Environmental
Engineers & Scientists, P.C.

September 15, 2010

Michael T. Kontaxis, P.E.
Manager, Environmental Technology
Wyeth Pharmaceuticals
401 N. Middletown Road
Pearl River, New York 10965

WYET.008.002.03

Subject: Long-Term Monitoring Program
Wyeth Pearl River Site

Dear Mr. Kontaxis:

This letter presents a summary report of the most recent laboratory results for groundwater collected from long-term groundwater monitoring wells MW-96-13 and MW-99B. These wells were sampled on May 4, 2010 in accordance with the "RCRA Corrective Action Program, Solid Waste Management Units, Work-Plan for Long-Term Monitoring Program, Wyeth Pearl River Facility, Pearl River, New York" dated December 2005.

This is the tenth round of the Long-Term semi-annual groundwater sampling program that was approved by the New York State Department of Environmental Conservation (NYSDEC) in their letter to Wyeth dated October 14, 2005, in reference to Final Corrective Measure for Solid Waste Management Units. The first sampling under this program was conducted on December 12, 2005, and annual reports for 2006, 2007, 2008 and 2009 have been previously submitted to NYSDEC.

The locations of the two long-term wells are shown on Figure 1. Table 1 presents a summary of the volatile organic compounds analyzed for the two monitoring well samples, the trip blank, and the field duplicate sample collected on May 4, 2010. The results indicate that three compounds were detected above NYSDEC Class GA Groundwater Standards (GWQS). 1,2-Dichloroethane (shown in **BOLD**) was detected in MW-99B above GWQS. As presented in Figure 2 (lower right plot), this result is consistent with the previous seven sampling results, and the concentration continues to remain fairly constant. Vinyl chloride (shown in **BOLD**) was detected in MW-99B above GWQS. The level of vinyl chloride detected is consistent with six out of seven previously recorded levels (Figure 2; lower left plot).

The results from MW-96-13 (and its duplicate) indicate that only Trichloroethene (shown in **BOLD**) was detected above the NYSDEC Class GA Groundwater Standards (GWQS). As Trichloroethene has a prior history of lower results followed by concentrations detected above the GWQS, no statement can be made at this time (Figure 2; upper right plot).

1,1-Dichloroethane, 1,1,1-Trichloroethane and 1,2-Dichloroethane continue to remain below GWQS in MW-96-13 (Figure 2; upper right, middle left and middle right plots respectively). These compounds were previously detected above GWQS in MW-96-13, but have remained below GWQS for seven or more sampling events.

Data validation using USEPA functional guidelines and other USEPA guidance documents, and the provisions of the NYSDEC ASP, will be conducted for this and the October 2010 sampling event and presented with the full data deliverables in the 2010 annual report. The annual report will include analytical results for both the May and October 2010 sampling events, and will include all data validation reports, as well as graphs indicating groundwater quality trends for the contaminants of concern.

If you have any questions regarding the results of the groundwater sampling, please feel free to contact Dennis Scannell at (201) 529-5151 ext. 7171.

Very truly yours,

HYDROQUAL ENVIRONMENTAL
ENGINEERS & SCIENTISTS, P.C.

Joseph G. Cleary, P.E., BCEE

Dennis E. Scannell

JGC:DES/lkj
WYET.008.002.03\KONTAXIS15SEPT10LTR
Attachments

c: Thomas Donohue, Pfizer

Figure 1

Location of Wyeth Pearl River Long-Term Monitoring Wells

HydroGeo
1200 MacArthur Boulevard
Mahwah, New Jersey 07430
(201) 529-5151

500 250 0 500 Feet

MW-99B

MW-96-13

SANITARY LANDFILL STAGE-3A

SEQUENCE #1

SANITARY LANDFILL STAGE - 1

SANITARY LANDFILL STAGE - 2

SANITARY LANDFILL STAGE - 2A

LAND OF AMERICAN CYANAMID

ORANGE AND ROCKLAND SUBSTATION

BAYLISS ROAD

CAKE COMPOSTING AREA

SLUDGE COMPOSTING AREA

FINISHED COMPOST STORAGE AREA

TOWN OF CLARKSTOWN

TOWN OF ORANGETOWN

NEW JERSEY DEPARTMENT OF TRANSPORTATION R.R.

EASEMENT ORANGE AND ROCKLAND UTILITIES

PARKING

KOCH WAY

LEBEL ROAD

FINLAY WAY

EWING WAY

DRAPER WAY

CURIE WAY

BANTING WAY

GORGAS WAY

SPDES SAMPLE POINT N-000-4600-001

SPDES SAMPLE POINT NY-000-4600-002

WELL 66C (CAPPED)

WELL 66F (CAPPED)

SOUTH PARKING AREA

CENTRAL PARKING AREA

NORTH PARKING AREA

TABLE 1. WYETH - PEARL RIVER
LONG-TERM SEMI-ANNUAL GROUNDWATER MONITORING PROGRAM
SAMPLING CONDUCTED MAY 2010

Sample ID	NYSDEC CLASS GA Groundwater Standards	96-13		99 B		Dupe	
Lab Sample Number		460-12879-2		460-12879-1		460-12879-3FD	
Sampling Date							
Matrix		Water		Water		Water	
Dilution Factor		1		1		1	
Units	ug/l	ug/L		ug/L		ug/L	
		Low		Low		Low	
GC/MS VOA - 8260B							
Chloromethane	N/A	1.0	U	1.0	U	1.0	U
Bromomethane	5	1.0	U	1.0	U	1.0	U
Vinyl chloride	2	1.0	U	**3.0**		1.0	U
Chloroethane	5	1.0	U	1.0	U	1.0	U
Methylene Chloride	5	1.0	U	1.0	U	1.0	U
Acetone	N/A	10	U	10	U	10	U
Carbon disulfide	60	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	1.0		1.0	U	0.98	J
1,1-Dichloroethane	5	4.8		1.1		4.8	
trans-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5	2.3		0.77	J	2.5	
Chloroform	7	1.3		1.0	U	1.3	
1,2-Dichloroethane	0.6	1.0	U	**1.4**		1.0	U
2-Butanone	N/A	10	U	10	U	10	U
1,1,1-Trichloroethane	5	2.3		1.0	U	2.4	
Carbon tetrachloride	5	1.0	U	1.0	U	1.0	U
Bromodichloromethane	N/A	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane	1.0	1.0	U	1.0	U	1.0	U
cis-1,3-Dichloropropene	0.4[(1)]	1.0	U	1.0	U	1.0	U
Trichloroethene	5	**5.8**		0.46	J	**5.9**	
Dibromochloromethane	N/A	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane	1	1.0	U	1.0	U	1.0	U
Benzene	1	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene	0.4[(1)]	1.0	U	1.0	U	1.0	U
Bromoform	N/A	1.0	U	1.0	U	1.0	U
4-Methyl-2-pentanone	N/A	10	U	10	U	10	U
2-Hexanone	N/A	10	U	10	U	10	U
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane	5	1.0	U	1.0	U	1.0	U
Toluene	5	1.0	U	1.0	U	1.0	U
Chlorobenzene	5	1.0	U	1.0	U	1.0	U
Ethylbenzene	5	1.0	U	1.0	U	1.0	U
Styrene	5	1.0	U	1.0	U	1.0	U
Xylenes, Total	5	3.0	U	3.0	U	3.0	U
Total Confident Conc.							
Total Estimated Conc. (TICs)							

BOLD - Exceeds NYSDEC Class GA Groundwater Standards

NA: No standard listed in 6 NYCRR Part 703

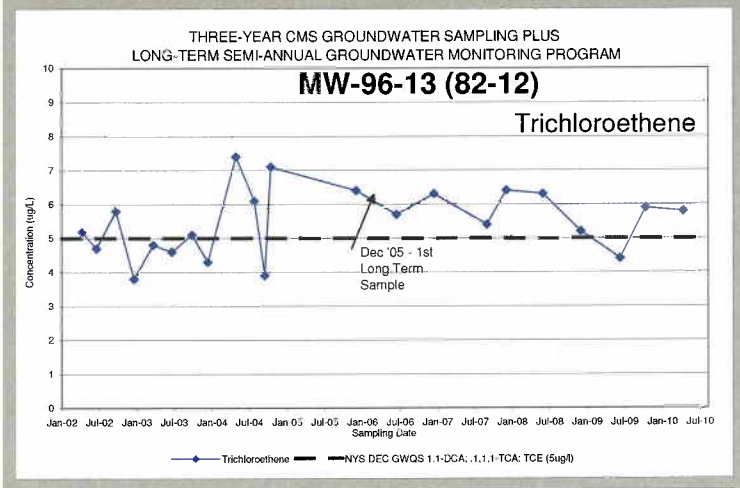
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

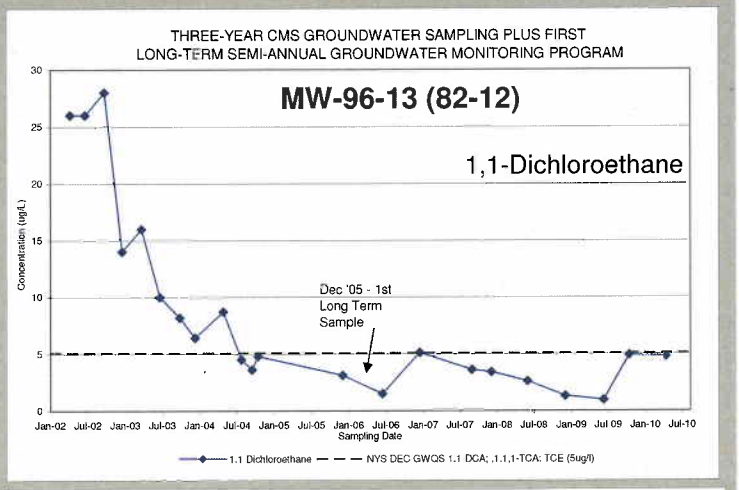
U: Indicates the analyte was analyzed for but not detected.

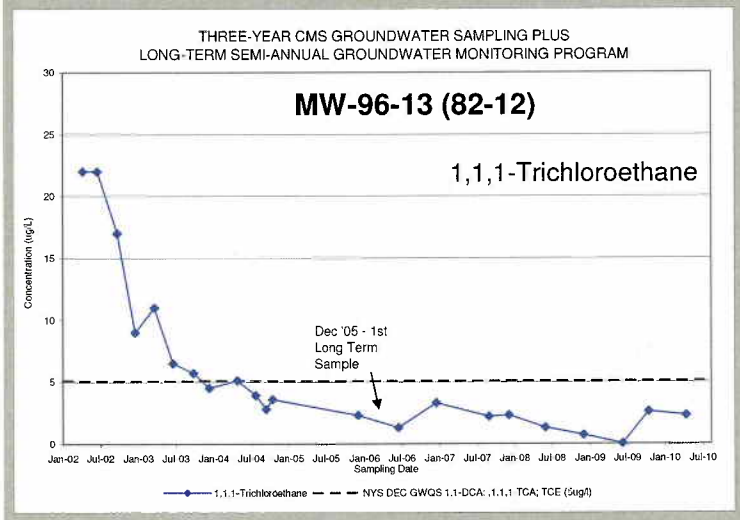
(1) Applies to sum of cis- and trans- 1,3-dichloropropene

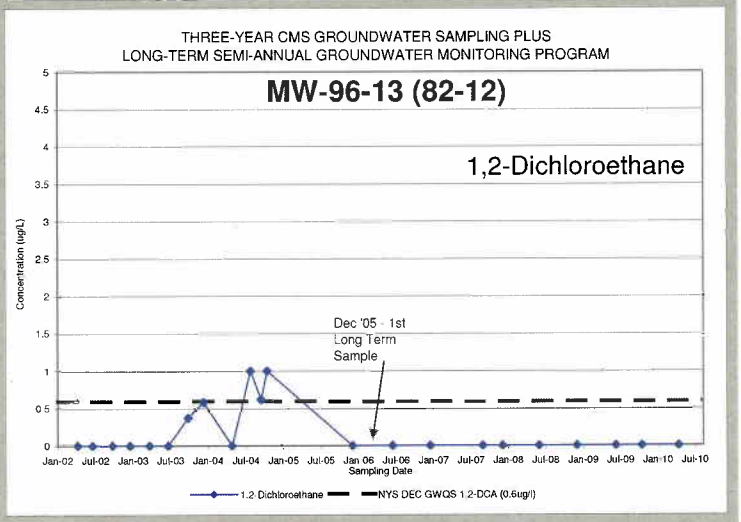
Figure 2. Selected VOCs in MW-96-13 and MW-99B

MW-96-13

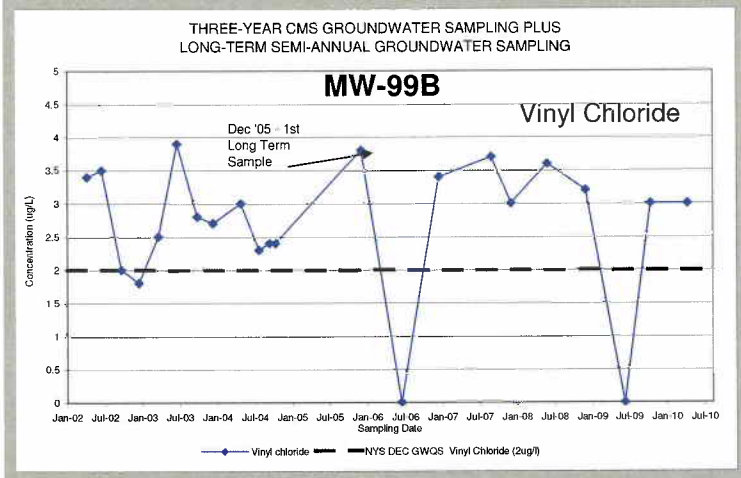


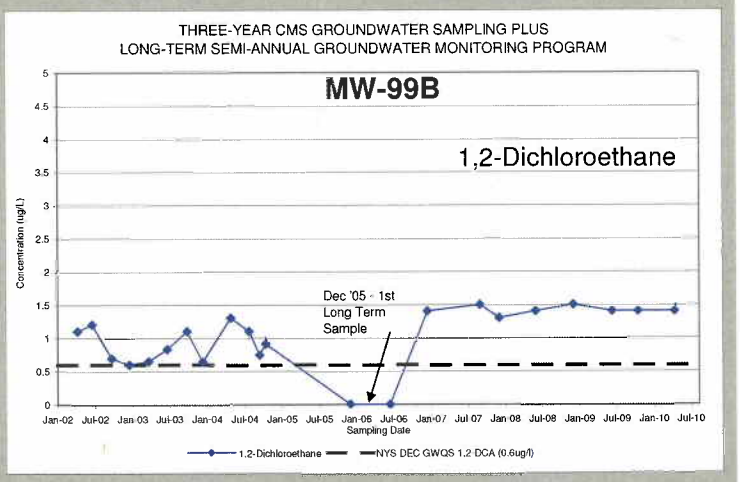






MW-99B





NOTE: Results for data plotted on the X-axis were reported as "ND" (not detected).

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-12879-1

Job Description: WYETH SEMI-ANNUAL WELLS

For:
HydroQual, Inc.
1200 MacArthur Boulevard, 1st Fl
Mahwah, NJ 07430

Attention: Mr. Dennis Scannell

Jamie Capaci

Approved for release.
Jamie Capaci
Project Manager I
5/12/2010 3:32 PM

Jamie Capaci
Project Manager I
jamie.capaci@testamericainc.com
05/12/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

Table of Contents

CASE NARRATIVE

Client: HydroQual, Inc.

Project: WYETH SEMI-ANNUAL WELLS

Report Number: 460-12879-1

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 05/05/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.6 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 460-12879-1 through 460-12879-4 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/07/2010.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Toluene in batch 36844 were outside control limits due to high concentration in the sample relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: HydroQual, Inc.

Job Number: 460-12879-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-12879-1	MW-99 B	GW	05/04/2010 1400	05/05/2010 1545
460-12879-2	MW-96-13	GW	05/04/2010 1115	05/05/2010 1545
460-12879-3FD	Dupe	Water	05/04/2010 0000	05/05/2010 1545
460-12879-4TB	trip blank	Water	05/04/2010 0000	05/05/2010 1545

EXECUTIVE SUMMARY - Detections

Client: HydroQual, Inc. Job Number: 460-12879-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-12879-1	**MW-99 B**					
Vinyl chloride		3.0		1.0	ug/L	8260B
1,1-Dichloroethane		1.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.77	J	1.0	ug/L	8260B
1,2-Dichloroethane		1.4		1.0	ug/L	8260B
Trichloroethene		0.46	J	1.0	ug/L	8260B
460-12879-2	**MW-96-13**					
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
1,1-Dichloroethane		4.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.3		1.0	ug/L	8260B
Chloroform		1.3		1.0	ug/L	8260B
1,1,1-Trichloroethane		2.3		1.0	ug/L	8260B
Trichloroethene		5.8		1.0	ug/L	8260B
460-12879-3FD	**DUPE**					
1,1-Dichloroethene		0.98	J	1.0	ug/L	8260B
1,1-Dichloroethane		4.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
Chloroform		1.3		1.0	ug/L	8260B
1,1,1-Trichloroethane		2.4		1.0	ug/L	8260B
Trichloroethene		5.9		1.0	ug/L	8260B

METHOD SUMMARY

Client: HydroQual, Inc.

Job Number: 460-12879-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (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: HydroQual, Inc.

Job Number: 460-12879-1

Method	Analyst	Analyst ID
SW846 8260B	Del Polito, Vita	VD

Client: HydroQual, Inc. Job Number: 460-12879-1

Client Sample ID: **MW-99 B**

Lab Sample ID: 460-12879-1 Date Sampled: 05/04/2010 1400
Client Matrix: GW Date Received: 05/05/2010 1545

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-36844	Instrument ID: VOAMS3
Preparation:	5030B		Lab File ID: c48154.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/07/2010 1727		Final Weight/Volume: 5 mL
Date Prepared:	05/07/2010 1727		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	3.0		0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.1		0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	0.77	J	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.4		0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.46	J	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Client Sample ID: **MW-96-13**

Lab Sample ID: 460-12879-2
Client Matrix: GW

Date Sampled: 05/04/2010 1115
Date Received: 05/05/2010 1545

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-36844		Instrument ID:	VOAMS3
Preparation:	5030B			Lab File ID:	c48155.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/07/2010 1752			Final Weight/Volume:	5 mL
Date Prepared:	05/07/2010 1752				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0		0.14	1.0
1,1-Dichloroethane	4.8		0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	2.3		0.20	1.0
Chloroform	1.3		0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	2.3		0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	5.8		0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Bromofluorobenzene	102		69 - 135
Toluene-d8 (Surr)	101		69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Client Sample ID: **Dupe**

Lab Sample ID: 460-12879-3FD
Client Matrix: Water

Date Sampled: 05/04/2010 0000
Date Received: 05/05/2010 1545

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/07/2010 1816
Date Prepared: 05/07/2010 1816

Analysis Batch: 460-36844

Instrument ID: VOAMS3
Lab File ID: c48156.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	0.98	J	0.14	1.0
1,1-Dichloroethane	4.8		0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	2.5		0.20	1.0
Chloroform	1.3		0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	2.4		0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	5.9		0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Bromofluorobenzene	101		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Client Sample ID: **trip blank**

Lab Sample ID: 460-12879-4TB
Client Matrix: Water

Date Sampled: 05/04/2010 0000
Date Received: 05/05/2010 1545

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/07/2010 1840
Date Prepared: 05/07/2010 1840

Analysis Batch: 460-36844

Instrument ID: VOAMS3
Lab File ID: c48157.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 122
Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	102		69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-12879-1	MW-99 B	104	100	99
460-12879-2	MW-96-13	104	101	102
460-12879-3	Dupe	104	100	101
460-12879-4	trip blank	103	102	99
MB 460-36844/2		103	101	101
LCS 460-36844/1		103	100	101
460-12795-C-2 MS		101	101	102
460-12795-C-2 MSD		102	101	100

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: HydroQual, Inc.

Job Number: 460-12879-1

Method Blank - Batch: 460-36844

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-36844/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1212
Date Prepared: 05/07/2010 1212

Analysis Batch: 460-36844
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c48141.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Bromofluorobenzene	101	69 - 135
Toluene-d8 (Surr)	101	69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Lab Control Sample - Batch: 460-36844

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-36844/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1123
Date Prepared: 05/07/2010 1123

Analysis Batch: 460-36844
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS3
Lab File ID: c48139.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	20.0	100	58 - 146	
Bromomethane	20.0	20.5	103	55 - 153	
Vinyl chloride	20.0	21.4	107	61 - 144	
Chloroethane	20.0	19.5	98	69 - 145	
Methylene Chloride	20.0	18.8	94	79 - 119	
Acetone	20.0	22.9	115	45 - 156	
Carbon disulfide	20.0	19.2	96	58 - 139	
1,1-Dichloroethene	20.0	19.6	98	56 - 139	
1,1-Dichloroethane	20.0	19.1	96	78 - 122	
trans-1,2-Dichloroethene	20.0	17.7	89	75 - 122	
cis-1,2-Dichloroethene	20.0	20.0	100	80 - 120	
Chloroform	20.0	19.1	96	82 - 123	
1,2-Dichloroethane	20.0	19.5	98	74 - 118	
2-Butanone	20.0	19.5	97	65 - 114	
1,1,1-Trichloroethane	20.0	19.6	98	74 - 128	
Carbon tetrachloride	20.0	19.6	98	73 - 120	
Bromodichloromethane	20.0	19.1	96	79 - 119	
1,2-Dichloropropane	20.0	19.1	96	80 - 120	
cis-1,3-Dichloropropene	20.0	20.1	100	80 - 120	
Trichloroethene	20.0	18.5	92	78 - 119	
Dibromochloromethane	20.0	18.5	93	80 - 120	
1,1,2-Trichloroethane	20.0	19.3	96	79 - 119	
Benzene	20.0	19.4	97	83 - 124	
trans-1,3-Dichloropropene	20.0	19.6	98	78 - 118	
Bromoform	20.0	18.9	95	73 - 123	
4-Methyl-2-pentanone	20.0	19.4	97	53 - 120	
2-Hexanone	20.0	18.7	94	53 - 121	
Tetrachloroethene	20.0	20.1	101	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	74 - 126	
Toluene	20.0	18.4	92	80 - 120	
Chlorobenzene	20.0	19.8	99	81 - 121	
Ethylbenzene	20.0	20.0	100	79 - 126	
Styrene	20.0	20.4	102	69 - 112	
Xylenes, Total	60.0	62.3	104	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Bromofluorobenzene	101	69 - 135
Toluene-d8 (Surr)	100	69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-36844

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-12795-C-2 MS	Analysis Batch: 460-36844	Instrument ID: VOAMS3
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c48145.d
Dilution:	20		Initial Weight/Volume: 5 mL
Date Analyzed:	05/07/2010 1349		Final Weight/Volume: 5 mL
Date Prepared:	05/07/2010 1349		

MSD Lab Sample ID:	460-12795-C-2 MSD	Analysis Batch: 460-36844	Instrument ID: VOAMS3
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c48146.d
Dilution:	20		Initial Weight/Volume: 5 mL
Date Analyzed:	05/07/2010 1413		Final Weight/Volume: 5 mL
Date Prepared:	05/07/2010 1413		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	97	98	58 - 146	2	30		
Bromomethane	97	99	55 - 153	2	30		
Vinyl chloride	105	104	61 - 144	1	30		
Chloroethane	94	91	69 - 145	3	30		
Methylene Chloride	90	88	79 - 119	2	30		
Acetone	128	123	45 - 156	4	30		
Carbon disulfide	96	91	58 - 139	5	30		
1,1-Dichloroethene	96	91	56 - 139	6	30		
1,1-Dichloroethane	94	91	78 - 122	3	30		
trans-1,2-Dichloroethene	86	83	75 - 122	4	30		
cis-1,2-Dichloroethene	97	93	80 - 120	4	30		
Chloroform	95	93	82 - 123	2	30		
1,2-Dichloroethane	95	90	74 - 118	5	30		
2-Butanone	98	96	65 - 114	3	30		
1,1,1-Trichloroethane	97	94	74 - 128	3	30		
Carbon tetrachloride	97	93	73 - 120	4	30		
Bromodichloromethane	94	89	79 - 119	5	30		
1,2-Dichloropropane	96	93	80 - 120	3	30		
cis-1,3-Dichloropropene	97	93	80 - 120	4	30		
Trichloroethene	91	87	78 - 119	4	30		
Dibromochloromethane	87	84	80 - 120	3	30		
1,1,2-Trichloroethane	94	90	79 - 119	4	30		
Benzene	93	90	83 - 124	2	30		
trans-1,3-Dichloropropene	97	92	78 - 118	5	30		
Bromoform	89	86	73 - 123	3	30		
4-Methyl-2-pentanone	95	95	53 - 120	0	30		
2-Hexanone	96	95	53 - 121	2	30		
Tetrachloroethene	100	95	68 - 139	4	30		
1,1,2,2-Tetrachloroethane	104	101	74 - 126	3	30		
Toluene	-825	-793	80 - 120	1	30	E 4	E 4
Chlorobenzene	99	94	81 - 121	5	30		
Ethylbenzene	85	87	79 - 126	0	30	4	4

Client: HydroQual, Inc.

Job Number: 460-12879-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-36844

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-12795-C-2 MS	Analysis Batch: 460-36844	Instrument ID: VOAMS3
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c48145.d
Dilution:	20		Initial Weight/Volume: 5 mL
Date Analyzed:	05/07/2010 1349		Final Weight/Volume: 5 mL
Date Prepared:	05/07/2010 1349		

MSD Lab Sample ID:	460-12795-C-2 MSD	Analysis Batch: 460-36844	Instrument ID: VOAMS3
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c48146.d
Dilution:	20		Initial Weight/Volume: 5 mL
Date Analyzed:	05/07/2010 1413		Final Weight/Volume: 5 mL
Date Prepared:	05/07/2010 1413		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	96	94	69 - 112	2	30		
Xylenes, Total	90	91	76 - 121	0	30	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	102	70 - 122
Bromofluorobenzene	102	100	69 - 135
Toluene-d8 (Surr)	101	101	69 - 125

Client: HydroQual, Inc.

Job Number: 460-12879-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-36844

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-12795-C-2 MS	Units: ug/L	MSD Lab Sample ID: 460-12795-C-2 MSD
Client Matrix:	Water		Client Matrix: Water
Dilution:	20		Dilution: 20
Date Analyzed:	05/07/2010 1349		Date Analyzed: 05/07/2010 1413
Date Prepared:	05/07/2010 1349		Date Prepared: 05/07/2010 1413

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	50	U	400	400	387		393	
Bromomethane	50	U	400	400	389		398	
Vinyl chloride	50	U	400	400	419		415	
Chloroethane	50	U	400	400	374		365	
Methylene Chloride	50	U	400	400	359		352	
Acetone	500	U	400	400	511		492	
Carbon disulfide	50	U	400	400	383		364	
1,1-Dichloroethene	50	U	400	400	385		362	
1,1-Dichloroethane	50	U	400	400	377		364	
trans-1,2-Dichloroethene	50	U	400	400	346		332	
cis-1,2-Dichloroethene	50	U	400	400	388		373	
Chloroform	50	U	400	400	381		372	
1,2-Dichloroethane	28	J	400	400	408		390	
2-Butanone	500	U	400	400	394		384	
1,1,1-Trichloroethane	50	U	400	400	389		377	
Carbon tetrachloride	50	U	400	400	388		371	
Bromodichloromethane	50	U	400	400	374		357	
1,2-Dichloropropane	22	J	400	400	404		394	
cis-1,3-Dichloropropene	50	U	400	400	390		373	
Trichloroethene	26	J	400	400	388		373	
Dibromochloromethane	50	U	400	400	348		336	
1,1,2-Trichloroethane	50	U	400	400	375		360	
Benzene	340		400	400	717		706	
trans-1,3-Dichloropropene	50	U	400	400	389		370	
Bromoform	50	U	400	400	354		343	
4-Methyl-2-pentanone	500	U	400	400	382		382	
2-Hexanone	500	U	400	400	385		379	
Tetrachloroethene	64		400	400	464		444	
1,1,2,2-Tetrachloroethane	50	U	400	400	416		404	
Toluene	16000		400	400	13100	E 4	13200	E 4
Chlorobenzene	15	J	400	400	410		391	
Ethylbenzene	2300		400	400	2650	4	2660	4
Styrene	220		400	400	609		599	
Xylenes, Total	4900		1200	1200	5930	4	5950	4

DATA REPORTING QUALIFIERS

Client: HydroQual, Inc. Job Number: 460-12879-1

Lab Section	Qualifier	Description
GC/MS VOA		
	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.
	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.

Client: HydroQual, Inc.

Job Number: 460-12879-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-36844					
LCS 460-36844/1	Lab Control Sample	T	Water	8260B	
MB 460-36844/2	Method Blank	T	Water	8260B	
460-12795-C-2 MS	Matrix Spike	T	Water	8260B	
460-12795-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-12879-1	MW-99 B	T	Water	8260B	
460-12879-2	MW-96-13	T	Water	8260B	
460-12879-3FD	Dupe	T	Water	8260B	
460-12879-4TB	trip blank	T	Water	8260B	

Report Basis
T = Total

Client: HydroQual, Inc.

Job Number: 460-12879-1

Laboratory Chronicle

Lab ID: 460-12879-1 **Client ID:** MW-99 B

Sample Date/Time: 05/04/2010 14:00 Received Date/Time: 05/05/2010 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12879-C-1		460-36844		05/07/2010 17:27	1	TAL EDI	VD
A:8260B	460-12879-C-1		460-36844		05/07/2010 17:27	1	TAL EDI	VD

Lab ID: 460-12879-2 **Client ID:** MW-96-13

Sample Date/Time: 05/04/2010 11:15 Received Date/Time: 05/05/2010 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12879-C-2		460-36844		05/07/2010 17:52	1	TAL EDI	VD
A:8260B	460-12879-C-2		460-36844		05/07/2010 17:52	1	TAL EDI	VD

Lab ID: 460-12879-3 **Client ID:** Dupe

Sample Date/Time: 05/04/2010 00:00 Received Date/Time: 05/05/2010 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12879-C-3		460-36844		05/07/2010 18:16	1	TAL EDI	VD
A:8260B	460-12879-C-3		460-36844		05/07/2010 18:16	1	TAL EDI	VD

Lab ID: 460-12879-4 **Client ID:** trip blank

Sample Date/Time: 05/04/2010 00:00 Received Date/Time: 05/05/2010 15:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12879-B-4		460-36844		05/07/2010 18:40	1	TAL EDI	VD
A:8260B	460-12879-B-4		460-36844		05/07/2010 18:40	1	TAL EDI	VD

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 460-36844/2		460-36844		05/07/2010 12:12	1	TAL EDI	VD
A:8260B	MB 460-36844/2		460-36844		05/07/2010 12:12	1	TAL EDI	VD

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 460-36844/1		460-36844		05/07/2010 11:23	1	TAL EDI	VD
A:8260B	LCS 460-36844/1		460-36844		05/07/2010 11:23	1	TAL EDI	VD

Client: HydroQual, Inc.

Job Number: 460-12879-1

Laboratory Chronicle

Lab ID: MS **Client ID:** N/A

Sample Date/Time: 05/03/2010 11:10 Received Date/Time: 05/03/2010 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12795-C-2 MS		460-36844		05/07/2010 13:49	20	TAL EDI	VD
A:8260B	460-12795-C-2 MS		460-36844		05/07/2010 13:49	20	TAL EDI	VD

Lab ID: MSD **Client ID:** N/A

Sample Date/Time: 05/03/2010 11:10 Received Date/Time: 05/03/2010 18:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-12795-C-2 MSD		460-36844		05/07/2010 14:13	20	TAL EDI	VD
A:8260B	460-12795-C-2 MSD		460-36844		05/07/2010 14:13	20	TAL EDI	VD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
MW-99 B	460-12879-1	104	100	99
MW-96-13	460-12879-2	104	101	102
Dupe	460-12879-3	104	100	101
trip blank	460-12879-4	103	102	99
	MB 460-36844/2	103	101	101
	LCS 460-36844/1	103	100	101
	460-12795-C-2 MS	101	101	102
	460-12795-C-2 MSD	102	101	100

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c48139.d

Lab ID: LCS 460-36844/1 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.0	100	58-146	
Bromomethane	20.0	20.5	103	55-153	
Vinyl chloride	20.0	21.4	107	61-144	
Chloroethane	20.0	19.5	98	69-145	
Methylene Chloride	20.0	18.8	94	79-119	
Acetone	20.0	22.9	115	45-156	
Carbon disulfide	20.0	19.2	96	58-139	
1,1-Dichloroethene	20.0	19.6	98	56-139	
1,1-Dichloroethane	20.0	19.1	96	78-122	
trans-1,2-Dichloroethene	20.0	17.7	89	75-122	
cis-1,2-Dichloroethene	20.0	20.0	100	80-120	
Chloroform	20.0	19.1	96	82-123	
1,2-Dichloroethane	20.0	19.5	98	74-118	
2-Butanone	20.0	19.5	97	65-114	
1,1,1-Trichloroethane	20.0	19.6	98	74-128	
Carbon tetrachloride	20.0	19.6	98	73-120	
Bromodichloromethane	20.0	19.1	96	79-119	
1,2-Dichloropropane	20.0	19.1	96	80-120	
cis-1,3-Dichloropropene	20.0	20.1	100	80-120	
Trichloroethene	20.0	18.5	92	78-119	
Dibromochloromethane	20.0	18.5	93	80-120	
1,1,2-Trichloroethane	20.0	19.3	96	79-119	
Benzene	20.0	19.4	97	83-124	
trans-1,3-Dichloropropene	20.0	19.6	98	78-118	
Bromoform	20.0	18.9	95	73-123	
4-Methyl-2-pentanone	20.0	19.4	97	53-120	
2-Hexanone	20.0	18.7	94	53-121	
Tetrachloroethene	20.0	20.1	101	68-139	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	74-126	
Toluene	20.0	18.4	92	80-120	
Chlorobenzene	20.0	19.8	99	81-121	
Ethylbenzene	20.0	20.0	100	79-126	
Styrene	20.0	20.4	102	69-112	
Xylenes, Total	60.0	62.3	104	76-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c48145.d

Lab ID: 460-12795-C-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	400	50 U	387	97	58-146	
Bromomethane	400	50 U	389	97	55-153	
Vinyl chloride	400	50 U	419	105	61-144	
Chloroethane	400	50 U	374	94	69-145	
Methylene Chloride	400	50 U	359	90	79-119	
Acetone	400	500 U	511	128	45-156	
Carbon disulfide	400	50 U	383	96	58-139	
1,1-Dichloroethene	400	50 U	385	96	56-139	
1,1-Dichloroethane	400	50 U	377	94	78-122	
trans-1,2-Dichloroethene	400	50 U	346	86	75-122	
cis-1,2-Dichloroethene	400	50 U	388	97	80-120	
Chloroform	400	50 U	381	95	82-123	
1,2-Dichloroethane	400	28 J	408	95	74-118	
2-Butanone	400	500 U	394	98	65-114	
1,1,1-Trichloroethane	400	50 U	389	97	74-128	
Carbon tetrachloride	400	50 U	388	97	73-120	
Bromodichloromethane	400	50 U	374	94	79-119	
1,2-Dichloropropane	400	22 J	404	96	80-120	
cis-1,3-Dichloropropene	400	50 U	390	97	80-120	
Trichloroethene	400	26 J	388	91	78-119	
Dibromochloromethane	400	50 U	348	87	80-120	
1,1,2-Trichloroethane	400	50 U	375	94	79-119	
Benzene	400	340	717	93	83-124	
trans-1,3-Dichloropropene	400	50 U	389	97	78-118	
Bromoform	400	50 U	354	89	73-123	
4-Methyl-2-pentanone	400	500 U	382	95	53-120	
2-Hexanone	400	500 U	385	96	53-121	
Tetrachloroethene	400	64	464	100	68-139	
1,1,2,2-Tetrachloroethane	400	50 U	416	104	74-126	
Toluene	400	16000	13100	-825	80-120	E 4
Chlorobenzene	400	15 J	410	99	81-121	
Ethylbenzene	400	2300	2650	85	79-126	4
Styrene	400	220	609	96	69-112	
Xylenes, Total	1200	4900	5930	90	76-121	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c48146.d

Lab ID: 460-12795-C-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	400	393	98	2	30	58-146	
Bromomethane	400	398	99	2	30	55-153	
Vinyl chloride	400	415	104	1	30	61-144	
Chloroethane	400	365	91	3	30	69 145	
Methylene Chloride	400	352	88	2	30	79-119	
Acetone	400	492	123	4	30	45-156	
Carbon disulfide	400	364	91	5	30	58-139	
1,1-Dichloroethene	400	362	91	6	30	56-139	
1,1-Dichloroethane	400	364	91	3	30	78-122	
trans-1,2-Dichloroethene	400	332	83	4	30	75-122	
cis-1,2-Dichloroethene	400	373	93	4	30	80-120	
Chloroform	400	372	93	2	30	82-123	
1,2-Dichloroethane	400	390	90	5	30	74-118	
2-Butanone	400	384	96	3	30	65-114	
1,1,1-Trichloroethane	400	377	94	3	30	74-128	
Carbon tetrachloride	400	371	93	4	30	73-120	
Bromodichloromethane	400	357	89	5	30	79-119	
1,2-Dichloropropane	400	394	93	3	30	80-120	
cis-1,3-Dichloropropene	400	373	93	4	30	80-120	
Trichloroethene	400	373	87	4	30	78-119	
Dibromochloromethane	400	336	84	3	30	80-120	
1,1,2-Trichloroethane	400	360	90	4	30	79-119	
Benzene	400	706	90	2	30	83-124	
trans-1,3-Dichloropropene	400	370	92	5	30	78-118	
Bromoform	400	343	86	3	30	73-123	
4-Methyl-2-pentanone	400	382	95	0	30	53-120	
2-Hexanone	400	379	95	2	30	53-121	
Tetrachloroethene	400	444	95	4	30	68-139	
1,1,2,2-Tetrachloroethane	400	404	101	3	30	74-126	
Toluene	400	13200	-793	1	30	80-120	E 4
Chlorobenzene	400	391	94	5	30	81-121	
Ethylbenzene	400	2660	87	0	30	79-126	4
Styrene	400	599	94	2	30	69-112	
Xylenes, Total	1200	5950	91	0	30	76-121	4

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab File ID: c48141.d Lab Sample ID: MB 460-36844/2

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS3 Date Analyzed: 05/07/2010 12:12

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-36844/1	c48139.d	05/07/2010 11:23
	460-12795-C-2 MS	c48145.d	05/07/2010 13:49
	460-12795-C-2 MSD	c48146.d	05/07/2010 14:13
MW-99 B	460-12879-1	c48154.d	05/07/2010 17:27
MW-96-13	460-12879-2	c48155.d	05/07/2010 17:52
Dupe	460-12879-3	c48156.d	05/07/2010 18:16
trip blank	460-12879-4	c48157.d	05/07/2010 18:40

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

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab File ID: c48104.d BFB Injection Date: 05/06/2010

Instrument ID: VOAMS3 BFB Injection Time: 20:19

Analysis Batch No.: 36830

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.4	(0.6)1
174	50.0 - 120.00 % of mass 95	74.4	
175	5.0 - 9.0 % of mass 174	5.9	(7.9)1
176	95.0 - 101.0 % of mass 174	71.2	(95.7)1
177	5.0 - 9.0 % of mass 176	4.6	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-36830/2	c48105.d	05/06/2010	20:38
	IC 460-36830/3	c48108.d	05/06/2010	22:34
	ICIS 460-36830/4	c48110.d	05/06/2010	23:23
	IC 460-36830/5	c48111.d	05/06/2010	23:47
	IC 460-36830/6	c48112.d	05/07/2010	00:11
	IC 460-36830/7	c48113.d	05/07/2010	00:36

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

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab File ID: c48137.d BFB Injection Date: 05/07/2010

Instrument ID: VOAMS3 BFB Injection Time: 10:37

Analysis Batch No.: 36844

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	45.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	78.1	
175	5.0 - 9.0 % of mass 174	5.1	(6.6)1
176	95.0 - 101.0 % of mass 174	77.5	(99.2)1
177	5.0 - 9.0 % of mass 176	4.9	(6.3)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-36844/6	c48138.d	05/07/2010	10:50
	LCS 460-36844/1	c48139.d	05/07/2010	11:23
	MB 460-36844/2	c48141.d	05/07/2010	12:12
	460-12795-C-2 MS	c48145.d	05/07/2010	13:49
	460-12795-C-2 MSD	c48146.d	05/07/2010	14:13
MW-99 B	460-12879-1	c48154.d	05/07/2010	17:27
MW-96-13	460-12879-2	c48155.d	05/07/2010	17:52
Dupe	460-12879-3	c48156.d	05/07/2010	18:16
trip blank	460-12879-4	c48157.d	05/07/2010	18:40

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

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Sample No.: CCVIS 460-36844/6 Date Analyzed: 05/07/2010 10:50

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c48138.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1068826	6.08	814544	8.91	406902	10.66
UPPER LIMIT		2137652	6.58	1629088	9.41	813804	11.16
LOWER LIMIT		534413	5.58	407272	8.41	203451	10.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-36844/1		1062809	6.08	811757	8.91	393623	10.65
MB 460-36844/2		1039689	6.08	775061	8.91	375680	10.66
460-12795-C-2 MS		1060046	6.08	805309	8.92	382271	10.66
460-12795-C-2 MSD		1053102	6.08	802307	8.92	378834	10.66
460-12879-1	MW-99 B	1023402	6.08	771061	8.91	368582	10.65
460-12879-2	MW-96-13	1030153	6.08	766229	8.91	363515	10.65
460-12879-3	Dupe	1013675	6.08	765693	8.91	365203	10.65
460-12879-4	trip blank	1037417	6.08	768117	8.91	372456	10.66

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: MW-99 B Lab Sample ID: 460-12879-1

Matrix: GW Lab File ID: c48154.d

Analysis Method: 8260B Date Collected: 05/04/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 17:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	3.0		1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.1		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.77	J	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.4		1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	0.46	J	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: MW-99 B Lab Sample ID: 460-12879-1

Matrix: GW Lab File ID: c48154.d

Analysis Method: 8260B Date Collected: 05/04/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 17:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48154.d
Report Date: 11-May-2010 11:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48154.d
Lab Smp Id: 460-12879-C-1 Client Smp ID: MW-99 B
Inj Date : 07-MAY-2010 17:27
Operator : Inst ID: VOAMS3.i
Smp Info : 460-12879-C-1
Misc Info : 460-12879-C-1
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.582	1.582	(0.260)	12087	1.72195	1.7
4 Vinyl Chloride	62	1.881	1.881	(0.309)	28436	2.98253	3.0
11 Ethyl Ether	59	2.781	2.781	(0.457)	128233	17.4128	17
30 1,1-Dichloroethane	63	4.211	4.211	(0.692)	15971	1.12396	1.1
36 cis-1,2-Dichloroethene	96	4.825	4.819	(0.793)	6593	0.76532	0.76(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.756	5.756	(0.946)	288237	51.9115	52
49 1,2-Dichloroethane	62	5.847	5.847	(0.961)	13310	1.36452	1.4
* 52 Fluorobenzene	96	6.084	6.078	(1.000)	1023402	50.0000	
54 Trichloroethene	95	6.468	6.474	(1.063)	3796	0.46132	0.46(a)
$ 65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	924048	49.8008	50
* 78 Chlorobenzene-d5	117	8.913	8.913	(1.000)	771061	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	290799	49.7441	50
* 108 1,4-Dichlorobenzene-d4	152	10.653	10.659	(1.000)	368582	50.0000	
M 120 1,2-Dichloroethene (Total)	100				6593	0.76532	0.76(a)

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48154.d
Report Date: 11-May-2010 11:08

QC Flag Legend

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

Data File: c48154.d

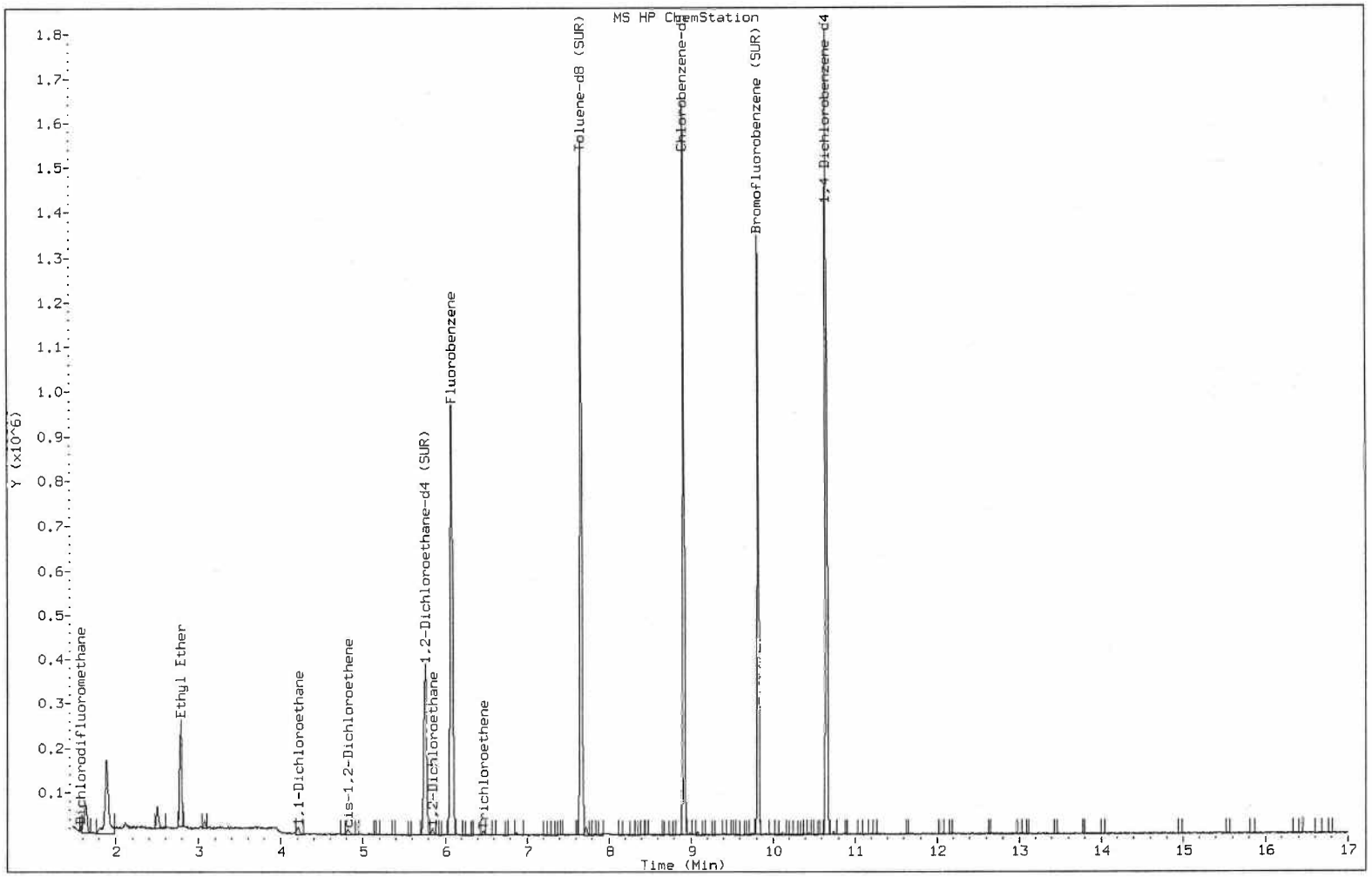
Date: 07-MAY-2010 17:27

Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:



Data File: c48154.d

Date: 07-MAY-2010 17:27

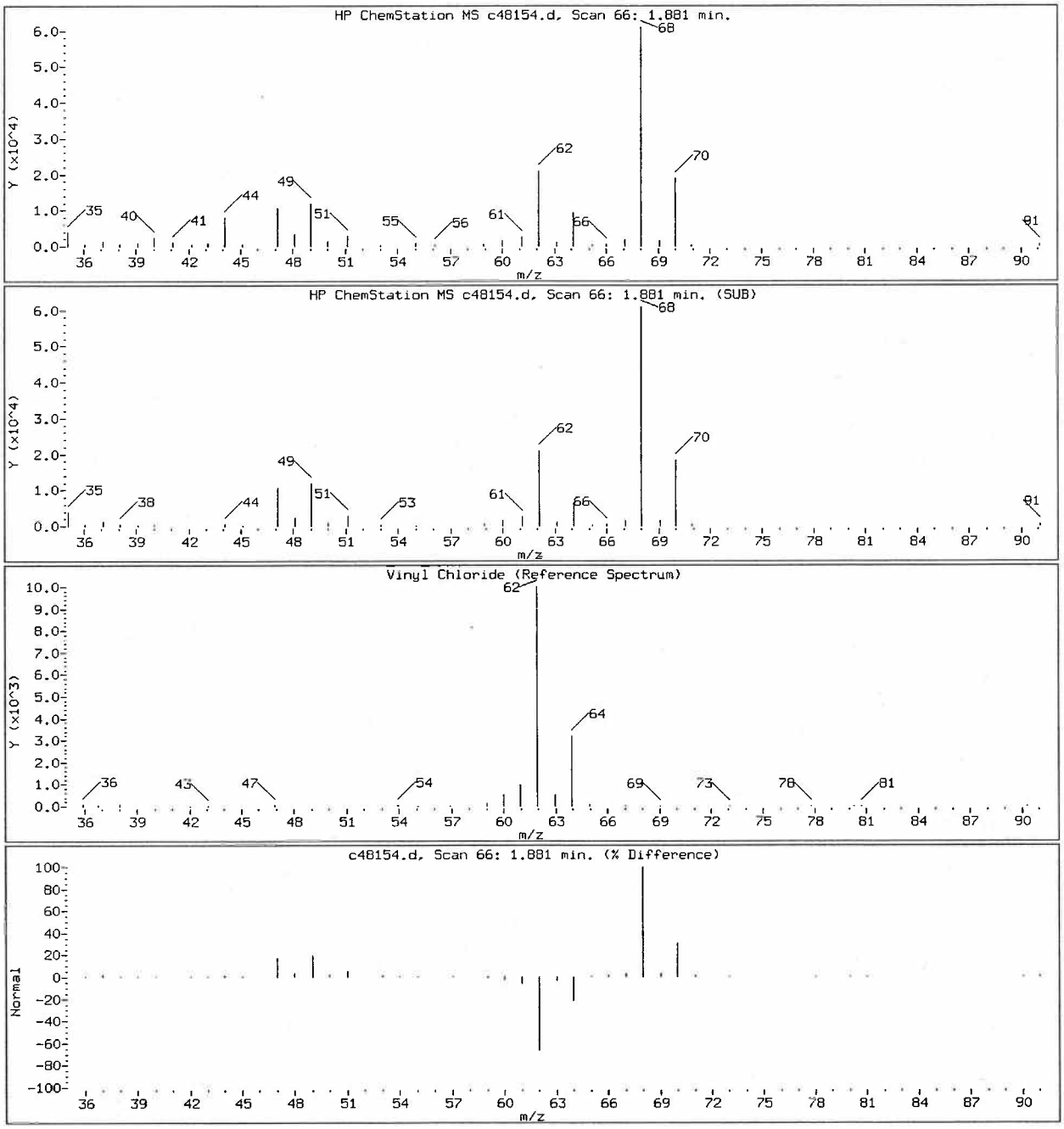
Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:

4 Vinyl Chloride



Data File: c48154.d

Date: 07-MAY-2010 17:27

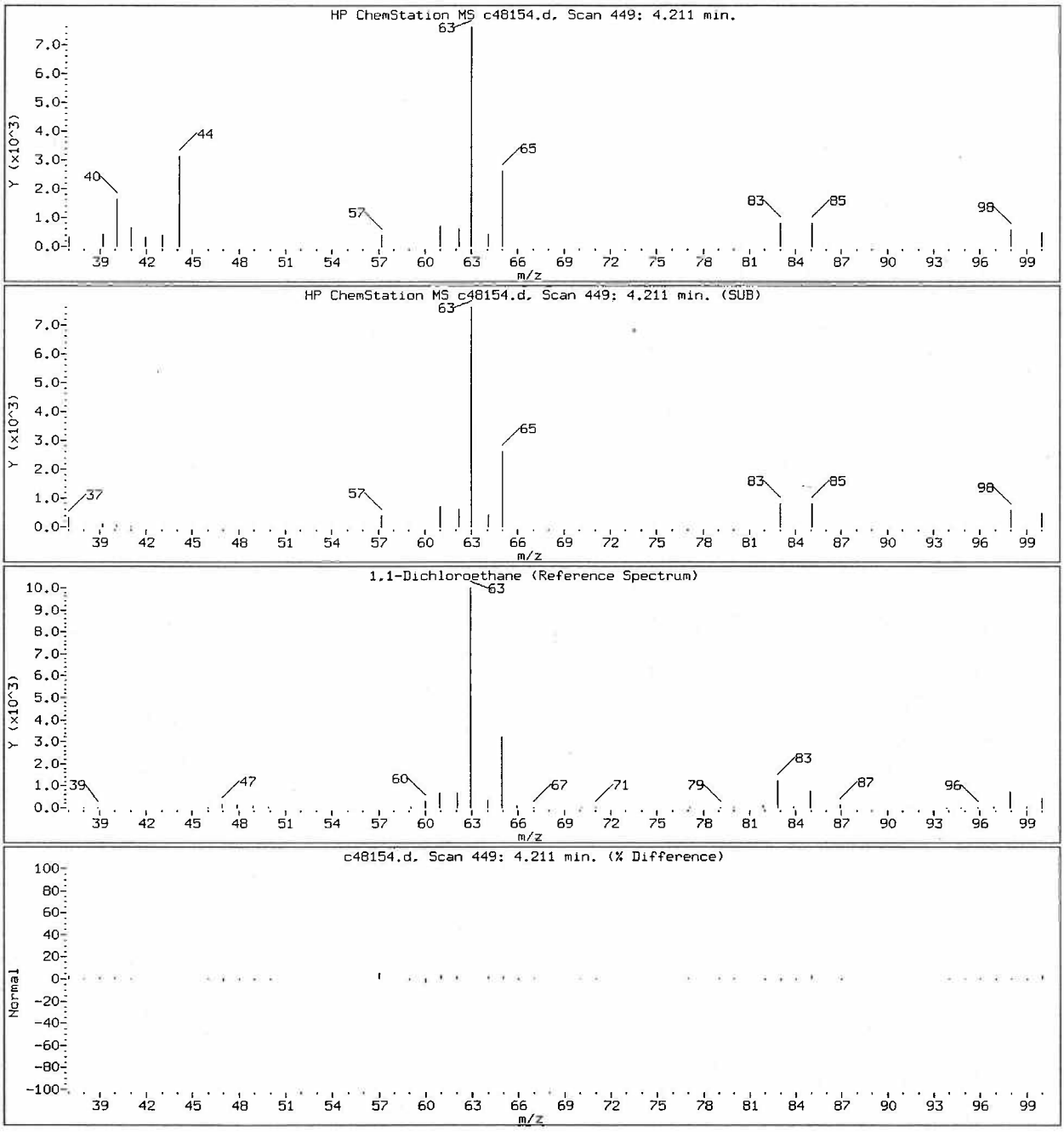
Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:

30 1,1-Dichloroethane



Data File: c48154.d

Date: 07-MAY-2010 17:27

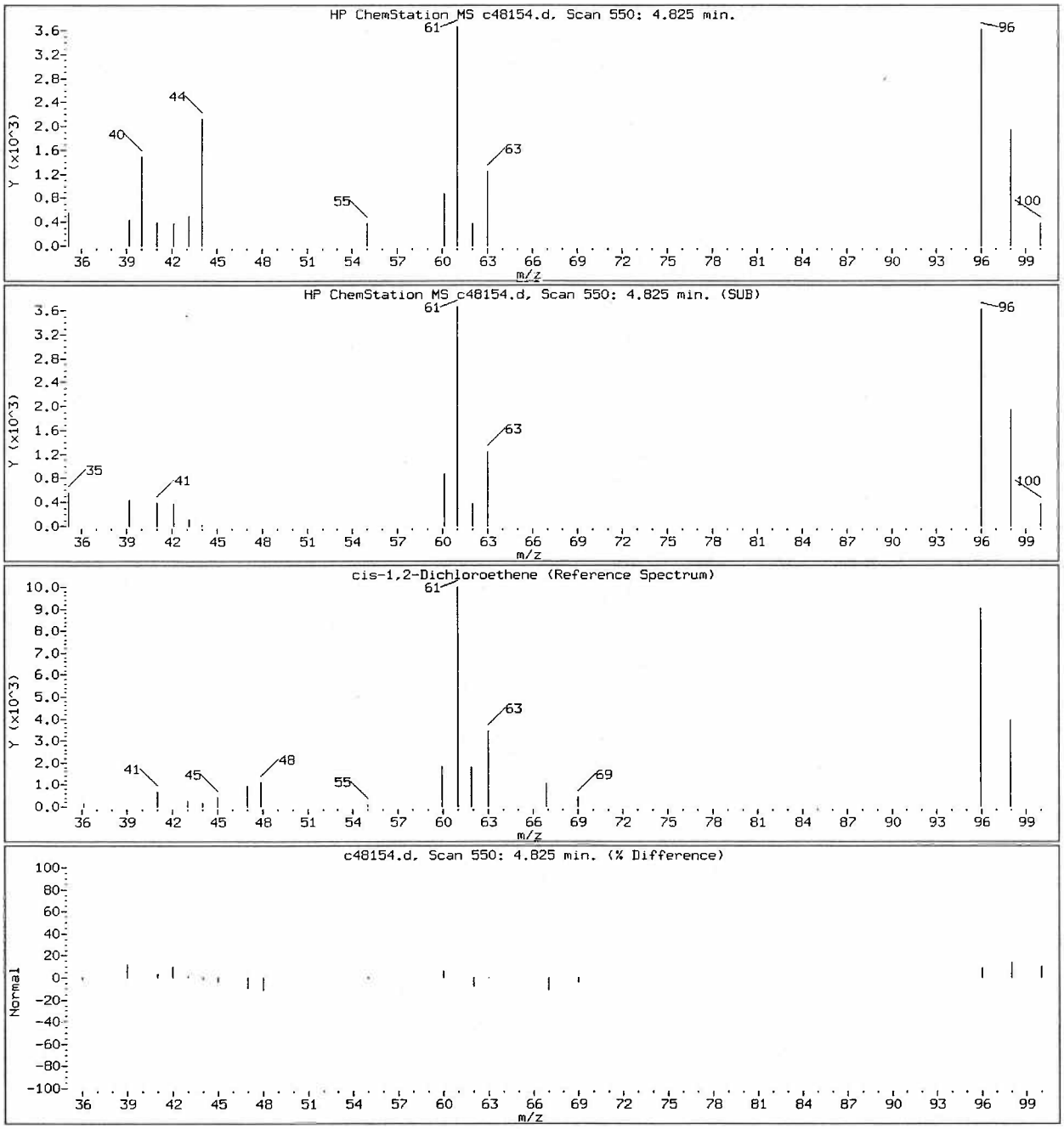
Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:

36 cis-1,2-Dichloroethene



Data File: c48154.d

Date: 07-MAY-2010 17:27

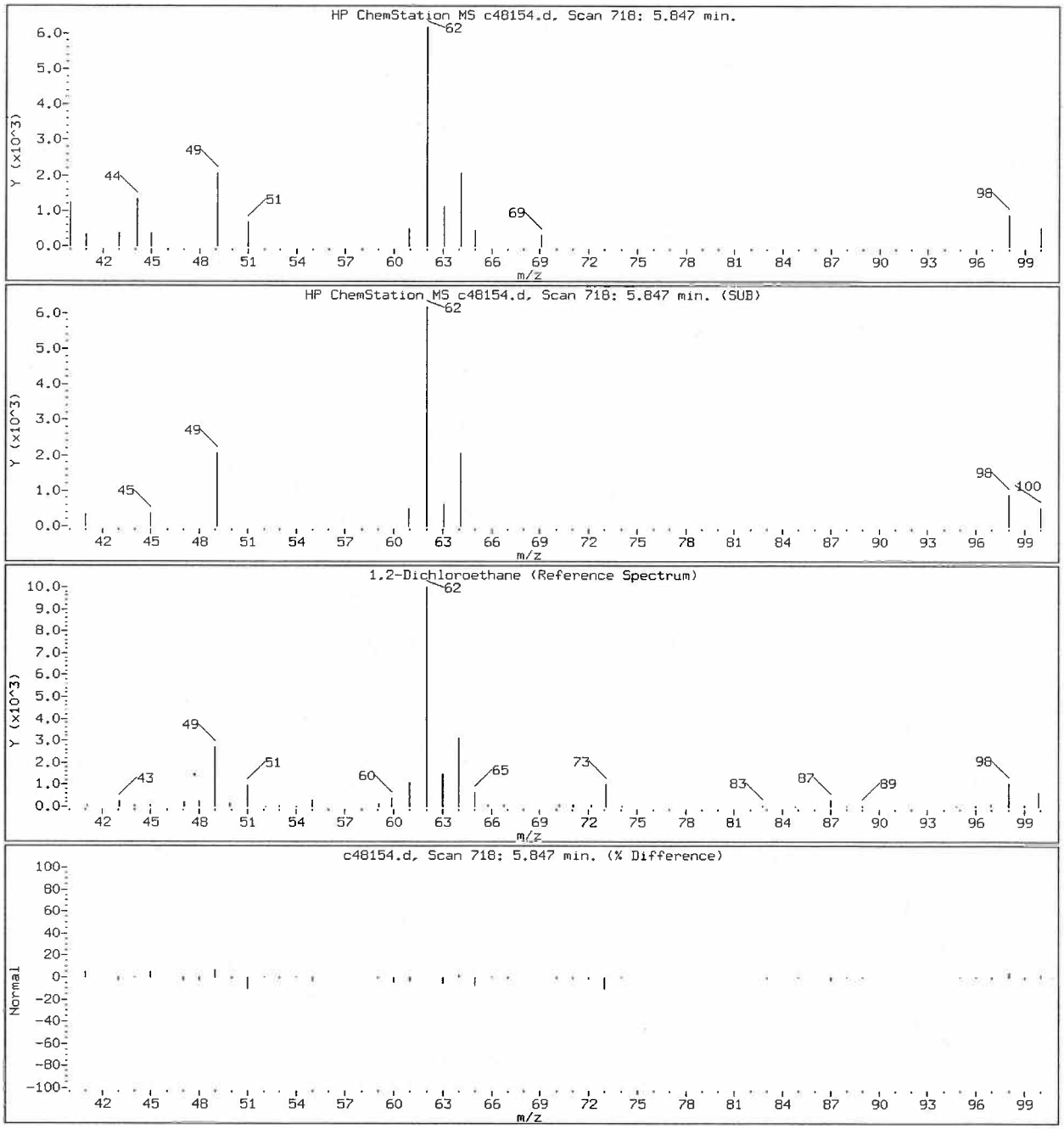
Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:

49 1,2-Dichloroethane



Data File: c48154.d

Date: 07-MAY-2010 17:27

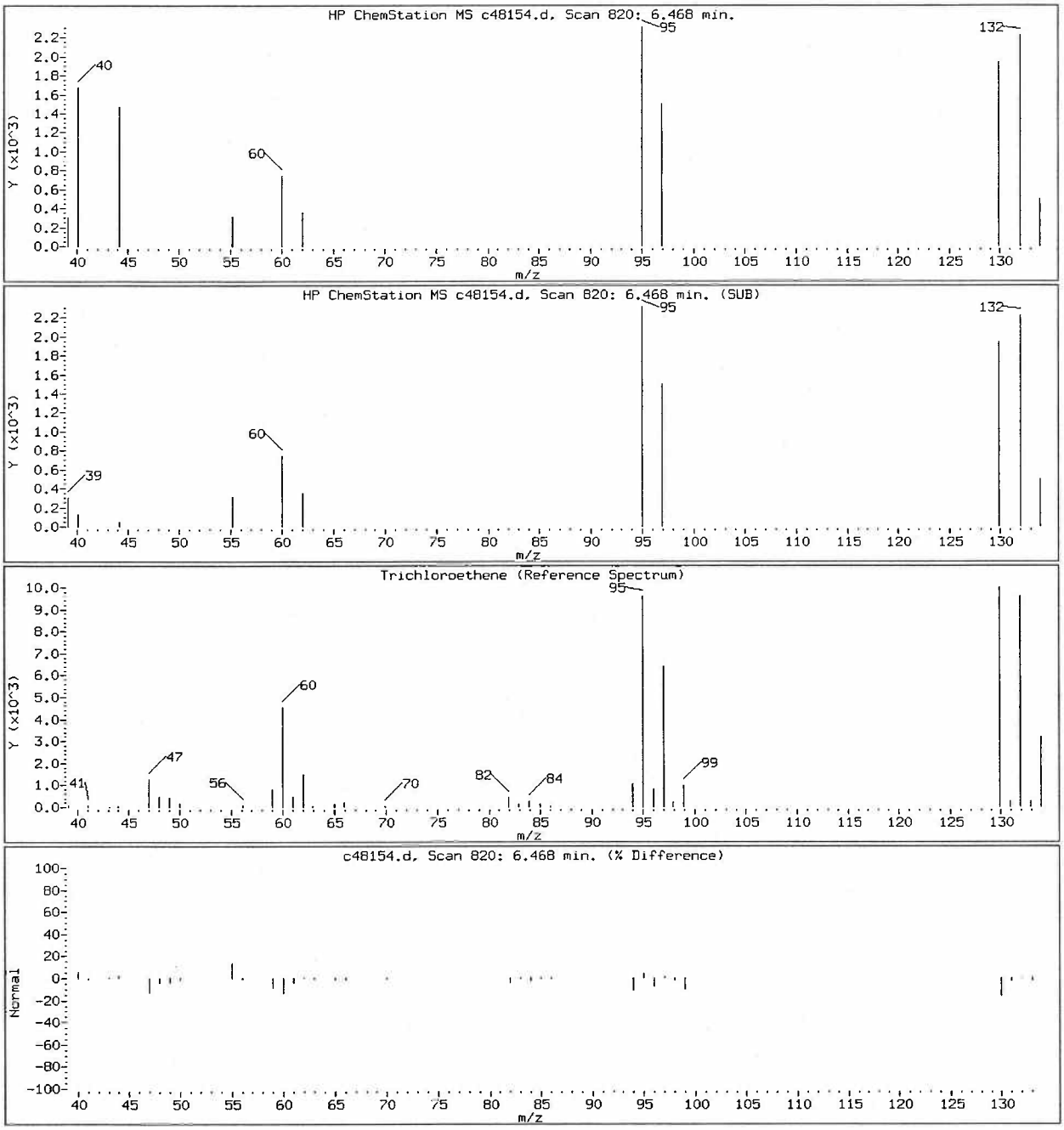
Client ID: MW-99 B

Instrument: VOAMS3.i

Sample Info: 460-12879-C-1

Operator:

54 Trichloroethene



05/12/2010

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: MW-96-13 Lab Sample ID: 460-12879-2

Matrix: GW Lab File ID: c48155.d

Analysis Method: 8260B Date Collected: 05/04/2010 11:15

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0		1.0	0.14
75-34-3	1,1-Dichloroethane	4.8		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	2.3		1.0	0.20
67-66-3	Chloroform	1.3		1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	2.3		1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	5.8		1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: MW-96-13 Lab Sample ID: 460-12879-2

Matrix: GW Lab File ID: c48155.d

Analysis Method: 8260B Date Collected: 05/04/2010 11:15

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 17:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48155.d
Report Date: 11-May-2010 11:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48155.d
Lab Smp Id: 460-12879-C-2 Client Smp ID: MW-96-13
Inj Date : 07-MAY-2010 17:52
Operator : Inst ID: VOAMS3.i
Smp Info : 460-12879-C-2
Misc Info : 460-12879-C-2
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
11 Ethyl Ether	59	2.787	2.781	(0.458)	2275	0.30690	0.31(a)
15 1,1-Dichloroethene	96	3.012	3.012	(0.495)	7062	0.99833	1.00
28 MTBE	73	3.718	3.712	(0.611)	11794	0.48205	0.48(a)
30 1,1-Dichloroethane	63	4.211	4.211	(0.692)	68096	4.76086	4.8
36 cis-1,2-Dichloroethene	96	4.819	4.819	(0.792)	19539	2.25325	2.2
41 Tetrahydrofuran	42	5.093	5.087	(0.837)	232800	99.6906	100
42 Chloroform	83	5.147	5.147	(0.846)	17588	1.27798	1.3
43 1,1,1-Trichloroethane	97	5.324	5.318	(0.875)	27130	2.33161	2.3
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.762	5.756	(0.947)	290530	51.9816	52
* 52 Fluorobenzene	96	6.084	6.078	(1.000)	1030153	50.0000	
54 Trichloroethene	95	6.468	6.474	(1.063)	47848	5.77671	5.8
$ 65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	927433	50.2985	50
* 78 Chlorobenzene-d5	117	8.913	8.913	(1.000)	766229	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	293408	50.8900	51
* 108 1,4-Dichlorobenzene-d4	152	10.653	10.659	(1.000)	363515	50.0000	
M 120 1,2-Dichloroethene (Total)	100				19539	2.25325	2.2

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48155.d
Report Date: 11-May-2010 11:09

QC Flag Legend

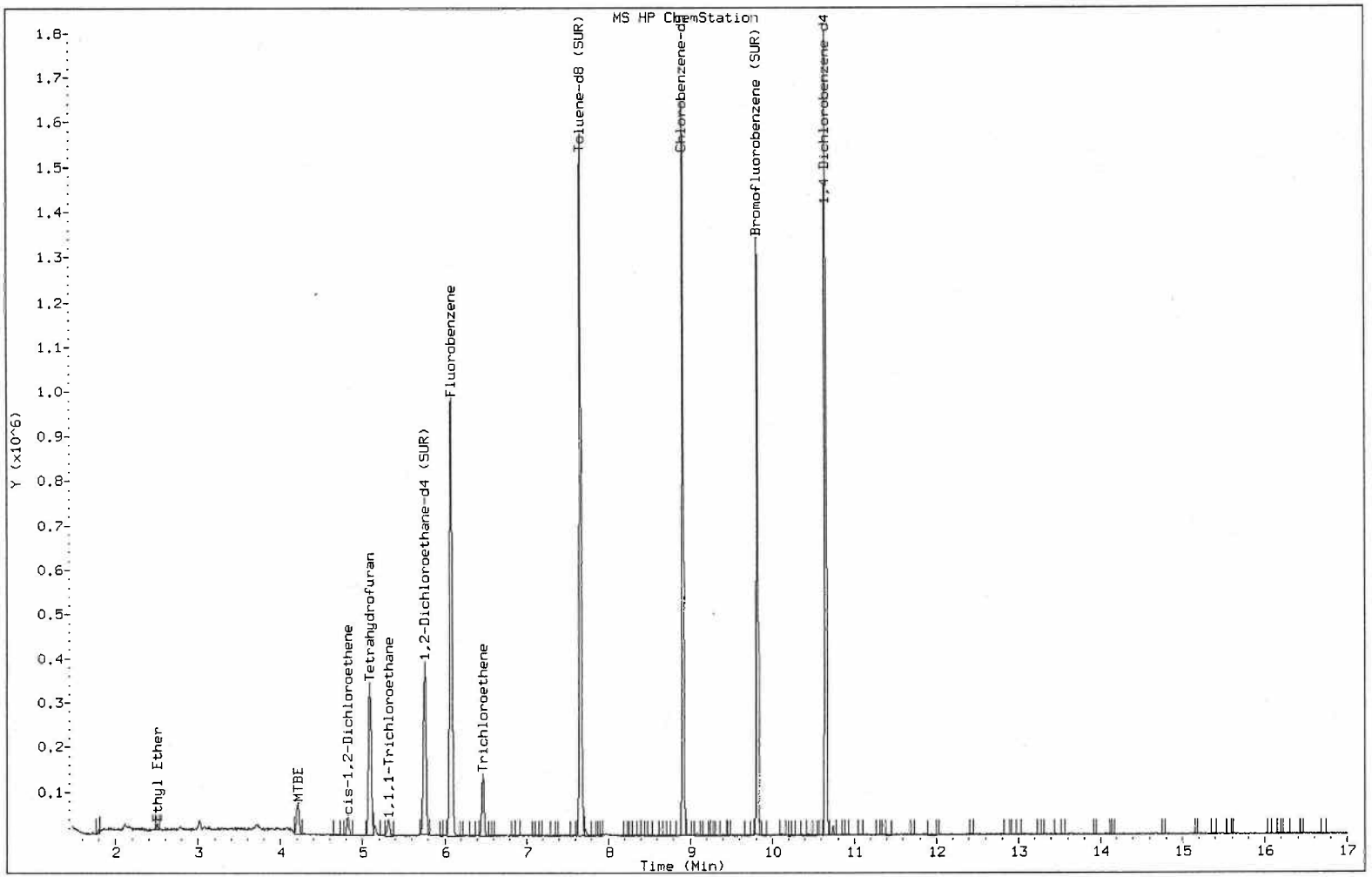
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:



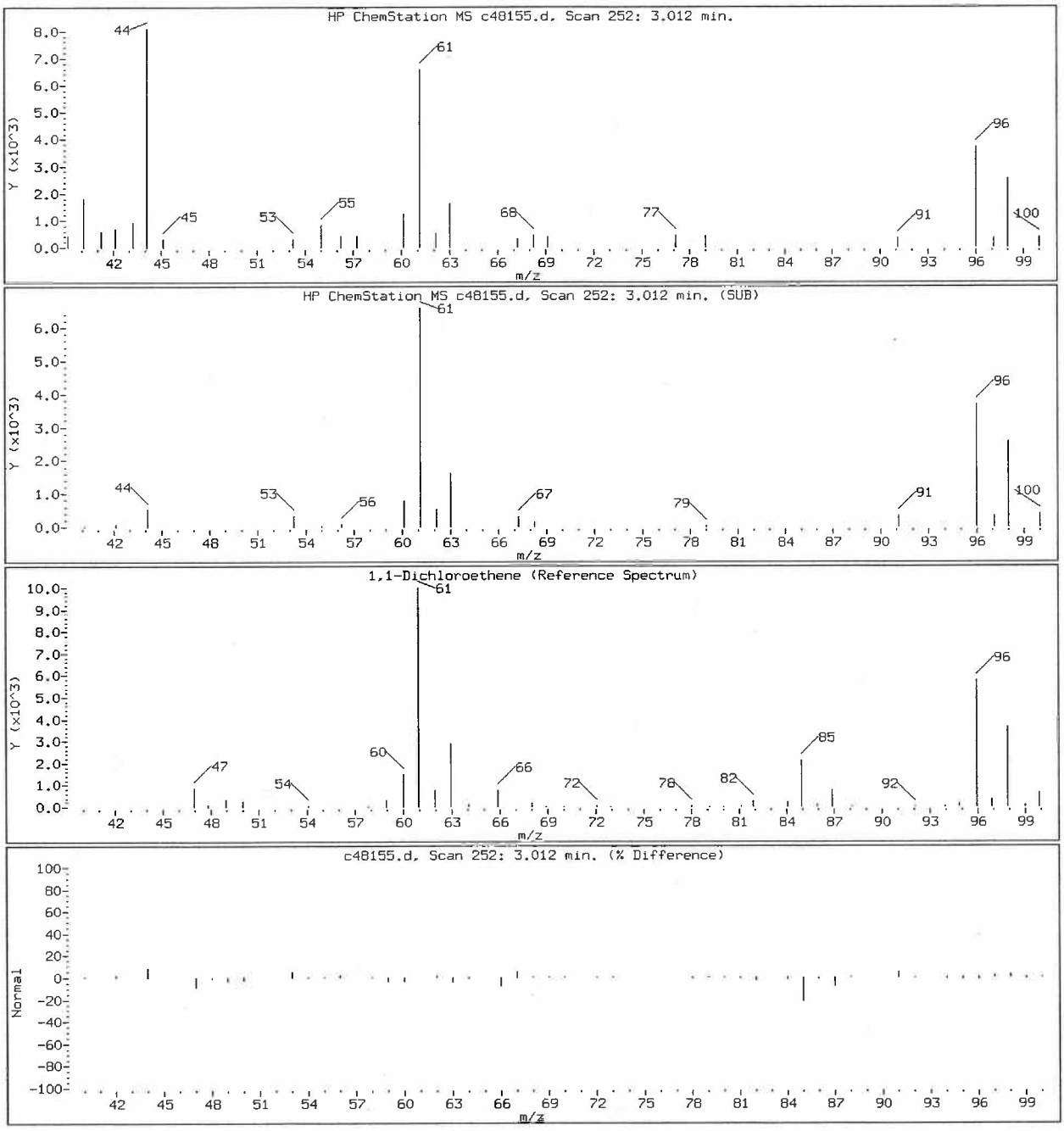
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

15 1,1-Dichloroethene



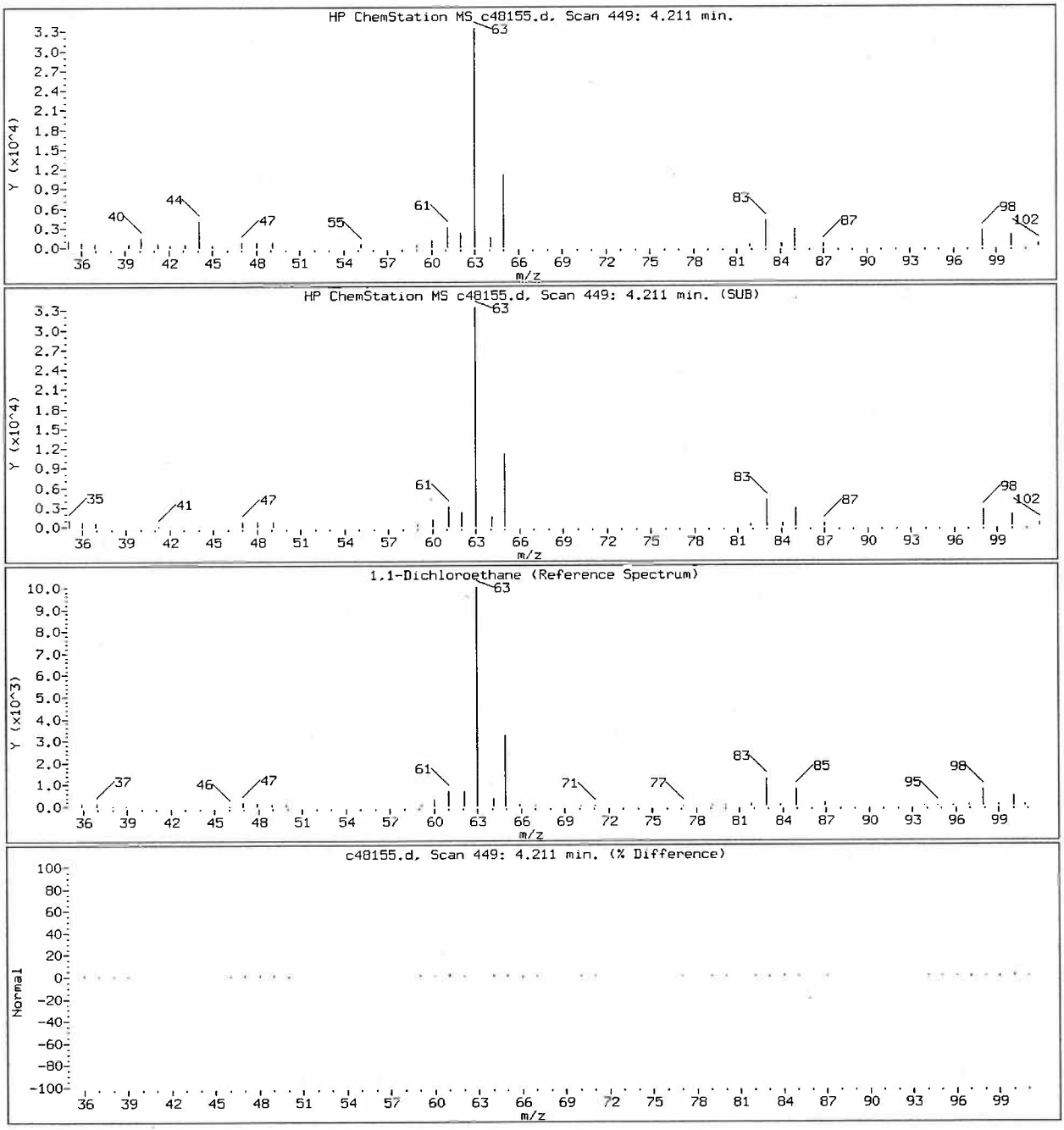
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

30 1,1-Dichloroethane



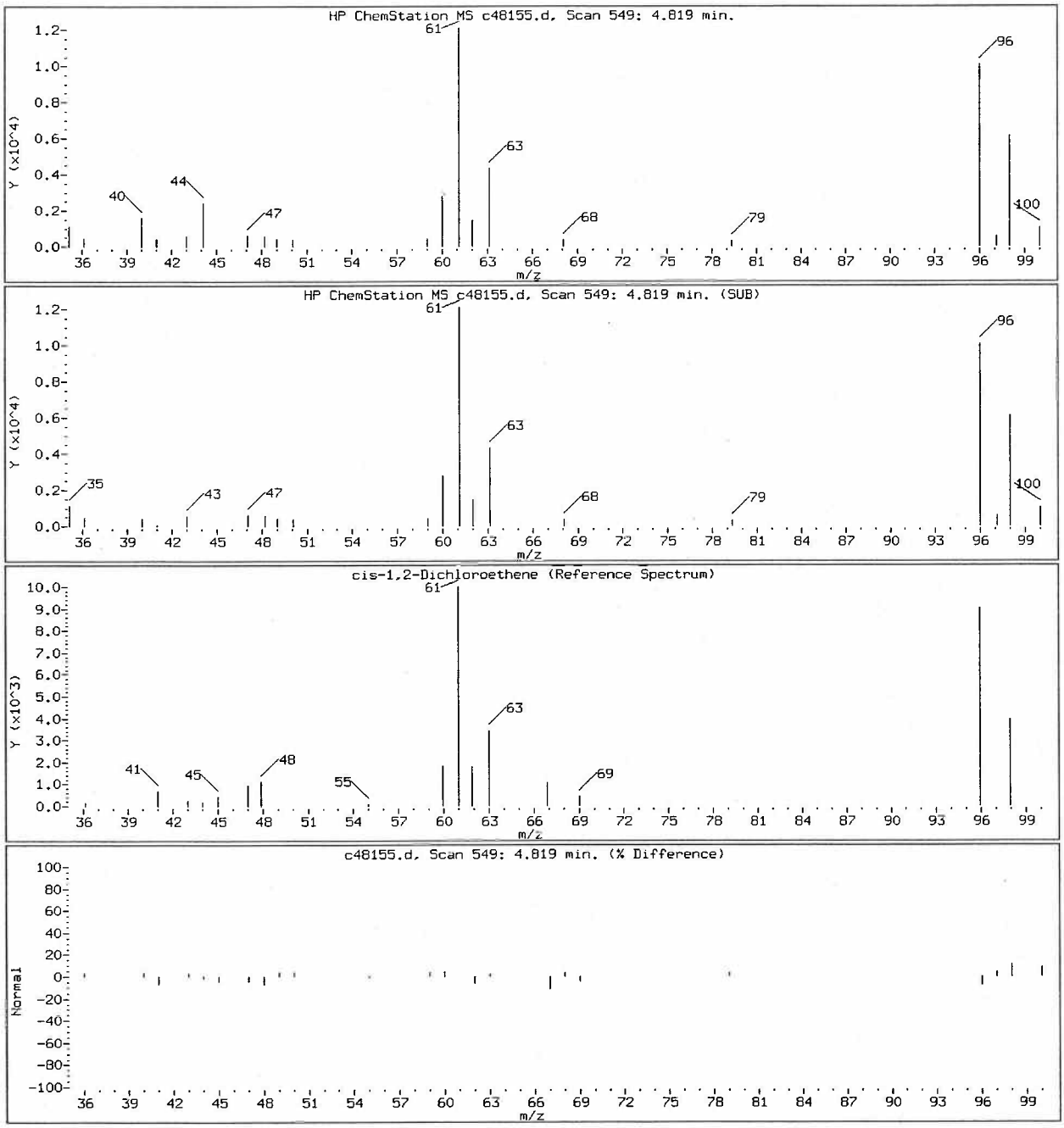
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

36 cis-1,2-Dichloroethene



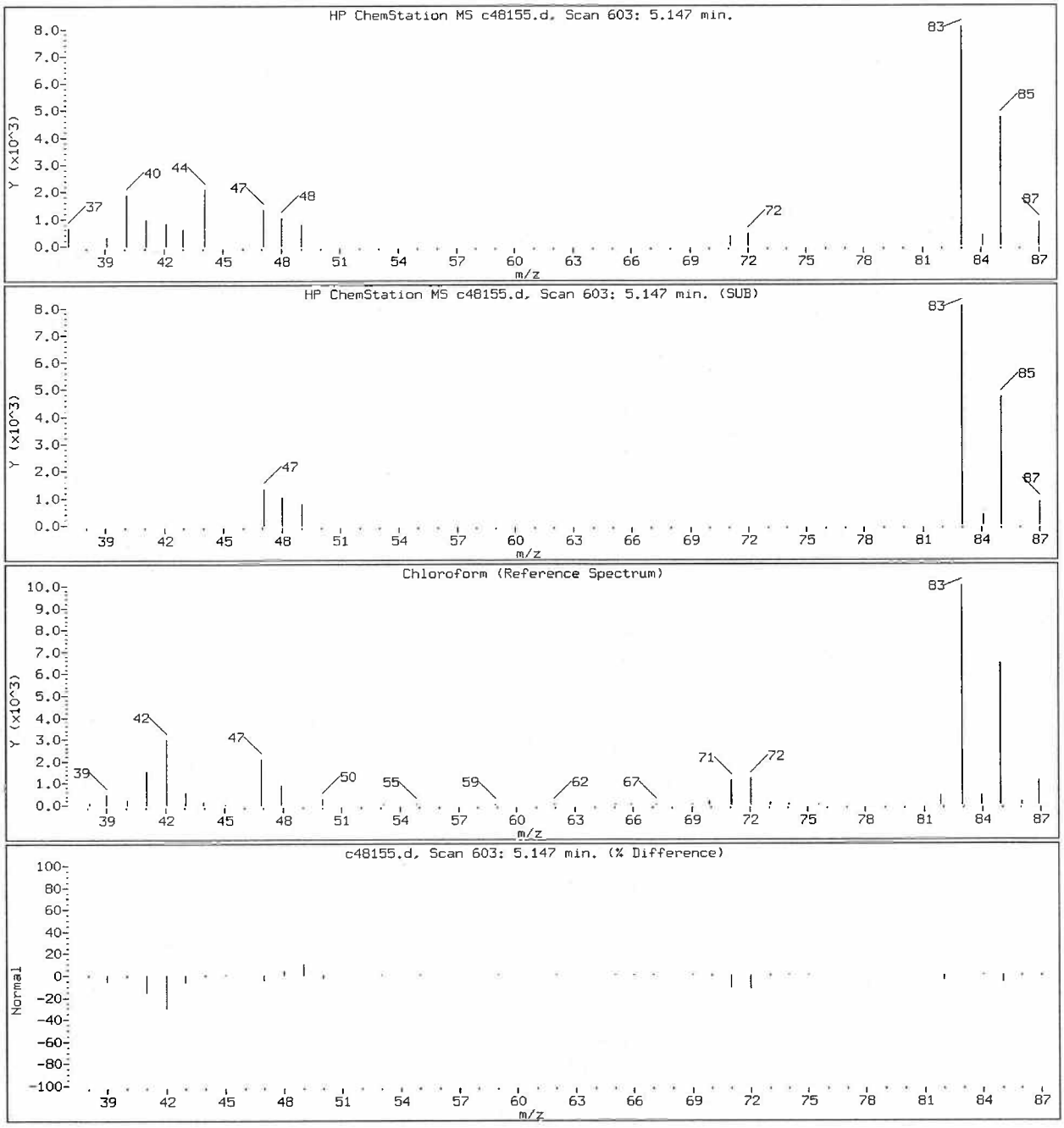
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

42 Chloroform



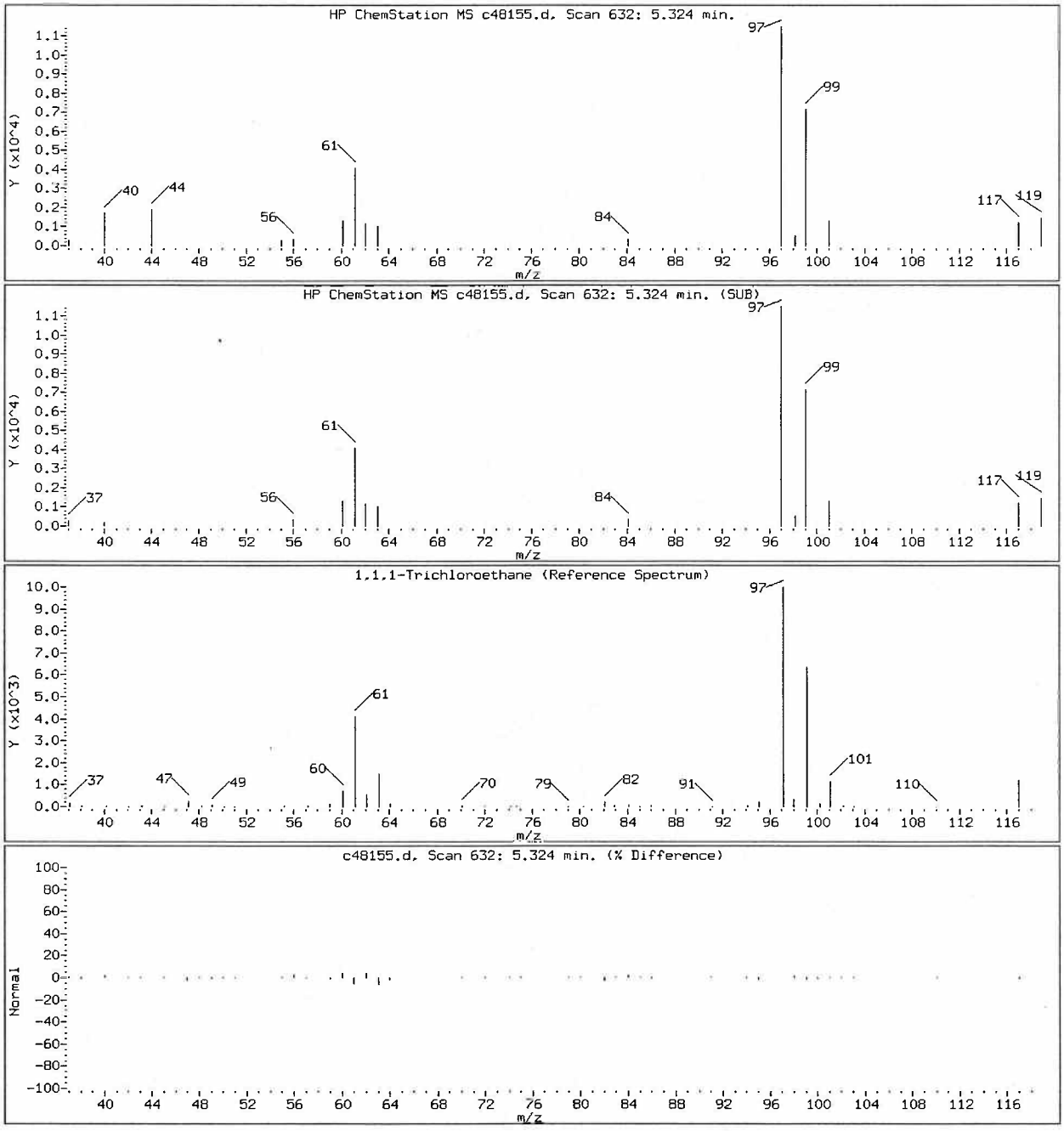
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

43 1,1,1-Trichloroethane



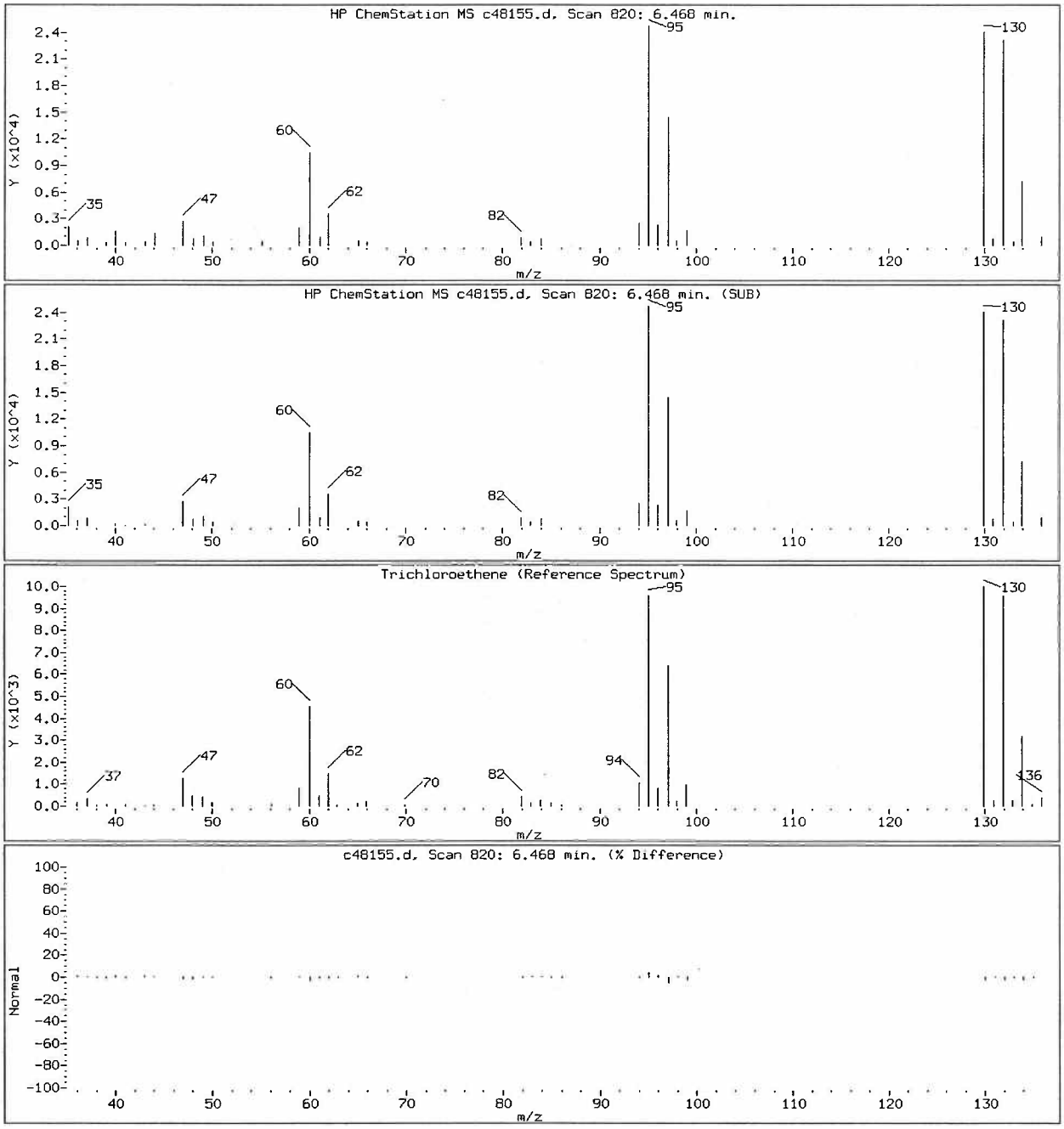
Data File: c48155.d

Date: 07-MAY-2010 17:52

Client ID: MW-96-13 Instrument: VOAMS3.i

Sample Info: 460-12879-C-2 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Dupe Lab Sample ID: 460-12879-3

Matrix: Water Lab File ID: c48156.d

Analysis Method: 8260B Date Collected: 05/04/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.98	J	1.0	0.14
75-34-3	1,1-Dichloroethane	4.8		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	2.5		1.0	0.20
67-66-3	Chloroform	1.3		1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	2.4		1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	5.9		1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Dupe Lab Sample ID: 460-12879-3

Matrix: Water Lab File ID: c48156.d

Analysis Method: 8260B Date Collected: 05/04/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	Bromofluorobenzene	101	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48156.d
Report Date: 11-May-2010 11:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48156.d
Lab Smp Id: 460-12879-C-3 Client Smp ID: Dupe
Inj Date : 07-MAY-2010 18:16
Operator : Inst ID: VOAMS3.i
Smp Info : 460-12879-C-3
Misc Info : 460-12879-C-3
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
11 Ethyl Ether	59	2.787	2.781	(0.458)	2089	0.28639	0.29(a)
15 1,1-Dichloroethene	96	3.012	3.012	(0.495)	6826	0.98065	0.98(a)
28 MTBE	73	3.718	3.712	(0.611)	11051	0.45902	0.46(a)
30 1,1-Dichloroethane	63	4.211	4.211	(0.692)	67380	4.78738	4.8
36 cis-1,2-Dichloroethene	96	4.825	4.819	(0.793)	21302	2.49649	2.5
41 Tetrahydrofuran	42	5.087	5.087	(0.836)	229462	99.8585	100
42 Chloroform	83	5.154	5.147	(0.847)	18049	1.33279	1.3
43 1,1,1-Trichloroethane	97	5.318	5.318	(0.874)	27101	2.36698	2.4
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.762	5.756	(0.947)	286301	52.0576	52
* 52 Fluorobenzene	96	6.084	6.078	(1.000)	1013675	50.0000	
54 Trichloroethene	95	6.474	6.474	(1.064)	47828	5.86816	5.9
$ 65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	919994	49.9300	50
* 78 Chlorobenzene-d5	117	8.913	8.913	(1.000)	765693	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	291336	50.2970	50
* 108 1,4-Dichlorobenzene-d4	152	10.653	10.659	(1.000)	365203	50.0000	
M 120 1,2-Dichloroethene (Total)	100				21302	2.49649	2.5

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48156.d
Report Date: 11-May-2010 11:10

QC Flag Legend

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

Data File: c48156.d

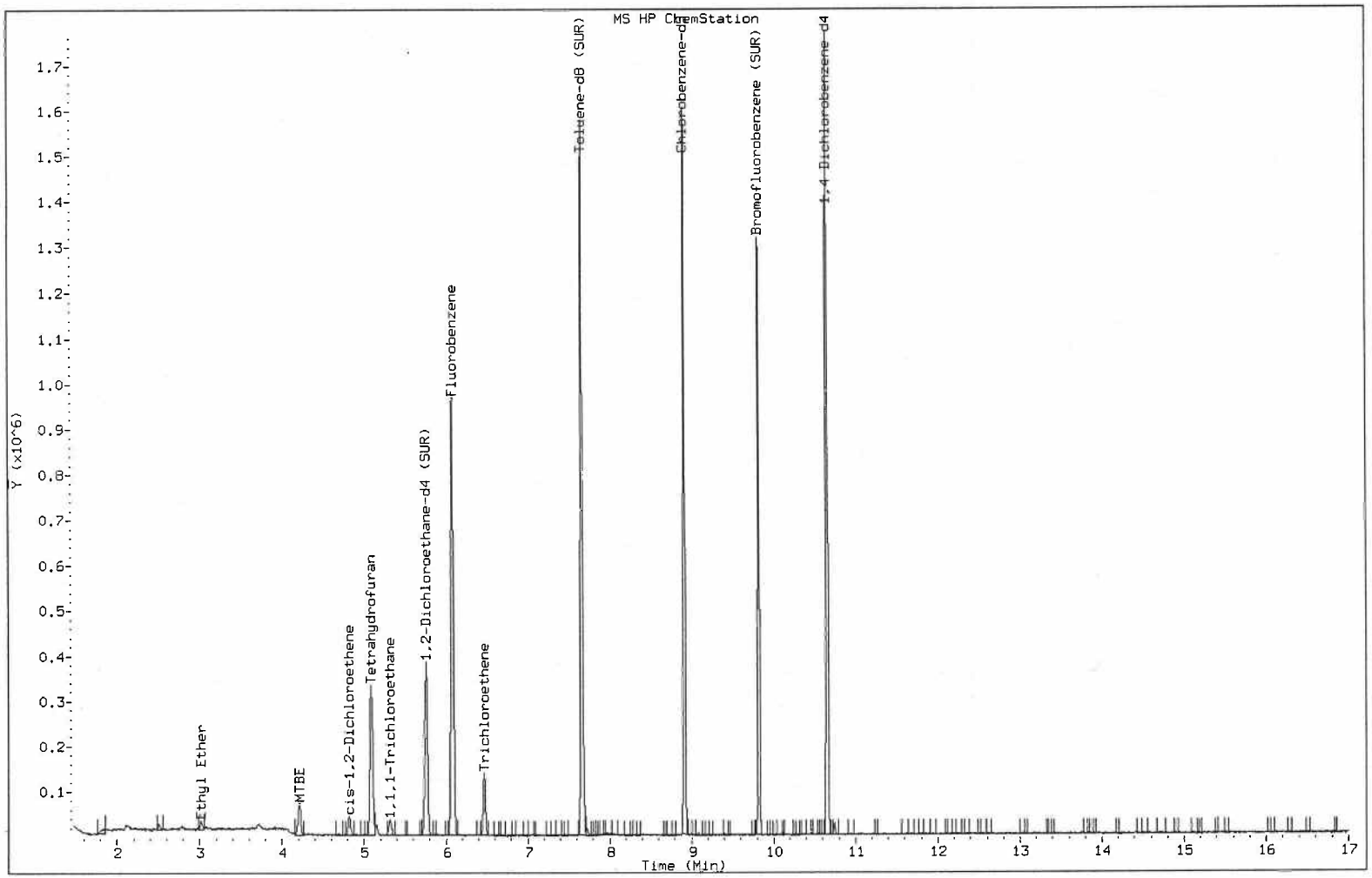
Date: 07-MAY-2010 18:16

Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:



Data File: c48156.d

Date: 07-MAY-2010 18:16

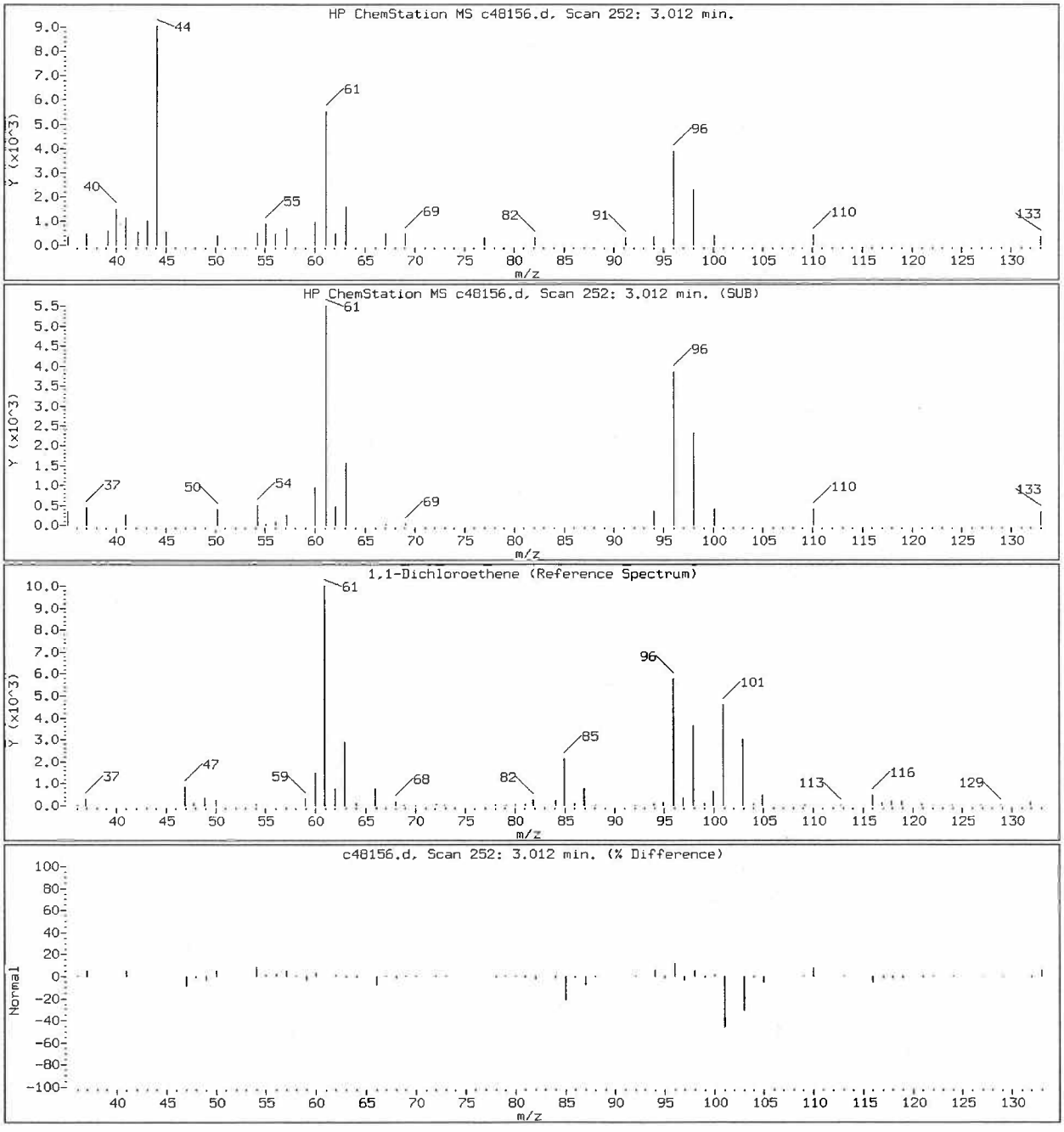
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

15 1,1-Dichloroethene



05/12/2010

Data File: c48156.d

Date: 07-MAY-2010 18:16

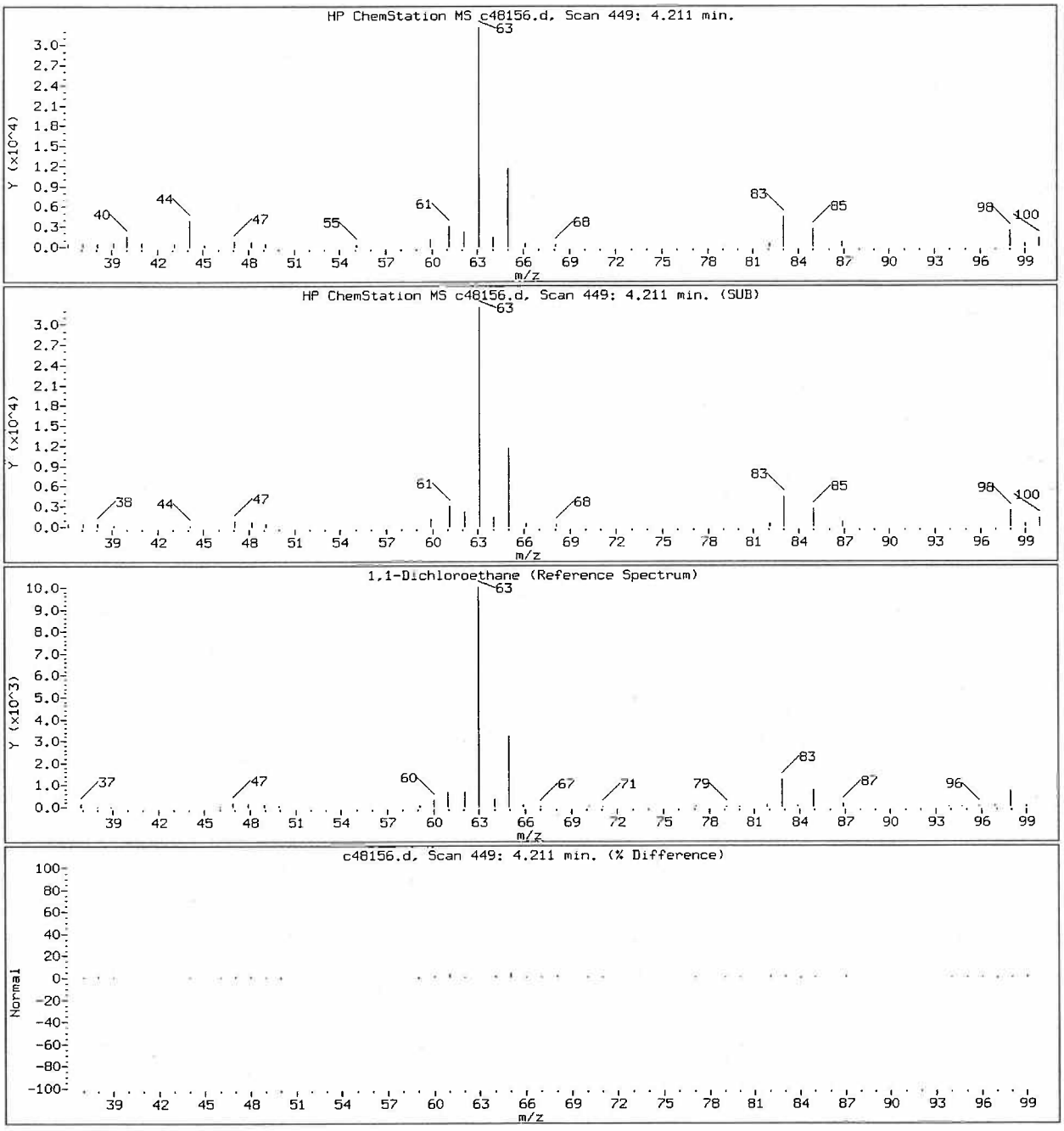
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

30 1,1-Dichloroethane



05/12/2010

Data File: c48156.d

Date: 07-MAY-2010 18:16

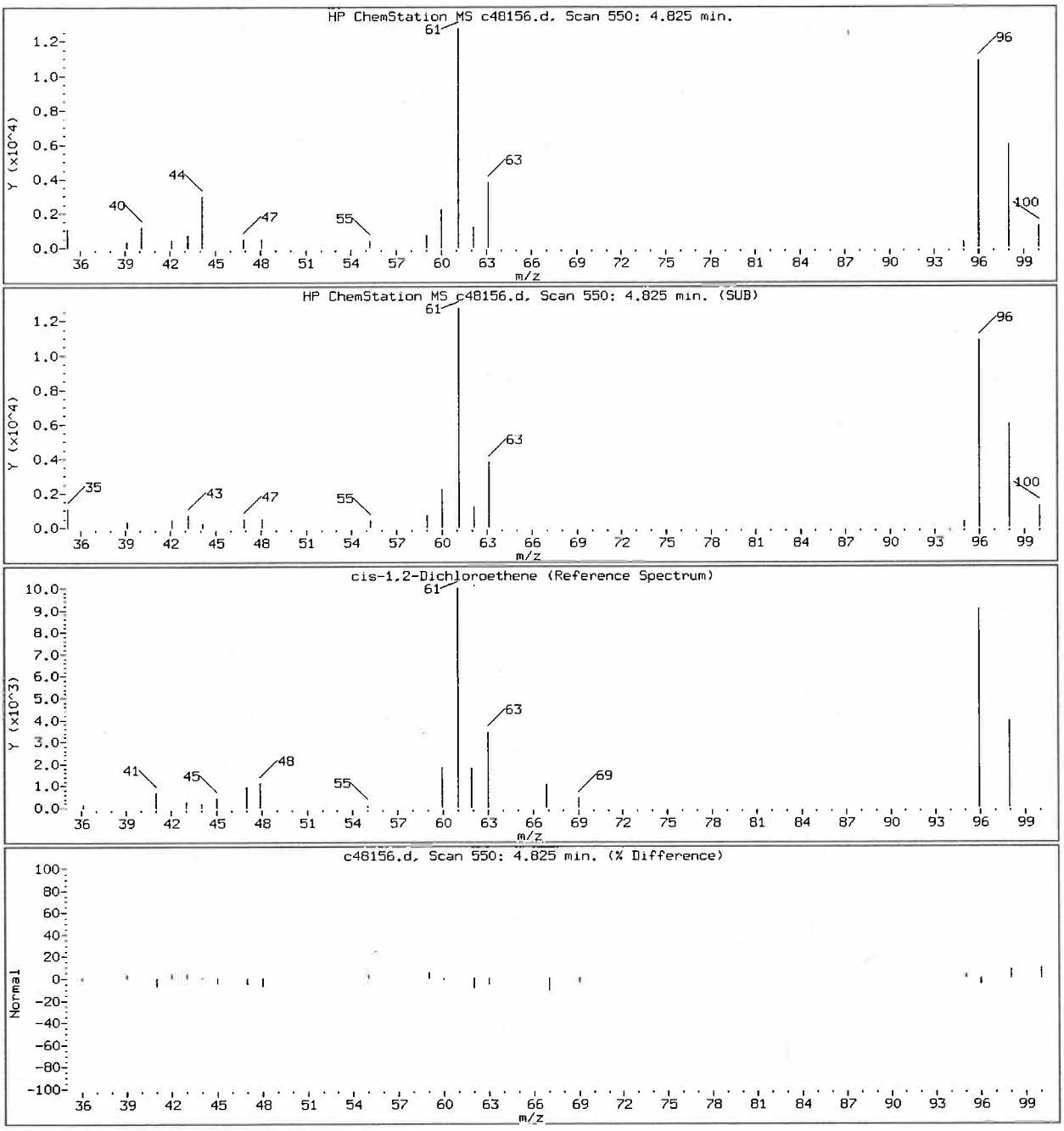
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

36 cis-1,2-Dichloroethene



Data File: c48156.d

Date: 07-MAY-2010 18:16

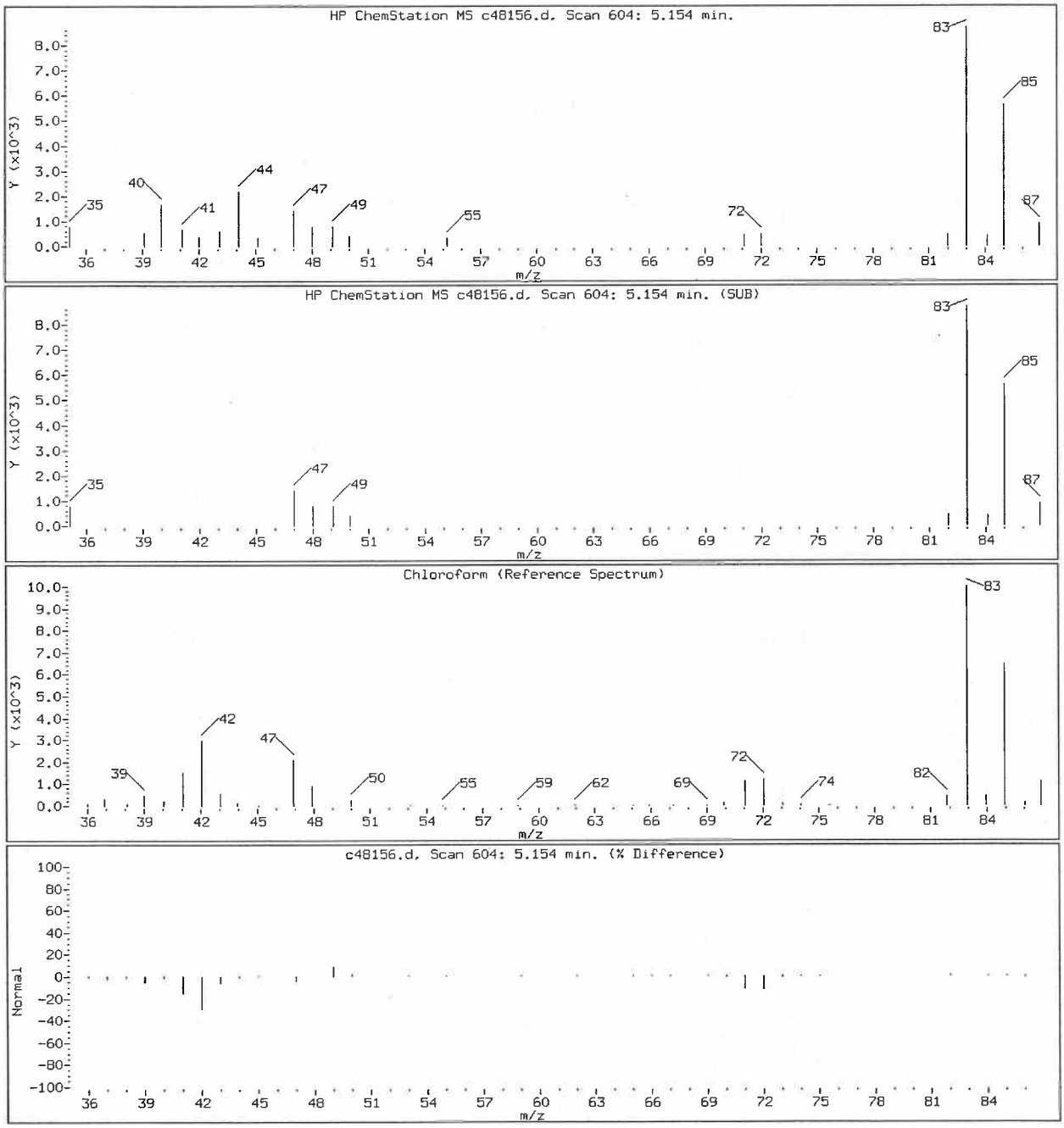
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

42 Chloroform



05/12/2010

Data File: c48156.d

Date: 07-MAY-2010 18:16

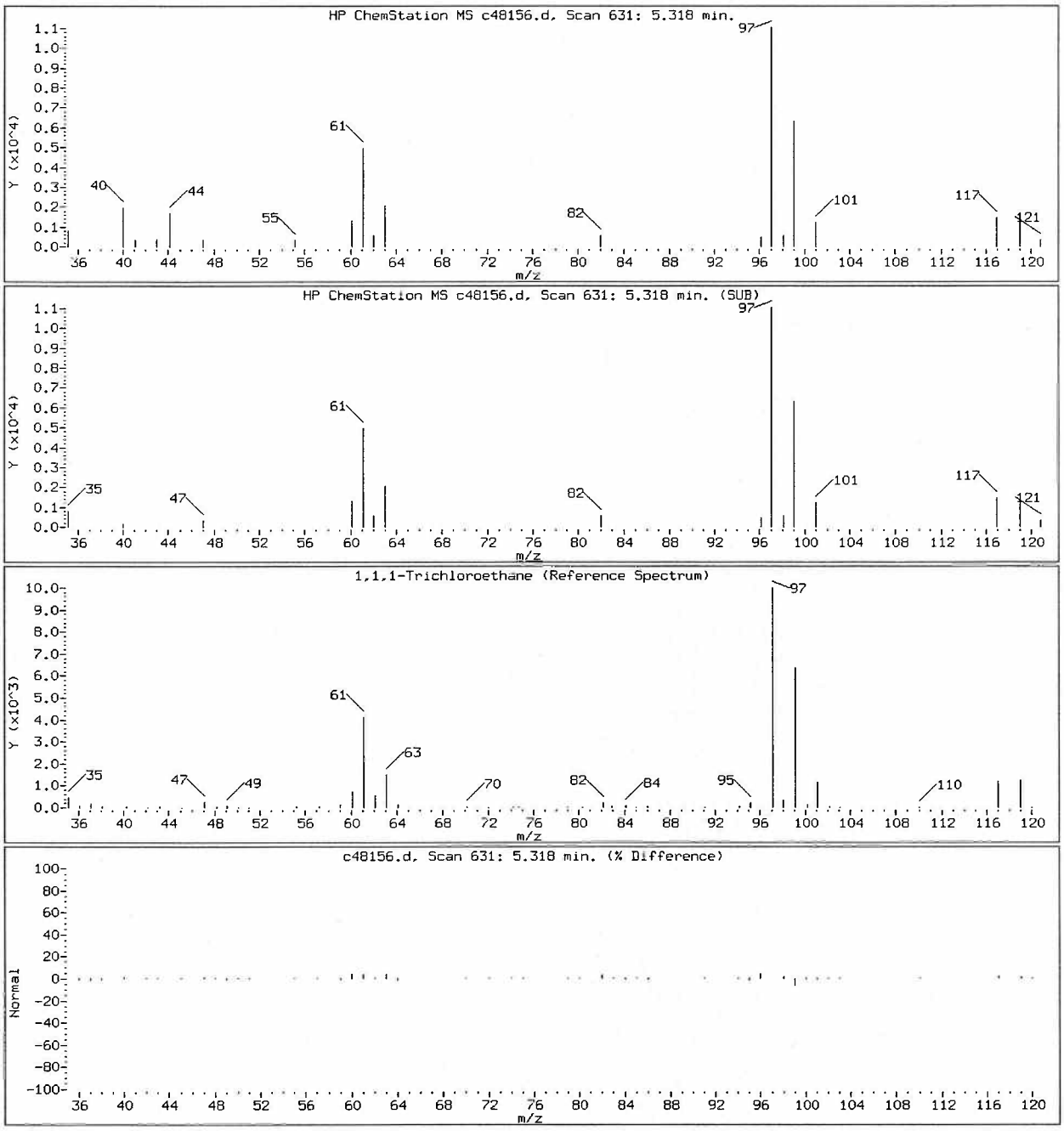
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

43 1,1,1-Trichloroethane



Data File: c48156.d

Date: 07-MAY-2010 18:16

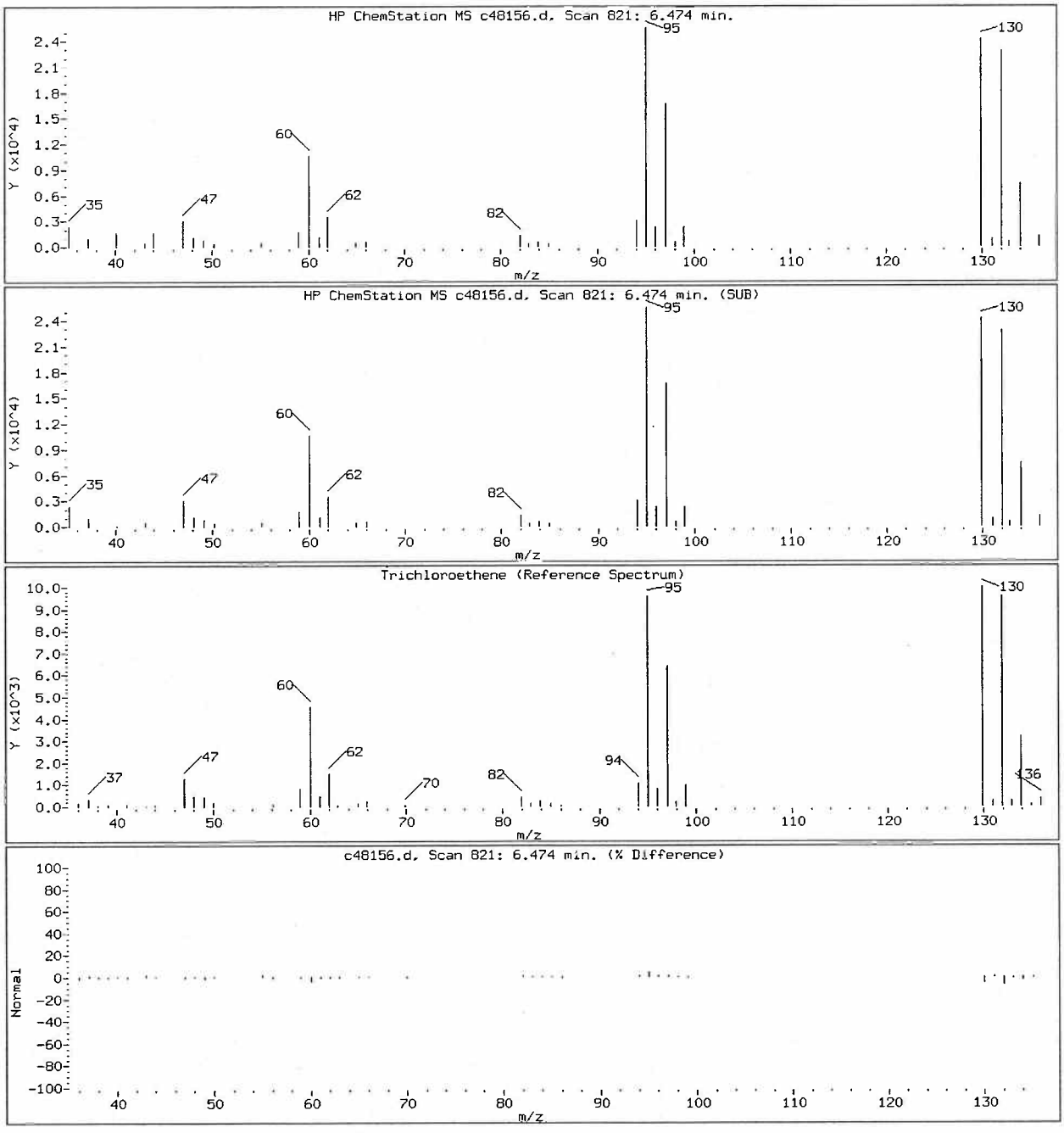
Client ID: Dupe

Instrument: VOAMS3.i

Sample Info: 460-12879-C-3

Operator:

54 Trichloroethene



05/12/2010

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-12879-1

SDG No.:

Client Sample ID: trip blank | Lab Sample ID: 460-12879-4

Matrix: Water | Lab File ID: c48157.d

Analysis Method: 8260B | Date Collected: 05/04/2010 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 18:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 36844 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: trip blank Lab Sample ID: 460-12879-4

Matrix: Water Lab File ID: c48157.d

Analysis Method: 8260B Date Collected: 05/04/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 18:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
460-00-4	Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	102	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48157.d
Report Date: 10-May-2010 08:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48157.d
Lab Smp Id: 460-12879-B-4 Client Smp ID: trip blank
Inj Date : 07-MAY-2010 18:40
Operator : Inst ID: VOAMS3.i
Smp Info : 460-12879-B-4
Misc Info : 460-12879-B-4
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.762	5.756	(0.947)	290298	51.5764	52
* 52 Fluorobenzene	96	6.084	6.078	(1.000)	1037417	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	940512	50.8824	51
* 78 Chlorobenzene-d5	117	8.913	8.913	(1.000)	768117	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	291237	49.3008	49
* 108 1,4-Dichlorobenzene-d4	152	10.659	10.659	(1.000)	372456	50.0000	

Data File: c48157.d

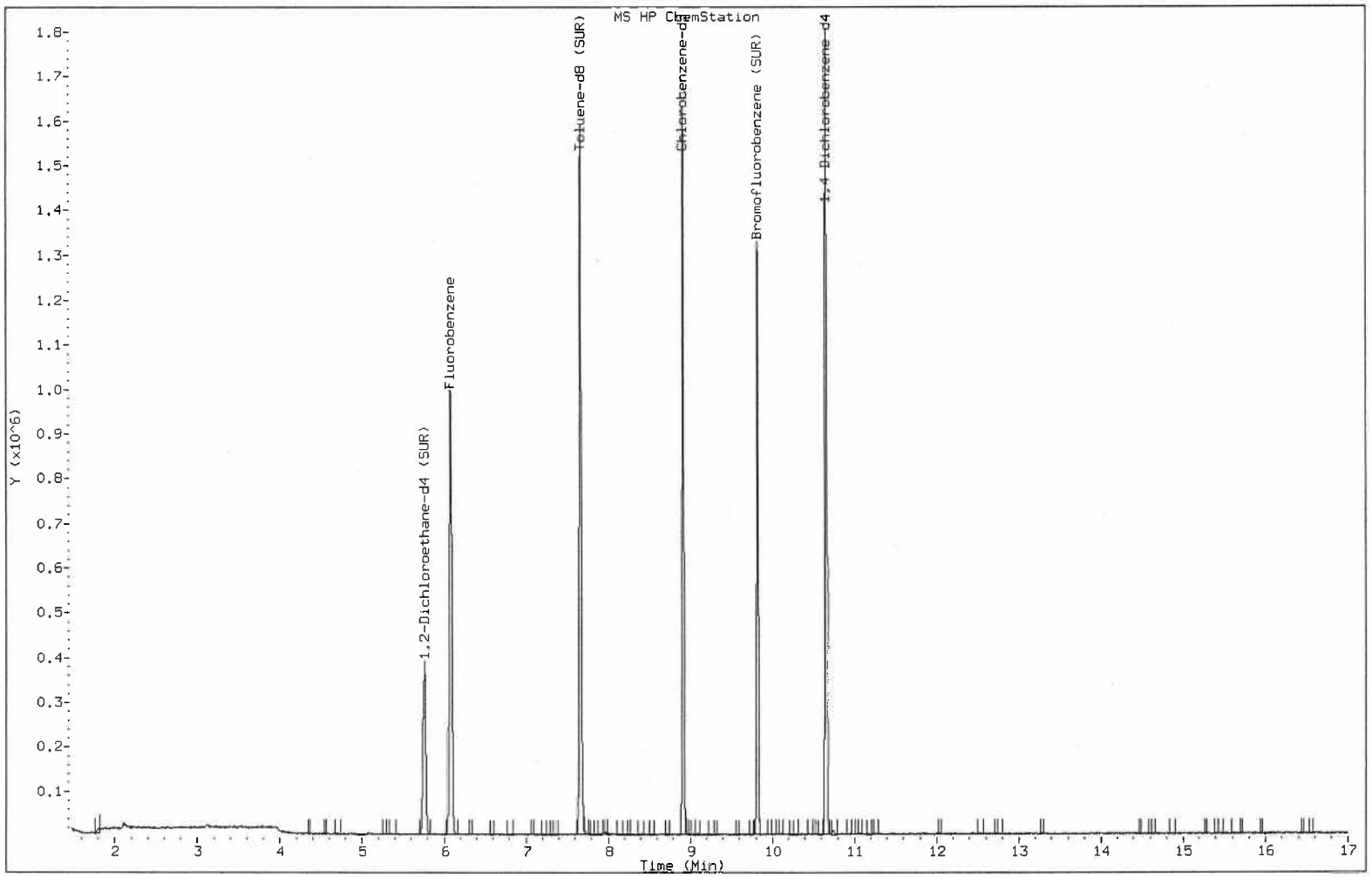
Date: 07-MAY-2010 18:40

Client ID: trip blank

Instrument: VOAMS3.i

Sample Info: 460-12879-B-4

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-36830/2	c48105.d
Level 2	IC 460-36830/3	c48108.d
Level 3	ICIS 460-36830/4	c48110.d
Level 4	IC 460-36830/5	c48111.d
Level 5	IC 460-36830/6	c48112.d
Level 6	IC 460-36830/7	c48113.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	0.4134 0.3095	0.3910	0.3250	0.3163	0.3024	Ave		0.3429				13.7		15.0			
Chloromethane	0.4993 0.4512	0.5090	0.4712	0.4589	0.4380	Ave		0.4713			0.1000	5.9		15.0			
Vinyl chloride	0.4331 0.4575	0.5151	0.4847	0.4595	0.4449	Ave		0.4658				6.4		30.0			
Bromomethane	0.2311 0.2851	0.2935	0.2568	0.2248	0.2358	Ave		0.2545				11.4		15.0			
Chloroethane	0.3947 0.3060	0.3616	0.3231	0.3068	0.2964	Ave		0.3314				11.7		15.0			
Trichlorofluoromethane	0.5933 0.5692	0.6185	0.5842	0.5574	0.5489	Ave		0.5786				4.4		15.0			
n-Pentane	0.0868 0.0849	0.1057	0.0895	0.0862	0.0816	Ave		0.0891				9.6		15.0			
Ethanol	0.0025 0.0026	0.0022	0.0022	0.0023	0.0023	Ave		0.0023				6.1		15.0			
Ethyl ether	0.3889 0.3402	0.3827	0.3707	0.3497	0.3265	Ave		0.3598				6.9		15.0			
Isopropene	0.6980 0.6366	0.6537	0.6679	0.6454	0.6170	Ave		0.6531				4.3		15.0			
Freon TF	0.3212 0.3796	0.3932	0.3925	0.3757	0.3612	Ave		0.3706				7.3		15.0			
Acrolein	0.0812 0.0735	0.0826	0.0811	0.0654	0.0690	Ave		0.0755				9.6		15.0			
1,1-Dichloroethene	0.3793 0.3378	0.3364	0.3449	0.3393	0.3223	Ave		0.3433				5.6		30.0			
Acetone	0.0563 0.0420	0.0469	0.0597	0.0482	0.0416	LinF		0.0420							0.9992		0.9900
Isopropanol	0.0259 0.0262	0.0251	0.0263	0.0270	0.0254	Ave		0.0260				2.5		15.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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								
Carbon disulfide	1.1219 1.0035	1.0989	1.0997	1.0459	1.0107	Ave		1.0634				4.7		15.0			
Methyl acetate	0.1848 0.0989	0.1138	0.1086	0.1027	0.0966	LinF		0.0986							0.9999		0.9900
Acetonitrile	0.0150 0.0103	0.0115	0.0110	0.0103	0.0098	LinF		0.0102							0.9996		0.9900
Methylene Chloride	0.5348 0.4012	0.4435	0.4216	0.4168	0.3842	Ave		0.4337				12.3		15.0			
TBA	0.0597 0.0398	0.0411	0.0426	0.0420	0.0388	LinF		0.0397							0.9998		0.9900
MTBE	1.3727 1.0881	1.1865	1.2146	1.1680	1.0951	Ave		1.1875				8.7		15.0			
trans-1,2-Dichloroethene	0.5477 0.3974	0.4141	0.4050	0.3994	0.3768	Ave		0.4234				14.7		15.0			
Acrylonitrile	0.2137 0.1698	0.1721	0.1688	0.1508	0.1585	Ave		0.1723				12.7		15.0			
Hexane	0.3823 0.2981	0.3714	0.3221	0.2975	0.2872	Ave		0.3264				12.5		15.0			
DIPE	1.3843 1.1995	1.3333	1.3734	1.3182	1.2237	Ave		1.3054				5.9		15.0			
1,1-Dichloroethane	0.7027 0.6816	0.7019	0.7251	0.6991	0.6551	Ave		0.6942			0.1000	3.4		15.0			
Vinyl acetate	0.8663 0.3857	0.4425	0.4615	0.3889	0.3470	LinF		0.3811							0.9980		0.9900
Allyl alcohol	0.0083 0.0078	0.0077	0.0077	0.0081	0.0075	Ave		0.0078				3.6		15.0			
Tert-butyl ethyl ether	1.3469 1.1419	1.2604	1.2635	1.2129	1.1446	Ave		1.2284				6.4		15.0			
2,2-Dichloropropane	0.5269 0.4504	0.4797	0.4951	0.4699	0.4378	Ave		0.4766				6.7		15.0			
cis-1,2-Dichloroethene	0.4196 0.4190	0.4292	0.4342	0.4261	0.3973	Ave		0.4209				3.1		15.0			
2-Butanone	0.0563 0.0507	0.0538	0.0583	0.0521	0.0491	Ave		0.0534				6.5		15.0			
Ethyl acetate	0.0789 0.0456	0.0493	0.0510	0.0449	0.0431	LinF		0.0453							0.9994		0.9900
Tetrahydrofuran	0.1986 0.1138	0.1359	0.1254	0.1170	0.1100	LinF		0.1133							0.9998		0.9900
Bromochloromethane	0.1872 0.1682	0.1851	0.1880	0.1832	0.1650	Ave		0.1794				5.7		15.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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								
Chloroform	0.7698 0.6337	0.6663	0.6777	0.6528	0.6075	Ave		0.6680				8.3		30.0			
Cyclohexane	0.6558 0.7105	0.7300	0.7468	0.7090	0.6809	Ave		0.7055				4.7		15.0			
1,1,1-Trichloroethane	0.5389 0.5667	0.5712	0.5976	0.5746	0.5396	Ave		0.5648				4.0		15.0			
Carbon tetrachloride	0.4636 0.4802	0.4516	0.4986	0.4860	0.4593	Ave		0.4732				3.8		15.0			
1,1-Dichloropropene	0.4657 0.5203	0.4956	0.5429	0.5295	0.4972	Ave		0.5085				5.5		15.0			
Benzene	2.2154 1.8932	2.1639	2.1948	2.1352	1.9825	Ave		2.0975				6.2		15.0			
Isopropyl acetate	1.0160 0.7740	0.8651	0.9125	0.8866	0.8299	Ave		0.8807				9.3		15.0			
Tert-amyl methyl ether	1.2323 1.0902	1.1493	1.1658	1.1426	1.0750	Ave		1.1426				4.9		15.0			
1,2-Dichloroethane	0.5090 0.4551	0.4881	0.4909	0.4779	0.4383	Ave		0.4766				5.4		15.0			
n-Heptane	0.2834 0.2476	0.2515	0.2563	0.2439	0.2365	Ave		0.2532				6.4		15.0			
n-Butanol	0.0110 0.0115	0.0106	0.0112	0.0117	0.0112	Ave		0.0112				3.5		15.0			
Trichloroethene	0.3935 0.4004	0.4164	0.4136	0.4054	0.3829	Ave		0.4020				3.1		15.0			
Methylcyclohexane	0.5414 0.6897	0.7132	0.7211	0.6957	0.6627	Ave		0.6706				9.9		15.0			
Ethyl acrylate	1.1279 0.9786	1.0054	1.0599	1.0299	0.9784	Ave		1.0300				5.6		15.0			
1,2-Dichloropropane	0.4356 0.3903	0.3950	0.4172	0.3954	0.3734	Ave		0.4012				5.5		30.0			
Methyl methacrylate	0.1530 0.1109	0.1104	0.1152	0.1140	0.1055	Ave		0.1182				14.7		15.0			
1,4-Dioxane	0.0043 0.0045	0.0042	0.0044	0.0045	0.0044	Ave		0.0044				2.6		15.0			
Dibromomethane	0.2591 0.2123	0.2360	0.2251	0.2180	0.2034	Ave		0.2257				8.8		15.0			
Propyl acetate	1.1238 0.5020	0.7184	0.6321	0.5880	0.5231	LinF		0.5061							0.9992		0.9900
Bromodichloromethane	0.5336 0.4972	0.5299	0.5311	0.5119	0.4791	Ave		0.5138				4.3		15.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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-Chloroethyl vinyl ether	0.2850 0.2492	0.2547	0.2590	0.2565	0.2424	Ave		0.2578				5.7		15.0			
Epichlorohydrin	0.0634 0.0487	0.0530	0.0538	0.0527	0.0492	Ave		0.0535				9.9		15.0			
cis-1,3-Dichloropropene	0.8754 0.7725	0.8479	0.8167	0.8054	0.7495	Ave		0.8112				5.7		15.0			
4-Methyl-2-pentanone	0.4480 0.4827	0.4841	0.4989	0.4932	0.4634	Ave		0.4784				4.0		15.0			
Toluene	2.9415 1.7422	2.4050	2.3731	2.2810	2.0534	QuaF		0.4110	0.0093						1.0000		0.9900
trans-1,3-Dichloropropene	0.8248 0.6961	0.7556	0.7417	0.7226	0.6791	Ave		0.7367				7.0		15.0			
1,1,2-Trichloroethane	0.4131 0.3665	0.3695	0.3882	0.3802	0.3502	Ave		0.3779				5.7		15.0			
Tetrachloroethene	0.4361 0.5115	0.4723	0.5173	0.5092	0.4863	Ave		0.4888				6.3		15.0			
1,3-Dichloropropane	0.8593 0.7452	0.8179	0.7983	0.7891	0.7295	Ave		0.7899				6.0		15.0			
2-Hexanone	0.3327 0.3278	0.3225	0.3442	0.3384	0.3207	Ave		0.3310				2.8		15.0			
Butyl acetate	0.1722 0.1410	0.1480	0.1448	0.1431	0.1334	Ave		0.1471				9.0		15.0			
Dibromochloromethane	0.5819 0.4766	0.5035	0.4958	0.4925	0.4564	Ave		0.5011				8.6		15.0			
1,2-Dibromoethane	0.5377 0.4346	0.4606	0.4570	0.4534	0.4213	Ave		0.4608				8.8		15.0			
Chlorobenzene	1.4304 1.1909	1.3640	1.3859	1.3625	1.2603	Ave		1.3323			0.3000	6.7		15.0			
Ethylbenzene	0.6960 0.7595	0.7530	0.7877	0.7726	0.7363	Ave		0.7508				4.3		30.0			
1,1,1,2-Tetrachloroethane	0.5205 0.4636	0.4853	0.4818	0.4681	0.4401	Ave		0.4766				5.6		15.0			
m&p-Xylene	0.8506 0.7609	0.9076	0.9642	0.9327	0.8742	Ave		0.8817				8.1		15.0			
Butyl acrylate	0.5366 0.3886	0.4037	0.4001	0.4017	0.3743	Ave		0.4175				14.2		15.0			
o-Xylene	0.8680 0.8550	0.8838	0.9266	0.8964	0.8452	Ave		0.8792				3.4		15.0			
Styrene	1.6014 1.3097	1.5477	1.5868	1.5611	1.4451	Ave		1.5086				7.4		15.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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								
Amly acetate	2.2622 1.5637	1.8208	1.8194	1.7502	1.6688	Ave		1.8142				13.2		15.0			
Bromoform	0.3317 0.3025	0.3052	0.3121	0.3112	0.2928	Ave		0.3092			0.1000	4.2		15.0			
Isopropylbenzene	2.0827 1.6304	2.1567	2.3197	2.2361	2.0288	Ave		2.0758				11.6		15.0			
Camphene, Total	0.8332	1.0365	0.9190	0.8706	0.8325	Ave		0.8984				9.5		15.0			
Monobromobenzene	1.1168 1.0422	1.0911	1.1783	1.1028	1.0623	Ave		1.0989				4.3		15.0			
1,1,2,2-Tetrachloroethane	1.2488 1.0466	1.0676	1.1604	1.0815	1.0255	Ave		1.1051			0.3000	7.6		15.0			
N-Propylbenzene	5.1686 +++++	5.5904	6.2035	5.8117	5.2232	Ave		5.5995				7.7		15.0			
trans-1,4-Dichloro-2-butene	0.4371 0.3438	0.3824	0.3838	0.3674	0.3461	Ave		0.3768				9.1		15.0			
1,2,3-Trichloropropane	0.4329 0.3436	0.3520	0.3792	0.3633	0.3417	Ave		0.3688				9.3		15.0			
2-Chlorotoluene	3.4245 2.7103	3.2948	3.6694	3.4612	3.2282	Ave		3.2981				9.9		15.0			
1,3,5-Trimethylbenzene	3.7972 2.9122	3.7876	4.1537	3.8872	3.6004	Ave		3.6897				11.4		15.0			
Butyl Methacrylate	1.6295 1.4203	1.4986	1.5487	1.4888	1.4098	Ave		1.4993				5.5		15.0			
4-Chlorotoluene	3.5391 2.7378	3.4955	3.6362	3.4400	3.2640	Ave		3.3521				9.7		15.0			
tert-Butylbenzene	2.9228 2.7119	3.1526	3.5173	3.2952	3.1089	Ave		3.1181				9.0		15.0			
1,2,4-Trimethylbenzene	4.0151 2.9446	3.8564	4.1788	3.9642	3.6425	Ave		3.7669				11.7		15.0			
2-Octanone	2.3212 1.6259	1.8176	1.8558	1.7892	1.6738	Ave		1.8473				13.4		15.0			
2-Octanol	0.8481 0.6873	0.7425	0.7366	0.7624	0.6993	Ave		0.7460				7.7		15.0			
sec-Butylbenzene	4.2610 3.4103	4.6664	5.2346	4.9106	4.4661	Ave		4.4915				14.0		15.0			
p-Isopropyltoluene	3.5319 2.9955	3.8125	4.2932	4.0528	3.7280	Ave		3.7356				12.0		15.0			
1,3-Dichlorobenzene	2.0298 1.8868	2.0232	2.1638	2.0452	1.9367	Ave		2.0143				4.8		15.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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								
1,4-Dichlorobenzene	2.1229 1.8982	2.0313	2.1657	2.0674	1.9418	Ave		2.0379				5.1		15.0			
Benzyl chloride	2.2259 1.6204	1.9475	1.9518	1.8301	1.6935	Ave		1.8782				11.5		15.0			
n-Butylbenzene	2.8956 2.8032	3.4368	3.8424	3.6562	3.4070	Ave		3.3402				12.4		15.0			
1,2-Dichlorobenzene	1.9113 1.7641	1.9413	1.9968	1.8972	1.7916	Ave		1.8837				4.7		15.0			
1,2-Dibromo-3-Chloropropane	0.2941 0.2075	0.2368	0.2409	0.2217	0.2164	Ave		0.2362				13.1		15.0			
Camphor	0.2050 0.1292	0.1525	0.1533	0.1503	0.1405	LinF		0.1311							0.9983		0.9900
1,2,4-Trichlorobenzene	1.0486 1.0167	1.0176	1.0945	1.0643	1.0699	Ave		1.0519				2.9		15.0			
Hexachlorobutadiene	0.3516 0.4554	0.4439	0.4994	0.4726	0.4656	Ave		0.4481				11.3		15.0			
Naphthalene	3.4219 2.8197	3.1761	3.4314	3.3286	3.1764	Ave		3.2257				7.1		15.0			
1,2,3-Trichlorobenzene	0.8597 0.8809	0.8729	0.9374	0.9265	0.8991	Ave		0.8961				3.4		15.0			
Methylnaphthalene (total)	1.3070 1.4356	1.4520	1.5598	1.5209	1.6773	Ave		1.4921				8.4		15.0			
Dimethylnaphthalene (total)	0.3394 0.4667	0.4857	0.4598	0.4629	0.5227	Ave		0.4562				13.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2700 0.2773	0.2708	0.2691	0.2725	0.2680	Ave		0.2713				1.2		15.0			
Toluene-d8 (Surr)	1.1943 1.2123	1.2001	1.2028	1.2057	1.2040	Ave		1.2032				0.5		15.0			
Bromofluorobenzene	0.7915 0.7558	0.7913	0.8163	0.7904	0.8128	Ave		0.7930				2.7		15.0			

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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-36830/2	c48105.d
Level 2	IC 460-36830/3	c48108.d
Level 3	ICIS 460-36830/4	c48110.d
Level 4	IC 460-36830/5	c48111.d
Level 5	IC 460-36830/6	c48112.d
Level 6	IC 460-36830/7	c48113.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	7963 3221463	38826	131751	324341	1294140	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9617 4695952	50547	191020	470564	1874569	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8341 4761919	51149	196479	471241	1904148	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4451 2966818	29145	104104	230500	1009111	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	7602 3184951	35911	130989	314593	1268613	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	11428 5923802	61420	236792	571605	2349224	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1672 883959	10493	36286	88415	349126	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	47209 319113	86575	134295	190114	248889	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	7490 3540475	38001	150287	358667	1397424	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	13444 6626079	64915	270721	661890	2640540	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	6187 3950446	39042	159123	385298	1545829	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6259 612245	32792	65771	134123	295217	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	7305 3516026	33406	139795	347983	1379418	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	10845 436983	13959	24191	49398	178024	10.0 500	15.0	20.0	50.0	200
Isopropanol	FB	Ave	499657 3273112	998115	1599507	2211307	2716304	1000 6000	2000	3000	4000	5000
Carbon disulfide	FB	Ave	21608 10444381	109118	445775	1072586	4325445	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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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
Methyl acetate	FB	LinF	3559 1028883	11302	44031	105309	413485	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	5771 2134036	22906	89058	211766	839074	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	10300 4175830	44039	170917	427441	1644406	1.00 500	5.00	20.0	50.0	200
TBA	FB	LinF	23014 8289770	81561	345085	861506	3319352	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	26439 11325064	117821	492361	1197767	4686727	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	10549 4136146	41121	164181	409581	1612755	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	8230 706690	34178	68444	154639	339065	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	7363 3102134	36876	130585	305134	1229107	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	26662 12483983	132394	556732	1351795	5237164	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	13534 7093580	69697	293924	716926	2803421	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	16686 4014719	43938	187082	398834	1485166	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	FB	Ave	159069 979032	304105	469256	664243	804128	1000 6000	2000	3000	4000	5000
Tert-butyl ethyl ether	FB	Ave	25941 11884598	125155	512189	1243807	4898293	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	10148 4687751	47637	200687	481854	1873449	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8082 4360724	42616	175994	436943	1700231	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	10845 527885	16026	23648	53409	209945	10.0 500	15.0	20.0	50.0	200
Ethyl acetate	FB	LinF	3041 949468	9800	41313	92000	368819	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	3826 1184335	13490	50843	119953	470919	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	3606 1750749	18380	76191	187855	705984	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	14827 6595544	66161	274710	669496	2599953	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	12630 7395231	72490	302741	727106	2914187	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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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
1,1,1-Trichloroethane	FB	Ave	10379 5898517	56718	242223	589236	2309355	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	8929 4997703	44845	202120	498373	1965524	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	8970 5415180	49215	220072	543040	2127686	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	31825 14993619	160721	677065	1660600	6444430	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	39136 16111915	171815	739794	1818370	7103624	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	23735 11346920	114121	472563	1171786	4600832	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	9804 4736995	48464	198998	490131	1875803	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5459 2576695	24970	103902	250123	1012105	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	105926 716804	210389	341076	481778	596979	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	7578 4166859	41348	167658	415765	1638701	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	10427 7178382	70817	292287	713456	2836310	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	21724 10184581	99836	429639	1056129	4187246	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	8389 4062534	39219	169133	405515	1598232	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2947 1154478	10962	46690	116910	451506	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	83394 567962	167547	264618	367052	470563	1000 6000	2000	3000	4000	5000
Dibromomethane	FB	Ave	4991 2209536	23433	91249	223592	870481	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	LinF	43288 10449130	142674	512488	1205978	4477664	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	10278 5174325	52624	215284	525002	2050172	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	5489 2593606	25287	104995	263021	1037560	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	18209 7706097	78678	331881	820162	3199699	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	12575 6118260	62976	251930	626381	2436222	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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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
4-Methyl-2-pentanone	CBZ	Ave	64353 3823069	107862	153889	383579	1506316	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	QuaF	42256 13798006	178631	732059	1773962	6674855	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	11849 5512922	56122	228814	561977	2207629	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	5934 2902310	27445	119763	295662	1138442	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	6265 4051195	35082	159590	395989	1580675	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	12345 5901930	60751	246261	613664	2371510	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	47800 2595776	71852	106185	263159	1042565	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	4948 2233299	21981	89362	222602	867573	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	8359 3774820	37400	152941	383008	1483623	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	7725 3441657	34214	140982	352581	1369536	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	20549 9431467	101314	427519	1059668	4096830	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	9998 6015238	55928	242985	600864	2393534	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	7478 3671679	36044	148615	364028	1430750	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	24438 12052356	134818	594895	1450818	5683351	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	7708 3077884	29985	123422	312448	1216710	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	12469 6771689	65645	285833	697155	2747414	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	23005 10372705	114954	489508	1214120	4697387	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	15697 6245980	66231	263881	662382	2559149	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	4765 2395476	22669	96281	242000	951949	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29919 12912626	160192	715597	1739060	6595075	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	6598866	76986	283511	677050	2706163	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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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
Monobromobenzene	DCB	Ave	7749 4163134	39688	170900	417357	1629034	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	8665 4180459	38834	168307	409320	1572618	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	35864 +++++	203352	899749	2199488	8009863	1.00 +++++	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	3033 1373383	13910	55665	139031	530723	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	3004 1372539	12805	55006	137504	524026	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	23762 10826043	119851	532215	1309920	4950500	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	26348 11632521	137777	602454	1471156	5521311	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	11307 5673101	54513	224619	563454	2161891	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	24557 10935809	127152	527401	1301885	5005370	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	20281 10832408	114676	510146	1247114	4767562	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	27860 11761673	140277	606097	1500297	5585842	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	16106 6494508	66117	269163	677141	2566804	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	Ave	5885 2745246	27009	106842	288535	1072429	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	29566 13621924	169742	759227	1858476	6848854	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	24507 11965349	138681	622688	1533807	5716895	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	14084 7536719	73595	313836	774038	2969965	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	14730 7582104	73889	314117	782420	2977812	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	15445 6472351	70840	283082	692632	2597001	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	20092 11197066	125014	557305	1383720	5224617	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	13262 7046603	70615	289609	717998	2747463	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	2041 828813	8612	34947	83894	331828	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.: 460-12879-1 Analy Batch No.: 36830

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 20:38 Calibration End Date: 05/07/2010 00:36 Calibration ID: 6106

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
Camphor	DCB	LinF	7112 2581126	27738	111200	284390	1077607	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7276 4060899	37017	158749	402780	1640660	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2440 1818989	16148	72434	178843	714028	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	23744 11262958	115533	497686	1259743	4871078	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	5965 3518561	31751	135958	350660	1378744	1.00 500	5.00	20.0	50.0	200
Methylnaphthalene (total)	DCB	Ave	9069 2293795	52817	226237	575616	1286074	1.00 200	5.00	20.0	50.0	100
Dimethylnaphthalene (total)	DCB	Ave	2355 745741	17666	66687	175190	400799	1.00 200	5.00	20.0	50.0	100
1,2-Dichloroethane-d4 (Surr)	FB	Ave	259990 288561	268893	272723	279497	286702	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	857852 960081	891350	927646	937718	978458	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	274617 301889	287838	295997	299139	311609	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab Sample ID: CCVIS 460-36844/6 Calibration Date: 05/07/2010 10:50

Instrument ID: VOAMS3 Calib Start Date: 05/06/2010 20:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/07/2010 00:36

Lab File ID: c48138.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	0.3429	0.3135		18.3	20.0	-8.6	50.0
Chloromethane	Ave	0.4713	0.4624	0.1000	19.6	20.0	-1.9	50.0
Vinyl chloride	Ave	0.4658	0.4609		19.8	20.0	-1.1	20.0
Bromomethane	Ave	0.2545	0.2371		18.6	20.0	-6.9	50.0
Chloroethane	Ave	0.3314	0.3109		18.8	20.0	-6.2	50.0
Trichlorofluoromethane	Ave	0.5786	0.5536		19.1	20.0	-4.3	50.0
n-Pentane	Ave	0.0891	0.0938		21.1	20.0	5.3	50.0
Ethanol	Ave	0.0023	0.0022		2760	3000	-8.1	50.0
Ethyl ether	Ave	0.3598	0.3704		20.6	20.0	2.9	50.0
Isopropene	Ave	0.6531	0.6778		20.8	20.0	3.8	50.0
Freon TF	Ave	0.3706	0.4078		22.0	20.0	10.1	50.0
Acrolein	Ave	0.0755	0.0907		48.1	40.0	20.2	99.0
1,1-Dichloroethene	Ave	0.3433	0.3639		21.2	20.0	6.0	20.0
Acetone	LinF	0.0491	0.0484		23.0	20.0	15.1	50.0
Isopropanol	Ave	0.0260	0.0256		2950	3000	-1.5	50.0
Carbon disulfide	Ave	1.063	1.100		20.7	20.0	3.4	50.0
Methyl acetate	LinF	0.1176	0.1037		21.0	20.0	5.1	50.0
Acetonitrile	LinF	0.0113	0.0113		442	400	10.4	50.0
Methylene Chloride	Ave	0.4337	0.4557		21.0	20.0	5.1	50.0
TBA	LinF	0.0440	0.0422		425	400	6.2	50.0
MTBE	Ave	1.188	1.203		20.3	20.0	1.3	50.0
trans-1,2-Dichloroethene	Ave	0.4234	0.4159		19.6	20.0	-1.8	50.0
Acrylonitrile	Ave	0.1723	0.1515		17.6	20.0	-12.1	50.0
Hexane	Ave	0.3264	0.3392		20.8	20.0	3.9	50.0
DIPE	Ave	1.305	1.363		20.9	20.0	4.4	50.0
1,1-Dichloroethane	Ave	0.6942	0.7493	0.1000	21.6	20.0	7.9	50.0
Allyl alcohol	Ave	0.0078	0.0075		2860	3000	-4.7	50.0
Tert-butyl ethyl ether	Ave	1.228	1.263	0.0100	20.6	20.0	2.8	50.0
2,2-Dichloropropane	Ave	0.4766	0.6492		27.2	20.0	36.2	50.0
cis 1,2-Dichloroethene	Ave	0.4209	0.4529		21.5	20.0	7.6	50.0
2-Butanone	Ave	0.0534	0.0528		19.8	20.0	-1.1	50.0
Ethyl acetate	LinF	0.0521	0.0497		43.9	40.0	9.7	50.0
Tetrahydrofuran	LinF	0.1335	0.1307		23.1	20.0	15.3	50.0
Bromochloromethane	Ave	0.1794	0.1990		22.2	20.0	10.9	50.0
Chloroform	Ave	0.6680	0.7005		21.0	20.0	4.9	20.0
Cyclohexane	Ave	0.7055	0.7542		21.4	20.0	6.9	50.0
1,1,1-Trichloroethane	Ave	0.5648	0.6090		21.6	20.0	7.8	50.0
Carbon tetrachloride	Ave	0.4732	0.5135		21.7	20.0	8.5	50.0
1,1-Dichloropropene	Ave	0.5085	0.5638		22.2	20.0	10.9	50.0
Benzene	Ave	2.097	2.261		21.6	20.0	7.8	50.0
Isopropyl acetate	Ave	0.8807	0.9006		40.9	40.0	2.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab Sample ID: CCVIS 460-36844/6 Calibration Date: 05/07/2010 10:50

Instrument ID: VOAMS3 Calib Start Date: 05/06/2010 20:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/07/2010 00:36

Lab File ID: c48138.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
Tert-amyl methyl ether	Ave	1.143	1.168		20.5	20.0	2.3	50.0
1,2-Dichloroethane	Ave	0.4766	0.5096		21.4	20.0	6.9	50.0
n-Heptane	Ave	0.2532	0.3047		24.1	20.0	20.3	50.0
n-Butanol	Ave	0.0112	0.0105		1410	1500	-5.9	50.0
Trichloroethene	Ave	0.4020	0.4171		20.8	20.0	3.8	50.0
Ethyl acrylate	Ave	1.030	1.060		20.6	20.0	3.0	50.0
Methylcyclohexane	Ave	0.6706	0.7358		21.9	20.0	9.7	50.0
1,2-Dichloropropane	Ave	0.4012	0.4240		21.1	20.0	5.7	20.0
Methyl methacrylate	Ave	0.1182	0.1144		19.4	20.0	-3.2	50.0
1,4-Dioxane	Ave	0.0044	0.0043		2920	3000	-2.7	50.0
Propyl acetate	LinF	0.6812	0.6239		49.3	40.0	23.3	50.0
Dibromomethane	Ave	0.2257	0.2337		20.7	20.0	3.6	50.0
Bromodichloromethane	Ave	0.5138	0.5459		21.2	20.0	6.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2578	0.2538		19.7	20.0	-1.6	50.0
Epichlorohydrin	Ave	0.0535	0.0567		424	400	6.0	50.0
cis-1,3-Dichloropropene	Ave	0.8112	0.9019		22.2	20.0	11.2	50.0
4-Methyl-2-pentanone	Ave	0.4784	0.4819		20.1	20.0	0.7	50.0
Toluene	QuaF	2.299	2.441		20.5	20.0	2.6	20.0
trans-1,3-Dichloropropene	Ave	0.7367	0.8049		21.9	20.0	9.3	50.0
1,1,2-Trichloroethane	Ave	0.3779	0.4062		21.5	20.0	7.5	50.0
Tetrachloroethene	Ave	0.4888	0.5419		22.2	20.0	10.9	50.0
1,3-Dichloropropane	Ave	0.7899	0.8409		21.3	20.0	6.5	50.0
2-Hexanone	Ave	0.3310	0.3211		19.4	20.0	-3.0	50.0
Butyl acetate	Ave	0.1471	0.1403		38.2	40.0	-4.6	50.0
Dibromochloromethane	Ave	0.5011	0.5140		20.5	20.0	2.6	50.0
1,2-Dibromoethane	Ave	0.4608	0.4781		20.8	20.0	3.8	50.0
Chlorobenzene	Ave	1.332	1.482	0.3000	22.2	20.0	11.2	50.0
Ethylbenzene	Ave	0.7508	0.8417		22.4	20.0	12.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4766	0.4968		20.8	20.0	4.2	50.0
m&p-Xylene	Ave	0.8817	1.017		46.1	40.0	15.3	50.0
Butyl acrylate	Ave	0.4175	0.4059		19.4	20.0	-2.8	50.0
o-Xylene	Ave	0.8792	0.9731		22.1	20.0	10.7	50.0
Styrene	Ave	1.509	1.663		22.1	20.0	10.3	50.0
Amly acetate	Ave	1.814	1.744		19.2	20.0	-3.9	50.0
Bromoform	Ave	0.3092	0.3158	0.1000	20.4	20.0	2.1	50.0
Isopropylbenzene	Ave	2.076	2.423		23.3	20.0	16.7	50.0
Camphene, Total	Ave	0.8984	0.9388		20.9	20.0	4.5	50.0
Monobromobenzene	Ave	1.099	1.166		21.2	20.0	6.1	50.0
1,1,2,2-Tetrachloroethane	Ave	1.105	1.247	0.3000	22.6	20.0	12.8	50.0
N-Propylbenzene	Ave	5.599	6.190		22.1	20.0	10.5	50.0
1,2,3-Trichloropropane	Ave	0.3688	0.3792		20.6	20.0	2.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Lab Sample ID: CCVIS 460-36844/6 Calibration Date: 05/07/2010 10:50

Instrument ID: VOAMS3 Calib Start Date: 05/06/2010 20:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/07/2010 00:36

Lab File ID: c48138.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
trans-1,4-Dichloro-2-butene	Ave	0.3768	0.3804		20.2	20.0	1.0	50.0
2-Chlorotoluene	Ave	3.298	3.716		22.5	20.0	12.7	50.0
1,3,5-Trimethylbenzene	Ave	3.690	4.127		22.4	20.0	11.9	50.0
Butyl Methacrylate	Ave	1.499	1.468		19.6	20.0	-2.1	50.0
4-Chlorotoluene	Ave	3.352	3.707		22.1	20.0	10.6	50.0
tert-Butylbenzene	Ave	3.118	3.443		22.1	20.0	10.4	50.0
1,2,4-Trimethylbenzene	Ave	3.767	4.246		22.5	20.0	12.7	50.0
2-Octanone	Ave	1.847	1.651		17.9	20.0	-10.6	50.0
2-Octanol	Ave	0.7460	0.5901		15.8	20.0	-20.9	50.0
sec-Butylbenzene	Ave	4.492	5.151		22.9	20.0	14.7	50.0
p-Isopropyltoluene	Ave	3.736	4.263		22.8	20.0	14.1	50.0
1,3-Dichlorobenzene	Ave	2.014	2.168		21.5	20.0	7.6	50.0
1,4-Dichlorobenzene	Ave	2.038	2.193		21.5	20.0	7.6	50.0
Benzyl chloride	Ave	1.878	2.641		28.1	20.0	40.6	50.0
n-Butylbenzene	Ave	3.340	3.923		23.5	20.0	17.4	50.0
1,2-Dichlorobenzene	Ave	1.884	2.001		21.2	20.0	6.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2362	0.2346		19.9	20.0	-0.7	50.0
Camphor	LinF	0.1552	0.1320		101	100	0.6	50.0
1,2,4-Trichlorobenzene	Ave	1.052	1.090		20.7	20.0	3.6	50.0
Hexachlorobutadiene	Ave	0.4481	0.4923		22.0	20.0	9.9	50.0
Naphthalene	Ave	3.226	3.349		20.8	20.0	3.8	50.0
1,2,3-Trichlorobenzene	Ave	0.8961	0.9289		20.7	20.0	3.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2713	0.2795		51.5	50.0	3.0	50.0
Toluene-d8 (Surr)	Ave	1.203	1.213		50.4	50.0	0.8	50.0
Bromofluorobenzene	Ave	0.7930	0.7809		49.2	50.0	-1.5	50.0

Data File: /chem/VOAMS3.i/8260_09/05-06-10/06may10.b/c48104.d
Report Date: 07-May-2010 08:16

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/05-06-10/06may10.b/c48104.d
Lab Smp Id: BFB
Inj Date : 06-MAY-2010 20:19
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/06may10.b/VOABFB.m
Meth Date : 12-Oct-2009 19:15 ken 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

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB						CAS #: 460-00-4		
3.771	3.800	(0.000)	95	161741			0.00- 100.00	100.00
3.771	3.800	(0.000)	50	27947			15.00- 40.00	17.28
3.771	3.800	(0.000)	75	76256			30.00- 60.00	47.15
3.771	3.800	(0.000)	96	10012			5.00- 9.00	6.19
3.771	3.800	(0.000)	173	696			0.00- 2.00	0.58
3.771	3.800	(0.000)	174	120280			50.00- 100.00	74.37
3.771	3.800	(0.000)	175	9511			5.00- 9.00	7.91
3.771	3.800	(0.000)	176	115125			95.00- 101.00	95.71
3.771	3.800	(0.000)	177	7372			5.00- 9.00	6.40

Data File: c48104.d

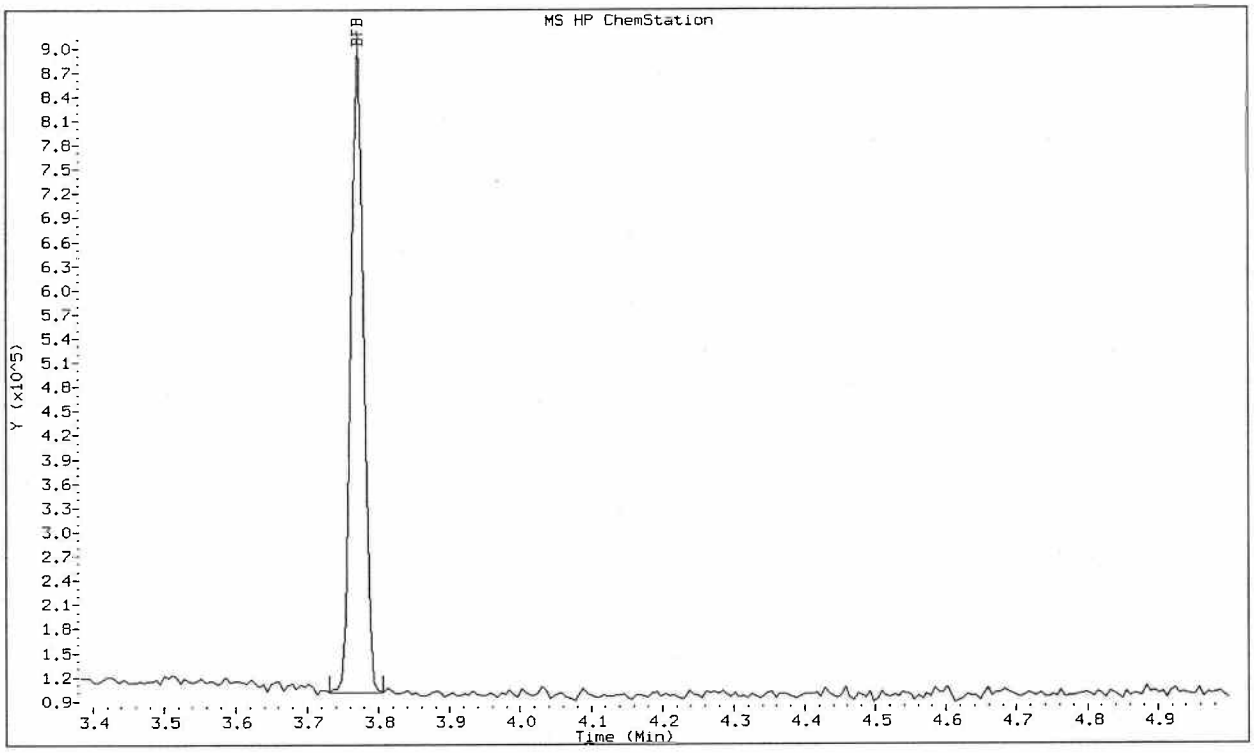
Date: 06-MAY-2010 20:19

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



Data File: c48104.d

Date: 06-MAY-2010 20:19

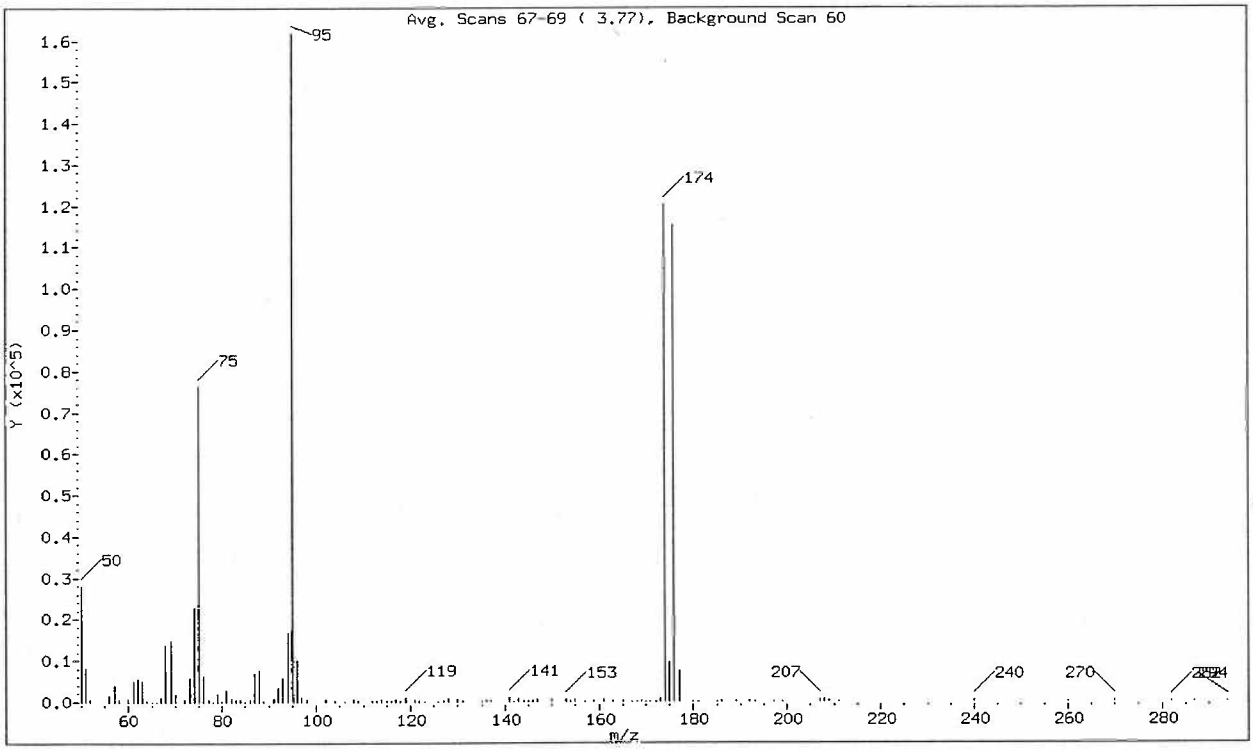
Client ID:

Instrument: VOAMS3.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	17.28
75	30.00 - 60.00% of mass 95	47.15
96	5.00 - 9.00% of mass 95	6.19
173	Less than 2.00% of mass 174	0.43 (0.58)
174	50.00 - 100.00% of mass 95	74.37
175	5.00 - 9.00% of mass 174	5.88 (7.91)
176	95.00 - 101.00% of mass 174	71.18 (95.71)
177	5.00 - 9.00% of mass 176	4.56 (6.40)

Data File: c48104.d

Date: 06-MAY-2010 20:19

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/05-06-10/06may10.b/c48104.d
Spectrum: Avg. Scans 67-69 (3.77), Background Scan 60
Location of Maximum: 95.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	27944	84.00	572	123.00	56	171.00	100
51.00	8175	85.00	72	126.00	26	172.00	104
52.00	570	86.00	469	127.00	193	173.00	696
56.00	1456	87.00	6800	128.00	718	174.00	120280
57.00	4093	88.00	7572	130.00	439	175.00	9511
58.00	504	89.00	325	131.00	173	176.00	115120
60.00	892	91.00	691	135.00	23	177.00	7372
61.00	5038	92.00	3334	136.00	357	180.00	105
62.00	5666	93.00	5854	137.00	158	181.00	117
63.00	5020	94.00	16712	141.00	1130	185.00	23
64.00	311	95.00	161728	142.00	124	186.00	167
65.00	7	96.00	10012	143.00	888	189.00	140
66.00	18	97.00	996	144.00	134	192.00	201
67.00	943	98.00	560	145.00	384	193.00	86
68.00	13798	102.00	453	146.00	163	197.00	117
69.00	14891	104.00	197	147.00	572	199.00	127
70.00	1757	106.00	41	150.00	427	207.00	479
72.00	512	108.00	541	153.00	612	208.00	398
73.00	5811	109.00	198	154.00	360	209.00	272
74.00	22648	112.00	230	155.00	574	211.00	119
75.00	76256	113.00	179	157.00	8	240.00	139
76.00	6417	114.00	534	159.00	328	260.00	119
77.00	628	115.00	221	161.00	501	270.00	224
78.00	123	116.00	205	163.00	302	282.00	114
79.00	1846	117.00	540	165.00	241	287.00	100
80.00	378	118.00	251	167.00	110	294.00	100
81.00	2899	119.00	989	168.00	120		
82.00	800	121.00	415	169.00	231		
83.00	513	122.00	204	170.00	119		

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48137.d
Report Date: 07-May-2010 11:47

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48137.d
Lab Smp Id: BFB
Inj Date : 07-MAY-2010 10:37
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB.
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/VOABFB.m
Meth Date : 12-Oct-2009 19:15 ken 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

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
3.783	3.800 (0.000)	95	165906			0.00- 100.00	100.00
3.783	3.800 (0.000)	50	28288			15.00- 40.00	17.05
3.783	3.800 (0.000)	75	75045			30.00- 60.00	45.23
3.783	3.800 (0.000)	96	10949			5.00- 9.00	6.60
3.783	3.800 (0.000)	173	474			0.00- 2.00	0.37
3.783	3.800 (0.000)	174	129648			50.00- 100.00	78.15
3.783	3.800 (0.000)	175	8510			5.00- 9.00	6.56
3.783	3.800 (0.000)	176	128608			95.00- 101.00	99.20
3.783	3.800 (0.000)	177	8115			5.00- 9.00	6.31

Data File: c48137.d

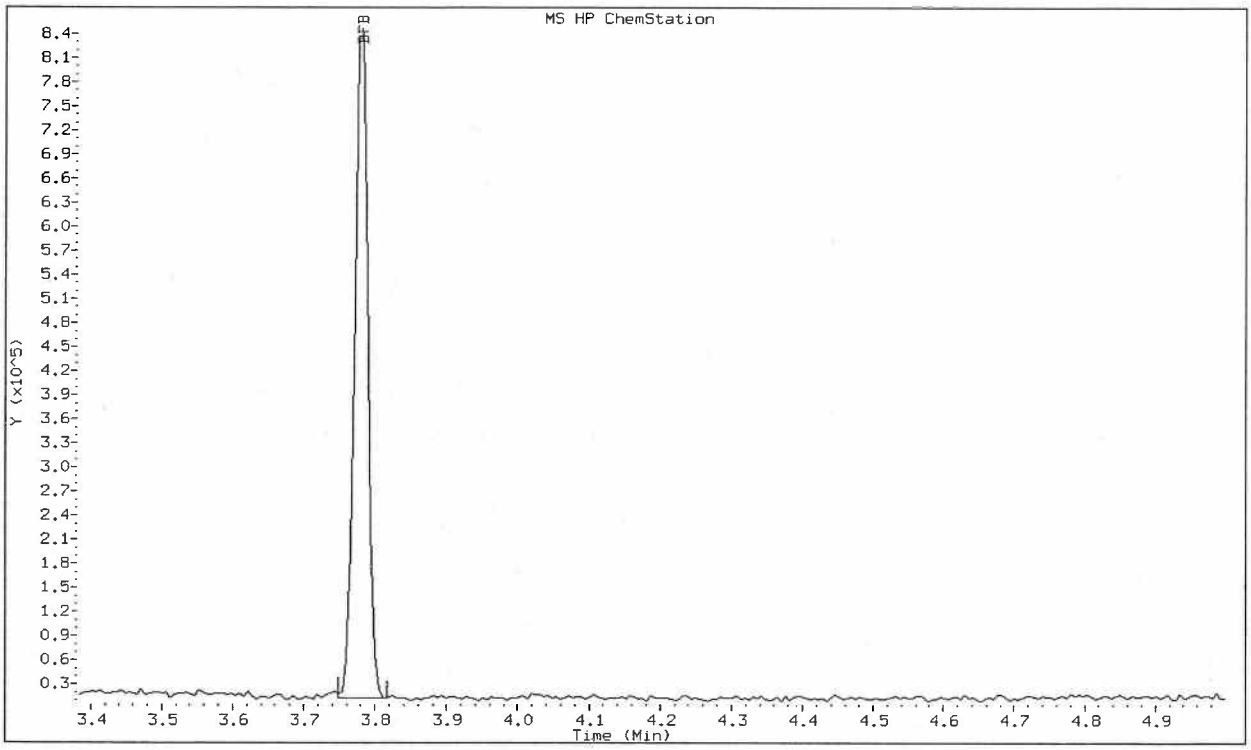
Date: 07-MAY-2010 10:37

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



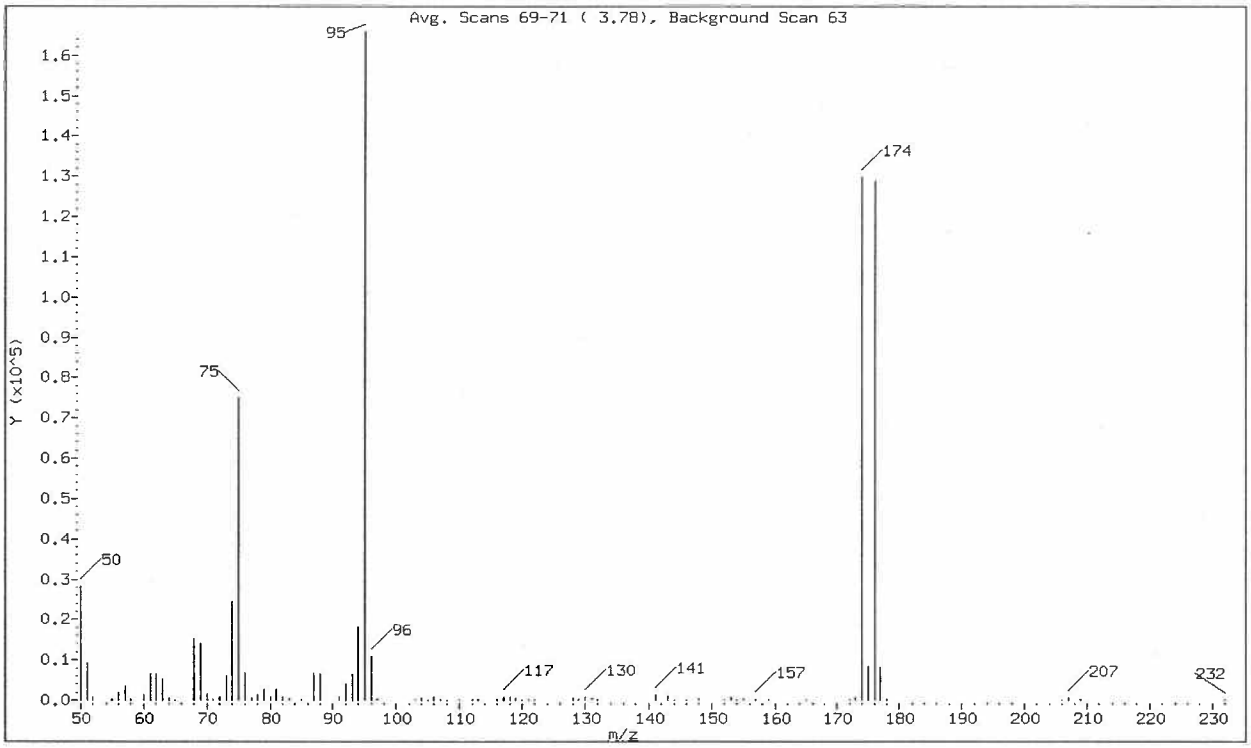
Data File: c48137.d

Date: 07-MAY-2010 10:37

Client ID: Instrument: VOAMS3.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	17.05
75	30.00 - 60.00% of mass 95	45.23
96	5.00 - 9.00% of mass 95	6.60
173	Less than 2.00% of mass 174	0.29 (0.37)
174	50.00 - 100.00% of mass 95	78.15
175	5.00 - 9.00% of mass 174	5.13 (6.56)
176	95.00 - 101.00% of mass 174	77.52 (99.20)
177	5.00 - 9.00% of mass 176	4.89 (6.31)

Data File: c48137.d

Date: 07-MAY-2010 10:37

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48137.d
Spectrum: Avg. Scans 69-71 (3.78), Background Scan 63
Location of Maximum: 95.00
Number of points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	28288	76.00	6780	106.00	807	146.00	116
51.00	9193	77.00	667	107.00	394	148.00	280
52.00	700	78.00	1254	108.00	106	152.00	109
55.00	199	79.00	2788	110.00	130	153.00	588
56.00	1791	80.00	892	112.00	139	154.00	130
57.00	3397	81.00	2758	113.00	144	155.00	399
58.00	373	82.00	821	116.00	374	157.00	254
60.00	1300	83.00	348	117.00	907	159.00	219
61.00	6552	85.00	145	118.00	818	165.00	132
62.00	6481	87.00	6783	119.00	634	172.00	100
63.00	5137	88.00	6381	120.00	114	173.00	474
64.00	490	91.00	730	121.00	117	174.00	129648
65.00	110	92.00	4168	122.00	105	175.00	8510
68.00	15195	93.00	6542	128.00	465	176.00	128608
69.00	14188	94.00	18208	129.00	306	177.00	8115
70.00	1702	95.00	165888	130.00	708	178.00	339
71.00	168	96.00	10949	131.00	186	206.00	133
72.00	810	97.00	154	132.00	151	207.00	459
73.00	5920	103.00	102	141.00	1372	209.00	202
74.00	24496	104.00	610	143.00	1204	232.00	135
75.00	75040	105.00	70	144.00	112		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-36844/2

Matrix: Water Lab File ID: c48141.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 12:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-36844/2

Matrix: Water Lab File ID: c48141.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 12:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
460-00-4	Bromofluorobenzene	101	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48141.d
Report Date: 07-May-2010 13:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48141.d
Lab Smp Id: MB
Inj Date : 07-MAY-2010 12:12
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.762	5.756	(0.947)	291105	51.6067	52
* 52 Fluorobenzene	96	6.084	6.078	(1.000)	1039689	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	938690	50.3289	50
* 78 Chlorobenzene-d5	117	8.913	8.913	(1.000)	775061	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	299479	50.2610	50
* 108 1,4-Dichlorobenzene-d4	152	10.659	10.659	(1.000)	375680	50.0000	

Data File: c48141.d

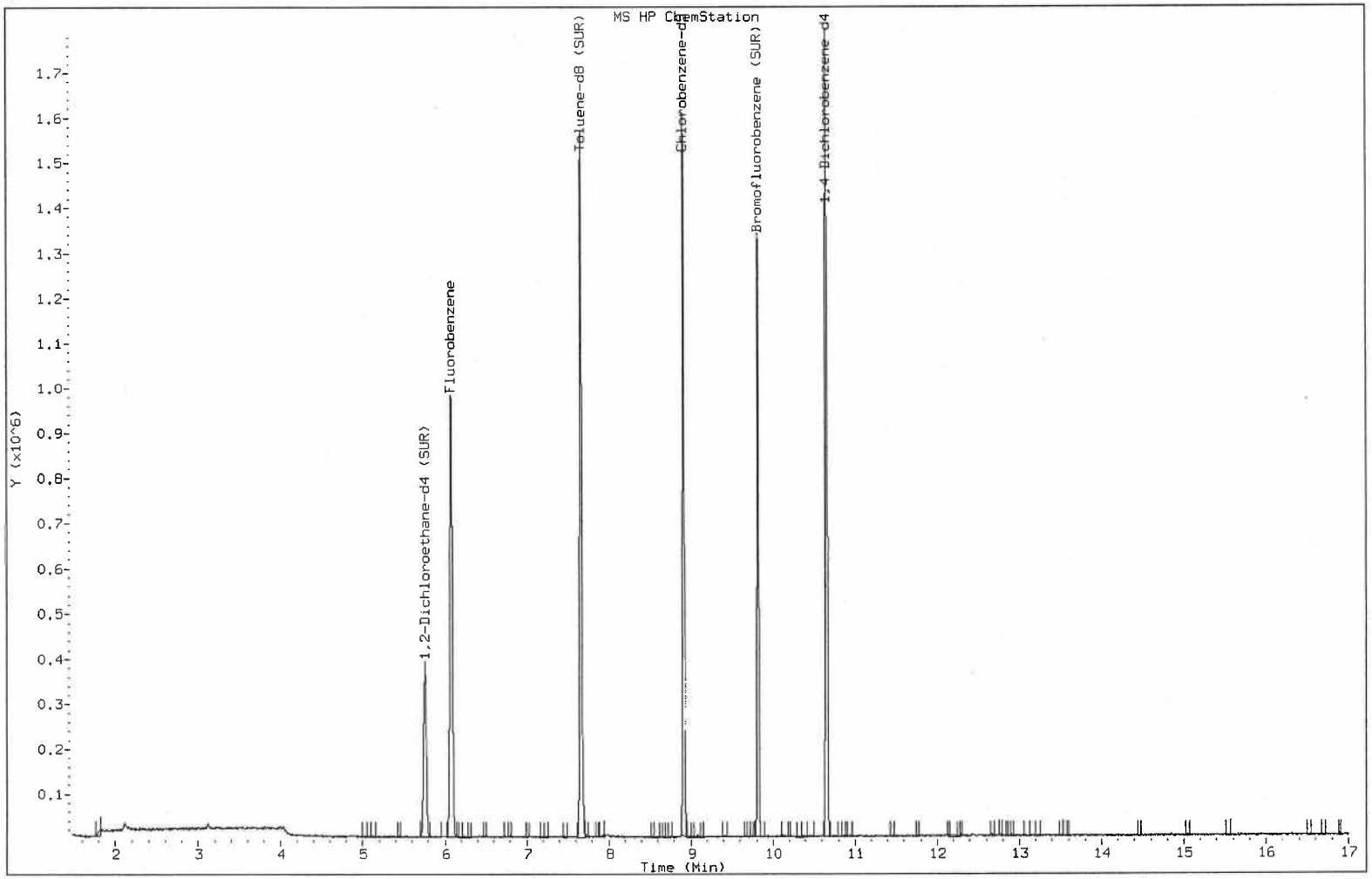
Date: 07-MAY-2010 12:12

Client ID:

Instrument: VOAMS3.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-36844/1

Matrix: Water Lab File ID: c48139.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 11:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.0		1.0	0.21
74-83-9	Bromomethane	20.5		1.0	0.31
75-01-4	Vinyl chloride	21.4		1.0	0.13
75-00-3	Chloroethane	19.5		1.0	0.45
75-09-2	Methylene Chloride	18.8		1.0	0.19
67-64-1	Acetone	22.9		10	2.5
75-15-0	Carbon disulfide	19.2		1.0	0.15
75-35-4	1,1-Dichloroethene	19.6		1.0	0.14
75-34-3	1,1-Dichloroethane	19.1		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.20
67-66-3	Chloroform	19.1		1.0	0.15
107-06-2	1,2-Dichloroethane	19.5		1.0	0.24
78-93-3	2-Butanone	19.5		10	0.82
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.25
56-23-5	Carbon tetrachloride	19.6		1.0	0.19
75-27-4	Bromodichloromethane	19.1		1.0	0.093
78-87-5	1,2-Dichloropropane	19.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.11
79-01-6	Trichloroethene	18.5		1.0	0.18
124-48-1	Dibromochloromethane	18.5		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.10
71-43-2	Benzene	19.4		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.12
75-25-2	Bromoform	18.9		1.0	0.10
108-10-1	4-Methyl-2-pentanone	19.4		10	0.68
591-78-6	2-Hexanone	18.7		10	0.55
127-18-4	Tetrachloroethene	20.1		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.0	0.090
108-88-3	Toluene	18.4		1.0	0.090
108-90-7	Chlorobenzene	19.8		1.0	0.16
100-41-4	Ethylbenzene	20.0		1.0	0.25
100-42-5	Styrene	20.4		1.0	0.13
1330-20-7	Xylenes, Total	62.3		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-36844/1

Matrix: Water Lab File ID: c48139.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 11:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
460-00-4	Bromofluorobenzene	101	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48139.d
Report Date: 07-May-2010 12:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48139.d
Lab Smp Id: LCS
Inj Date : 07-MAY-2010 11:23
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/8260_09.m
Meth Date : 07-May-2010 12:17 delpolit Quant Type: ISTD
Cal Date : 06-MAY-2010 20:38 Cal File: c48105.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.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 (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.582	1.582	(0.260)	164840	22.6130	23
3 Chloromethane	50	1.807	1.808	(0.297)	200320	19.9969	20
4 Vinyl Chloride	62	1.880	1.881	(0.309)	212253	21.4369	21
6 Bromomethane	94	2.197	2.197	(0.361)	111033	20.5243	20
5 Chloroethane	64	2.306	2.300	(0.379)	137569	19.5263	20
7 Trichlorofluoromethane	101	2.507	2.507	(0.412)	255589	20.7821	21
8 n-Pentane	72	2.562	2.556	(0.421)	36549	19.2939	19
9 Ethanol	46	2.732	2.732	(0.450)	133247	2679.27	2700
11 Ethyl Ether	59	2.781	2.781	(0.458)	152130	19.8918	20
10 Isoprene	67	2.805	2.799	(0.462)	262598	18.9156	19
14 Freon TF	101	2.969	2.969	(0.489)	152206	19.3230	19
13 Acrolein	56	2.982	2.982	(0.491)	71929	44.8366	45
15 1,1-Dichloroethene	96	3.012	3.012	(0.496)	142939	19.5858	20
16 Acetone	58	3.122	3.122	(0.514)	20501	22.9426	23
18 Carbon Disulfide	76	3.225	3.225	(0.531)	435034	19.2454	19
19 Isopropanol	45	3.219	3.219	(0.530)	1607955	2910.85	2900

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48139.d
Report Date: 07-May-2010 12:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	27 Methyl Acetate	74	3.401	3.395	(0.560)	37462	17.8730	18
	21 Acetonitrile	39	3.462	3.462	(0.570)	87113	401.986	400
	22 Methylene Chloride	84	3.529	3.529	(0.581)	172978	18.7638	19
	24 TBA	59	3.602	3.602	(0.593)	346164	410.112	410
	28 MTBE	73	3.712	3.712	(0.611)	495441	19.6276	20
	25 trans-1,2-Dichloroethene	96	3.742	3.742	(0.616)	159558	17.7284	18
	26 Acrylonitrile	53	3.833	3.839	(0.631)	70678	19.3020	19
	29 Hexane	56	3.918	3.919	(0.645)	126212	18.1897	18
	32 DIPE	45	4.168	4.168	(0.686)	542361	19.5461	20
	30 1,1-Dichloroethane	63	4.210	4.211	(0.693)	282350	19.1337	19
	31 Vinyl Acetate	43	4.229	4.229	(0.696)	347137	42.8544	43(R)
	33 Allyl Alcohol	57	4.241	4.241	(0.698)	473327	2837.62	2800
	34 n-Propanol	60	4.296	4.296	(0.707)	96919	2783.49	2800
	35 t-Butyl-ethyl-ether	59	4.545	4.539	(0.748)	518927	19.8746	20
	37 2,2-Dichloropropane	77	4.788	4.788	(0.788)	248812	24.5591	24
	36 cis-1,2-Dichloroethene	96	4.819	4.819	(0.793)	178663	19.9705	20
	38 2-Butanone	72	4.849	4.843	(0.798)	22103	19.4793	19
	39 Ethyl Acetate	70	4.849	4.849	(0.798)	39608	41.1457	41
	40 Bromochloromethane	128	5.087	5.093	(0.837)	77858	20.4127	20
	41 Tetrahydrofuran	42	5.093	5.087	(0.838)	50070	20.7827	21
	42 Chloroform	83	5.153	5.147	(0.848)	271347	19.1108	19
	44 Cyclohexane	56	5.293	5.293	(0.871)	293960	19.6017	20
	43 1,1,1-Trichloroethane	97	5.318	5.318	(0.875)	235504	19.6178	20
	45 Carbon Tetrachloride	117	5.458	5.458	(0.898)	197261	19.6111	20
	46 1,1-Dichloropropene	75	5.500	5.500	(0.905)	217161	20.0895	20
	48 Benzene	78	5.737	5.737	(0.644)	660901	19.4080	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.756	5.756	(0.947)	297574	51.6060	52
	50 t-Amyl-methyl-ether	73	5.810	5.811	(0.956)	475798	19.5913	20
	61 Isopropyl Acetate	43	5.804	5.804	(0.955)	739396	39.4973	39
	49 1,2-Dichloroethane	62	5.847	5.847	(0.962)	198037	19.5497	20
	51 n-Heptane	57	5.914	5.914	(0.973)	116610	21.6667	22
*	52 Fluorobenzene	96	6.078	6.078	(1.000)	1062809	50.0000	
	53 n-Butanol	56	6.419	6.419	(1.056)	328664	1380.65	1400
	54 Trichloroethene	95	6.467	6.474	(1.064)	157965	18.4852	18
	56 Methyl cyclohexane	83	6.595	6.595	(1.085)	286919	20.1277	20
	55 Ethyl Acrylate	55	6.595	6.595	(1.085)	428750	19.5830	20
	57 1,2-Dichloropropane	63	6.766	6.766	(1.113)	163179	19.1364	19
	59 Methyl Methacrylate	100	6.839	6.839	(1.125)	48480	19.3009	19
	60 1,4-Dioxane	88	6.875	6.875	(1.131)	267693	2870.92	2900
	58 Dibromomethane	93	6.893	6.893	(1.134)	94047	19.6069	20
	75 Propyl Acetate	43	6.887	6.887	(1.133)	514860	47.8613	48(R)
	68 Bromodichloromethane	83	7.033	7.027	(1.157)	208945	19.1314	19
	62 2-Chloroethyl Vinyl Ether	63	7.325	7.325	(1.205)	108458	19.7925	20
	63 Epichlorohydrin	57	7.423	7.417	(0.833)	355276	409.376	410
	67 cis-1,3-Dichloropropene	75	7.465	7.465	(0.838)	264257	20.0648	20
	70 4-Methyl-2-Pentanone	43	7.593	7.593	(0.852)	150558	19.3859	19
$	65 Toluene-d8 (SUR)	98	7.666	7.666	(0.860)	979026	50.1186	50

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48139.d
Report Date: 07-May-2010 12:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
66	Toluene	91	7.727	7.727	(0.867)	711855	18.3810	18
64	trans-1,3-Dichloropropene	75	7.988	7.988	(0.896)	234949	19.6449	20
69	1,1,2-Trichloroethane	83	8.147	8.147	(0.914)	118118	19.2502	19
71	Tetrachloroethene	166	8.183	8.183	(0.918)	159741	20.1298	20
72	1,3-Dichloropropane	76	8.293	8.299	(0.930)	245146	19.1161	19
73	2-Hexanone	43	8.329	8.329	(0.934)	100544	18.7075	19
76	Butyl Acetate	73	8.396	8.396	(0.942)	86479	36.2120	36
74	Dibromochloromethane	129	8.457	8.457	(0.949)	150796	18.5351	18
77	1,2-Dibromoethane	107	8.572	8.572	(0.962)	140933	18.8397	19
* 78	Chlorobenzene-d5	117	8.913	8.913	(1.000)	811757	50.0000	
79	Chlorobenzene	112	8.937	8.937	(1.003)	427732	19.7742	20
81	Ethylbenzene	106	8.992	8.992	(1.009)	244045	20.0201	20
80	1,1,1,2-Tetrachloroethane	131	9.004	9.004	(1.010)	148400	19.1803	19
82	m+p-Xylene	106	9.083	9.083	(1.019)	597769	41.7598	42
83	Butyl Acrylate	73	9.351	9.357	(1.049)	124629	18.3867	18
84	o-Xylene	106	9.400	9.400	(1.055)	293094	20.5343	20
85	Styrene	104	9.418	9.418	(1.057)	499299	20.3855	20
87	Amyl Acetate	43	9.521	9.521	(0.894)	273919	19.1793	19
86	Bromoform	173	9.594	9.594	(1.076)	94946	18.9110	19
88	Isopropylbenzene	105	9.661	9.661	(1.084)	747180	22.1714	22
$ 89	Bromofluorobenzene (SUR)	174	9.826	9.826	(0.922)	315483	50.5332	50
90	Camphene (total)	93	9.844	9.844	(1.104)	282100	19.3418	19
91	Bromobenzene	156	9.935	9.935	(0.933)	170834	19.7471	20
92	1,1,2,2-Tetrachloroethane	83	9.941	9.941	(0.933)	184448	21.2018	21
95	n-Propylbenzene	91	9.966	9.966	(0.935)	894832	20.2994	20
93	1,2,3-Trichloropropane	110	9.990	9.990	(0.938)	56039	19.3009	19
94	trans-1,4-Dichloro-2-butene	53	9.990	9.990	(0.938)	62072	20.9278	21
96	2-Chlorotoluene	91	10.063	10.063	(0.945)	538056	20.7231	21
97	1,3,5-Trimethylbenzene	105	10.093	10.093	(0.947)	607482	20.9135	21
99	Butyl Methacrylate	87	10.142	10.142	(0.952)	224486	19.0194	19
98	4-Chlorotoluene	91	10.148	10.148	(0.953)	543221	20.5848	20
100	tert-Butylbenzene	119	10.324	10.325	(0.969)	509680	20.7631	21
101	1,2,4-Trimethylbenzene	105	10.373	10.373	(0.974)	613617	20.6918	21
102	2-Octanone	43	10.440	10.440	(0.980)	254407	17.4942	17
104	2-Octanol	45	10.458	10.458	(0.982)	90026	15.3283	15
103	sec-Butylbenzene	105	10.483	10.483	(0.984)	752310	21.2762	21
107	p-Isopropyltoluene	119	10.580	10.580	(0.993)	633329	21.5354	22
105	1,3-Dichlorobenzene	146	10.604	10.604	(0.995)	315846	19.9182	20
* 108	1,4-Dichlorobenzene-d4	152	10.653	10.659	(1.000)	393623	50.0000	
109	1,4-Dichlorobenzene	146	10.671	10.671	(1.002)	317244	19.7745	20
110	Benzyl Chloride	91	10.775	10.775	(1.011)	390927	26.4390	26(R)
106	n-Butylbenzene	91	10.866	10.866	(1.020)	565768	21.5157	22
111	1,2-Dichlorobenzene	146	10.945	10.945	(1.027)	282751	19.0669	19
112	1,2-Dibromo-3-chloropropane	75	11.523	11.523	(1.082)	33580	18.0567	18
113	Camphor	95	12.101	12.101	(1.136)	105793	102.472	100
114	1,2,4-Trichlorobenzene	180	12.186	12.186	(1.144)	160970	19.4379	19
115	Hexachlorobutadiene	225	12.271	12.271	(1.152)	66896	18.9638	19

Data File: /chem/VOAMS3.i/8260_09/05-06-10/07may10.b/c48139.d
Report Date: 07-May-2010 12:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	12.435	12.436	(1.167)	503876	19.8422	20
117 1,2,3-Trichlorobenzene	180	12.679	12.679	(1.190)	137921	19.5514	20
M 120 1,2-Dichloroethene (Total)	100				338221	37.6988	38
M 121 Xylene (Total)	100				890863	62.2941	62

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: c48139.d

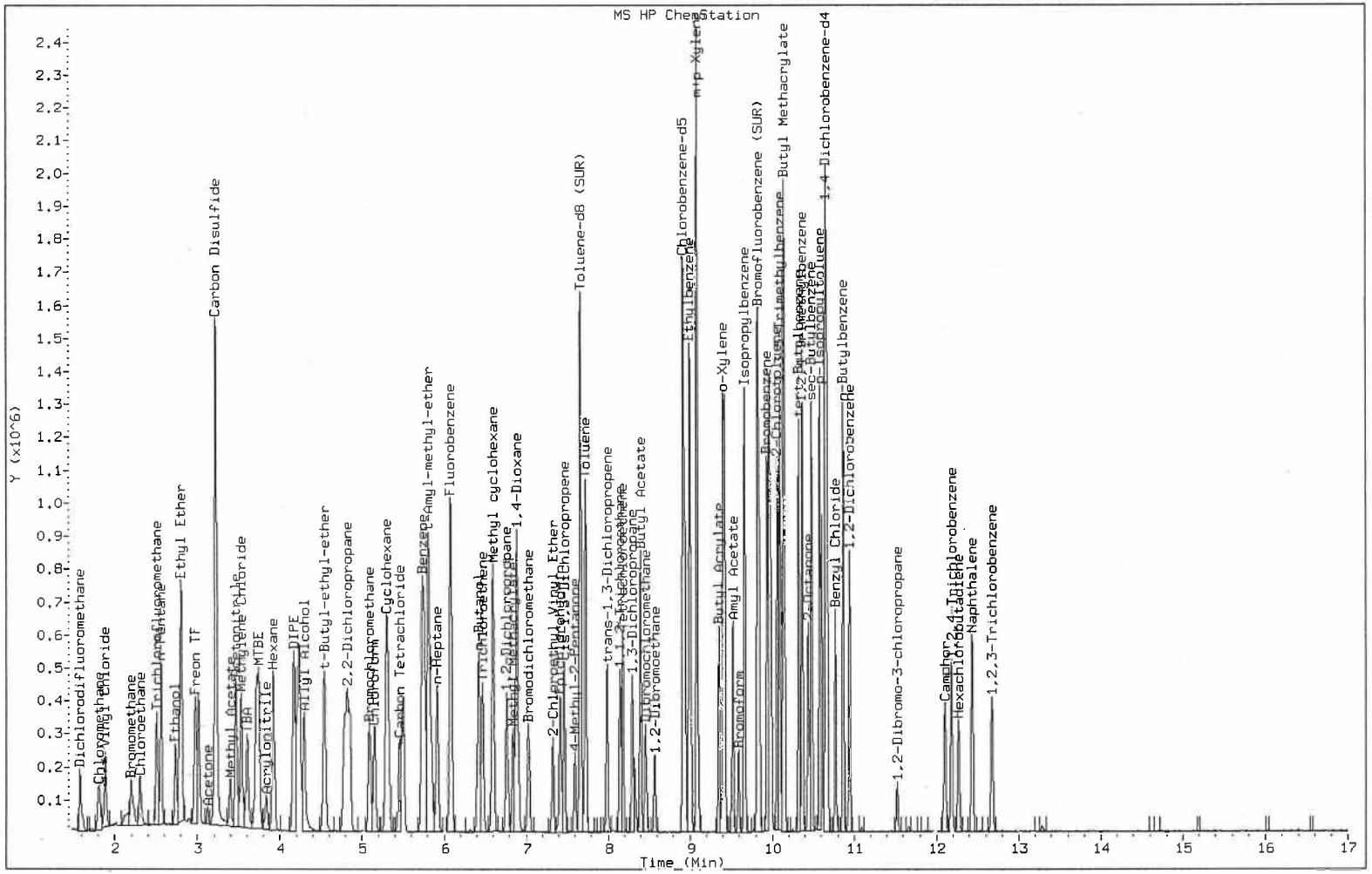
Date: 07-MAY-2010 11:23

Client ID:

Instrument: VOAMS3.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-12879-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-12795-C-2 MS

Matrix: Water | Lab File ID: c48145.d

Analysis Method: 8260B | Date Collected: 05/03/2010 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 13:49

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 36844 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	387		20	4.2
74-83-9	Bromomethane	389		20	6.2
75-01-4	Vinyl chloride	419		20	2.6
75-00-3	Chloroethane	374		20	9.0
75-09-2	Methylene Chloride	359		20	3.8
67-64-1	Acetone	511		200	50
75-15-0	Carbon disulfide	383		20	3.0
75-35-4	1,1-Dichloroethene	385		20	2.8
75-34-3	1,1-Dichloroethane	377		20	2.0
156-60-5	trans-1,2-Dichloroethene	346		20	2.8
156-59-2	cis-1,2-Dichloroethene	388		20	4.0
67-66-3	Chloroform	381		20	3.0
107-06-2	1,2-Dichloroethane	408		20	4.8
78-93-3	2-Butanone	394		200	16
71-55-6	1,1,1-Trichloroethane	389		20	5.0
56-23-5	Carbon tetrachloride	388		20	3.8
75-27-4	Bromodichloromethane	374		20	1.9
78-87-5	1,2-Dichloropropane	404		20	1.8
10061-01-5	cis-1,3-Dichloropropene	390		20	2.2
79-01-6	Trichloroethene	388		20	3.6
124-48-1	Dibromochloromethane	348		20	2.2
79-00-5	1,1,2-Trichloroethane	375		20	2.0
71-43-2	Benzene	717		20	2.6
10061-02-6	trans-1,3-Dichloropropene	389		20	2.4
75-25-2	Bromoform	354		20	2.0
108-10-1	4-Methyl-2-pentanone	382		200	14
591-78-6	2-Hexanone	385		200	11
127-18-4	Tetrachloroethene	464		20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	416		20	1.8
108-88-3	Toluene	13100		20	1.8
108-90-7	Chlorobenzene	410		20	3.2
100-41-4	Ethylbenzene	2650		20	5.0
100-42-5	Styrene	609		20	2.6
1330-20-7	Xylenes, Total	5930		60	8.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-12795-C-2 MS

Matrix: Water Lab File ID: c48145.d

Analysis Method: 8260B Date Collected: 05/03/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 13:49

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	70-122	
460-00-4	Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-12879-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-12795-C-2 MSD

Matrix: Water | Lab File ID: c48146.d

Analysis Method: 8260B | Date Collected: 05/03/2010 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 14:13

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 36844 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	393		20	4.2
74-83-9	Bromomethane	398		20	6.2
75-01-4	Vinyl chloride	415		20	2.6
75-00-3	Chloroethane	365		20	9.0
75-09-2	Methylene Chloride	352		20	3.8
67-64-1	Acetone	492		200	50
75-15-0	Carbon disulfide	364		20	3.0
75-35-4	1,1-Dichloroethene	362		20	2.8
75-34-3	1,1-Dichloroethane	364		20	2.0
156-60-5	trans-1,2-Dichloroethene	332		20	2.8
156-59-2	cis-1,2-Dichloroethene	373		20	4.0
67-66-3	Chloroform	372		20	3.0
107-06-2	1,2-Dichloroethane	390		20	4.8
78-93-3	2-Butanone	384		200	16
71-55-6	1,1,1-Trichloroethane	377		20	5.0
56-23-5	Carbon tetrachloride	371		20	3.8
75-27-4	Bromodichloromethane	357		20	1.9
78-87-5	1,2-Dichloropropane	394		20	1.8
10061-01-5	cis-1,3-Dichloropropene	373		20	2.2
79-01-6	Trichloroethene	373		20	3.6
124-48-1	Dibromochloromethane	336		20	2.2
79-00-5	1,1,2-Trichloroethane	360		20	2.0
71-43-2	Benzene	706		20	2.6
10061-02-6	trans-1,3-Dichloropropene	370		20	2.4
75-25-2	Bromoform	343		20	2.0
108-10-1	4-Methyl-2-pentanone	382		200	14
591-78-6	2-Hexanone	379		200	11
127-18-4	Tetrachloroethene	444		20	4.0
79-34-5	1,1,2,2-Tetrachloroethane	404		20	1.8
108-88-3	Toluene	13200		20	1.8
108-90-7	Chlorobenzene	391		20	3.2
100-41-4	Ethylbenzene	2660		20	5.0
100-42-5	Styrene	599		20	2.6
1330-20-7	Xylenes, Total	5950		60	8.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-12795-C-2 MSD

Matrix: Water Lab File ID: c48146.d

Analysis Method: 8260B Date Collected: 05/03/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 14:13

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 36844 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	70-122	
460-00-4	Bromofluorobenzene	100	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 05/06/2010 20:19

Analysis Batch Number: 36830 End Date: 05/07/2010 07:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-36830/1		05/06/2010 20:19	1	c48104.d	Rtx-624 0.25(mm)
IC 460-36830/2		05/06/2010 20:38	1	c48105.d	Rtx-624 0.25(mm)
IC 460-36830/3		05/06/2010 22:34	1	c48108.d	Rtx-624 0.25(mm)
ICIS 460-36830/4		05/06/2010 23:23	1	c48110.d	Rtx-624 0.25(mm)
IC 460-36830/5		05/06/2010 23:47	1	c48111.d	Rtx-624 0.25(mm)
IC 460-36830/6		05/07/2010 00:11	1	c48112.d	Rtx-624 0.25(mm)
IC 460-36830/7		05/07/2010 00:36	1	c48113.d	Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 02:38	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 02:38	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 03:27	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 03:51	20		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 04:16	20		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 05:05	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 05:29	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 05:54	1.0		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 07:07	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 07:32	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 07:57	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-12879-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 05/07/2010 10:37

Analysis Batch Number: 36844 End Date: 05/07/2010 22:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-36844/5		05/07/2010 10:37	1	c48137.d	Rtx-624 0.25(mm)
CCVIS 460-36844/6		05/07/2010 10:50	1	c48138.d	Rtx-624 0.25(mm)
LCS 460-36844/1		05/07/2010 11:23	1	c48139.d	Rtx-624 0.25(mm)
MB 460-36844/2		05/07/2010 12:12	1	c48141.d	Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 12:36	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 13:00	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 13:25	50		Rtx-624 0.25(mm)
460-12795-C-2 MS		05/07/2010 13:49	20	c48145.d	Rtx-624 0.25(mm)
460-12795-C-2 MSD		05/07/2010 14:13	20	c48146.d	Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 15:02	1.0		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 15:50	50.0		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 16:15	1		Rtx-624 0.25(mm)
460-12879-1	MW-99 B	05/07/2010 17:27	1	c48154.d	Rtx-624 0.25(mm)
460-12879-2	MW-96-13	05/07/2010 17:52	1	c48155.d	Rtx-624 0.25(mm)
460-12879-3	Dupe	05/07/2010 18:16	1	c48156.d	Rtx-624 0.25(mm)
460-12879-4	trip blank	05/07/2010 18:40	1	c48157.d	Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 19:04	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 19:29	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 21:54	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2010 22:19	1		Rtx-624 0.25(mm)

Shipping and Receiving Documents

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

05/12/2010

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Dennis Scannell	W. Dunne	Wyeth Semi-annual wells
Company: Hydro Qual	P. O. # WYET.008.002.03	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program:
Address: 1200 Mac Arthur Blvd	Analysis Turnaround Time: Standard ☐	
City: Mahwah State: NJ 07430	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 201 529 5151 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260 B TCL VOA										LAB USE ONLY Project No: / Job No: 12879 / Sample Numbers
mw 99 B	5/4/10	1400	GW	3	✓										1
mw 96-13	5/4/10	1115	↓	3	✓										2
Dupe	5/4/10	—		3	✓										3
trip blanks	—	—		2	✓										4

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____ Soil: / Water:

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Hydro Qual	5/5/10 15:45	1)	
2)			2)	
3)			3) 5.6 deg	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

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

Login Sample Receipt Check List

Client: HydroQual, Inc.

Job Number: 460-12879-1

Login Number: 12879
Creator: Meyers, Gary
List Number: 1

List Source: TestAmerica Edison

Question	T / F/ NA	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	nhot received
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	5.6°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	