

## ANALYTICAL REPORT

Job Number: 460-167890-1

Job Description: DEC Gent Uniform Rental; Site: 130056

Contract Number: C100700

For:

New York State D.E.C.

625 Broadway

12th Floor

Albany, NY 12233-7017

Attention: Mr. Matthew Mashhadi



Approved for release.  
Thomas A Chupela  
Project Management Assistant I  
11/1/2018 10:33 AM

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11/01/2018

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Job Number: 460-167890-1

Job Description: DEC Gent Uniform Rental; Site: 130056

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Approved for release.  
Thomas A. Chupela  
Project Management Assistant I  
11/1/2018 10:33 AM

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Designee for  
Melissa Haas

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## CASE NARRATIVE

**Client: New York State D.E.C.**

**Project: DEC Gent Uniform Rental; Site: 130056**

**Report Number: 460-167890-1**

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 10/25/2018 8:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° 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 MW-8S (460-167890-1), MW-8I (460-167890-2), MW-8D (460-167890-3), MW-7 (460-167890-4), MW-9 (460-167890-5), MW-10 (460-167890-6), MW-12 (460-167890-7), MW-13 (460-167890-8), MW-11 (460-167890-9), MW-14 (460-167890-10), MW-15S (460-167890-11), MW-15I (460-167890-12), MW-16 (460-167890-13), DUP1 (460-167890-14) and Trip Blank (460-167890-15) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/29/2018 and 10/30/2018.

The continuing calibration verification (CCV) analyzed in batch 460-564222 was outside the method criteria for the following analyte(s): Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-564124 was outside the method criteria for the following analytes: Chloromethane, Methyl acetate and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Refer to the QC report for details.

Samples MW-9 (460-167890-5)[2X] and DUP1 (460-167890-14)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

# Sample Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-167890-1	MW-8S	Water	10/25/18 09:55	10/25/18 20:00
460-167890-2	MW-8I	Water	10/25/18 09:45	10/25/18 20:00
460-167890-3	MW-8D	Water	10/25/18 09:30	10/25/18 20:00
460-167890-4	MW-7	Water	10/24/18 16:05	10/25/18 20:00
460-167890-5	MW-9	Water	10/24/18 14:11	10/25/18 20:00
460-167890-6	MW-10	Water	10/24/18 14:38	10/25/18 20:00
460-167890-7	MW-12	Water	10/24/18 15:11	10/25/18 20:00
460-167890-8	MW-13	Water	10/24/18 16:20	10/25/18 20:00
460-167890-9	MW-11	Water	10/24/18 14:55	10/25/18 20:00
460-167890-10	MW-14	Water	10/24/18 15:45	10/25/18 20:00
460-167890-11	MW-15S	Water	10/24/18 15:35	10/25/18 20:00
460-167890-12	MW-15I	Water	10/24/18 15:23	10/25/18 20:00
460-167890-13	MW-16	Water	10/24/18 16:30	10/25/18 20:00
460-167890-14	DUP1	Water	10/24/18 00:00	10/25/18 20:00
460-167890-15	Trip Blank	Water	10/24/18 00:00	10/25/18 20:00

# Detection Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Client Sample ID: MW-8S

## Lab Sample ID: 460-167890-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	46		5.0	5.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.73	J	1.0	0.25	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-8I

## Lab Sample ID: 460-167890-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	63		5.0	5.0	ug/L	1		8260C	Total/NA
Trichloroethene	0.31	J	1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-8D

## Lab Sample ID: 460-167890-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	41		5.0	5.0	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-7

## Lab Sample ID: 460-167890-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.70	J	1.0	0.43	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	0.82	J	1.0	0.76	ug/L	1		8260C	Total/NA
Acetone	36		5.0	5.0	ug/L	1		8260C	Total/NA
Chlorobenzene	0.91	J	1.0	0.38	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-9

## Lab Sample ID: 460-167890-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	45		10	10	ug/L	2		8260C	Total/NA
Tetrachloroethene	650		2.0	0.50	ug/L	2		8260C	Total/NA
Trichloroethene	31		2.0	0.63	ug/L	2		8260C	Total/NA

## Client Sample ID: MW-10

## Lab Sample ID: 460-167890-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	34		5.0	5.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	11		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-12

## Lab Sample ID: 460-167890-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.5		1.0	0.33	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.30	J	1.0	0.25	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-13

## Lab Sample ID: 460-167890-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0		5.0	5.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.27	J	1.0	0.25	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-11

## Lab Sample ID: 460-167890-9

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

# Detection Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Client Sample ID: MW-11 (Continued)

Lab Sample ID: 460-167890-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	54		5.0	5.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	190		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	5.7		1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-14

Lab Sample ID: 460-167890-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	16		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-15S

Lab Sample ID: 460-167890-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.59	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.46	J	1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	0.51	J	1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-15I

Lab Sample ID: 460-167890-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.38	J	1.0	0.33	ug/L	1		8260C	Total/NA
Tetrachloroethene	72		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	1.8		1.0	0.31	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-16

Lab Sample ID: 460-167890-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.2		1.0	0.25	ug/L	1		8260C	Total/NA

## Client Sample ID: DUP1

Lab Sample ID: 460-167890-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	45		10	10	ug/L	2		8260C	Total/NA
Tetrachloroethene	730		2.0	0.50	ug/L	2		8260C	Total/NA
Trichloroethene	34		2.0	0.63	ug/L	2		8260C	Total/NA

## Client Sample ID: Trip Blank

Lab Sample ID: 460-167890-15

No Detections.



# Method Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

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<b>Method</b>	<b>Method Description</b>	<b>Protocol</b>	<b>Laboratory</b>
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

**Protocol References:**

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

**Laboratory References:**

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-8S**

**Lab Sample ID: 460-167890-1**

**Date Collected: 10/25/18 09:55**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 10:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 10:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 10:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 10:16	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 10:16	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 10:16	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 10:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 10:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 10:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 10:16	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 10:16	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 10:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 10:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 10:16	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 10:16	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 10:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 10:16	1
<b>Acetone</b>	<b>46</b>		5.0	5.0	ug/L			10/29/18 10:16	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 10:16	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 10:16	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 10:16	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 10:16	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 10:16	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 10:16	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 10:16	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 10:16	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 10:16	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 10:16	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 10:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 10:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 10:16	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 10:16	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 10:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 10:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 10:16	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 10:16	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 10:16	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 10:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 10:16	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 10:16	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 10:16	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 10:16	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 10:16	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 10:16	1
<b>Tetrachloroethene</b>	<b>0.73</b>	<b>J</b>	1.0	0.25	ug/L			10/29/18 10:16	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 10:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 10:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 10:16	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 10:16	1

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-8S**

**Lab Sample ID: 460-167890-1**

**Date Collected: 10/25/18 09:55**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 10:16	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		74 - 132		10/29/18 10:16	1
4-Bromofluorobenzene	118		77 - 124		10/29/18 10:16	1
Dibromofluoromethane (Surr)	119		72 - 131		10/29/18 10:16	1
Toluene-d8 (Surr)	110		80 - 120		10/29/18 10:16	1

**Client Sample ID: MW-8I**

**Lab Sample ID: 460-167890-2**

**Date Collected: 10/25/18 09:45**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 10:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 10:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 10:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 10:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 10:40	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 10:40	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 10:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 10:40	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 10:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 10:40	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 10:40	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 10:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 10:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 10:40	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 10:40	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 10:40	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 10:40	1
<b>Acetone</b>	<b>63</b>		5.0	5.0	ug/L			10/29/18 10:40	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 10:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 10:40	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 10:40	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 10:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 10:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 10:40	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 10:40	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 10:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 10:40	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 10:40	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 10:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 10:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 10:40	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 10:40	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 10:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 10:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 10:40	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-8I**  
**Date Collected: 10/25/18 09:45**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-2**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 10:40	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 10:40	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 10:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 10:40	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 10:40	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 10:40	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 10:40	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 10:40	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 10:40	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 10:40	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 10:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 10:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 10:40	1
<b>Trichloroethene</b>	<b>0.31</b>	<b>J</b>	1.0	0.31	ug/L			10/29/18 10:40	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 10:40	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 10:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/29/18 10:40	1
4-Bromofluorobenzene	109		77 - 124		10/29/18 10:40	1
Dibromofluoromethane (Surr)	118		72 - 131		10/29/18 10:40	1
Toluene-d8 (Surr)	101		80 - 120		10/29/18 10:40	1

**Client Sample ID: MW-8D**  
**Date Collected: 10/25/18 09:30**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-3**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 11:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 11:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 11:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 11:03	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 11:03	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 11:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 11:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 11:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 11:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 11:03	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 11:03	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 11:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 11:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 11:03	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 11:03	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 11:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 11:03	1
<b>Acetone</b>	<b>41</b>		5.0	5.0	ug/L			10/29/18 11:03	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 11:03	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 11:03	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 11:03	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-8D**

**Lab Sample ID: 460-167890-3**

**Date Collected: 10/25/18 09:30**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 11:03	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 11:03	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 11:03	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 11:03	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 11:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 11:03	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 11:03	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 11:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 11:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 11:03	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 11:03	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 11:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 11:03	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 11:03	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 11:03	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 11:03	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 11:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 11:03	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 11:03	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 11:03	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 11:03	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 11:03	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 11:03	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 11:03	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 11:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 11:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 11:03	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 11:03	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 11:03	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		74 - 132		10/29/18 11:03	1
4-Bromofluorobenzene	113		77 - 124		10/29/18 11:03	1
Dibromofluoromethane (Surr)	118		72 - 131		10/29/18 11:03	1
Toluene-d8 (Surr)	111		80 - 120		10/29/18 11:03	1

**Client Sample ID: MW-7**

**Lab Sample ID: 460-167890-4**

**Date Collected: 10/24/18 16:05**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 11:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 11:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 11:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 11:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 11:26	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 11:26	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 11:26	1

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# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-7**  
**Date Collected: 10/24/18 16:05**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-4**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 11:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 11:26	1
<b>1,2-Dichlorobenzene</b>	<b>0.70</b>	<b>J</b>	1.0	0.43	ug/L			10/29/18 11:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 11:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 11:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 11:26	1
<b>1,4-Dichlorobenzene</b>	<b>0.82</b>	<b>J</b>	1.0	0.76	ug/L			10/29/18 11:26	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 11:26	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 11:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 11:26	1
<b>Acetone</b>	<b>36</b>		5.0	5.0	ug/L			10/29/18 11:26	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 11:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 11:26	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 11:26	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 11:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 11:26	1
<b>Chlorobenzene</b>	<b>0.91</b>	<b>J</b>	1.0	0.38	ug/L			10/29/18 11:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 11:26	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 11:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 11:26	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 11:26	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 11:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 11:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 11:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 11:26	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 11:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 11:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 11:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 11:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 11:26	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 11:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 11:26	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 11:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 11:26	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 11:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 11:26	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 11:26	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 11:26	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 11:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 11:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 11:26	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 11:26	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 11:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 11:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		10/29/18 11:26	1
4-Bromofluorobenzene	106		77 - 124		10/29/18 11:26	1
Dibromofluoromethane (Surr)	120		72 - 131		10/29/18 11:26	1
Toluene-d8 (Surr)	104		80 - 120		10/29/18 11:26	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-9**  
**Date Collected: 10/24/18 14:11**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-5**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			10/29/18 22:57	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			10/29/18 22:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/29/18 22:57	2
1,1,2-Trichloroethane	2.0	U	2.0	0.87	ug/L			10/29/18 22:57	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			10/29/18 22:57	2
1,1-Dichloroethene	2.0	U	2.0	0.23	ug/L			10/29/18 22:57	2
1,2,3-Trichlorobenzene	2.0	U	2.0	0.71	ug/L			10/29/18 22:57	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.73	ug/L			10/29/18 22:57	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.75	ug/L			10/29/18 22:57	2
1,2-Dichlorobenzene	2.0	U	2.0	0.86	ug/L			10/29/18 22:57	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			10/29/18 22:57	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			10/29/18 22:57	2
1,3-Dichlorobenzene	2.0	U	2.0	0.68	ug/L			10/29/18 22:57	2
1,4-Dichlorobenzene	2.0	U	2.0	1.5	ug/L			10/29/18 22:57	2
2-Butanone (MEK)	10	U	10	3.7	ug/L			10/29/18 22:57	2
2-Hexanone	10	U	10	5.8	ug/L			10/29/18 22:57	2
4-Methyl-2-pentanone (MIBK)	10	U	10	5.5	ug/L			10/29/18 22:57	2
<b>Acetone</b>	<b>45</b>		10	10	ug/L			10/29/18 22:57	2
Benzene	2.0	U	2.0	0.86	ug/L			10/29/18 22:57	2
Bromoform	2.0	U	2.0	1.1	ug/L			10/29/18 22:57	2
Bromomethane	2.0	U	2.0	2.0	ug/L			10/29/18 22:57	2
Carbon disulfide	2.0	U	2.0	0.31	ug/L			10/29/18 22:57	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			10/29/18 22:57	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			10/29/18 22:57	2
Chlorobromomethane	2.0	U	2.0	0.82	ug/L			10/29/18 22:57	2
Chlorodibromomethane	2.0	U	2.0	0.56	ug/L			10/29/18 22:57	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/29/18 22:57	2
Chloroform	2.0	U	2.0	0.65	ug/L			10/29/18 22:57	2
Chloromethane	2.0	U	2.0	0.29	ug/L			10/29/18 22:57	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			10/29/18 22:57	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.91	ug/L			10/29/18 22:57	2
Cyclohexane	2.0	U	2.0	0.64	ug/L			10/29/18 22:57	2
Dichlorobromomethane	2.0	U	2.0	0.69	ug/L			10/29/18 22:57	2
Dichlorodifluoromethane	2.0	U	2.0	0.24	ug/L			10/29/18 22:57	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			10/29/18 22:57	2
Ethylene Dibromide	2.0	U	2.0	1.0	ug/L			10/29/18 22:57	2
Isopropylbenzene	2.0	U	2.0	0.67	ug/L			10/29/18 22:57	2
Methyl acetate	10	U	10	0.63	ug/L			10/29/18 22:57	2
Methyl tert-butyl ether	2.0	U	2.0	0.93	ug/L			10/29/18 22:57	2
Methylcyclohexane	2.0	U	2.0	0.52	ug/L			10/29/18 22:57	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			10/29/18 22:57	2
m-Xylene & p-Xylene	2.0	U	2.0	0.59	ug/L			10/29/18 22:57	2
o-Xylene	2.0	U	2.0	0.72	ug/L			10/29/18 22:57	2
Styrene	2.0	U	2.0	0.83	ug/L			10/29/18 22:57	2
<b>Tetrachloroethene</b>	<b>650</b>		2.0	0.50	ug/L			10/29/18 22:57	2
Toluene	2.0	U	2.0	0.76	ug/L			10/29/18 22:57	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			10/29/18 22:57	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.97	ug/L			10/29/18 22:57	2
<b>Trichloroethene</b>	<b>31</b>		2.0	0.63	ug/L			10/29/18 22:57	2

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-9**  
**Date Collected: 10/24/18 14:11**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-5**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	2.0	U	2.0	0.29	ug/L			10/29/18 22:57	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			10/29/18 22:57	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		74 - 132					10/29/18 22:57	2
4-Bromofluorobenzene	112		77 - 124					10/29/18 22:57	2
Dibromofluoromethane (Surr)	118		72 - 131					10/29/18 22:57	2
Toluene-d8 (Surr)	107		80 - 120					10/29/18 22:57	2

**Client Sample ID: MW-10**  
**Date Collected: 10/24/18 14:38**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-6**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 07:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 07:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 07:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 07:53	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 07:53	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 07:53	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 07:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 07:53	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 07:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 07:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 07:53	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 07:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 07:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 07:53	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 07:53	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 07:53	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 07:53	1
<b>Acetone</b>	<b>34</b>		5.0	5.0	ug/L			10/29/18 07:53	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 07:53	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 07:53	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 07:53	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 07:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 07:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 07:53	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 07:53	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 07:53	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 07:53	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 07:53	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 07:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 07:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 07:53	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 07:53	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 07:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 07:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 07:53	1



# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-10**

**Lab Sample ID: 460-167890-6**

**Date Collected: 10/24/18 14:38**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 07:53	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 07:53	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 07:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 07:53	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 07:53	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 07:53	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 07:53	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 07:53	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 07:53	1
<b>Tetrachloroethene</b>	<b>11</b>		1.0	0.25	ug/L			10/29/18 07:53	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 07:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 07:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 07:53	1
<b>Trichloroethene</b>	<b>1.4</b>		1.0	0.31	ug/L			10/29/18 07:53	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 07:53	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 07:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		10/29/18 07:53	1
4-Bromofluorobenzene	117		77 - 124		10/29/18 07:53	1
Dibromofluoromethane (Surr)	119		72 - 131		10/29/18 07:53	1
Toluene-d8 (Surr)	106		80 - 120		10/29/18 07:53	1

**Client Sample ID: MW-12**

**Lab Sample ID: 460-167890-7**

**Date Collected: 10/24/18 15:11**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 19:48	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 19:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 19:48	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 19:48	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 19:48	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 19:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 19:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 19:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 19:48	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 19:48	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 19:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 19:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 19:48	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 19:48	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 19:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 19:48	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 19:48	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 19:48	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 19:48	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 19:48	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-12**

**Date Collected: 10/24/18 15:11**

**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-7**

**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 19:48	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 19:48	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 19:48	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 19:48	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 19:48	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 19:48	1
<b>Chloroform</b>	<b>1.5</b>		1.0	0.33	ug/L			10/29/18 19:48	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 19:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 19:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 19:48	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 19:48	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 19:48	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 19:48	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 19:48	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 19:48	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 19:48	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 19:48	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 19:48	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 19:48	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 19:48	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 19:48	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 19:48	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 19:48	1
<b>Tetrachloroethene</b>	<b>0.30</b>	<b>J</b>	1.0	0.25	ug/L			10/29/18 19:48	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 19:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 19:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 19:48	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 19:48	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 19:48	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		10/29/18 19:48	1
4-Bromofluorobenzene	123		77 - 124		10/29/18 19:48	1
Dibromofluoromethane (Surr)	116		72 - 131		10/29/18 19:48	1
Toluene-d8 (Surr)	114		80 - 120		10/29/18 19:48	1

**Client Sample ID: MW-13**

**Date Collected: 10/24/18 16:20**

**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-8**

**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 20:11	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 20:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 20:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 20:11	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 20:11	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 20:11	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 20:11	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-13**

**Lab Sample ID: 460-167890-8**

**Date Collected: 10/24/18 16:20**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 20:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 20:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 20:11	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 20:11	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 20:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 20:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 20:11	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 20:11	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 20:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 20:11	1
<b>Acetone</b>	<b>6.0</b>		5.0	5.0	ug/L			10/29/18 20:11	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 20:11	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 20:11	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 20:11	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 20:11	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 20:11	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 20:11	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 20:11	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 20:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 20:11	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 20:11	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 20:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 20:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 20:11	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 20:11	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 20:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 20:11	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 20:11	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 20:11	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 20:11	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 20:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 20:11	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 20:11	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 20:11	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 20:11	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 20:11	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 20:11	1
<b>Tetrachloroethene</b>	<b>0.27</b>	<b>J</b>	1.0	0.25	ug/L			10/29/18 20:11	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 20:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 20:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 20:11	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 20:11	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 20:11	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/29/18 20:11	1
4-Bromofluorobenzene	119		77 - 124		10/29/18 20:11	1
Dibromofluoromethane (Surr)	119		72 - 131		10/29/18 20:11	1
Toluene-d8 (Surr)	108		80 - 120		10/29/18 20:11	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-11**  
**Date Collected: 10/24/18 14:55**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-9**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 13:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 13:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 13:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 13:02	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 13:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 13:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 13:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 13:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 13:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 13:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 13:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 13:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 13:02	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 13:02	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 13:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 13:02	1
<b>Acetone</b>	<b>54</b>		5.0	5.0	ug/L			10/29/18 13:02	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 13:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 13:02	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 13:02	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 13:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 13:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 13:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 13:02	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 13:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 13:02	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 13:02	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 13:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 13:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 13:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 13:02	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 13:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 13:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 13:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 13:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 13:02	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 13:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 13:02	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 13:02	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 13:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 13:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 13:02	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 13:02	1
<b>Tetrachloroethene</b>	<b>190</b>		1.0	0.25	ug/L			10/29/18 13:02	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 13:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 13:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 13:02	1
<b>Trichloroethene</b>	<b>5.7</b>		1.0	0.31	ug/L			10/29/18 13:02	1

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-11**  
**Date Collected: 10/24/18 14:55**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-9**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 13:02	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132					10/29/18 13:02	1
4-Bromofluorobenzene	118		77 - 124					10/29/18 13:02	1
Dibromofluoromethane (Surr)	117		72 - 131					10/29/18 13:02	1
Toluene-d8 (Surr)	105		80 - 120					10/29/18 13:02	1

**Client Sample ID: MW-14**  
**Date Collected: 10/24/18 15:45**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-10**  
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 13:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 13:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 13:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 13:25	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 13:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 13:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 13:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 13:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 13:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 13:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 13:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 13:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 13:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 13:25	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 13:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 13:25	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 13:25	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 13:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 13:25	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 13:25	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 13:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 13:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 13:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 13:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 13:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 13:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 13:25	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 13:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 13:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 13:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 13:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 13:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 13:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 13:25	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-14**

**Lab Sample ID: 460-167890-10**

**Date Collected: 10/24/18 15:45**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 13:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 13:25	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 13:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 13:25	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 13:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 13:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 13:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 13:25	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 13:25	1
<b>Tetrachloroethene</b>	<b>16</b>		1.0	0.25	ug/L			10/29/18 13:25	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 13:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 13:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 13:25	1
<b>Trichloroethene</b>	<b>1.4</b>		1.0	0.31	ug/L			10/29/18 13:25	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 13:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		74 - 132		10/29/18 13:25	1
4-Bromofluorobenzene	114		77 - 124		10/29/18 13:25	1
Dibromofluoromethane (Surr)	119		72 - 131		10/29/18 13:25	1
Toluene-d8 (Surr)	102		80 - 120		10/29/18 13:25	1

**Client Sample ID: MW-15S**

**Lab Sample ID: 460-167890-11**

**Date Collected: 10/24/18 15:35**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 20:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 20:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 20:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 20:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 20:35	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 20:35	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 20:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 20:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 20:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 20:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 20:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 20:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 20:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 20:35	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 20:35	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 20:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 20:35	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 20:35	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 20:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 20:35	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 20:35	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-15S**

**Lab Sample ID: 460-167890-11**

**Date Collected: 10/24/18 15:35**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 20:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 20:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 20:35	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 20:35	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 20:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 20:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 20:35	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 20:35	1
<b>cis-1,2-Dichloroethene</b>	<b>0.59</b>	<b>J</b>	1.0	0.22	ug/L			10/29/18 20:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 20:35	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 20:35	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 20:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 20:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 20:35	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 20:35	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 20:35	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 20:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 20:35	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 20:35	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 20:35	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 20:35	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 20:35	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 20:35	1
<b>Tetrachloroethene</b>	<b>0.46</b>	<b>J</b>	1.0	0.25	ug/L			10/29/18 20:35	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 20:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 20:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 20:35	1
<b>Trichloroethene</b>	<b>0.51</b>	<b>J</b>	1.0	0.31	ug/L			10/29/18 20:35	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 20:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		74 - 132		10/29/18 20:35	1
4-Bromofluorobenzene	108		77 - 124		10/29/18 20:35	1
Dibromofluoromethane (Surr)	116		72 - 131		10/29/18 20:35	1
Toluene-d8 (Surr)	111		80 - 120		10/29/18 20:35	1

**Client Sample ID: MW-15I**

**Lab Sample ID: 460-167890-12**

**Date Collected: 10/24/18 15:23**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 14:12	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 14:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 14:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 14:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 14:12	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 14:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 14:12	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-15I**

**Lab Sample ID: 460-167890-12**

**Date Collected: 10/24/18 15:23**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 14:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 14:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 14:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 14:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 14:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 14:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 14:12	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 14:12	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 14:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 14:12	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 14:12	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 14:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 14:12	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 14:12	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 14:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 14:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 14:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 14:12	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 14:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 14:12	1
<b>Chloroform</b>	<b>0.38</b>	<b>J</b>	1.0	0.33	ug/L			10/29/18 14:12	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 14:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 14:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 14:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 14:12	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 14:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 14:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 14:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 14:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 14:12	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 14:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 14:12	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 14:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 14:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 14:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 14:12	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 14:12	1
<b>Tetrachloroethene</b>	<b>72</b>		1.0	0.25	ug/L			10/29/18 14:12	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 14:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 14:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 14:12	1
<b>Trichloroethene</b>	<b>1.8</b>		1.0	0.31	ug/L			10/29/18 14:12	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 14:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/29/18 14:12	1
4-Bromofluorobenzene	110		77 - 124		10/29/18 14:12	1
Dibromofluoromethane (Surr)	118		72 - 131		10/29/18 14:12	1
Toluene-d8 (Surr)	102		80 - 120		10/29/18 14:12	1

TestAmerica Edison



# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-16**

**Lab Sample ID: 460-167890-13**

**Date Collected: 10/24/18 16:30**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 14:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 14:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 14:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 14:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 14:36	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 14:36	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 14:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 14:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 14:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 14:36	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 14:36	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 14:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 14:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 14:36	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 14:36	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 14:36	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 14:36	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 14:36	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 14:36	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 14:36	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 14:36	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 14:36	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 14:36	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 14:36	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 14:36	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 14:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 14:36	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 14:36	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 14:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 14:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 14:36	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 14:36	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 14:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 14:36	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 14:36	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 14:36	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 14:36	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 14:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 14:36	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 14:36	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 14:36	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 14:36	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 14:36	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 14:36	1
<b>Tetrachloroethene</b>	<b>4.2</b>		1.0	0.25	ug/L			10/29/18 14:36	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 14:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 14:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 14:36	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 14:36	1

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-16**

**Lab Sample ID: 460-167890-13**

**Date Collected: 10/24/18 16:30**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 14:36	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		74 - 132		10/29/18 14:36	1
4-Bromofluorobenzene	114		77 - 124		10/29/18 14:36	1
Dibromofluoromethane (Surr)	123		72 - 131		10/29/18 14:36	1
Toluene-d8 (Surr)	106		80 - 120		10/29/18 14:36	1

**Client Sample ID: DUP1**

**Lab Sample ID: 460-167890-14**

**Date Collected: 10/24/18 00:00**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			10/30/18 09:52	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			10/30/18 09:52	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62	ug/L			10/30/18 09:52	2
1,1,2-Trichloroethane	2.0	U	2.0	0.87	ug/L			10/30/18 09:52	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			10/30/18 09:52	2
1,1-Dichloroethene	2.0	U	2.0	0.23	ug/L			10/30/18 09:52	2
1,2,3-Trichlorobenzene	2.0	U	2.0	0.71	ug/L			10/30/18 09:52	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.73	ug/L			10/30/18 09:52	2
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.75	ug/L			10/30/18 09:52	2
1,2-Dichlorobenzene	2.0	U	2.0	0.86	ug/L			10/30/18 09:52	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			10/30/18 09:52	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			10/30/18 09:52	2
1,3-Dichlorobenzene	2.0	U	2.0	0.68	ug/L			10/30/18 09:52	2
1,4-Dichlorobenzene	2.0	U	2.0	1.5	ug/L			10/30/18 09:52	2
2-Butanone (MEK)	10	U	10	3.7	ug/L			10/30/18 09:52	2
2-Hexanone	10	U	10	5.8	ug/L			10/30/18 09:52	2
4-Methyl-2-pentanone (MIBK)	10	U	10	5.5	ug/L			10/30/18 09:52	2
<b>Acetone</b>	<b>45</b>		10	10	ug/L			10/30/18 09:52	2
Benzene	2.0	U	2.0	0.86	ug/L			10/30/18 09:52	2
Bromoform	2.0	U	2.0	1.1	ug/L			10/30/18 09:52	2
Bromomethane	2.0	U	2.0	2.0	ug/L			10/30/18 09:52	2
Carbon disulfide	2.0	U	2.0	0.31	ug/L			10/30/18 09:52	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			10/30/18 09:52	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			10/30/18 09:52	2
Chlorobromomethane	2.0	U	2.0	0.82	ug/L			10/30/18 09:52	2
Chlorodibromomethane	2.0	U	2.0	0.56	ug/L			10/30/18 09:52	2
Chloroethane	2.0	U	2.0	0.64	ug/L			10/30/18 09:52	2
Chloroform	2.0	U	2.0	0.65	ug/L			10/30/18 09:52	2
Chloromethane	2.0	U	2.0	0.29	ug/L			10/30/18 09:52	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			10/30/18 09:52	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.91	ug/L			10/30/18 09:52	2
Cyclohexane	2.0	U	2.0	0.64	ug/L			10/30/18 09:52	2
Dichlorobromomethane	2.0	U	2.0	0.69	ug/L			10/30/18 09:52	2
Dichlorodifluoromethane	2.0	U	2.0	0.24	ug/L			10/30/18 09:52	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			10/30/18 09:52	2

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: DUP1**

**Lab Sample ID: 460-167890-14**

**Date Collected: 10/24/18 00:00**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	2.0	U	2.0	1.0	ug/L			10/30/18 09:52	2
Isopropylbenzene	2.0	U	2.0	0.67	ug/L			10/30/18 09:52	2
Methyl acetate	10	U	10	0.63	ug/L			10/30/18 09:52	2
Methyl tert-butyl ether	2.0	U	2.0	0.93	ug/L			10/30/18 09:52	2
Methylcyclohexane	2.0	U	2.0	0.52	ug/L			10/30/18 09:52	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			10/30/18 09:52	2
m-Xylene & p-Xylene	2.0	U	2.0	0.59	ug/L			10/30/18 09:52	2
o-Xylene	2.0	U	2.0	0.72	ug/L			10/30/18 09:52	2
Styrene	2.0	U	2.0	0.83	ug/L			10/30/18 09:52	2
<b>Tetrachloroethene</b>	<b>730</b>		2.0	0.50	ug/L			10/30/18 09:52	2
Toluene	2.0	U	2.0	0.76	ug/L			10/30/18 09:52	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			10/30/18 09:52	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.97	ug/L			10/30/18 09:52	2
<b>Trichloroethene</b>	<b>34</b>		2.0	0.63	ug/L			10/30/18 09:52	2
Trichlorofluoromethane	2.0	U	2.0	0.29	ug/L			10/30/18 09:52	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			10/30/18 09:52	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 132		10/30/18 09:52	2
4-Bromofluorobenzene	116		77 - 124		10/30/18 09:52	2
Dibromofluoromethane (Surr)	114		72 - 131		10/30/18 09:52	2
Toluene-d8 (Surr)	110		80 - 120		10/30/18 09:52	2

**Client Sample ID: Trip Blank**

**Lab Sample ID: 460-167890-15**

**Date Collected: 10/24/18 00:00**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 06:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 06:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 06:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 06:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 06:42	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 06:42	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 06:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 06:42	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 06:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 06:42	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 06:42	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 06:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 06:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 06:42	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 06:42	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 06:42	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 06:42	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 06:42	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 06:42	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 06:42	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 06:42	1

TestAmerica Edison

# Client Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 460-167890-15**

**Date Collected: 10/24/18 00:00**

**Matrix: Water**

**Date Received: 10/25/18 20:00**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 06:42	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 06:42	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 06:42	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 06:42	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 06:42	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 06:42	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 06:42	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 06:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 06:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 06:42	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 06:42	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 06:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 06:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 06:42	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 06:42	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 06:42	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 06:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 06:42	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 06:42	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 06:42	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 06:42	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 06:42	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 06:42	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 06:42	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 06:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 06:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 06:42	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 06:42	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 06:42	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/29/18 06:42	1
4-Bromofluorobenzene	109		77 - 124		10/29/18 06:42	1
Dibromofluoromethane (Surr)	117		72 - 131		10/29/18 06:42	1
Toluene-d8 (Surr)	103		80 - 120		10/29/18 06:42	1

# Surrogate Summary

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (74-132)	BFB (77-124)	DBFM (72-131)	TOL (80-120)
460-167890-1	MW-8S	108	118	119	110
460-167890-2	MW-8I	103	109	118	101
460-167890-3	MW-8D	106	113	118	111
460-167890-4	MW-7	105	106	120	104
460-167890-5	MW-9	107	112	118	107
460-167890-6	MW-10	105	117	119	106
460-167890-6 MS	MW-10	103	113	114	107
460-167890-6 MSD	MW-10	104	116	113	107
460-167890-7	MW-12	100	123	116	114
460-167890-8	MW-13	103	119	119	108
460-167890-9	MW-11	104	118	117	105
460-167890-10	MW-14	108	114	119	102
460-167890-11	MW-15S	104	108	116	111
460-167890-12	MW-15I	103	110	118	102
460-167890-13	MW-16	105	114	123	106
460-167890-14	DUP1	100	116	114	110
460-167890-15	Trip Blank	103	109	117	103
LCS 460-563951/4	Lab Control Sample	105	111	115	105
LCS 460-564124/4	Lab Control Sample	103	116	115	106
LCS 460-564222/4	Lab Control Sample	98	117	112	106
LCSD 460-564124/5	Lab Control Sample Dup	103	114	113	107
LCSD 460-564222/5	Lab Control Sample Dup	97	113	115	105
MB 460-563951/8	Method Blank	105	112	120	106
MB 460-564124/8	Method Blank	101	115	113	107
MB 460-564222/8	Method Blank	103	118	116	103

### Surrogate Legend

- DCA = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene
- DBFM = Dibromofluoromethane (Surr)
- TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 460-563951/8**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 06:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 06:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 06:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 06:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 06:18	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 06:18	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 06:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 06:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 06:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 06:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 06:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 06:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 06:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 06:18	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 06:18	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 06:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 06:18	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 06:18	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 06:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 06:18	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 06:18	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 06:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 06:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 06:18	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 06:18	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 06:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 06:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 06:18	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 06:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 06:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 06:18	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 06:18	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 06:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 06:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 06:18	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 06:18	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 06:18	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 06:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 06:18	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 06:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 06:18	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 06:18	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 06:18	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 06:18	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 06:18	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 06:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 06:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 06:18	1

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 460-563951/8**  
**Matrix: Water**  
**Analysis Batch: 563951**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 06:18	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 06:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 06:18	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
%Recovery	Qualifier								
1,2-Dichloroethane-d4 (Surr)	105		74 - 132					10/29/18 06:18	1
4-Bromofluorobenzene	112		77 - 124					10/29/18 06:18	1
Dibromofluoromethane (Surr)	120		72 - 131					10/29/18 06:18	1
Toluene-d8 (Surr)	106		80 - 120					10/29/18 06:18	1

**Lab Sample ID: LCS 460-563951/4**  
**Matrix: Water**  
**Analysis Batch: 563951**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		106	59 - 150
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	78 - 120
1,1-Dichloroethane	20.0	19.7		ug/L		98	77 - 123
1,1-Dichloroethene	20.0	18.6		ug/L		93	74 - 123
1,2,3-Trichlorobenzene	20.0	21.8		ug/L		109	78 - 131
1,2,4-Trichlorobenzene	20.0	21.8		ug/L		109	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	55 - 134
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	20.0	21.1		ug/L		105	76 - 121
1,2-Dichloropropane	20.0	19.9		ug/L		99	77 - 123
1,3-Dichlorobenzene	20.0	20.3		ug/L		101	80 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		107	80 - 120
2-Butanone (MEK)	100	106		ug/L		106	64 - 120
2-Hexanone	100	95.4		ug/L		95	71 - 125
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	78 - 124
Acetone	100	80.0		ug/L		80	39 - 150
Benzene	20.0	20.7		ug/L		104	77 - 121
Bromoform	20.0	21.2		ug/L		106	53 - 120
Bromomethane	20.0	17.9		ug/L		90	10 - 150
Carbon disulfide	20.0	18.0		ug/L		90	69 - 133
Carbon tetrachloride	20.0	20.0		ug/L		100	70 - 132
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120
Chlorobromomethane	20.0	22.4		ug/L		112	77 - 127
Chlorodibromomethane	20.0	21.4		ug/L		107	73 - 120
Chloroethane	20.0	17.5		ug/L		87	52 - 150
Chloroform	20.0	20.3		ug/L		102	80 - 120
Chloromethane	20.0	15.7		ug/L		78	56 - 131
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	80 - 120
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	77 - 120
Cyclohexane	20.0	18.5		ug/L		92	56 - 150

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 460-563951/4**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20.0	20.2		ug/L		101	76 - 120
Dichlorodifluoromethane	20.0	18.5		ug/L		93	50 - 131
Ethylbenzene	20.0	20.0		ug/L		100	80 - 120
Ethylene Dibromide	20.0	22.2		ug/L		111	80 - 120
Isopropylbenzene	20.0	20.1		ug/L		101	80 - 123
Methyl acetate	40.0	35.4		ug/L		88	66 - 144
Methyl tert-butyl ether	20.0	19.6		ug/L		98	79 - 122
Methylcyclohexane	20.0	19.1		ug/L		96	61 - 145
Methylene Chloride	20.0	19.4		ug/L		97	77 - 123
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	80 - 120
o-Xylene	20.0	20.0		ug/L		100	80 - 120
Styrene	20.0	19.5		ug/L		97	80 - 120
Tetrachloroethene	20.0	22.2		ug/L		111	78 - 122
Toluene	20.0	20.0		ug/L		100	80 - 120
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	79 - 120
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	76 - 120
Trichloroethene	20.0	21.0		ug/L		105	77 - 120
Trichlorofluoromethane	20.0	20.7		ug/L		104	71 - 143
Vinyl chloride	20.0	17.2		ug/L		86	62 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		74 - 132
4-Bromofluorobenzene	111		77 - 124
Dibromofluoromethane (Surr)	115		72 - 131
Toluene-d8 (Surr)	105		80 - 120

**Lab Sample ID: 460-167890-6 MS**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: MW-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.6		ug/L		103	75 - 125
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.6		ug/L		108	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	22.4		ug/L		112	59 - 150
1,1,2-Trichloroethane	1.0	U	20.0	20.0		ug/L		100	78 - 120
1,1-Dichloroethane	1.0	U	20.0	21.0		ug/L		105	77 - 123
1,1-Dichloroethene	1.0	U	20.0	20.3		ug/L		101	74 - 123
1,2,3-Trichlorobenzene	1.0	U	20.0	22.2		ug/L		111	78 - 131
1,2,4-Trichlorobenzene	1.0	U	20.0	22.2		ug/L		111	80 - 124
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	15.8		ug/L		79	55 - 134
1,2-Dichlorobenzene	1.0	U	20.0	22.1		ug/L		111	80 - 120
1,2-Dichloroethane	1.0	U	20.0	21.0		ug/L		105	76 - 121
1,2-Dichloropropane	1.0	U	20.0	21.4		ug/L		107	77 - 123
1,3-Dichlorobenzene	1.0	U	20.0	21.9		ug/L		109	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	21.7		ug/L		109	80 - 120
2-Butanone (MEK)	5.0	U	100	116		ug/L		116	64 - 120
2-Hexanone	5.0	U	100	102		ug/L		102	71 - 125

TestAmerica Edison



# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 460-167890-6 MS**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: MW-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	5.0	U	100	118		ug/L		118	78 - 124
Acetone	34		100	98.5		ug/L		65	39 - 150
Benzene	1.0	U	20.0	21.2		ug/L		106	77 - 121
Bromoform	1.0	U	20.0	21.9		ug/L		110	53 - 120
Bromomethane	1.0	U	20.0	19.0		ug/L		95	10 - 150
Carbon disulfide	1.0	U	20.0	18.8		ug/L		94	69 - 133
Carbon tetrachloride	1.0	U	20.0	22.3		ug/L		111	70 - 132
Chlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120
Chlorobromomethane	1.0	U	20.0	22.4		ug/L		112	77 - 127
Chlorodibromomethane	1.0	U	20.0	21.7		ug/L		109	73 - 120
Chloroethane	1.0	U	20.0	18.8		ug/L		94	52 - 150
Chloroform	1.0	U	20.0	21.3		ug/L		106	80 - 120
Chloromethane	1.0	U	20.0	16.7		ug/L		83	56 - 131
cis-1,2-Dichloroethene	1.0	U	20.0	21.8		ug/L		109	80 - 120
cis-1,3-Dichloropropene	1.0	U	20.0	19.9		ug/L		100	77 - 120
Cyclohexane	1.0	U	20.0	20.2		ug/L		101	56 - 150
Dichlorobromomethane	1.0	U	20.0	21.1		ug/L		106	76 - 120
Dichlorodifluoromethane	1.0	U	20.0	18.4		ug/L		92	50 - 131
Ethylbenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120
Ethylene Dibromide	1.0	U	20.0	21.7		ug/L		108	80 - 120
Isopropylbenzene	1.0	U	20.0	21.6		ug/L		108	80 - 123
Methyl acetate	5.0	U	40.0	44.4		ug/L		111	66 - 144
Methyl tert-butyl ether	1.0	U	20.0	20.0		ug/L		100	79 - 122
Methylcyclohexane	1.0	U	20.0	20.5		ug/L		103	61 - 145
Methylene Chloride	1.0	U	20.0	20.7		ug/L		103	77 - 123
m-Xylene & p-Xylene	1.0	U	20.0	21.8		ug/L		109	80 - 120
o-Xylene	1.0	U	20.0	20.8		ug/L		104	80 - 120
Styrene	1.0	U	20.0	20.5		ug/L		103	80 - 120
Tetrachloroethene	11		20.0	31.6		ug/L		102	78 - 122
Toluene	1.0	U	20.0	20.8		ug/L		104	80 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.1		ug/L		106	79 - 120
trans-1,3-Dichloropropene	1.0	U	20.0	20.1		ug/L		101	76 - 120
Trichloroethene	1.4		20.0	23.6		ug/L		111	77 - 120
Trichlorofluoromethane	1.0	U	20.0	22.6		ug/L		113	71 - 143
Vinyl chloride	1.0	U	20.0	17.4		ug/L		87	62 - 138

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		74 - 132
4-Bromofluorobenzene	113		77 - 124
Dibromofluoromethane (Surr)	114		72 - 131
Toluene-d8 (Surr)	107		80 - 120

**Lab Sample ID: 460-167890-6 MSD**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: MW-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	18.6		ug/L		93	75 - 125	10	30

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 460-167890-6 MSD**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: MW-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	1.0	U	20.0	17.5		ug/L		87	74 - 120	21	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	19.8		ug/L		99	59 - 150	12	30
1,1,2-Trichloroethane	1.0	U	20.0	17.8		ug/L		89	78 - 120	12	30
1,1-Dichloroethane	1.0	U	20.0	18.2		ug/L		91	77 - 123	14	30
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		94	74 - 123	8	30
1,2,3-Trichlorobenzene	1.0	U	20.0	19.6		ug/L		98	78 - 131	13	30
1,2,4-Trichlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 124	11	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	13.9		ug/L		70	55 - 134	13	30
1,2-Dichlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120	15	30
1,2-Dichloroethane	1.0	U	20.0	18.2		ug/L		91	76 - 121	14	30
1,2-Dichloropropane	1.0	U	20.0	17.4		ug/L		87	77 - 123	20	30
1,3-Dichlorobenzene	1.0	U	20.0	18.9		ug/L		95	80 - 120	15	30
1,4-Dichlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 120	14	30
2-Butanone (MEK)	5.0	U	100	95.3		ug/L		95	64 - 120	20	30
2-Hexanone	5.0	U	100	94.6		ug/L		95	71 - 125	8	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	102		ug/L		102	78 - 124	15	30
Acetone	34		100	98.8		ug/L		65	39 - 150	0	30
Benzene	1.0	U	20.0	18.2		ug/L		91	77 - 121	15	30
Bromoform	1.0	U	20.0	20.1		ug/L		101	53 - 120	9	30
Bromomethane	1.0	U	20.0	18.7		ug/L		93	10 - 150	2	30
Carbon disulfide	1.0	U	20.0	16.7		ug/L		84	69 - 133	12	30
Carbon tetrachloride	1.0	U	20.0	19.5		ug/L		98	70 - 132	13	30
Chlorobenzene	1.0	U	20.0	18.9		ug/L		95	80 - 120	11	30
Chlorobromomethane	1.0	U	20.0	20.4		ug/L		102	77 - 127	9	30
Chlorodibromomethane	1.0	U	20.0	19.1		ug/L		96	73 - 120	13	30
Chloroethane	1.0	U	20.0	18.5		ug/L		92	52 - 150	2	30
Chloroform	1.0	U	20.0	18.1		ug/L		90	80 - 120	16	30
Chloromethane	1.0	U	20.0	16.2		ug/L		81	56 - 131	3	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		97	80 - 120	12	30
cis-1,3-Dichloropropene	1.0	U	20.0	17.3		ug/L		87	77 - 120	14	30
Cyclohexane	1.0	U	20.0	17.9		ug/L		89	56 - 150	12	30
Dichlorobromomethane	1.0	U	20.0	17.8		ug/L		89	76 - 120	17	30
Dichlorodifluoromethane	1.0	U	20.0	18.7		ug/L		93	50 - 131	2	30
Ethylbenzene	1.0	U	20.0	18.7		ug/L		93	80 - 120	15	30
Ethylene Dibromide	1.0	U	20.0	19.7		ug/L		98	80 - 120	10	30
Isopropylbenzene	1.0	U	20.0	18.9		ug/L		94	80 - 123	13	30
Methyl acetate	5.0	U	40.0	42.1		ug/L		105	66 - 144	5	30
Methyl tert-butyl ether	1.0	U	20.0	18.1		ug/L		91	79 - 122	10	30
Methylcyclohexane	1.0	U	20.0	18.3		ug/L		92	61 - 145	11	30
Methylene Chloride	1.0	U	20.0	18.5		ug/L		92	77 - 123	11	30
m-Xylene & p-Xylene	1.0	U	20.0	19.0		ug/L		95	80 - 120	13	30
o-Xylene	1.0	U	20.0	18.2		ug/L		91	80 - 120	14	30
Styrene	1.0	U	20.0	18.3		ug/L		91	80 - 120	12	30
Tetrachloroethene	11		20.0	29.6		ug/L		91	78 - 122	7	30
Toluene	1.0	U	20.0	18.2		ug/L		91	80 - 120	13	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	79 - 120	6	30
trans-1,3-Dichloropropene	1.0	U	20.0	17.3		ug/L		87	76 - 120	15	30

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 460-167890-6 MSD**

**Matrix: Water**

**Analysis Batch: 563951**

**Client Sample ID: MW-10**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	1.4		20.0	19.1		ug/L		89	77 - 120	21	30
Trichlorofluoromethane	1.0	U	20.0	21.8		ug/L		109	71 - 143	4	30
Vinyl chloride	1.0	U	20.0	17.5		ug/L		87	62 - 138	0	30
<b>Surrogate</b>	<b>MSD %Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	104		74 - 132								
4-Bromofluorobenzene	116		77 - 124								
Dibromofluoromethane (Surr)	113		72 - 131								
Toluene-d8 (Surr)	107		80 - 120								

**Lab Sample ID: MB 460-564124/8**

**Matrix: Water**

**Analysis Batch: 564124**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/29/18 19:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/29/18 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/29/18 19:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 19:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/29/18 19:24	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/29/18 19:24	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/29/18 19:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/29/18 19:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/29/18 19:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/29/18 19:24	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/29/18 19:24	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/29/18 19:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/29/18 19:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/29/18 19:24	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/29/18 19:24	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/29/18 19:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/29/18 19:24	1
Acetone	5.0	U	5.0	5.0	ug/L			10/29/18 19:24	1
Benzene	1.0	U	1.0	0.43	ug/L			10/29/18 19:24	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/29/18 19:24	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/29/18 19:24	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/29/18 19:24	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/29/18 19:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/29/18 19:24	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/29/18 19:24	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/29/18 19:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/29/18 19:24	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/29/18 19:24	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/29/18 19:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/29/18 19:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/29/18 19:24	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/29/18 19:24	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/29/18 19:24	1

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 460-564124/8**  
**Matrix: Water**  
**Analysis Batch: 564124**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/29/18 19:24	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/29/18 19:24	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/29/18 19:24	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/29/18 19:24	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/29/18 19:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/29/18 19:24	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/29/18 19:24	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/29/18 19:24	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/29/18 19:24	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/29/18 19:24	1
Styrene	1.0	U	1.0	0.42	ug/L			10/29/18 19:24	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/29/18 19:24	1
Toluene	1.0	U	1.0	0.38	ug/L			10/29/18 19:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/29/18 19:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/29/18 19:24	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/29/18 19:24	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/29/18 19:24	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/29/18 19:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		74 - 132		10/29/18 19:24	1
4-Bromofluorobenzene	115		77 - 124		10/29/18 19:24	1
Dibromofluoromethane (Surr)	113		72 - 131		10/29/18 19:24	1
Toluene-d8 (Surr)	107		80 - 120		10/29/18 19:24	1

**Lab Sample ID: LCS 460-564124/4**  
**Matrix: Water**  
**Analysis Batch: 564124**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	59 - 150
1,1,2-Trichloroethane	20.0	18.7		ug/L		93	78 - 120
1,1-Dichloroethane	20.0	18.6		ug/L		93	77 - 123
1,1-Dichloroethene	20.0	18.3		ug/L		91	74 - 123
1,2,3-Trichlorobenzene	20.0	21.6		ug/L		108	78 - 131
1,2,4-Trichlorobenzene	20.0	21.8		ug/L		109	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	14.6		ug/L		73	55 - 134
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
1,2-Dichloroethane	20.0	19.5		ug/L		97	76 - 121
1,2-Dichloropropane	20.0	18.9		ug/L		94	77 - 123
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	100	106		ug/L		106	64 - 120
2-Hexanone	100	101		ug/L		101	71 - 125
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	78 - 124

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 460-564124/4**  
**Matrix: Water**  
**Analysis Batch: 564124**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	76.1		ug/L		76	39 - 150
Benzene	20.0	18.7		ug/L		94	77 - 121
Bromoform	20.0	22.2		ug/L		111	53 - 120
Bromomethane	20.0	14.9		ug/L		74	10 - 150
Carbon disulfide	20.0	17.9		ug/L		90	69 - 133
Carbon tetrachloride	20.0	19.2		ug/L		96	70 - 132
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120
Chlorobromomethane	20.0	21.8		ug/L		109	77 - 127
Chlorodibromomethane	20.0	21.1		ug/L		106	73 - 120
Chloroethane	20.0	14.5		ug/L		72	52 - 150
Chloroform	20.0	18.9		ug/L		94	80 - 120
Chloromethane	20.0	12.5		ug/L		63	56 - 131
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	80 - 120
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	77 - 120
Cyclohexane	20.0	17.2		ug/L		86	56 - 150
Dichlorobromomethane	20.0	18.6		ug/L		93	76 - 120
Dichlorodifluoromethane	20.0	15.2		ug/L		76	50 - 131
Ethylbenzene	20.0	19.6		ug/L		98	80 - 120
Ethylene Dibromide	20.0	20.4		ug/L		102	80 - 120
Isopropylbenzene	20.0	19.2		ug/L		96	80 - 123
Methyl acetate	40.0	32.7		ug/L		82	66 - 144
Methyl tert-butyl ether	20.0	19.1		ug/L		96	79 - 122
Methylcyclohexane	20.0	18.2		ug/L		91	61 - 145
Methylene Chloride	20.0	18.5		ug/L		93	77 - 123
m-Xylene & p-Xylene	20.0	19.3		ug/L		96	80 - 120
o-Xylene	20.0	19.1		ug/L		95	80 - 120
Styrene	20.0	19.3		ug/L		96	80 - 120
Tetrachloroethene	20.0	21.1		ug/L		105	78 - 122
Toluene	20.0	18.4		ug/L		92	80 - 120
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	79 - 120
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	76 - 120
Trichloroethene	20.0	19.9		ug/L		100	77 - 120
Trichlorofluoromethane	20.0	17.4		ug/L		87	71 - 143
Vinyl chloride	20.0	13.5		ug/L		68	62 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		74 - 132
4-Bromofluorobenzene	116		77 - 124
Dibromofluoromethane (Surr)	115		72 - 131
Toluene-d8 (Surr)	106		80 - 120

**Lab Sample ID: LCSD 460-564124/5**  
**Matrix: Water**  
**Analysis Batch: 564124**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.3		ug/L		101	75 - 125	9	30
1,1,1,2-Tetrachloroethane	20.0	19.8		ug/L		99	74 - 120	11	30

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS D 460-564124/5**

**Matrix: Water**

**Analysis Batch: 564124**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4		ug/L		107	59 - 150	10	30
1,1,2-Trichloroethane	20.0	19.2		ug/L		96	78 - 120	3	30
1,1-Dichloroethane	20.0	19.4		ug/L		97	77 - 123	4	30
1,1-Dichloroethene	20.0	19.9		ug/L		100	74 - 123	9	30
1,2,3-Trichlorobenzene	20.0	23.2		ug/L		116	78 - 131	7	30
1,2,4-Trichlorobenzene	20.0	22.8		ug/L		114	80 - 124	5	30
1,2-Dibromo-3-Chloropropane	20.0	16.3		ug/L		81	55 - 134	11	30
1,2-Dichlorobenzene	20.0	22.3		ug/L		112	80 - 120	9	30
1,2-Dichloroethane	20.0	20.5		ug/L		103	76 - 121	5	30
1,2-Dichloropropane	20.0	19.5		ug/L		97	77 - 123	3	30
1,3-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120	7	30
1,4-Dichlorobenzene	20.0	21.7		ug/L		109	80 - 120	5	30
2-Butanone (MEK)	100	111		ug/L		111	64 - 120	4	30
2-Hexanone	100	97.6		ug/L		98	71 - 125	4	30
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	78 - 124	0	30
Acetone	100	74.3		ug/L		74	39 - 150	2	30
Benzene	20.0	20.5		ug/L		103	77 - 121	9	30
Bromoform	20.0	22.2		ug/L		111	53 - 120	0	30
Bromomethane	20.0	16.3		ug/L		81	10 - 150	9	30
Carbon disulfide	20.0	19.5		ug/L		98	69 - 133	8	30
Carbon tetrachloride	20.0	20.9		ug/L		105	70 - 132	8	30
Chlorobenzene	20.0	21.0		ug/L		105	80 - 120	4	30
Chlorobromomethane	20.0	22.1		ug/L		110	77 - 127	1	30
Chlorodibromomethane	20.0	21.7		ug/L		108	73 - 120	3	30
Chloroethane	20.0	15.2		ug/L		76	52 - 150	5	30
Chloroform	20.0	19.7		ug/L		98	80 - 120	4	30
Chloromethane	20.0	13.5		ug/L		67	56 - 131	7	30
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	80 - 120	7	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	77 - 120	11	30
Cyclohexane	20.0	19.3		ug/L		96	56 - 150	11	30
Dichlorobromomethane	20.0	20.0		ug/L		100	76 - 120	7	30
Dichlorodifluoromethane	20.0	16.5		ug/L		82	50 - 131	8	30
Ethylbenzene	20.0	21.4		ug/L		107	80 - 120	9	30
Ethylene Dibromide	20.0	21.0		ug/L		105	80 - 120	3	30
Isopropylbenzene	20.0	20.6		ug/L		103	80 - 123	7	30
Methyl acetate	40.0	29.8		ug/L		75	66 - 144	9	30
Methyl tert-butyl ether	20.0	18.3		ug/L		91	79 - 122	4	30
Methylcyclohexane	20.0	19.7		ug/L		98	61 - 145	8	30
Methylene Chloride	20.0	19.4		ug/L		97	77 - 123	4	30
m-Xylene & p-Xylene	20.0	20.7		ug/L		103	80 - 120	7	30
o-Xylene	20.0	20.5		ug/L		103	80 - 120	7	30
Styrene	20.0	20.4		ug/L		102	80 - 120	6	30
Tetrachloroethene	20.0	23.4		ug/L		117	78 - 122	11	30
Toluene	20.0	20.4		ug/L		102	80 - 120	10	30
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	79 - 120	8	30
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	76 - 120	3	30
Trichloroethene	20.0	21.5		ug/L		107	77 - 120	8	30

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 460-564124/5**

**Matrix: Water**

**Analysis Batch: 564124**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	20.0	19.1		ug/L		96	71 - 143	9	30
Vinyl chloride	20.0	14.5		ug/L		73	62 - 138	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		74 - 132
4-Bromofluorobenzene	114		77 - 124
Dibromofluoromethane (Surr)	113		72 - 131
Toluene-d8 (Surr)	107		80 - 120

**Lab Sample ID: MB 460-564222/8**

**Matrix: Water**

**Analysis Batch: 564222**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/30/18 07:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/30/18 07:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/30/18 07:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			10/30/18 07:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/30/18 07:06	1
1,1-Dichloroethene	1.0	U	1.0	0.12	ug/L			10/30/18 07:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/30/18 07:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/30/18 07:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/30/18 07:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			10/30/18 07:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/30/18 07:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/30/18 07:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/30/18 07:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.76	ug/L			10/30/18 07:06	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/30/18 07:06	1
2-Hexanone	5.0	U	5.0	2.9	ug/L			10/30/18 07:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7	ug/L			10/30/18 07:06	1
Acetone	5.0	U	5.0	5.0	ug/L			10/30/18 07:06	1
Benzene	1.0	U	1.0	0.43	ug/L			10/30/18 07:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/30/18 07:06	1
Bromomethane	1.0	U	1.0	1.0	ug/L			10/30/18 07:06	1
Carbon disulfide	1.0	U	1.0	0.16	ug/L			10/30/18 07:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/30/18 07:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/30/18 07:06	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/30/18 07:06	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/30/18 07:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/30/18 07:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/30/18 07:06	1
Chloromethane	1.0	U	1.0	0.14	ug/L			10/30/18 07:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/30/18 07:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			10/30/18 07:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/30/18 07:06	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/30/18 07:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.12	ug/L			10/30/18 07:06	1

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 460-564222/8**

**Matrix: Water**

**Analysis Batch: 564222**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/30/18 07:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/30/18 07:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/30/18 07:06	1
Methyl acetate	5.0	U	5.0	0.31	ug/L			10/30/18 07:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.47	ug/L			10/30/18 07:06	1
Methylcyclohexane	1.0	U	1.0	0.26	ug/L			10/30/18 07:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/30/18 07:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/30/18 07:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/30/18 07:06	1
Styrene	1.0	U	1.0	0.42	ug/L			10/30/18 07:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/30/18 07:06	1
Toluene	1.0	U	1.0	0.38	ug/L			10/30/18 07:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/30/18 07:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			10/30/18 07:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/30/18 07:06	1
Trichlorofluoromethane	1.0	U	1.0	0.14	ug/L			10/30/18 07:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/30/18 07:06	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		74 - 132		10/30/18 07:06	1
4-Bromofluorobenzene	118		77 - 124		10/30/18 07:06	1
Dibromofluoromethane (Surr)	116		72 - 131		10/30/18 07:06	1
Toluene-d8 (Surr)	103		80 - 120		10/30/18 07:06	1

**Lab Sample ID: LCS 460-564222/4**

**Matrix: Water**

**Analysis Batch: 564222**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/L		100	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.1		ug/L		110	59 - 150
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	78 - 120
1,1-Dichloroethane	20.0	20.1		ug/L		101	77 - 123
1,1-Dichloroethene	20.0	19.8		ug/L		99	74 - 123
1,2,3-Trichlorobenzene	20.0	23.9		ug/L		120	78 - 131
1,2,4-Trichlorobenzene	20.0	23.5		ug/L		118	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	15.8		ug/L		79	55 - 134
1,2-Dichlorobenzene	20.0	22.6		ug/L		113	80 - 120
1,2-Dichloroethane	20.0	21.1		ug/L		105	76 - 121
1,2-Dichloropropane	20.0	20.0		ug/L		100	77 - 123
1,3-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 120
2-Butanone (MEK)	100	117		ug/L		117	64 - 120
2-Hexanone	100	103		ug/L		103	71 - 125
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	78 - 124
Acetone	100	84.6		ug/L		85	39 - 150

TestAmerica Edison



# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 460-564222/4**  
**Matrix: Water**  
**Analysis Batch: 564222**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	20.4		ug/L		102	77 - 121
Bromoform	20.0	23.4		ug/L		117	53 - 120
Bromomethane	20.0	18.8		ug/L		94	10 - 150
Carbon disulfide	20.0	19.3		ug/L		97	69 - 133
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 132
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120
Chlorobromomethane	20.0	23.2		ug/L		116	77 - 127
Chlorodibromomethane	20.0	22.8		ug/L		114	73 - 120
Chloroethane	20.0	18.0		ug/L		90	52 - 150
Chloroform	20.0	20.4		ug/L		102	80 - 120
Chloromethane	20.0	15.7		ug/L		79	56 - 131
cis-1,2-Dichloroethene	20.0	21.6		ug/L		108	80 - 120
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	77 - 120
Cyclohexane	20.0	19.5		ug/L		98	56 - 150
Dichlorobromomethane	20.0	20.1		ug/L		101	76 - 120
Dichlorodifluoromethane	20.0	21.1		ug/L		105	50 - 131
Ethylbenzene	20.0	22.0		ug/L		110	80 - 120
Ethylene Dibromide	20.0	22.3		ug/L		111	80 - 120
Isopropylbenzene	20.0	20.9		ug/L		104	80 - 123
Methyl acetate	40.0	34.3		ug/L		86	66 - 144
Methyl tert-butyl ether	20.0	19.9		ug/L		100	79 - 122
Methylcyclohexane	20.0	20.0		ug/L		100	61 - 145
Methylene Chloride	20.0	20.9		ug/L		104	77 - 123
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	80 - 120
o-Xylene	20.0	21.4		ug/L		107	80 - 120
Styrene	20.0	20.9		ug/L		105	80 - 120
Tetrachloroethene	20.0	23.8		ug/L		119	78 - 122
Toluene	20.0	20.3		ug/L		102	80 - 120
trans-1,2-Dichloroethene	20.0	21.3		ug/L		107	79 - 120
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	76 - 120
Trichloroethene	20.0	21.3		ug/L		106	77 - 120
Trichlorofluoromethane	20.0	21.9		ug/L		109	71 - 143
Vinyl chloride	20.0	17.2		ug/L		86	62 - 138

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		74 - 132
4-Bromofluorobenzene	117		77 - 124
Dibromofluoromethane (Surr)	112		72 - 131
Toluene-d8 (Surr)	106		80 - 120

**Lab Sample ID: LCSD 460-564222/5**  
**Matrix: Water**  
**Analysis Batch: 564222**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	75 - 125	1	30
1,1,1,2-Tetrachloroethane	20.0	18.5		ug/L		93	74 - 120	7	30

TestAmerica Edison

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS D 460-564222/5**

**Matrix: Water**

**Analysis Batch: 564222**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.5		ug/L		107	59 - 150	3	30
1,1,2-Trichloroethane	20.0	18.3		ug/L		91	78 - 120	8	30
1,1-Dichloroethane	20.0	19.5		ug/L		97	77 - 123	3	30
1,1-Dichloroethene	20.0	19.7		ug/L		98	74 - 123	1	30
1,2,3-Trichlorobenzene	20.0	23.2		ug/L		116	78 - 131	3	30
1,2,4-Trichlorobenzene	20.0	23.1		ug/L		115	80 - 124	2	30
1,2-Dibromo-3-Chloropropane	20.0	15.2		ug/L		76	55 - 134	3	30
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	80 - 120	5	30
1,2-Dichloroethane	20.0	19.6		ug/L		98	76 - 121	7	30
1,2-Dichloropropane	20.0	19.7		ug/L		98	77 - 123	2	30
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120	2	30
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 120	5	30
2-Butanone (MEK)	100	119		ug/L		119	64 - 120	1	30
2-Hexanone	100	100		ug/L		100	71 - 125	3	30
4-Methyl-2-pentanone (MIBK)	100	107		ug/L		107	78 - 124	2	30
Acetone	100	79.6		ug/L		80	39 - 150	6	30
Benzene	20.0	19.7		ug/L		99	77 - 121	3	30
Bromoform	20.0	23.2		ug/L		116	53 - 120	1	30
Bromomethane	20.0	19.4		ug/L		97	10 - 150	3	30
Carbon disulfide	20.0	19.4		ug/L		97	69 - 133	0	30
Carbon tetrachloride	20.0	21.3		ug/L		106	70 - 132	0	30
Chlorobenzene	20.0	20.8		ug/L		104	80 - 120	0	30
Chlorobromomethane	20.0	22.9		ug/L		114	77 - 127	2	30
Chlorodibromomethane	20.0	21.9		ug/L		109	73 - 120	4	30
Chloroethane	20.0	17.9		ug/L		89	52 - 150	1	30
Chloroform	20.0	20.0		ug/L		100	80 - 120	2	30
Chloromethane	20.0	16.1		ug/L		81	56 - 131	3	30
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	80 - 120	2	30
cis-1,3-Dichloropropene	20.0	20.1		ug/L		101	77 - 120	0	30
Cyclohexane	20.0	19.4		ug/L		97	56 - 150	1	30
Dichlorobromomethane	20.0	20.2		ug/L		101	76 - 120	0	30
Dichlorodifluoromethane	20.0	21.1		ug/L		105	50 - 131	0	30
Ethylbenzene	20.0	21.0		ug/L		105	80 - 120	4	30
Ethylene Dibromide	20.0	22.1		ug/L		111	80 - 120	1	30
Isopropylbenzene	20.0	20.2		ug/L		101	80 - 123	3	30
Methyl acetate	40.0	32.9		ug/L		82	66 - 144	4	30
Methyl tert-butyl ether	20.0	19.8		ug/L		99	79 - 122	0	30
Methylcyclohexane	20.0	19.2		ug/L		96	61 - 145	4	30
Methylene Chloride	20.0	20.2		ug/L		101	77 - 123	3	30
m-Xylene & p-Xylene	20.0	20.6		ug/L		103	80 - 120	2	30
o-Xylene	20.0	20.5		ug/L		102	80 - 120	4	30
Styrene	20.0	20.3		ug/L		102	80 - 120	3	30
Tetrachloroethene	20.0	23.0		ug/L		115	78 - 122	3	30
Toluene	20.0	20.1		ug/L		101	80 - 120	1	30
trans-1,2-Dichloroethene	20.0	21.1		ug/L		106	79 - 120	1	30
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	76 - 120	3	30
Trichloroethene	20.0	21.7		ug/L		108	77 - 120	2	30

# QC Sample Results

Client: New York State D.E.C.  
 Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 460-564222/5**

**Matrix: Water**

**Analysis Batch: 564222**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane	20.0	21.8		ug/L		109	71 - 143	0	30
Vinyl chloride	20.0	17.2		ug/L		86	62 - 138	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	97		74 - 132
4-Bromofluorobenzene	113		77 - 124
Dibromofluoromethane (Surr)	115		72 - 131
Toluene-d8 (Surr)	105		80 - 120

# Definitions/Glossary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

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## Qualifiers

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### GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
J	Indicates an estimated value.

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## Glossary

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Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# QC Association Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## GC/MS VOA

### Analysis Batch: 563951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-167890-1	MW-8S	Total/NA	Water	8260C	
460-167890-2	MW-8I	Total/NA	Water	8260C	
460-167890-3	MW-8D	Total/NA	Water	8260C	
460-167890-4	MW-7	Total/NA	Water	8260C	
460-167890-6	MW-10	Total/NA	Water	8260C	
460-167890-9	MW-11	Total/NA	Water	8260C	
460-167890-10	MW-14	Total/NA	Water	8260C	
460-167890-12	MW-15I	Total/NA	Water	8260C	
460-167890-13	MW-16	Total/NA	Water	8260C	
460-167890-15	Trip Blank	Total/NA	Water	8260C	
MB 460-563951/8	Method Blank	Total/NA	Water	8260C	
LCS 460-563951/4	Lab Control Sample	Total/NA	Water	8260C	
460-167890-6 MS	MW-10	Total/NA	Water	8260C	
460-167890-6 MSD	MW-10	Total/NA	Water	8260C	

### Analysis Batch: 564124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-167890-5	MW-9	Total/NA	Water	8260C	
460-167890-7	MW-12	Total/NA	Water	8260C	
460-167890-8	MW-13	Total/NA	Water	8260C	
460-167890-11	MW-15S	Total/NA	Water	8260C	
MB 460-564124/8	Method Blank	Total/NA	Water	8260C	
LCS 460-564124/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-564124/5	Lab Control Sample Dup	Total/NA	Water	8260C	

### Analysis Batch: 564222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-167890-14	DUP1	Total/NA	Water	8260C	
MB 460-564222/8	Method Blank	Total/NA	Water	8260C	
LCS 460-564222/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-564222/5	Lab Control Sample Dup	Total/NA	Water	8260C	

# Lab Chronicle

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Client Sample ID: MW-8S

Date Collected: 10/25/18 09:55

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 10:16	AAT	TAL EDI

## Client Sample ID: MW-8I

Date Collected: 10/25/18 09:45

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 10:40	AAT	TAL EDI

## Client Sample ID: MW-8D

Date Collected: 10/25/18 09:30

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 11:03	AAT	TAL EDI

## Client Sample ID: MW-7

Date Collected: 10/24/18 16:05

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 11:26	AAT	TAL EDI

## Client Sample ID: MW-9

Date Collected: 10/24/18 14:11

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	564124	10/29/18 22:57	AAT	TAL EDI

## Client Sample ID: MW-10

Date Collected: 10/24/18 14:38

Date Received: 10/25/18 20:00

## Lab Sample ID: 460-167890-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 07:53	AAT	TAL EDI

# Lab Chronicle

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-12**  
**Date Collected: 10/24/18 15:11**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-7**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	564124	10/29/18 19:48	AAT	TAL EDI

**Client Sample ID: MW-13**  
**Date Collected: 10/24/18 16:20**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	564124	10/29/18 20:11	AAT	TAL EDI

**Client Sample ID: MW-11**  
**Date Collected: 10/24/18 14:55**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-9**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 13:02	AAT	TAL EDI

**Client Sample ID: MW-14**  
**Date Collected: 10/24/18 15:45**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-10**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 13:25	AAT	TAL EDI

**Client Sample ID: MW-15S**  
**Date Collected: 10/24/18 15:35**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-11**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	564124	10/29/18 20:35	AAT	TAL EDI

**Client Sample ID: MW-15I**  
**Date Collected: 10/24/18 15:23**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-12**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 14:12	AAT	TAL EDI

# Lab Chronicle

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

**Client Sample ID: MW-16**  
**Date Collected: 10/24/18 16:30**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-13**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 14:36	AAT	TAL EDI

**Client Sample ID: DUP1**  
**Date Collected: 10/24/18 00:00**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-14**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	564222	10/30/18 09:52	AAT	TAL EDI

**Client Sample ID: Trip Blank**  
**Date Collected: 10/24/18 00:00**  
**Date Received: 10/25/18 20:00**

**Lab Sample ID: 460-167890-15**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	563951	10/29/18 06:42	AAT	TAL EDI

**Laboratory References:**

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900



# Accreditation/Certification Summary

Client: New York State D.E.C.  
Project/Site: DEC Gent Uniform Rental; Site: 130056

TestAmerica Job ID: 460-167890-1

## Laboratory: TestAmerica Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-19

# 8260C

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Volatile Organic Compounds by GC/MS

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water

Level: Low

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

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-8S	460-167890-1	119	108	110	118
MW-8I	460-167890-2	118	103	101	109
MW-8D	460-167890-3	118	106	111	113
MW-7	460-167890-4	120	105	104	106
MW-9	460-167890-5	118	107	107	112
MW-10	460-167890-6	119	105	106	117
MW-12	460-167890-7	116	100	114	123
MW-13	460-167890-8	119	103	108	119
MW-11	460-167890-9	117	104	105	118
MW-14	460-167890-10	119	108	102	114
MW-15S	460-167890-11	116	104	111	108
MW-15I	460-167890-12	118	103	102	110
MW-16	460-167890-13	123	105	106	114
DUP1	460-167890-14	114	100	110	116
Trip Blank	460-167890-15	117	103	103	109
	MB 460-563951/8	120	105	106	112
	MB 460-564124/8	113	101	107	115
	MB 460-564222/8	116	103	103	118
	LCS 460-563951/4	115	105	105	111
	LCS 460-564124/4	115	103	106	116
	LCS 460-564222/4	112	98	106	117
	LCSD 460-564124/5	113	103	107	114
	LCSD 460-564222/5	115	97	105	113
MW-10 MS	460-167890-6 MS	114	103	107	113
MW-10 MSD	460-167890-6 MSD	113	104	107	116

DBFM = Dibromofluoromethane (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
TOL = Toluene-d8 (Surr)  
BFB = 4-Bromofluorobenzene

QC LIMITS  
72-131  
74-132  
80-120  
77-124

# Column to be used to flag recovery values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72874.D

Lab ID: LCS 460-563951/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.6	98	75-125	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1	106	59-150	
1,1,2-Trichloroethane	20.0	19.9	100	78-120	
1,1-Dichloroethane	20.0	19.7	98	77-123	
1,1-Dichloroethene	20.0	18.6	93	74-123	
1,2,3-Trichlorobenzene	20.0	21.8	109	78-131	
1,2,4-Trichlorobenzene	20.0	21.8	109	80-124	
1,2-Dibromo-3-Chloropropane	20.0	16.0	80	55-134	
1,2-Dichlorobenzene	20.0	20.4	102	80-120	
1,2-Dichloroethane	20.0	21.1	105	76-121	
1,2-Dichloropropane	20.0	19.9	99	77-123	
1,3-Dichlorobenzene	20.0	20.3	101	80-120	
1,4-Dichlorobenzene	20.0	21.3	107	80-120	
2-Butanone (MEK)	100	106	106	64-120	
2-Hexanone	100	95.4	95	71-125	
4-Methyl-2-pentanone (MIBK)	100	107	107	78-124	
Acetone	100	80.0	80	39-150	
Benzene	20.0	20.7	104	77-121	
Bromoform	20.0	21.2	106	53-120	
Bromomethane	20.0	17.9	90	10-150	
Carbon disulfide	20.0	18.0	90	69-133	
Carbon tetrachloride	20.0	20.0	100	70-132	
Chlorobenzene	20.0	20.0	100	80-120	
Chlorobromomethane	20.0	22.4	112	77-127	
Chlorodibromomethane	20.0	21.4	107	73-120	
Chloroethane	20.0	17.5	87	52-150	
Chloroform	20.0	20.3	102	80-120	
Chloromethane	20.0	15.7	78	56-131	
cis-1,2-Dichloroethene	20.0	20.8	104	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	77-120	
Cyclohexane	20.0	18.5	92	56-150	
Dichlorobromomethane	20.0	20.2	101	76-120	
Dichlorodifluoromethane	20.0	18.5	93	50-131	
Ethylbenzene	20.0	20.0	100	80-120	
Ethylene Dibromide	20.0	22.2	111	80-120	
Isopropylbenzene	20.0	20.1	101	80-123	
Methyl acetate	40.0	35.4	88	66-144	
Methyl tert-butyl ether	20.0	19.6	98	79-122	
Methylcyclohexane	20.0	19.1	96	61-145	
Methylene Chloride	20.0	19.4	97	77-123	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: F72874.D  
 Lab ID: LCS 460-563951/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.7	99	80-120	
o-Xylene	20.0	20.0	100	80-120	
Styrene	20.0	19.5	97	80-120	
Tetrachloroethene	20.0	22.2	111	78-122	
Toluene	20.0	20.0	100	80-120	
trans-1,2-Dichloroethene	20.0	20.2	101	79-120	
trans-1,3-Dichloropropene	20.0	19.6	98	76-120	
Trichloroethene	20.0	21.0	105	77-120	
Trichlorofluoromethane	20.0	20.7	104	71-143	
Vinyl chloride	20.0	17.2	86	62-138	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72904.D

Lab ID: LCS 460-564124/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.6	93	75-125	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3	97	59-150	
1,1,2-Trichloroethane	20.0	18.7	93	78-120	
1,1-Dichloroethane	20.0	18.6	93	77-123	
1,1-Dichloroethene	20.0	18.3	91	74-123	
1,2,3-Trichlorobenzene	20.0	21.6	108	78-131	
1,2,4-Trichlorobenzene	20.0	21.8	109	80-124	
1,2-Dibromo-3-Chloropropane	20.0	14.6	73	55-134	
1,2-Dichlorobenzene	20.0	20.3	102	80-120	
1,2-Dichloroethane	20.0	19.5	97	76-121	
1,2-Dichloropropane	20.0	18.9	94	77-123	
1,3-Dichlorobenzene	20.0	19.9	100	80-120	
1,4-Dichlorobenzene	20.0	20.8	104	80-120	
2-Butanone (MEK)	100	106	106	64-120	
2-Hexanone	100	101	101	71-125	
4-Methyl-2-pentanone (MIBK)	100	110	110	78-124	
Acetone	100	76.1	76	39-150	
Benzene	20.0	18.7	94	77-121	
Bromoform	20.0	22.2	111	53-120	
Bromomethane	20.0	14.9	74	10-150	
Carbon disulfide	20.0	17.9	90	69-133	
Carbon tetrachloride	20.0	19.2	96	70-132	
Chlorobenzene	20.0	20.1	100	80-120	
Chlorobromomethane	20.0	21.8	109	77-127	
Chlorodibromomethane	20.0	21.1	106	73-120	
Chloroethane	20.0	14.5	72	52-150	
Chloroform	20.0	18.9	94	80-120	
Chloromethane	20.0	12.5	63	56-131	
cis-1,2-Dichloroethene	20.0	19.8	99	80-120	
cis-1,3-Dichloropropene	20.0	18.2	91	77-120	
Cyclohexane	20.0	17.2	86	56-150	
Dichlorobromomethane	20.0	18.6	93	76-120	
Dichlorodifluoromethane	20.0	15.2	76	50-131	
Ethylbenzene	20.0	19.6	98	80-120	
Ethylene Dibromide	20.0	20.4	102	80-120	
Isopropylbenzene	20.0	19.2	96	80-123	
Methyl acetate	40.0	32.7	82	66-144	
Methyl tert-butyl ether	20.0	19.1	96	79-122	
Methylcyclohexane	20.0	18.2	91	61-145	
Methylene Chloride	20.0	18.5	93	77-123	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72904.D

Lab ID: LCS 460-564124/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	19.3	96	80-120	
o-Xylene	20.0	19.1	95	80-120	
Styrene	20.0	19.3	96	80-120	
Tetrachloroethene	20.0	21.1	105	78-122	
Toluene	20.0	18.4	92	80-120	
trans-1,2-Dichloroethene	20.0	19.7	98	79-120	
trans-1,3-Dichloropropene	20.0	18.6	93	76-120	
Trichloroethene	20.0	19.9	100	77-120	
Trichlorofluoromethane	20.0	17.4	87	71-143	
Vinyl chloride	20.0	13.5	68	62-138	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72933.D

Lab ID: LCS 460-564222/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.6	98	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.9	100	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.1	110	59-150	
1,1,2-Trichloroethane	20.0	19.8	99	78-120	
1,1-Dichloroethane	20.0	20.1	101	77-123	
1,1-Dichloroethene	20.0	19.8	99	74-123	
1,2,3-Trichlorobenzene	20.0	23.9	120	78-131	
1,2,4-Trichlorobenzene	20.0	23.5	118	80-124	
1,2-Dibromo-3-Chloropropane	20.0	15.8	79	55-134	
1,2-Dichlorobenzene	20.0	22.6	113	80-120	
1,2-Dichloroethane	20.0	21.1	105	76-121	
1,2-Dichloropropane	20.0	20.0	100	77-123	
1,3-Dichlorobenzene	20.0	21.4	107	80-120	
1,4-Dichlorobenzene	20.0	22.2	111	80-120	
2-Butanone (MEK)	100	117	117	64-120	
2-Hexanone	100	103	103	71-125	
4-Methyl-2-pentanone (MIBK)	100	110	110	78-124	
Acetone	100	84.6	85	39-150	
Benzene	20.0	20.4	102	77-121	
Bromoform	20.0	23.4	117	53-120	
Bromomethane	20.0	18.8	94	10-150	
Carbon disulfide	20.0	19.3	97	69-133	
Carbon tetrachloride	20.0	21.2	106	70-132	
Chlorobenzene	20.0	20.8	104	80-120	
Chlorobromomethane	20.0	23.2	116	77-127	
Chlorodibromomethane	20.0	22.8	114	73-120	
Chloroethane	20.0	18.0	90	52-150	
Chloroform	20.0	20.4	102	80-120	
Chloromethane	20.0	15.7	79	56-131	
cis-1,2-Dichloroethene	20.0	21.6	108	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	77-120	
Cyclohexane	20.0	19.5	98	56-150	
Dichlorobromomethane	20.0	20.1	101	76-120	
Dichlorodifluoromethane	20.0	21.1	105	50-131	
Ethylbenzene	20.0	22.0	110	80-120	
Ethylene Dibromide	20.0	22.3	111	80-120	
Isopropylbenzene	20.0	20.9	104	80-123	
Methyl acetate	40.0	34.3	86	66-144	
Methyl tert-butyl ether	20.0	19.9	100	79-122	
Methylcyclohexane	20.0	20.0	100	61-145	
Methylene Chloride	20.0	20.9	104	77-123	

# Column to be used to flag recovery and RPD values



FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: F72933.D  
 Lab ID: LCS 460-564222/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	21.0	105	80-120	
o-Xylene	20.0	21.4	107	80-120	
Styrene	20.0	20.9	105	80-120	
Tetrachloroethene	20.0	23.8	119	78-122	
Toluene	20.0	20.3	102	80-120	
trans-1,2-Dichloroethene	20.0	21.3	107	79-120	
trans-1,3-Dichloropropene	20.0	19.8	99	76-120	
Trichloroethene	20.0	21.3	106	77-120	
Trichlorofluoromethane	20.0	21.9	109	71-143	
Vinyl chloride	20.0	17.2	86	62-138	

# Column to be used to flag recovery and RPD values  
 FORM III 8260C

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: F72905.D

Lab ID: LCSD 460-564124/5

Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.3	101	9	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	11	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4	107	10	30	59-150	
1,1,2-Trichloroethane	20.0	19.2	96	3	30	78-120	
1,1-Dichloroethane	20.0	19.4	97	4	30	77-123	
1,1-Dichloroethene	20.0	19.9	100	9	30	74-123	
1,2,3-Trichlorobenzene	20.0	23.2	116	7	30	78-131	
1,2,4-Trichlorobenzene	20.0	22.8	114	5	30	80-124	
1,2-Dibromo-3-Chloropropane	20.0	16.3	81	11	30	55-134	
1,2-Dichlorobenzene	20.0	22.3	112	9	30	80-120	
1,2-Dichloroethane	20.0	20.5	103	5	30	76-121	
1,2-Dichloropropane	20.0	19.5	97	3	30	77-123	
1,3-Dichlorobenzene	20.0	21.4	107	7	30	80-120	
1,4-Dichlorobenzene	20.0	21.7	109	5	30	80-120	
2-Butanone (MEK)	100	111	111	4	30	64-120	
2-Hexanone	100	97.6	98	4	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	110	110	0	30	78-124	
Acetone	100	74.3	74	2	30	39-150	
Benzene	20.0	20.5	103	9	30	77-121	
Bromoform	20.0	22.2	111	0	30	53-120	
Bromomethane	20.0	16.3	81	9	30	10-150	
Carbon disulfide	20.0	19.5	98	8	30	69-133	
Carbon tetrachloride	20.0	20.9	105	8	30	70-132	
Chlorobenzene	20.0	21.0	105	4	30	80-120	
Chlorobromomethane	20.0	22.1	110	1	30	77-127	
Chlorodibromomethane	20.0	21.7	108	3	30	73-120	
Chloroethane	20.0	15.2	76	5	30	52-150	
Chloroform	20.0	19.7	98	4	30	80-120	
Chloromethane	20.0	13.5	67	7	30	56-131	
cis-1,2-Dichloroethene	20.0	21.4	107	7	30	80-120	
cis-1,3-Dichloropropene	20.0	20.4	102	11	30	77-120	
Cyclohexane	20.0	19.3	96	11	30	56-150	
Dichlorobromomethane	20.0	20.0	100	7	30	76-120	
Dichlorodifluoromethane	20.0	16.5	82	8	30	50-131	
Ethylbenzene	20.0	21.4	107	9	30	80-120	
Ethylene Dibromide	20.0	21.0	105	3	30	80-120	
Isopropylbenzene	20.0	20.6	103	7	30	80-123	
Methyl acetate	40.0	29.8	75	9	30	66-144	
Methyl tert-butyl ether	20.0	18.3	91	4	30	79-122	
Methylcyclohexane	20.0	19.7	98	8	30	61-145	
Methylene Chloride	20.0	19.4	97	4	30	77-123	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: F72905.D  
 Lab ID: LCS D 460-564124/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS D CONCENTRATION (ug/L)	LCS D % REC	% RPD	QC LIMITS		#
					RPD	REC	
m-Xylene & p-Xylene	20.0	20.7	103	7	30	80-120	
o-Xylene	20.0	20.5	103	7	30	80-120	
Styrene	20.0	20.4	102	6	30	80-120	
Tetrachloroethene	20.0	23.4	117	11	30	78-122	
Toluene	20.0	20.4	102	10	30	80-120	
trans-1,2-Dichloroethene	20.0	21.4	107	8	30	79-120	
trans-1,3-Dichloropropene	20.0	19.1	96	3	30	76-120	
Trichloroethene	20.0	21.5	107	8	30	77-120	
Trichlorofluoromethane	20.0	19.1	96	9	30	71-143	
Vinyl chloride	20.0	14.5	73	7	30	62-138	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72934.D

Lab ID: LCSD 460-564222/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	19.4	97	1	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	18.5	93	7	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.5	107	3	30	59-150	
1,1,2-Trichloroethane	20.0	18.3	91	8	30	78-120	
1,1-Dichloroethane	20.0	19.5	97	3	30	77-123	
1,1-Dichloroethene	20.0	19.7	98	1	30	74-123	
1,2,3-Trichlorobenzene	20.0	23.2	116	3	30	78-131	
1,2,4-Trichlorobenzene	20.0	23.1	115	2	30	80-124	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	3	30	55-134	
1,2-Dichlorobenzene	20.0	21.6	108	5	30	80-120	
1,2-Dichloroethane	20.0	19.6	98	7	30	76-121	
1,2-Dichloropropane	20.0	19.7	98	2	30	77-123	
1,3-Dichlorobenzene	20.0	21.0	105	2	30	80-120	
1,4-Dichlorobenzene	20.0	21.1	106	5	30	80-120	
2-Butanone (MEK)	100	119	119	1	30	64-120	
2-Hexanone	100	100	100	3	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	107	107	2	30	78-124	
Acetone	100	79.6	80	6	30	39-150	
Benzene	20.0	19.7	99	3	30	77-121	
Bromoform	20.0	23.2	116	1	30	53-120	
Bromomethane	20.0	19.4	97	3	30	10-150	
Carbon disulfide	20.0	19.4	97	0	30	69-133	
Carbon tetrachloride	20.0	21.3	106	0	30	70-132	
Chlorobenzene	20.0	20.8	104	0	30	80-120	
Chlorobromomethane	20.0	22.9	114	2	30	77-127	
Chlorodibromomethane	20.0	21.9	109	4	30	73-120	
Chloroethane	20.0	17.9	89	1	30	52-150	
Chloroform	20.0	20.0	100	2	30	80-120	
Chloromethane	20.0	16.1	81	3	30	56-131	
cis-1,2-Dichloroethene	20.0	21.2	106	2	30	80-120	
cis-1,3-Dichloropropene	20.0	20.1	101	0	30	77-120	
Cyclohexane	20.0	19.4	97	1	30	56-150	
Dichlorobromomethane	20.0	20.2	101	0	30	76-120	
Dichlorodifluoromethane	20.0	21.1	105	0	30	50-131	
Ethylbenzene	20.0	21.0	105	4	30	80-120	
Ethylene Dibromide	20.0	22.1	111	1	30	80-120	
Isopropylbenzene	20.0	20.2	101	3	30	80-123	
Methyl acetate	40.0	32.9	82	4	30	66-144	
Methyl tert-butyl ether	20.0	19.8	99	0	30	79-122	
Methylcyclohexane	20.0	19.2	96	4	30	61-145	
Methylene Chloride	20.0	20.2	101	3	30	77-123	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: F72934.D  
 Lab ID: LCS D 460-564222/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS D CONCENTRATION (ug/L)	LCS D % REC	% RPD	QC LIMITS		#
					RPD	REC	
m-Xylene & p-Xylene	20.0	20.6	103	2	30	80-120	
o-Xylene	20.0	20.5	102	4	30	80-120	
Styrene	20.0	20.3	102	3	30	80-120	
Tetrachloroethene	20.0	23.0	115	3	30	78-122	
Toluene	20.0	20.1	101	1	30	80-120	
trans-1,2-Dichloroethene	20.0	21.1	106	1	30	79-120	
trans-1,3-Dichloropropene	20.0	19.1	96	3	30	76-120	
Trichloroethene	20.0	21.7	108	2	30	77-120	
Trichlorofluoromethane	20.0	21.8	109	0	30	71-143	
Vinyl chloride	20.0	17.2	86	0	30	62-138	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: F72885.D

Lab ID: 460-167890-6 MS

Client ID: MW-10 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.6	103	75-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	21.6	108	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	22.4	112	59-150	
1,1,2-Trichloroethane	20.0	1.0 U	20.0	100	78-120	
1,1-Dichloroethane	20.0	1.0 U	21.0	105	77-123	
1,1-Dichloroethene	20.0	1.0 U	20.3	101	74-123	
1,2,3-Trichlorobenzene	20.0	1.0 U	22.2	111	78-131	
1,2,4-Trichlorobenzene	20.0	1.0 U	22.2	111	80-124	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	15.8	79	55-134	
1,2-Dichlorobenzene	20.0	1.0 U	22.1	111	80-120	
1,2-Dichloroethane	20.0	1.0 U	21.0	105	76-121	
1,2-Dichloropropane	20.0	1.0 U	21.4	107	77-123	
1,3-Dichlorobenzene	20.0	1.0 U	21.9	109	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	21.7	109	80-120	
2-Butanone (MEK)	100	5.0 U	116	116	64-120	
2-Hexanone	100	5.0 U	102	102	71-125	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	118	118	78-124	
Acetone	100	34	98.5	65	39-150	
Benzene	20.0	1.0 U	21.2	106	77-121	
Bromoform	20.0	1.0 U	21.9	110	53-120	
Bromomethane	20.0	1.0 U	19.0	95	10-150	
Carbon disulfide	20.0	1.0 U	18.8	94	69-133	
Carbon tetrachloride	20.0	1.0 U	22.3	111	70-132	
Chlorobenzene	20.0	1.0 U	21.1	105	80-120	
Chlorobromomethane	20.0	1.0 U	22.4	112	77-127	
Chlorodibromomethane	20.0	1.0 U	21.7	109	73-120	
Chloroethane	20.0	1.0 U	18.8	94	52-150	
Chloroform	20.0	1.0 U	21.3	106	80-120	
Chloromethane	20.0	1.0 U	16.7	83	56-131	
cis-1,2-Dichloroethene	20.0	1.0 U	21.8	109	80-120	
cis-1,3-Dichloropropene	20.0	1.0 U	19.9	100	77-120	
Cyclohexane	20.0	1.0 U	20.2	101	56-150	
Dichlorobromomethane	20.0	1.0 U	21.1	106	76-120	
Dichlorodifluoromethane	20.0	1.0 U	18.4	92	50-131	
Ethylbenzene	20.0	1.0 U	21.6	108	80-120	
Ethylene Dibromide	20.0	1.0 U	21.7	108	80-120	
Isopropylbenzene	20.0	1.0 U	21.6	108	80-123	
Methyl acetate	40.0	5.0 U	44.4	111	66-144	
Methyl tert-butyl ether	20.0	1.0 U	20.0	100	79-122	
Methylcyclohexane	20.0	1.0 U	20.5	103	61-145	
Methylene Chloride	20.0	1.0 U	20.7	103	77-123	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: F72885.D  
 Lab ID: 460-167890-6 MS Client ID: MW-10 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	1.0 U	21.8	109	80-120	
o-Xylene	20.0	1.0 U	20.8	104	80-120	
Styrene	20.0	1.0 U	20.5	103	80-120	
Tetrachloroethene	20.0	11	31.6	102	78-122	
Toluene	20.0	1.0 U	20.8	104	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.1	106	79-120	
trans-1,3-Dichloropropene	20.0	1.0 U	20.1	101	76-120	
Trichloroethene	20.0	1.4	23.6	111	77-120	
Trichlorofluoromethane	20.0	1.0 U	22.6	113	71-143	
Vinyl chloride	20.0	1.0 U	17.4	87	62-138	

# Column to be used to flag recovery and RPD values  
 FORM III 8260C

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: F72886.D

Lab ID: 460-167890-6 MSD

Client ID: MW-10 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	18.6	93	10	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	17.5	87	21	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.8	99	12	30	59-150	
1,1,2-Trichloroethane	20.0	17.8	89	12	30	78-120	
1,1-Dichloroethane	20.0	18.2	91	14	30	77-123	
1,1-Dichloroethene	20.0	18.7	94	8	30	74-123	
1,2,3-Trichlorobenzene	20.0	19.6	98	13	30	78-131	
1,2,4-Trichlorobenzene	20.0	19.8	99	11	30	80-124	
1,2-Dibromo-3-Chloropropane	20.0	13.9	70	13	30	55-134	
1,2-Dichlorobenzene	20.0	19.0	95	15	30	80-120	
1,2-Dichloroethane	20.0	18.2	91	14	30	76-121	
1,2-Dichloropropane	20.0	17.4	87	20	30	77-123	
1,3-Dichlorobenzene	20.0	18.9	95	15	30	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	14	30	80-120	
2-Butanone (MEK)	100	95.3	95	20	30	64-120	
2-Hexanone	100	94.6	95	8	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	102	102	15	30	78-124	
Acetone	100	98.8	65	0	30	39-150	
Benzene	20.0	18.2	91	15	30	77-121	
Bromoform	20.0	20.1	101	9	30	53-120	
Bromomethane	20.0	18.7	93	2	30	10-150	
Carbon disulfide	20.0	16.7	84	12	30	69-133	
Carbon tetrachloride	20.0	19.5	98	13	30	70-132	
Chlorobenzene	20.0	18.9	95	11	30	80-120	
Chlorobromomethane	20.0	20.4	102	9	30	77-127	
Chlorodibromomethane	20.0	19.1	96	13	30	73-120	
Chloroethane	20.0	18.5	92	2	30	52-150	
Chloroform	20.0	18.1	90	16	30	80-120	
Chloromethane	20.0	16.2	81	3	30	56-131	
cis-1,2-Dichloroethene	20.0	19.3	97	12	30	80-120	
cis-1,3-Dichloropropene	20.0	17.3	87	14	30	77-120	
Cyclohexane	20.0	17.9	89	12	30	56-150	
Dichlorobromomethane	20.0	17.8	89	17	30	76-120	
Dichlorodifluoromethane	20.0	18.7	93	2	30	50-131	
Ethylbenzene	20.0	18.7	93	15	30	80-120	
Ethylene Dibromide	20.0	19.7	98	10	30	80-120	
Isopropylbenzene	20.0	18.9	94	13	30	80-123	
Methyl acetate	40.0	42.1	105	5	30	66-144	
Methyl tert-butyl ether	20.0	18.1	91	10	30	79-122	
Methylcyclohexane	20.0	18.3	92	11	30	61-145	
Methylene Chloride	20.0	18.5	92	11	30	77-123	

# Column to be used to flag recovery and RPD values



FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low Lab File ID: F72886.D

Lab ID: 460-167890-6 MSD Client ID: MW-10 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
m-Xylene & p-Xylene	20.0	19.0	95	13	30	80-120	
o-Xylene	20.0	18.2	91	14	30	80-120	
Styrene	20.0	18.3	91	12	30	80-120	
Tetrachloroethene	20.0	29.6	91	7	30	78-122	
Toluene	20.0	18.2	91	13	30	80-120	
trans-1,2-Dichloroethene	20.0	19.9	99	6	30	79-120	
trans-1,3-Dichloropropene	20.0	17.3	87	15	30	76-120	
Trichloroethene	20.0	19.1	89	21	30	77-120	
Trichlorofluoromethane	20.0	21.8	109	4	30	71-143	
Vinyl chloride	20.0	17.5	87	0	30	62-138	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72878.D Lab Sample ID: MB 460-563951/8  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: CVOAMS6 Date Analyzed: 10/29/2018 06:18  
 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 460-563951/4	F72874.D	10/29/2018 04:43
Trip Blank	460-167890-15	F72879.D	10/29/2018 06:42
MW-10	460-167890-6	F72882.D	10/29/2018 07:53
MW-10 MS	460-167890-6 MS	F72885.D	10/29/2018 09:04
MW-10 MSD	460-167890-6 MSD	F72886.D	10/29/2018 09:28
MW-8S	460-167890-1	F72888.D	10/29/2018 10:16
MW-8I	460-167890-2	F72889.D	10/29/2018 10:40
MW-8D	460-167890-3	F72890.D	10/29/2018 11:03
MW-7	460-167890-4	F72891.D	10/29/2018 11:26
MW-11	460-167890-9	F72895.D	10/29/2018 13:02
MW-14	460-167890-10	F72896.D	10/29/2018 13:25
MW-15I	460-167890-12	F72898.D	10/29/2018 14:12
MW-16	460-167890-13	F72899.D	10/29/2018 14:36

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72908.D Lab Sample ID: MB 460-564124/8  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: CVOAMS6 Date Analyzed: 10/29/2018 19:24  
 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 460-564124/4	F72904.D	10/29/2018 17:42
	LCSD 460-564124/5	F72905.D	10/29/2018 18:06
MW-12	460-167890-7	F72909.D	10/29/2018 19:48
MW-13	460-167890-8	F72910.D	10/29/2018 20:11
MW-15S	460-167890-11	F72911.D	10/29/2018 20:35
MW-9	460-167890-5	F72917.D	10/29/2018 22:57

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72937.D Lab Sample ID: MB 460-564222/8  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: CVOAMS6 Date Analyzed: 10/30/2018 07:06  
 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 460-564222/4	F72933.D	10/30/2018 05:31
	LCSD 460-564222/5	F72934.D	10/30/2018 05:55
DUP1	460-167890-14	F72944.D	10/30/2018 09:52

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F71254.D BFB Injection Date: 09/30/2018  
 Instrument ID: CVOAMS6 BFB Injection Time: 22:06  
 Analysis Batch No.: 556327

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.1
75	30.0 - 60.0 % of mass 95	45.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.4 (0.5) 1
174	50.0 - 120.00 % of mass 95	80.1
175	5.0 - 9.0 % of mass 174	5.8 (7.2) 1
176	95.0 - 101.0 % of mass 174	76.4 (95.4) 1
177	5.0 - 9.0 % of mass 176	4.7 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-556327/3	F71256.D	09/30/2018	22:53
	STD1 460-556327/4	F71257.D	09/30/2018	23:17
	STD5 460-556327/5	F71258.D	09/30/2018	23:40
	STD20 460-556327/6	F71259.D	10/01/2018	00:04
	STD50 460-556327/7	F71260.D	10/01/2018	00:28
	STD200 460-556327/8	F71261.D	10/01/2018	00:51
	STD500 460-556327/9	F71262.D	10/01/2018	01:15

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72871.D BFB Injection Date: 10/29/2018  
 Instrument ID: CVOAMS6 BFB Injection Time: 03:33  
 Analysis Batch No.: 563951

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.8	
75	30.0 - 60.0 % of mass 95	45.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	50.0 - 120.00 % of mass 95	84.5	
175	5.0 - 9.0 % of mass 174	7.1	(8.4) 1
176	95.0 - 101.0 % of mass 174	83.4	(98.7) 1
177	5.0 - 9.0 % of mass 176	5.8	(7.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-563951/3	F72873.D	10/29/2018	04:19
	LCS 460-563951/4	F72874.D	10/29/2018	04:43
	MB 460-563951/8	F72878.D	10/29/2018	06:18
Trip Blank	460-167890-15	F72879.D	10/29/2018	06:42
MW-10	460-167890-6	F72882.D	10/29/2018	07:53
MW-10 MS	460-167890-6 MS	F72885.D	10/29/2018	09:04
MW-10 MSD	460-167890-6 MSD	F72886.D	10/29/2018	09:28
MW-8S	460-167890-1	F72888.D	10/29/2018	10:16
MW-8I	460-167890-2	F72889.D	10/29/2018	10:40
MW-8D	460-167890-3	F72890.D	10/29/2018	11:03
MW-7	460-167890-4	F72891.D	10/29/2018	11:26
MW-11	460-167890-9	F72895.D	10/29/2018	13:02
MW-14	460-167890-10	F72896.D	10/29/2018	13:25
MW-15I	460-167890-12	F72898.D	10/29/2018	14:12
MW-16	460-167890-13	F72899.D	10/29/2018	14:36

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72901.D BFB Injection Date: 10/29/2018  
 Instrument ID: CVOAMS6 BFB Injection Time: 16:31  
 Analysis Batch No.: 564124

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.3
75	30.0 - 60.0 % of mass 95	43.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.4 (0.5) 1
174	50.0 - 120.00 % of mass 95	88.2
175	5.0 - 9.0 % of mass 174	6.3 (7.2) 1
176	95.0 - 101.0 % of mass 174	86.6 (98.3) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-564124/3	F72903.D	10/29/2018	17:18
	LCS 460-564124/4	F72904.D	10/29/2018	17:42
	LCSD 460-564124/5	F72905.D	10/29/2018	18:06
	MB 460-564124/8	F72908.D	10/29/2018	19:24
MW-12	460-167890-7	F72909.D	10/29/2018	19:48
MW-13	460-167890-8	F72910.D	10/29/2018	20:11
MW-15S	460-167890-11	F72911.D	10/29/2018	20:35
MW-9	460-167890-5	F72917.D	10/29/2018	22:57

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: F72930.D BFB Injection Date: 10/30/2018  
 Instrument ID: CVOAMS6 BFB Injection Time: 04:22  
 Analysis Batch No.: 564222

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.3
75	30.0 - 60.0 % of mass 95	44.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.7 (0.8) 1
174	50.0 - 120.00 % of mass 95	86.8
175	5.0 - 9.0 % of mass 174	7.5 (8.6) 1
176	95.0 - 101.0 % of mass 174	85.1 (98.0) 1
177	5.0 - 9.0 % of mass 176	6.0 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-564222/3	F72932.D	10/30/2018	05:08
	LCS 460-564222/4	F72933.D	10/30/2018	05:31
	LCSD 460-564222/5	F72934.D	10/30/2018	05:55
	MB 460-564222/8	F72937.D	10/30/2018	07:06
DUP1	460-167890-14	F72944.D	10/30/2018	09:52



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

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-563951/3 Date Analyzed: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72873.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	TBA <sub>d</sub> 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	127856	3.20	126026	4.24	330304	5.31	
UPPER LIMIT	255712	3.70	252052	4.74	660608	5.81	
LOWER LIMIT	63928	2.70	63013	3.74	165152	4.81	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-563951/4	139285	3.19	136492	4.24	359566	5.31	
MB 460-563951/8	123078	3.19	112712	4.24	329982	5.31	
460-167890-15	Trip Blank	114278	3.20	111075	4.24	334877	5.32
460-167890-6	MW-10	134243	3.21	114890	4.23	300093	5.31
460-167890-6 MS	MW-10 MS	139484	3.19	138615	4.24	360057	5.31
460-167890-6 MSD	MW-10 MSD	130516	3.19	127493	4.23	350403	5.31
460-167890-1	MW-8S	123732	3.20	117356	4.24	314384	5.31
460-167890-2	MW-8I	121879	3.19	103855	4.23	312173	5.31
460-167890-3	MW-8D	122179	3.19	113913	4.24	327436	5.31
460-167890-4	MW-7	133803	3.21	111316	4.23	313583	5.31
460-167890-9	MW-11	132975	3.20	111094	4.23	317430	5.31
460-167890-10	MW-14	114390	3.19	114248	4.23	311972	5.31
460-167890-12	MW-15I	136563	3.23	108917	4.23	290928	5.31
460-167890-13	MW-16	102448	3.18	115114	4.23	323309	5.31

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

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  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-563951/3 Date Analyzed: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72873.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	12520	6.03	225662	8.76	137012	10.90	
UPPER LIMIT	25040	6.53	451324	9.26	274024	11.40	
LOWER LIMIT	6260	5.53	112831	8.26	68506	10.40	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-563951/4		12262	6.02	235927	8.76	138762	10.90
MB 460-563951/8		11784	6.02	208452	8.76	128304	10.90
460-167890-15	Trip Blank	9752	6.05	212268	8.76	120037	10.90
460-167890-6	MW-10	12136	6.02	196204	8.76	116863	10.90
460-167890-6 MS	MW-10 MS	13378	6.01	238547	8.76	138698	10.90
460-167890-6 MSD	MW-10 MSD	13083	6.02	230960	8.76	140959	10.90
460-167890-1	MW-8S	9715	6.03	197582	8.76	121970	10.90
460-167890-2	MW-8I	9973	6.04	212346	8.76	118356	10.90
460-167890-3	MW-8D	10706	6.03	197053	8.76	117164	10.90
460-167890-4	MW-7	12503	6.02	204701	8.76	122053	10.90
460-167890-9	MW-11	9873	6.04	207133	8.76	120725	10.90
460-167890-10	MW-14	11704	6.04	200182	8.76	118366	10.90
460-167890-12	MW-15I	11252	6.04	196436	8.76	115544	10.90
460-167890-13	MW-16	8436	6.03	203741	8.76	121334	10.90

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-564124/3 Date Analyzed: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72903.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	TBA <sub>d</sub> 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	127711	3.20	125874	4.23	364832	5.31	
UPPER LIMIT	255422	3.70	251748	4.73	729664	5.81	
LOWER LIMIT	63856	2.70	62937	3.73	182416	4.81	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-564124/4	109000	3.19	132900	4.24	366167	5.31	
LCSD 460-564124/5	132642	3.19	137657	4.24	383601	5.31	
MB 460-564124/8	131019	3.20	125149	4.23	372827	5.32	
460-167890-7	MW-12	120952	3.18	114312	4.22	341193	5.31
460-167890-8	MW-13	97929	3.19	115043	4.24	351683	5.31
460-167890-11	MW-15S	124094	3.18	112326	4.23	334851	5.31
460-167890-5	MW-9	124441	3.19	107296	4.24	324179	5.31

TBA<sub>d</sub>9 = TBA-d9 (IS)  
 BUT = 2-Butanone-d5  
 FB = Fluorobenzene

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  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-564124/3 Date Analyzed: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72903.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	12252	6.01	241946	8.76	143641	10.90	
UPPER LIMIT	24504	6.51	483892	9.26	287282	11.40	
LOWER LIMIT	6126	5.51	120973	8.26	71821	10.40	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-564124/4	12227	6.02	245335	8.76	147889	10.90	
LCSD 460-564124/5	14464	6.02	250230	8.76	142049	10.90	
MB 460-564124/8	7947	6.04	232694	8.76	137714	10.90	
460-167890-7	MW-12	10016	6.04	199571	8.76	128177	10.90
460-167890-8	MW-13	10051	6.05	215645	8.76	125102	10.90
460-167890-11	MW-15S	12183	6.04	200394	8.76	114707	10.90
460-167890-5	MW-9	7358	6.02	209978	8.76	129213	10.90

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-564222/3 Date Analyzed: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72932.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	TBA <sub>d</sub> 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	137526	3.20	139240	4.24	386554	5.31	
UPPER LIMIT	275052	3.70	278480	4.74	773108	5.81	
LOWER LIMIT	68763	2.70	69620	3.74	193277	4.81	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-564222/4	134790	3.20	131577	4.23	355351	5.31	
LCSD 460-564222/5	149367	3.21	139509	4.23	374865	5.31	
MB 460-564222/8	132253	3.21	117458	4.24	331688	5.31	
460-167890-14	DUP1	133815	3.20	122687	4.24	361458	5.32

TBA<sub>d</sub>9 = TBA-d9 (IS)  
 BUT = 2-Butanone-d5  
 FB = Fluorobenzene

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  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-564222/3 Date Analyzed: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): F72932.D Heated Purge: (Y/N) N  
 Calibration ID: 71414

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	16624	6.01	247446	8.76	147595	10.90	
UPPER LIMIT	33248	6.51	494892	9.26	295190	11.40	
LOWER LIMIT	8312	5.51	123723	8.26	73798	10.40	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-564222/4	14099	6.02	233554	8.76	139584	10.90	
LCSD 460-564222/5	16953	6.01	253556	8.76	151525	10.90	
MB 460-564222/8	12476	6.03	214763	8.76	126298	10.90	
460-167890-14	DUP1	12629	6.04	220942	8.76	133054	10.90

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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 I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8S Lab Sample ID: 460-167890-1  
 Matrix: Water Lab File ID: F72888.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 10:16  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	46		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8S Lab Sample ID: 460-167890-1  
 Matrix: Water Lab File ID: F72888.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 10:16  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.73	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	118		77-124
1868-53-7	Dibromofluoromethane (Surr)	119		72-131
2037-26-5	Toluene-d8 (Surr)	110		80-120



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72888.D  
 Lims ID: 460-167890-B-1  
 Client ID: MW-8S  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 10:16:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-1  
 Misc. Info.: 460-0081059-018  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:48:01 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: xuyvo

Date: 30-Oct-2018 11:48:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.848	2.848	0.000	90	54633	46.0	M
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	123732	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	117356	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	92916	59.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	83348	54.2	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	314384	50.0	
* 67 1,4-Dioxane-d8	96	6.028	6.028	0.000	0	9715	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	99	286455	54.8	
83 Tetrachloroethene	166	7.663	7.663	0.000	63	2544	0.7340	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	197582	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	96	89806	59.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	121970	50.0	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72888.D

Injection Date: 29-Oct-2018 10:16:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-1

Lab Sample ID: 460-167890-1

Worklist Smp#: 18

Client ID: MW-8S

Purge Vol: 5.000 mL

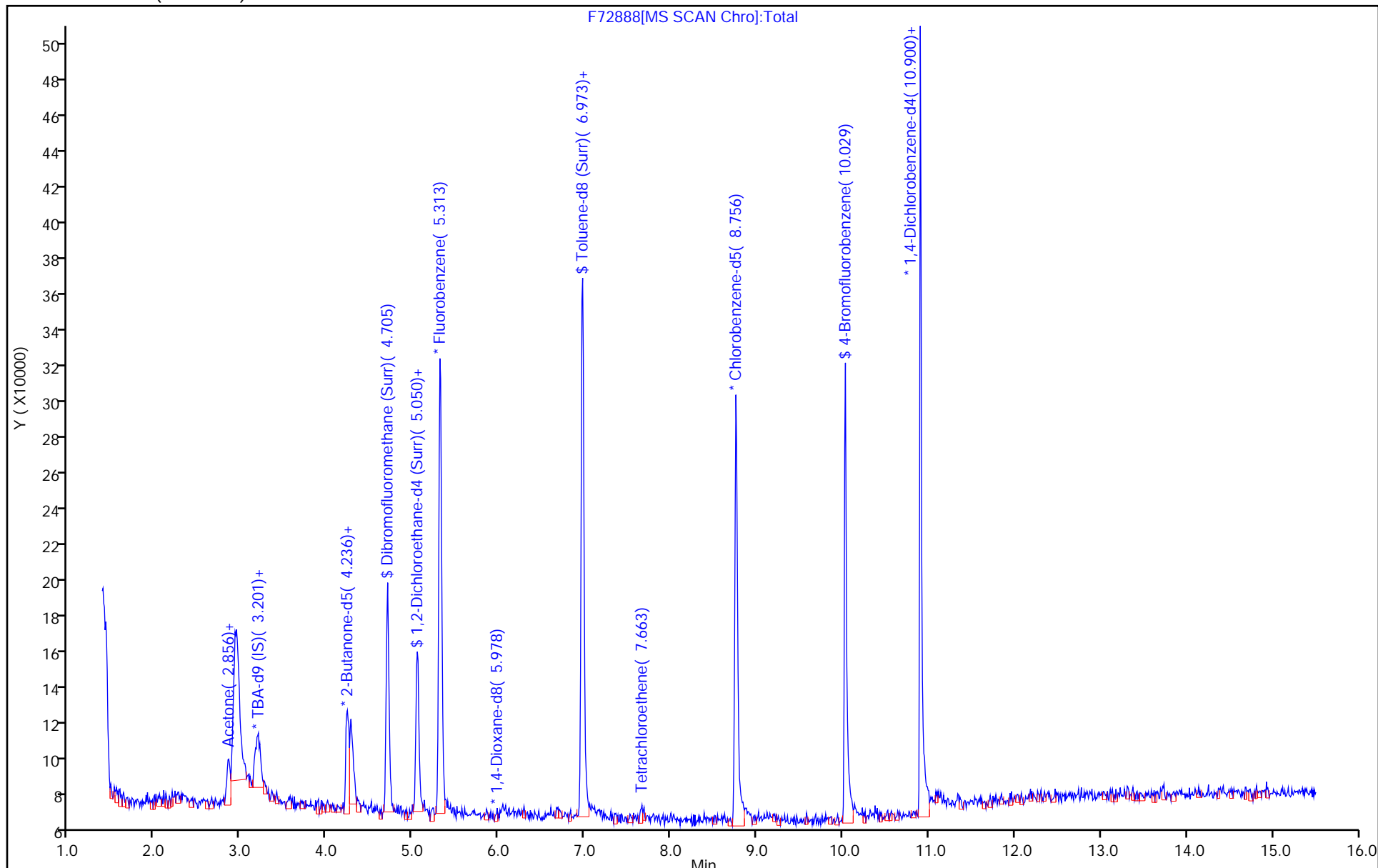
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72888.D

Injection Date: 29-Oct-2018 10:16:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-1

Lab Sample ID: 460-167890-1

Client ID: MW-8S

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

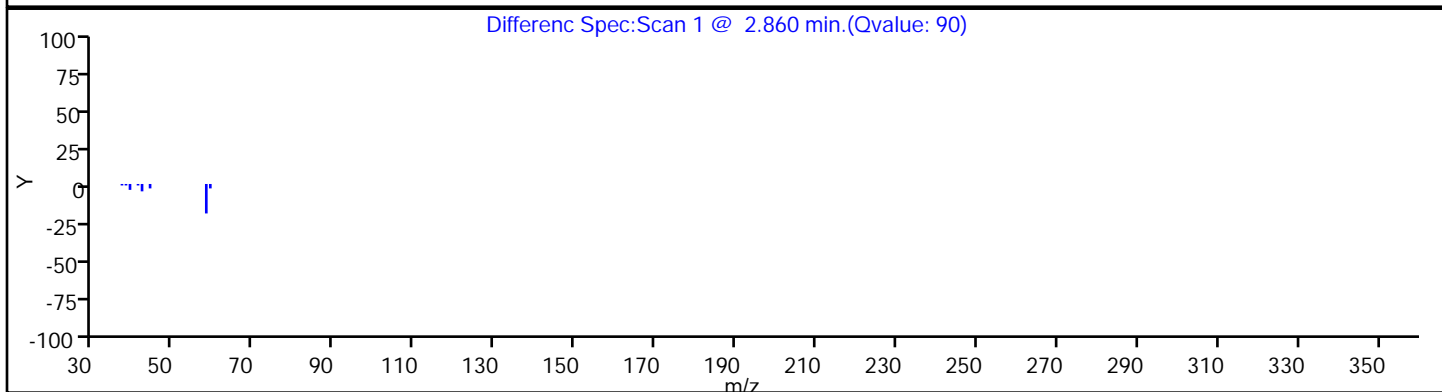
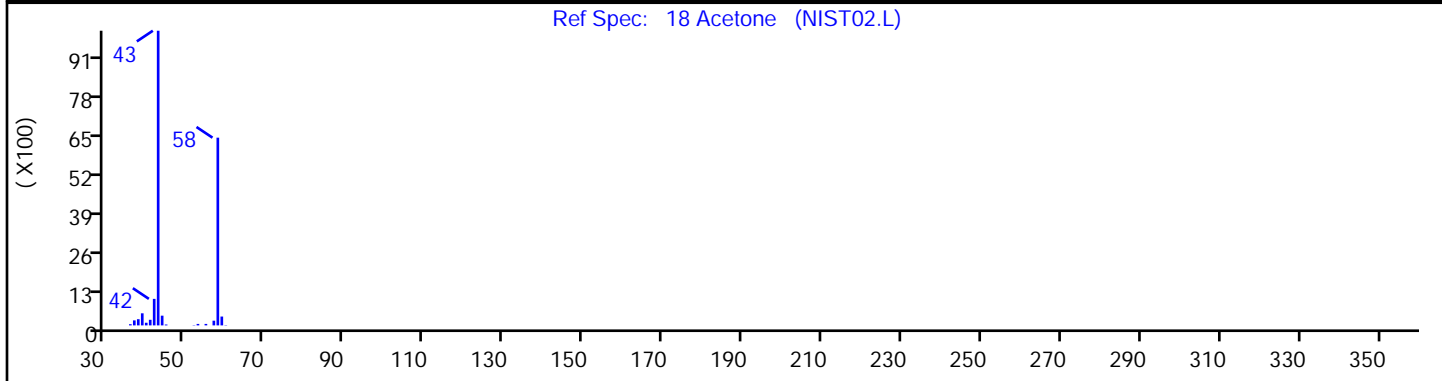
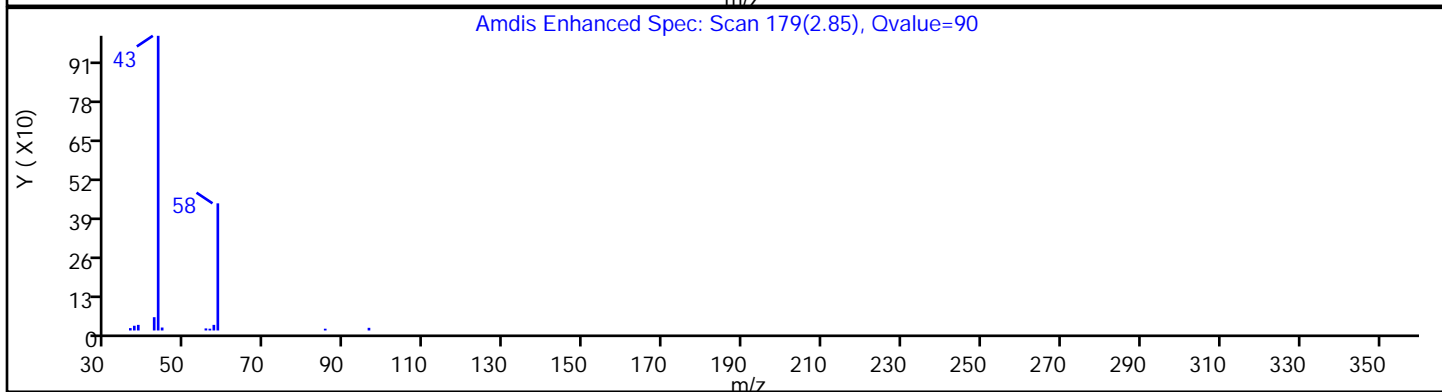
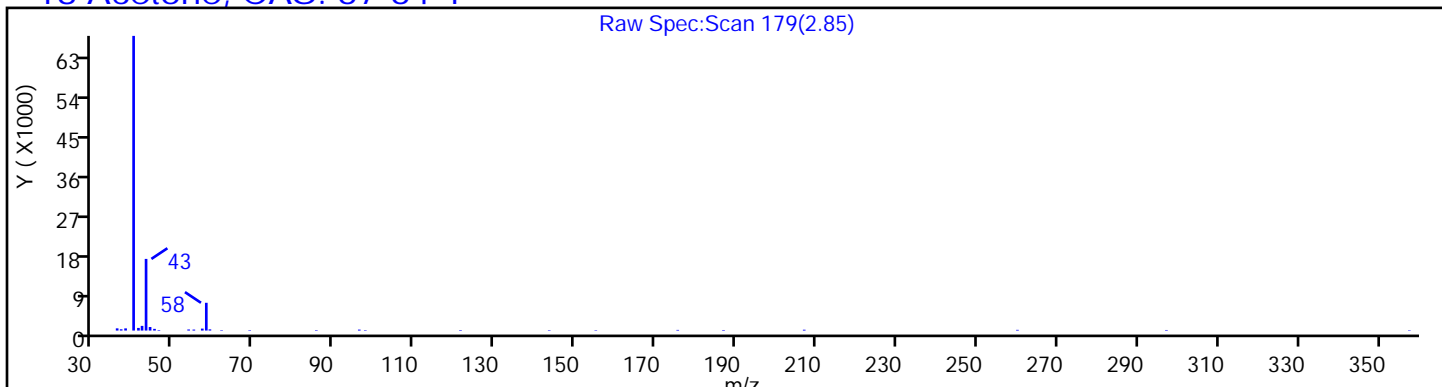
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72888.D

Injection Date: 29-Oct-2018 10:16:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-1

Lab Sample ID: 460-167890-1

Client ID: MW-8S

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

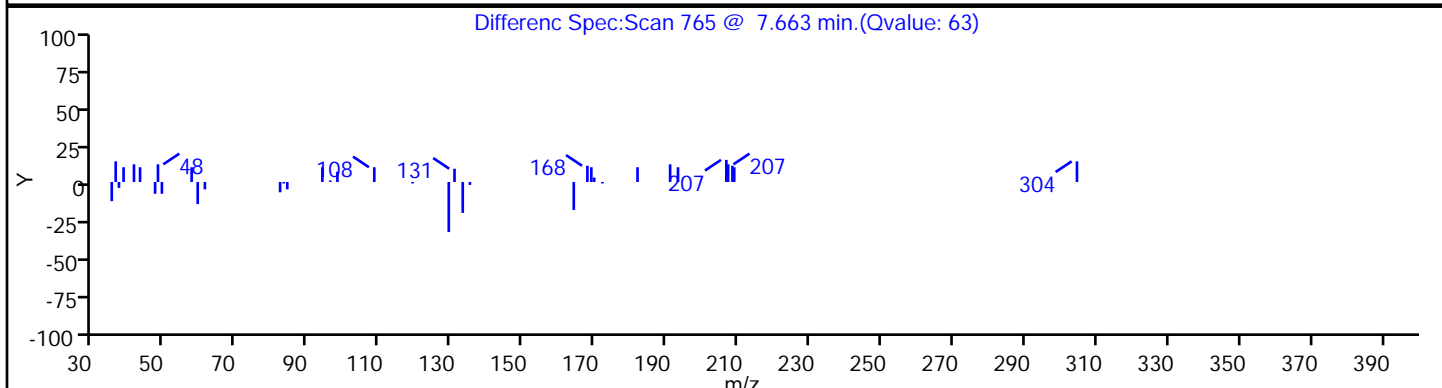
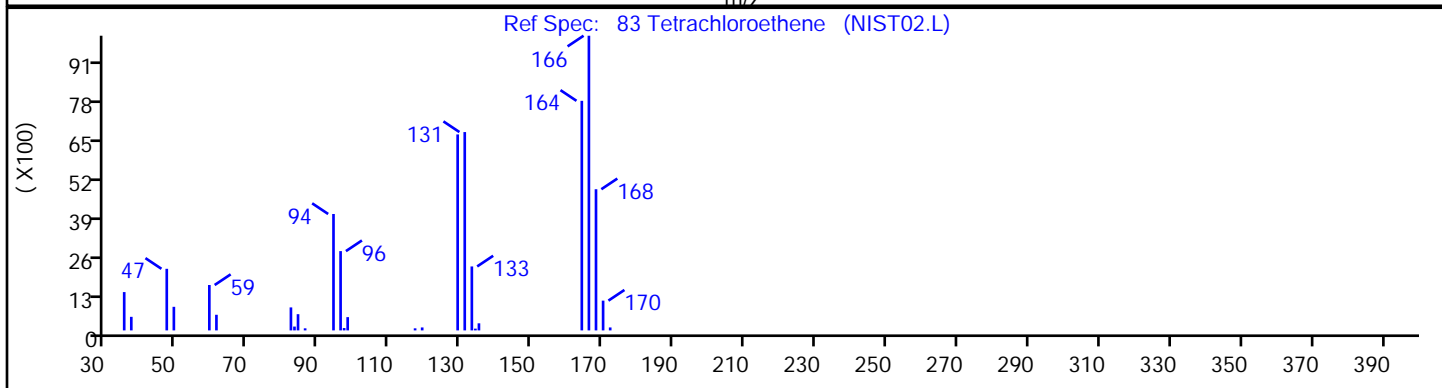
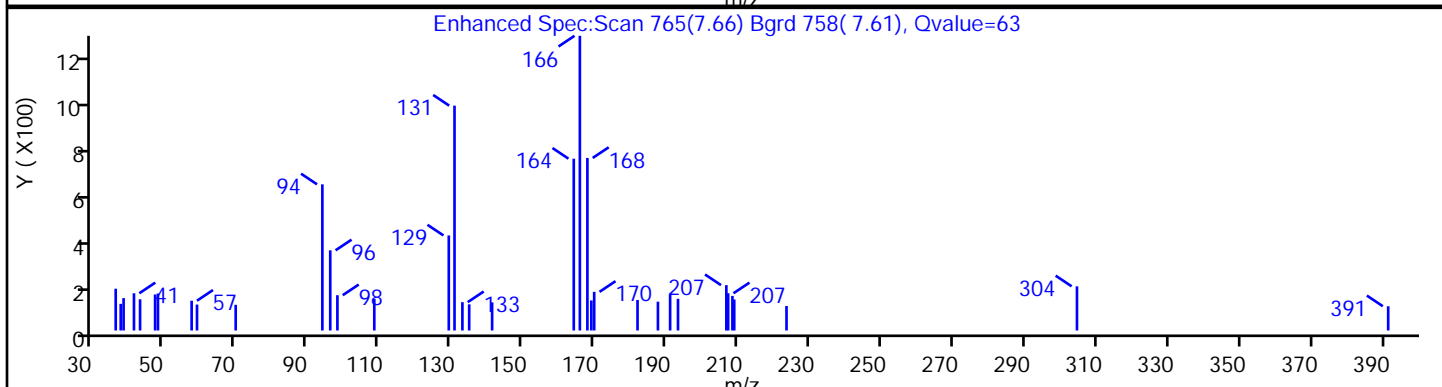
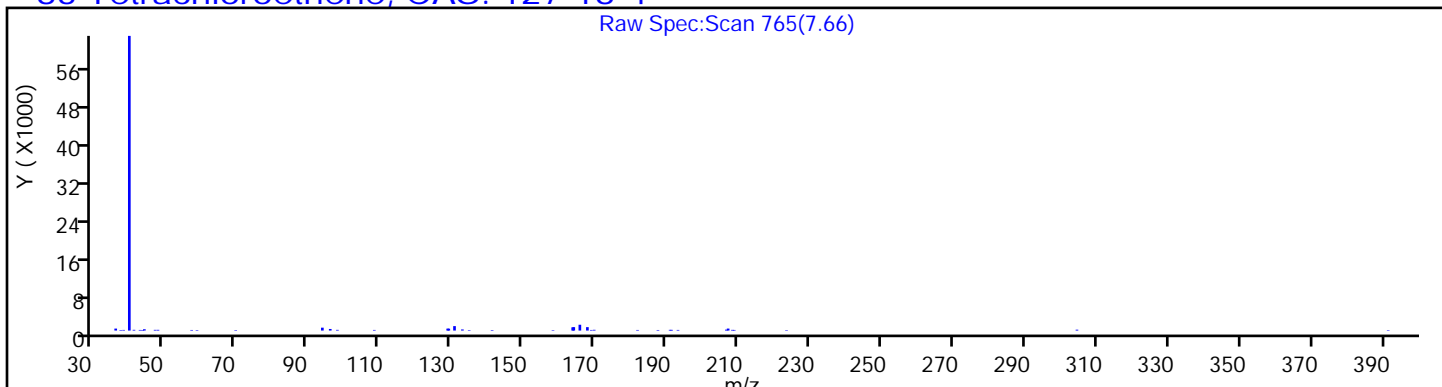
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

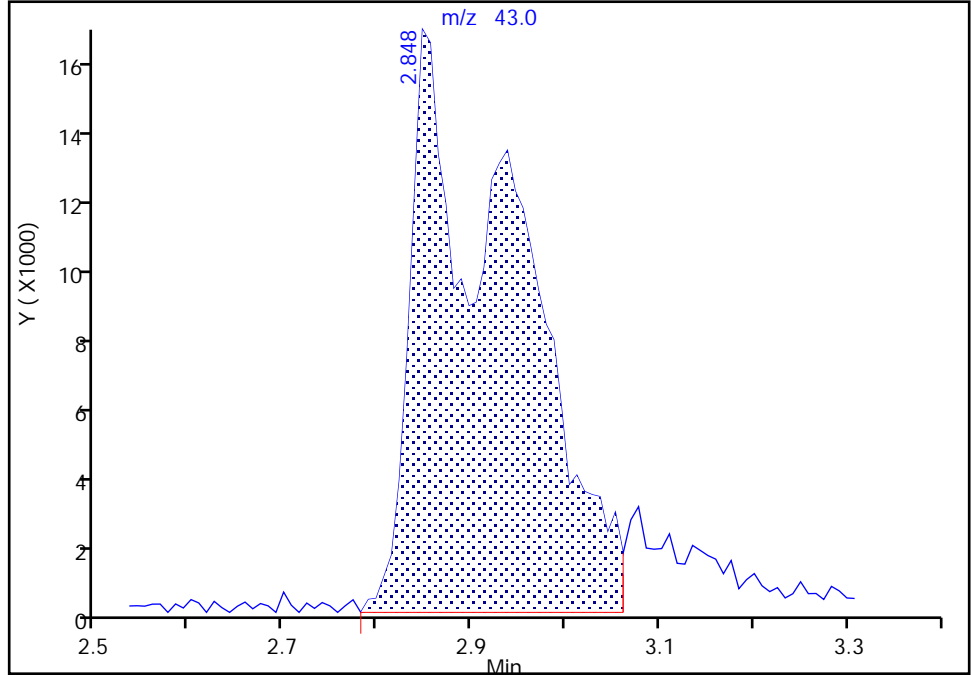
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Injection Date: 29-Oct-2018 10:16:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-1 Lab Sample ID: 460-167890-1  
Client ID: MW-8S  
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

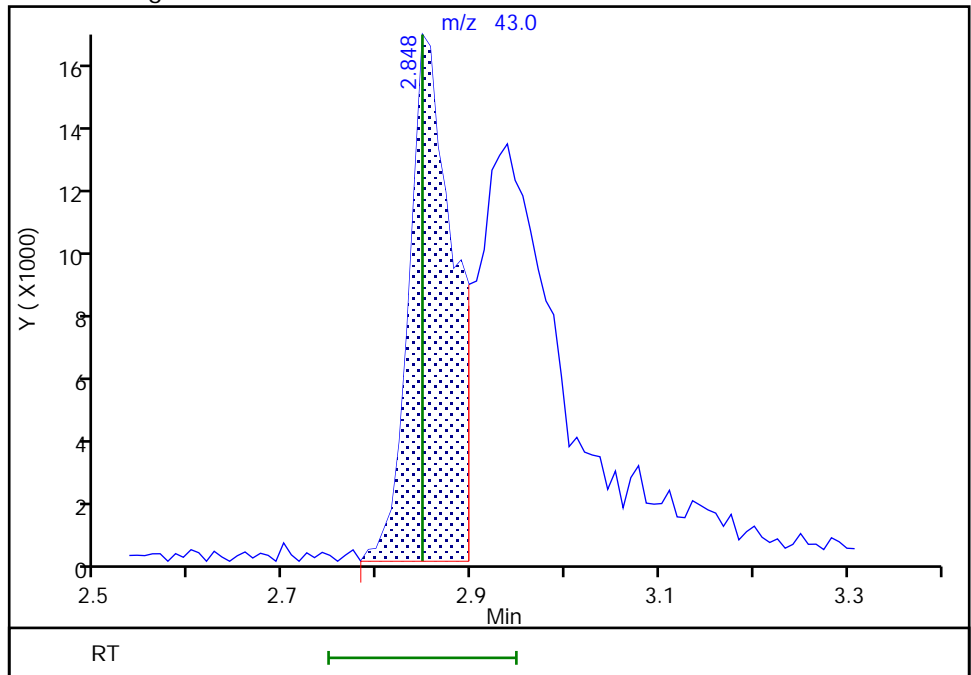
RT: 2.85  
Area: 126338  
Amount: 107.3045  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 54633  
Amount: 45.960918  
Amount Units: ug/l

Manual Integration Results



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8I Lab Sample ID: 460-167890-2  
 Matrix: Water Lab File ID: F72889.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:45  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 10:40  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	63		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8I Lab Sample ID: 460-167890-2  
 Matrix: Water Lab File ID: F72889.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:45  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 10:40  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	0.31	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	118		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D  
 Lims ID: 460-167890-B-2  
 Client ID: MW-81  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 10:40:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-2  
 Misc. Info.: 460-0081059-019  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:48:33 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv Date: 29-Oct-2018 19:48:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.848	2.848	0.000	89	66317	63.2	M
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	121879	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	103855	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	91025	58.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	78595	51.5	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	312173	50.0	
63 Trichloroethene	95	5.666	5.666	0.000	10	1125	0.3050	
* 67 1,4-Dioxane-d8	96	6.036	6.028	0.008	0	9973	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	100	283744	50.5	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	212346	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	95	89220	54.6	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	118356	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D

Injection Date: 29-Oct-2018 10:40:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-2

Lab Sample ID: 460-167890-2

Worklist Smp#: 19

Client ID: MW-8I

Purge Vol: 5.000 mL

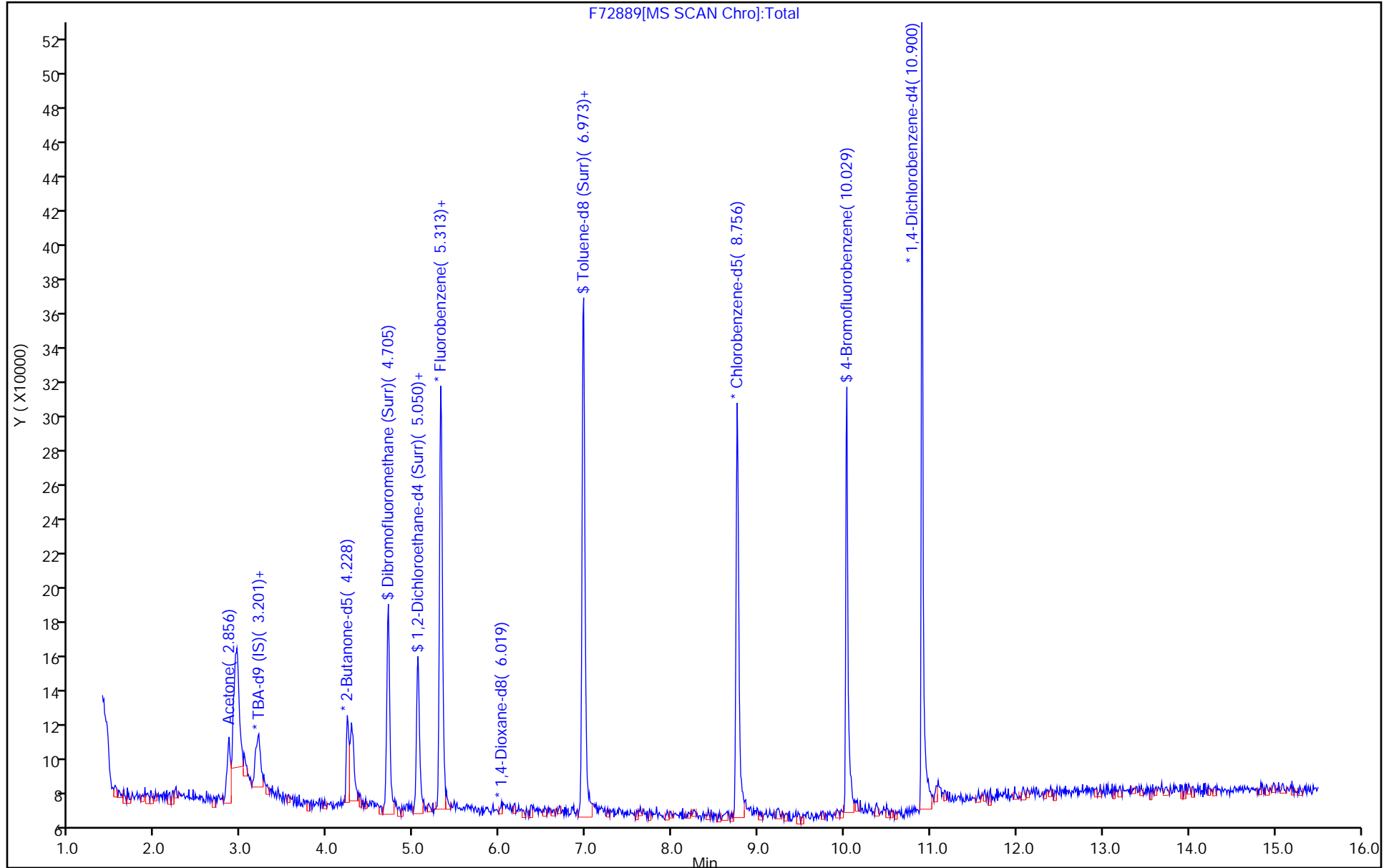
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D

Injection Date: 29-Oct-2018 10:40:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-2

Lab Sample ID: 460-167890-2

Client ID: MW-8I

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

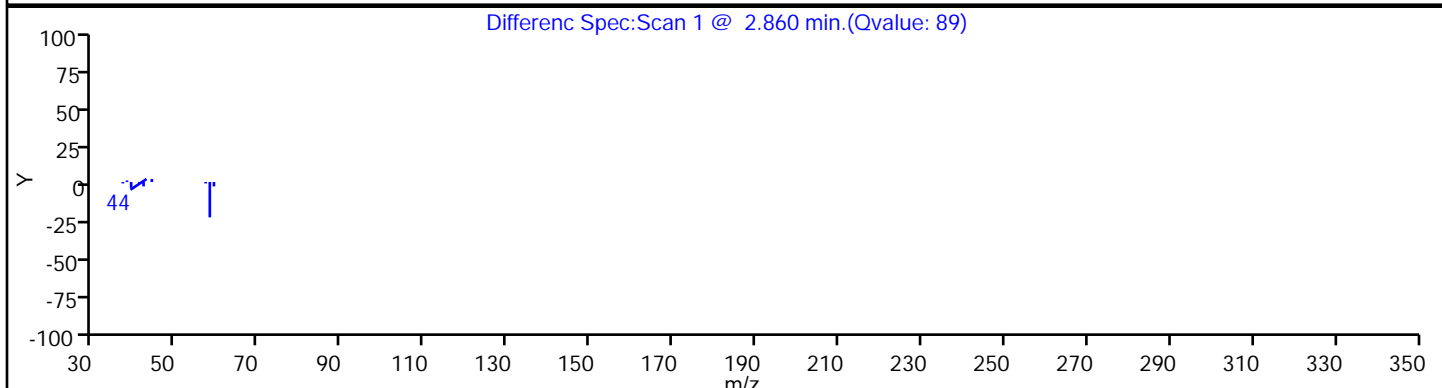
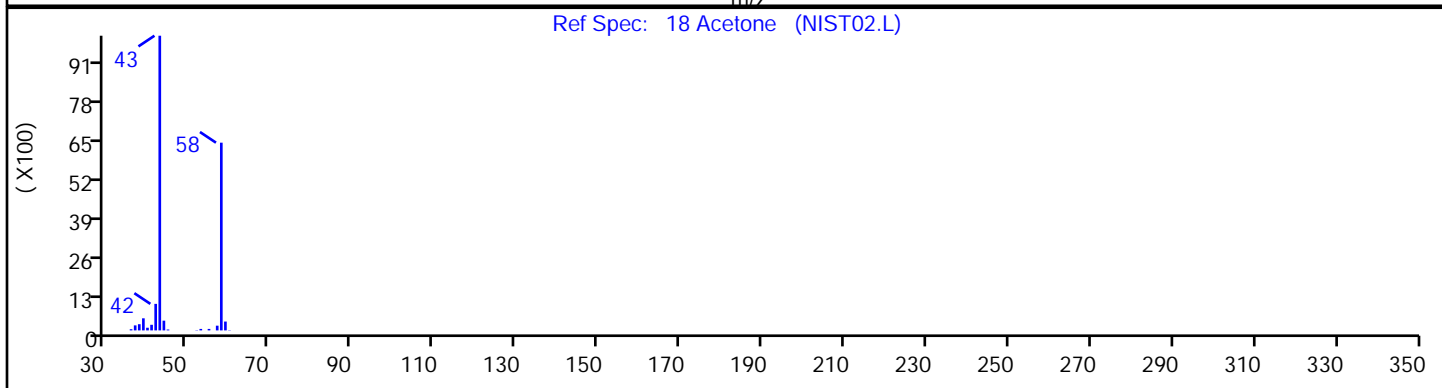
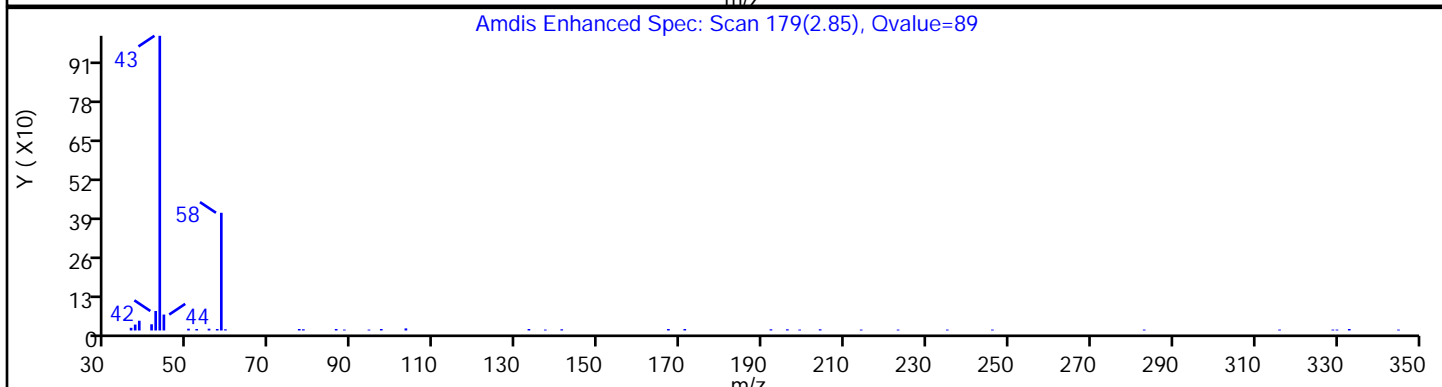
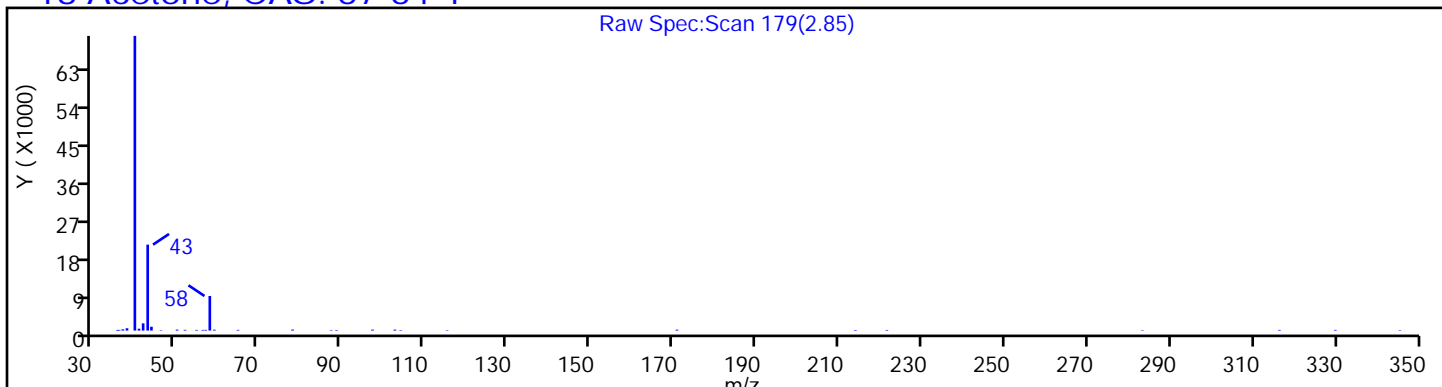
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D

Injection Date: 29-Oct-2018 10:40:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-2

Lab Sample ID: 460-167890-2

Client ID: MW-81

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

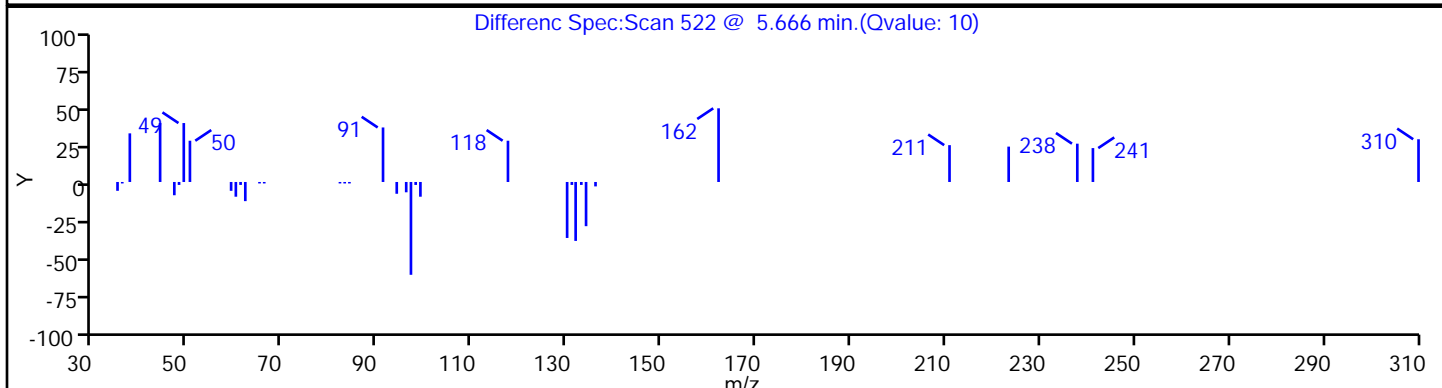
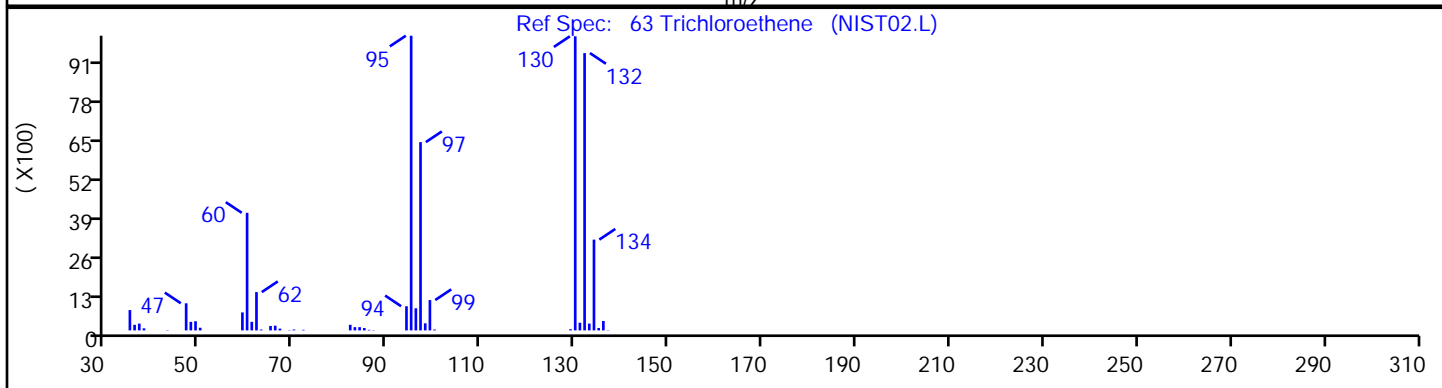
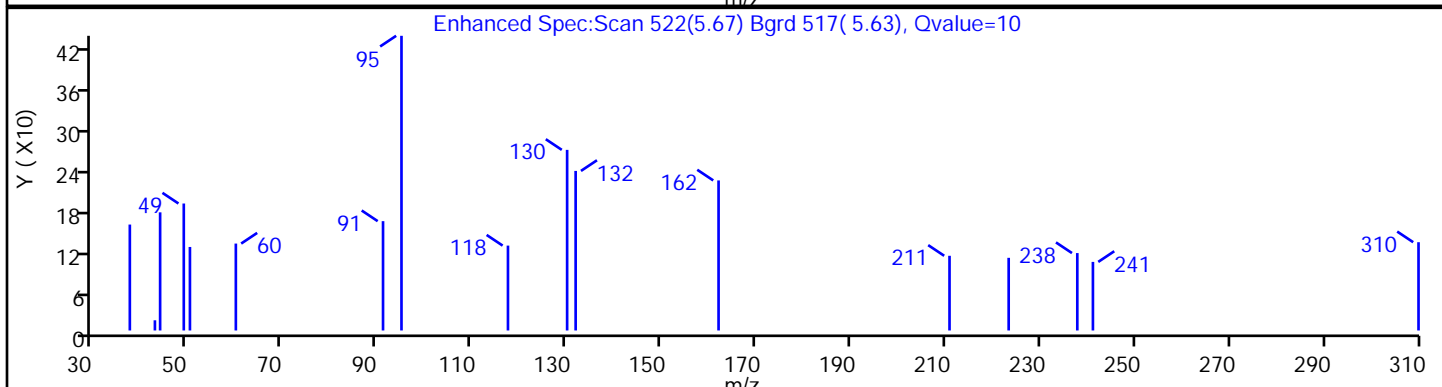
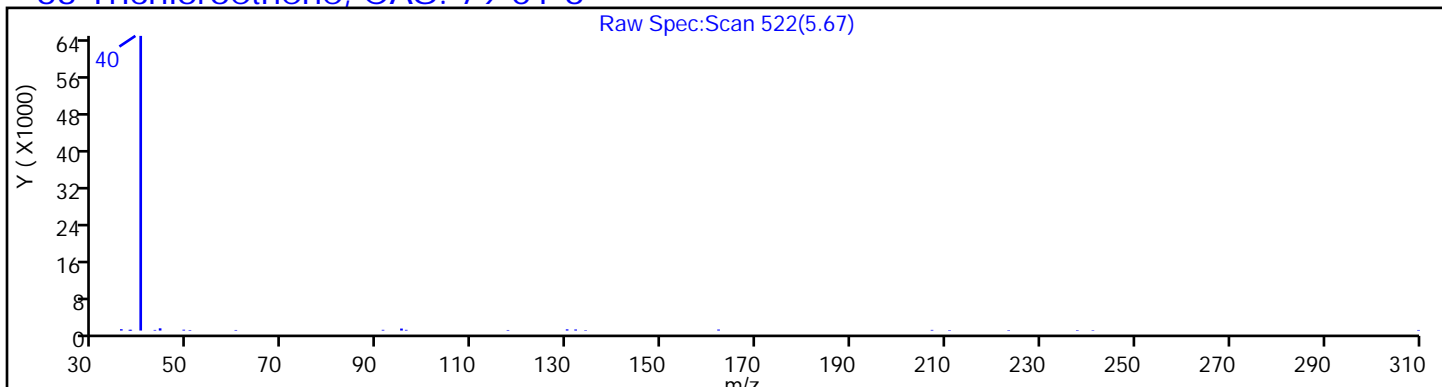
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6

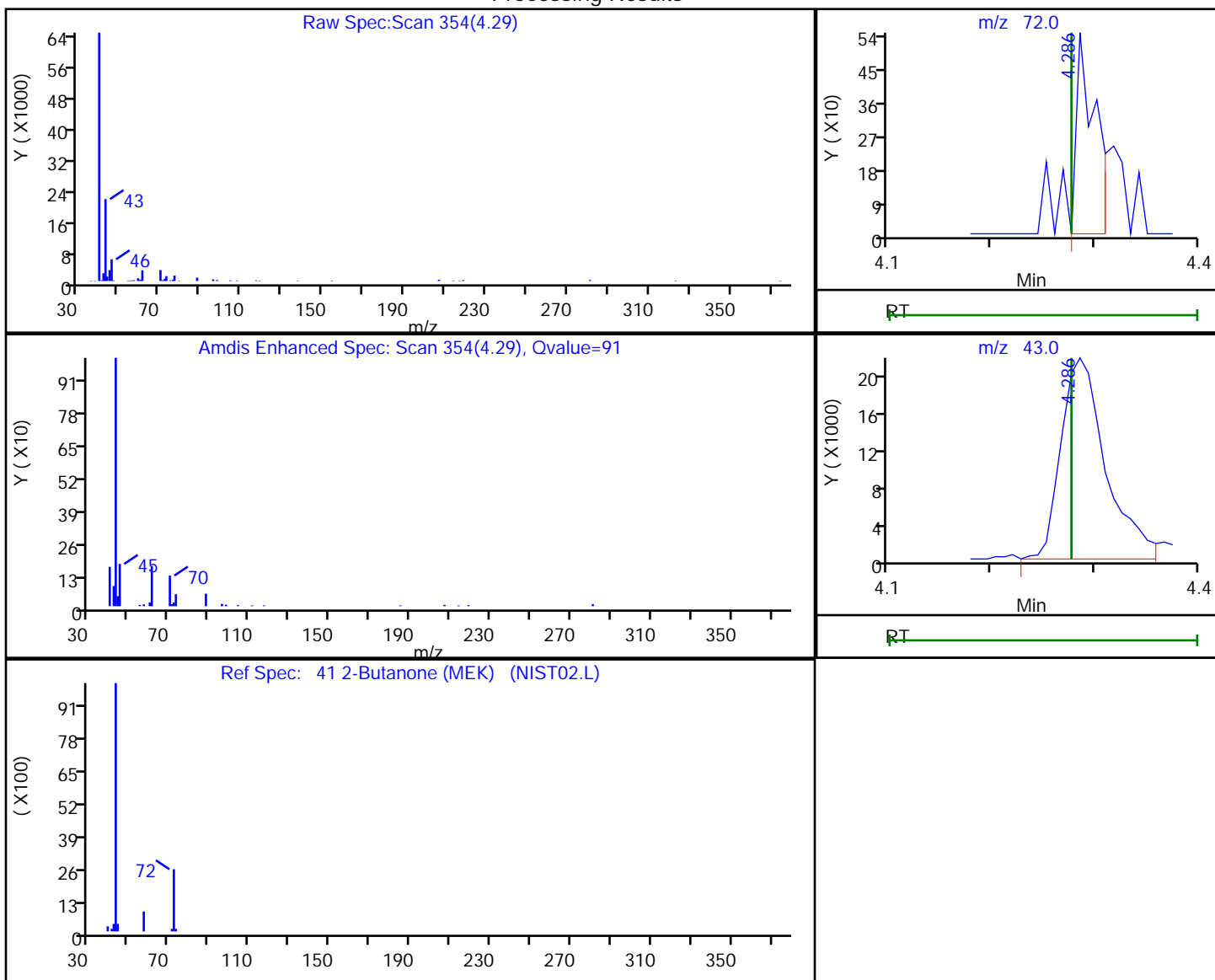


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D  
 Injection Date: 29-Oct-2018 10:40:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-2 Lab Sample ID: 460-167890-2  
 Client ID: MW-81  
 Operator ID: ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.29	72.00	704	2.525541
4.29	43.00	64860	

Reviewer: parekhv, 29-Oct-2018 19:48:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

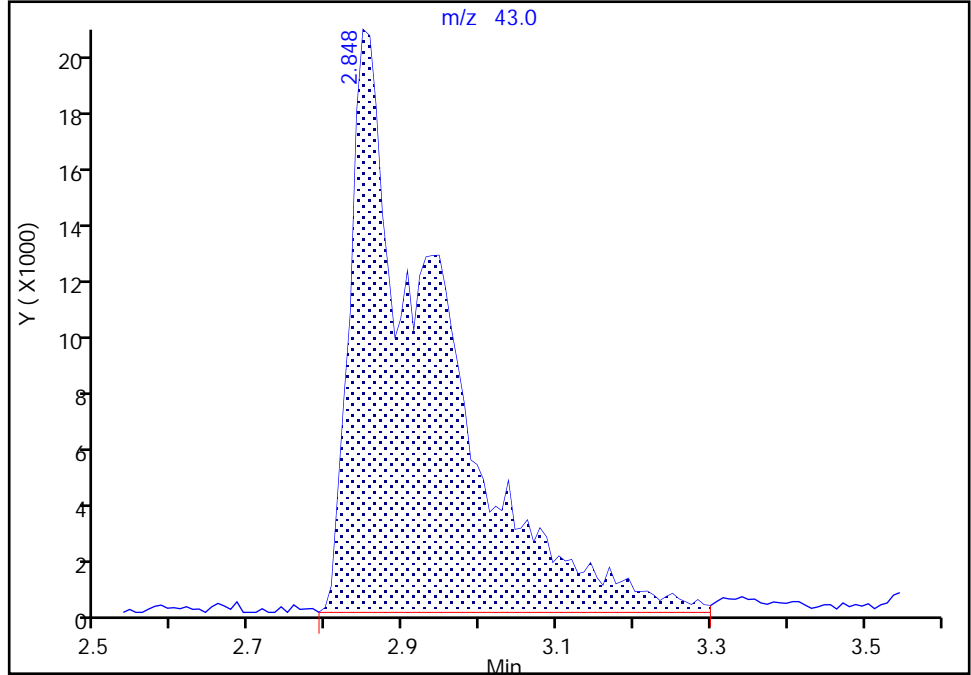
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Injection Date: 29-Oct-2018 10:40:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-2 Lab Sample ID: 460-167890-2  
Client ID: MW-81  
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

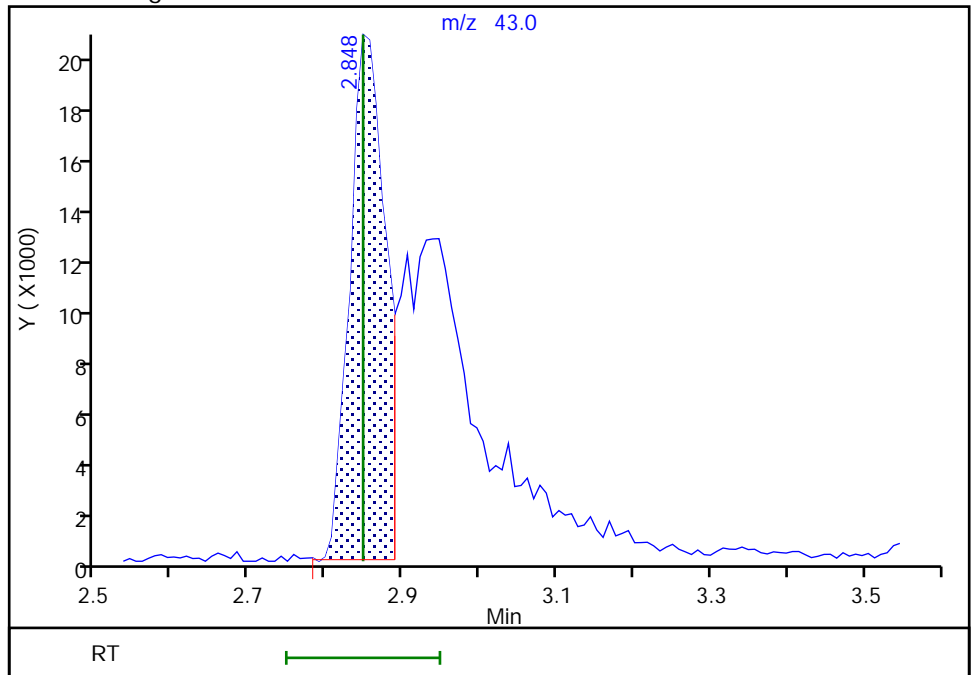
RT: 2.85  
Area: 161301  
Amount: 155.9991  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 66317  
Amount: 63.212007  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:48:31  
Audit Action: Assigned New Baseline

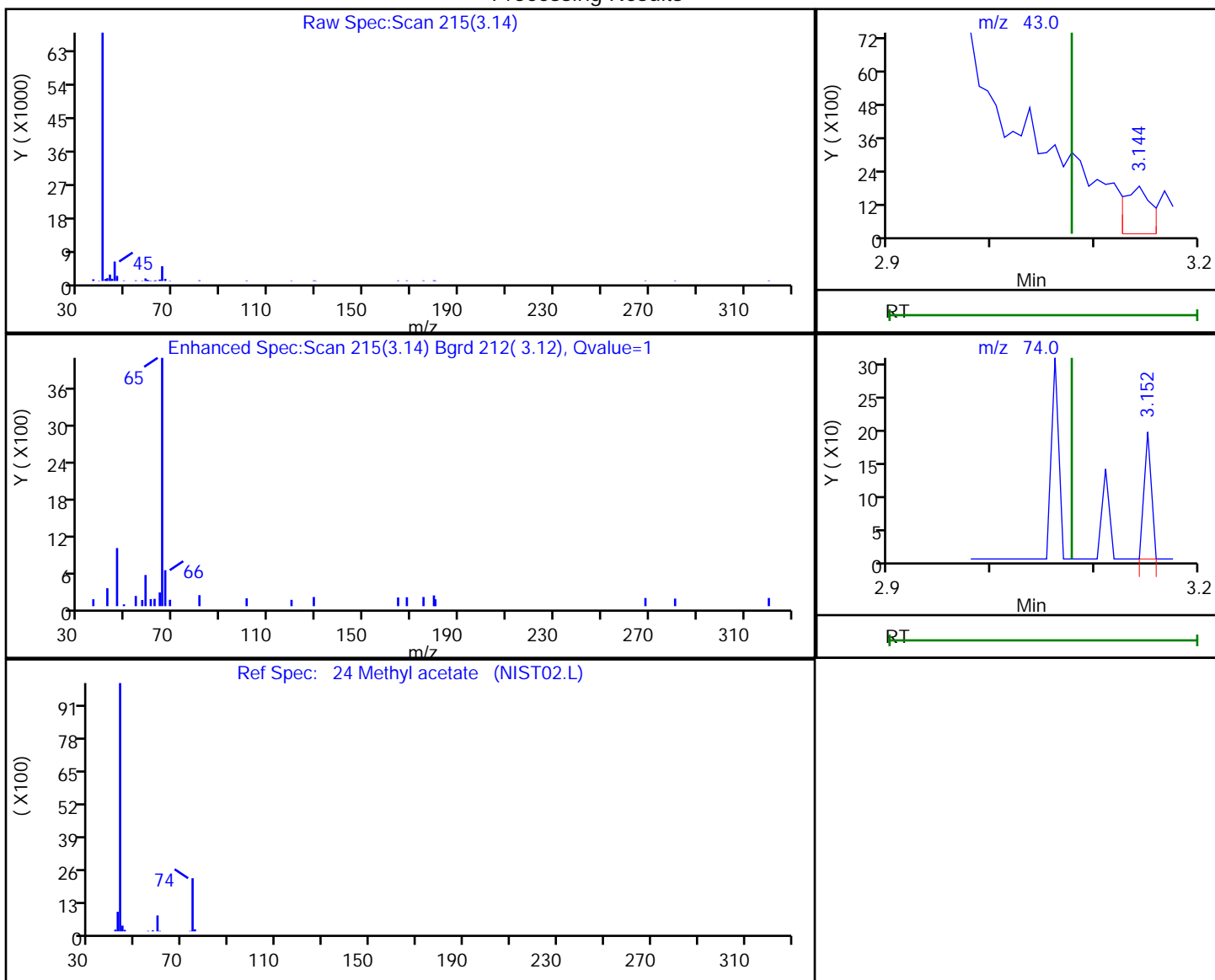
Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72889.D  
 Injection Date: 29-Oct-2018 10:40:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-2 Lab Sample ID: 460-167890-2  
 Client ID: MW-81  
 Operator ID: ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.14	43.00	3275	1.221592
3.15	74.00	95	

Reviewer: parekhv, 29-Oct-2018 19:48:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8D Lab Sample ID: 460-167890-3  
 Matrix: Water Lab File ID: F72890.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 11:03  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	41		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-8D Lab Sample ID: 460-167890-3  
 Matrix: Water Lab File ID: F72890.D  
 Analysis Method: 8260C Date Collected: 10/25/2018 09:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 11:03  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		74-132
460-00-4	4-Bromofluorobenzene	113		77-124
1868-53-7	Dibromofluoromethane (Surr)	118		72-131
2037-26-5	Toluene-d8 (Surr)	111		80-120



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72890.D  
 Lims ID: 460-167890-B-3  
 Client ID: MW-8D  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 11:03:30 ALS Bottle#: 19 Worklist Smp#: 20  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-3  
 Misc. Info.: 460-0081059-020  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:50:04 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv Date: 29-Oct-2018 19:49:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.856	2.848	0.008	92	47808	41.4	M
* 26 TBA-d9 (IS)	65	3.185	3.201	-0.016	0	122179	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	113913	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	95354	58.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	84942	53.1	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	327436	50.0	
* 67 1,4-Dioxane-d8	96	6.028	6.028	0.000	0	10706	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.008	99	288402	55.3	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	197053	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	97	86034	56.7	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	117164	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72890.D

Injection Date: 29-Oct-2018 11:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-3

Lab Sample ID: 460-167890-3

Worklist Smp#: 20

Client ID: MW-8D

Purge Vol: 5.000 mL

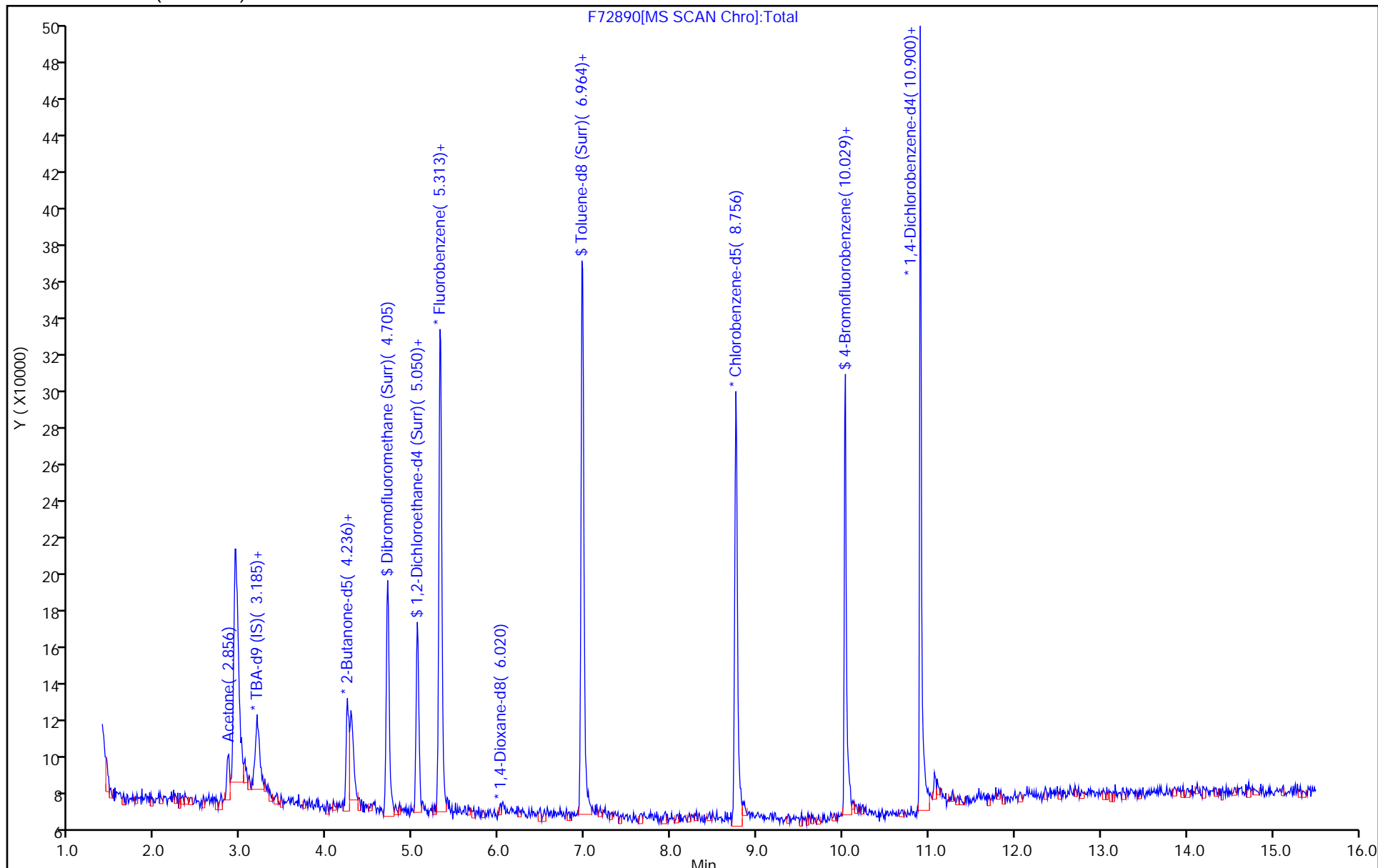
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72890.D

Injection Date: 29-Oct-2018 11:03:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-3

Lab Sample ID: 460-167890-3

Client ID: MW-8D

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

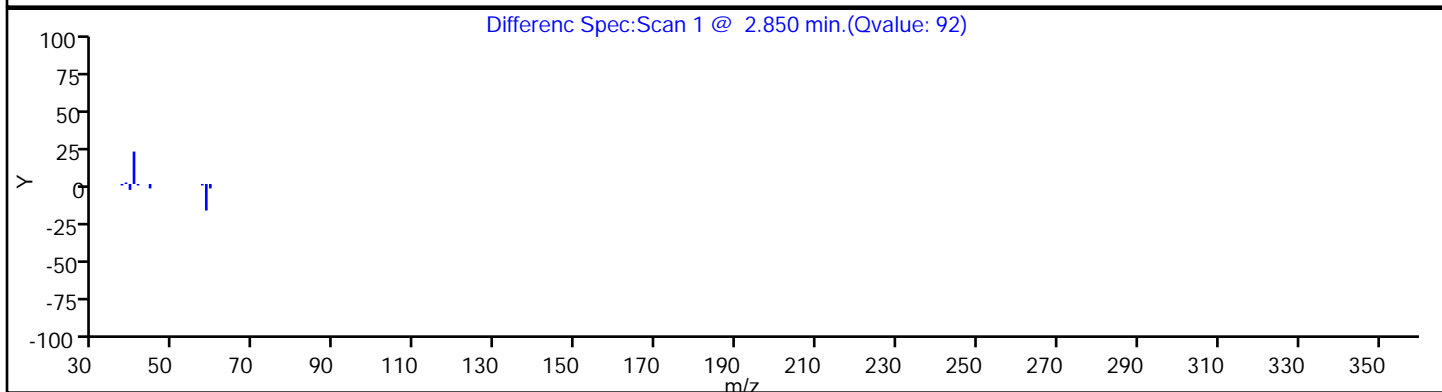
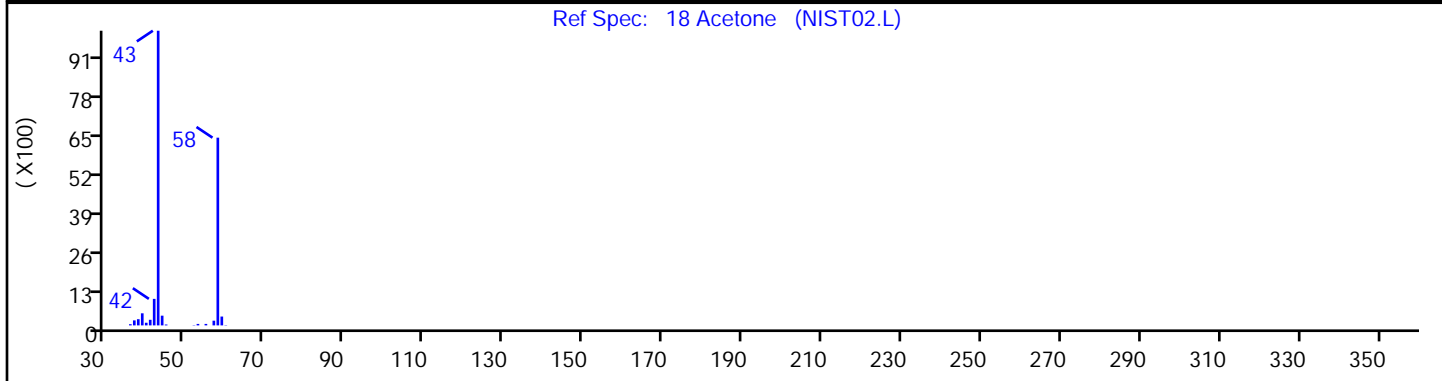
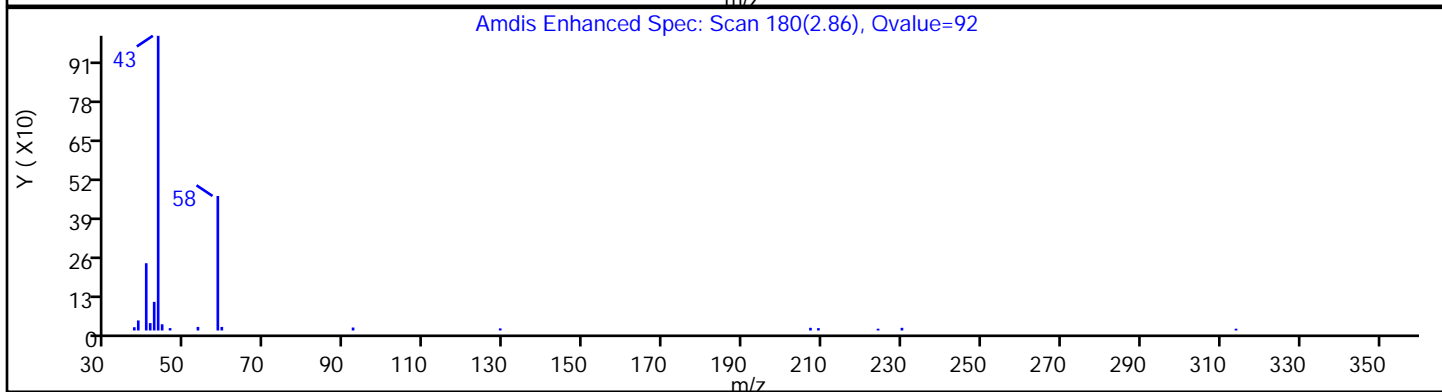
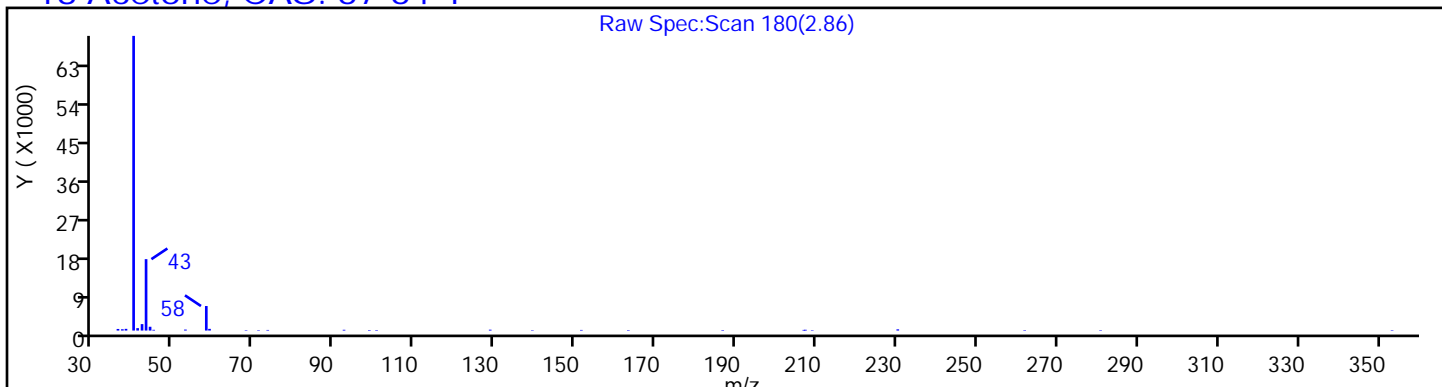
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

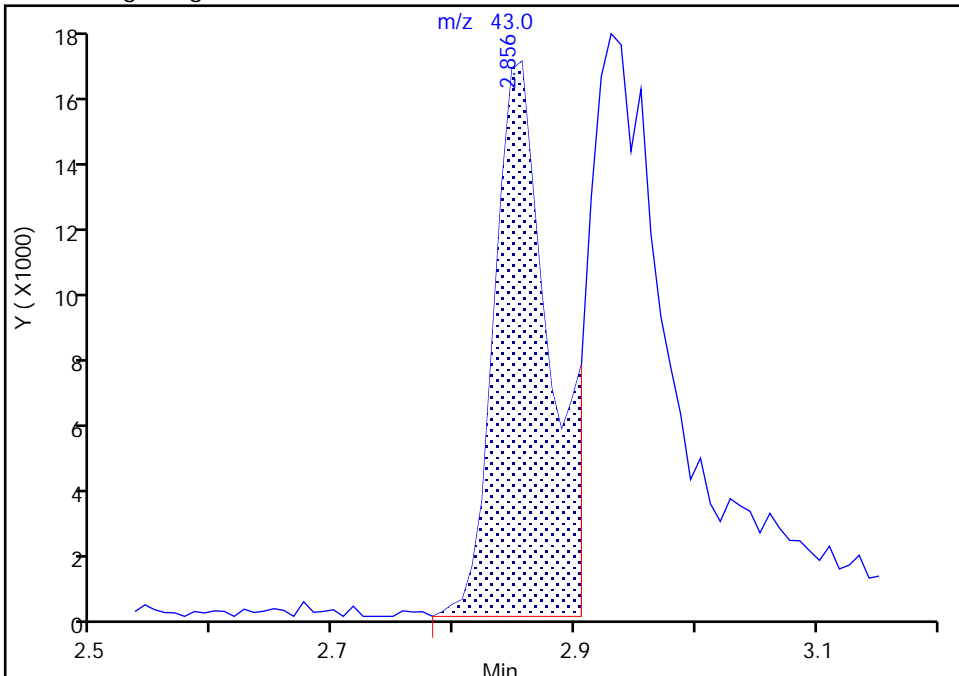
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72890.D  
Injection Date: 29-Oct-2018 11:03:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-3 Lab Sample ID: 460-167890-3  
Client ID: MW-8D  
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

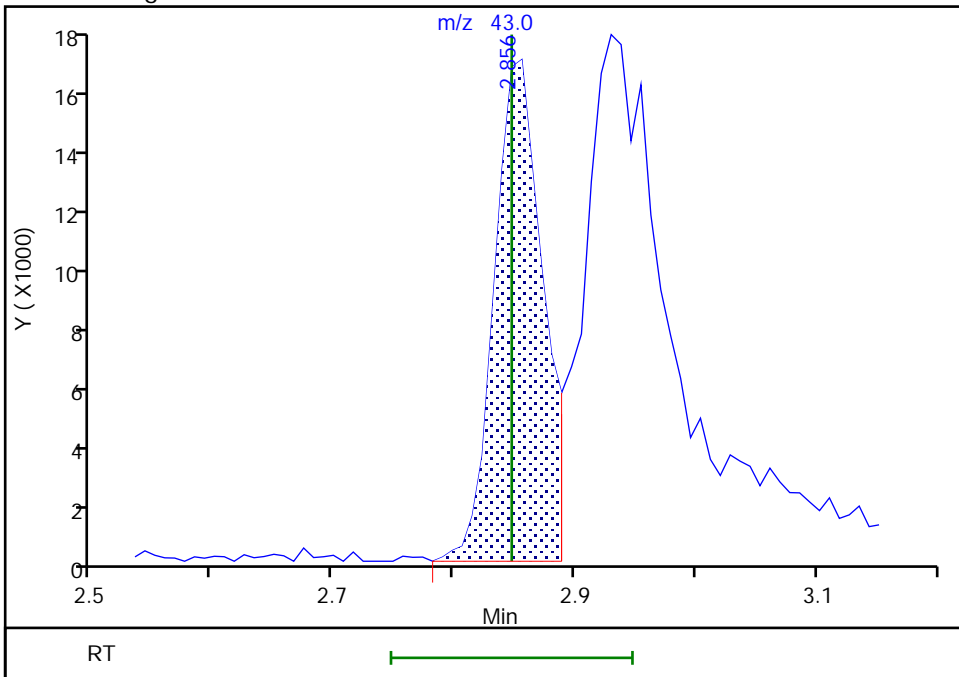
RT: 2.86  
Area: 54798  
Amount: 47.504451  
Amount Units: ug/l

Processing Integration Results



RT: 2.86  
Area: 47808  
Amount: 41.405649  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:49:51  
Audit Action: Split an Integrated Peak

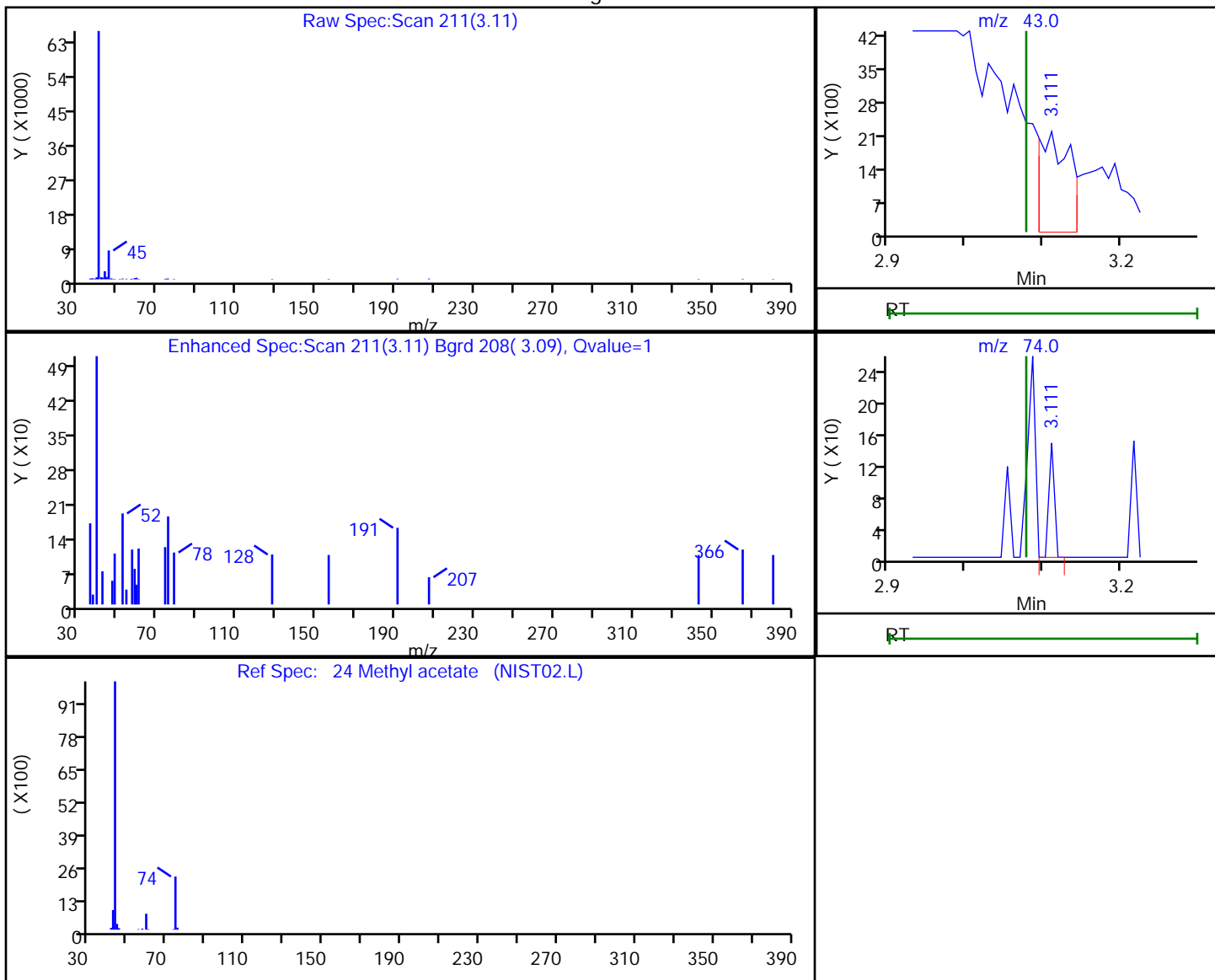
Audit Reason: Shouldering  
Page 100 of 520

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72890.D  
 Injection Date: 29-Oct-2018 11:03:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-3 Lab Sample ID: 460-167890-3  
 Client ID: MW-8D  
 Operator ID: ALS Bottle#: 19 Worklist Smp#: 20  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

24 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.11	43.00	5842	2.077520
3.11	74.00	72	

Reviewer: parekhv, 29-Oct-2018 19:48:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-7 Lab Sample ID: 460-167890-4  
 Matrix: Water Lab File ID: F72891.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:05  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 11:26  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.70	J	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.82	J	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	36		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	0.91	J	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-7 Lab Sample ID: 460-167890-4  
 Matrix: Water Lab File ID: F72891.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:05  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 11:26  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
1868-53-7	Dibromofluoromethane (Surr)	120		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D  
 Lims ID: 460-167890-B-4  
 Client ID: MW-7  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 11:26:30 ALS Bottle#: 20 Worklist Smp#: 21  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-4  
 Misc. Info.: 460-0081059-021  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:50:52 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:49:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.839	2.848	-0.009	91	41159	36.5	Ma
* 26 TBA-d9 (IS)	65	3.209	3.201	0.008	0	133803	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	111316	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	93332	60.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	80741	52.7	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	313583	50.0	
* 67 1,4-Dioxane-d8	96	6.019	6.028	-0.009	0	12503	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.973	0.000	100	281425	52.0	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	204701	50.0	
90 Chlorobenzene	112	8.797	8.788	0.009	97	8250	0.9086	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	95	83736	53.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	122053	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	92	7199	0.8160	a
122 1,2-Dichlorobenzene	146	11.171	11.163	0.008	98	6195	0.7030	a

**QC Flag Legend**

## Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D

Injection Date: 29-Oct-2018 11:26:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-4

Lab Sample ID: 460-167890-4

Worklist Smp#: 21

Client ID: MW-7

Purge Vol: 5.000 mL

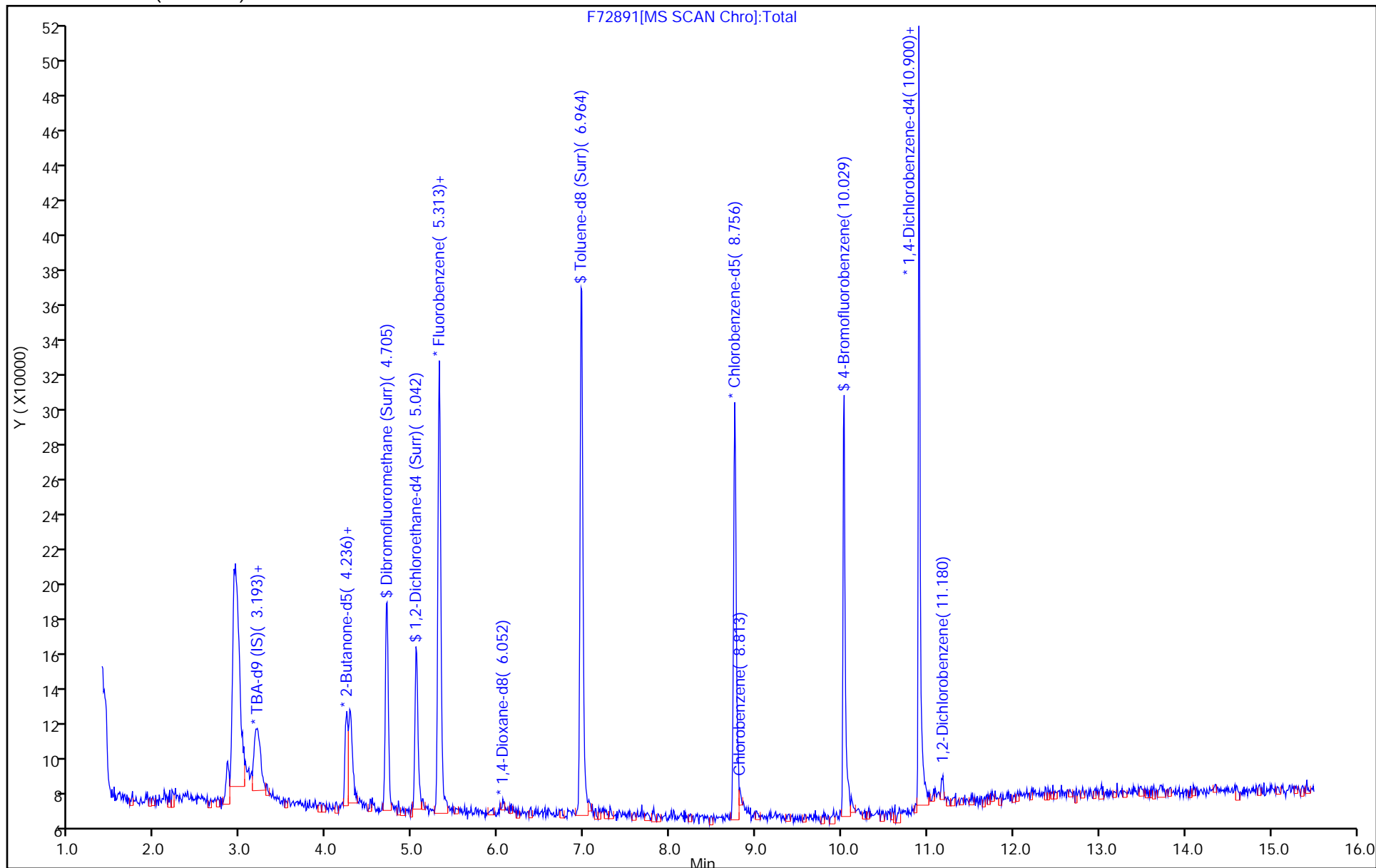
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D

Injection Date: 29-Oct-2018 11:26:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-4

Lab Sample ID: 460-167890-4

Client ID: MW-7

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

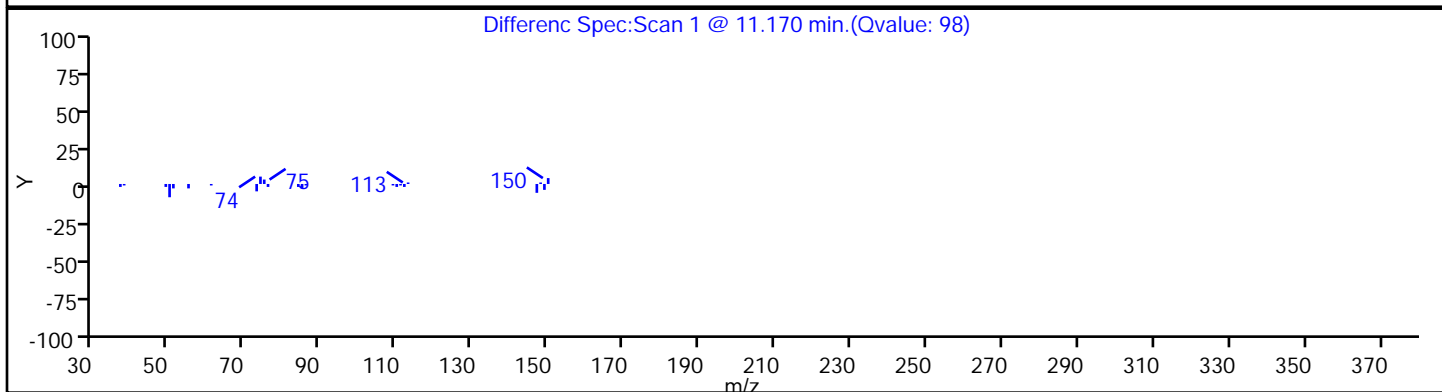
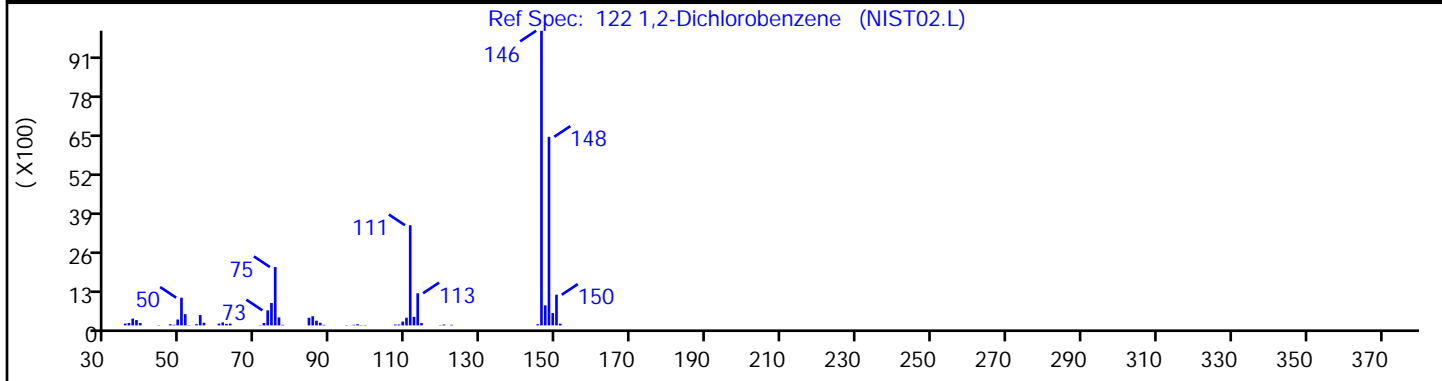
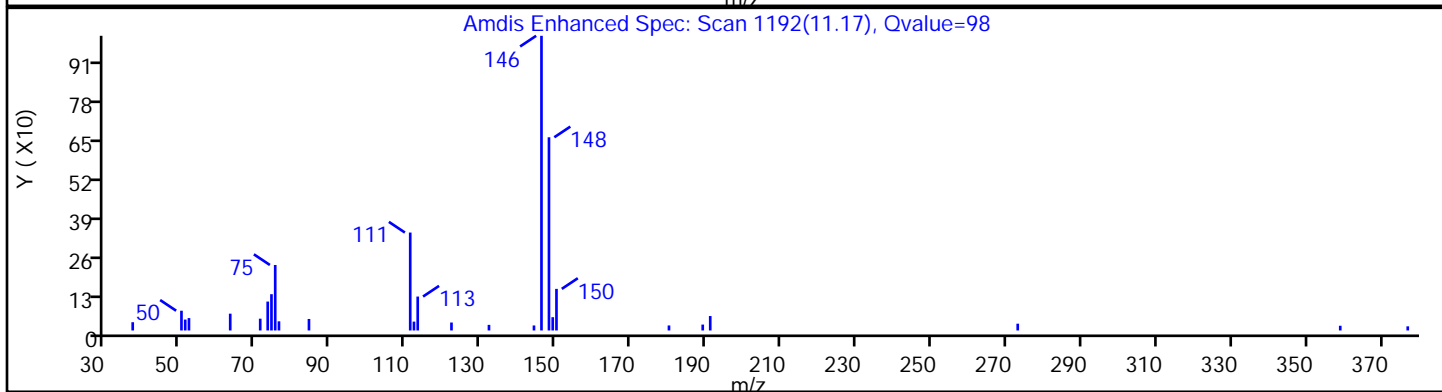
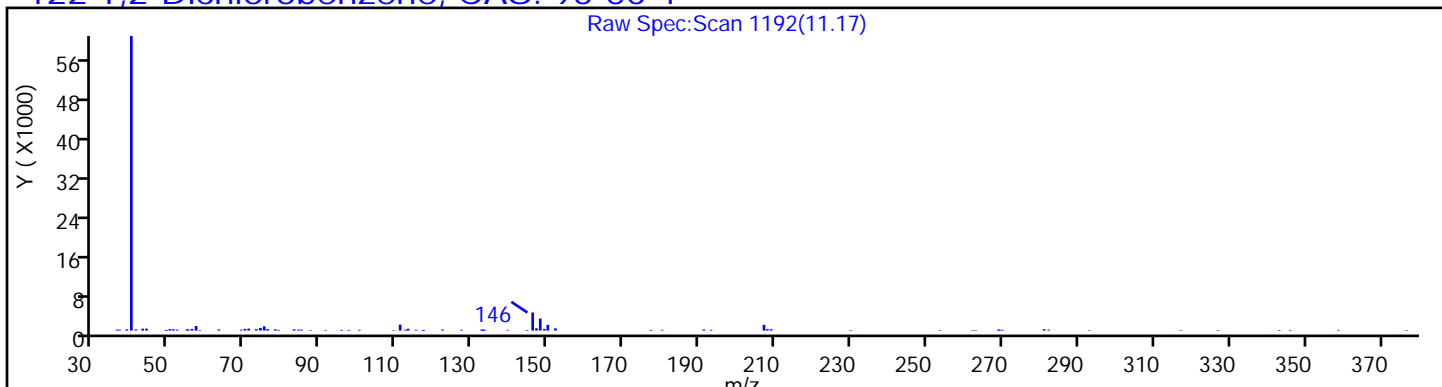
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

122 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D

Injection Date: 29-Oct-2018 11:26:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-4

Lab Sample ID: 460-167890-4

Client ID: MW-7

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

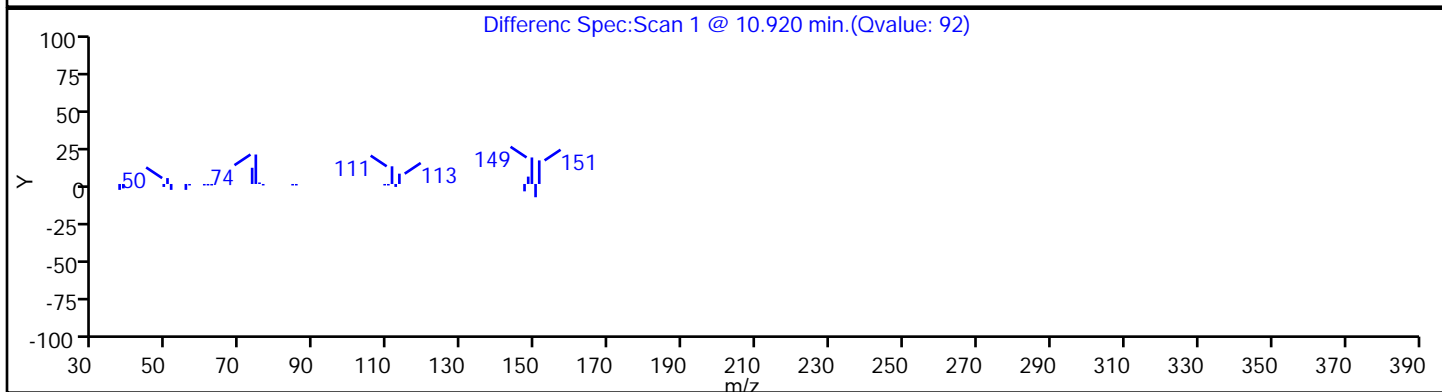
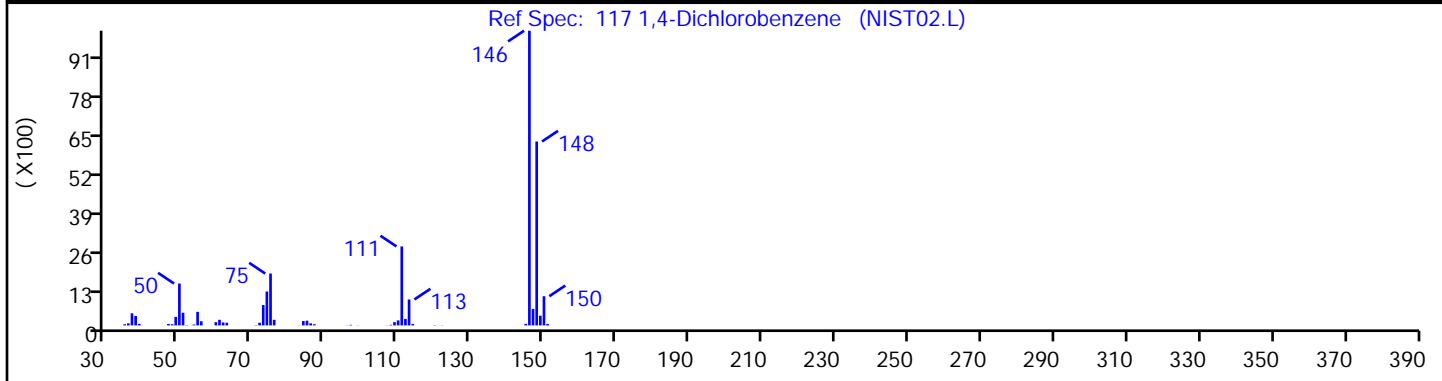
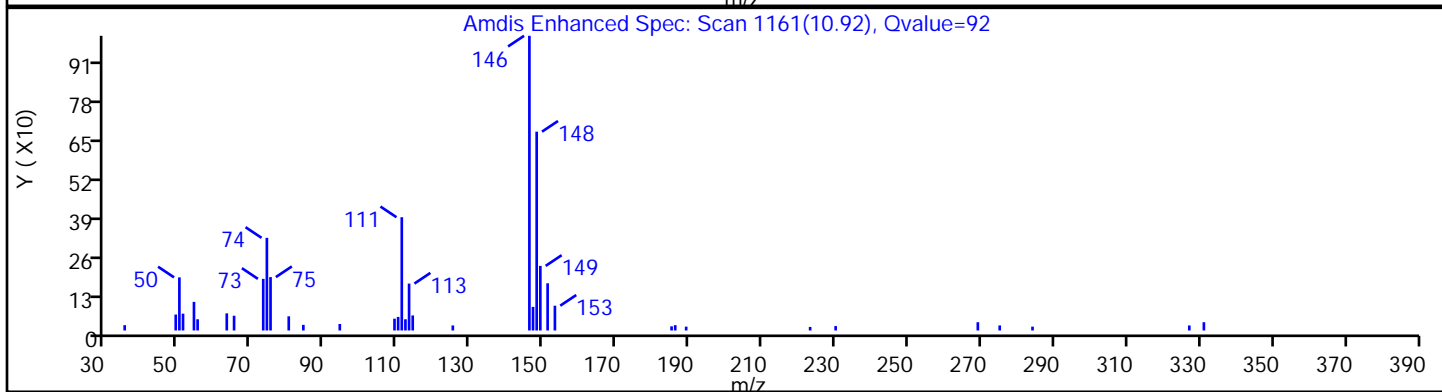
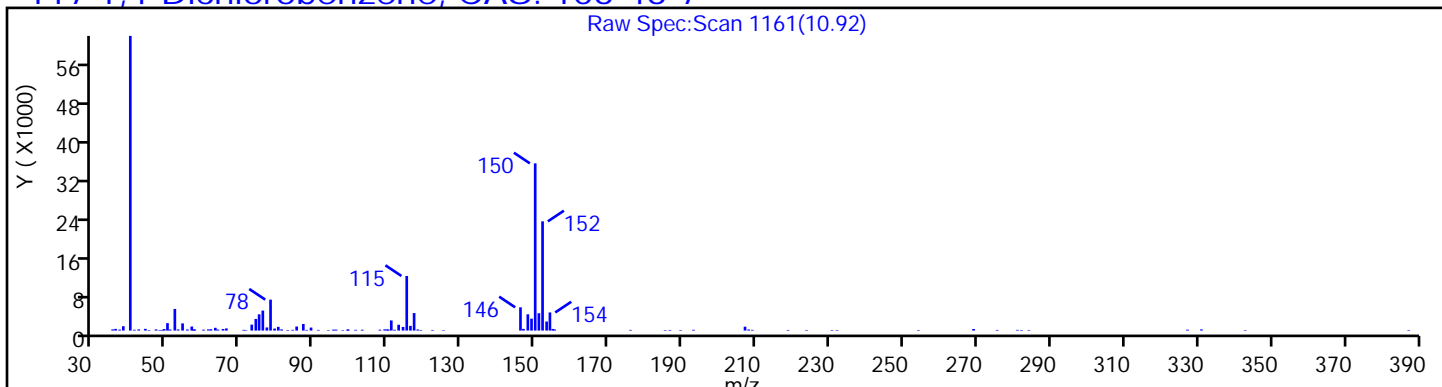
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D

Injection Date: 29-Oct-2018 11:26:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-4

Lab Sample ID: 460-167890-4

Client ID: MW-7

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

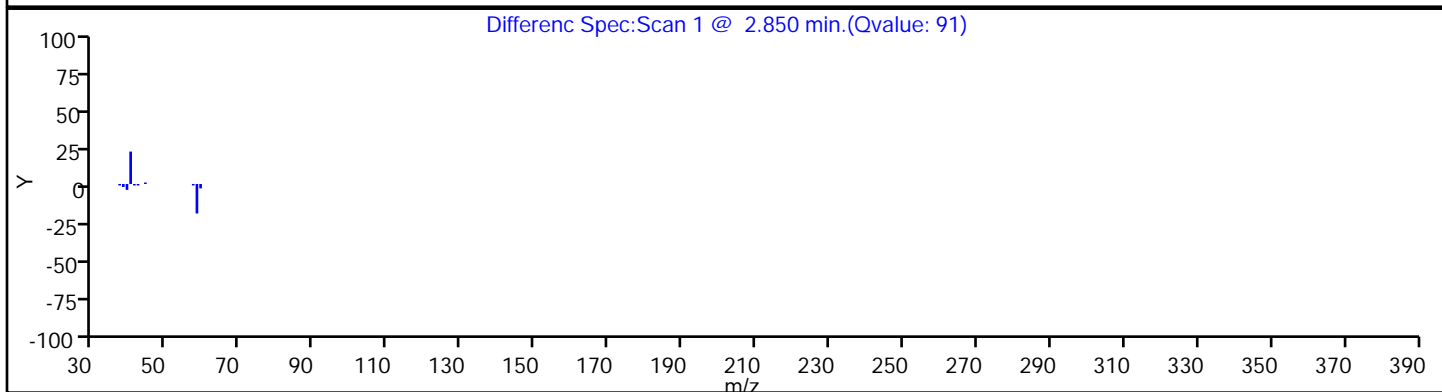
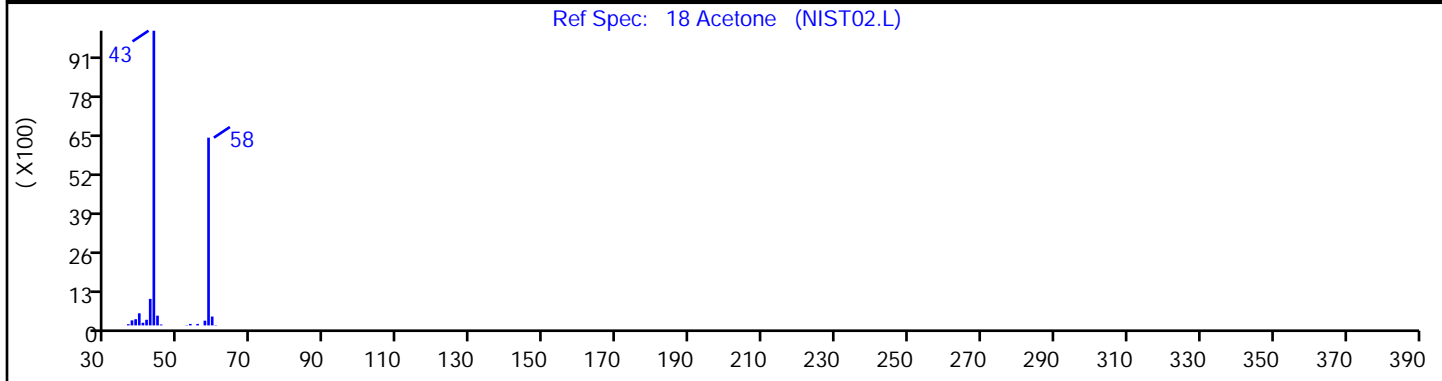
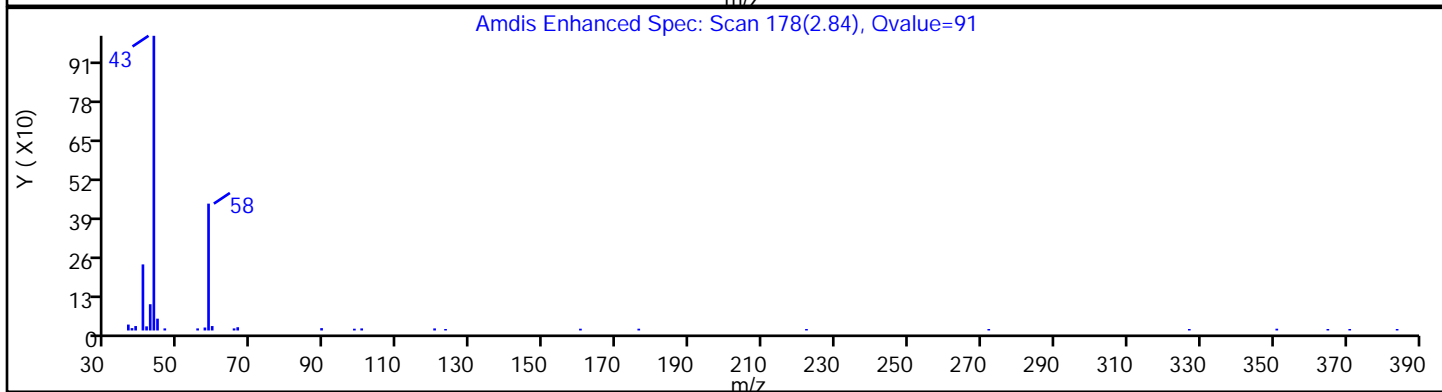
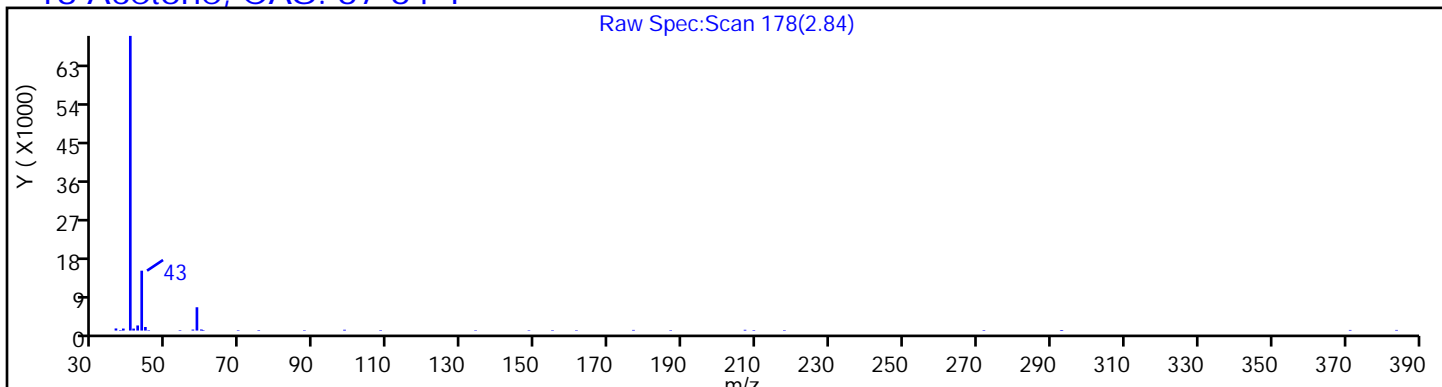
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D

Injection Date: 29-Oct-2018 11:26:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-4

Lab Sample ID: 460-167890-4

Client ID: MW-7

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

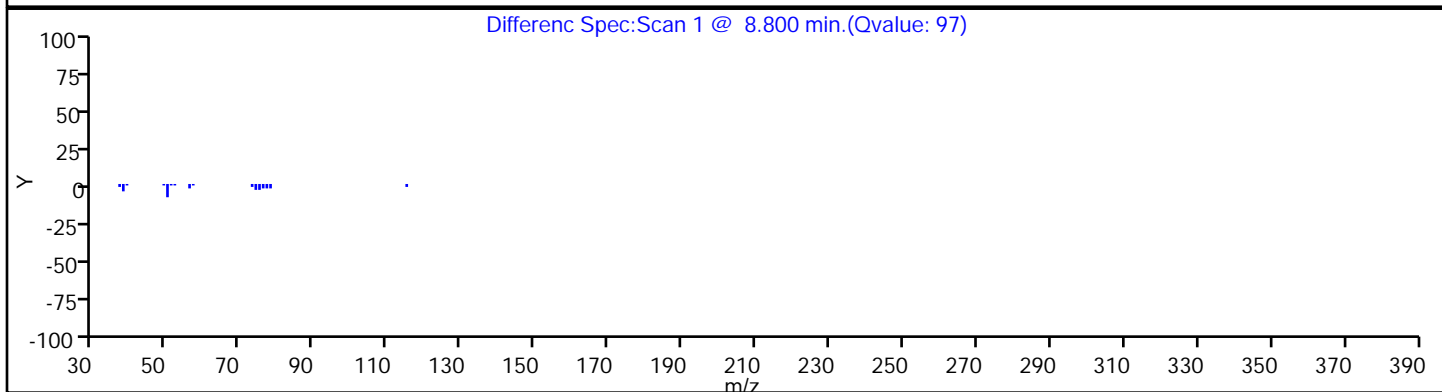
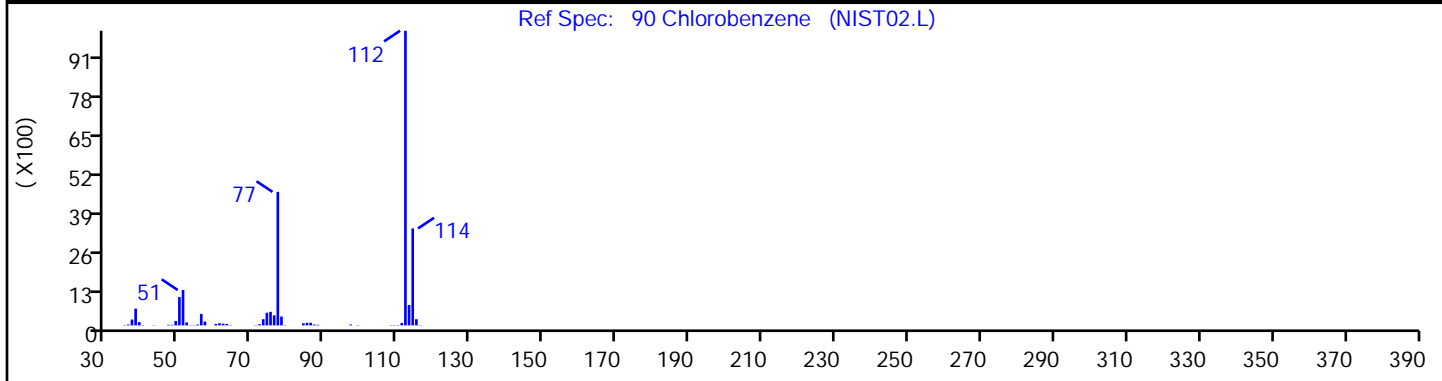
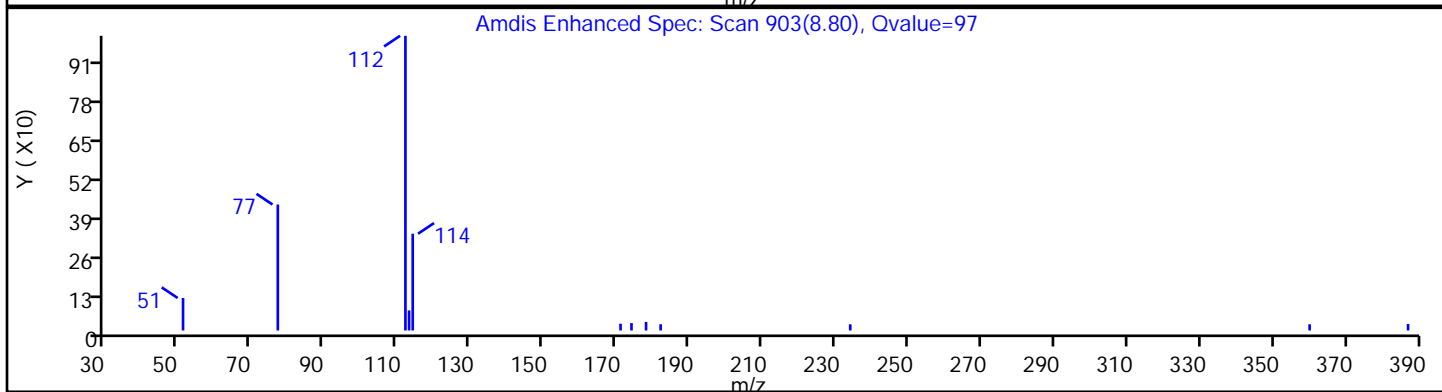
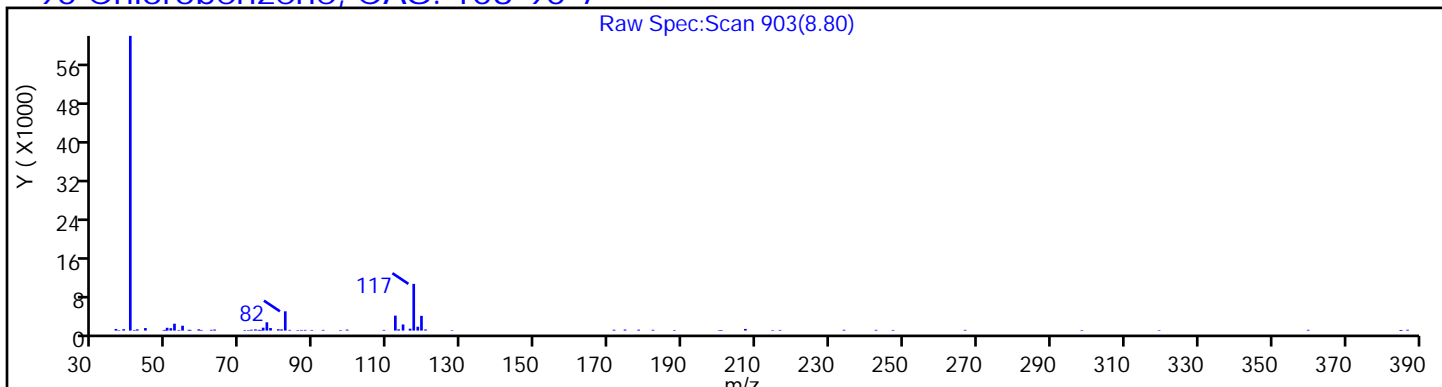
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

90 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

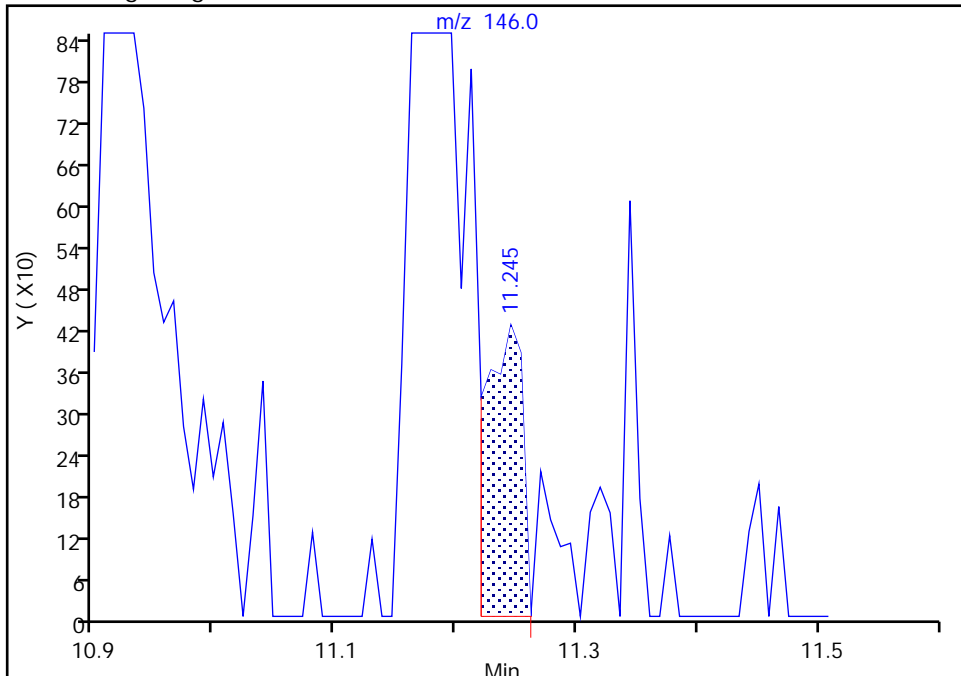
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Injection Date: 29-Oct-2018 11:26:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-4 Lab Sample ID: 460-167890-4  
Client ID: MW-7  
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

122 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

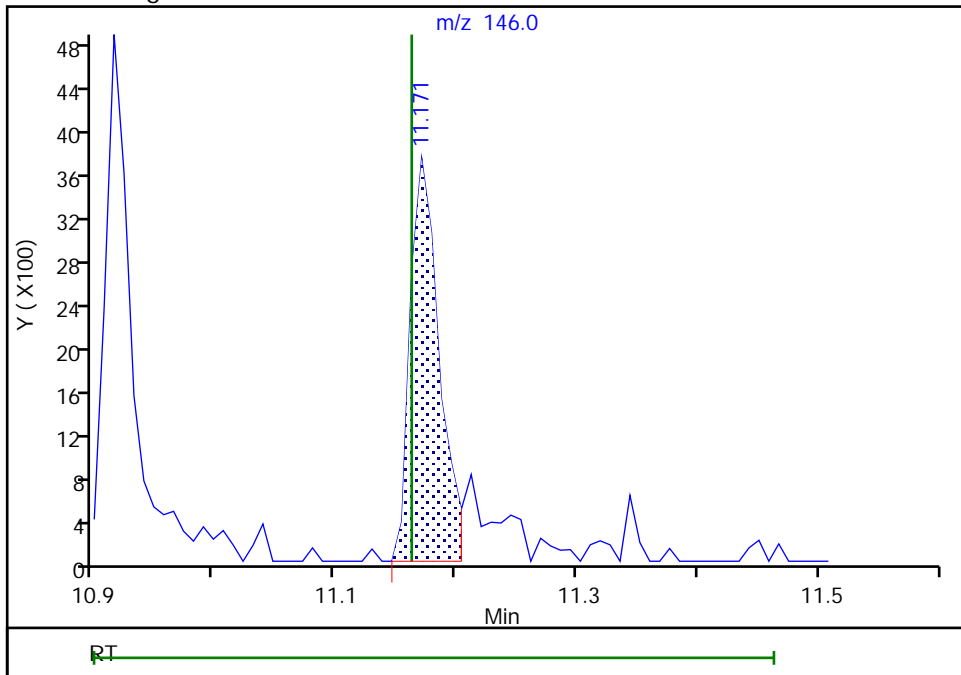
RT: 11.25  
Area: 901  
Amount: 0.102242  
Amount Units: ug/l

Processing Integration Results



RT: 11.17  
Area: 6195  
Amount: 0.702981  
Amount Units: ug/l

Manual Integration Results

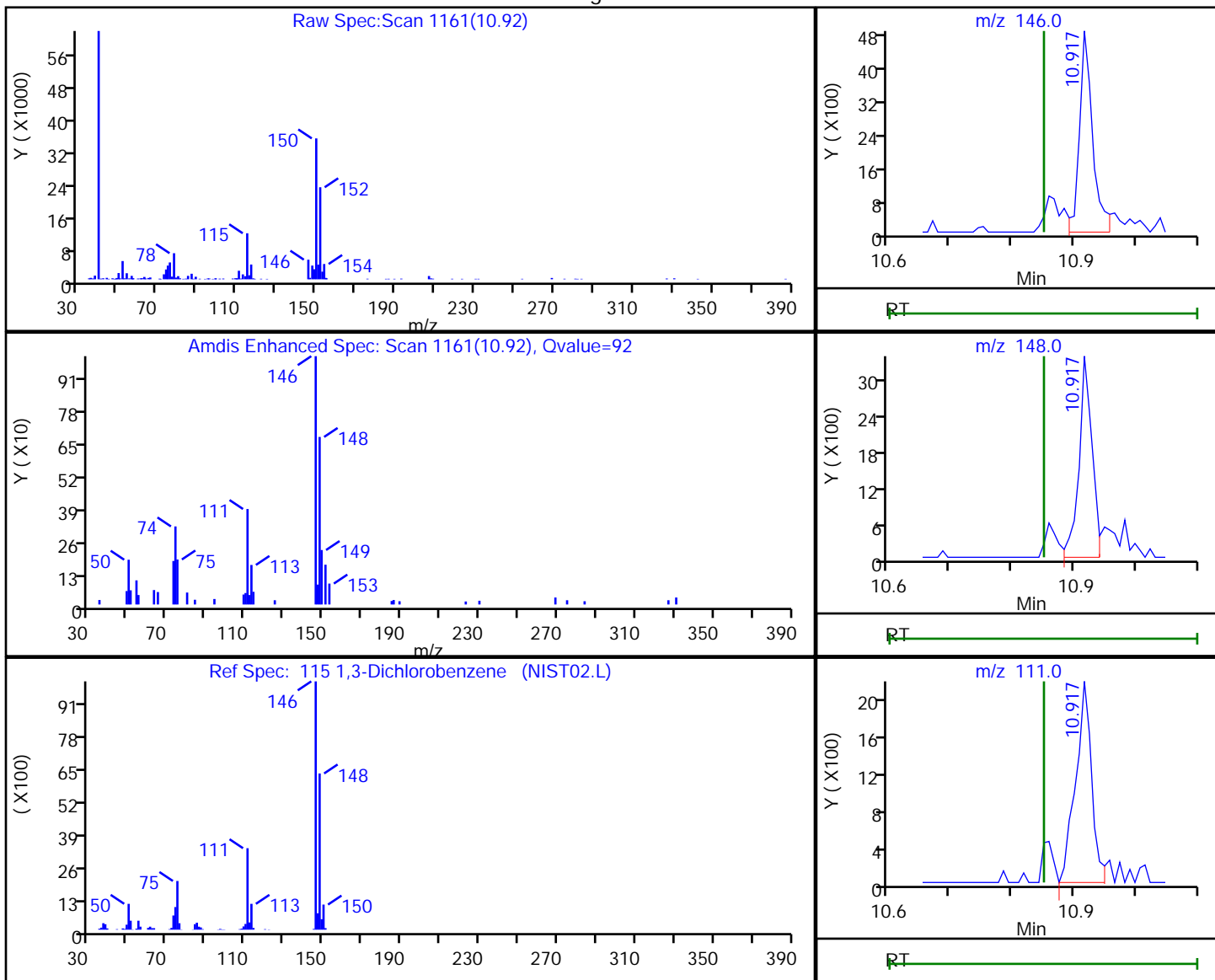


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D  
Injection Date: 29-Oct-2018 11:26:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-4 Lab Sample ID: 460-167890-4  
Client ID: MW-7  
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.92	146.00	7199	0.826674
10.92	148.00	4987	
10.92	111.00	3800	

Reviewer: parekhv, 29-Oct-2018 19:49:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

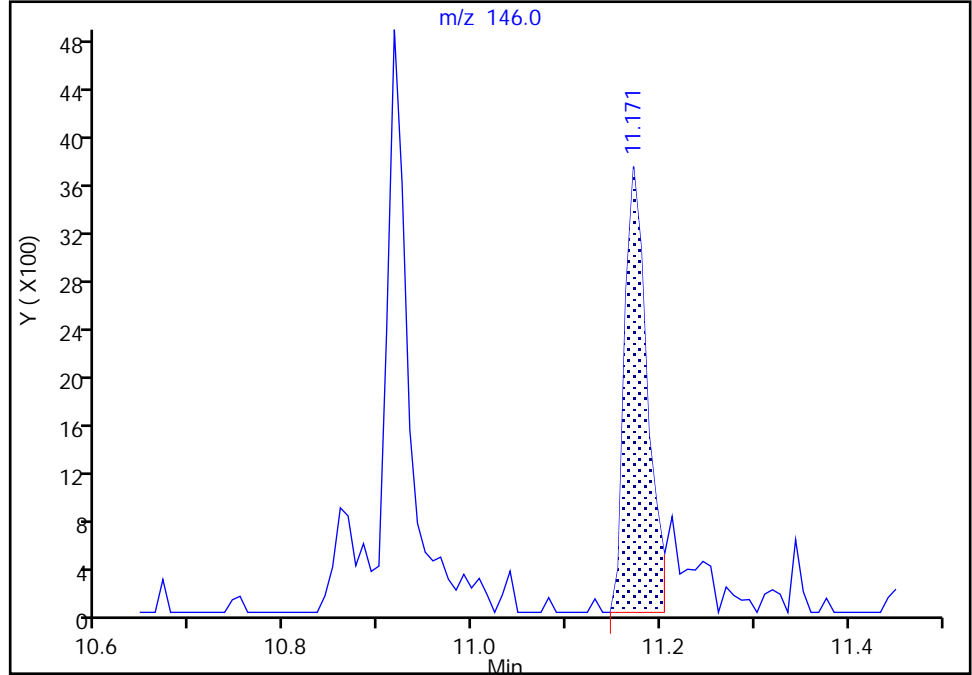
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D  
Injection Date: 29-Oct-2018 11:26:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-4 Lab Sample ID: 460-167890-4  
Client ID: MW-7  
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

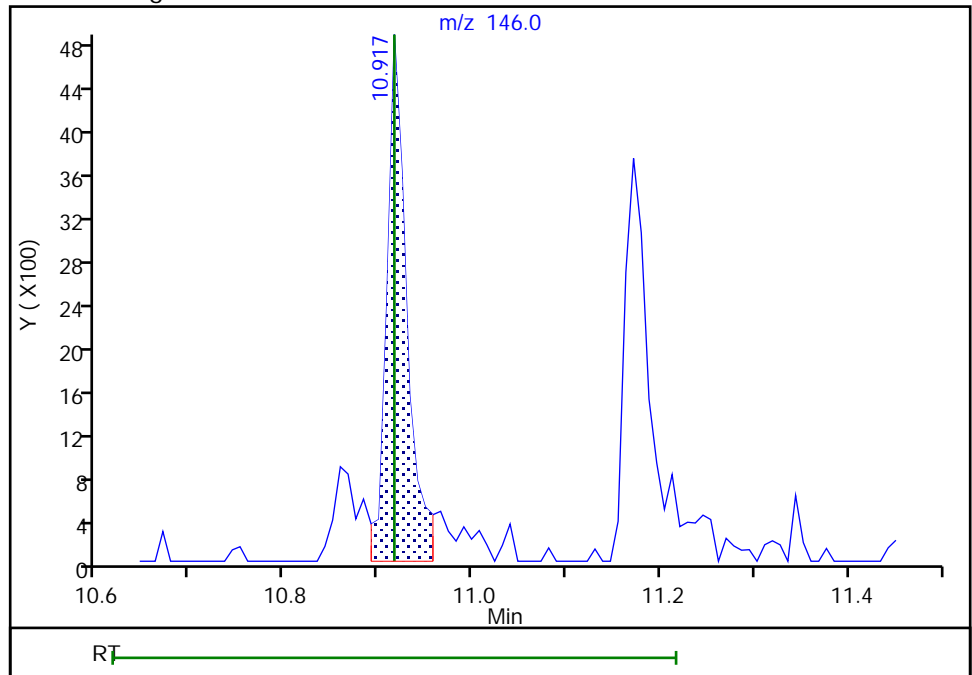
RT: 11.17  
Area: 6195  
Amount: 0.702180  
Amount Units: ug/l

Processing Integration Results



RT: 10.92  
Area: 7199  
Amount: 0.815980  
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 29-Oct-2018 19:49:22  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



TestAmerica Edison

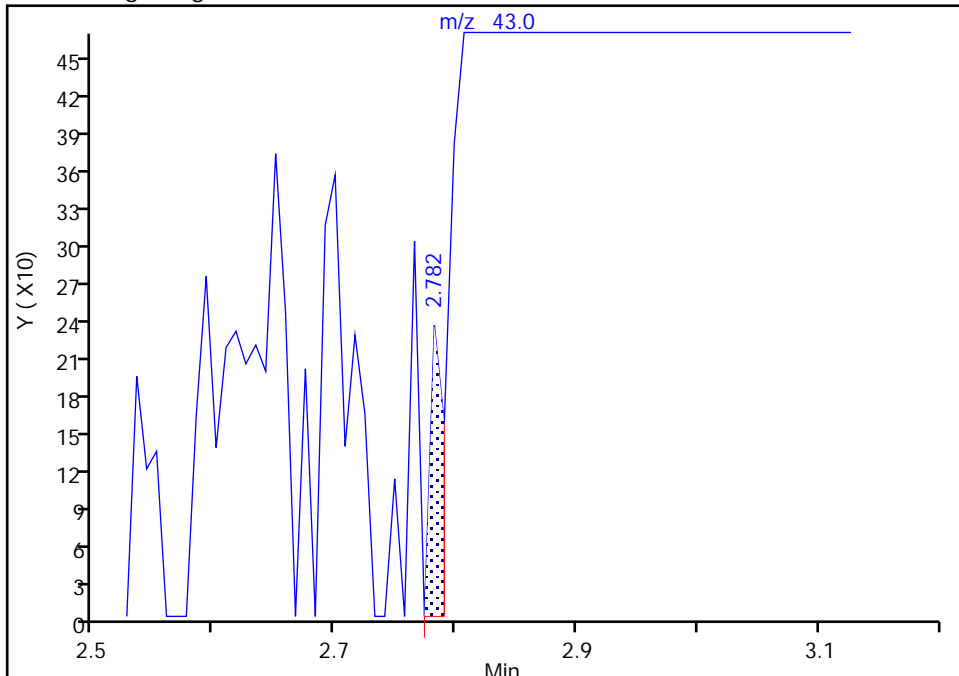
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72891.D  
Injection Date: 29-Oct-2018 11:26:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-4 Lab Sample ID: 460-167890-4  
Client ID: MW-7  
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

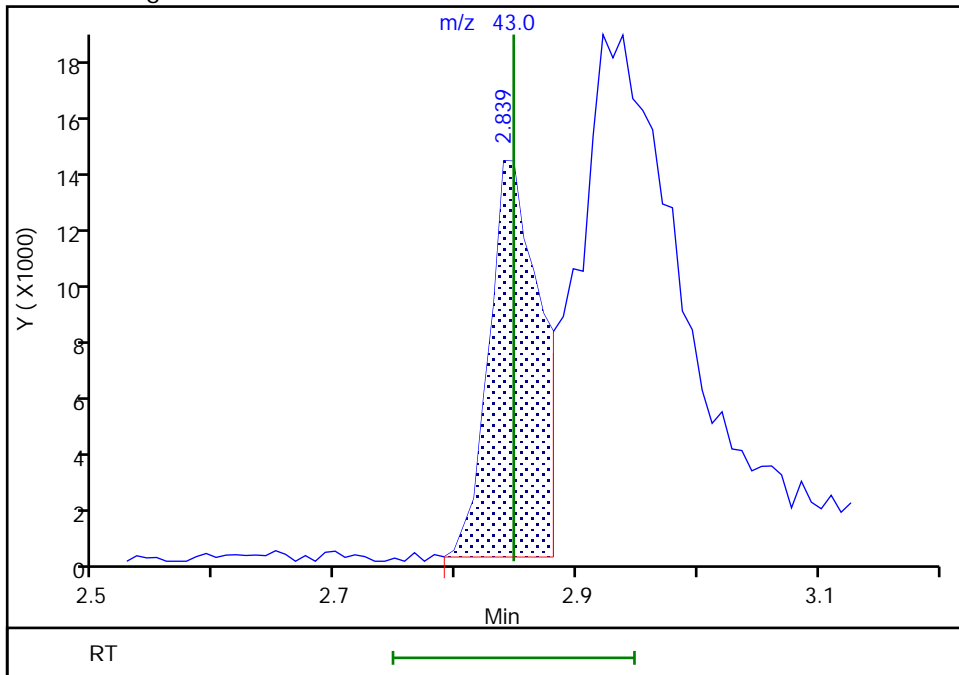
RT: 2.78  
Area: 191  
Amount: 0.168206  
Amount Units: ug/l

Processing Integration Results



RT: 2.84  
Area: 41159  
Amount: 36.450732  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:50:38  
Audit Action: Split an Integrated Peak

Audit Reason: Assign Peak

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-9 Lab Sample ID: 460-167890-5  
 Matrix: Water Lab File ID: F72917.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:11  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 22:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.87
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.23
87-61-6	1,2,3-Trichlorobenzene	2.0	U	2.0	0.71
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.73
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.75
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.86
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.68
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	1.5
78-93-3	2-Butanone (MEK)	10	U	10	3.7
591-78-6	2-Hexanone	10	U	10	5.8
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	5.5
67-64-1	Acetone	45		10	10
71-43-2	Benzene	2.0	U	2.0	0.86
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	2.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.31
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
74-97-5	Chlorobromomethane	2.0	U	2.0	0.82
124-48-1	Chlorodibromomethane	2.0	U	2.0	0.56
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.29
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.91
110-82-7	Cyclohexane	2.0	U	2.0	0.64
75-27-4	Dichlorobromomethane	2.0	U	2.0	0.69
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.24
100-41-4	Ethylbenzene	2.0	U	2.0	0.60

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-9 Lab Sample ID: 460-167890-5  
 Matrix: Water Lab File ID: F72917.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:11  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 22:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	2.0	U	2.0	1.0
98-82-8	Isopropylbenzene	2.0	U	2.0	0.67
79-20-9	Methyl acetate	10	U	10	0.63
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	0.93
108-87-2	Methylcyclohexane	2.0	U	2.0	0.52
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.59
95-47-6	o-Xylene	2.0	U	2.0	0.72
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	650		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.97
79-01-6	Trichloroethene	31		2.0	0.63
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.29
75-01-4	Vinyl chloride	2.0	U	2.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		74-132
460-00-4	4-Bromofluorobenzene	112		77-124
1868-53-7	Dibromofluoromethane (Surr)	118		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D  
 Lims ID: 460-167890-A-5  
 Client ID: MW-9  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 22:57:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 5.000 mL Dil. Factor: 2.0000  
 Sample Info: 460-167890-A-5  
 Misc. Info.: 460-0081094-017  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 12:00:19 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: xuyvo

Date: 31-Oct-2018 12:00:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.856	2.839	0.017	90	24691	22.6	M
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	124441	1000.0	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	107296	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	94782	59.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	85013	53.6	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	324179	50.0	
63 Trichloroethene	95	5.666	5.666	0.000	95	59036	15.4	
* 67 1,4-Dioxane-d8	96	6.019	6.011	0.008	0	7358	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.964	0.008	99	297209	53.5	
83 Tetrachloroethene	166	7.654	7.655	-0.001	96	1200133	325.8	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	209978	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	96	90548	56.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	129213	50.0	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D

Injection Date: 29-Oct-2018 22:57:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-A-5

Lab Sample ID: 460-167890-5

Worklist Smp#: 17

Client ID: MW-9

Purge Vol: 5.000 mL

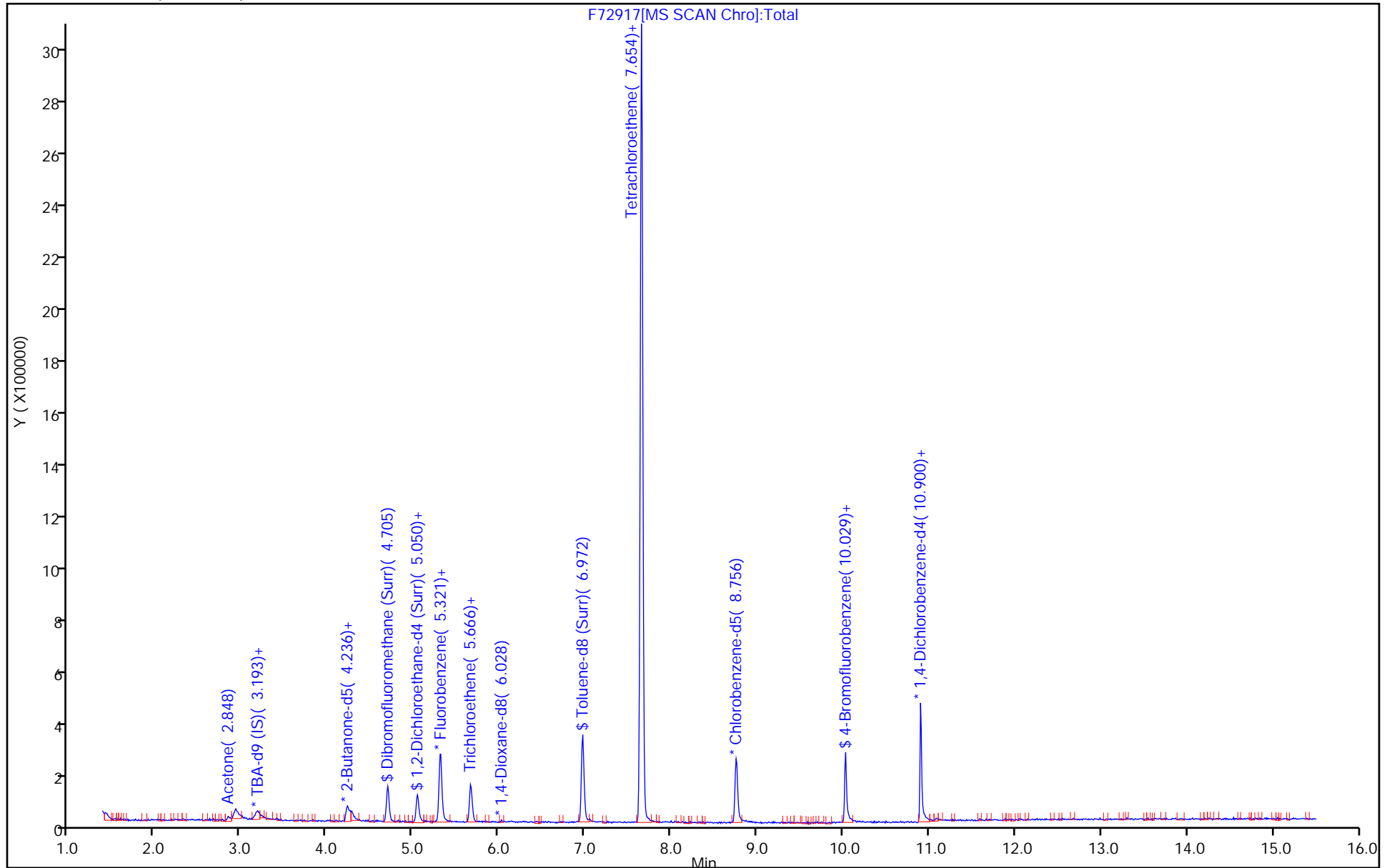
Dil. Factor: 2.0000

ALS Bottle#: 16

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D

Injection Date: 29-Oct-2018 22:57:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-5

Lab Sample ID: 460-167890-5

Client ID: MW-9

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

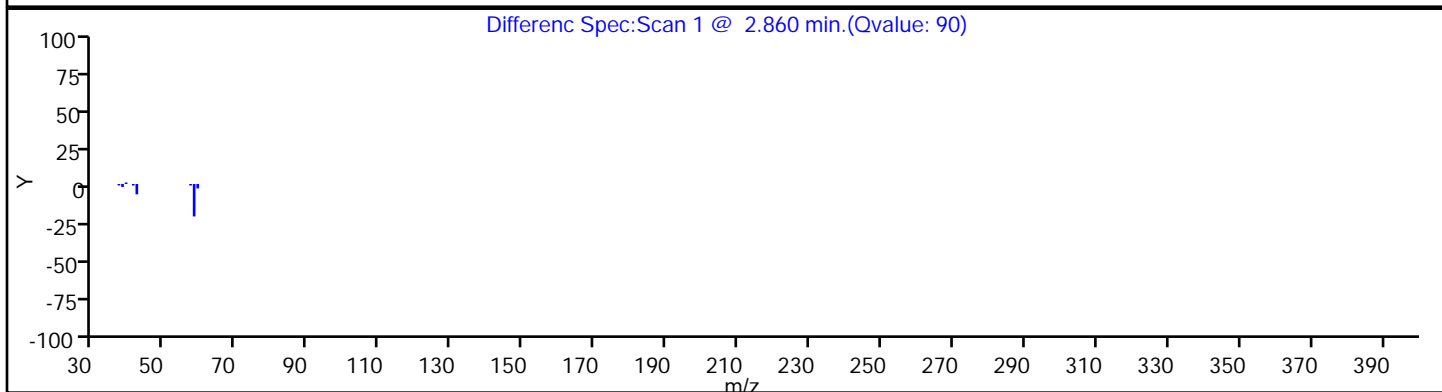
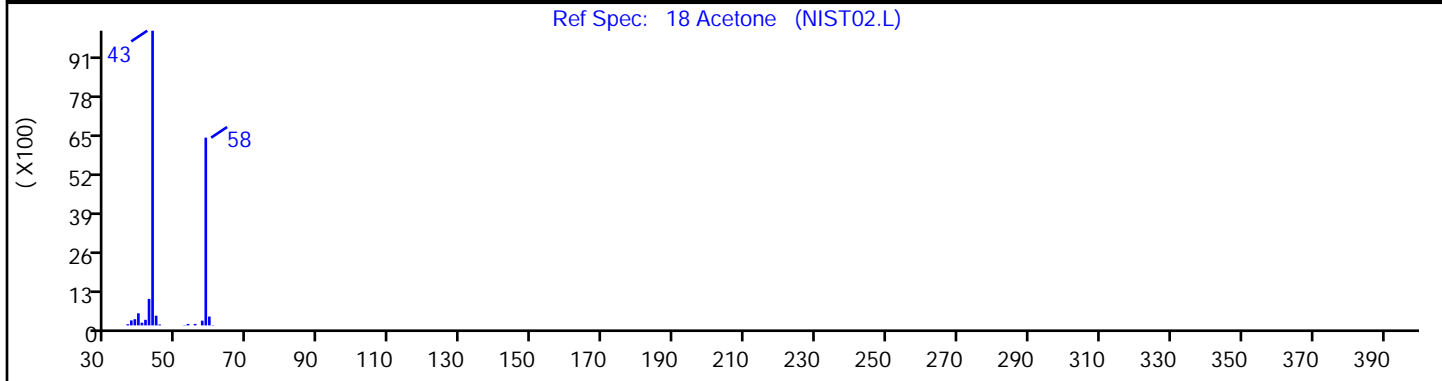
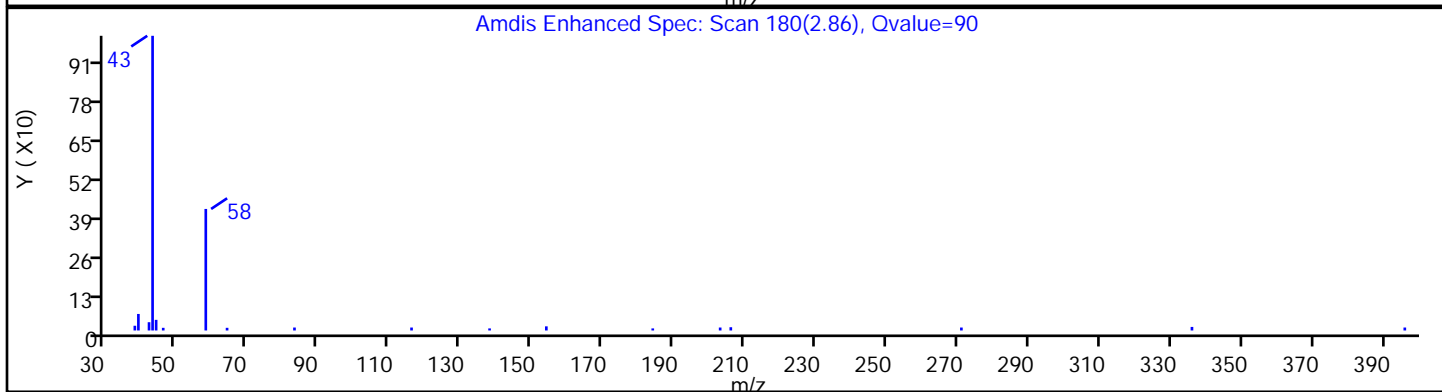
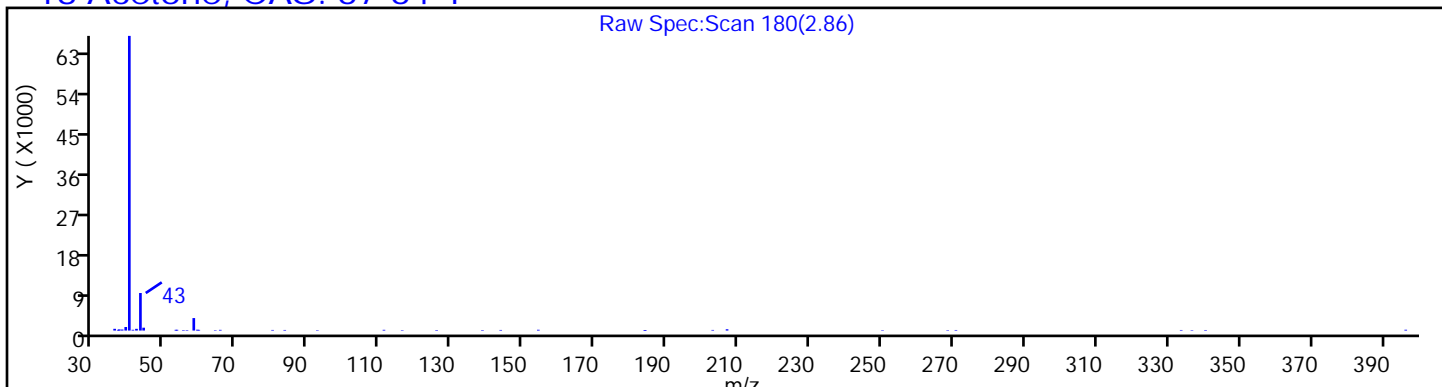
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D

Injection Date: 29-Oct-2018 22:57:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-5

Lab Sample ID: 460-167890-5

Client ID: MW-9

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

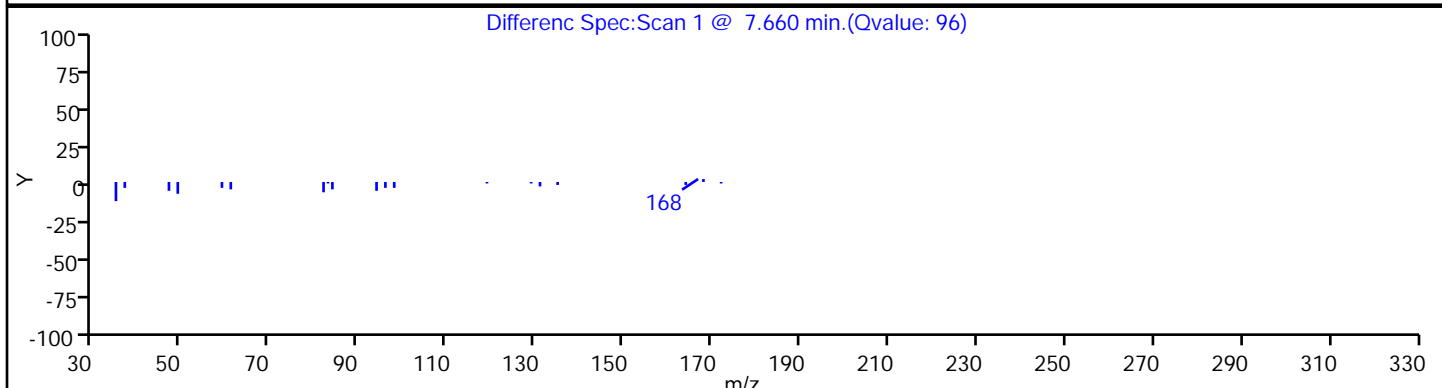
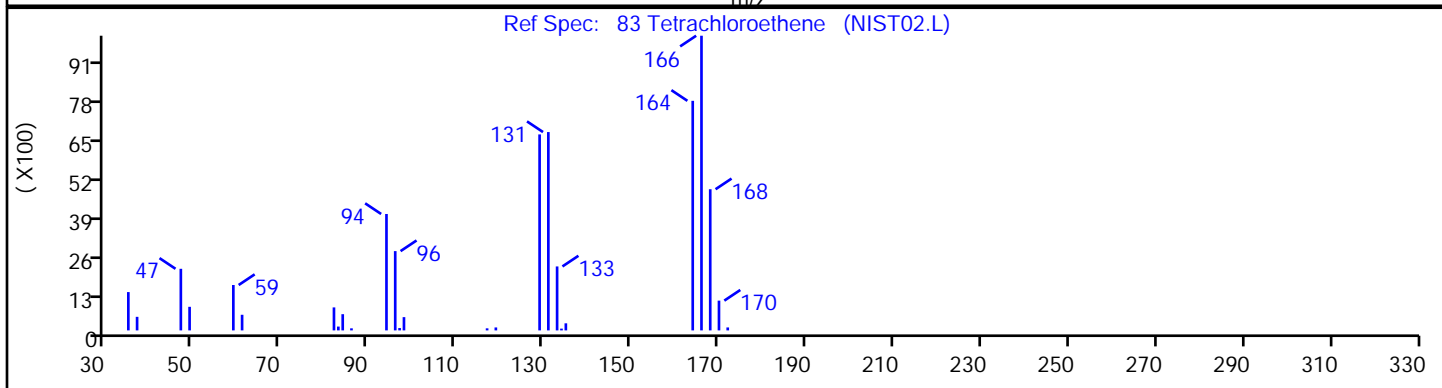
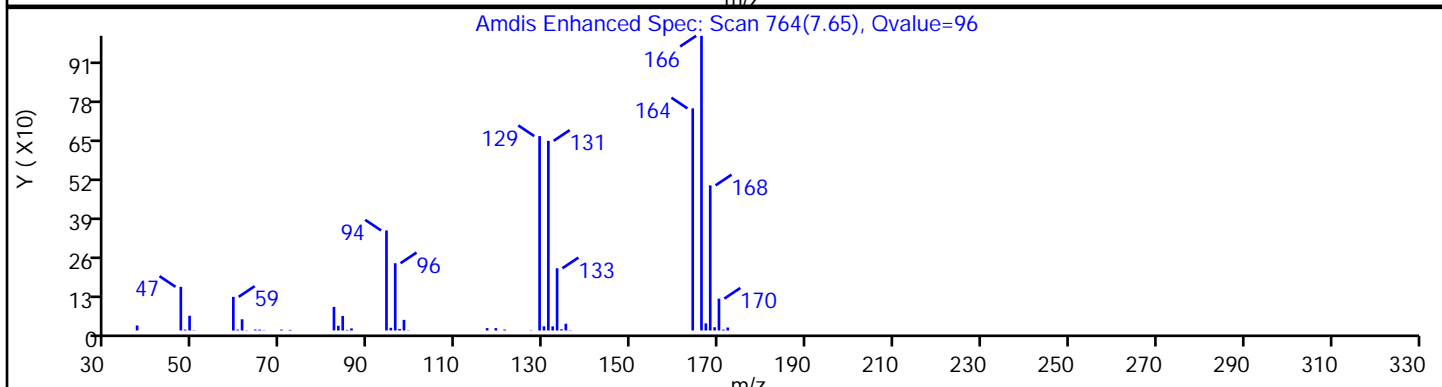
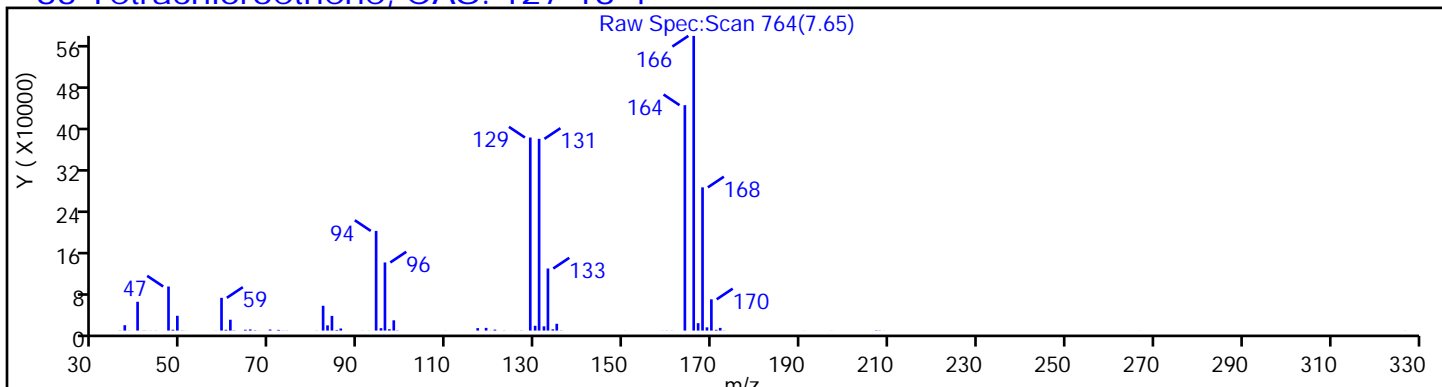
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D

Injection Date: 29-Oct-2018 22:57:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-5

Lab Sample ID: 460-167890-5

Client ID: MW-9

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

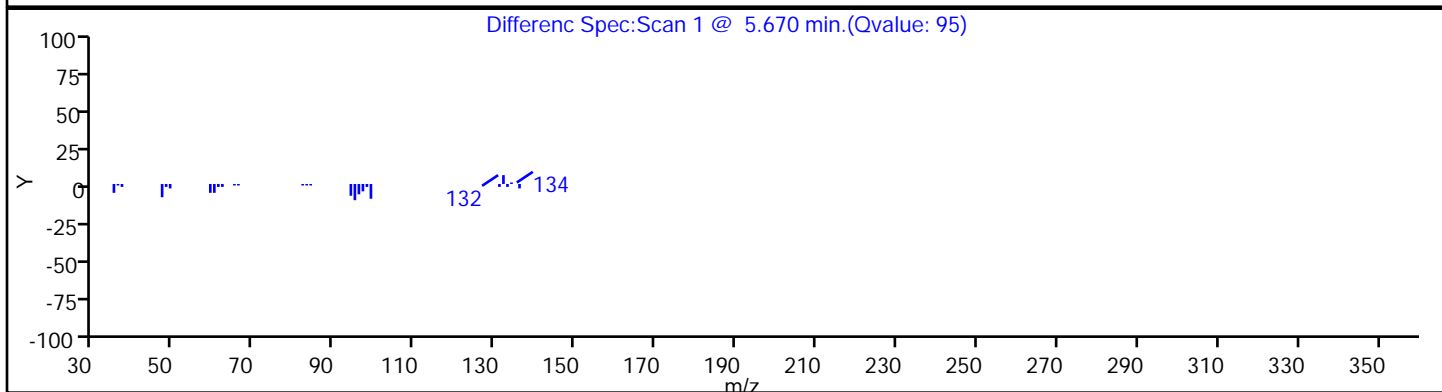
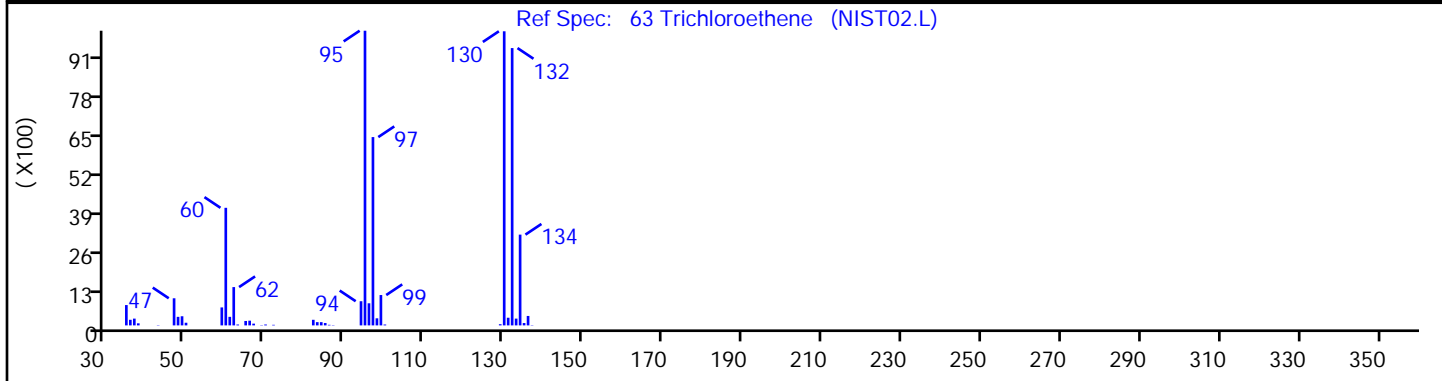
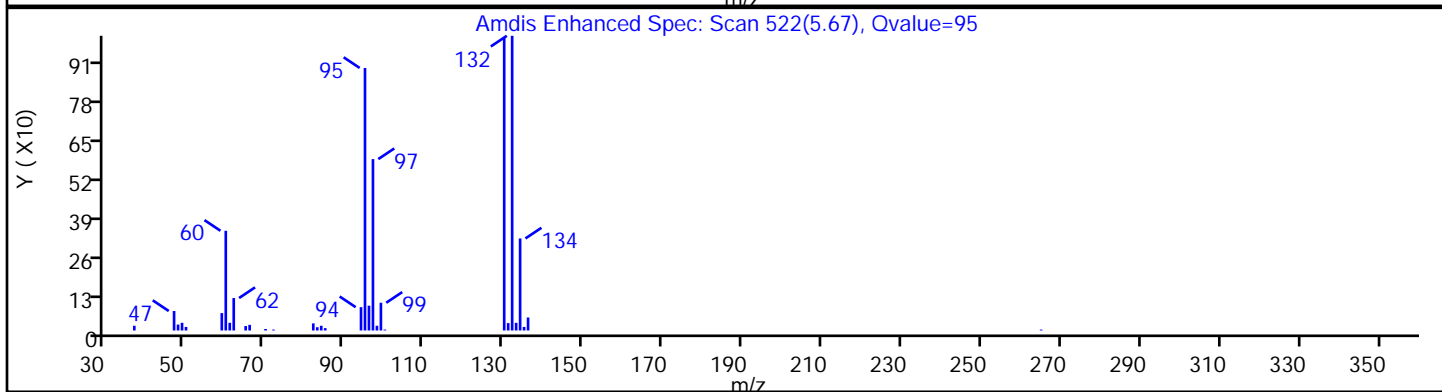
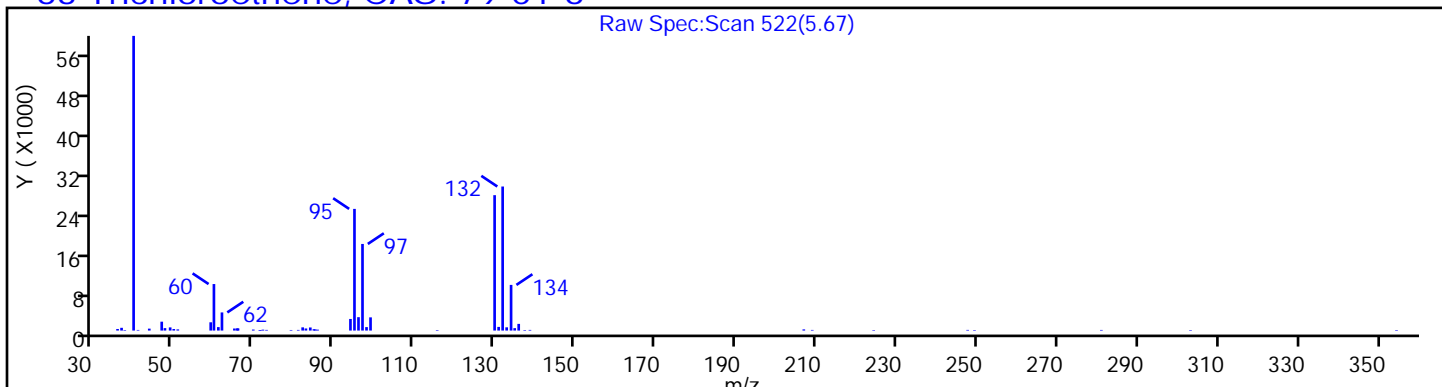
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6



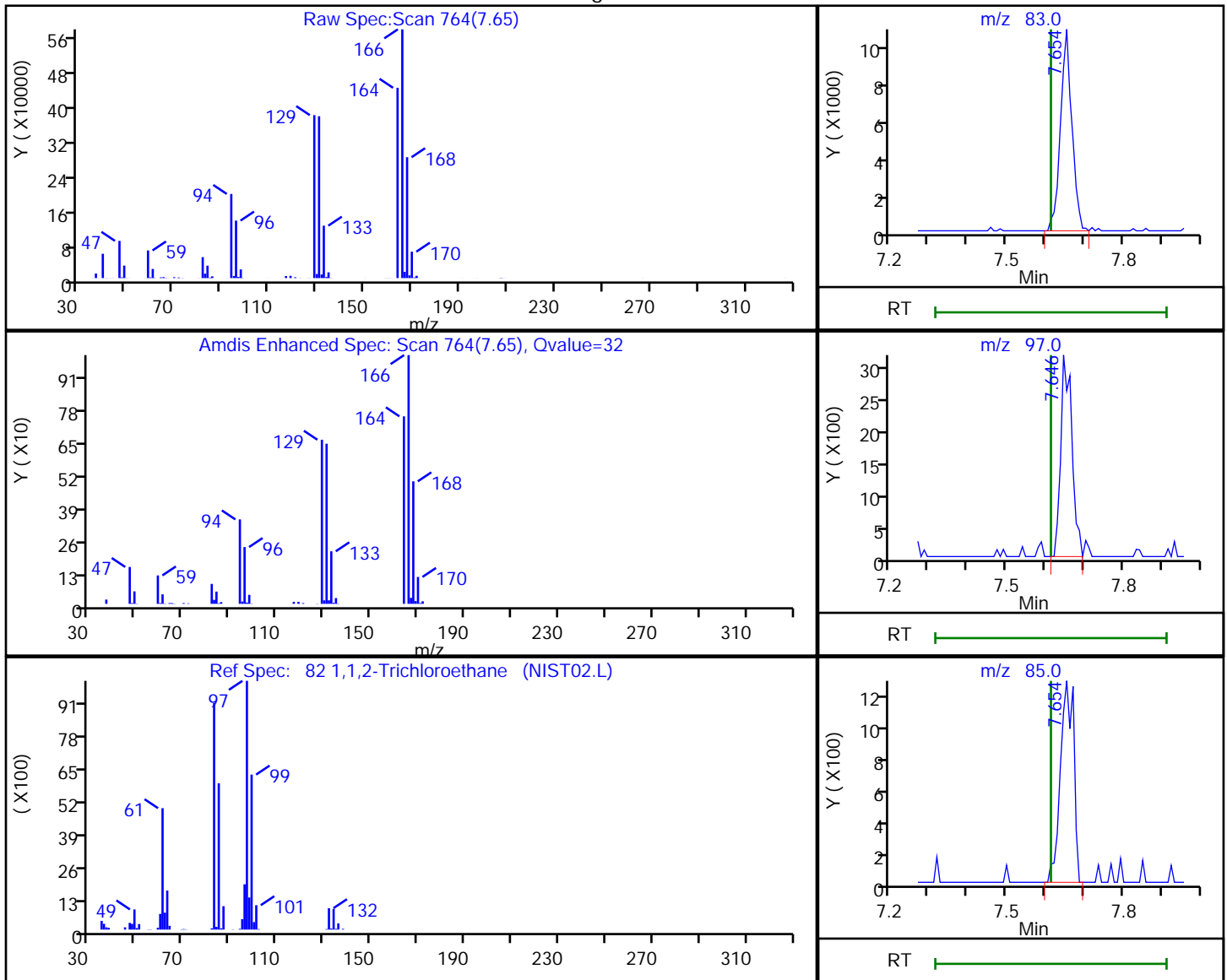


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D  
 Injection Date: 29-Oct-2018 22:57:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-A-5 Lab Sample ID: 460-167890-5  
 Client ID: MW-9  
 Operator ID: ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 5.000 mL Dil. Factor: 2.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.65	83.00	20730	7.796572
7.65	97.00	6339	
7.65	85.00	2925	

Reviewer: tupayachia, 30-Oct-2018 03:53:33  
 Audit Action: Marked Compound Undetected

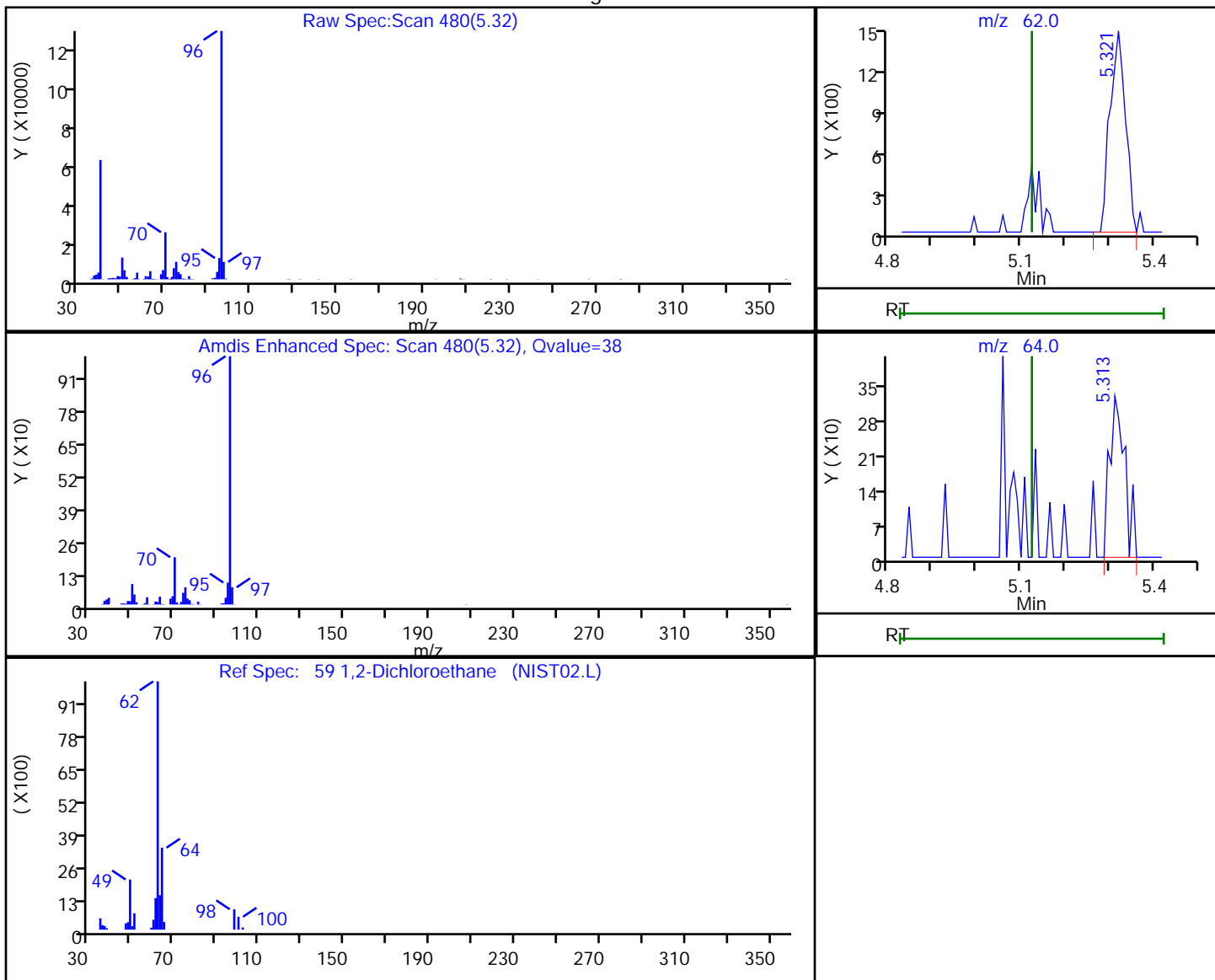
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D  
Injection Date: 29-Oct-2018 22:57:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-A-5 Lab Sample ID: 460-167890-5  
Client ID: MW-9  
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.32	62.00	3436	0.802686
5.31	64.00	779	

Reviewer: tupayachia, 30-Oct-2018 03:52:53  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

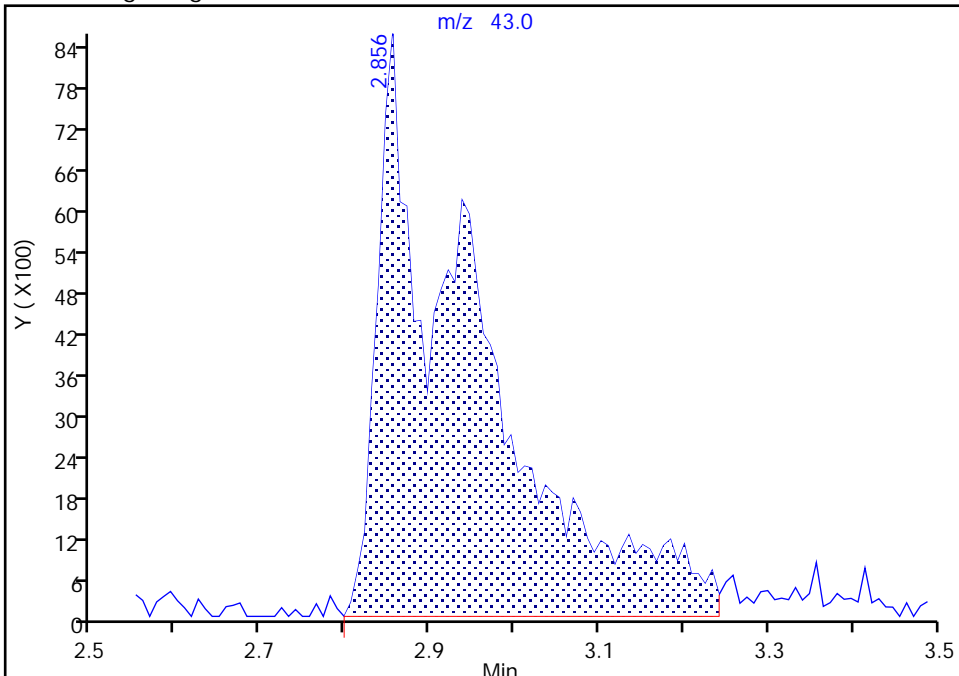
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D  
Injection Date: 29-Oct-2018 22:57:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-A-5 Lab Sample ID: 460-167890-5  
Client ID: MW-9  
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

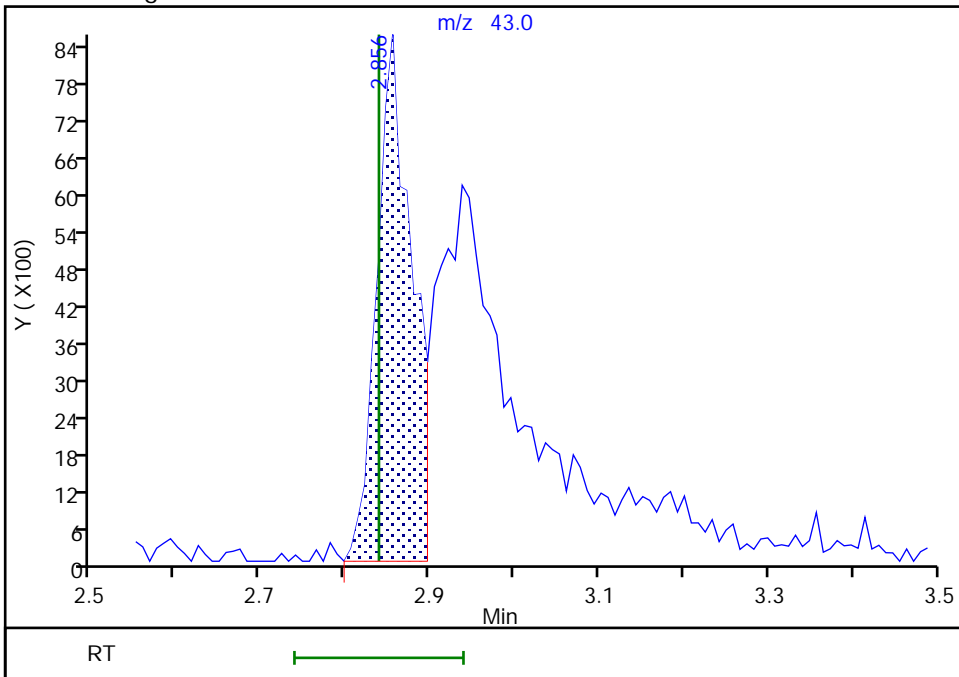
RT: 2.86  
Area: 68297  
Amount: 63.009574  
Amount Units: ug/l

Processing Integration Results



RT: 2.86  
Area: 24691  
Amount: 22.637393  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 31-Oct-2018 11:59:52  
Audit Action: Split an Integrated Peak

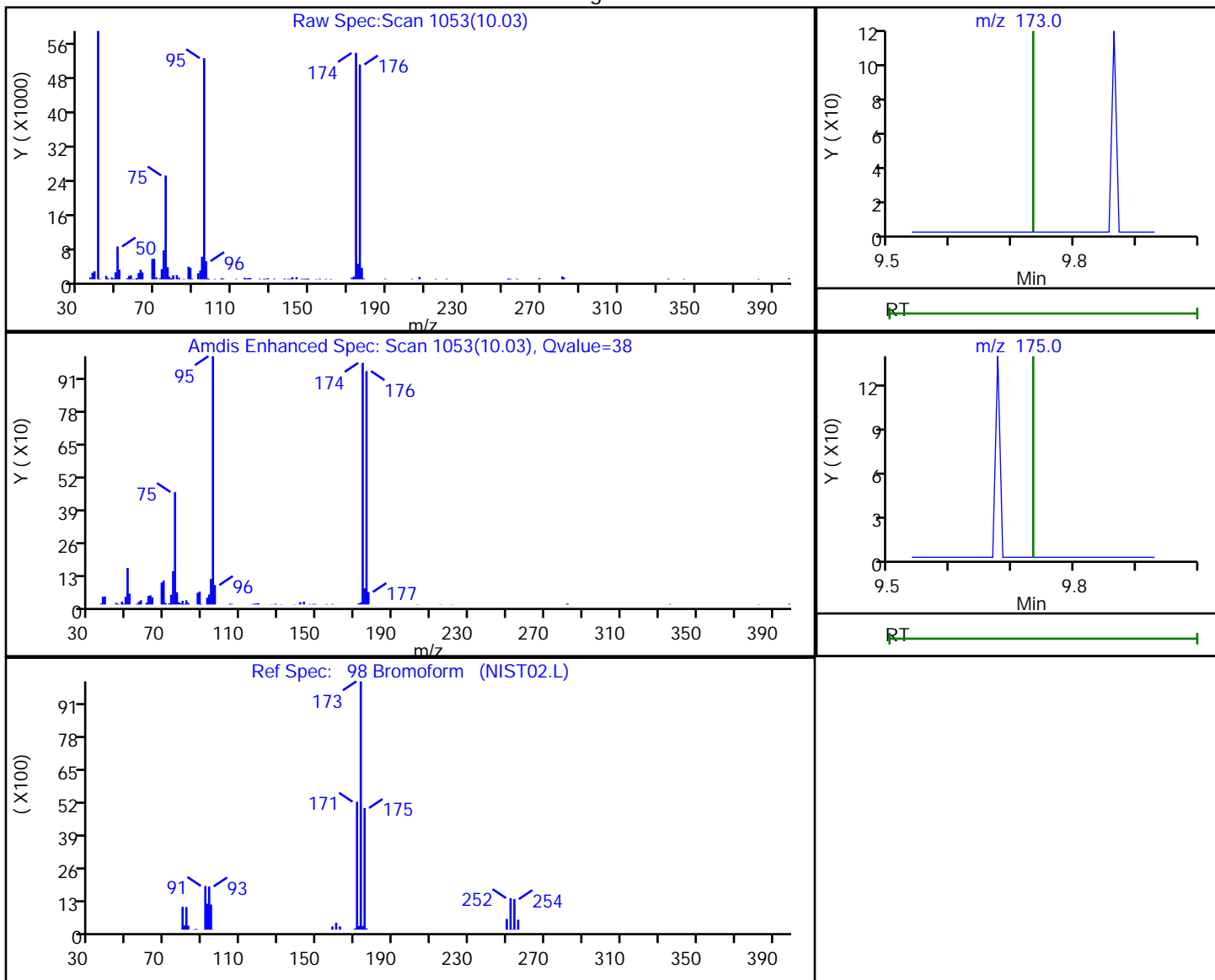
Audit Reason: Shouldering  
Page 123 of 520

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72917.D  
Injection Date: 29-Oct-2018 22:57:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-A-5 Lab Sample ID: 460-167890-5  
Client ID: MW-9  
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.03	173.00	629	0.305050
10.03	175.00	6895	

Reviewer: tupayachia, 30-Oct-2018 03:53:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 Lab Sample ID: 460-167890-6  
 Matrix: Water Lab File ID: F72882.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 07:53  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	34		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 Lab Sample ID: 460-167890-6  
 Matrix: Water Lab File ID: F72882.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 07:53  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	11		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.4		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	117		77-124
1868-53-7	Dibromofluoromethane (Surr)	119		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D  
 Lims ID: 460-167890-B-6  
 Client ID: MW-10  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 07:53:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-6  
 Misc. Info.: 460-0081059-012  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:38:15 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:45:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.848	2.848	0.000	73	39532	33.9	Ma
20 Isopropyl alcohol	45	2.954	2.963	-0.009	100	499818	2419.9	
* 26 TBA-d9 (IS)	65	3.209	3.201	0.008	0	134243	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	114890	250.0	
42 Ethyl acetate	70	4.277	4.277	0.000	99	8618	28.2	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	88059	59.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	76839	52.4	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	300093	50.0	
63 Trichloroethene	95	5.666	5.666	0.000	97	5059	1.43	
* 67 1,4-Dioxane-d8	96	6.019	6.028	-0.009	0	12136	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.008	100	275490	53.1	
83 Tetrachloroethene	166	7.655	7.663	-0.008	97	38995	11.3	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	196204	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	96	88558	58.6	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	116863	50.0	

**QC Flag Legend**

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D

Injection Date: 29-Oct-2018 07:53:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-6

Lab Sample ID: 460-167890-6

Worklist Smp#: 12

Client ID: MW-10

Purge Vol: 5.000 mL

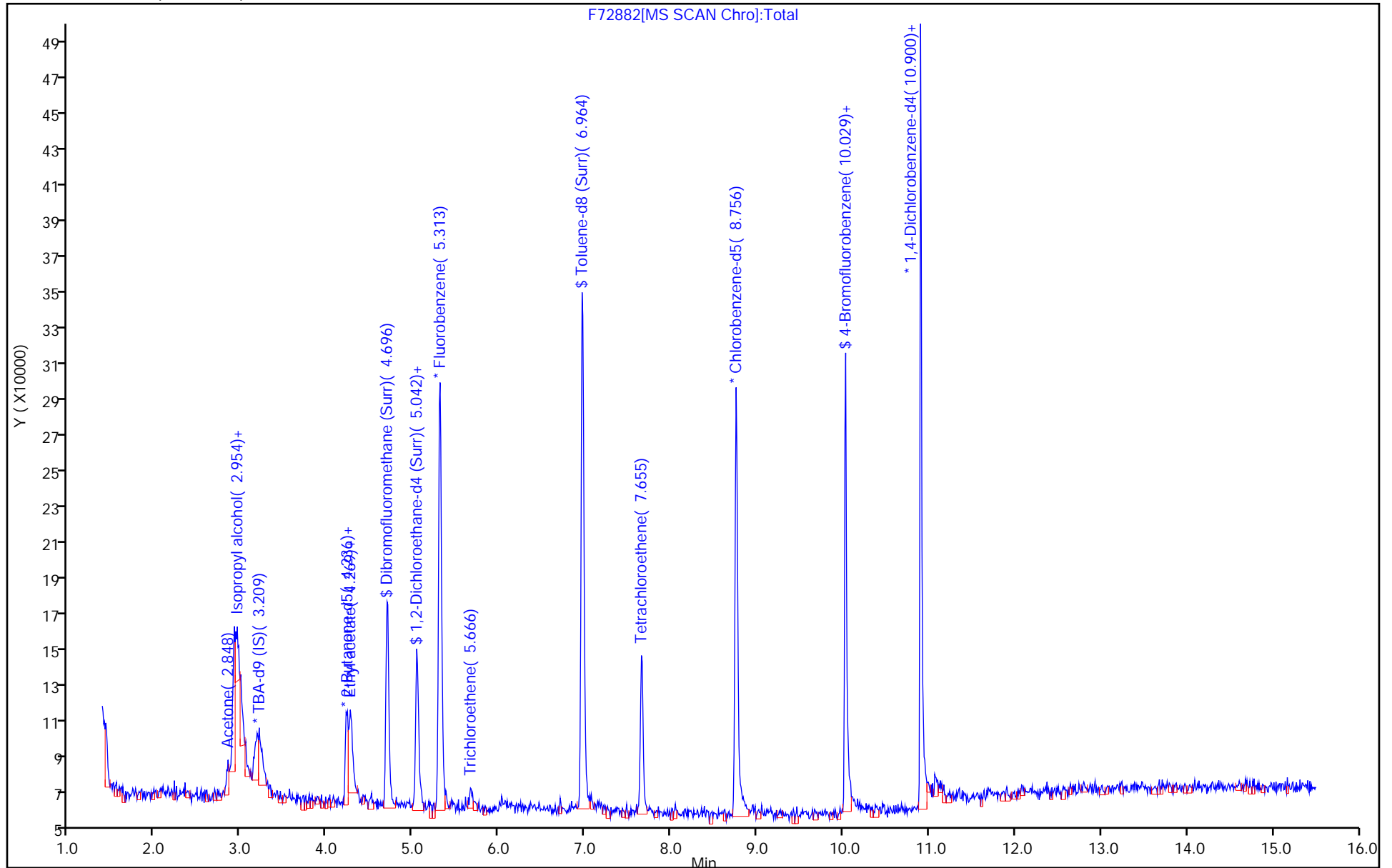
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)





TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D

Injection Date: 29-Oct-2018 07:53:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-6

Lab Sample ID: 460-167890-6

Client ID: MW-10

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

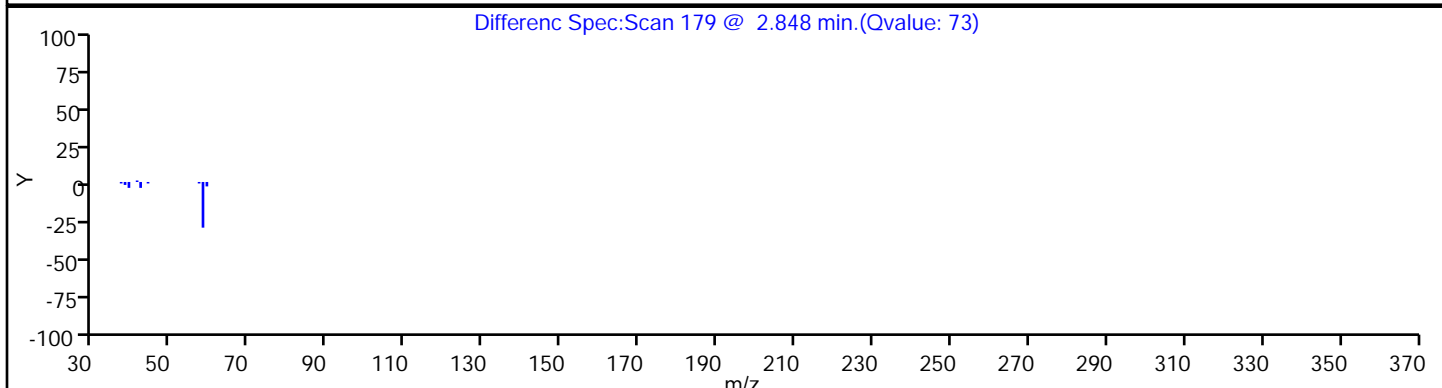
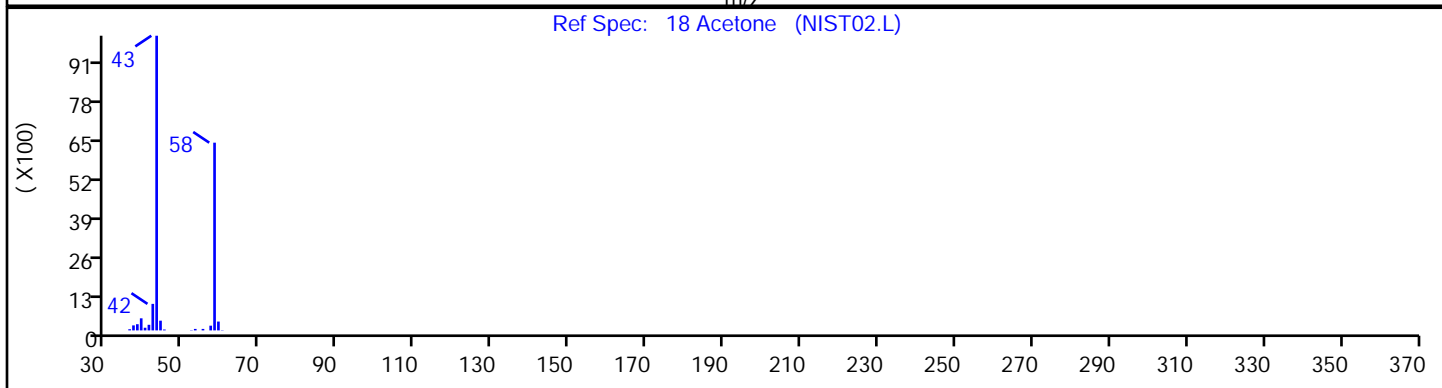
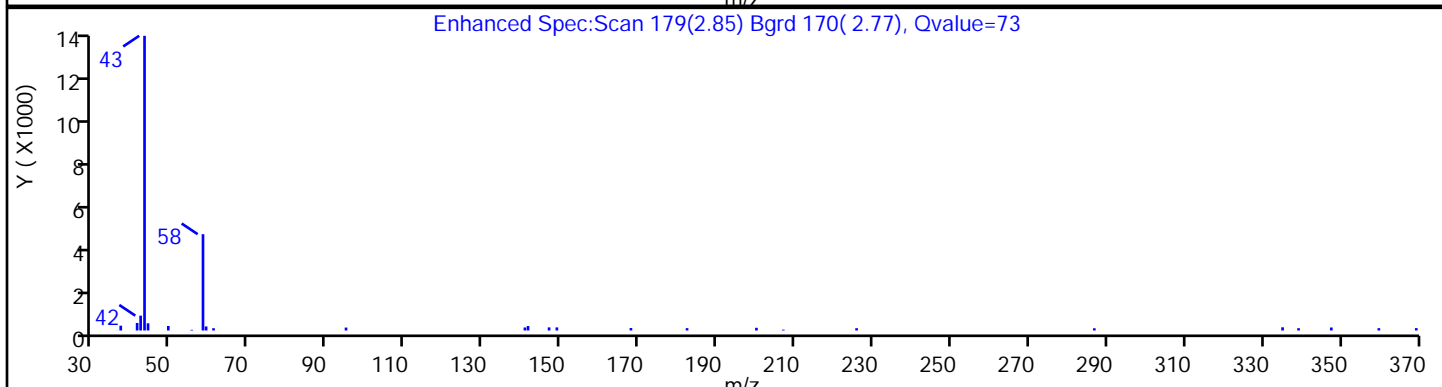
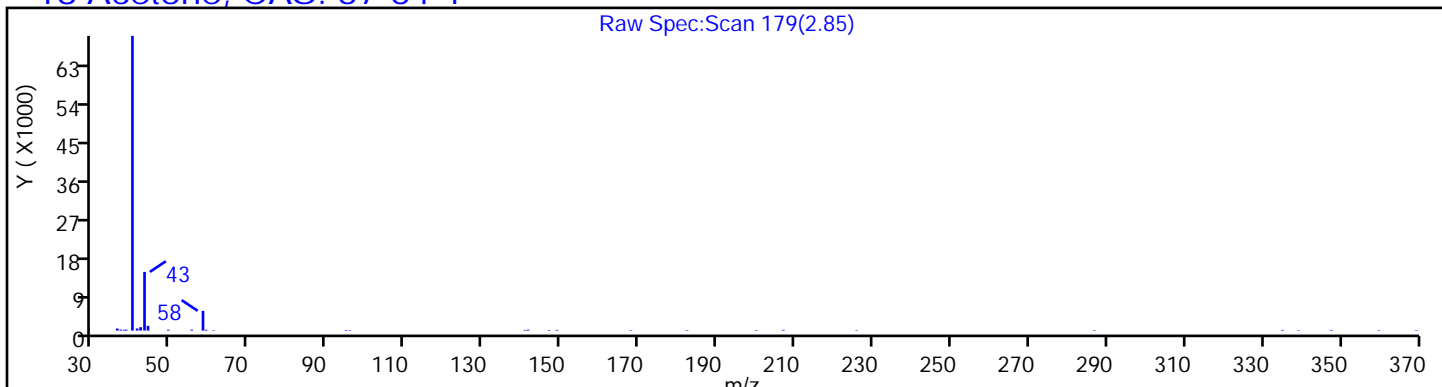
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D

Injection Date: 29-Oct-2018 07:53:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-6

Lab Sample ID: 460-167890-6

Client ID: MW-10

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

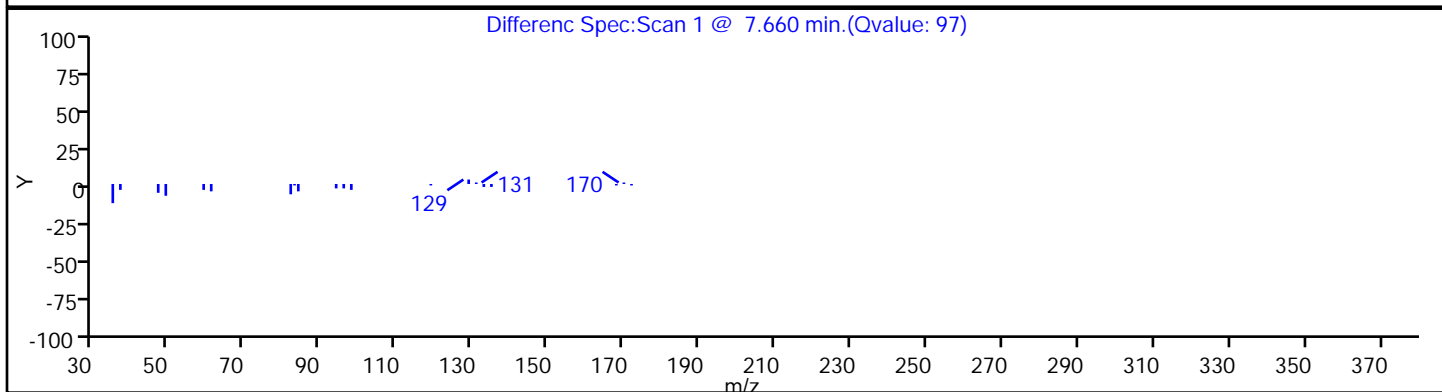
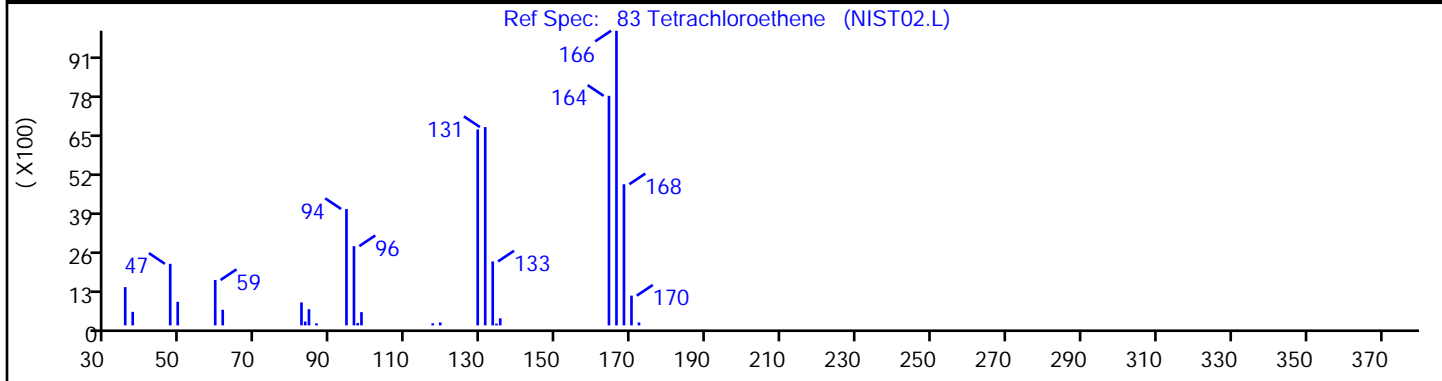
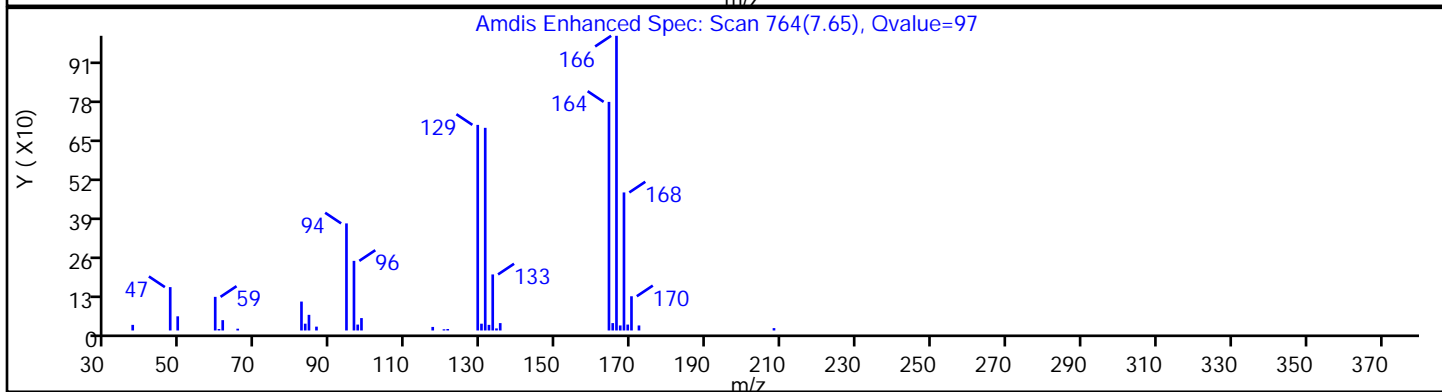
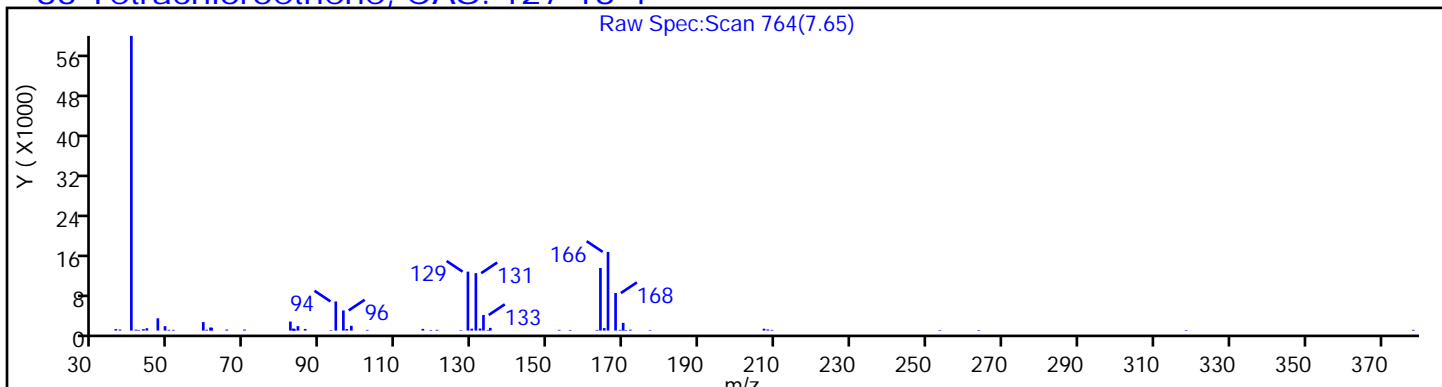
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D

Injection Date: 29-Oct-2018 07:53:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-6

Lab Sample ID: 460-167890-6

Client ID: MW-10

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

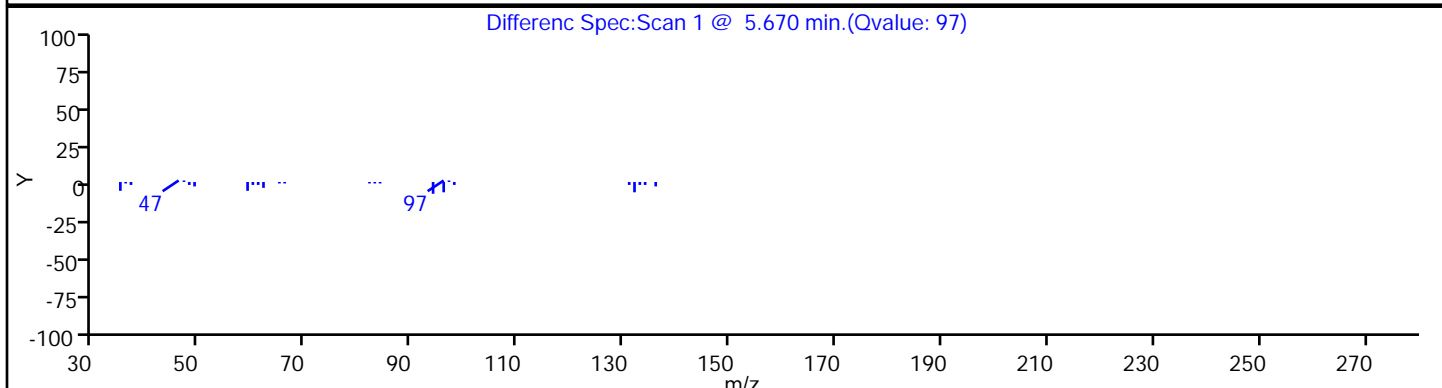
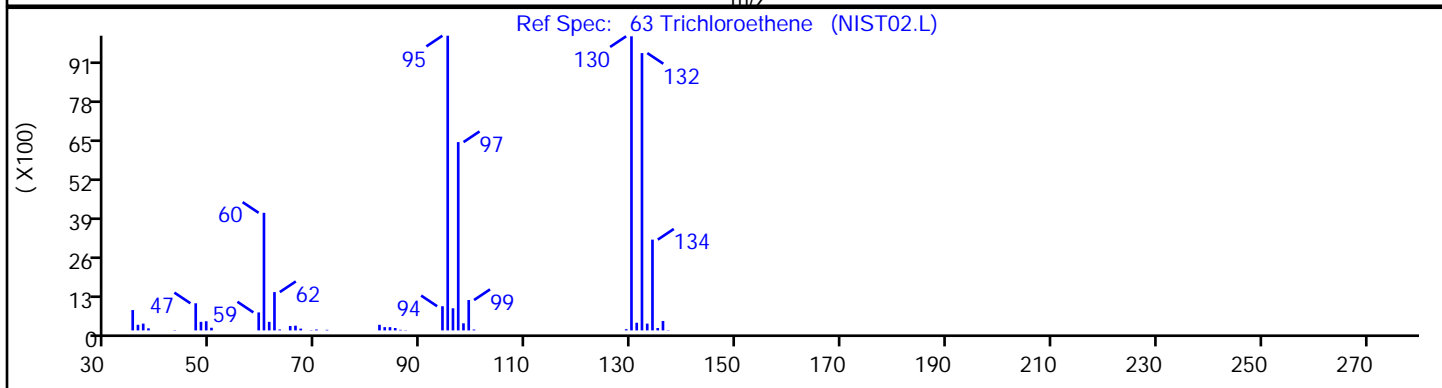
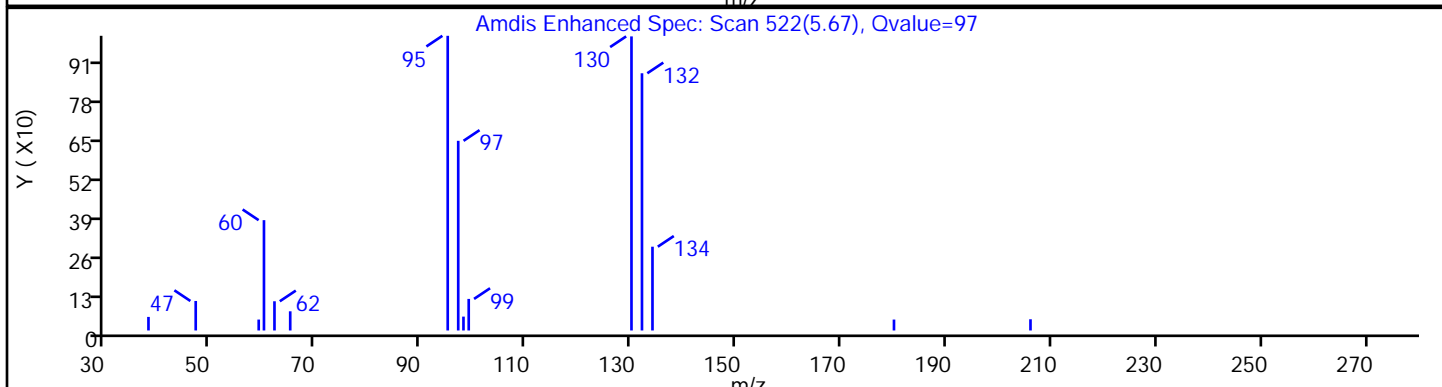
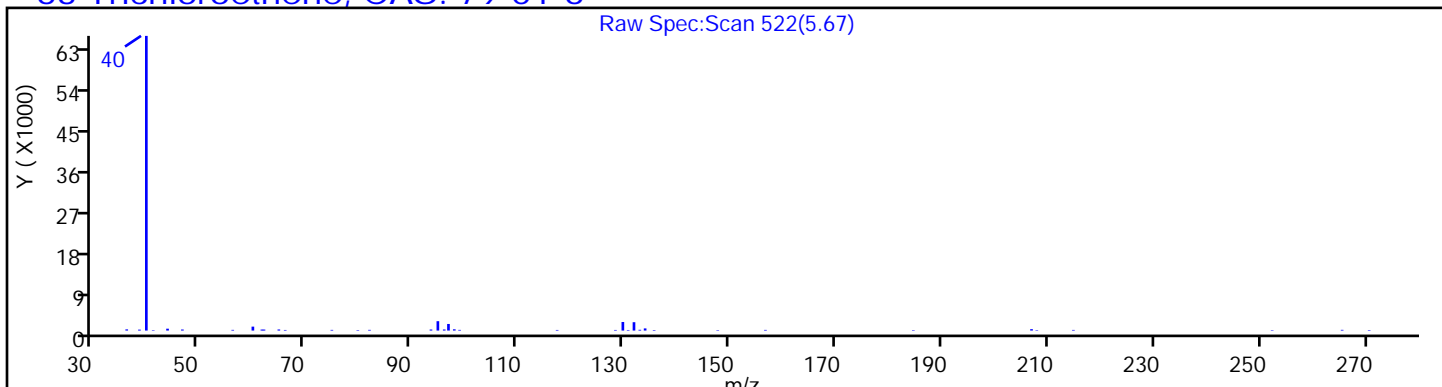
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6

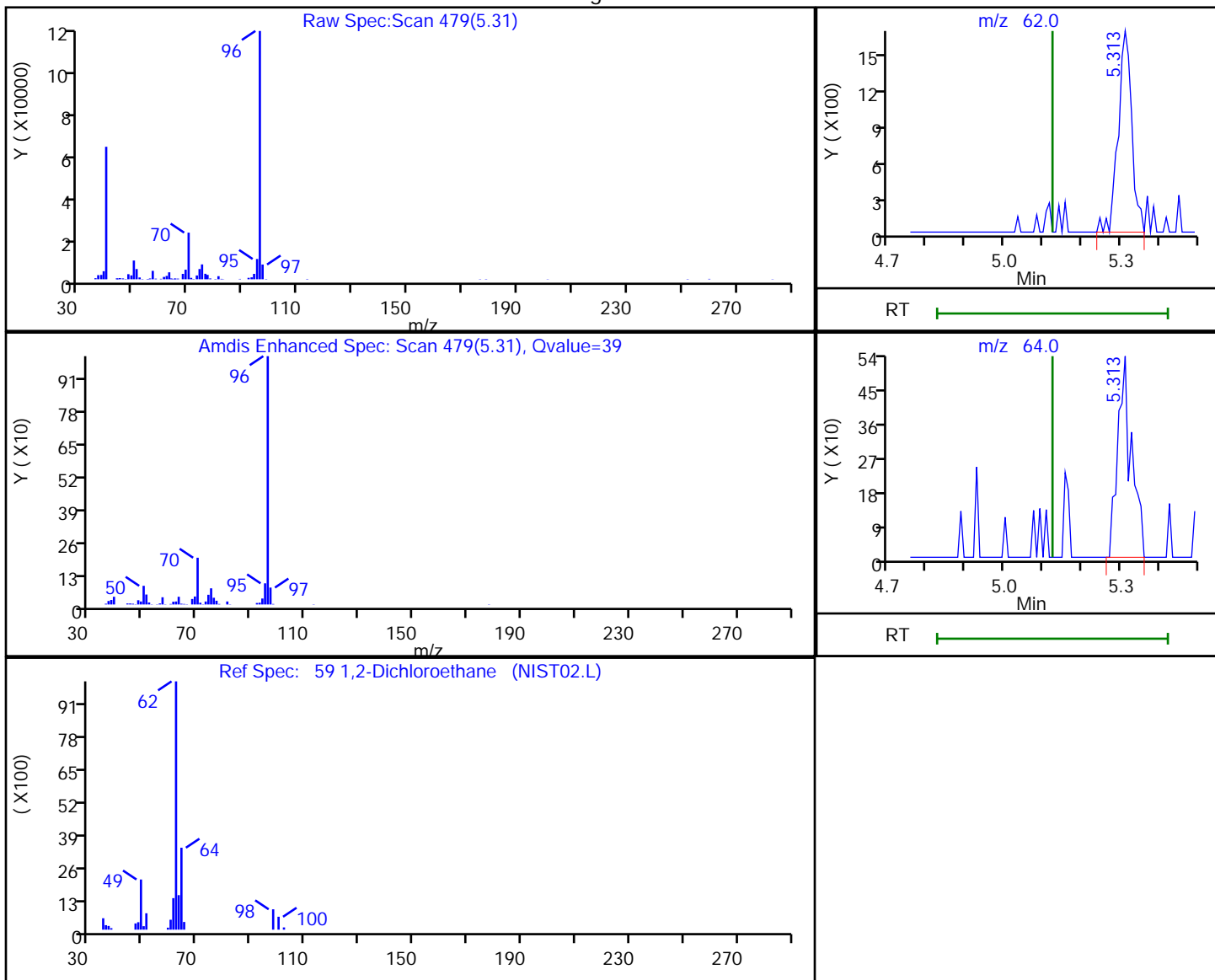


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D  
Injection Date: 29-Oct-2018 07:53:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-6 Lab Sample ID: 460-167890-6  
Client ID: MW-10  
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.31	62.00	3988	1.006414
5.31	64.00	1320	

Reviewer: parekhv, 29-Oct-2018 19:44:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

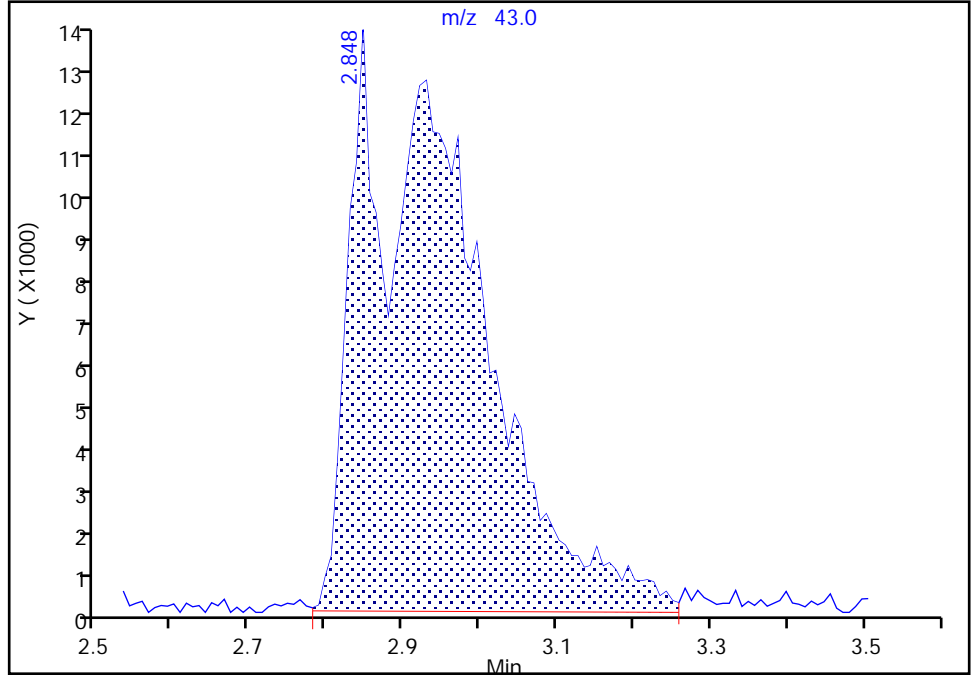
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Injection Date: 29-Oct-2018 07:53:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-6 Lab Sample ID: 460-167890-6  
Client ID: MW-10  
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

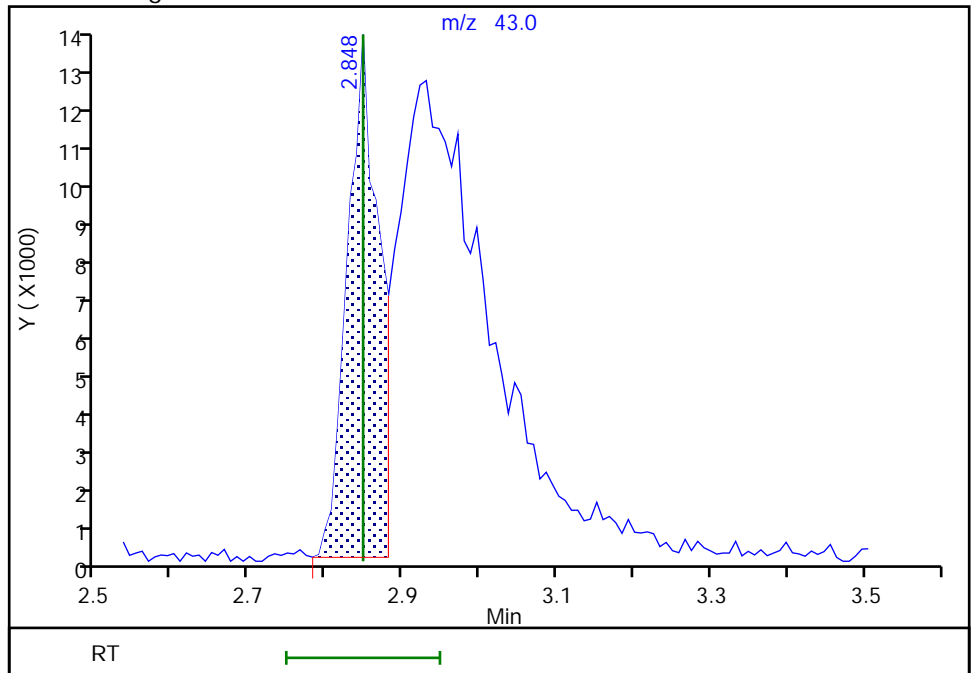
RT: 2.85  
Area: 145444  
Amount: 126.5652  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 39532  
Amount: 33.907410  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:37:32  
Audit Action: Split an Integrated Peak

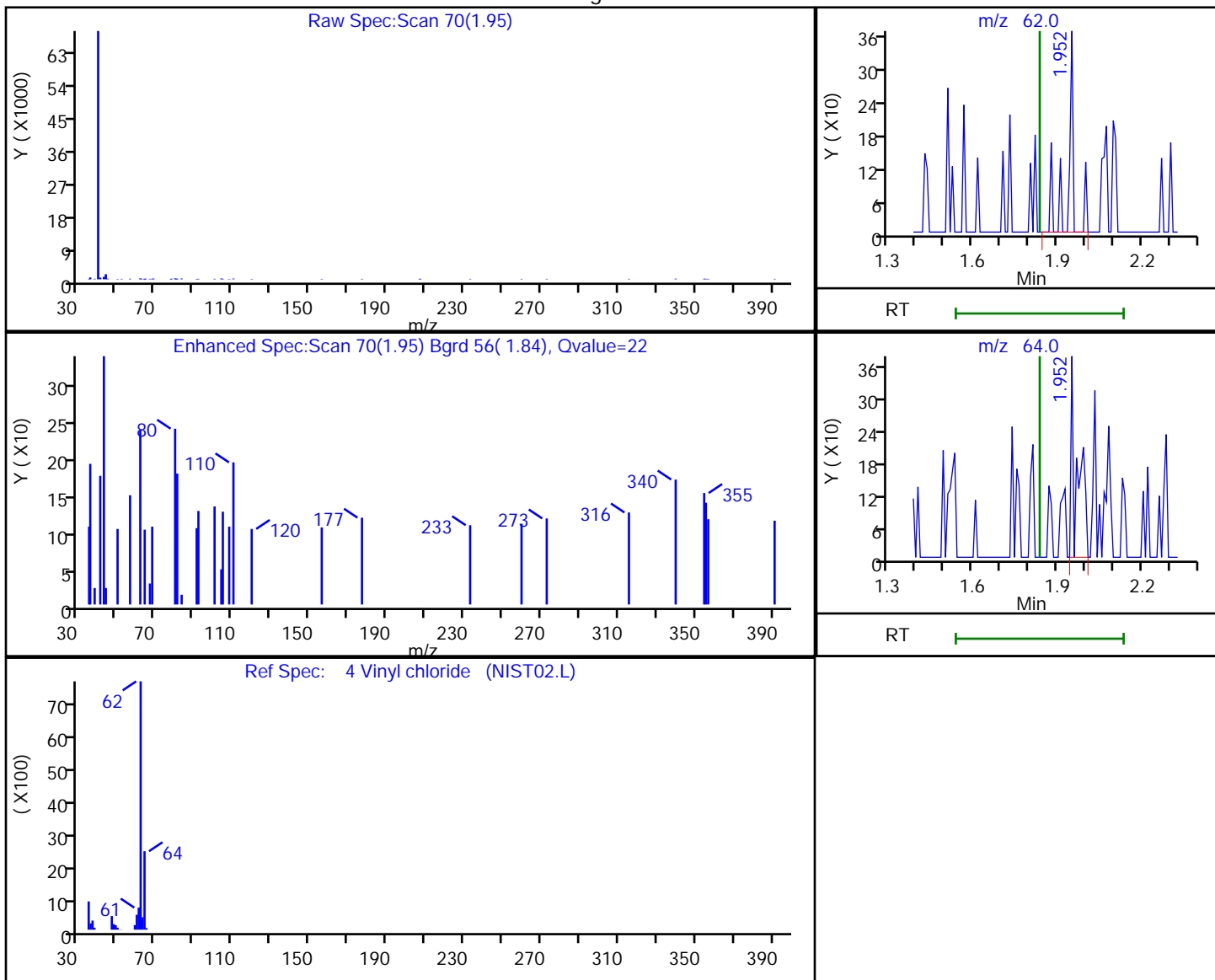
Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72882.D  
Injection Date: 29-Oct-2018 07:53:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-6 Lab Sample ID: 460-167890-6  
Client ID: MW-10  
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.95	62.00	456	0.064710
1.95	64.00	591	

Reviewer: parekhv, 29-Oct-2018 19:44:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-12 Lab Sample ID: 460-167890-7  
 Matrix: Water Lab File ID: F72909.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:11  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 19:48  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.5		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-12 Lab Sample ID: 460-167890-7  
 Matrix: Water Lab File ID: F72909.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:11  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 19:48  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.30	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	123		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	114		80-120



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D  
 Lims ID: 460-167890-A-7  
 Client ID: MW-12  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 19:48:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-A-7  
 Misc. Info.: 460-0081094-009  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 12:00:19 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: parekhv Date: 29-Oct-2018 21:17:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.176	3.201	-0.025	0	120952	1000.0	
* 38 2-Butanone-d5	46	4.220	4.228	-0.008	0	114312	250.0	
48 Chloroform	83	4.549	4.549	0.000	98	11511	1.52	
\$ 51 Dibromofluoromethane (Surr	113	4.696	4.705	-0.009	98	97925	58.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	83296	49.9	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	341193	50.0	
* 67 1,4-Dioxane-d8	96	6.036	6.011	0.025	0	10016	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	100	300137	56.8	
83 Tetrachloroethene	166	7.663	7.655	0.008	53	1036	0.2959	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	199571	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	97	94727	61.6	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	128177	50.0	

Reagents:

VOA6IS/SURR\_00013 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D

Injection Date: 29-Oct-2018 19:48:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-A-7

Lab Sample ID: 460-167890-7

Worklist Smp#: 9

Client ID: MW-12

Purge Vol: 5.000 mL

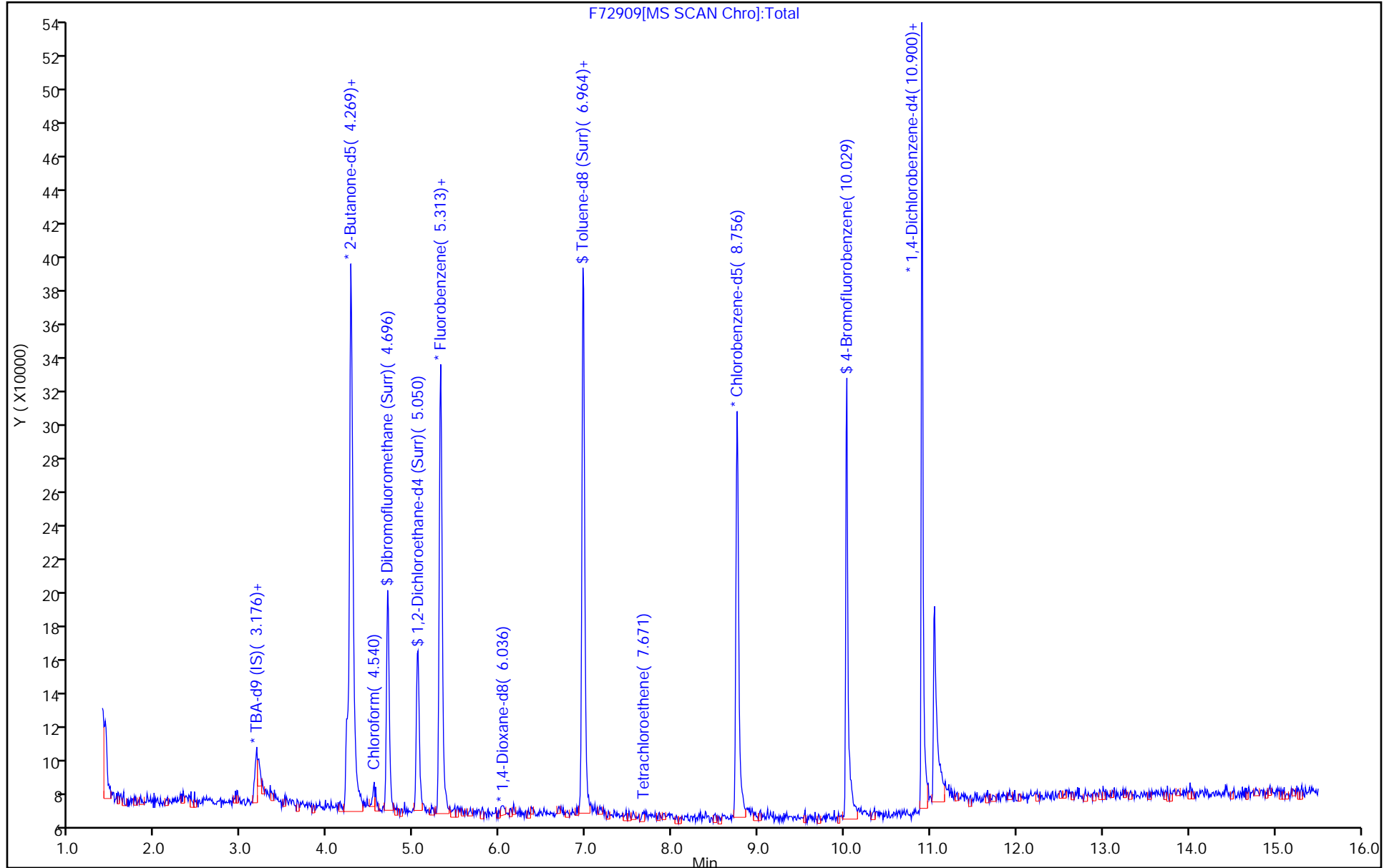
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D

Injection Date: 29-Oct-2018 19:48:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-7

Lab Sample ID: 460-167890-7

Client ID: MW-12

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

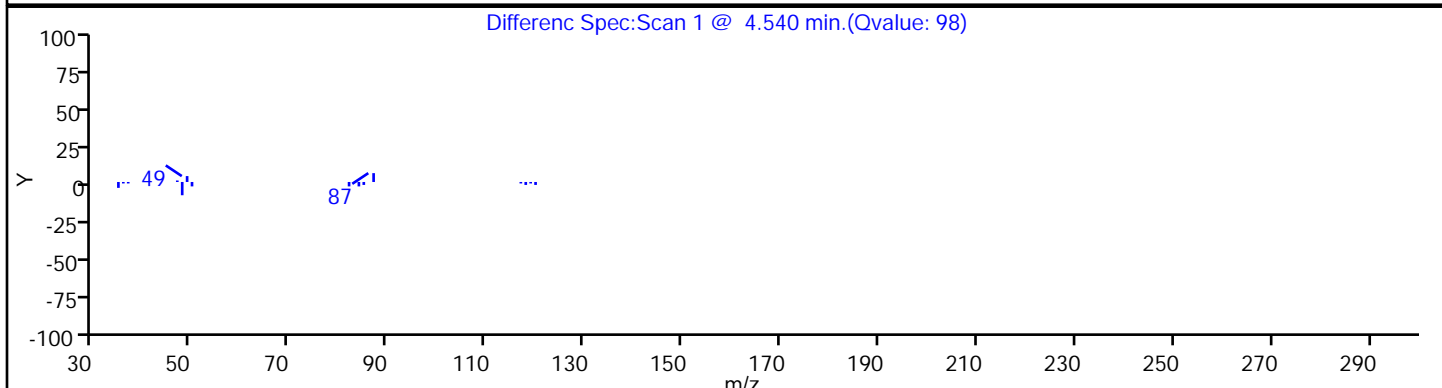
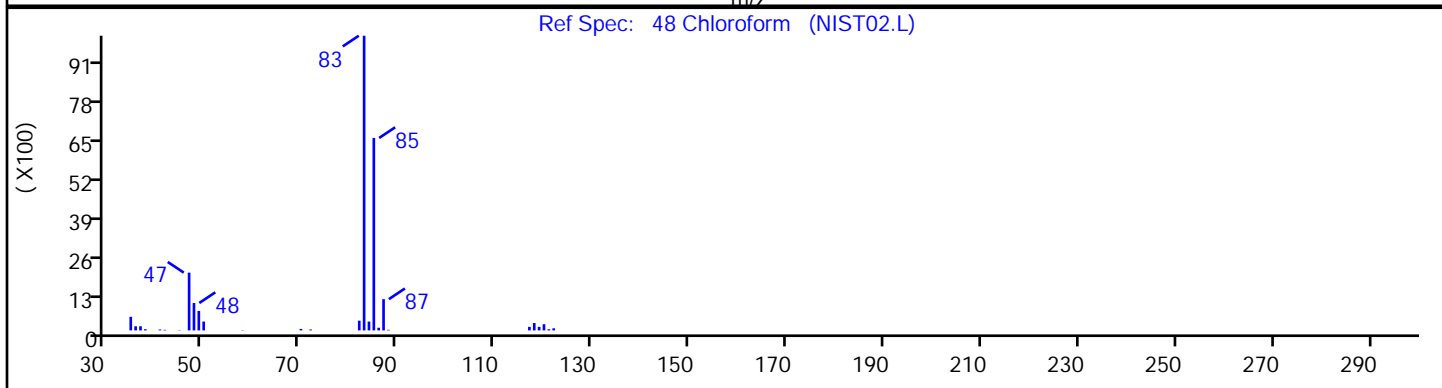
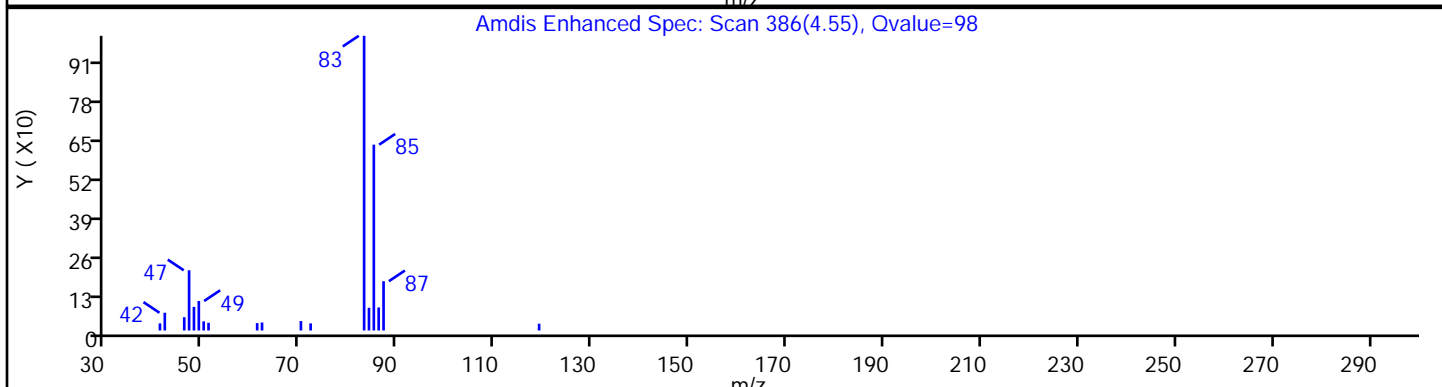
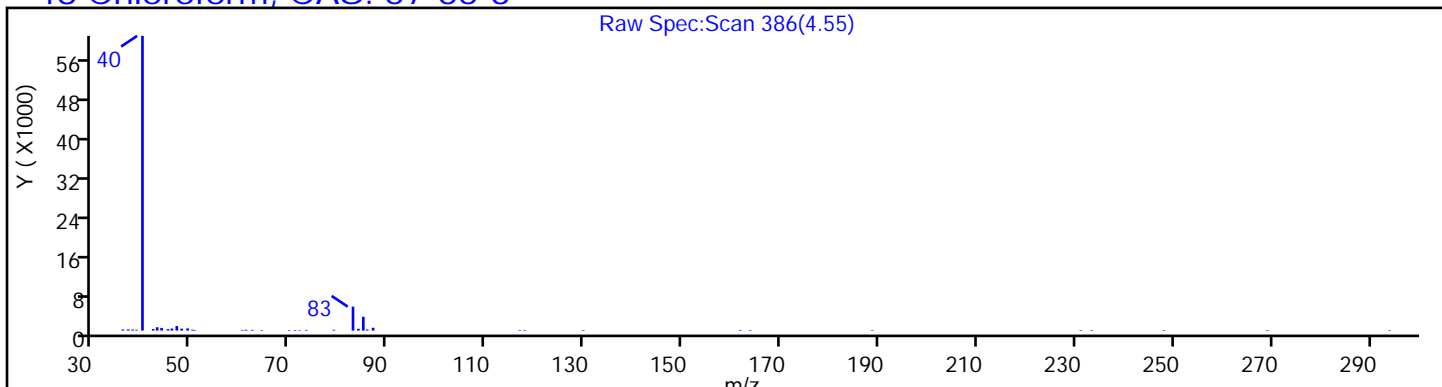
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D

Injection Date: 29-Oct-2018 19:48:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-7

Lab Sample ID: 460-167890-7

Client ID: MW-12

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

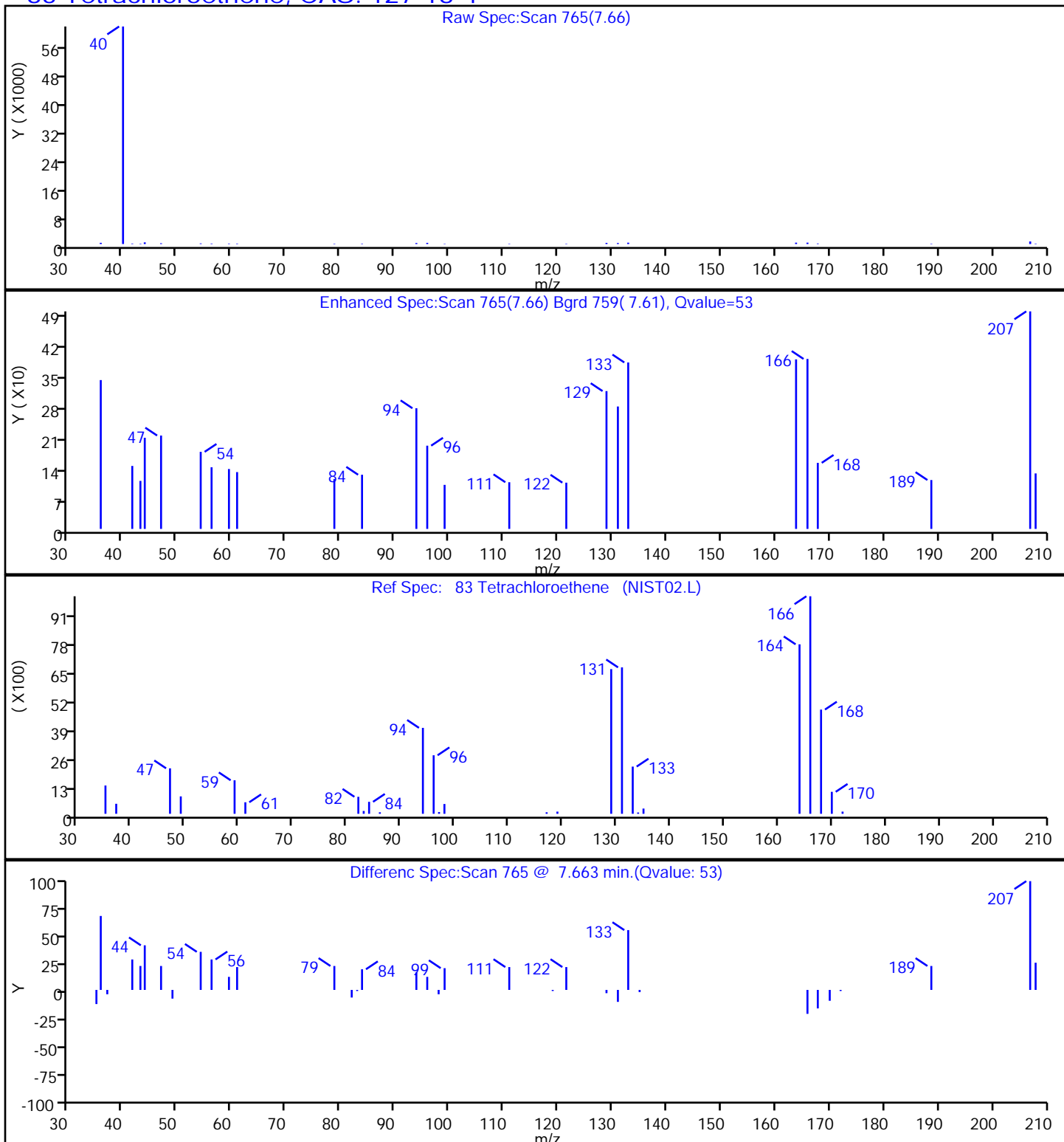
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

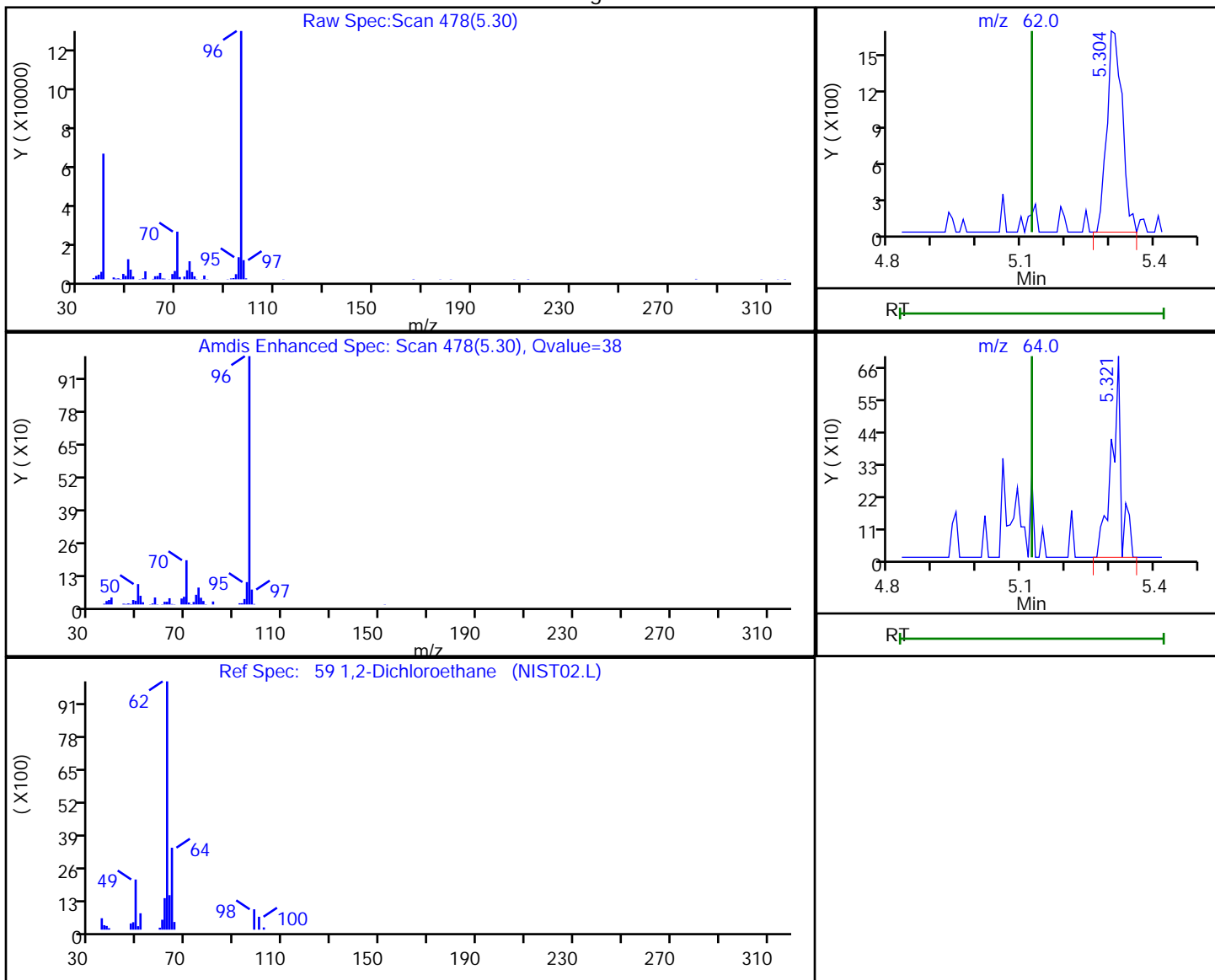


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D  
 Injection Date: 29-Oct-2018 19:48:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-A-7 Lab Sample ID: 460-167890-7  
 Client ID: MW-12  
 Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	3975	0.882296
5.32	64.00	1055	

Reviewer: parekhv, 29-Oct-2018 21:17:08

Audit Action: Marked Compound Undetected

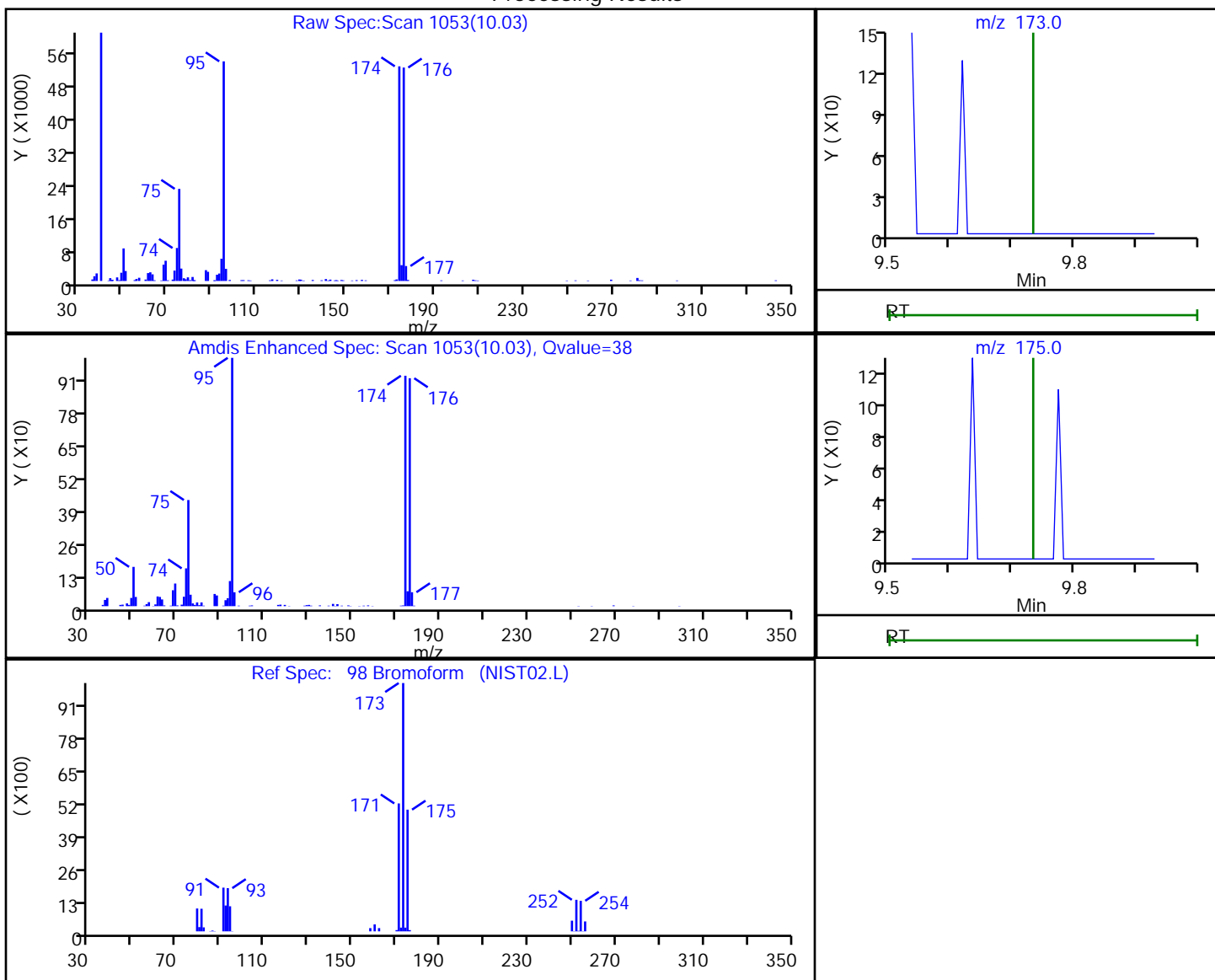
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D  
 Injection Date: 29-Oct-2018 19:48:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-A-7 Lab Sample ID: 460-167890-7  
 Client ID: MW-12  
 Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.03	173.00	374	0.190839
10.03	175.00	5187	

Reviewer: parekhv, 29-Oct-2018 21:17:02

Audit Action: Marked Compound Undetected

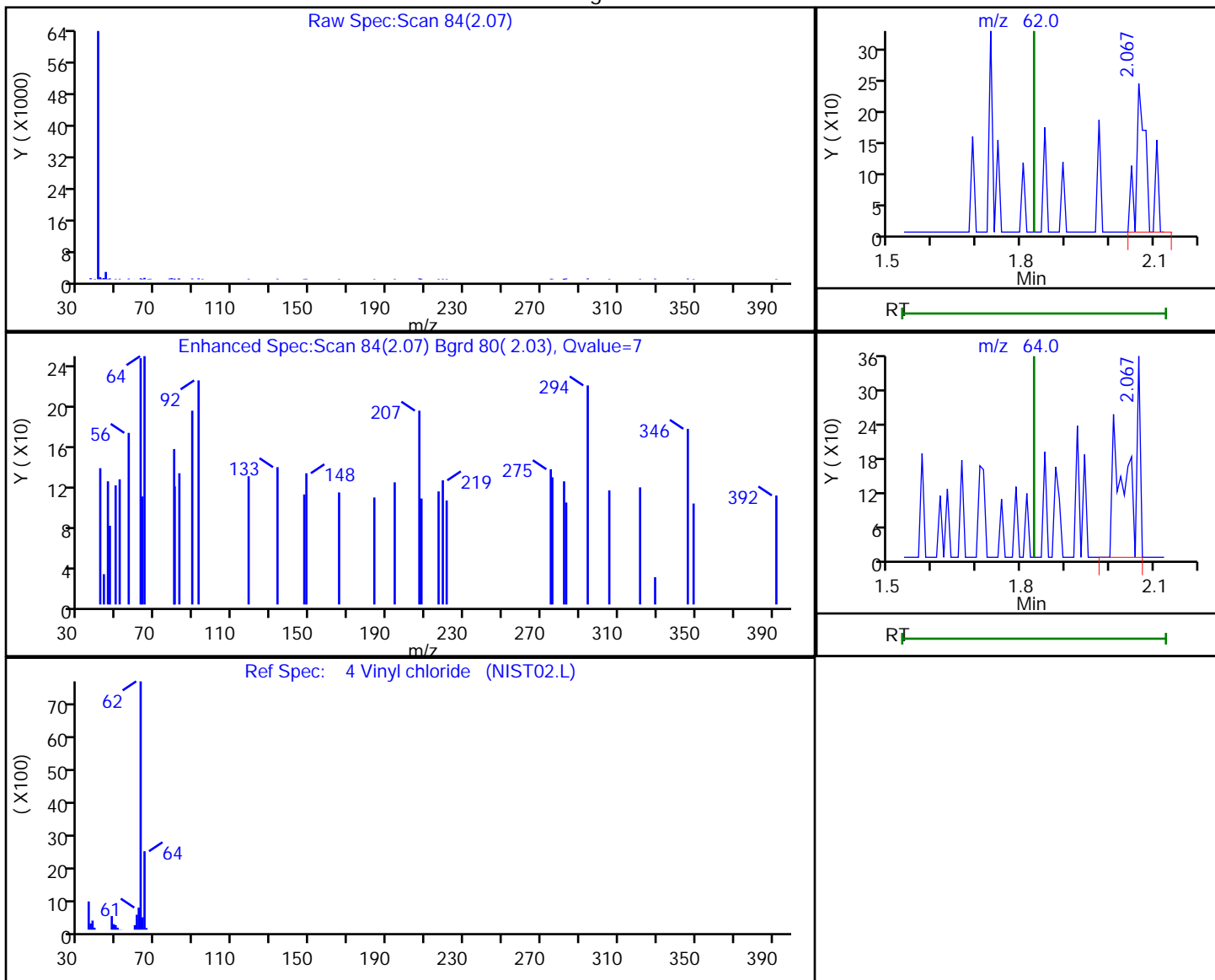
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72909.D  
 Injection Date: 29-Oct-2018 19:48:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-A-7 Lab Sample ID: 460-167890-7  
 Client ID: MW-12  
 Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
2.07	62.00	529	0.066027
2.07	64.00	649	

Reviewer: parekhv, 29-Oct-2018 21:17:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-13 Lab Sample ID: 460-167890-8  
 Matrix: Water Lab File ID: F72910.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:20  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 20:11  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	6.0		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-13 Lab Sample ID: 460-167890-8  
 Matrix: Water Lab File ID: F72910.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:20  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 20:11  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.27	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	119		77-124
1868-53-7	Dibromofluoromethane (Surr)	119		72-131
2037-26-5	Toluene-d8 (Surr)	108		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D  
 Lims ID: 460-167890-A-8  
 Client ID: MW-13  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 20:11:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-A-8  
 Misc. Info.: 460-0081094-010  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 15:35:04 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: tupayachia

Date: 30-Oct-2018 03:45:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.848	2.839	0.009	70	7020	5.99	M
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	97929	1000.0	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	115043	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	103276	59.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	88409	51.4	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	351683	50.0	
* 67 1,4-Dioxane-d8	96	6.052	6.011	0.041	0	10051	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	99	309322	54.2	
83 Tetrachloroethene	166	7.671	7.655	0.016	39	1016	0.2686	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	215645	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	97	98694	59.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	125102	50.0	

**QC Flag Legend**

Review Flags

M - Manually Integrated

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D

Injection Date: 29-Oct-2018 20:11:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-A-8

Lab Sample ID: 460-167890-8

Worklist Smp#: 10

Client ID: MW-13

Purge Vol: 5.000 mL

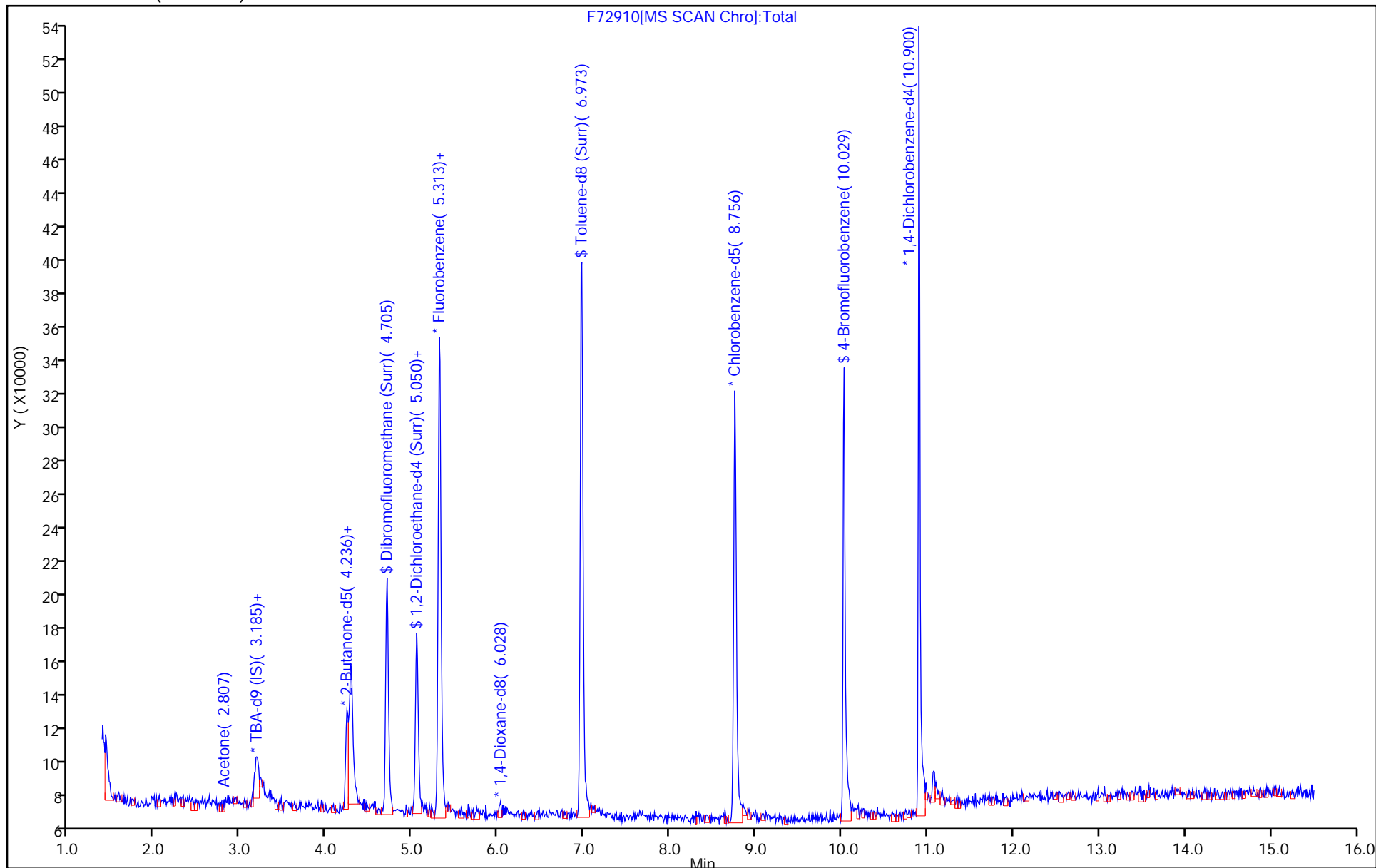
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D

Injection Date: 29-Oct-2018 20:11:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-8

Lab Sample ID: 460-167890-8

Client ID: MW-13

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

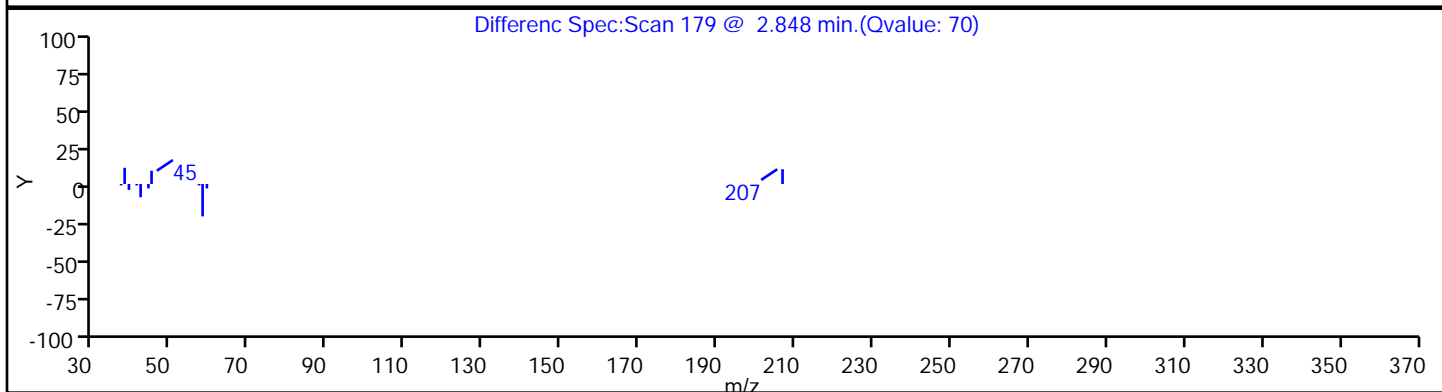
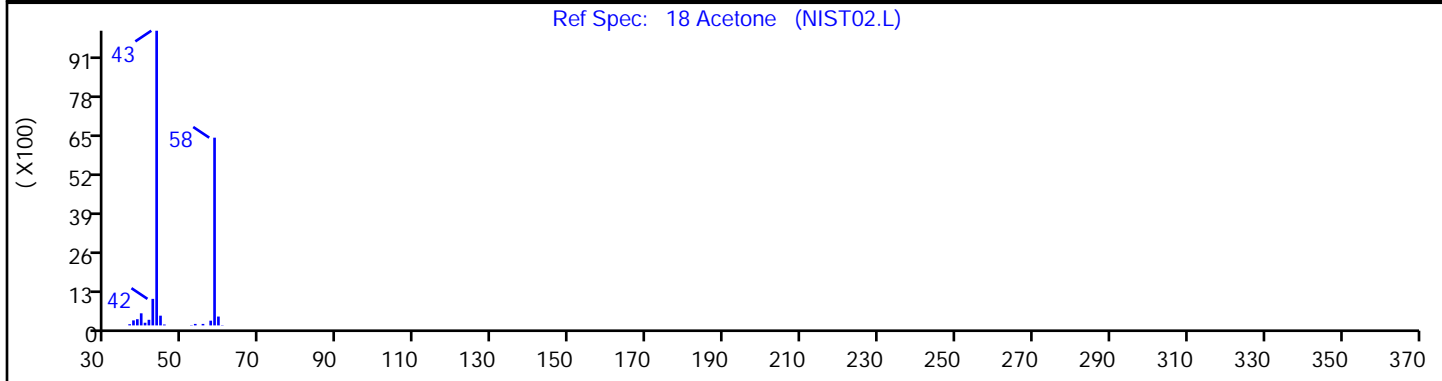
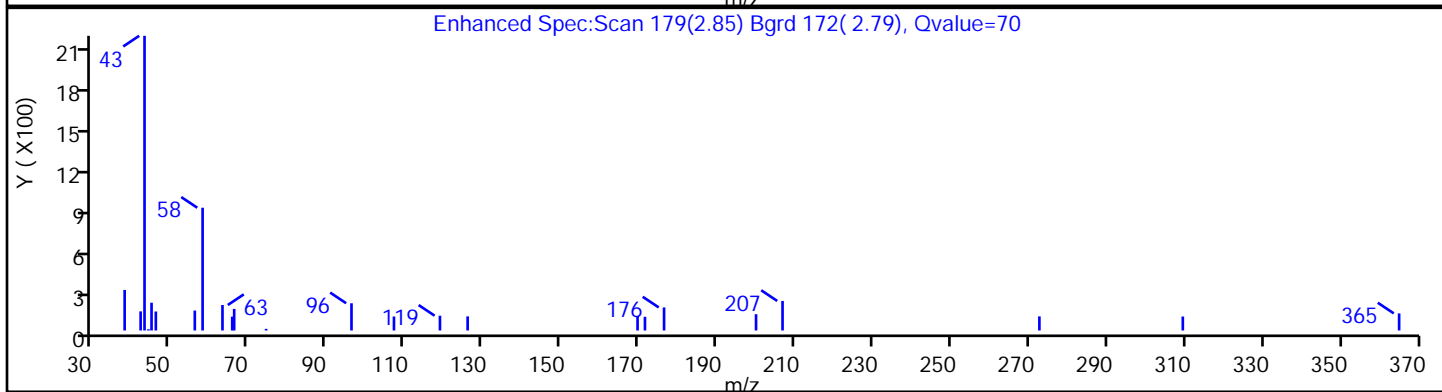
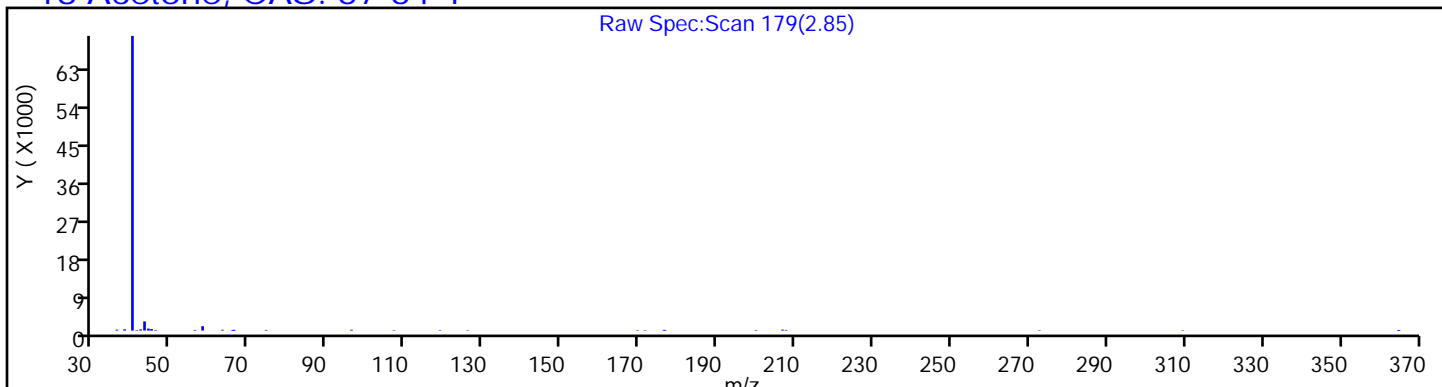
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D

Injection Date: 29-Oct-2018 20:11:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-8

Lab Sample ID: 460-167890-8

Client ID: MW-13

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

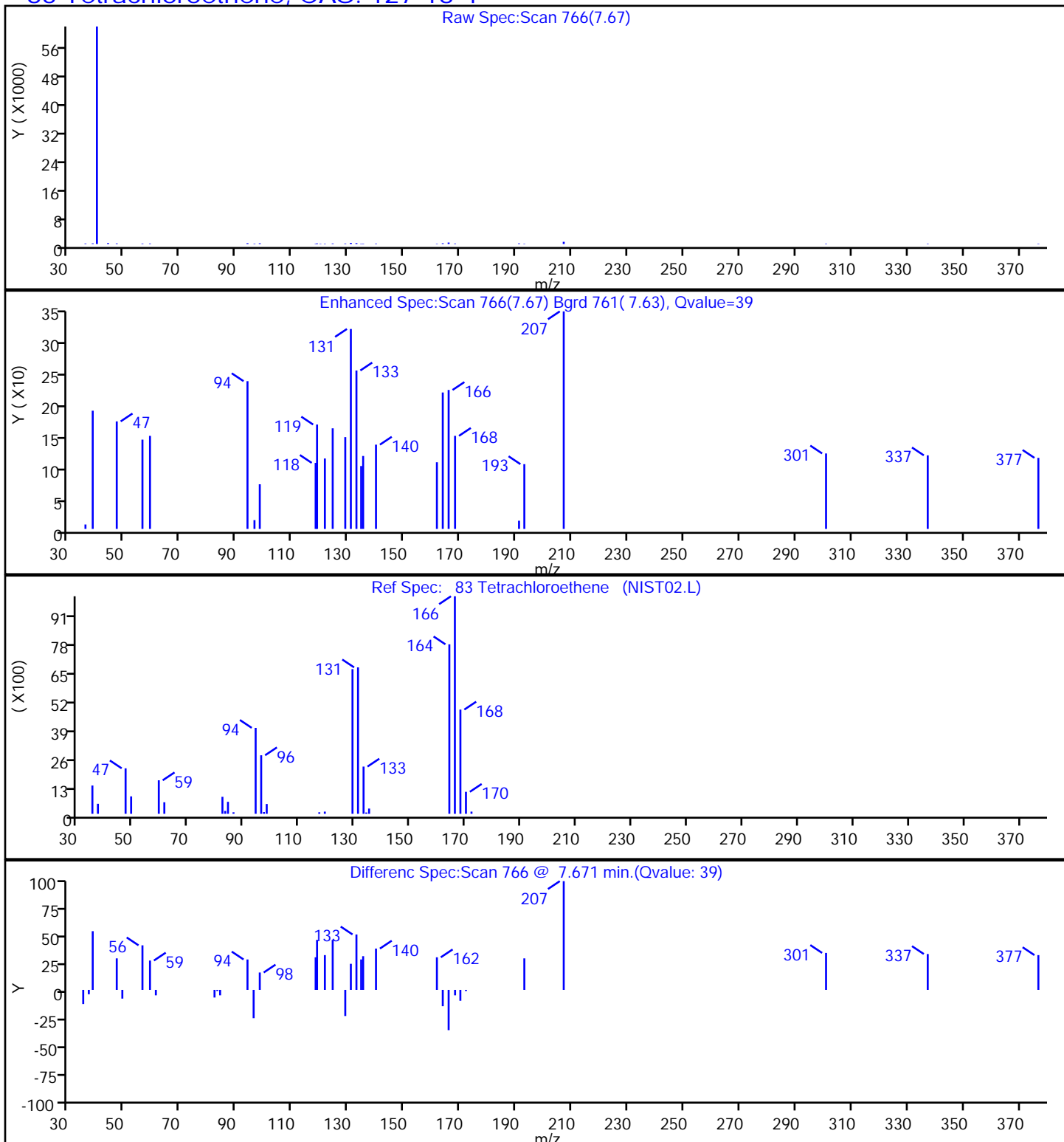
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

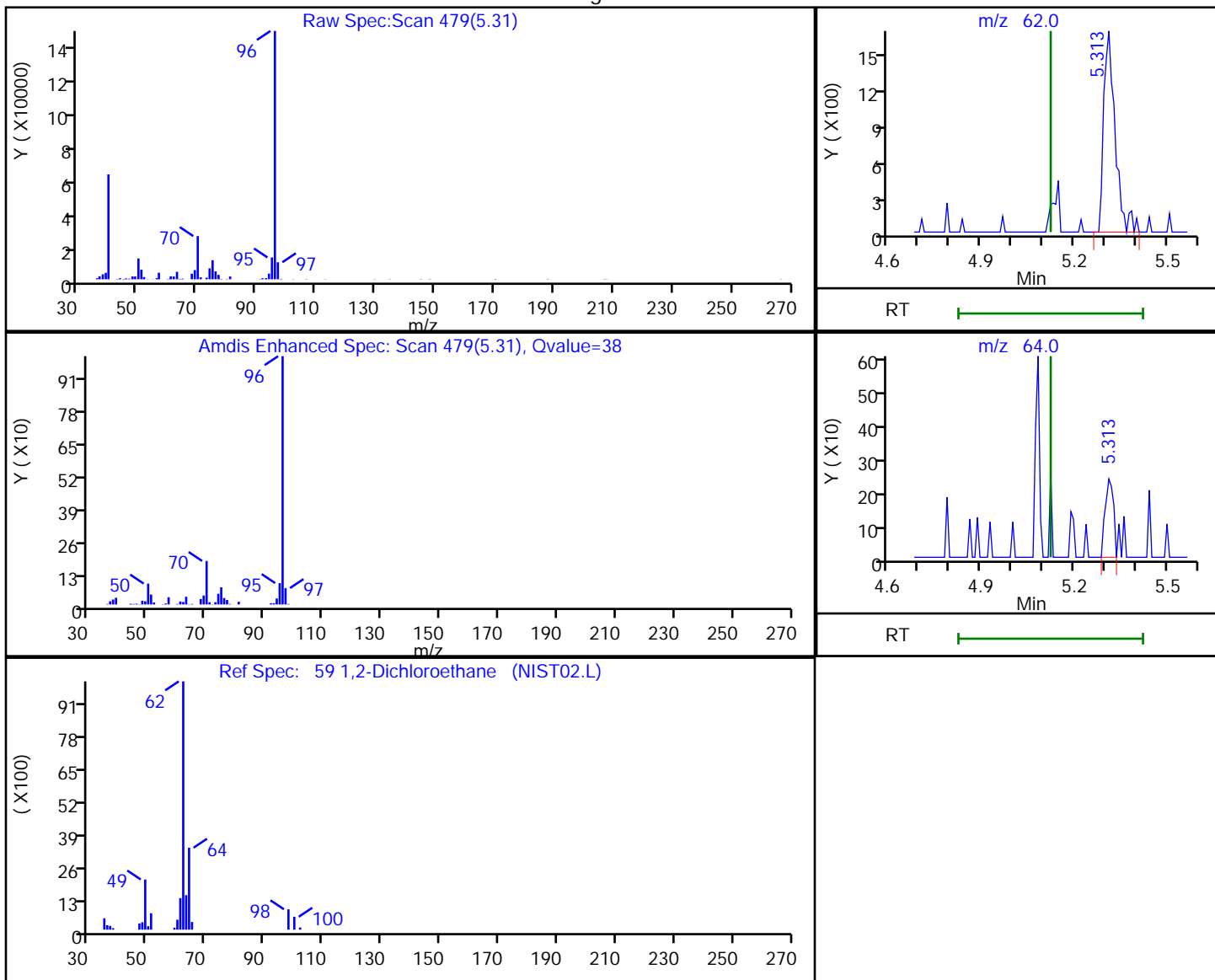


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D  
 Injection Date: 29-Oct-2018 20:11:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-A-8 Lab Sample ID: 460-167890-8  
 Client ID: MW-13  
 Operator ID: ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.31	62.00	4238	0.912614
5.31	64.00	442	

Reviewer: tupayachia, 30-Oct-2018 03:44:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

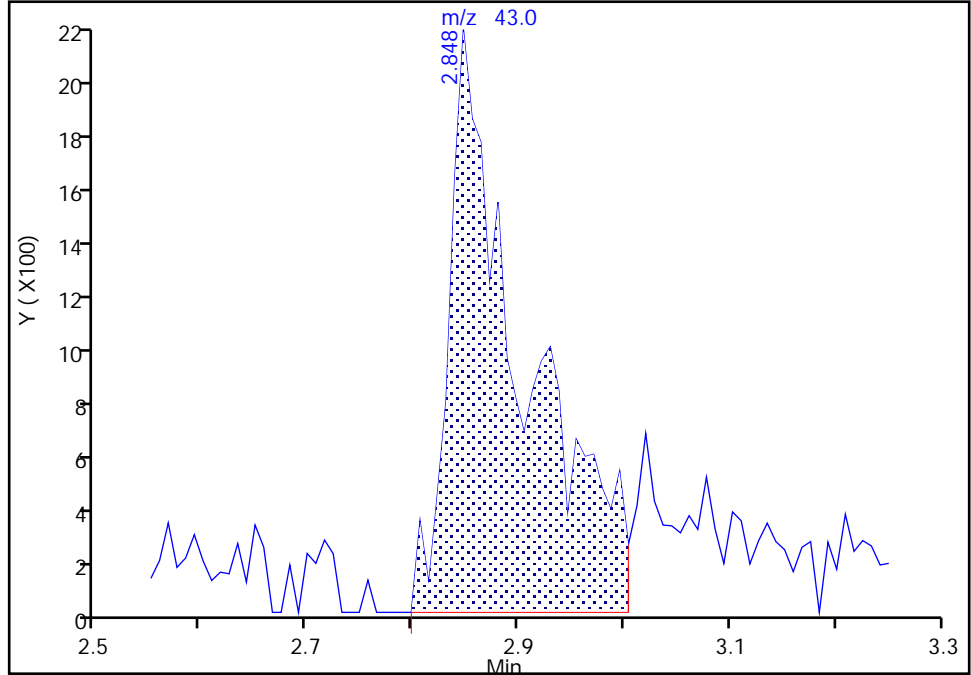
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72910.D  
Injection Date: 29-Oct-2018 20:11:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-A-8 Lab Sample ID: 460-167890-8  
Client ID: MW-13  
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

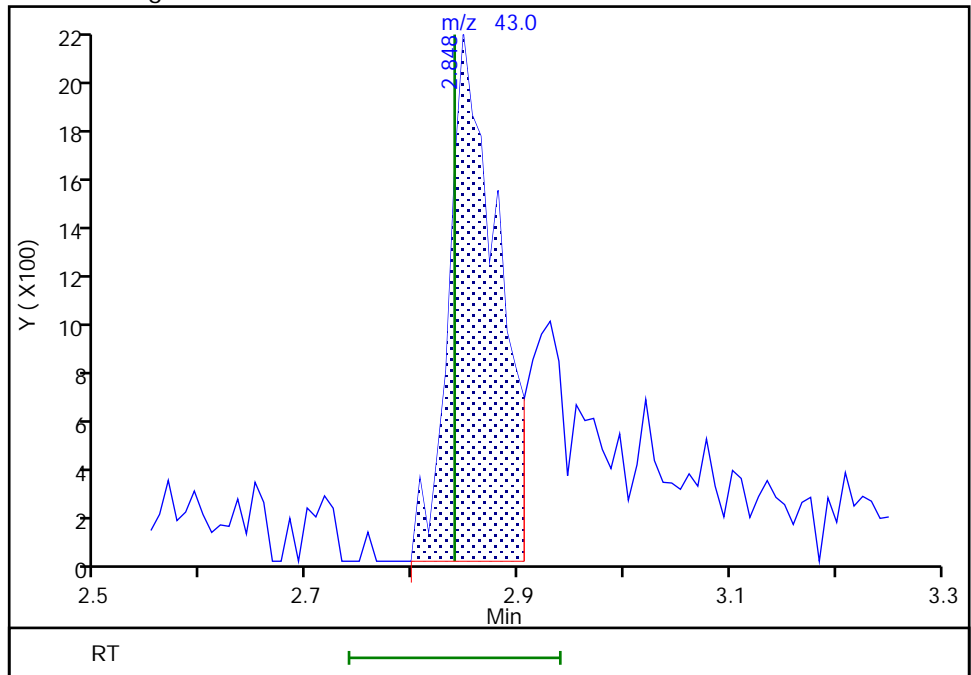
RT: 2.85  
Area: 10658  
Amount: 9.094505  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 7020  
Amount: 5.987320  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 31-Oct-2018 15:34:35  
Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-11 Lab Sample ID: 460-167890-9  
 Matrix: Water Lab File ID: F72895.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 13:02  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	54		5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-11 Lab Sample ID: 460-167890-9  
 Matrix: Water Lab File ID: F72895.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 13:02  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	190		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	5.7		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	118		77-124
1868-53-7	Dibromofluoromethane (Surr)	117		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D  
 Lims ID: 460-167890-B-9  
 Client ID: MW-11  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 13:02:30 ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-9  
 Misc. Info.: 460-0081059-025  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:52:01 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: xuyvo Date: 30-Oct-2018 11:52:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.856	2.848	0.008	99	61117	54.4	M
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	132975	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	111094	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	91966	58.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	80364	51.8	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	317430	50.0	
63 Trichloroethene	95	5.666	5.666	0.000	95	21198	5.65	
* 67 1,4-Dioxane-d8	96	6.044	6.028	0.016	0	9873	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	100	287171	52.4	
83 Tetrachloroethene	166	7.655	7.663	-0.008	97	698950	192.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	207133	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	97	94313	59.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	120725	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D

Injection Date: 29-Oct-2018 13:02:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-9

Lab Sample ID: 460-167890-9

Worklist Smp#: 25

Client ID: MW-11

Purge Vol: 5.000 mL

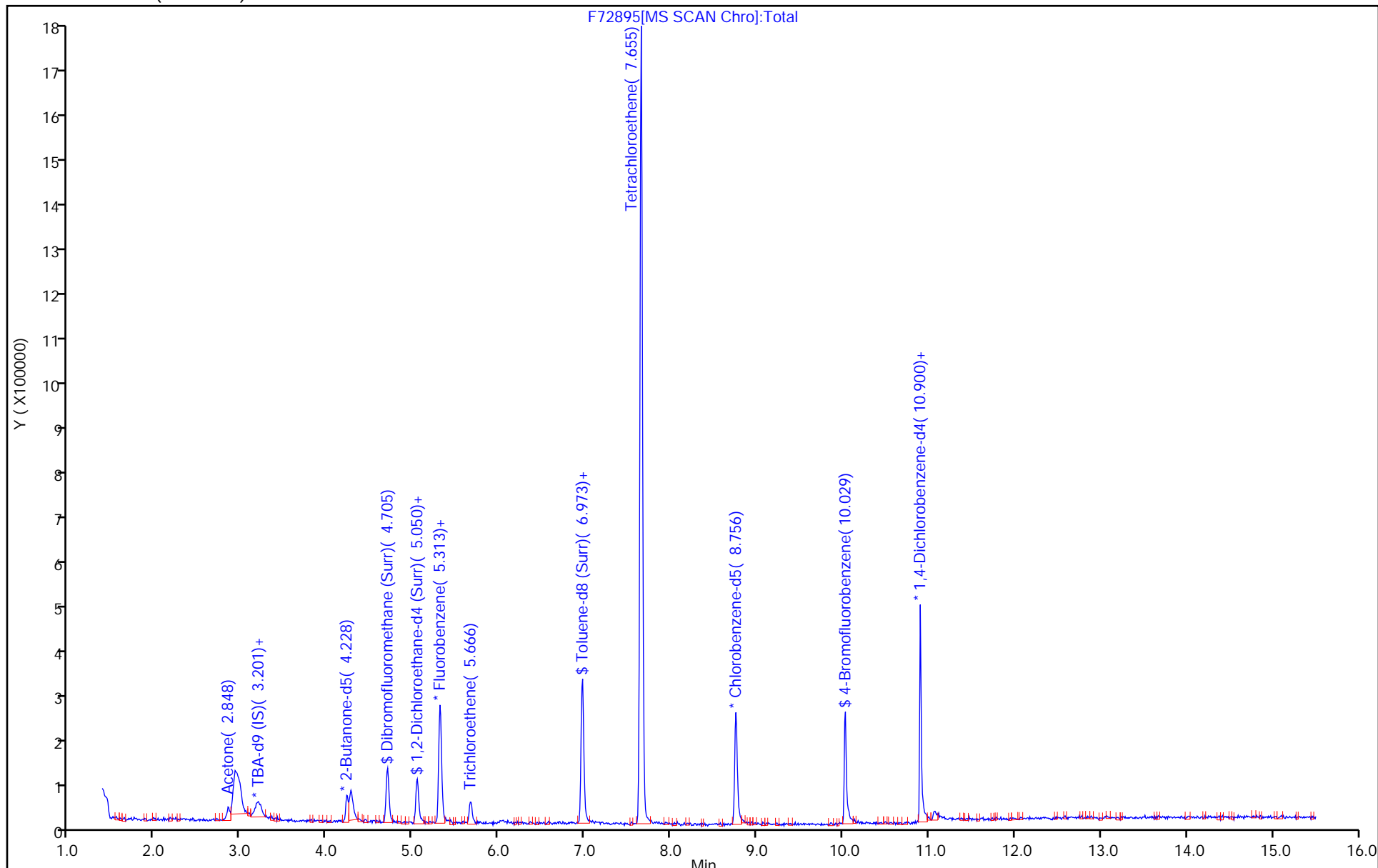
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D

Injection Date: 29-Oct-2018 13:02:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-9

Lab Sample ID: 460-167890-9

Client ID: MW-11

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

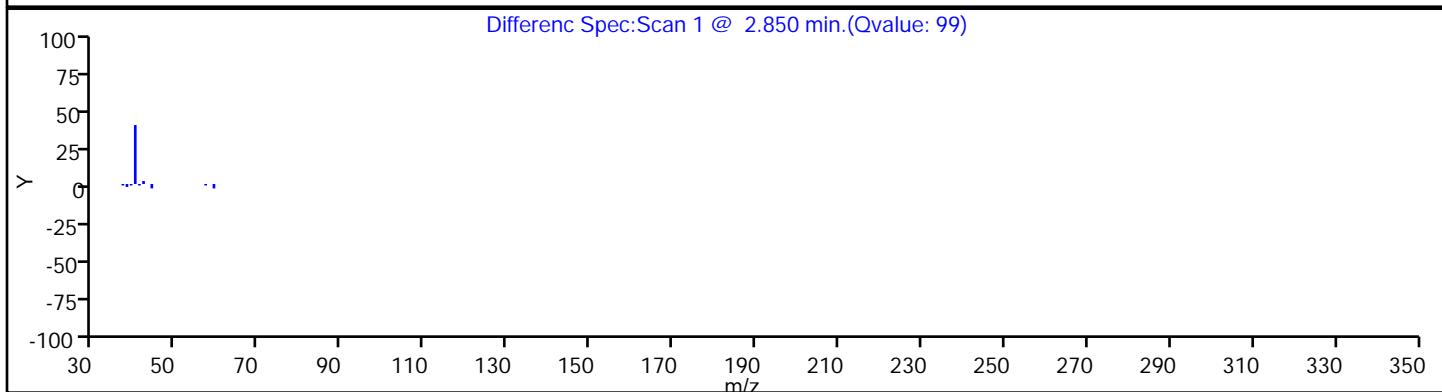
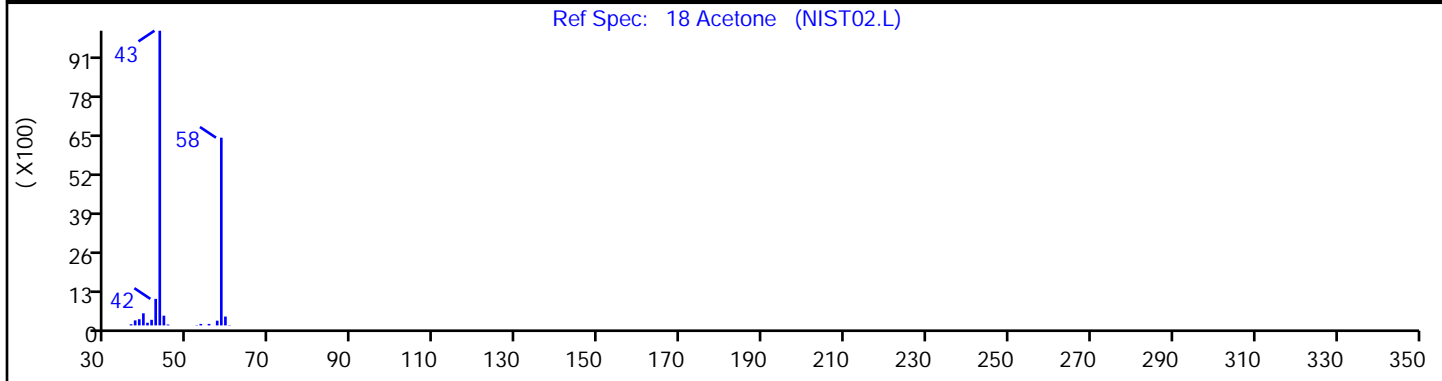
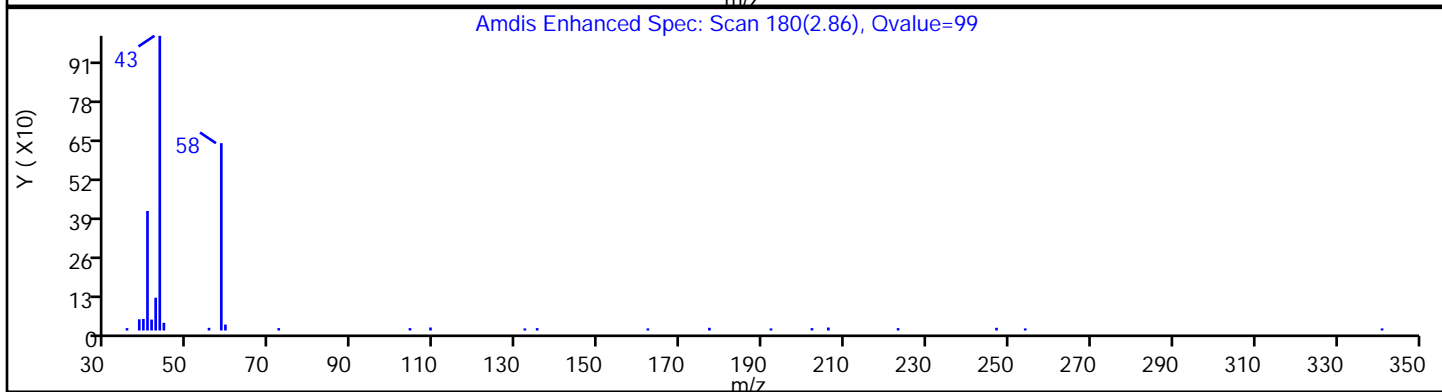
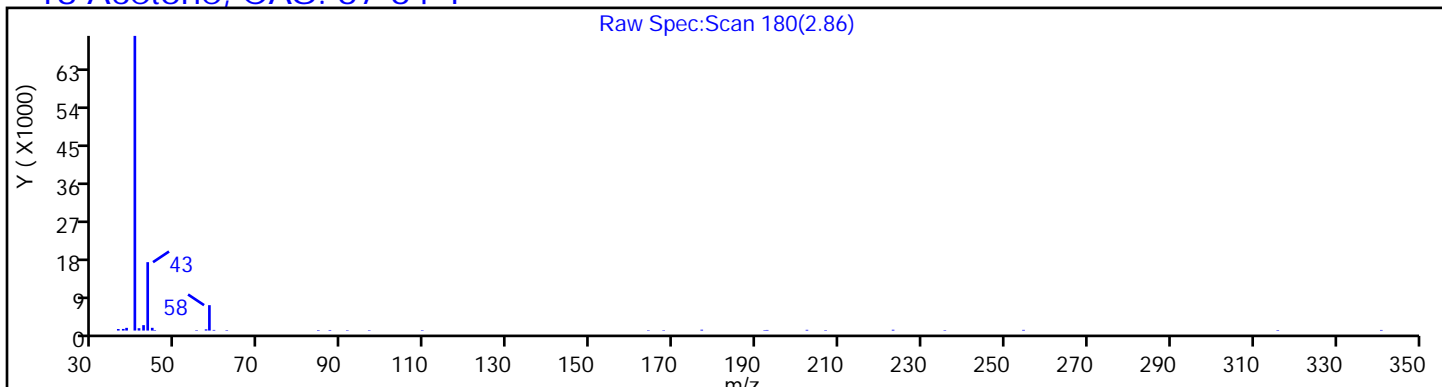
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D

Injection Date: 29-Oct-2018 13:02:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-9

Lab Sample ID: 460-167890-9

Client ID: MW-11

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

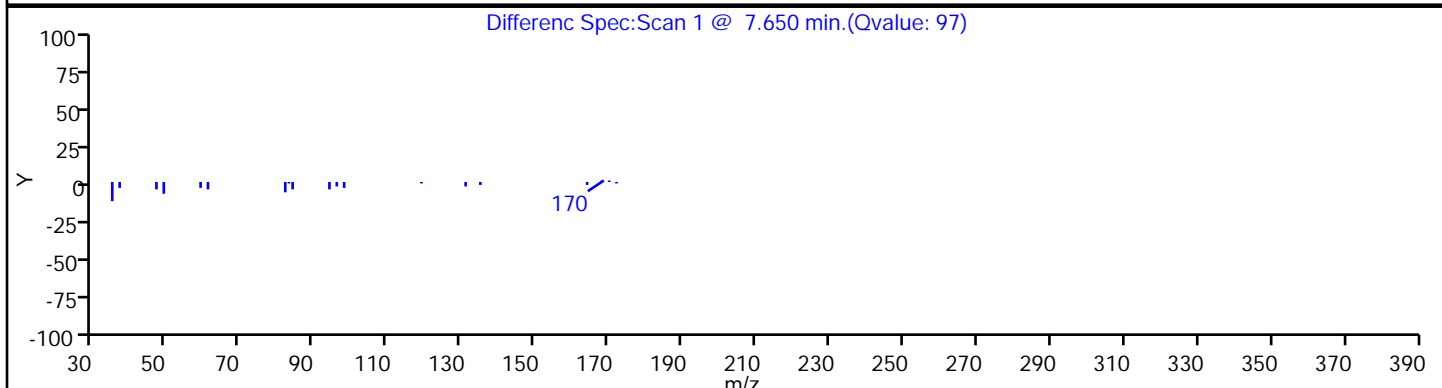
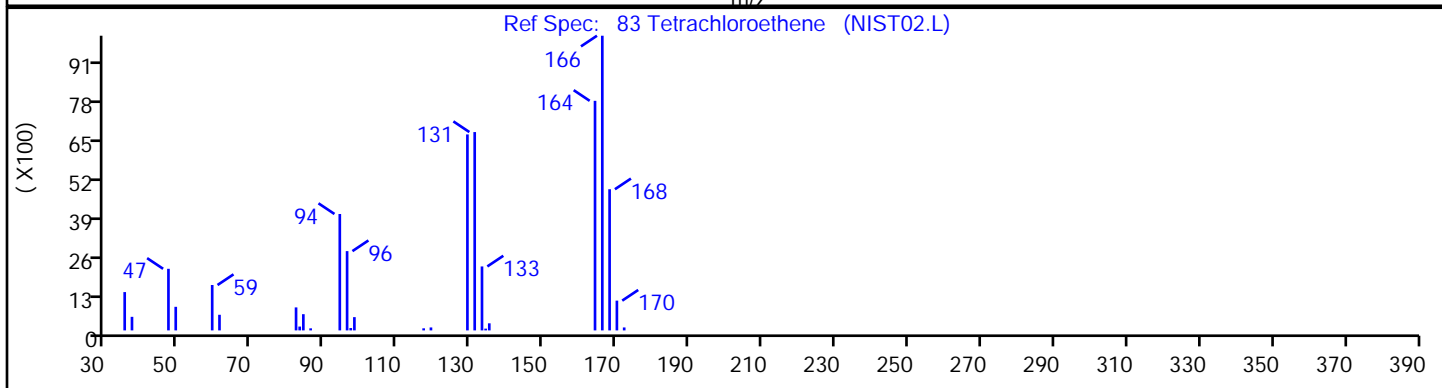
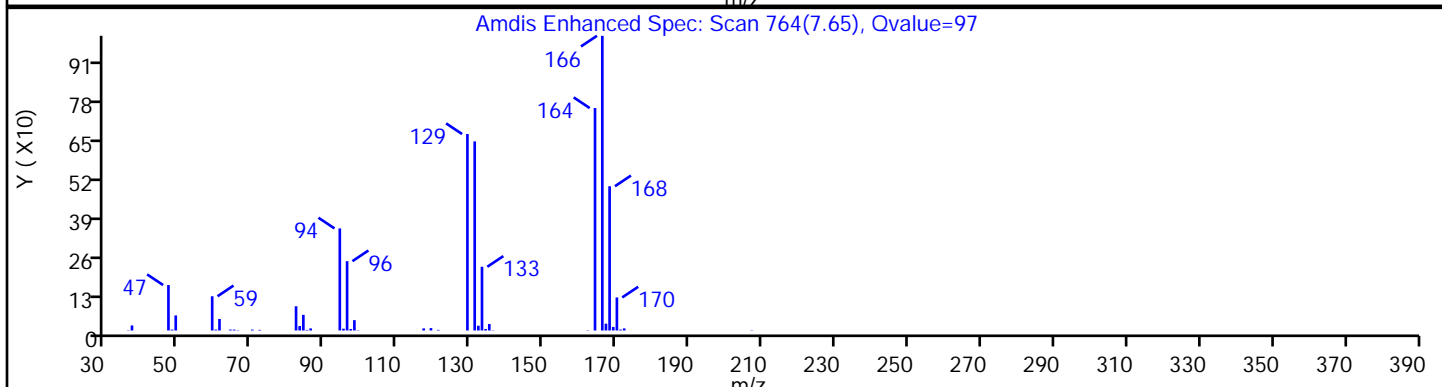
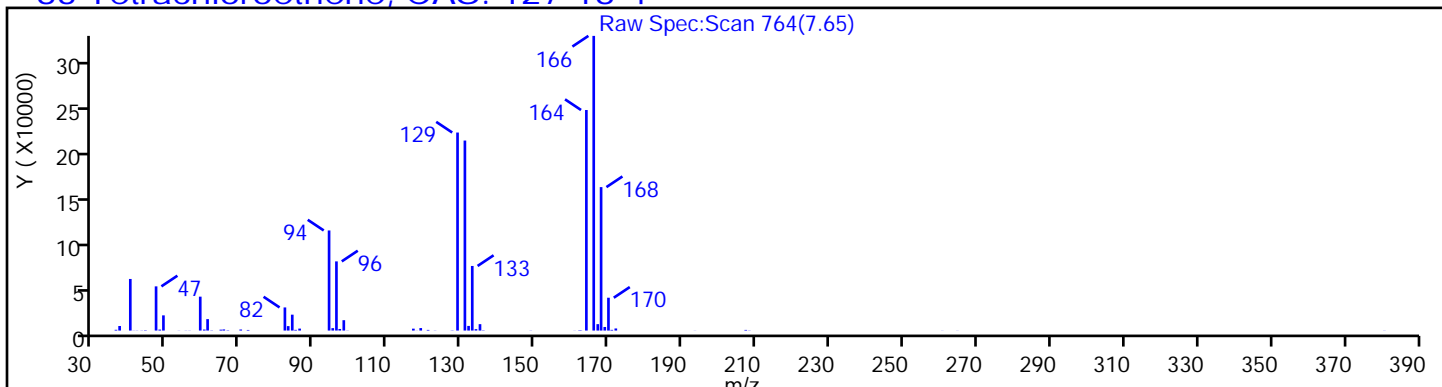
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D

Injection Date: 29-Oct-2018 13:02:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-9

Lab Sample ID: 460-167890-9

Client ID: MW-11

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

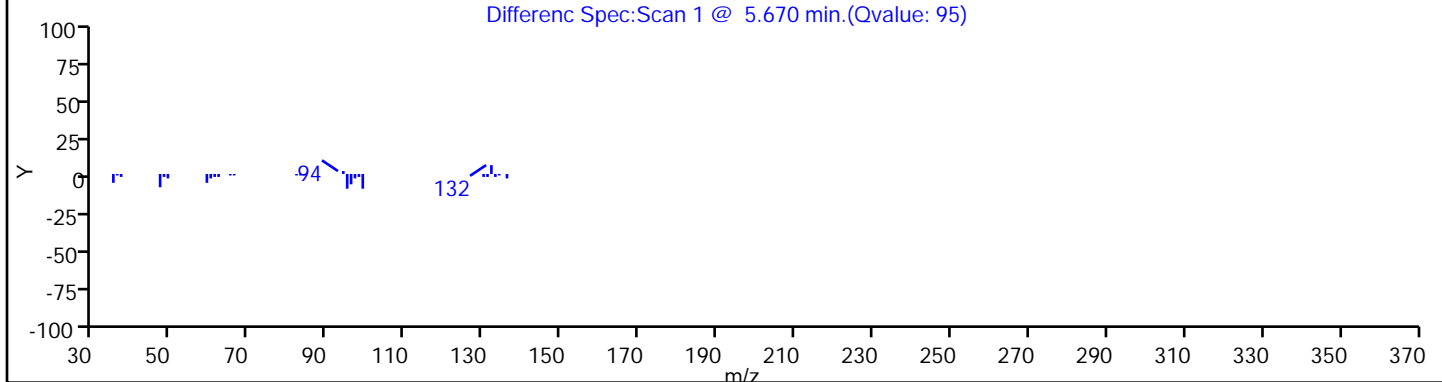
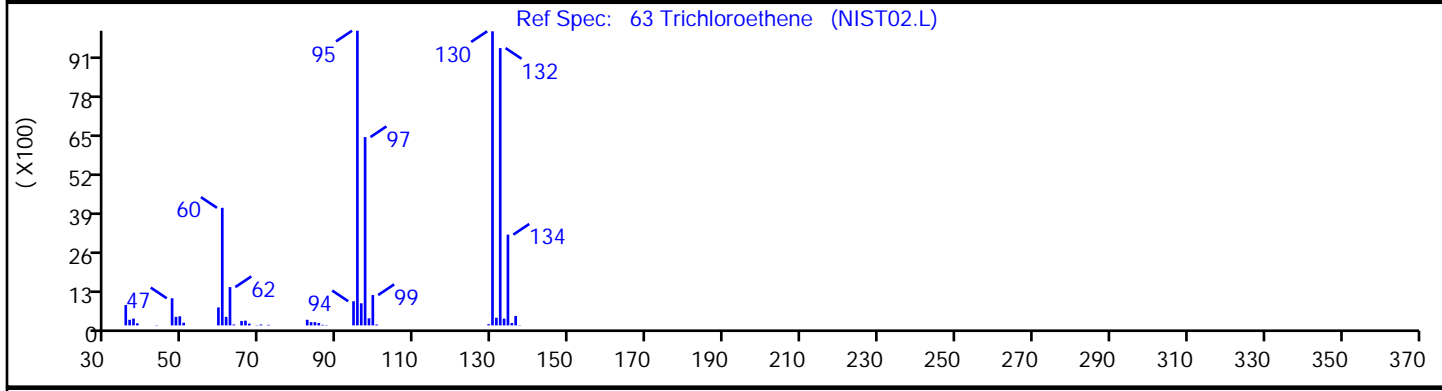
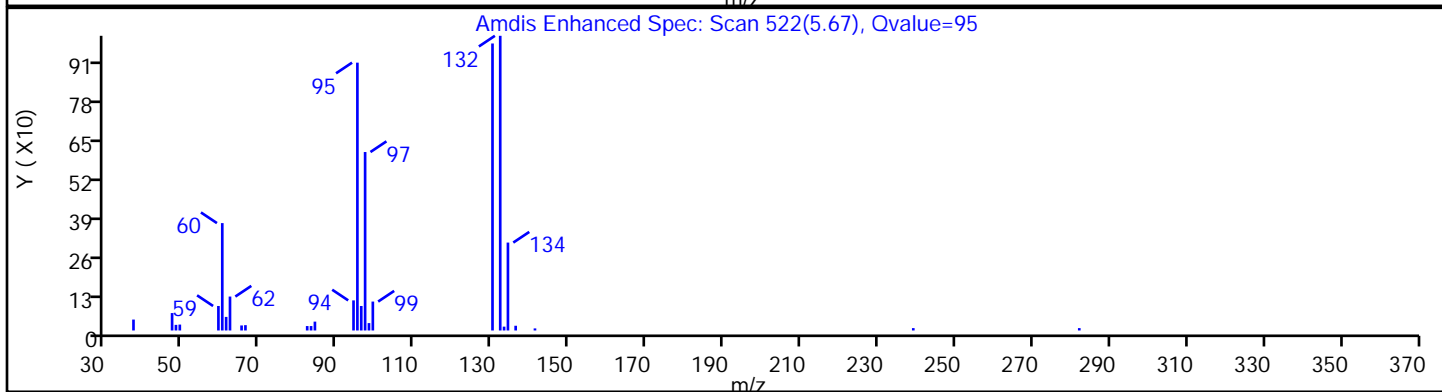
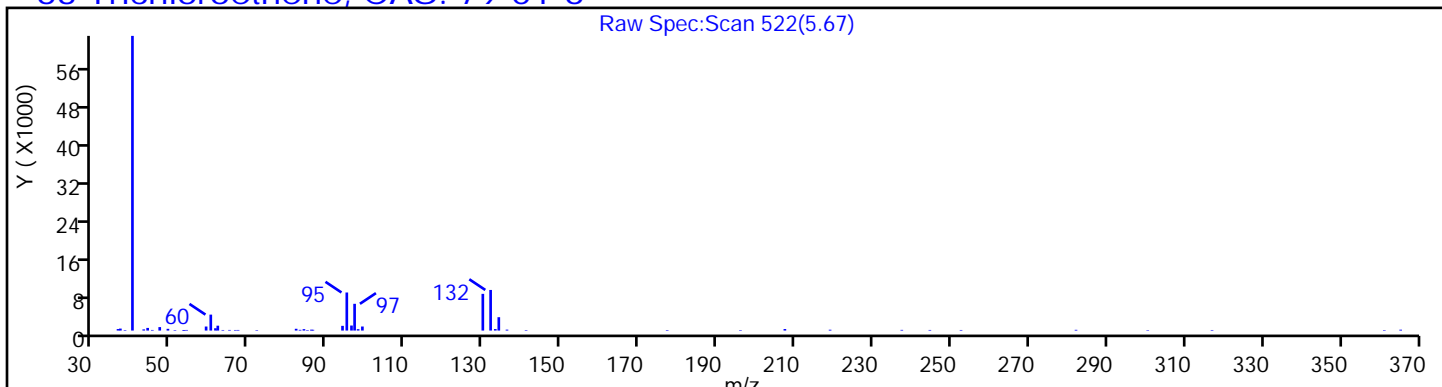
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

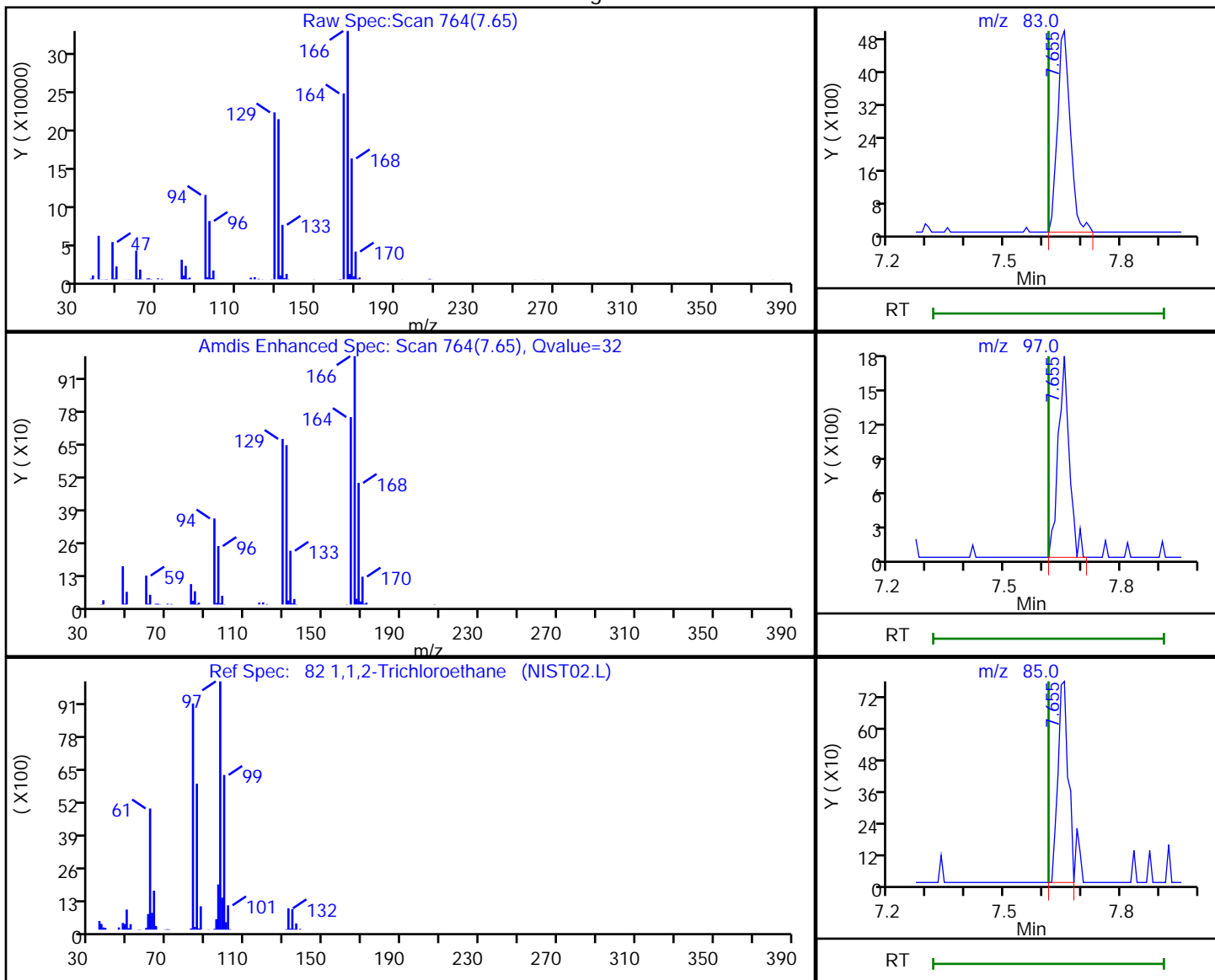


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D  
 Injection Date: 29-Oct-2018 13:02:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-9 Lab Sample ID: 460-167890-9  
 Client ID: MW-11  
 Operator ID: ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.65	83.00	11391	4.343009
7.65	97.00	3489	
7.65	85.00	1432	

Reviewer: parekhv, 29-Oct-2018 19:51:10

Audit Action: Marked Compound Undetected

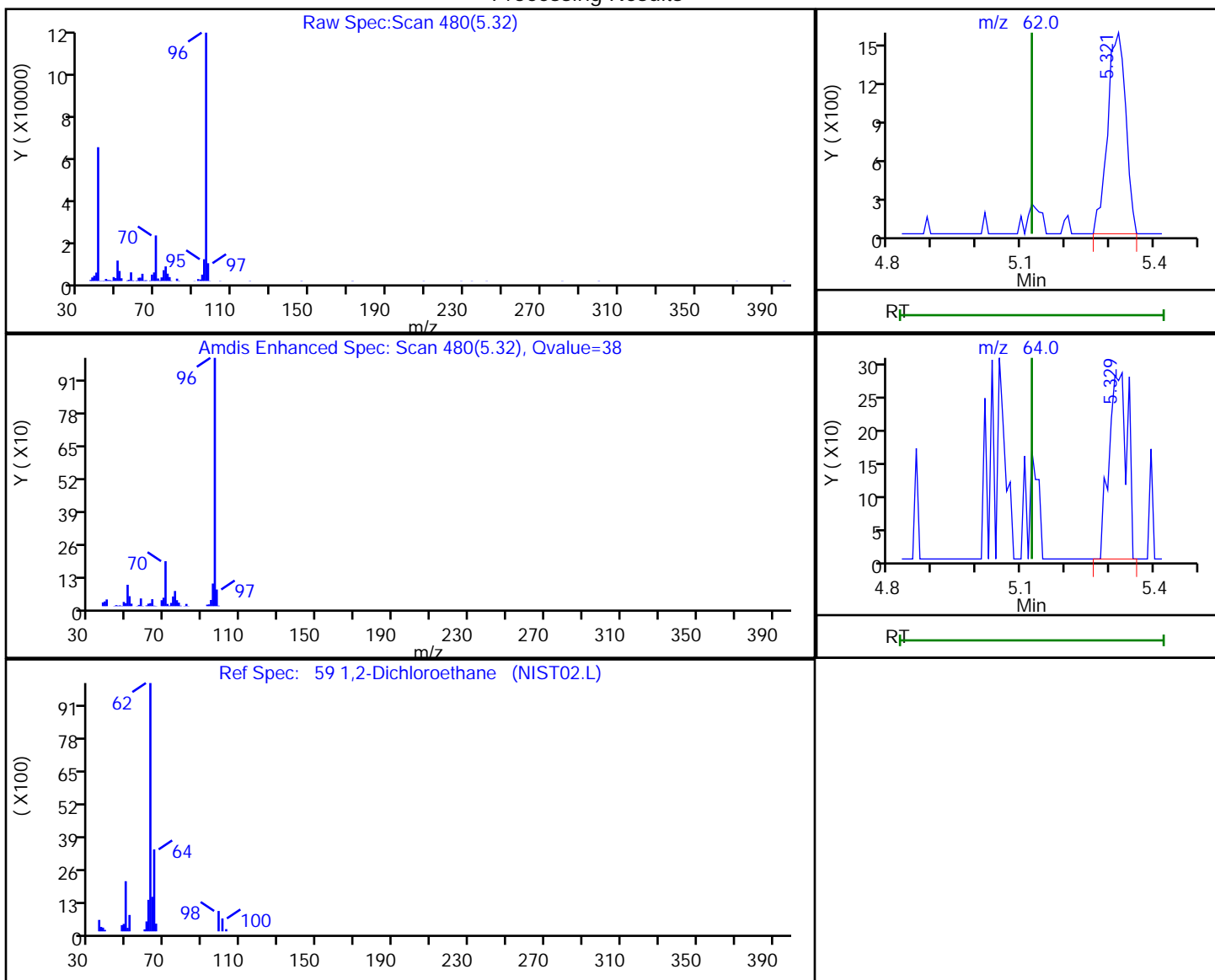
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D  
 Injection Date: 29-Oct-2018 13:02:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-9 Lab Sample ID: 460-167890-9  
 Client ID: MW-11  
 Operator ID: ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.32	62.00	4485	1.070020
5.33	64.00	829	

Reviewer: parekhv, 29-Oct-2018 19:51:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



TestAmerica Edison

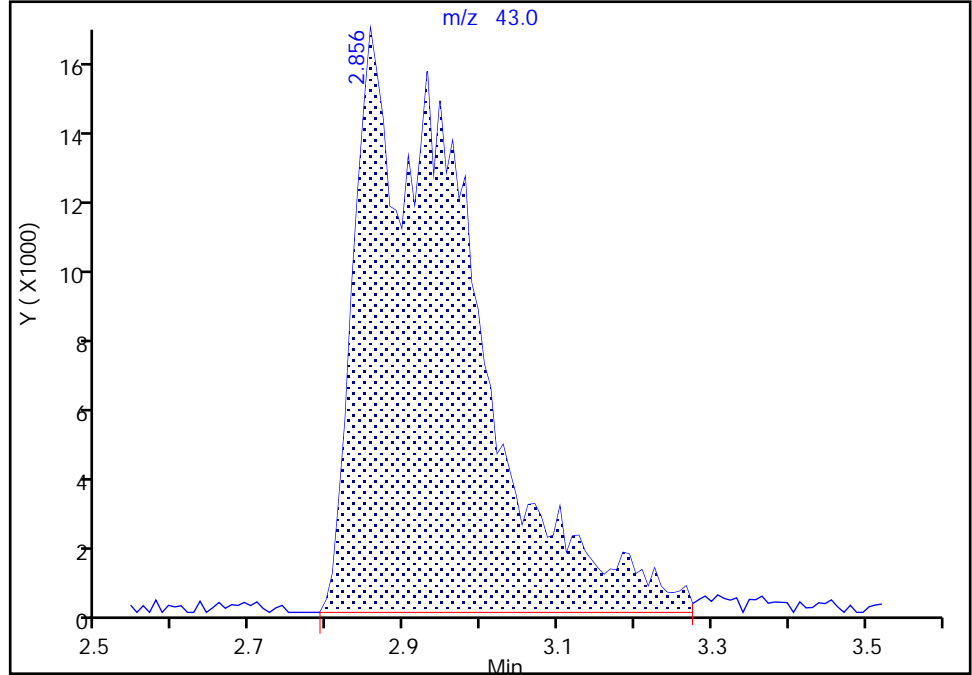
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D  
Injection Date: 29-Oct-2018 13:02:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-9 Lab Sample ID: 460-167890-9  
Client ID: MW-11  
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

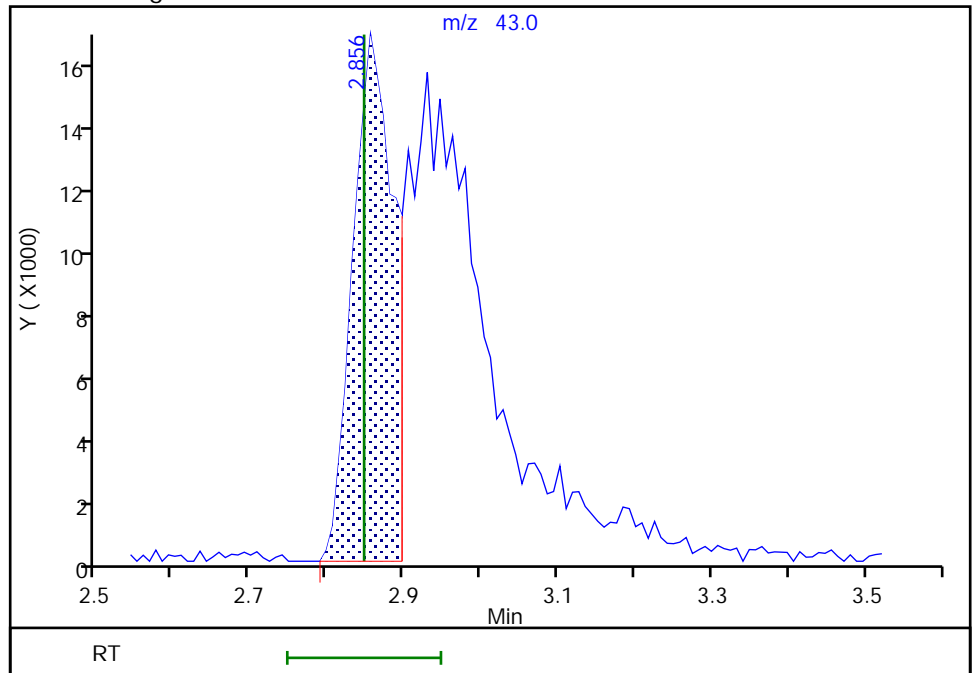
RT: 2.86  
Area: 169040  
Amount: 152.7527  
Amount Units: ug/l

Processing Integration Results



RT: 2.86  
Area: 61117  
Amount: 54.384854  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:51:46  
Audit Action: Split an Integrated Peak

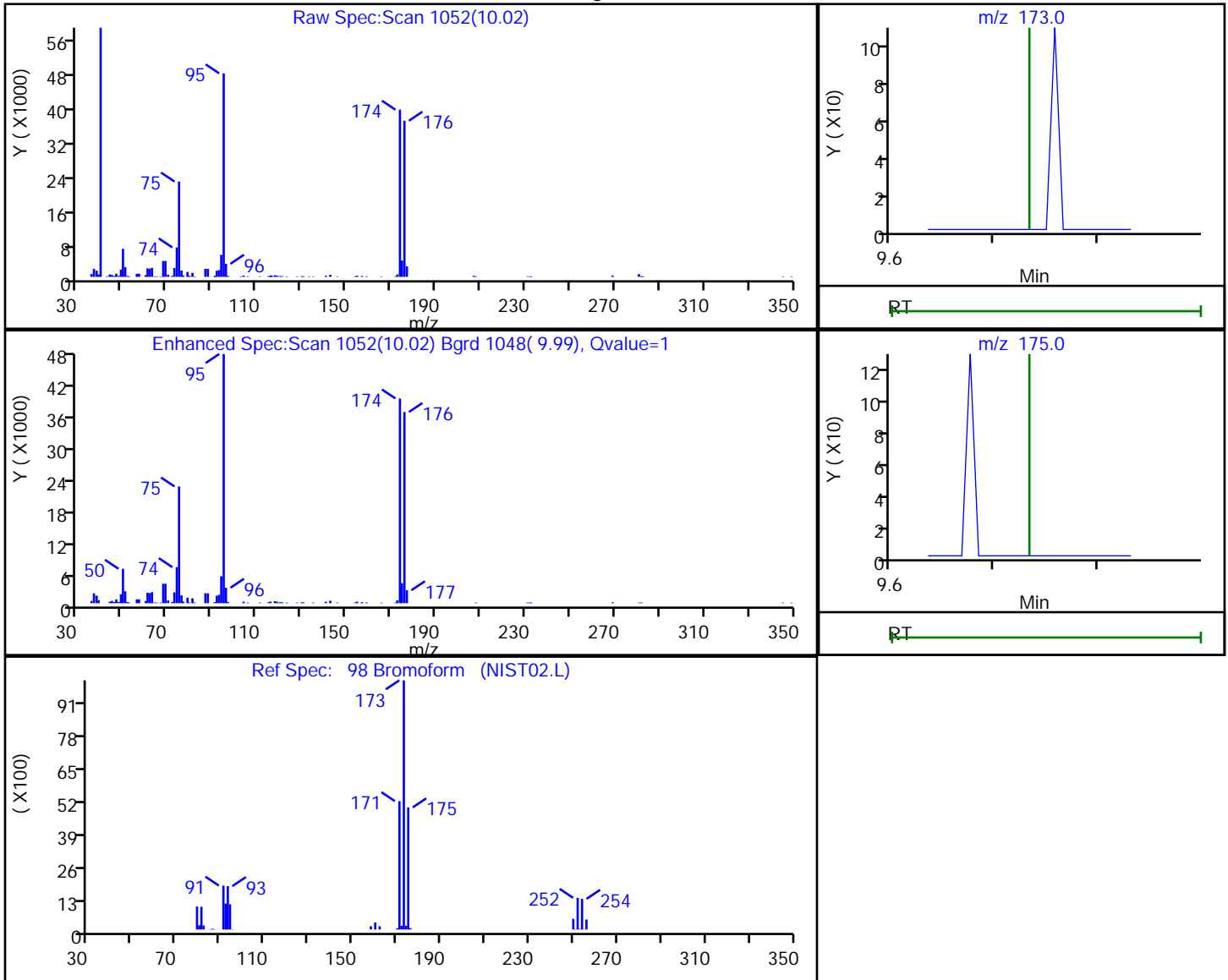
Audit Reason: Shouldering

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72895.D  
 Injection Date: 29-Oct-2018 13:02:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-9 Lab Sample ID: 460-167890-9  
 Client ID: MW-11  
 Operator ID: ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.02	173.00	404	0.198621
10.02	175.00	5572	

Reviewer: parekhv, 29-Oct-2018 19:51:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-14 Lab Sample ID: 460-167890-10  
 Matrix: Water Lab File ID: F72896.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:45  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 13:25  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-14 Lab Sample ID: 460-167890-10  
 Matrix: Water Lab File ID: F72896.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:45  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 13:25  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	16		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.4		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		74-132
460-00-4	4-Bromofluorobenzene	114		77-124
1868-53-7	Dibromofluoromethane (Surr)	119		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72896.D  
 Lims ID: 460-167890-B-10  
 Client ID: MW-14  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 13:25:30 ALS Bottle#: 25 Worklist Smp#: 26  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-10  
 Misc. Info.: 460-0081059-026  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:52:01 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:51:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.185	3.201	-0.016	0	114390	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	114248	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.697	4.705	-0.008	97	92141	59.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	82094	53.8	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	311972	50.0	
63 Trichloroethene	95	5.674	5.666	0.008	91	5285	1.43	
* 67 1,4-Dioxane-d8	96	6.036	6.028	0.008	0	11704	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	100	270420	51.0	
83 Tetrachloroethene	166	7.655	7.663	-0.008	96	55333	15.8	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	200182	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	97	88224	57.2	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	118366	50.0	

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72896.D

Injection Date: 29-Oct-2018 13:25:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-10

Lab Sample ID: 460-167890-10

Worklist Smp#: 26

Client ID: MW-14

Purge Vol: 5.000 mL

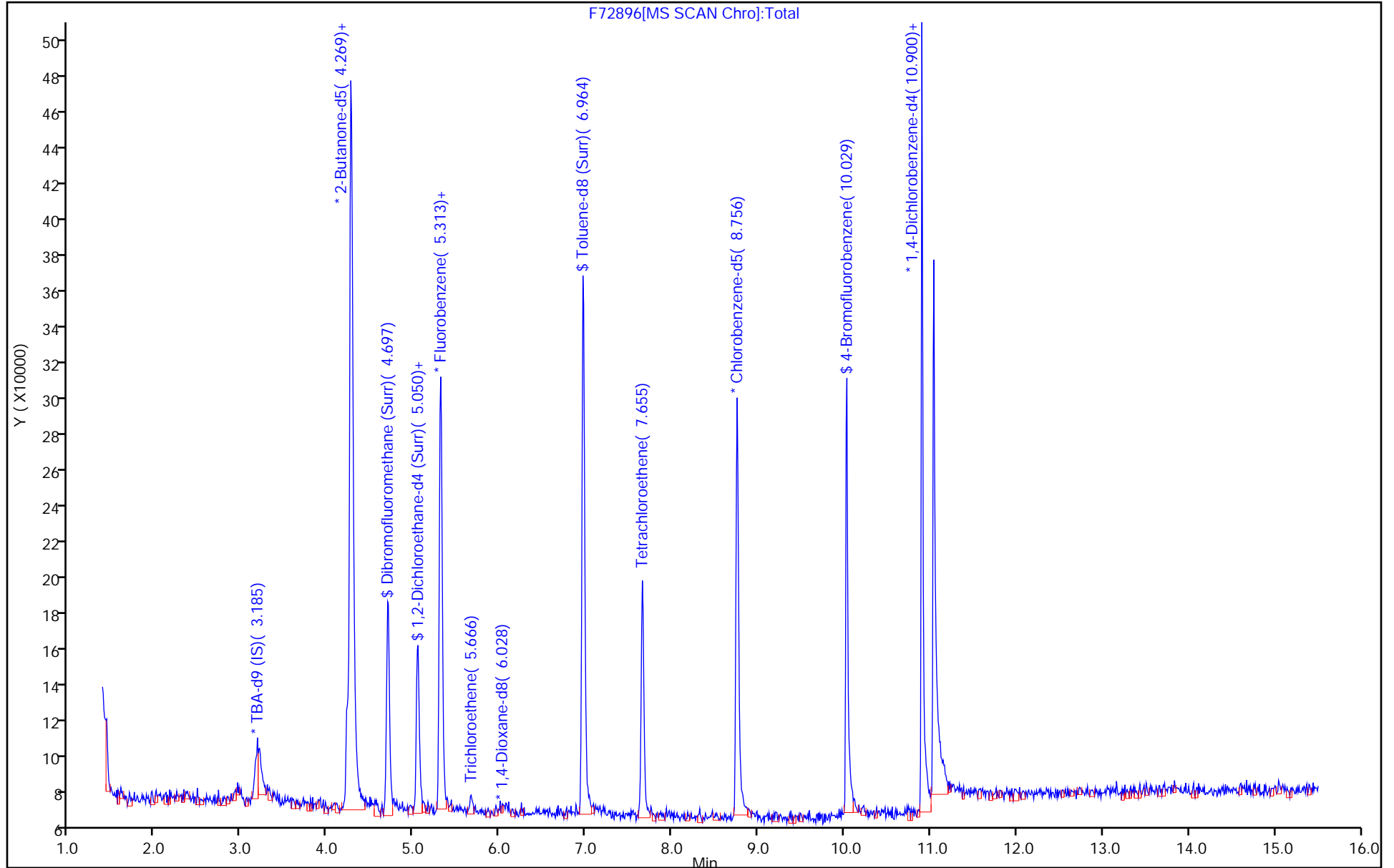
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

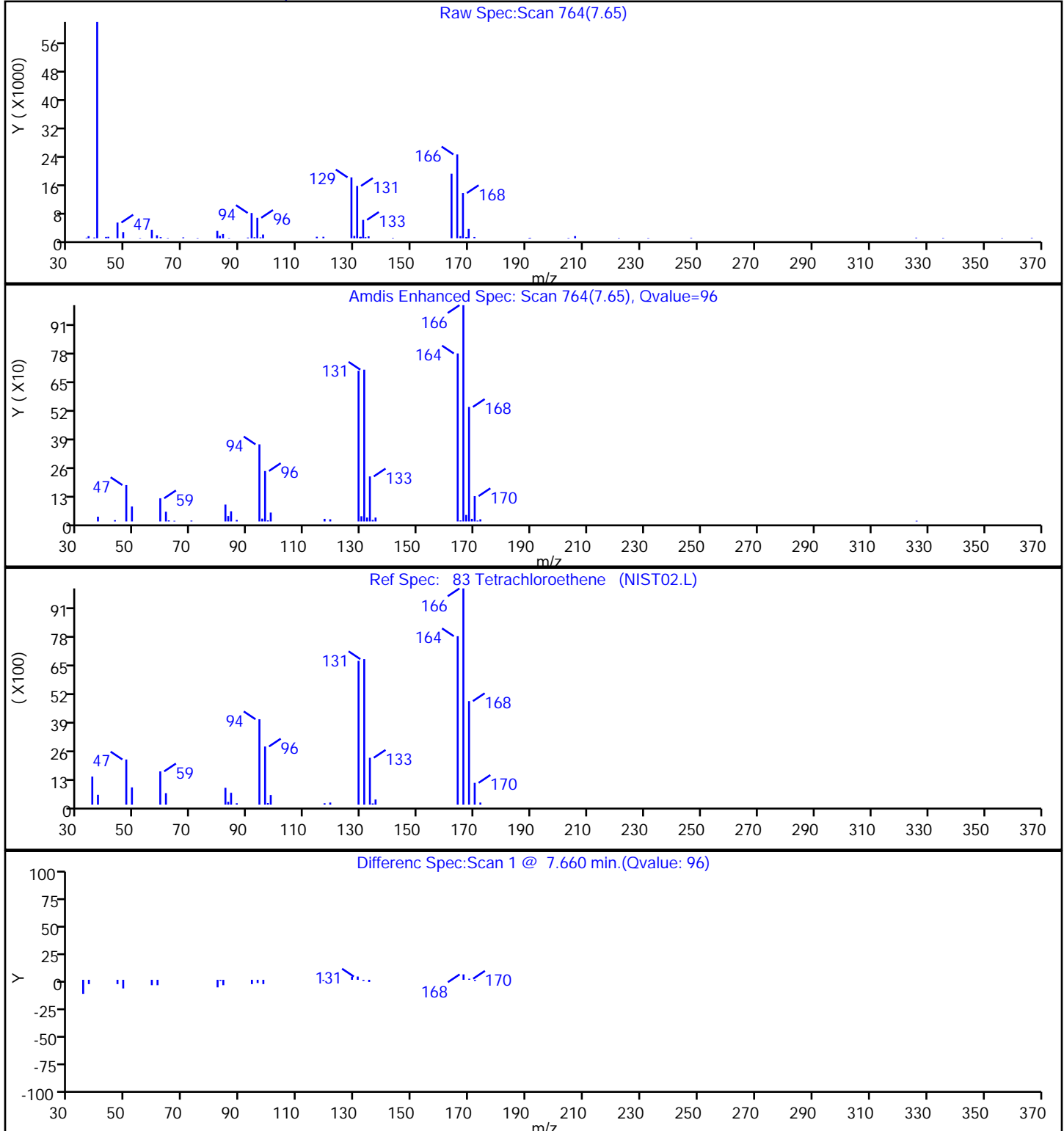
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72896.D  
Injection Date: 29-Oct-2018 13:25:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-10 Lab Sample ID: 460-167890-10  
Client ID: MW-14  
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72896.D

Injection Date: 29-Oct-2018 13:25:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-10

Lab Sample ID: 460-167890-10

Client ID: MW-14

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

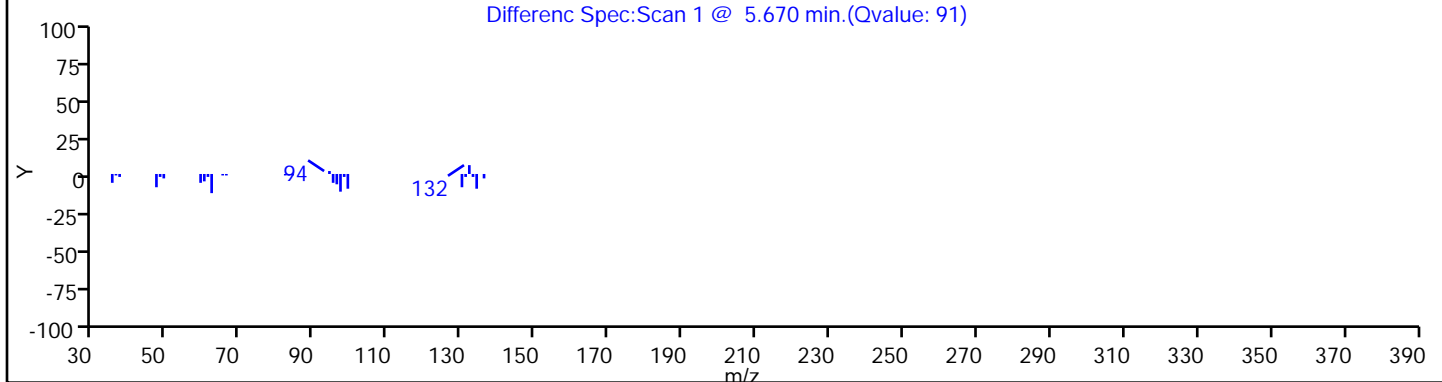
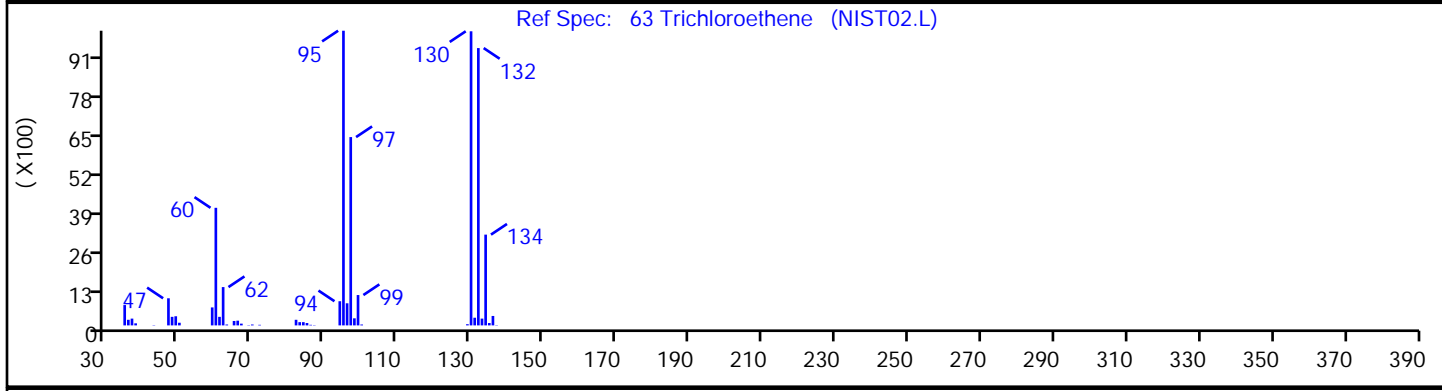
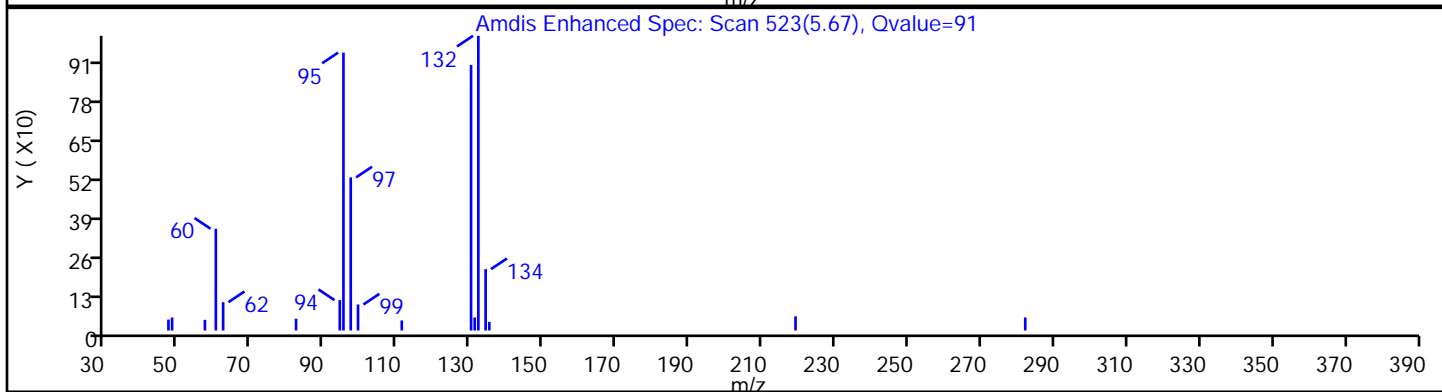
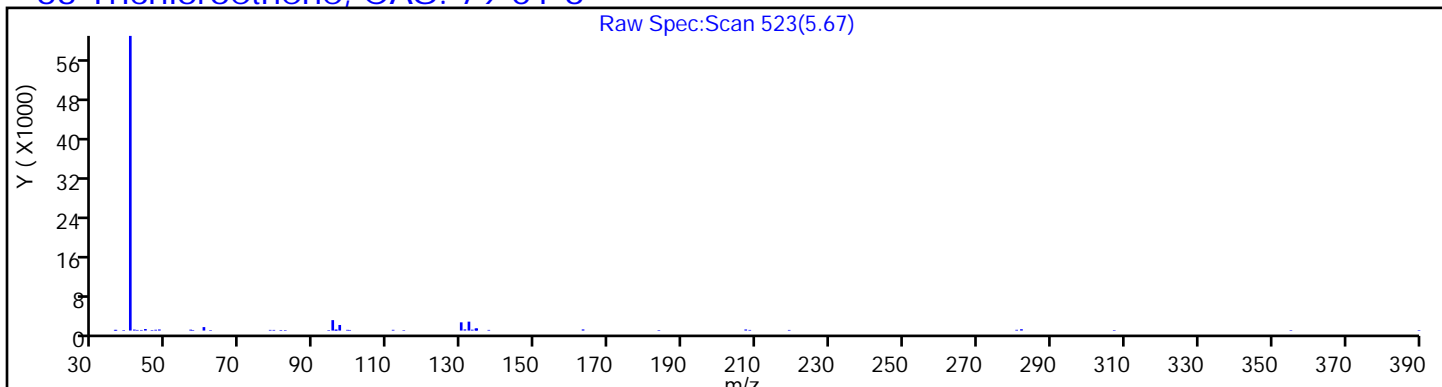
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6



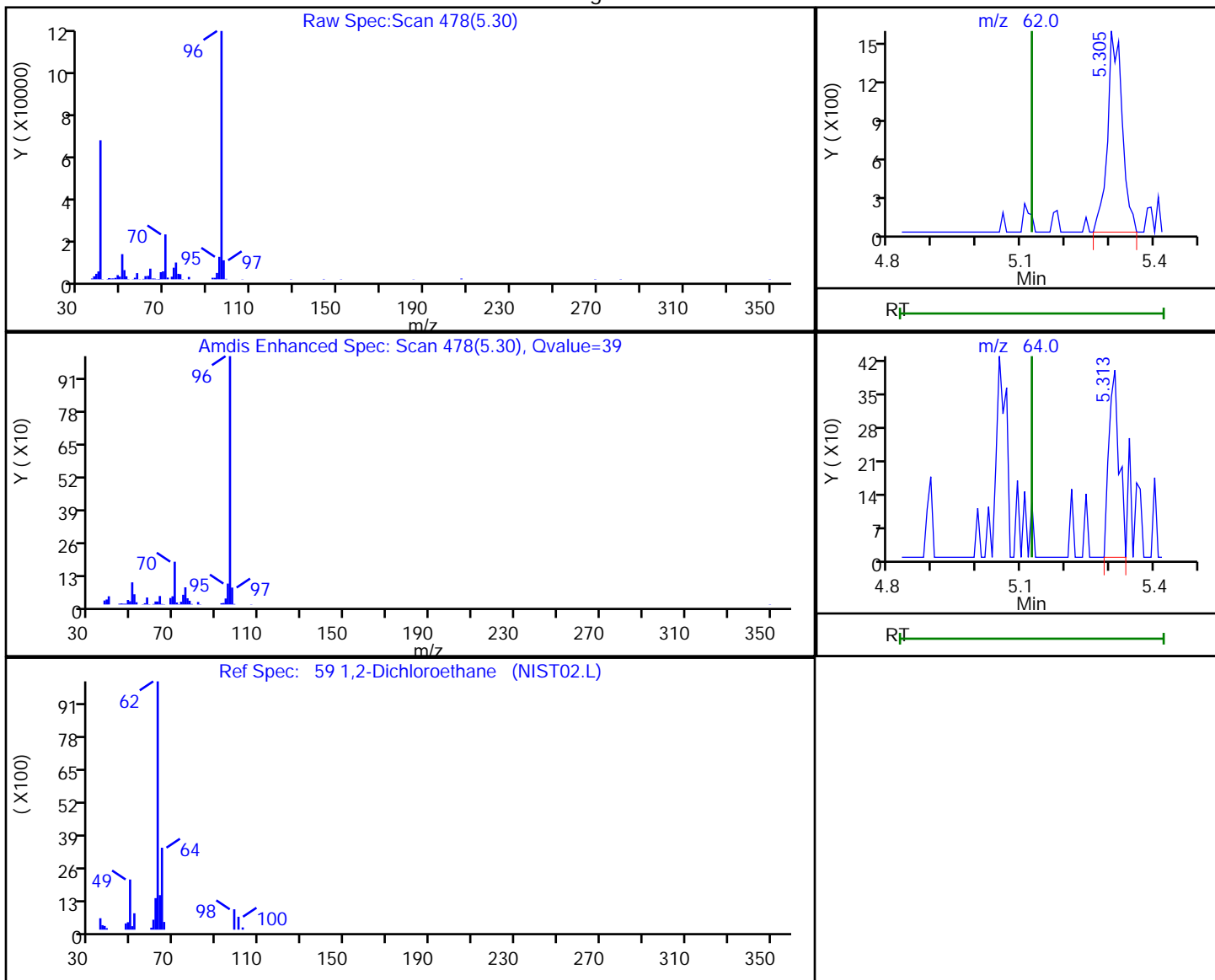


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72896.D  
 Injection Date: 29-Oct-2018 13:25:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-10 Lab Sample ID: 460-167890-10  
 Client ID: MW-14  
 Operator ID: ALS Bottle#: 25 Worklist Smp#: 26  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	3577	0.868322
5.31	64.00	637	

Reviewer: parekhv, 29-Oct-2018 19:51:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-15S Lab Sample ID: 460-167890-11  
 Matrix: Water Lab File ID: F72911.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:35  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 20:35  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	0.59	J	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-15S Lab Sample ID: 460-167890-11  
 Matrix: Water Lab File ID: F72911.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:35  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 20:35  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.46	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	0.51	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	111		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72911.D  
 Lims ID: 460-167890-A-11  
 Client ID: MW-15S  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 20:35:30 ALS Bottle#: 10 Worklist Smp#: 11  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-A-11  
 Misc. Info.: 460-0081094-011  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 11:56:36 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: tupayachia

Date: 30-Oct-2018 03:45:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.176	3.201	-0.025	0	124094	1000.0	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	112326	250.0	
40 cis-1,2-Dichloroethene	96	4.277	4.269	0.008	32	3029	0.5924	
\$ 51 Dibromofluoromethane (Surr	113	4.696	4.705	-0.009	98	95995	57.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	85272	52.1	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	334851	50.0	
63 Trichloroethene	95	5.682	5.666	0.016	79	2037	0.5149	
* 67 1,4-Dioxane-d8	96	6.044	6.011	0.033	0	12183	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	99	293547	55.4	
83 Tetrachloroethene	166	7.663	7.655	0.008	45	1613	0.4589	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	200394	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	96	83406	54.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	114707	50.0	

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72911.D

Injection Date: 29-Oct-2018 20:35:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-A-11

Lab Sample ID: 460-167890-11

Worklist Smp#: 11

Client ID: MW-15S

Purge Vol: 5.000 mL

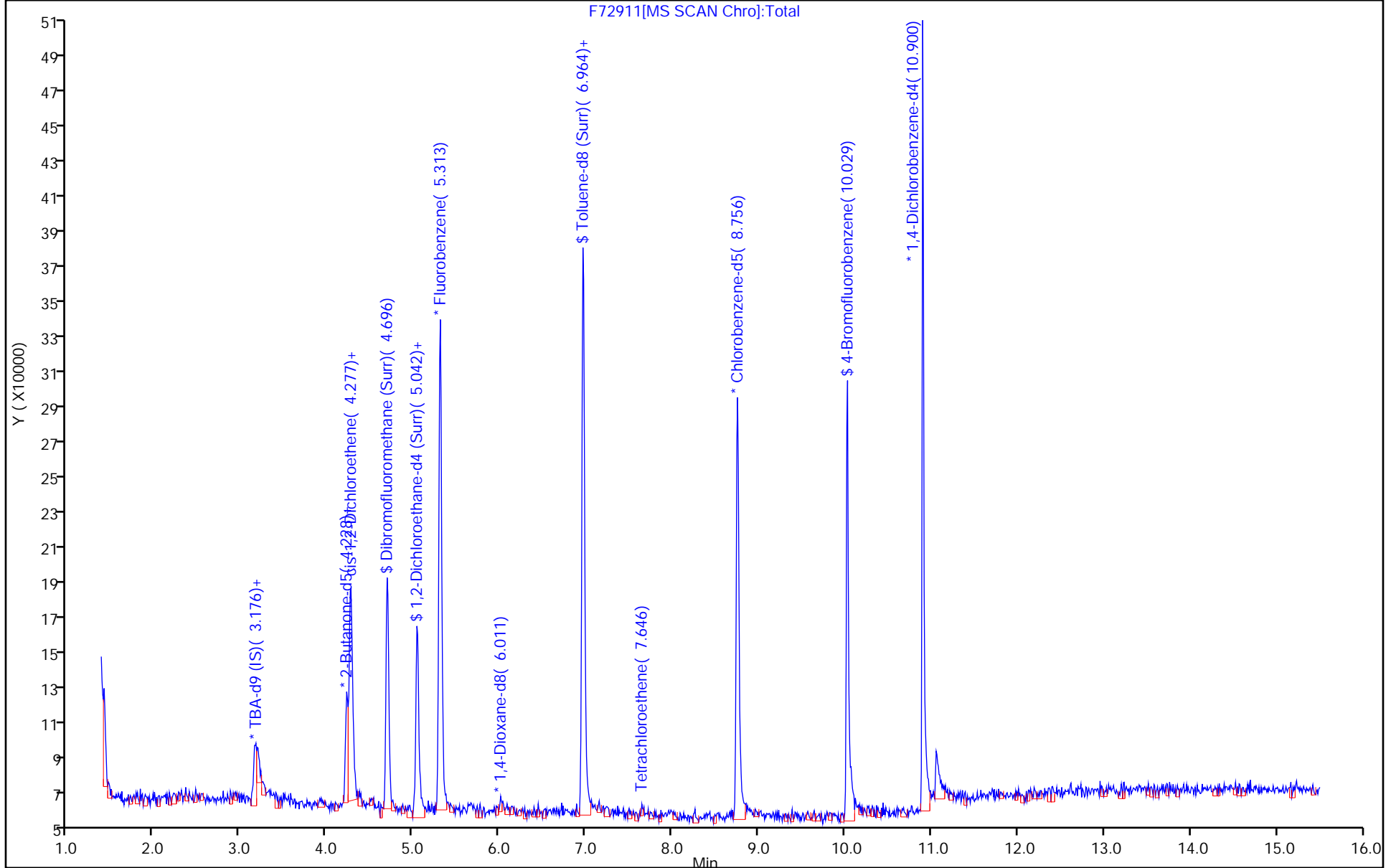
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72911.D

Injection Date: 29-Oct-2018 20:35:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-11

Lab Sample ID: 460-167890-11

Client ID: MW-15S

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

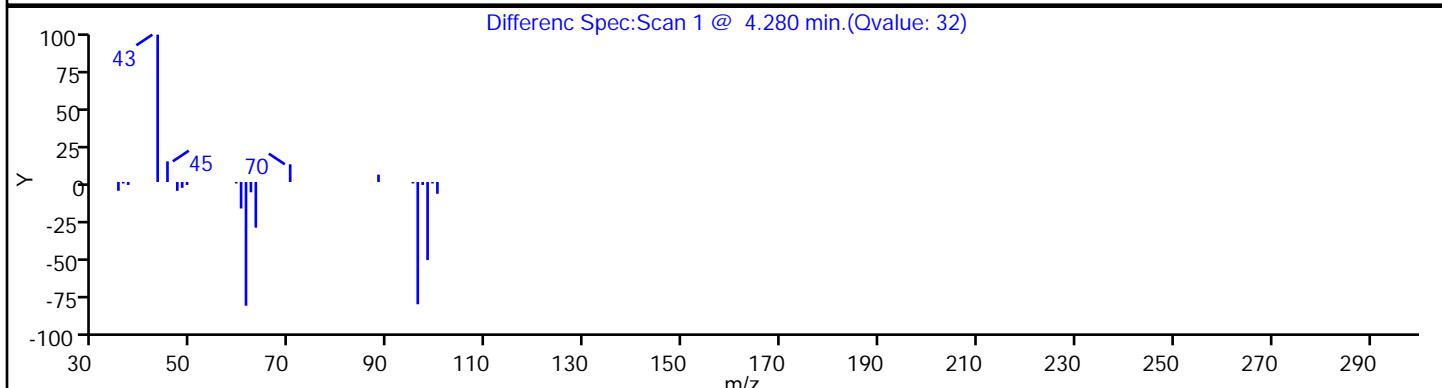
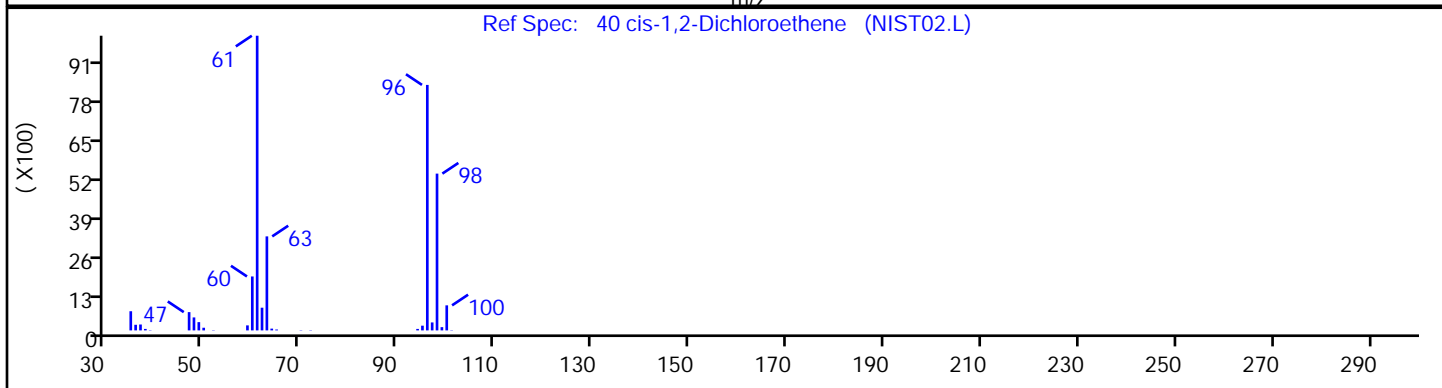
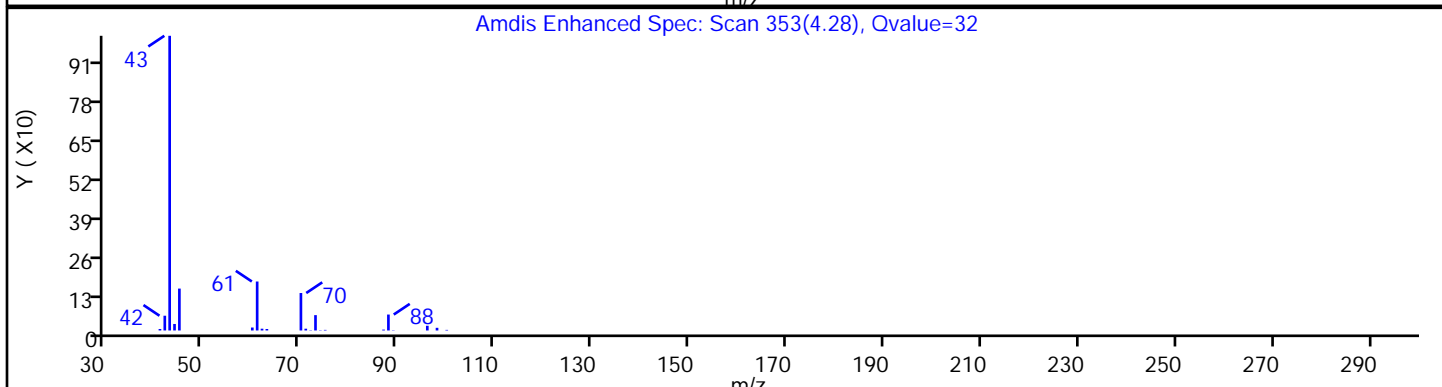
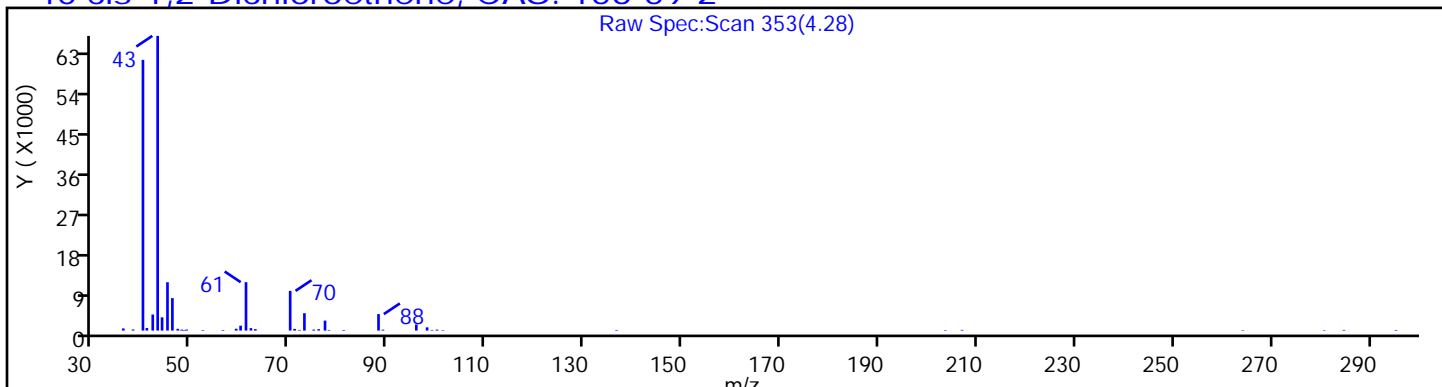
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72911.D

Injection Date: 29-Oct-2018 20:35:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-11

Lab Sample ID: 460-167890-11

Client ID: MW-15S

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

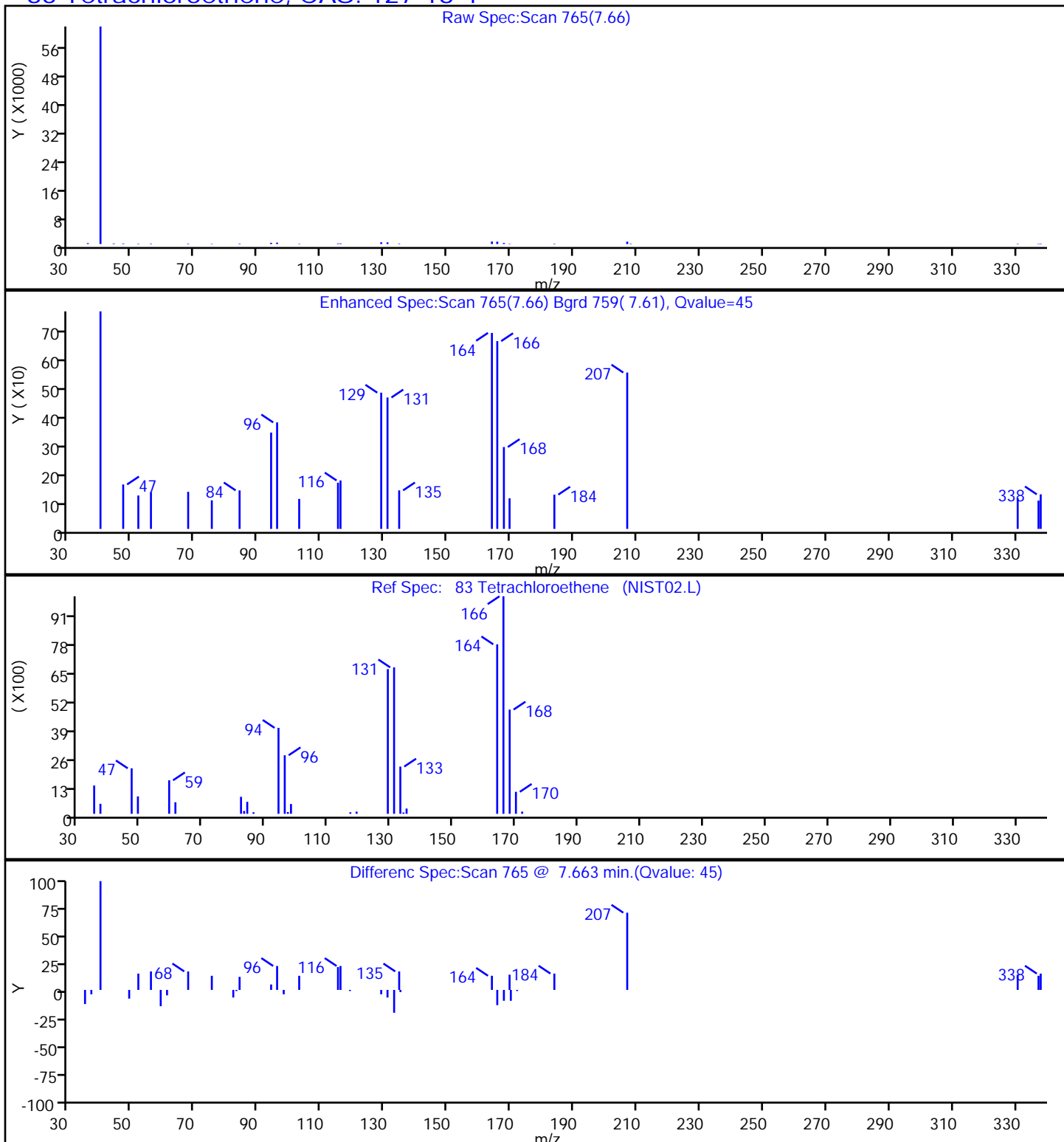
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72911.D

Injection Date: 29-Oct-2018 20:35:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-A-11

Lab Sample ID: 460-167890-11

Client ID: MW-15S

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

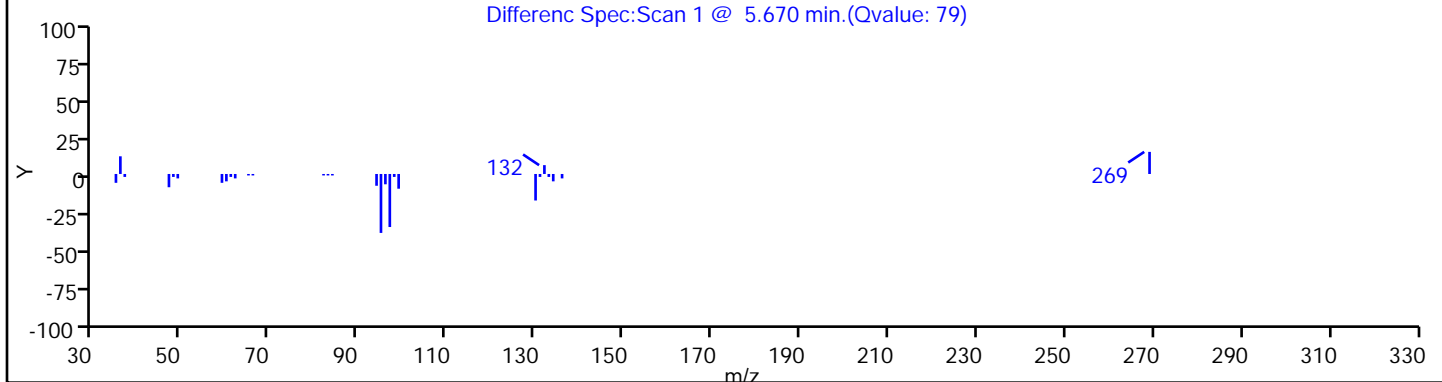
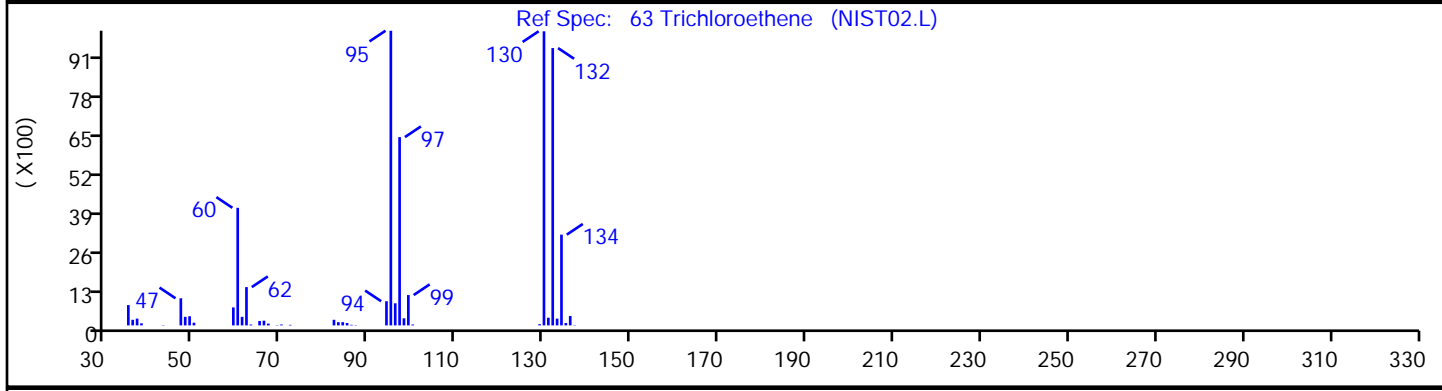
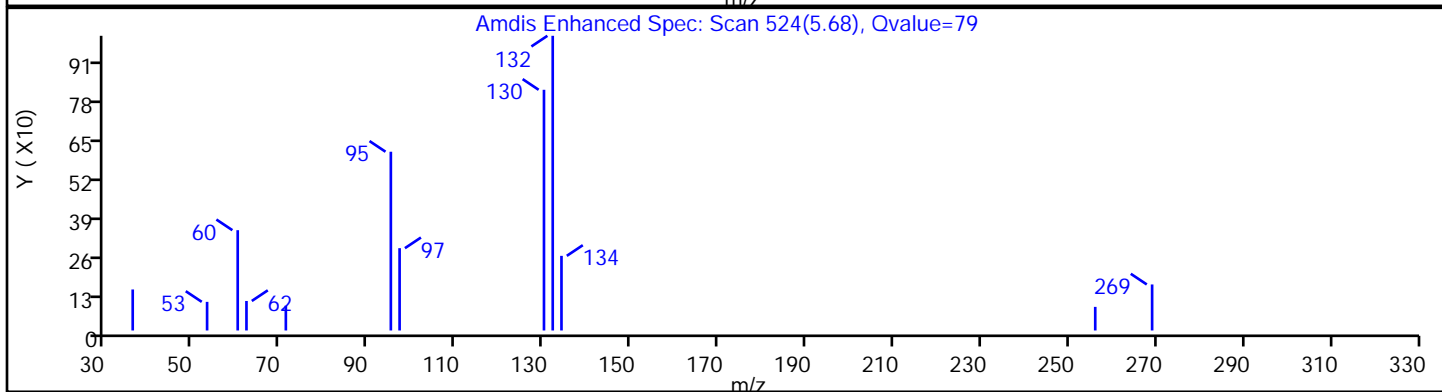
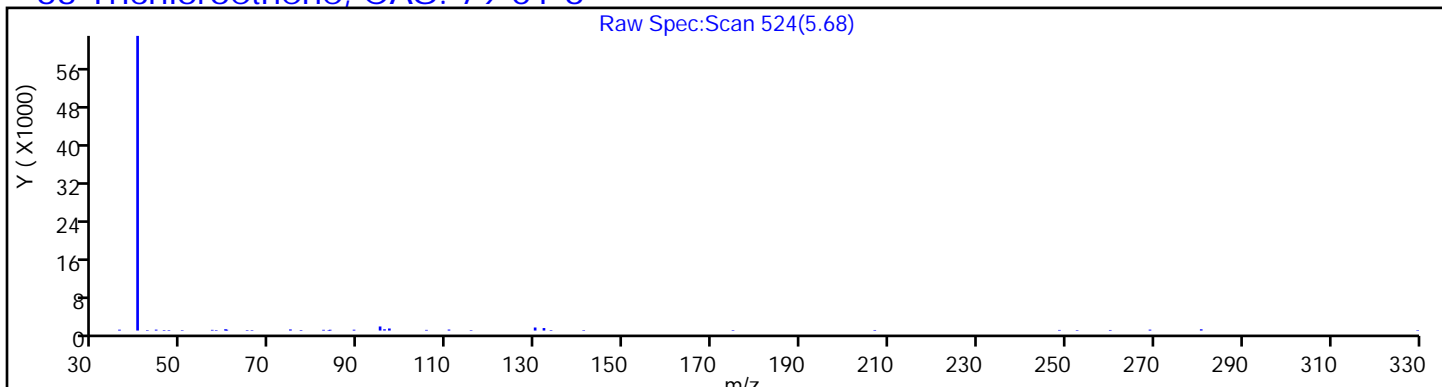
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6





FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-15I Lab Sample ID: 460-167890-12  
 Matrix: Water Lab File ID: F72898.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:23  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 14:12  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.38	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-15I Lab Sample ID: 460-167890-12  
 Matrix: Water Lab File ID: F72898.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 15:23  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 14:12  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	72		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.8		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	110		77-124
1868-53-7	Dibromofluoromethane (Surr)	118		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D  
 Lims ID: 460-167890-B-12  
 Client ID: MW-151  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 14:12:30 ALS Bottle#: 27 Worklist Smp#: 28  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-12  
 Misc. Info.: 460-0081059-028  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:52:01 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: xuyvo

Date: 30-Oct-2018 11:53:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.226	3.201	0.025	0	136563	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	108917	250.0	
48 Chloroform	83	4.549	4.549	0.001	73	2466	0.3812	
\$ 51 Dibromofluoromethane (Surr	113	4.696	4.705	-0.009	98	84947	59.0	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	73508	51.7	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	290928	50.0	
63 Trichloroethene	95	5.658	5.666	-0.008	89	6165	1.79	
* 67 1,4-Dioxane-d8	96	6.036	6.028	0.008	0	11252	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.008	100	266090	51.2	
83 Tetrachloroethene	166	7.655	7.663	-0.008	97	249134	72.3	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	196436	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	96	83021	54.9	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	115544	50.0	

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D

Injection Date: 29-Oct-2018 14:12:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-12

Lab Sample ID: 460-167890-12

Worklist Smp#: 28

Client ID: MW-15I

Purge Vol: 5.000 mL

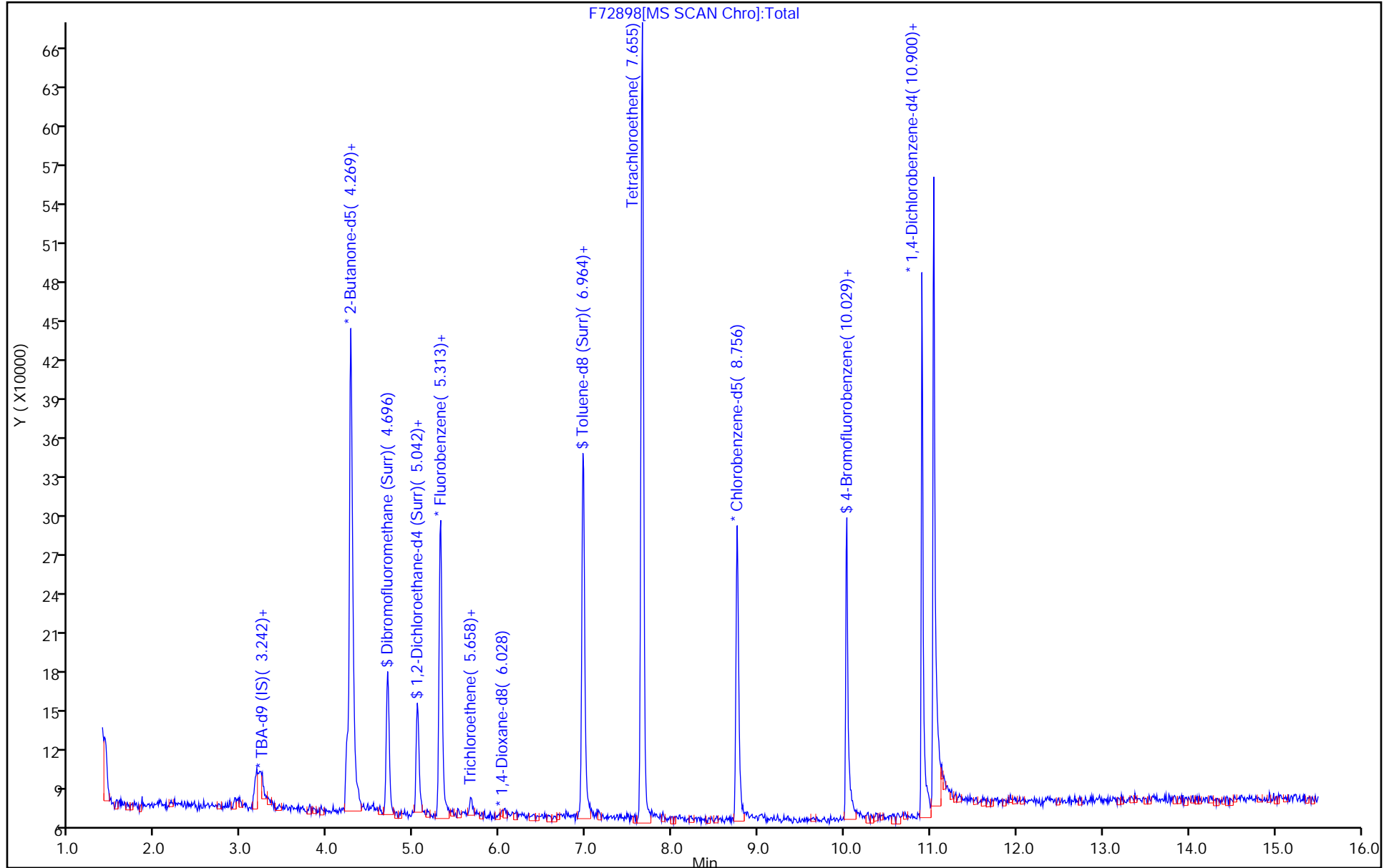
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D

Injection Date: 29-Oct-2018 14:12:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-12

Lab Sample ID: 460-167890-12

Client ID: MW-151

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

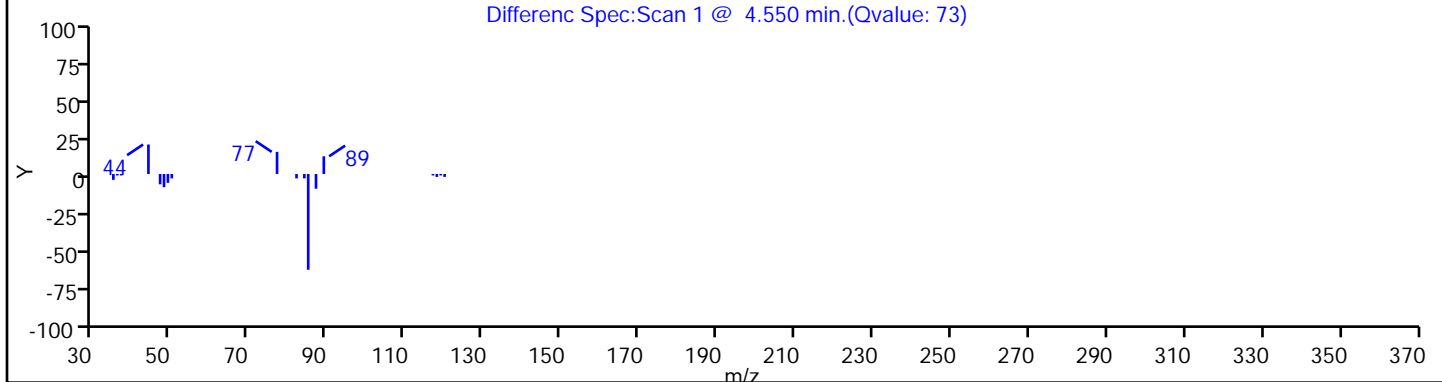
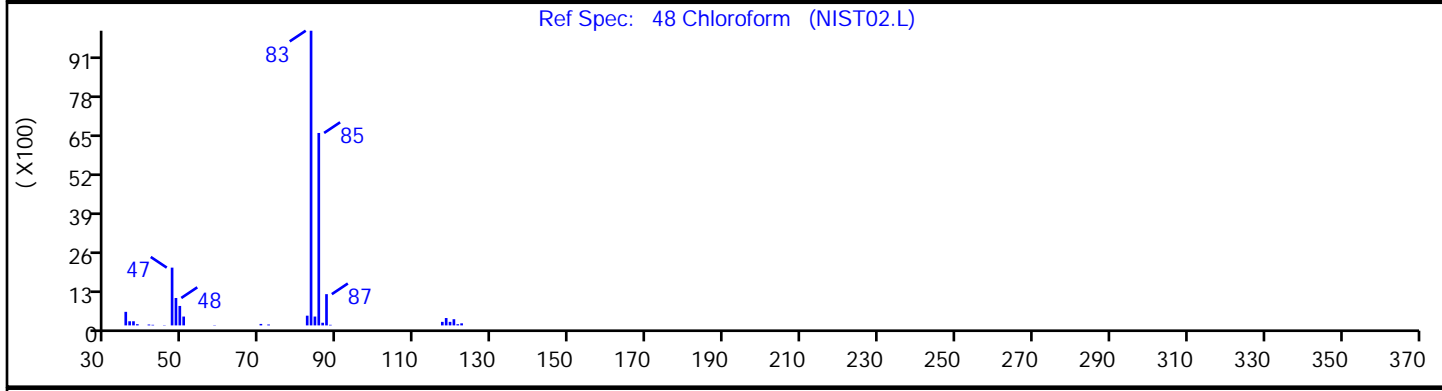
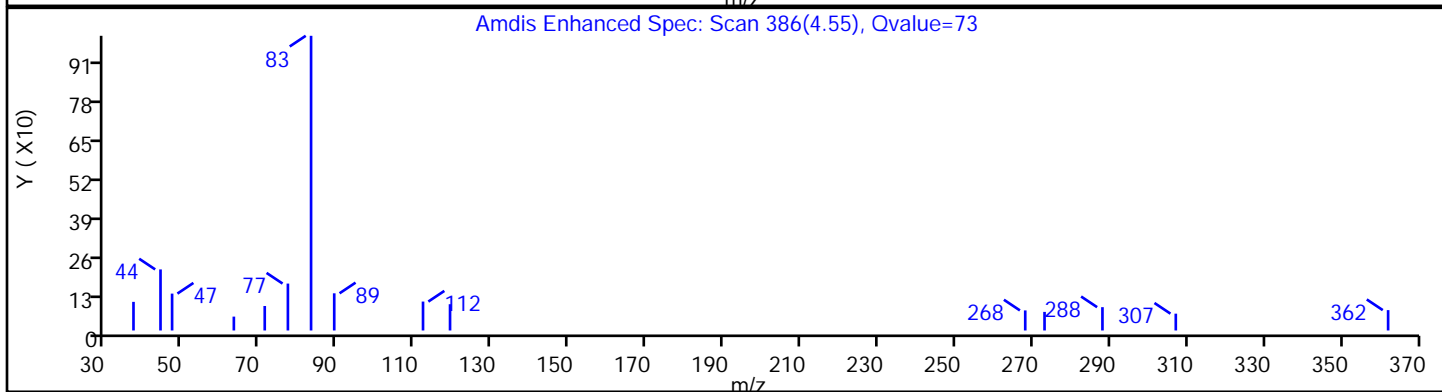
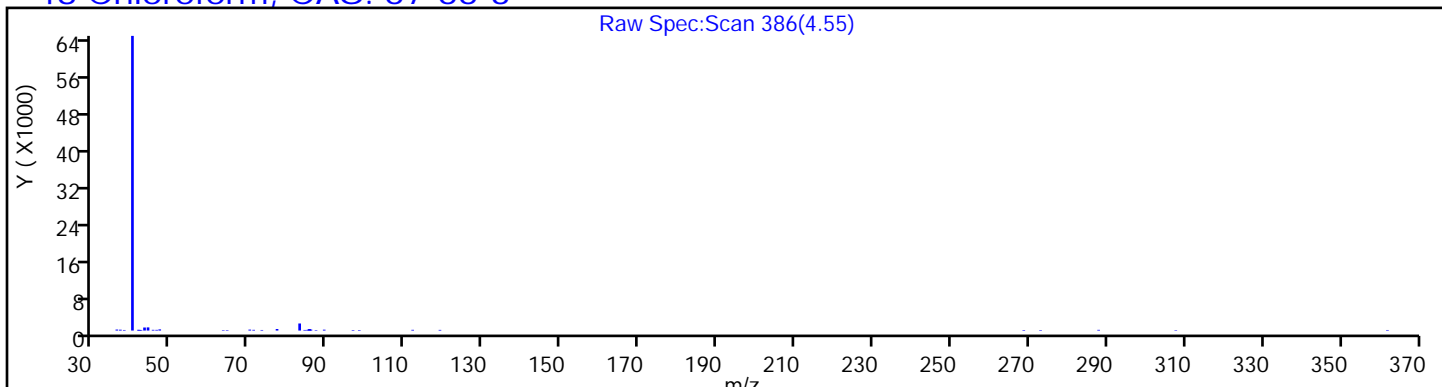
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D

Injection Date: 29-Oct-2018 14:12:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-12

Lab Sample ID: 460-167890-12

Client ID: MW-151

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

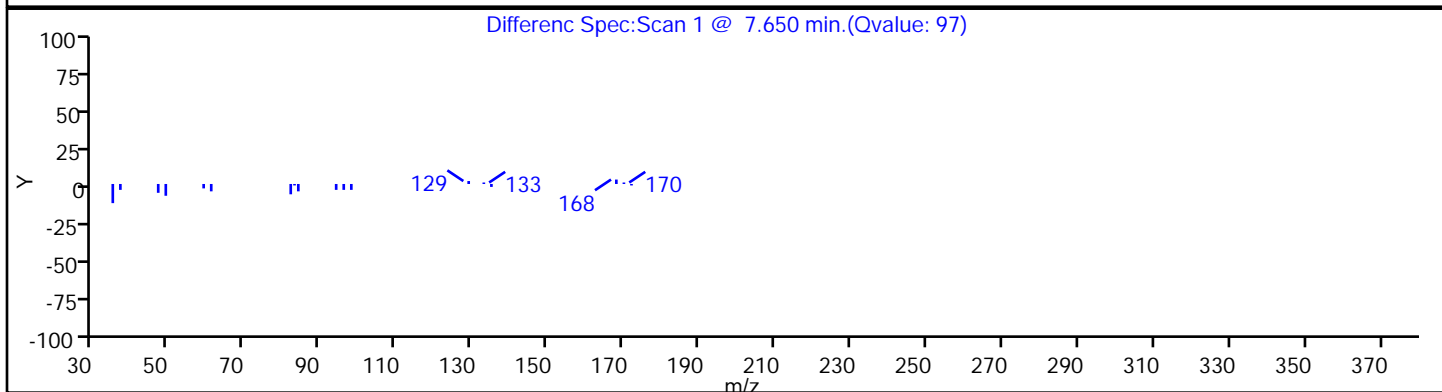
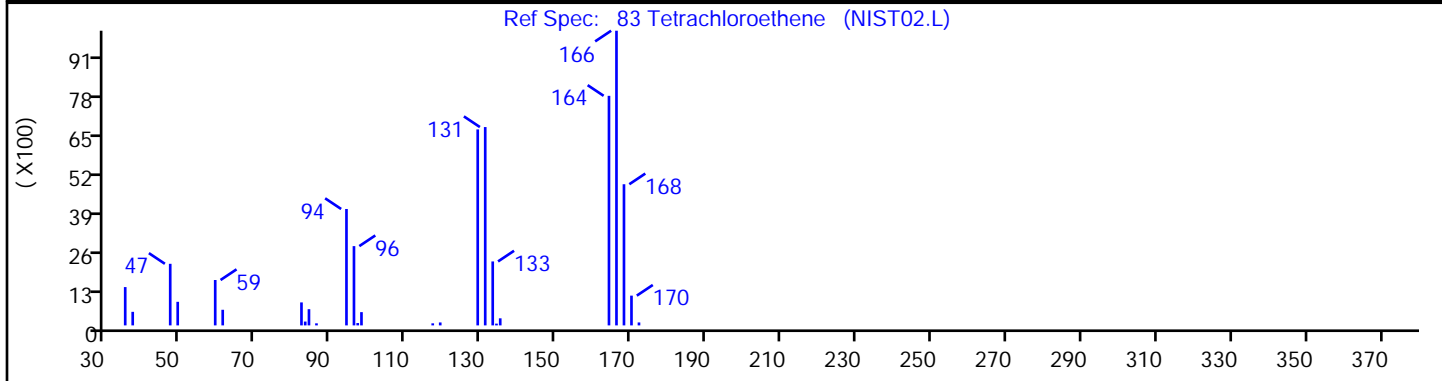
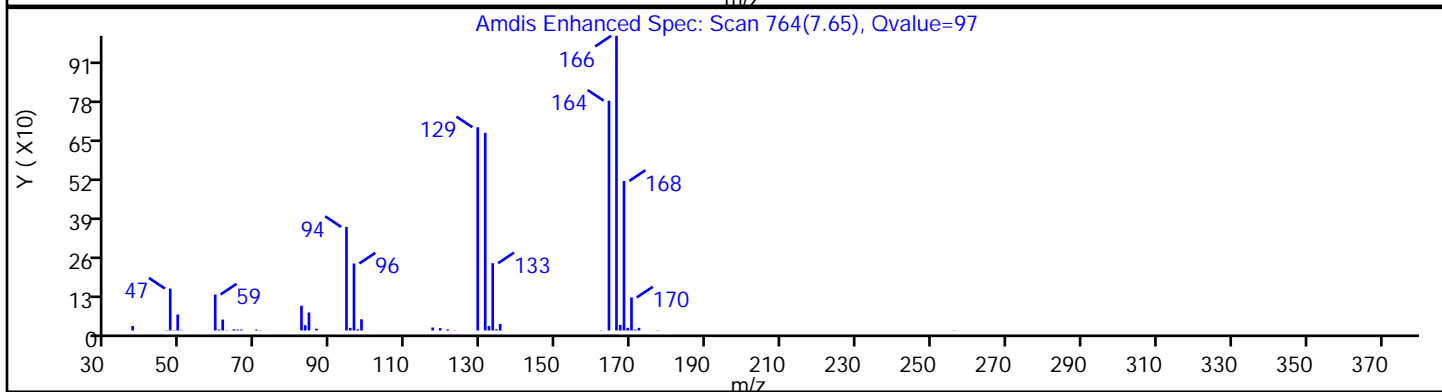
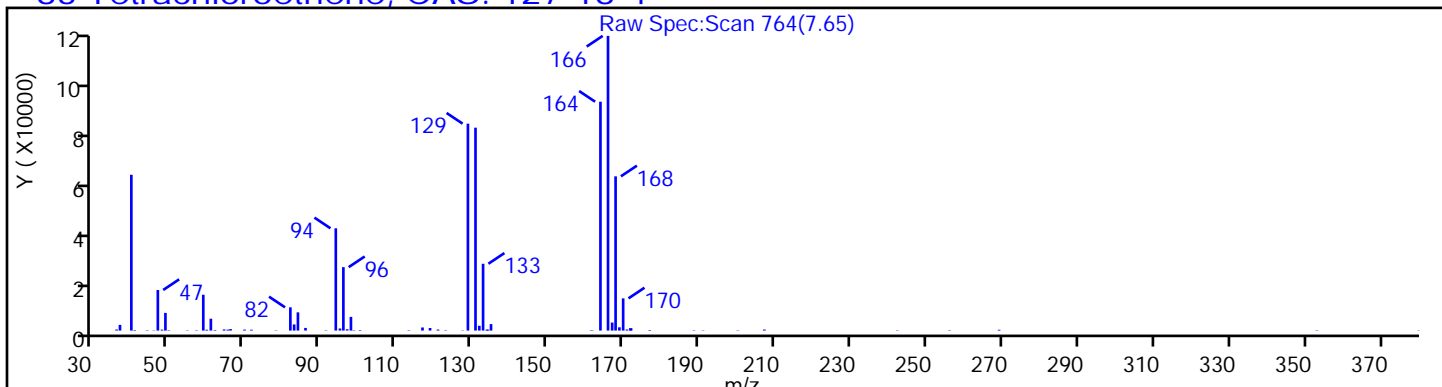
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D

Injection Date: 29-Oct-2018 14:12:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-12

Lab Sample ID: 460-167890-12

Client ID: MW-151

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

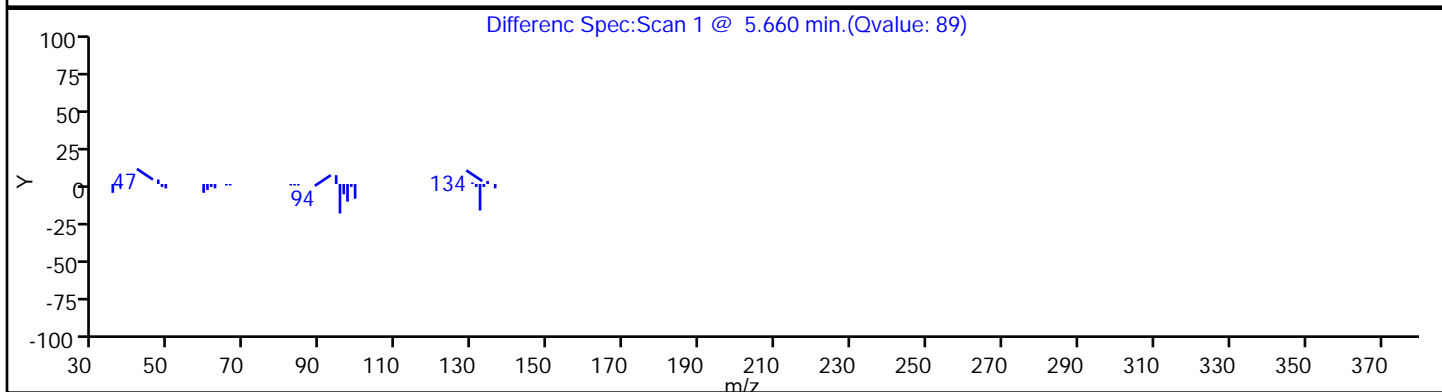
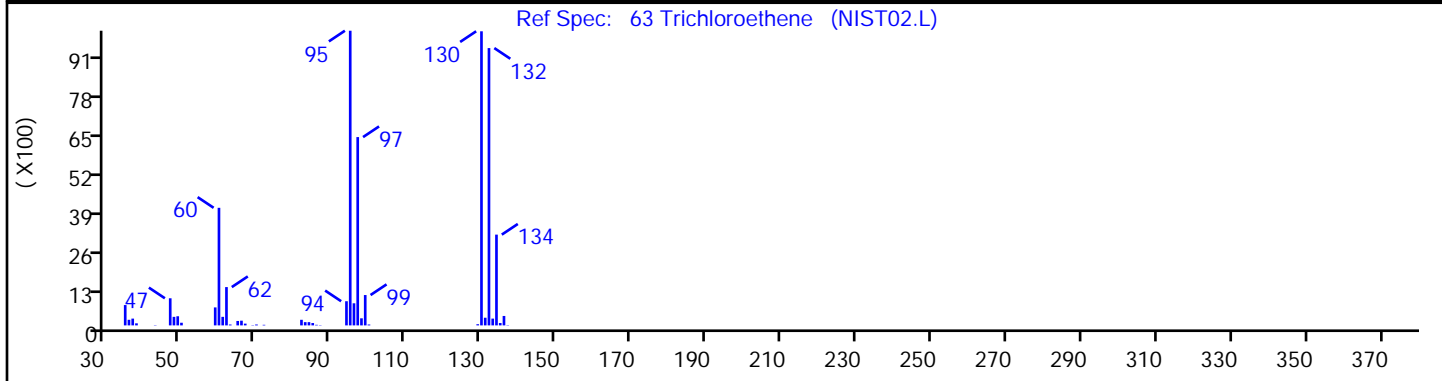
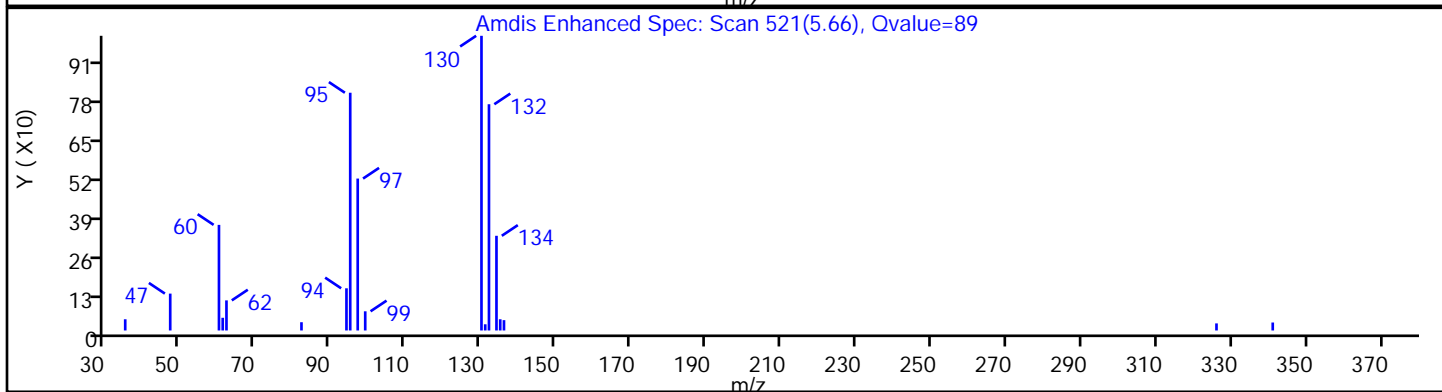
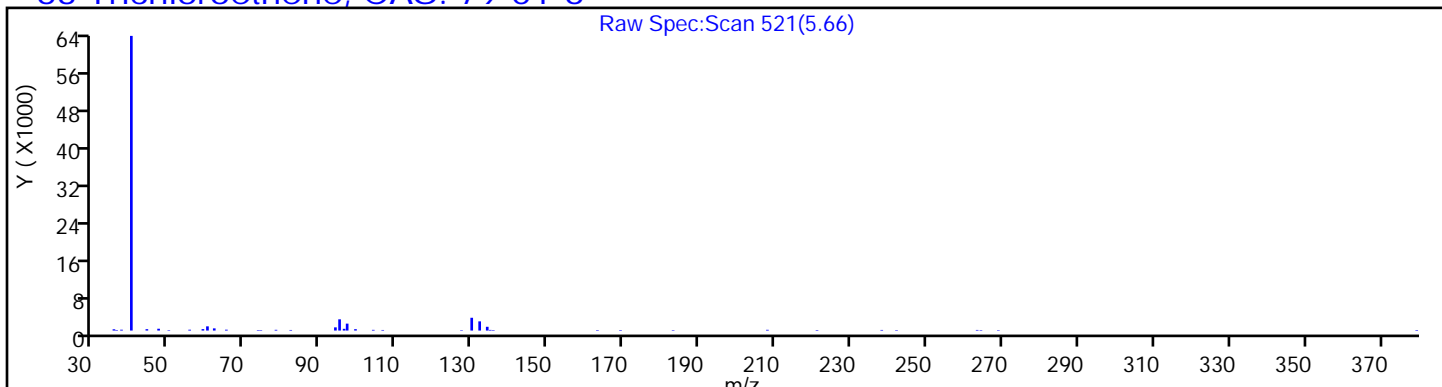
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6

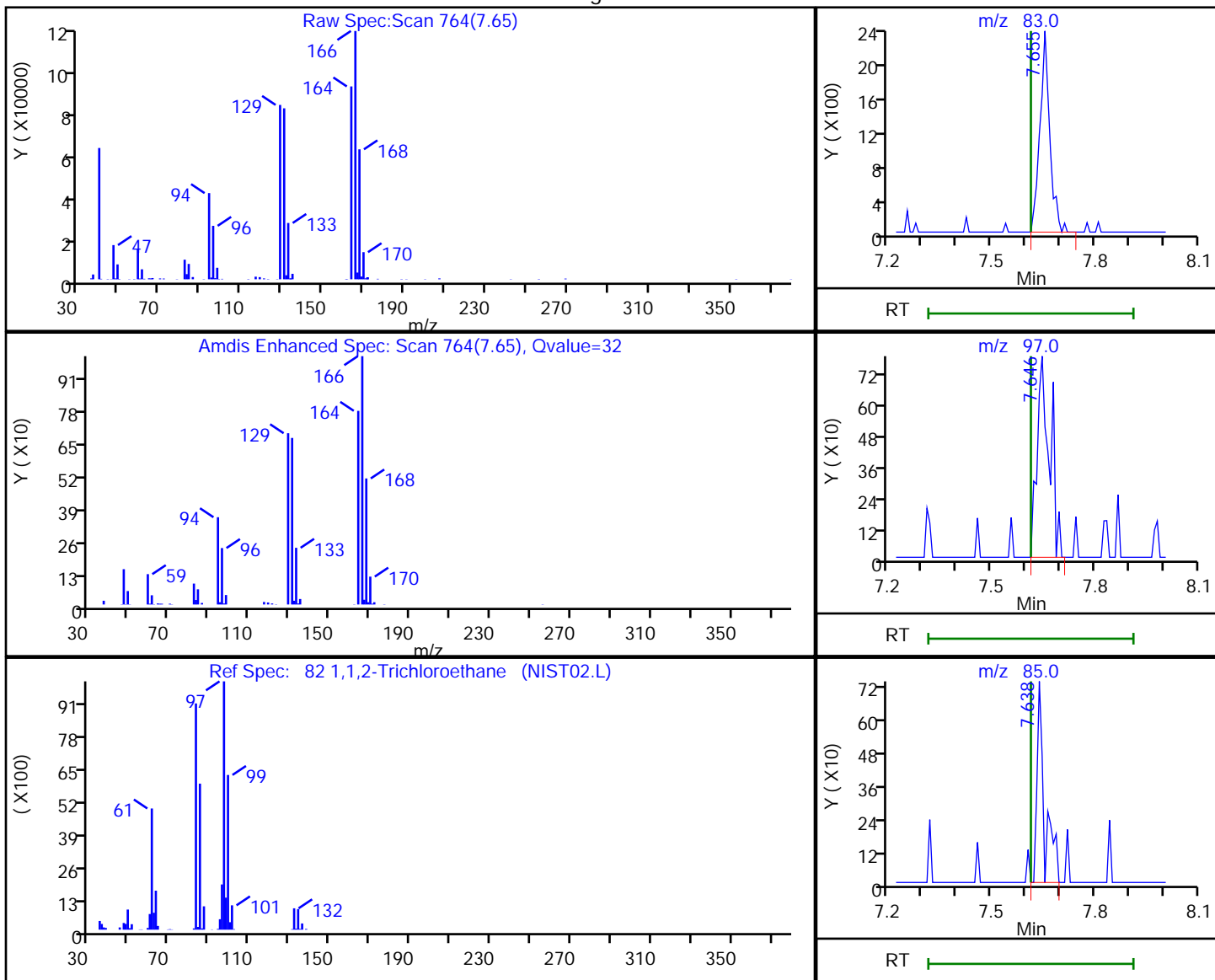


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72898.D  
Injection Date: 29-Oct-2018 14:12:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-12 Lab Sample ID: 460-167890-12  
Client ID: MW-151  
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.65	83.00	4695	1.887525
7.65	97.00	2008	
7.64	85.00	1136	

Reviewer: parekhv, 29-Oct-2018 19:52:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-16 Lab Sample ID: 460-167890-13  
 Matrix: Water Lab File ID: F72899.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 14:36  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-16 Lab Sample ID: 460-167890-13  
 Matrix: Water Lab File ID: F72899.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 16:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 14:36  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	4.2		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	114		77-124
1868-53-7	Dibromofluoromethane (Surr)	123		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72899.D  
 Lims ID: 460-167890-B-13  
 Client ID: MW-16  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 14:36:30 ALS Bottle#: 28 Worklist Smp#: 29  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-13  
 Misc. Info.: 460-0081059-029  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:52:01 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: xuyvo Date: 30-Oct-2018 11:53:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.184	3.201	-0.017	0	102448	1000.0	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	115114	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	98293	61.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	83284	52.7	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	323309	50.0	
* 67 1,4-Dioxane-d8	96	6.028	6.028	0.000	0	8436	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.973	0.000	99	284840	52.8	
83 Tetrachloroethene	166	7.663	7.663	0.000	90	14918	4.17	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	203741	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	96	89540	57.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	121334	50.0	

Reagents:

VOA6IS/SURR\_00013 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72899.D

Injection Date: 29-Oct-2018 14:36:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-13

Lab Sample ID: 460-167890-13

Worklist Smp#: 29

Client ID: MW-16

Purge Vol: 5.000 mL

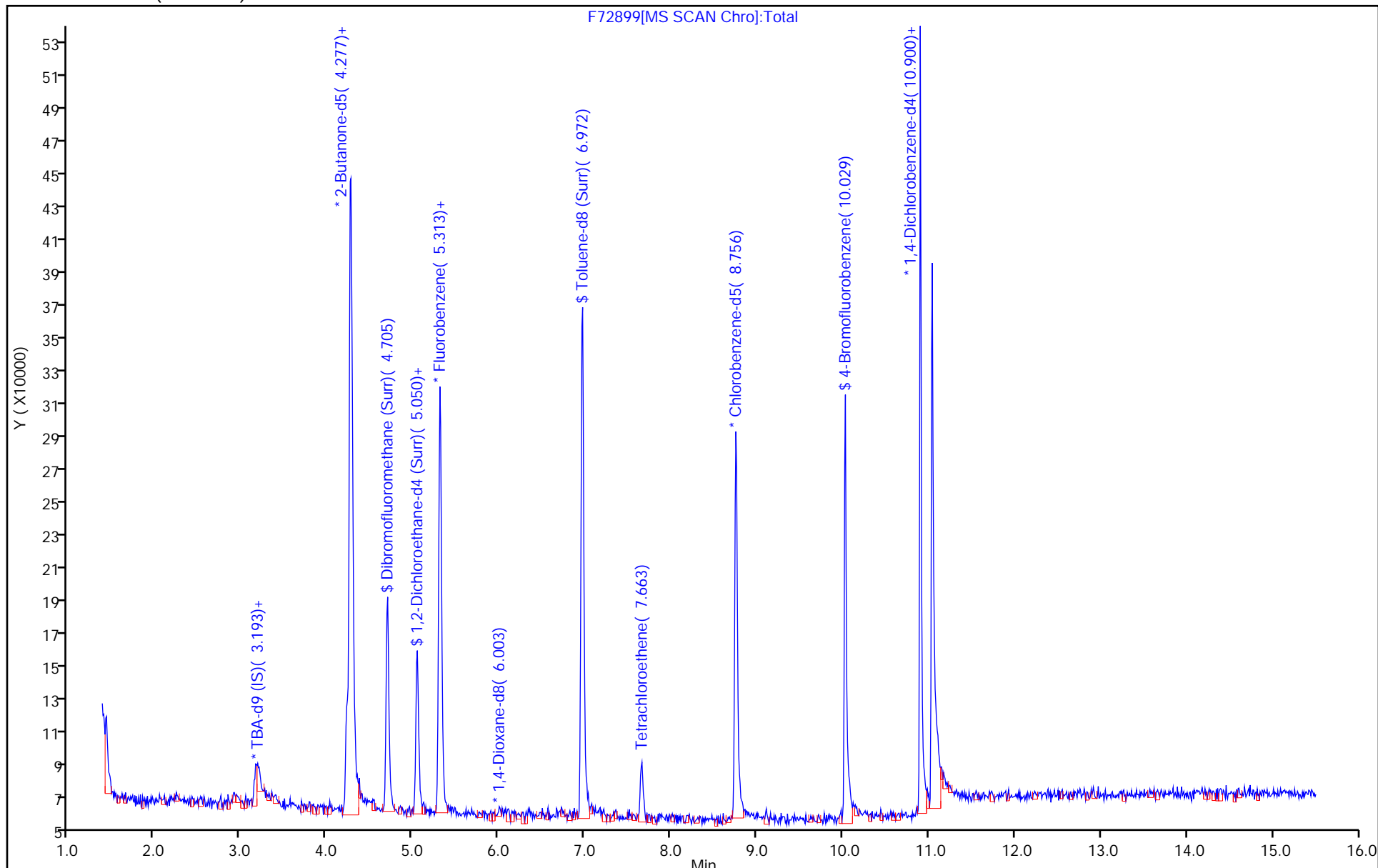
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72899.D

Injection Date: 29-Oct-2018 14:36:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-B-13

Lab Sample ID: 460-167890-13

Client ID: MW-16

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

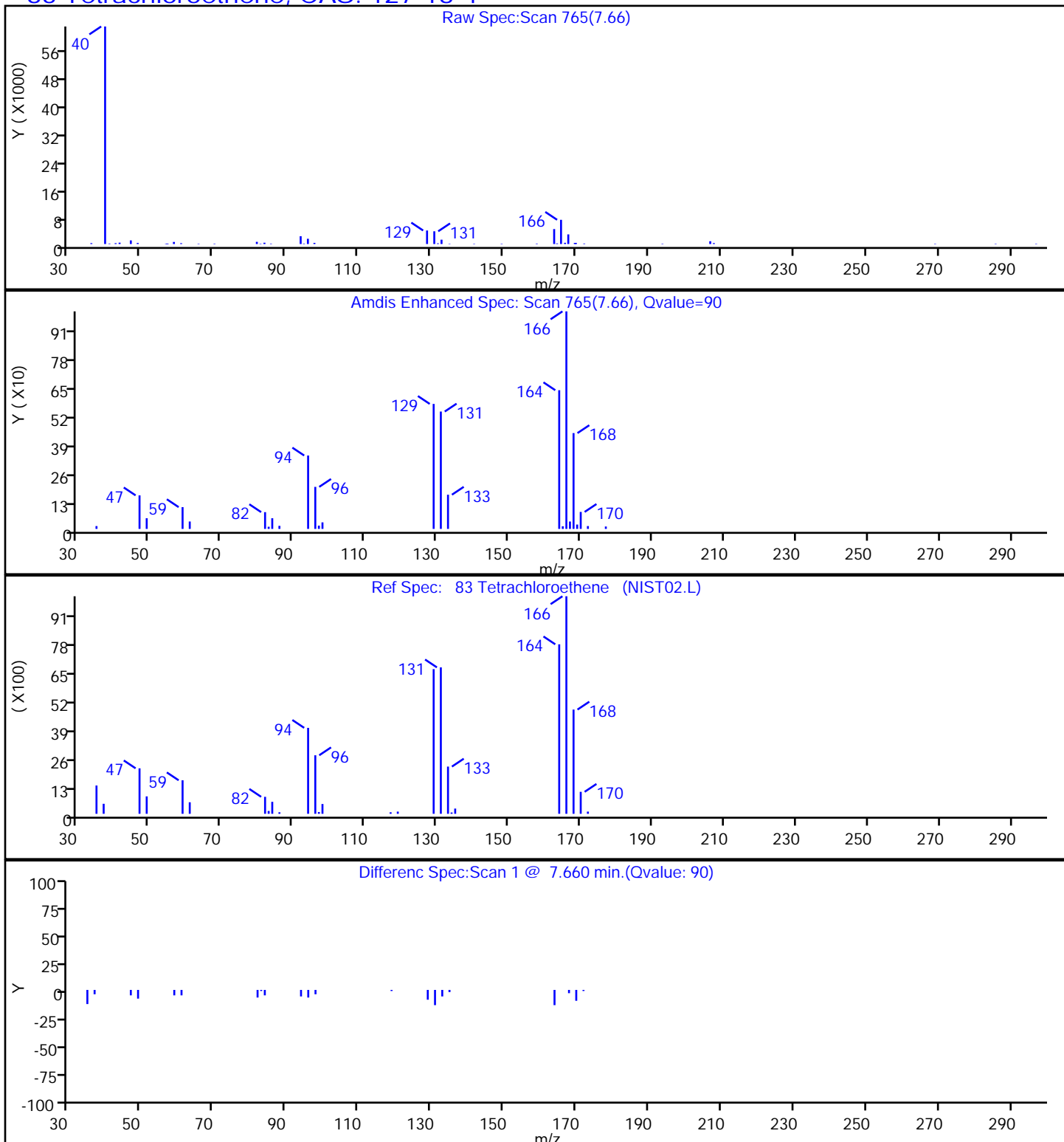
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP1 Lab Sample ID: 460-167890-14  
 Matrix: Water Lab File ID: F72944.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 09:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.62
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.87
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.23
87-61-6	1,2,3-Trichlorobenzene	2.0	U	2.0	0.71
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.73
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.75
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.86
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.68
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	1.5
78-93-3	2-Butanone (MEK)	10	U	10	3.7
591-78-6	2-Hexanone	10	U	10	5.8
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	5.5
67-64-1	Acetone	45		10	10
71-43-2	Benzene	2.0	U	2.0	0.86
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	2.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.31
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
74-97-5	Chlorobromomethane	2.0	U	2.0	0.82
124-48-1	Chlorodibromomethane	2.0	U	2.0	0.56
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.29
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.91
110-82-7	Cyclohexane	2.0	U	2.0	0.64
75-27-4	Dichlorobromomethane	2.0	U	2.0	0.69
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.24
100-41-4	Ethylbenzene	2.0	U	2.0	0.60

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: DUP1 Lab Sample ID: 460-167890-14  
 Matrix: Water Lab File ID: F72944.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 09:52  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 2  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	2.0	U	2.0	1.0
98-82-8	Isopropylbenzene	2.0	U	2.0	0.67
79-20-9	Methyl acetate	10	U	10	0.63
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	0.93
108-87-2	Methylcyclohexane	2.0	U	2.0	0.52
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
179601-23-1	m-Xylene & p-Xylene	2.0	U	2.0	0.59
95-47-6	o-Xylene	2.0	U	2.0	0.72
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	730		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.97
79-01-6	Trichloroethene	34		2.0	0.63
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.29
75-01-4	Vinyl chloride	2.0	U	2.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		74-132
460-00-4	4-Bromofluorobenzene	116		77-124
1868-53-7	Dibromofluoromethane (Surr)	114		72-131
2037-26-5	Toluene-d8 (Surr)	110		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
 Lims ID: 460-167890-C-14  
 Client ID: DUP1  
 Sample Type: Client  
 Inject. Date: 30-Oct-2018 09:52:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 2.0000  
 Sample Info: 460-167890-C-14  
 Misc. Info.: 460-0081111-015  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 15:06:46 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: xuyvo Date: 31-Oct-2018 15:06:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.848	2.848	0.000	80	27760	22.3	M
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	133815	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	122687	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	101862	56.9	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	88196	49.9	
* 61 Fluorobenzene	96	5.321	5.313	0.008	100	361458	50.0	
63 Trichloroethene	95	5.666	5.666	0.000	96	73199	17.1	
* 67 1,4-Dioxane-d8	96	6.044	6.011	0.033	0	12629	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.000	100	322335	55.1	
83 Tetrachloroethene	166	7.655	7.655	0.000	97	1410195	363.9	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	220942	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	96	98916	58.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	133054	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D

Injection Date: 30-Oct-2018 09:52:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-C-14

Lab Sample ID: 460-167890-14

Worklist Smp#: 15

Client ID: DUP1

Purge Vol: 5.000 mL

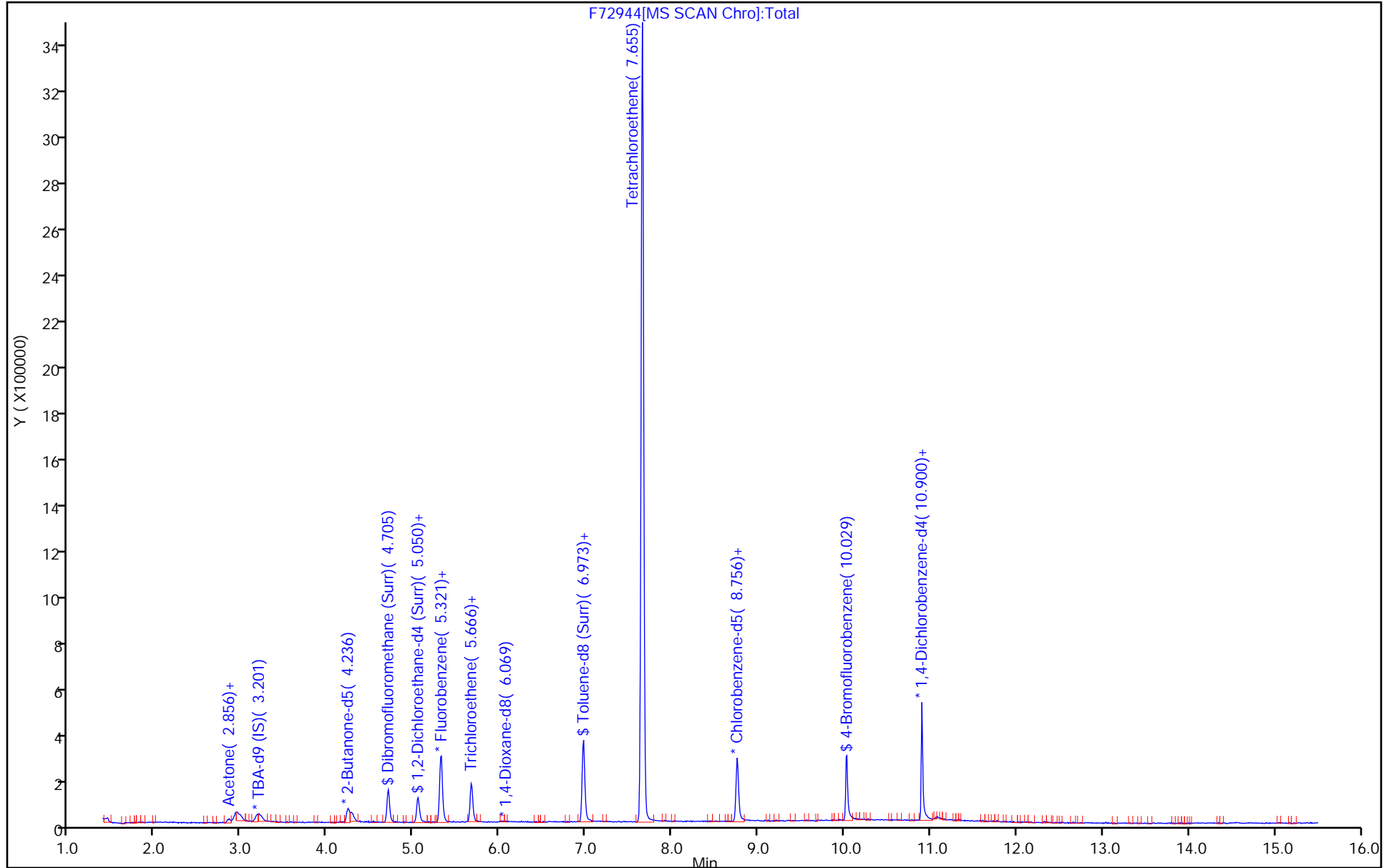
Dil. Factor: 2.0000

ALS Bottle#: 14

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D

Injection Date: 30-Oct-2018 09:52:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-C-14

Lab Sample ID: 460-167890-14

Client ID: DUP1

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

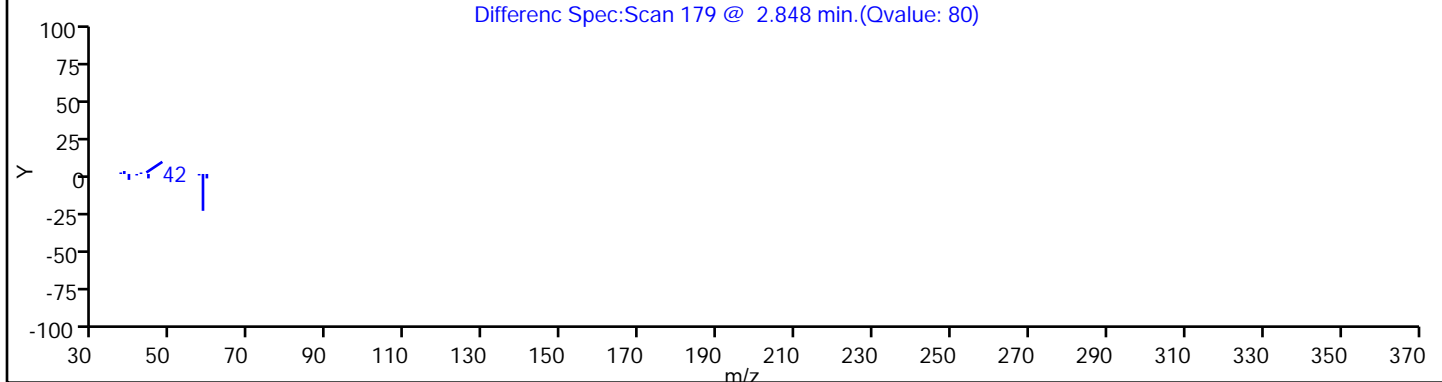
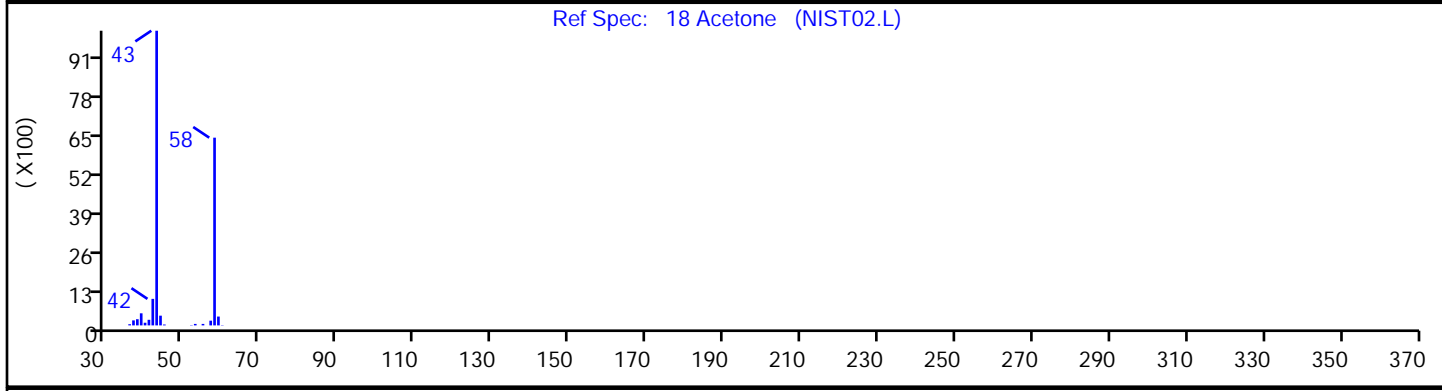
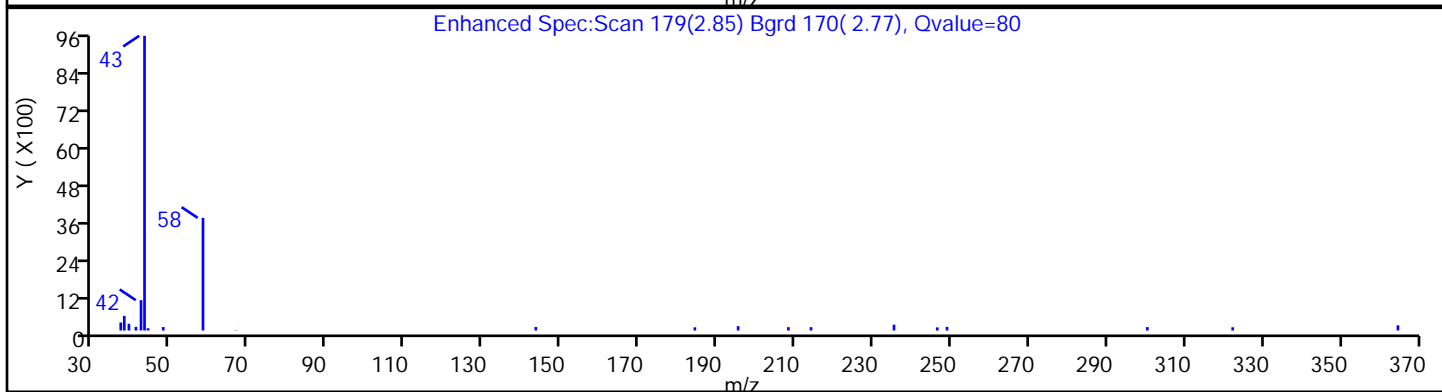
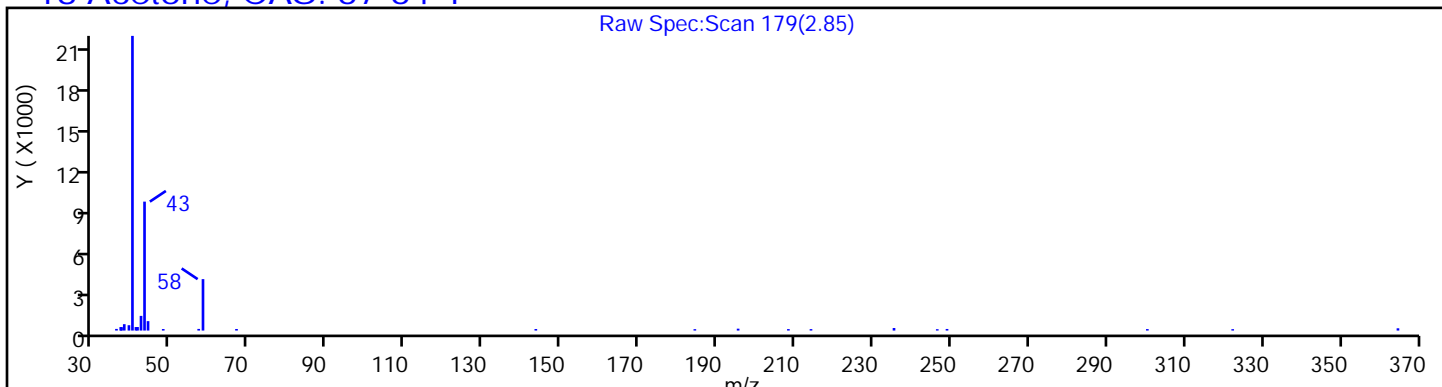
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D

Injection Date: 30-Oct-2018 09:52:30

Instrument ID: CVOAMS6

Lims ID: 460-167890-C-14

Lab Sample ID: 460-167890-14

Client ID: DUP1

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 2.0000

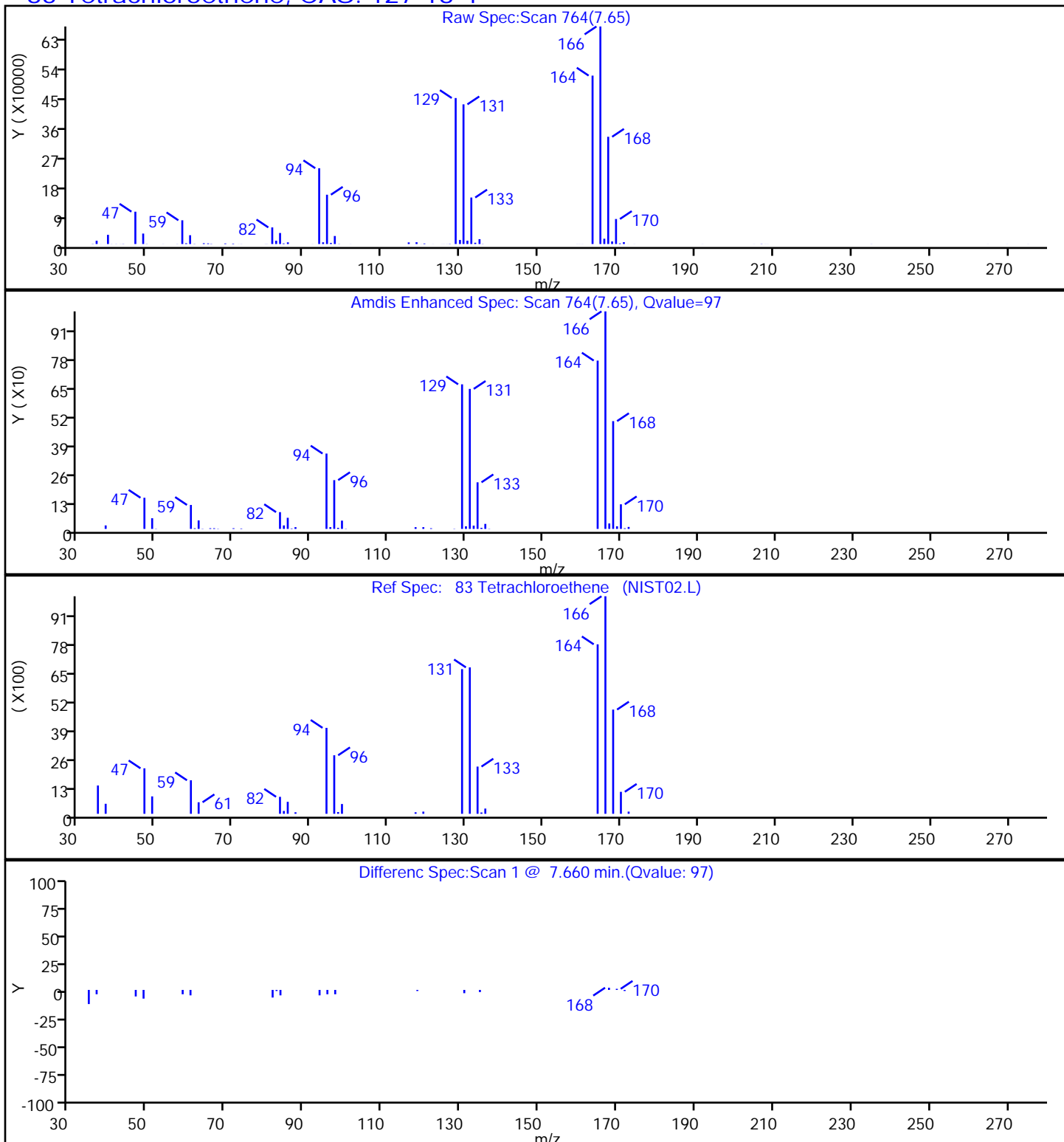
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

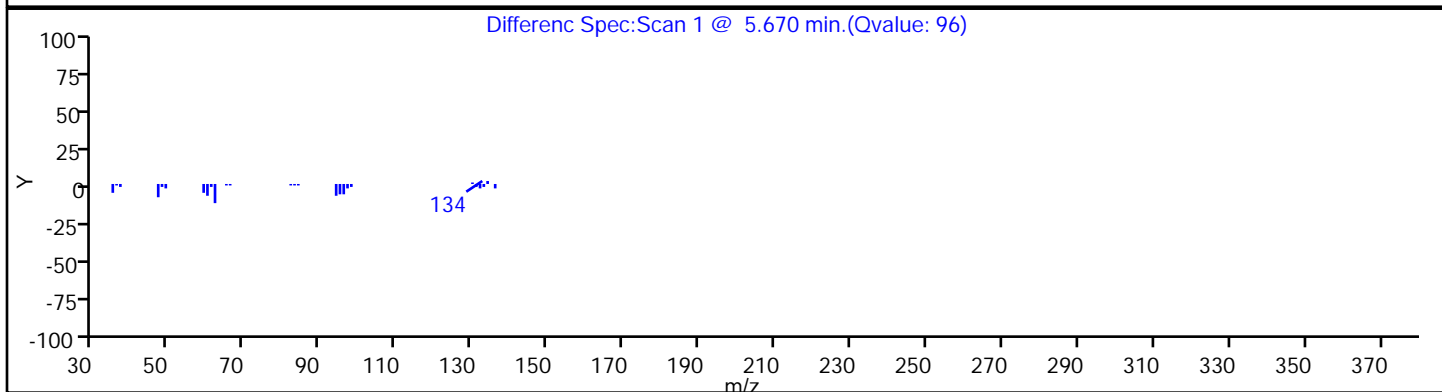
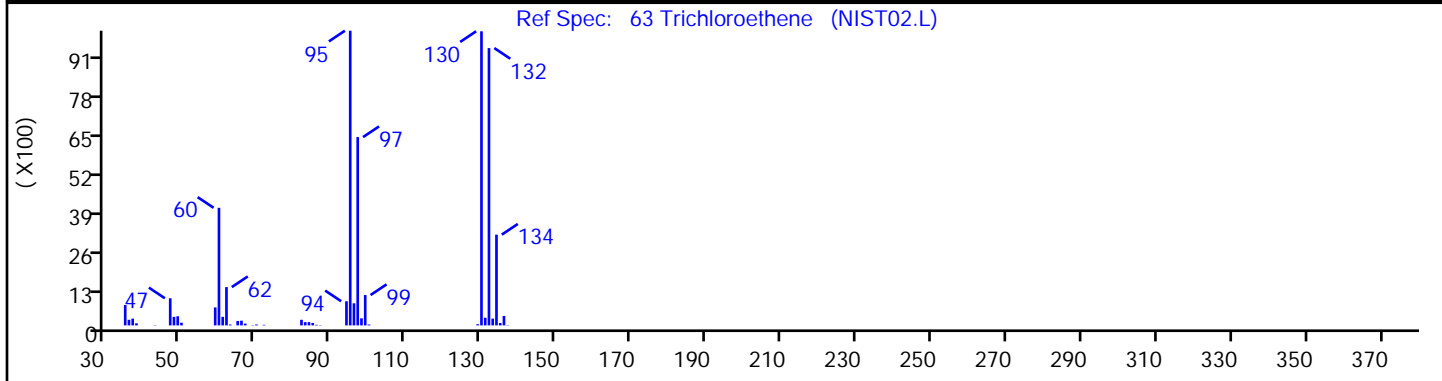
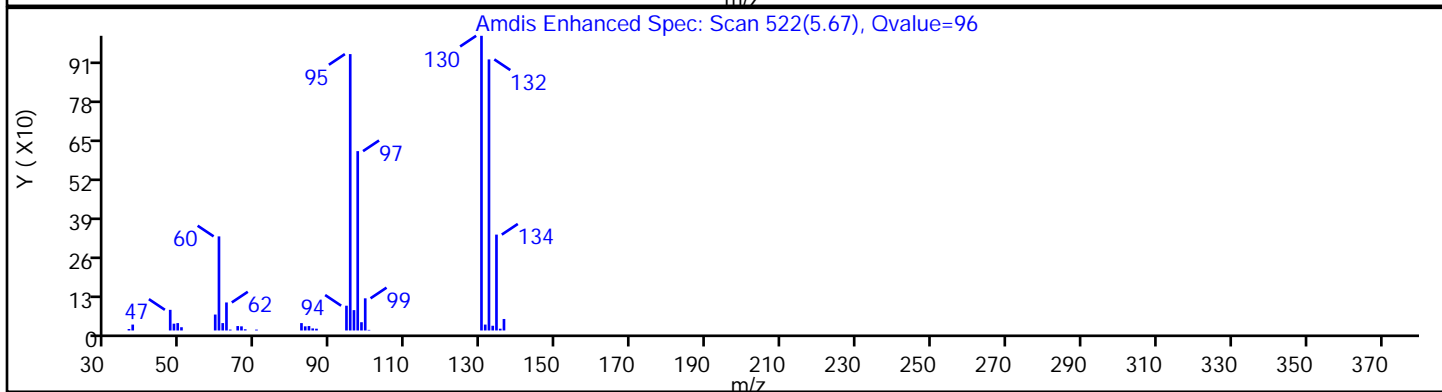
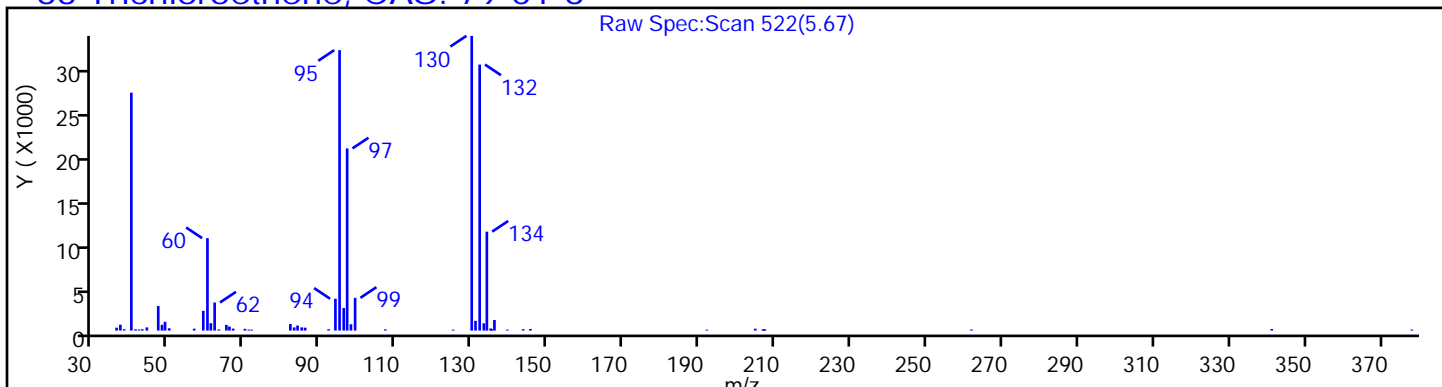
83 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
Injection Date: 30-Oct-2018 09:52:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-C-14 Lab Sample ID: 460-167890-14  
Client ID: DUP1  
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Trichloroethene, CAS: 79-01-6

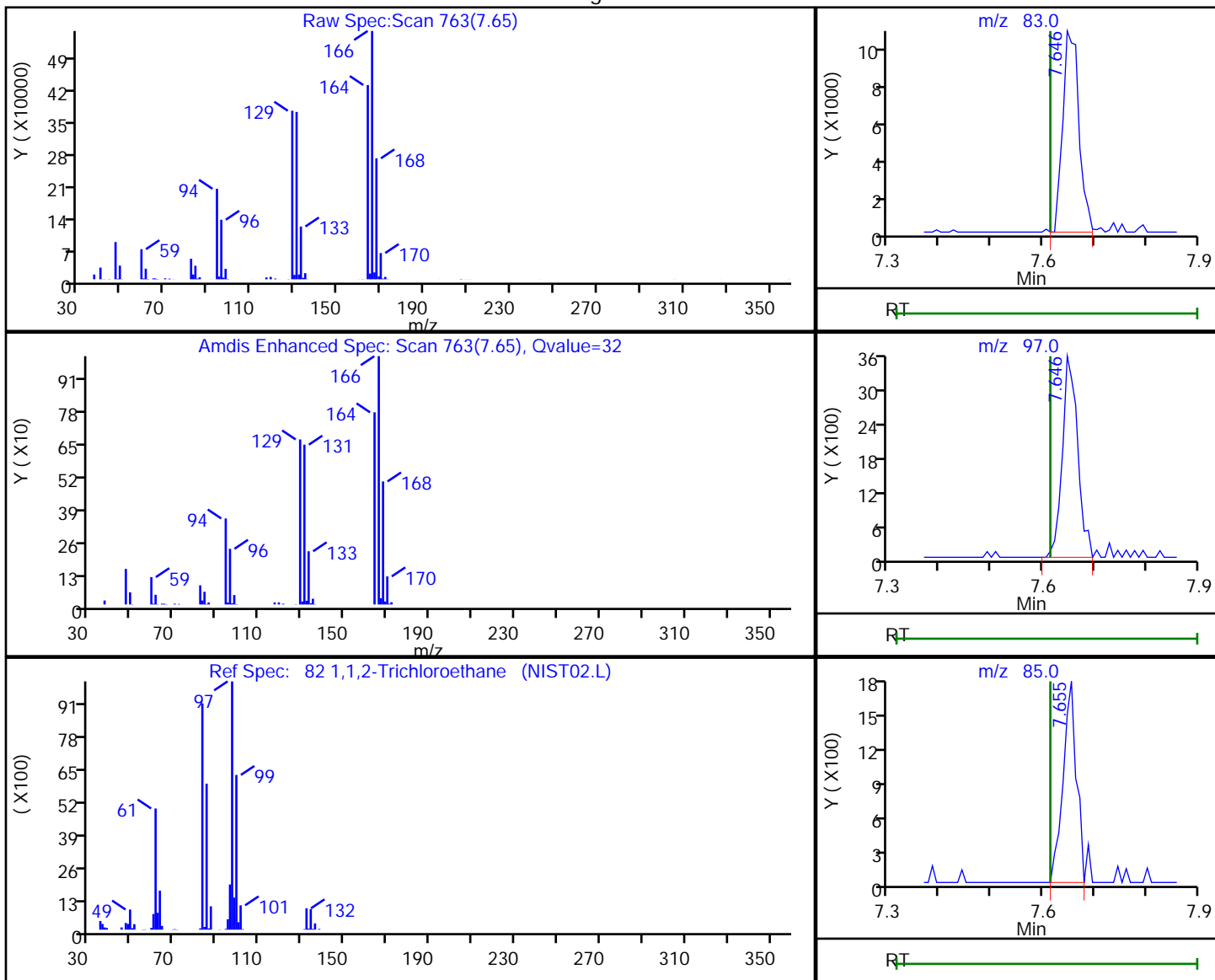


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
Injection Date: 30-Oct-2018 09:52:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-C-14 Lab Sample ID: 460-167890-14  
Client ID: DUP1  
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.65	83.00	23066	8.244649
7.65	97.00	7325	
7.65	85.00	3250	

Reviewer: parekhv, 30-Oct-2018 19:05:41

Audit Action: Marked Compound Undetected

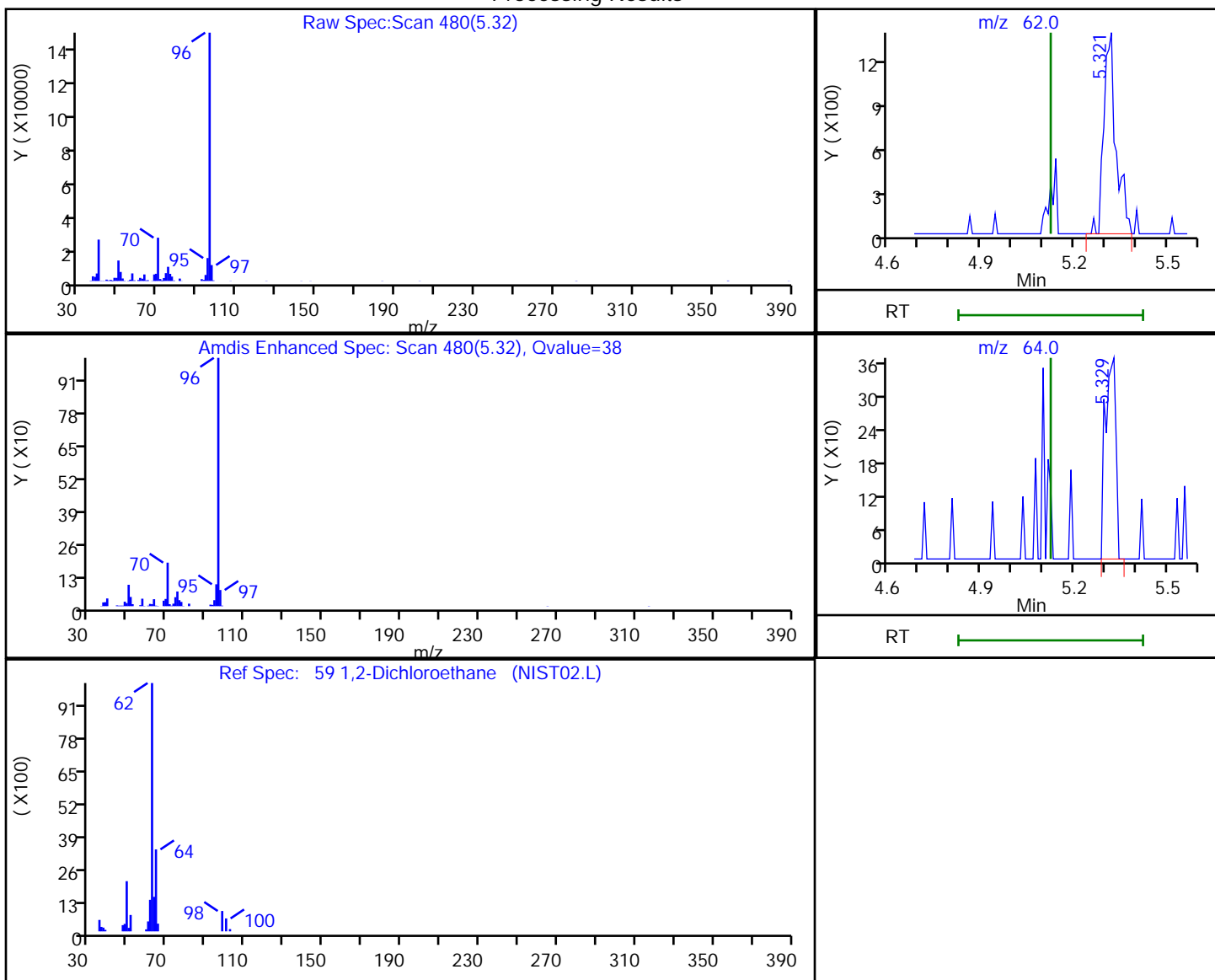
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
 Injection Date: 30-Oct-2018 09:52:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-C-14 Lab Sample ID: 460-167890-14  
 Client ID: DUP1  
 Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 2.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.32	62.00	3727	0.780870
5.33	64.00	858	

Reviewer: parekhv, 30-Oct-2018 19:05:39

Audit Action: Marked Compound Undetected

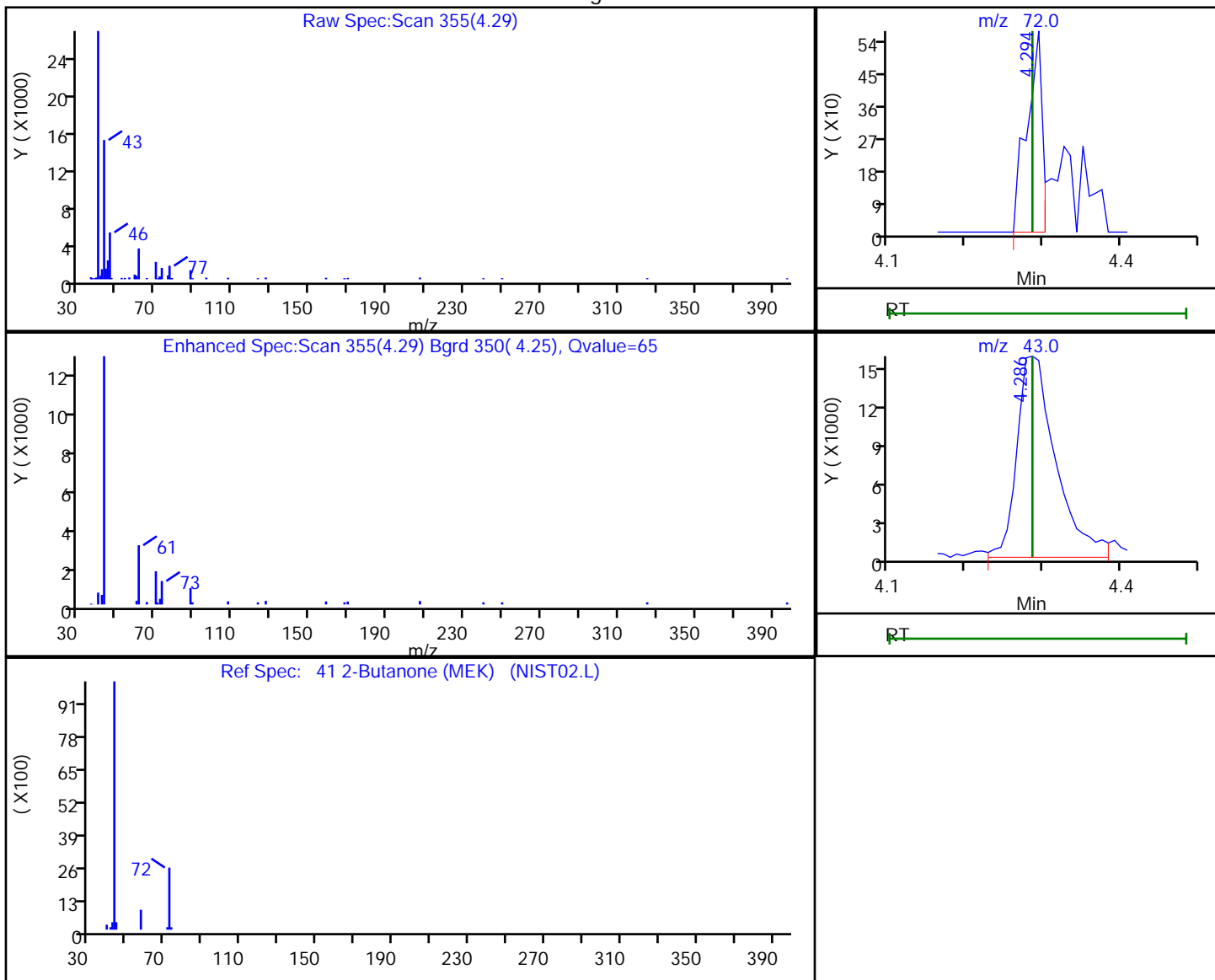
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
 Injection Date: 30-Oct-2018 09:52:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-C-14 Lab Sample ID: 460-167890-14  
 Client ID: DUP1  
 Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 2.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.29	72.00	799	2.426372
4.29	43.00	54151	

Reviewer: xuyvo, 31-Oct-2018 15:06:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

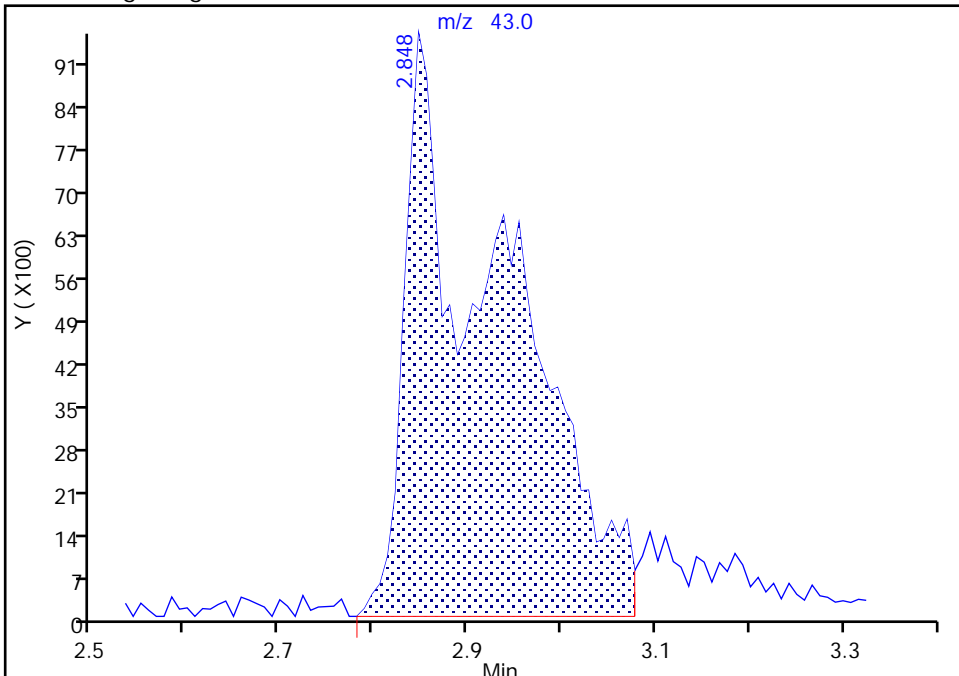
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72944.D  
Injection Date: 30-Oct-2018 09:52:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-C-14 Lab Sample ID: 460-167890-14  
Client ID: DUP1  
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 5.000 mL Dil. Factor: 2.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

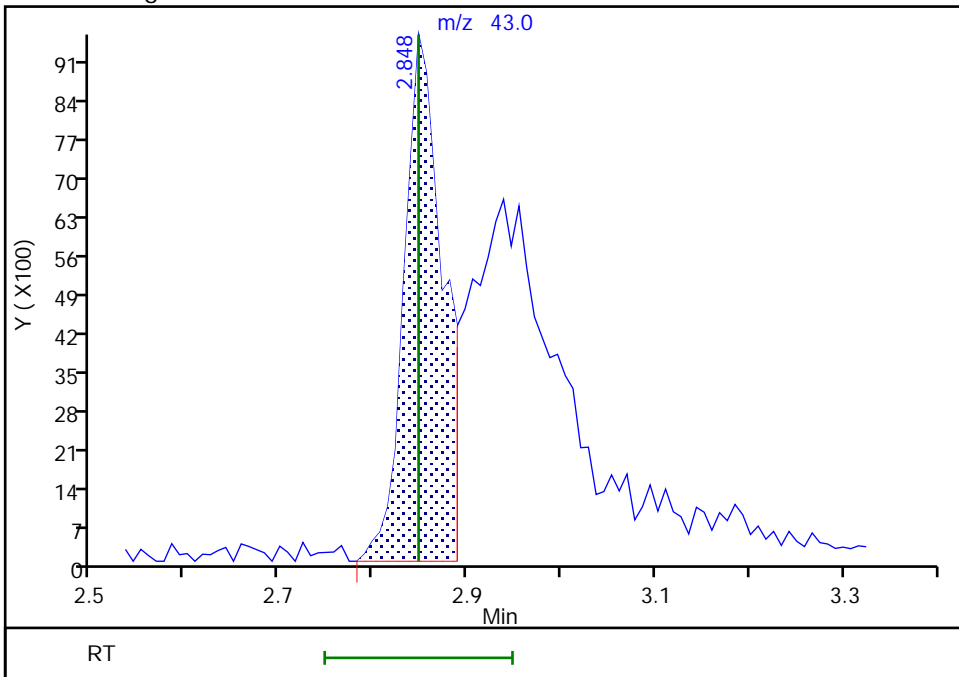
RT: 2.85  
Area: 69671  
Amount: 56.153823  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 27760  
Amount: 22.257001  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 31-Oct-2018 15:06:23  
Audit Action: Split an Integrated Peak

Audit Reason: Shouldering  
Page 200 of 520



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: Trip Blank Lab Sample ID: 460-167890-15  
 Matrix: Water Lab File ID: F72879.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 06:42  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: Trip Blank Lab Sample ID: 460-167890-15  
 Matrix: Water Lab File ID: F72879.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 06:42  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	117		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72879.D  
 Lims ID: 460-167890-B-15  
 Client ID: Trip Blank  
 Sample Type: Client  
 Inject. Date: 29-Oct-2018 06:42:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-15  
 Misc. Info.: 460-0081059-009  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 29-Oct-2018 19:52:25 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK002

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:44:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	114278	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	111075	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	97174	58.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	84162	51.4	
* 61 Fluorobenzene	96	5.321	5.313	0.008	100	334877	50.0	
* 67 1,4-Dioxane-d8	96	6.052	6.028	0.024	0	9752	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.973	0.000	99	290131	51.7	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	212268	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	96	89504	54.7	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	120037	50.0	

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72879.D

Injection Date: 29-Oct-2018 06:42:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-15

Lab Sample ID: 460-167890-15

Worklist Smp#: 9

Client ID: Trip Blank

Purge Vol: 5.000 mL

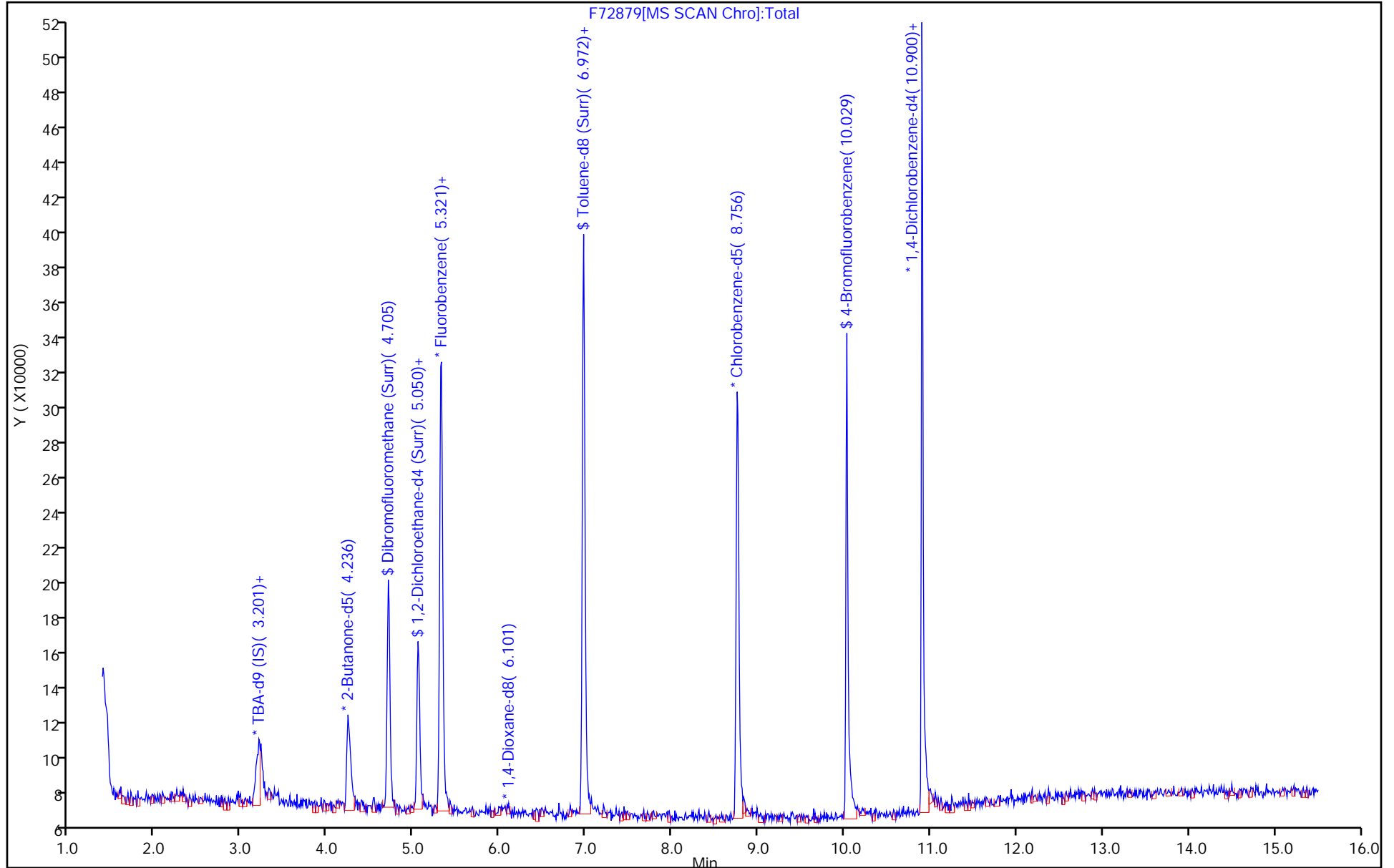
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

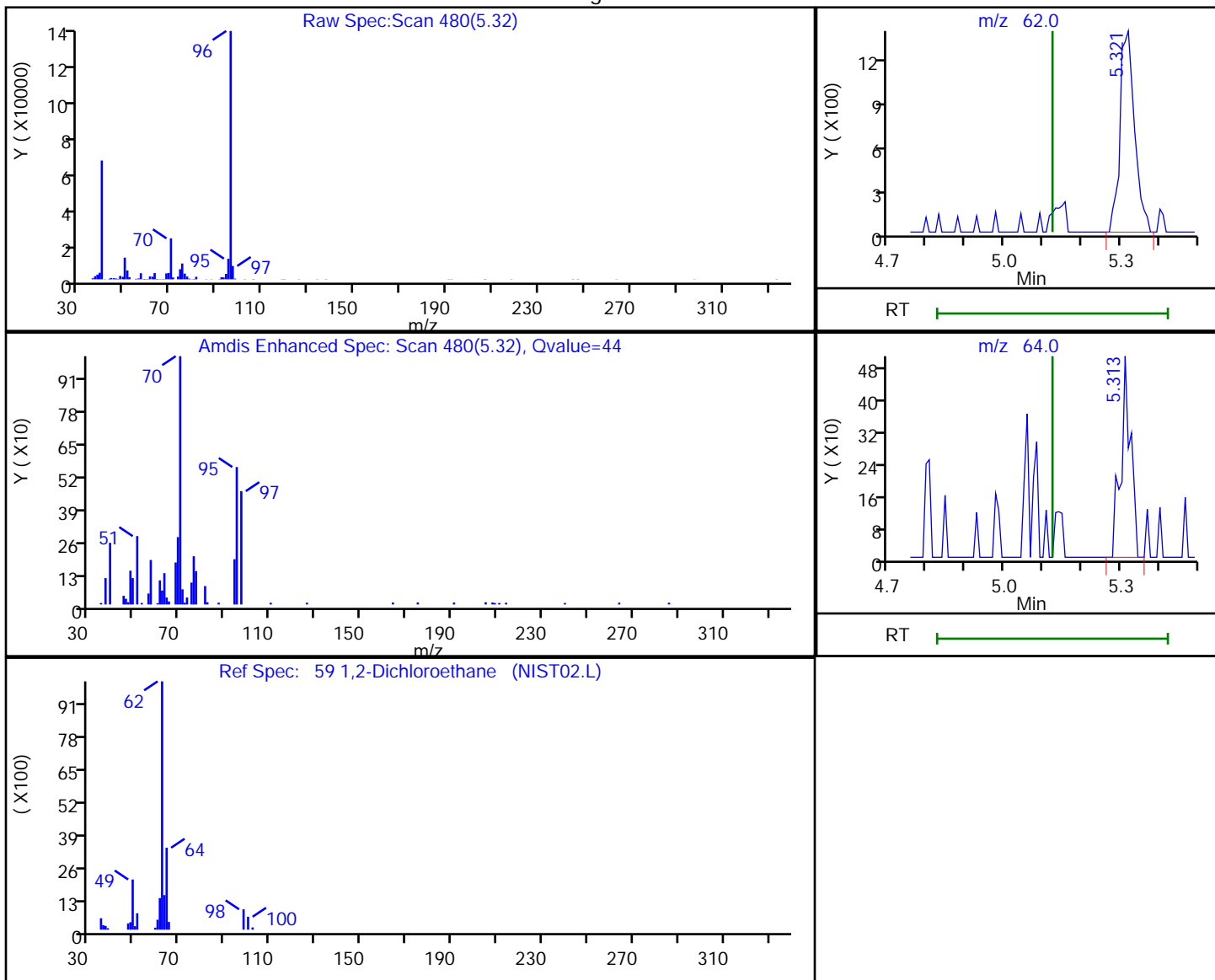


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72879.D  
 Injection Date: 29-Oct-2018 06:42:30 Instrument ID: CVOAMS6  
 Lims ID: 460-167890-B-15 Lab Sample ID: 460-167890-15  
 Client ID: Trip Blank  
 Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.32	62.00	3680	0.832223
5.31	64.00	891	

Reviewer: parekhv, 29-Oct-2018 19:44:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-556327/3	F71256.D
Level 2	STD1 460-556327/4	F71257.D
Level 3	STD5 460-556327/5	F71258.D
Level 4	STD20 460-556327/6	F71259.D
Level 5	STD50 460-556327/7	F71260.D
Level 6	STD200 460-556327/8	F71261.D
Level 7	STD500 460-556327/9	F71262.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Chlorotrifluoroethene	++++ 0.4486	0.4398 0.3759	0.4917	0.4637	0.4326	Ave		0.4420			8.7		20.0				
Dichlorodifluoromethane	++++ 1.0461	0.8943 0.8972	1.1020	1.1004	1.0015	Ave		1.0069		0.1000	9.3		20.0				
Chloromethane	++++ 1.1488	1.2598 1.0037	1.3034	1.2179	1.2007	Ave		1.1890		0.1000	8.8		20.0				
Butadiene	1.3473 1.0295	1.0158 0.8844	1.0481	1.0657	0.9472	Ave		1.0483			13.9		20.0				
Vinyl chloride	++++ 1.1287	1.2240 0.9930	1.3076	1.2211	1.1702	Ave		1.1741		0.1000	9.1		20.0				
Bromomethane	++++ 0.7791	0.9624 0.6974	0.8660	0.8191	0.8301	Ave		0.8257		0.1000	10.7		20.0				
Chloroethane	++++ 0.6160	0.7208 0.5630	0.7468	0.6767	0.6841	Ave		0.6679		0.1000	10.2		20.0				
Dichlorofluoromethane	++++ 1.2887	1.6925 1.1684	1.6335	1.5355	1.4754	Ave		1.4657			13.8		20.0				
Trichlorofluoromethane	++++ 1.0129	1.0546 0.9170	1.1389	1.0955	1.0794	Ave		1.0497		0.1000	7.4		20.0				
Pentane	++++ 6.1891	7.1310 4.9110	6.1158	5.9033	5.3443	Ave		5.9324			12.9		20.0				
Ethyl ether	++++ 0.5059	0.5834 0.4564	0.5760	0.5501	0.5263	Ave		0.5330			8.9		20.0				
2-Methyl-1,3-butadiene	++++ 0.5873	0.8689 0.5270	0.6877	0.6592	0.6020	Ave		0.6554			18.1		20.0				
Ethanol	++++ 0.1400	++++ 0.1055	0.0374	0.1332	0.1261	Ave		0.1084			38.5	*	20.0				
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.5446	0.7187 0.4855	0.6821	0.6325	0.5945	Ave		0.6096			14.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R <sup>2</sup> OR COD	#	MIN R <sup>2</sup> OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.6439	0.5884 0.5651	0.7499	0.6999	0.6522	Ave		0.6499			0.1000	10.6	20.0				
Acrolein	++++ 3.9832	5.7856 3.9007	4.8263	3.7131	4.1721	Ave		4.3968				17.8	20.0				
1,1-Dichloroethene	++++ 0.6558	0.6552 0.5842	0.7560	0.7266	0.6765	Ave		0.6757			0.1000	8.9	20.0				
Acetone	++++ 2.2097	3.0914 1.5659	2.1509	1.9940	1.9890	QuaF		2.5503	-0.000393		0.0500			0.9980		0.9900	
Iodomethane	++++ 1.1471	1.2120 1.0300	1.2700	1.2356	1.2055	Ave		1.1834				7.2	20.0				
Carbon disulfide	++++ 2.4836	2.4621 2.1702	2.8367	2.6775	2.5465	Ave		2.5294			0.1000	8.9	20.0				
Isopropyl alcohol	++++ 1.6747	1.2575 1.4296	0.9876	1.5503	1.8689	Lin2	-3.697	1.5401						0.9650	*	0.9900	
Allyl chloride	++++ 1.1914	1.5491 1.0994	1.3246	1.3493	1.2868	Ave		1.3001				11.8	20.0				
Methyl acetate	++++ 0.3986	0.4640 0.3849	0.4697	0.4504	0.4086	Ave		0.4294			0.1000	8.5	20.0				
Cyclopentene	++++ 1.6273	1.8177 1.4460	1.9510	1.7975	1.7023	Ave		1.7236				10.1	20.0				
Acetonitrile	++++ 3.9653	++++ 3.1959	3.1864	3.7375	3.5909	Ave		3.5352				9.7	20.0				
Methylene Chloride	++++ 0.7449	0.8633 0.6761	0.8382	0.8293	0.8005	Ave		0.7920			0.1000	8.8	20.0				
2-Methyl-2-propanol	++++ 2.7564	3.1289 2.2229	2.9352	2.7375	2.6152	Ave		2.7327				11.2	20.0				
Methyl tert-butyl ether	++++ 1.4923	1.5070 1.2618	1.7849	1.6895	1.6601	Ave		1.5659			0.1000	11.9	20.0				
trans-1,2-Dichloroethene	++++ 0.6823	0.5677 0.6154	0.8344	0.7631	0.7372	Ave		0.7000			0.1000	14.1	20.0				
Acrylonitrile	0.1433 0.2211	0.1877 0.2013	0.2314	0.2351	0.2342	Ave		0.2077				16.2	20.0				
Hexane	++++ 0.5689	0.7713 0.4789	0.7668	0.6227	0.5605	Ave		0.6282				18.8	20.0				
Isopropyl ether	++++ 1.9607	2.2154 1.7101	2.3736	2.3205	2.2372	Ave		2.1363				11.8	20.0				
1,1-Dichloroethane	++++ 1.1571	1.2500 1.0501	1.2942	1.2566	1.2255	Ave		1.2056			0.2000	7.4	20.0				
Vinyl acetate	++++ 0.1267	0.0943 0.1220	0.1024	0.1108	0.1080	Ave		0.1107				10.9	20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
2-Chloro-1,3-butadiene	++++ 0.5800	0.5605 0.5228	0.6522	0.6413	0.6087	Ave		0.5942			8.3		20.0				
Tert-butyl ethyl ether	++++ 1.6551	1.8895 1.4082	2.1537	2.0247	1.9219	Ave		1.8422			14.6		20.0				
2,2-Dichloropropane	++++ 0.2352	0.2643 0.2084	0.3233	0.2687	0.2511	Ave		0.2585			14.9		20.0				
cis-1,2-Dichloroethene	++++ 0.7535	0.7179 0.6915	0.8363	0.8033	0.7787	Ave		0.7635		0.1000	7.0		20.0				
2-Butanone (MEK)	++++ 0.7353	0.7459 0.5952	0.6330	0.6573	0.6593	Ave		0.6710		0.0500	8.8		20.0				
Ethyl acetate	++++ 0.6133	1.0116 0.5171	0.8496	0.5625	0.6243	QuaF		0.6702	-0.000153					1.0000		0.9900	
Methyl acrylate	++++ 0.6657	0.8221 0.5962	0.5480	0.5532	0.5581	Ave		0.6239			17.1		20.0				
Propionitrile	++++ 3.5989	2.0807 3.1240	2.7650	3.1867	3.3049	Ave		3.0100			17.6		20.0				
Tetrahydrofuran	++++ 0.8238	1.9494 0.6656	1.0723	0.8764	0.7974	QuaF		0.9143	-0.000248					1.0000		0.9900	
Chlorobromomethane	++++ 0.3398	0.3678 0.3152	0.3673	0.3557	0.3400	Ave		0.3476			5.8		20.0				
Methacrylonitrile	++++ 0.2207	0.1902 0.2080	0.2081	0.2139	0.2133	Ave		0.2090			4.9		20.0				
Chloroform	++++ 1.0600	1.2444 0.9667	1.1785	1.1309	1.0896	Ave		1.1117		0.2000	8.7		20.0				
Cyclohexane	++++ 1.0431	1.3013 0.9171	1.1913	1.1379	1.0697	Ave		1.1101		0.1000	11.9		20.0				
1,1,1-Trichloroethane	++++ 0.9347	1.0544 0.8439	1.0684	1.0472	1.0069	Ave		0.9926		0.1000	8.8		20.0				
Carbon tetrachloride	++++ 0.7913	0.7621 0.7075	0.9074	0.8668	0.8376	Ave		0.8121		0.1000	9.0		20.0				
1,1-Dichloropropene	++++ 0.8394	0.8786 0.7579	0.8392	0.8194	0.8141	Ave		0.8248			4.8		20.0				
Isobutyl alcohol	++++ 1.8249	1.0197 1.4213	1.4945	1.5890	1.6001	Ave		1.4916			18.0		20.0				
Benzene	++++ 4.0517	3.9584 3.2705	4.0863	3.9345	3.8360	Ave		3.8562		0.5000	7.8		20.0				
Isopropyl acetate	++++ 1.5113	1.4585 1.3864	1.8579	1.7133	1.6325	Ave		1.5933			11.0		20.0				
Tert-amyl methyl ether	++++ 1.8813	1.9043 1.6213	2.4321	2.2592	2.1721	Ave		2.0451			14.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



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

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53

Calibration End Date: 10/01/2018 01:15

Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2-Dichloroethane	++++ 0.6936	0.6040 0.6395	0.7008	0.6720	0.6515	Ave		0.6602			0.1000	5.5	20.0				
n-Heptane	++++ 0.4803	0.5467 0.3956	0.5556	0.4915	0.4685	Ave		0.4897				11.9	20.0				
n-Butanol	++++ 0.6179	0.2834 0.5643	0.2462	0.4736	0.5018	Ave		0.4479				33.7	*	20.0			
Trichloroethene	++++ 0.6170	0.5741 0.5632	0.5944	0.6023	0.5932	Ave		0.5907			0.2000	3.3	20.0				
Ethyl acrylate	++++ 1.4591	1.2330 1.3852	1.4290	1.5690	1.4461	Ave		1.4202				7.8	20.0				
Methylcyclohexane	++++ 1.2221	1.1437 1.0579	1.3922	1.3499	1.2341	Ave		1.2333			0.1000	10.1	20.0				
1,2-Dichloropropane	++++ 0.6437	0.5661 0.5822	0.6581	0.6376	0.6370	Ave		0.6208			0.1000	6.0	20.0				
Methyl methacrylate	++++ 0.1326	0.0892 0.1271	0.1143	0.1324	0.1289	Ave		0.1207				14.0	20.0				
n-Propyl acetate	++++ 0.6151	0.1430 0.5966	0.4922	0.5684	0.6165	Ave		0.5053				36.3	*	20.0			
1,4-Dioxane	++++ 2.1989	2.0861 1.9463	2.4317	2.3580	2.1798	Ave		2.2001				8.0	20.0				
Dibromomethane	++++ 0.3504	0.3464 0.3281	0.3453	0.3418	0.3364	Ave		0.3414				2.4	20.0				
Dichlorobromomethane	++++ 0.7840	0.7431 0.7257	0.7847	0.7475	0.7429	Ave		0.7546			0.2000	3.2	20.0				
2-Nitropropane	++++ 0.1082	0.2455 0.1050	0.1202	0.1053	0.1074	QuaF		0.1099	-0.000005					1.0000		0.9900	
2-Chloroethyl vinyl ether	++++ 0.3092	0.1135 0.3052	0.2860	0.2938	0.2947	Lin2		-0.191	0.3078					0.9990		0.9900	
Epichlorohydrin	0.3979 0.5294	0.4018 0.4454	0.4702	0.5374	0.5486	Ave		0.4758				13.4	20.0				
cis-1,3-Dichloropropene	++++ 1.4393	1.0729 1.2332	1.2278	1.2135	1.2657	Ave		1.2420			0.2000	9.5	20.0				
4-Methyl-2-pentanone (MIBK)	++++ 5.5302	3.9756 4.2976	5.8150	5.7549	5.7472	Ave		5.1868			0.0500	15.9	20.0				
Toluene	++++ 3.8583	3.8086 3.1549	3.8283	3.6990	3.6961	Ave		3.6742			0.4000	7.2	20.0				
trans-1,3-Dichloropropene	++++ 1.1348	0.7754 0.9979	1.0430	0.9985	1.0211	Ave		0.9951			0.1000	12.0	20.0				
Ethyl methacrylate	++++ 1.0856	0.3777 0.9313	1.3375	1.0894	1.0608	Ave		0.9804				33.0	*	20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,1,2-Trichloroethane	++++ 0.6357	0.7449 0.5413	0.6757	0.6042	0.5968	Ave		0.6331		0.1000	11.1		20.0				
Tetrachloroethene	++++ 0.9068	0.8856 0.7663	0.9602	0.8855	0.8583	Ave		0.8771		0.2000	7.3		20.0				
1,3-Dichloropropane	++++ 1.2104	0.8834 1.0586	1.1570	1.1333	1.0991	Ave		1.0903			10.4		20.0				
2-Hexanone	++++ 3.0950	1.2793 2.4933	2.3642	2.9882	2.9935	Lin2	-8.144	2.8823		0.0500				0.9920		0.9900	
n-Butyl acetate	++++ 1.0803	0.5399 0.9448	1.1341	1.1902	1.1383	Ave		1.0046			24.2	*	20.0				
Chlorodibromomethane	++++ 0.8046	0.7010 0.6909	0.8519	0.7343	0.7420	Ave		0.7541		0.1000	8.3		20.0				
Ethylene Dibromide	++++ 0.6746	0.5177 0.5890	0.6354	0.6246	0.6324	Ave		0.6123		0.1000	8.8		20.0				
Chlorobenzene	++++ 2.2799	2.2473 1.9932	2.3573	2.2066	2.2224	Ave		2.2178		0.5000	5.5		20.0				
Ethylbenzene	++++ 1.3630	1.2138 1.1837	1.3830	1.3799	1.3871	Ave		1.3184		0.1000	7.1		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.9577	0.7224 0.8181	1.0194	0.9411	0.9265	Ave		0.8975			12.0		20.0				
m-Xylene & p-Xylene	++++ 1.6657	1.6885 1.4343	1.7922	1.6975	1.7040	Ave		1.6637		0.1000	7.2		20.0				
n-Butyl acrylate	++++ 0.6368	0.6043 0.5900	0.6859	0.6961	0.6879	Ave		0.6502			7.1		20.0				
o-Xylene	++++ 1.7671	1.7123 1.5092	1.8642	1.8117	1.8041	Ave		1.7448		0.3000	7.2		20.0				
Styrene	++++ 2.6066	2.2156 2.2809	2.8772	2.7904	2.7447	Ave		2.5859		0.3000	10.7		20.0				
Amyl acetate (mixed isomers)	++++ 2.5568	0.6066 2.2752	1.9889	2.3312	2.4576	Ave		2.0360			35.7	*	20.0				
Bromoform	++++ 0.4970	0.4393 0.4379	0.5432	0.5150	0.5135	Ave		0.4910		0.1000	8.8		20.0				
Isopropylbenzene	++++ 4.4053	4.2030 3.3740	4.7704	4.6962	4.6116	Ave		4.3434		0.1000	11.9		20.0				
Bromobenzene	++++ 1.8766	1.4519 1.6434	1.8446	1.7521	1.7061	Ave		1.7124			9.0		20.0				
1,1,2,2-Tetrachloroethane	++++ 1.8878	1.4177 1.6308	1.8069	1.7861	1.7323	Ave		1.7103		0.3000	9.7		20.0				
N-Propylbenzene	++++ 9.5358	8.6013 7.0688	10.083	9.4819	9.0250	Ave		8.9659			11.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,3-Trichloropropane	++++ 0.5117	0.4813 0.4312	0.5586	0.4894	0.4641	Ave		0.4894			8.9		20.0				
trans-1,4-Dichloro-2-butene	++++ 0.4611	0.6639 0.3970	0.3772	0.3379	0.3795	Ave		0.4361			27.2	*	20.0				
2-Chlorotoluene	++++ 6.6953	6.1220 5.3969	6.6087	6.2784	6.0926	Ave		6.1990			7.5		20.0				
4-Ethyltoluene	++++ 7.7715	7.2414 6.2121	8.1069	7.7994	7.5242	Ave		7.4426			9.0		20.0				
1,3,5-Trimethylbenzene	++++ 7.1712	6.1257 5.5759	7.3661	6.8375	6.6696	Ave		6.6243			10.1		20.0				
4-Chlorotoluene	++++ 5.5426	4.6224 4.5936	6.2679	5.5308	5.2899	Ave		5.3079			11.9		20.0				
Butyl Methacrylate	++++ 2.5560	1.5788 2.2511	2.4995	2.5546	2.4916	Ave		2.3219			16.4		20.0				
tert-Butylbenzene	++++ 6.1790	4.4200 4.8313	5.0359	4.9442	5.0309	Ave		5.0735			11.6		20.0				
1,2,4-Trimethylbenzene	++++ 7.3697	6.7178 5.6112	7.6850	7.0192	6.8167	Ave		6.8699			10.4		20.0				
sec-Butylbenzene	++++ 9.3072	7.5118 6.5359	8.7765	8.3509	8.2275	Ave		8.1183			12.0		20.0				
4-Isopropyltoluene	++++ 7.8689	6.4405 5.8852	7.5660	7.1708	7.0444	Ave		6.9960			10.4		20.0				
1,3-Dichlorobenzene	++++ 3.7711	3.4328 3.3110	3.7606	3.6359	3.4933	Ave		3.5675		0.6000	5.2		20.0				
1,4-Dichlorobenzene	++++ 3.7314	3.4874 3.2592	3.8475	3.7724	3.5874	Ave		3.6142		0.5000	6.0		20.0				
1,2,3-Trimethylbenzene	++++ 7.5807	6.2435 5.8078	7.7136	7.4177	7.1069	Ave		6.9784			11.1		20.0				
Benzyl chloride	++++ 3.7150	2.9654 3.0983	3.7899	3.8562	3.7419	Ave		3.5278			11.0		20.0				
Indan	++++ 7.0652	7.0086 5.4294	7.5857	7.3187	6.9511	Ave		6.8931			11.0		20.0				
p-Diethylbenzene	++++ 4.1004	3.6095 3.4098	4.4227	4.1005	4.0617	Ave		3.9507			9.4		20.0				
n-Butylbenzene	++++ 4.1001	3.3670 3.3208	4.1421	3.9597	3.8318	Ave		3.7869			9.5		20.0				
1,2-Dichlorobenzene	++++ 3.7501	3.3910 3.1397	4.0437	3.7381	3.5980	Ave		3.6101		0.4000	8.7		20.0				
1,2,4,5-Tetramethylbenzene	++++ 7.1475	6.4989 5.4086	7.6630	7.2265	7.0290	Ave		6.8289			11.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2-Dibromo-3-Chloropropane	++++ 0.3596	0.5011 ++++	0.4467	0.3326	0.3246	Ave		0.3929			0.0500	19.7		20.0			
1,3,5-Trichlorobenzene	++++ 2.9937	3.0468 2.5138	3.0831	3.0414	2.9028	Ave		2.9303				7.3		20.0			
1,2,4-Trichlorobenzene	++++ 3.0138	2.4509 2.4704	3.0838	2.7496	2.7100	Ave		2.7464			0.2000	9.6		20.0			
Hexachlorobutadiene	++++ 1.2205	0.9572 1.0099	1.1628	1.1244	1.0868	Ave		1.0936				8.9		20.0			
Naphthalene	++++ 6.6712	5.0502 5.0993	6.0886	6.0747	6.1263	Ave		5.8517				11.0		20.0			
1,2,3-Trichlorobenzene	++++ 2.6375	2.8284 2.1081	2.4789	2.3570	2.4508	Ave		2.4768				9.9		20.0			
Dibromofluoromethane (Surr)	0.2533 0.2284	0.2575 0.2408	0.2479	0.2574	0.2474	Ave		0.2475				4.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2383 0.2424	0.2420 0.2708	0.2386	0.2375	0.2413	Ave		0.2444				4.8		20.0			
Toluene-d8 (Surr)	1.3796 1.3459	1.3349 1.2724	1.3000	1.3002	1.3288	Ave		1.3231				2.7		20.0			
4-Bromofluorobenzene	0.4021 0.3525	0.3987 0.3525	0.3935	0.3985	0.3981	Ave		0.3851				5.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-556327/3	F71256.D
Level 2	STD1 460-556327/4	F71257.D
Level 3	STD5 460-556327/5	F71258.D
Level 4	STD20 460-556327/6	F71259.D
Level 5	STD50 460-556327/7	F71260.D
Level 6	STD200 460-556327/8	F71261.D
Level 7	STD500 460-556327/9	F71262.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Chlorotrifluoroethene	FB	Ave	++++ 484422	2266 1088188	12505	46232	107951	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1129740	4608 2597417	28028	109708	249932	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1240670	6491 2905691	33151	121423	299640	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1797 1111837	5234 2560314	26657	106247	236369	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1218947	6307 2874830	33257	121737	292039	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 841416	4959 2018928	22025	81664	207159	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 665311	3714 1629954	18995	67466	170729	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1391788	8721 3382543	41546	153091	368196	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1093920	5434 2654794	28967	109224	269375	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 284907	1826 670432	7747	27980	62416	++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	++++ 546411	3006 1321165	14649	54840	131341	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 634303	4477 1525722	17491	65726	150240	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	++++ 128925	++++ 287938	948	12627	29447	++++ 8000	++++ 20000	200	800	2000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 588166	3703 1405526	17348	63060	148361	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 695340	3032 1635994	19074	69779	162754	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53

Calibration End Date: 10/01/2018 01:15

Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acrolein	TBAd 9	Ave	++++ 91682	2963 213003	12227	17599	48726	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 708299	3376 1691343	19228	72443	168830	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	QuaF	++++ 1058992	6486 2349405	22215	84555	212857	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1238804	6245 2981774	32302	123192	300850	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 2682198	12686 6282686	72149	266945	635503	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Lin2	++++ 385451	1610 975803	6255	36741	109136	++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	++++ 1286635	7982 3182710	33691	134527	321125	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 861057	4782 2228791	23894	89810	203952	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1757400	9366 4186232	49621	179211	424808	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 912684	++++ 2181451	20181	88573	209692	++++ 2000	++++ 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 804422	4448 1957386	21320	82681	199760	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 634427	4006 1517295	18590	64876	152715	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1611600	7765 3652948	45396	168444	414296	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 736880	2925 1781707	21223	76075	183963	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1529 2387868	9671 5826442	58864	234433	584584	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 614366	3974 1386309	19502	62082	139884	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2117450	11415 4950648	60371	231354	558319	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1249658	6441 3040180	32916	125281	305823	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 273612	972 706534	5210	22092	53881	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 626340	2888 1513512	16587	63933	151916	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1787499	9736 4076690	54776	201855	479627	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 254062	1362 603220	8224	26792	62665	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 813792	3699 2002000	21270	80090	194324	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 352389	1565 893082	6538	27874	70550	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	QuaF	++++ 117573	849 310317	3510	9541	26722	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	CBNZ d5	Ave	++++ 457308	2695 1200295	8888	36227	91458	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 828357	2664 2132378	17512	75521	192989	++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	QuaF	++++ 157930	1636 399428	4430	14866	34133	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 366960	1895 912374	9341	35462	84857	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 2383173	9799 6020758	52931	213251	532333	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1144813	6412 2798554	29975	112748	271909	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1126503	6705 2654949	30300	113450	266938	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 1009450	5433 2443098	27174	104407	251270	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 854568	3927 2048325	23079	86423	209024	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 906577	4527 2194262	21345	81690	203154	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 1050084	3264 2425431	23663	94145	233593	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2783464	12976 6584612	66281	257650	628602	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1632160	7515 4013497	47253	170816	407401	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 2031768	9812 4693580	61859	225235	542072	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 749107	3112 1851366	17823	66999	162580	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 518763	2817 1145124	14130	48999	116913	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 355567	907 962967	3898	28060	73253	++++ 5000	25.0 12500	125	500	1250

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

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53

Calibration End Date: 10/01/2018 01:15

Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	++++ 666326	2958 1630399	15118	60052	148028	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1575838	6353 4010143	36345	156429	360874	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1319814	5893 3062703	35410	134581	307977	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 695132	2917 1685336	16738	63567	158958	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 286386	919 736094	5814	26403	64319	++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	++++ 664308	737 1727243	12518	56668	153862	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 127982	1511 279411	2743	12422	27511	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 378412	1785 949978	8783	34076	83946	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 846651	3829 2100909	19957	74527	185391	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	QuaF	++++ 233609	2530 607694	6113	21005	53587	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Lin2	++++ 333947	585 883541	7274	29295	73536	++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	863 1014833	3372 2672843	19424	91161	234844	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 988778	3517 2482804	19915	79463	207404	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2650323	8341 6447957	60059	244036	615036	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2650613	12485 6351830	62095	242223	605685	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 779571	2542 2009025	16917	65389	167330	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 745793	1238 1875025	21695	71338	173830	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 436748	2442 1089917	10960	39568	97798	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 622985	2903 1542816	15574	57983	140644	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 831502	2896 2131248	18766	74216	180106	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Lin2	++++ 1483259	2684 3740884	24418	126716	320354	++++ 1000	5.00 2500	25.0	100	250



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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	++++ 742149	1770 1902292	18395	77941	186541	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 552773	2298 1390964	13818	48086	121593	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 463473	1697 1185939	10306	40902	103636	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1566285	7367 4013097	38236	144495	364195	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 936344	3979 2383144	22432	90359	227313	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 657923	2368 1647183	16535	61624	151824	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1144321	5535 2887734	29070	111159	279240	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 437483	1981 1187787	11126	45583	112730	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1214002	5613 3038525	30238	118636	295633	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1790684	7263 4592171	46669	182725	449784	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 889065	1133 2365122	18746	88907	236502	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 341447	1440 881672	8811	33724	84155	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 3026380	13778 6793077	77377	307523	755710	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 652530	2712 1708320	17386	66823	164184	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 656443	2648 1695263	17030	68120	166709	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3315857	16066 7348184	95031	361623	868506	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 177944	899 448233	5265	18665	44663	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 160346	1240 412670	3555	12888	36520	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2328130	11435 5610213	62288	239450	586313	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2702355	13526 6457672	76409	297456	724074	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2493618	11442 5796323	69427	260770	641840	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison

Job No.: 460-167890-1

Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53

Calibration End Date: 10/01/2018 01:15

Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 1927307	8634 4775229	59076	210934	509066	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 888808	2949 2340053	23558	97427	239773	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2148613	8256 5022284	47464	188563	484134	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2562647	12548 5833015	72433	267701	655989	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3236361	14031 6794281	82720	318490	791761	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2736251	12030 6117884	71311	273481	677905	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1311332	6412 3441912	35444	138668	336174	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1297511	6514 3387994	36263	143875	345230	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2636030	11662 6037416	72702	282901	683915	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1291801	5539 3220773	35721	147068	360091	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2456783	13091 5644010	71497	279124	668923	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1425809	6742 3544564	41685	156385	390866	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1425714	6289 3452097	39040	151018	368750	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1304026	6334 3263764	38113	142564	346242	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2485372	12139 5622355	72225	275606	676420	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 125044	936 ++++	4210	12686	31237	++++ 200	1.00 ++++	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1041005	5691 2613150	29059	115996	279348	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1047969	4578 2568016	29065	104864	260789	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 424401	1788 1049820	10960	42883	104589	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2319769	9433 5300864	57386	231680	589551	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 917140	5283 2191397	23364	89891	235844	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-167890-1 Analy Batch No.: 556327

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2018 22:53 Calibration End Date: 10/01/2018 01:15 Calibration ID: 71414

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dibromofluoromethane (Surr)	FB	Ave	67567 61670	66340 69702	63044	64144	61742	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	63574 65438	62353 78399	60692	59201	60214	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	213246 231150	218801 256172	210867	212852	217756	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	62153 60537	65342 70973	63826	65234	65236	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Lin2 = Linear 1/conc^2 ISTD QuaF = Quadratic ISTD forced zero</p>
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TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Lims ID: STD7  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 30-Sep-2018 22:53:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD7  
 Misc. Info.: 460-0079524-003  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:52:14 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: boykink Date: 30-Sep-2018 23:18:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Butadiene	54	1.821	1.821	0.000	48	1797	0.2500	0.3213	a
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	133423	1000.0	1000.0	
31 Acrylonitrile	53	3.472	3.472	0.000	80	1529	2.00	1.38	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	108446	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.697	4.697	0.000	97	67567	50.0	51.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.042	0.000	0	63574	50.0	48.8	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	266759	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.019	6.019	0.000	0	19171	1000.0	1000.0	
75 Epichlorohydrin	57	6.636	6.636	0.000	1	863	5.00	4.18	a
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	100	213246	50.0	52.1	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	86	154567	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	89	62153	50.0	52.2	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	96	89821	50.0	50.0	

QC Flag Legend

Review Flags

a - User Assigned ID

**Reagents:**

GAS Hi_00273	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 0.00	Units: uL	
MIX I Hi_00098	Amount Added: 0.00	Units: uL	
Ethanol mix_00019	Amount Added: 0.00	Units: uL	
ACROLEIN W_00081	Amount Added: 0.00	Units: uL	
14DIOXINTER_00088	Amount Added: 0.00	Units: uL	
GASES Li_00279	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00054	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

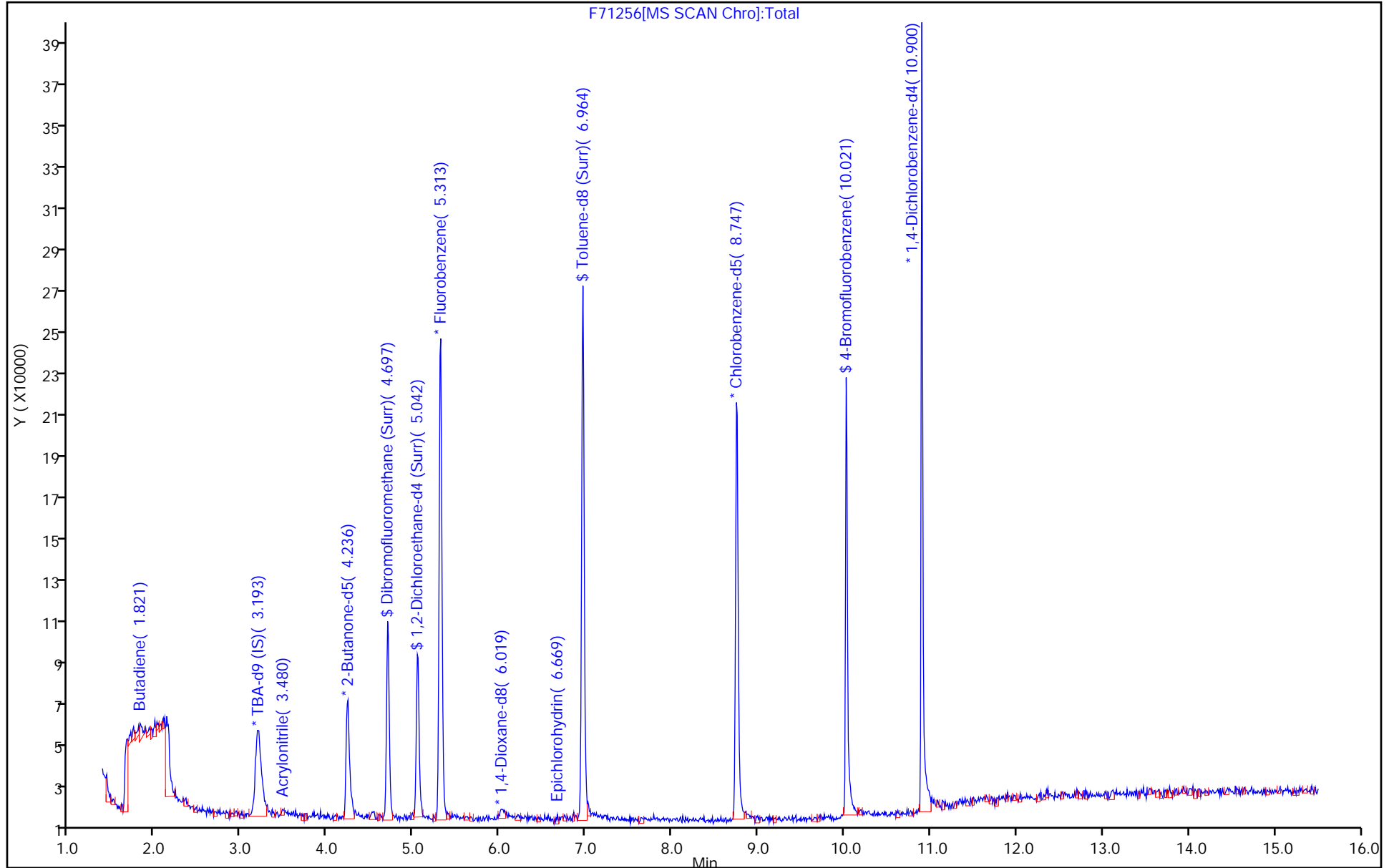
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

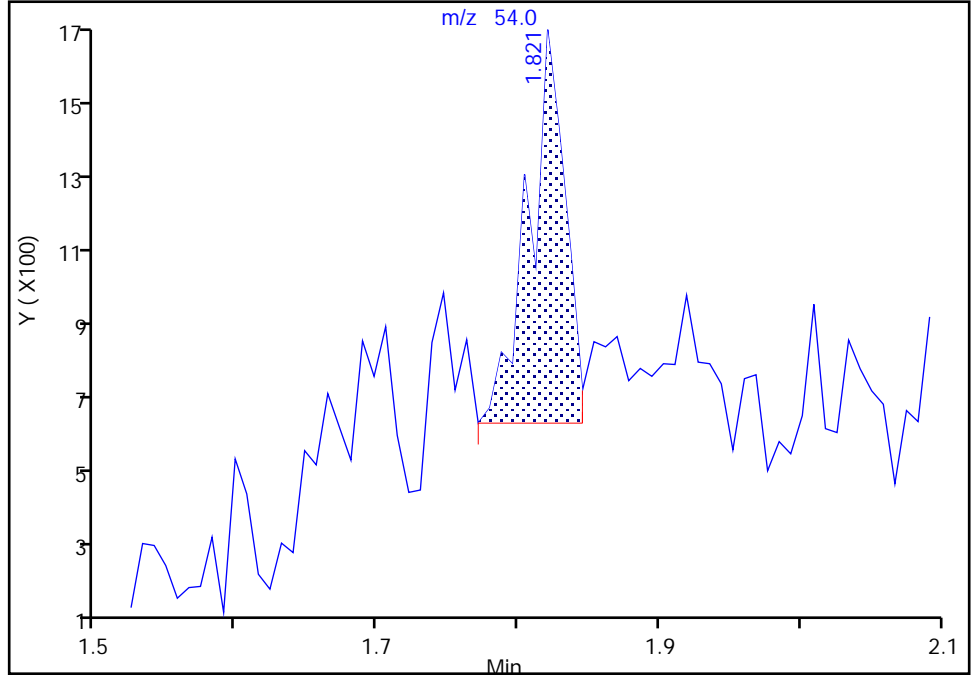
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

5 Butadiene, CAS: 106-99-0

Signal: 1

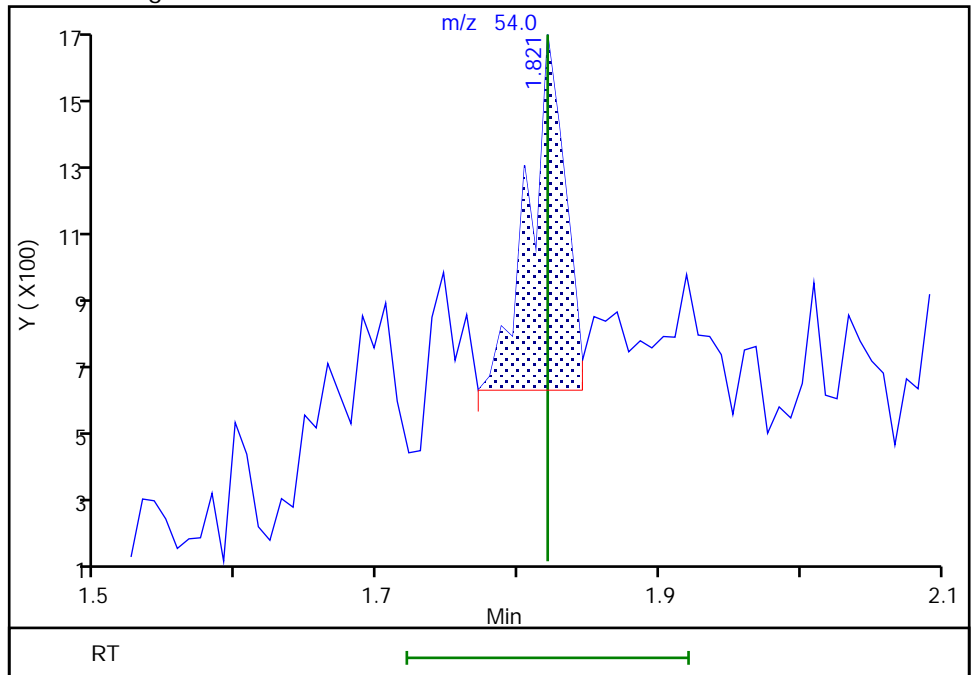
RT: 1.82  
Area: 1797  
Amount: 0.245834  
Amount Units: ug/l

Processing Integration Results



RT: 1.82  
Area: 1797  
Amount: 0.321310  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:34:20  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

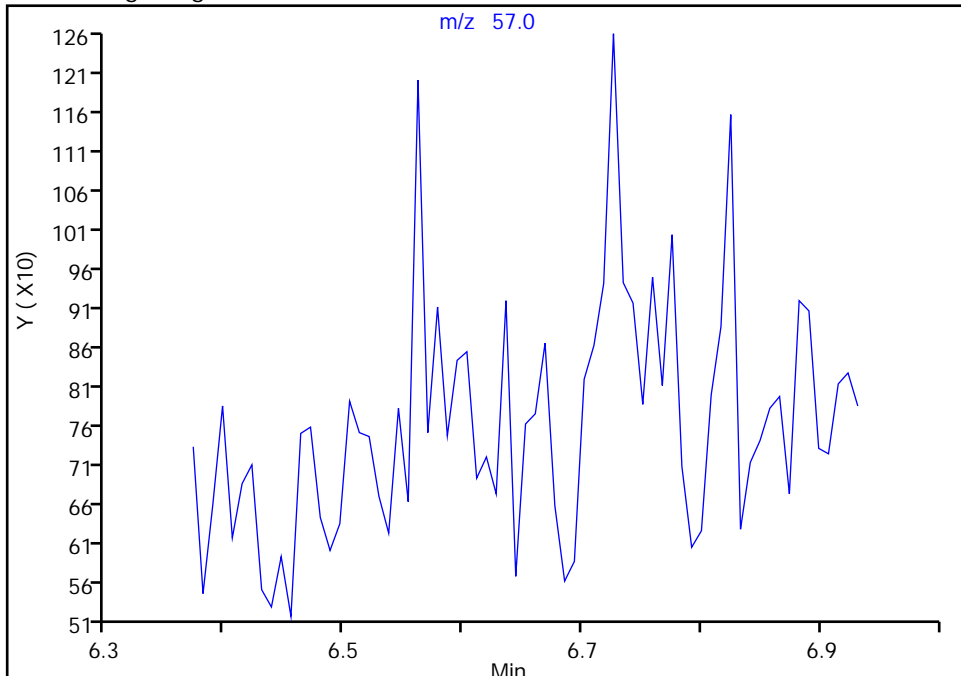
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

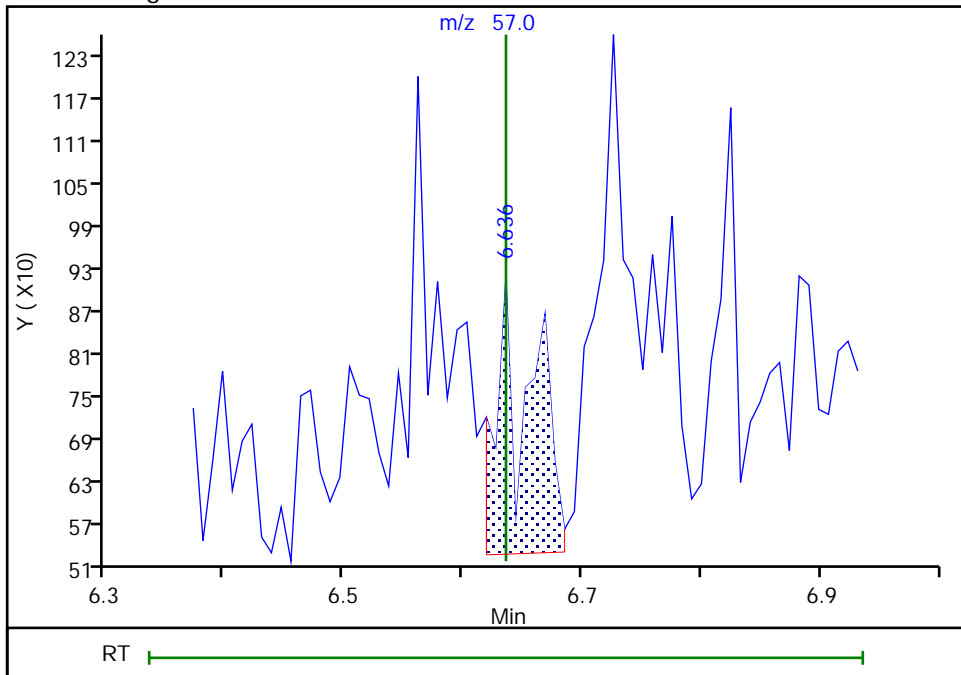
Not Detected  
Expected RT: 6.64

Processing Integration Results



Manual Integration Results

RT: 6.64  
Area: 863  
Amount: 4.181213  
Amount Units: ug/l



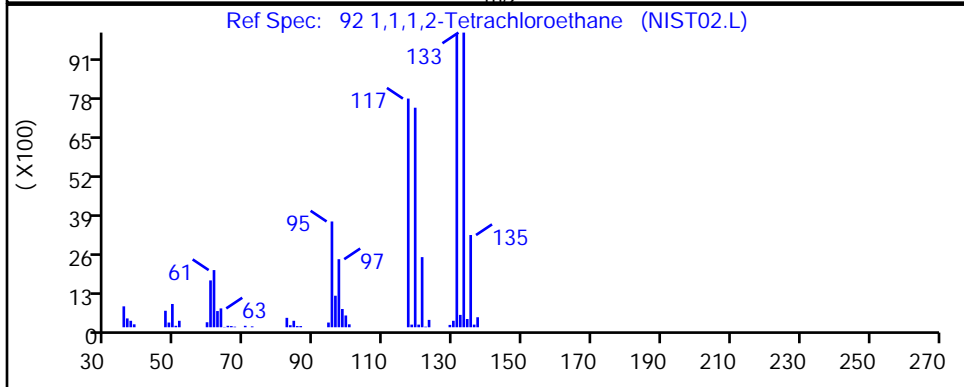
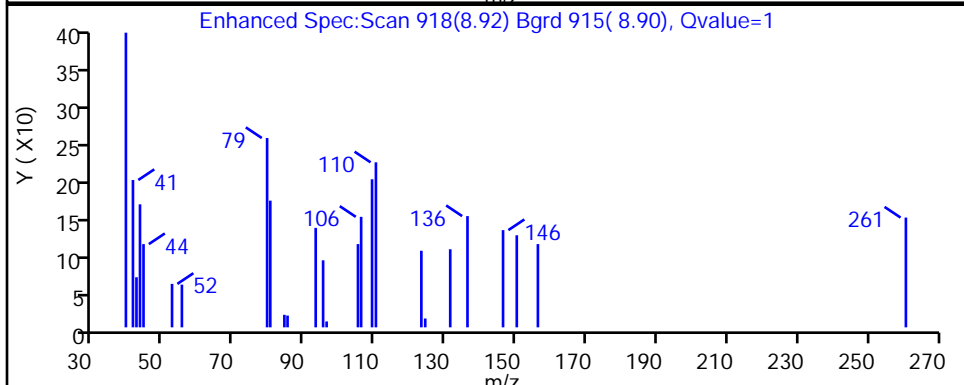
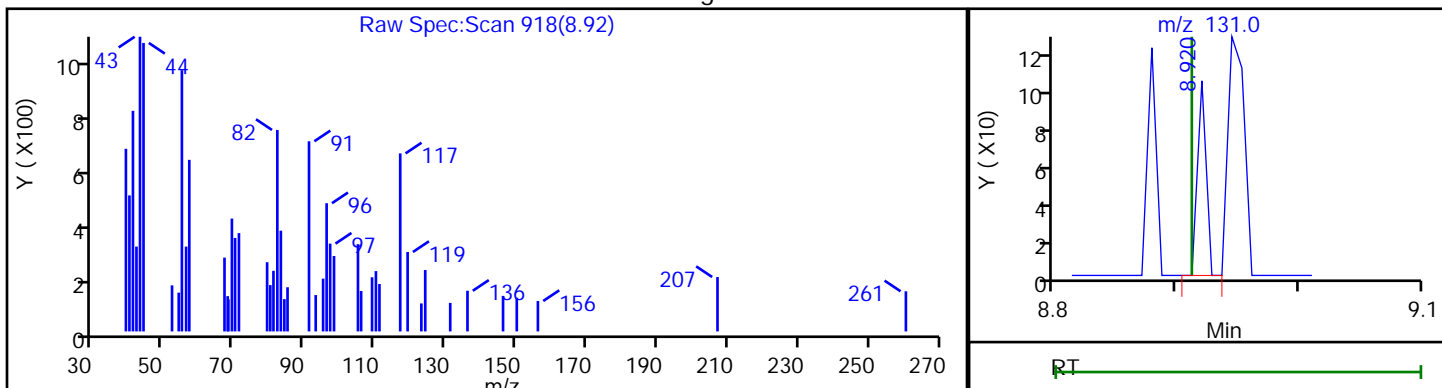


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
8.92	131.00	52	0.018921

Reviewer: boykink, 30-Sep-2018 23:13:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

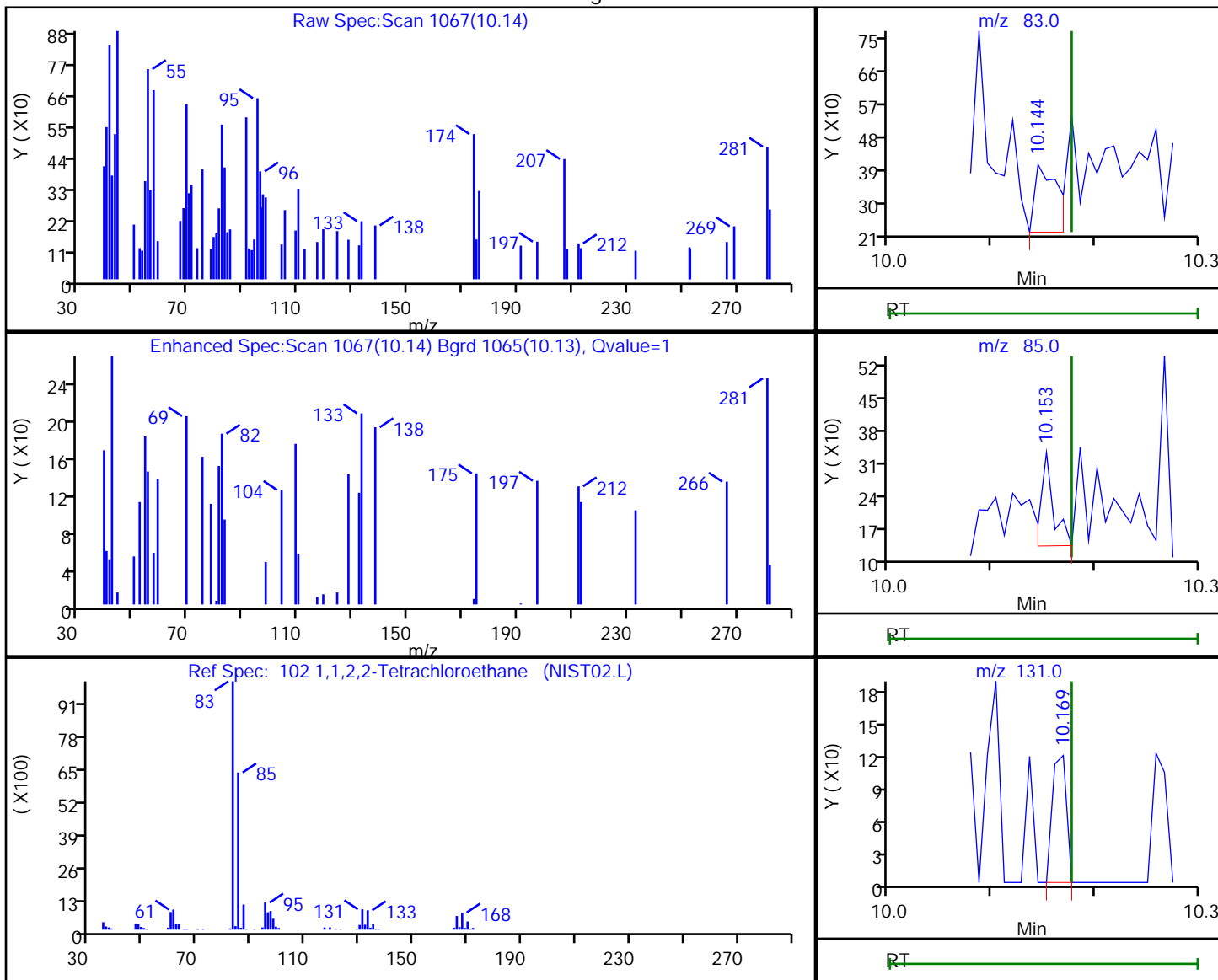
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID:  
 Purge Vol: 5.000 mL  
 Method: 8260624W6  
 Column: Rtx-624 (0.25 mm)

ALS Bottle#: 2 Worklist Smp#: 3  
 Dil. Factor: 1.0000  
 Limit Group: VOA - 8260C Water and Solid  
 Detector: MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.14	83.00	282	0.082203
10.15	85.00	165	
10.17	131.00	114	

Reviewer: boykink, 30-Sep-2018 23:14:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

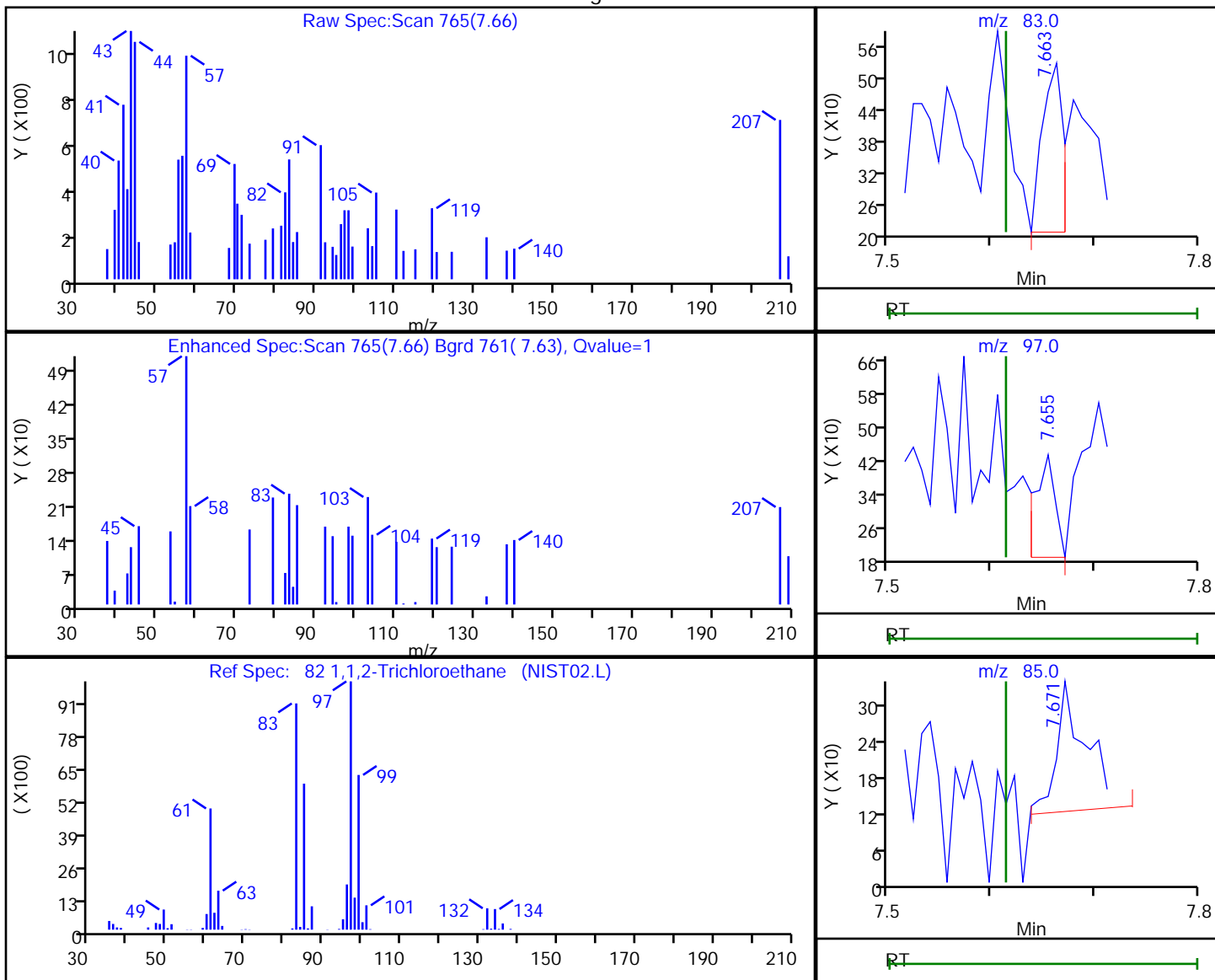
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.66	83.00	457	0.235297
7.65	97.00	329	
7.67	85.00	444	

Reviewer: boykink, 30-Sep-2018 23:13:53

Audit Action: Marked Compound Undetected

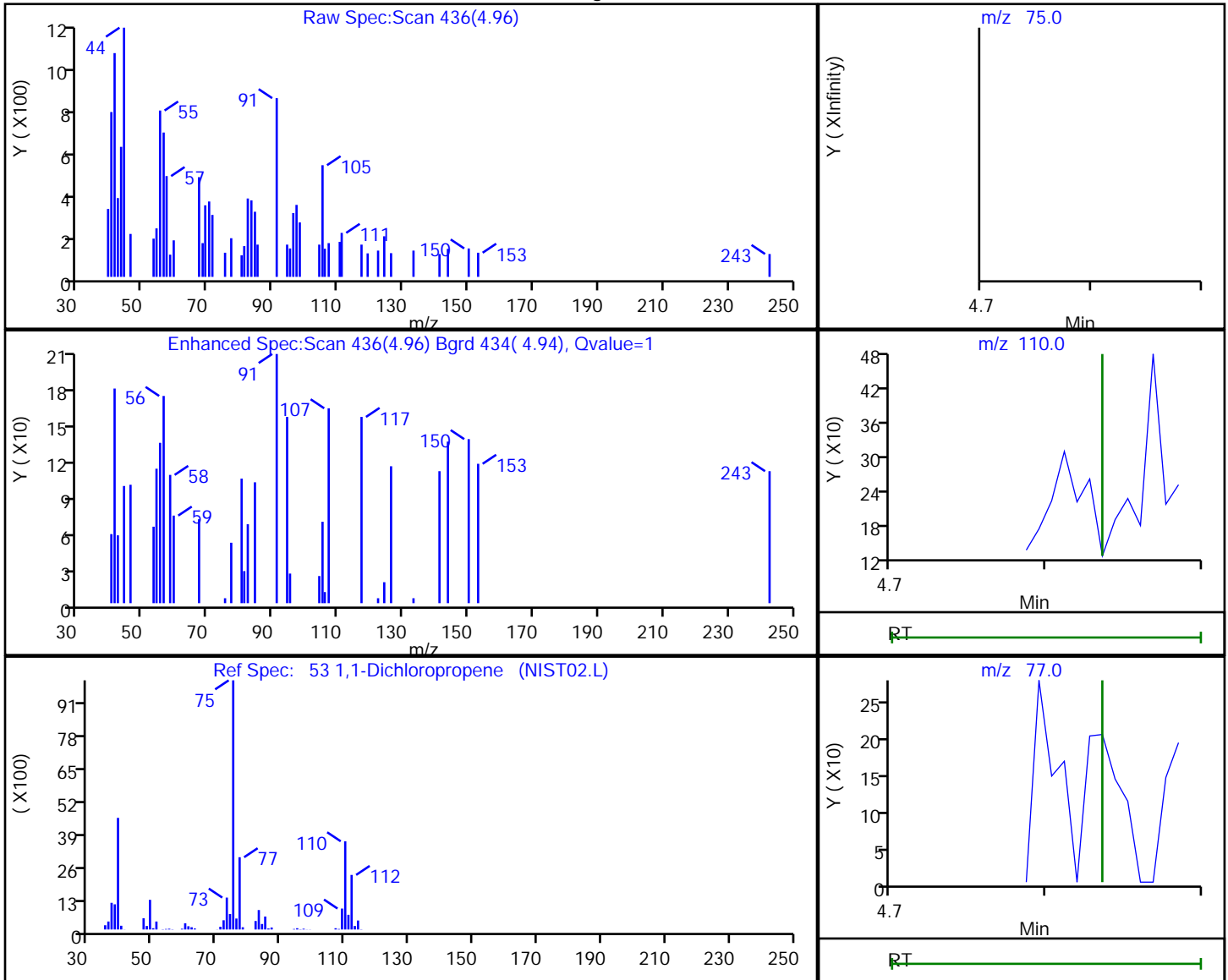
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.96	75.00	56	0.011392
4.95	110.00	252	
4.96	77.00	211	

Reviewer: boykink, 30-Sep-2018 23:13:38

Audit Action: Marked Compound Undetected

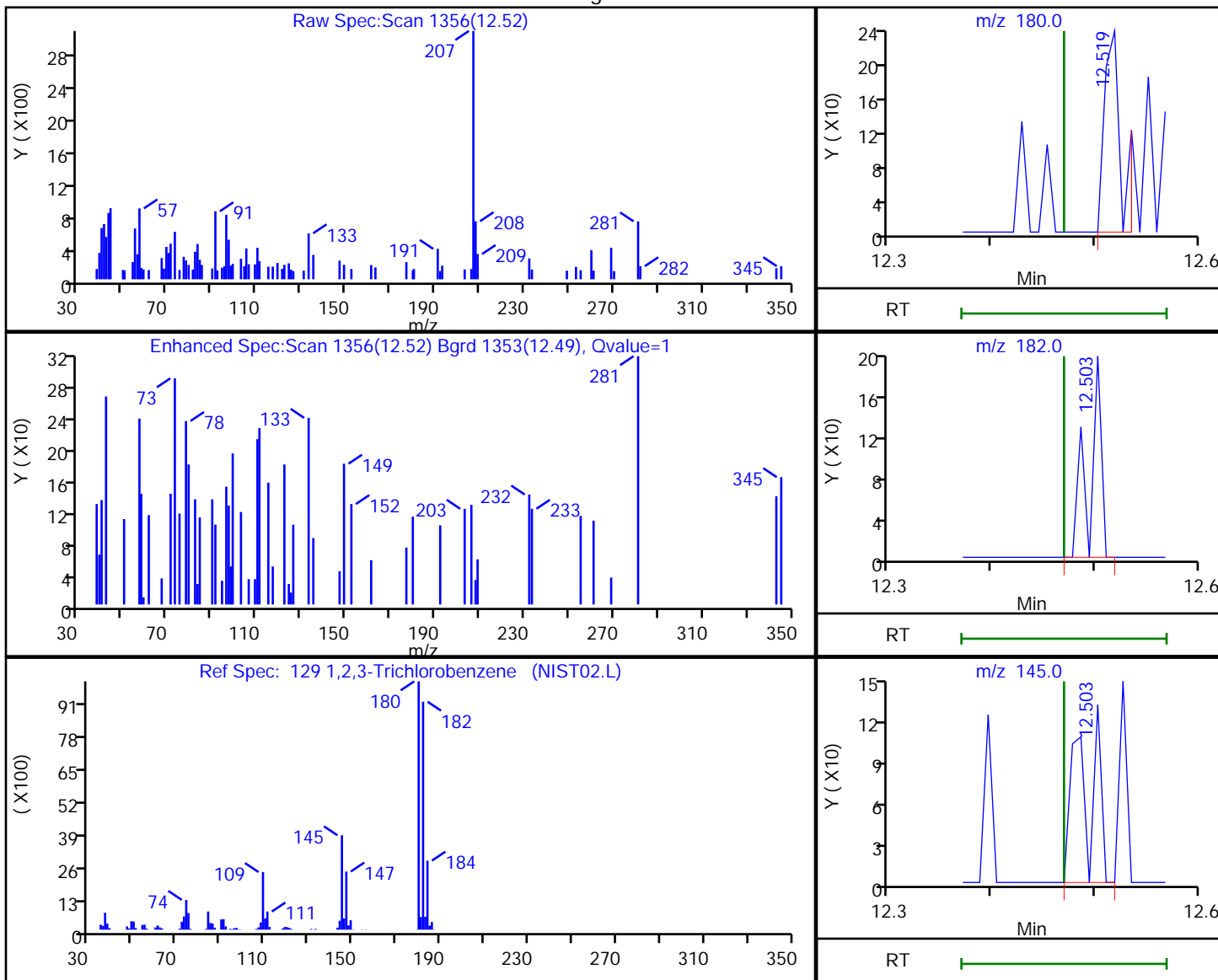
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

129 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.52	180.00	272	0.070267
12.50	182.00	157	
12.50	145.00	164	

Reviewer: boykink, 30-Sep-2018 23:14:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

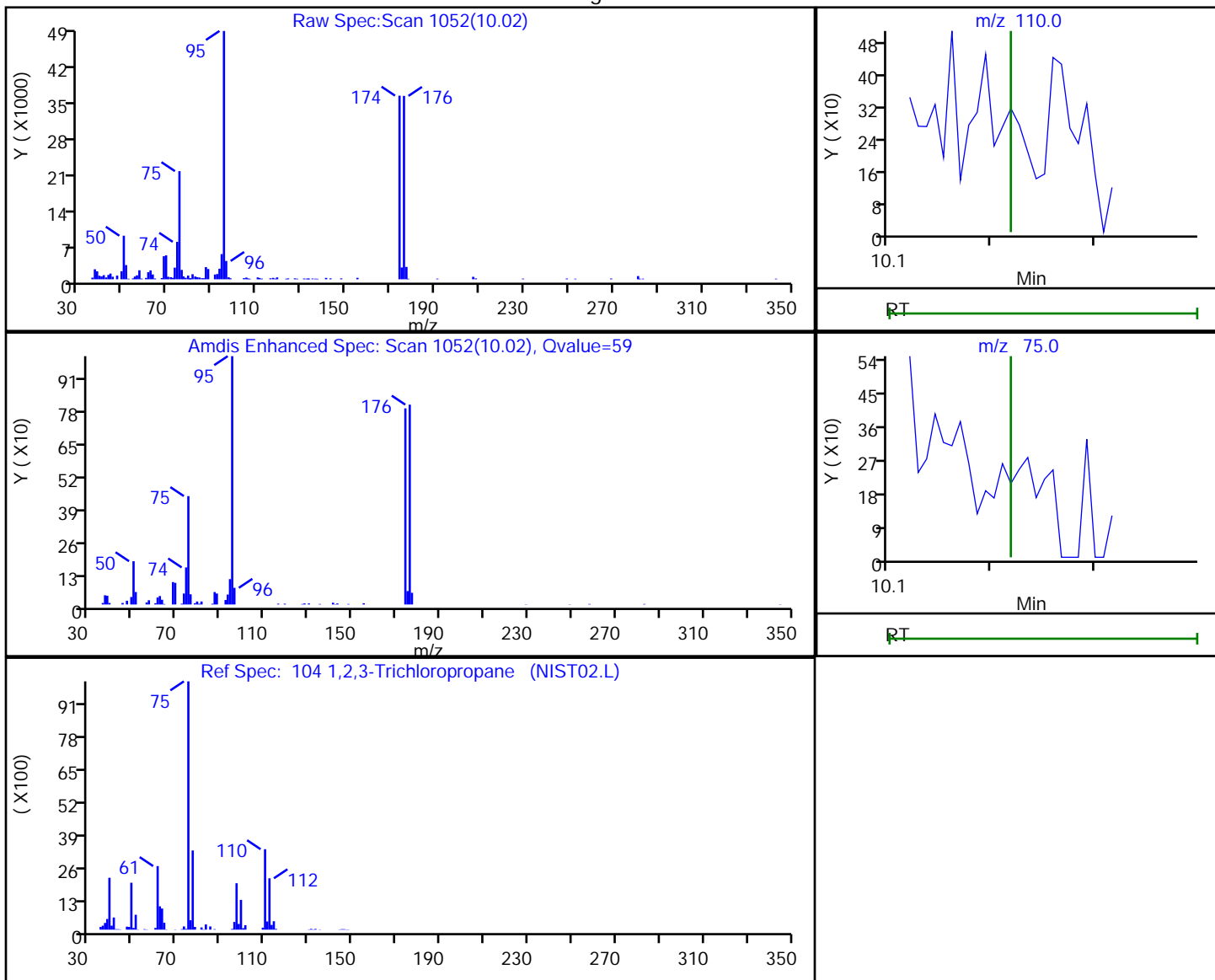
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.02	110.00	206	0.226715
10.02	75.00	34401	

Reviewer: boykink, 30-Sep-2018 23:14:04

Audit Action: Marked Compound Undetected

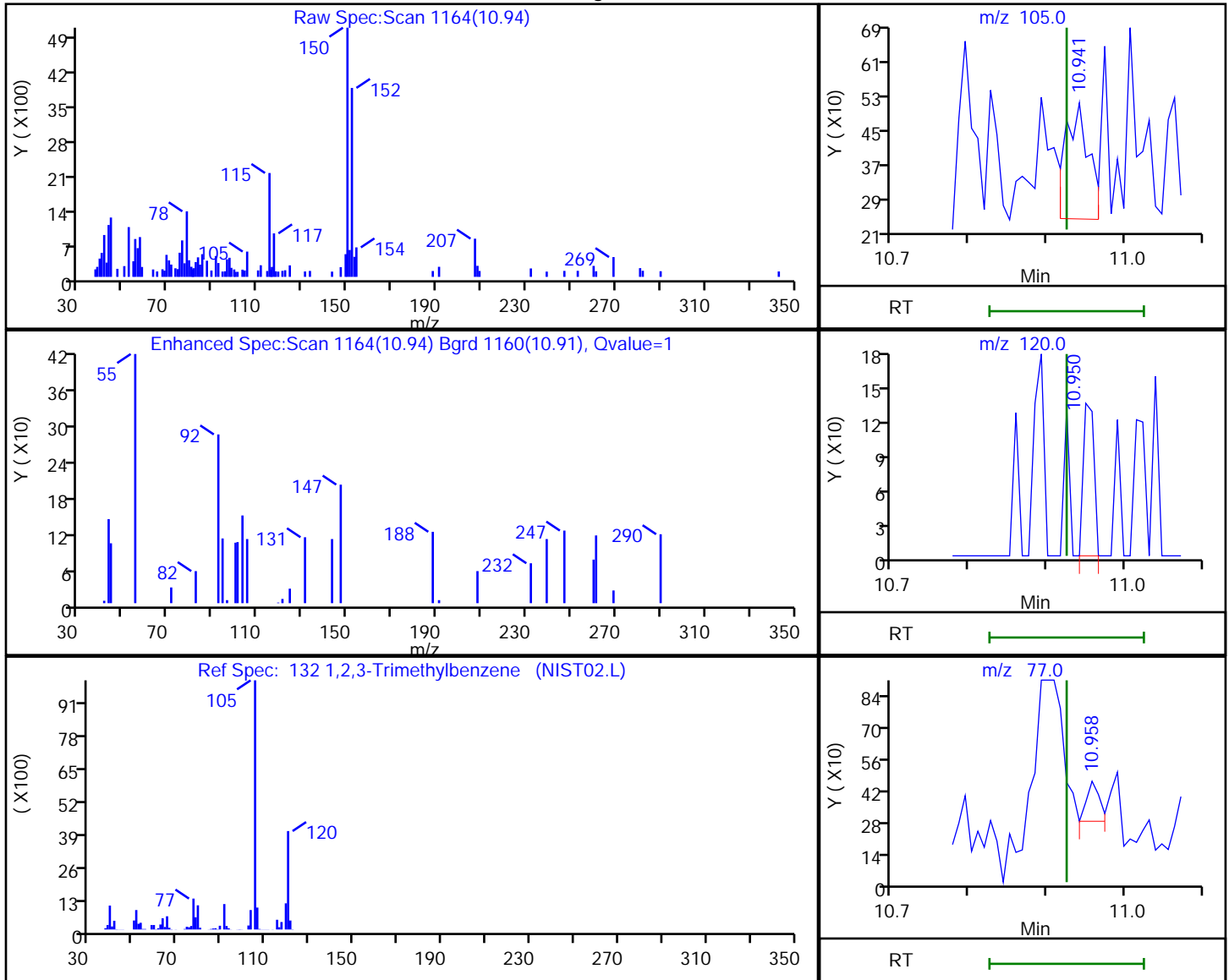
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

132 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.94	105.00	587	0.044648
10.95	120.00	125	
10.96	77.00	207	

Reviewer: boykink, 30-Sep-2018 23:14:14

Audit Action: Marked Compound Undetected

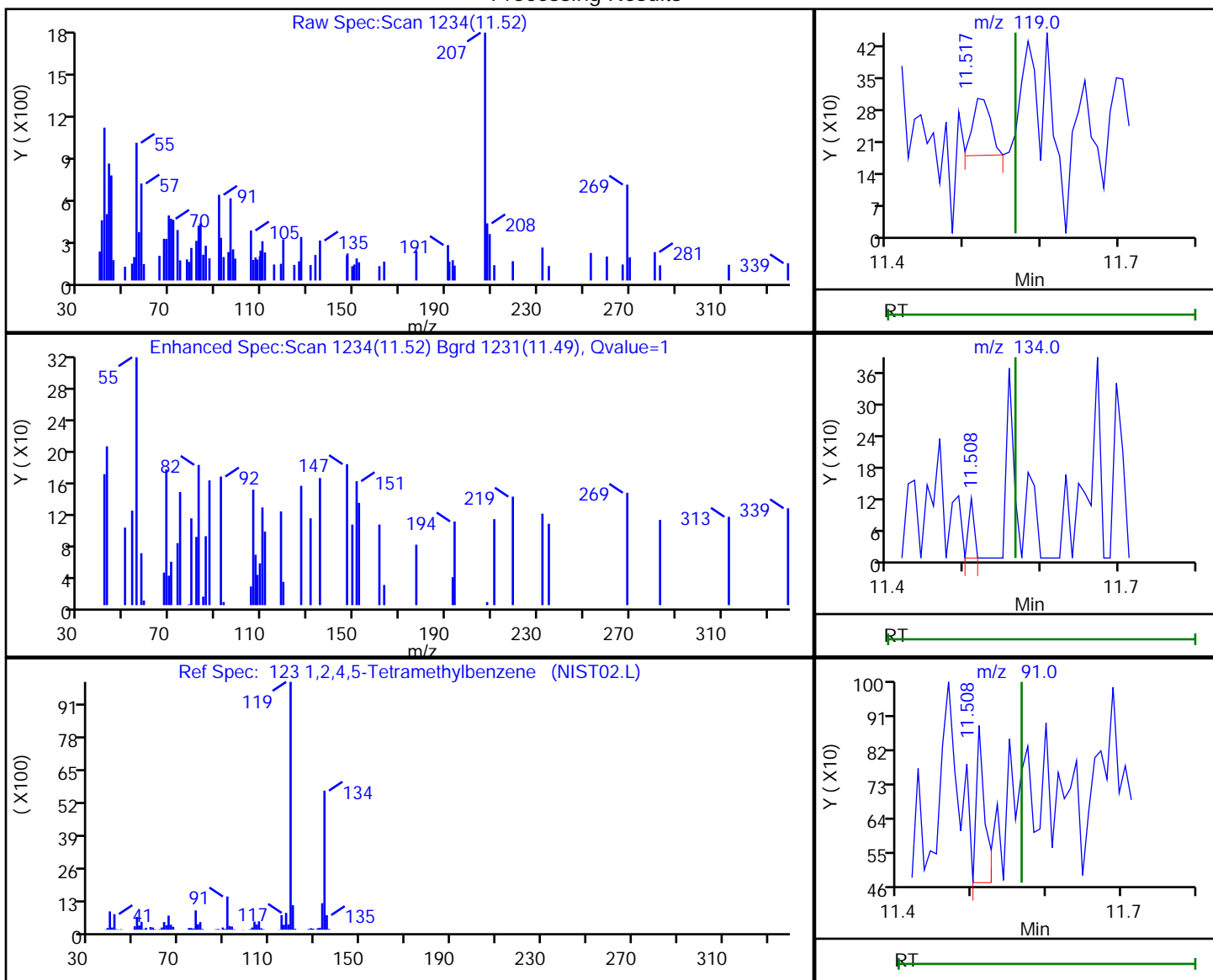
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

123 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.52	119.00	204	0.017253
11.51	134.00	57	
11.51	91.00	319	

Reviewer: boykink, 30-Sep-2018 23:14:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

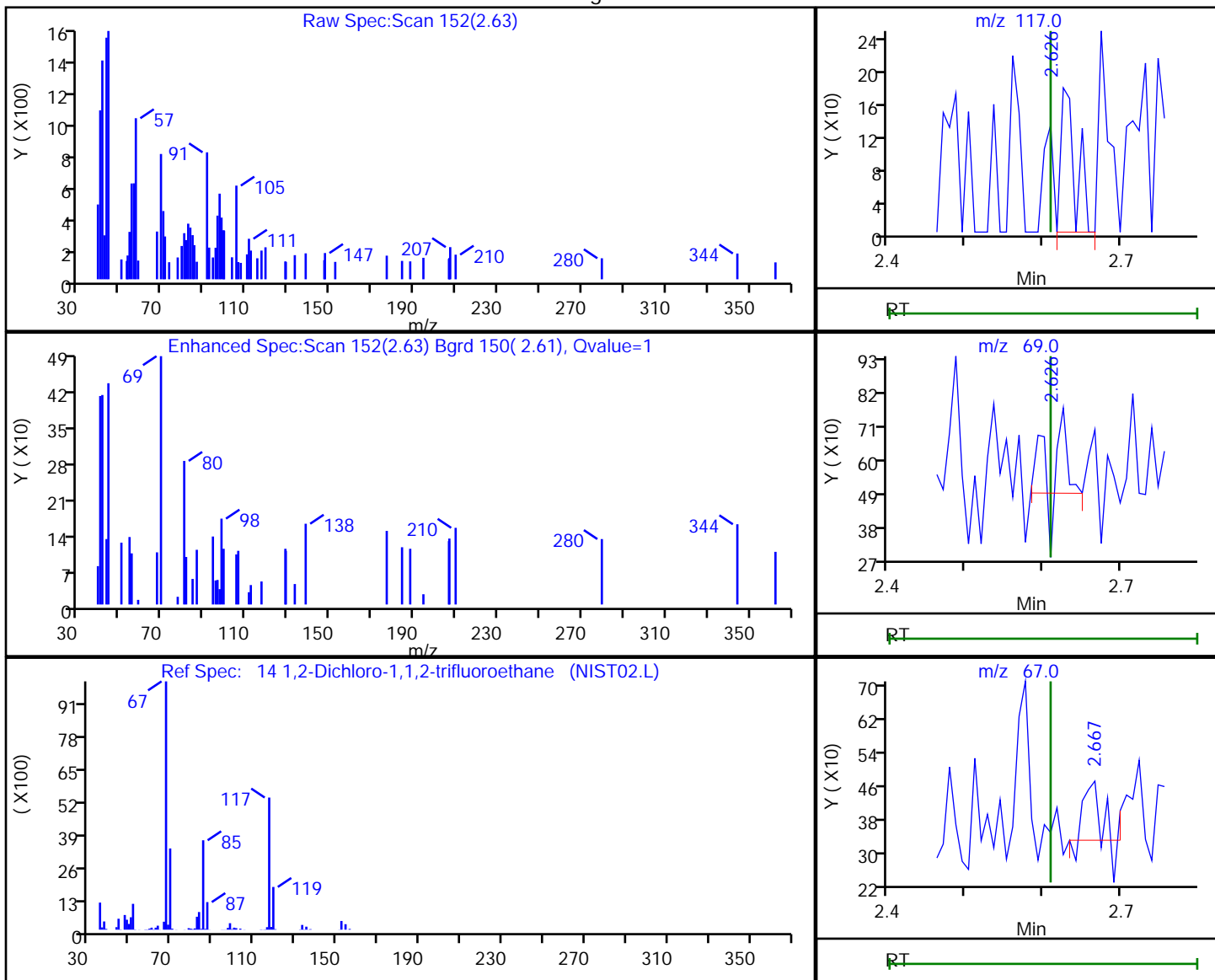
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

14 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.63	117.00	228	0.081296
2.63	69.00	329	
2.67	67.00	177	
2.64	119.00	319	

Reviewer: boykink, 30-Sep-2018 23:13:06

Audit Action: Marked Compound Undetected

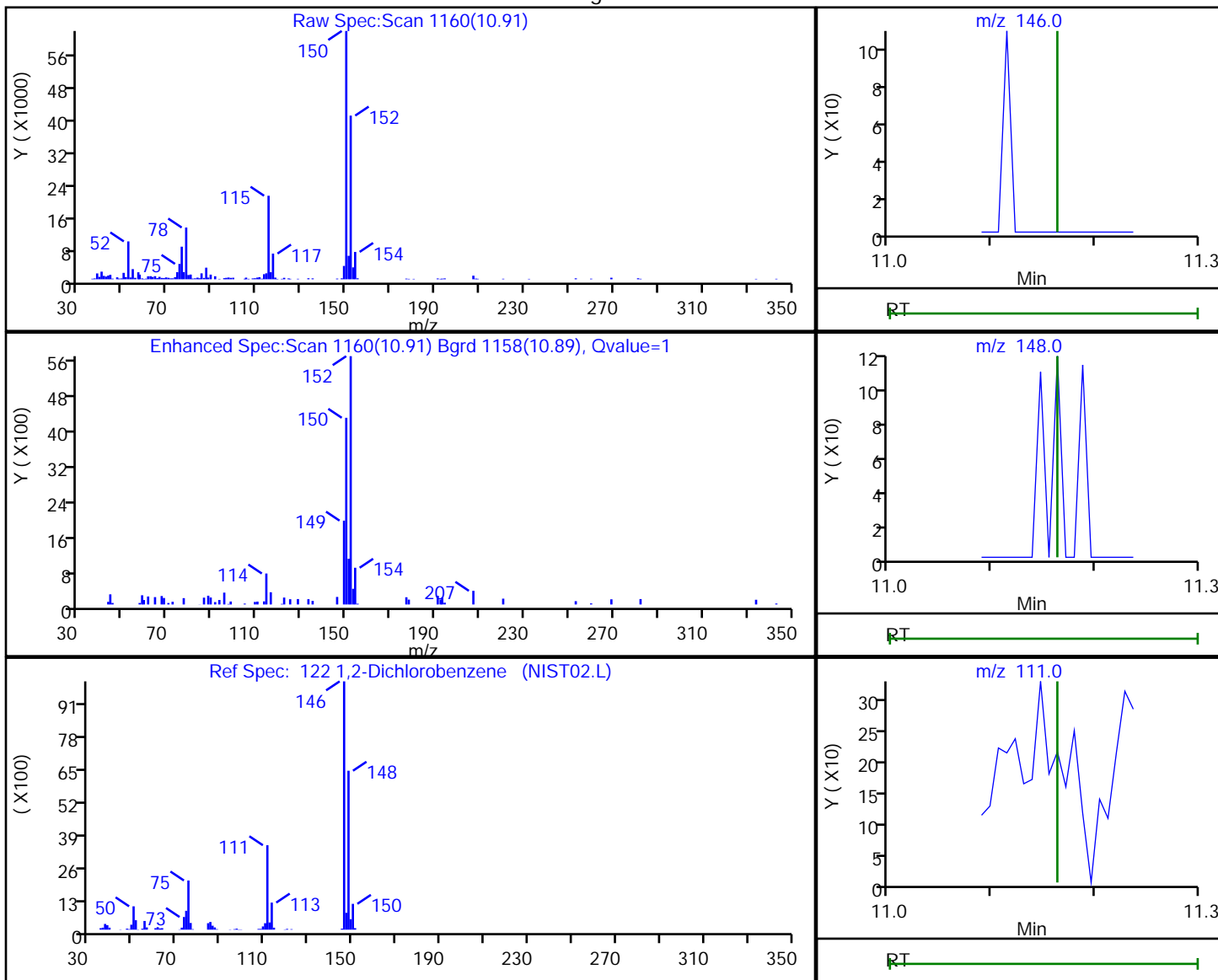
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

122 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.91	146.00	154	0.024653
10.90	148.00	599	
10.90	111.00	1592	

Reviewer: boykink, 30-Sep-2018 23:14:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

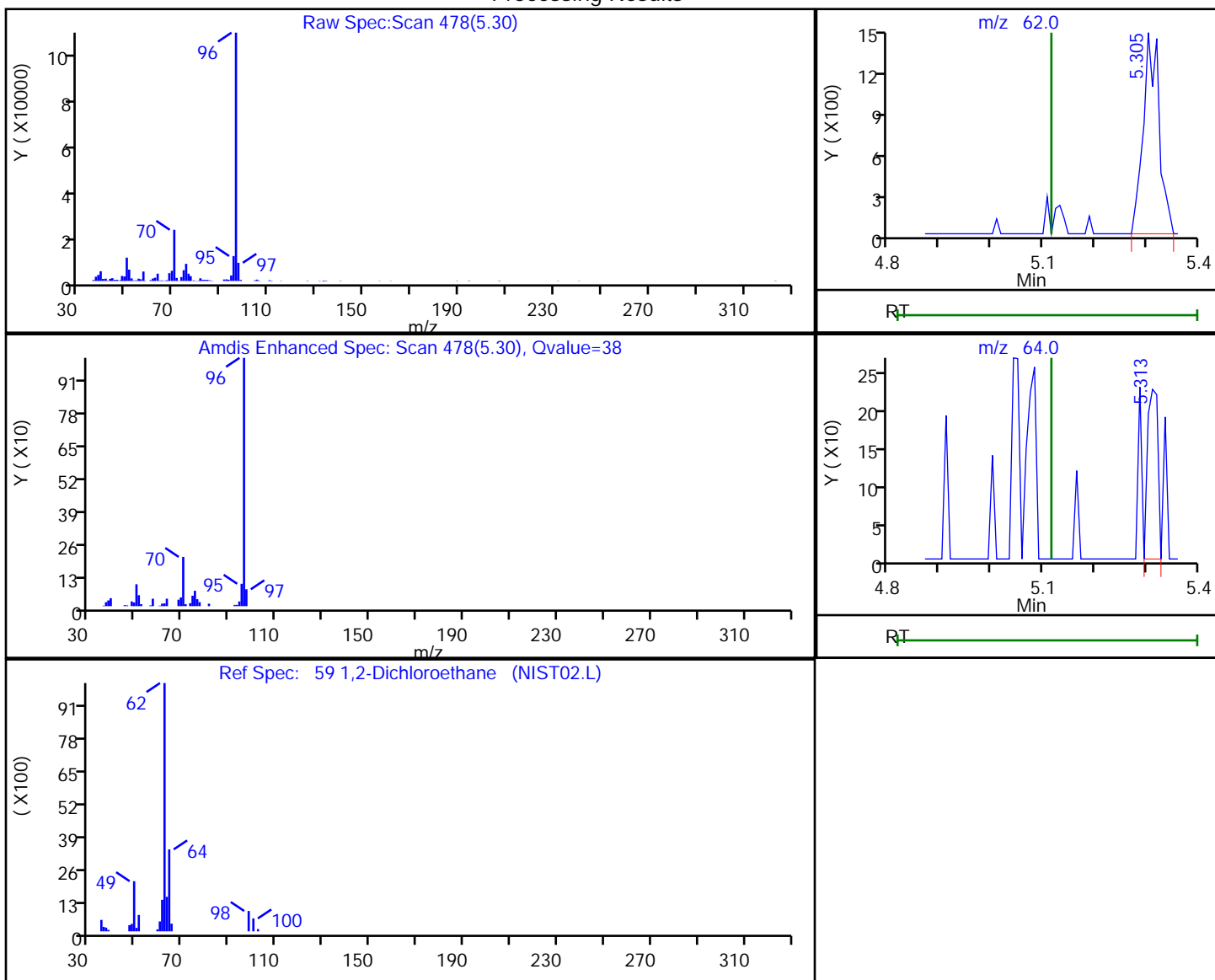
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	3057	0.621408
5.31	64.00	308	

Reviewer: boykink, 30-Sep-2018 23:13:40

Audit Action: Marked Compound Undetected

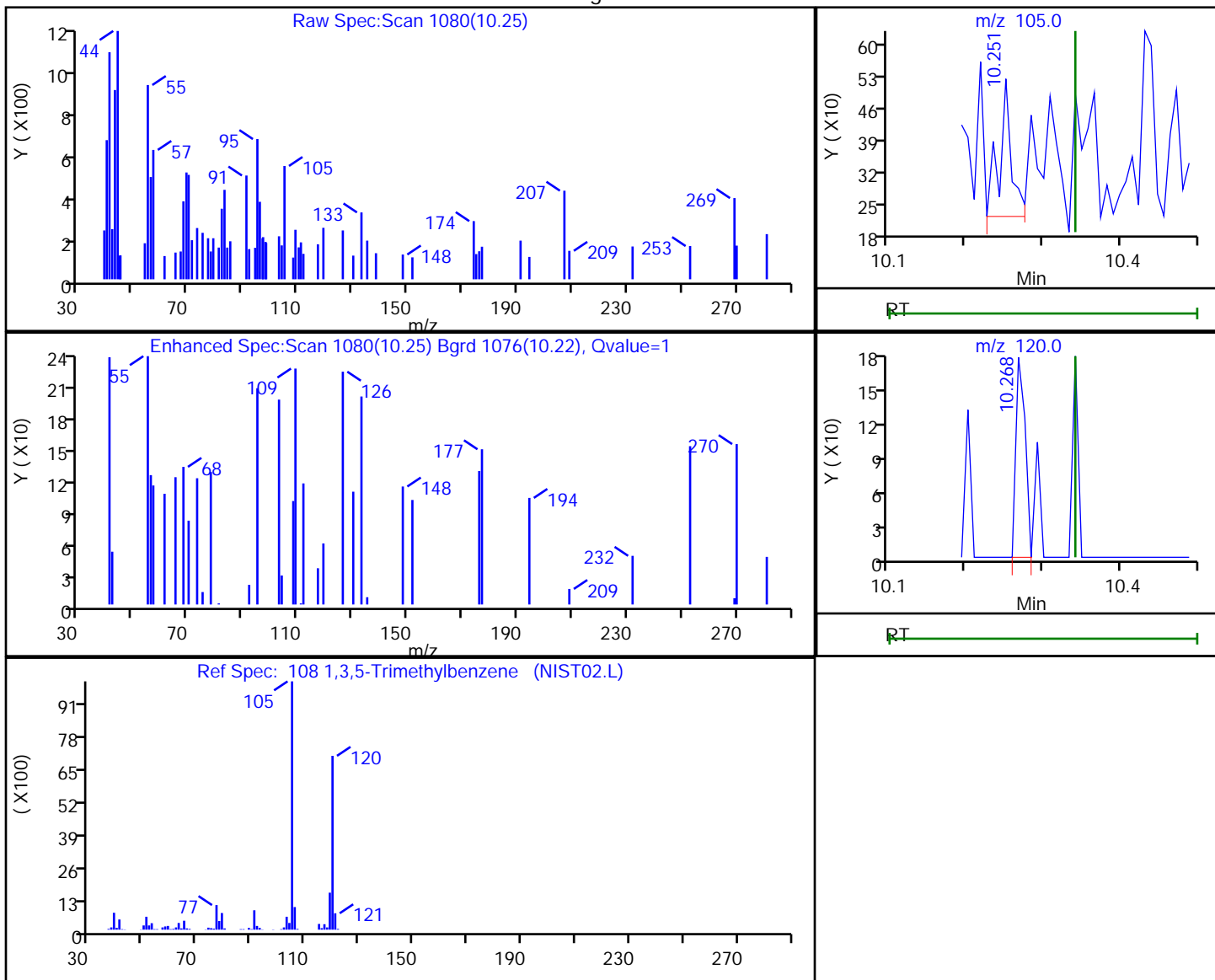
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.25	105.00	328	0.026212
10.27	120.00	150	

Reviewer: boykink, 30-Sep-2018 23:14:07

Audit Action: Marked Compound Undetected

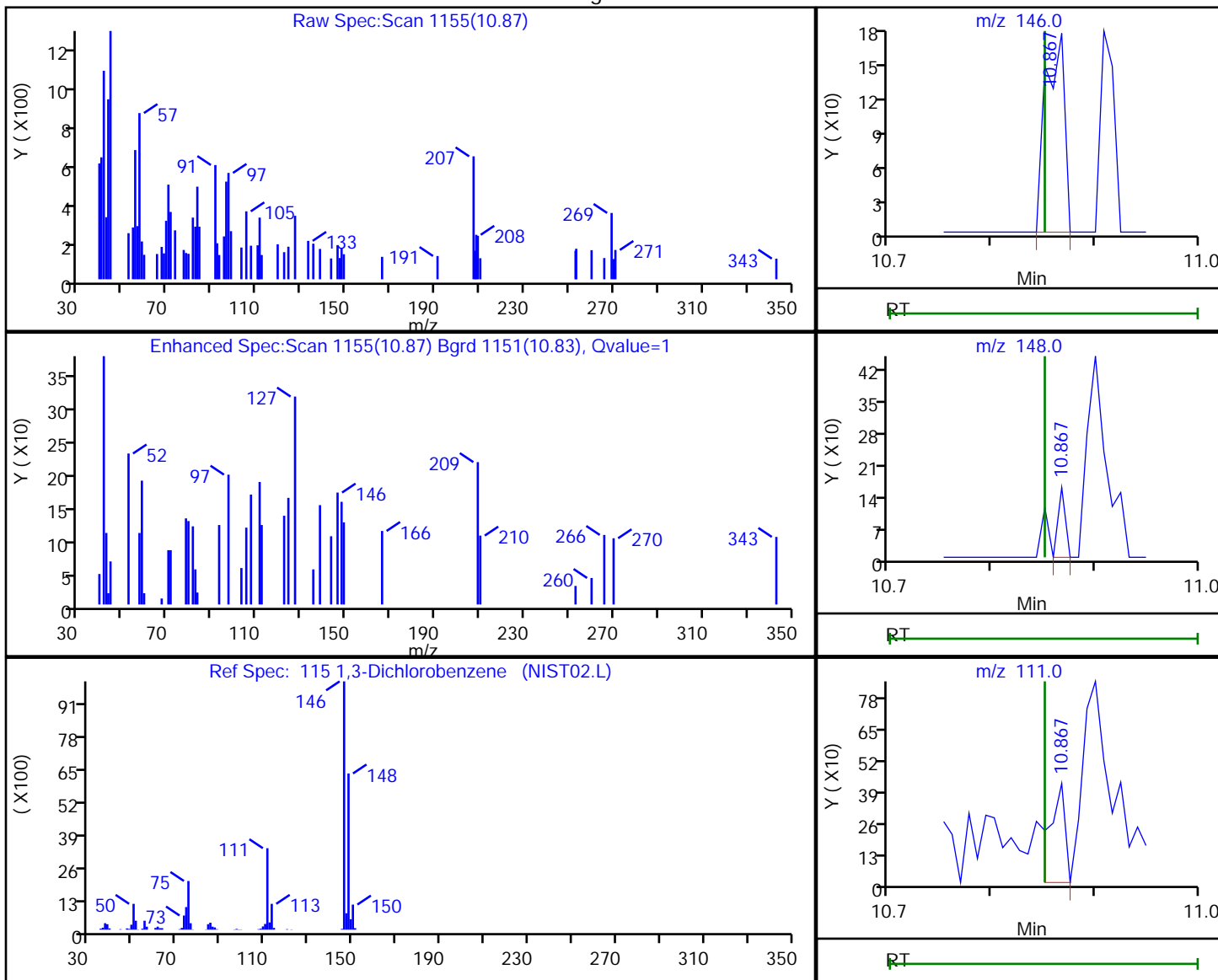
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.87	146.00	213	0.035362
10.87	148.00	76	
10.87	111.00	438	

Reviewer: boykink, 30-Sep-2018 23:14:11

Audit Action: Marked Compound Undetected

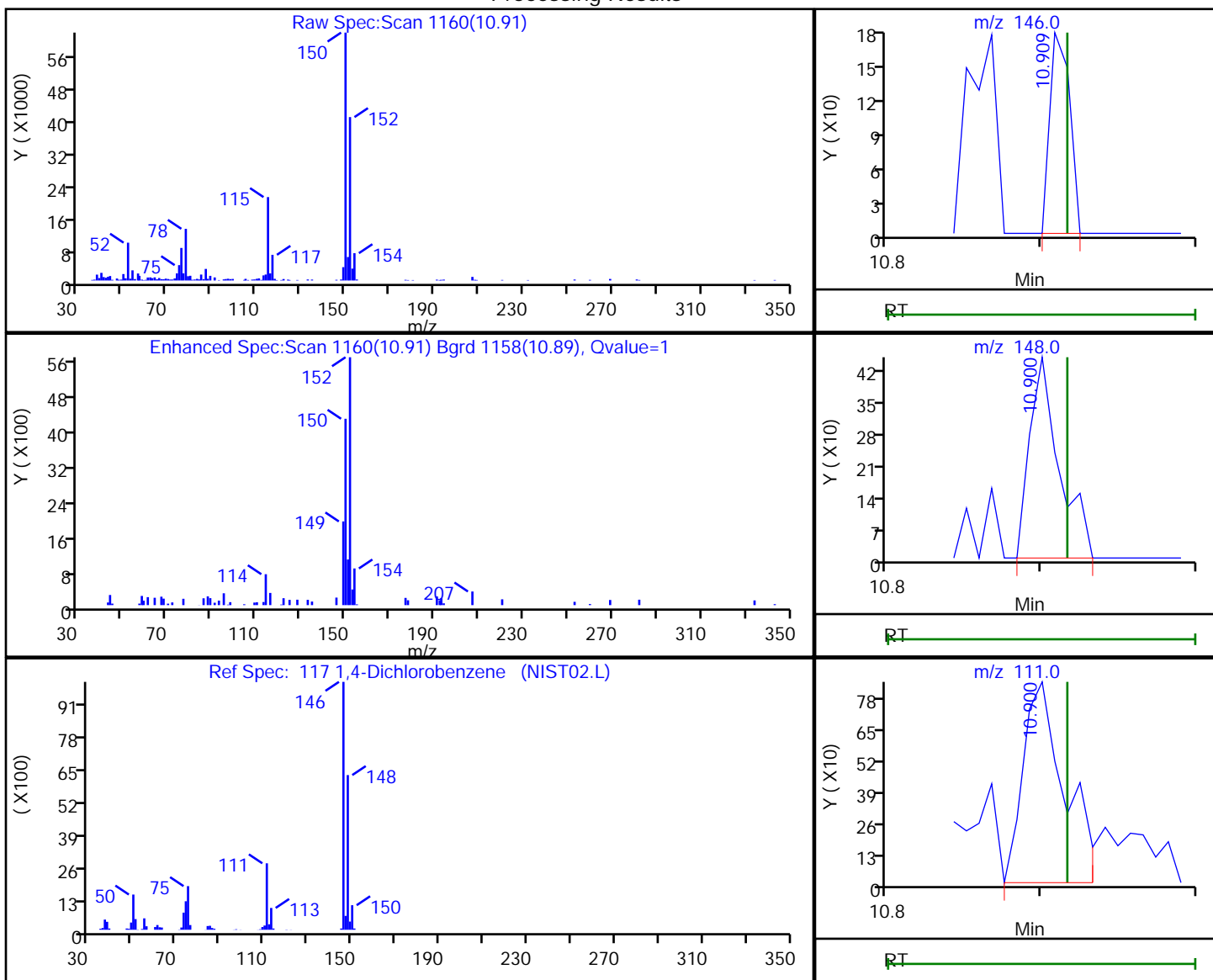
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.91	146.00	154	0.024317
10.90	148.00	599	
10.90	111.00	1592	

Reviewer: boykink, 30-Sep-2018 23:14:13

Audit Action: Marked Compound Undetected

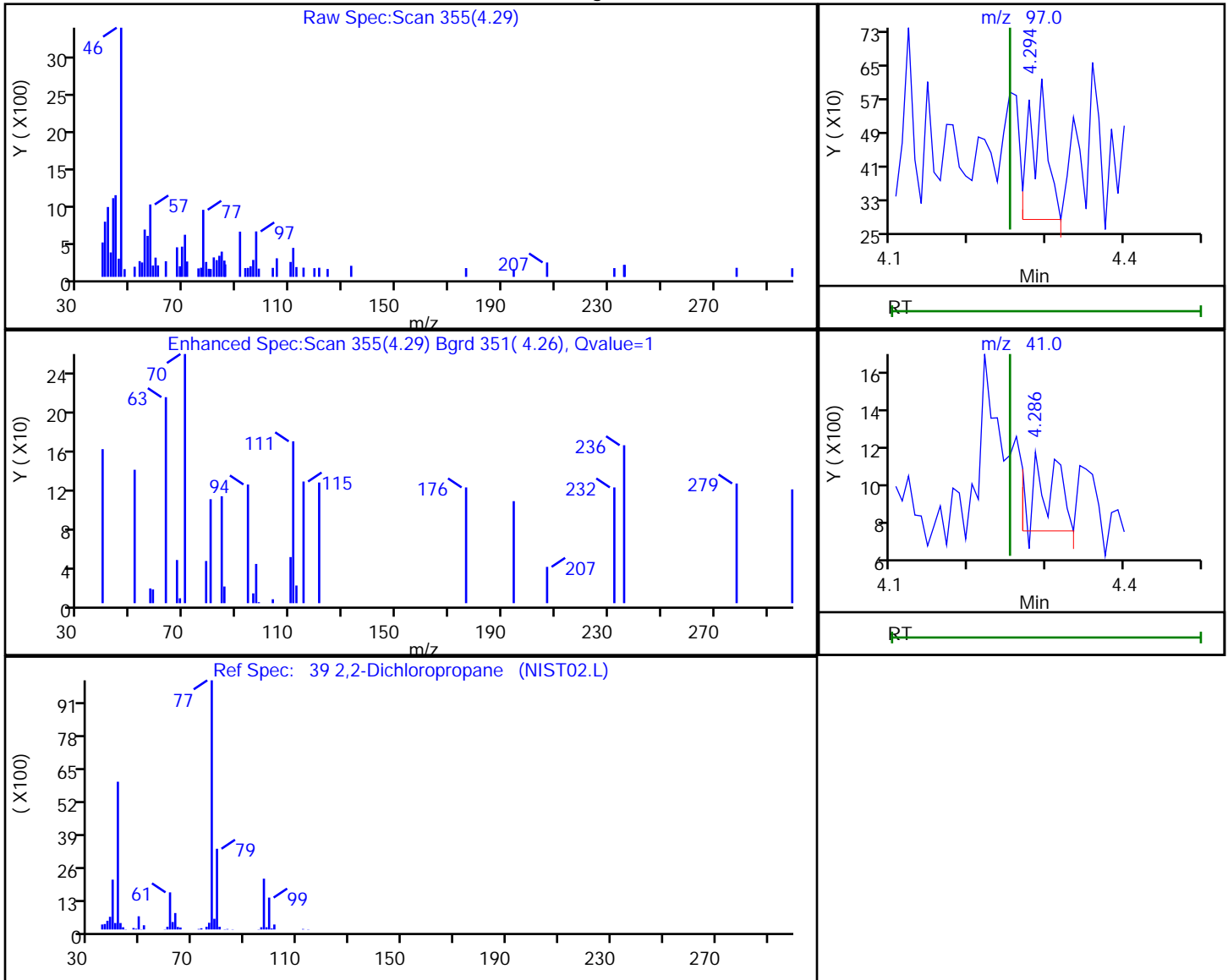
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.29	97.00	498	0.400830
4.29	41.00	869	

Reviewer: boykink, 30-Sep-2018 23:13:27

Audit Action: Marked Compound Undetected

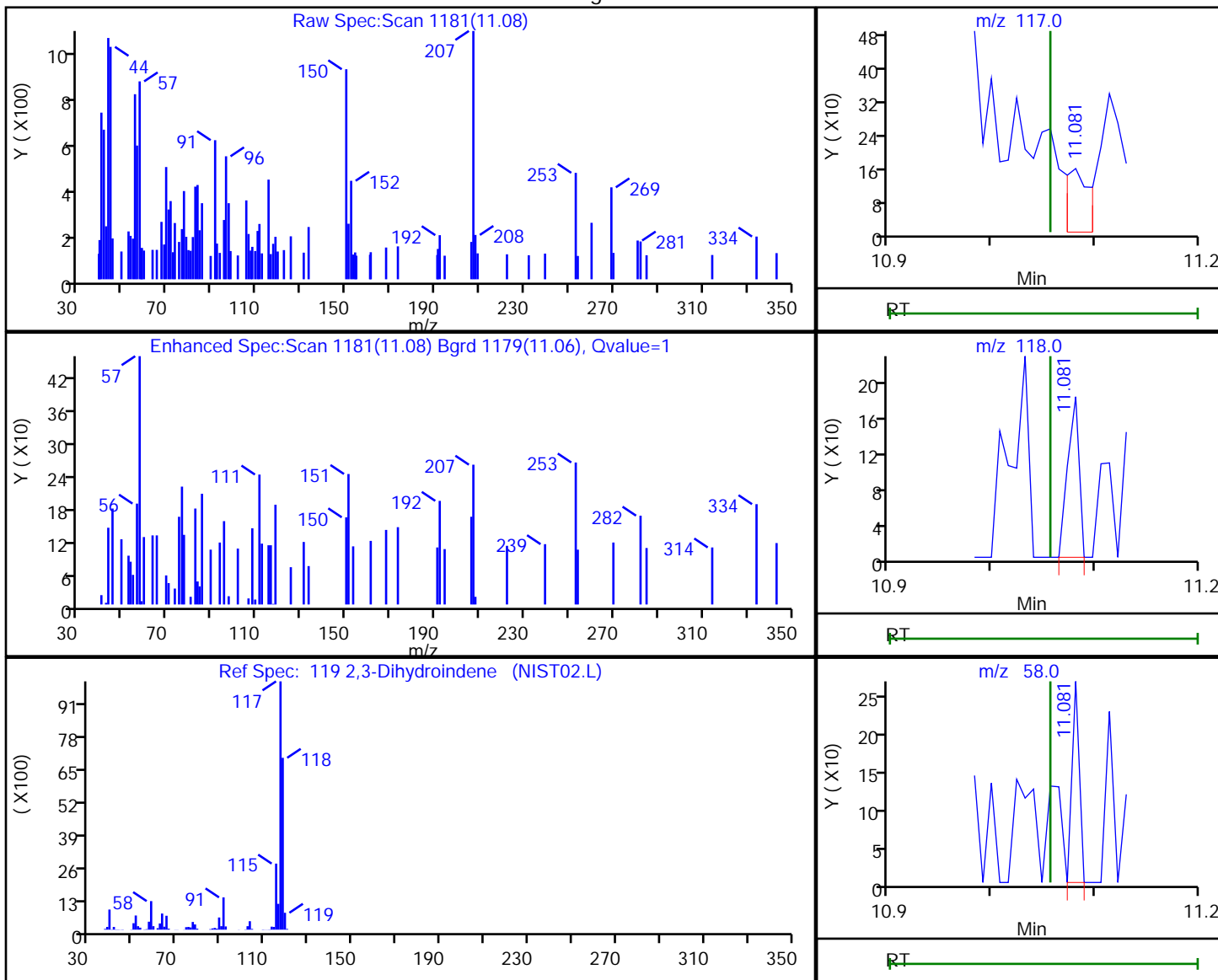
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

119 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.08	117.00	248	0.020604
11.08	118.00	141	
11.08	58.00	132	

Reviewer: boykink, 30-Sep-2018 23:14:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

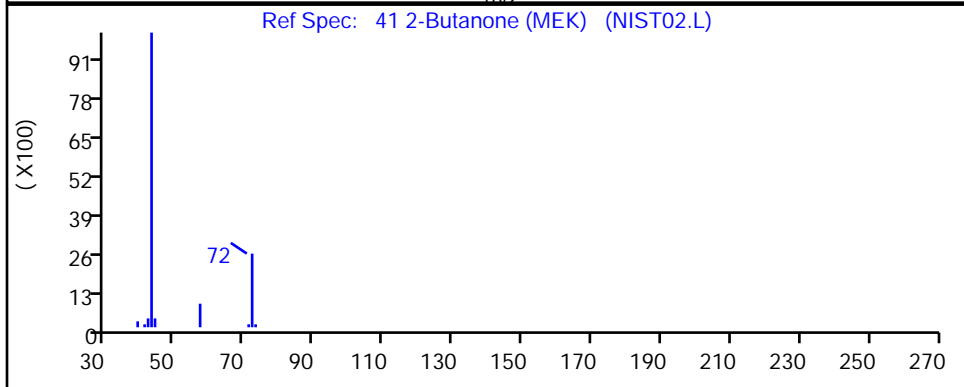
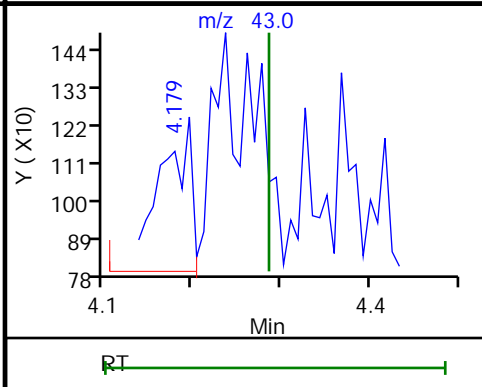
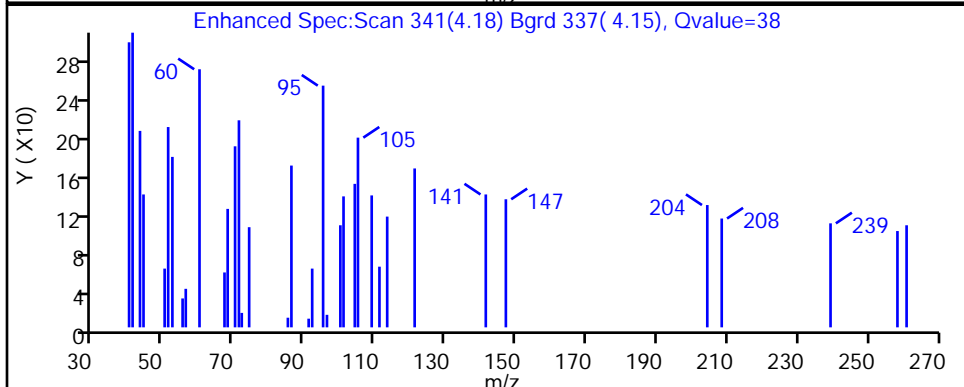
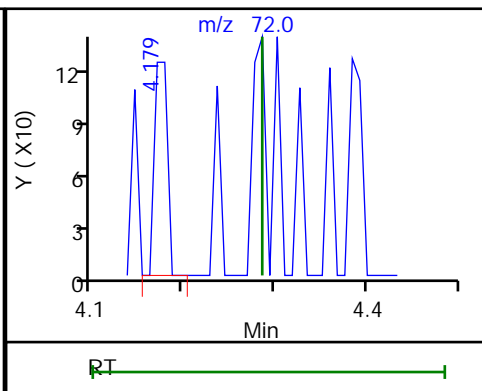
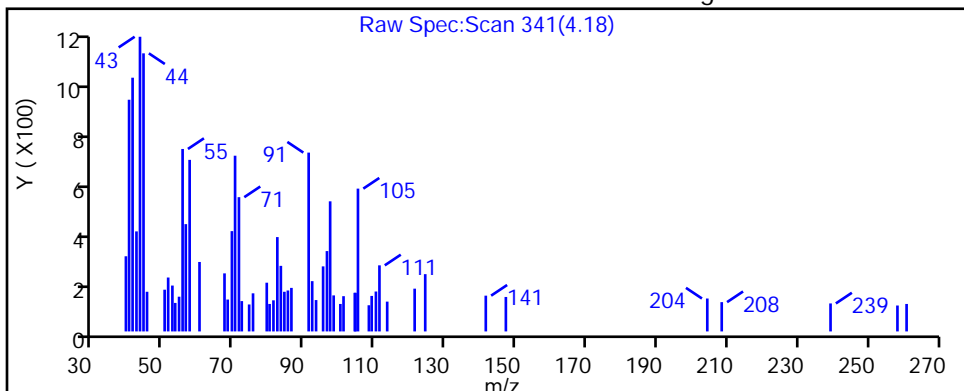
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.18	72.00	115	0.586866
4.18	43.00	1308	

Reviewer: boykink, 30-Sep-2018 23:13:25

Audit Action: Marked Compound Undetected

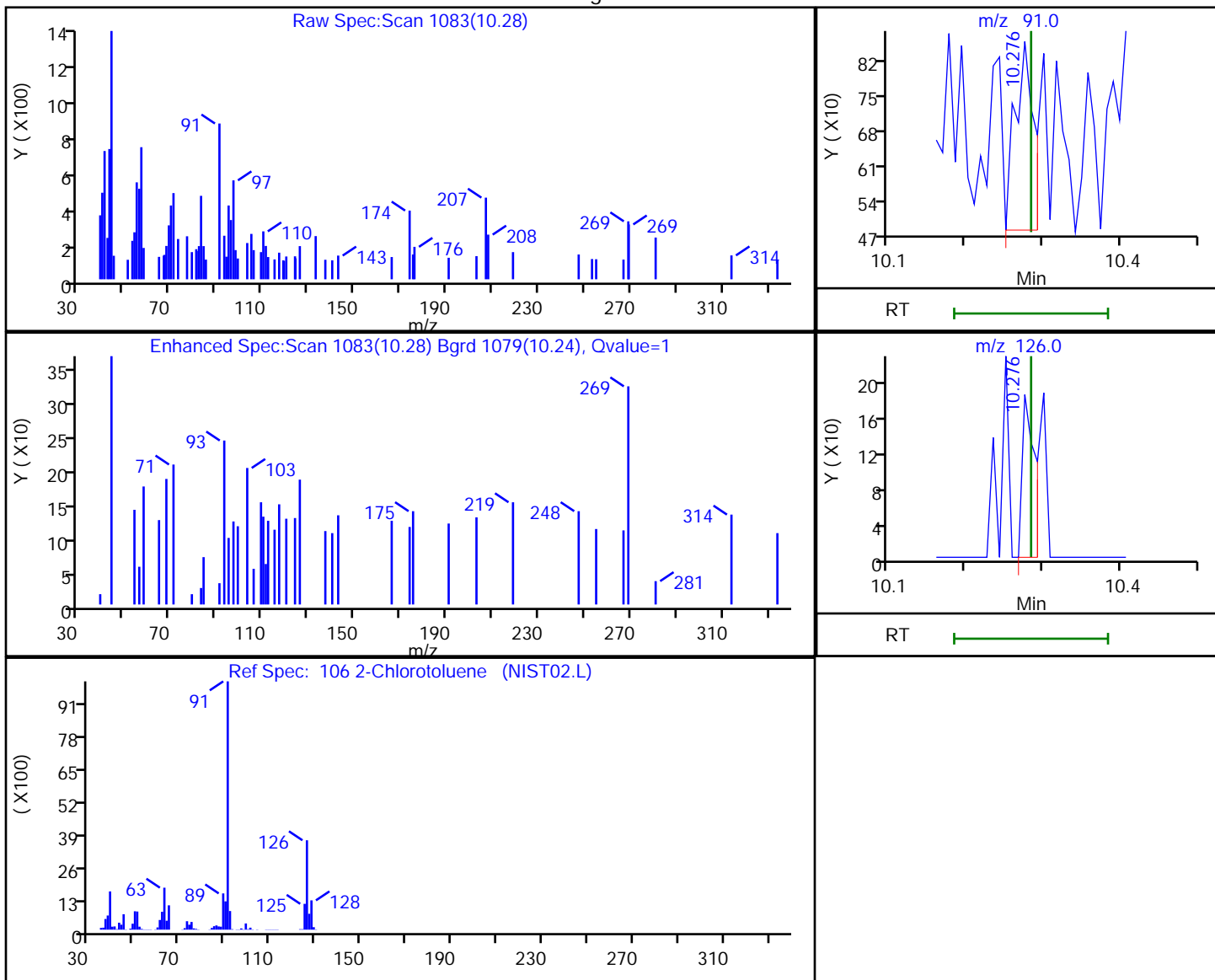
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.28	91.00	630	0.051765
10.28	126.00	206	

Reviewer: boykink, 30-Sep-2018 23:14:09

Audit Action: Marked Compound Undetected

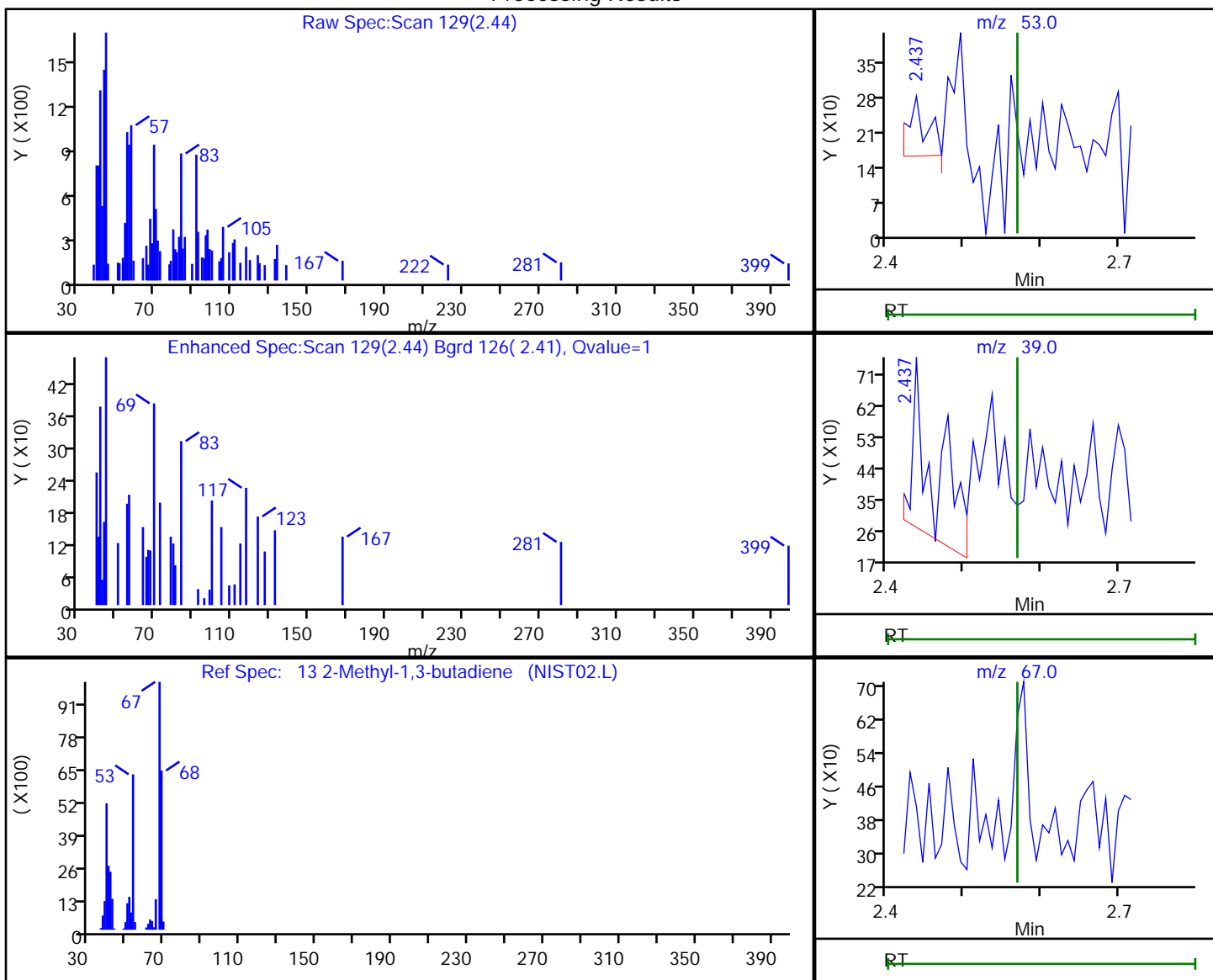
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.44	53.00	197	0.044937
2.44	39.00	996	
2.55	67.00	0	

Reviewer: boykink, 30-Sep-2018 23:13:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

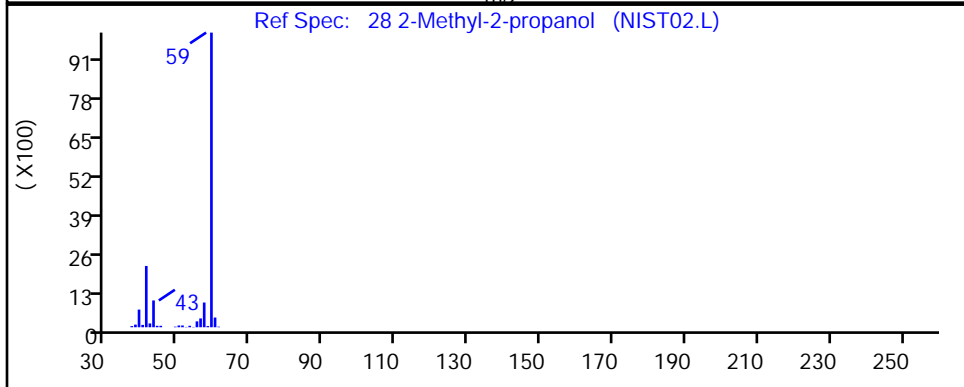
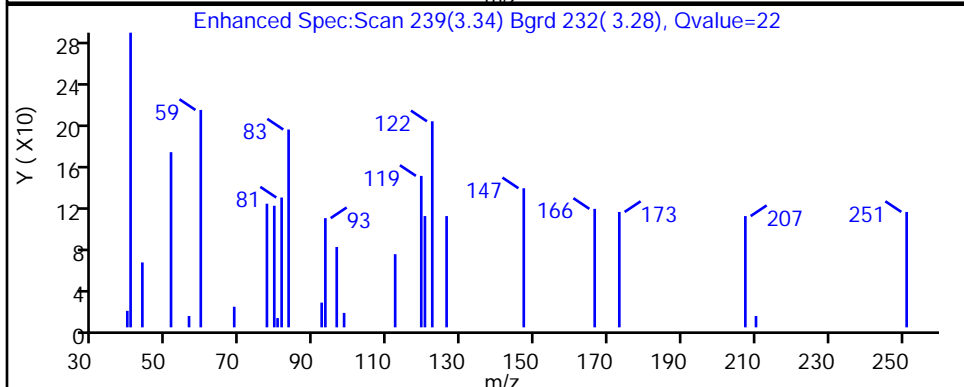
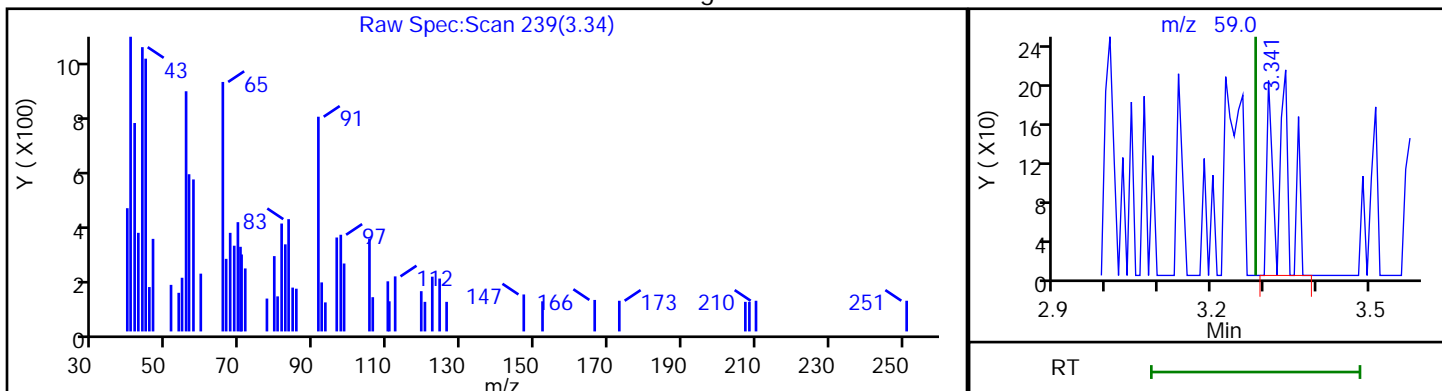
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260624W6  
Column: Rtx-624 (0.25 mm)

ALS Bottle#: 2 Worklist Smp#: 3  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260C Water and Solid  
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.34	59.00	413	1.153843

Reviewer: boykink, 30-Sep-2018 23:13:15

Audit Action: Marked Compound Undetected

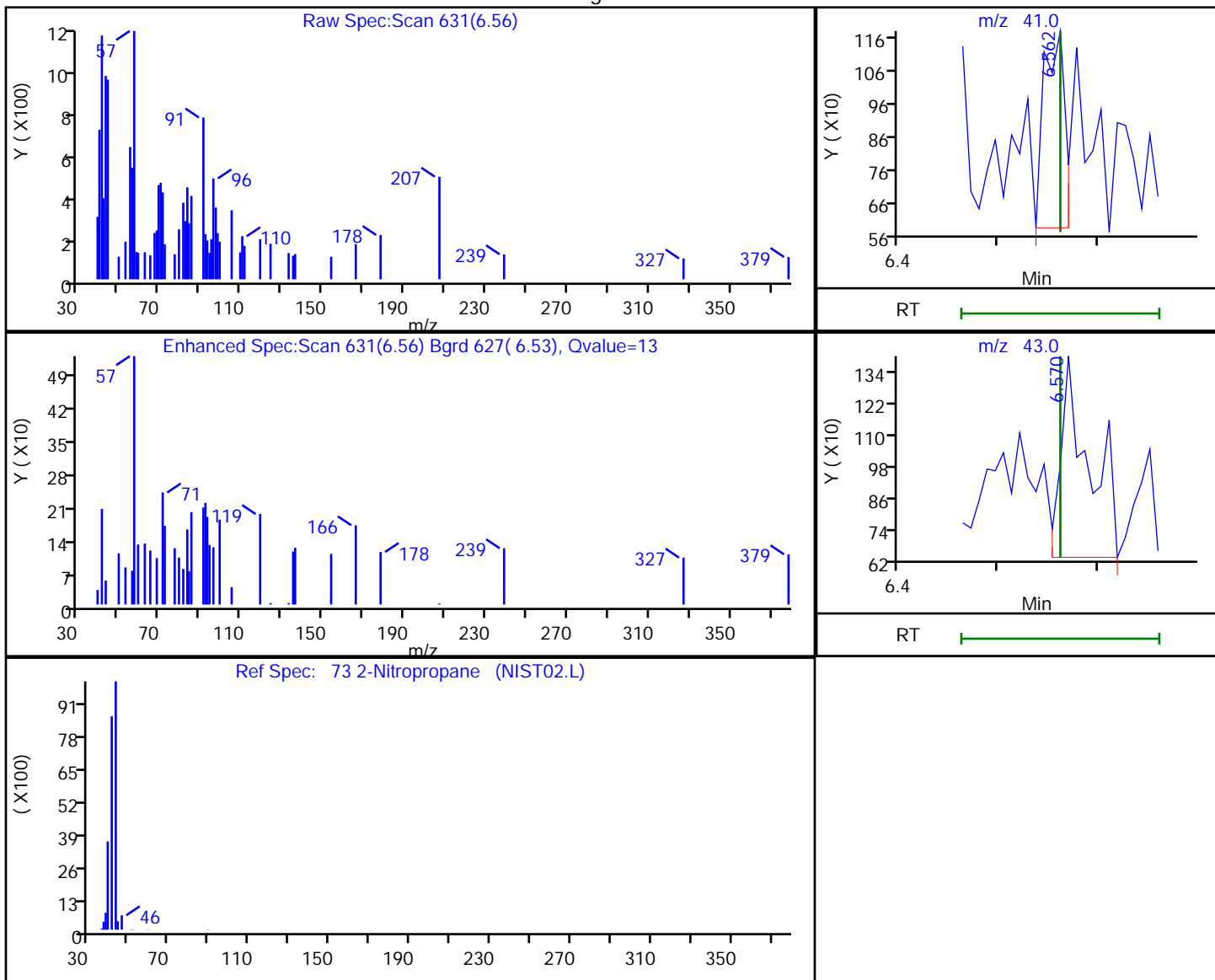
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

73 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.56	41.00	873	0.876012
6.57	43.00	1513	

Reviewer: boykink, 30-Sep-2018 23:13:47

Audit Action: Marked Compound Undetected

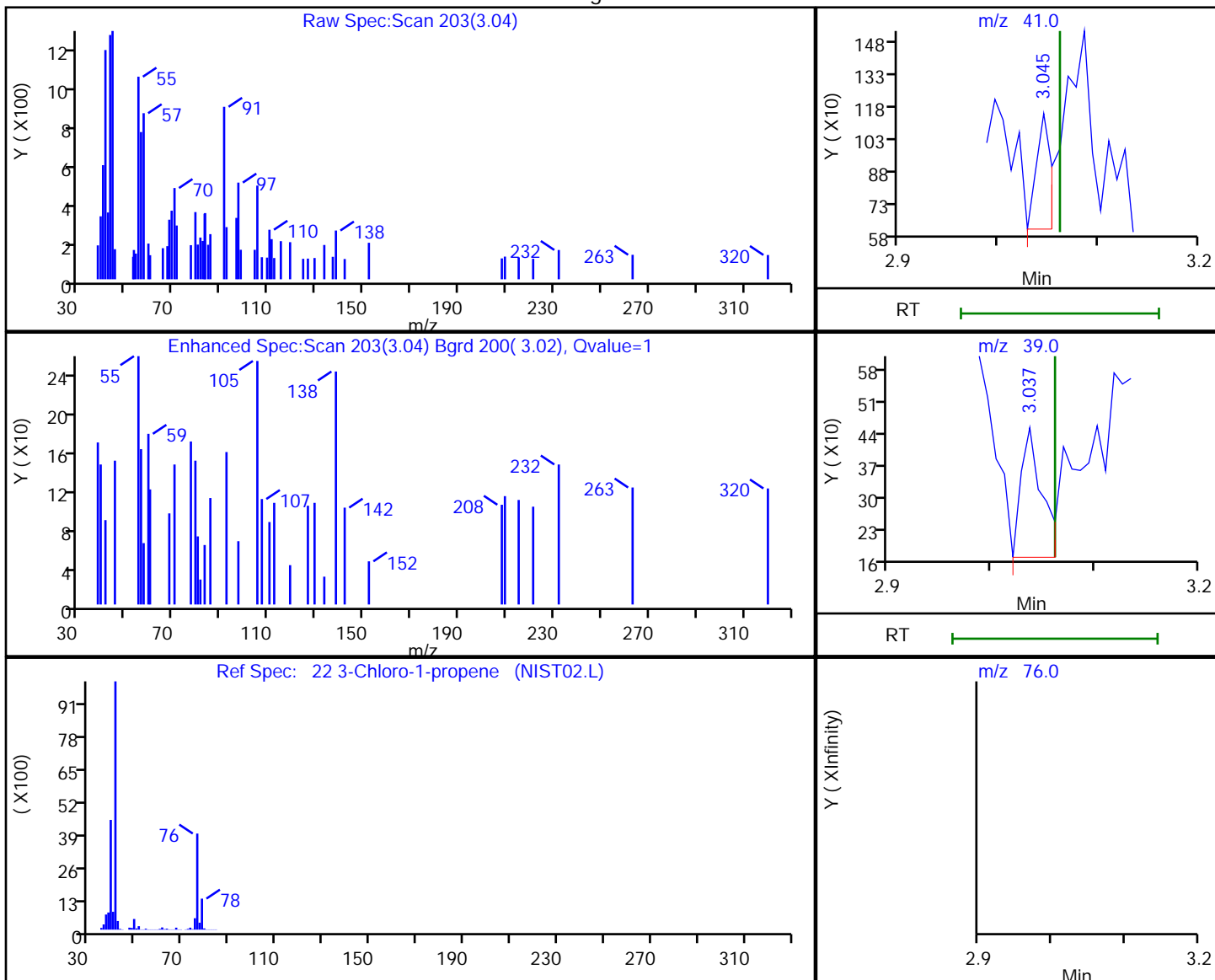
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.04	41.00	547	0.050529
3.04	39.00	397	
3.05	76.00	0	

Reviewer: boykink, 30-Sep-2018 23:13:11

Audit Action: Marked Compound Undetected

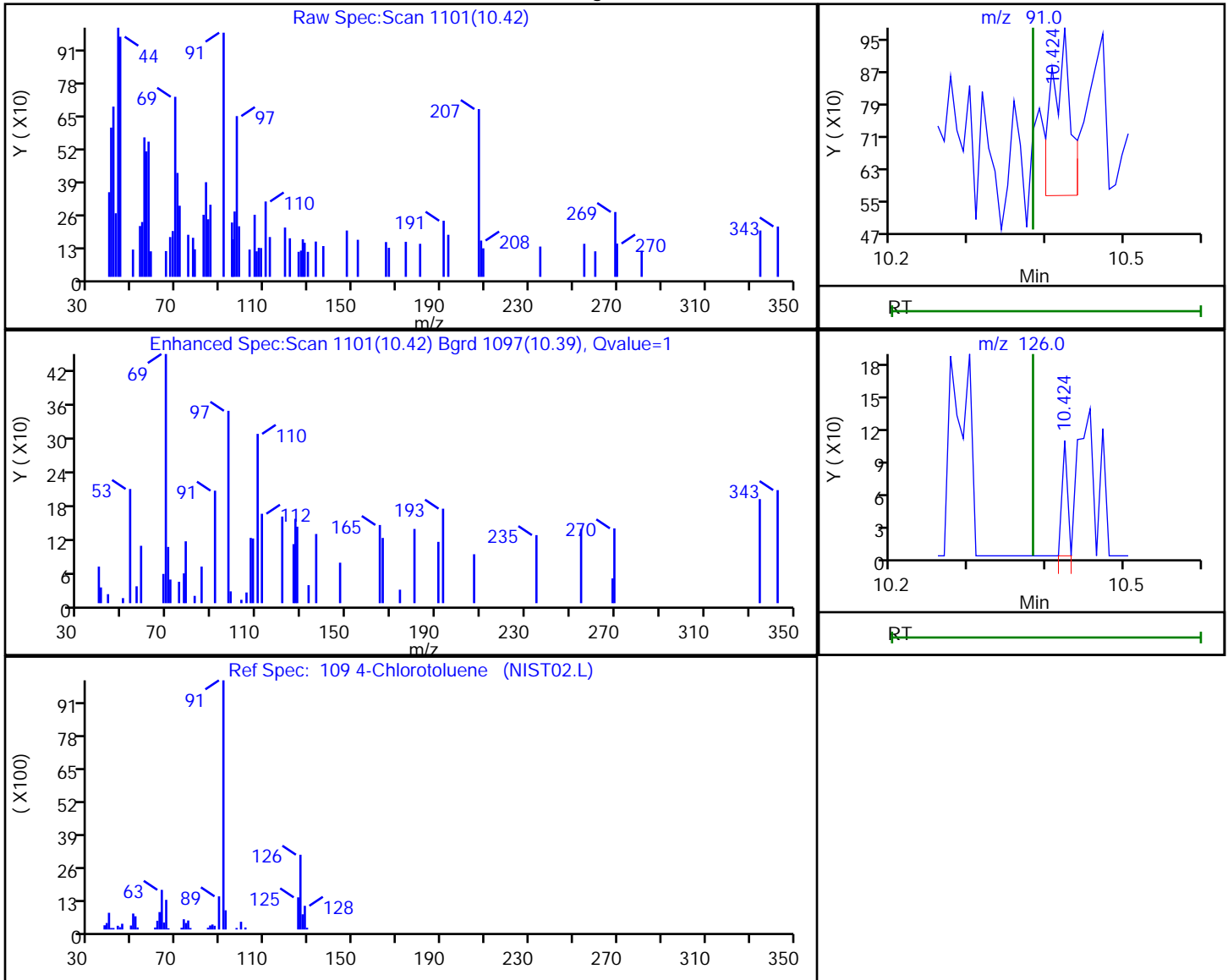
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.42	91.00	671	0.062080
10.42	126.00	52	

Reviewer: boykink, 30-Sep-2018 23:14:09

Audit Action: Marked Compound Undetected

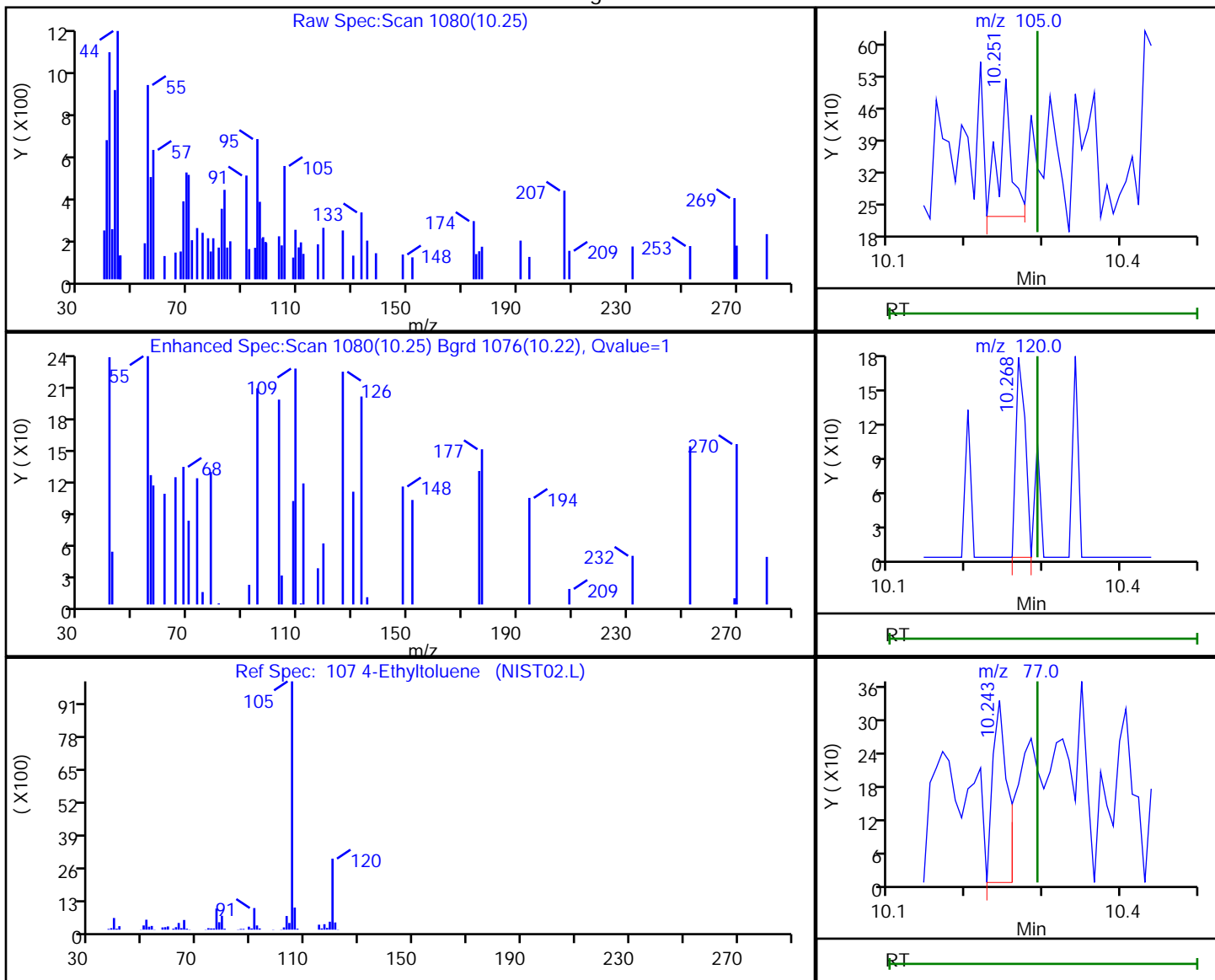
Audit Reason: Invalid Compound ID

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.25	105.00	328	0.023725
10.27	120.00	150	
10.24	77.00	443	

Reviewer: boykink, 30-Sep-2018 23:14:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

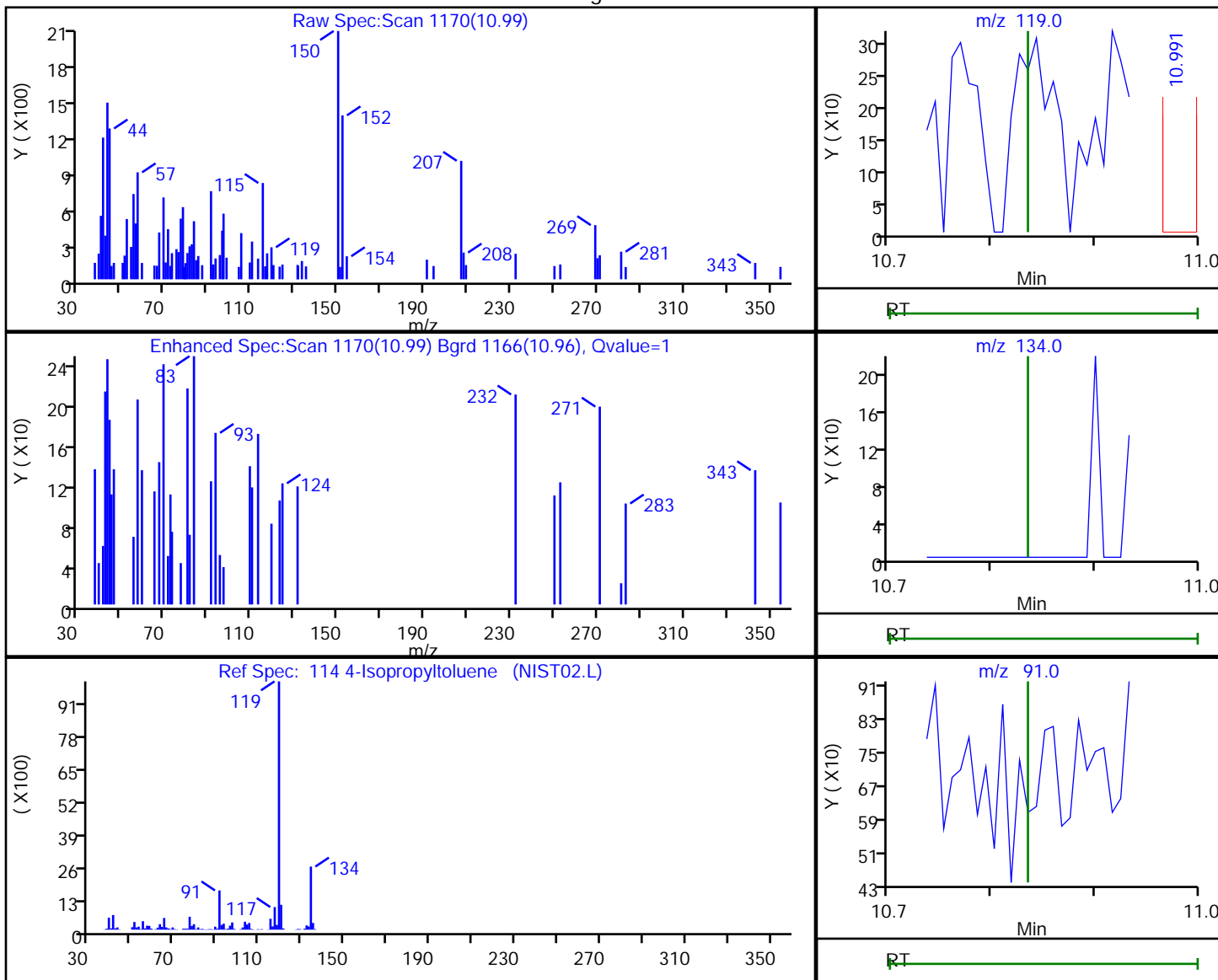


TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.99	119.00	375	0.030936
11.00	134.00	52	
10.99	91.00	451	

Reviewer: boykink, 30-Sep-2018 23:14:14

Audit Action: Marked Compound Undetected

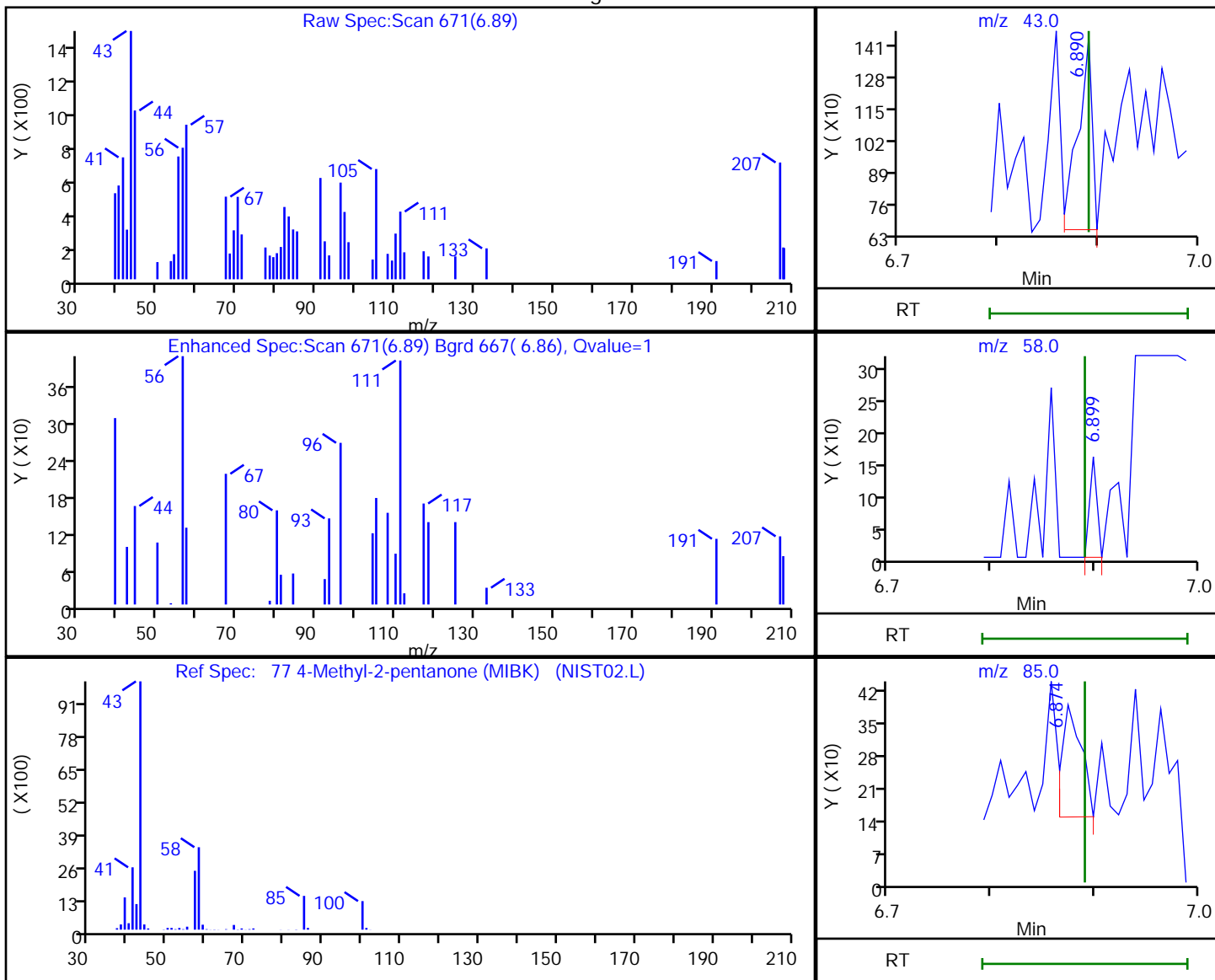
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.89	43.00	797	0.376498
6.90	58.00	79	
6.87	85.00	323	
6.88	100.00	0	

Reviewer: boykink, 30-Sep-2018 23:13:48

Audit Action: Marked Compound Undetected

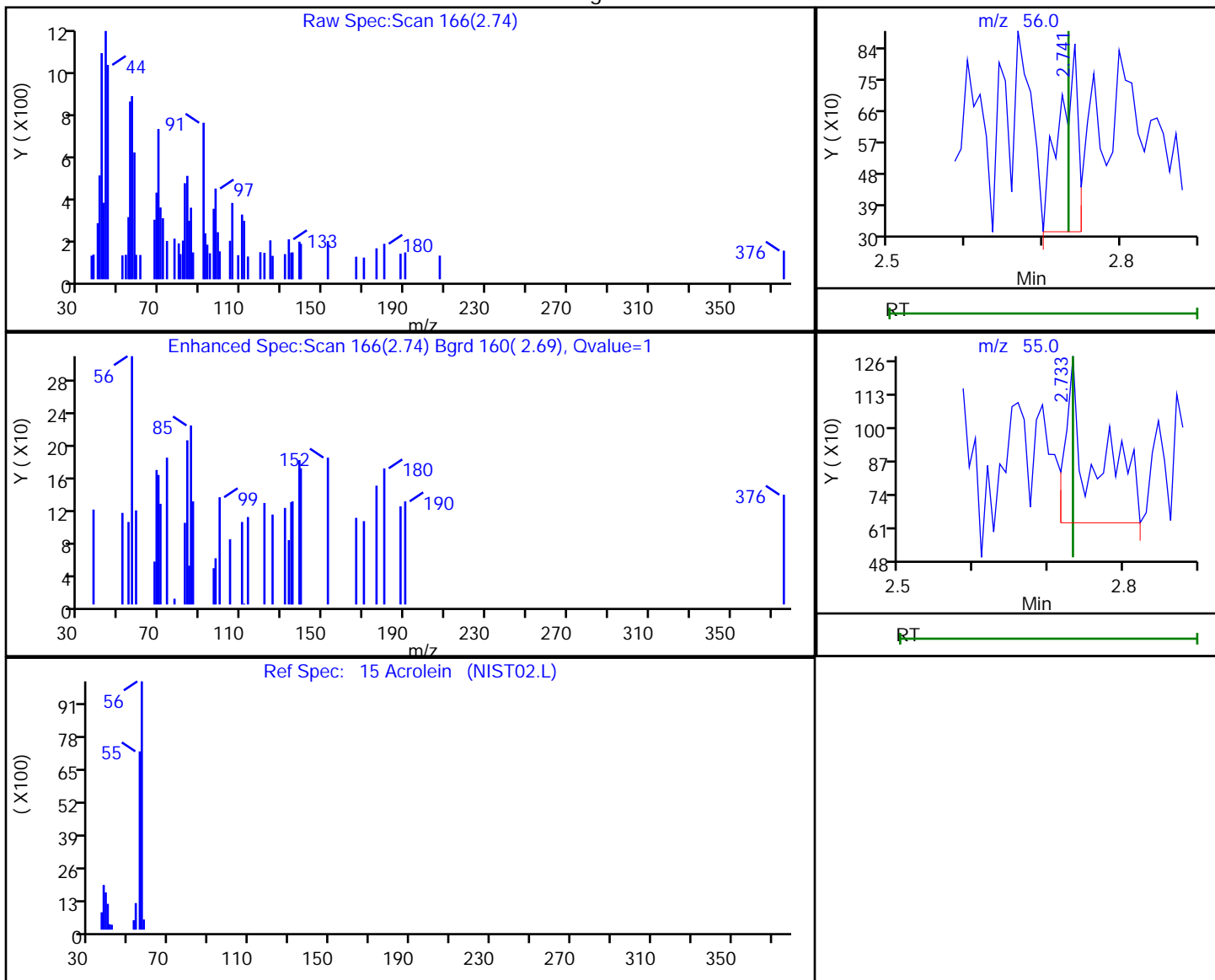
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

15 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.74	56.00	913	1.535173
2.73	55.00	1726	

Reviewer: boykink, 30-Sep-2018 23:13:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

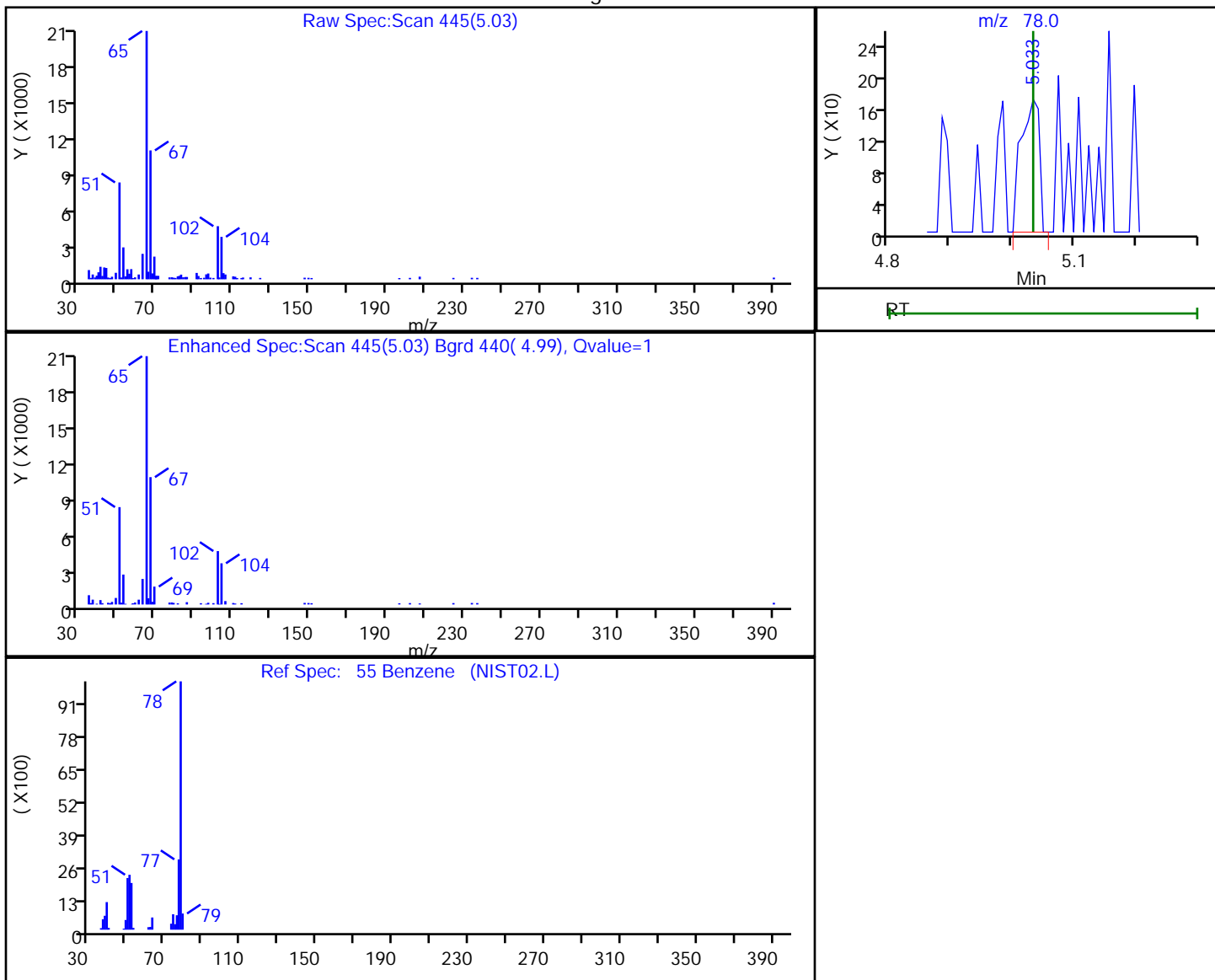
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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260624W6  
Column: Rtx-624 ( 0.25 mm)

ALS Bottle#: 2 Worklist Smp#: 3  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260C Water and Solid  
Detector: MS SCAN

55 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.03	78.00	343	0.024811

Reviewer: boykink, 30-Sep-2018 23:13:39

Audit Action: Marked Compound Undetected

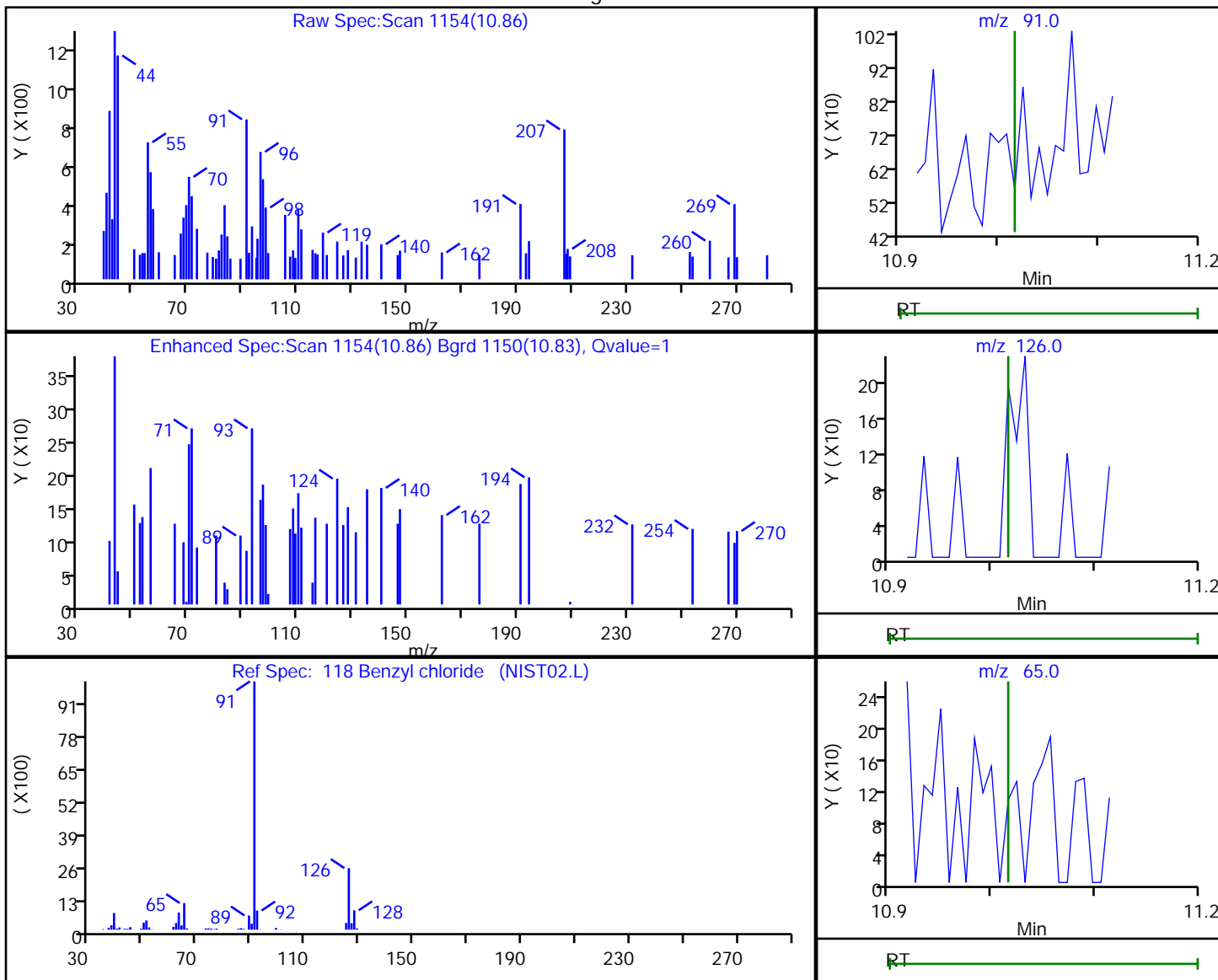
Audit Reason: Invalid Compound ID

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.86	91.00	274	0.043791
10.86	126.00	112	
10.87	65.00	122	

Reviewer: boykink, 30-Sep-2018 23:14:10

Audit Action: Marked Compound Undetected

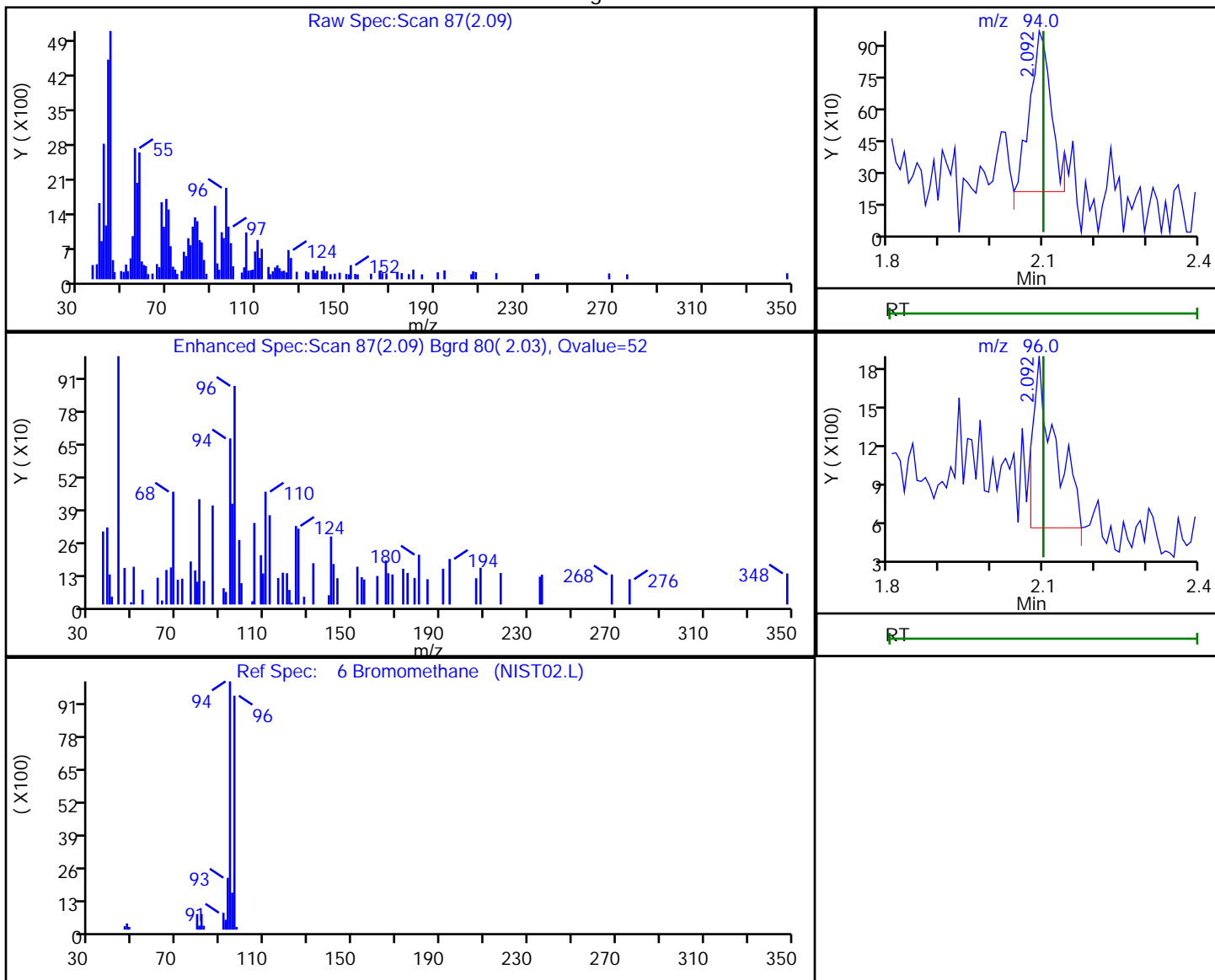
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

6 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.09	94.00	2201	0.819523
2.09	96.00	3932	

Reviewer: boykink, 30-Sep-2018 23:12:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

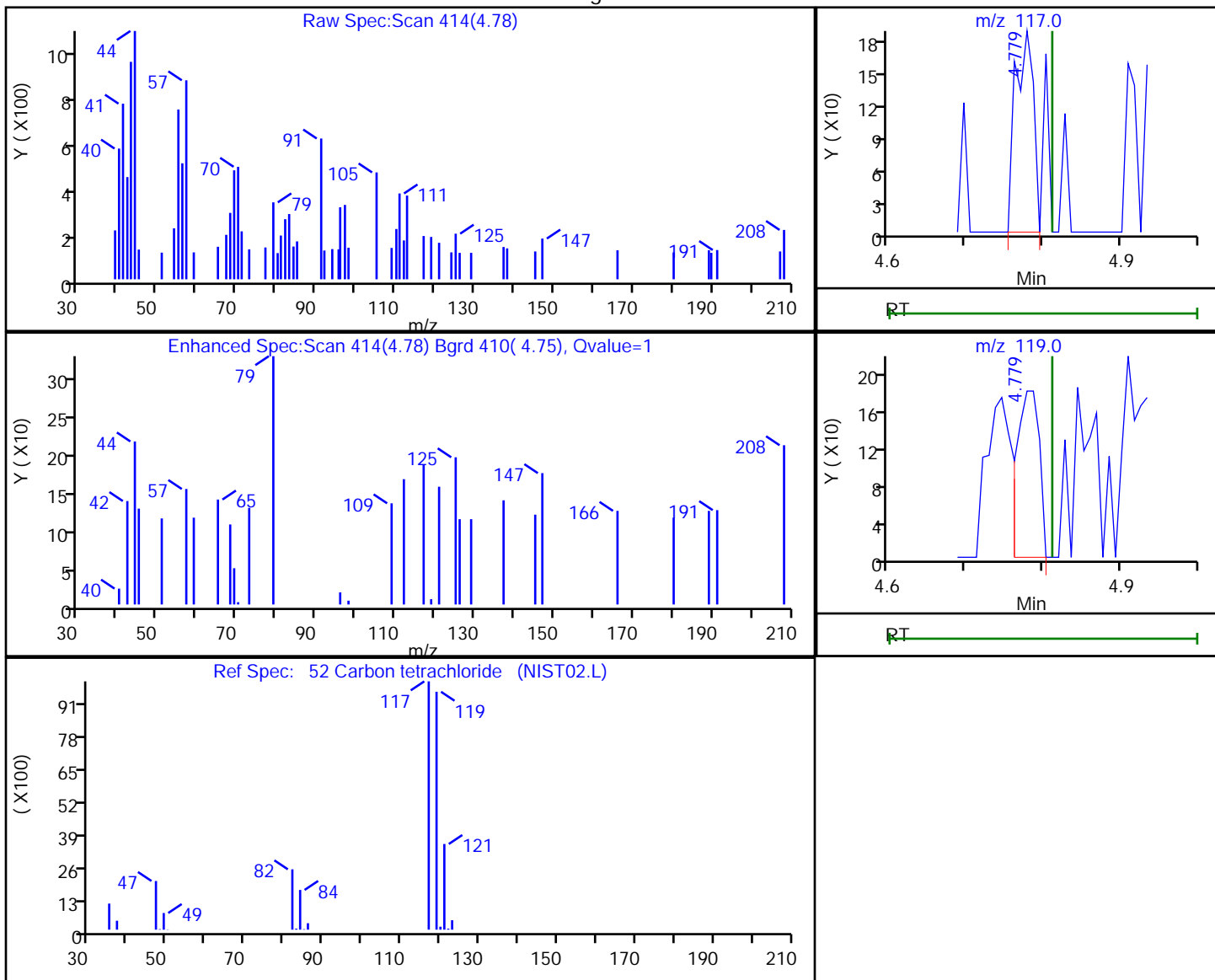
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
4.78	117.00	301	0.067538
4.78	119.00	366	

Reviewer: boykink, 30-Sep-2018 23:13:36

Audit Action: Marked Compound Undetected

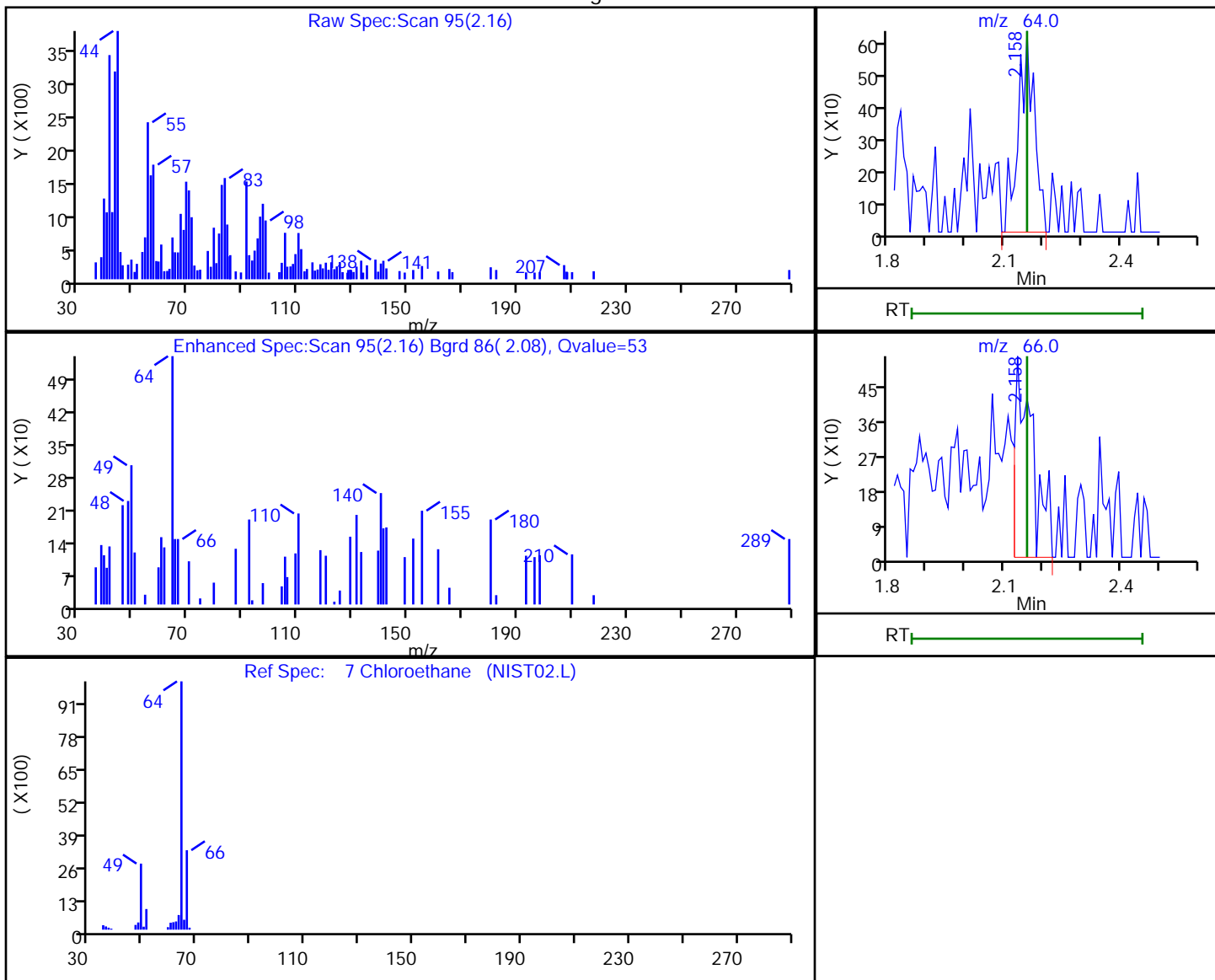
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

7 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.16	64.00	1845	0.597221
2.16	66.00	1656	

Reviewer: boykink, 30-Sep-2018 23:13:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

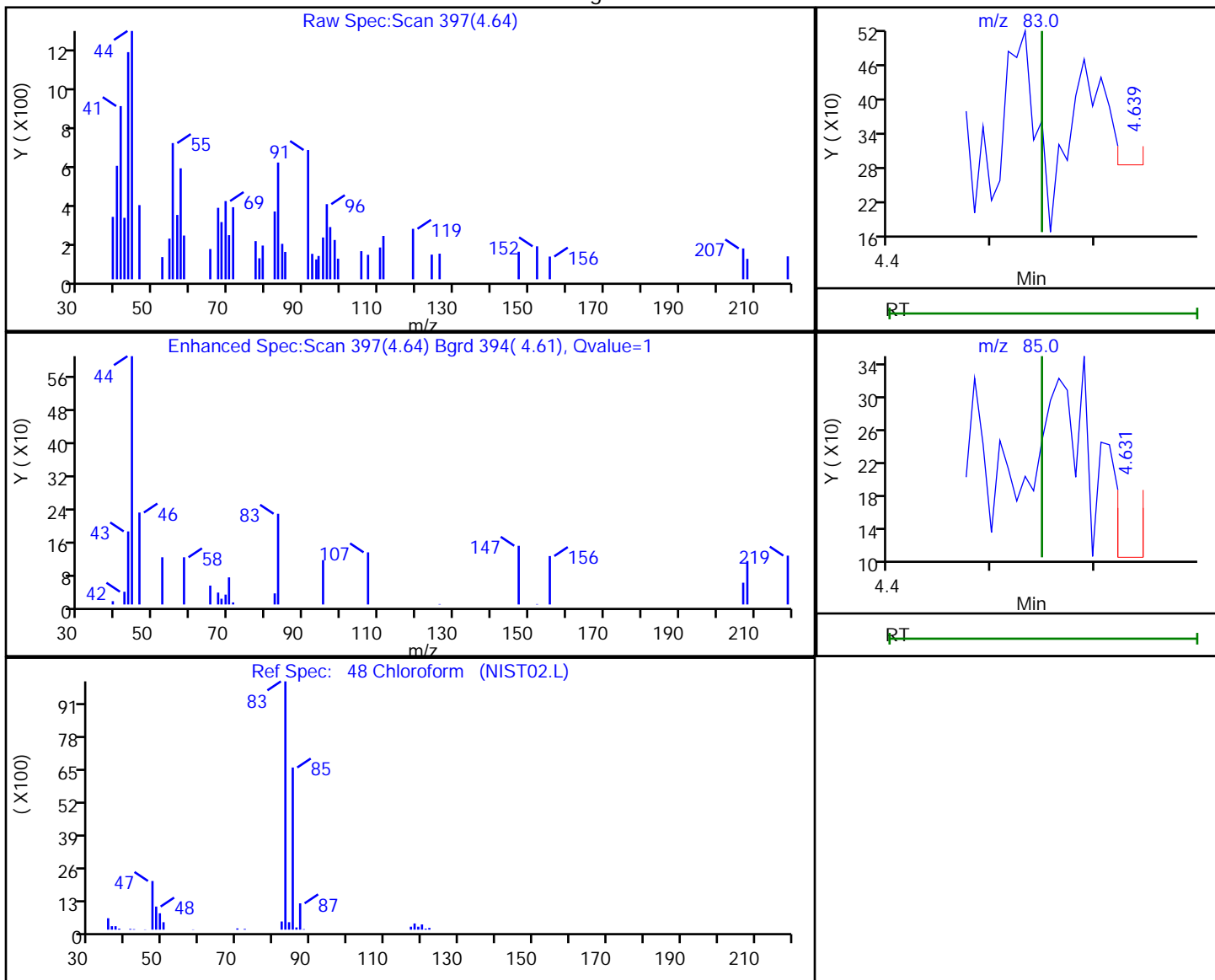
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

48 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.64	83.00	203	0.031654
4.63	85.00	239	

Reviewer: boykink, 30-Sep-2018 23:13:33

Audit Action: Marked Compound Undetected

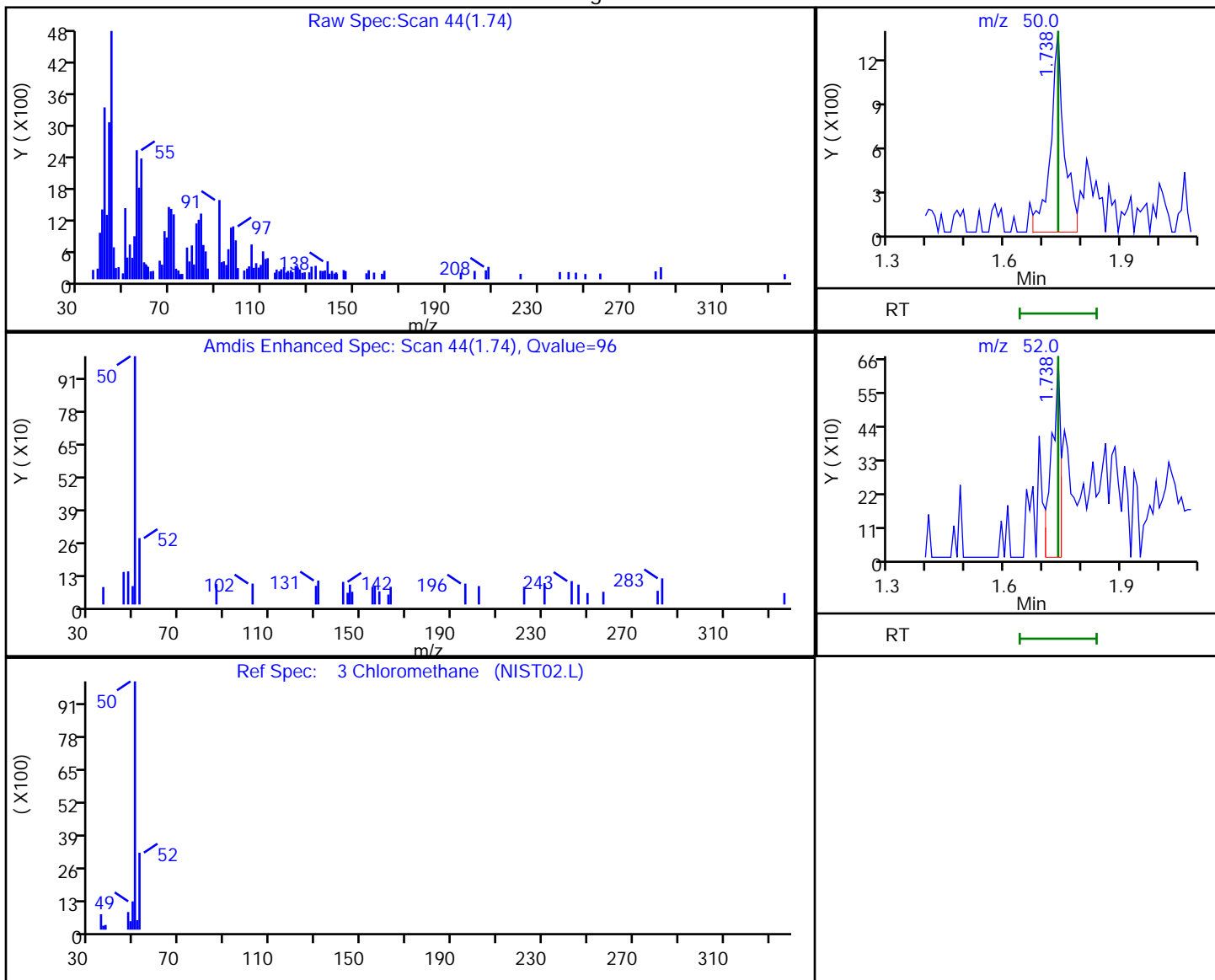
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

3 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.74	50.00	3344	0.441627
1.74	52.00	1061	

Reviewer: boykink, 30-Sep-2018 23:12:40

Audit Action: Marked Compound Undetected

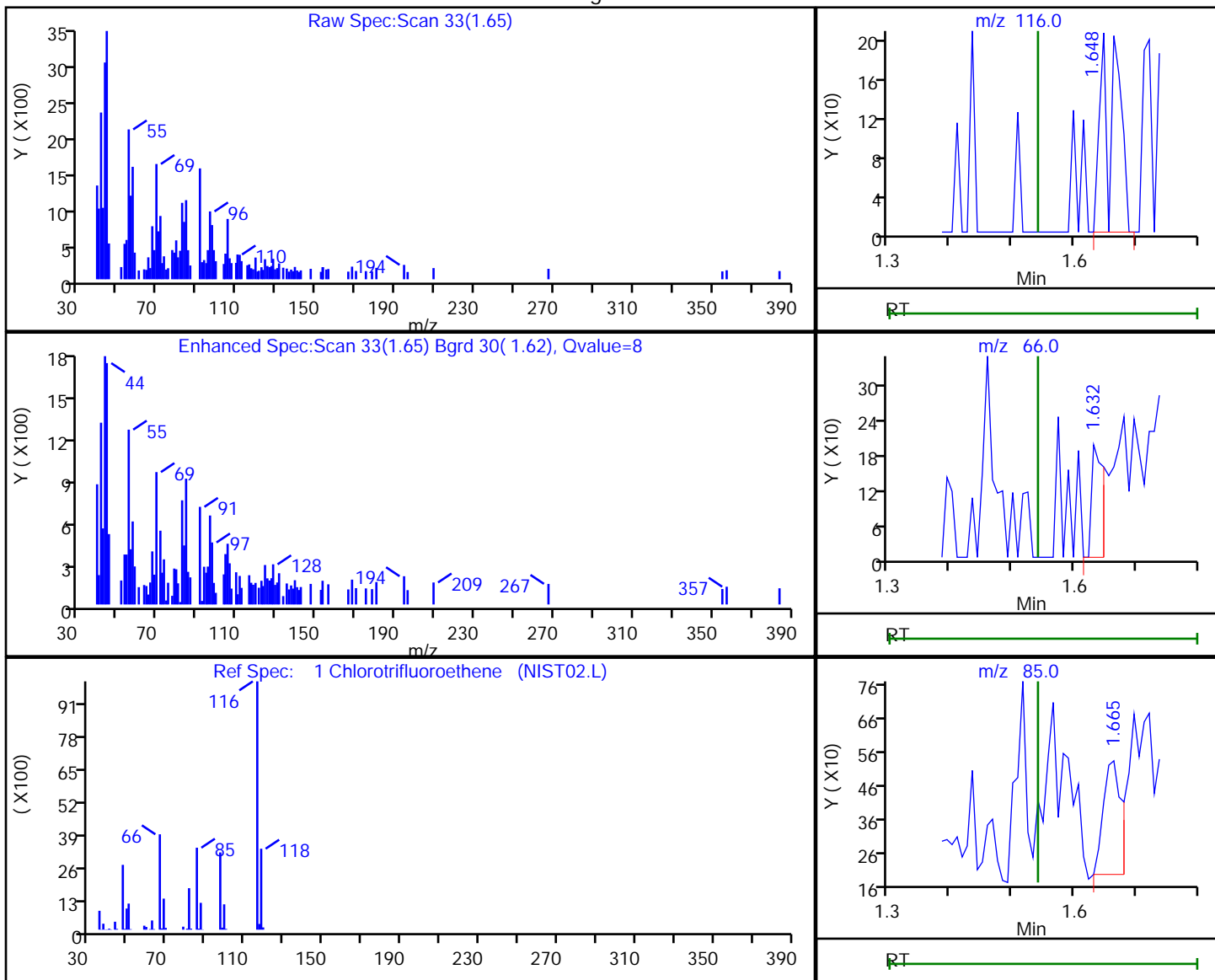
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.65	116.00	385	0.257905
1.63	66.00	252	
1.66	85.00	693	
1.66	118.00	346	

Reviewer: boykink, 30-Sep-2018 23:12:37

Audit Action: Marked Compound Undetected

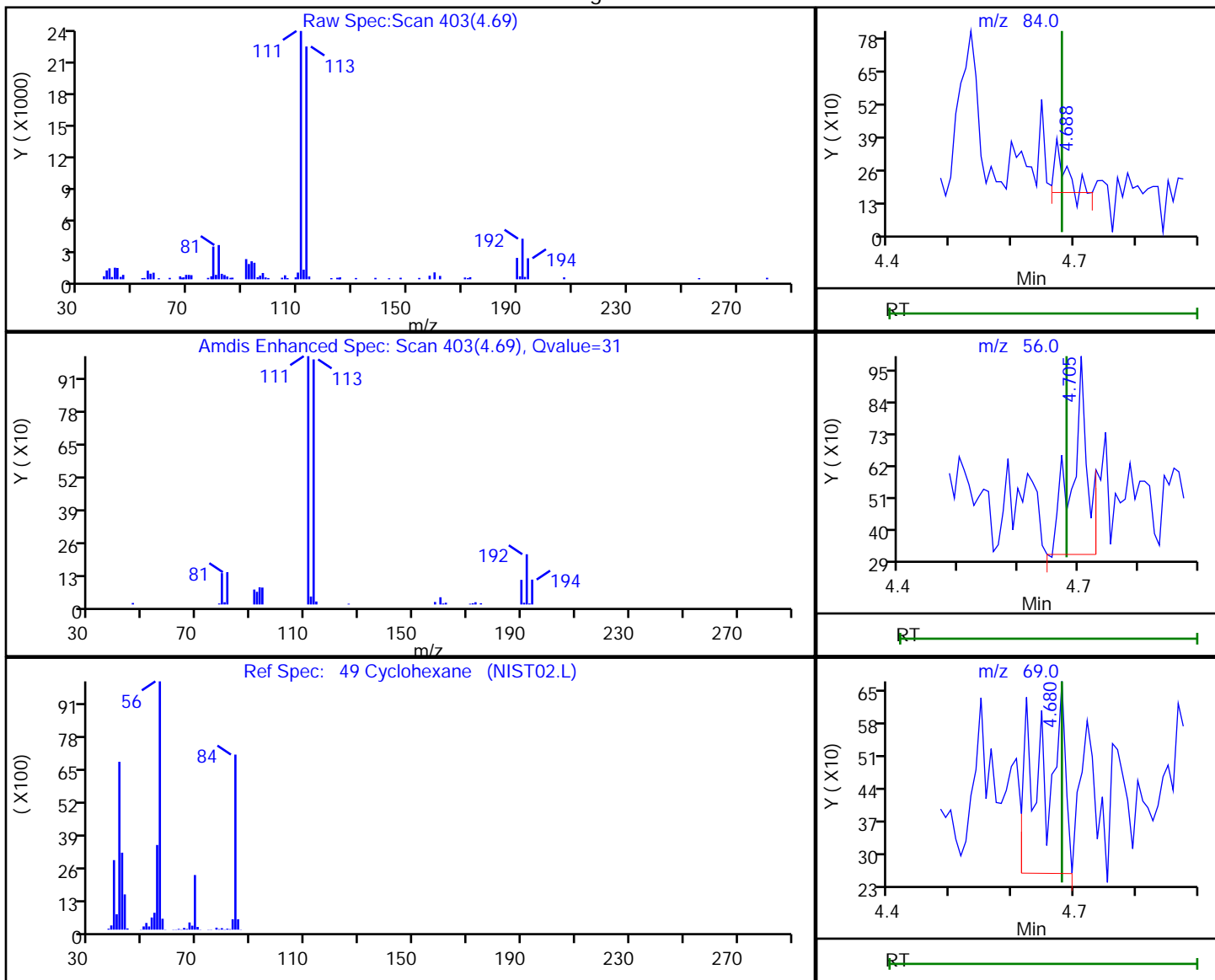
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TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.69	84.00	234	0.043021
4.70	56.00	1268	
4.68	69.00	1090	

Reviewer: boykink, 30-Sep-2018 23:13:34

Audit Action: Marked Compound Undetected

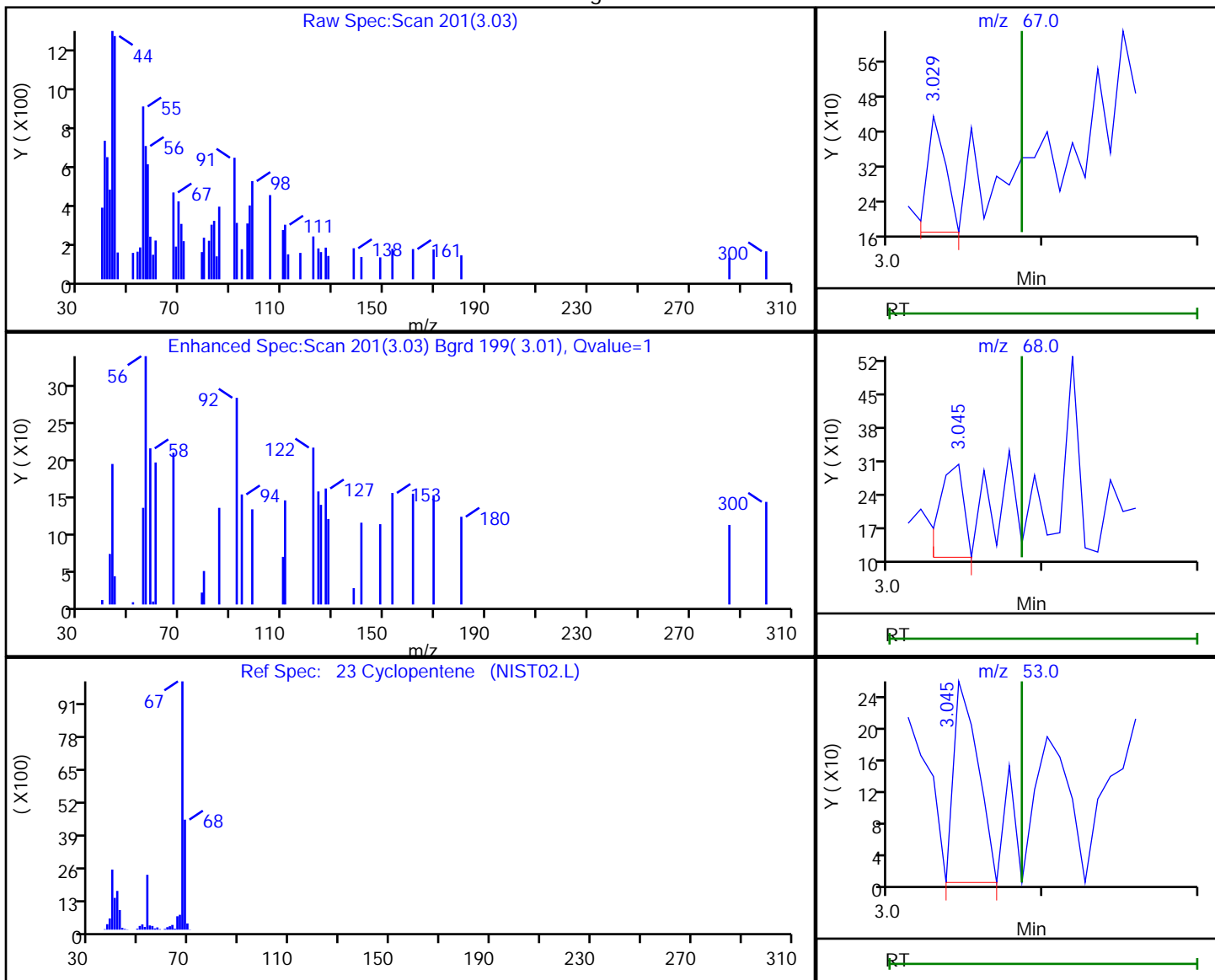
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TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.03	67.00	216	0.021002
3.04	68.00	213	
3.04	53.00	281	

Reviewer: boykink, 30-Sep-2018 23:13:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

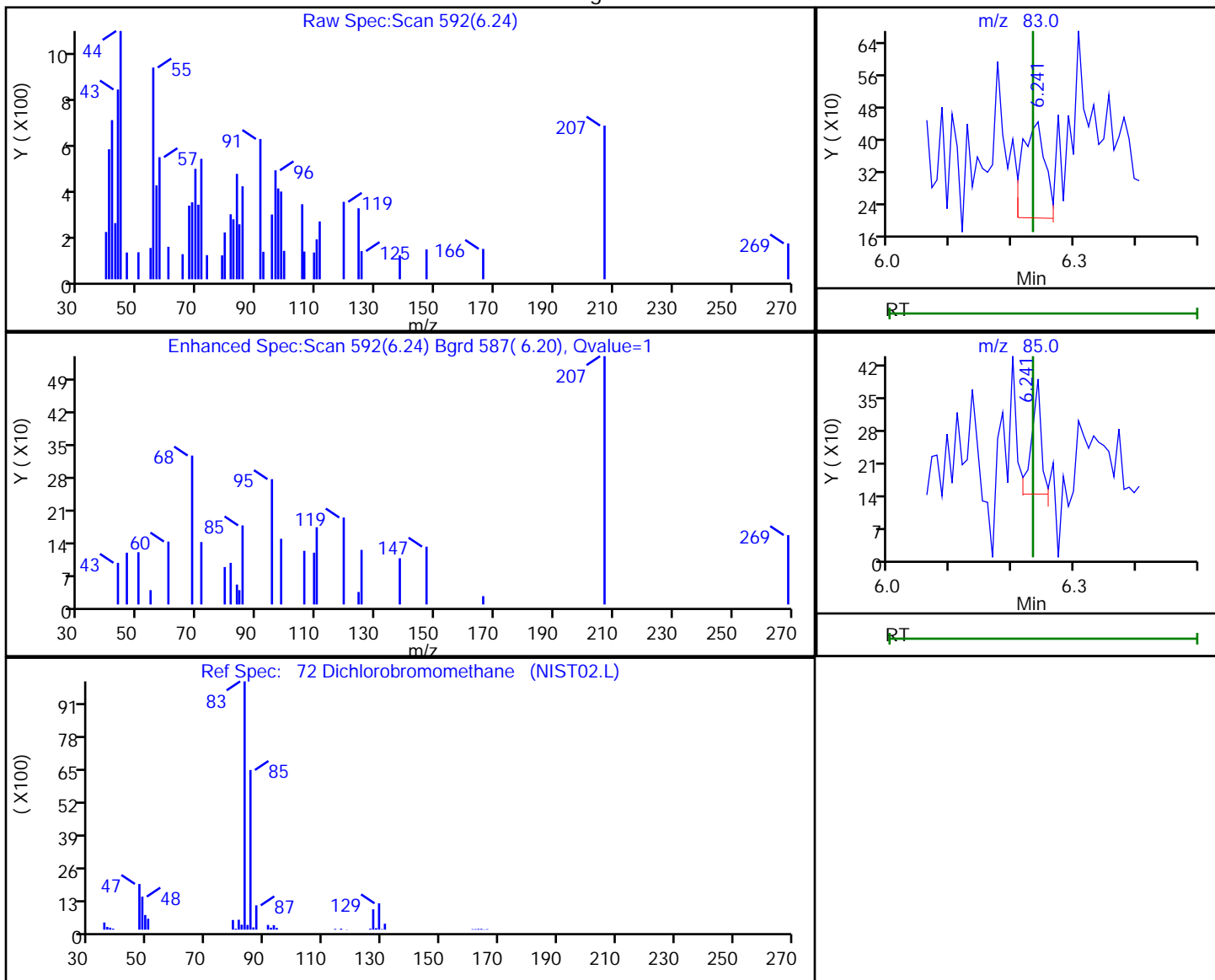
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.24	83.00	604	0.136169
6.24	85.00	271	

Reviewer: boykink, 30-Sep-2018 23:13:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

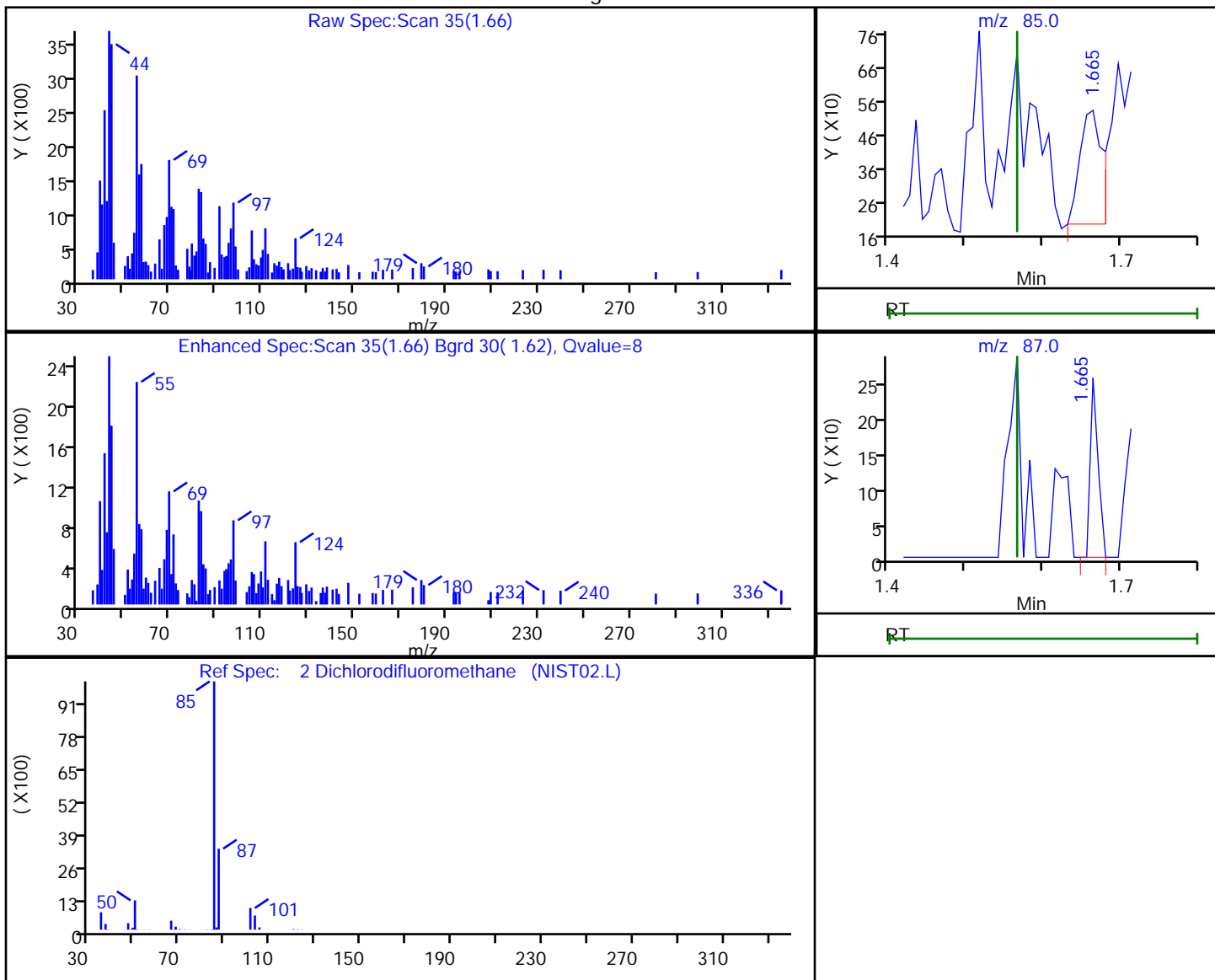
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.66	85.00	693	0.111809
1.66	87.00	178	

Reviewer: boykink, 30-Sep-2018 23:12:39

Audit Action: Marked Compound Undetected

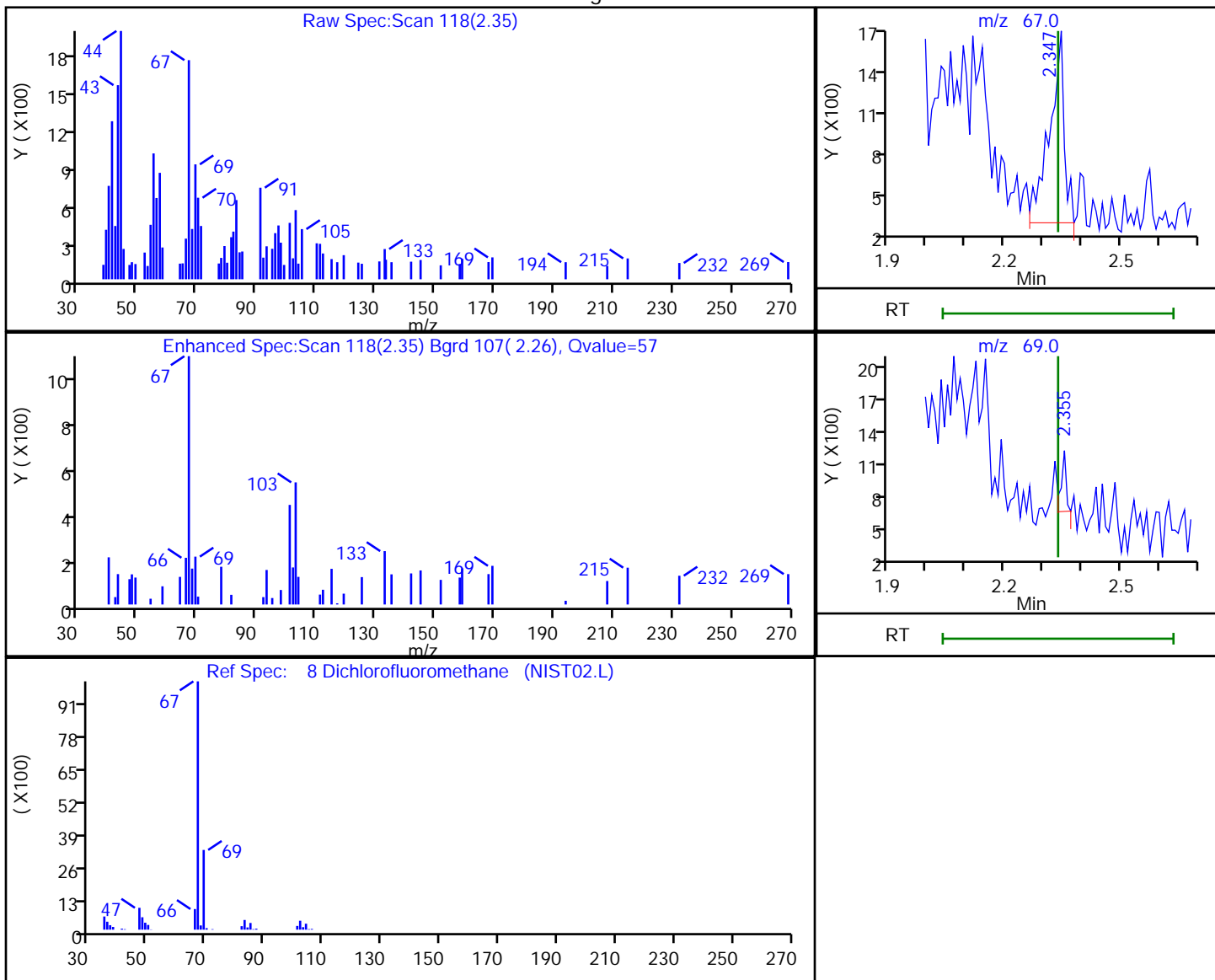
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TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

8 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.35	67.00	3610	0.423854
2.35	69.00	462	

Reviewer: boykink, 30-Sep-2018 23:13:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

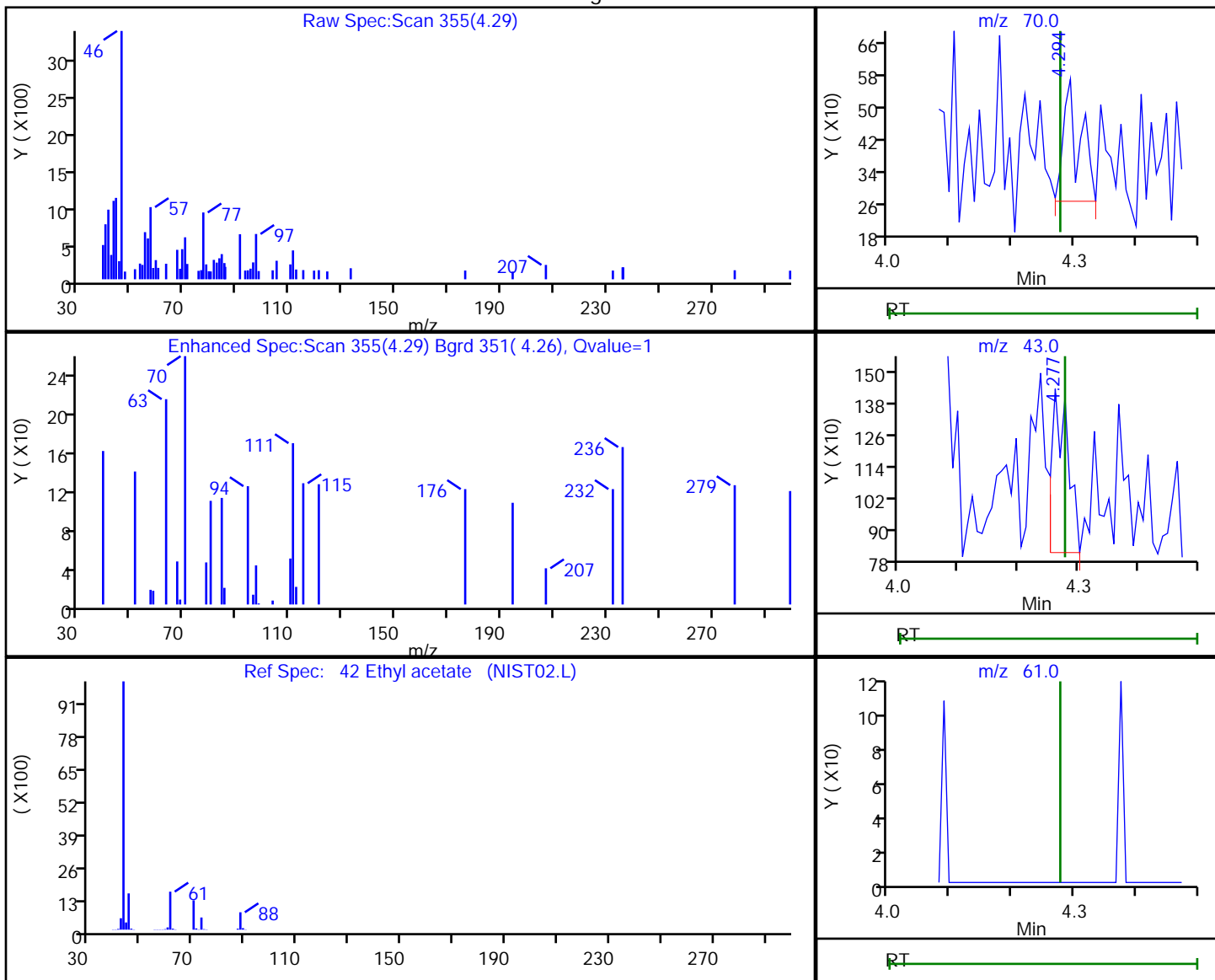


TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

42 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.29	70.00	573	2.992855
4.28	43.00	1175	
4.27	61.00	0	

Reviewer: boykink, 30-Sep-2018 23:13:27

Audit Action: Marked Compound Undetected

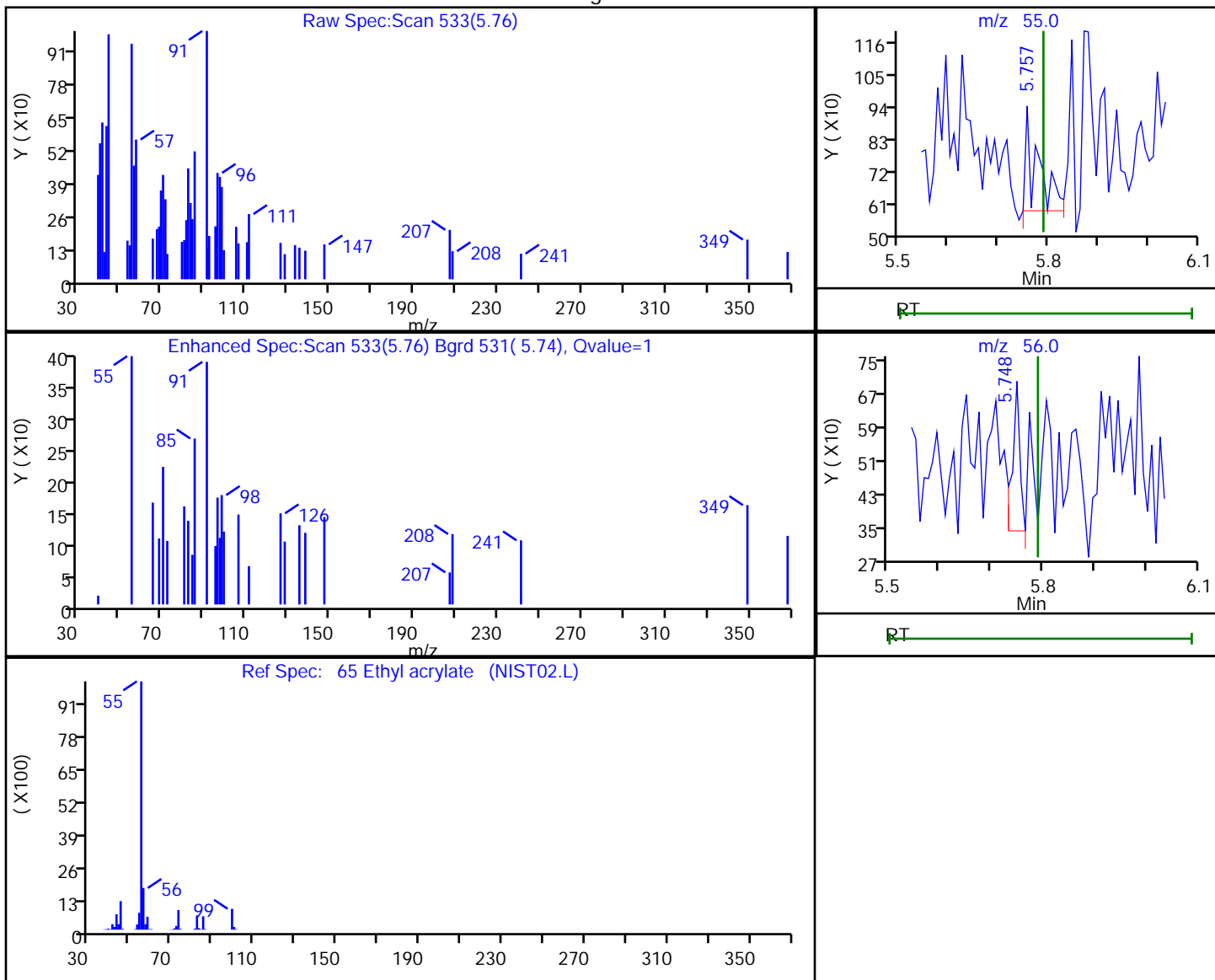
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

65 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.76	55.00	604	0.067225
5.75	56.00	354	

Reviewer: boykink, 30-Sep-2018 23:13:44

Audit Action: Marked Compound Undetected

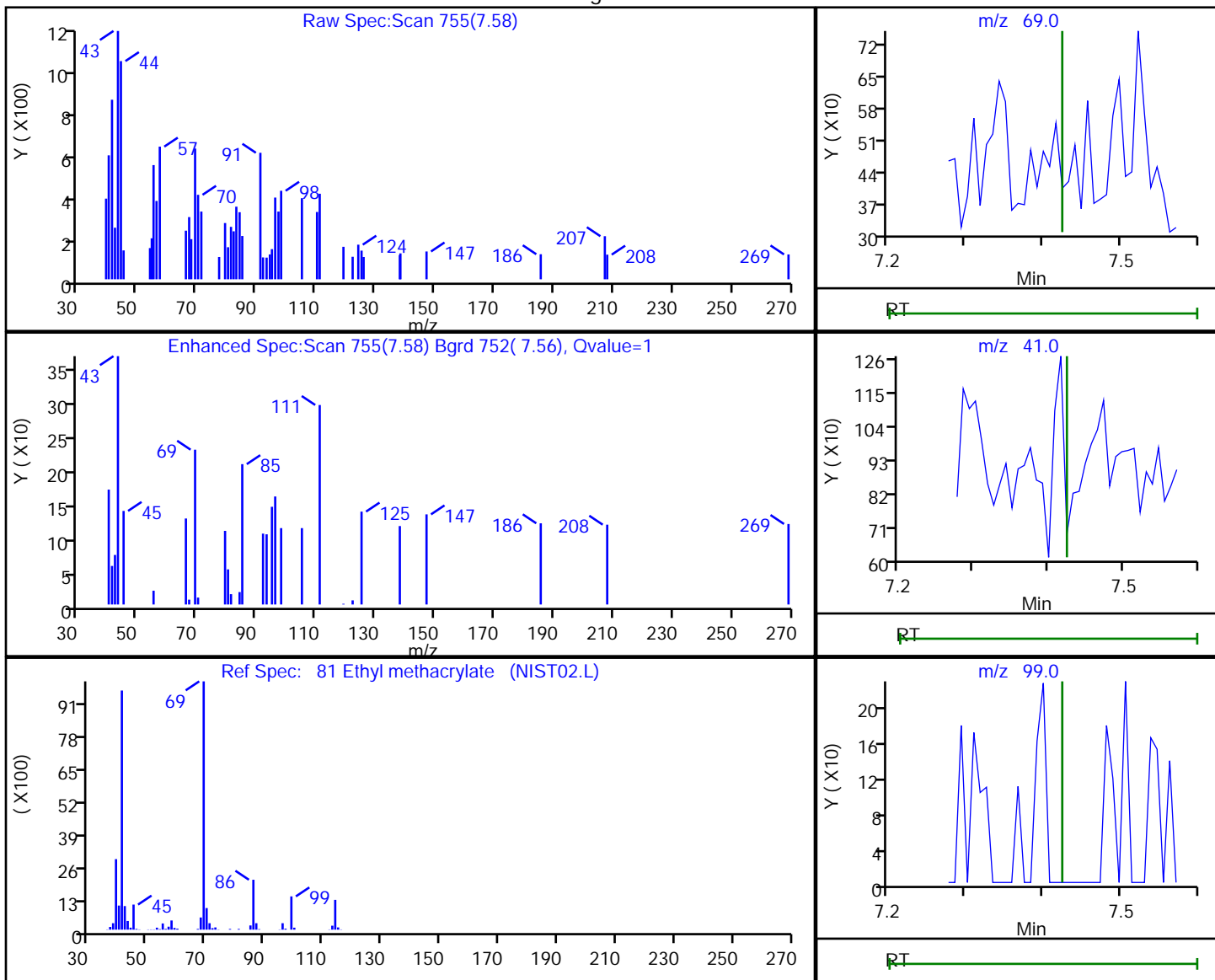
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.58	69.00	553	0.168208
7.60	41.00	251	
7.60	99.00	104	

Reviewer: boykink, 30-Sep-2018 23:13:52

Audit Action: Marked Compound Undetected

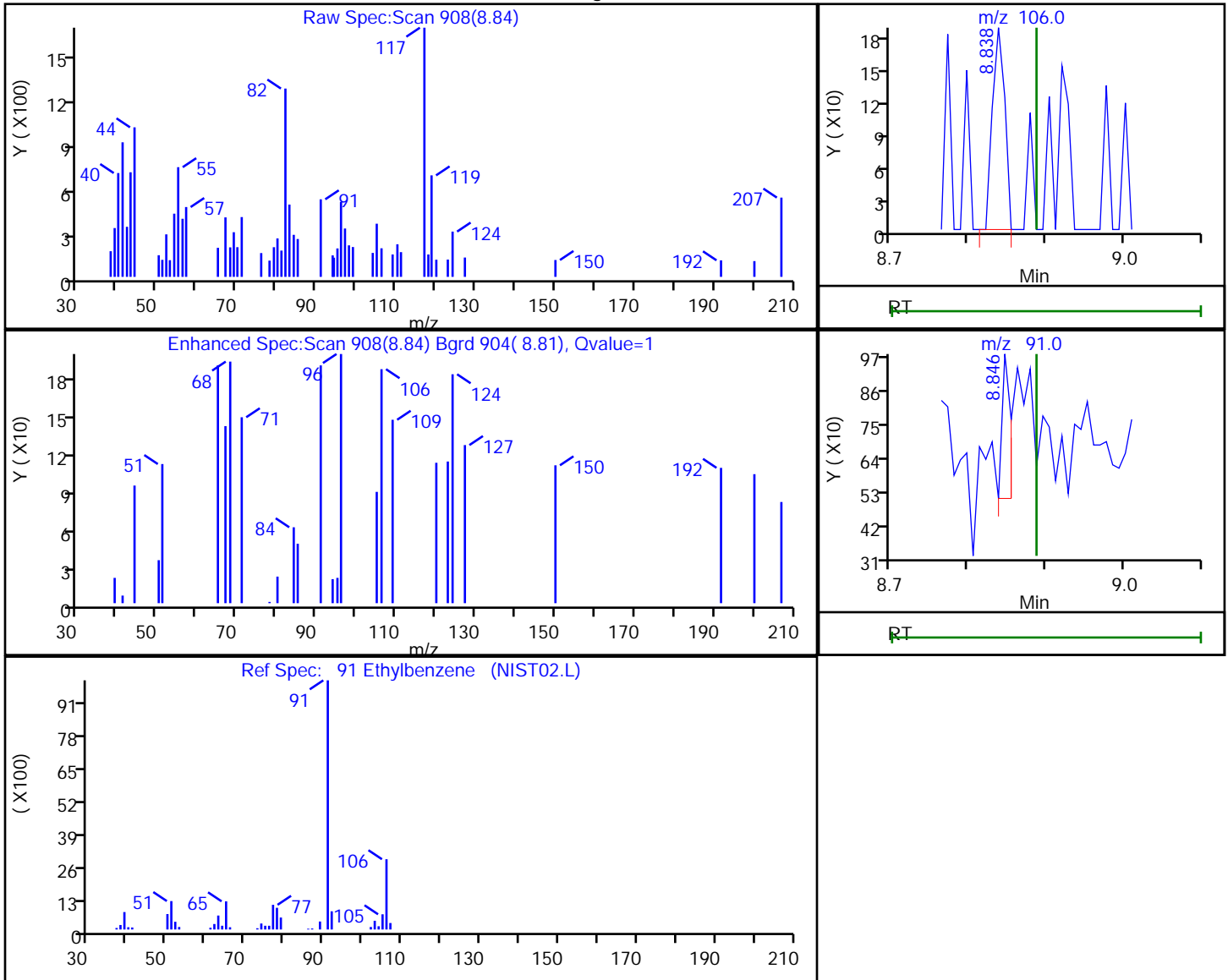
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.84	106.00	206	0.052416
8.85	91.00	360	

Reviewer: boykink, 30-Sep-2018 23:13:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

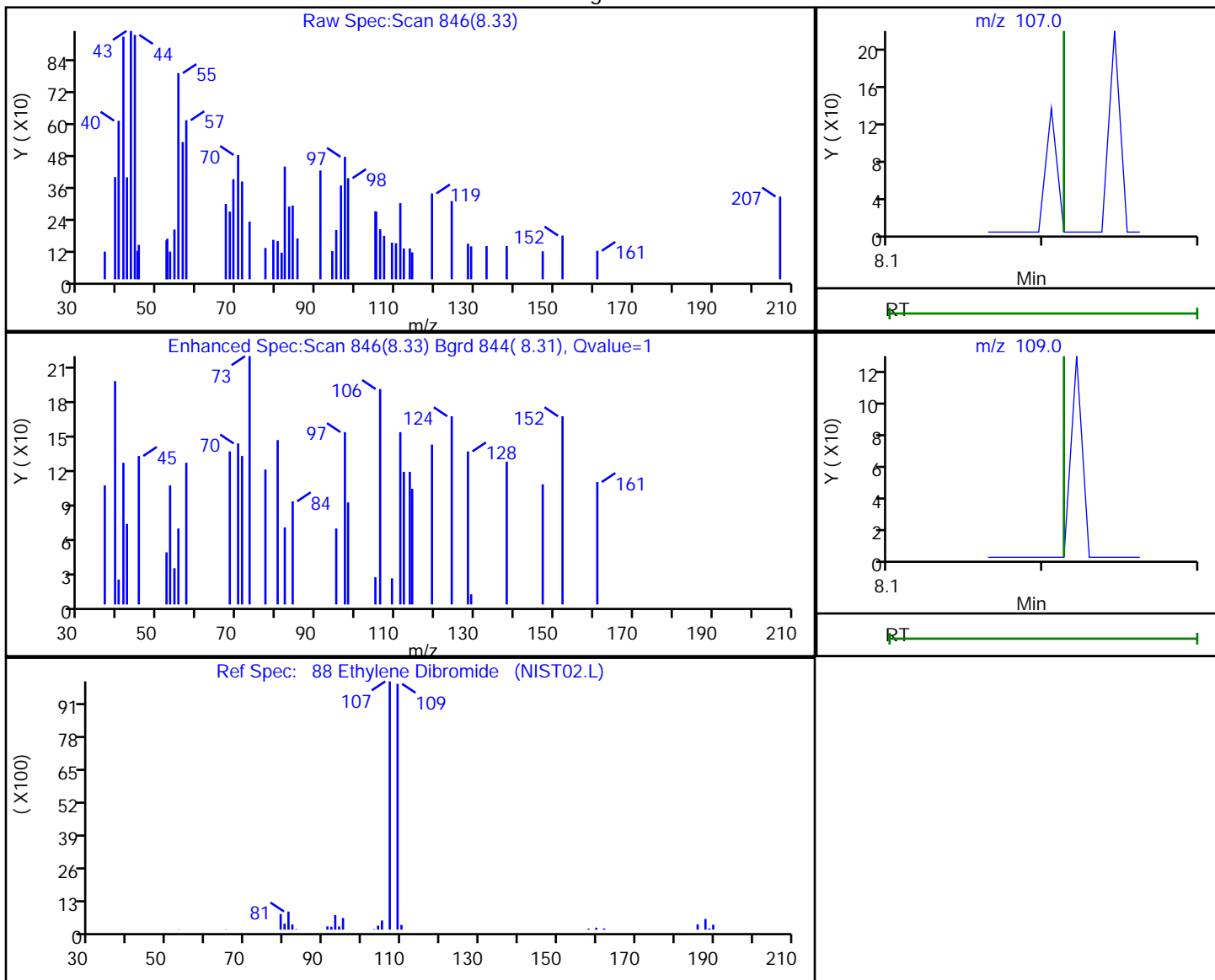
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
8.33	107.00	81	0.041778
8.33	109.00	69	

Reviewer: boykink, 30-Sep-2018 23:13:54

Audit Action: Marked Compound Undetected

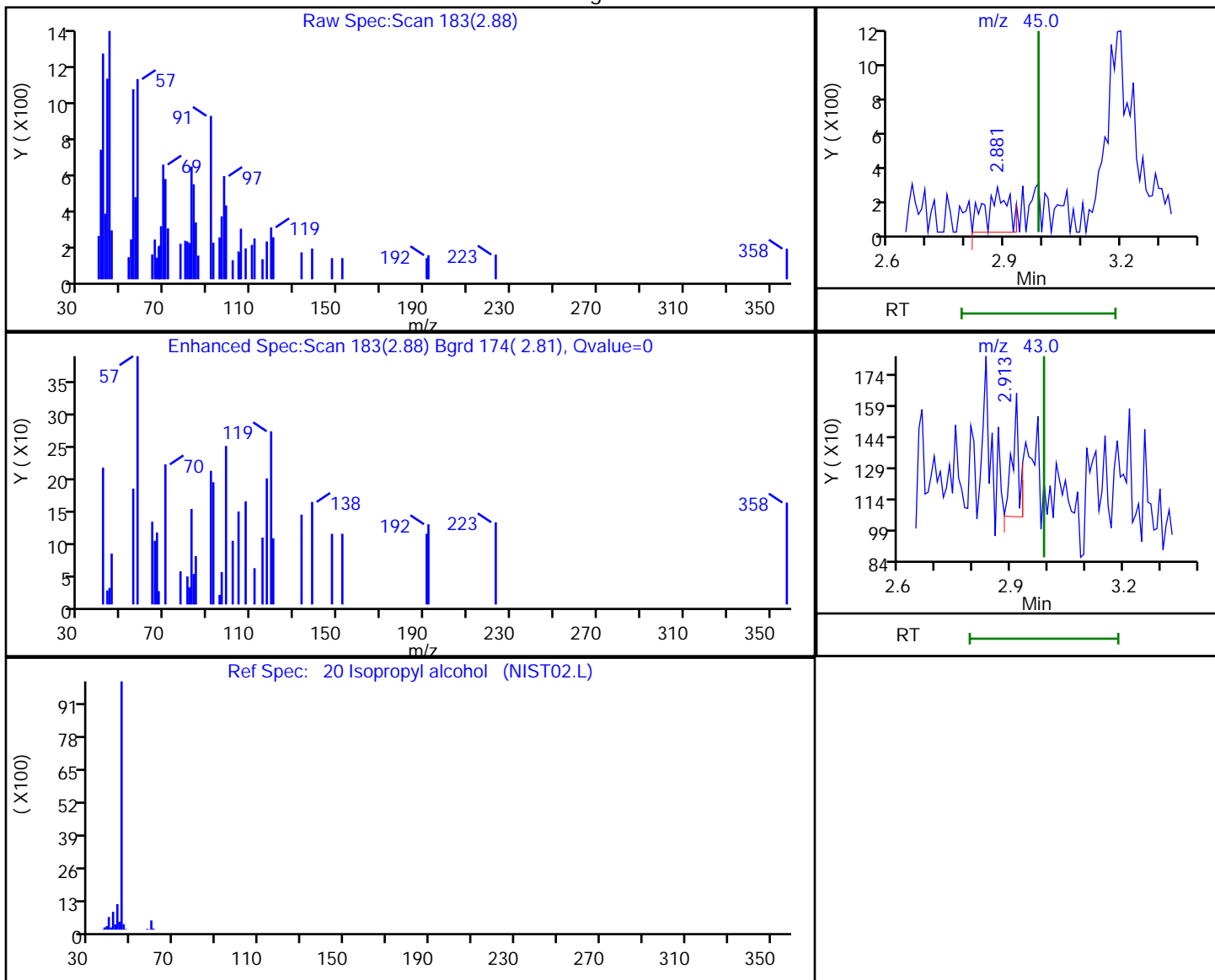
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.88	45.00	1022	4.871838
2.91	43.00	761	

Reviewer: boykink, 30-Sep-2018 23:13:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

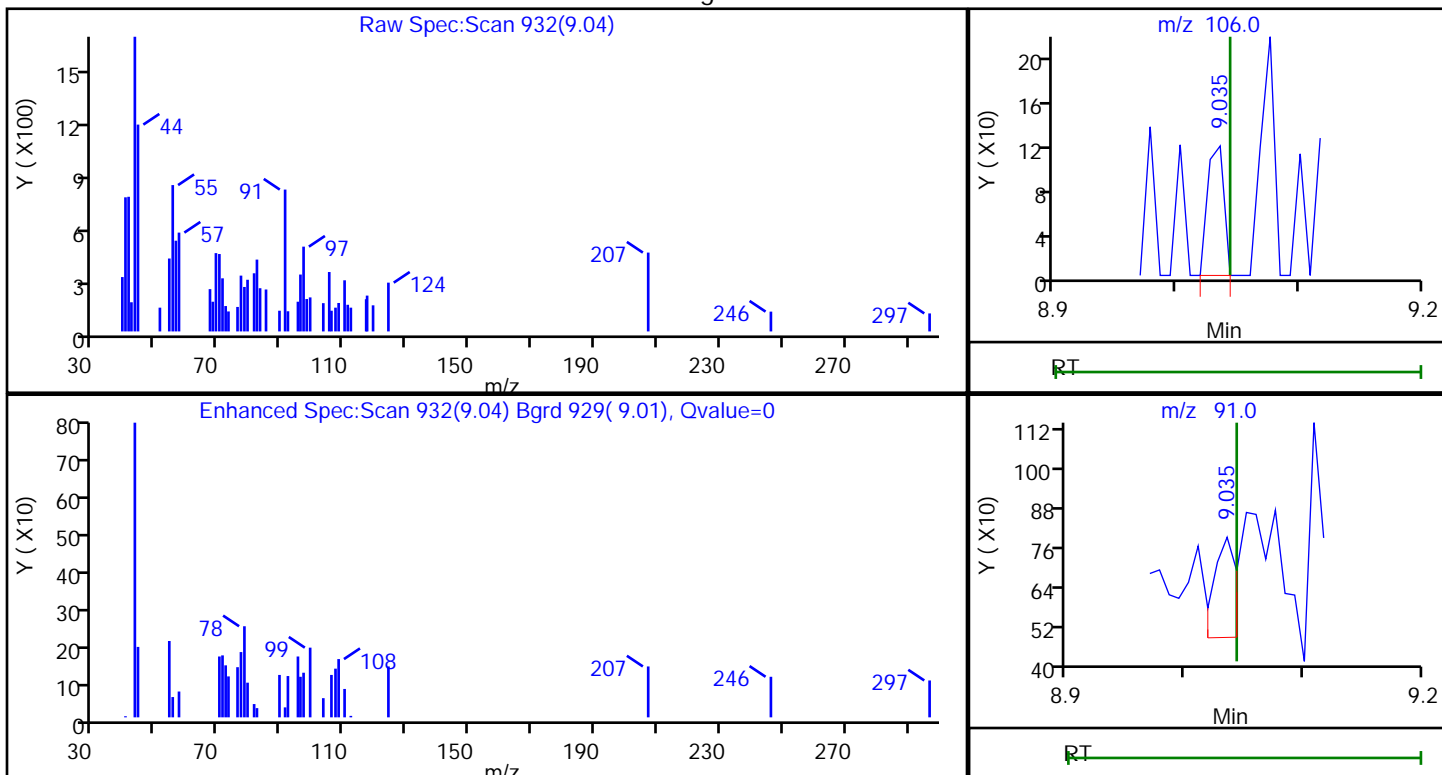
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

93 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.04	106.00	107	0.022016
9.04	91.00	410	

Reviewer: boykink, 30-Sep-2018 23:13:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

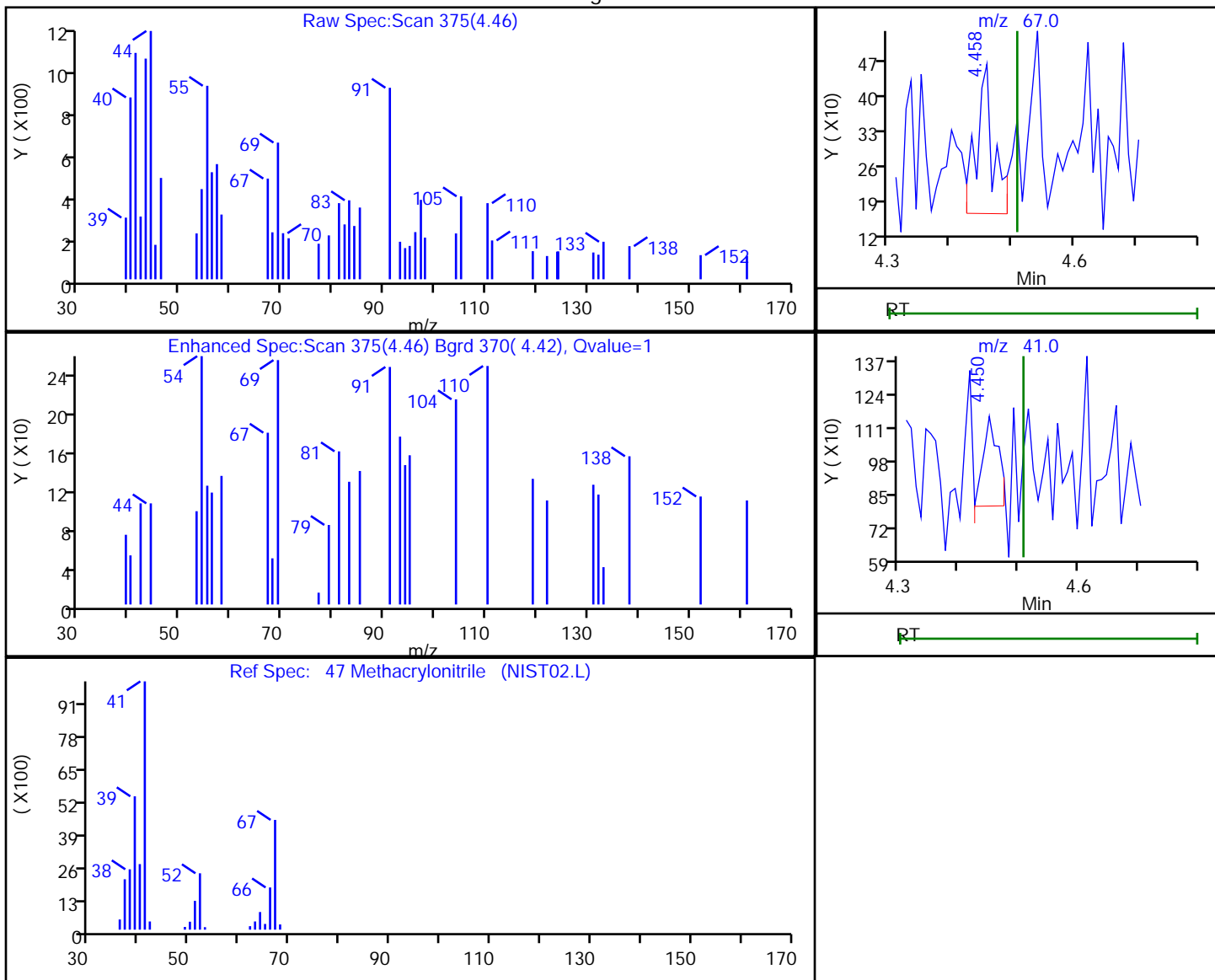
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.46	67.00	562	0.444600
4.45	41.00	626	

Reviewer: boykink, 30-Sep-2018 23:13:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

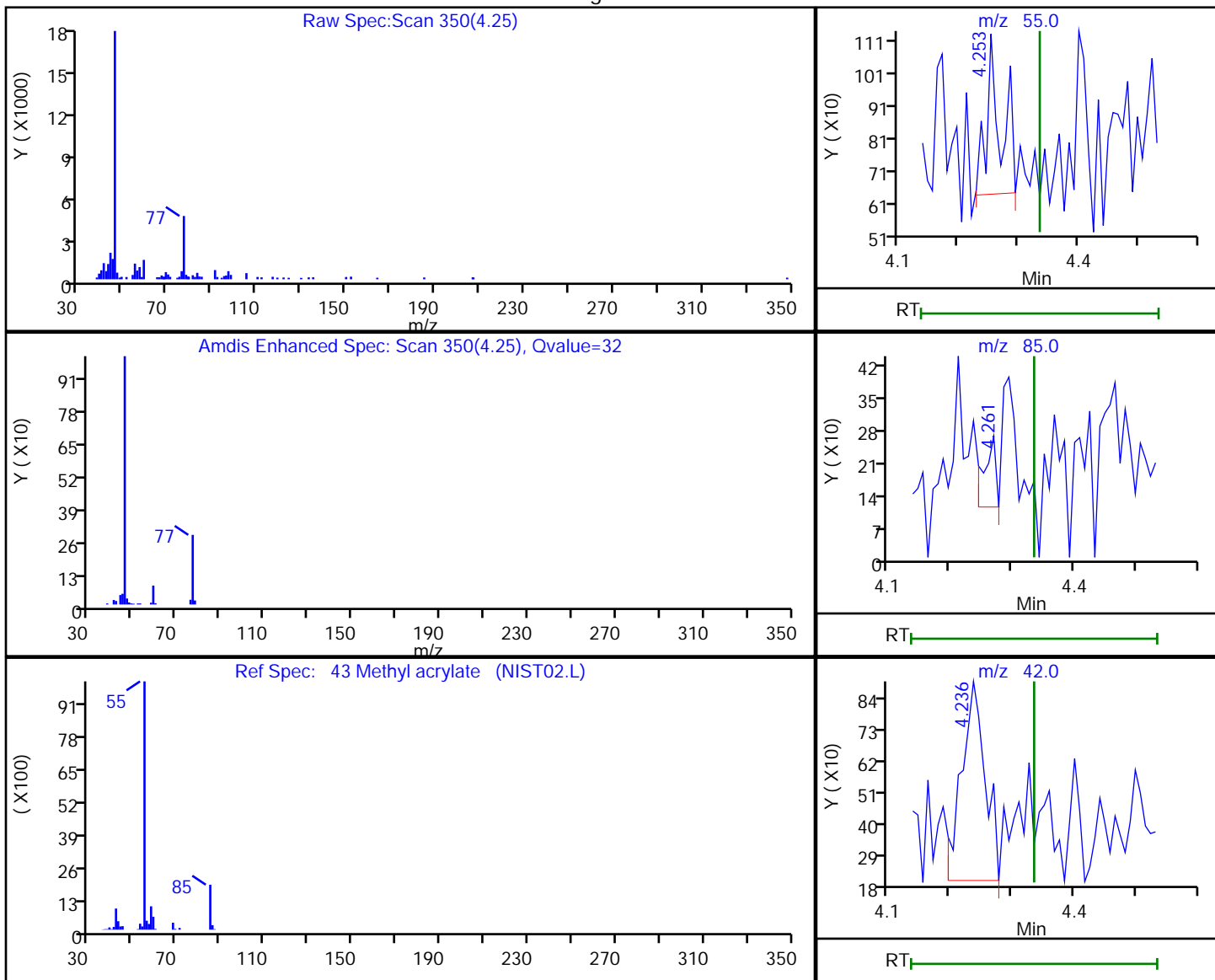


TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.25	55.00	815	0.306698
4.26	85.00	201	
4.24	42.00	1892	

Reviewer: boykink, 30-Sep-2018 23:13:26

Audit Action: Marked Compound Undetected

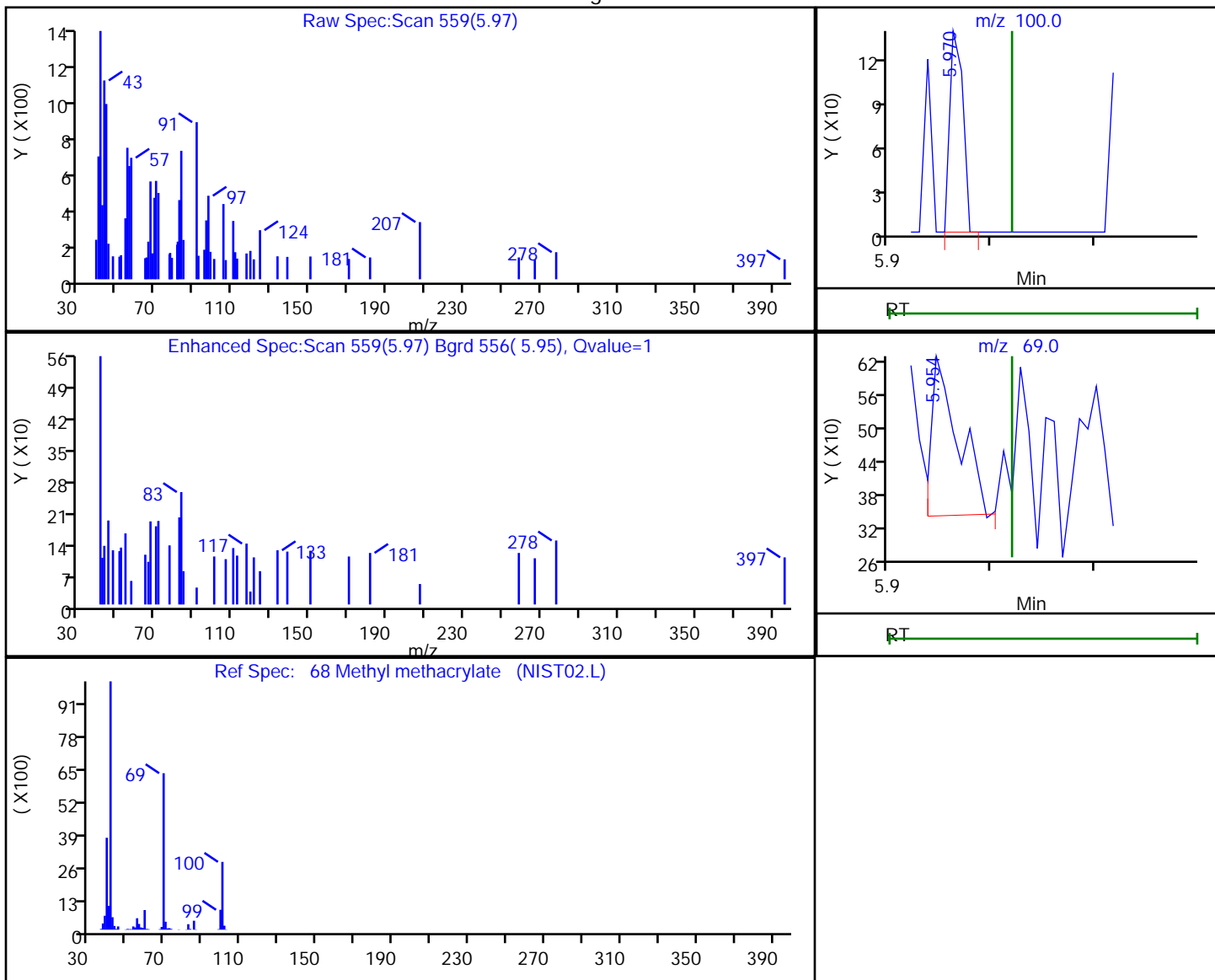
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

68 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.97	100.00	120	0.201318
5.95	69.00	525	

Reviewer: boykink, 30-Sep-2018 23:13:45

Audit Action: Marked Compound Undetected

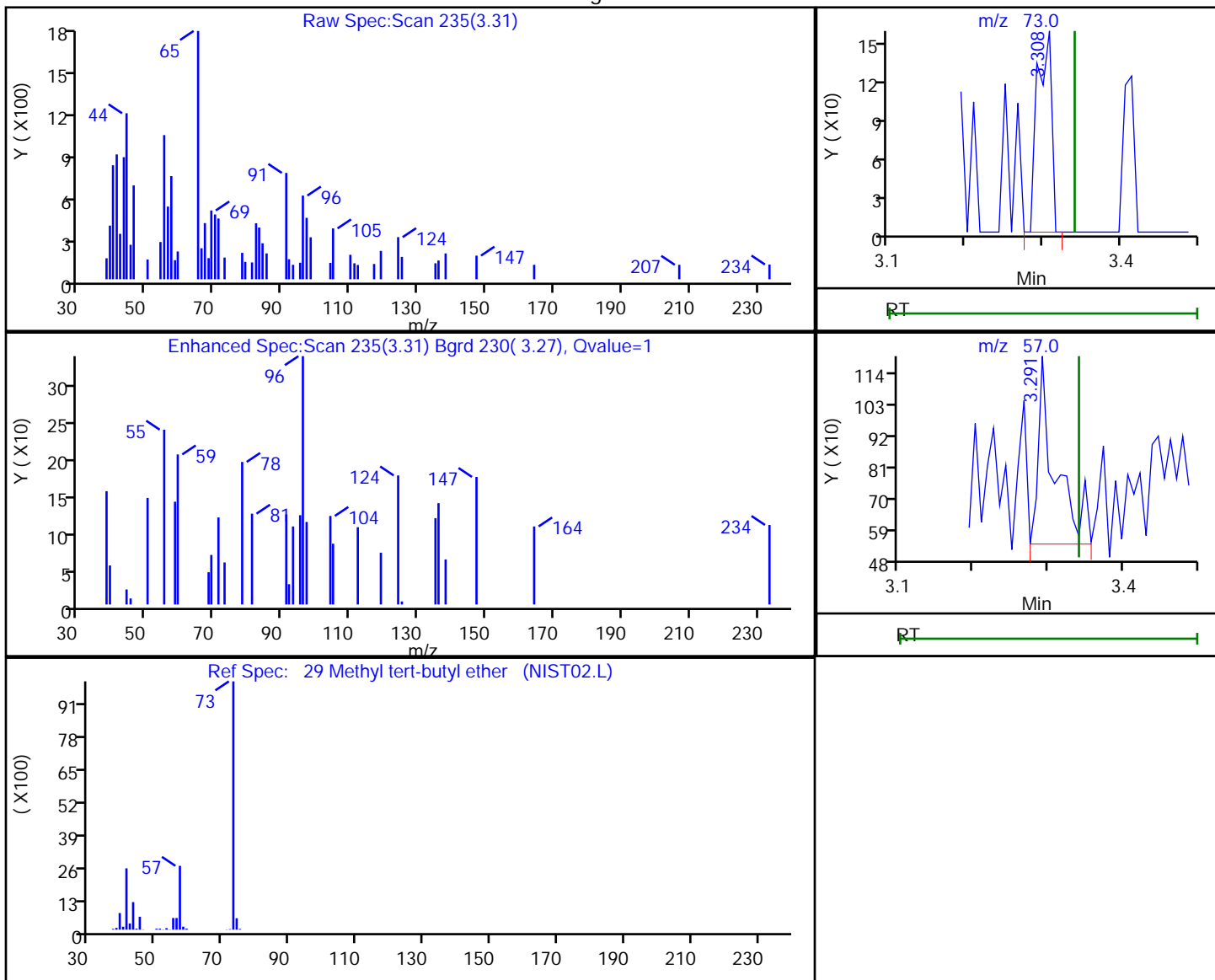
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

29 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.31	73.00	198	0.022091
3.29	57.00	1056	

Reviewer: boykink, 30-Sep-2018 23:13:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

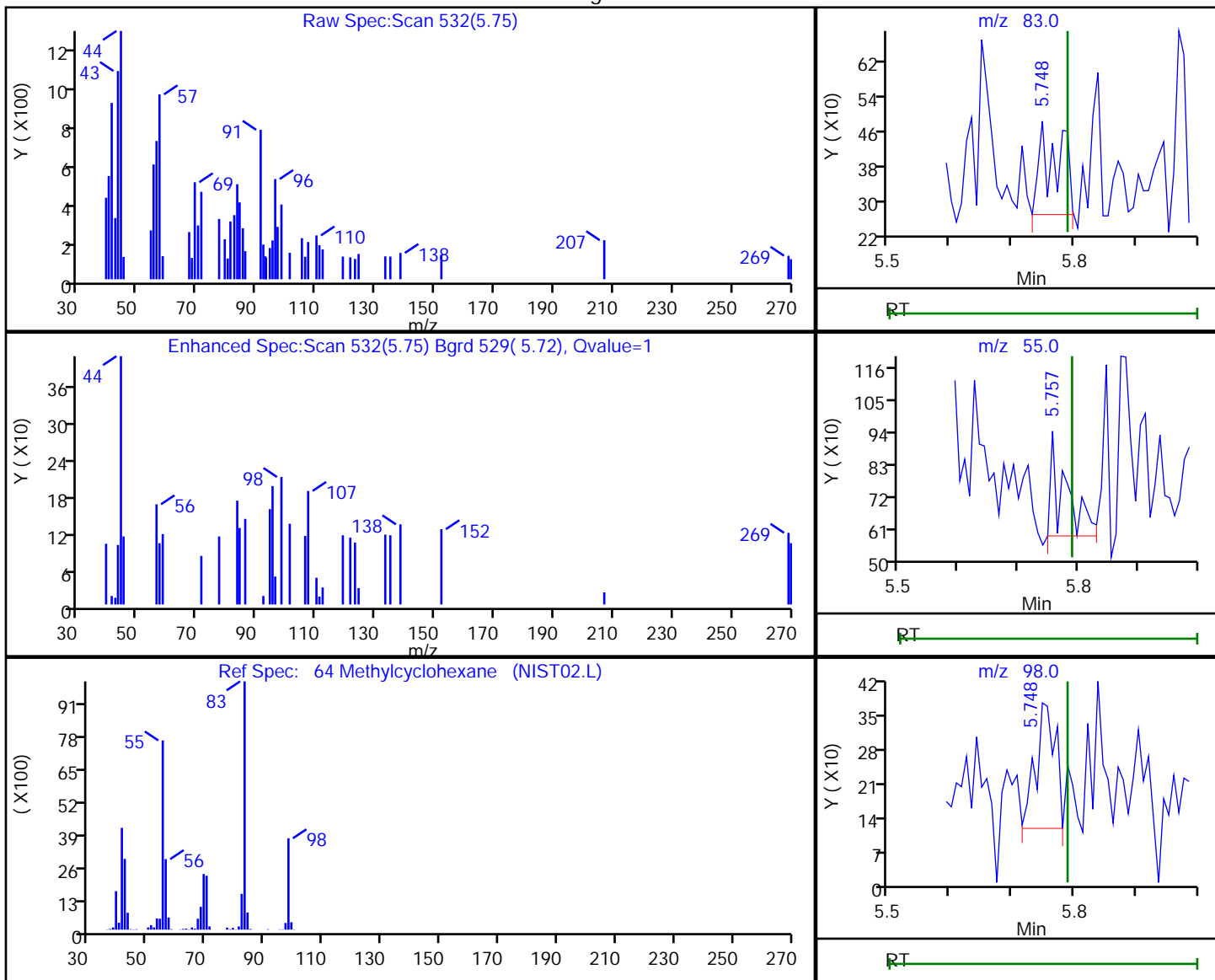
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.75	83.00	469	0.076356
5.76	55.00	604	
5.75	98.00	577	

Reviewer: boykink, 30-Sep-2018 23:13:41

Audit Action: Marked Compound Undetected

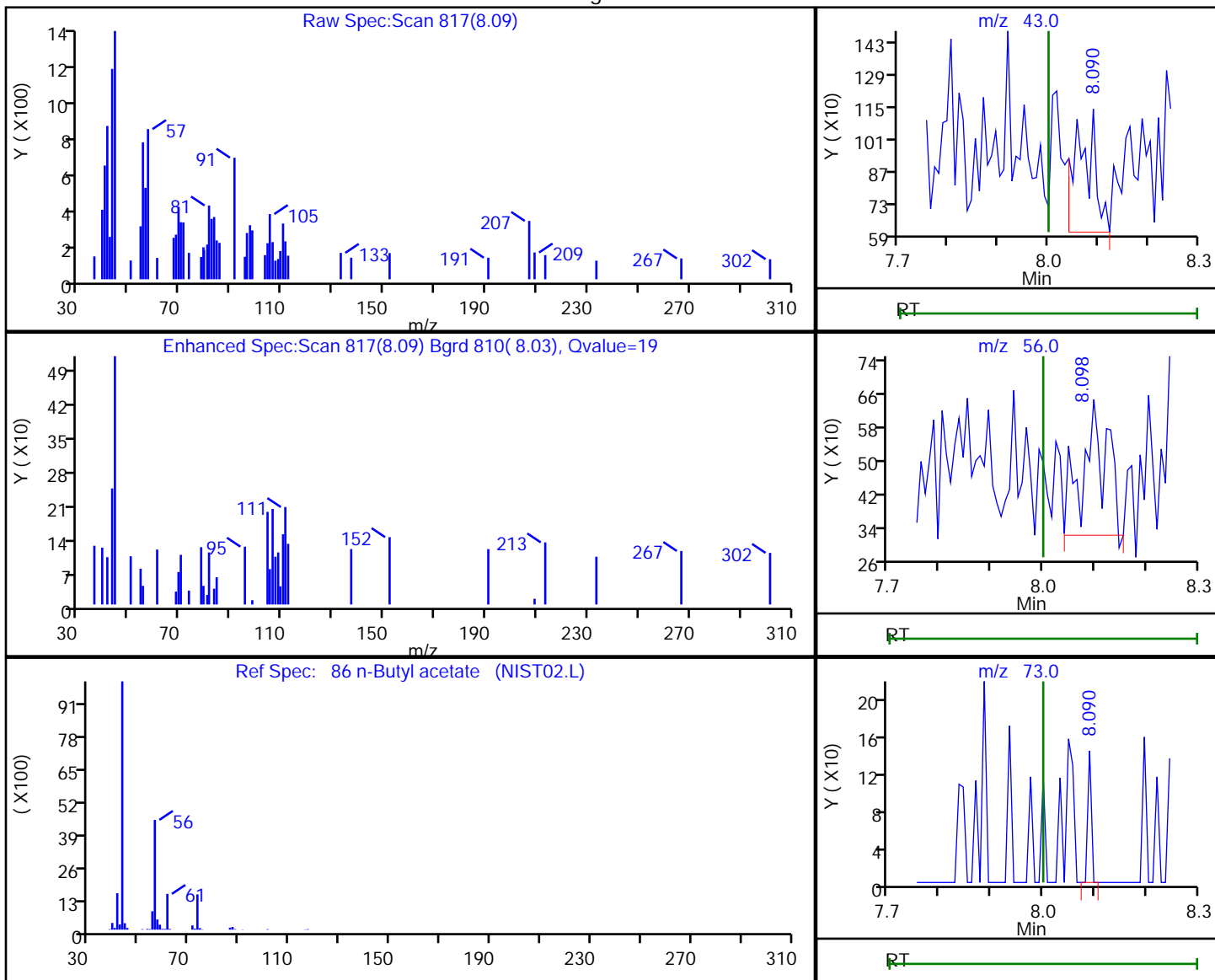
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
8.09	43.00	1349	0.865501
8.10	56.00	1057	
8.09	73.00	70	

Reviewer: boykink, 30-Sep-2018 23:13:54

Audit Action: Marked Compound Undetected

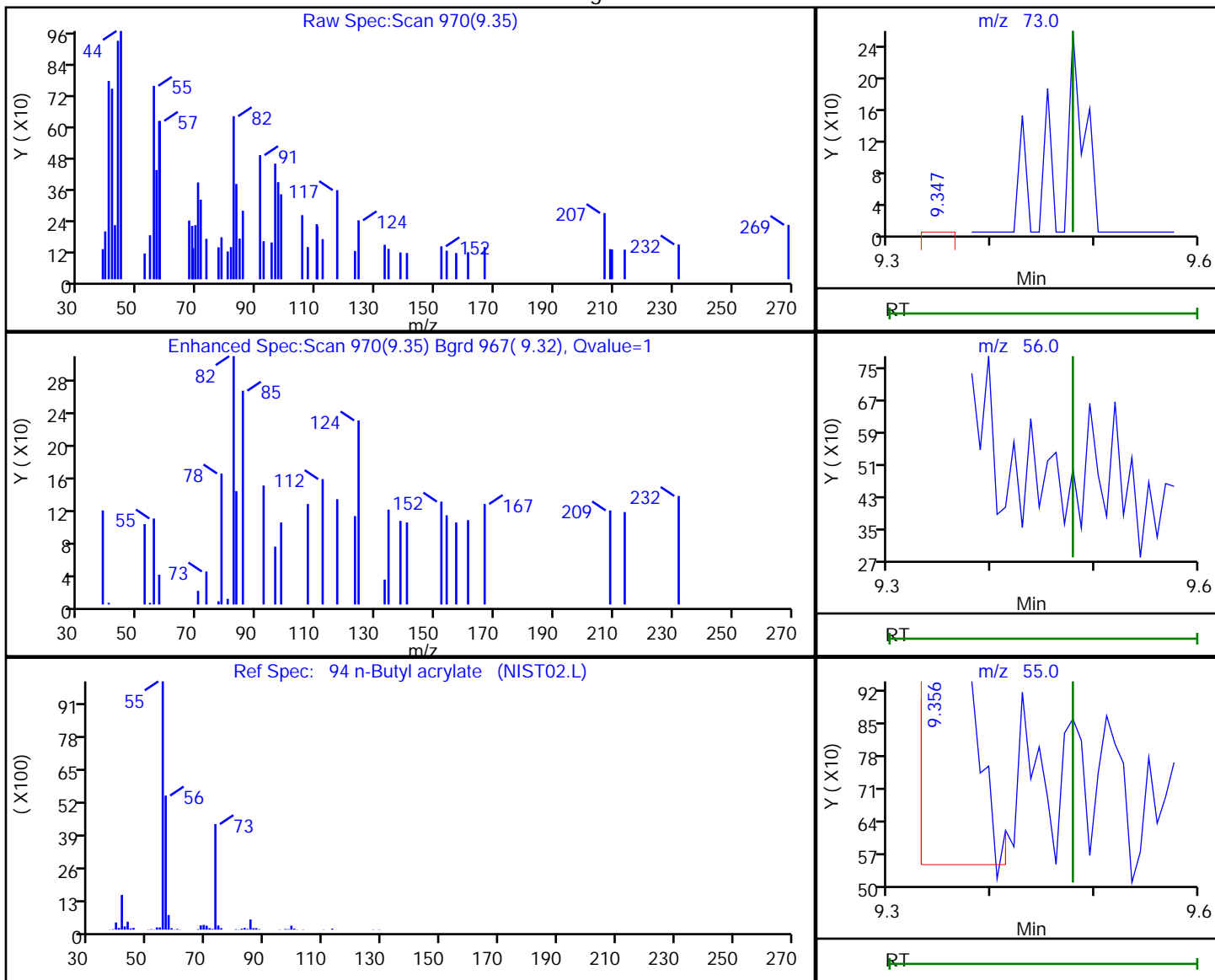
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.35	73.00	77	0.038652
9.34	56.00	914	
9.36	55.00	1053	

Reviewer: boykink, 30-Sep-2018 23:13:59

Audit Action: Marked Compound Undetected

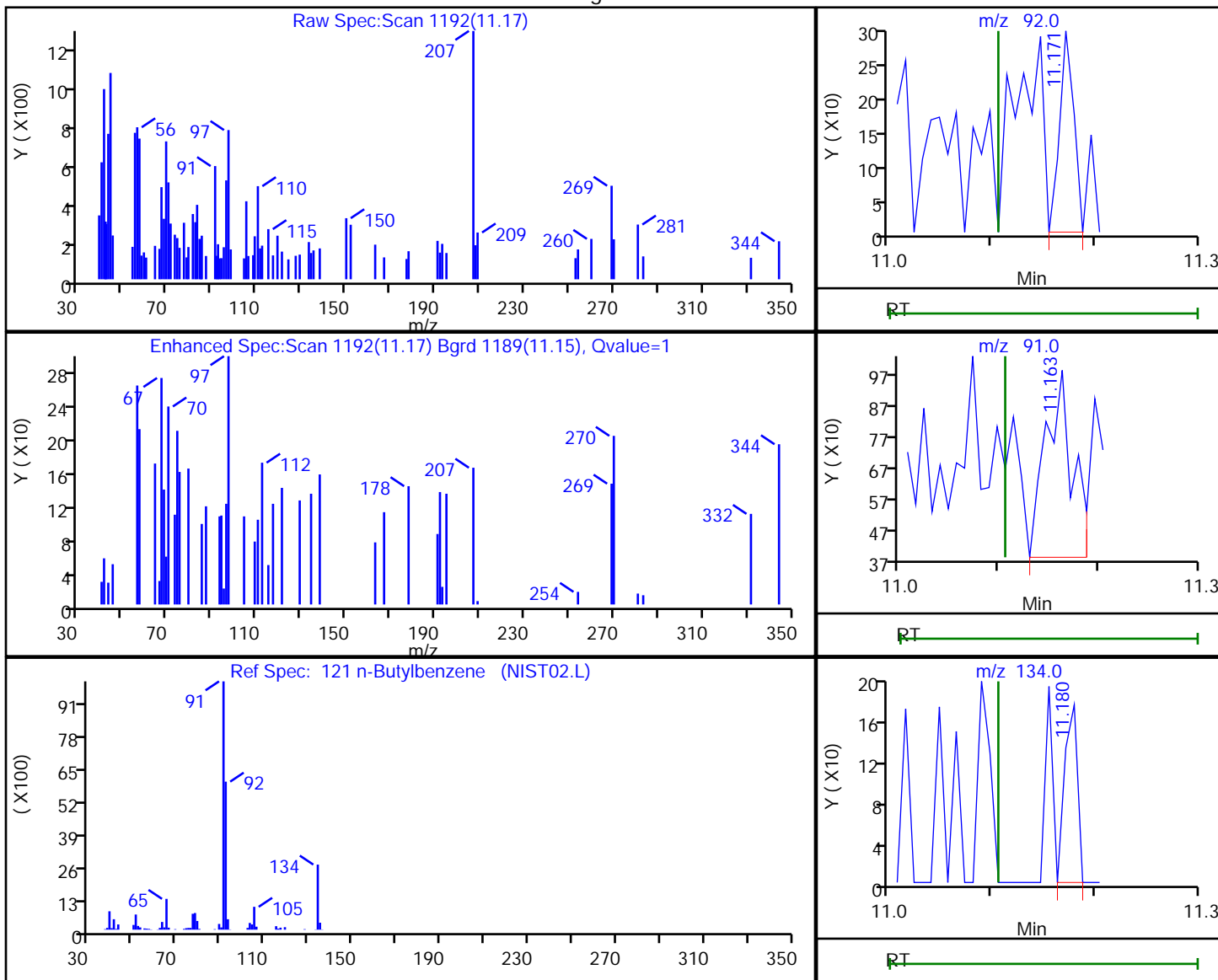
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

121 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.17	92.00	282	0.038849
11.16	91.00	1153	
11.18	134.00	151	

Reviewer: boykink, 30-Sep-2018 23:14:17

Audit Action: Marked Compound Undetected

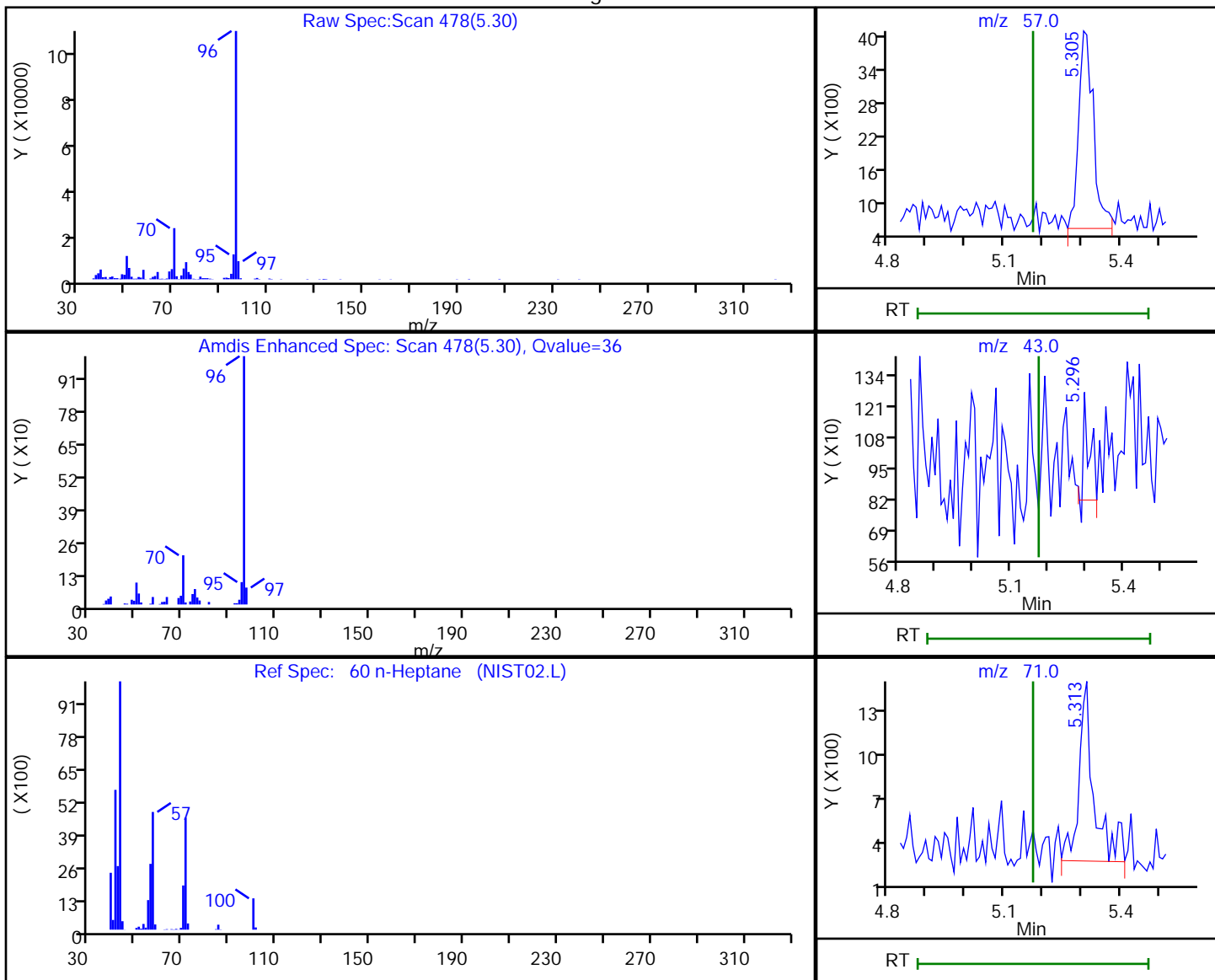
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.30	57.00	9529	3.127888
5.30	43.00	518	
5.31	71.00	3216	

Reviewer: boykink, 30-Sep-2018 23:13:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

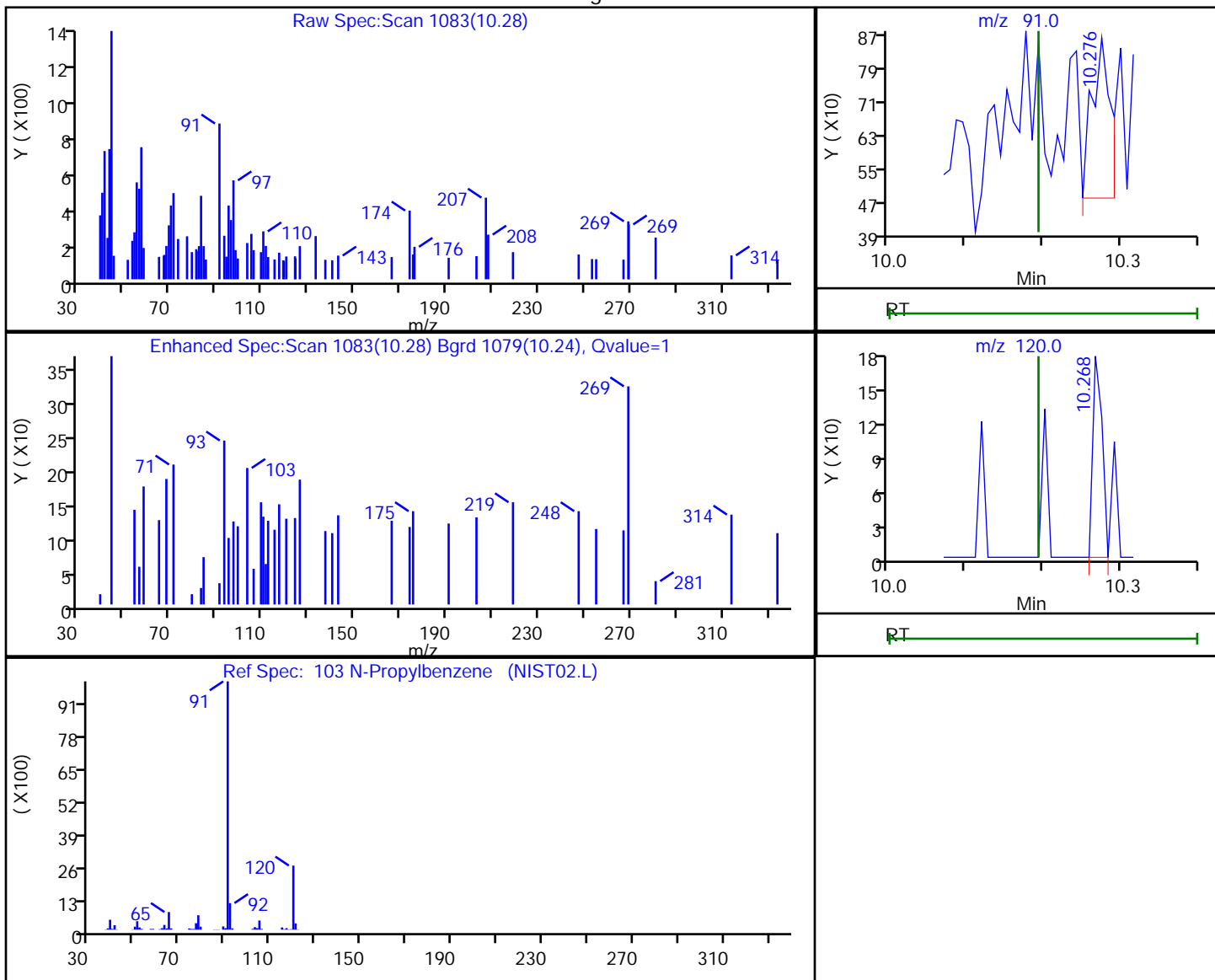


TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.28	91.00	630	0.035635
10.27	120.00	150	

Reviewer: boykink, 30-Sep-2018 23:14:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

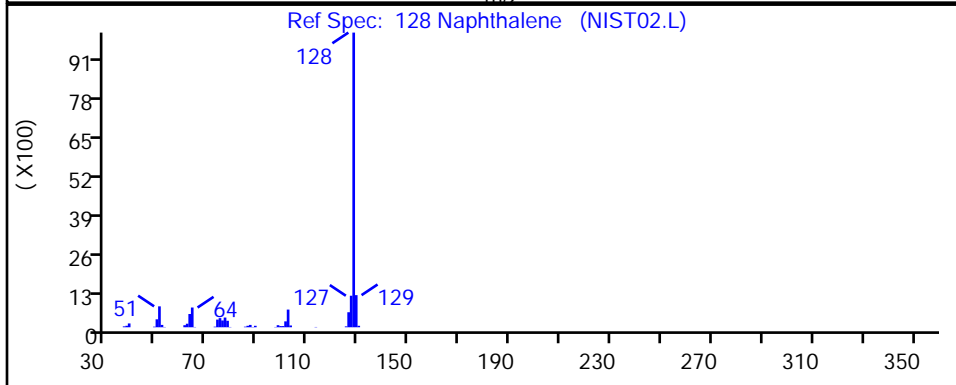
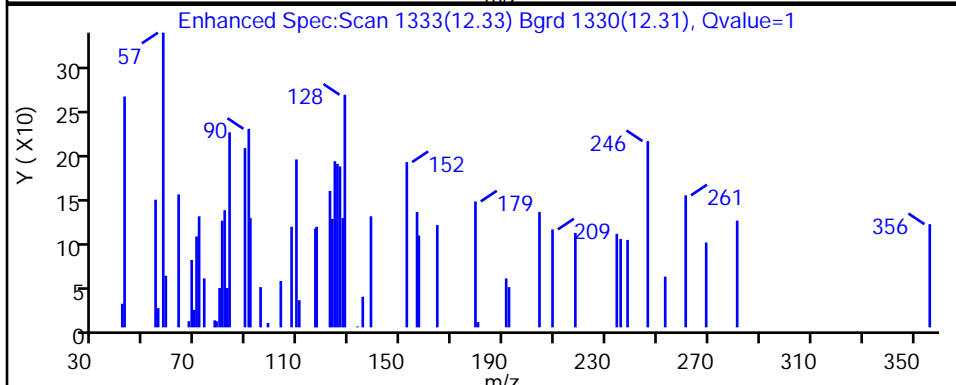
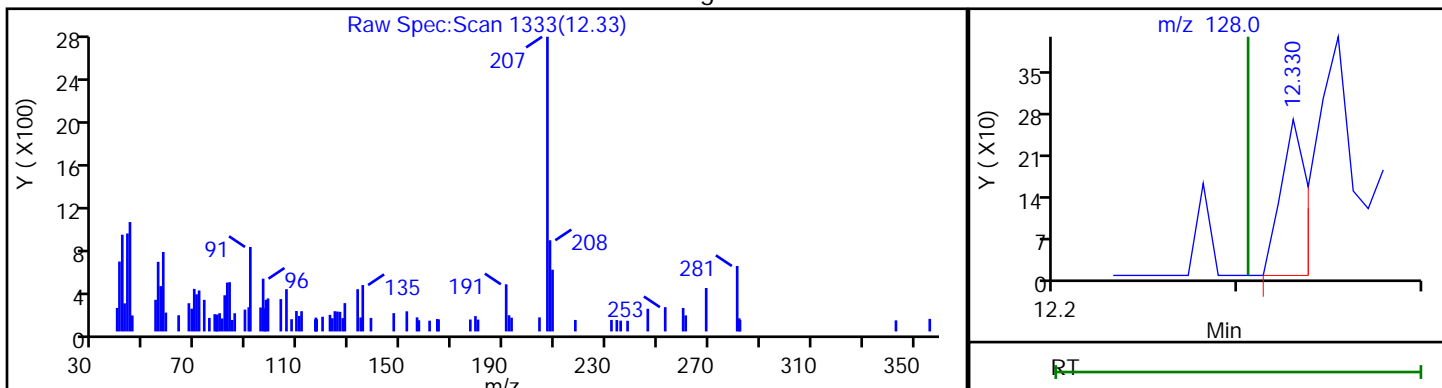
TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260624W6  
Column: Rtx-624 (0.25 mm)

ALS Bottle#: 2 Worklist Smp#: 3  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260C Water and Solid  
Detector: MS SCAN

128 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.33	128.00	266	0.027686

Reviewer: boykink, 30-Sep-2018 23:14:19

Audit Action: Marked Compound Undetected

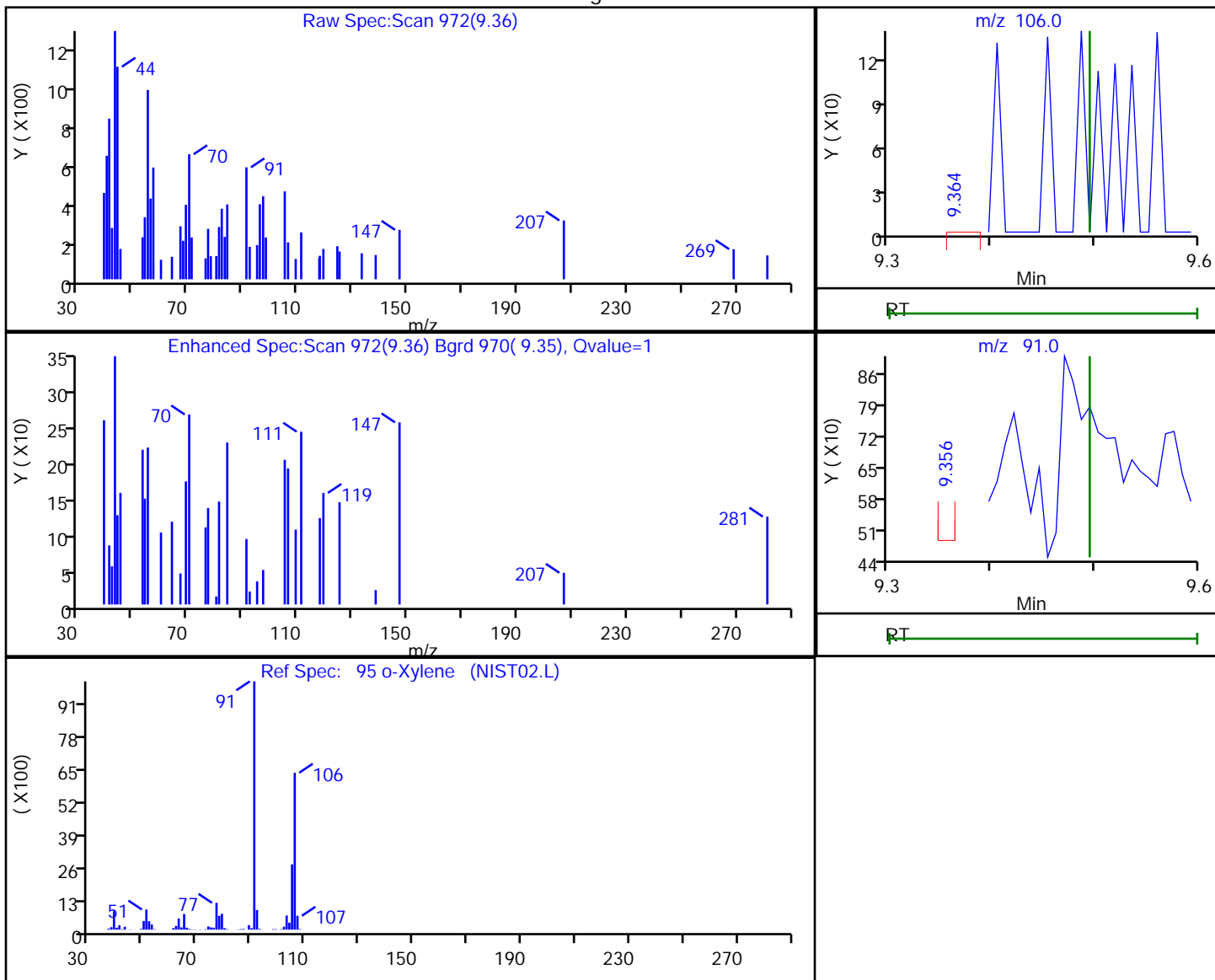
Audit Reason: Invalid Compound ID

TestAmerica Edison

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Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

95 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.36	106.00	198	0.038851
9.36	91.00	241	

Reviewer: boykink, 30-Sep-2018 23:14:00

Audit Action: Marked Compound Undetected

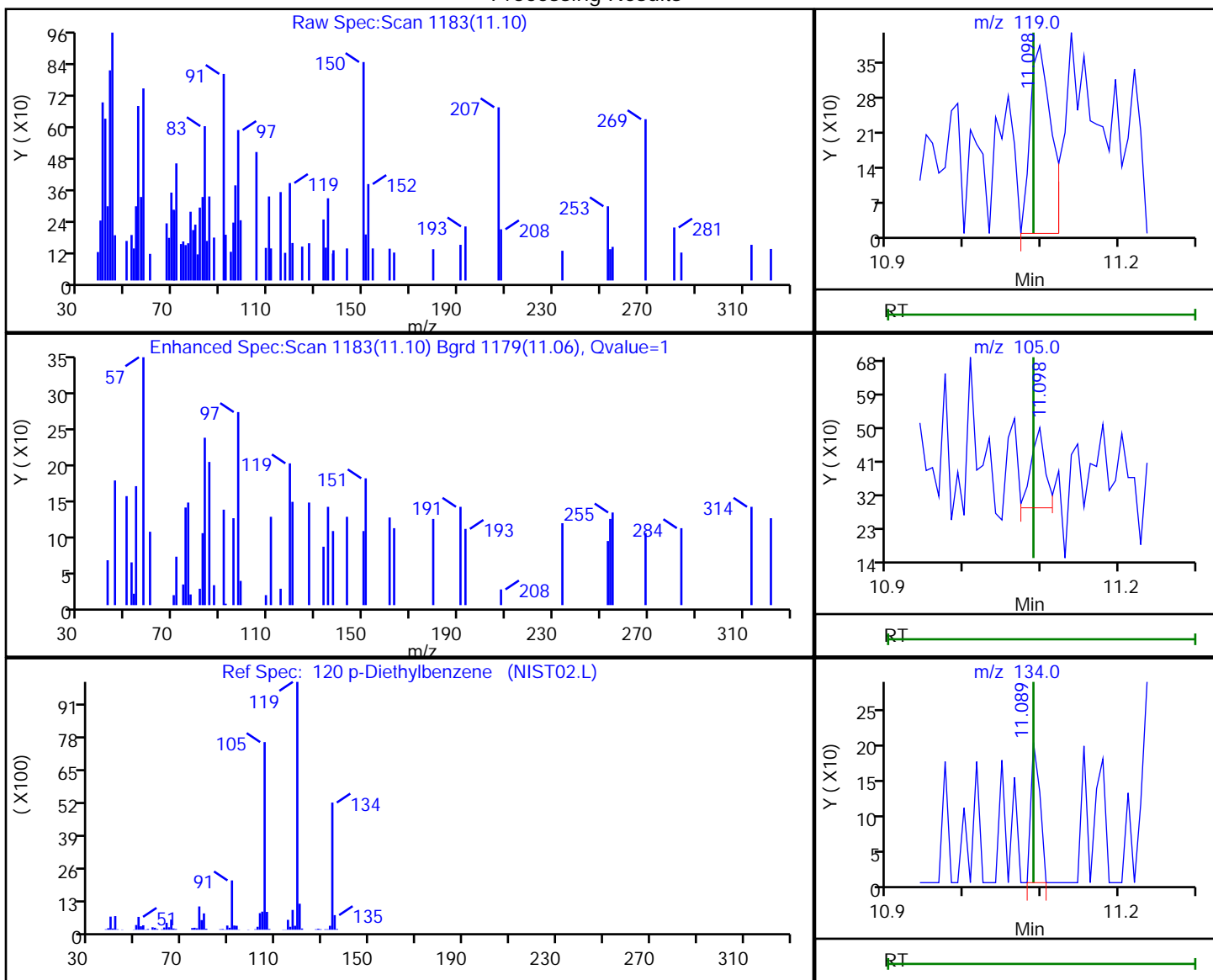
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

120 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.10	119.00	721	0.102872
11.10	105.00	280	
11.09	134.00	160	

Reviewer: boykink, 30-Sep-2018 23:14:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

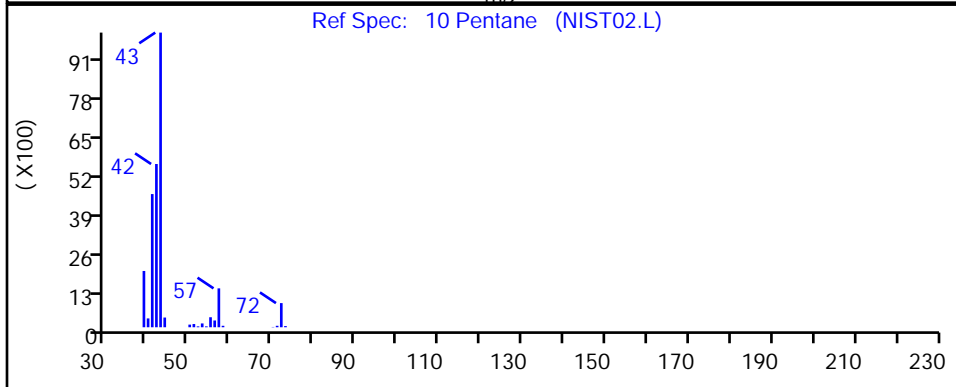
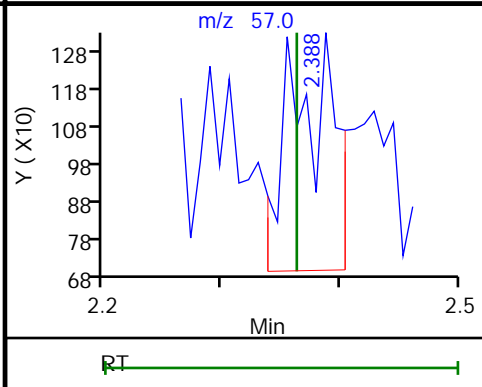
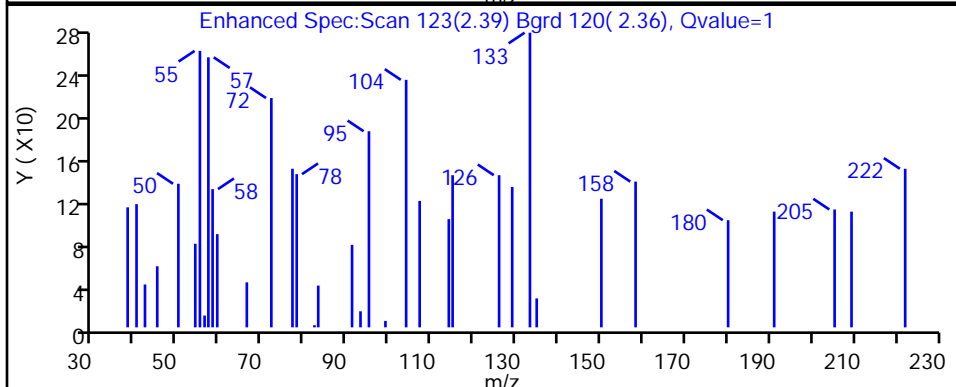
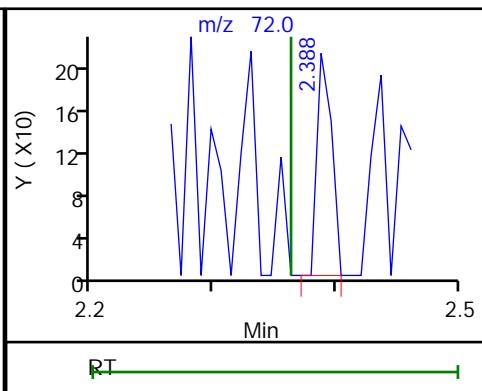
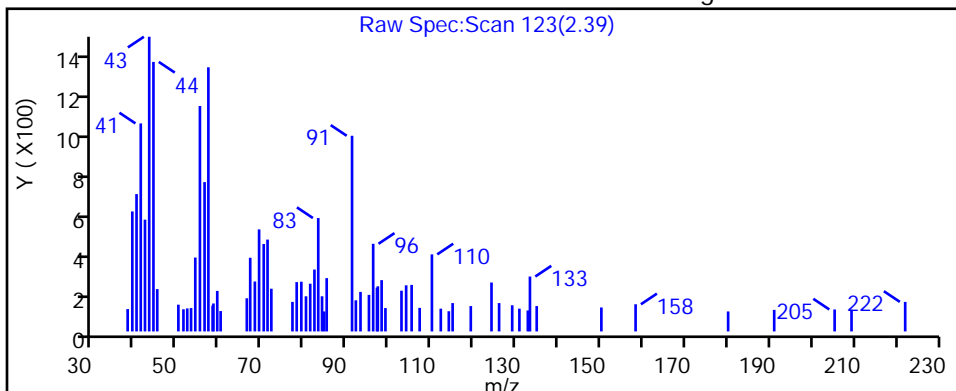
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.39	72.00	179	0.235710
2.39	57.00	1682	

Reviewer: boykink, 30-Sep-2018 23:13:03

Audit Action: Marked Compound Undetected

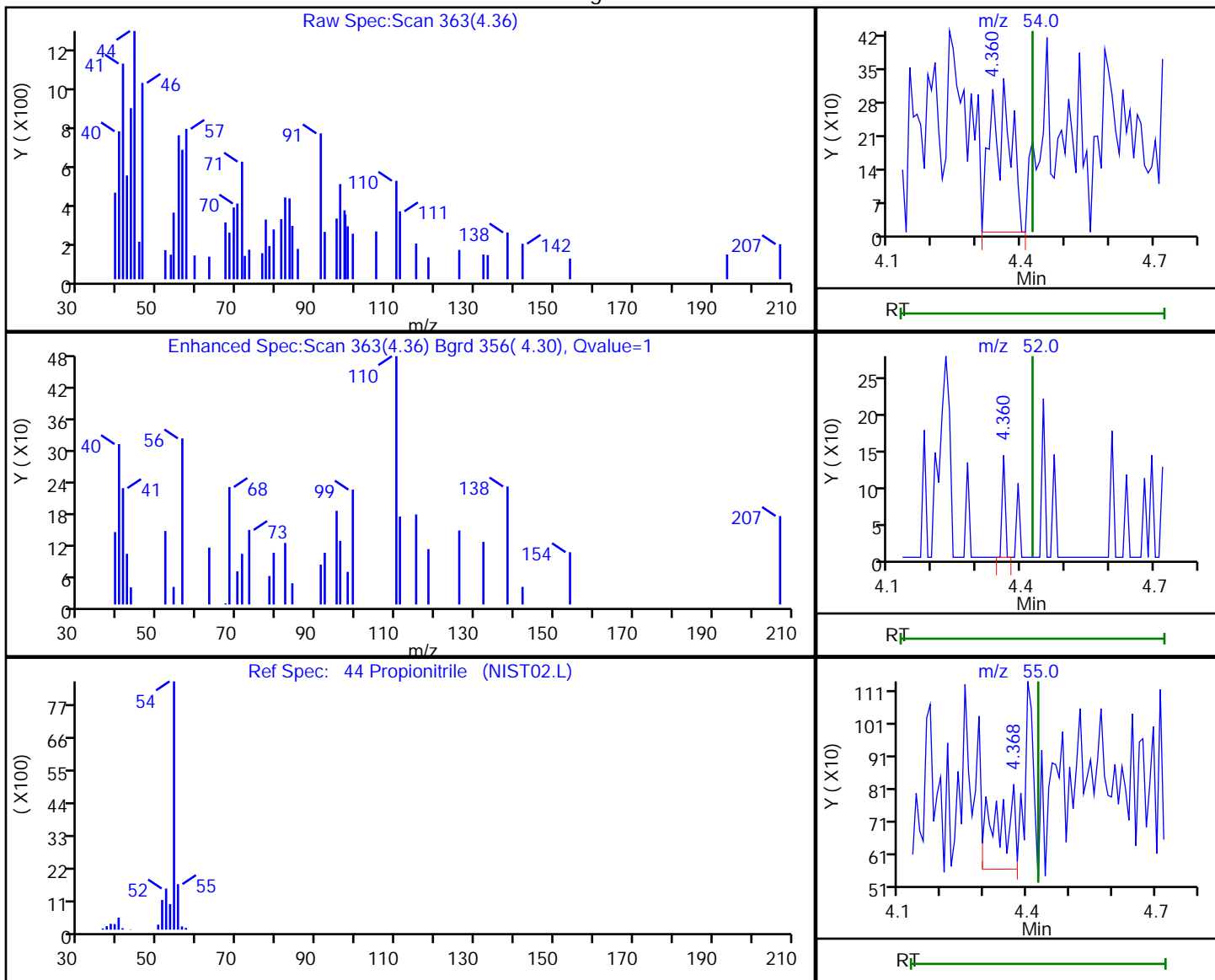
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.36	54.00	980	1.922994
4.36	52.00	70	
4.37	55.00	740	

Reviewer: boykink, 30-Sep-2018 23:13:30

Audit Action: Marked Compound Undetected

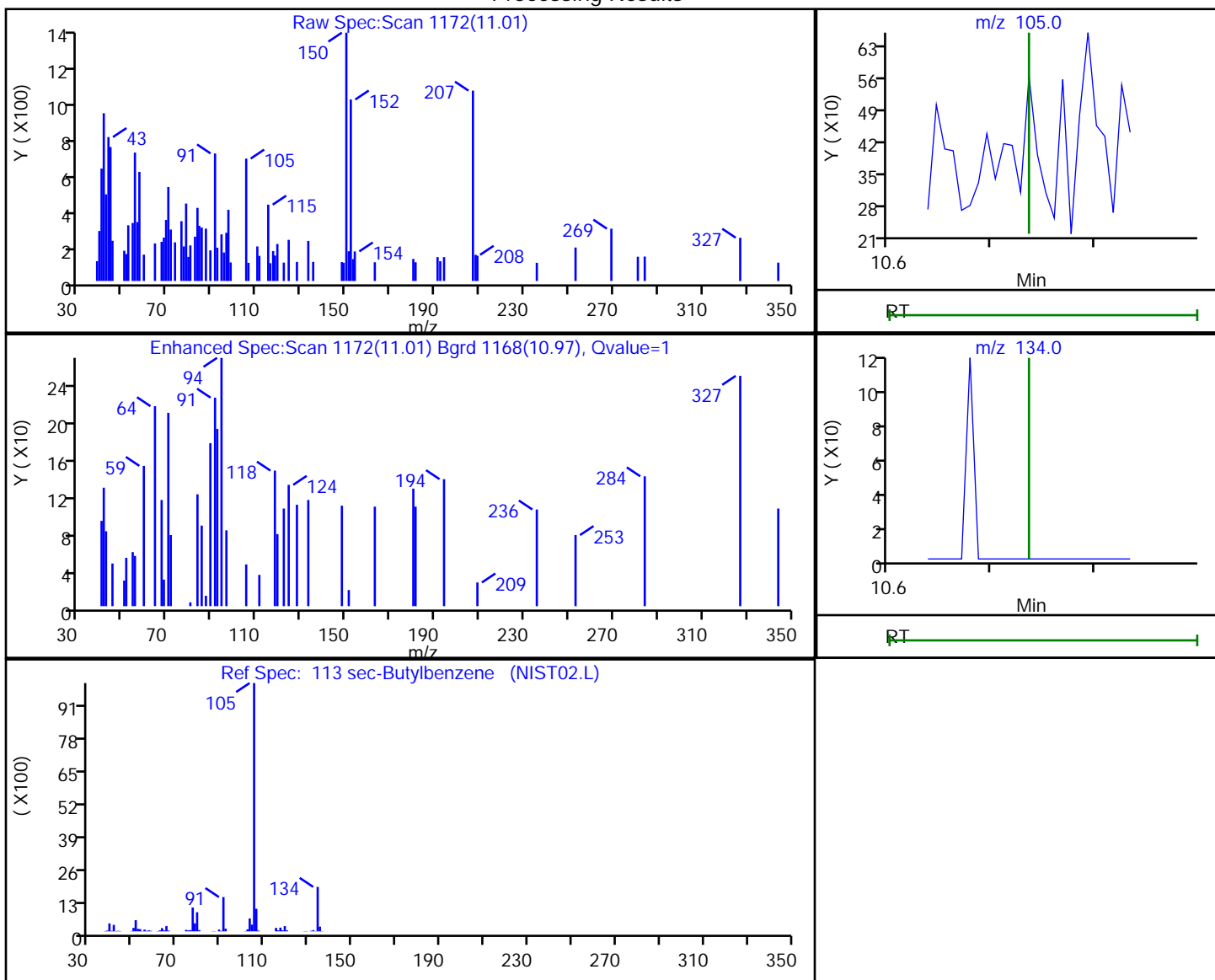
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TestAmerica Edison

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 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
11.01	105.00	354	0.023074
11.02	134.00	84	

Reviewer: boykink, 30-Sep-2018 23:14:16

Audit Action: Marked Compound Undetected

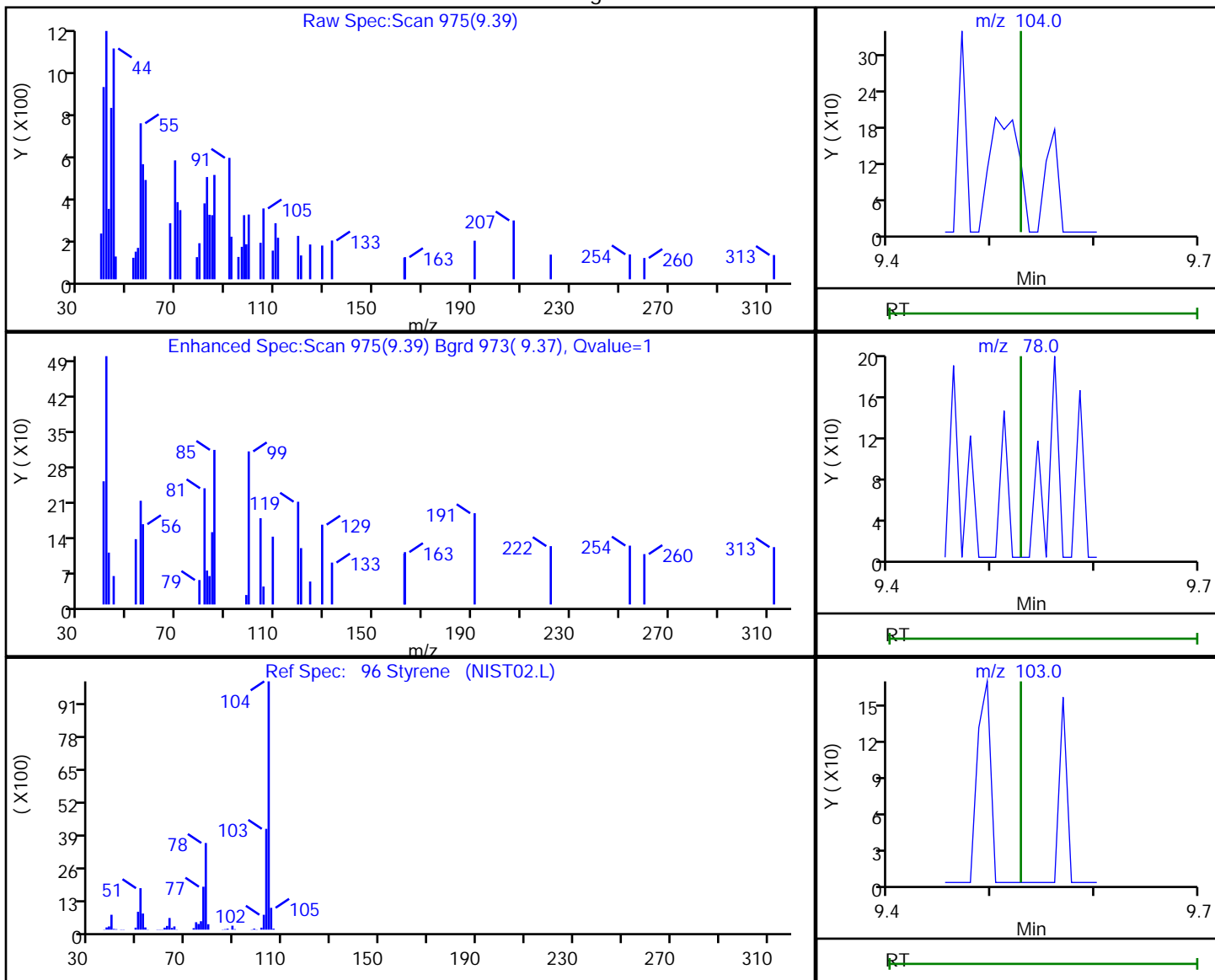
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

96 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.39	104.00	140	0.018795
9.40	78.00	256	
9.40	103.00	101	

Reviewer: boykink, 30-Sep-2018 23:14:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

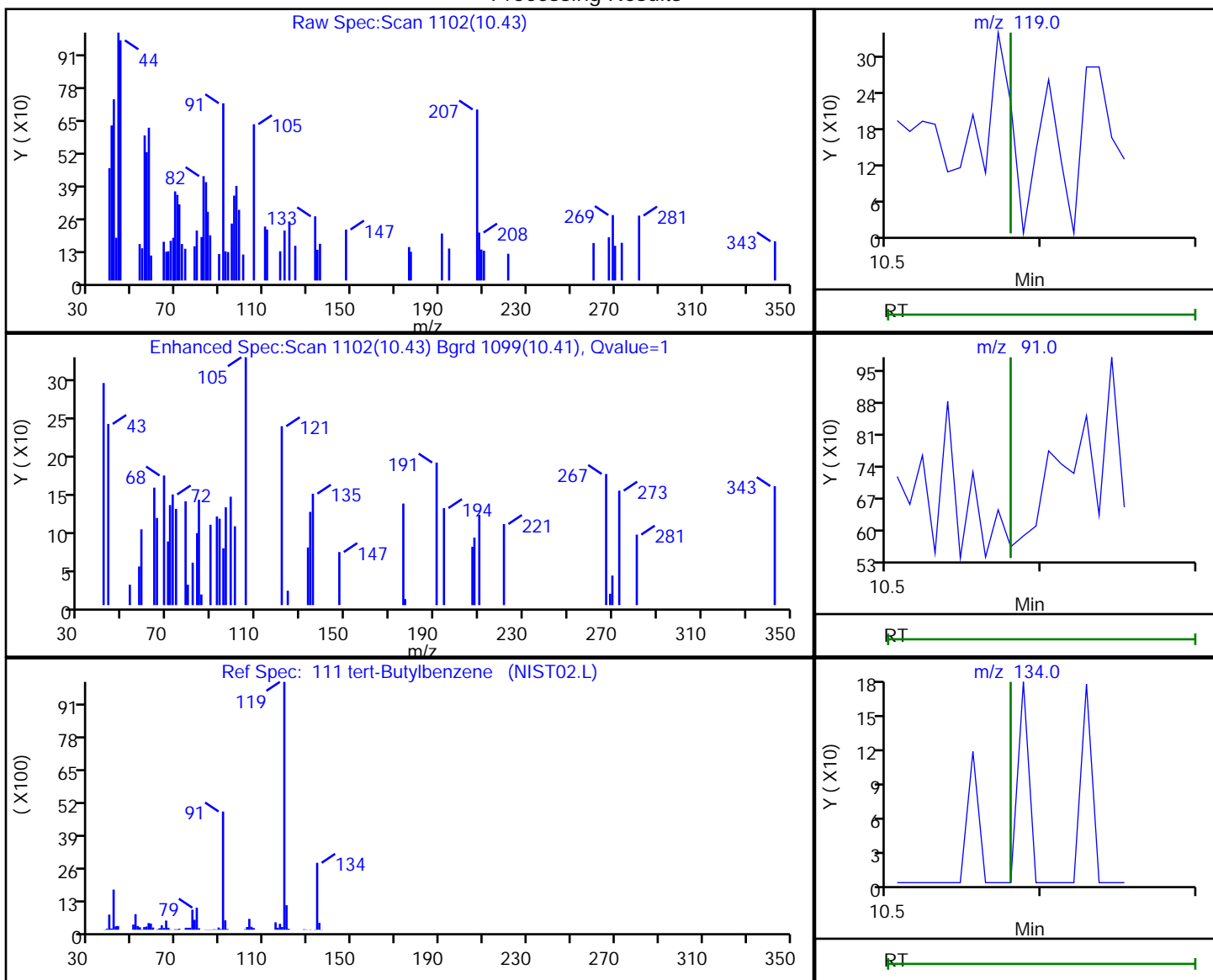


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
Lims ID: STD7  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.43	119.00	258	0.027652
10.42	91.00	276	
10.43	134.00	116	

Reviewer: boykink, 30-Sep-2018 23:14:10

Audit Action: Marked Compound Undetected

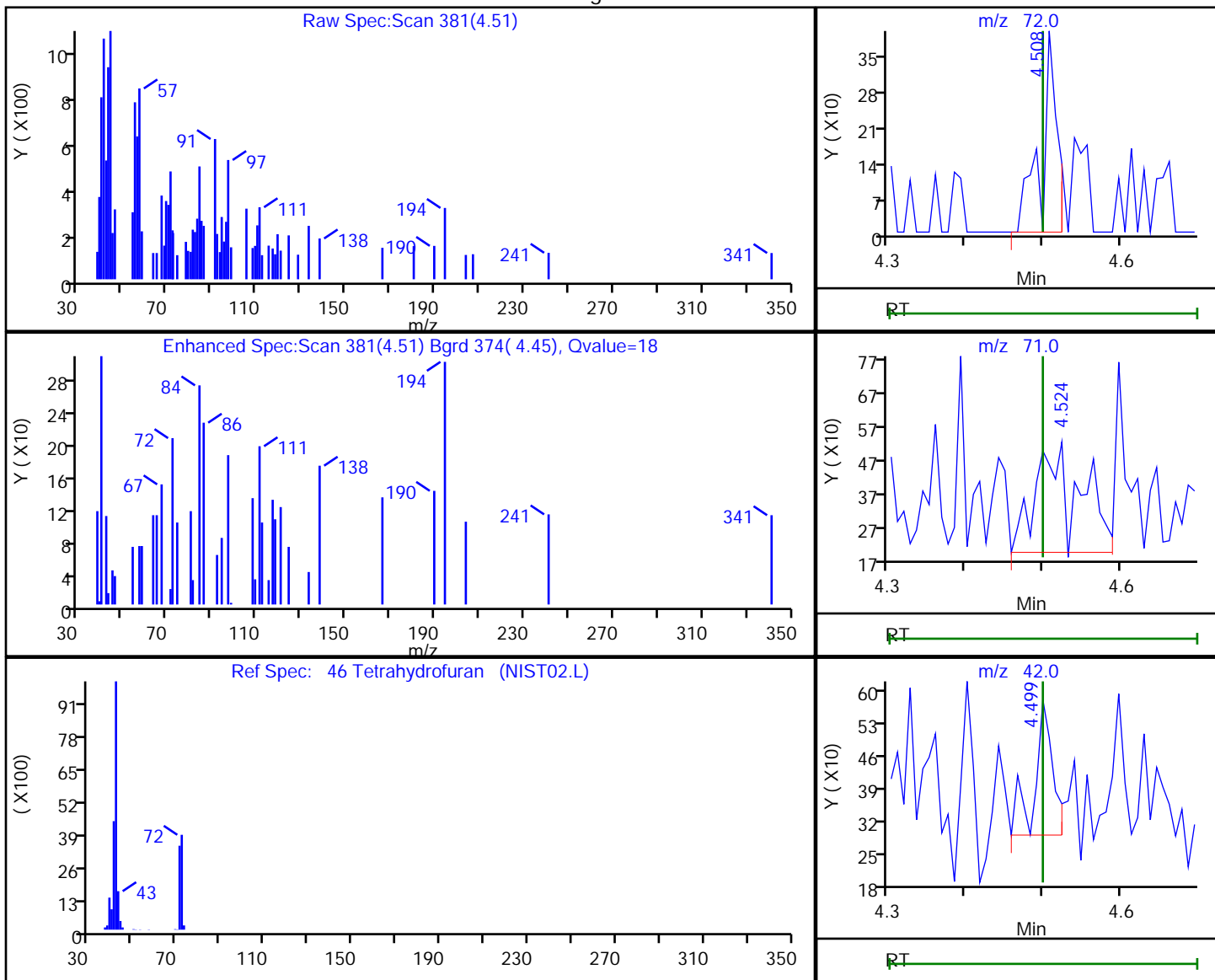
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.51	72.00	567	2.317204
4.52	71.00	1332	
4.50	42.00	481	

Reviewer: boykink, 30-Sep-2018 23:13:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D

Injection Date: 30-Sep-2018 22:53:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

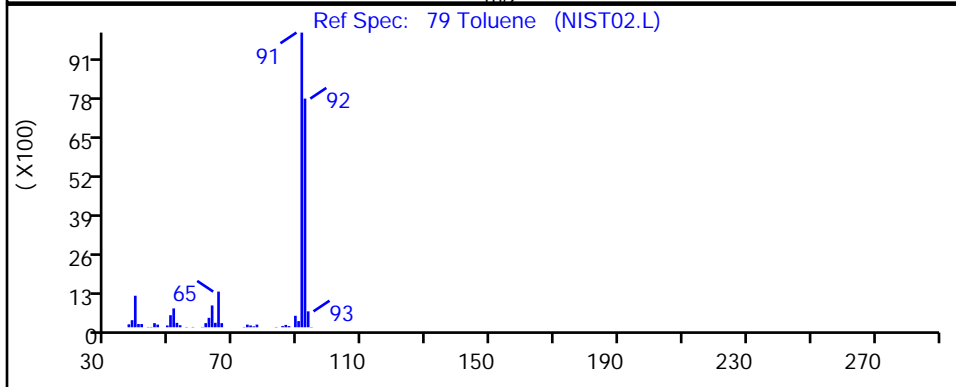
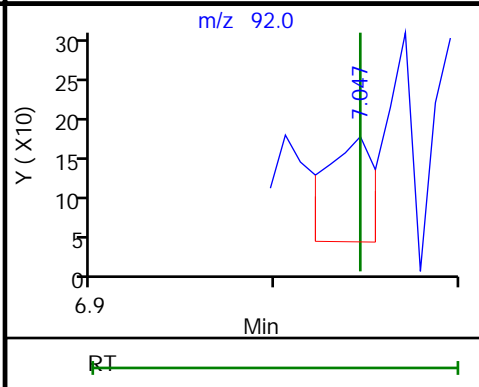
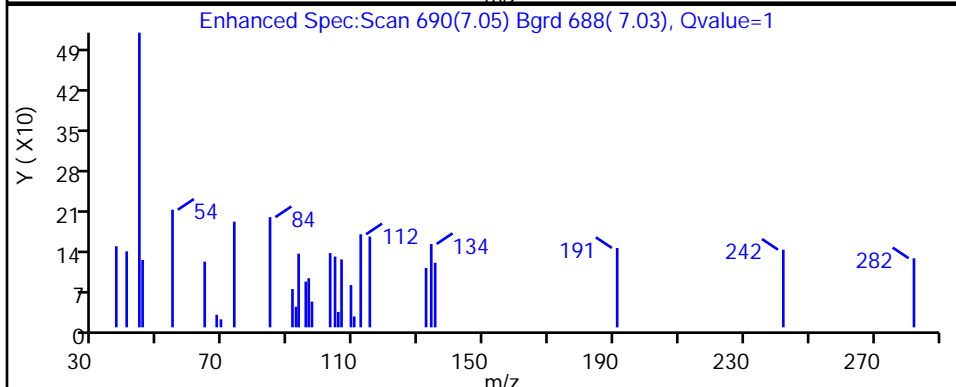
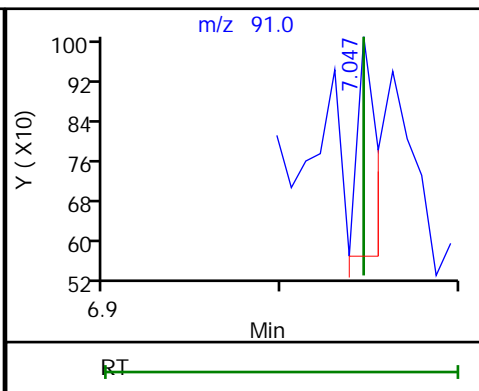
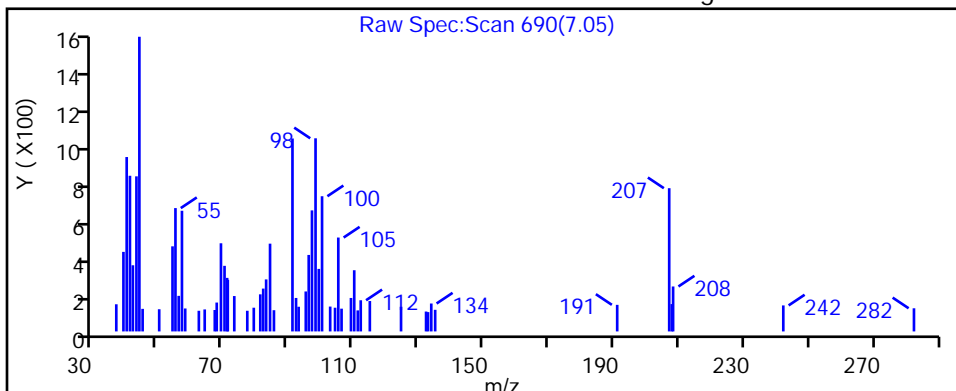
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.05	91.00	325	0.026791
7.05	92.00	263	

Reviewer: boykink, 30-Sep-2018 23:13:49

Audit Action: Marked Compound Undetected

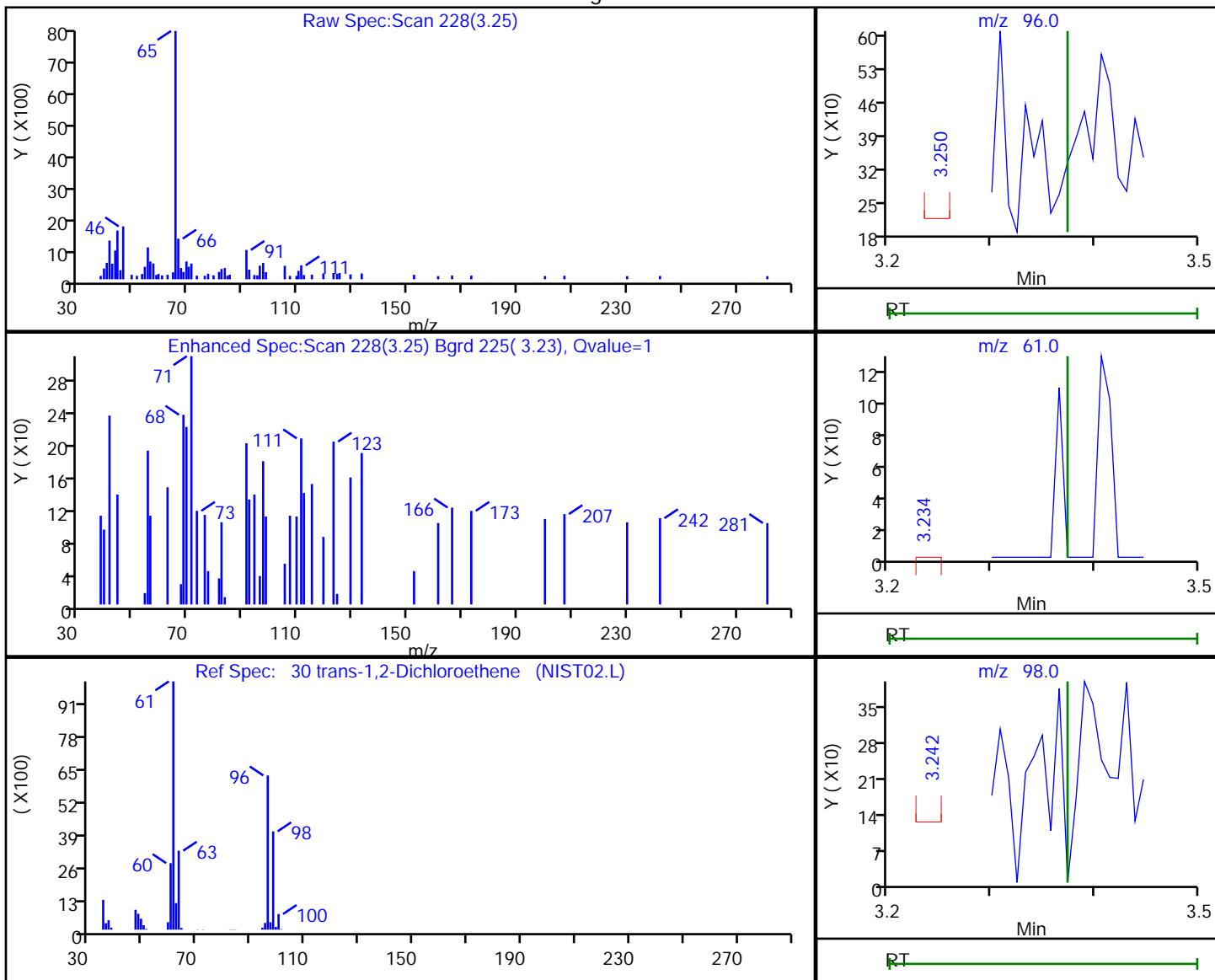
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.25	96.00	278	0.080484
3.23	61.00	130	
3.24	98.00	204	

Reviewer: boykink, 30-Sep-2018 23:13:14

Audit Action: Marked Compound Undetected

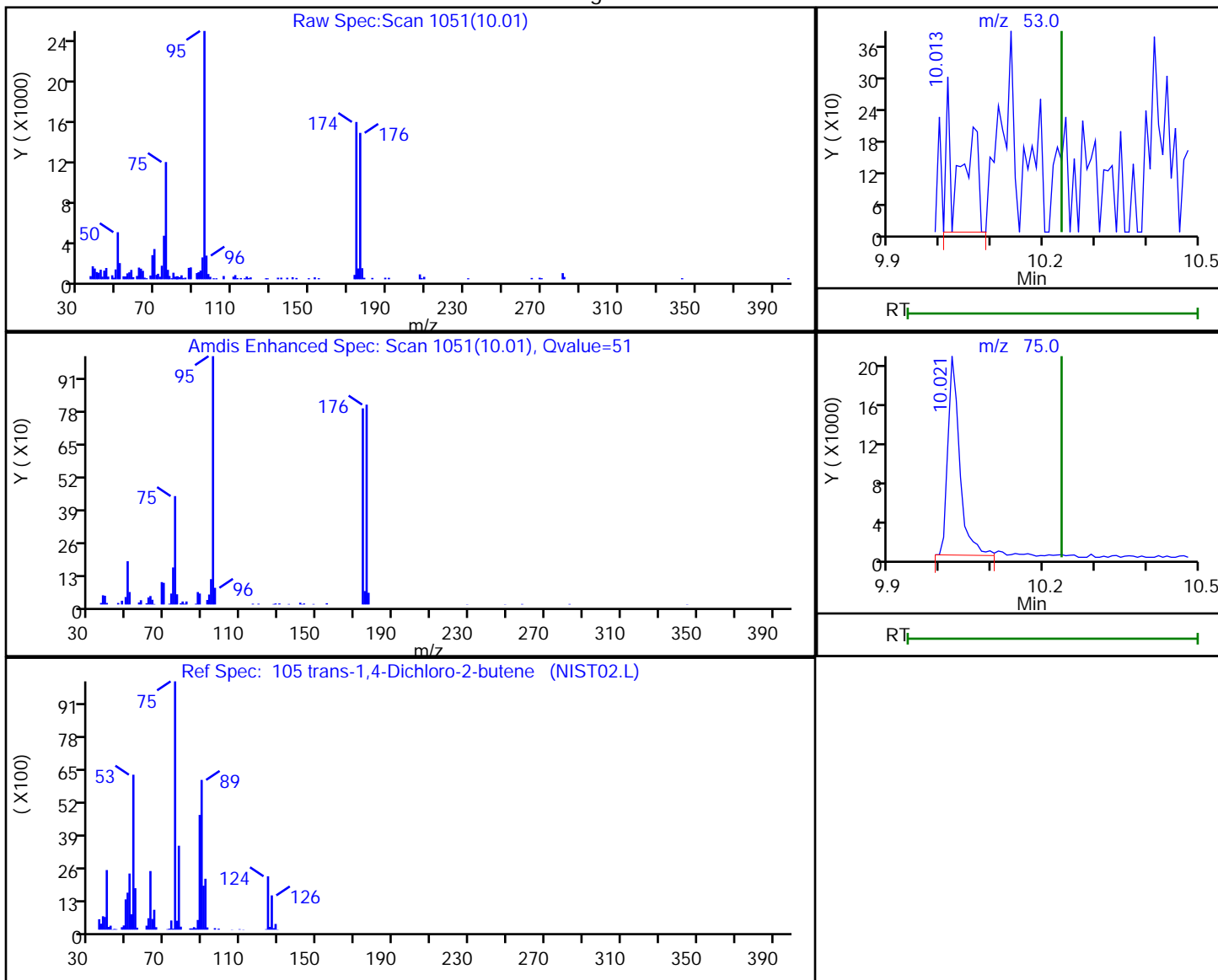
Audit Reason: Invalid Compound ID

TestAmerica Edison

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 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
10.01	53.00	574	0.544600
10.02	75.00	33334	

Reviewer: boykink, 30-Sep-2018 23:14:04

Audit Action: Marked Compound Undetected

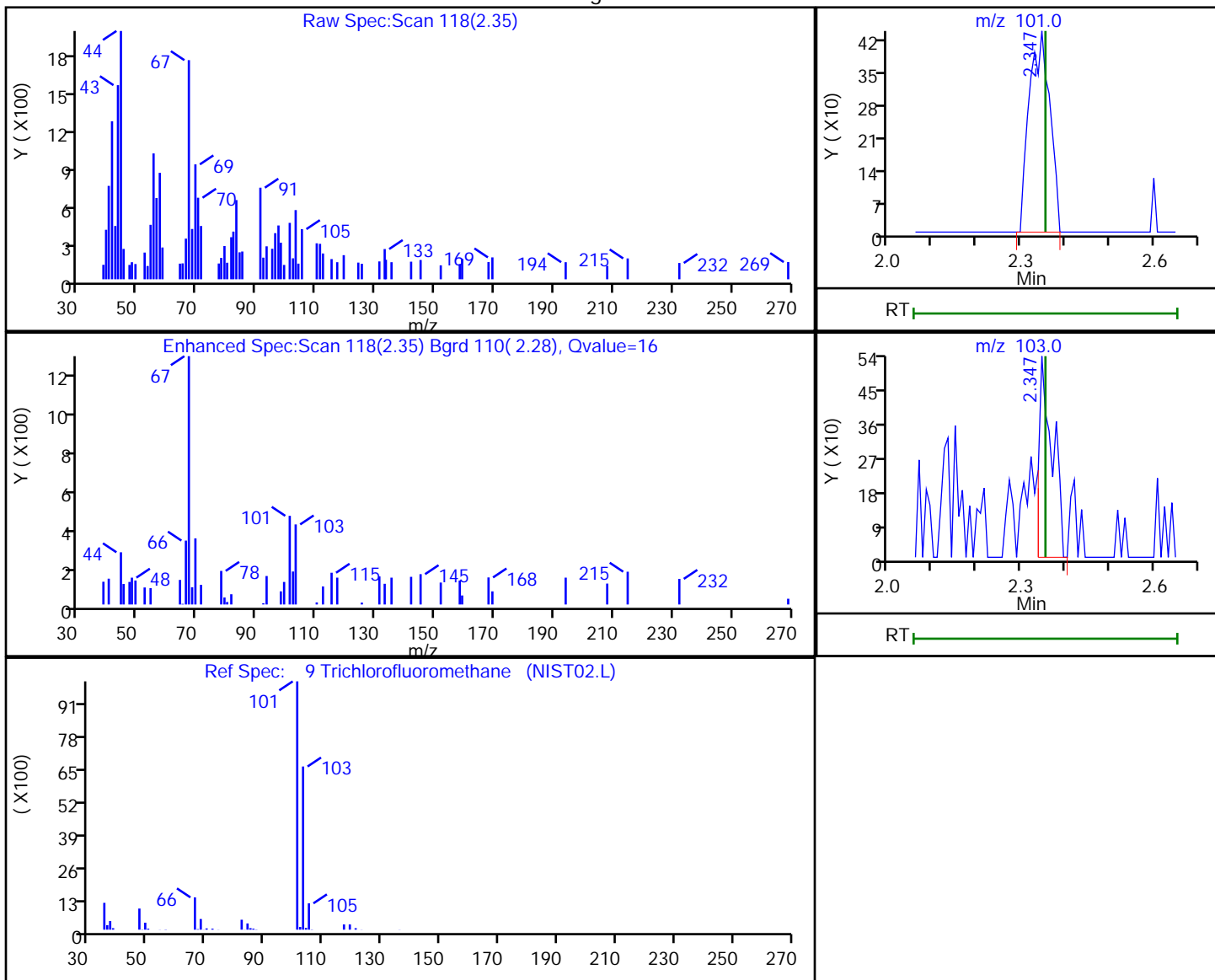
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

9 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.35	101.00	1402	0.233145
2.35	103.00	1109	

Reviewer: boykink, 30-Sep-2018 23:13:00

Audit Action: Marked Compound Undetected

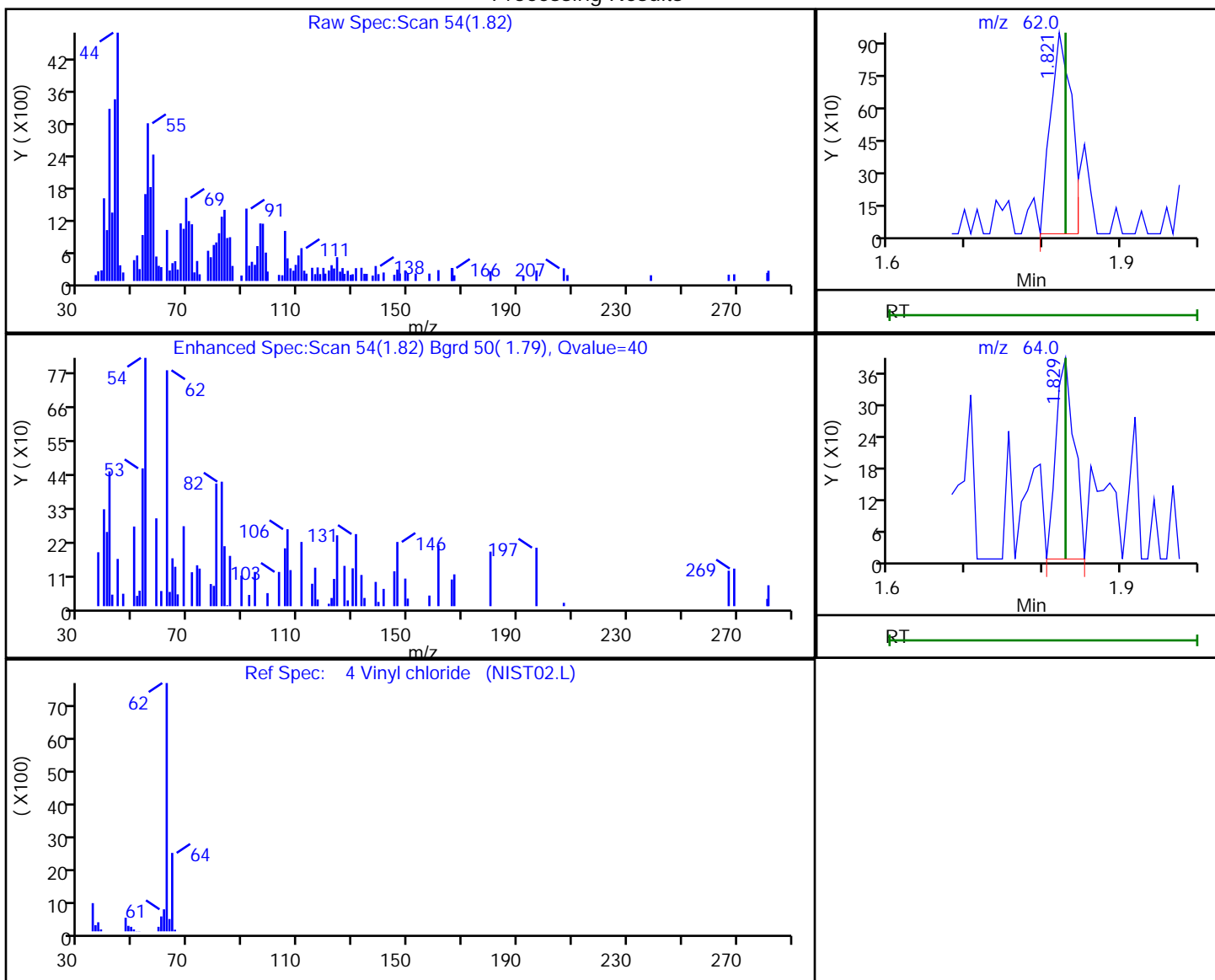
Audit Reason: Invalid Compound ID

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71256.D  
 Injection Date: 30-Sep-2018 22:53:30 Instrument ID: CVOAMS6  
 Lims ID: STD7  
 Client ID:  
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.82	62.00	1813	0.292489
1.83	64.00	630	

Reviewer: pakanatir, 01-Oct-2018 13:34:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 30-Sep-2018 23:17:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0079524-004  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:52:41 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: boykink

Date: 30-Sep-2018 23:59:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	41	2266	1.00	0.99	a
2 Dichlorodifluoromethane	85	1.566	1.566	0.000	66	4608	1.00	0.8882	
3 Chloromethane	50	1.738	1.738	0.000	70	6491	1.00	1.06	
5 Butadiene	54	1.812	1.821	-0.009	84	5234	1.00	0.9690	
4 Vinyl chloride	62	1.829	1.829	0.000	97	6307	1.00	1.04	
6 Bromomethane	94	2.100	2.100	0.000	94	4959	1.00	1.17	
7 Chloroethane	64	2.157	2.157	0.000	76	3714	1.00	1.08	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	78	8721	1.00	1.15	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	56	5434	1.00	1.00	
10 Pentane	72	2.355	2.363	-0.008	96	1826	2.00	2.40	
12 Ethyl ether	59	2.552	2.552	0.000	50	3006	1.00	1.09	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	91	4477	1.00	1.33	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	73	3703	1.00	1.18	
11 Ethanol	46	2.531	2.634	-0.103	2	0	40.0	0	a
16 1,1,2-Trichloro-1,2,2-trif	101	2.724	2.733	-0.009	76	3032	1.00	0.9054	
15 Acrolein	56	2.741	2.733	0.008	26	2963	4.00	5.26	a
17 1,1-Dichloroethene	96	2.749	2.757	-0.008	94	3376	1.00	0.9696	
18 Acetone	43	2.881	2.856	0.024	47	6486	5.00	6.07	
19 Iodomethane	142	2.913	2.913	0.000	84	6245	1.00	1.02	
21 Carbon disulfide	76	2.938	2.946	-0.008	96	12686	1.00	0.9734	
20 Isopropyl alcohol	45	2.946	2.987	-0.041	1	1610	10.0	10.6	a
22 3-Chloro-1-propene	41	3.061	3.061	0.000	90	7982	1.00	1.19	
24 Methyl acetate	43	3.086	3.078	0.008	47	4782	2.00	2.16	
23 Cyclopentene	67	3.078	3.086	-0.008	83	9366	1.00	1.05	
27 Methylene Chloride	84	3.193	3.193	0.000	39	4448	1.00	1.09	
* 26 TBA-d9 (IS)	65	3.217	3.201	0.016	0	128033	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.267	3.283	-0.016	31	4006	10.0	11.4	a
29 Methyl tert-butyl ether	73	3.357	3.341	0.016	62	7765	1.00	0.9624	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	90	2925	1.00	0.8109	
31 Acrylonitrile	53	3.464	3.472	-0.008	90	9671	10.0	9.03	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.513	0.000	73	3974	1.00	1.23	
33 Isopropyl ether	45	3.727	3.719	0.008	92	11415	1.00	1.04	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	65	6441	1.00	1.04	
35 Vinyl acetate	86	3.776	3.768	0.008	32	972	2.00	1.70	a
36 2-Chloro-1,3-butadiene	88	3.793	3.809	-0.016	47	2888	1.00	0.9432	
37 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	89	9736	1.00	1.03	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	104903	250.0	250.0	
39 2,2-Dichloropropane	97	4.261	4.253	0.008	36	1362	1.00	1.02	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	94	3699	1.00	0.9402	
42 Ethyl acetate	70	4.302	4.277	0.025	34	849	2.00	3.02	
41 2-Butanone (MEK)	72	4.277	4.286	-0.009	61	1565	5.00	5.56	
43 Methyl acrylate	55	4.360	4.335	0.025	3	2695	1.00	1.32	
44 Propionitrile	54	4.450	4.425	0.025	41	2664	10.0	6.91	a
45 Chlorobromomethane	128	4.507	4.499	0.008	56	1895	1.00	1.06	
46 Tetrahydrofuran	72	4.499	4.499	0.000	28	1636	2.00	4.27	a
47 Methacrylonitrile	67	4.532	4.508	0.024	92	9799	10.0	9.10	
48 Chloroform	83	4.549	4.549	0.000	72	6412	1.00	1.12	
49 Cyclohexane	84	4.680	4.680	0.000	80	6705	1.00	1.17	
50 1,1,1-Trichloroethane	97	4.696	4.688	0.008	78	5433	1.00	1.06	
\$ 51 Dibromofluoromethane (Surr	113	4.696	4.697	-0.001	96	66340	50.0	52.0	
52 Carbon tetrachloride	117	4.811	4.812	-0.001	75	3927	1.00	0.9384	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	93	4527	1.00	1.07	
54 Isobutyl alcohol	43	4.984	4.984	0.000	31	3264	25.0	17.1	a
55 Benzene	78	5.033	5.033	0.000	51	12976	1.00	1.03	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.042	0.008	0	62353	50.0	49.5	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	88	9812	1.00	0.9312	
57 Isopropyl acetate	43	5.083	5.083	0.000	74	7515	1.00	0.9154	a
59 1,2-Dichloroethane	62	5.116	5.116	0.000	91	3112	1.00	0.9148	a
60 n-Heptane	57	5.173	5.173	0.000	62	2817	1.00	1.12	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	257630	50.0	50.0	
62 n-Butanol	56	5.715	5.641	0.074	22	907	25.0	15.8	
63 Trichloroethene	95	5.666	5.666	0.000	93	2958	1.00	0.9719	
65 Ethyl acrylate	55	5.789	5.789	0.000	88	6353	1.00	0.8681	
64 Methylcyclohexane	83	5.789	5.789	0.000	88	5893	1.00	0.9273	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	92	2917	1.00	0.9120	
* 67 1,4-Dioxane-d8	96	6.011	6.019	-0.008	0	14486	1000.0	1000.0	
68 Methyl methacrylate	100	6.052	6.019	0.033	49	919	2.00	1.48	
69 1,4-Dioxane	88	6.085	6.069	0.016	51	1511	50.0	47.4	
70 n-Propyl acetate	43	6.077	6.077	0.000	17	737	1.00	0.2831	
71 Dibromomethane	93	6.085	6.085	0.000	82	1785	1.00	1.01	
72 Dichlorobromomethane	83	6.225	6.233	-0.008	98	3829	1.00	0.9847	
74 2-Chloroethyl vinyl ether	63	6.586	6.562	0.024	1	585	1.00	0.99	
73 2-Nitropropane	41	6.562	6.562	0.000	72	2530	2.00	4.47	
75 Epichlorohydrin	57	6.685	6.636	0.049	25	3372	20.0	16.9	
76 cis-1,3-Dichloropropene	75	6.734	6.726	0.008	90	3517	1.00	0.8638	
77 4-Methyl-2-pentanone (MIBK	43	6.899	6.890	0.009	77	8341	5.00	3.83	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	100	218801	50.0	50.4	
79 Toluene	91	7.038	7.047	-0.009	93	12485	1.00	1.04	
80 trans-1,3-Dichloropropene	75	7.408	7.392	0.016	42	2542	1.00	0.7793	
81 Ethyl methacrylate	69	7.638	7.425	0.213	30	1238	1.00	0.3852	a
82 1,1,2-Trichloroethane	83	7.613	7.614	-0.001	66	2442	1.00	1.18	
83 Tetrachloroethene	166	7.646	7.655	-0.009	91	2903	1.00	1.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.827	7.819	0.008	62	2896	1.00	0.8103	
85 2-Hexanone	43	7.934	7.885	0.049	15	2684	5.00	5.04	a
86 n-Butyl acetate	43	8.106	8.000	0.106	1	1770	1.00	0.5375	
87 Chlorodibromomethane	129	8.057	8.057	0.000	51	2298	1.00	0.9296	
88 Ethylene Dibromide	107	8.221	8.213	0.008	59	1697	1.00	0.8455	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	85	163905	50.0	50.0	
90 Chlorobenzene	112	8.797	8.789	0.008	92	7367	1.00	1.01	
91 Ethylbenzene	106	8.887	8.887	0.000	98	3979	1.00	0.9207	
92 1,1,1,2-Tetrachloroethane	131	8.904	8.912	-0.008	43	2368	1.00	0.8048	
93 m-Xylene & p-Xylene	106	9.051	9.043	0.008	0	5535	1.00	1.01	
94 n-Butyl acrylate	73	9.528	9.479	0.049	42	1981	1.00	0.9295	
95 o-Xylene	106	9.495	9.495	0.000	92	5613	1.00	0.9814	
96 Styrene	104	9.536	9.528	0.008	91	7263	1.00	0.8568	
97 Amyl acetate (mixed isomer)	43	9.717	9.709	0.008	34	1133	1.00	0.2979	
98 Bromoform	173	9.742	9.733	0.009	89	1440	1.00	0.8947	
99 Isopropylbenzene	105	9.840	9.840	0.000	96	13778	1.00	0.9677	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	89	65342	50.0	51.8	
101 Bromobenzene	156	10.144	10.144	0.000	95	2712	1.00	0.8479	
102 1,1,2,2-Tetrachloroethane	83	10.185	10.177	0.008	97	2648	1.00	0.8289	
103 N-Propylbenzene	91	10.202	10.194	0.008	99	16066	1.00	0.9593	a
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	46	899	1.00	0.9835	a
105 trans-1,4-Dichloro-2-buten	53	10.243	10.235	0.008	65	1240	1.00	1.52	a
106 2-Chlorotoluene	91	10.292	10.284	0.008	88	11435	1.00	0.9876	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	13526	1.00	0.9730	a
108 1,3,5-Trimethylbenzene	105	10.341	10.342	-0.001	93	11442	1.00	0.9247	a
109 4-Chlorotoluene	91	10.391	10.383	0.008	95	8634	1.00	0.8709	
110 Butyl Methacrylate	87	10.440	10.424	0.016	52	2949	1.00	0.6800	
111 tert-Butylbenzene	119	10.580	10.580	0.000	95	8256	1.00	0.8712	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	12548	1.00	0.9779	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	14031	1.00	0.9253	a
114 4-Isopropyltoluene	119	10.843	10.835	0.008	98	12030	1.00	0.9206	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	96	6412	1.00	0.9623	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	96	93393	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	90	6514	1.00	0.9649	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	96	11662	1.00	0.8947	
118 Benzyl chloride	91	11.023	11.015	0.008	95	5539	1.00	0.8406	a
119 2,3-Dihydroindene	117	11.065	11.056	0.009	92	13091	1.00	1.02	a
120 p-Diethylbenzene	119	11.097	11.089	0.008	98	6742	1.00	0.9136	
121 n-Butylbenzene	92	11.114	11.106	0.008	97	6289	1.00	0.8891	
122 1,2-Dichlorobenzene	146	11.171	11.163	0.008	97	6334	1.00	0.9393	a
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.566	0.008	98	12139	1.00	0.9517	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	19	936	1.00	1.28	
125 1,3,5-Trichlorobenzene	180	11.747	11.730	0.017	94	5691	1.00	1.04	
126 1,2,4-Trichlorobenzene	180	12.149	12.133	0.016	92	4578	1.00	0.8924	
127 Hexachlorobutadiene	225	12.198	12.190	0.008	83	1788	1.00	0.8753	
128 Naphthalene	128	12.322	12.305	0.017	97	9433	1.00	0.8630	
129 1,2,3-Trichlorobenzene	180	12.478	12.470	0.008	94	5283	1.00	1.14	
S 130 1,2-Dichloroethene, Total	100				0		2.00	1.75	
S 131 Xylenes, Total	100				0		2.00	2.00	

### QC Flag Legend

#### Review Flags

a - User Assigned ID

### Reagents:

GAS Hi_00273	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 1.00	Units: uL	
MIX I Hi_00098	Amount Added: 1.00	Units: uL	
Ethanol mix_00019	Amount Added: 1.00	Units: uL	
ACROLEIN W_00081	Amount Added: 4.00	Units: uL	
14DIOXINTER_00088	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D

Injection Date: 30-Sep-2018 23:17:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

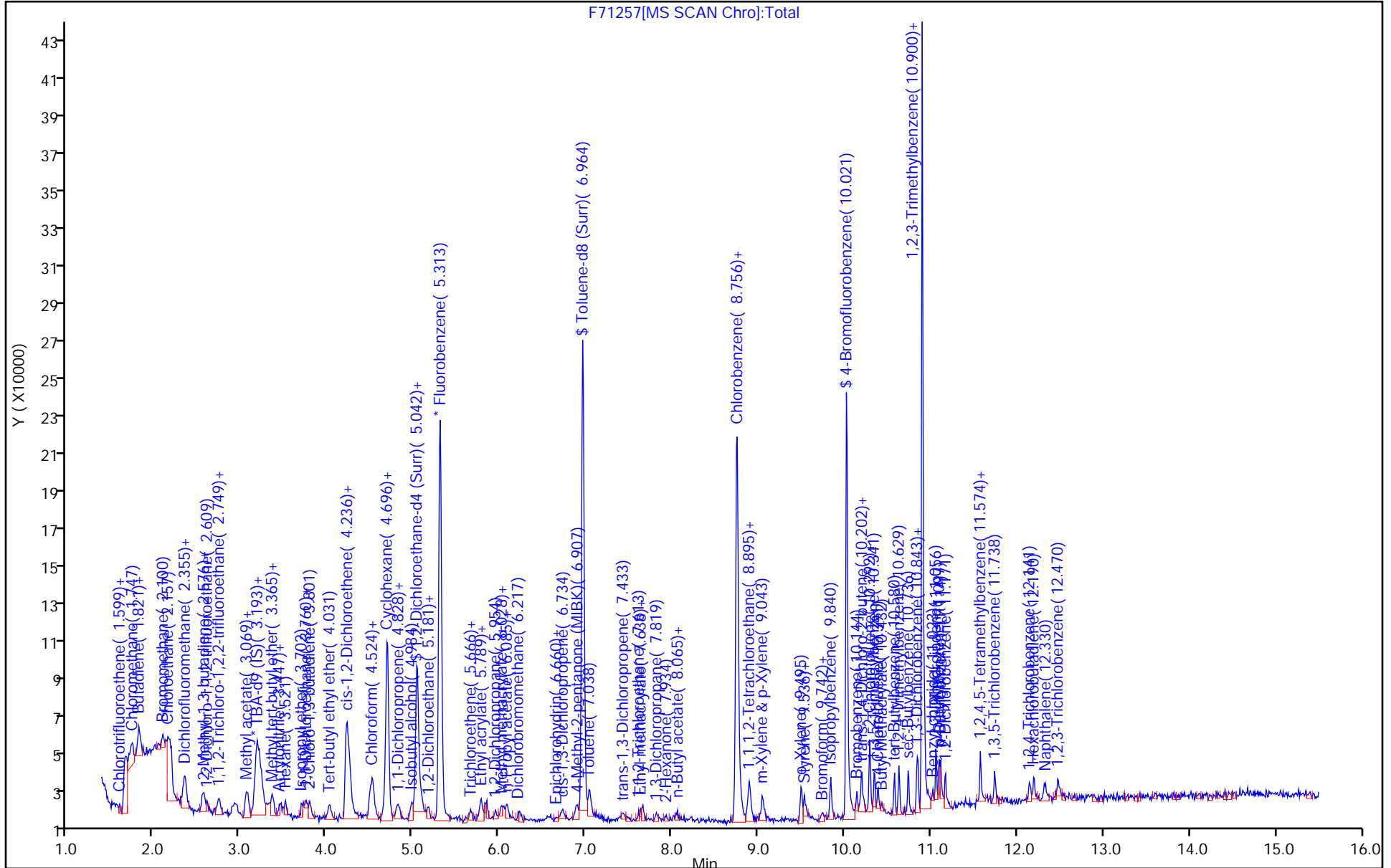
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

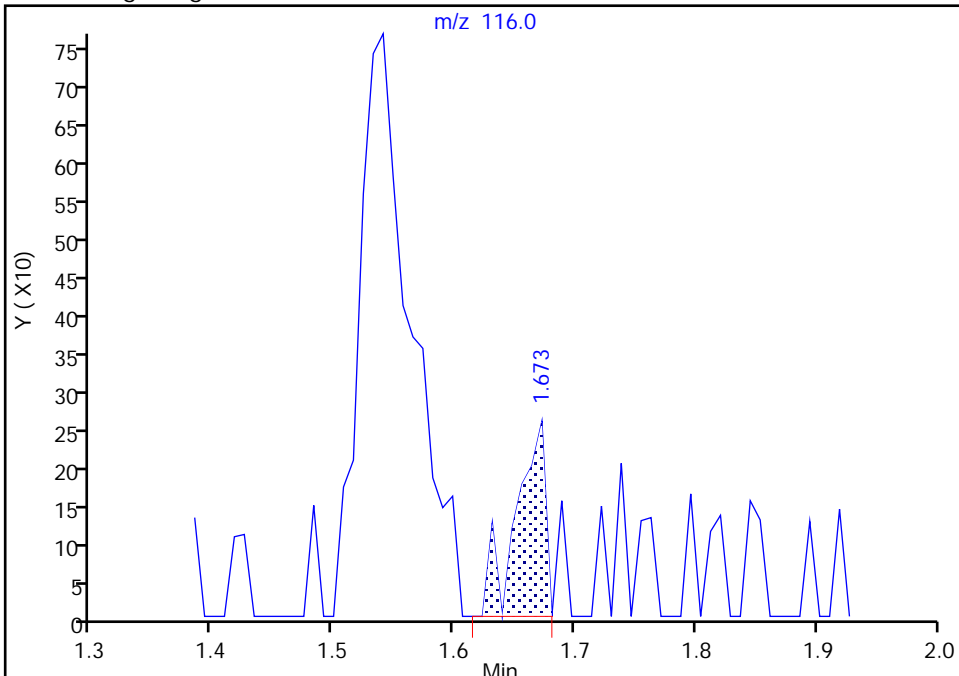
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

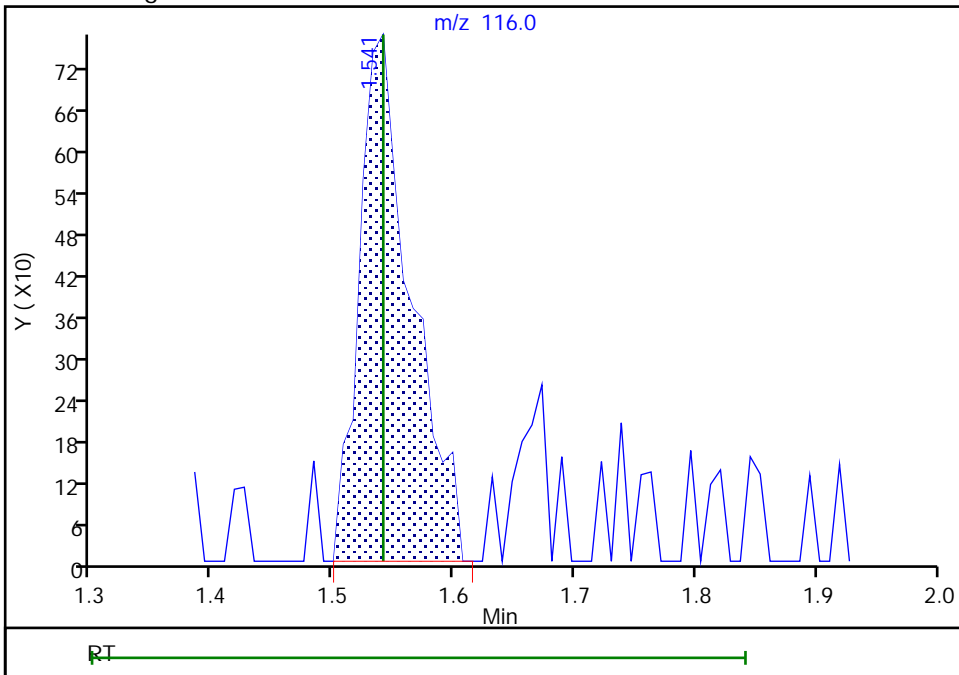
RT: 1.67  
Area: 425  
Amount: 0.294791  
Amount Units: ug/l

Processing Integration Results



RT: 1.54  
Area: 2266  
Amount: 0.994909  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:53:34  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260624W6  
Column: Rtx-624 ( 0.25 mm)

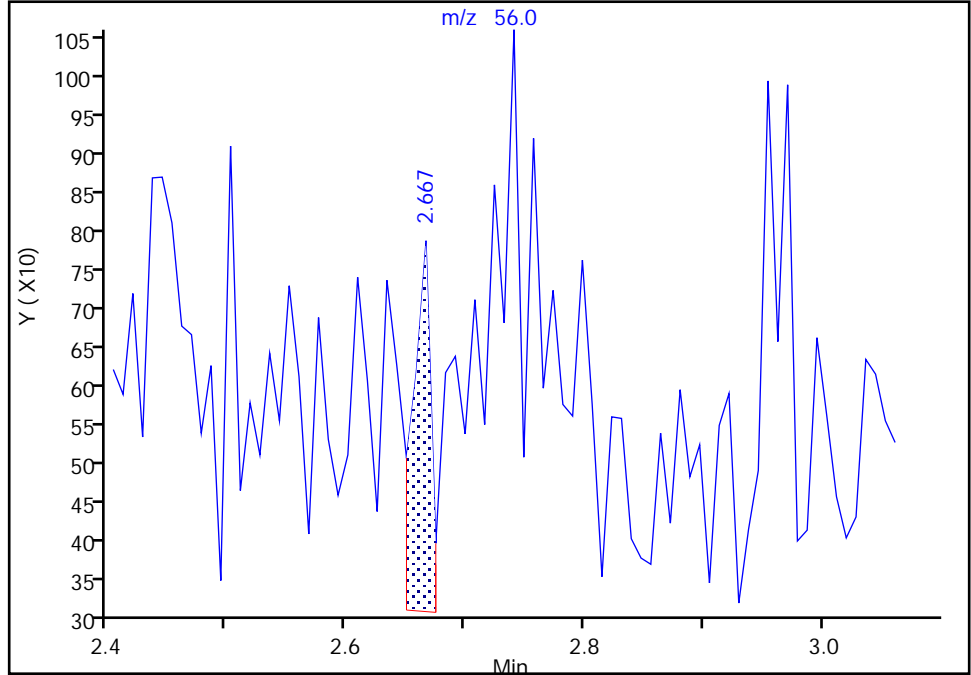
ALS Bottle#: 3 Worklist Smp#: 4  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260C Water and Solid  
Detector MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

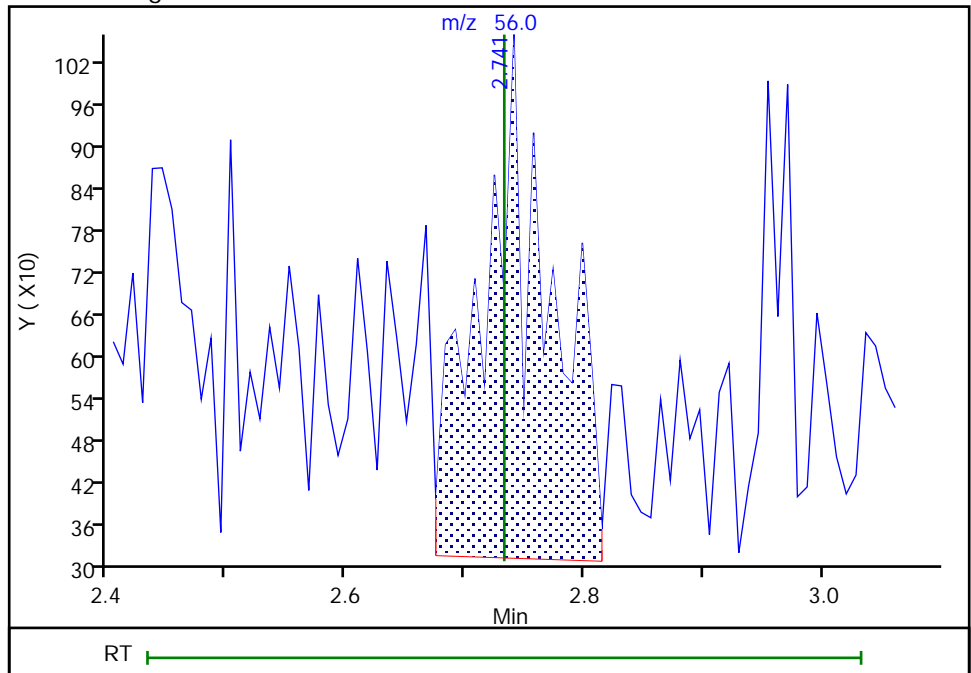
RT: 2.67  
Area: 528  
Amount: 1.001793  
Amount Units: ug/l

Processing Integration Results



RT: 2.74  
Area: 2963  
Amount: 5.263457  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

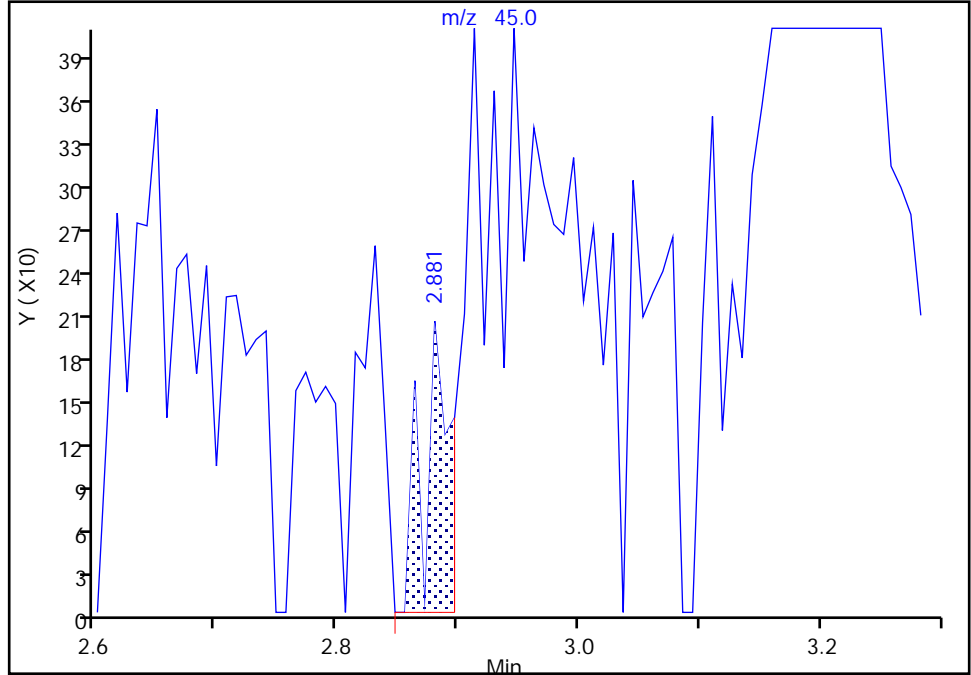
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

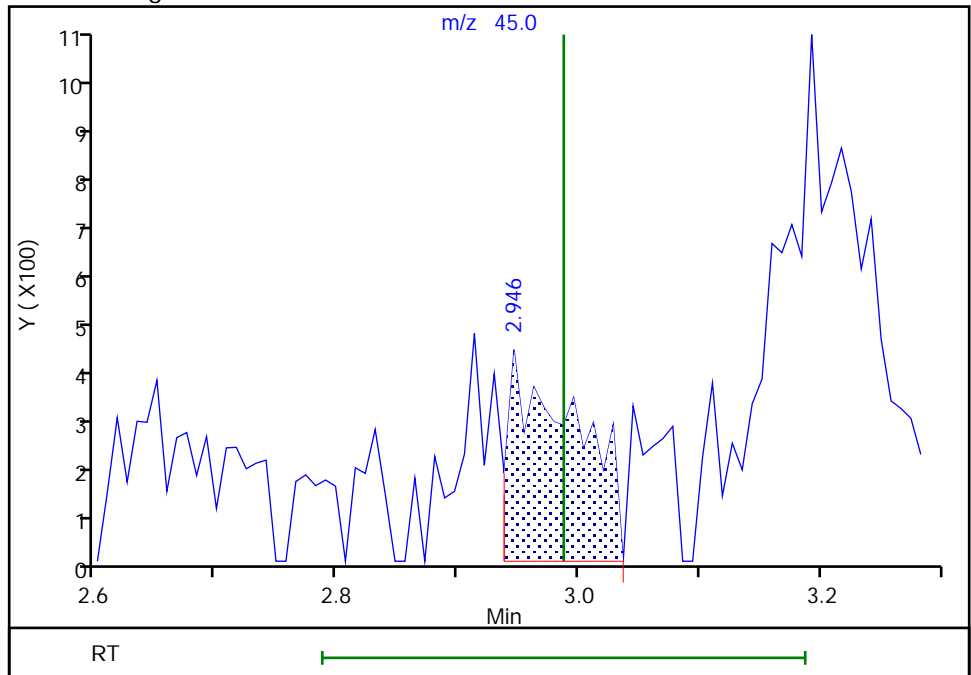
RT: 2.88  
Area: 310  
Amount: 1.315892  
Amount Units: ug/l

Processing Integration Results



RT: 2.95  
Area: 1610  
Amount: 10.565498  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:36:47  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

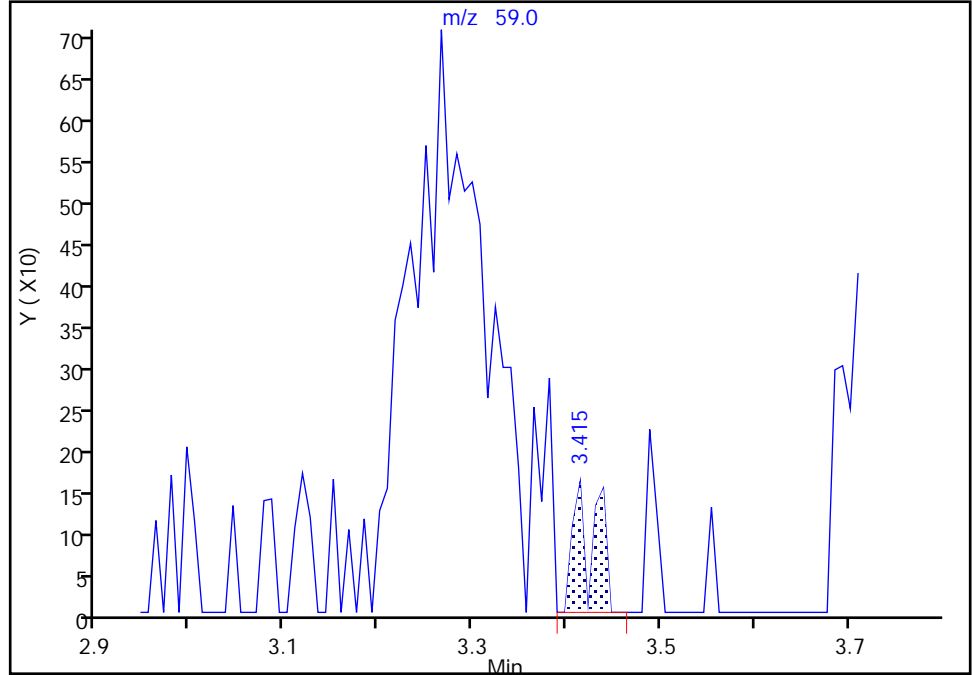
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

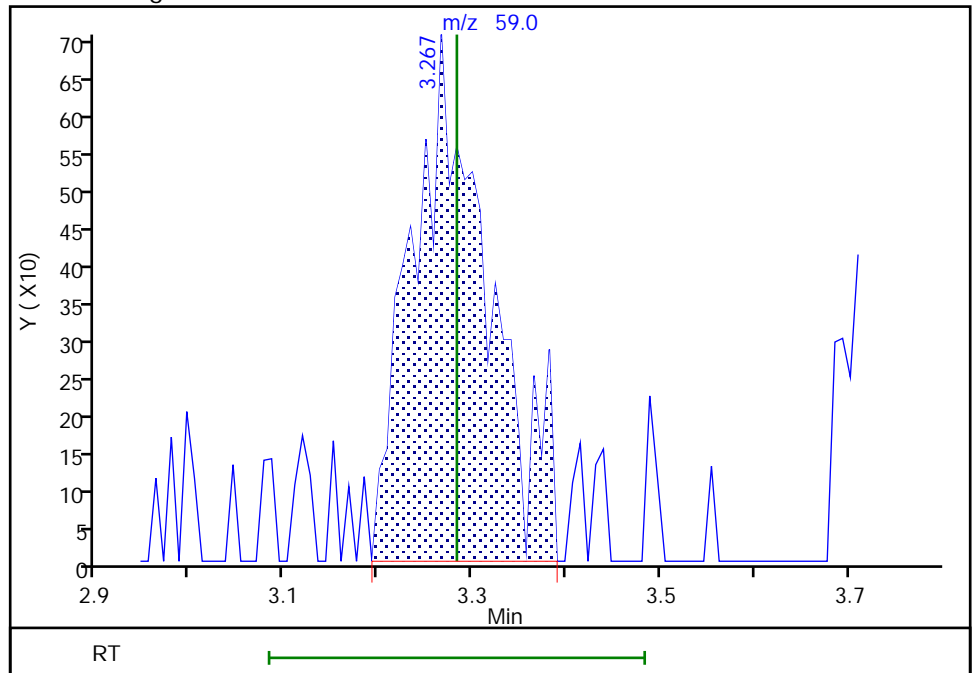
RT: 3.41  
Area: 267  
Amount: 0.777350  
Amount Units: ug/l

Processing Integration Results



RT: 3.27  
Area: 4006  
Amount: 11.449899  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:54:12  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



TestAmerica Edison

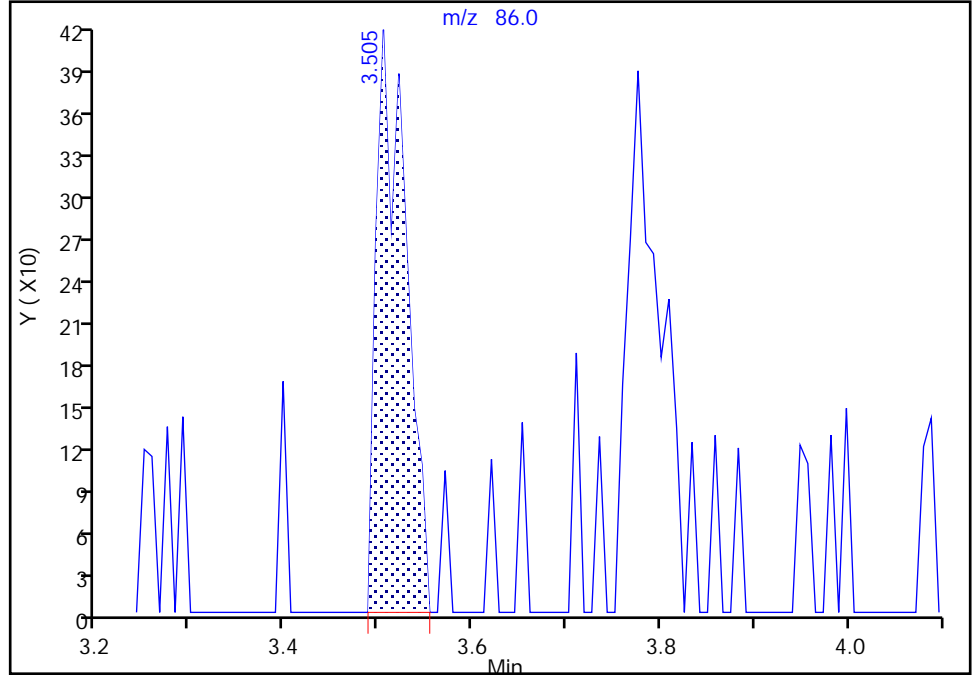
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

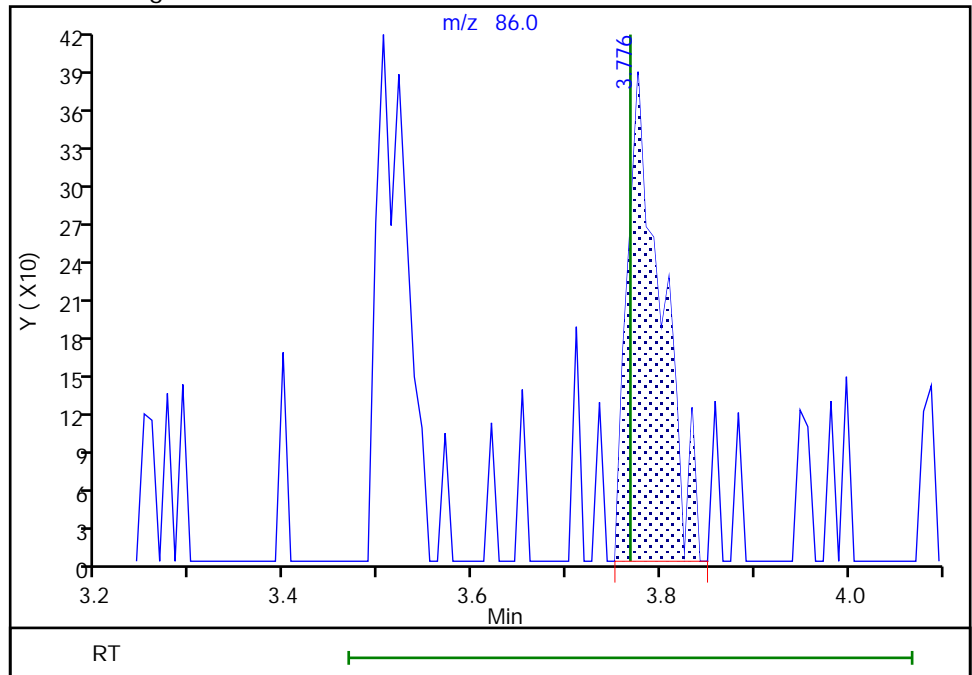
RT: 3.50  
Area: 900  
Amount: 1.594650  
Amount Units: ug/l

Processing Integration Results



RT: 3.78  
Area: 972  
Amount: 1.704106  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260624W6  
Column: Rtx-624 ( 0.25 mm)

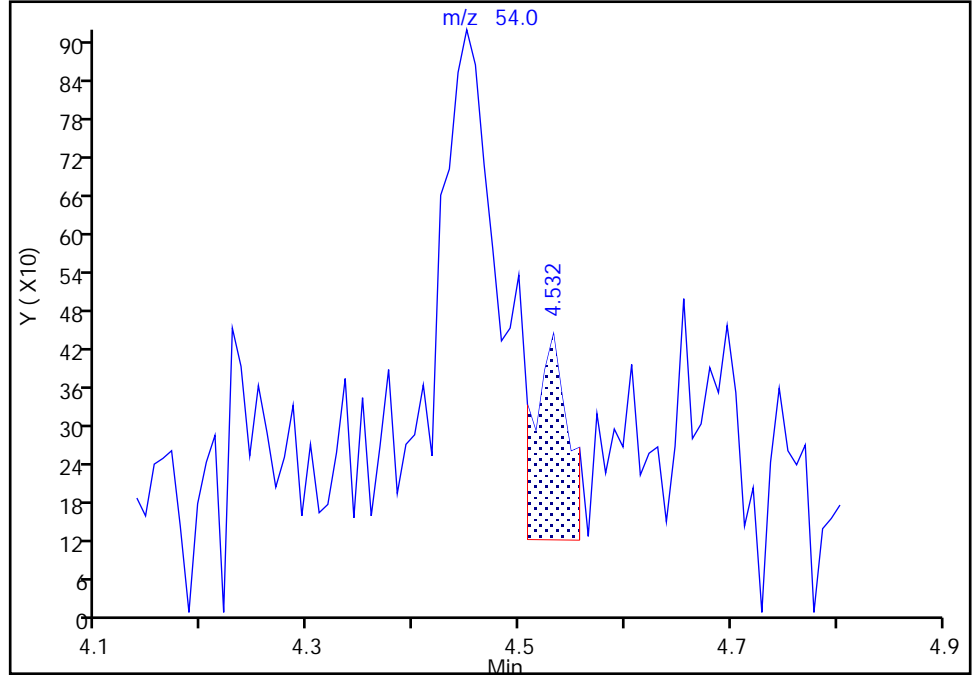
ALS Bottle#: 3 Worklist Smp#: 4  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260C Water and Solid  
Detector: MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

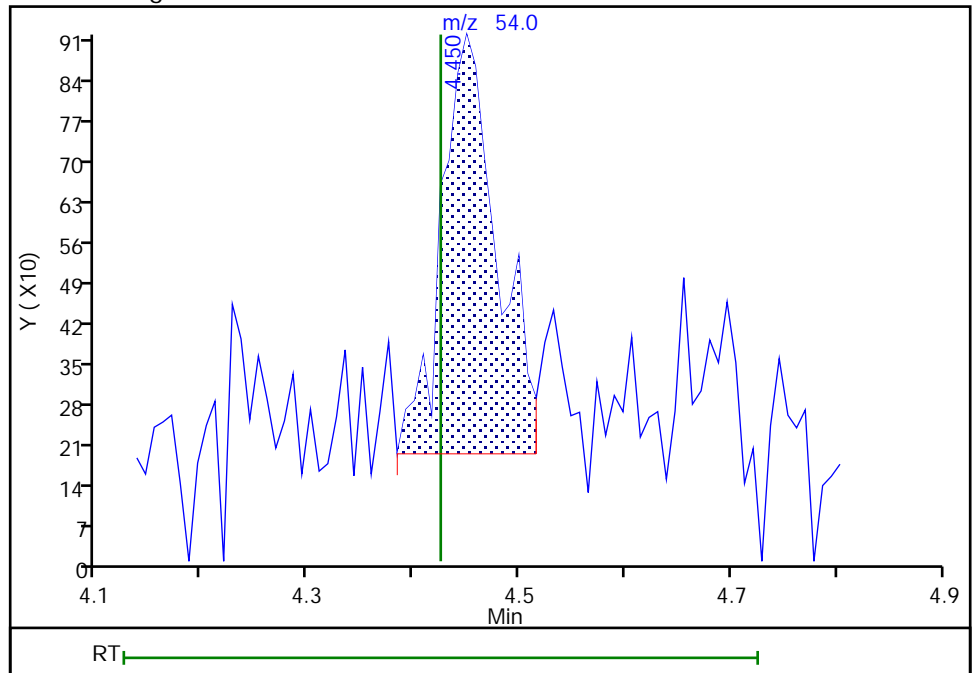
RT: 4.53  
Area: 726  
Amount: 1.482560  
Amount Units: ug/l

Processing Integration Results



RT: 4.45  
Area: 2664  
Amount: 6.912598  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:37:54  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

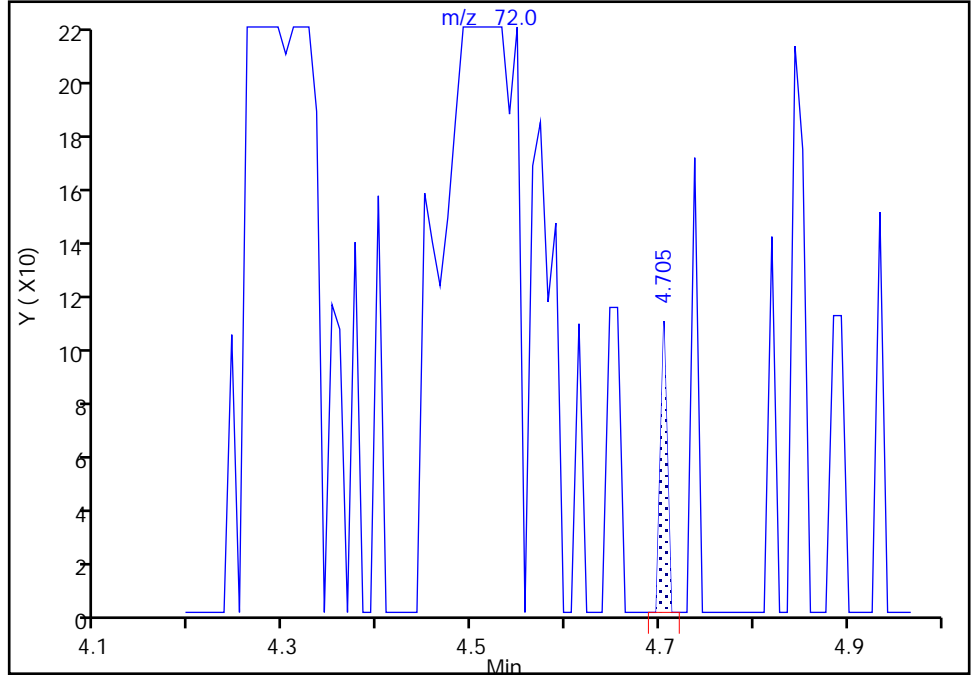
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

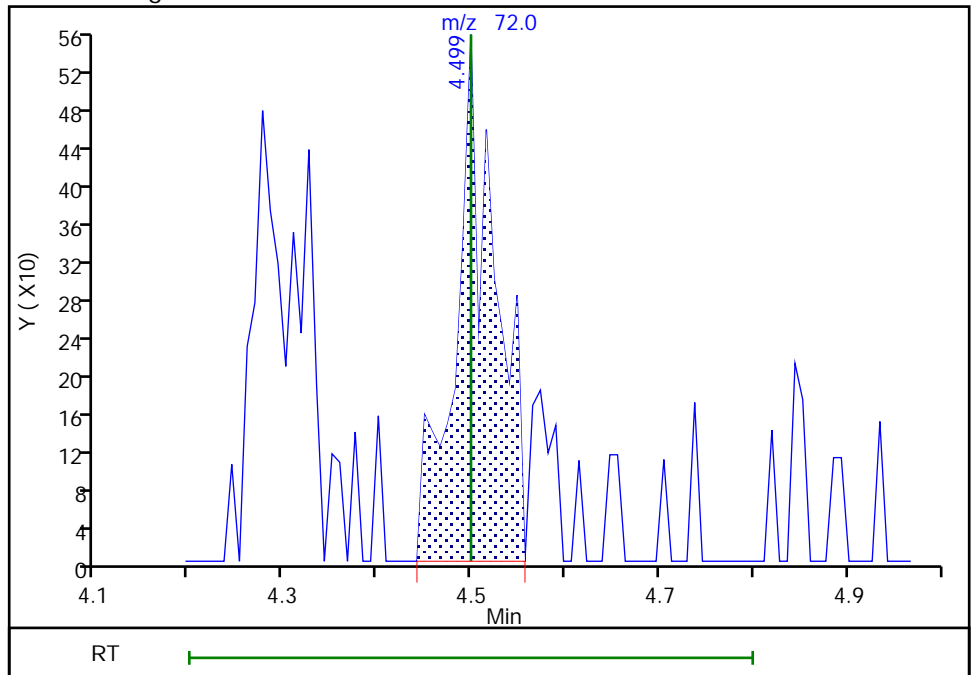
RT: 4.70  
Area: 53  
Amount: 0.223915  
Amount Units: ug/l

Processing Integration Results



RT: 4.50  
Area: 1636  
Amount: 4.269323  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:54:38  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

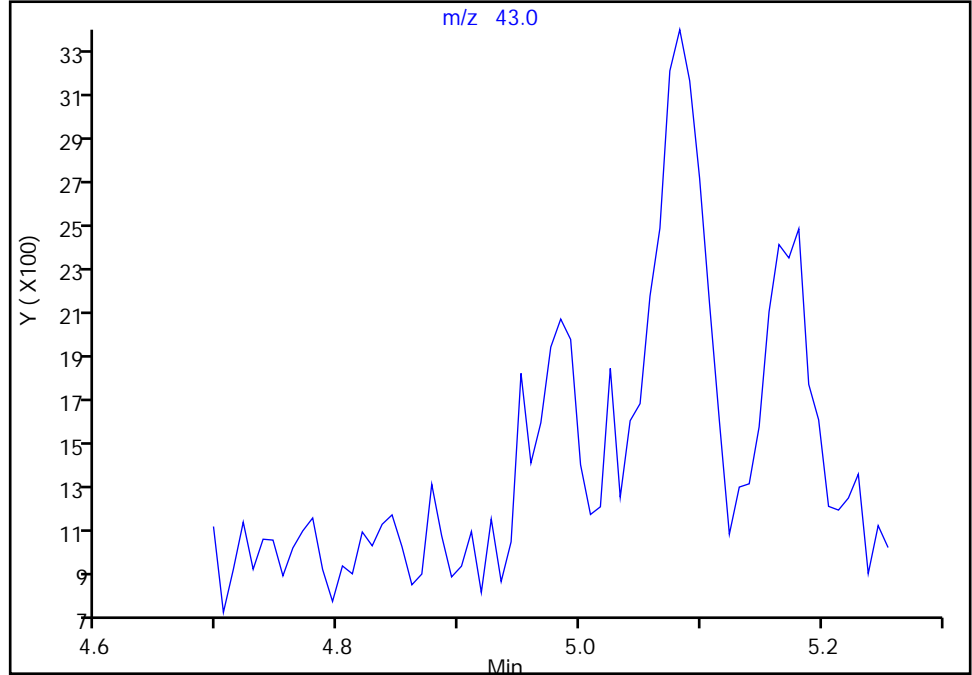
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

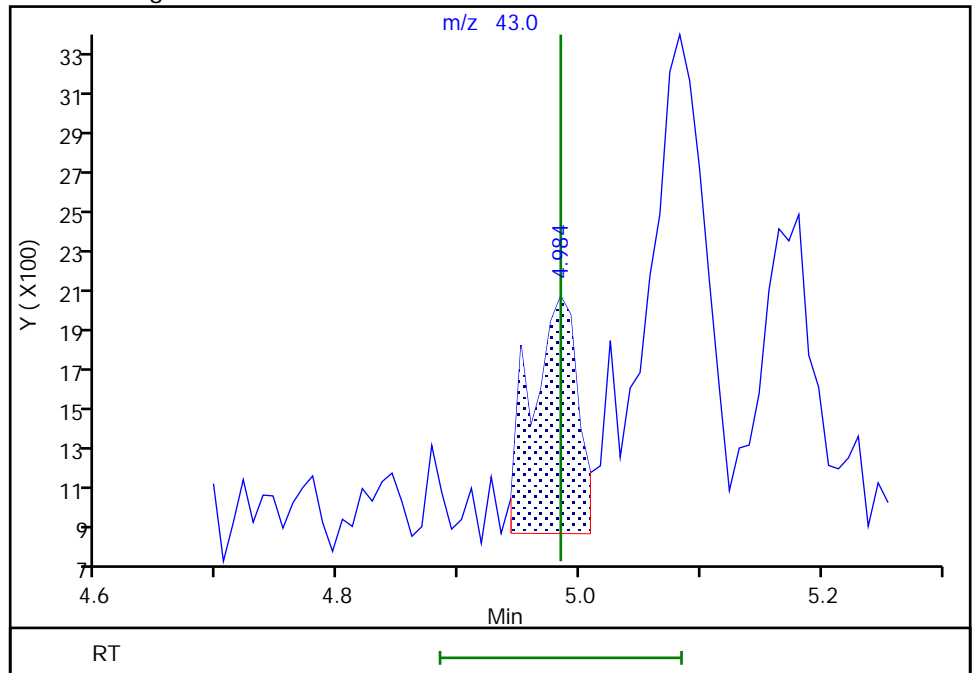
Not Detected  
Expected RT: 4.98

Processing Integration Results



RT: 4.98  
Area: 3264  
Amount: 17.091444  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:54:49  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

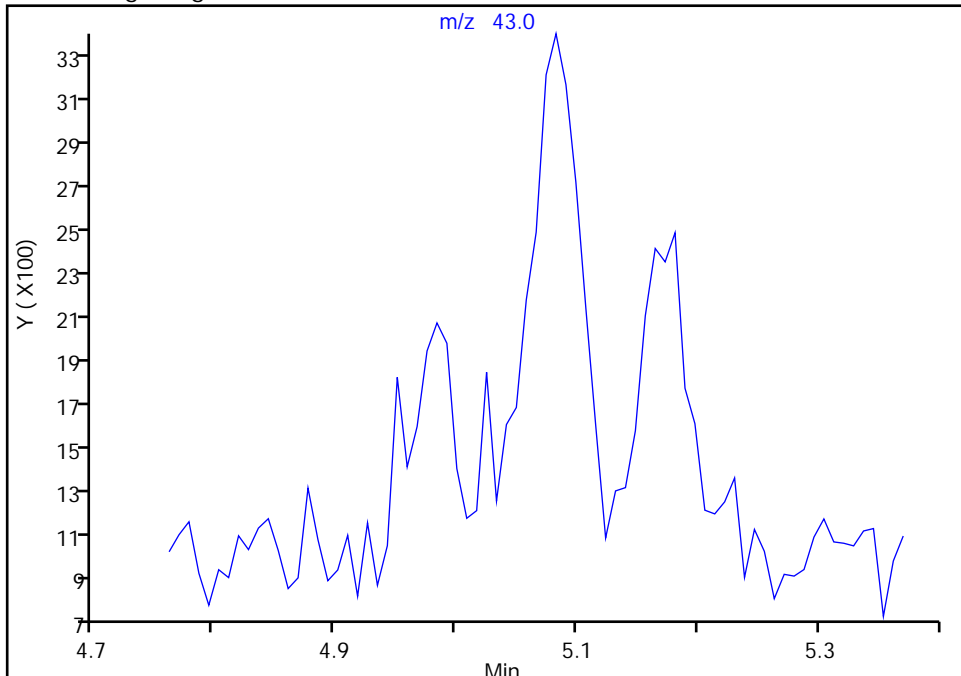
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

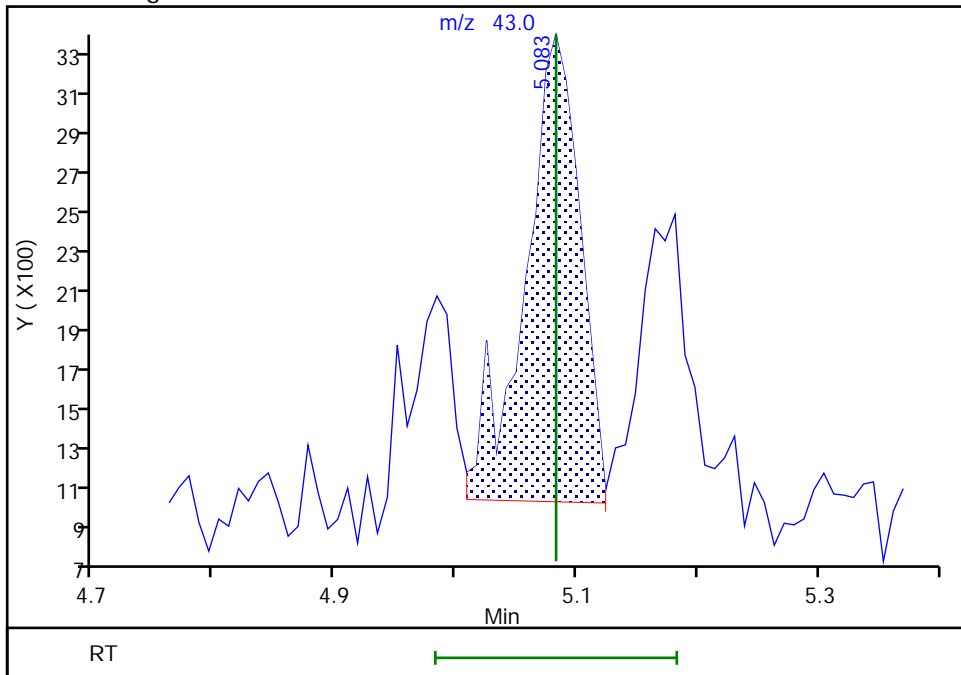
Signal: 1

Not Detected  
Expected RT: 5.08

Processing Integration Results



Manual Integration Results



RT: 5.08  
Area: 7515  
Amount: 0.915384  
Amount Units: ug/l

TestAmerica Edison

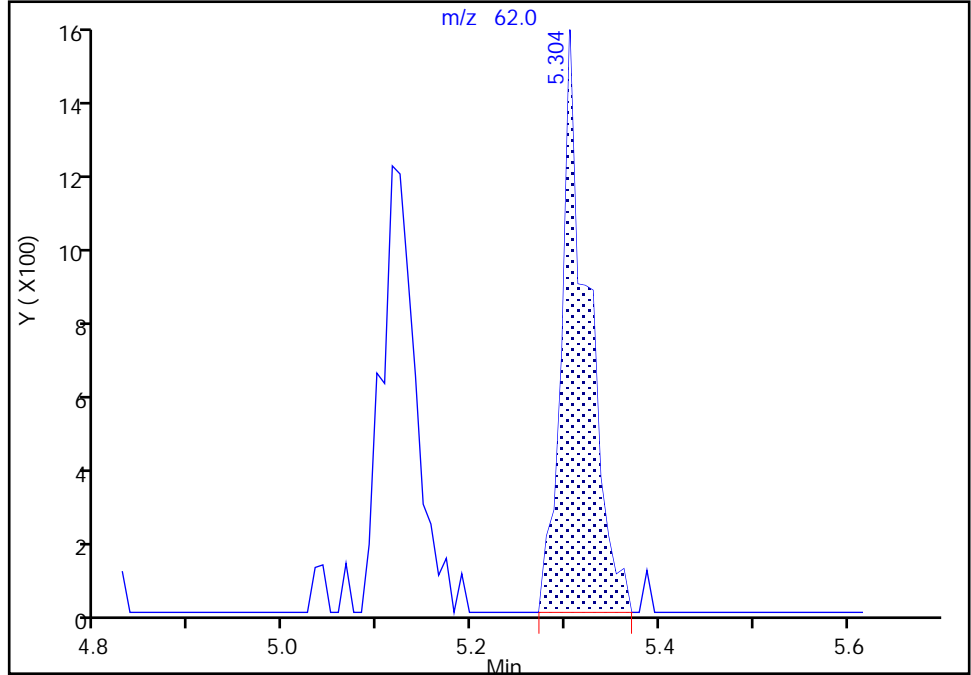
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

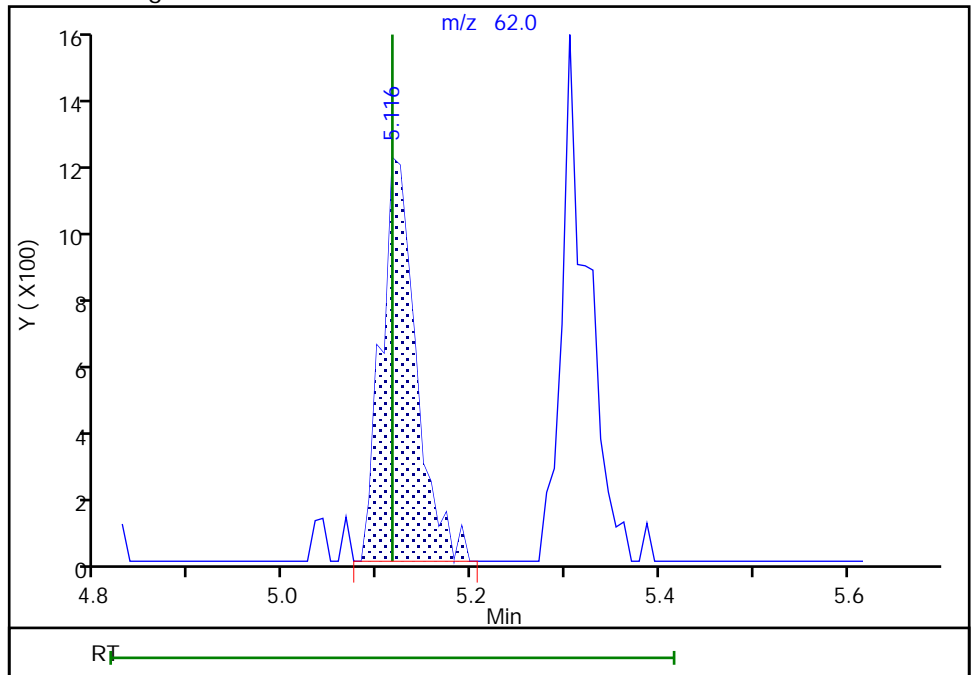
RT: 5.30  
Area: 3073  
Amount: 0.905053  
Amount Units: ug/l

Processing Integration Results



RT: 5.12  
Area: 3112  
Amount: 0.914788  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:38:25  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

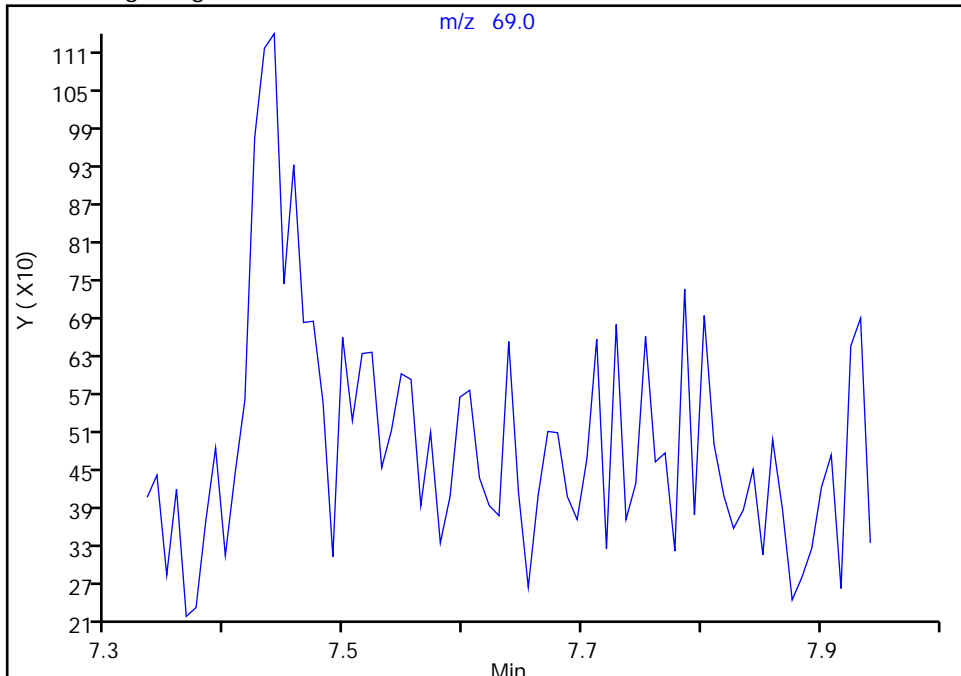
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

81 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

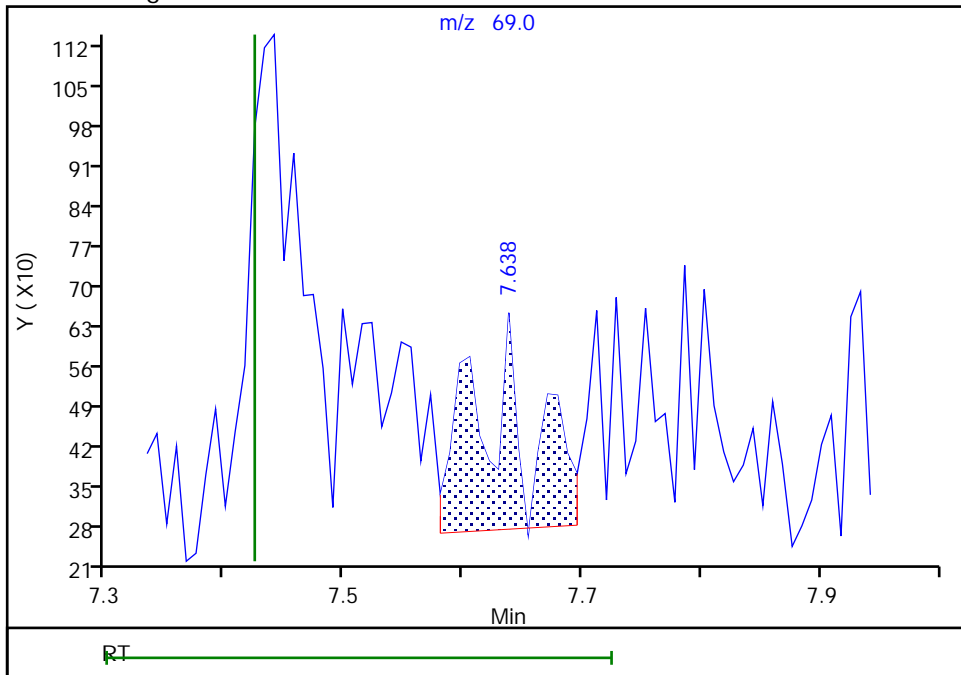
Not Detected  
Expected RT: 7.42

Processing Integration Results



RT: 7.64  
Area: 1238  
Amount: 0.385218  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:55:26  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

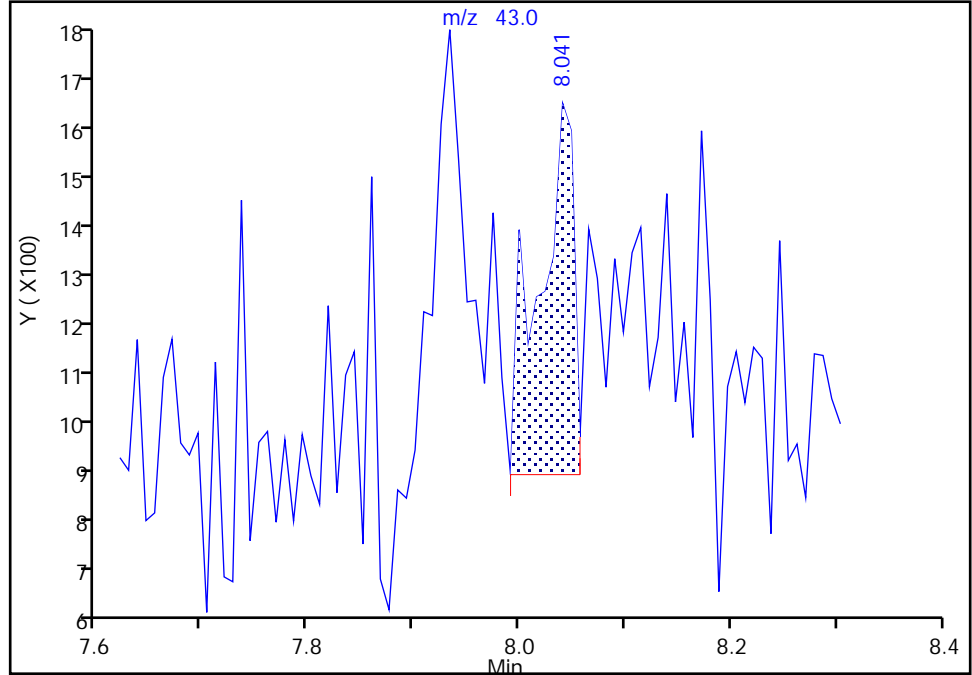
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

85 2-Hexanone, CAS: 591-78-6

Signal: 1

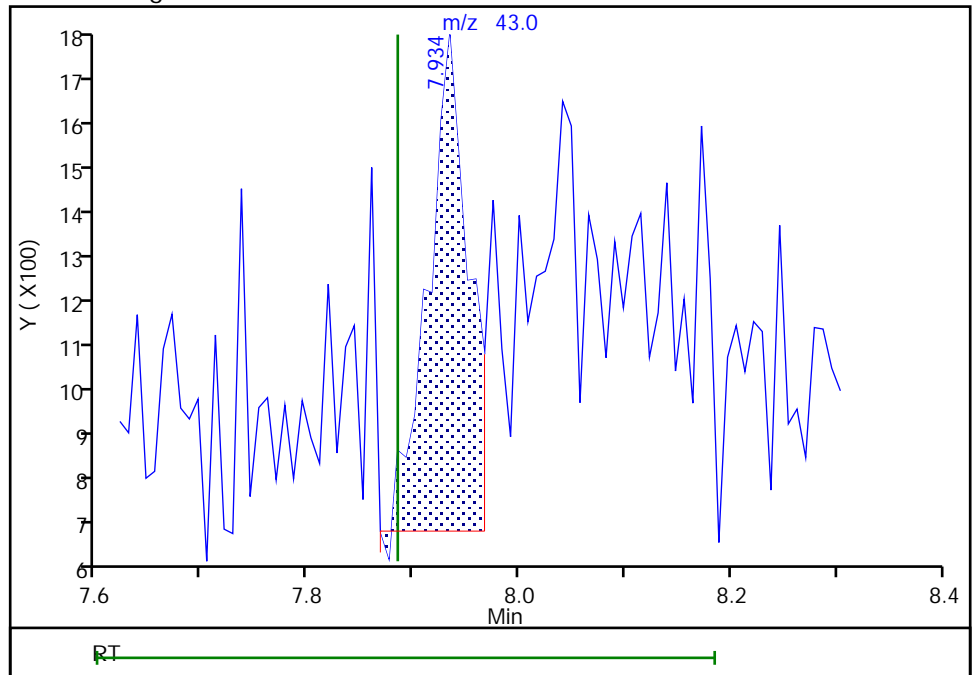
RT: 8.04  
Area: 1537  
Amount: 1.068485  
Amount Units: ug/l

Processing Integration Results



RT: 7.93  
Area: 2684  
Amount: 5.044899  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:45:51  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



TestAmerica Edison

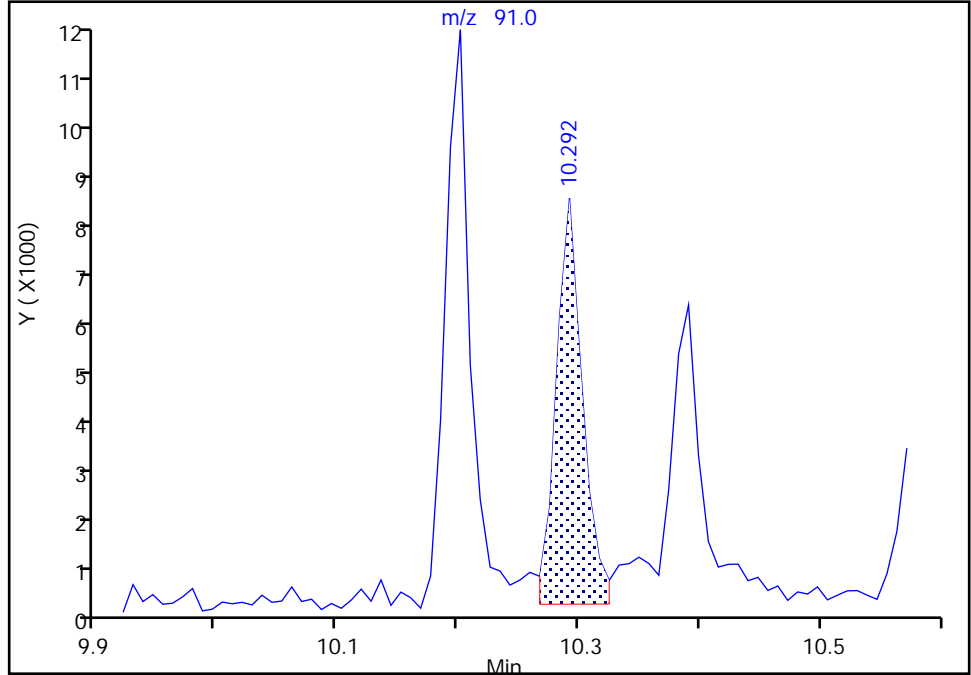
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

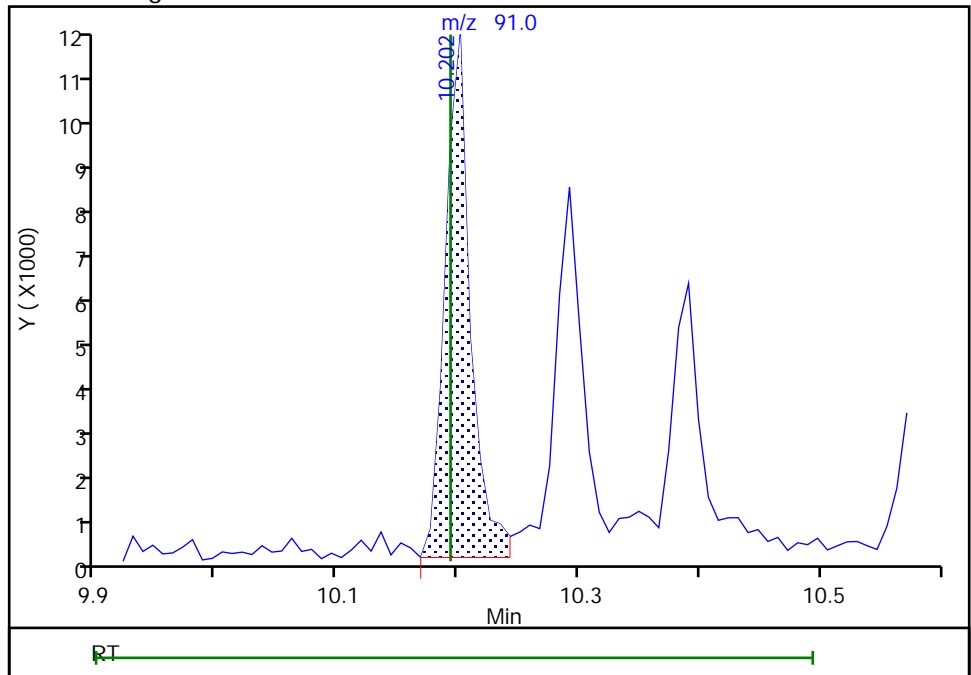
RT: 10.29  
Area: 11759  
Amount: 0.639692  
Amount Units: ug/l

Processing Integration Results



RT: 10.20  
Area: 16066  
Amount: 0.959334  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:57:07  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

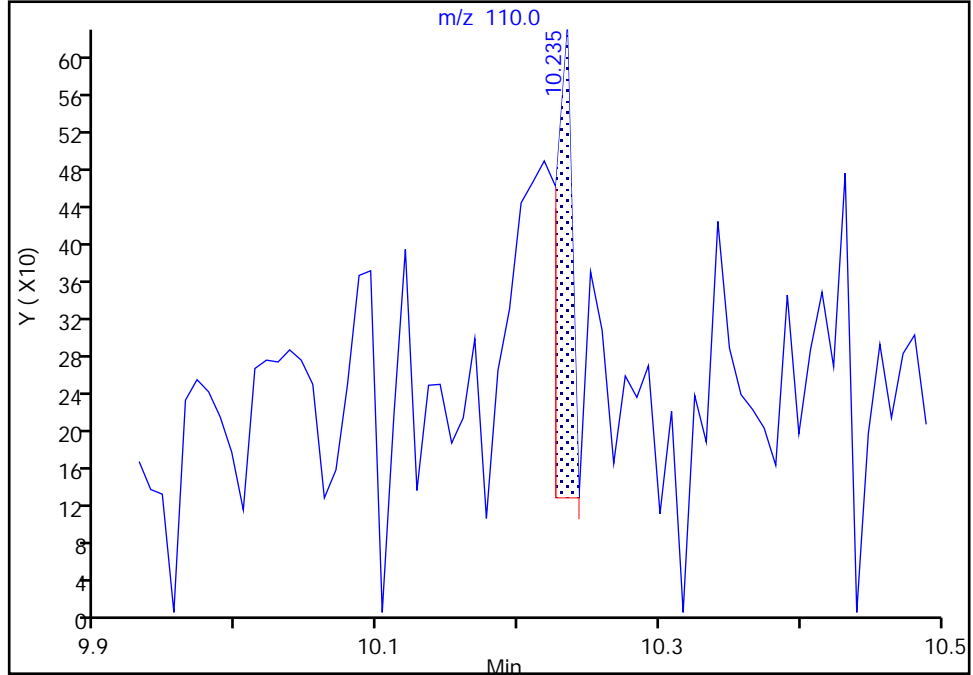
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

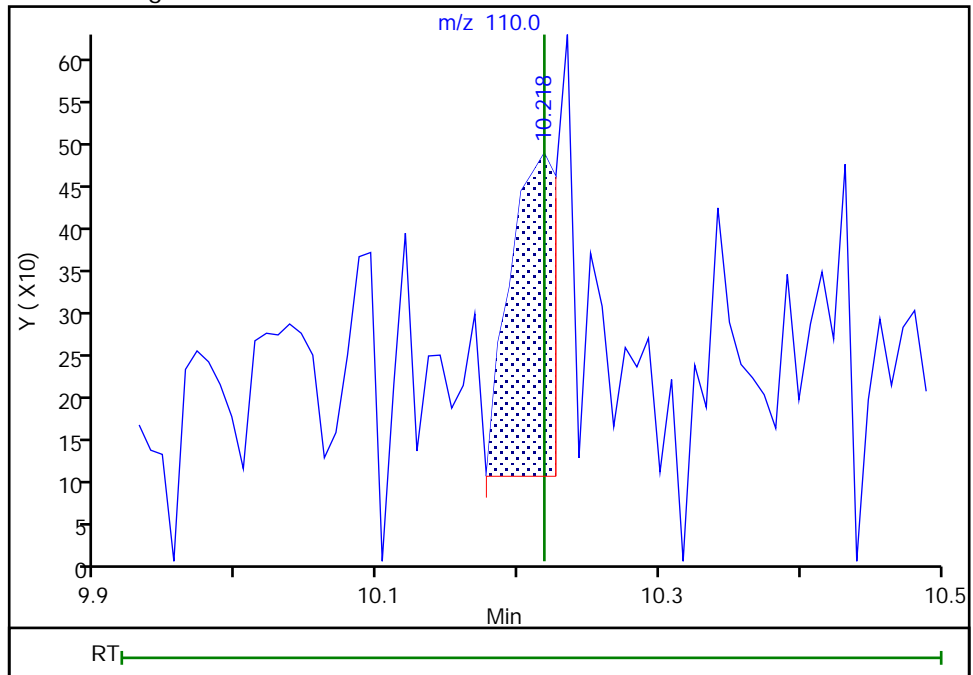
RT: 10.23  
Area: 413  
Amount: 0.495731  
Amount Units: ug/l

Processing Integration Results



RT: 10.22  
Area: 899  
Amount: 0.983467  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 14:26:15  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

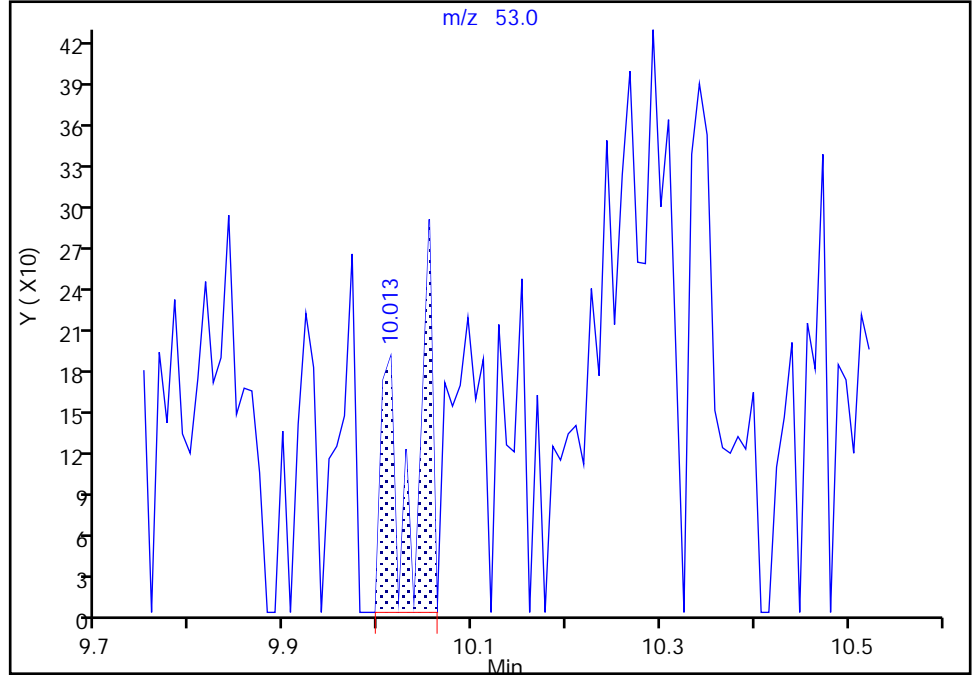
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

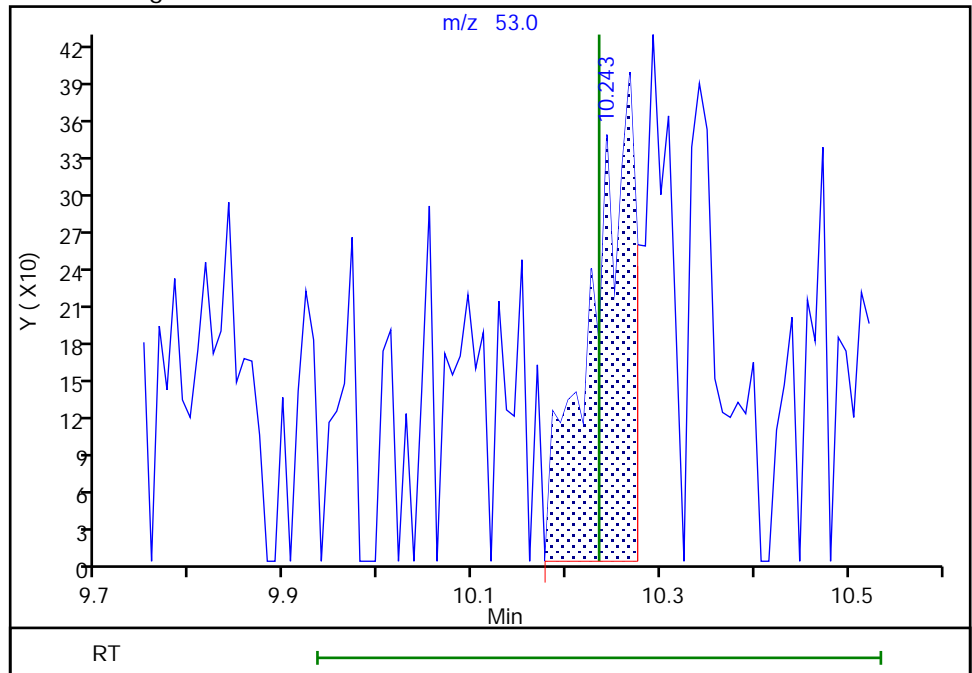
RT: 10.01  
Area: 439  
Amount: 0.485259  
Amount Units: ug/l

Processing Integration Results



RT: 10.24  
Area: 1240  
Amount: 1.522288  
Amount Units: ug/l

Manual Integration Results



Reviewer: pakanatir, 01-Oct-2018 13:48:16  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

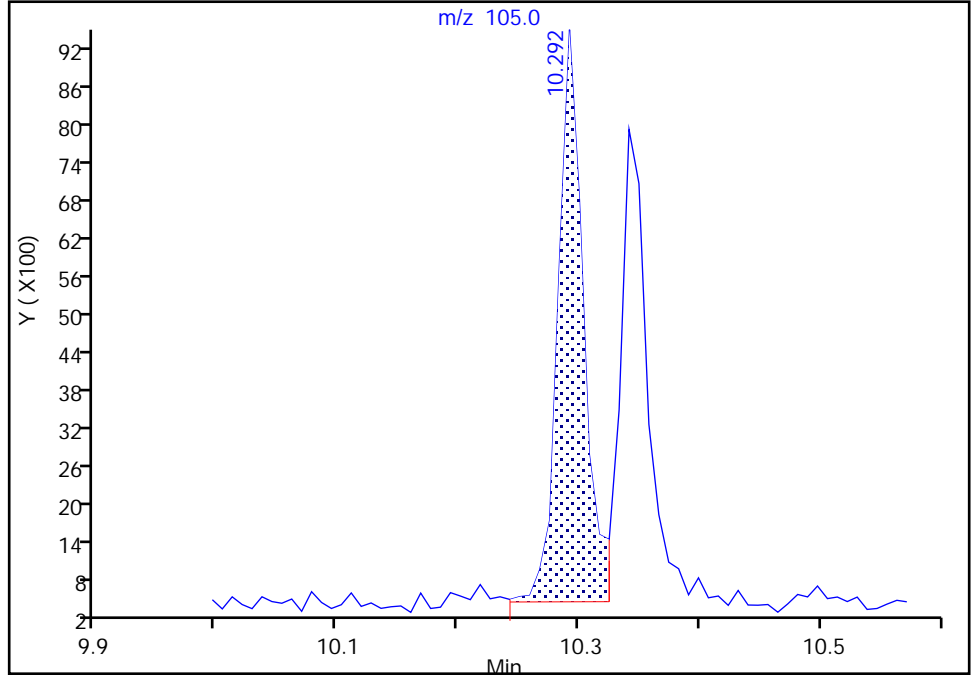
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

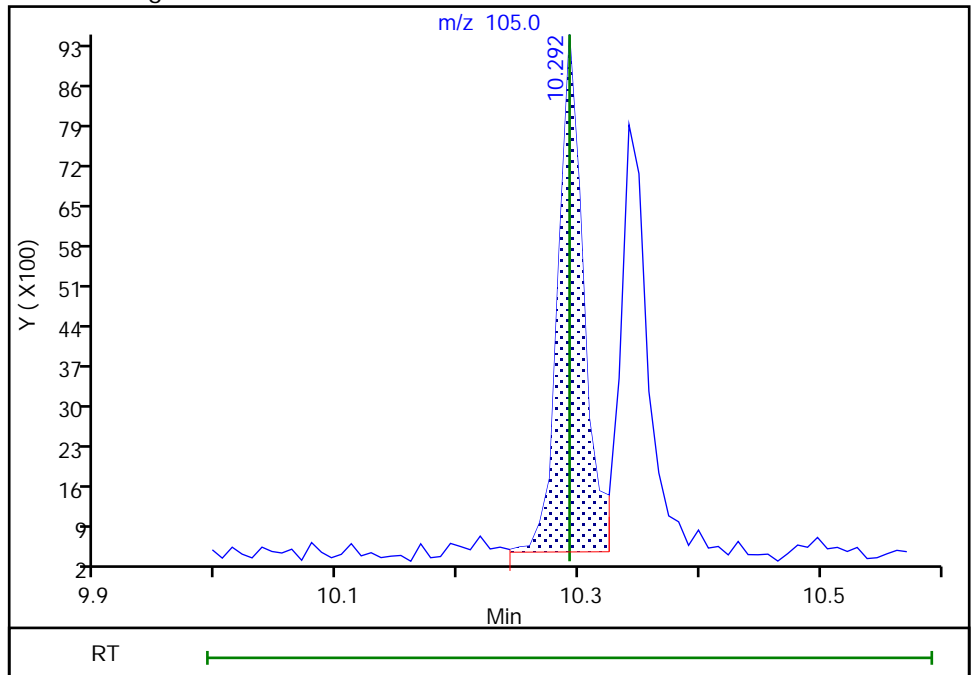
RT: 10.29  
Area: 13502  
Amount: 0.939262  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
Area: 13526  
Amount: 0.972975  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

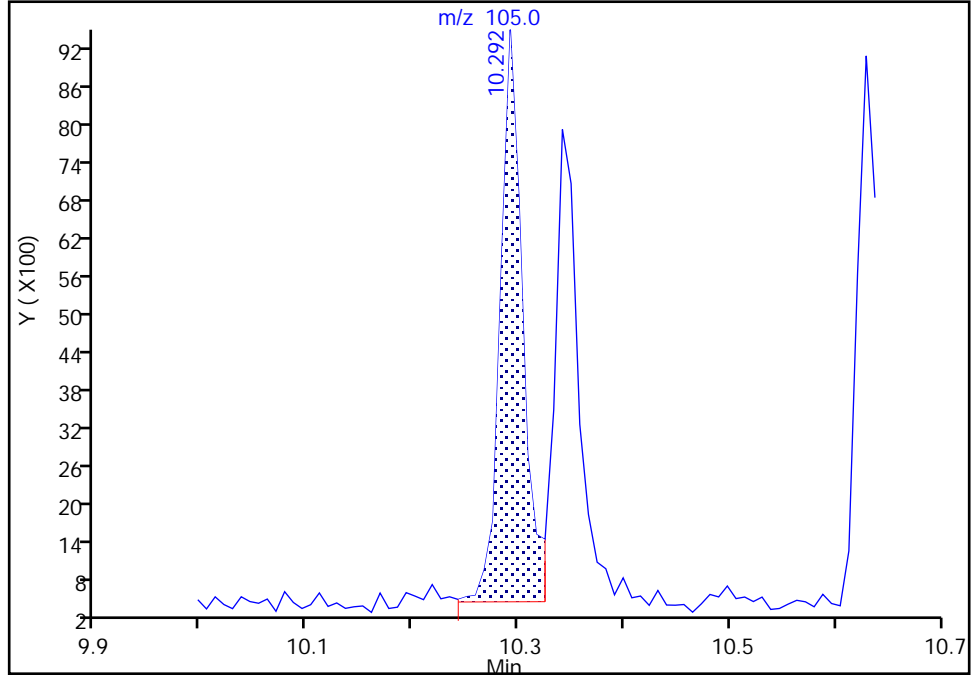
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

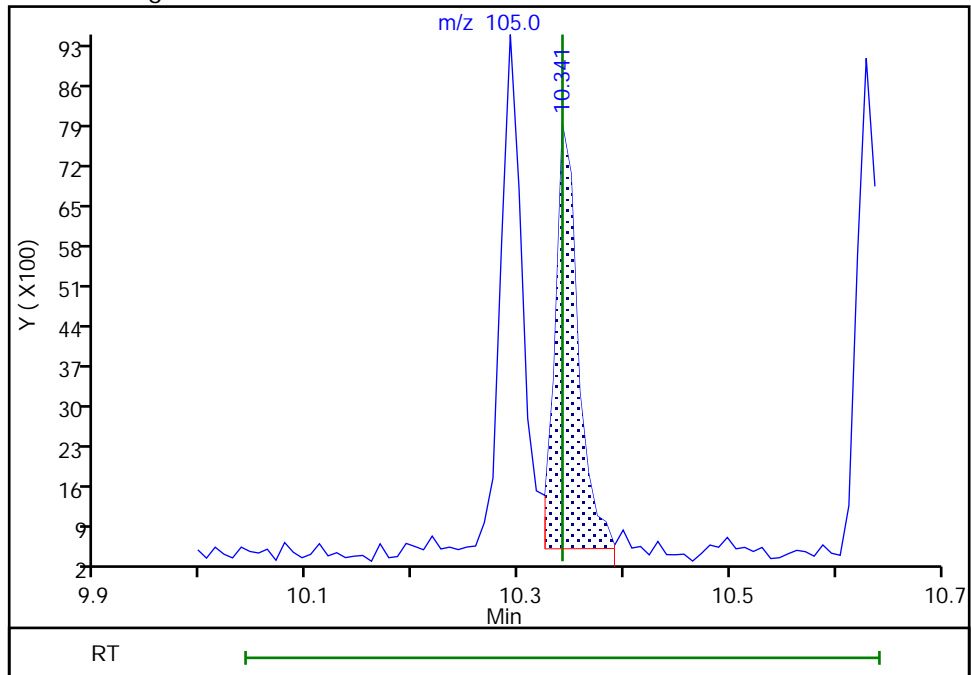
RT: 10.29  
Area: 13502  
Amount: 1.037730  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 11442  
Amount: 0.924731  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

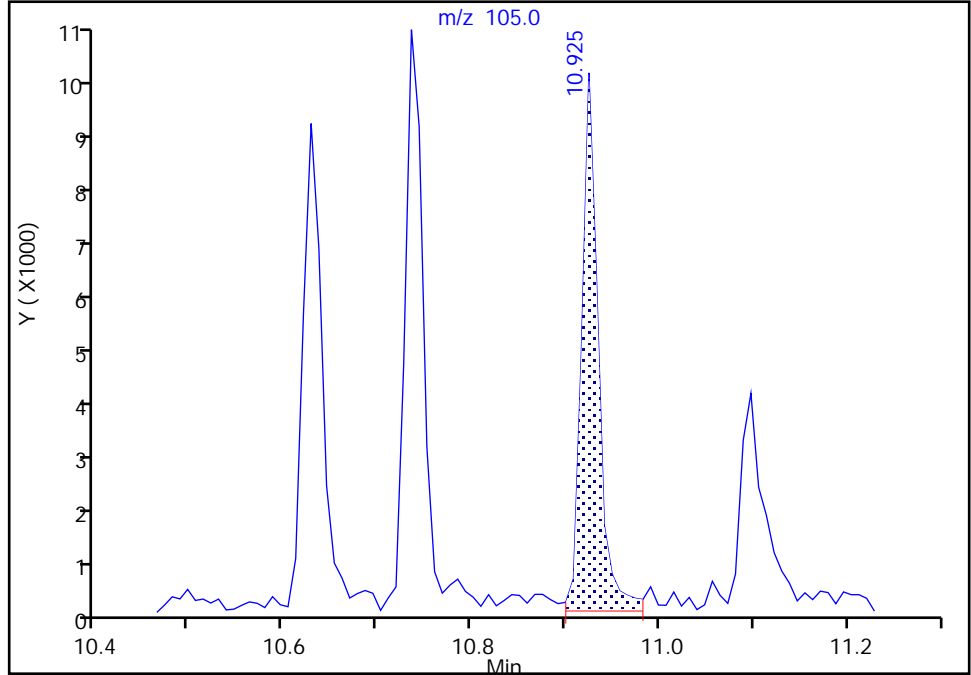
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Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

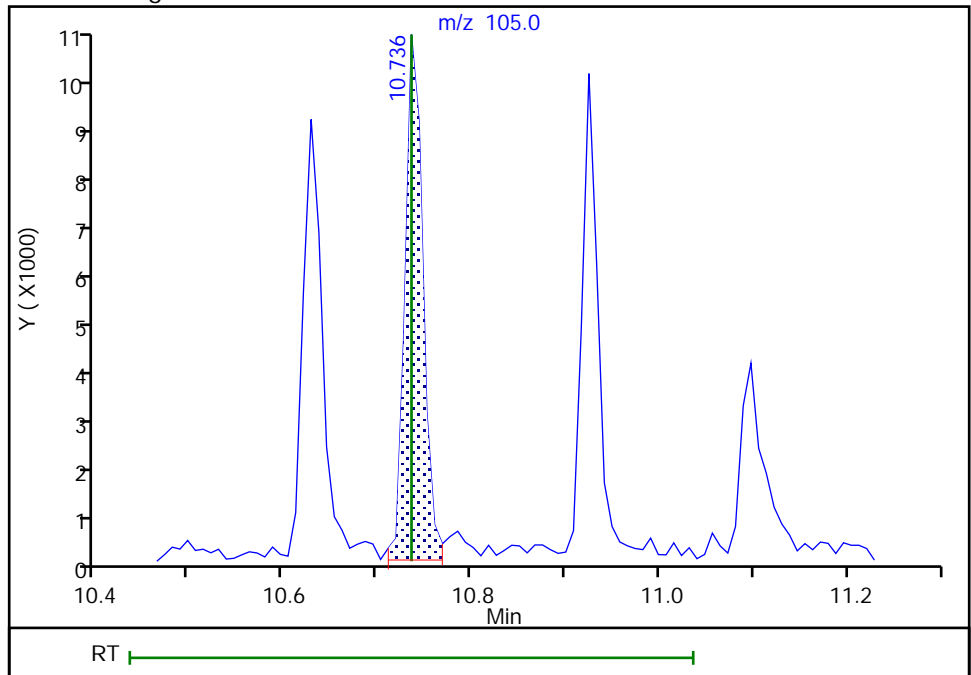
RT: 10.92  
Area: 11987  
Amount: 0.808666  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 14031  
Amount: 0.925293  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:17:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

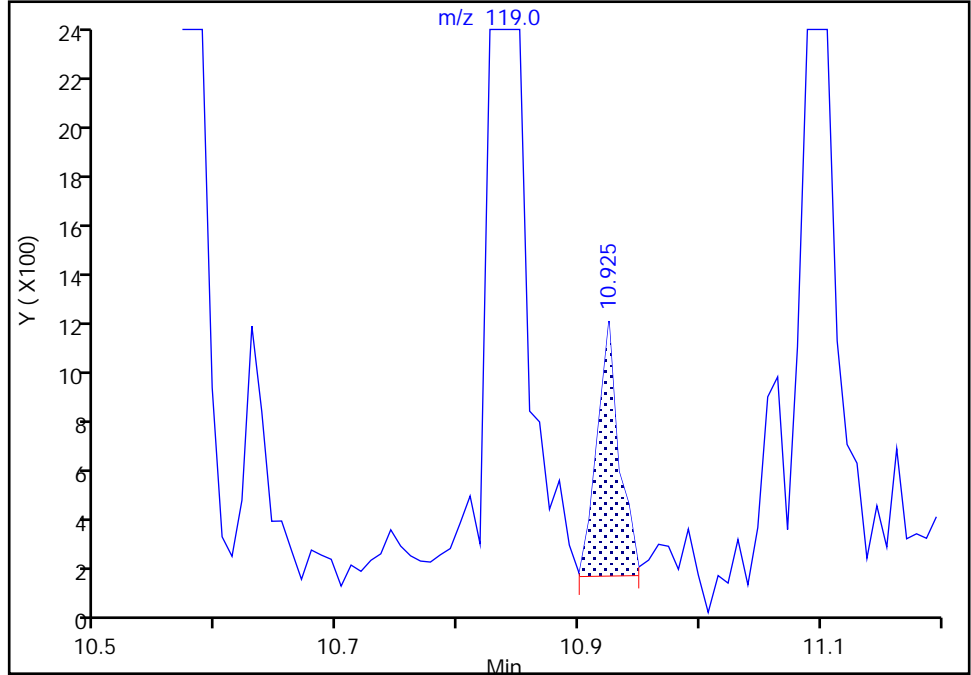
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

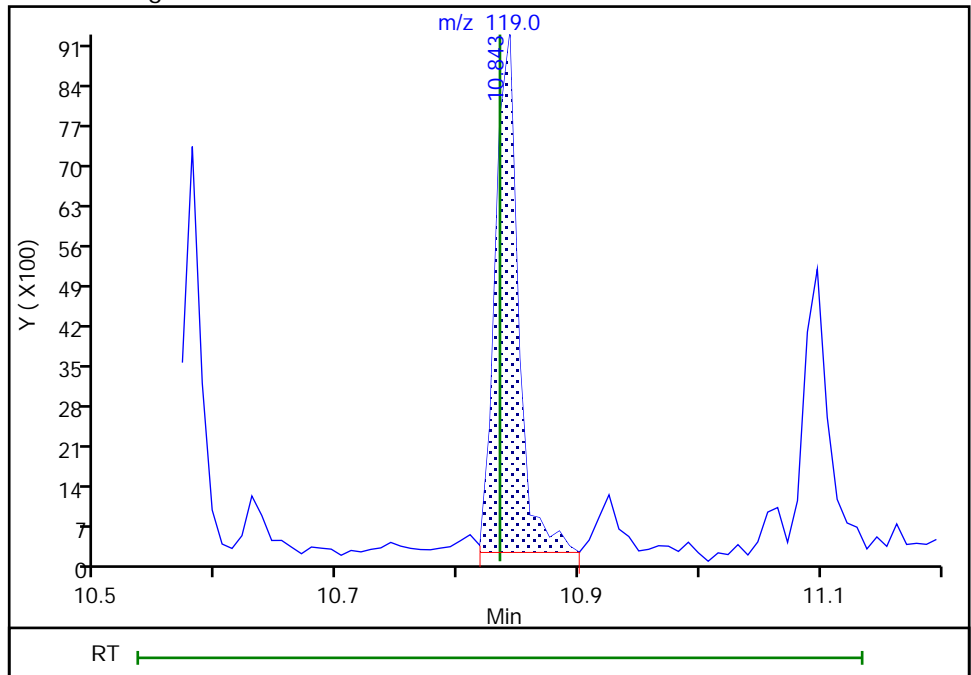
RT: 10.92  
Area: 1294  
Amount: 0.102666  
Amount Units: ug/l

Processing Integration Results



RT: 10.84  
Area: 12030  
Amount: 0.920604  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:18:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

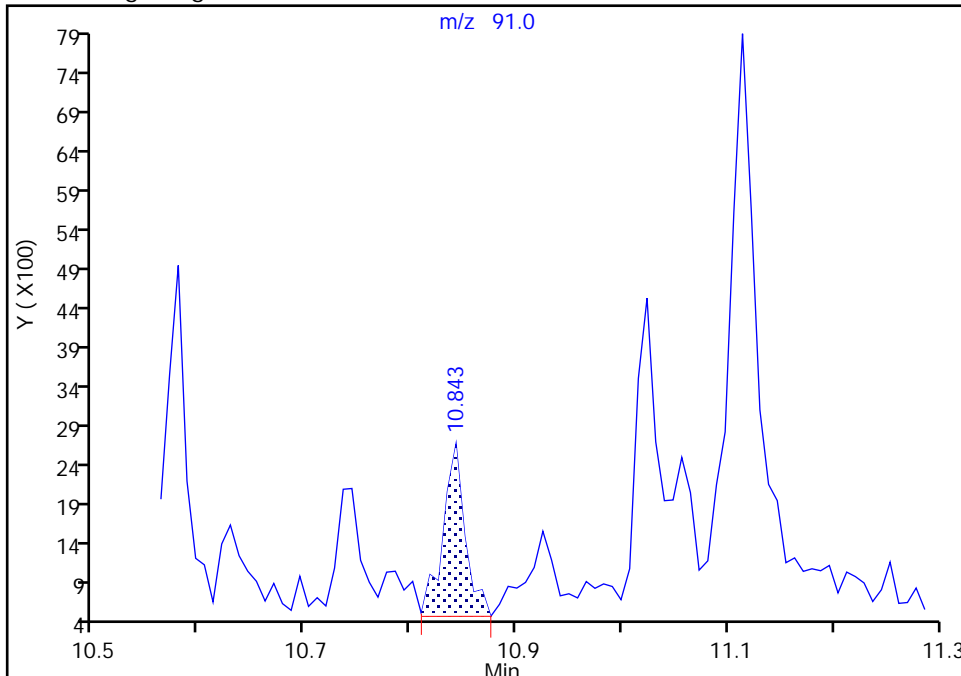
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Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

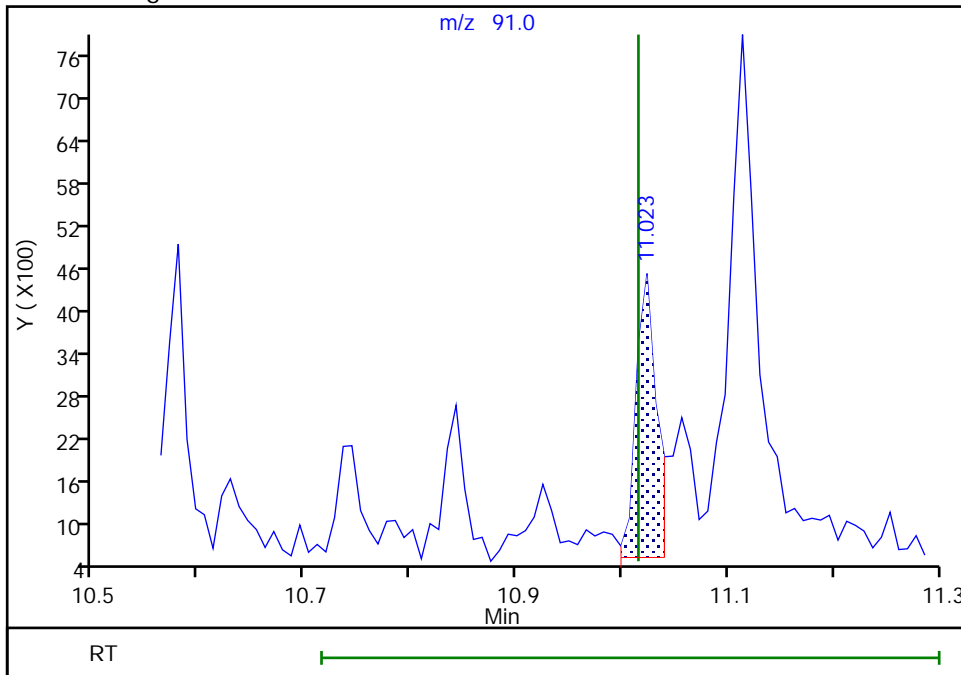
RT: 10.84  
Area: 3175  
Amount: 0.416522  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 5539  
Amount: 0.840593  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:18:09  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



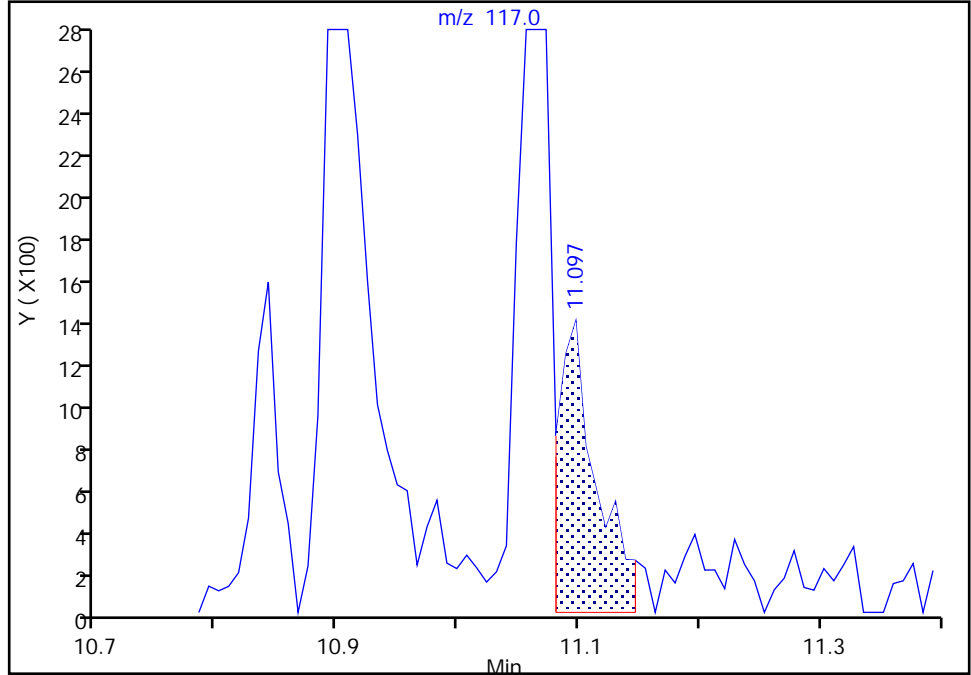
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

119 2,3-Dihydroindene, CAS: 496-11-7  
Signal: 1

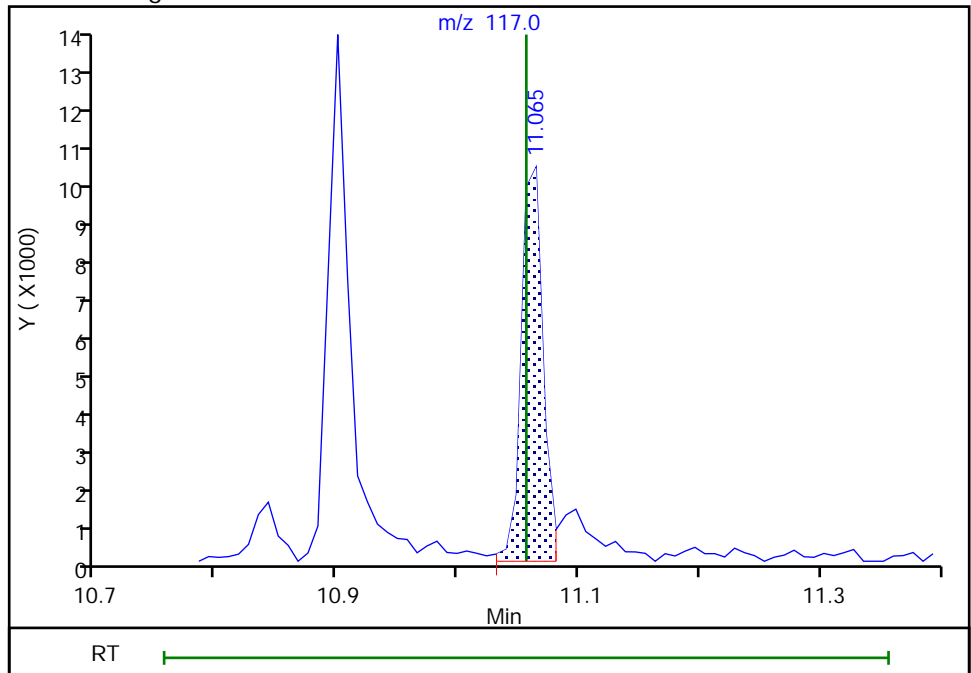
RT: 11.10  
Area: 3045  
Amount: 0.243302  
Amount Units: ug/l

Processing Integration Results



RT: 11.06  
Area: 13091  
Amount: 1.016747  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:58:42  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

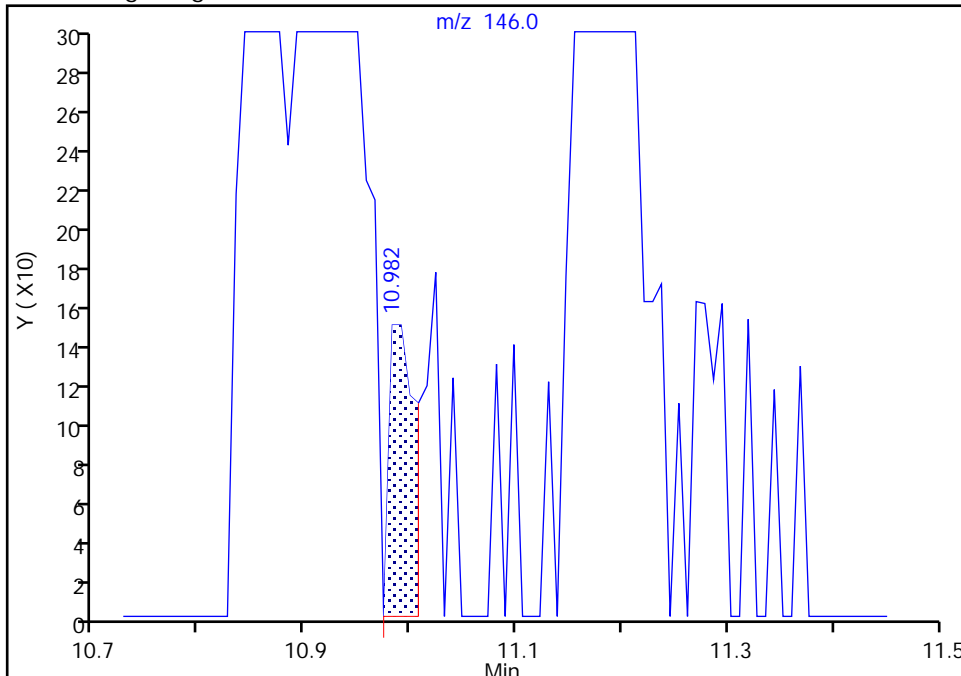
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
Lims ID: STD1  
Client ID:  
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

122 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

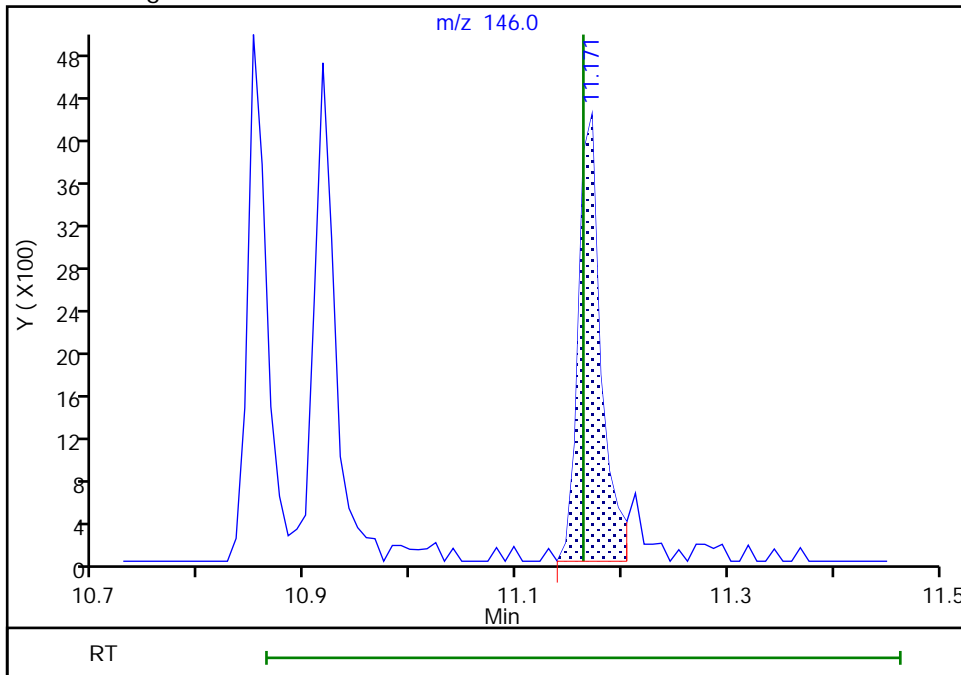
RT: 10.98  
Area: 256  
Amount: 0.039415  
Amount Units: ug/l

Processing Integration Results



RT: 11.17  
Area: 6334  
Amount: 0.939322  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:58:02  
Audit Action: Assigned Compound ID

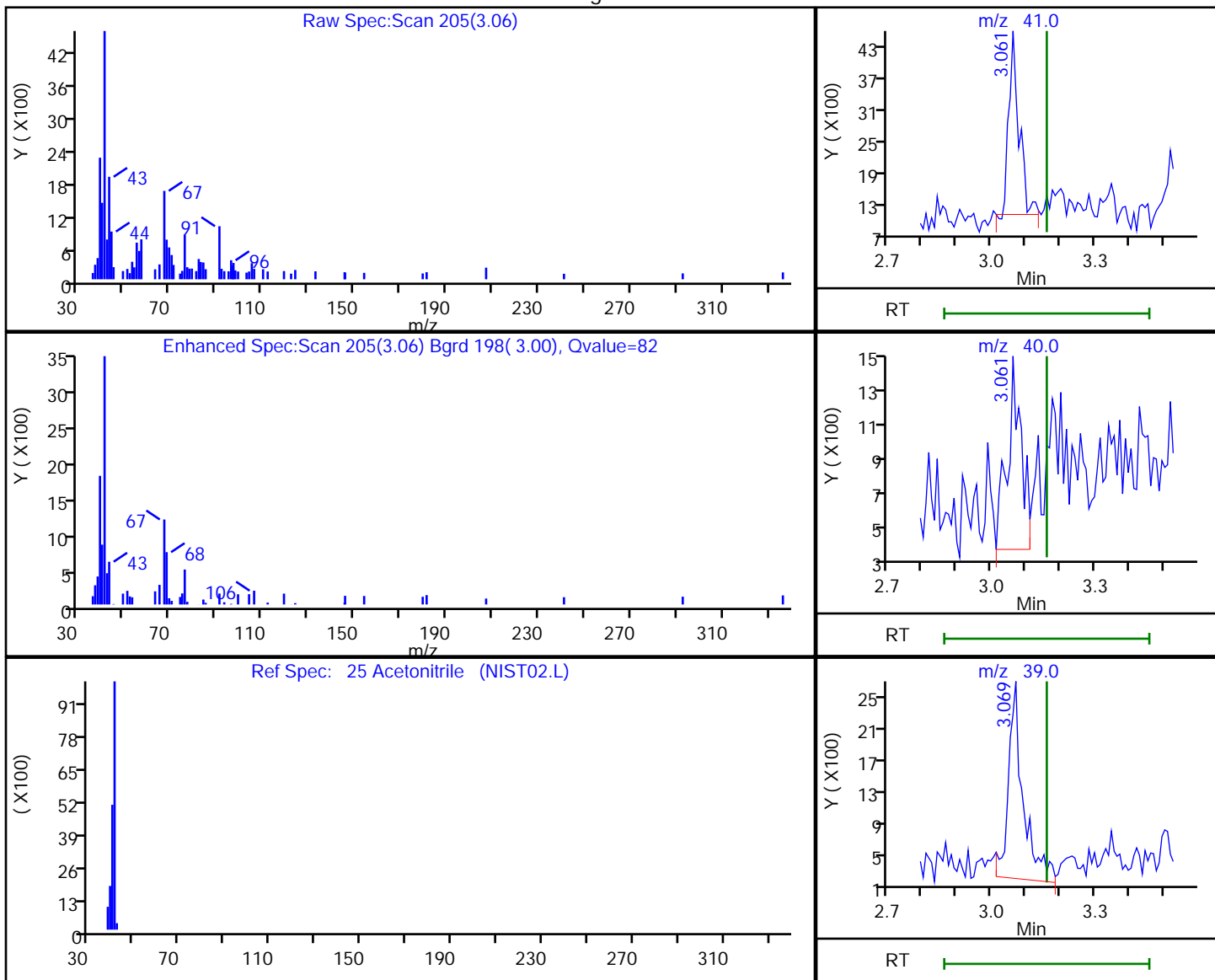
Audit Reason: Peak assignment corrected

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71257.D  
 Injection Date: 30-Sep-2018 23:17:30 Instrument ID: CVOAMS6  
 Lims ID: STD1  
 Client ID:  
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.06	41.00	7253	14.562297
3.06	40.00	2919	
3.07	39.00	7423	
3.07	38.00	1191	

Reviewer: baronm, 01-Oct-2018 15:03:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 30-Sep-2018 23:40:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0079524-005  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:53:06 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: boykink

Date: 01-Oct-2018 00:18:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	84	12505	5.00	5.56	
2 Dichlorodifluoromethane	85	1.566	1.566	0.000	97	28028	5.00	5.47	
3 Chloromethane	50	1.738	1.738	0.000	99	33151	5.00	5.48	
5 Butadiene	54	1.821	1.821	0.000	91	26657	5.00	5.00	
4 Vinyl chloride	62	1.829	1.829	0.000	98	33257	5.00	5.57	
6 Bromomethane	94	2.108	2.100	0.008	99	22025	5.00	5.24	
7 Chloroethane	64	2.149	2.157	-0.008	98	18995	5.00	5.59	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	97	41546	5.00	5.57	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	58	28967	5.00	5.42	
10 Pentane	72	2.363	2.363	0.000	98	7747	10.0	10.3	
12 Ethyl ether	59	2.552	2.552	0.000	97	14649	5.00	5.40	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	93	17491	5.00	5.25	
14 1,2-Dichloro-1,1,2-trifluo	117	2.593	2.609	-0.016	77	17348	5.00	5.59	
11 Ethanol	46	2.577	2.634	-0.057	64	948	200.0	69.0	
15 Acrolein	56	2.733	2.733	0.000	77	12227	20.0	22.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.724	2.733	-0.009	86	19074	5.00	5.77	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	97	19228	5.00	5.59	
18 Acetone	43	2.856	2.856	0.000	71	22215	25.0	21.2	
19 Iodomethane	142	2.913	2.913	0.000	97	32302	5.00	5.37	
21 Carbon disulfide	76	2.946	2.946	0.000	98	72149	5.00	5.61	
20 Isopropyl alcohol	45	2.996	2.987	0.009	23	6255	50.0	34.5	a
22 3-Chloro-1-propene	41	3.061	3.061	0.000	96	33691	5.00	5.09	
24 Methyl acetate	43	3.078	3.078	0.000	50	23894	10.0	10.9	
23 Cyclopentene	67	3.086	3.086	0.000	95	49621	5.00	5.66	
25 Acetonitrile	41	3.176	3.160	0.016	27	20181	50.0	45.1	a
27 Methylene Chloride	84	3.193	3.193	0.000	89	21320	5.00	5.29	
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	126671	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.275	3.283	-0.008	32	18590	50.0	53.7	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	87	45396	5.00	5.70	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	93	21223	5.00	5.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.448	3.472	-0.024	95	58864	50.0	55.7	
32 Hexane	43	3.521	3.513	0.008	92	19502	5.00	6.10	
33 Isopropyl ether	45	3.719	3.719	0.000	97	60371	5.00	5.56	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	96	32916	5.00	5.37	
35 Vinyl acetate	86	3.760	3.768	-0.008	99	5210	10.0	9.25	a
36 2-Chloro-1,3-butadiene	88	3.809	3.809	0.000	90	16587	5.00	5.49	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	88	54776	5.00	5.85	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	103283	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	72	8224	5.00	6.25	
42 Ethyl acetate	70	4.269	4.277	-0.008	78	3510	10.0	12.7	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	89	21270	5.00	5.48	
41 2-Butanone (MEK)	72	4.269	4.286	-0.017	83	6538	25.0	23.6	
43 Methyl acrylate	55	4.335	4.335	0.000	45	8888	5.00	4.39	
44 Propionitrile	54	4.434	4.425	0.009	30	17512	50.0	45.9	a
46 Tetrahydrofuran	72	4.508	4.499	0.009	53	4430	10.0	11.8	
45 Chlorobromomethane	128	4.499	4.499	0.000	91	9341	5.00	5.28	
47 Methacrylonitrile	67	4.516	4.508	0.008	91	52931	50.0	49.8	
48 Chloroform	83	4.549	4.549	0.000	99	29975	5.00	5.30	
49 Cyclohexane	84	4.672	4.680	-0.008	89	30300	5.00	5.37	
50 1,1,1-Trichloroethane	97	4.697	4.688	0.008	72	27174	5.00	5.38	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.697	0.008	97	63044	50.0	50.1	
52 Carbon tetrachloride	117	4.812	4.812	0.000	98	23079	5.00	5.59	
53 1,1-Dichloropropene	75	4.828	4.836	-0.008	96	21345	5.00	5.09	
54 Isobutyl alcohol	43	4.984	4.984	0.000	43	23663	125.0	125.2	
55 Benzene	78	5.033	5.033	0.000	95	66281	5.00	5.30	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.042	0.000	0	60692	50.0	48.8	
57 Isopropyl acetate	43	5.083	5.083	0.000	84	47253	5.00	5.83	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	88	61859	5.00	5.95	
59 1,2-Dichloroethane	62	5.116	5.116	0.000	96	17823	5.00	5.31	
60 n-Heptane	57	5.173	5.173	0.000	92	14130	5.00	5.67	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	254340	50.0	50.0	
62 n-Butanol	56	5.666	5.641	0.025	26	3898	125.0	68.7	a
63 Trichloroethene	95	5.666	5.666	0.000	98	15118	5.00	5.03	
64 Methylcyclohexane	83	5.789	5.789	0.000	91	35410	5.00	5.64	
65 Ethyl acrylate	55	5.781	5.789	-0.008	88	36345	5.00	5.03	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	96	16738	5.00	5.30	
68 Methyl methacrylate	100	6.028	6.019	0.009	89	5814	10.0	9.47	
* 67 1,4-Dioxane-d8	96	6.028	6.019	0.009	0	11280	1000.0	1000.0	
69 1,4-Dioxane	88	6.093	6.069	0.024	25	2743	100.0	110.5	Ma
70 n-Propyl acetate	43	6.085	6.077	0.008	97	12518	5.00	4.87	
71 Dibromomethane	93	6.085	6.085	0.000	95	8783	5.00	5.06	
72 Dichlorobromomethane	83	6.233	6.233	0.000	98	19957	5.00	5.20	
73 2-Nitropropane	41	6.554	6.562	-0.008	92	6113	10.0	10.9	
74 2-Chloroethyl vinyl ether	63	6.570	6.562	0.008	75	7274	5.00	5.27	
75 Epichlorohydrin	57	6.685	6.636	0.049	98	19424	100.0	98.8	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	93	19915	5.00	4.94	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	95	60059	25.0	28.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	99	210867	50.0	49.1	
79 Toluene	91	7.038	7.047	-0.009	93	62095	5.00	5.21	
80 trans-1,3-Dichloropropene	75	7.400	7.392	0.008	96	16917	5.00	5.24	
81 Ethyl methacrylate	69	7.425	7.425	0.000	89	21695	5.00	6.82	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	96	10960	5.00	5.34	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	94	15574	5.00	5.47	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	18766	5.00	5.31	
85 2-Hexanone	43	7.893	7.885	0.008	93	24418	25.0	23.3	
86 n-Butyl acetate	43	8.008	8.000	0.008	81	18395	5.00	5.64	
87 Chlorodibromomethane	129	8.057	8.057	0.000	97	13818	5.00	5.65	
88 Ethylene Dibromide	107	8.205	8.213	-0.008	97	10306	5.00	5.19	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	85	162202	50.0	50.0	
90 Chlorobenzene	112	8.797	8.789	0.008	93	38236	5.00	5.31	
91 Ethylbenzene	106	8.887	8.887	0.000	98	22432	5.00	5.24	
92 1,1,1,2-Tetrachloroethane	131	8.904	8.912	-0.008	93	16535	5.00	5.68	
93 m-Xylene & p-Xylene	106	9.051	9.043	0.008	0	29070	5.00	5.39	
94 n-Butyl acrylate	73	9.487	9.479	0.008	43	11126	5.00	5.28	
95 o-Xylene	106	9.495	9.495	0.000	96	30238	5.00	5.34	
96 Styrene	104	9.528	9.528	0.000	98	46669	5.00	5.56	
97 Amyl acetate (mixed isomer)	43	9.717	9.709	0.008	88	18746	5.00	4.88	
98 Bromoform	173	9.742	9.733	0.009	96	8811	5.00	5.53	
99 Isopropylbenzene	105	9.840	9.840	0.000	96	77377	5.00	5.49	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	90	63826	50.0	51.1	
101 Bromobenzene	156	10.144	10.144	0.000	98	17386	5.00	5.39	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	17030	5.00	5.28	
103 N-Propylbenzene	91	10.194	10.194	0.000	99	95031	5.00	5.62	a
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	90	5265	5.00	5.71	
105 trans-1,4-Dichloro-2-buten	53	10.243	10.235	0.008	61	3555	5.00	4.32	a
106 2-Chlorotoluene	91	10.292	10.284	0.008	89	62288	5.00	5.33	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	76409	5.00	5.45	a
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	93	69427	5.00	5.56	a
109 4-Chlorotoluene	91	10.383	10.383	0.000	97	59076	5.00	5.90	
110 Butyl Methacrylate	87	10.424	10.424	0.000	87	23558	5.00	5.38	
111 tert-Butylbenzene	119	10.580	10.580	0.000	94	47464	5.00	4.96	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	97	72433	5.00	5.59	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	82720	5.00	5.41	a
114 4-Isopropyltoluene	119	10.843	10.835	0.008	98	71311	5.00	5.41	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	95	35444	5.00	5.27	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	96	94252	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	36263	5.00	5.32	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	72702	5.00	5.53	
118 Benzyl chloride	91	11.015	11.015	0.000	99	35721	5.00	5.37	a
119 2,3-Dihydroindene	117	11.056	11.056	0.000	93	71497	5.00	5.50	
120 p-Diethylbenzene	119	11.089	11.089	0.000	90	41685	5.00	5.60	
121 n-Butylbenzene	92	11.114	11.106	0.008	98	39040	5.00	5.47	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	95	38113	5.00	5.60	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.566	0.000	97	72225	5.00	5.61	
124 1,2-Dibromo-3-Chloropropan	75	11.656	11.648	0.008	93	4210	5.00	5.68	
125 1,3,5-Trichlorobenzene	180	11.738	11.730	0.008	97	29059	5.00	5.26	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	29065	5.00	5.61	
127 Hexachlorobutadiene	225	12.190	12.190	0.000	94	10960	5.00	5.32	
128 Naphthalene	128	12.305	12.305	0.000	100	57386	5.00	5.20	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	23364	5.00	5.00	
S 130 1,2-Dichloroethene, Total	100				0		10.0	11.4	
S 131 Xylenes, Total	100				0		10.0	10.7	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

GAS Hi_00273	Amount Added: 1.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 1.00	Units: uL	
MIX I Hi_00098	Amount Added: 1.00	Units: uL	
Ethanol mix_00019	Amount Added: 1.00	Units: uL	
ACROLEIN W_00081	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D

Injection Date: 30-Sep-2018 23:40:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

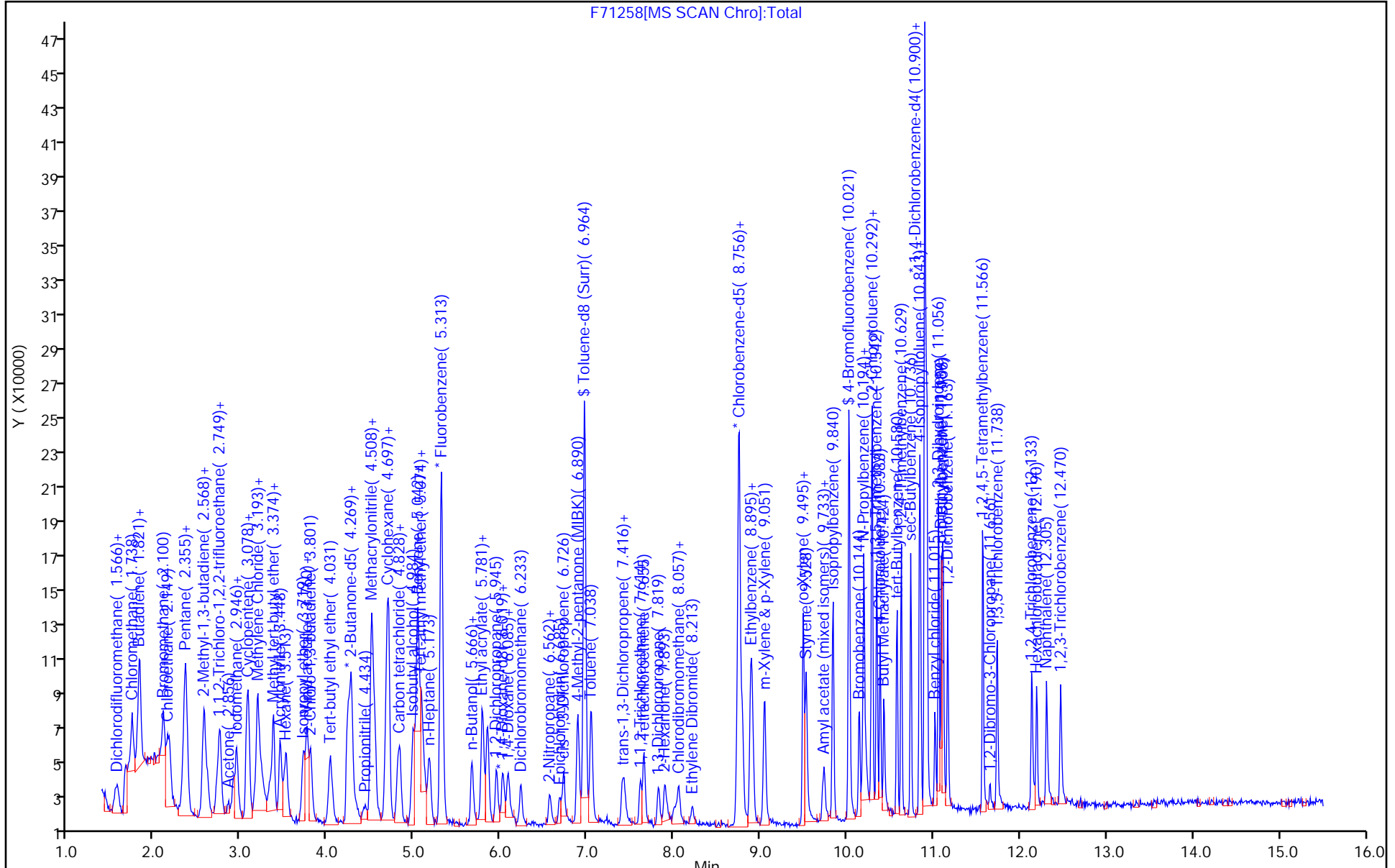
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)





TestAmerica Edison

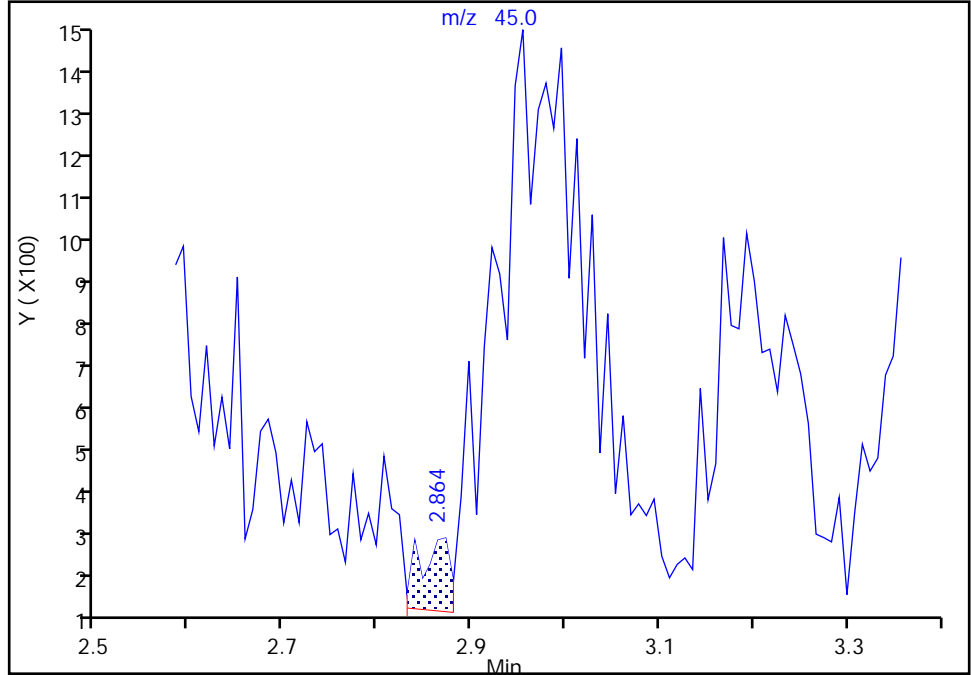
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

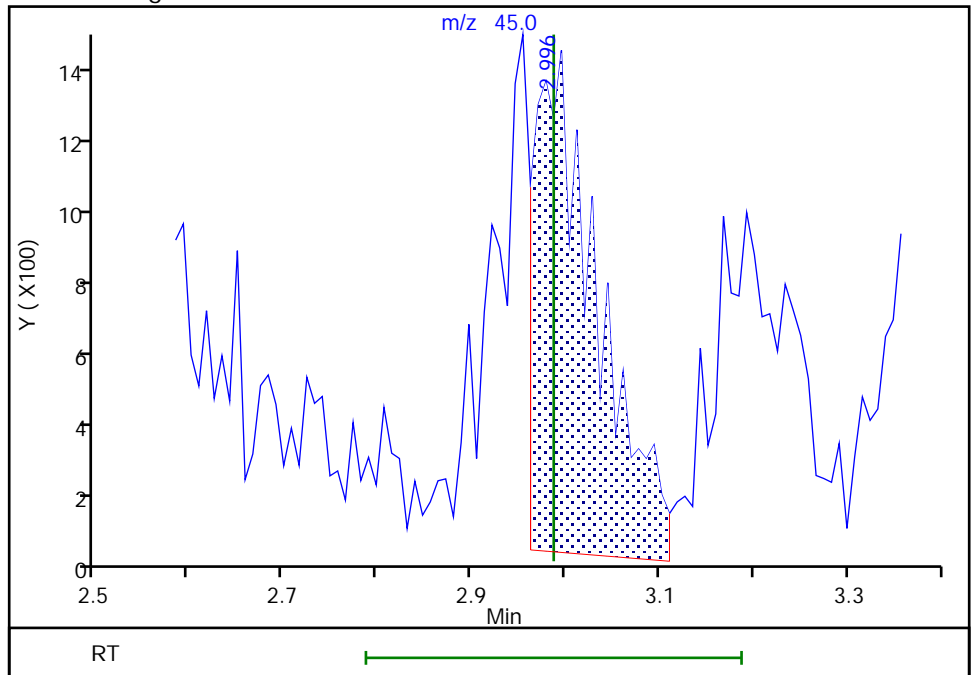
RT: 2.86  
Area: 380  
Amount: 1.908003  
Amount Units: ug/l

Processing Integration Results



RT: 3.00  
Area: 6255  
Amount: 34.462999  
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 30-Sep-2018 23:59:38  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

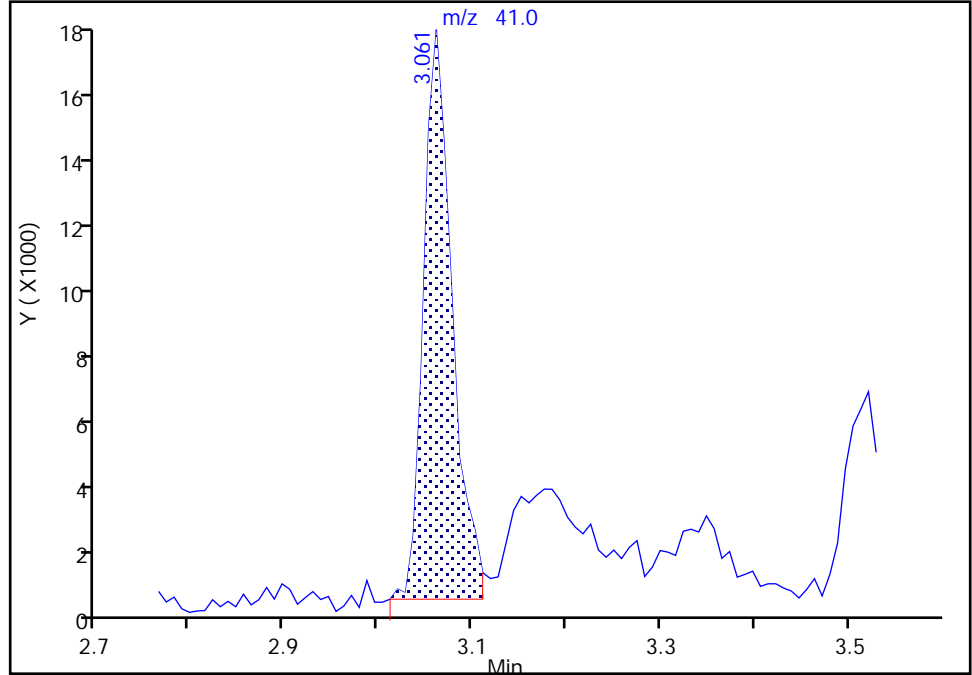
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Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

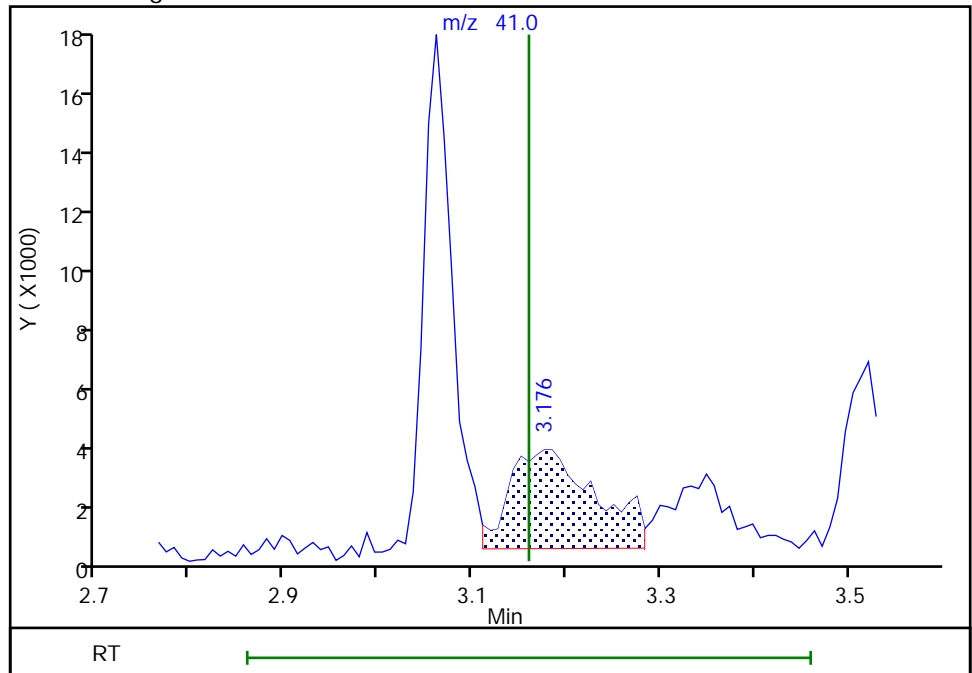
RT: 3.06  
Area: 34588  
Amount: 56.257403  
Amount Units: ug/l

Processing Integration Results



RT: 3.18  
Area: 20181  
Amount: 45.066439  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

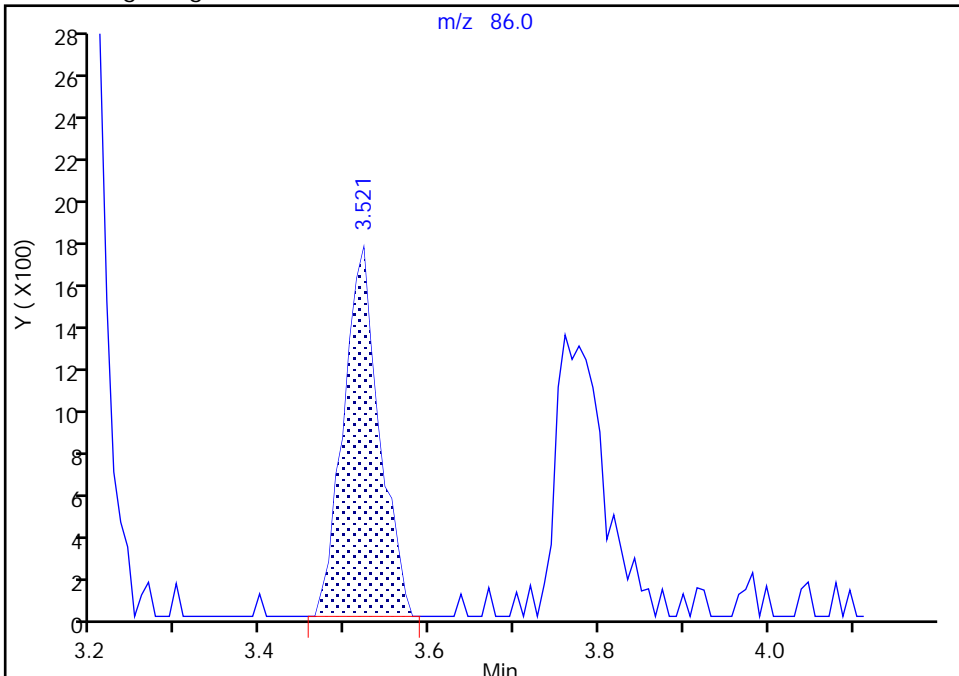
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

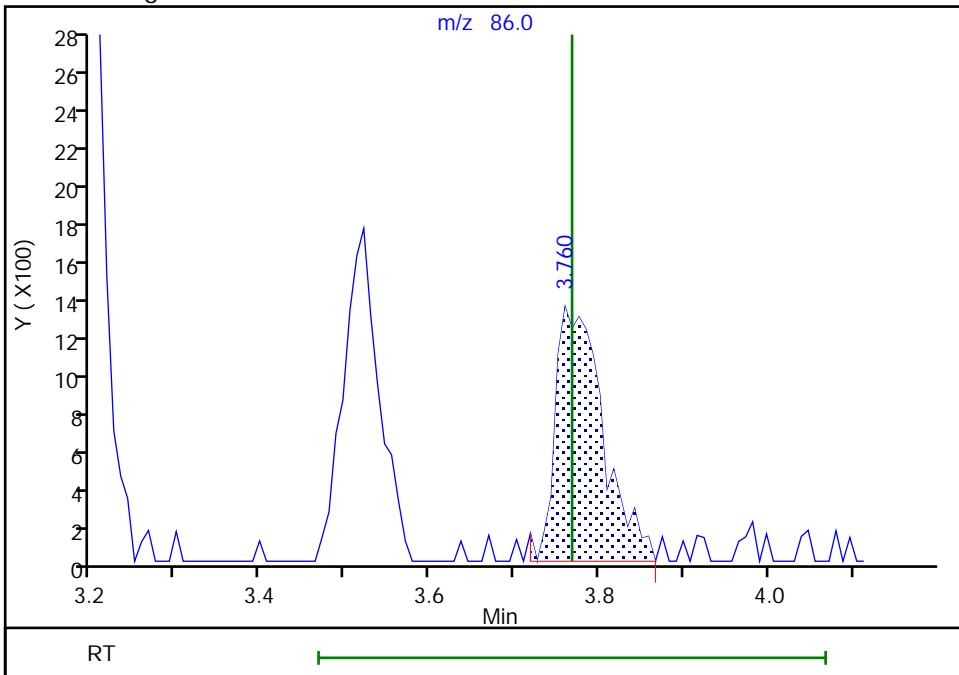
RT: 3.52  
Area: 5091  
Amount: 9.169729  
Amount Units: ug/l

Processing Integration Results



RT: 3.76  
Area: 5210  
Amount: 9.252303  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

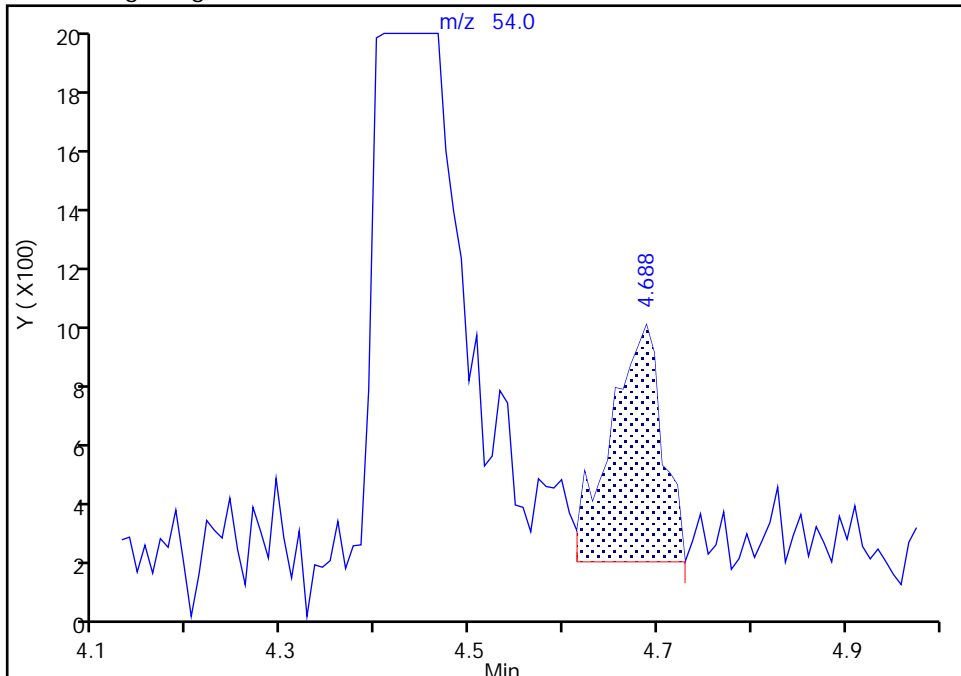
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

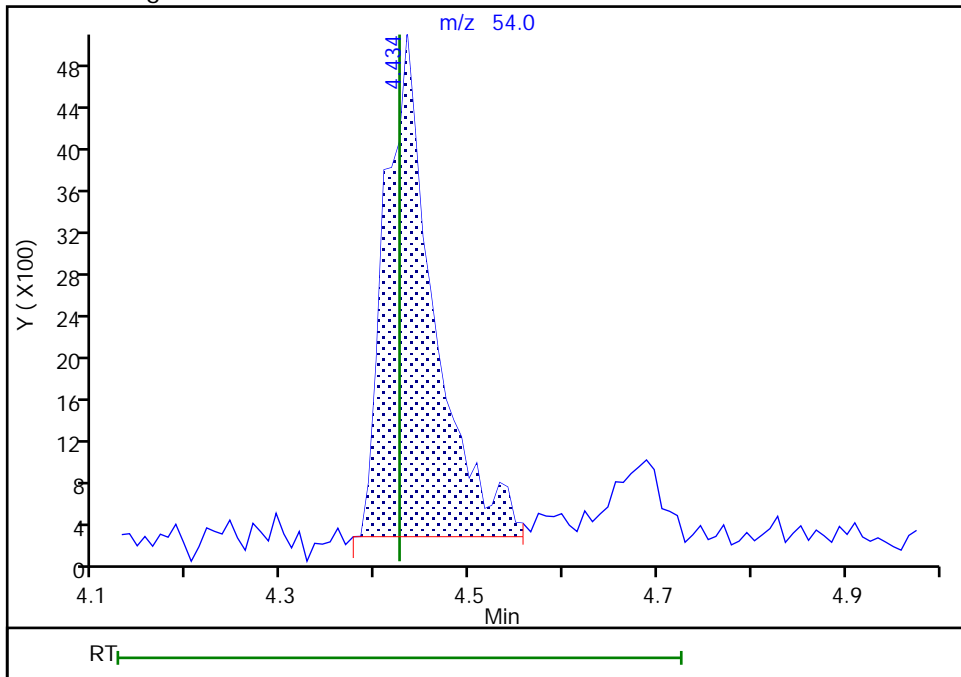
RT: 4.69  
Area: 3033  
Amount: 6.268705  
Amount Units: ug/l

Processing Integration Results



RT: 4.43  
Area: 17512  
Amount: 45.929061  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

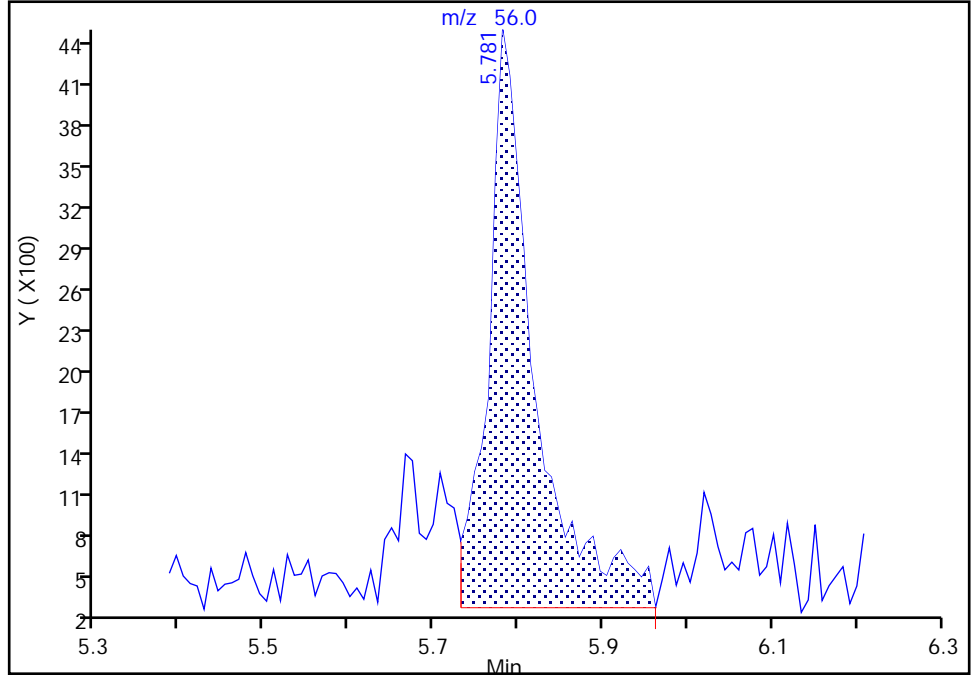
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

62 n-Butanol, CAS: 71-36-3

Signal: 1

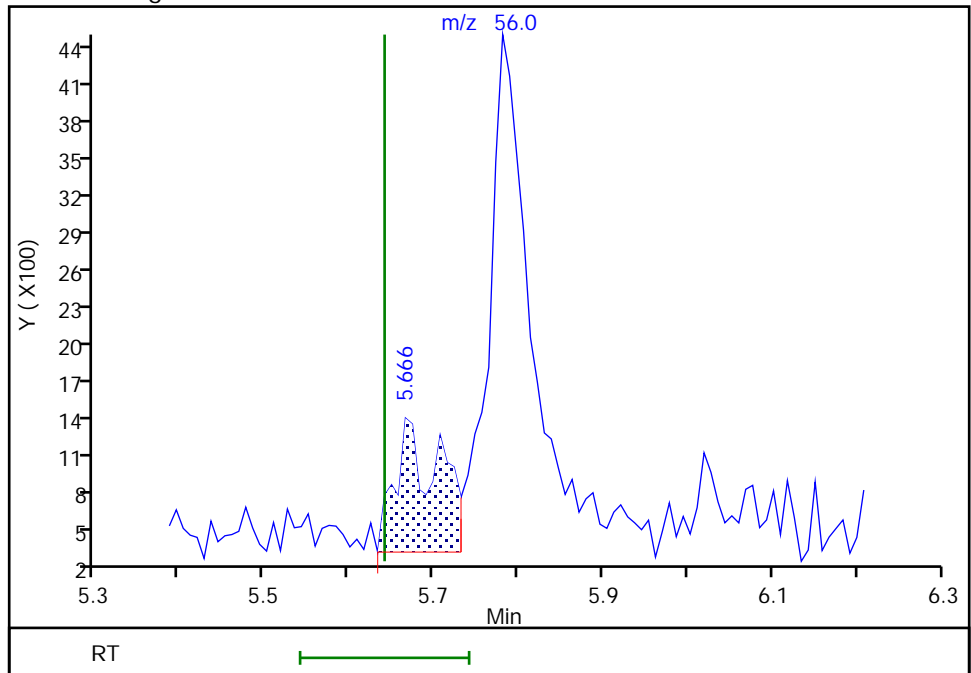
RT: 5.78  
Area: 16186  
Amount: 202.9715  
Amount Units: ug/l

Processing Integration Results



RT: 5.67  
Area: 3898  
Amount: 68.710181  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:13:46  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

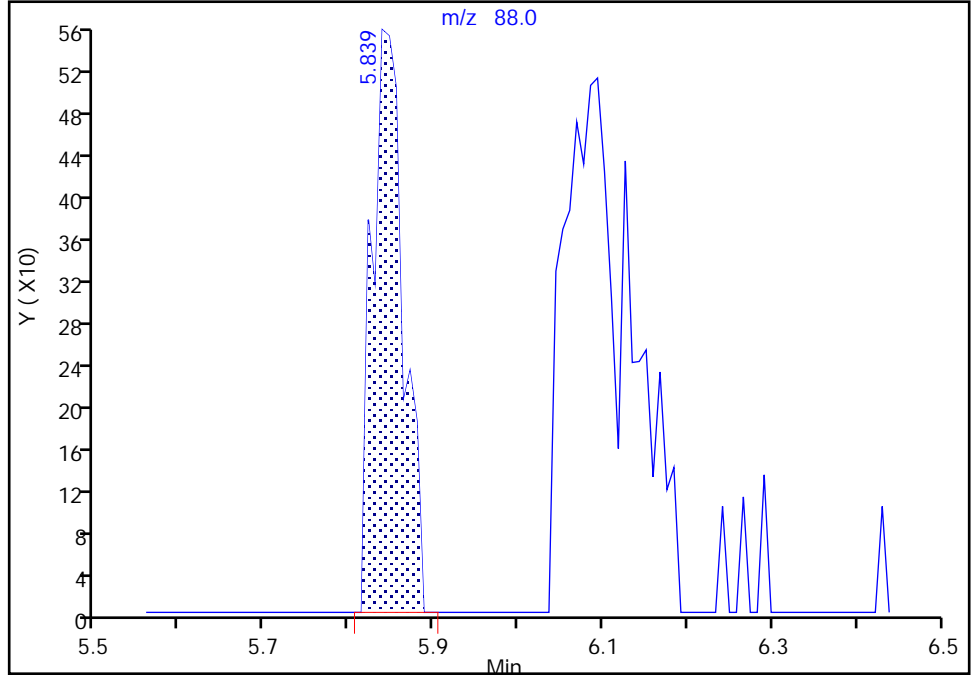
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

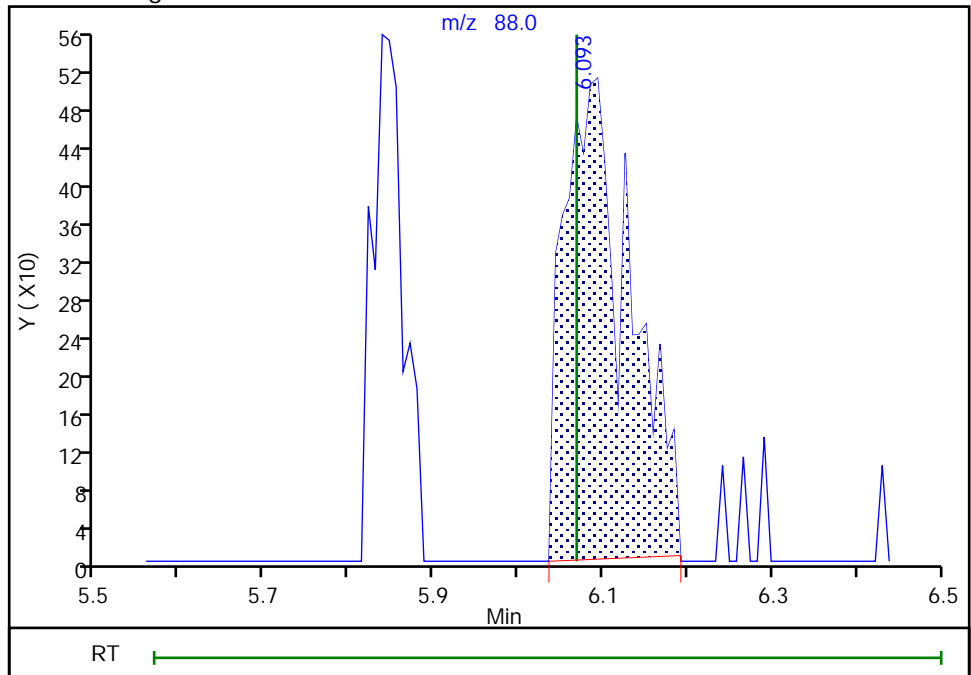
RT: 5.84  
Area: 1428  
Amount: 50.813918  
Amount Units: ug/l

Processing Integration Results



RT: 6.09  
Area: 2743  
Amount: 110.5266  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:14:12  
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
Page 334 of 520

TestAmerica Edison

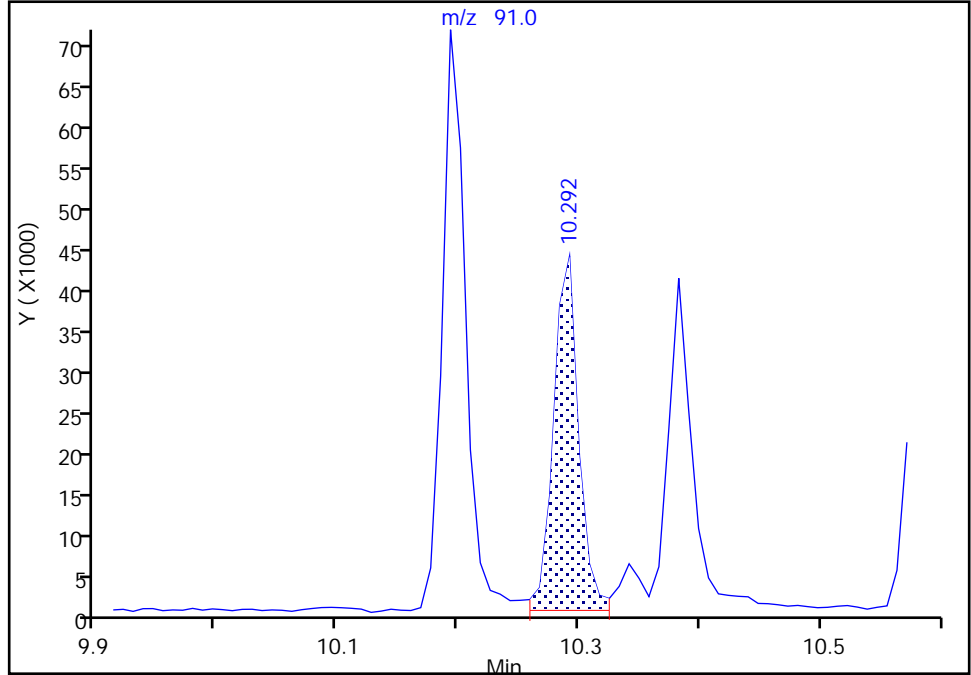
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

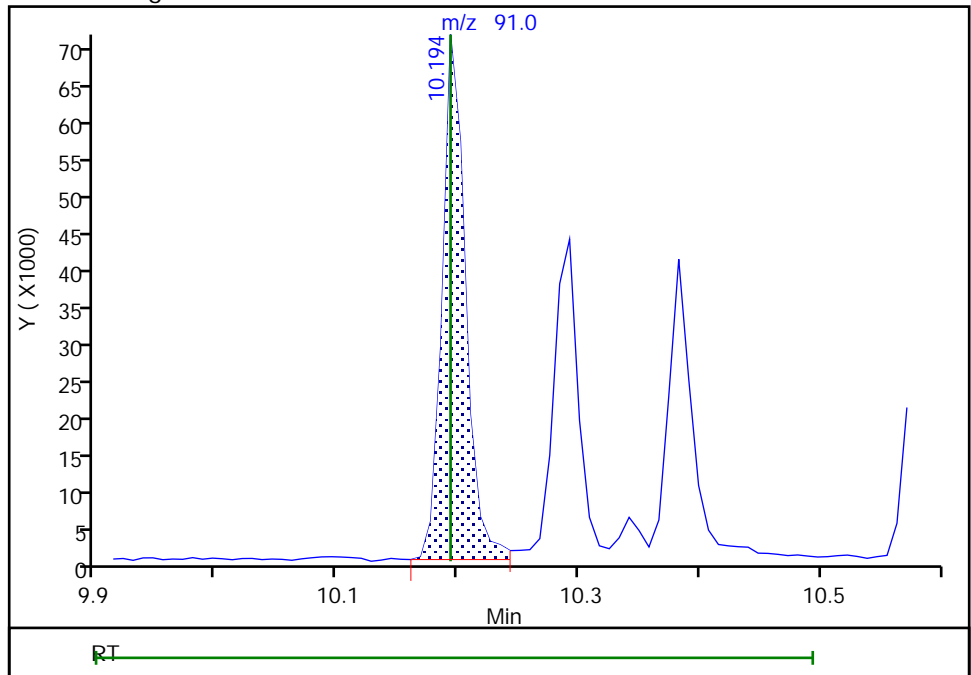
RT: 10.29  
Area: 62392  
Amount: 3.363204  
Amount Units: ug/l

Processing Integration Results



RT: 10.19  
Area: 95031  
Amount: 5.622780  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

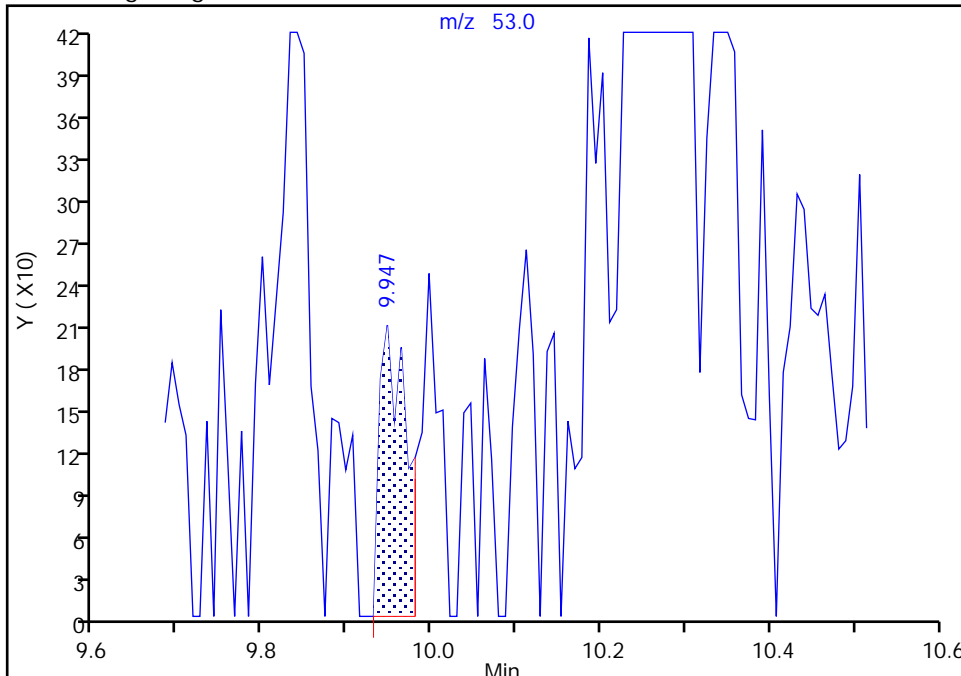
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

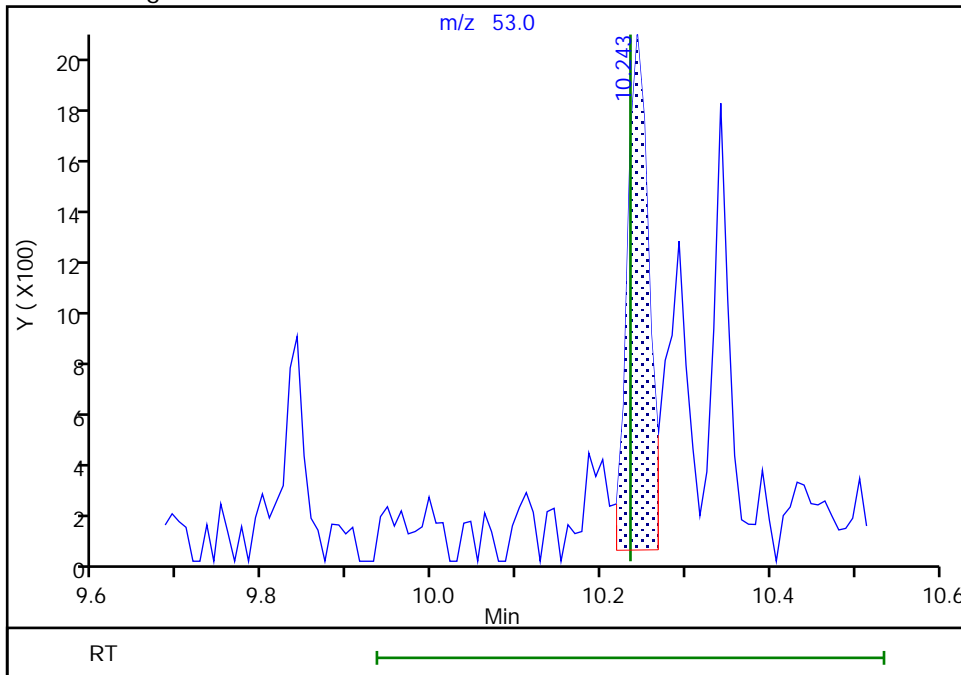
RT: 9.95  
Area: 457  
Amount: 0.413209  
Amount Units: ug/l

Processing Integration Results



RT: 10.24  
Area: 3555  
Amount: 4.324526  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:14:33  
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



TestAmerica Edison

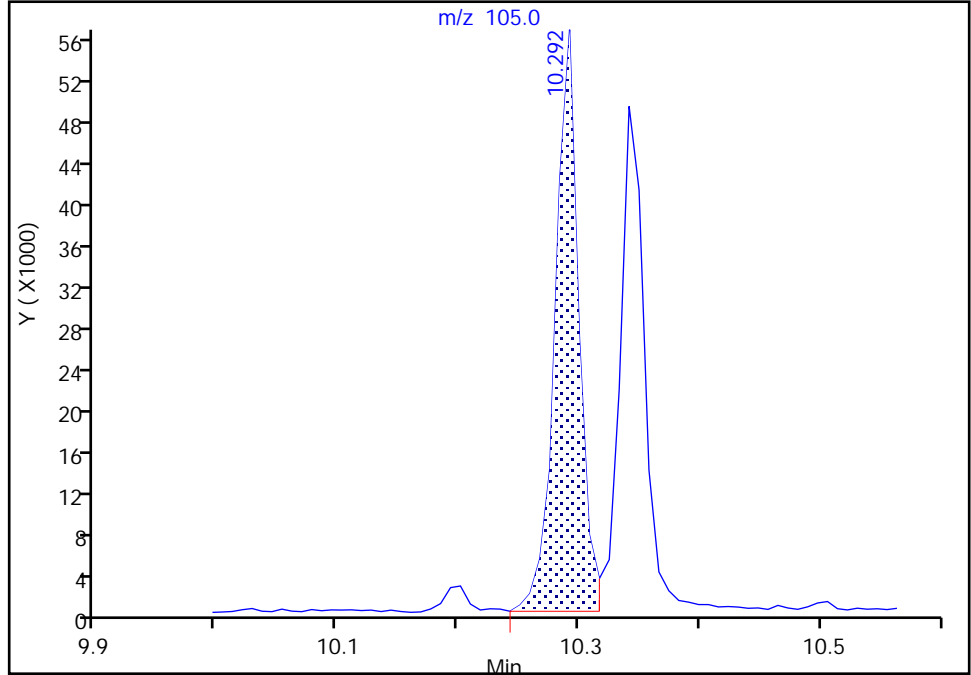
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

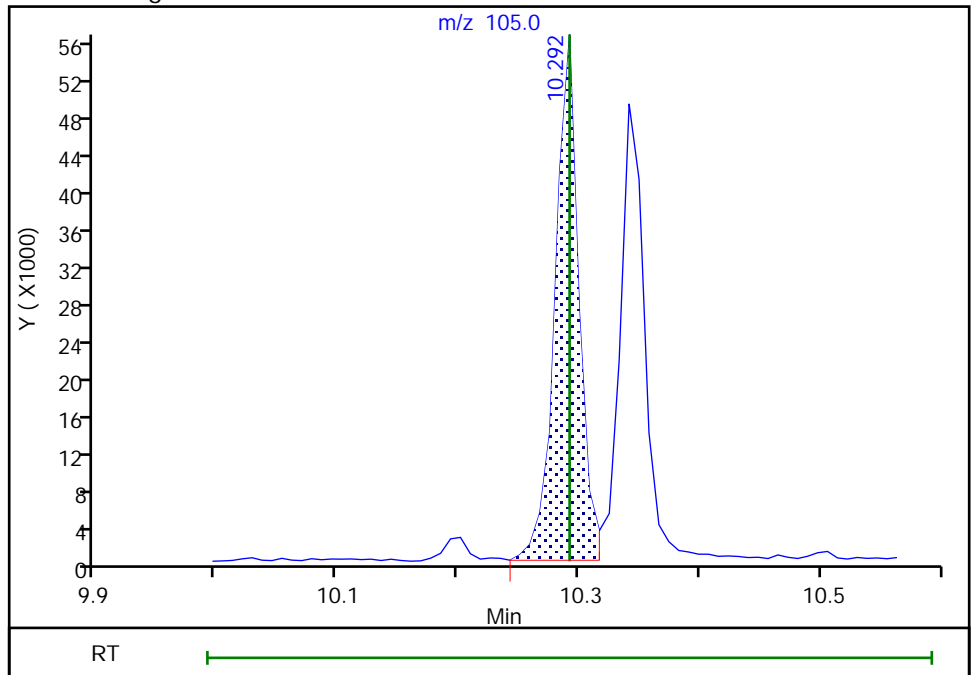
RT: 10.29  
Area: 76409  
Amount: 5.266921  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
Area: 76409  
Amount: 5.446289  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

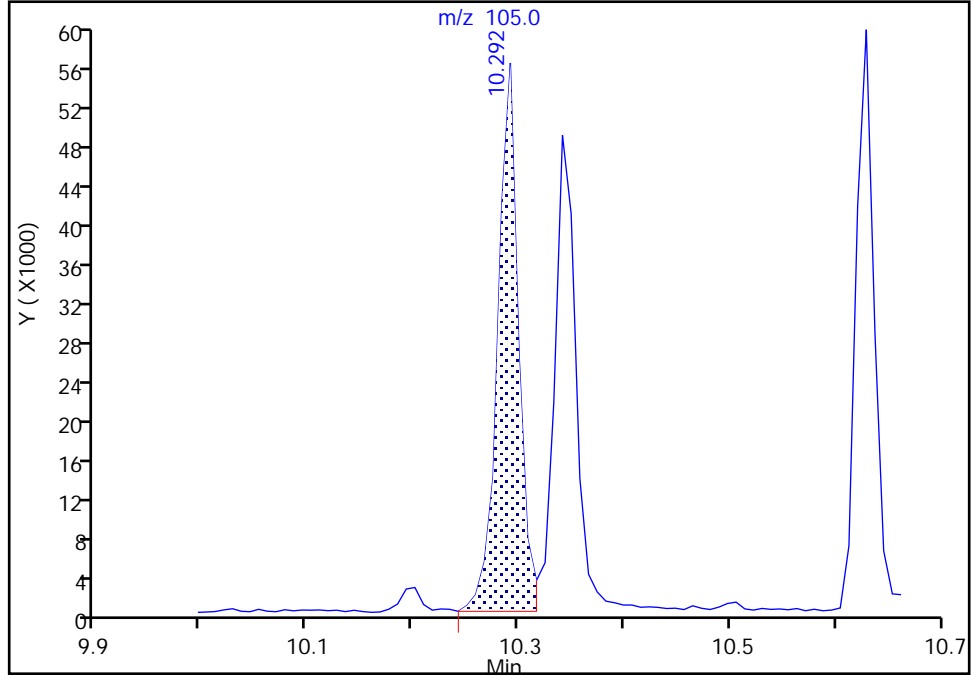
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

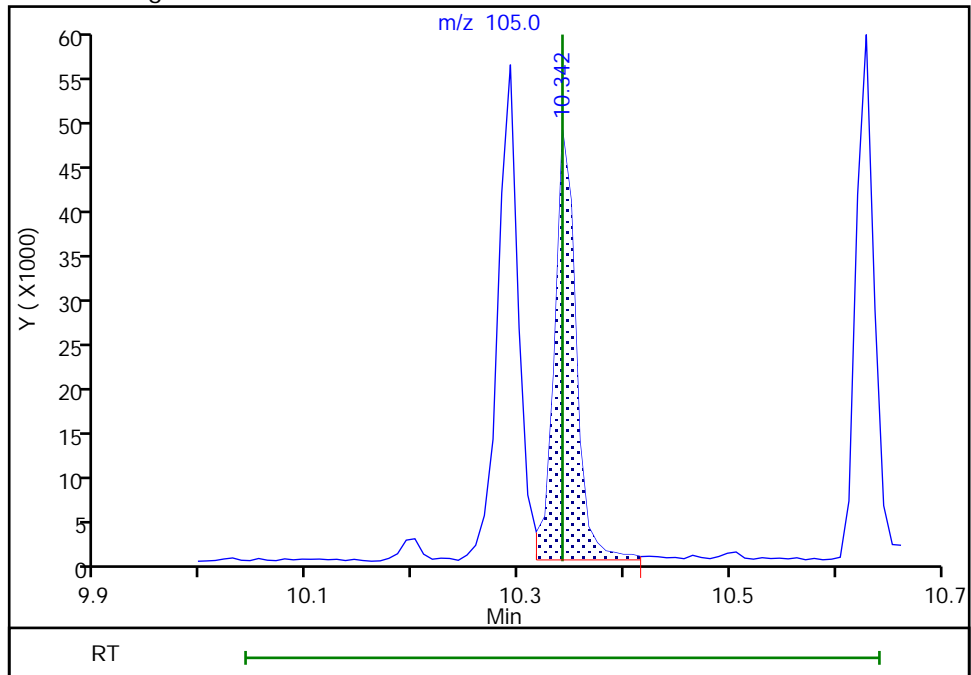
RT: 10.29  
Area: 76409  
Amount: 5.586625  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 69427  
Amount: 5.559880  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

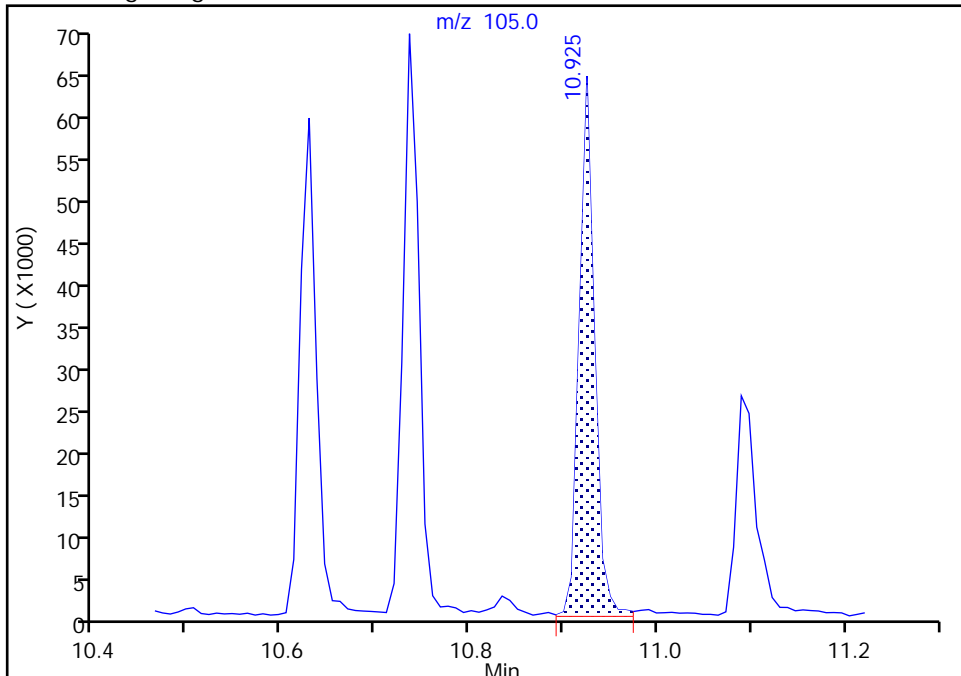
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Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

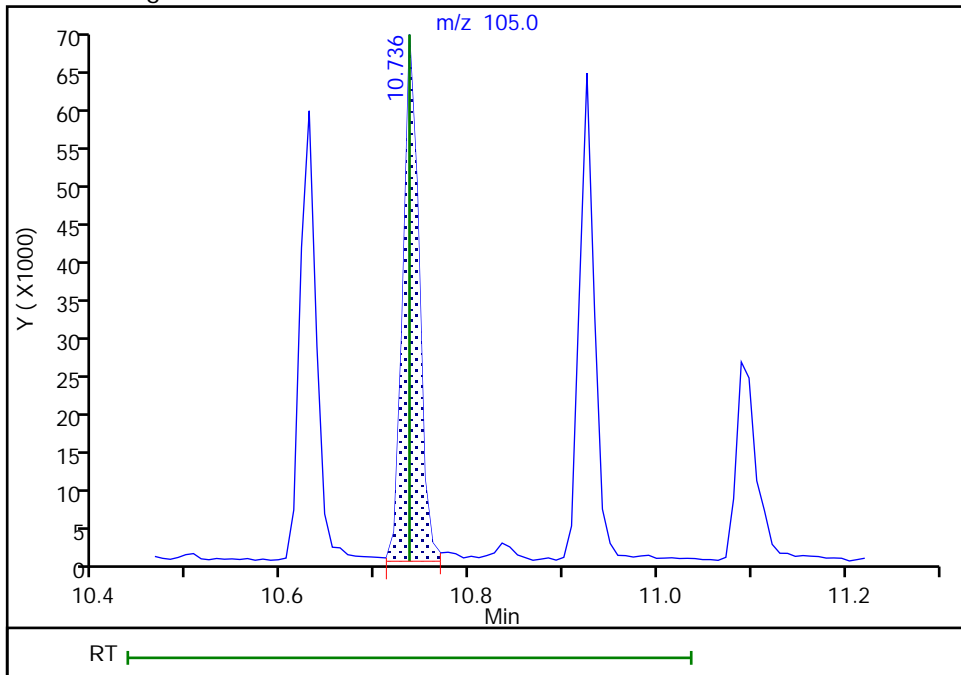
RT: 10.92  
Area: 73231  
Amount: 5.001018  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 82720  
Amount: 5.405363  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

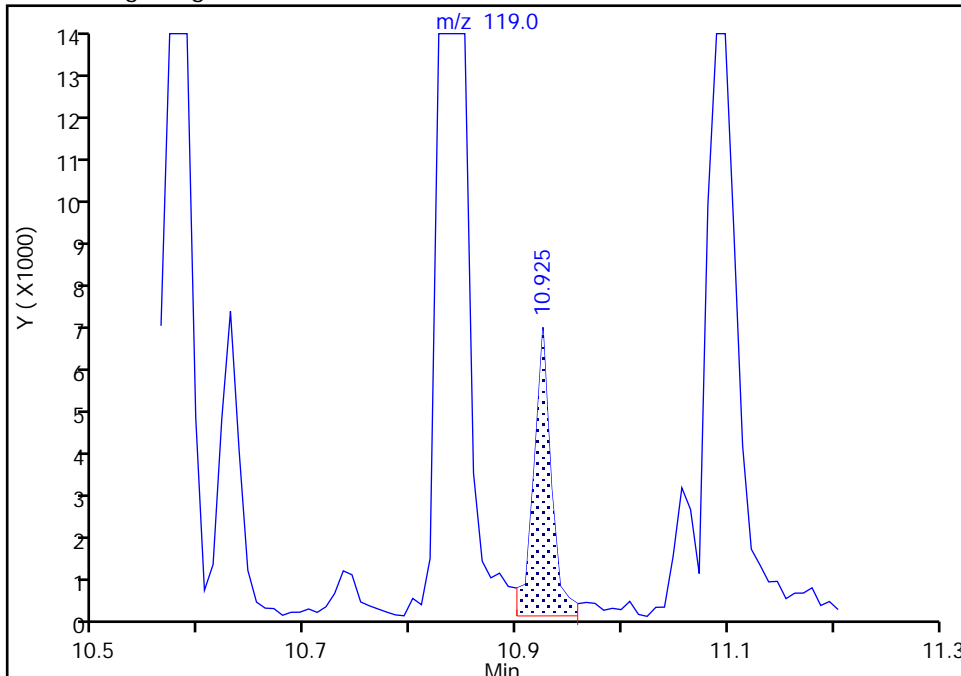
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

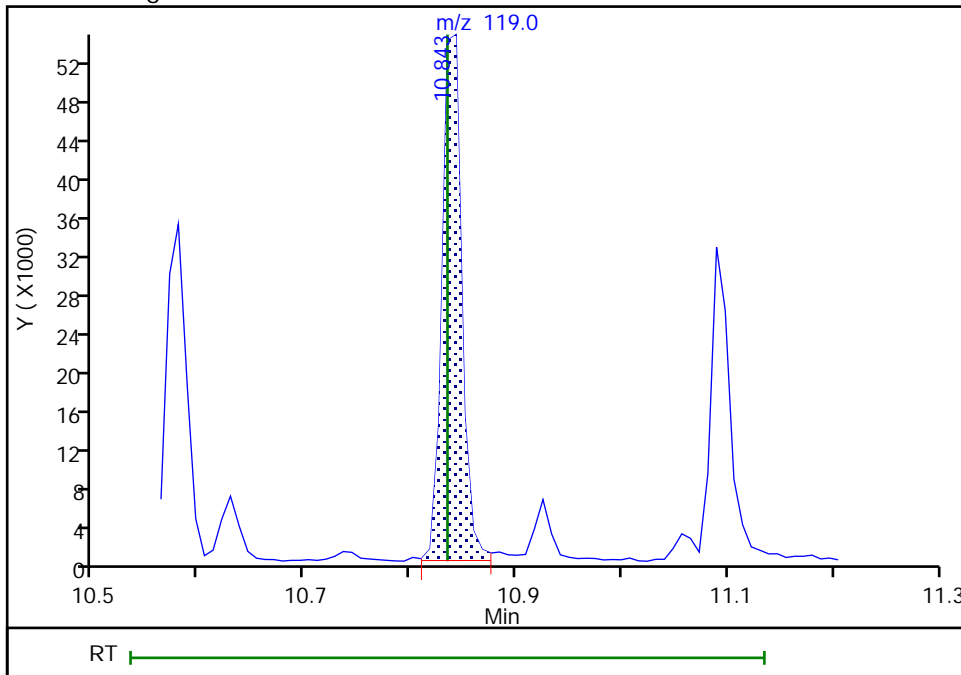
RT: 10.92  
Area: 7488  
Amount: 0.588681  
Amount Units: ug/l

Processing Integration Results



RT: 10.84  
Area: 71311  
Amount: 5.407388  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:15:06  
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

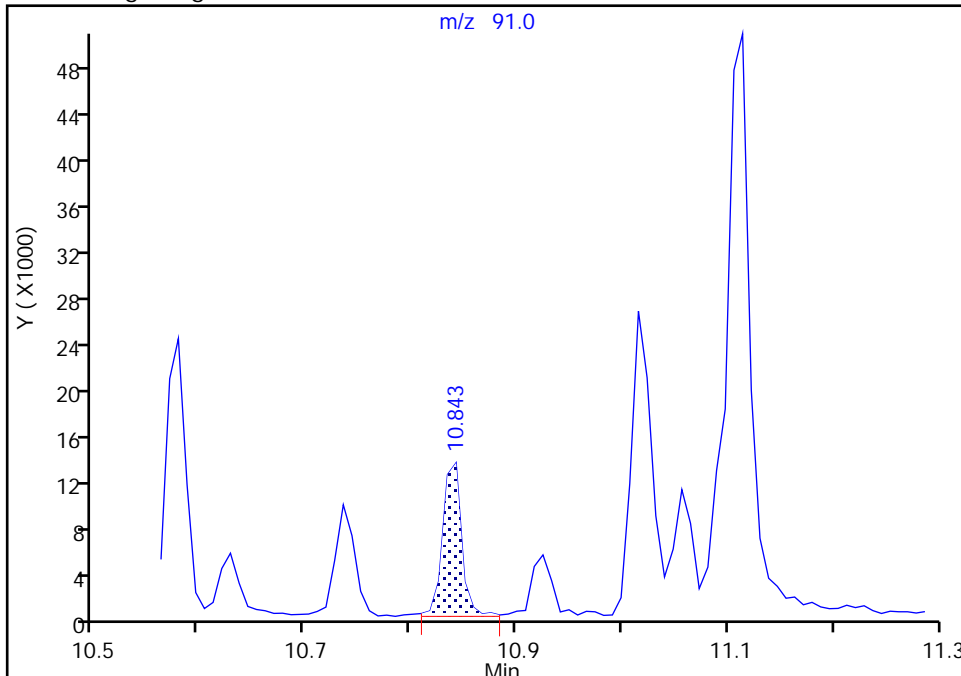
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71258.D  
Injection Date: 30-Sep-2018 23:40:30 Instrument ID: CVOAMS6  
Lims ID: STD5  
Client ID:  
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

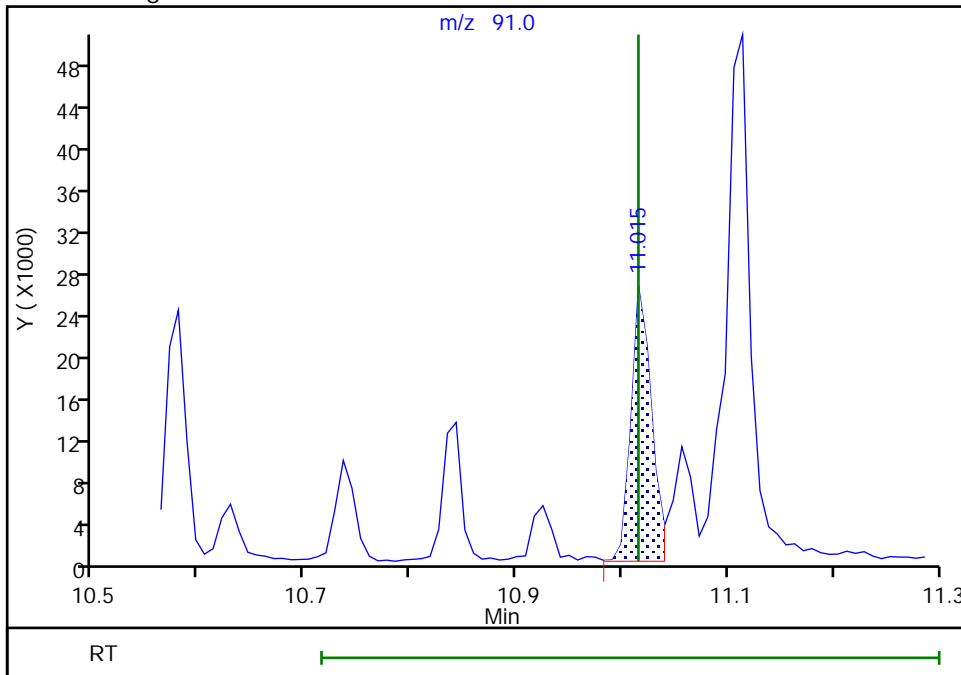
RT: 10.84  
Area: 16637  
Amount: 2.166118  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 35721  
Amount: 5.371575  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:15:13  
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration  
Page 341 of 520

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71259.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 01-Oct-2018 00:04:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0079524-006  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:53:27 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: pakanatir

Date: 02-Oct-2018 19:40:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	90	46232	20.0	21.0	
2 Dichlorodifluoromethane	85	1.566	1.566	0.000	99	109708	20.0	21.9	
3 Chloromethane	50	1.738	1.738	0.000	99	121423	20.0	20.5	
5 Butadiene	54	1.821	1.821	0.000	92	106247	20.0	20.3	
4 Vinyl chloride	62	1.829	1.829	0.000	98	121737	20.0	20.8	
6 Bromomethane	94	2.100	2.100	0.000	99	81664	20.0	19.8	
7 Chloroethane	64	2.157	2.157	0.000	99	67466	20.0	20.3	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	99	153091	20.0	21.0	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	60	109224	20.0	20.9	
10 Pentane	72	2.363	2.363	0.000	98	27980	40.0	39.8	
12 Ethyl ether	59	2.552	2.552	0.000	94	54840	20.0	20.6	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	95	65726	20.0	20.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	94	63060	20.0	20.8	
11 Ethanol	46	2.634	2.634	0.000	65	12627	800.0	982.7	M
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	97	69779	20.0	21.5	
15 Acrolein	56	2.733	2.733	0.000	46	17599	40.0	33.8	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	98	72443	20.0	21.5	
18 Acetone	43	2.856	2.856	0.000	88	84555	100.0	79.2	
19 Iodomethane	142	2.913	2.913	0.000	97	123192	20.0	20.9	
21 Carbon disulfide	76	2.946	2.946	0.000	99	266945	20.0	21.2	
20 Isopropyl alcohol	45	2.987	2.987	0.000	25	36741	200.0	203.7	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	95	134527	20.0	20.8	
24 Methyl acetate	43	3.078	3.078	0.000	53	89810	40.0	42.0	
23 Cyclopentene	67	3.086	3.086	0.000	95	179211	20.0	20.9	
25 Acetonitrile	41	3.160	3.160	0.000	96	88573	200.0	211.4	a
27 Methylene Chloride	84	3.193	3.193	0.000	89	82681	20.0	20.9	
* 26 TBA-d9 (IS)	65	3.217	3.217	0.000	0	118493	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.283	3.283	0.000	91	64876	200.0	200.4	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	168444	20.0	21.6	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	94	76075	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.448	3.448	0.000	96	234433	200.0	226.4	
32 Hexane	43	3.513	3.513	0.000	92	62082	20.0	19.8	
33 Isopropyl ether	45	3.719	3.719	0.000	98	231354	20.0	21.7	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	125281	20.0	20.8	
35 Vinyl acetate	86	3.768	3.768	0.000	99	22092	40.0	40.0	a
36 2-Chloro-1,3-butadiene	88	3.809	3.809	0.000	90	63933	20.0	21.6	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	201855	20.0	22.0	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	106012	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	91	26792	20.0	20.8	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	94	80090	20.0	21.0	
42 Ethyl acetate	70	4.277	4.277	0.000	81	9541	40.0	33.8	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	96	27874	100.0	98.0	
43 Methyl acrylate	55	4.335	4.335	0.000	98	36227	20.0	17.7	
44 Propionitrile	54	4.425	4.425	0.000	98	75521	200.0	211.7	
45 Chlorobromomethane	128	4.499	4.499	0.000	90	35462	20.0	20.5	
46 Tetrahydrofuran	72	4.499	4.499	0.000	53	14866	40.0	38.8	
47 Methacrylonitrile	67	4.508	4.508	0.000	90	213251	200.0	204.7	
48 Chloroform	83	4.549	4.549	0.000	99	112748	20.0	20.3	
49 Cyclohexane	84	4.680	4.680	0.000	90	113450	20.0	20.5	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	97	104407	20.0	21.1	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	64144	50.0	52.0	
52 Carbon tetrachloride	117	4.812	4.812	0.000	99	86423	20.0	21.3	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	81690	20.0	19.9	
54 Isobutyl alcohol	43	4.984	4.984	0.000	43	94145	500.0	532.7	
55 Benzene	78	5.033	5.033	0.000	96	257650	20.0	20.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	59201	50.0	48.6	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	89	225235	20.0	22.1	
57 Isopropyl acetate	43	5.083	5.083	0.000	79	170816	20.0	21.5	
59 1,2-Dichloroethane	62	5.116	5.116	0.000	94	66999	20.0	20.4	
60 n-Heptane	57	5.173	5.173	0.000	89	48999	20.0	20.1	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	249246	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	84	28060	500.0	528.8	
63 Trichloroethene	95	5.666	5.666	0.000	99	60052	20.0	20.4	
65 Ethyl acrylate	55	5.789	5.789	0.000	93	156429	20.0	22.1	
64 Methylcyclohexane	83	5.789	5.789	0.000	91	134581	20.0	21.9	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	63567	20.0	20.5	
68 Methyl methacrylate	100	6.019	6.019	0.000	84	26403	40.0	43.9	
* 67 1,4-Dioxane-d8	96	6.003	6.003	0.000	0	13170	1000.0	1000.0	
69 1,4-Dioxane	88	6.069	6.069	0.000	62	12422	400.0	428.7	
70 n-Propyl acetate	43	6.077	6.077	0.000	98	56668	20.0	22.5	
71 Dibromomethane	93	6.085	6.085	0.000	91	34076	20.0	20.0	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	74527	20.0	19.8	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	75	29295	20.0	19.7	
73 2-Nitropropane	41	6.562	6.562	0.000	79	21005	40.0	38.4	
75 Epichlorohydrin	57	6.669	6.669	0.000	99	91161	400.0	451.8	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	90	79463	20.0	19.5	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	95	244036	100.0	111.0	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	100	212852	50.0	49.1	
79 Toluene	91	7.047	7.047	0.000	93	242223	20.0	20.1	
80 trans-1,3-Dichloropropene	75	7.392	7.392	0.000	97	65389	20.0	20.1	
81 Ethyl methacrylate	69	7.425	7.425	0.000	86	71338	20.0	22.2	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	96	39568	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	97	57983	20.0	20.2	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	74216	20.0	20.8	
85 2-Hexanone	43	7.885	7.885	0.000	96	126716	100.0	106.5	
86 n-Butyl acetate	43	8.000	8.000	0.000	98	77941	20.0	23.7	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	48086	20.0	19.5	
88 Ethylene Dibromide	107	8.213	8.213	0.000	100	40902	20.0	20.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	86	163710	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	95	144495	20.0	19.9	
91 Ethylbenzene	106	8.887	8.887	0.000	98	90359	20.0	20.9	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	96	61624	20.0	21.0	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	111159	20.0	20.4	
94 n-Butyl acrylate	73	9.479	9.479	0.000	98	45583	20.0	21.4	
95 o-Xylene	106	9.495	9.495	0.000	94	118636	20.0	20.8	
96 Styrene	104	9.528	9.528	0.000	96	182725	20.0	21.6	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	91	88907	20.0	22.9	
98 Bromoform	173	9.733	9.733	0.000	97	33724	20.0	21.0	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	307523	20.0	21.6	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	89	65234	50.0	51.7	
101 Bromobenzene	156	10.144	10.144	0.000	99	66823	20.0	20.5	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	68120	20.0	20.9	
103 N-Propylbenzene	91	10.194	10.194	0.000	99	361623	20.0	21.2	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	94	18665	20.0	20.0	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	86	12888	20.0	15.5	
106 2-Chlorotoluene	91	10.284	10.284	0.000	89	239450	20.0	20.3	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	297456	20.0	21.0	a
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	93	260770	20.0	20.6	a
109 4-Chlorotoluene	91	10.383	10.383	0.000	96	210934	20.0	20.8	
110 Butyl Methacrylate	87	10.424	10.424	0.000	87	97427	20.0	22.0	
111 tert-Butylbenzene	119	10.580	10.580	0.000	94	188563	20.0	19.5	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	97	267701	20.0	20.4	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	318490	20.0	20.6	a
114 4-Isopropyltoluene	119	10.835	10.835	0.000	98	273481	20.0	20.5	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	97	138668	20.0	20.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	95346	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	143875	20.0	20.9	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	282901	20.0	21.3	
118 Benzyl chloride	91	11.015	11.015	0.000	99	147068	20.0	21.9	a
119 2,3-Dihydroindene	117	11.056	11.056	0.000	95	279124	20.0	21.2	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	156385	20.0	20.8	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	151018	20.0	20.9	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	96	142564	20.0	20.7	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.566	0.000	97	275606	20.0	21.2	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	96	12686	20.0	16.9	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	98	115996	20.0	20.8	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	104864	20.0	20.0	
127 Hexachlorobutadiene	225	12.190	12.190	0.000	95	42883	20.0	20.6	
128 Naphthalene	128	12.305	12.305	0.000	99	231680	20.0	20.8	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	89891	20.0	19.0	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 131 Xylenes, Total	100				0		40.0	41.2	



### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

GAS Hi_00273	Amount Added: 2.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 2.00	Units: uL	
MIX I Hi_00098	Amount Added: 2.00	Units: uL	
Ethanol mix_00019	Amount Added: 2.00	Units: uL	
ACROLEIN W_00081	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71259.D

Injection Date: 01-Oct-2018 00:04:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

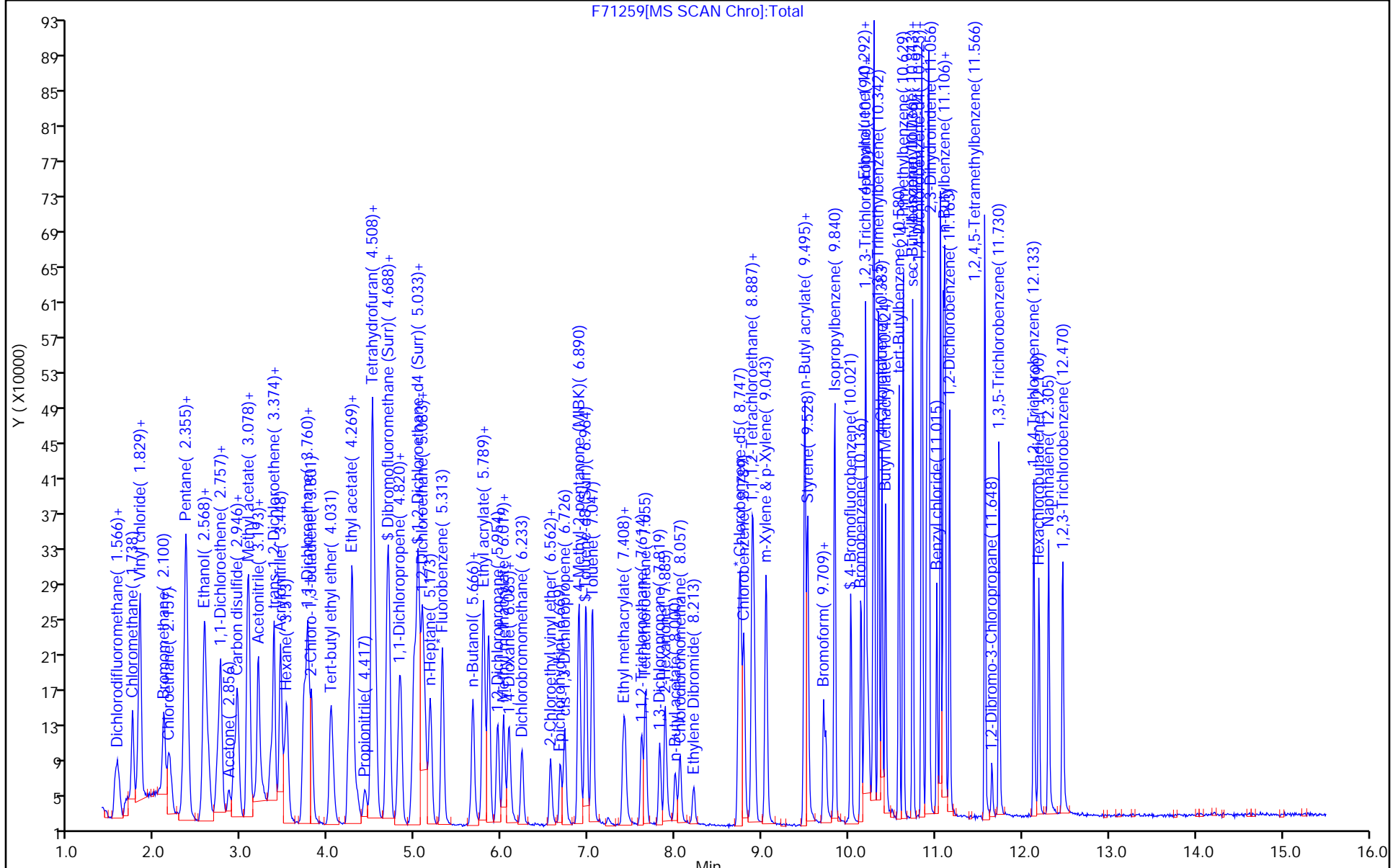
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

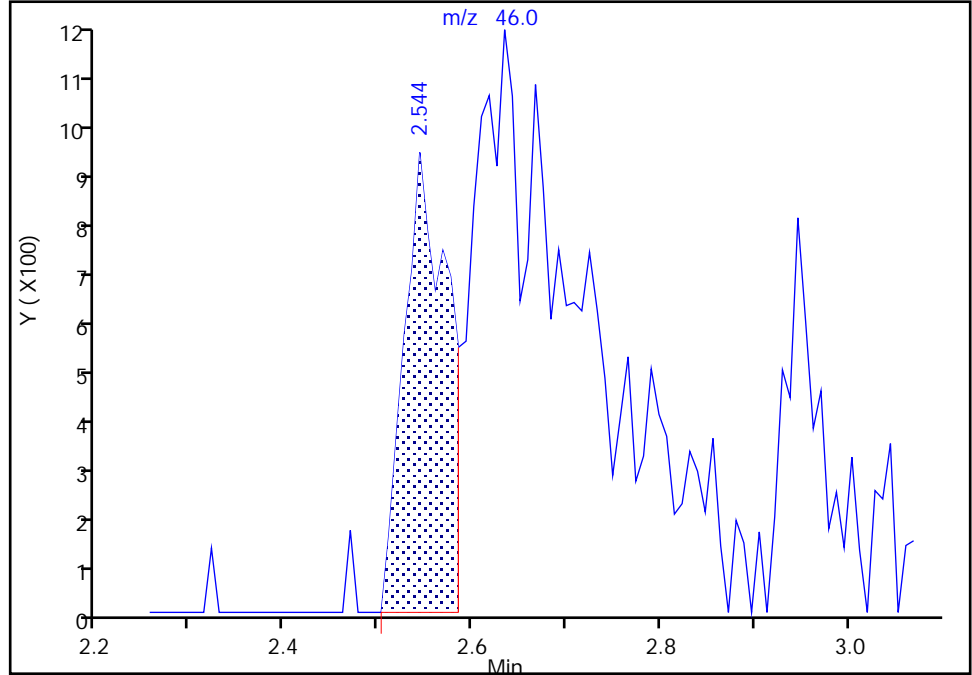
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

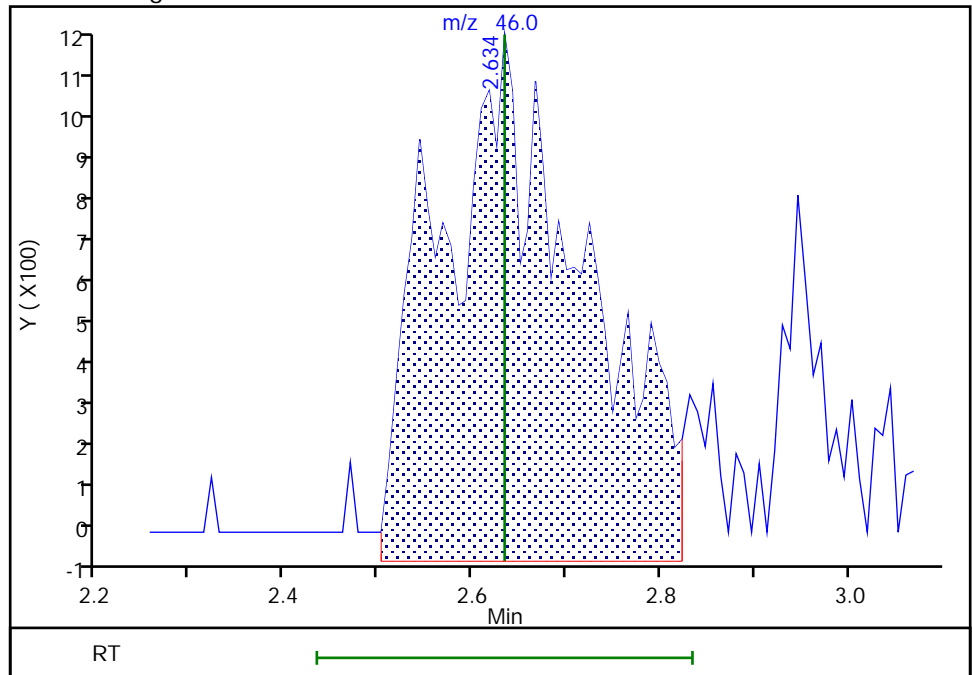
RT: 2.54  
Area: 2834  
Amount: 150.4333  
Amount Units: ug/l

Processing Integration Results



RT: 2.63  
Area: 12627  
Amount: 982.7218  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 09:40:50  
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
Page 347 of 520

TestAmerica Edison

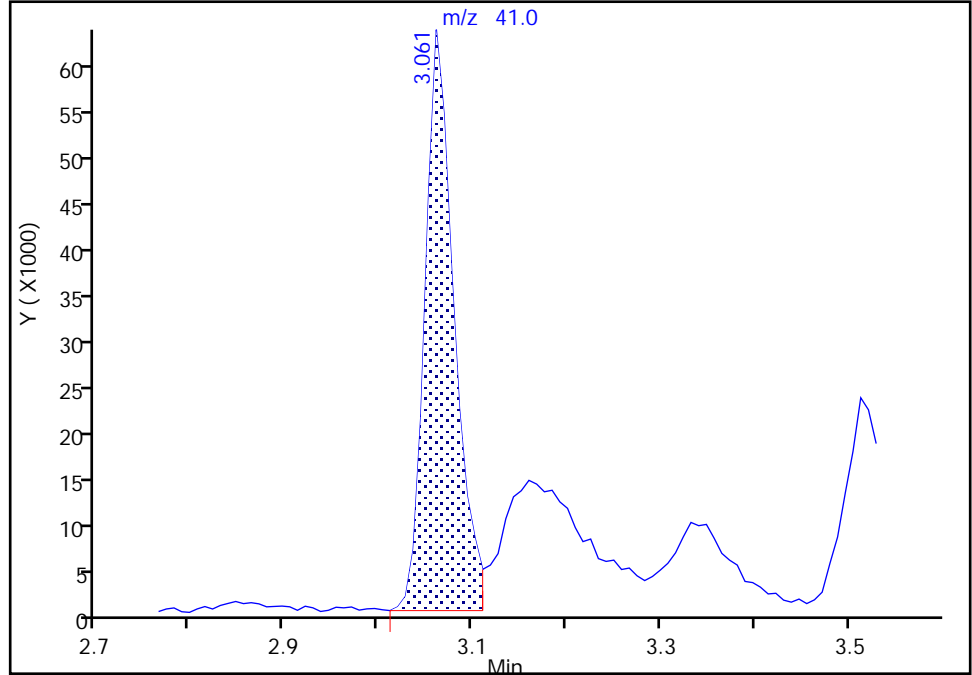
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Injection Date: 01-Oct-2018 00:04:30 Instrument ID: CVOAMS6  
Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

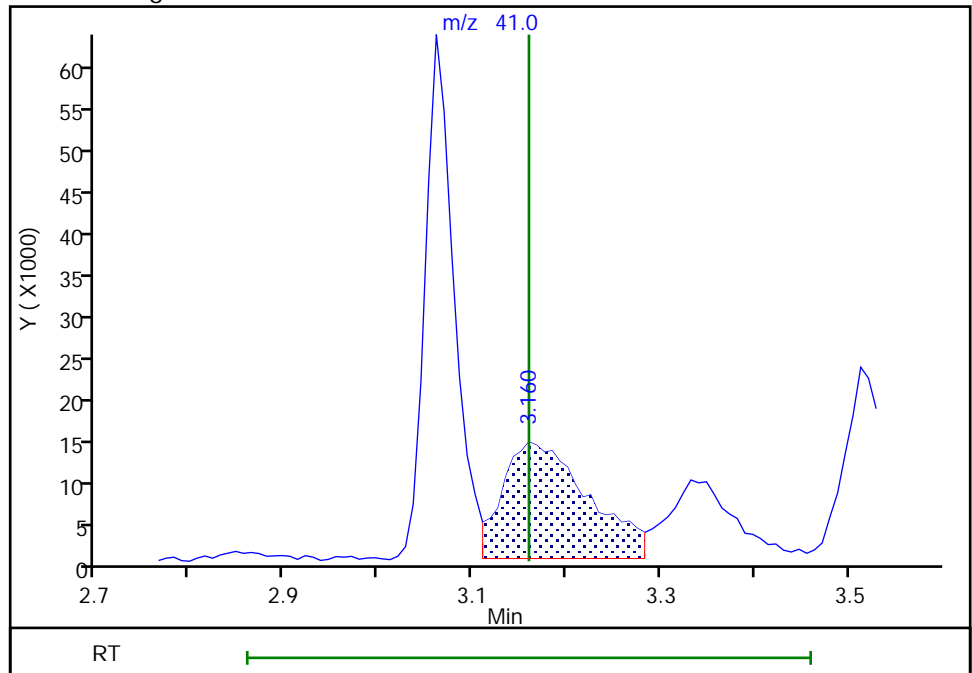
RT: 3.06  
Area: 134527  
Amount: 222.5597  
Amount Units: ug/l

Processing Integration Results



RT: 3.16  
Area: 88573  
Amount: 211.4445  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 09:41:03  
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

TestAmerica Edison

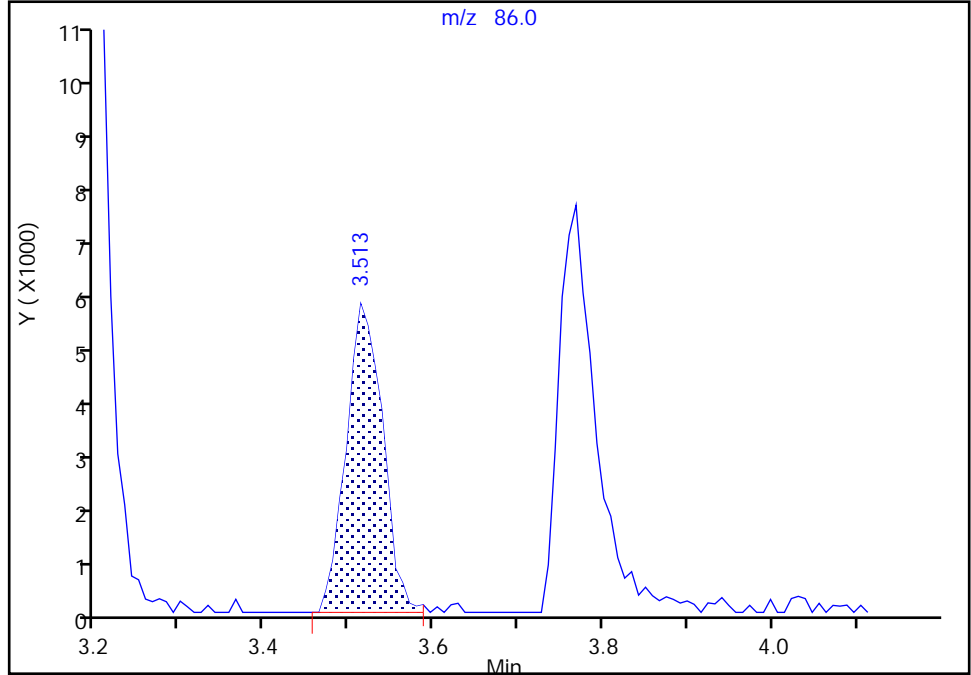
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

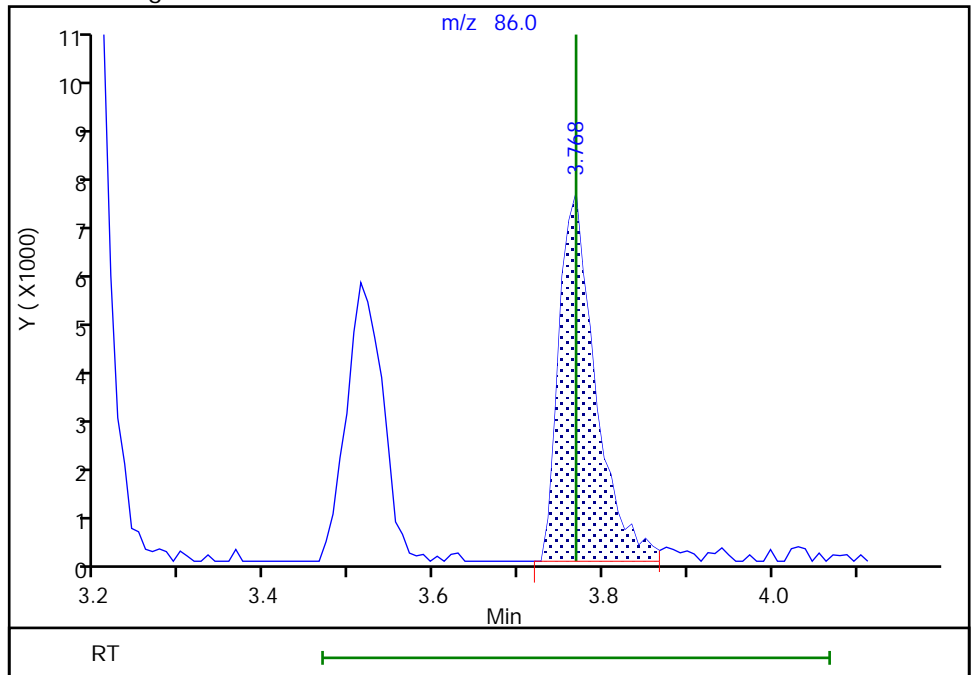
RT: 3.51  
Area: 16737  
Amount: 40.094796  
Amount Units: ug/l

Processing Integration Results



RT: 3.77  
Area: 22092  
Amount: 40.034428  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

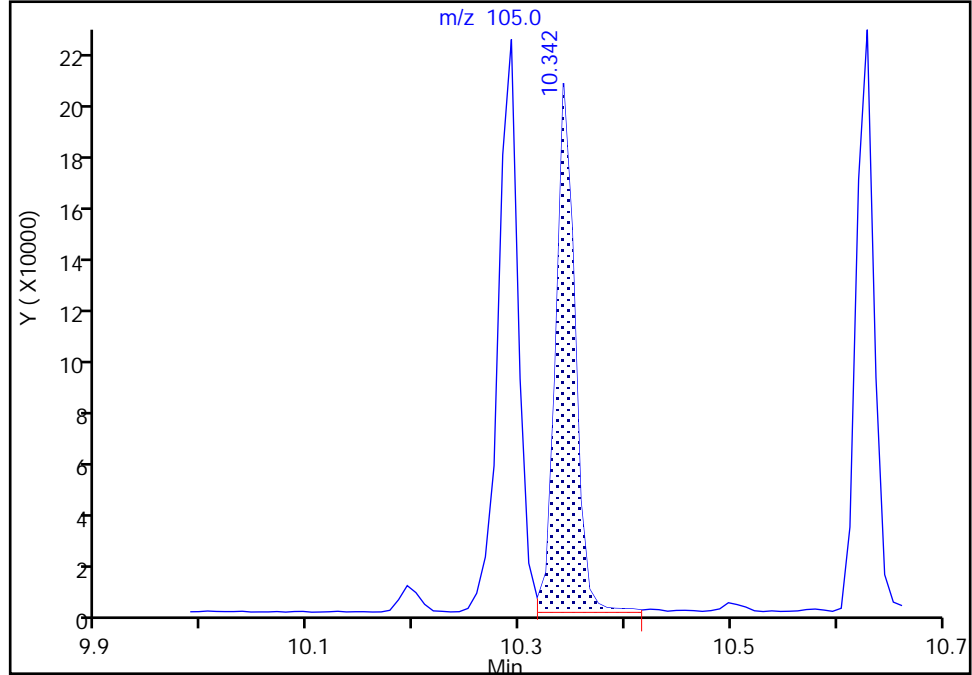
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

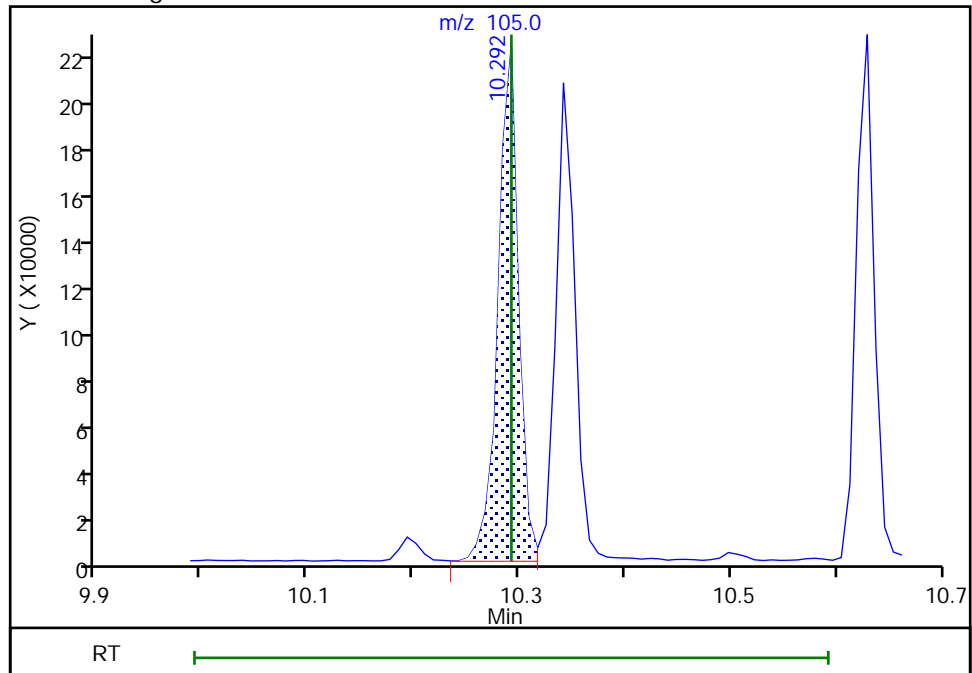
RT: 10.34  
Area: 261318  
Amount: 19.759763  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
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Amount: 20.958828  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

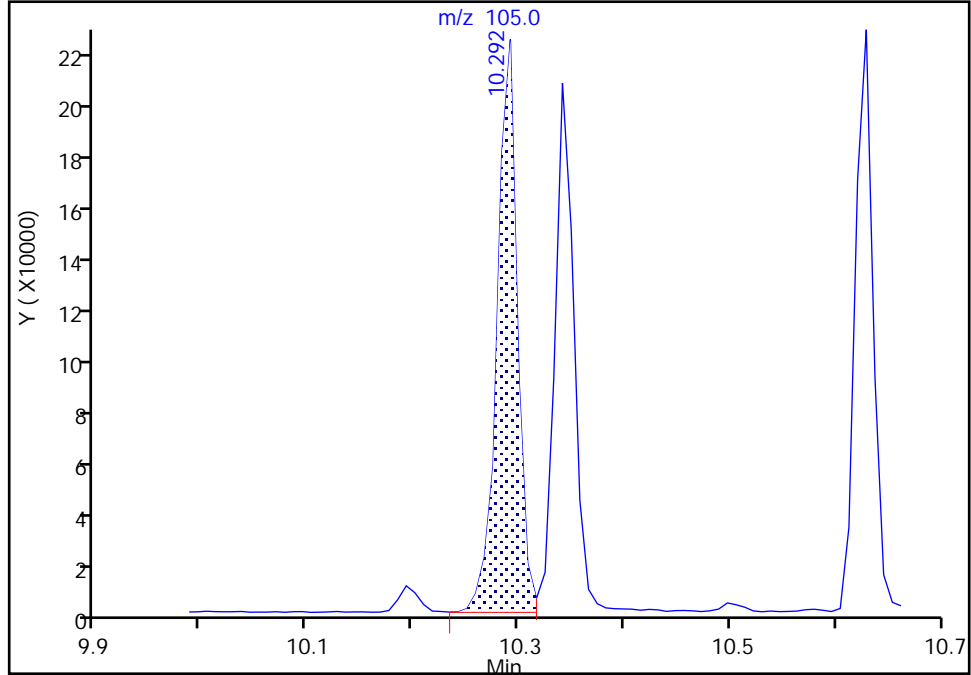
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

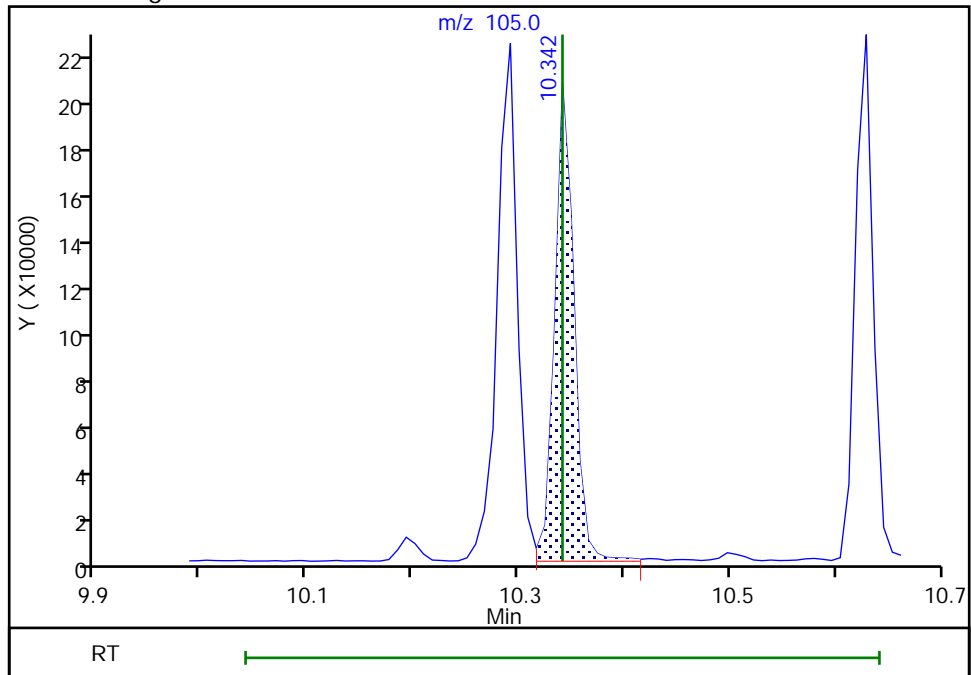
RT: 10.29  
Area: 296995  
Amount: 21.837147  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 260770  
Amount: 20.643471  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

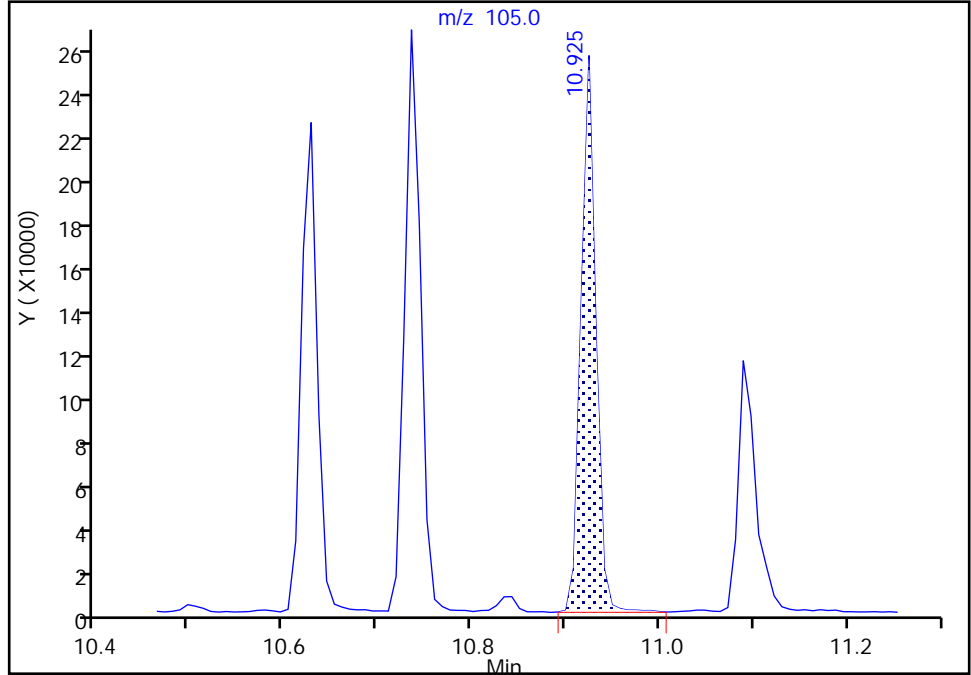
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

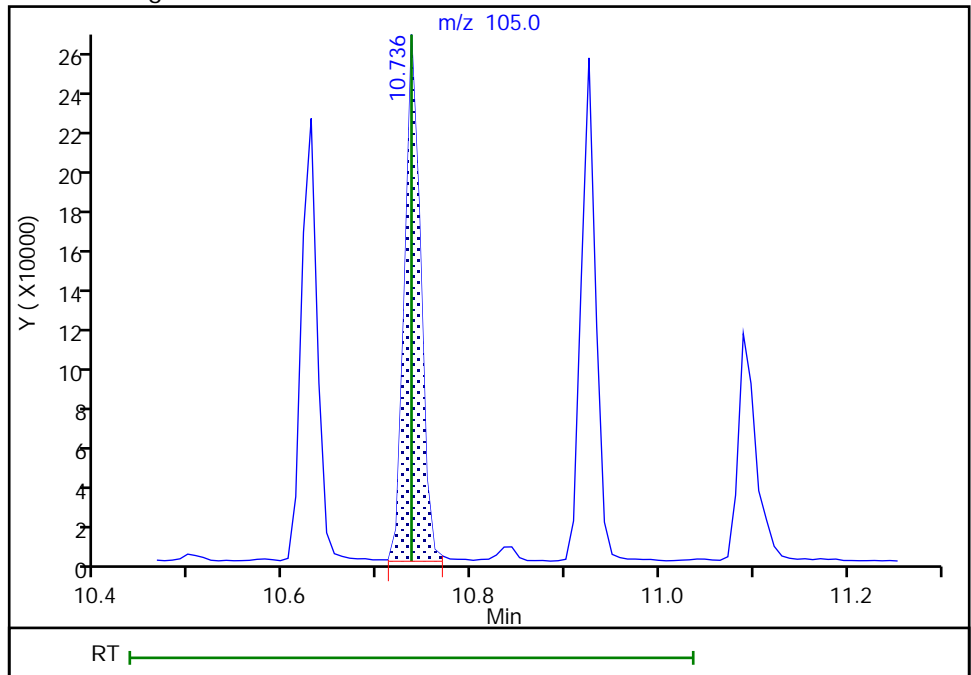
RT: 10.92  
Area: 281655  
Amount: 40.755503  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 318490  
Amount: 20.573030  
Amount Units: ug/l

Manual Integration Results





TestAmerica Edison

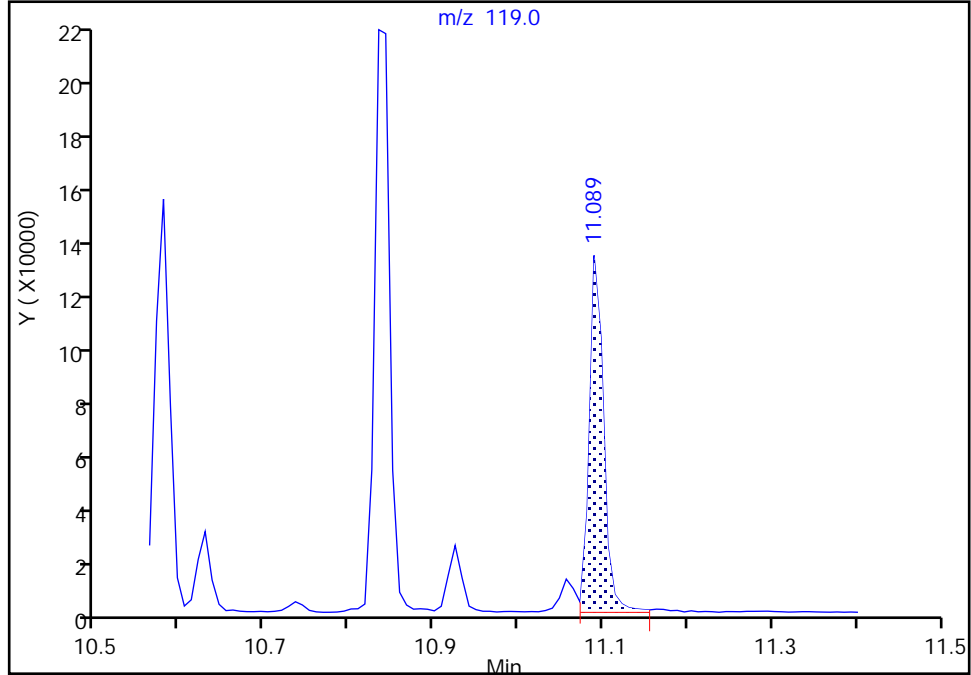
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Lims ID: STD20  
Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

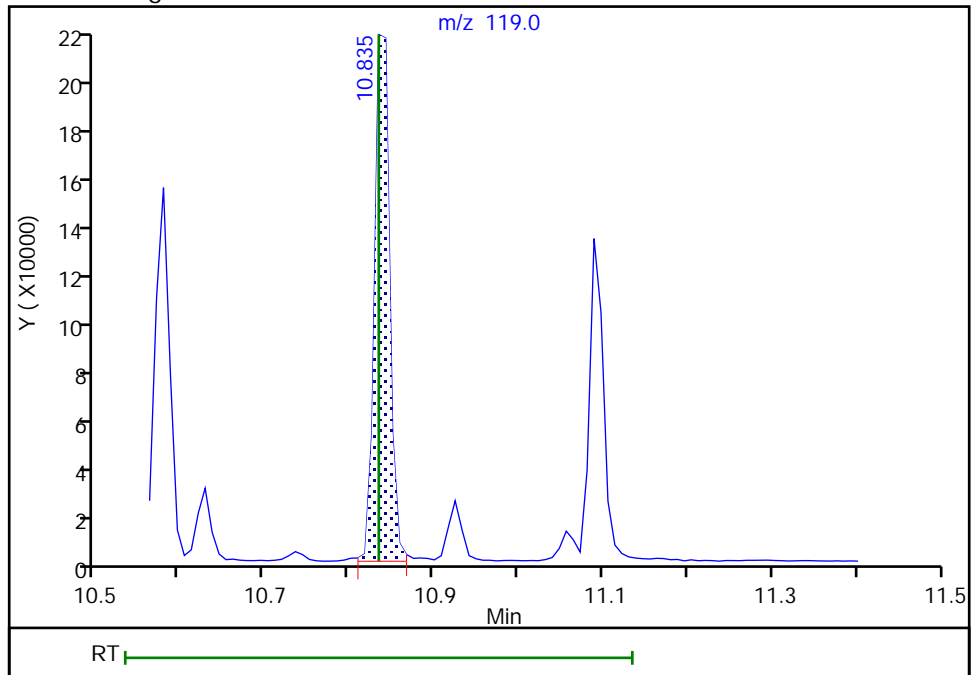
RT: 11.09  
Area: 156385  
Amount: 20.608633  
Amount Units: ug/l

Processing Integration Results



RT: 10.83  
Area: 273481  
Amount: 20.499642  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

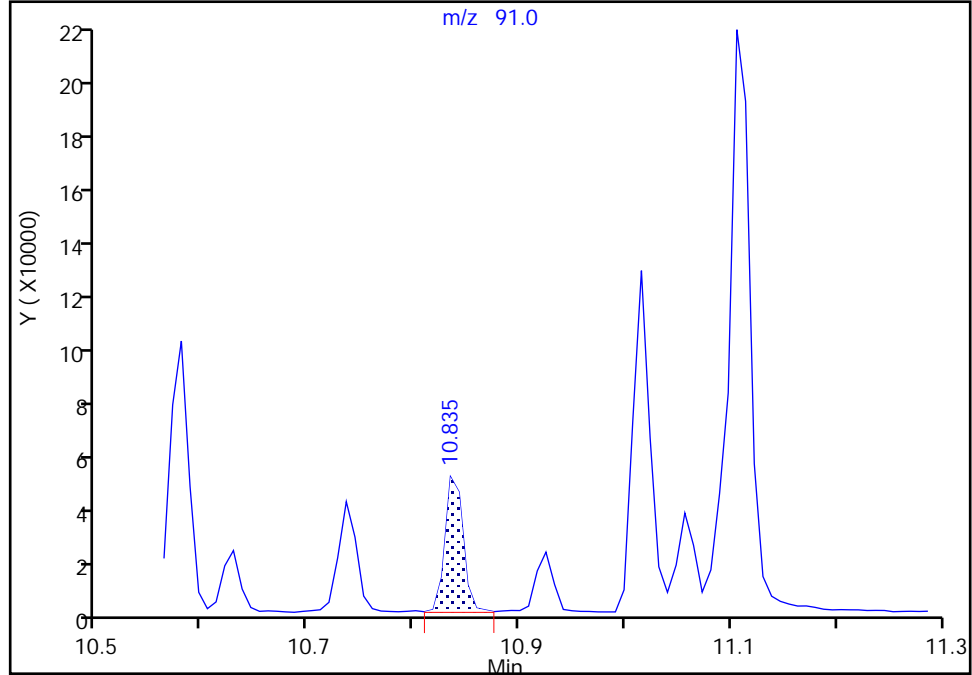
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Client ID:  
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

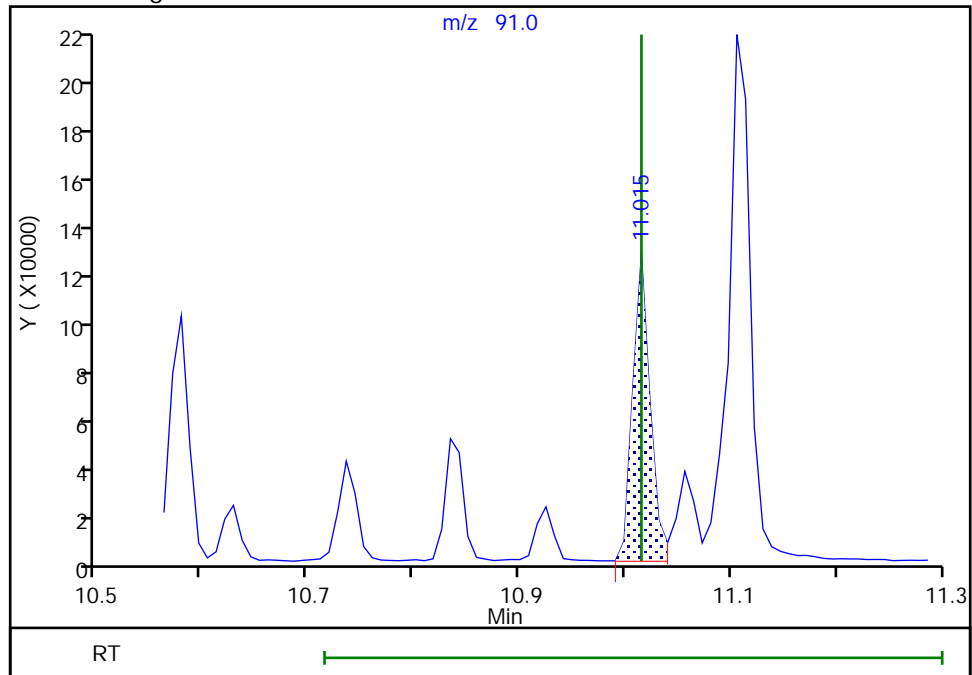
RT: 10.83  
Area: 60961  
Amount: 18.878172  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 147068  
Amount: 21.861718  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 09:48:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71260.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 01-Oct-2018 00:28:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0079524-007  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:53:48 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: moroneyc

Date: 01-Oct-2018 09:47:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.533	1.541	-0.008	91	107951	50.0	48.9	
2 Dichlorodifluoromethane	85	1.574	1.566	0.008	99	249932	50.0	49.7	
3 Chloromethane	50	1.739	1.738	0.001	99	299640	50.0	50.5	
5 Butadiene	54	1.821	1.821	0.000	96	236369	50.0	45.2	
4 Vinyl chloride	62	1.829	1.829	0.000	98	292039	50.0	49.8	
6 Bromomethane	94	2.100	2.100	0.000	99	207159	50.0	50.3	
7 Chloroethane	64	2.158	2.157	0.001	98	170729	50.0	51.2	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	99	368196	50.0	50.3	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	98	269375	50.0	51.4	
10 Pentane	72	2.355	2.363	-0.008	96	62416	100.0	90.1	
12 Ethyl ether	59	2.544	2.552	-0.008	93	131341	50.0	49.4	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	96	150240	50.0	45.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.609	-0.008	95	148361	50.0	48.8	
11 Ethanol	46	2.634	2.634	0.000	67	29447	2000.0	2325.2	a
15 Acrolein	56	2.725	2.733	-0.008	69	48726	100.0	94.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.725	2.733	-0.008	97	162754	50.0	50.2	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	97	168830	50.0	50.1	
18 Acetone	43	2.848	2.856	-0.008	88	212857	250.0	201.2	
19 Iodomethane	142	2.905	2.913	-0.008	97	300850	50.0	50.9	
21 Carbon disulfide	76	2.946	2.946	0.000	99	635503	50.0	50.3	
20 Isopropyl alcohol	45	2.955	2.987	-0.032	26	109136	500.0	609.1	M
22 3-Chloro-1-propene	41	3.061	3.061	0.000	97	321125	50.0	49.5	
24 Methyl acetate	43	3.070	3.078	-0.008	96	203952	100.0	95.2	
23 Cyclopentene	67	3.078	3.086	-0.008	93	424808	50.0	49.4	
25 Acetonitrile	41	3.144	3.160	-0.016	96	209692	500.0	507.9	a
27 Methylene Chloride	84	3.185	3.193	-0.008	91	199760	50.0	50.5	
* 26 TBA-d9 (IS)	65	3.226	3.217	0.009	0	116790	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.283	3.283	0.000	93	152715	500.0	478.5	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	414296	50.0	53.0	
30 trans-1,2-Dichloroethene	96	3.366	3.374	-0.008	93	183963	50.0	52.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.448	3.448	0.000	96	584584	500.0	563.8	
32 Hexane	43	3.513	3.513	0.000	91	139884	50.0	44.6	
33 Isopropyl ether	45	3.719	3.719	0.000	97	558319	50.0	52.4	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	95	305823	50.0	50.8	
35 Vinyl acetate	86	3.760	3.768	-0.008	100	53881	100.0	97.5	a
36 2-Chloro-1,3-butadiene	88	3.801	3.809	-0.008	89	151916	50.0	51.2	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	479627	50.0	52.2	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	107015	250.0	250.0	
39 2,2-Dichloropropane	97	4.245	4.253	-0.008	94	62665	50.0	48.6	
42 Ethyl acetate	70	4.278	4.277	0.001	94	26722	100.0	95.2	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	98	194324	50.0	51.0	
41 2-Butanone (MEK)	72	4.278	4.286	-0.008	97	70550	250.0	245.6	
43 Methyl acrylate	55	4.327	4.335	-0.008	99	91458	50.0	44.7	a
44 Propionitrile	54	4.425	4.425	0.000	98	192989	500.0	549.0	
46 Tetrahydrofuran	72	4.491	4.499	-0.008	55	34133	100.0	89.4	
45 Chlorobromomethane	128	4.499	4.499	0.000	83	84857	50.0	48.9	
47 Methacrylonitrile	67	4.508	4.508	0.000	90	532333	500.0	510.3	
48 Chloroform	83	4.549	4.549	0.000	99	271909	50.0	49.0	
49 Cyclohexane	84	4.680	4.680	0.000	90	266938	50.0	48.2	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	97	251270	50.0	50.7	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	61742	50.0	50.0	
52 Carbon tetrachloride	117	4.812	4.812	0.000	99	209024	50.0	51.6	
53 1,1-Dichloropropene	75	4.828	4.836	-0.008	98	203154	50.0	49.4	
54 Isobutyl alcohol	43	4.992	4.984	0.008	42	233593	1250.0	1340.9	
55 Benzene	78	5.034	5.033	0.001	95	628602	50.0	49.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	60214	50.0	49.4	
57 Isopropyl acetate	43	5.083	5.083	0.000	95	407401	50.0	51.2	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	93	542072	50.0	53.1	
59 1,2-Dichloroethane	62	5.116	5.116	0.000	95	162580	50.0	49.3	
60 n-Heptane	57	5.173	5.173	0.000	89	116913	50.0	47.8	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	249556	50.0	50.0	
62 n-Butanol	56	5.625	5.641	-0.016	85	73253	1250.0	1400.5	
63 Trichloroethene	95	5.666	5.666	0.000	99	148028	50.0	50.2	
64 Methylcyclohexane	83	5.790	5.789	0.001	92	307977	50.0	50.0	
65 Ethyl acrylate	55	5.781	5.789	-0.008	97	360874	50.0	50.9	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	158958	50.0	51.3	
68 Methyl methacrylate	100	6.020	6.019	0.001	86	64319	100.0	106.7	
* 67 1,4-Dioxane-d8	96	6.020	6.003	0.017	0	12621	1000.0	1000.0	
69 1,4-Dioxane	88	6.069	6.069	0.000	28	27511	1000.0	990.7	
70 n-Propyl acetate	43	6.069	6.077	-0.008	97	153862	50.0	61.0	
71 Dibromomethane	93	6.085	6.085	0.000	97	83946	50.0	49.3	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	185391	50.0	49.2	
73 2-Nitropropane	41	6.562	6.562	0.000	77	53587	100.0	98.1	
74 2-Chloroethyl vinyl ether	63	6.554	6.562	-0.008	76	73536	50.0	48.5	
75 Epichlorohydrin	57	6.669	6.669	0.000	99	234844	1000.0	1153.0	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	89	207404	50.0	51.0	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.890	-0.008	94	615036	250.0	277.0	
\$ 78 Toluene-d8 (Surr)	98	6.965	6.964	0.001	100	217756	50.0	50.2	
79 Toluene	91	7.047	7.047	0.000	94	605685	50.0	50.3	
80 trans-1,3-Dichloropropene	75	7.392	7.392	0.000	96	167330	50.0	51.3	
81 Ethyl methacrylate	69	7.416	7.425	-0.009	88	173830	50.0	54.1	
82 1,1,2-Trichloroethane	83	7.605	7.614	-0.009	97	97798	50.0	47.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	97	140644	50.0	48.9	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	92	180106	50.0	50.4	
85 2-Hexanone	43	7.877	7.885	-0.008	95	320354	250.0	262.5	
86 n-Butyl acetate	43	7.992	8.000	-0.008	99	186541	50.0	56.7	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	121593	50.0	49.2	
88 Ethylene Dibromide	107	8.205	8.213	-0.008	99	103636	50.0	51.6	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	85	163871	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	95	364195	50.0	50.1	
91 Ethylbenzene	106	8.887	8.887	0.000	98	227313	50.0	52.6	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	98	151824	50.0	51.6	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	279240	50.0	51.2	
94 n-Butyl acrylate	73	9.479	9.479	0.000	98	112730	50.0	52.9	
95 o-Xylene	106	9.495	9.495	0.000	95	295633	50.0	51.7	
96 Styrene	104	9.528	9.528	0.000	96	449784	50.0	53.1	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	91	236502	50.0	60.4	
98 Bromoform	173	9.734	9.733	0.001	97	84155	50.0	52.3	
99 Isopropylbenzene	105	9.840	9.840	0.000	96	755710	50.0	53.1	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	91	65236	50.0	51.7	
101 Bromobenzene	156	10.136	10.144	-0.008	99	164184	50.0	49.8	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	166709	50.0	50.6	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	868506	50.0	50.3	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	98	44663	50.0	47.4	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	79	36520	50.0	43.5	
106 2-Chlorotoluene	91	10.284	10.284	0.000	90	586313	50.0	49.1	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	724074	50.0	50.5	a
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	94	641840	50.0	50.3	a
109 4-Chlorotoluene	91	10.383	10.383	0.000	96	509066	50.0	49.8	
110 Butyl Methacrylate	87	10.424	10.424	0.000	87	239773	50.0	53.7	
111 tert-Butylbenzene	119	10.580	10.580	0.000	95	484134	50.0	49.6	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	97	655989	50.0	49.6	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	791761	50.0	50.7	a
114 4-Isopropyltoluene	119	10.835	10.835	0.000	97	677905	50.0	50.3	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	97	336174	50.0	49.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	95	96233	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	345230	50.0	49.6	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	98	683915	50.0	50.9	
118 Benzyl chloride	91	11.015	11.015	0.000	99	360091	50.0	53.0	a
119 2,3-Dihydroindene	117	11.057	11.056	0.001	95	668923	50.0	50.4	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	390866	50.0	51.4	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	368750	50.0	50.6	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	96	346242	50.0	49.8	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.566	0.000	98	676420	50.0	51.5	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	95	31237	50.0	41.3	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	98	279348	50.0	49.5	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	260789	50.0	49.3	
127 Hexachlorobutadiene	225	12.190	12.190	0.000	96	104589	50.0	49.7	
128 Naphthalene	128	12.297	12.305	-0.008	99	589551	50.0	52.3	
129 1,2,3-Trichlorobenzene	180	12.462	12.470	-0.008	95	235844	50.0	49.5	
S 130 1,2-Dichloroethene, Total	100				0		100.0	103.6	
S 131 Xylenes, Total	100				0		100.0	102.9	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

GAS Hi_00273	Amount Added: 5.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 5.00	Units: uL	
MIX I Hi_00098	Amount Added: 5.00	Units: uL	
Ethanol mix_00019	Amount Added: 5.00	Units: uL	
ACROLEIN W_00081	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71260.D

Injection Date: 01-Oct-2018 00:28:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

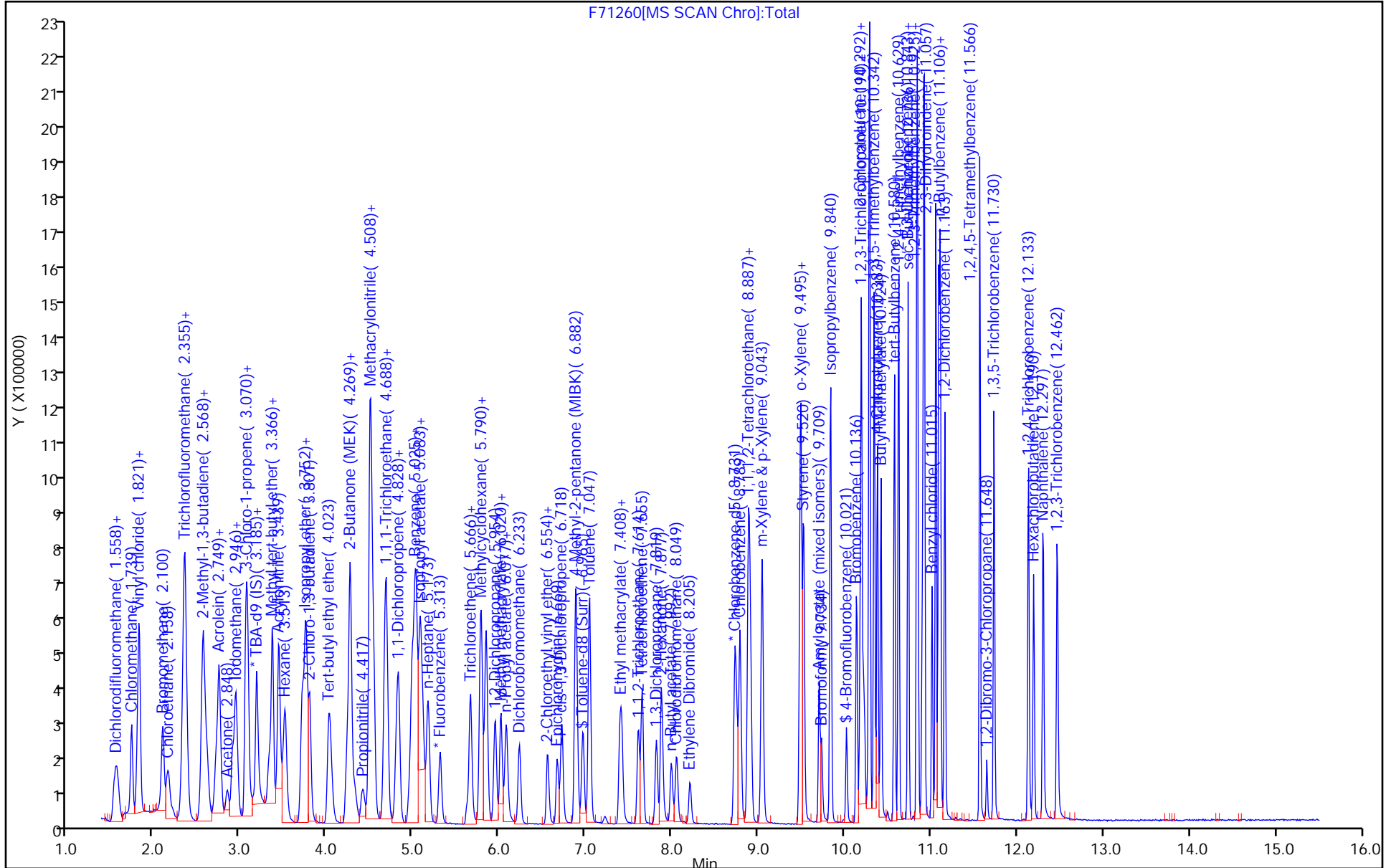
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

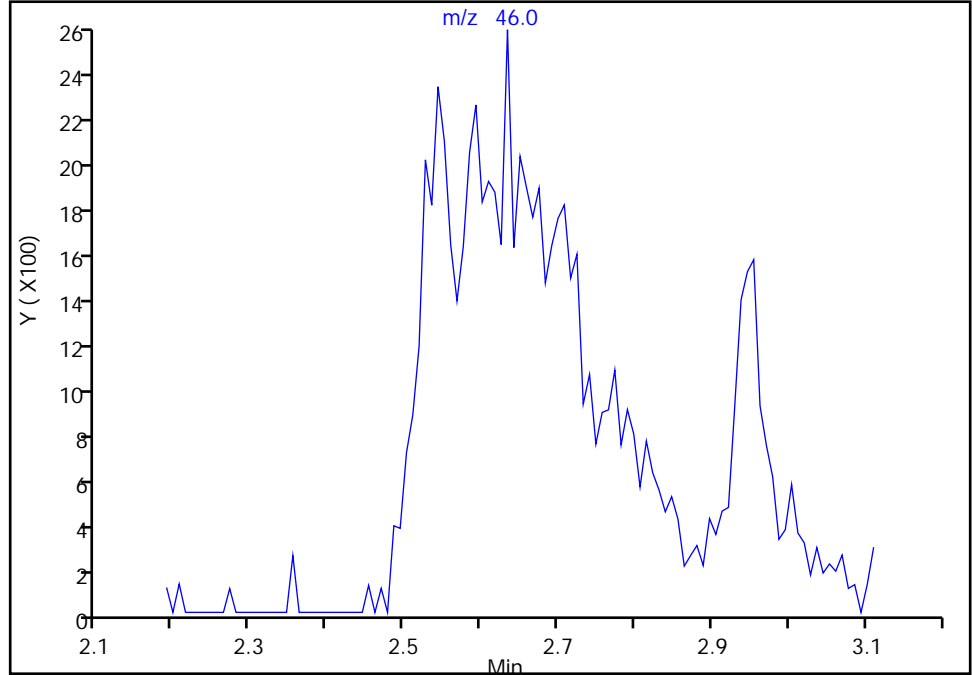
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

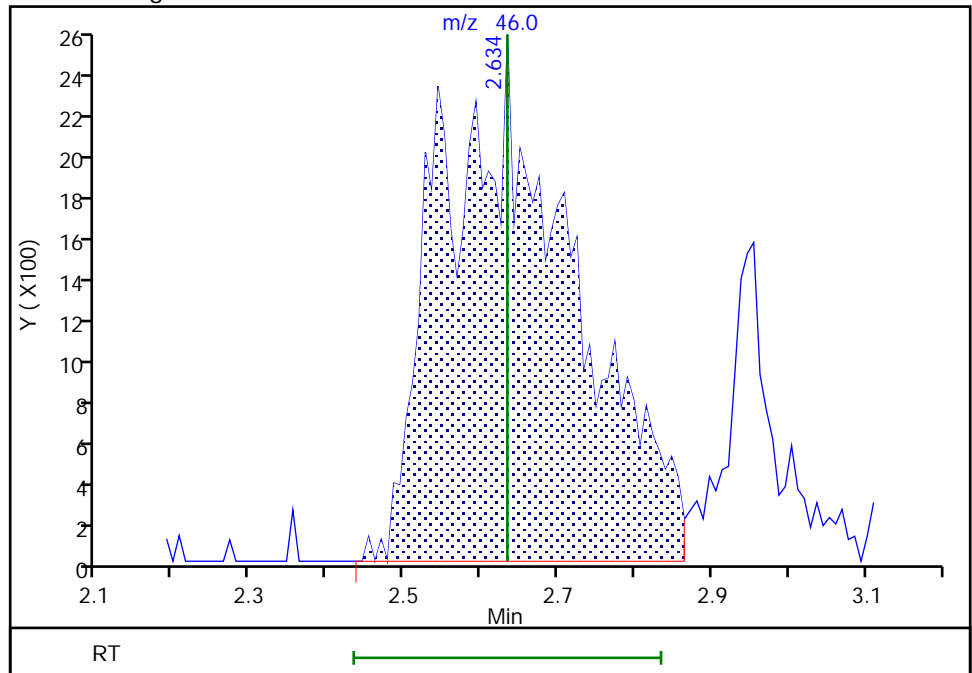
Not Detected  
Expected RT: 2.63

Processing Integration Results



Manual Integration Results

RT: 2.63  
Area: 29447  
Amount: 2325.1903  
Amount Units: ug/l





TestAmerica Edison

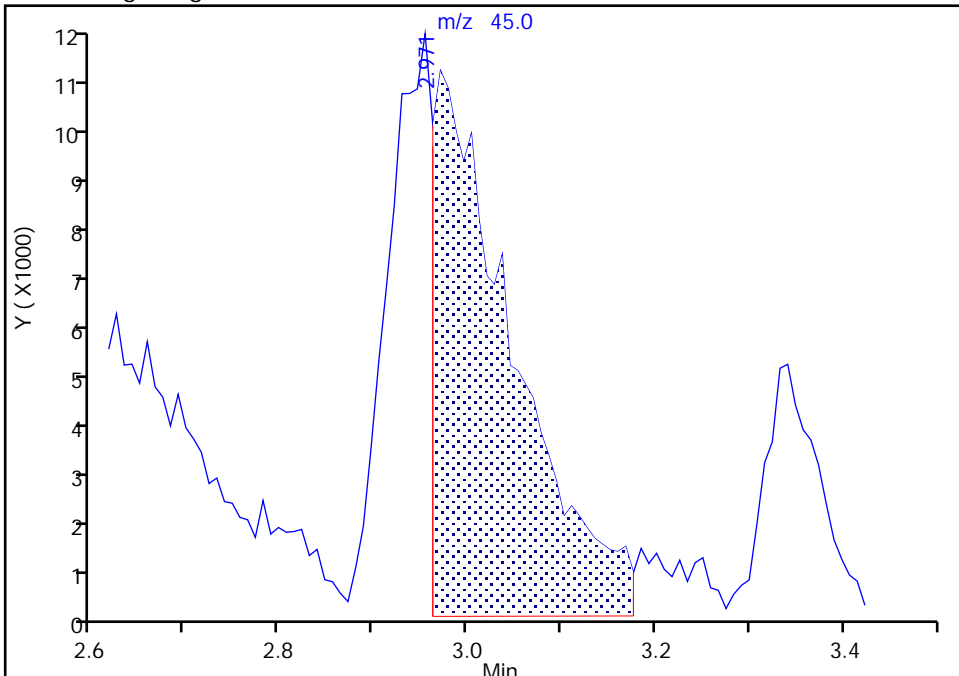
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

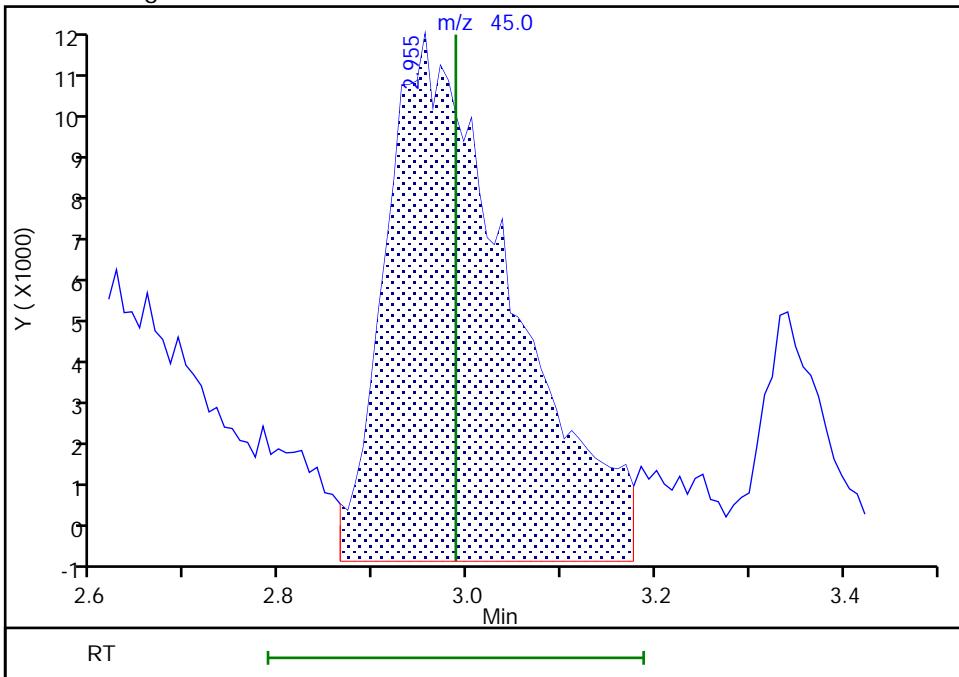
RT: 2.97  
Area: 60868  
Amount: 304.8644  
Amount Units: ug/l

Processing Integration Results



RT: 2.95  
Area: 109136  
Amount: 609.1481  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 09:45:56  
Audit Action: Manually Integrated

TestAmerica Edison

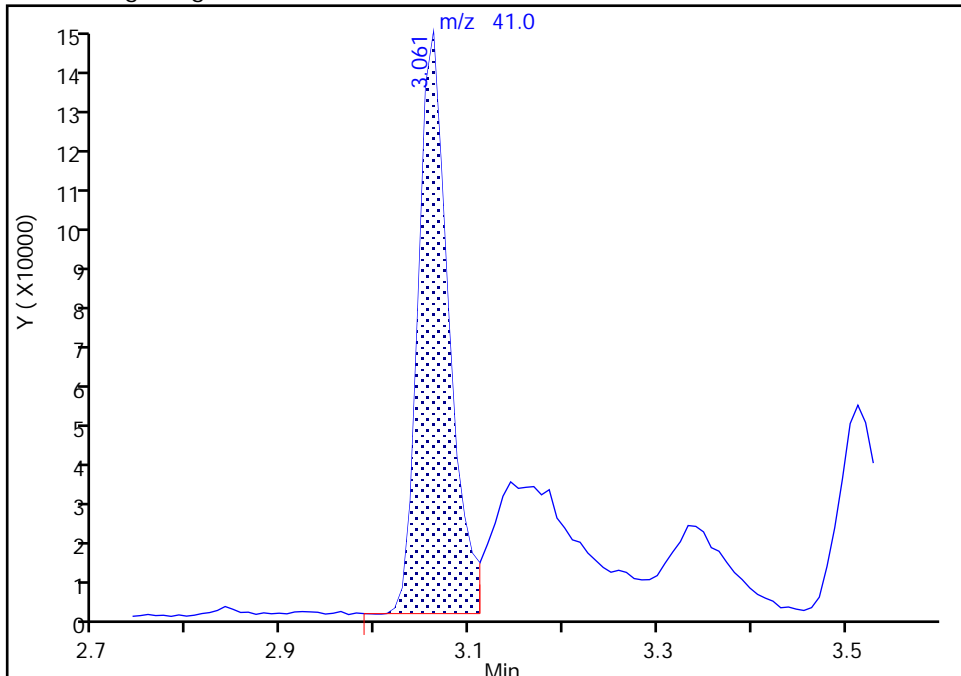
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

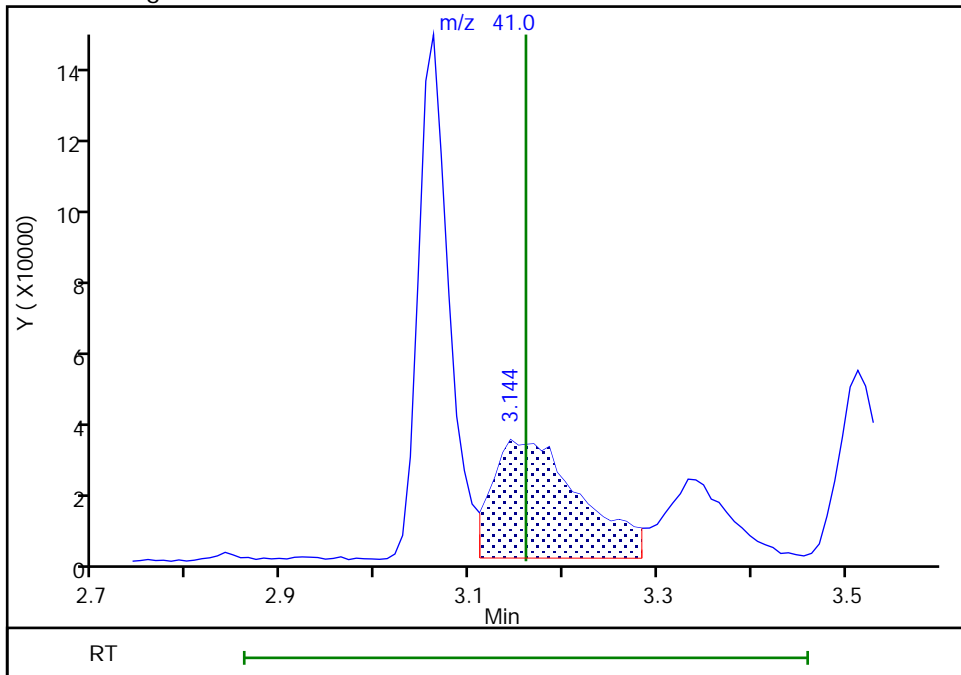
RT: 3.06  
Area: 320050  
Amount: 436.3294  
Amount Units: ug/l

Processing Integration Results



RT: 3.14  
Area: 209692  
Amount: 507.8833  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

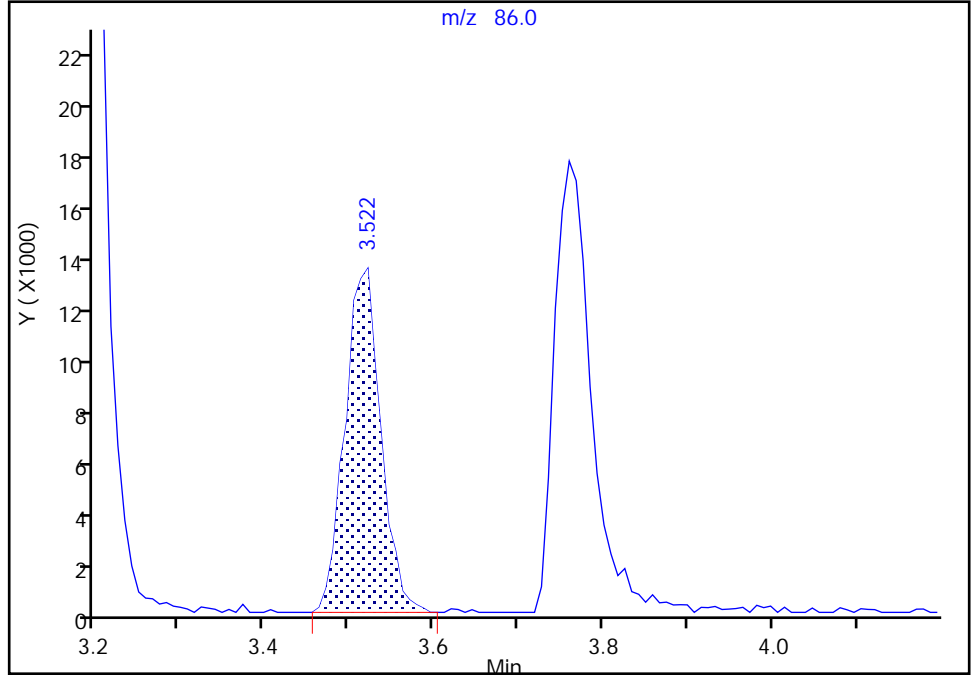
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

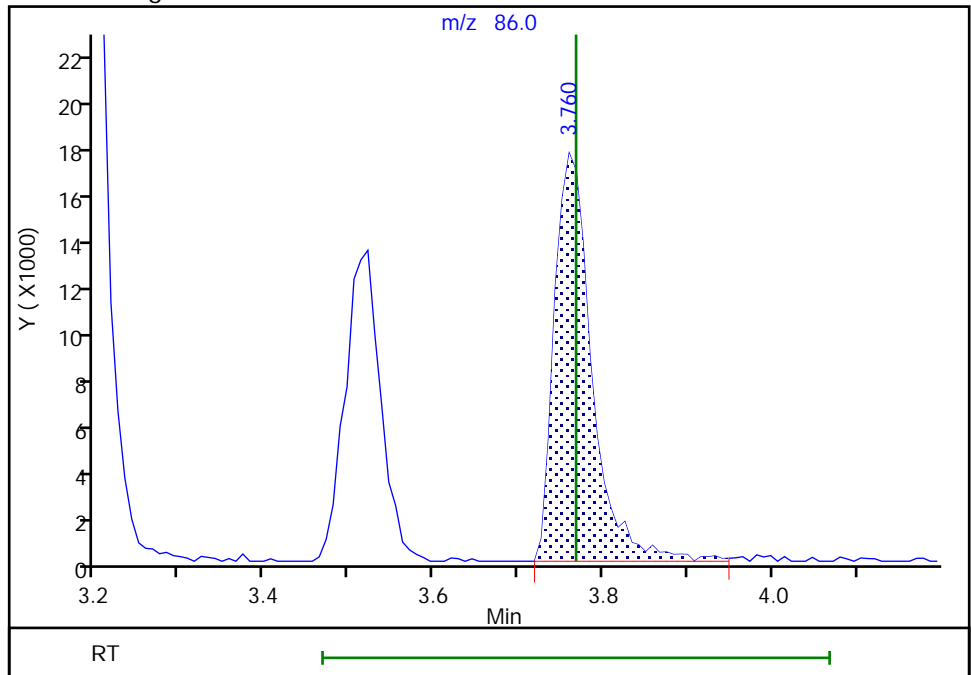
RT: 3.52  
Area: 38975  
Amount: 88.520166  
Amount Units: ug/l

Processing Integration Results



RT: 3.76  
Area: 53881  
Amount: 97.520165  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

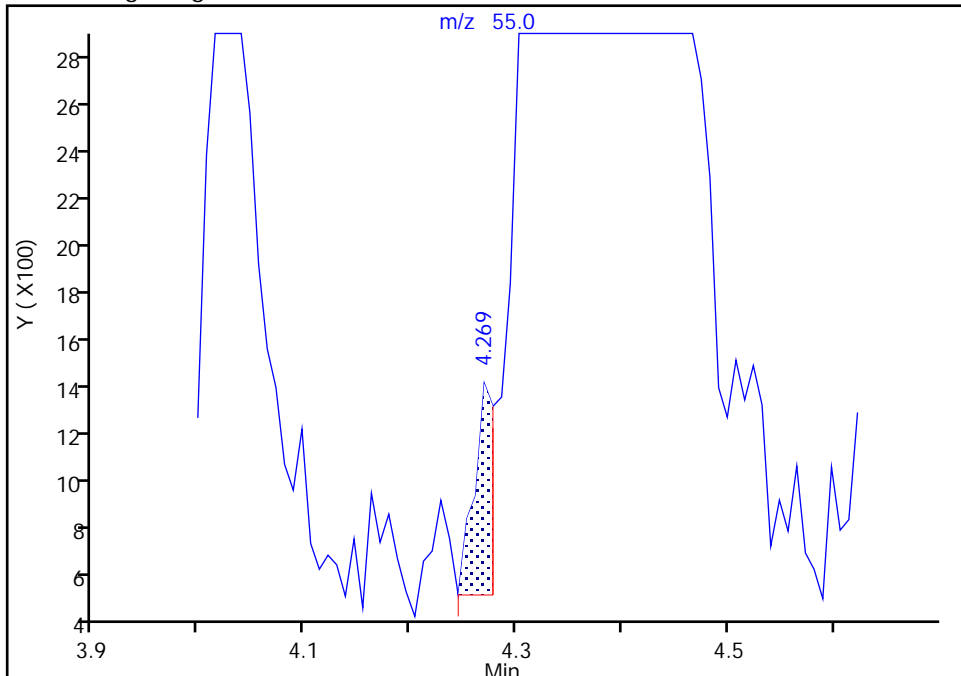
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

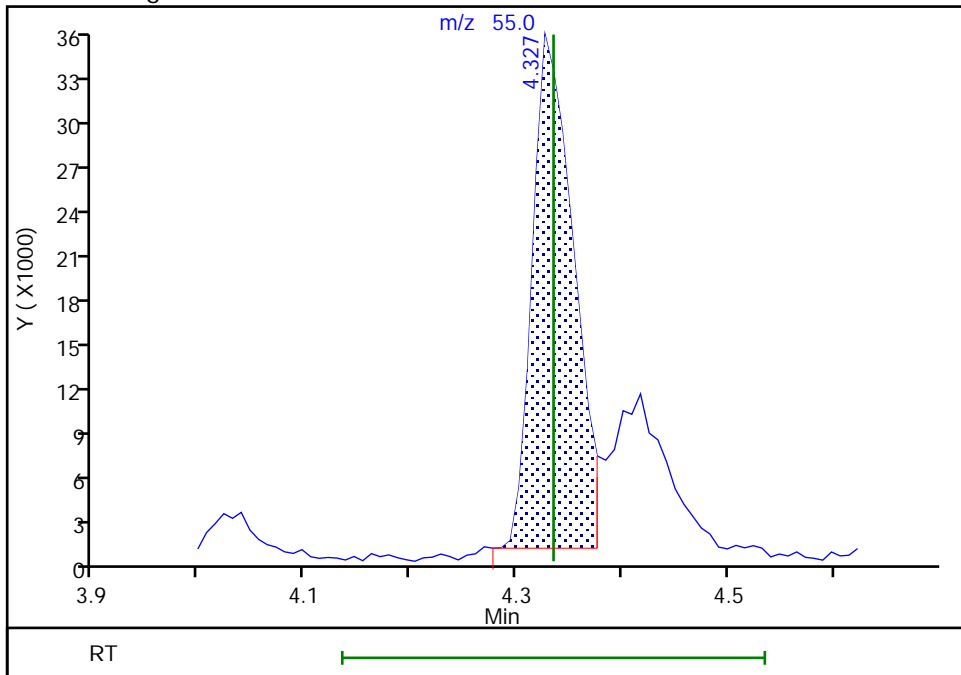
RT: 4.27  
Area: 1156  
Amount: 0.662961  
Amount Units: ug/l

Processing Integration Results



RT: 4.33  
Area: 91458  
Amount: 44.729301  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

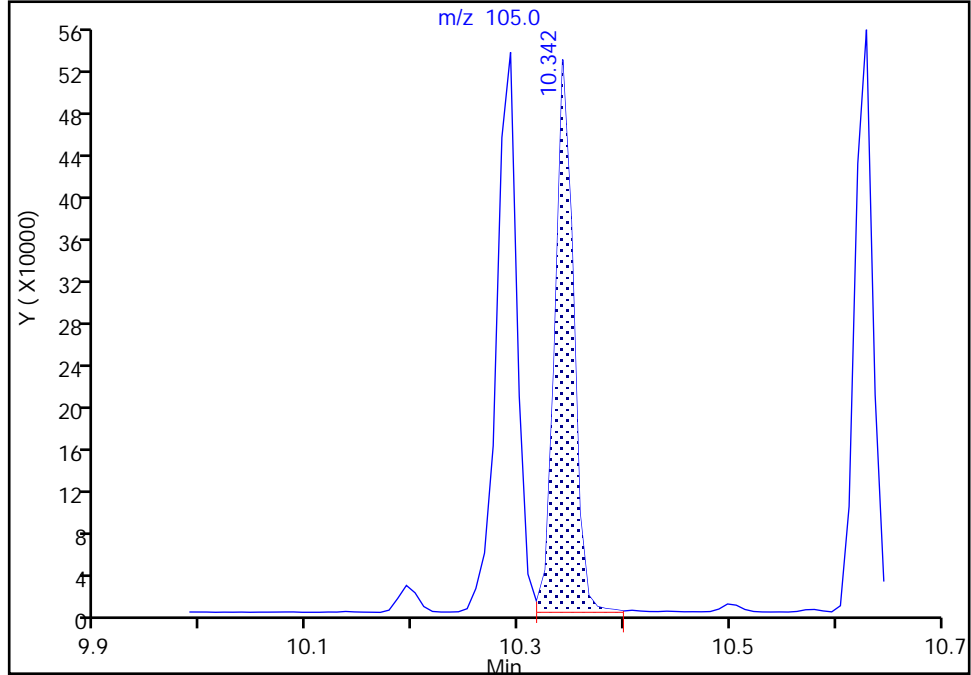
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71260.D  
Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

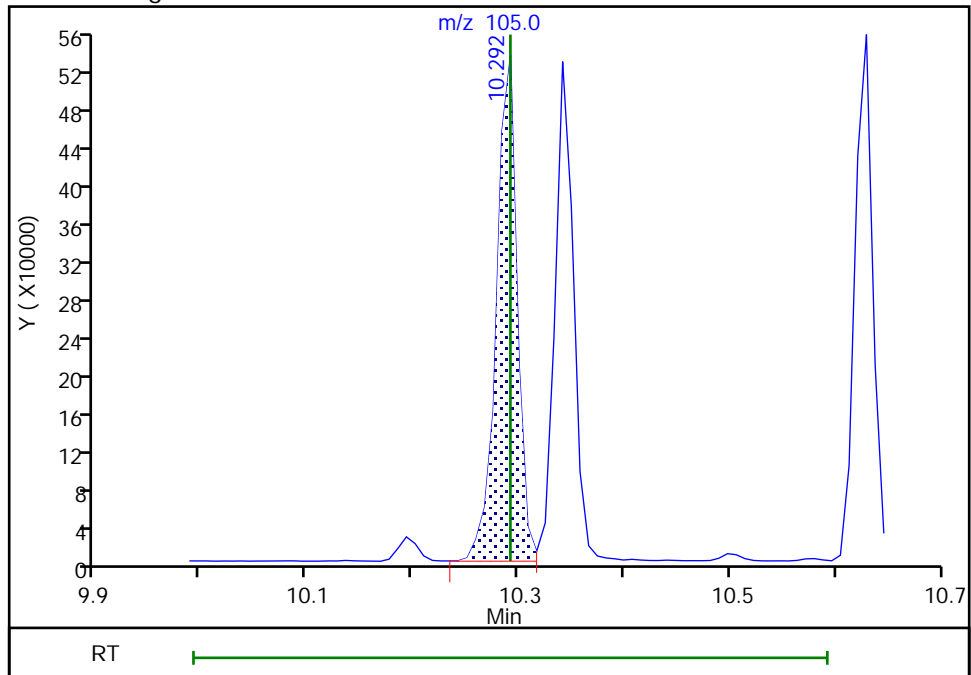
RT: 10.34  
Area: 641257  
Amount: 46.972566  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
Area: 724074  
Amount: 50.548197  
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 01-Oct-2018 15:06:13  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

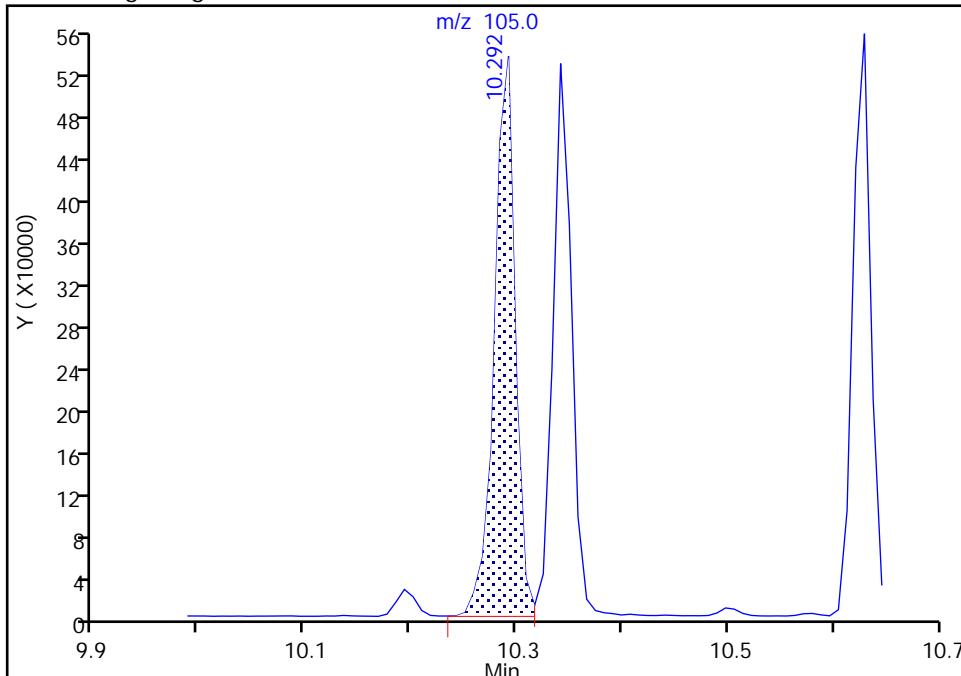
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71260.D  
Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

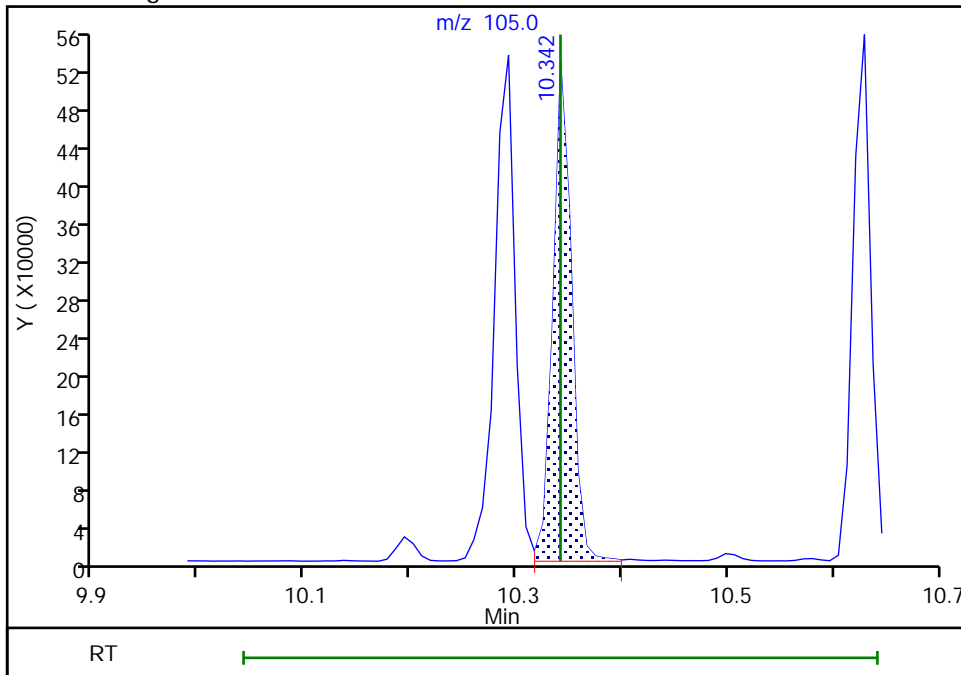
RT: 10.29  
Area: 724657  
Amount: 53.989073  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 641840  
Amount: 50.341984  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

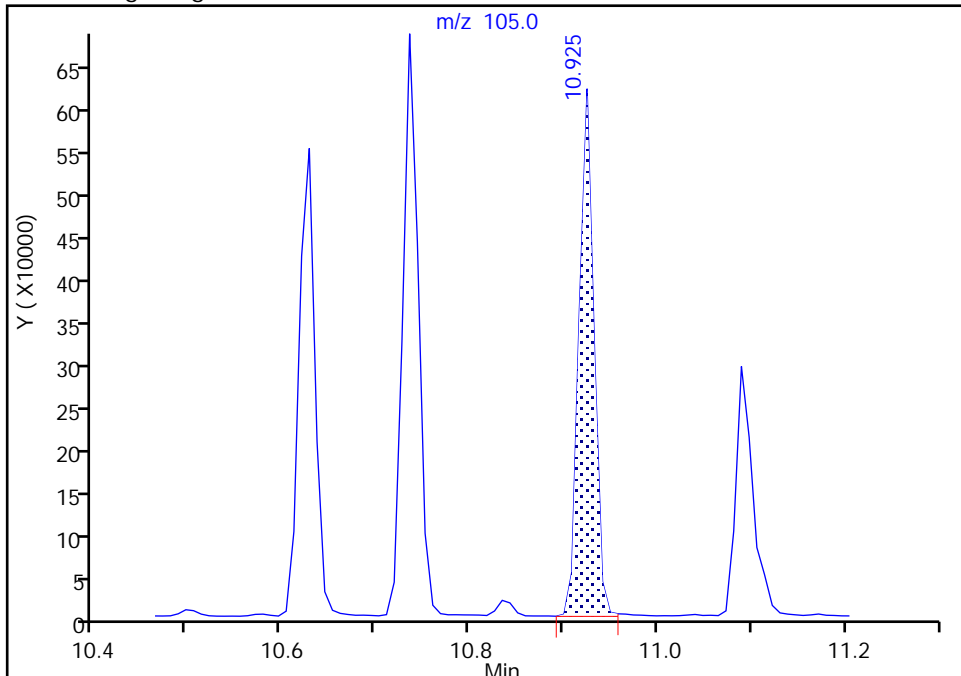
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

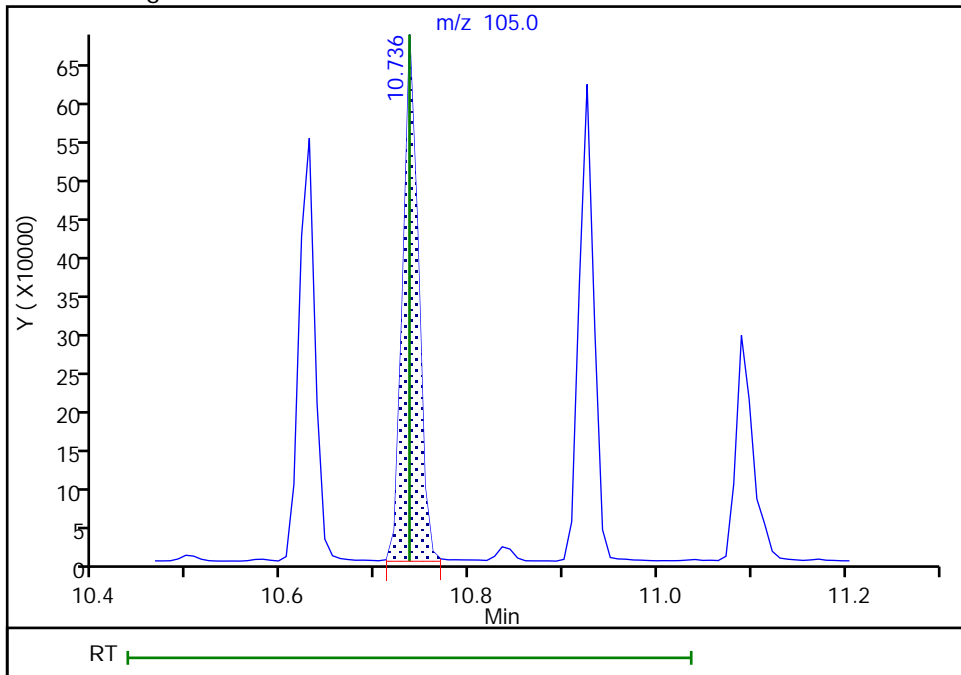
RT: 10.93  
Area: 683724  
Amount: 91.522997  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 791761  
Amount: 50.672813  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

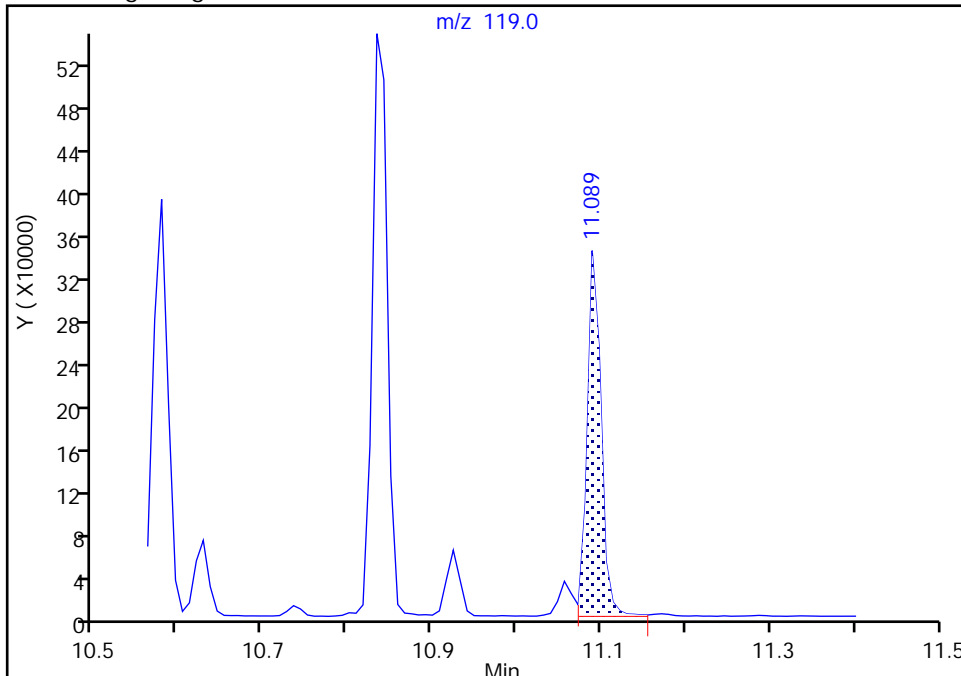
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71260.D  
Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

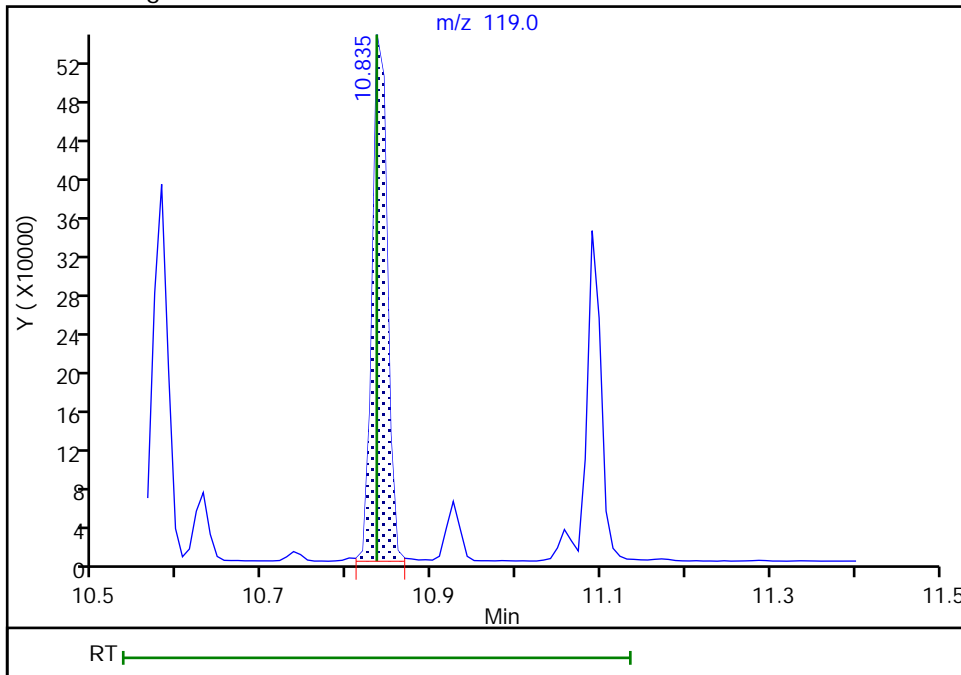
RT: 11.09  
Area: 390866  
Amount: 45.488381  
Amount Units: ug/l

Processing Integration Results



RT: 10.83  
Area: 677905  
Amount: 50.346167  
Amount Units: ug/l

Manual Integration Results





TestAmerica Edison

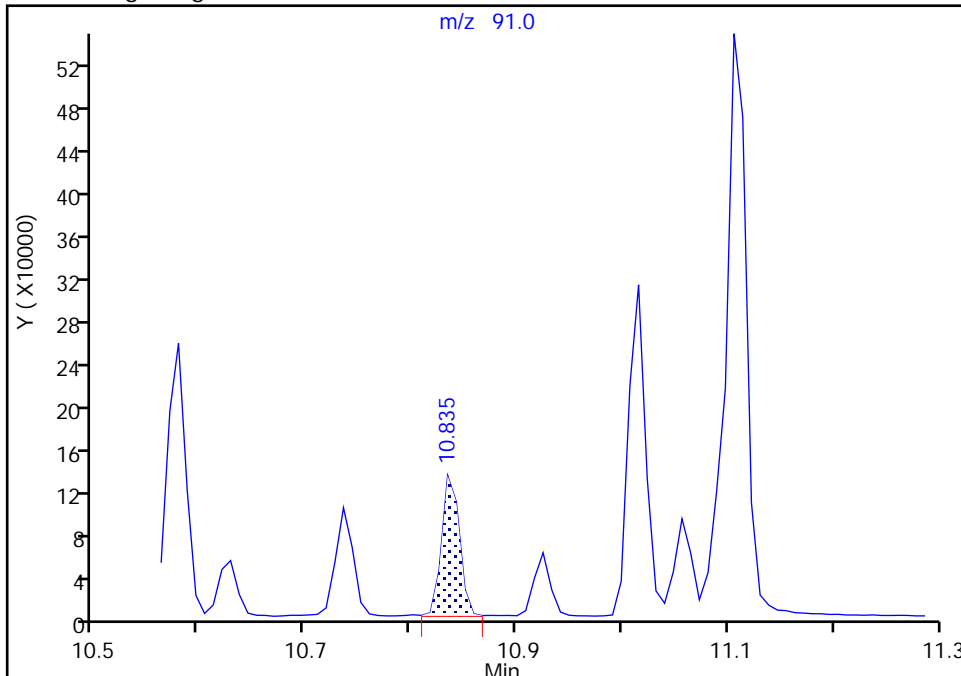
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Injection Date: 01-Oct-2018 00:28:30 Instrument ID: CVOAMS6  
Lims ID: STD50  
Client ID:  
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

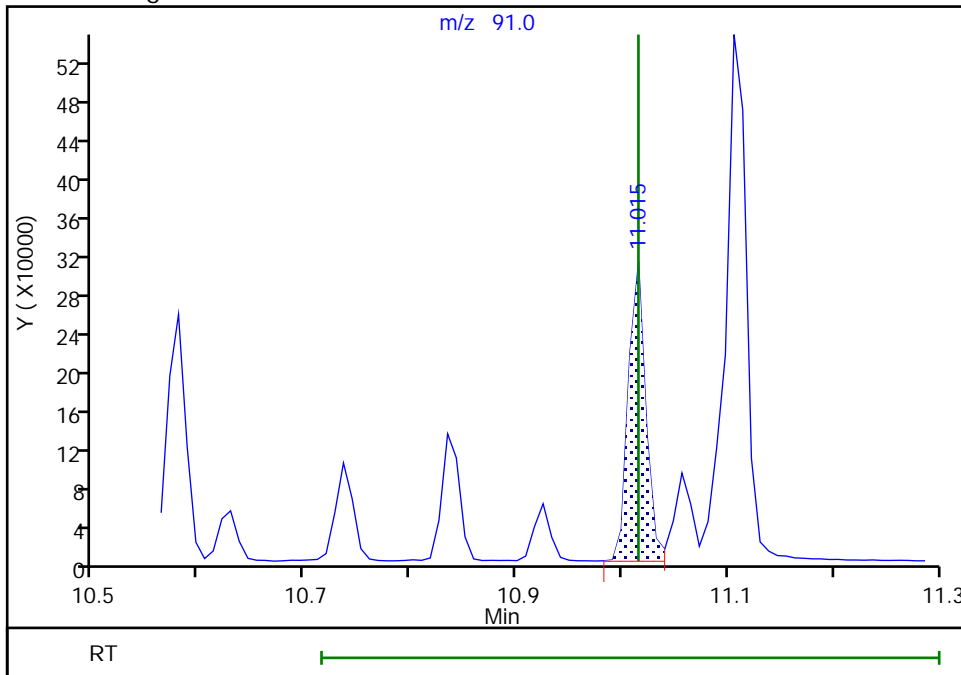
RT: 10.83  
Area: 155815  
Amount: 40.454282  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 360091  
Amount: 53.034298  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 09:49:51  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 01-Oct-2018 00:51:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0079524-008  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:54:08 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: moroneyc

Date: 01-Oct-2018 06:32:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	87	484422	200.0	203.0	
2 Dichlorodifluoromethane	85	1.574	1.566	0.008	100	1129740	200.0	207.8	
3 Chloromethane	50	1.738	1.738	0.000	99	1240670	200.0	193.2	
5 Butadiene	54	1.821	1.821	0.000	94	1111837	200.0	196.4	
4 Vinyl chloride	62	1.829	1.829	0.000	98	1218947	200.0	192.3	
6 Bromomethane	94	2.100	2.100	0.000	99	841416	200.0	188.7	
7 Chloroethane	64	2.158	2.157	0.001	99	665311	200.0	184.5	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	99	1391788	200.0	175.9	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	99	1093920	200.0	193.0	
10 Pentane	72	2.355	2.363	-0.008	97	284907	400.0	417.3	
12 Ethyl ether	59	2.544	2.552	-0.008	93	546411	200.0	189.8	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	95	634303	200.0	179.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.609	-0.008	96	588166	200.0	178.7	
11 Ethanol	46	2.544	2.634	-0.090	79	128925	8000.0	10331	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	97	695340	200.0	198.1	
15 Acrolein	56	2.716	2.733	-0.017	88	91682	200.0	181.2	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	98	708299	200.0	194.1	
18 Acetone	43	2.831	2.856	-0.025	88	1058992	1000.0	1029.7	
19 Iodomethane	142	2.905	2.913	-0.008	97	1238804	200.0	193.9	
21 Carbon disulfide	76	2.946	2.946	0.000	99	2682198	200.0	196.4	
20 Isopropyl alcohol	45	2.922	2.987	-0.065	97	385451	2000.0	2177.1	
22 3-Chloro-1-propene	41	3.053	3.061	-0.008	99	1286635	200.0	183.3	
24 Methyl acetate	43	3.061	3.078	-0.017	98	861057	400.0	371.4	
23 Cyclopentene	67	3.078	3.086	-0.008	94	1757400	200.0	188.8	
25 Acetonitrile	41	3.127	3.160	-0.033	99	912684	2000.0	2243.3	a
27 Methylene Chloride	84	3.185	3.193	-0.008	91	804422	200.0	188.1	
* 26 TBA-d9 (IS)	65	3.209	3.217	-0.008	0	115084	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.259	3.283	-0.024	55	634427	2000.0	2017.3	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	1611600	200.0	190.6	
30 trans-1,2-Dichloroethene	96	3.365	3.374	-0.009	93	736880	200.0	194.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.439	3.448	-0.009	96	2387868	2000.0	2128.7	
32 Hexane	43	3.513	3.513	0.000	91	614366	200.0	181.1	
33 Isopropyl ether	45	3.719	3.719	0.000	96	2117450	200.0	183.6	
34 1,1-Dichloroethane	63	3.752	3.760	-0.008	100	1249658	200.0	192.0	
35 Vinyl acetate	86	3.760	3.768	-0.008	100	273612	400.0	457.7	a
36 2-Chloro-1,3-butadiene	88	3.801	3.809	-0.008	89	626340	200.0	195.2	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	1787499	200.0	179.7	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	119811	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	96	254062	200.0	182.0	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	99	813792	200.0	197.4	
42 Ethyl acetate	70	4.278	4.277	0.001	95	117573	400.0	403.1	
41 2-Butanone (MEK)	72	4.278	4.286	-0.008	97	352389	1000.0	1095.8	
43 Methyl acrylate	55	4.335	4.335	0.000	100	457308	200.0	213.4	
44 Propionitrile	54	4.417	4.425	-0.008	98	828357	2000.0	2391.3	
45 Chlorobromomethane	128	4.491	4.499	-0.008	84	366960	200.0	195.5	
46 Tetrahydrofuran	72	4.491	4.499	-0.008	65	157930	400.0	405.0	
47 Methacrylonitrile	67	4.508	4.508	0.000	89	2383173	2000.0	2111.4	
48 Chloroform	83	4.540	4.549	-0.009	100	1144813	200.0	190.7	
49 Cyclohexane	84	4.680	4.680	0.000	89	1126503	200.0	187.9	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	98	1009450	200.0	188.3	
\$ 51 Dibromofluoromethane (Surr	113	4.697	4.705	-0.008	96	61670	50.0	46.1	
52 Carbon tetrachloride	117	4.812	4.812	0.000	99	854568	200.0	194.9	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	906577	200.0	203.6	
54 Isobutyl alcohol	43	4.968	4.984	-0.016	92	1050084	5000.0	6117.3	
55 Benzene	78	5.025	5.033	-0.008	97	2783464	200.0	210.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	65438	50.0	49.6	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	93	2031768	200.0	184.0	
57 Isopropyl acetate	43	5.075	5.083	-0.008	97	1632160	200.0	189.7	
59 1,2-Dichloroethane	62	5.124	5.116	0.008	95	749107	200.0	210.1	
60 n-Heptane	57	5.173	5.173	0.000	90	518763	200.0	196.2	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	269993	50.0	50.0	
62 n-Butanol	56	5.617	5.641	-0.024	86	355567	5000.0	6898.6	
63 Trichloroethene	95	5.666	5.666	0.000	99	666326	200.0	208.9	
65 Ethyl acrylate	55	5.781	5.789	-0.008	99	1575838	200.0	205.5	
64 Methylcyclohexane	83	5.789	5.789	0.000	92	1319814	200.0	198.2	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	695132	200.0	207.4	
* 67 1,4-Dioxane-d8	96	6.011	6.003	0.008	0	14551	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.019	0.000	86	286386	400.0	439.2	
69 1,4-Dioxane	88	6.069	6.069	0.000	87	127982	4000.0	3997.7	
70 n-Propyl acetate	43	6.069	6.077	-0.008	97	664308	200.0	243.5	
71 Dibromomethane	93	6.085	6.085	0.000	98	378412	200.0	205.3	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	846651	200.0	207.8	
74 2-Chloroethyl vinyl ether	63	6.554	6.562	-0.008	76	333947	200.0	201.5	
73 2-Nitropropane	41	6.562	6.562	0.000	79	233609	400.0	400.9	
75 Epichlorohydrin	57	6.669	6.669	0.000	99	1014833	4000.0	4450.4	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	90	988778	200.0	231.8	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.890	-0.008	94	2650323	1000.0	1066.2	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	99	231150	50.0	50.9	
79 Toluene	91	7.047	7.047	0.000	94	2650613	200.0	210.0	
80 trans-1,3-Dichloropropene	75	7.392	7.392	0.000	98	779571	200.0	228.1	
81 Ethyl methacrylate	69	7.416	7.425	-0.009	88	745793	200.0	221.5	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	97	436748	200.0	200.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	97	622985	200.0	206.8	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	831502	200.0	222.0	
85 2-Hexanone	43	7.877	7.885	-0.009	94	1483259	1000.0	1076.6	
86 n-Butyl acetate	43	7.992	8.000	-0.008	98	742149	200.0	215.1	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	552773	200.0	213.4	
88 Ethylene Dibromide	107	8.205	8.213	-0.008	99	463473	200.0	220.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	85	171747	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	94	1566285	200.0	205.6	
91 Ethylbenzene	106	8.887	8.887	0.000	98	936344	200.0	206.8	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	97	657923	200.0	213.4	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	1144321	200.0	200.2	
94 n-Butyl acrylate	73	9.479	9.479	0.000	98	437483	200.0	195.9	
95 o-Xylene	106	9.495	9.495	0.000	95	1214002	200.0	202.6	
96 Styrene	104	9.520	9.528	-0.008	96	1790684	200.0	201.6	
97 Amyl acetate (mixed isomer)	43	9.701	9.709	-0.008	91	889065	200.0	251.2	
98 Bromoform	173	9.734	9.733	0.001	97	341447	200.0	202.5	
99 Isopropylbenzene	105	9.840	9.840	0.000	96	3026380	200.0	202.8	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	90	60537	50.0	45.8	
101 Bromobenzene	156	10.136	10.144	-0.008	98	652530	200.0	219.2	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	656443	200.0	220.8	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	3315857	200.0	212.7	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	96	177944	200.0	209.1	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	91	160346	200.0	211.5	
106 2-Chlorotoluene	91	10.284	10.284	0.000	92	2328130	200.0	216.0	
107 4-Ethyltoluene	105	10.292	10.292	0.000	88	2702355	200.0	208.8	a
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	94	2493618	200.0	216.5	a
109 4-Chlorotoluene	91	10.383	10.383	0.000	97	1927307	200.0	208.8	
110 Butyl Methacrylate	87	10.424	10.424	0.000	87	888808	200.0	220.2	
111 tert-Butylbenzene	119	10.580	10.580	0.000	95	2148613	200.0	243.6	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	97	2562647	200.0	214.5	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	3236361	200.0	229.3	a
114 4-Isopropyltoluene	119	10.835	10.835	0.000	97	2736251	200.0	225.0	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	97	1311332	200.0	211.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	84	86932	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	1297511	200.0	206.5	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	98	2636030	200.0	217.3	
118 Benzyl chloride	91	11.015	11.015	0.000	99	1291801	200.0	210.6	a
119 2,3-Dihydroindene	117	11.056	11.056	0.000	95	2456783	200.0	205.0	
120 p-Diethylbenzene	119	11.089	11.089	0.000	93	1425809	200.0	207.6	
121 n-Butylbenzene	92	11.106	11.106	0.000	99	1425714	200.0	216.5	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	96	1304026	200.0	207.8	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.566	0.008	98	2485372	200.0	209.3	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	97	125044	200.0	183.0	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	97	1041005	200.0	204.3	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	95	1047969	200.0	219.5	
127 Hexachlorobutadiene	225	12.199	12.190	0.009	98	424401	200.0	223.2	
128 Naphthalene	128	12.305	12.305	0.000	99	2319769	200.0	228.0	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	917140	200.0	213.0	
S 130 1,2-Dichloroethene, Total	100				0		400.0	392.3	
S 131 Xylenes, Total	100				0		400.0	402.8	

### QC Flag Legend

#### Review Flags

a - User Assigned ID

#### Reagents:

GAS Hi_00273	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 20.00	Units: uL	
MIX I Hi_00098	Amount Added: 20.00	Units: uL	
Ethanol mix_00019	Amount Added: 20.00	Units: uL	
ACROLEIN W_00081	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D

Injection Date: 01-Oct-2018 00:51:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

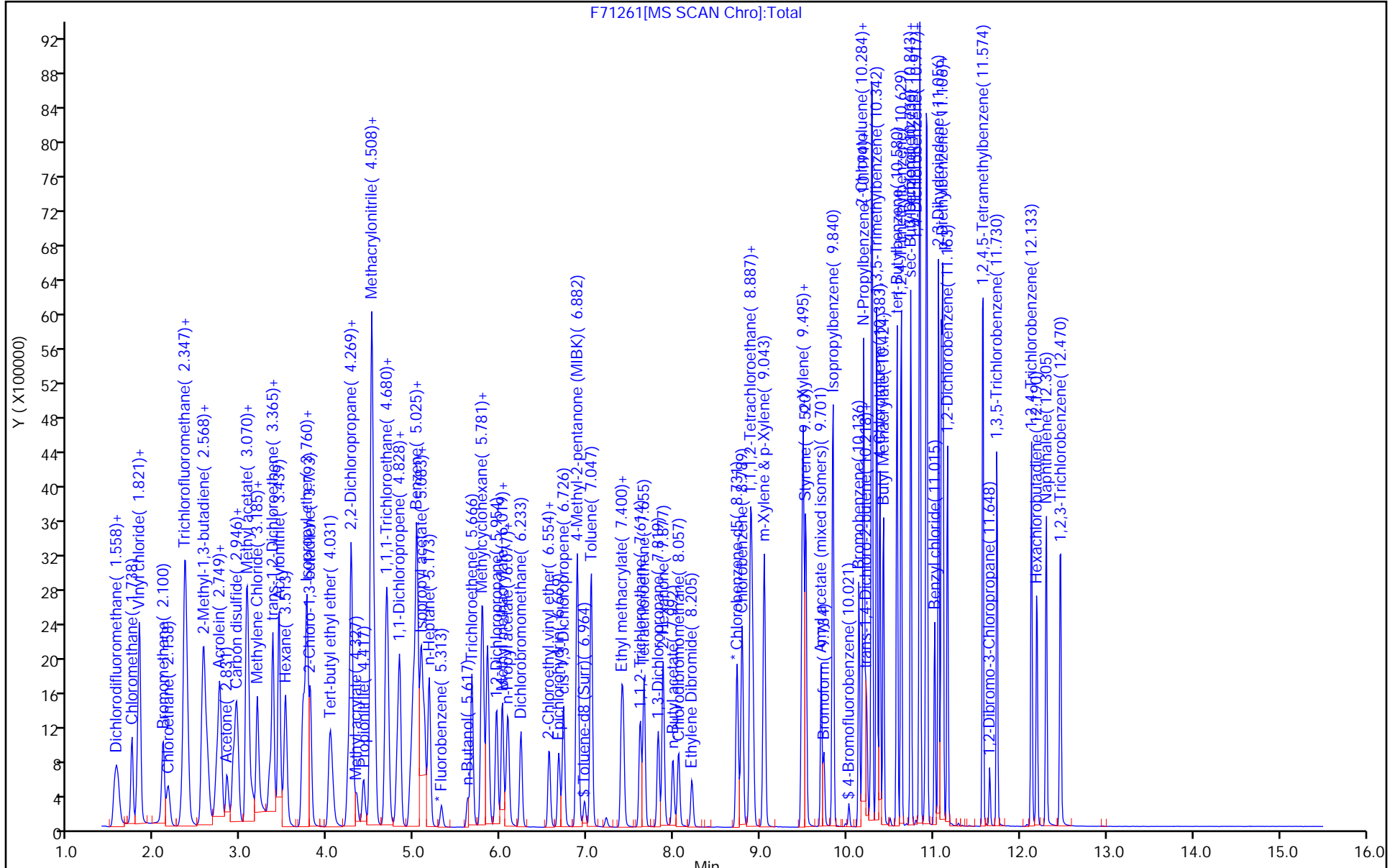
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



F71261[MS SCAN Chro]:Total

TestAmerica Edison

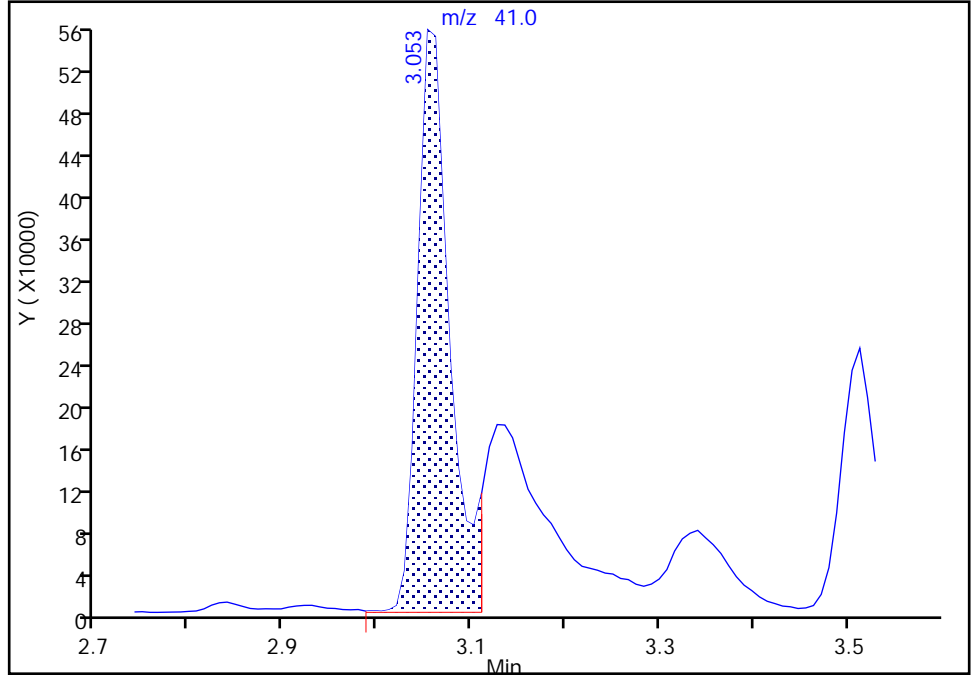
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D  
Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

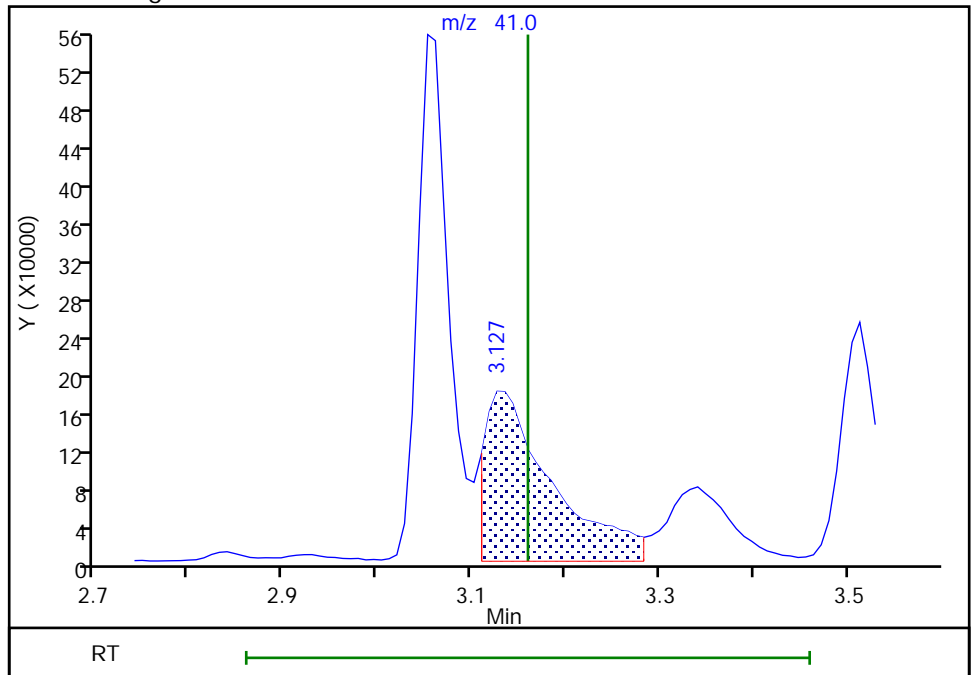
RT: 3.05  
Area: 1350962  
Amount: 2107.8709  
Amount Units: ug/l

Processing Integration Results



RT: 3.13  
Area: 912684  
Amount: 2243.3304  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

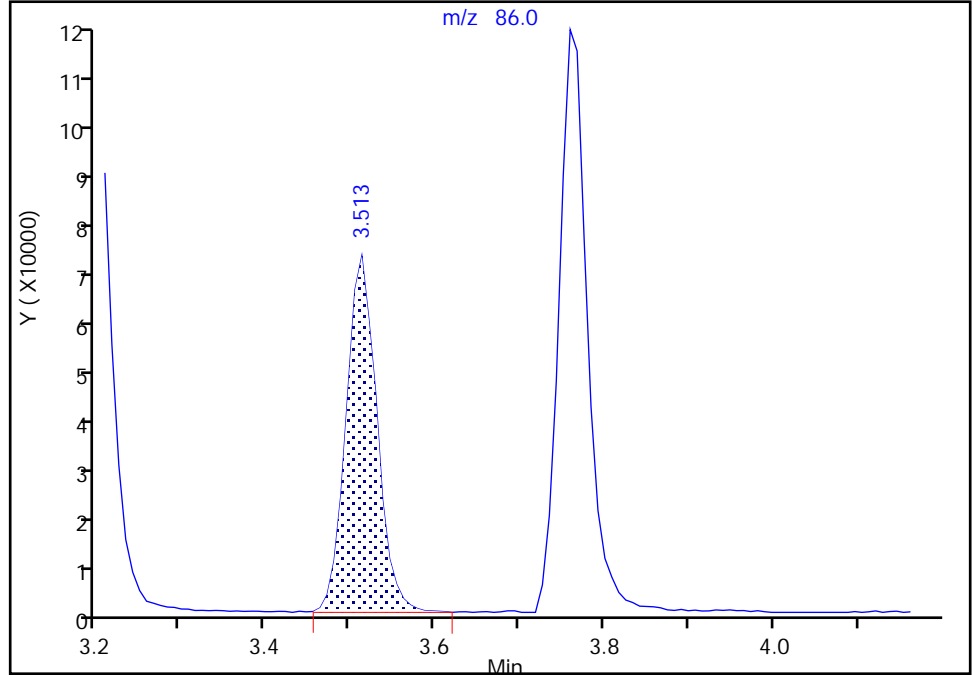
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D  
Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

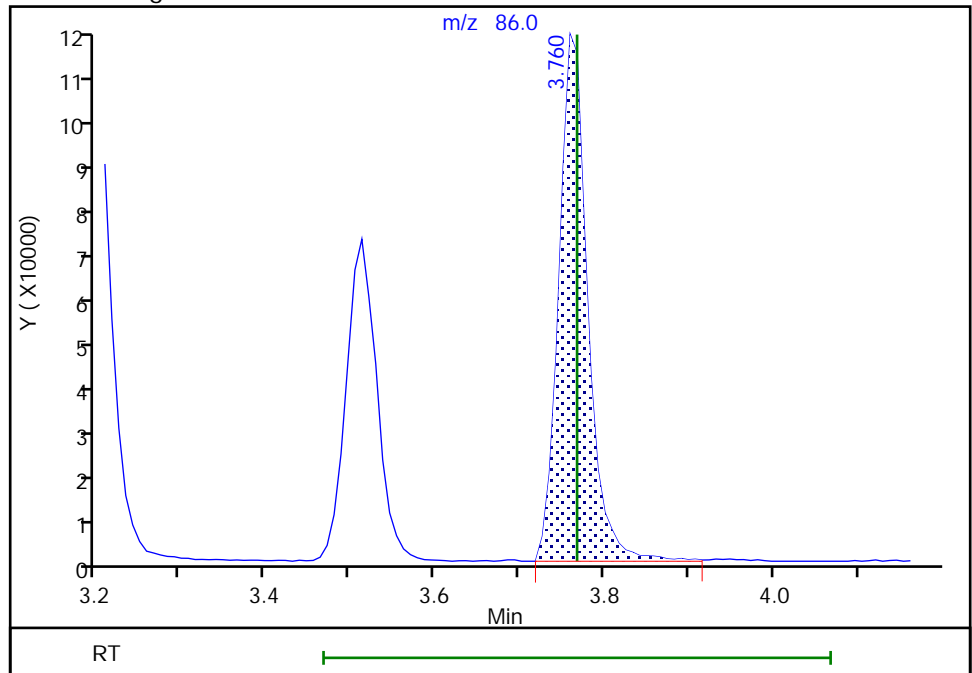
RT: 3.51  
Area: 179658  
Amount: 357.0095  
Amount Units: ug/l

Processing Integration Results



RT: 3.76  
Area: 273612  
Amount: 457.7301  
Amount Units: ug/l

Manual Integration Results





TestAmerica Edison

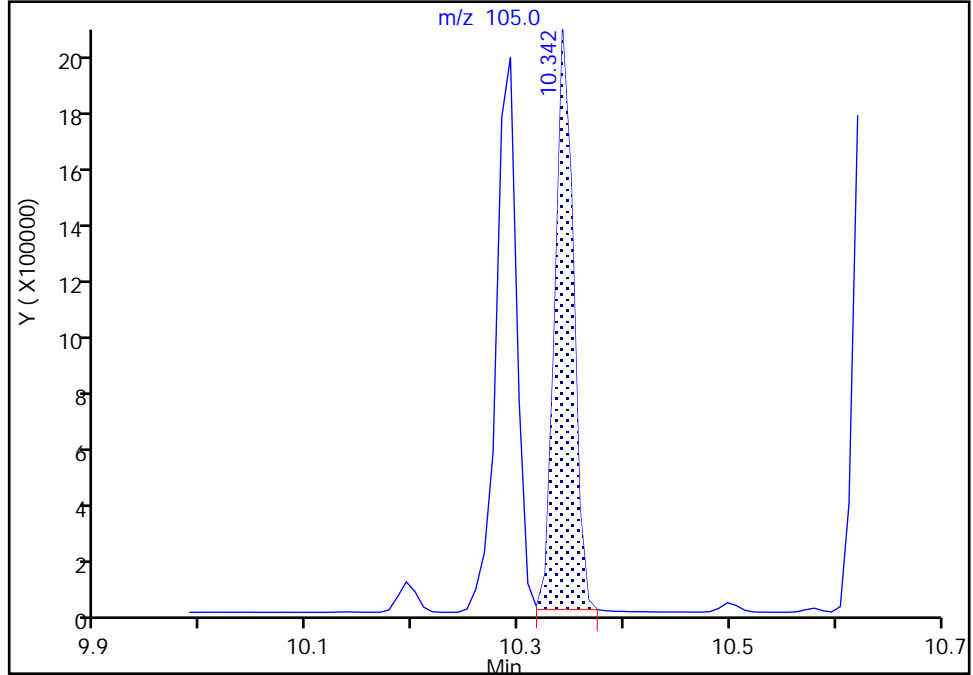
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D  
Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

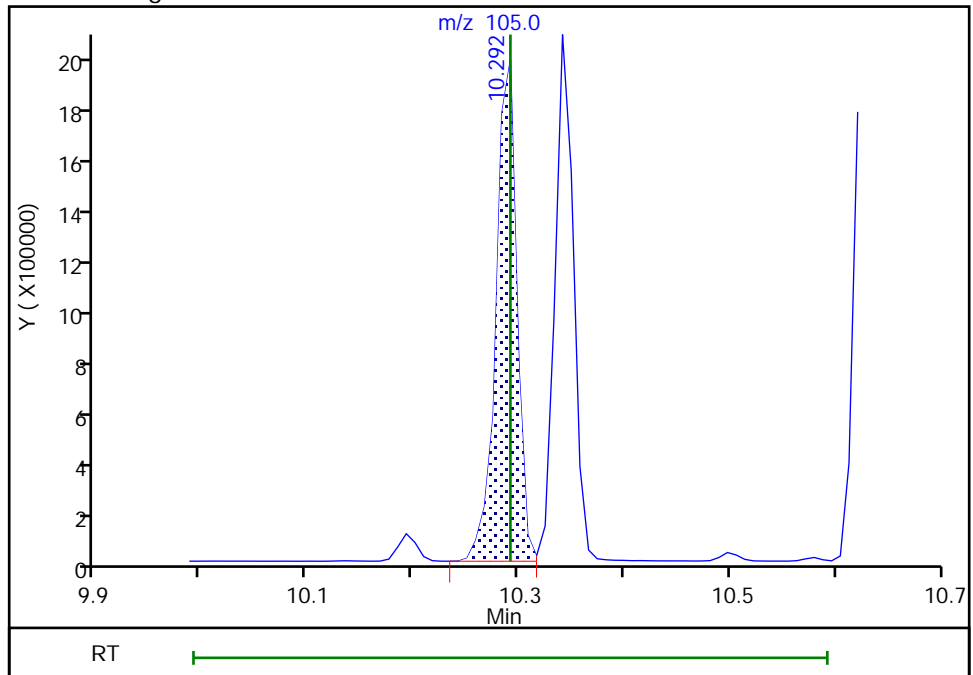
RT: 10.34  
Area: 2493618  
Amount: 198.1947  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
Area: 2702355  
Amount: 208.8380  
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 01-Oct-2018 15:06:40  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

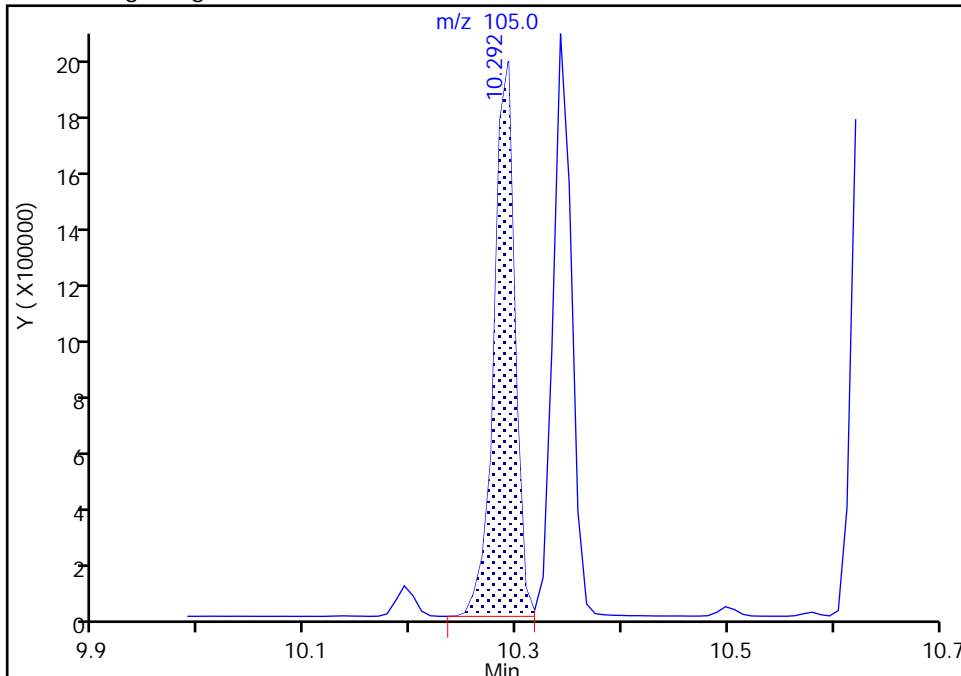
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Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

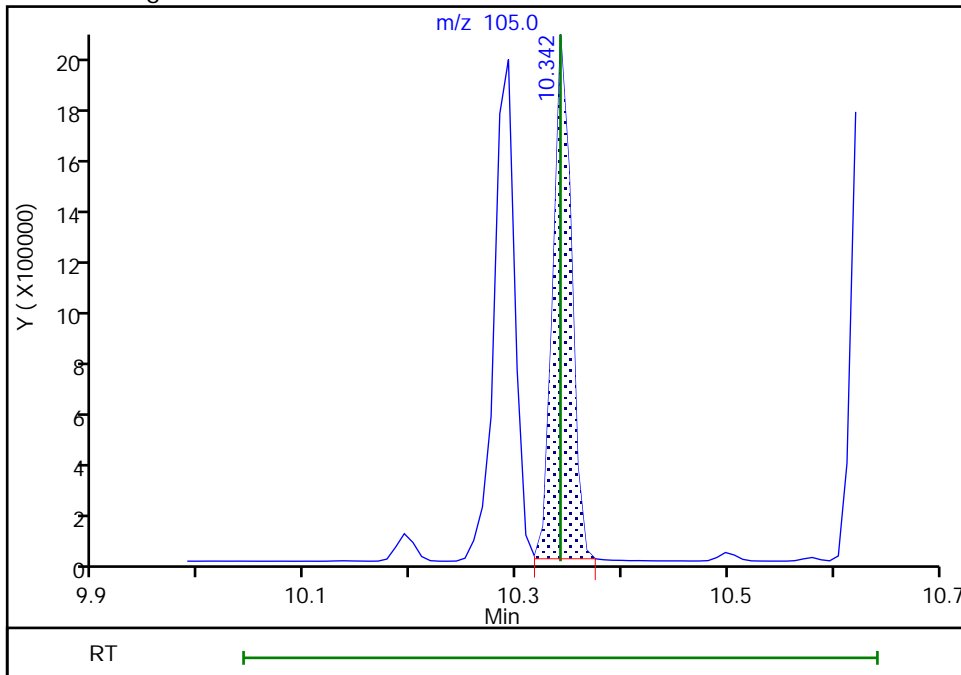
RT: 10.29  
Area: 2702355  
Amount: 227.5545  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 2493618  
Amount: 216.5099  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

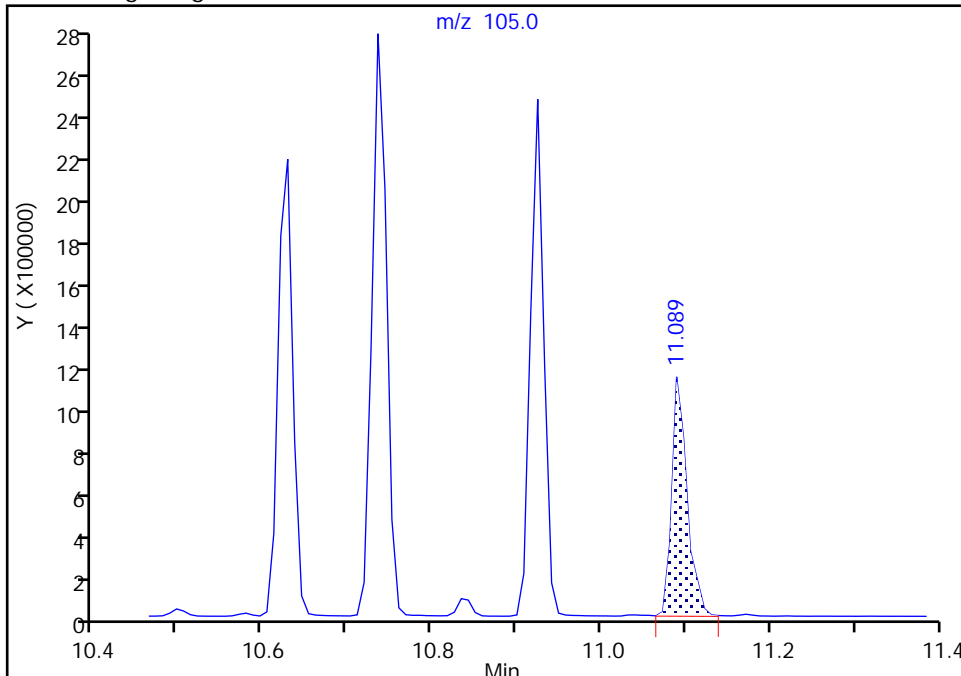
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71261.D  
Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

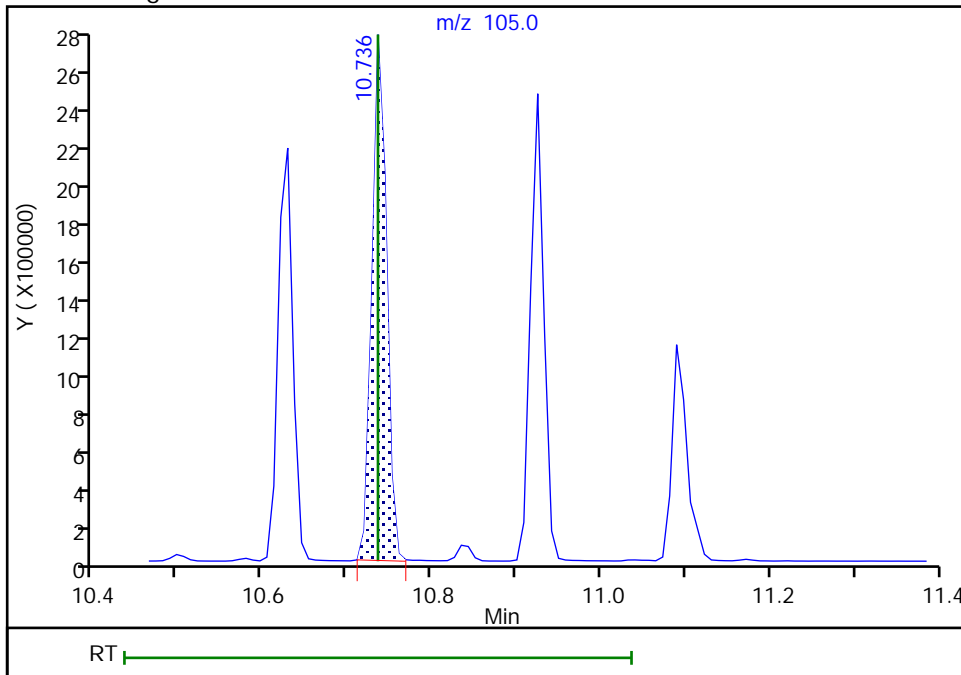
RT: 11.09  
Area: 1385916  
Amount: 117.9188  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 3236361  
Amount: 229.2885  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:06:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison

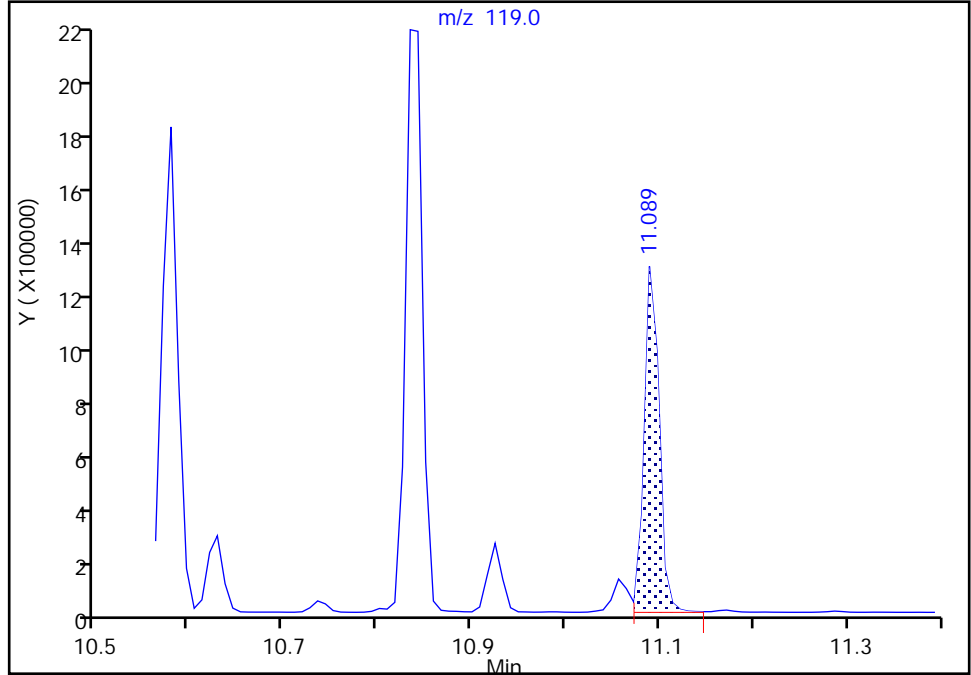
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Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

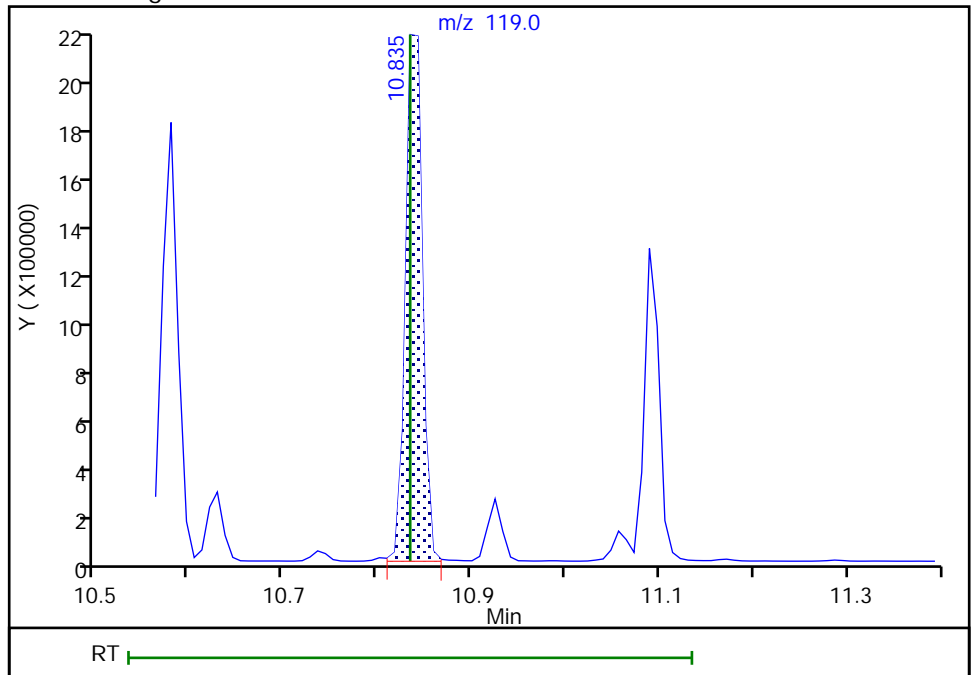
RT: 11.09  
Area: 1425809  
Amount: 186.9892  
Amount Units: ug/l

Processing Integration Results



RT: 10.83  
Area: 2736251  
Amount: 224.9561  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

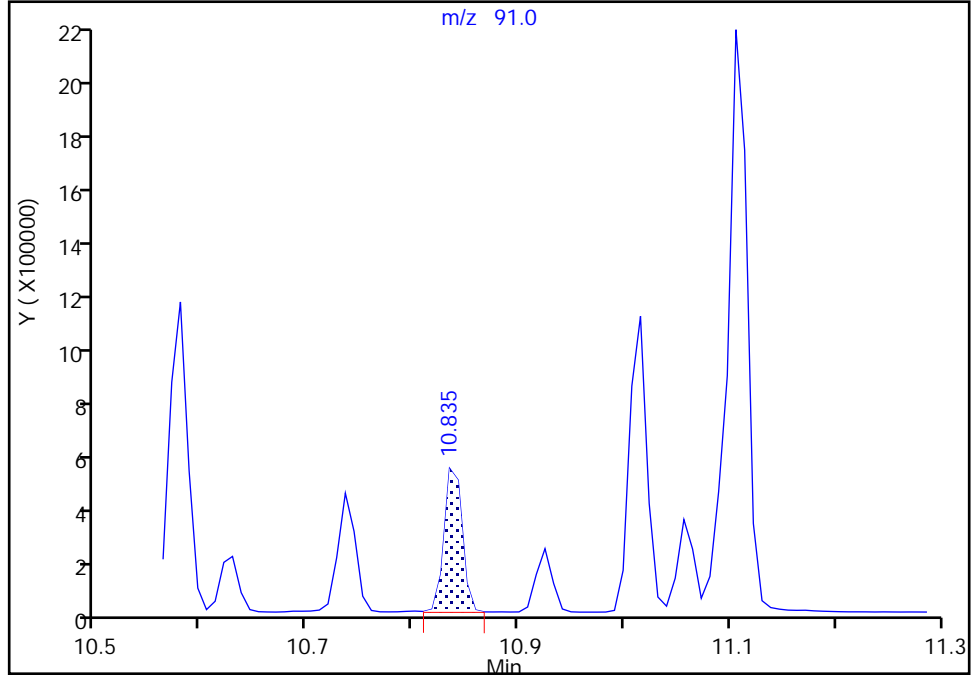
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Injection Date: 01-Oct-2018 00:51:30 Instrument ID: CVOAMS6  
Lims ID: STD200  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

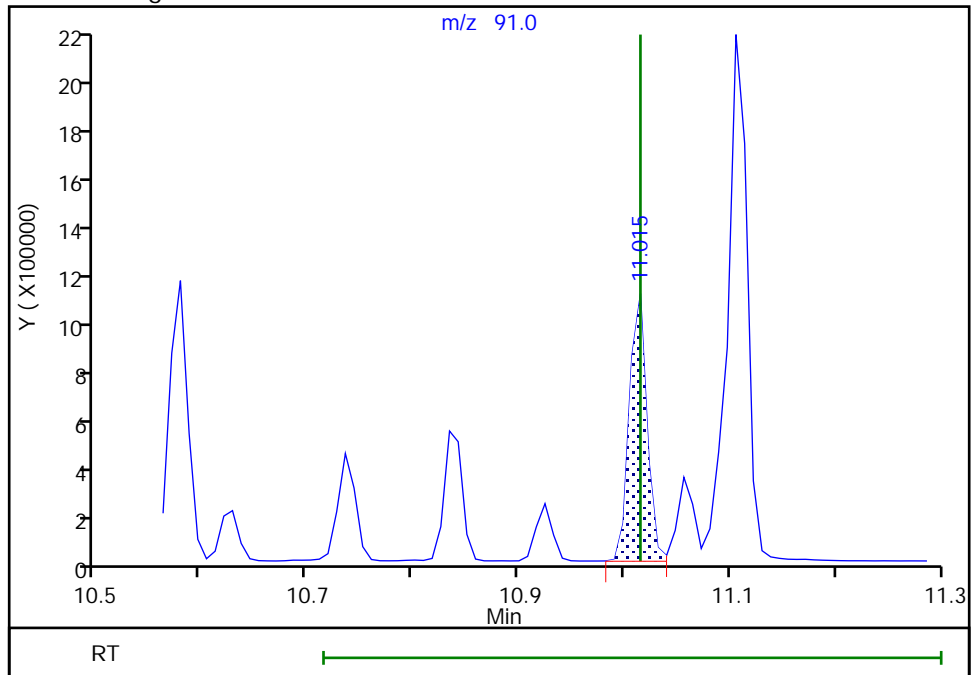
RT: 10.83  
Area: 650414  
Amount: 154.3622  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 1291801  
Amount: 210.6127  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:07:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 01-Oct-2018 01:15:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0079524-009  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:54:26 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

First Level Reviewer: moroneyc

Date: 01-Oct-2018 10:12:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	89	1088188	500.0	425.2	
2 Dichlorodifluoromethane	85	1.574	1.566	0.008	99	2597417	500.0	445.5	
3 Chloromethane	50	1.738	1.738	0.000	99	2905691	500.0	422.1	
5 Butadiene	54	1.820	1.821	-0.001	94	2560314	500.0	421.8	
4 Vinyl chloride	62	1.829	1.829	0.000	98	2874830	500.0	422.9	
6 Bromomethane	94	2.100	2.100	0.000	99	2018928	500.0	422.3	
7 Chloroethane	64	2.157	2.157	0.000	99	1629954	500.0	421.5	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	99	3382543	500.0	398.6	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	99	2654794	500.0	436.8	
10 Pentane	72	2.371	2.363	0.008	96	670432	1000.0	827.8	
12 Ethyl ether	59	2.544	2.552	-0.008	94	1321165	500.0	428.1	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	95	1525722	500.0	402.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.609	-0.008	92	1405526	500.0	398.2	
11 Ethanol	46	2.544	2.634	-0.090	92	287938	20000	19451	
15 Acrolein	56	2.724	2.733	-0.009	77	213003	400.0	354.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	97	1635994	500.0	434.8	
17 1,1-Dichloroethene	96	2.765	2.757	0.008	98	1691343	500.0	432.3	
18 Acetone	43	2.839	2.856	-0.017	89	2349405	2500.0	2488.0	
19 Iodomethane	142	2.913	2.913	0.000	97	2981774	500.0	435.2	
21 Carbon disulfide	76	2.954	2.946	0.008	99	6282686	500.0	429.0	
20 Isopropyl alcohol	45	2.938	2.987	-0.049	95	975803	5000.0	4643.5	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	98	3182710	500.0	422.8	
24 Methyl acetate	43	3.069	3.078	-0.009	98	2228791	1000.0	896.5	
23 Cyclopentene	67	3.086	3.086	0.000	95	4186232	500.0	419.5	
25 Acetonitrile	41	3.143	3.160	-0.017	96	2181451	5000.0	4520.1	a
27 Methylene Chloride	84	3.193	3.193	0.000	90	1957386	500.0	426.8	
* 26 TBA-d9 (IS)	65	3.209	3.217	-0.008	0	136517	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.291	3.283	0.008	93	1517295	5000.0	4067.2	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	97	3652948	500.0	402.9	
30 trans-1,2-Dichloroethene	96	3.373	3.374	-0.001	94	1781707	500.0	439.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.439	3.448	-0.009	95	5826442	5000.0	4844.0	
32 Hexane	43	3.513	3.513	0.000	91	1386309	500.0	381.2	
33 Isopropyl ether	45	3.719	3.719	0.000	96	4950648	500.0	400.2	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	3040180	500.0	435.5	
35 Vinyl acetate	86	3.768	3.768	0.000	100	706534	1000.0	1102.3	a
36 2-Chloro-1,3-butadiene	88	3.801	3.809	-0.008	89	1513512	500.0	439.9	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	4076690	500.0	382.2	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	150036	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	95	603220	500.0	403.0	
42 Ethyl acetate	70	4.277	4.277	0.000	97	310317	1000.0	999.3	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	99	2002000	500.0	452.8	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	893082	2500.0	2217.7	
43 Methyl acrylate	55	4.335	4.335	0.000	99	1200295	500.0	477.8	
44 Propionitrile	54	4.417	4.425	-0.008	98	2132378	5000.0	5189.3	
46 Tetrahydrofuran	72	4.499	4.499	0.000	75	399428	1000.0	998.9	
45 Chlorobromomethane	128	4.499	4.499	0.000	84	912374	500.0	453.3	
47 Methacrylonitrile	67	4.516	4.508	0.008	89	6020758	5000.0	4974.8	
48 Chloroform	83	4.548	4.549	-0.001	99	2798554	500.0	434.8	
49 Cyclohexane	84	4.680	4.680	0.000	90	2654949	500.0	413.1	
50 1,1,1-Trichloroethane	97	4.696	4.688	0.008	98	2443098	500.0	425.1	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	96	69702	50.0	48.6	
52 Carbon tetrachloride	117	4.811	4.812	-0.001	99	2048325	500.0	435.6	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	2194262	500.0	459.5	
54 Isobutyl alcohol	43	4.984	4.984	0.000	91	2425431	12500	11911	
55 Benzene	78	5.033	5.033	0.000	96	6584612	500.0	424.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	78399	50.0	55.4	
57 Isopropyl acetate	43	5.074	5.083	-0.009	97	4013497	500.0	435.1	
58 Tert-amyl methyl ether	73	5.091	5.083	0.008	93	4693580	500.0	396.4	
59 1,2-Dichloroethane	62	5.124	5.116	0.008	95	1851366	500.0	484.3	
60 n-Heptane	57	5.173	5.173	0.000	90	1145124	500.0	403.9	
* 61 Fluorobenzene	96	5.313	5.313	0.000	98	289500	50.0	50.0	
62 n-Butanol	56	5.617	5.641	-0.024	85	962967	12500	15750	
63 Trichloroethene	95	5.666	5.666	0.000	99	1630399	500.0	476.7	
64 Methylcyclohexane	83	5.789	5.789	0.000	92	3062703	500.0	428.9	
65 Ethyl acrylate	55	5.781	5.789	-0.008	98	4010143	500.0	487.7	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	1685336	500.0	468.9	
* 67 1,4-Dioxane-d8	96	6.085	6.003	0.082	0	14356	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.019	0.000	85	736094	1000.0	1052.9	
69 1,4-Dioxane	88	6.077	6.069	0.008	43	279411	10000	8846.3	
70 n-Propyl acetate	43	6.069	6.077	-0.008	97	1727243	500.0	590.4	
71 Dibromomethane	93	6.085	6.085	0.000	98	949978	500.0	480.6	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	2100909	500.0	480.8	
73 2-Nitropropane	41	6.562	6.562	0.000	78	607694	1000.0	999.9	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	78	883541	500.0	496.4	
75 Epichlorohydrin	57	6.677	6.669	0.008	99	2672843	10000	9360.2	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	89	2482804	500.0	496.4	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.890	-0.008	94	6447957	2500.0	2071.4	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.964	0.008	98	256172	50.0	48.1	
79 Toluene	91	7.046	7.047	-0.001	95	6351830	500.0	429.3	
80 trans-1,3-Dichloropropene	75	7.400	7.392	0.008	98	2009025	500.0	501.4	
81 Ethyl methacrylate	69	7.416	7.425	-0.009	93	1875025	500.0	475.0	
82 1,1,2-Trichloroethane	83	7.613	7.614	-0.001	97	1089917	500.0	427.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.654	7.655	-0.001	97	1542816	500.0	436.8	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	2131248	500.0	485.4	
85 2-Hexanone	43	7.876	7.885	-0.009	94	3740884	2500.0	2165.5	
86 n-Butyl acetate	43	7.983	8.000	-0.017	98	1902292	500.0	470.2	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	1390964	500.0	458.1	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	1185939	500.0	481.0	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	85	201335	50.0	50.0	
90 Chlorobenzene	112	8.788	8.789	-0.001	93	4013097	500.0	449.4	
91 Ethylbenzene	106	8.887	8.887	0.000	98	2383144	500.0	448.9	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	97	1647183	500.0	455.8	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	2887734	500.0	431.1	
94 n-Butyl acrylate	73	9.479	9.479	0.000	99	1187787	500.0	453.7	
95 o-Xylene	106	9.495	9.495	0.000	96	3038525	500.0	432.5	
96 Styrene	104	9.528	9.528	0.000	95	4592171	500.0	441.0	
97 Amyl acetate (mixed isomer)	43	9.700	9.709	-0.009	91	2365122	500.0	558.7	
98 Bromoform	173	9.733	9.733	0.000	97	881672	500.0	445.9	
99 Isopropylbenzene	105	9.840	9.840	0.000	96	6793077	500.0	388.4	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	88	70973	50.0	45.8	
101 Bromobenzene	156	10.144	10.144	0.000	98	1708320	500.0	479.8	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	1695263	500.0	476.8	
103 N-Propylbenzene	91	10.193	10.194	-0.001	99	7348184	500.0	394.2	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	96	448233	500.0	440.5	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	88	412670	500.0	455.2	
106 2-Chlorotoluene	91	10.292	10.284	0.008	95	5610213	500.0	435.3	
107 4-Ethyltoluene	105	10.292	10.292	0.000	85	6457672	500.0	417.3	a
108 1,3,5-Trimethylbenzene	105	10.341	10.342	-0.001	96	5796323	500.0	420.9	a
109 4-Chlorotoluene	91	10.382	10.383	-0.001	96	4775229	500.0	432.7	
110 Butyl Methacrylate	87	10.424	10.424	0.000	87	2340053	500.0	484.7	
111 tert-Butylbenzene	119	10.580	10.580	0.000	92	5022284	500.0	476.1	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	95	5833015	500.0	408.4	
113 sec-Butylbenzene	105	10.736	10.736	0.000	95	6794281	500.0	402.5	a
114 4-Isopropyltoluene	119	10.843	10.835	0.008	94	6117884	500.0	420.6	a
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	94	3441912	500.0	464.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	88	103953	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	93	3387994	500.0	450.9	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	98	6037416	500.0	416.1	
118 Benzyl chloride	91	11.015	11.015	0.000	99	3220773	500.0	439.1	a
119 2,3-Dihydroindene	117	11.056	11.056	0.000	96	5644010	500.0	393.8	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	3544564	500.0	431.5	
121 n-Butylbenzene	92	11.114	11.106	0.008	97	3452097	500.0	438.5	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	94	3263764	500.0	434.8	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.566	0.008	97	5622355	500.0	396.0	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	97	312770	500.0	382.9	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	98	2613150	500.0	428.9	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	95	2568016	500.0	449.7	
127 Hexachlorobutadiene	225	12.198	12.190	0.008	98	1049820	500.0	461.7	
128 Naphthalene	128	12.305	12.305	0.000	98	5300864	500.0	435.7	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	2191397	500.0	425.6	
S 130 1,2-Dichloroethene, Total	100				0		1000.0	892.4	
S 131 Xylenes, Total	100				0		1000.0	863.5	



## QC Flag Legend

### Review Flags

a - User Assigned ID

### Reagents:

GAS Hi_00273	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00074	Amount Added: 50.00	Units: uL	
MIX I Hi_00098	Amount Added: 50.00	Units: uL	
Ethanol mix_00019	Amount Added: 50.00	Units: uL	
ACROLEIN W_00081	Amount Added: 40.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D

Injection Date: 01-Oct-2018 01:15:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

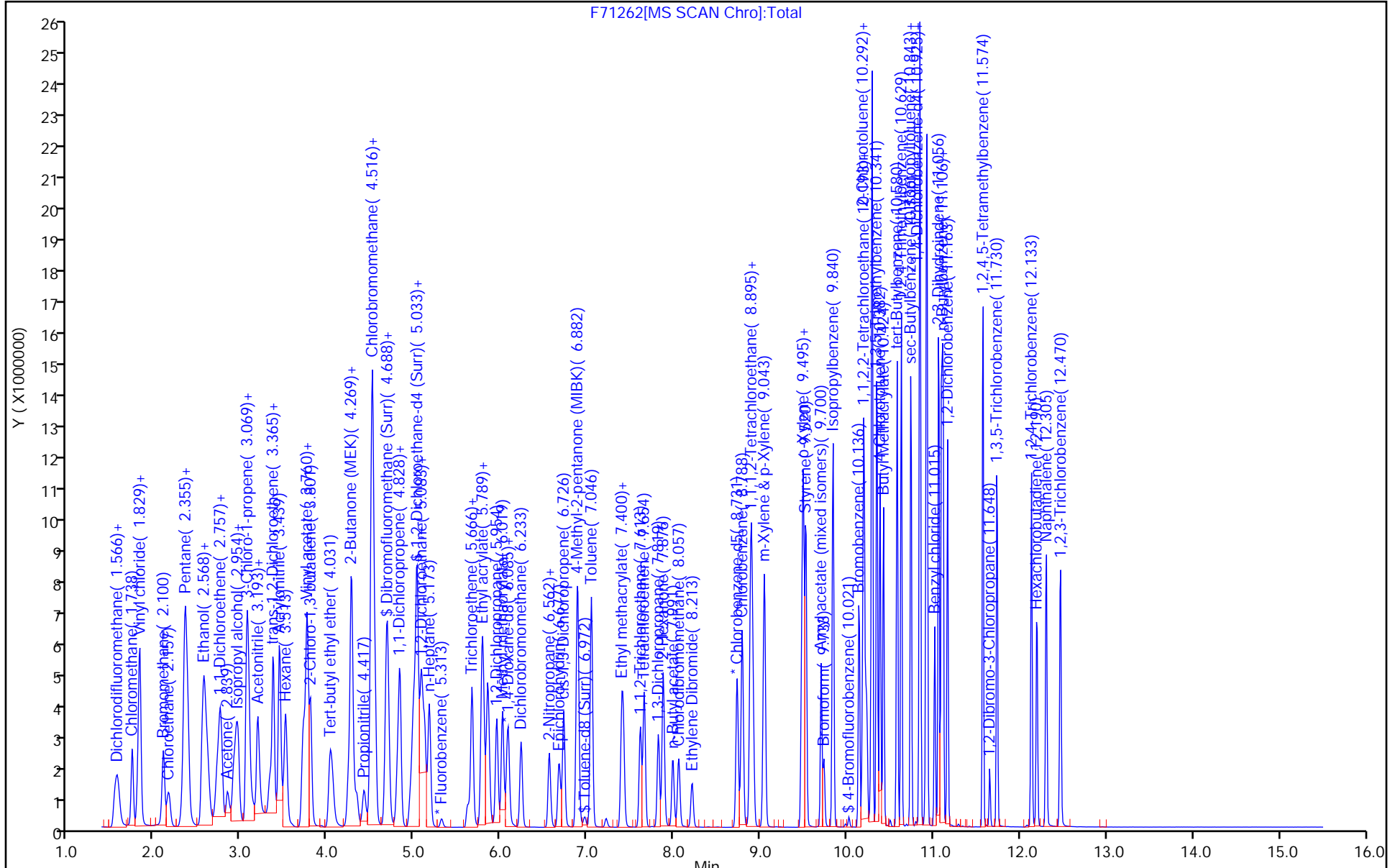
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

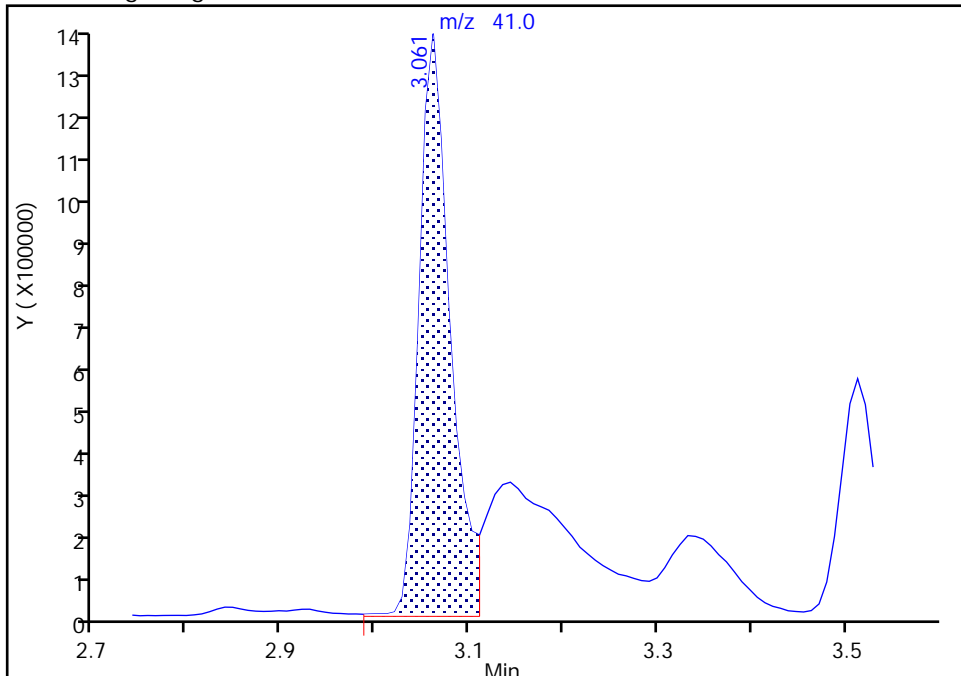
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Injection Date: 01-Oct-2018 01:15:30 Instrument ID: CVOAMS6  
Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

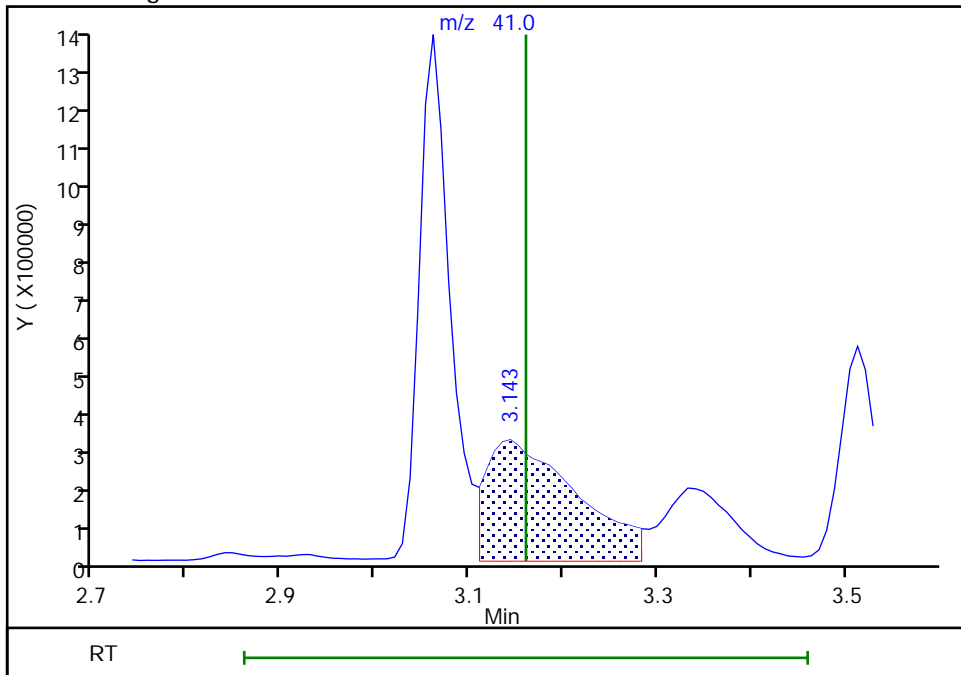
RT: 3.06  
Area: 3227889  
Amount: 5000.1772  
Amount Units: ug/l

Processing Integration Results



RT: 3.14  
Area: 2181451  
Amount: 4520.0838  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

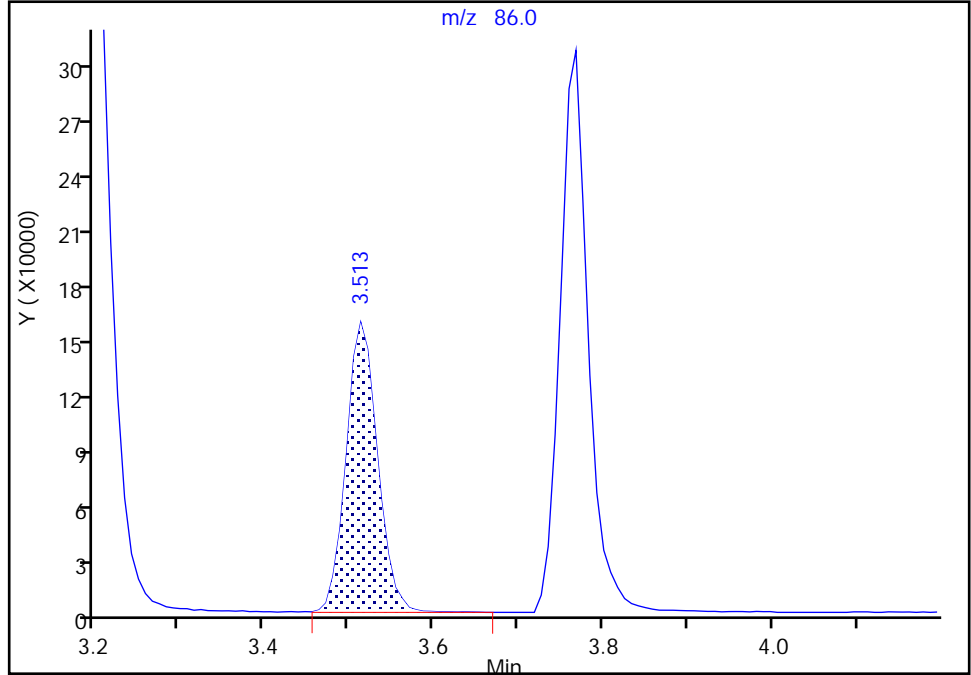
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Injection Date: 01-Oct-2018 01:15:30 Instrument ID: CVOAMS6  
Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

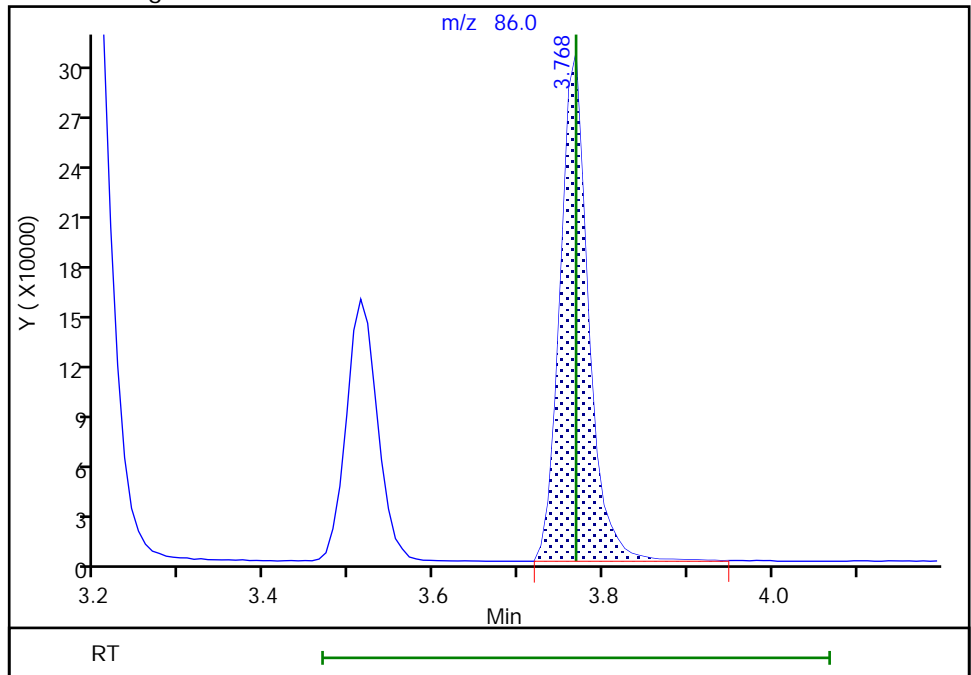
RT: 3.51  
Area: 404241  
Amount: 695.0922  
Amount Units: ug/l

Processing Integration Results



RT: 3.77  
Area: 706534  
Amount: 1102.3292  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

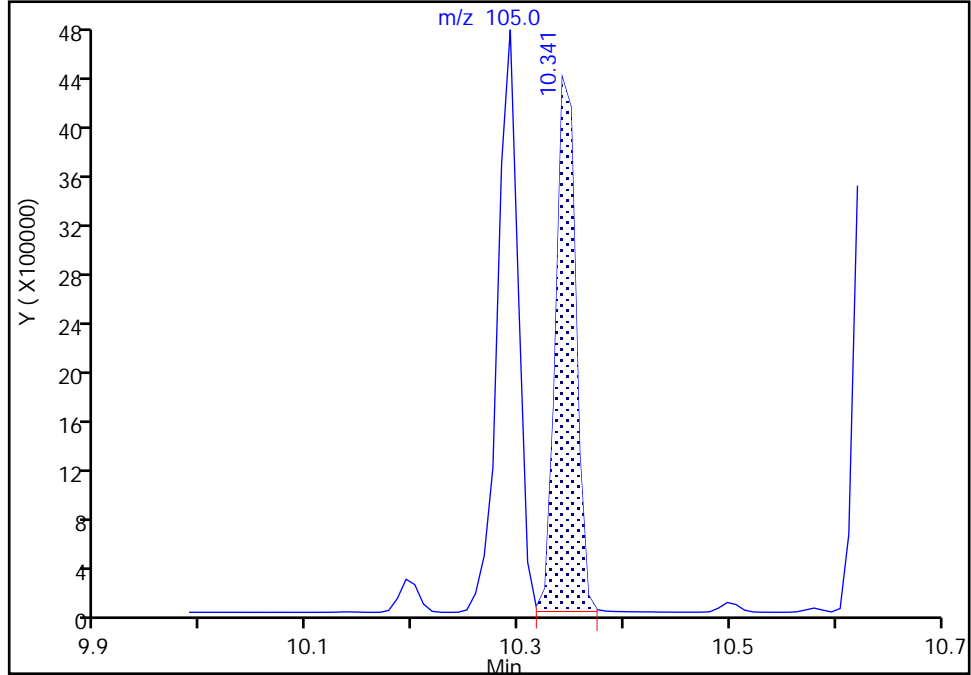
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Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

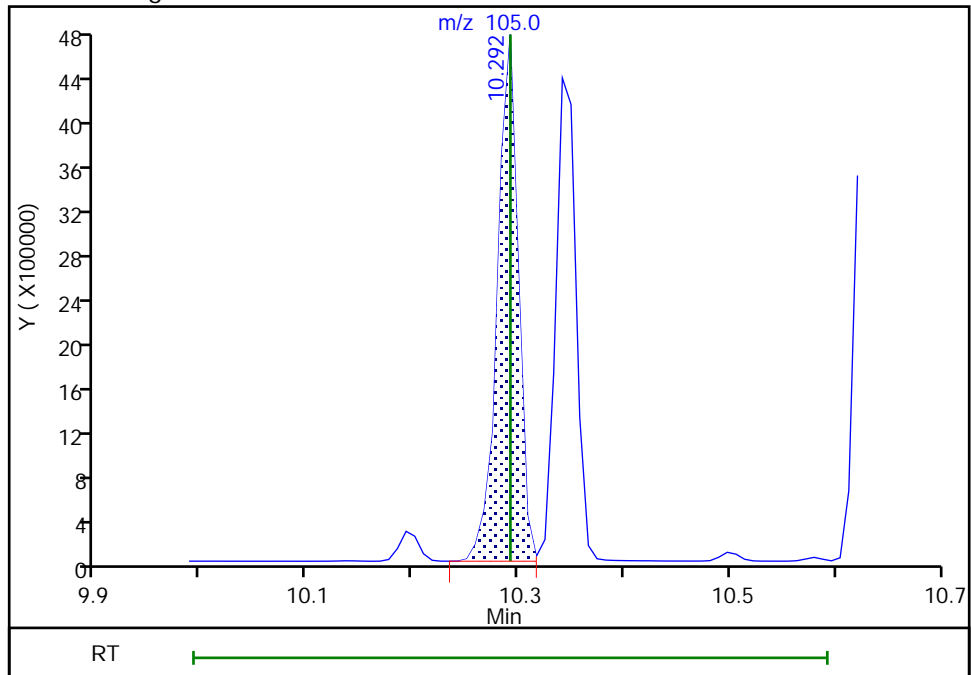
RT: 10.34  
Area: 5796323  
Amount: 380.0092  
Amount Units: ug/l

Processing Integration Results



RT: 10.29  
Area: 6457672  
Amount: 417.3359  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

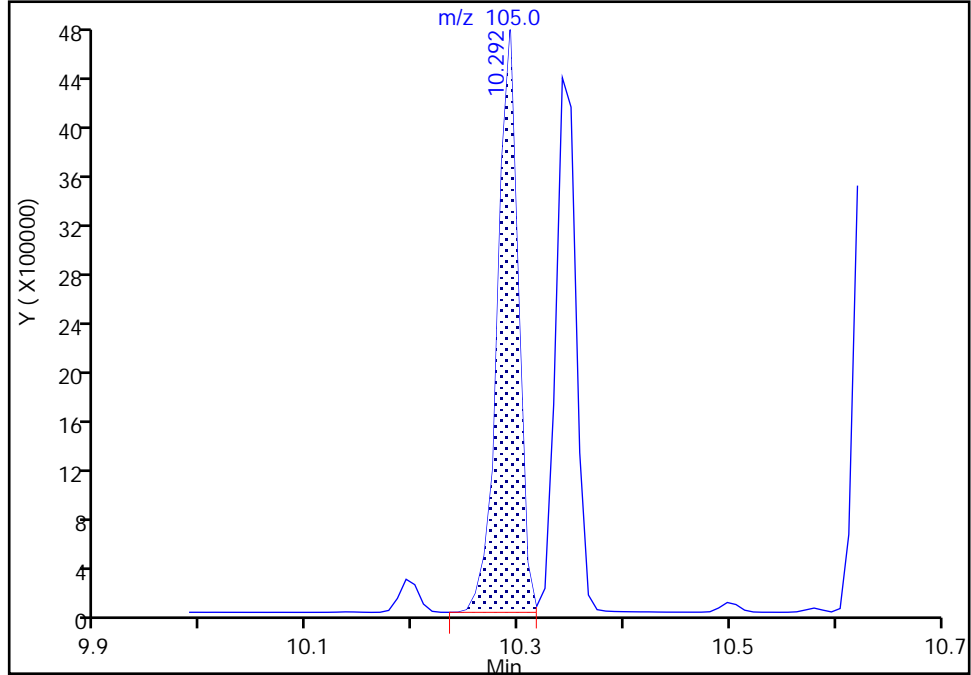
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Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

108 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

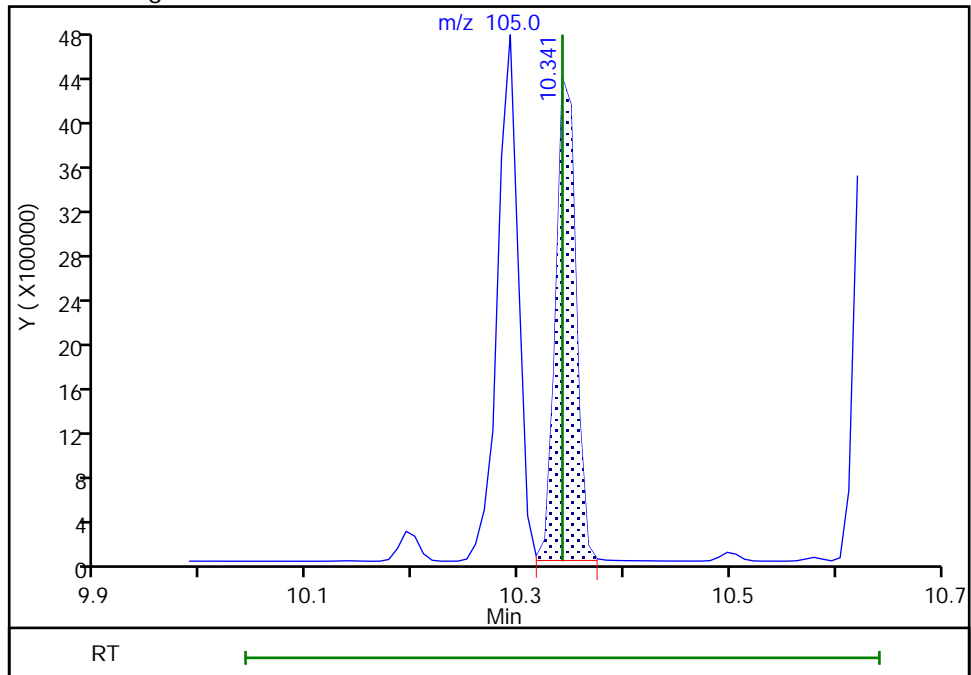
RT: 10.29  
Area: 6457672  
Amount: 461.4982  
Amount Units: ug/l

Processing Integration Results



RT: 10.34  
Area: 5796323  
Amount: 420.8653  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

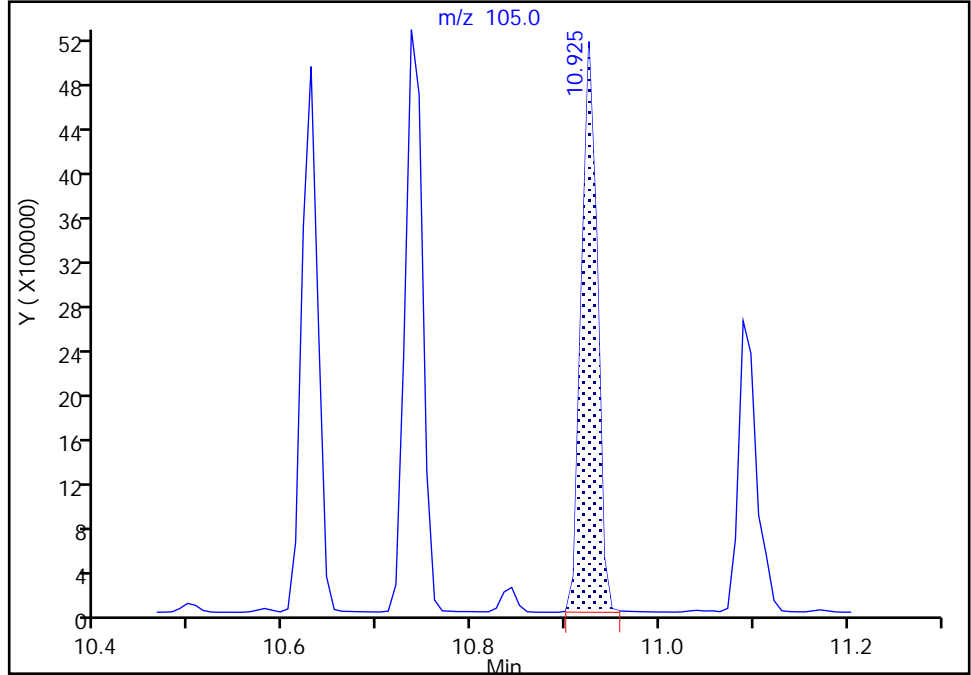
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Injection Date: 01-Oct-2018 01:15:30 Instrument ID: CVOAMS6  
Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

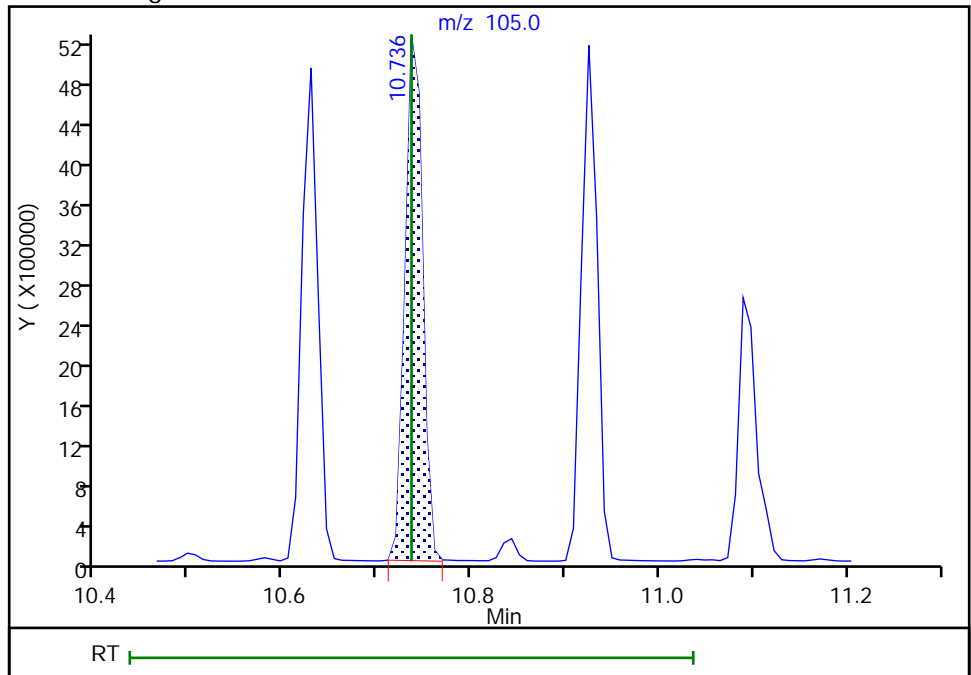
RT: 10.92  
Area: 6038084  
Amount: 379.7937  
Amount Units: ug/l

Processing Integration Results



RT: 10.74  
Area: 6794281  
Amount: 402.5422  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

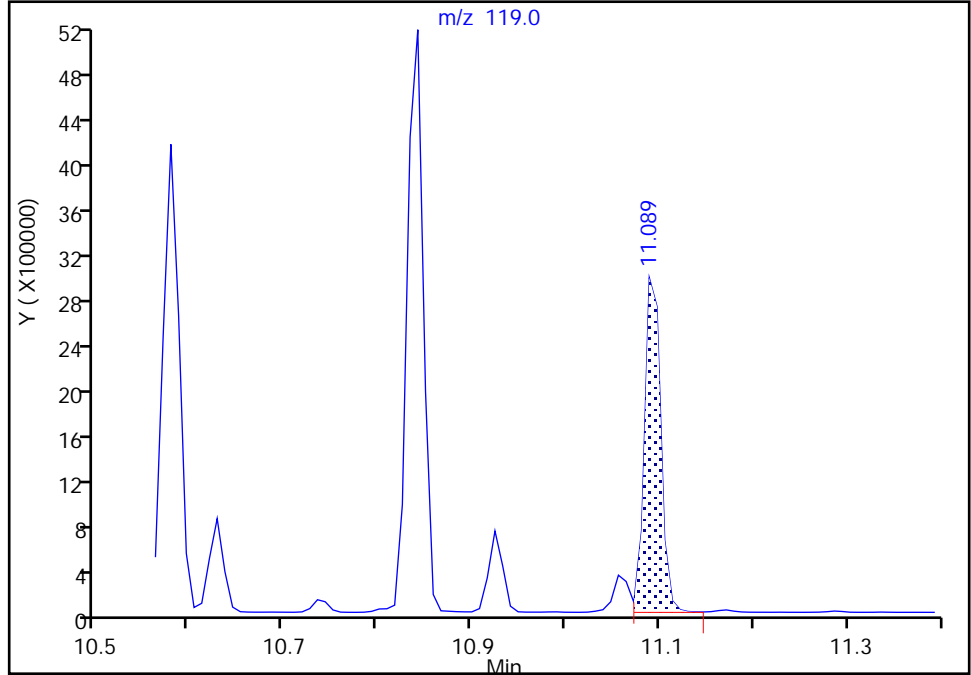
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Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

114 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

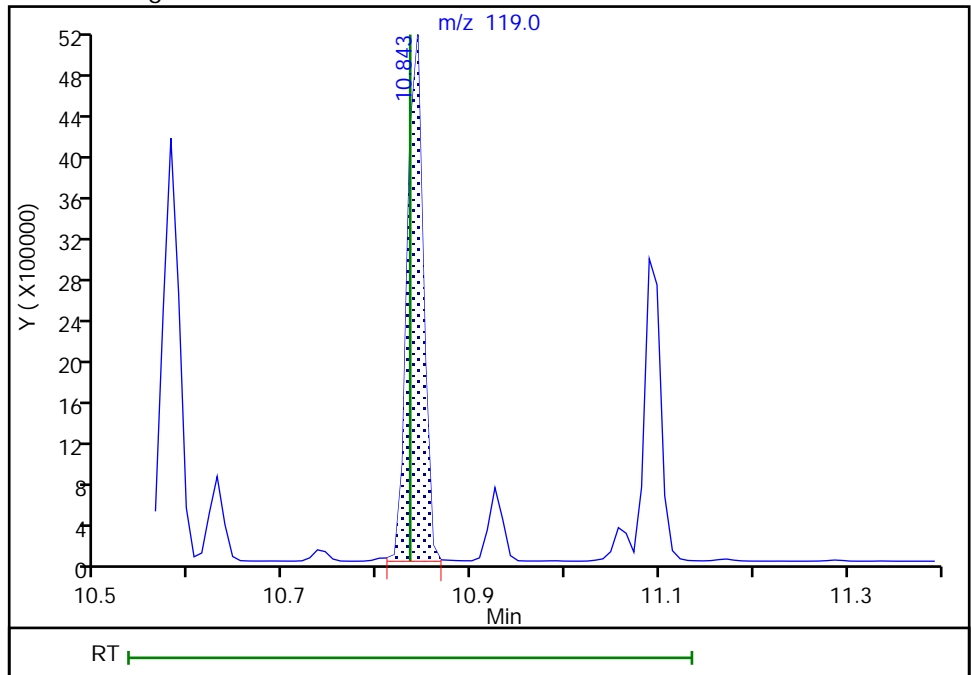
RT: 11.09  
Area: 3544564  
Amount: 245.5638  
Amount Units: ug/l

Processing Integration Results



RT: 10.84  
Area: 6117884  
Amount: 420.6160  
Amount Units: ug/l

Manual Integration Results





TestAmerica Edison

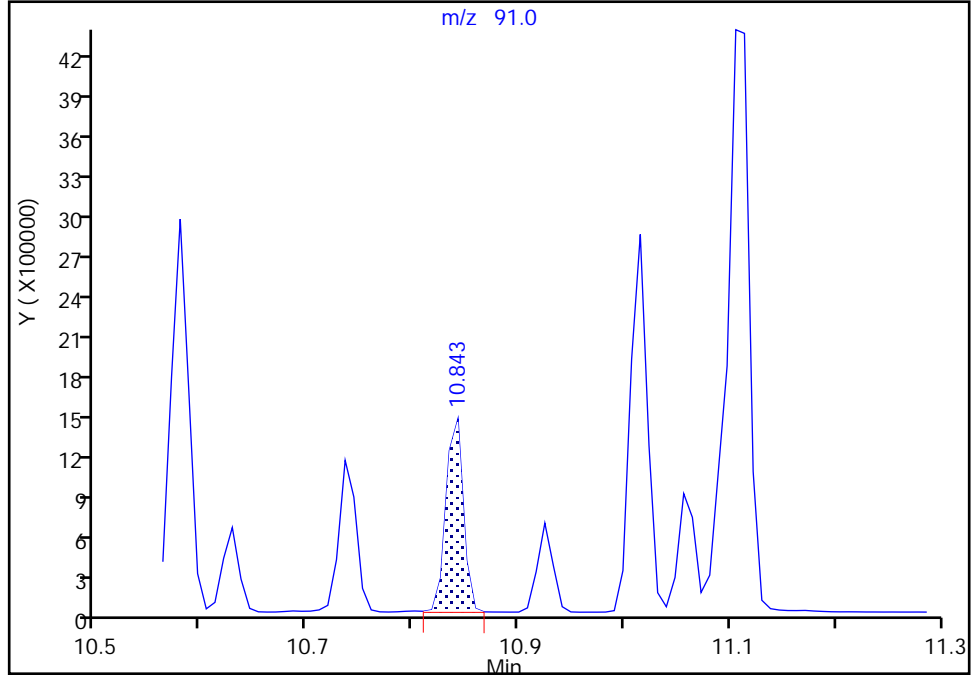
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Injection Date: 01-Oct-2018 01:15:30 Instrument ID: CVOAMS6  
Lims ID: STD500  
Client ID:  
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

118 Benzyl chloride, CAS: 100-44-7

Signal: 1

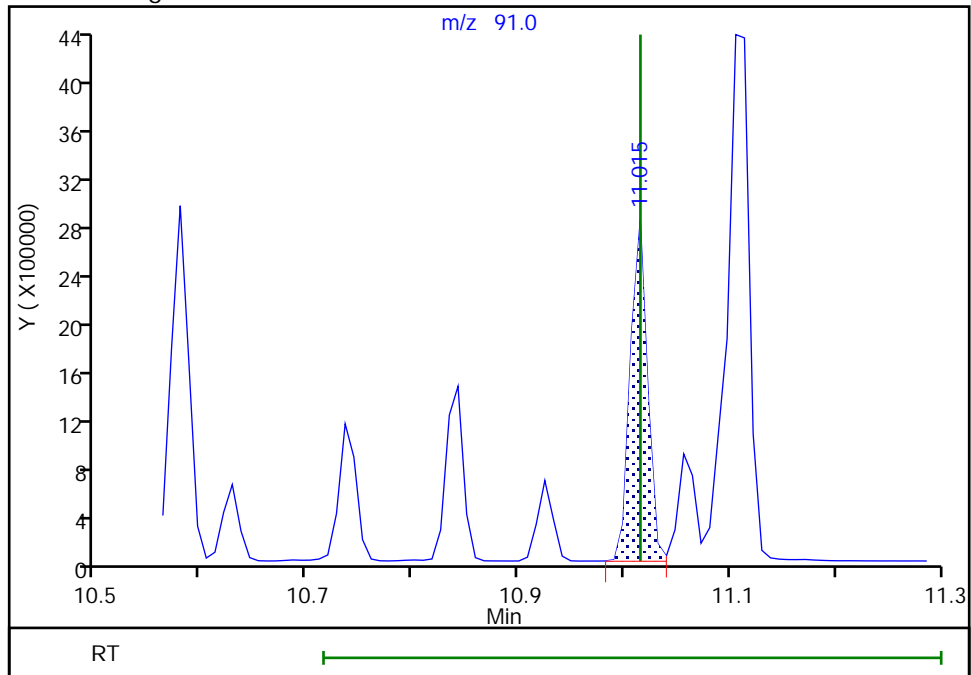
RT: 10.84  
Area: 1670950  
Amount: 240.1722  
Amount Units: ug/l

Processing Integration Results



RT: 11.02  
Area: 3220773  
Amount: 439.1285  
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 01-Oct-2018 10:12:18  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-563951/3 Calibration Date: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72873.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
Chlorotrifluoroethene	Ave	0.4420	0.4540		20.5	20.0	2.7	20.0
Dichlorodifluoromethane	Ave	1.007	1.026	0.1000	20.4	20.0	1.9	20.0
Chloromethane	Ave	1.189	1.050	0.1000	17.7	20.0	-11.7	20.0
Butadiene	Ave	1.048	0.8801		16.8	20.0	-16.0	20.0
Vinyl chloride	Ave	1.174	1.124	0.1000	19.1	20.0	-4.3	20.0
Bromomethane	Ave	0.8257	0.8080	0.1000	19.6	20.0	-2.1	50.0
Chloroethane	Ave	0.6679	0.6312	0.1000	18.9	20.0	-5.5	50.0
Dichlorofluoromethane	Ave	1.466	1.606		21.9	20.0	9.5	20.0
Trichlorofluoromethane	Ave	1.050	1.232	0.1000	23.5	20.0	17.4	20.0
Pentane	Ave	5.932	6.387		43.1	40.0	7.7	20.0
Ethanol	Ave	0.1084	0.0934		689	800	-13.9	50.0
Ethyl ether	Ave	0.5330	0.4964		18.6	20.0	-6.9	20.0
2-Methyl-1,3-butadiene	Ave	0.6554	0.5673		17.3	20.0	-13.4	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.6096	0.6962		22.8	20.0	14.2	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6499	0.7718	0.1000	23.8	20.0	18.8	20.0
Acrolein	Ave	4.397	3.792		34.5	40.0	-13.8	50.0
1,1-Dichloroethene	Ave	0.6757	0.6983	0.1000	20.7	20.0	3.3	20.0
Acetone	QuaF		2.096	0.0500	83.2	100	-16.8	50.0
Iodomethane	Ave	1.183	1.343		22.7	20.0	13.5	20.0
Carbon disulfide	Ave	2.529	2.646	0.1000	20.9	20.0	4.6	50.0
Isopropyl alcohol	Lin2		1.053		139	200	-30.4	50.0
Allyl chloride	Ave	1.300	1.225		18.8	20.0	-5.8	20.0
Methyl acetate	Ave	0.4294	0.3732	0.1000	34.8	40.0	-13.1	20.0
Cyclopentene	Ave	1.724	1.657		19.2	20.0	-3.9	20.0
Acetonitrile	Ave	3.535	3.828		217	200	8.3	20.0
Methylene Chloride	Ave	0.7920	0.8559	0.1000	21.6	20.0	8.1	20.0
2-Methyl-2-propanol	Ave	2.733	2.772		203	200	1.4	50.0
Methyl tert-butyl ether	Ave	1.566	1.651	0.1000	21.1	20.0	5.4	20.0
trans-1,2-Dichloroethene	Ave	0.7000	0.7737	0.1000	22.1	20.0	10.5	20.0
Acrylonitrile	Ave	0.2077	0.2286		220	200	10.0	20.0
Hexane	Ave	0.6282	0.5563		17.7	20.0	-11.4	20.0
Isopropyl ether	Ave	2.136	2.072		19.4	20.0	-3.0	20.0
1,1-Dichloroethane	Ave	1.206	1.247	0.2000	20.7	20.0	3.4	20.0
Vinyl acetate	Ave	0.1107	0.1147		41.4	40.0	3.6	20.0
2-Chloro-1,3-butadiene	Ave	0.5942	0.6495		21.9	20.0	9.3	20.0
Tert-butyl ethyl ether	Ave	1.842	1.843		20.0	20.0	0.0	20.0
2,2-Dichloropropane	Ave	0.2585	0.2580		20.0	20.0	-0.2	20.0
2-Butanone (MEK)	Ave	0.6710	0.6860	0.0500	102	100	2.2	50.0
cis-1,2-Dichloroethene	Ave	0.7635	0.8236	0.1000	21.6	20.0	7.9	20.0
Ethyl acetate	QuaF		0.6830		41.2	40.0	2.9	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-563951/3 Calibration Date: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72873.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
Methyl acrylate	Ave	0.6239	0.5075		16.3	20.0	-18.7	20.0
Propionitrile	Ave	3.010	3.679		244	200	22.2*	20.0
Chlorobromomethane	Ave	0.3476	0.3966		22.8	20.0	14.1	20.0
Tetrahydrofuran	QuaF		0.9937		44.0	40.0	10.0	20.0
Methacrylonitrile	Ave	0.2090	0.2075		198	200	-0.8	20.0
Chloroform	Ave	1.112	1.135	0.2000	20.4	20.0	2.1	20.0
Cyclohexane	Ave	1.110	1.130	0.1000	20.4	20.0	1.8	50.0
1,1,1-Trichloroethane	Ave	0.9926	1.050	0.1000	21.2	20.0	5.8	20.0
Carbon tetrachloride	Ave	0.8121	0.9068	0.1000	22.3	20.0	11.7	20.0
1,1-Dichloropropene	Ave	0.8248	0.8405		20.4	20.0	1.9	20.0
Isobutyl alcohol	Ave	1.492	1.616		542	500	8.4	50.0
Benzene	Ave	3.856	3.683	0.5000	19.1	20.0	-4.5	20.0
Isopropyl acetate	Ave	1.593	1.476		18.5	20.0	-7.4	20.0
Tert-amyl methyl ether	Ave	2.045	2.064		20.2	20.0	0.9	20.0
1,2-Dichloroethane	Ave	0.6602	0.6384	0.1000	19.3	20.0	-3.3	20.0
n-Heptane	Ave	0.4897	0.4775		19.5	20.0	-2.5	20.0
n-Butanol	Ave	0.4479	0.3461		386	500	-22.7	50.0
Trichloroethene	Ave	0.5907	0.5931	0.2000	20.1	20.0	0.4	20.0
Ethyl acrylate	Ave	1.420	1.382		19.5	20.0	-2.7	20.0
Methylcyclohexane	Ave	1.233	1.294	0.1000	21.0	20.0	4.9	50.0
1,2-Dichloropropane	Ave	0.6208	0.6284	0.1000	20.2	20.0	1.2	20.0
Methyl methacrylate	Ave	0.1207	0.1237		41.0	40.0	2.4	20.0
1,4-Dioxane	Ave	2.200	2.459		447	400	11.8	50.0
n-Propyl acetate	Ave	0.5053	0.4921		19.5	20.0	-2.6	20.0
Dibromomethane	Ave	0.3414	0.3570		20.9	20.0	4.6	20.0
Dichlorobromomethane	Ave	0.7546	0.7645	0.2000	20.3	20.0	1.3	20.0
2-Chloroethyl vinyl ether	Lin2		0.2501		16.9	20.0	-15.7	20.0
2-Nitropropane	QuaF		0.0968		35.3	40.0	-11.7	20.0
Epichlorohydrin	Ave	0.4758	0.5368		451	400	12.8	20.0
cis-1,3-Dichloropropene	Ave	1.242	1.177	0.2000	19.0	20.0	-5.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.187	5.853	0.0500	113	100	12.8	50.0
Toluene	Ave	3.674	3.596	0.4000	19.6	20.0	-2.1	20.0
trans-1,3-Dichloropropene	Ave	0.995	0.9081	0.1000	18.3	20.0	-8.7	50.0
Ethyl methacrylate	Ave	0.9804	0.8713		17.8	20.0	-11.1	20.0
1,1,2-Trichloroethane	Ave	0.6331	0.5794	0.1000	18.3	20.0	-8.5	20.0
Tetrachloroethene	Ave	0.8771	0.9940	0.2000	22.7	20.0	13.3	20.0
1,3-Dichloropropane	Ave	1.090	1.079		19.8	20.0	-1.0	20.0
2-Hexanone	Lin2		2.713	0.0500	96.9	100	-3.1	50.0
n-Butyl acetate	Ave	1.005	1.010		20.1	20.0	0.5	20.0
Chlorodibromomethane	Ave	0.7541	0.8111	0.1000	21.5	20.0	7.6	50.0
Ethylene Dibromide	Ave	0.6123	0.6432	0.1000	21.0	20.0	5.0	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-563951/3 Calibration Date: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72873.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
Chlorobenzene	Ave	2.218	2.253	0.5000	20.3	20.0	1.6	20.0
Ethylbenzene	Ave	1.318	1.353	0.1000	20.5	20.0	2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.8975	0.9366		20.9	20.0	4.4	20.0
m-Xylene & p-Xylene	Ave	1.664	1.635	0.1000	19.7	20.0	-1.7	20.0
n-Butyl acrylate	Ave	0.6502	0.5142		15.8	20.0	-20.9*	20.0
o-Xylene	Ave	1.745	1.773	0.3000	20.3	20.0	1.6	20.0
Styrene	Ave	2.586	2.620	0.3000	20.3	20.0	1.3	20.0
Amyl acetate (mixed isomers)	Ave	2.036	1.685		16.5	20.0	-17.3	20.0
Bromoform	Ave	0.4910	0.5486	0.1000	22.3	20.0	11.7	20.0
Isopropylbenzene	Ave	4.343	4.452	0.1000	20.5	20.0	2.5	20.0
Bromobenzene	Ave	1.712	1.749		20.4	20.0	2.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.710	1.650	0.3000	19.3	20.0	-3.5	20.0
N-Propylbenzene	Ave	8.966	8.574		19.1	20.0	-4.4	20.0
1,2,3-Trichloropropane	Ave	0.4894	0.4800		19.6	20.0	-1.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4361	0.3014		13.8	20.0	-30.9*	20.0
2-Chlorotoluene	Ave	6.199	5.763		18.6	20.0	-7.0	20.0
4-Ethyltoluene	Ave	7.443	7.120		19.1	20.0	-4.3	20.0
1,3,5-Trimethylbenzene	Ave	6.624	6.381		19.3	20.0	-3.7	20.0
4-Chlorotoluene	Ave	5.308	5.026		18.9	20.0	-5.3	20.0
Butyl Methacrylate	Ave	2.322	1.957		16.9	20.0	-15.7	20.0
tert-Butylbenzene	Ave	5.074	4.644		18.3	20.0	-8.5	20.0
1,2,4-Trimethylbenzene	Ave	6.870	6.377		18.6	20.0	-7.2	20.0
sec-Butylbenzene	Ave	8.118	7.955		19.6	20.0	-2.0	20.0
4-Isopropyltoluene	Ave	6.996	6.669		19.1	20.0	-4.7	20.0
1,3-Dichlorobenzene	Ave	3.567	3.653	0.6000	20.5	20.0	2.4	20.0
1,4-Dichlorobenzene	Ave	3.614	3.634	0.5000	20.1	20.0	0.5	20.0
1,2,3-Trimethylbenzene	Ave	6.978	6.673		19.1	20.0	-4.4	20.0
Benzyl chloride	Ave	3.528	3.246		18.4	20.0	-8.0	50.0
Indan	Ave	6.893	6.813		19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	3.951	4.008		20.3	20.0	1.4	20.0
n-Butylbenzene	Ave	3.787	3.667		19.4	20.0	-3.2	20.0
1,2-Dichlorobenzene	Ave	3.610	3.811	0.4000	21.1	20.0	5.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	6.829	6.350		18.6	20.0	-7.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3929	0.3025	0.0500	15.4	20.0	-23.0	50.0
1,3,5-Trichlorobenzene	Ave	2.930	3.092		21.1	20.0	5.5	20.0
1,2,4-Trichlorobenzene	Ave	2.746	2.979	0.2000	21.7	20.0	8.5	20.0
Hexachlorobutadiene	Ave	1.094	1.230		22.5	20.0	12.5	20.0
Naphthalene	Ave	5.852	6.547		22.4	20.0	11.9	50.0
1,2,3-Trichlorobenzene	Ave	2.477	2.759		22.3	20.0	11.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2475	0.2838		57.3	50.0	14.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2444	0.2511		51.4	50.0	2.7	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-563951/3 Calibration Date: 10/29/2018 04:19  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72873.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
Toluene-d8 (Surr)	Ave	1.323	1.381		52.2	50.0	4.4	20.0
4-Bromofluorobenzene	Ave	0.3851	0.4291		55.7	50.0	11.4	20.0

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72873.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 29-Oct-2018 04:19:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0081059-003  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:32:46 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: tupayachia

Date: 29-Oct-2018 05:40:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	86	59981	20.0	20.5	
2 Dichlorodifluoromethane	85	1.574	1.574	0.000	99	135575	20.0	20.4	
3 Chloromethane	50	1.747	1.747	0.000	99	138662	20.0	17.7	
5 Butadiene	54	1.820	1.820	0.000	92	116277	20.0	16.8	
4 Vinyl chloride	62	1.837	1.837	0.000	97	148505	20.0	19.1	
6 Bromomethane	94	2.108	2.108	0.000	99	106758	20.0	19.6	
7 Chloroethane	64	2.166	2.166	0.000	99	83392	20.0	18.9	
8 Dichlorofluoromethane	67	2.346	2.346	0.000	98	212136	20.0	21.9	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	67	162790	20.0	23.5	
10 Pentane	72	2.363	2.363	0.000	98	32667	40.0	43.1	
11 Ethanol	46	2.552	2.552	0.000	71	9555	800.0	689.2	
12 Ethyl ether	59	2.552	2.552	0.000	93	65587	20.0	18.6	
13 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	74949	20.0	17.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	94	91976	20.0	22.8	
15 Acrolein	56	2.733	2.733	0.000	39	19394	40.0	34.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	99	101976	20.0	23.8	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	96	92263	20.0	20.7	
18 Acetone	43	2.848	2.848	0.000	89	105653	100.0	83.2	
19 Iodomethane	142	2.913	2.913	0.000	95	177465	20.0	22.7	
21 Carbon disulfide	76	2.946	2.946	0.000	98	349614	20.0	20.9	
20 Isopropyl alcohol	45	2.963	2.963	0.000	26	26925	200.0	139.1	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	95	161869	20.0	18.8	
24 Methyl acetate	43	3.078	3.078	0.000	52	98611	40.0	34.8	
23 Cyclopentene	67	3.086	3.086	0.000	94	218880	20.0	19.2	
25 Acetonitrile	41	3.152	3.152	0.000	97	97878	200.0	216.5	
27 Methylene Chloride	84	3.193	3.193	0.000	89	113085	20.0	21.6	
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	127856	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	91	70872	200.0	202.8	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	97	218113	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	91	102227	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.447	3.447	0.000	96	301966	200.0	220.0	
32 Hexane	43	3.521	3.521	0.000	90	73492	20.0	17.7	
33 Isopropyl ether	45	3.719	3.719	0.000	98	273797	20.0	19.4	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	164760	20.0	20.7	
35 Vinyl acetate	86	3.768	3.768	0.000	99	30306	40.0	41.4	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	88	85806	20.0	21.9	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	91	243501	20.0	20.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	126026	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	92	34086	20.0	20.0	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	98	108820	20.0	21.6	
42 Ethyl acetate	70	4.277	4.277	0.000	78	13773	40.0	41.2	
41 2-Butanone (MEK)	72	4.277	4.277	0.000	95	34583	100.0	102.2	
43 Methyl acrylate	55	4.335	4.335	0.000	99	45806	20.0	16.3	a
44 Propionitrile	54	4.417	4.417	0.000	98	94068	200.0	244.4	
45 Chlorobromomethane	128	4.499	4.499	0.000	80	52402	20.0	22.8	
46 Tetrahydrofuran	72	4.507	4.507	0.000	56	20038	40.0	44.0	
47 Methacrylonitrile	67	4.516	4.516	0.000	88	274090	200.0	198.5	
48 Chloroform	83	4.549	4.549	0.000	98	150005	20.0	20.4	
49 Cyclohexane	84	4.680	4.680	0.000	90	149278	20.0	20.4	
50 1,1,1-Trichloroethane	97	4.696	4.696	0.000	98	138718	20.0	21.2	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	93755	50.0	57.3	
52 Carbon tetrachloride	117	4.811	4.811	0.000	98	119801	20.0	22.3	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	111049	20.0	20.4	
54 Isobutyl alcohol	43	4.984	4.984	0.000	36	103325	500.0	541.8	
55 Benzene	78	5.033	5.033	0.000	96	332487	20.0	19.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	82941	50.0	51.4	
57 Isopropyl acetate	43	5.083	5.083	0.000	74	195017	20.0	18.5	
58 Tert-amyl methyl ether	73	5.091	5.091	0.000	92	272667	20.0	20.2	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	84348	20.0	19.3	
60 n-Heptane	57	5.173	5.173	0.000	89	63088	20.0	19.5	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	330304	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	82	22128	500.0	386.4	
63 Trichloroethene	95	5.666	5.666	0.000	96	78358	20.0	20.1	
65 Ethyl acrylate	55	5.789	5.789	0.000	92	182617	20.0	19.5	
64 Methylcyclohexane	83	5.789	5.789	0.000	89	171010	20.0	21.0	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	83026	20.0	20.2	
* 67 1,4-Dioxane-d8	96	6.028	6.028	0.000	0	12520	1000.0	1000.0	
68 Methyl methacrylate	100	6.028	6.028	0.000	85	32674	40.0	41.0	
69 1,4-Dioxane	88	6.060	6.060	0.000	28	12317	400.0	447.1	
70 n-Propyl acetate	43	6.077	6.077	0.000	98	65018	20.0	19.5	
71 Dibromomethane	93	6.085	6.085	0.000	98	47173	20.0	20.9	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	101010	20.0	20.3	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	75	33039	20.0	16.9	
73 2-Nitropropane	41	6.562	6.562	0.000	79	25588	40.0	35.3	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	108232	400.0	451.2	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	88	106271	20.0	19.0	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	94	295051	100.0	112.8	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.000	99	311584	50.0	52.2	
79 Toluene	91	7.046	7.046	0.000	93	324602	20.0	19.6	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	81971	20.0	18.3	
81 Ethyl methacrylate	69	7.424	7.424	0.000	86	78648	20.0	17.8	
82 1,1,2-Trichloroethane	83	7.613	7.613	0.000	95	52302	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.663	7.663	0.000	96	89721	20.0	22.7	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	90	97426	20.0	19.8	
85 2-Hexanone	43	7.885	7.885	0.000	94	136753	100.0	96.9	
86 n-Butyl acetate	43	8.000	8.000	0.000	98	91161	20.0	20.1	
87 Chlorodibromomethane	129	8.057	8.057	0.000	97	73211	20.0	21.5	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	58059	20.0	21.0	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	225662	50.0	50.0	
90 Chlorobenzene	112	8.788	8.788	0.000	96	203397	20.0	20.3	
91 Ethylbenzene	106	8.887	8.887	0.000	97	122123	20.0	20.5	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	97	84545	20.0	20.9	
93 m-Xylene & p-Xylene	106	9.051	9.051	0.000	0	147591	20.0	19.7	
94 n-Butyl acrylate	73	9.487	9.487	0.000	98	46417	20.0	15.8	
95 o-Xylene	106	9.495	9.495	0.000	94	159995	20.0	20.3	
96 Styrene	104	9.528	9.528	0.000	98	236521	20.0	20.3	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	92	92319	20.0	16.5	
98 Bromoform	173	9.733	9.733	0.000	98	49522	20.0	22.3	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	401879	20.0	20.5	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	97	96829	50.0	55.7	
101 Bromobenzene	156	10.144	10.144	0.000	93	95847	20.0	20.4	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	90428	20.0	19.3	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	469878	20.0	19.1	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	96	26308	20.0	19.6	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	80	16518	20.0	13.8	
106 2-Chlorotoluene	91	10.292	10.292	0.000	89	315851	20.0	18.6	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	390184	20.0	19.1	
108 1,3,5-Trimethylbenzene	105	10.341	10.341	0.000	95	349731	20.0	19.3	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	275454	20.0	18.9	
110 Butyl Methacrylate	87	10.424	10.424	0.000	86	107233	20.0	16.9	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	254531	20.0	18.3	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	349496	20.0	18.6	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	435980	20.0	19.6	
114 4-Isopropyltoluene	119	10.834	10.834	0.000	98	365516	20.0	19.1	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	98	200180	20.0	20.5	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	137012	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	96	199148	20.0	20.1	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	365713	20.0	19.1	
118 Benzyl chloride	91	11.015	11.015	0.000	100	177918	20.0	18.4	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	95	373389	20.0	19.8	
120 p-Diethylbenzene	119	11.089	11.089	0.000	95	219638	20.0	20.3	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	200963	20.0	19.4	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	208872	20.0	21.1	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.574	0.000	98	348023	20.0	18.6	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	93	16576	20.0	15.4	
125 1,3,5-Trichlorobenzene	180	11.738	11.738	0.000	97	169443	20.0	21.1	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	95	163273	20.0	21.7	
127 Hexachlorobutadiene	225	12.198	12.198	0.000	97	67424	20.0	22.5	
128 Naphthalene	128	12.305	12.305	0.000	99	358791	20.0	22.4	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	151211	20.0	22.3	
S 130 1,2-Dichloroethene, Total	100				0		40.0	43.7	
S 131 Xylenes, Total	100				0		40.0	40.0	



### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72873.D

Injection Date: 29-Oct-2018 04:19:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

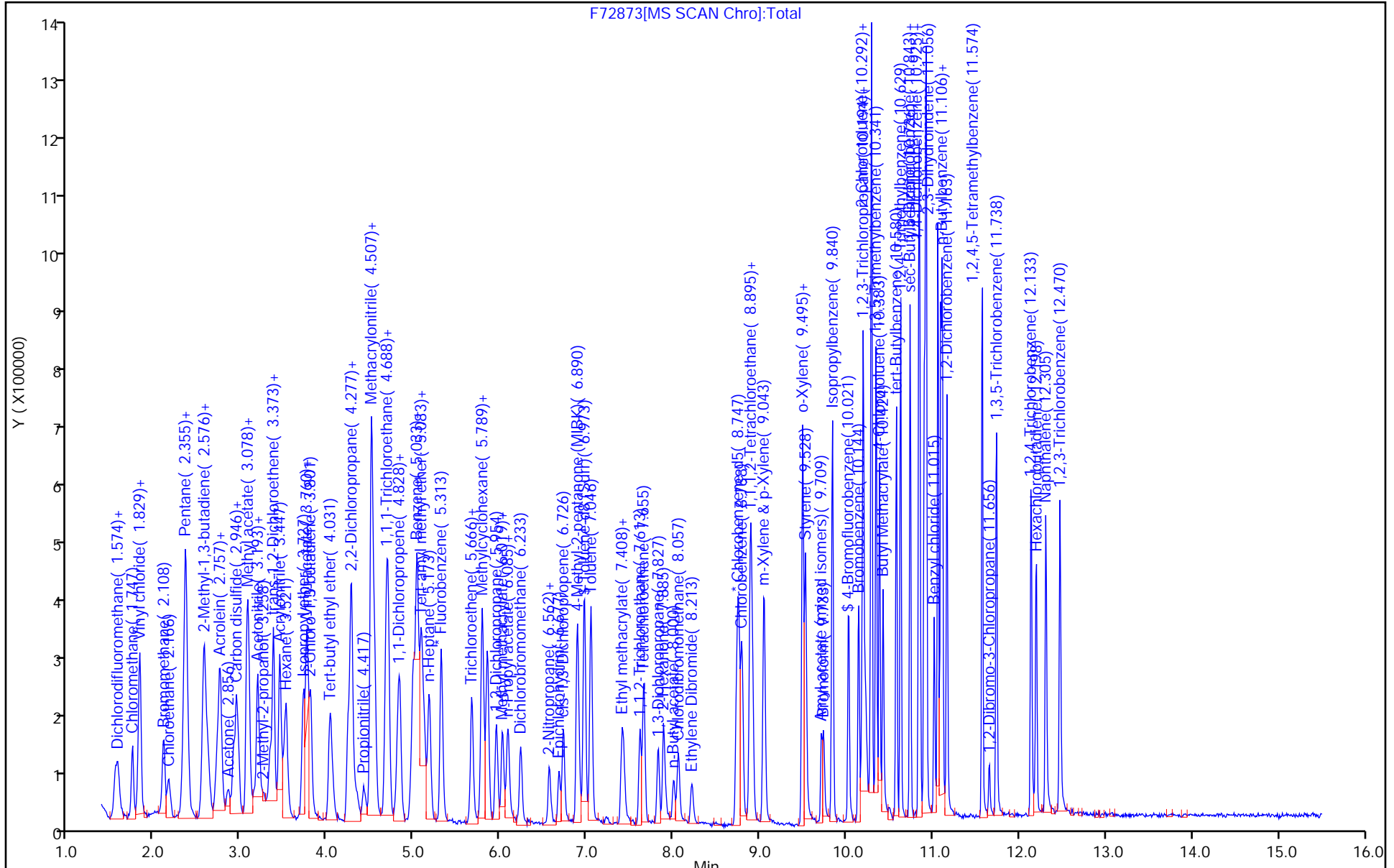
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



F72873[MS SCAN Chrom]:Total

TestAmerica Edison

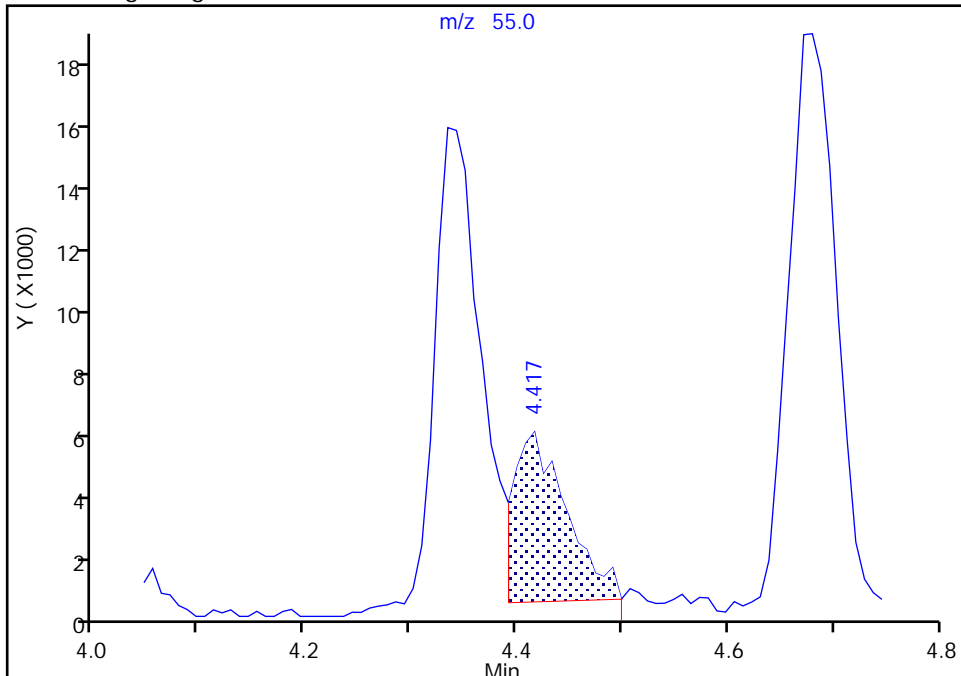
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72873.D  
Injection Date: 29-Oct-2018 04:19:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

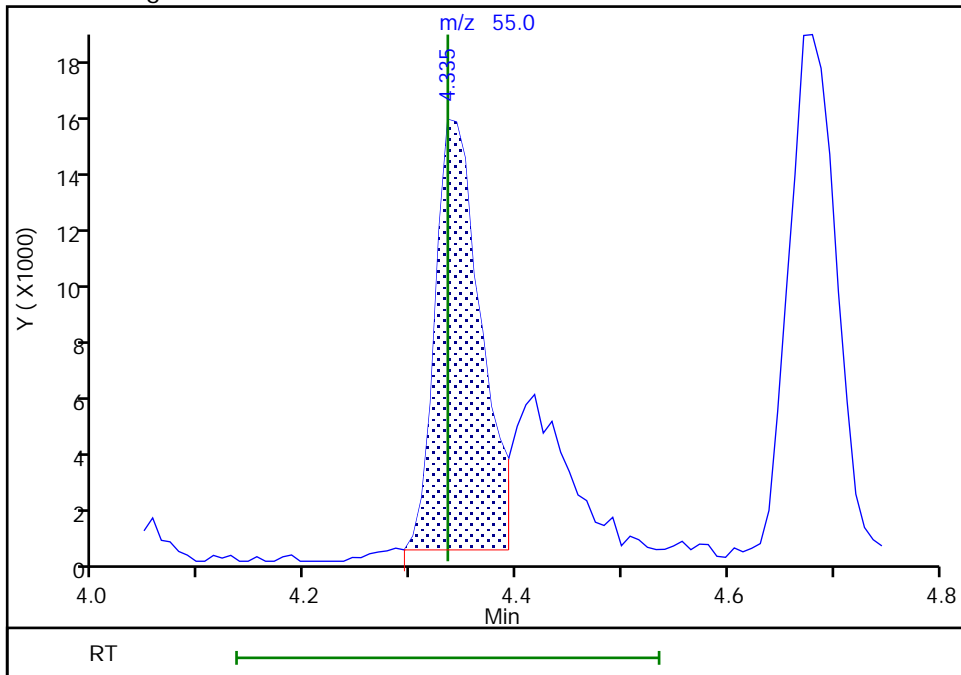
RT: 4.42  
Area: 19068  
Amount: 6.772035  
Amount Units: ug/l

Processing Integration Results



RT: 4.33  
Area: 45806  
Amount: 16.268086  
Amount Units: ug/l

Manual Integration Results



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564124/3 Calibration Date: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72903.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
Chlorotrifluoroethene	Ave	0.4420	0.4960		22.4	20.0	12.2	20.0
Dichlorodifluoromethane	Ave	1.007	0.8344	0.1000	16.6	20.0	-17.1	20.0
Chloromethane	Ave	1.189	0.8039	0.1000	13.5	20.0	-32.4*	20.0
Butadiene	Ave	1.048	0.6753		12.9	20.0	-35.6*	20.0
Vinyl chloride	Ave	1.174	0.8839	0.1000	15.1	20.0	-24.7*	20.0
Bromomethane	Ave	0.8257	0.6775	0.1000	16.4	20.0	-17.9	50.0
Chloroethane	Ave	0.6679	0.5096	0.1000	15.3	20.0	-23.7	50.0
Dichlorofluoromethane	Ave	1.466	1.306		17.8	20.0	-10.9	20.0
Pentane	Ave	5.932	6.387		43.1	40.0	7.7	20.0
Trichlorofluoromethane	Ave	1.050	0.9654	0.1000	18.4	20.0	-8.0	20.0
Ethyl ether	Ave	0.5330	0.4546		17.1	20.0	-14.7	20.0
Ethanol	Ave	0.1084	0.1211		893	800	11.7	50.0
2-Methyl-1,3-butadiene	Ave	0.6554	0.5000		15.3	20.0	-23.7*	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.6096	0.6179		20.3	20.0	1.4	20.0
Acrolein	Ave	4.397	3.441		31.3	40.0	-21.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6499	0.6638	0.1000	20.4	20.0	2.1	20.0
1,1-Dichloroethene	Ave	0.6757	0.6268	0.1000	18.6	20.0	-7.2	20.0
Acetone	QuaF		1.962	0.0500	77.9	100	-22.1	50.0
Iodomethane	Ave	1.183	1.250		21.1	20.0	5.7	20.0
Carbon disulfide	Ave	2.529	2.400	0.1000	19.0	20.0	-5.1	50.0
Isopropyl alcohol	Lin2		1.163		153	200	-23.3	50.0
Allyl chloride	Ave	1.300	1.094		16.8	20.0	-15.8	20.0
Methyl acetate	Ave	0.4294	0.3175	0.1000	29.6	40.0	-26.1*	20.0
Cyclopentene	Ave	1.724	1.489		17.3	20.0	-13.6	20.0
Acetonitrile	Ave	3.535	3.117		176	200	-11.8	20.0
Methylene Chloride	Ave	0.7920	0.7627	0.1000	19.3	20.0	-3.7	20.0
2-Methyl-2-propanol	Ave	2.733	2.643		193	200	-3.3	50.0
Methyl tert-butyl ether	Ave	1.566	1.487	0.1000	19.0	20.0	-5.0	20.0
trans-1,2-Dichloroethene	Ave	0.7000	0.7232	0.1000	20.7	20.0	3.3	20.0
Acrylonitrile	Ave	0.2077	0.2033		196	200	-2.1	20.0
Hexane	Ave	0.6282	0.5009		15.9	20.0	-20.3*	20.0
Isopropyl ether	Ave	2.136	1.900		17.8	20.0	-11.1	20.0
1,1-Dichloroethane	Ave	1.206	1.158	0.2000	19.2	20.0	-3.9	20.0
Vinyl acetate	Ave	0.1107	0.1001		36.2	40.0	-9.6	20.0
2-Chloro-1,3-butadiene	Ave	0.5942	0.6271		21.1	20.0	5.5	20.0
Tert-butyl ethyl ether	Ave	1.842	1.655		18.0	20.0	-10.2	20.0
2,2-Dichloropropane	Ave	0.2585	0.2300		17.8	20.0	-11.0	20.0
cis-1,2-Dichloroethene	Ave	0.7635	0.7779	0.1000	20.4	20.0	1.9	20.0
2-Butanone (MEK)	Ave	0.6710	0.7733	0.0500	115	100	15.2	50.0
Ethyl acetate	QuaF		0.7404		44.6	40.0	11.6	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564124/3 Calibration Date: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72903.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
Methyl acrylate	Ave	0.6239	0.5313		17.0	20.0	-14.8	20.0
Propionitrile	Ave	3.010	3.552		236	200	18.0	20.0
Chlorobromomethane	Ave	0.3476	0.3847		22.1	20.0	10.7	20.0
Methacrylonitrile	Ave	0.2090	0.1941		186	200	-7.2	20.0
Tetrahydrofuran	QuaF		0.9742		43.1	40.0	7.8	20.0
Chloroform	Ave	1.112	1.098	0.2000	19.7	20.0	-1.3	20.0
Cyclohexane	Ave	1.110	1.022	0.1000	18.4	20.0	-7.9	50.0
1,1,1-Trichloroethane	Ave	0.9926	1.004	0.1000	20.2	20.0	1.1	20.0
Carbon tetrachloride	Ave	0.8121	0.8319	0.1000	20.5	20.0	2.4	20.0
1,1-Dichloropropene	Ave	0.8248	0.8045		19.5	20.0	-2.5	20.0
Isobutyl alcohol	Ave	1.492	1.560		523	500	4.6	50.0
Benzene	Ave	3.856	3.750	0.5000	19.4	20.0	-2.8	20.0
Isopropyl acetate	Ave	1.593	1.364		17.1	20.0	-14.4	20.0
Tert-amyl methyl ether	Ave	2.045	1.880		18.4	20.0	-8.1	20.0
1,2-Dichloroethane	Ave	0.6602	0.6483	0.1000	19.6	20.0	-1.8	20.0
n-Heptane	Ave	0.4897	0.4501		18.4	20.0	-8.1	20.0
n-Butanol	Ave	0.4479	0.3476		388	500	-22.4	50.0
Trichloroethene	Ave	0.5907	0.6032	0.2000	20.4	20.0	2.1	20.0
Ethyl acrylate	Ave	1.420	1.219		17.2	20.0	-14.2	20.0
Methylcyclohexane	Ave	1.233	1.169	0.1000	19.0	20.0	-5.2	50.0
1,4-Dioxane	Ave	2.200	1.551		282	400	-29.5	50.0
1,2-Dichloropropane	Ave	0.6208	0.6166	0.1000	19.9	20.0	-0.7	20.0
Methyl methacrylate	Ave	0.1207	0.1186		39.3	40.0	-1.8	20.0
n-Propyl acetate	Ave	0.5053	0.4821		19.1	20.0	-4.6	20.0
Dibromomethane	Ave	0.3414	0.3398		19.9	20.0	-0.5	20.0
Dichlorobromomethane	Ave	0.7546	0.7287	0.2000	19.3	20.0	-3.4	20.0
2-Chloroethyl vinyl ether	Lin2		0.2414		16.3	20.0	-18.5	20.0
2-Nitropropane	QuaF		0.0780		28.4	40.0	-29.0*	20.0
Epichlorohydrin	Ave	0.4758	0.5497		462	400	15.5	20.0
cis-1,3-Dichloropropene	Ave	1.242	1.182	0.2000	19.0	20.0	-4.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.187	5.925	0.0500	114	100	14.2	50.0
Toluene	Ave	3.674	3.614	0.4000	19.7	20.0	-1.6	20.0
trans-1,3-Dichloropropene	Ave	0.995	0.9207	0.1000	18.5	20.0	-7.5	50.0
Ethyl methacrylate	Ave	0.9804	0.8336		17.0	20.0	-15.0	20.0
1,1,2-Trichloroethane	Ave	0.6331	0.5716	0.1000	18.1	20.0	-9.7	20.0
Tetrachloroethene	Ave	0.8771	0.9856	0.2000	22.5	20.0	12.4	20.0
1,3-Dichloropropane	Ave	1.090	1.051		19.3	20.0	-3.6	20.0
2-Hexanone	Lin2		2.872	0.0500	102	100	2.5	50.0
n-Butyl acetate	Ave	1.005	0.9508		18.9	20.0	-5.4	20.0
Chlorodibromomethane	Ave	0.7541	0.7828	0.1000	20.8	20.0	3.8	50.0
Ethylene Dibromide	Ave	0.6123	0.6349	0.1000	20.7	20.0	3.7	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564124/3 Calibration Date: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72903.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
Chlorobenzene	Ave	2.218	2.289	0.5000	20.6	20.0	3.2	20.0
Ethylbenzene	Ave	1.318	1.346	0.1000	20.4	20.0	2.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.8975	0.9441		21.0	20.0	5.2	20.0
m-Xylene & p-Xylene	Ave	1.664	1.635	0.1000	19.7	20.0	-1.7	20.0
n-Butyl acrylate	Ave	0.6502	0.5439		16.7	20.0	-16.3	20.0
o-Xylene	Ave	1.745	1.716	0.3000	19.7	20.0	-1.7	20.0
Styrene	Ave	2.586	2.534	0.3000	19.6	20.0	-2.0	20.0
Amyl acetate (mixed isomers)	Ave	2.036	1.842		18.1	20.0	-9.5	20.0
Bromoform	Ave	0.4910	0.5182	0.1000	21.1	20.0	5.5	20.0
Isopropylbenzene	Ave	4.343	4.375	0.1000	20.1	20.0	0.7	20.0
Bromobenzene	Ave	1.712	1.825		21.3	20.0	6.6	20.0
1,1,2,2-Tetrachloroethane	Ave	1.710	1.595	0.3000	18.6	20.0	-6.8	20.0
N-Propylbenzene	Ave	8.966	8.360		18.6	20.0	-6.8	20.0
1,2,3-Trichloropropane	Ave	0.4894	0.4721		19.3	20.0	-3.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4361	0.3044		14.0	20.0	-30.2*	20.0
2-Chlorotoluene	Ave	6.199	5.588		18.0	20.0	-9.9	20.0
4-Ethyltoluene	Ave	7.443	7.054		19.0	20.0	-5.2	20.0
1,3,5-Trimethylbenzene	Ave	6.624	6.226		18.8	20.0	-6.0	20.0
4-Chlorotoluene	Ave	5.308	4.968		18.7	20.0	-6.4	20.0
Butyl Methacrylate	Ave	2.322	1.960		16.9	20.0	-15.6	20.0
tert-Butylbenzene	Ave	5.074	4.790		18.9	20.0	-5.6	20.0
1,2,4-Trimethylbenzene	Ave	6.870	6.241		18.2	20.0	-9.1	20.0
sec-Butylbenzene	Ave	8.118	7.784		19.2	20.0	-4.1	20.0
4-Isopropyltoluene	Ave	6.996	6.651		19.0	20.0	-4.9	20.0
1,3-Dichlorobenzene	Ave	3.567	3.698	0.6000	20.7	20.0	3.7	20.0
1,4-Dichlorobenzene	Ave	3.614	3.749	0.5000	20.7	20.0	3.7	20.0
1,2,3-Trimethylbenzene	Ave	6.978	6.690		19.2	20.0	-4.1	20.0
Benzyl chloride	Ave	3.528	3.162		17.9	20.0	-10.4	50.0
Indan	Ave	6.893	6.841		19.8	20.0	-0.8	20.0
p-Diethylbenzene	Ave	3.951	3.987		20.2	20.0	0.9	20.0
n-Butylbenzene	Ave	3.787	3.586		18.9	20.0	-5.3	20.0
1,2-Dichlorobenzene	Ave	3.610	3.805	0.4000	21.1	20.0	5.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	6.829	6.461		18.9	20.0	-5.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3929	0.2935	0.0500	14.9	20.0	-25.3	50.0
1,3,5-Trichlorobenzene	Ave	2.930	3.125		21.3	20.0	6.7	20.0
1,2,4-Trichlorobenzene	Ave	2.746	2.940	0.2000	21.4	20.0	7.0	20.0
Hexachlorobutadiene	Ave	1.094	1.235		22.6	20.0	12.9	20.0
Naphthalene	Ave	5.852	6.448		22.0	20.0	10.2	50.0
1,2,3-Trichlorobenzene	Ave	2.477	2.771		22.4	20.0	11.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2475	0.2851		57.6	50.0	15.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2444	0.2424		49.6	50.0	-0.8	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564124/3 Calibration Date: 10/29/2018 17:18  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72903.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
Toluene-d8 (Surr)	Ave	1.323	1.387		52.4	50.0	4.8	20.0
4-Bromofluorobenzene	Ave	0.3851	0.4421		57.4	50.0	14.8	20.0

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72903.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 29-Oct-2018 17:18:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0081094-003  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 11:54:30 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: parekhv

Date: 29-Oct-2018 18:53:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	85	72380	20.0	22.4	
2 Dichlorodifluoromethane	85	1.566	1.566	0.000	98	121766	20.0	16.6	
3 Chloromethane	50	1.738	1.738	0.000	99	117310	20.0	13.5	
5 Butadiene	54	1.821	1.821	0.000	91	98554	20.0	12.9	
4 Vinyl chloride	62	1.829	1.829	0.000	98	128991	20.0	15.1	
6 Bromomethane	94	2.100	2.100	0.000	98	98868	20.0	16.4	
7 Chloroethane	64	2.166	2.166	0.000	99	74373	20.0	15.3	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	98	190567	20.0	17.8	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	61	140882	20.0	18.4	
10 Pentane	72	2.355	2.355	0.000	97	32630	40.0	43.1	
12 Ethyl ether	59	2.552	2.552	0.000	93	66335	20.0	17.1	
11 Ethanol	46	2.560	2.560	0.000	69	12370	800.0	893.2	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	95	72959	20.0	15.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.601	0.000	93	90175	20.0	20.3	
15 Acrolein	56	2.724	2.724	0.000	39	17577	40.0	31.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	97	96867	20.0	20.4	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	95	91468	20.0	18.6	
18 Acetone	43	2.839	2.839	0.000	90	98774	100.0	77.9	
19 Iodomethane	142	2.905	2.905	0.000	96	182468	20.0	21.1	
21 Carbon disulfide	76	2.946	2.946	0.000	98	350236	20.0	19.0	
20 Isopropyl alcohol	45	2.946	2.946	0.000	27	29707	200.0	153.4	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	95	159713	20.0	16.8	
25 Acetonitrile	41	3.144	3.144	0.000	98	79623	200.0	176.4	a
24 Methyl acetate	43	3.070	3.070	0.000	64	92664	40.0	29.6	
23 Cyclopentene	67	3.086	3.086	0.000	97	217251	20.0	17.3	
27 Methylene Chloride	84	3.185	3.185	0.000	88	111298	20.0	19.3	
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	127711	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	92	67520	200.0	193.5	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	216989	20.0	19.0	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	92	105533	20.0	20.7	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.439	3.439	0.000	98	296692	200.0	195.7	
32 Hexane	43	3.513	3.513	0.000	89	73091	20.0	15.9	
33 Isopropyl ether	45	3.719	3.719	0.000	98	277247	20.0	17.8	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	168991	20.0	19.2	
35 Vinyl acetate	86	3.768	3.768	0.000	99	29221	40.0	36.2	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	88	91519	20.0	21.1	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	91	241490	20.0	18.0	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	125874	250.0	250.0	
39 2,2-Dichloropropane	97	4.261	4.261	0.000	90	33567	20.0	17.8	
40 cis-1,2-Dichloroethene	96	4.269	4.269	0.000	98	113519	20.0	20.4	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	38936	100.0	115.2	
42 Ethyl acetate	70	4.286	4.286	0.000	96	14912	40.0	44.6	
43 Methyl acrylate	55	4.335	4.335	0.000	99	51422	20.0	17.0	a
44 Propionitrile	54	4.425	4.425	0.000	99	90738	200.0	236.0	
45 Chlorobromomethane	128	4.499	4.499	0.000	75	56146	20.0	22.1	
46 Tetrahydrofuran	72	4.508	4.508	0.000	54	19621	40.0	43.1	
47 Methacrylonitrile	67	4.508	4.508	0.000	89	283201	200.0	185.7	
48 Chloroform	83	4.549	4.549	0.000	99	160188	20.0	19.7	
49 Cyclohexane	84	4.672	4.672	0.000	88	149144	20.0	18.4	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	98	146491	20.0	20.2	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	104001	50.0	57.6	
52 Carbon tetrachloride	117	4.812	4.812	0.000	97	121404	20.0	20.5	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	97	117404	20.0	19.5	
54 Isobutyl alcohol	43	4.984	4.984	0.000	37	99585	500.0	522.8	
55 Benzene	78	5.033	5.033	0.000	95	362897	20.0	19.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	88424	50.0	49.6	
57 Isopropyl acetate	43	5.074	5.074	0.000	78	198984	20.0	17.1	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	92	274375	20.0	18.4	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	94602	20.0	19.6	
60 n-Heptane	57	5.173	5.173	0.000	87	65690	20.0	18.4	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	364832	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	83	22196	500.0	388.1	
63 Trichloroethene	95	5.666	5.666	0.000	96	88031	20.0	20.4	
65 Ethyl acrylate	55	5.781	5.781	0.000	93	177892	20.0	17.2	
64 Methylcyclohexane	83	5.789	5.789	0.000	90	170546	20.0	19.0	
69 1,4-Dioxane	88	5.847	5.847	0.000	26	7601	400.0	282.0	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	93	89988	20.0	19.9	
* 67 1,4-Dioxane-d8	96	6.011	6.011	0.000	0	12252	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.019	0.000	83	34617	40.0	39.3	
70 n-Propyl acetate	43	6.077	6.077	0.000	96	70350	20.0	19.1	
71 Dibromomethane	93	6.085	6.085	0.000	94	49590	20.0	19.9	
72 Dichlorobromomethane	83	6.233	6.233	0.000	98	106340	20.0	19.3	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	77	35226	20.0	16.3	
73 2-Nitropropane	41	6.562	6.562	0.000	79	22754	40.0	28.4	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	110713	400.0	462.1	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	87	114356	20.0	19.0	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.882	0.000	94	298323	100.0	114.2	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	99	335461	50.0	52.4	
79 Toluene	91	7.047	7.047	0.000	94	349797	20.0	19.7	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	89099	20.0	18.5	
81 Ethyl methacrylate	69	7.425	7.425	0.000	86	80672	20.0	17.0	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	96	55316	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	95	95388	20.0	22.5	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	101736	20.0	19.3	
85 2-Hexanone	43	7.885	7.885	0.000	93	144592	100.0	102.5	
86 n-Butyl acetate	43	8.000	8.000	0.000	99	92020	20.0	18.9	
87 Chlorodibromomethane	129	8.057	8.057	0.000	97	75762	20.0	20.8	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	61448	20.0	20.7	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	241946	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	97	221524	20.0	20.6	
91 Ethylbenzene	106	8.887	8.887	0.000	97	130226	20.0	20.4	
92 1,1,1,2-Tetrachloroethane	131	8.904	8.904	0.000	97	91366	20.0	21.0	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	158247	20.0	19.7	
94 n-Butyl acrylate	73	9.487	9.487	0.000	98	52641	20.0	16.7	
95 o-Xylene	106	9.495	9.495	0.000	95	166025	20.0	19.7	
96 Styrene	104	9.528	9.528	0.000	98	245282	20.0	19.6	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	94	105851	20.0	18.1	
98 Bromoform	173	9.733	9.733	0.000	97	50154	20.0	21.1	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	423368	20.0	20.1	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	96	106969	50.0	57.4	
101 Bromobenzene	156	10.144	10.144	0.000	93	104842	20.0	21.3	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	91627	20.0	18.6	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	480331	20.0	18.6	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	93	27127	20.0	19.3	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	87	17491	20.0	14.0	
106 2-Chlorotoluene	91	10.284	10.284	0.000	89	321087	20.0	18.0	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	405311	20.0	19.0	
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	95	357702	20.0	18.8	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	285438	20.0	18.7	
110 Butyl Methacrylate	87	10.424	10.424	0.000	86	112605	20.0	16.9	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	275203	20.0	18.9	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	358608	20.0	18.2	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	447223	20.0	19.2	
114 4-Isopropyltoluene	119	10.835	10.835	0.000	98	382124	20.0	19.0	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	99	212482	20.0	20.7	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	143641	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	215378	20.0	20.7	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	384385	20.0	19.2	
118 Benzyl chloride	91	11.015	11.015	0.000	100	181658	20.0	17.9	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	393064	20.0	19.8	
120 p-Diethylbenzene	119	11.089	11.089	0.000	95	229095	20.0	20.2	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	206042	20.0	18.9	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	98	218642	20.0	21.1	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.574	0.000	98	371198	20.0	18.9	
124 1,2-Dibromo-3-Chloropropan	75	11.656	11.656	0.000	92	16865	20.0	14.9	
125 1,3,5-Trichlorobenzene	180	11.738	11.738	0.000	97	179573	20.0	21.3	
126 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	94	168896	20.0	21.4	
127 Hexachlorobutadiene	225	12.199	12.199	0.000	96	70947	20.0	22.6	
128 Naphthalene	128	12.314	12.314	0.000	99	370472	20.0	22.0	
129 1,2,3-Trichlorobenzene	180	12.478	12.478	0.000	96	159203	20.0	22.4	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 131 Xylenes, Total	100				0		40.0	39.3	

### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72903.D

Injection Date: 29-Oct-2018 17:18:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

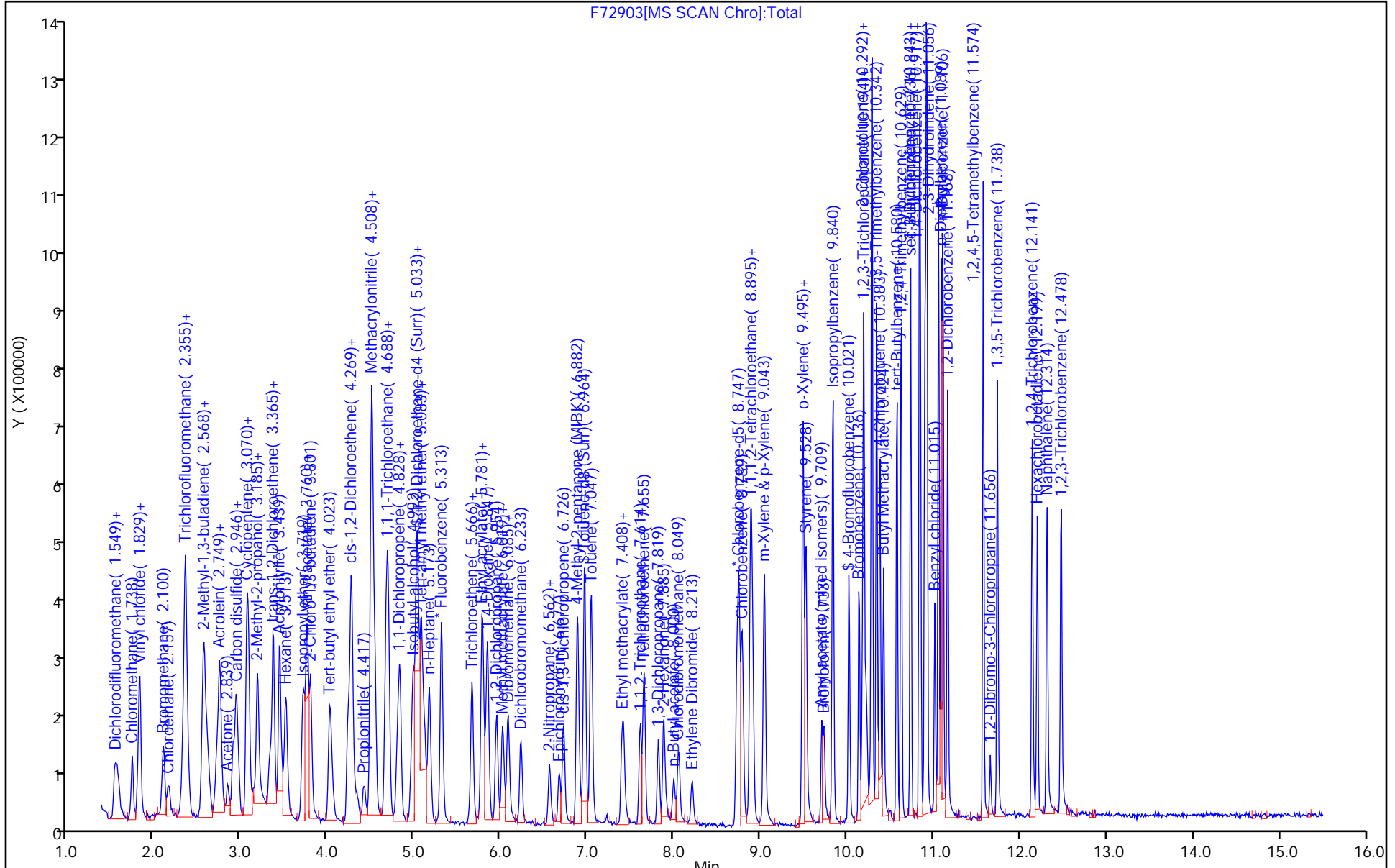
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



F72903[MS SCAN Chro]:Total

TestAmerica Edison

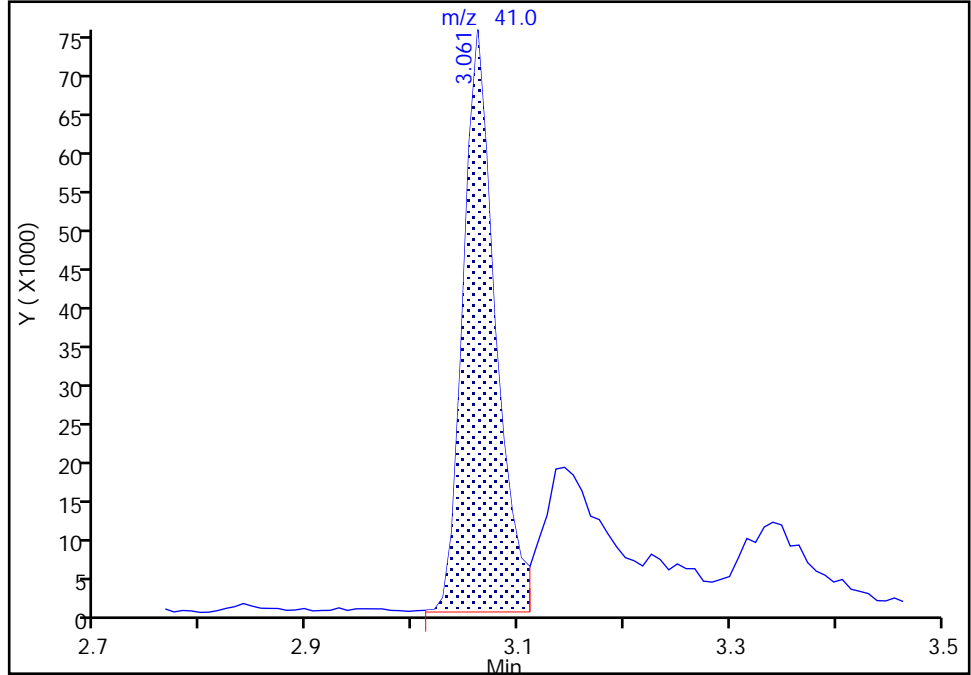
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Injection Date: 29-Oct-2018 17:18:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

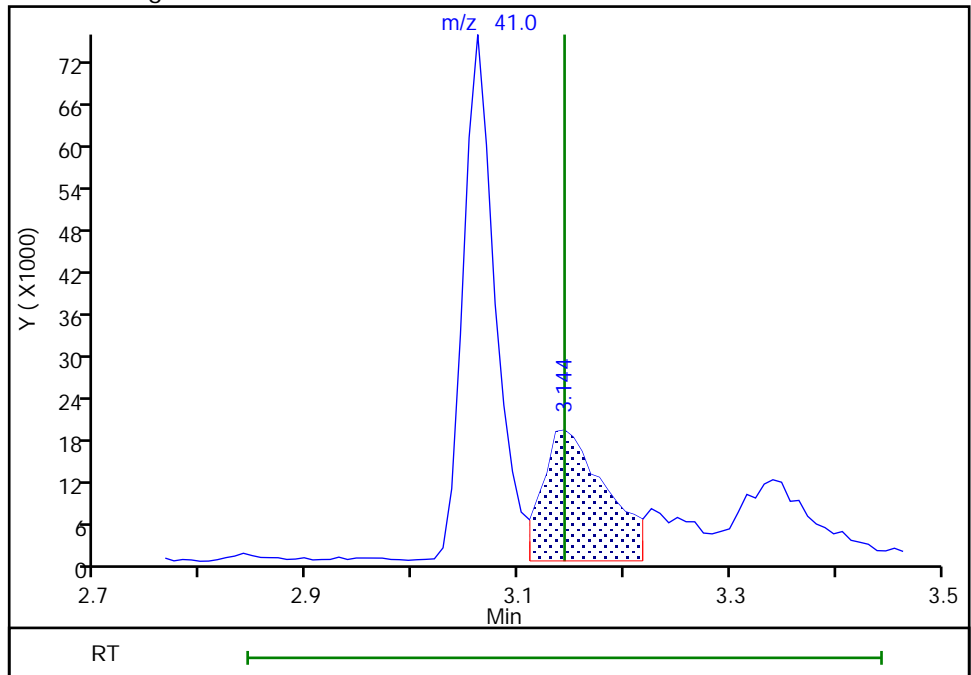
RT: 3.06  
Area: 161107  
Amount: 356.8403  
Amount Units: ug/l

Processing Integration Results



RT: 3.14  
Area: 79623  
Amount: 176.3591  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

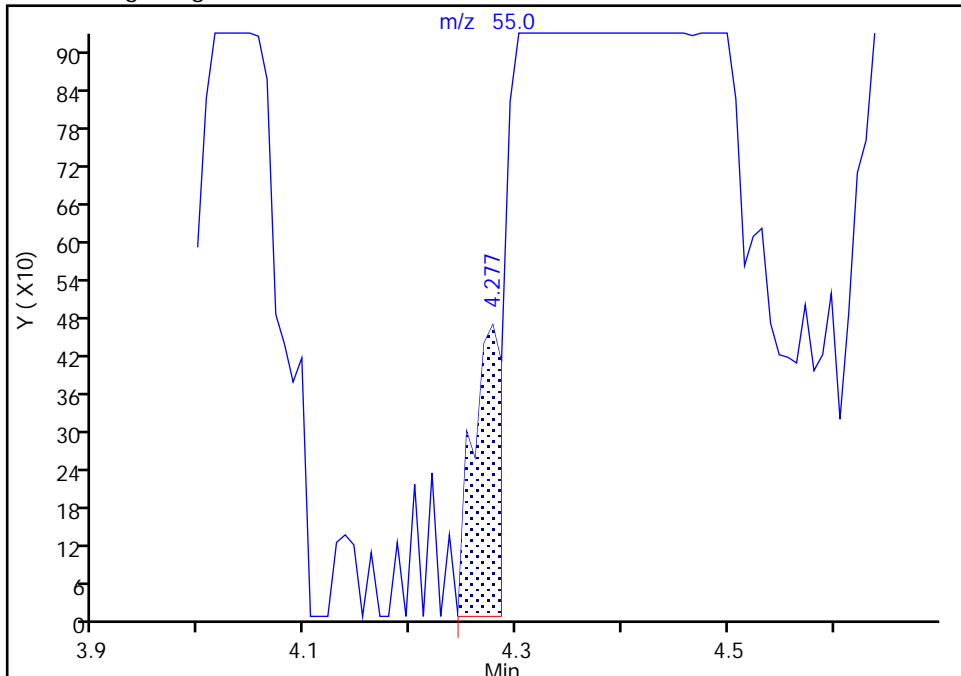
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72903.D  
Injection Date: 29-Oct-2018 17:18:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

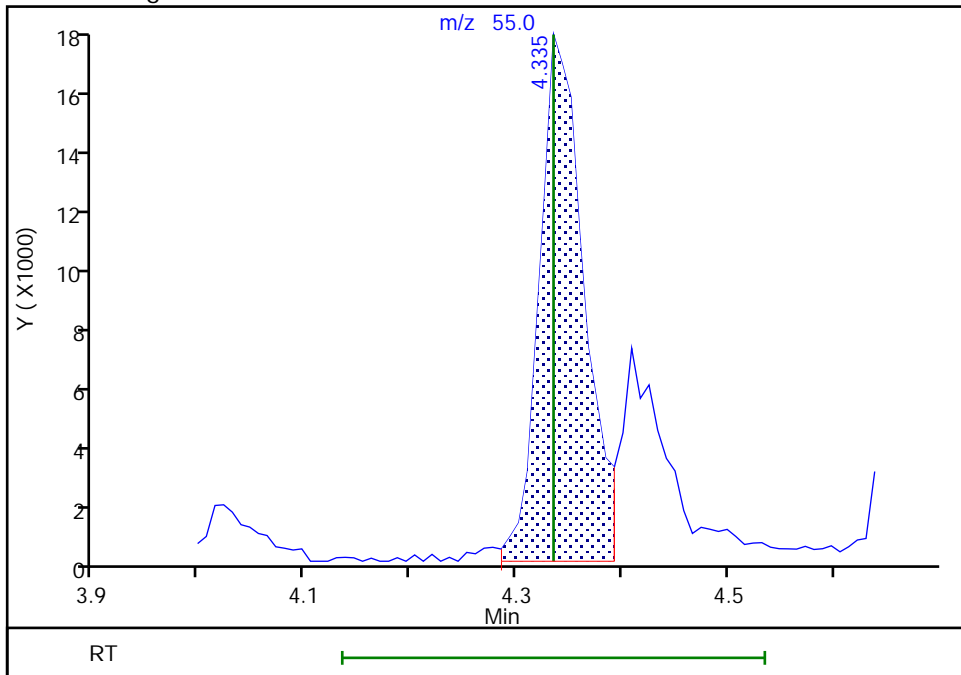
RT: 4.28  
Area: 904  
Amount: 0.299449  
Amount Units: ug/l

Processing Integration Results



RT: 4.33  
Area: 51422  
Amount: 17.033466  
Amount Units: ug/l

Manual Integration Results



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564222/3 Calibration Date: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72932.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
Chlorotrifluoroethene	Ave	0.4420	0.4454		20.2	20.0	0.8	20.0
Dichlorodifluoromethane	Ave	1.007	0.9713	0.1000	19.3	20.0	-3.5	20.0
Chloromethane	Ave	1.189	0.8909	0.1000	15.0	20.0	-25.1*	20.0
Butadiene	Ave	1.048	0.7917		15.1	20.0	-24.5*	20.0
Vinyl chloride	Ave	1.174	0.9744	0.1000	16.6	20.0	-17.0	20.0
Bromomethane	Ave	0.8257	0.7583	0.1000	18.4	20.0	-8.2	50.0
Chloroethane	Ave	0.6679	0.5854	0.1000	17.5	20.0	-12.4	50.0
Dichlorofluoromethane	Ave	1.466	1.379		18.8	20.0	-5.9	20.0
Trichlorofluoromethane	Ave	1.050	1.091	0.1000	20.8	20.0	3.9	20.0
Pentane	Ave	5.932	6.448		43.5	40.0	8.7	20.0
Ethanol	Ave	0.1084	0.1085		801	800	0.0	50.0
Ethyl ether	Ave	0.5330	0.4677		17.5	20.0	-12.3	20.0
2-Methyl-1,3-butadiene	Ave	0.6554	0.5032		15.4	20.0	-23.2*	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.6096	0.6215		20.4	20.0	1.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6499	0.6804	0.1000	20.9	20.0	4.7	20.0
Acrolein	Ave	4.397	3.490		31.8	40.0	-20.6	50.0
1,1-Dichloroethene	Ave	0.6757	0.6514	0.1000	19.3	20.0	-3.6	20.0
Acetone	QuaF		1.967	0.0500	78.1	100	-21.9	50.0
Iodomethane	Ave	1.183	1.229		20.8	20.0	3.8	20.0
Isopropyl alcohol	Lin2		1.299		171	200	-14.4	50.0
Carbon disulfide	Ave	2.529	2.316	0.1000	18.3	20.0	-8.4	50.0
Allyl chloride	Ave	1.300	1.061		16.3	20.0	-18.4	20.0
Methyl acetate	Ave	0.4294	0.3494	0.1000	32.6	40.0	-18.6	20.0
Cyclopentene	Ave	1.724	1.485		17.2	20.0	-13.9	20.0
Acetonitrile	Ave	3.535	3.989		226	200	12.8	20.0
Methylene Chloride	Ave	0.7920	0.7541	0.1000	19.0	20.0	-4.8	20.0
2-Methyl-2-propanol	Ave	2.733	2.777		203	200	1.6	50.0
Methyl tert-butyl ether	Ave	1.566	1.498	0.1000	19.1	20.0	-4.3	20.0
trans-1,2-Dichloroethene	Ave	0.7000	0.7010	0.1000	20.0	20.0	0.1	20.0
Acrylonitrile	Ave	0.2077	0.1994		192	200	-4.0	20.0
Hexane	Ave	0.6282	0.5125		16.3	20.0	-18.4	20.0
Isopropyl ether	Ave	2.136	1.899		17.8	20.0	-11.1	20.0
1,1-Dichloroethane	Ave	1.206	1.156	0.2000	19.2	20.0	-4.1	20.0
Vinyl acetate	Ave	0.1107	0.1159		41.9	40.0	4.7	20.0
2-Chloro-1,3-butadiene	Ave	0.5942	0.6213		20.9	20.0	4.6	20.0
Tert-butyl ethyl ether	Ave	1.842	1.687		18.3	20.0	-8.4	20.0
2,2-Dichloropropane	Ave	0.2585	0.2378		18.4	20.0	-8.0	20.0
cis-1,2-Dichloroethene	Ave	0.7635	0.8021	0.1000	21.0	20.0	5.0	20.0
2-Butanone (MEK)	Ave	0.6710	0.7484	0.0500	112	100	11.5	50.0
Ethyl acetate	QuaF		0.6294		37.9	40.0	-5.3	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564222/3 Calibration Date: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72932.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
Methyl acrylate	Ave	0.6239	0.5995		19.2	20.0	-3.9	20.0
Propionitrile	Ave	3.010	3.602		239	200	19.7	20.0
Chlorobromomethane	Ave	0.3476	0.3862		22.2	20.0	11.1	20.0
Tetrahydrofuran	QuaF		0.9650		42.7	40.0	6.8	20.0
Methacrylonitrile	Ave	0.2090	0.2046		196	200	-2.1	20.0
Chloroform	Ave	1.112	1.099	0.2000	19.8	20.0	-1.2	20.0
Cyclohexane	Ave	1.110	1.004	0.1000	18.1	20.0	-9.5	50.0
1,1,1-Trichloroethane	Ave	0.9926	0.9691	0.1000	19.5	20.0	-2.4	20.0
Carbon tetrachloride	Ave	0.8121	0.8223	0.1000	20.3	20.0	1.3	20.0
1,1-Dichloropropene	Ave	0.8248	0.8070		19.6	20.0	-2.2	20.0
Isobutyl alcohol	Ave	1.492	1.669		559	500	11.9	50.0
Benzene	Ave	3.856	3.915	0.5000	20.3	20.0	1.5	20.0
Isopropyl acetate	Ave	1.593	1.416		17.8	20.0	-11.1	20.0
Tert-amyl methyl ether	Ave	2.045	1.929		18.9	20.0	-5.7	20.0
1,2-Dichloroethane	Ave	0.6602	0.6417	0.1000	19.4	20.0	-2.8	20.0
n-Heptane	Ave	0.4897	0.4461		18.2	20.0	-8.9	20.0
n-Butanol	Ave	0.4479	0.4340		485	500	-3.1	50.0
Trichloroethene	Ave	0.5907	0.6221	0.2000	21.1	20.0	5.3	20.0
Ethyl acrylate	Ave	1.420	1.211		17.1	20.0	-14.7	20.0
Methylcyclohexane	Ave	1.233	1.169	0.1000	19.0	20.0	-5.2	50.0
1,2-Dichloropropane	Ave	0.6208	0.6007	0.1000	19.4	20.0	-3.2	20.0
Methyl methacrylate	Ave	0.1207	0.1218		40.3	40.0	0.9	20.0
1,4-Dioxane	Ave	2.200	2.436		443	400	10.7	50.0
n-Propyl acetate	Ave	0.5053	0.4927		19.5	20.0	-2.5	20.0
Dibromomethane	Ave	0.3414	0.3665		21.5	20.0	7.4	20.0
Dichlorobromomethane	Ave	0.7546	0.7560	0.2000	20.0	20.0	0.2	20.0
2-Chloroethyl vinyl ether	Lin2		0.2260		15.3	20.0	-23.5*	20.0
2-Nitropropane	QuaF		0.0825		30.1	40.0	-24.8*	20.0
Epichlorohydrin	Ave	0.4758	0.5262		442	400	10.6	20.0
cis-1,3-Dichloropropene	Ave	1.242	1.246	0.2000	20.1	20.0	0.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.187	5.619	0.0500	108	100	8.3	50.0
Toluene	Ave	3.674	3.688	0.4000	20.1	20.0	0.4	20.0
trans-1,3-Dichloropropene	Ave	0.995	1.024	0.1000	20.6	20.0	2.9	50.0
Ethyl methacrylate	Ave	0.9804	0.8567		17.5	20.0	-12.6	20.0
1,1,2-Trichloroethane	Ave	0.6331	0.6130	0.1000	19.4	20.0	-3.2	20.0
Tetrachloroethene	Ave	0.8771	1.027	0.2000	23.4	20.0	17.1	20.0
1,3-Dichloropropane	Ave	1.090	1.102		20.2	20.0	1.1	20.0
2-Hexanone	Lin2		2.766	0.0500	98.8	100	-1.2	50.0
n-Butyl acetate	Ave	1.005	0.8690		17.3	20.0	-13.5	20.0
Chlorodibromomethane	Ave	0.7541	0.8266	0.1000	21.9	20.0	9.6	50.0
Ethylene Dibromide	Ave	0.6123	0.6562	0.1000	21.4	20.0	7.2	20.0



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564222/3 Calibration Date: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72932.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
Chlorobenzene	Ave	2.218	2.337	0.5000	21.1	20.0	5.4	20.0
Ethylbenzene	Ave	1.318	1.363	0.1000	20.7	20.0	3.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.8975	0.9797		21.8	20.0	9.2	20.0
m-Xylene & p-Xylene	Ave	1.664	1.684	0.1000	20.2	20.0	1.2	20.0
n-Butyl acrylate	Ave	0.6502	0.5383		16.6	20.0	-17.2	20.0
o-Xylene	Ave	1.745	1.755	0.3000	20.1	20.0	0.6	20.0
Styrene	Ave	2.586	2.636	0.3000	20.4	20.0	2.0	20.0
Amyl acetate (mixed isomers)	Ave	2.036	1.817		17.8	20.0	-10.8	20.0
Bromoform	Ave	0.4910	0.5487	0.1000	22.3	20.0	11.7	20.0
Isopropylbenzene	Ave	4.343	4.421	0.1000	20.4	20.0	1.8	20.0
Bromobenzene	Ave	1.712	1.843		21.5	20.0	7.6	20.0
1,1,2,2-Tetrachloroethane	Ave	1.710	1.626	0.3000	19.0	20.0	-4.9	20.0
N-Propylbenzene	Ave	8.966	8.078		18.0	20.0	-9.9	20.0
1,2,3-Trichloropropane	Ave	0.4894	0.4748		19.4	20.0	-3.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4361	0.2903		13.3	20.0	-33.4*	20.0
2-Chlorotoluene	Ave	6.199	5.592		18.0	20.0	-9.8	20.0
4-Ethyltoluene	Ave	7.443	7.112		19.1	20.0	-4.4	20.0
1,3,5-Trimethylbenzene	Ave	6.624	6.192		18.7	20.0	-6.5	20.0
4-Chlorotoluene	Ave	5.308	4.987		18.8	20.0	-6.0	20.0
Butyl Methacrylate	Ave	2.322	2.019		17.4	20.0	-13.1	20.0
tert-Butylbenzene	Ave	5.074	4.998		19.7	20.0	-1.5	20.0
1,2,4-Trimethylbenzene	Ave	6.870	6.385		18.6	20.0	-7.1	20.0
sec-Butylbenzene	Ave	8.118	7.928		19.5	20.0	-2.3	20.0
4-Isopropyltoluene	Ave	6.996	6.669		19.1	20.0	-4.7	20.0
1,3-Dichlorobenzene	Ave	3.567	3.699	0.6000	20.7	20.0	3.7	20.0
1,4-Dichlorobenzene	Ave	3.614	3.841	0.5000	21.3	20.0	6.3	20.0
1,2,3-Trimethylbenzene	Ave	6.978	6.766		19.4	20.0	-3.0	20.0
Benzyl chloride	Ave	3.528	3.269		18.5	20.0	-7.3	50.0
Indan	Ave	6.893	6.963		20.2	20.0	1.0	20.0
p-Diethylbenzene	Ave	3.951	3.950		20.0	20.0	-0.0	20.0
n-Butylbenzene	Ave	3.787	3.614		19.1	20.0	-4.6	20.0
1,2-Dichlorobenzene	Ave	3.610	3.825	0.4000	21.2	20.0	6.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	6.829	6.524		19.1	20.0	-4.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3929	0.2953	0.0500	15.0	20.0	-24.8	50.0
1,3,5-Trichlorobenzene	Ave	2.930	3.215		21.9	20.0	9.7	20.0
1,2,4-Trichlorobenzene	Ave	2.746	3.113	0.2000	22.7	20.0	13.4	20.0
Hexachlorobutadiene	Ave	1.094	1.297		23.7	20.0	18.6	20.0
Naphthalene	Ave	5.852	6.594		22.5	20.0	12.7	50.0
1,2,3-Trichlorobenzene	Ave	2.477	2.790		22.5	20.0	12.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2475	0.2795		56.5	50.0	12.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2444	0.2409		49.3	50.0	-1.5	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-564222/3 Calibration Date: 10/30/2018 05:08  
 Instrument ID: CVOAMS6 Calib Start Date: 09/30/2018 22:53  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/01/2018 01:15  
 Lab File ID: F72932.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
Toluene-d8 (Surr)	Ave	1.323	1.428		54.0	50.0	7.9	20.0
4-Bromofluorobenzene	Ave	0.3851	0.4466		58.0	50.0	16.0	20.0

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72932.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 30-Oct-2018 05:08:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0081111-003  
 Operator ID: Instrument ID: CVOAMS6  
 Sublist: chrom-8260624W6\*sub42  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 17:32:52 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0304

First Level Reviewer: tupayachia

Date: 30-Oct-2018 06:28:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.549	1.549	0.000	86	68863	20.0	20.2	
2 Dichlorodifluoromethane	85	1.582	1.582	0.000	99	150177	20.0	19.3	
3 Chloromethane	50	1.747	1.747	0.000	98	137752	20.0	15.0	
5 Butadiene	54	1.829	1.829	0.000	92	122410	20.0	15.1	
4 Vinyl chloride	62	1.837	1.837	0.000	97	150668	20.0	16.6	
6 Bromomethane	94	2.108	2.108	0.000	98	117248	20.0	18.4	
7 Chloroethane	64	2.174	2.174	0.000	99	90509	20.0	17.5	
8 Dichlorofluoromethane	67	2.347	2.347	0.000	98	213203	20.0	18.8	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	65	168666	20.0	20.8	
10 Pentane	72	2.363	2.363	0.000	97	35468	40.0	43.5	
12 Ethyl ether	59	2.552	2.552	0.000	92	72314	20.0	17.5	
11 Ethanol	46	2.552	2.552	0.000	73	11941	800.0	800.7	
13 2-Methyl-1,3-butadiene	53	2.577	2.577	0.000	95	77799	20.0	15.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	93	96093	20.0	20.4	
15 Acrolein	56	2.733	2.733	0.000	39	19201	40.0	31.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	99	105211	20.0	20.9	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	95	100714	20.0	19.3	
18 Acetone	43	2.848	2.848	0.000	91	109553	100.0	78.1	
19 Iodomethane	142	2.913	2.913	0.000	98	190002	20.0	20.8	
20 Isopropyl alcohol	45	2.946	2.946	0.000	28	35733	200.0	171.1	
21 Carbon disulfide	76	2.955	2.955	0.000	98	358074	20.0	18.3	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	96	164001	20.0	16.3	
24 Methyl acetate	43	3.078	3.078	0.000	97	108060	40.0	32.6	
23 Cyclopentene	67	3.086	3.086	0.000	95	229588	20.0	17.2	
25 Acetonitrile	41	3.144	3.144	0.000	99	109720	200.0	225.7	a
27 Methylene Chloride	84	3.193	3.193	0.000	85	116602	20.0	19.0	
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	137526	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	91	76374	200.0	203.2	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	231660	20.0	19.1	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	92	108395	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.448	3.448	0.000	95	308365	200.0	192.0	
32 Hexane	43	3.522	3.522	0.000	90	79241	20.0	16.3	
33 Isopropyl ether	45	3.719	3.719	0.000	96	293549	20.0	17.8	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	178734	20.0	19.2	
35 Vinyl acetate	86	3.768	3.768	0.000	99	35830	40.0	41.9	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	87	96064	20.0	20.9	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	90	260844	20.0	18.3	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	139240	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	89	36775	20.0	18.4	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	99	124020	20.0	21.0	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	41684	100.0	111.5	
42 Ethyl acetate	70	4.286	4.286	0.000	94	14021	40.0	37.9	
43 Methyl acrylate	55	4.343	4.343	0.000	99	59336	20.0	19.2	a
44 Propionitrile	54	4.417	4.417	0.000	98	99064	200.0	239.3	
45 Chlorobromomethane	128	4.499	4.499	0.000	84	59720	20.0	22.2	
46 Tetrahydrofuran	72	4.508	4.508	0.000	57	21499	40.0	42.7	
47 Methacrylonitrile	67	4.516	4.516	0.000	88	316299	200.0	195.7	
48 Chloroform	83	4.549	4.549	0.000	99	169903	20.0	19.8	
49 Cyclohexane	84	4.680	4.680	0.000	89	155263	20.0	18.1	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	97	149845	20.0	19.5	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	108038	50.0	56.5	
52 Carbon tetrachloride	117	4.812	4.812	0.000	97	127149	20.0	20.3	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	124786	20.0	19.6	
54 Isobutyl alcohol	43	4.976	4.976	0.000	44	114765	500.0	559.5	
55 Benzene	78	5.033	5.033	0.000	94	387545	20.0	20.3	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	93111	50.0	49.3	
57 Isopropyl acetate	43	5.083	5.083	0.000	77	218974	20.0	17.8	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	91	298298	20.0	18.9	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	99215	20.0	19.4	
60 n-Heptane	57	5.173	5.173	0.000	88	68975	20.0	18.2	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	386554	50.0	50.0	
62 n-Butanol	56	5.633	5.633	0.000	85	29843	500.0	484.5	
63 Trichloroethene	95	5.666	5.666	0.000	96	96193	20.0	21.1	
65 Ethyl acrylate	55	5.789	5.789	0.000	92	187305	20.0	17.1	
64 Methylcyclohexane	83	5.789	5.789	0.000	90	180746	20.0	19.0	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	93	92887	20.0	19.4	
* 67 1,4-Dioxane-d8	96	6.011	6.011	0.000	0	16624	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.019	0.000	82	37659	40.0	40.3	
69 1,4-Dioxane	88	6.077	6.077	0.000	28	16198	400.0	442.9	a
70 n-Propyl acetate	43	6.077	6.077	0.000	86	76179	20.0	19.5	
71 Dibromomethane	93	6.085	6.085	0.000	94	56675	20.0	21.5	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	116899	20.0	20.0	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	78	34939	20.0	15.3	
73 2-Nitropropane	41	6.562	6.562	0.000	80	25502	40.0	30.1	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	117237	400.0	442.4	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	87	123317	20.0	20.1	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	94	312938	100.0	108.3	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.000	100	353301	50.0	54.0	
79 Toluene	91	7.047	7.047	0.000	94	365025	20.0	20.1	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	101370	20.0	20.6	
81 Ethyl methacrylate	69	7.416	7.416	0.000	86	84799	20.0	17.5	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	96	60669	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.655	7.655	0.000	95	101678	20.0	23.4	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	97	109083	20.0	20.2	
85 2-Hexanone	43	7.885	7.885	0.000	93	154052	100.0	98.8	
86 n-Butyl acetate	43	7.992	7.992	0.000	98	86010	20.0	17.3	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	81814	20.0	21.9	
88 Ethylene Dibromide	107	8.213	8.213	0.000	98	64945	20.0	21.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	247446	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	97	231334	20.0	21.1	
91 Ethylbenzene	106	8.887	8.887	0.000	97	134899	20.0	20.7	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	94	96968	20.0	21.8	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	166672	20.0	20.2	
94 n-Butyl acrylate	73	9.479	9.479	0.000	99	53281	20.0	16.6	
95 o-Xylene	106	9.495	9.495	0.000	95	173741	20.0	20.1	
96 Styrene	104	9.528	9.528	0.000	98	260948	20.0	20.4	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	93	107256	20.0	17.8	
98 Bromoform	173	9.734	9.734	0.000	98	54305	20.0	22.3	
99 Isopropylbenzene	105	9.840	9.840	0.000	94	437561	20.0	20.4	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	96	110504	50.0	58.0	
101 Bromobenzene	156	10.144	10.144	0.000	94	108788	20.0	21.5	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	96011	20.0	19.0	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	476901	20.0	18.0	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	91	28033	20.0	19.4	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	74	17141	20.0	13.3	
106 2-Chlorotoluene	91	10.284	10.284	0.000	89	330139	20.0	18.0	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	419896	20.0	19.1	
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	95	365590	20.0	18.7	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	294438	20.0	18.8	
110 Butyl Methacrylate	87	10.424	10.424	0.000	83	119180	20.0	17.4	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	295084	20.0	19.7	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	376934	20.0	18.6	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	468073	20.0	19.5	
114 4-Isopropyltoluene	119	10.835	10.835	0.000	98	393723	20.0	19.1	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	99	218394	20.0	20.7	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	147595	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	96	226745	20.0	21.3	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	96	399461	20.0	19.4	
118 Benzyl chloride	91	11.015	11.015	0.000	100	192967	20.0	18.5	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	95	411074	20.0	20.2	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	233186	20.0	20.0	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	213362	20.0	19.1	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	225846	20.0	21.2	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.574	0.000	98	385153	20.0	19.1	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	91	17436	20.0	15.0	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	98	189810	20.0	21.9	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	183814	20.0	22.7	
127 Hexachlorobutadiene	225	12.199	12.199	0.000	97	76587	20.0	23.7	
128 Naphthalene	128	12.305	12.305	0.000	99	389271	20.0	22.5	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	94	164741	20.0	22.5	
S 130 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 131 Xylenes, Total	100				0		40.0	40.4	

### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72932.D

Injection Date: 30-Oct-2018 05:08:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

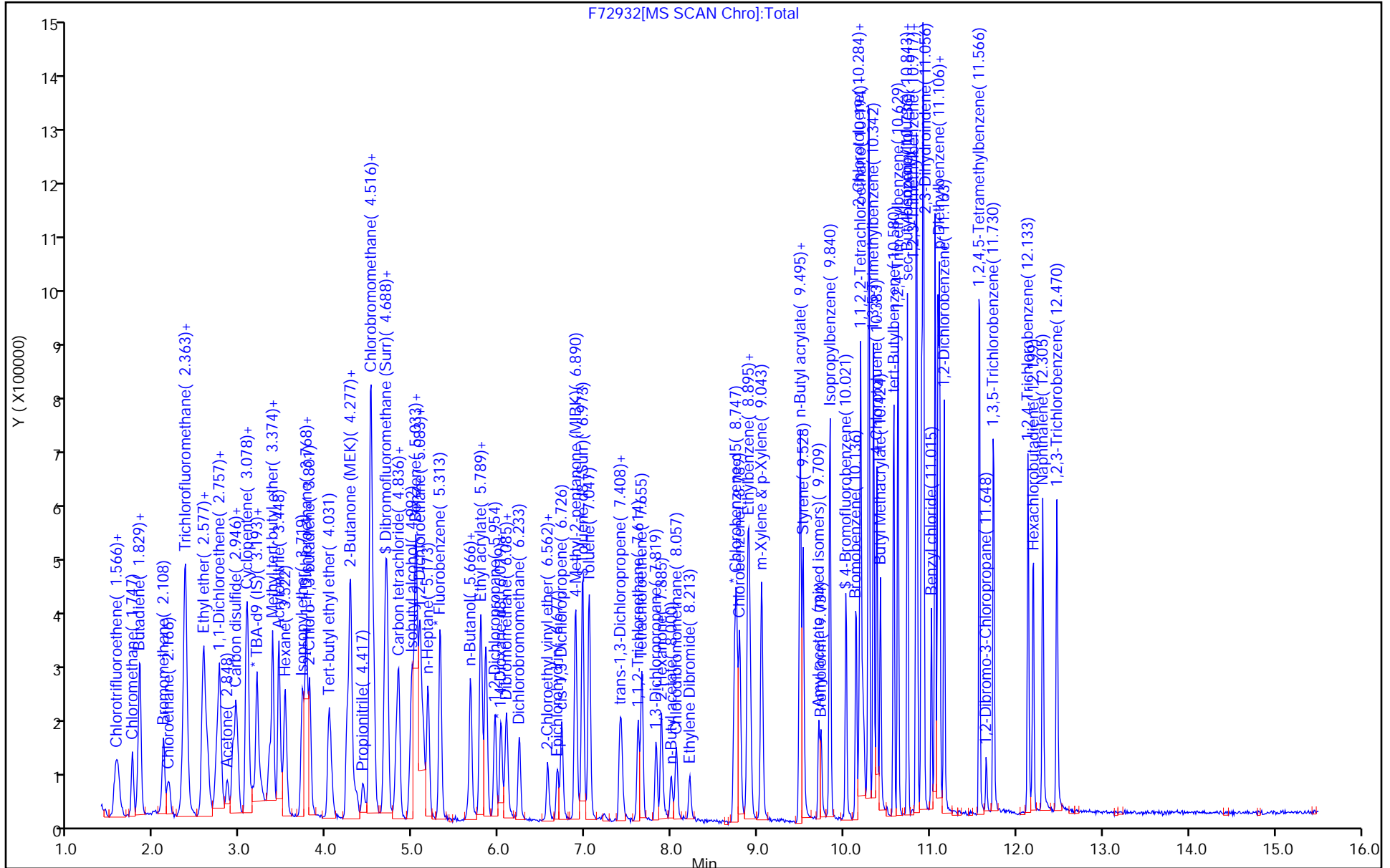
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

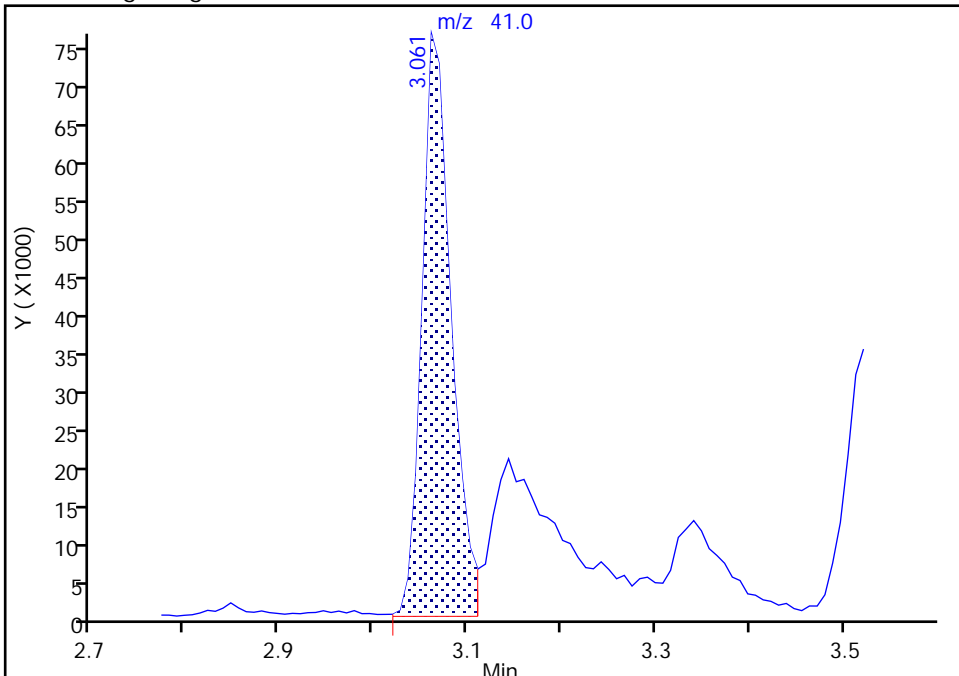
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72932.D  
Injection Date: 30-Oct-2018 05:08:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

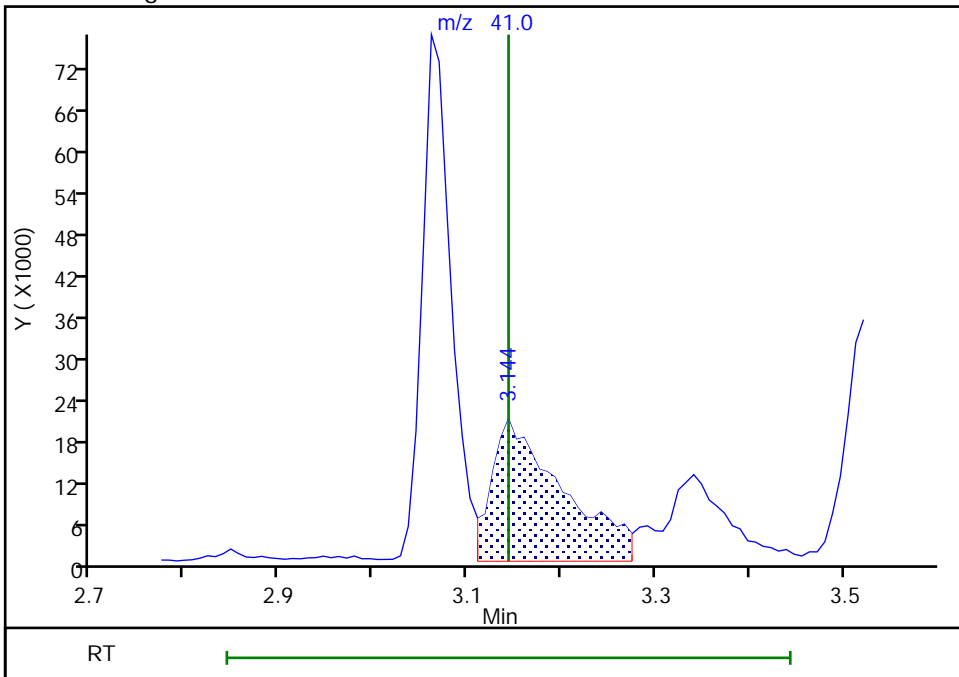
RT: 3.06  
Area: 165625  
Amount: 340.6660  
Amount Units: ug/l

Processing Integration Results



RT: 3.14  
Area: 109720  
Amount: 225.6778  
Amount Units: ug/l

Manual Integration Results





TestAmerica Edison

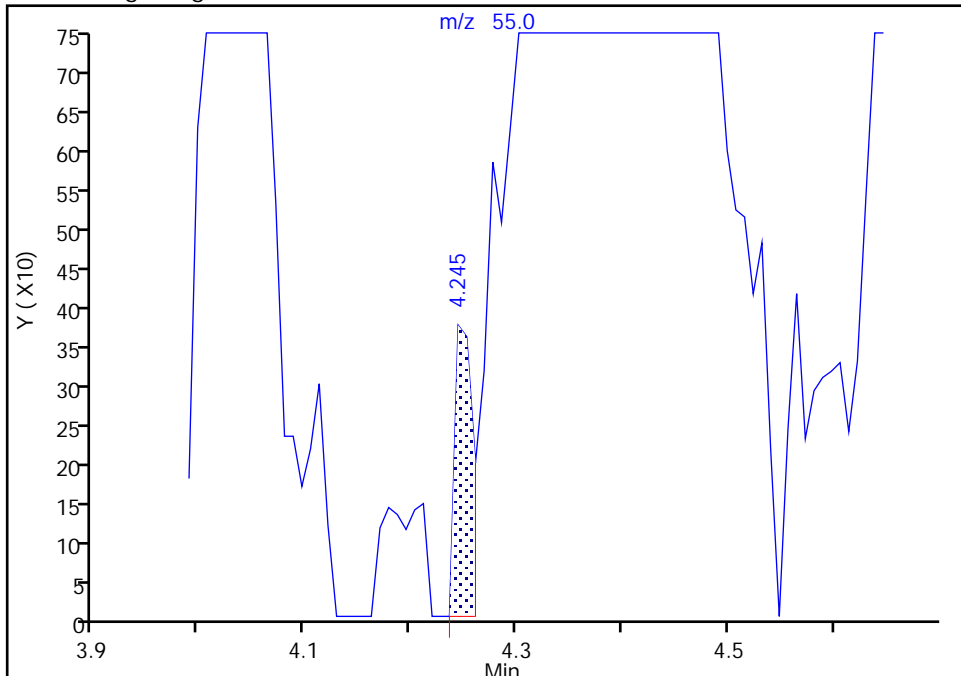
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72932.D  
Injection Date: 30-Oct-2018 05:08:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

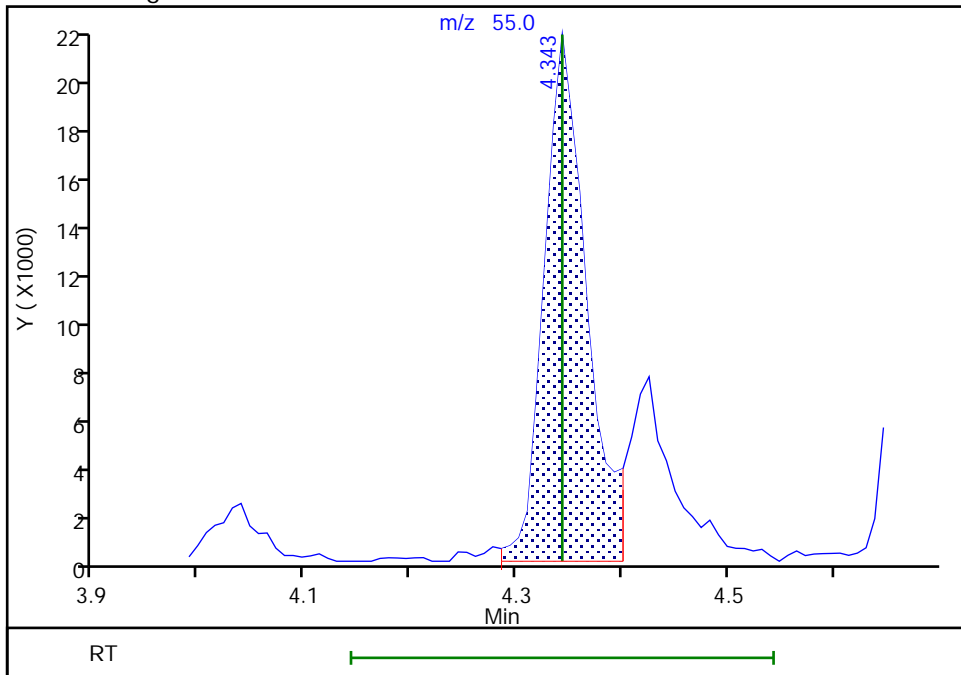
RT: 4.24  
Area: 456  
Amount: 0.147692  
Amount Units: ug/l

Processing Integration Results



RT: 4.34  
Area: 59336  
Amount: 19.218095  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison

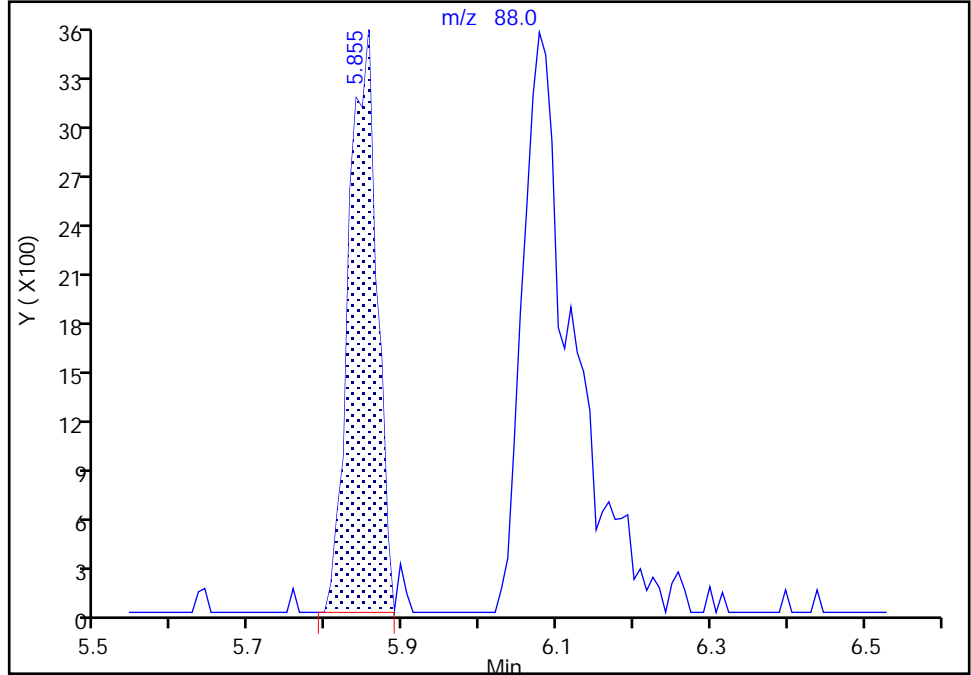
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72932.D  
Injection Date: 30-Oct-2018 05:08:30 Instrument ID: CVOAMS6  
Lims ID: CCVIS  
Client ID:  
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

69 1,4-Dioxane, CAS: 123-91-1

Signal: 1

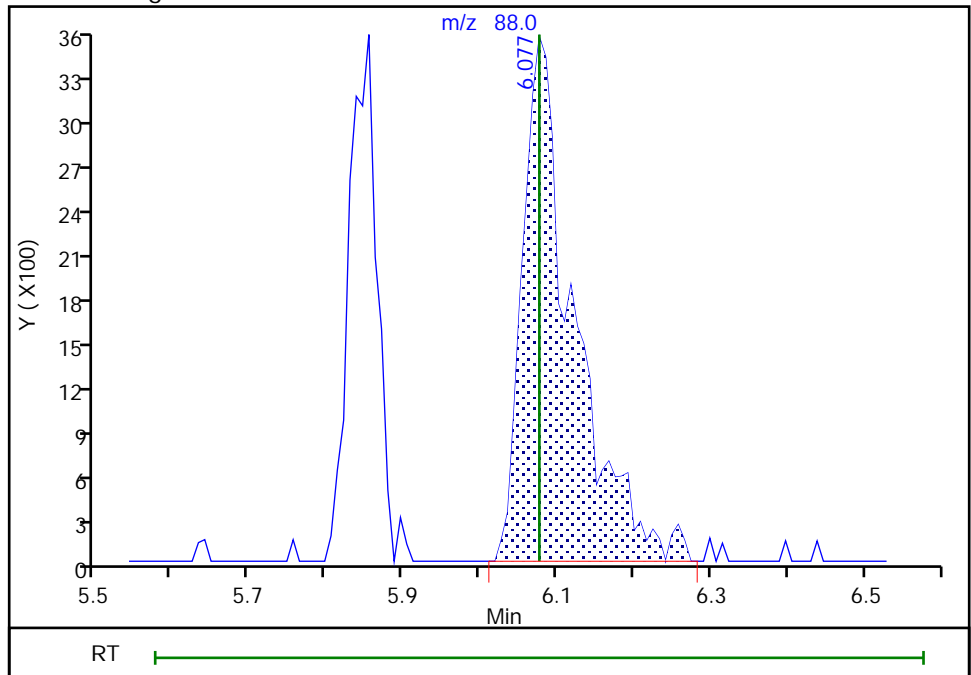
RT: 5.86  
Area: 8836  
Amount: 241.5851  
Amount Units: ug/l

Processing Integration Results



RT: 6.08  
Area: 16198  
Amount: 442.8696  
Amount Units: ug/l

Manual Integration Results



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71254.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 30-Sep-2018 22:06:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0079524-001  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 02-Oct-2018 19:52:11 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 133 BFB	95	3.400	3.400	0.000	87	79401	NR	NR	

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00017

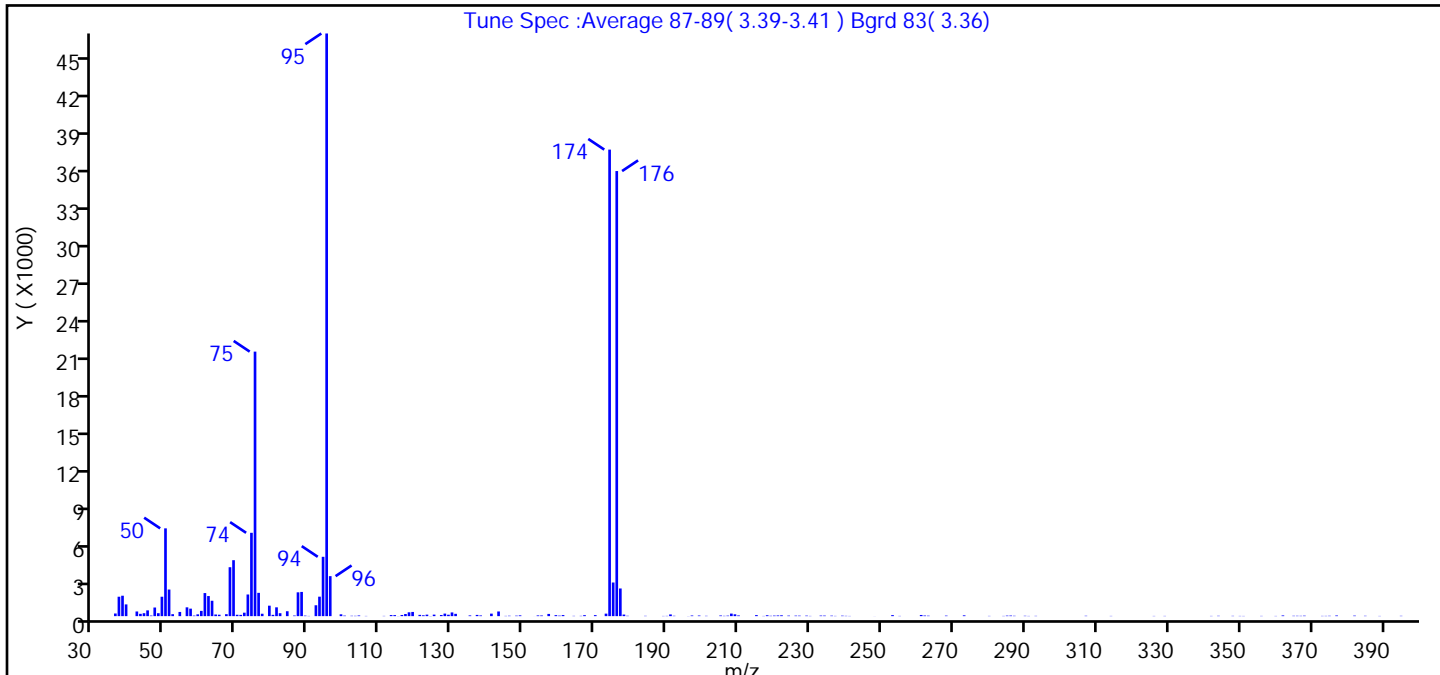
Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71254.D  
 Injection Date: 30-Sep-2018 22:06:30 Instrument ID: CVOAMS6  
 Lims ID: BFB  
 Client ID:  
 Operator ID: ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.1
75	30 to 60% of m/z 95	45.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	5.8 (7.2)
176	Greater than 95% but less than 101% of m/z 174	76.4 (95.4)
177	5 to 9% of m/z 176	4.7 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71254.D\8260624W6.rslt\spectra.d  
Injection Date: 30-Sep-2018 22:06:30  
Spectrum: Tune Spec :Average 87-89( 3.39-3.41 ) Bgrd 83( 3.36)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 178

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	209	88.00	1915	159.00	79	239.00	37
37.00	1536	89.00	42	160.00	40	240.00	23
38.00	1615	90.00	17	161.00	85	241.00	16
39.00	929	92.00	861	164.00	22	248.00	4
40.00	1	93.00	1540	166.00	23	253.00	80
42.00	369	94.00	4693	167.00	77	255.00	18
43.00	183	95.00	46080	170.00	80	261.00	92
44.00	232	96.00	3163	173.00	199	262.00	48
45.00	456	99.00	145	174.00	36896	263.00	35
46.00	46	100.00	42	175.00	2660	268.00	41
47.00	682	102.00	29	176.00	35200	273.00	63
48.00	232	103.00	25	177.00	2188	280.00	19
49.00	1535	104.00	52	178.00	125	284.00	18
50.00	6943	106.00	17	179.00	28	285.00	41
51.00	2104	111.00	19	184.00	24	286.00	46
52.00	155	113.00	85	189.00	16	287.00	28
54.00	332	114.00	82	190.00	20	290.00	28
56.00	697	115.00	9	191.00	135	291.00	17
57.00	593	116.00	92	192.00	28	293.00	22
58.00	43	117.00	168	196.00	8	307.00	29
59.00	142	118.00	303	197.00	51	314.00	18
60.00	416	119.00	332	199.00	49	326.00	17
61.00	1825	121.00	101	201.00	25	329.00	18
62.00	1589	122.00	68	205.00	52	342.00	18
63.00	1217	123.00	119	206.00	24	344.00	27
64.00	130	124.00	11	207.00	40	348.00	23
65.00	113	125.00	120	208.00	202	350.00	18
67.00	155	127.00	89	209.00	146	351.00	16
68.00	3869	128.00	201	210.00	55	356.00	19
69.00	4425	129.00	112	215.00	82	360.00	17
70.00	110	130.00	293	217.00	16	362.00	55
71.00	100	131.00	183	218.00	71	365.00	28
72.00	273	135.00	58	219.00	27	366.00	28

Report Date: 02-Oct-2018 19:52:12

Chrom Revision: 2.3 19-Jul-2018 15:14:50

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71254.D\8260624W6.rslt\spectra.d

Injection Date: 30-Sep-2018 22:06:30

Spectrum: Tune Spec :Average 87-89( 3.39-3.41 ) Bgrd 83( 3.36)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 178

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1713	137.00	97	220.00	43	367.00	25
74.00	6591	138.00	55	221.00	54	368.00	37
75.00	20920	141.00	199	222.00	66	373.00	20
76.00	1842	143.00	369	224.00	42	374.00	21
77.00	190	145.00	20	226.00	40	375.00	28
79.00	828	146.00	31	227.00	38	377.00	51
80.00	103	148.00	37	229.00	40	382.00	41
81.00	697	149.00	61	230.00	18	385.00	27
82.00	232	153.00	2	233.00	45	389.00	17
84.00	389	154.00	57	234.00	43	395.00	25
86.00	48	155.00	52	236.00	38		
87.00	1884	157.00	176	237.00	19		

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72871.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 29-Oct-2018 03:33:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0081059-001  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 29-Oct-2018 19:54:39 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK002

First Level Reviewer: tupayachia Date: 29-Oct-2018 04:40:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 133 BFB	95	3.400	3.400	0.000	88	91844	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

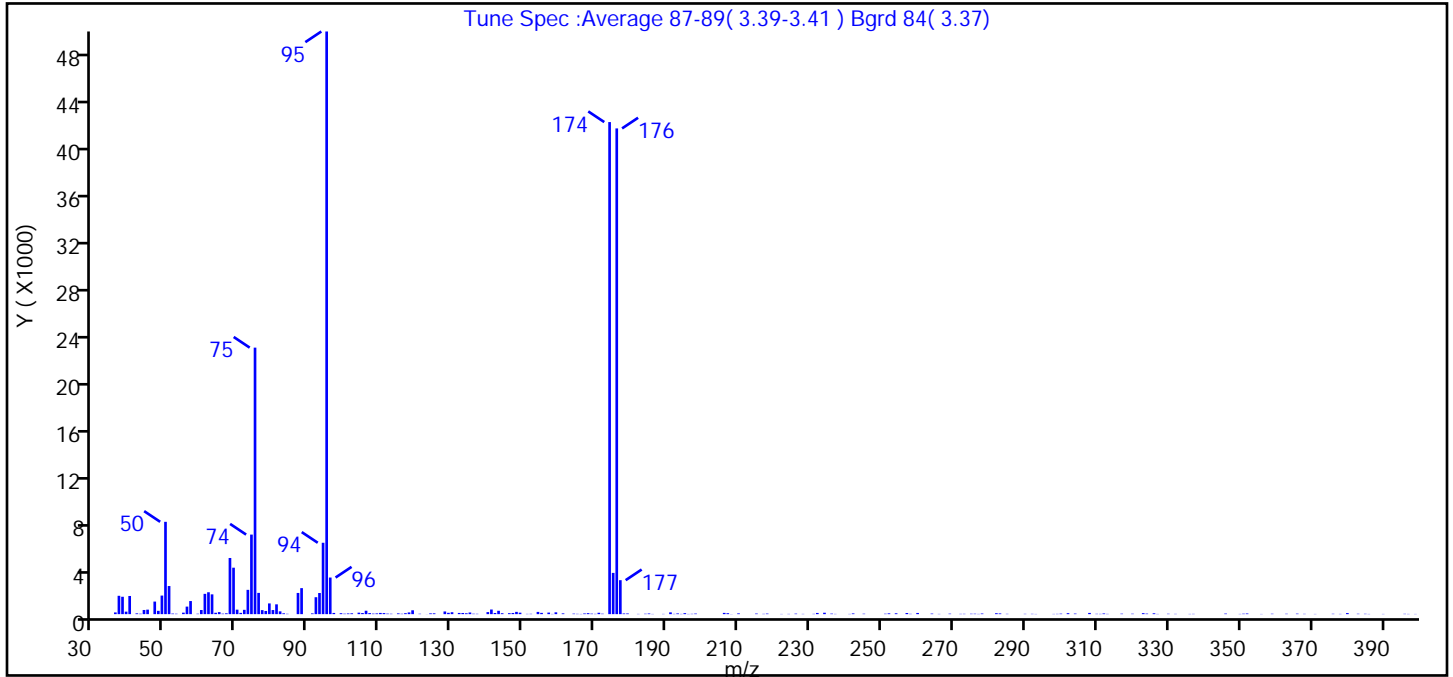
**Reagents:**

BFB\_00017 Amount Added: 1.00 Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72871.D  
 Injection Date: 29-Oct-2018 03:33:30 Instrument ID: CVOAMS6  
 Lims ID: BFB  
 Client ID:  
 Operator ID: ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.8
75	30 to 60% of m/z 95	45.7
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.5
175	5 to 9% of m/z 174	7.1 (8.4)
176	Greater than 95% but less than 101% of m/z 174	83.4 (98.7)
177	5 to 9% of m/z 176	5.8 (7.0)



Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72871.D\8260624W6.rslt\spectra.d  
Injection Date: 29-Oct-2018 03:33:30  
Spectrum: Tune Spec :Average 87-89( 3.39-3.41 ) Bgrd 84( 3.37)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	144	97.00	102	167.00	58	272.00	24
37.00	1552	99.00	79	168.00	83	273.00	27
38.00	1470	100.00	38	169.00	42	275.00	34
39.00	211	101.00	59	170.00	24	276.00	36
40.00	1536	102.00	72	171.00	116	277.00	20
42.00	66	104.00	125	172.00	37	278.00	53
43.00	35	105.00	94	174.00	41624	282.00	78
44.00	352	106.00	288	175.00	3489	283.00	61
45.00	381	107.00	88	176.00	41088	285.00	26
47.00	1063	108.00	45	177.00	2873	290.00	26
48.00	280	109.00	62	178.00	56	292.00	26
49.00	1571	110.00	103	179.00	57	293.00	16
50.00	7810	111.00	89	182.00	20	298.00	19
51.00	2378	112.00	43	184.00	34	299.00	24
52.00	48	113.00	33	185.00	56	300.00	42
53.00	34	115.00	65	186.00	17	302.00	82
55.00	125	116.00	32	189.00	20	304.00	48
56.00	638	117.00	81	191.00	150	308.00	103
57.00	1107	118.00	145	192.00	22	310.00	28
59.00	34	119.00	327	193.00	60	311.00	23
60.00	349	121.00	32	194.00	20	312.00	59
61.00	1717	123.00	6	195.00	83	313.00	22
62.00	1851	124.00	66	196.00	17	317.00	39
63.00	1674	125.00	69	197.00	27	320.00	36
64.00	116	128.00	226	198.00	48	323.00	82
65.00	172	129.00	113	206.00	106	324.00	45
66.00	41	130.00	162	207.00	79	326.00	72
67.00	70	132.00	102	208.00	10	327.00	18
68.00	4750	133.00	98	210.00	64	330.00	32
69.00	3929	134.00	74	215.00	50	332.00	23
70.00	380	135.00	139	217.00	25	336.00	19
71.00	108	136.00	35	218.00	47	337.00	23
72.00	365	137.00	29	222.00	17	346.00	48

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72871.D\8260624W6.rslt\spectra.d

Injection Date: 29-Oct-2018 03:33:30

Spectrum: Tune Spec :Average 87-89( 3.39-3.41 ) Bgrd 84( 3.37)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2055	140.00	173	224.00	21	350.00	19
74.00	6730	141.00	391	226.00	43	351.00	38
75.00	22544	142.00	97	228.00	21	352.00	55
76.00	1797	143.00	284	231.00	25	356.00	16
77.00	341	144.00	78	232.00	101	359.00	34
78.00	268	146.00	82	234.00	119	363.00	32
79.00	907	147.00	99	236.00	45	366.00	42
80.00	348	148.00	192	237.00	20	368.00	25
81.00	830	149.00	124	241.00	19	371.00	17
82.00	236	151.00	22	242.00	61	376.00	31
83.00	71	152.00	28	245.00	36	378.00	20
84.00	28	154.00	189	251.00	36	380.00	91
87.00	1793	155.00	108	252.00	68	383.00	33
88.00	2200	157.00	132	254.00	73	385.00	30
91.00	63	158.00	18	257.00	95	386.00	17
92.00	1432	159.00	154	258.00	26	390.00	18
93.00	1788	161.00	65	260.00	100	396.00	28
94.00	6038	164.00	43	264.00	47	397.00	19
95.00	49288	165.00	26	266.00	20	399.00	17
96.00	3097	166.00	17	269.00	40		

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72901.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 29-Oct-2018 16:31:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0081094-001  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 29-Oct-2018 21:19:47 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK002

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 133 BFB	95	3.384	3.384	0.000	93	115742	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00017

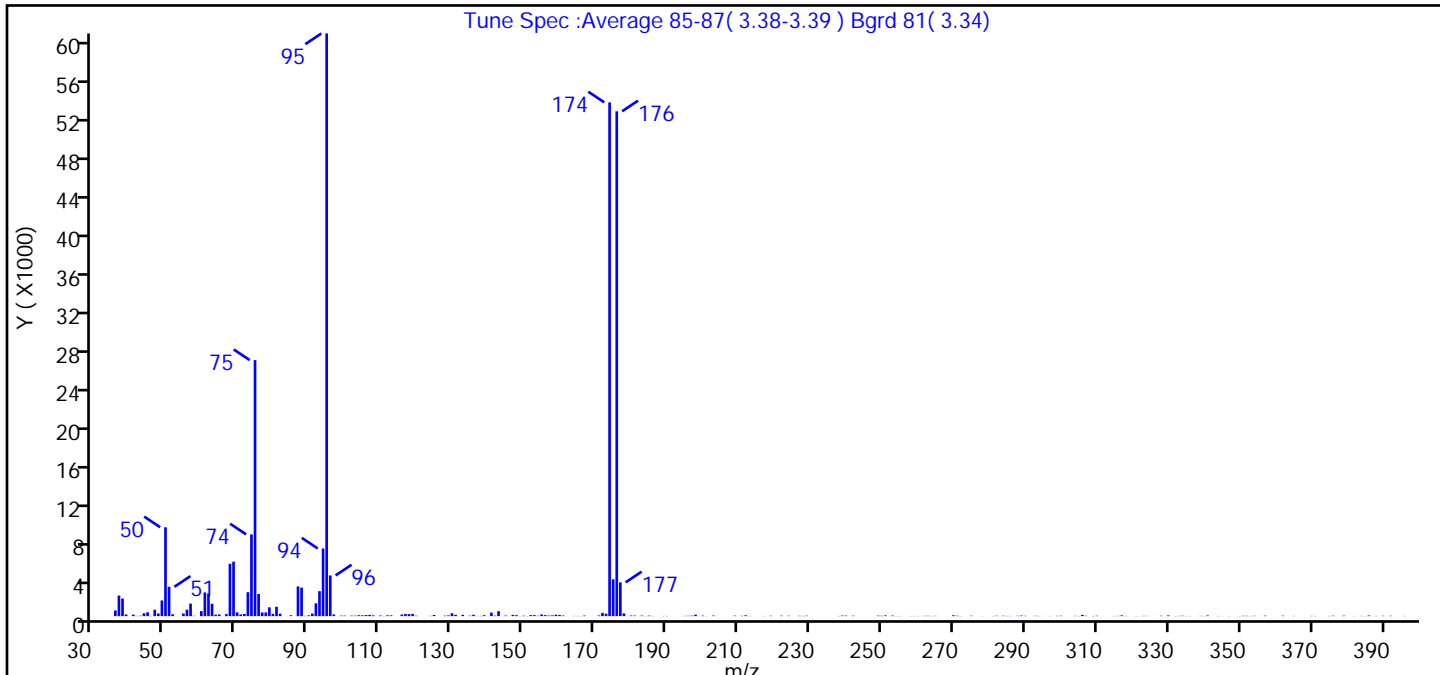
Amount Added: 1.00

Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72901.D  
 Injection Date: 29-Oct-2018 16:31:30 Instrument ID: CVOAMS6  
 Lims ID: BFB  
 Client ID:  
 Operator ID: ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	43.9
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	88.2
175	5 to 9% of m/z 174	6.3 (7.2)
176	Greater than 95% but less than 101% of m/z 174	86.6 (98.3)
177	5 to 9% of m/z 176	5.8 (6.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72901.D\8260624W6.rslt\spectra.d  
 Injection Date: 29-Oct-2018 16:31:30  
 Spectrum: Tune Spec :Average 85-87( 3.38-3.39 ) Bgrd 81( 3.34)  
 Base Peak: 95.00  
 Minimum % Base Peak: 0  
 Number of Points: 223

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	591	102.00	52	176.00	52368	288.00	36
37.00	2135	103.00	51	177.00	3508	289.00	57
38.00	1826	104.00	96	178.00	285	290.00	33
39.00	178	105.00	86	180.00	63	293.00	33
41.00	161	106.00	118	181.00	60	294.00	23
42.00	29	107.00	130	183.00	57	297.00	21
43.00	46	108.00	83	184.00	21	299.00	31
44.00	299	110.00	66	185.00	54	300.00	40
45.00	400	111.00	25	186.00	22	304.00	31
46.00	26	112.00	82	189.00	19	305.00	18
47.00	665	113.00	80	190.00	24	306.00	125
48.00	275	116.00	166	195.00	25	307.00	39
49.00	1630	117.00	231	196.00	38	309.00	19
50.00	9222	118.00	212	197.00	52	310.00	44
51.00	3046	119.00	229	198.00	148	315.00	19
52.00	194	120.00	41	200.00	52	316.00	31
55.00	269	124.00	30	201.00	18	317.00	78
56.00	672	125.00	124	203.00	62	318.00	22
57.00	1304	128.00	52	209.00	52	321.00	16
58.00	37	129.00	79	211.00	34	323.00	28
60.00	521	130.00	303	212.00	89	324.00	28
61.00	2459	131.00	139	213.00	19	328.00	42
62.00	2346	133.00	136	217.00	21	330.00	73
63.00	1290	135.00	49	219.00	40	332.00	17
64.00	157	136.00	137	222.00	51	333.00	28
65.00	179	137.00	6	224.00	41	334.00	40
67.00	208	138.00	27	227.00	34	335.00	18
68.00	5429	139.00	98	228.00	25	336.00	22
69.00	5650	141.00	372	229.00	45	339.00	30
70.00	395	142.00	52	238.00	22	340.00	21
71.00	177	143.00	512	239.00	58	341.00	68
72.00	230	145.00	62	240.00	53	344.00	21
73.00	2485	147.00	129	242.00	47	345.00	3

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72901.D\8260624W6.rslt\spectra.d

Injection Date: 29-Oct-2018 16:31:30

Spectrum: Tune Spec :Average 85-87( 3.38-3.39 ) Bgrd 81( 3.34)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 223

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	8482	148.00	99	249.00	54	347.00	18
75.00	26560	149.00	13	250.00	41	350.00	18
76.00	2295	150.00	46	251.00	75	351.00	37
77.00	383	151.00	18	253.00	57	352.00	36
78.00	388	152.00	107	254.00	19	353.00	19
79.00	911	153.00	101	255.00	17	354.00	36
80.00	236	154.00	40	258.00	17	357.00	49
81.00	977	155.00	179	259.00	21	362.00	48
82.00	256	156.00	110	260.00	20	365.00	27
85.00	90	157.00	62	262.00	31	370.00	27
87.00	3080	158.00	81	263.00	35	371.00	19
88.00	2961	159.00	151	264.00	20	375.00	22
89.00	31	160.00	116	265.00	30	376.00	43
90.00	88	161.00	66	270.00	89	379.00	50
91.00	268	164.00	26	271.00	45	382.00	21
92.00	1332	165.00	21	272.00	17	384.00	23
93.00	2593	166.00	17	275.00	41	385.00	18
94.00	7018	167.00	59	278.00	16	386.00	65
95.00	60440	171.00	70	281.00	20	388.00	24
96.00	4224	172.00	340	282.00	42	390.00	37
97.00	172	173.00	253	284.00	39	392.00	38
99.00	51	174.00	53296	285.00	26	396.00	24
100.00	55	175.00	3819	286.00	25		

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72930.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 30-Oct-2018 04:22:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0081111-001  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 17:32:43 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0304

First Level Reviewer: tupayachia Date: 30-Oct-2018 05:30:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 133 BFB	95	3.408	3.408	0.000	90	98768	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

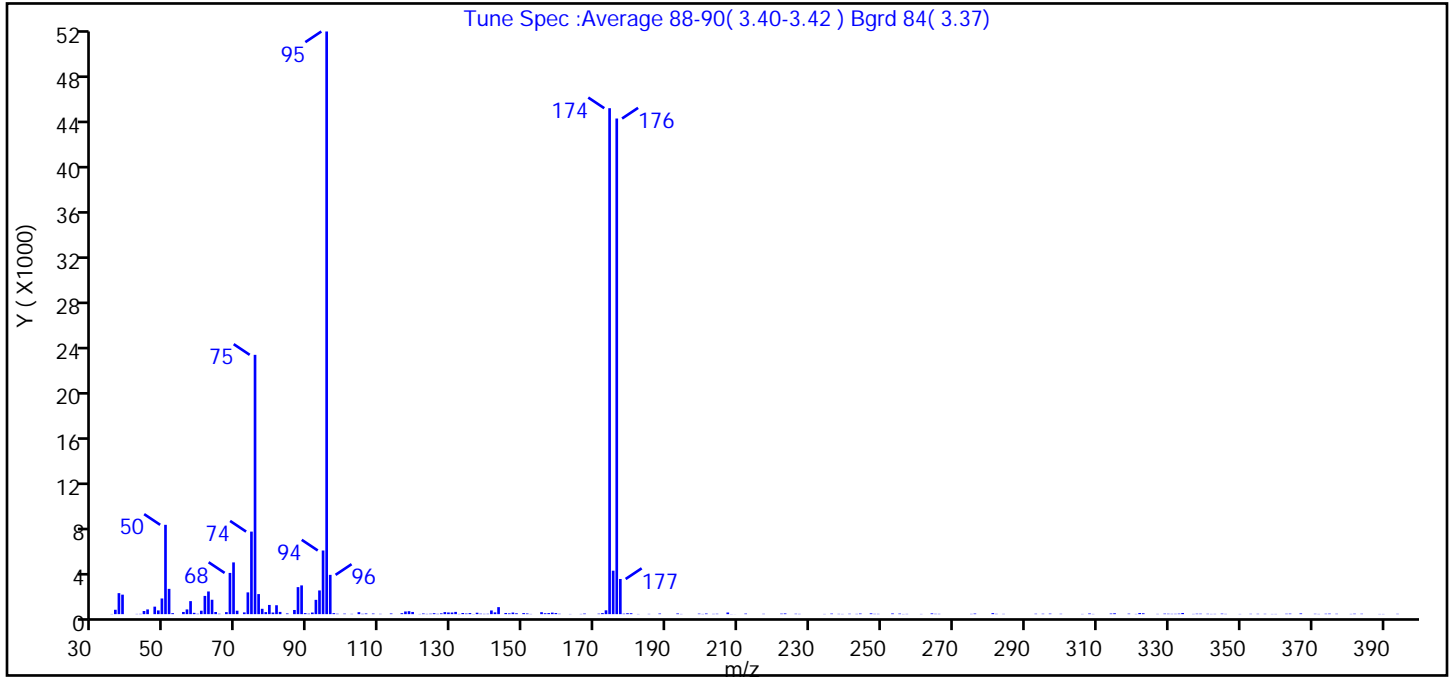
**Reagents:**

BFB\_00017 Amount Added: 1.00 Units: uL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72930.D  
 Injection Date: 30-Oct-2018 04:22:30 Instrument ID: CVOAMS6  
 Lims ID: BFB  
 Client ID:  
 Operator ID: ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
 Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	44.5
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	86.8
175	5 to 9% of m/z 174	7.5 (8.6)
176	Greater than 95% but less than 101% of m/z 174	85.1 (98.0)
177	5 to 9% of m/z 176	6.0 (7.1)



Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72930.D\8260624W6.rslt\spectra.d  
Injection Date: 30-Oct-2018 04:22:30  
Spectrum: Tune Spec :Average 88-90( 3.40-3.42 ) Bgrd 84( 3.37)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 206

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	16	97.00	88	166.00	19	282.00	27
36.00	384	98.00	34	167.00	50	284.00	24
37.00	1841	100.00	44	171.00	43	293.00	35
38.00	1709	102.00	24	172.00	90	295.00	35
42.00	20	104.00	172	173.00	336	297.00	45
43.00	24	105.00	28	174.00	44360	300.00	30
44.00	276	106.00	58	175.00	3811	306.00	18
45.00	414	108.00	51	176.00	43456	308.00	57
47.00	657	110.00	26	177.00	3083	309.00	18
48.00	327	113.00	58	178.00	40	314.00	52
49.00	1374	115.00	1	179.00	81	315.00	75
50.00	7832	116.00	84	180.00	79	319.00	44
51.00	2217	117.00	233	182.00	16	321.00	18
52.00	87	118.00	258	185.00	23	322.00	97
55.00	191	119.00	192	188.00	53	323.00	75
56.00	414	121.00	17	193.00	61	327.00	22
57.00	1141	122.00	57	194.00	18	329.00	44
58.00	116	123.00	23	199.00	45	330.00	35
59.00	31	124.00	38	200.00	18	331.00	27
60.00	301	125.00	83	201.00	55	332.00	29
61.00	1599	126.00	28	203.00	24	333.00	45
62.00	1988	127.00	71	204.00	33	334.00	101
63.00	1262	128.00	180	207.00	143	337.00	20
64.00	188	129.00	148	208.00	11	338.00	38
65.00	34	130.00	143	209.00	5	339.00	38
67.00	177	131.00	196	212.00	48	341.00	31
68.00	3614	132.00	20	217.00	29	342.00	19
69.00	4537	133.00	99	222.00	44	343.00	23
70.00	302	134.00	53	223.00	62	345.00	44
72.00	152	135.00	94	226.00	34	346.00	22
73.00	1909	136.00	10	227.00	23	350.00	18
74.00	7237	137.00	124	234.00	18	353.00	28
75.00	22736	138.00	39	236.00	47	355.00	29

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72930.D\8260624W6.rslt\spectra.d

Injection Date: 30-Oct-2018 04:22:30

Spectrum: Tune Spec :Average 88-90( 3.40-3.42 ) Bgrd 84( 3.37)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 206

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	1759	139.00	26	238.00	25	357.00	28
77.00	469	140.00	32	239.00	18	359.00	17
78.00	178	141.00	323	241.00	33	360.00	18
79.00	808	142.00	155	243.00	23	363.00	34
80.00	141	143.00	614	244.00	52	364.00	44
81.00	781	145.00	102	247.00	68	367.00	62
82.00	196	146.00	67	248.00	25	371.00	31
84.00	62	147.00	140	249.00	25	372.00	19
86.00	365	148.00	76	253.00	59	374.00	35
87.00	2369	150.00	91	255.00	47	375.00	44
88.00	2521	151.00	60	256.00	15	377.00	32
89.00	89	152.00	18	257.00	22	381.00	20
90.00	40	155.00	170	261.00	18	382.00	38
91.00	140	156.00	79	264.00	65	384.00	34
92.00	1254	157.00	93	265.00	29	389.00	17
93.00	2079	158.00	133	266.00	26	390.00	17
94.00	5581	159.00	96	275.00	23	394.00	28
95.00	51088	160.00	31	276.00	52		
96.00	3445	163.00	16	281.00	86		

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-563951/8  
 Matrix: Water Lab File ID: F72878.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 06:18  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-563951/8  
 Matrix: Water Lab File ID: F72878.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 06:18  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	112		77-124
1868-53-7	Dibromofluoromethane (Surr)	120		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72878.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 29-Oct-2018 06:18:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0081059-008  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 29-Oct-2018 19:52:25 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK002

First Level Reviewer: parekhv Date: 29-Oct-2018 19:43:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	123078	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	112712	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	97671	50.0	59.8	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	84763	50.0	52.5	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	329982	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.020	6.028	-0.008	0	11784	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	99	293173	50.0	53.1	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	208452	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	95	89925	50.0	56.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	128304	50.0	50.0	

Reagents:

VOA6IS/SURR\_00013 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72878.D

Injection Date: 29-Oct-2018 06:18:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

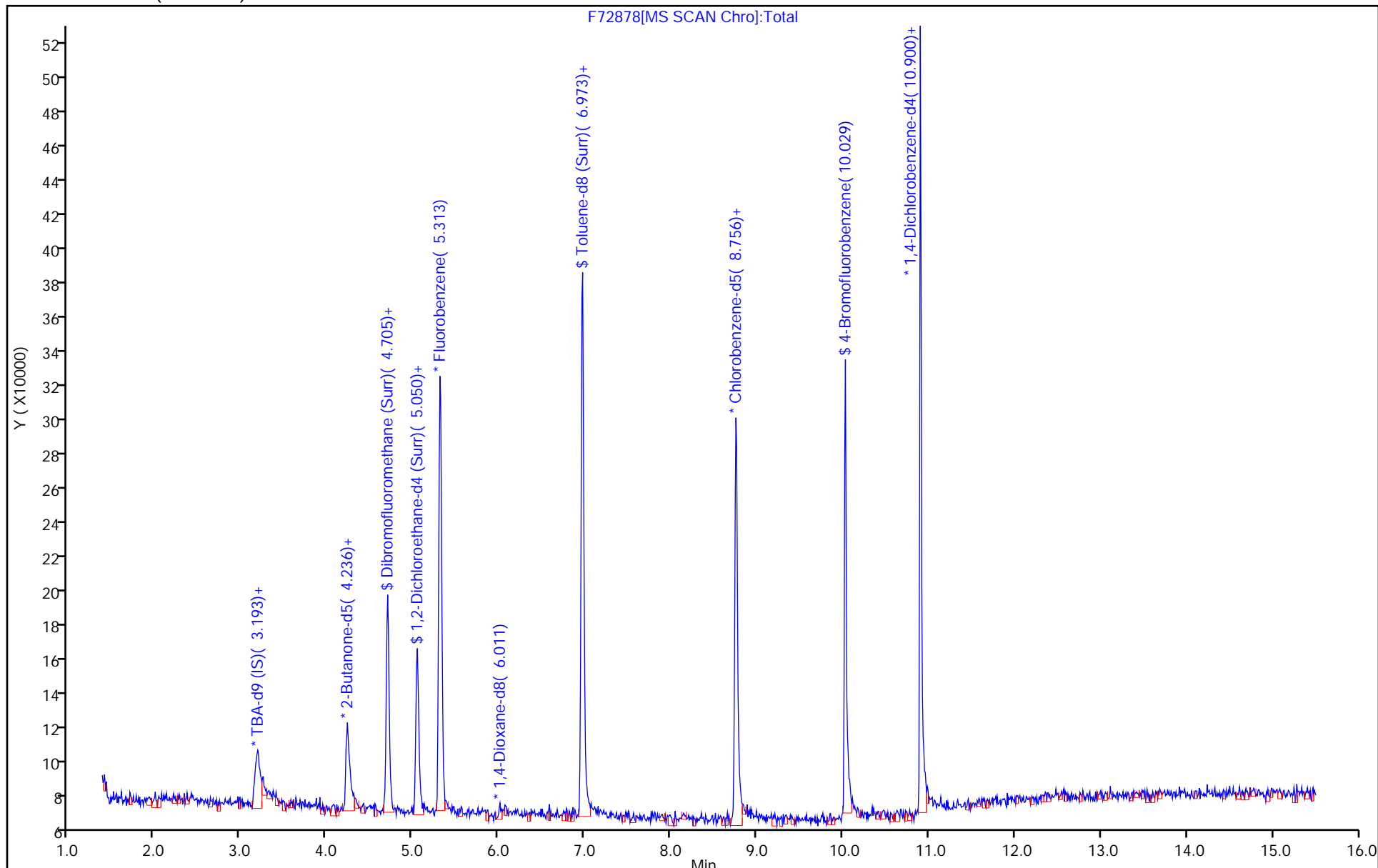
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-564124/8  
 Matrix: Water Lab File ID: F72908.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 19:24  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-564124/8  
 Matrix: Water Lab File ID: F72908.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 19:24  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		74-132
460-00-4	4-Bromofluorobenzene	115		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72908.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 29-Oct-2018 19:24:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0081094-008  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 29-Oct-2018 21:17:59 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: XAWRK002

First Level Reviewer: parekhv

Date: 29-Oct-2018 21:16:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	131019	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.228	4.228	0.000	0	125149	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	104401	50.0	56.6	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	91966	50.0	50.5	
* 61 Fluorobenzene	96	5.321	5.313	0.008	100	372827	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.036	6.011	0.025	0	7947	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.964	0.008	99	328933	50.0	53.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	232694	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	97	102933	50.0	57.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	137714	50.0	50.0	

**Reagents:**

VOA6IS/SURR\_00013

Amount Added: 5.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72908.D

Injection Date: 29-Oct-2018 19:24:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

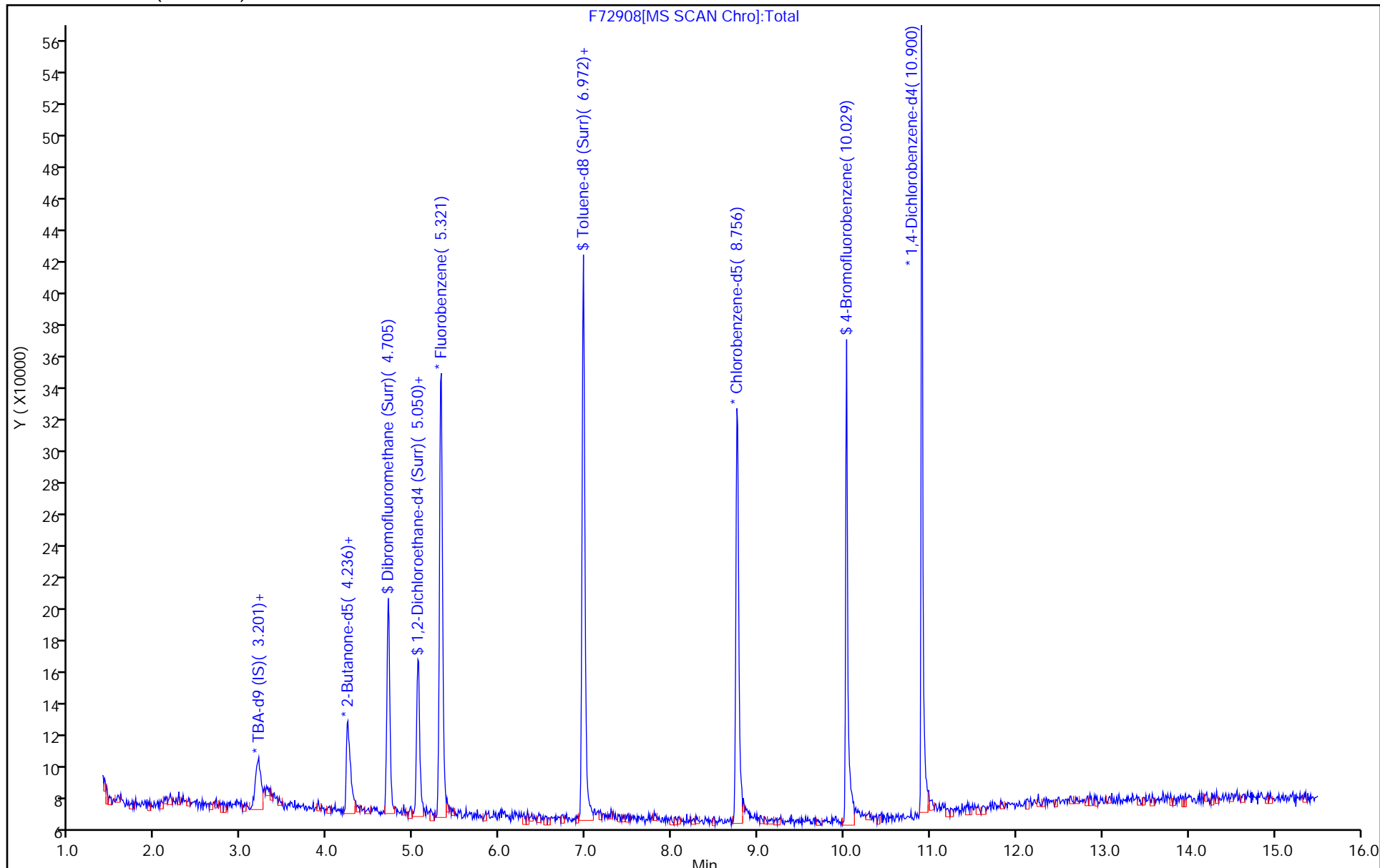
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

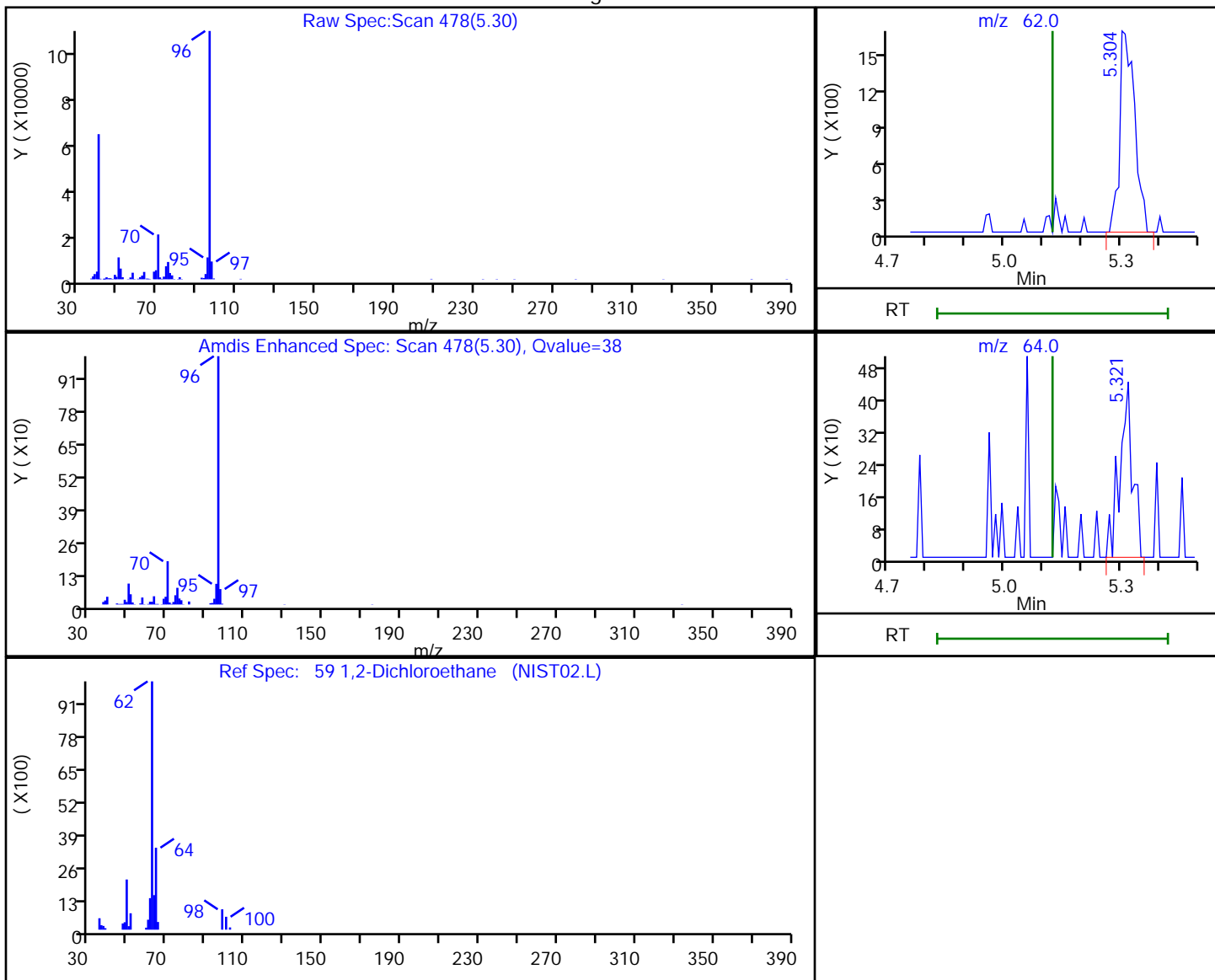


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72908.D  
Injection Date: 29-Oct-2018 19:24:30 Instrument ID: CVOAMS6  
Lims ID: MB  
Client ID:  
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	4342	0.881982
5.32	64.00	1024	

Reviewer: parekhv, 29-Oct-2018 21:16:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-564222/8  
 Matrix: Water Lab File ID: F72937.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 07:06  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.43
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.76
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	2.7
67-64-1	Acetone	5.0	U	5.0	5.0
71-43-2	Benzene	1.0	U	1.0	0.43
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.46
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.12
100-41-4	Ethylbenzene	1.0	U	1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-564222/8  
 Matrix: Water Lab File ID: F72937.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 07:06  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.31
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.47
108-87-2	Methylcyclohexane	1.0	U	1.0	0.26
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.14
75-01-4	Vinyl chloride	1.0	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	118		77-124
1868-53-7	Dibromofluoromethane (Surr)	116		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72937.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 30-Oct-2018 07:06:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0081111-008  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 17:32:52 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0304

First Level Reviewer: baronm Date: 30-Oct-2018 17:30:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.209	3.201	0.008	0	132253	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	117458	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	95362	50.0	58.1	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	83514	50.0	51.5	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	331688	50.0	50.0	
* 67 1,4-Dioxane-d8	96	6.028	6.011	0.017	0	12476	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.000	100	293726	50.0	51.7	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	82	214763	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	10.029	10.021	0.008	97	97716	50.0	59.1	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	126298	50.0	50.0	

Reagents:

VOA6IS/SURR\_00013 Amount Added: 5.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72937.D

Injection Date: 30-Oct-2018 07:06:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

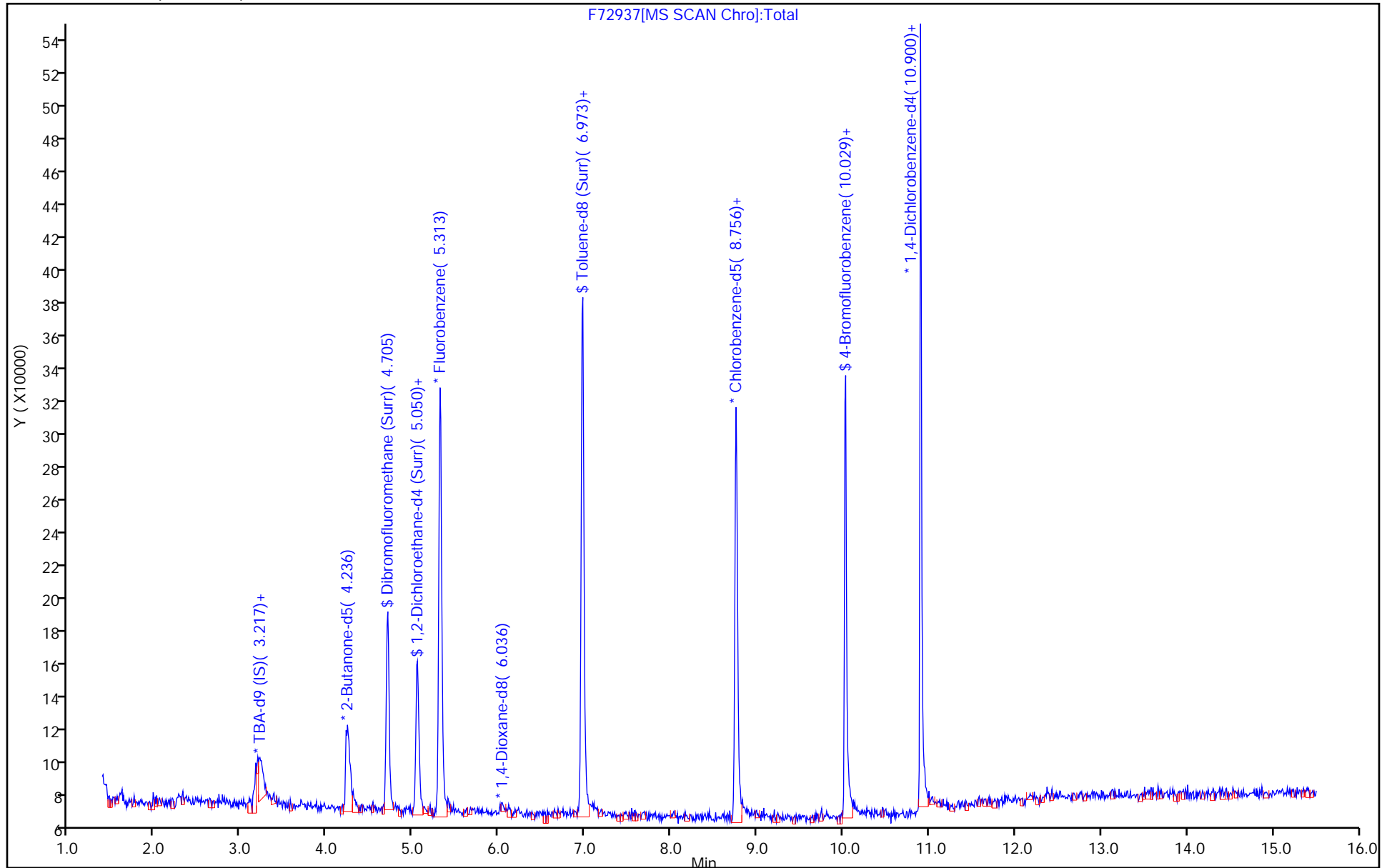
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-563951/4  
 Matrix: Water Lab File ID: F72874.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 04:43  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.43
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.6		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	21.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.43
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	19.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.3		1.0	0.76
78-93-3	2-Butanone (MEK)	106		5.0	1.9
591-78-6	2-Hexanone	95.4		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	2.7
67-64-1	Acetone	80.0		5.0	5.0
71-43-2	Benzene	20.7		1.0	0.43
75-25-2	Bromoform	21.2		1.0	0.54
74-83-9	Bromomethane	17.9		1.0	1.0
75-15-0	Carbon disulfide	18.0		1.0	0.16
56-23-5	Carbon tetrachloride	20.0		1.0	0.21
108-90-7	Chlorobenzene	20.0		1.0	0.38
74-97-5	Chlorobromomethane	22.4		1.0	0.41
124-48-1	Chlorodibromomethane	21.4		1.0	0.28
75-00-3	Chloroethane	17.5		1.0	0.32
67-66-3	Chloroform	20.3		1.0	0.33
74-87-3	Chloromethane	15.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.46
110-82-7	Cyclohexane	18.5		1.0	0.32
75-27-4	Dichlorobromomethane	20.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.5		1.0	0.12
100-41-4	Ethylbenzene	20.0		1.0	0.30



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-563951/4  
 Matrix: Water Lab File ID: F72874.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 04:43  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	22.2		1.0	0.50
98-82-8	Isopropylbenzene	20.1		1.0	0.34
79-20-9	Methyl acetate	35.4		5.0	0.31
1634-04-4	Methyl tert-butyl ether	19.6		1.0	0.47
108-87-2	Methylcyclohexane	19.1		1.0	0.26
75-09-2	Methylene Chloride	19.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.7		1.0	0.30
95-47-6	o-Xylene	20.0		1.0	0.36
100-42-5	Styrene	19.5		1.0	0.42
127-18-4	Tetrachloroethene	22.2		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.49
79-01-6	Trichloroethene	21.0		1.0	0.31
75-69-4	Trichlorofluoromethane	20.7		1.0	0.14
75-01-4	Vinyl chloride	17.2		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		74-132
460-00-4	4-Bromofluorobenzene	111		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72874.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 29-Oct-2018 04:43:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0081059-004  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:32:46 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: tupayachia

Date: 29-Oct-2018 06:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	88	58624	20.0	18.4	
2 Dichlorodifluoromethane	85	1.574	1.574	0.000	99	134299	20.0	18.5	
3 Chloromethane	50	1.747	1.747	0.000	99	133993	20.0	15.7	
5 Butadiene	54	1.829	1.820	0.009	91	113016	20.0	15.0	
4 Vinyl chloride	62	1.837	1.837	0.000	98	144808	20.0	17.2	
6 Bromomethane	94	2.100	2.108	-0.008	99	106293	20.0	17.9	
7 Chloroethane	64	2.166	2.166	0.000	98	84002	20.0	17.5	
8 Dichlorofluoromethane	67	2.346	2.346	0.000	98	211592	20.0	20.1	
9 Trichlorofluoromethane	101	2.363	2.355	0.008	64	156507	20.0	20.7	
10 Pentane	72	2.363	2.363	0.000	97	31643	40.0	38.3	
11 Ethanol	46	2.544	2.552	-0.008	79	9932	800.0	657.6	
12 Ethyl ether	59	2.552	2.552	0.000	95	70523	20.0	18.4	
13 2-Methyl-1,3-butadiene	53	2.568	2.576	-0.008	93	73387	20.0	15.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.609	-0.008	93	85171	20.0	19.4	
15 Acrolein	56	2.733	2.733	0.000	40	22310	40.0	36.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	98	98733	20.0	21.1	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	95	90368	20.0	18.6	
18 Acetone	43	2.848	2.848	0.000	88	110027	100.0	80.0	
19 Iodomethane	142	2.913	2.913	0.000	96	175584	20.0	20.6	
21 Carbon disulfide	76	2.954	2.946	0.008	99	327114	20.0	18.0	
20 Isopropyl alcohol	45	2.938	2.963	-0.025	28	31266	200.0	148.2	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	97	159226	20.0	17.0	
24 Methyl acetate	43	3.078	3.078	0.000	83	109226	40.0	35.4	
23 Cyclopentene	67	3.086	3.086	0.000	94	215874	20.0	17.4	
25 Acetonitrile	41	3.152	3.152	0.000	82	108791	200.0	220.9	a
27 Methylene Chloride	84	3.193	3.193	0.000	88	110529	20.0	19.4	
* 26 TBA-d9 (IS)	65	3.185	3.201	-0.016	0	139285	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	91	74064	200.0	194.6	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	97	220924	20.0	19.6	
30 trans-1,2-Dichloroethene	96	3.374	3.373	0.001	92	101537	20.0	20.2	
31 Acrylonitrile	53	3.448	3.447	0.001	98	311070	200.0	208.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.521	3.521	0.000	89	76085	20.0	16.8	
33 Isopropyl ether	45	3.719	3.719	0.000	96	284941	20.0	18.5	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	170393	20.0	19.7	
35 Vinyl acetate	86	3.768	3.768	0.000	100	33050	40.0	41.5	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	88	87160	20.0	20.4	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	90	247930	20.0	18.7	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	136492	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	92	33320	20.0	17.9	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	99	114073	20.0	20.8	
42 Ethyl acetate	70	4.286	4.277	0.009	95	14937	40.0	41.2	
41 2-Butanone (MEK)	72	4.286	4.277	0.009	97	38922	100.0	106.2	
43 Methyl acrylate	55	4.343	4.335	0.008	97	50836	20.0	17.3	a
44 Propionitrile	54	4.417	4.417	0.000	98	96390	200.0	229.9	
45 Chlorobromomethane	128	4.499	4.499	0.000	84	56021	20.0	22.4	
46 Tetrahydrofuran	72	4.507	4.507	0.000	54	18716	40.0	37.9	
47 Methacrylonitrile	67	4.516	4.516	0.000	88	311771	200.0	207.4	
48 Chloroform	83	4.549	4.549	0.001	99	162409	20.0	20.3	
49 Cyclohexane	84	4.680	4.680	0.000	88	147437	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.688	4.696	-0.008	97	140005	20.0	19.6	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	97	102399	50.0	57.5	
52 Carbon tetrachloride	117	4.812	4.811	0.001	98	116972	20.0	20.0	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	118285	20.0	19.9	
54 Isobutyl alcohol	43	4.992	4.984	0.008	40	101412	500.0	488.1	
55 Benzene	78	5.033	5.033	0.000	96	376752	20.0	20.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	92301	50.0	52.5	
57 Isopropyl acetate	43	5.083	5.083	0.000	93	211020	20.0	18.4	
58 Tert-amyl methyl ether	73	5.083	5.091	-0.008	89	282361	20.0	19.2	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	100174	20.0	21.1	
60 n-Heptane	57	5.173	5.173	0.000	88	65360	20.0	18.6	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	359566	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	80	23387	500.0	374.9	
63 Trichloroethene	95	5.666	5.666	0.000	97	89035	20.0	21.0	
65 Ethyl acrylate	55	5.789	5.789	0.000	90	176136	20.0	17.2	
64 Methylcyclohexane	83	5.789	5.789	0.000	91	169772	20.0	19.1	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	94	88741	20.0	19.9	
* 67 1,4-Dioxane-d8	96	6.019	6.028	-0.009	0	12262	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.028	-0.009	83	36535	40.0	42.1	
69 1,4-Dioxane	88	6.110	6.060	0.050	30	14573	400.0	540.2	a
70 n-Propyl acetate	43	6.077	6.077	0.000	95	70619	20.0	19.4	
71 Dibromomethane	93	6.093	6.085	0.008	95	52173	20.0	21.3	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	109630	20.0	20.2	
74 2-Chloroethyl vinyl ether	63	6.570	6.562	0.008	77	35518	20.0	16.7	
73 2-Nitropropane	41	6.562	6.562	0.000	81	25520	40.0	32.3	
75 Epichlorohydrin	57	6.677	6.677	0.000	98	117972	400.0	454.1	a
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	87	118143	20.0	20.2	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	93	302303	100.0	106.8	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.973	0.001	99	329161	50.0	52.7	
79 Toluene	91	7.047	7.046	0.001	93	347367	20.0	20.0	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	92209	20.0	19.6	
81 Ethyl methacrylate	69	7.424	7.424	0.000	87	83406	20.0	18.0	
82 1,1,2-Trichloroethane	83	7.613	7.613	0.000	97	59518	20.0	19.9	
83 Tetrachloroethene	166	7.655	7.663	-0.008	95	92072	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.827	7.819	0.008	89	107020	20.0	20.8	
85 2-Hexanone	43	7.885	7.885	0.000	94	145742	100.0	95.4	
86 n-Butyl acetate	43	8.000	8.000	0.000	97	94050	20.0	19.8	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	76247	20.0	21.4	
88 Ethylene Dibromide	107	8.213	8.213	0.000	97	64171	20.0	22.2	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	235927	50.0	50.0	
90 Chlorobenzene	112	8.789	8.788	0.000	95	209060	20.0	20.0	
91 Ethylbenzene	106	8.887	8.887	0.000	97	124257	20.0	20.0	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	96	89960	20.0	21.2	
93 m-Xylene & p-Xylene	106	9.043	9.051	-0.008	0	155036	20.0	19.7	
94 n-Butyl acrylate	73	9.487	9.487	0.000	97	49103	20.0	16.0	
95 o-Xylene	106	9.495	9.495	0.000	95	164658	20.0	20.0	
96 Styrene	104	9.528	9.528	0.000	98	237751	20.0	19.5	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	93	98298	20.0	17.4	
98 Bromoform	173	9.733	9.733	0.000	97	49056	20.0	21.2	
99 Isopropylbenzene	105	9.840	9.840	0.000	94	412101	20.0	20.1	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	98	100525	50.0	55.3	
101 Bromobenzene	156	10.144	10.144	0.000	94	102034	20.0	21.5	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	94941	20.0	20.0	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	464053	20.0	18.6	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	93	25965	20.0	19.1	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	87	15915	20.0	13.1	
106 2-Chlorotoluene	91	10.292	10.292	0.000	91	321465	20.0	18.7	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	393754	20.0	19.1	
108 1,3,5-Trimethylbenzene	105	10.342	10.341	0.001	95	340331	20.0	18.5	
109 4-Chlorotoluene	91	10.383	10.383	0.000	96	284250	20.0	19.3	
110 Butyl Methacrylate	87	10.424	10.424	0.000	86	107772	20.0	16.7	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	269748	20.0	19.2	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	356203	20.0	18.7	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	427910	20.0	19.0	
114 4-Isopropyltoluene	119	10.835	10.834	0.000	97	362054	20.0	18.6	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	97	200551	20.0	20.3	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	138762	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	96	214017	20.0	21.3	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	373874	20.0	19.3	
118 Benzyl chloride	91	11.015	11.015	0.000	100	180068	20.0	18.4	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	386115	20.0	20.2	
120 p-Diethylbenzene	119	11.089	11.089	0.000	95	217986	20.0	19.9	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	200845	20.0	19.1	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	98	204815	20.0	20.4	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.574	-0.008	98	362819	20.0	19.1	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	91	17491	20.0	16.0	
125 1,3,5-Trichlorobenzene	180	11.730	11.738	-0.008	97	169788	20.0	20.9	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	166409	20.0	21.8	
127 Hexachlorobutadiene	225	12.199	12.198	0.001	97	66724	20.0	22.0	
128 Naphthalene	128	12.305	12.305	0.000	100	359699	20.0	22.1	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	149995	20.0	21.8	
S 130 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 131 Xylenes, Total	100				0		40.0	39.7	

### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72874.D

Injection Date: 29-Oct-2018 04:43:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

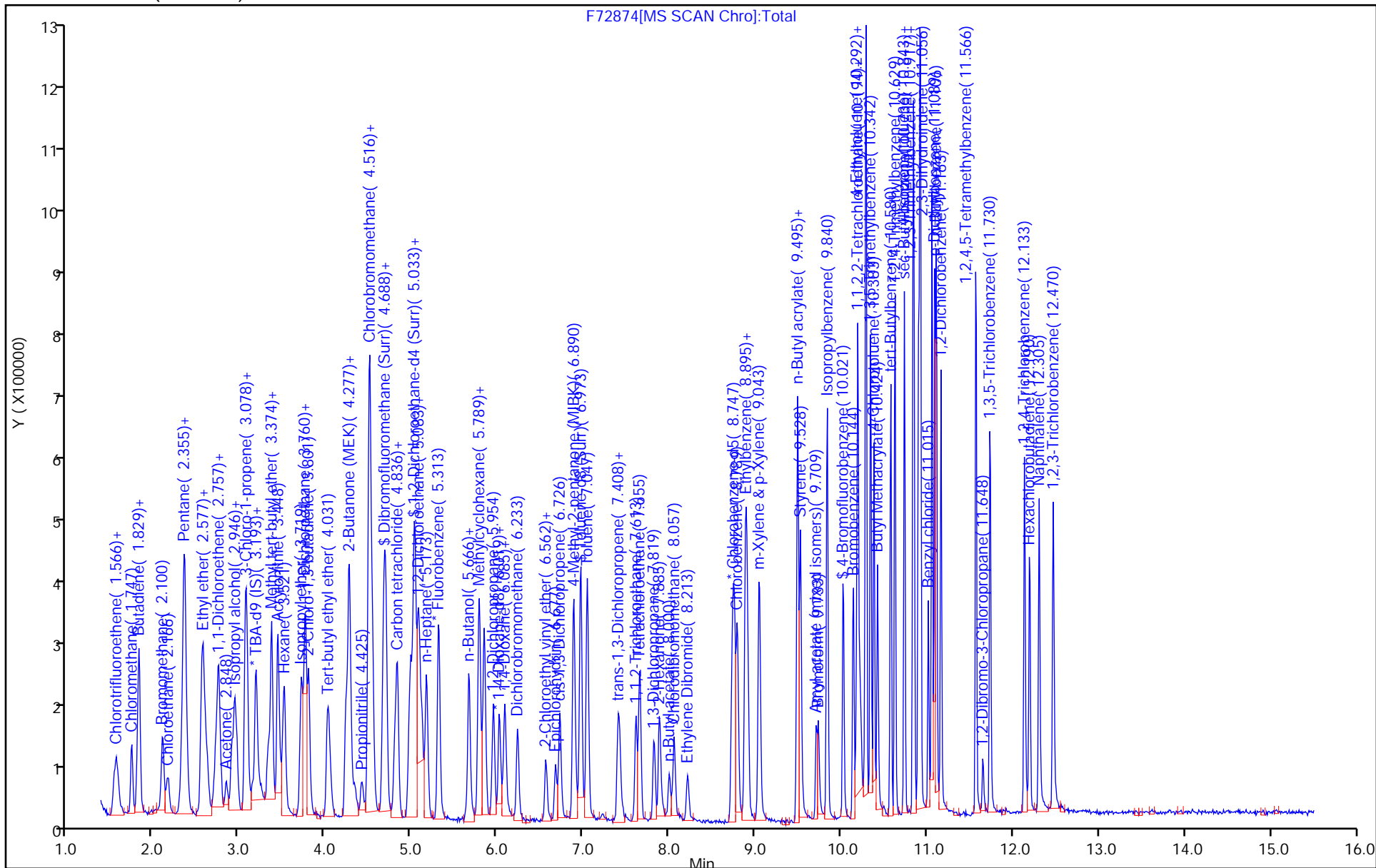
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-564124/4  
 Matrix: Water Lab File ID: F72904.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 17:42  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	18.6		1.0	0.26
75-35-4	1,1-Dichloroethene	18.3		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	14.6		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.43
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-87-5	1,2-Dichloropropane	18.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.8		1.0	0.76
78-93-3	2-Butanone (MEK)	106		5.0	1.9
591-78-6	2-Hexanone	101		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	2.7
67-64-1	Acetone	76.1		5.0	5.0
71-43-2	Benzene	18.7		1.0	0.43
75-25-2	Bromoform	22.2		1.0	0.54
74-83-9	Bromomethane	14.9		1.0	1.0
75-15-0	Carbon disulfide	17.9		1.0	0.16
56-23-5	Carbon tetrachloride	19.2		1.0	0.21
108-90-7	Chlorobenzene	20.1		1.0	0.38
74-97-5	Chlorobromomethane	21.8		1.0	0.41
124-48-1	Chlorodibromomethane	21.1		1.0	0.28
75-00-3	Chloroethane	14.5		1.0	0.32
67-66-3	Chloroform	18.9		1.0	0.33
74-87-3	Chloromethane	12.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.46
110-82-7	Cyclohexane	17.2		1.0	0.32
75-27-4	Dichlorobromomethane	18.6		1.0	0.34
75-71-8	Dichlorodifluoromethane	15.2		1.0	0.12
100-41-4	Ethylbenzene	19.6		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-564124/4  
 Matrix: Water Lab File ID: F72904.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 17:42  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	20.4		1.0	0.50
98-82-8	Isopropylbenzene	19.2		1.0	0.34
79-20-9	Methyl acetate	32.7		5.0	0.31
1634-04-4	Methyl tert-butyl ether	19.1		1.0	0.47
108-87-2	Methylcyclohexane	18.2		1.0	0.26
75-09-2	Methylene Chloride	18.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.3		1.0	0.30
95-47-6	o-Xylene	19.1		1.0	0.36
100-42-5	Styrene	19.3		1.0	0.42
127-18-4	Tetrachloroethene	21.1		1.0	0.25
108-88-3	Toluene	18.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.49
79-01-6	Trichloroethene	19.9		1.0	0.31
75-69-4	Trichlorofluoromethane	17.4		1.0	0.14
75-01-4	Vinyl chloride	13.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	116		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120



TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72904.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 29-Oct-2018 17:42:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0081094-004  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 11:55:27 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:00:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	86	66349	20.0	20.5	
2 Dichlorodifluoromethane	85	1.574	1.566	0.008	98	111895	20.0	15.2	
3 Chloromethane	50	1.747	1.738	0.009	99	109247	20.0	12.5	
5 Butadiene	54	1.821	1.821	-0.001	91	91108	20.0	11.9	
4 Vinyl chloride	62	1.829	1.829	0.000	97	116118	20.0	13.5	
6 Bromomethane	94	2.100	2.100	0.000	99	89917	20.0	14.9	
7 Chloroethane	64	2.166	2.166	0.000	99	70748	20.0	14.5	
8 Dichlorofluoromethane	67	2.338	2.338	0.000	97	177452	20.0	16.5	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	59	133905	20.0	17.4	
10 Pentane	72	2.363	2.355	0.008	96	31218	40.0	48.3	
12 Ethyl ether	59	2.552	2.552	0.000	91	67974	20.0	17.4	
11 Ethanol	46	2.544	2.560	-0.016	74	7803	800.0	660.2	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	93	66356	20.0	13.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.601	2.601	0.000	94	82168	20.0	18.4	
15 Acrolein	56	2.724	2.724	0.000	39	16453	40.0	34.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	96	91985	20.0	19.3	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	95	90499	20.0	18.3	
18 Acetone	43	2.848	2.839	0.009	89	101939	100.0	76.1	
19 Iodomethane	142	2.913	2.905	0.008	97	173543	20.0	20.0	
21 Carbon disulfide	76	2.946	2.946	0.000	98	332046	20.0	17.9	
20 Isopropyl alcohol	45	2.938	2.946	-0.008	26	30862	200.0	186.2	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	93	151688	20.0	15.9	
24 Methyl acetate	43	3.078	3.070	0.008	59	102703	40.0	32.7	
23 Cyclopentene	67	3.086	3.086	0.000	94	208147	20.0	16.5	
25 Acetonitrile	41	3.143	3.144	-0.001	94	72952	200.0	189.3	a
27 Methylene Chloride	84	3.185	3.185	0.000	88	107555	20.0	18.5	
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	109000	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.275	3.250	0.025	92	64818	200.0	217.6	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	97	219119	20.0	19.1	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	92	100737	20.0	19.7	
31 Acrylonitrile	53	3.447	3.439	0.008	95	300332	200.0	197.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.521	3.513	0.008	89	72503	20.0	15.8	
33 Isopropyl ether	45	3.719	3.719	0.000	95	275352	20.0	17.6	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	164385	20.0	18.6	
35 Vinyl acetate	86	3.768	3.768	0.000	99	32529	40.0	40.1	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	88	84751	20.0	19.5	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	90	245350	20.0	18.2	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	132900	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.261	-0.008	89	33972	20.0	17.9	
40 cis-1,2-Dichloroethene	96	4.269	4.269	0.000	99	110929	20.0	19.8	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	37958	100.0	106.4	
42 Ethyl acetate	70	4.277	4.286	-0.009	95	14966	40.0	42.4	
43 Methyl acrylate	55	4.343	4.335	0.008	98	52567	20.0	17.2	
44 Propionitrile	54	4.425	4.425	0.000	98	93736	200.0	285.7	
45 Chlorobromomethane	128	4.499	4.499	0.000	79	55411	20.0	21.8	
46 Tetrahydrofuran	72	4.507	4.508	-0.001	53	17914	40.0	37.2	
47 Methacrylonitrile	67	4.516	4.508	0.008	88	300033	200.0	196.0	
48 Chloroform	83	4.549	4.549	0.000	98	153681	20.0	18.9	
49 Cyclohexane	84	4.680	4.672	0.008	87	140152	20.0	17.2	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	98	135030	20.0	18.6	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	103927	50.0	57.3	
52 Carbon tetrachloride	117	4.803	4.812	-0.009	97	114284	20.0	19.2	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	97	114558	20.0	19.0	
54 Isobutyl alcohol	43	4.984	4.984	0.000	41	98102	500.0	603.4	
55 Benzene	78	5.033	5.033	0.000	95	354644	20.0	18.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	92407	50.0	51.6	
57 Isopropyl acetate	43	5.083	5.074	0.009	92	209134	20.0	17.9	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	87	282376	20.0	18.9	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	97	94172	20.0	19.5	
60 n-Heptane	57	5.173	5.173	0.000	88	65571	20.0	18.3	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	366167	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	84	22434	500.0	459.6	
63 Trichloroethene	95	5.666	5.666	0.000	96	86126	20.0	19.9	
65 Ethyl acrylate	55	5.781	5.781	0.000	93	170791	20.0	16.4	
64 Methylcyclohexane	83	5.789	5.789	0.000	90	164183	20.0	18.2	
69 1,4-Dioxane	88	5.855	5.847	0.008	26	8538	400.0	317.4	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	95	85797	20.0	18.9	
* 67 1,4-Dioxane-d8	96	6.019	6.011	0.008	0	12227	1000.0	1000.0	
68 Methyl methacrylate	100	6.028	6.019	0.009	86	36304	40.0	41.1	
70 n-Propyl acetate	43	6.077	6.077	0.000	96	74041	20.0	20.0	
71 Dibromomethane	93	6.085	6.085	0.000	94	48837	20.0	19.5	
72 Dichlorobromomethane	83	6.233	6.233	0.000	98	102796	20.0	18.6	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	81	37450	20.0	17.2	
73 2-Nitropropane	41	6.562	6.562	0.000	80	24216	40.0	30.1	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	114867	400.0	454.1	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	88	111132	20.0	18.2	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.882	0.008	94	303760	100.0	110.2	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.964	0.000	100	343025	50.0	52.8	
79 Toluene	91	7.046	7.047	-0.001	94	332460	20.0	18.4	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	90646	20.0	18.6	
81 Ethyl methacrylate	69	7.424	7.425	0.000	86	85876	20.0	17.9	
82 1,1,2-Trichloroethane	83	7.613	7.614	-0.001	97	57977	20.0	18.7	
83 Tetrachloroethene	166	7.655	7.655	0.000	95	90747	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	102432	20.0	19.1	
85 2-Hexanone	43	7.885	7.885	0.000	92	150900	100.0	101.3	
86 n-Butyl acetate	43	8.000	8.000	0.000	96	98402	20.0	20.0	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	78077	20.0	21.1	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	61328	20.0	20.4	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	82	245335	50.0	50.0	
90 Chlorobenzene	112	8.788	8.789	-0.001	97	218496	20.0	20.1	
91 Ethylbenzene	106	8.887	8.887	0.000	97	126706	20.0	19.6	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.904	0.008	95	91630	20.0	20.8	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	157353	20.0	19.3	
94 n-Butyl acrylate	73	9.487	9.487	0.000	98	54729	20.0	17.2	
95 o-Xylene	106	9.495	9.495	0.000	94	163350	20.0	19.1	
96 Styrene	104	9.528	9.528	0.000	96	244400	20.0	19.3	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	93	111528	20.0	18.5	
98 Bromoform	173	9.733	9.733	0.000	98	53516	20.0	22.2	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	410032	20.0	19.2	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	97	109245	50.0	57.8	
101 Bromobenzene	156	10.144	10.144	0.000	94	105789	20.0	20.9	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	97	89942	20.0	17.8	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	475375	20.0	17.9	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	92	30248	20.0	20.9	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	76	16403	20.0	12.7	
106 2-Chlorotoluene	91	10.292	10.284	0.008	89	317638	20.0	17.3	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	403669	20.0	18.3	
108 1,3,5-Trimethylbenzene	105	10.341	10.342	-0.001	94	347834	20.0	17.8	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	279803	20.0	17.8	
110 Butyl Methacrylate	87	10.424	10.424	0.000	85	116397	20.0	16.9	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	266756	20.0	17.8	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	350061	20.0	17.2	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	433923	20.0	18.1	
114 4-Isopropyltoluene	119	10.834	10.835	-0.001	98	372580	20.0	18.0	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	99	210423	20.0	19.9	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	147889	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	221909	20.0	20.8	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	96	374406	20.0	18.1	
118 Benzyl chloride	91	11.015	11.015	0.000	99	185122	20.0	17.7	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	389134	20.0	19.1	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	216690	20.0	18.5	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	197348	20.0	17.6	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	217216	20.0	20.3	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.574	0.000	98	356958	20.0	17.7	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.656	-0.008	88	16974	20.0	14.6	
125 1,3,5-Trichlorobenzene	180	11.738	11.738	0.000	97	178917	20.0	20.6	
126 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	94	176752	20.0	21.8	
127 Hexachlorobutadiene	225	12.198	12.199	-0.001	97	67881	20.0	21.0	
128 Naphthalene	128	12.305	12.314	-0.009	100	371235	20.0	21.4	
129 1,2,3-Trichlorobenzene	180	12.470	12.478	-0.008	96	157986	20.0	21.6	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 131 Xylenes, Total	100				0		40.0	38.4	

### QC Flag Legend

#### Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72904.D

Injection Date: 29-Oct-2018 17:42:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

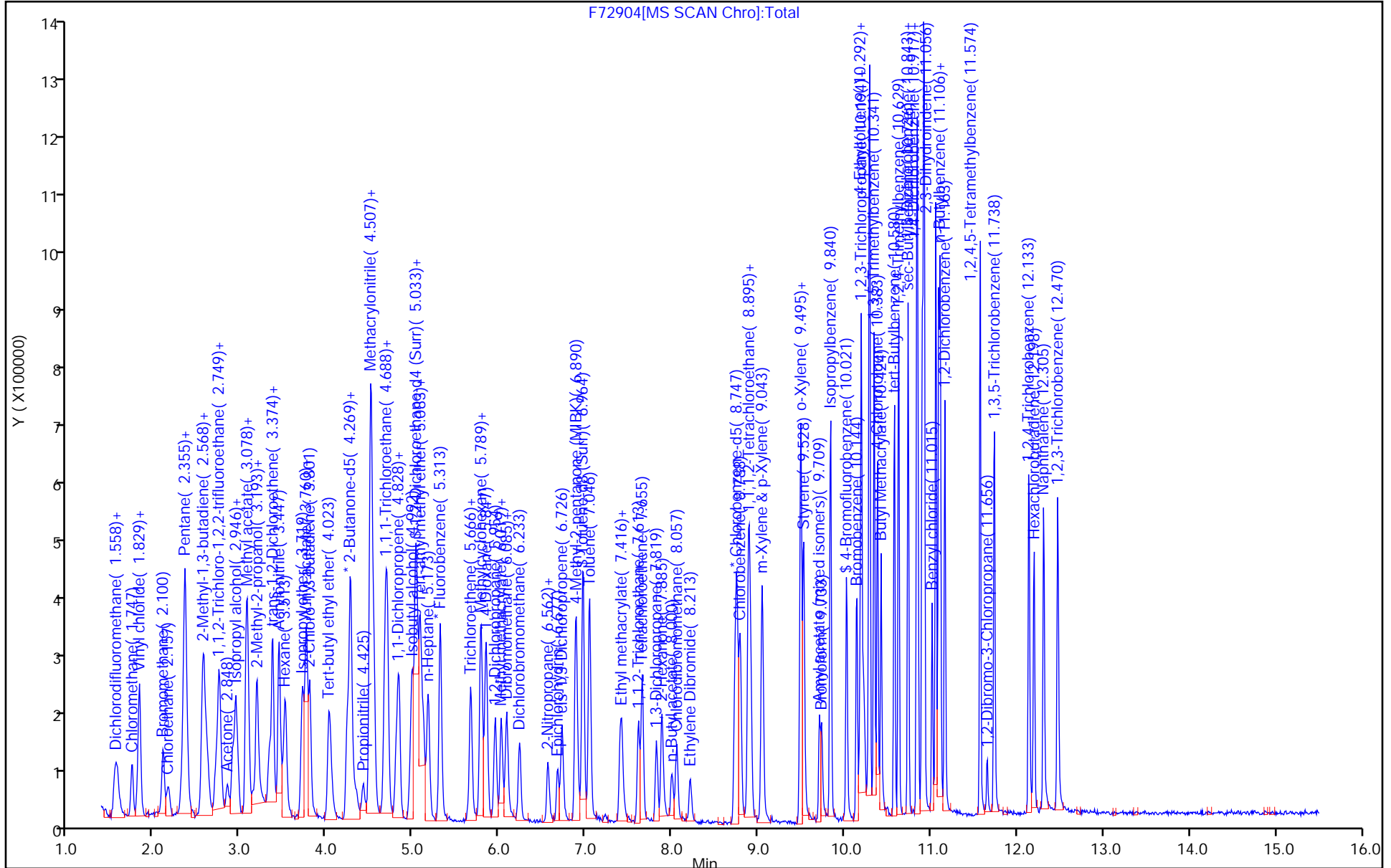
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-564222/4  
 Matrix: Water Lab File ID: F72933.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 05:31  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.43
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	23.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.6		1.0	0.43
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.2		1.0	0.76
78-93-3	2-Butanone (MEK)	117		5.0	1.9
591-78-6	2-Hexanone	103		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	2.7
67-64-1	Acetone	84.6		5.0	5.0
71-43-2	Benzene	20.4		1.0	0.43
75-25-2	Bromoform	23.4		1.0	0.54
74-83-9	Bromomethane	18.8		1.0	1.0
75-15-0	Carbon disulfide	19.3		1.0	0.16
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
74-97-5	Chlorobromomethane	23.2		1.0	0.41
124-48-1	Chlorodibromomethane	22.8		1.0	0.28
75-00-3	Chloroethane	18.0		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	15.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.46
110-82-7	Cyclohexane	19.5		1.0	0.32
75-27-4	Dichlorobromomethane	20.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.12
100-41-4	Ethylbenzene	22.0		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-564222/4  
 Matrix: Water Lab File ID: F72933.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 05:31  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	22.3		1.0	0.50
98-82-8	Isopropylbenzene	20.9		1.0	0.34
79-20-9	Methyl acetate	34.3		5.0	0.31
1634-04-4	Methyl tert-butyl ether	19.9		1.0	0.47
108-87-2	Methylcyclohexane	20.0		1.0	0.26
75-09-2	Methylene Chloride	20.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.30
95-47-6	o-Xylene	21.4		1.0	0.36
100-42-5	Styrene	20.9		1.0	0.42
127-18-4	Tetrachloroethene	23.8		1.0	0.25
108-88-3	Toluene	20.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.49
79-01-6	Trichloroethene	21.3		1.0	0.31
75-69-4	Trichlorofluoromethane	21.9		1.0	0.14
75-01-4	Vinyl chloride	17.2		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	117		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	106		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72933.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 30-Oct-2018 05:31:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0081111-004  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 17:32:52 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0304

First Level Reviewer: baronm

Date: 30-Oct-2018 17:26:38

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.533	1.549	-0.016	85	70372	20.0	22.4	
2 Dichlorodifluoromethane	85	1.566	1.582	-0.016	99	150936	20.0	21.1	
3 Chloromethane	50	1.738	1.747	-0.009	98	132754	20.0	15.7	
5 Butadiene	54	1.812	1.829	-0.017	90	116628	20.0	15.7	
4 Vinyl chloride	62	1.821	1.837	-0.016	97	143915	20.0	17.2	
6 Bromomethane	94	2.092	2.108	-0.016	98	110348	20.0	18.8	
7 Chloroethane	64	2.158	2.174	-0.016	98	85611	20.0	18.0	
8 Dichlorofluoromethane	67	2.330	2.347	-0.016	98	207885	20.0	20.0	
9 Trichlorofluoromethane	101	2.346	2.355	-0.009	65	163088	20.0	21.9	
10 Pentane	72	2.346	2.363	-0.017	98	33279	40.0	41.6	
12 Ethyl ether	59	2.544	2.552	-0.008	93	67881	20.0	17.9	
11 Ethanol	46	2.585	2.552	0.033	63	14094	800.0	964.3	
13 2-Methyl-1,3-butadiene	53	2.560	2.577	-0.017	93	72674	20.0	15.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.593	2.609	-0.016	91	89481	20.0	20.7	
15 Acrolein	56	2.716	2.733	-0.017	37	16231	40.0	27.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	98	101875	20.0	22.1	
17 1,1-Dichloroethene	96	2.749	2.757	-0.008	95	95287	20.0	19.8	
18 Acetone	43	2.840	2.848	-0.008	89	112023	100.0	84.6	
19 Iodomethane	142	2.905	2.913	-0.008	96	186226	20.0	22.1	
20 Isopropyl alcohol	45	2.938	2.946	-0.008	28	42880	200.0	209.0	
21 Carbon disulfide	76	2.946	2.955	-0.009	98	346961	20.0	19.3	
22 3-Chloro-1-propene	41	3.053	3.061	-0.008	95	154953	20.0	16.8	
24 Methyl acetate	43	3.070	3.078	-0.008	57	104548	40.0	34.3	
23 Cyclopentene	67	3.078	3.086	-0.008	93	223081	20.0	18.2	
25 Acetonitrile	41	3.135	3.144	-0.009	93	109844	200.0	230.5	
27 Methylene Chloride	84	3.185	3.193	-0.008	86	117567	20.0	20.9	
* 26 TBA-d9 (IS)	65	3.201	3.201	0.000	0	134790	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	91	77954	200.0	211.6	
29 Methyl tert-butyl ether	73	3.333	3.341	-0.008	96	221479	20.0	19.9	
30 trans-1,2-Dichloroethene	96	3.365	3.374	-0.009	89	106170	20.0	21.3	
31 Acrylonitrile	53	3.439	3.448	-0.009	98	304549	200.0	206.3	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.522	-0.009	90	78252	20.0	17.5	
33 Isopropyl ether	45	3.719	3.719	0.000	95	277212	20.0	18.3	
34 1,1-Dichloroethane	63	3.752	3.760	-0.008	99	172523	20.0	20.1	
35 Vinyl acetate	86	3.768	3.768	0.000	99	32538	40.0	41.4	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	86	91099	20.0	21.6	
37 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	90	247442	20.0	18.9	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	131577	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	89	33668	20.0	18.3	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	99	117173	20.0	21.6	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	41308	100.0	117.0	
42 Ethyl acetate	70	4.277	4.286	-0.009	94	14533	40.0	41.6	
43 Methyl acrylate	55	4.343	4.343	0.000	97	51704	20.0	17.7	a
44 Propionitrile	54	4.417	4.417	0.000	98	100040	200.0	246.6	
45 Chlorobromomethane	128	4.491	4.499	-0.008	82	57374	20.0	23.2	
46 Tetrahydrofuran	72	4.499	4.508	-0.009	56	18425	40.0	38.7	
47 Methacrylonitrile	67	4.508	4.516	-0.008	88	305903	200.0	205.9	
48 Chloroform	83	4.540	4.549	-0.009	98	161531	20.0	20.4	
49 Cyclohexane	84	4.672	4.680	-0.008	89	153981	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	97	137975	20.0	19.6	
\$ 51 Dibromofluoromethane (Surr	113	4.697	4.705	-0.008	98	98858	50.0	56.2	
52 Carbon tetrachloride	117	4.803	4.812	-0.009	97	122599	20.0	21.2	
53 1,1-Dichloropropene	75	4.828	4.836	-0.008	98	119289	20.0	20.4	
54 Isobutyl alcohol	43	4.976	4.976	0.000	41	105206	500.0	523.3	
55 Benzene	78	5.025	5.033	-0.008	95	368306	20.0	20.4	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	85161	50.0	49.0	
57 Isopropyl acetate	43	5.075	5.083	-0.009	82	193906	20.0	17.1	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	86	287882	20.0	19.8	
59 1,2-Dichloroethane	62	5.116	5.124	-0.008	97	98850	20.0	21.1	
60 n-Heptane	57	5.173	5.173	0.000	88	65676	20.0	18.9	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	355351	50.0	50.0	
62 n-Butanol	56	5.641	5.633	0.008	82	28491	500.0	472.0	
63 Trichloroethene	95	5.666	5.666	0.000	97	89214	20.0	21.3	
65 Ethyl acrylate	55	5.781	5.789	-0.008	93	183388	20.0	18.2	
64 Methylcyclohexane	83	5.789	5.789	0.000	91	174967	20.0	20.0	
66 1,2-Dichloropropane	63	5.945	5.954	-0.009	95	88252	20.0	20.0	
* 67 1,4-Dioxane-d8	96	6.019	6.011	0.008	0	14099	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.019	0.000	81	36629	40.0	42.7	
69 1,4-Dioxane	88	6.093	6.077	0.016	28	15312	400.0	493.6	a
70 n-Propyl acetate	43	6.077	6.077	0.000	87	72666	20.0	20.2	
71 Dibromomethane	93	6.085	6.085	0.000	94	53355	20.0	22.0	
72 Dichlorobromomethane	83	6.233	6.233	0.000	98	107901	20.0	20.1	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	79	36146	20.0	17.1	
73 2-Nitropropane	41	6.562	6.562	0.000	79	24613	40.0	31.6	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	114811	400.0	458.5	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	87	117156	20.0	20.2	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.890	-0.008	93	300005	100.0	109.9	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.009	99	326888	50.0	52.9	
79 Toluene	91	7.047	7.047	0.000	94	348993	20.0	20.3	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	95	91967	20.0	19.8	
81 Ethyl methacrylate	69	7.416	7.416	0.000	86	87285	20.0	19.1	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	97	58678	20.0	19.8	
83 Tetrachloroethene	166	7.655	7.655	0.000	95	97425	20.0	23.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.819	7.819	0.000	88	109921	20.0	21.6	
85 2-Hexanone	43	7.885	7.885	0.000	94	151887	100.0	103.0	
86 n-Butyl acetate	43	7.992	7.992	0.000	97	85254	20.0	18.2	
87 Chlorodibromomethane	129	8.057	8.057	0.000	97	80313	20.0	22.8	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	63658	20.0	22.3	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	233554	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	96	215530	20.0	20.8	
91 Ethylbenzene	106	8.887	8.887	0.000	97	135342	20.0	22.0	
92 1,1,1,2-Tetrachloroethane	131	8.904	8.912	-0.008	95	96629	20.0	23.0	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	162929	20.0	21.0	
94 n-Butyl acrylate	73	9.479	9.479	0.000	98	51975	20.0	17.1	
95 o-Xylene	106	9.495	9.495	0.000	96	174416	20.0	21.4	
96 Styrene	104	9.528	9.528	0.000	98	252900	20.0	20.9	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	91	104154	20.0	18.3	
98 Bromoform	173	9.733	9.734	-0.001	99	53649	20.0	23.4	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	423670	20.0	20.9	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	97	105435	50.0	58.6	
101 Bromobenzene	156	10.144	10.144	0.000	91	107473	20.0	22.5	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	95036	20.0	19.9	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	497204	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	94	27794	20.0	20.3	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	84	16176	20.0	13.3	
106 2-Chlorotoluene	91	10.284	10.284	0.000	89	333417	20.0	19.3	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	414209	20.0	19.9	
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	95	363849	20.0	19.7	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	291672	20.0	19.7	
110 Butyl Methacrylate	87	10.424	10.424	0.000	84	120011	20.0	18.5	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	282911	20.0	20.0	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	372244	20.0	19.4	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	448974	20.0	19.8	
114 4-Isopropyltoluene	119	10.835	10.835	0.000	97	386995	20.0	19.8	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	99	213057	20.0	21.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	92	139584	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	96	224061	20.0	22.2	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	396635	20.0	20.4	
118 Benzyl chloride	91	11.015	11.015	0.000	100	189047	20.0	19.2	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	403715	20.0	21.0	
120 p-Diethylbenzene	119	11.089	11.089	0.000	93	225752	20.0	20.5	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	213541	20.0	20.2	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	98	227501	20.0	22.6	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.574	-0.008	98	387747	20.0	20.3	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	91	17284	20.0	15.8	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	97	184216	20.0	22.5	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	180388	20.0	23.5	
127 Hexachlorobutadiene	225	12.190	12.199	-0.009	97	74679	20.0	24.5	
128 Naphthalene	128	12.305	12.305	0.000	99	389491	20.0	23.8	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	165460	20.0	23.9	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 131 Xylenes, Total	100				0		40.0	42.4	

### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72933.D

Injection Date: 30-Oct-2018 05:31:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

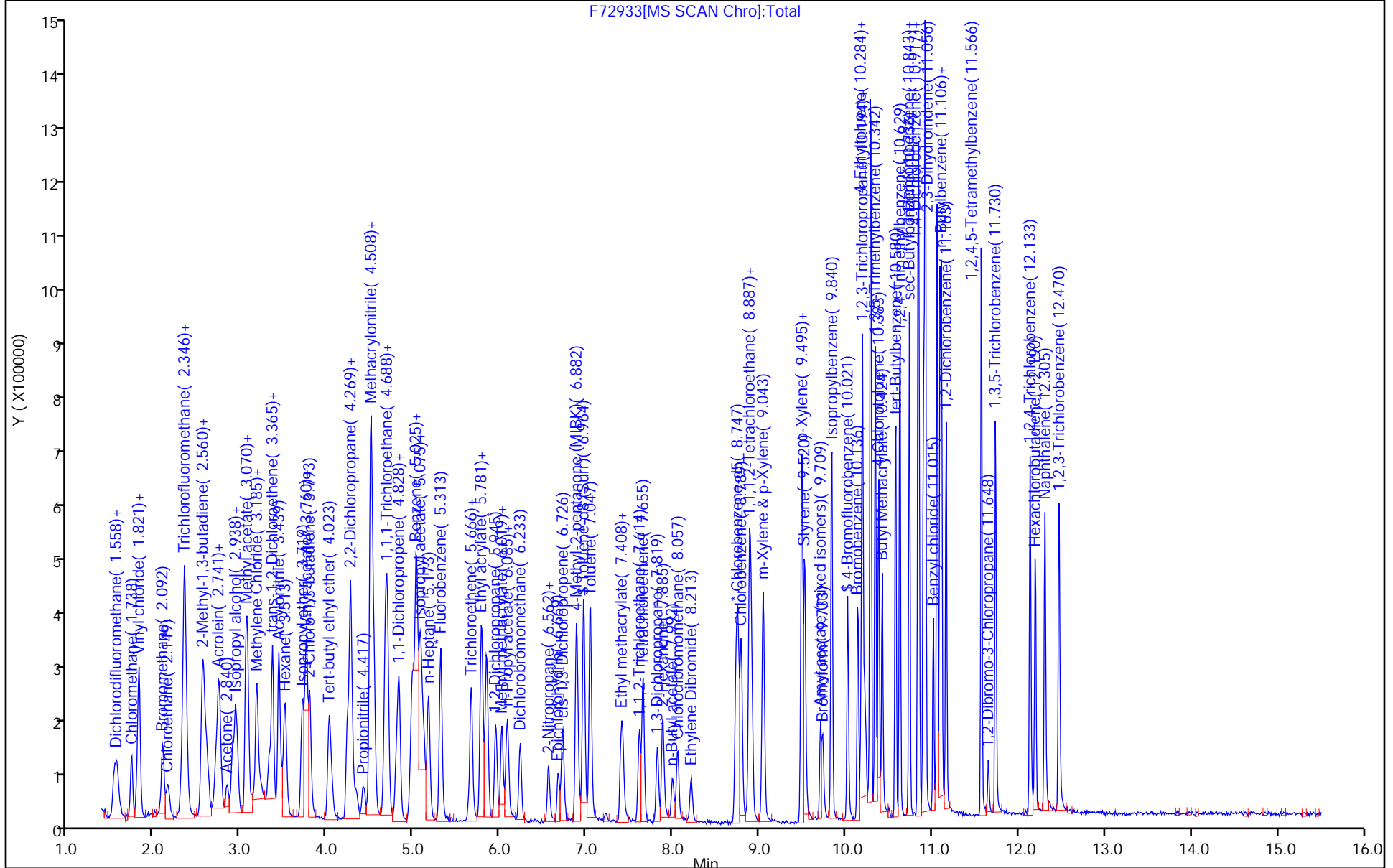
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-564124/5  
 Matrix: Water Lab File ID: F72905.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 18:06  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.43
75-34-3	1,1-Dichloroethane	19.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.9		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	23.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.3		1.0	0.43
107-06-2	1,2-Dichloroethane	20.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.7		1.0	0.76
78-93-3	2-Butanone (MEK)	111		5.0	1.9
591-78-6	2-Hexanone	97.6		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	2.7
67-64-1	Acetone	74.3		5.0	5.0
71-43-2	Benzene	20.5		1.0	0.43
75-25-2	Bromoform	22.2		1.0	0.54
74-83-9	Bromomethane	16.3		1.0	1.0
75-15-0	Carbon disulfide	19.5		1.0	0.16
56-23-5	Carbon tetrachloride	20.9		1.0	0.21
108-90-7	Chlorobenzene	21.0		1.0	0.38
74-97-5	Chlorobromomethane	22.1		1.0	0.41
124-48-1	Chlorodibromomethane	21.7		1.0	0.28
75-00-3	Chloroethane	15.2		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	13.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.4		1.0	0.46
110-82-7	Cyclohexane	19.3		1.0	0.32
75-27-4	Dichlorobromomethane	20.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.5		1.0	0.12
100-41-4	Ethylbenzene	21.4		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-564124/5  
 Matrix: Water Lab File ID: F72905.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 18:06  
 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.: 564124 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	21.0		1.0	0.50
98-82-8	Isopropylbenzene	20.6		1.0	0.34
79-20-9	Methyl acetate	29.8		5.0	0.31
1634-04-4	Methyl tert-butyl ether	18.3		1.0	0.47
108-87-2	Methylcyclohexane	19.7		1.0	0.26
75-09-2	Methylene Chloride	19.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.7		1.0	0.30
95-47-6	o-Xylene	20.5		1.0	0.36
100-42-5	Styrene	20.4		1.0	0.42
127-18-4	Tetrachloroethene	23.4		1.0	0.25
108-88-3	Toluene	20.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.49
79-01-6	Trichloroethene	21.5		1.0	0.31
75-69-4	Trichlorofluoromethane	19.1		1.0	0.14
75-01-4	Vinyl chloride	14.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	114		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72905.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 29-Oct-2018 18:06:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCSD  
 Misc. Info.: 460-0081094-005  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 31-Oct-2018 11:56:36 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0303

First Level Reviewer: parekhv

Date: 29-Oct-2018 21:17:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	86	77589	20.0	22.9	
2 Dichlorodifluoromethane	85	1.566	1.566	0.000	98	127181	20.0	16.5	
3 Chloromethane	50	1.747	1.738	0.009	98	122934	20.0	13.5	
5 Butadiene	54	1.829	1.821	0.008	92	103151	20.0	12.8	
4 Vinyl chloride	62	1.837	1.829	0.008	98	130885	20.0	14.5	
6 Bromomethane	94	2.100	2.100	0.000	99	103012	20.0	16.3	
7 Chloroethane	64	2.166	2.166	0.000	99	77814	20.0	15.2	
8 Dichlorofluoromethane	67	2.347	2.338	0.009	98	202054	20.0	18.0	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	64	154204	20.0	19.1	
10 Pentane	72	2.363	2.355	0.008	96	36468	40.0	46.3	
12 Ethyl ether	59	2.544	2.552	-0.008	92	70459	20.0	17.2	
11 Ethanol	46	2.552	2.560	-0.008	68	7569	800.0	526.2	
13 2-Methyl-1,3-butadiene	53	2.568	2.568	0.000	92	81448	20.0	16.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.610	2.601	0.009	84	94605	20.0	20.2	
15 Acrolein	56	2.725	2.724	0.001	37	17081	40.0	29.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.741	2.733	0.008	99	106690	20.0	21.4	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	96	103350	20.0	19.9	
18 Acetone	43	2.848	2.839	0.009	88	103175	100.0	74.3	
19 Iodomethane	142	2.914	2.905	0.009	97	195505	20.0	21.5	
21 Carbon disulfide	76	2.955	2.946	0.009	98	378526	20.0	19.5	
20 Isopropyl alcohol	45	2.955	2.946	0.009	28	37959	200.0	188.2	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	96	169196	20.0	17.0	
24 Methyl acetate	43	3.070	3.070	0.000	96	98252	40.0	29.8	
23 Cyclopentene	67	3.086	3.086	0.000	96	233903	20.0	17.7	
25 Acetonitrile	41	3.152	3.144	0.008	19	78616	200.0	167.7	a
27 Methylene Chloride	84	3.193	3.185	0.008	87	117614	20.0	19.4	
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	132642	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.267	3.250	0.017	97	53445	200.0	147.4	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	97	219681	20.0	18.3	
30 trans-1,2-Dichloroethene	96	3.374	3.374	0.000	90	114807	20.0	21.4	
31 Acrylonitrile	53	3.448	3.439	0.009	98	315682	200.0	198.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.513	0.000	89	82643	20.0	17.1	
33 Isopropyl ether	45	3.719	3.719	0.000	95	286922	20.0	17.5	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	179629	20.0	19.4	
35 Vinyl acetate	86	3.768	3.768	0.000	99	35209	40.0	41.5	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	86	97872	20.0	21.5	
37 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	89	252365	20.0	17.9	
* 38 2-Butanone-d5	46	4.236	4.228	0.008	0	137657	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.261	-0.008	90	36969	20.0	18.6	
40 cis-1,2-Dichloroethene	96	4.269	4.269	0.000	99	125225	20.0	21.4	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	41093	100.0	111.2	
42 Ethyl acetate	70	4.278	4.286	-0.008	94	15860	40.0	43.4	
43 Methyl acrylate	55	4.343	4.335	0.008	98	54585	20.0	17.5	a
44 Propionitrile	54	4.425	4.425	0.000	98	98188	200.0	245.9	
45 Chlorobromomethane	128	4.499	4.499	0.000	76	58895	20.0	22.1	
46 Tetrahydrofuran	72	4.508	4.508	0.000	55	20591	40.0	41.4	
47 Methacrylonitrile	67	4.516	4.508	0.008	87	318254	200.0	198.5	
48 Chloroform	83	4.541	4.549	-0.009	99	167892	20.0	19.7	
49 Cyclohexane	84	4.672	4.672	0.000	87	164254	20.0	19.3	
50 1,1,1-Trichloroethane	97	4.688	4.688	0.000	99	154278	20.0	20.3	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	107641	50.0	56.7	
52 Carbon tetrachloride	117	4.803	4.812	-0.009	97	130259	20.0	20.9	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	129689	20.0	20.5	
54 Isobutyl alcohol	43	4.992	4.984	0.008	88	108328	500.0	547.5	
55 Benzene	78	5.034	5.033	0.001	95	396299	20.0	20.5	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	96896	50.0	51.7	
57 Isopropyl acetate	43	5.083	5.074	0.009	96	210112	20.0	17.2	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	89	287681	20.0	18.3	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	104077	20.0	20.5	
60 n-Heptane	57	5.173	5.173	0.000	89	73603	20.0	19.6	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	383601	50.0	50.0	
62 n-Butanol	56	5.642	5.641	0.001	84	22476	500.0	378.4	
63 Trichloroethene	95	5.666	5.666	0.000	96	97283	20.0	21.5	
65 Ethyl acrylate	55	5.789	5.781	0.008	92	196687	20.0	18.1	
64 Methylcyclohexane	83	5.789	5.789	0.000	90	186093	20.0	19.7	
69 1,4-Dioxane	88	5.847	5.847	0.000	26	8800	400.0	276.5	
66 1,2-Dichloropropane	63	5.946	5.954	-0.008	93	92834	20.0	19.5	
* 67 1,4-Dioxane-d8	96	6.020	6.011	0.009	0	14464	1000.0	1000.0	
68 Methyl methacrylate	100	6.020	6.019	0.001	83	39264	40.0	42.4	
70 n-Propyl acetate	43	6.077	6.077	0.000	84	74564	20.0	19.2	
71 Dibromomethane	93	6.085	6.085	0.000	93	56651	20.0	21.6	
72 Dichlorobromomethane	83	6.233	6.233	0.000	98	115803	20.0	20.0	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	80	37991	20.0	16.7	
73 2-Nitropropane	41	6.562	6.562	0.000	80	24923	40.0	29.6	
75 Epichlorohydrin	57	6.677	6.677	0.000	99	118725	400.0	453.2	a
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	88	126709	20.0	20.4	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.882	0.000	93	314596	100.0	110.2	
\$ 78 Toluene-d8 (Surr)	98	6.973	6.964	0.009	99	353322	50.0	53.4	
79 Toluene	91	7.047	7.047	0.000	93	375948	20.0	20.4	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	97	95294	20.0	19.1	
81 Ethyl methacrylate	69	7.416	7.425	-0.008	84	88245	20.0	18.0	
82 1,1,2-Trichloroethane	83	7.605	7.614	-0.009	95	60912	20.0	19.2	
83 Tetrachloroethene	166	7.655	7.655	0.000	95	102886	20.0	23.4	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.827	7.819	0.008	89	111559	20.0	20.4	
85 2-Hexanone	43	7.885	7.885	0.000	94	150432	100.0	97.6	
86 n-Butyl acetate	43	7.992	8.000	-0.008	97	93143	20.0	18.5	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	81771	20.0	21.7	
88 Ethylene Dibromide	107	8.213	8.213	0.000	98	64481	20.0	21.0	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	250230	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	97	232721	20.0	21.0	
91 Ethylbenzene	106	8.887	8.887	0.000	97	141447	20.0	21.4	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.904	0.008	94	98940	20.0	22.0	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	172063	20.0	20.7	
94 n-Butyl acrylate	73	9.487	9.487	0.000	99	55106	20.0	16.9	
95 o-Xylene	106	9.495	9.495	0.000	95	179260	20.0	20.5	
96 Styrene	104	9.528	9.528	0.000	98	263417	20.0	20.4	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	91	110787	20.0	19.2	
98 Bromoform	173	9.734	9.733	0.001	98	54479	20.0	22.2	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	447956	20.0	20.6	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	96	109573	50.0	56.9	
101 Bromobenzene	156	10.144	10.144	0.000	94	107854	20.0	22.2	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	96159	20.0	19.8	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	512188	20.0	20.1	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	91	27895	20.0	20.1	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	82	17705	20.0	14.3	
106 2-Chlorotoluene	91	10.292	10.284	0.008	90	345831	20.0	19.6	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	435243	20.0	20.6	
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	94	380564	20.0	20.2	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	299800	20.0	19.9	
110 Butyl Methacrylate	87	10.424	10.424	0.000	85	119764	20.0	18.2	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	306208	20.0	21.2	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	390645	20.0	20.0	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	484749	20.0	21.0	
114 4-Isopropyltoluene	119	10.835	10.835	0.000	98	413619	20.0	20.8	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	98	216742	20.0	21.4	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	92	142049	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	223011	20.0	21.7	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	397671	20.0	20.1	
118 Benzyl chloride	91	11.015	11.015	0.000	100	188263	20.0	18.8	
119 2,3-Dihydroindene	117	11.057	11.056	0.001	94	414190	20.0	21.2	
120 p-Diethylbenzene	119	11.089	11.089	0.000	93	235815	20.0	21.0	
121 n-Butylbenzene	92	11.106	11.106	0.000	97	219370	20.0	20.4	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	98	228911	20.0	22.3	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.574	-0.008	99	388235	20.0	20.0	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.656	-0.008	93	18151	20.0	16.3	
125 1,3,5-Trichlorobenzene	180	11.730	11.738	-0.008	98	188496	20.0	22.6	
126 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	94	178237	20.0	22.8	
127 Hexachlorobutadiene	225	12.190	12.199	-0.009	96	74808	20.0	24.1	
128 Naphthalene	128	12.305	12.314	-0.009	99	383571	20.0	23.1	
129 1,2,3-Trichlorobenzene	180	12.470	12.478	-0.008	95	163059	20.0	23.2	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 131 Xylenes, Total	100				0		40.0	41.2	

### QC Flag Legend

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81094.b\F72905.D

Injection Date: 29-Oct-2018 18:06:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

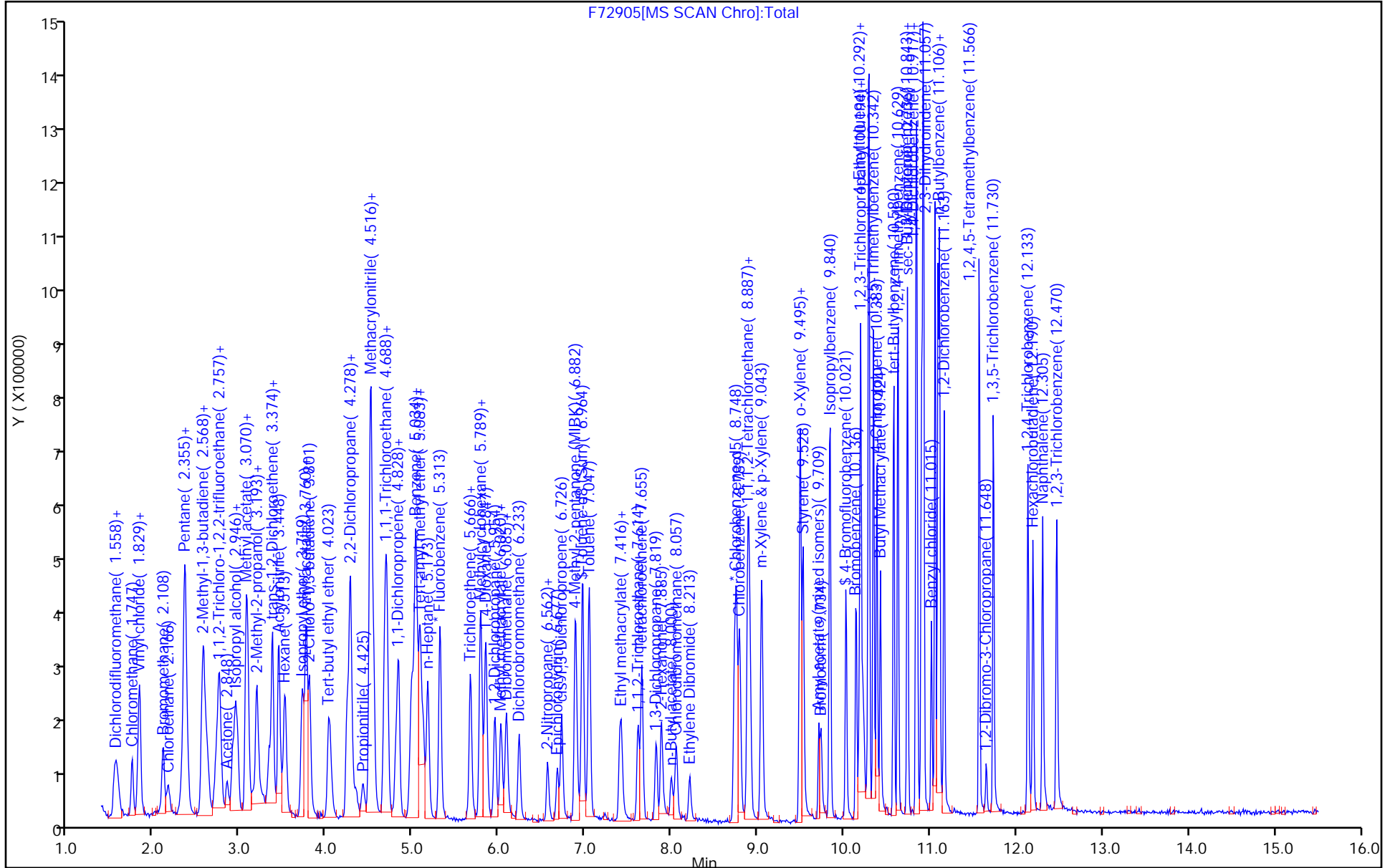
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



F72905[MS SCAN Chro]:Total

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-564222/5  
 Matrix: Water Lab File ID: F72934.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 05:55  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.43
75-34-3	1,1-Dichloroethane	19.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.7		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	23.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.6		1.0	0.43
107-06-2	1,2-Dichloroethane	19.6		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.0		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.1		1.0	0.76
78-93-3	2-Butanone (MEK)	119		5.0	1.9
591-78-6	2-Hexanone	100		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	2.7
67-64-1	Acetone	79.6		5.0	5.0
71-43-2	Benzene	19.7		1.0	0.43
75-25-2	Bromoform	23.2		1.0	0.54
74-83-9	Bromomethane	19.4		1.0	1.0
75-15-0	Carbon disulfide	19.4		1.0	0.16
56-23-5	Carbon tetrachloride	21.3		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
74-97-5	Chlorobromomethane	22.9		1.0	0.41
124-48-1	Chlorodibromomethane	21.9		1.0	0.28
75-00-3	Chloroethane	17.9		1.0	0.32
67-66-3	Chloroform	20.0		1.0	0.33
74-87-3	Chloromethane	16.1		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.46
110-82-7	Cyclohexane	19.4		1.0	0.32
75-27-4	Dichlorobromomethane	20.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.1		1.0	0.12
100-41-4	Ethylbenzene	21.0		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-564222/5  
 Matrix: Water Lab File ID: F72934.D  
 Analysis Method: 8260C Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2018 05:55  
 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.: 564222 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	22.1		1.0	0.50
98-82-8	Isopropylbenzene	20.2		1.0	0.34
79-20-9	Methyl acetate	32.9		5.0	0.31
1634-04-4	Methyl tert-butyl ether	19.8		1.0	0.47
108-87-2	Methylcyclohexane	19.2		1.0	0.26
75-09-2	Methylene Chloride	20.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.6		1.0	0.30
95-47-6	o-Xylene	20.5		1.0	0.36
100-42-5	Styrene	20.3		1.0	0.42
127-18-4	Tetrachloroethene	23.0		1.0	0.25
108-88-3	Toluene	20.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.49
79-01-6	Trichloroethene	21.7		1.0	0.31
75-69-4	Trichlorofluoromethane	21.8		1.0	0.14
75-01-4	Vinyl chloride	17.2		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	113		77-124
1868-53-7	Dibromofluoromethane (Surr)	115		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72934.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 30-Oct-2018 05:55:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCSD  
 Misc. Info.: 460-0081111-005  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 17:32:52 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0304

First Level Reviewer: baronm

Date: 30-Oct-2018 17:29:06

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.549	-0.008	86	68082	20.0	20.5	
2 Dichlorodifluoromethane	85	1.574	1.582	-0.008	98	158915	20.0	21.1	
3 Chloromethane	50	1.738	1.747	-0.009	99	143949	20.0	16.1	
5 Butadiene	54	1.812	1.829	-0.017	91	124511	20.0	15.8	
4 Vinyl chloride	62	1.829	1.837	-0.008	97	151568	20.0	17.2	
6 Bromomethane	94	2.100	2.108	-0.008	98	119915	20.0	19.4	
7 Chloroethane	64	2.158	2.174	-0.016	98	89462	20.0	17.9	
8 Dichlorofluoromethane	67	2.338	2.347	-0.008	98	226896	20.0	20.6	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	69	171919	20.0	21.8	
10 Pentane	72	2.355	2.363	-0.008	95	34862	40.0	39.3	
12 Ethyl ether	59	2.544	2.552	-0.008	94	69262	20.0	17.3	
11 Ethanol	46	2.536	2.552	-0.016	75	12929	800.0	798.2	
13 2-Methyl-1,3-butadiene	53	2.560	2.577	-0.017	91	74923	20.0	15.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.593	2.609	-0.016	87	92205	20.0	20.2	
15 Acrolein	56	2.716	2.733	-0.017	39	21339	40.0	32.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.725	2.733	-0.008	98	104682	20.0	21.5	
17 1,1-Dichloroethene	96	2.749	2.757	-0.008	95	99708	20.0	19.7	
18 Acetone	43	2.840	2.848	-0.008	91	111903	100.0	79.6	
19 Iodomethane	142	2.905	2.913	-0.008	96	197627	20.0	22.3	
20 Isopropyl alcohol	45	2.955	2.946	0.009	26	44480	200.0	195.8	
21 Carbon disulfide	76	2.946	2.955	-0.009	98	367110	20.0	19.4	
22 3-Chloro-1-propene	41	3.053	3.061	-0.008	95	158787	20.0	16.3	
24 Methyl acetate	43	3.070	3.078	-0.008	99	105875	40.0	32.9	
23 Cyclopentene	67	3.078	3.086	-0.008	96	230540	20.0	17.8	
25 Acetonitrile	41	3.135	3.144	-0.009	91	119675	200.0	226.6	a
27 Methylene Chloride	84	3.185	3.193	-0.008	89	119841	20.0	20.2	
* 26 TBA-d9 (IS)	65	3.209	3.201	0.008	0	149367	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.250	3.250	0.000	91	76342	200.0	187.0	
29 Methyl tert-butyl ether	73	3.333	3.341	-0.008	96	232875	20.0	19.8	
30 trans-1,2-Dichloroethene	96	3.365	3.374	-0.009	90	110965	20.0	21.1	
31 Acrylonitrile	53	3.439	3.448	-0.009	96	312520	200.0	200.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.522	-0.009	88	77011	20.0	16.4	
33 Isopropyl ether	45	3.711	3.719	-0.008	95	278519	20.0	17.4	
34 1,1-Dichloroethane	63	3.752	3.760	-0.008	99	176099	20.0	19.5	
35 Vinyl acetate	86	3.768	3.768	0.000	99	34067	40.0	41.0	
36 2-Chloro-1,3-butadiene	88	3.793	3.801	-0.008	88	92734	20.0	20.8	
37 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	90	253626	20.0	18.4	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	139509	250.0	250.0	
39 2,2-Dichloropropane	97	4.236	4.253	-0.017	89	36296	20.0	18.7	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	99	121282	20.0	21.2	
41 2-Butanone (MEK)	72	4.286	4.286	0.000	97	44379	100.0	118.5	
42 Ethyl acetate	70	4.278	4.286	-0.008	95	14862	40.0	40.1	
43 Methyl acrylate	55	4.335	4.343	-0.008	98	54154	20.0	17.1	a
44 Propionitrile	54	4.417	4.417	0.000	98	98730	200.0	219.6	
45 Chlorobromomethane	128	4.491	4.499	-0.008	82	59585	20.0	22.9	
46 Tetrahydrofuran	72	4.499	4.508	-0.009	53	22568	40.0	44.8	
47 Methacrylonitrile	67	4.508	4.516	-0.008	87	324062	200.0	206.8	
48 Chloroform	83	4.540	4.549	-0.009	98	166292	20.0	20.0	
49 Cyclohexane	84	4.680	4.680	0.000	88	161313	20.0	19.4	
50 1,1,1-Trichloroethane	97	4.680	4.688	-0.008	96	144718	20.0	19.4	
\$ 51 Dibromofluoromethane (Surr	113	4.697	4.705	-0.008	98	106522	50.0	57.4	
52 Carbon tetrachloride	117	4.803	4.812	-0.009	97	129600	20.0	21.3	
53 1,1-Dichloropropene	75	4.828	4.836	-0.008	98	124262	20.0	20.1	
54 Isobutyl alcohol	43	4.976	4.976	0.000	39	109323	500.0	490.7	
55 Benzene	78	5.025	5.033	-0.008	94	386124	20.0	19.7	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	88540	50.0	48.3	
57 Isopropyl acetate	43	5.075	5.083	-0.008	79	207562	20.0	17.4	
58 Tert-amyl methyl ether	73	5.083	5.083	0.000	91	297966	20.0	19.4	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	95	97264	20.0	19.6	
60 n-Heptane	57	5.173	5.173	0.000	88	69652	20.0	19.0	
* 61 Fluorobenzene	96	5.313	5.313	0.000	100	374865	50.0	50.0	
62 n-Butanol	56	5.642	5.633	0.009	83	30664	500.0	458.4	
63 Trichloroethene	95	5.666	5.666	0.000	96	96003	20.0	21.7	
65 Ethyl acrylate	55	5.781	5.789	-0.008	95	190455	20.0	17.9	
64 Methylcyclohexane	83	5.789	5.789	0.000	89	177624	20.0	19.2	
66 1,2-Dichloropropane	63	5.946	5.954	-0.008	94	91481	20.0	19.7	
* 67 1,4-Dioxane-d8	96	6.011	6.011	0.000	0	16953	1000.0	1000.0	
68 Methyl methacrylate	100	6.020	6.019	0.001	82	39057	40.0	43.1	
69 1,4-Dioxane	88	6.069	6.077	-0.008	27	17368	400.0	465.6	a
70 n-Propyl acetate	43	6.077	6.077	0.000	98	72575	20.0	19.2	
71 Dibromomethane	93	6.085	6.085	0.000	94	54107	20.0	21.1	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	114163	20.0	20.2	
74 2-Chloroethyl vinyl ether	63	6.562	6.562	0.000	79	38631	20.0	17.4	
73 2-Nitropropane	41	6.562	6.562	0.000	79	24241	40.0	29.5	
75 Epichlorohydrin	57	6.669	6.677	-0.008	99	118735	400.0	447.2	
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	87	126794	20.0	20.1	
77 4-Methyl-2-pentanone (MIBK	43	6.882	6.890	-0.008	93	310735	100.0	107.4	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.009	99	351612	50.0	52.4	
79 Toluene	91	7.047	7.047	0.000	94	374930	20.0	20.1	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	97	96632	20.0	19.1	
81 Ethyl methacrylate	69	7.416	7.416	0.000	87	87373	20.0	17.6	
82 1,1,2-Trichloroethane	83	7.614	7.614	0.000	96	58649	20.0	18.3	
83 Tetrachloroethene	166	7.655	7.655	0.000	95	102348	20.0	23.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.819	7.819	0.000	89	114948	20.0	20.8	
85 2-Hexanone	43	7.877	7.885	-0.008	93	156689	100.0	100.2	
86 n-Butyl acetate	43	8.000	7.992	0.008	98	85794	20.0	16.8	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	83595	20.0	21.9	
88 Ethylene Dibromide	107	8.205	8.213	-0.008	100	68631	20.0	22.1	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	84	253556	50.0	50.0	
90 Chlorobenzene	112	8.789	8.789	0.000	96	233798	20.0	20.8	
91 Ethylbenzene	106	8.887	8.887	0.000	97	140732	20.0	21.0	
92 1,1,1,2-Tetrachloroethane	131	8.904	8.912	-0.008	96	98912	20.0	21.7	
93 m-Xylene & p-Xylene	106	9.043	9.043	0.000	0	174113	20.0	20.6	
94 n-Butyl acrylate	73	9.479	9.479	0.000	99	55622	20.0	16.9	
95 o-Xylene	106	9.495	9.495	0.000	95	181304	20.0	20.5	
96 Styrene	104	9.528	9.528	0.000	97	266819	20.0	20.3	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	92	109984	20.0	17.8	
98 Bromoform	173	9.734	9.734	0.000	98	57822	20.0	23.2	
99 Isopropylbenzene	105	9.840	9.840	0.000	94	445995	20.0	20.2	
\$ 100 4-Bromofluorobenzene	174	10.021	10.021	0.000	97	110159	50.0	56.4	
101 Bromobenzene	156	10.144	10.144	0.000	94	112081	20.0	21.6	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	97	96032	20.0	18.5	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	508593	20.0	18.7	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	95	29277	20.0	19.7	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	79	16662	20.0	12.6	
106 2-Chlorotoluene	91	10.284	10.284	0.000	89	340733	20.0	18.1	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	438876	20.0	19.5	
108 1,3,5-Trimethylbenzene	105	10.342	10.342	0.000	94	375196	20.0	18.7	
109 4-Chlorotoluene	91	10.383	10.383	0.000	95	307571	20.0	19.1	
110 Butyl Methacrylate	87	10.424	10.424	0.000	84	124262	20.0	17.7	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	299757	20.0	19.5	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	387412	20.0	18.6	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	482137	20.0	19.6	
114 4-Isopropyltoluene	119	10.835	10.835	0.000	98	408783	20.0	19.3	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	98	227559	20.0	21.0	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	93	151525	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	231495	20.0	21.1	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	96	406637	20.0	19.2	
118 Benzyl chloride	91	11.015	11.015	0.000	100	196010	20.0	18.3	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	427743	20.0	20.5	
120 p-Diethylbenzene	119	11.089	11.089	0.000	94	237008	20.0	19.8	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	222313	20.0	19.4	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	235896	20.0	21.6	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.574	-0.008	98	401290	20.0	19.4	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	90	18131	20.0	15.2	
125 1,3,5-Trichlorobenzene	180	11.730	11.730	0.000	96	194224	20.0	21.9	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	93	191942	20.0	23.1	
127 Hexachlorobutadiene	225	12.199	12.199	0.000	96	77805	20.0	23.5	
128 Naphthalene	128	12.305	12.305	0.000	99	398071	20.0	22.4	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	173858	20.0	23.2	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 131 Xylenes, Total	100				0		40.0	41.1	



## QC Flag Legend

### Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES Li_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181030-81111.b\F72934.D

Injection Date: 30-Oct-2018 05:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

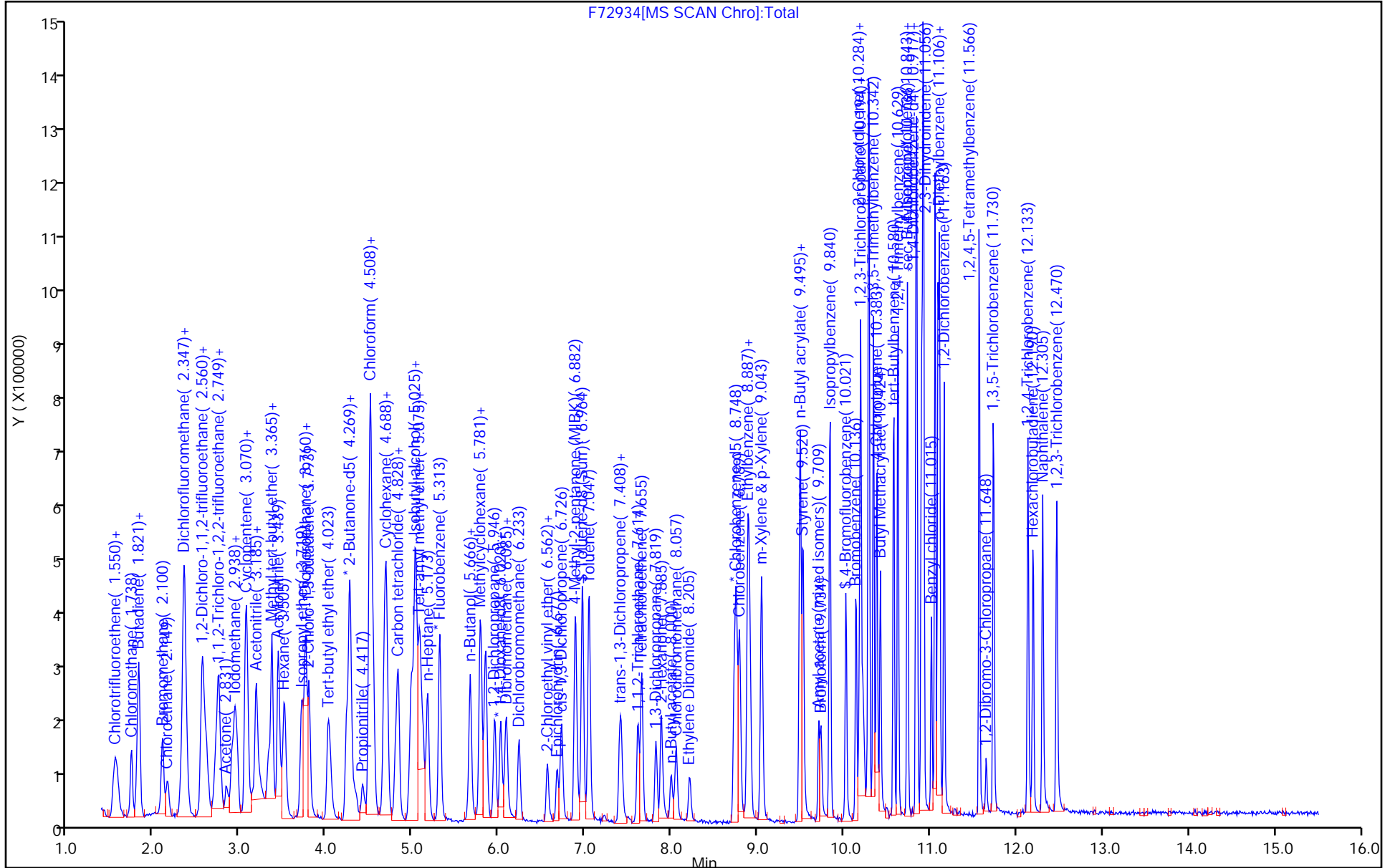
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 MS Lab Sample ID: 460-167890-6 MS  
 Matrix: Water Lab File ID: F72885.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 09:04  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	22.4		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.43
75-34-3	1,1-Dichloroethane	21.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.3		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	22.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.1		1.0	0.43
107-06-2	1,2-Dichloroethane	21.0		1.0	0.43
78-87-5	1,2-Dichloropropane	21.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.7		1.0	0.76
78-93-3	2-Butanone (MEK)	116		5.0	1.9
591-78-6	2-Hexanone	102		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	118		5.0	2.7
67-64-1	Acetone	98.5		5.0	5.0
71-43-2	Benzene	21.2		1.0	0.43
75-25-2	Bromoform	21.9		1.0	0.54
74-83-9	Bromomethane	19.0		1.0	1.0
75-15-0	Carbon disulfide	18.8		1.0	0.16
56-23-5	Carbon tetrachloride	22.3		1.0	0.21
108-90-7	Chlorobenzene	21.1		1.0	0.38
74-97-5	Chlorobromomethane	22.4		1.0	0.41
124-48-1	Chlorodibromomethane	21.7		1.0	0.28
75-00-3	Chloroethane	18.8		1.0	0.32
67-66-3	Chloroform	21.3		1.0	0.33
74-87-3	Chloromethane	16.7		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.46
110-82-7	Cyclohexane	20.2		1.0	0.32
75-27-4	Dichlorobromomethane	21.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.4		1.0	0.12
100-41-4	Ethylbenzene	21.6		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 MS Lab Sample ID: 460-167890-6 MS  
 Matrix: Water Lab File ID: F72885.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 09:04  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	21.7		1.0	0.50
98-82-8	Isopropylbenzene	21.6		1.0	0.34
79-20-9	Methyl acetate	44.4		5.0	0.31
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.47
108-87-2	Methylcyclohexane	20.5		1.0	0.26
75-09-2	Methylene Chloride	20.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.8		1.0	0.30
95-47-6	o-Xylene	20.8		1.0	0.36
100-42-5	Styrene	20.5		1.0	0.42
127-18-4	Tetrachloroethene	31.6		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.49
79-01-6	Trichloroethene	23.6		1.0	0.31
75-69-4	Trichlorofluoromethane	22.6		1.0	0.14
75-01-4	Vinyl chloride	17.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		74-132
460-00-4	4-Bromofluorobenzene	113		77-124
1868-53-7	Dibromofluoromethane (Surr)	114		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72885.D  
 Lims ID: 460-167890-B-6 MS  
 Client ID: MW-10  
 Sample Type: MS  
 Inject. Date: 29-Oct-2018 09:04:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-6 MS  
 Misc. Info.: 460-0081059-015  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:42:20 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:47:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.541	1.541	0.000	87	58681	20.0	18.4	
2 Dichlorodifluoromethane	85	1.566	1.574	-0.008	99	133292	20.0	18.4	
3 Chloromethane	50	1.738	1.747	-0.009	99	142578	20.0	16.7	
5 Butadiene	54	1.821	1.820	0.001	97	120706	20.0	16.0	
4 Vinyl chloride	62	1.829	1.837	-0.008	98	147535	20.0	17.4	
6 Bromomethane	94	2.100	2.108	-0.008	99	112804	20.0	19.0	
7 Chloroethane	64	2.157	2.166	-0.009	99	90528	20.0	18.8	
8 Dichlorofluoromethane	67	2.338	2.346	-0.008	98	224222	20.0	21.2	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	65	170800	20.0	22.6	
10 Pentane	72	2.355	2.363	-0.008	95	34144	40.0	41.3	
11 Ethanol	46	2.544	2.552	-0.008	71	6552	800.0	433.2	
12 Ethyl ether	59	2.544	2.552	-0.008	95	73626	20.0	19.2	
13 2-Methyl-1,3-butadiene	53	2.560	2.576	-0.016	94	77873	20.0	16.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	87	94077	20.0	21.4	
15 Acrolein	56	2.716	2.733	-0.017	39	18066	40.0	29.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	97	104847	20.0	22.4	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	97	98579	20.0	20.3	
18 Acetone	43	2.839	2.848	-0.009	90	137116	100.0	98.5	M
19 Iodomethane	142	2.905	2.913	-0.008	97	182905	20.0	21.5	
21 Carbon disulfide	76	2.946	2.946	0.000	99	343202	20.0	18.8	
20 Isopropyl alcohol	45	2.930	2.963	-0.033	99	517174	200.0	2409.9	
22 3-Chloro-1-propene	41	3.053	3.061	-0.008	98	169500	20.0	18.1	
24 Methyl acetate	43	3.070	3.078	-0.008	99	137435	40.0	44.4	
23 Cyclopentene	67	3.078	3.086	-0.008	94	233073	20.0	18.8	
25 Acetonitrile	41	3.143	3.152	-0.009	88	114419	200.0	232.0	
27 Methylene Chloride	84	3.185	3.193	-0.008	88	117920	20.0	20.7	
* 26 TBA-d9 (IS)	65	3.185	3.201	-0.016	0	139484	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.267	3.250	0.017	92	78852	200.0	206.9	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	225680	20.0	20.0	
30 trans-1,2-Dichloroethene	96	3.365	3.373	-0.008	93	106472	20.0	21.1	
31 Acrylonitrile	53	3.439	3.447	-0.008	97	327722	200.0	219.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.521	-0.008	89	82193	20.0	18.2	
33 Isopropyl ether	45	3.719	3.719	0.000	96	303393	20.0	19.7	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	99	182253	20.0	21.0	
35 Vinyl acetate	86	3.768	3.768	0.000	99	33597	40.0	42.1	
36 2-Chloro-1,3-butadiene	88	3.801	3.801	0.000	88	95685	20.0	22.4	
37 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	90	259696	20.0	19.6	
* 38 2-Butanone-d5	46	4.236	4.236	0.000	0	138615	250.0	250.0	
39 2,2-Dichloropropane	97	4.253	4.253	0.000	91	38414	20.0	20.6	
40 cis-1,2-Dichloroethene	96	4.269	4.277	-0.008	98	119708	20.0	21.8	
42 Ethyl acetate	70	4.277	4.277	0.000	96	26394	40.0	72.2	
41 2-Butanone (MEK)	72	4.286	4.277	0.009	95	43231	100.0	116.2	
43 Methyl acrylate	55	4.335	4.335	0.000	99	55303	20.0	18.6	a
44 Propionitrile	54	4.417	4.417	0.000	97	103301	200.0	246.0	
45 Chlorobromomethane	128	4.499	4.499	0.000	83	56026	20.0	22.4	
46 Tetrahydrofuran	72	4.499	4.507	-0.008	54	21356	40.0	42.6	
47 Methacrylonitrile	67	4.507	4.516	-0.009	89	319100	200.0	212.0	
48 Chloroform	83	4.540	4.549	-0.008	99	170401	20.0	21.3	
49 Cyclohexane	84	4.672	4.680	-0.008	89	161237	20.0	20.2	
50 1,1,1-Trichloroethane	97	4.688	4.696	-0.008	98	147306	20.0	20.6	
\$ 51 Dibromofluoromethane (Surr	113	4.696	4.705	-0.009	97	101313	50.0	56.8	
52 Carbon tetrachloride	117	4.803	4.811	-0.008	96	130235	20.0	22.3	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	126020	20.0	21.2	
54 Isobutyl alcohol	43	4.984	4.984	0.000	93	115827	500.0	556.7	
55 Benzene	78	5.033	5.033	0.000	95	389298	20.0	21.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.042	5.050	-0.008	0	90821	50.0	51.6	
57 Isopropyl acetate	43	5.074	5.083	-0.009	79	222293	20.0	19.4	
58 Tert-amyl methyl ether	73	5.083	5.091	-0.008	96	294861	20.0	20.0	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	96	100024	20.0	21.0	
60 n-Heptane	57	5.173	5.173	0.000	89	73892	20.0	21.0	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	360057	50.0	50.0	
62 n-Butanol	56	5.633	5.641	-0.008	81	29543	500.0	472.9	
63 Trichloroethene	95	5.666	5.666	0.000	97	100448	20.0	23.6	
65 Ethyl acrylate	55	5.781	5.789	-0.008	92	203373	20.0	19.9	
64 Methylcyclohexane	83	5.789	5.789	0.000	91	182315	20.0	20.5	
66 1,2-Dichloropropane	63	5.954	5.954	0.000	96	95635	20.0	21.4	
* 67 1,4-Dioxane-d8	96	6.011	6.028	-0.017	0	13378	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.028	-0.009	88	38737	40.0	44.6	
69 1,4-Dioxane	88	6.077	6.060	0.017	28	13677	400.0	464.7	
70 n-Propyl acetate	43	6.085	6.077	0.008	85	73976	20.0	20.3	
71 Dibromomethane	93	6.085	6.085	0.000	94	52921	20.0	21.5	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	114803	20.0	21.1	
73 2-Nitropropane	41	6.562	6.562	0.000	98	25700	40.0	32.5	
75 Epichlorohydrin	57	6.677	6.677	0.000	98	107297	400.0	406.7	a
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	88	118169	20.0	19.9	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	94	339003	100.0	117.9	
\$ 78 Toluene-d8 (Surr)	98	6.964	6.973	-0.008	99	338146	50.0	53.6	
79 Toluene	91	7.046	7.046	0.000	94	364329	20.0	20.8	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	95487	20.0	20.1	
81 Ethyl methacrylate	69	7.424	7.424	0.000	87	94531	20.0	20.2	
82 1,1,2-Trichloroethane	83	7.613	7.613	0.000	95	60487	20.0	20.0	
83 Tetrachloroethene	166	7.655	7.663	-0.008	96	132418	20.0	31.6	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	111379	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.885	7.885	0.000	93	159143	100.0	102.4	
86 n-Butyl acetate	43	8.000	8.000	0.000	98	106883	20.0	22.3	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	78191	20.0	21.7	
88 Ethylene Dibromide	107	8.213	8.213	0.000	100	63340	20.0	21.7	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	238547	50.0	50.0	
90 Chlorobenzene	112	8.788	8.788	0.000	96	223093	20.0	21.1	
91 Ethylbenzene	106	8.887	8.887	0.000	97	135967	20.0	21.6	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	97	93337	20.0	21.8	
93 m-Xylene & p-Xylene	106	9.043	9.051	-0.008	0	172875	20.0	21.8	
94 n-Butyl acrylate	73	9.487	9.487	0.000	97	58353	20.0	18.8	
95 o-Xylene	106	9.495	9.495	0.000	95	173451	20.0	20.8	
96 Styrene	104	9.528	9.528	0.000	97	253211	20.0	20.5	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	92	127389	20.0	22.6	
98 Bromoform	173	9.733	9.733	0.000	97	51415	20.0	21.9	
99 Isopropylbenzene	105	9.840	9.840	0.000	94	446883	20.0	21.6	
\$ 100 4-Bromofluorobenzene	174	10.021	10.029	-0.008	95	104238	50.0	56.7	
101 Bromobenzene	156	10.144	10.144	0.000	95	105870	20.0	22.3	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	102426	20.0	21.6	
103 N-Propylbenzene	91	10.194	10.194	0.000	100	515545	20.0	20.7	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	92	28686	20.0	21.1	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	80	17240	20.0	14.3	
106 2-Chlorotoluene	91	10.284	10.292	-0.008	90	340867	20.0	19.8	
107 4-Ethyltoluene	105	10.292	10.292	0.000	90	428988	20.0	20.8	
108 1,3,5-Trimethylbenzene	105	10.341	10.341	0.000	95	375200	20.0	20.4	
109 4-Chlorotoluene	91	10.383	10.383	0.000	96	297786	20.0	20.2	
110 Butyl Methacrylate	87	10.424	10.424	0.000	86	124113	20.0	19.3	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	293674	20.0	20.9	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	96	380468	20.0	20.0	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	474087	20.0	21.1	
114 4-Isopropyltoluene	119	10.834	10.834	0.000	97	402508	20.0	20.7	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	98	216320	20.0	21.9	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	92	138698	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	217857	20.0	21.7	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	97	401341	20.0	20.7	
118 Benzyl chloride	91	11.015	11.015	0.000	100	183441	20.0	18.7	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	405325	20.0	21.2	
120 p-Diethylbenzene	119	11.089	11.089	0.000	95	237985	20.0	21.7	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	216743	20.0	20.6	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	221799	20.0	22.1	
123 1,2,4,5-Tetramethylbenzene	119	11.574	11.574	0.000	98	374748	20.0	19.8	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	92	17266	20.0	15.8	
125 1,3,5-Trichlorobenzene	180	11.738	11.738	0.000	97	180934	20.0	22.3	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	169173	20.0	22.2	
127 Hexachlorobutadiene	225	12.198	12.198	0.000	96	70737	20.0	23.3	
128 Naphthalene	128	12.305	12.305	0.000	99	365739	20.0	22.5	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	152799	20.0	22.2	
S 130 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 131 Xylenes, Total	100				0		40.0	42.6	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES LI_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72885.D

Injection Date: 29-Oct-2018 09:04:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-6 MS

Worklist Smp#: 15

Client ID: MW-10

Purge Vol: 5.000 mL

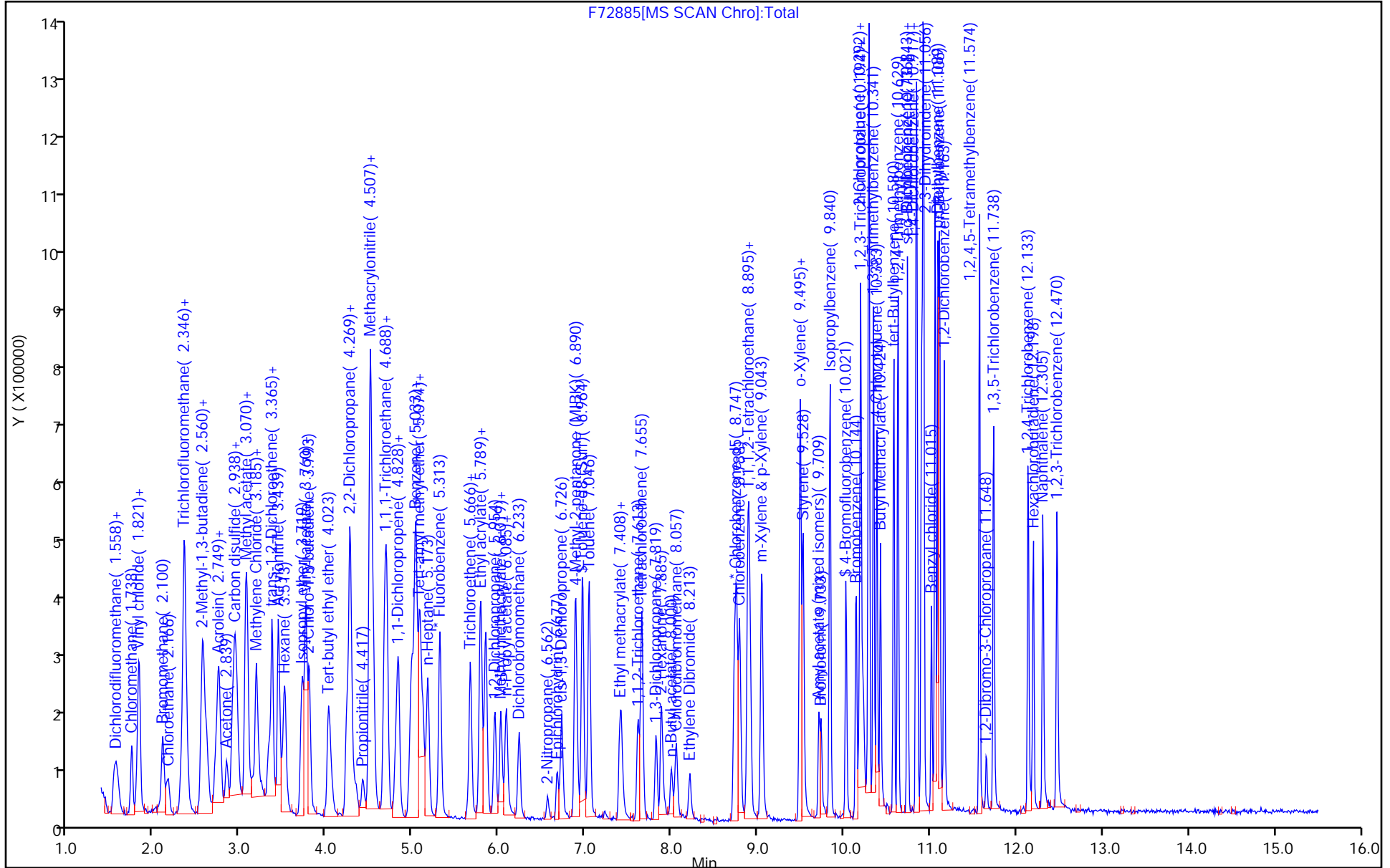
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

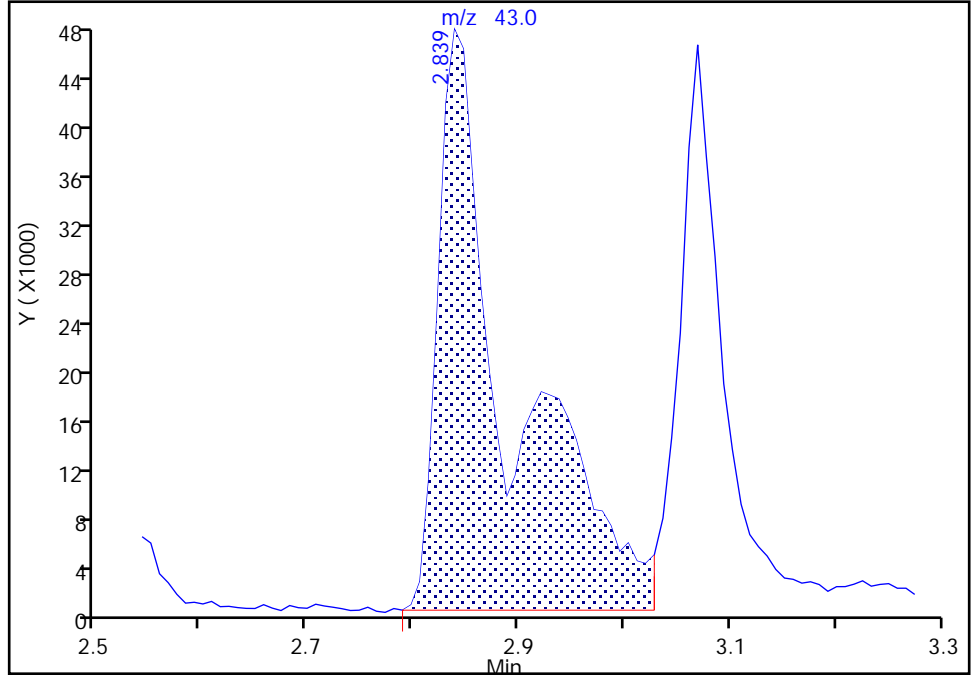
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72885.D  
Injection Date: 29-Oct-2018 09:04:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-6 MS  
Client ID: MW-10  
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

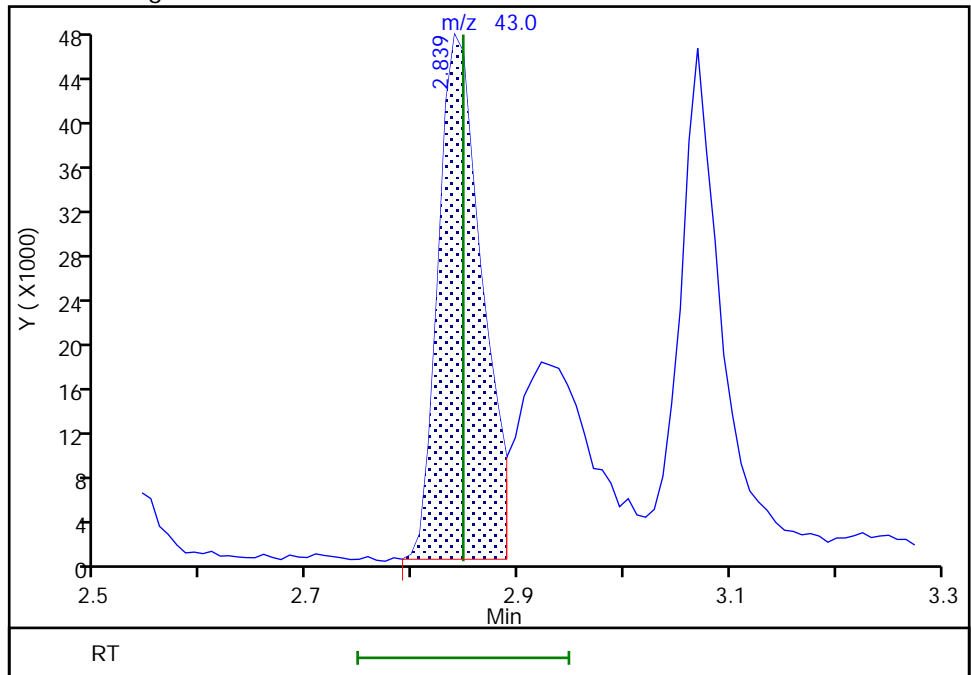
RT: 2.84  
Area: 226851  
Amount: 164.6010  
Amount Units: ug/l

Processing Integration Results



RT: 2.84  
Area: 137116  
Amount: 98.461512  
Amount Units: ug/l

Manual Integration Results



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 MSD Lab Sample ID: 460-167890-6 MSD  
 Matrix: Water Lab File ID: F72886.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 09:28  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.43
75-34-3	1,1-Dichloroethane	18.2		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.12
87-61-6	1,2,3-Trichlorobenzene	19.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	13.9		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.0		1.0	0.43
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	17.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.0		1.0	0.76
78-93-3	2-Butanone (MEK)	95.3		5.0	1.9
591-78-6	2-Hexanone	94.6		5.0	2.9
108-10-1	4-Methyl-2-pentanone (MIBK)	102		5.0	2.7
67-64-1	Acetone	98.8		5.0	5.0
71-43-2	Benzene	18.2		1.0	0.43
75-25-2	Bromoform	20.1		1.0	0.54
74-83-9	Bromomethane	18.7		1.0	1.0
75-15-0	Carbon disulfide	16.7		1.0	0.16
56-23-5	Carbon tetrachloride	19.5		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
74-97-5	Chlorobromomethane	20.4		1.0	0.41
124-48-1	Chlorodibromomethane	19.1		1.0	0.28
75-00-3	Chloroethane	18.5		1.0	0.32
67-66-3	Chloroform	18.1		1.0	0.33
74-87-3	Chloromethane	16.2		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.46
110-82-7	Cyclohexane	17.9		1.0	0.32
75-27-4	Dichlorobromomethane	17.8		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.7		1.0	0.12
100-41-4	Ethylbenzene	18.7		1.0	0.30

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-10 MSD Lab Sample ID: 460-167890-6 MSD  
 Matrix: Water Lab File ID: F72886.D  
 Analysis Method: 8260C Date Collected: 10/24/2018 14:38  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/29/2018 09:28  
 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.: 563951 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	18.9		1.0	0.34
79-20-9	Methyl acetate	42.1		5.0	0.31
1634-04-4	Methyl tert-butyl ether	18.1		1.0	0.47
108-87-2	Methylcyclohexane	18.3		1.0	0.26
75-09-2	Methylene Chloride	18.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.0		1.0	0.30
95-47-6	o-Xylene	18.2		1.0	0.36
100-42-5	Styrene	18.3		1.0	0.42
127-18-4	Tetrachloroethene	29.6		1.0	0.25
108-88-3	Toluene	18.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.49
79-01-6	Trichloroethene	19.1		1.0	0.31
75-69-4	Trichlorofluoromethane	21.8		1.0	0.14
75-01-4	Vinyl chloride	17.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		74-132
460-00-4	4-Bromofluorobenzene	116		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	107		80-120

TestAmerica Edison  
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72886.D  
 Lims ID: 460-167890-B-6 MSD  
 Client ID: MW-10  
 Sample Type: MSD  
 Inject. Date: 29-Oct-2018 09:28:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-167890-B-6 MSD  
 Misc. Info.: 460-0081059-016  
 Operator ID: Instrument ID: CVOAMS6  
 Method: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\8260624W6.m  
 Limit Group: VOA - 8260C Water and Solid  
 Last Update: 30-Oct-2018 11:43:28 Calib Date: 01-Oct-2018 01:15:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS6\20180930-79524.b\F71262.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX0308

First Level Reviewer: parekhv

Date: 29-Oct-2018 19:47:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.549	1.541	0.008	78	51480	20.0	16.6	
2 Dichlorodifluoromethane	85	1.582	1.574	0.008	98	131820	20.0	18.7	
3 Chloromethane	50	1.747	1.747	-0.001	99	135266	20.0	16.2	
5 Butadiene	54	1.829	1.820	0.009	92	118906	20.0	16.2	
4 Vinyl chloride	62	1.837	1.837	0.000	98	143632	20.0	17.5	
6 Bromomethane	94	2.108	2.108	0.000	99	108026	20.0	18.7	
7 Chloroethane	64	2.166	2.166	0.000	98	86494	20.0	18.5	
8 Dichlorofluoromethane	67	2.346	2.346	0.000	98	203345	20.0	19.8	
9 Trichlorofluoromethane	101	2.355	2.355	0.000	77	160299	20.0	21.8	
10 Pentane	72	2.363	2.363	0.000	97	29806	40.0	38.5	
11 Ethanol	46	2.552	2.552	0.000	72	10335	800.0	730.2	
12 Ethyl ether	59	2.552	2.552	0.000	92	59451	20.0	15.9	
13 2-Methyl-1,3-butadiene	53	2.576	2.576	0.000	94	67321	20.0	14.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.609	2.609	0.000	91	81525	20.0	19.1	
15 Acrolein	56	2.733	2.733	0.000	39	15718	40.0	27.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.733	2.733	0.000	98	90299	20.0	19.8	
17 1,1-Dichloroethene	96	2.757	2.757	0.000	95	88571	20.0	18.7	
18 Acetone	43	2.848	2.848	0.000	87	126587	100.0	98.8	M
19 Iodomethane	142	2.913	2.913	0.000	97	163323	20.0	19.7	
21 Carbon disulfide	76	2.954	2.946	0.008	99	296683	20.0	16.7	
20 Isopropyl alcohol	45	2.938	2.963	-0.025	99	482673	200.0	2403.6	
22 3-Chloro-1-propene	41	3.061	3.061	0.000	96	143798	20.0	15.8	
24 Methyl acetate	43	3.078	3.078	0.000	53	126830	40.0	42.1	
23 Cyclopentene	67	3.086	3.086	0.000	92	202751	20.0	16.8	
25 Acetonitrile	41	3.152	3.152	0.000	47	65756	200.0	142.5	a
27 Methylene Chloride	84	3.193	3.193	0.000	89	102492	20.0	18.5	
* 26 TBA-d9 (IS)	65	3.193	3.201	-0.008	0	130516	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.267	3.250	0.017	95	60615	200.0	170.0	
29 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	198666	20.0	18.1	
30 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	91	97549	20.0	19.9	
31 Acrylonitrile	53	3.447	3.447	0.000	95	272293	200.0	187.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.513	3.521	-0.008	89	69422	20.0	15.8	
33 Isopropyl ether	45	3.727	3.719	0.008	94	257710	20.0	17.2	
34 1,1-Dichloroethane	63	3.760	3.760	0.000	98	153655	20.0	18.2	
35 Vinyl acetate	86	3.768	3.768	0.000	100	27940	40.0	36.0	
36 2-Chloro-1,3-butadiene	88	3.809	3.801	0.008	88	80707	20.0	19.4	
37 Tert-butyl ethyl ether	59	4.031	4.031	0.000	91	221896	20.0	17.2	
* 38 2-Butanone-d5	46	4.228	4.236	-0.008	0	127493	250.0	250.0	
39 2,2-Dichloropropane	97	4.261	4.253	0.008	91	31652	20.0	17.5	
40 cis-1,2-Dichloroethene	96	4.277	4.277	0.000	99	103453	20.0	19.3	
42 Ethyl acetate	70	4.286	4.277	0.009	95	22359	40.0	66.4	
41 2-Butanone (MEK)	72	4.286	4.277	0.009	95	32598	100.0	95.3	
43 Methyl acrylate	55	4.343	4.335	0.008	65	41187	20.0	14.3	a
44 Propionitrile	54	4.425	4.417	0.008	98	82095	200.0	209.0	
45 Chlorobromomethane	128	4.499	4.499	0.000	81	49789	20.0	20.4	
46 Tetrahydrofuran	72	4.507	4.507	0.000	56	15475	40.0	33.5	
47 Methacrylonitrile	67	4.516	4.516	0.000	88	262469	200.0	179.2	
48 Chloroform	83	4.548	4.549	0.000	99	140990	20.0	18.1	
49 Cyclohexane	84	4.680	4.680	0.000	89	139065	20.0	17.9	
50 1,1,1-Trichloroethane	97	4.696	4.696	0.000	96	129142	20.0	18.6	
\$ 51 Dibromofluoromethane (Surr	113	4.705	4.705	0.000	98	97729	50.0	56.3	
52 Carbon tetrachloride	117	4.811	4.811	0.000	98	111042	20.0	19.5	
53 1,1-Dichloropropene	75	4.836	4.836	0.000	98	103717	20.0	17.9	
54 Isobutyl alcohol	43	4.992	4.984	0.008	57	92302	500.0	474.1	
55 Benzene	78	5.033	5.033	0.000	96	324888	20.0	18.2	
\$ 56 1,2-Dichloroethane-d4 (Sur	65	5.050	5.050	0.000	0	89260	50.0	52.1	
57 Isopropyl acetate	43	5.083	5.083	0.000	77	177391	20.0	15.9	
58 Tert-amyl methyl ether	73	5.091	5.091	0.000	87	254327	20.0	17.7	
59 1,2-Dichloroethane	62	5.124	5.124	0.000	97	84277	20.0	18.2	
60 n-Heptane	57	5.173	5.173	0.000	87	57803	20.0	16.8	
* 61 Fluorobenzene	96	5.313	5.313	0.000	99	350403	50.0	50.0	
62 n-Butanol	56	5.641	5.641	0.000	87	22183	500.0	379.5	
63 Trichloroethene	95	5.666	5.666	0.000	96	79235	20.0	19.1	
65 Ethyl acrylate	55	5.789	5.789	0.000	91	164420	20.0	16.5	
64 Methylcyclohexane	83	5.789	5.789	0.000	89	158409	20.0	18.3	
66 1,2-Dichloropropane	63	5.945	5.954	-0.009	93	75820	20.0	17.4	
* 67 1,4-Dioxane-d8	96	6.019	6.028	-0.009	0	13083	1000.0	1000.0	
68 Methyl methacrylate	100	6.019	6.028	-0.009	84	30737	40.0	36.3	
69 1,4-Dioxane	88	6.069	6.060	0.009	28	11844	400.0	411.5	
70 n-Propyl acetate	43	6.077	6.077	0.000	84	61406	20.0	17.3	
71 Dibromomethane	93	6.093	6.085	0.008	94	43841	20.0	18.3	
72 Dichlorobromomethane	83	6.233	6.233	0.000	99	93900	20.0	17.8	
73 2-Nitropropane	41	6.570	6.562	0.008	99	22229	40.0	28.9	
75 Epichlorohydrin	57	6.677	6.677	0.000	98	86281	400.0	355.6	a
76 cis-1,3-Dichloropropene	75	6.726	6.726	0.000	88	99524	20.0	17.3	
77 4-Methyl-2-pentanone (MIBK	43	6.890	6.890	0.000	93	268672	100.0	101.6	
\$ 78 Toluene-d8 (Surr)	98	6.972	6.973	0.000	100	328360	50.0	53.7	
79 Toluene	91	7.046	7.046	0.000	93	309460	20.0	18.2	
80 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	96	79583	20.0	17.3	
81 Ethyl methacrylate	69	7.424	7.424	0.000	87	76299	20.0	16.8	
82 1,1,2-Trichloroethane	83	7.613	7.613	0.000	97	52168	20.0	17.8	
83 Tetrachloroethene	166	7.654	7.663	-0.009	95	120032	20.0	29.6	
84 1,3-Dichloropropane	76	7.819	7.819	0.000	91	91262	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.885	7.885	0.000	93	134867	100.0	94.6	
86 n-Butyl acetate	43	8.000	8.000	0.000	98	78085	20.0	16.8	
87 Chlorodibromomethane	129	8.057	8.057	0.000	98	66662	20.0	19.1	
88 Ethylene Dibromide	107	8.213	8.213	0.000	99	55706	20.0	19.7	
* 89 Chlorobenzene-d5	117	8.756	8.756	0.000	83	230960	50.0	50.0	
90 Chlorobenzene	112	8.788	8.788	0.000	97	193935	20.0	18.9	
91 Ethylbenzene	106	8.887	8.887	0.000	97	113757	20.0	18.7	
92 1,1,1,2-Tetrachloroethane	131	8.912	8.912	0.000	97	81943	20.0	19.8	
93 m-Xylene & p-Xylene	106	9.051	9.051	0.000	0	146360	20.0	19.0	
94 n-Butyl acrylate	73	9.487	9.487	0.000	98	47216	20.0	15.7	
95 o-Xylene	106	9.495	9.495	0.000	95	146394	20.0	18.2	
96 Styrene	104	9.528	9.528	0.000	97	218086	20.0	18.3	
97 Amyl acetate (mixed isomer)	43	9.709	9.709	0.000	93	104562	20.0	18.2	
98 Bromoform	173	9.733	9.733	0.000	97	45671	20.0	20.1	
99 Isopropylbenzene	105	9.840	9.840	0.000	95	378969	20.0	18.9	
\$ 100 4-Bromofluorobenzene	174	10.029	10.029	0.000	97	102851	50.0	57.8	
101 Bromobenzene	156	10.144	10.144	0.000	94	94276	20.0	19.5	
102 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	84269	20.0	17.5	
103 N-Propylbenzene	91	10.193	10.194	-0.001	100	432716	20.0	17.1	
104 1,2,3-Trichloropropane	110	10.218	10.218	0.000	95	24931	20.0	18.1	
105 trans-1,4-Dichloro-2-buten	53	10.235	10.235	0.000	92	13945	20.0	11.3	
106 2-Chlorotoluene	91	10.292	10.292	0.000	90	288516	20.0	16.5	
107 4-Ethyltoluene	105	10.292	10.292	0.000	89	359356	20.0	17.1	
108 1,3,5-Trimethylbenzene	105	10.341	10.341	0.000	95	323382	20.0	17.3	
109 4-Chlorotoluene	91	10.382	10.383	-0.001	95	256809	20.0	17.2	
110 Butyl Methacrylate	87	10.424	10.424	0.000	85	104503	20.0	16.0	
111 tert-Butylbenzene	119	10.580	10.580	0.000	96	243082	20.0	17.0	
112 1,2,4-Trimethylbenzene	105	10.629	10.629	0.000	97	329428	20.0	17.0	
113 sec-Butylbenzene	105	10.736	10.736	0.000	99	397933	20.0	17.4	
114 4-Isopropyltoluene	119	10.834	10.834	0.000	98	341039	20.0	17.3	
115 1,3-Dichlorobenzene	146	10.851	10.851	0.000	97	190088	20.0	18.9	
* 116 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	91	140959	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	193309	20.0	19.0	
132 1,2,3-Trimethylbenzene	105	10.925	10.925	0.000	96	341827	20.0	17.4	
118 Benzyl chloride	91	11.015	11.015	0.000	99	159219	20.0	16.0	
119 2,3-Dihydroindene	117	11.056	11.056	0.000	94	355698	20.0	18.3	
120 p-Diethylbenzene	119	11.089	11.089	0.000	93	208156	20.0	18.7	
121 n-Butylbenzene	92	11.106	11.106	0.000	98	188998	20.0	17.7	
122 1,2-Dichlorobenzene	146	11.163	11.163	0.000	97	193589	20.0	19.0	
123 1,2,4,5-Tetramethylbenzene	119	11.566	11.574	-0.008	98	333263	20.0	17.3	
124 1,2-Dibromo-3-Chloropropan	75	11.648	11.648	0.000	94	15441	20.0	13.9	
125 1,3,5-Trichlorobenzene	180	11.738	11.738	0.000	96	155006	20.0	18.8	
126 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	153548	20.0	19.8	
127 Hexachlorobutadiene	225	12.198	12.198	0.000	97	64434	20.0	20.9	
128 Naphthalene	128	12.305	12.305	0.000	100	330023	20.0	20.0	
129 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	136733	20.0	19.6	
S 130 1,2-Dichloroethene, Total	100				0		40.0	39.2	
S 131 Xylenes, Total	100				0		40.0	37.2	

### QC Flag Legend

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00087	Amount Added: 20.00	Units: uL	
ACROLEIN W_00082	Amount Added: 4.00	Units: uL	
GASES LI_00283	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00013	Amount Added: 5.00	Units: uL	Run Reagent



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72886.D

Injection Date: 29-Oct-2018 09:28:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-167890-B-6 MSD

Worklist Smp#: 16

Client ID: MW-10

Purge Vol: 5.000 mL

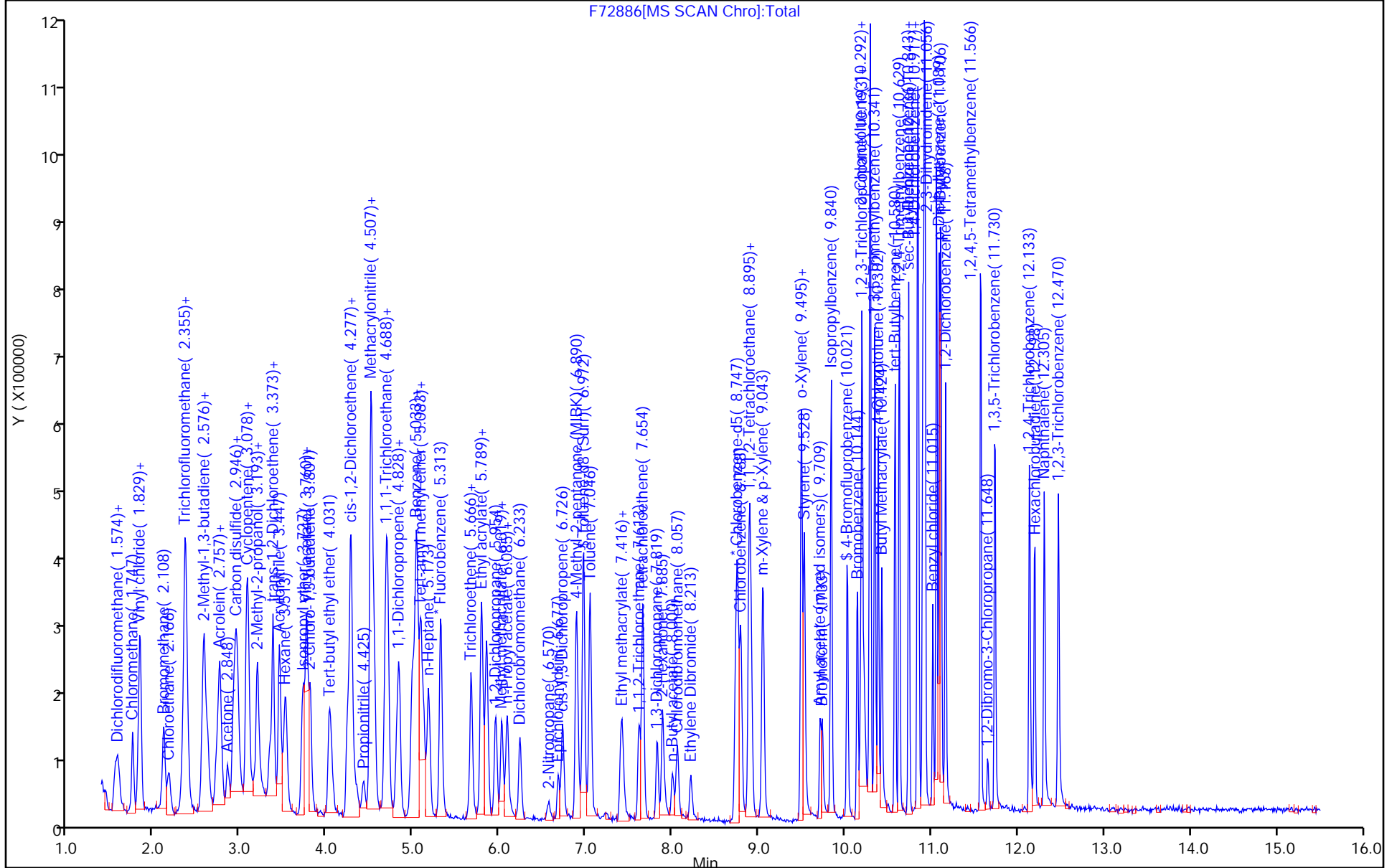
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 ( 0.25 mm)



TestAmerica Edison

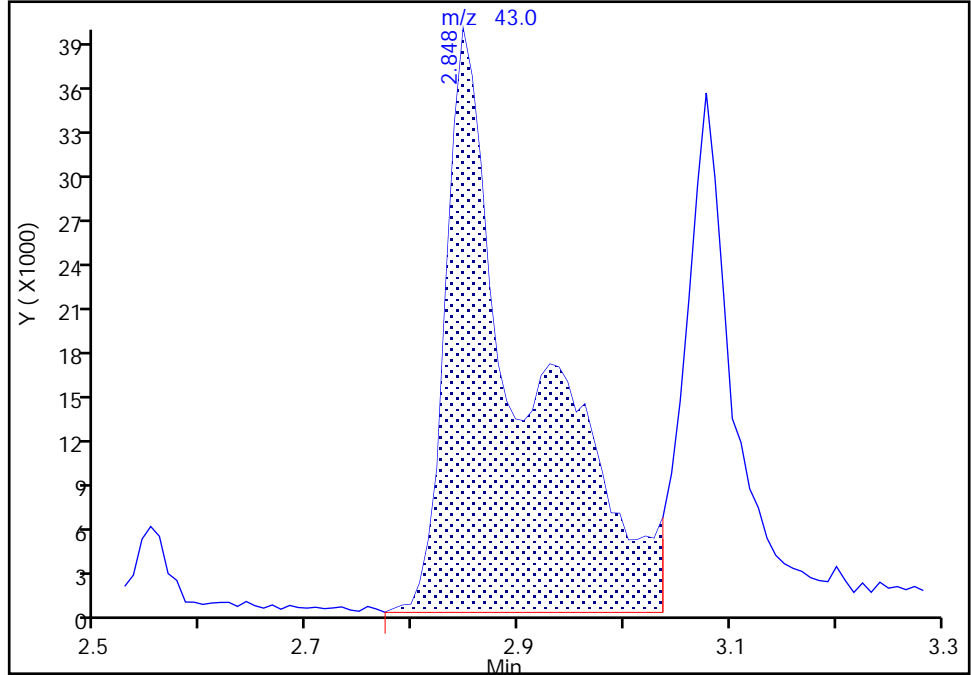
Data File: \\ChromNA\Edison\ChromData\CVOAMS6\20181029-81059.b\F72886.D  
Injection Date: 29-Oct-2018 09:28:30 Instrument ID: CVOAMS6  
Lims ID: 460-167890-B-6 MSD  
Client ID: MW-10  
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid  
Column: Rtx-624 ( 0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

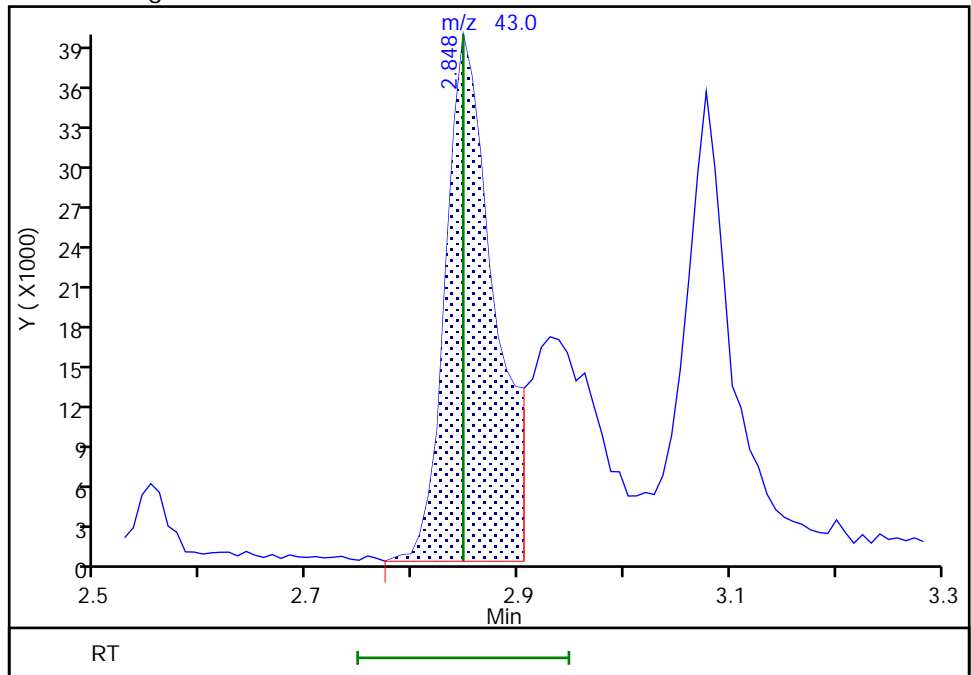
RT: 2.85  
Area: 208467  
Amount: 164.4534  
Amount Units: ug/l

Processing Integration Results



RT: 2.85  
Area: 126587  
Amount: 98.836375  
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 30-Oct-2018 11:42:49  
Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 Start Date: 09/30/2018 22:06Analysis Batch Number: 556327 End Date: 10/01/2018 07:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-556327/1		09/30/2018 22:06	1	F71254.D	Rtx-624 0.25 (mm)
STD7 460-556327/3 IC		09/30/2018 22:53	1	F71256.D	Rtx-624 0.25 (mm)
STD1 460-556327/4 IC		09/30/2018 23:17	1	F71257.D	Rtx-624 0.25 (mm)
STD5 460-556327/5 IC		09/30/2018 23:40	1	F71258.D	Rtx-624 0.25 (mm)
STD20 460-556327/6 ICIS		10/01/2018 00:04	1	F71259.D	Rtx-624 0.25 (mm)
STD50 460-556327/7 IC		10/01/2018 00:28	1	F71260.D	Rtx-624 0.25 (mm)
STD200 460-556327/8 IC		10/01/2018 00:51	1	F71261.D	Rtx-624 0.25 (mm)
STD500 460-556327/9 IC		10/01/2018 01:15	1	F71262.D	Rtx-624 0.25 (mm)
ICV 460-556327/15		10/01/2018 07:10	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 Start Date: 10/29/2018 03:33

Analysis Batch Number: 563951 End Date: 10/29/2018 14:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-563951/1		10/29/2018 03:33	1	F72871.D	Rtx-624 0.25 (mm)
CCVIS 460-563951/3		10/29/2018 04:19	1	F72873.D	Rtx-624 0.25 (mm)
LCS 460-563951/4		10/29/2018 04:43	1	F72874.D	Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 05:06	1		Rtx-624 0.25 (mm)
MB 460-563951/8		10/29/2018 06:18	1	F72878.D	Rtx-624 0.25 (mm)
460-167890-15		10/29/2018 06:42	1	F72879.D	Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 07:05	1		Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 07:29	1		Rtx-624 0.25 (mm)
460-167890-6		10/29/2018 07:53	1	F72882.D	Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 08:17	10		Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 08:41	5		Rtx-624 0.25 (mm)
460-167890-6 MS		10/29/2018 09:04	1	F72885.D	Rtx-624 0.25 (mm)
460-167890-6 MSD		10/29/2018 09:28	1	F72886.D	Rtx-624 0.25 (mm)
460-167890-1		10/29/2018 10:16	1	F72888.D	Rtx-624 0.25 (mm)
460-167890-2		10/29/2018 10:40	1	F72889.D	Rtx-624 0.25 (mm)
460-167890-3		10/29/2018 11:03	1	F72890.D	Rtx-624 0.25 (mm)
460-167890-4		10/29/2018 11:26	1	F72891.D	Rtx-624 0.25 (mm)
460-167890-9		10/29/2018 13:02	1	F72895.D	Rtx-624 0.25 (mm)
460-167890-10		10/29/2018 13:25	1	F72896.D	Rtx-624 0.25 (mm)
460-167890-12		10/29/2018 14:12	1	F72898.D	Rtx-624 0.25 (mm)
460-167890-13		10/29/2018 14:36	1	F72899.D	Rtx-624 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 Start Date: 10/29/2018 16:31Analysis Batch Number: 564124 End Date: 10/30/2018 02:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-564124/1		10/29/2018 16:31	1	F72901.D	Rtx-624 0.25 (mm)
CCVIS 460-564124/3		10/29/2018 17:18	1	F72903.D	Rtx-624 0.25 (mm)
LCS 460-564124/4		10/29/2018 17:42	1	F72904.D	Rtx-624 0.25 (mm)
LCSD 460-564124/5		10/29/2018 18:06	1	F72905.D	Rtx-624 0.25 (mm)
MB 460-564124/8		10/29/2018 19:24	1	F72908.D	Rtx-624 0.25 (mm)
460-167890-7		10/29/2018 19:48	1	F72909.D	Rtx-624 0.25 (mm)
460-167890-8		10/29/2018 20:11	1	F72910.D	Rtx-624 0.25 (mm)
460-167890-11		10/29/2018 20:35	1	F72911.D	Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 20:58	1		Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 21:22	1		Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 22:10	1		Rtx-624 0.25 (mm)
460-167890-5		10/29/2018 22:57	2	F72917.D	Rtx-624 0.25 (mm)
ZZZZZ		10/29/2018 23:45	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 00:09	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 00:33	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 02:07	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 02:31	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 02:55	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS6 Start Date: 10/30/2018 04:22

Analysis Batch Number: 564222 End Date: 10/30/2018 11:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-564222/1		10/30/2018 04:22	1	F72930.D	Rtx-624 0.25 (mm)
CCVIS 460-564222/3		10/30/2018 05:08	1	F72932.D	Rtx-624 0.25 (mm)
LCS 460-564222/4		10/30/2018 05:31	1	F72933.D	Rtx-624 0.25 (mm)
LCSD 460-564222/5		10/30/2018 05:55	1	F72934.D	Rtx-624 0.25 (mm)
MB 460-564222/8		10/30/2018 07:06	1	F72937.D	Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 08:42	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 09:05	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 09:28	1		Rtx-624 0.25 (mm)
460-167890-14		10/30/2018 09:52	2	F72944.D	Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 10:39	2		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 11:03	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2018 11:27	5		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Batch Number: 563951 Batch Start Date: 10/29/18 03:33 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00087	ACROLEIN W 00082	BFB 00017	GASES Li 00283
BFB 460-563951/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-563951/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-563951/4		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-563951/8		8260C		5 mL	5 mL				
460-167890-B-15	Trip Blank	8260C	T	5 mL	5 mL				
460-167890-B-6	MW-10	8260C	T	5 mL	5 mL				
460-167890-B-6 MS	MW-10	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL
460-167890-B-6 MSD	MW-10	8260C	T	5 mL	5 mL	20 uL	4 uL		20 uL
460-167890-B-1	MW-8S	8260C	T	5 mL	5 mL				
460-167890-B-2	MW-8I	8260C	T	5 mL	5 mL				
460-167890-B-3	MW-8D	8260C	T	5 mL	5 mL				
460-167890-B-4	MW-7	8260C	T	5 mL	5 mL				
460-167890-B-9	MW-11	8260C	T	5 mL	5 mL				
460-167890-B-10	MW-14	8260C	T	5 mL	5 mL				
460-167890-B-12	MW-15I	8260C	T	5 mL	5 mL				
460-167890-B-13	MW-16	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00013					
BFB 460-563951/1		8260C							
CCVIS 460-563951/3		8260C		5 uL					
LCS 460-563951/4		8260C		5 uL					
MB 460-563951/8		8260C		5 uL					
460-167890-B-15	Trip Blank	8260C	T	5 uL					
460-167890-B-6	MW-10	8260C	T	5 uL					
460-167890-B-6 MS	MW-10	8260C	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Batch Number: 563951 Batch Start Date: 10/29/18 03:33 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00013					
460-167890-B-6 MSD	MW-10	8260C	T	5 uL					
460-167890-B-1	MW-8S	8260C	T	5 uL					
460-167890-B-2	MW-8I	8260C	T	5 uL					
460-167890-B-3	MW-8D	8260C	T	5 uL					
460-167890-B-4	MW-7	8260C	T	5 uL					
460-167890-B-9	MW-11	8260C	T	5 uL					
460-167890-B-10	MW-14	8260C	T	5 uL					
460-167890-B-12	MW-15I	8260C	T	5 uL					
460-167890-B-13	MW-16	8260C	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.



GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Batch Number: 564124 Batch Start Date: 10/29/18 16:31 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00087	ACROLEIN W 00082	BFB 00017	GASES Li 00283
BFB 460-564124/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-564124/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-564124/4		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCSD 460-564124/5		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-564124/8		8260C		5 mL	5 mL				
460-167890-A-7	MW-12	8260C	T	5 mL	5 mL				
460-167890-A-8	MW-13	8260C	T	5 mL	5 mL				
460-167890-A-11	MW-15S	8260C	T	5 mL	5 mL				
460-167890-A-5	MW-9	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00013					
BFB 460-564124/1		8260C							
CCVIS 460-564124/3		8260C		5 uL					
LCS 460-564124/4		8260C		5 uL					
LCSD 460-564124/5		8260C		5 uL					
MB 460-564124/8		8260C		5 uL					
460-167890-A-7	MW-12	8260C	T	5 uL					
460-167890-A-8	MW-13	8260C	T	5 uL					
460-167890-A-11	MW-15S	8260C	T	5 uL					
460-167890-A-5	MW-9	8260C	T	5 uL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Batch Number: 564124 Batch Start Date: 10/29/18 16:31 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-167890-1

SDG No.: \_\_\_\_\_

Batch Number: 564222 Batch Start Date: 10/30/18 04:22 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260MIX1COMB 00087	ACROLEIN W 00082	BFB 00017	GASES Li 00283
BFB 460-564222/1		8260C		5 mL	5 mL			1 uL	
CCVIS 460-564222/3		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCS 460-564222/4		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
LCSD 460-564222/5		8260C		5 mL	5 mL	20 uL	4 uL		20 uL
MB 460-564222/8		8260C		5 mL	5 mL				
460-167890-C-14	DUP1	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00013					
BFB 460-564222/1		8260C							
CCVIS 460-564222/3		8260C		5 uL					
LCS 460-564222/4		8260C		5 uL					
LCSD 460-564222/5		8260C		5 uL					
MB 460-564222/8		8260C		5 uL					
460-167890-C-14	DUP1	8260C	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

Chain of Custody Record

<b>Client Information</b> Company: New York State D.E.C. Address: 625 Broadway 12th Floor City: Albany State, Zip: NY, 12233-7017 Phone: 518-402-9617 Email: Matthew.Mashadi@dec.ny.gov Project Name: DEC Gen Uniform Rental; Site: 130056 Site:		Lab PM: Haas, Melissa E-Mail: melissa.haas@testamericainc.com Carrier Tracking No(s): COC No: 460-104451-66867.1 Page: Page 1 of 2 Job #: 167890							
Due Date Requested: TAT Requested (days): 10 PO #: Callout # 136155; Site # 130056 WO #: 5680 Merrick Rd. Massapequa Project #: 46018900 SSOW#:		<b>Analysis Requested</b> Total Number of Containers:							
Sample Date Sample Time Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=oil, B=soil, G=gas, A=air) Preservation Code:		Field Filtered Sample (Yes or No) 8260C - TCL VOCs (minus 1,4-DX) Performance/Spill (Ref No) Special Instructions/Note:							
MW-8S	10/25	9:55	G	Water				3	
MW-8T	10/25	9:45	G	Water				3	
MW-8D	10/25	9:30	G	Water				3	
MW-7	10/24	16:05	G	Water				3	
MW-9	10/24	14:11	G	Water				3	
MW-10	10/24	14:38	G	Water				3	
MW-17	10/24	16:20	G	Water				3	
MW-13	10/24	16:20	G	Water				3	
MW-11	10/24	14:55	G	Water				3	
MW-14	10/24	15:15	G	Water				3	
MW-15S	10/24	15:35	G	Water				3	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:									
Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]									
Date/Time: 10/25/14 12:10 Date/Time: 10/25/18 20:00 Date/Time:									
Received by: [Signature] Received by: [Signature] Received by: [Signature]									
Company: DEC Company: [Signature] Company: [Signature]									
Date/Time: 10/25/14 12:10 Date/Time: 10/25/18 20:00 Date/Time:									
Received by: [Signature] Received by: [Signature] Received by: [Signature]									
Company: [Signature] Company: [Signature] Company: [Signature]									
Cooler Temperature(s) °C and Other Remarks:									
Custody Seal No.: Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									



MSA (MSA)

3.013.0 FRAP

Chain of Custody Record

<b>Client Information</b>		Lab PMI: Haas, Melissa	Carrier Tracking No(s):
Client Contact: Mr. Matthew Mashhadi		E-Mail: melissa.haas@testamericainc.com	
Company: New York State D.E.C.			COC No: 460-104451-66867.2
Address: 625 Broadway 12th Floor			Page: Page 2 of 2
City: Albany			Job #: 163850
State, Zip: NY, 12233-7017			
Phone: 518-402-9612			
PO #: Callout # 136155; Site # 130056			
WO #: 5680 Merrick Rd. Massapequa			
Email: Matthew.Mashhadi@dec.ny.gov			
Project Name: DEC Gen Uniform Rental; Site: 130056			
Site: 46018900			
SSOW#:			
<b>Due Date Requested:</b>		<b>Analysis Requested</b>	
TAT Requested (days): 10			
Sample Date		Total Number of Containers	
Sample Time		8260C - TCL VOCs (minus 1,4-DX)	
Sample Type (C=comp, G=grab)		Performs (MS/MSD) (Yes or No)	
Sample Preservation Code		Field Filtered Sample (Yes or No)	
Matrix (Water, Seawater, Groundwater, Air)			
MW-15 <del>DL</del>	10/24 15:23 G	Water	3
MW-16	10/24 16:30 G	Water	3
Dup 1	10/24 X G	Water	3
Trip Blank	10/24 X	Water	28
		Water	
		Water	
		Water	
		Water	
		Water	
		Water	
<b>Possible Hazard Identification</b>		<b>Special Instructions/Note:</b>	
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B
<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological
Deliverable Requested: I, II, III, IV, Other (specify) <u>Category B, F, H, S</u>		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <u>[Signature]</u>		Date: <u>10/25/18 12:10</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>10/18/18 7:03:30</u>	
Relinquished by:		Date:	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks:	



# Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-167890-1

**Login Number: 167890**  
**List Number: 1**  
**Creator: Villanueva, Angelica P**

**List Source: TestAmerica Edison**

<b>Question</b>	<b>Answer</b>	<b>Comment</b>
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	