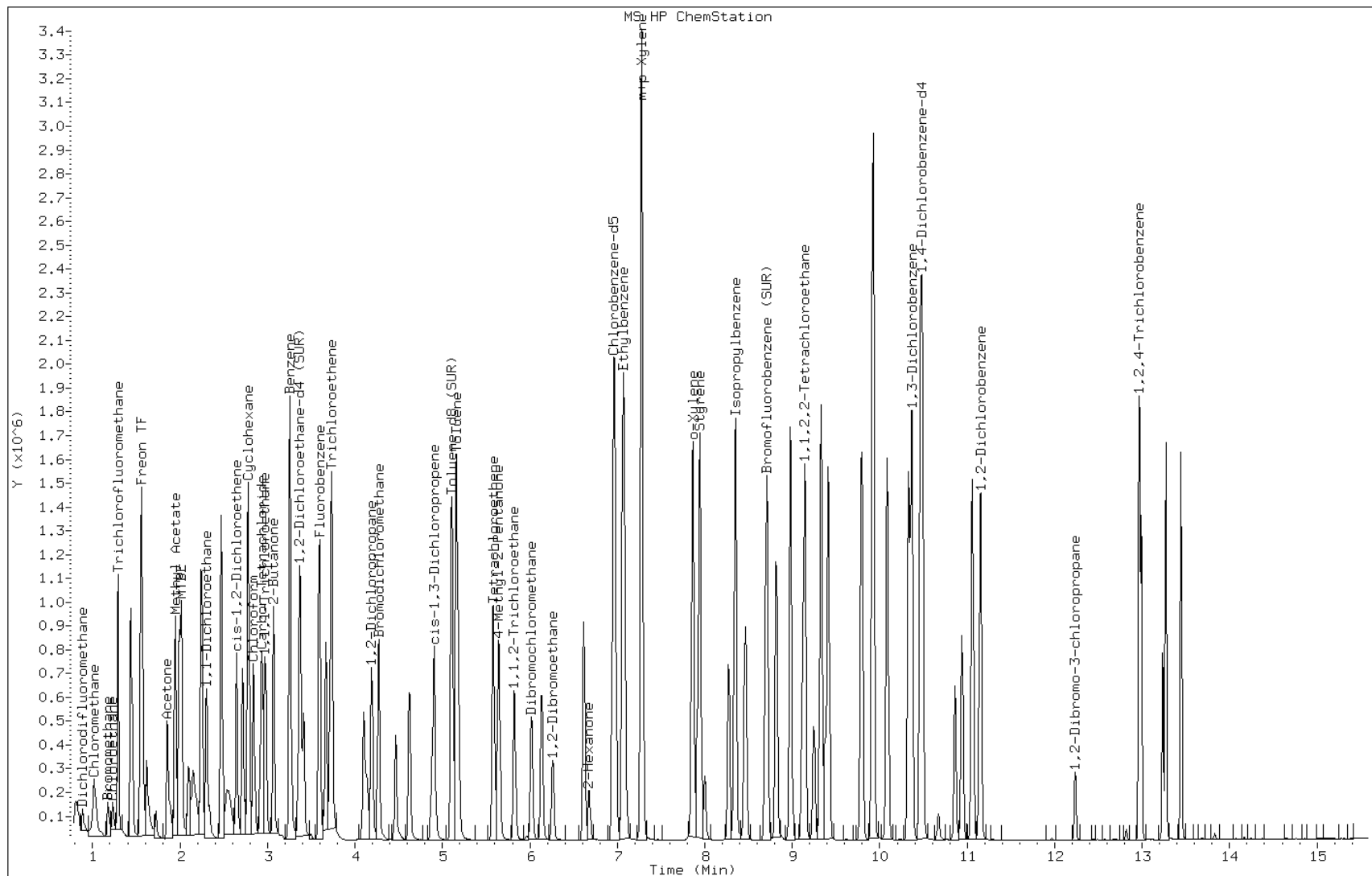
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	211241	50.0000	45
3 Chloromethane	50	1.010	1.010	(0.281)	243575	50.0000	39
4 Vinyl Chloride	62	1.016	1.016	(0.283)	237732	50.0000	42
6 Bromomethane	94	1.175	1.175	(0.327)	142846	50.0000	36
5 Chloroethane	64	1.230	1.230	(0.342)	139630	50.0000	43
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	329646	50.0000	43
14 Freon TF	101	1.565	1.565	(0.435)	221217	50.0000	46
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	193061	50.0000	45
16 Acetone	58	1.888	1.888	(0.525)	18138	50.0000	63
18 Carbon Disulfide	76	1.559	1.559	(0.434)	694746	50.0000	44
27 Methyl Acetate	74	1.955	1.955	(0.544)	41363	50.0000	34
22 Methylene Chloride	49	1.852	1.852	(0.515)	292024	50.0000	37
28 MTBE	73	2.016	2.016	(0.561)	759073	50.0000	39
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	256962	50.0000	44
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	463734	50.0000	42
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	281390	50.0000	40

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	40129	50.0000	69
42 Chloroform	83	2.839	2.839	(0.790)	468560	50.0000	41
44 Cyclohexane	56	2.778	2.778	(0.773)	378069	50.0000	46
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.827)	437845	50.0000	46
45 Carbon Tetrachloride	117	2.924	2.924	(0.813)	371698	50.0000	48
48 Benzene	78	3.254	3.254	(0.468)	1027803	50.0000	42
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	270789	50.0000	46
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	358272	50.0000	40
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	1100022	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	274868	50.0000	42
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	394801	50.0000	45
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	249137	50.0000	39
68 Bromodichloromethane	83	4.272	4.272	(1.188)	363631	50.0000	40
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	462654	50.0000	40
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	210058	50.0000	70
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	1030729	50.0000	46
66 Toluene	91	5.162	5.162	(0.742)	1246457	50.0000	39
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	439490	50.0000	40
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	185524	50.0000	39
71 Tetrachloroethene	166	5.582	5.582	(0.803)	372062	50.0000	46
73 2-Hexanone	43	6.674	6.674	(0.960)	170678	50.0000	69
74 Dibromochloromethane	129	6.015	6.015	(0.865)	321766	50.0000	41
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	260335	50.0000	40
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	973714	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	877992	50.0000	40
81 Ethylbenzene	106	7.064	7.064	(1.016)	463009	50.0000	43
82 m+p-Xylene	106	7.277	7.277	(1.046)	1181386	100.000	84
84 o-Xylene	106	7.863	7.863	(1.131)	576435	50.0000	41
85 Styrene	104	7.942	7.942	(1.142)	1002891	50.0000	41
86 Bromoform	173	7.917	7.917	(1.139)	251106	50.0000	42
88 Isopropylbenzene	105	8.350	8.350	(1.201)	1515368	50.0000	44
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	534735	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	302836	50.0000	39
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	823103	50.0000	40
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	643934	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	842480	50.0000	40
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	786615	50.0000	39
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	60419	50.0000	40
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	516470	50.0000	38
M 120 1,2-Dichloroethene (Total)	100				538353	100.000	84
M 121 Xylene (Total)	100				1757821	150.000	120

Operator: GC/MS VOAMS5



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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06004.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 30-JUL-2012 06:55
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 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

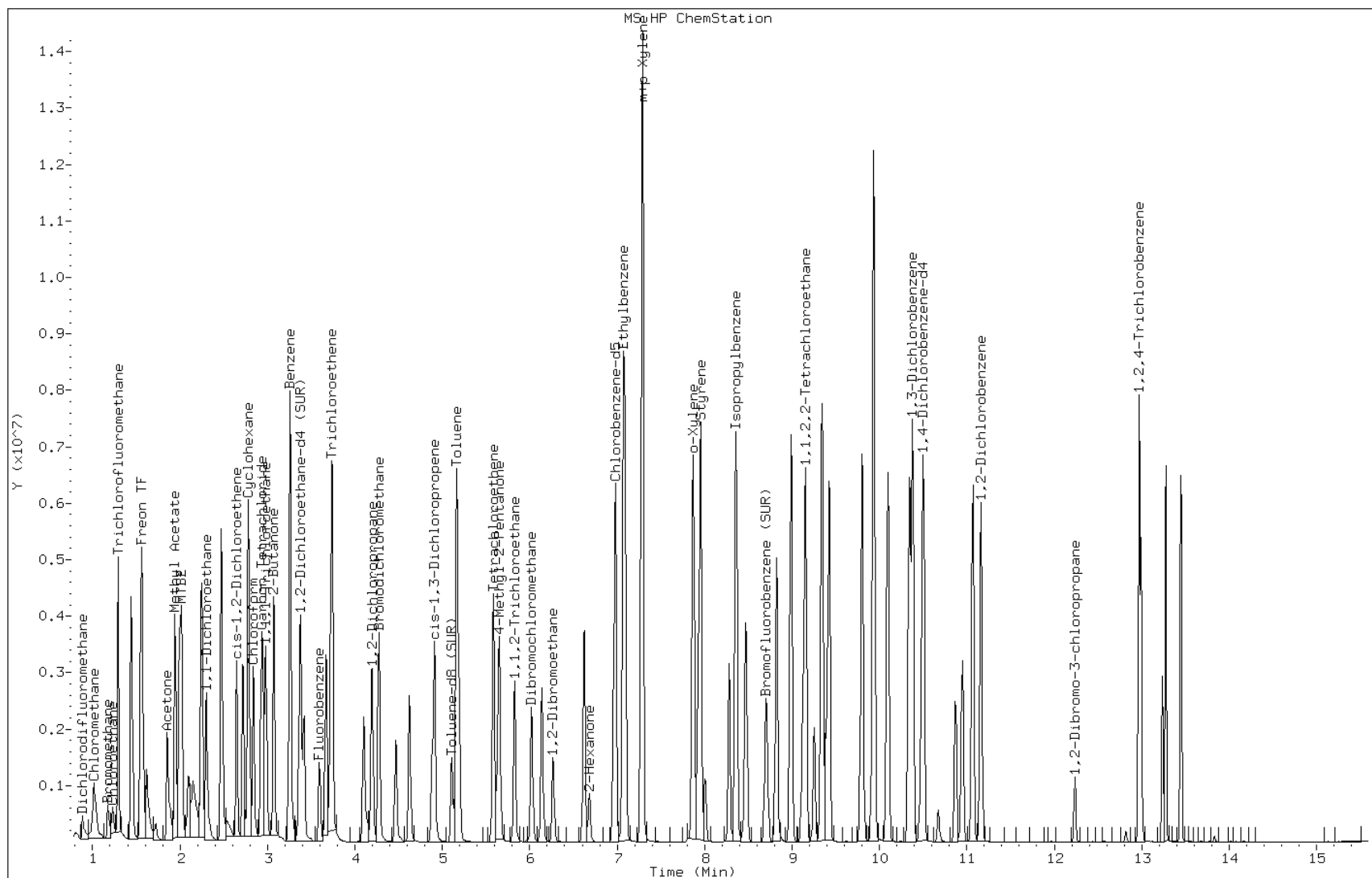
Cpnd Variable Local Compound Variable

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

TestAmerica

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

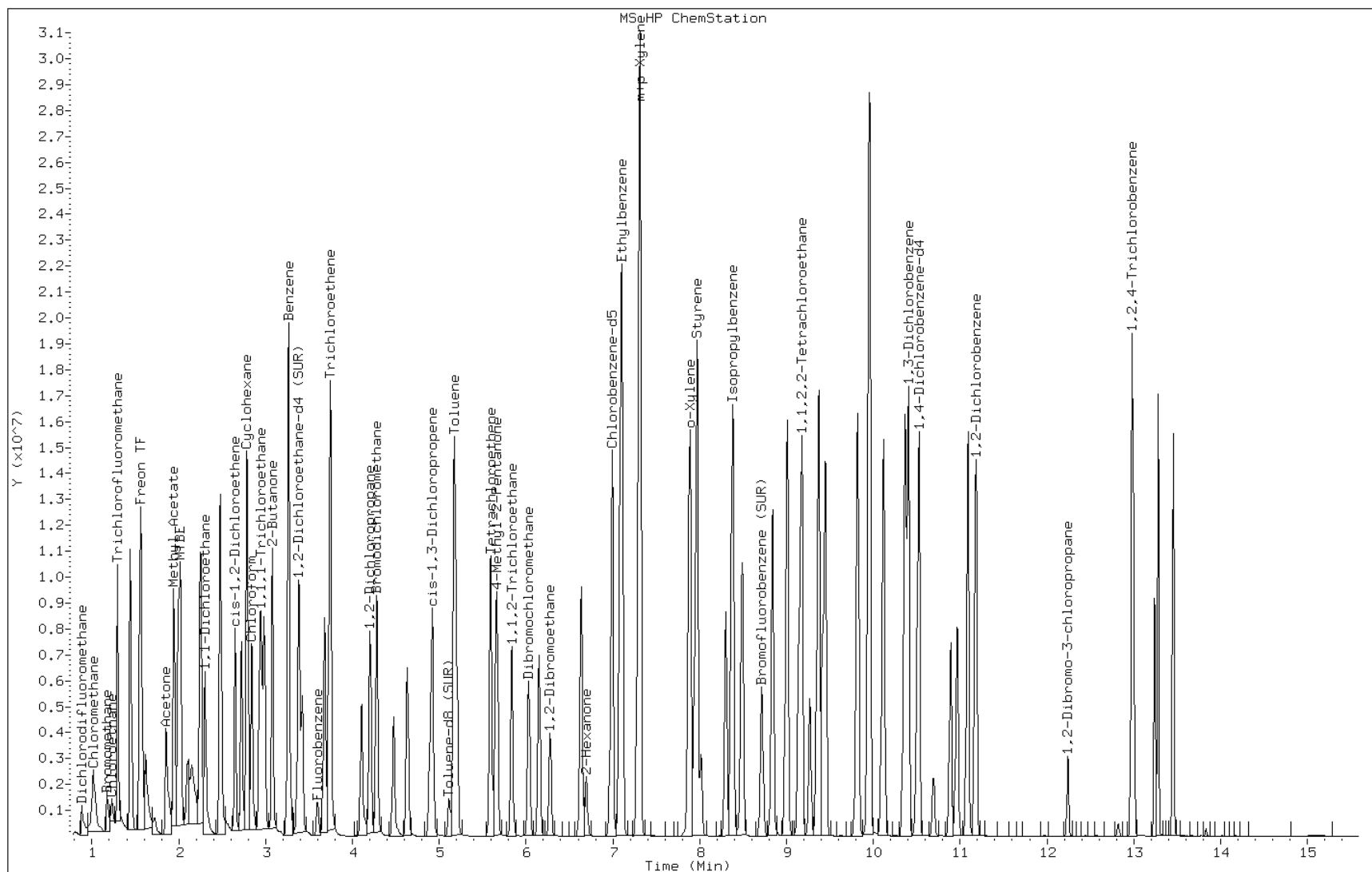
Date: 30-JUL-2012 07:18

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

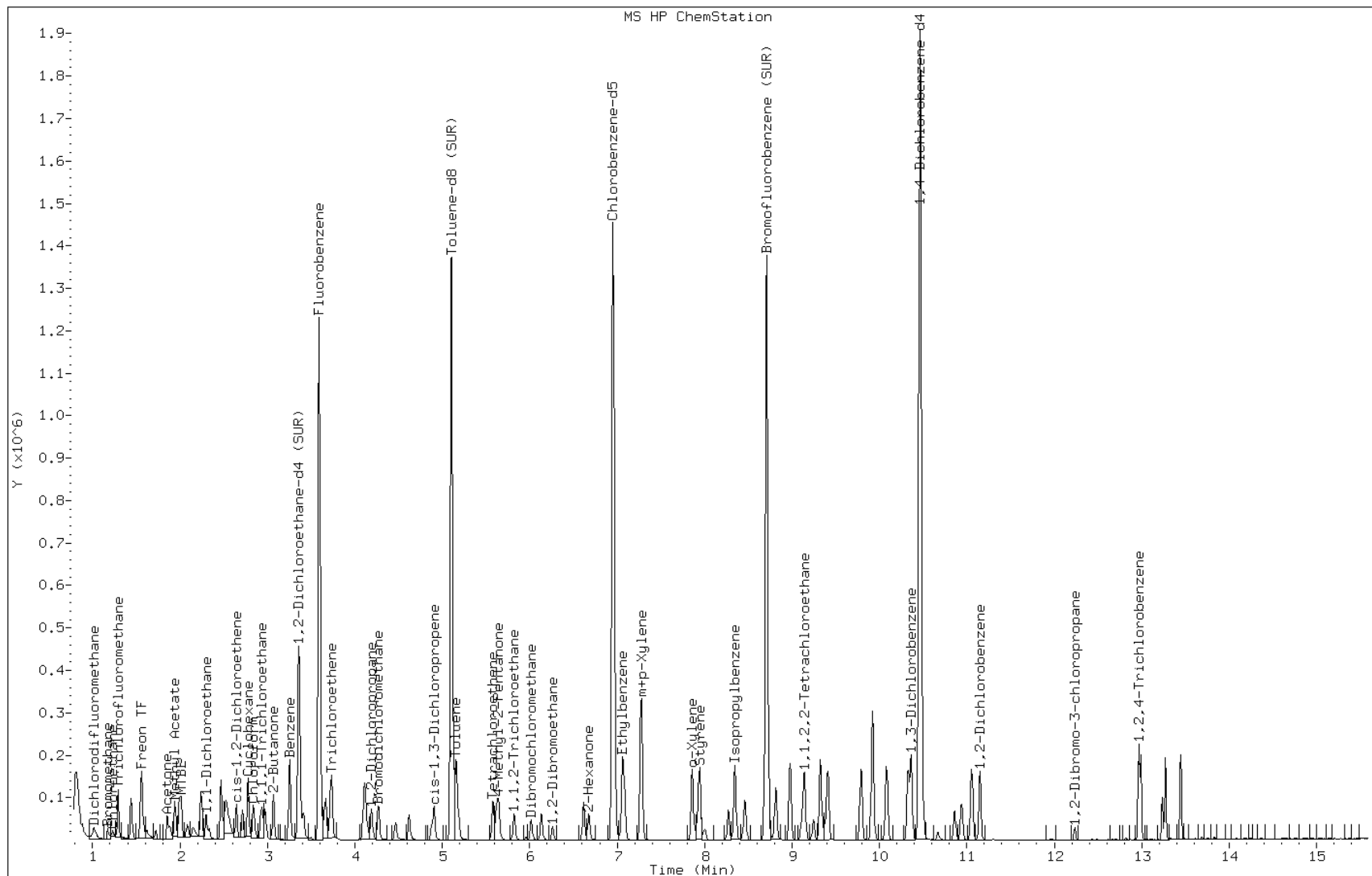
Cpnd Variable Local Compound Variable

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

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.065	3.065	(0.854)	8693	15.0000	13
42 Chloroform	83	2.839	2.839	(0.791)	43067	5.00000	5.0
44 Cyclohexane	56	2.778	2.778	(0.774)	34115	5.00000	5.1
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	38117	5.00000	4.8
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	32006	5.00000	4.8
48 Benzene	78	3.254	3.254	(0.468)	99494	5.00000	5.1
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	265951	50.0000	50
49 1,2-Dichloroethane	62	3.412	3.412	(0.951)	34217	5.00000	5.1
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	1060480	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	26990	5.00000	5.1
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	37488	5.00000	5.2
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	24780	5.00000	5.2
68 Bromodichloromethane	83	4.272	4.272	(1.190)	35768	5.00000	5.1
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	44974	5.00000	5.0
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	58156	15.0000	16
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.733)	992105	50.0000	49
66 Toluene	91	5.156	5.156	(0.741)	128598	5.00000	5.3
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	41892	5.00000	5.0
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	18681	5.00000	5.1
71 Tetrachloroethene	166	5.582	5.582	(0.803)	35946	5.00000	5.2
73 2-Hexanone	43	6.674	6.674	(0.960)	46154	15.0000	16
74 Dibromochloromethane	129	6.015	6.015	(0.865)	30064	5.00000	5.0
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	25229	5.00000	5.1
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	943207	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	88593	5.00000	5.2
81 Ethylbenzene	106	7.064	7.064	(1.016)	44833	5.00000	5.1
82 m+p-Xylene	106	7.277	7.277	(1.046)	117232	10.0000	10
84 o-Xylene	106	7.856	7.856	(1.130)	58333	5.00000	5.3
85 Styrene	104	7.942	7.942	(1.142)	100962	5.00000	5.3
86 Bromoform	173	7.917	7.917	(1.139)	22459	5.00000	4.7
88 Isopropylbenzene	105	8.344	8.344	(1.200)	150903	5.00000	5.4
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	524406	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	30069	5.00000	4.9
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	88060	5.00000	5.3
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	646539	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	91871	5.00000	5.4
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	85847	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	6292	5.00000	5.2
114 1,2,4-Trichlorobenzene	180	12.965	12.965	(1.239)	62751	5.00000	5.7
M 120 1,2-Dichloroethene (Total)	100				51994	10.0000	10
M 121 Xylene (Total)	100				175566	15.0000	16

Operator: GC/MS VOAMS5



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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/e06010.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 30-JUL-2012 09:39
 Operator : GC/MS VOAMS5
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/30jul12.b/8260DE_09.m
 Meth Date : 30-Jul-2012 10:12 audberto Quant Type: ISTD
 Cal Date : 30-JUL-2012 04:34 Cal File: e05999.d
 Als bottle: 14 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.882	0.882	(0.246)	4521	1.00000	1.1
3 Chloromethane	50	1.004	1.004	(0.280)	5390	1.00000	1.1
4 Vinyl Chloride	62	1.016	1.016	(0.283)	4834	1.00000	1.1
6 Bromomethane	94	1.169	1.169	(0.326)	2815	1.00000	0.94(a)
5 Chloroethane	64	1.224	1.224	(0.341)	2741	1.00000	1.2
7 Trichlorofluoromethane	101	1.291	1.291	(0.360)	6729	1.00000	1.00
14 Freon TF	101	1.559	1.559	(0.434)	4356	1.00000	1.0
15 1,1-Dichloroethene	96	1.541	1.541	(0.429)	3896	1.00000	1.1
16 Acetone	58	1.882	1.882	(0.524)	2264	5.00000	6.4
18 Carbon Disulfide	76	1.553	1.553	(0.433)	14162	1.00000	1.1
27 Methyl Acetate	74	1.955	1.955	(0.545)	820	1.00000	1.0
22 Methylene Chloride	49	1.851	1.851	(0.516)	6127	1.00000	1.1
28 MTBE	73	2.016	2.016	(0.562)	14777	1.00000	1.0
25 trans-1,2-Dichloroethene	96	1.937	1.937	(0.540)	4755	1.00000	1.0
30 1,1-Dichloroethane	63	2.296	2.296	(0.640)	8661	1.00000	1.0
36 cis-1,2-Dichloroethene	96	2.644	2.644	(0.737)	5771	1.00000	1.1

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.065	3.065	(0.854)	3191	5.00000	4.4(a)
42 Chloroform	83	2.833	2.833	(0.789)	8926	1.00000	1.0
44 Cyclohexane	56	2.778	2.778	(0.774)	7363	1.00000	1.0
43 1,1,1-Trichloroethane	97	2.973	2.973	(0.828)	8005	1.00000	0.97(a)
45 Carbon Tetrachloride	117	2.924	2.924	(0.815)	6563	1.00000	0.94(a)
48 Benzene	78	3.254	3.254	(0.468)	19591	1.00000	0.98(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.935)	269068	50.0000	52
49 1,2-Dichloroethane	62	3.406	3.406	(0.949)	6602	1.00000	0.99(a)
* 52 Fluorobenzene	96	3.589	3.589	(1.000)	1051011	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.041)	5643	1.00000	1.0
56 Methyl cyclohexane	83	3.723	3.723	(1.037)	8779	1.00000	1.1
57 1,2-Dichloropropane	63	4.192	4.192	(1.168)	4685	1.00000	0.97(a)
68 Bromodichloromethane	83	4.272	4.272	(1.190)	6930	1.00000	0.98(a)
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.706)	8272	1.00000	0.92(a)
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.810)	21838	5.00000	5.3
\$ 65 Toluene-d8 (SUR)	98	5.101	5.101	(0.734)	1001346	50.0000	50
66 Toluene	91	5.156	5.156	(0.742)	28884	1.00000	1.1
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.813)	8041	1.00000	0.94(a)
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.838)	3725	1.00000	1.0
71 Tetrachloroethene	166	5.576	5.576	(0.803)	7335	1.00000	1.0
73 2-Hexanone	43	6.680	6.680	(0.961)	18030	5.00000	5.5
74 Dibromochloromethane	129	6.015	6.015	(0.866)	5482	1.00000	0.89(a)
77 1,2-Dibromoethane	107	6.259	6.259	(0.901)	4875	1.00000	0.96(a)
* 78 Chlorobenzene-d5	117	6.948	6.948	(1.000)	952162	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.004)	17405	1.00000	1.0
81 Ethylbenzene	106	7.064	7.064	(1.017)	8845	1.00000	0.98(a)
82 m+p-Xylene	106	7.277	7.277	(1.047)	22972	2.00000	2.0
84 o-Xylene	106	7.862	7.862	(1.132)	11729	1.00000	1.0
85 Styrene	104	7.942	7.942	(1.143)	19932	1.00000	1.0
86 Bromoform	173	7.911	7.911	(1.139)	4054	1.00000	0.85(a)
88 Isopropylbenzene	105	8.344	8.344	(1.201)	28891	1.00000	0.98(a)
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	536535	50.0000	48
92 1,1,2,2-Tetrachloroethane	83	9.106	9.106	(0.870)	6402	1.00000	1.0
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	18497	1.00000	1.1
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	658475	50.0000	
109 1,4-Dichlorobenzene	146	10.484	10.484	(1.002)	19205	1.00000	1.1
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	17354	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.169)	1334	1.00000	1.0
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	13742	1.00000	1.2
M 120 1,2-Dichloroethene (Total)	100				10527	2.00000	2.1
M 121 Xylene (Total)	100				34702	3.00000	3.0

QC Flag Legend

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

Data File: e06010.d

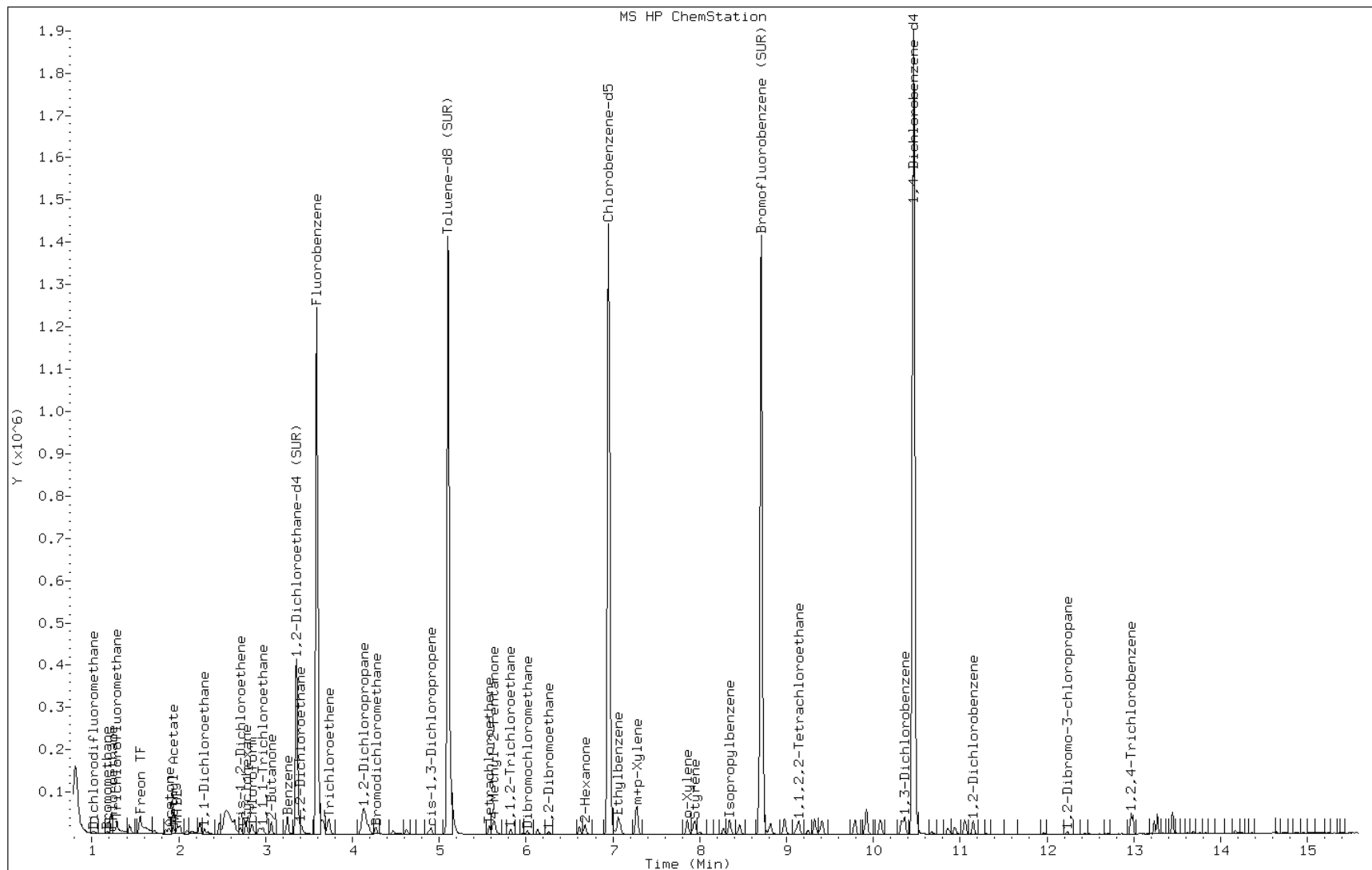
Date: 30-JUL-2012 09:39

Client ID:

Instrument: VOAMS5.i

Sample Info: IC-VMCAL1

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCVIS 460-123484/2 Calibration Date: 08/10/2012 08:32

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: e06551.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	0.2108	0.1000	21.8	20.0	9.2	25.0
Chloromethane	Ave	0.2297	0.2363	0.1000	20.6	20.0	2.9	25.0
Vinyl chloride	Ave	0.2158	0.2207	0.1000	20.5	20.0	2.3	25.0
Bromomethane	Ave	0.1418	0.1616	0.1000	22.8	20.0	13.9	25.0
Chloroethane	Ave	0.1124	0.1231	0.1000	21.9	20.0	9.5	25.0
Trichlorofluoromethane	Ave	0.3212	0.3990	0.1000	24.8	20.0	24.2	25.0
1,1-Dichloroethene	Ave	0.1735	0.1598	0.1000	18.4	20.0	-7.9	25.0
Carbon disulfide	Ave	0.6165	0.4666	0.1000	15.1	20.0	-24.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.1962	0.1000	19.8	20.0	-0.9	25.0
Methylene Chloride	Ave	0.2678	0.2710	0.1000	20.2	20.0	1.2	25.0
Acetone	Ave	0.0169	0.0206*	0.1000	24.3	20.0	21.7	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.2070	0.1000	18.7	20.0	-6.5	25.0
Methyl acetate	Ave	0.0385	0.0357*	0.1000	18.5	20.0	-7.3	25.0
Methyl tert-butyl ether	Ave	0.6820	0.6527	0.1000	19.1	20.0	-4.3	25.0
1,1-Dichloroethane	Ave	0.4073	0.4308	0.1000	21.2	20.0	5.8	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2490	0.1000	19.5	20.0	-2.6	25.0
Cyclohexane	Ave	0.3402	0.2853	0.1000	16.8	20.0	-16.1	25.0
Chloroform	Ave	0.4173	0.4385	0.1000	21.0	20.0	5.1	25.0
Carbon tetrachloride	Ave	0.3333	0.3309	0.1000	19.9	20.0	-0.7	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.4002	0.1000	20.4	20.0	1.8	25.0
2-Butanone (MEK)	Ave	0.0343	0.0360*	0.1000	21.0	20.0	4.9	25.0
Benzene	Ave	1.046	0.9872	0.1000	18.9	20.0	-5.6	25.0
1,2-Dichloroethane	Ave	0.3180	0.3493	0.1000	22.0	20.0	9.9	25.0
Methylcyclohexane	Ave	0.3670	0.2891	0.1000	15.7	20.0	-21.2	25.0
Trichloroethene	Ave	0.2556	0.2265	0.1000	17.7	20.0	-11.4	25.0
1,2-Dichloropropane	Ave	0.2295	0.2048	0.1000	17.9	20.0	-10.7	25.0
Dichlorobromomethane	Ave	0.3375	0.3234	0.1000	19.2	20.0	-4.2	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4500	0.1000	19.1	20.0	-4.5	25.0
Toluene	Ave	1.325	1.221	0.1000	18.4	20.0	-7.8	25.0
Tetrachloroethene	Ave	0.3828	0.3470	0.1000	18.1	20.0	-9.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.1862	0.1000	17.2	20.0	-14.1	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4251	0.1000	18.9	20.0	-5.3	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1818	0.1000	18.6	20.0	-6.8	25.0
Chlorodibromomethane	Ave	0.3228	0.3090	0.1000	19.1	20.0	-4.3	25.0
1,2-Dibromoethane	Ave	0.2661	0.2419	0.1000	18.2	20.0	-9.1	25.0
2-Hexanone	Ave	0.1724	0.1605	0.1000	18.6	20.0	-7.0	25.0
Chlorobenzene	Ave	0.9121	0.8764	0.1000	19.2	20.0	-3.9	25.0
Ethylbenzene	Ave	0.4762	0.4551	0.1000	19.1	20.0	-4.4	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5843	0.1000	38.4	40.0	-3.9	25.0
o-Xylene	Ave	0.6012	0.5742	0.1000	19.1	20.0	-4.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123484/2 Calibration Date: 08/10/2012 08:32
 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: e06551.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	0.2244	0.1000	17.9	20.0	-10.7	25.0
Styrene	Ave	1.039	1.001	0.1000	19.3	20.0	-3.7	25.0
Isopropylbenzene	Ave	1.554	1.559	0.1000	20.1	20.0	0.3	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4392	0.1000	18.3	20.0	-8.5	25.0
1,3-Dichlorobenzene	Ave	1.316	1.333	0.1000	20.3	20.0	1.3	25.0
1,4-Dichlorobenzene	Ave	1.354	1.381	0.1000	20.4	20.0	2.0	25.0
1,2-Dichlorobenzene	Ave	1.249	1.263	0.1000	20.2	20.0	1.1	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0889*	0.1000	18.5	20.0	-7.4	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8003	0.1000	18.5	20.0	-7.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2846	0.1000	57.3	50.0	14.5	25.0
Toluene-d8 (Surr)	Ave	1.056	1.167	0.1000	55.3	50.0	10.5	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8756	0.1000	52.0	50.0	4.0	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06551.d
 Report Date: 10-Aug-2012 09:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06551.d
 Lab Smp Id: CCVIS
 Inj Date : 10-AUG-2012 08:32
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 09:14 audberto Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.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

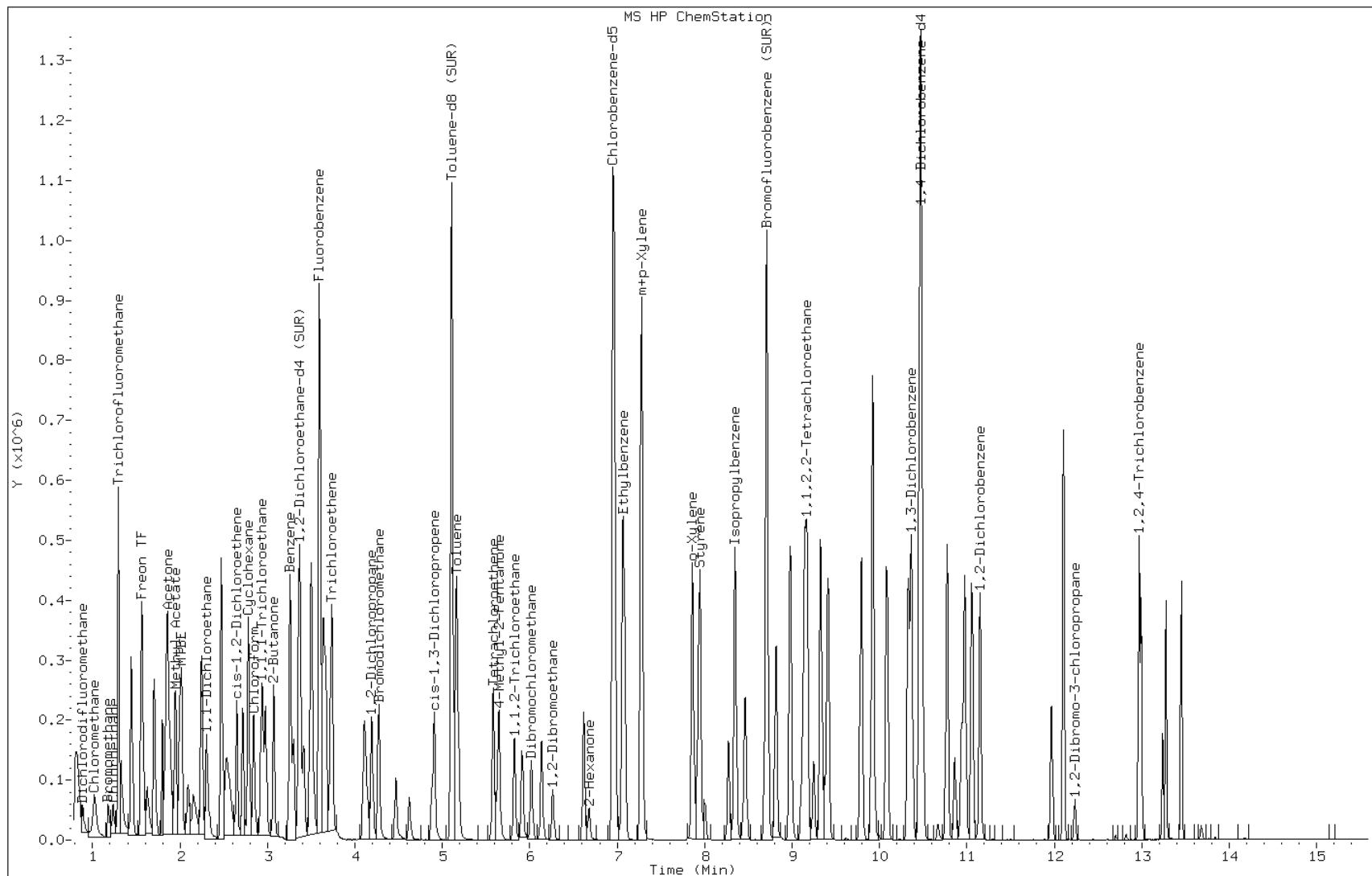
Cpnd Variable Local Compound Variable

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)	64854	20.0000	22
3 Chloromethane	50	1.010	1.010	(0.281)	72710	20.0000	20
4 Vinyl Chloride	62	1.022	1.022	(0.284)	67900	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	49719	20.0000	23
5 Chloroethane	64	1.236	1.236	(0.344)	37868	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	122768	20.0000	25
14 Freon TF	101	1.571	1.571	(0.437)	60356	20.0000	20
15 1,1-Dichloroethene	96	1.553	1.553	(0.432)	49173	20.0000	18
16 Acetone	58	1.894	1.894	(0.527)	6329	20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	143543	20.0000	15
27 Methyl Acetate	74	1.961	1.961	(0.546)	10990	20.0000	18
22 Methylene Chloride	49	1.858	1.858	(0.517)	83363	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	200807	20.0000	19
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	63699	20.0000	19
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	132535	20.0000	21
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	76622	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06551.d
 Report Date: 10-Aug-2012 09:14

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)	11073	20.0000	21
42 Chloroform	83	2.845	2.845	(0.791)	134910	20.0000	21
44 Cyclohexane	56	2.784	2.784	(0.774)	87778	20.0000	17
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	123142	20.0000	20
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	101794	20.0000	20
48 Benzene	78	3.260	3.260	(0.469)	260400	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	218910	50.0000	57
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	107473	20.0000	22
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	769175	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	69690	20.0000	18
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	88932	20.0000	16
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	63021	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	99498	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	118694	20.0000	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	49105	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	769534	50.0000	55
66 Toluene	91	5.162	5.162	(0.742)	322170	20.0000	18
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	112123	20.0000	19
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	47942	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	91524	20.0000	18
73 2-Hexanone	43	6.680	6.680	(0.961)	42324	20.0000	19
74 Dibromochloromethane	129	6.015	6.015	(0.865)	81501	20.0000	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	63810	20.0000	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	659446	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	231179	20.0000	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	120051	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	308229	40.0000	38
84 o-Xylene	106	7.862	7.862	(1.131)	151463	20.0000	19
85 Styrene	104	7.942	7.942	(1.142)	264010	20.0000	19
86 Bromoform	173	7.911	7.911	(1.138)	59198	20.0000	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	411156	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	363436	50.0000	52
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	72909	20.0000	18
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	221351	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	415041	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	229279	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	209653	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	14762	20.0000	18
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	132855	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				140321	40.0000	38
M 121 Xylene (Total)	100				459692	60.0000	58

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCV 460-123484/17 Calibration Date: 08/10/2012 19:01

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: e06577.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	0.2171	0.1000	18.9	20.0	-5.5	25.0
Vinyl chloride	Ave	0.2158	0.2096	0.1000	19.4	20.0	-2.9	25.0
Bromomethane	Ave	0.1418	0.1527	0.1000	21.5	20.0	7.7	25.0
Chloroethane	Ave	0.1124	0.1410	0.1000	25.1	20.0	25.4*	25.0
Trichlorofluoromethane	Ave	0.3212	0.3884	0.1000	24.2	20.0	20.9	25.0
1,1-Dichloroethene	Ave	0.1735	0.1528	0.1000	17.6	20.0	-11.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.1877	0.1000	19.0	20.0	-5.2	25.0
Carbon disulfide	Ave	0.6165	0.4702	0.1000	15.3	20.0	-23.7	25.0
Methylene Chloride	Ave	0.2678	0.2485	0.1000	18.6	20.0	-7.2	25.0
Acetone	Ave	0.0169	0.0180*	0.1000	21.3	20.0	6.3	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1933	0.1000	17.5	20.0	-12.7	25.0
Methyl acetate	Ave	0.0385	0.0402*	0.1000	20.9	20.0	4.3	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7077	0.1000	20.8	20.0	3.8	25.0
1,1-Dichloroethane	Ave	0.4073	0.4175	0.1000	20.5	20.0	2.5	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2396	0.1000	18.7	20.0	-6.3	25.0
Cyclohexane	Ave	0.3402	0.2806	0.1000	16.5	20.0	-17.5	25.0
Chloroform	Ave	0.4173	0.4062	0.1000	19.5	20.0	-2.7	25.0
Carbon tetrachloride	Ave	0.3333	0.3067	0.1000	18.4	20.0	-8.0	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3613	0.1000	18.4	20.0	-8.1	25.0
2-Butanone (MEK)	Ave	0.0343	0.0360*	0.1000	21.0	20.0	4.9	25.0
Benzene	Ave	1.046	0.9709	0.1000	18.6	20.0	-7.2	25.0
1,2-Dichloroethane	Ave	0.3180	0.3190	0.1000	20.1	20.0	0.3	25.0
Methylcyclohexane	Ave	0.3670	0.2907	0.1000	15.8	20.0	-20.8	25.0
Trichloroethene	Ave	0.2556	0.2221	0.1000	17.4	20.0	-13.1	25.0
1,2-Dichloropropane	Ave	0.2295	0.2040	0.1000	17.8	20.0	-11.1	25.0
Dichlorobromomethane	Ave	0.3375	0.3149	0.1000	18.7	20.0	-6.7	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4359	0.1000	18.5	20.0	-7.5	25.0
Toluene	Ave	1.325	1.191	0.1000	18.0	20.0	-10.1	25.0
Tetrachloroethene	Ave	0.3828	0.3284	0.1000	17.2	20.0	-14.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2160	0.1000	19.9	20.0	-0.4	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4184	0.1000	18.6	20.0	-6.8	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1893	0.1000	19.4	20.0	-2.9	25.0
Chlorodibromomethane	Ave	0.3228	0.3148	0.1000	19.5	20.0	-2.5	25.0
1,2-Dibromoethane	Ave	0.2661	0.2482	0.1000	18.7	20.0	-6.7	25.0
2-Hexanone	Ave	0.1724	0.1679	0.1000	19.5	20.0	-2.6	25.0
Chlorobenzene	Ave	0.9121	0.8347	0.1000	18.3	20.0	-8.5	25.0
Ethylbenzene	Ave	0.4762	0.4392	0.1000	18.4	20.0	-7.8	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5735	0.1000	37.7	40.0	-5.7	25.0
o-Xylene	Ave	0.6012	0.5617	0.1000	18.7	20.0	-6.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123484/17 Calibration Date: 08/10/2012 19:01
 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: e06577.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	0.2311	0.1000	18.4	20.0	-8.1	25.0
Styrene	Ave	1.039	0.9366	0.1000	18.0	20.0	-9.8	25.0
Isopropylbenzene	Ave	1.554	1.458	0.1000	18.8	20.0	-6.1	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4623	0.1000	19.3	20.0	-3.7	25.0
1,3-Dichlorobenzene	Ave	1.316	1.270	0.1000	19.3	20.0	-3.5	25.0
1,4-Dichlorobenzene	Ave	1.354	1.299	0.1000	19.2	20.0	-4.1	25.0
1,2-Dichlorobenzene	Ave	1.249	1.206	0.1000	19.3	20.0	-3.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0917*	0.1000	19.1	20.0	-4.5	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.7804	0.1000	18.0	20.0	-9.9	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2908	0.1000	58.5	50.0	17.1	25.0
Toluene-d8 (Surr)	Ave	1.056	1.147	0.1000	54.3	50.0	8.6	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8572	0.1000	50.9	50.0	1.8	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06577.d
 Report Date: 11-Aug-2012 04:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06577.d
 Lab Smp Id: CCV
 Inj Date : 10-AUG-2012 19:01
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 22:59 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 19:01 Cal File: e06577.d
 Als bottle: 27 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)	70472	20.0000	20
3 Chloromethane	50	1.010	1.010	(0.281)	79919	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	77175	20.0000	19
6 Bromomethane	94	1.175	1.175	(0.327)	56227	20.0000	22
5 Chloroethane	64	1.230	1.230	(0.342)	51926	20.0000	25
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	142994	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	69097	20.0000	19
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	56256	20.0000	18
16 Acetone	58	1.888	1.888	(0.525)	6615	20.0000	21
18 Carbon Disulfide	76	1.565	1.565	(0.435)	173129	20.0000	15
27 Methyl Acetate	74	1.955	1.955	(0.544)	14798	20.0000	21
22 Methylene Chloride	49	1.858	1.858	(0.517)	91476	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	260561	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	71185	20.0000	17
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	153714	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	88221	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06577.d
 Report Date: 11-Aug-2012 04:35

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)	13247	20.0000	21
42 Chloroform	83	2.839	2.839	(0.790)	149562	20.0000	19
44 Cyclohexane	56	2.778	2.778	(0.773)	103325	20.0000	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	133034	20.0000	18
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	112935	20.0000	18
48 Benzene	78	3.254	3.254	(0.468)	301278	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	267738	50.0000	58
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	117469	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	920479	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	81779	20.0000	17
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	107033	20.0000	16
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	75121	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	115954	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	135261	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	67027	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	889869	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	369686	20.0000	18
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	129842	20.0000	19
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	58752	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	101915	20.0000	17
73 2-Hexanone	43	6.680	6.680	(0.961)	52117	20.0000	19
74 Dibromochloromethane	129	6.015	6.015	(0.865)	97680	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	77031	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	775808	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	259012	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	136300	20.0000	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	355934	40.0000	38
84 o-Xylene	106	7.863	7.863	(1.131)	174318	20.0000	19
85 Styrene	104	7.942	7.942	(1.142)	290641	20.0000	18
86 Bromoform	173	7.917	7.917	(1.139)	71715	20.0000	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	452553	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	406512	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	87682	20.0000	19
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	240958	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	474199	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	246344	20.0000	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	228799	20.0000	19
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	17400	20.0000	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	148032	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				159407	40.0000	36
M 121 Xylene (Total)	100				530253	60.0000	56

Data File: e06577.d

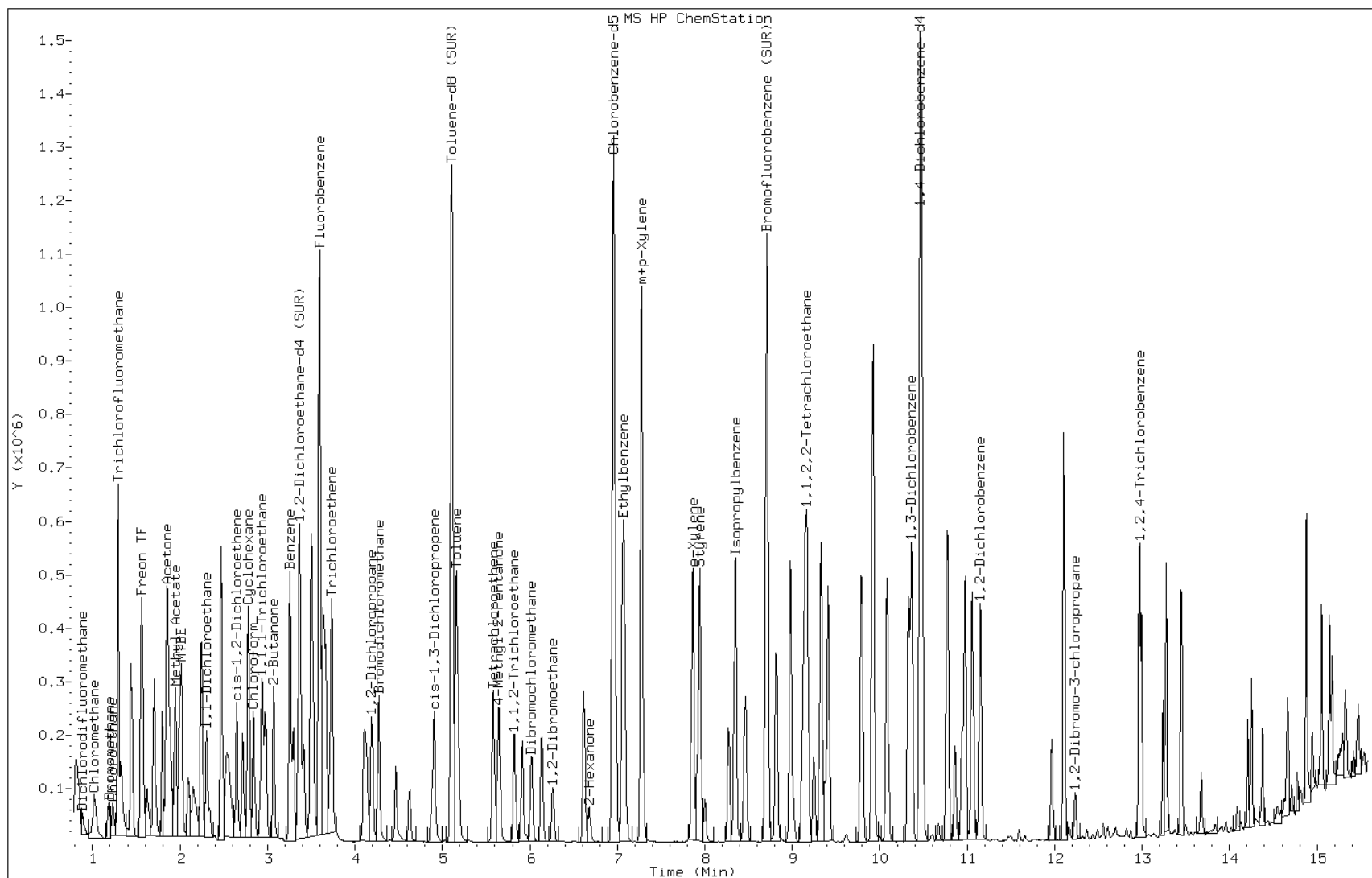
Date: 10-AUG-2012 19:01

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCVIS 460-123597/2 Calibration Date: 08/10/2012 21:04

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: e06580.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	0.1540	0.1000	15.9	20.0	-20.3	25.0
Chloromethane	Ave	0.2297	0.2075	0.1000	18.1	20.0	-9.6	25.0
Vinyl chloride	Ave	0.2158	0.1869	0.1000	17.3	20.0	-13.4	25.0
Bromomethane	Ave	0.1418	0.1470	0.1000	20.7	20.0	3.6	25.0
Chloroethane	Ave	0.1124	0.1072	0.1000	19.1	20.0	-4.7	25.0
Trichlorofluoromethane	Ave	0.3212	0.3238	0.1000	20.2	20.0	0.8	25.0
1,1-Dichloroethene	Ave	0.1735	0.1584	0.1000	18.3	20.0	-8.7	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2107	0.1000	21.3	20.0	6.4	25.0
Carbon disulfide	Ave	0.6165	0.4828	0.1000	15.7	20.0	-21.7	25.0
Methylene Chloride	Ave	0.2678	0.2572	0.1000	19.2	20.0	-4.0	25.0
Acetone	Ave	0.0169	0.0188*	0.1000	22.3	20.0	11.3	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.2034	0.1000	18.4	20.0	-8.2	25.0
Methyl acetate	Ave	0.0385	0.0410*	0.1000	21.3	20.0	6.4	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7200	0.1000	21.1	20.0	5.6	25.0
1,1-Dichloroethane	Ave	0.4073	0.4192	0.1000	20.6	20.0	2.9	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2450	0.1000	19.2	20.0	-4.2	25.0
Cyclohexane	Ave	0.3402	0.3039	0.1000	17.9	20.0	-10.7	25.0
Chloroform	Ave	0.4173	0.4299	0.1000	20.6	20.0	3.0	25.0
Carbon tetrachloride	Ave	0.3333	0.3320	0.1000	19.9	20.0	-0.4	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3886	0.1000	19.8	20.0	-1.2	25.0
2-Butanone (MEK)	Ave	0.0343	0.0364*	0.1000	21.3	20.0	6.3	25.0
Benzene	Ave	1.046	1.005	0.1000	19.2	20.0	-4.0	25.0
1,2-Dichloroethane	Ave	0.3180	0.3168	0.1000	19.9	20.0	-0.4	25.0
Methylcyclohexane	Ave	0.3670	0.3157	0.1000	17.2	20.0	-14.0	25.0
Trichloroethene	Ave	0.2556	0.2311	0.1000	18.1	20.0	-9.6	25.0
1,2-Dichloropropane	Ave	0.2295	0.2106	0.1000	18.4	20.0	-8.2	25.0
Dichlorobromomethane	Ave	0.3375	0.3228	0.1000	19.1	20.0	-4.4	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4591	0.1000	19.5	20.0	-2.5	25.0
Toluene	Ave	1.325	1.230	0.1000	18.6	20.0	-7.2	25.0
Tetrachloroethene	Ave	0.3828	0.3533	0.1000	18.5	20.0	-7.7	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2281	0.1000	21.1	20.0	5.3	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4408	0.1000	19.6	20.0	-1.8	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1921	0.1000	19.7	20.0	-1.5	25.0
Chlorodibromomethane	Ave	0.3228	0.3289	0.1000	20.4	20.0	1.9	25.0
1,2-Dibromoethane	Ave	0.2661	0.2521	0.1000	18.9	20.0	-5.3	25.0
2-Hexanone	Ave	0.1724	0.1861	0.1000	21.6	20.0	7.9	25.0
Chlorobenzene	Ave	0.9121	0.8707	0.1000	19.1	20.0	-4.5	25.0
Ethylbenzene	Ave	0.4762	0.4542	0.1000	19.1	20.0	-4.6	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5828	0.1000	38.3	40.0	-4.1	25.0
o-Xylene	Ave	0.6012	0.5698	0.1000	19.0	20.0	-5.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123597/2 Calibration Date: 08/10/2012 21:04
 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: e06580.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	0.2379	0.1000	18.9	20.0	-5.4	25.0
Styrene	Ave	1.039	0.9813	0.1000	18.9	20.0	-5.5	25.0
Isopropylbenzene	Ave	1.554	1.538	0.1000	19.8	20.0	-1.0	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4762	0.1000	19.8	20.0	-0.8	25.0
1,3-Dichlorobenzene	Ave	1.316	1.340	0.1000	20.4	20.0	1.9	25.0
1,4-Dichlorobenzene	Ave	1.354	1.377	0.1000	20.3	20.0	1.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.264	0.1000	20.2	20.0	1.2	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0970*	0.1000	20.2	20.0	1.0	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8410	0.1000	19.4	20.0	-2.9	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2907	0.1000	58.5	50.0	17.0	25.0
Toluene-d8 (Surr)	Ave	1.056	1.143	0.1000	54.1	50.0	8.3	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8551	0.1000	50.8	50.0	1.5	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06580.d
 Report Date: 10-Aug-2012 21:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06580.d
 Lab Smp Id: CCVIS
 Inj Date : 10-AUG-2012 21:04
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 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)	56167	20.0000	16
3 Chloromethane	50	1.010	1.010	(0.281)	75706	20.0000	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	68196	20.0000	17
6 Bromomethane	94	1.175	1.175	(0.327)	53619	20.0000	21
5 Chloroethane	64	1.230	1.230	(0.342)	39093	20.0000	19
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	118131	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	76849	20.0000	21
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	57783	20.0000	18
16 Acetone	58	1.894	1.894	(0.527)	6862	20.0000	22
18 Carbon Disulfide	76	1.565	1.565	(0.435)	176130	20.0000	16
27 Methyl Acetate	74	1.961	1.961	(0.546)	14953	20.0000	21
22 Methylene Chloride	49	1.857	1.857	(0.517)	93833	20.0000	19
28 MTBE	73	2.016	2.016	(0.561)	262646	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	74184	20.0000	18
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	152904	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	89357	20.0000	19

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06580.d
 Report Date: 10-Aug-2012 21:54

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	13294	20.0000	21
42 Chloroform	83	2.839	2.839	(0.790)	156810	20.0000	21
44 Cyclohexane	56	2.778	2.778	(0.773)	110850	20.0000	18
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	141761	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	121112	20.0000	20
48 Benzene	78	3.254	3.254	(0.468)	310298	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	265100	50.0000	58
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	115554	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	911995	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	84303	20.0000	18
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	115158	20.0000	17
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	76817	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	117760	20.0000	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	141770	20.0000	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	70447	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	882486	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	379675	20.0000	18
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	136120	20.0000	20
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	59321	20.0000	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	109093	20.0000	18
73 2-Hexanone	43	6.680	6.680	(0.961)	57462	20.0000	22
74 Dibromochloromethane	129	6.015	6.015	(0.865)	101571	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	77828	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	771956	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	268850	20.0000	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	140255	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	359892	40.0000	38
84 o-Xylene	106	7.862	7.862	(1.131)	175948	20.0000	19
85 Styrene	104	7.942	7.942	(1.142)	303022	20.0000	19
86 Bromoform	173	7.911	7.911	(1.138)	73456	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	474830	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	404869	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	90176	20.0000	20
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	253852	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	473447	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	260708	20.0000	20
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	239407	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	18377	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	159270	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				163541	40.0000	38
M 121 Xylene (Total)	100				535840	60.0000	57

Data File: e06580.d

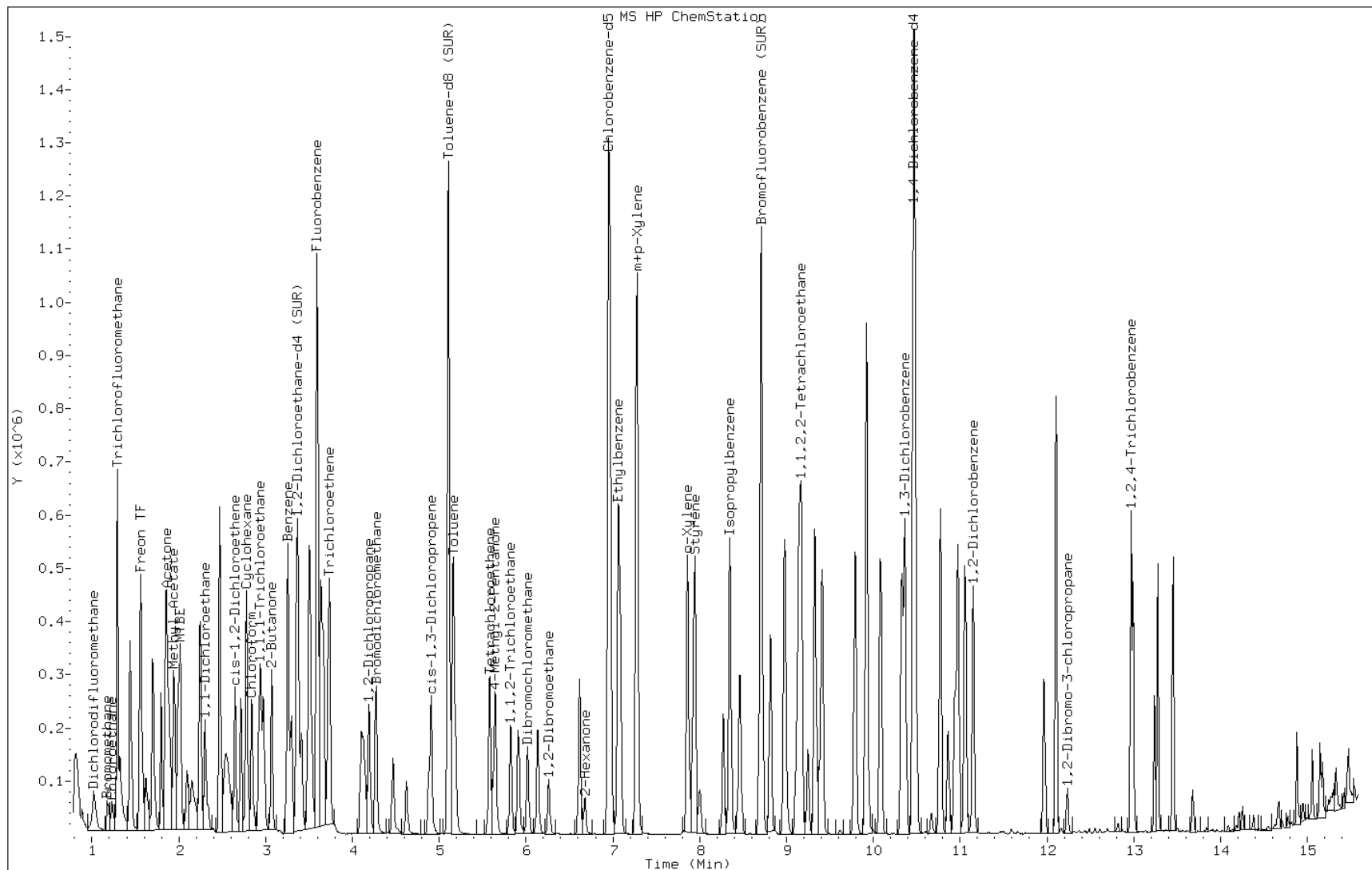
Date: 10-AUG-2012 21:04

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.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCV 460-123597/13 Calibration Date: 08/11/2012 06:33

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: e06603.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	0.1918	0.1000	19.9	20.0	-0.7	25.0
Chloromethane	Ave	0.2297	0.2188	0.1000	19.1	20.0	-4.7	25.0
Vinyl chloride	Ave	0.2158	0.2105	0.1000	19.5	20.0	-2.4	25.0
Bromomethane	Ave	0.1418	0.1612	0.1000	22.7	20.0	13.6	25.0
Chloroethane	Ave	0.1124	0.1367	0.1000	24.3	20.0	21.6	25.0
Trichlorofluoromethane	Ave	0.3212	0.3879	0.1000	24.2	20.0	20.8	25.0
1,1-Dichloroethene	Ave	0.1735	0.1472	0.1000	17.0	20.0	-15.2	25.0
Carbon disulfide	Ave	0.6165	0.4094	0.1000	13.3	20.0	-33.6*	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.1767	0.1000	17.8	20.0	-10.8	25.0
Methylene Chloride	Ave	0.2678	0.2680	0.1000	20.0	20.0	0.0	25.0
Acetone	Ave	0.0169	0.0203*	0.1000	24.1	20.0	20.3	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1906	0.1000	17.2	20.0	-13.9	25.0
Methyl acetate	Ave	0.0385	0.0415*	0.1000	21.6	20.0	7.8	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7296	0.1000	21.4	20.0	7.0	25.0
1,1-Dichloroethane	Ave	0.4073	0.4105	0.1000	20.2	20.0	0.8	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2292	0.1000	17.9	20.0	-10.4	25.0
Cyclohexane	Ave	0.3402	0.2410	0.1000	14.2	20.0	-29.2*	25.0
Chloroform	Ave	0.4173	0.4178	0.1000	20.0	20.0	0.1	25.0
Carbon tetrachloride	Ave	0.3333	0.3023	0.1000	18.1	20.0	-9.3	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3724	0.1000	18.9	20.0	-5.3	25.0
2-Butanone (MEK)	Ave	0.0343	0.0349*	0.1000	20.4	20.0	1.8	25.0
Benzene	Ave	1.046	0.9515	0.1000	18.2	20.0	-9.1	25.0
1,2-Dichloroethane	Ave	0.3180	0.3355	0.1000	21.1	20.0	5.5	25.0
Methylcyclohexane	Ave	0.3670	0.2663	0.1000	14.5	20.0	-27.5*	25.0
Trichloroethene	Ave	0.2556	0.2150	0.1000	16.8	20.0	-15.9	25.0
1,2-Dichloropropane	Ave	0.2295	0.2059	0.1000	17.9	20.0	-10.3	25.0
Dichlorobromomethane	Ave	0.3375	0.3333	0.1000	19.8	20.0	-1.2	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4481	0.1000	19.0	20.0	-4.9	25.0
Toluene	Ave	1.325	1.199	0.1000	18.1	20.0	-9.5	25.0
Tetrachloroethene	Ave	0.3828	0.3214	0.1000	16.8	20.0	-16.1	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2160	0.1000	19.9	20.0	-0.4	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4337	0.1000	19.3	20.0	-3.4	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1918	0.1000	19.7	20.0	-1.6	25.0
Chlorodibromomethane	Ave	0.3228	0.3273	0.1000	20.3	20.0	1.4	25.0
1,2-Dibromoethane	Ave	0.2661	0.2530	0.1000	19.0	20.0	-4.9	25.0
2-Hexanone	Ave	0.1724	0.1729	0.1000	20.1	20.0	0.3	25.0
Chlorobenzene	Ave	0.9121	0.8594	0.1000	18.8	20.0	-5.8	25.0
Ethylbenzene	Ave	0.4762	0.4473	0.1000	18.8	20.0	-6.1	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5689	0.1000	37.4	40.0	-6.4	25.0
o-Xylene	Ave	0.6012	0.5559	0.1000	18.5	20.0	-7.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123597/13 Calibration Date: 08/11/2012 06:33
 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: e06603.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	0.2448	0.1000	19.5	20.0	-2.6	25.0
Styrene	Ave	1.039	0.9789	0.1000	18.8	20.0	-5.8	25.0
Isopropylbenzene	Ave	1.554	1.480	0.1000	19.0	20.0	-4.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4835	0.1000	20.1	20.0	0.7	25.0
1,3-Dichlorobenzene	Ave	1.316	1.317	0.1000	20.0	20.0	0.1	25.0
1,4-Dichlorobenzene	Ave	1.354	1.359	0.1000	20.1	20.0	0.3	25.0
1,2-Dichlorobenzene	Ave	1.249	1.269	0.1000	20.3	20.0	1.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0969*	0.1000	20.2	20.0	0.9	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8284	0.1000	19.1	20.0	-4.4	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2844	0.1000	57.2	50.0	14.5	25.0
Toluene-d8 (Surr)	Ave	1.056	1.123	0.1000	53.2	50.0	6.4	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8351	0.1000	49.6	50.0	-0.9	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WB.b/e06603.d
 Report Date: 11-Aug-2012 06:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WB.b/e06603.d
 Lab Smp Id: CCV
 Inj Date : 11-AUG-2012 06:33
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WB.b/8260DE_09.m
 Meth Date : 11-Aug-2012 06:51 desais
 Cal Date : 11-AUG-2012 06:33
 Als bottle: 25
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File: e06603.d
 Continuing Calibration Sample
 Compound Sublist: HSLDEL.sub

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	63830	20.0000	20
3 Chloromethane	50	1.010	1.010	(0.281)	72824	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	70081	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	53653	20.0000	23
5 Chloroethane	64	1.230	1.230	(0.342)	45502	20.0000	24
7 Trichlorofluoromethane	101	1.291	1.291	(0.359)	129115	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	58808	20.0000	18
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	48992	20.0000	17
16 Acetone	58	1.894	1.894	(0.527)	6767	20.0000	24
18 Carbon Disulfide	76	1.559	1.559	(0.434)	136266	20.0000	13
27 Methyl Acetate	74	1.955	1.955	(0.544)	13815	20.0000	22
22 Methylene Chloride	49	1.857	1.857	(0.517)	89220	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	242852	20.0000	21
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	63425	20.0000	17
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	136624	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	76284	20.0000	18

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WB.b/e06603.d
 Report Date: 11-Aug-2012 06:51

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)	11619	20.0000	20
42 Chloroform	83	2.839	2.839	(0.790)	139081	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	80215	20.0000	14
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	123950	20.0000	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	100638	20.0000	18
48 Benzene	78	3.254	3.254	(0.468)	273429	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	236685	50.0000	57
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	111686	20.0000	21
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	832152	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	71550	20.0000	17
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	88624	20.0000	14
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	68538	20.0000	18
68 Bromodichloromethane	83	4.272	4.272	(1.188)	110940	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	128771	20.0000	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	62064	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	807158	50.0000	53
66 Toluene	91	5.162	5.162	(0.742)	344482	20.0000	18
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	124624	20.0000	19
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	55112	20.0000	20
71 Tetrachloroethene	166	5.582	5.582	(0.803)	92344	20.0000	17
73 2-Hexanone	43	6.680	6.680	(0.961)	49681	20.0000	20
74 Dibromochloromethane	129	6.021	6.021	(0.866)	94054	20.0000	20
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	72706	20.0000	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	718399	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	246954	20.0000	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	128539	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	326973	40.0000	37
84 o-Xylene	106	7.862	7.862	(1.131)	159736	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	281301	20.0000	19
86 Bromoform	173	7.911	7.911	(1.138)	70330	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	425279	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	376839	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	87263	20.0000	20
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	237738	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	451217	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	245239	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	228950	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	17493	20.0000	20
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	149516	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				139710	40.0000	35
M 121 Xylene (Total)	100				486709	60.0000	56

Data File: e06603.d

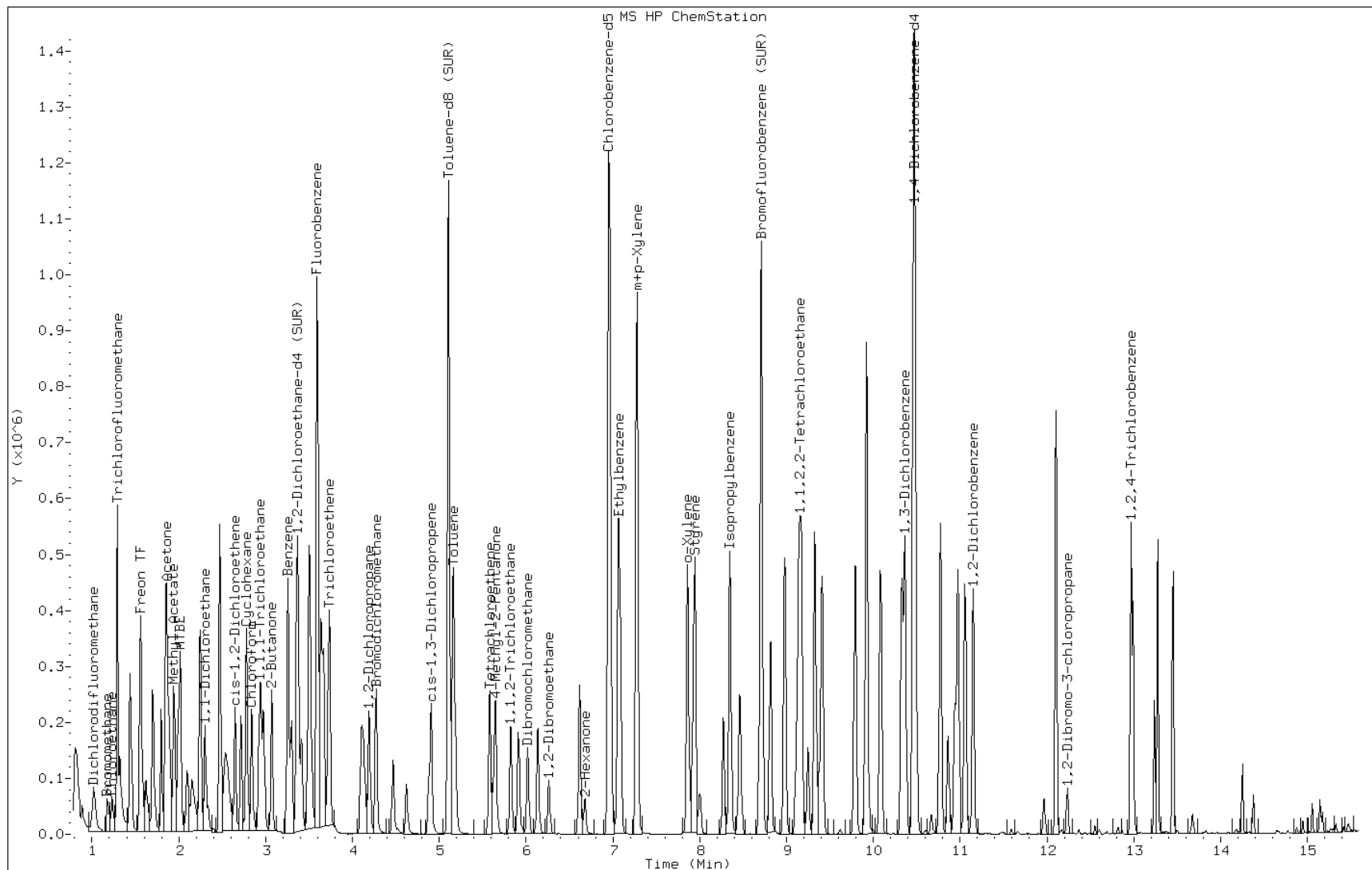
Date: 11-AUG-2012 06:33

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123702/2 Calibration Date: 08/13/2012 04:45
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06669.d Conc. Units: ug/L Heated Purge: (Y/N) N

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

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123702/2 Calibration Date: 08/13/2012 04:45
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06669.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2514	0.2219	0.1000	17.7	20.0	-11.7	25.0
Styrene	Ave	1.039	0.9043	0.1000	17.4	20.0	-13.0	25.0
Isopropylbenzene	Ave	1.554	1.432	0.1000	18.4	20.0	-7.9	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4010	0.1000	16.7	20.0	-16.5	25.0
1,3-Dichlorobenzene	Ave	1.316	1.238	0.1000	18.8	20.0	-5.9	25.0
1,4-Dichlorobenzene	Ave	1.354	1.264	0.1000	18.7	20.0	-6.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.152	0.1000	18.4	20.0	-7.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0807*	0.1000	16.8	20.0	-16.0	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.7540	0.1000	17.4	20.0	-13.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2994	0.1000	60.3	50.0	20.5	25.0
Toluene-d8 (Surr)	Ave	1.056	1.134	0.1000	53.7	50.0	7.4	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8605	0.1000	51.1	50.0	2.2	25.0

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06669.d
 Lab Smp Id: CCVIS
 Inj Date : 13-AUG-2012 04:45
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

						AMOUNTS	
	QUANT	SIG				CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	57755	20.0000	21
3 Chloromethane	50	1.010	1.010	(0.281)	60793	20.0000	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	58298	20.0000	19
6 Bromomethane	94	1.175	1.175	(0.327)	45171	20.0000	22
5 Chloroethane	64	1.230	1.230	(0.342)	36560	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	115422	20.0000	25
14 Freon TF	101	1.565	1.565	(0.435)	66384	20.0000	23
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	41426	20.0000	16
16 Acetone	58	1.888	1.888	(0.525)	5715	20.0000	23
18 Carbon Disulfide	76	1.565	1.565	(0.435)	195071	20.0000	22
27 Methyl Acetate	74	1.955	1.955	(0.544)	10730	20.0000	19
22 Methylene Chloride	49	1.857	1.857	(0.517)	68173	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	213383	20.0000	22
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	52315	20.0000	16
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	113820	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	61569	20.0000	16

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	9691	20.0000	19
42 Chloroform	83	2.839	2.839	(0.790)	116666	20.0000	19
44 Cyclohexane	56	2.778	2.778	(0.773)	99205	20.0000	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	109626	20.0000	19
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	92266	20.0000	19
48 Benzene	78	3.254	3.254	(0.468)	221548	20.0000	16
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	217228	50.0000	60
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	91707	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	725479	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	59206	20.0000	16
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	103502	20.0000	19
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	54272	20.0000	16
68 Bromodichloromethane	83	4.272	4.272	(1.188)	90854	20.0000	18
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	103698	20.0000	17
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	47012	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	728595	50.0000	54
66 Toluene	91	5.162	5.162	(0.742)	276808	20.0000	16
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	98976	20.0000	17
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	41773	20.0000	17
71 Tetrachloroethene	166	5.582	5.582	(0.803)	79608	20.0000	16
73 2-Hexanone	43	6.680	6.680	(0.961)	36077	20.0000	16
74 Dibromochloromethane	129	6.021	6.021	(0.866)	76908	20.0000	18
77 1,2-Dibromoethane	107	6.265	6.265	(0.901)	55328	20.0000	16
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	642344	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	203256	20.0000	17
81 Ethylbenzene	106	7.064	7.064	(1.016)	107030	20.0000	17
82 m+p-Xylene	106	7.277	7.277	(1.046)	269255	40.0000	34
84 o-Xylene	106	7.862	7.862	(1.131)	134885	20.0000	17
85 Styrene	104	7.942	7.942	(1.142)	232342	20.0000	17
86 Bromoform	173	7.911	7.911	(1.138)	57013	20.0000	18
88 Isopropylbenzene	105	8.350	8.350	(1.201)	367857	20.0000	18
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	348546	50.0000	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	64967	20.0000	17
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	200600	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	405040	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	204794	20.0000	19
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	186582	20.0000	18
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	13074	20.0000	17
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	122167	20.0000	17
M 120 1,2-Dichloroethene (Total)	100				113884	40.0000	33
M 121 Xylene (Total)	100				404140	60.0000	52

Data File: e06669.d

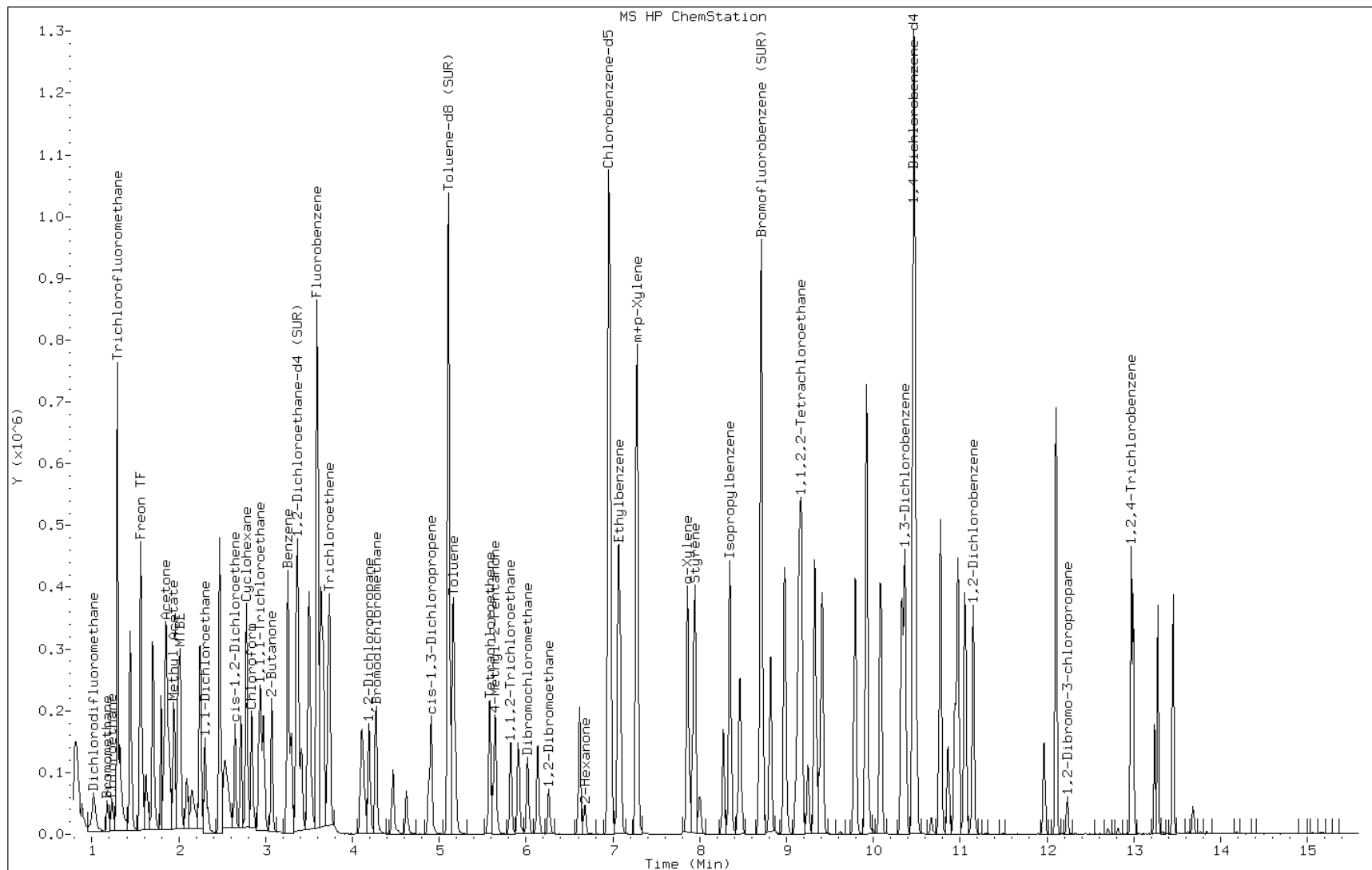
Date: 13-AUG-2012 04:45

Client ID:

Instrument: VOAMS5.i

Sample Info: CCVIS

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

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

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

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

Lab File ID: e06699.d Conc. Units: ug/L Heated Purge: (Y/N) N

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

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123702/18 Calibration Date: 08/13/2012 16:25
 Instrument ID: VOAMS5 Calib Start Date: 07/30/2012 04:34
 GC Column: Rtx-VMS ID: 0.18 (mm) Calib End Date: 07/30/2012 09:39
 Lab File ID: e06699.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromoform	Ave	0.2514	0.2782	0.1000	22.1	20.0	10.7	25.0
Styrene	Ave	1.039	1.078	0.1000	20.8	20.0	3.8	25.0
Isopropylbenzene	Ave	1.554	1.691	0.1000	21.8	20.0	8.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.5162	0.1000	21.5	20.0	7.5	25.0
1,3-Dichlorobenzene	Ave	1.316	1.465	0.1000	22.3	20.0	11.3	25.0
1,4-Dichlorobenzene	Ave	1.354	1.499	0.1000	22.1	20.0	10.7	25.0
1,2-Dichlorobenzene	Ave	1.249	1.410	0.1000	22.6	20.0	12.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.1034	0.1000	21.5	20.0	7.7	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.9205	0.1000	21.2	20.0	6.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2814	0.1000	56.7	50.0	13.3	25.0
Toluene-d8 (Surr)	Ave	1.056	1.097	0.1000	52.0	50.0	3.9	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8302	0.1000	49.3	50.0	-1.4	25.0

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06699.d
 Lab Smp Id: CCV
 Inj Date : 13-AUG-2012 16:25
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 23:56 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 16:25 Cal File: e06699.d
 Als bottle: 30 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

						AMOUNTS	
	QUANT	SIG				CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	69174	20.0000	22
3 Chloromethane	50	1.010	1.010	(0.281)	70966	20.0000	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	69770	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	51062	20.0000	22
5 Chloroethane	64	1.230	1.230	(0.342)	49717	20.0000	27
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	136710	20.0000	26
14 Freon TF	101	1.565	1.565	(0.435)	77468	20.0000	24
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	51902	20.0000	18
16 Acetone	58	1.888	1.888	(0.525)	6725	20.0000	24
18 Carbon Disulfide	76	1.565	1.565	(0.435)	239101	20.0000	24
27 Methyl Acetate	74	1.955	1.955	(0.544)	15457	20.0000	25
22 Methylene Chloride	49	1.858	1.858	(0.517)	85922	20.0000	20
28 MTBE	73	2.016	2.016	(0.561)	267266	20.0000	24
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	67150	20.0000	19
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	149119	20.0000	22
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	87533	20.0000	21

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

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	13214	20.0000	24
42 Chloroform	83	2.839	2.839	(0.790)	146926	20.0000	22
44 Cyclohexane	56	2.778	2.778	(0.773)	124014	20.0000	22
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	138183	20.0000	22
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	115568	20.0000	21
48 Benzene	78	3.254	3.254	(0.468)	289329	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	228906	50.0000	57
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	120859	20.0000	23
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	813256	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	79179	20.0000	19
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	134471	20.0000	22
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	72997	20.0000	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	119421	20.0000	22
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	136129	20.0000	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	69590	20.0000	23
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	777882	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	386033	20.0000	20
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	134351	20.0000	21
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	61926	20.0000	22
71 Tetrachloroethene	166	5.582	5.582	(0.803)	103800	20.0000	19
73 2-Hexanone	43	6.680	6.680	(0.961)	52704	20.0000	22
74 Dibromochloromethane	129	6.015	6.015	(0.865)	105768	20.0000	23
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	79724	20.0000	21
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	709051	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	269224	20.0000	21
81 Ethylbenzene	106	7.064	7.064	(1.016)	144680	20.0000	21
82 m+p-Xylene	106	7.277	7.277	(1.046)	383850	40.0000	44
84 o-Xylene	106	7.862	7.862	(1.131)	187869	20.0000	22
85 Styrene	104	7.942	7.942	(1.142)	305872	20.0000	21
86 Bromoform	173	7.917	7.917	(1.139)	78912	20.0000	22
88 Isopropylbenzene	105	8.350	8.350	(1.201)	479491	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	363805	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	90473	20.0000	22
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	256771	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	438199	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	262791	20.0000	22
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	247090	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	18128	20.0000	22
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	161347	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				154684	40.0000	40
M 121 Xylene (Total)	100				571719	60.0000	66

Data File: e06699.d

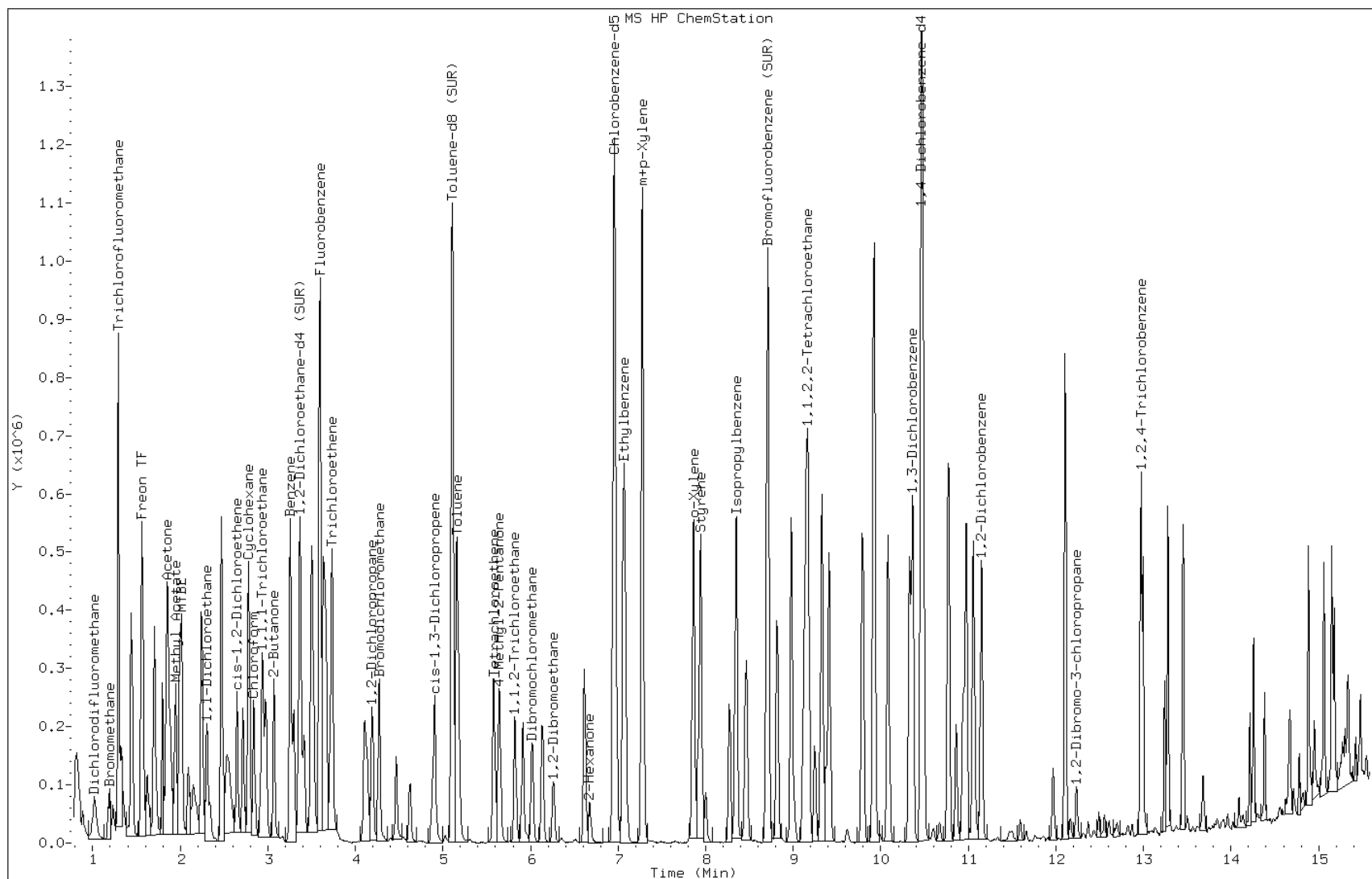
Date: 13-AUG-2012 16:25

Client ID:

Instrument: VOAMS5.i

Sample Info: CCV

Operator: GC/MS VOAMS5



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCVIS 460-123852/2 Calibration Date: 08/13/2012 19:08

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: e06702.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	0.2048	0.1000	21.2	20.0	6.0	25.0
Chloromethane	Ave	0.2297	0.2293	0.1000	20.0	20.0	-0.2	25.0
Vinyl chloride	Ave	0.2158	0.2137	0.1000	19.8	20.0	-1.0	25.0
Bromomethane	Ave	0.1418	0.1659	0.1000	23.4	20.0	16.9	25.0
Chloroethane	Ave	0.1124	0.1383	0.1000	24.6	20.0	23.0	25.0
Trichlorofluoromethane	Ave	0.3212	0.3891	0.1000	24.2	20.0	21.2	25.0
1,1-Dichloroethene	Ave	0.1735	0.1473	0.1000	17.0	20.0	-15.1	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.1988	0.1000	20.1	20.0	0.4	25.0
Carbon disulfide	Ave	0.6165	0.7186	0.1000	23.3	20.0	16.6	25.0
Methylene Chloride	Ave	0.2678	0.2497	0.1000	18.6	20.0	-6.8	25.0
Acetone	Ave	0.0169	0.0191*	0.1000	22.6	20.0	12.9	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1853	0.1000	16.7	20.0	-16.3	25.0
Methyl acetate	Ave	0.0385	0.0491*	0.1000	25.5	20.0	27.5*	25.0
Methyl tert-butyl ether	Ave	0.6820	0.8395	0.1000	24.6	20.0	23.1	25.0
1,1-Dichloroethane	Ave	0.4073	0.4041	0.1000	19.8	20.0	-0.8	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2376	0.1000	18.6	20.0	-7.1	25.0
Cyclohexane	Ave	0.3402	0.2804	0.1000	16.5	20.0	-17.6	25.0
Chloroform	Ave	0.4173	0.4294	0.1000	20.6	20.0	2.9	25.0
Carbon tetrachloride	Ave	0.3333	0.3268	0.1000	19.6	20.0	-2.0	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3915	0.1000	19.9	20.0	-0.5	25.0
2-Butanone (MEK)	Ave	0.0343	0.0377*	0.1000	22.0	20.0	9.8	25.0
Benzene	Ave	1.046	0.9172	0.1000	17.5	20.0	-12.3	25.0
1,2-Dichloroethane	Ave	0.3180	0.3166	0.1000	19.9	20.0	-0.4	25.0
Methylcyclohexane	Ave	0.3670	0.2802	0.1000	15.3	20.0	-23.6	25.0
Trichloroethene	Ave	0.2556	0.2181	0.1000	17.1	20.0	-14.7	25.0
1,2-Dichloropropane	Ave	0.2295	0.2006	0.1000	17.5	20.0	-12.6	25.0
Dichlorobromomethane	Ave	0.3375	0.3369	0.1000	20.0	20.0	-0.2	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.4326	0.1000	18.4	20.0	-8.1	25.0
Toluene	Ave	1.325	1.167	0.1000	17.6	20.0	-12.0	25.0
Tetrachloroethene	Ave	0.3828	0.3218	0.1000	16.8	20.0	-15.9	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2386	0.1000	22.0	20.0	10.1	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.4200	0.1000	18.7	20.0	-6.5	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1828	0.1000	18.7	20.0	-6.3	25.0
Chlorodibromomethane	Ave	0.3228	0.3180	0.1000	19.7	20.0	-1.5	25.0
1,2-Dibromoethane	Ave	0.2661	0.2375	0.1000	17.8	20.0	-10.8	25.0
2-Hexanone	Ave	0.1724	0.2030	0.1000	23.5	20.0	17.7	25.0
Chlorobenzene	Ave	0.9121	0.8500	0.1000	18.6	20.0	-6.8	25.0
Ethylbenzene	Ave	0.4762	0.4452	0.1000	18.7	20.0	-6.5	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5725	0.1000	37.7	40.0	-5.8	25.0
o-Xylene	Ave	0.6012	0.5626	0.1000	18.7	20.0	-6.4	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-123852/2 Calibration Date: 08/13/2012 19:08
 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: e06702.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	0.2425	0.1000	19.3	20.0	-3.5	25.0
Styrene	Ave	1.039	0.9625	0.1000	18.5	20.0	-7.4	25.0
Isopropylbenzene	Ave	1.554	1.509	0.1000	19.4	20.0	-2.9	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4483	0.1000	18.7	20.0	-6.6	25.0
1,3-Dichlorobenzene	Ave	1.316	1.315	0.1000	20.0	20.0	-0.0	25.0
1,4-Dichlorobenzene	Ave	1.354	1.343	0.1000	19.8	20.0	-0.8	25.0
1,2-Dichlorobenzene	Ave	1.249	1.244	0.1000	19.9	20.0	-0.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0931*	0.1000	19.4	20.0	-3.1	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8225	0.1000	19.0	20.0	-5.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2899	0.1000	58.4	50.0	16.7	25.0
Toluene-d8 (Surr)	Ave	1.056	1.097	0.1000	52.0	50.0	4.0	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8225	0.1000	48.8	50.0	-2.4	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06702.d
 Report Date: 14-Aug-2012 00:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06702.d
 Lab Smp Id: CCVIS
 Inj Date : 13-AUG-2012 19:08
 Operator : GC/MS VOAMS5
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 00:22 martinez Quant Type: ISTD
 Cal Date : 13-AUG-2012 19:08 Cal File: e06702.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * 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)	62122	20.0000	21
3 Chloromethane	50	1.010	1.010	(0.281)	69546	20.0000	20
4 Vinyl Chloride	62	1.022	1.022	(0.284)	64814	20.0000	20
6 Bromomethane	94	1.175	1.175	(0.327)	50317	20.0000	23
5 Chloroethane	64	1.230	1.230	(0.342)	41954	20.0000	24
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	118033	20.0000	24
14 Freon TF	101	1.565	1.565	(0.435)	60302	20.0000	20
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	44684	20.0000	17
16 Acetone	58	1.888	1.888	(0.525)	5786	20.0000	22
18 Carbon Disulfide	76	1.565	1.565	(0.435)	217977	20.0000	23
27 Methyl Acetate	74	1.961	1.961	(0.546)	14893	20.0000	25
22 Methylene Chloride	49	1.857	1.857	(0.517)	75752	20.0000	19
28 MTBE	73	2.016	2.016	(0.561)	254664	20.0000	25
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	56203	20.0000	17
30 1,1-Dichloroethane	63	2.302	2.302	(0.640)	122592	20.0000	20
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	72087	20.0000	18

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06702.d
 Report Date: 14-Aug-2012 00:22

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
38 2-Butanone	72	3.071	3.071	(0.854)	11420	20.0000	22
42 Chloroform	83	2.839	2.839	(0.790)	130250	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	85047	20.0000	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	118754	20.0000	20
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	99139	20.0000	20
48 Benzene	78	3.254	3.254	(0.468)	245111	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	219879	50.0000	58
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	96050	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	758379	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	66149	20.0000	17
56 Methyl cyclohexane	83	3.723	3.723	(1.036)	85012	20.0000	15
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	60841	20.0000	17
68 Bromodichloromethane	83	4.272	4.272	(1.188)	102211	20.0000	20
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	115604	20.0000	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	63755	20.0000	22
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	733307	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	311761	20.0000	18
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	112232	20.0000	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	48839	20.0000	19
71 Tetrachloroethene	166	5.582	5.582	(0.803)	85997	20.0000	17
73 2-Hexanone	43	6.674	6.674	(0.960)	54256	20.0000	24
74 Dibromochloromethane	129	6.015	6.015	(0.865)	84974	20.0000	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	63460	20.0000	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	668081	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	227158	20.0000	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	118964	20.0000	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	305983	40.0000	38
84 o-Xylene	106	7.862	7.862	(1.131)	150338	20.0000	19
85 Styrene	104	7.942	7.942	(1.142)	257202	20.0000	18
86 Bromoform	173	7.917	7.917	(1.139)	64805	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	403364	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	347538	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	75766	20.0000	19
105 1,3-Dichlorobenzene	146	10.325	10.325	(0.987)	222286	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	422526	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	227015	20.0000	20
111 1,2-Dichlorobenzene	146	11.148	11.148	(1.065)	210237	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.233	12.233	(1.169)	15726	20.0000	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	139011	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				128290	40.0000	35
M 121 Xylene (Total)	100				456321	60.0000	56

Data File: e06702.d

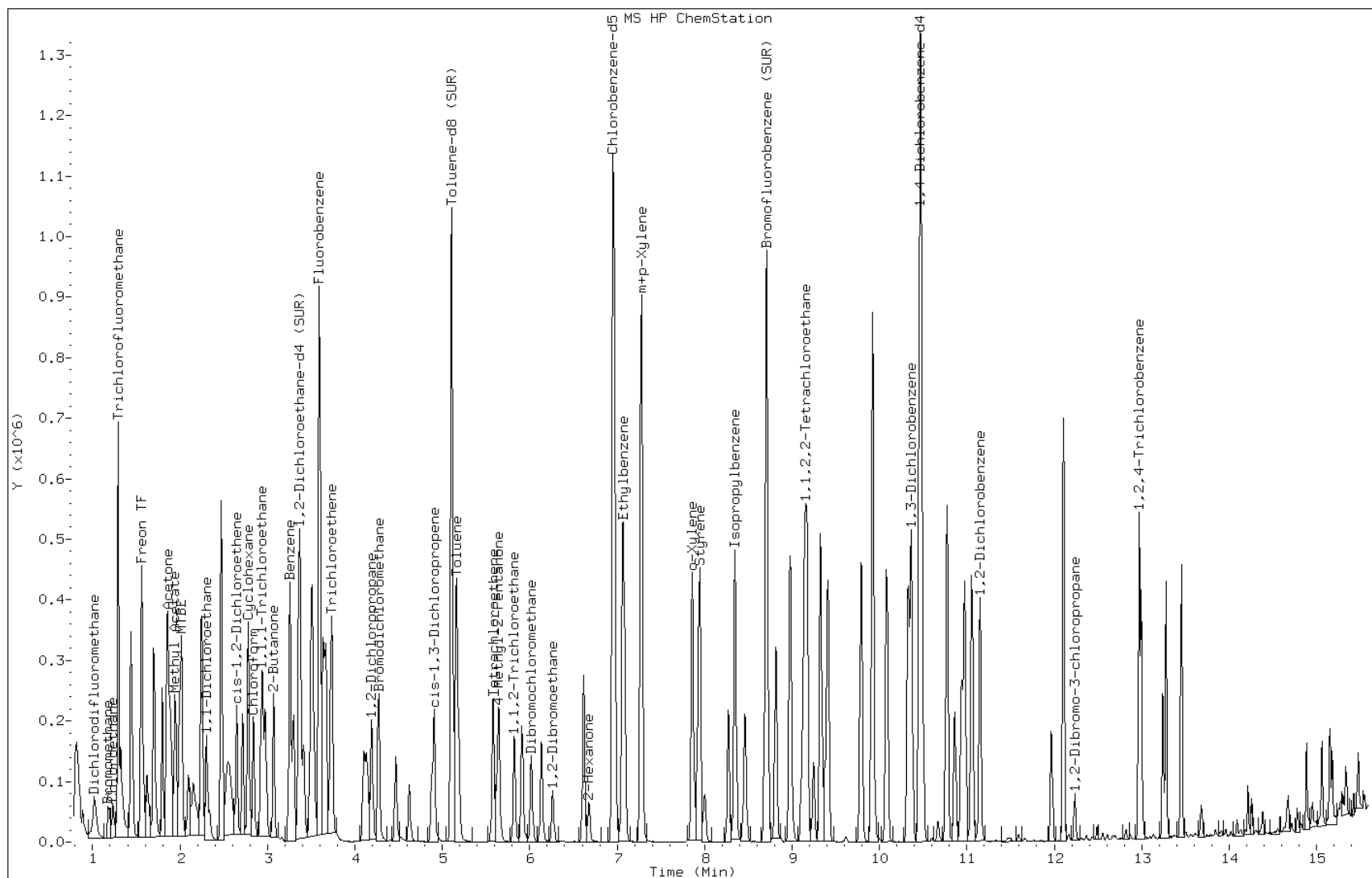
Date: 13-AUG-2012 19:08

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.: 460-43314-1

SDG No.: _____

Lab Sample ID: CCV 460-123852/9 Calibration Date: 08/14/2012 04:43

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: e06725.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	0.1679	0.1000	17.4	20.0	-13.0	25.0
Chloromethane	Ave	0.2297	0.1974	0.1000	17.2	20.0	-14.0	25.0
Vinyl chloride	Ave	0.2158	0.1822	0.1000	16.9	20.0	-15.6	25.0
Bromomethane	Ave	0.1418	0.1430	0.1000	20.2	20.0	0.8	25.0
Chloroethane	Ave	0.1124	0.1226	0.1000	21.8	20.0	9.1	25.0
Trichlorofluoromethane	Ave	0.3212	0.3301	0.1000	20.6	20.0	2.8	25.0
1,1-Dichloroethene	Ave	0.1735	0.1442	0.1000	16.6	20.0	-16.9	25.0
Carbon disulfide	Ave	0.6165	0.6922	0.1000	22.5	20.0	12.3	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1980	0.2209	0.1000	22.3	20.0	11.6	25.0
Methylene Chloride	Ave	0.2678	0.2349	0.1000	17.5	20.0	-12.3	25.0
Acetone	Ave	0.0169	0.0229*	0.1000	27.1	20.0	35.6*	25.0
trans-1,2-Dichloroethene	Ave	0.2214	0.1747	0.1000	15.8	20.0	-21.1	25.0
Methyl acetate	Ave	0.0385	0.0450*	0.1000	23.4	20.0	16.9	25.0
Methyl tert-butyl ether	Ave	0.6820	0.7583	0.1000	22.2	20.0	11.2	25.0
1,1-Dichloroethane	Ave	0.4073	0.3851	0.1000	18.9	20.0	-5.5	25.0
cis-1,2-Dichloroethene	Ave	0.2558	0.2253	0.1000	17.6	20.0	-11.9	25.0
Cyclohexane	Ave	0.3402	0.3413	0.1000	20.1	20.0	0.3	25.0
Chloroform	Ave	0.4173	0.4138	0.1000	19.8	20.0	-0.8	25.0
Carbon tetrachloride	Ave	0.3333	0.3067	0.1000	18.4	20.0	-8.0	25.0
1,1,1-Trichloroethane	Ave	0.3933	0.3586	0.1000	18.2	20.0	-8.8	25.0
2-Butanone (MEK)	Ave	0.0343	0.0365*	0.1000	21.3	20.0	6.5	25.0
Benzene	Ave	1.046	0.8486	0.1000	16.2	20.0	-18.9	25.0
1,2-Dichloroethane	Ave	0.3180	0.3219	0.1000	20.2	20.0	1.2	25.0
Methylcyclohexane	Ave	0.3670	0.3531	0.1000	19.2	20.0	-3.8	25.0
Trichloroethene	Ave	0.2556	0.2084	0.1000	16.3	20.0	-18.5	25.0
1,2-Dichloropropane	Ave	0.2295	0.1931	0.1000	16.8	20.0	-15.9	25.0
Dichlorobromomethane	Ave	0.3375	0.3101	0.1000	18.4	20.0	-8.1	25.0
cis-1,3-Dichloropropene	Ave	0.4710	0.3996	0.1000	17.0	20.0	-15.2	25.0
Toluene	Ave	1.325	1.119	0.1000	16.9	20.0	-15.6	25.0
Tetrachloroethene	Ave	0.3828	0.3087	0.1000	16.1	20.0	-19.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2168	0.2242	0.1000	20.7	20.0	3.5	25.0
trans-1,3-Dichloropropene	Ave	0.4491	0.3989	0.1000	17.8	20.0	-11.2	25.0
1,1,2-Trichloroethane	Ave	0.1950	0.1762	0.1000	18.1	20.0	-9.6	25.0
Chlorodibromomethane	Ave	0.3228	0.3132	0.1000	19.4	20.0	-3.0	25.0
1,2-Dibromoethane	Ave	0.2661	0.2339	0.1000	17.6	20.0	-12.1	25.0
2-Hexanone	Ave	0.1724	0.1809	0.1000	21.0	20.0	4.9	25.0
Chlorobenzene	Ave	0.9121	0.8240	0.1000	18.1	20.0	-9.7	25.0
Ethylbenzene	Ave	0.4762	0.4272	0.1000	17.9	20.0	-10.3	25.0
m-Xylene & p-Xylene	Ave	0.6079	0.5368	0.1000	35.3	40.0	-11.7	25.0
o-Xylene	Ave	0.6012	0.5443	0.1000	18.1	20.0	-9.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Lab Sample ID: CCV 460-123852/9 Calibration Date: 08/14/2012 04:43
 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: e06725.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	0.2426	0.1000	19.3	20.0	-3.5	25.0
Styrene	Ave	1.039	0.9324	0.1000	18.0	20.0	-10.2	25.0
Isopropylbenzene	Ave	1.554	1.469	0.1000	18.9	20.0	-5.5	25.0
1,1,2,2-Tetrachloroethane	Ave	0.4801	0.4671	0.1000	19.5	20.0	-2.7	25.0
1,3-Dichlorobenzene	Ave	1.316	1.275	0.1000	19.4	20.0	-3.1	25.0
1,4-Dichlorobenzene	Ave	1.354	1.319	0.1000	19.5	20.0	-2.6	25.0
1,2-Dichlorobenzene	Ave	1.249	1.232	0.1000	19.7	20.0	-1.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.0961	0.0936*	0.1000	19.5	20.0	-2.6	25.0
1,2,4-Trichlorobenzene	Ave	0.8665	0.8228	0.1000	19.0	20.0	-5.1	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2484	0.2841	0.1000	57.2	50.0	14.4	25.0
Toluene-d8 (Surr)	Ave	1.056	1.091	0.1000	51.7	50.0	3.3	25.0
4-Bromofluorobenzene	Ave	0.8423	0.8511	0.1000	50.5	50.0	1.0	25.0

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06725.d
 Report Date: 14-Aug-2012 06:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06725.d
 Lab Smp Id: CCV
 Inj Date : 14-AUG-2012 04:43
 Operator : GC/MS VOAMS5
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 06:09 audberto Quant Type: ISTD
 Cal Date : 14-AUG-2012 04:43 Cal File: e06725.d
 Als bottle: 25 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)	49794	20.0000	17
3 Chloromethane	50	1.016	1.016	(0.283)	58534	20.0000	17
4 Vinyl Chloride	62	1.022	1.022	(0.284)	54027	20.0000	17
6 Bromomethane	94	1.175	1.175	(0.327)	42388	20.0000	20
5 Chloroethane	64	1.230	1.230	(0.342)	36367	20.0000	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	97893	20.0000	20
14 Freon TF	101	1.565	1.565	(0.435)	65492	20.0000	22
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	42744	20.0000	17
16 Acetone	58	1.888	1.888	(0.525)	6795	20.0000	27
18 Carbon Disulfide	76	1.559	1.559	(0.434)	205246	20.0000	22
27 Methyl Acetate	74	1.961	1.961	(0.546)	13354	20.0000	23
22 Methylene Chloride	49	1.858	1.858	(0.517)	69654	20.0000	18
28 MTBE	73	2.016	2.016	(0.561)	224844	20.0000	22
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	51797	20.0000	16
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	114199	20.0000	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	66816	20.0000	18

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06725.d
 Report Date: 14-Aug-2012 06:09

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)	10830	20.0000	21
42 Chloroform	83	2.839	2.839	(0.790)	122715	20.0000	20
44 Cyclohexane	56	2.778	2.778	(0.773)	101198	20.0000	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	106320	20.0000	18
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	90936	20.0000	18
48 Benzene	78	3.254	3.254	(0.468)	228725	20.0000	16
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	210639	50.0000	57
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	95453	20.0000	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	741319	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	61805	20.0000	16
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	104702	20.0000	19
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	57246	20.0000	17
68 Bromodichloromethane	83	4.272	4.272	(1.188)	91937	20.0000	18
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	107707	20.0000	17
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	60443	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	735298	50.0000	52
66 Toluene	91	5.162	5.162	(0.742)	301559	20.0000	17
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	107518	20.0000	18
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	47505	20.0000	18
71 Tetrachloroethene	166	5.583	5.583	(0.803)	83196	20.0000	16
73 2-Hexanone	43	6.674	6.674	(0.960)	48749	20.0000	21
74 Dibromochloromethane	129	6.015	6.015	(0.865)	84414	20.0000	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	63039	20.0000	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	673865	50.0000	
79 Chlorobenzene	112	6.973	6.973	(1.003)	222105	20.0000	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	115158	20.0000	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	289365	40.0000	35
84 o-Xylene	106	7.863	7.863	(1.131)	146709	20.0000	18
85 Styrene	104	7.942	7.942	(1.142)	251326	20.0000	18
86 Bromoform	173	7.917	7.917	(1.139)	65393	20.0000	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	395951	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	349544	50.0000	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	76733	20.0000	19
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	209434	20.0000	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	410673	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	216752	20.0000	19
111 1,2-Dichlorobenzene	146	11.155	11.155	(1.066)	202343	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	12.240	12.240	(1.169)	15368	20.0000	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	135152	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				118613	40.0000	33
M 121 Xylene (Total)	100				436074	60.0000	53

Data File: e06725.d

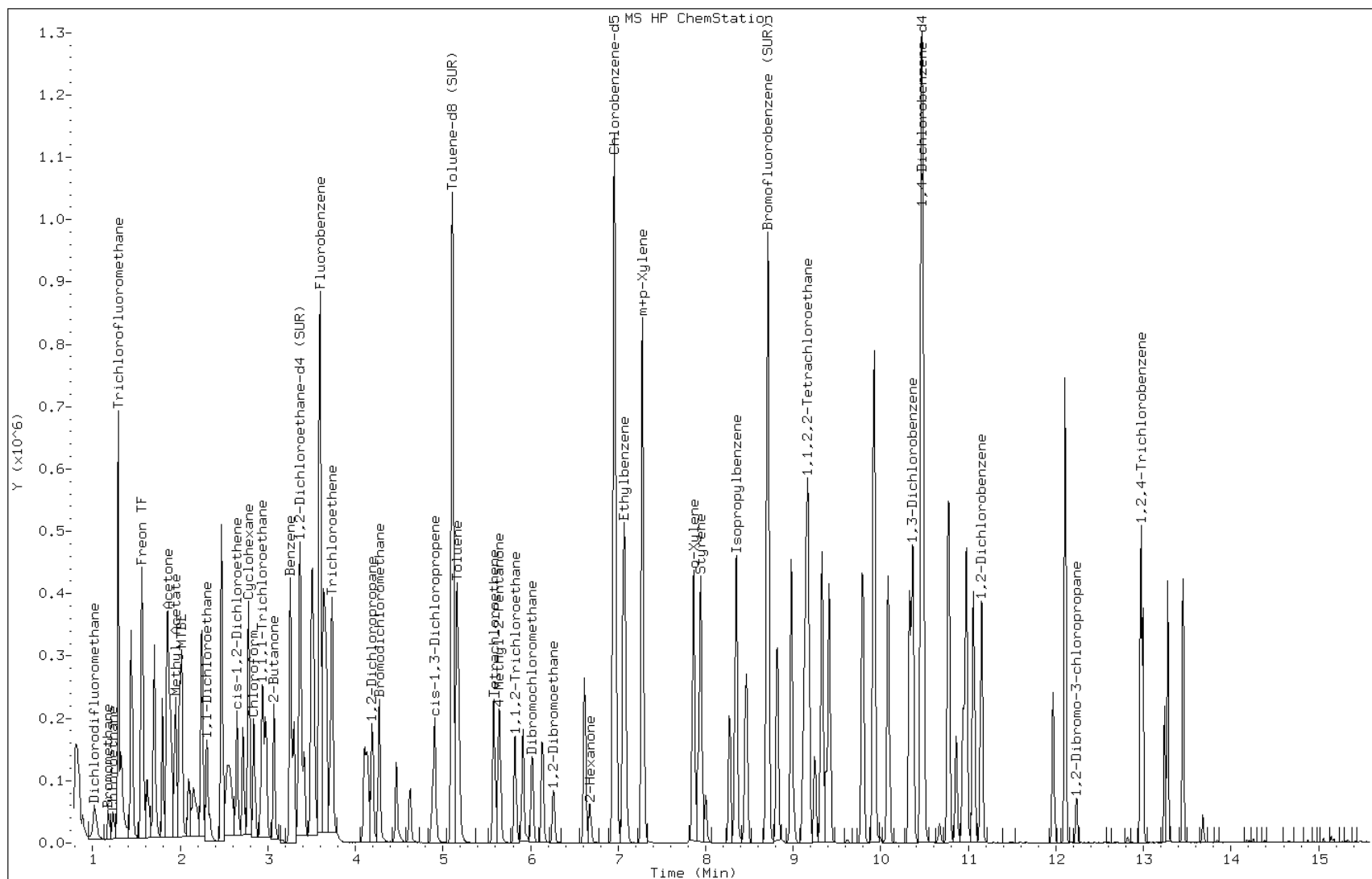
Date: 14-AUG-2012 04:43

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

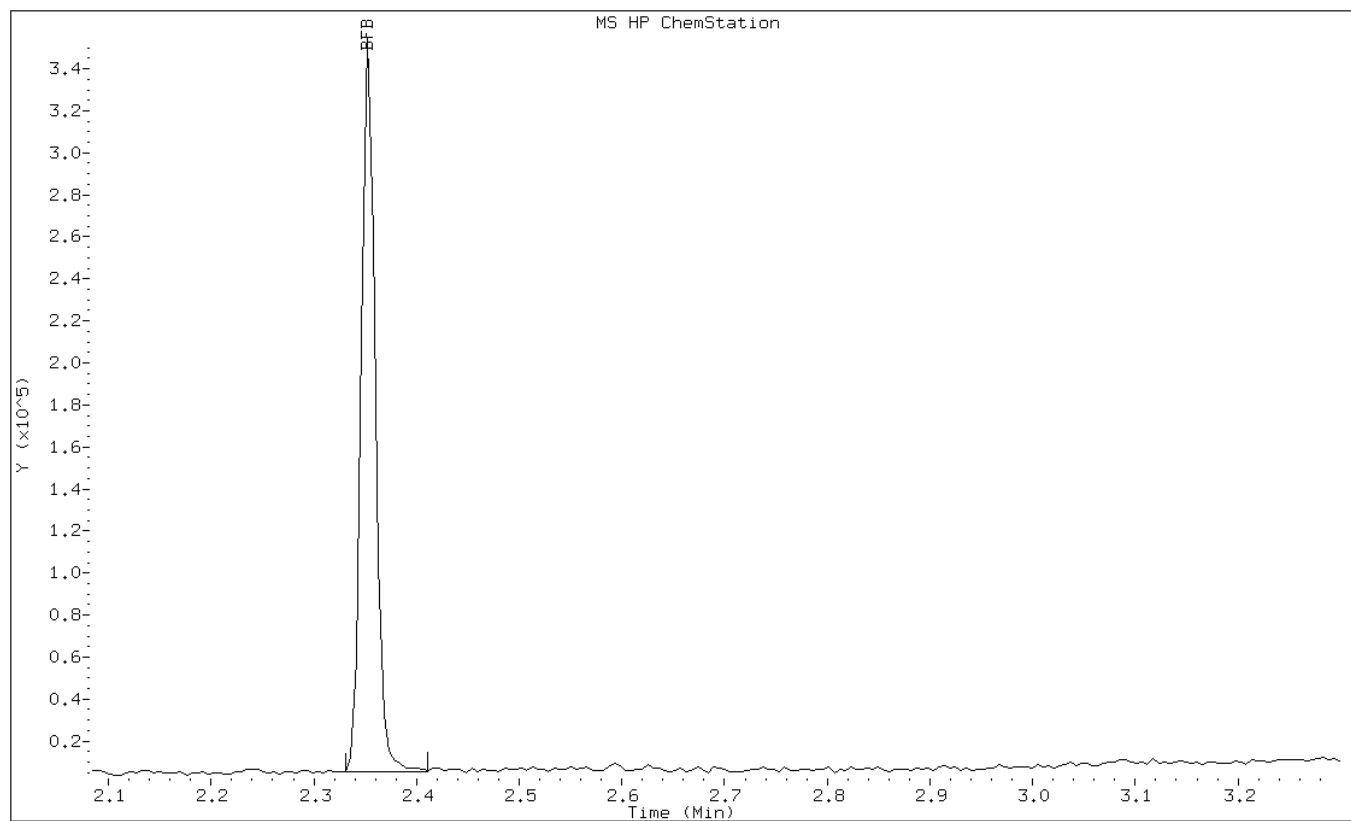
Date: 30-JUL-2012 03:47

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e05997.d

Date: 30-JUL-2012 03:47

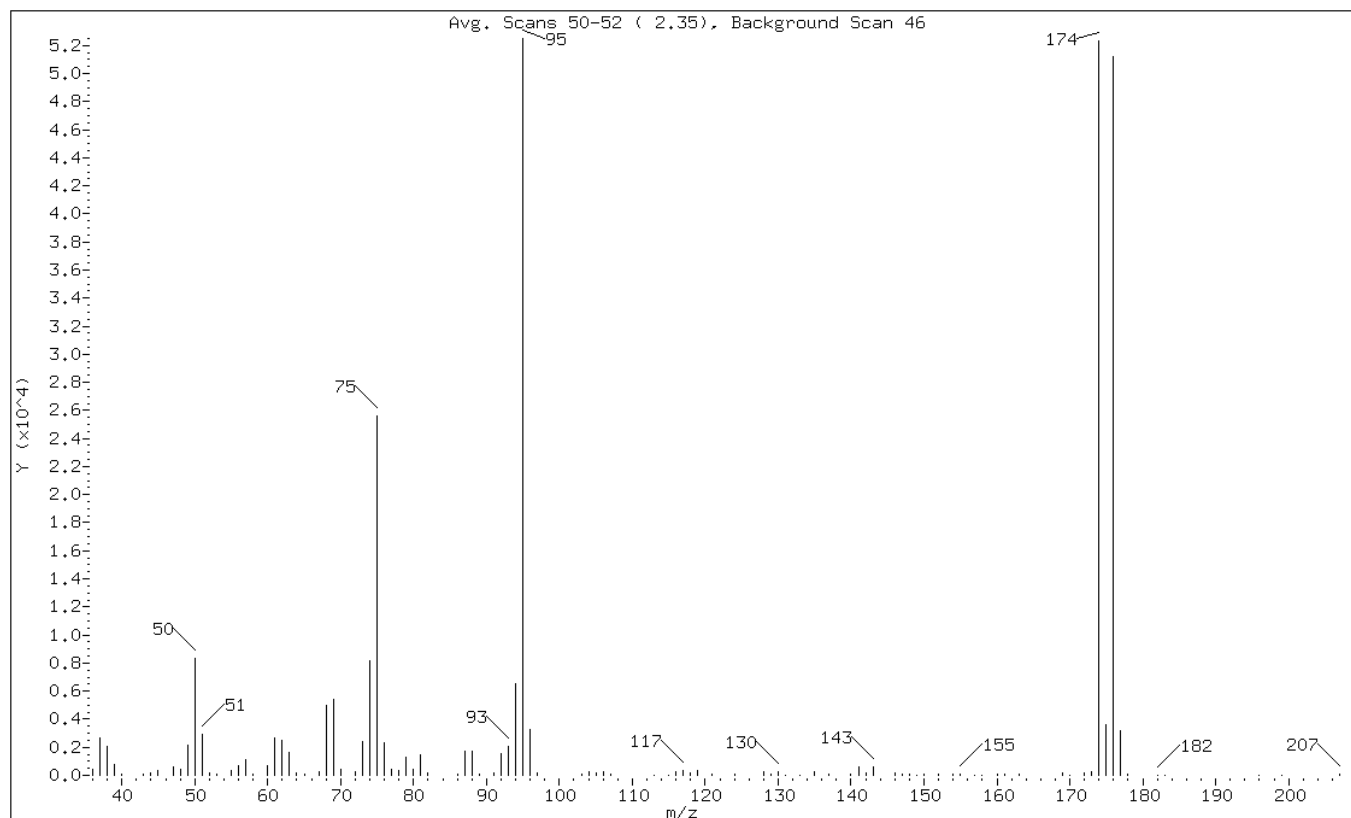
Client ID:

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/07-30-12/10aug12W.b/e06550.d
Report Date: 10-Aug-2012 07:57

TestAmerica

[illegible]

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
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

RT	EXP	RT	(REL	RT)	MASS	CONCENTRATIONS		TARGET	RANGE	RATIO
						ON-COL	FINAL			
==	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====	=====	=====
1	BFB							CAS #:	460-00-4	
2.352	2.600	(0.000)	95	35952				0.00-	100.00	100.00
2.352	2.600	(0.000)	50	6895				15.00-	40.00	19.18
2.352	2.600	(0.000)	75	18928				30.00-	60.00	52.65
2.352	2.600	(0.000)	96	2588				5.00-	9.00	7.20
2.352	2.600	(0.000)	173	173				0.00-	2.00	0.52
2.352	2.600	(0.000)	174	33504				50.00-	100.00	93.19
2.352	2.600	(0.000)	175	2702				5.00-	9.00	8.06
2.352	2.600	(0.000)	176	33680				95.00-	101.00	100.53
2.352	2.600	(0.000)	177	2096				5.00-	9.00	6.22

Data File: e06550.d

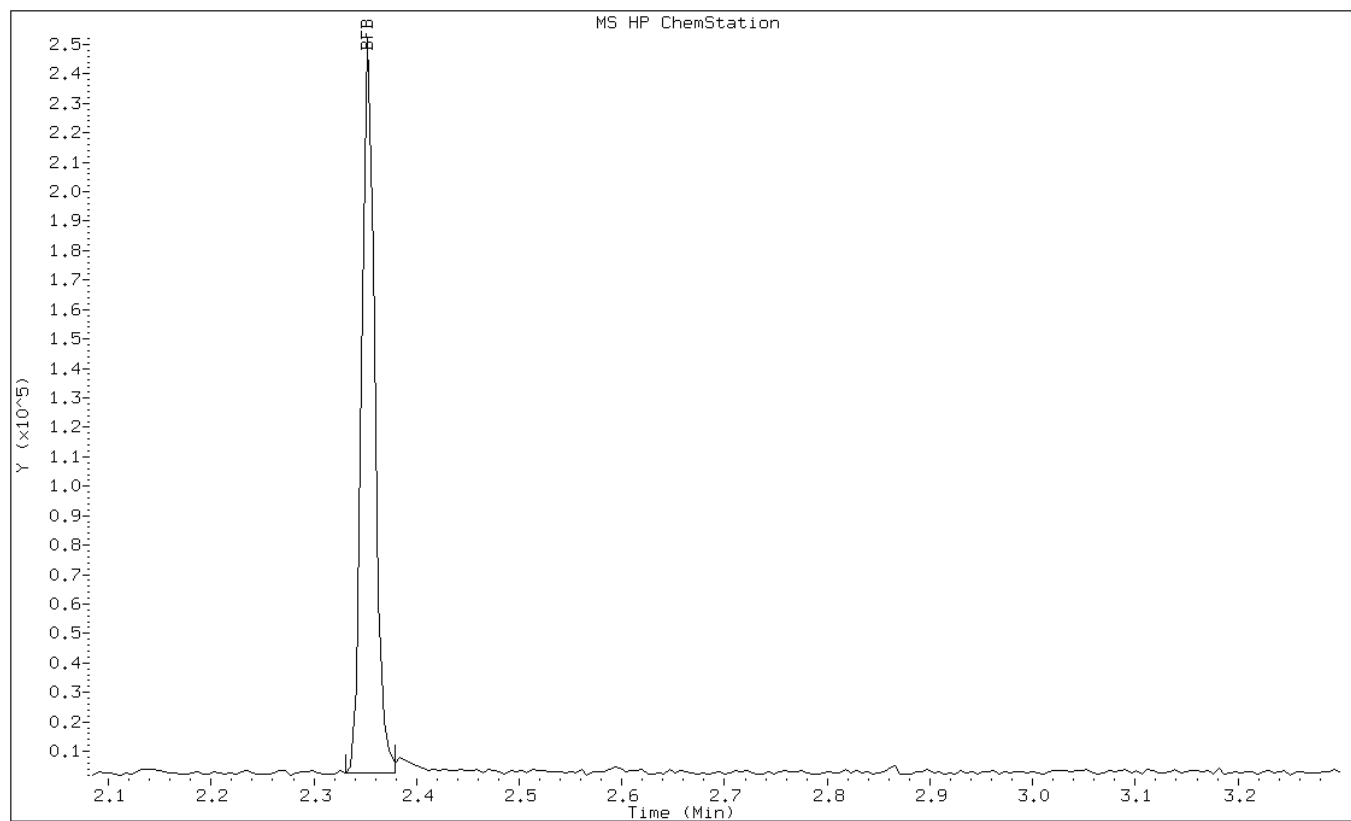
Date: 10-AUG-2012 07:53

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06550.d

Date: 10-AUG-2012 07:53

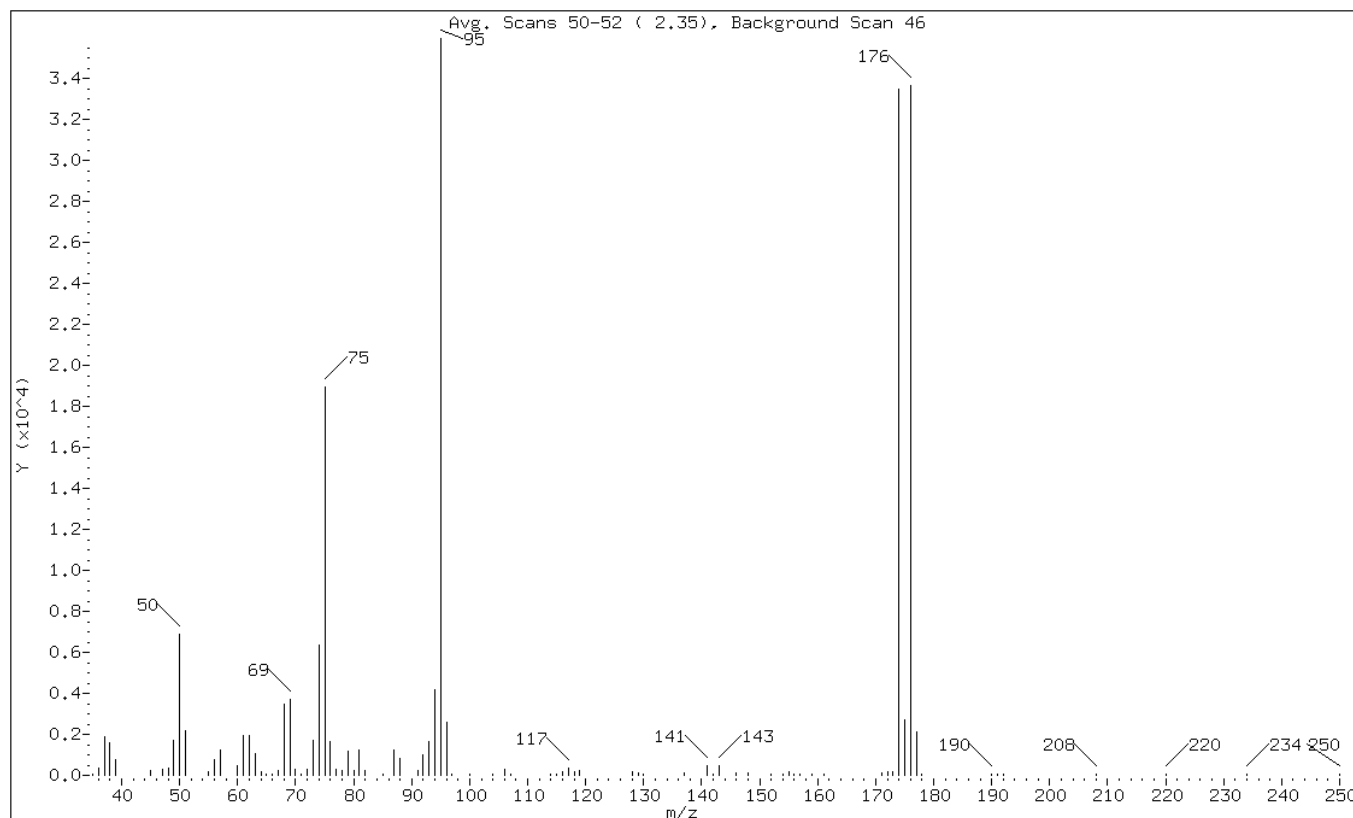
Client ID:

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	19.18
75	30.00 - 60.00% of mass 95	52.65
96	5.00 - 9.00% of mass 95	7.20
173	Less than 2.00% of mass 174	0.48 (0.52)
174	50.00 - 100.00% of mass 95	93.19
175	5.00 - 9.00% of mass 174	7.52 (8.06)
176	95.00 - 101.00% of mass 174	93.68 (100.53)
177	5.00 - 9.00% of mass 176	5.83 (6.22)

Data File: e06550.d

Date: 10-AUG-2012 07:53

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06550.d
Spectrum: Avg. Scans 50-52 (2.35), Background Scan 46
Location of Maximum: 95.00
Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	39	69.00	3712	97.00	64	156.00	39
36.00	355	70.00	309	100.00	51	157.00	72
37.00	1880	71.00	72	104.00	74	159.00	34
38.00	1581	72.00	280	106.00	280	161.00	36
39.00	791	73.00	1718	107.00	33	171.00	90
45.00	212	74.00	6328	114.00	34	172.00	176
47.00	292	75.00	18928	115.00	42	173.00	173
48.00	376	76.00	1626	116.00	197	174.00	33504
49.00	1679	77.00	315	117.00	335	175.00	2702
50.00	6895	78.00	225	118.00	183	176.00	33680
51.00	2187	79.00	1155	119.00	240	177.00	2096
55.00	198	80.00	260	128.00	148	178.00	47
56.00	777	81.00	1257	129.00	113	190.00	37
57.00	1207	82.00	251	130.00	37	191.00	35
60.00	477	85.00	72	137.00	96	192.00	35
61.00	1921	87.00	1214	141.00	451	208.00	86
62.00	1962	88.00	809	142.00	36	220.00	34
63.00	1086	91.00	251	143.00	492	234.00	39
64.00	160	92.00	993	146.00	112	250.00	38
65.00	34	93.00	1621	148.00	122		
66.00	59	94.00	4160	152.00	52		
67.00	220	95.00	35952	154.00	42		
68.00	3492	96.00	2588	155.00	163		

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06578.d
 Report Date: 10-Aug-2012 20:17

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06578.d
 Lab Smp Id: BFB
 Inj Date : 10-AUG-2012 20:08
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.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	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.331	2.600 (0.000)	95	38128			0.00- 100.00	100.00
2.331	2.600 (0.000)	50	7540			15.00- 40.00	19.78
2.331	2.600 (0.000)	75	20712			30.00- 60.00	54.32
2.331	2.600 (0.000)	96	2695			5.00- 9.00	7.07
2.331	2.600 (0.000)	173	668			0.00- 2.00	1.99
2.331	2.600 (0.000)	174	33608			50.00- 100.00	88.15
2.331	2.600 (0.000)	175	3012			5.00- 9.00	8.96
2.331	2.600 (0.000)	176	32944			95.00- 101.00	98.02
2.331	2.600 (0.000)	177	2318			5.00- 9.00	7.04

Data File: e06578.d

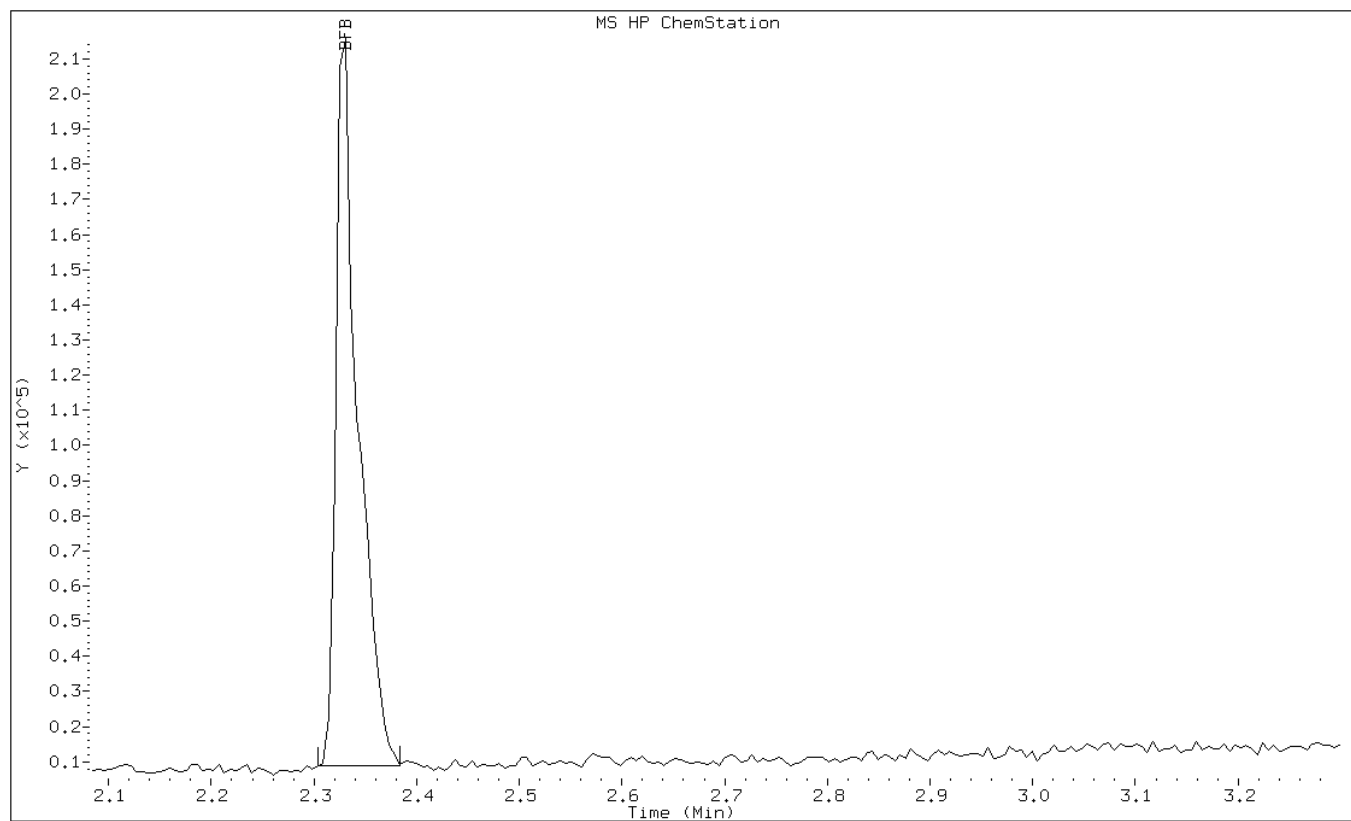
Date: 10-AUG-2012 20:08

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06578.d

Date: 10-AUG-2012 20:08

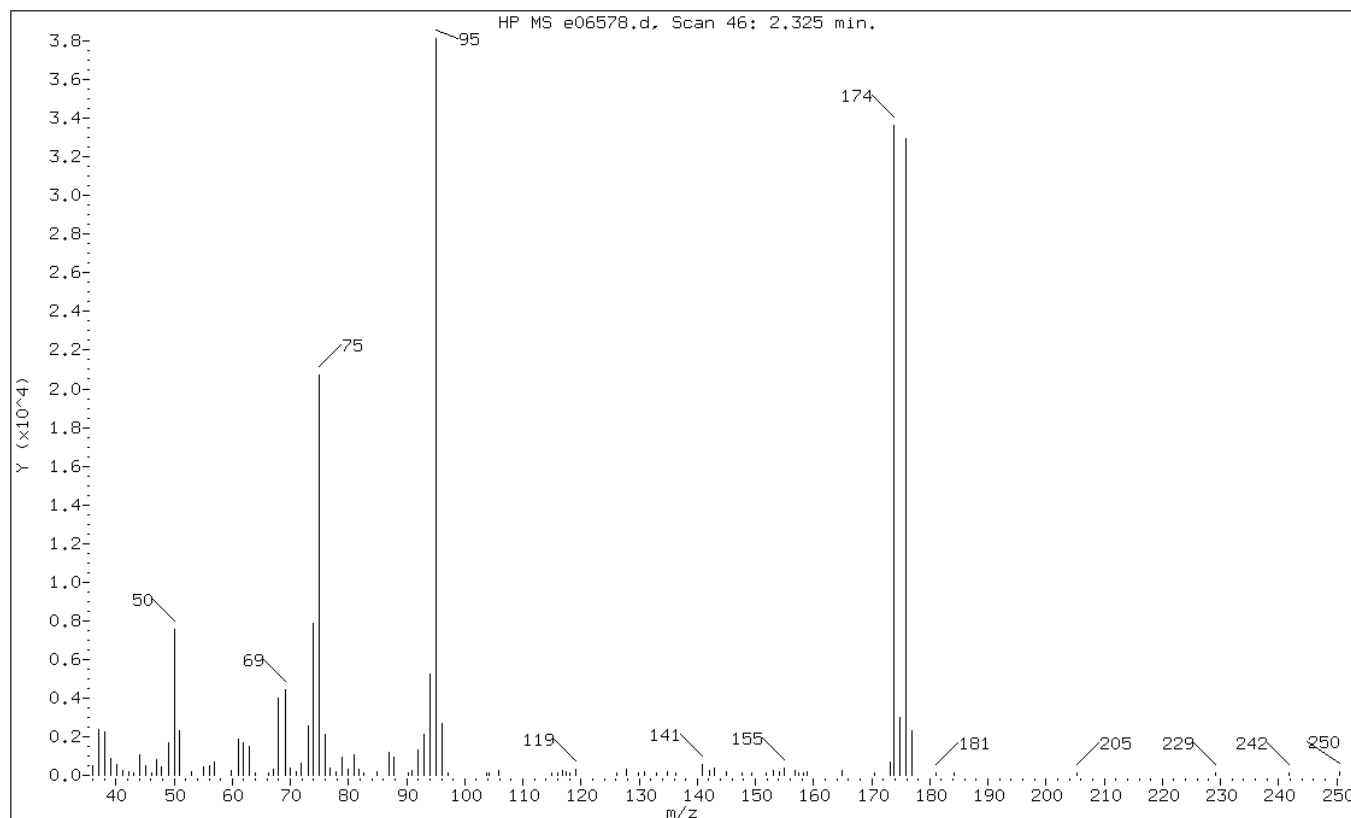
Client ID:

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	19.78
75	30.00 - 60.00% of mass 95	54.32
96	5.00 - 9.00% of mass 95	7.07
173	Less than 2.00% of mass 174	1.75 (1.99)
174	50.00 - 100.00% of mass 95	88.15
175	5.00 - 9.00% of mass 174	7.90 (8.96)
176	95.00 - 101.00% of mass 174	86.40 (98.02)
177	5.00 - 9.00% of mass 176	6.08 (7.04)

Data File: e06578.d

Date: 10-AUG-2012 20:08

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06578.d
Spectrum: HP MS e06578.d, Scan 46: 2.325 min.
Location of Maximum: 95.00
Number of points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	529	66.20	131	94.00	5266	149.30	112
37.10	2348	67.00	296	95.00	38128	151.90	102
38.00	2220	68.00	3988	96.00	2695	153.00	260
39.10	895	69.10	4400	97.20	146	154.10	172
40.10	581	70.00	383	103.70	152	154.90	403
41.10	233	71.00	202	104.10	141	156.80	238
42.20	195	71.90	619	105.90	279	157.40	140
43.10	144	73.10	2541	114.90	105	158.30	104
44.00	1092	74.00	7850	115.90	155	158.90	195
45.10	504	75.00	20712	116.90	223	164.90	235
46.20	149	76.00	2152	117.50	161	170.60	124
46.90	782	76.90	352	118.10	128	173.10	668
47.80	432	77.80	203	119.10	306	173.90	33608
49.00	1714	79.00	943	126.10	116	174.90	3012
50.00	7540	79.90	331	127.90	323	175.90	32944
51.00	2320	81.00	1047	129.90	146	176.90	2318
52.90	181	81.90	293	131.00	184	181.10	139
55.00	410	82.70	123	132.90	115	184.20	117
56.10	523	84.90	177	134.80	186	205.30	122
57.00	710	86.90	1171	136.30	119	229.10	101
59.80	273	87.90	962	140.90	552	241.70	107
61.00	1849	90.30	139	142.20	258	250.50	206
62.00	1662	91.00	256	142.90	350		
63.00	1486	91.90	1305	145.10	160		
63.90	143	93.00	2116	147.80	131		

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

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06668.d
 Lab Smp Id: BFB
 Inj Date : 13-AUG-2012 03:54
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2
 Inst ID: VOAMS5.i
 Quant Type: ISTD
 Cal File:
 QC Sample: BFB
 Compound Sublist: all.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
2.352	2.600 (0.000)	95	59184			0.00- 100.00	100.00
2.352	2.600 (0.000)	50	11183			15.00- 40.00	18.90
2.352	2.600 (0.000)	75	30976			30.00- 60.00	52.34
2.352	2.600 (0.000)	96	3712			5.00- 9.00	6.27
2.352	2.600 (0.000)	173	323			0.00- 2.00	0.55
2.352	2.600 (0.000)	174	58304			50.00- 100.00	98.51
2.352	2.600 (0.000)	175	4588			5.00- 9.00	7.87
2.352	2.600 (0.000)	176	55392			95.00- 101.00	95.01
2.352	2.600 (0.000)	177	3802			5.00- 9.00	6.86

Data File: e06668.d

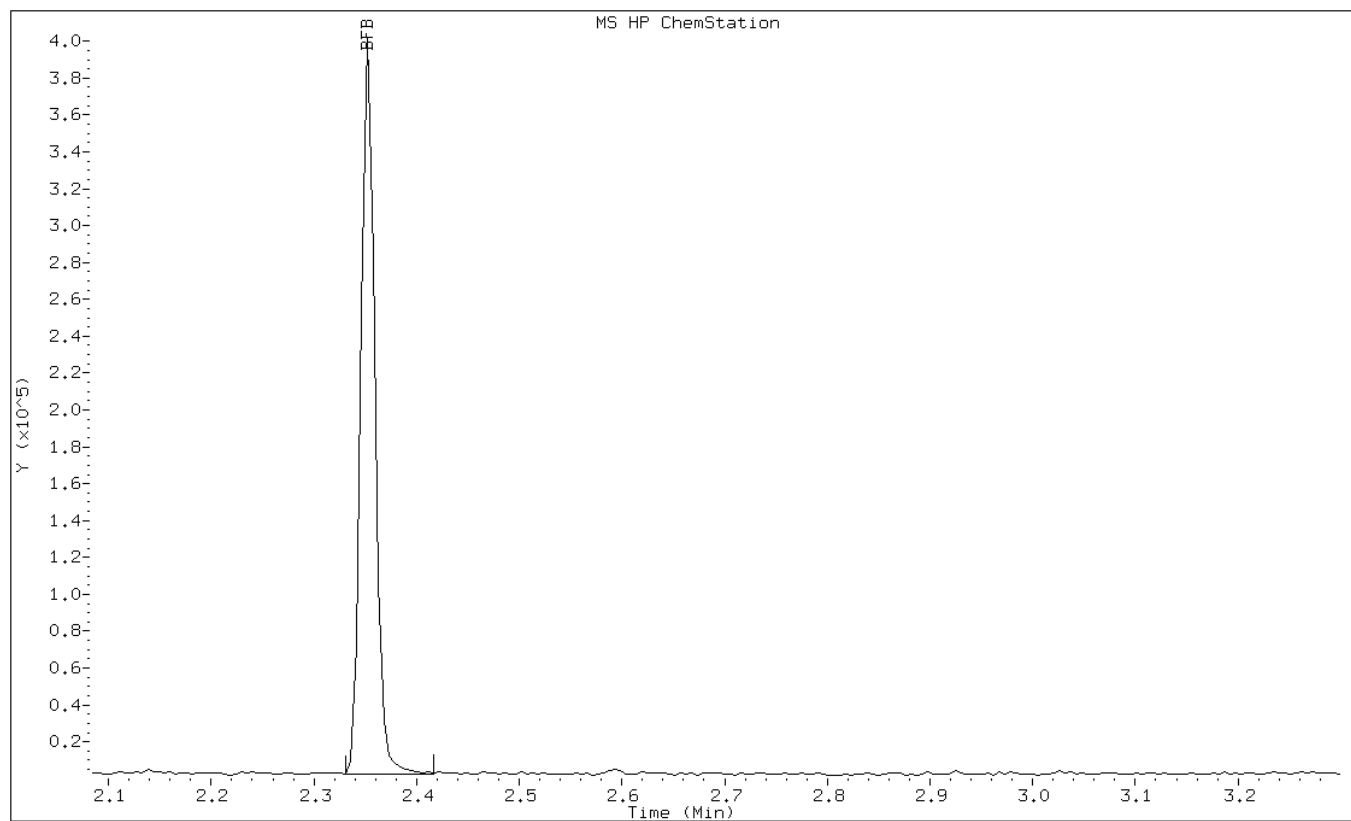
Date: 13-AUG-2012 03:54

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06668.d

Date: 13-AUG-2012 03:54

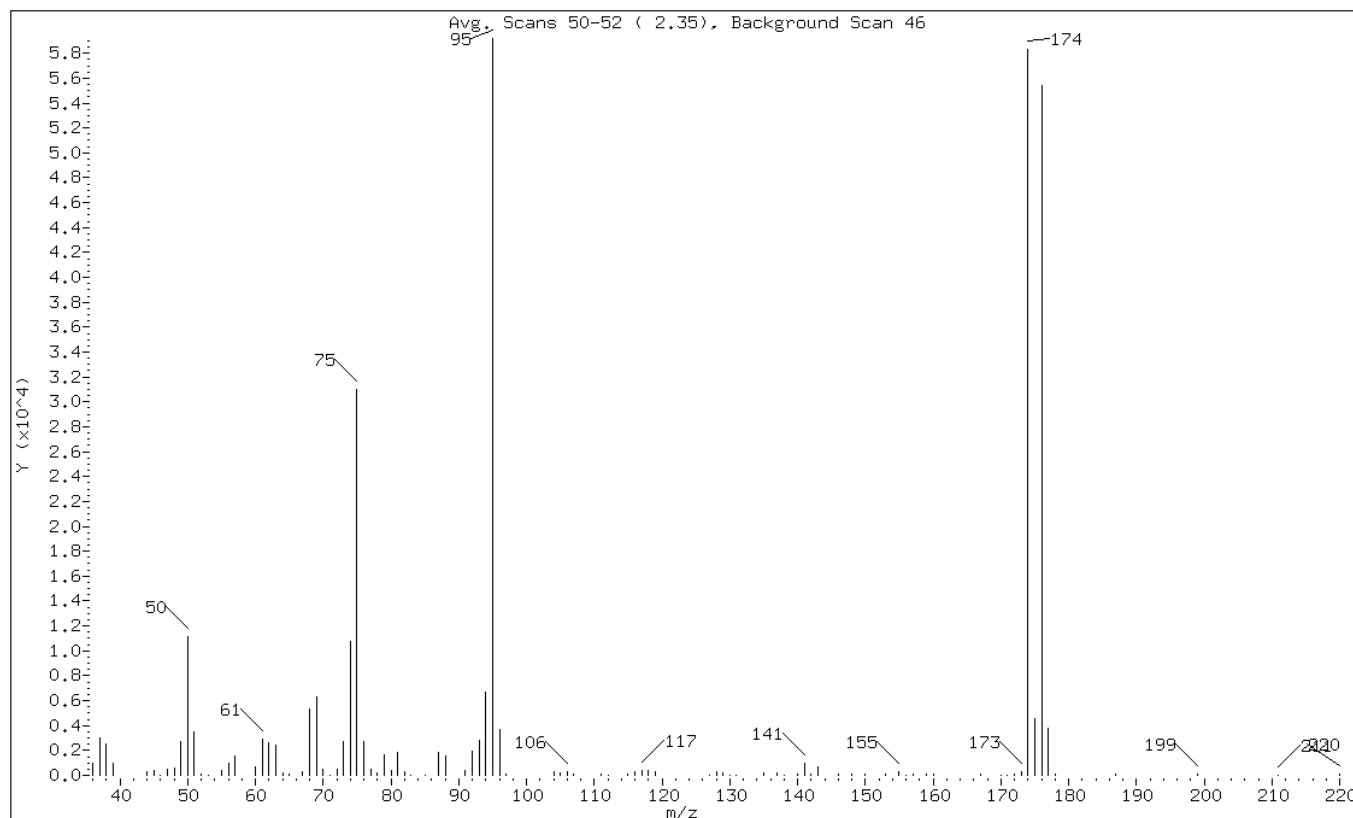
Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.90
75	30.00 - 60.00% of mass 95	52.34
96	5.00 - 9.00% of mass 95	6.27
173	Less than 2.00% of mass 174	0.55 (0.55)
174	50.00 - 100.00% of mass 95	98.51
175	5.00 - 9.00% of mass 174	7.75 (7.87)
176	95.00 - 101.00% of mass 174	93.59 (95.01)
177	5.00 - 9.00% of mass 176	6.42 (6.86)

Data File: e06668.d

Date: 13-AUG-2012 03:54

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

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

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06700.d
 Report Date: 14-Aug-2012 00:21

TestAmerica

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06700.d
 Lab Smp Id: BFB
 Inj Date : 13-AUG-2012 18:23
 Operator : VOAMS 1
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/BFBDEL.m
 Meth Date : 27-Feb-2012 15:08 sylvanus
 Cal Date :
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd2

Inst ID: VOAMS5.i

Quant Type: ISTD

Cal File:

QC Sample: BFB

Compound Sublist: all.sub

Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT	(REL RT)	MASS	RESPONSE	ON-COL		RATIO
					(ug/L)	FINAL (ug/L)	
==	=====	=====	=====	=====	=====	=====	=====
1	BFB				CAS #: 460-00-4		
2.331	2.600	(0.000)	95	68592		0.00- 100.00	100.00
2.331	2.600	(0.000)	50	13440		15.00- 40.00	19.59
2.331	2.600	(0.000)	75	33824		30.00- 60.00	49.31
2.331	2.600	(0.000)	96	5159		5.00- 9.00	7.52
2.331	2.600	(0.000)	173	862		0.00- 2.00	1.55
2.331	2.600	(0.000)	174	55608		50.00- 100.00	81.07
2.331	2.600	(0.000)	175	4866		5.00- 9.00	8.75
2.331	2.600	(0.000)	176	55920		95.00- 101.00	100.56
2.331	2.600	(0.000)	177	4301		5.00- 9.00	7.69

Data File: e06700.d

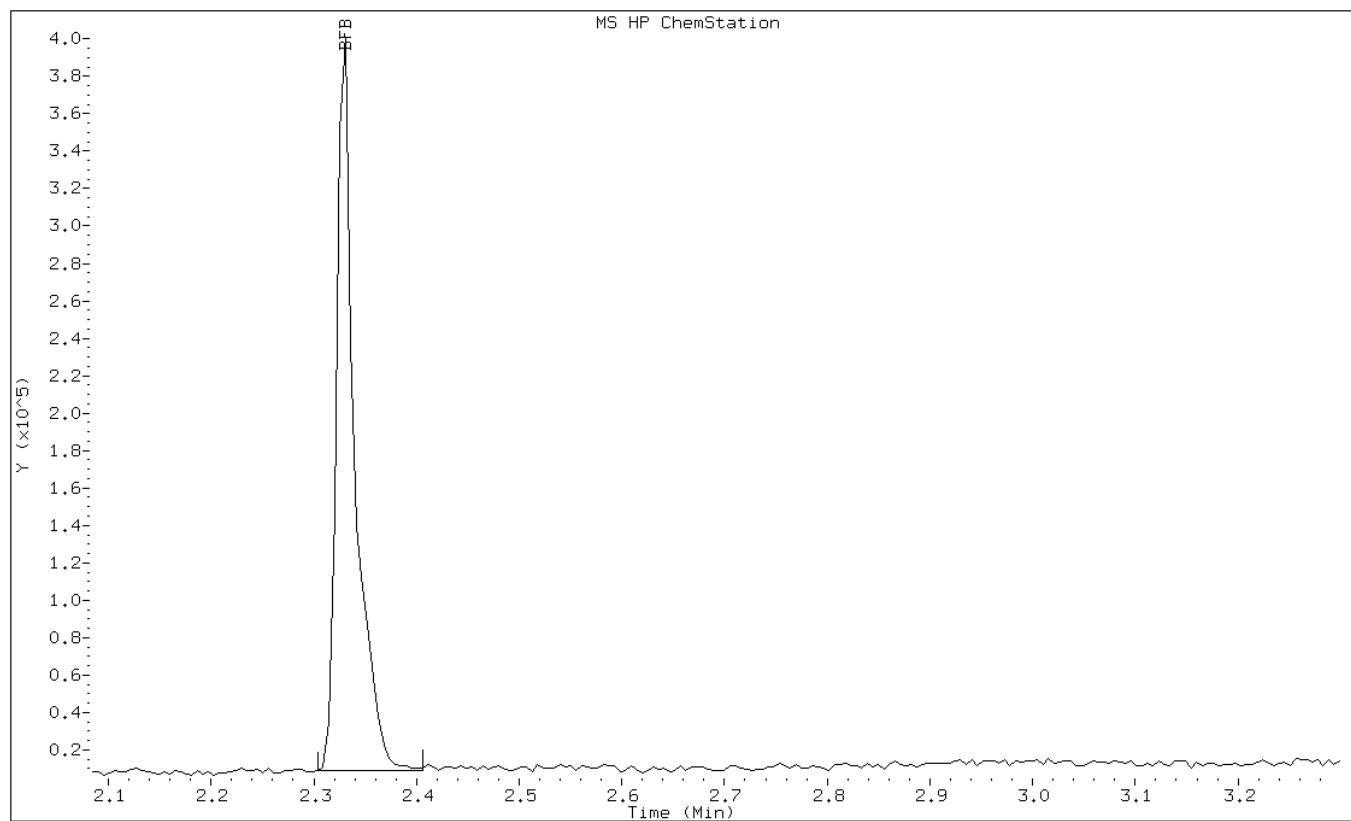
Date: 13-AUG-2012 18:23

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1



Data File: e06700.d

Date: 13-AUG-2012 18:23

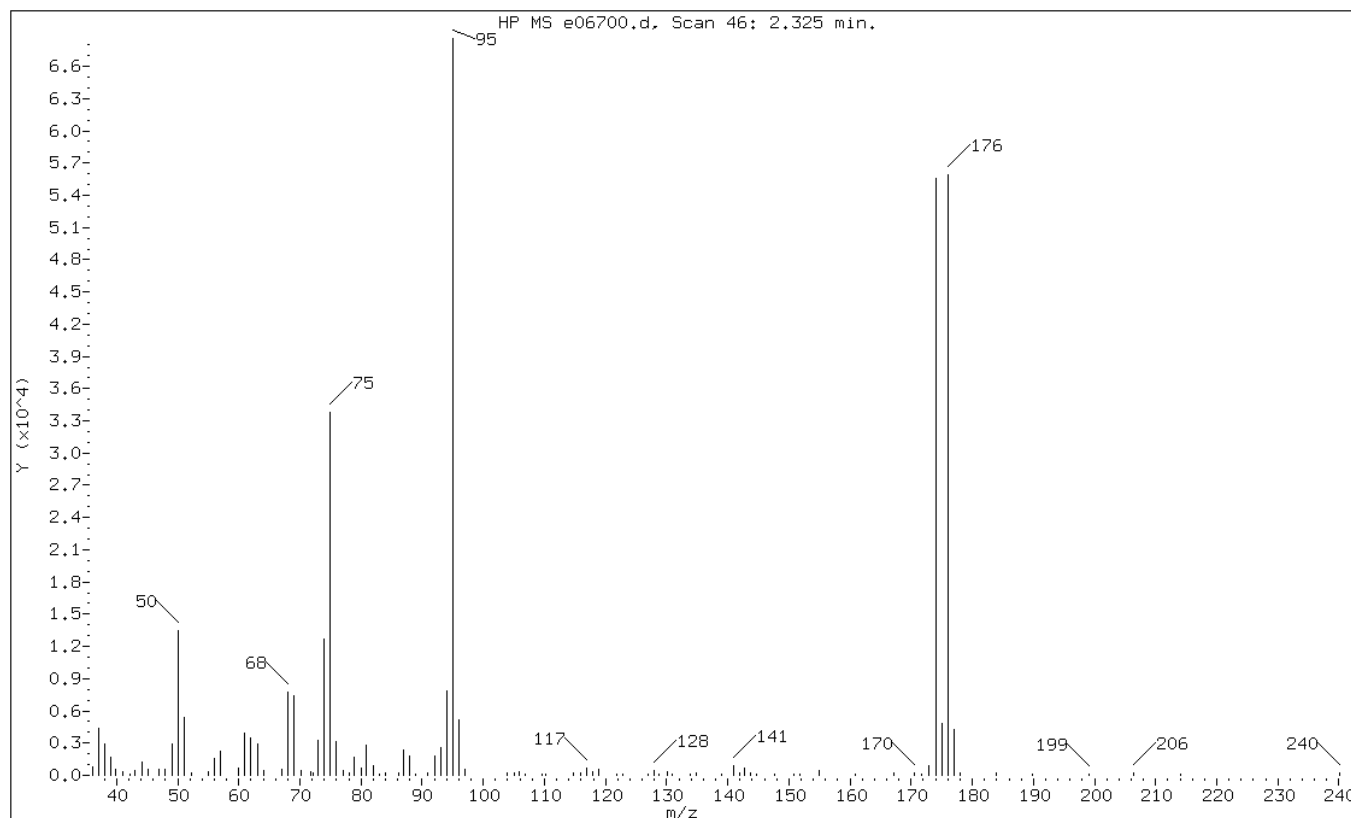
Client ID:

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	19.59
75	30.00 - 60.00% of mass 95	49.31
96	5.00 - 9.00% of mass 95	7.52
173	Less than 2.00% of mass 174	1.26 (1.55)
174	50.00 - 100.00% of mass 95	81.07
175	5.00 - 9.00% of mass 174	7.09 (8.75)
176	95.00 - 101.00% of mass 174	81.53 (100.56)
177	5.00 - 9.00% of mass 176	6.27 (7.69)

Data File: e06700.d

Date: 13-AUG-2012 18:23

Client ID:

Instrument: VOAMS5.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06700.d
Spectrum: HP MS e06700.d, Scan 46: 2.325 min.
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	754	68.00	7764	95.00	68592	141.90	198
37.00	4420	69.00	7406	96.00	5159	142.80	718
38.10	2891	70.10	448	97.00	528	143.80	197
39.00	1737	71.70	295	103.90	192	144.70	122
39.90	576	72.20	273	105.00	232	147.70	115
41.10	327	73.00	3263	105.80	309	150.90	102
42.20	106	74.00	12631	106.90	114	151.80	124
43.00	461	75.00	33824	109.70	100	154.90	452
44.10	1235	76.00	3165	110.20	107	160.90	148
45.10	606	77.00	493	114.80	184	167.20	211
46.90	616	78.10	273	116.00	260	170.60	216
48.00	509	78.90	1678	116.90	705	171.80	163
49.10	2948	80.00	651	117.90	383	172.80	862
50.00	13440	80.90	2795	118.90	580	174.00	55608
51.00	5441	82.00	930	121.90	165	175.10	4866
52.20	230	83.10	149	122.80	118	176.00	55920
55.00	369	84.00	205	126.90	123	177.00	4301
56.10	1611	86.10	221	128.00	429	178.00	236
57.00	2287	86.90	2380	128.80	137	183.90	194
60.00	631	88.00	1758	130.10	303	189.90	103
61.00	3973	89.00	108	131.00	137	199.20	129
62.00	3514	90.90	274	133.90	106	206.30	219
63.10	2936	92.00	1793	134.90	191	214.10	160
64.00	398	93.00	2633	139.00	125	240.10	180
67.00	508	94.00	7829	140.90	862		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-123484/4

Matrix: Water Lab File ID: e06555.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 10:07

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 123484 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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123484/4
 Matrix: Water Lab File ID: e06555.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 10:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123484 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)	107		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123484/4
Matrix: Water Lab File ID: e06555.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 10:07
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123484 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/07-30-12/10aug12W.b/e06555.d
 Report Date: 10-Aug-2012 13:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06555.d
 Lab Smp Id: MB
 Inj Date : 10-AUG-2012 10:07
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 09:14 audberto Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 5 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	3.357	3.363	(0.934)	225559	53.4973	53	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	740726	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	714581	46.8293	47	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	653815	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	340280	48.5865	48	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	399902	50.0000		

Data File: e06555.d

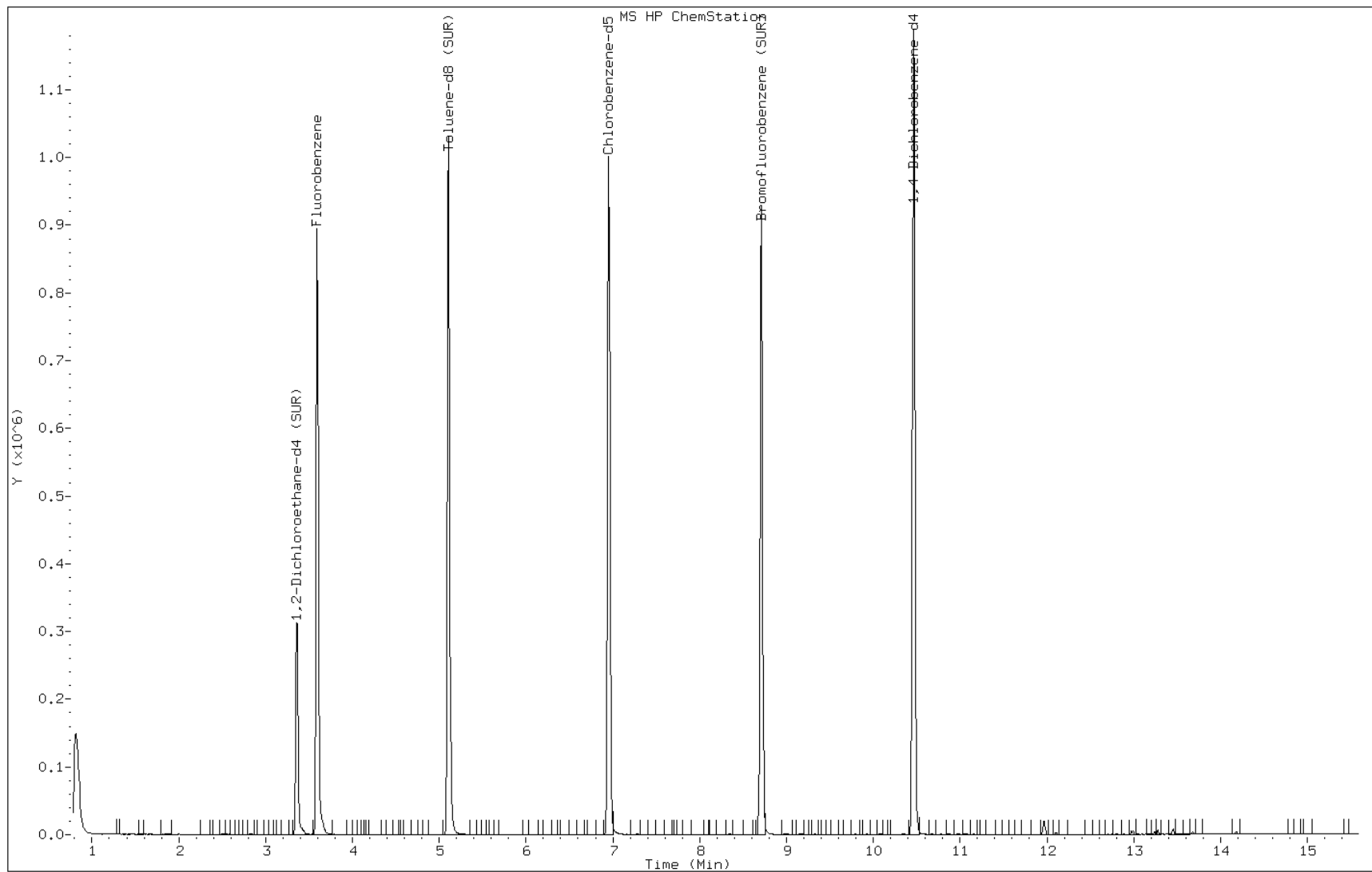
Date: 10-AUG-2012 10:07

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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123597/5
 Matrix: Water Lab File ID: e06585.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 23:22
 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.: 123597 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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123597/5
 Matrix: Water Lab File ID: e06585.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 23:22
 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.: 123597 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)	102		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123597/5
Matrix: Water Lab File ID: e06585.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 23:22
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.: 123597 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/07-30-12/10aug12WA.b/e06585.d
 Report Date: 11-Aug-2012 04:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06585.d
 Lab Smp Id: MB
 Inj Date : 10-AUG-2012 23:22
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.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	3.363	3.357	(0.936)	246934	50.7754		51
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	836527	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	791022	48.0804		48
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	719573	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	373864	48.2894		48
* 108 1,4-Dichlorobenzene-d4	152	10.465	10.466	(1.000)	452677	50.0000		

Data File: e06585.d

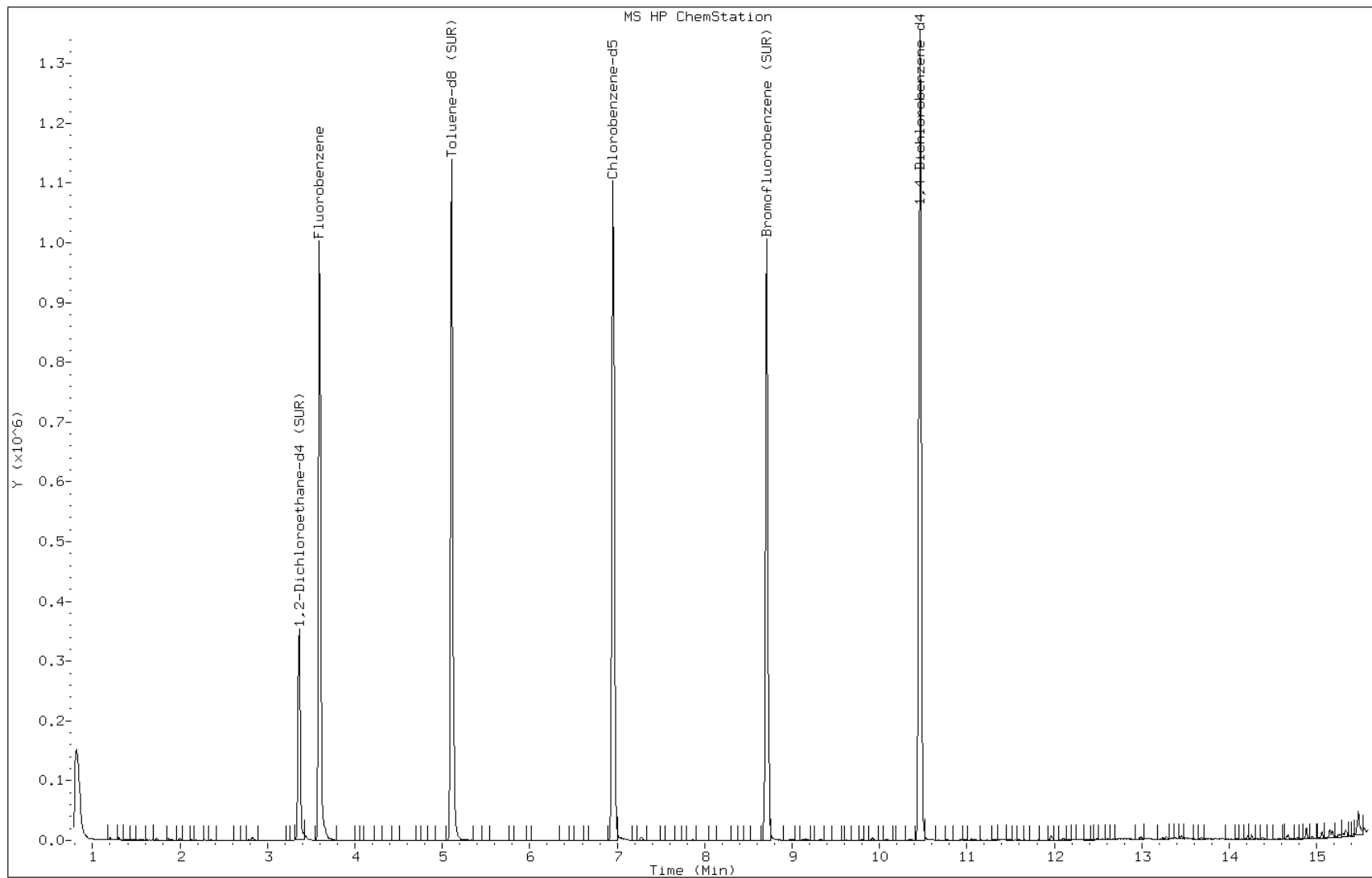
Date: 10-AUG-2012 23:22

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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123702/4
 Matrix: Water Lab File ID: e06674.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123702/4
 Matrix: Water Lab File ID: e06674.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

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

Lab Name: TestAmerica Edison Job No.: 460-43314-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123702/4
Matrix: Water Lab File ID: e06674.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 06:41
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123702 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06674.d
 Report Date: 13-Aug-2012 08:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06674.d
 Lab Smp Id: MB
 Inj Date : 13-AUG-2012 06:41
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 6 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	217018	52.0456	52	
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	696291	50.0000		
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	678703	49.3809	49	
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	605860	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	324784	49.8915	50	
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	378247	50.0000		

Data File: e06674.d

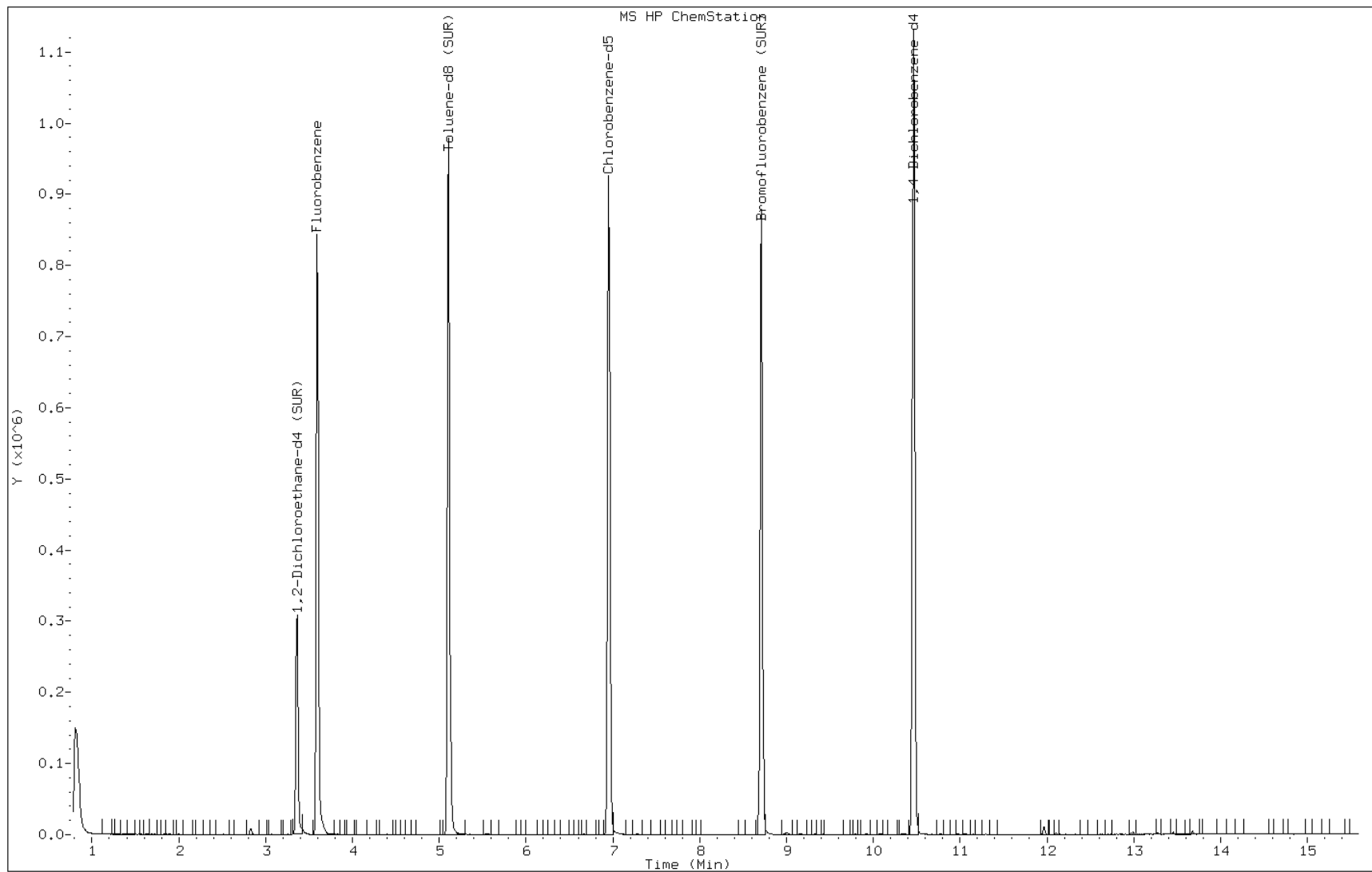
Date: 13-AUG-2012 06:41

Client ID:

Instrument: VOAMS5.i

Sample Info: MB

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-123852/5

Matrix: Water Lab File ID: e06707.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 21:38

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 123852 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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-123852/5
 Matrix: Water Lab File ID: e06707.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 21:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123852 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	100		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.: 460-43314-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-123852/5
Matrix: Water Lab File ID: e06707.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 21:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 123852 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/07-30-12/13aug12WA.b/e06707.d
 Report Date: 14-Aug-2012 03:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06707.d
 Lab Smp Id: MB
 Inj Date : 13-AUG-2012 21:38
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 00:22 martinez Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 7 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50

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)
=====	=====	==	=====	=====	=====	=====	=====
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	212989	51.4286	51
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	714208	50.0000	
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	671387	48.7250	49
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	627674	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	326635	49.8294	50
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	398472	50.0000	

Data File: e06707.d

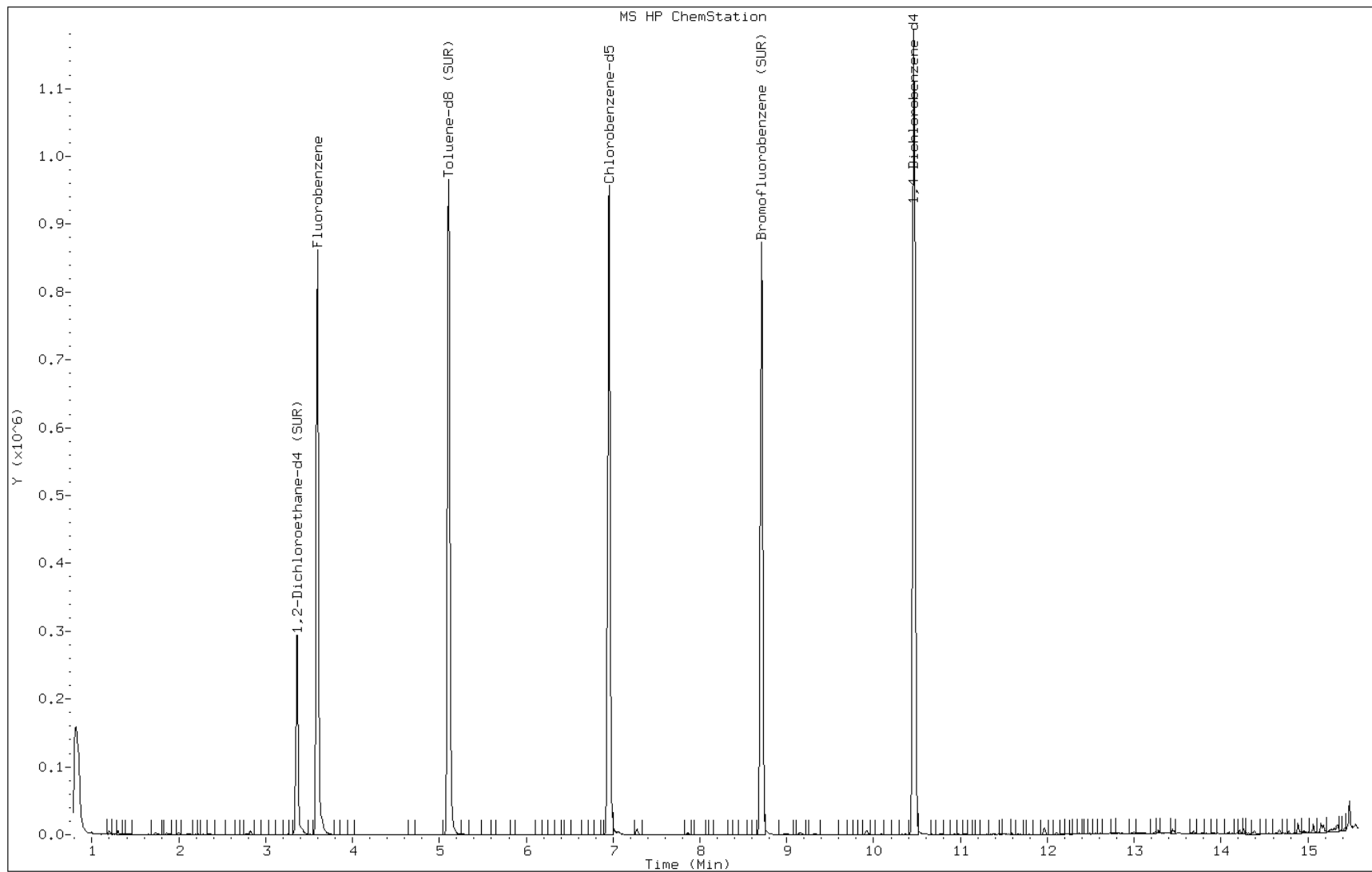
Date: 13-AUG-2012 21:38

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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123484/3
 Matrix: Water Lab File ID: e06552.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 08:57
 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.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.8		1.0	0.060
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.22
74-87-3	Chloromethane	19.5		1.0	0.10
75-01-4	Vinyl chloride	19.4		1.0	0.14
74-83-9	Bromomethane	20.1		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.0	0.40
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.21
75-69-4	Trichlorofluoromethane	20.1		1.0	0.15
75-35-4	1,1-Dichloroethene	19.3		1.0	0.090
78-87-5	1,2-Dichloropropane	19.4		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.080
67-64-1	Acetone	24.2		5.0	2.7
75-15-0	Carbon disulfide	20.3		1.0	0.13
79-20-9	Methyl acetate	20.7		2.0	0.34
75-09-2	Methylene Chloride	19.6		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.5		1.0	0.13
124-48-1	Chlorodibromomethane	19.0		1.0	0.20
1634-04-4	Methyl tert-butyl ether	21.2		1.0	0.14
75-00-3	Chloroethane	22.3		1.0	0.17
75-34-3	1,1-Dichloroethane	18.5		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.7		1.0	0.18
78-93-3	2-Butanone (MEK)	19.8		5.0	2.3
67-66-3	Chloroform	18.4		1.0	0.080
100-41-4	Ethylbenzene	19.3		1.0	0.10
110-82-7	Cyclohexane	20.3		1.0	0.16
56-23-5	Carbon tetrachloride	19.4		1.0	0.060
71-43-2	Benzene	18.8		1.0	0.080
107-06-2	1,2-Dichloroethane	18.0		1.0	0.19
79-01-6	Trichloroethene	19.0		1.0	0.090
108-87-2	Methylcyclohexane	21.9		1.0	0.14
75-27-4	Dichlorobromomethane	19.0		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	21.0		5.0	0.99
108-88-3	Toluene	19.0		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123484/3
 Matrix: Water Lab File ID: e06552.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 08:57
 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.: 123484 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	19.3		1.0	0.10
591-78-6	2-Hexanone	20.4		5.0	0.50
106-93-4	1,2-Dibromoethane	18.5		1.0	0.28
108-90-7	Chlorobenzene	18.9		1.0	0.11
1330-20-7	Xylenes, Total	57.1		3.0	0.36
100-42-5	Styrene	19.0		1.0	0.12
75-25-2	Bromoform	19.4		1.0	0.19
98-82-8	Isopropylbenzene	19.3		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.4		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	101		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06552.d
 Report Date: 10-Aug-2012 09:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06552.d
 Lab Smp Id: LCS
 Inj Date : 10-AUG-2012 08:57
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 09:14 audberto Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.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	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	62664	18.9291	19	
3 Chloromethane	50	1.010	1.010	(0.281)	72283	19.4755	19	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	67103	19.3606	19	
6 Bromomethane	94	1.175	1.175	(0.327)	50929	20.0672	20	
5 Chloroethane	64	1.230	1.236	(0.342)	43024	22.2580	22	
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	125710	20.0599	20	
14 Freon TF	101	1.571	1.571	(0.437)	65046	21.1128	21	
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	48446	19.3008	19	
16 Acetone	58	1.888	1.894	(0.525)	7831	24.2397	24	
18 Carbon Disulfide	76	1.565	1.565	(0.435)	148377	20.2503	20	
27 Methyl Acetate	74	1.961	1.961	(0.546)	11631	20.7343	21	
22 Methylene Chloride	49	1.858	1.858	(0.517)	83397	19.5985	20	
28 MTBE	73	2.016	2.016	(0.561)	217809	21.2492	21	
25 trans-1,2-Dichloroethene	96	1.943	1.949	(0.540)	60048	18.4677	18	
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	124829	18.4514	18	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	72991	18.6622	19	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06552.d
 Report Date: 10-Aug-2012 09:14

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)	11180	19.7808	20
42 Chloroform	83	2.839	2.845	(0.790)	126470	18.3649	18
44 Cyclohexane	56	2.784	2.784	(0.774)	90741	20.2519	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	118157	18.7975	19
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	100786	19.3965	19
48 Benzene	78	3.260	3.260	(0.469)	257885	18.7689	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	230489	51.5667	52
49 1,2-Dichloroethane	62	3.412	3.418	(0.949)	98789	18.0075	18
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	785257	50.0000	
54 Trichloroethene	95	3.735	3.741	(1.039)	67678	19.0248	19
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	99607	21.9421	22
57 1,2-Dichloropropane	63	4.193	4.192	(1.166)	62254	19.3520	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	96660	19.0318	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	116508	18.6030	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	54540	21.0497	21
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	794476	48.9155	49
66 Toluene	91	5.162	5.162	(0.742)	323317	19.0194	19
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	112102	18.9484	19
69 1,1,2-Trichloroethane	83	5.820	5.826	(0.837)	47619	18.8245	19
71 Tetrachloroethene	166	5.583	5.582	(0.803)	93229	19.3050	19
73 2-Hexanone	43	6.680	6.680	(0.961)	45497	20.3728	20
74 Dibromochloromethane	129	6.015	6.015	(0.865)	81837	19.0301	19
77 1,2-Dibromoethane	107	6.265	6.259	(0.901)	62350	18.5184	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	695914	50.0000	
79 Chlorobenzene	112	6.973	6.972	(1.003)	230842	18.9243	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	122427	19.3271	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	308995	37.9981	38
84 o-Xylene	106	7.863	7.862	(1.131)	152856	19.1263	19
85 Styrene	104	7.942	7.942	(1.142)	265294	19.0442	19
86 Bromoform	173	7.917	7.911	(1.139)	60665	19.4216	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	419417	19.3328	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	375364	50.4232	50
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	74282	19.8961	20
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	218878	19.3102	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	425065	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	224586	19.1286	19
111 1,2-Dichlorobenzene	146	11.149	11.148	(1.065)	207067	19.2875	19
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	14823	19.6099	20
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	131670	19.3542	19
M 120 1,2-Dichloroethene (Total)	100				133040	37.1299	37
M 121 Xylene (Total)	100				461852	57.1244	57

Data File: e06552.d

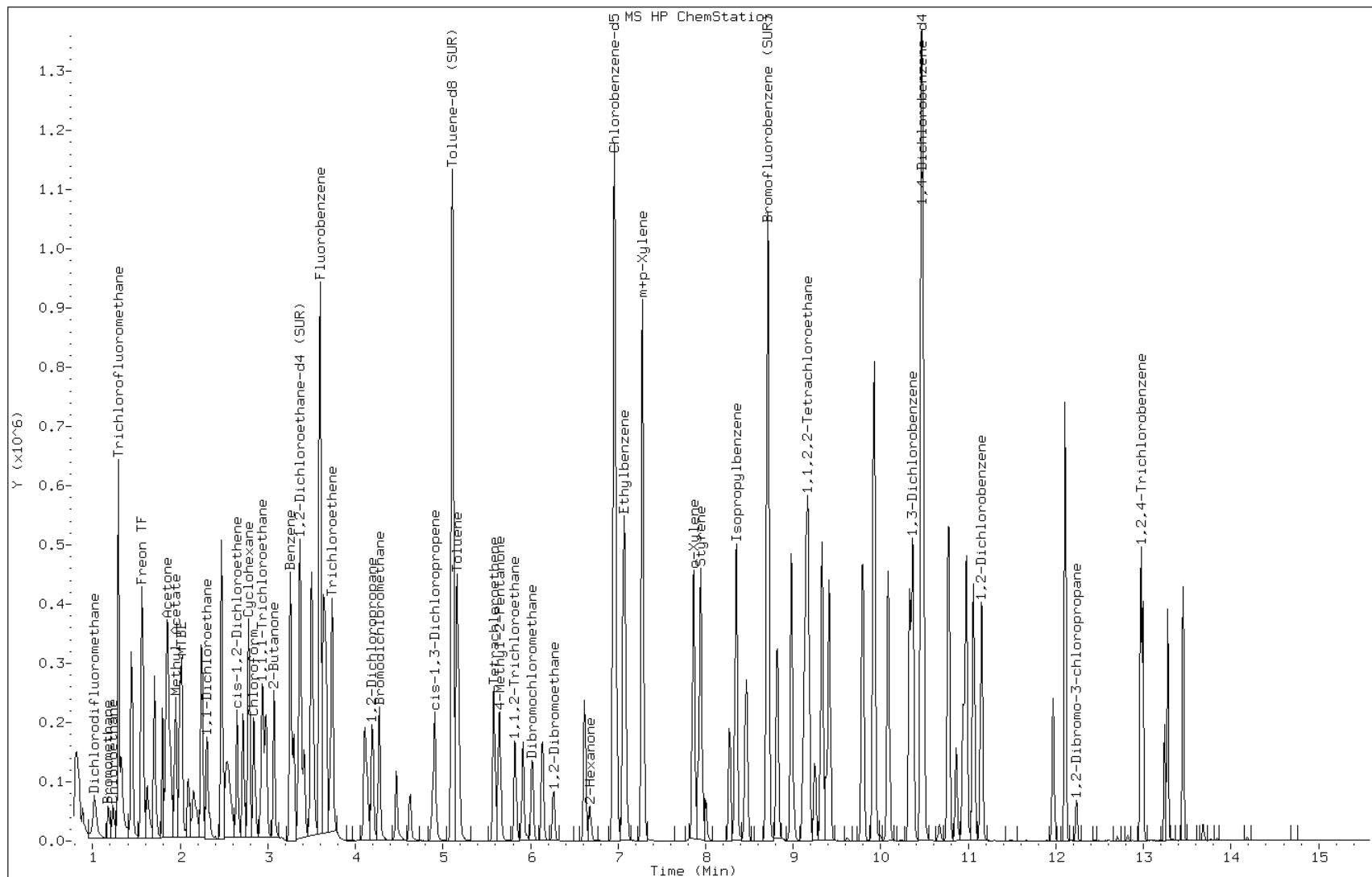
Date: 10-AUG-2012 08:57

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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123597/3
 Matrix: Water Lab File ID: e06581.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 21:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.060
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.22
74-87-3	Chloromethane	20.3		1.0	0.10
75-01-4	Vinyl chloride	20.1		1.0	0.14
74-83-9	Bromomethane	19.3		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		1.0	0.40
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.21
75-69-4	Trichlorofluoromethane	19.7		1.0	0.15
75-35-4	1,1-Dichloroethene	18.1		1.0	0.090
78-87-5	1,2-Dichloropropane	18.7		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.3		1.0	0.080
67-64-1	Acetone	25.3		5.0	2.7
75-15-0	Carbon disulfide	17.4		1.0	0.13
79-20-9	Methyl acetate	18.6		2.0	0.34
75-09-2	Methylene Chloride	19.0		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.13
124-48-1	Chlorodibromomethane	18.5		1.0	0.20
1634-04-4	Methyl tert-butyl ether	18.4		1.0	0.14
75-00-3	Chloroethane	24.4		1.0	0.17
75-34-3	1,1-Dichloroethane	18.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.18
78-93-3	2-Butanone (MEK)	19.0		5.0	2.3
67-66-3	Chloroform	18.4		1.0	0.080
100-41-4	Ethylbenzene	18.5		1.0	0.10
110-82-7	Cyclohexane	16.5		1.0	0.16
56-23-5	Carbon tetrachloride	18.0		1.0	0.060
71-43-2	Benzene	18.1		1.0	0.080
107-06-2	1,2-Dichloroethane	19.6		1.0	0.19
79-01-6	Trichloroethene	18.2		1.0	0.090
108-87-2	Methylcyclohexane	16.9		1.0	0.14
75-27-4	Dichlorobromomethane	18.7		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	17.8		5.0	0.99
108-88-3	Toluene	18.5		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123597/3
 Matrix: Water Lab File ID: e06581.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 21:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.19
127-18-4	Tetrachloroethene	18.2		1.0	0.10
591-78-6	2-Hexanone	17.6		5.0	0.50
106-93-4	1,2-Dibromoethane	18.6		1.0	0.28
108-90-7	Chlorobenzene	18.8		1.0	0.11
1330-20-7	Xylenes, Total	56.3		3.0	0.36
100-42-5	Styrene	18.9		1.0	0.12
75-25-2	Bromoform	19.0		1.0	0.19
98-82-8	Isopropylbenzene	18.8		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
460-00-4	4-Bromofluorobenzene	96		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06581.d
 Report Date: 11-Aug-2012 07:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06581.d
 Lab Smp Id: LCS
 Inj Date : 10-AUG-2012 21:28
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 3 QC Sample: BS
 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)	
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	56007	21.0328	21	
3 Chloromethane	50	1.016	1.010	(0.283)	72865	20.3013	20	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	65126	20.1433	20	
6 Bromomethane	94	1.175	1.175	(0.327)	49170	19.3427	19	
5 Chloroethane	64	1.230	1.230	(0.342)	45249	24.4144	24	
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	110301	19.6948	20	
14 Freon TF	101	1.565	1.565	(0.435)	59243	16.2605	16	
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	49635	18.1186	18	
16 Acetone	58	1.894	1.894	(0.527)	8246	25.3471	25	
18 Carbon Disulfide	76	1.565	1.565	(0.435)	145443	17.4179	17	
27 Methyl Acetate	74	1.961	1.961	(0.546)	13184	18.5975	18	
22 Methylene Chloride	49	1.858	1.857	(0.517)	84334	18.9576	19	
28 MTBE	73	2.016	2.016	(0.561)	229084	18.3975	18	
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	62426	17.7497	18	
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	134615	18.5699	18	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	78452	18.5187	18	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06581.d
 Report Date: 11-Aug-2012 07:06

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)	11981	19.0096	19
42 Chloroform	83	2.839	2.839	(0.790)	136546	18.3671	18
44 Cyclohexane	56	2.778	2.778	(0.773)	86741	16.5053	16
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	124399	18.5096	18
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	103250	17.9820	18
48 Benzene	78	3.254	3.254	(0.468)	272302	18.1092	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	241598	48.0573	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	107233	19.5740	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	864742	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	72636	18.1738	18
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	92219	16.8913	17
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	68077	18.6930	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	104528	18.7228	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	125656	18.2905	18
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	60765	17.7999	18
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	838513	49.0194	49
66 Toluene	91	5.162	5.162	(0.742)	341187	18.5441	18
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	123347	18.6996	19
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	52523	18.2712	18
71 Tetrachloroethene	166	5.582	5.582	(0.803)	96083	18.1751	18
73 2-Hexanone	43	6.680	6.680	(0.961)	48907	17.5637	18
74 Dibromochloromethane	129	6.015	6.015	(0.865)	91270	18.5432	18
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	70103	18.5878	18
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	748163	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	245074	18.8111	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	126065	18.5482	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	327901	37.6034	38
84 o-Xylene	106	7.862	7.862	(1.131)	159743	18.7354	19
85 Styrene	104	7.942	7.942	(1.142)	277707	18.9121	19
86 Bromoform	173	7.917	7.911	(1.139)	67542	18.9746	19
88 Isopropylbenzene	105	8.350	8.350	(1.201)	431464	18.7514	19
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	389503	48.0807	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	84799	18.7990	19
105 1,3-Dichlorobenzene	146	10.325	10.331	(0.987)	233600	18.3961	18
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	473660	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	244365	18.7378	19
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	224143	18.7164	19
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	17137	18.6421	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	148479	18.6366	19
M 120 1,2-Dichloroethene (Total)	100				140878	36.2684	36
M 121 Xylene (Total)	100				487644	56.3388	56

Data File: e06581.d

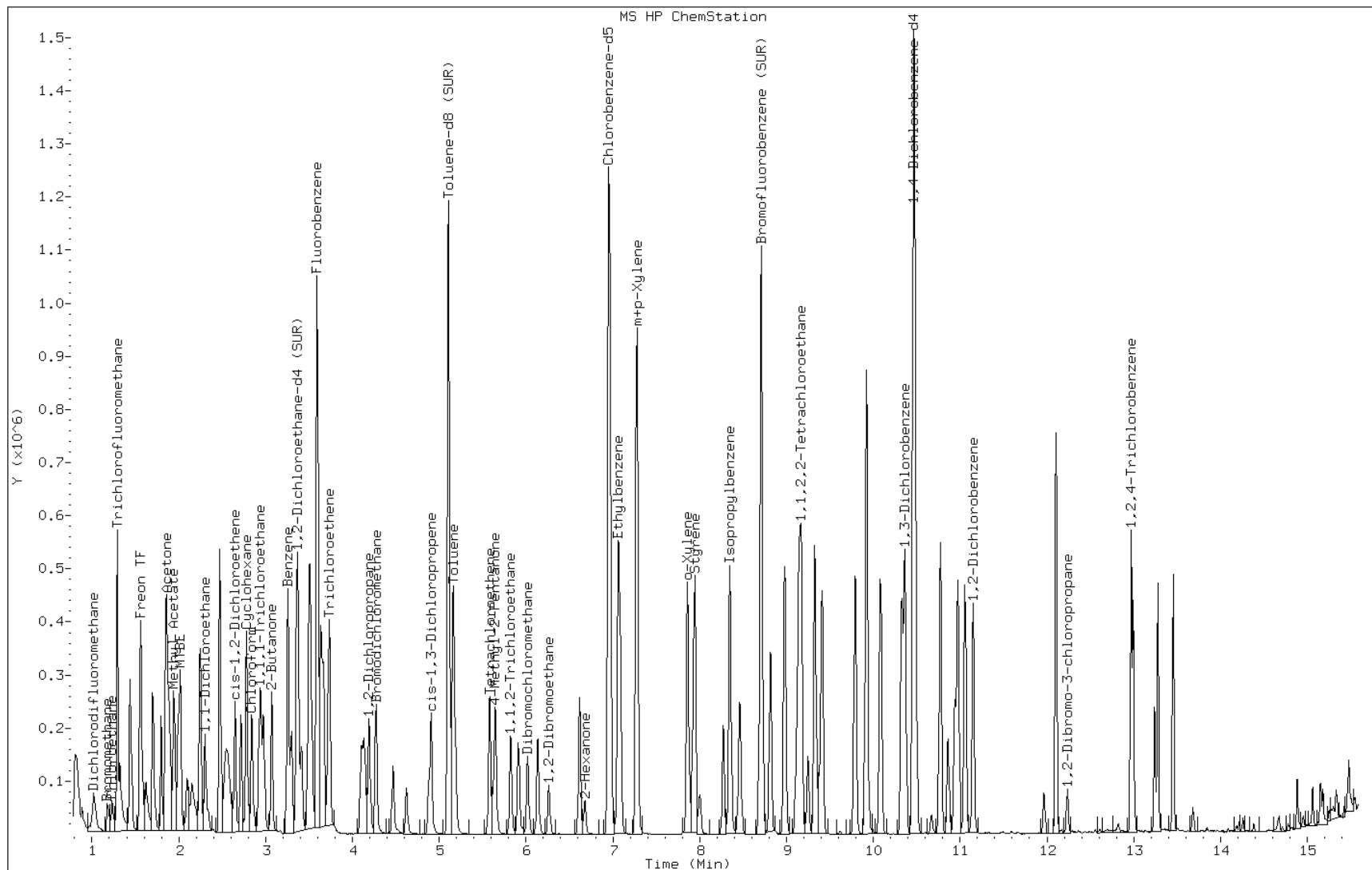
Date: 10-AUG-2012 21:28

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.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123702/3
 Matrix: Water Lab File ID: e06670.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 05:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123702/3
 Matrix: Water Lab File ID: e06670.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 05:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

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

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06670.d
 Lab Smp Id: LCS
 Inj Date : 13-AUG-2012 05:08
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 2 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

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

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

Data File: e06670.d

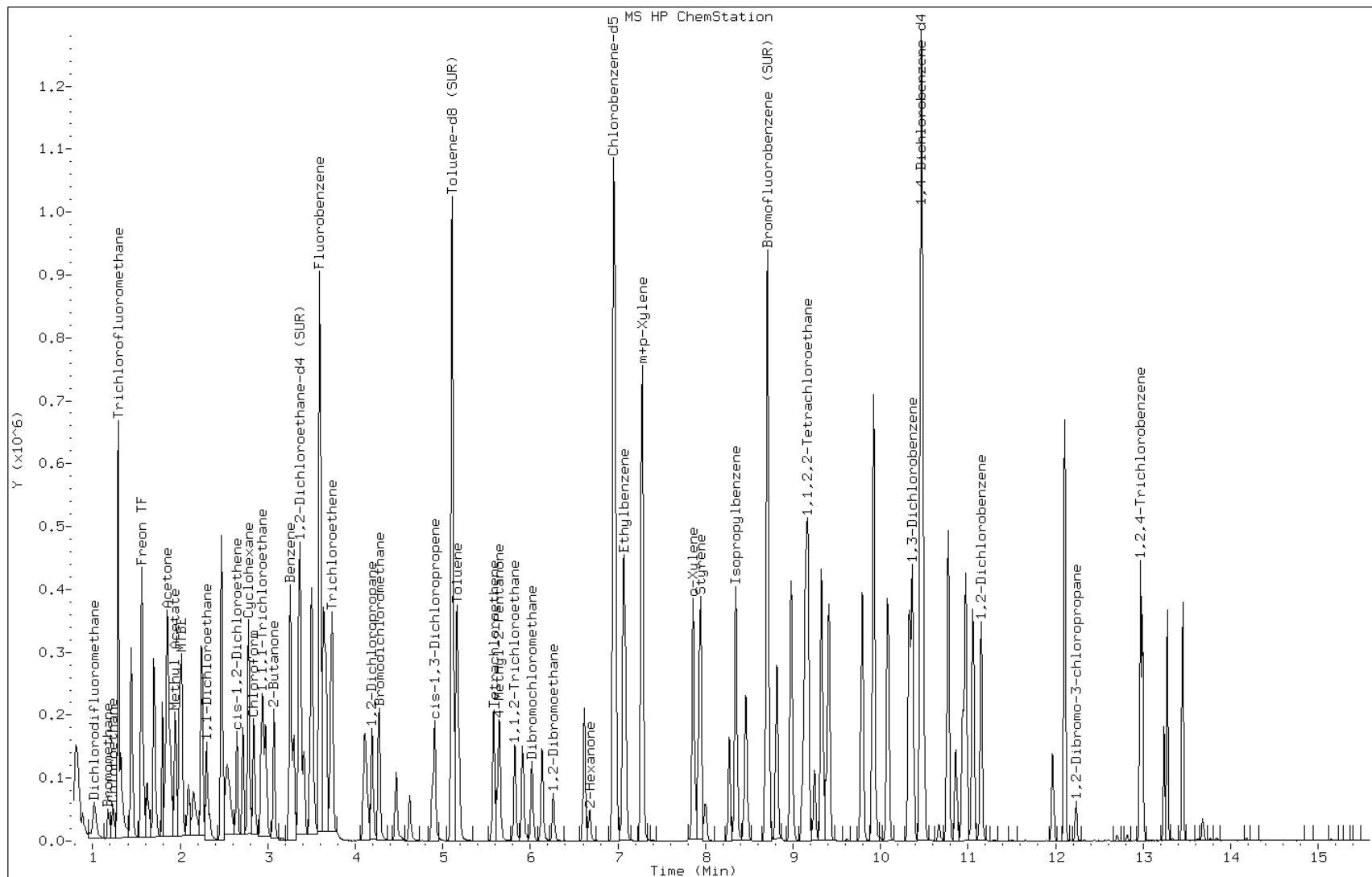
Date: 13-AUG-2012 05:08

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.: 460-43314-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-123852/3

Matrix: Water Lab File ID: e06703.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 19:50

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.: 123852 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.060
75-71-8	Dichlorodifluoromethane	17.6		1.0	0.22
74-87-3	Chloromethane	18.2		1.0	0.10
75-01-4	Vinyl chloride	18.0		1.0	0.14
74-83-9	Bromomethane	18.0		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		1.0	0.40
95-50-1	1,2-Dichlorobenzene	18.5		1.0	0.21
75-69-4	Trichlorofluoromethane	19.6		1.0	0.15
75-35-4	1,1-Dichloroethene	18.1		1.0	0.090
78-87-5	1,2-Dichloropropane	18.6		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.7		1.0	0.080
67-64-1	Acetone	23.8		5.0	2.7
75-15-0	Carbon disulfide	16.7		1.0	0.13
79-20-9	Methyl acetate	15.4		2.0	0.34
75-09-2	Methylene Chloride	18.5		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.13
124-48-1	Chlorodibromomethane	19.0		1.0	0.20
1634-04-4	Methyl tert-butyl ether	16.4		1.0	0.14
75-00-3	Chloroethane	21.7		1.0	0.17
75-34-3	1,1-Dichloroethane	18.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.7		1.0	0.18
78-93-3	2-Butanone (MEK)	17.6		5.0	2.3
67-66-3	Chloroform	18.6		1.0	0.080
100-41-4	Ethylbenzene	18.5		1.0	0.10
110-82-7	Cyclohexane	20.0		1.0	0.16
56-23-5	Carbon tetrachloride	18.2		1.0	0.060
71-43-2	Benzene	18.3		1.0	0.080
107-06-2	1,2-Dichloroethane	18.7		1.0	0.19
79-01-6	Trichloroethene	17.7		1.0	0.090
108-87-2	Methylcyclohexane	21.4		1.0	0.14
75-27-4	Dichlorobromomethane	18.2		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	16.3		5.0	0.99
108-88-3	Toluene	18.6		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-123852/3
 Matrix: Water Lab File ID: e06703.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 19:50
 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.: 123852 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.19
127-18-4	Tetrachloroethene	18.7		1.0	0.10
591-78-6	2-Hexanone	15.5		5.0	0.50
106-93-4	1,2-Dibromoethane	19.2		1.0	0.28
108-90-7	Chlorobenzene	18.4		1.0	0.11
1330-20-7	Xylenes, Total	55.7		3.0	0.36
100-42-5	Styrene	18.6		1.0	0.12
75-25-2	Bromoform	18.7		1.0	0.19
98-82-8	Isopropylbenzene	18.4		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.16
541-73-1	1,3-Dichlorobenzene	18.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
460-00-4	4-Bromofluorobenzene	97		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06703.d
 Report Date: 14-Aug-2012 13:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06703.d
 Lab Smp Id: LCS
 Inj Date : 13-AUG-2012 19:50
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 06:09 audberto Quant Type: ISTD
 Cal Date : 14-AUG-2012 04:43 Cal File: e06725.d
 Als bottle: 3 QC Sample: BS
 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)	55411	17.6364	18
3 Chloromethane	50	1.010	1.016	(0.281)	64121	18.2301	18
4 Vinyl Chloride	62	1.022	1.022	(0.284)	59130	18.0385	18
6 Bromomethane	94	1.175	1.175	(0.327)	45758	17.9810	18
5 Chloroethane	64	1.230	1.230	(0.342)	45961	21.6609	22
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	116851	19.5744	20
14 Freon TF	101	1.565	1.565	(0.435)	56903	18.6579	19
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	40829	18.0666	18
16 Acetone	58	1.888	1.888	(0.525)	6970	23.8185	24
18 Carbon Disulfide	76	1.565	1.559	(0.435)	184237	16.7119	17
27 Methyl Acetate	74	1.961	1.961	(0.546)	11597	15.3966	15
22 Methylene Chloride	49	1.858	1.858	(0.517)	70703	18.4546	18
28 MTBE	73	2.016	2.016	(0.561)	211725	16.4386	16
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	51857	18.2435	18
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	113582	18.3193	18
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	68020	18.6569	19

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06703.d
 Report Date: 14-Aug-2012 13:39

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)	10161	17.5926	18
42 Chloroform	83	2.839	2.839	(0.790)	122485	18.5937	18
44 Cyclohexane	56	2.778	2.778	(0.773)	86178	20.0354	20
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	105305	17.5332	18
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	91403	18.2296	18
48 Benzene	78	3.254	3.254	(0.468)	225924	18.2672	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	212245	47.7149	48
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	91052	18.7436	19
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	767107	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	59120	17.6714	18
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	91834	21.3591	21
57 1,2-Dichloropropane	63	4.193	4.193	(1.166)	57301	18.6220	19
68 Bromodichloromethane	83	4.272	4.272	(1.188)	94047	18.1931	18
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	109904	18.8414	19
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	52301	16.2580	16
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	709135	47.9132	48
66 Toluene	91	5.162	5.162	(0.742)	293251	18.6419	19
64 trans-1,3-Dichloropropene	75	5.643	5.650	(0.812)	108010	19.0730	19
69 1,1,2-Trichloroethane	83	5.820	5.826	(0.837)	45214	18.3475	18
71 Tetrachloroethene	166	5.576	5.583	(0.802)	81150	18.7015	19
73 2-Hexanone	43	6.674	6.674	(0.960)	42329	15.4619	15
74 Dibromochloromethane	129	6.015	6.015	(0.865)	81559	19.0221	19
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	61427	19.1836	19
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	674198	50.0000	
79 Chlorobenzene	112	6.972	6.973	(1.003)	210724	18.3847	18
81 Ethylbenzene	106	7.064	7.064	(1.016)	111285	18.5393	18
82 m+p-Xylene	106	7.277	7.277	(1.046)	284349	36.8346	37
84 o-Xylene	106	7.863	7.863	(1.131)	143358	18.8984	19
85 Styrene	104	7.942	7.942	(1.142)	241767	18.6292	19
86 Bromoform	173	7.911	7.917	(1.138)	61204	18.7173	19
88 Isopropylbenzene	105	8.344	8.350	(1.200)	374664	18.4084	18
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	337889	48.3443	48
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	70696	18.5590	18
105 1,3-Dichlorobenzene	146	10.325	10.332	(0.987)	207030	18.5248	18
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	424864	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	214172	18.7647	19
111 1,2-Dichlorobenzene	146	11.149	11.155	(1.065)	195642	18.5091	18
112 1,2-Dibromo-3-chloropropane	75	12.234	12.240	(1.169)	14769	18.6795	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	130325	18.6471	19
M 120 1,2-Dichloroethene (Total)	100				119877	36.9004	37
M 121 Xylene (Total)	100				427707	55.7330	56

Data File: e06703.d

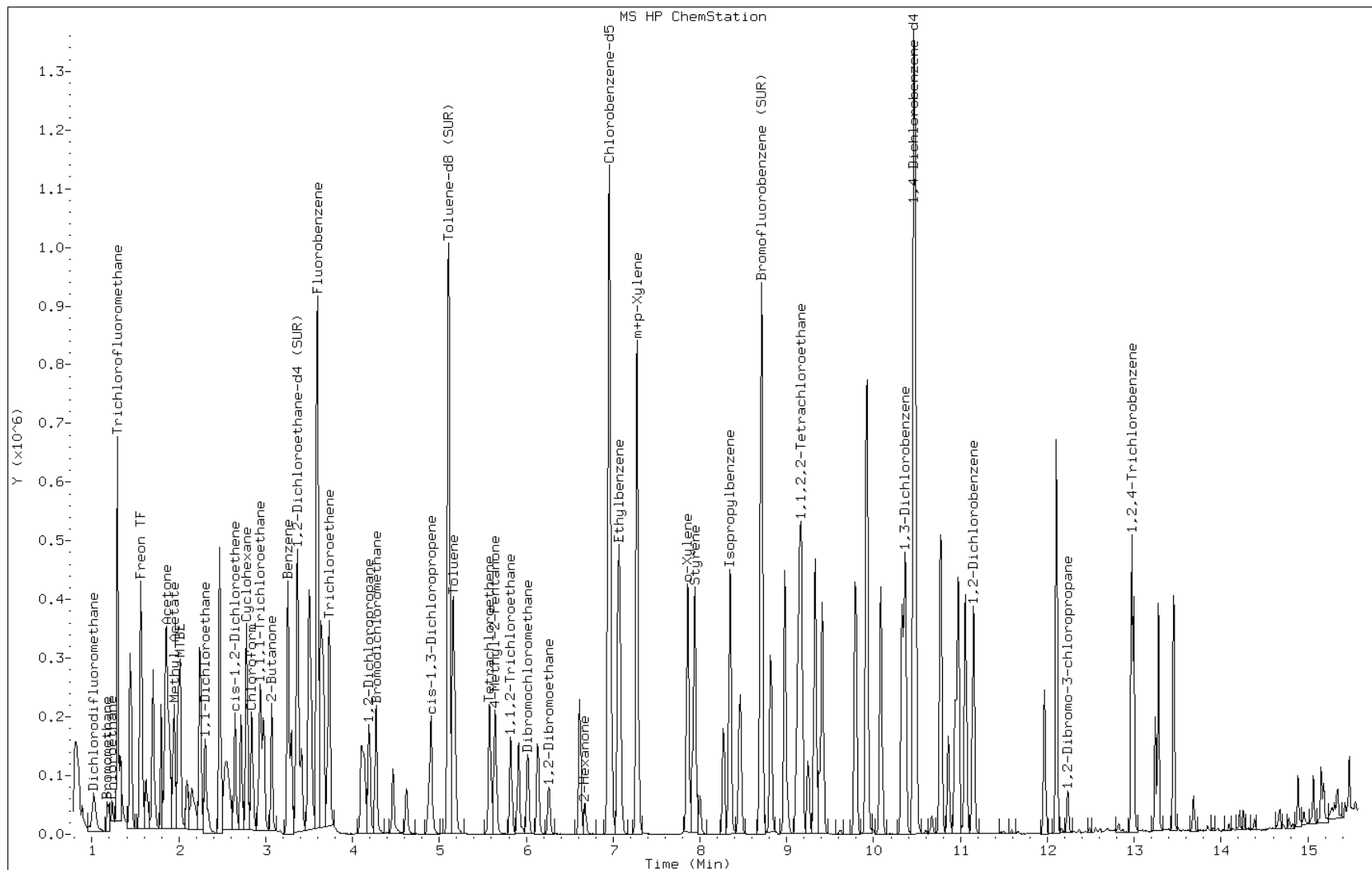
Date: 13-AUG-2012 19:50

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.: 460-43314-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-123852/4

Matrix: Water Lab File ID: e06704.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 20:13

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.: 123852 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.060
75-71-8	Dichlorodifluoromethane	19.5		1.0	0.22
74-87-3	Chloromethane	19.2		1.0	0.10
75-01-4	Vinyl chloride	19.4		1.0	0.14
74-83-9	Bromomethane	19.3		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		1.0	0.40
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.21
75-69-4	Trichlorofluoromethane	20.5		1.0	0.15
75-35-4	1,1-Dichloroethene	18.8		1.0	0.090
78-87-5	1,2-Dichloropropane	19.8		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.2		1.0	0.080
67-64-1	Acetone	22.0		5.0	2.7
75-15-0	Carbon disulfide	18.1		1.0	0.13
79-20-9	Methyl acetate	17.6		2.0	0.34
75-09-2	Methylene Chloride	19.1		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	19.4		1.0	0.13
124-48-1	Chlorodibromomethane	19.9		1.0	0.20
1634-04-4	Methyl tert-butyl ether	18.6		1.0	0.14
75-00-3	Chloroethane	18.8		1.0	0.17
75-34-3	1,1-Dichloroethane	19.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.18
78-93-3	2-Butanone (MEK)	19.2		5.0	2.3
67-66-3	Chloroform	18.7		1.0	0.080
100-41-4	Ethylbenzene	19.3		1.0	0.10
110-82-7	Cyclohexane	22.8		1.0	0.16
56-23-5	Carbon tetrachloride	19.6		1.0	0.060
71-43-2	Benzene	19.4		1.0	0.080
107-06-2	1,2-Dichloroethane	20.4		1.0	0.19
79-01-6	Trichloroethene	19.2		1.0	0.090
108-87-2	Methylcyclohexane	23.5		1.0	0.14
75-27-4	Dichlorobromomethane	19.1		1.0	0.12
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.18
108-10-1	4-Methyl-2-pentanone (MIBK)	17.9		5.0	0.99
108-88-3	Toluene	19.4		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-123852/4
 Matrix: Water Lab File ID: e06704.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 20:13
 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.: 123852 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.19
127-18-4	Tetrachloroethene	19.9		1.0	0.10
591-78-6	2-Hexanone	16.5		5.0	0.50
106-93-4	1,2-Dibromoethane	19.7		1.0	0.28
108-90-7	Chlorobenzene	19.4		1.0	0.11
1330-20-7	Xylenes, Total	58.1		3.0	0.36
100-42-5	Styrene	19.6		1.0	0.12
75-25-2	Bromoform	19.7		1.0	0.19
98-82-8	Isopropylbenzene	19.8		1.0	0.080
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1.0	0.16
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	102		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06704.d
 Report Date: 14-Aug-2012 13:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06704.d
 Lab Smp Id: LCSD
 Inj Date : 13-AUG-2012 20:13
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : LCSD
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/8260DE_09.m
 Meth Date : 14-Aug-2012 06:09 audberto Quant Type: ISTD
 Cal Date : 14-AUG-2012 04:43 Cal File: e06725.d
 Als bottle: 4 QC Sample: BSD
 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)	59516	19.4639	19
3 Chloromethane	50	1.016	1.016	(0.283)	65636	19.1740	19
4 Vinyl Chloride	62	1.022	1.022	(0.284)	61980	19.4279	19
6 Bromomethane	94	1.175	1.175	(0.327)	47727	19.2704	19
5 Chloroethane	64	1.230	1.230	(0.342)	38877	18.8262	19
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	119369	20.5461	20
14 Freon TF	101	1.565	1.565	(0.435)	62883	21.1857	21
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	41395	18.8208	19
16 Acetone	58	1.888	1.888	(0.525)	6276	22.0367	22
18 Carbon Disulfide	76	1.559	1.559	(0.434)	194371	18.1160	18
27 Methyl Acetate	74	1.955	1.961	(0.544)	12892	17.5865	18
22 Methylene Chloride	49	1.858	1.858	(0.517)	71199	19.0951	19
28 MTBE	73	2.016	2.016	(0.561)	233121	18.5976	18
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	53661	19.3973	19
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	116518	19.3096	19
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	70738	19.9360	20

Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12WA.b/e06704.d
 Report Date: 14-Aug-2012 13:39

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)	10811	19.2328	19
42 Chloroform	83	2.839	2.839	(0.790)	119759	18.6798	19
44 Cyclohexane	56	2.778	2.778	(0.773)	95571	22.8302	23
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	114998	19.6736	20
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	95700	19.6114	20
48 Benzene	78	3.254	3.254	(0.468)	233617	19.3920	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.357	3.357	(0.934)	233743	53.9930	54
49 1,2-Dichloroethane	62	3.412	3.412	(0.949)	96542	20.4203	20
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	746576	50.0000	
54 Trichloroethene	95	3.735	3.735	(1.039)	62442	19.1777	19
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	98526	23.5458	24
57 1,2-Dichloropropane	63	4.192	4.193	(1.166)	59370	19.8250	20
68 Bromodichloromethane	83	4.272	4.272	(1.188)	96213	19.1240	19
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	111064	19.5470	20
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	56097	17.9022	18
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	738131	51.1997	51
66 Toluene	91	5.162	5.162	(0.742)	297881	19.4402	19
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	108550	19.6786	20
69 1,1,2-Trichloroethane	83	5.820	5.826	(0.837)	46125	19.2154	19
71 Tetrachloroethene	166	5.576	5.583	(0.802)	83935	19.8582	20
73 2-Hexanone	43	6.680	6.674	(0.961)	44036	16.5135	16
74 Dibromochloromethane	129	6.015	6.015	(0.865)	83219	19.9258	20
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	61332	19.6638	20
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	656718	50.0000	
79 Chlorobenzene	112	6.972	6.973	(1.003)	217113	19.4463	19
81 Ethylbenzene	106	7.064	7.064	(1.016)	112728	19.2795	19
82 m+p-Xylene	106	7.277	7.277	(1.046)	290691	38.6585	39
84 o-Xylene	106	7.863	7.863	(1.131)	143785	19.4592	19
85 Styrene	104	7.942	7.942	(1.142)	247221	19.5565	20
86 Bromoform	173	7.911	7.917	(1.138)	62590	19.6506	20
88 Isopropylbenzene	105	8.350	8.350	(1.201)	391731	19.7593	20
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	350873	51.0588	51
92 1,1,2,2-Tetrachloroethane	83	9.112	9.112	(0.871)	73036	19.5005	20
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	212088	19.3013	19
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	417735	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	218786	19.4961	19
111 1,2-Dichlorobenzene	146	11.148	11.155	(1.065)	202621	19.4966	19
112 1,2-Dibromo-3-chloropropane	75	12.234	12.240	(1.169)	14674	18.8761	19
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	133460	19.4216	19
M 120 1,2-Dichloroethene (Total)	100				124399	39.3333	39
M 121 Xylene (Total)	100				434476	58.1177	58

Data File: e06704.d

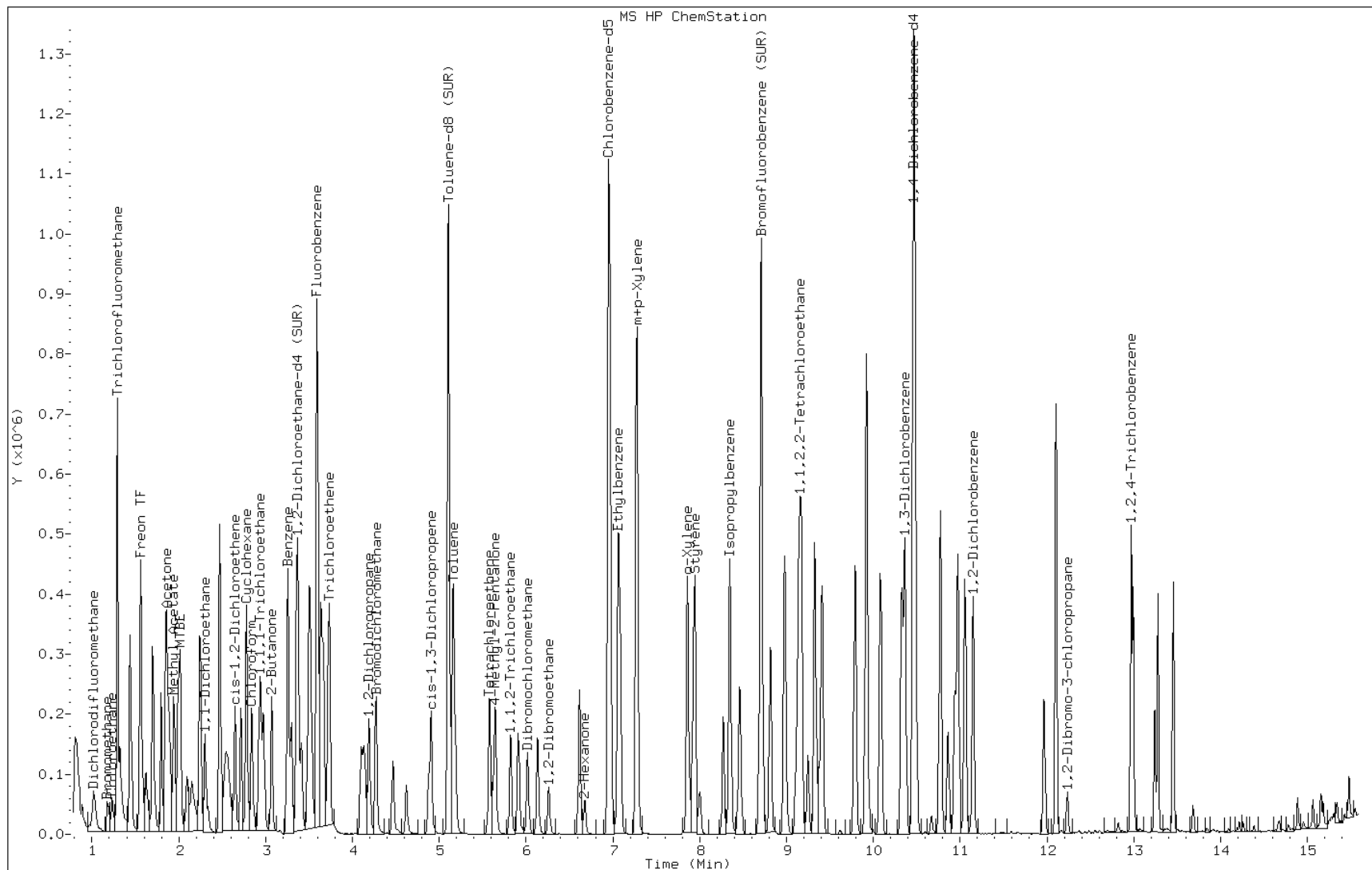
Date: 13-AUG-2012 20:13

Client ID:

Instrument: VOAMS5.i

Sample Info: LCSD

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 MS
 Matrix: Water Lab File ID: e06594.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 03:03
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	364		20	1.2
75-71-8	Dichlorodifluoromethane	502		20	4.4
74-87-3	Chloromethane	502		20	2.0
75-01-4	Vinyl chloride	458		20	2.8
74-83-9	Bromomethane	450		20	3.6
96-12-8	1,2-Dibromo-3-Chloropropane	335		20	8.0
95-50-1	1,2-Dichlorobenzene	366		20	4.2
75-69-4	Trichlorofluoromethane	502		20	3.0
75-35-4	1,1-Dichloroethene	400		20	1.8
78-87-5	1,2-Dichloropropane	374		20	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	366		20	1.6
67-64-1	Acetone	698		100	54
75-15-0	Carbon disulfide	310		20	2.6
79-20-9	Methyl acetate	337		40	6.8
75-09-2	Methylene Chloride	400		20	3.6
156-60-5	trans-1,2-Dichloroethene	358		20	2.6
124-48-1	Chlorodibromomethane	373		20	4.0
1634-04-4	Methyl tert-butyl ether	372		20	2.8
75-00-3	Chloroethane	638		20	3.4
75-34-3	1,1-Dichloroethane	399		20	2.6
156-59-2	cis-1,2-Dichloroethene	383		20	3.6
78-93-3	2-Butanone (MEK)	405		100	46
67-66-3	Chloroform	391		20	1.6
100-41-4	Ethylbenzene	2070		20	2.0
110-82-7	Cyclohexane	796		20	3.2
56-23-5	Carbon tetrachloride	358		20	1.2
71-43-2	Benzene	878		20	1.6
107-06-2	1,2-Dichloroethane	384		20	3.8
79-01-6	Trichloroethene	351		20	1.8
108-87-2	Methylcyclohexane	562		20	2.8
75-27-4	Dichlorobromomethane	384		20	2.4
10061-01-5	cis-1,3-Dichloropropene	364		20	3.6
108-10-1	4-Methyl-2-pentanone (MIBK)	379		100	20
108-88-3	Toluene	3940		20	3.0
10061-02-6	trans-1,3-Dichloropropene	367		20	4.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 MS
 Matrix: Water Lab File ID: e06594.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 03:03
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	400		20	3.8
127-18-4	Tetrachloroethene	355		20	2.0
591-78-6	2-Hexanone	322		100	10
106-93-4	1,2-Dibromoethane	369		20	5.6
108-90-7	Chlorobenzene	373		20	2.2
1330-20-7	Xylenes, Total	8880		60	7.2
100-42-5	Styrene	400		20	2.4
75-25-2	Bromoform	367		20	3.8
98-82-8	Isopropylbenzene	424		20	1.6
79-34-5	1,1,2,2-Tetrachloroethane	381		20	3.2
541-73-1	1,3-Dichlorobenzene	367		20	2.8
106-46-7	1,4-Dichlorobenzene	367		20	4.6
120-82-1	1,2,4-Trichlorobenzene	327		20	6.8

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

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06594.d
 Report Date: 11-Aug-2012 07:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06594.d
 Lab Smp Id: 460-43314-C-8MS Client Smp ID: WG-17338-080812-VAS
 Inj Date : 11-AUG-2012 03:03
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-8MS;20
 Misc Info : 460-43314-C-8MS
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 16 QC Sample: MS
 Dil Factor: 20.00000
 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	20.00000	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)	67704	25.0871	500	
3 Chloromethane	50	0.998	1.010	(0.278)	91358	25.1150	500	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	75033	22.8987	460	
6 Bromomethane	94	1.175	1.175	(0.327)	57910	22.4777	450	
5 Chloroethane	64	1.230	1.230	(0.342)	59961	31.9218	640(R)	
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	142330	25.0755	500	
14 Freon TF	101	1.571	1.565	(0.437)	67581	18.3022	370	
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	55595	20.0241	400	
16 Acetone	58	1.894	1.894	(0.527)	11506	34.8973	700(R)	
18 Carbon Disulfide	76	1.565	1.565	(0.435)	131255	15.5096	310	
27 Methyl Acetate	74	1.961	1.961	(0.546)	12094	16.8329	340	
22 Methylene Chloride	49	1.858	1.857	(0.517)	90283	20.0248	400	
28 MTBE	73	2.016	2.016	(0.561)	234636	18.5927	370	
25 trans-1,2-Dichloroethene	96	1.949	1.943	(0.542)	63874	17.9197	360	
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	146701	19.9679	400	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	82149	19.1334	380	

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06594.d
 Report Date: 11-Aug-2012 07:06

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)	12934	20.2486	400
42 Chloroform	83	2.845	2.839	(0.791)	147316	19.5521	390
44 Cyclohexane	56	2.784	2.778	(0.774)	212094	39.8208	800(R)
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	124033	18.2095	360
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	104296	17.9225	360
48 Benzene	78	3.260	3.254	(0.469)	661055	43.9129	880(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	250476	49.1602	49
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	106717	19.2206	380
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	876405	50.0000	
54 Trichloroethene	95	3.741	3.735	(1.041)	71190	17.5749	350
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	155415	28.0877	560(R)
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	69009	18.6967	370
68 Bromodichloromethane	83	4.272	4.272	(1.188)	108736	19.2173	380
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	125018	18.1770	360
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	64733	18.9407	380
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	830585	48.5009	48
66 Toluene	91	5.162	5.162	(0.742)	3626504	196.884	3900(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	121222	18.3566	370
69 1,1,2-Trichloroethane	83	5.820	5.820	(0.837)	57578	20.0070	400
71 Tetrachloroethene	166	5.582	5.582	(0.803)	93882	17.7386	350
73 2-Hexanone	43	6.680	6.680	(0.961)	44828	16.0806	320
74 Dibromochloromethane	129	6.015	6.015	(0.865)	91864	18.6427	370
77 1,2-Dibromoethane	107	6.265	6.259	(0.901)	69627	18.4406	370
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	749012	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	243110	18.6392	370
81 Ethylbenzene	106	7.064	7.064	(1.016)	703153	103.339	2100(R)
82 m+p-Xylene	106	7.283	7.277	(1.047)	2646159	303.115	6100(R)
84 o-Xylene	106	7.862	7.862	(1.131)	1203732	141.020	2800(R)
85 Styrene	104	7.948	7.942	(1.143)	294341	20.0221	400
86 Bromoform	173	7.917	7.911	(1.139)	65418	18.3571	370
88 Isopropylbenzene	105	8.350	8.350	(1.201)	488431	21.2031	420
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	388320	48.7825	49
92 1,1,2,2-Tetrachloroethane	83	9.118	9.112	(0.871)	84395	19.0403	380
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	228972	18.3506	370
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	465428	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	235451	18.3736	370
111 1,2-Dichlorobenzene	146	11.155	11.154	(1.066)	215413	18.3056	370
112 1,2-Dibromo-3-chloropropane	75	12.240	12.234	(1.169)	15128	16.7477	330
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	128150	16.3694	330
M 120 1,2-Dichloroethene (Total)	100				146023	37.0531	740
M 121 Xylene (Total)	100				3849891	444.135	8900(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06594.d

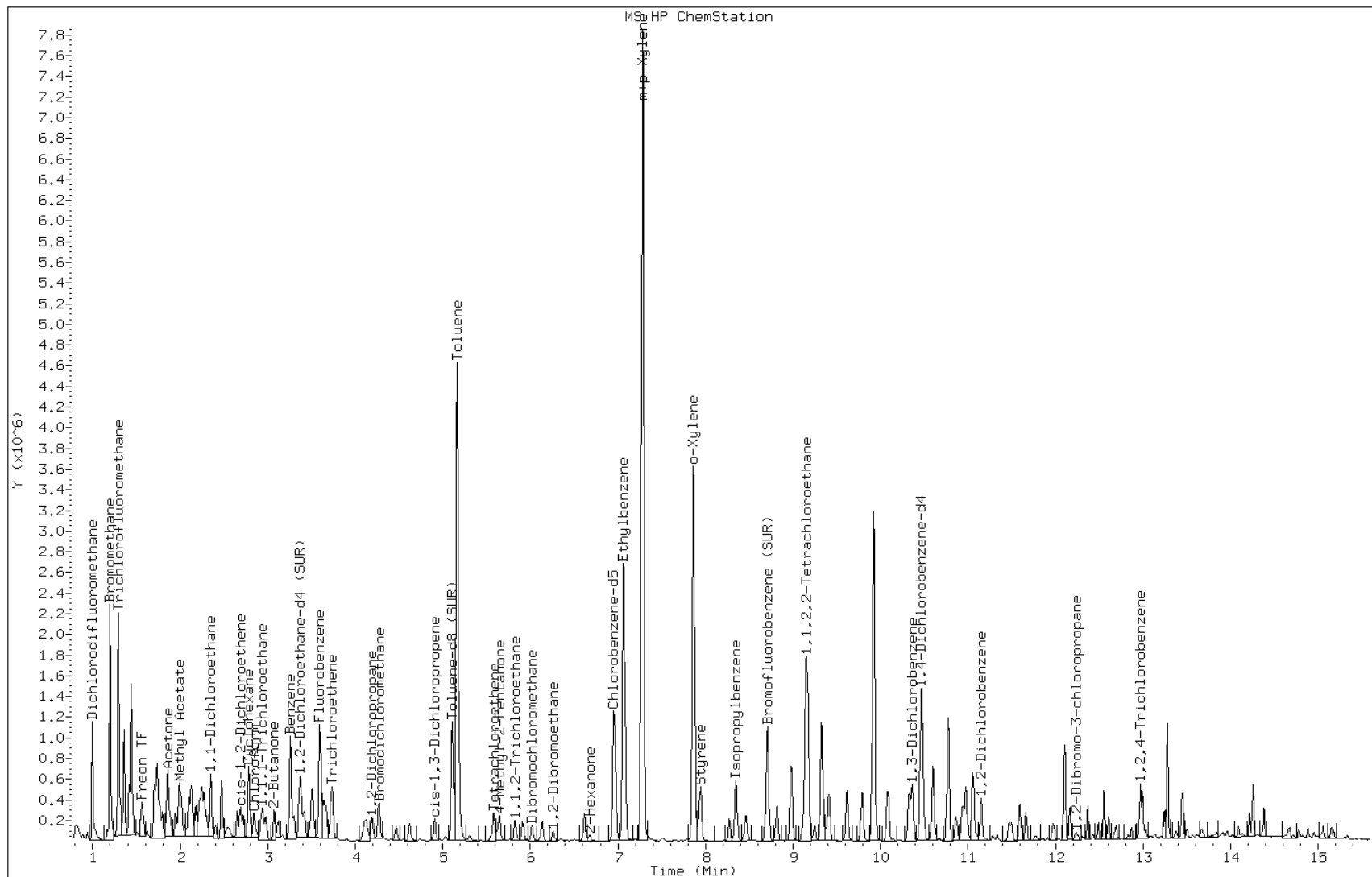
Date: 11-AUG-2012 03:03

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8MS;20

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43270-B-1 MS
 Matrix: Water Lab File ID: e06564.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 13:39
 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.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	179		10	0.60
75-71-8	Dichlorodifluoromethane	191		10	2.2
74-87-3	Chloromethane	205		10	1.0
75-01-4	Vinyl chloride	204		10	1.4
74-83-9	Bromomethane	203		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	206		10	4.0
95-50-1	1,2-Dichlorobenzene	176		10	2.1
75-69-4	Trichlorofluoromethane	205		10	1.5
75-35-4	1,1-Dichloroethene	203		10	0.90
78-87-5	1,2-Dichloropropane	189		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	186		10	0.80
67-64-1	Acetone	343		50	27
75-15-0	Carbon disulfide	170		10	1.3
79-20-9	Methyl acetate	205		20	3.4
75-09-2	Methylene Chloride	186		10	1.8
156-60-5	trans-1,2-Dichloroethene	181		10	1.3
124-48-1	Chlorodibromomethane	192		10	2.0
1634-04-4	Methyl tert-butyl ether	209		10	1.4
75-00-3	Chloroethane	253		10	1.7
75-34-3	1,1-Dichloroethane	191		10	1.3
156-59-2	cis-1,2-Dichloroethene	178		10	1.8
78-93-3	2-Butanone (MEK)	208		50	23
67-66-3	Chloroform	186		10	0.80
100-41-4	Ethylbenzene	596		10	1.0
110-82-7	Cyclohexane	382		10	1.6
56-23-5	Carbon tetrachloride	177		10	0.60
71-43-2	Benzene	624		10	0.80
107-06-2	1,2-Dichloroethane	187		10	1.9
79-01-6	Trichloroethene	177		10	0.90
108-87-2	Methylcyclohexane	355		10	1.4
75-27-4	Dichlorobromomethane	189		10	1.2
10061-01-5	cis-1,3-Dichloropropene	179		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	243		50	9.9
108-88-3	Toluene	1270		10	1.5
10061-02-6	trans-1,3-Dichloropropene	186		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43270-B-1 MS
 Matrix: Water Lab File ID: e06564.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 13:39
 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.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	241		10	1.9
127-18-4	Tetrachloroethene	173		10	1.0
591-78-6	2-Hexanone	200		50	5.0
106-93-4	1,2-Dibromoethane	194		10	2.8
108-90-7	Chlorobenzene	181		10	1.1
1330-20-7	Xylenes, Total	2540		30	3.6
100-42-5	Styrene	184		10	1.2
75-25-2	Bromoform	197		10	1.9
98-82-8	Isopropylbenzene	209		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	211		10	1.6
541-73-1	1,3-Dichlorobenzene	172		10	1.4
106-46-7	1,4-Dichlorobenzene	172		10	2.3
120-82-1	1,2,4-Trichlorobenzene	161		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-130
460-00-4	4-Bromofluorobenzene	90		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06564.d
 Report Date: 10-Aug-2012 14:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06564.d
 Lab Smp Id: 460-43270-B-1 MS
 Inj Date : 10-AUG-2012 13:39
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43270-B-1 MS;10
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 09:14 audberto Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 14 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)	64561		19.0750	190
3 Chloromethane	50	1.004	1.010	(0.279)	77837		20.5129	200
4 Vinyl Chloride	62	1.022	1.022	(0.284)	72201		20.3755	200
6 Bromomethane	94	1.175	1.175	(0.327)	52627		20.2827	200
5 Chloroethane	64	1.230	1.236	(0.342)	50096		25.3495	250
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	131397		20.5084	200
14 Freon TF	101	1.571	1.571	(0.437)	58648		18.6196	190
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	52024		20.2726	200
16 Acetone	58	1.888	1.894	(0.525)	11338		34.3282	340(R)
18 Carbon Disulfide	76	1.565	1.565	(0.435)	127087		16.9649	170
27 Methyl Acetate	74	1.961	1.961	(0.546)	11763		20.5094	200
22 Methylene Chloride	49	1.858	1.858	(0.517)	80801		18.5727	180
28 MTBE	73	2.016	2.016	(0.561)	218675		20.8667	210
25 trans-1,2-Dichloroethene	96	1.949	1.949	(0.542)	60157		18.0962	180
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	131893		19.0688	190
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	71175		17.7994	180

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06564.d
 Report Date: 10-Aug-2012 14:11

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)	12027	20.8135	210
42 Chloroform	83	2.845	2.845	(0.791)	130985	18.6042	190
44 Cyclohexane	56	2.784	2.784	(0.774)	175126	38.2294	380(R)
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	114877	17.8755	180
45 Carbon Tetrachloride	117	2.931	2.931	(0.815)	94025	17.6993	180
48 Benzene	78	3.260	3.260	(0.469)	858283	62.4194	620(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.363	(0.936)	229740	50.2741	50
49 1,2-Dichloroethane	62	3.418	3.418	(0.951)	104909	18.7046	190
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	802830	50.0000	
54 Trichloroethene	95	3.741	3.741	(1.041)	64403	17.7081	180
56 Methyl cyclohexane	83	3.729	3.729	(1.037)	164710	35.4890	350(R)
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	62156	18.8988	190
68 Bromodichloromethane	83	4.272	4.272	(1.188)	98285	18.9280	190
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	112088	17.8839	180
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	63084	24.3290	240(R)
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	742204	45.6631	46
66 Toluene	91	5.162	5.162	(0.742)	2159876	126.962	1300(R)
64 trans-1,3-Dichloropropene	75	5.650	5.650	(0.812)	109952	18.5712	180
69 1,1,2-Trichloroethane	83	5.826	5.826	(0.838)	60914	24.0621	240(R)
71 Tetrachloroethene	166	5.582	5.582	(0.803)	83534	17.2847	170
73 2-Hexanone	43	6.680	6.680	(0.961)	44701	20.0014	200
74 Dibromochloromethane	129	6.021	6.015	(0.866)	82658	19.2067	190
77 1,2-Dibromoethane	107	6.259	6.259	(0.900)	65241	19.3626	190
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	696432	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	221148	18.1162	180
81 Ethylbenzene	106	7.064	7.064	(1.016)	377629	59.5703	600(R)
82 m+p-Xylene	106	7.283	7.277	(1.047)	1440729	177.039	1800(R)
84 o-Xylene	106	7.862	7.862	(1.131)	618562	77.3405	770(R)
85 Styrene	104	7.942	7.942	(1.142)	256619	18.4077	180
86 Bromoform	173	7.917	7.911	(1.139)	61628	19.7153	200
88 Isopropylbenzene	105	8.350	8.350	(1.201)	452816	20.8567	210
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	348426	45.1088	45
92 1,1,2,2-Tetrachloroethane	83	9.118	9.112	(0.871)	81816	21.1201	210
105 1,3-Dichlorobenzene	146	10.332	10.332	(0.987)	202076	17.1820	170
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	441045	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	209161	17.1694	170
111 1,2-Dichlorobenzene	146	11.155	11.148	(1.066)	196467	17.6371	180
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	16122	20.5547	200
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	113763	16.1162	160
M 120 1,2-Dichloroethene (Total)	100				131332	35.8956	360
M 121 Xylene (Total)	100				2059291	254.379	2500(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06564.d

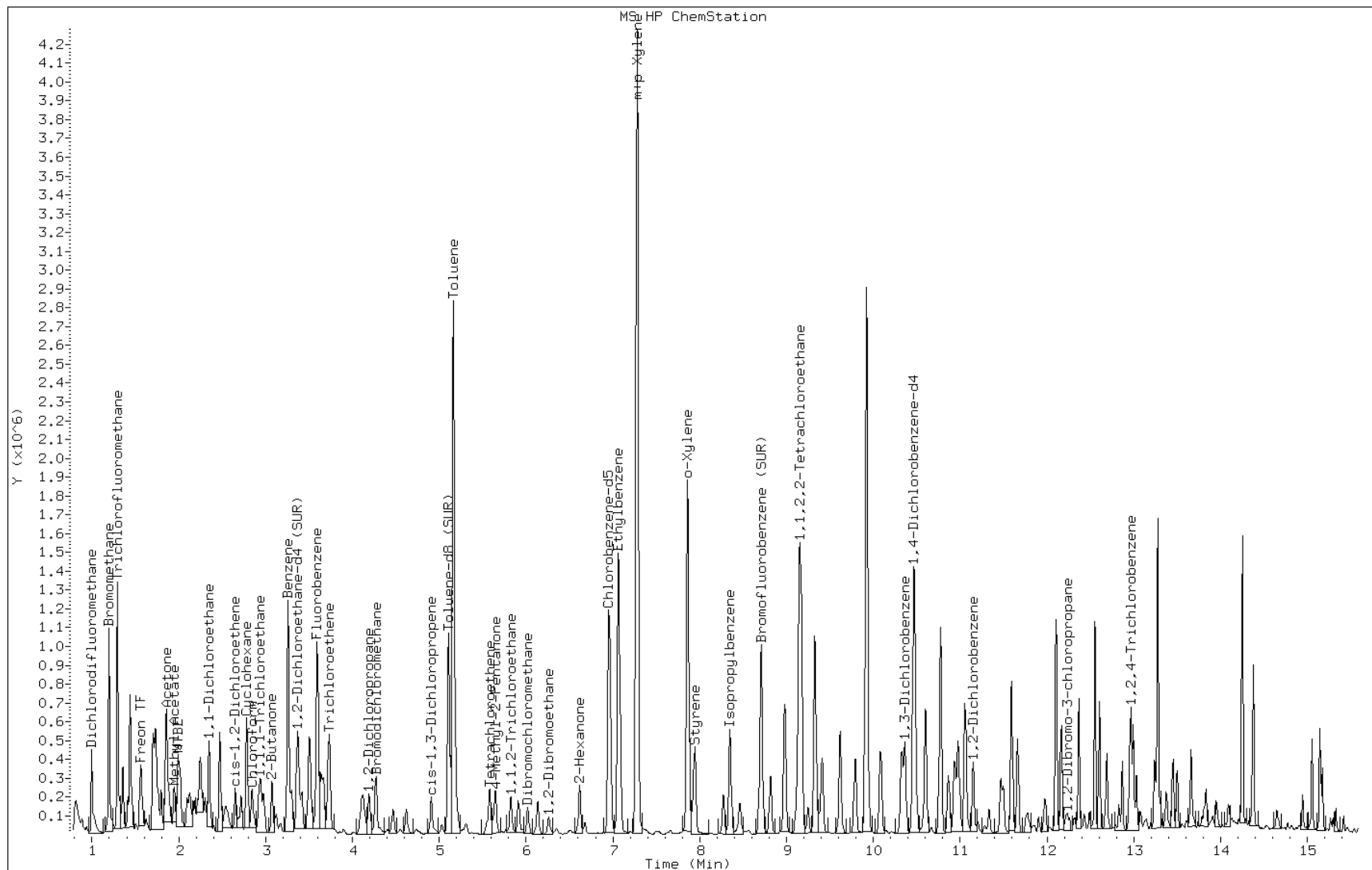
Date: 10-AUG-2012 13:39

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43270-B-1 MS;10

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MS
 Matrix: Water Lab File ID: e06680.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:02
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MS
 Matrix: Water Lab File ID: e06680.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:02
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

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

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06680.d
 Lab Smp Id: 460-43346-C-13 MS Client Smp ID: WG-17338-080912-VAS
 Inj Date : 13-AUG-2012 09:02
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-C-13 MS;10
 Misc Info : 460-43346-C-13
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 12 QC Sample: MS
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	60283	21.4671	210	
3 Chloromethane	50	1.010	1.010	(0.281)	63111	21.3511	210	
4 Vinyl Chloride	62	1.022	1.022	(0.284)	62940	22.2045	220	
6 Bromomethane	94	1.175	1.175	(0.327)	46988	21.3942	210	
5 Chloroethane	64	1.230	1.230	(0.342)	40344	22.6956	230	
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	128560	22.9079	230	
14 Freon TF	101	1.571	1.565	(0.437)	54462	16.8732	170	
15 1,1-Dichloroethene	96	1.553	1.547	(0.432)	43971	21.8304	220	
16 Acetone	58	1.882	1.888	(0.523)	3886	13.9848	140	
18 Carbon Disulfide	76	1.565	1.565	(0.435)	91561	9.65353	96(R)	
27 Methyl Acetate	74	1.955	1.955	(0.544)	8927	17.1109	170	
22 Methylene Chloride	49	1.857	1.857	(0.517)	66592	20.0899	200	
28 MTBE	73	2.016	2.016	(0.561)	189116	18.2279	180	
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	48688	19.1410	190	
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	110642	19.9926	200	
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	63960	21.3656	210	

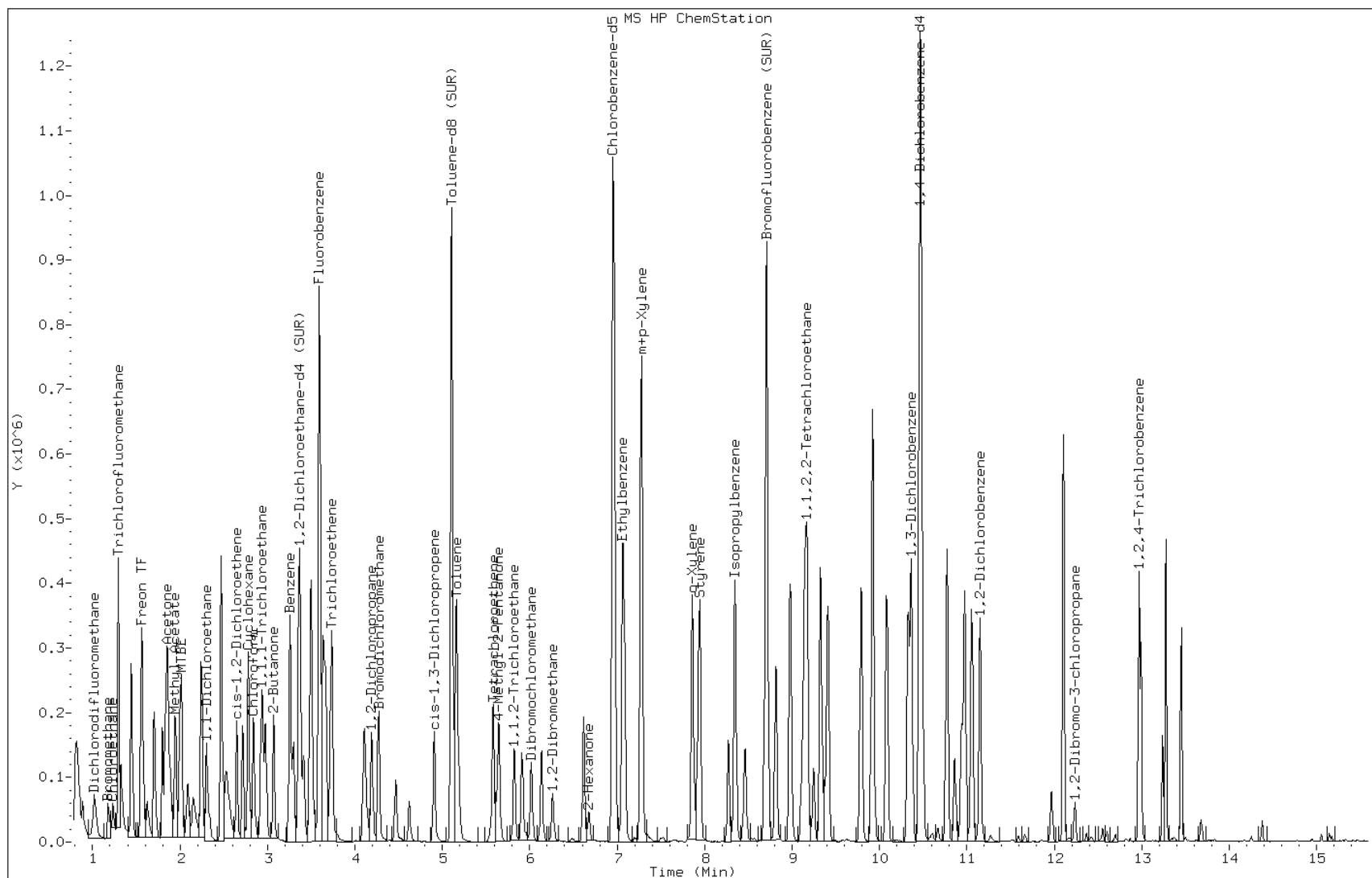
Data File: /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06680.d
 Report Date: 13-Aug-2012 09:44

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

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 MSD
 Matrix: Water Lab File ID: e06595.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 03:27
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	391		20	1.2
75-71-8	Dichlorodifluoromethane	519		20	4.4
74-87-3	Chloromethane	506		20	2.0
75-01-4	Vinyl chloride	459		20	2.8
74-83-9	Bromomethane	460		20	3.6
96-12-8	1,2-Dibromo-3-Chloropropane	366		20	8.0
95-50-1	1,2-Dichlorobenzene	378		20	4.2
75-69-4	Trichlorofluoromethane	486		20	3.0
75-35-4	1,1-Dichloroethene	414		20	1.8
78-87-5	1,2-Dichloropropane	376		20	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	376		20	1.6
67-64-1	Acetone	701		100	54
75-15-0	Carbon disulfide	322		20	2.6
79-20-9	Methyl acetate	342		40	6.8
75-09-2	Methylene Chloride	378		20	3.6
156-60-5	trans-1,2-Dichloroethene	371		20	2.6
124-48-1	Chlorodibromomethane	375		20	4.0
1634-04-4	Methyl tert-butyl ether	386		20	2.8
75-00-3	Chloroethane	588		20	3.4
75-34-3	1,1-Dichloroethane	410		20	2.6
156-59-2	cis-1,2-Dichloroethene	397		20	3.6
78-93-3	2-Butanone (MEK)	413		100	46
67-66-3	Chloroform	409		20	1.6
100-41-4	Ethylbenzene	2140		20	2.0
110-82-7	Cyclohexane	849		20	3.2
56-23-5	Carbon tetrachloride	366		20	1.2
71-43-2	Benzene	911		20	1.6
107-06-2	1,2-Dichloroethane	390		20	3.8
79-01-6	Trichloroethene	361		20	1.8
108-87-2	Methylcyclohexane	588		20	2.8
75-27-4	Dichlorobromomethane	396		20	2.4
10061-01-5	cis-1,3-Dichloropropene	373		20	3.6
108-10-1	4-Methyl-2-pentanone (MIBK)	389		100	20
108-88-3	Toluene	4030		20	3.0
10061-02-6	trans-1,3-Dichloropropene	381		20	4.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: WG-17338-080812-VAS3-MM21 Lab Sample ID: 460-43314-8 MSD
 Matrix: Water Lab File ID: e06595.d
 Analysis Method: 8260B Date Collected: 08/08/2012 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/11/2012 03:27
 Soil Aliquot Vol: _____ Dilution Factor: 20
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123597 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	411		20	3.8
127-18-4	Tetrachloroethene	365		20	2.0
591-78-6	2-Hexanone	325		100	10
106-93-4	1,2-Dibromoethane	381		20	5.6
108-90-7	Chlorobenzene	383		20	2.2
1330-20-7	Xylenes, Total	9180		60	7.2
100-42-5	Styrene	408		20	2.4
75-25-2	Bromoform	372		20	3.8
98-82-8	Isopropylbenzene	437		20	1.6
79-34-5	1,1,2,2-Tetrachloroethane	387		20	3.2
541-73-1	1,3-Dichlorobenzene	376		20	2.8
106-46-7	1,4-Dichlorobenzene	381		20	4.6
120-82-1	1,2,4-Trichlorobenzene	358		20	6.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
460-00-4	4-Bromofluorobenzene	100		70-130
2037-26-5	Toluene-d8 (Surr)	99		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06595.d
 Report Date: 11-Aug-2012 07:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06595.d
 Lab Smp Id: 460-43314-C-8MSD Client Smp ID: WG-17338-080812-VAS
 Inj Date : 11-AUG-2012 03:27
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43314-C-8MSD;20
 Misc Info : 460-43314-C-8MSD
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/8260DE_09.m
 Meth Date : 10-Aug-2012 21:54 martinez Quant Type: ISTD
 Cal Date : 10-AUG-2012 21:04 Cal File: e06580.d
 Als bottle: 17 QC Sample: MSD
 Dil Factor: 20.00000
 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	20.00000	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)	71831		25.9356	520
3 Chloromethane	50	0.998	1.010	(0.278)	94487		25.3109	510
4 Vinyl Chloride	62	1.022	1.022	(0.284)	77222		22.9640	460
6 Bromomethane	94	1.175	1.175	(0.327)	60807		22.9986	460
5 Chloroethane	64	1.230	1.230	(0.342)	56651		29.3883	590(R)
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	141462		24.2852	480
14 Freon TF	101	1.571	1.565	(0.437)	71333		18.8243	380
15 1,1-Dichloroethene	96	1.547	1.547	(0.430)	58910		20.6755	410
16 Acetone	58	1.888	1.894	(0.525)	11854		35.0332	700(R)
18 Carbon Disulfide	76	1.559	1.565	(0.434)	139708		16.0862	320
27 Methyl Acetate	74	1.961	1.961	(0.546)	12616		17.1104	340
22 Methylene Chloride	49	1.857	1.857	(0.517)	87499		18.9110	380
28 MTBE	73	2.016	2.016	(0.561)	250097		19.3110	390
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	67793		18.5328	370
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	154435		20.4830	410
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	87524		19.8639	400

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b/e06595.d
 Report Date: 11-Aug-2012 07:06

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)	13537	20.6506	410
42 Chloroform	83	2.845	2.839	(0.791)	158002	20.4341	410
44 Cyclohexane	56	2.778	2.778	(0.773)	232122	42.4665	850(R)
43 1,1,1-Trichloroethane	97	2.979	2.979	(0.829)	136596	19.5410	390
45 Carbon Tetrachloride	117	2.930	2.930	(0.815)	109246	18.2930	360
48 Benzene	78	3.260	3.254	(0.469)	700024	45.5362	910(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.363	3.357	(0.936)	282762	54.0776	54
49 1,2-Dichloroethane	62	3.418	3.412	(0.951)	111001	19.4809	390
* 52 Fluorobenzene	96	3.595	3.595	(1.000)	899407	50.0000	
54 Trichloroethene	95	3.741	3.735	(1.041)	75126	18.0723	360
56 Methyl cyclohexane	83	3.723	3.729	(1.036)	166875	29.3875	590(R)
57 1,2-Dichloropropane	63	4.192	4.192	(1.166)	71259	18.8126	380
68 Bromodichloromethane	83	4.272	4.272	(1.188)	114899	19.7872	400
67 cis-1,3-Dichloropropene	75	4.906	4.906	(0.705)	131051	18.6586	370
70 4-Methyl-2-Pentanone	43	5.625	5.625	(0.809)	67929	19.4633	390
\$ 65 Toluene-d8 (SUR)	98	5.107	5.107	(0.734)	861770	49.2773	49
66 Toluene	91	5.162	5.162	(0.742)	3788601	201.414	4000(R)
64 trans-1,3-Dichloropropene	75	5.649	5.649	(0.812)	128386	19.0379	380
69 1,1,2-Trichloroethane	83	5.826	5.820	(0.838)	60437	20.5645	410
71 Tetrachloroethene	166	5.582	5.582	(0.803)	98692	18.2603	360
73 2-Hexanone	43	6.680	6.680	(0.961)	46313	16.2684	320
74 Dibromochloromethane	129	6.021	6.015	(0.866)	94311	18.7420	370
77 1,2-Dibromoethane	107	6.265	6.259	(0.901)	73521	19.0677	380
* 78 Chlorobenzene-d5	117	6.954	6.954	(1.000)	764891	50.0000	
79 Chlorobenzene	112	6.972	6.972	(1.003)	254753	19.1264	380
81 Ethylbenzene	106	7.064	7.064	(1.016)	744597	107.158	2100(R)
82 m+p-Xylene	106	7.283	7.277	(1.047)	2796946	313.736	6300(R)
84 o-Xylene	106	7.862	7.862	(1.131)	1264082	145.015	2900(R)
85 Styrene	104	7.948	7.942	(1.143)	306084	20.3887	410
86 Bromoform	173	7.917	7.911	(1.139)	67779	18.6248	370
88 Isopropylbenzene	105	8.350	8.350	(1.201)	513419	21.8251	440
\$ 89 Bromofluorobenzene (SUR)	174	8.710	8.710	(0.832)	399579	49.8119	50
92 1,1,2,2-Tetrachloroethane	83	9.118	9.112	(0.871)	86319	19.3251	390
105 1,3-Dichlorobenzene	146	10.331	10.331	(0.987)	236165	18.7819	380
* 108 1,4-Dichlorobenzene-d4	152	10.466	10.466	(1.000)	469025	50.0000	
109 1,4-Dichlorobenzene	146	10.490	10.490	(1.002)	246002	19.0498	380
111 1,2-Dichlorobenzene	146	11.154	11.154	(1.066)	224308	18.9153	380
112 1,2-Dibromo-3-chloropropane	75	12.234	12.234	(1.169)	16676	18.3199	370
114 1,2,4-Trichlorobenzene	180	12.971	12.971	(1.239)	141132	17.8894	360
M 120 1,2-Dichloroethene (Total)	100				155317	38.3967	770
M 121 Xylene (Total)	100				4061028	458.752	9200(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06595.d

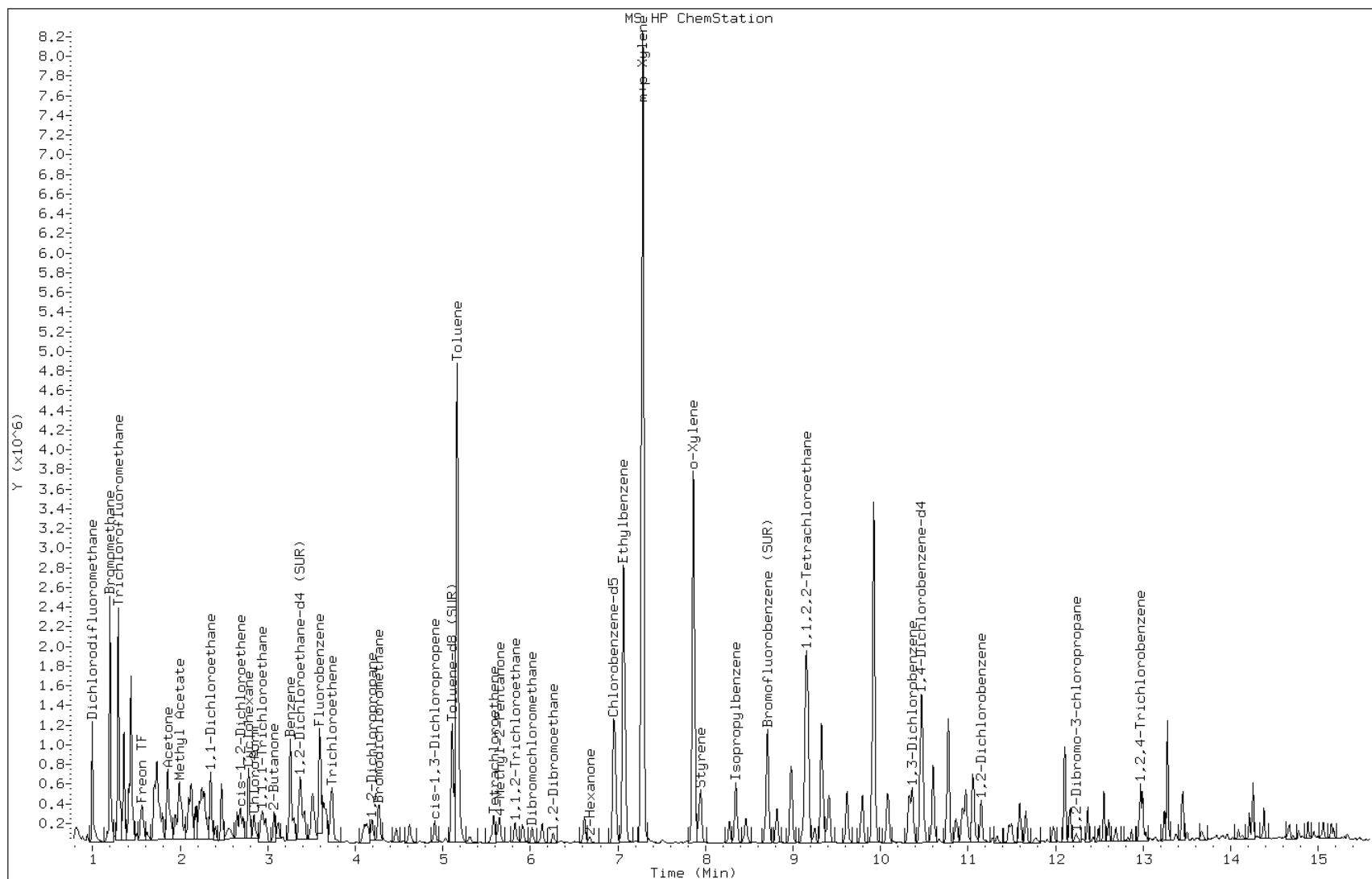
Date: 11-AUG-2012 03:27

Client ID: WG-17338-080812-VAS

Instrument: VOAMS5.i

Sample Info: 460-43314-C-8MSD;20

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43270-B-1 MSD
 Matrix: Water Lab File ID: e06565.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 14:02
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	181		10	0.60
75-71-8	Dichlorodifluoromethane	194		10	2.2
74-87-3	Chloromethane	210		10	1.0
75-01-4	Vinyl chloride	205		10	1.4
74-83-9	Bromomethane	205		10	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	210		10	4.0
95-50-1	1,2-Dichlorobenzene	180		10	2.1
75-69-4	Trichlorofluoromethane	200		10	1.5
75-35-4	1,1-Dichloroethene	206		10	0.90
78-87-5	1,2-Dichloropropane	195		10	0.90
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	197		10	0.80
67-64-1	Acetone	360		50	27
75-15-0	Carbon disulfide	184		10	1.3
79-20-9	Methyl acetate	205		20	3.4
75-09-2	Methylene Chloride	188		10	1.8
156-60-5	trans-1,2-Dichloroethene	184		10	1.3
124-48-1	Chlorodibromomethane	203		10	2.0
1634-04-4	Methyl tert-butyl ether	221		10	1.4
75-00-3	Chloroethane	217		10	1.7
75-34-3	1,1-Dichloroethane	193		10	1.3
156-59-2	cis-1,2-Dichloroethene	184		10	1.8
78-93-3	2-Butanone (MEK)	217		50	23
67-66-3	Chloroform	194		10	0.80
100-41-4	Ethylbenzene	609		10	1.0
110-82-7	Cyclohexane	395		10	1.6
56-23-5	Carbon tetrachloride	180		10	0.60
71-43-2	Benzene	659		10	0.80
107-06-2	1,2-Dichloroethane	187		10	1.9
79-01-6	Trichloroethene	182		10	0.90
108-87-2	Methylcyclohexane	357		10	1.4
75-27-4	Dichlorobromomethane	190		10	1.2
10061-01-5	cis-1,3-Dichloropropene	188		10	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	251		50	9.9
108-88-3	Toluene	1310		10	1.5
10061-02-6	trans-1,3-Dichloropropene	196		10	2.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43270-B-1 MSD
 Matrix: Water Lab File ID: e06565.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/10/2012 14:02
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123484 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	246		10	1.9
127-18-4	Tetrachloroethene	177		10	1.0
591-78-6	2-Hexanone	214		50	5.0
106-93-4	1,2-Dibromoethane	200		10	2.8
108-90-7	Chlorobenzene	183		10	1.1
1330-20-7	Xylenes, Total	2580		30	3.6
100-42-5	Styrene	187		10	1.2
75-25-2	Bromoform	200		10	1.9
98-82-8	Isopropylbenzene	213		10	0.80
79-34-5	1,1,2,2-Tetrachloroethane	219		10	1.6
541-73-1	1,3-Dichlorobenzene	175		10	1.4
106-46-7	1,4-Dichlorobenzene	175		10	2.3
120-82-1	1,2,4-Trichlorobenzene	171		10	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
460-00-4	4-Bromofluorobenzene	95		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06565.d
 Report Date: 10-Aug-2012 15:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06565.d
 Lab Smp Id: 460-43270-B-1MSD
 Inj Date : 10-AUG-2012 14:02
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43270-B-1;10MSD
 Misc Info :
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/8260DE_09.m
 Meth Date : 10-Aug-2012 09:14 audberto Quant Type: ISTD
 Cal Date : 10-AUG-2012 08:32 Cal File: e06551.d
 Als bottle: 15 QC Sample: MSD
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	71158	19.4176	190
3 Chloromethane	50	1.016	1.010	(0.283)	86369	21.0219	210
4 Vinyl Chloride	62	1.022	1.022	(0.284)	78649	20.4989	200
6 Bromomethane	94	1.175	1.175	(0.327)	57733	20.5499	200
5 Chloroethane	64	1.230	1.236	(0.342)	46384	21.6772	220
7 Trichlorofluoromethane	101	1.291	1.297	(0.359)	138758	20.0023	200
14 Freon TF	101	1.571	1.571	(0.437)	67023	19.6522	200
15 1,1-Dichloroethene	96	1.547	1.553	(0.430)	57316	20.6280	210
16 Acetone	58	1.888	1.894	(0.525)	12863	35.9679	360(R)
18 Carbon Disulfide	76	1.559	1.565	(0.434)	149071	18.3789	180
27 Methyl Acetate	74	1.961	1.961	(0.546)	12713	20.4719	200
22 Methylene Chloride	49	1.858	1.858	(0.517)	88462	18.7798	190
28 MTBE	73	2.016	2.016	(0.561)	250937	22.1153	220
25 trans-1,2-Dichloroethene	96	1.943	1.949	(0.540)	66236	18.4022	180
30 1,1-Dichloroethane	63	2.303	2.303	(0.640)	144318	19.2707	190
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	79781	18.4270	180

Data File: /chem/VOAMS5.i/8260DE/07-30-12/10aug12W.b/e06565.d
 Report Date: 10-Aug-2012 15:14

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)		13569	21.6866	220
42 Chloroform	83		2.845	2.845	(0.791)		147917	19.4036	190
44 Cyclohexane	56		2.778	2.784	(0.773)		195941	39.5046	400(R)
43 1,1,1-Trichloroethane	97		2.979	2.979	(0.829)		125938	18.0992	180
45 Carbon Tetrachloride	117		2.930	2.931	(0.815)		103619	18.0146	180
48 Benzene	78		3.260	3.260	(0.469)		958052	65.8530	660(R)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65		3.363	3.363	(0.936)		259341	52.4148	52
49 1,2-Dichloroethane	62		3.418	3.418	(0.951)		113752	18.7313	190
* 52 Fluorobenzene	96		3.595	3.595	(1.000)		869255	50.0000	
54 Trichloroethene	95		3.735	3.741	(1.039)		71658	18.1971	180
56 Methyl cyclohexane	83		3.729	3.729	(1.037)		179460	35.7123	360(R)
57 1,2-Dichloropropane	63		4.192	4.192	(1.166)		69518	19.5218	200
68 Bromodichloromethane	83		4.272	4.272	(1.188)		106820	18.9997	190
67 cis-1,3-Dichloropropene	75		4.906	4.906	(0.705)		124668	18.7998	190
70 4-Methyl-2-Pentanone	43		5.625	5.625	(0.809)		68880	25.1070	250(R)
\$ 65 Toluene-d8 (SUR)	98		5.107	5.107	(0.734)		831137	48.3295	48
66 Toluene	91		5.162	5.162	(0.742)		2355234	130.851	1300(R)
64 trans-1,3-Dichloropropene	75		5.649	5.650	(0.812)		122806	19.6044	200
69 1,1,2-Trichloroethane	83		5.826	5.826	(0.838)		65999	24.6405	250(R)
71 Tetrachloroethene	166		5.582	5.582	(0.803)		90686	17.7351	180
73 2-Hexanone	43		6.680	6.680	(0.961)		50549	21.3773	210
74 Dibromochloromethane	129		6.021	6.015	(0.866)		92396	20.2917	200
77 1,2-Dibromoethane	107		6.265	6.259	(0.901)		71417	20.0328	200
* 78 Chlorobenzene-d5	117		6.954	6.954	(1.000)		736854	50.0000	
79 Chlorobenzene	112		6.972	6.972	(1.003)		236778	18.3325	180
81 Ethylbenzene	106		7.064	7.064	(1.016)		408472	60.9010	610(R)
82 m+p-Xylene	106		7.283	7.277	(1.047)		1547833	179.766	1800(R)
84 o-Xylene	106		7.862	7.862	(1.131)		665642	78.6615	790(R)
85 Styrene	104		7.942	7.942	(1.142)		275834	18.7006	190
86 Bromoform	173		7.917	7.911	(1.139)		66296	20.0451	200
88 Isopropylbenzene	105		8.350	8.350	(1.201)		489592	21.3135	210
\$ 89 Bromofluorobenzene (SUR)	174		8.710	8.710	(0.832)		383428	47.5337	48
92 1,1,2,2-Tetrachloroethane	83		9.118	9.112	(0.871)		88598	21.9002	220
105 1,3-Dichlorobenzene	146		10.331	10.332	(0.987)		215070	17.5107	180
* 108 1,4-Dichlorobenzene-d4	152		10.466	10.466	(1.000)		460591	50.0000	
109 1,4-Dichlorobenzene	146		10.490	10.490	(1.002)		223212	17.5452	180
111 1,2-Dichlorobenzene	146		11.155	11.148	(1.066)		208948	17.9615	180
112 1,2-Dibromo-3-chloropropane	75		12.234	12.234	(1.169)		17241	21.0486	210
114 1,2,4-Trichlorobenzene	180		12.971	12.971	(1.239)		126304	17.1334	170
M 120 1,2-Dichloroethene (Total)	100						146017	36.8292	370
M 121 Xylene (Total)	100						2213475	258.428	2600(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06565.d

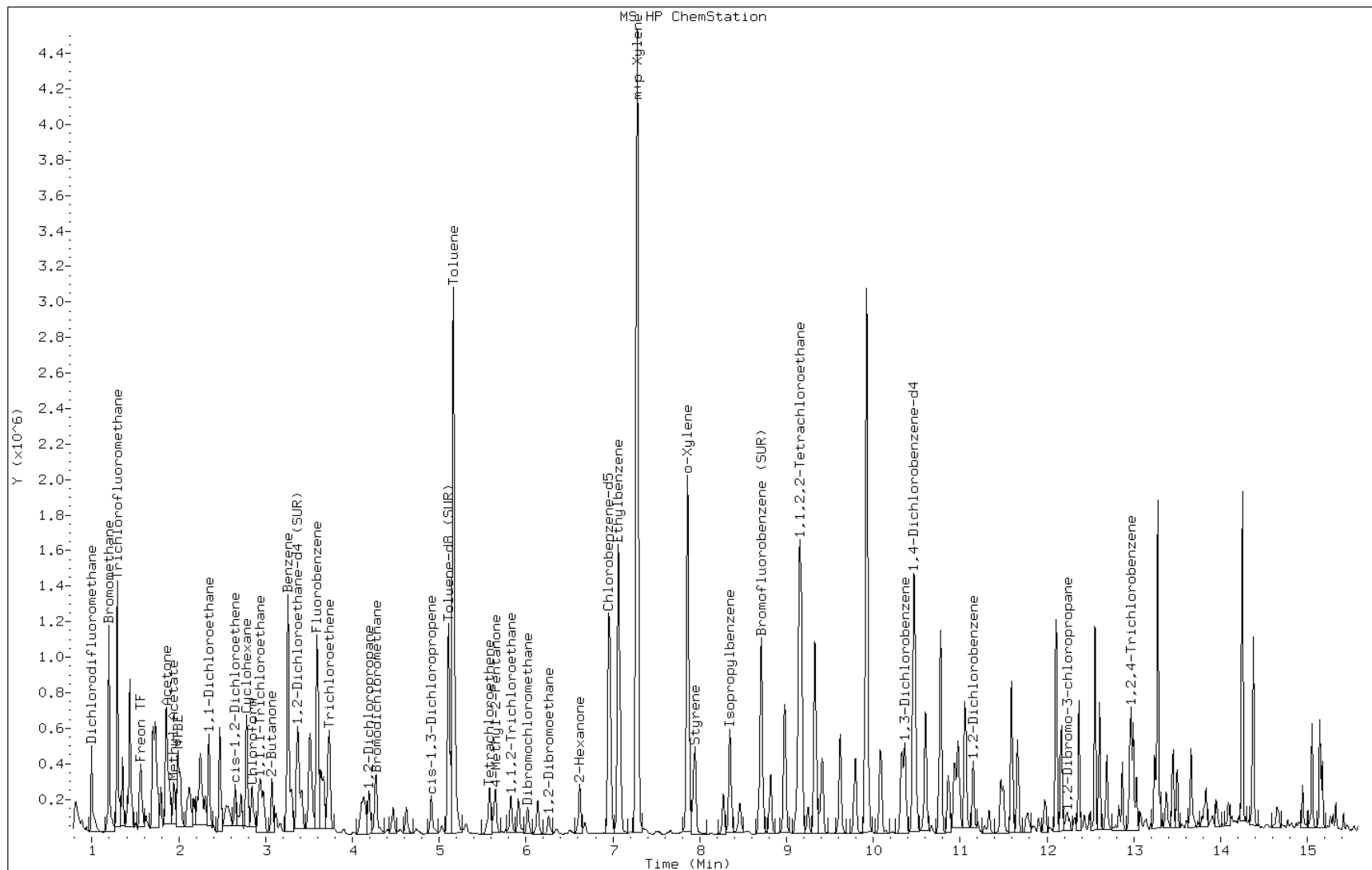
Date: 10-AUG-2012 14:02

Client ID:

Instrument: VOAMS5.i

Sample Info: 460-43270-B-1;10MSD

Operator: GC/MS VOAMS5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

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

Matrix: Water Lab File ID: e06681.d

Analysis Method: 8260B Date Collected: _____

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

Soil Aliquot Vol: _____ Dilution Factor: 10

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

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

Analysis Batch No.: 123702 Units: ug/L

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-43314-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-43346-C-13 MSD
 Matrix: Water Lab File ID: e06681.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 08/13/2012 09:25
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: Rtx-VMS ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 123702 Units: ug/L

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

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

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

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/e06681.d
 Lab Smp Id: 460-43346-C-13 MSD Client Smp ID: WG-17338-080912-VAS
 Inj Date : 13-AUG-2012 09:25
 Operator : GC/MS VOAMS5 Inst ID: VOAMS5.i
 Smp Info : 460-43346-C-13 MSD;10
 Misc Info : 460-43346-C-13
 Comment :
 Method : /chem/VOAMS5.i/8260DE/07-30-12/13aug12.b/8260DE_09.m
 Meth Date : 13-Aug-2012 05:02 audberto Quant Type: ISTD
 Cal Date : 13-AUG-2012 04:45 Cal File: e06669.d
 Als bottle: 13 QC Sample: MSD
 Dil Factor: 10.00000
 Integrator: HP RTE Compound Sublist: HSLDEL.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	0.888	0.888	(0.247)	59366	21.5092	220
3 Chloromethane	50	1.010	1.010	(0.281)	61812	21.2762	210
4 Vinyl Chloride	62	1.022	1.022	(0.284)	59961	21.5226	220
6 Bromomethane	94	1.175	1.175	(0.327)	46609	21.5919	220
5 Chloroethane	64	1.229	1.230	(0.342)	41289	23.6324	240
7 Trichlorofluoromethane	101	1.297	1.297	(0.361)	123908	22.4640	220
14 Freon TF	101	1.565	1.565	(0.435)	53376	16.8252	170
15 1,1-Dichloroethene	96	1.546	1.547	(0.430)	44457	22.4569	220
16 Acetone	58	1.888	1.888	(0.525)	6282	23.0041	230
18 Carbon Disulfide	76	1.565	1.565	(0.435)	93440	10.0234	100(R)
27 Methyl Acetate	74	1.955	1.955	(0.544)	9700	18.9182	190
22 Methylene Chloride	49	1.857	1.857	(0.517)	67676	20.7729	210
28 MTBE	73	2.016	2.016	(0.561)	191930	18.8216	190
25 trans-1,2-Dichloroethene	96	1.943	1.943	(0.540)	49671	19.8679	200
30 1,1-Dichloroethane	63	2.302	2.303	(0.640)	108926	20.0257	200
36 cis-1,2-Dichloroethene	96	2.650	2.650	(0.737)	62607	21.2785	210

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

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: e06681.d

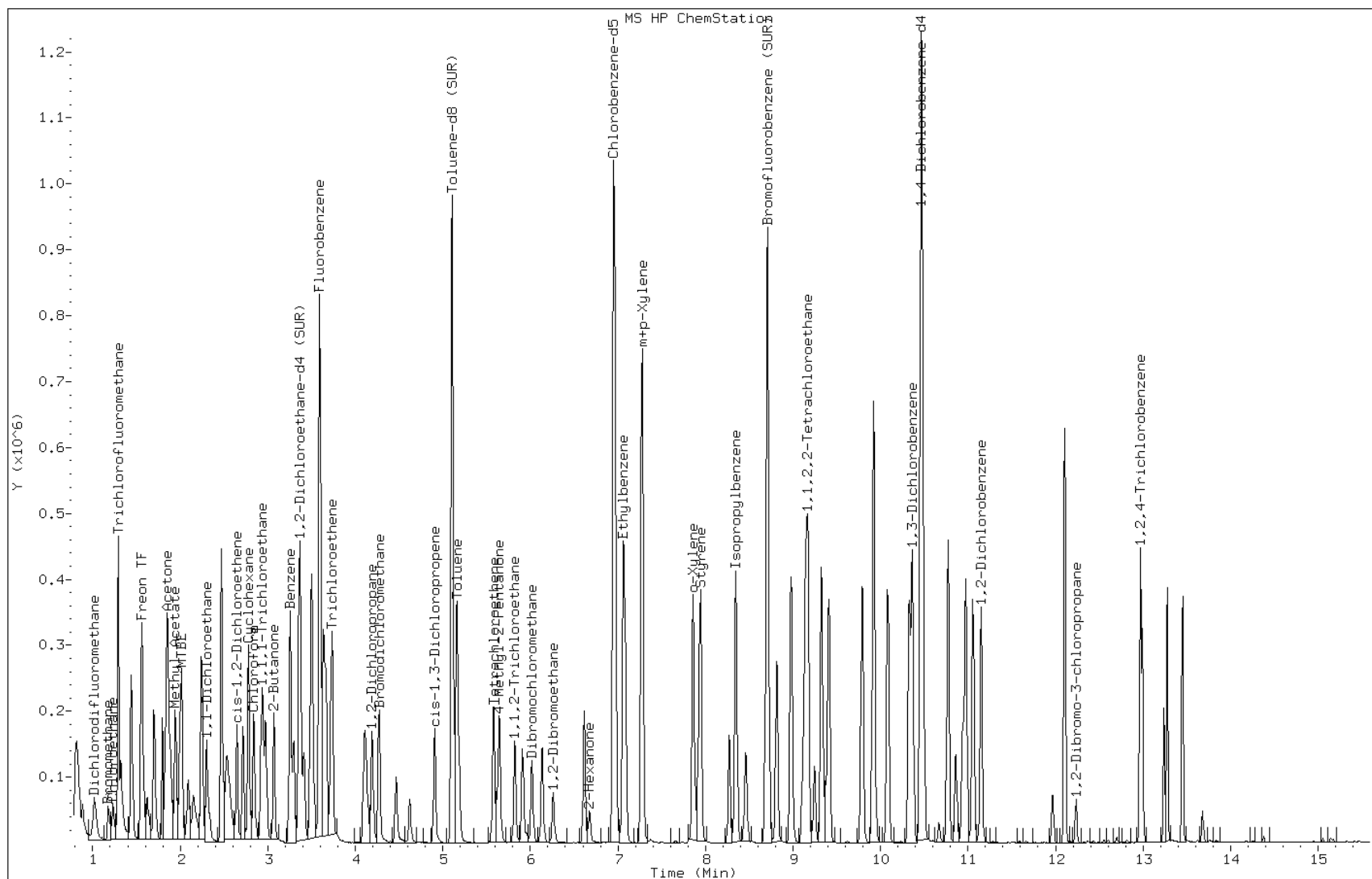
Date: 13-AUG-2012 09:25

Client ID: WG-17338-080912-VAS

Instrument: VOAMS5.i

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

Operator: GC/MS VOAMS5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43314-1

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.: 460-43314-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/10/2012 07:53Analysis Batch Number: 123484 End Date: 08/10/2012 19:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123484/1		08/10/2012 07:53	1	e06550.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123484/2		08/10/2012 08:32	1	e06551.d	Rtx-VMS 0.18 (mm)
LCS 460-123484/3		08/10/2012 08:57	1	e06552.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 09:21	1		Rtx-VMS 0.18 (mm)
MB 460-123484/4		08/10/2012 10:07	1	e06555.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 12:05	5		Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 12:29	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 12:52	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 13:15	2		Rtx-VMS 0.18 (mm)
460-43270-B-1 MS		08/10/2012 13:39	10	e06564.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 14:02	10		Rtx-VMS 0.18 (mm)
460-43270-B-1 MSD		08/10/2012 14:02	10	e06565.d	Rtx-VMS 0.18 (mm)
460-43314-1 DL	WG-17338-080812-VAS1-MM204 DL	08/10/2012 15:30	5	e06568.d	Rtx-VMS 0.18 (mm)
460-43314-2 DL	WG-17338-080812-VAS1-MM205 DL	08/10/2012 15:54	2	e06569.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 16:41	5		Rtx-VMS 0.18 (mm)
460-43314-5 DL	WG-17338-080812-VAS3-MM208 DL	08/10/2012 17:04	10	e06572.d	Rtx-VMS 0.18 (mm)
460-43314-6 DL	WG-17338-080812-VAS3-MM209 DL	08/10/2012 17:27	10	e06573.d	Rtx-VMS 0.18 (mm)
460-43314-7 DL	WG-17338-080812-VAS3-MM210 DL	08/10/2012 17:51	20	e06574.d	Rtx-VMS 0.18 (mm)
CCV 460-123484/17		08/10/2012 19:01	1	e06577.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/10/2012 20:08Analysis Batch Number: 123597 End Date: 08/11/2012 06:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123597/1		08/10/2012 20:08	1	e06578.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123597/2		08/10/2012 21:04	1	e06580.d	Rtx-VMS 0.18 (mm)
LCS 460-123597/3		08/10/2012 21:28	1	e06581.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/10/2012 22:03	1		Rtx-VMS 0.18 (mm)
MB 460-123597/5		08/10/2012 23:22	1	e06585.d	Rtx-VMS 0.18 (mm)
460-43314-3 DL	WG-17338-080812-VAS1-MM206 DL	08/11/2012 01:53	5	e06591.d	Rtx-VMS 0.18 (mm)
460-43314-8 DL	WG-17338-080812-VAS3-MM211 DL	08/11/2012 02:17	20	e06592.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/11/2012 02:40	5		Rtx-VMS 0.18 (mm)
460-43314-8 MS	WG-17338-080812-VAS3-MM211 MS	08/11/2012 03:03	20	e06594.d	Rtx-VMS 0.18 (mm)
460-43314-8 MSD	WG-17338-080812-VAS3-MM211 MSD	08/11/2012 03:27	20	e06595.d	Rtx-VMS 0.18 (mm)
460-43314-9	TB-17338-212	08/11/2012 05:23	1	e06600.d	Rtx-VMS 0.18 (mm)
460-43314-1	WG-17338-080812-VAS1-MM204	08/11/2012 05:46	1	e06601.d	Rtx-VMS 0.18 (mm)
CCV 460-123597/13		08/11/2012 06:33	1	e06603.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

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

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123702/1		08/13/2012 03:54	1	e06668.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123702/2		08/13/2012 04:45	1	e06669.d	Rtx-VMS 0.18 (mm)
LCS 460-123702/3		08/13/2012 05:08	1	e06670.d	Rtx-VMS 0.18 (mm)
MB 460-123702/4		08/13/2012 06:41	1	e06674.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 07:05	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 07:28	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 07:51	1		Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 08:38	1		Rtx-VMS 0.18 (mm)
460-43346-C-13 MS		08/13/2012 09:02	10	e06680.d	Rtx-VMS 0.18 (mm)
460-43346-C-13 MSD		08/13/2012 09:25	10	e06681.d	Rtx-VMS 0.18 (mm)
460-43314-2	WG-17338-080812-VAS1-MM205	08/13/2012 12:55	1	e06690.d	Rtx-VMS 0.18 (mm)
460-43314-4	WG-17338-080812-VAS1-MM207	08/13/2012 13:18	1	e06691.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/13/2012 13:41	1		Rtx-VMS 0.18 (mm)
460-43314-5	WG-17338-080812-VAS3-MM208	08/13/2012 14:05	2	e06693.d	Rtx-VMS 0.18 (mm)
460-43314-7	WG-17338-080812-VAS3-MM210	08/13/2012 14:51	5	e06695.d	Rtx-VMS 0.18 (mm)
460-43314-6	WG-17338-080812-VAS3-MM209	08/13/2012 15:14	1	e06696.d	Rtx-VMS 0.18 (mm)
460-43314-8	WG-17338-080812-VAS3-MM211	08/13/2012 15:38	5	e06697.d	Rtx-VMS 0.18 (mm)
CCV 460-123702/18		08/13/2012 16:25	1	e06699.d	Rtx-VMS 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-43314-1

SDG No.: _____

Instrument ID: VOAMS5 Start Date: 08/13/2012 18:23Analysis Batch Number: 123852 End Date: 08/14/2012 04:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-123852/1		08/13/2012 18:23	1	e06700.d	Rtx-VMS 0.18 (mm)
CCVIS 460-123852/2		08/13/2012 19:08	1	e06702.d	Rtx-VMS 0.18 (mm)
LCS 460-123852/3		08/13/2012 19:50	1	e06703.d	Rtx-VMS 0.18 (mm)
LCSD 460-123852/4		08/13/2012 20:13	1	e06704.d	Rtx-VMS 0.18 (mm)
MB 460-123852/5		08/13/2012 21:38	1	e06707.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 01:54	25		Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 02:17	5		Rtx-VMS 0.18 (mm)
460-43314-4 DL	WG-17338-080812-VAS1-MM207 DL	08/14/2012 02:17	5	e06719.d	Rtx-VMS 0.18 (mm)
ZZZZZ		08/14/2012 02:40	1		Rtx-VMS 0.18 (mm)
460-43314-3	WG-17338-080812-VAS1-MM206	08/14/2012 02:40	1	e06720.d	Rtx-VMS 0.18 (mm)
CCV 460-123852/9		08/14/2012 04:43	1	e06725.d	Rtx-VMS 0.18 (mm)

121792

Date	Data File	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	C
07/30/12 0434	e05999.d	2	ICIS-VMCAL3		5	0	1	HSDEL		8260 IS- SRR 500: 16068561	C
07/30/12 0631	e06003.d	6	IC-VMCAL4		5	0	1	HSDEL		SRR 250: 160685500 160685504 160685500 160685504	C
07/30/12 0655	e06004.d	7	IC-VMCAL5		5	0	1	HSDEL		160685500 160685500 160685500	C
07/30/12 0718	e06005.d	8	IC-VMCAL6		5	0	1	HSDEL		160685500 160685500 160685500	C
07/30/12 0852	e06009.d	12	IC-VMCAL2		5	0	1	HSDEL		160685500 160685500 160685500	C
07/30/12 0939	e06010.d	14	IC-VMCAL1		5	0	1	HSDEL		160685500 160685500 160685500	C

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

1606887
1606899
1606889
mch
160611

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/10aug12w.b

Date Generated: 08/10/2012

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/10/12 0753	e06550.d	2	BFB		0	0	1			8260 HIGH	
08/10/12 0832	e06551.d	1	CCVIS		5	0	1			8260 IS: 163377 SURR 500:	L
08/10/12 0857	e06552.d	2	LCS		5	0	1			SURR 250: 163378 GAS 500: 1670840 MIX 1 500: 1633898 MIX 2 500: 1633906 MIX 3: 1633915 ACIAC: 1633922 GAS SP: 1670841 8260 SP: 1633928 MIX 3 SP: 1633931 ACIAC SP: 1633933 MISC: 1633935 BFB: 1604918 MISC: 5104	L
08/10/12 0944	e06554.d	4	MB		5	0	1				L (not required)
08/10/12 1007	e06555.d	5	MB		5	0	1				Mu clean up
08/10/12 1205	e06560.d	10	460-43270-B-1		5	0	5				L
08/10/12 1229	e06561.d	11	460-43270-B-2		5	0	1				L
08/10/12 1252	e06562.d	12	460-43270-B-3		5	0	1				L
08/10/12 1315	e06563.d	13	460-43270-B-4		5	0	2				L
08/10/12 1339	e06564.d	14	460-43270-B-1 MS		5	0	10				L
08/10/12 1402	e06565.d	15	460-43270-B-1MSD		5	0	10				L
08/10/12 1426	e06566.d	16	BLANK		5	0	1				L
08/10/12 1452	e06567.d	17	460-43314-B-9	TR-17338-212	5	0	1				L

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i
Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b

Date Generated: 08/11/2012
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
08/10/12 2008	e06578.d	2	BFB		0	0	1			all	
08/10/12 2041	e06579.d	1	PRIMER		5	0	1			HSLDEL	
08/10/12 2104	e06580.d	2	CCVIS		5	0	1			HSLDEL	
08/10/12 2128	e06581.d	3	LCS		5	0	1			HSLDEL	
08/10/12 2203	e06582.d	4	LCSD		5	0	1			HSLDEL	
08/10/12 2235	e06583.d	5	MB		5	0	1			HSLDEL	
08/10/12 2259	e06584.d	6	MB		5	0	1			HSLDEL	
08/10/12 2322	e06585.d	7	MB		5	0	1			HSLDEL	
08/11/12 0153	e06591.d	13	460-43314-C-3		5	0	5			HSLDEL	
08/11/12 0217	e06592.d	14	460-43314-C-8		5	0	20			HSLDEL	
08/11/12 0240	e06593.d	15	460-43314-A-6		5	0	5			HSLDEL	
08/11/12 0303	e06594.d	16	460-43314-C-8MS		5	0	20			HSLDEL	
08/11/12 0327	e06595.d	17	460-43314-C-8MSD		5	0	20			HSLDEL	
08/11/12 0437	e06598.d	20	blank		5	0	1			HSLDEL	

123597

8260 HIGH
1663671
SURR 500:
SURR 250:
1663678
GAS 500:
1670840
MIX 1 500:
1661944
MIX 2 500:
1663406
MIX 3:
1663405
ACIAC:
1663022
GAS SP:
1670841
8260 SP:
1663409
MIX 3 SP:
1663401
ACIAC SP:
1663423
MISC:
846
1606918
4424
51329
1663025
1663026

Report as Secondary

Does not match 8/14/12

NG- see 10X

cleanup

Dilution: 5X - 10mL → 50mL F.V.
20x .25mL → ↓

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

Analytical Batch: /chem/VOAMS5.i/8260DE/07-30-12/10aug12WA.b

Date Generated: 08/11/2012

Page 2

Date	Data File	AUS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
08/11/12 0500	e06599.d	21	blank		5	0	1	HSIDEL			
08/11/12 0523	e06600.d	22	460-43314-B-9	TB-17338-212	5	0	1	HSIDEL	42		cleanup
08/11/12 0546	e06601.d	23	460-43314-C-1	WG-17338-080812-VAS	5	0	1	HSIDEL	42		G, see D1 e0656.d
08/11/12 0610	e06602.d	24	CCV		5	0	1	HSIDEL			NG
08/11/12 0633	e06603.d	25	CCV		5	0	1	HSIDEL			G

Signed: Samuel Davis for edie Read and Understood by: Samuel Davis

Date: 08/11/12

Date: 08/11/12

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.i

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

Date Generated: 08/14/2012

Page 1

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

123103

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1

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

Date Generated: 08/14/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
08/13/12 1318	e06691.d	23	460-43314-C-4	WG-17338-080812-VAS	5	0	1	HSLDEL	L2		
08/13/12 1341	e06692.d	24	BLANK		5	0	1	HSLDEL			
08/13/12 1405	e06693.d	25	460-43314-C-5	WG-17338-080812-VAS	5	0	2	HSLDEL			NU clean up
08/13/12 1428	e06694.d	26	BLANK		5	0	1	HSLDEL	L2		
08/13/12 1451	e06695.d	27	460-43314-C-7	WG-17338-080812-VAS	5	0	5	HSLDEL			NU clean up
08/13/12 1514	e06696.d	28	460-43314-C-6	WG-17338-080812-VAS	5	0	1	HSLDEL	L2		
08/13/12 1538	e06697.d	29	460-43314-B-8	WG-17338-080812-VAS	5	0	5	HSLDEL			
08/13/12 1601	e06698.d	29	CCV		5	0	1	HSLDEL	L2		
08/13/12 1625	e06699.d	30	CCV		5	0	1	HSLDEL			

Dilutions: 2x - 25ul + 50ul FV

5x - 10ul + 50ul FV

10x - 5ul + 50ul FV

Signed: *Ellie Meyer for AT*

Read and Understood by:

Sam Boykin

Date: *08/14/12*

Date: *08/14/12*

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS5.1
Analytical Batch: /chem/VOAMS5.1/8260DE/07-30-12/13aug12MA.b

Date Generated: 08/14/2012
Page 1

123852

Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD	COMMENTS
08/13/12 1823	e06700.d	2	BFB		0	0	1			8260 HIGH	
08/13/12 1908	e06702.d	2	CCVIS		5	0	1			1663677 SUPR 250: SUPR 500:	C
08/13/12 1950	e06703.d	3	LCS		5	0	1			1663628 SUPR 250: SUPR 500:	C
08/13/12 2013	e06704.d	4	LCSD		5	0	1			1670840 SUPR 250: SUPR 500:	C
08/13/12 2138	e06707.d	7	MB		5	0	1			1663006 SUPR 250: SUPR 500:	C
08/14/12 0154	e06718.d	18	460-460-43314-C-8		5	0	25			1663022 SUPR 250: SUPR 500:	C
08/14/12 0217	e06719.d	19	460-460-43314-B-4		5	0	5			1663021 SUPR 250: SUPR 500:	C
08/14/12 0240	e06720.d	20	460-460-43314-C-3		5	0	1			1663023 SUPR 250: SUPR 500:	C
08/14/12 0414	e06724.d	24	CCV		5	0	1			1663025 SUPR 250: SUPR 500:	C
08/14/12 0443	e06725.d	25	CCV		5	0	1			1663026 SUPR 250: SUPR 500:	C

Signed: Andr  o for Eddie Read and Understood by: A. Supracel.

Date: 08/14/12 Date: 08/14/12

5X → 10 mL → 50 mL FV.
25X → 2.0 mL → 50 mL 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) <i>CHAS BORDEN</i>		Samplers Name (Printed) <i>M. MYLET</i>		Site/Project Identification <i>FORMER G.M.</i>	
Company <i>CEA</i>		P.O. # <i>017338</i>		State (Location of site): NJ: ☐ NY: ☐ Other: <i>DE</i>	
Address <i>700 DELAWARE AVE</i>		Analysis Turnaround Time Standard ☐ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☒ <i>3 DAY</i>		Regulatory Program: <i>DNREC</i>	
City <i>RIDGECR</i>	State <i>NY</i>				
Phone <i>716-856-2142</i>	Fax				

Sample Identification	Date	Time	Matrix	No. of Cont.	LAB USE ONLY Project No:	Job No: <i>4334</i>
<i>WG-17338-080812-VAS-MM-207</i>	<i>8/8/12</i>	<i>10:05</i>	<i>AGU</i>	<i>3</i>		<i>1</i>
<i>WG-17338-080812-VAS-MM-208</i>	<i>8/8/12</i>	<i>10:15</i>				<i>2</i>
<i>WG-17338-080812-VAS-MM-209</i>	<i>8/8/12</i>	<i>10:15</i>				<i>3</i>
<i>WG-17338-080812-VAS-MM-210</i>	<i>8/8/12</i>	<i>10:15</i>				<i>4</i>
<i>WG-17338-080812-VAS-MM-211</i>	<i>8/8/12</i>	<i>10:15</i>				<i>5</i>
<i>WG-17338-080812-VAS-MM-212</i>	<i>8/8/12</i>	<i>10:15</i>				<i>6</i>
<i>WG-17338-080812-VAS-MM-213</i>	<i>8/8/12</i>	<i>10:15</i>				<i>7</i>
<i>WG-17338-080812-VAS-MM-214</i>	<i>8/8/12</i>	<i>10:15</i>				<i>8</i>
<i>WG-17338-080812-VAS-MM-215</i>	<i>8/8/12</i>	<i>10:15</i>				<i>9</i>

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

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by <i>Monica Mott</i>	Company <i>CEA</i>	Date / Time <i>8/8/12</i>	Received by <i>F. Borden</i>	Company <i>CEA</i>
Relinquished by <i>F. Borden</i>	Company <i>CEA</i>	Date / Time <i>8-8-12</i>	Received by <i>John Borden</i>	Company <i>CEA</i>
Relinquished by <i>John Borden</i>	Company <i>TA</i>	Date / Time <i>8/8/12</i>	Received by <i>CE</i>	Company <i>TA</i>
Relinquished by <i>John Borden</i>	Company <i>TA</i>	Date / Time <i>8/8/12</i>	Received by <i>CE</i>	Company <i>TA</i>

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 (0406)

3-Day RUSH

613 of 614

08/15/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-43314-1

Login Number: 43314

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	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	1.1° C IR#50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.