



February 1, 2021

Michael D. MacCabe, P.E.
Senior Environmental Engineer
NYSDEC Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015

RE: 1st Avenue and East 90th Site No. 231008 – December 2020 Groundwater Sampling

Mr. MacCabe:

This letter summarizes the recent groundwater sampling event conducted by Environmental Assessment & Remediations (EAR) in December 2020 at the above referenced site as requested by the New York State Department of Environmental Conservation (NYSDEC). Site activities included groundwater monitoring and sample collection for laboratory analysis. A site map has been included as **Figure 1**.

Groundwater Monitoring and Sampling Tasks

On December 30, 2020 EAR collected groundwater samples from the following 7 monitoring wells: MW-8, MW-8D, MW-9, MW-10, MW-11, MW-12, and MW-46. Samples were collected following EAR and laboratory standard procedures and protocol¹. Monitoring well locations were estimated and illustrated as **Figure 1** and the groundwater proposed sampling plan submitted to the NYSDEC for approval has been included as **Table 1**.

Prior to sample collection, depth-to-water and total well depths were gauged and recorded. Groundwater samples were collected utilizing an peristaltic pump and dedicated polyethylene tubing at each well. Purge water was screened using a YSI multi-parameter probe with a flow-thru cell. All wells were purged a minimum of one well volume with purging continuing until values for temperature, pH, and oxidation/reduction potential (ORP) reached stabilization. These parameters, as well as dissolved oxygen and specific conductivity, were recorded prior to sample collection. Monitoring well gauging data and field screening results are provided in **Table 2**.

Groundwater samples were submitted to a NYSDEC standby contracted laboratory (Eurofins TestAmerica, Inc.) for analysis of volatile organic compounds (VOCs) via EPA Method 8260C target compound list/target analyte list (TCL/TAL). All VOC monitoring well locations are illustrated in **Figure 1**.

A total of 13 water samples, including one blind duplicate, one MS/MSD, two equipment blanks, one field blank, and one trip blank were submitted for VOCs with 10-day turnaround time and Category B deliverables were requested.

¹ Groundwater was collected following EAR's standard procedure to prevent cross-contamination between samples and to ensure sample integrity. Samples collected for laboratory analysis were placed into the appropriate sample containers and immediately placed in a cooler with ice to maintain a temperature of 4 degrees Celsius for transport (containers and coolers provided by the laboratory). Chain-of-Custody forms were completed and possession was maintained between sampling personnel and the laboratory during each sampling event. Samples were delivered to the laboratory via TestAmerica courier.



Following sample collection, purge water was containerized in a 55-gallon drum and drum disposal was coordinated through AB Environmental who provided drum pickup the same day of sampling. The analytical report from this sampling event has been provided in **Appendix A** and the waste manifest in **Appendix B**.

Groundwater Sampling Results/Data Processing

The laboratory reported detections of 10 VOCs above laboratory reporting limits, with four analytes at concentrations above applicable standard/guidance values. The VOC analytical results are compared to the Division of Water Technical and Operational Guidance Series² (TOGS 1.1.1) on **Table 3**. A table calculating the relative percent difference of the blind duplicate samples for VOCs is provided in **Table 4**. A site map depicting concentrations of BTEX, Total VOCs and VOCs that exceed TOGS 1.1.1 is included as **Figure 2**.

A data usability summary report (DUSR) was prepared by an EAR chemist utilizing the laboratory provided Category B deliverable package. The DUSR reported no data rejections and found overall data to be acceptable. After validation, the electronic data deliverables were processed and submitted to NYSDEC Environmental Information Management Systems for upload. The DUSR has been included as **Appendix C**.

Should you have any questions regarding the activities or data detailed in this report, please do not hesitate to contact me at (631) 447-6400 ext. 155 or via email at Vicale@enviro-asmnt.com.

Sincerely,

Trisha Vicale
Project Manager
(631) 447-6400 ext. 155

CC: Jennifer Lawrence, EAR

² NYSDEC Division of Water Technical & Operational Guidance Series 1.1.1 – Ambient Water Quality Standards and Guidance Values, Class GA (groundwater)



TABLES

Table 1: December 2020 Groundwater Sampling Summary

Table 2: December 2020 Groundwater Sampling - Field Screening Summary

Table 3: December 2020 Groundwater Sampling - Analytical Results (VOCs)

Table 4: December 2020 Groundwater Sampling - Relative Percent Difference of Blind Duplicate Samples (VOCs)

Table 1

1st Avenue & East 90th Street
New York, NY
Site #231008



**Groundwater Sampling Plan
December 2020**

					EPA Method 8260C TCL/TAL		
Location	Well Diameter <i>Inches</i>	Depth To Water <i>feet</i>	Total Well Depth <i>feet</i>	Field Screen (YSI)	Sample	Blind Duplicate	MS/MSD
MW-8	2	~11-15'	30	x	x		
MW-8D	2	~11-15'	48	x	x		
MW-9	2	~11-15'	35	x	x		
MW-10	2	~11-15'	38	x	x	x	
MW-11	2	~11-15'	34	x	x		
MW-12	2	~11-15'	36	x	x		x
MW-46	2	~11-15'	30	x	x		
Equipment Blank 1 (WLM)					x		
Equipment Blank 2 (tubing)					x		
Field Blank					x		
Trip Blank					x		
					11	1	1

Notes:

- After gauging DTW & TWD, at least 1 well volume will be purged prior to sample collection; once stability, temperature, pH, and specific conductivity is achieved, groundwater samples will be collected with a peristaltic pump.
- Field Screening will include DO, ORP, pH, Temperature and Specific Conductivity.
- All samples will be submitted to TestAmerica Laboratory for 10 day TAT and Category B Deliverables.
- Duplicate sample (1) will be submitted for EPA Method 8260 and labeled MW-X.
- A field blank (1) and equipment blanks (2) will be submitted for EPA Methods 8260. Samples will be collected utilizing lab provide DI water, where applicable.
- Lab provided trip blanks will be submitted at a frequency of 1 sample per cooler; 2 coolers anticipated. Trip blank samples will be submitted for EPA Method 8260.
- 1 MS/MSD will be submitted for EPA Method 8260.
- DUSRS and electronic data deliverables will be completed in EQUIS format.
- MW-13, MW-31, and MW-59 were not included on this sampling plan due to being abandoned upon inspection.

Table 2

1st Avenue & East 90th Street
 New York, New York
 Site #231008



December 2020 Groundwater Sampling - Field Screening Summary

Sample Location	Date Collected	DTW (feet bg)	TWD (feet bg)	Conductivity (uS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Temperature (°C)
MW-8	12/30/2020	11.57	29.95	245	3.33	213.4	7.49	16.9
MW-8D	12/30/2020	11.57	48.90	423	7.07	215.2	7.45	14
MW-9	12/30/2020	12.36	35.47	56	0.08	-75.4	7.15	19
MW-10	12/30/2020	12.44	38.65	207	0.15	103.6	6.95	18.8
MW-11	12/30/2020	12.05	35.05	176	0.19	184.4	6.86	19.9
MW-12	12/30/2020	11.81	36.20	48	0.15	-24.4	6.82	20.3
MW-46	12/30/2020	12.59	29.30	400	2.53	205.1	6.97	19.3

bg - below grade

Table 3

1st Avenue & East 90th Street
New York, New York
Site #231008



December 2020 Groundwater Sampling - Analytical Results (VOCs)
EPA Method 8260C (µg/L)

Sample Location	Well Diameter (inches)	Date Collected	Total BTEX	Total VOCs	t butylmethylether	Ethylbenzene	m + p Xylene	o-Xylene	Xylenes Total	Chloroform	cis-1,2-Dichloroethene	Isopropylbenzene	Tetrachloroethene	Trichloroethylene
MW8	2	12/30/2020	<5	105	<1	<1	<1	<1	<2	0.51 J	10.0	<1	77	17
MW8D	2	12/30/2020	<5	36	<1	<1	<1	<1	<2	0.41 J	<1	<1	32	3.3
MW9	2	12/30/2020	5.0	24	1.3	2.5	0.96 J	1.3	2.3	<1	8.1	1.4	6.5	1.8
MW10	2	12/30/2020	<50	3,231	56	<10	<10	<10	<20	<10	85	<10	2,900	190
MW11	2	12/30/2020	<5	32	22	<1	<1	<1	<2	<1	2.3	<1	6.3	1.3
MW12	2	12/30/2020	<5	3.0	3.4	<1	<1	<1	<2	<1	<1	<1	<1	<1
MW46	2	12/30/2020	<25	1,360	<5	<5	<5	<5	<10	<5	130	<5	1,100	130
EQUIPMENT BLANK 1 (WLM)		12/30/2020	<5	<71	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
EQUIPMENT BLANK 2 (TUBING)		12/30/2020	<5	<71	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
FIELD BLANK		12/30/2020	<5	<71	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
TRIP BLANK 20201230		12/30/2020	<5	<71	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1
ClassGA Standard ¹			nv	nv	nv	5	5*	5	nv	7	5	5	5	5
ClassGA Guidance ¹			nv	nv	10	nv	nv	nv	nv	nv	nv	nv	nv	nv

Analysis by Test America

¹NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1), Source of Drinking Water (groundwater)

J - result is higher than the method detection limit, but lower than the reporting limit

nv - analyzed chemicals with no established values

bolded values - analytical results that exceed standard or guidance values

The chemicals listed below were reported below the LRL:

1,1 Dichloroethane	Carbon Disulfide
1,1 Dichloroethene	Carbon Tetrachloride
1,1,1 Trichloroethane	Chlorobenzene
1,1,2 Trichloroethane	Chloroethane
1,1,2,2 Tetrachloroethane	Chloromethane
1,2 Dibromoethane	Cyclohexane
1,2 Dichlorobenzene	Cyclohexane, methyl-
1,2 Dichloroethane	Dibromochloromethane
1,2 Dichloropropane	Dibromochloropropane
1,2,3 Trichlorobenzene	Dichlorodifluoromethane
1,2,4 Trichlorobenzene	Freon 113
1,3 Dichlorobenzene	Methyl acetate
1,4 Dichlorobenzene	Methyl Ethyl Ketone
2-Hexanone	Methylene Chloride
4-Methyl-2-Pentanone	Styrene
Acetone	t 1,3 Dichloropropene
Benzene	Toluene
Bromochloromethane	trans-1,2-Dichloroethene
Bromodichloromethane	Trichlorofluoromethane
Bromoform	Vinyl Chloride
Bromomethane	
c 1,3 Dichloropropene	

Table 4

1st Avenue & East 90th Street
New York, New York
Site #231008



December 2020 Groundwater Sampling - Relative Percent Difference of Blind Duplicate Samples (VOCs)
EPA Method 8260C (µg/L)

Duplicated Sample	Date	1,1 Dichloroethane	1,1 Dichloroethene	1,1,1 Trichloroethane	1,1,2 Trichloroethane	1,1,2,2 Tetrachloroethane	1,2 Dibromoethane	1,2 Dichlorobenzene	1,2 Dichloroethane	1,2 Dichloropropane	1,2,3 Trichlorobenzene	1,2,4 Trichlorobenzene	1,2-DICHLOROETHANE-D4	1,3 Dichlorobenzene	1,4 Dichlorobenzene	2-Hexanone	4-Bromofluorobenzene	4-Methyl-2-Pentanone	Acetone	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	c 1,3 Dichloropropene	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	
MW-10	12/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	490	<10	<10	<50	490	<50	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
MW-X		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	490	<10	<10	<50	500	<50	<50	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Relative Percent Difference		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Analysis by Test America
J - result is higher than the method detection limit, but lower than the reporting limit
bolded sample - blind duplicate sample ID

Table 4

1st Avenue & East 90th Street
New York, New York
Site #231008



December 2020 Groundwater Sampling - Relative Percent Difference of Blind Duplicate Samples (VOCs)
EPA Method 8260C (µg/L)

Duplicated Sample	Date	cis-1,2-Dichloroethene	Cyclohexane	Cyclohexane, methyl-	Dibromochloromethane	Dibromochloropropane	Dibromofluoromethane	Dichlorodifluoromethane	Ethylbenzene	Freon 113	Isopropylbenzene	m + p Xylene	Methyl acetate	Methyl Ethyl Ketone	Methylene Chloride	o-Xylene	Styrene	t 1,3 Dichloropropene	t butylmethylether	Tetrachloroethene	Toluene	TOLUENE-D8	Total BTEX	trans-1,2-Dichloroethene	Trichloroethylene	Trichlorofluoromethane	Vinyl Chloride
MW-10	12/30/2020	85	<10	<10	<10	<10	490	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	56	2900	<10	470	<50	<10	190	<10	<10
MW-X		80	<10	<10	<10	<10	490	<10	<10	<10	<10	<10	<50	<50	<10	<10	<10	<10	51	2800	<10	460	<50	<10	180	<10	<10
Relative Percent Difference		6.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.4%	3.5%	0.0%	2.2%	0.0%	0.0%	5.4%	0.0%	0.0%

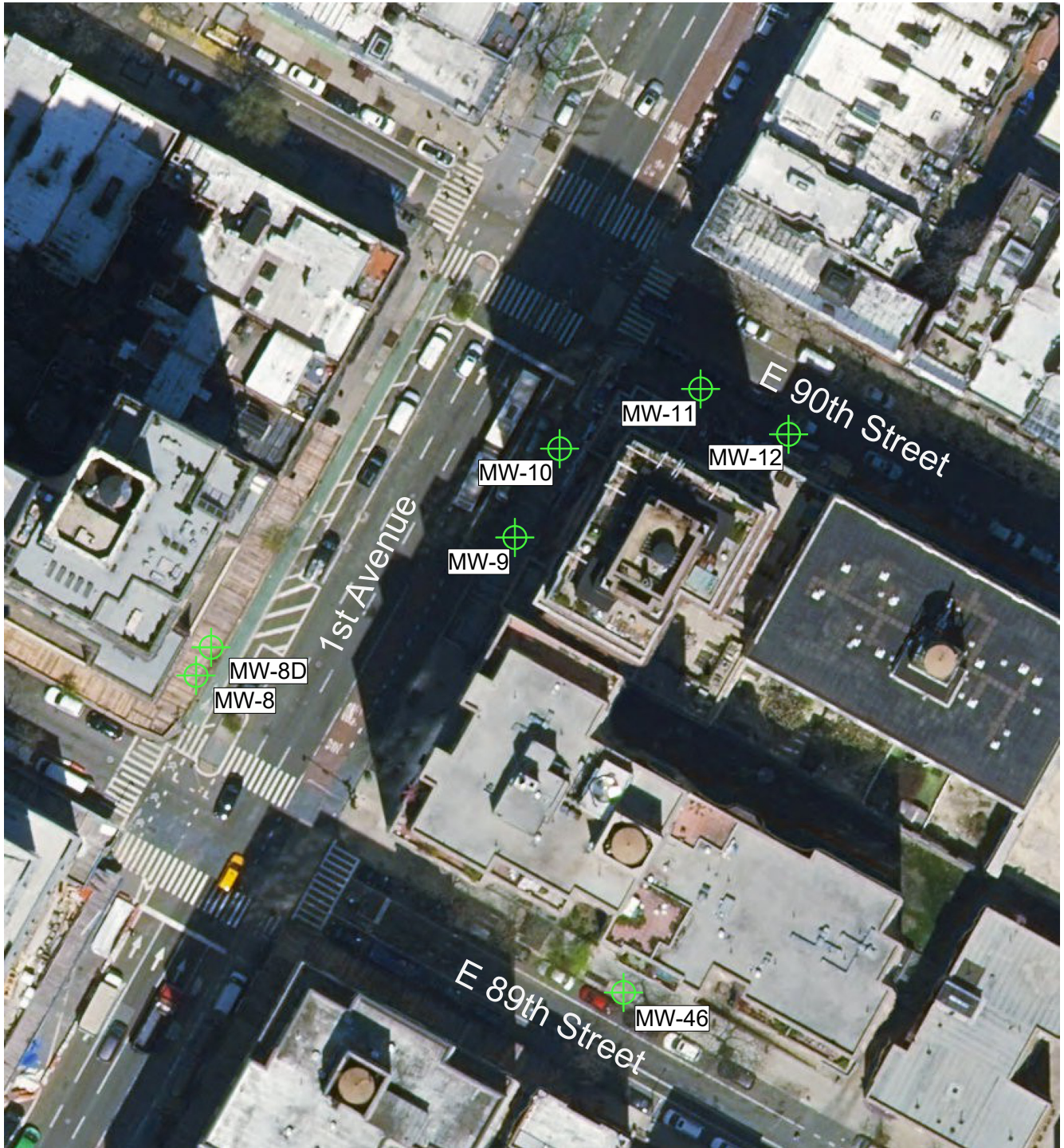
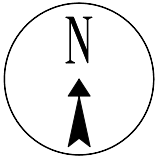
Analysis by Test America
J - result is higher than the method detection limit, but lower than the reporting limit
bolded sample - blind duplicate sample ID



FIGURES

Figure 1: Site Map

Figure 2: December 2020 GWS Dissolved-Phase Exceeding VOC Concentrations ($\mu\text{g/L}$)



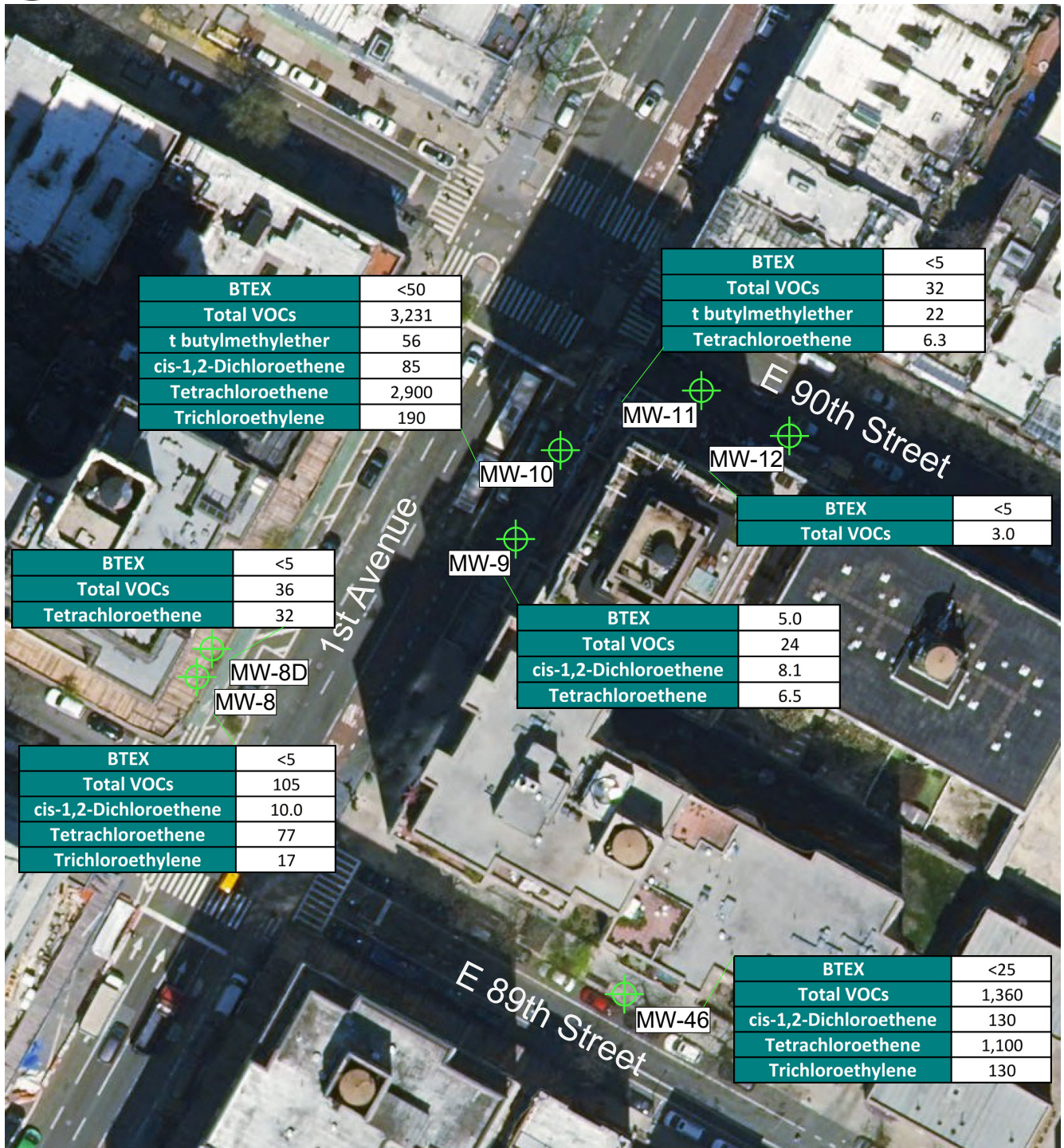
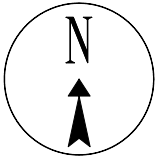
0 60
SCALE IN FEET



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

Figure 1
Site Map

1st Avenue & East 90th Street
New York, NY
NYSDEC Site #231008



0 60
SCALE IN FEET



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

Figure 2

December 2020 Dissolved-Phase
BTEX, Total VOCs, and
Exceeding Compound (ug/L)

1st Avenue & East 90th Street
New York, NY
NYSDEC Site #231008



APPENDIX A – Laboratory Reports

ANALYTICAL REPORT

Job Number: 460-225707-1

Job Description: DEC - MANHATTAN1 E90 SITE:231008

Contract Number: C100700

For:

New York State D.E.C.

625 Broadway

Division of Environmental Remediation

Albany, NY 12233-7014

Attention: Michael D. MacCabe



Approved for release.
Julie L. Gilmore
Project Manager I
1/6/2021 10:21 AM

Julie L. Gilmore, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(484)685-0865
Julie.Gilmore@Eurofinset.com
01/06/2021

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LA000132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

Job Number: 460-225707-1

Job Description: DEC - MANHATTAN1 E90 SITE:231008

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.

A handwritten signature in black ink, reading "Julie L. Gilmore". The signature is written in a cursive, flowing style. Below the signature is a solid black horizontal line.

Approved for release.
Julie L. Gilmore
Project Manager I
1/6/2021 10:21 AM

Julie L Gilmore

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CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC - MANHATTAN1 E90 SITE:231008

Report Number: 460-225707-1

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 12/30/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.1 C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-11 (460-225707-1), MW-12 (460-225707-2), MW-10 (460-225707-3), MW-9 (460-225707-4), MW-X (460-225707-5), MW-46 (460-225707-6), MW-8D (460-225707-7), MW-8 (460-225707-8), Equipment-Blank_WLM (460-225707-9), Equipment-Blank_T (460-225707-10), Field_Blank (460-225707-11) and Trip_Blank (460-225707-12) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 01/04/2021.

The continuing calibration verification (CCV) analyzed in batch 460-750920 was outside the method criteria for the following analytes: 1,1,2,2-Tetrachloroethane and Methyl acetate. 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 analytes are considered estimated.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-10 (460-225707-3), MW-X (460-225707-5) and MW-46 (460-225707-6). Elevated reporting limits (RLs) are provided.

Samples MW-10 (460-225707-3)[10X], MW-X (460-225707-5)[10X] and MW-46 (460-225707-6)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: New York State D.E.C.

Job ID: 460-225707-1

Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-225707-1	MW-11	Water	12/30/20 09:24	12/30/20 19:30	
460-225707-2	MW-12	Water	12/30/20 10:03	12/30/20 19:30	
460-225707-3	MW-10	Water	12/30/20 10:55	12/30/20 19:30	
460-225707-4	MW-9	Water	12/30/20 11:36	12/30/20 19:30	
460-225707-5	MW-X	Water	12/30/20 00:00	12/30/20 19:30	
460-225707-6	MW-46	Water	12/30/20 08:48	12/30/20 19:30	
460-225707-7	MW-8D	Water	12/30/20 10:23	12/30/20 19:30	
460-225707-8	MW-8	Water	12/30/20 11:27	12/30/20 19:30	
460-225707-9	Equipment-Blank_WLM	Water	12/30/20 08:00	12/30/20 19:30	
460-225707-10	Equipment-Blank_T	Water	12/30/20 08:00	12/30/20 19:30	
460-225707-11	Field_Blank	Water	12/30/20 08:00	12/30/20 19:30	
460-225707-12	Trip_Blank	Water	12/30/20 08:00	12/30/20 19:30	

Detection Summary

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-11

Lab Sample ID: 460-225707-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.22	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	22		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	6.3		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.3		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 460-225707-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	3.4		1.0	0.22	ug/L	1		8260D	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 460-225707-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	85		10	2.2	ug/L	10		8260D	Total/NA
Methyl tert-butyl ether	56		10	2.2	ug/L	10		8260D	Total/NA
Tetrachloroethene	2900		10	2.5	ug/L	10		8260D	Total/NA
Trichloroethene	190		10	3.1	ug/L	10		8260D	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 460-225707-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0	0.22	ug/L	1		8260D	Total/NA
Ethylbenzene	2.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.4		1.0	0.34	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.96	J	1.0	0.30	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	1.3		1.0	0.22	ug/L	1		8260D	Total/NA
o-Xylene	1.3		1.0	0.36	ug/L	1		8260D	Total/NA
Tetrachloroethene	6.5		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	1.8		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-X

Lab Sample ID: 460-225707-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	80		10	2.2	ug/L	10		8260D	Total/NA
Methyl tert-butyl ether	51		10	2.2	ug/L	10		8260D	Total/NA
Tetrachloroethene	2800		10	2.5	ug/L	10		8260D	Total/NA
Trichloroethene	180		10	3.1	ug/L	10		8260D	Total/NA

Client Sample ID: MW-46

Lab Sample ID: 460-225707-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	130		5.0	1.1	ug/L	5		8260D	Total/NA
Tetrachloroethene	1100		5.0	1.2	ug/L	5		8260D	Total/NA
Trichloroethene	130		5.0	1.6	ug/L	5		8260D	Total/NA

Client Sample ID: MW-8D

Lab Sample ID: 460-225707-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.41	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	32		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	3.3		1.0	0.31	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Detection Summary

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-8

Lab Sample ID: 460-225707-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.51	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	77		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	17		1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: Equipment-Blank_WLM

Lab Sample ID: 460-225707-9

No Detections.

Client Sample ID: Equipment-Blank_T

Lab Sample ID: 460-225707-10

No Detections.

Client Sample ID: Field_Blank

Lab Sample ID: 460-225707-11

No Detections.

Client Sample ID: Trip_Blank

Lab Sample ID: 460-225707-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: New York State D.E.C.

Job ID: 460-225707-1

Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Method	Method Description	Protocol	Laboratory
8260D	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 = Eurofins 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 - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-11

Lab Sample ID: 460-225707-1

Date Collected: 12/30/20 09:24

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 14:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 14:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 14:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 14:10	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 14:10	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 14:10	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 14:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 14:10	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 14:10	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 14:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 14:10	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 14:10	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 14:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 14:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 14:10	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 14:10	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 14:10	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 14:10	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 14:10	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 14:10	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 14:10	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 14:10	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 14:10	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 14:10	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 14:10	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 14:10	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 14:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 14:10	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 14:10	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 14:10	1
cis-1,2-Dichloroethene	2.3		1.0	0.22	ug/L			01/04/21 14:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 14:10	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 14:10	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 14:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 14:10	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 14:10	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 14:10	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 14:10	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 14:10	1
Methyl tert-butyl ether	22		1.0	0.22	ug/L			01/04/21 14:10	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 14:10	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 14:10	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 14:10	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 14:10	1
Tetrachloroethene	6.3		1.0	0.25	ug/L			01/04/21 14:10	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 14:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 14:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 14:10	1
Trichloroethene	1.3		1.0	0.31	ug/L			01/04/21 14:10	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-11

Date Collected: 12/30/20 09:24

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 14:10	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 123					01/04/21 14:10	1
Toluene-d8 (Surr)	92		80 - 120					01/04/21 14:10	1
4-Bromofluorobenzene	100		76 - 120					01/04/21 14:10	1
Dibromofluoromethane (Surr)	99		77 - 124					01/04/21 14:10	1

Client Sample ID: MW-12

Date Collected: 12/30/20 10:03

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-2

Matrix: Water

Method: 8260D - 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			01/04/21 11:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 11:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 11:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 11:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 11:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 11:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 11:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 11:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 11:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 11:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 11:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 11:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 11:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 11:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 11:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 11:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 11:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 11:25	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 11:25	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 11:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 11:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 11:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 11:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 11:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 11:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 11:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 11:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 11:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 11:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 11:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 11:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 11:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 11:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 11:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 11:25	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-12

Date Collected: 12/30/20 10:03

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 11:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 11:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 11:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 11:25	1
Methyl tert-butyl ether	3.4		1.0	0.22	ug/L			01/04/21 11:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 11:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 11:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 11:25	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 11:25	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 11:25	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 11:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 11:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 11:25	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 11:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 11:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 11:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		01/04/21 11:25	1
Toluene-d8 (Surr)	92		80 - 120		01/04/21 11:25	1
4-Bromofluorobenzene	98		76 - 120		01/04/21 11:25	1
Dibromofluoromethane (Surr)	97		77 - 124		01/04/21 11:25	1

Client Sample ID: MW-10

Date Collected: 12/30/20 10:55

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-3

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	2.4	ug/L			01/04/21 22:24	10
1,1,2,2-Tetrachloroethane	10	U	10	3.7	ug/L			01/04/21 22:24	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			01/04/21 22:24	10
1,1,2-Trichloroethane	10	U	10	2.0	ug/L			01/04/21 22:24	10
1,1-Dichloroethane	10	U	10	2.6	ug/L			01/04/21 22:24	10
1,1-Dichloroethene	10	U	10	2.6	ug/L			01/04/21 22:24	10
1,2,3-Trichlorobenzene	10	U	10	3.6	ug/L			01/04/21 22:24	10
1,2,4-Trichlorobenzene	10	U	10	3.7	ug/L			01/04/21 22:24	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.8	ug/L			01/04/21 22:24	10
Ethylene Dibromide	10	U	10	5.0	ug/L			01/04/21 22:24	10
1,2-Dichlorobenzene	10	U	10	2.1	ug/L			01/04/21 22:24	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			01/04/21 22:24	10
1,2-Dichloropropane	10	U	10	3.5	ug/L			01/04/21 22:24	10
1,3-Dichlorobenzene	10	U	10	3.4	ug/L			01/04/21 22:24	10
1,4-Dichlorobenzene	10	U	10	3.3	ug/L			01/04/21 22:24	10
2-Butanone (MEK)	50	U	50	19	ug/L			01/04/21 22:24	10
2-Hexanone	50	U	50	11	ug/L			01/04/21 22:24	10
4-Methyl-2-pentanone (MIBK)	50	U	50	13	ug/L			01/04/21 22:24	10
Acetone	50	U	50	44	ug/L			01/04/21 22:24	10
Benzene	10	U	10	2.0	ug/L			01/04/21 22:24	10
Chlorobromomethane	10	U	10	4.1	ug/L			01/04/21 22:24	10

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-10

Lab Sample ID: 460-225707-3

Date Collected: 12/30/20 10:55

Matrix: Water

Date Received: 12/30/20 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	10	U	10	3.4	ug/L			01/04/21 22:24	10
Bromoform	10	U	10	5.4	ug/L			01/04/21 22:24	10
Bromomethane	10	U	10	5.5	ug/L			01/04/21 22:24	10
Carbon disulfide	10	U	10	8.2	ug/L			01/04/21 22:24	10
Carbon tetrachloride	10	U	10	2.1	ug/L			01/04/21 22:24	10
Chlorobenzene	10	U	10	3.8	ug/L			01/04/21 22:24	10
Chloroethane	10	U	10	3.2	ug/L			01/04/21 22:24	10
Chloroform	10	U	10	3.3	ug/L			01/04/21 22:24	10
Chloromethane	10	U	10	4.0	ug/L			01/04/21 22:24	10
cis-1,2-Dichloroethene	85		10	2.2	ug/L			01/04/21 22:24	10
cis-1,3-Dichloropropene	10	U	10	2.2	ug/L			01/04/21 22:24	10
Cyclohexane	10	U	10	3.2	ug/L			01/04/21 22:24	10
Chlorodibromomethane	10	U	10	2.8	ug/L			01/04/21 22:24	10
Dichlorodifluoromethane	10	U	10	3.1	ug/L			01/04/21 22:24	10
Ethylbenzene	10	U	10	3.0	ug/L			01/04/21 22:24	10
Isopropylbenzene	10	U	10	3.4	ug/L			01/04/21 22:24	10
m-Xylene & p-Xylene	10	U	10	3.0	ug/L			01/04/21 22:24	10
Methyl acetate	50	U	50	7.9	ug/L			01/04/21 22:24	10
Methyl tert-butyl ether	56		10	2.2	ug/L			01/04/21 22:24	10
Methylcyclohexane	10	U	10	7.1	ug/L			01/04/21 22:24	10
Methylene Chloride	10	U	10	3.2	ug/L			01/04/21 22:24	10
o-Xylene	10	U	10	3.6	ug/L			01/04/21 22:24	10
Styrene	10	U	10	4.2	ug/L			01/04/21 22:24	10
Tetrachloroethene	2900		10	2.5	ug/L			01/04/21 22:24	10
Toluene	10	U	10	3.8	ug/L			01/04/21 22:24	10
trans-1,2-Dichloroethene	10	U	10	2.4	ug/L			01/04/21 22:24	10
trans-1,3-Dichloropropene	10	U	10	2.2	ug/L			01/04/21 22:24	10
Trichloroethene	190		10	3.1	ug/L			01/04/21 22:24	10
Trichlorofluoromethane	10	U	10	3.2	ug/L			01/04/21 22:24	10
Vinyl chloride	10	U	10	1.7	ug/L			01/04/21 22:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		01/04/21 22:24	10
Toluene-d8 (Surr)	94		80 - 120		01/04/21 22:24	10
4-Bromofluorobenzene	98		76 - 120		01/04/21 22:24	10
Dibromofluoromethane (Surr)	97		77 - 124		01/04/21 22:24	10

Client Sample ID: MW-9

Lab Sample ID: 460-225707-4

Date Collected: 12/30/20 11:36

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 12:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 12:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 12:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 12:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 12:27	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 12:27	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 12:27	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-9

Lab Sample ID: 460-225707-4

Date Collected: 12/30/20 11:36

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 12:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 12:27	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 12:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 12:27	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 12:27	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 12:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 12:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 12:27	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 12:27	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 12:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 12:27	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 12:27	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 12:27	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 12:27	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 12:27	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 12:27	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 12:27	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 12:27	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 12:27	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 12:27	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 12:27	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 12:27	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 12:27	1
cis-1,2-Dichloroethene	8.1		1.0	0.22	ug/L			01/04/21 12:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 12:27	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 12:27	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 12:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 12:27	1
Ethylbenzene	2.5		1.0	0.30	ug/L			01/04/21 12:27	1
Isopropylbenzene	1.4		1.0	0.34	ug/L			01/04/21 12:27	1
m-Xylene & p-Xylene	0.96 J		1.0	0.30	ug/L			01/04/21 12:27	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 12:27	1
Methyl tert-butyl ether	1.3		1.0	0.22	ug/L			01/04/21 12:27	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 12:27	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 12:27	1
o-Xylene	1.3		1.0	0.36	ug/L			01/04/21 12:27	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 12:27	1
Tetrachloroethene	6.5		1.0	0.25	ug/L			01/04/21 12:27	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 12:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 12:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 12:27	1
Trichloroethene	1.8		1.0	0.31	ug/L			01/04/21 12:27	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 12:27	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		01/04/21 12:27	1
Toluene-d8 (Surr)	94		80 - 120		01/04/21 12:27	1
4-Bromofluorobenzene	102		76 - 120		01/04/21 12:27	1
Dibromofluoromethane (Surr)	98		77 - 124		01/04/21 12:27	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-X

Lab Sample ID: 460-225707-5

Date Collected: 12/30/20 00:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	10	U	10	2.4	ug/L			01/04/21 21:43	10
1,1,2,2-Tetrachloroethane	10	U	10	3.7	ug/L			01/04/21 21:43	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1	ug/L			01/04/21 21:43	10
1,1,2-Trichloroethane	10	U	10	2.0	ug/L			01/04/21 21:43	10
1,1-Dichloroethane	10	U	10	2.6	ug/L			01/04/21 21:43	10
1,1-Dichloroethene	10	U	10	2.6	ug/L			01/04/21 21:43	10
1,2,3-Trichlorobenzene	10	U	10	3.6	ug/L			01/04/21 21:43	10
1,2,4-Trichlorobenzene	10	U	10	3.7	ug/L			01/04/21 21:43	10
1,2-Dibromo-3-Chloropropane	10	U	10	3.8	ug/L			01/04/21 21:43	10
Ethylene Dibromide	10	U	10	5.0	ug/L			01/04/21 21:43	10
1,2-Dichlorobenzene	10	U	10	2.1	ug/L			01/04/21 21:43	10
1,2-Dichloroethane	10	U	10	4.3	ug/L			01/04/21 21:43	10
1,2-Dichloropropane	10	U	10	3.5	ug/L			01/04/21 21:43	10
1,3-Dichlorobenzene	10	U	10	3.4	ug/L			01/04/21 21:43	10
1,4-Dichlorobenzene	10	U	10	3.3	ug/L			01/04/21 21:43	10
2-Butanone (MEK)	50	U	50	19	ug/L			01/04/21 21:43	10
2-Hexanone	50	U	50	11	ug/L			01/04/21 21:43	10
4-Methyl-2-pentanone (MIBK)	50	U	50	13	ug/L			01/04/21 21:43	10
Acetone	50	U	50	44	ug/L			01/04/21 21:43	10
Benzene	10	U	10	2.0	ug/L			01/04/21 21:43	10
Chlorobromomethane	10	U	10	4.1	ug/L			01/04/21 21:43	10
Dichlorobromomethane	10	U	10	3.4	ug/L			01/04/21 21:43	10
Bromoform	10	U	10	5.4	ug/L			01/04/21 21:43	10
Bromomethane	10	U	10	5.5	ug/L			01/04/21 21:43	10
Carbon disulfide	10	U	10	8.2	ug/L			01/04/21 21:43	10
Carbon tetrachloride	10	U	10	2.1	ug/L			01/04/21 21:43	10
Chlorobenzene	10	U	10	3.8	ug/L			01/04/21 21:43	10
Chloroethane	10	U	10	3.2	ug/L			01/04/21 21:43	10
Chloroform	10	U	10	3.3	ug/L			01/04/21 21:43	10
Chloromethane	10	U	10	4.0	ug/L			01/04/21 21:43	10
cis-1,2-Dichloroethene	80		10	2.2	ug/L			01/04/21 21:43	10
cis-1,3-Dichloropropene	10	U	10	2.2	ug/L			01/04/21 21:43	10
Cyclohexane	10	U	10	3.2	ug/L			01/04/21 21:43	10
Chlorodibromomethane	10	U	10	2.8	ug/L			01/04/21 21:43	10
Dichlorodifluoromethane	10	U	10	3.1	ug/L			01/04/21 21:43	10
Ethylbenzene	10	U	10	3.0	ug/L			01/04/21 21:43	10
Isopropylbenzene	10	U	10	3.4	ug/L			01/04/21 21:43	10
m-Xylene & p-Xylene	10	U	10	3.0	ug/L			01/04/21 21:43	10
Methyl acetate	50	U	50	7.9	ug/L			01/04/21 21:43	10
Methyl tert-butyl ether	51		10	2.2	ug/L			01/04/21 21:43	10
Methylcyclohexane	10	U	10	7.1	ug/L			01/04/21 21:43	10
Methylene Chloride	10	U	10	3.2	ug/L			01/04/21 21:43	10
o-Xylene	10	U	10	3.6	ug/L			01/04/21 21:43	10
Styrene	10	U	10	4.2	ug/L			01/04/21 21:43	10
Tetrachloroethene	2800		10	2.5	ug/L			01/04/21 21:43	10
Toluene	10	U	10	3.8	ug/L			01/04/21 21:43	10
trans-1,2-Dichloroethene	10	U	10	2.4	ug/L			01/04/21 21:43	10
trans-1,3-Dichloropropene	10	U	10	2.2	ug/L			01/04/21 21:43	10
Trichloroethene	180		10	3.1	ug/L			01/04/21 21:43	10

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-X

Date Collected: 12/30/20 00:00

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	10	U	10	3.2	ug/L			01/04/21 21:43	10
Vinyl chloride	10	U	10	1.7	ug/L			01/04/21 21:43	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123					01/04/21 21:43	10
Toluene-d8 (Surr)	93		80 - 120					01/04/21 21:43	10
4-Bromofluorobenzene	99		76 - 120					01/04/21 21:43	10
Dibromofluoromethane (Surr)	98		77 - 124					01/04/21 21:43	10

Client Sample ID: MW-46

Date Collected: 12/30/20 08:48

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-6

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0	U	5.0	1.2	ug/L			01/04/21 22:04	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.8	ug/L			01/04/21 22:04	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
1,1,2-Trichloroethane	5.0	U	5.0	1.0	ug/L			01/04/21 22:04	5
1,1-Dichloroethane	5.0	U	5.0	1.3	ug/L			01/04/21 22:04	5
1,1-Dichloroethene	5.0	U	5.0	1.3	ug/L			01/04/21 22:04	5
1,2,3-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			01/04/21 22:04	5
1,2,4-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			01/04/21 22:04	5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.9	ug/L			01/04/21 22:04	5
Ethylene Dibromide	5.0	U	5.0	2.5	ug/L			01/04/21 22:04	5
1,2-Dichlorobenzene	5.0	U	5.0	1.1	ug/L			01/04/21 22:04	5
1,2-Dichloroethane	5.0	U	5.0	2.2	ug/L			01/04/21 22:04	5
1,2-Dichloropropane	5.0	U	5.0	1.8	ug/L			01/04/21 22:04	5
1,3-Dichlorobenzene	5.0	U	5.0	1.7	ug/L			01/04/21 22:04	5
1,4-Dichlorobenzene	5.0	U	5.0	1.7	ug/L			01/04/21 22:04	5
2-Butanone (MEK)	25	U	25	9.3	ug/L			01/04/21 22:04	5
2-Hexanone	25	U	25	5.7	ug/L			01/04/21 22:04	5
4-Methyl-2-pentanone (MIBK)	25	U	25	6.5	ug/L			01/04/21 22:04	5
Acetone	25	U	25	22	ug/L			01/04/21 22:04	5
Benzene	5.0	U	5.0	1.0	ug/L			01/04/21 22:04	5
Chlorobromomethane	5.0	U	5.0	2.1	ug/L			01/04/21 22:04	5
Dichlorobromomethane	5.0	U	5.0	1.7	ug/L			01/04/21 22:04	5
Bromoform	5.0	U	5.0	2.7	ug/L			01/04/21 22:04	5
Bromomethane	5.0	U	5.0	2.8	ug/L			01/04/21 22:04	5
Carbon disulfide	5.0	U	5.0	4.1	ug/L			01/04/21 22:04	5
Carbon tetrachloride	5.0	U	5.0	1.0	ug/L			01/04/21 22:04	5
Chlorobenzene	5.0	U	5.0	1.9	ug/L			01/04/21 22:04	5
Chloroethane	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
Chloroform	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
Chloromethane	5.0	U	5.0	2.0	ug/L			01/04/21 22:04	5
cis-1,2-Dichloroethene	130		5.0	1.1	ug/L			01/04/21 22:04	5
cis-1,3-Dichloropropene	5.0	U	5.0	1.1	ug/L			01/04/21 22:04	5
Cyclohexane	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
Chlorodibromomethane	5.0	U	5.0	1.4	ug/L			01/04/21 22:04	5
Dichlorodifluoromethane	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-46

Date Collected: 12/30/20 08:48

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	5.0	U	5.0	1.5	ug/L			01/04/21 22:04	5
Isopropylbenzene	5.0	U	5.0	1.7	ug/L			01/04/21 22:04	5
m-Xylene & p-Xylene	5.0	U	5.0	1.5	ug/L			01/04/21 22:04	5
Methyl acetate	25	U	25	3.9	ug/L			01/04/21 22:04	5
Methyl tert-butyl ether	5.0	U	5.0	1.1	ug/L			01/04/21 22:04	5
Methylcyclohexane	5.0	U	5.0	3.5	ug/L			01/04/21 22:04	5
Methylene Chloride	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
o-Xylene	5.0	U	5.0	1.8	ug/L			01/04/21 22:04	5
Styrene	5.0	U	5.0	2.1	ug/L			01/04/21 22:04	5
Tetrachloroethene	1100		5.0	1.2	ug/L			01/04/21 22:04	5
Toluene	5.0	U	5.0	1.9	ug/L			01/04/21 22:04	5
trans-1,2-Dichloroethene	5.0	U	5.0	1.2	ug/L			01/04/21 22:04	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.1	ug/L			01/04/21 22:04	5
Trichloroethene	130		5.0	1.6	ug/L			01/04/21 22:04	5
Trichlorofluoromethane	5.0	U	5.0	1.6	ug/L			01/04/21 22:04	5
Vinyl chloride	5.0	U	5.0	0.86	ug/L			01/04/21 22:04	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 123		01/04/21 22:04	5
Toluene-d8 (Surr)	91		80 - 120		01/04/21 22:04	5
4-Bromofluorobenzene	95		76 - 120		01/04/21 22:04	5
Dibromofluoromethane (Surr)	97		77 - 124		01/04/21 22:04	5

Client Sample ID: MW-8D

Date Collected: 12/30/20 10:23

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-7

Matrix: Water

Method: 8260D - 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			01/04/21 21:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 21:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 21:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 21:02	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 21:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 21:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 21:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 21:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 21:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 21:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 21:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 21:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 21:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 21:02	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 21:02	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 21:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 21:02	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 21:02	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 21:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 21:02	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-8D

Lab Sample ID: 460-225707-7

Date Collected: 12/30/20 10:23

Matrix: Water

Date Received: 12/30/20 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 21:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 21:02	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 21:02	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 21:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 21:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 21:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 21:02	1
Chloroform	0.41	J	1.0	0.33	ug/L			01/04/21 21:02	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 21:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 21:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 21:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 21:02	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 21:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 21:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 21:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 21:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 21:02	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 21:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 21:02	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 21:02	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 21:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 21:02	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 21:02	1
Tetrachloroethene	32		1.0	0.25	ug/L			01/04/21 21:02	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 21:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 21:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 21:02	1
Trichloroethene	3.3		1.0	0.31	ug/L			01/04/21 21:02	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 21:02	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		01/04/21 21:02	1
Toluene-d8 (Surr)	91		80 - 120		01/04/21 21:02	1
4-Bromofluorobenzene	100		76 - 120		01/04/21 21:02	1
Dibromofluoromethane (Surr)	98		77 - 124		01/04/21 21:02	1

Client Sample ID: MW-8

Lab Sample ID: 460-225707-8

Date Collected: 12/30/20 11:27

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 21:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 21:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 21:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 21:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 21:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 21:22	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 21:22	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-8

Lab Sample ID: 460-225707-8

Date Collected: 12/30/20 11:27

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 21:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 21:22	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 21:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 21:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 21:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 21:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 21:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 21:22	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 21:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 21:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 21:22	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 21:22	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 21:22	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 21:22	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 21:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 21:22	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 21:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 21:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 21:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 21:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 21:22	1
Chloroform	0.51	J	1.0	0.33	ug/L			01/04/21 21:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 21:22	1
cis-1,2-Dichloroethene	10		1.0	0.22	ug/L			01/04/21 21:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 21:22	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 21:22	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 21:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 21:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 21:22	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 21:22	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 21:22	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 21:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 21:22	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 21:22	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 21:22	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 21:22	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 21:22	1
Tetrachloroethene	77		1.0	0.25	ug/L			01/04/21 21:22	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 21:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 21:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 21:22	1
Trichloroethene	17		1.0	0.31	ug/L			01/04/21 21:22	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 21:22	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		01/04/21 21:22	1
Toluene-d8 (Surr)	91		80 - 120		01/04/21 21:22	1
4-Bromofluorobenzene	99		76 - 120		01/04/21 21:22	1
Dibromofluoromethane (Surr)	97		77 - 124		01/04/21 21:22	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: Equipment-Blank_WLM

Lab Sample ID: 460-225707-9

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 09:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 09:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 09:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 09:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 09:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 09:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 09:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 09:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 09:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 09:00	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 09:00	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 09:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 09:00	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 09:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 09:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 09:00	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 09:00	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 09:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 09:00	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 09:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 09:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 09:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 09:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 09:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 09:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 09:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 09:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 09:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 09:00	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 09:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 09:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 09:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 09:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 09:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 09:00	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 09:00	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 09:00	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 09:00	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 09:00	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 09:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 09:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:00	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 09:00	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: Equipment-Blank_WLM

Lab Sample ID: 460-225707-9

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:00	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 09:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 123					01/04/21 09:00	1
Toluene-d8 (Surr)	92		80 - 120					01/04/21 09:00	1
4-Bromofluorobenzene	98		76 - 120					01/04/21 09:00	1
Dibromofluoromethane (Surr)	96		77 - 124					01/04/21 09:00	1

Client Sample ID: Equipment-Blank_T

Lab Sample ID: 460-225707-10

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 09:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 09:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 09:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 09:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 09:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 09:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 09:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 09:21	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 09:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 09:21	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 09:21	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 09:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 09:21	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 09:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 09:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 09:21	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 09:21	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 09:21	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 09:21	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 09:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 09:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 09:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 09:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 09:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 09:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 09:21	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 09:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 09:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:21	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 09:21	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 09:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:21	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: Equipment-Blank_T

Lab Sample ID: 460-225707-10

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 09:21	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:21	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 09:21	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 09:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 09:21	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 09:21	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 09:21	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 09:21	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 09:21	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 09:21	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 09:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 09:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:21	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 09:21	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:21	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 123		01/04/21 09:21	1
Toluene-d8 (Surr)	92		80 - 120		01/04/21 09:21	1
4-Bromofluorobenzene	98		76 - 120		01/04/21 09:21	1
Dibromofluoromethane (Surr)	98		77 - 124		01/04/21 09:21	1

Client Sample ID: Field_Blank

Lab Sample ID: 460-225707-11

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 09:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 09:41	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 09:41	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 09:41	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 09:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 09:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 09:41	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 09:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 09:41	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 09:41	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 09:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 09:41	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 09:41	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 09:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 09:41	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 09:41	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 09:41	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 09:41	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: Field_Blank

Lab Sample ID: 460-225707-11

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 09:41	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 09:41	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 09:41	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 09:41	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 09:41	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 09:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:41	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 09:41	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 09:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 09:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:41	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 09:41	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 09:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 09:41	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 09:41	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 09:41	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 09:41	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 09:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 09:41	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 09:41	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 09:41	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 09:41	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 09:41	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 09:41	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 09:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 09:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 09:41	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 09:41	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 09:41	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 09:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 123		01/04/21 09:41	1
Toluene-d8 (Surr)	91		80 - 120		01/04/21 09:41	1
4-Bromofluorobenzene	97		76 - 120		01/04/21 09:41	1
Dibromofluoromethane (Surr)	97		77 - 124		01/04/21 09:41	1

Client Sample ID: Trip_Blank

Lab Sample ID: 460-225707-12

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 10:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 10:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 10:02	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 10:02	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 10:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 10:02	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: Trip_Blank

Lab Sample ID: 460-225707-12

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Method: 8260D - 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			01/04/21 10:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 10:02	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 10:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 10:02	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 10:02	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 10:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 10:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 10:02	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 10:02	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 10:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 10:02	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 10:02	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 10:02	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 10:02	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 10:02	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 10:02	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 10:02	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 10:02	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 10:02	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 10:02	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 10:02	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 10:02	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 10:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 10:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 10:02	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 10:02	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 10:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 10:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 10:02	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 10:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 10:02	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 10:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 10:02	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 10:02	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 10:02	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 10:02	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 10:02	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 10:02	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 10:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 10:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 10:02	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 10:02	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 10:02	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 10:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123		01/04/21 10:02	1
Toluene-d8 (Surr)	91		80 - 120		01/04/21 10:02	1
4-Bromofluorobenzene	100		76 - 120		01/04/21 10:02	1
Dibromofluoromethane (Surr)	98		77 - 124		01/04/21 10:02	1

Eurofins TestAmerica, Edison

Surrogate Summary

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	TOL (80-120)	BFB (76-120)	DBFM (77-124)
460-225707-1	MW-11	102	92	100	99
460-225707-2	MW-12	96	92	98	97
460-225707-2 MS	MW-12	99	92	100	101
460-225707-2 MSD	MW-12	97	91	99	99
460-225707-3	MW-10	98	94	98	97
460-225707-4	MW-9	98	94	102	98
460-225707-5	MW-X	99	93	99	98
460-225707-6	MW-46	97	91	95	97
460-225707-7	MW-8D	96	91	100	98
460-225707-8	MW-8	96	91	99	97
460-225707-9	Equipment-Blank_WLM	91	92	98	96
460-225707-10	Equipment-Blank_T	91	92	98	98
460-225707-11	Field_Blank	92	91	97	97
460-225707-12	Trip_Blank	95	91	100	98
LCS 460-750829/3	Lab Control Sample	89	91	100	96
LCS 460-750920/5	Lab Control Sample	95	93	102	98
LCSD 460-750920/6	Lab Control Sample Dup	95	91	101	98
MB 460-750829/7	Method Blank	93	92	100	97
MB 460-750920/9	Method Blank	96	92	100	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-750829/7

Matrix: Water

Analysis Batch: 750829

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			01/04/21 08:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 08:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 08:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 08:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 08:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 08:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 08:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 08:19	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 08:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 08:19	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 08:19	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 08:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 08:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 08:19	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 08:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 08:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 08:19	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 08:19	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 08:19	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 08:19	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 08:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 08:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 08:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 08:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 08:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 08:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 08:19	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 08:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 08:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 08:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 08:19	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 08:19	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 08:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 08:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 08:19	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 08:19	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 08:19	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 08:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 08:19	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 08:19	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 08:19	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 08:19	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 08:19	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 08:19	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 08:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 08:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 08:19	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: MB 460-750829/7

Matrix: Water

Analysis Batch: 750829

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 08:19	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 08:19	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 08:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 123					01/04/21 08:19	1
Toluene-d8 (Surr)	92		80 - 120					01/04/21 08:19	1
4-Bromofluorobenzene	100		76 - 120					01/04/21 08:19	1
Dibromofluoromethane (Surr)	97		77 - 124					01/04/21 08:19	1

Lab Sample ID: LCS 460-750829/3

Matrix: Water

Analysis Batch: 750829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	68 - 128
1,1,2,2-Tetrachloroethane	20.0	16.9		ug/L		85	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	59 - 142
1,1,2-Trichloroethane	20.0	17.4		ug/L		87	74 - 125
1,1-Dichloroethane	20.0	18.3		ug/L		92	73 - 130
1,1-Dichloroethene	20.0	18.5		ug/L		92	68 - 133
1,2,3-Trichlorobenzene	20.0	17.5		ug/L		88	53 - 144
1,2,4-Trichlorobenzene	20.0	17.6		ug/L		88	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	15.6		ug/L		78	41 - 143
Ethylene Dibromide	20.0	18.2		ug/L		91	69 - 126
1,2-Dichlorobenzene	20.0	19.1		ug/L		96	79 - 122
1,2-Dichloroethane	20.0	18.1		ug/L		90	75 - 121
1,2-Dichloropropane	20.0	17.6		ug/L		88	76 - 126
1,3-Dichlorobenzene	20.0	18.3		ug/L		92	80 - 121
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	80 - 118
2-Butanone (MEK)	100	99.2		ug/L		99	69 - 128
2-Hexanone	100	89.4		ug/L		89	74 - 127
4-Methyl-2-pentanone (MIBK)	100	94.5		ug/L		94	78 - 125
Acetone	100	92.7		ug/L		93	61 - 134
Benzene	20.0	18.4		ug/L		92	78 - 126
Chlorobromomethane	20.0	20.1		ug/L		101	73 - 126
Dichlorobromomethane	20.0	17.5		ug/L		87	72 - 121
Bromoform	20.0	19.0		ug/L		95	38 - 144
Bromomethane	20.0	24.7		ug/L		124	10 - 150
Carbon disulfide	20.0	18.5		ug/L		93	64 - 138
Carbon tetrachloride	20.0	18.7		ug/L		94	56 - 131
Chlorobenzene	20.0	19.2		ug/L		96	80 - 119
Chloroethane	20.0	22.8		ug/L		114	29 - 150
Chloroform	20.0	19.5		ug/L		97	78 - 125
Chloromethane	20.0	17.3		ug/L		86	38 - 150
cis-1,2-Dichloroethene	20.0	18.6		ug/L		93	78 - 121
cis-1,3-Dichloropropene	20.0	16.8		ug/L		84	74 - 125
Cyclohexane	20.0	18.3		ug/L		91	67 - 133

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: LCS 460-750829/3

Matrix: Water

Analysis Batch: 750829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	20.0	18.3		ug/L		91	58 - 130
Dichlorodifluoromethane	20.0	20.3		ug/L		101	31 - 150
Ethylbenzene	20.0	18.9		ug/L		95	78 - 120
Isopropylbenzene	20.0	18.5		ug/L		92	79 - 125
m-Xylene & p-Xylene	20.0	18.4		ug/L		92	78 - 123
Methyl acetate	40.0	32.4		ug/L		81	70 - 127
Methyl tert-butyl ether	20.0	18.0		ug/L		90	65 - 131
Methylcyclohexane	20.0	17.7		ug/L		88	60 - 139
Methylene Chloride	20.0	19.0		ug/L		95	74 - 127
o-Xylene	20.0	18.4		ug/L		92	78 - 122
Styrene	20.0	17.3		ug/L		86	75 - 127
Tetrachloroethene	20.0	19.9		ug/L		100	70 - 127
Toluene	20.0	18.5		ug/L		92	78 - 119
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	74 - 126
trans-1,3-Dichloropropene	20.0	15.8		ug/L		79	66 - 127
Trichloroethene	20.0	18.2		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	19.0		ug/L		95	61 - 140
Vinyl chloride	20.0	17.7		ug/L		88	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 123
Toluene-d8 (Surr)	91		80 - 120
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	96		77 - 124

Lab Sample ID: 460-225707-2 MS

Matrix: Water

Analysis Batch: 750829

Client Sample ID: MW-12

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	20.1		ug/L		101	68 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	15.3		ug/L		76	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	18.9		ug/L		95	59 - 142
1,1,2-Trichloroethane	1.0	U	20.0	16.8		ug/L		84	74 - 125
1,1-Dichloroethane	1.0	U	20.0	18.1		ug/L		91	73 - 130
1,1-Dichloroethene	1.0	U	20.0	17.6		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	1.0	U	20.0	16.5		ug/L		82	53 - 144
1,2,4-Trichlorobenzene	1.0	U	20.0	16.6		ug/L		83	64 - 132
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	15.3		ug/L		77	41 - 143
Ethylene Dibromide	1.0	U	20.0	16.8		ug/L		84	69 - 126
1,2-Dichlorobenzene	1.0	U	20.0	18.7		ug/L		93	79 - 122
1,2-Dichloroethane	1.0	U	20.0	18.9		ug/L		95	75 - 121
1,2-Dichloropropane	1.0	U	20.0	17.1		ug/L		86	76 - 126
1,3-Dichlorobenzene	1.0	U	20.0	17.6		ug/L		88	80 - 121
1,4-Dichlorobenzene	1.0	U	20.0	18.5		ug/L		93	80 - 118
2-Butanone (MEK)	5.0	U	100	90.2		ug/L		90	69 - 128
2-Hexanone	5.0	U	100	90.6		ug/L		91	74 - 127
4-Methyl-2-pentanone (MIBK)	5.0	U	100	93.4		ug/L		93	78 - 125

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: 460-225707-2 MS

Matrix: Water

Analysis Batch: 750829

Client Sample ID: MW-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	5.0	U	100	92.3		ug/L		92	61 - 134
Benzene	1.0	U	20.0	18.1		ug/L		91	78 - 126
Chlorobromomethane	1.0	U	20.0	19.2		ug/L		96	73 - 126
Dichlorobromomethane	1.0	U	20.0	17.2		ug/L		86	72 - 121
Bromoform	1.0	U	20.0	18.0		ug/L		90	38 - 144
Bromomethane	1.0	U	20.0	24.7		ug/L		123	10 - 150
Carbon disulfide	1.0	U	20.0	16.5		ug/L		82	64 - 138
Carbon tetrachloride	1.0	U	20.0	19.1		ug/L		95	56 - 131
Chlorobenzene	1.0	U	20.0	18.6		ug/L		93	80 - 119
Chloroethane	1.0	U	20.0	23.0		ug/L		115	29 - 150
Chloroform	1.0	U	20.0	19.8		ug/L		99	78 - 125
Chloromethane	1.0	U	20.0	16.9		ug/L		85	38 - 150
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	16.2		ug/L		81	74 - 125
Cyclohexane	1.0	U	20.0	17.1		ug/L		85	67 - 133
Chlorodibromomethane	1.0	U	20.0	17.7		ug/L		89	58 - 130
Dichlorodifluoromethane	1.0	U	20.0	20.4		ug/L		102	31 - 150
Ethylbenzene	1.0	U	20.0	18.2		ug/L		91	78 - 120
Isopropylbenzene	1.0	U	20.0	17.7		ug/L		88	79 - 125
m-Xylene & p-Xylene	1.0	U	20.0	17.7		ug/L		88	78 - 123
Methyl acetate	5.0	U	40.0	32.4		ug/L		81	70 - 127
Methyl tert-butyl ether	3.4		20.0	21.4		ug/L		90	65 - 131
Methylcyclohexane	1.0	U	20.0	16.5		ug/L		82	60 - 139
Methylene Chloride	1.0	U	20.0	19.0		ug/L		95	74 - 127
o-Xylene	1.0	U	20.0	17.6		ug/L		88	78 - 122
Styrene	1.0	U	20.0	16.6		ug/L		83	75 - 127
Tetrachloroethene	1.0	U	20.0	23.0		ug/L		115	70 - 127
Toluene	1.0	U	20.0	17.9		ug/L		89	78 - 119
trans-1,2-Dichloroethene	1.0	U	20.0	18.9		ug/L		94	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	15.5		ug/L		77	66 - 127
Trichloroethene	1.0	U	20.0	17.8		ug/L		89	71 - 121
Trichlorofluoromethane	1.0	U	20.0	19.5		ug/L		98	61 - 140
Vinyl chloride	1.0	U	20.0	16.8		ug/L		84	61 - 144

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		75 - 123
Toluene-d8 (Surr)	92		80 - 120
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	101		77 - 124

Lab Sample ID: 460-225707-2 MSD

Matrix: Water

Analysis Batch: 750829

Client Sample ID: MW-12

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	20.3		ug/L		102	68 - 128	1	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	16.1		ug/L		80	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	17.7		ug/L		89	59 - 142	7	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: 460-225707-2 MSD

Matrix: Water

Analysis Batch: 750829

Client Sample ID: MW-12

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-Trichloroethane	1.0	U	20.0	17.4		ug/L		87	74 - 125	3	30
1,1-Dichloroethane	1.0	U	20.0	18.5		ug/L		93	73 - 130	2	30
1,1-Dichloroethene	1.0	U	20.0	18.0		ug/L		90	68 - 133	2	30
1,2,3-Trichlorobenzene	1.0	U	20.0	17.7		ug/L		89	53 - 144	7	30
1,2,4-Trichlorobenzene	1.0	U	20.0	17.2		ug/L		86	64 - 132	3	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	15.5		ug/L		77	41 - 143	1	30
Ethylene Dibromide	1.0	U	20.0	17.7		ug/L		88	69 - 126	5	30
1,2-Dichlorobenzene	1.0	U	20.0	19.2		ug/L		96	79 - 122	3	30
1,2-Dichloroethane	1.0	U	20.0	19.2		ug/L		96	75 - 121	1	30
1,2-Dichloropropane	1.0	U	20.0	17.4		ug/L		87	76 - 126	2	30
1,3-Dichlorobenzene	1.0	U	20.0	18.1		ug/L		90	80 - 121	2	30
1,4-Dichlorobenzene	1.0	U	20.0	18.9		ug/L		94	80 - 118	2	30
2-Butanone (MEK)	5.0	U	100	92.4		ug/L		92	69 - 128	2	30
2-Hexanone	5.0	U	100	95.1		ug/L		95	74 - 127	5	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	97.8		ug/L		98	78 - 125	5	30
Acetone	5.0	U	100	95.6		ug/L		96	61 - 134	4	30
Benzene	1.0	U	20.0	18.5		ug/L		92	78 - 126	2	30
Chlorobromomethane	1.0	U	20.0	19.9		ug/L		99	73 - 126	3	30
Dichlorobromomethane	1.0	U	20.0	18.0		ug/L		90	72 - 121	5	30
Bromoform	1.0	U	20.0	18.3		ug/L		92	38 - 144	2	30
Bromomethane	1.0	U	20.0	26.0		ug/L		130	10 - 150	5	30
Carbon disulfide	1.0	U	20.0	17.1		ug/L		85	64 - 138	4	30
Carbon tetrachloride	1.0	U	20.0	19.3		ug/L		97	56 - 131	1	30
Chlorobenzene	1.0	U	20.0	19.0		ug/L		95	80 - 119	2	30
Chloroethane	1.0	U	20.0	23.7		ug/L		119	29 - 150	3	30
Chloroform	1.0	U	20.0	20.4		ug/L		102	78 - 125	3	30
Chloromethane	1.0	U	20.0	18.4		ug/L		92	38 - 150	8	30
cis-1,2-Dichloroethene	1.0	U	20.0	18.5		ug/L		93	78 - 121	1	30
cis-1,3-Dichloropropene	1.0	U	20.0	16.5		ug/L		83	74 - 125	2	30
Cyclohexane	1.0	U	20.0	16.7		ug/L		83	67 - 133	2	30
Chlorodibromomethane	1.0	U	20.0	17.9		ug/L		90	58 - 130	1	30
Dichlorodifluoromethane	1.0	U	20.0	19.9		ug/L		100	31 - 150	2	30
Ethylbenzene	1.0	U	20.0	18.7		ug/L		94	78 - 120	3	30
Isopropylbenzene	1.0	U	20.0	18.0		ug/L		90	79 - 125	2	30
m-Xylene & p-Xylene	1.0	U	20.0	18.8		ug/L		94	78 - 123	6	30
Methyl acetate	5.0	U	40.0	33.1		ug/L		83	70 - 127	2	30
Methyl tert-butyl ether	3.4		20.0	22.3		ug/L		95	65 - 131	4	30
Methylcyclohexane	1.0	U	20.0	15.9		ug/L		80	60 - 139	3	30
Methylene Chloride	1.0	U	20.0	18.9		ug/L		94	74 - 127	0	30
o-Xylene	1.0	U	20.0	18.2		ug/L		91	78 - 122	3	30
Styrene	1.0	U	20.0	16.7		ug/L		83	75 - 127	0	30
Tetrachloroethene	1.0	U	20.0	20.7		ug/L		104	70 - 127	10	30
Toluene	1.0	U	20.0	18.2		ug/L		91	78 - 119	2	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	74 - 126	2	30
trans-1,3-Dichloropropene	1.0	U	20.0	16.4		ug/L		82	66 - 127	6	30
Trichloroethene	1.0	U	20.0	18.4		ug/L		92	71 - 121	3	30
Trichlorofluoromethane	1.0	U	20.0	19.8		ug/L		99	61 - 140	1	30
Vinyl chloride	1.0	U	20.0	18.0		ug/L		90	61 - 144	7	30

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: 460-225707-2 MSD

Matrix: Water

Analysis Batch: 750829

Client Sample ID: MW-12

Prep Type: Total/NA

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		75 - 123
Toluene-d8 (Surr)	91		80 - 120
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	99		77 - 124

Lab Sample ID: MB 460-750920/9

Matrix: Water

Analysis Batch: 750920

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			01/04/21 19:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			01/04/21 19:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			01/04/21 19:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			01/04/21 19:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			01/04/21 19:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			01/04/21 19:39	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			01/04/21 19:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			01/04/21 19:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			01/04/21 19:39	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			01/04/21 19:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			01/04/21 19:39	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			01/04/21 19:39	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			01/04/21 19:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			01/04/21 19:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			01/04/21 19:39	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			01/04/21 19:39	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			01/04/21 19:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			01/04/21 19:39	1
Acetone	5.0	U	5.0	4.4	ug/L			01/04/21 19:39	1
Benzene	1.0	U	1.0	0.20	ug/L			01/04/21 19:39	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			01/04/21 19:39	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			01/04/21 19:39	1
Bromoform	1.0	U	1.0	0.54	ug/L			01/04/21 19:39	1
Bromomethane	1.0	U	1.0	0.55	ug/L			01/04/21 19:39	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			01/04/21 19:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			01/04/21 19:39	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			01/04/21 19:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			01/04/21 19:39	1
Chloroform	1.0	U	1.0	0.33	ug/L			01/04/21 19:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			01/04/21 19:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			01/04/21 19:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 19:39	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			01/04/21 19:39	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			01/04/21 19:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/04/21 19:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			01/04/21 19:39	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			01/04/21 19:39	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			01/04/21 19:39	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: MB 460-750920/9

Matrix: Water

Analysis Batch: 750920

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	5.0	U	5.0	0.79	ug/L			01/04/21 19:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			01/04/21 19:39	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			01/04/21 19:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			01/04/21 19:39	1
o-Xylene	1.0	U	1.0	0.36	ug/L			01/04/21 19:39	1
Styrene	1.0	U	1.0	0.42	ug/L			01/04/21 19:39	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			01/04/21 19:39	1
Toluene	1.0	U	1.0	0.38	ug/L			01/04/21 19:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			01/04/21 19:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			01/04/21 19:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			01/04/21 19:39	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			01/04/21 19:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			01/04/21 19:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		01/04/21 19:39	1
Toluene-d8 (Surr)	92		80 - 120		01/04/21 19:39	1
4-Bromofluorobenzene	100		76 - 120		01/04/21 19:39	1
Dibromofluoromethane (Surr)	98		77 - 124		01/04/21 19:39	1

Lab Sample ID: LCS 460-750920/5

Matrix: Water

Analysis Batch: 750920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.8		ug/L		94	68 - 128
1,1,2,2-Tetrachloroethane	20.0	15.0		ug/L		75	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.8		ug/L		84	59 - 142
1,1,2-Trichloroethane	20.0	15.9		ug/L		80	74 - 125
1,1-Dichloroethane	20.0	17.3		ug/L		87	73 - 130
1,1-Dichloroethene	20.0	17.6		ug/L		88	68 - 133
1,2,3-Trichlorobenzene	20.0	16.8		ug/L		84	53 - 144
1,2,4-Trichlorobenzene	20.0	16.7		ug/L		84	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	14.3		ug/L		72	41 - 143
Ethylene Dibromide	20.0	16.8		ug/L		84	69 - 126
1,2-Dichlorobenzene	20.0	18.3		ug/L		91	79 - 122
1,2-Dichloroethane	20.0	17.6		ug/L		88	75 - 121
1,2-Dichloropropane	20.0	16.9		ug/L		84	76 - 126
1,3-Dichlorobenzene	20.0	17.4		ug/L		87	80 - 121
1,4-Dichlorobenzene	20.0	17.8		ug/L		89	80 - 118
2-Butanone (MEK)	100	85.1		ug/L		85	69 - 128
2-Hexanone	100	81.7		ug/L		82	74 - 127
4-Methyl-2-pentanone (MIBK)	100	83.5		ug/L		84	78 - 125
Acetone	100	83.1		ug/L		83	61 - 134
Benzene	20.0	17.7		ug/L		89	78 - 126
Chlorobromomethane	20.0	19.1		ug/L		96	73 - 126
Dichlorobromomethane	20.0	16.5		ug/L		82	72 - 121
Bromoform	20.0	17.2		ug/L		86	38 - 144

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: LCS 460-750920/5

Matrix: Water

Analysis Batch: 750920

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	20.0	24.9		ug/L		125	10 - 150
Carbon disulfide	20.0	17.7		ug/L		88	64 - 138
Carbon tetrachloride	20.0	17.9		ug/L		90	56 - 131
Chlorobenzene	20.0	18.2		ug/L		91	80 - 119
Chloroethane	20.0	22.8		ug/L		114	29 - 150
Chloroform	20.0	18.5		ug/L		93	78 - 125
Chloromethane	20.0	16.9		ug/L		84	38 - 150
cis-1,2-Dichloroethene	20.0	18.1		ug/L		90	78 - 121
cis-1,3-Dichloropropene	20.0	15.8		ug/L		79	74 - 125
Cyclohexane	20.0	16.1		ug/L		80	67 - 133
Chlorodibromomethane	20.0	16.8		ug/L		84	58 - 130
Dichlorodifluoromethane	20.0	15.3		ug/L		77	31 - 150
Ethylbenzene	20.0	17.7		ug/L		89	78 - 120
Isopropylbenzene	20.0	17.5		ug/L		87	79 - 125
m-Xylene & p-Xylene	20.0	17.5		ug/L		88	78 - 123
Methyl acetate	40.0	31.3		ug/L		78	70 - 127
Methyl tert-butyl ether	20.0	17.2		ug/L		86	65 - 131
Methylcyclohexane	20.0	15.2		ug/L		76	60 - 139
Methylene Chloride	20.0	17.7		ug/L		89	74 - 127
o-Xylene	20.0	17.5		ug/L		87	78 - 122
Styrene	20.0	16.5		ug/L		83	75 - 127
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 127
Toluene	20.0	17.2		ug/L		86	78 - 119
trans-1,2-Dichloroethene	20.0	18.1		ug/L		91	74 - 126
trans-1,3-Dichloropropene	20.0	15.4		ug/L		77	66 - 127
Trichloroethene	20.0	17.4		ug/L		87	71 - 121
Trichlorofluoromethane	20.0	17.6		ug/L		88	61 - 140
Vinyl chloride	20.0	16.8		ug/L		84	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		75 - 123
Toluene-d8 (Surr)	93		80 - 120
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	98		77 - 124

Lab Sample ID: LCSD 460-750920/6

Matrix: Water

Analysis Batch: 750920

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	18.4		ug/L		92	68 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	15.6		ug/L		78	63 - 139	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.5		ug/L		83	59 - 142	2	30
1,1,2-Trichloroethane	20.0	16.6		ug/L		83	74 - 125	4	30
1,1-Dichloroethane	20.0	17.3		ug/L		87	73 - 130	0	30
1,1-Dichloroethene	20.0	16.9		ug/L		84	68 - 133	4	30
1,2,3-Trichlorobenzene	20.0	16.8		ug/L		84	53 - 144	0	30
1,2,4-Trichlorobenzene	20.0	16.5		ug/L		82	64 - 132	2	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: LCSD 460-750920/6

Matrix: Water

Analysis Batch: 750920

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
1,2-Dibromo-3-Chloropropane	20.0	15.1		ug/L		75	41 - 143	5	30
Ethylene Dibromide	20.0	17.0		ug/L		85	69 - 126	1	30
1,2-Dichlorobenzene	20.0	18.2		ug/L		91	79 - 122	0	30
1,2-Dichloroethane	20.0	17.8		ug/L		89	75 - 121	1	30
1,2-Dichloropropane	20.0	16.6		ug/L		83	76 - 126	2	30
1,3-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 121	1	30
1,4-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 118	1	30
2-Butanone (MEK)	100	88.2		ug/L		88	69 - 128	4	30
2-Hexanone	100	84.4		ug/L		84	74 - 127	3	30
4-Methyl-2-pentanone (MIBK)	100	90.1		ug/L		90	78 - 125	8	30
Acetone	100	89.0		ug/L		89	61 - 134	7	30
Benzene	20.0	17.0		ug/L		85	78 - 126	4	30
Chlorobromomethane	20.0	19.1		ug/L		95	73 - 126	0	30
Dichlorobromomethane	20.0	16.8		ug/L		84	72 - 121	2	30
Bromoform	20.0	17.4		ug/L		87	38 - 144	1	30
Bromomethane	20.0	24.8		ug/L		124	10 - 150	1	30
Carbon disulfide	20.0	16.9		ug/L		85	64 - 138	4	30
Carbon tetrachloride	20.0	17.1		ug/L		86	56 - 131	5	30
Chlorobenzene	20.0	18.1		ug/L		90	80 - 119	1	30
Chloroethane	20.0	22.9		ug/L		114	29 - 150	0	30
Chloroform	20.0	18.7		ug/L		93	78 - 125	1	30
Chloromethane	20.0	15.6		ug/L		78	38 - 150	8	30
cis-1,2-Dichloroethene	20.0	17.6		ug/L		88	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	15.7		ug/L		78	74 - 125	1	30
Cyclohexane	20.0	15.9		ug/L		80	67 - 133	1	30
Chlorodibromomethane	20.0	17.5		ug/L		88	58 - 130	4	30
Dichlorodifluoromethane	20.0	15.4		ug/L		77	31 - 150	1	30
Ethylbenzene	20.0	17.8		ug/L		89	78 - 120	0	30
Isopropylbenzene	20.0	16.8		ug/L		84	79 - 125	4	30
m-Xylene & p-Xylene	20.0	17.3		ug/L		87	78 - 123	1	30
Methyl acetate	40.0	31.4		ug/L		78	70 - 127	0	30
Methyl tert-butyl ether	20.0	17.8		ug/L		89	65 - 131	3	30
Methylcyclohexane	20.0	14.6		ug/L		73	60 - 139	4	30
Methylene Chloride	20.0	18.3		ug/L		91	74 - 127	3	30
o-Xylene	20.0	17.1		ug/L		86	78 - 122	2	30
Styrene	20.0	16.6		ug/L		83	75 - 127	1	30
Tetrachloroethene	20.0	18.7		ug/L		94	70 - 127	3	30
Toluene	20.0	17.0		ug/L		85	78 - 119	1	30
trans-1,2-Dichloroethene	20.0	17.7		ug/L		88	74 - 126	3	30
trans-1,3-Dichloropropene	20.0	15.5		ug/L		78	66 - 127	1	30
Trichloroethene	20.0	17.0		ug/L		85	71 - 121	3	30
Trichlorofluoromethane	20.0	17.2		ug/L		86	61 - 140	3	30
Vinyl chloride	20.0	16.2		ug/L		81	61 - 144	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		75 - 123
Toluene-d8 (Surr)	91		80 - 120
4-Bromofluorobenzene	101		76 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

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

Lab Sample ID: LCSD 460-750920/6
Matrix: Water
Analysis Batch: 750920

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

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	98		77 - 124

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Qualifiers

GC/MS VOA

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

Glossary

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

QC Association Summary

Client: New York State D.E.C.

Job ID: 460-225707-1

Project/Site: DEC - MANHATTAN1 E90 SITE:231008

GC/MS VOA

Analysis Batch: 750829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-225707-1	MW-11	Total/NA	Water	8260D	
460-225707-2	MW-12	Total/NA	Water	8260D	
460-225707-4	MW-9	Total/NA	Water	8260D	
460-225707-9	Equipment-Blank_WLM	Total/NA	Water	8260D	
460-225707-10	Equipment-Blank_T	Total/NA	Water	8260D	
460-225707-11	Field_Blank	Total/NA	Water	8260D	
460-225707-12	Trip_Blank	Total/NA	Water	8260D	
MB 460-750829/7	Method Blank	Total/NA	Water	8260D	
LCS 460-750829/3	Lab Control Sample	Total/NA	Water	8260D	
460-225707-2 MS	MW-12	Total/NA	Water	8260D	
460-225707-2 MSD	MW-12	Total/NA	Water	8260D	

Analysis Batch: 750920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-225707-3	MW-10	Total/NA	Water	8260D	
460-225707-5	MW-X	Total/NA	Water	8260D	
460-225707-6	MW-46	Total/NA	Water	8260D	
460-225707-7	MW-8D	Total/NA	Water	8260D	
460-225707-8	MW-8	Total/NA	Water	8260D	
MB 460-750920/9	Method Blank	Total/NA	Water	8260D	
LCS 460-750920/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-750920/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-11

Date Collected: 12/30/20 09:24

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 14:10	SZD	TAL EDI

Client Sample ID: MW-12

Date Collected: 12/30/20 10:03

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 11:25	SZD	TAL EDI

Client Sample ID: MW-10

Date Collected: 12/30/20 10:55

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	750920	01/04/21 22:24	VBP	TAL EDI

Client Sample ID: MW-9

Date Collected: 12/30/20 11:36

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 12:27	SZD	TAL EDI

Client Sample ID: MW-X

Date Collected: 12/30/20 00:00

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	750920	01/04/21 21:43	VBP	TAL EDI

Client Sample ID: MW-46

Date Collected: 12/30/20 08:48

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	750920	01/04/21 22:04	VBP	TAL EDI

Client Sample ID: MW-8D

Date Collected: 12/30/20 10:23

Date Received: 12/30/20 19:30

Lab Sample ID: 460-225707-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750920	01/04/21 21:02	VBP	TAL EDI

Lab Chronicle

Client: New York State D.E.C.
Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Job ID: 460-225707-1

Client Sample ID: MW-8

Lab Sample ID: 460-225707-8

Date Collected: 12/30/20 11:27

Matrix: Water

Date Received: 12/30/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750920	01/04/21 21:22	VBP	TAL EDI

Client Sample ID: Equipment-Blank_WLM

Lab Sample ID: 460-225707-9

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 09:00	SZD	TAL EDI

Client Sample ID: Equipment-Blank_T

Lab Sample ID: 460-225707-10

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 09:21	SZD	TAL EDI

Client Sample ID: Field_Blank

Lab Sample ID: 460-225707-11

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 09:41	SZD	TAL EDI

Client Sample ID: Trip_Blank

Lab Sample ID: 460-225707-12

Date Collected: 12/30/20 08:00

Matrix: Water

Date Received: 12/30/20 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	750829	01/04/21 10:02	SZD	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State D.E.C.

Job ID: 460-225707-1

Project/Site: DEC - MANHATTAN1 E90 SITE:231008

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
USDA	US Federal Programs	P330-20-00244	11-03-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Edison

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-11	460-225707-1	99	102	92	100
MW-12	460-225707-2	97	96	92	98
MW-10	460-225707-3	97	98	94	98
MW-9	460-225707-4	98	98	94	102
MW-X	460-225707-5	98	99	93	99
MW-46	460-225707-6	97	97	91	95
MW-8D	460-225707-7	98	96	91	100
MW-8	460-225707-8	97	96	91	99
Equipment-Blank_WL M	460-225707-9	96	91	92	98
Equipment-Blank_T	460-225707-10	98	91	92	98
Field_Blank	460-225707-11	97	92	91	97
Trip_Blank	460-225707-12	98	95	91	100
	MB 460-750829/7	97	93	92	100
	MB 460-750920/9	98	96	92	100
	LCS 460-750829/3	96	89	91	100
	LCS 460-750920/5	98	95	93	102
	LCSD 460-750920/6	98	95	91	101
MW-12 MS	460-225707-2 MS	101	99	92	100
MW-12 MSD	460-225707-2 MSD	99	97	91	99

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135615.D
 Lab ID: LCS 460-750829/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.0	95	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.9	85	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9	100	59-142	
1,1,2-Trichloroethane	20.0	17.4	87	74-125	
1,1-Dichloroethane	20.0	18.3	92	73-130	
1,1-Dichloroethene	20.0	18.5	92	68-133	
1,2,3-Trichlorobenzene	20.0	17.5	88	53-144	
1,2,4-Trichlorobenzene	20.0	17.6	88	64-132	
1,2-Dibromo-3-Chloropropane	20.0	15.6	78	41-143	
Ethylene Dibromide	20.0	18.2	91	69-126	
1,2-Dichlorobenzene	20.0	19.1	96	79-122	
1,2-Dichloroethane	20.0	18.1	90	75-121	
1,2-Dichloropropane	20.0	17.6	88	76-126	
1,3-Dichlorobenzene	20.0	18.3	92	80-121	
1,4-Dichlorobenzene	20.0	19.1	96	80-118	
2-Butanone (MEK)	100	99.2	99	69-128	
2-Hexanone	100	89.4	89	74-127	
4-Methyl-2-pentanone (MIBK)	100	94.5	94	78-125	
Acetone	100	92.7	93	61-134	
Benzene	20.0	18.4	92	78-126	
Chlorobromomethane	20.0	20.1	101	73-126	
Dichlorobromomethane	20.0	17.5	87	72-121	
Bromoform	20.0	19.0	95	38-144	
Bromomethane	20.0	24.7	124	10-150	
Carbon disulfide	20.0	18.5	93	64-138	
Carbon tetrachloride	20.0	18.7	94	56-131	
Chlorobenzene	20.0	19.2	96	80-119	
Chloroethane	20.0	22.8	114	29-150	
Chloroform	20.0	19.5	97	78-125	
Chloromethane	20.0	17.3	86	38-150	
cis-1,2-Dichloroethene	20.0	18.6	93	78-121	
cis-1,3-Dichloropropene	20.0	16.8	84	74-125	
Cyclohexane	20.0	18.3	91	67-133	
Chlorodibromomethane	20.0	18.3	91	58-130	
Dichlorodifluoromethane	20.0	20.3	101	31-150	
Ethylbenzene	20.0	18.9	95	78-120	
Isopropylbenzene	20.0	18.5	92	79-125	
m-Xylene & p-Xylene	20.0	18.4	92	78-123	
Methyl acetate	40.0	32.4	81	70-127	
Methyl tert-butyl ether	20.0	18.0	90	65-131	
Methylcyclohexane	20.0	17.7	88	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135615.D
 Lab ID: LCS 460-750829/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	19.0	95	74-127	
o-Xylene	20.0	18.4	92	78-122	
Styrene	20.0	17.3	86	75-127	
Tetrachloroethene	20.0	19.9	100	70-127	
Toluene	20.0	18.5	92	78-119	
trans-1,2-Dichloroethene	20.0	19.6	98	74-126	
trans-1,3-Dichloropropene	20.0	15.8	79	66-127	
Trichloroethene	20.0	18.2	91	71-121	
Trichlorofluoromethane	20.0	19.0	95	61-140	
Vinyl chloride	20.0	17.7	88	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135645.D
 Lab ID: LCS 460-750920/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.8	94	68-128	
1,1,2,2-Tetrachloroethane	20.0	15.0	75	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.8	84	59-142	
1,1,2-Trichloroethane	20.0	15.9	80	74-125	
1,1-Dichloroethane	20.0	17.3	87	73-130	
1,1-Dichloroethene	20.0	17.6	88	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	53-144	
1,2,4-Trichlorobenzene	20.0	16.7	84	64-132	
1,2-Dibromo-3-Chloropropane	20.0	14.3	72	41-143	
Ethylene Dibromide	20.0	16.8	84	69-126	
1,2-Dichlorobenzene	20.0	18.3	91	79-122	
1,2-Dichloroethane	20.0	17.6	88	75-121	
1,2-Dichloropropane	20.0	16.9	84	76-126	
1,3-Dichlorobenzene	20.0	17.4	87	80-121	
1,4-Dichlorobenzene	20.0	17.8	89	80-118	
2-Butanone (MEK)	100	85.1	85	69-128	
2-Hexanone	100	81.7	82	74-127	
4-Methyl-2-pentanone (MIBK)	100	83.5	84	78-125	
Acetone	100	83.1	83	61-134	
Benzene	20.0	17.7	89	78-126	
Chlorobromomethane	20.0	19.1	96	73-126	
Dichlorobromomethane	20.0	16.5	82	72-121	
Bromoform	20.0	17.2	86	38-144	
Bromomethane	20.0	24.9	125	10-150	
Carbon disulfide	20.0	17.7	88	64-138	
Carbon tetrachloride	20.0	17.9	90	56-131	
Chlorobenzene	20.0	18.2	91	80-119	
Chloroethane	20.0	22.8	114	29-150	
Chloroform	20.0	18.5	93	78-125	
Chloromethane	20.0	16.9	84	38-150	
cis-1,2-Dichloroethene	20.0	18.1	90	78-121	
cis-1,3-Dichloropropene	20.0	15.8	79	74-125	
Cyclohexane	20.0	16.1	80	67-133	
Chlorodibromomethane	20.0	16.8	84	58-130	
Dichlorodifluoromethane	20.0	15.3	77	31-150	
Ethylbenzene	20.0	17.7	89	78-120	
Isopropylbenzene	20.0	17.5	87	79-125	
m-Xylene & p-Xylene	20.0	17.5	88	78-123	
Methyl acetate	40.0	31.3	78	70-127	
Methyl tert-butyl ether	20.0	17.2	86	65-131	
Methylcyclohexane	20.0	15.2	76	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135645.D
 Lab ID: LCS 460-750920/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	17.7	89	74-127	
o-Xylene	20.0	17.5	87	78-122	
Styrene	20.0	16.5	83	75-127	
Tetrachloroethene	20.0	19.2	96	70-127	
Toluene	20.0	17.2	86	78-119	
trans-1,2-Dichloroethene	20.0	18.1	91	74-126	
trans-1,3-Dichloropropene	20.0	15.4	77	66-127	
Trichloroethene	20.0	17.4	87	71-121	
Trichlorofluoromethane	20.0	17.6	88	61-140	
Vinyl chloride	20.0	16.8	84	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-225707-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT135646.D

Lab ID: LCSD 460-750920/6

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	18.4	92	2	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	15.6	78	4	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.5	83	2	30	59-142	
1,1,2-Trichloroethane	20.0	16.6	83	4	30	74-125	
1,1-Dichloroethane	20.0	17.3	87	0	30	73-130	
1,1-Dichloroethene	20.0	16.9	84	4	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.8	84	0	30	53-144	
1,2,4-Trichlorobenzene	20.0	16.5	82	2	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	15.1	75	5	30	41-143	
Ethylene Dibromide	20.0	17.0	85	1	30	69-126	
1,2-Dichlorobenzene	20.0	18.2	91	0	30	79-122	
1,2-Dichloroethane	20.0	17.8	89	1	30	75-121	
1,2-Dichloropropane	20.0	16.6	83	2	30	76-126	
1,3-Dichlorobenzene	20.0	17.2	86	1	30	80-121	
1,4-Dichlorobenzene	20.0	18.0	90	1	30	80-118	
2-Butanone (MEK)	100	88.2	88	4	30	69-128	
2-Hexanone	100	84.4	84	3	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	90.1	90	8	30	78-125	
Acetone	100	89.0	89	7	30	61-134	
Benzene	20.0	17.0	85	4	30	78-126	
Chlorobromomethane	20.0	19.1	95	0	30	73-126	
Dichlorobromomethane	20.0	16.8	84	2	30	72-121	
Bromoform	20.0	17.4	87	1	30	38-144	
Bromomethane	20.0	24.8	124	1	30	10-150	
Carbon disulfide	20.0	16.9	85	4	30	64-138	
Carbon tetrachloride	20.0	17.1	86	5	30	56-131	
Chlorobenzene	20.0	18.1	90	1	30	80-119	
Chloroethane	20.0	22.9	114	0	30	29-150	
Chloroform	20.0	18.7	93	1	30	78-125	
Chloromethane	20.0	15.6	78	8	30	38-150	
cis-1,2-Dichloroethene	20.0	17.6	88	2	30	78-121	
cis-1,3-Dichloropropene	20.0	15.7	78	1	30	74-125	
Cyclohexane	20.0	15.9	80	1	30	67-133	
Chlorodibromomethane	20.0	17.5	88	4	30	58-130	
Dichlorodifluoromethane	20.0	15.4	77	1	30	31-150	
Ethylbenzene	20.0	17.8	89	0	30	78-120	
Isopropylbenzene	20.0	16.8	84	4	30	79-125	
m-Xylene & p-Xylene	20.0	17.3	87	1	30	78-123	
Methyl acetate	40.0	31.4	78	0	30	70-127	
Methyl tert-butyl ether	20.0	17.8	89	3	30	65-131	
Methylcyclohexane	20.0	14.6	73	4	30	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135646.D
 Lab ID: LCSD 460-750920/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	18.3	91	3	30	74-127	
o-Xylene	20.0	17.1	86	2	30	78-122	
Styrene	20.0	16.6	83	1	30	75-127	
Tetrachloroethene	20.0	18.7	94	3	30	70-127	
Toluene	20.0	17.0	85	1	30	78-119	
trans-1,2-Dichloroethene	20.0	17.7	88	3	30	74-126	
trans-1,3-Dichloropropene	20.0	15.5	78	1	30	66-127	
Trichloroethene	20.0	17.0	85	3	30	71-121	
Trichlorofluoromethane	20.0	17.2	86	3	30	61-140	
Vinyl chloride	20.0	16.2	81	3	30	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-225707-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT135638.D

Lab ID: 460-225707-2 MS

Client ID: MW-12 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	20.1	101	68-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	15.3	76	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	18.9	95	59-142	
1,1,2-Trichloroethane	20.0	1.0 U	16.8	84	74-125	
1,1-Dichloroethane	20.0	1.0 U	18.1	91	73-130	
1,1-Dichloroethene	20.0	1.0 U	17.6	88	68-133	
1,2,3-Trichlorobenzene	20.0	1.0 U	16.5	82	53-144	
1,2,4-Trichlorobenzene	20.0	1.0 U	16.6	83	64-132	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	15.3	77	41-143	
Ethylene Dibromide	20.0	1.0 U	16.8	84	69-126	
1,2-Dichlorobenzene	20.0	1.0 U	18.7	93	79-122	
1,2-Dichloroethane	20.0	1.0 U	18.9	95	75-121	
1,2-Dichloropropane	20.0	1.0 U	17.1	86	76-126	
1,3-Dichlorobenzene	20.0	1.0 U	17.6	88	80-121	
1,4-Dichlorobenzene	20.0	1.0 U	18.5	93	80-118	
2-Butanone (MEK)	100	5.0 U	90.2	90	69-128	
2-Hexanone	100	5.0 U	90.6	91	74-127	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	93.4	93	78-125	
Acetone	100	5.0 U	92.3	92	61-134	
Benzene	20.0	1.0 U	18.1	91	78-126	
Chlorobromomethane	20.0	1.0 U	19.2	96	73-126	
Dichlorobromomethane	20.0	1.0 U	17.2	86	72-121	
Bromoform	20.0	1.0 U	18.0	90	38-144	
Bromomethane	20.0	1.0 U	24.7	123	10-150	
Carbon disulfide	20.0	1.0 U	16.5	82	64-138	
Carbon tetrachloride	20.0	1.0 U	19.1	95	56-131	
Chlorobenzene	20.0	1.0 U	18.6	93	80-119	
Chloroethane	20.0	1.0 U	23.0	115	29-150	
Chloroform	20.0	1.0 U	19.8	99	78-125	
Chloromethane	20.0	1.0 U	16.9	85	38-150	
cis-1,2-Dichloroethene	20.0	1.0 U	18.8	94	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	16.2	81	74-125	
Cyclohexane	20.0	1.0 U	17.1	85	67-133	
Chlorodibromomethane	20.0	1.0 U	17.7	89	58-130	
Dichlorodifluoromethane	20.0	1.0 U	20.4	102	31-150	
Ethylbenzene	20.0	1.0 U	18.2	91	78-120	
Isopropylbenzene	20.0	1.0 U	17.7	88	79-125	
m-Xylene & p-Xylene	20.0	1.0 U	17.7	88	78-123	
Methyl acetate	40.0	5.0 U	32.4	81	70-127	
Methyl tert-butyl ether	20.0	3.4	21.4	90	65-131	
Methylcyclohexane	20.0	1.0 U	16.5	82	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135638.D
 Lab ID: 460-225707-2 MS Client ID: MW-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	1.0 U	19.0	95	74-127	
o-Xylene	20.0	1.0 U	17.6	88	78-122	
Styrene	20.0	1.0 U	16.6	83	75-127	
Tetrachloroethene	20.0	1.0 U	23.0	115	70-127	
Toluene	20.0	1.0 U	17.9	89	78-119	
trans-1,2-Dichloroethene	20.0	1.0 U	18.9	94	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	15.5	77	66-127	
Trichloroethene	20.0	1.0 U	17.8	89	71-121	
Trichlorofluoromethane	20.0	1.0 U	19.5	98	61-140	
Vinyl chloride	20.0	1.0 U	16.8	84	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-225707-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT135639.D

Lab ID: 460-225707-2 MSD

Client ID: MW-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.3	102	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.1	80	5	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.7	89	7	30	59-142	
1,1,2-Trichloroethane	20.0	17.4	87	3	30	74-125	
1,1-Dichloroethane	20.0	18.5	93	2	30	73-130	
1,1-Dichloroethene	20.0	18.0	90	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	17.7	89	7	30	53-144	
1,2,4-Trichlorobenzene	20.0	17.2	86	3	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	15.5	77	1	30	41-143	
Ethylene Dibromide	20.0	17.7	88	5	30	69-126	
1,2-Dichlorobenzene	20.0	19.2	96	3	30	79-122	
1,2-Dichloroethane	20.0	19.2	96	1	30	75-121	
1,2-Dichloropropane	20.0	17.4	87	2	30	76-126	
1,3-Dichlorobenzene	20.0	18.1	90	2	30	80-121	
1,4-Dichlorobenzene	20.0	18.9	94	2	30	80-118	
2-Butanone (MEK)	100	92.4	92	2	30	69-128	
2-Hexanone	100	95.1	95	5	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	97.8	98	5	30	78-125	
Acetone	100	95.6	96	4	30	61-134	
Benzene	20.0	18.5	92	2	30	78-126	
Chlorobromomethane	20.0	19.9	99	3	30	73-126	
Dichlorobromomethane	20.0	18.0	90	5	30	72-121	
Bromoform	20.0	18.3	92	2	30	38-144	
Bromomethane	20.0	26.0	130	5	30	10-150	
Carbon disulfide	20.0	17.1	85	4	30	64-138	
Carbon tetrachloride	20.0	19.3	97	1	30	56-131	
Chlorobenzene	20.0	19.0	95	2	30	80-119	
Chloroethane	20.0	23.7	119	3	30	29-150	
Chloroform	20.0	20.4	102	3	30	78-125	
Chloromethane	20.0	18.4	92	8	30	38-150	
cis-1,2-Dichloroethene	20.0	18.5	93	1	30	78-121	
cis-1,3-Dichloropropene	20.0	16.5	83	2	30	74-125	
Cyclohexane	20.0	16.7	83	2	30	67-133	
Chlorodibromomethane	20.0	17.9	90	1	30	58-130	
Dichlorodifluoromethane	20.0	19.9	100	2	30	31-150	
Ethylbenzene	20.0	18.7	94	3	30	78-120	
Isopropylbenzene	20.0	18.0	90	2	30	79-125	
m-Xylene & p-Xylene	20.0	18.8	94	6	30	78-123	
Methyl acetate	40.0	33.1	83	2	30	70-127	
Methyl tert-butyl ether	20.0	22.3	95	4	30	65-131	
Methylcyclohexane	20.0	15.9	80	3	30	60-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT135639.D
 Lab ID: 460-225707-2 MSD Client ID: MW-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	18.9	94	0	30	74-127	
o-Xylene	20.0	18.2	91	3	30	78-122	
Styrene	20.0	16.7	83	0	30	75-127	
Tetrachloroethene	20.0	20.7	104	10	30	70-127	
Toluene	20.0	18.2	91	2	30	78-119	
trans-1,2-Dichloroethene	20.0	19.3	96	2	30	74-126	
trans-1,3-Dichloropropene	20.0	16.4	82	6	30	66-127	
Trichloroethene	20.0	18.4	92	3	30	71-121	
Trichlorofluoromethane	20.0	19.8	99	1	30	61-140	
Vinyl chloride	20.0	18.0	90	7	30	61-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab File ID: TT135619.D Lab Sample ID: MB 460-750829/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS17 Date Analyzed: 01/04/2021 08:19
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-750829/3	TT135615.D	01/04/2021 06:57
Equipment-Blank_WLM	460-225707-9	TT135621.D	01/04/2021 09:00
Equipment-Blank_T	460-225707-10	TT135622.D	01/04/2021 09:21
Field_Blank	460-225707-11	TT135623.D	01/04/2021 09:41
Trip_Blank	460-225707-12	TT135624.D	01/04/2021 10:02
MW-12	460-225707-2	TT135628.D	01/04/2021 11:25
MW-9	460-225707-4	TT135631.D	01/04/2021 12:27
MW-11	460-225707-1	TT135636.D	01/04/2021 14:10
MW-12 MS	460-225707-2 MS	TT135638.D	01/04/2021 14:51
MW-12 MSD	460-225707-2 MSD	TT135639.D	01/04/2021 15:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
SDG No.: _____
Lab File ID: TT135649.D Lab Sample ID: MB 460-750920/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS17 Date Analyzed: 01/04/2021 19:39
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-750920/5	TT135645.D	01/04/2021 18:17
	LCSD 460-750920/6	TT135646.D	01/04/2021 18:38
MW-8D	460-225707-7	TT135653.D	01/04/2021 21:02
MW-8	460-225707-8	TT135654.D	01/04/2021 21:22
MW-X	460-225707-5	TT135655.D	01/04/2021 21:43
MW-46	460-225707-6	TT135656.D	01/04/2021 22:04
MW-10	460-225707-3	TT135657.D	01/04/2021 22:24

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab File ID: TT133017.D BFB Injection Date: 11/13/2020
 Instrument ID: CVOAMS17 BFB Injection Time: 00:19
 Analysis Batch No.: 739487

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	133.2
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	1.1
174	50 - 200% of m/z 95	75.1
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	96.4
177	5 - 10% of m/z 176	6.6

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
	STD8 460-739487/3	TT133019.D	11/13/2020	0:55
	STD05 460-739487/4	TT133020.D	11/13/2020	1:16
	STD1 460-739487/5	TT133021.D	11/13/2020	1:37
	STD5 460-739487/6	TT133022.D	11/13/2020	2:20
	STD20 460-739487/7	TT133023.D	11/13/2020	2:41
	STD50 460-739487/8	TT133024.D	11/13/2020	3:03
	STD200 460-739487/9	TT133025.D	11/13/2020	3:23
	STD500 460-739487/10	TT133026.D	11/13/2020	3:44
	ICV 460-739487/15	TT133031.D	11/13/2020	5:59

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
SDG No.: _____
Lab File ID: TT135613.D BFB Injection Date: 01/04/2021
Instrument ID: CVOAMS17 BFB Injection Time: 06:07
Analysis Batch No.: 750829

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	115.0
96	5 - 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	86.9
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	97.0
177	5 - 10% of m/z 176	6.8

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 460-750829/2	TT135614.D	01/04/2021	6:31
	LCS 460-750829/3	TT135615.D	01/04/2021	6:57
	MB 460-750829/7	TT135619.D	01/04/2021	8:19
Equipment-Blank_WLM	460-225707-9	TT135621.D	01/04/2021	9:00
Equipment-Blank_T	460-225707-10	TT135622.D	01/04/2021	9:21
Field_Blank	460-225707-11	TT135623.D	01/04/2021	9:41
Trip_Blank	460-225707-12	TT135624.D	01/04/2021	10:02
MW-12	460-225707-2	TT135628.D	01/04/2021	11:25
MW-9	460-225707-4	TT135631.D	01/04/2021	12:27
MW-11	460-225707-1	TT135636.D	01/04/2021	14:10
MW-12 MS	460-225707-2 MS	TT135638.D	01/04/2021	14:51
MW-12 MSD	460-225707-2 MSD	TT135639.D	01/04/2021	15:12

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab File ID: TT135641.D BFB Injection Date: 01/04/2021
 Instrument ID: CVOAMS17 BFB Injection Time: 16:43
 Analysis Batch No.: 750920

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	112.0
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	89.3
175	5 - 9% of m/z 174	7.8
176	95 -105% of m/z 174	99.1
177	5 - 10% of m/z 176	6.8

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 460-750920/3	TT135643.D	01/04/2021	17:27
	LCS 460-750920/5	TT135645.D	01/04/2021	18:17
	LCSD 460-750920/6	TT135646.D	01/04/2021	18:38
	MB 460-750920/9	TT135649.D	01/04/2021	19:39
MW-8D	460-225707-7	TT135653.D	01/04/2021	21:02
MW-8	460-225707-8	TT135654.D	01/04/2021	21:22
MW-X	460-225707-5	TT135655.D	01/04/2021	21:43
MW-46	460-225707-6	TT135656.D	01/04/2021	22:04
MW-10	460-225707-3	TT135657.D	01/04/2021	22:24

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: STD20 460-739487/7 Date Analyzed: 11/13/2020 02:41
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT133023.D Heated Purge: (Y/N) N
 Calibration ID: 82790

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	42784	2.65	315920	3.60	476698	4.60	
UPPER LIMIT	85568	3.15	631840	4.10	953396	5.10	
LOWER LIMIT	21392	2.15	157960	3.10	238349	4.10	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-739487/15		47414	2.65	334818	3.60	516949	4.60

TBA_d9 = 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: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: STD20 460-739487/7 Date Analyzed: 11/13/2020 02:41
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT133023.D Heated Purge: (Y/N) N
 Calibration ID: 82790

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	25765	5.27	324785	7.90	169361	10.66
UPPER LIMIT	51530	5.77	649570	8.40	338722	11.16
LOWER LIMIT	12883	4.77	162393	7.40	84681	10.16
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-739487/15		27171	5.27	343163	7.91	179057
						10.66

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: CCVIS 460-750829/2 Date Analyzed: 01/04/2021 06:31
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT135614.D Heated Purge: (Y/N) N
 Calibration ID: 82790

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	46297	2.65	340886	3.59	634683	4.59	
UPPER LIMIT	92594	3.15	681772	4.09	1269366	5.09	
LOWER LIMIT	23149	2.15	170443	3.09	317342	4.09	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-750829/3		49704	2.64	363724	3.59	655536	4.59
MB 460-750829/7		48500	2.63	355599	3.59	667127	4.59
460-225707-9	Equipment-Blank_WLM	44144	2.65	306741	3.59	647822	4.59
460-225707-10	Equipment-Blank_T	38864	2.65	305968	3.59	623097	4.59
460-225707-11	Field_Blank	36181	2.64	297049	3.59	608070	4.59
460-225707-12	Trip_Blank	40771	2.65	295770	3.59	583493	4.59
460-225707-2	MW-12	43487	2.65	289655	3.59	548302	4.59
460-225707-4	MW-9	43081	2.65	291531	3.60	540233	4.60
460-225707-1	MW-11	41423	2.65	294286	3.59	528859	4.59
460-225707-2 MS	MW-12 MS	40103	2.65	282219	3.59	516061	4.59
460-225707-2 MSD	MW-12 MSD	43004	2.64	285835	3.59	523919	4.59

TBAd9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: CCVIS 460-750829/2 Date Analyzed: 01/04/2021 06:31
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT135614.D Heated Purge: (Y/N) N
 Calibration ID: 82790

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	30402	5.25	440387	7.90	242952	10.65	
UPPER LIMIT	60804	5.75	880774	8.40	485904	11.15	
LOWER LIMIT	15201	4.75	220194	7.40	121476	10.15	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-750829/3		30991	5.26	463767	7.90	258105	10.65
MB 460-750829/7		30934	5.26	450176	7.90	248053	10.65
460-225707-9	Equipment-Blank_WLM	26739	5.26	434992	7.90	246841	10.65
460-225707-10	Equipment-Blank_T	26627	5.26	420394	7.90	234037	10.65
460-225707-11	Field_Blank	26191	5.26	418239	7.90	226706	10.65
460-225707-12	Trip_Blank	26110	5.26	397564	7.90	229980	10.65
460-225707-2	MW-12	25297	5.26	372105	7.90	209362	10.65
460-225707-4	MW-9	24959	5.26	361082	7.90	208772	10.65
460-225707-1	MW-11	23905	5.26	363442	7.90	207513	10.65
460-225707-2 MS	MW-12 MS	23547	5.26	361964	7.90	203358	10.65
460-225707-2 MSD	MW-12 MSD	26748	5.26	371573	7.90	209067	10.65

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: CCVIS 460-750920/3 Date Analyzed: 01/04/2021 17:27
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT135643.D Heated Purge: (Y/N) N
 Calibration ID: 82790

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39693	2.65	292813	3.59	558649	4.59
UPPER LIMIT		79386	3.15	585626	4.09	1117298	5.09
LOWER LIMIT		19847	2.15	146407	3.09	279325	4.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-750920/5		42579	2.66	325898	3.59	593618	4.59
LCSD 460-750920/6		44300	2.65	311143	3.59	577912	4.59
MB 460-750920/9		48469	2.65	336828	3.59	632645	4.59
460-225707-7	MW-8D	38138	2.65	296583	3.59	578123	4.59
460-225707-8	MW-8	39914	2.65	303396	3.59	583205	4.59
460-225707-5	MW-X	37716	2.65	297131	3.59	561374	4.59
460-225707-6	MW-46	43022	2.64	298982	3.59	551108	4.59
460-225707-3	MW-10	43336	2.65	307291	3.59	566000	4.59

TBA_d9 = 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: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Sample No.: CCVIS 460-750920/3 Date Analyzed: 01/04/2021 17:27
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT135643.D Heated Purge: (Y/N) N
 Calibration ID: 82790

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25821	5.26	396010	7.90	220186	10.65
UPPER LIMIT		51642	5.76	792020	8.40	440372	11.15
LOWER LIMIT		12911	4.76	198005	7.40	110093	10.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-750920/5		27561	5.26	418558	7.90	233607	10.65
LCSD 460-750920/6		26347	5.26	409018	7.90	228253	10.65
MB 460-750920/9		29124	5.26	431496	7.90	250304	10.65
460-225707-7	MW-8D	26287	5.26	393637	7.90	220181	10.65
460-225707-8	MW-8	24920	5.26	399422	7.90	228287	10.65
460-225707-5	MW-X	25674	5.26	374910	7.90	215976	10.65
460-225707-6	MW-46	24440	5.26	373446	7.90	205960	10.65
460-225707-3	MW-10	26337	5.27	377223	7.90	210448	10.65

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: MW-11 Lab Sample ID: 460-225707-1

Matrix: Water Lab File ID: TT135636.D

Analysis Method: 8260D Date Collected: 12/30/2020 09:24

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 14:10

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
156-59-2	cis-1,2-Dichloroethene	2.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-11 Lab Sample ID: 460-225707-1
 Matrix: Water Lab File ID: TT135636.D
 Analysis Method: 8260D Date Collected: 12/30/2020 09:24
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 14:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	22		1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	6.3		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	0.22
79-01-6	Trichloroethene	1.3		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	102		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D
 Lims ID: 460-225707-B-1
 Client ID: MW-11
 Sample Type: Client
 Inject. Date: 04-Jan-2021 14:10:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-1
 Misc. Info.: 460-0122442-024
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 17:30:16 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1675

First Level Reviewer: parekhv

Date: 04-Jan-2021 17:30:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.653	2.647	0.006	99	41423	1000.0	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	97	203233	22.3	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	294286	250.0	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	8544	2.26	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	96	131838	49.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.335	0.006	98	155013	51.0	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	528859	50.0	
68 Trichloroethene	95	4.914	4.921	-0.007	96	4196	1.30	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	90	23905	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	99	428495	45.9	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	18042	6.28	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	363442	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	138900	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	207513	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

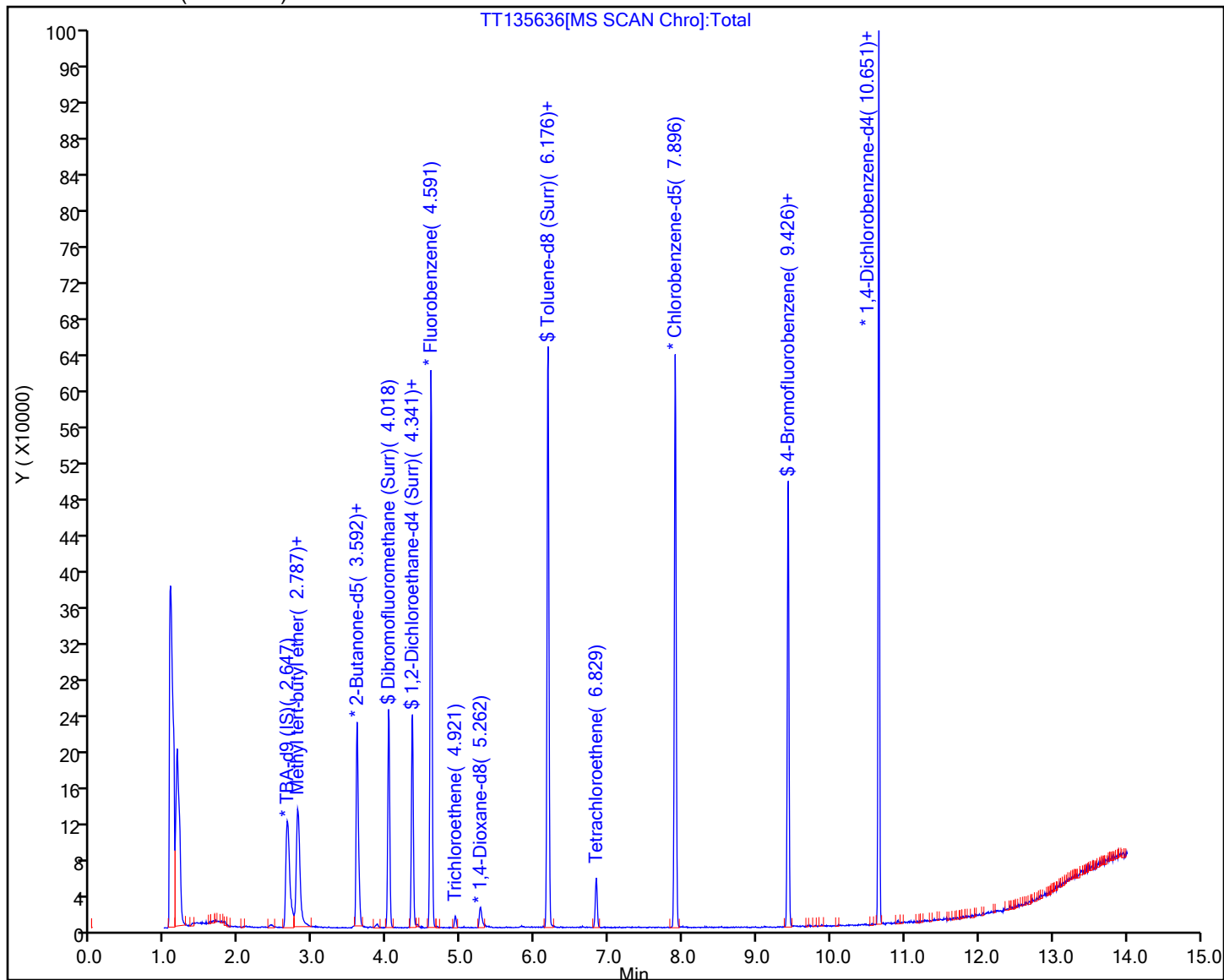
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

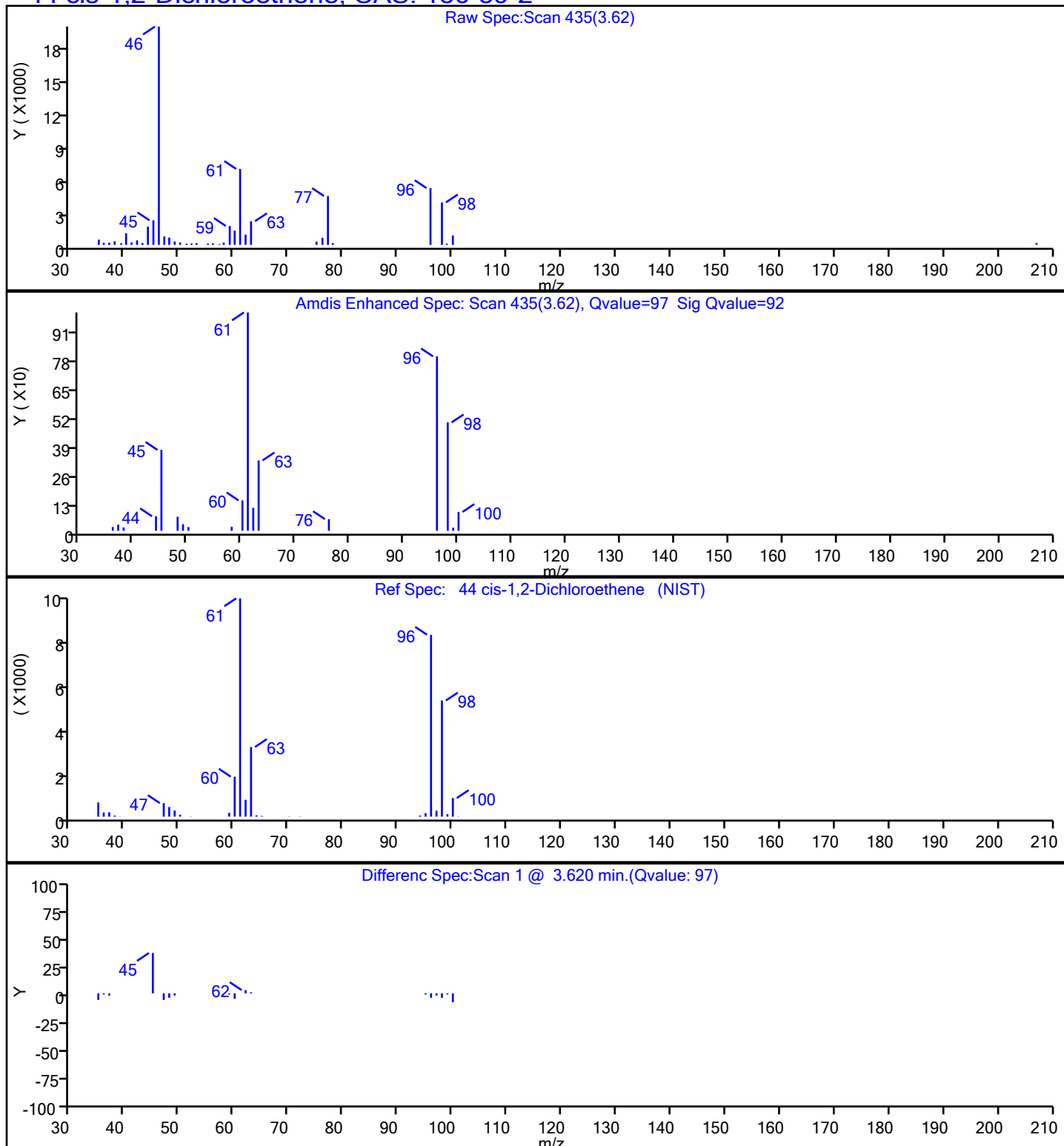
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

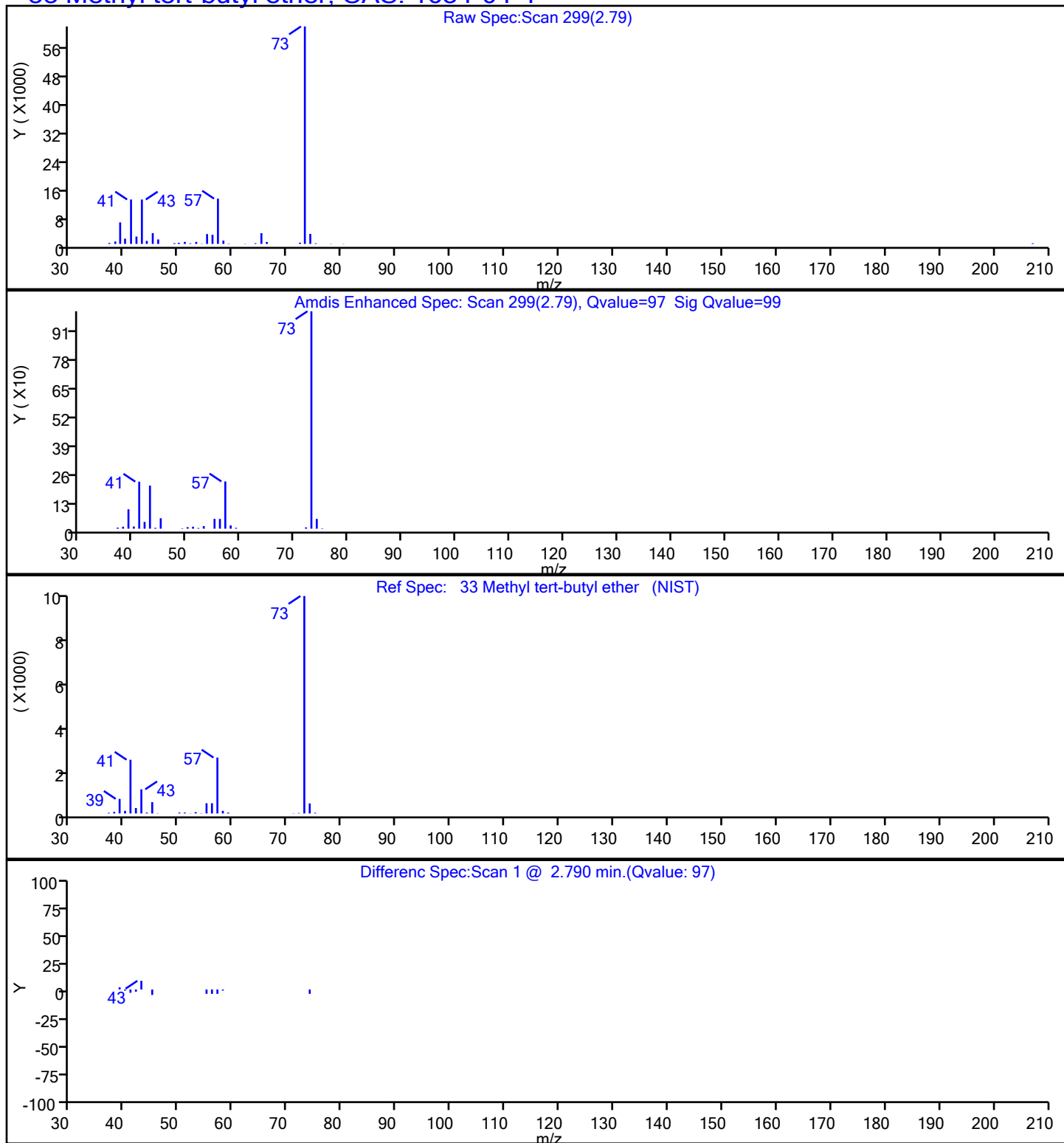
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

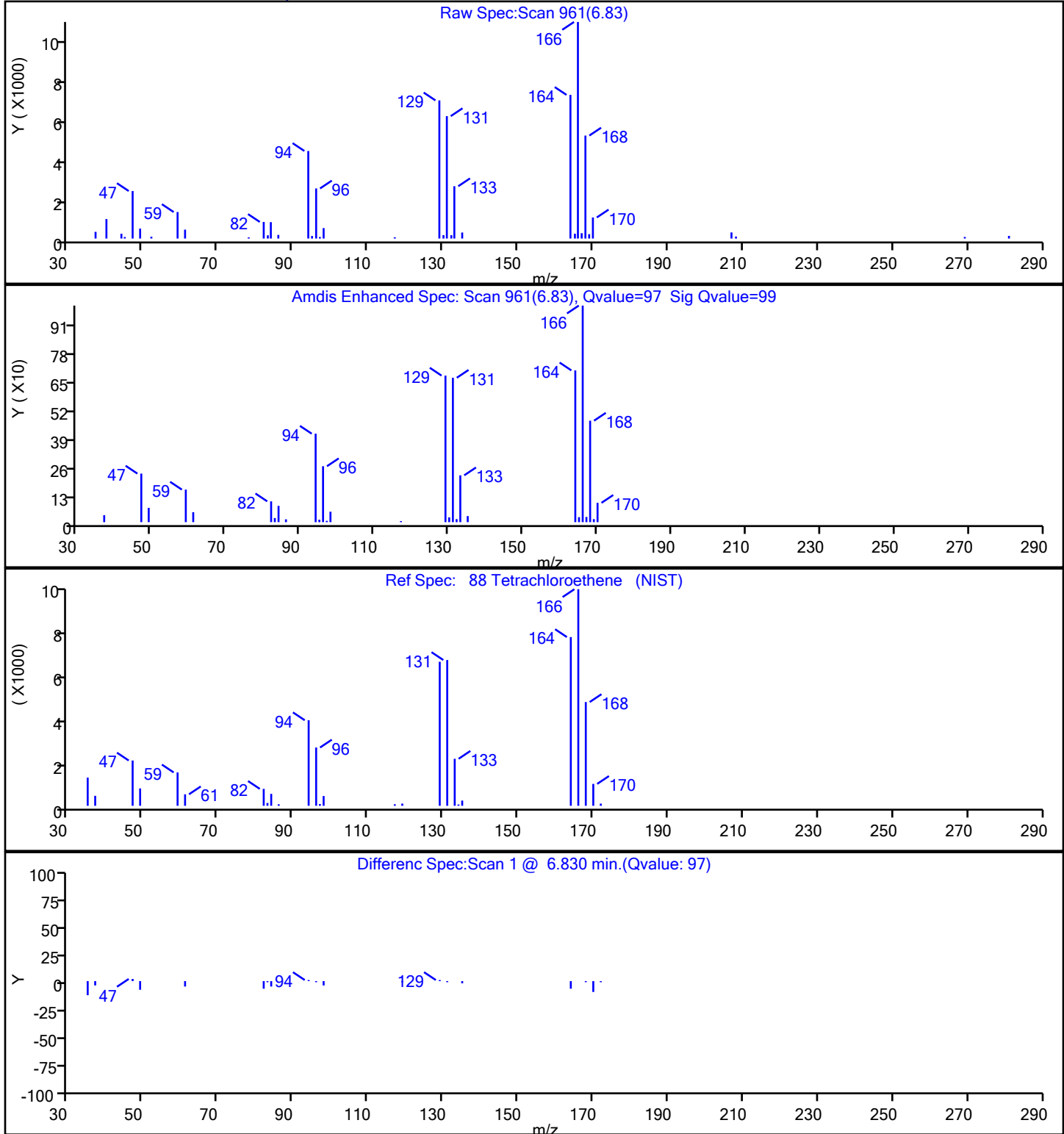
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

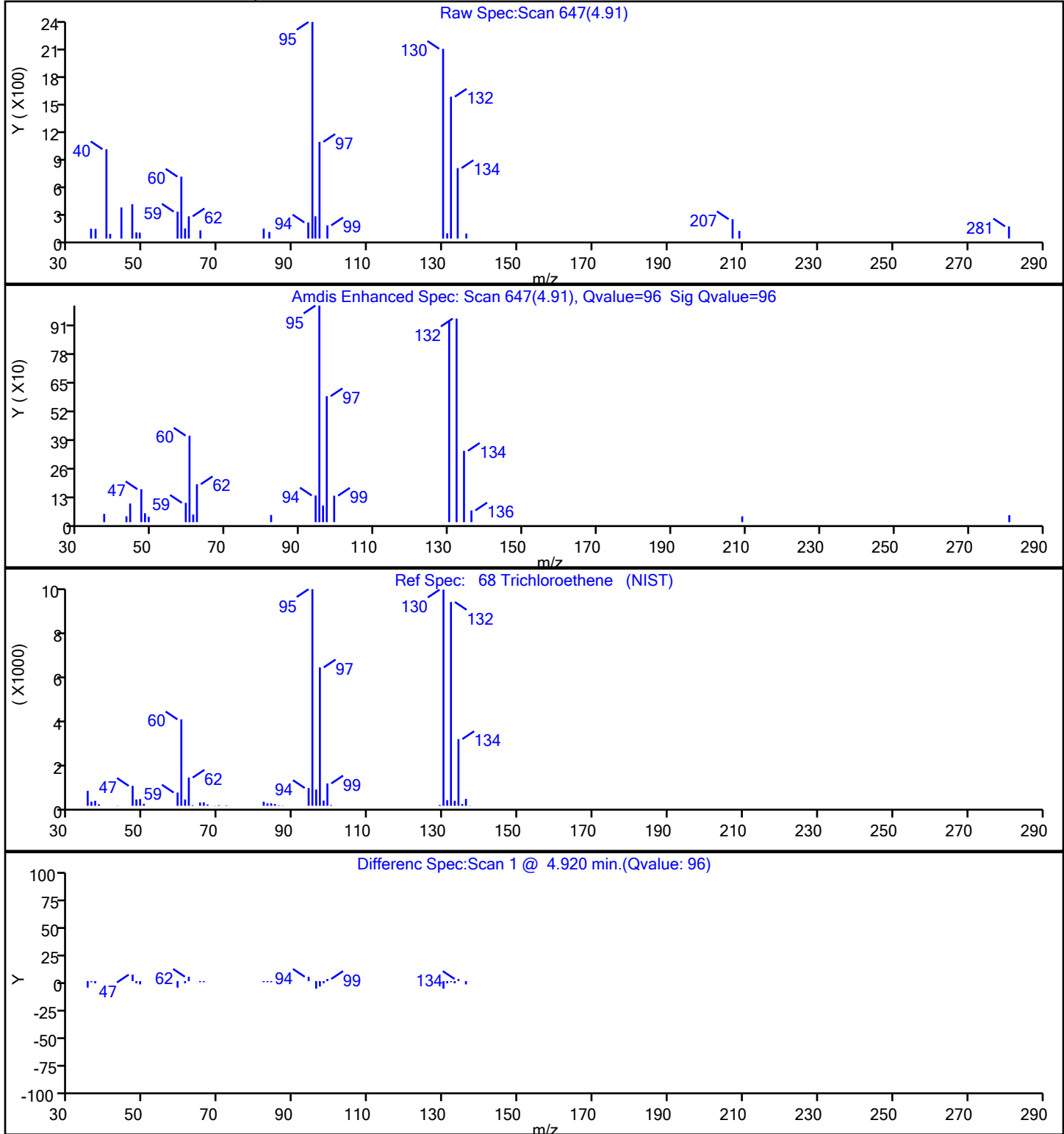
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

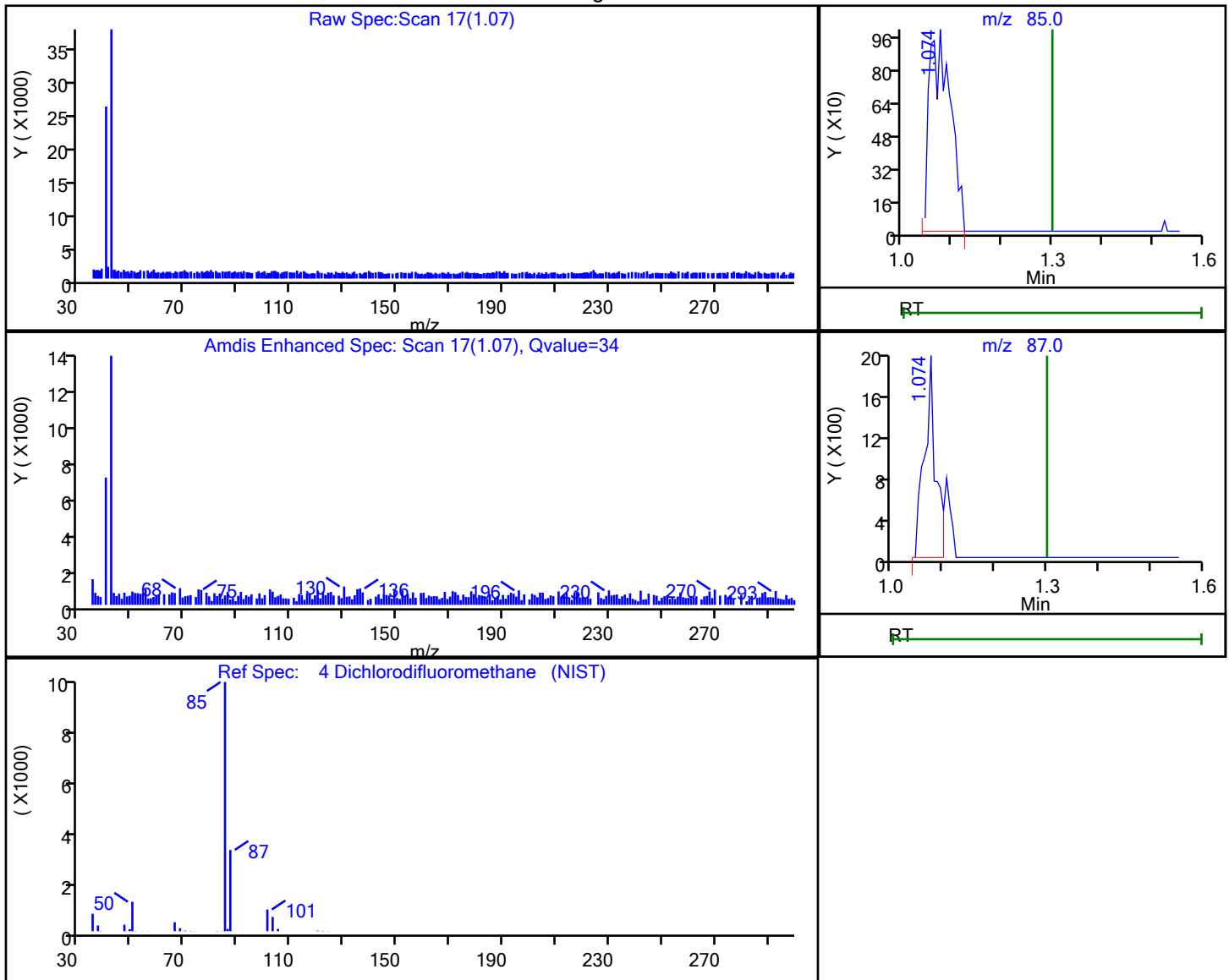
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	2893	0.485274
1.07	87.00	2985	

Reviewer: parekhv, 04-Jan-2021 17:30:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135636.D

Injection Date: 04-Jan-2021 14:10:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-1

Lab Sample ID: 460-225707-1

Client ID: MW-11

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

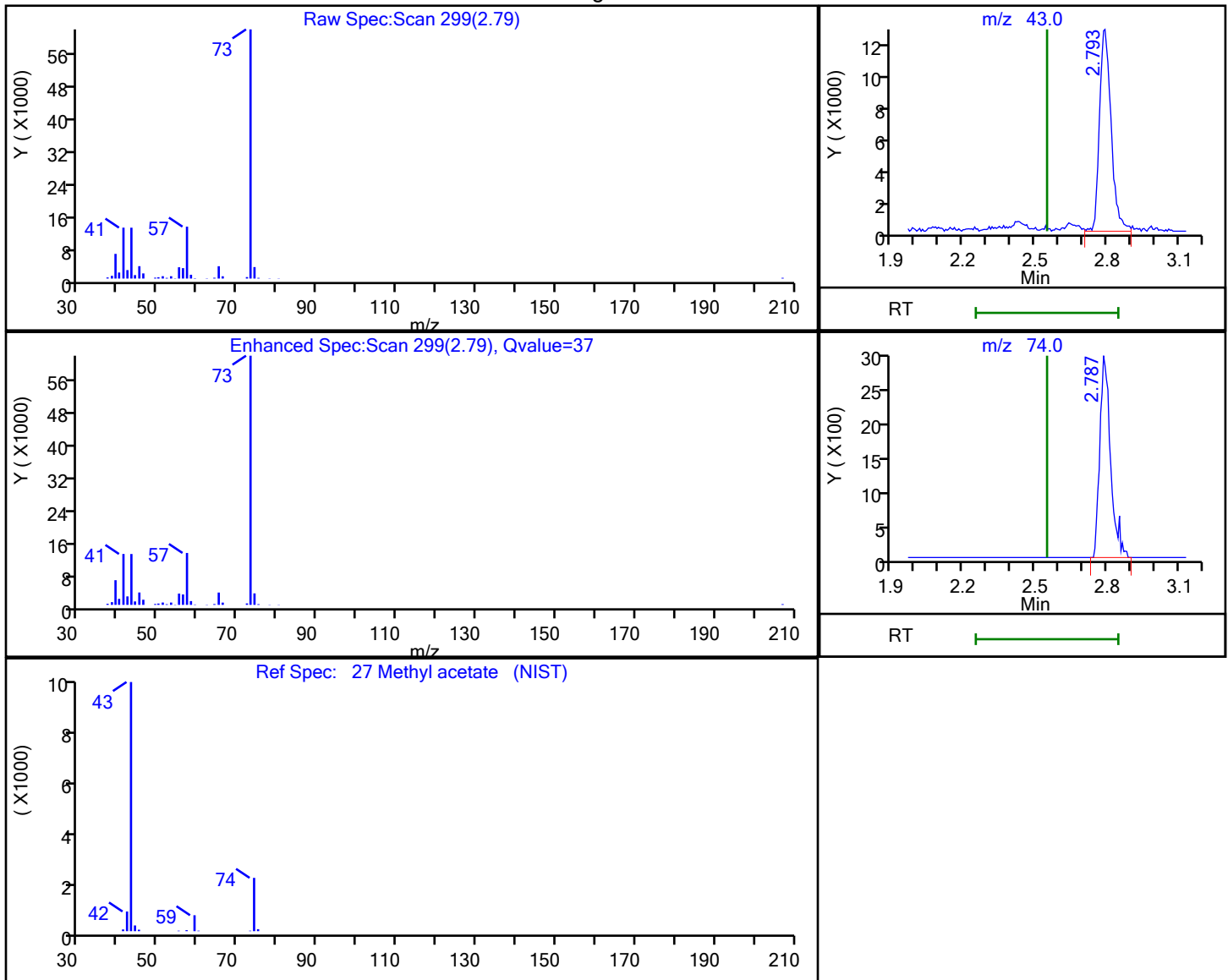
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.79	43.00	42563	15.944950
2.79	74.00	9308	

Reviewer: parekhv, 04-Jan-2021 17:30:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: MW-12 Lab Sample ID: 460-225707-2

Matrix: Water Lab File ID: TT135628.D

Analysis Method: 8260D Date Collected: 12/30/2020 10:03

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 11:25

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-12 Lab Sample ID: 460-225707-2
 Matrix: Water Lab File ID: TT135628.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:03
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 11:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	3.4		1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	96		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D
 Lims ID: 460-225707-B-2
 Client ID: MW-12
 Sample Type: Client
 Inject. Date: 04-Jan-2021 11:25:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-2
 Misc. Info.: 460-0122442-016
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 10:29:27 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1666

First Level Reviewer: parekhv

Date: 04-Jan-2021 17:27:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Isopropyl alcohol	45	2.427	2.421	0.006	97	8828	35.7	
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	43487	1000.0	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	97	32356	3.42	
* 42 2-Butanone-d5	46	3.591	3.592	-0.001	100	289655	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	96	133211	48.3	
59 Isooctane	57	4.299	4.305	-0.006	99	15400	1.07	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	97	150454	47.8	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	548302	50.0	
* 72 1,4-Dioxane-d8	96	5.256	5.250	0.006	88	25297	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.170	6.176	-0.006	99	440419	46.0	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	372105	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	140072	49.2	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	209362	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D

Injection Date: 04-Jan-2021 11:25:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2

Lab Sample ID: 460-225707-2

Client ID: MW-12

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

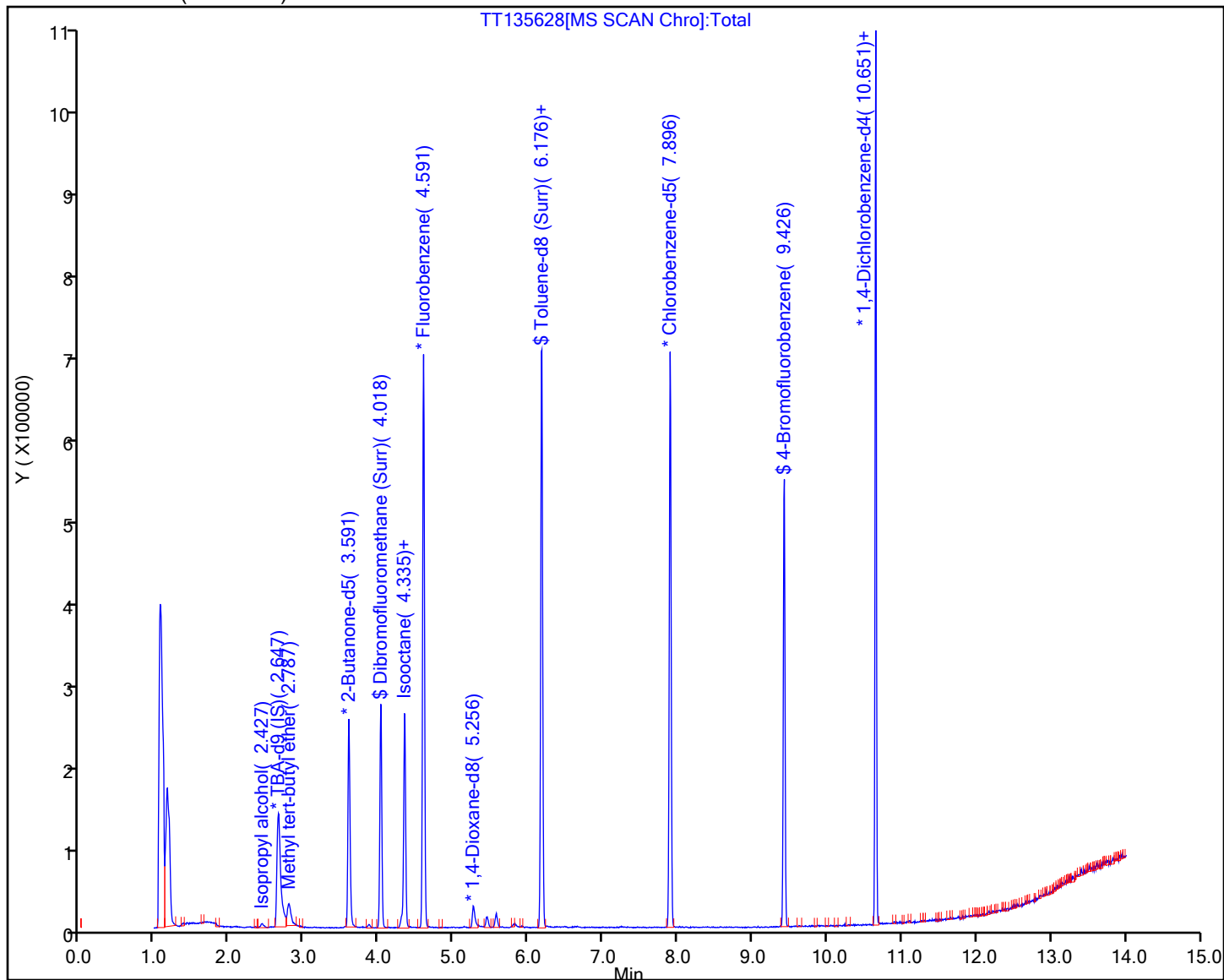
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D

Injection Date: 04-Jan-2021 11:25:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2

Lab Sample ID: 460-225707-2

Client ID: MW-12

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

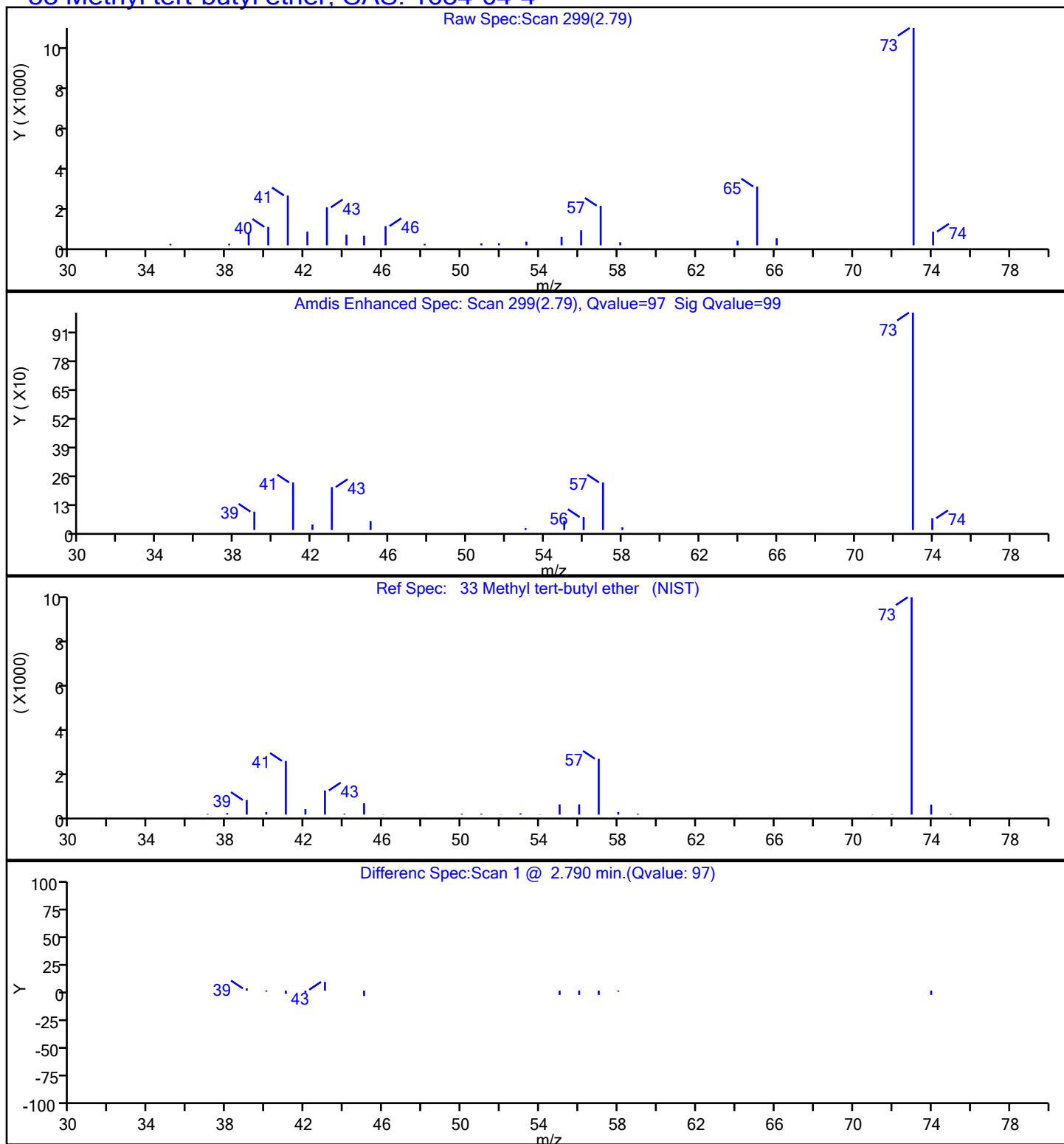
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D

Injection Date: 04-Jan-2021 11:25:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2

Lab Sample ID: 460-225707-2

Client ID: MW-12

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

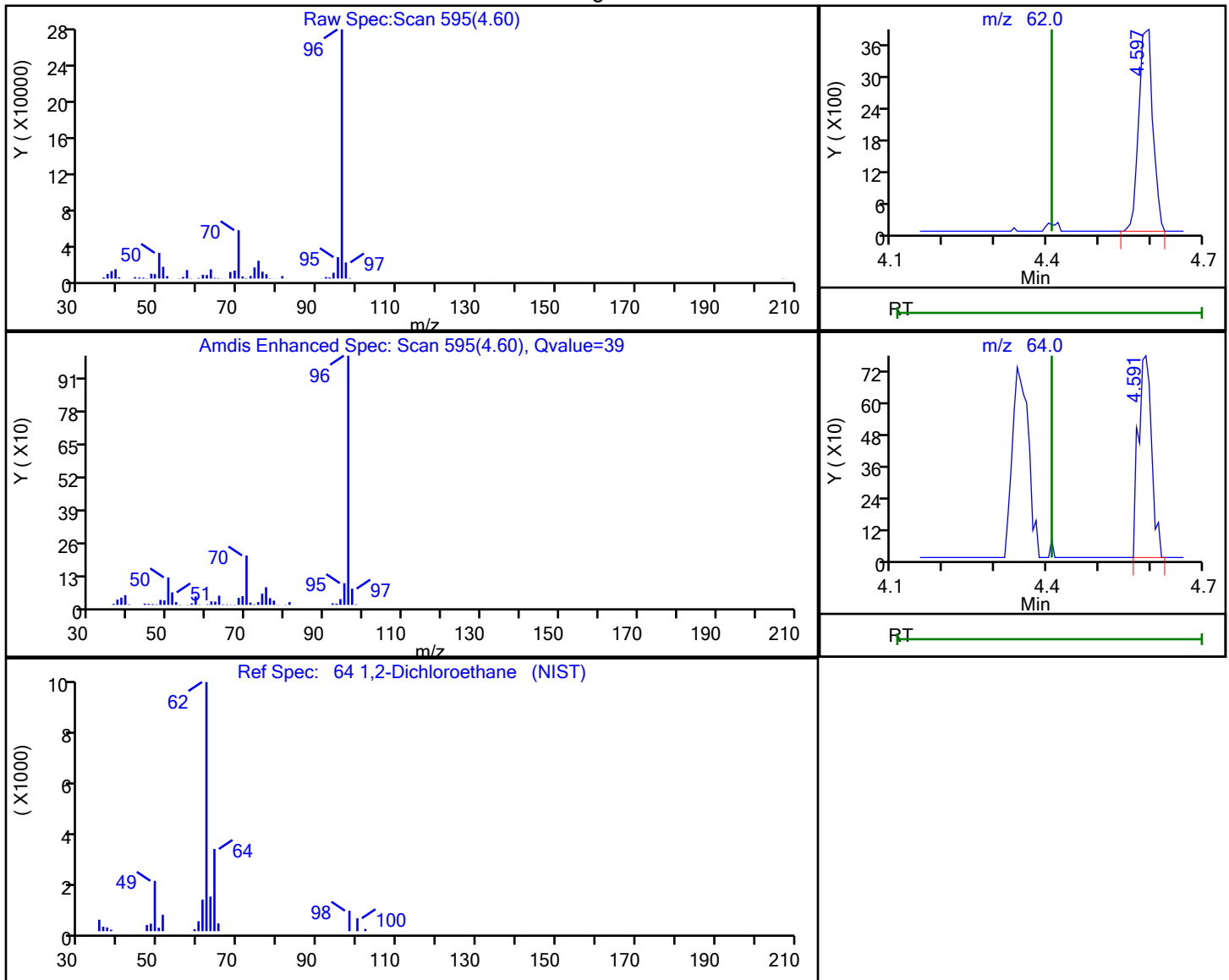
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.60	62.00	7402	1.730497
4.59	64.00	1373	

Reviewer: parekhv, 04-Jan-2021 17:27:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D

Injection Date: 04-Jan-2021 11:25:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2

Lab Sample ID: 460-225707-2

Client ID: MW-12

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

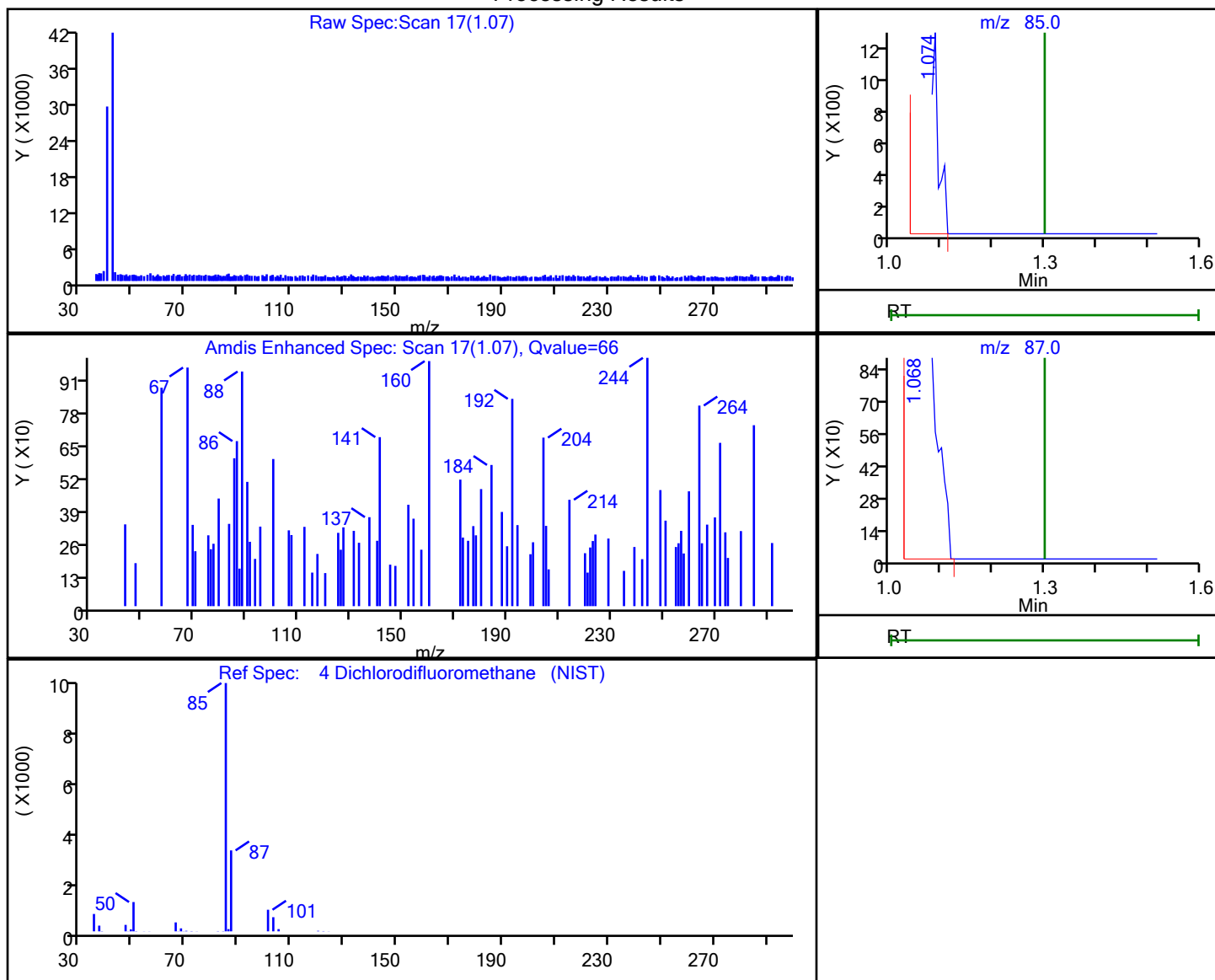
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	4298	0.695385
1.07	87.00	3358	

Reviewer: parekhv, 04-Jan-2021 17:27:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135628.D

Injection Date: 04-Jan-2021 11:25:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2

Lab Sample ID: 460-225707-2

Client ID: MW-12

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

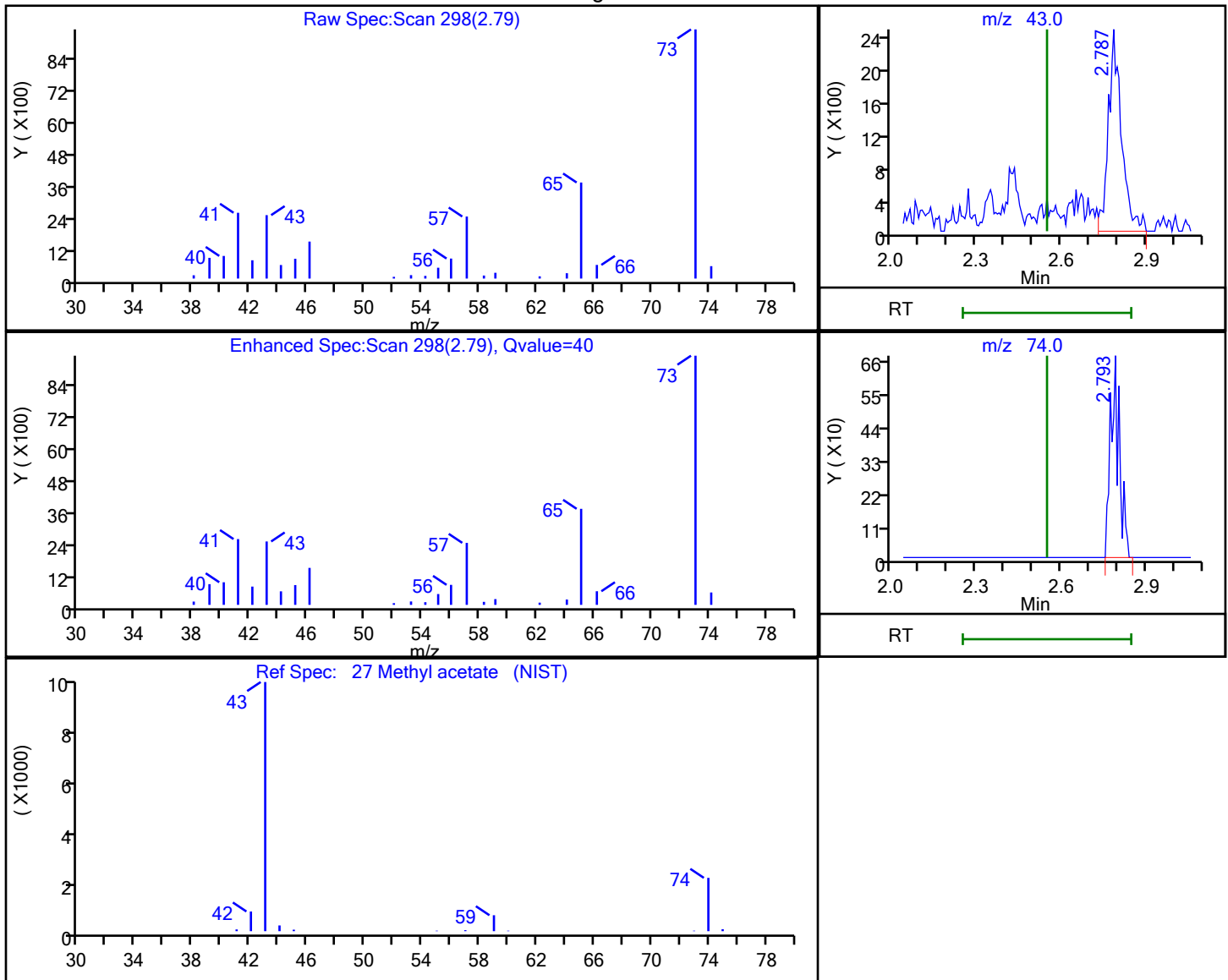
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.79	43.00	7792	2.815529
2.79	74.00	1467	

Reviewer: parekhv, 04-Jan-2021 17:27:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: MW-10 Lab Sample ID: 460-225707-3

Matrix: Water Lab File ID: TT135657.D

Analysis Method: 8260D Date Collected: 12/30/2020 10:55

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 22:24

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	10	U	10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	3.7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1
79-00-5	1,1,2-Trichloroethane	10	U	10	2.0
75-34-3	1,1-Dichloroethane	10	U	10	2.6
75-35-4	1,1-Dichloroethene	10	U	10	2.6
87-61-6	1,2,3-Trichlorobenzene	10	U	10	3.6
120-82-1	1,2,4-Trichlorobenzene	10	U	10	3.7
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	3.8
106-93-4	Ethylene Dibromide	10	U	10	5.0
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	4.3
78-87-5	1,2-Dichloropropane	10	U	10	3.5
541-73-1	1,3-Dichlorobenzene	10	U	10	3.4
106-46-7	1,4-Dichlorobenzene	10	U	10	3.3
78-93-3	2-Butanone (MEK)	50	U	50	19
591-78-6	2-Hexanone	50	U	50	11
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	50	13
67-64-1	Acetone	50	U	50	44
71-43-2	Benzene	10	U	10	2.0
74-97-5	Chlorobromomethane	10	U	10	4.1
75-27-4	Dichlorobromomethane	10	U	10	3.4
75-25-2	Bromoform	10	U	10	5.4
74-83-9	Bromomethane	10	U	10	5.5
75-15-0	Carbon disulfide	10	U	10	8.2
56-23-5	Carbon tetrachloride	10	U	10	2.1
108-90-7	Chlorobenzene	10	U	10	3.8
75-00-3	Chloroethane	10	U	10	3.2
67-66-3	Chloroform	10	U	10	3.3
74-87-3	Chloromethane	10	U	10	4.0
156-59-2	cis-1,2-Dichloroethene	85		10	2.2
10061-01-5	cis-1,3-Dichloropropene	10	U	10	2.2
110-82-7	Cyclohexane	10	U	10	3.2
124-48-1	Chlorodibromomethane	10	U	10	2.8
75-71-8	Dichlorodifluoromethane	10	U	10	3.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-10 Lab Sample ID: 460-225707-3
 Matrix: Water Lab File ID: TT135657.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:55
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 22:24
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10	U	10	3.0
98-82-8	Isopropylbenzene	10	U	10	3.4
179601-23-1	m-Xylene & p-Xylene	10	U	10	3.0
79-20-9	Methyl acetate	50	U	50	7.9
1634-04-4	Methyl tert-butyl ether	56		10	2.2
108-87-2	Methylcyclohexane	10	U	10	7.1
75-09-2	Methylene Chloride	10	U	10	3.2
95-47-6	o-Xylene	10	U	10	3.6
100-42-5	Styrene	10	U	10	4.2
127-18-4	Tetrachloroethene	2900		10	2.5
108-88-3	Toluene	10	U	10	3.8
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.4
10061-02-6	trans-1,3-Dichloropropene	10	U	10	2.2
79-01-6	Trichloroethene	190		10	3.1
75-69-4	Trichlorofluoromethane	10	U	10	3.2
75-01-4	Vinyl chloride	10	U	10	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
2037-26-5	Toluene-d8 (Surr)	94		80-120
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D
 Lims ID: 460-225707-A-3
 Client ID: MW-10
 Sample Type: Client
 Inject. Date: 04-Jan-2021 22:24:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-225707-A-3
 Misc. Info.: 460-0122467-017
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 19:32:13 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1607

First Level Reviewer: parekhv

Date: 04-Jan-2021 23:06:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.653	2.647	0.006	99	43336	1000.0	
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	97	54298	5.57	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	307291	250.0	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	98	34365	8.50	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	96	138555	48.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.341	0.000	97	158891	48.9	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	566000	50.0	
68 Trichloroethene	95	4.921	4.921	0.000	99	65930	19.1	
* 72 1,4-Dioxane-d8	96	5.268	5.262	0.006	90	26337	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.177	0.000	99	453984	46.8	
88 Tetrachloroethene	166	6.829	6.829	0.000	99	856539	287.4	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	377223	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	140692	48.8	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	210448	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 17

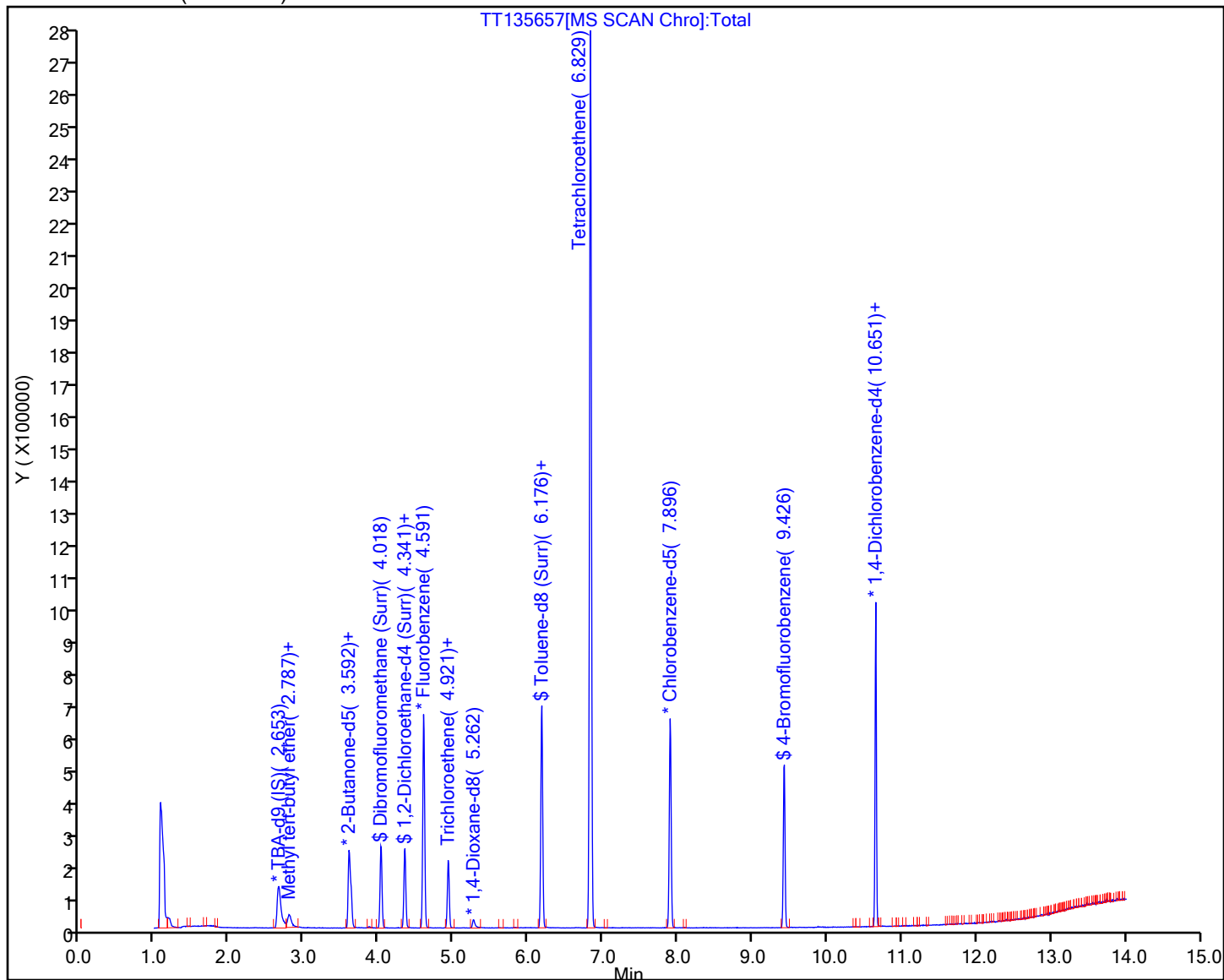
Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

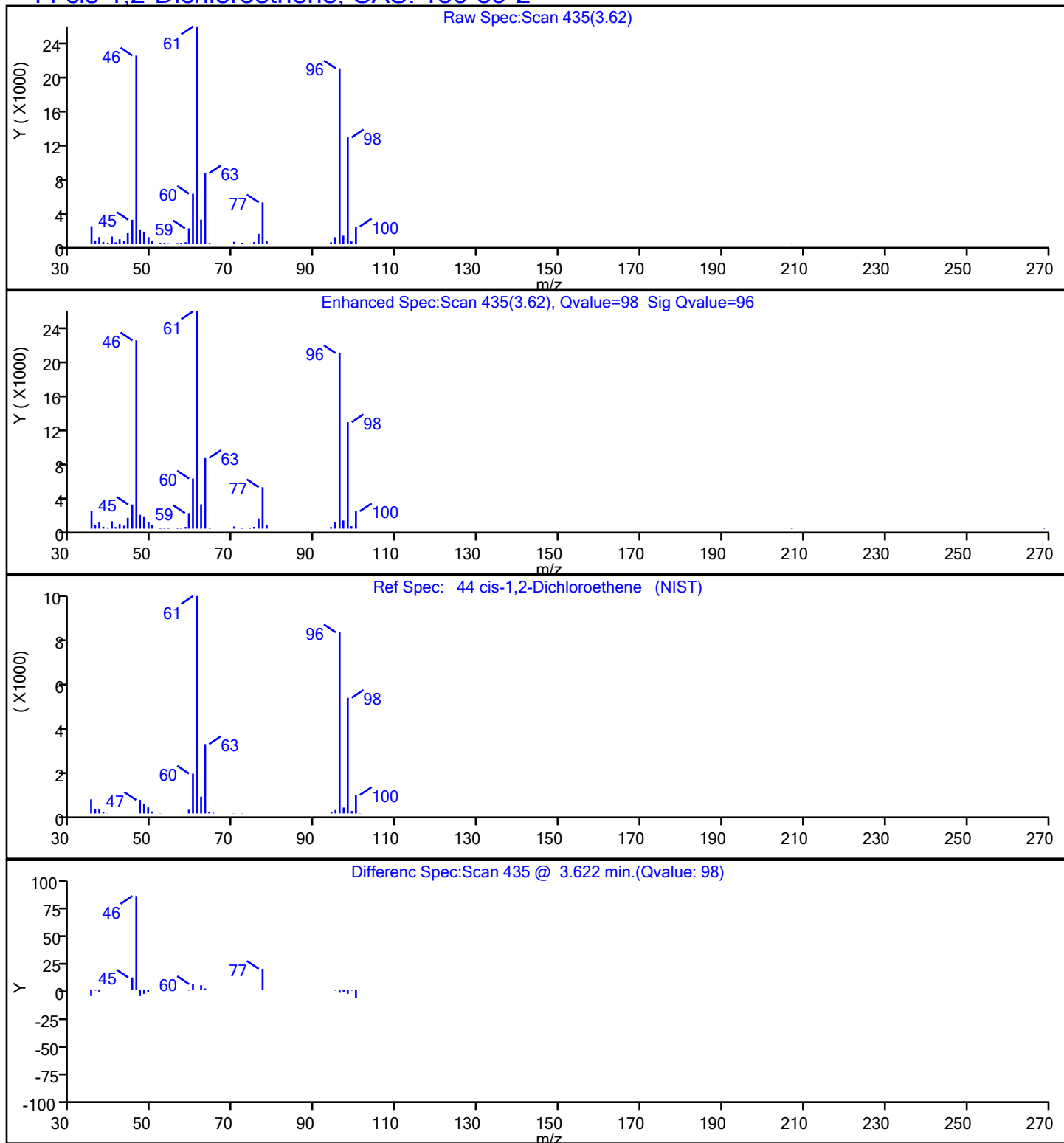
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

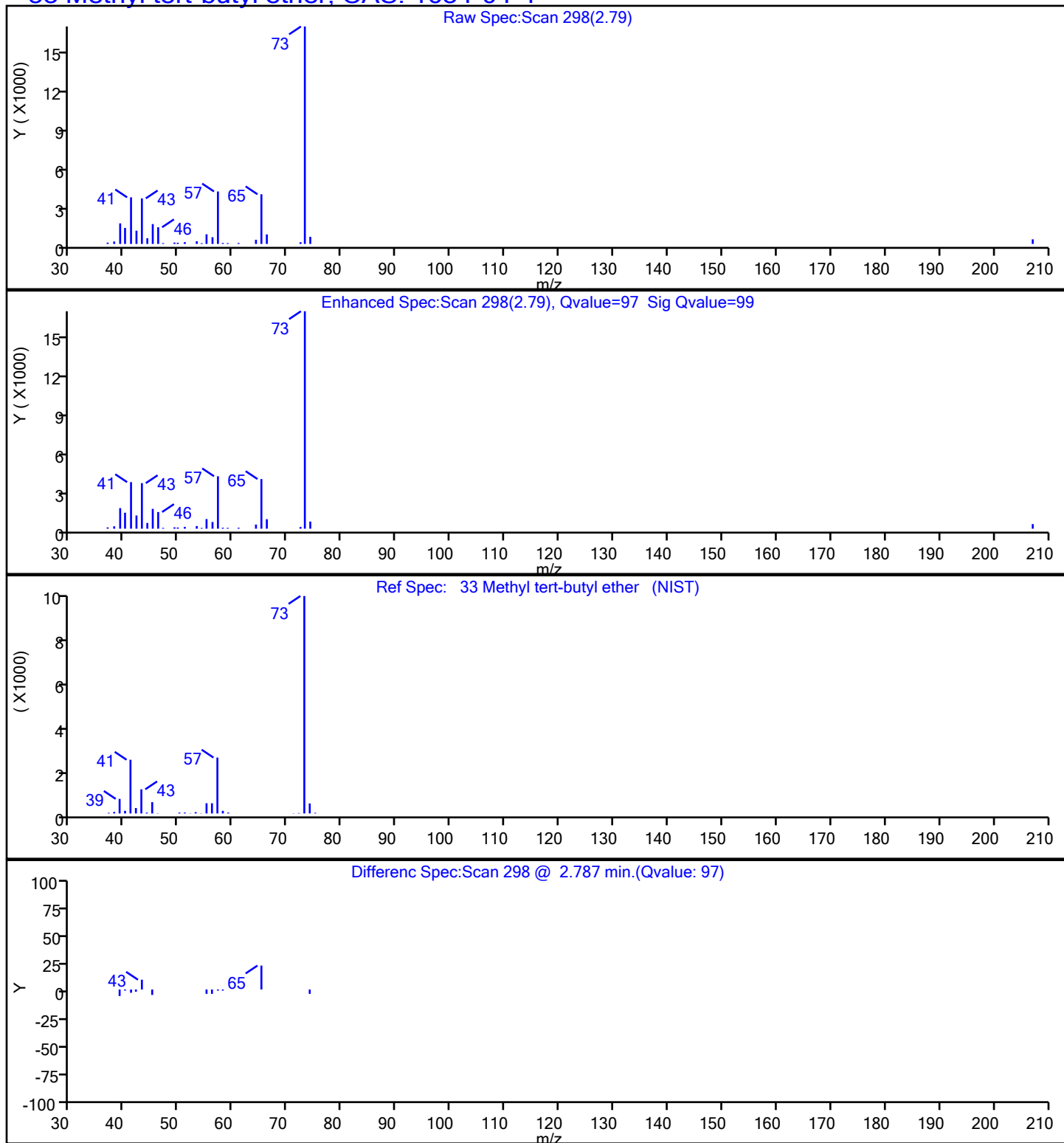
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

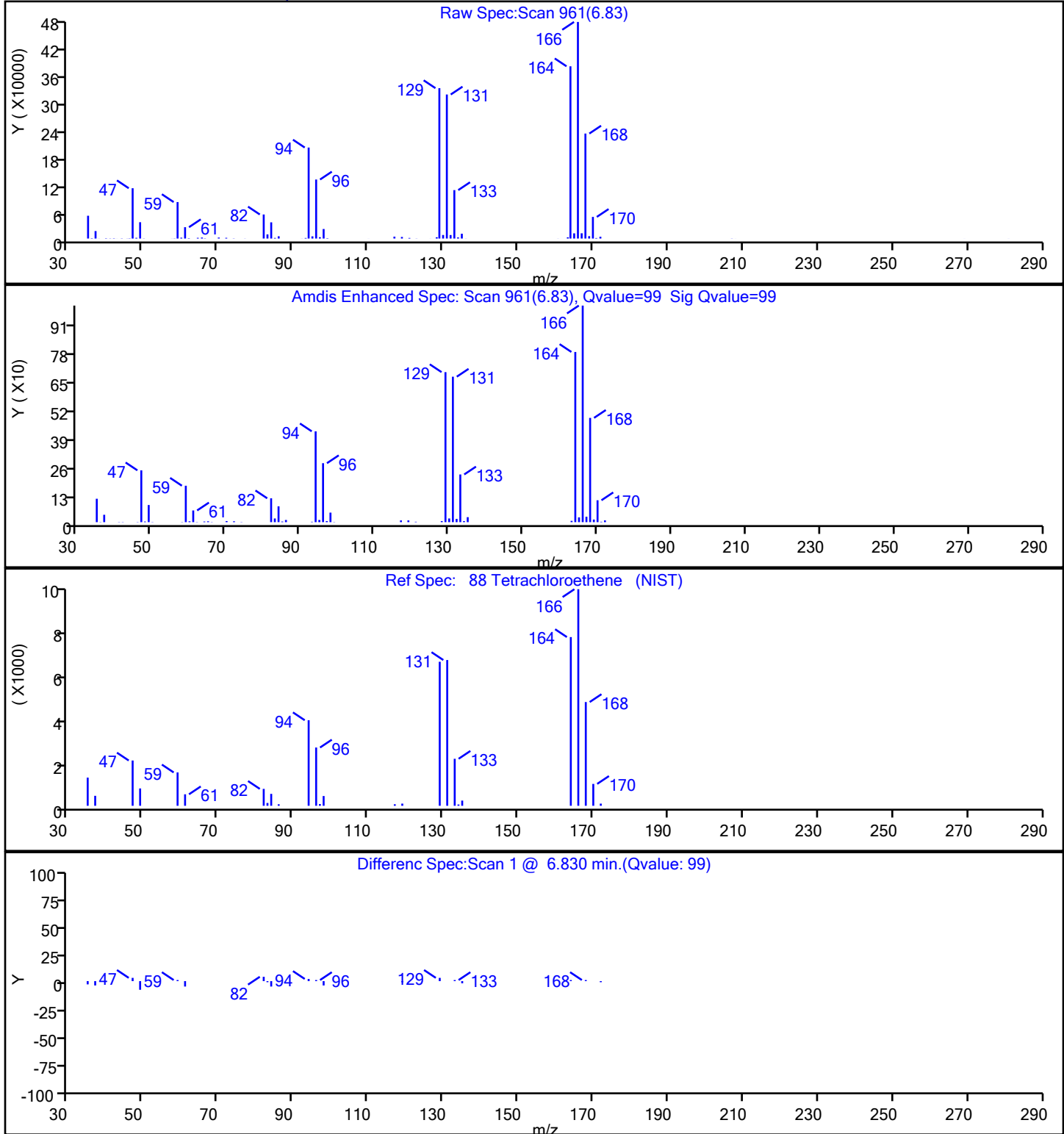
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

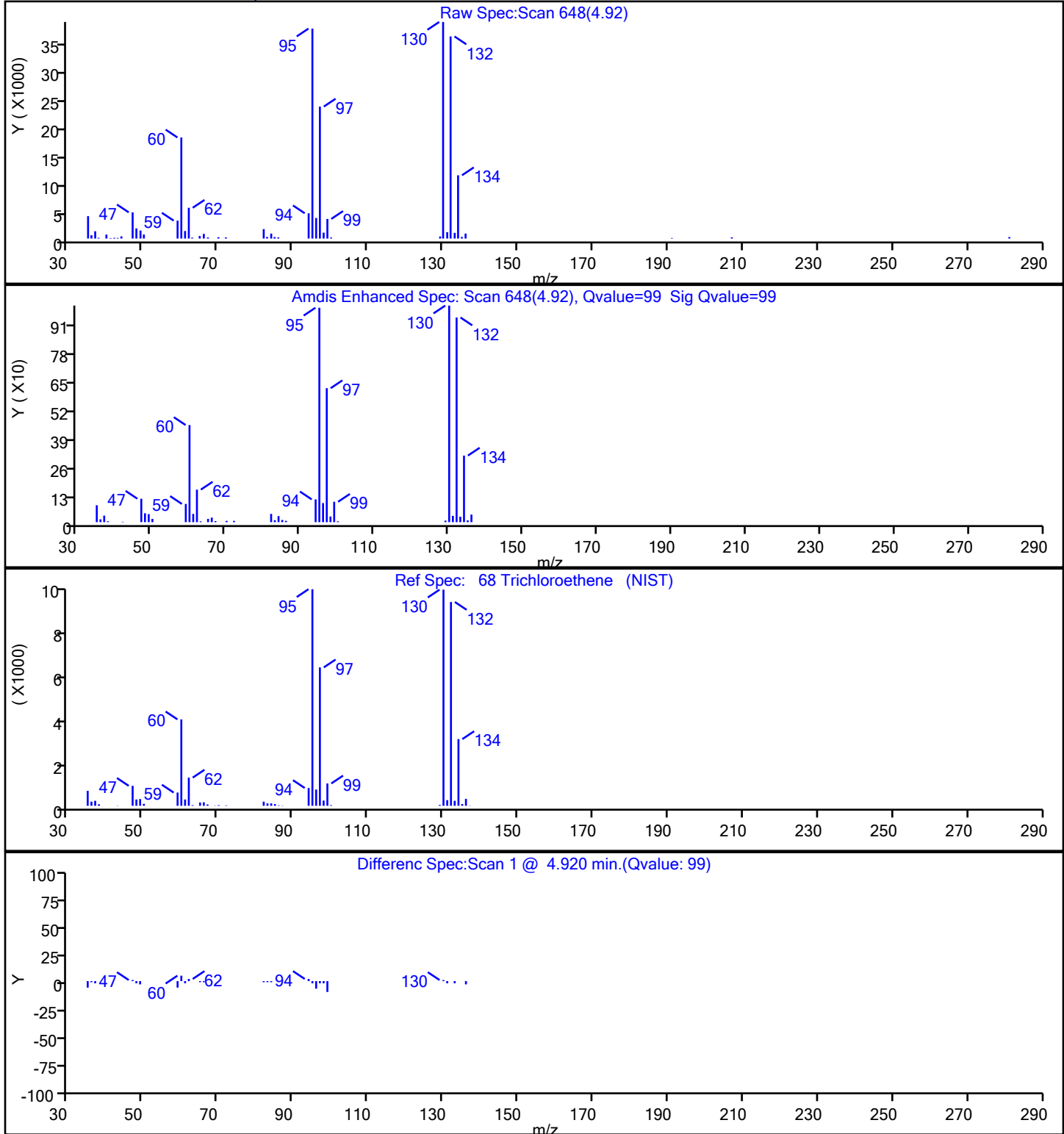
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

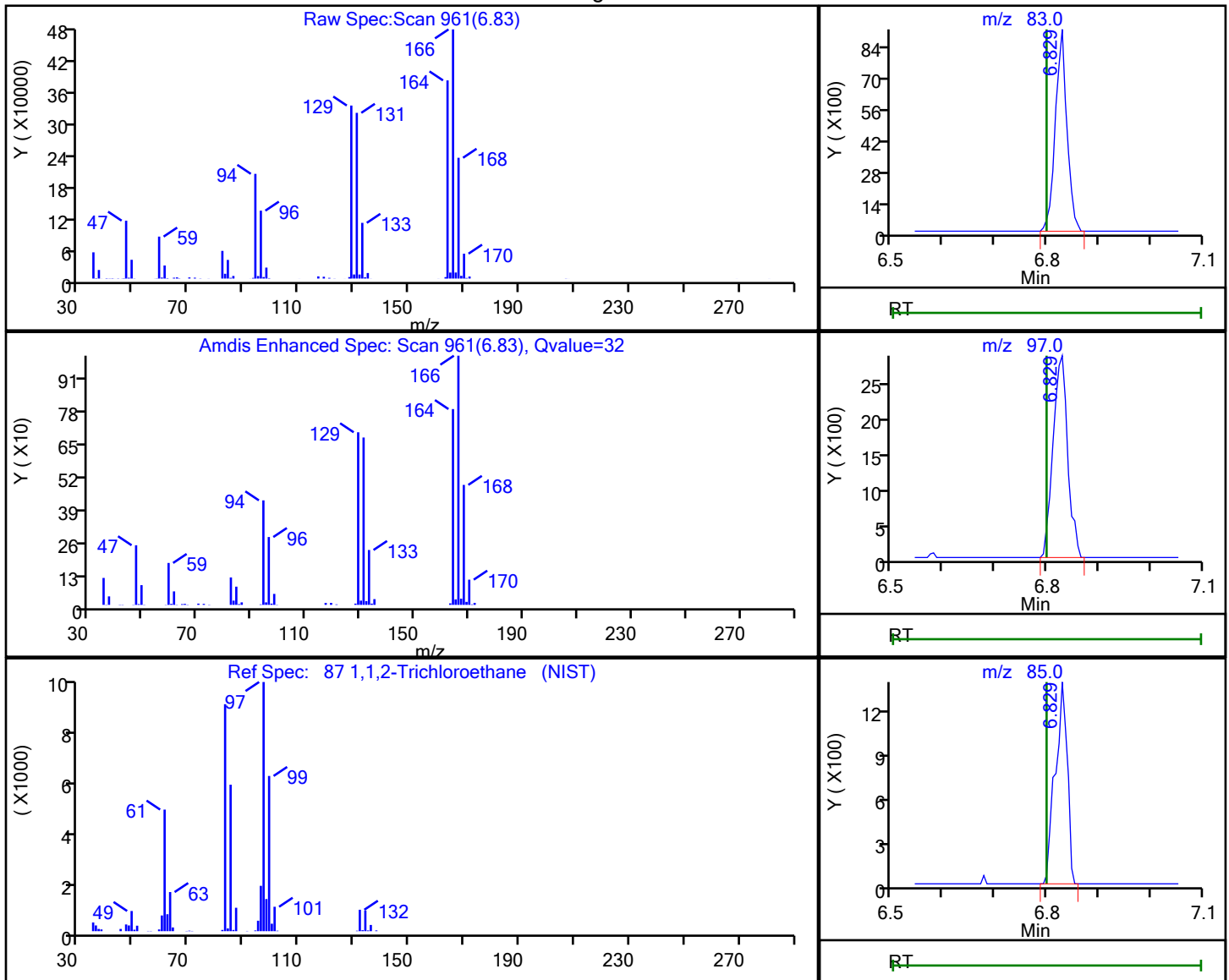
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.83	83.00	14295	5.623507
6.83	97.00	5681	
6.83	85.00	2219	

Reviewer: parekhv, 04-Jan-2021 23:03:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135657.D

Injection Date: 04-Jan-2021 22:24:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-3

Lab Sample ID: 460-225707-3

Client ID: MW-10

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

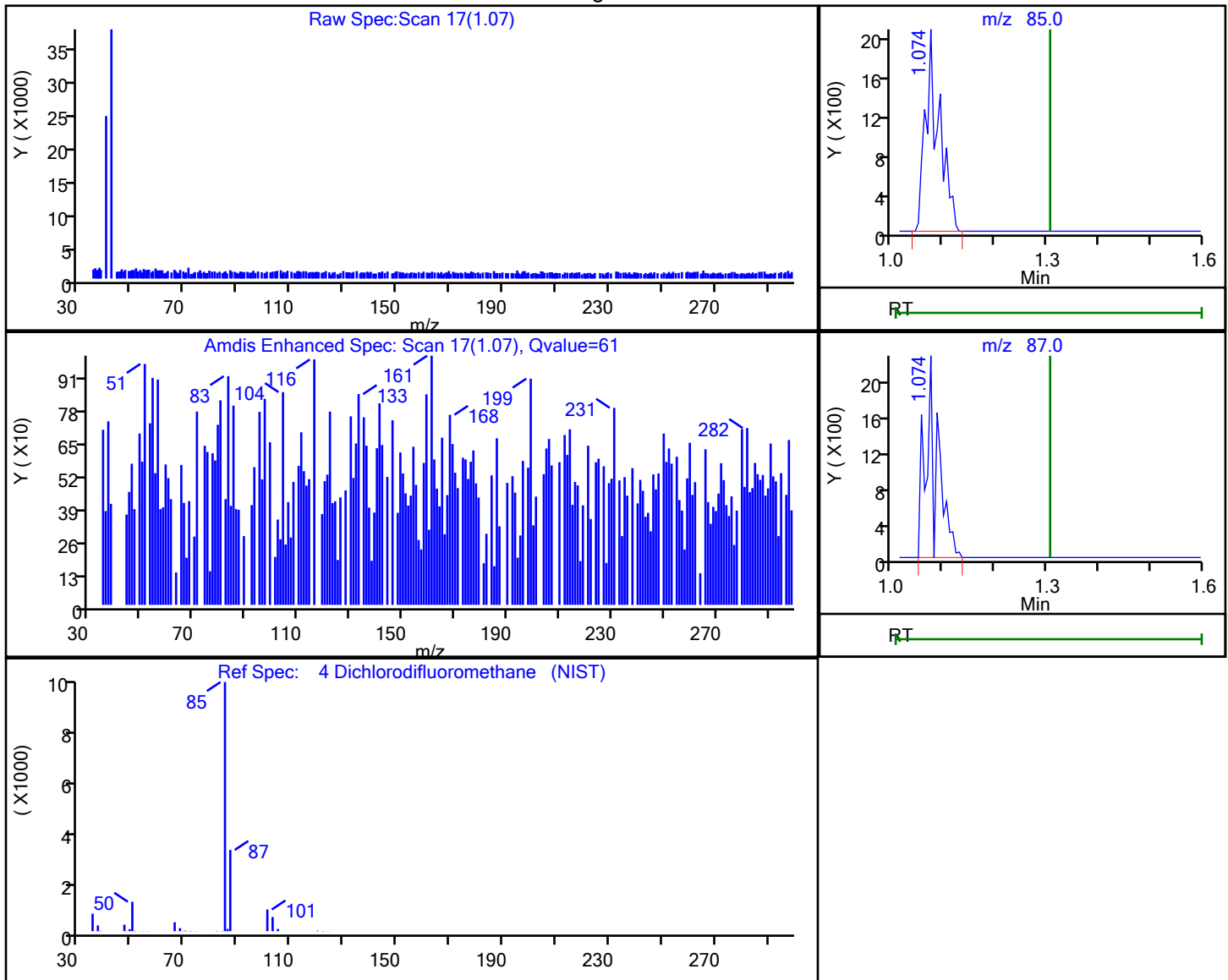
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	3892	0.610007
1.07	87.00	3696	

Reviewer: parekhv, 04-Jan-2021 23:03:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-9 Lab Sample ID: 460-225707-4
 Matrix: Water Lab File ID: TT135631.D
 Analysis Method: 8260D Date Collected: 12/30/2020 11:36
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 12:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
156-59-2	cis-1,2-Dichloroethene	8.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-9 Lab Sample ID: 460-225707-4
 Matrix: Water Lab File ID: TT135631.D
 Analysis Method: 8260D Date Collected: 12/30/2020 11:36
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 12:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	2.5		1.0	0.30
98-82-8	Isopropylbenzene	1.4		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	0.96	J	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.3		1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
95-47-6	o-Xylene	1.3		1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	6.5		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	0.22
79-01-6	Trichloroethene	1.8		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	98		75-123
2037-26-5	Toluene-d8 (Surr)	94		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D
 Lims ID: 460-225707-B-4
 Client ID: MW-9
 Sample Type: Client
 Inject. Date: 04-Jan-2021 12:27:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-4
 Misc. Info.: 460-0122442-019
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 10:54:22 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1666

First Level Reviewer: parekhv

Date: 04-Jan-2021 17:28:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.653	2.647	0.006	99	43081	1000.0	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	94	11638	1.25	a
34 trans-1,2-Dichloroethene	96	2.824	2.805	0.019	36	491	0.1397	a
* 42 2-Butanone-d5	46	3.598	3.592	0.006	100	291531	250.0	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	95	31346	8.13	
\$ 55 Dibromofluoromethane (Surr)	113	4.024	4.018	0.006	96	133716	49.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.335	0.007	98	152265	49.1	
* 66 Fluorobenzene	96	4.598	4.591	0.007	98	540233	50.0	
68 Trichloroethene	95	4.921	4.921	0.000	96	5776	1.75	
69 Methylcyclohexane	83	5.030	5.036	-0.006	59	1679	0.2676	Ma
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	89	24959	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.176	0.001	99	435298	46.9	
88 Tetrachloroethene	166	6.835	6.829	0.006	97	18663	6.54	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	361082	50.0	
96 Ethylbenzene	106	8.042	8.042	0.000	99	10647	2.55	
98 m-Xylene & p-Xylene	106	8.207	8.206	0.001	98	4906	0.9562	
99 o-Xylene	106	8.713	8.712	0.001	93	6731	1.25	
104 Isopropylbenzene	105	9.188	9.188	0.000	98	20752	1.40	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	140398	50.8	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	208772	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 19

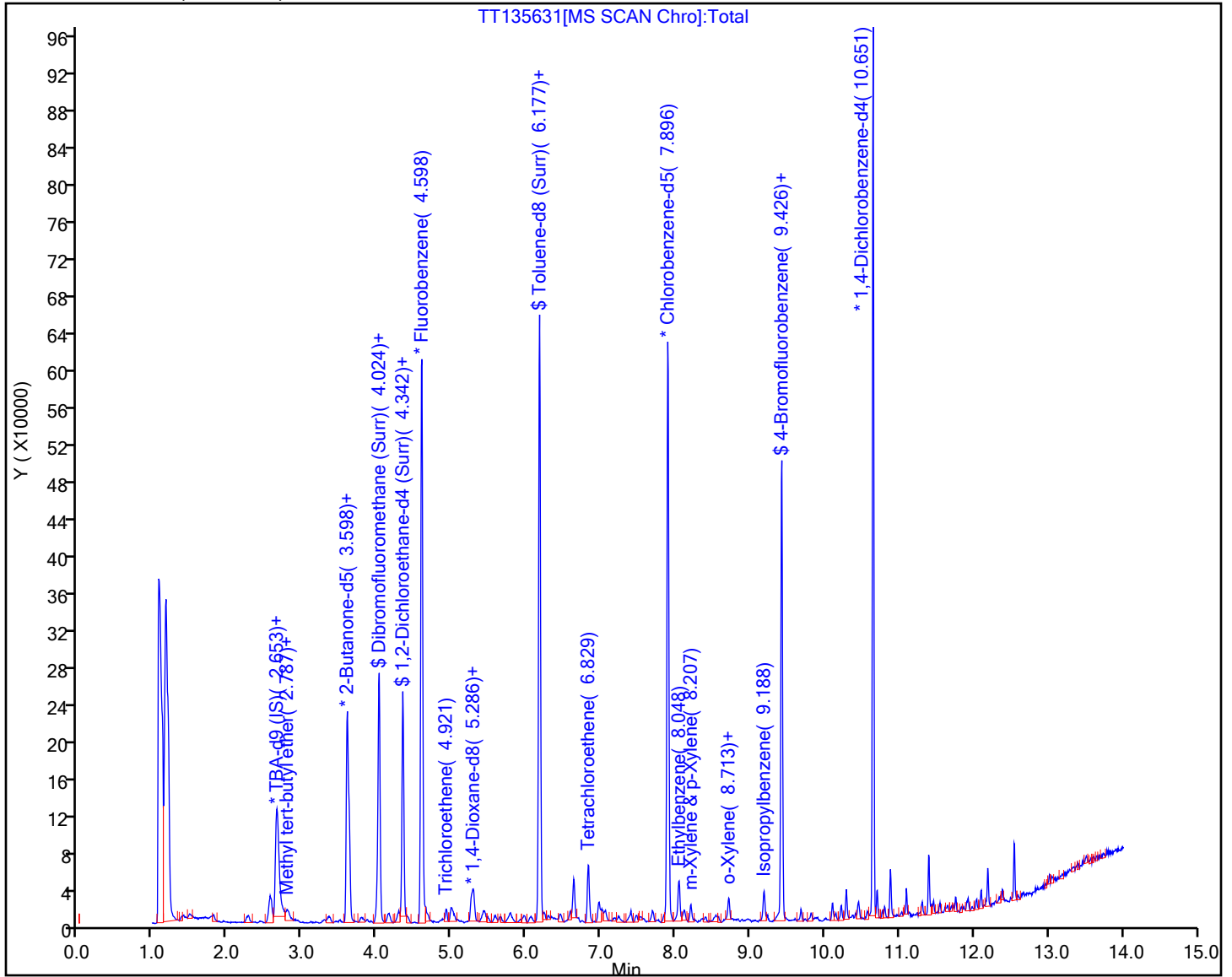
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

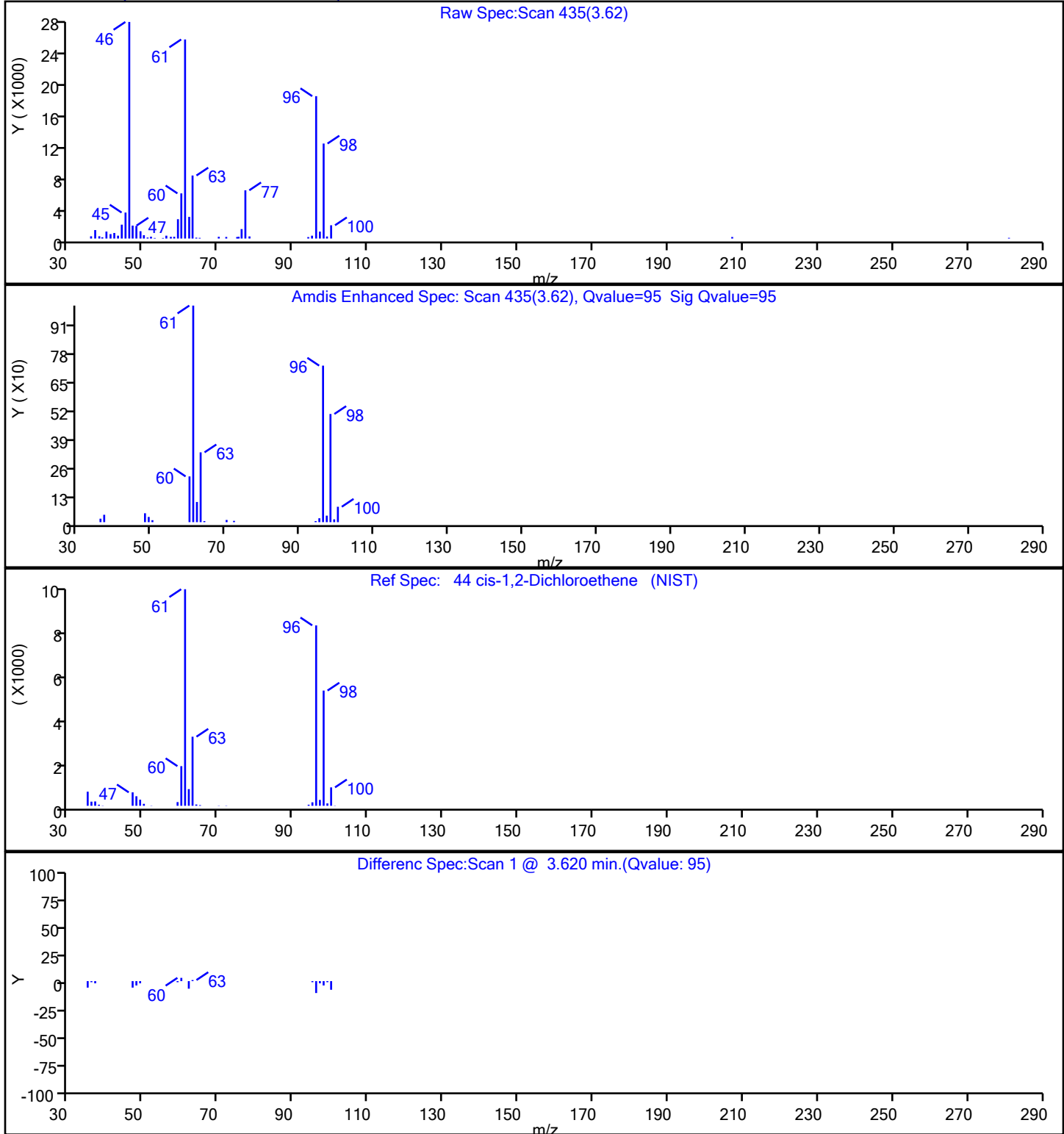
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

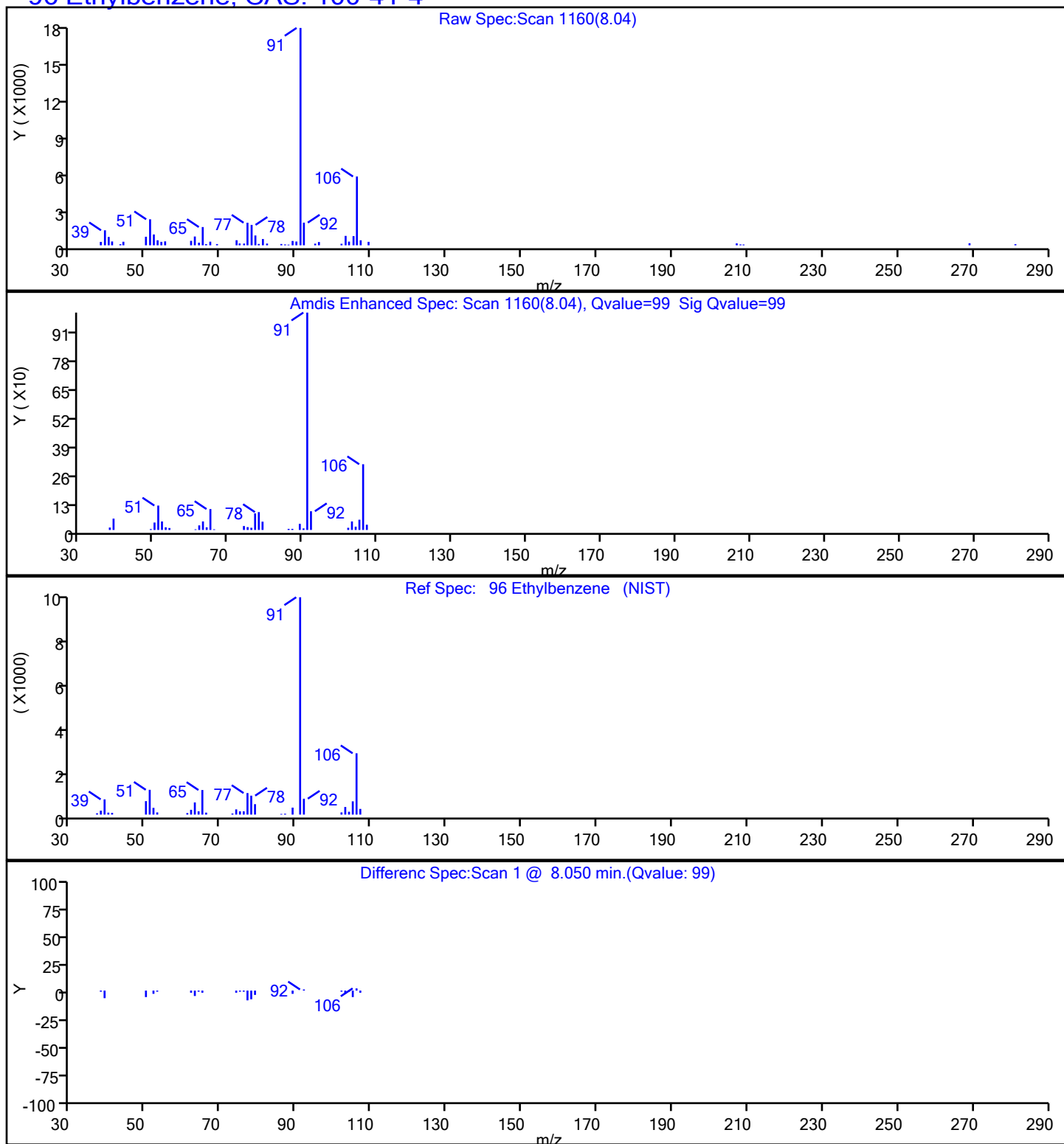
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

96 Ethylbenzene, CAS: 100-41-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

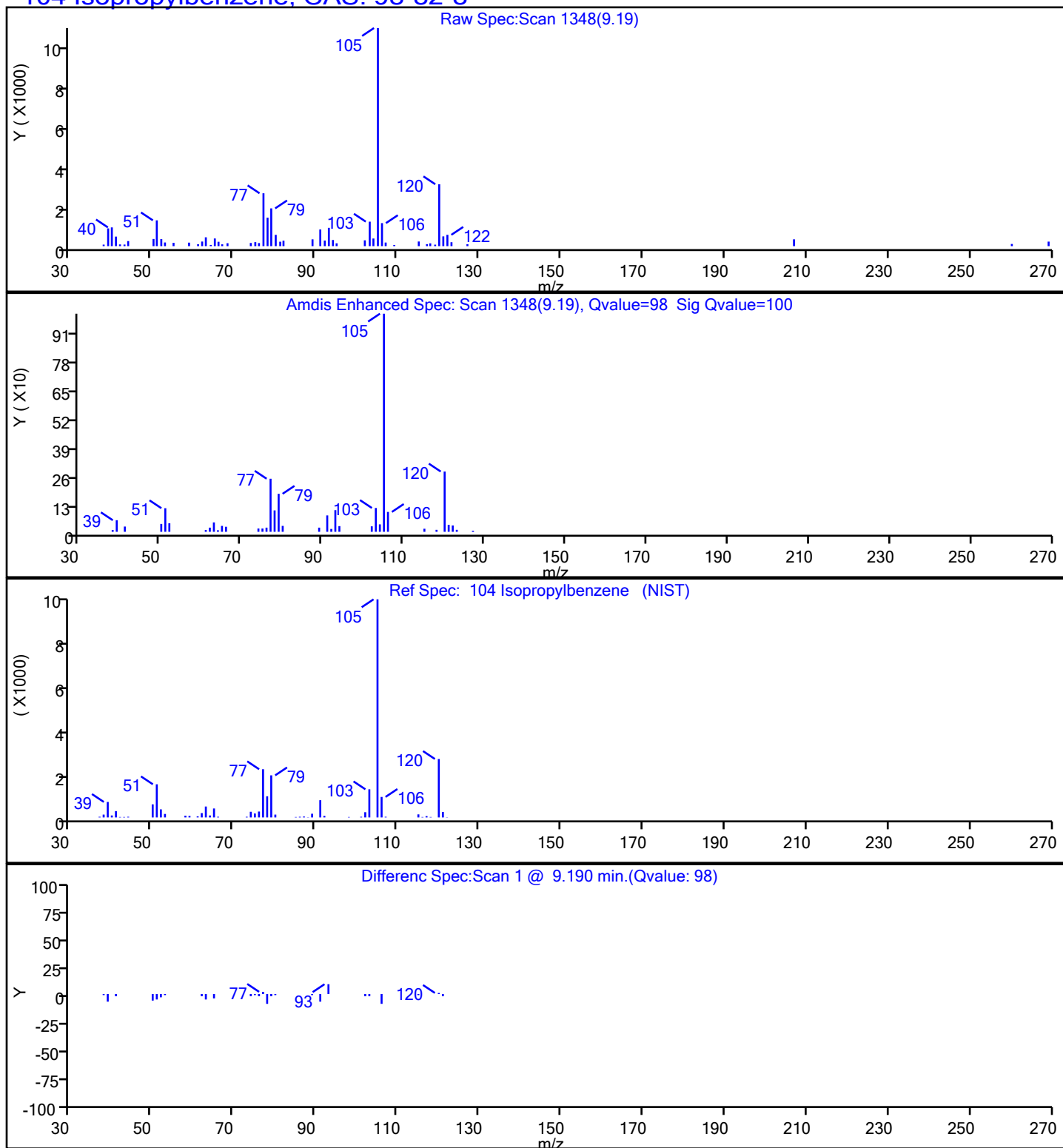
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

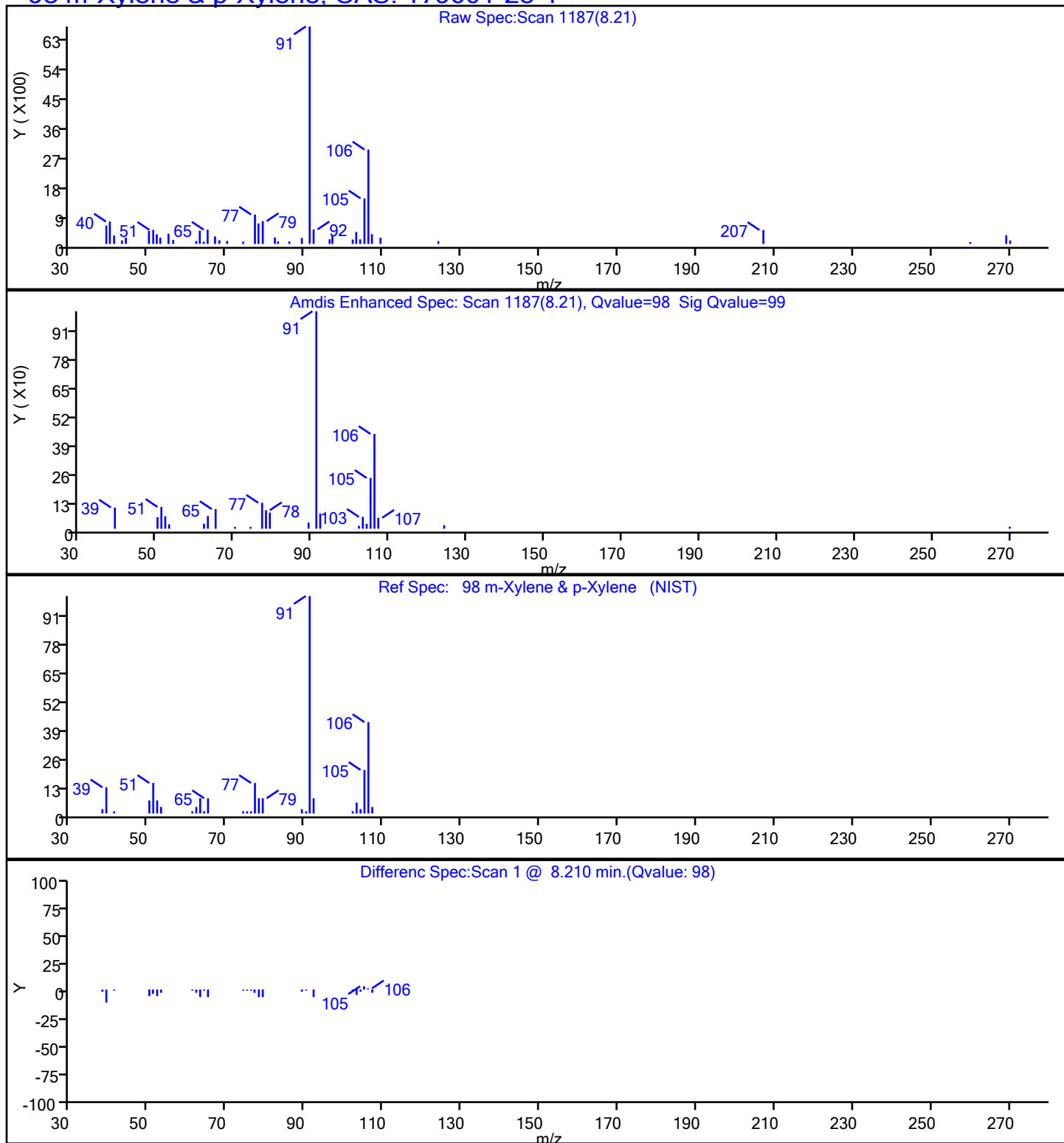
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

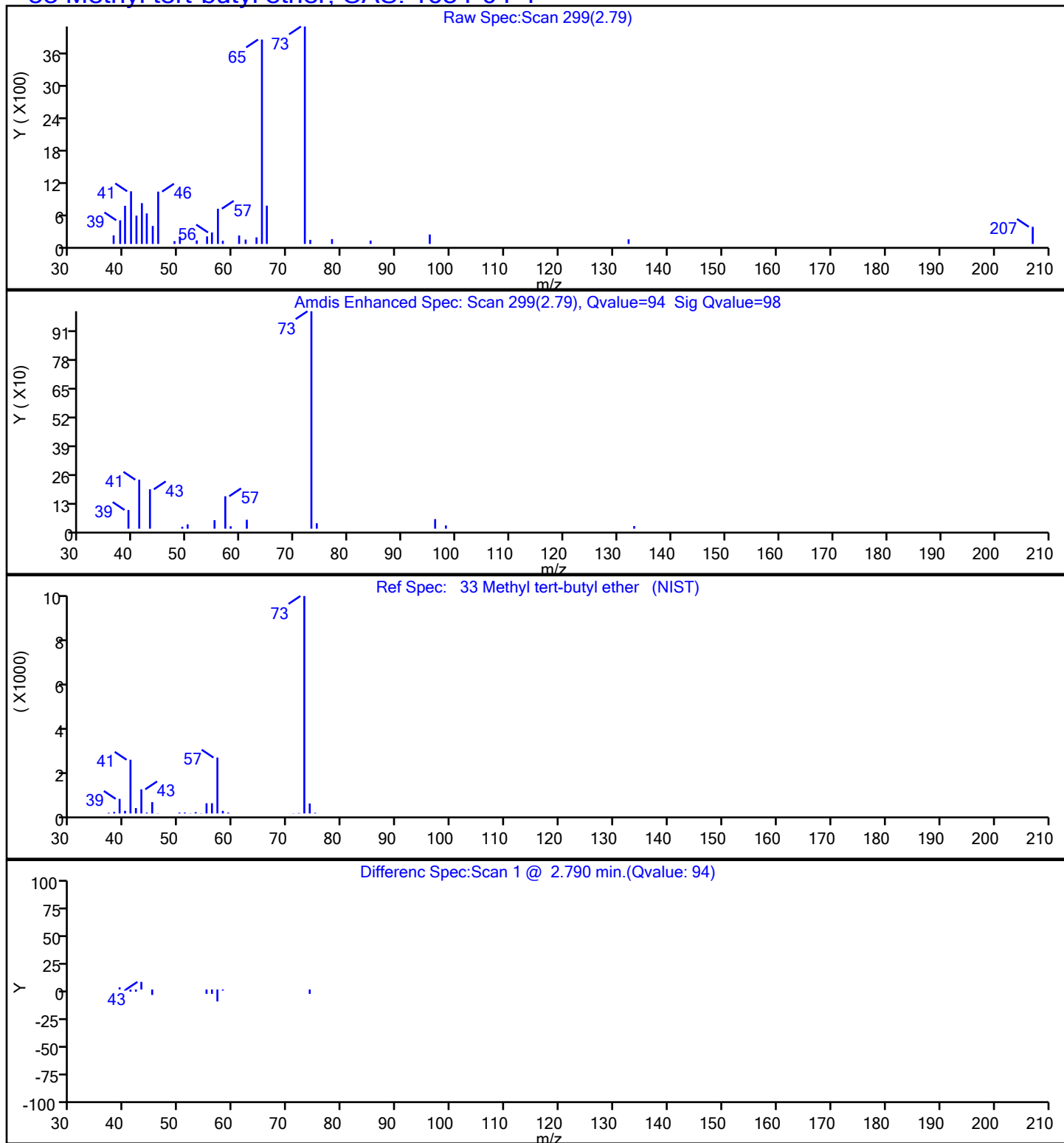
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

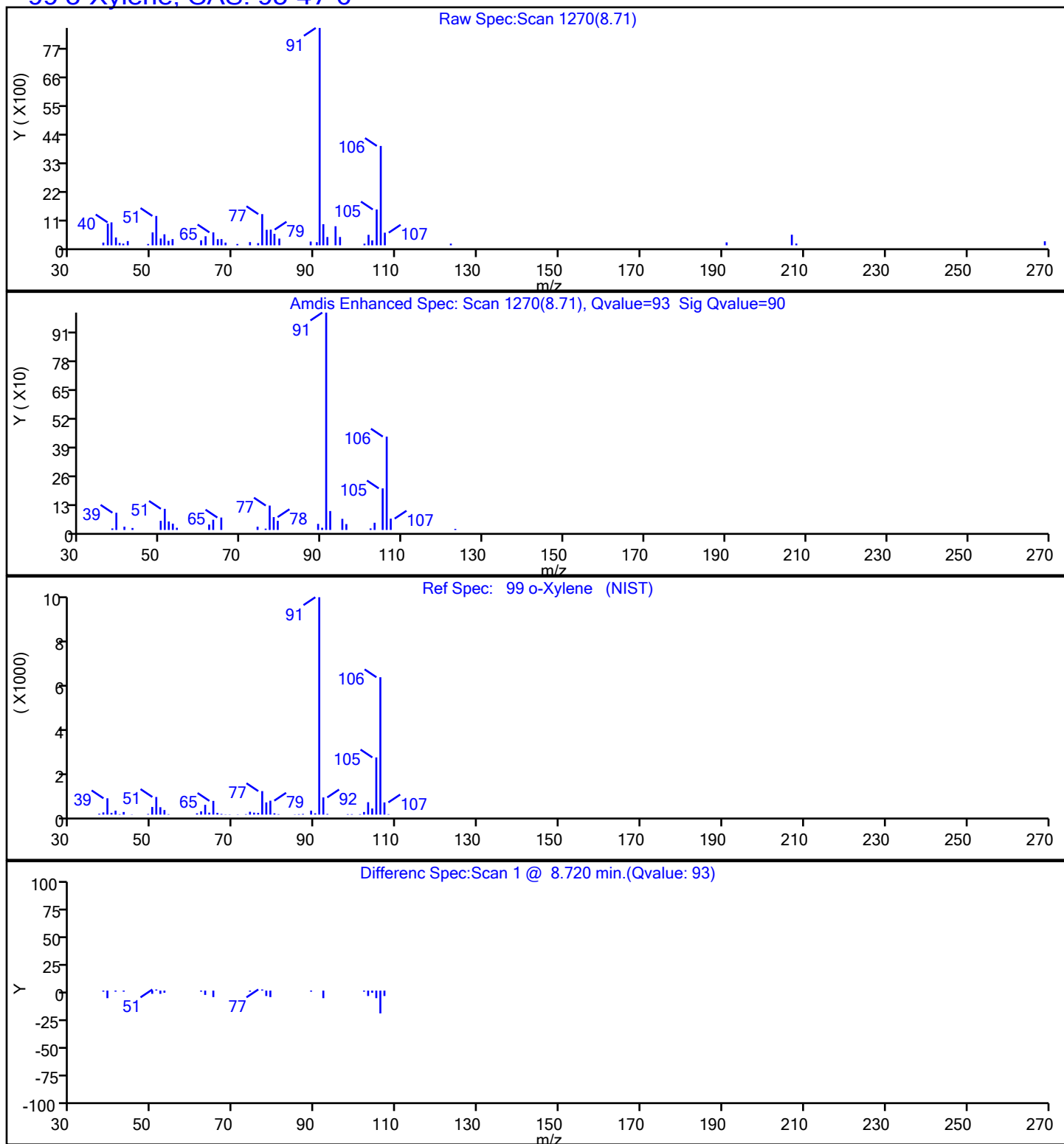
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

99 o-Xylene, CAS: 95-47-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

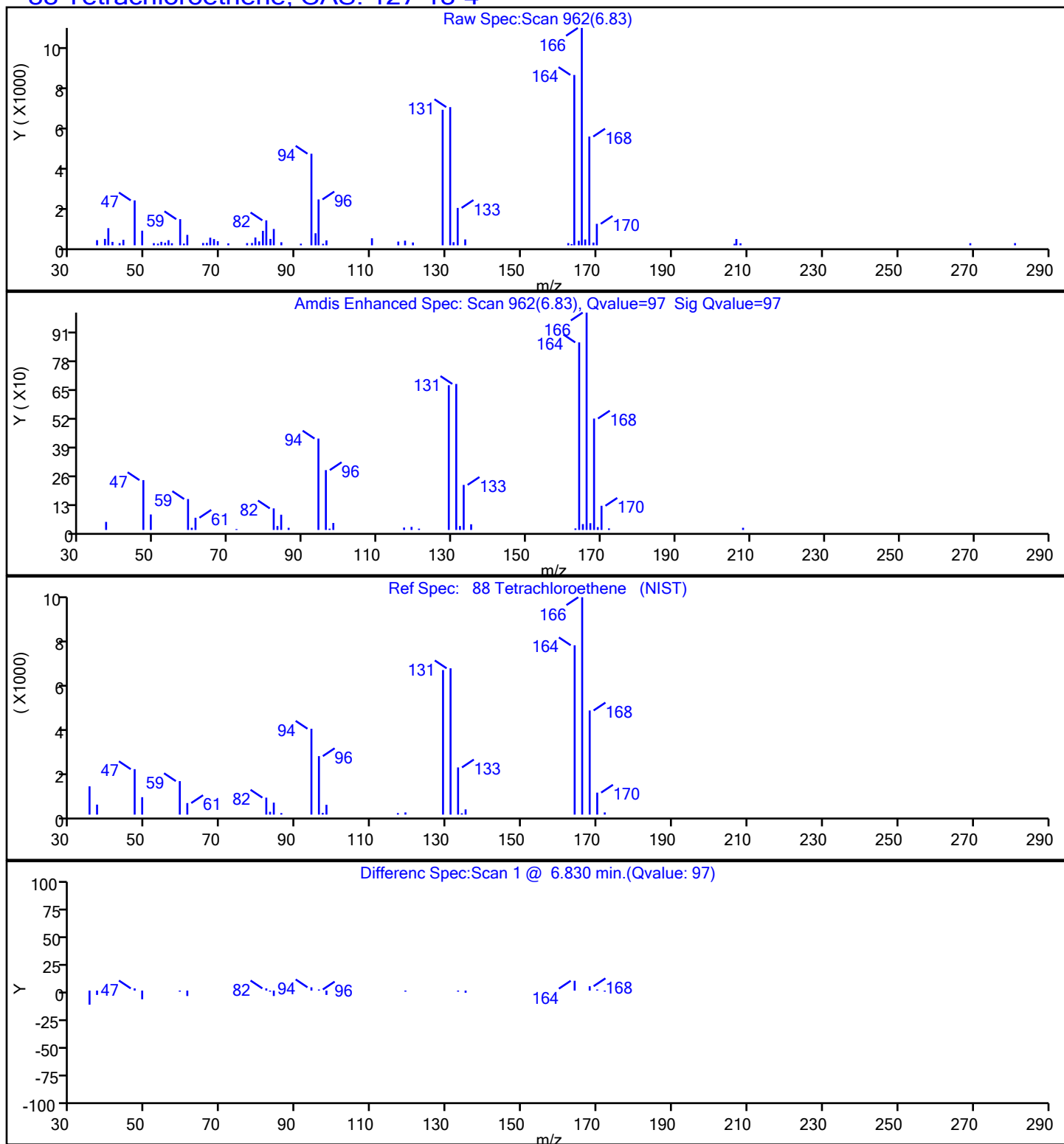
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

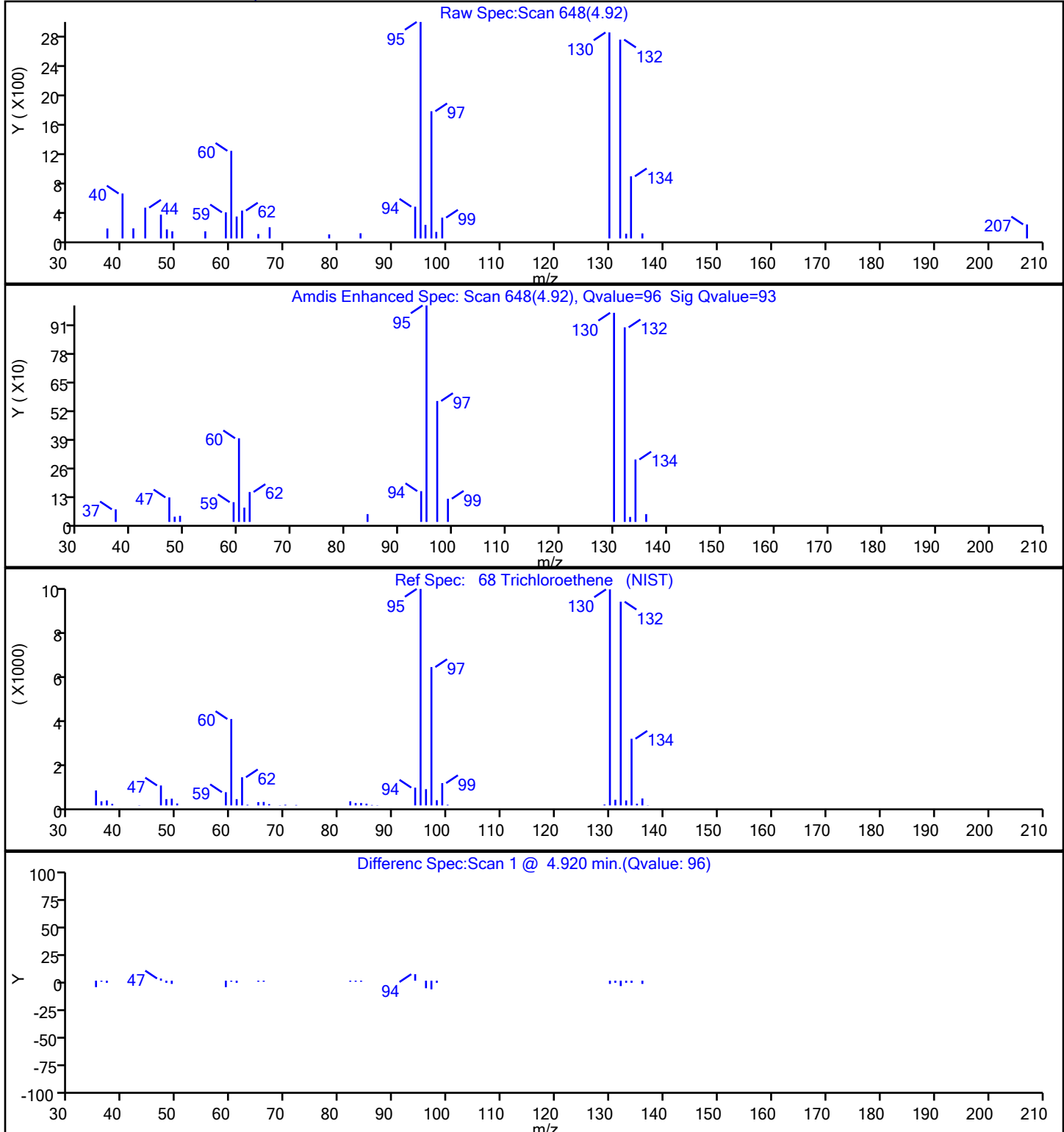
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

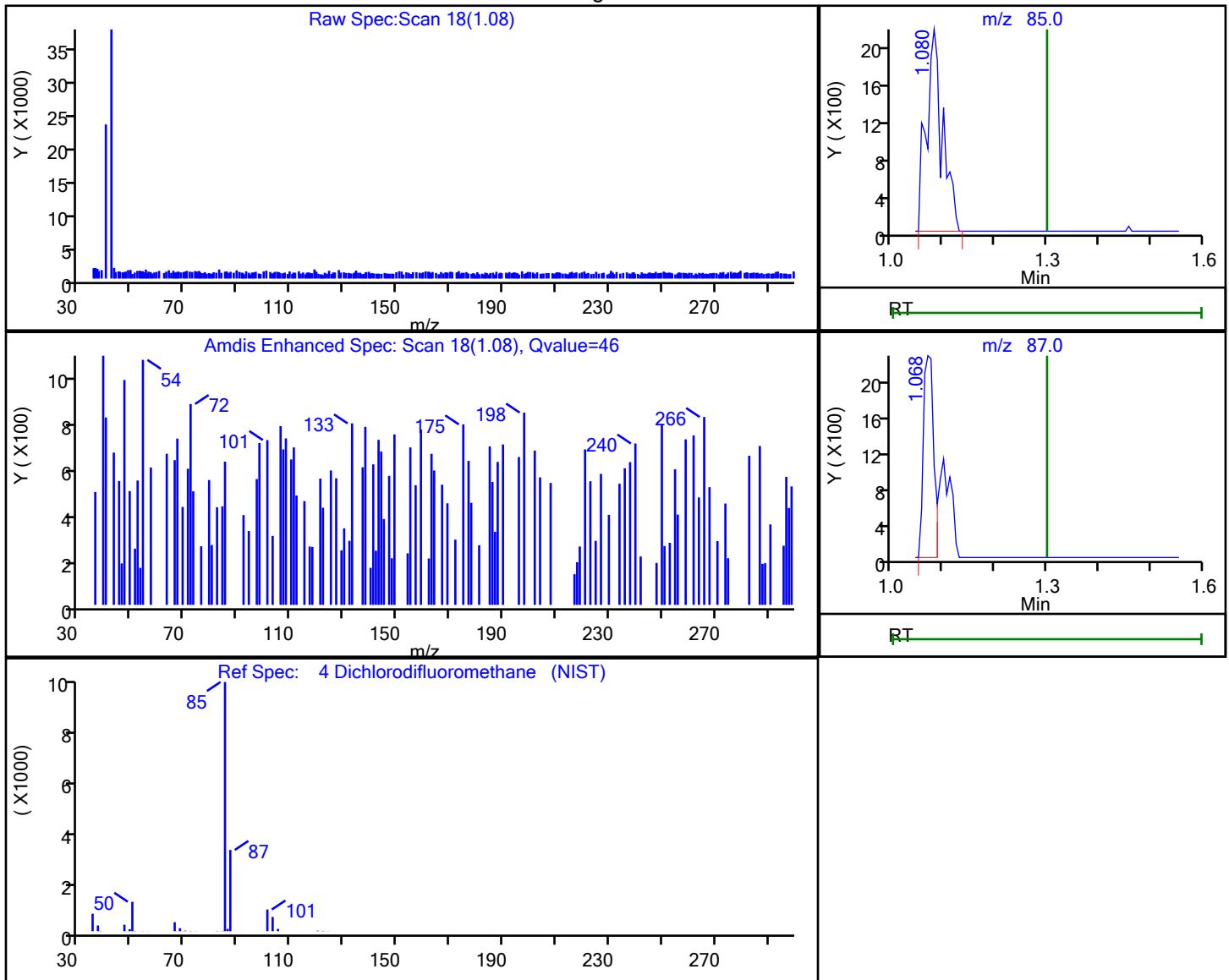
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.08	85.00	4543	0.746002
1.07	87.00	3149	

Reviewer: parekhv, 04-Jan-2021 17:28:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

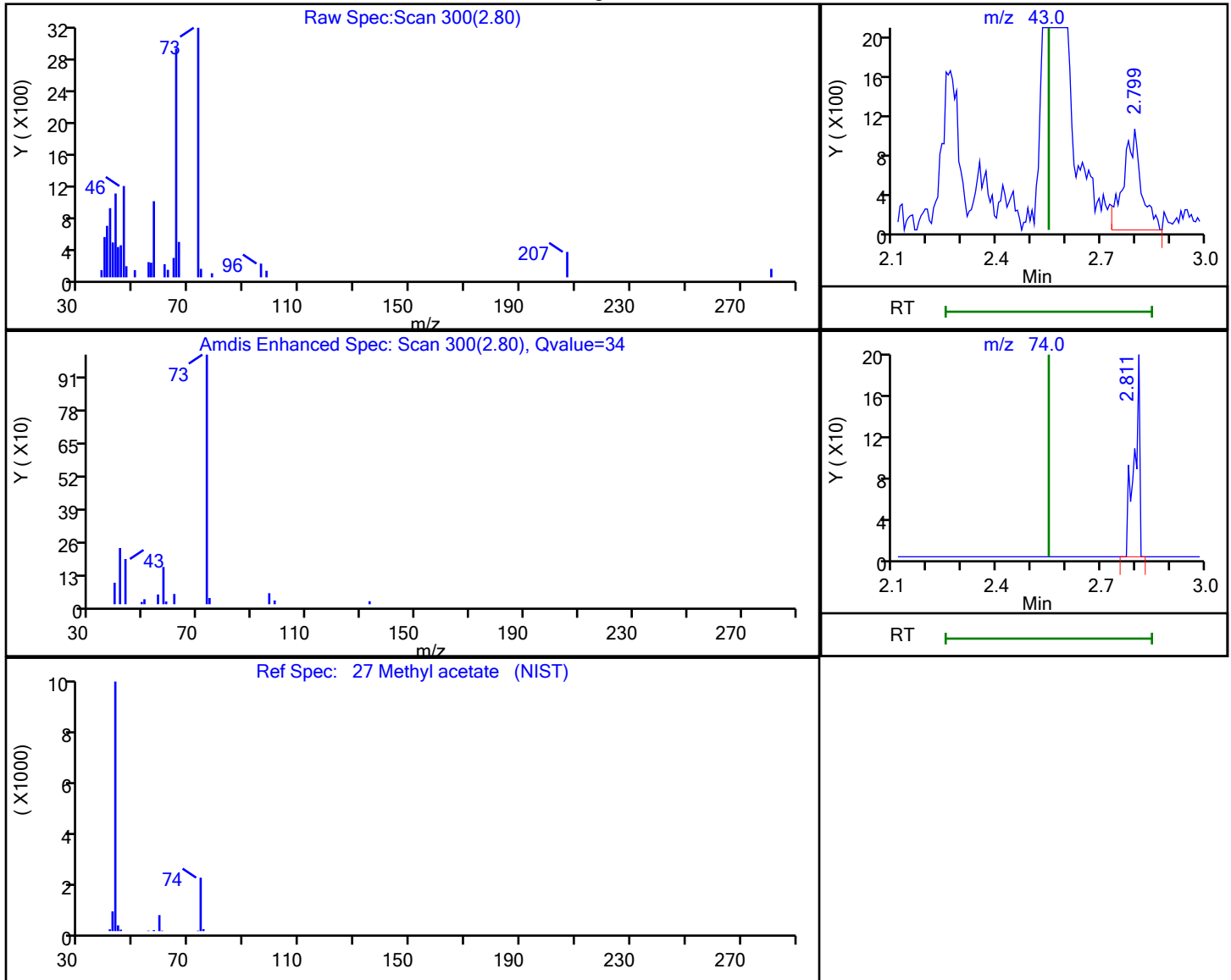
Column: DB-624 (0.18 mm)

Detector

MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.80	43.00	3755	1.377082
2.81	74.00	222	

Reviewer: parekhv, 04-Jan-2021 17:28:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

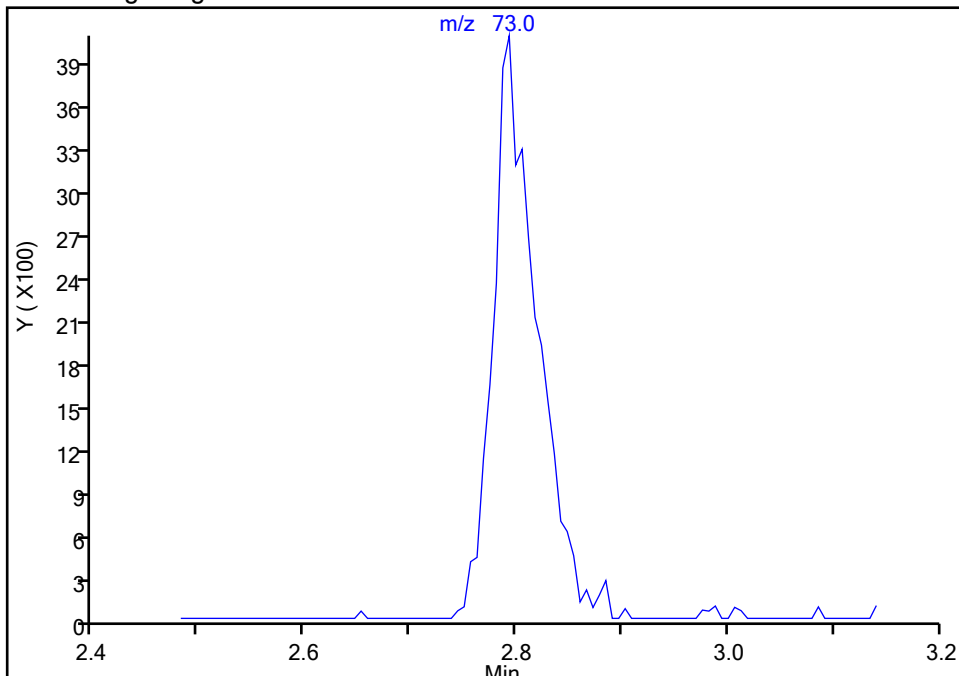
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D
Injection Date: 04-Jan-2021 12:27:30 Instrument ID: CVOAMS17
Lims ID: 460-225707-B-4 Lab Sample ID: 460-225707-4
Client ID: MW-9
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

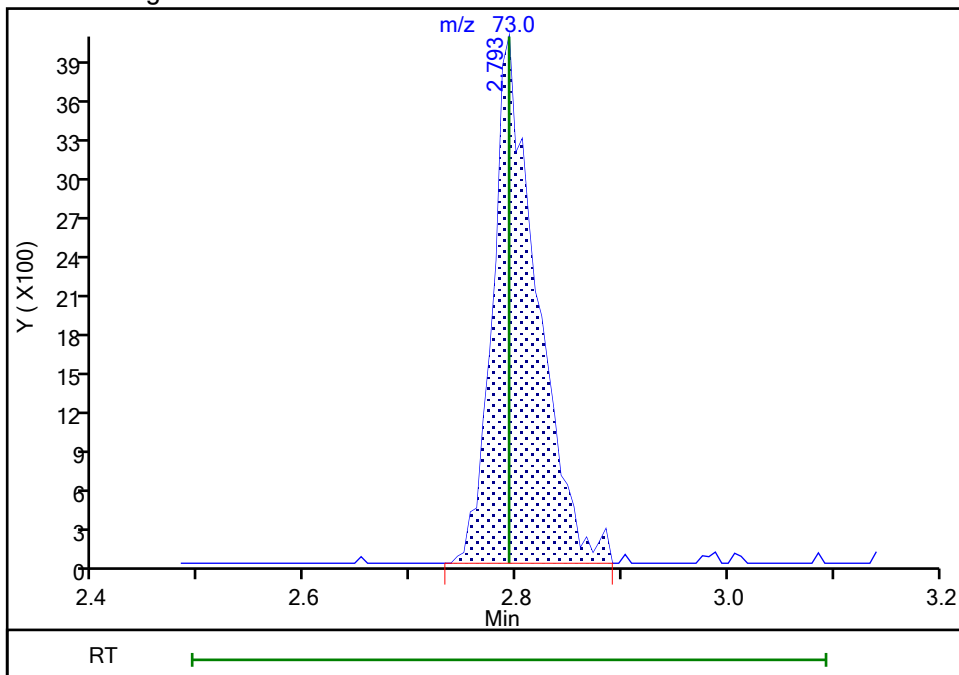
Not Detected
Expected RT: 2.79

Processing Integration Results



RT: 2.79
Area: 11638
Amount: 1.250245
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 05-Jan-2021 10:53:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D

Injection Date: 04-Jan-2021 12:27:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-4

Lab Sample ID: 460-225707-4

Client ID: MW-9

Operator ID:

ALS Bottle#:

18

Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

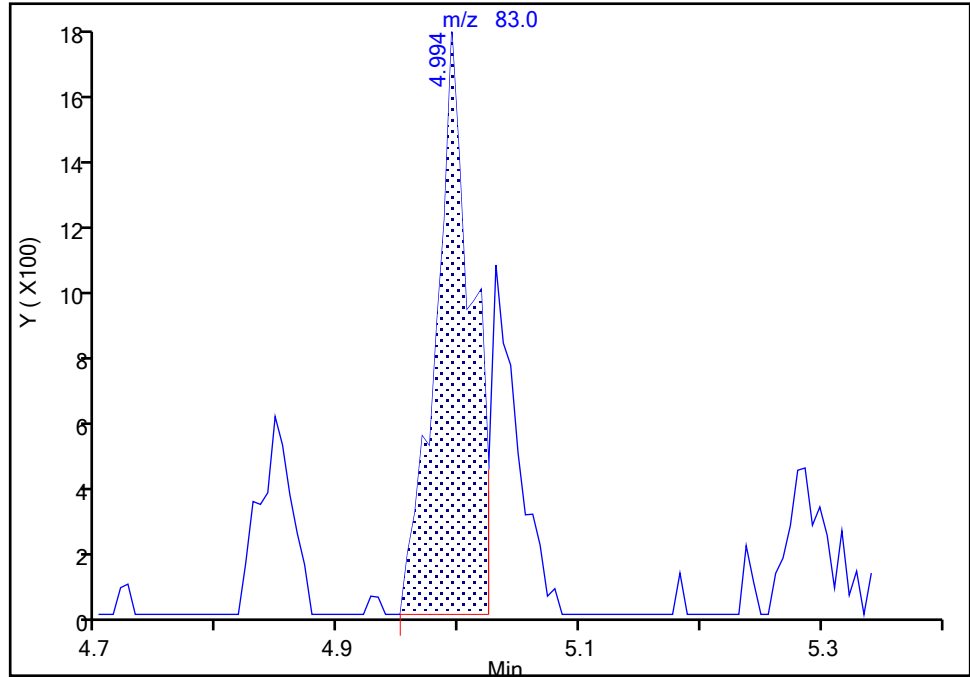
Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

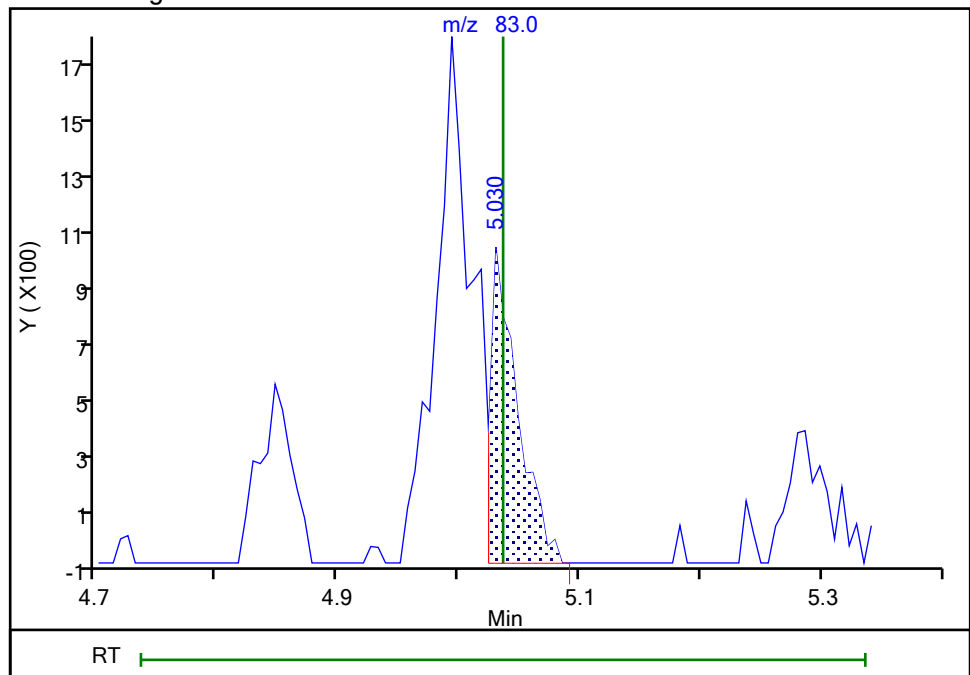
RT: 4.99
Area: 3740
Amount: 0.596083
Amount Units: ug/l

Processing Integration Results



RT: 5.03
Area: 1679
Amount: 0.267600
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 05-Jan-2021 10:53:55

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

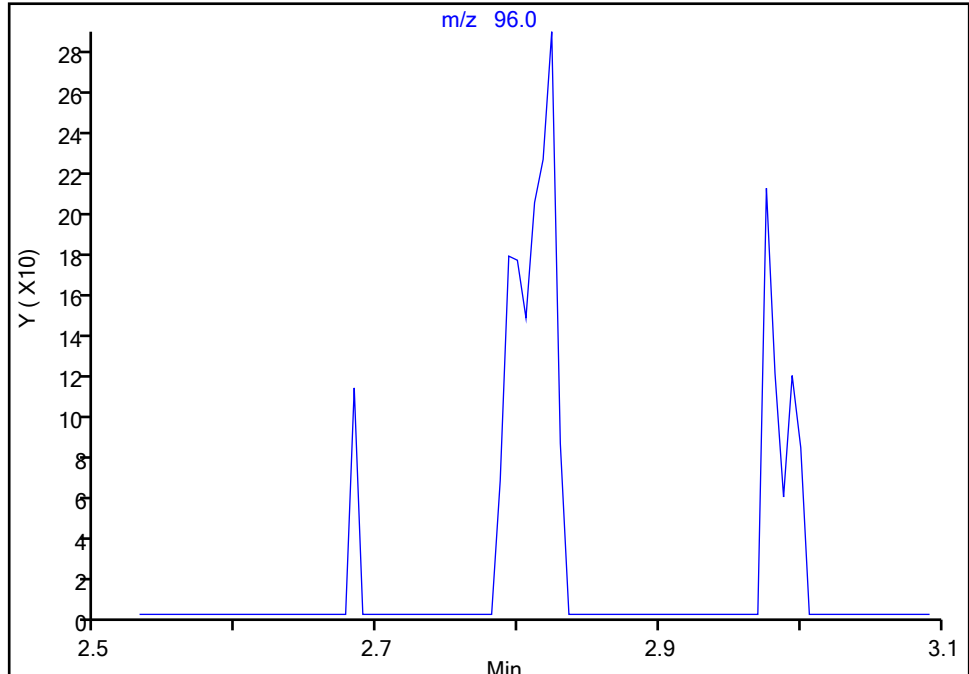
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135631.D		
Injection Date:	04-Jan-2021 12:27:30	Instrument ID:	CVOAMS17
Lims ID:	460-225707-B-4	Lab Sample ID:	460-225707-4
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	19

34 trans-1,2-Dichloroethene, CAS: 156-60-5

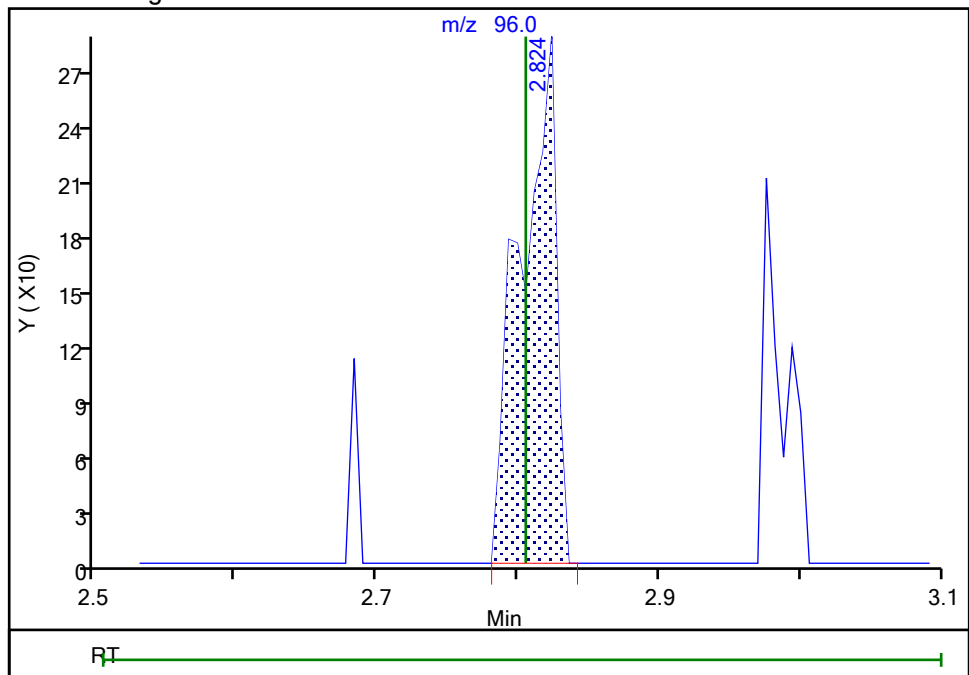
Signal: 1

Not Detected
Expected RT: 2.81

Processing Integration Results

RT: 2.82
Area: 491
Amount: 0.139709
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 05-Jan-2021 10:53:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-X Lab Sample ID: 460-225707-5
 Matrix: Water Lab File ID: TT135655.D
 Analysis Method: 8260D Date Collected: 12/30/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:43
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	10	U	10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	3.7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	3.1
79-00-5	1,1,2-Trichloroethane	10	U	10	2.0
75-34-3	1,1-Dichloroethane	10	U	10	2.6
75-35-4	1,1-Dichloroethene	10	U	10	2.6
87-61-6	1,2,3-Trichlorobenzene	10	U	10	3.6
120-82-1	1,2,4-Trichlorobenzene	10	U	10	3.7
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	3.8
106-93-4	Ethylene Dibromide	10	U	10	5.0
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	4.3
78-87-5	1,2-Dichloropropane	10	U	10	3.5
541-73-1	1,3-Dichlorobenzene	10	U	10	3.4
106-46-7	1,4-Dichlorobenzene	10	U	10	3.3
78-93-3	2-Butanone (MEK)	50	U	50	19
591-78-6	2-Hexanone	50	U	50	11
108-10-1	4-Methyl-2-pentanone (MIBK)	50	U	50	13
67-64-1	Acetone	50	U	50	44
71-43-2	Benzene	10	U	10	2.0
74-97-5	Chlorobromomethane	10	U	10	4.1
75-27-4	Dichlorobromomethane	10	U	10	3.4
75-25-2	Bromoform	10	U	10	5.4
74-83-9	Bromomethane	10	U	10	5.5
75-15-0	Carbon disulfide	10	U	10	8.2
56-23-5	Carbon tetrachloride	10	U	10	2.1
108-90-7	Chlorobenzene	10	U	10	3.8
75-00-3	Chloroethane	10	U	10	3.2
67-66-3	Chloroform	10	U	10	3.3
74-87-3	Chloromethane	10	U	10	4.0
156-59-2	cis-1,2-Dichloroethene	80		10	2.2
10061-01-5	cis-1,3-Dichloropropene	10	U	10	2.2
110-82-7	Cyclohexane	10	U	10	3.2
124-48-1	Chlorodibromomethane	10	U	10	2.8
75-71-8	Dichlorodifluoromethane	10	U	10	3.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-X Lab Sample ID: 460-225707-5
 Matrix: Water Lab File ID: TT135655.D
 Analysis Method: 8260D Date Collected: 12/30/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:43
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	10	U	10	3.0
98-82-8	Isopropylbenzene	10	U	10	3.4
179601-23-1	m-Xylene & p-Xylene	10	U	10	3.0
79-20-9	Methyl acetate	50	U	50	7.9
1634-04-4	Methyl tert-butyl ether	51		10	2.2
108-87-2	Methylcyclohexane	10	U	10	7.1
75-09-2	Methylene Chloride	10	U	10	3.2
95-47-6	o-Xylene	10	U	10	3.6
100-42-5	Styrene	10	U	10	4.2
127-18-4	Tetrachloroethene	2800		10	2.5
108-88-3	Toluene	10	U	10	3.8
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.4
10061-02-6	trans-1,3-Dichloropropene	10	U	10	2.2
79-01-6	Trichloroethene	180		10	3.1
75-69-4	Trichlorofluoromethane	10	U	10	3.2
75-01-4	Vinyl chloride	10	U	10	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
2037-26-5	Toluene-d8 (Surr)	93		80-120
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D
 Lims ID: 460-225707-A-5
 Client ID: MW-X
 Sample Type: Client
 Inject. Date: 04-Jan-2021 21:43:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-225707-A-5
 Misc. Info.: 460-0122467-015
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 19:32:13 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1607

First Level Reviewer: desais

Date: 05-Jan-2021 06:35:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	37716	1000.0	
33 Methyl tert-butyl ether	73	2.781	2.793	-0.012	96	49086	5.07	
* 42 2-Butanone-d5	46	3.591	3.592	-0.001	100	297131	250.0	
44 cis-1,2-Dichloroethene	96	3.616	3.622	-0.006	95	31953	7.97	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	96	138401	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.341	-0.006	96	159610	49.5	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	561374	50.0	
68 Trichloroethene	95	4.920	4.921	-0.001	98	62922	18.4	
* 72 1,4-Dioxane-d8	96	5.256	5.262	-0.006	91	25674	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.170	6.177	-0.006	99	448199	46.5	
88 Tetrachloroethene	166	6.829	6.829	0.000	99	819088	276.6	
* 94 Chlorobenzene-d5	117	7.895	7.896	-0.001	87	374910	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	142344	49.6	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	215976	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 15

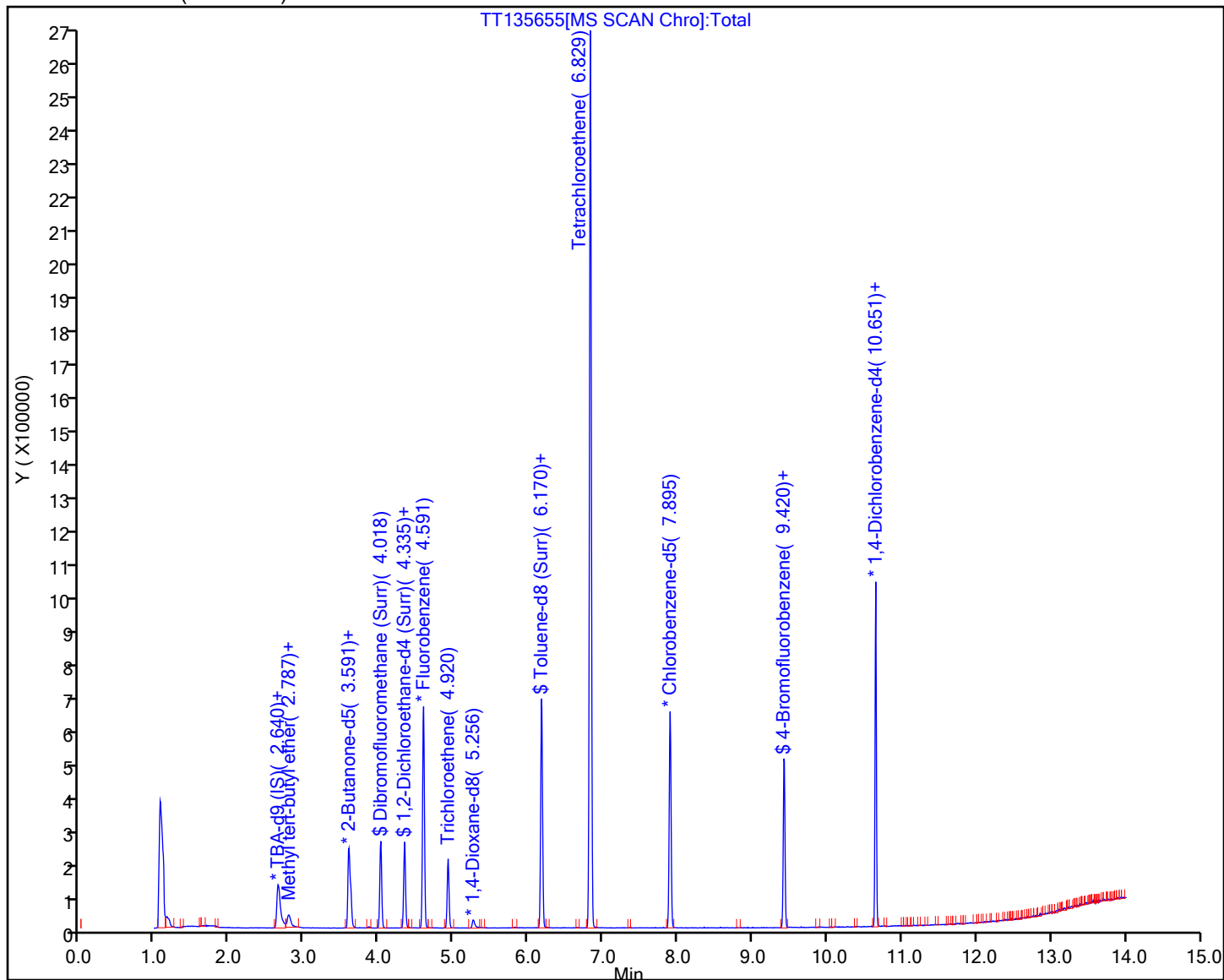
Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

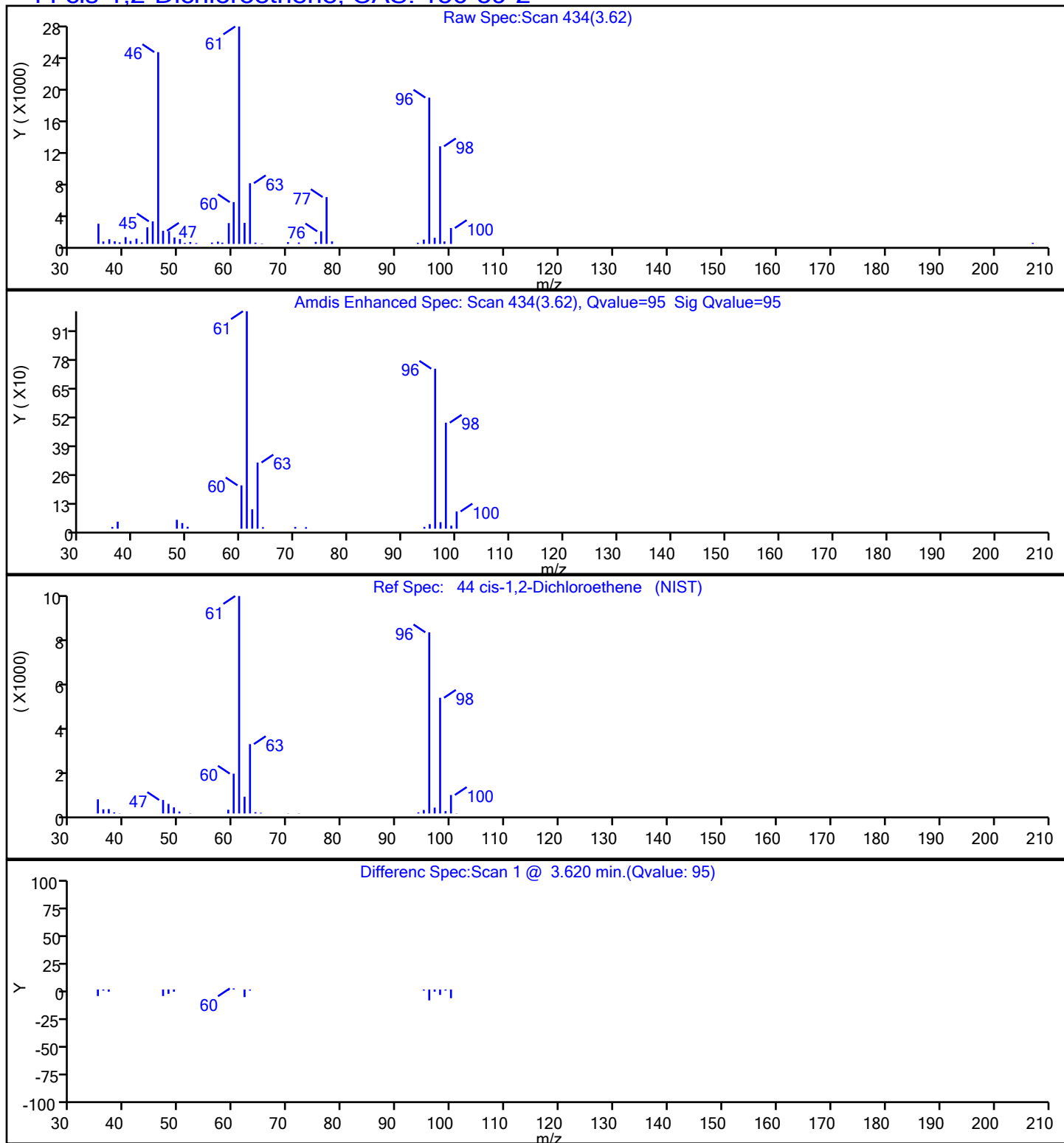
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

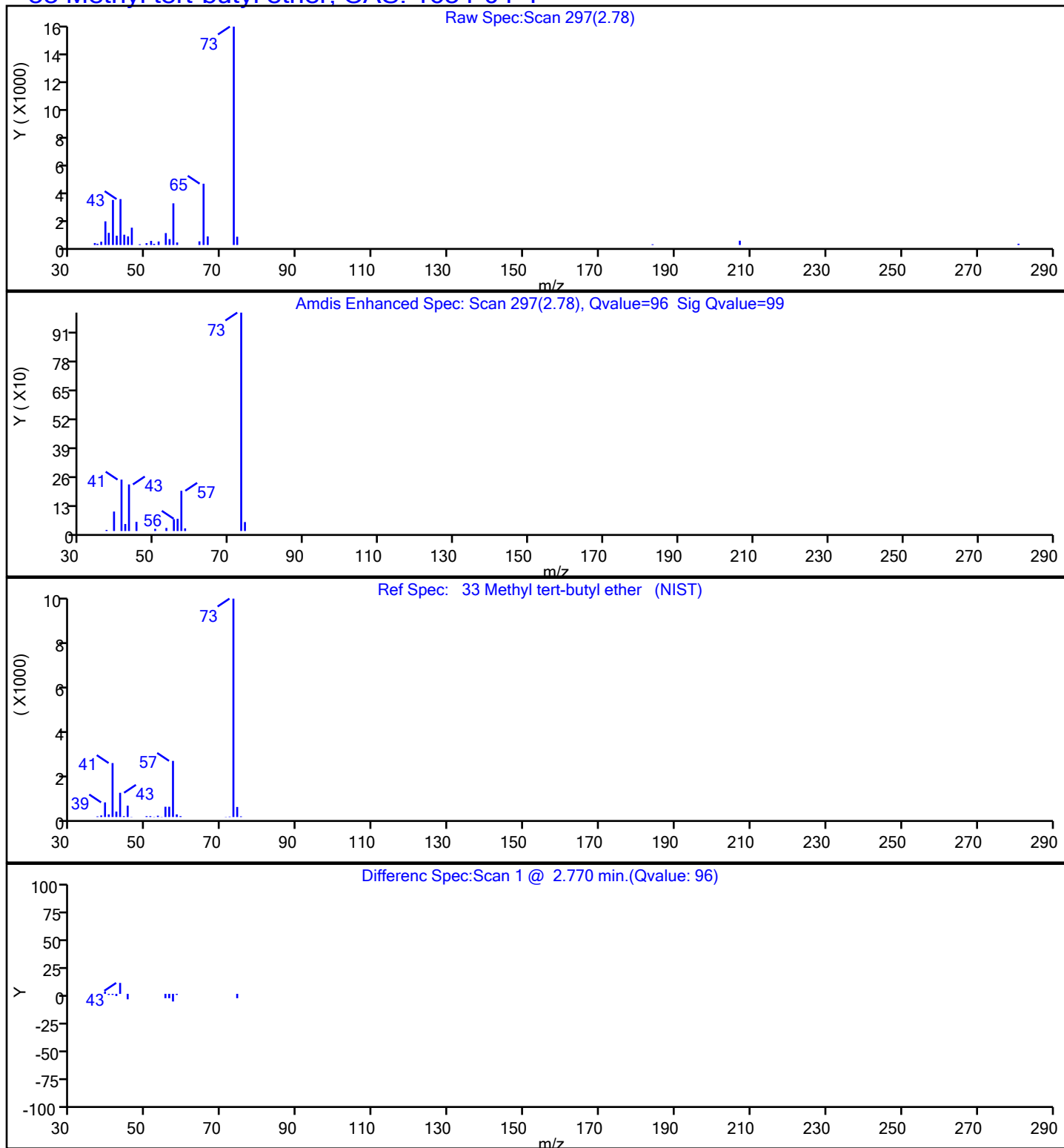
Dil. Factor: 10.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

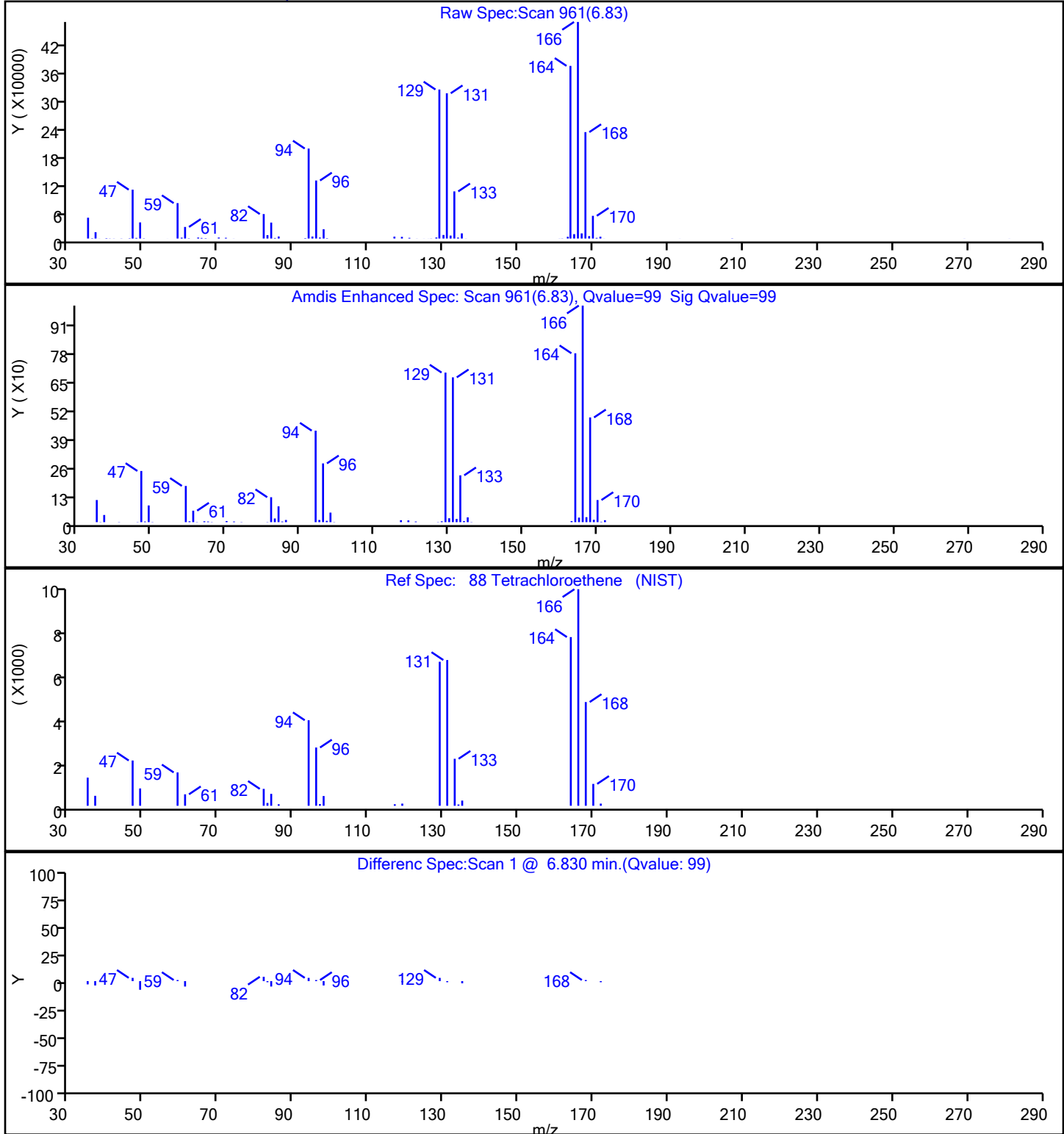
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

10.0000

Method: 8260W_17

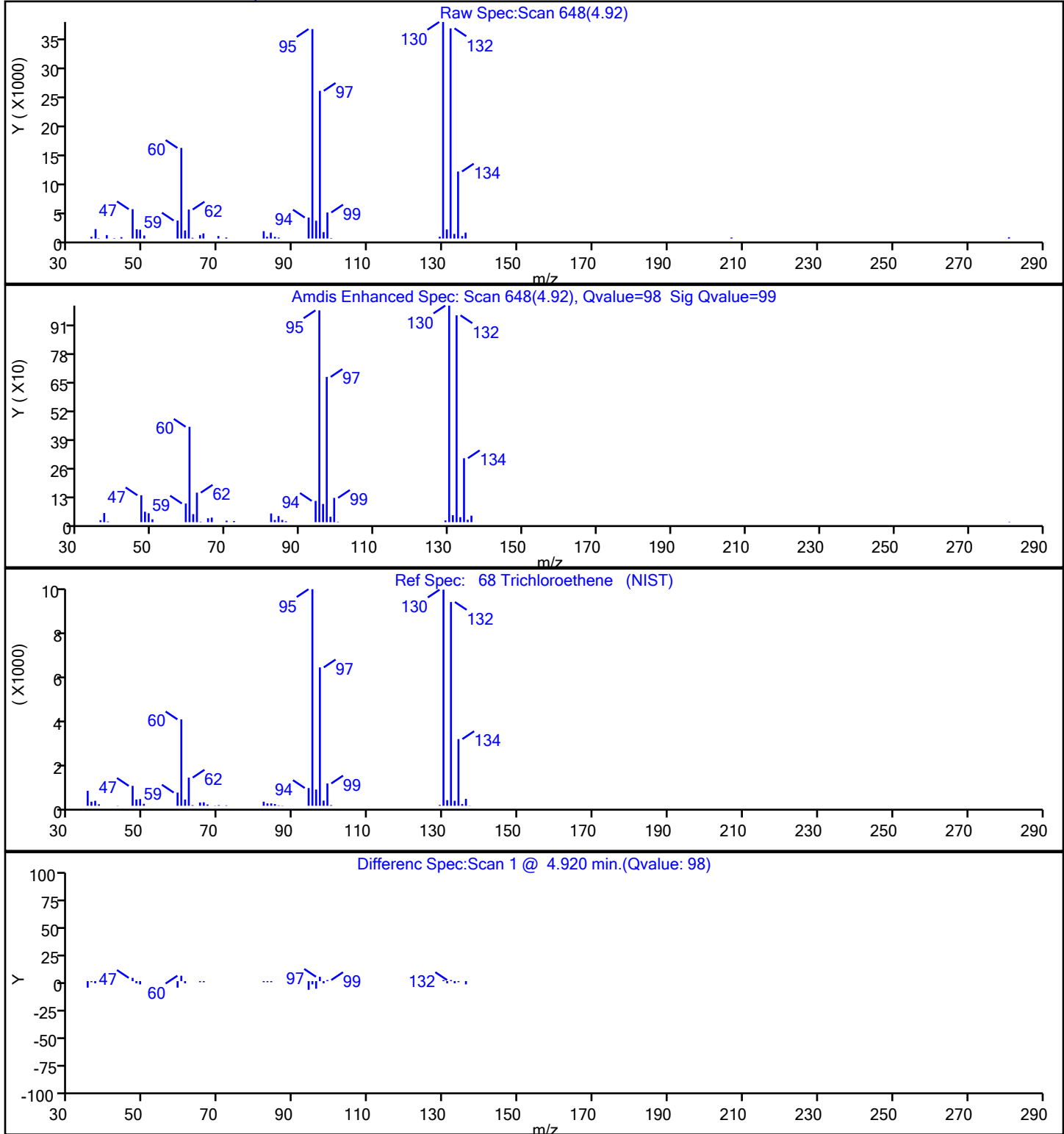
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

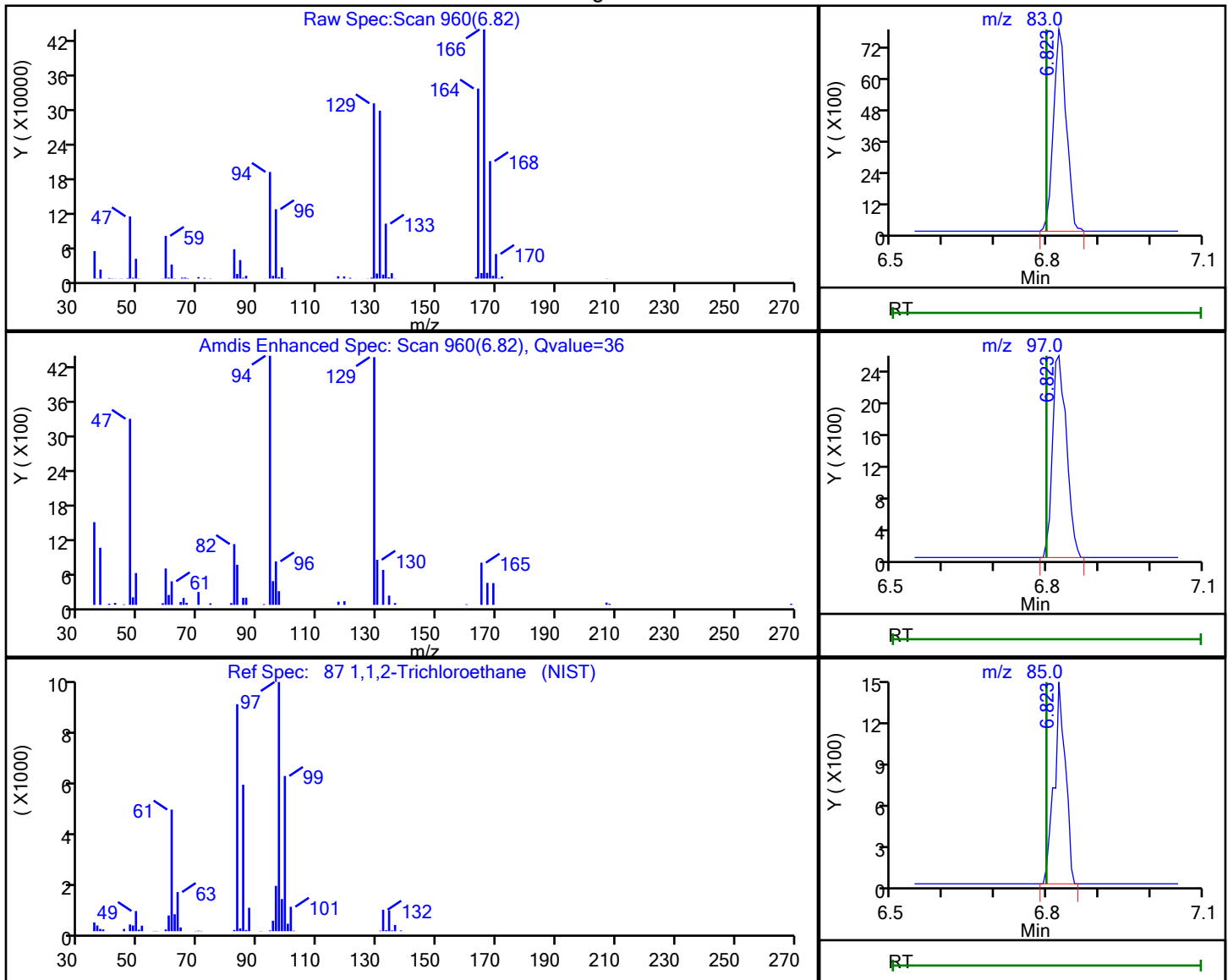
Column: DB-624 (0.18 mm)

Detector

MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.82	83.00	13617	5.389837
6.82	97.00	4841	
6.82	85.00	2182	

Reviewer: parekhv, 04-Jan-2021 23:02:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

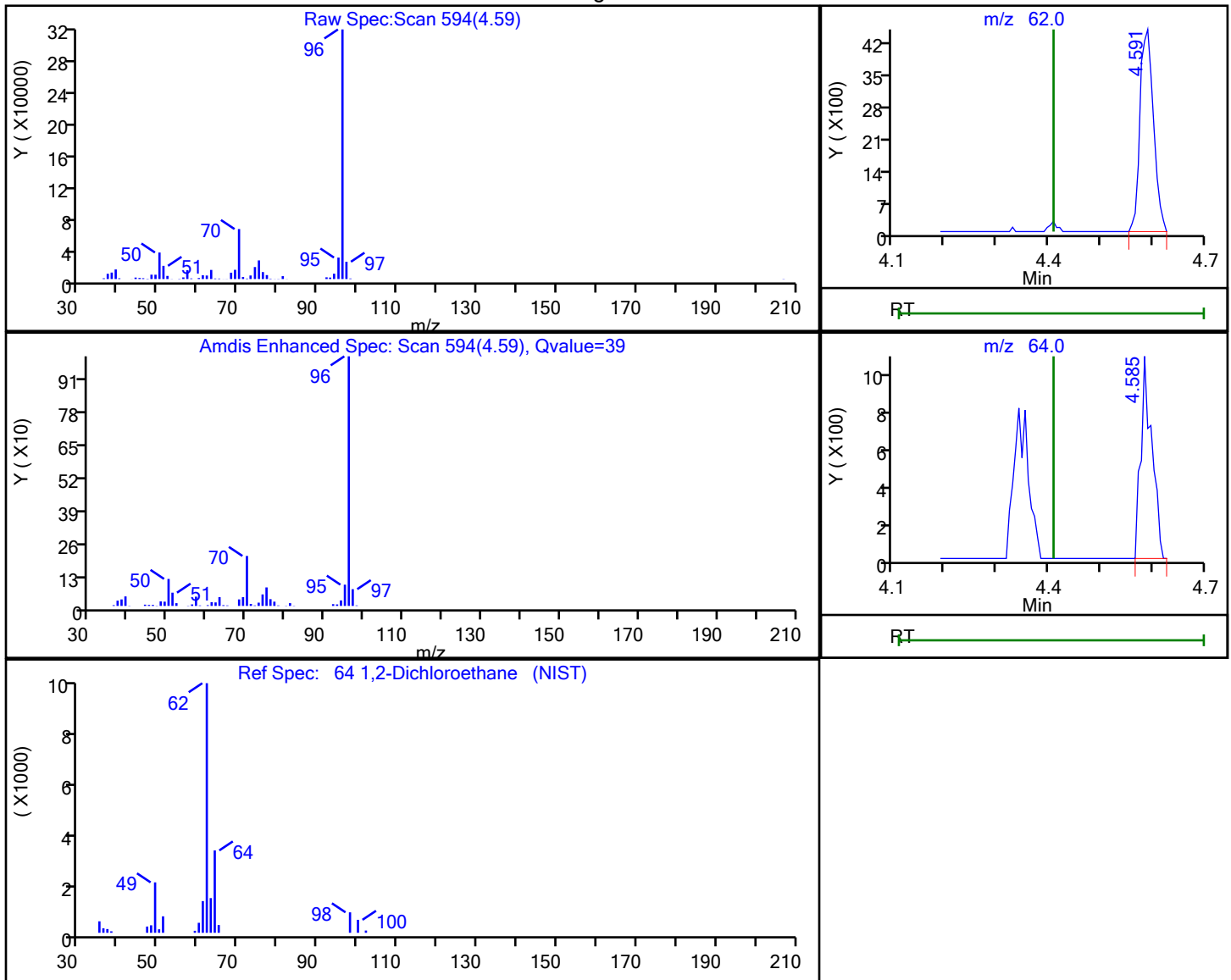
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.59	62.00	8038	1.835428
4.59	64.00	1555	

Reviewer: parekhv, 04-Jan-2021 23:02:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

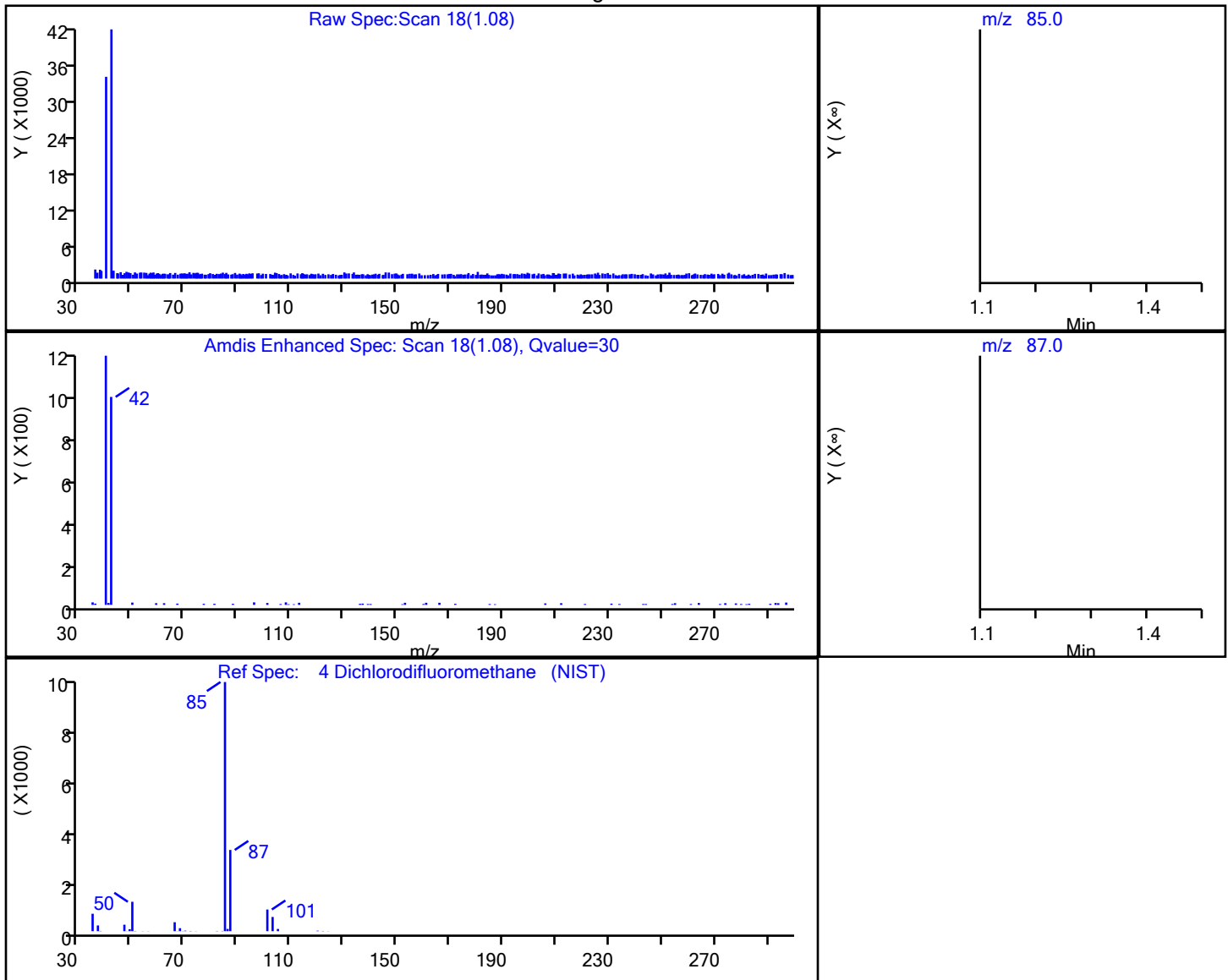
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.08	85.00	1682	0.265798
1.09	87.00	1140	

Reviewer: parekhv, 04-Jan-2021 23:02:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135655.D

Injection Date: 04-Jan-2021 21:43:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-5

Lab Sample ID: 460-225707-5

Client ID: MW-X

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_17

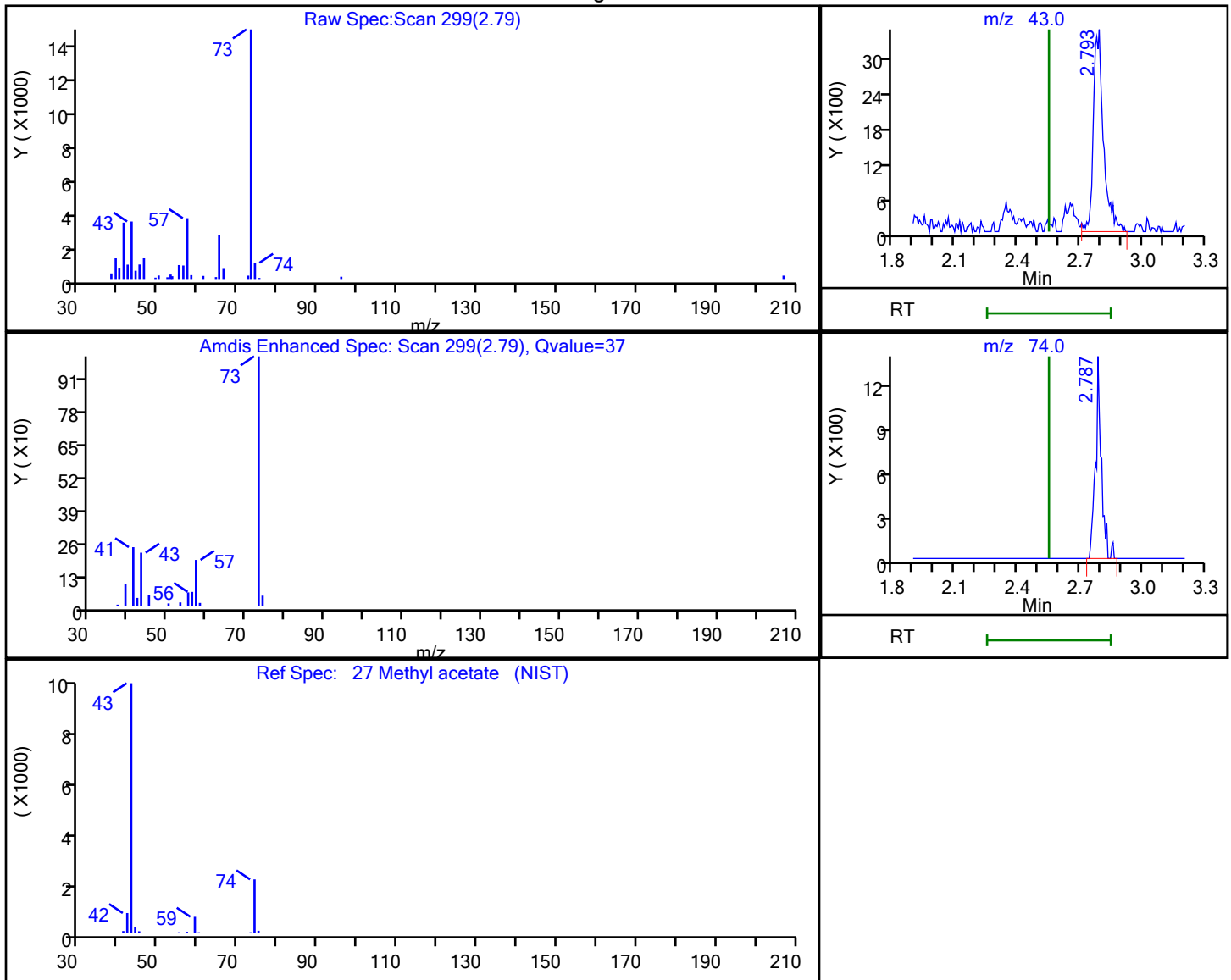
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.79	43.00	11608	4.096717
2.79	74.00	2579	

Reviewer: parekhv, 04-Jan-2021 23:02:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-46 Lab Sample ID: 460-225707-6
 Matrix: Water Lab File ID: TT135656.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:48
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 22:04
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.6
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	1.0
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.3
75-35-4	1,1-Dichloroethene	5.0	U	5.0	1.3
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.9
106-93-4	Ethylene Dibromide	5.0	U	5.0	2.5
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
107-06-2	1,2-Dichloroethane	5.0	U	5.0	2.2
78-87-5	1,2-Dichloropropane	5.0	U	5.0	1.8
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.7
78-93-3	2-Butanone (MEK)	25	U	25	9.3
591-78-6	2-Hexanone	25	U	25	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U	25	6.5
67-64-1	Acetone	25	U	25	22
71-43-2	Benzene	5.0	U	5.0	1.0
74-97-5	Chlorobromomethane	5.0	U	5.0	2.1
75-27-4	Dichlorobromomethane	5.0	U	5.0	1.7
75-25-2	Bromoform	5.0	U	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	2.8
75-15-0	Carbon disulfide	5.0	U	5.0	4.1
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.0
108-90-7	Chlorobenzene	5.0	U	5.0	1.9
75-00-3	Chloroethane	5.0	U	5.0	1.6
67-66-3	Chloroform	5.0	U	5.0	1.6
74-87-3	Chloromethane	5.0	U	5.0	2.0
156-59-2	cis-1,2-Dichloroethene	130		5.0	1.1
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	1.1
110-82-7	Cyclohexane	5.0	U	5.0	1.6
124-48-1	Chlorodibromomethane	5.0	U	5.0	1.4
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-46 Lab Sample ID: 460-225707-6
 Matrix: Water Lab File ID: TT135656.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:48
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 22:04
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	5.0	U	5.0	1.5
98-82-8	Isopropylbenzene	5.0	U	5.0	1.7
179601-23-1	m-Xylene & p-Xylene	5.0	U	5.0	1.5
79-20-9	Methyl acetate	25	U	25	3.9
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	1.1
108-87-2	Methylcyclohexane	5.0	U	5.0	3.5
75-09-2	Methylene Chloride	5.0	U	5.0	1.6
95-47-6	o-Xylene	5.0	U	5.0	1.8
100-42-5	Styrene	5.0	U	5.0	2.1
127-18-4	Tetrachloroethene	1100		5.0	1.2
108-88-3	Toluene	5.0	U	5.0	1.9
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	1.1
79-01-6	Trichloroethene	130		5.0	1.6
75-69-4	Trichlorofluoromethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.86

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D
 Lims ID: 460-225707-A-6
 Client ID: MW-46
 Sample Type: Client
 Inject. Date: 04-Jan-2021 22:04:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-225707-A-6
 Misc. Info.: 460-0122467-016
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 19:32:13 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1607

First Level Reviewer: parekhv

Date: 04-Jan-2021 23:03:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.501	1.507	-0.006	9	841	0.1279	
* 31 TBA-d9 (IS)	66	2.641	2.647	-0.006	99	43022	1000.0	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	298982	250.0	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	101642	25.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	96	134681	48.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.341	-0.006	97	153449	48.5	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	551108	50.0	
68 Trichloroethene	95	4.921	4.921	0.000	98	85515	25.4	
* 72 1,4-Dioxane-d8	96	5.262	5.262	0.000	90	24440	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.177	0.000	99	439245	45.7	
88 Tetrachloroethene	166	6.829	6.829	0.000	99	660268	223.8	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	373446	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	136130	47.6	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	205960	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 16

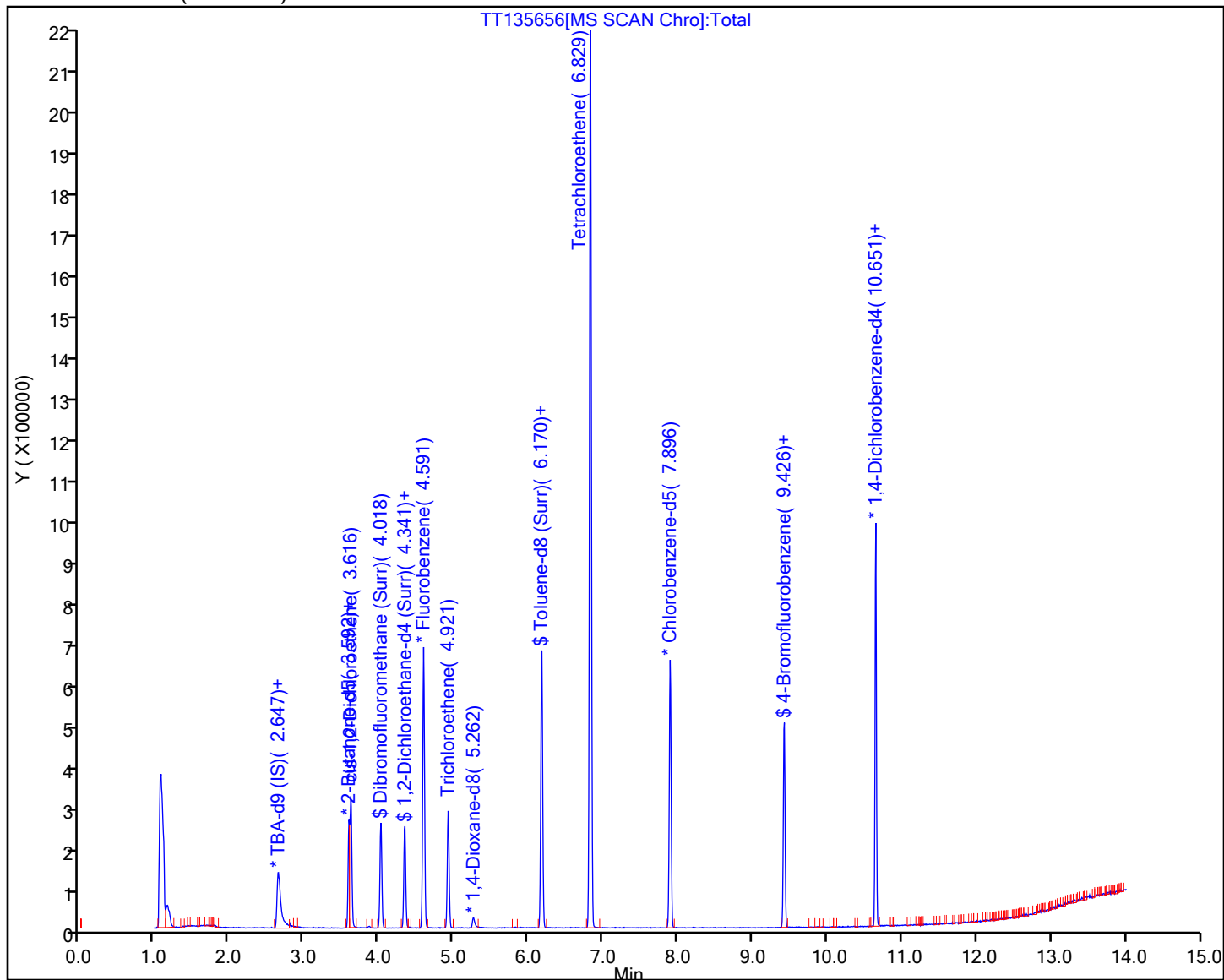
Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

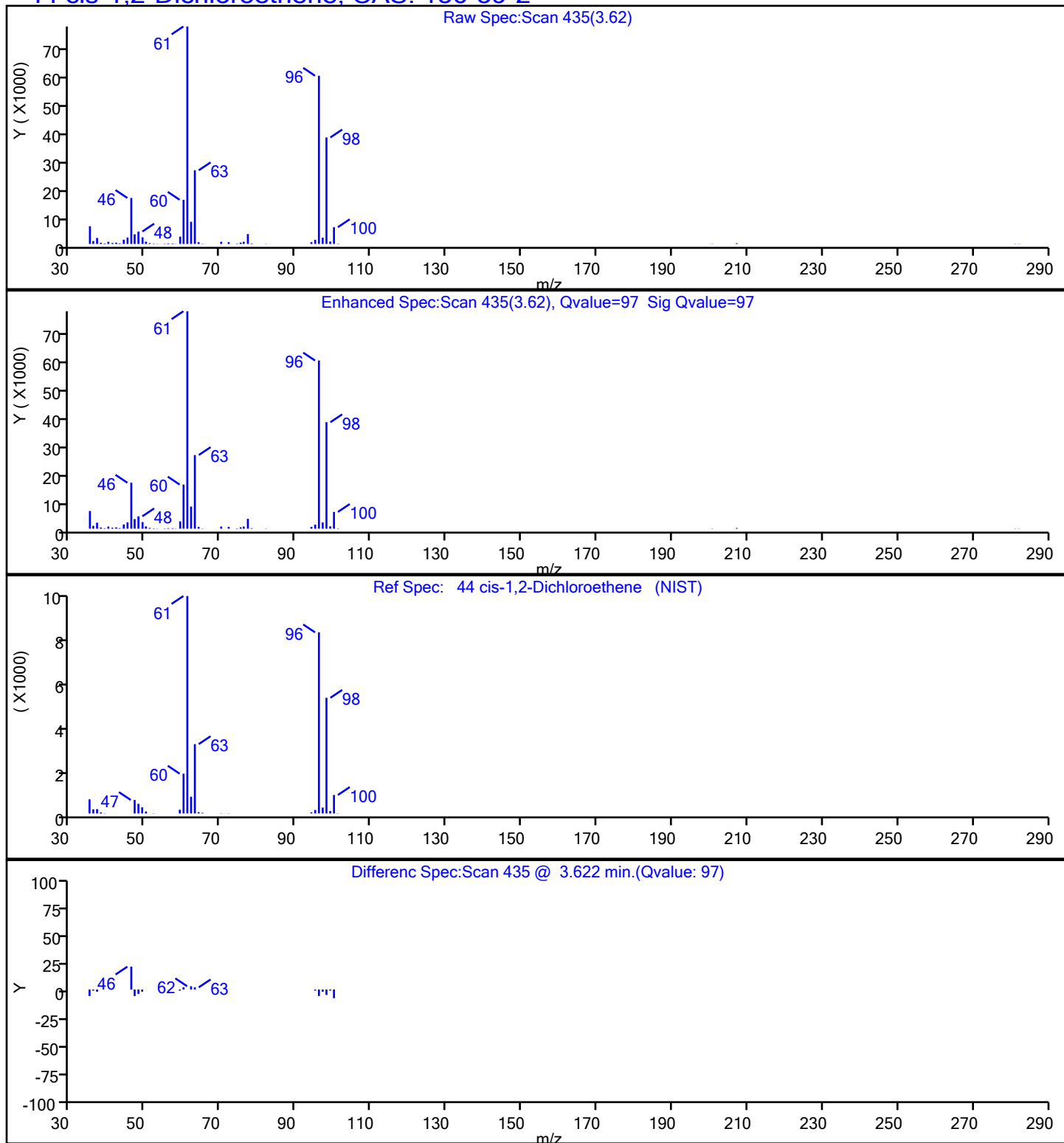
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

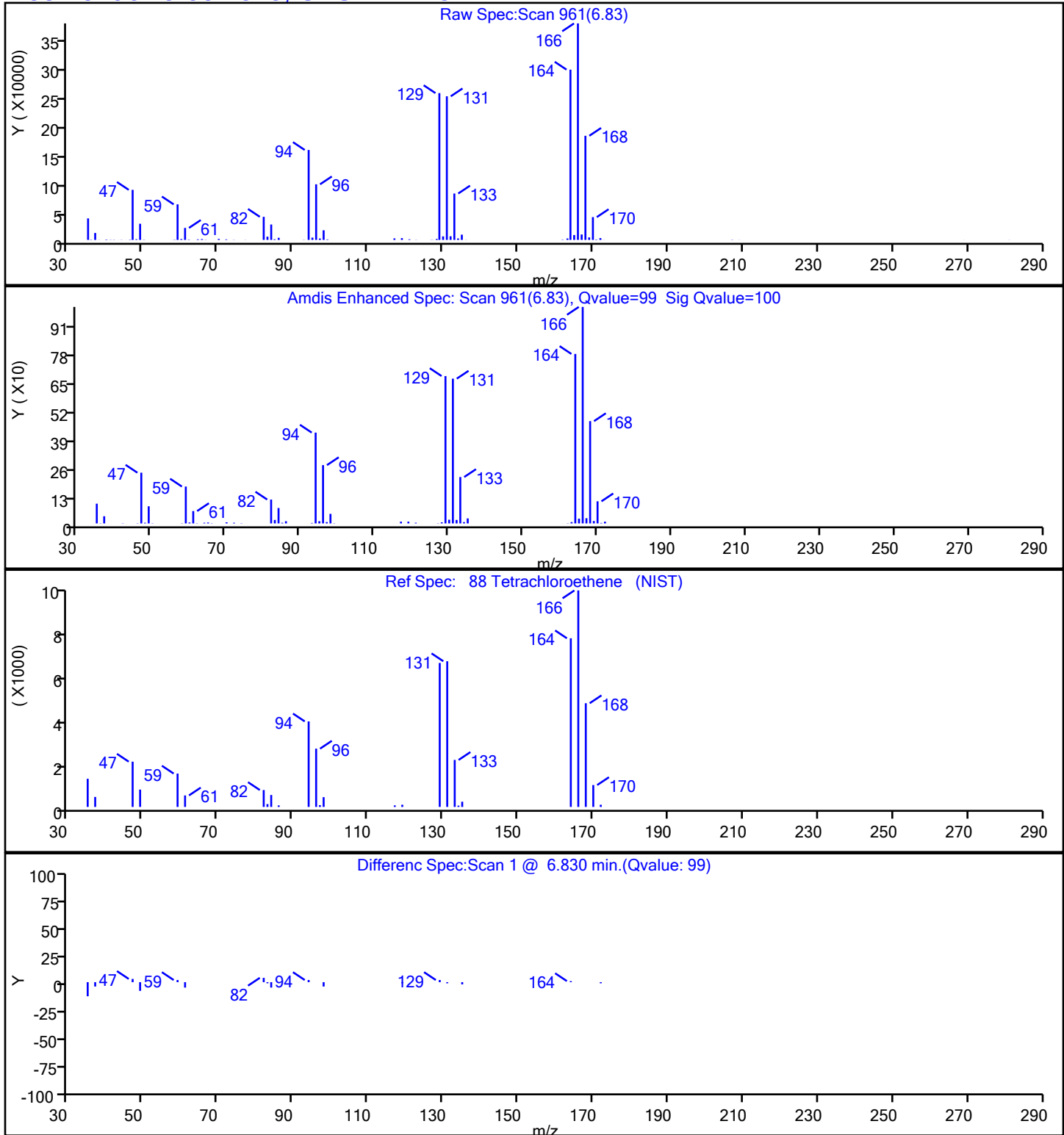
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

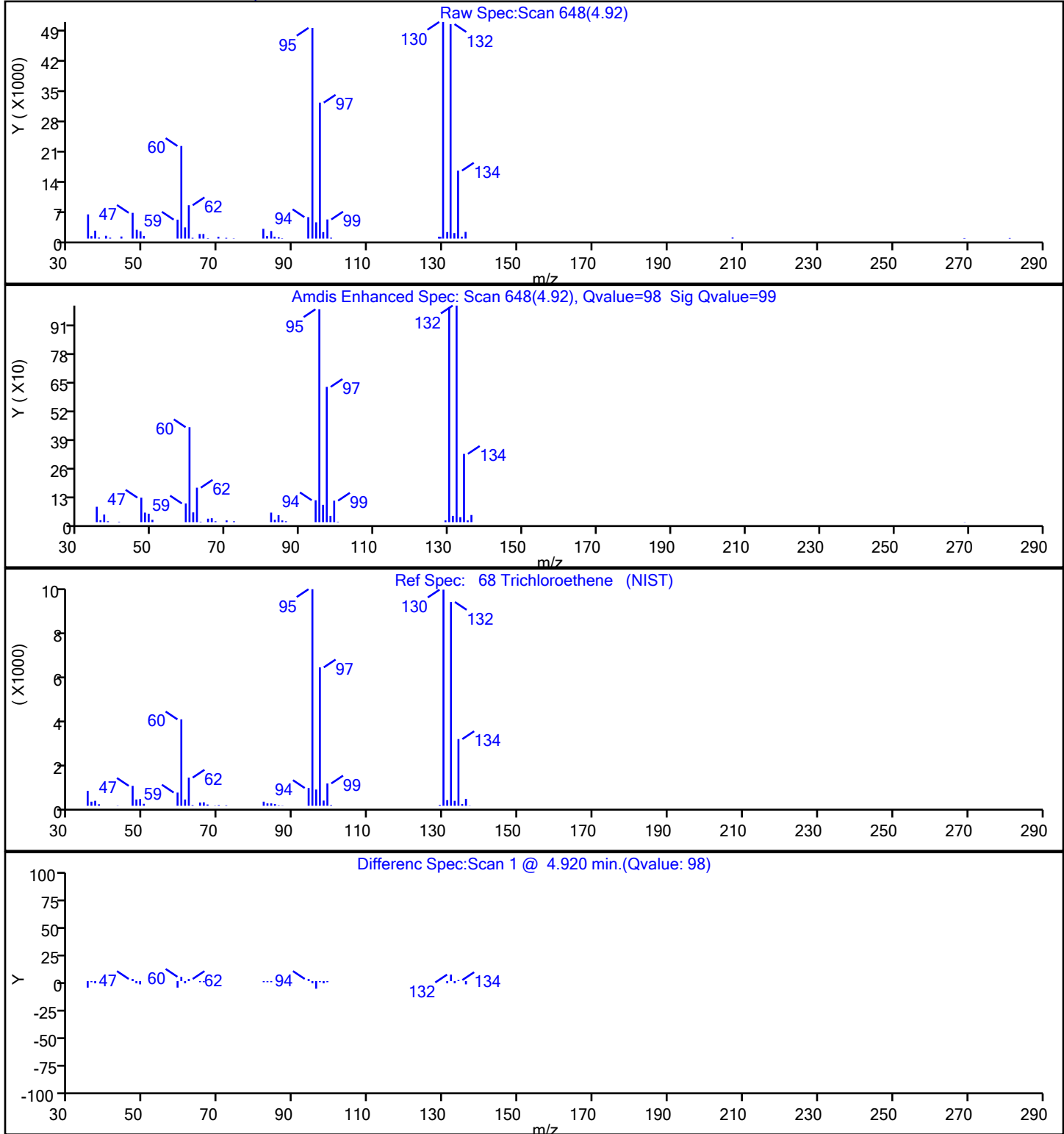
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

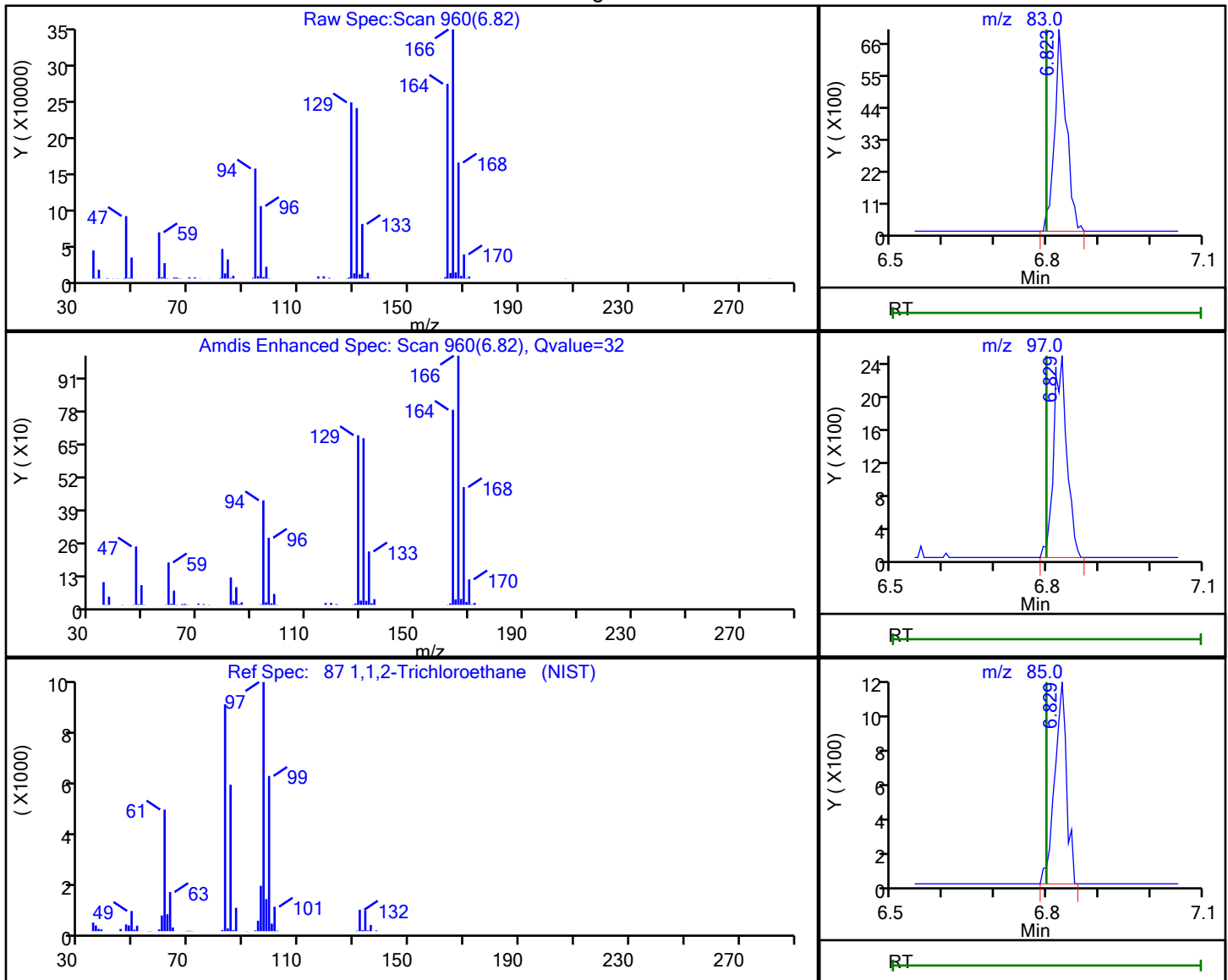
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.82	83.00	11120	4.418738
6.83	97.00	4243	
6.83	85.00	1776	

Reviewer: parekhv, 04-Jan-2021 23:03:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135656.D

Injection Date: 04-Jan-2021 22:04:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-6

Lab Sample ID: 460-225707-6

Client ID: MW-46

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

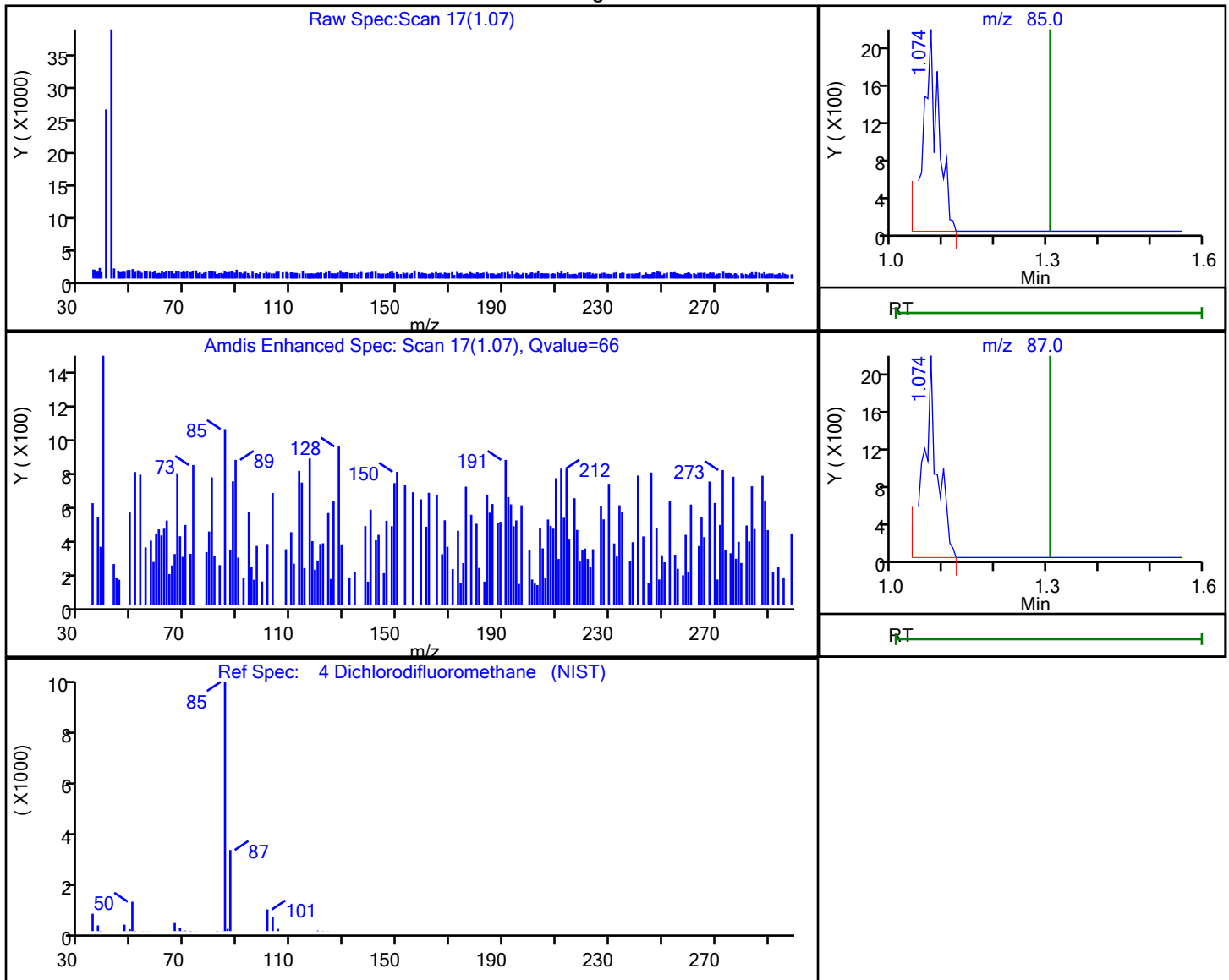
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	4070	0.655143
1.07	87.00	3731	

Reviewer: parekhv, 04-Jan-2021 23:03:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: MW-8D Lab Sample ID: 460-225707-7

Matrix: Water Lab File ID: TT135653.D

Analysis Method: 8260D Date Collected: 12/30/2020 10:23

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:02

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750920 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.41	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-8D Lab Sample ID: 460-225707-7
 Matrix: Water Lab File ID: TT135653.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:23
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	32		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	0.22
79-01-6	Trichloroethene	3.3		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	96		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D
 Lims ID: 460-225707-A-7
 Client ID: MW-8D
 Sample Type: Client
 Inject. Date: 04-Jan-2021 21:02:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-A-7
 Misc. Info.: 460-0122467-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:47:41 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: parekhv

Date: 04-Jan-2021 21:21:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	38138	1000.0	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	296583	250.0	
52 Chloroform	83	3.872	3.878	-0.006	97	2577	0.4144	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	142390	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.341	-0.006	96	159020	47.9	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	578123	50.0	
68 Trichloroethene	95	4.915	4.921	-0.006	97	11584	3.29	
* 72 1,4-Dioxane-d8	96	5.256	5.262	-0.006	87	26287	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.177	0.001	99	462467	45.7	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	98645	31.7	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	393637	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	150303	49.9	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	220181	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

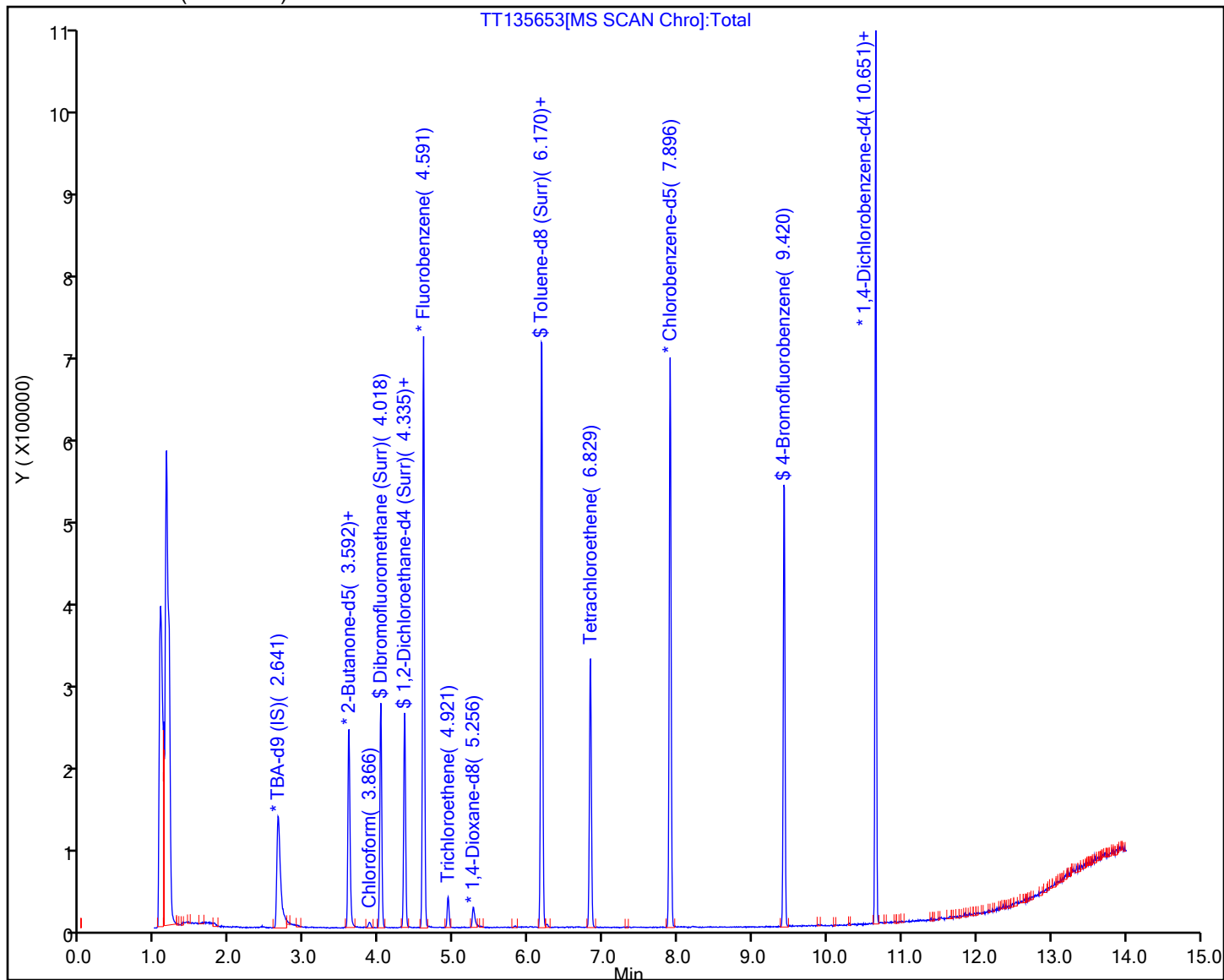
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

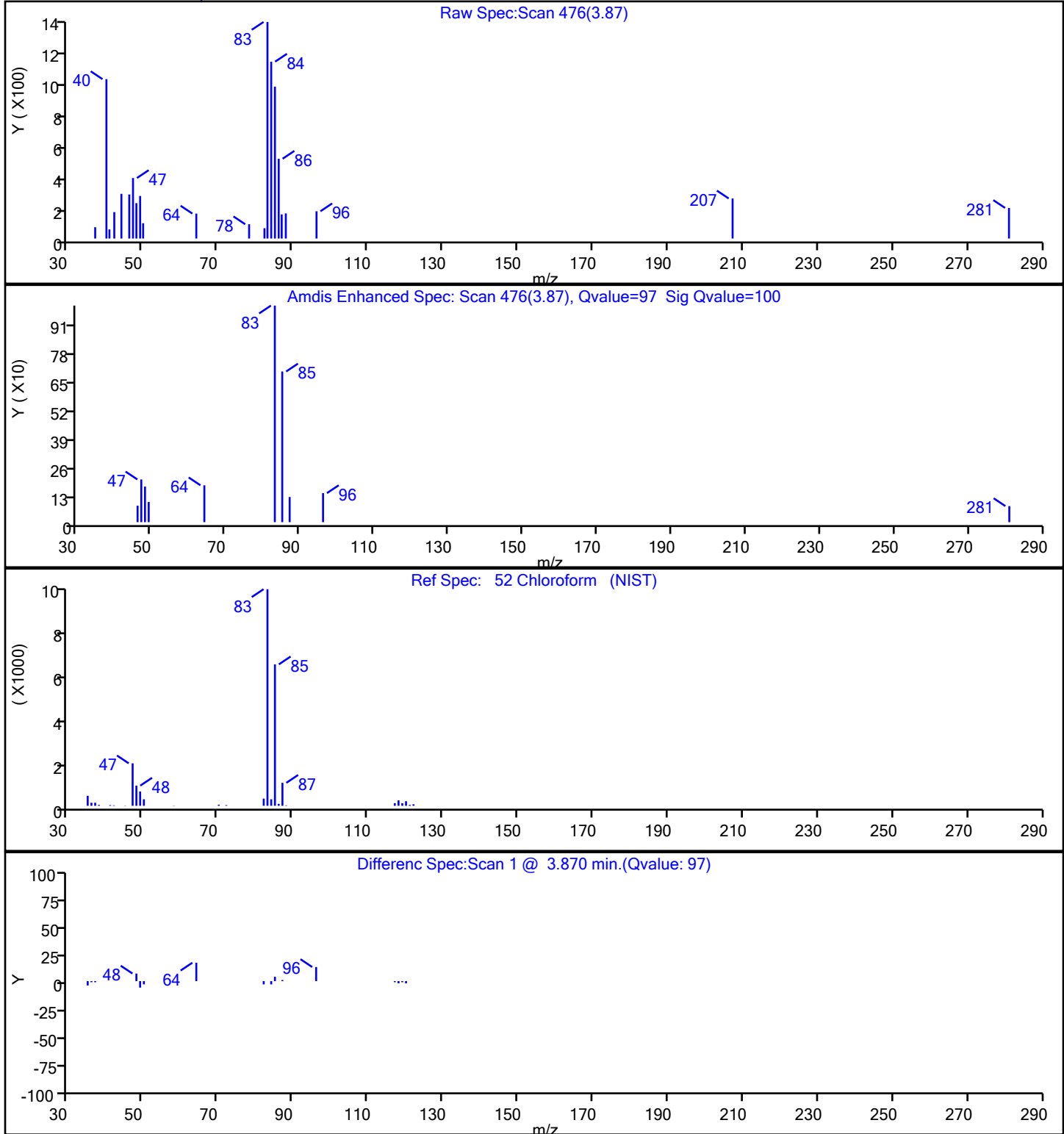
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

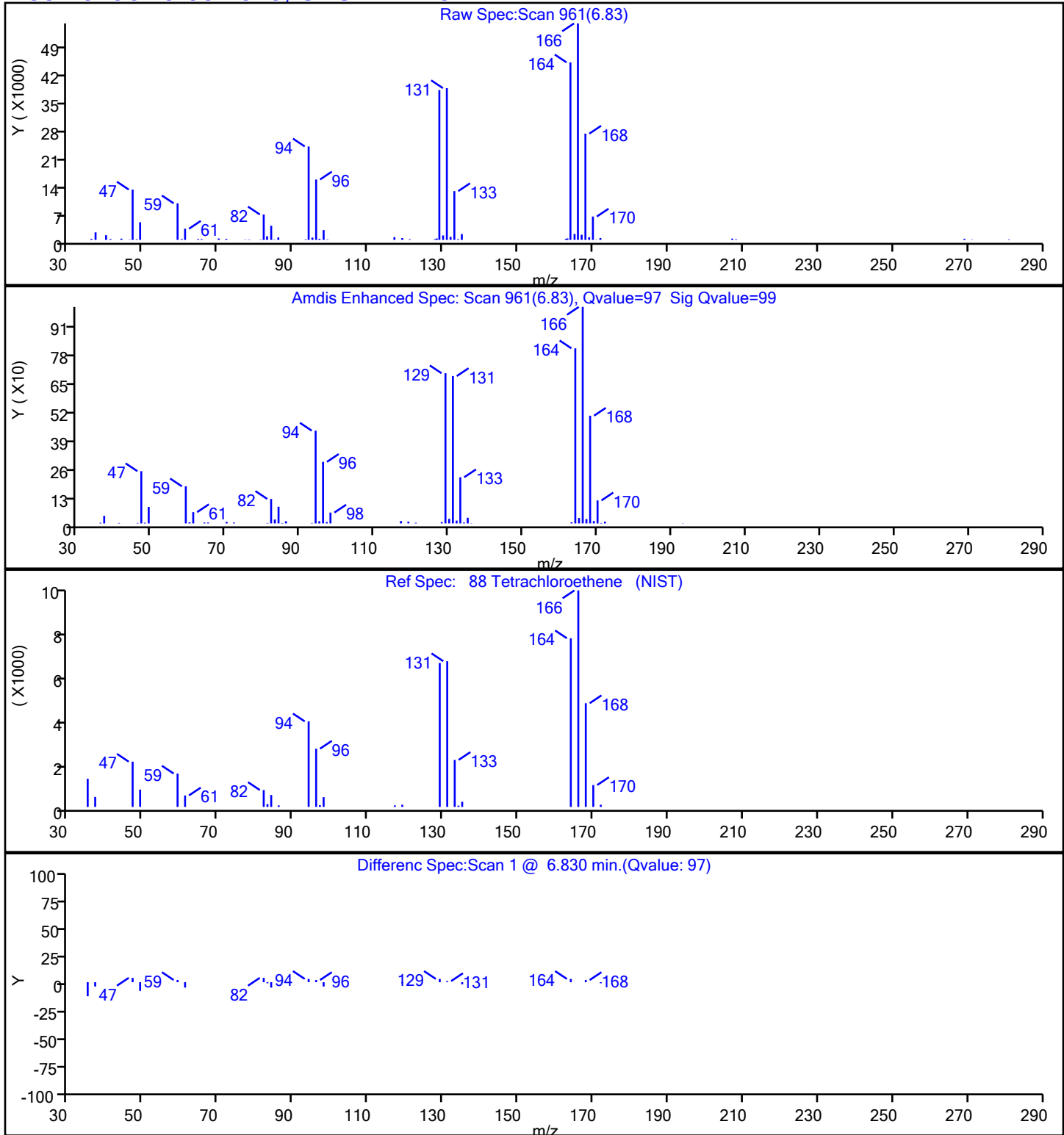
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

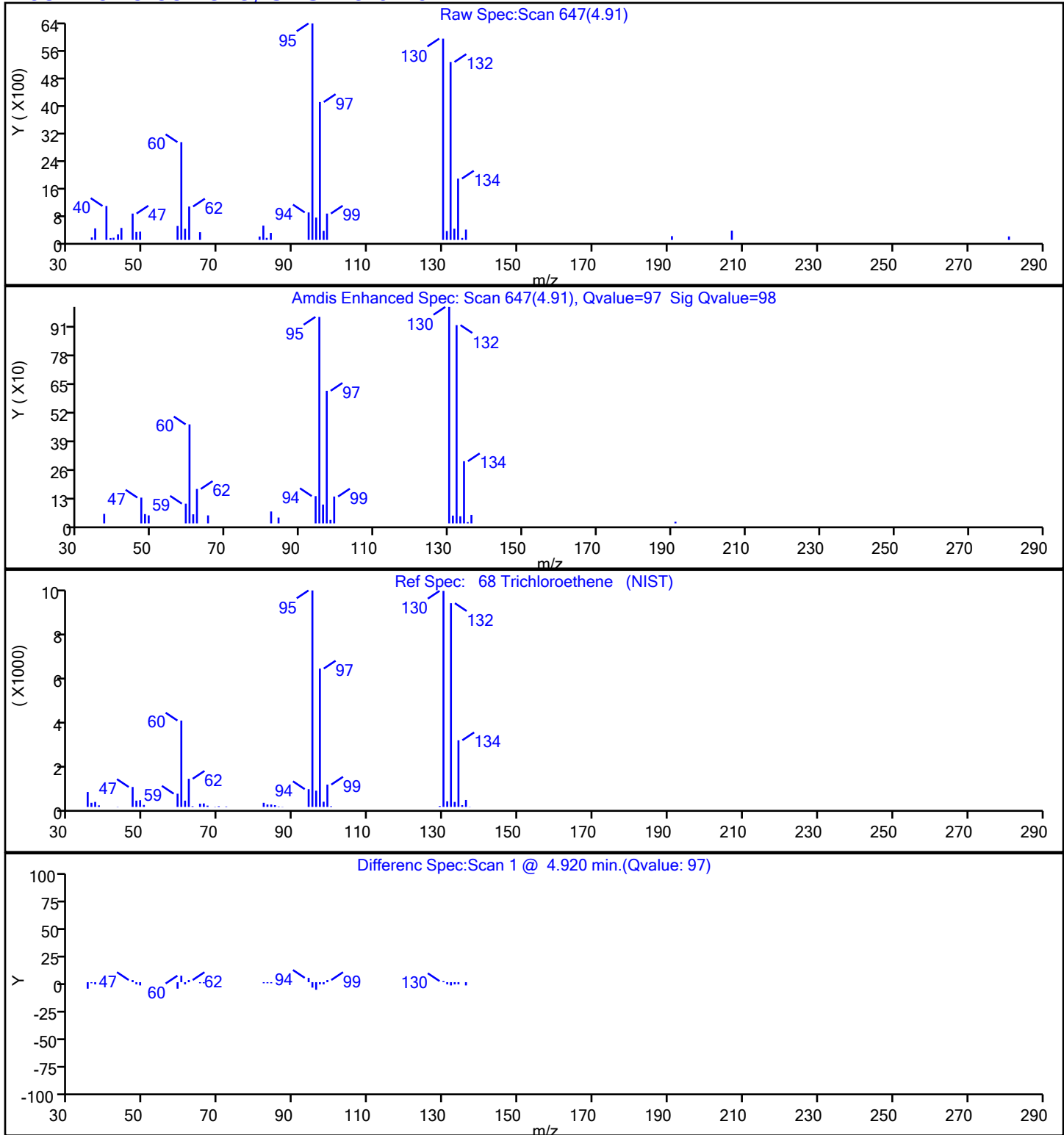
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

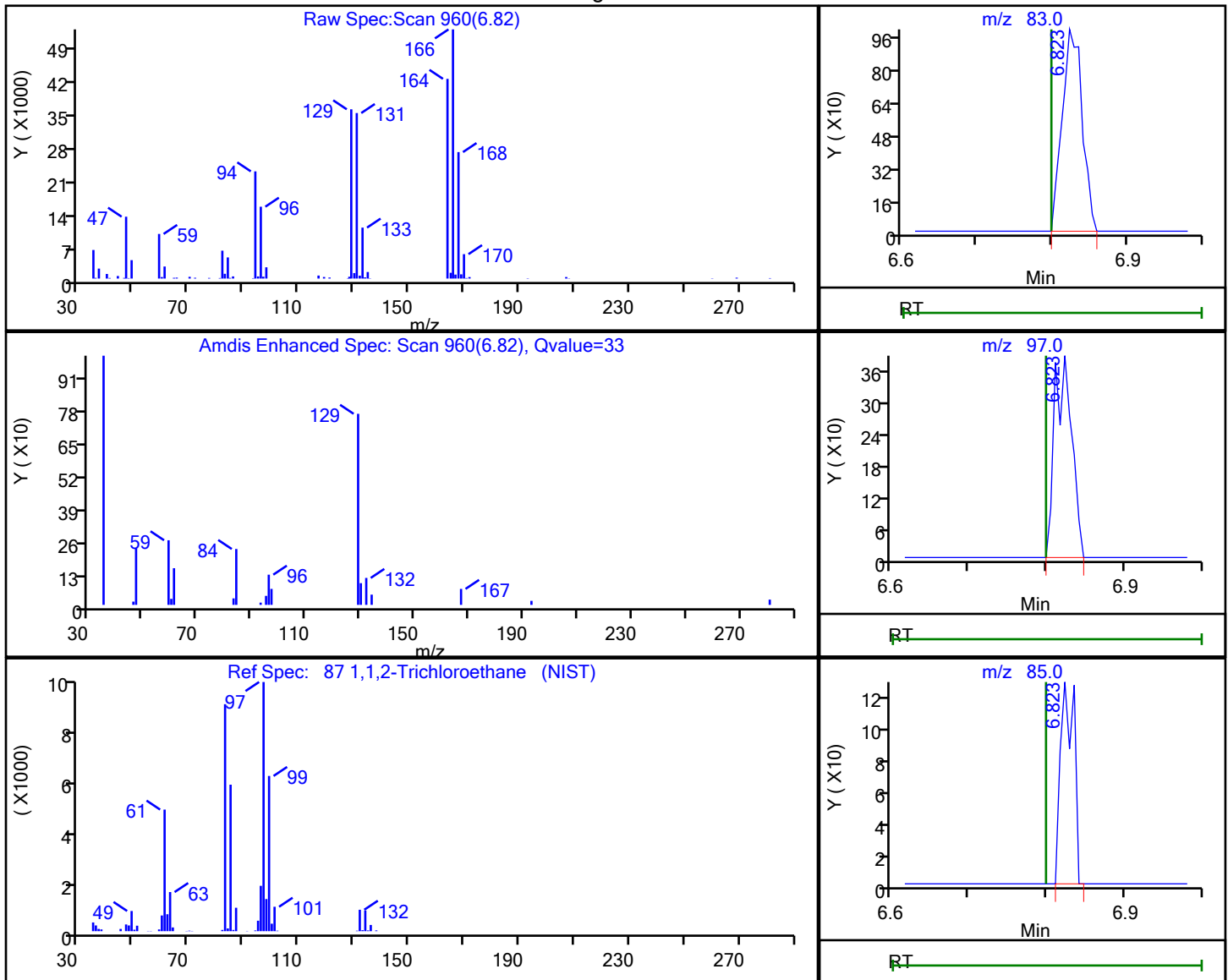
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.82	83.00	1855	0.699309
6.82	97.00	606	
6.82	85.00	158	

Reviewer: parekhv, 04-Jan-2021 21:21:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135653.D

Injection Date: 04-Jan-2021 21:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-7

Lab Sample ID: 460-225707-7

Client ID: MW-8D

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

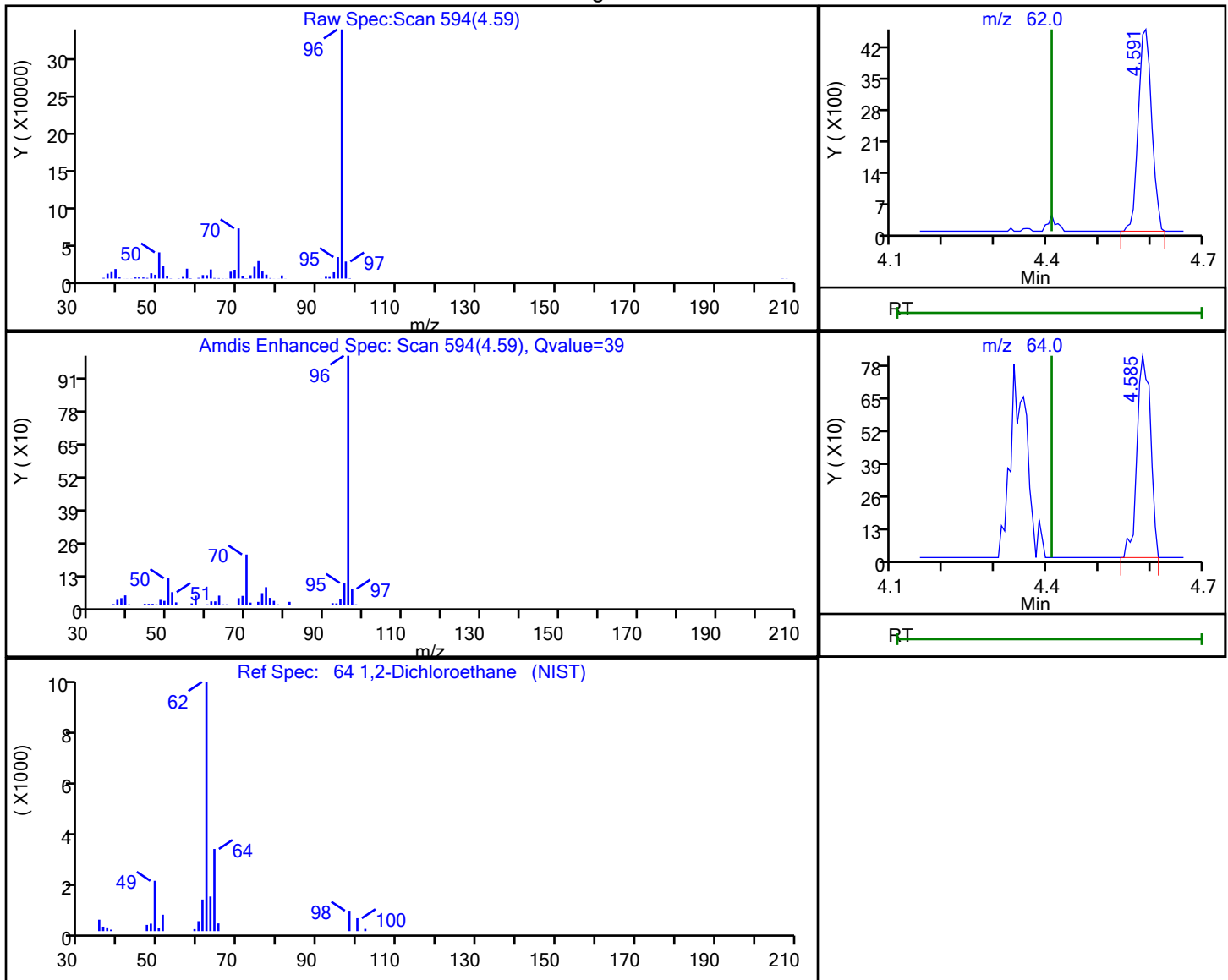
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.59	62.00	8154	1.807974
4.59	64.00	1490	

Reviewer: parekhv, 04-Jan-2021 21:21:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-8 Lab Sample ID: 460-225707-8
 Matrix: Water Lab File ID: TT135654.D
 Analysis Method: 8260D Date Collected: 12/30/2020 11:27
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.51	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-8 Lab Sample ID: 460-225707-8
 Matrix: Water Lab File ID: TT135654.D
 Analysis Method: 8260D Date Collected: 12/30/2020 11:27
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 21:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	77		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	0.22
79-01-6	Trichloroethene	17		1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	96		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D
 Lims ID: 460-225707-A-8
 Client ID: MW-8
 Sample Type: Client
 Inject. Date: 04-Jan-2021 21:22:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-A-8
 Misc. Info.: 460-0122467-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 19:32:13 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1607

First Level Reviewer: parekhv

Date: 04-Jan-2021 21:52:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	39914	1000.0	
* 42 2-Butanone-d5	46	3.591	3.592	-0.001	100	303396	250.0	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	41541	9.98	
52 Chloroform	83	3.878	3.878	0.000	98	3176	0.5063	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	142352	48.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.341	0.000	96	160002	47.8	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	583205	50.0	
68 Trichloroethene	95	4.920	4.921	-0.001	98	59199	16.6	
* 72 1,4-Dioxane-d8	96	5.262	5.262	0.000	89	24920	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.177	0.000	98	466737	45.4	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	243233	77.1	
* 94 Chlorobenzene-d5	117	7.895	7.896	-0.001	87	399422	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	151823	49.7	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	228287	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

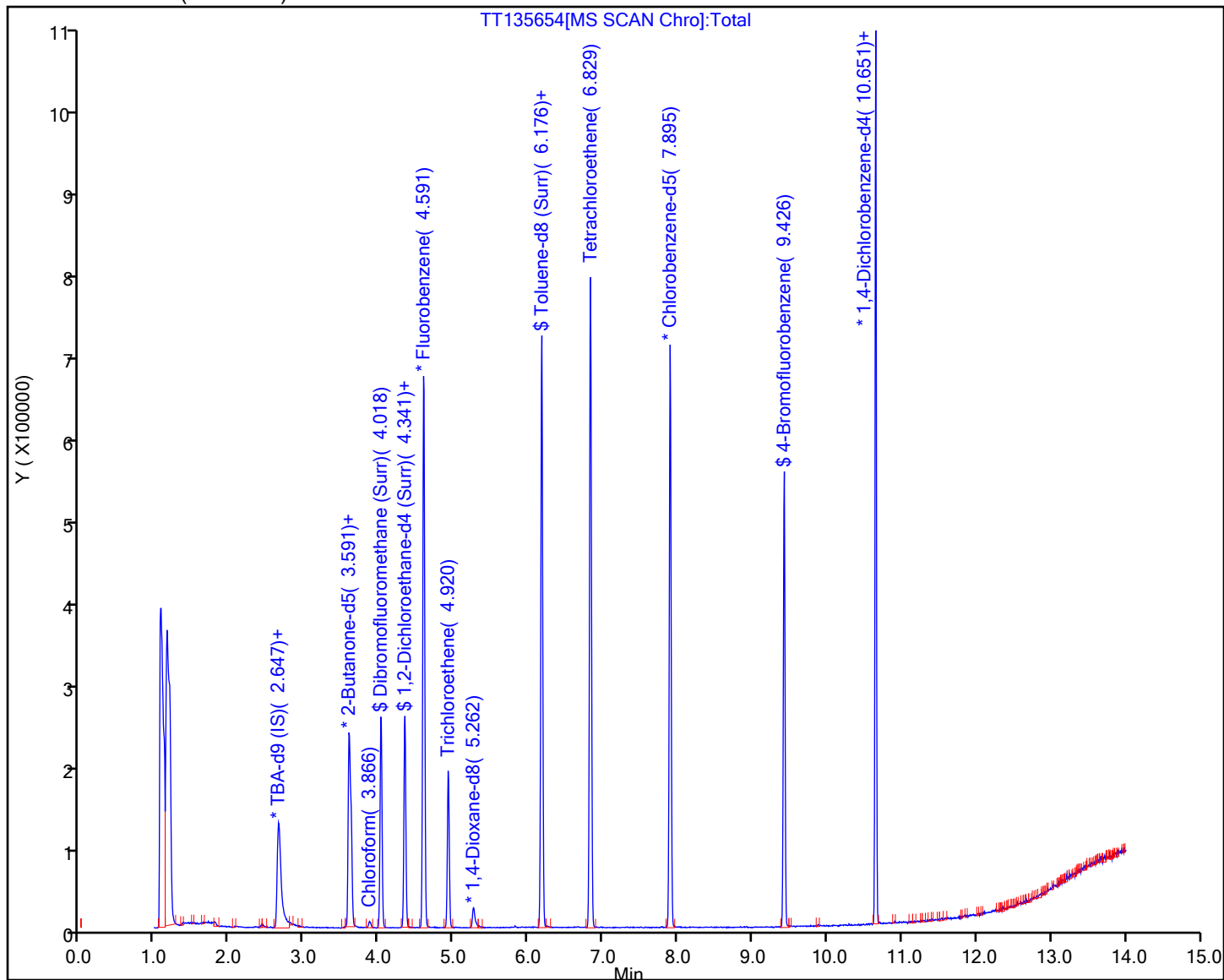
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

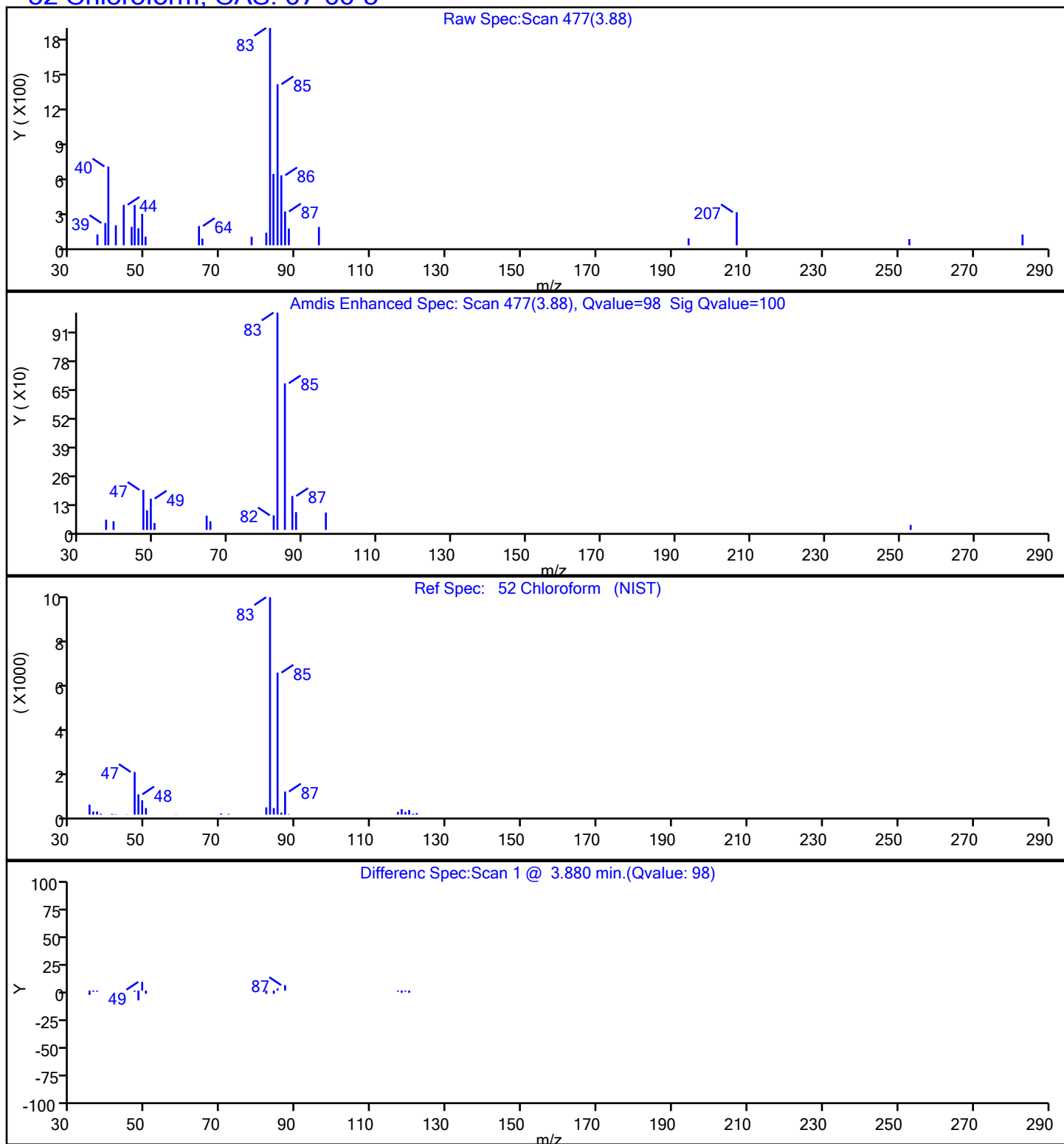
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

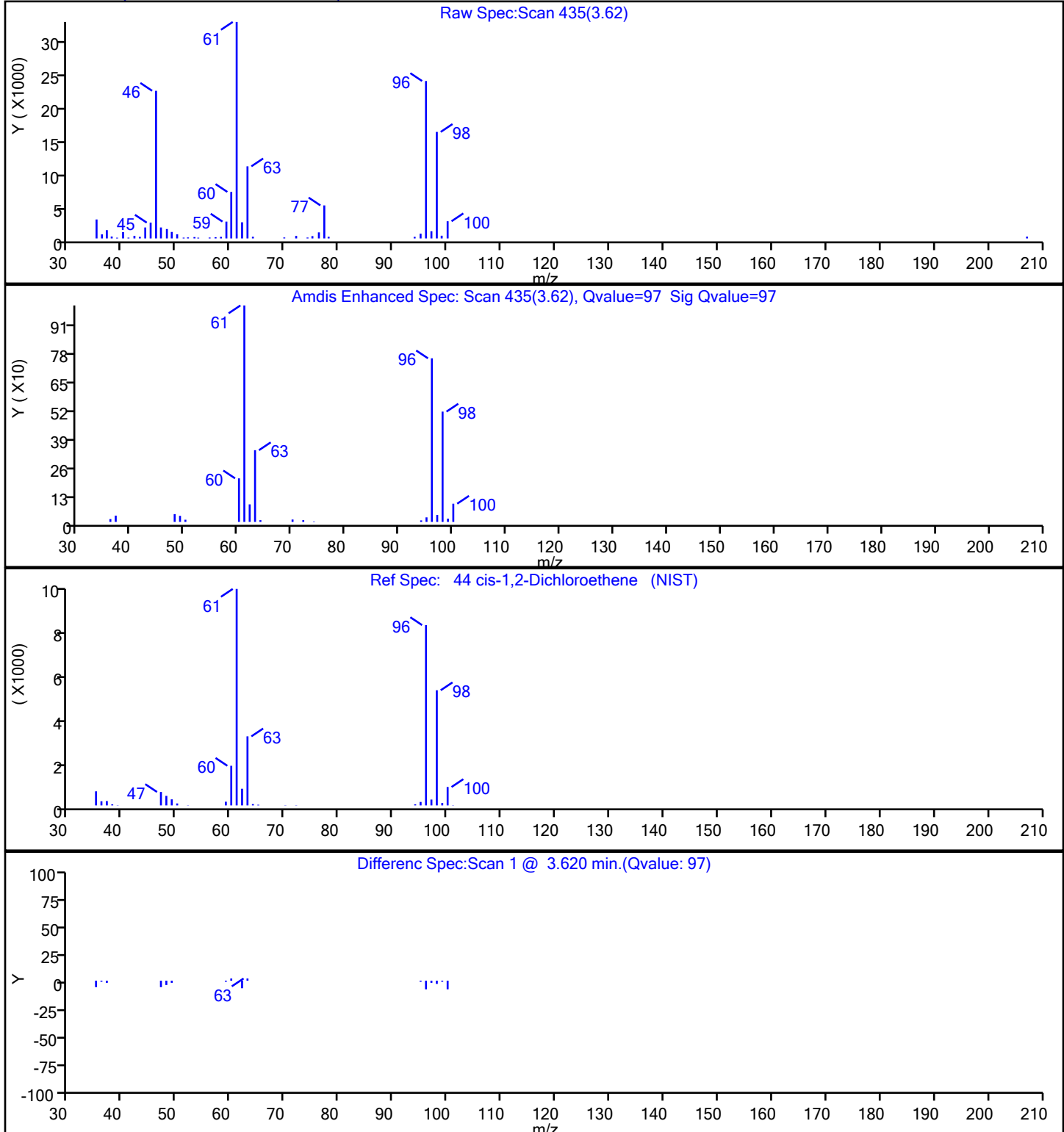
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

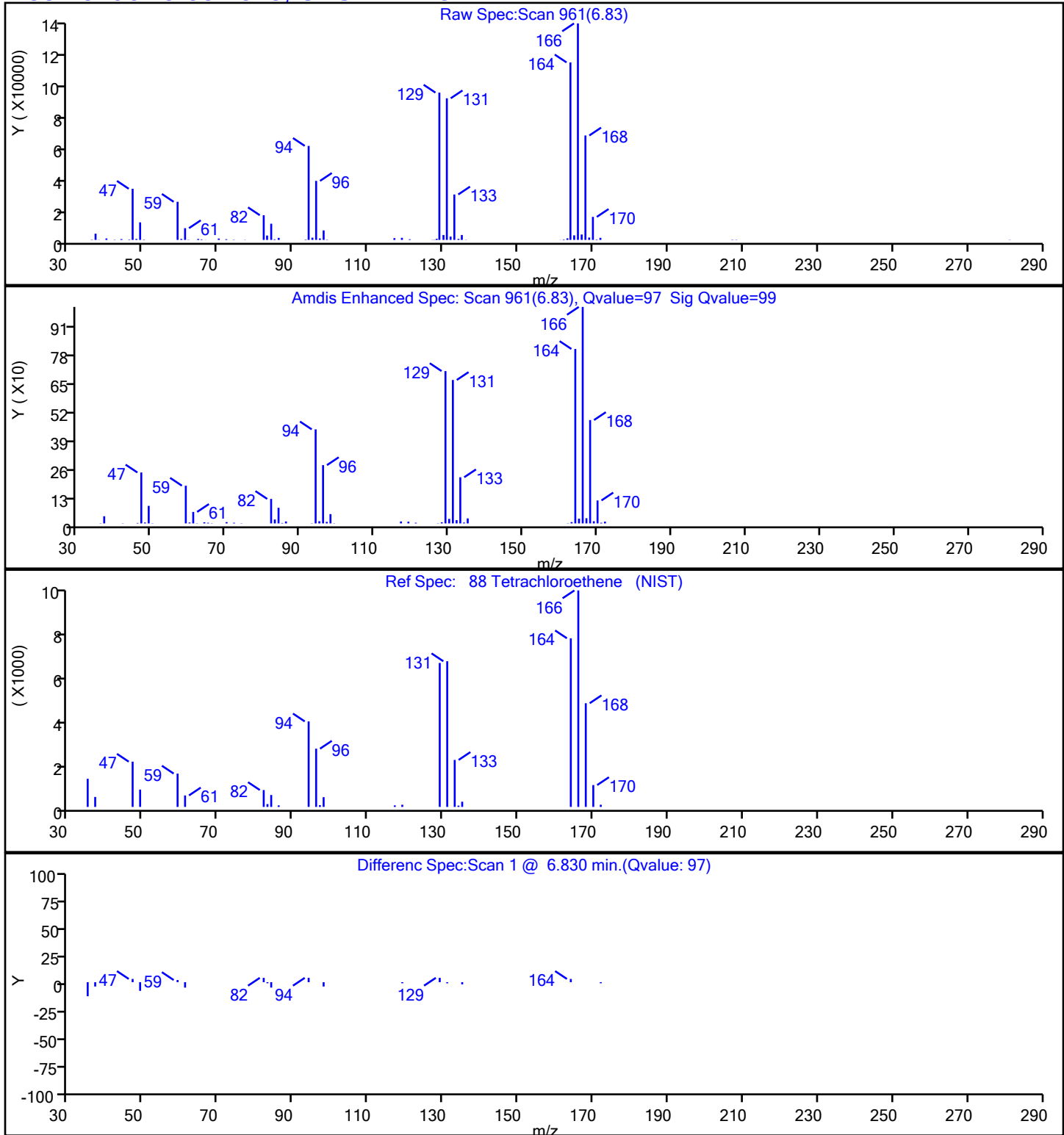
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

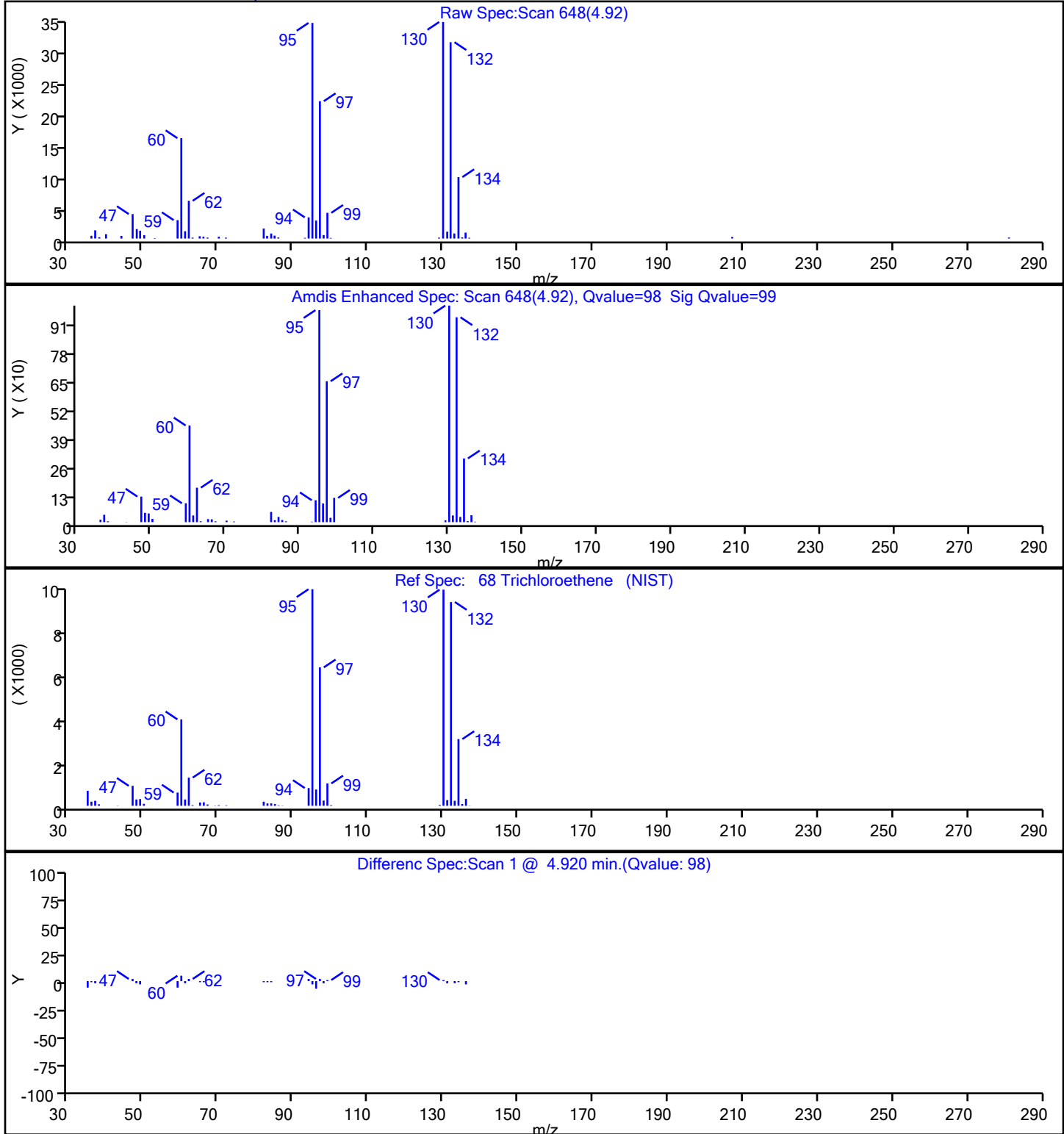
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

68 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135654.D

Injection Date: 04-Jan-2021 21:22:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-8

Lab Sample ID: 460-225707-8

Client ID: MW-8

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

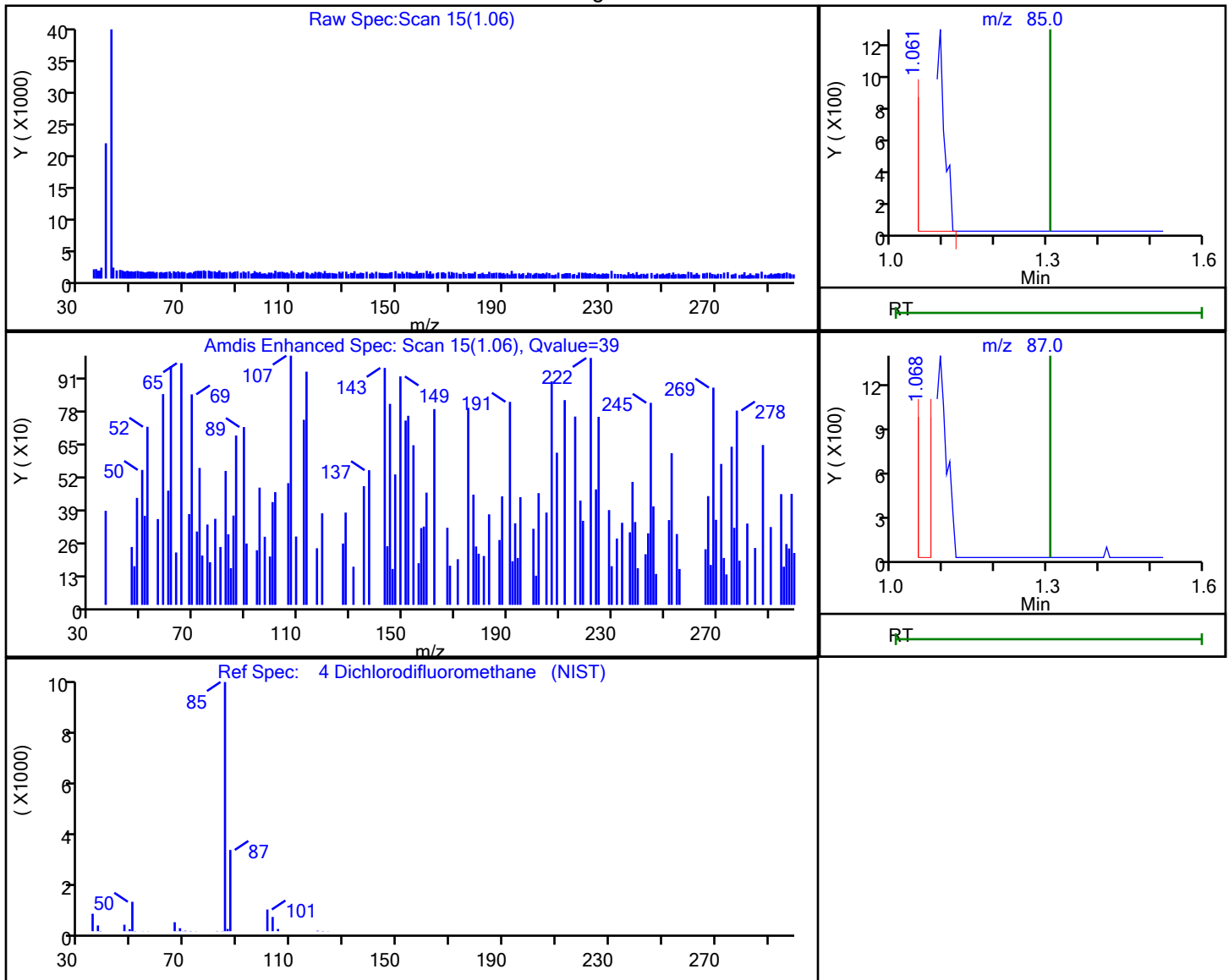
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.06	85.00	3845	0.584862
1.07	87.00	1543	

Reviewer: parekhv, 04-Jan-2021 21:52:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: Equipment-Blank_WLM Lab Sample ID: 460-225707-9

Matrix: Water Lab File ID: TT135621.D

Analysis Method: 8260D Date Collected: 12/30/2020 08:00

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 09:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: Equipment-Blank_WLM Lab Sample ID: 460-225707-9
 Matrix: Water Lab File ID: TT135621.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 09:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	91		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135621.D
 Lims ID: 460-225707-B-9
 Client ID: Equipment-Blank_WLM
 Sample Type: Client
 Inject. Date: 04-Jan-2021 09:00:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-9
 Misc. Info.: 460-0122442-009
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 10:29:27 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1666

First Level Reviewer: desais

Date: 04-Jan-2021 10:04:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	44144	1000.0	
30 Methylene Chloride	84	2.659	2.653	0.006	29	1289	0.2568	a
* 42 2-Butanone-d5	46	3.591	3.592	-0.001	100	306741	250.0	
52 Chloroform	83	3.872	3.878	-0.006	57	1674	0.2402	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	156018	47.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	97	168762	45.4	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	647822	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	91	26739	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	99	514597	46.0	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	434992	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	163605	49.2	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	246841	50.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135621.D

Injection Date: 04-Jan-2021 09:00:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-9

Lab Sample ID: 460-225707-9

Client ID: Equipment-Blank_WLM

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

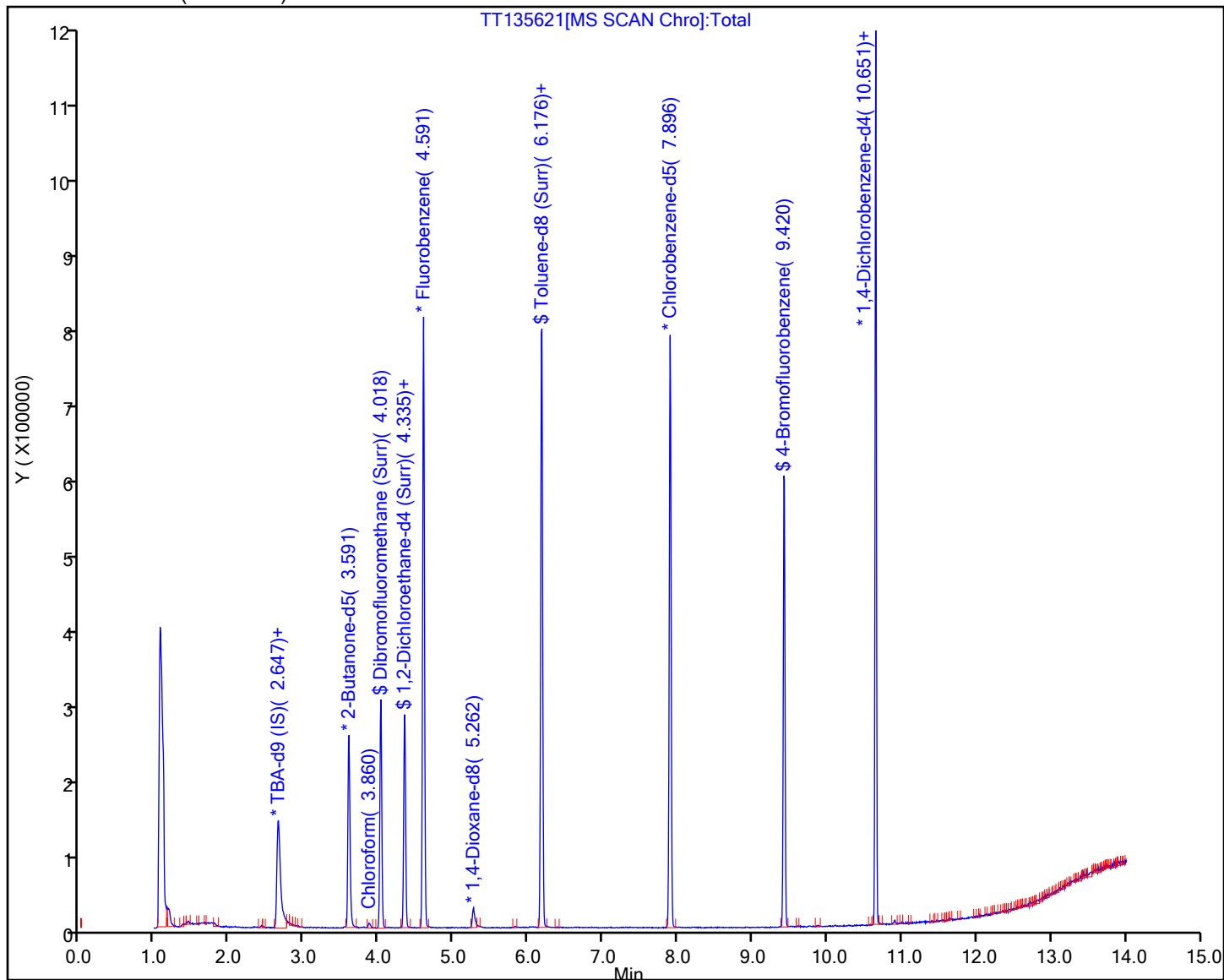
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135621.D

Injection Date: 04-Jan-2021 09:00:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-9

Lab Sample ID: 460-225707-9

Client ID: Equipment-Blank_WLM

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

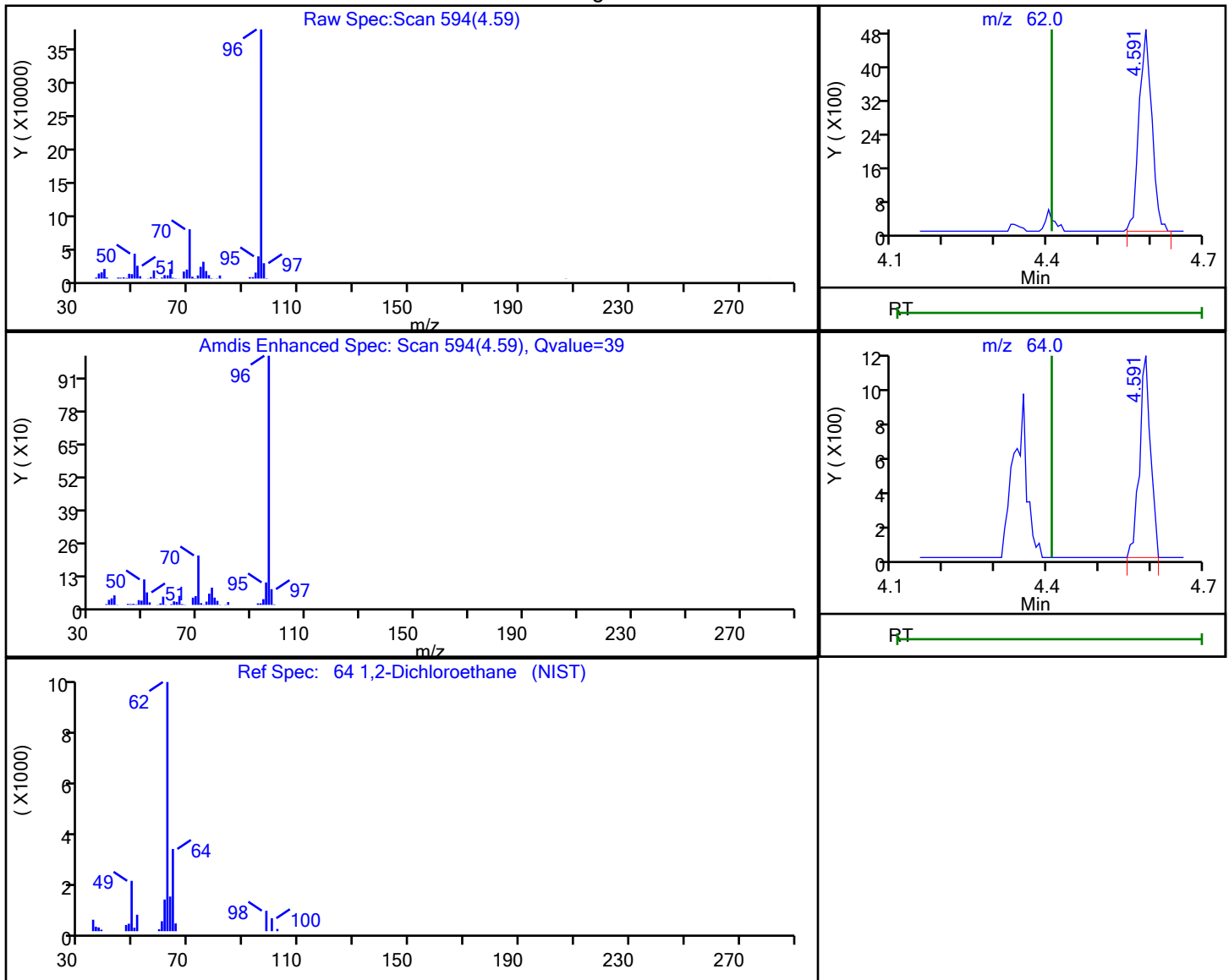
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.59	62.00	8263	1.635023
4.59	64.00	1732	

Reviewer: desais, 04-Jan-2021 10:04:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

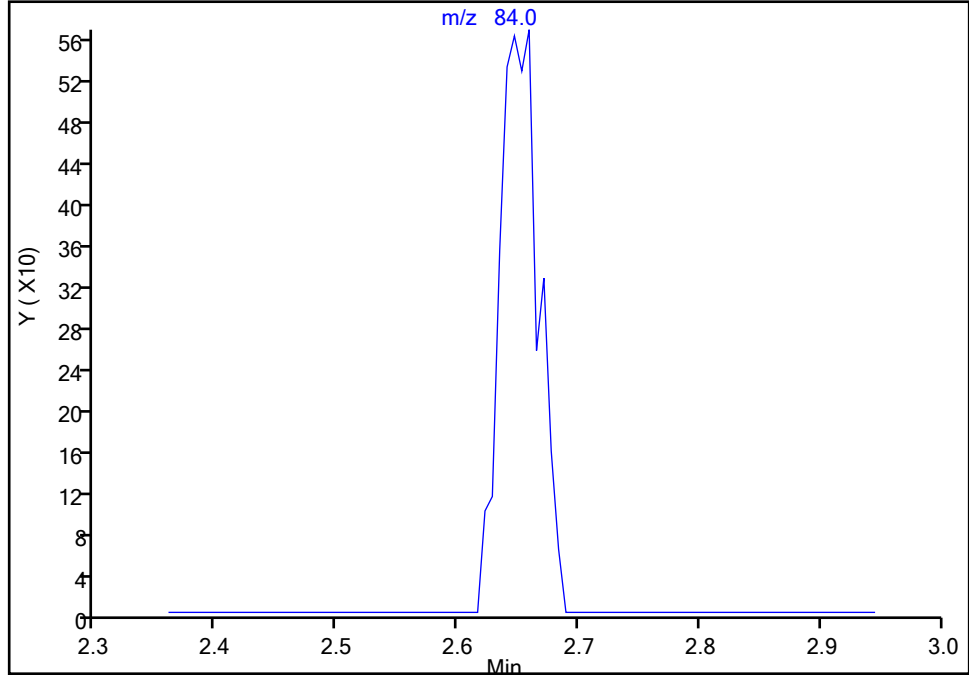
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135621.D		
Injection Date:	04-Jan-2021 09:00:30	Instrument ID:	CVOAMS17
Lims ID:	460-225707-B-9	Lab Sample ID:	460-225707-9
Client ID:	Equipment-Blank_WLM		
Operator ID:		ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	9

30 Methylene Chloride, CAS: 75-09-2

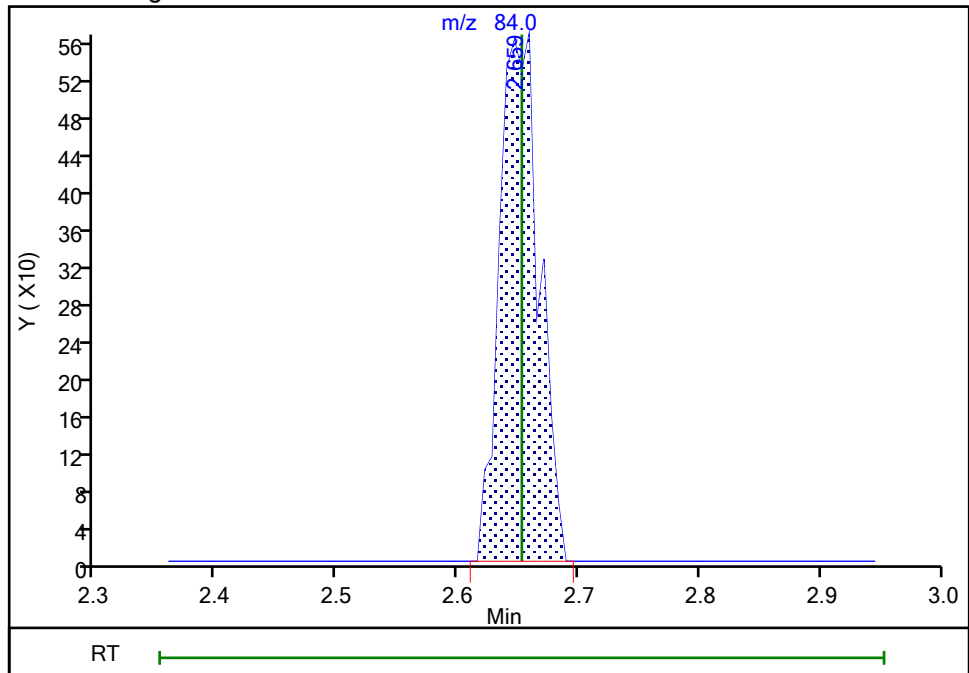
Signal: 1

Not Detected
Expected RT: 2.65

Processing Integration Results

RT: 2.66
Area: 1289
Amount: 0.256804
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 05-Jan-2021 10:29:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: Equipment-Blank_T Lab Sample ID: 460-225707-10

Matrix: Water Lab File ID: TT135622.D

Analysis Method: 8260D Date Collected: 12/30/2020 08:00

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 09:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: Equipment-Blank_T Lab Sample ID: 460-225707-10
 Matrix: Water Lab File ID: TT135622.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 09:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	91		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135622.D
 Lims ID: 460-225707-A-10
 Client ID: Equipment-Blank_T
 Sample Type: Client
 Inject. Date: 04-Jan-2021 09:21:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-A-10
 Misc. Info.: 460-0122442-010
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 10:05:27 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 10:05:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.433	1.433	0.000	96	2807	0.3684	
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	38864	1000.0	
30 Methylene Chloride	84	2.659	2.653	0.006	30	1181	0.2446	
* 42 2-Butanone-d5	46	3.591	3.592	-0.001	100	305968	250.0	
52 Chloroform	83	3.878	3.878	0.000	62	1795	0.2678	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	153122	48.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.335	0.006	97	163610	45.7	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	623097	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	89	26627	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	99	497155	46.0	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	86	420394	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	157628	49.0	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	234037	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135622.D

Injection Date: 04-Jan-2021 09:21:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-10

Lab Sample ID: 460-225707-10

Client ID: Equipment-Blank_T

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

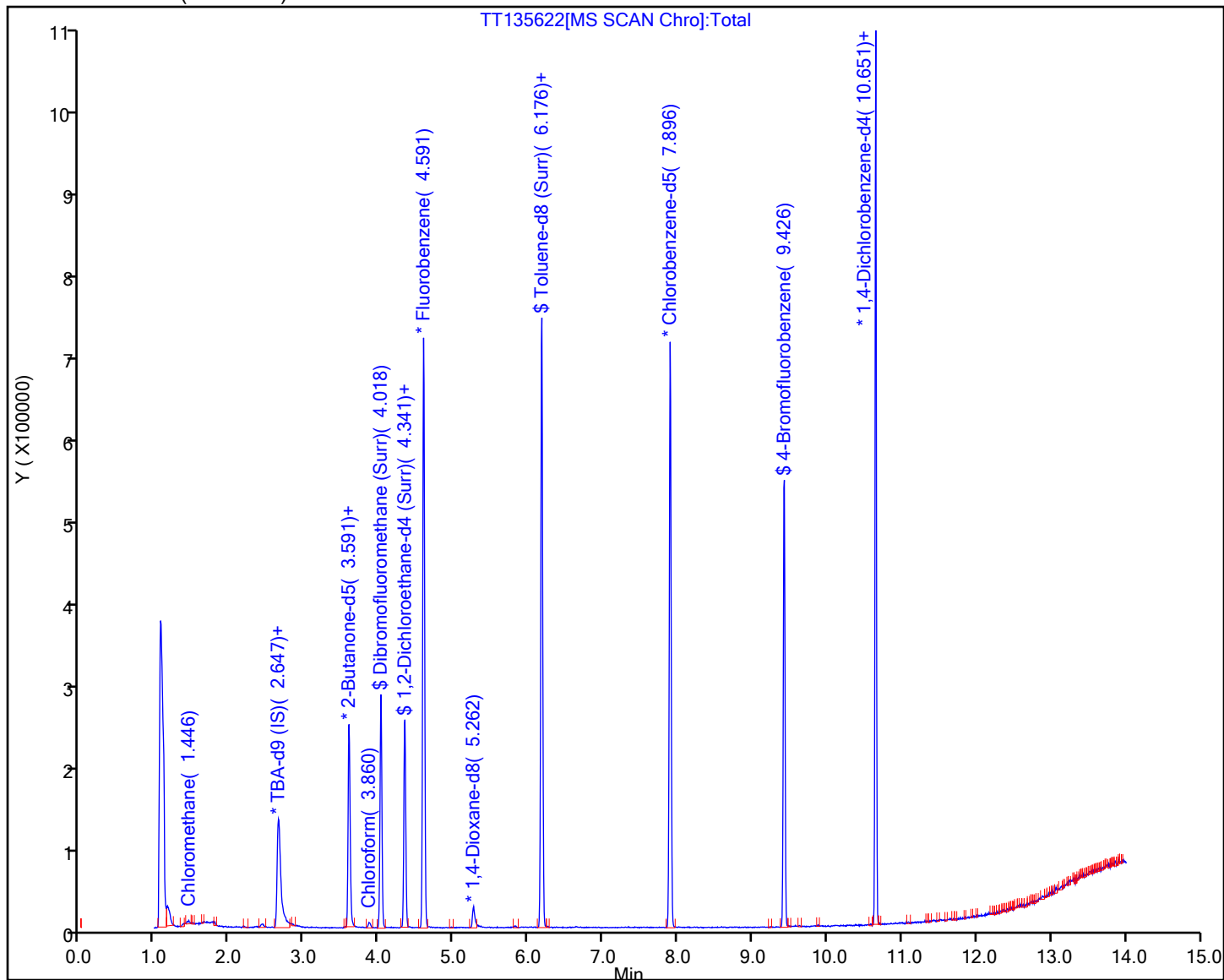
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135622.D

Injection Date: 04-Jan-2021 09:21:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-10

Lab Sample ID: 460-225707-10

Client ID: Equipment-Blank_T

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

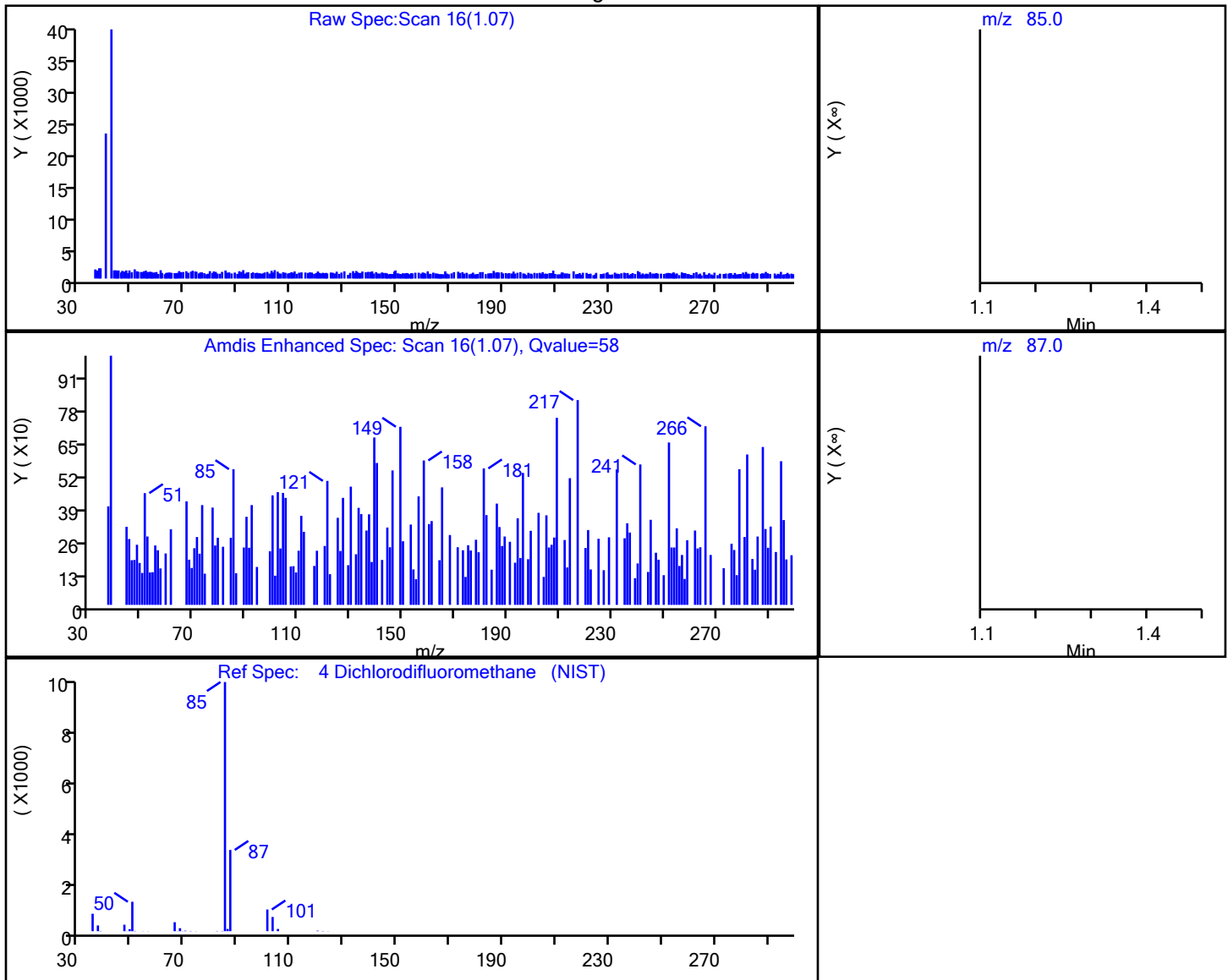
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	2394	0.340837
1.06	87.00	3762	

Reviewer: desais, 04-Jan-2021 10:05:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: Field_Blank Lab Sample ID: 460-225707-11

Matrix: Water Lab File ID: TT135623.D

Analysis Method: 8260D Date Collected: 12/30/2020 08:00

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 09:41

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: Field_Blank Lab Sample ID: 460-225707-11
 Matrix: Water Lab File ID: TT135623.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 09:41
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	92		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135623.D
 Lims ID: 460-225707-A-11
 Client ID: Field_Blank
 Sample Type: Client
 Inject. Date: 04-Jan-2021 09:41:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-A-11
 Misc. Info.: 460-0122442-011
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 10:05:27 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 10:05:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.641	2.647	-0.006	99	36181	1000.0	
30 Methylene Chloride	84	2.634	2.653	-0.019	30	1259	0.2672	
* 42 2-Butanone-d5	46	3.585	3.592	-0.007	100	297049	250.0	
52 Chloroform	83	3.878	3.878	0.000	90	1779	0.2720	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	148800	48.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	96	161234	46.2	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	608070	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	91	26191	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	99	487675	45.3	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	86	418239	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	154398	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	226706	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135623.D

Injection Date: 04-Jan-2021 09:41:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-11

Lab Sample ID: 460-225707-11

Client ID: Field_Blank

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

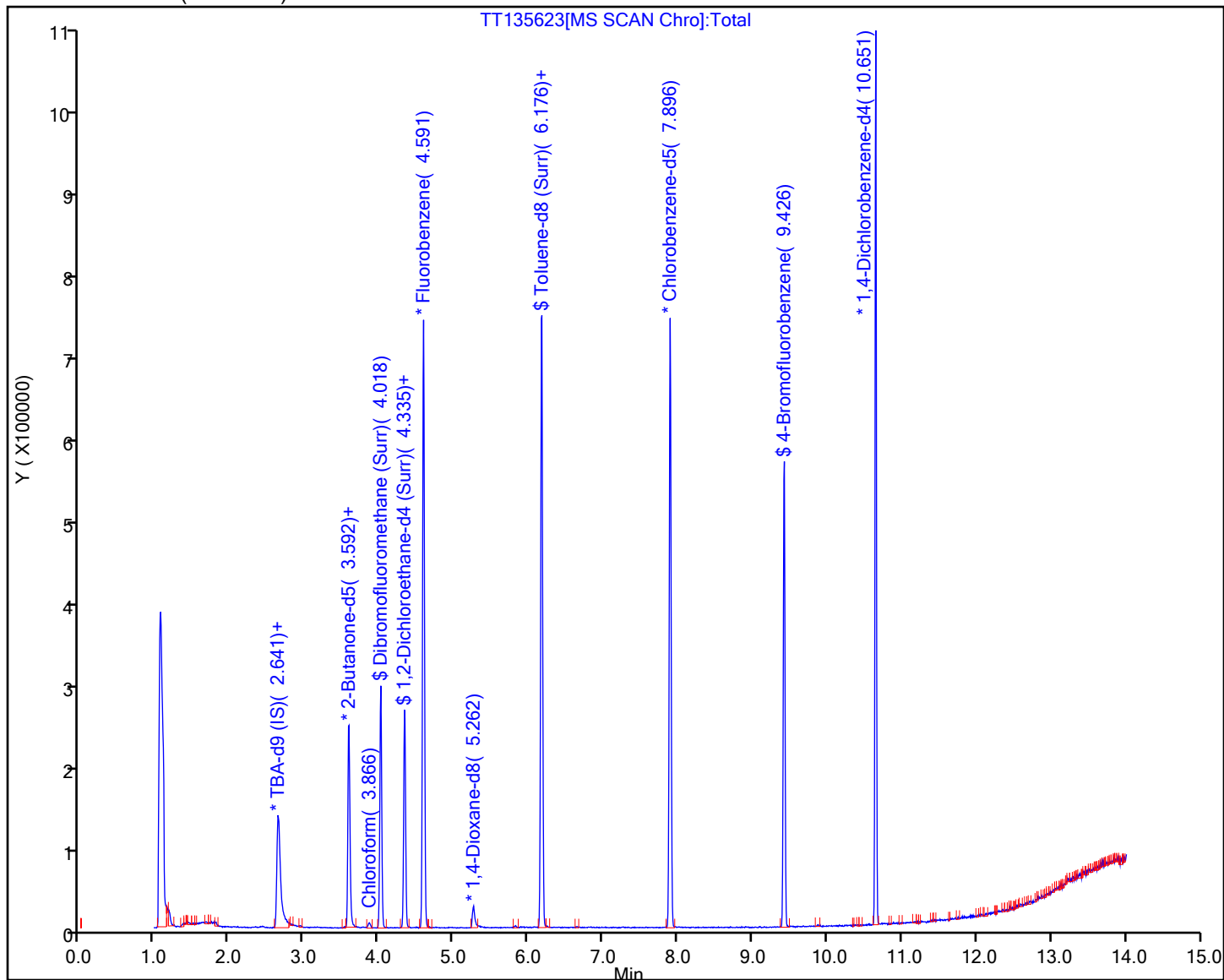
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135623.D

Injection Date: 04-Jan-2021 09:41:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-11

Lab Sample ID: 460-225707-11

Client ID: Field_Blank

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

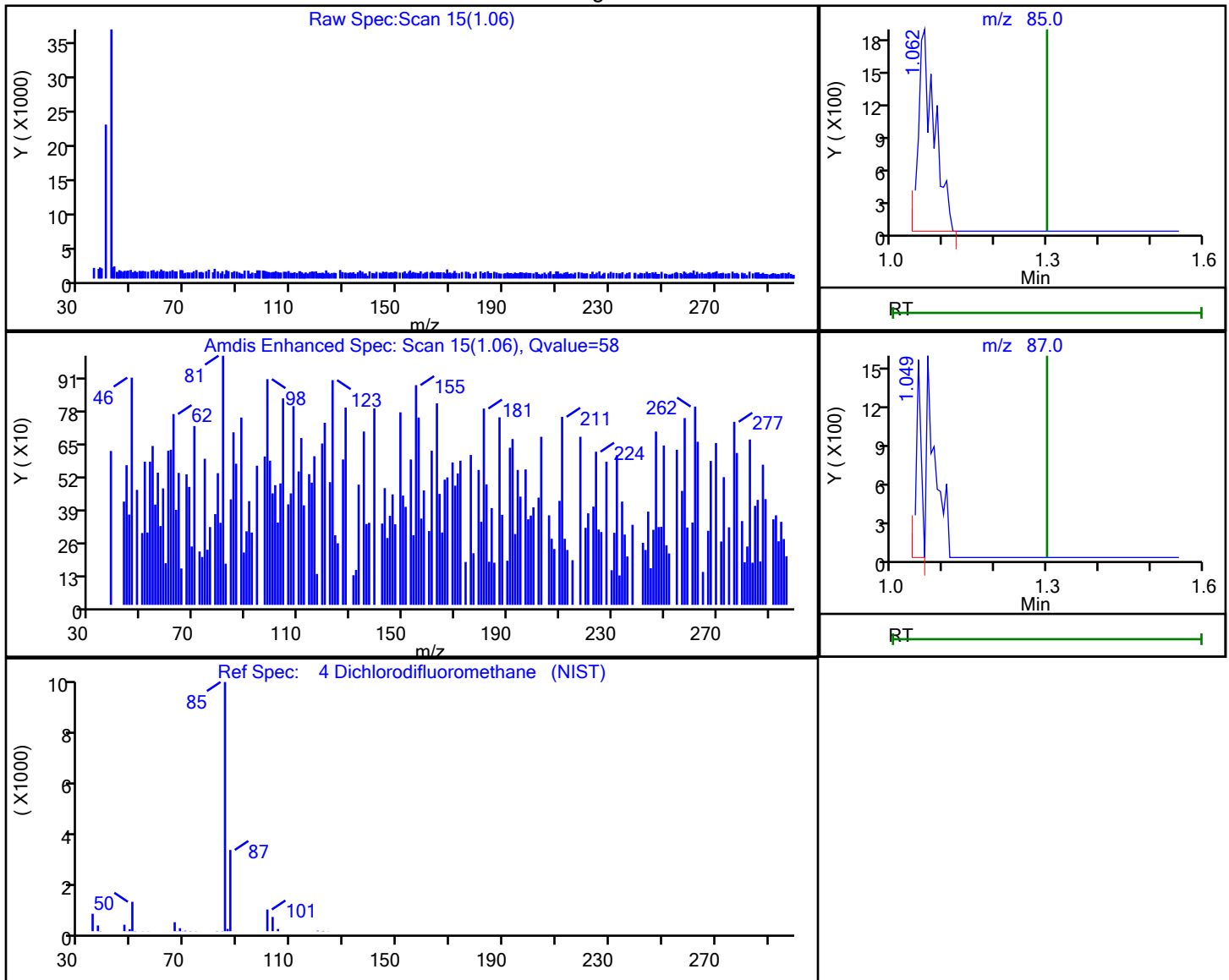
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.06	85.00	3923	0.572326
1.05	87.00	935	

Reviewer: desais, 04-Jan-2021 10:05:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: Trip_Blank Lab Sample ID: 460-225707-12
 Matrix: Water Lab File ID: TT135624.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 10:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: Trip_Blank Lab Sample ID: 460-225707-12
 Matrix: Water Lab File ID: TT135624.D
 Analysis Method: 8260D Date Collected: 12/30/2020 08:00
 Sample wt/vol: 5(mL) Date Analyzed: 01/04/2021 10:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	95		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135624.D
 Lims ID: 460-225707-A-12
 Client ID: Trip_Blank
 Sample Type: Client
 Inject. Date: 04-Jan-2021 10:02:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-A-12
 Misc. Info.: 460-0122442-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 09:42:08 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 10:51:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	40771	1000.0	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	295770	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	143755	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.335	0.007	96	159491	47.6	
* 66 Fluorobenzene	96	4.592	4.591	0.001	99	583493	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	90	26110	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.176	0.001	99	464776	45.5	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	397564	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	152707	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	229980	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135624.D

Injection Date: 04-Jan-2021 10:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-12

Lab Sample ID: 460-225707-12

Client ID: Trip_Blank

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

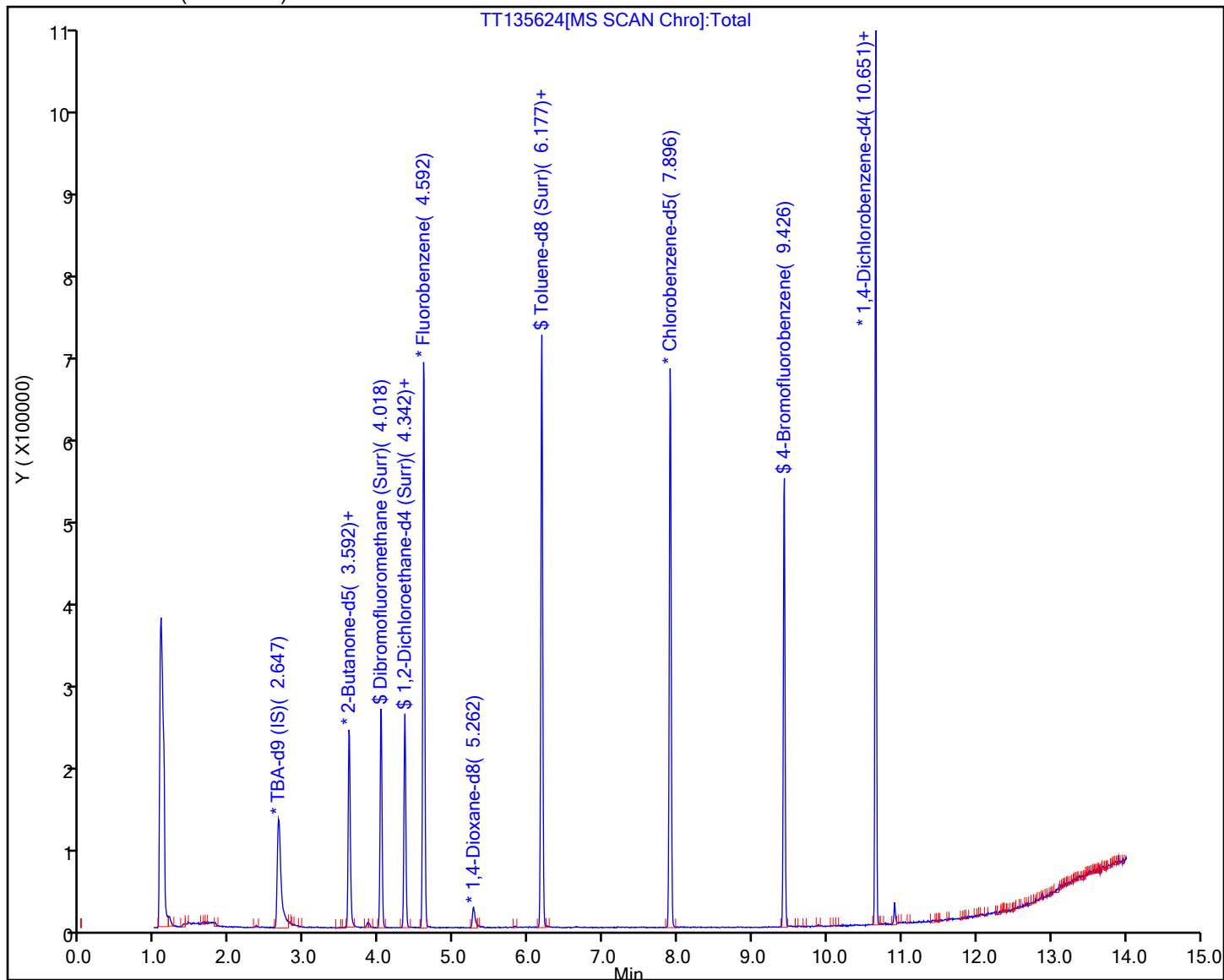
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135624.D

Injection Date: 04-Jan-2021 10:02:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-A-12

Lab Sample ID: 460-225707-12

Client ID: Trip_Blank

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

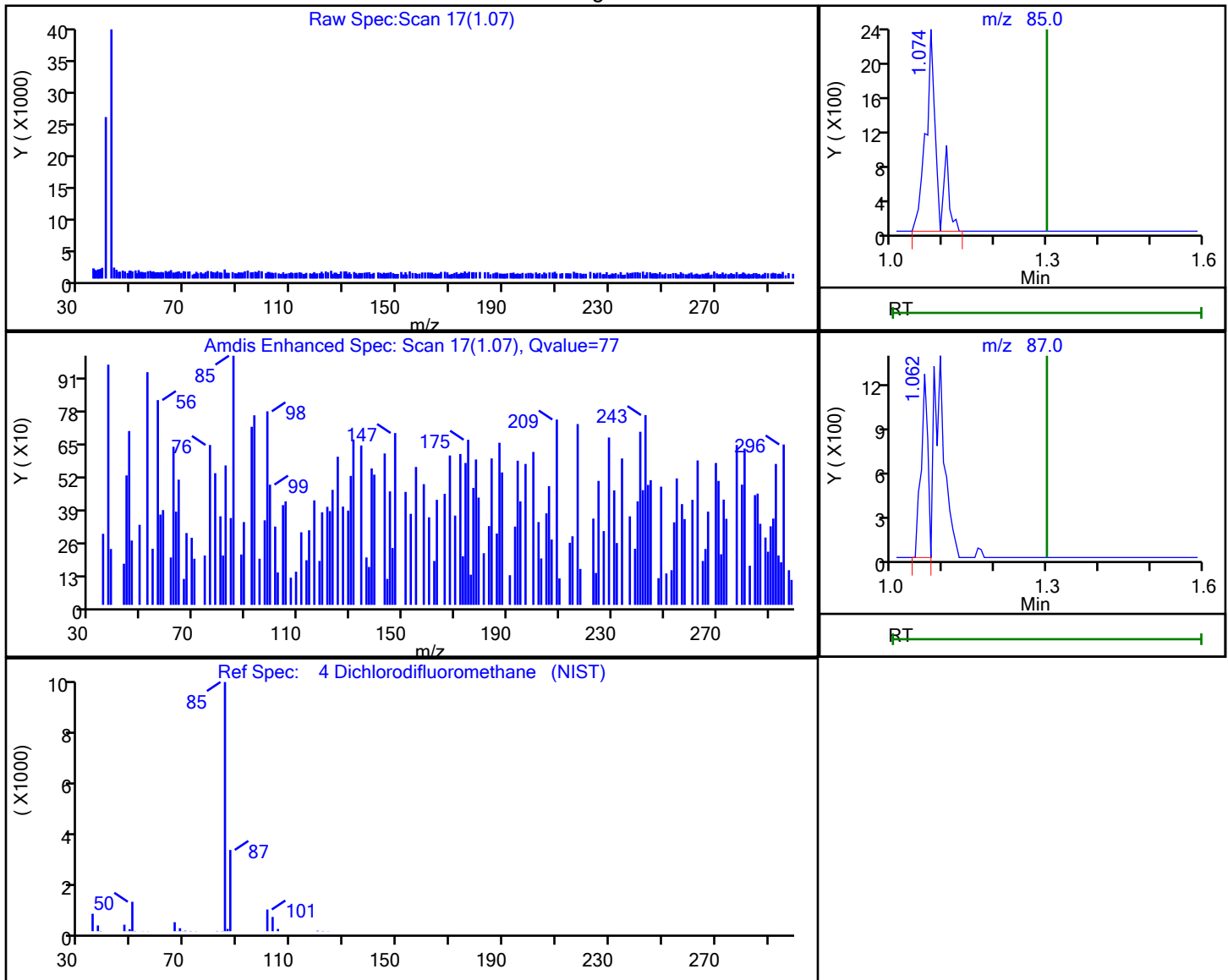
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	3631	0.552038
1.06	87.00	1085	

Reviewer: desais, 04-Jan-2021 10:50:59

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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-739487/3	TT133019.D
Level 2	STD05 460-739487/4	TT133020.D
Level 3	STD1 460-739487/5	TT133021.D
Level 4	STD5 460-739487/6	TT133022.D
Level 5	STD20 460-739487/7	TT133023.D
Level 6	STD50 460-739487/8	TT133024.D
Level 7	STD200 460-739487/9	TT133025.D
Level 8	STD500 460-739487/10	TT133026.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.1597	0.1413 0.1595	0.1315 0.1639	0.1471	0.1436	Ave		0.1495				7.9		20.0			
Dichlorodifluoromethane	++++ 0.6629	0.4543 0.6274	0.4516 0.6423	0.5495	0.5574	Ave		0.5636			0.1000	15.3		20.0			
Chlorodifluoromethane	++++ 0.5621	0.3644 0.5729	0.4999 0.5386	0.5745	0.5045	Ave		0.5167				14.3		20.0			
Chloromethane	++++ 0.6610	0.6097 0.6160	0.5903 0.6127	0.6096	0.5808	Ave		0.6114			0.1000	4.2		20.0			
Butadiene	0.6662 0.5455	0.5318 0.5164	0.5459 0.4711	0.5324	0.4873	Ave		0.5371				10.9		20.0			
Vinyl chloride	++++ 0.6335	0.6568 0.5769	0.6220 0.5447	0.5804	0.5621	Ave		0.5966			0.1000	6.9		20.0			
Bromomethane	++++ 2.6003	3.2144 2.4623	3.1469 2.2044	3.0401	2.5017	Ave		2.7386			0.1000	14.3		20.0			
Chloroethane	++++ 2.0782	3.3542 1.9957	3.3074 1.7475	2.3171	2.0463	QuaF		2.1536	-0.000812		0.1000				1.0000		0.9900
Dichlorofluoromethane	++++ 0.7824	0.7833 0.7212	0.7164 0.6759	0.7220	0.7201	Ave		0.7316				5.3		20.0			
Trichlorofluoromethane	++++ 0.5969	0.5393 0.5678	0.5352 0.5205	0.5533	0.5397	Ave		0.5504			0.1000	4.6		20.0			
Pentane	++++ 0.0645	0.0782 0.0592	0.0533 0.0537	0.0670	0.0600	Ave		0.0623				13.9		20.0			
Ethanol	++++ 0.5107	0.3566 0.4947	0.3151 0.5093	0.4390	0.4251	Ave		0.4358				17.6		20.0			
Ethyl ether	++++ 0.1929	0.2622 0.1730	0.1780 0.1621	0.2143	0.1780	Ave		0.1943				17.6		20.0			
2-Methyl-1,3-butadiene	++++ 0.3390	0.3928 0.3027	0.3064 0.2875	0.3392	0.3085	Ave		0.3252				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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3030	0.2966 0.2590	0.3336 0.2611	0.3247	0.2751	Ave		0.2933				10.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.5143	0.5071 0.4543	0.4815 0.4394	0.5554	0.4811	Ave		0.4905				8.0		20.0			
Acrolein	++++ 9.1451	13.752 9.8871	11.059 9.2207	9.7134	9.3814	Ave		10.308				16.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3366	0.3209 0.2996	0.2865 0.2787	0.3516	0.3072	Ave		0.3116			0.1000	8.5		20.0			
1,1-Dichloroethene	++++ 0.3303	0.3795 0.2859	0.3073 0.2820	0.3538	0.3028	Ave		0.3202			0.1000	11.3		20.0			
Acetone	++++ 0.7291	0.9353 0.7119	0.8696 0.7625	0.8484	0.6943	Ave		0.7930			0.0500	11.6		20.0			
Iodomethane	++++ 0.5969	0.5996 0.5103	0.5525 0.5155	0.6298	0.5449	Ave		0.5642				8.1		20.0			
Isopropyl alcohol	++++ 5.4507	7.3470 5.3019	4.6509 5.4584	6.2735	5.3718	Ave		5.6935				15.3		20.0			
Carbon disulfide	++++ 1.4327	1.4785 1.1759	1.3316 1.1663	1.5212	1.3242	Ave		1.3472			0.1000	10.4		20.0			
3-Chloro-1-propene	++++ 0.2175	0.1968 0.1877	0.1949 0.1862	0.2338	0.1981	Ave		0.2021				8.6		20.0			
Methyl acetate	++++ 0.2645	0.2884 0.2270	0.2410 0.2077	0.2894	0.2486	Ave		0.2524			0.1000	12.1		20.0			
Cyclopentene	++++ 0.8889	0.9316 0.7633	0.7602 0.7380	0.9031	0.8135	Ave		0.8284				9.5		20.0			
Acetonitrile	++++ 0.2311	0.3094 0.2004	0.2580 0.2035	0.2637	0.2161	Ave		0.2403				16.3		20.0			
Methylene Chloride	++++ 0.4028	0.4346 0.3465	0.3794 0.3477	0.4275	0.3734	Ave		0.3874			0.1000	9.2		20.0			
2-Methyl-2-propanol	++++ 7.3996	8.8714 7.4335	8.6752 8.5206	9.0623	7.2395	Ave		8.1717				9.6		20.0			
Methyl tert-butyl ether	++++ 0.8936	1.0228 0.7738	0.7859 0.7117	0.9956	0.8473	Ave		0.8615			0.1000	13.5		20.0			
trans-1,2-Dichloroethene	++++ 0.3381	0.3755 0.2892	0.3194 0.2894	0.3553	0.3099	Ave		0.3253			0.1000	10.1		20.0			
Acrylonitrile	0.1673 0.1405	0.1308 0.1224	0.1215 0.1140	0.1529	0.1325	Ave		0.1352				13.1		20.0			
Hexane	++++ 0.4756	0.4962 0.4299	0.4200 0.4046	0.5010	0.4618	Ave		0.4556				8.4		20.0			
Isopropyl ether	++++ 1.2094	1.2570 1.0598	1.1593 1.0080	1.3621	1.1371	Ave		1.1704				10.2		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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	++++ 0.6122	0.6411 0.5388	0.5911 0.5299	0.6604	0.5720	Ave		0.5922			0.2000	8.3		20.0			
Vinyl acetate	++++ 0.5056	0.6116 0.4676	0.5641 0.4843	0.5340	0.4746	Ave		0.5203				10.2		20.0			
2-Chloro-1,3-butadiene	++++ 0.2843	0.2954 0.2512	0.2632 0.2471	0.3159	0.2683	Ave		0.2751				9.0		20.0			
Tert-butyl ethyl ether	++++ 1.0327	1.0924 0.9167	0.9777 0.8632	1.1749	0.9802	Ave		1.0054				10.5		20.0			
2,2-Dichloropropane	++++ 0.1195	0.2004 0.1079	0.1307 0.1112	0.1279	0.1081	QuaF		0.1076	0.0000071						1.0000		0.9900
cis-1,2-Dichloroethene	++++ 0.3605	0.4079 0.3223	0.3564 0.3273	0.3904	0.3342	Ave		0.3570			0.1000	9.1		20.0			
2-Butanone (MEK)	++++ 0.2733	0.4080 0.2565	0.3209 0.2598	0.3307	0.2649	Ave		0.3020			0.0500	18.4		20.0			
Ethyl acetate	++++ 0.2583	0.2002 0.2406	0.3289 0.2478	0.3360	0.2580	Ave		0.2671				18.3		20.0			
Methyl acrylate	++++ 0.2984	0.2839 0.2624	0.2895 0.2480	0.3257	0.2774	Ave		0.2836				8.8		20.0			
Propionitrile	++++ 10.897	11.044 11.205	10.718 11.805	13.311	10.867	Ave		11.407				8.0		20.0			
Chlorobromomethane	++++ 0.1681	0.2026 0.1523	0.1640 0.1533	0.1930	0.1568	Ave		0.1700				11.8		20.0			
Tetrahydrofuran	++++ 0.3133	0.3313 0.2819	0.3798 0.2966	0.3964	0.3168	Ave		0.3309				12.8		20.0			
Methacrylonitrile	++++ 0.1368	0.1366 0.1198	0.1220 0.1112	0.1571	0.1292	Ave		0.1304				11.5		20.0			
Chloroform	++++ 0.5425	0.6395 0.4634	0.5510 0.4529	0.6060	0.5095	Ave		0.5378			0.2000	12.9		20.0			
Cyclohexane	++++ 0.5115	0.5837 0.4647	0.4951 0.4606	0.5432	0.4772	Ave		0.5051			0.1000	8.9		20.0			
1,1,1-Trichloroethane	++++ 0.5011	0.4769 0.4420	0.4877 0.4513	0.5611	0.4648	Ave		0.4836			0.1000	8.2		20.0			
Carbon tetrachloride	++++ 0.4108	0.4646 0.3739	0.3939 0.3855	0.4359	0.3810	Ave		0.4065			0.1000	8.1		20.0			
1,1-Dichloropropene	++++ 0.4205	0.5004 0.3739	0.4170 0.3861	0.4515	0.3919	Ave		0.4202				10.4		20.0			
Isobutyl alcohol	++++ 5.8951	4.5406 6.1939	5.1082 6.3313	7.2353	5.8728	Ave		5.8825				14.8		20.0			
Isooctane	++++ 1.4217	1.1673 1.4028	1.0981 1.3233	1.4056	1.3297	Ave		1.3069				9.7		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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzene	++++ 1.7450	2.0505 1.4146	1.8005 1.3806	2.1200	1.7198	Ave		1.7473			0.5000	16.2		20.0			
Tert-amyl methyl ether	++++ 1.1351	1.0524 0.9639	0.9645 0.8939	1.3188	1.0780	Ave		1.0581				13.3		20.0			
Isopropyl acetate	++++ 0.1732	0.1914 0.1518	0.1854 0.1476	0.2030	0.1644	Ave		0.1738				11.9		20.0			
1,2-Dichloroethane	++++ 0.3825	0.4757 0.3366	0.4100 0.3304	0.4289	0.3663	Ave		0.3901			0.1000	13.4		20.0			
n-Heptane	++++ 0.0803	0.0859 0.0754	0.0744 0.0727	0.0857	0.0766	Ave		0.0787				6.8		20.0			
n-Butanol	++++ 2.2257	3.5504 2.4372	2.2626 2.6638	2.7477	2.1230	Ave		2.5729				19.0		20.0			
Trichloroethene	++++ 0.3049	0.3551 0.2834	0.2921 0.2977	0.3266	0.2749	Ave		0.3050			0.2000	9.0		20.0			
Methylcyclohexane	++++ 0.5980	0.6248 0.5792	0.5149 0.5717	0.6263	0.5500	Ave		0.5807			0.1000	6.9		20.0			
Ethyl acrylate	++++ 0.0474	0.0575 0.0454	0.0587 0.0446	0.0590	0.0452	Ave		0.0511				13.5		20.0			
1,2-Dichloropropane	++++ 0.3292	0.3386 0.2994	0.3057 0.3071	0.3614	0.2996	Ave		0.3201			0.1000	7.4		20.0			
Methyl methacrylate	++++ 0.0769	0.0706 0.0741	0.0698 0.0742	0.0830	0.0704	Ave		0.0742				6.3		20.0			
1,4-Dioxane	++++ 1.3035	1.2248 1.2735	1.2689 1.6787	1.5713	1.2619	Ave		1.3689				13.1		20.0			
Dibromomethane	++++ 0.1930	0.2570 0.1792	0.2021 0.1795	0.2200	0.1789	Ave		0.2014				14.3		20.0			
n-Propyl acetate	++++ 0.4628	0.6028 0.4192	0.4633 0.4122	0.5139	0.4117	Ave		0.4694				14.8		20.0			
Dichlorobromomethane	++++ 0.4145	0.4896 0.3912	0.3838 0.4073	0.4486	0.3787	Ave		0.4162			0.2000	9.6		20.0			
2-Nitropropane	++++ 0.0807	0.1780 0.0802	0.1083 0.0826	0.0934	0.0741	Qua	0.0624	0.0784	0.0000041						1.0000		0.9900
2-Chloroethyl vinyl ether	++++ 0.2011	0.1973 0.2051	0.1960 0.2127	0.2187	0.1826	Ave		0.2019				5.9		20.0			
Epichlorohydrin	0.2047 0.2587	0.2725 0.2533	0.2440 0.2701	0.2909	0.2427	Ave		0.2546				10.1		20.0			
cis-1,3-Dichloropropene	++++ 0.7252	0.8349 0.6394	0.7349 0.6334	0.8581	0.6904	Ave		0.7309			0.2000	12.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.4857	2.6689 2.3060	2.3935 2.3484	2.8069	2.3442	Ave		2.4791			0.0500	7.7		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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Toluene	++++ 1.7287	1.8263 1.4794	1.7941 1.4680	2.0020	1.6081	Ave		1.7009			0.4000	11.5		20.0			
trans-1,3-Dichloropropene	++++ 0.6407	0.7165 0.5856	0.6484 0.5946	0.7608	0.6016	Ave		0.6497			0.1000	10.2		20.0			
Ethyl methacrylate	++++ 0.5812	0.5544 0.5167	0.5769 0.5087	0.6523	0.5551	Ave		0.5636				8.5		20.0			
1,1,2-Trichloroethane	++++ 0.3281	0.4001 0.2949	0.3535 0.2938	0.3753	0.3129	Ave		0.3369			0.1000	12.1		20.0			
Tetrachloroethene	++++ 0.4028	0.4370 0.3497	0.4006 0.3577	0.4509	0.3663	Ave		0.3950			0.2000	9.9		20.0			
1,3-Dichloropropane	++++ 0.6348	0.6406 0.5646	0.3802 0.5648	0.7377	0.5945	Ave		0.6239				9.5		20.0			
2-Hexanone	++++ 1.5262	1.6969 1.4486	1.5217 1.5312	1.7334	1.4464	Ave		1.5578			0.0500	7.3		20.0			
n-Butyl acetate	++++ 0.6906	0.8647 0.5962	0.7957 0.5763	0.8846	0.6841	Ave		0.7275				17.0		20.0			
Chlorodibromomethane	++++ 0.4010	0.4311 0.3578	0.4055 0.3611	0.4765	0.3797	Ave		0.4018			0.1000	10.4		20.0			
Ethylene Dibromide	++++ 0.3720	0.4422 0.3326	0.3802 0.3400	0.4355	0.3486	Ave		0.3787			0.1000	11.7		20.0			
Chlorobenzene	++++ 1.0544	1.1679 0.9356	1.0599 0.9575	1.1736	0.9783	Ave		1.0468			0.5000	9.2		20.0			
Ethylbenzene	++++ 0.5860	0.6283 0.5063	0.6024 0.5163	0.6598	0.5507	Ave		0.5785			0.1000	9.9		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4423	0.4124 0.3755	0.4611 0.3722	0.5099	0.4100	Ave		0.4262				11.5		20.0			
m-Xylene & p-Xylene	++++ 0.7198	0.7454 0.6154	0.7239 0.6442	0.8457	0.6791	Ave		0.7105			0.1000	10.6		20.0			
o-Xylene	++++ 0.7680	0.7719 0.6722	0.7270 0.7164	0.8474	0.7092	Ave		0.7446			0.3000	7.7		20.0			
n-Butyl acrylate	++++ 0.3546	0.3715 0.2953	0.4028 0.2873	0.4388	0.3460	Ave		0.3566				15.3		20.0			
Styrene	++++ 1.2085	1.2359 1.0281	1.1870 1.0446	1.3448	1.1143	Ave		1.1662			0.3000	9.6		20.0			
Bromoform	++++ 0.2771	0.2620 0.2496	0.2587 0.2690	0.3255	0.2674	Ave		0.2727			0.1000	9.1		20.0			
Amyl acetate (mixed isomers)	++++ 1.7478	1.9794 1.5813	1.5679 1.5443	1.9949	1.5949	Ave		1.7158				11.5		20.0			
Isopropylbenzene	++++ 2.1003	2.2762 1.8010	2.0721 1.8353	2.3517	1.9514	Ave		2.0554			0.1000	10.2		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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	++++ 0.9178	0.8937 0.8987	0.8241 0.9513	0.9676	0.8088	Ave		0.8946				6.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.1352	0.9837 1.0798	1.0678 1.0718	1.2625	1.0058	Ave		1.0867			0.3000	8.5		20.0			
N-Propylbenzene	++++ 5.0408	4.7783 4.6285	4.4997 4.5697	5.3356	4.4487	Ave		4.7573				6.8		20.0			
1,2,3-Trichloropropane	++++ 0.2819	0.4630 0.2552	0.3217 0.2444	0.3382	0.2607	QuaF		0.2654	-0.000042						1.0000		0.9900
trans-1,4-Dichloro-2-butene	++++ 0.2878	0.2949 0.2688	0.2643 0.2654	0.3054	0.2531	Ave		0.2771				6.9		20.0			
2-Chlorotoluene	++++ 3.3171	3.0327 3.0487	3.0020 3.0832	3.6020	2.9790	Ave		3.1521				7.2		20.0			
4-Ethyltoluene	++++ 3.8913	3.8642 3.4922	3.6280 3.4962	4.2690	3.4830	Ave		3.7320				7.9		20.0			
1,3,5-Trimethylbenzene	++++ 3.4859	3.2302 3.2035	2.9902 3.2492	3.7261	3.0692	Ave		3.2792				7.7		20.0			
4-Chlorotoluene	++++ 3.1121	2.9546 2.7981	2.8494 2.8404	3.4919	2.8618	Ave		2.9869				8.2		20.0			
Butyl Methacrylate	++++ 1.2422	1.0873 1.1510	1.0853 1.2189	1.2613	1.0652	Ave		1.1588				7.1		20.0			
tert-Butylbenzene	++++ 2.8493	2.4061 2.7755	2.3725 2.9346	2.9967	2.4613	Ave		2.6852				9.9		20.0			
1,2,4-Trimethylbenzene	++++ 3.5805	3.2687 3.3047	3.2738 3.3634	3.8247	3.1995	Ave		3.4022				6.5		20.0			
sec-Butylbenzene	++++ 4.6936	4.3402 4.4994	3.9586 4.5493	4.9358	4.1402	Ave		4.4453				7.4		20.0			
1,3-Dichlorobenzene	++++ 1.7625	1.8633 1.6223	1.6909 1.7503	1.9771	1.5987	Ave		1.7521			0.6000	7.6		20.0			
4-Isopropyltoluene	++++ 3.8575	3.8059 3.5807	3.3904 3.5943	4.1375	3.4154	Ave		3.6831				7.2		20.0			
1,4-Dichlorobenzene	++++ 1.7275	1.7711 1.5830	1.6169 1.6732	1.9873	1.5526	Ave		1.7016			0.5000	8.7		20.0			
1,2,3-Trimethylbenzene	++++ 3.6848	3.5110 3.4164	3.3501 3.4587	4.0408	3.3090	Ave		3.5387				7.1		20.0			
Benzyl chloride	++++ 2.1761	2.1593 2.0371	2.0771 2.1226	2.4176	2.0021	Ave		2.1417				6.4		20.0			
Indan	++++ 3.3699	3.1929 3.1013	3.1201 3.1657	3.7243	3.0085	Ave		3.2404				7.4		20.0			
p-Diethylbenzene	++++ 2.0050	2.0127 1.8426	1.9279 1.9812	2.1949	1.7884	Ave		1.9647				6.7		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: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	++++ 2.1472	2.3065 1.9257	2.0569 1.9673	2.3831	1.9192	Ave		2.1008				8.9		20.0			
1,2-Dichlorobenzene	++++ 1.7096	1.7184 1.5445	1.6719 1.6004	1.9799	1.5627	Ave		1.6839			0.4000	8.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 4.0836	3.6865 3.9888	3.6415 4.1887	4.2719	3.4703	Ave		3.9045				7.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2428	0.2524 0.2377	0.2160 0.2471	0.2787	0.2191	Ave		0.2420			0.0500	8.8		20.0			
1,3,5-Trichlorobenzene	++++ 1.6799	1.6335 1.6201	1.5642 1.7227	1.7863	1.4802	Ave		1.6410				6.2		20.0			
1,2,4-Trichlorobenzene	++++ 1.6346	1.5662 1.5835	1.4798 1.6650	1.7374	1.4114	Ave		1.5826			0.2000	7.0		20.0			
Hexachlorobutadiene	++++ 0.7494	0.7013 0.7539	0.6563 0.7942	0.7503	0.6315	Ave		0.7195				8.2		20.0			
Naphthalene	++++ 3.7545	3.8749 3.5071	3.4028 3.4285	4.0581	3.2939	Ave		3.6171				7.8		20.0			
1,2,3-Trichlorobenzene	++++ 1.4964	1.4513 1.4048	1.3425 1.3982	1.5551	1.2882	Ave		1.4195				6.4		20.0			
Dibromofluoromethane (Surr)	0.2545 0.2559	0.2567 0.2433	0.2578 0.2320	0.2535	0.2581	Ave		0.2515				3.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2833 0.2829	0.2848 0.2875	0.2913 0.2899	0.2887	0.2893	Ave		0.2872				1.1		20.0			
Toluene-d8 (Surr)	1.3355 1.2861	1.3258 1.1964	1.3341 1.1332	1.3619	1.3126	Ave		1.2857				6.2		20.0			
4-Bromofluorobenzene	0.3900 0.3748	0.3984 0.3619	0.3868 0.3780	0.3861	0.3841	Ave		0.3825				2.9		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-739487/3	TT133019.D
Level 2	STD05 460-739487/4	TT133020.D
Level 3	STD1 460-739487/5	TT133021.D
Level 4	STD5 460-739487/6	TT133022.D
Level 5	STD20 460-739487/7	TT133023.D
Level 6	STD50 460-739487/8	TT133024.D
Level 7	STD200 460-739487/9	TT133025.D
Level 8	STD500 460-739487/10	TT133026.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 71363	711 275749	1331 691153	7713	27390	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 296223	2285 1084835	4570 2708086	28821	106279	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 251182	1833 990504	5059 2270973	30130	96204	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 295361	3067 1065043	5974 2583180	31970	110743	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	++++ 243773	1687 892874	5525 1986017	27922	92909	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 283057	3304 997439	6295 2296346	30443	107181	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 158529	2047 572996	4019 1164524	21494	63228	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	QuaF	++++ 126694	2136 464411	4224 923159	16382	51717	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 349627	3940 1246916	7250 2849787	37867	137302	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 266705	2713 981798	5416 2194399	29021	102916	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 57640	787 204766	1079 453018	7026	22891	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBA9	Ave	++++ 43851	306 144846	549 336631	3952	14551	++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++ 86178	1319 299153	1801 683361	11239	33942	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 151461	1976 523430	3101 1212125	17791	58827	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 135387	1492 447875	3376 1100952	17028	52465	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 229821	2551 785478	4873 1852399	29129	91743	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAAd9	Ave	++++ 39260	1180 72378	1927 121884	8745	16055	++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 150397	1614 518008	2899 1174959	18442	58572	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 147573	1909 494379	3110 1189148	18556	57747	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	++++ 222239	2978 828308	5553 2014076	29991	87738	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	++++ 266708	3016 882403	5591 2173445	33029	103910	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAAd9	Ave	++++ 116999	1576 388122	2026 901893	14120	45965	++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	++++ 640208	7437 2033093	13476 4917264	79786	252491	++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	++++ 97204	990 324548	1972 785093	12262	37779	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 236388	2901 784959	4878 1751388	30358	94812	++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	++++ 397175	4686 1319761	7693 3111495	47367	155127	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	++++ 140882	1970 466337	3295 1075112	18641	54612	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 179974	2186 599123	3840 1465771	22419	71206	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAAd9	Ave	++++ 158832	1903 544162	3779 1407856	20397	61947	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 399304	5145 1337947	7953 3000685	52218	161561	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 151095	1889 500050	3232 1220223	18635	59098	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3389 627929	6581 2116678	12300 4804747	80178	252593	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 212495	2496 743339	4250 1705646	26278	88054	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 540393	6323 1832436	11732 4249847	71437	216819	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 273574	3225 931621	5982 2234140	34635	109073	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 779	779	1441	7551	23992	++++ 1.00	1.00	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			61650	217640	511683			100	400	1000		
2-Chloro-1,3-butadiene	FB	Ave	++++ 127028	1486 434377	2664 1041913	16567	51167	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 461470	5495 1584953	9894 3639220	61621	186909	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	QuaF	++++ 53375	1008 186531	1323 468699	6708	20603	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 161079	2052 557280	3607 1380124	20474	63716	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 83296	1299 298420	2049 686204	11690	33479	++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	++++ 31496	255 111978	840 261849	4751	13042	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 133349	1428 453759	2930 1045735	17082	52887	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	++++ 233911	2369 820264	4669 1950487	29960	92991	++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	++++ 75097	1019 263375	1660 646285	10120	29891	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	++++ 38200	422 131185	970 313355	5605	16013	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	++++ 611107	6871 2070977	12344 4689923	82386	246296	++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	++++ 242402	3217 801196	5576 1909477	31781	97146	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 228542	2936 803452	5010 1942147	28492	90989	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 223929	2399 764205	4936 1902741	29431	88627	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 183568	2337 646547	3986 1625216	22861	72643	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 187916	2517 646524	4220 1627643	23682	74725	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	++++ 316346	2435 1133548	5563 2615294	40712	125630	++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	++++ 635286	5872 2425456	11113 5579317	73720	253537	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd 5	Ave	++++ 555643	6668 1899762	11735 4656252	71839	223423	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	++++ 507205	5294 1666567	9761 3768615	69170	205556	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	++++ 77391	963 262449	1876 622393	10649	31356	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 170927	2393 581912	4149 1393170	22494	69846	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 35865	432 130391	753 306568	4495	14611	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	++++ 119435	1904 446027	2464 1100339	15461	45415	++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	++++ 136246	1786 490002	2956 1254950	17131	52423	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++ 267227	3143 1001408	5211 2410361	32849	104865	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	++++ 21191	289 78447	594 188041	3096	8615	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 147081	1703 517650	3094 1294639	18953	57122	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 68760	710 256265	1412 626027	8711	26862	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 35275	772 122261	1692 303834	4095	13005	++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	++++ 86257	1293 309913	2045 756615	11539	34109	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 206808	3032 724853	4689 1737845	26952	78509	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	++++ 185194	2463 676461	3884 1717065	23530	72202	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Qua	++++ 72160	1791 277241	2192 696531	9796	28271	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 90080	995 355526	1988 899086	11500	34901	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1297 315377	3471 1178983	6232 2853725	41141	122699	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd 5	Ave	++++ 230931	2715 858761	4790 2136143	29077	89692	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 757715	8498 2683110	15284 6203181	99226	296233	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd 5	Ave	++++ 550455	5939 1986828	11693 4950993	67839	208913	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	++++	2330	4226	25780	78151	++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			204013	786399	2005246			50.0	200	500		
Ethyl methacrylate	CBNZd 5	Ave	+++++	1803	3760	22103	72110	+++++	0.500	1.00	5.00	20.0
			185080	693913	1715485			50.0	200	500		
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++	1301	2304	12716	40646	+++++	0.500	1.00	5.00	20.0
			104477	396102	990899			50.0	200	500		
Tetrachloroethene	CBNZd 5	Ave	+++++	1421	2611	15279	47582	+++++	0.500	1.00	5.00	20.0
			128248	469696	1206235			50.0	200	500		
1,3-Dichloropropane	CBNZd 5	Ave	+++++	2083	4111	24999	77233	+++++	0.500	1.00	5.00	20.0
			202122	758215	1904682			50.0	200	500		
2-Hexanone	BUT	Ave	+++++	5403	9717	61277	182783	+++++	2.50	5.00	25.0	100
			465222	1685500	4044415			250	1000	2500		
n-Butyl acetate	CBNZd 5	Ave	+++++	2812	5186	29975	88877	+++++	0.500	1.00	5.00	20.0
			219896	800708	1943777			50.0	200	500		
Chlorodibromomethane	CBNZd 5	Ave	+++++	1402	2643	16147	49328	+++++	0.500	1.00	5.00	20.0
			127705	480460	1217888			50.0	200	500		
Ethylene Dibromide	CBNZd 5	Ave	+++++	1438	2478	14758	45284	+++++	0.500	1.00	5.00	20.0
			118445	446724	1146713			50.0	200	500		
Chlorobenzene	CBNZd 5	Ave	+++++	3798	6908	39769	127098	+++++	0.500	1.00	5.00	20.0
			335736	1256565	3229196			50.0	200	500		
Ethylbenzene	CBNZd 5	Ave	+++++	2043	3926	22358	71540	+++++	0.500	1.00	5.00	20.0
			186585	679923	1741382			50.0	200	500		
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	+++++	1341	3005	17280	53264	+++++	0.500	1.00	5.00	20.0
			140841	504297	1255134			50.0	200	500		
m-Xylene & p-Xylene	CBNZd 5	Ave	+++++	2424	4718	28659	88219	+++++	0.500	1.00	5.00	20.0
			229194	826518	2172473			50.0	200	500		
o-Xylene	CBNZd 5	Ave	+++++	2510	4738	28716	92129	+++++	0.500	1.00	5.00	20.0
			244553	902729	2416262			50.0	200	500		
n-Butyl acrylate	CBNZd 5	Ave	+++++	1208	2625	14871	44945	+++++	0.500	1.00	5.00	20.0
			112902	396558	968785			50.0	200	500		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZd 5	Ave	++++ 384827	4019 1380689	7736 3523068	45572	144764	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd 5	Ave	++++ 88234	852 335155	1686 907120	11029	34734	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	++++ 272239	3497 945447	5445 2392373	35523	108047	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd 5	Ave	++++ 668784	7402 2418708	13505 6189784	79690	253516	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	++++ 142947	1579 537345	2862 1473680	17230	54794	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	++++ 176815	1738 645589	3708 1660389	22482	68140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	++++ 785140	8442 2767402	15626 7079287	95013	301376	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	QuaF	++++ 43909	818 152594	1117 378643	6022	17662	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	++++ 44833	521 160729	918 411098	5438	17147	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	++++ 516669	5358 1822841	10425 4776466	64142	201813	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	++++ 606092	6827 2087978	12599 5416178	76020	235951	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 542947	5707 1915386	10384 5033502	66351	207923	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	++++ 484729	5220 1673005	9895 4400271	62182	193874	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	++++ 193489	1921 688184	3769 1888279	22461	72159	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	++++ 443798	4251 1659501	8239 4546222	53364	166736	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	++++ 557685	5775 1975895	11369 5210506	68108	216747	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	++++ 731061	7668 2690226	13747 7047634	87894	280478	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	++++ 274520	3292 969966	5872 2711462	35206	108300	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	++++ 600831	6724 2140898	11774 5568152	73678	231374	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	++++ 3129	3129	5615	35388	105177	++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1 Analy Batch No.: 739487

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/13/2020 00:55 Calibration End Date: 11/13/2020 03:44 Calibration ID: 82790

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			269067	946472	2592057			50.0	200	500		
1,2,3-Trimethylbenzene	DCBd4	Ave	++++ 573939	6203 2042703	11634 5358043	71955	224169	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	++++ 338939	3815 1217977	7213 3288272	43051	135629	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	++++ 524886	5641 1854272	10835 4904230	66319	203809	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	++++ 312299	3556 1101717	6695 3069268	39086	121153	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	++++ 334448	4075 1151409	7143 3047668	42436	130014	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	++++ 266277	3036 923483	5806 2479235	35257	105866	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	++++ 636056	6513 2384908	12646 6489002	76071	235093	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	++++ 37820	446 142129	750 382858	4963	14840	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	++++ 261652	2886 968694	5432 2668826	31809	100274	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	++++ 254598	2767 946773	5139 2579360	30939	95613	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	++++ 116724	1239 450734	2279 1230293	13361	42783	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	++++ 584788	6846 2096909	11817 5311326	72264	223140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	++++ 233071	2564 839953	4662 2166067	27692	87270	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	128879 114333	129121 105186	130428 97796	132943	123012	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	143461 126397	143255 124281	147393 122246	151398	137930	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNzd 5	Ave	431814 409519	431148 401688	434755 382173	461483	426304	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNzd 5	Ave	126093 119362	129548 121491	126048 127495	130825	124752	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 13-Nov-2020 00:55:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0120015-003
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:52:38 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 01:47:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.501	1.501	0.000	81	1687	0.2500	0.3101	M
* 31 TBA-d9 (IS)	66	2.641	2.647	-0.006	100	43085	1000.0	1000.0	
35 Acrylonitrile	53	2.872	2.878	-0.006	95	3389	2.00	2.47	
* 42 2-Butanone-d5	46	3.592	3.598	-0.006	100	316775	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.001	97	128879	50.0	50.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.348	-0.006	94	143461	50.0	49.3	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	506435	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.268	-0.006	91	25258	1000.0	1000.0	M
80 Epichlorohydrin	57	5.896	5.902	-0.006	93	1297	5.00	4.02	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.183	-0.006	99	431814	50.0	51.9	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	88	323326	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	126093	50.0	51.0	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	174242	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00115	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00128	Amount Added: 0.00	Units: uL	
524freon_00029	Amount Added: 0.00	Units: uL	
GASES Li_00394	Amount Added: 2.50	Units: uL	
14DIOXINTER_00121	Amount Added: 0.00	Units: uL	
GAS Hi_00375	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00079	Amount Added: 20.00	Units: uL	
Ethanol mix_00046	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00104	Amount Added: 0.00	Units: uL	
MIX I Hi_00131	Amount Added: 0.00	Units: uL	
8FreonHi_00025	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

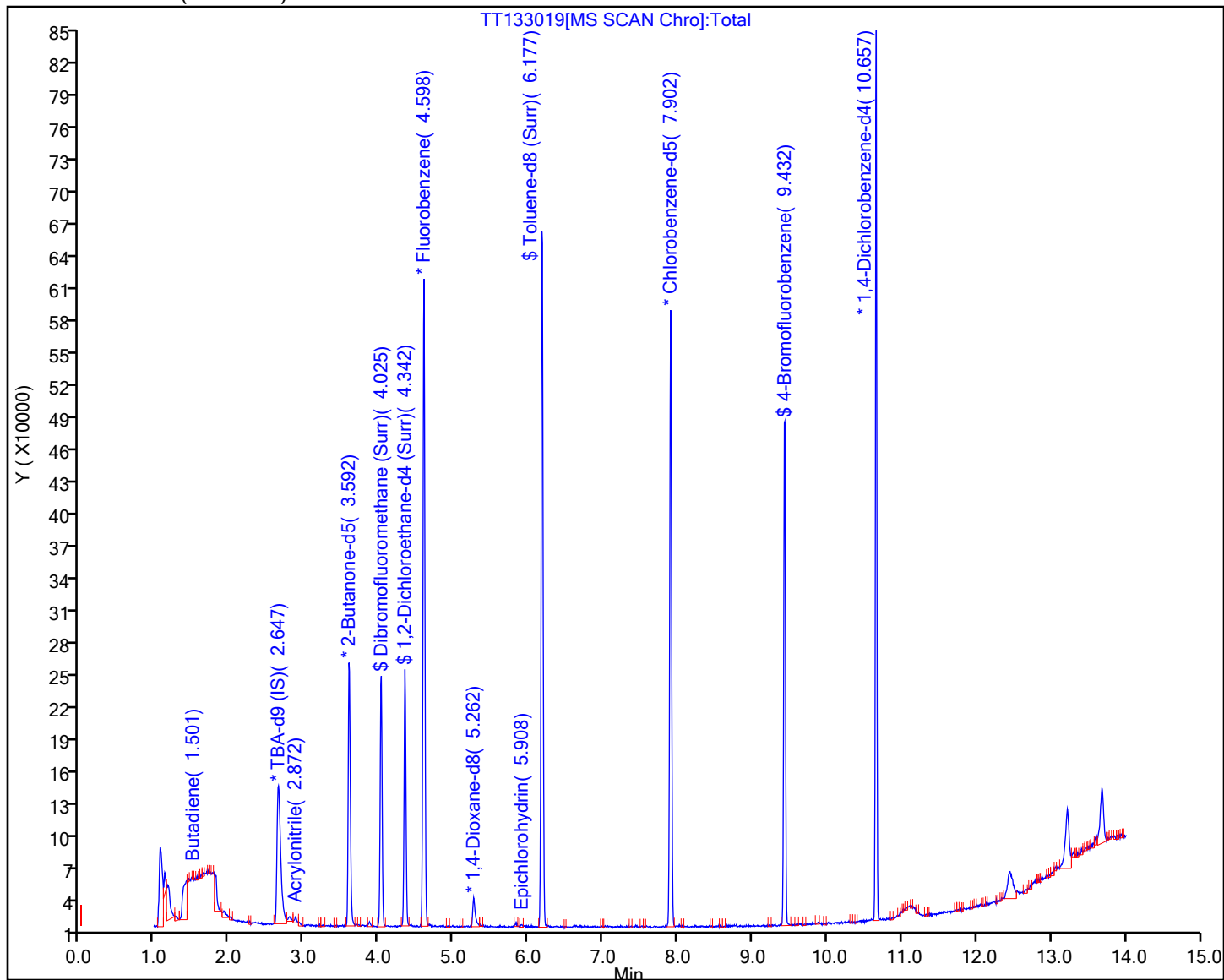
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

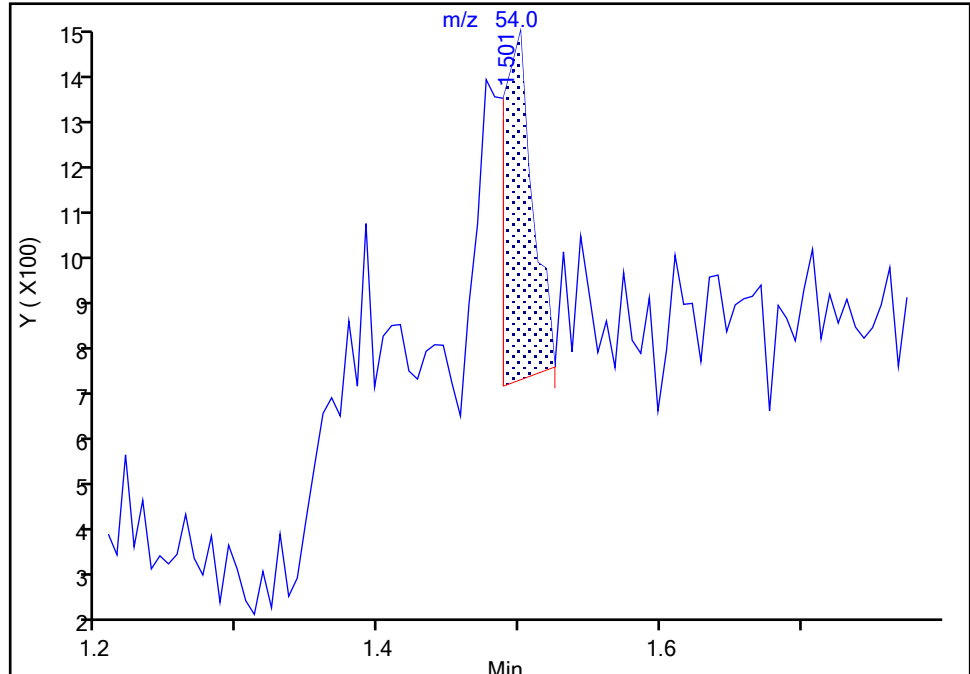
Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

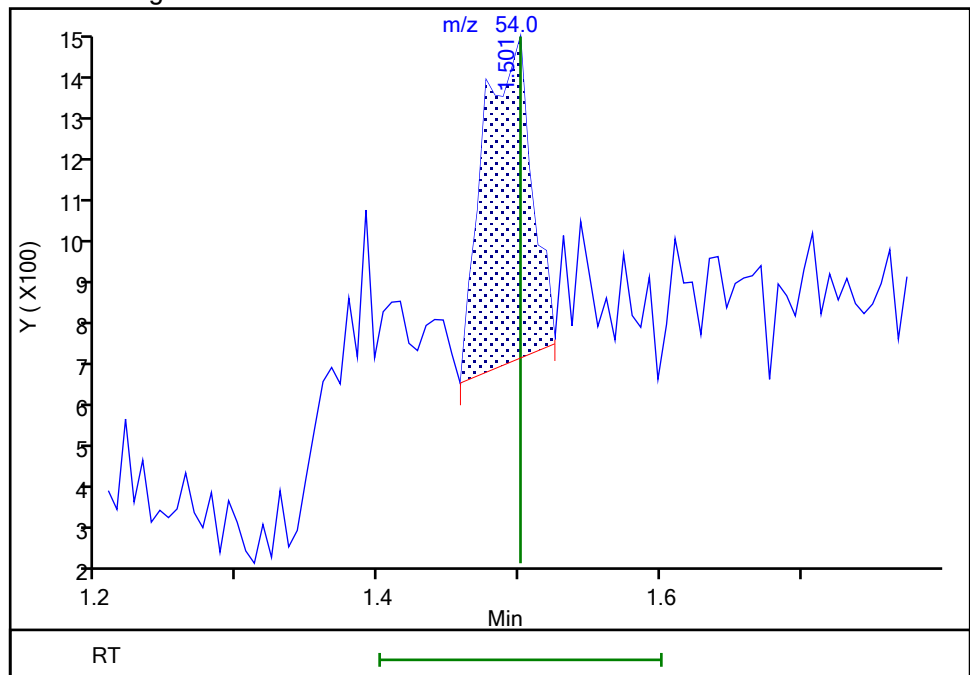
RT: 1.50
Area: 989
Amount: 0.194270
Amount Units: ug/l

Processing Integration Results



RT: 1.50
Area: 1687
Amount: 0.310119
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 06:44:08

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

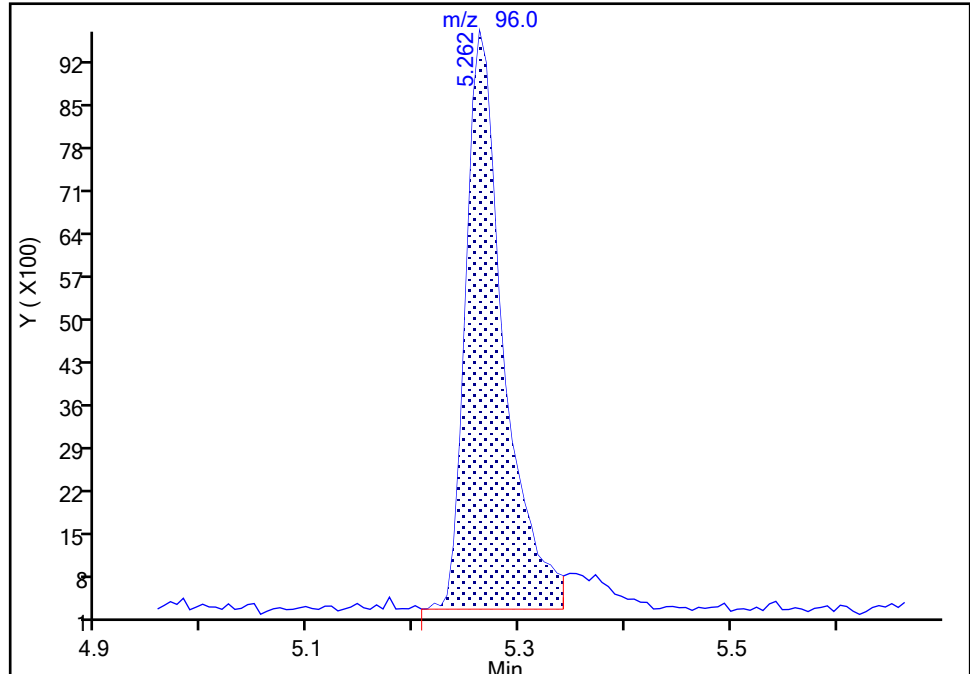
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

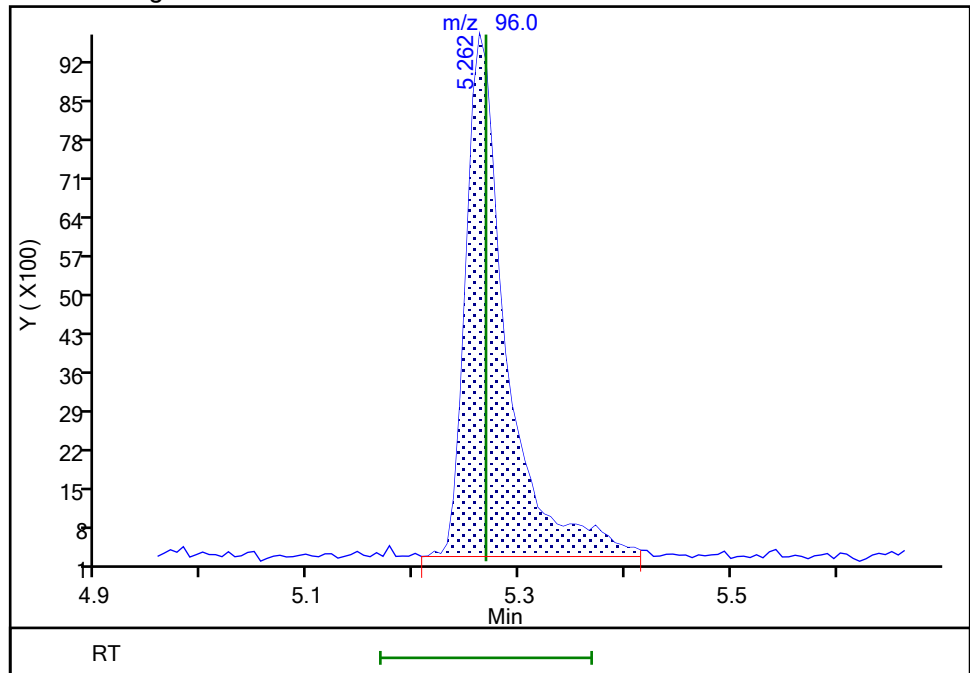
RT: 5.26
Area: 23624
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 25258
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:19:45

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

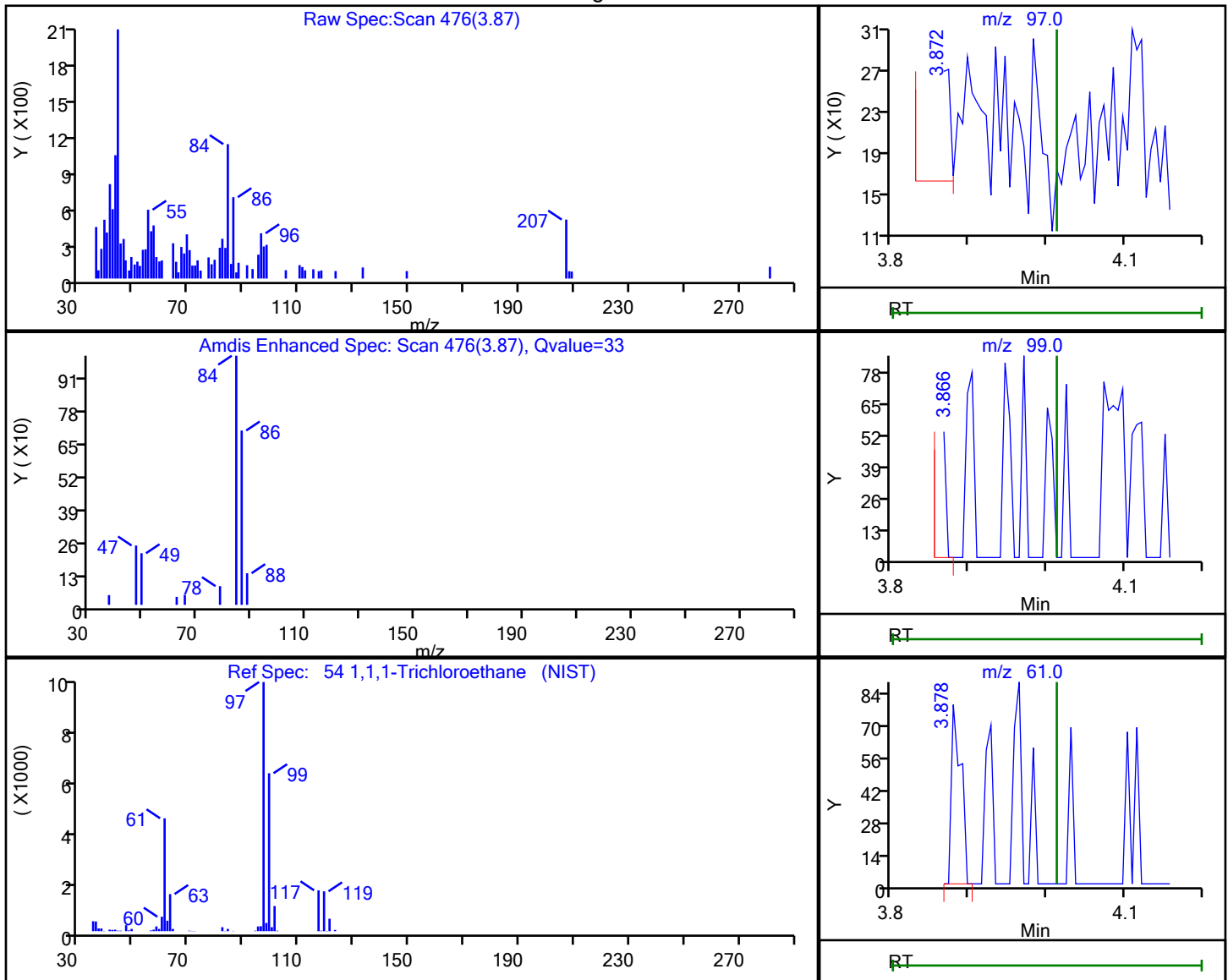
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

54 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.87	97.00	138	0.028175
3.87	99.00	38	
3.88	61.00	67	

Reviewer: desais, 13-Nov-2020 04:55:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

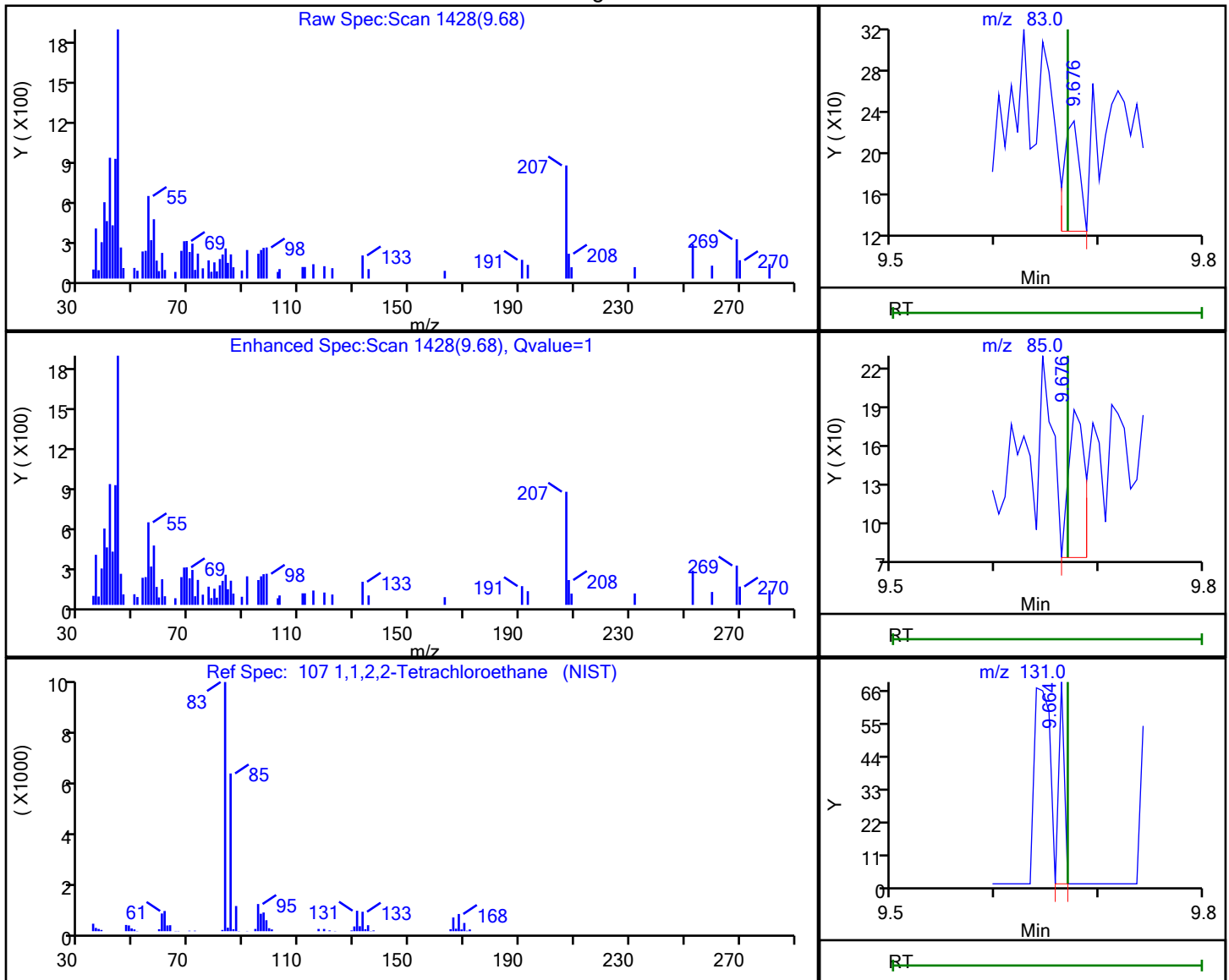
Column: DB-624 (0.18 mm)

Detector

MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.68	83.00	110	0.029048
9.68	85.00	121	
9.66	131.00	25	

Reviewer: desais, 13-Nov-2020 04:55:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

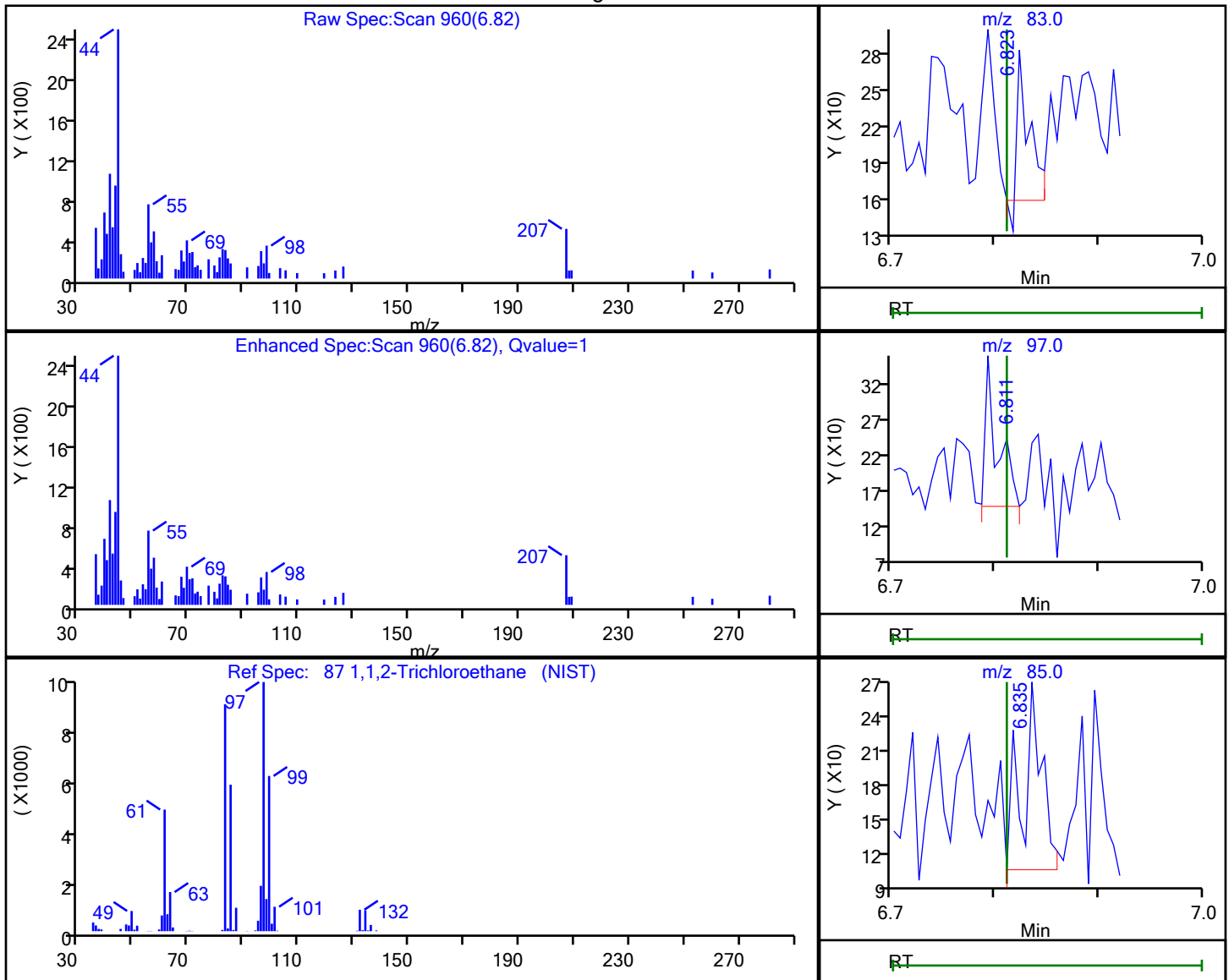
Column: DB-624 (0.18 mm)

Detector

MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.82	83.00	90	0.041307
6.81	97.00	170	
6.83	85.00	205	

Reviewer: desais, 13-Nov-2020 04:55:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

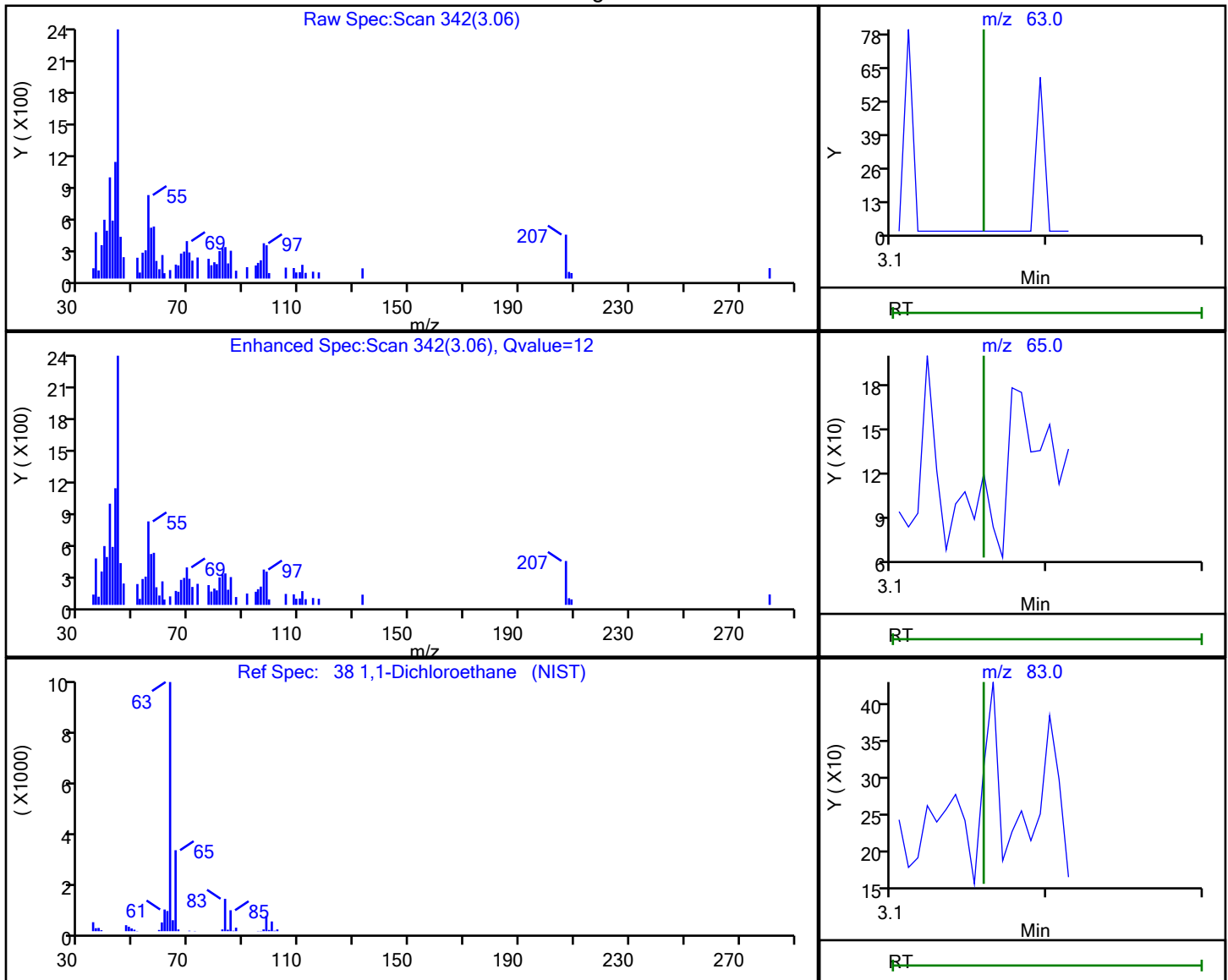
Column: DB-624 (0.18 mm)

Detector

MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.06	63.00	53	0.008836
3.06	65.00	169	
3.06	83.00	161	

Reviewer: desais, 13-Nov-2020 04:55:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

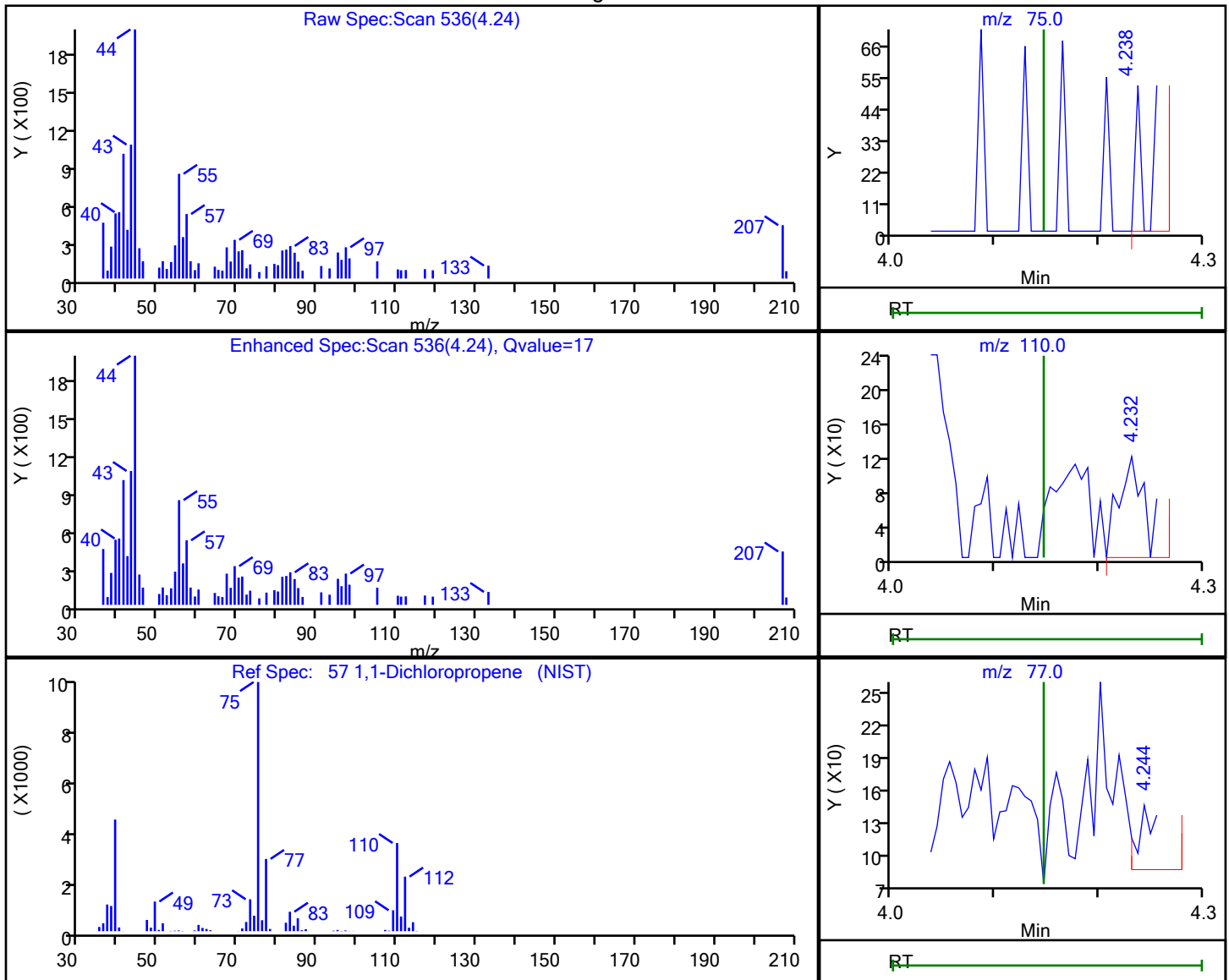
Column: DB-624 (0.18 mm)

Detector

MS Quad

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.24	75.00	38	0.008929
4.23	110.00	233	
4.24	77.00	132	

Reviewer: desais, 13-Nov-2020 04:55:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

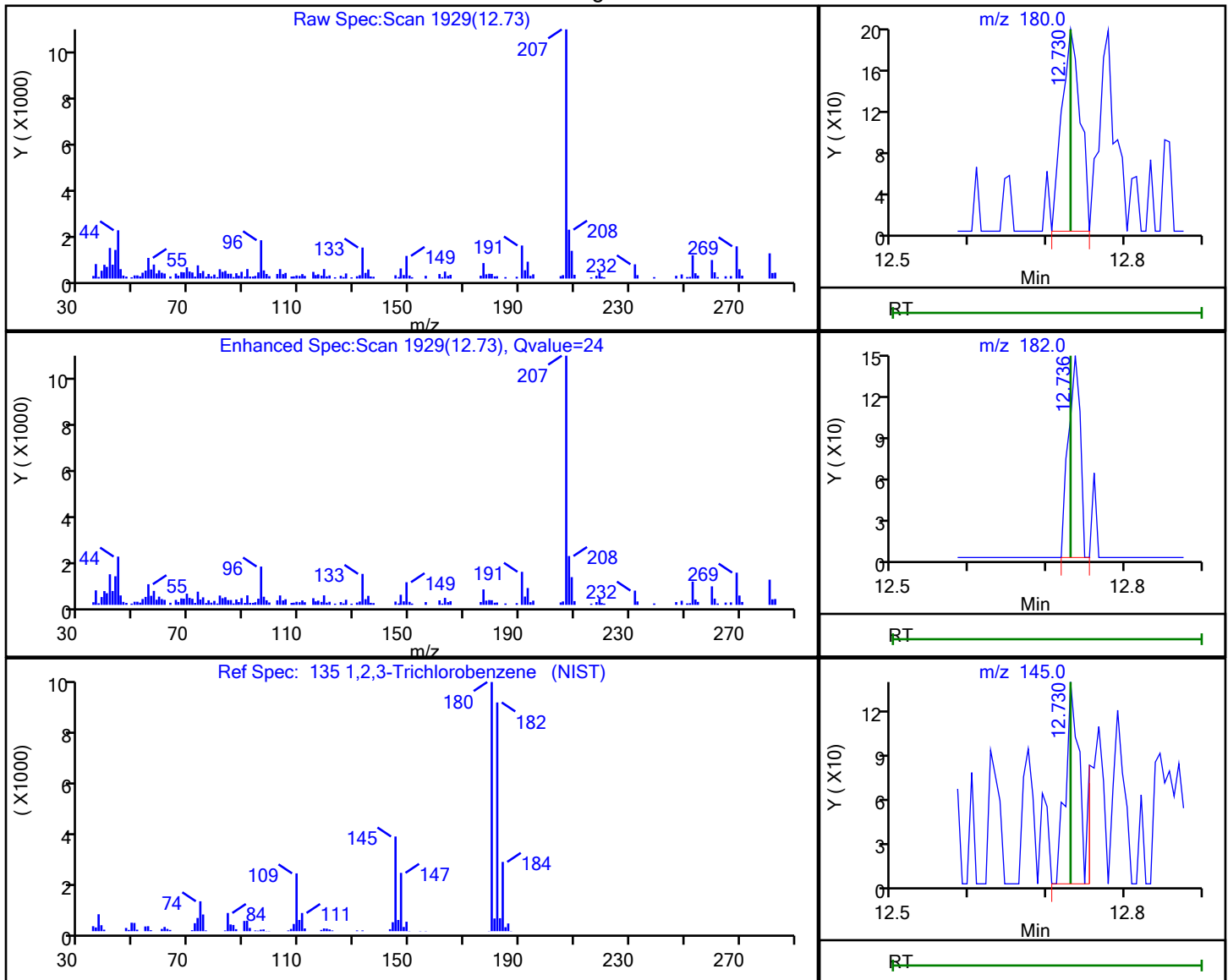
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.73	180.00	318	0.064285
12.74	182.00	150	
12.73	145.00	187	

Reviewer: desais, 13-Nov-2020 04:56:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

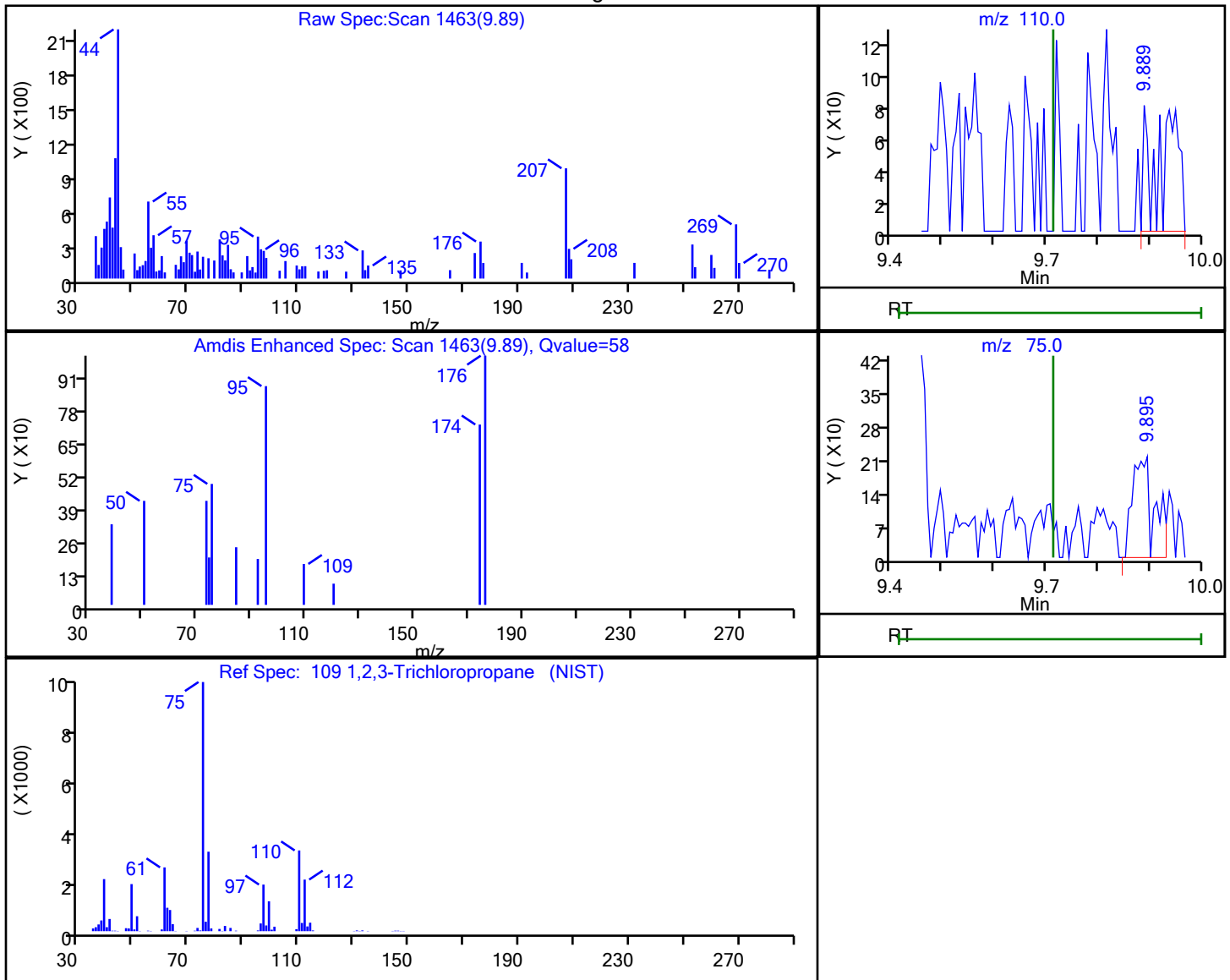
Column: DB-624 (0.18 mm)

Detector

MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.89	110.00	243	0.262736
9.90	75.00	625	

Reviewer: desais, 13-Nov-2020 04:55:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

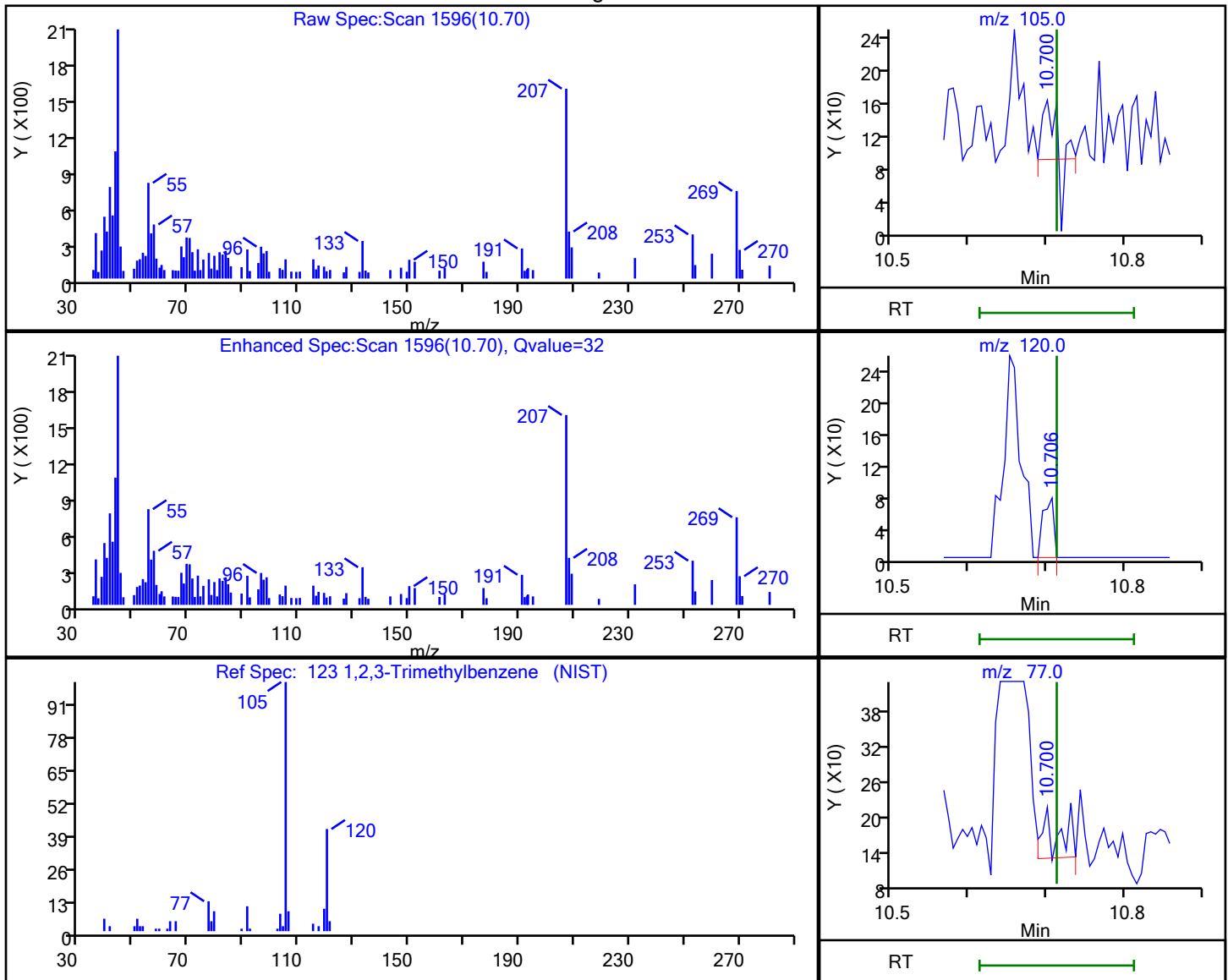
Column: DB-624 (0.18 mm)

Detector

MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.70	105.00	67	0.005433
10.71	120.00	71	
10.70	77.00	128	

Reviewer: desais, 13-Nov-2020 04:55:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

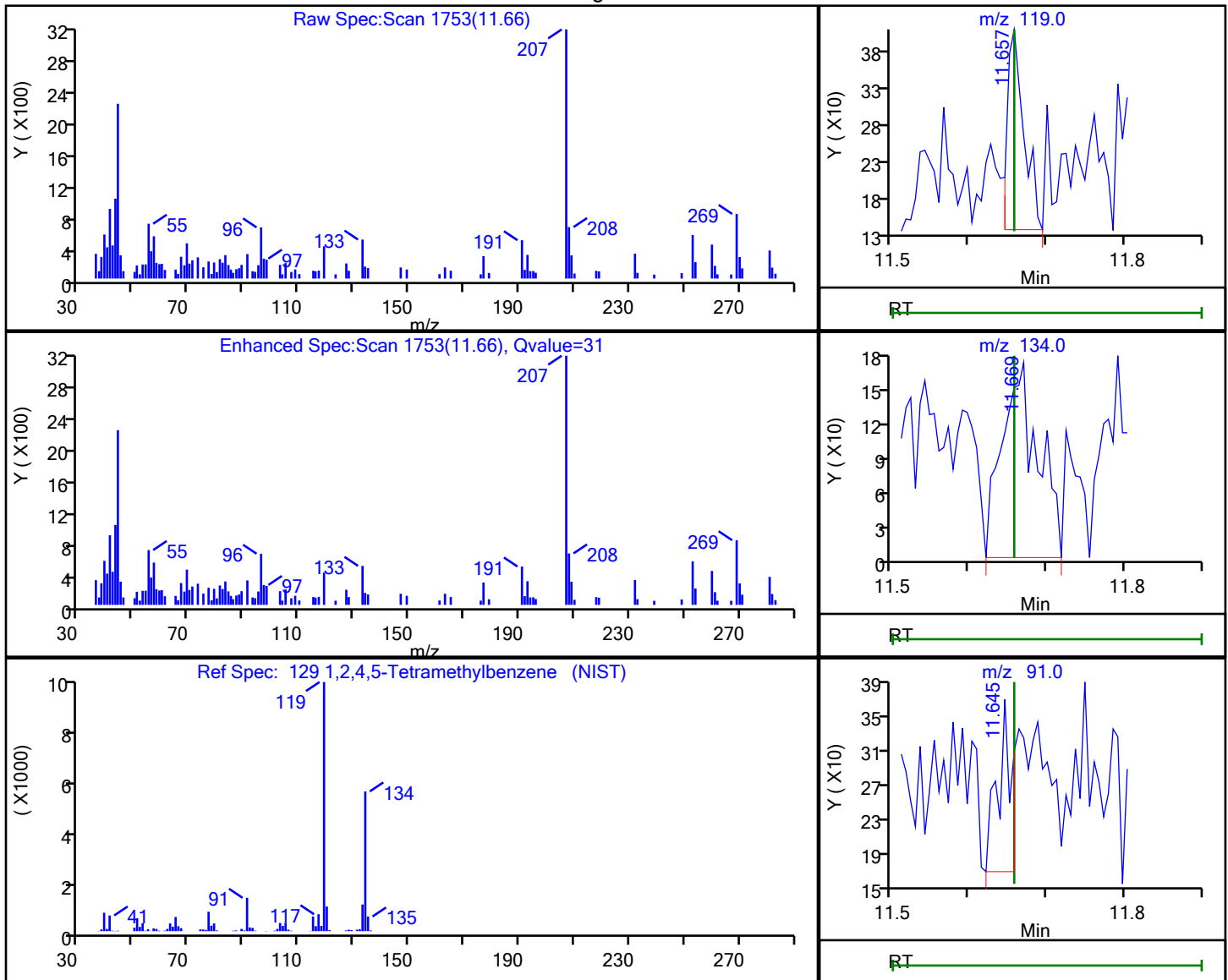
Column: DB-624 (0.18 mm)

Detector

MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.66	119.00	394	0.028957
11.67	134.00	557	
11.65	91.00	246	

Reviewer: desais, 13-Nov-2020 04:55:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

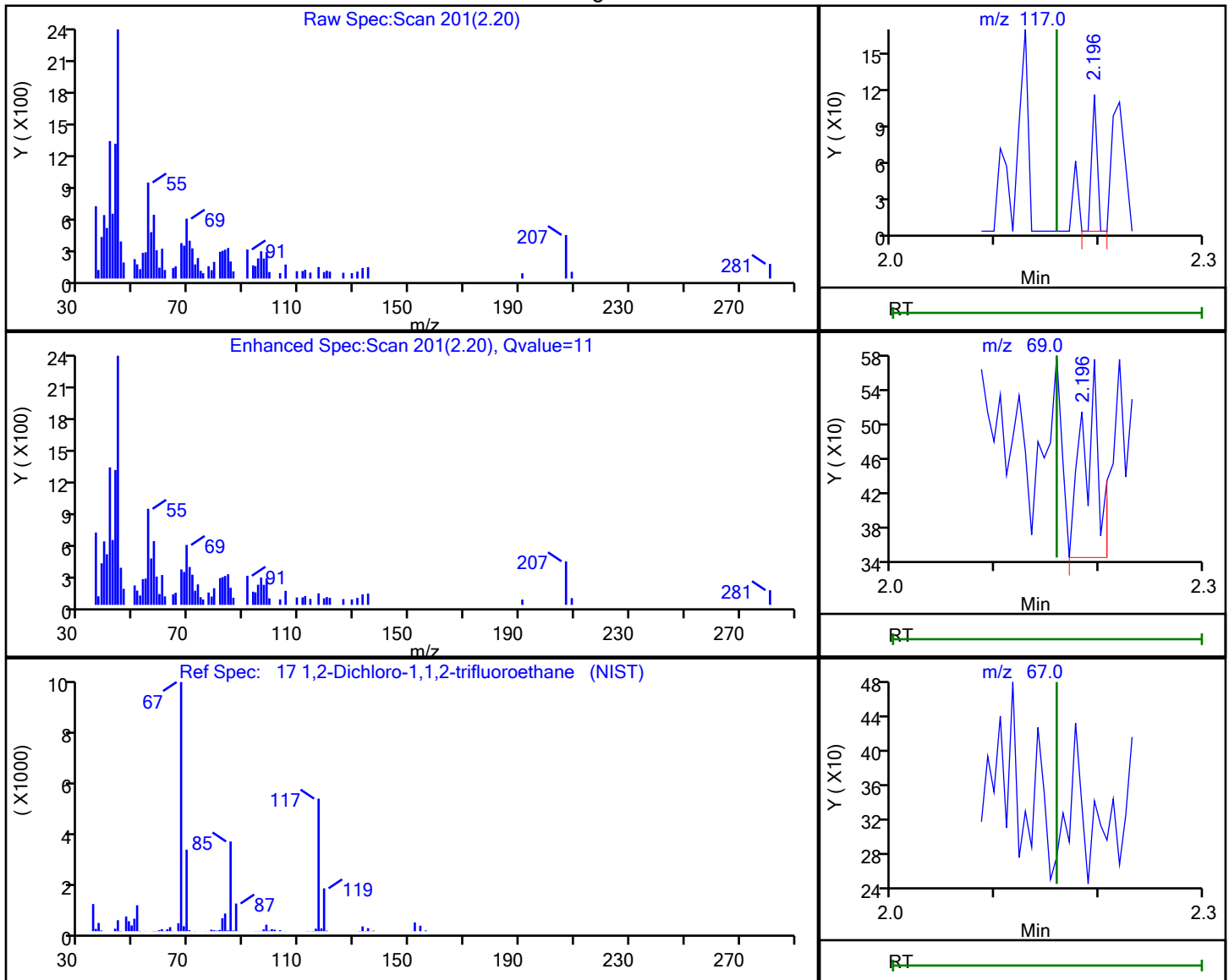
Column: DB-624 (0.18 mm)

Detector

MS Quad

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.20	117.00	40	0.013464
2.20	69.00	235	
2.16	67.00	0	
2.18	119.00	78	

Reviewer: desais, 13-Nov-2020 04:53:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

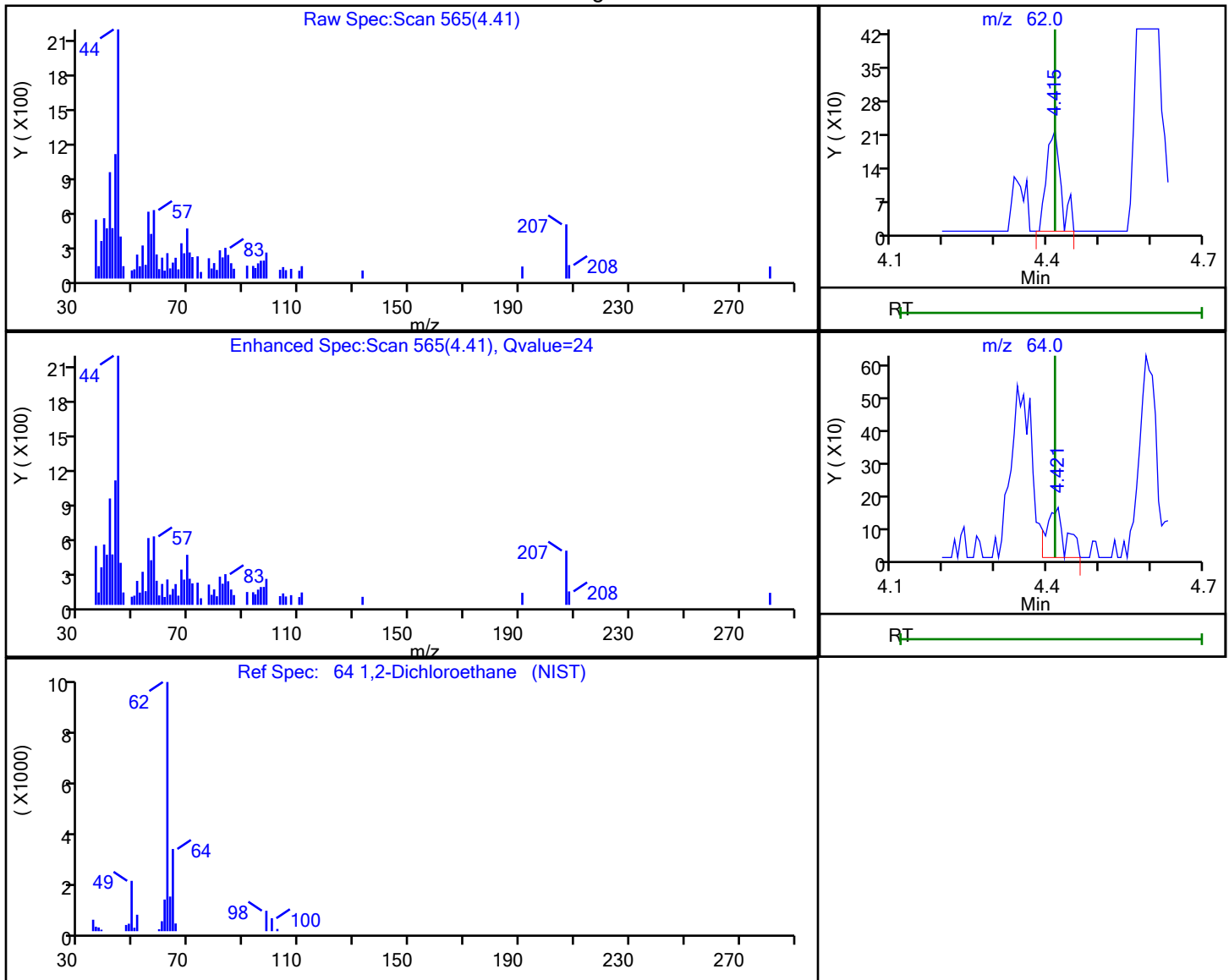
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.41	62.00	416	0.105296
4.42	64.00	390	

Reviewer: desais, 13-Nov-2020 04:55:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

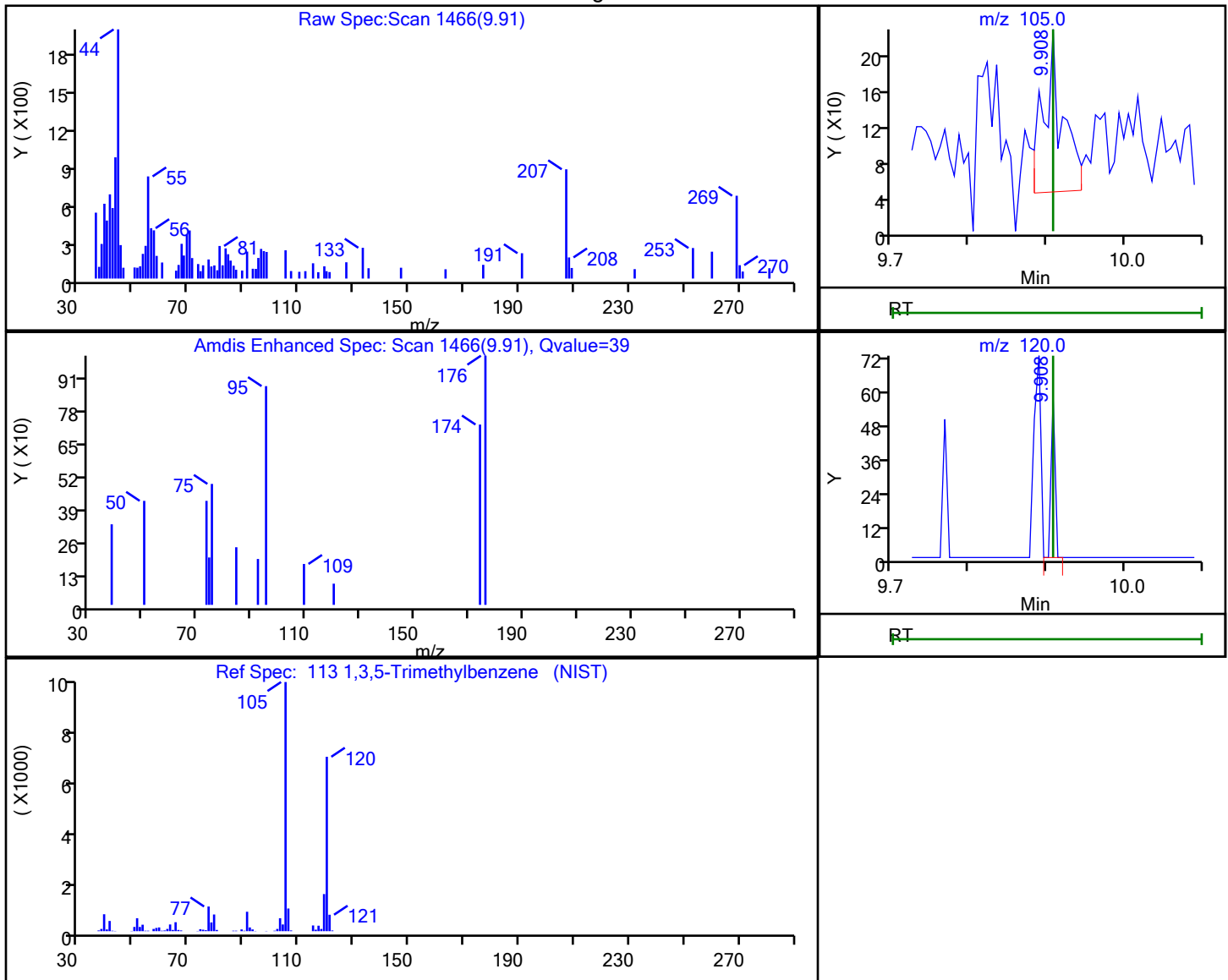
Column: DB-624 (0.18 mm)

Detector

MS Quad

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.91	105.00	302	0.026428
9.91	120.00	21	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

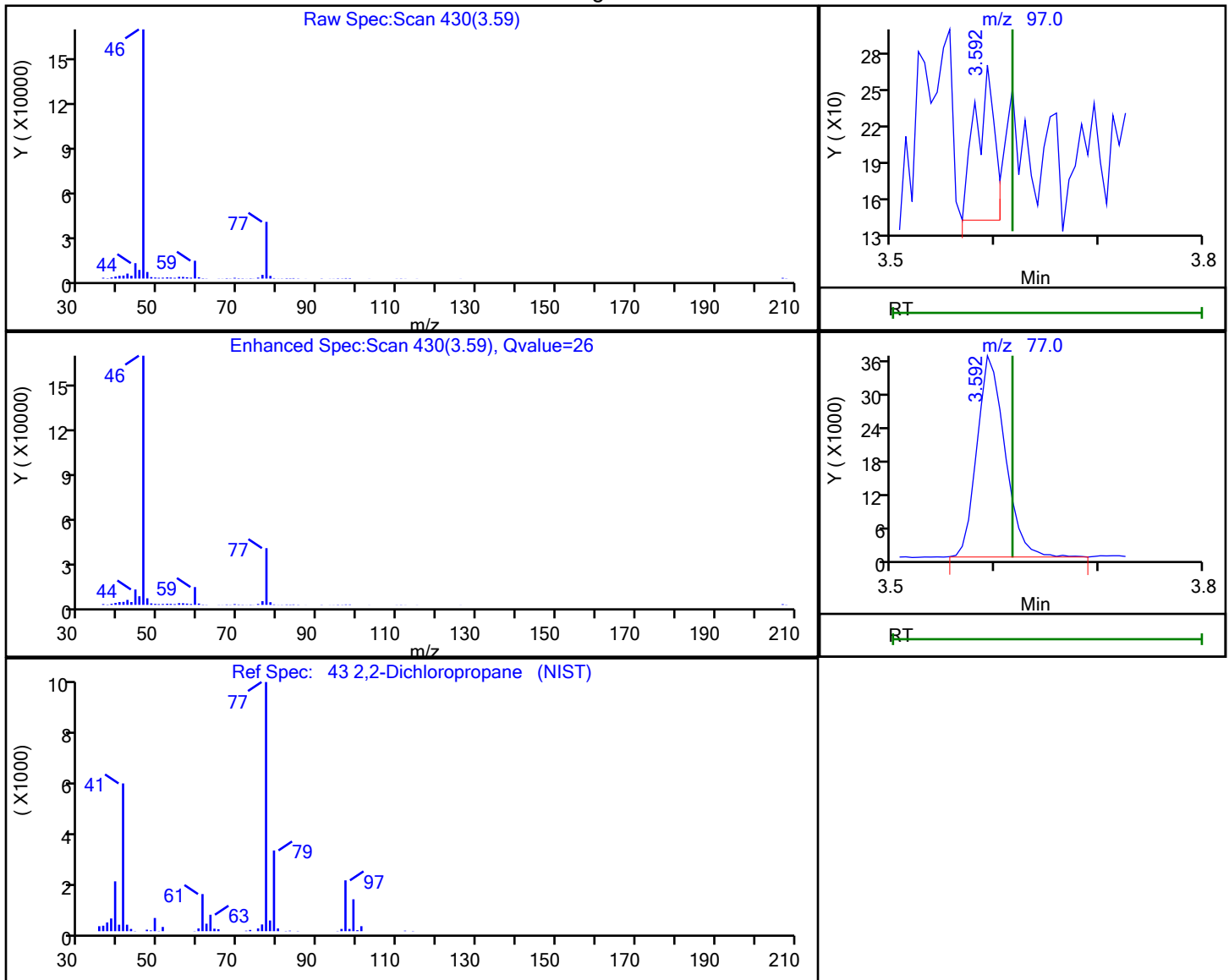
Column: DB-624 (0.18 mm)

Detector

MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.59	97.00	163	0.149592
3.59	77.00	69374	

Reviewer: desais, 13-Nov-2020 04:55:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

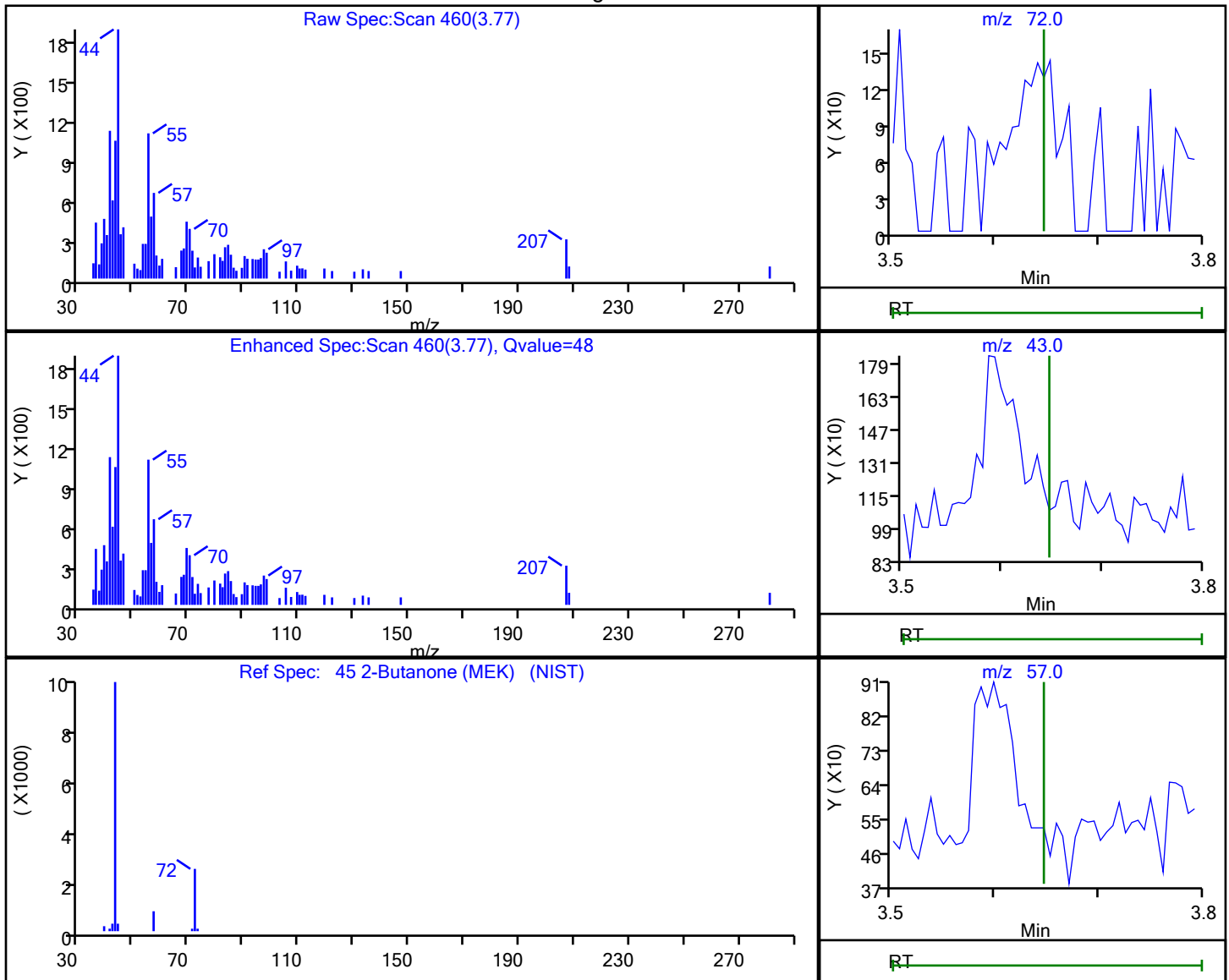
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.77	72.00	129	0.337113
3.78	43.00	688	
3.77	57.00	462	

Reviewer: desais, 13-Nov-2020 04:55:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

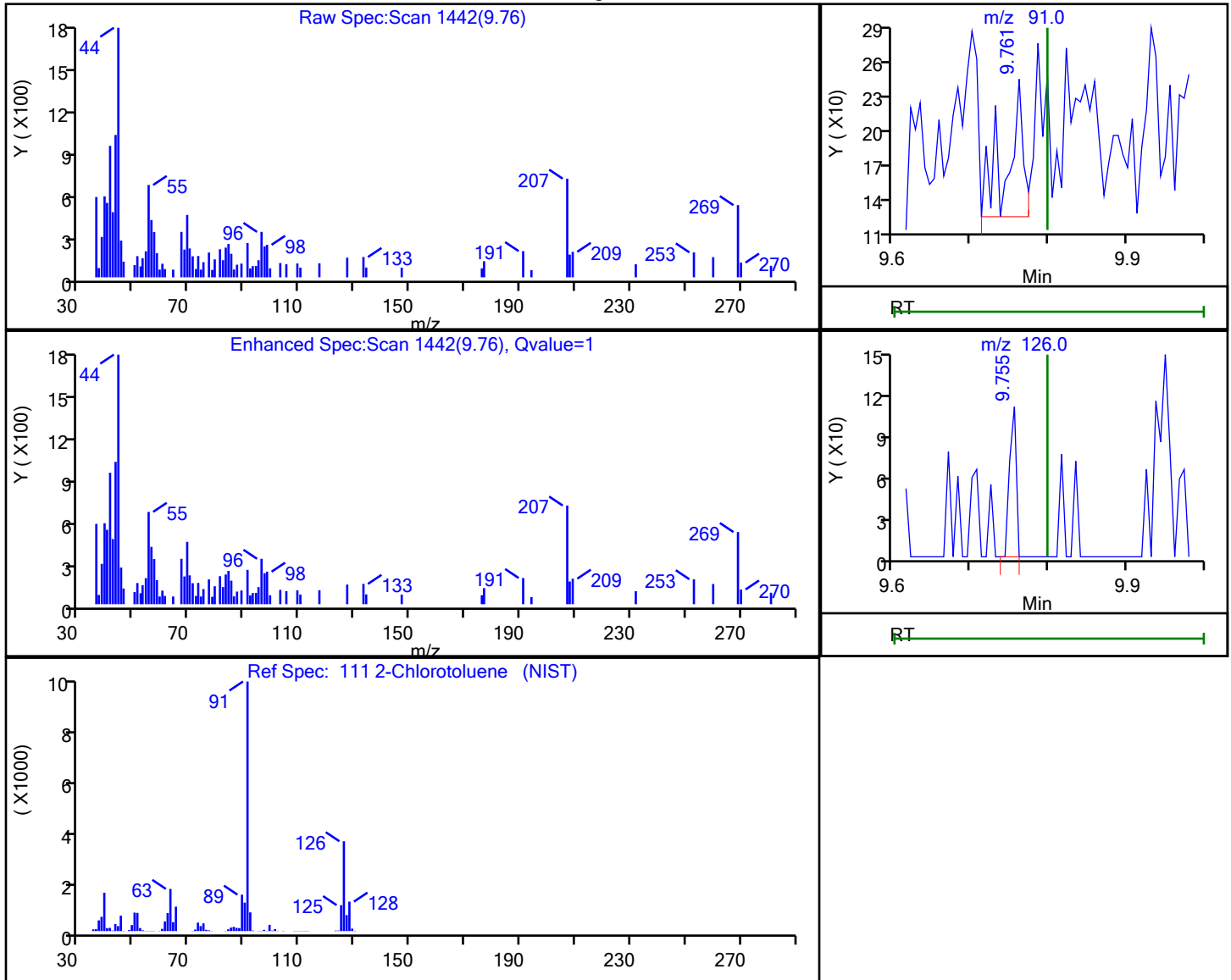
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.76	91.00	166	0.015112
9.76	126.00	66	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

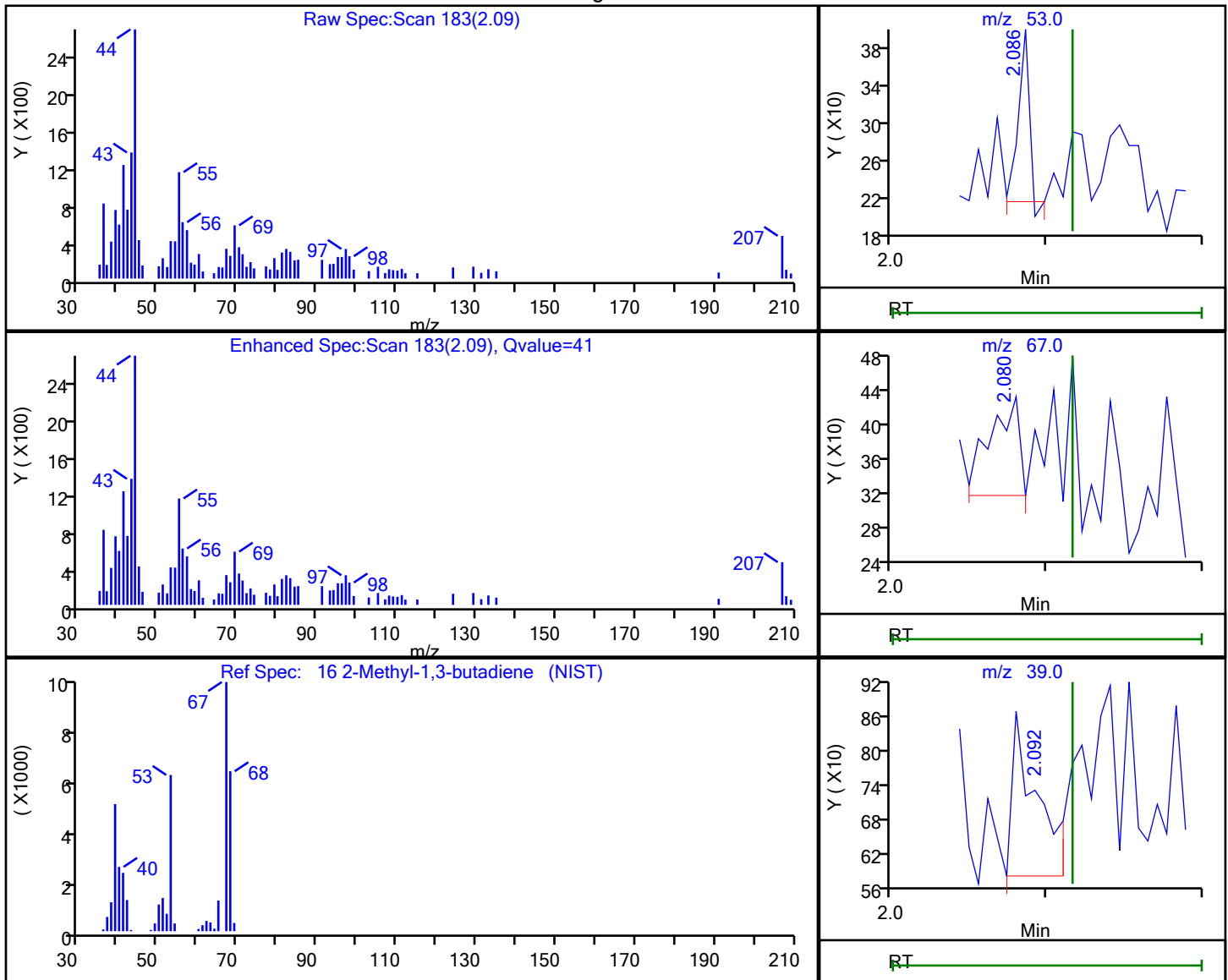
Column: DB-624 (0.18 mm)

Detector

MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.09	53.00	81	0.024594
2.08	67.00	150	
2.09	39.00	324	

Reviewer: desais, 13-Nov-2020 04:53:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

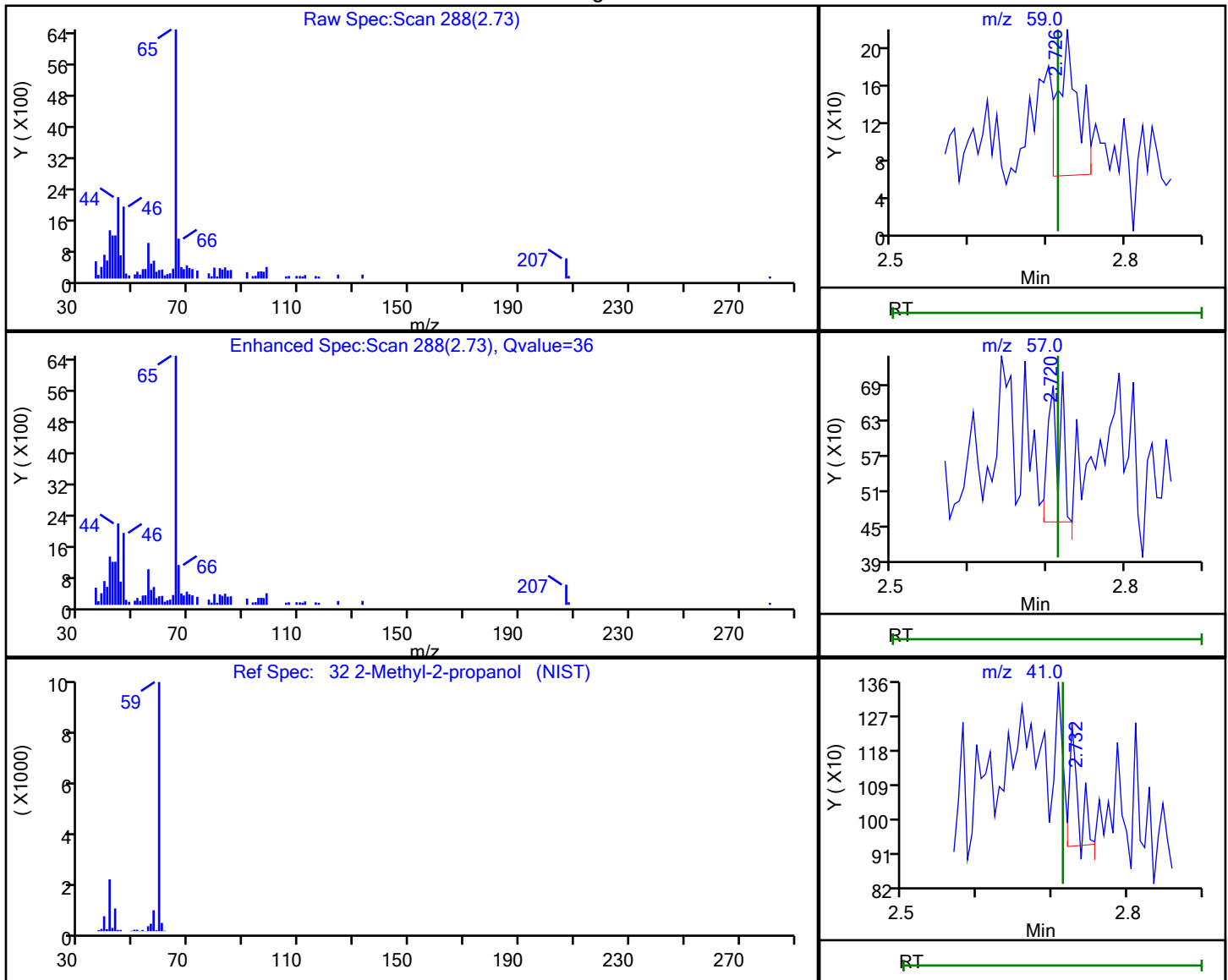
Column: DB-624 (0.18 mm)

Detector

MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.73	59.00	282	0.778498
2.72	57.00	271	
2.73	41.00	252	

Reviewer: desais, 13-Nov-2020 04:55:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

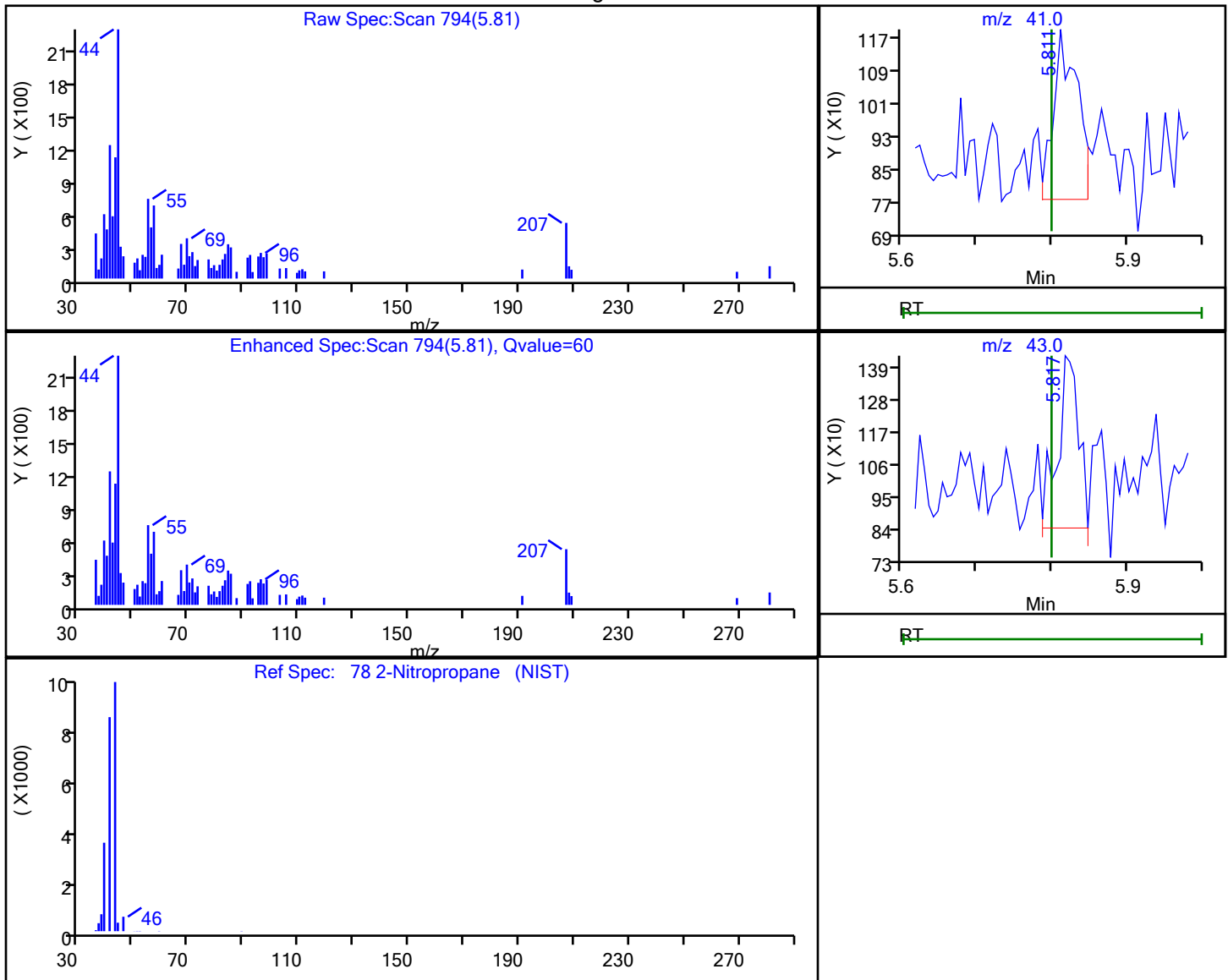
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.81	41.00	936	1.173933
5.82	43.00	1147	

Reviewer: desais, 13-Nov-2020 04:55:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

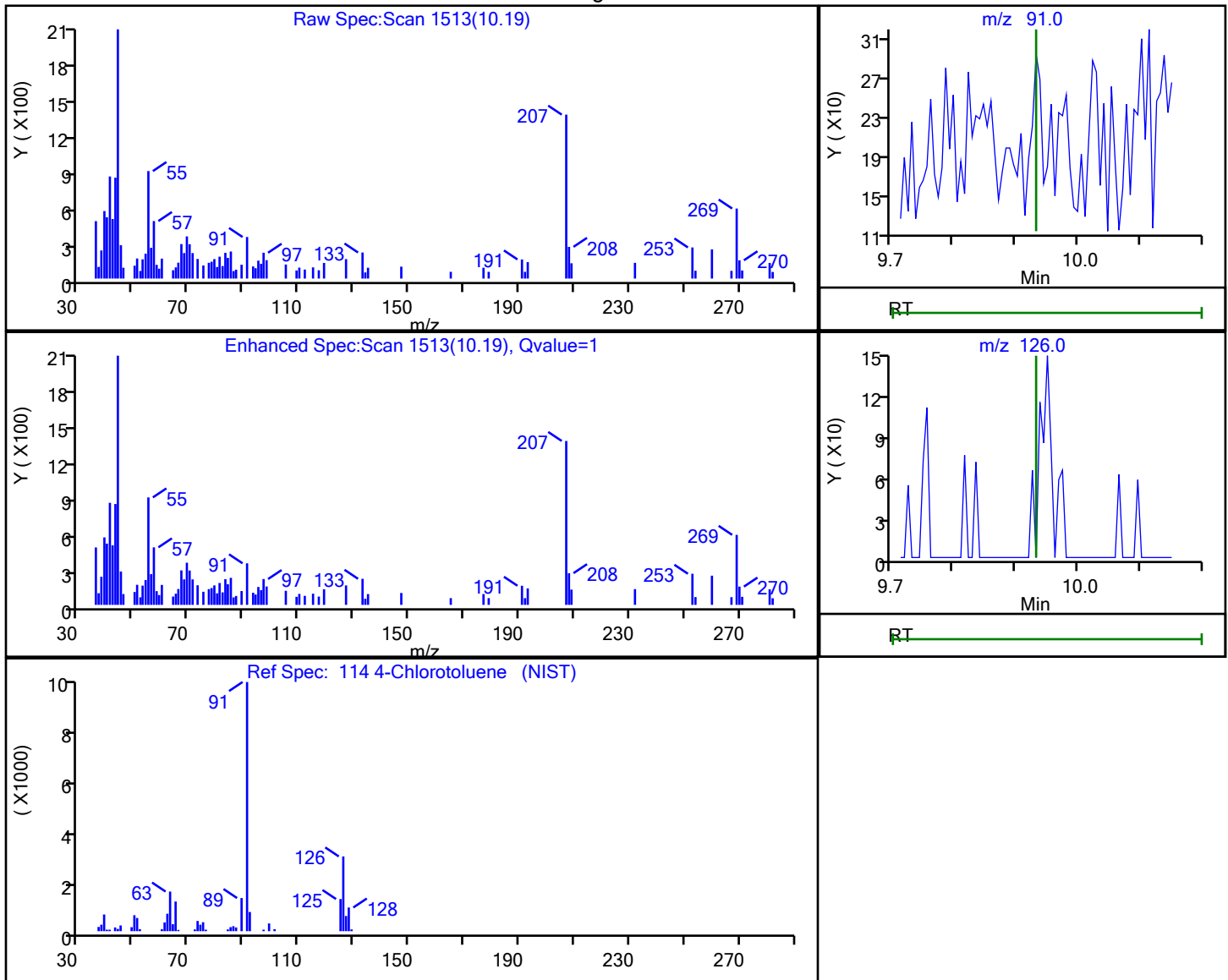
Column: DB-624 (0.18 mm)

Detector

MS Quad

114 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.19	91.00	334	0.032088
10.19	126.00	24	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

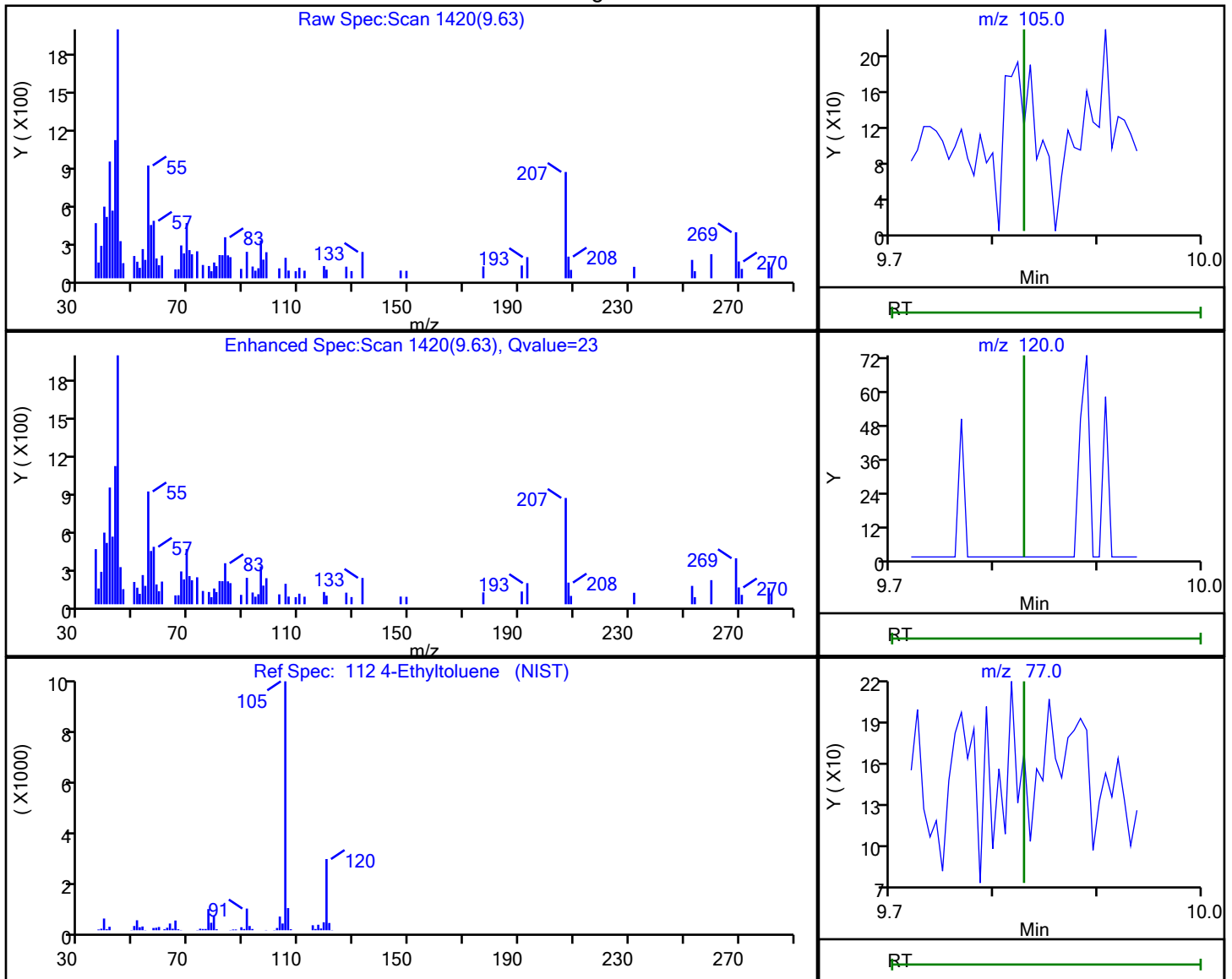
Column: DB-624 (0.18 mm)

Detector

MS Quad

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.63	105.00	63	0.004844
9.63	120.00	65	
9.62	77.00	141	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

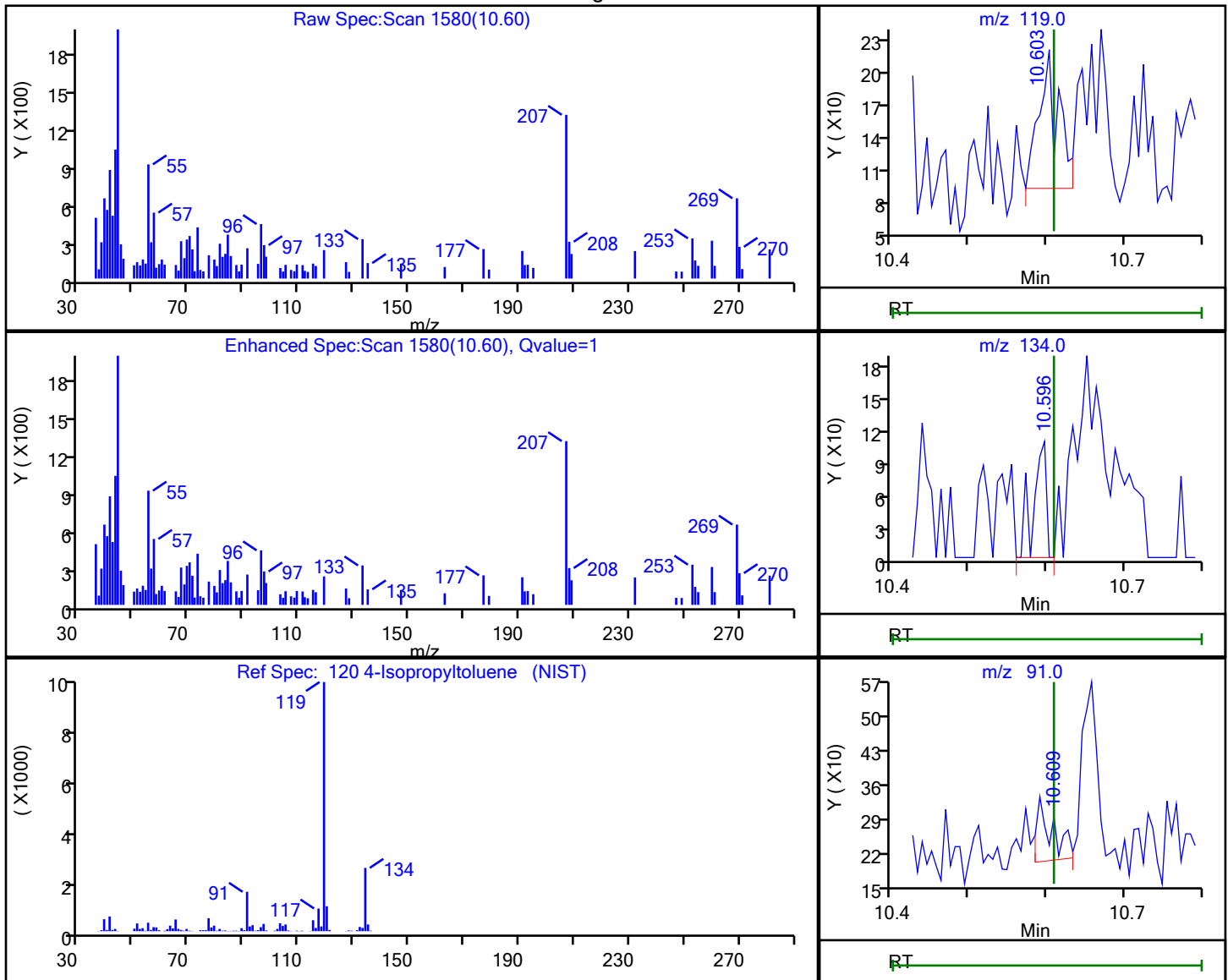
Column: DB-624 (0.18 mm)

Detector

MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.60	119.00	218	0.016985
10.60	134.00	123	
10.61	91.00	185	

Reviewer: desais, 13-Nov-2020 04:55:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

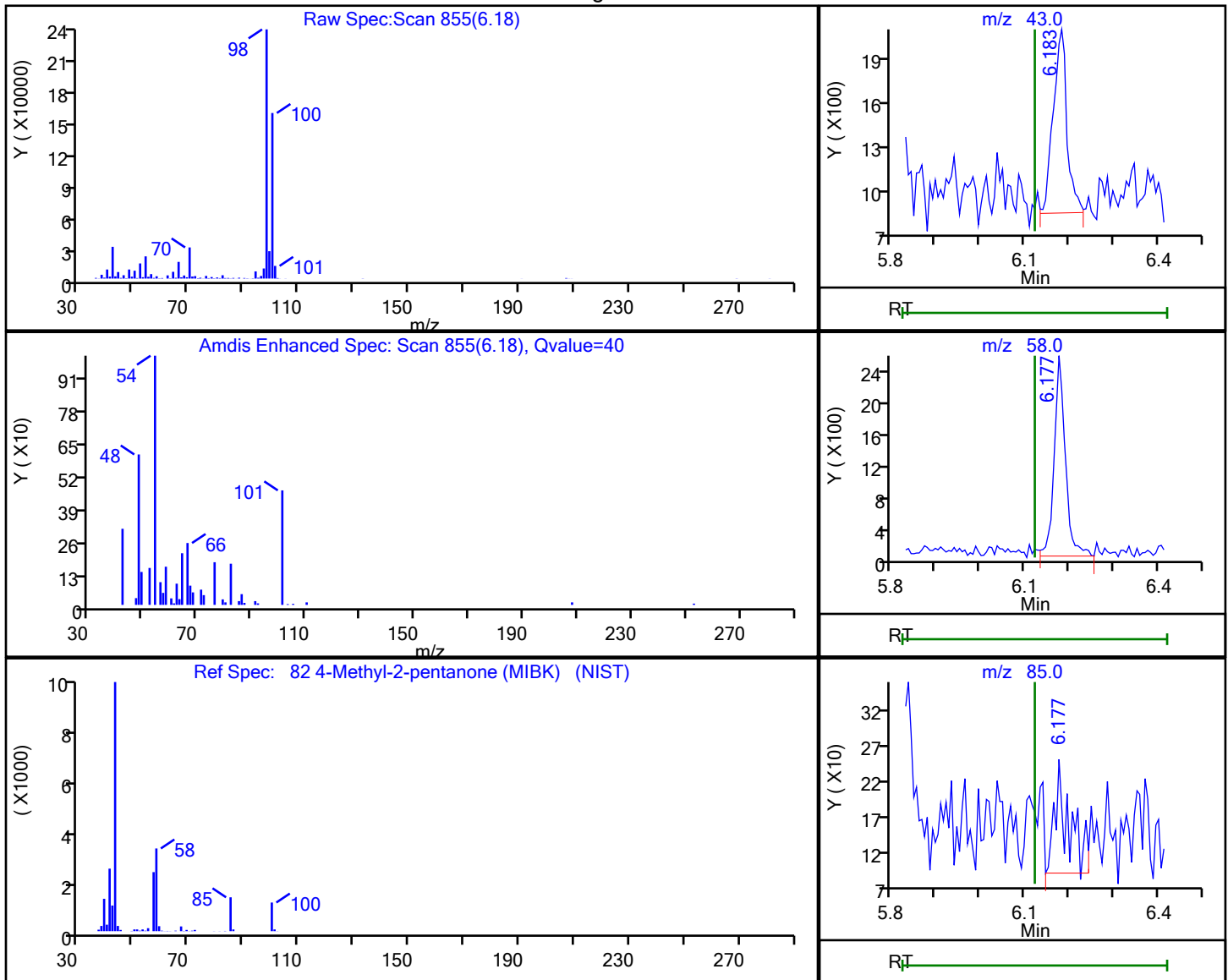
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.18	43.00	2618	0.833422
6.18	58.00	4367	
6.18	85.00	361	
6.18	100.00	284740	

Reviewer: desais, 13-Nov-2020 04:55:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

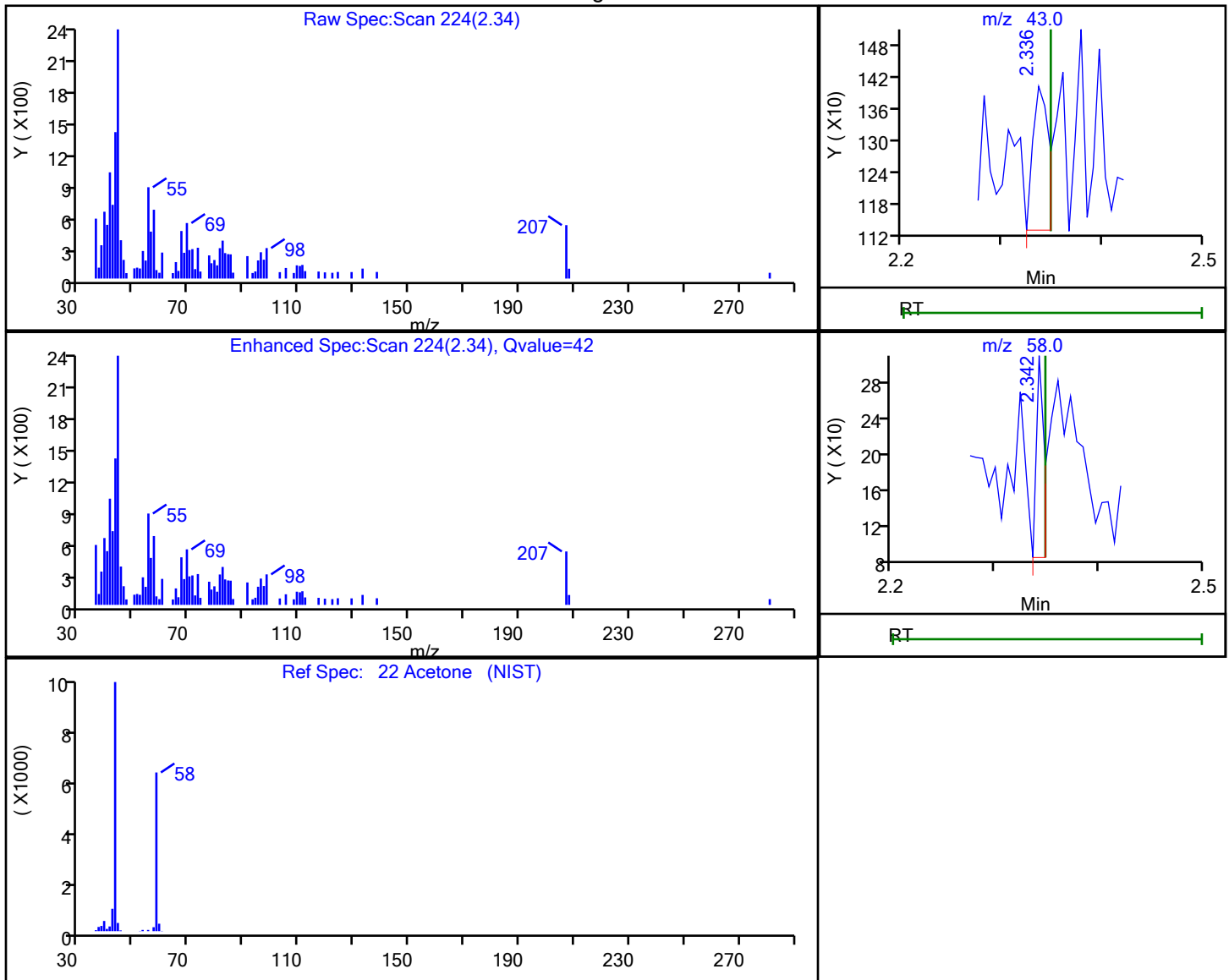
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.34	43.00	302	0.300552
2.34	58.00	122	

Reviewer: desais, 13-Nov-2020 04:53:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

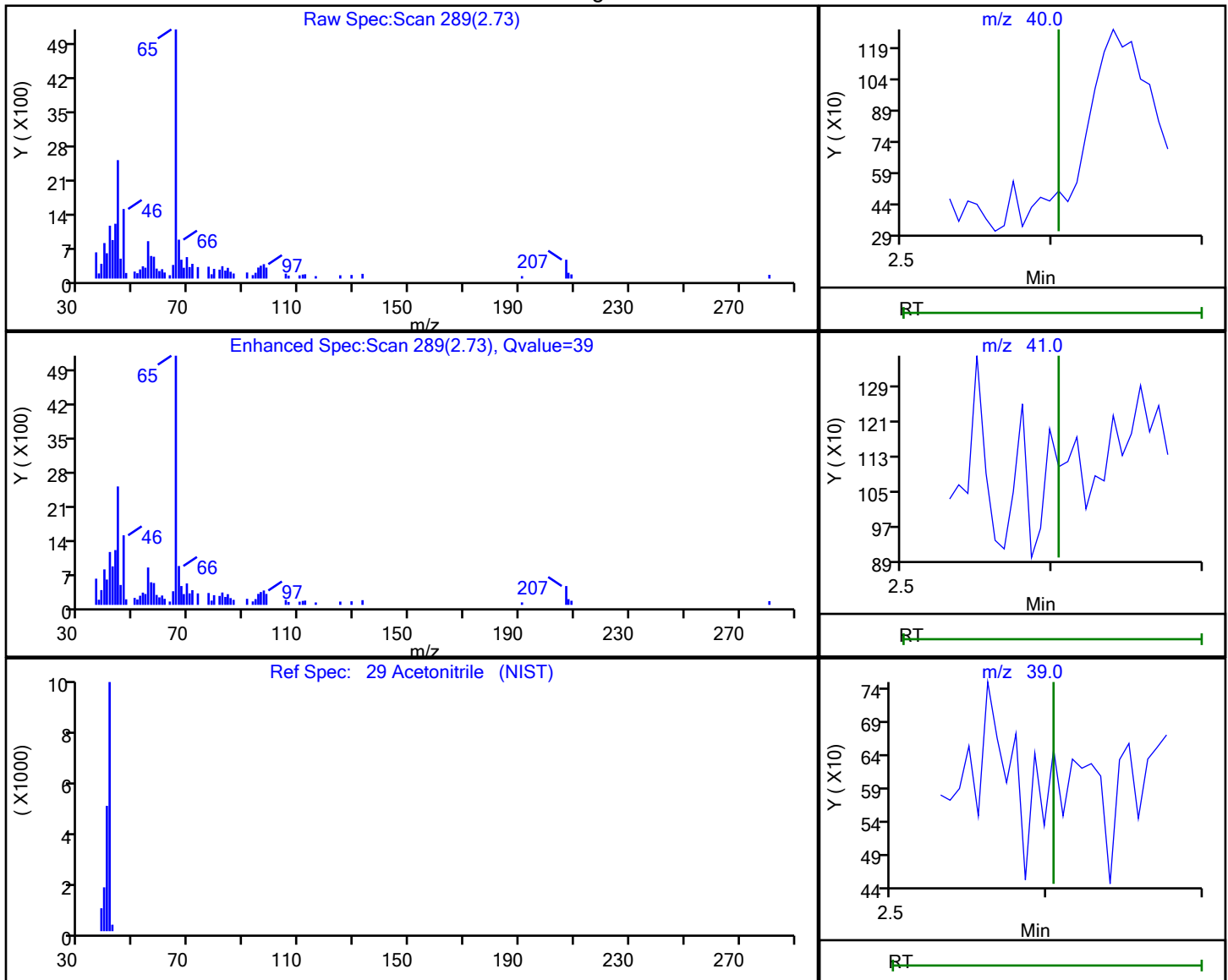
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.73	40.00	184	0.714511
2.73	41.00	252	
2.73	39.00	557	
2.74	38.00	123	

Reviewer: desais, 13-Nov-2020 04:53:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

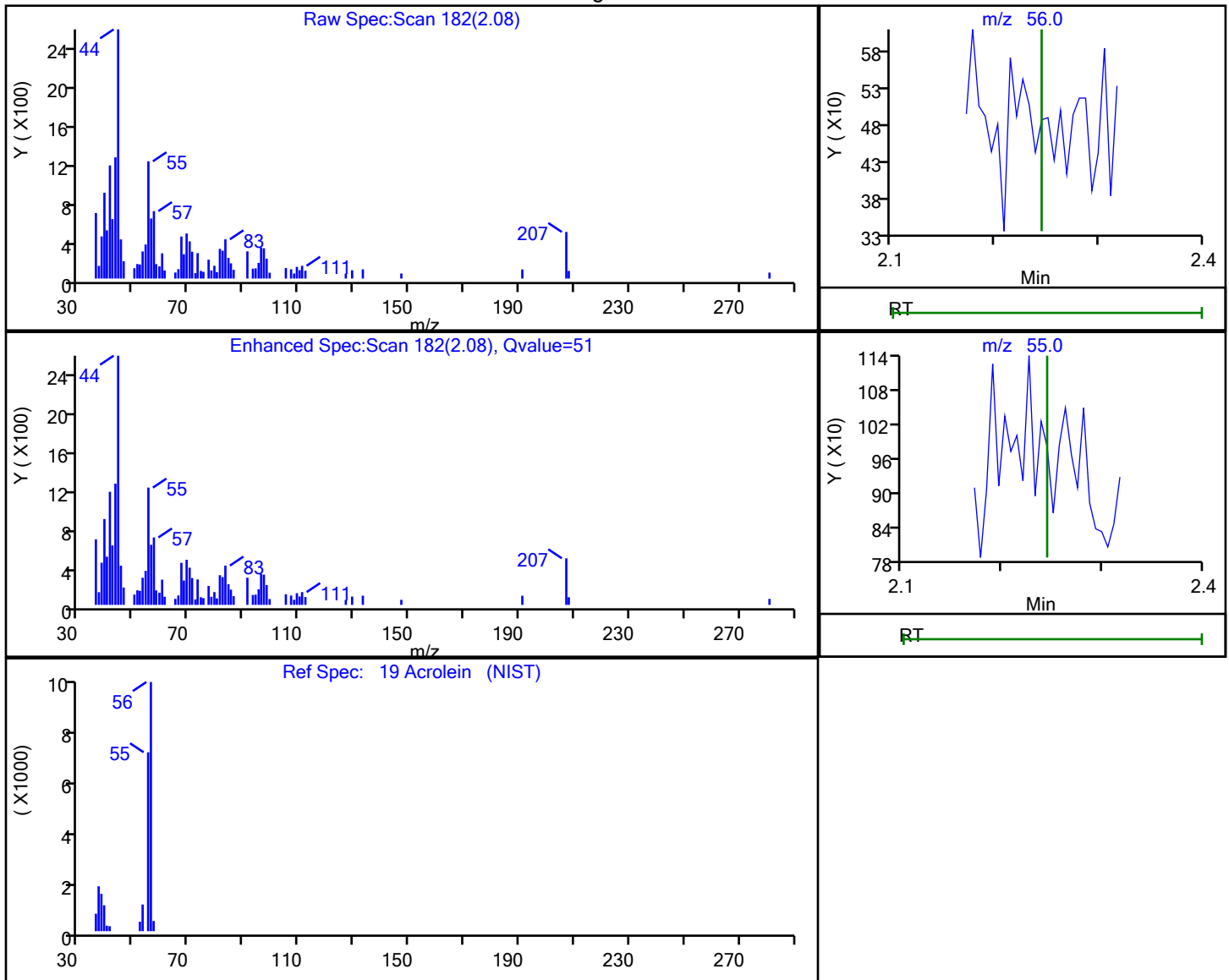
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.08	56.00	206	0.463818
2.08	55.00	480	

Reviewer: desais, 13-Nov-2020 04:53:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

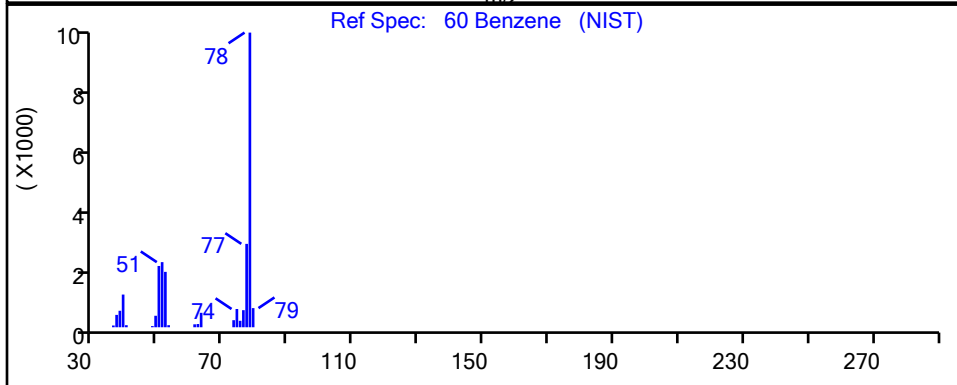
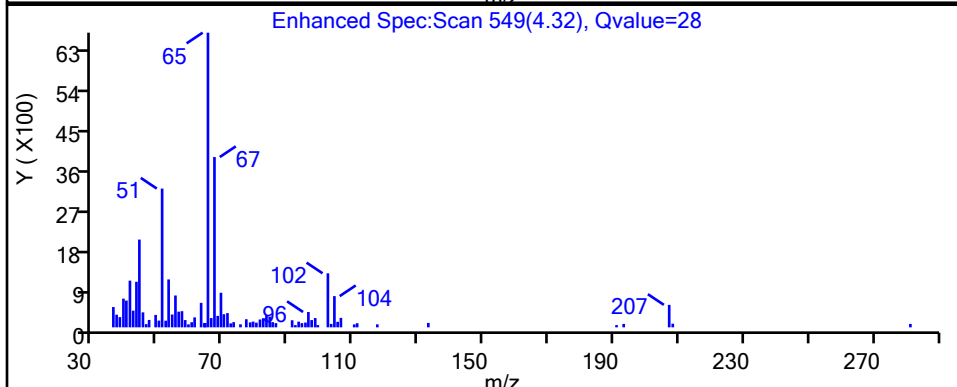
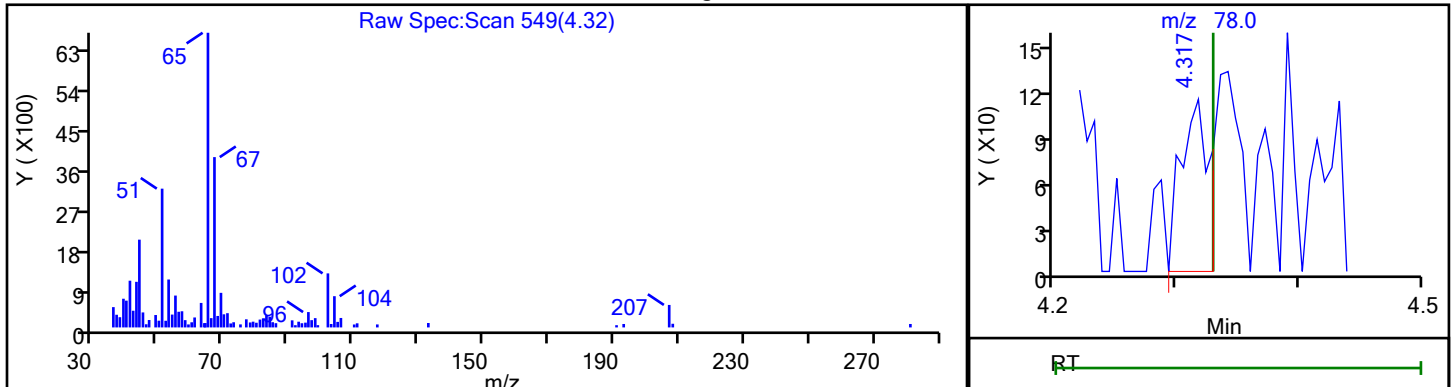
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.32	78.00	180	0.015931

Reviewer: desais, 13-Nov-2020 04:55:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

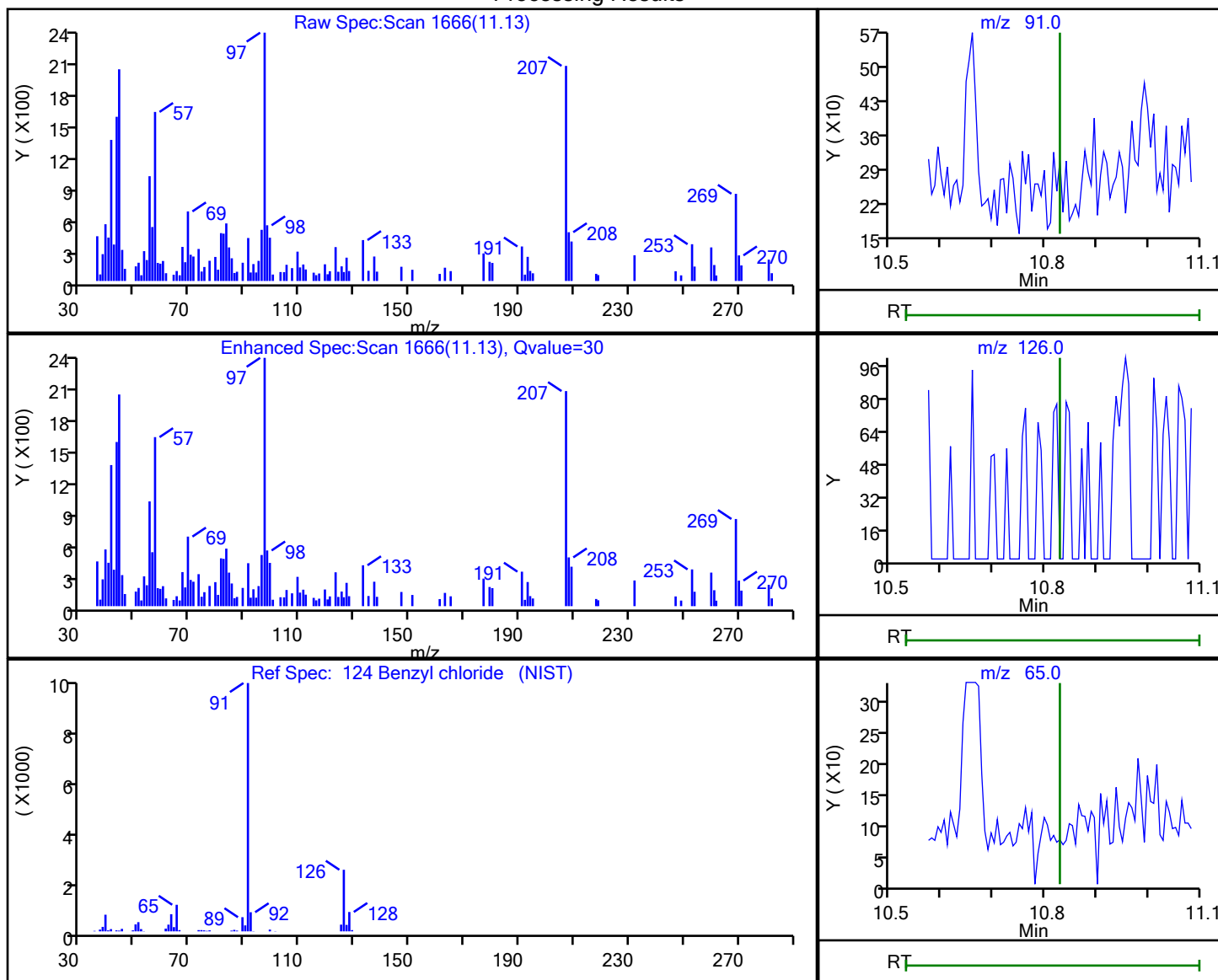
Column: DB-624 (0.18 mm)

Detector

MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.13	91.00	624	0.083607
11.13	126.00	105	
11.12	65.00	197	

Reviewer: desais, 13-Nov-2020 04:55:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

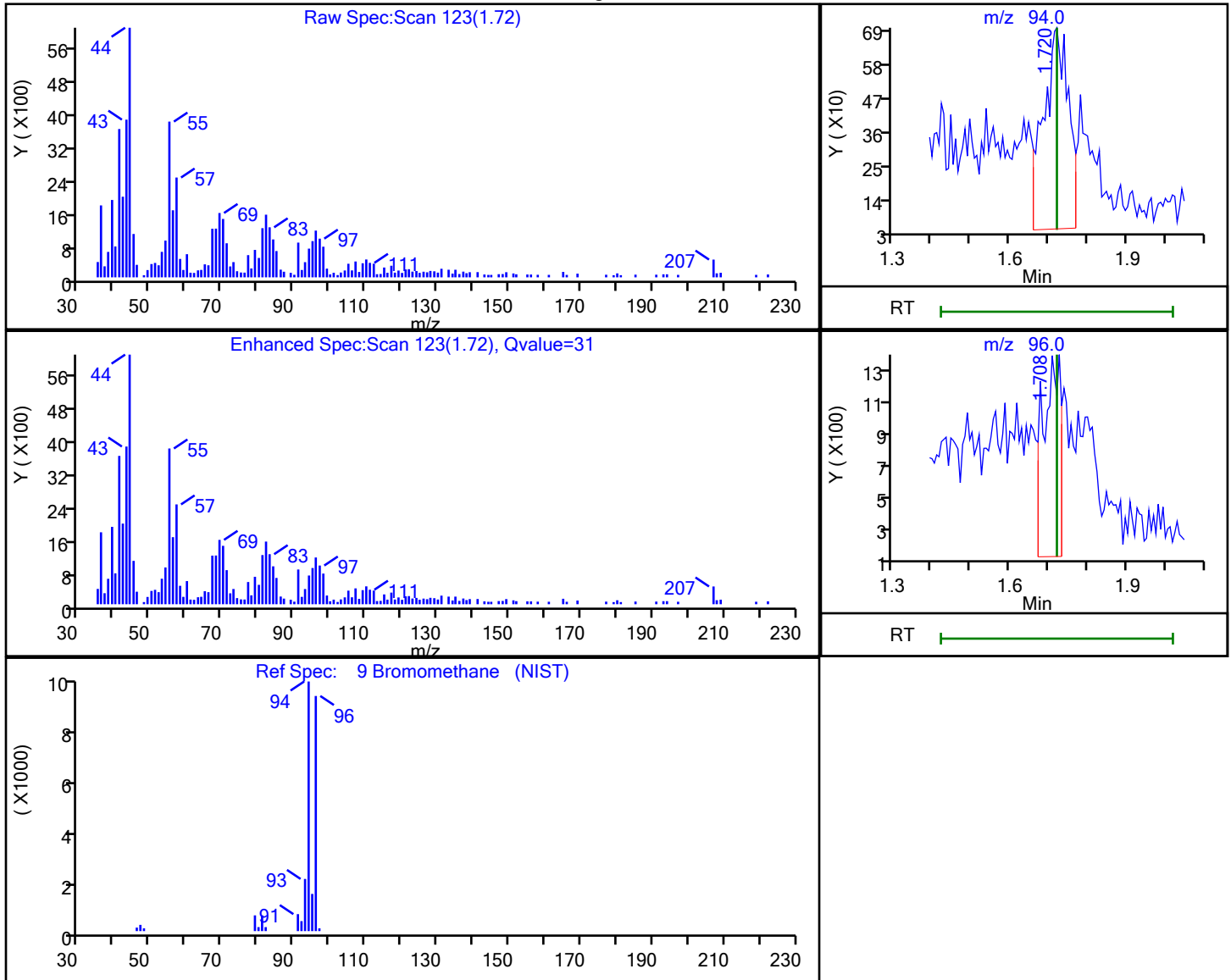
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.72	94.00	2990	0.896278
1.71	96.00	3763	

Reviewer: desais, 13-Nov-2020 04:53:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

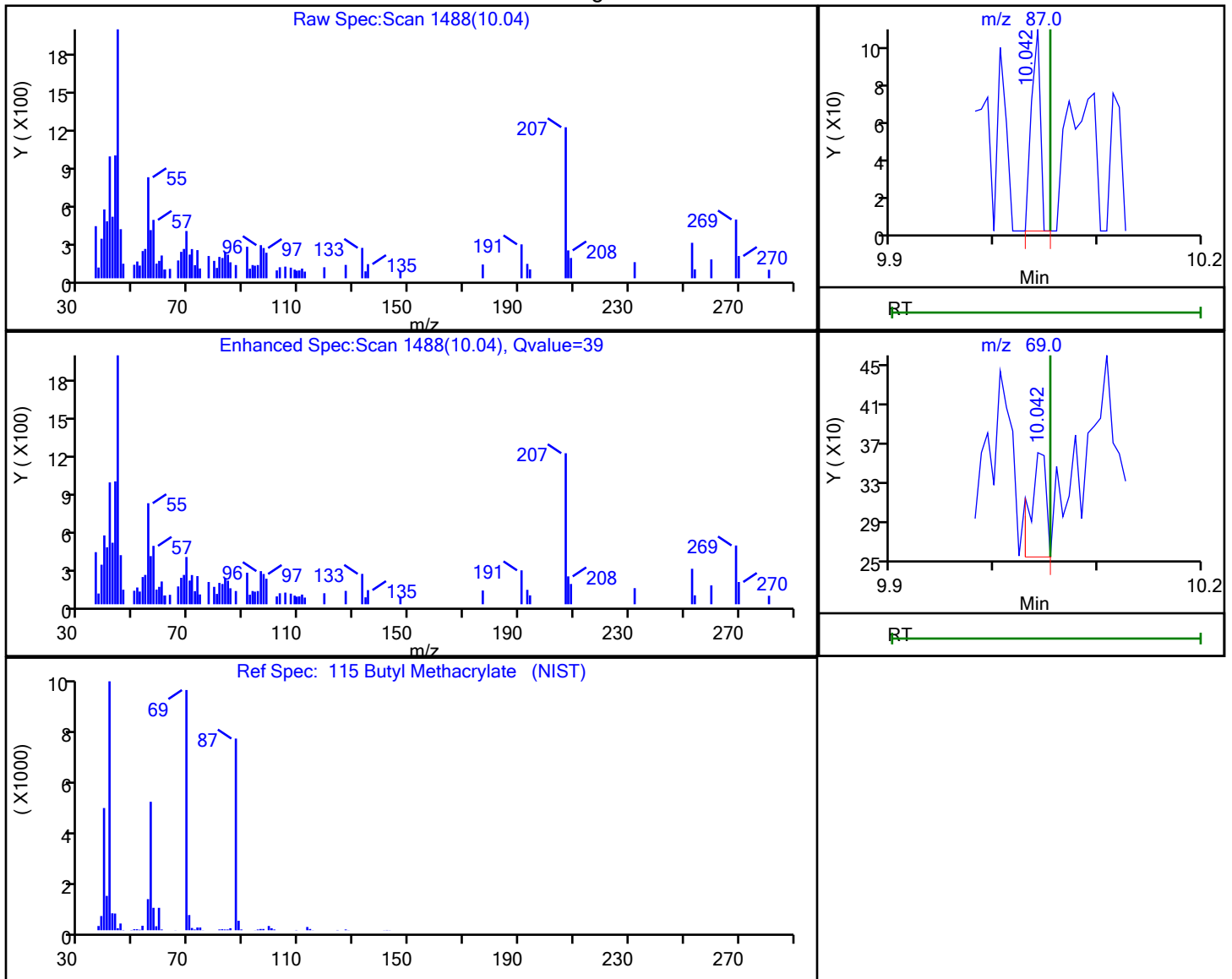
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

115 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.04	87.00	61	0.015106
10.04	69.00	112	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

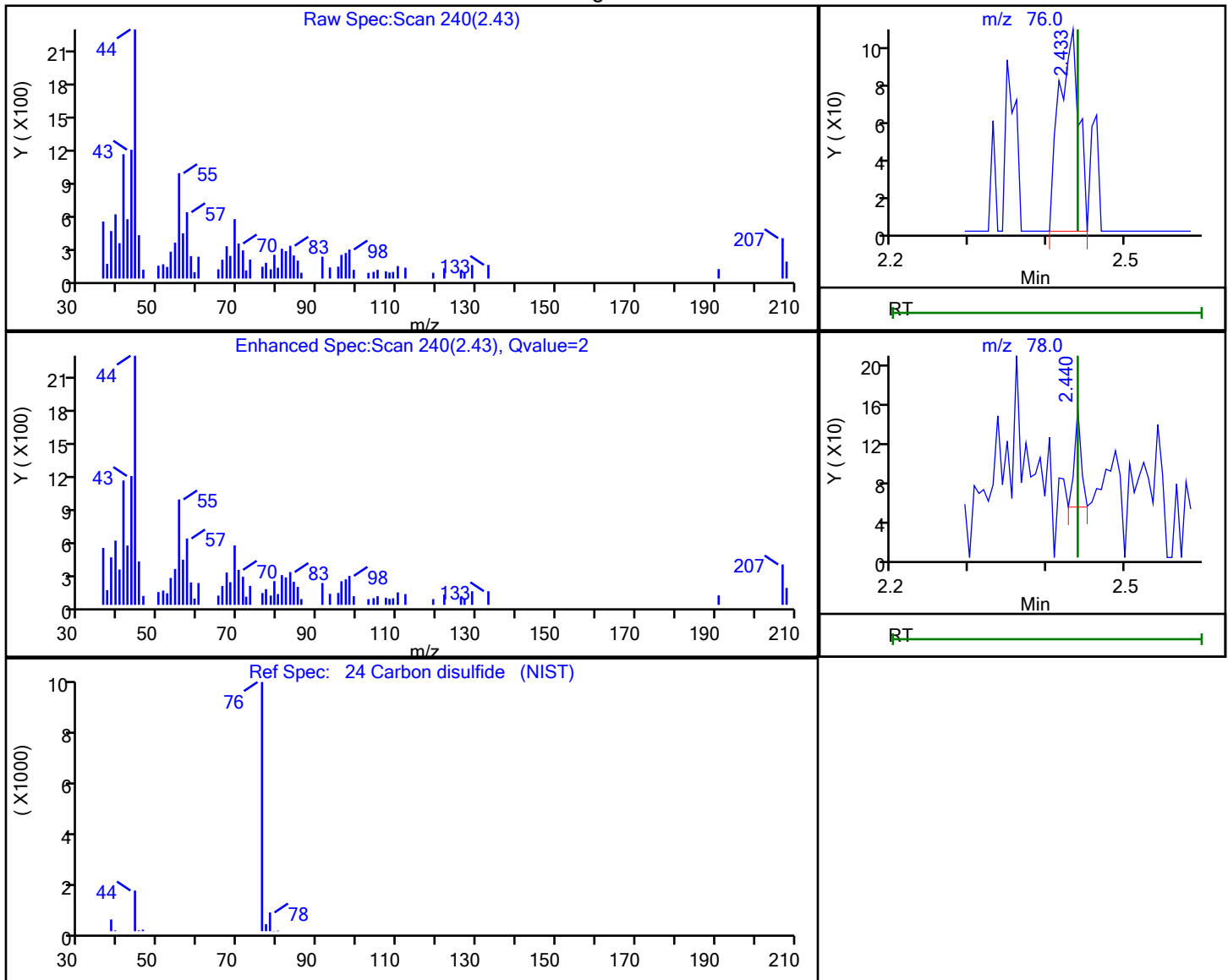
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.43	76.00	186	0.013631
2.44	78.00	61	

Reviewer: desais, 13-Nov-2020 04:53:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

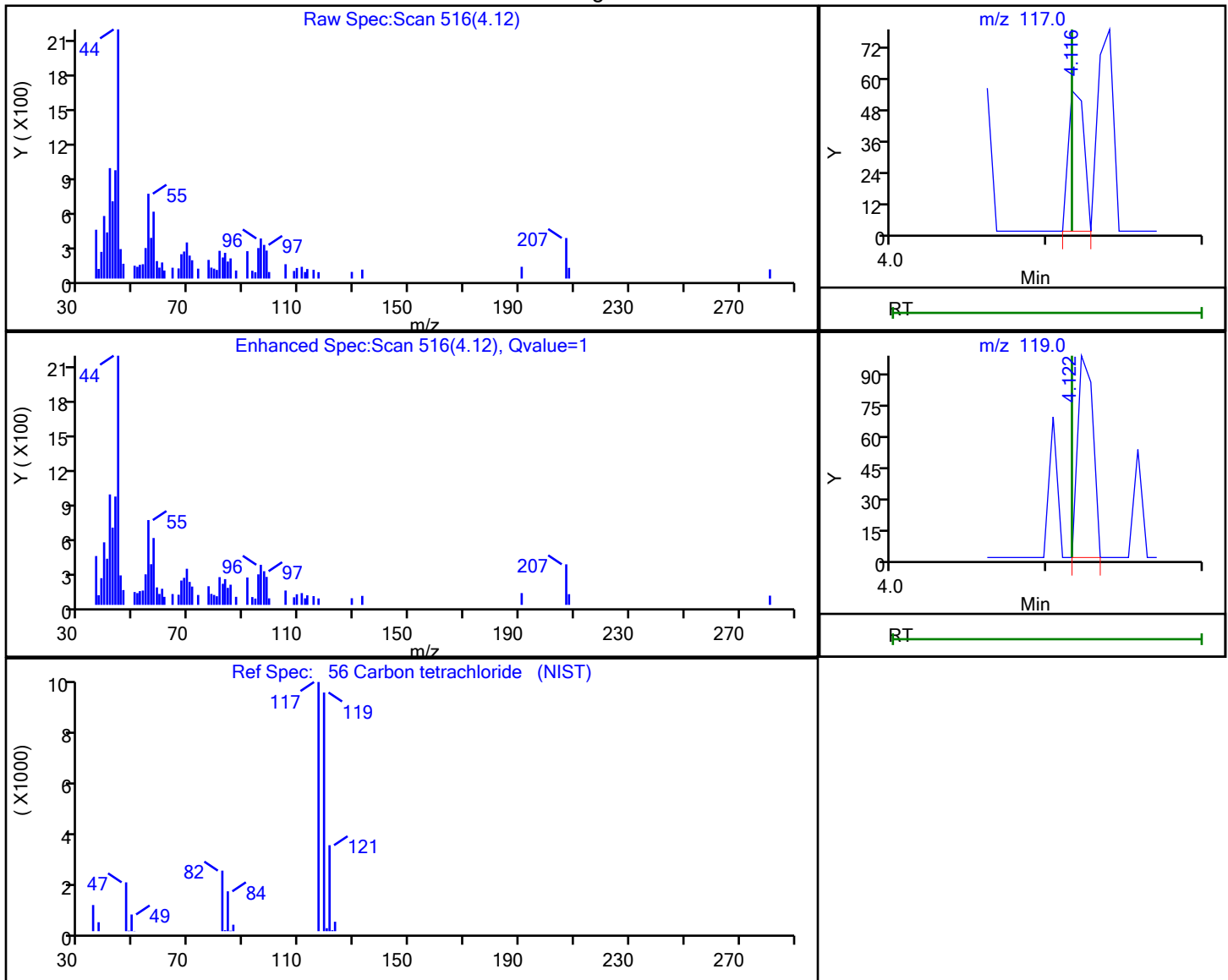
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
4.12	117.00	39	0.009472
4.12	119.00	68	

Reviewer: desais, 13-Nov-2020 04:55:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

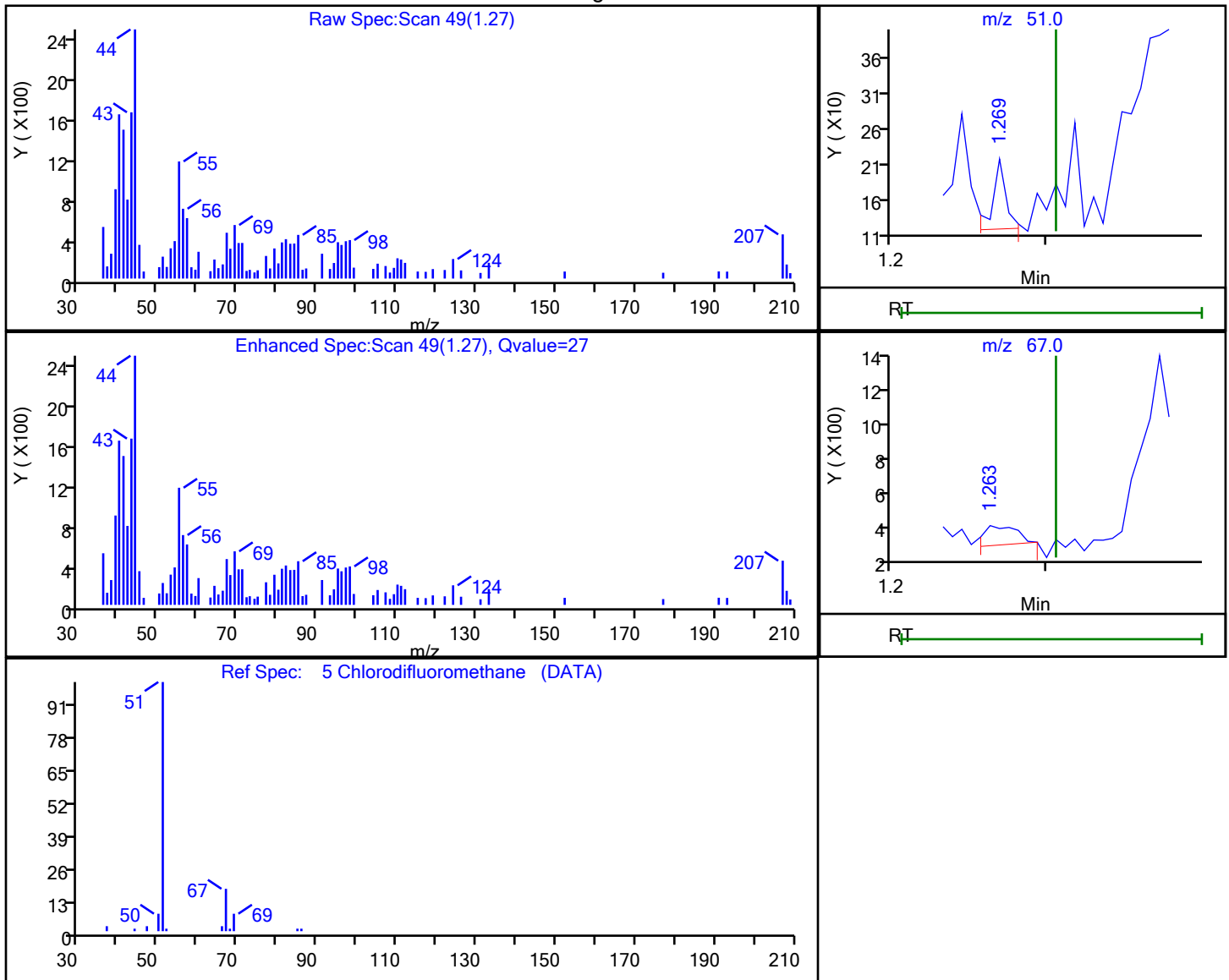
Column: DB-624 (0.18 mm)

Detector

MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.27	51.00	57	0.010718
1.26	67.00	156	

Reviewer: desais, 13-Nov-2020 04:53:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

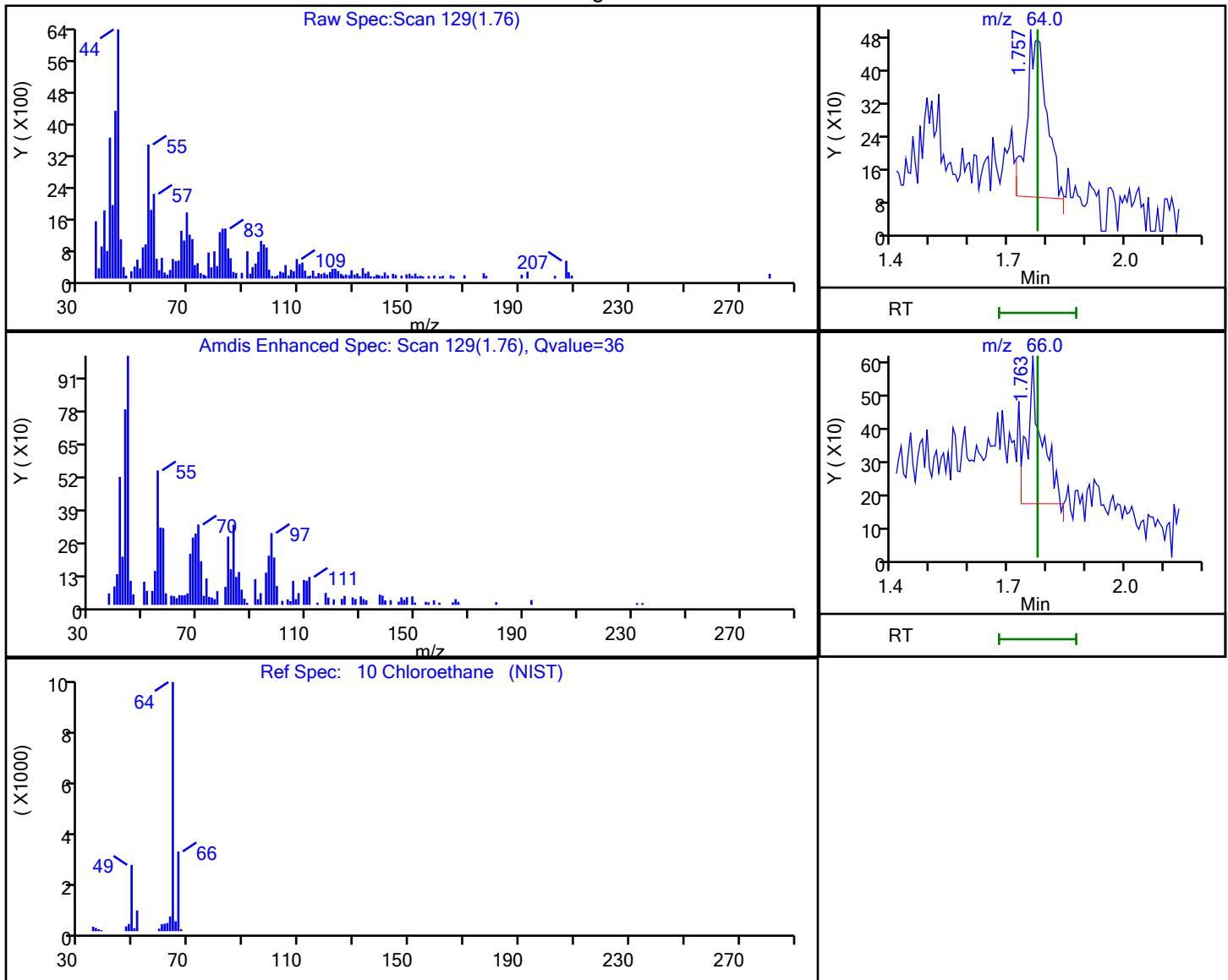
Column: DB-624 (0.18 mm)

Detector

MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.76	64.00	1435	0.525974
1.76	66.00	1126	

Reviewer: desais, 13-Nov-2020 04:53:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

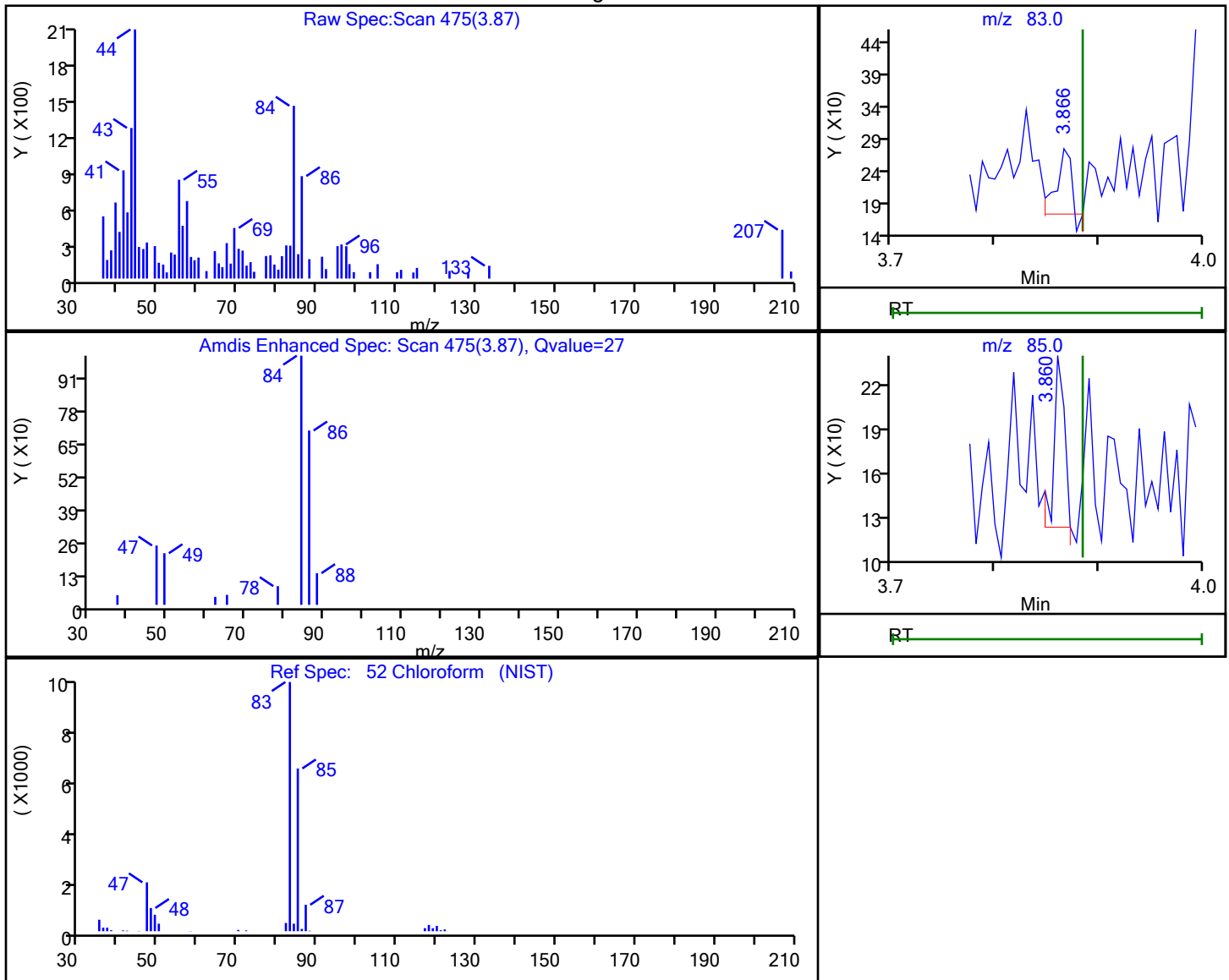
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.87	83.00	91	0.016705
3.86	85.00	80	

Reviewer: desais, 13-Nov-2020 04:55:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

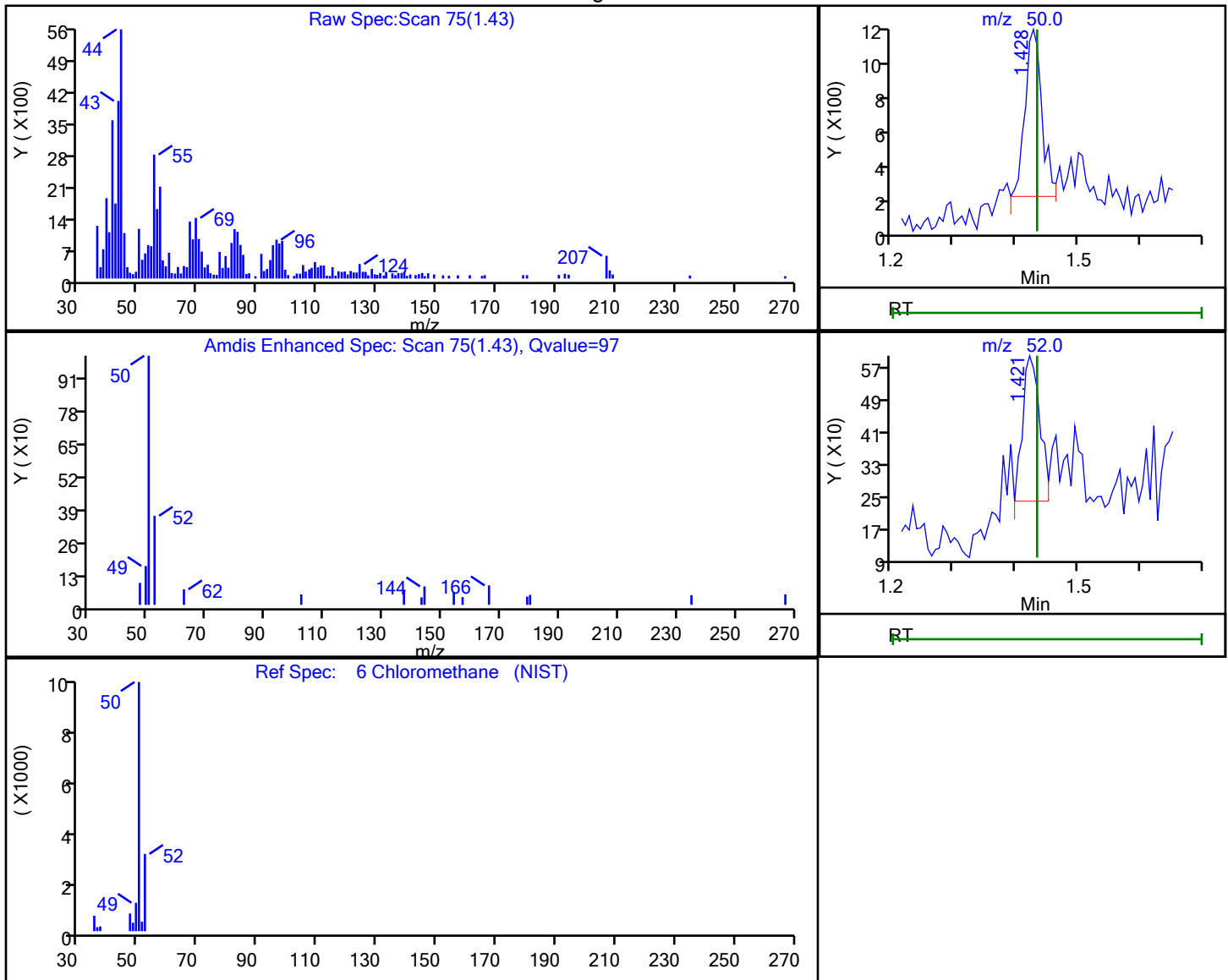
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.43	50.00	1595	0.256580
1.42	52.00	694	

Reviewer: desais, 13-Nov-2020 04:53:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

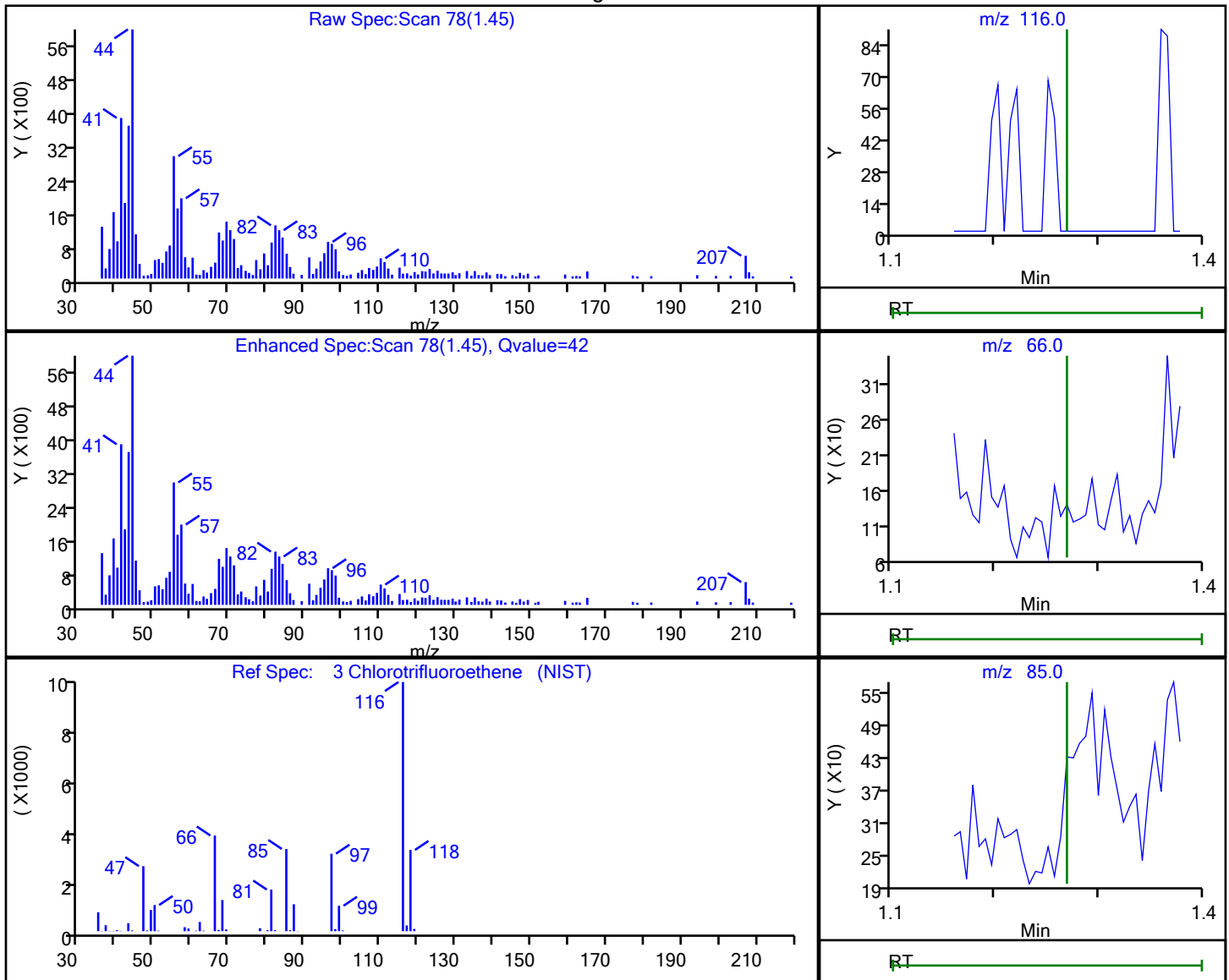
Column: DB-624 (0.18 mm)

Detector

MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.45	116.00	227	0.149883
1.45	66.00	74	
1.45	85.00	1449	
1.44	118.00	318	

Reviewer: desais, 13-Nov-2020 04:53:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

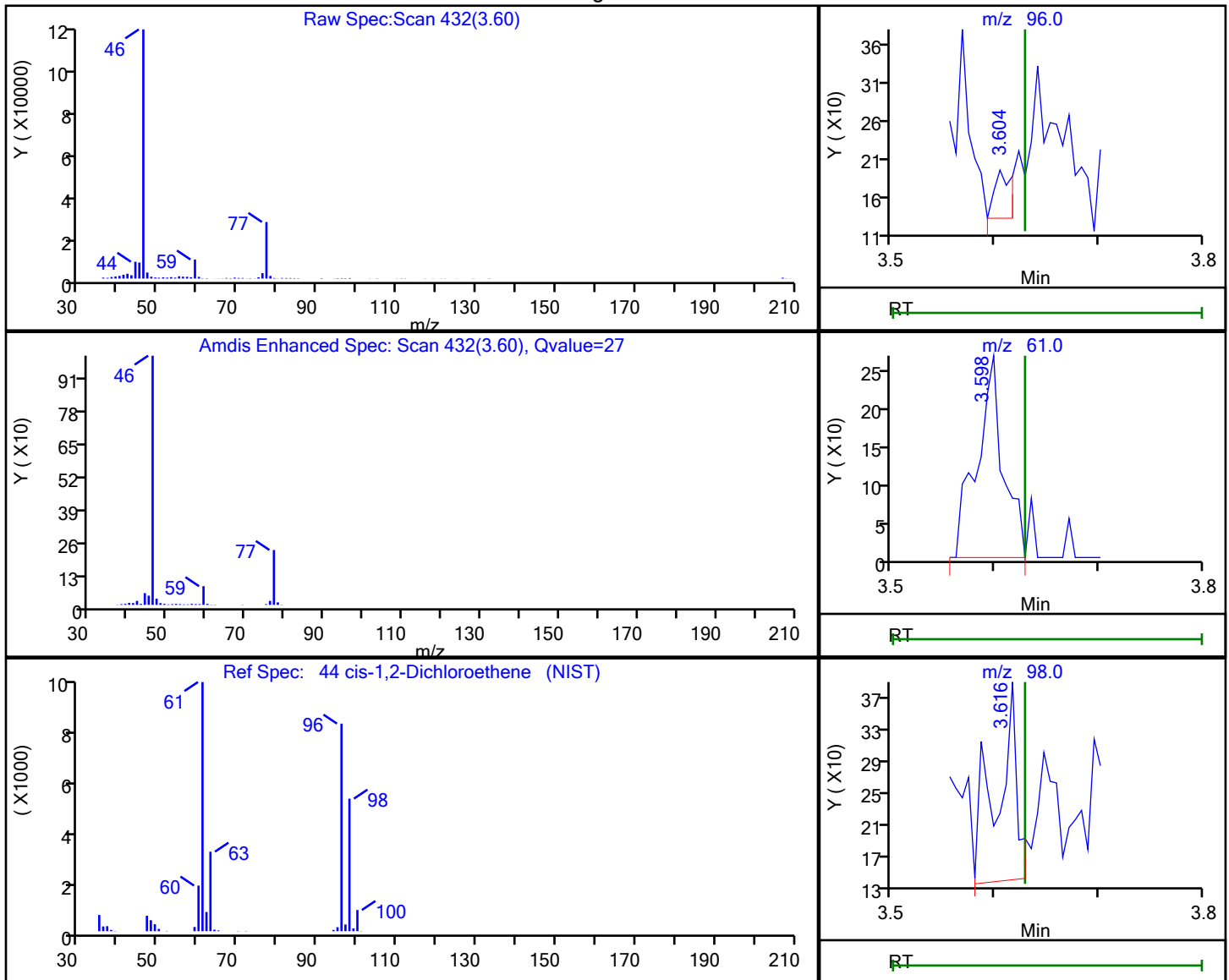
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.60	96.00	72	0.019912
3.60	61.00	476	
3.62	98.00	345	

Reviewer: desais, 13-Nov-2020 04:55:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

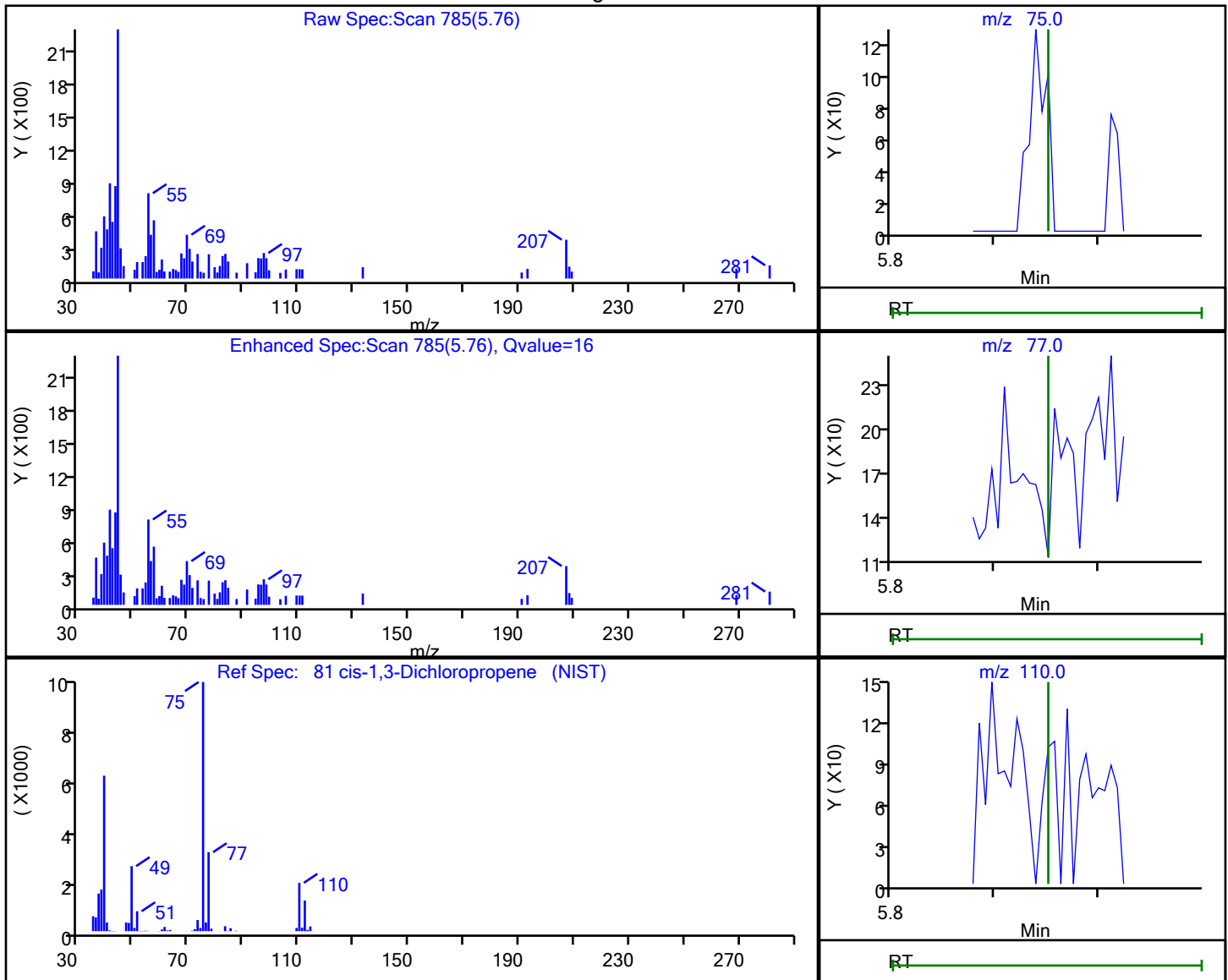
Column: DB-624 (0.18 mm)

Detector

MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.76	75.00	19	0.004020
5.76	77.00	183	
5.76	110.00	126	

Reviewer: desais, 13-Nov-2020 04:55:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

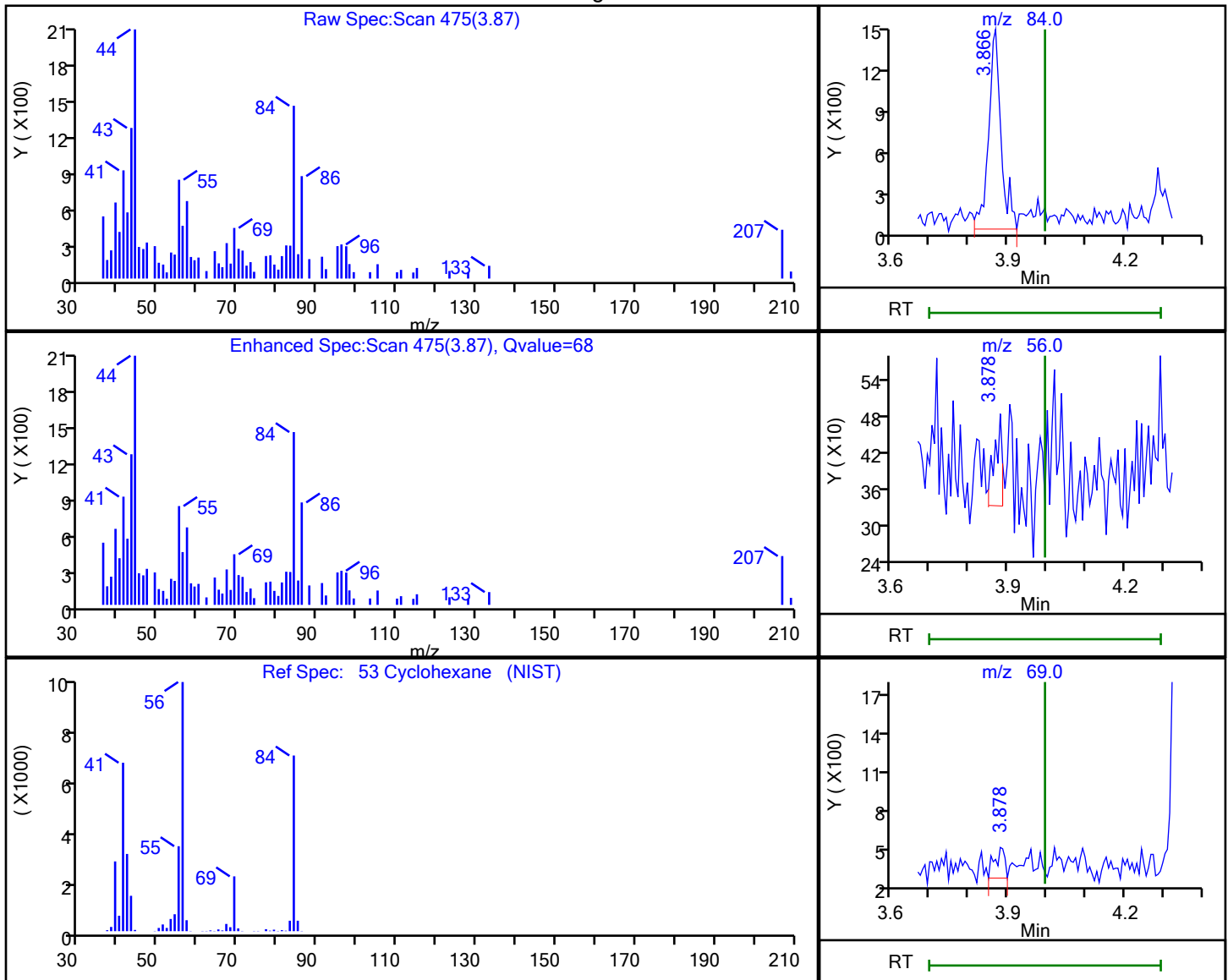
Column: DB-624 (0.18 mm)

Detector

MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.87	84.00	2947	0.575995
3.88	56.00	207	
3.88	69.00	417	

Reviewer: desais, 13-Nov-2020 04:55:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

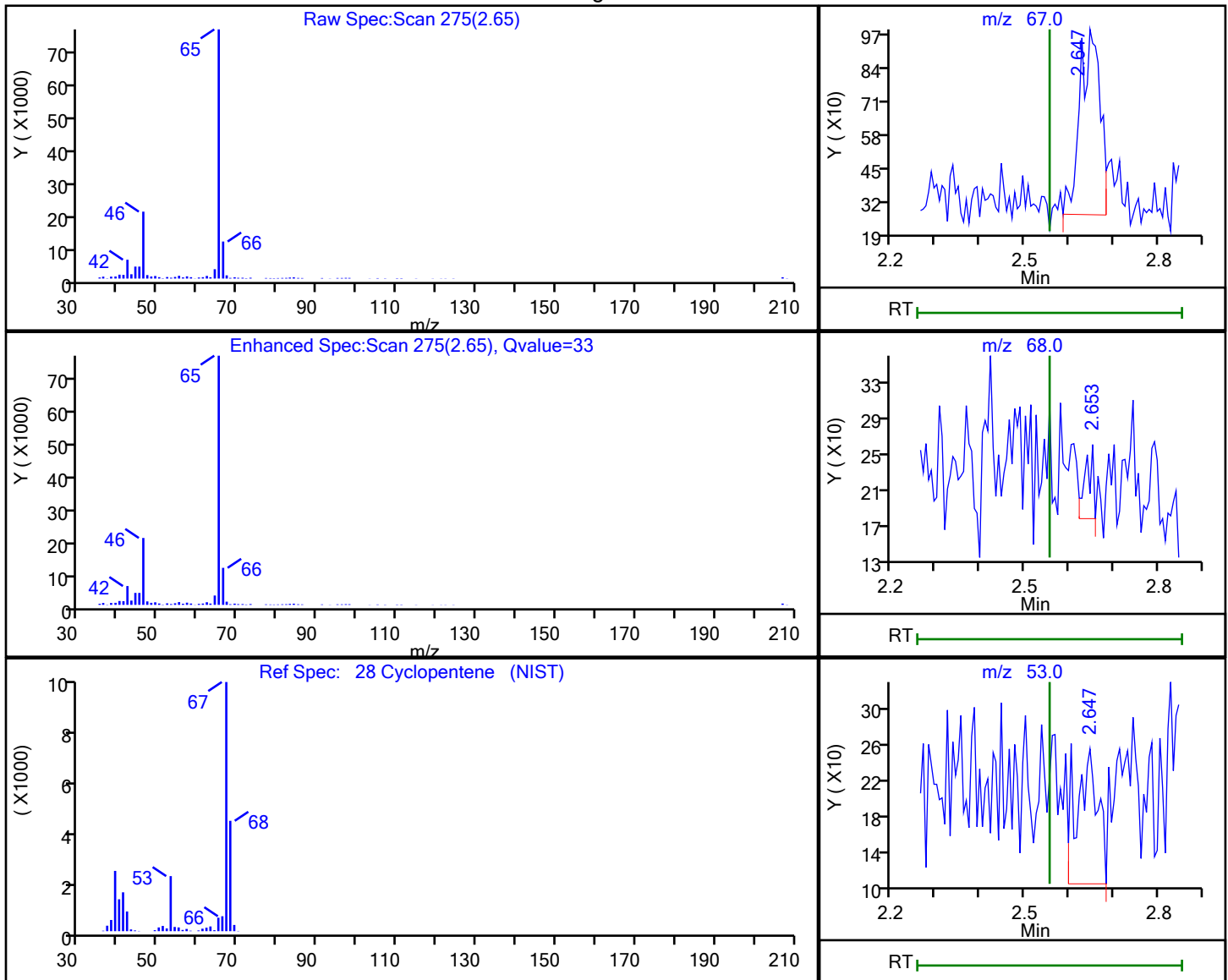
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.65	67.00	2275	0.271147
2.65	68.00	97	
2.65	53.00	485	

Reviewer: desais, 13-Nov-2020 04:53:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

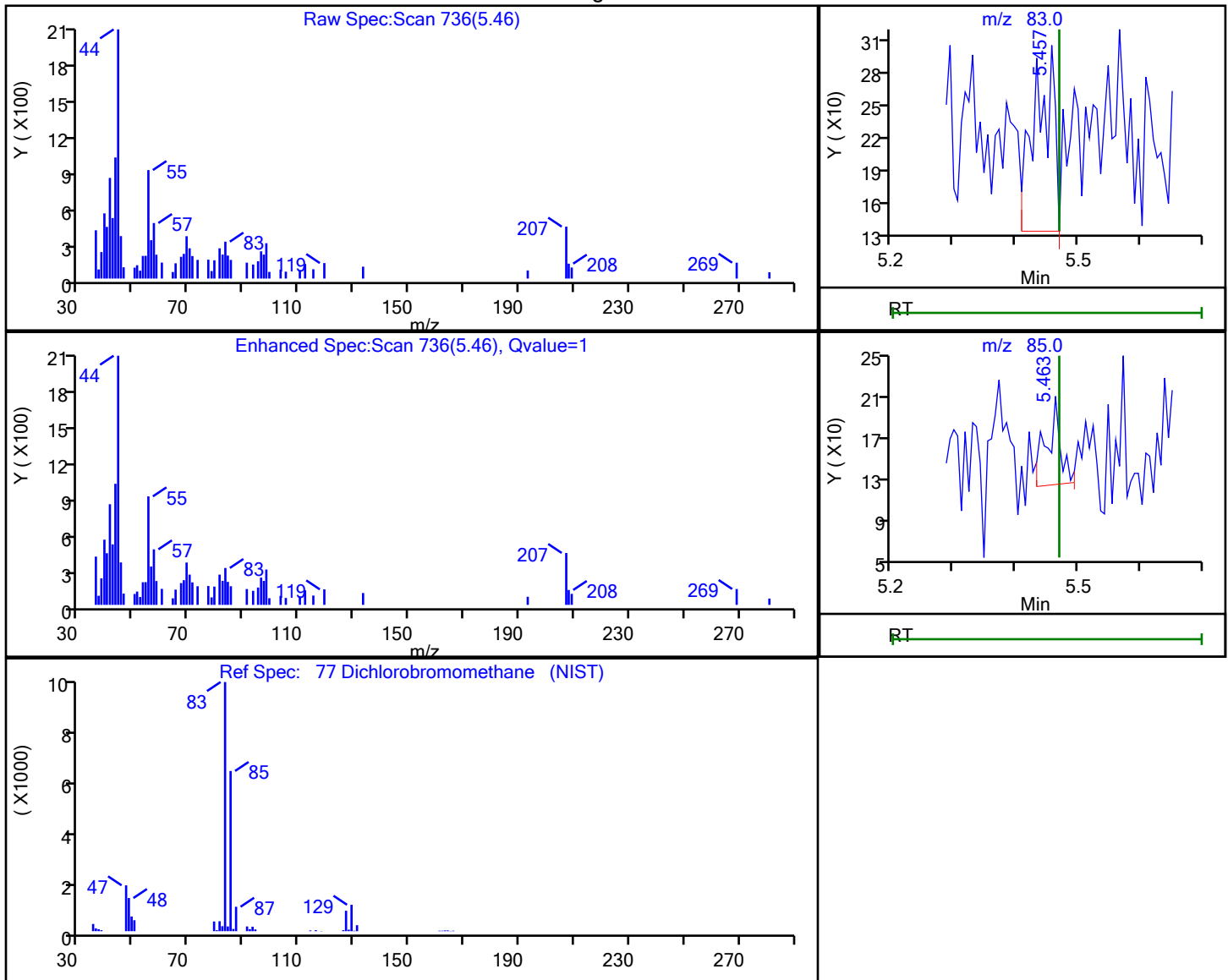
Column: DB-624 (0.18 mm)

Detector

MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.46	83.00	377	0.089422
5.46	85.00	134	

Reviewer: desais, 13-Nov-2020 04:55:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

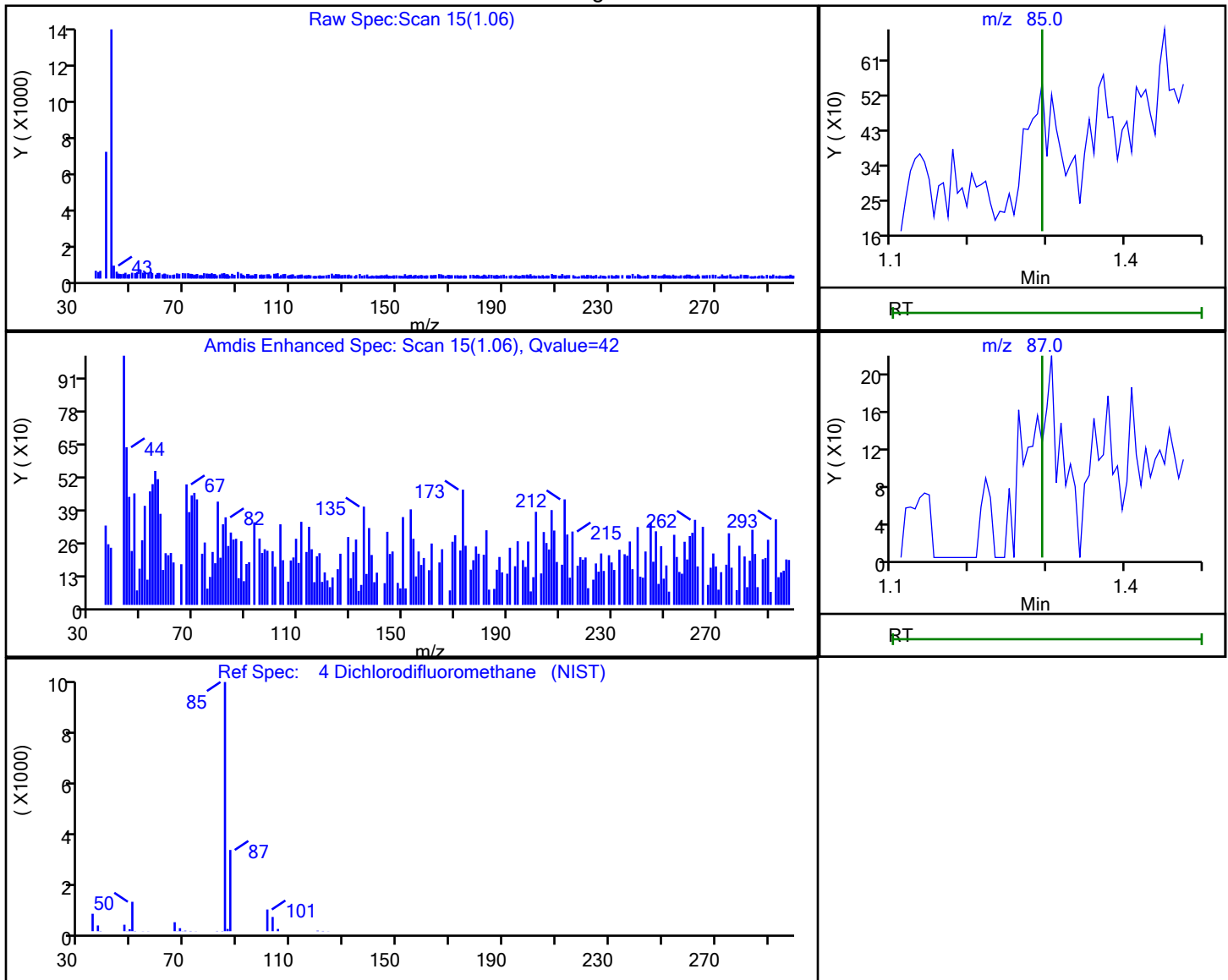
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.06	85.00	529	0.083993
1.07	87.00	563	

Reviewer: desais, 13-Nov-2020 04:53:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

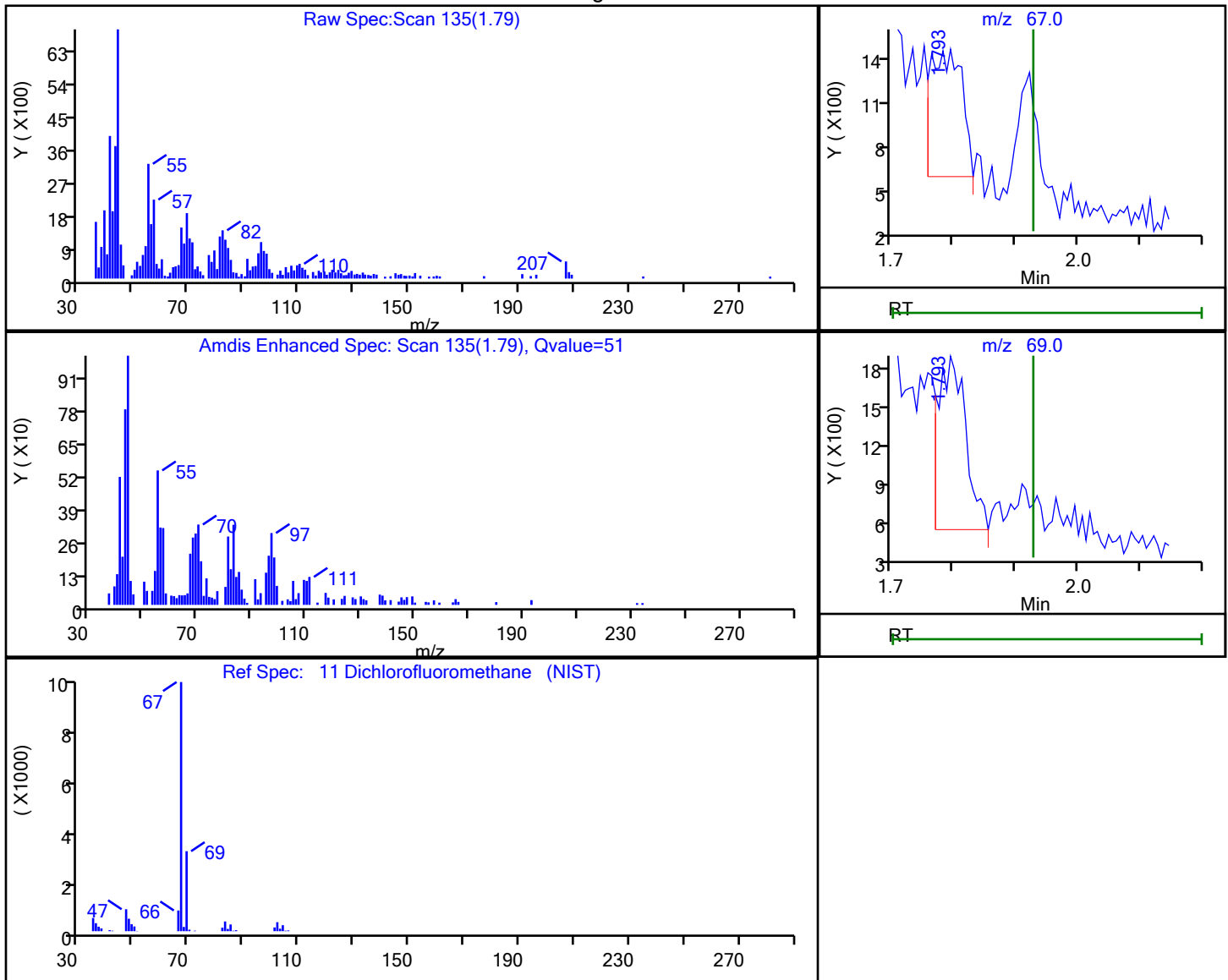
Column: DB-624 (0.18 mm)

Detector

MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.79	67.00	2783	0.353376
1.79	69.00	3794	

Reviewer: desais, 13-Nov-2020 04:53:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

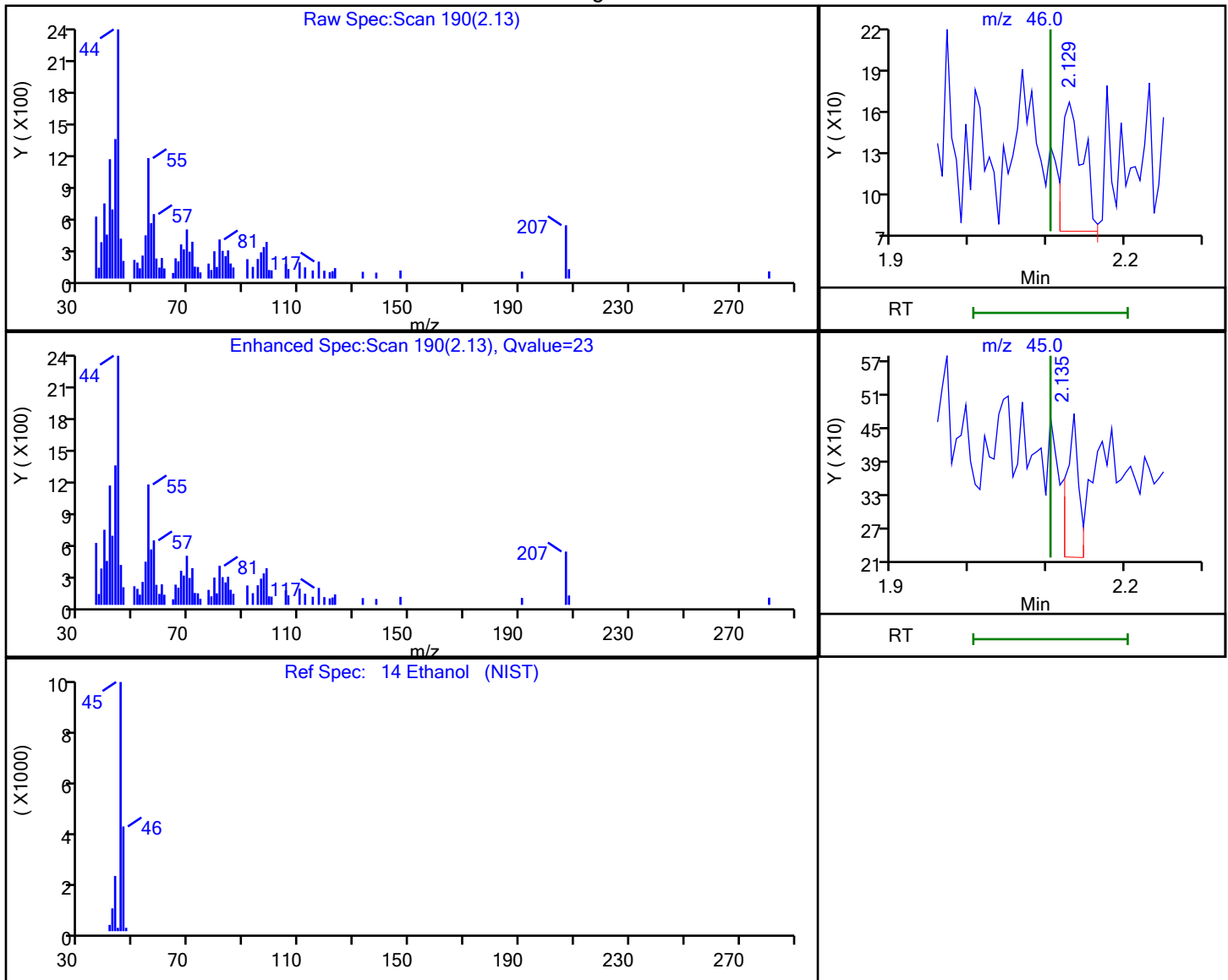
Column: DB-624 (0.18 mm)

Detector

MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.13	46.00	172	8.204490
2.13	45.00	275	

Reviewer: desais, 13-Nov-2020 04:53:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

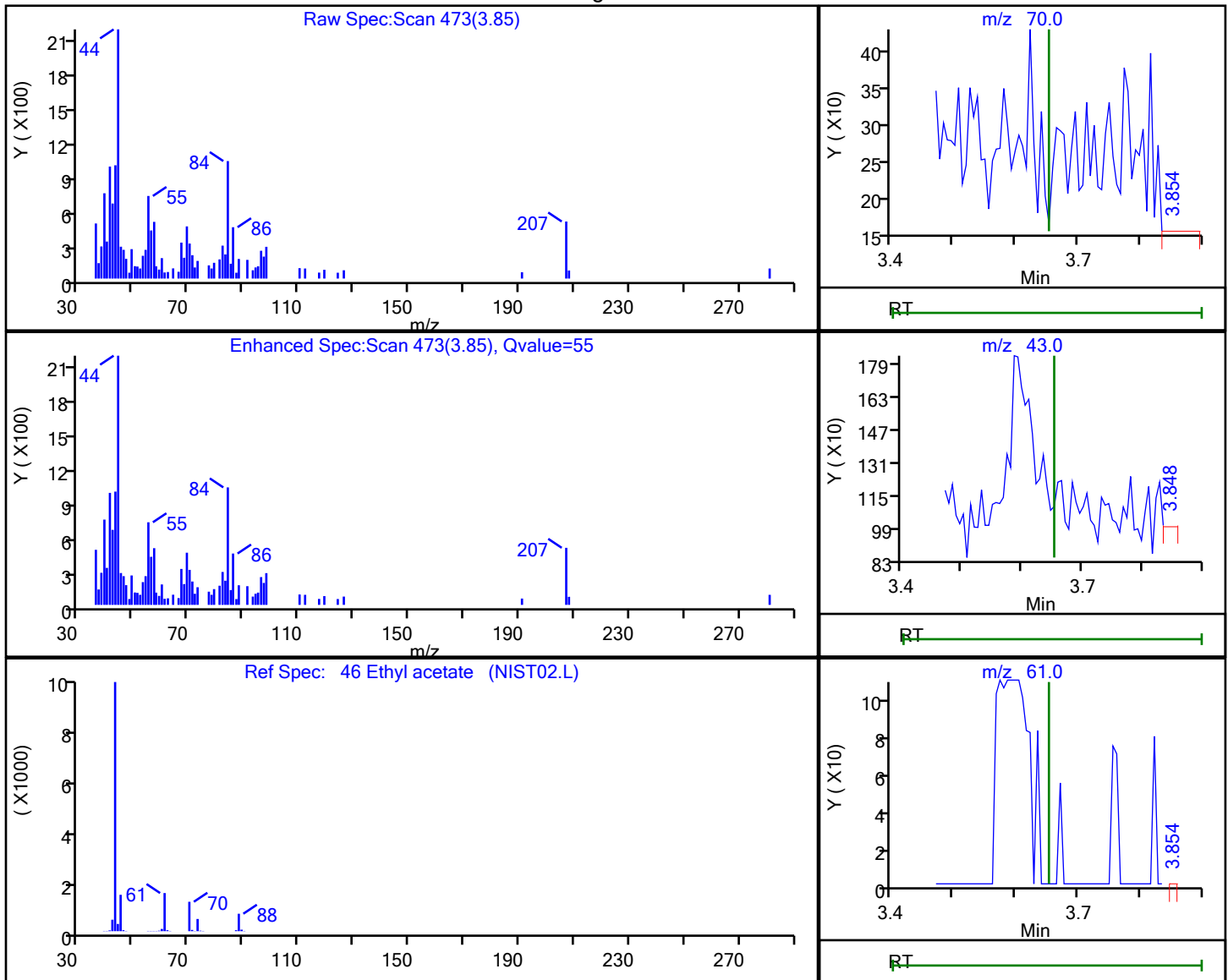
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.85	70.00	341	1.007490
3.85	43.00	97	
3.85	61.00	19	

Reviewer: desais, 13-Nov-2020 04:55:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

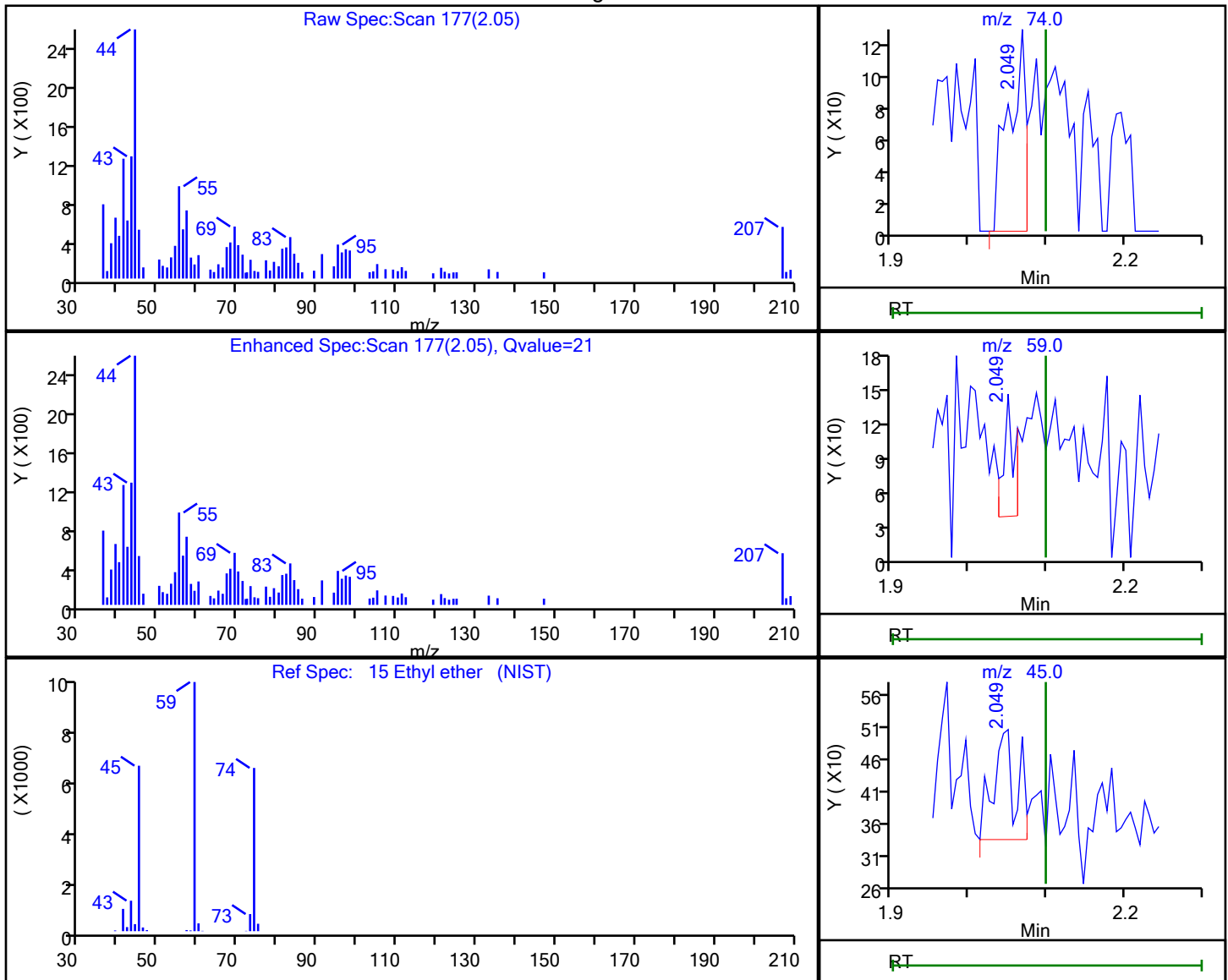
Column: DB-624 (0.18 mm)

Detector

MS Quad

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.05	74.00	194	0.098553
2.05	59.00	107	
2.05	45.00	345	

Reviewer: desais, 13-Nov-2020 04:53:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

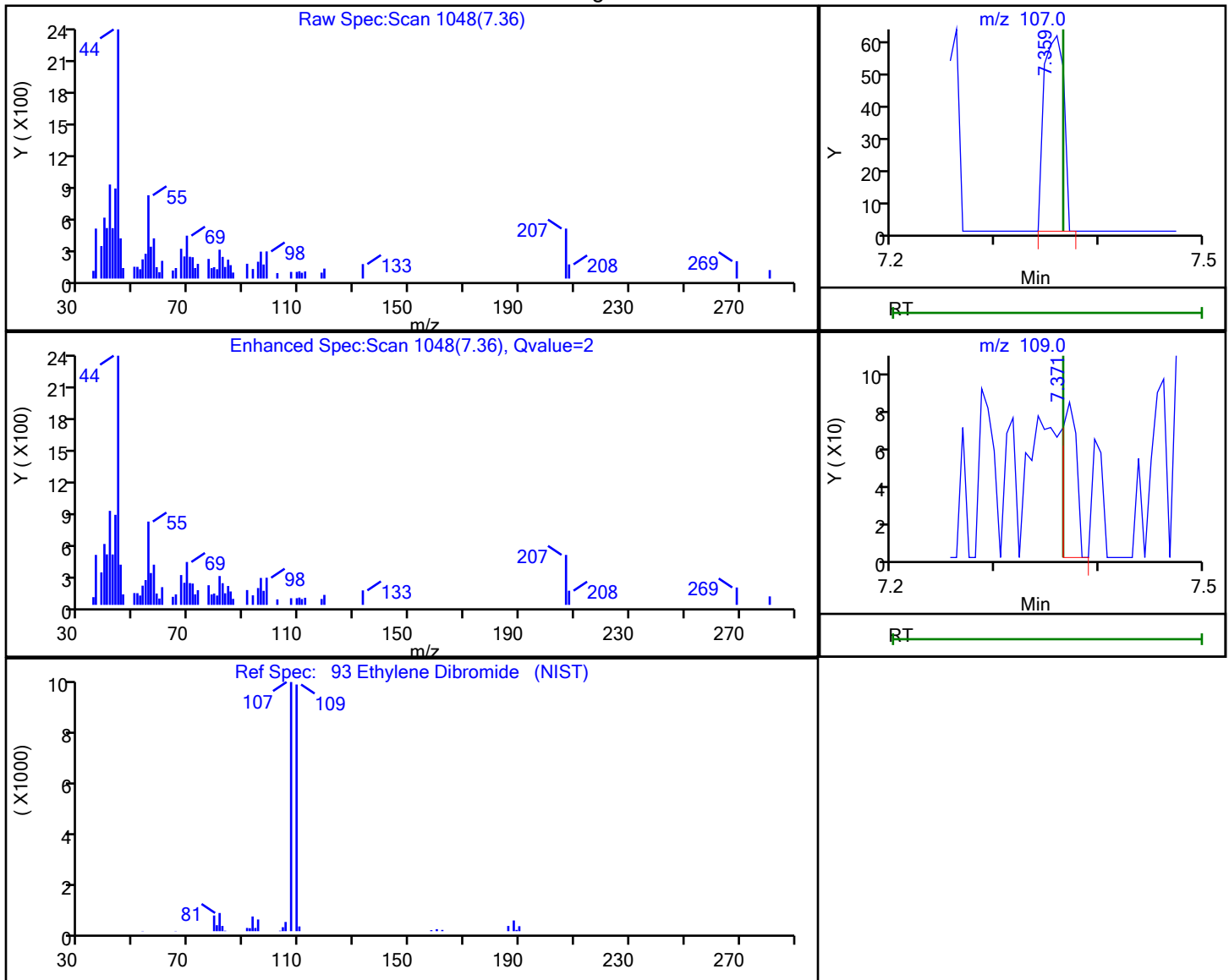
Column: DB-624 (0.18 mm)

Detector

MS Quad

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.36	107.00	83	0.033891
7.37	109.00	77	

Reviewer: desais, 13-Nov-2020 04:55:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

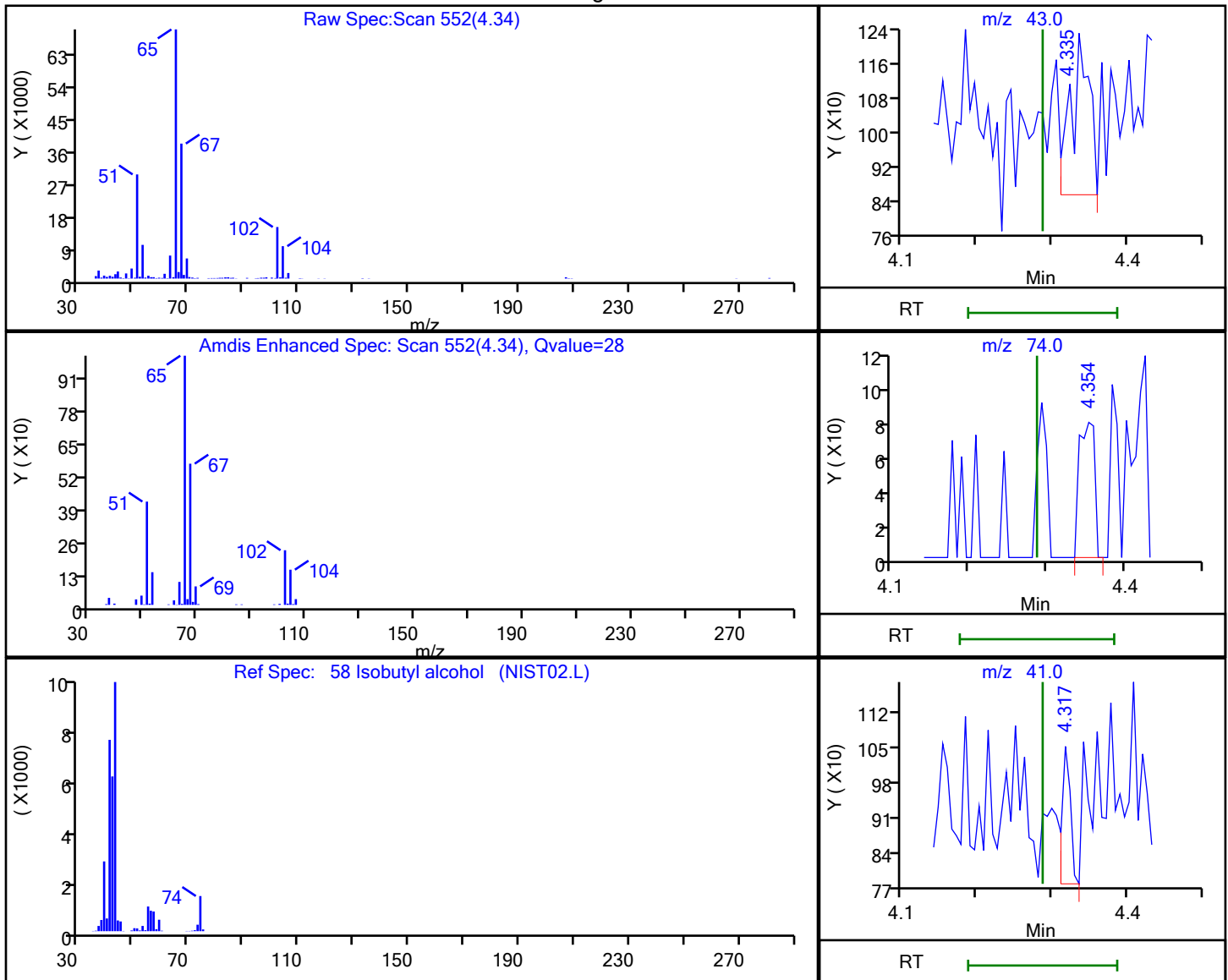
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.34	43.00	638	2.517308
4.35	74.00	103	
4.32	41.00	210	

Reviewer: desais, 13-Nov-2020 04:55:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

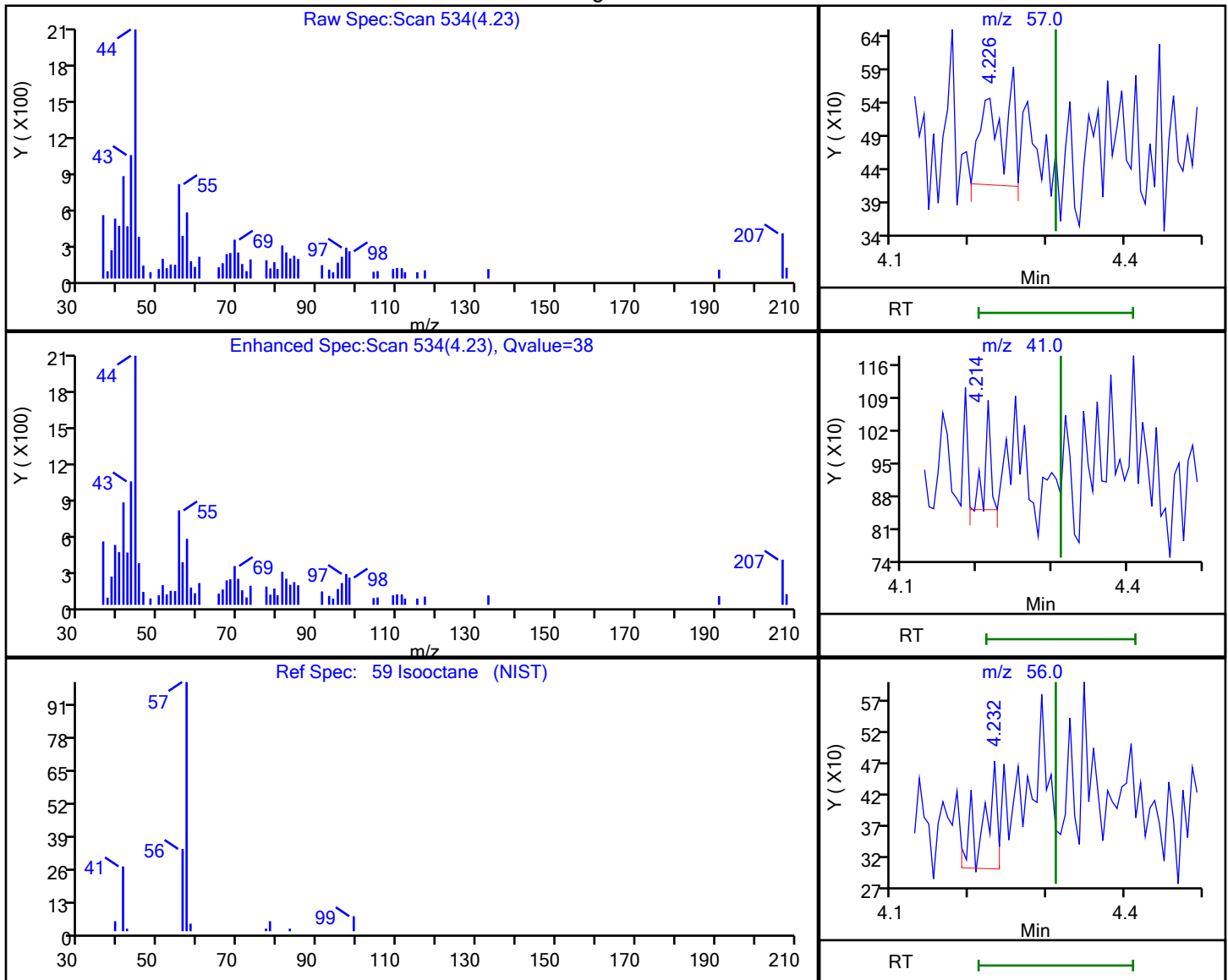
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.23	57.00	322	0.024325
4.21	41.00	125	
4.23	56.00	217	

Reviewer: desais, 13-Nov-2020 04:55:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

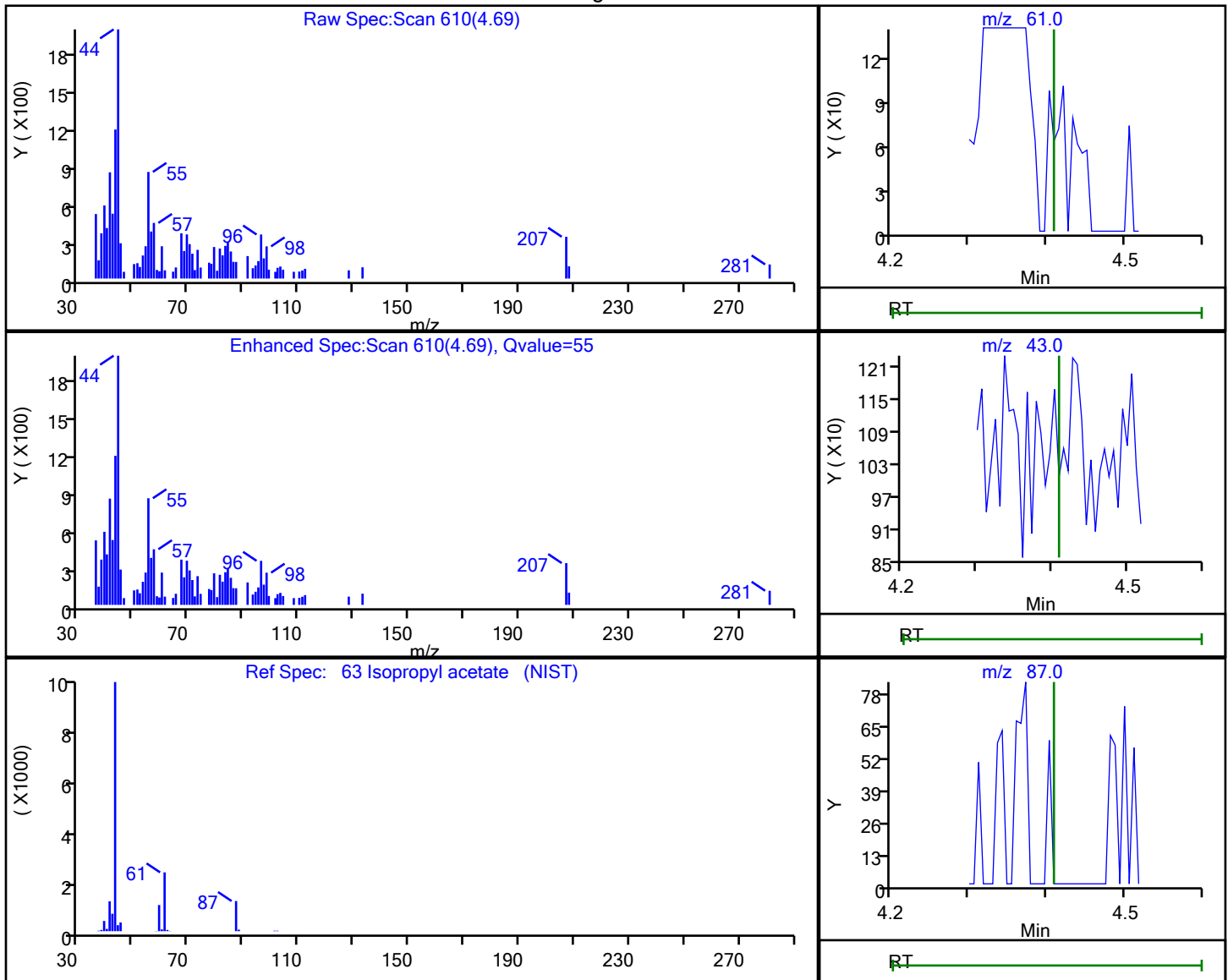
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.69	61.00	111	0.063039
4.67	43.00	535	
4.69	87.00	135	

Reviewer: desais, 13-Nov-2020 04:55:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

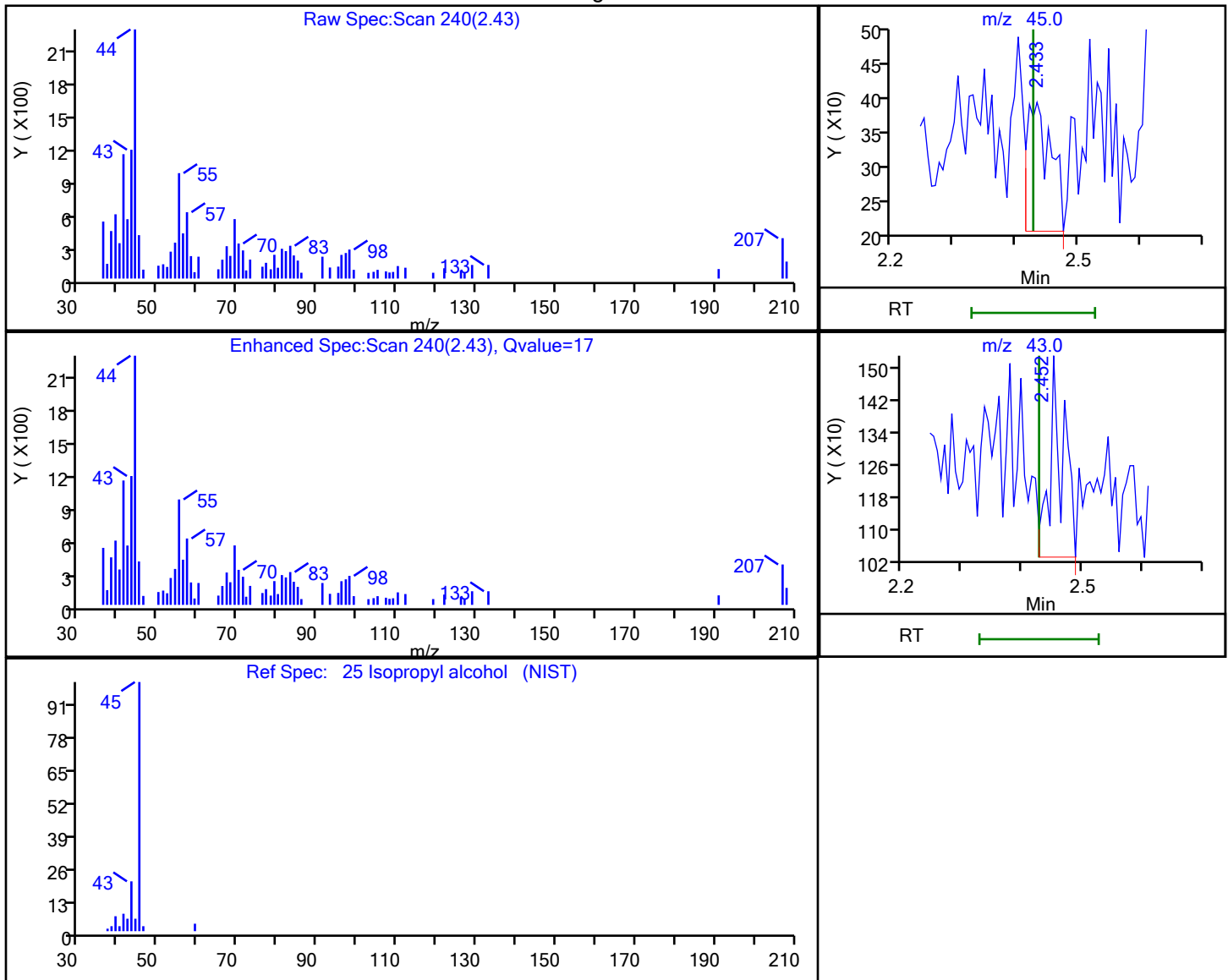
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.43	45.00	505	2.058684
2.45	43.00	793	

Reviewer: desais, 13-Nov-2020 04:53:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

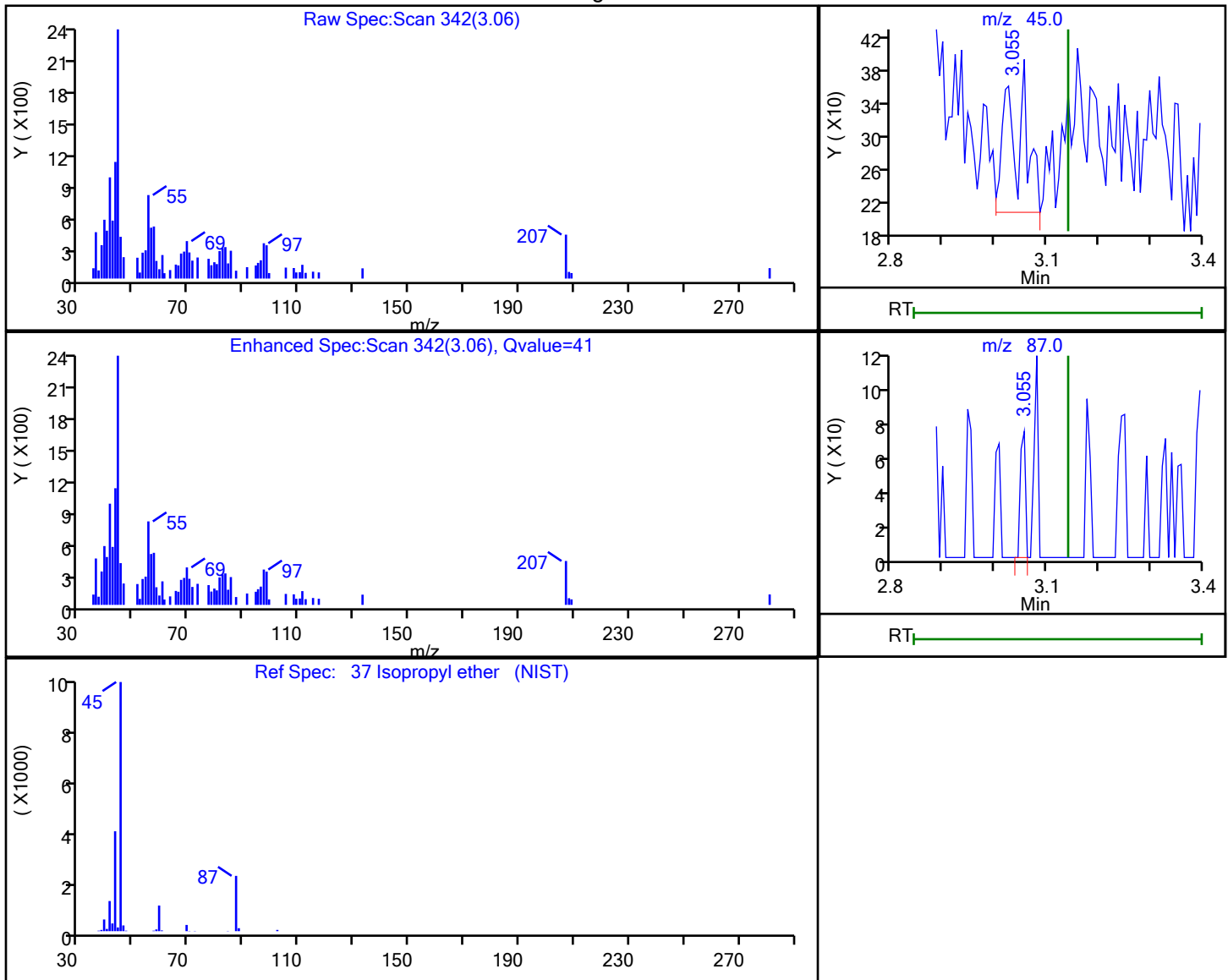
Column: DB-624 (0.18 mm)

Detector

MS Quad

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.06	45.00	416	0.035093
3.06	87.00	50	

Reviewer: desais, 13-Nov-2020 04:55:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

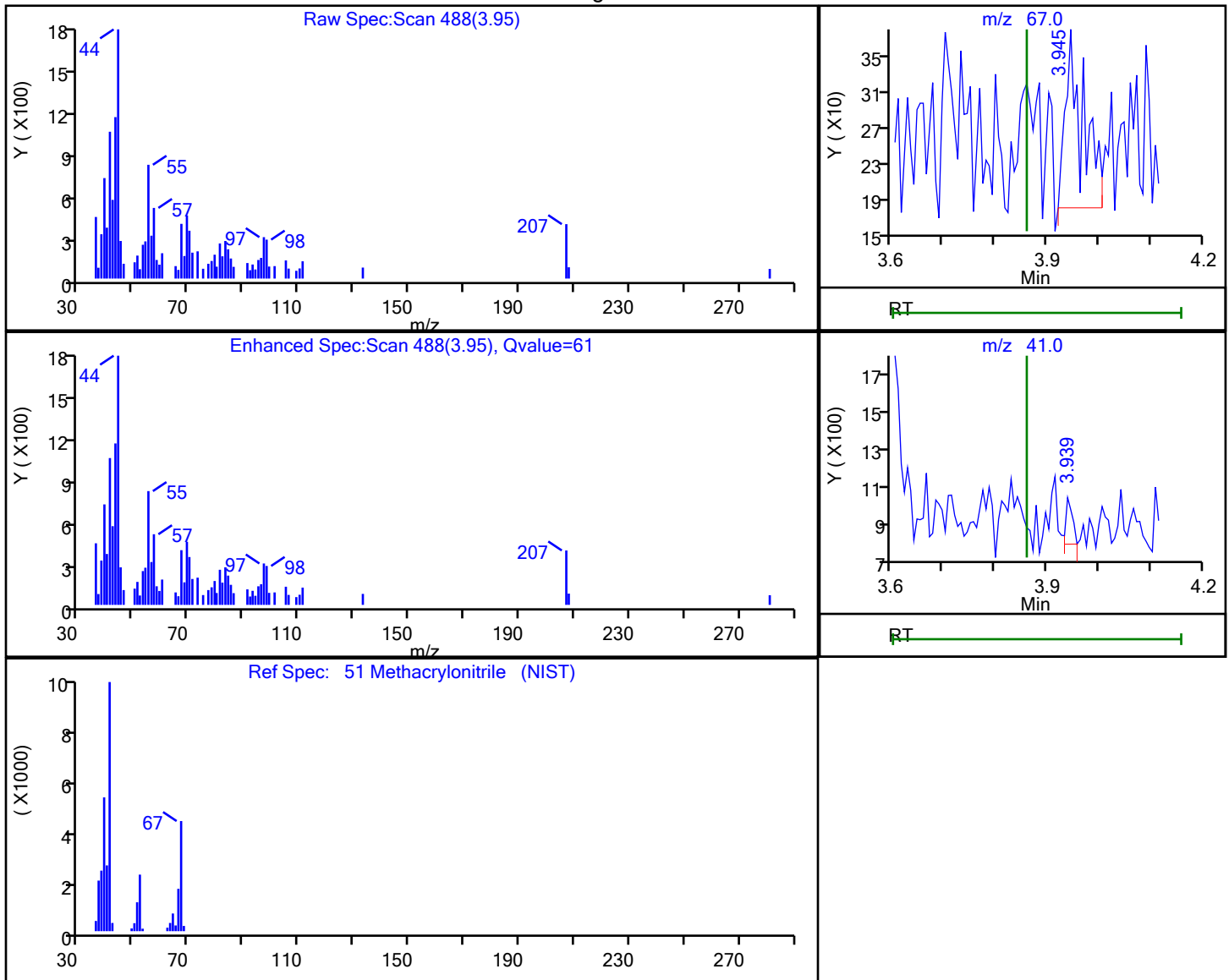
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.95	67.00	458	0.346842
3.94	41.00	207	

Reviewer: desais, 13-Nov-2020 04:55:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

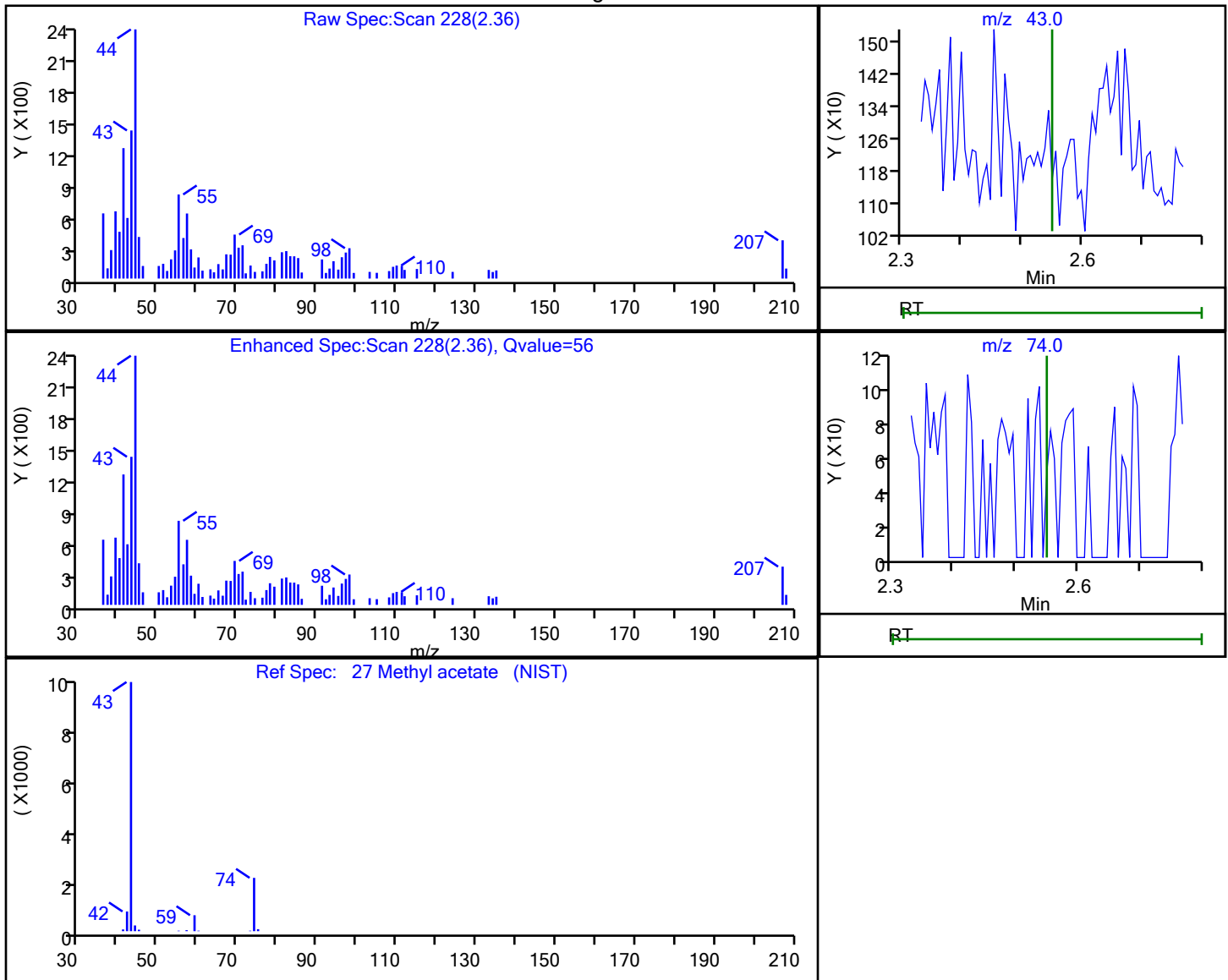
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.36	43.00	806	0.315313
2.35	74.00	313	

Reviewer: desais, 13-Nov-2020 04:53:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

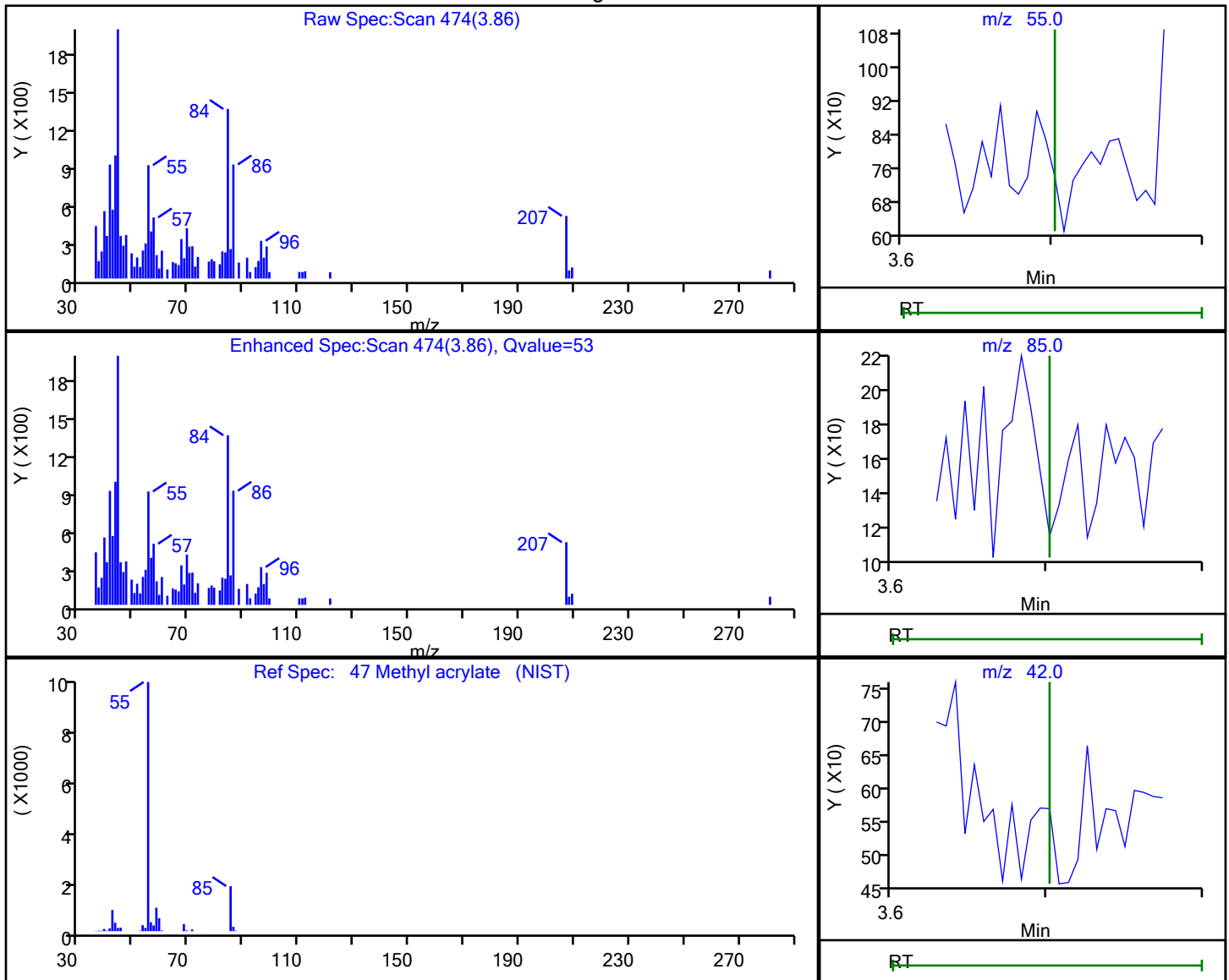
Column: DB-624 (0.18 mm)

Detector

MS Quad

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.86	55.00	289	0.100601
3.86	85.00	80	
3.85	42.00	93	

Reviewer: desais, 13-Nov-2020 04:55:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

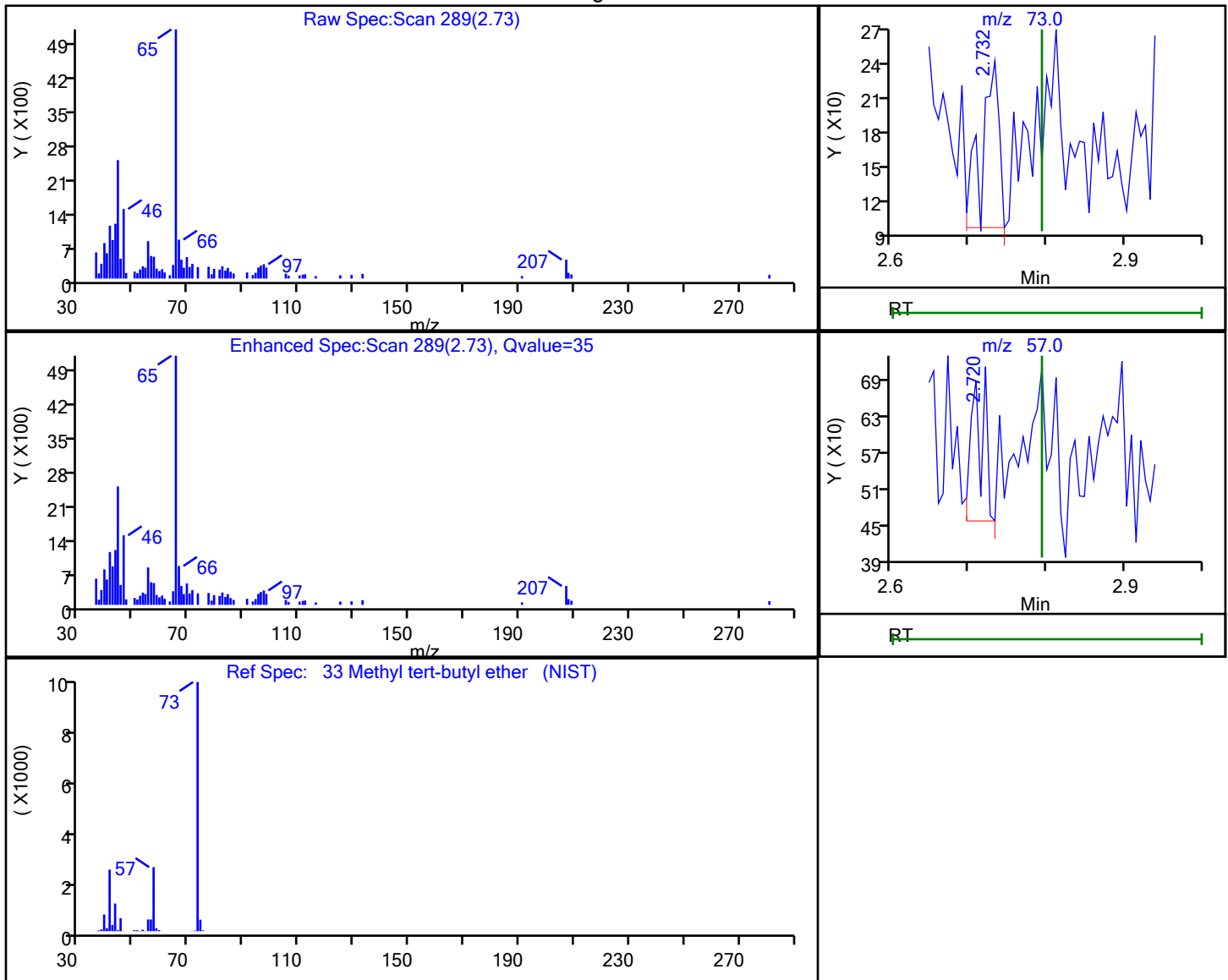
Column: DB-624 (0.18 mm)

Detector

MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.73	73.00	213	0.024409
2.72	57.00	271	

Reviewer: desais, 13-Nov-2020 04:55:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

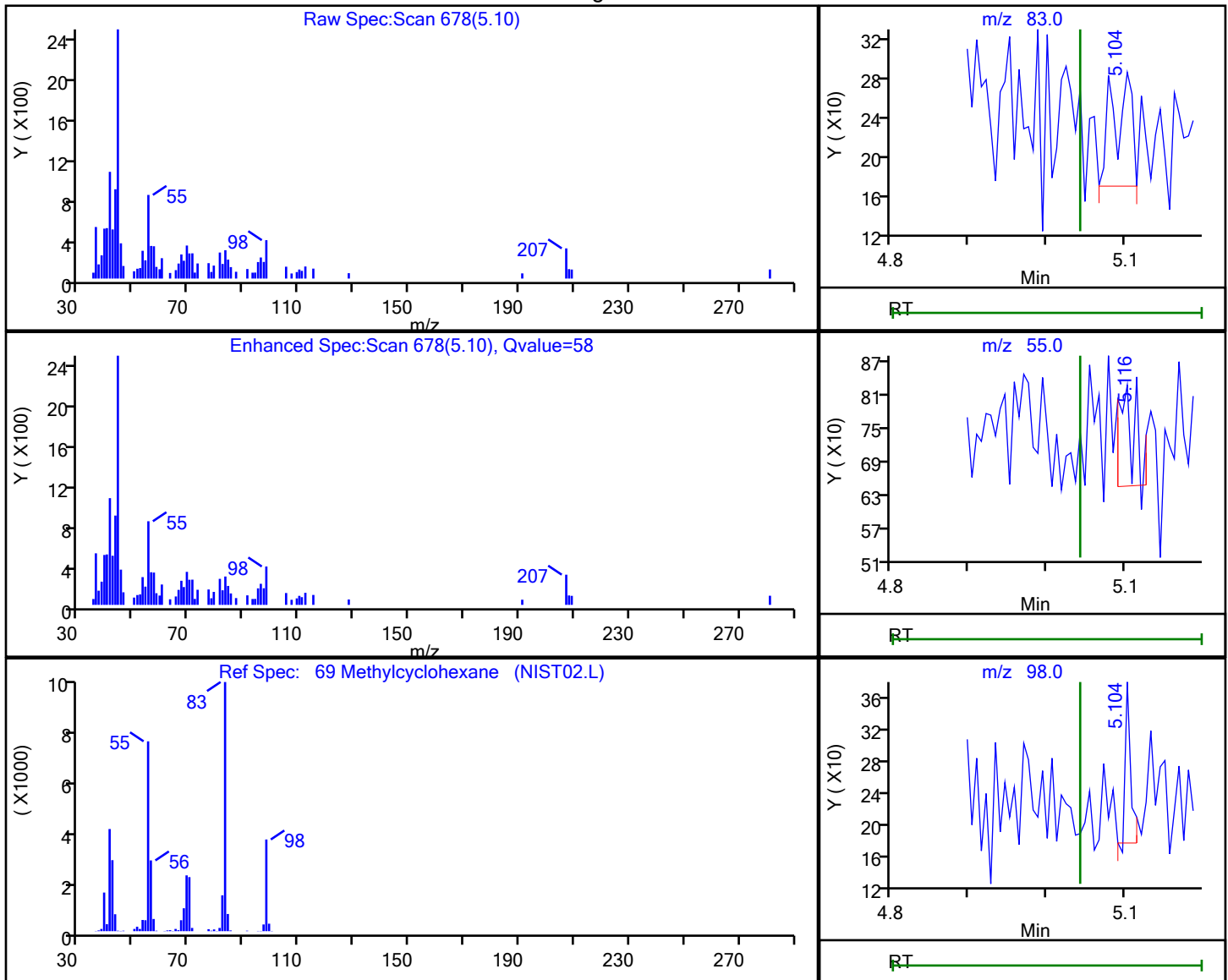
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.10	83.00	184	0.031283
5.12	55.00	267	
5.10	98.00	99	

Reviewer: desais, 13-Nov-2020 04:55:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

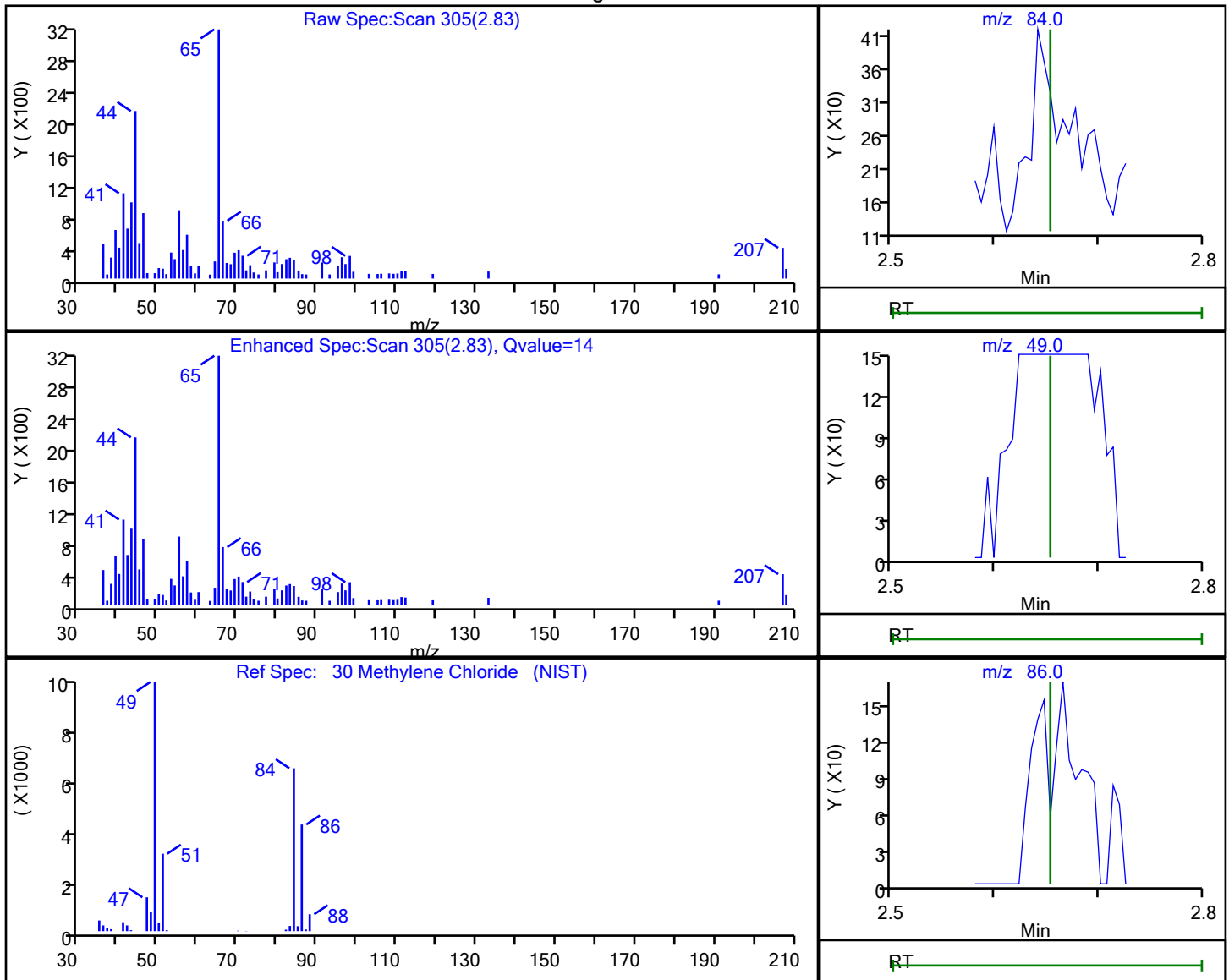
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.83	84.00	48	0.012233
2.82	49.00	97	
2.84	86.00	76	

Reviewer: desais, 13-Nov-2020 04:55:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

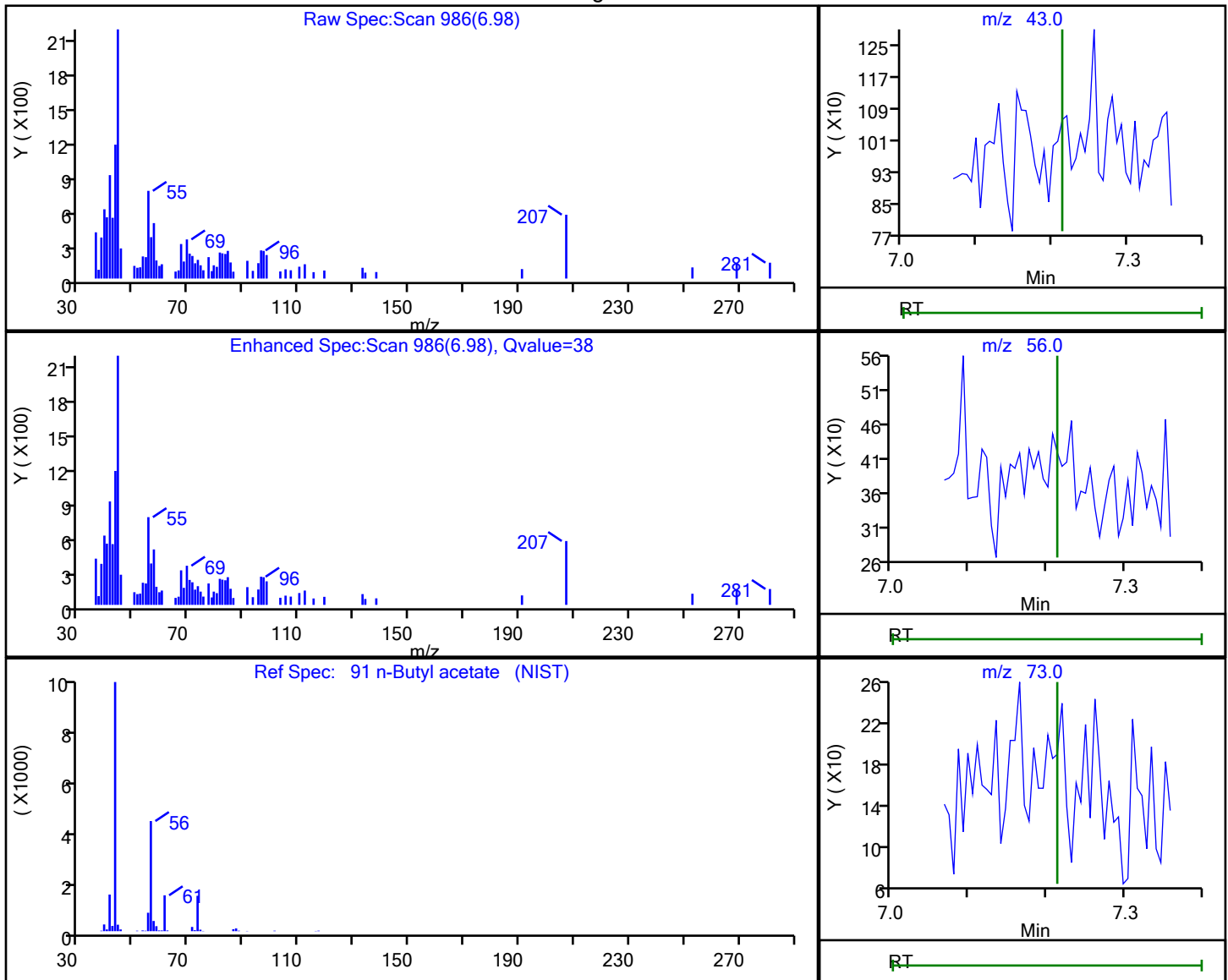
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.98	43.00	485	0.102224
6.97	56.00	223	
6.99	73.00	88	

Reviewer: desais, 13-Nov-2020 04:55:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

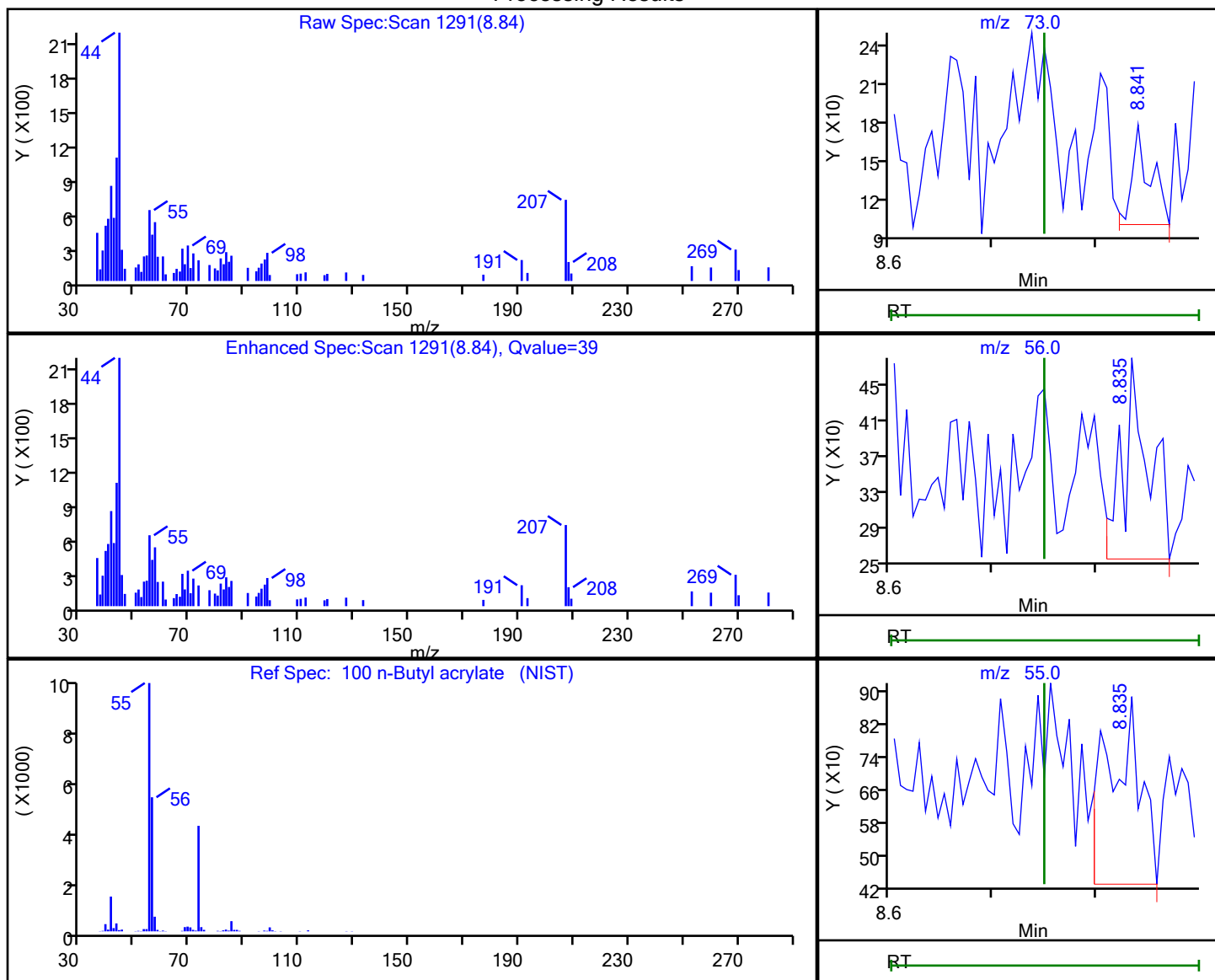
Column: DB-624 (0.18 mm)

Detector

MS Quad

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.84	73.00	93	0.040331
8.83	56.00	388	
8.83	55.00	998	

Reviewer: desais, 13-Nov-2020 04:55:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

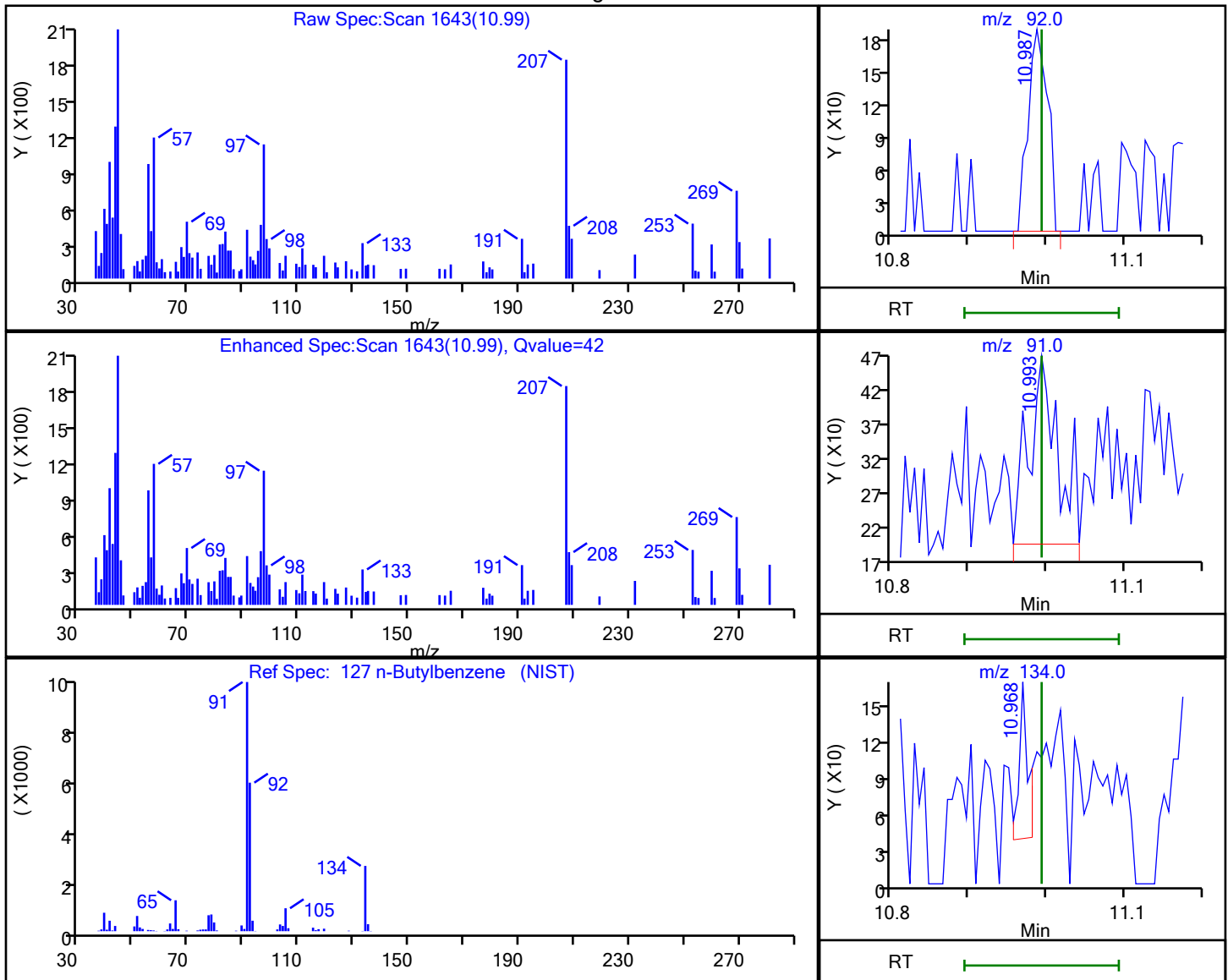
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.99	92.00	319	0.043573
10.99	91.00	683	
10.97	134.00	103	

Reviewer: desais, 13-Nov-2020 04:55:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

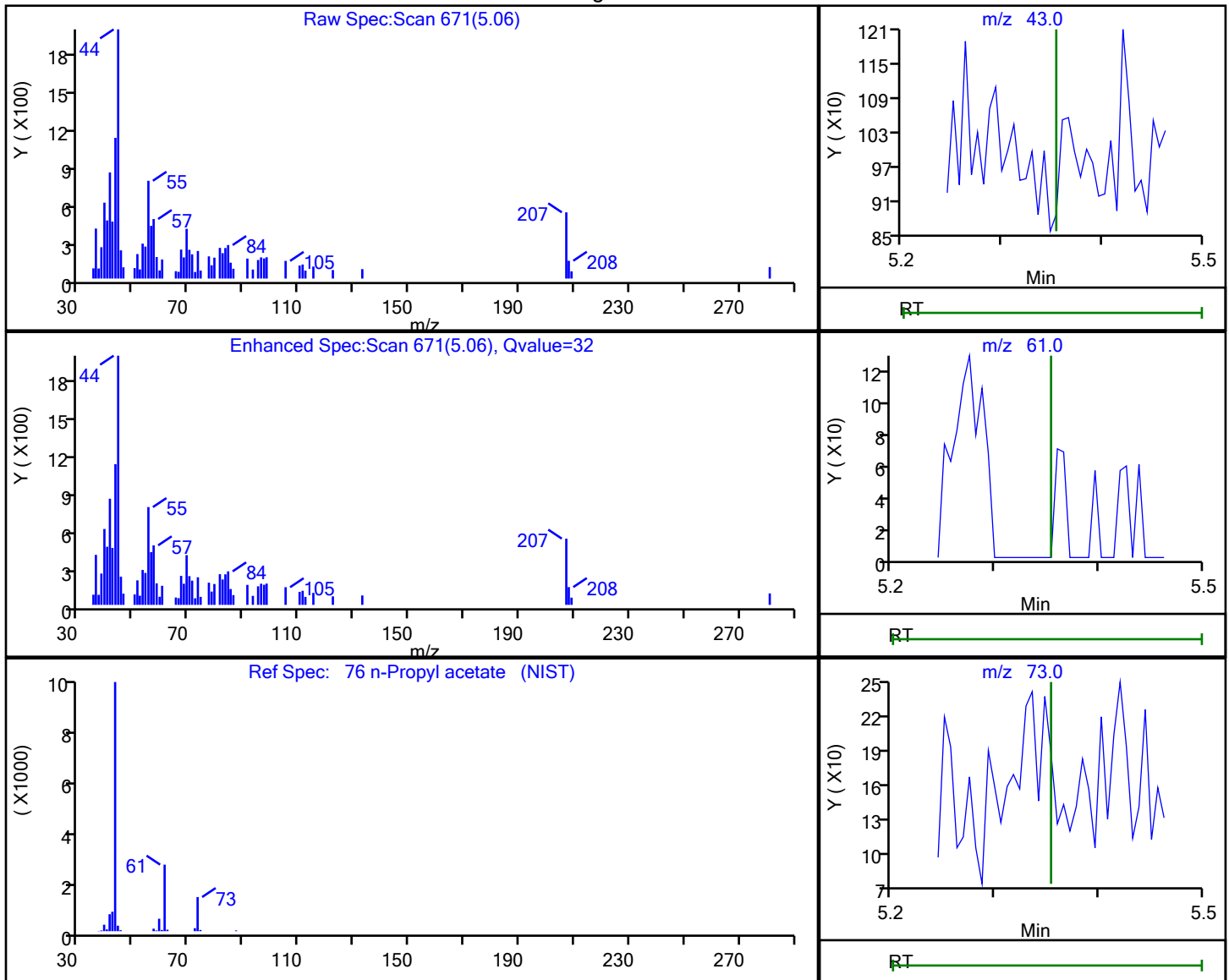
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.06	43.00	427	0.089807
5.07	61.00	34	
5.06	73.00	74	

Reviewer: desais, 13-Nov-2020 04:55:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

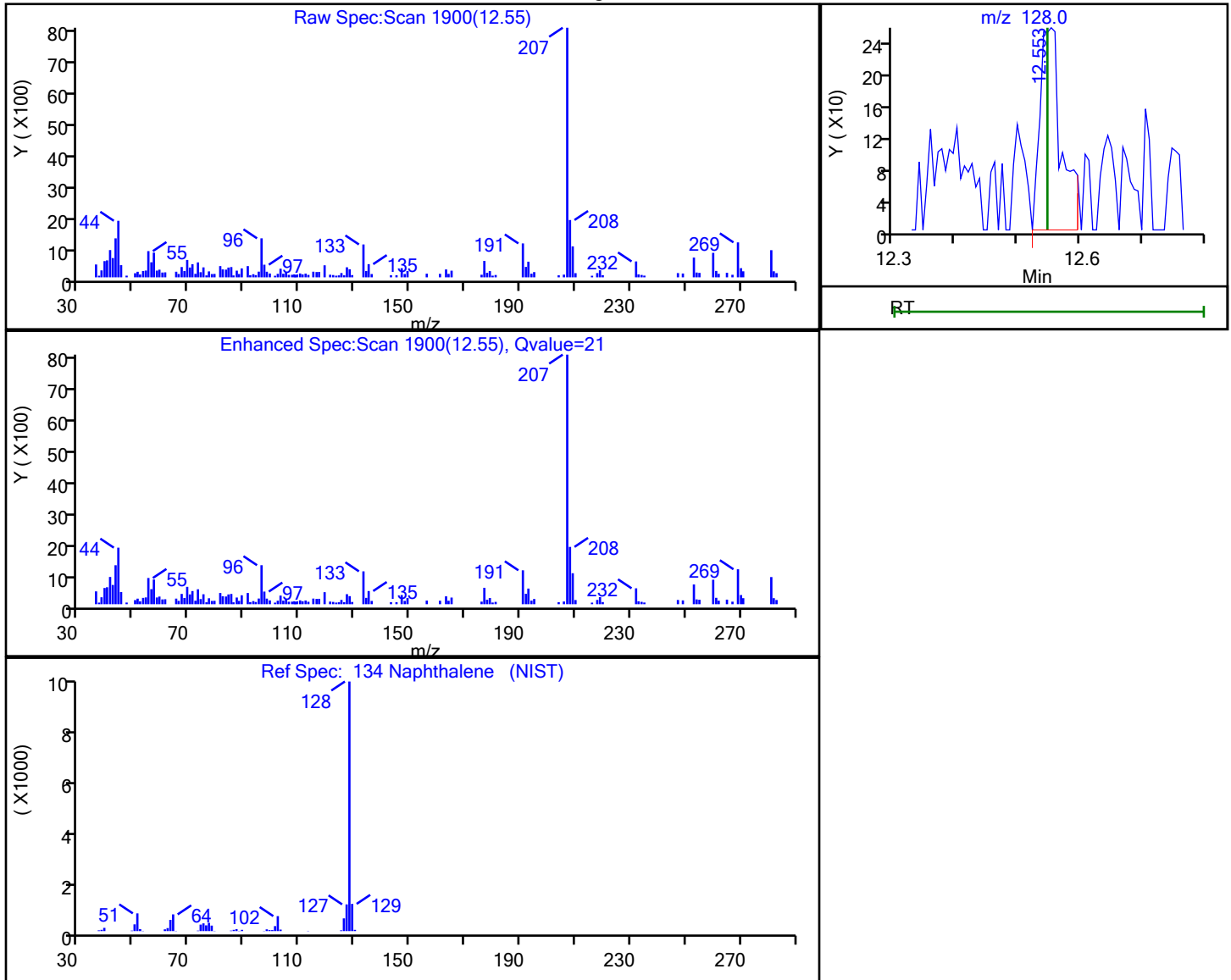
Column: DB-624 (0.18 mm)

Detector

MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.55	128.00	628	0.049821

Reviewer: desais, 13-Nov-2020 04:56:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

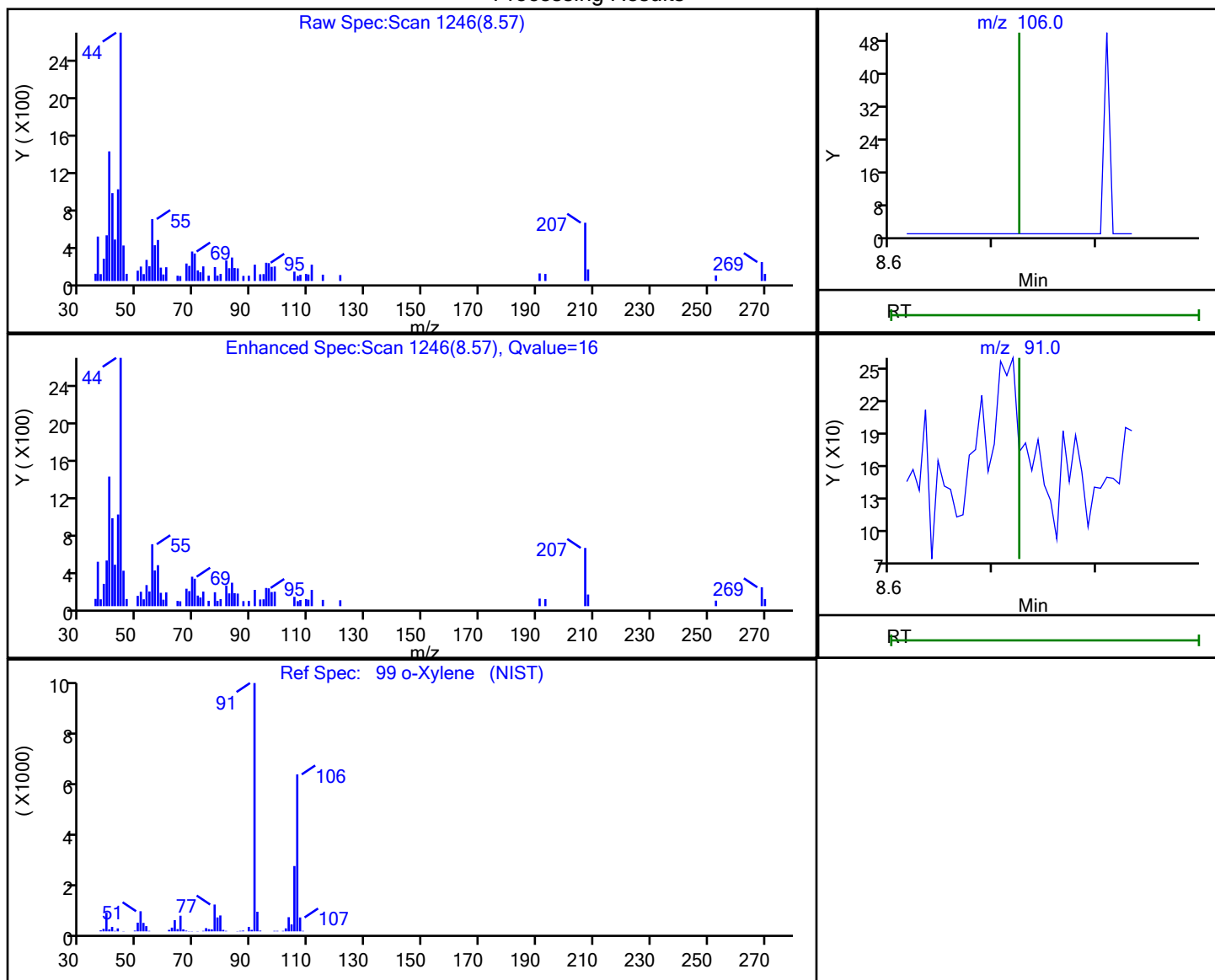
Column: DB-624 (0.18 mm)

Detector

MS Quad

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.57	106.00	38	0.007892
8.57	91.00	59	

Reviewer: desais, 13-Nov-2020 04:55:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

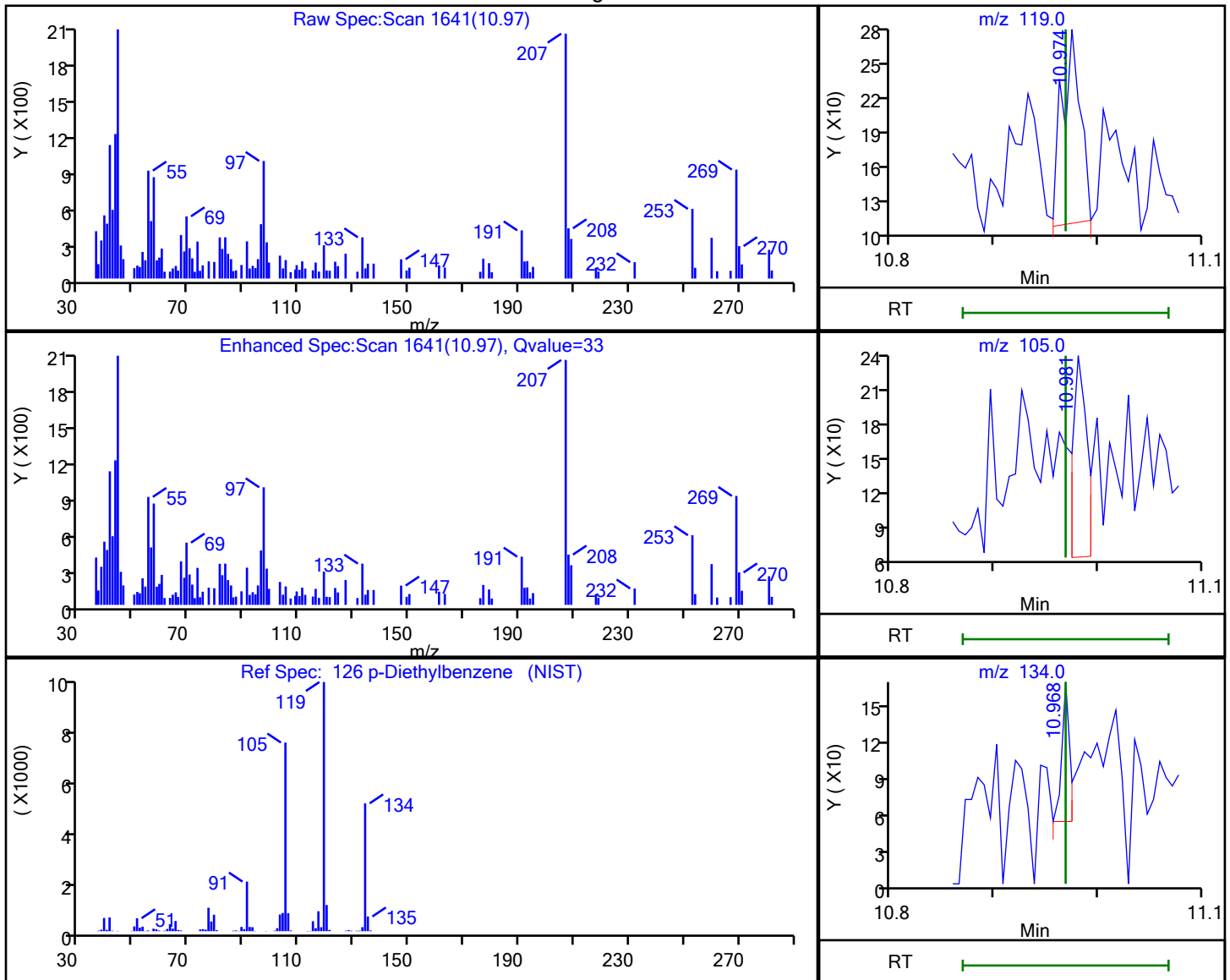
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.97	119.00	197	0.028773
10.98	105.00	163	
10.97	134.00	61	

Reviewer: desais, 13-Nov-2020 04:55:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

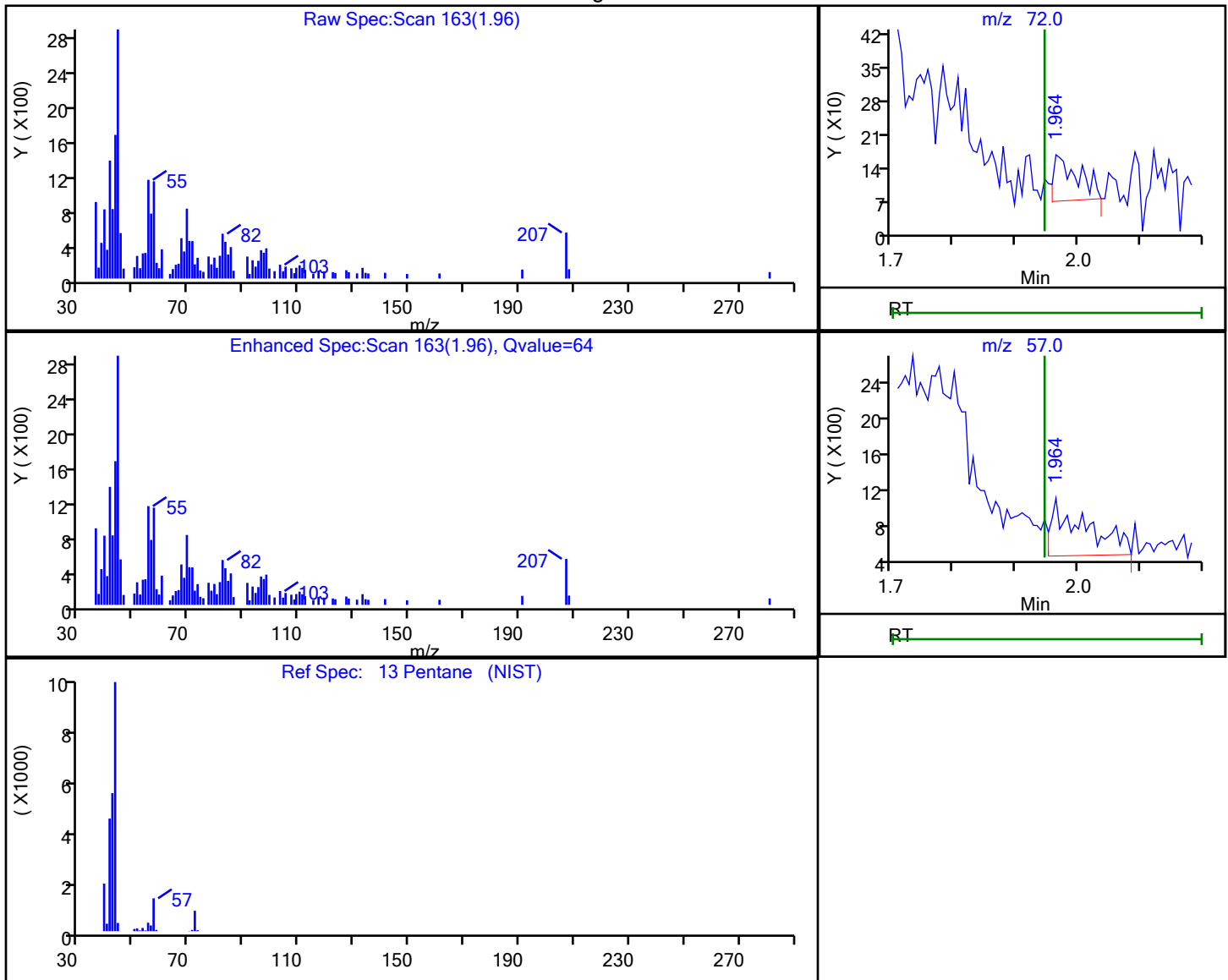
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.96	72.00	261	0.413733
1.96	57.00	2317	

Reviewer: desais, 13-Nov-2020 04:53:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

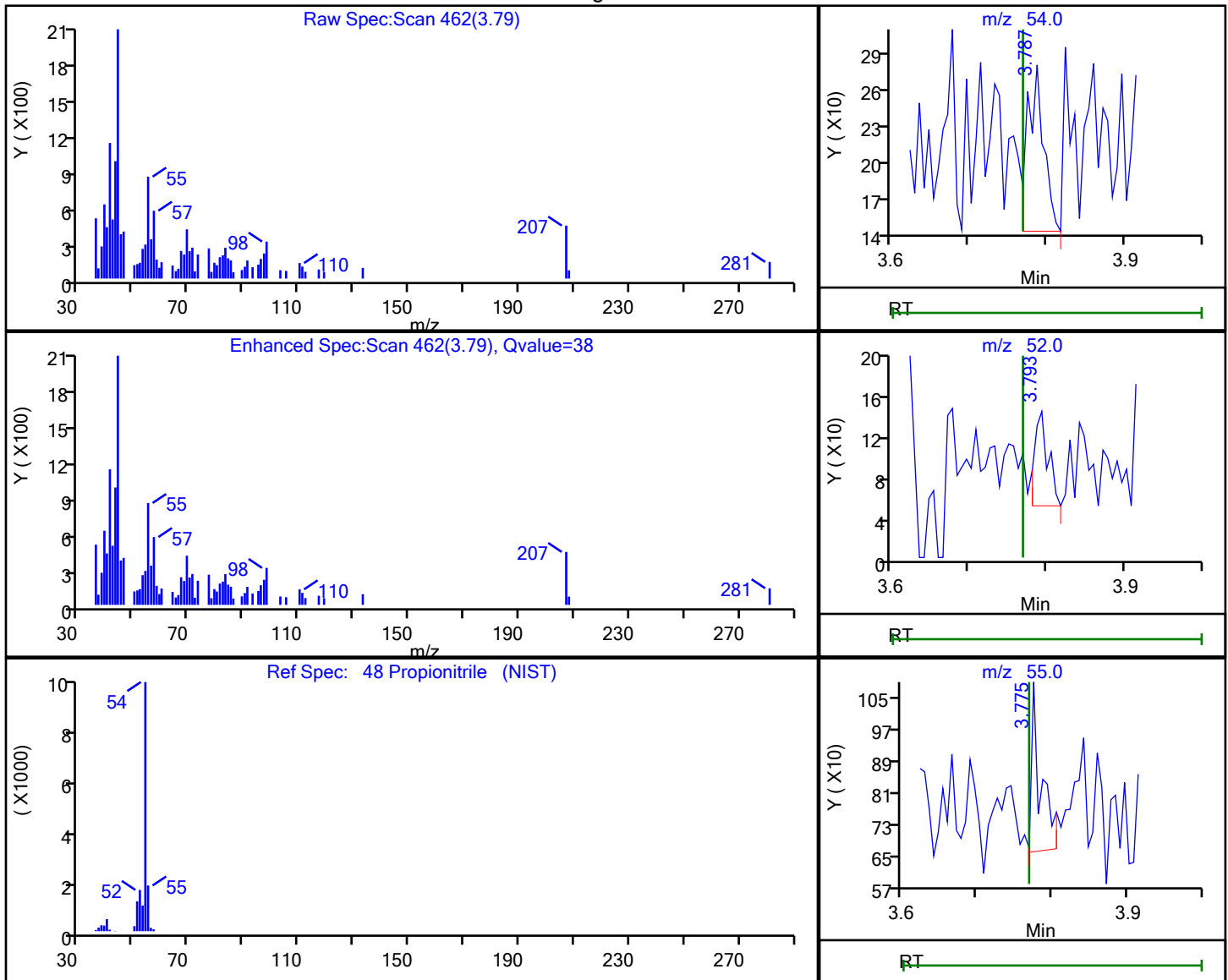
Column: DB-624 (0.18 mm)

Detector

MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.79	54.00	188	0.382531
3.79	52.00	113	
3.77	55.00	374	

Reviewer: desais, 13-Nov-2020 04:55:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

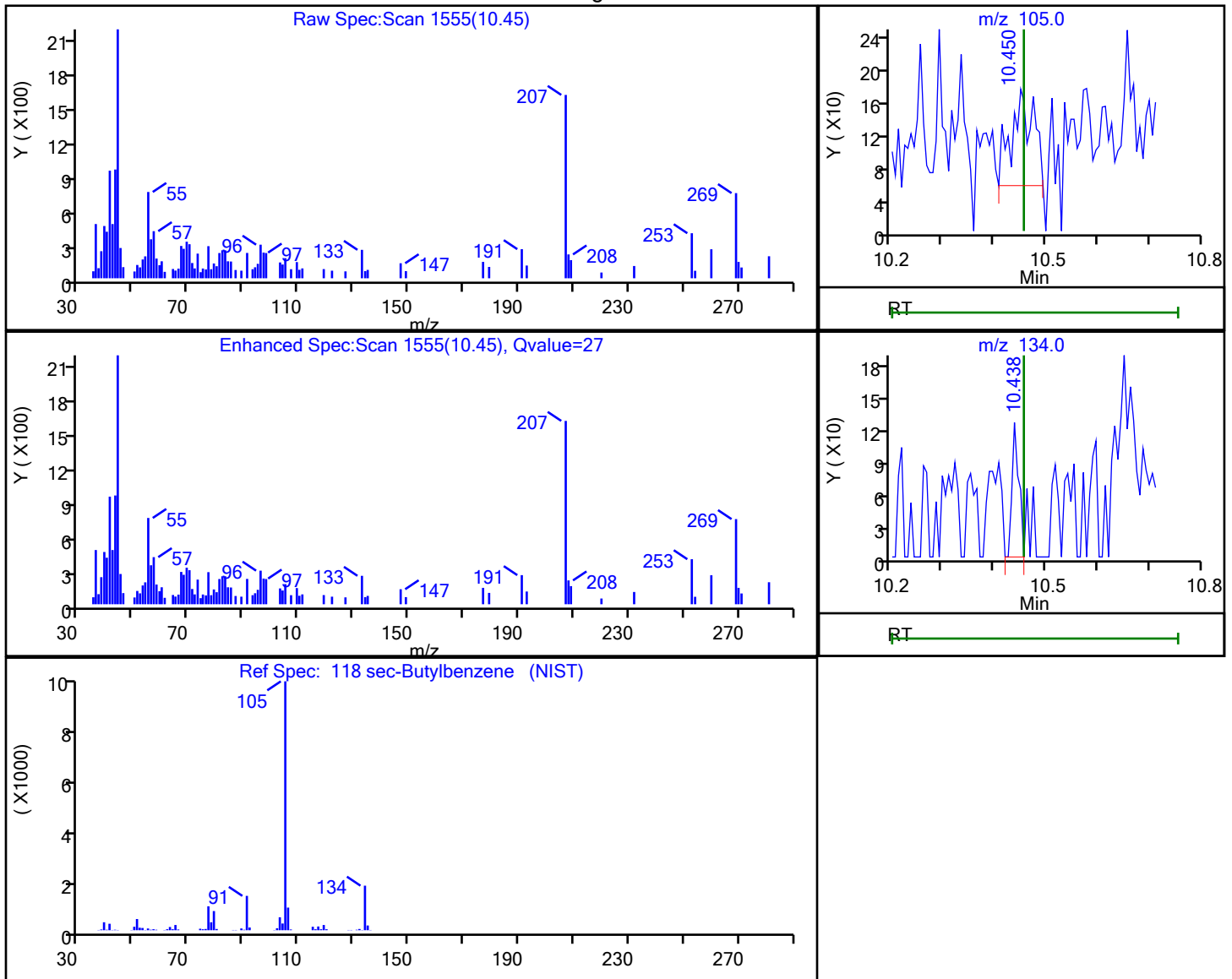
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.45	105.00	352	0.022723
10.44	134.00	114	

Reviewer: desais, 13-Nov-2020 04:55:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

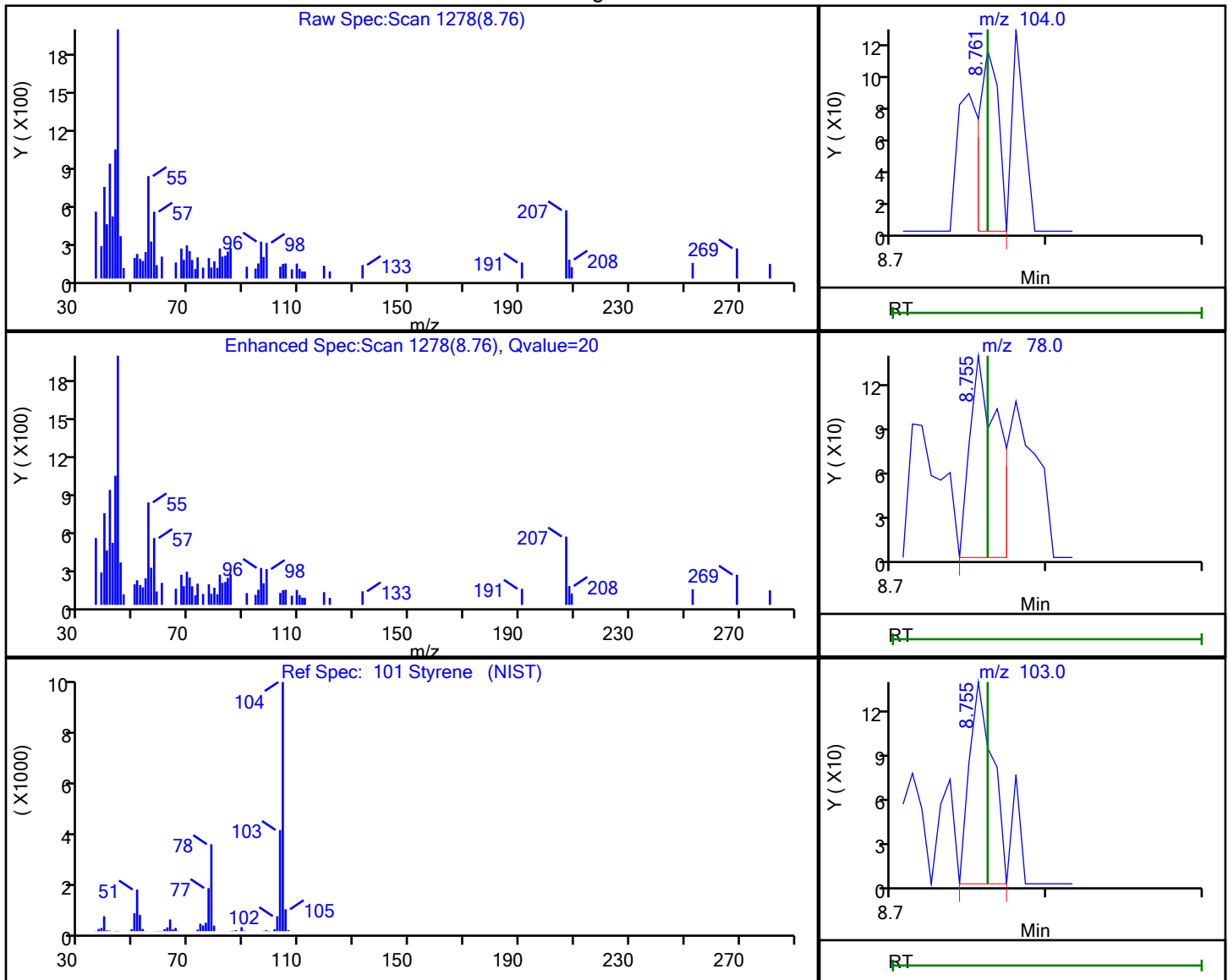
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.76	104.00	100	0.013261
8.76	78.00	169	
8.76	103.00	143	

Reviewer: desais, 13-Nov-2020 04:55:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

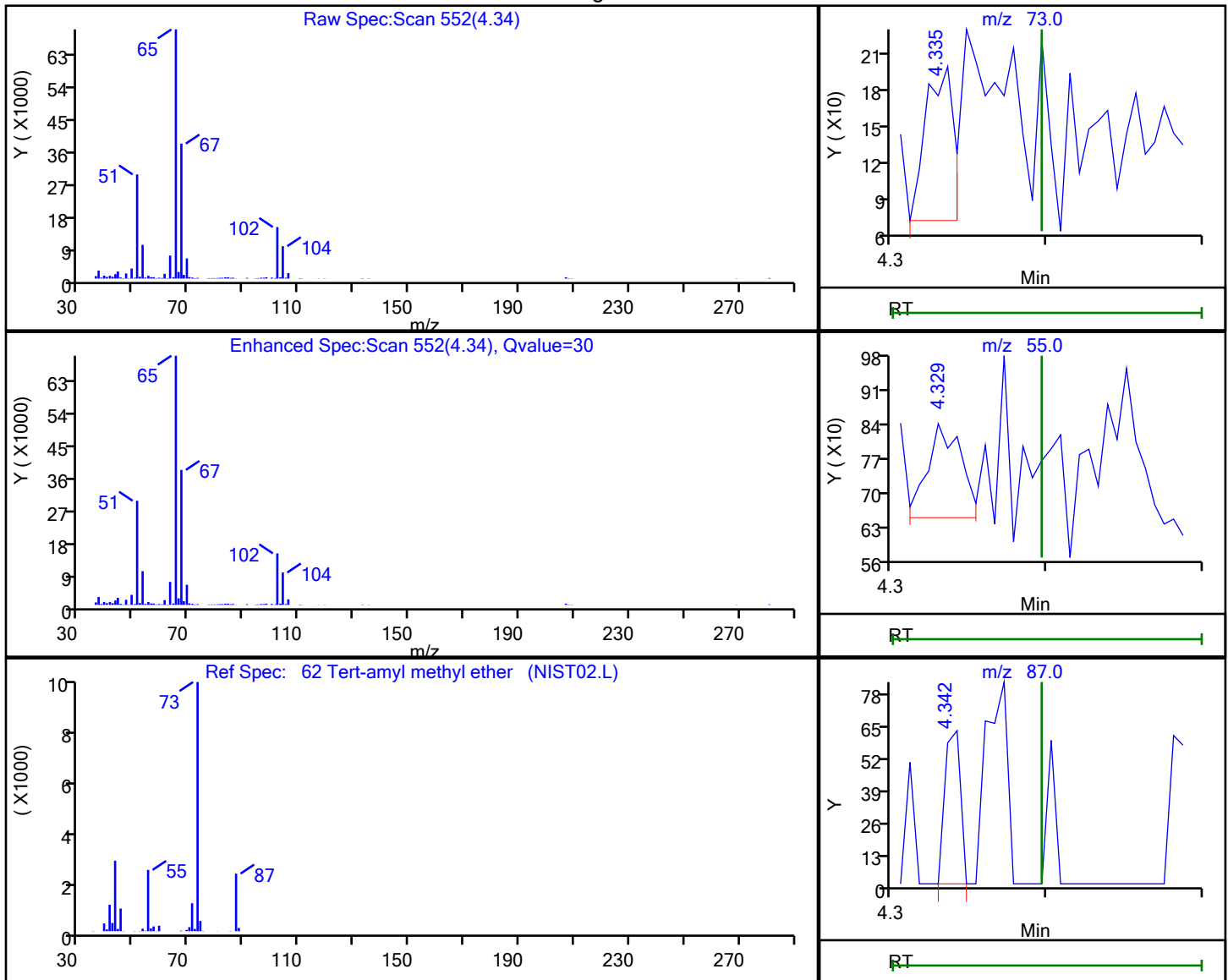
Column: DB-624 (0.18 mm)

Detector

MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.34	73.00	147	0.013716
4.33	55.00	292	
4.34	87.00	44	

Reviewer: desais, 13-Nov-2020 04:55:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

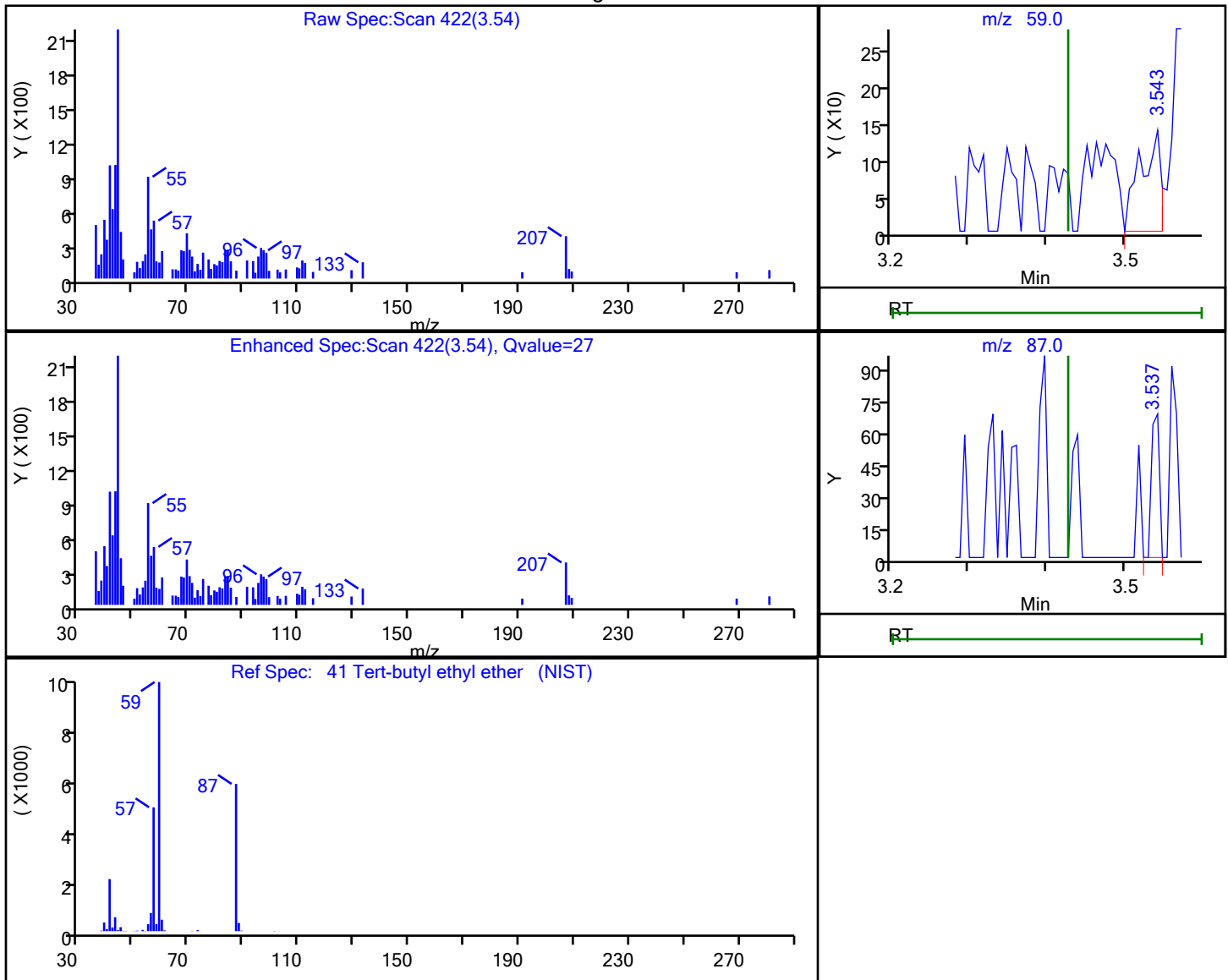
Column: DB-624 (0.18 mm)

Detector

MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.54	59.00	256	0.025139
3.54	87.00	49	

Reviewer: desais, 13-Nov-2020 04:55:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

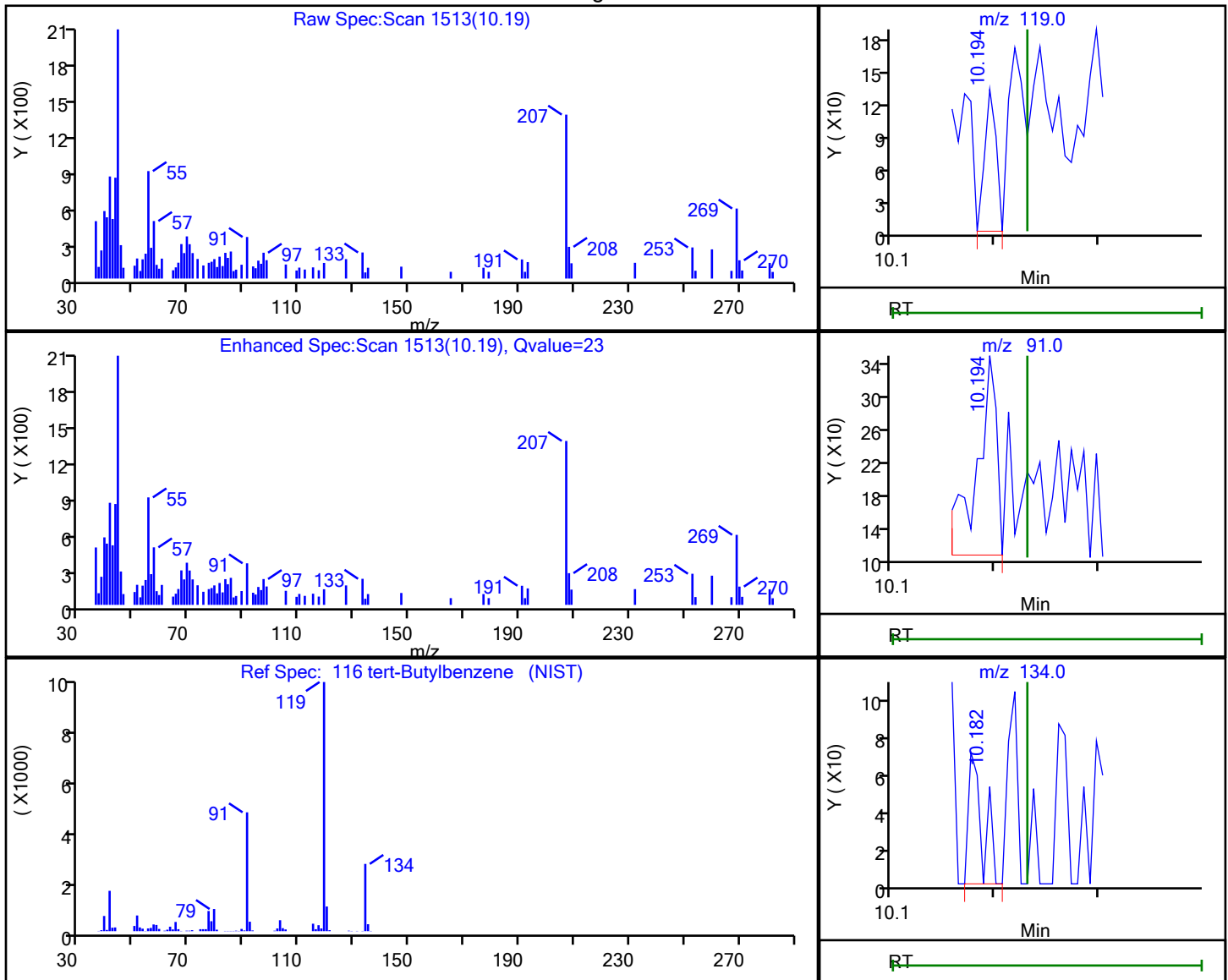
Column: DB-624 (0.18 mm)

Detector

MS Quad

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.19	119.00	101	0.010794
10.19	91.00	320	
10.18	134.00	65	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

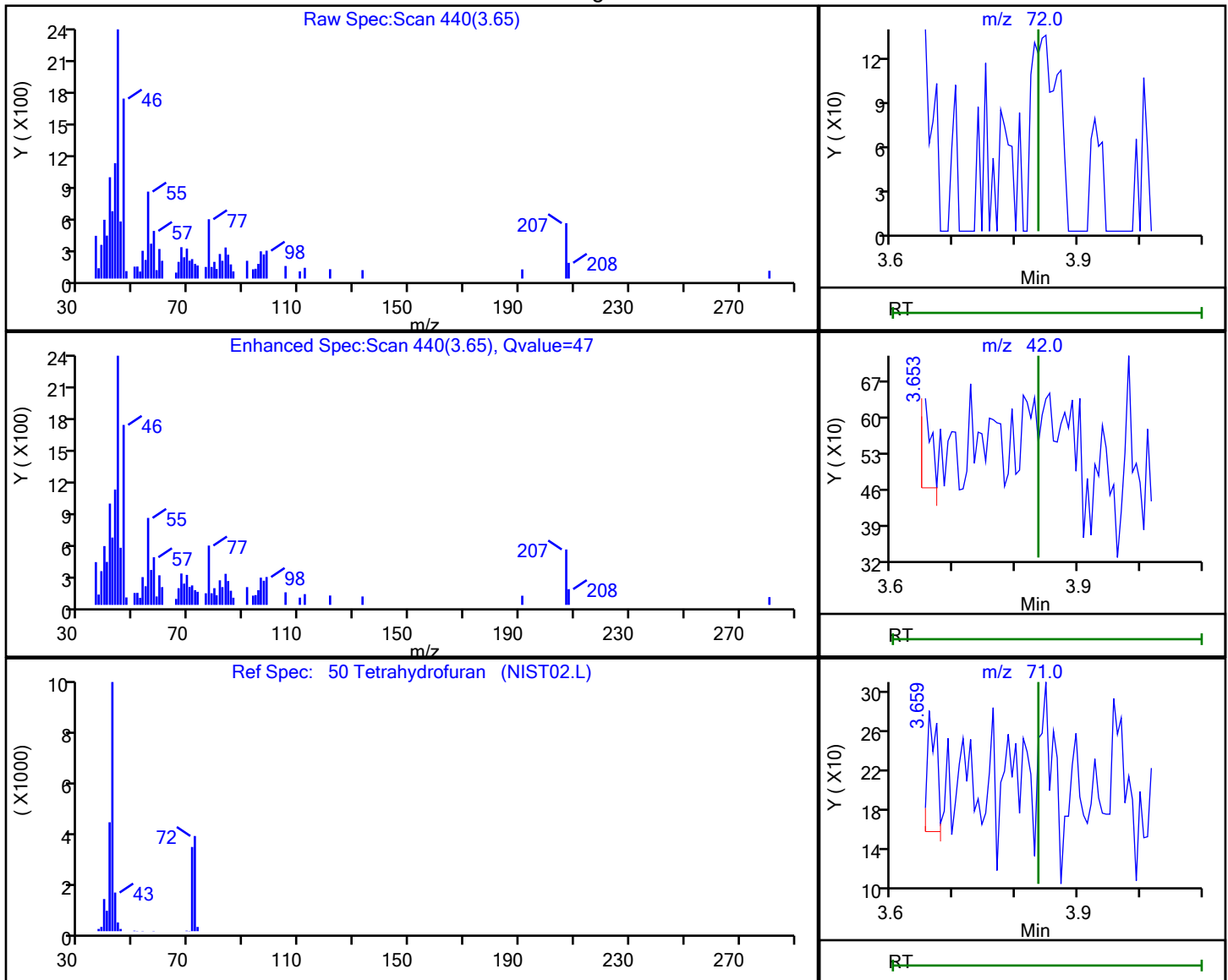
Column: DB-624 (0.18 mm)

Detector

MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.65	72.00	365	0.870641
3.65	42.00	159	
3.66	71.00	122	

Reviewer: desais, 13-Nov-2020 04:55:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

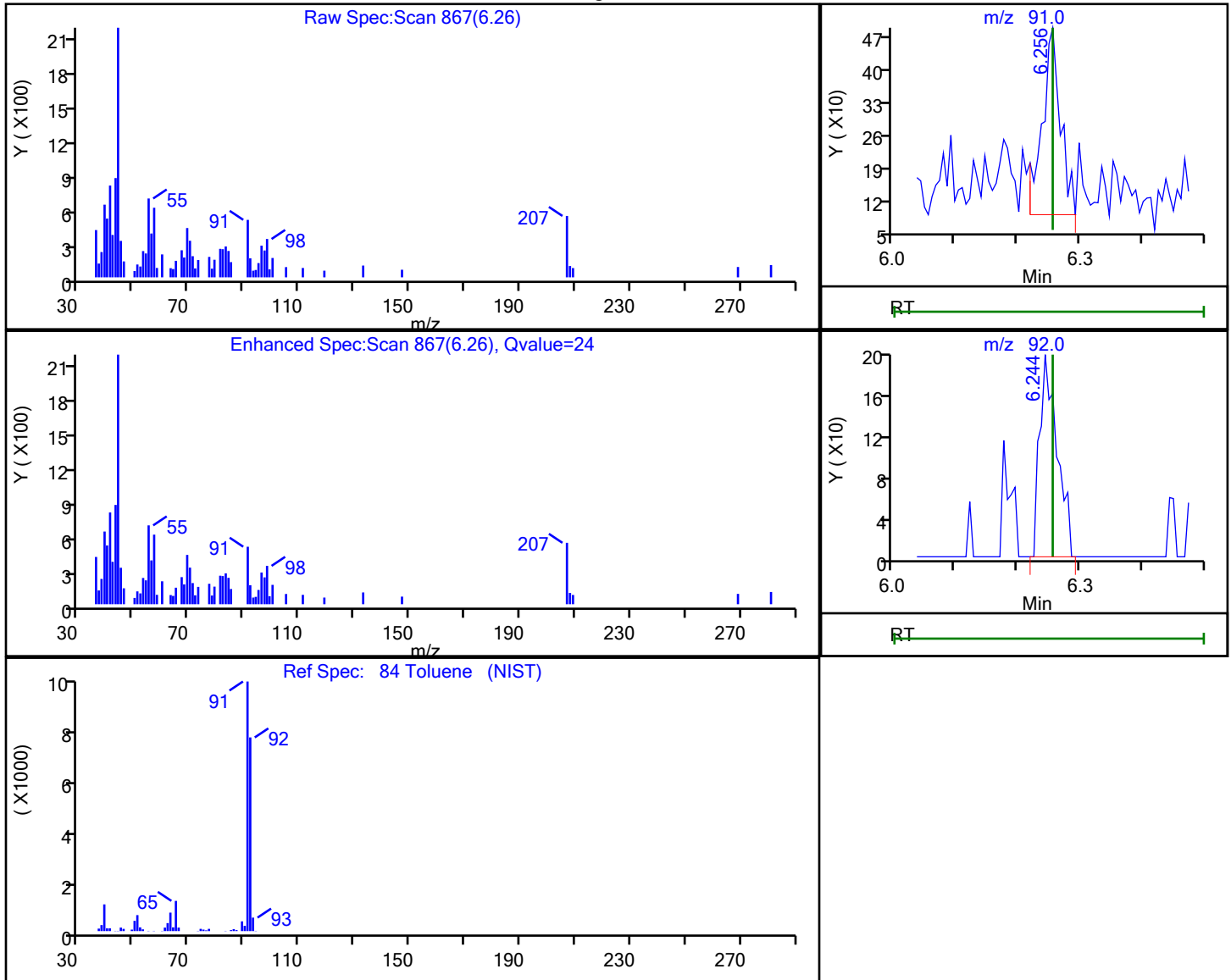
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.26	91.00	804	0.073097
6.24	92.00	387	

Reviewer: desais, 13-Nov-2020 04:55:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

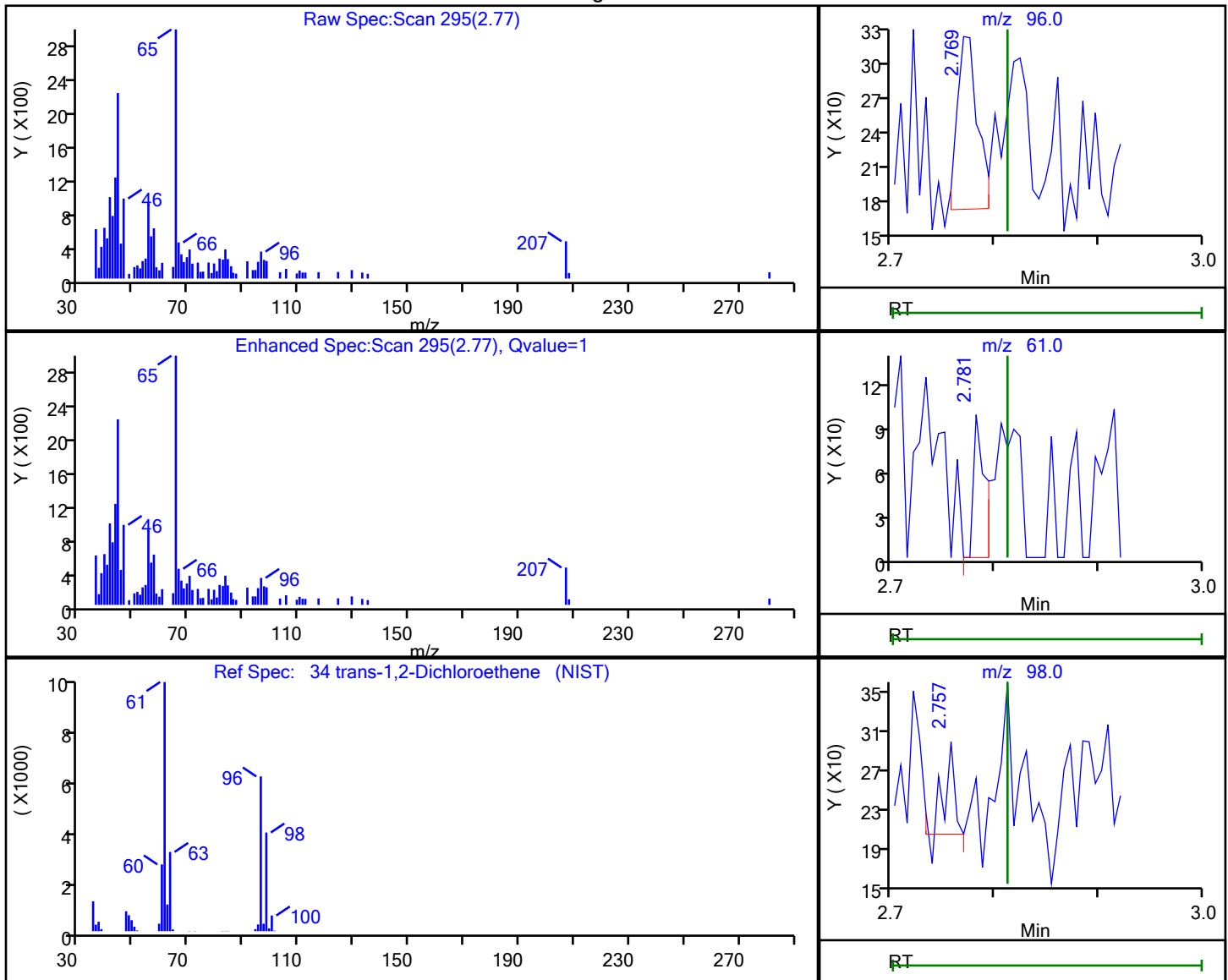
Column: DB-624 (0.18 mm)

Detector

MS Quad

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.77	96.00	201	0.061009
2.78	61.00	77	
2.76	98.00	61	

Reviewer: desais, 13-Nov-2020 04:55:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

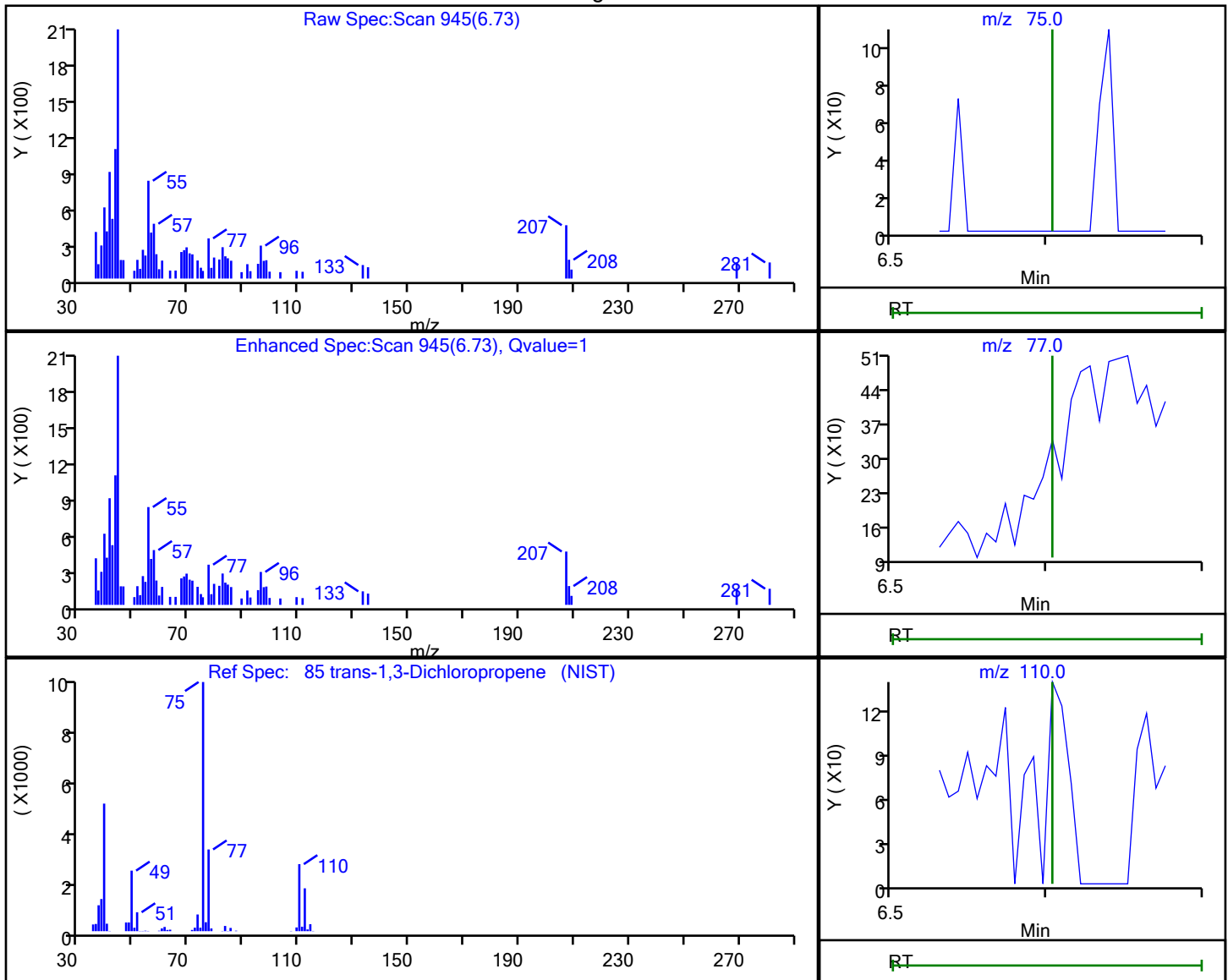
Column: DB-624 (0.18 mm)

Detector

MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.73	75.00	45	0.010711
6.73	77.00	315	
6.74	110.00	127	

Reviewer: desais, 13-Nov-2020 04:55:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

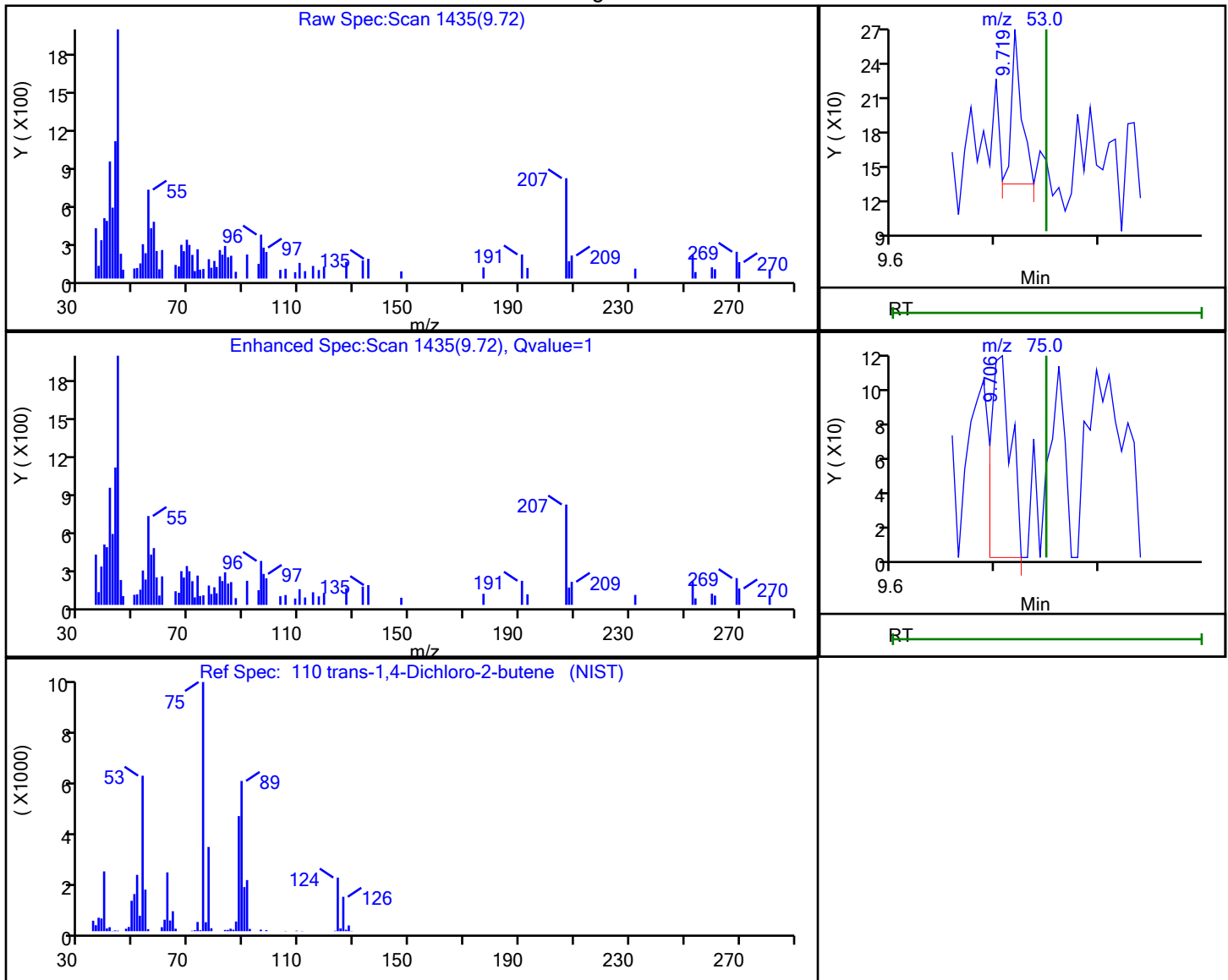
Column: DB-624 (0.18 mm)

Detector

MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.72	53.00	87	0.071532
9.71	75.00	152	

Reviewer: desais, 13-Nov-2020 04:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

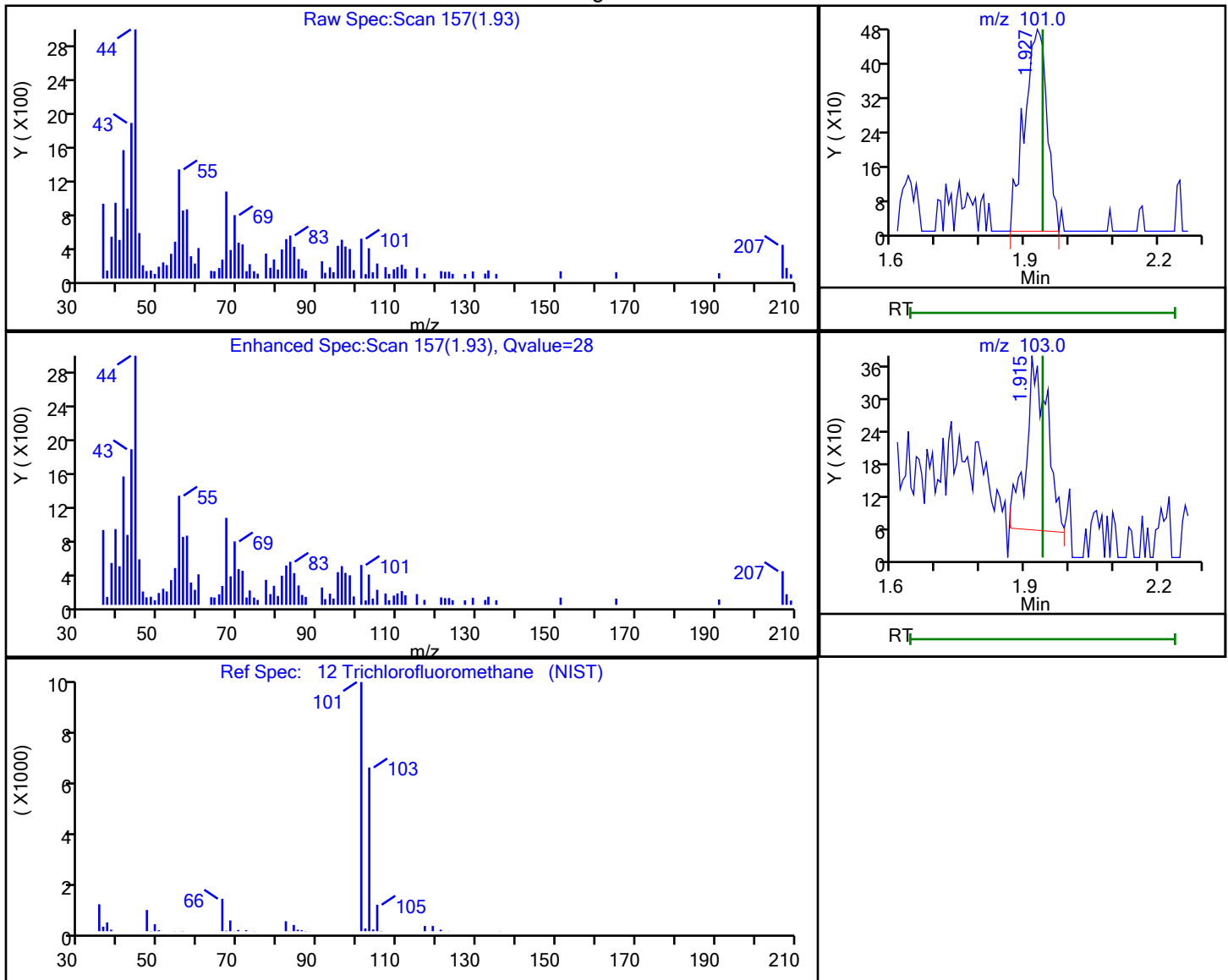
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.93	101.00	1673	0.292768
1.92	103.00	1103	

Reviewer: desais, 13-Nov-2020 04:53:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

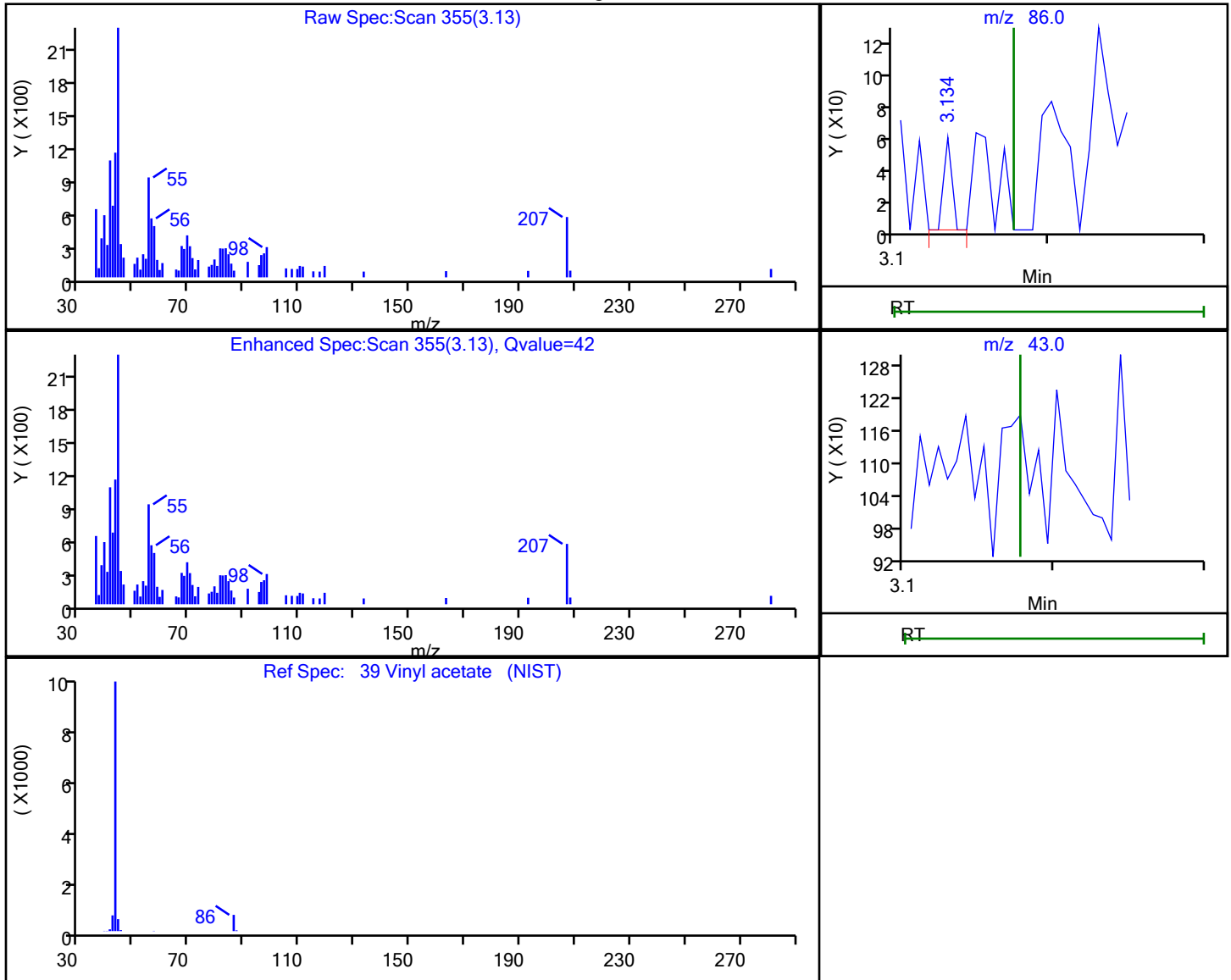
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.13	86.00	22	0.033371
3.14	43.00	727	

Reviewer: desais, 13-Nov-2020 04:55:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133019.D

Injection Date: 13-Nov-2020 00:55:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

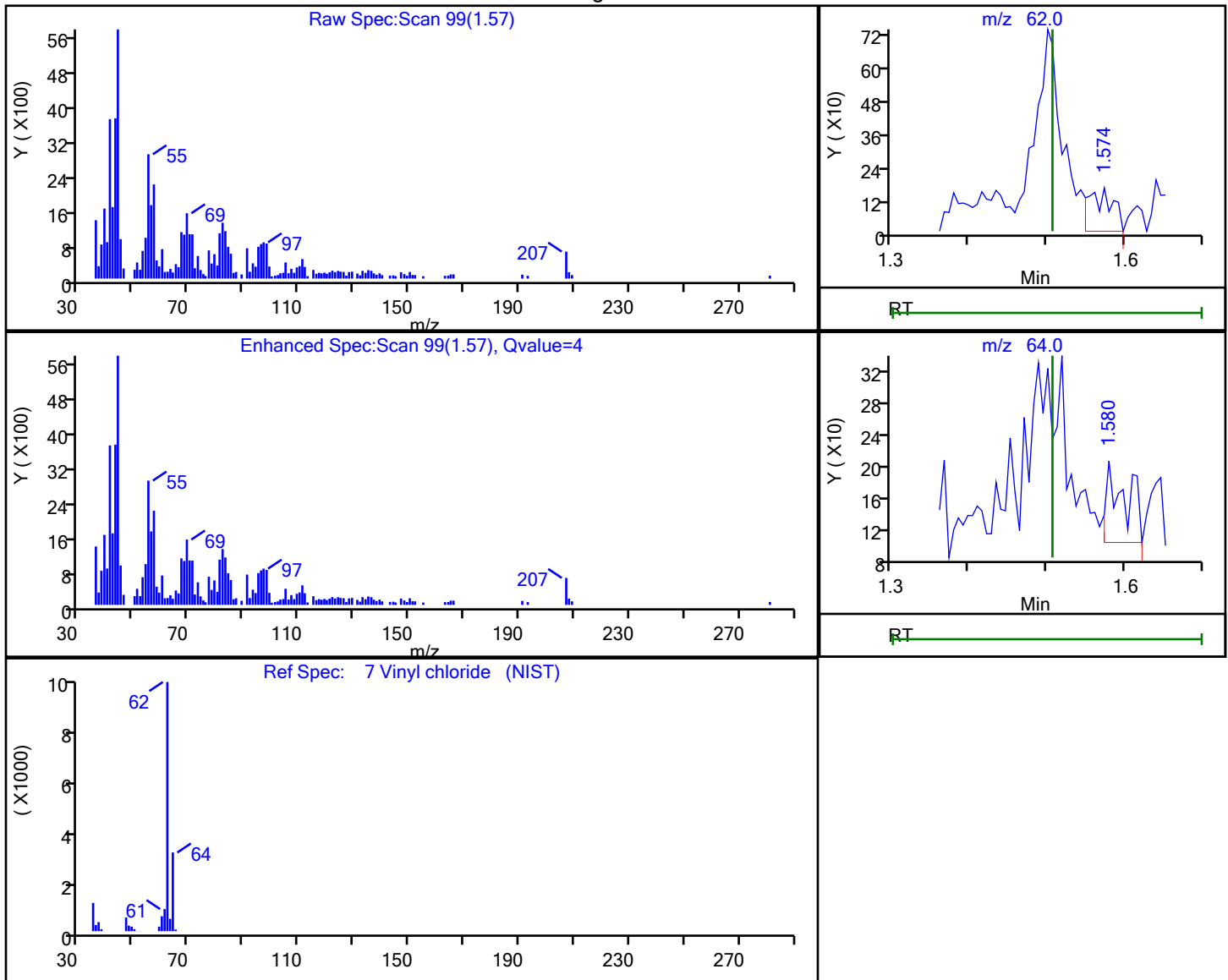
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.57	62.00	331	0.054191
1.58	64.00	182	

Reviewer: desais, 13-Nov-2020 04:53:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 13-Nov-2020 01:16:30 ALS Bottle#: 2 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0120015-003
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:52:52 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 01:58:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.177	1.196	-0.019	65	531	0.5000	1.29	
2 1,1-Difluoroethane	51	1.263	1.269	-0.006	86	2146	0.5000	0.4558	
3 Chlorotrifluoroethene	116	1.263	1.269	-0.006	56	711	0.5000	0.4726	
4 Dichlorodifluoromethane	85	1.281	1.293	-0.012	40	2285	0.5000	0.4030	
5 Chlorodifluoromethane	51	1.305	1.306	-0.001	93	1833	0.5000	0.3526	
6 Chloromethane	50	1.427	1.434	-0.007	98	3067	0.5000	0.4986	
8 Butadiene	54	1.488	1.501	-0.013	91	2675	0.5000	0.4951	
7 Vinyl chloride	62	1.494	1.507	-0.013	96	3304	0.5000	0.5505	
9 Bromomethane	94	1.714	1.720	-0.006	38	2047	0.5000	0.5869	M
10 Chloroethane	64	1.763	1.775	-0.012	47	2136	0.5000	0.7790	M
11 Dichlorofluoromethane	67	1.921	1.927	-0.006	74	3940	0.5000	0.5353	
12 Trichlorofluoromethane	101	1.927	1.940	-0.013	54	2713	0.5000	0.4900	
13 Pentane	72	1.927	1.946	-0.019	99	787	1.00	1.26	a
15 Ethyl ether	74	2.098	2.098	0.000	92	1319	0.5000	0.6746	
14 Ethanol	46	2.086	2.104	-0.018	68	306	20.0	16.4	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	91	1976	0.5000	0.6040	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.153	2.159	-0.006	70	1492	0.5000	0.5056	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.195	2.196	-0.001	48	2551	0.5000	0.5170	a
19 Acrolein	56	2.250	2.244	0.006	80	1180	2.00	2.67	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.256	2.263	-0.007	81	1614	0.5000	0.5149	
21 1,1-Dichloroethene	96	2.275	2.281	-0.006	96	1909	0.5000	0.5925	
22 Acetone	43	2.348	2.348	0.000	92	2978	2.50	2.95	
23 Iodomethane	142	2.403	2.409	-0.006	100	3016	0.5000	0.5313	
25 Isopropyl alcohol	45	2.421	2.427	-0.006	36	1576	5.00	6.45	
24 Carbon disulfide	76	2.433	2.439	-0.006	99	7437	0.5000	0.5487	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	90	990	0.5000	0.4868	
27 Methyl acetate	43	2.555	2.549	0.006	91	2901	1.00	1.14	
28 Cyclopentene	67	2.555	2.555	0.000	89	4686	0.5000	0.5623	
29 Acetonitrile	40	2.634	2.604	0.030	19	1970	5.00	6.44	Ma
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	100	42902	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.647	2.653	-0.006	30	2186	0.5000	0.5609	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	39	1903	5.00	5.43	M
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	94	5145	0.5000	0.5936	a
34 trans-1,2-Dichloroethene	96	2.805	2.811	-0.006	97	1889	0.5000	0.5773	
35 Acrylonitrile	53	2.878	2.878	0.000	91	6581	5.00	4.84	
36 Hexane	57	2.939	2.945	-0.006	87	2496	0.5000	0.5446	
37 Isopropyl ether	45	3.134	3.141	-0.007	86	6323	0.5000	0.5370	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	96	3225	0.5000	0.5413	
39 Vinyl acetate	86	3.171	3.177	-0.006	99	779	1.00	1.18	
40 2-Chloro-1,3-butadiene	88	3.195	3.202	-0.007	92	1486	0.5000	0.5370	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	90	5495	0.5000	0.5433	
* 42 2-Butanone-d5	46	3.591	3.598	-0.007	100	318407	250.0	250.0	
43 2,2-Dichloropropane	97	3.610	3.616	-0.006	47	1008	0.5000	0.9313	a
44 cis-1,2-Dichloroethene	96	3.622	3.628	-0.006	95	2052	0.5000	0.5713	
45 2-Butanone (MEK)	72	3.646	3.647	-0.001	95	1299	2.50	3.38	
46 Ethyl acetate	70	3.652	3.653	-0.001	92	255	1.00	0.7495	
47 Methyl acrylate	55	3.695	3.701	-0.006	64	1428	0.5000	0.5005	
48 Propionitrile	54	3.768	3.768	0.000	92	2369	5.00	4.84	
49 Chlorobromomethane	128	3.829	3.829	0.000	87	1019	0.5000	0.5958	
50 Tetrahydrofuran	72	3.835	3.836	-0.001	54	422	1.00	1.00	
51 Methacrylonitrile	67	3.860	3.860	0.000	92	6871	5.00	5.24	
52 Chloroform	83	3.878	3.884	-0.006	96	3217	0.5000	0.5946	
53 Cyclohexane	84	3.994	3.994	0.000	94	2936	0.5000	0.5777	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	96	2399	0.5000	0.4931	
\$ 55 Dibromofluoromethane (Surr)	113	4.024	4.025	0.000	97	129121	50.0	51.0	
56 Carbon tetrachloride	117	4.122	4.116	0.006	96	2337	0.5000	0.5714	
57 1,1-Dichloropropene	75	4.140	4.146	-0.006	95	2517	0.5000	0.5954	
58 Isobutyl alcohol	43	4.293	4.287	0.006	83	2435	12.5	9.65	
59 Isooctane	57	4.305	4.311	-0.006	98	5872	0.5000	0.4466	
60 Benzene	78	4.323	4.329	-0.006	95	6668	0.5000	0.5868	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.348	-0.007	95	143255	50.0	49.6	
62 Tert-amyl methyl ether	73	4.402	4.396	0.006	80	5294	0.5000	0.4973	
63 Isopropyl acetate	61	4.408	4.409	-0.001	89	963	0.5000	0.5506	
64 1,2-Dichloroethane	62	4.414	4.415	-0.001	97	2393	0.5000	0.6098	
65 n-Heptane	100	4.488	4.488	0.000	88	432	0.5000	0.5455	
* 66 Fluorobenzene	96	4.597	4.598	-0.001	98	503023	50.0	50.0	
67 n-Butanol	56	4.914	4.908	0.006	70	1904	12.5	17.2	
68 Trichloroethene	95	4.927	4.927	0.000	95	1786	0.5000	0.5821	
69 Methylcyclohexane	83	5.042	5.043	-0.001	94	3143	0.5000	0.5380	
70 Ethyl acrylate	99	5.061	5.061	0.000	78	289	0.5000	0.5621	a
71 1,2-Dichloropropane	63	5.195	5.201	-0.006	87	1703	0.5000	0.5288	
* 72 1,4-Dioxane-d8	96	5.262	5.268	-0.006	92	25213	1000.0	1000.0	Ma
73 Methyl methacrylate	100	5.292	5.293	-0.001	93	710	1.00	0.9517	
75 1,4-Dioxane	88	5.317	5.317	0.000	55	772	25.0	22.4	
74 Dibromomethane	93	5.317	5.323	-0.006	85	1293	0.5000	0.6382	
76 n-Propyl acetate	43	5.347	5.354	-0.007	96	3032	0.5000	0.6420	
77 Dichlorobromomethane	83	5.463	5.469	-0.006	98	2463	0.5000	0.5882	
78 2-Nitropropane	41	5.798	5.799	-0.001	76	1791	1.00	1.47	
79 2-Chloroethyl vinyl ether	63	5.804	5.811	-0.007	67	995	0.5012	0.4897	
80 Epichlorohydrin	57	5.908	5.902	0.006	97	3471	10.0	10.7	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	91	2715	0.5000	0.5711	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.122	-0.001	97	8498	2.50	2.69	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.182	6.183	-0.001	99	431148	50.0	51.6	
84 Toluene	91	6.256	6.256	0.000	95	5939	0.5000	0.5369	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	96	2330	0.5000	0.5514	
86 Ethyl methacrylate	69	6.652	6.652	0.000	89	1803	0.5000	0.4919	
87 1,1,2-Trichloroethane	83	6.804	6.811	-0.007	89	1301	0.5000	0.5937	
88 Tetrachloroethene	166	6.835	6.835	0.000	93	1421	0.5000	0.5532	
89 1,3-Dichloropropane	76	7.005	7.006	-0.001	94	2083	0.5000	0.5133	
90 2-Hexanone	43	7.091	7.091	0.000	94	5403	2.50	2.72	
91 n-Butyl acetate	43	7.219	7.213	0.006	95	2812	0.5000	0.5943	M
92 Chlorodibromomethane	129	7.225	7.225	0.000	82	1402	0.5000	0.5365	
93 Ethylene Dibromide	107	7.365	7.365	0.000	92	1438	0.5000	0.5838	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	88	325189	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	91	3798	0.5000	0.5579	
96 Ethylbenzene	106	8.054	8.054	0.000	99	2043	0.5000	0.5430	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.066	-0.006	40	1341	0.5000	0.4838	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	97	2424	0.5000	0.5246	
99 o-Xylene	106	8.725	8.725	0.000	92	2510	0.5000	0.5183	
100 n-Butyl acrylate	73	8.749	8.749	0.000	95	1208	0.5000	0.5209	
101 Styrene	104	8.761	8.761	0.000	97	4019	0.5000	0.5299	
102 Bromoform	173	9.017	9.011	0.006	88	852	0.5000	0.4803	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	90	3497	0.5000	0.5768	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	7402	0.5000	0.5537	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	129548	50.0	52.1	
106 Bromobenzene	156	9.578	9.578	0.000	96	1579	0.5000	0.4995	
107 1,1,2,2-Tetrachloroethane	83	9.663	9.670	-0.007	96	1738	0.5000	0.4526	
108 N-Propylbenzene	91	9.688	9.688	0.000	98	8442	0.5000	0.5022	
109 1,2,3-Trichloropropane	110	9.706	9.712	-0.006	92	818	0.5000	0.8723	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	38	521	0.5000	0.5321	a
111 2-Chlorotoluene	91	9.798	9.798	0.000	95	5358	0.5000	0.4811	
112 4-Ethyltoluene	105	9.828	9.828	0.000	97	6827	0.5000	0.5177	
113 1,3,5-Trimethylbenzene	105	9.907	9.908	-0.001	91	5707	0.5000	0.4925	
114 4-Chlorotoluene	91	9.932	9.932	0.000	97	5220	0.5000	0.4946	
115 Butyl Methacrylate	87	10.054	10.054	0.000	93	1921	0.5000	0.4692	
116 tert-Butylbenzene	119	10.230	10.231	-0.001	91	4251	0.5000	0.4480	
117 1,2,4-Trimethylbenzene	105	10.297	10.298	-0.001	98	5775	0.5000	0.4804	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	7668	0.5000	0.4882	
119 1,3-Dichlorobenzene	146	10.584	10.578	0.006	95	3292	0.5000	0.5317	
120 4-Isopropyltoluene	119	10.608	10.609	-0.001	98	6724	0.5000	0.5167	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	176674	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.675	10.682	-0.007	92	3129	0.5000	0.5204	a
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	99	6203	0.5000	0.4961	
124 Benzyl chloride	91	10.828	10.828	0.000	97	3815	0.5000	0.5041	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	5641	0.5000	0.4927	
126 p-Diethylbenzene	119	10.974	10.968	0.006	93	3556	0.5000	0.5122	
127 n-Butylbenzene	92	10.992	10.993	-0.001	98	4075	0.5000	0.5489	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	94	3036	0.5000	0.5102	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	6513	0.5000	0.4721	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	77	446	0.5000	0.5216	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	96	2886	0.5000	0.4977	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	93	2767	0.5000	0.4948	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	93	1239	0.5000	0.4873	
134 Naphthalene	128	12.547	12.547	0.000	99	6846	0.5000	0.5356	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	95	2564	0.5000	0.5112	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.15	
S 137 Xylenes, Total	100				0		1.00	1.04	
S 138 Total 1,2-dichloroethene	1				0			1.15	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.12	
S 140 Total BTEX	1				0		2.50	2.71	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00115	Amount Added: 2.00	Units: uL	
8260MIX1COMB_00128	Amount Added: 5.00	Units: uL	
524freon_00029	Amount Added: 5.00	Units: uL	
GASES Li_00394	Amount Added: 5.00	Units: uL	
14DIOXINTER_00121	Amount Added: 15.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

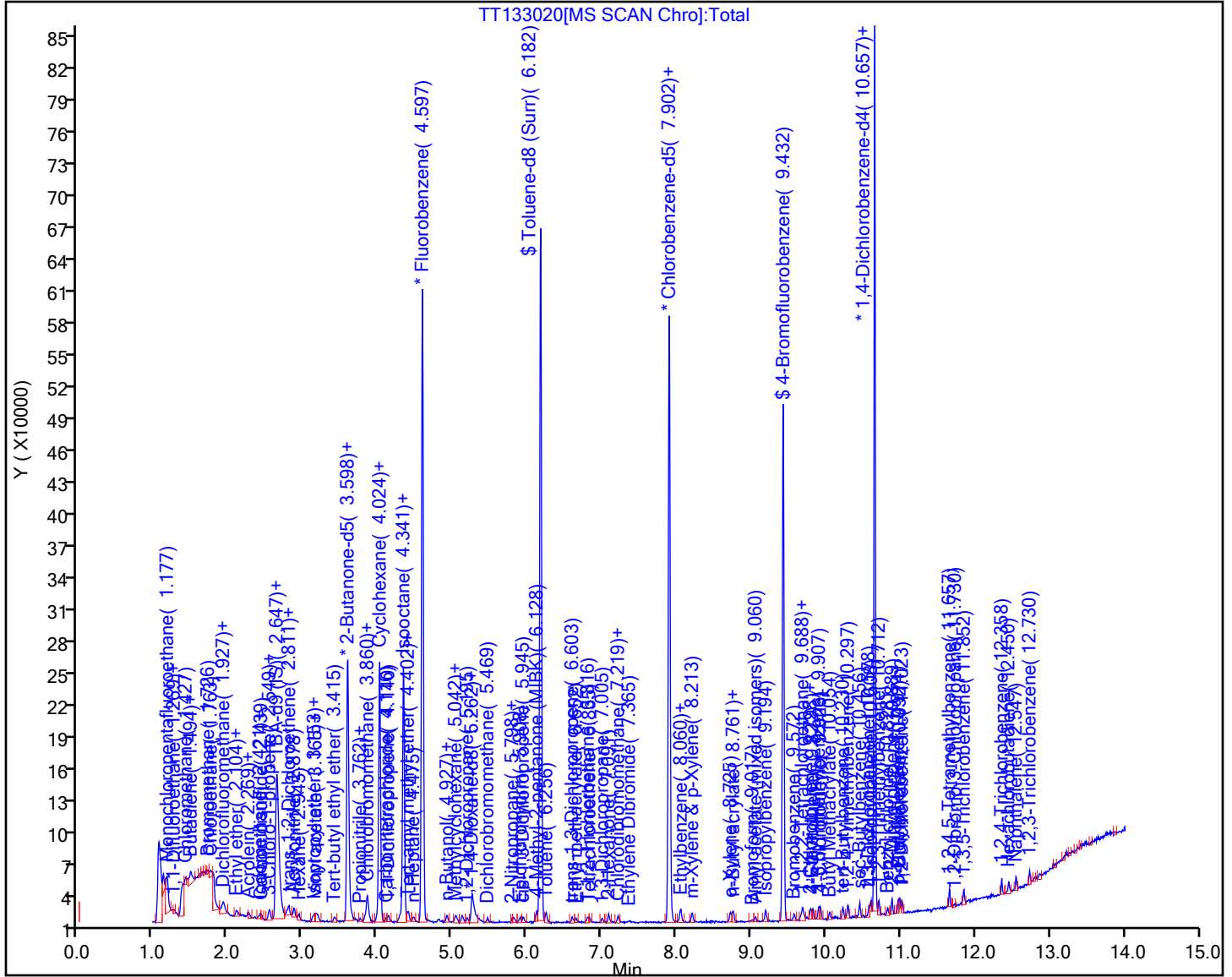
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

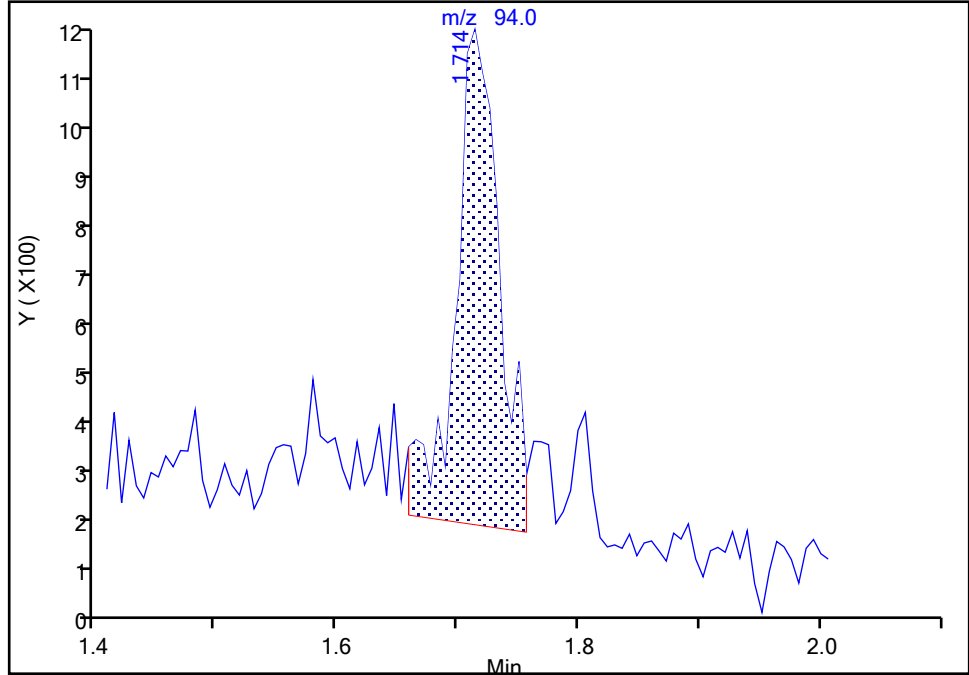
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

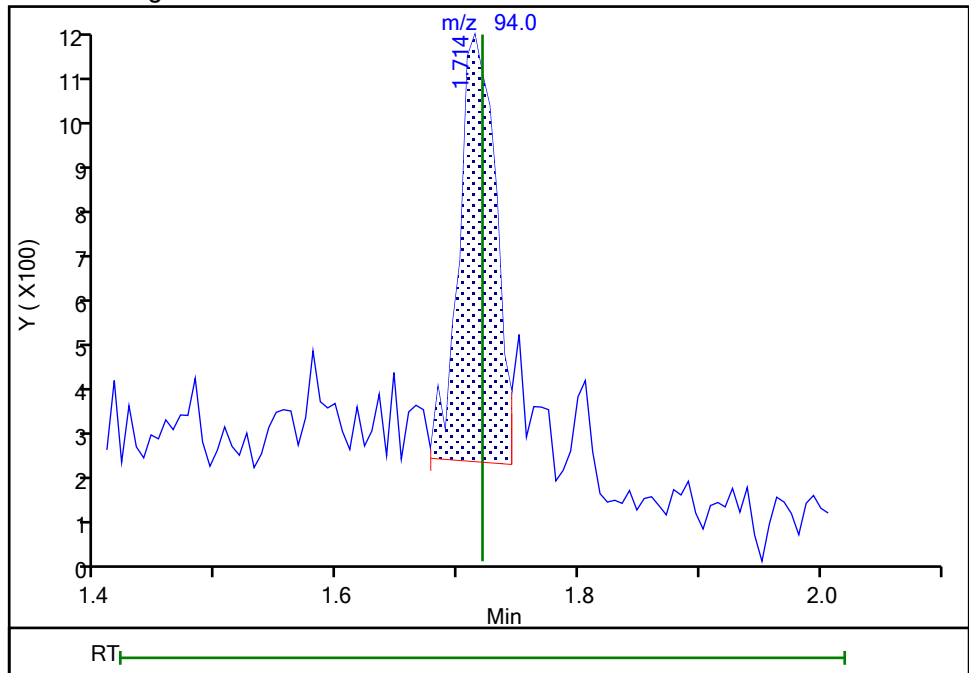
RT: 1.71
Area: 2579
Amount: 0.769090
Amount Units: ug/l

Processing Integration Results



RT: 1.71
Area: 2047
Amount: 0.586877
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 06:52:13

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

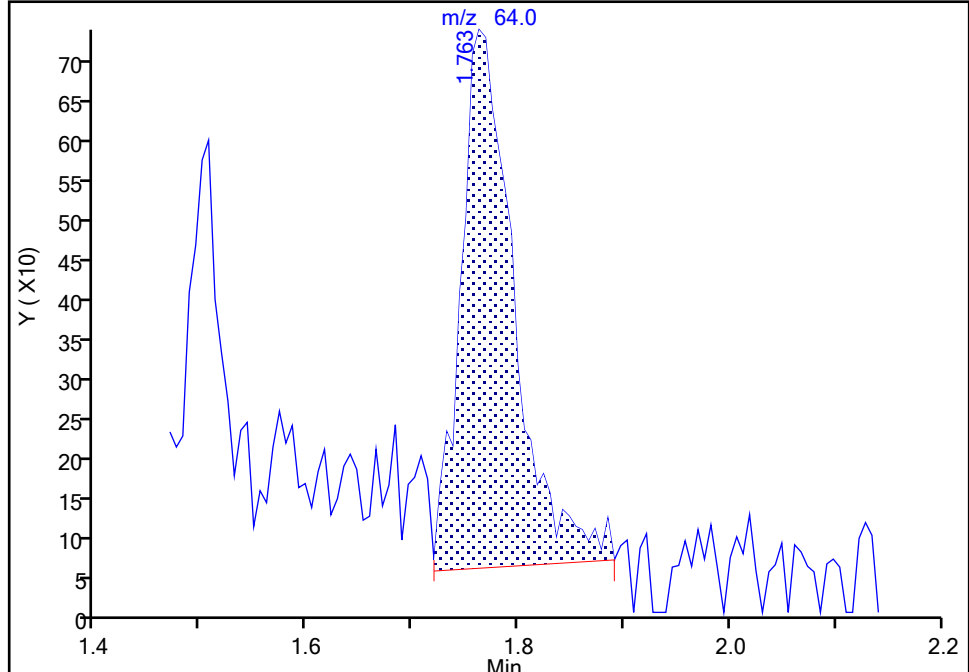
Detector: MS Quad

10 Chloroethane, CAS: 75-00-3

Signal: 1

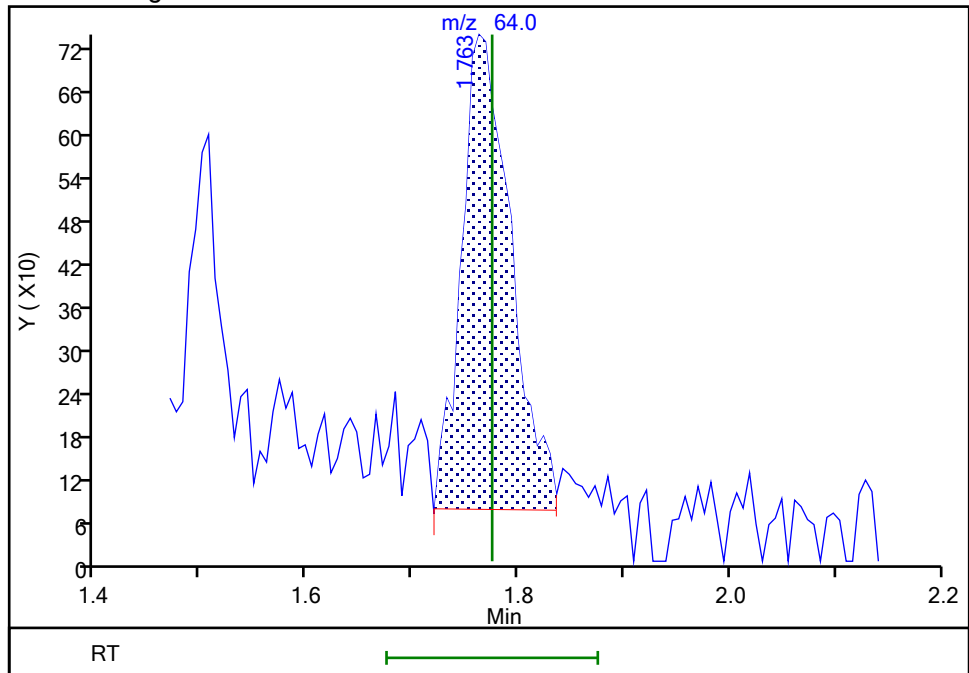
RT: 1.76
Area: 2372
Amount: 0.865073
Amount Units: ug/l

Processing Integration Results



RT: 1.76
Area: 2136
Amount: 0.778980
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 06:52:39

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

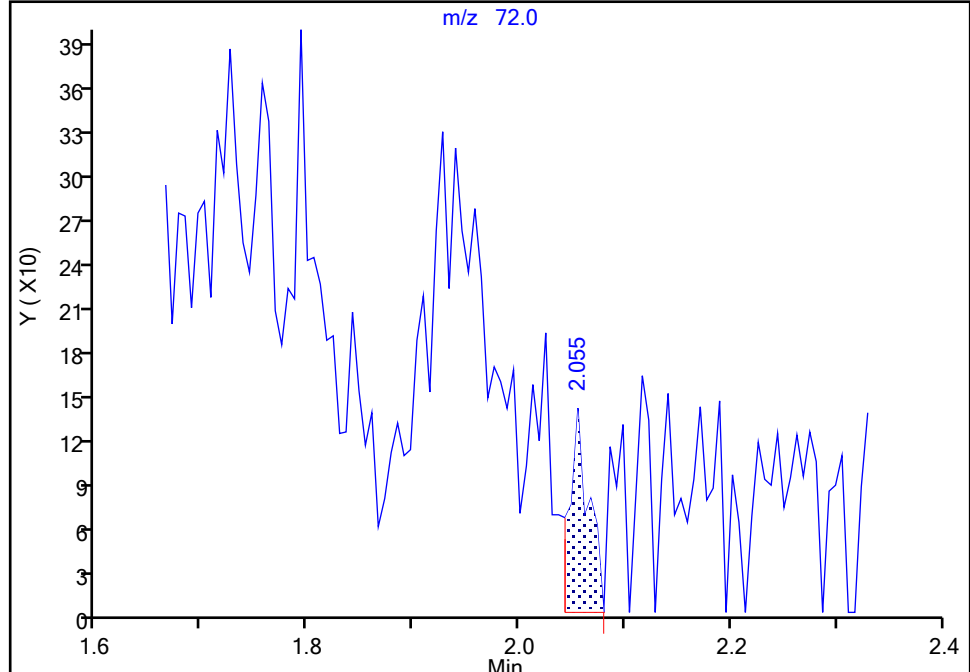
MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

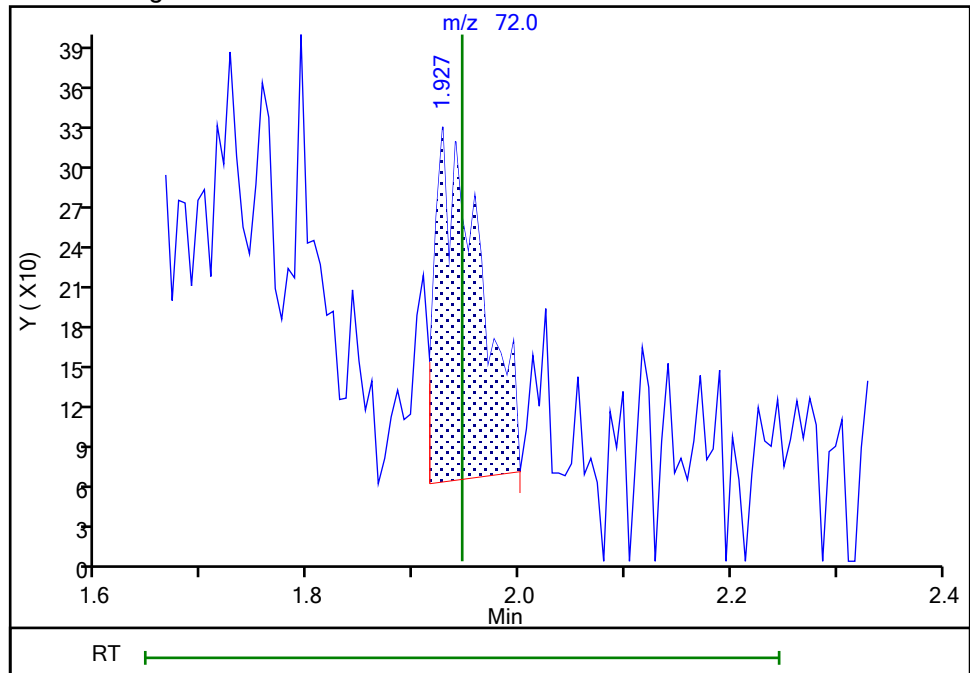
RT: 2.06
Area: 174
Amount: 0.273816
Amount Units: ug/l

Processing Integration Results



RT: 1.93
Area: 787
Amount: 1.256001
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:48:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

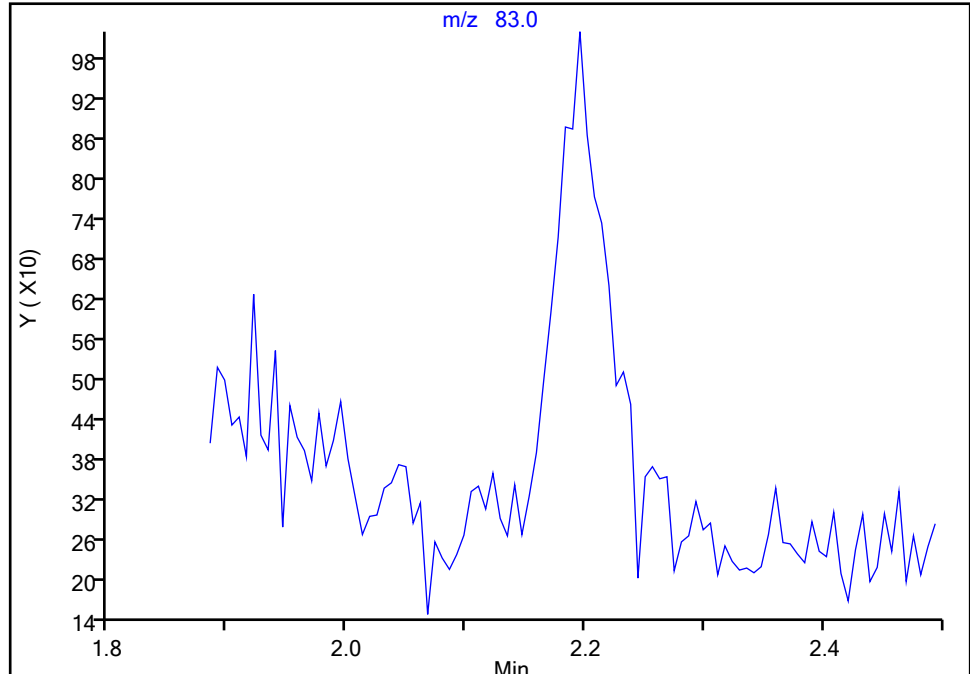
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.20

Processing Integration Results



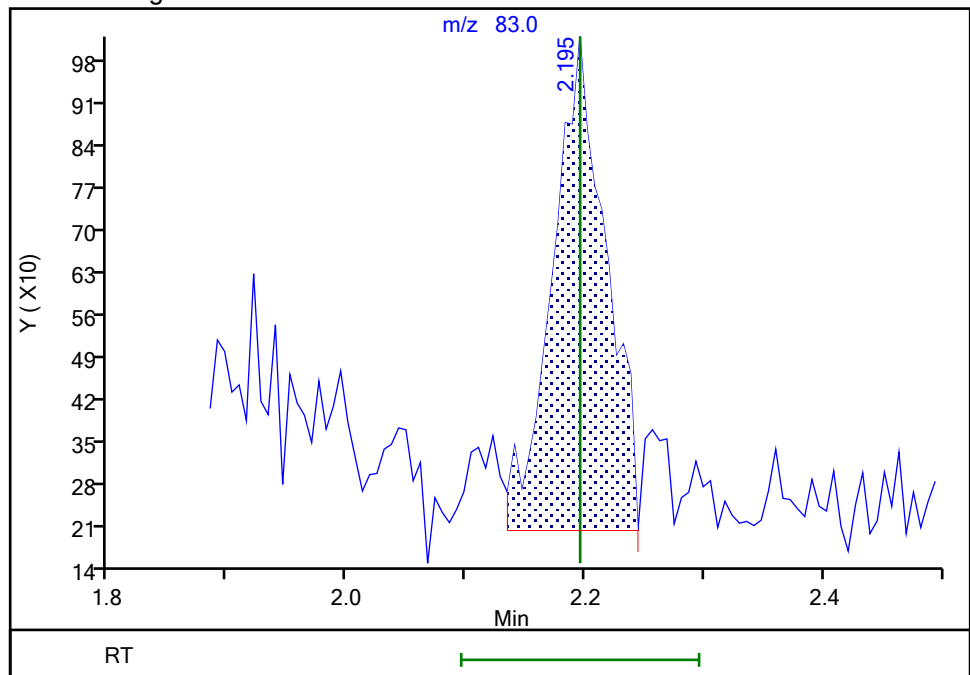
RT: 2.20

Area: 2551

Amount: 0.517008

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:48:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

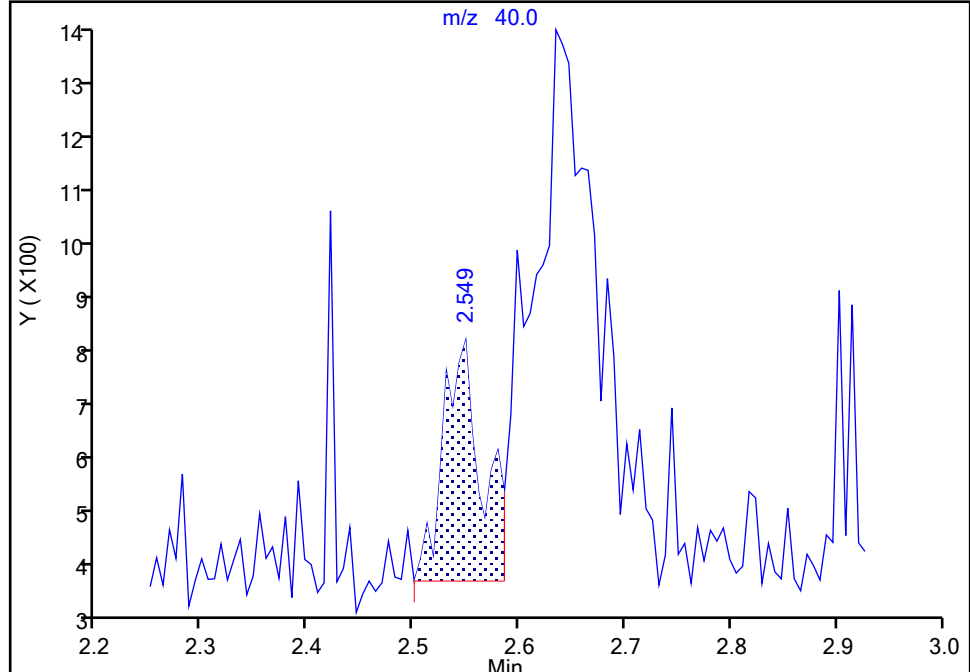
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

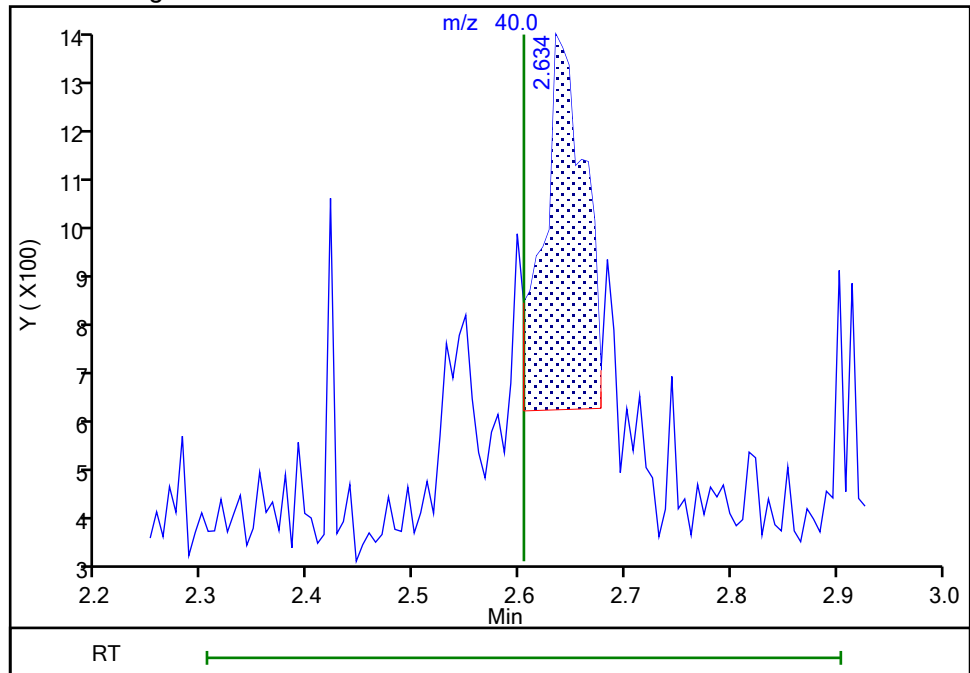
RT: 2.55
Area: 1078
Amount: 3.842250
Amount Units: ug/l

Processing Integration Results



RT: 2.63
Area: 1970
Amount: 6.436846
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 06:58:07

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

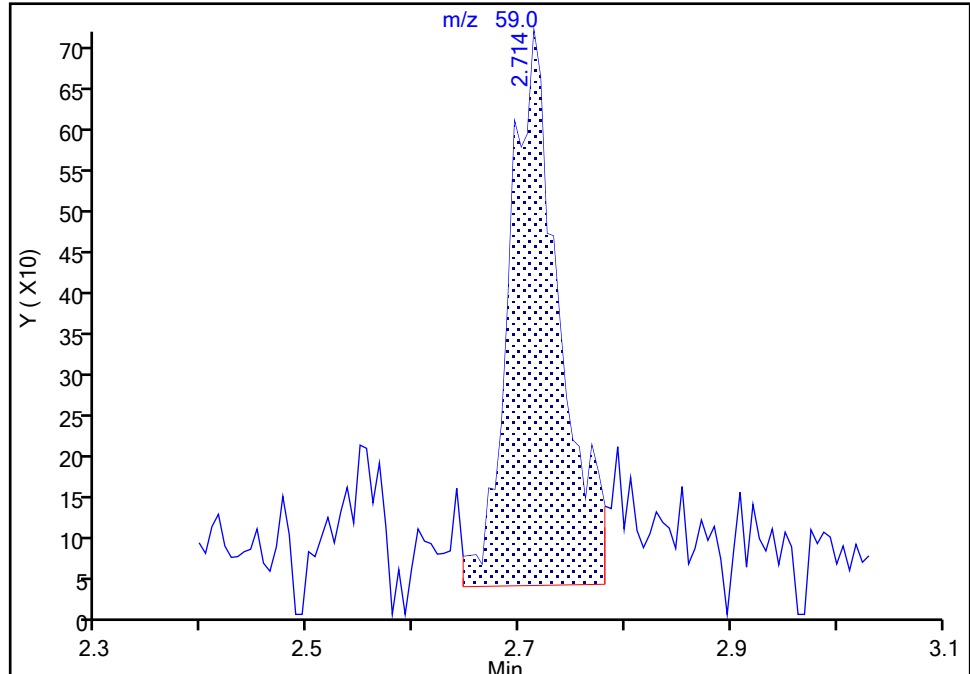
Detector: MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

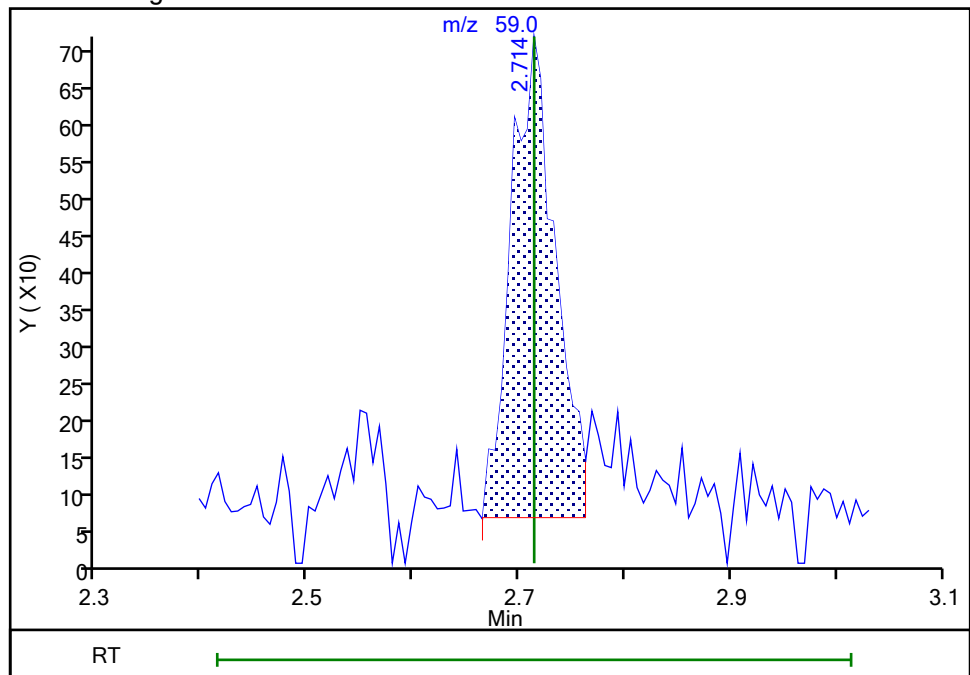
RT: 2.71
Area: 2257
Amount: 6.257321
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 1903
Amount: 5.428098
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 06:58:36

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

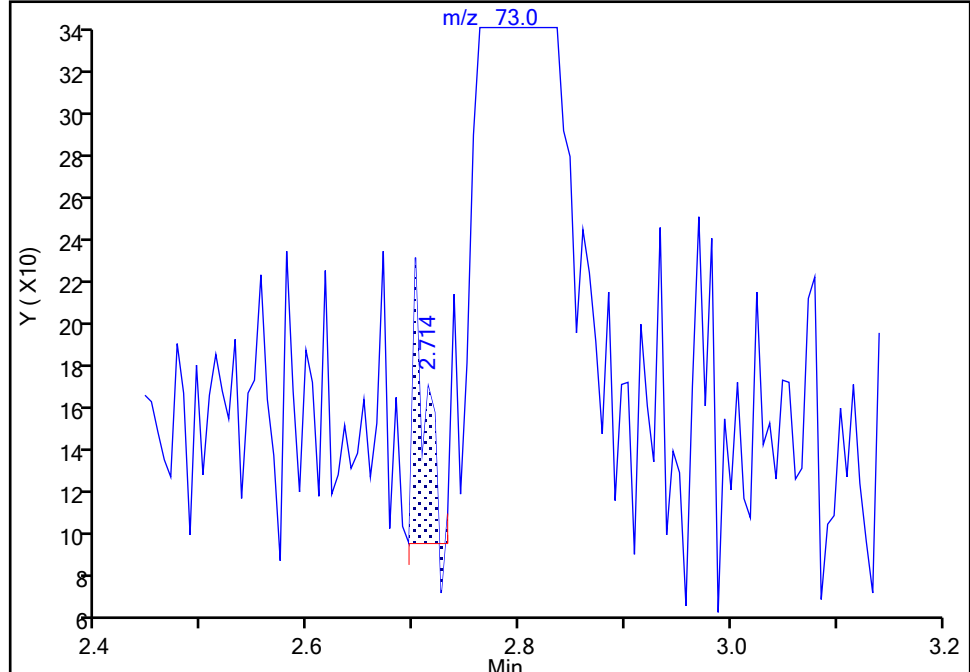
MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

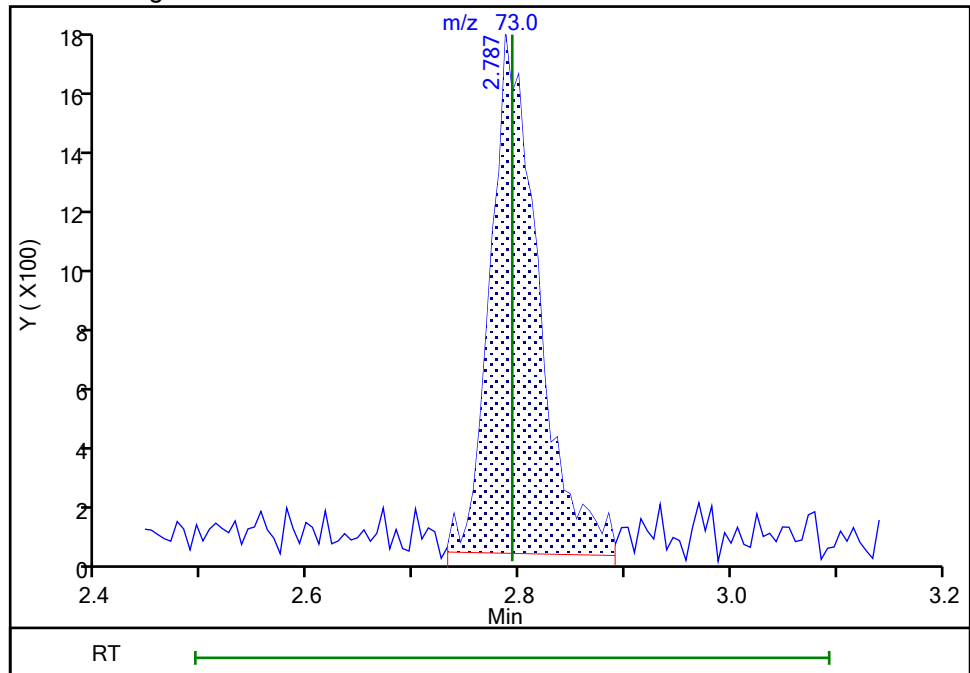
RT: 2.71
Area: 108
Amount: 0.012959
Amount Units: ug/l

Processing Integration Results



RT: 2.79
Area: 5145
Amount: 0.593602
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:48:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

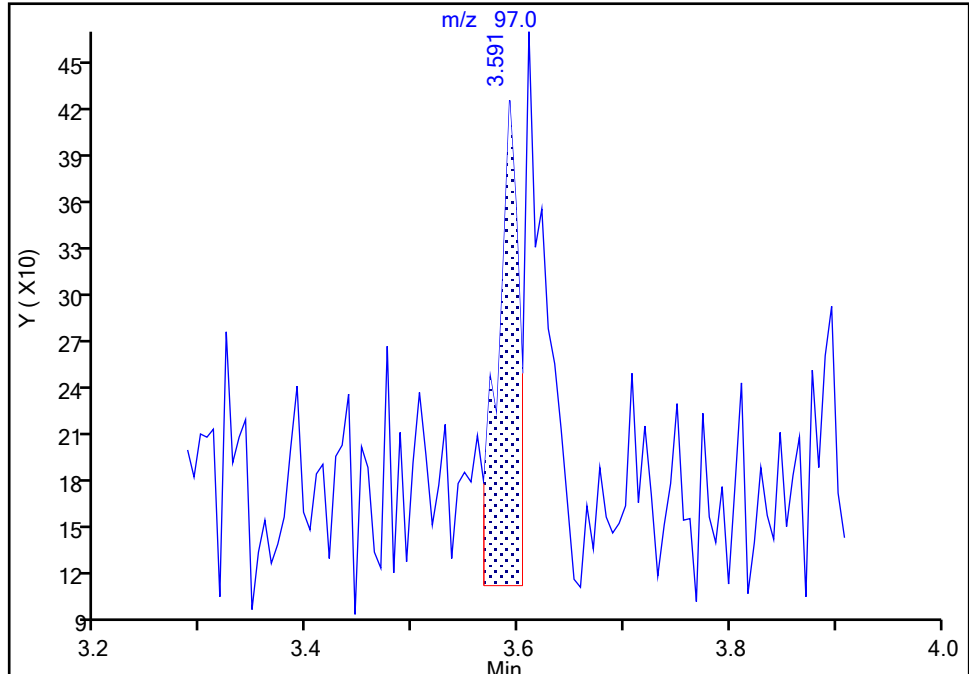
MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

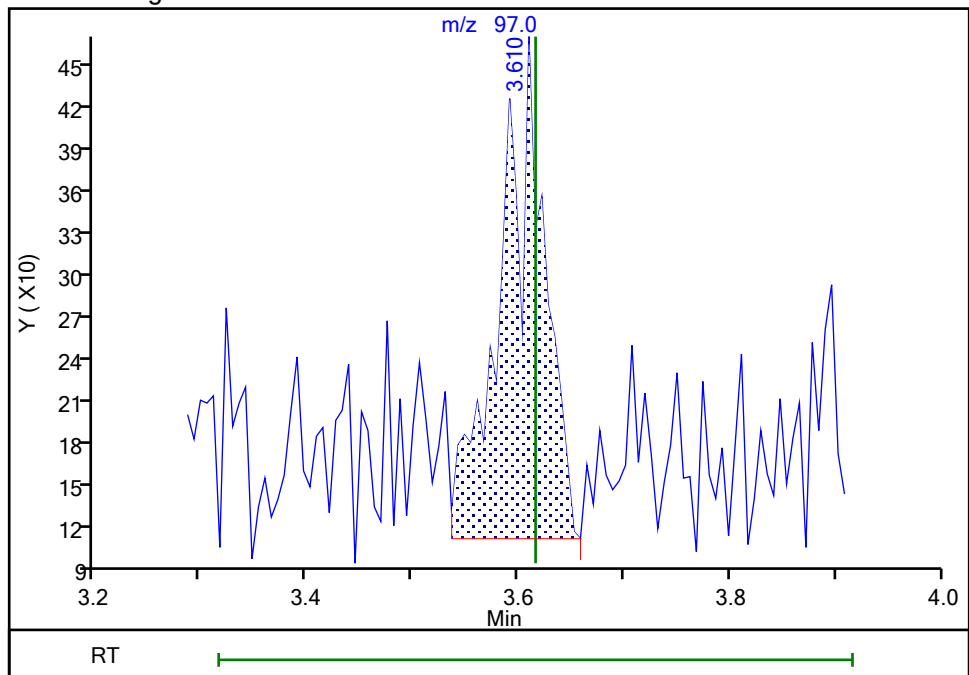
RT: 3.59
Area: 430
Amount: 0.378406
Amount Units: ug/l

Processing Integration Results



RT: 3.61
Area: 1008
Amount: 0.931311
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:48:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

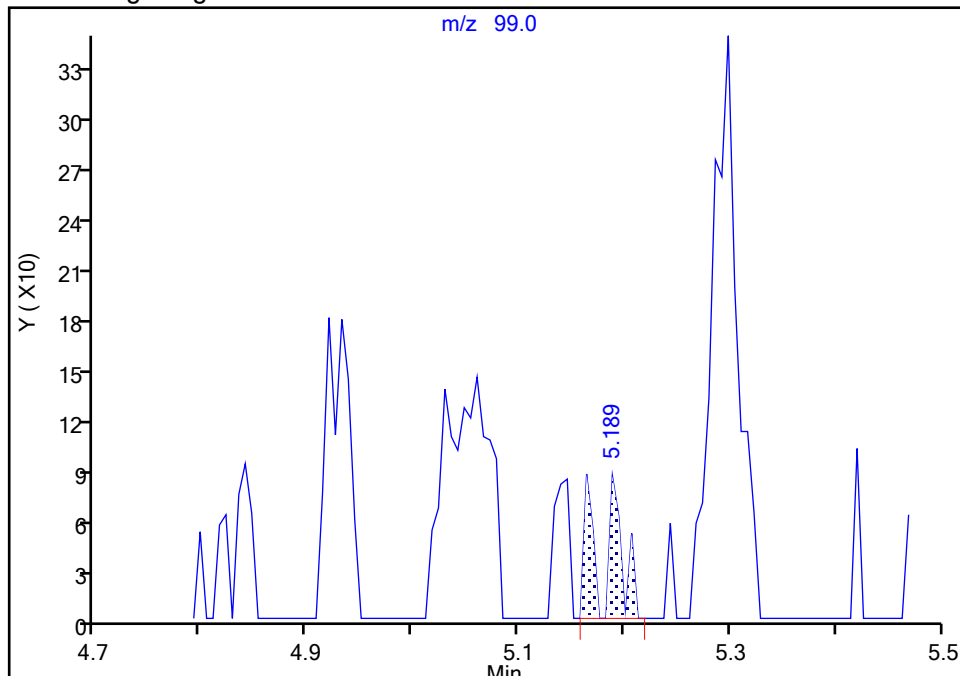
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

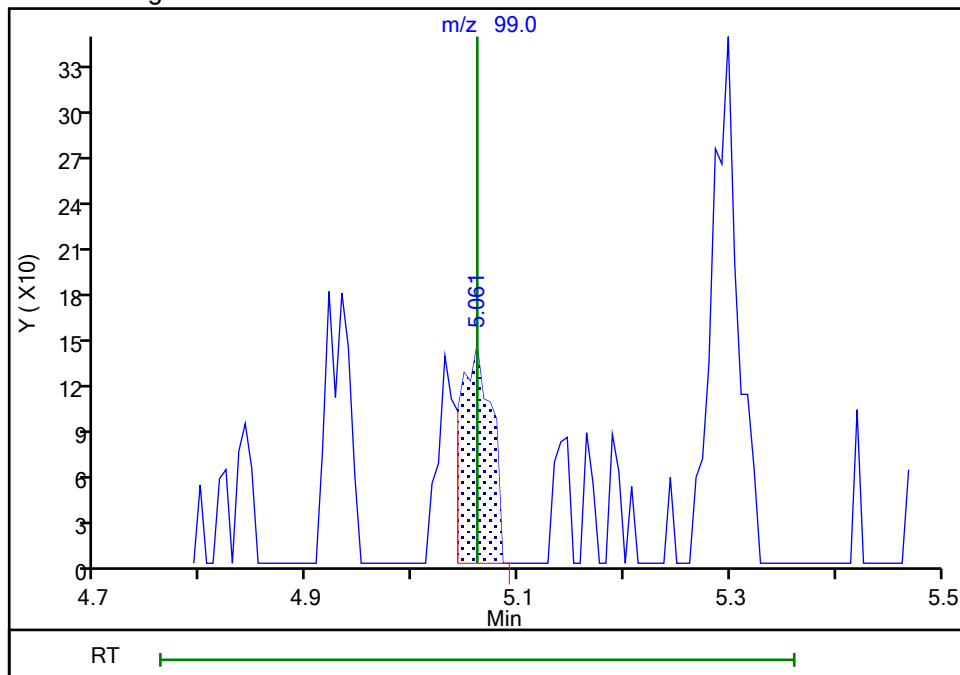
RT: 5.19
Area: 121
Amount: 0.260807
Amount Units: ug/l

Processing Integration Results



RT: 5.06
Area: 289
Amount: 0.562075
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:49:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

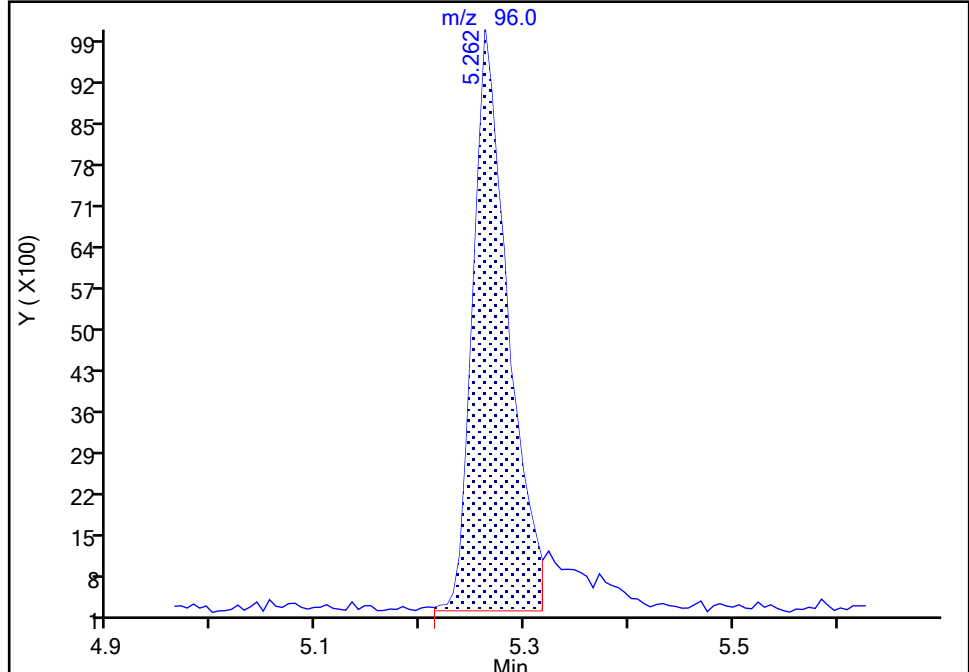
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

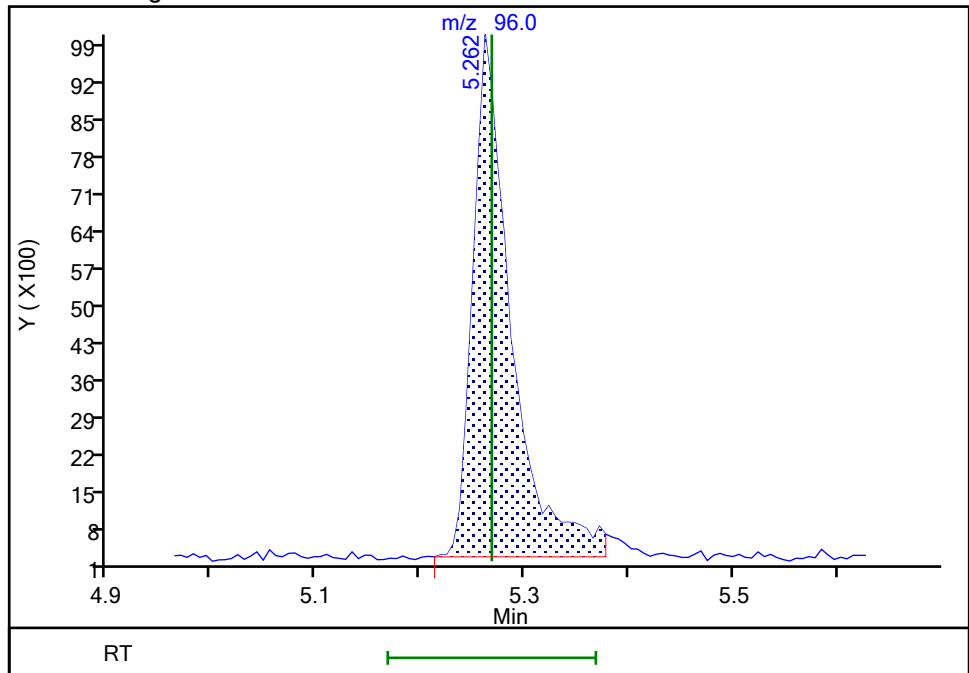
RT: 5.26
Area: 23329
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 25213
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:22:48

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

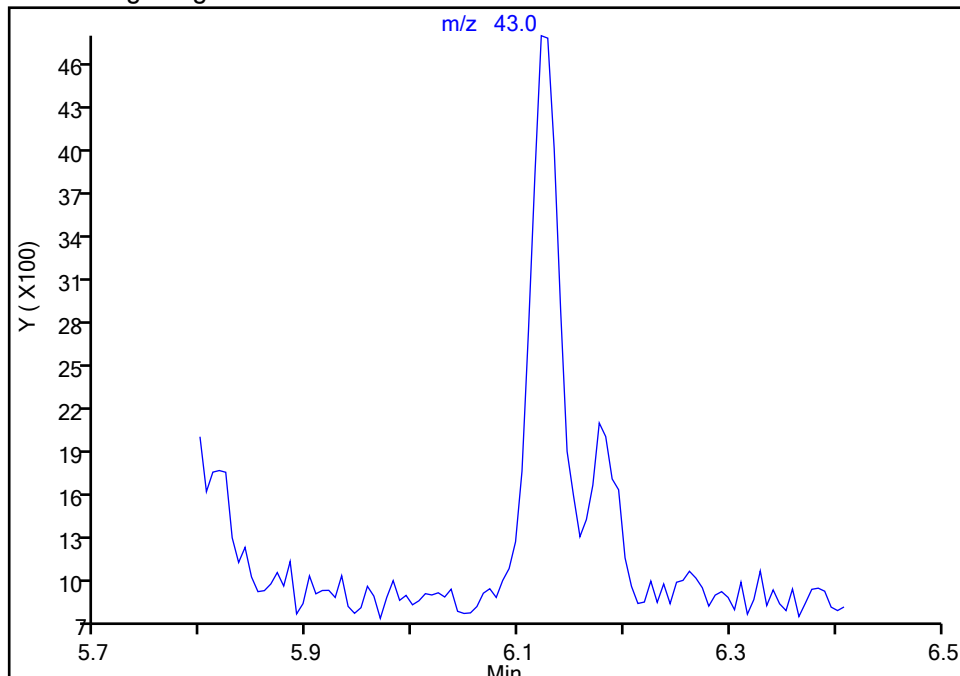
82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

Not Detected

Expected RT: 6.12

Processing Integration Results



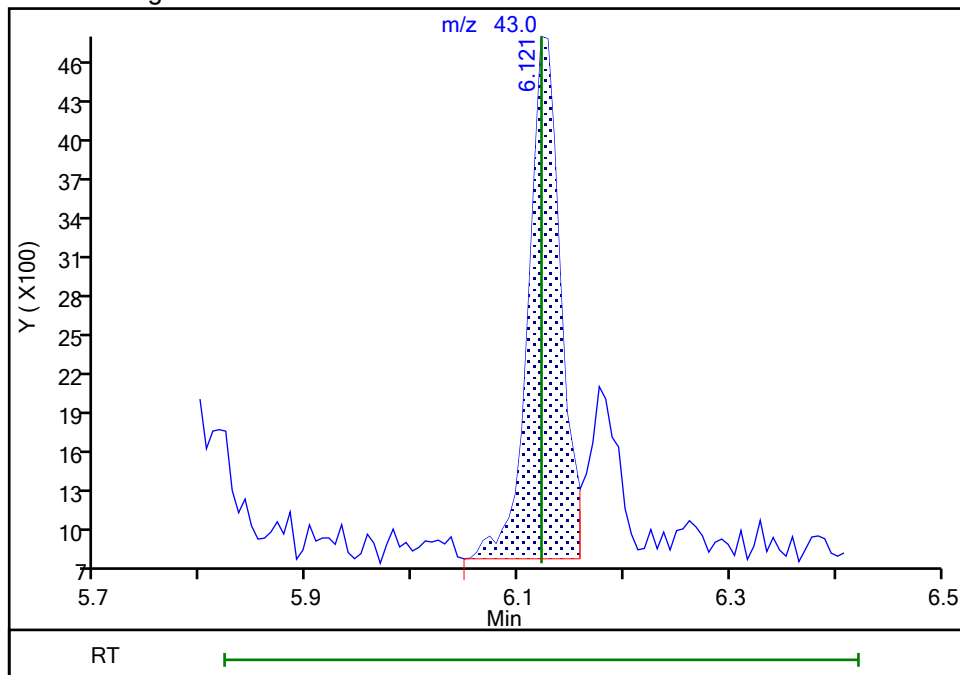
RT: 6.12

Area: 8498

Amount: 2.691414

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:49:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

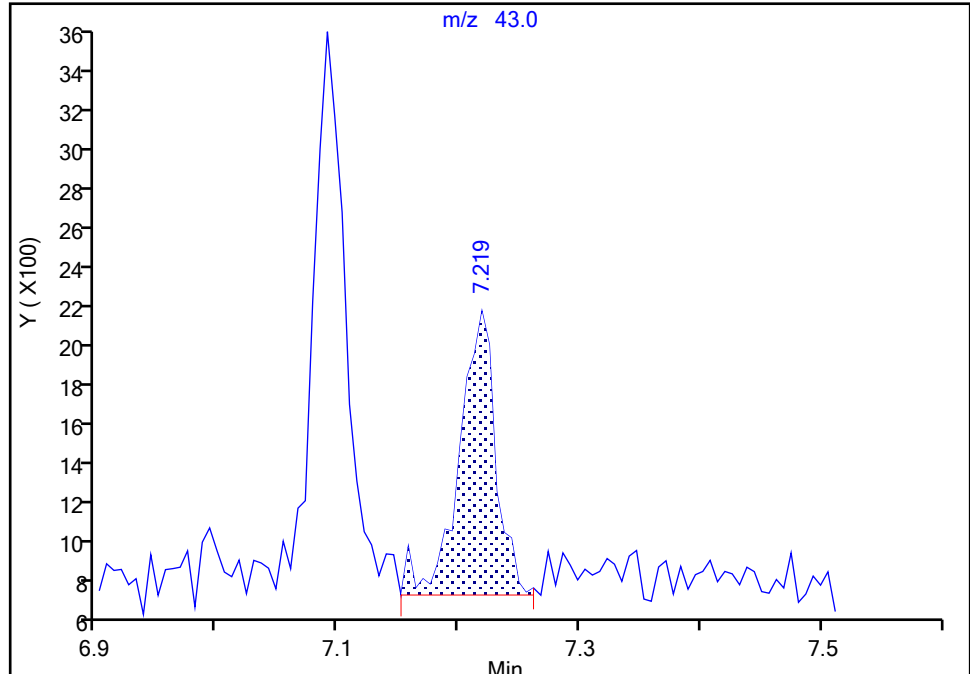
MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Signal: 1

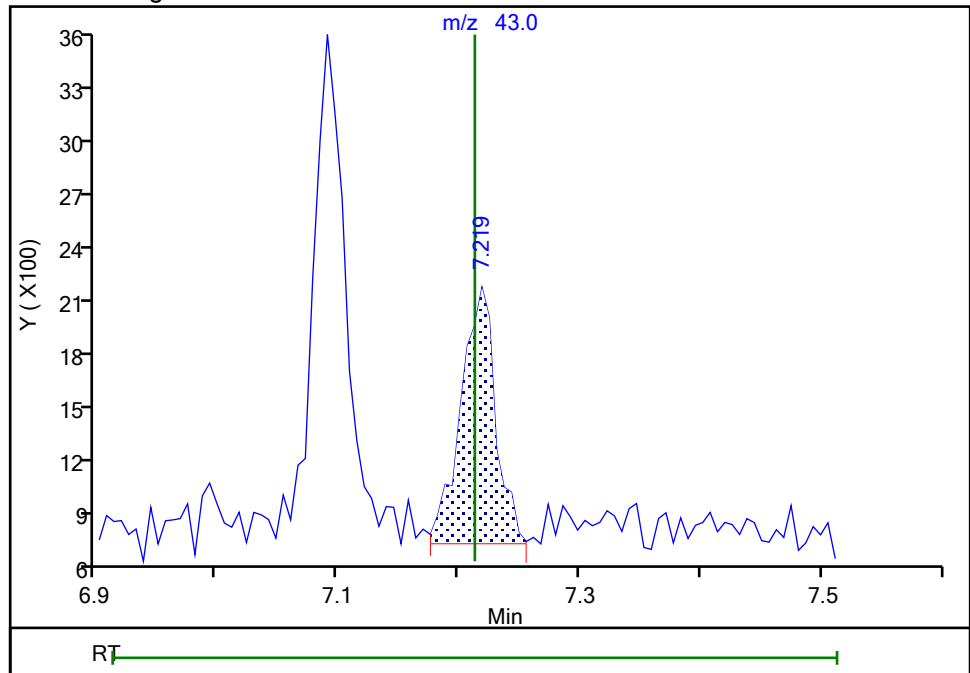
RT: 7.22
Area: 2954
Amount: 0.619048
Amount Units: ug/l

Processing Integration Results



RT: 7.22
Area: 2812
Amount: 0.594344
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 07:02:17

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

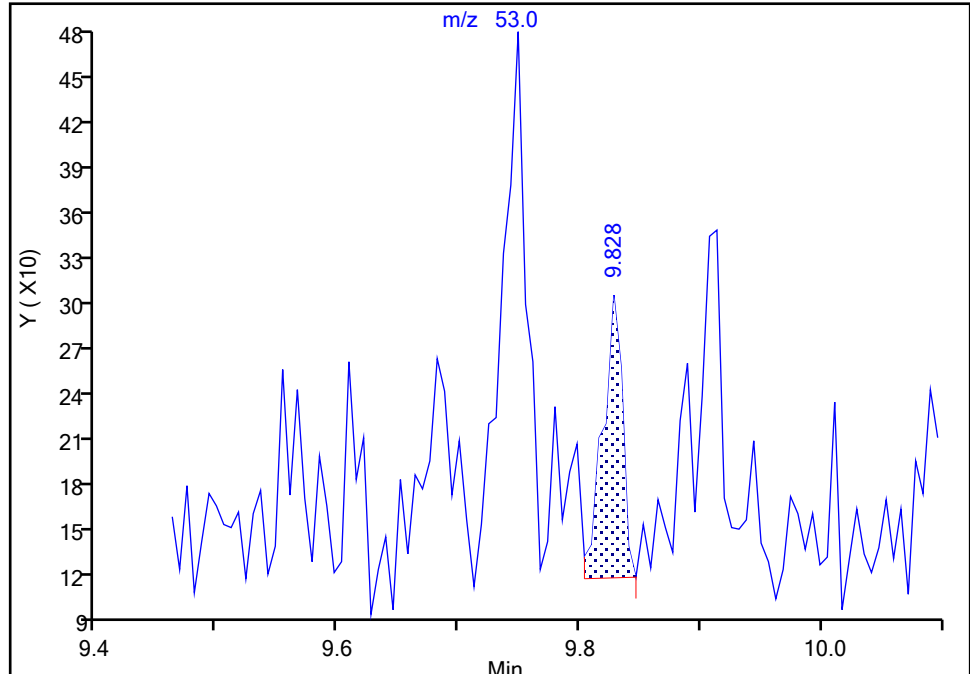
MS Quad

110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

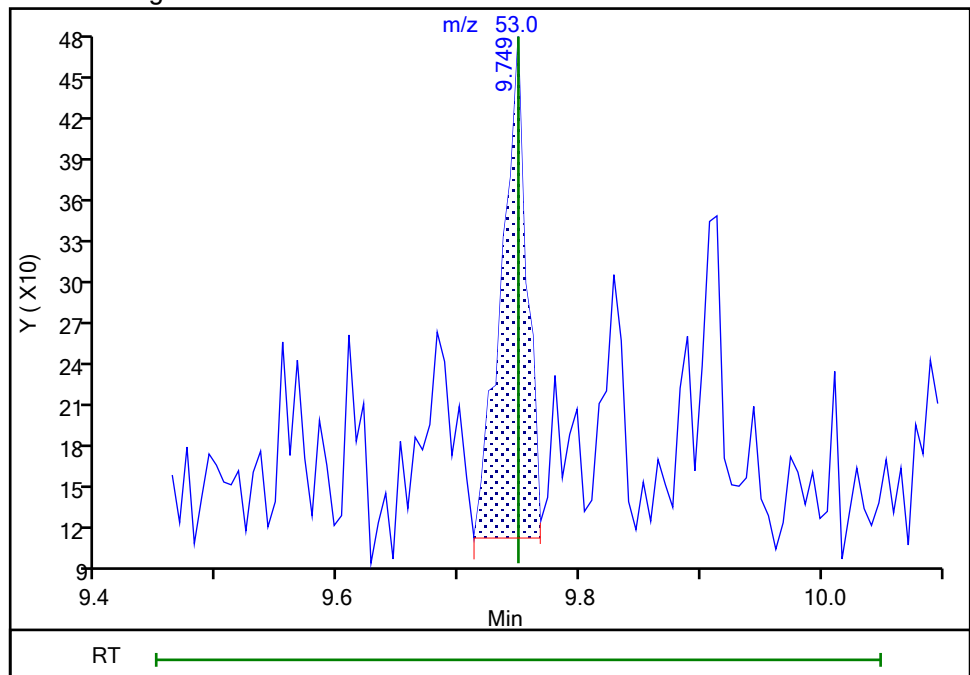
RT: 9.83
Area: 206
Amount: 0.458749
Amount Units: ug/l

Processing Integration Results



RT: 9.75
Area: 521
Amount: 0.532090
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:49:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133020.D

Injection Date: 13-Nov-2020 01:16:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

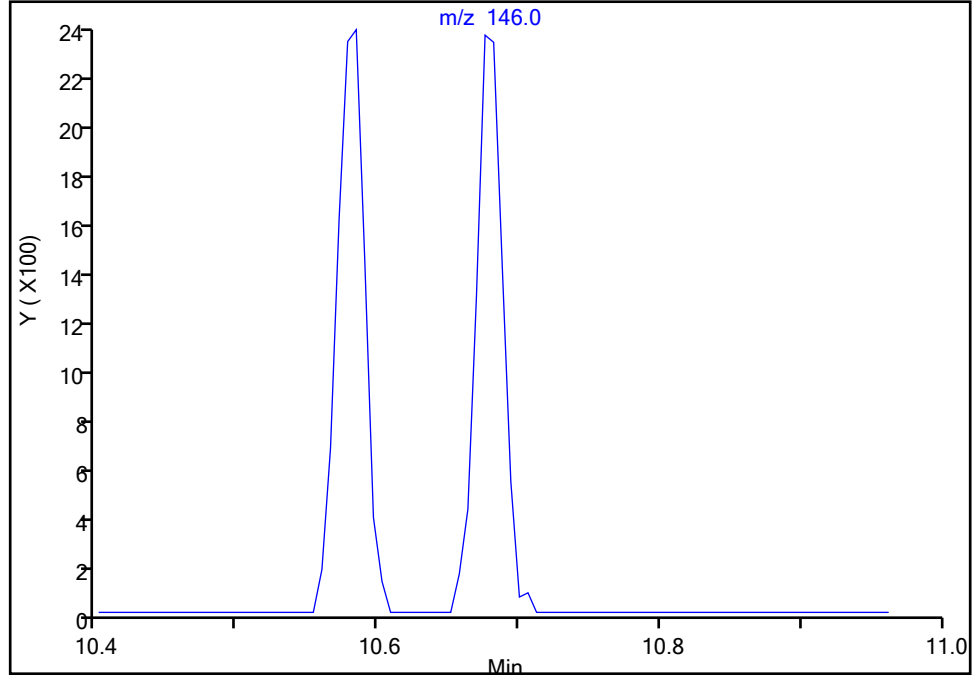
122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

Not Detected

Expected RT: 10.68

Processing Integration Results



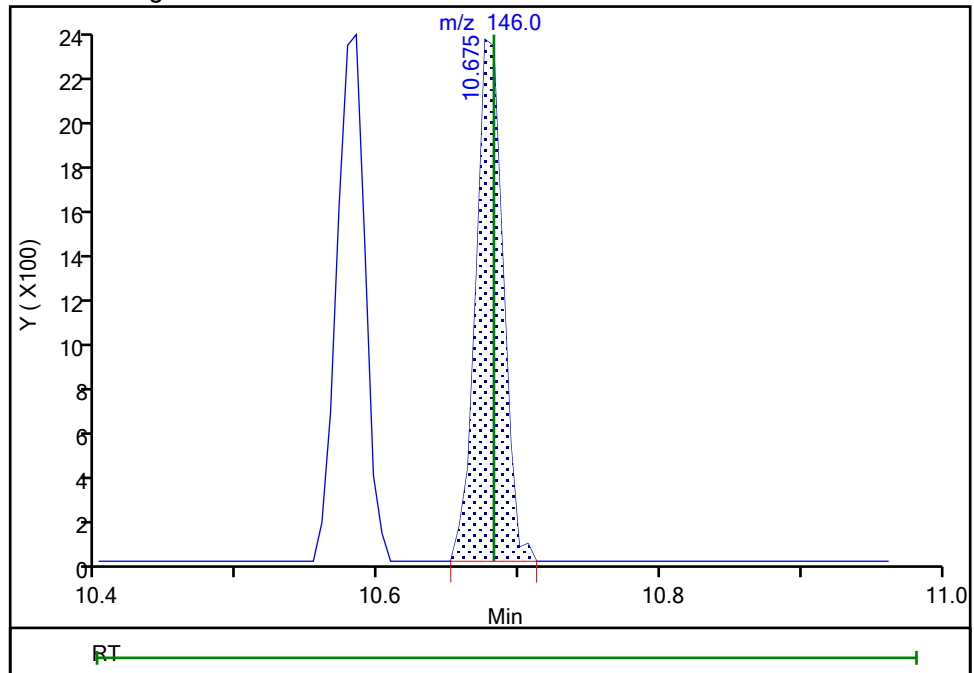
RT: 10.68

Area: 3129

Amount: 0.520399

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:49:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 13-Nov-2020 01:37:30 ALS Bottle#: 3 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0120015-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:53:10 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 02:01:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.196	-0.031	64	741	1.00	1.78	a
2 1,1-Difluoroethane	51	1.263	1.269	-0.006	93	4724	1.00	1.00	M
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	54	1331	1.00	0.8796	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	98	4570	1.00	0.8012	a
5 Chlorodifluoromethane	51	1.299	1.306	-0.007	98	5059	1.00	0.9675	M
6 Chloromethane	50	1.427	1.434	-0.007	99	5974	1.00	0.9655	
8 Butadiene	54	1.495	1.501	-0.006	97	5525	1.00	1.02	
7 Vinyl chloride	62	1.501	1.507	-0.006	97	6295	1.00	1.04	
9 Bromomethane	94	1.720	1.720	0.000	92	4019	1.00	1.15	
10 Chloroethane	64	1.763	1.775	-0.012	44	4224	1.00	1.54	
11 Dichlorofluoromethane	67	1.921	1.927	-0.006	85	7250	1.00	0.9792	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	58	5416	1.00	0.9723	
13 Pentane	72	1.940	1.946	-0.006	94	1079	2.00	1.71	
15 Ethyl ether	74	2.098	2.098	0.000	93	1801	1.00	0.9157	
14 Ethanol	46	2.092	2.104	-0.012	75	549	40.0	28.9	M
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	3101	1.00	0.9423	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.153	2.159	-0.006	71	3376	1.00	1.14	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.196	2.196	0.000	40	4873	1.00	0.9818	a
19 Acrolein	56	2.251	2.244	0.006	86	1927	4.00	4.29	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.257	2.263	-0.006	87	2899	1.00	0.9194	
21 1,1-Dichloroethene	96	2.281	2.281	0.000	97	3110	1.00	0.9596	
22 Acetone	43	2.348	2.348	0.000	87	5553	5.00	5.48	
23 Iodomethane	142	2.397	2.409	-0.012	99	5591	1.00	0.9792	
25 Isopropyl alcohol	45	2.427	2.427	0.000	36	2026	10.0	8.17	a
24 Carbon disulfide	76	2.433	2.439	-0.006	98	13476	1.00	0.9884	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	93	1972	1.00	0.9639	
27 Methyl acetate	43	2.555	2.549	0.006	75	4878	2.00	1.91	
28 Cyclopentene	67	2.555	2.555	0.000	94	7693	1.00	0.9177	
29 Acetonitrile	40	2.641	2.604	0.037	94	3295	10.0	10.7	M
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	100	43561	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	31	3840	1.00	0.9794	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	91	3779	10.0	10.6	
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	96	7953	1.00	0.9122	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	3232	1.00	0.9818	
35 Acrylonitrile	53	2.878	2.878	0.000	94	12300	10.0	8.99	
36 Hexane	57	2.939	2.945	-0.006	90	4250	1.00	0.9218	
37 Isopropyl ether	45	3.141	3.141	0.000	90	11732	1.00	0.99	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	5982	1.00	1.00	
39 Vinyl acetate	86	3.183	3.177	0.006	100	1441	2.00	2.17	
40 2-Chloro-1,3-butadiene	88	3.195	3.202	-0.007	90	2664	1.00	0.9570	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	9894	1.00	0.9724	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	100	319287	250.0	250.0	
43 2,2-Dichloropropane	97	3.622	3.616	0.006	45	1323	1.00	1.22	a
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	96	3607	1.00	1.00	
45 2-Butanone (MEK)	72	3.640	3.647	-0.007	96	2049	5.00	5.31	
46 Ethyl acetate	70	3.659	3.653	0.006	94	840	2.00	2.46	
47 Methyl acrylate	55	3.701	3.701	0.000	96	2930	1.00	1.02	
48 Propionitrile	54	3.768	3.768	0.000	99	4669	10.0	9.40	
49 Chlorobromomethane	128	3.829	3.829	0.000	96	1660	1.00	0.9649	
50 Tetrahydrofuran	72	3.836	3.836	0.000	59	970	2.00	2.30	
51 Methacrylonitrile	67	3.860	3.860	0.000	94	12344	10.0	9.36	
52 Chloroform	83	3.884	3.884	0.000	96	5576	1.00	1.02	
53 Cyclohexane	84	3.988	3.994	-0.006	92	5010	1.00	0.9800	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	97	4936	1.00	1.01	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.001	97	130428	50.0	51.3	
56 Carbon tetrachloride	117	4.116	4.116	0.000	97	3986	1.00	0.9689	
57 1,1-Dichloropropene	75	4.140	4.146	-0.006	96	4220	1.00	0.99	
58 Isobutyl alcohol	43	4.293	4.287	0.006	87	5563	25.0	21.7	
59 Isooctane	57	4.305	4.311	-0.006	99	11113	1.00	0.8402	
60 Benzene	78	4.323	4.329	-0.006	96	11735	1.00	1.03	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.348	-0.006	96	147393	50.0	50.7	
62 Tert-amyl methyl ether	73	4.403	4.396	0.007	69	9761	1.00	0.9116	
63 Isopropyl acetate	61	4.403	4.409	-0.006	93	1876	1.00	1.07	
64 1,2-Dichloroethane	62	4.415	4.415	0.000	96	4149	1.00	1.05	
65 n-Heptane	100	4.482	4.488	-0.006	93	753	1.00	0.9453	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	506006	50.0	50.0	
67 n-Butanol	56	4.915	4.908	0.007	74	2464	25.0	22.0	
68 Trichloroethene	95	4.927	4.927	0.000	94	2956	1.00	0.9578	
69 Methylcyclohexane	83	5.049	5.043	0.006	94	5211	1.00	0.8867	
70 Ethyl acrylate	99	5.055	5.061	-0.006	96	594	1.00	1.15	
71 1,2-Dichloropropane	63	5.201	5.201	0.000	88	3094	1.00	0.9550	
* 72 1,4-Dioxane-d8	96	5.262	5.268	-0.006	90	26669	1000.0	1000.0	M
73 Methyl methacrylate	100	5.293	5.293	0.000	89	1412	2.00	1.88	
75 1,4-Dioxane	88	5.323	5.317	0.006	57	1692	50.0	46.3	
74 Dibromomethane	93	5.323	5.323	0.000	95	2045	1.00	1.00	
76 n-Propyl acetate	43	5.354	5.354	0.000	98	4689	1.00	0.9870	
77 Dichlorobromomethane	83	5.469	5.469	0.000	98	3884	1.00	0.9220	
78 2-Nitropropane	41	5.799	5.799	0.000	88	2192	2.00	1.97	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	82	1988	1.00	0.9727	
80 Epichlorohydrin	57	5.902	5.902	0.000	99	6232	20.0	19.2	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	94	4790	1.00	1.01	
82 4-Methyl-2-pentanone (MIBK)	43	6.122	6.122	0.000	97	15284	5.00	4.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.183	6.183	0.000	99	434755	50.0	51.9	
84 Toluene	91	6.256	6.256	0.000	93	11693	1.00	1.05	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	97	4226	1.00	1.00	
86 Ethyl methacrylate	69	6.652	6.652	0.000	93	3760	1.00	1.02	
87 1,1,2-Trichloroethane	83	6.811	6.811	0.000	93	2304	1.00	1.05	
88 Tetrachloroethene	166	6.841	6.835	0.006	95	2611	1.00	1.01	
89 1,3-Dichloropropane	76	7.006	7.006	0.000	94	4111	1.00	1.01	
90 2-Hexanone	43	7.091	7.091	0.000	95	9717	5.00	4.88	
91 n-Butyl acetate	43	7.213	7.213	0.000	97	5186	1.00	1.09	
92 Chlorodibromomethane	129	7.219	7.225	-0.006	68	2643	1.00	1.01	
93 Ethylene Dibromide	107	7.365	7.365	0.000	96	2478	1.00	1.00	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	89	325874	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	94	6908	1.00	1.01	
96 Ethylbenzene	106	8.048	8.054	-0.006	99	3926	1.00	1.04	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	93	3005	1.00	1.08	
98 m-Xylene & p-Xylene	106	8.207	8.213	-0.006	97	4718	1.00	1.02	
99 o-Xylene	106	8.725	8.725	0.000	92	4738	1.00	0.9764	
100 n-Butyl acrylate	73	8.749	8.749	0.000	98	2625	1.00	1.13	
101 Styrene	104	8.761	8.761	0.000	93	7736	1.00	1.02	
102 Bromoform	173	9.011	9.011	0.000	92	1686	1.00	0.9485	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	90	5445	1.00	0.9138	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	13505	1.00	1.01	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	126048	50.0	50.6	
106 Bromobenzene	156	9.578	9.578	0.000	96	2862	1.00	0.9213	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.670	-0.006	99	3708	1.00	0.9826	
108 N-Propylbenzene	91	9.688	9.688	0.000	98	15626	1.00	0.9458	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	94	1117	1.00	1.21	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	80	918	1.00	0.9539	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	10425	1.00	0.9524	
112 4-Ethyltoluene	105	9.828	9.828	0.000	98	12599	1.00	0.9721	
113 1,3,5-Trimethylbenzene	105	9.908	9.908	0.000	91	10384	1.00	0.9119	
114 4-Chlorotoluene	91	9.932	9.932	0.000	98	9895	1.00	0.9540	
115 Butyl Methacrylate	87	10.054	10.054	0.000	90	3769	1.00	0.9366	
116 tert-Butylbenzene	119	10.231	10.231	0.000	93	8239	1.00	0.8836	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	11369	1.00	0.9623	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	13747	1.00	0.8905	
119 1,3-Dichlorobenzene	146	10.578	10.578	0.000	93	5872	1.00	0.9651	
120 4-Isopropyltoluene	119	10.609	10.609	0.000	97	11774	1.00	0.9205	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	173635	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.682	-0.006	92	5615	1.00	0.9502	a
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	99	11634	1.00	0.9467	
124 Benzyl chloride	91	10.834	10.828	0.006	98	7213	1.00	0.9698	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	10835	1.00	0.9629	
126 p-Diethylbenzene	119	10.968	10.968	0.000	90	6695	1.00	0.9813	
127 n-Butylbenzene	92	10.993	10.993	0.000	97	7143	1.00	0.9791	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	94	5806	1.00	0.99	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	12646	1.00	0.9327	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	92	750	1.00	0.8925	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	96	5432	1.00	0.9532	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	92	5139	1.00	0.9351	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	92	2279	1.00	0.9121	
134 Naphthalene	128	12.547	12.547	0.000	99	11817	1.00	0.9408	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	92	4662	1.00	0.9457	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.98	
S 137 Xylenes, Total	100				0		2.00	2.00	
S 138 Total 1,2-dichloroethene	1				0			1.98	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.00	
S 140 Total BTEX	1				0		5.00	5.12	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00115	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00128	Amount Added: 10.00	Units: uL	
524freon_00029	Amount Added: 10.00	Units: uL	
GASES Li_00394	Amount Added: 10.00	Units: uL	
14DIOXINTER_00121	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 5

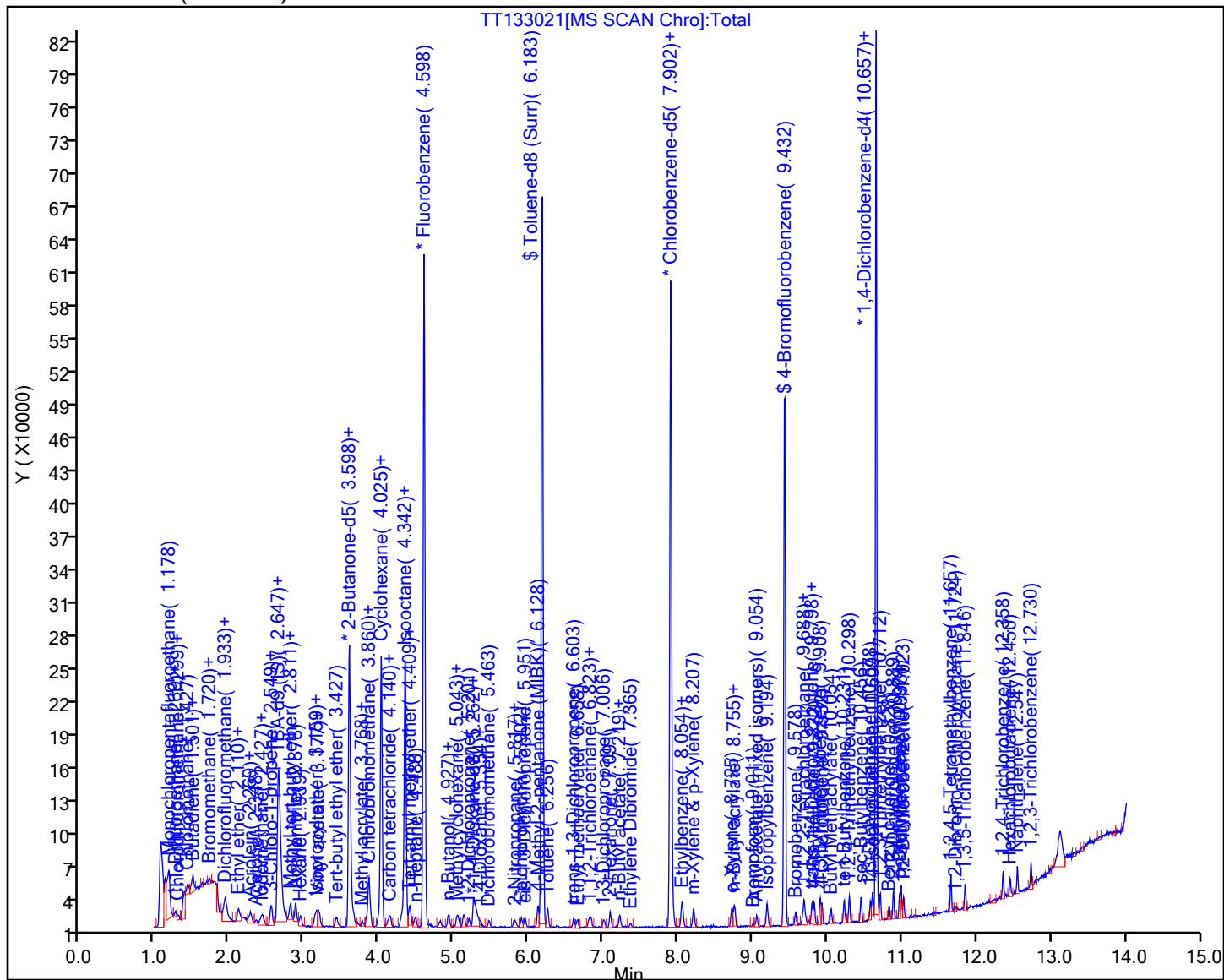
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

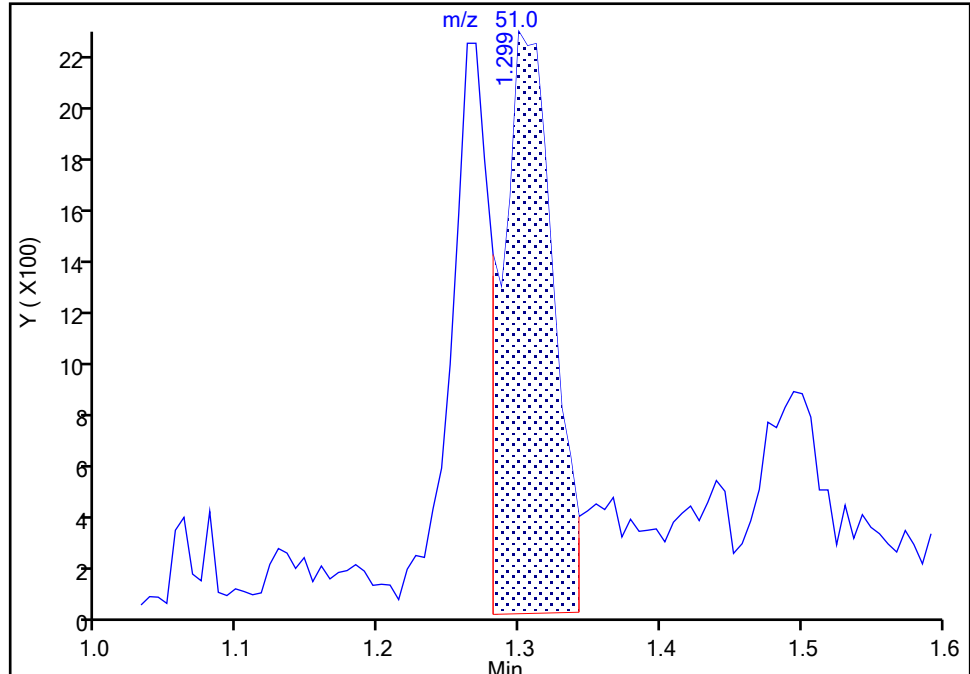
MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

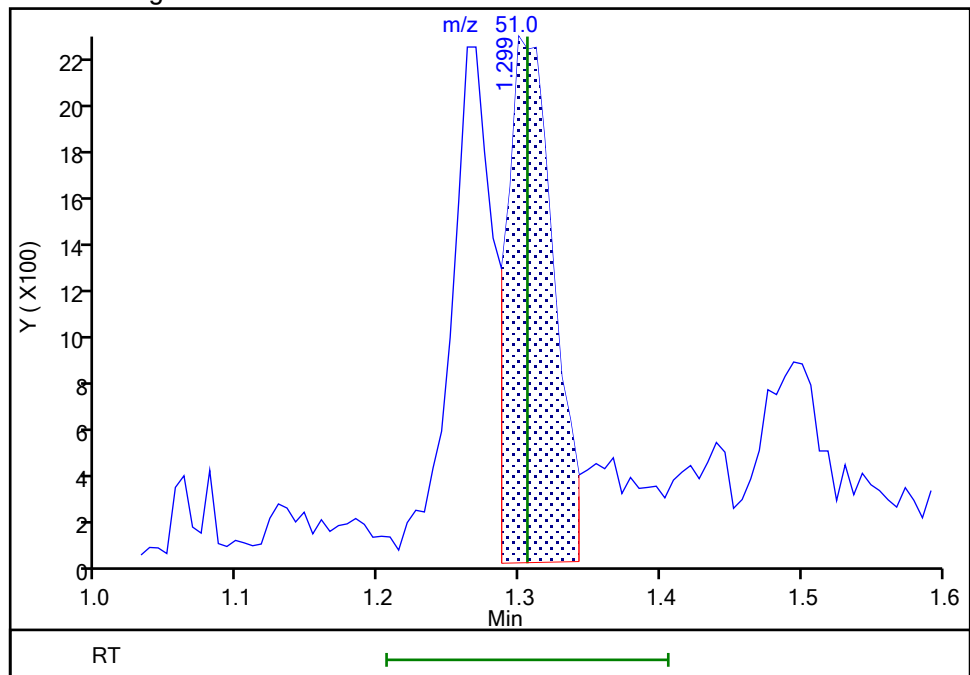
RT: 1.30
Area: 5550
Amount: 1.044480
Amount Units: ug/l

Processing Integration Results



RT: 1.30
Area: 5059
Amount: 0.967467
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:33:17

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

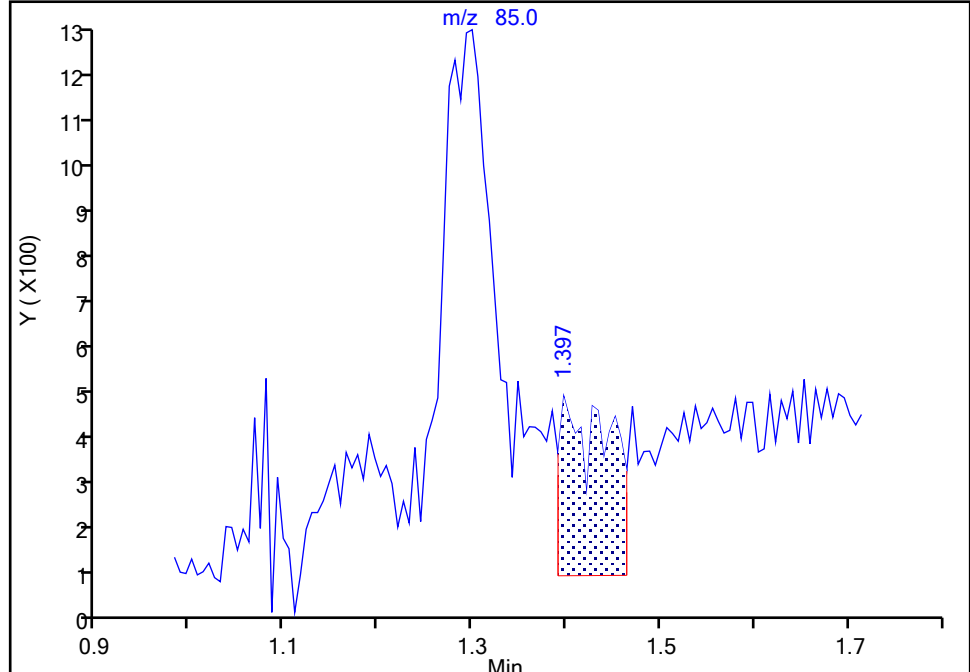
Detector: MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

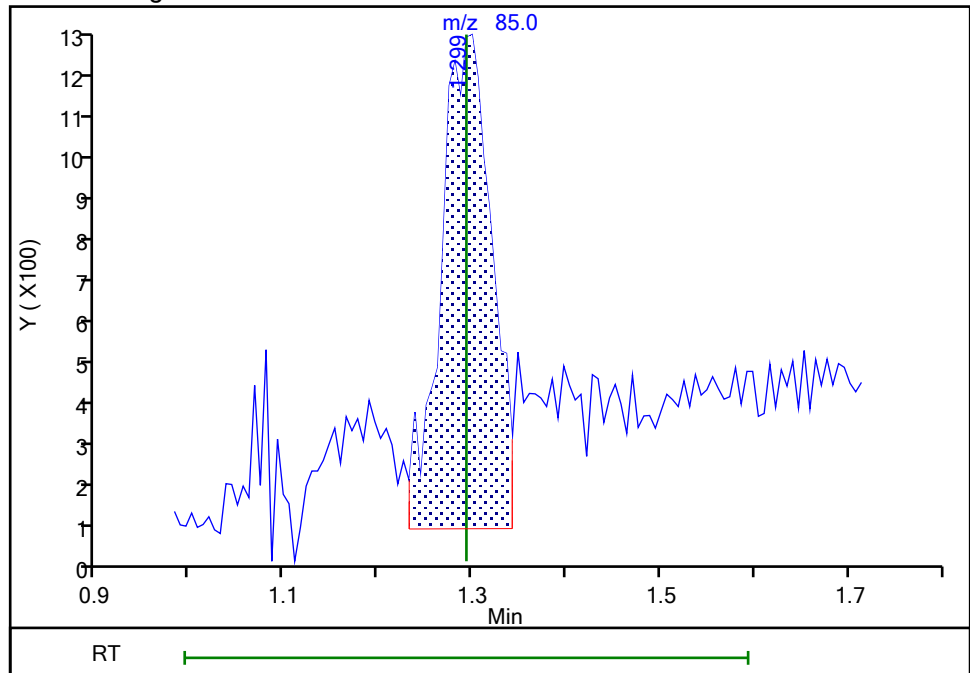
RT: 1.40
Area: 1477
Amount: 0.280686
Amount Units: ug/l

Processing Integration Results



RT: 1.30
Area: 4570
Amount: 0.801197
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:40:20

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

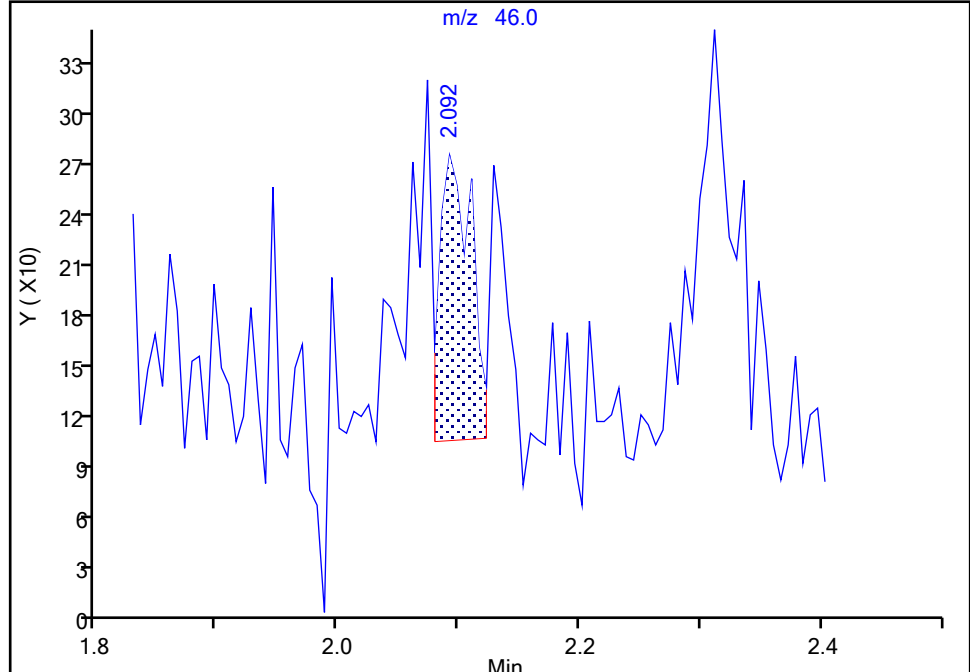
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

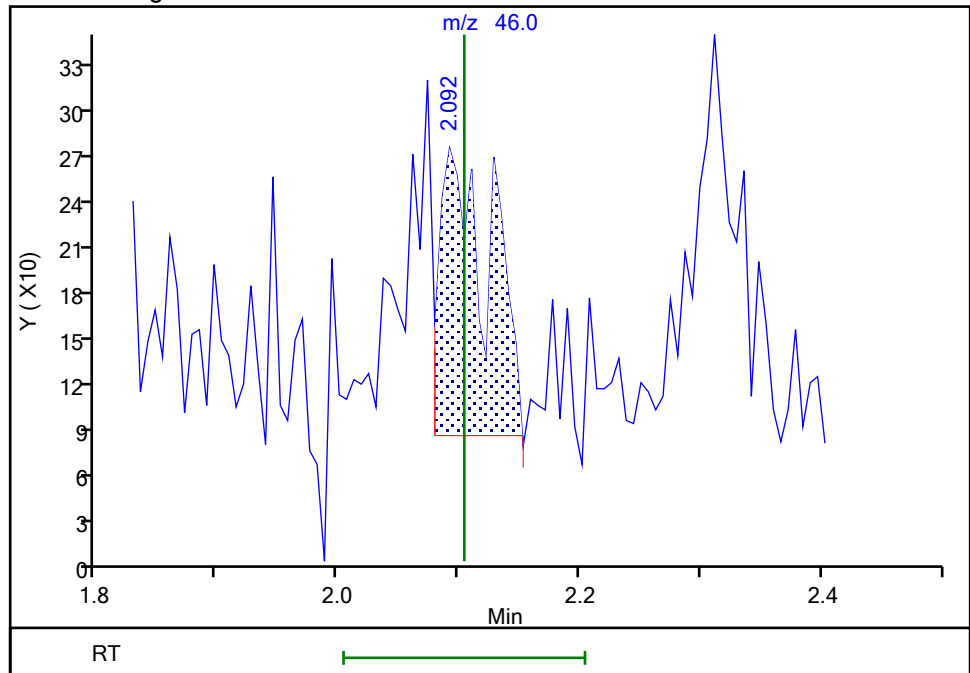
RT: 2.09
Area: 315
Amount: 14.861245
Amount Units: ug/l

Processing Integration Results



RT: 2.09
Area: 549
Amount: 28.919968
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 07:07:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

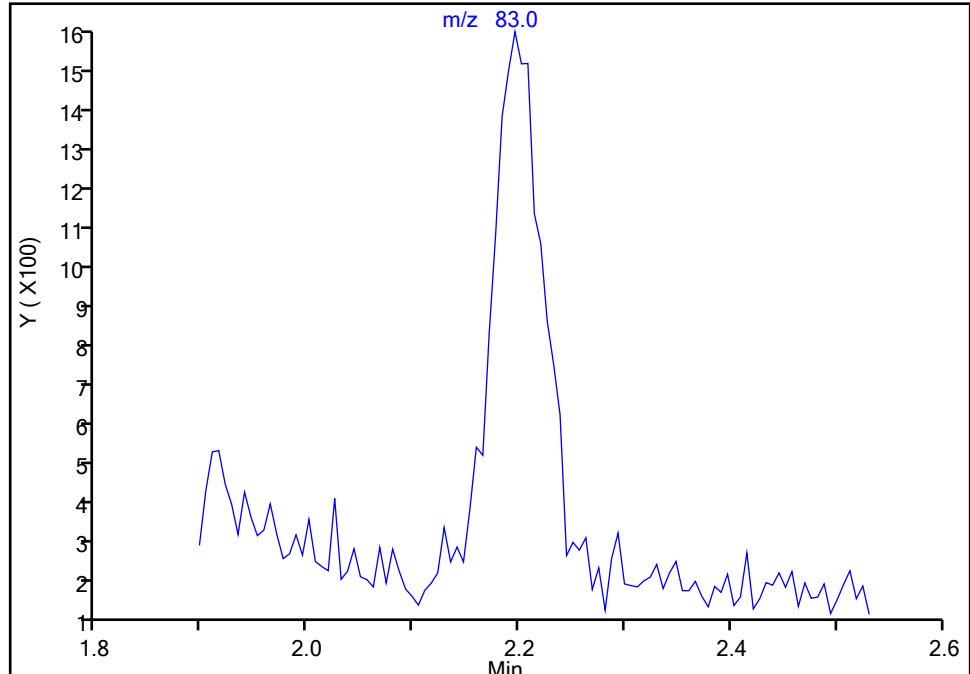
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.20

Processing Integration Results



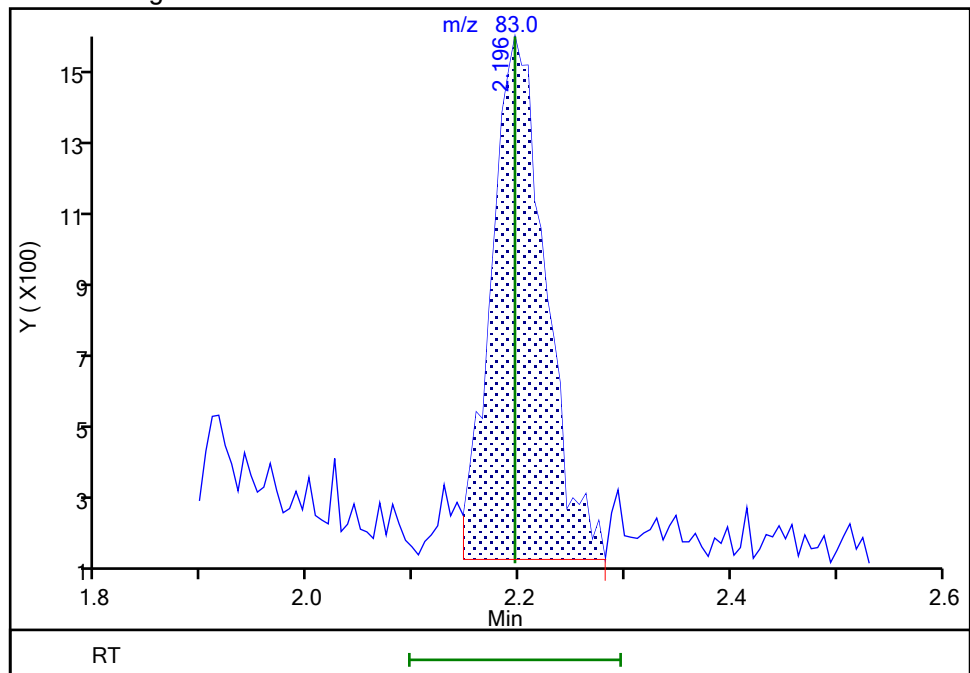
RT: 2.20

Area: 4873

Amount: 0.981784

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:40:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

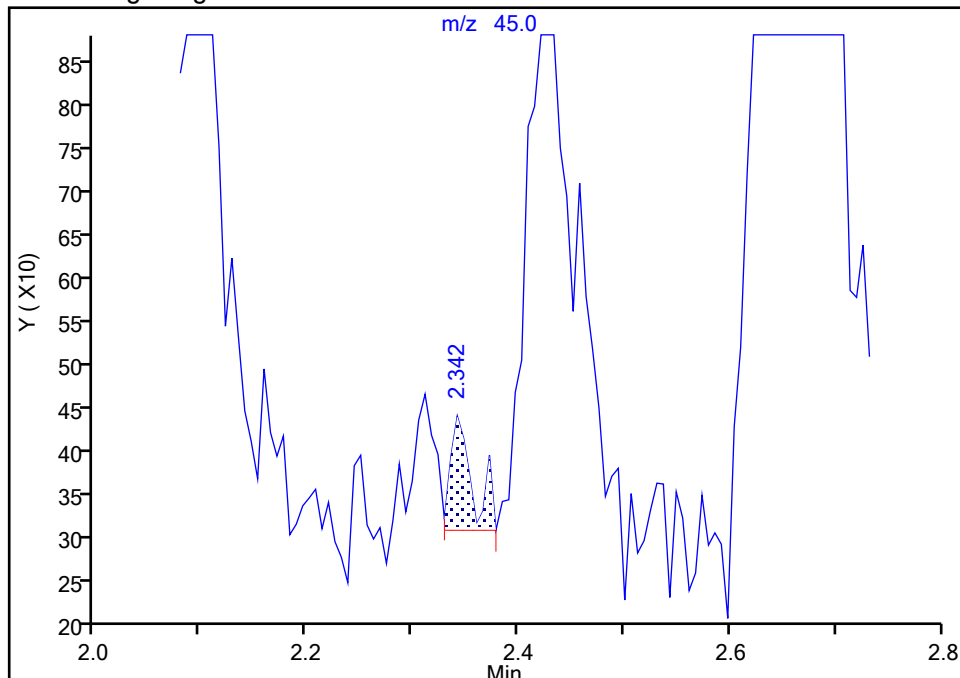
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

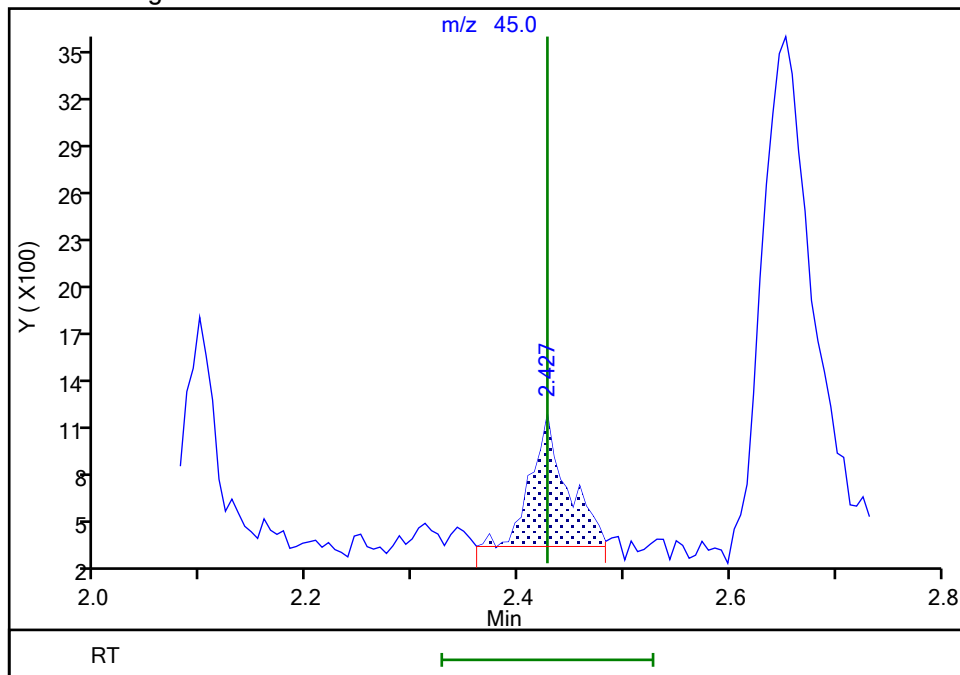
RT: 2.34
Area: 185
Amount: 0.975269
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 2026
Amount: 8.168945
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:40:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

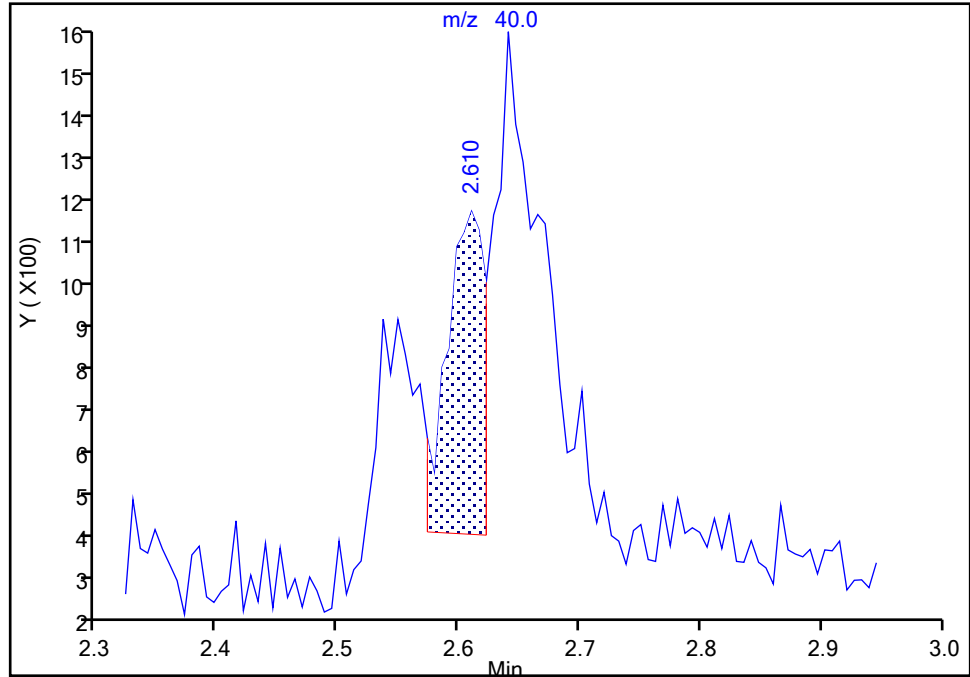
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

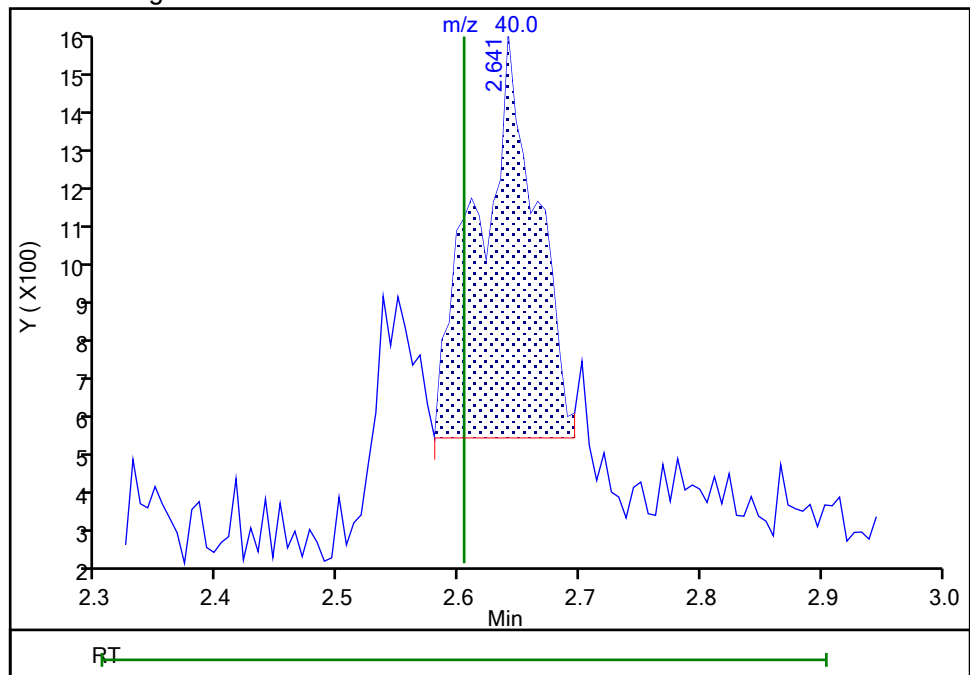
RT: 2.61
Area: 1563
Amount: 4.956848
Amount Units: ug/l

Processing Integration Results



RT: 2.64
Area: 3295
Amount: 10.736523
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:40:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

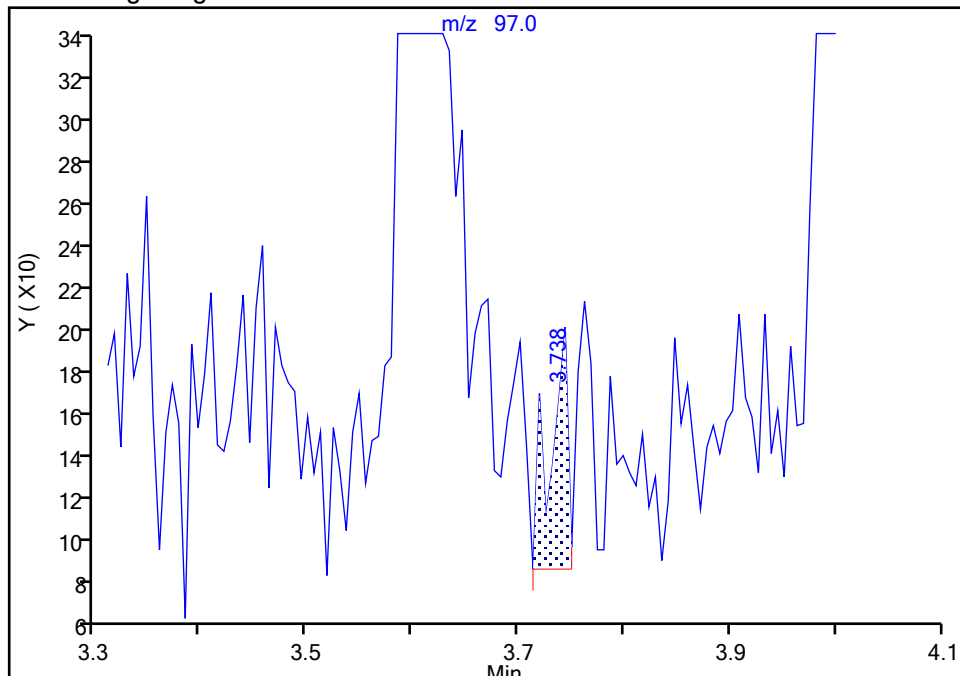
MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

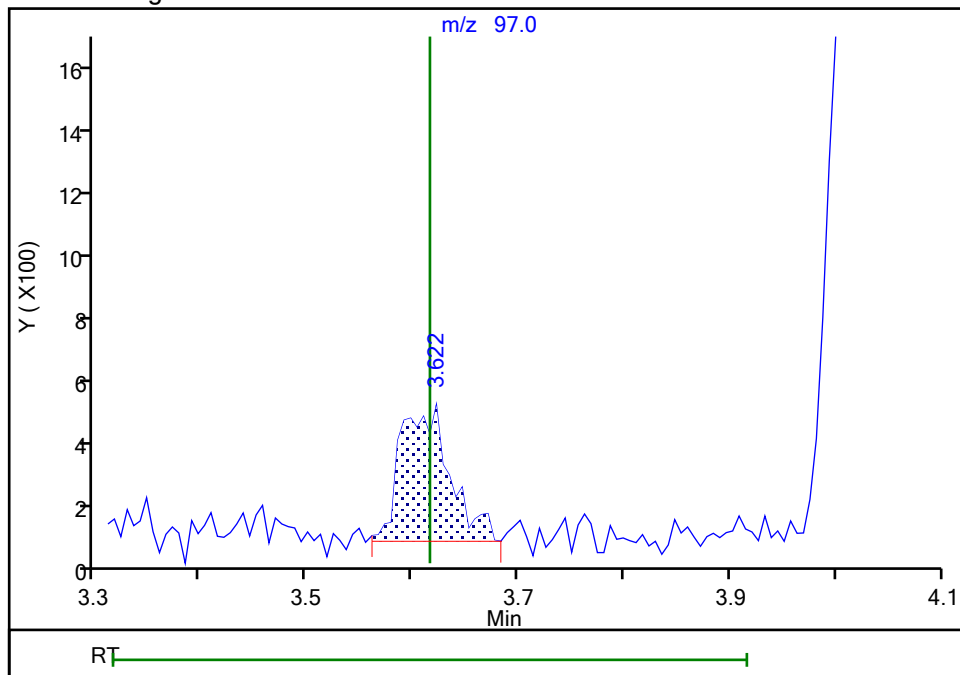
RT: 3.74
Area: 131
Amount: 0.134663
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 1323
Amount: 1.215117
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:41:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

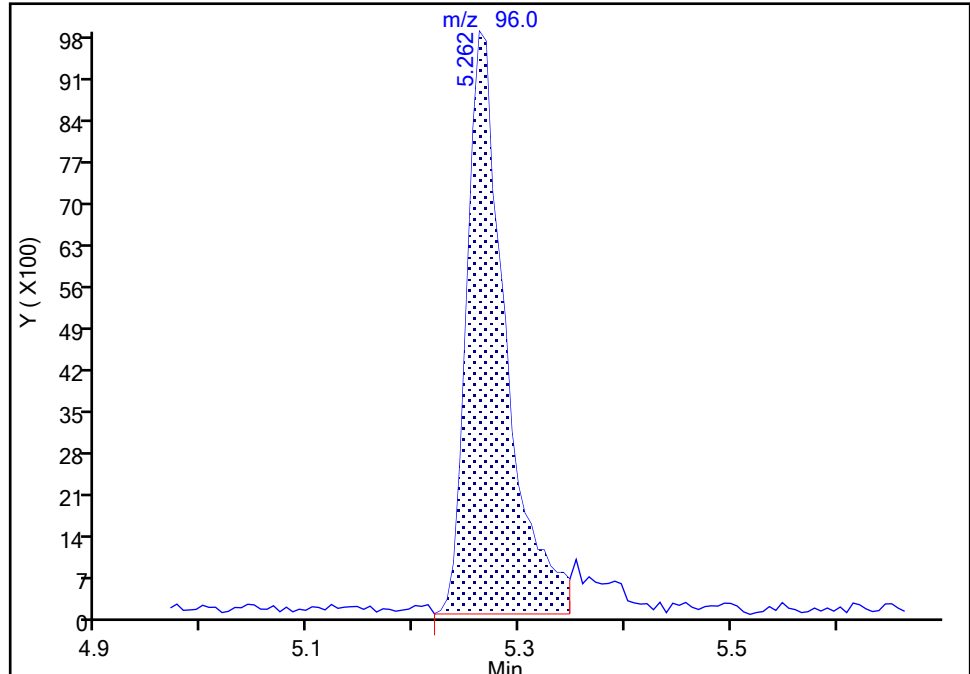
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

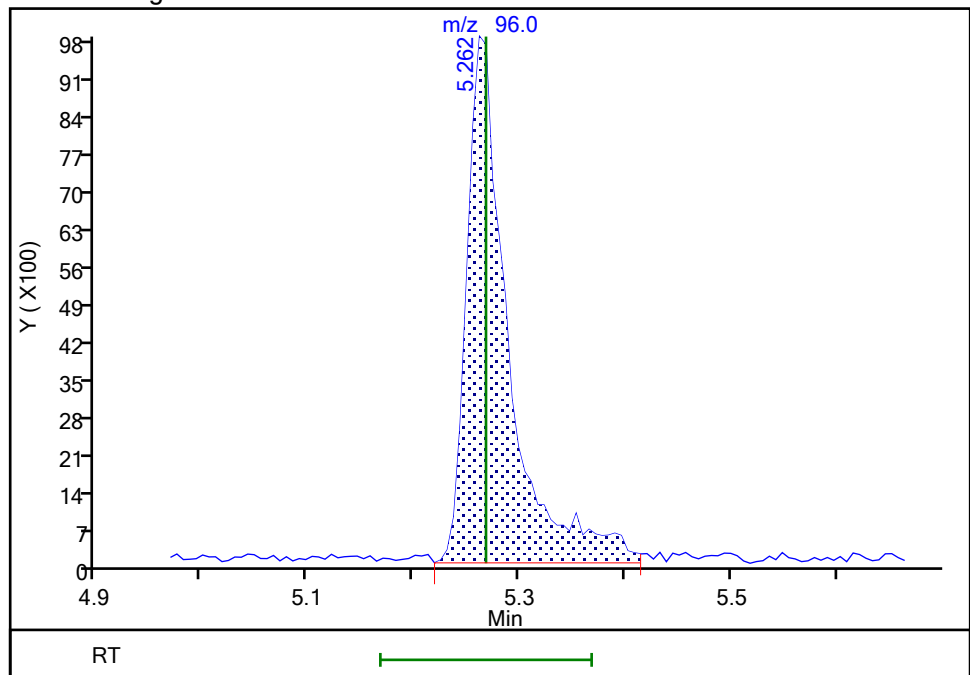
RT: 5.26
Area: 24766
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 26669
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:32:31

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133021.D

Injection Date: 13-Nov-2020 01:37:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

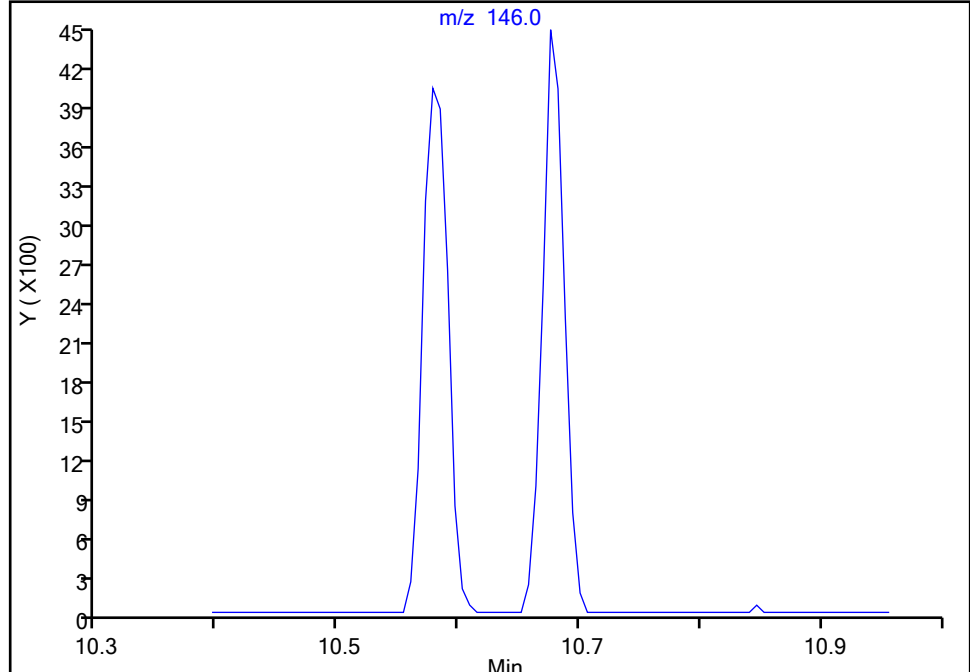
122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

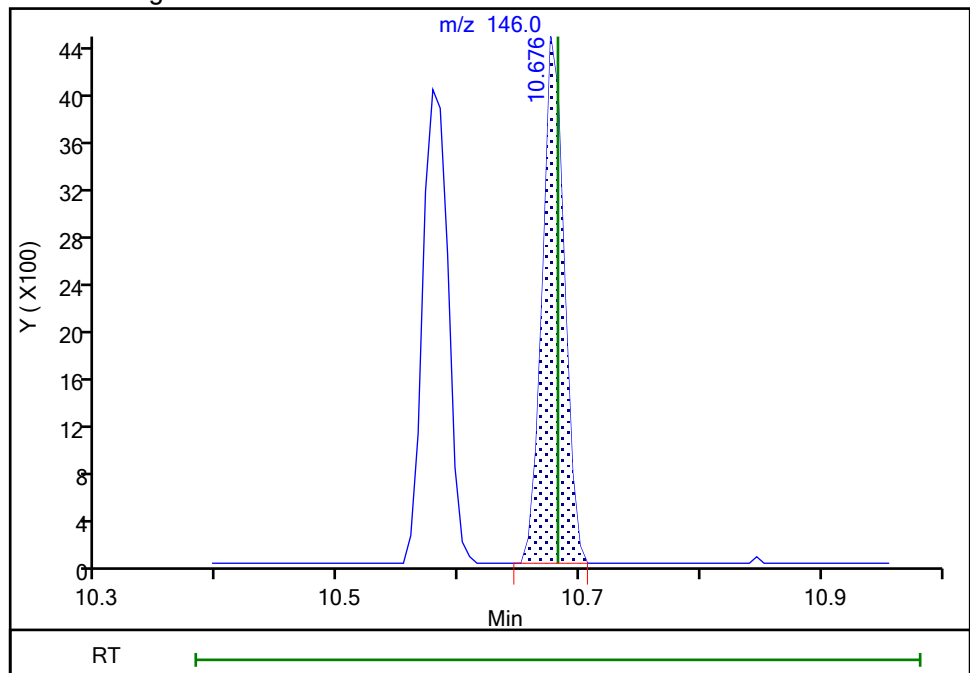
Not Detected

Expected RT: 10.68

Processing Integration Results



Manual Integration Results



RT: 10.68

Area: 5615

Amount: 0.950203

Amount Units: ug/l

Reviewer: asfawa, 13-Nov-2020 11:35:10

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 13-Nov-2020 02:20:30 ALS Bottle#: 4 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0120015-006
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:53:28 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 03:18:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	66	2065	5.00	4.79	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	95	25166	5.00	5.13	M
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	62	7713	5.00	4.92	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	65	28821	5.00	4.87	
5 Chlorodifluoromethane	51	1.306	1.306	0.000	99	30130	5.00	5.56	M
6 Chloromethane	50	1.434	1.434	0.000	98	31970	5.00	4.98	
8 Butadiene	54	1.501	1.501	0.000	96	27922	5.00	4.96	
7 Vinyl chloride	62	1.507	1.507	0.000	97	30443	5.00	4.86	
9 Bromomethane	94	1.720	1.720	0.000	97	21494	5.00	5.55	
10 Chloroethane	64	1.781	1.775	0.006	94	16382	5.00	5.39	
11 Dichlorofluoromethane	67	1.921	1.927	-0.006	97	37867	5.00	4.93	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	57	29021	5.00	5.03	
13 Pentane	72	1.933	1.946	-0.013	97	7026	10.0	10.8	
15 Ethyl ether	74	2.098	2.098	0.000	92	11239	5.00	5.51	
14 Ethanol	46	2.098	2.104	-0.006	81	3952	200.0	201.5	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	17791	5.00	5.22	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.159	-0.012	72	17028	5.00	5.53	a
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.196	0.006	97	29129	5.00	5.66	a
19 Acrolein	56	2.238	2.244	-0.006	95	8745	20.0	18.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	93	18442	5.00	5.64	
21 1,1-Dichloroethene	96	2.275	2.281	-0.006	96	18556	5.00	5.52	
22 Acetone	43	2.348	2.348	0.000	87	29991	25.0	26.7	a
23 Iodomethane	142	2.403	2.409	-0.006	99	33029	5.00	5.58	
25 Isopropyl alcohol	45	2.421	2.427	-0.006	98	14120	50.0	55.1	a
24 Carbon disulfide	76	2.439	2.439	0.000	100	79786	5.00	5.65	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	93	12262	5.00	5.78	
27 Methyl acetate	43	2.549	2.549	0.000	80	30358	10.0	11.5	a
28 Cyclopentene	67	2.555	2.555	0.000	93	47367	5.00	5.45	
29 Acetonitrile	40	2.598	2.604	-0.006	95	18641	50.0	54.9	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	100	45015	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.647	2.653	-0.006	97	22419	5.00	5.52	
32 2-Methyl-2-propanol	59	2.708	2.714	-0.006	97	20397	50.0	55.4	
33 Methyl tert-butyl ether	73	2.799	2.793	0.006	97	52218	5.00	5.78	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	18635	5.00	5.46	
35 Acrylonitrile	53	2.872	2.878	-0.006	95	80178	50.0	56.5	
36 Hexane	57	2.945	2.945	0.000	94	26278	5.00	5.50	
37 Isopropyl ether	45	3.141	3.141	0.000	95	71437	5.00	5.82	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	34635	5.00	5.58	
39 Vinyl acetate	86	3.177	3.177	0.000	100	7551	10.0	10.3	
40 2-Chloro-1,3-butadiene	88	3.195	3.202	-0.007	91	16567	5.00	5.74	
41 Tert-butyl ethyl ether	59	3.421	3.427	-0.006	88	61621	5.00	5.84	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	99	353509	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	48	6708	5.00	5.94	a
44 cis-1,2-Dichloroethene	96	3.622	3.628	-0.006	94	20474	5.00	5.47	
45 2-Butanone (MEK)	72	3.647	3.647	0.000	96	11690	25.0	27.4	
46 Ethyl acetate	70	3.659	3.653	0.006	96	4751	10.0	12.6	
47 Methyl acrylate	55	3.701	3.701	0.000	99	17082	5.00	5.74	
48 Propionitrile	54	3.768	3.768	0.000	99	29960	50.0	58.3	
49 Chlorobromomethane	128	3.829	3.829	0.000	96	10120	5.00	5.68	
50 Tetrahydrofuran	72	3.842	3.836	0.006	92	5605	10.0	12.0	
51 Methacrylonitrile	67	3.854	3.860	-0.006	93	82386	50.0	60.2	
52 Chloroform	83	3.878	3.884	-0.006	98	31781	5.00	5.63	
53 Cyclohexane	84	3.994	3.994	0.000	93	28492	5.00	5.38	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	99	29431	5.00	5.80	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.001	97	132943	50.0	50.4	
56 Carbon tetrachloride	117	4.122	4.116	0.006	98	22861	5.00	5.36	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	96	23682	5.00	5.37	
58 Isobutyl alcohol	43	4.293	4.287	0.006	95	40712	125.0	153.7	
59 Isooctane	57	4.305	4.311	-0.006	98	73720	5.00	5.38	
60 Benzene	78	4.323	4.329	-0.006	96	71839	5.00	6.07	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.348	-0.006	95	151398	50.0	50.3	
62 Tert-amyl methyl ether	73	4.403	4.396	0.006	74	69170	5.00	6.23	
63 Isopropyl acetate	61	4.403	4.409	-0.007	94	10649	5.00	5.84	
64 1,2-Dichloroethane	62	4.415	4.415	0.000	96	22494	5.00	5.50	
65 n-Heptane	100	4.482	4.488	-0.006	96	4495	5.00	5.44	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	524477	50.0	50.0	
67 n-Butanol	56	4.915	4.908	0.007	88	15461	125.0	133.5	a
68 Trichloroethene	95	4.927	4.927	0.000	95	17131	5.00	5.36	
69 Methylcyclohexane	83	5.043	5.043	0.000	94	32849	5.00	5.39	
70 Ethyl acrylate	99	5.067	5.061	0.006	98	3096	5.00	5.78	a
71 1,2-Dichloropropane	63	5.201	5.201	0.000	91	18953	5.00	5.64	
* 72 1,4-Dioxane-d8	96	5.262	5.268	-0.006	91	26061	1000.0	1000.0	M
73 Methyl methacrylate	100	5.293	5.293	0.000	93	8711	10.0	11.2	
75 1,4-Dioxane	88	5.317	5.317	0.000	46	4095	100.0	114.8	
74 Dibromomethane	93	5.317	5.323	-0.006	94	11539	5.00	5.46	
76 n-Propyl acetate	43	5.354	5.354	0.000	99	26952	5.00	5.47	
77 Dichlorobromomethane	83	5.469	5.469	0.000	99	23530	5.00	5.39	
78 2-Nitropropane	41	5.799	5.799	0.000	85	9796	10.0	11.1	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	89	11500	5.01	5.43	
80 Epichlorohydrin	57	5.902	5.902	0.000	99	41141	100.0	114.3	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	92	29077	5.00	5.87	
82 4-Methyl-2-pentanone (MIBK)	43	6.122	6.122	0.000	97	99226	25.0	28.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.183	6.183	0.000	99	461483	50.0	53.0	
84 Toluene	91	6.256	6.256	0.000	93	67839	5.00	5.88	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	97	25780	5.00	5.85	
86 Ethyl methacrylate	69	6.652	6.652	0.000	93	22103	5.00	5.79	
87 1,1,2-Trichloroethane	83	6.804	6.811	-0.007	96	12716	5.00	5.57	
88 Tetrachloroethene	166	6.835	6.835	0.000	95	15279	5.00	5.71	
89 1,3-Dichloropropane	76	7.006	7.006	0.000	95	24999	5.00	5.91	
90 2-Hexanone	43	7.091	7.091	0.000	97	61277	25.0	27.8	
91 n-Butyl acetate	43	7.213	7.213	0.000	98	29975	5.00	6.08	
92 Chlorodibromomethane	129	7.219	7.225	-0.006	70	16147	5.00	5.93	
93 Ethylene Dibromide	107	7.365	7.365	0.000	99	14758	5.00	5.75	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	88	338864	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	93	39769	5.00	5.61	
96 Ethylbenzene	106	8.054	8.054	0.000	99	22358	5.00	5.70	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	95	17280	5.00	5.98	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	97	28659	5.00	5.95	
99 o-Xylene	106	8.719	8.725	-0.006	93	28716	5.00	5.69	
100 n-Butyl acrylate	73	8.749	8.749	0.000	98	14871	5.00	6.15	
101 Styrene	104	8.761	8.761	0.000	92	45572	5.00	5.77	
102 Bromoform	173	9.011	9.011	0.000	96	11029	5.00	5.97	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	90	35523	5.00	5.81	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	79690	5.00	5.72	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	130825	50.0	50.5	
106 Bromobenzene	156	9.578	9.578	0.000	95	17230	5.00	5.41	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	22482	5.00	5.81	
108 N-Propylbenzene	91	9.688	9.688	0.000	99	95013	5.00	5.61	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	98	6022	5.00	6.38	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	90	5438	5.00	5.51	
111 2-Chlorotoluene	91	9.798	9.798	0.000	97	64142	5.00	5.71	
112 4-Ethyltoluene	105	9.828	9.828	0.000	99	76020	5.00	5.72	
113 1,3,5-Trimethylbenzene	105	9.908	9.908	0.000	92	66351	5.00	5.68	
114 4-Chlorotoluene	91	9.932	9.932	0.000	98	62182	5.00	5.85	
115 Butyl Methacrylate	87	10.054	10.054	0.000	92	22461	5.00	5.44	
116 tert-Butylbenzene	119	10.231	10.231	0.000	94	53364	5.00	5.58	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	68108	5.00	5.62	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	87894	5.00	5.55	
119 1,3-Dichlorobenzene	146	10.578	10.578	0.000	95	35206	5.00	5.64	
120 4-Isopropyltoluene	119	10.609	10.609	0.000	98	73678	5.00	5.62	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	178073	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	92	35388	5.00	5.84	
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	99	71955	5.00	5.71	
124 Benzyl chloride	91	10.828	10.828	0.000	98	43051	5.00	5.64	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	94	66319	5.00	5.75	
126 p-Diethylbenzene	119	10.968	10.968	0.000	92	39086	5.00	5.59	
127 n-Butylbenzene	92	10.993	10.993	0.000	98	42436	5.00	5.67	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	95	35257	5.00	5.88	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	96	76071	5.00	5.47	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	96	4963	5.00	5.76	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	31809	5.00	5.44	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	94	30939	5.00	5.49	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	93	13361	5.00	5.21	
134 Naphthalene	128	12.547	12.547	0.000	99	72264	5.00	5.61	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.736	12.730	0.006	95	27692	5.00	5.48	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.9	
S 137 Xylenes, Total	100				0		10.0	11.6	
S 138 Total 1,2-dichloroethene	1				0			10.9	
S 139 1,3-Dichloropropene, Total	1				0		10.0	11.7	
S 140 Total BTEX	1				0		25.0	29.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00115	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00128	Amount Added: 10.00	Units: uL	
524freon_00029	Amount Added: 10.00	Units: uL	
GASES Li_00394	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

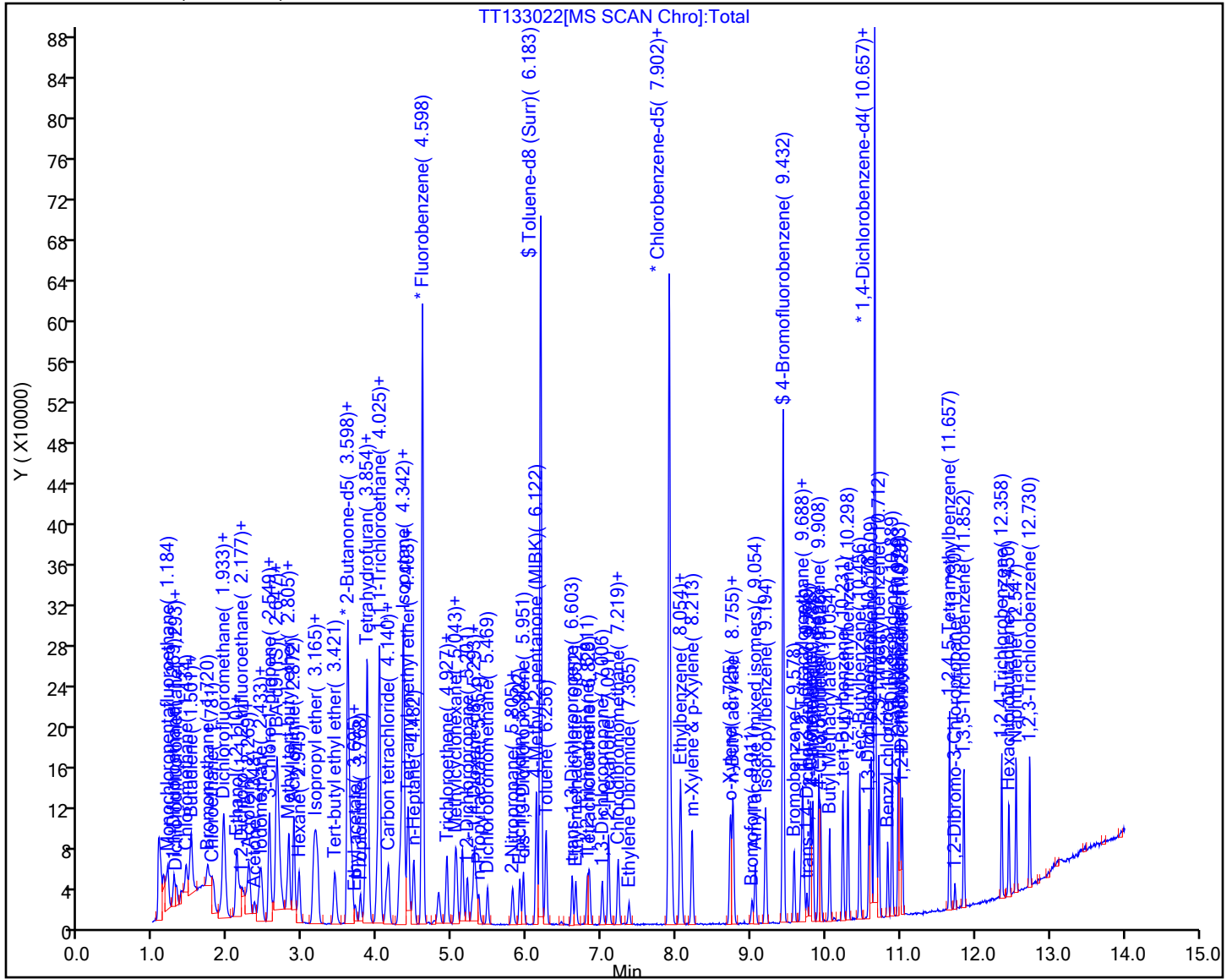
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

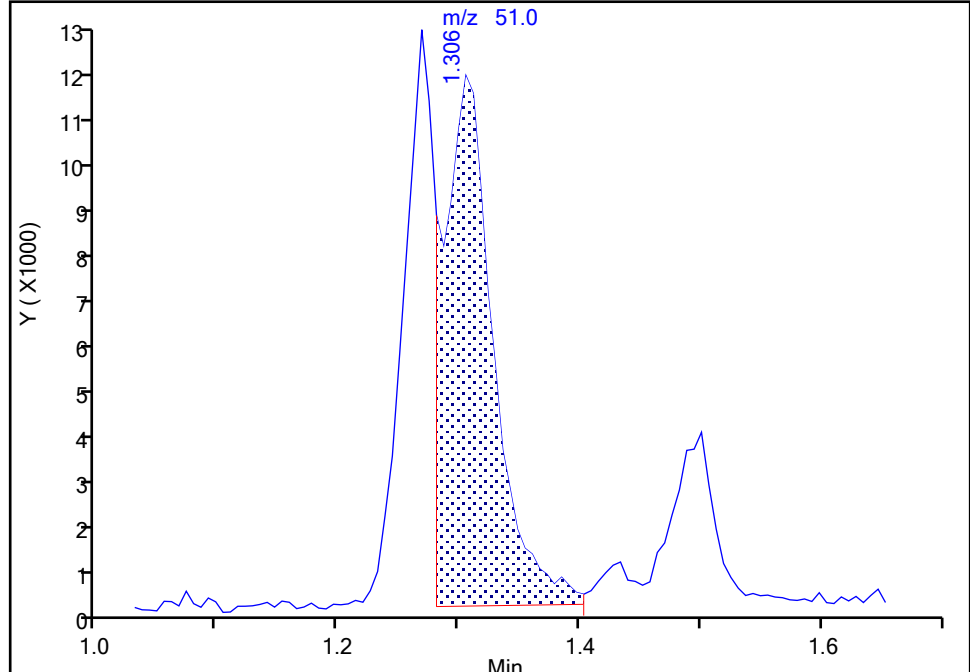
Detector: MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

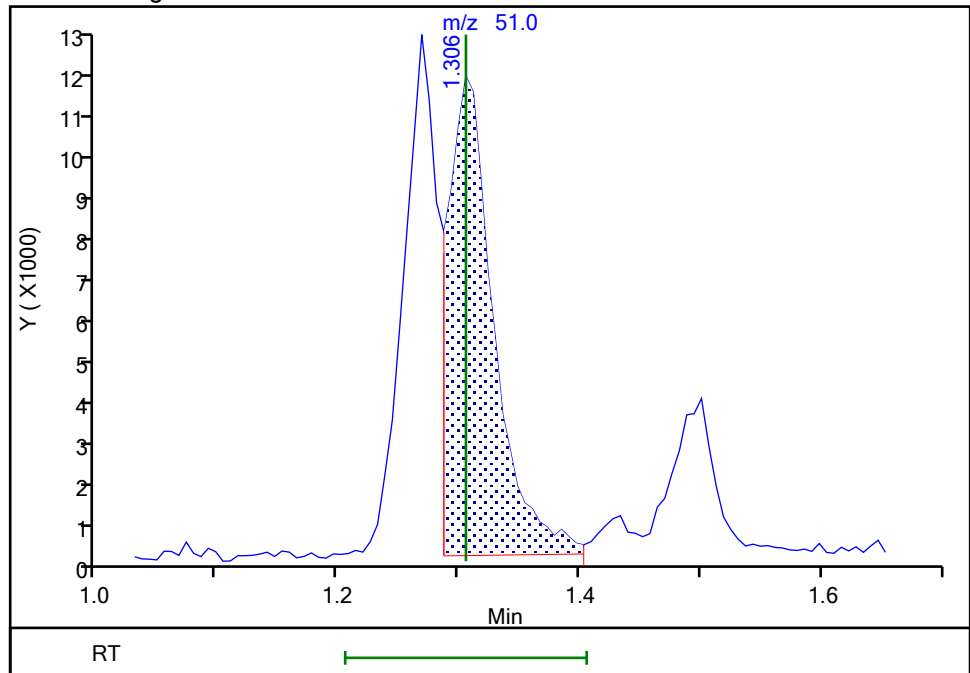
RT: 1.31
Area: 33180
Amount: 6.104976
Amount Units: ug/l

Processing Integration Results



RT: 1.31
Area: 30130
Amount: 5.559039
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:38:05

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

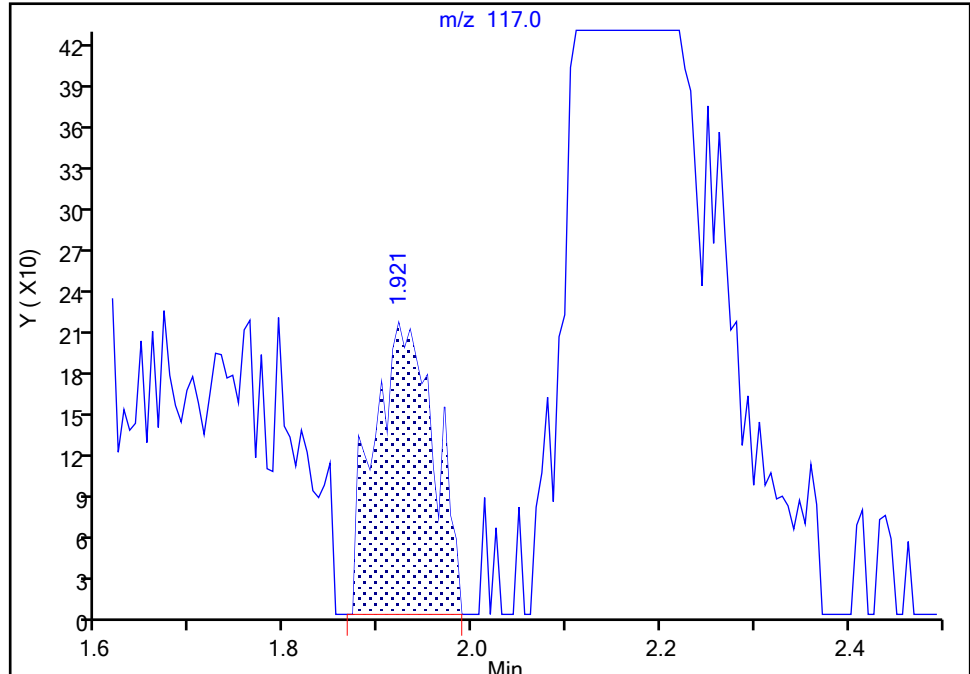
Detector: MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

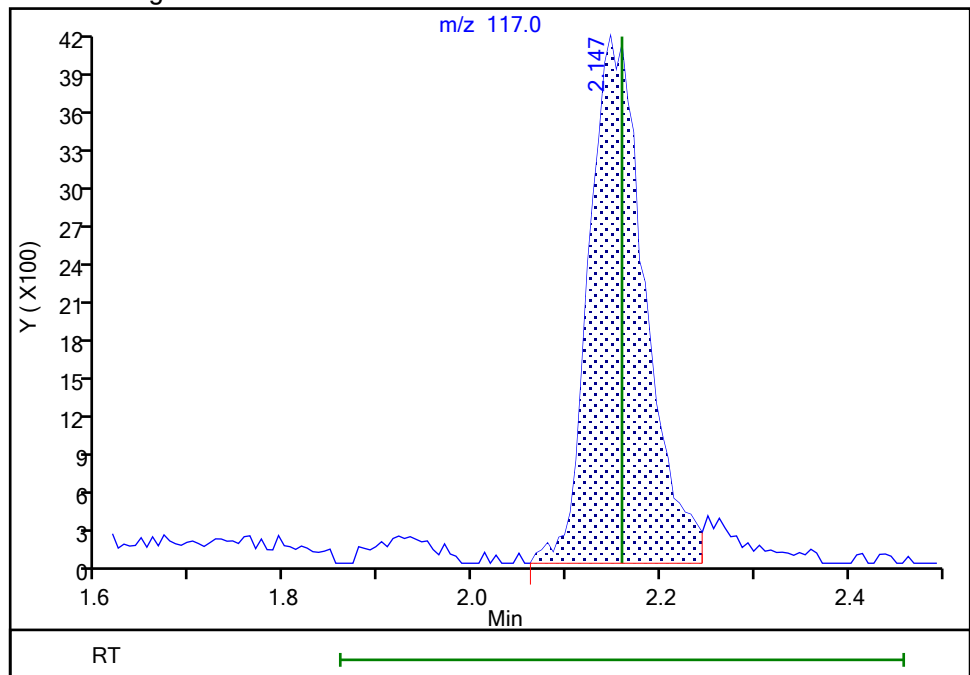
RT: 1.92
Area: 936
Amount: 0.540161
Amount Units: ug/l

Processing Integration Results



RT: 2.15
Area: 17028
Amount: 5.534545
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:15:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

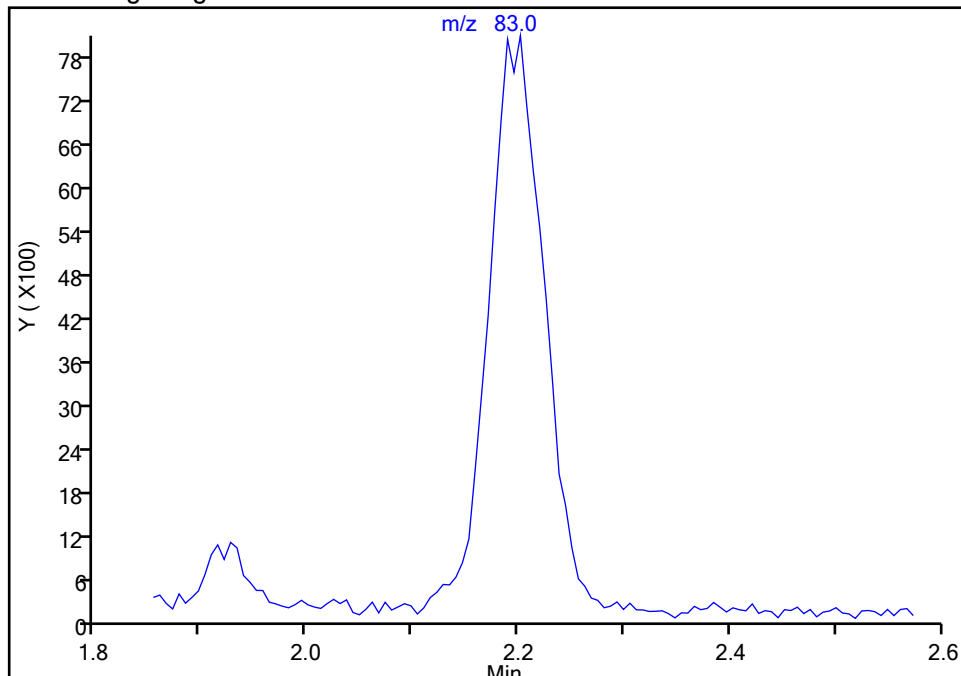
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.20

Processing Integration Results



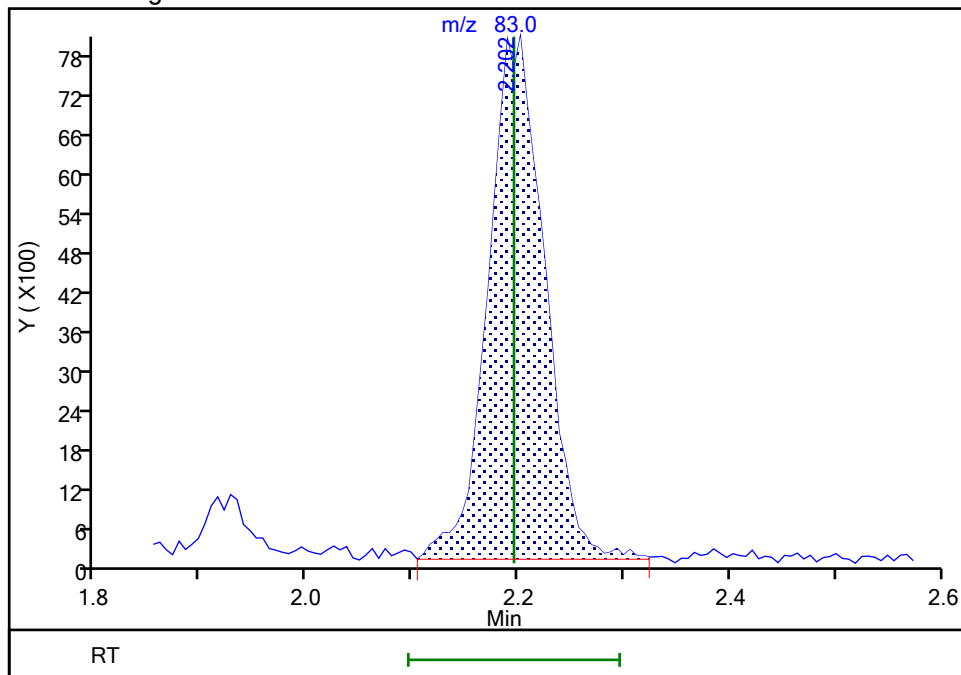
RT: 2.20

Area: 29129

Amount: 5.662056

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:15:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

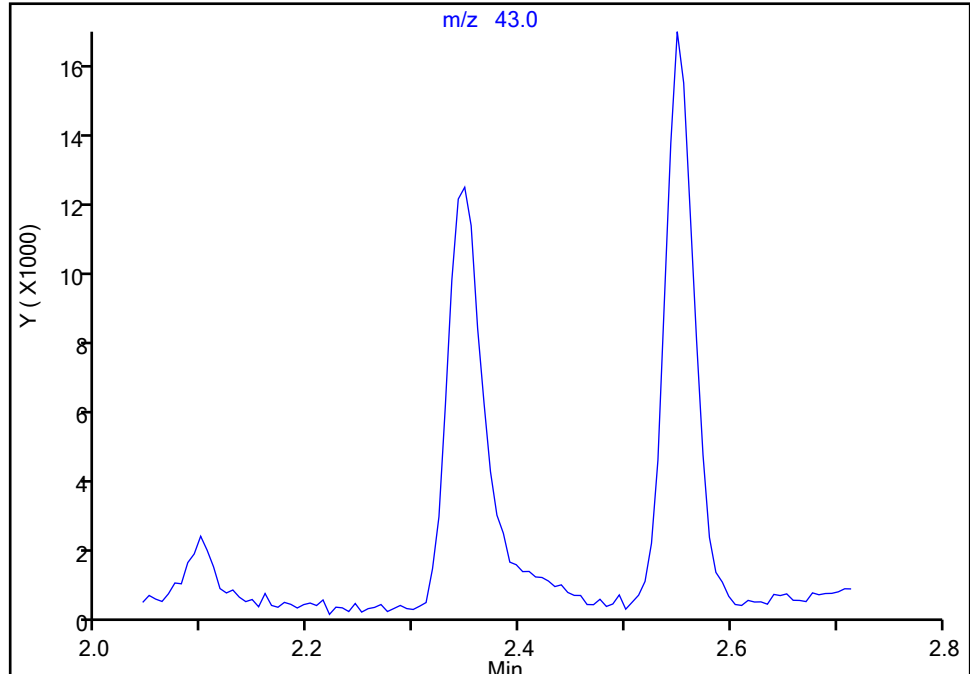
22 Acetone, CAS: 67-64-1

Signal: 1

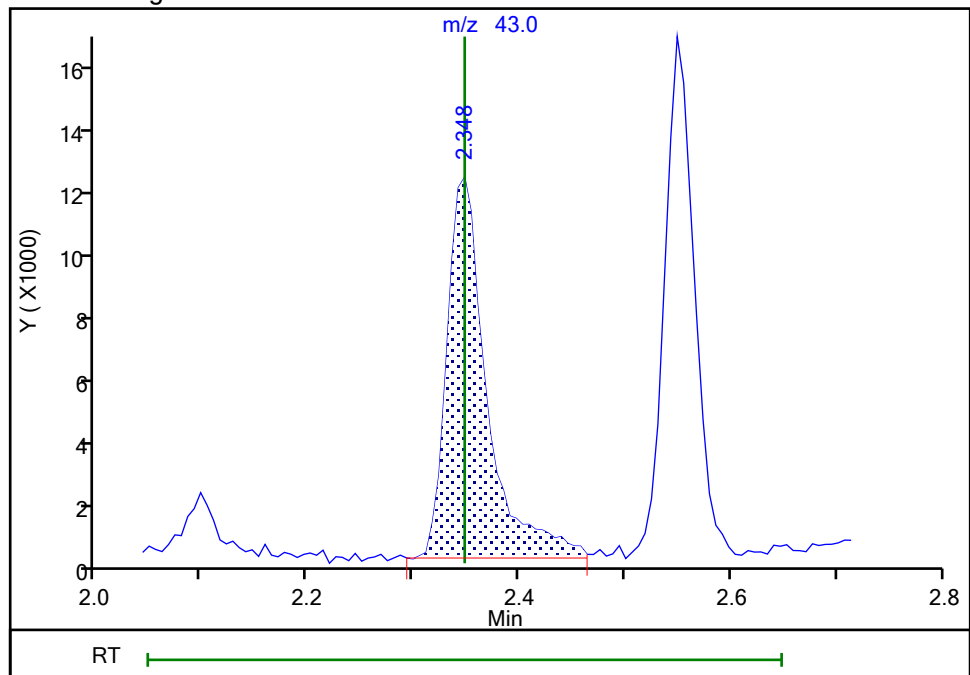
Not Detected

Expected RT: 2.35

Processing Integration Results



Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:16:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

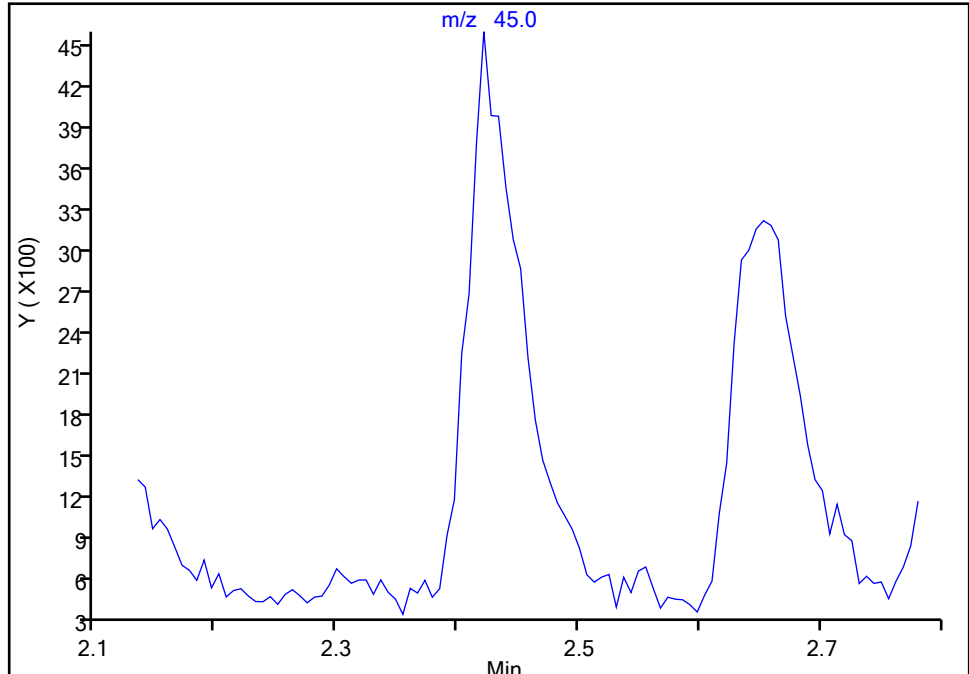
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

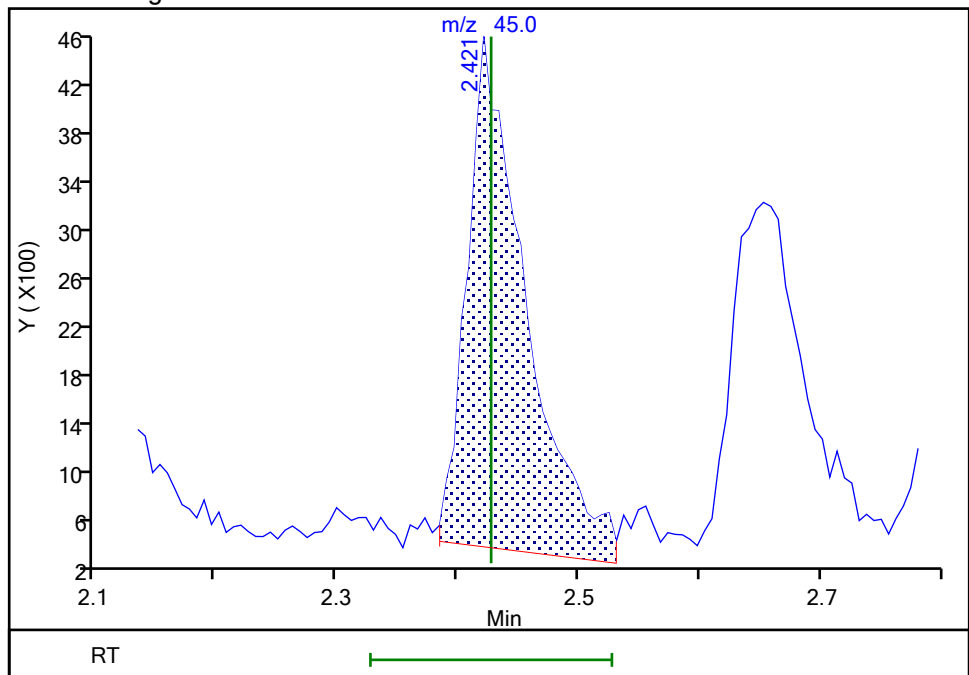
Expected RT: 2.43

Processing Integration Results



RT: 2.42
Area: 14120
Amount: 55.093683
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:16:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

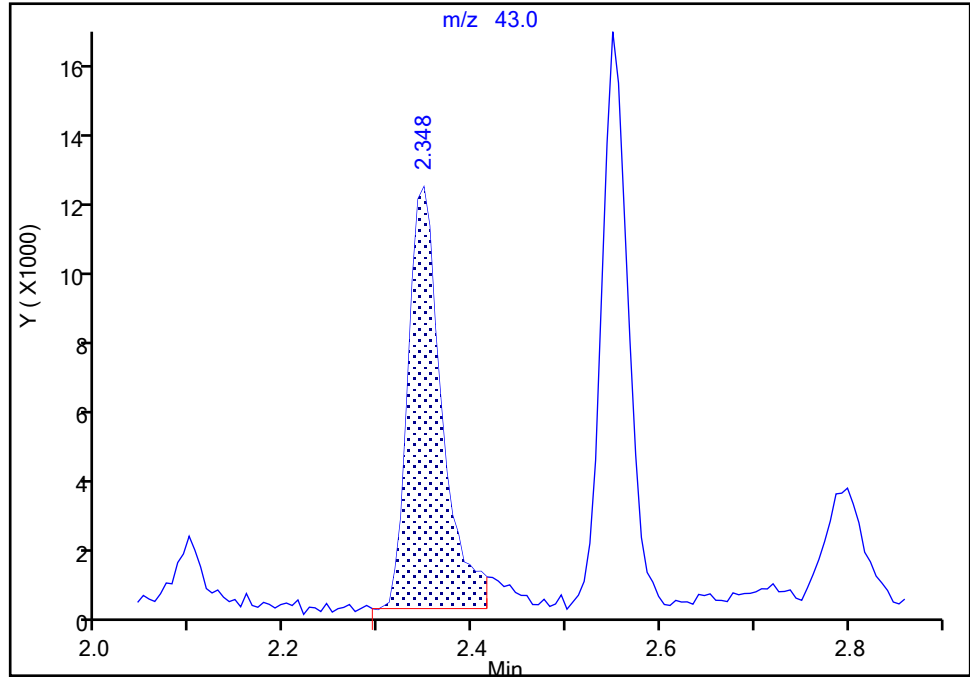
Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

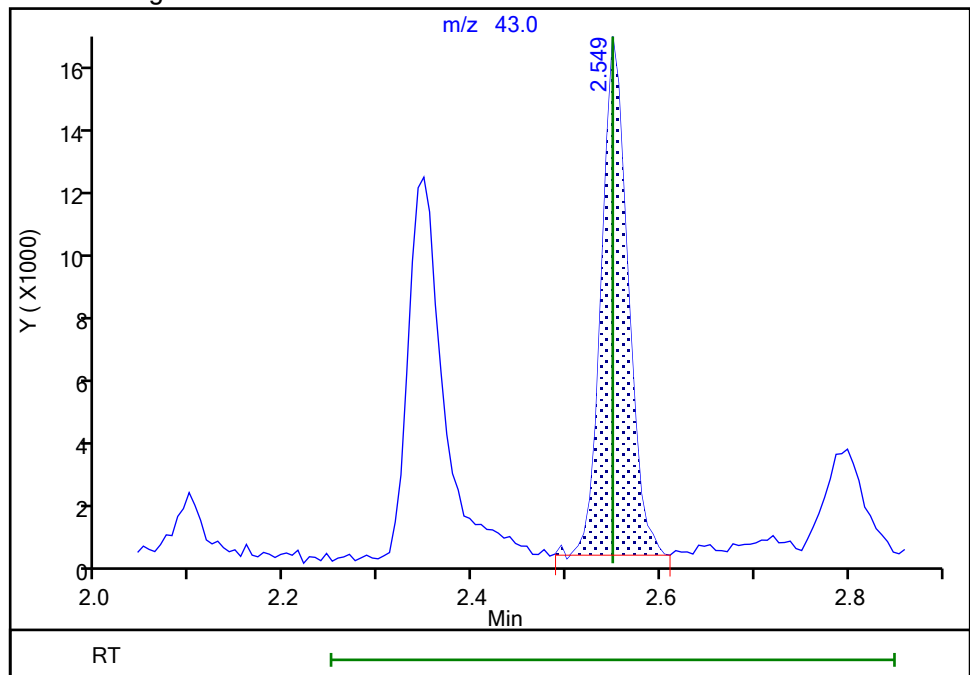
RT: 2.35
Area: 28496
Amount: 10.482137
Amount Units: ug/l

Processing Integration Results



RT: 2.55
Area: 30358
Amount: 11.467732
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:33:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

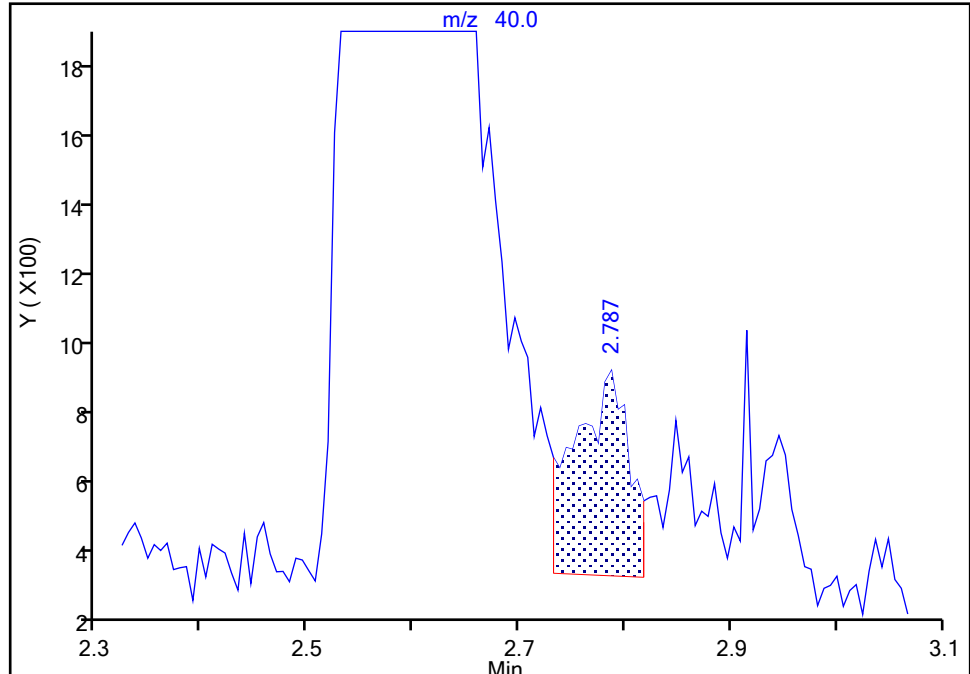
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

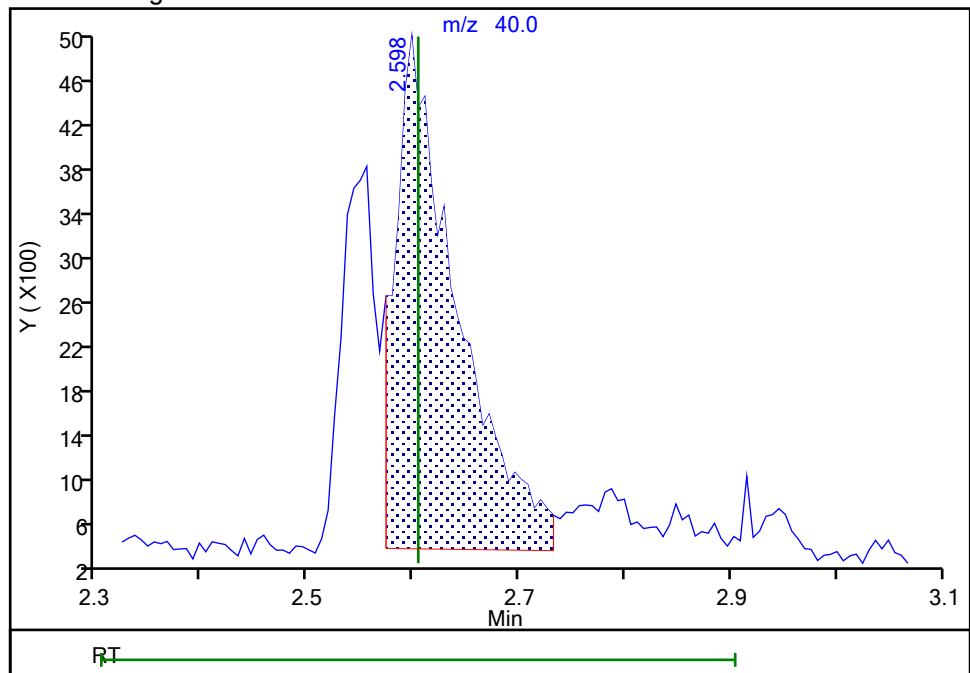
RT: 2.79
Area: 2041
Amount: 42.929039
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 18641
Amount: 54.860305
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:20:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

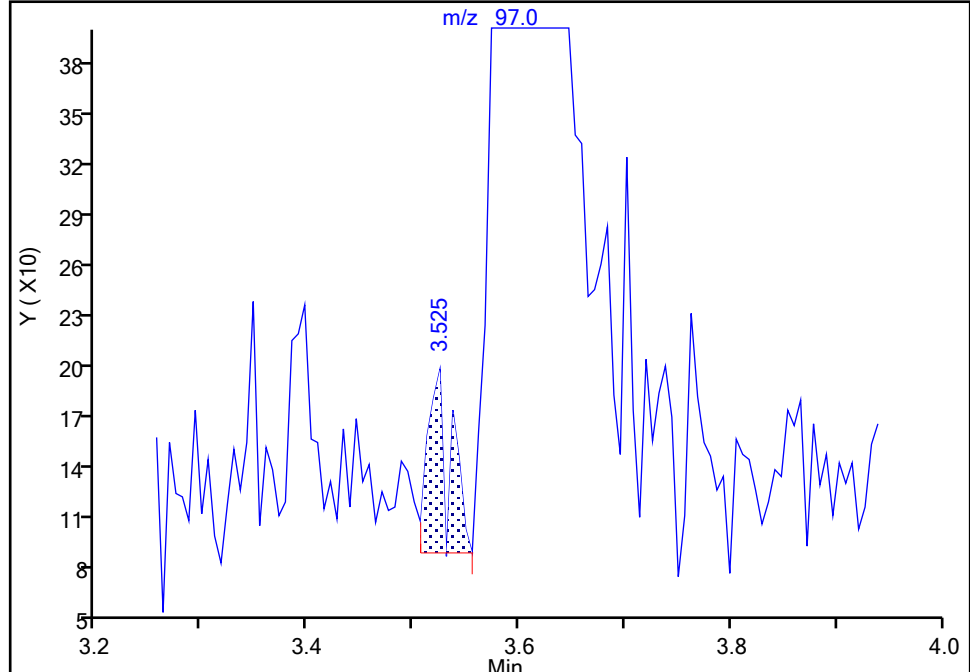
Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

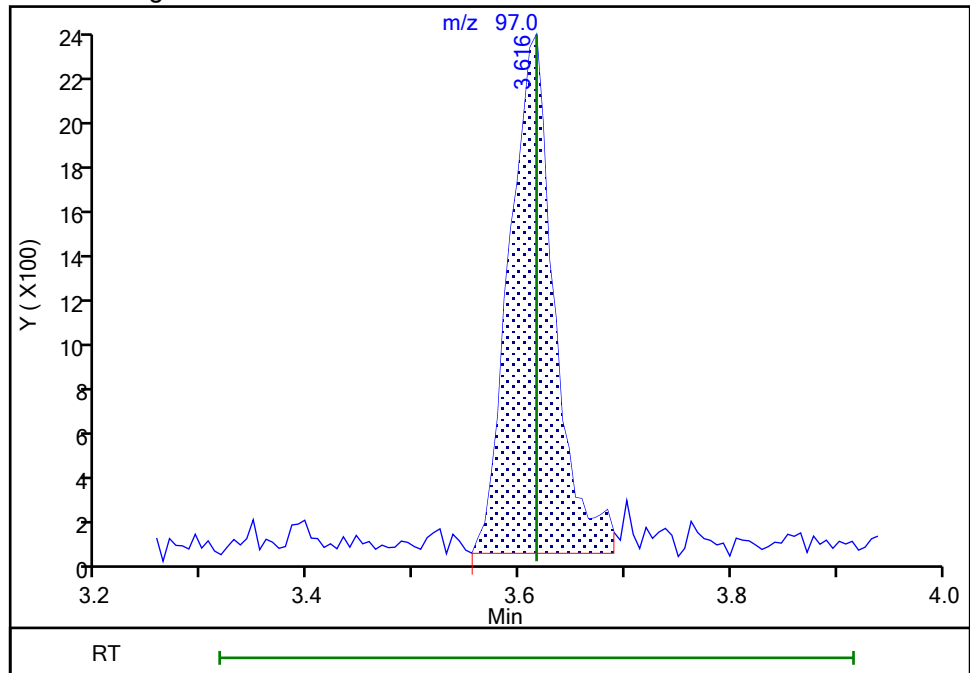
RT: 3.52
Area: 160
Amount: 0.274078
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 6708
Amount: 5.942180
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:17:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

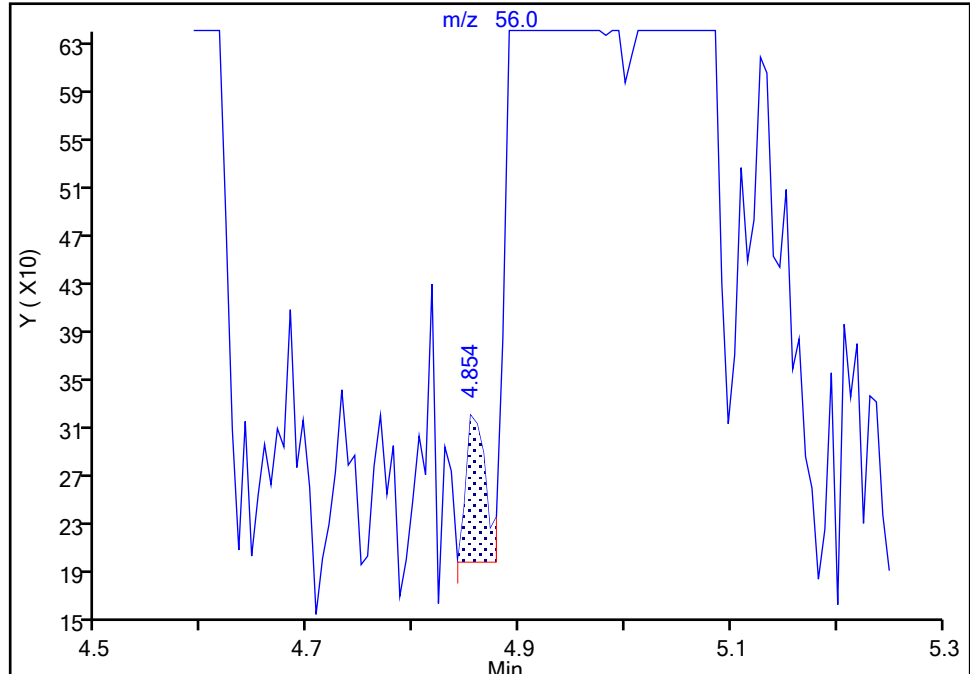
Detector: MS Quad

67 n-Butanol, CAS: 71-36-3

Signal: 1

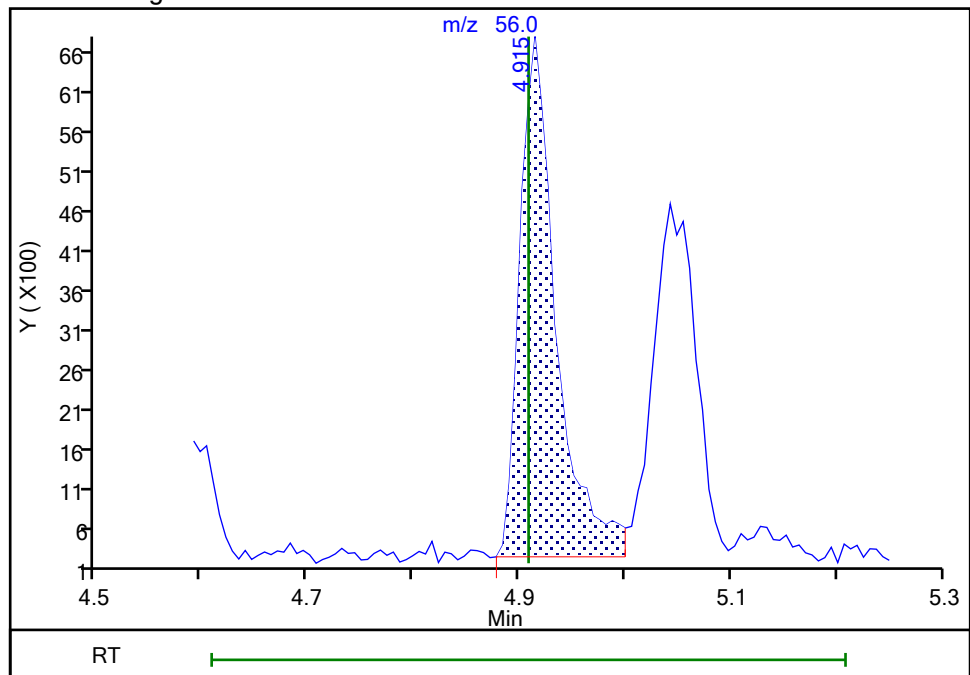
RT: 4.85
Area: 159
Amount: 1.980046
Amount Units: ug/l

Processing Integration Results



RT: 4.91
Area: 15461
Amount: 133.4926
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:17:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

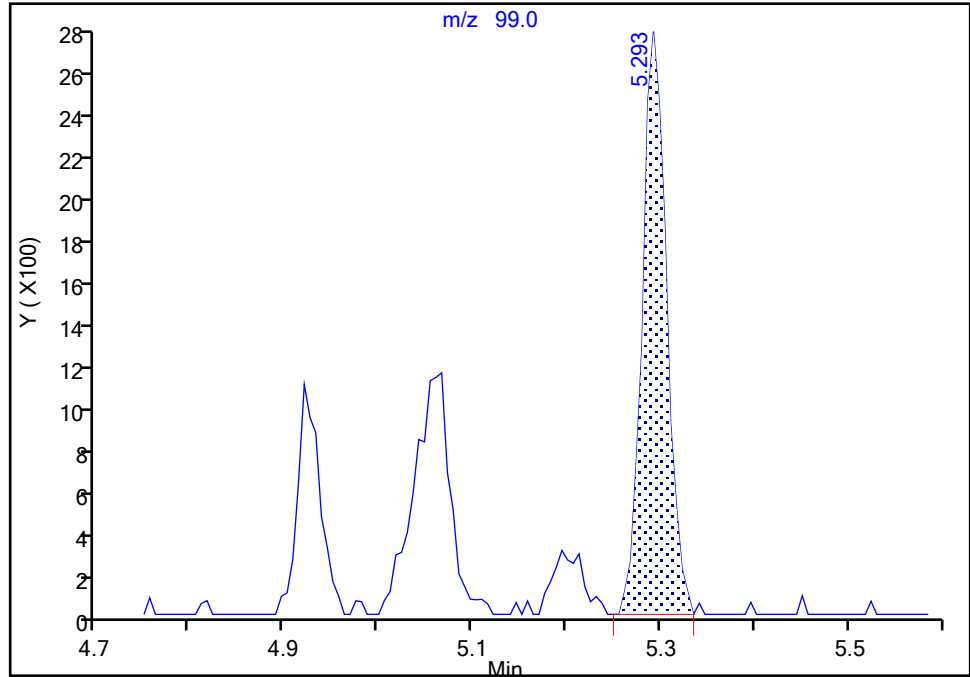
Detector: MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

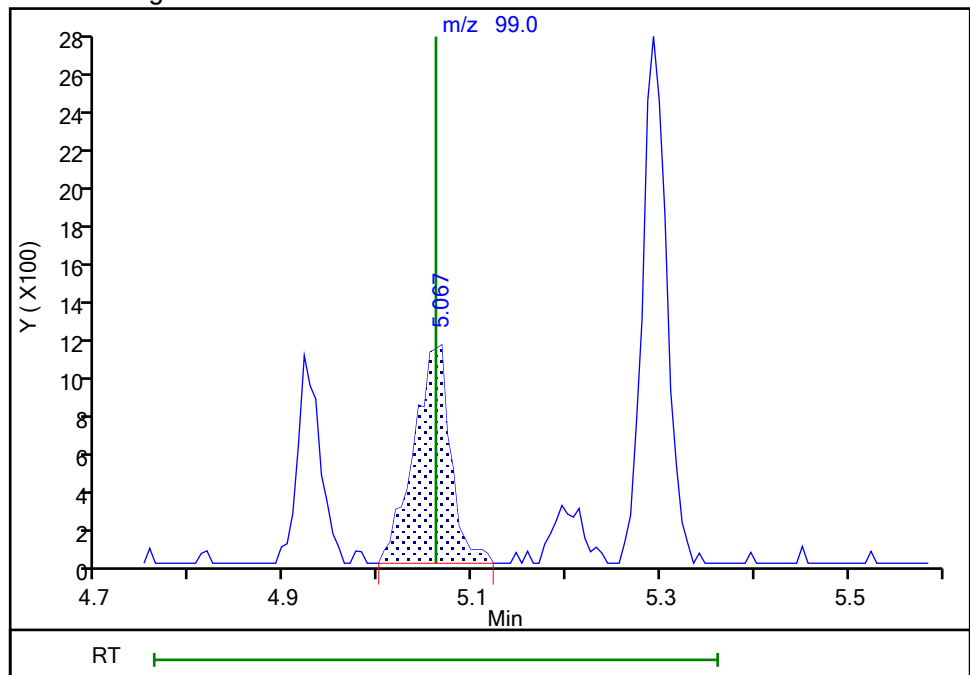
RT: 5.29
Area: 4943
Amount: 10.921564
Amount Units: ug/l

Processing Integration Results



RT: 5.07
Area: 3096
Amount: 5.775090
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:17:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133022.D

Injection Date: 13-Nov-2020 02:20:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

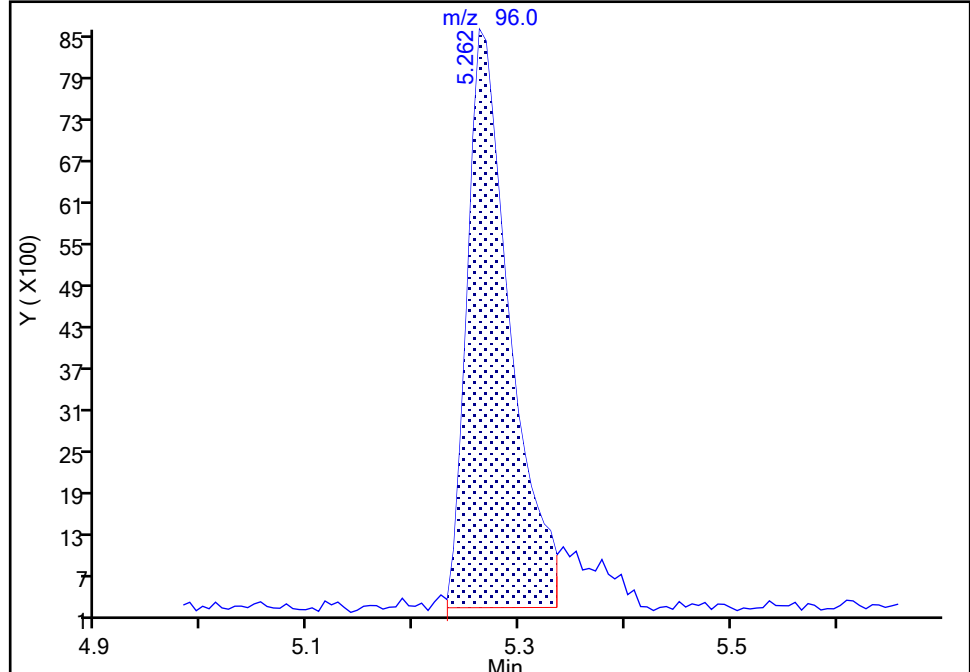
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

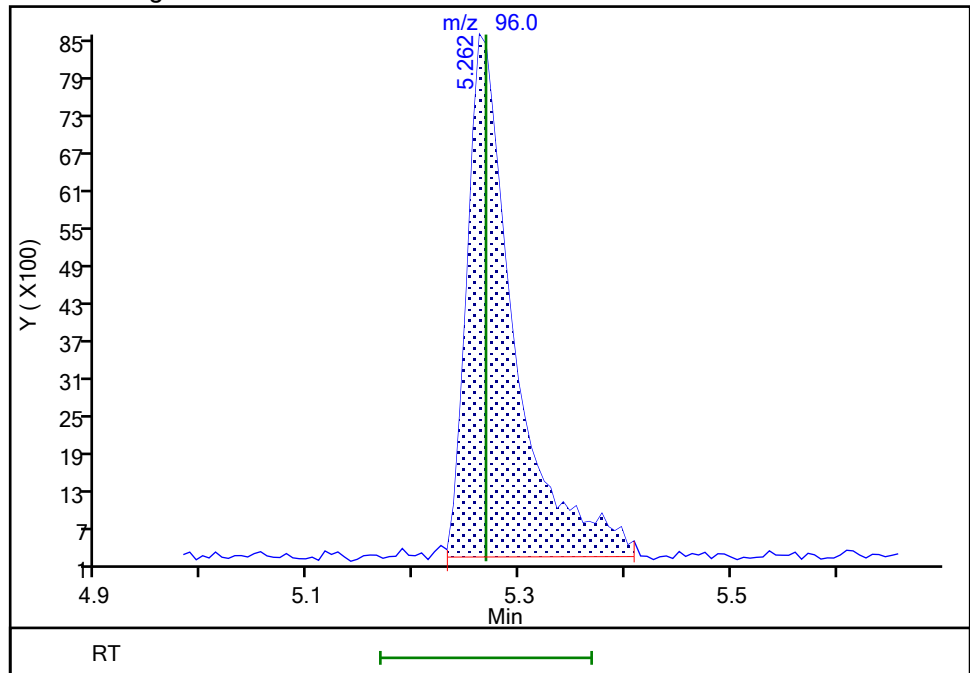
RT: 5.26
Area: 23652
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 26061
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:37:30

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 13-Nov-2020 02:41:30 ALS Bottle#: 5 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0120015-007
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:53:47 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 03:19:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	77	7747	20.0	19.8	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	97	79434	20.0	17.8	M
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	56	27390	20.0	19.2	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	99	106279	20.0	19.8	
5 Chlorodifluoromethane	51	1.306	1.306	0.000	100	96204	20.0	19.5	
6 Chloromethane	50	1.434	1.434	0.000	98	110743	20.0	19.0	
8 Butadiene	54	1.501	1.501	0.000	97	92909	20.0	18.1	
7 Vinyl chloride	62	1.507	1.507	0.000	98	107181	20.0	18.8	
9 Bromomethane	94	1.720	1.720	0.000	99	63228	20.0	18.3	
10 Chloroethane	64	1.775	1.775	0.000	100	51717	20.0	19.1	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	98	137302	20.0	19.7	
12 Trichlorofluoromethane	101	1.940	1.940	0.000	58	102916	20.0	19.6	
13 Pentane	72	1.946	1.946	0.000	97	22891	40.0	38.6	
15 Ethyl ether	74	2.098	2.098	0.000	94	33942	20.0	18.3	
14 Ethanol	46	2.104	2.104	0.000	75	14551	800.0	780.4	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	58827	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	95	52465	20.0	18.8	a
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.196	2.196	0.000	95	91743	20.0	19.6	a
19 Acrolein	56	2.244	2.244	0.000	94	16055	40.0	36.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	94	58572	20.0	19.7	
21 1,1-Dichloroethene	96	2.281	2.281	0.000	97	57747	20.0	18.9	
22 Acetone	43	2.348	2.348	0.000	86	87738	100.0	87.6	a
23 Iodomethane	142	2.409	2.409	0.000	99	103910	20.0	19.3	
25 Isopropyl alcohol	45	2.427	2.427	0.000	98	45965	200.0	188.7	
24 Carbon disulfide	76	2.439	2.439	0.000	100	252491	20.0	19.7	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	93	37779	20.0	19.6	
27 Methyl acetate	43	2.549	2.549	0.000	97	94812	40.0	39.4	a
28 Cyclopentene	67	2.555	2.555	0.000	91	155127	20.0	19.6	
29 Acetonitrile	40	2.604	2.604	0.000	95	54612	200.0	179.8	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	42784	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	85	71206	20.0	19.3	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	94	61947	200.0	177.2	a
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	98	161561	20.0	19.7	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	59098	20.0	19.1	
35 Acrylonitrile	53	2.878	2.878	0.000	95	252593	200.0	195.9	
36 Hexane	57	2.945	2.945	0.000	94	88054	20.0	20.3	
37 Isopropyl ether	45	3.141	3.141	0.000	98	216819	20.0	19.4	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	109073	20.0	19.3	
39 Vinyl acetate	86	3.177	3.177	0.000	100	23992	40.0	36.5	
40 2-Chloro-1,3-butadiene	88	3.202	3.202	0.000	91	51167	20.0	19.5	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	186909	20.0	19.5	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	100	315920	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	84	20603	20.0	20.1	a
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	97	63716	20.0	18.7	
45 2-Butanone (MEK)	72	3.647	3.647	0.000	96	33479	100.0	87.7	
46 Ethyl acetate	70	3.653	3.653	0.000	96	13042	40.0	38.6	
47 Methyl acrylate	55	3.701	3.701	0.000	99	52887	20.0	19.6	
48 Propionitrile	54	3.768	3.768	0.000	99	92991	200.0	190.5	
49 Chlorobromomethane	128	3.829	3.829	0.000	94	29891	20.0	18.4	
50 Tetrahydrofuran	72	3.836	3.836	0.000	96	16013	40.0	38.3	
51 Methacrylonitrile	67	3.860	3.860	0.000	94	246296	200.0	198.2	
52 Chloroform	83	3.884	3.884	0.000	98	97146	20.0	18.9	
53 Cyclohexane	84	3.994	3.994	0.000	94	90989	20.0	18.9	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	99	88627	20.0	19.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.000	97	123012	50.0	51.3	
56 Carbon tetrachloride	117	4.116	4.116	0.000	98	72643	20.0	18.7	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	96	74725	20.0	18.7	
58 Isobutyl alcohol	43	4.287	4.287	0.000	91	125630	500.0	499.2	
59 Isooctane	57	4.311	4.311	0.000	99	253537	20.0	20.3	
60 Benzene	78	4.329	4.329	0.000	97	223423	20.0	19.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.348	4.348	0.000	95	137930	50.0	50.4	
62 Tert-amyl methyl ether	73	4.396	4.396	0.000	95	205556	20.0	20.4	
63 Isopropyl acetate	61	4.409	4.409	0.000	97	31356	20.0	18.9	
64 1,2-Dichloroethane	62	4.415	4.415	0.000	96	69846	20.0	18.8	
65 n-Heptane	100	4.488	4.488	0.000	95	14611	20.0	19.5	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	476698	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	90	45415	500.0	412.6	
68 Trichloroethene	95	4.927	4.927	0.000	97	52423	20.0	18.0	
69 Methylcyclohexane	83	5.043	5.043	0.000	96	104865	20.0	18.9	
70 Ethyl acrylate	99	5.061	5.061	0.000	97	8615	20.0	17.7	a
71 1,2-Dichloropropane	63	5.201	5.201	0.000	92	57122	20.0	18.7	
* 72 1,4-Dioxane-d8	96	5.268	5.268	0.000	90	25765	1000.0	1000.0	M
73 Methyl methacrylate	100	5.293	5.293	0.000	92	26862	40.0	38.0	
75 1,4-Dioxane	88	5.317	5.317	0.000	37	13005	400.0	368.7	M
74 Dibromomethane	93	5.323	5.323	0.000	97	34109	20.0	17.8	
76 n-Propyl acetate	43	5.354	5.354	0.000	99	78509	20.0	17.5	
77 Dichlorobromomethane	83	5.469	5.469	0.000	99	72202	20.0	18.2	
78 2-Nitropropane	41	5.799	5.799	0.000	99	28271	40.0	37.0	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	96	34901	20.0	18.1	
80 Epichlorohydrin	57	5.902	5.902	0.000	100	122699	400.0	381.3	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	93	89692	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.122	6.122	0.000	97	296233	100.0	94.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.183	6.183	0.000	99	426304	50.0	51.0	
84 Toluene	91	6.256	6.256	0.000	94	208913	20.0	18.9	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	97	78151	20.0	18.5	
86 Ethyl methacrylate	69	6.652	6.652	0.000	91	72110	20.0	19.7	
87 1,1,2-Trichloroethane	83	6.811	6.811	0.000	97	40646	20.0	18.6	
88 Tetrachloroethene	166	6.835	6.835	0.000	94	47582	20.0	18.5	
89 1,3-Dichloropropane	76	7.006	7.006	0.000	96	77233	20.0	19.1	
90 2-Hexanone	43	7.091	7.091	0.000	97	182783	100.0	92.9	
91 n-Butyl acetate	43	7.213	7.213	0.000	99	88877	20.0	18.8	a
92 Chlorodibromomethane	129	7.225	7.225	0.000	98	49328	20.0	18.9	
93 Ethylene Dibromide	107	7.365	7.365	0.000	100	45284	20.0	18.4	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	88	324785	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	92	127098	20.0	18.7	
96 Ethylbenzene	106	8.054	8.054	0.000	99	71540	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	94	53264	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	97	88219	20.0	19.1	
99 o-Xylene	106	8.725	8.725	0.000	93	92129	20.0	19.0	
100 n-Butyl acrylate	73	8.749	8.749	0.000	97	44945	20.0	19.4	
101 Styrene	104	8.761	8.761	0.000	94	144764	20.0	19.1	
102 Bromoform	173	9.011	9.011	0.000	96	34734	20.0	19.6	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	89	108047	20.0	18.6	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	253516	20.0	19.0	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	124752	50.0	50.2	
106 Bromobenzene	156	9.578	9.578	0.000	97	54794	20.0	18.1	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	68140	20.0	18.5	
108 N-Propylbenzene	91	9.688	9.688	0.000	99	301376	20.0	18.7	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	97	17662	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	93	17147	20.0	18.3	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	201813	20.0	18.9	
112 4-Ethyltoluene	105	9.828	9.828	0.000	99	235951	20.0	18.7	
113 1,3,5-Trimethylbenzene	105	9.908	9.908	0.000	92	207923	20.0	18.7	
114 4-Chlorotoluene	91	9.932	9.932	0.000	99	193874	20.0	19.2	
115 Butyl Methacrylate	87	10.054	10.054	0.000	91	72159	20.0	18.4	
116 tert-Butylbenzene	119	10.231	10.231	0.000	93	166736	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	216747	20.0	18.8	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	280478	20.0	18.6	
119 1,3-Dichlorobenzene	146	10.578	10.578	0.000	95	108300	20.0	18.2	
120 4-Isopropyltoluene	119	10.609	10.609	0.000	98	231374	20.0	18.5	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	169361	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	95	105177	20.0	18.2	
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	100	224169	20.0	18.7	
124 Benzyl chloride	91	10.828	10.828	0.000	98	135629	20.0	18.7	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	94	203809	20.0	18.6	
126 p-Diethylbenzene	119	10.968	10.968	0.000	92	121153	20.0	18.2	
127 n-Butylbenzene	92	10.993	10.993	0.000	98	130014	20.0	18.3	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	95	105866	20.0	18.6	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	235093	20.0	17.8	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	97	14840	20.0	18.1	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	100274	20.0	18.0	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	94	95613	20.0	17.8	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	93	42783	20.0	17.6	
134 Naphthalene	128	12.547	12.547	0.000	99	223140	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	95	87270	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.4	
S 140 Total BTEX	1				0		100.0	95.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00115	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00128	Amount Added: 20.00	Units: uL	
524freon_00029	Amount Added: 20.00	Units: uL	
GASES Li_00394	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

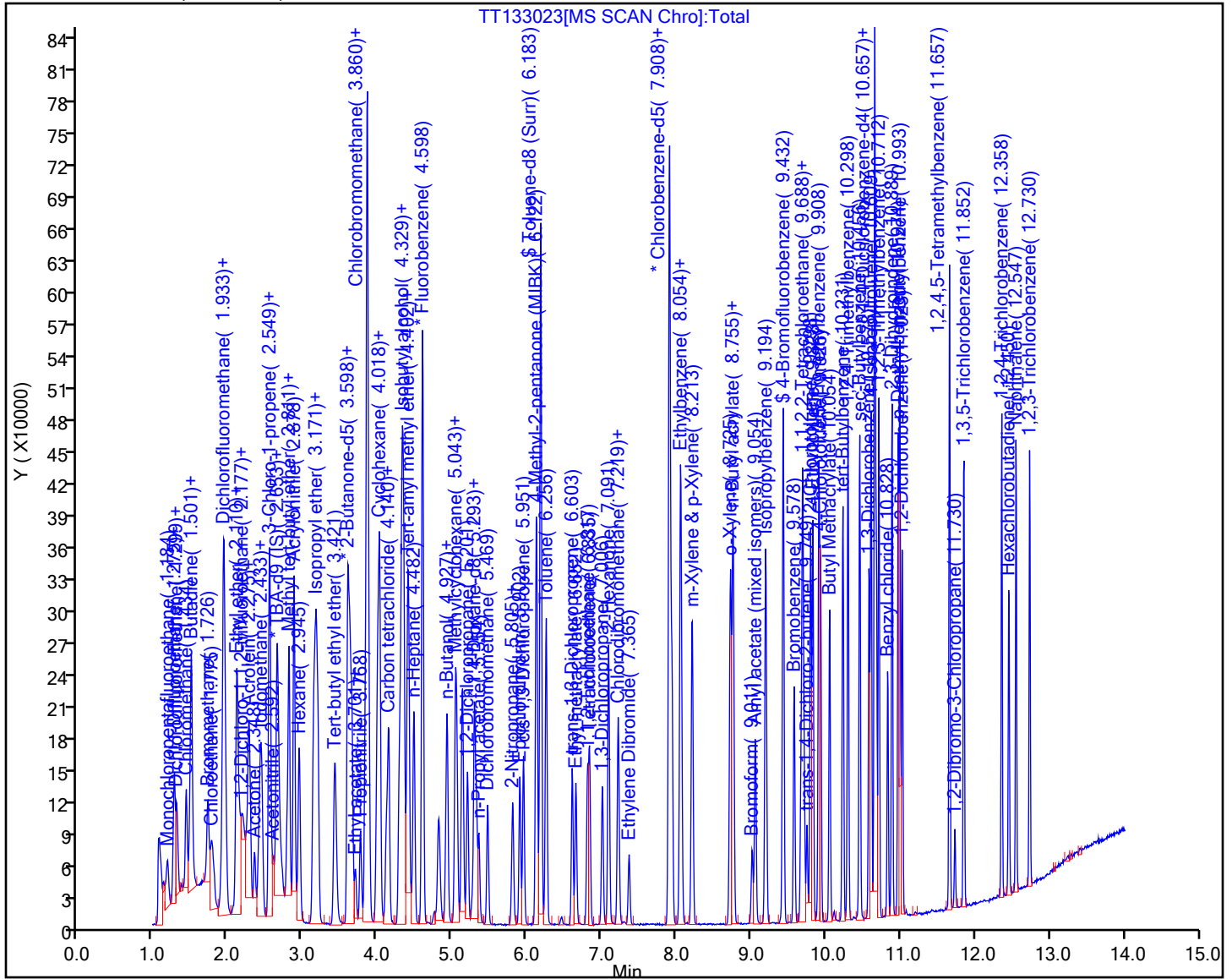
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

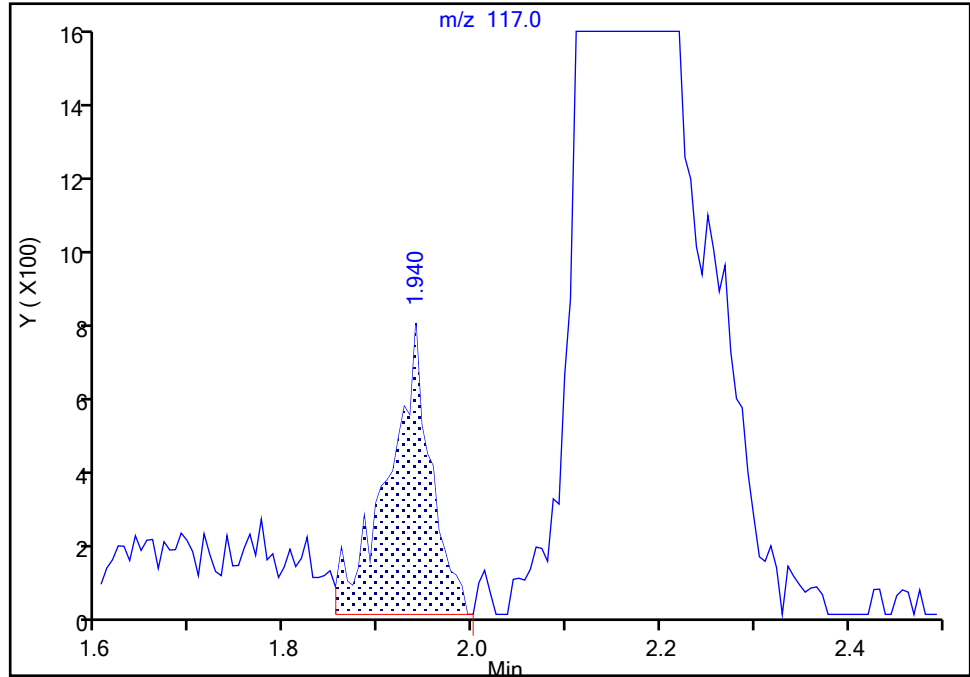
MS Quad

17 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

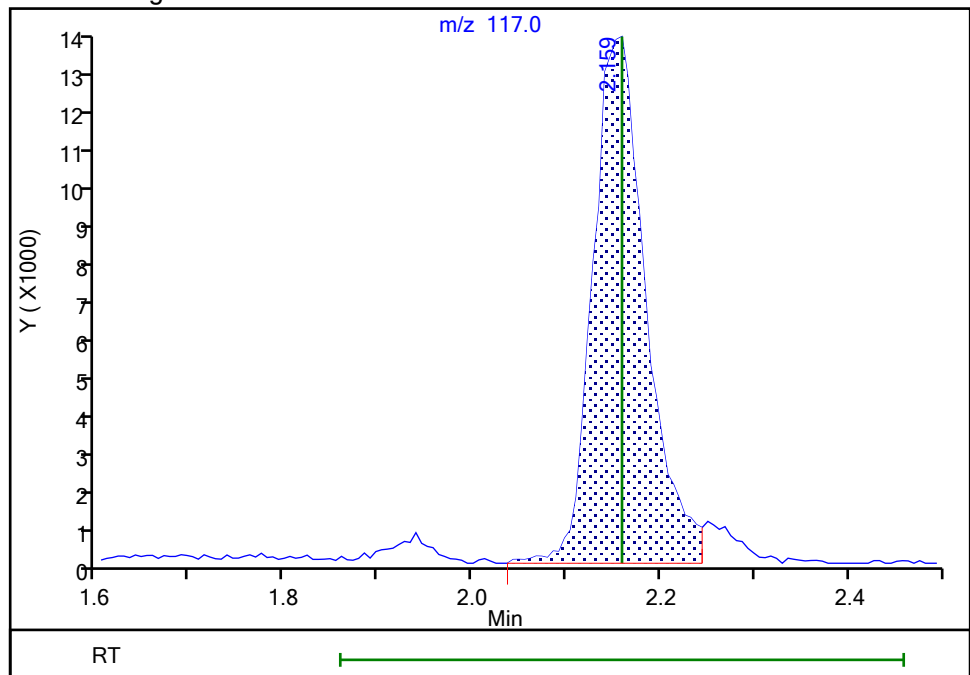
RT: 1.94
Area: 2428
Amount: 1.052785
Amount Units: ug/l

Processing Integration Results



RT: 2.16
Area: 52465
Amount: 18.761653
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:19:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

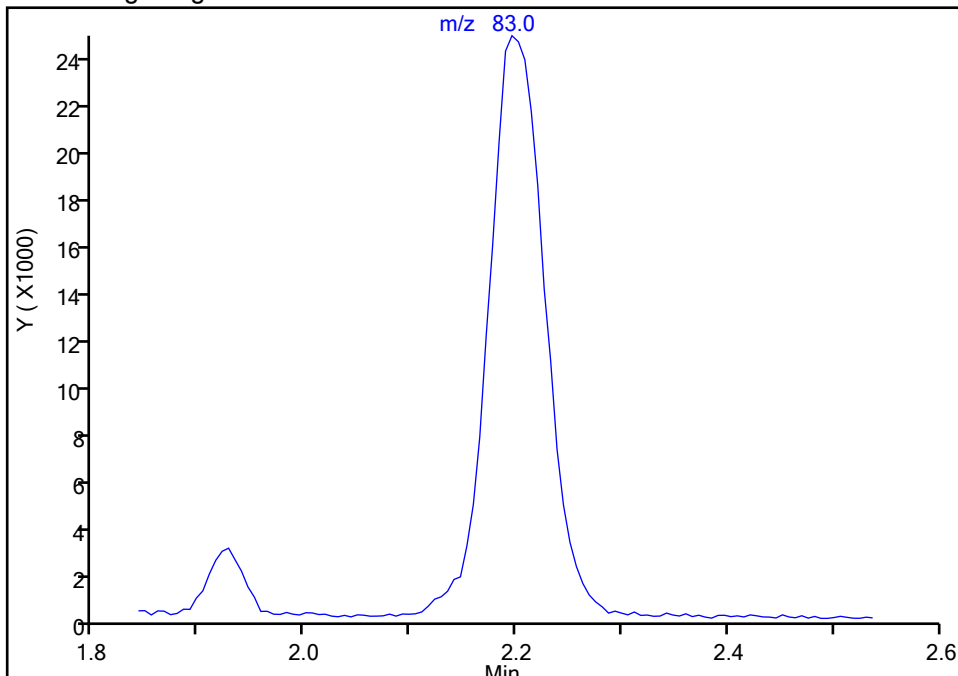
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

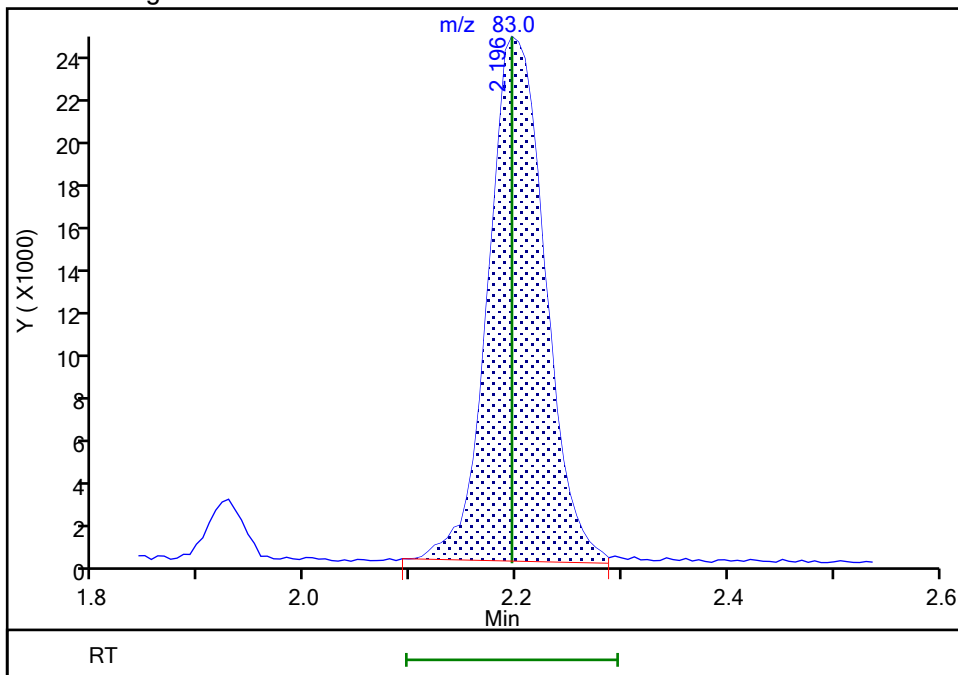
Not Detected

Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.20
Area: 91743
Amount: 19.620253
Amount Units: ug/l

Reviewer: boykink, 13-Nov-2020 03:19:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

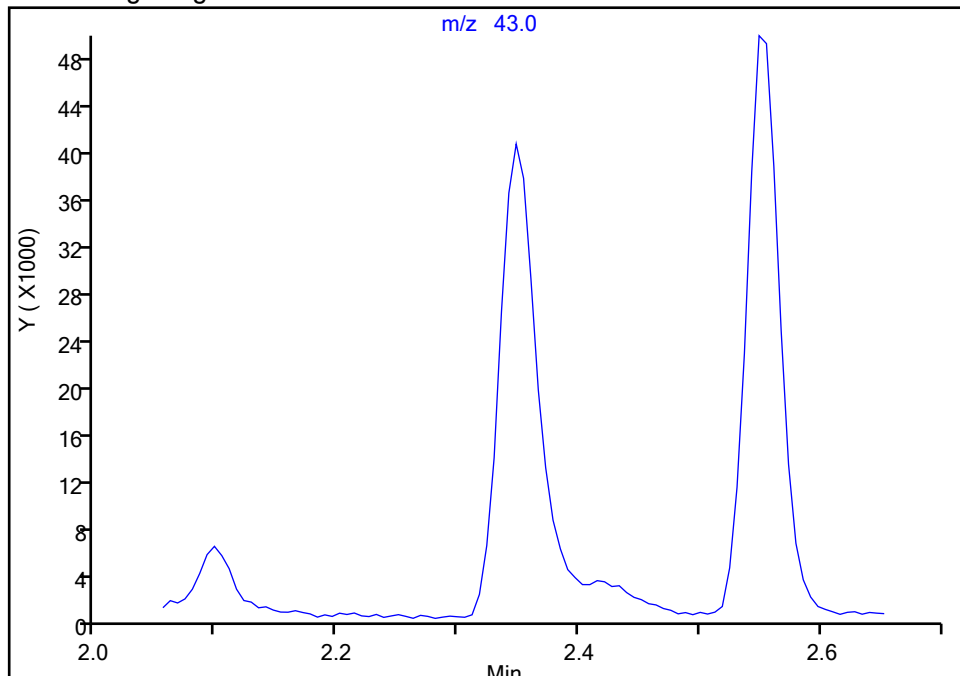
22 Acetone, CAS: 67-64-1

Signal: 1

Not Detected

Expected RT: 2.35

Processing Integration Results



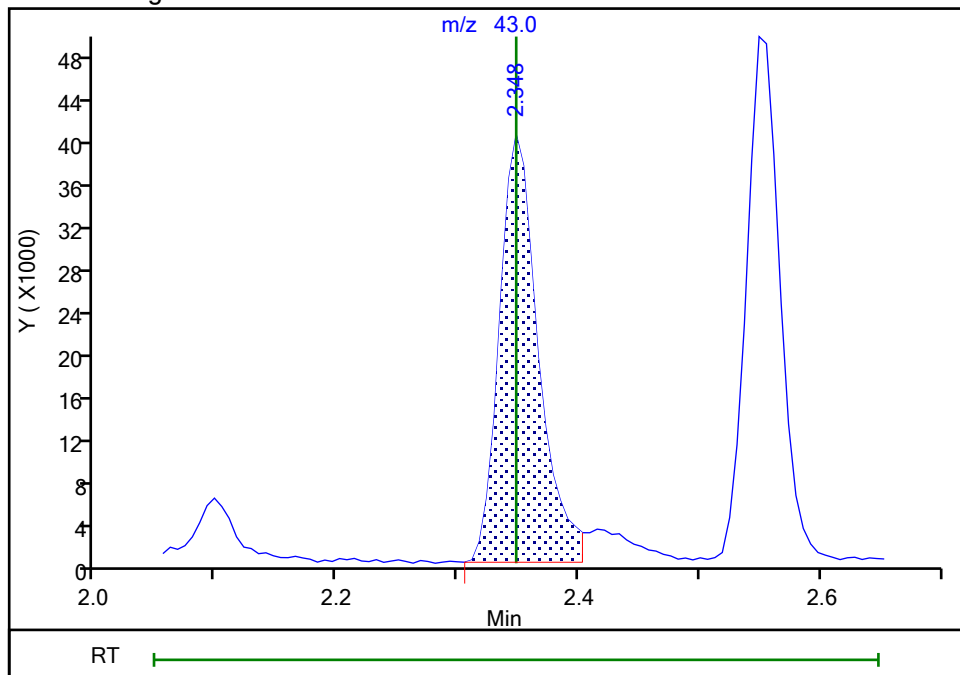
RT: 2.35

Area: 87738

Amount: 87.553743

Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:19:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

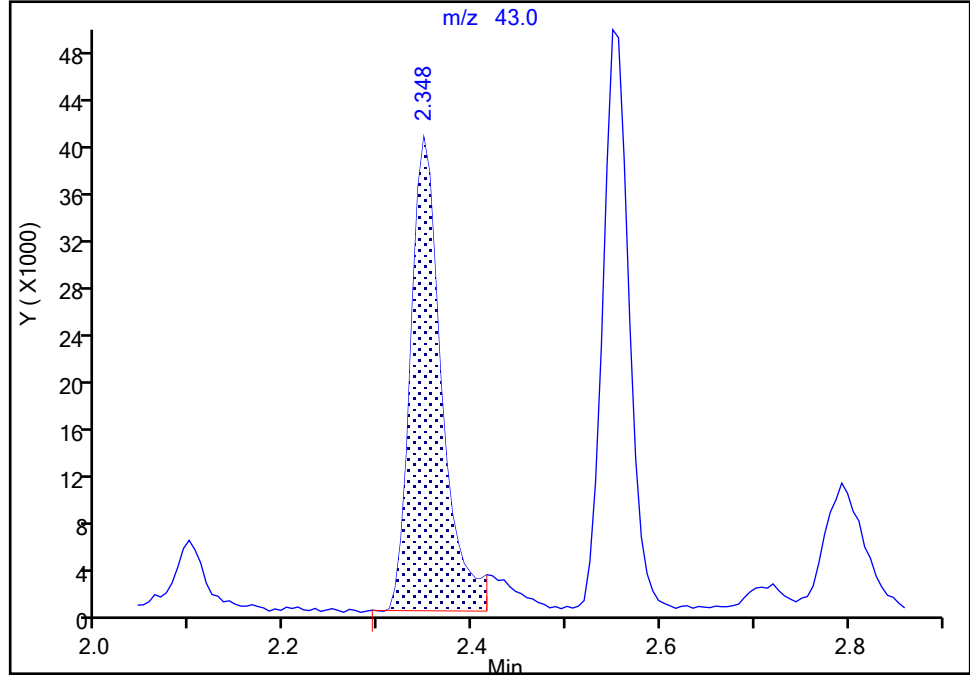
Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

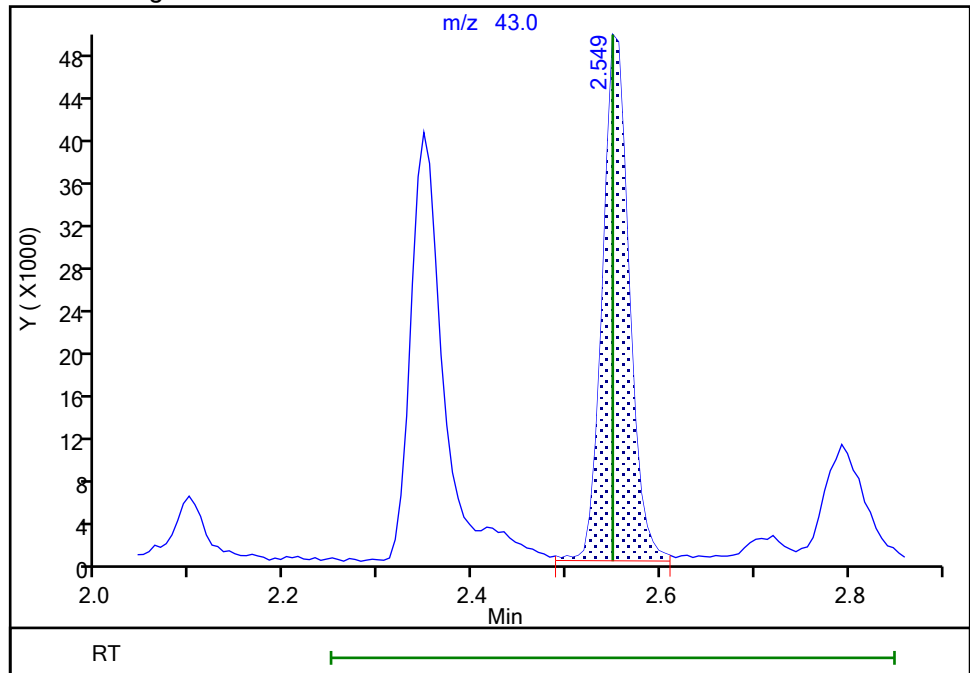
RT: 2.35
Area: 89594
Amount: 36.535573
Amount Units: ug/l

Processing Integration Results



RT: 2.55
Area: 94812
Amount: 39.404953
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:33:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

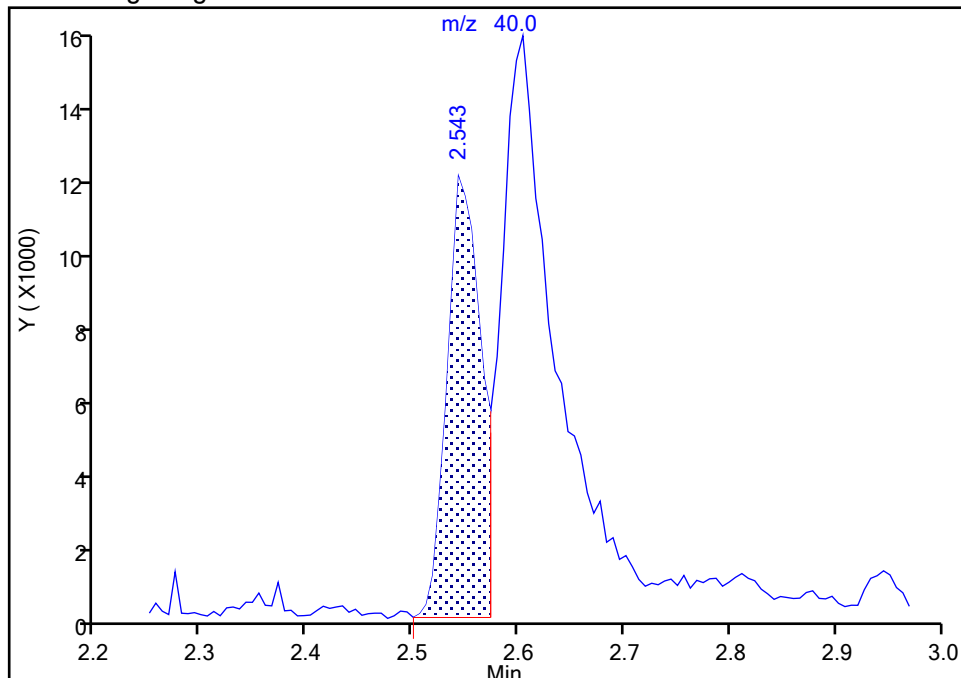
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

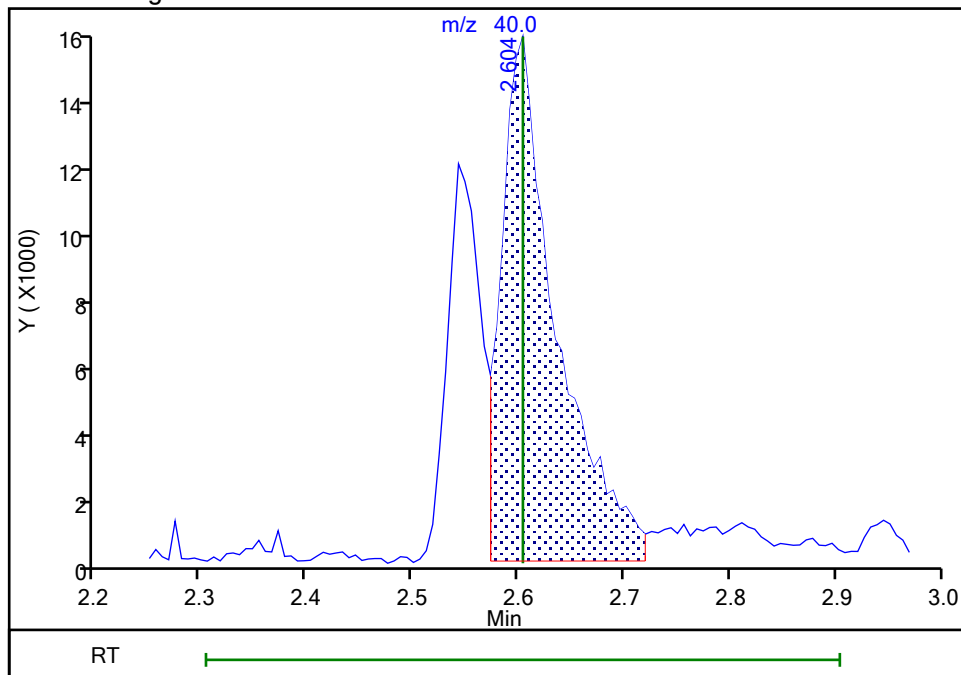
RT: 2.54
Area: 25770
Amount: 200.0408
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 54612
Amount: 179.8459
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:19:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

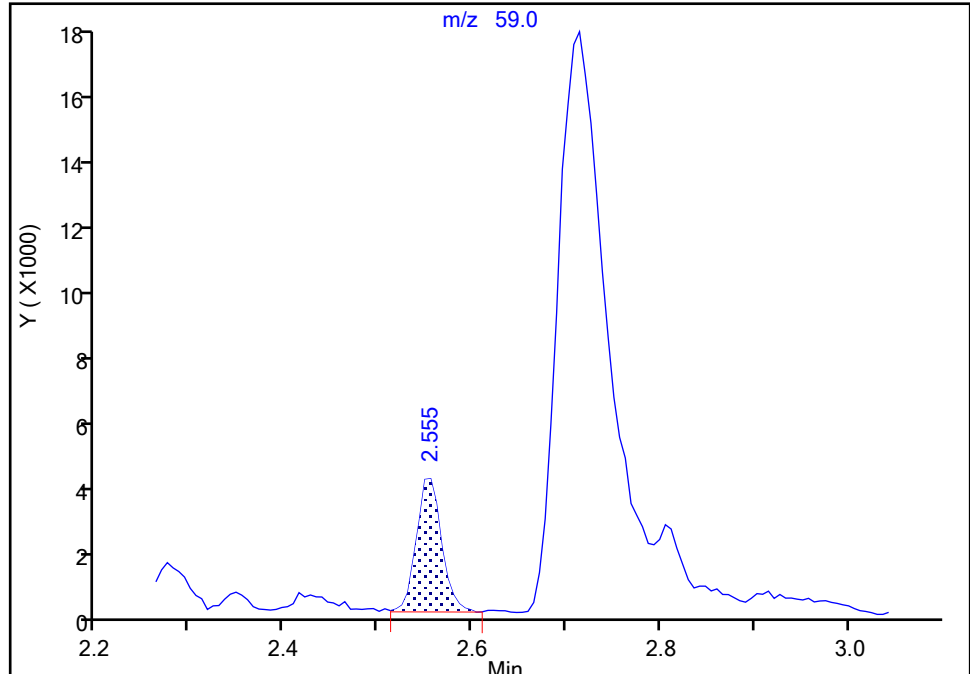
Detector: MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

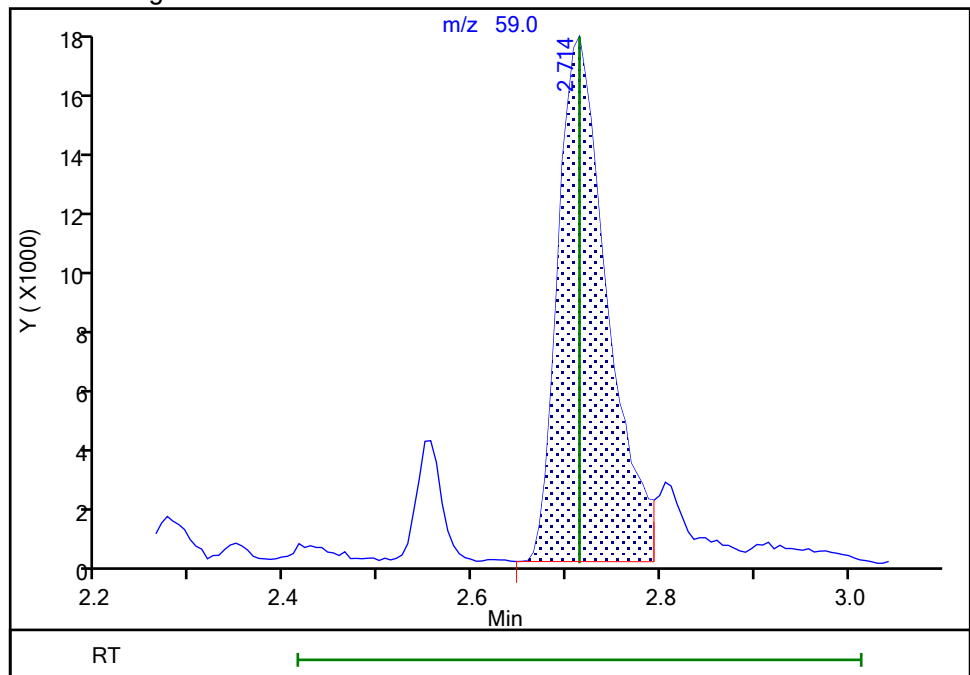
RT: 2.56
Area: 7283
Amount: 23.153871
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 61947
Amount: 177.1843
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:29:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

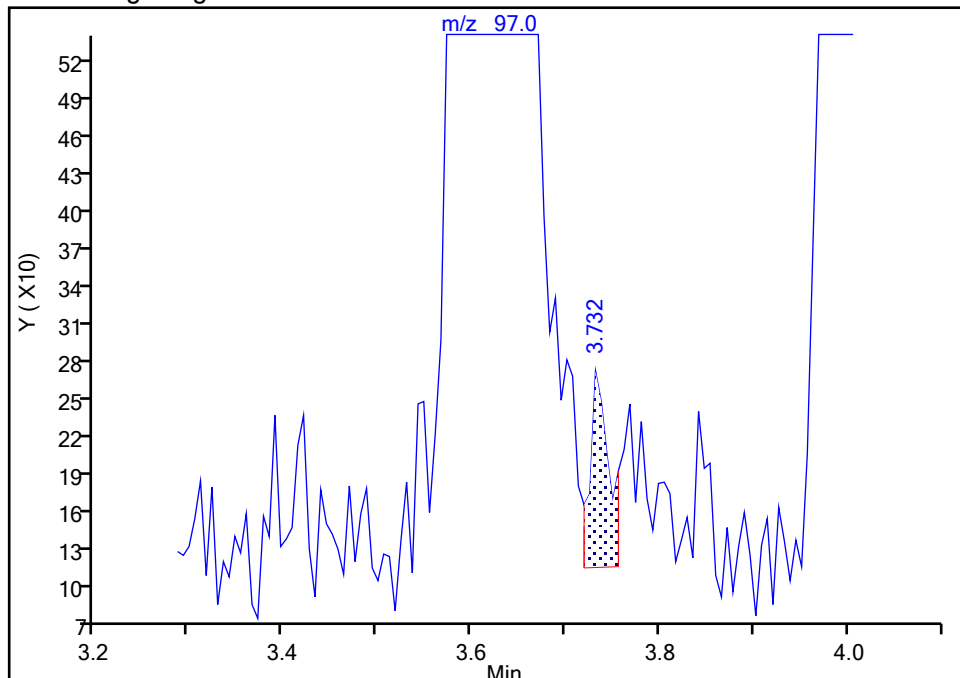
MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

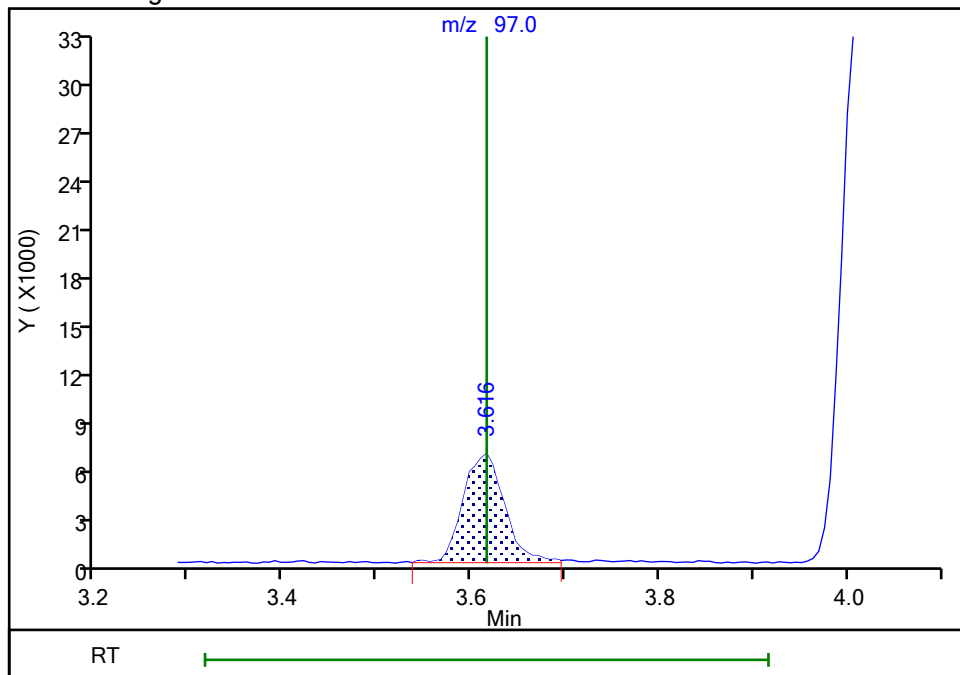
RT: 3.73
Area: 224
Amount: 0.252000
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 20603
Amount: 20.061535
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:22:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

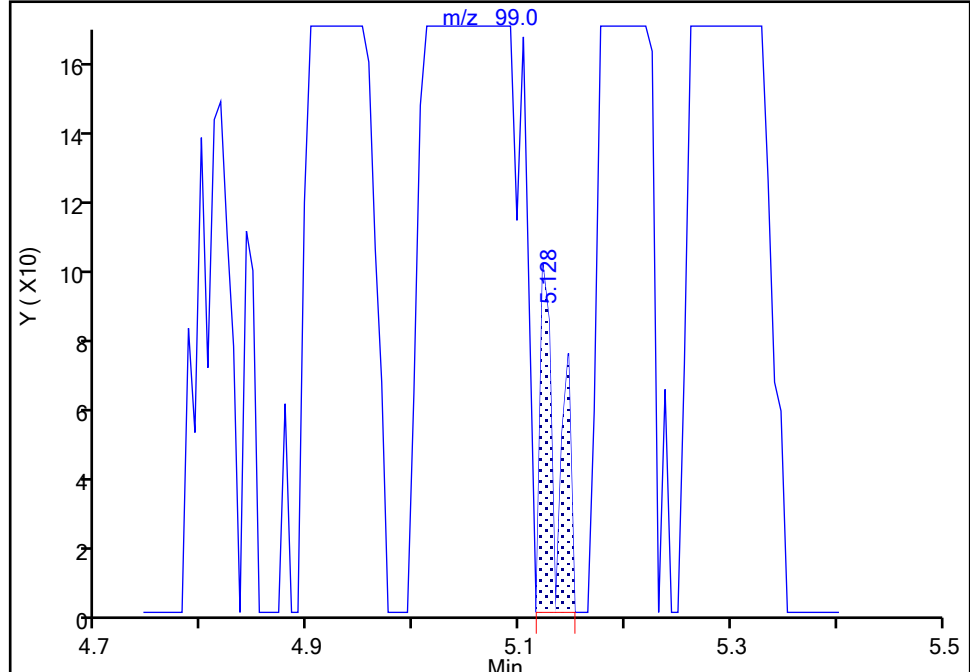
Detector: MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

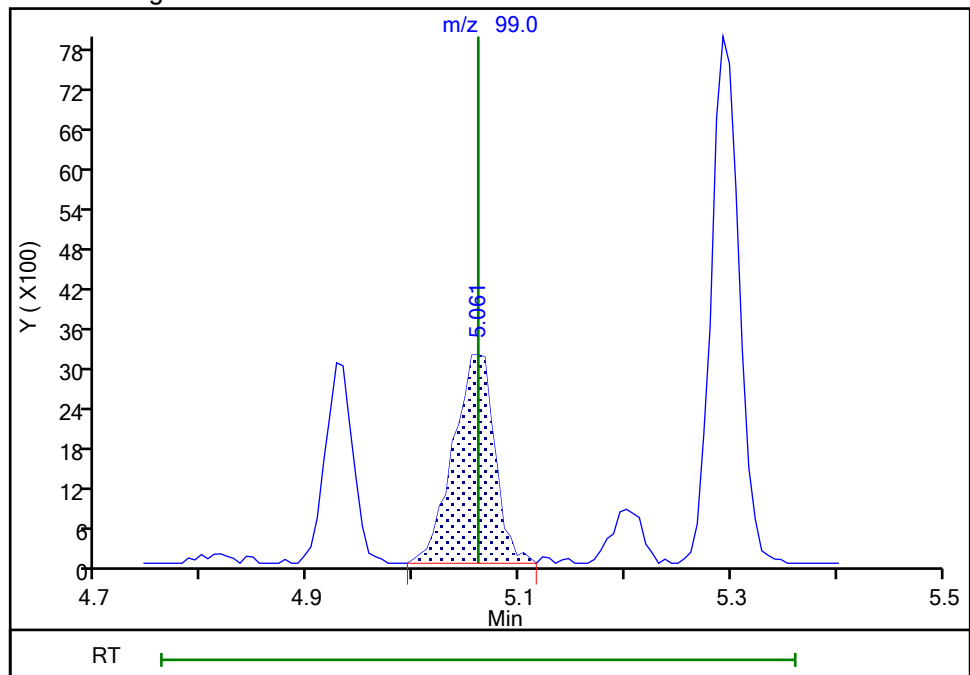
RT: 5.13
Area: 110
Amount: 0.312042
Amount Units: ug/l

Processing Integration Results



RT: 5.06
Area: 8615
Amount: 17.680568
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:23:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

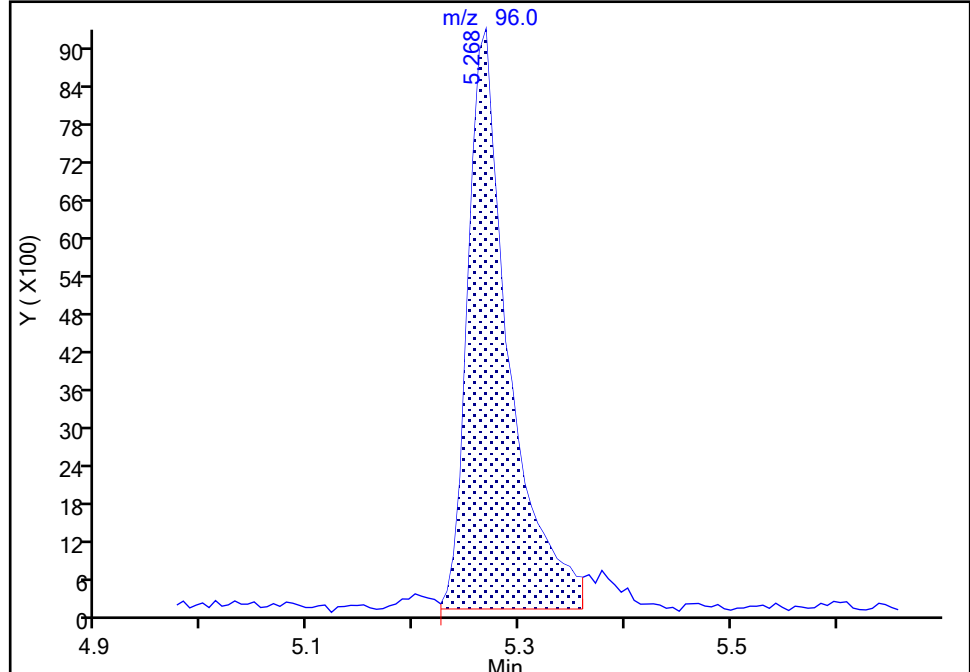
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

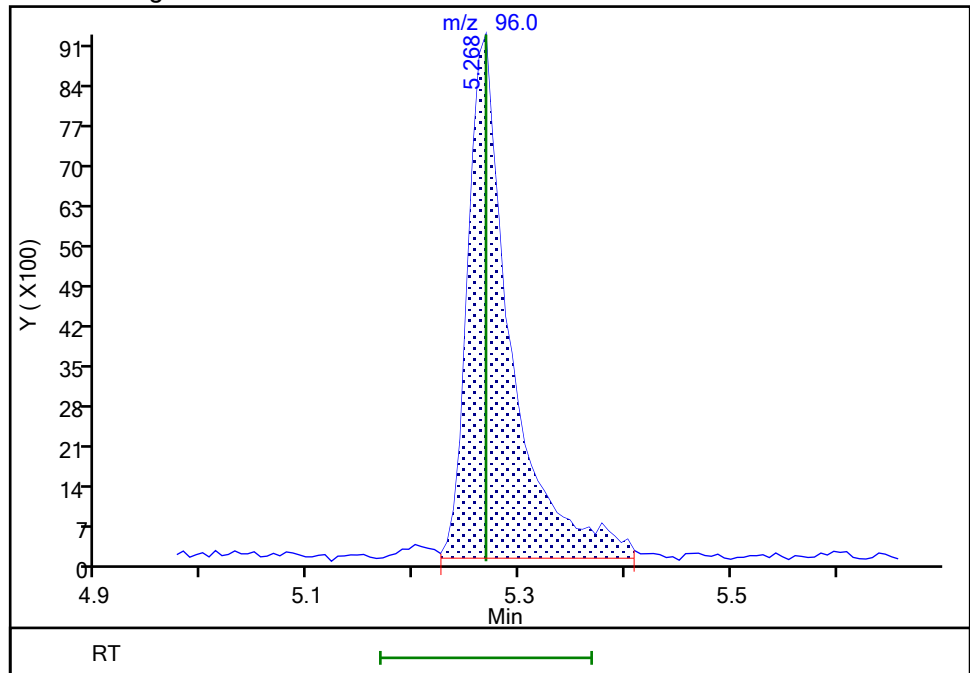
RT: 5.27
Area: 24611
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 25765
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:40:22

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

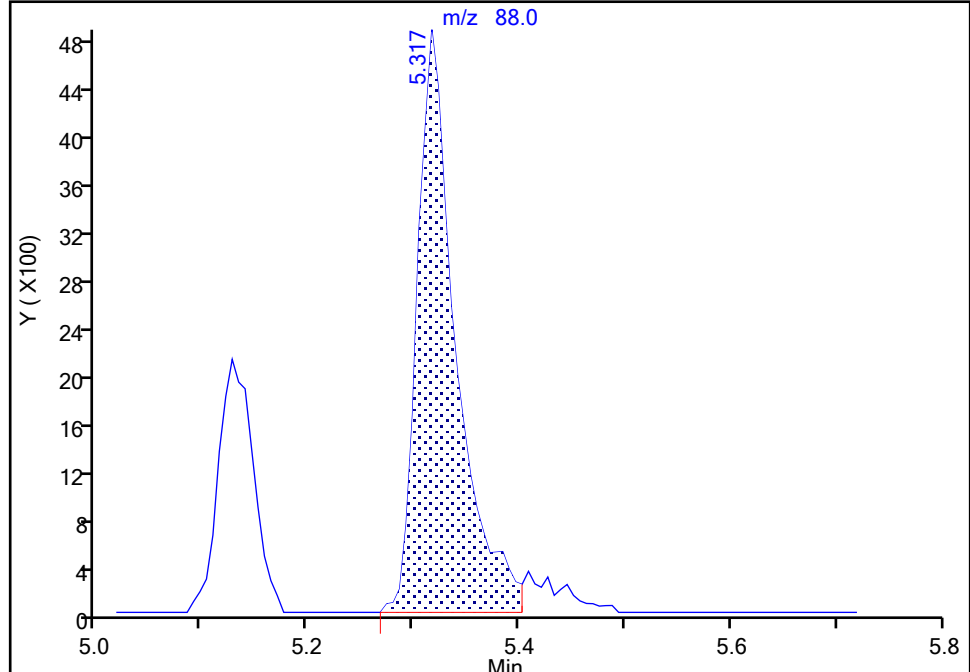
Detector: MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

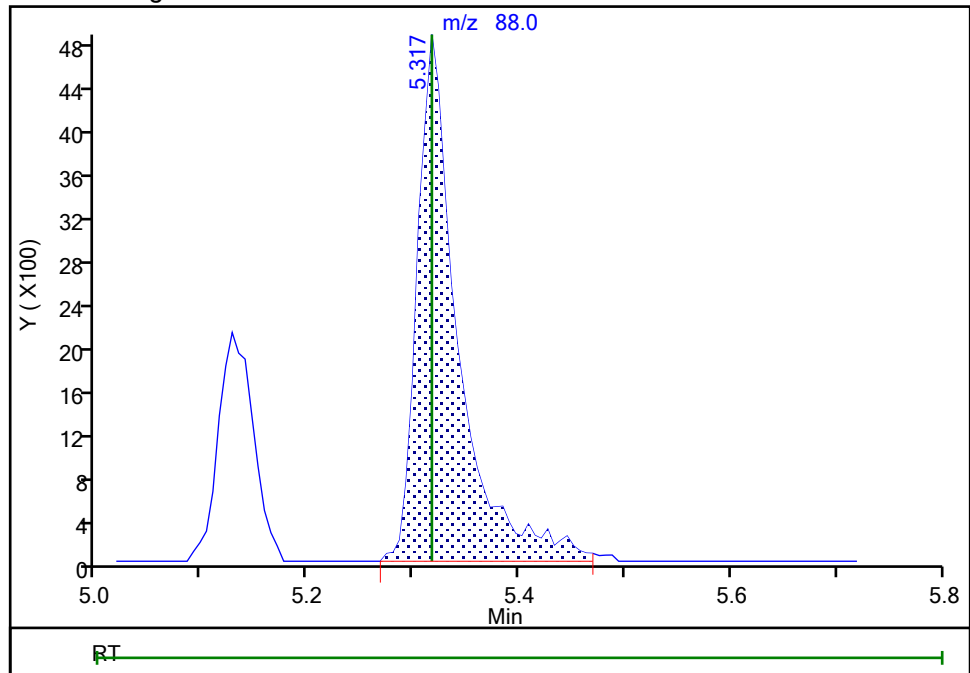
RT: 5.32
Area: 12265
Amount: 340.7379
Amount Units: ug/l

Processing Integration Results



RT: 5.32
Area: 13005
Amount: 368.7177
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:41:19

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133023.D

Injection Date: 13-Nov-2020 02:41:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

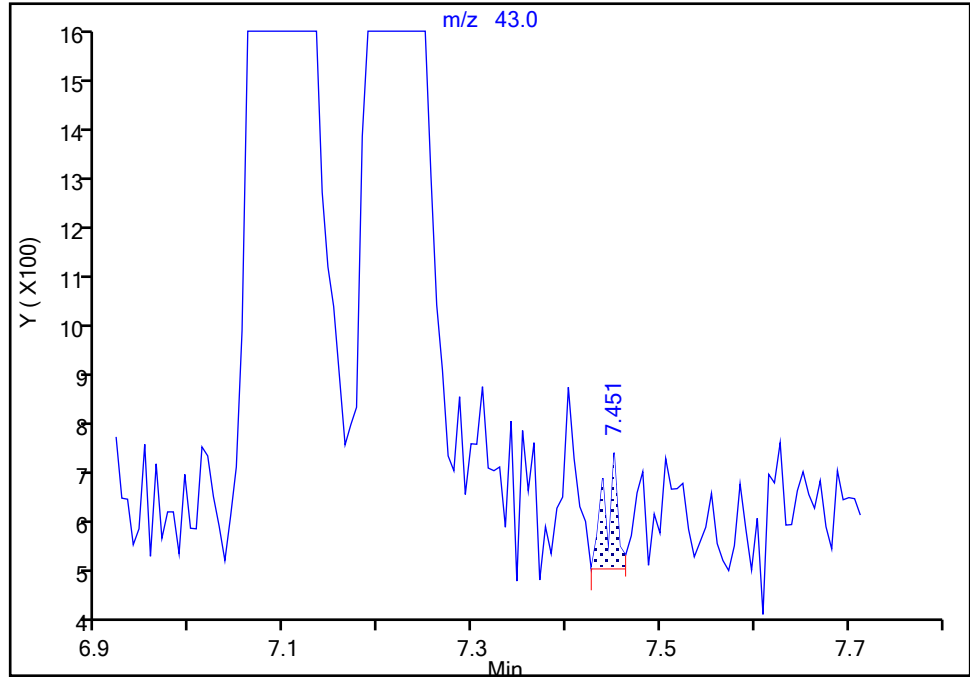
Detector: MS Quad

91 n-Butyl acetate, CAS: 123-86-4

Signal: 1

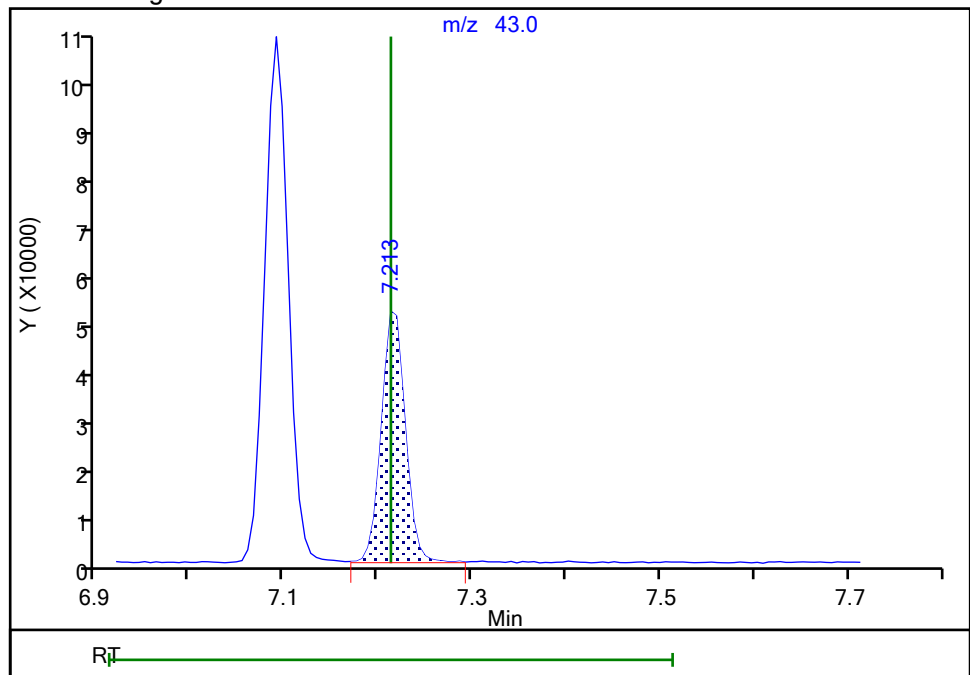
RT: 7.45
Area: 203
Amount: 0.063005
Amount Units: ug/l

Processing Integration Results



RT: 7.21
Area: 88877
Amount: 18.808385
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:24:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133024.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 13-Nov-2020 03:03:30 ALS Bottle#: 6 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0120015-008
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:54:09 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: boykink

Date: 13-Nov-2020 03:28:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.184	1.196	-0.012	83	19099	50.0	51.7	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	96	235501	50.0	56.3	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	54	71363	50.0	53.4	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	99	296223	50.0	58.8	
5 Chlorodifluoromethane	51	1.306	1.306	0.000	100	251182	50.0	54.4	
6 Chloromethane	50	1.434	1.434	0.000	99	295361	50.0	54.1	
8 Butadiene	54	1.501	1.501	0.000	98	243773	50.0	50.8	
7 Vinyl chloride	62	1.501	1.507	-0.006	98	283057	50.0	53.1	
9 Bromomethane	94	1.720	1.720	0.000	99	158529	50.0	47.5	
10 Chloroethane	64	1.775	1.775	0.000	100	126694	50.0	49.2	
11 Dichlorofluoromethane	67	1.921	1.927	-0.006	98	349627	50.0	53.5	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	99	266705	50.0	54.2	
13 Pentane	72	1.940	1.946	-0.006	96	57640	100.0	103.6	
15 Ethyl ether	74	2.098	2.098	0.000	94	86178	50.0	49.6	
14 Ethanol	46	2.098	2.104	-0.006	89	43851	2000.0	2343.9	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	97	151461	50.0	52.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.159	-0.012	88	135387	50.0	51.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.196	0.006	97	229821	50.0	52.4	a
19 Acrolein	56	2.244	2.244	0.000	93	39260	100.0	88.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	91	150397	50.0	54.0	
21 1,1-Dichloroethene	96	2.275	2.281	-0.006	96	147573	50.0	51.6	
22 Acetone	43	2.348	2.348	0.000	86	222239	250.0	229.8	
23 Iodomethane	142	2.403	2.409	-0.006	99	266708	50.0	52.9	
25 Isopropyl alcohol	45	2.427	2.427	0.000	96	116999	500.0	478.7	
24 Carbon disulfide	76	2.439	2.439	0.000	99	640208	50.0	53.2	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	93	97204	50.0	53.8	
27 Methyl acetate	43	2.555	2.549	0.006	99	236388	100.0	104.8	
28 Cyclopentene	67	2.555	2.555	0.000	93	397175	50.0	53.7	
29 Acetonitrile	40	2.604	2.604	0.000	99	140882	500.0	480.8	
* 31 TBA-d9 (IS)	66	2.659	2.647	0.012	80	42930	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	95	179974	50.0	52.0	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	98	158832	500.0	452.8	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	98	399304	50.0	51.9	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	151095	50.0	52.0	
35 Acrylonitrile	53	2.878	2.878	0.000	95	627929	500.0	519.5	
36 Hexane	57	2.945	2.945	0.000	94	212495	50.0	52.2	
37 Isopropyl ether	45	3.141	3.141	0.000	98	540393	50.0	51.7	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	273574	50.0	51.7	
39 Vinyl acetate	86	3.177	3.177	0.000	100	61650	100.0	97.2	
40 2-Chloro-1,3-butadiene	88	3.202	3.202	0.000	91	127028	50.0	51.7	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	461470	50.0	51.4	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	99	304824	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	89	53375	50.0	55.3	
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	96	161079	50.0	50.5	
45 2-Butanone (MEK)	72	3.647	3.647	0.000	99	83296	250.0	226.2	
46 Ethyl acetate	70	3.653	3.653	0.000	96	31496	100.0	96.7	
47 Methyl acrylate	55	3.701	3.701	0.000	99	133349	50.0	52.6	
48 Propionitrile	54	3.768	3.768	0.000	99	233911	500.0	477.7	
49 Chlorobromomethane	128	3.829	3.829	0.000	95	75097	50.0	49.4	
50 Tetrahydrofuran	72	3.836	3.836	0.000	93	38200	100.0	94.7	
51 Methacrylonitrile	67	3.860	3.860	0.000	93	611107	500.0	524.5	
52 Chloroform	83	3.884	3.884	0.000	99	242402	50.0	50.4	
53 Cyclohexane	84	4.000	3.994	0.006	93	228542	50.0	50.6	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	99	223929	50.0	51.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.001	97	114333	50.0	50.9	
56 Carbon tetrachloride	117	4.116	4.116	0.000	98	183568	50.0	50.5	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	97	187916	50.0	50.0	
58 Isobutyl alcohol	43	4.287	4.287	0.000	90	316346	1250.0	1252.7	
59 Isooctane	57	4.311	4.311	0.000	99	635286	50.0	54.4	a
60 Benzene	78	4.329	4.329	0.000	97	555643	50.0	49.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.348	4.348	0.000	96	126397	50.0	49.2	
62 Tert-amyl methyl ether	73	4.402	4.396	0.006	75	507205	50.0	53.6	
63 Isopropyl acetate	61	4.409	4.409	0.000	94	77391	50.0	49.8	
64 1,2-Dichloroethane	62	4.415	4.415	0.000	96	170927	50.0	49.0	
65 n-Heptane	100	4.482	4.488	-0.006	94	35865	50.0	51.0	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	446839	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	88	119435	1250.0	1081.3	
68 Trichloroethene	95	4.927	4.927	0.000	97	136246	50.0	50.0	
69 Methylcyclohexane	83	5.043	5.043	0.000	96	267227	50.0	51.5	a
70 Ethyl acrylate	99	5.061	5.061	0.000	98	21191	50.0	46.4	
71 1,2-Dichloropropane	63	5.201	5.201	0.000	92	147081	50.0	51.4	
* 72 1,4-Dioxane-d8	96	5.268	5.268	0.000	91	27061	1000.0	1000.0	M
73 Methyl methacrylate	100	5.293	5.293	0.000	93	68760	100.0	103.8	
75 1,4-Dioxane	88	5.317	5.317	0.000	44	35275	1000.0	952.2	
74 Dibromomethane	93	5.323	5.323	0.000	98	86257	50.0	47.9	
76 n-Propyl acetate	43	5.354	5.354	0.000	99	206808	50.0	49.3	
77 Dichlorobromomethane	83	5.469	5.469	0.000	99	185194	50.0	49.8	
78 2-Nitropropane	41	5.799	5.799	0.000	97	72160	100.0	101.7	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	84	90080	50.1	49.9	
80 Epichlorohydrin	57	5.902	5.902	0.000	99	315377	1000.0	1015.8	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	93	230931	50.0	49.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.122	6.122	0.000	97	757715	250.0	250.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.183	6.183	0.000	99	409519	50.0	50.0	
84 Toluene	91	6.256	6.256	0.000	93	550455	50.0	50.8	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	97	204013	50.0	49.3	
86 Ethyl methacrylate	69	6.652	6.652	0.000	91	185080	50.0	51.6	
87 1,1,2-Trichloroethane	83	6.811	6.811	0.000	97	104477	50.0	48.7	
88 Tetrachloroethene	166	6.835	6.835	0.000	97	128248	50.0	51.0	
89 1,3-Dichloropropane	76	7.006	7.006	0.000	96	202122	50.0	50.9	
90 2-Hexanone	43	7.091	7.091	0.000	97	465222	250.0	244.9	
91 n-Butyl acetate	43	7.213	7.213	0.000	99	219896	50.0	47.5	
92 Chlorodibromomethane	129	7.225	7.225	0.000	98	127705	50.0	49.9	
93 Ethylene Dibromide	107	7.365	7.365	0.000	98	118445	50.0	49.1	
* 94 Chlorobenzene-d5	117	7.902	7.902	0.000	88	318427	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	92	335736	50.0	50.4	
96 Ethylbenzene	106	8.054	8.054	0.000	99	186585	50.0	50.6	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	95	140841	50.0	51.9	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	98	229194	50.0	50.7	
99 o-Xylene	106	8.725	8.725	0.000	93	244553	50.0	51.6	
100 n-Butyl acrylate	73	8.749	8.749	0.000	98	112902	50.0	49.7	
101 Styrene	104	8.761	8.761	0.000	94	384827	50.0	51.8	
102 Bromoform	173	9.011	9.011	0.000	96	88234	50.0	50.8	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	89	272239	50.0	50.9	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	668784	50.0	51.1	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	119362	50.0	49.0	
106 Bromobenzene	156	9.578	9.578	0.000	97	142947	50.0	51.3	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	176815	50.0	52.2	
108 N-Propylbenzene	91	9.688	9.688	0.000	99	785140	50.0	53.0	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	98	43909	50.0	53.6	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	93	44833	50.0	51.9	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	516669	50.0	52.6	
112 4-Ethyltoluene	105	9.828	9.828	0.000	98	606092	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	9.908	9.908	0.000	92	542947	50.0	53.2	
114 4-Chlorotoluene	91	9.932	9.932	0.000	98	484729	50.0	52.1	
115 Butyl Methacrylate	87	10.054	10.054	0.000	91	193489	50.0	53.6	
116 tert-Butylbenzene	119	10.231	10.231	0.000	93	443798	50.0	53.1	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	557685	50.0	52.6	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	731061	50.0	52.8	
119 1,3-Dichlorobenzene	146	10.578	10.578	0.000	95	274520	50.0	50.3	
120 4-Isopropyltoluene	119	10.609	10.609	0.000	98	600831	50.0	52.4	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	155757	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	94	269067	50.0	50.8	
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	99	573939	50.0	52.1	
124 Benzyl chloride	91	10.828	10.828	0.000	98	338939	50.0	50.8	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	524886	50.0	52.0	
126 p-Diethylbenzene	119	10.974	10.968	0.006	92	312299	50.0	51.0	
127 n-Butylbenzene	92	10.993	10.993	0.000	98	334448	50.0	51.1	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	95	266277	50.0	50.8	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	636056	50.0	52.3	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	98	37820	50.0	50.2	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	261652	50.0	51.2	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	94	254598	50.0	51.6	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	96	116724	50.0	52.1	
134 Naphthalene	128	12.547	12.547	0.000	99	584788	50.0	51.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	96	233071	50.0	52.7	
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.5	
S 137 Xylenes, Total	100				0		100.0	102.2	
S 138 Total 1,2-dichloroethene	1				0			102.5	
S 139 1,3-Dichloropropene, Total	1				0		100.0	98.9	
S 140 Total BTEX	1				0		250.0	253.6	

QC Flag Legend

Processing Flags

Review Flags

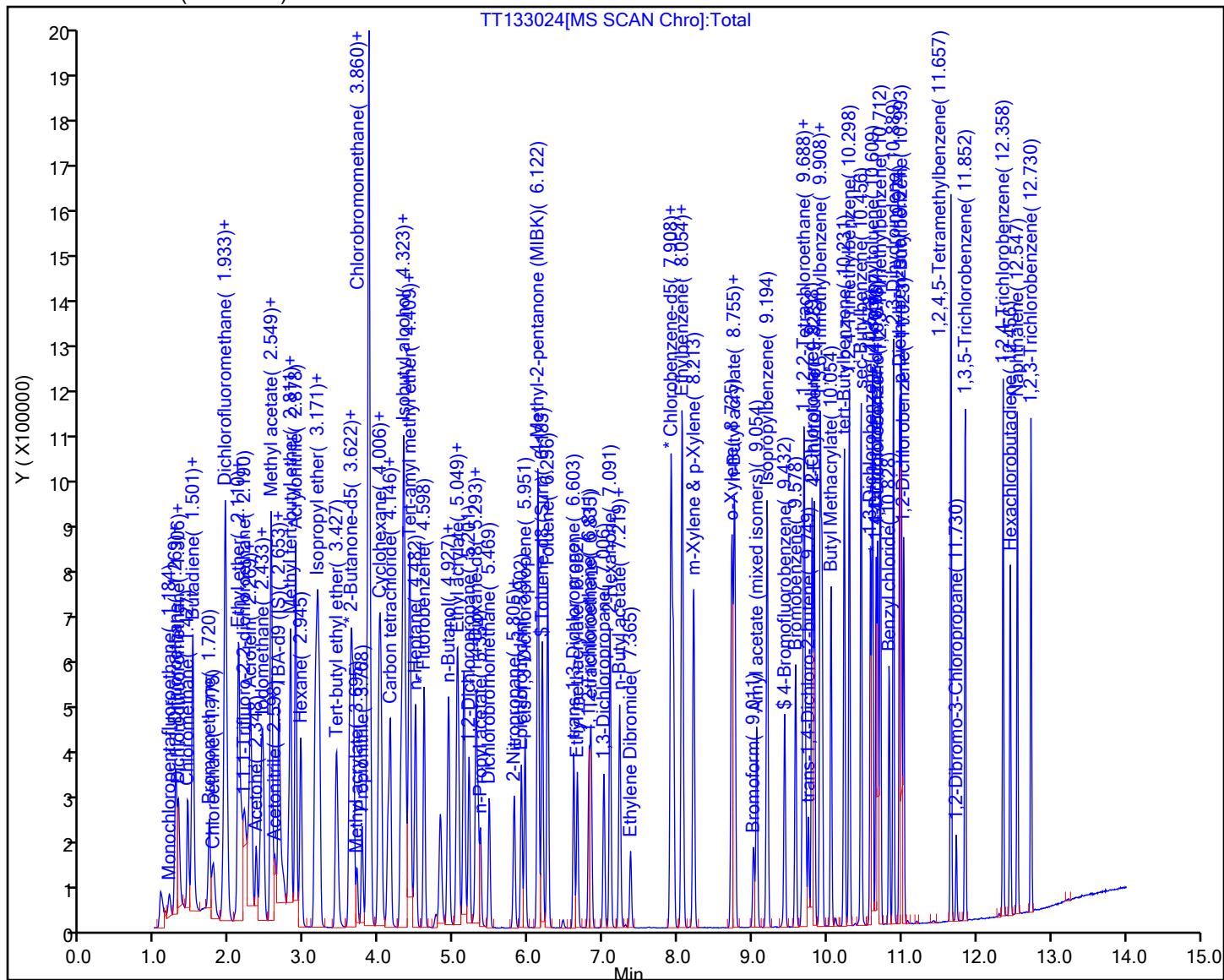
M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00128	Amount Added: 50.00	Units: uL	
524freon_00029	Amount Added: 50.00	Units: uL	
ACROLEIN W_00115	Amount Added: 10.00	Units: uL	
GASES Li_00394	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133024.D

Injection Date: 13-Nov-2020 03:03:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

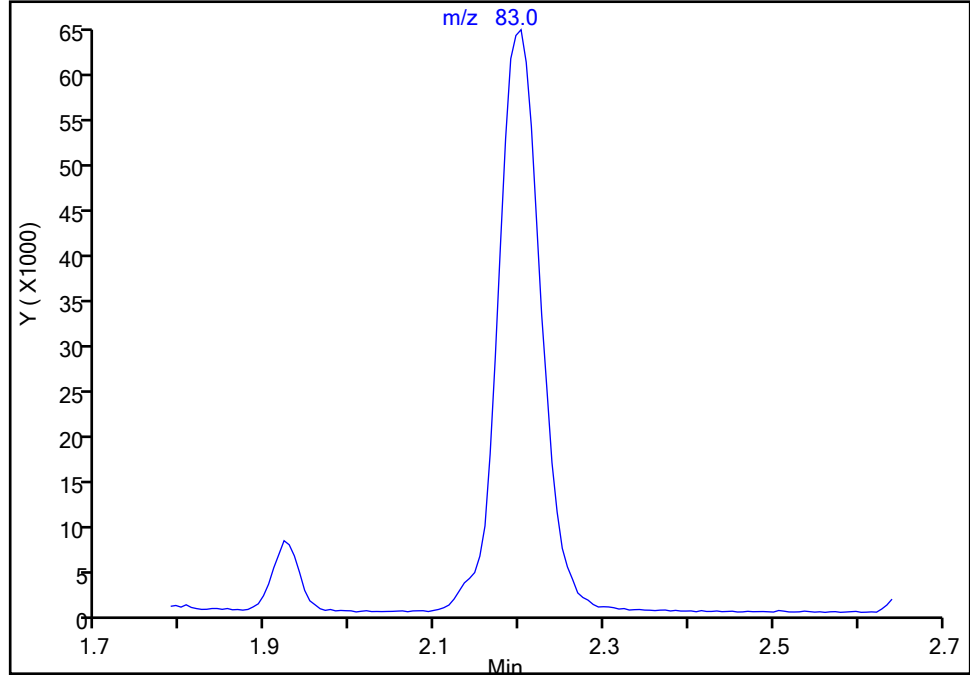
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

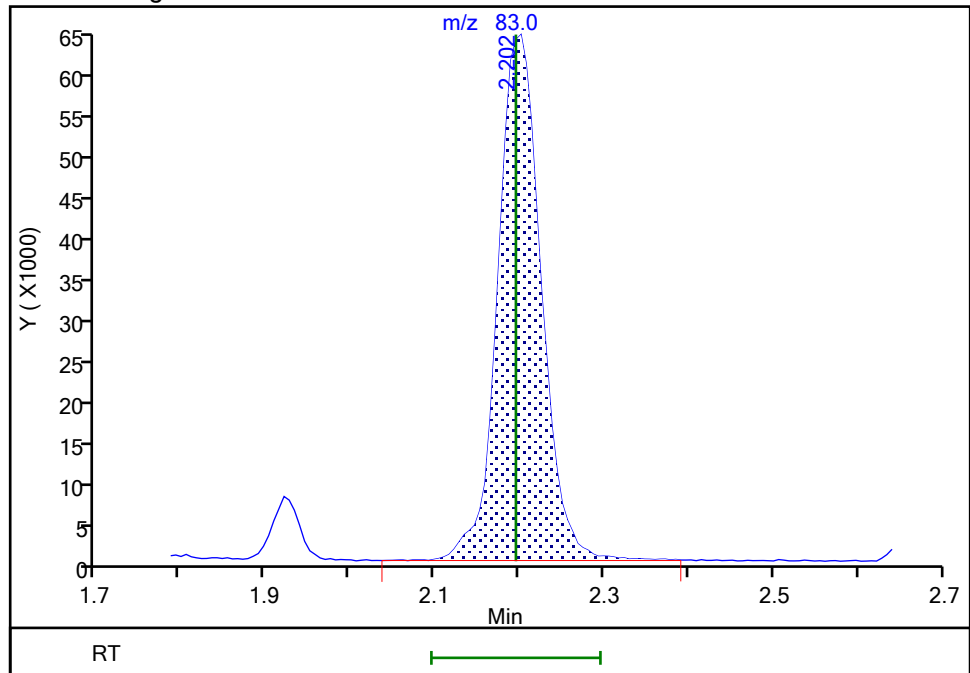
Expected RT: 2.20

Processing Integration Results



RT: 2.20
Area: 229821
Amount: 52.434078
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:27:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133024.D

Injection Date: 13-Nov-2020 03:03:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

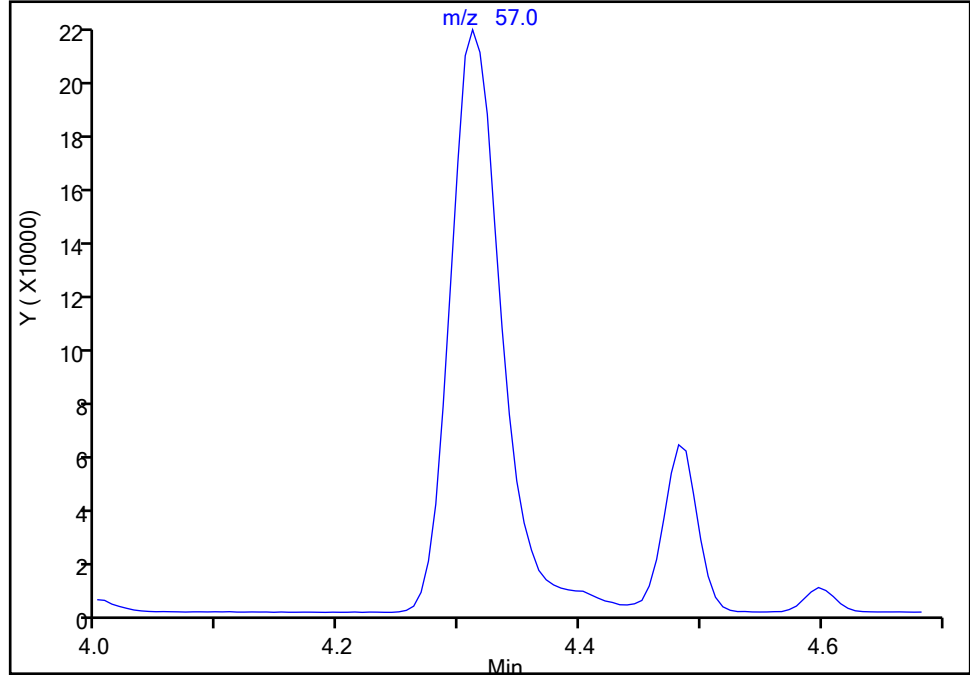
59 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

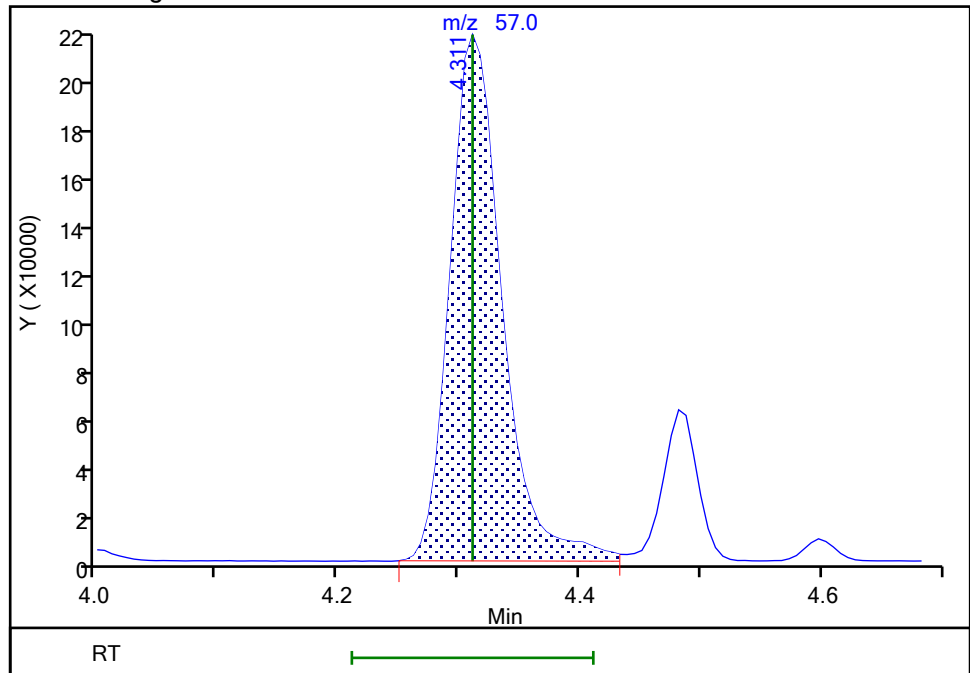
Expected RT: 4.31

Processing Integration Results



RT: 4.31
Area: 635286
Amount: 54.391964
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:27:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133024.D

Injection Date: 13-Nov-2020 03:03:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

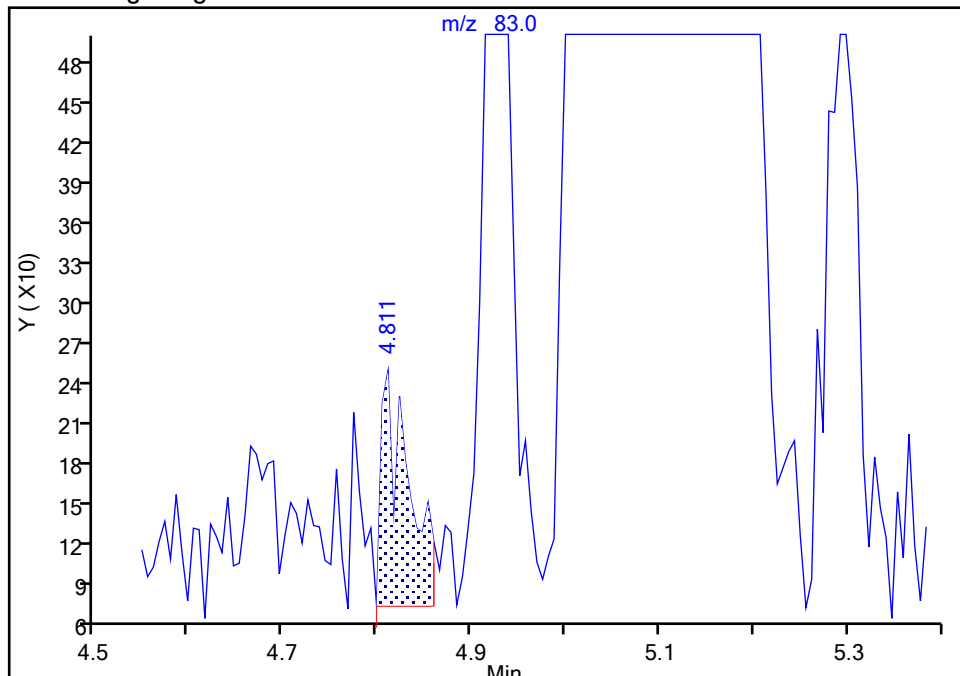
MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

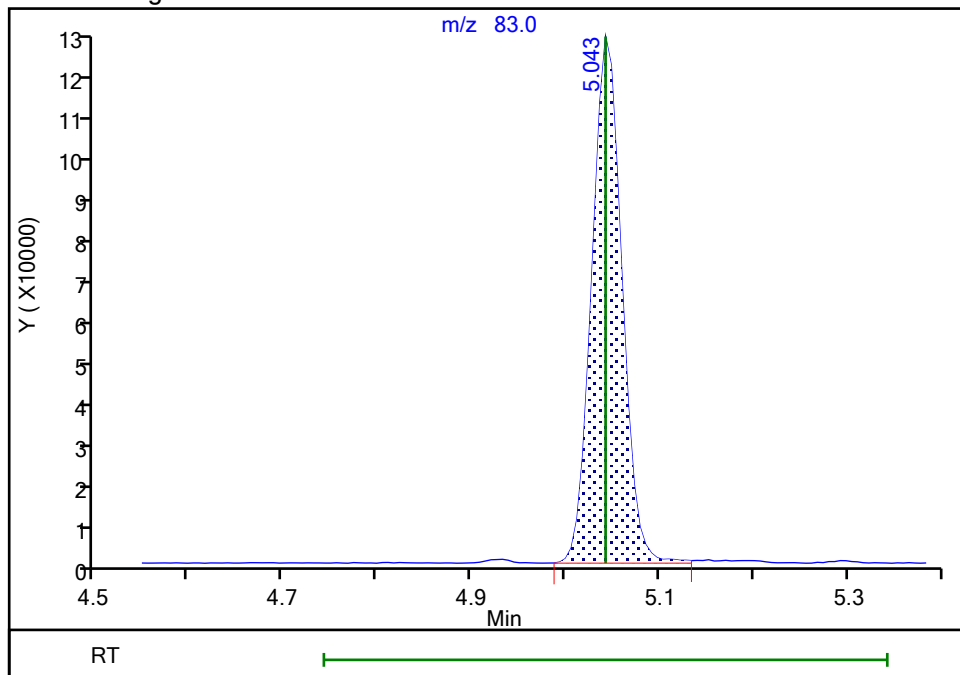
RT: 4.81
Area: 354
Amount: 0.088766
Amount Units: ug/l

Processing Integration Results



RT: 5.04
Area: 267227
Amount: 51.492642
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 13-Nov-2020 03:27:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133024.D

Injection Date: 13-Nov-2020 03:03:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

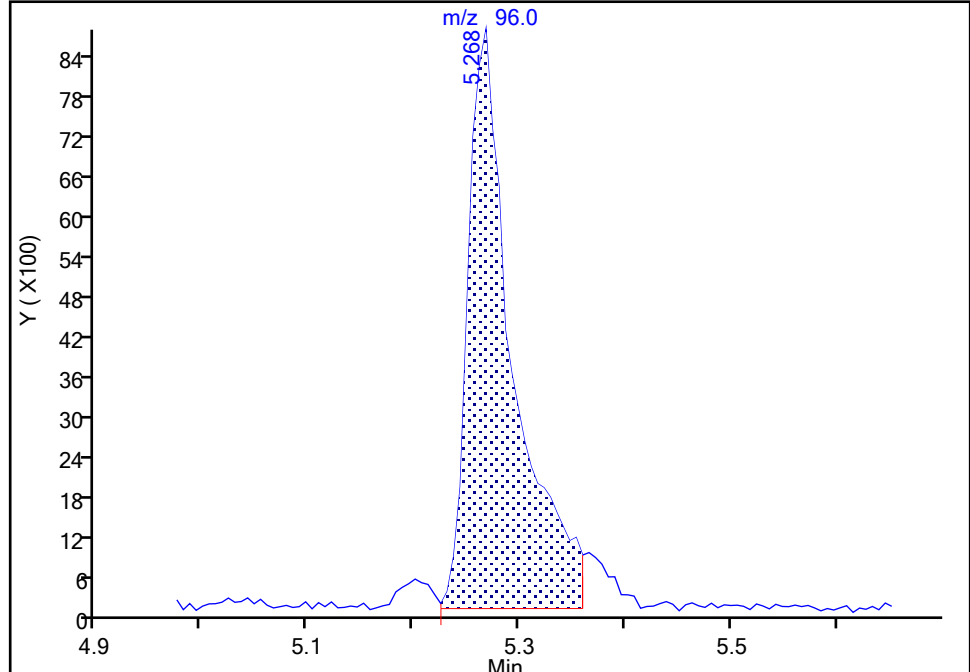
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

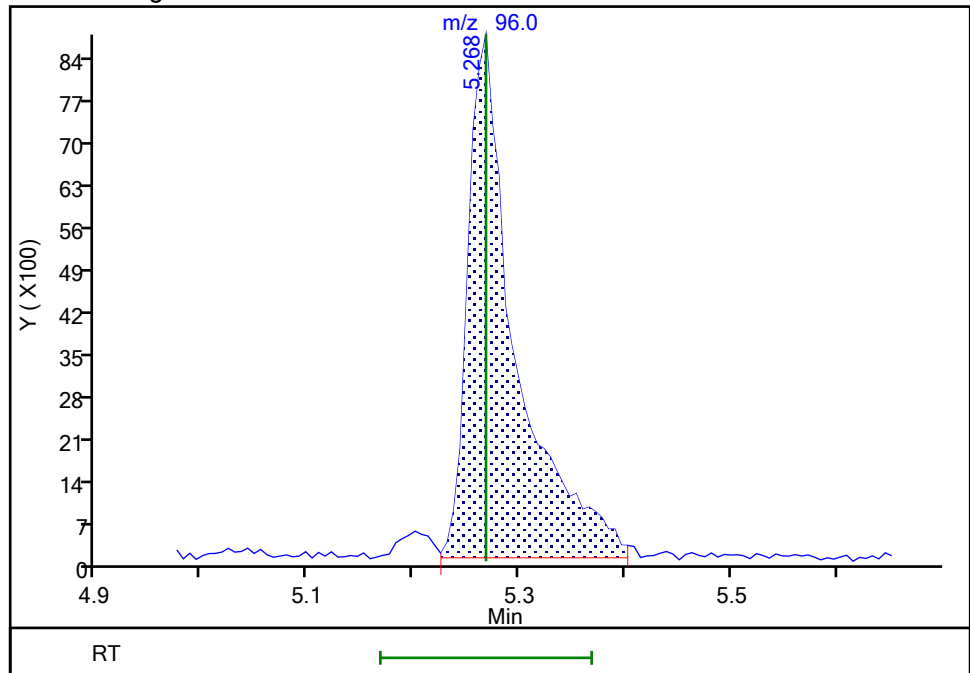
RT: 5.27
Area: 25741
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 27061
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:42:44

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 13-Nov-2020 03:23:30 ALS Bottle#: 7 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0120015-009
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:54:28 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: desais

Date: 13-Nov-2020 04:19:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	92	72446	200.0	199.4	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	97	761878	200.0	188.3	M
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	71	275749	200.0	213.3	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	99	1084835	200.0	222.6	
5 Chlorodifluoromethane	51	1.306	1.306	0.000	100	990504	200.0	221.7	M
6 Chloromethane	50	1.434	1.434	0.000	99	1065043	200.0	201.5	
8 Butadiene	54	1.501	1.501	0.000	97	892874	200.0	192.3	
7 Vinyl chloride	62	1.507	1.507	0.000	98	997439	200.0	193.4	
9 Bromomethane	94	1.720	1.720	0.000	99	572996	200.0	179.8	
10 Chloroethane	64	1.775	1.775	0.000	100	464411	200.0	200.5	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	99	1246916	200.0	197.1	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	98	981798	200.0	206.3	
13 Pentane	72	1.946	1.946	0.000	96	204766	400.0	380.3	
15 Ethyl ether	74	2.098	2.098	0.000	93	299153	200.0	178.0	
14 Ethanol	46	2.098	2.104	-0.006	83	144846	8000.0	9080.8	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	97	523430	200.0	186.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.153	2.159	-0.006	89	447875	200.0	176.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.196	0.006	95	785478	200.0	185.3	
19 Acrolein	56	2.244	2.244	0.000	93	72378	200.0	191.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	91	518008	200.0	192.3	
21 1,1-Dichloroethene	96	2.281	2.281	0.000	96	494379	200.0	178.6	
22 Acetone	43	2.348	2.348	0.000	87	828308	1000.0	897.7	
23 Iodomethane	142	2.409	2.409	0.000	99	882403	200.0	180.9	
25 Isopropyl alcohol	45	2.427	2.427	0.000	99	388122	2000.0	1862.5	a
24 Carbon disulfide	76	2.439	2.439	0.000	99	2033093	200.0	174.6	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	91	324548	200.0	185.7	
27 Methyl acetate	43	2.549	2.549	0.000	99	784959	400.0	359.8	
28 Cyclopentene	67	2.555	2.555	0.000	93	1319761	200.0	184.3	
29 Acetonitrile	40	2.598	2.604	-0.006	99	466337	2000.0	1667.9	a
* 31 TBA-d9 (IS)	66	2.653	2.647	0.006	40	36602	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	95	599123	200.0	178.9	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	98	544162	2000.0	1819.3	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	98	1337947	200.0	179.6	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	98	500050	200.0	177.8	
35 Acrylonitrile	53	2.878	2.878	0.000	95	2116678	2000.0	1810.4	
36 Hexane	57	2.945	2.945	0.000	94	743339	200.0	188.7	
37 Isopropyl ether	45	3.141	3.141	0.000	98	1832436	200.0	181.1	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	931621	200.0	182.0	
39 Vinyl acetate	86	3.177	3.177	0.000	100	217640	400.0	359.5	
40 2-Chloro-1,3-butadiene	88	3.202	3.202	0.000	91	434377	200.0	182.7	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	1584953	200.0	182.4	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	95	290879	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	94	186531	200.0	198.0	
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	97	557280	200.0	180.6	
45 2-Butanone (MEK)	72	3.647	3.647	0.000	96	298420	1000.0	849.3	
46 Ethyl acetate	70	3.653	3.653	0.000	96	111978	400.0	360.3	
47 Methyl acrylate	55	3.701	3.701	0.000	100	453759	200.0	185.1	
48 Propionitrile	54	3.769	3.768	0.000	99	820264	2000.0	1964.6	
49 Chlorobromomethane	128	3.829	3.829	0.000	94	263375	200.0	179.2	
50 Tetrahydrofuran	72	3.829	3.836	-0.007	81	131185	400.0	340.8	
51 Methacrylonitrile	67	3.860	3.860	0.000	92	2070977	2000.0	1837.5	
52 Chloroform	83	3.884	3.884	0.000	98	801196	200.0	172.3	
53 Cyclohexane	84	4.000	3.994	0.006	93	803452	200.0	184.0	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	99	764205	200.0	182.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.025	4.025	0.001	97	105186	50.0	48.4	
56 Carbon tetrachloride	117	4.122	4.116	0.006	99	646547	200.0	184.0	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	97	646524	200.0	178.0	
58 Isobutyl alcohol	43	4.287	4.287	0.000	92	1133548	5000.0	5264.7	
59 Isooctane	57	4.317	4.311	0.006	99	2425456	200.0	214.7	a
60 Benzene	78	4.329	4.329	0.000	97	1899762	200.0	161.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.348	4.348	0.000	90	124281	50.0	50.1	
62 Tert-amyl methyl ether	73	4.403	4.396	0.007	90	1666567	200.0	182.2	
63 Isopropyl acetate	61	4.403	4.409	-0.006	94	262449	200.0	174.6	
64 1,2-Dichloroethane	62	4.415	4.415	0.000	96	581912	200.0	172.6	
65 n-Heptane	100	4.482	4.488	-0.006	94	130391	200.0	191.6	
* 66 Fluorobenzene	96	4.598	4.598	0.000	98	432258	50.0	50.0	
67 n-Butanol	56	4.909	4.908	0.001	87	446027	5000.0	4736.2	
68 Trichloroethene	95	4.927	4.927	0.000	98	490002	200.0	185.9	
69 Methylcyclohexane	83	5.043	5.043	0.000	95	1001408	200.0	199.5	
70 Ethyl acrylate	99	5.061	5.061	0.000	98	78447	200.0	177.5	
71 1,2-Dichloropropane	63	5.201	5.201	0.000	92	517650	200.0	187.0	
* 72 1,4-Dioxane-d8	96	5.262	5.268	-0.006	88	24001	1000.0	1000.0	M
73 Methyl methacrylate	100	5.293	5.293	0.000	92	256265	400.0	399.7	
75 1,4-Dioxane	88	5.317	5.317	0.000	93	122261	4000.0	3721.1	
74 Dibromomethane	93	5.323	5.323	0.000	97	309913	200.0	178.0	
76 n-Propyl acetate	43	5.354	5.354	0.000	99	724853	200.0	178.6	
77 Dichlorobromomethane	83	5.469	5.469	0.000	99	676461	200.0	188.0	
78 2-Nitropropane	41	5.799	5.799	0.000	98	277241	400.0	399.8	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	85	355526	200.5	203.6	
80 Epichlorohydrin	57	5.902	5.902	0.000	99	1178983	4000.0	3979.6	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	94	858761	200.0	175.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.122	6.122	0.000	97	2683110	1000.0	930.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.183	6.183	0.000	98	401688	50.0	46.5	
84 Toluene	91	6.256	6.256	0.000	93	1986828	200.0	174.0	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	98	786399	200.0	180.2	
86 Ethyl methacrylate	69	6.652	6.652	0.000	91	693913	200.0	183.4	
87 1,1,2-Trichloroethane	83	6.811	6.811	0.000	97	396102	200.0	175.1	
88 Tetrachloroethene	166	6.835	6.835	0.000	96	469696	200.0	177.1	
89 1,3-Dichloropropane	76	7.012	7.006	0.006	96	758215	200.0	181.0	
90 2-Hexanone	43	7.091	7.091	0.000	96	1685500	1000.0	929.9	
91 n-Butyl acetate	43	7.213	7.213	0.000	99	800708	200.0	163.9	
92 Chlorodibromomethane	129	7.225	7.225	0.000	98	480460	200.0	178.1	
93 Ethylene Dibromide	107	7.365	7.365	0.000	98	446724	200.0	175.7	
* 94 Chlorobenzene-d5	117	7.908	7.902	0.006	87	335749	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	95	1256565	200.0	178.8	
96 Ethylbenzene	106	8.054	8.054	0.000	99	679923	200.0	175.0	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	95	504297	200.0	176.2	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	97	826518	200.0	173.2	
99 o-Xylene	106	8.725	8.725	0.000	93	902729	200.0	180.6	
100 n-Butyl acrylate	73	8.749	8.749	0.000	97	396558	200.0	165.6	
101 Styrene	104	8.761	8.761	0.000	94	1380689	200.0	176.3	
102 Bromoform	173	9.017	9.011	0.006	97	335155	200.0	183.0	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	90	945447	200.0	184.3	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	2418708	200.0	175.2	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	121491	50.0	47.3	
106 Bromobenzene	156	9.578	9.578	0.000	97	537345	200.0	200.9	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	645589	200.0	198.7	
108 N-Propylbenzene	91	9.688	9.688	0.000	99	2767402	200.0	194.6	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	98	152594	200.0	198.6	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	92	160729	200.0	194.0	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	1822841	200.0	193.4	
112 4-Ethyltoluene	105	9.828	9.828	0.000	98	2087978	200.0	187.1	
113 1,3,5-Trimethylbenzene	105	9.908	9.908	0.000	92	1915386	200.0	195.4	
114 4-Chlorotoluene	91	9.932	9.932	0.000	98	1673005	200.0	187.4	
115 Butyl Methacrylate	87	10.054	10.054	0.000	91	688184	200.0	198.7	
116 tert-Butylbenzene	119	10.231	10.231	0.000	93	1659501	200.0	206.7	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	1975895	200.0	194.3	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	2690226	200.0	202.4	
119 1,3-Dichlorobenzene	146	10.584	10.578	0.006	95	969966	200.0	185.2	
120 4-Isopropyltoluene	119	10.609	10.609	0.000	98	2140898	200.0	194.4	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	149476	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	94	946472	200.0	186.1	
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	99	2042703	200.0	193.1	
124 Benzyl chloride	91	10.834	10.828	0.006	98	1217977	200.0	190.2	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	1854272	200.0	191.4	
126 p-Diethylbenzene	119	10.974	10.968	0.006	92	1101717	200.0	187.6	
127 n-Butylbenzene	92	10.993	10.993	0.000	99	1151409	200.0	183.3	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	95	923483	200.0	183.4	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	2384908	200.0	204.3	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	98	142129	200.0	196.5	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	968694	200.0	197.5	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	94	946773	200.0	200.1	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	96	450734	200.0	209.5	
134 Naphthalene	128	12.547	12.547	0.000	99	2096909	200.0	193.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	95	839953	200.0	197.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	358.4	
S 137 Xylenes, Total	100				0		400.0	353.8	
S 138 Total 1,2-dichloroethene	1				0			358.4	
S 139 1,3-Dichloropropene, Total	1				0		400.0	355.2	
S 140 Total BTEX	1				0		1000.0	864.7	

QC Flag Legend

Processing Flags

Review Flags

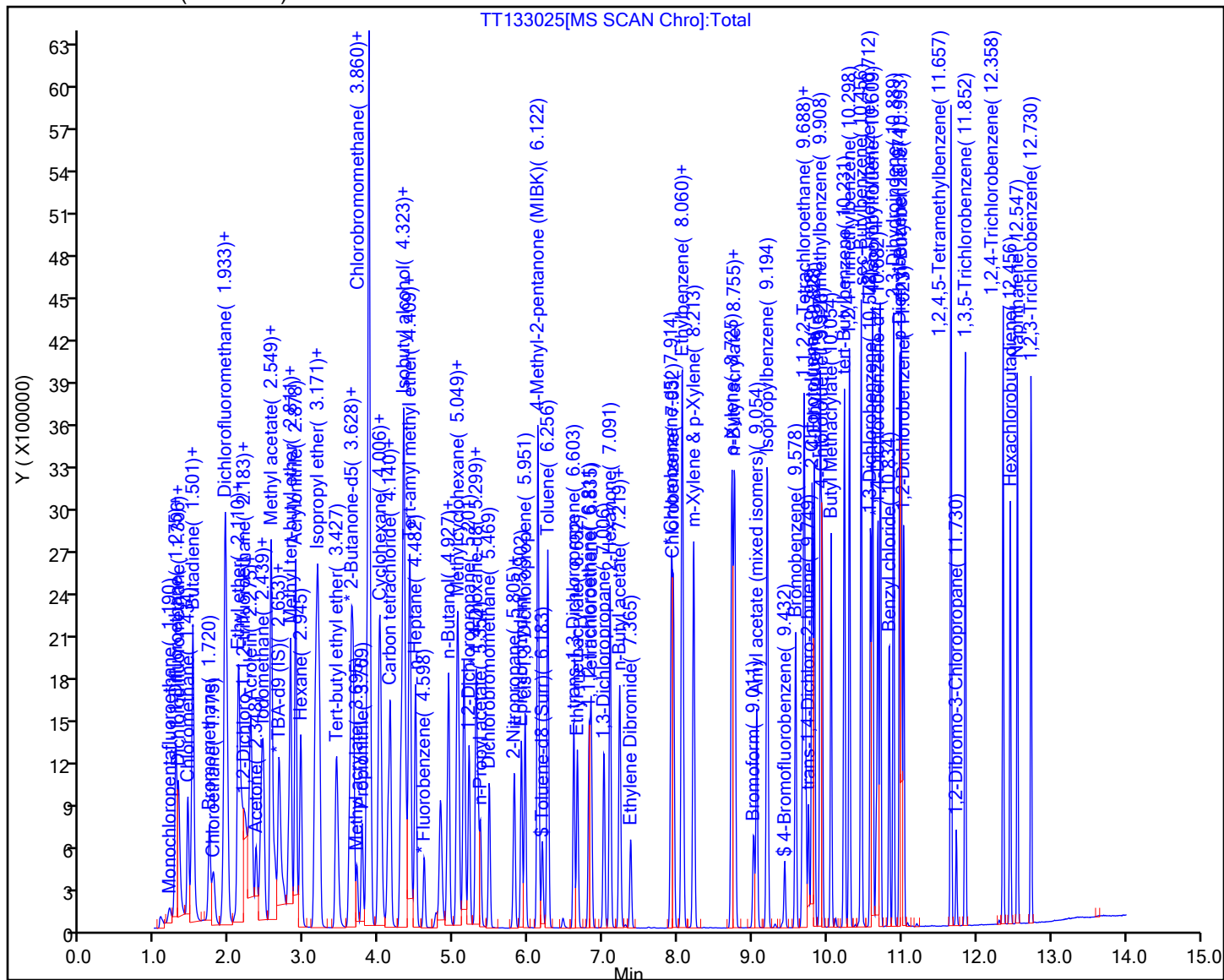
M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00375	Amount Added: 20.00	Units: uL	
ACROLEIN W_00115	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00104	Amount Added: 20.00	Units: uL	
MIX I Hi_00131	Amount Added: 20.00	Units: uL	
8FreonHi_00025	Amount Added: 20.00	Units: uL	
Ethanol mix_00046	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D

Injection Date: 13-Nov-2020 03:23:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

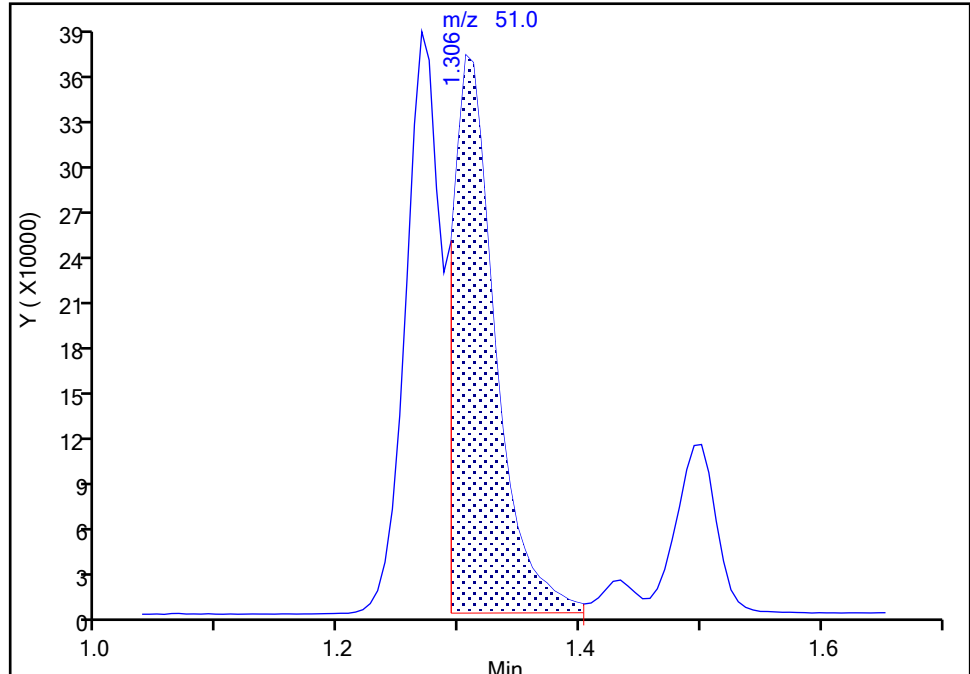
MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

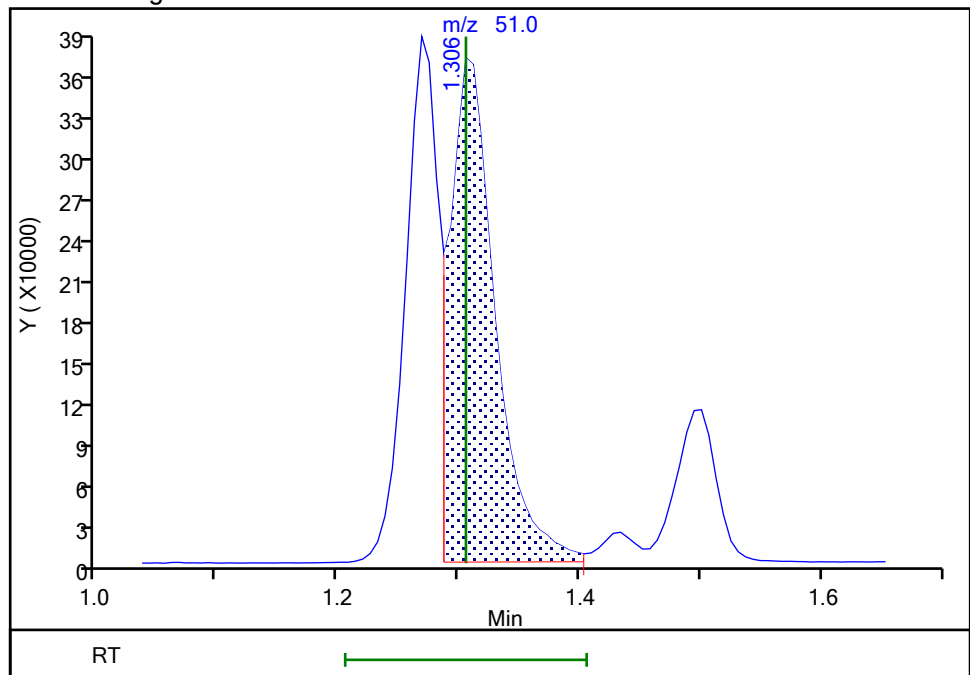
RT: 1.31
Area: 907158
Amount: 205.8230
Amount Units: ug/l

Processing Integration Results



RT: 1.31
Area: 990504
Amount: 221.7381
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:52:32

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D

Injection Date: 13-Nov-2020 03:23:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

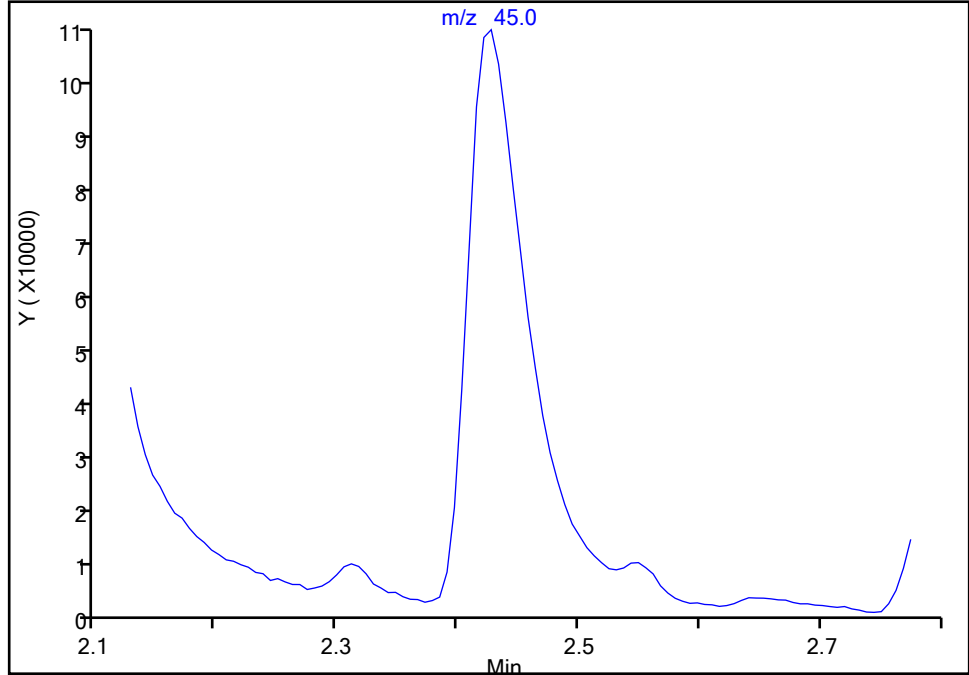
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

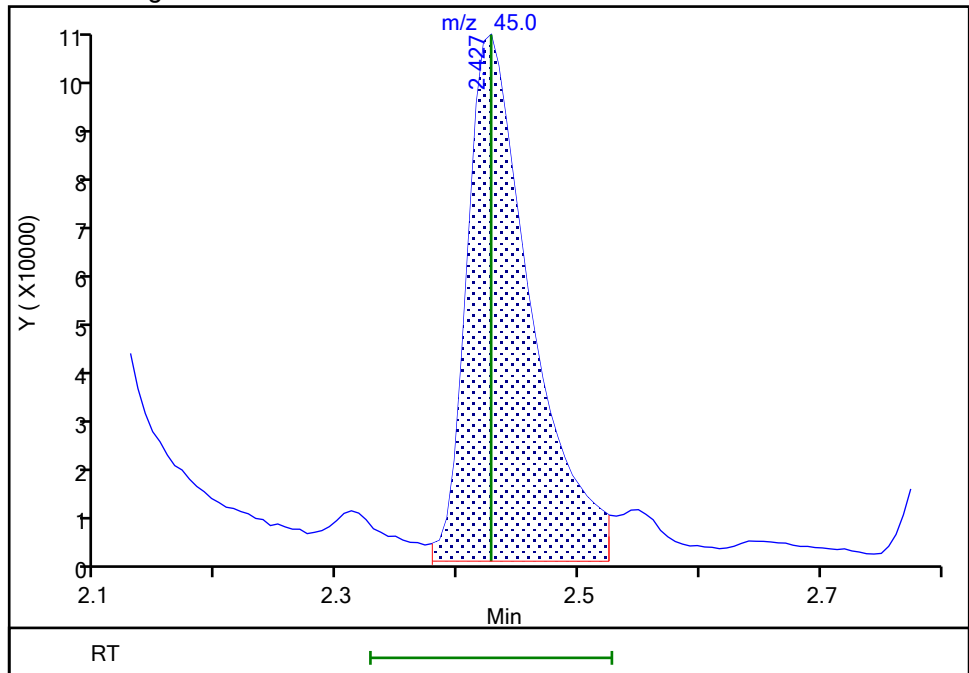
Expected RT: 2.43

Processing Integration Results



RT: 2.43
Area: 388122
Amount: 1862.4637
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:18:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D

Injection Date: 13-Nov-2020 03:23:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

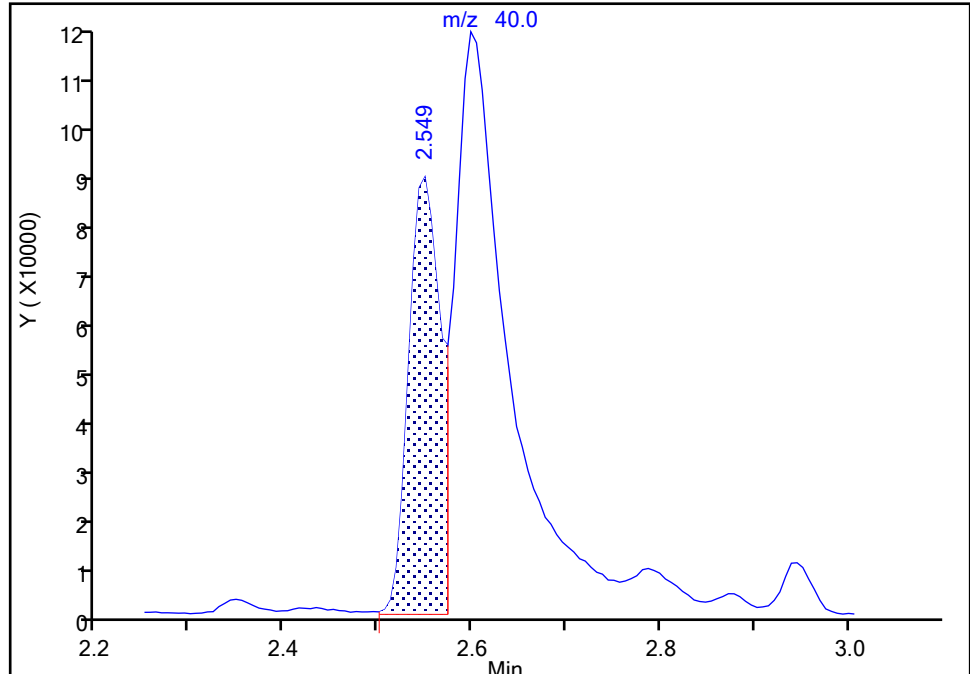
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

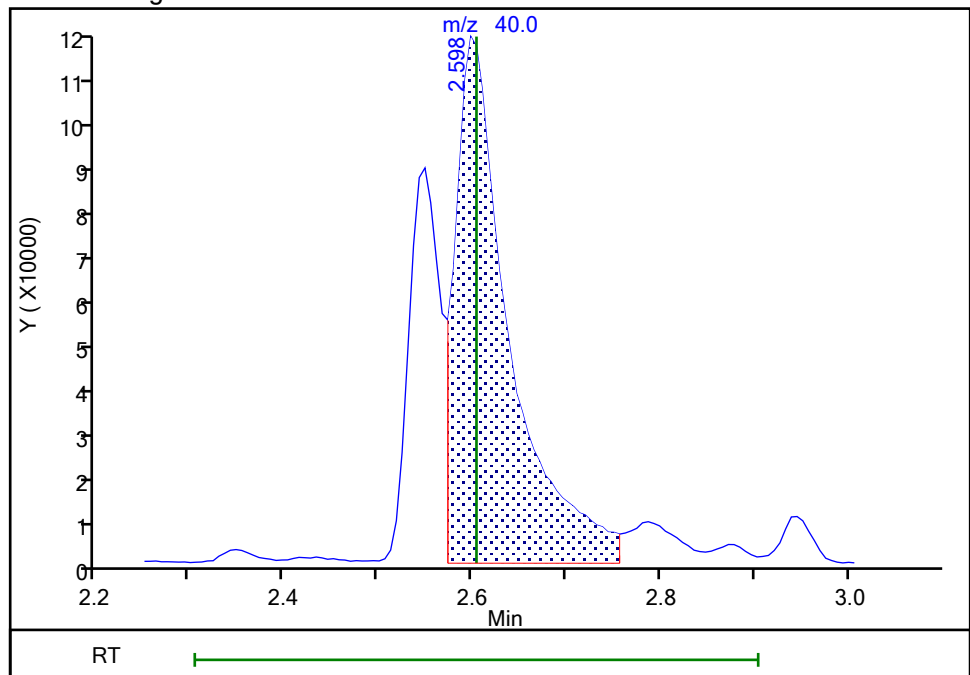
RT: 2.55
Area: 210943
Amount: 764.4575
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 466337
Amount: 1667.9268
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:18:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D

Injection Date: 13-Nov-2020 03:23:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

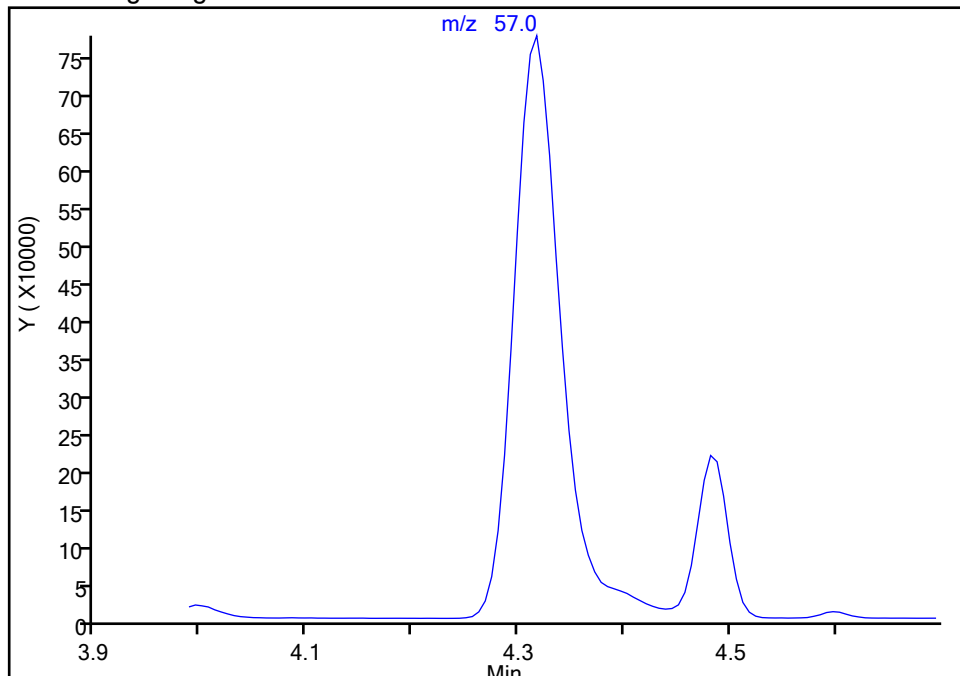
59 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

Expected RT: 4.31

Processing Integration Results



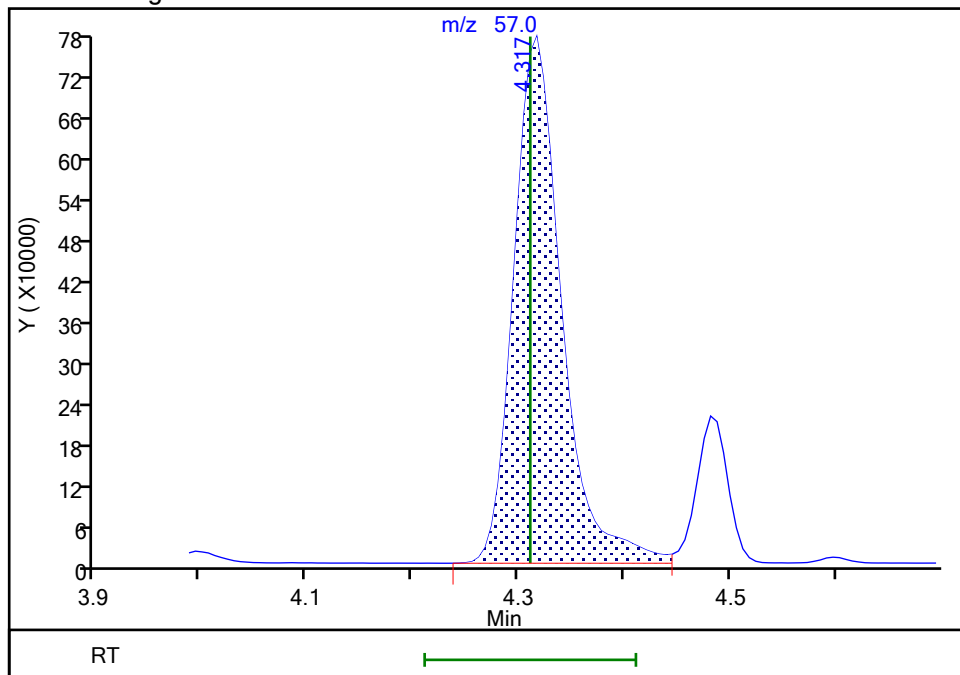
RT: 4.32

Area: 2425456

Amount: 214.6678

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:29:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133025.D

Injection Date: 13-Nov-2020 03:23:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

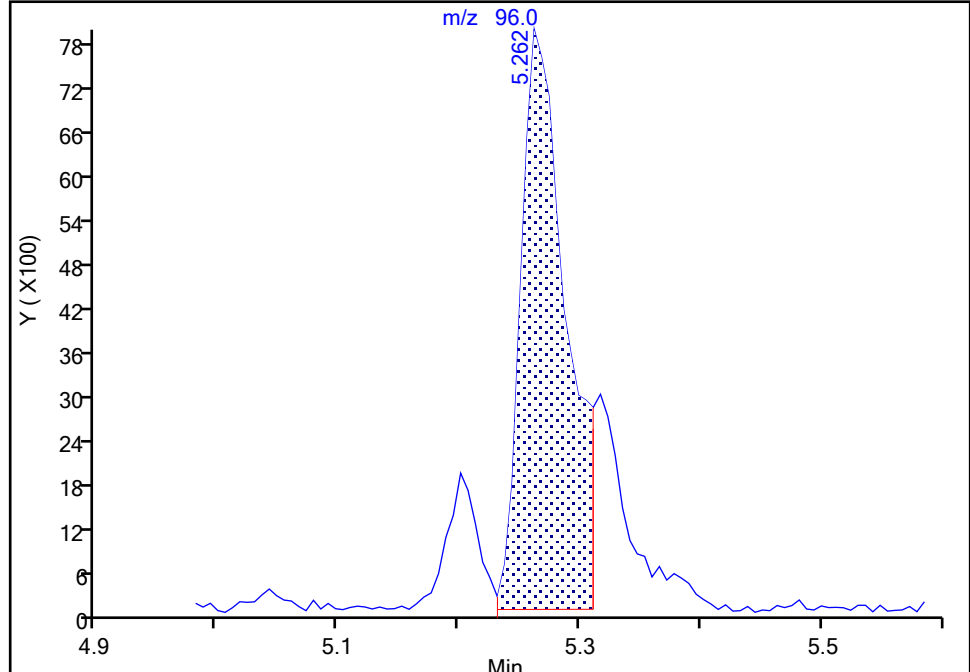
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

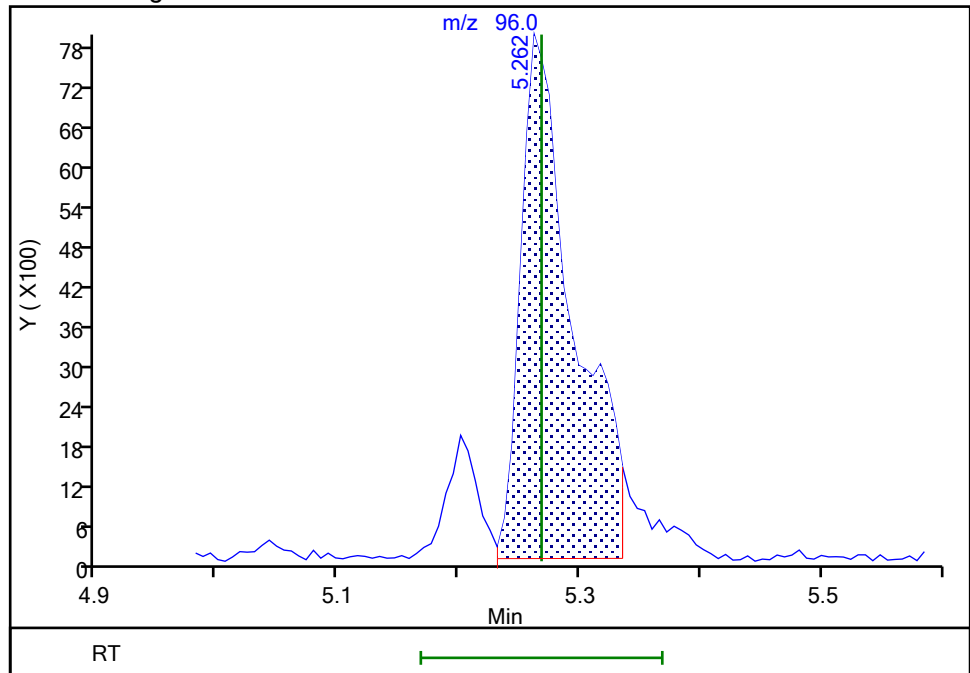
RT: 5.26
Area: 20718
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.26
Area: 24001
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:49:22

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 13-Nov-2020 03:44:30 ALS Bottle#: 8 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0120015-010
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 07:54:49 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: desais

Date: 13-Nov-2020 04:32:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.190	1.196	-0.006	67	183458	500.0	500.1	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	97	2186919	500.0	554.1	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	78	691153	500.0	548.2	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	99	2708086	500.0	569.8	
5 Chlorodifluoromethane	51	1.312	1.306	0.006	100	2270973	500.0	521.2	
6 Chloromethane	50	1.434	1.434	0.000	99	2583180	500.0	501.0	
8 Butadiene	54	1.501	1.501	0.000	97	1986017	500.0	438.5	
7 Vinyl chloride	62	1.501	1.507	-0.006	99	2296346	500.0	456.4	
9 Bromomethane	94	1.720	1.720	0.000	99	1164524	500.0	402.5	
10 Chloroethane	64	1.775	1.775	0.000	100	923159	500.0	499.9	
11 Dichlorofluoromethane	67	1.921	1.927	-0.006	99	2849787	500.0	461.9	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	100	2194399	500.0	472.8	
13 Pentane	72	1.952	1.946	0.006	96	453018	1000.0	862.6	
15 Ethyl ether	74	2.098	2.098	0.000	95	683361	500.0	417.0	
14 Ethanol	46	2.092	2.104	-0.012	85	336631	20000	23375	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	1212125	500.0	442.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	97	1100952	500.0	445.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.196	0.006	94	1852399	500.0	447.9	a
19 Acrolein	56	2.244	2.244	0.000	92	121884	400.0	357.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	93	1174959	500.0	447.2	
21 1,1-Dichloroethene	96	2.287	2.281	0.006	98	1189148	500.0	440.4	
22 Acetone	43	2.348	2.348	0.000	87	2014076	2500.0	2403.8	
23 Iodomethane	142	2.415	2.409	0.006	99	2173445	500.0	456.8	
25 Isopropyl alcohol	45	2.427	2.427	0.000	94	901893	5000.0	4793.6	
24 Carbon disulfide	76	2.439	2.439	0.000	99	4917264	500.0	432.9	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	92	785093	500.0	460.6	
27 Methyl acetate	43	2.549	2.549	0.000	99	1751388	1000.0	823.0	
28 Cyclopentene	67	2.555	2.555	0.000	93	3111495	500.0	445.5	
29 Acetonitrile	40	2.598	2.604	-0.006	98	1075112	5000.0	4234.6	a
* 31 TBA-d9 (IS)	66	2.659	2.647	0.012	71	33046	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.659	2.653	0.006	95	1465771	500.0	448.7	
32 2-Methyl-2-propanol	59	2.720	2.714	0.006	91	1407856	5000.0	5213.5	a
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	98	3000685	500.0	413.1	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	1220223	500.0	444.9	
35 Acrylonitrile	53	2.878	2.878	0.000	95	4804747	5000.0	4213.3	
36 Hexane	57	2.945	2.945	0.000	94	1705646	500.0	444.0	
37 Isopropyl ether	45	3.141	3.141	-0.001	98	4249847	500.0	430.6	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	100	2234140	500.0	447.4	
39 Vinyl acetate	86	3.177	3.177	0.000	100	511683	1000.0	930.8	
40 2-Chloro-1,3-butadiene	88	3.201	3.202	-0.001	91	1041913	500.0	449.2	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	3639220	500.0	429.3	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	94	264141	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	95	468699	500.0	500.3	
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	98	1380124	500.0	458.5	
45 2-Butanone (MEK)	72	3.647	3.647	-0.001	100	686204	2500.0	2150.6	
46 Ethyl acetate	70	3.653	3.653	0.000	96	261849	1000.0	927.8	
47 Methyl acrylate	55	3.701	3.701	0.000	100	1045735	500.0	437.3	
48 Propionitrile	54	3.768	3.768	0.000	99	1950487	5000.0	5174.4	
49 Chlorobromomethane	128	3.835	3.829	0.006	93	646285	500.0	450.8	
50 Tetrahydrofuran	72	3.829	3.836	-0.007	74	313355	1000.0	896.4	
51 Methacrylonitrile	67	3.866	3.860	0.006	91	4689923	5000.0	4266.2	
52 Chloroform	83	3.884	3.884	0.000	99	1909477	500.0	421.1	
53 Cyclohexane	84	4.000	3.994	0.006	93	1942147	500.0	456.0	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	99	1902741	500.0	466.6	
\$ 55 Dibromofluoromethane (Surr)	113	4.024	4.025	0.000	97	97796	50.0	46.1	
56 Carbon tetrachloride	117	4.122	4.116	0.006	99	1625216	500.0	474.1	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	97	1627643	500.0	459.4	
58 Isobutyl alcohol	43	4.293	4.287	0.006	92	2615294	12500	13454	
59 Isooctane	57	4.317	4.311	0.006	100	5579317	500.0	506.3	a
60 Benzene	78	4.329	4.329	0.000	96	4656252	500.0	395.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.348	4.348	0.000	89	122246	50.0	50.5	
62 Tert-amyl methyl ether	73	4.402	4.396	0.006	89	3768615	500.0	422.4	
63 Isopropyl acetate	61	4.409	4.409	0.000	97	622393	500.0	424.6	
64 1,2-Dichloroethane	62	4.421	4.415	0.006	96	1393170	500.0	423.6	
65 n-Heptane	100	4.488	4.488	0.000	94	306568	500.0	461.9	
* 66 Fluorobenzene	96	4.604	4.598	0.006	98	421614	50.0	50.0	
67 n-Butanol	56	4.915	4.908	0.007	87	1100339	12500	12941	
68 Trichloroethene	95	4.933	4.927	0.006	99	1254950	500.0	488.0	
69 Methylcyclohexane	83	5.049	5.043	0.006	92	2410361	500.0	492.2	
70 Ethyl acrylate	99	5.061	5.061	0.000	98	188041	500.0	436.3	
71 1,2-Dichloropropane	63	5.201	5.201	0.000	92	1294639	500.0	479.6	
* 72 1,4-Dioxane-d8	96	5.268	5.268	0.000	84	18099	1000.0	1000.0	
73 Methyl methacrylate	100	5.299	5.293	0.006	91	626027	1000.0	1001.1	
75 1,4-Dioxane	88	5.317	5.317	0.000	92	303834	10000	12263	
74 Dibromomethane	93	5.323	5.323	0.000	97	756615	500.0	445.5	
76 n-Propyl acetate	43	5.353	5.354	-0.001	99	1737845	500.0	439.0	
77 Dichlorobromomethane	83	5.475	5.469	0.006	100	1717065	500.0	489.2	
78 2-Nitropropane	41	5.799	5.799	0.000	97	696531	1000.0	1000.0	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	98	899086	501.2	528.0	
80 Epichlorohydrin	57	5.908	5.902	0.006	99	2853725	10000	10608	
81 cis-1,3-Dichloropropene	75	5.957	5.951	0.006	93	2136143	500.0	433.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.128	6.122	0.006	96	6203181	2500.0	2368.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.189	6.183	0.006	98	382173	50.0	44.1	
84 Toluene	91	6.256	6.256	0.000	94	4950993	500.0	431.5	
85 trans-1,3-Dichloropropene	75	6.609	6.603	0.006	97	2005246	500.0	457.6	
86 Ethyl methacrylate	69	6.658	6.652	0.006	90	1715485	500.0	451.2	
87 1,1,2-Trichloroethane	83	6.811	6.811	0.000	97	990899	500.0	436.0	
88 Tetrachloroethene	166	6.841	6.835	0.006	98	1206235	500.0	452.7	
89 1,3-Dichloropropane	76	7.012	7.006	0.006	95	1904682	500.0	452.6	
90 2-Hexanone	43	7.091	7.091	0.000	96	4044415	2500.0	2457.3	
91 n-Butyl acetate	43	7.219	7.213	0.006	99	1943777	500.0	396.1	
92 Chlorodibromomethane	129	7.231	7.225	0.006	98	1217888	500.0	449.3	
93 Ethylene Dibromide	107	7.371	7.365	0.006	98	1146713	500.0	448.9	
* 94 Chlorobenzene-d5	117	7.908	7.902	0.006	90	337260	50.0	50.0	
95 Chlorobenzene	112	7.944	7.938	0.006	92	3229196	500.0	457.4	
96 Ethylbenzene	106	8.054	8.054	0.000	99	1741382	500.0	446.3	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	96	1255134	500.0	436.6	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	97	2172473	500.0	453.3	
99 o-Xylene	106	8.725	8.725	0.000	94	2416262	500.0	481.1	
100 n-Butyl acrylate	73	8.749	8.749	0.000	97	968785	500.0	402.8	
101 Styrene	104	8.767	8.761	0.006	94	3523068	500.0	447.9	
102 Bromoform	173	9.017	9.011	0.006	96	907120	500.0	493.1	
103 Amyl acetate (mixed isomers)	43	9.060	9.054	0.006	90	2392373	500.0	450.0	
104 Isopropylbenzene	105	9.200	9.194	0.006	97	6189784	500.0	446.5	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	127495	50.0	49.4	
106 Bromobenzene	156	9.578	9.578	0.000	97	1473680	500.0	531.7	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	1660389	500.0	493.2	
108 N-Propylbenzene	91	9.694	9.688	0.006	99	7079287	500.0	480.3	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	98	378643	500.0	500.2	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	93	411098	500.0	478.8	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	4776466	500.0	489.1	
112 4-Ethyltoluene	105	9.828	9.828	0.000	98	5416178	500.0	468.4	
113 1,3,5-Trimethylbenzene	105	9.914	9.908	0.006	93	5033502	500.0	495.4	
114 4-Chlorotoluene	91	9.938	9.932	0.006	99	4400271	500.0	475.5	
115 Butyl Methacrylate	87	10.054	10.054	0.000	91	1888279	500.0	526.0	
116 tert-Butylbenzene	119	10.231	10.231	0.000	93	4546222	500.0	546.5	
117 1,2,4-Trimethylbenzene	105	10.304	10.298	0.006	98	5210506	500.0	494.3	
118 sec-Butylbenzene	105	10.456	10.456	0.000	98	7047634	500.0	511.7	
119 1,3-Dichlorobenzene	146	10.584	10.578	0.006	95	2711462	500.0	499.5	
120 4-Isopropyltoluene	119	10.615	10.609	0.006	97	5568152	500.0	487.9	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	96	154917	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	93	2592057	500.0	491.6	
123 1,2,3-Trimethylbenzene	105	10.718	10.712	0.006	99	5358043	500.0	488.7	
124 Benzyl chloride	91	10.834	10.828	0.006	98	3288272	500.0	495.5	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	4904230	500.0	488.5	
126 p-Diethylbenzene	119	10.974	10.968	0.006	92	3069268	500.0	504.2	
127 n-Butylbenzene	92	10.993	10.993	0.000	99	3047668	500.0	468.2	
128 1,2-Dichlorobenzene	146	11.029	11.023	0.006	95	2479235	500.0	475.2	
129 1,2,4,5-Tetramethylbenzene	119	11.663	11.657	0.006	97	6489002	500.0	536.4	
130 1,2-Dibromo-3-Chloropropane	157	11.736	11.730	0.006	97	382858	500.0	510.7	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	2668826	500.0	524.9	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	95	2579360	500.0	526.0	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	94	1230293	500.0	551.9	
134 Naphthalene	128	12.553	12.547	0.006	99	5311326	500.0	473.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.736	12.730	0.006	95	2166067	500.0	492.5	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	903.3	
S 137 Xylenes, Total	100				0		1000.0	934.4	
S 138 Total 1,2-dichloroethene	1				0			903.3	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	890.8	
S 140 Total BTEX	1				0		2500.0	2207.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00375	Amount Added: 50.00	Units: uL	
ACROLEIN W_00115	Amount Added: 40.00	Units: uL	
MIX 2 Hi_00104	Amount Added: 50.00	Units: uL	
MIX I Hi_00131	Amount Added: 50.00	Units: uL	
8FreonHi_00025	Amount Added: 50.00	Units: uL	
Ethanol mix_00046	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D

Injection Date: 13-Nov-2020 03:44:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

10

Purge Vol: 5.000 mL

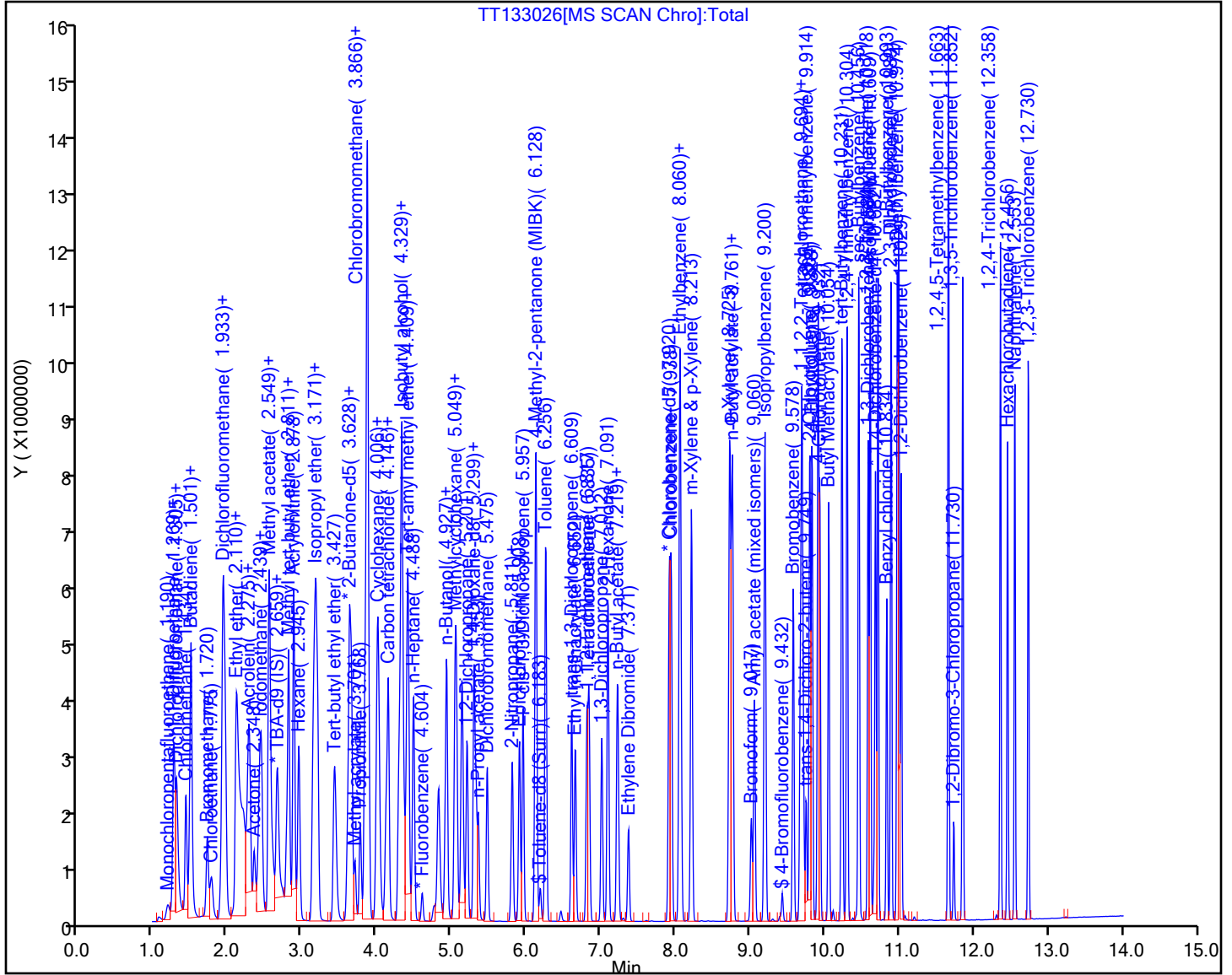
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D

Injection Date: 13-Nov-2020 03:44:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

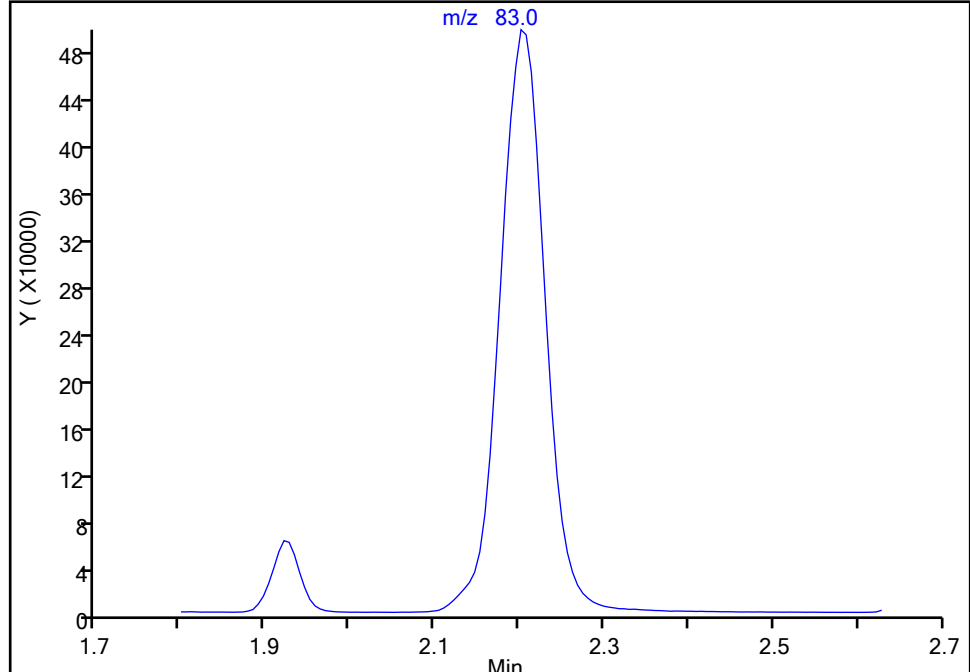
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

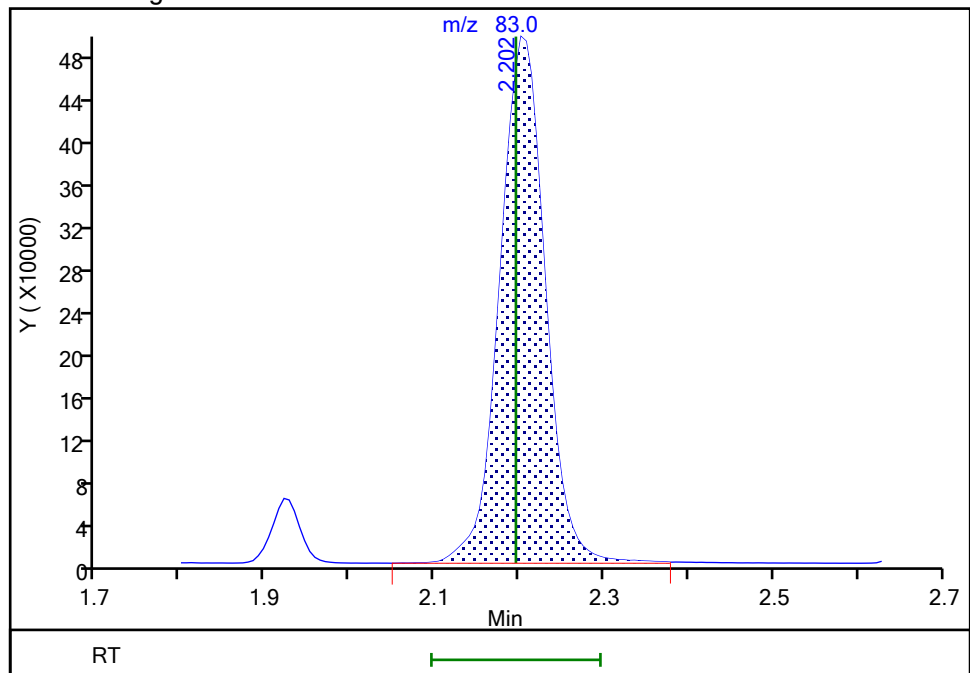
Not Detected

Expected RT: 2.20

Processing Integration Results



Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:30:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D

Injection Date: 13-Nov-2020 03:44:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

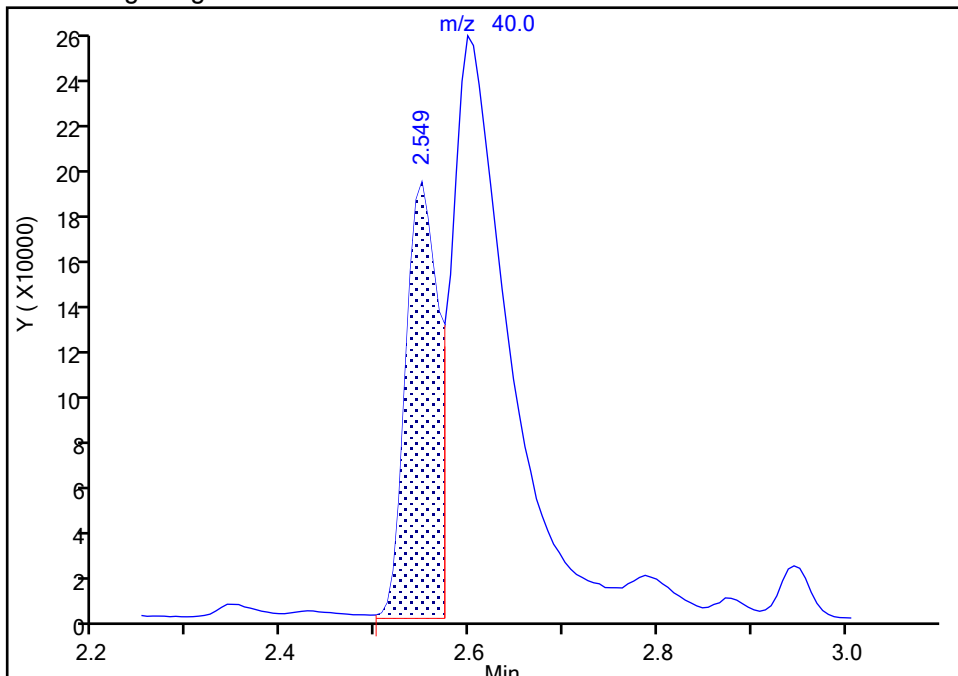
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

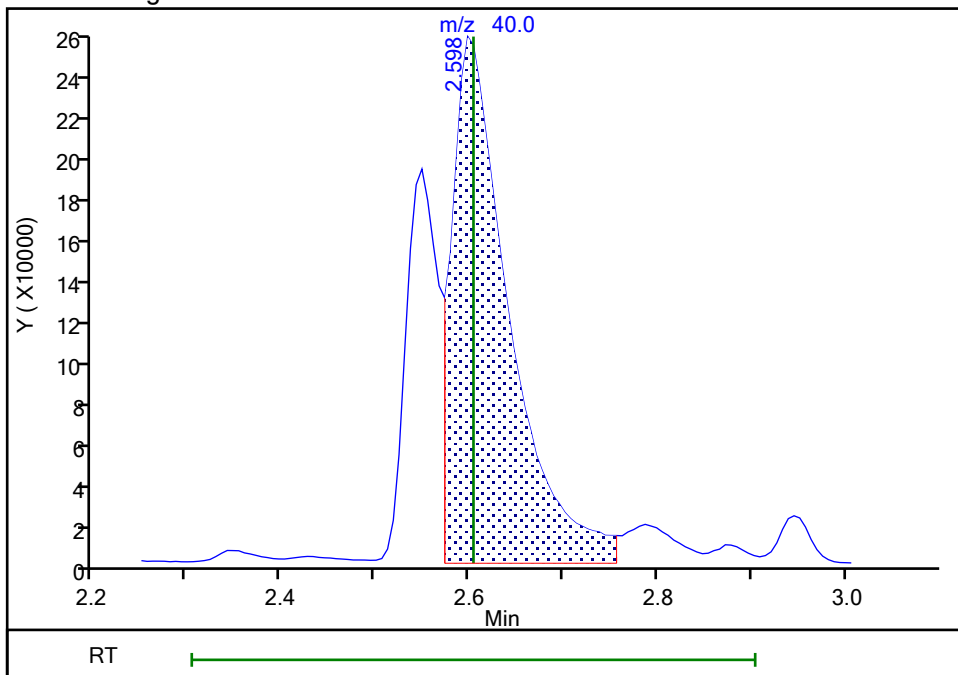
RT: 2.55
Area: 470468
Amount: 2458.6159
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 1075112
Amount: 4234.5511
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:30:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D

Injection Date: 13-Nov-2020 03:44:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

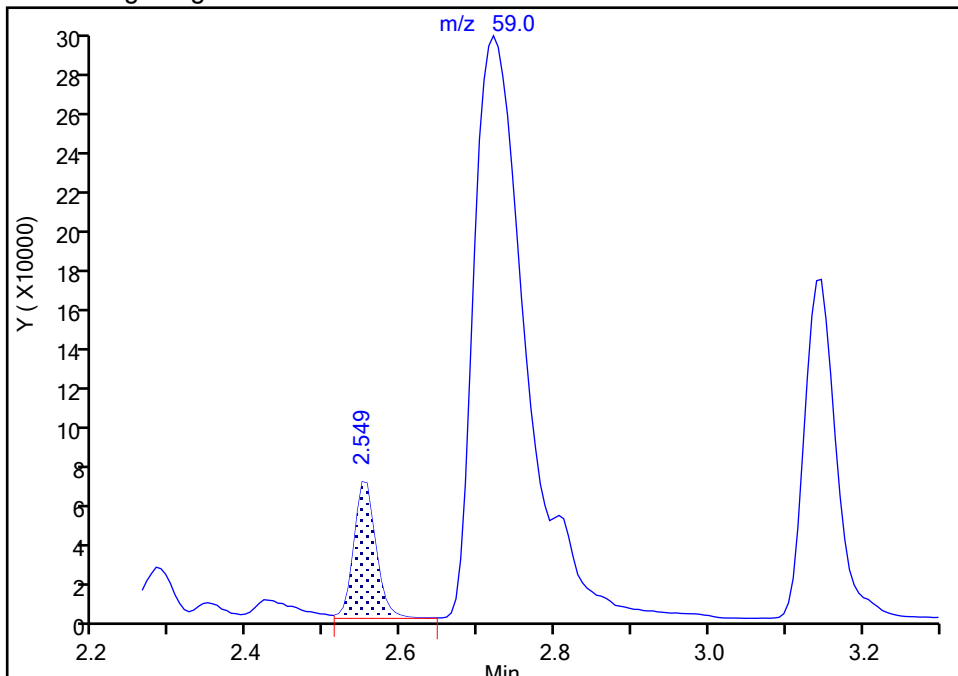
MS Quad

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

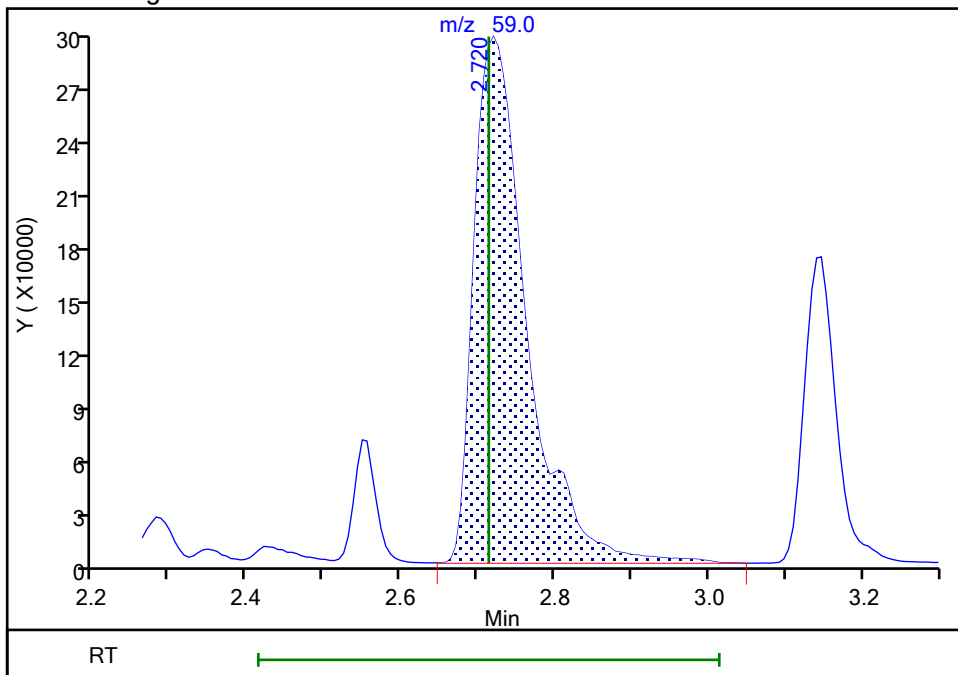
RT: 2.55
Area: 138607
Amount: 570.9868
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 1407856
Amount: 5213.4564
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:30:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
Injection Date: 13-Nov-2020 03:44:30 Instrument ID: CVOAMS17
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

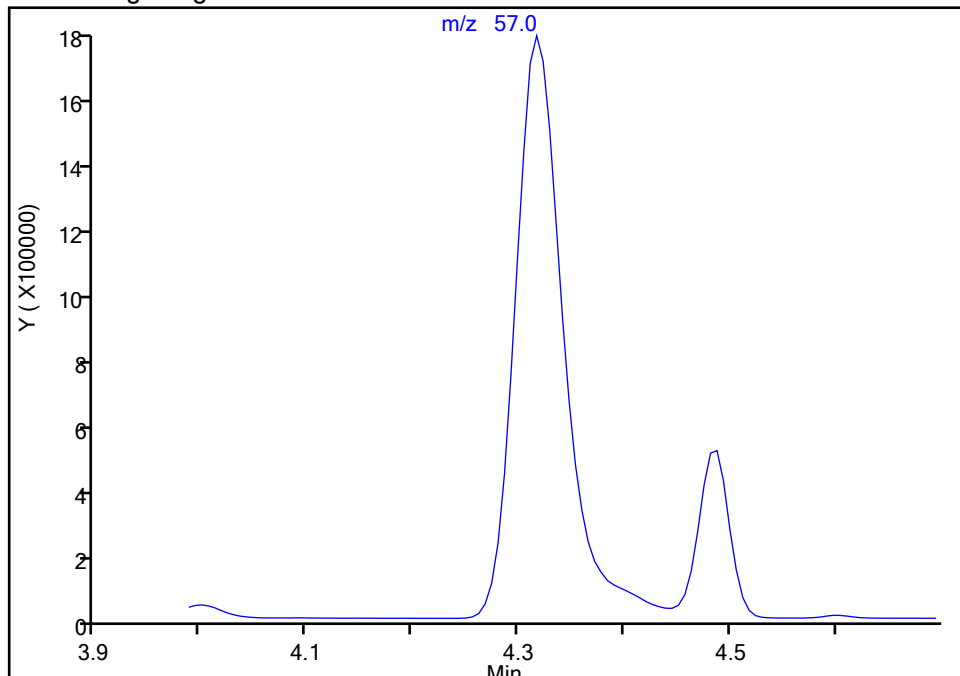
ALS Bottle#: 8 Worklist Smp#: 10
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS Quad

59 Isooctane, CAS: 540-84-1

Signal: 1

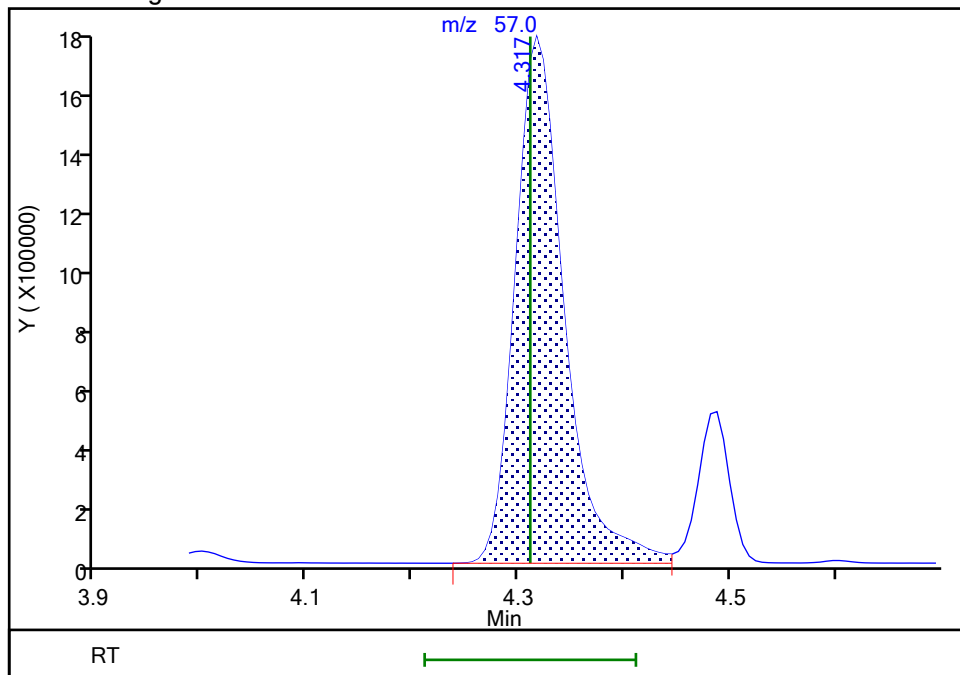
Not Detected
Expected RT: 4.31

Processing Integration Results



RT: 4.32
Area: 5579317
Amount: 506.2704
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 13-Nov-2020 04:31:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

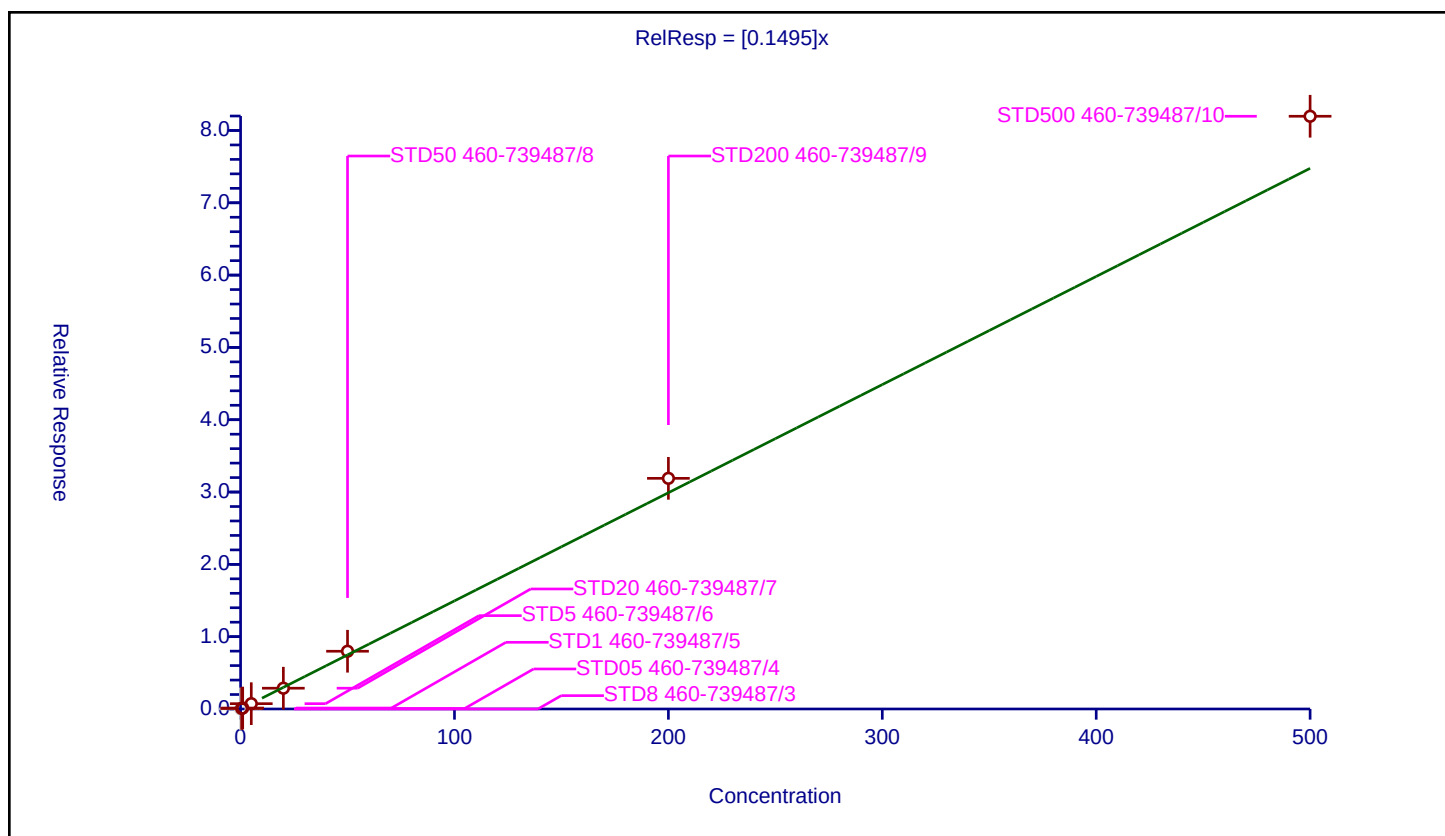
Curve Coefficients

Intercept: 0
Slope: 0.1495

Error Coefficients

Standard Error: 305000
Relative Standard Error: 7.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.070673	50.0	503023.0	0.141345	Y
3	STD1 460-739487/5	1.0	0.13152	50.0	506006.0	0.13152	Y
4	STD5 460-739487/6	5.0	0.735304	50.0	524477.0	0.147061	Y
5	STD20 460-739487/7	20.0	2.872888	50.0	476698.0	0.143644	Y
6	STD50 460-739487/8	50.0	7.985315	50.0	446839.0	0.159706	Y
7	STD200 460-739487/9	200.0	31.896344	50.0	432258.0	0.159482	Y
8	STD500 460-739487/10	500.0	81.965139	50.0	421614.0	0.16393	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

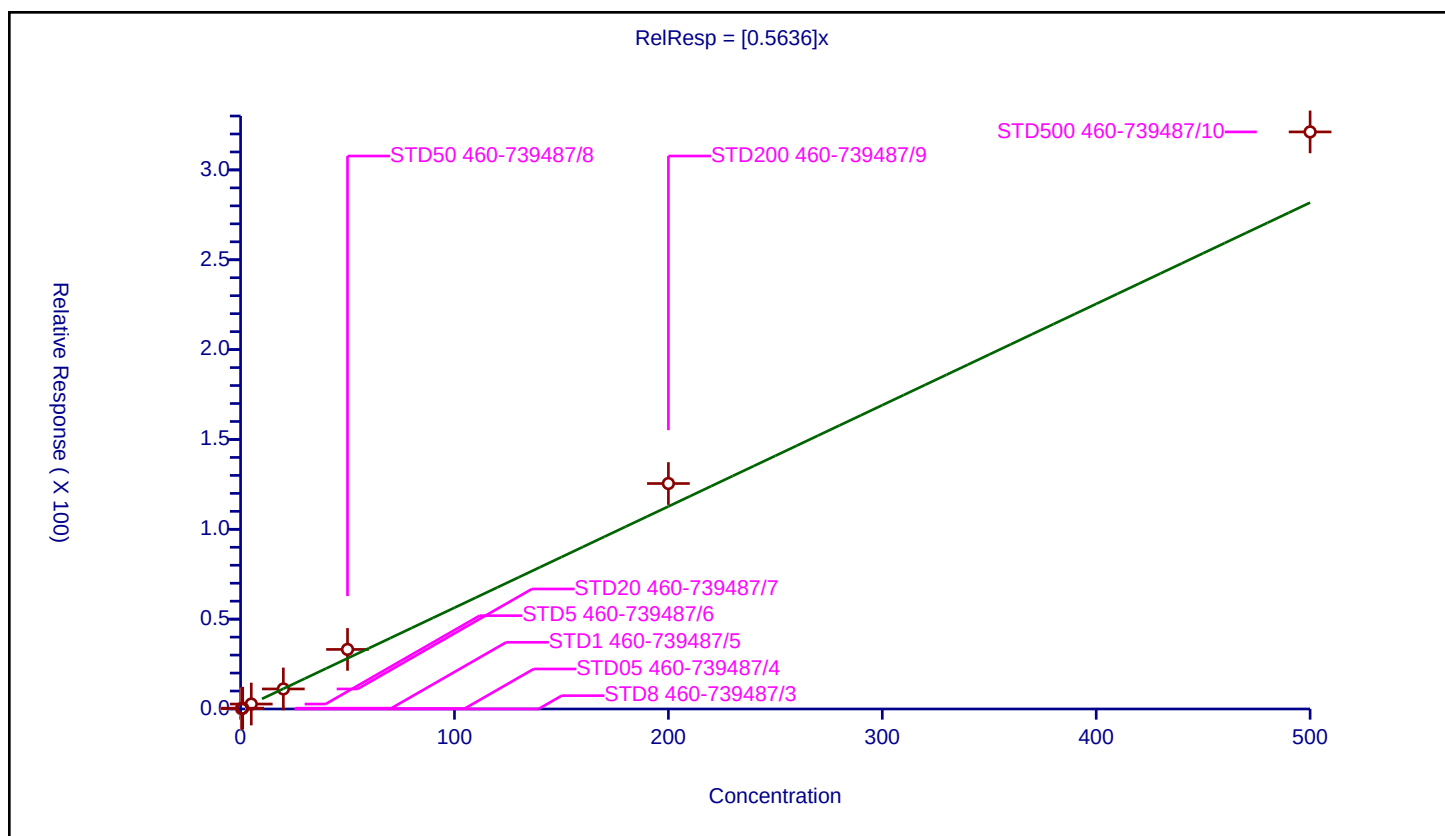
Curve Coefficients

Intercept: 0
Slope: 0.5636

Error Coefficients

Standard Error: 1200000
Relative Standard Error: 15.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	50.0	506435.0	0.0	N
2	STD05 460-739487/4	0.5	0.227127	50.0	503023.0	0.454254	Y
3	STD1 460-739487/5	1.0	0.451576	50.0	506006.0	0.451576	Y
4	STD5 460-739487/6	5.0	2.747594	50.0	524477.0	0.549519	Y
5	STD20 460-739487/7	20.0	11.147414	50.0	476698.0	0.557371	Y
6	STD50 460-739487/8	50.0	33.146502	50.0	446839.0	0.66293	Y
7	STD200 460-739487/9	200.0	125.484664	50.0	432258.0	0.627423	Y
8	STD500 460-739487/10	500.0	321.15703	50.0	421614.0	0.642314	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

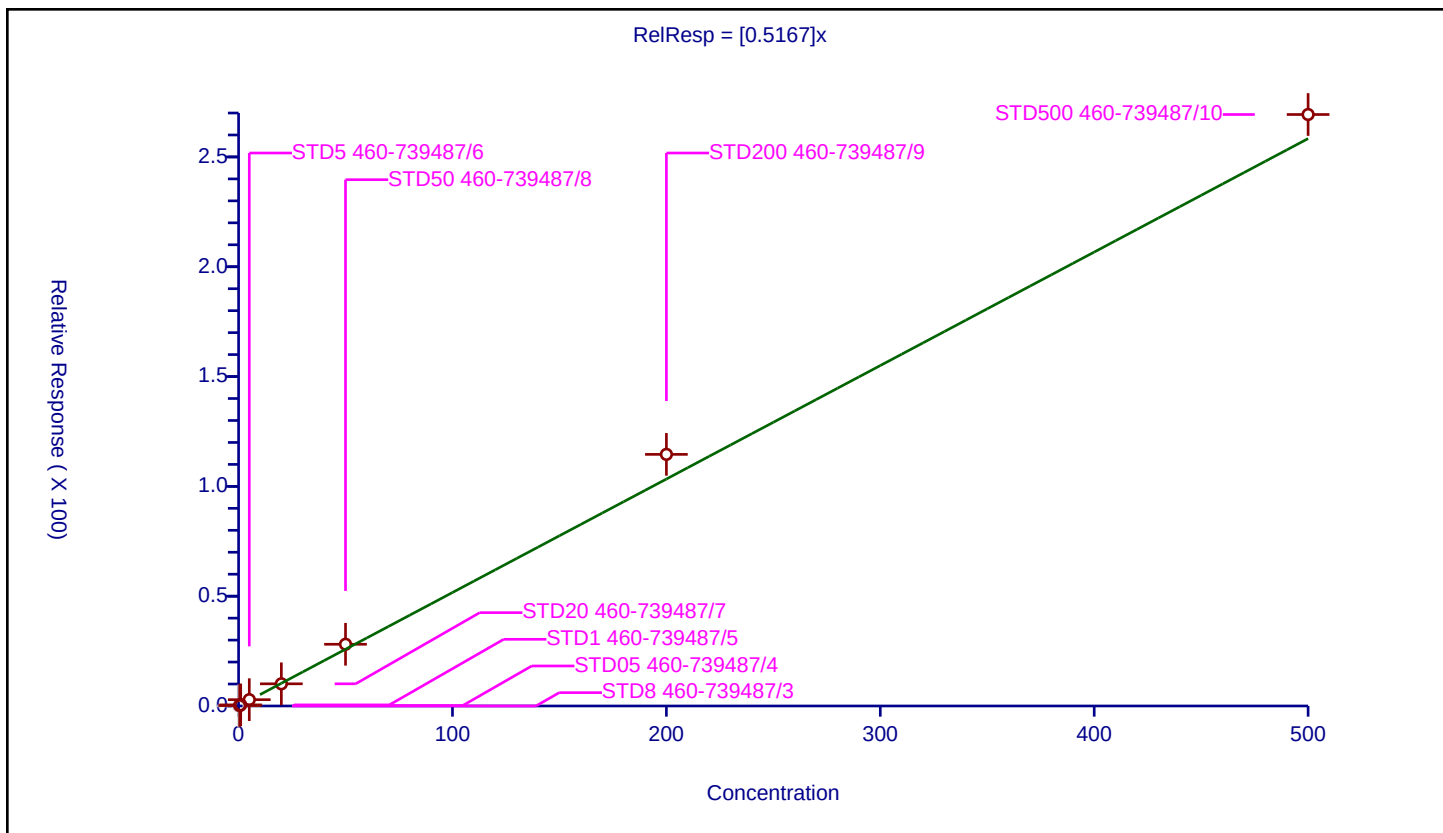
Curve Coefficients

Intercept: 0
 Slope: 0.5167

Error Coefficients

Standard Error: 1020000
 Relative Standard Error: 14.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.182198	50.0	503023.0	0.364397	Y
3	STD1 460-739487/5	1.0	0.499895	50.0	506006.0	0.499895	Y
4	STD5 460-739487/6	5.0	2.872385	50.0	524477.0	0.574477	Y
5	STD20 460-739487/7	20.0	10.090665	50.0	476698.0	0.504533	Y
6	STD50 460-739487/8	50.0	28.106544	50.0	446839.0	0.562131	Y
7	STD200 460-739487/9	200.0	114.573241	50.0	432258.0	0.572866	Y
8	STD500 460-739487/10	500.0	269.318974	50.0	421614.0	0.538638	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

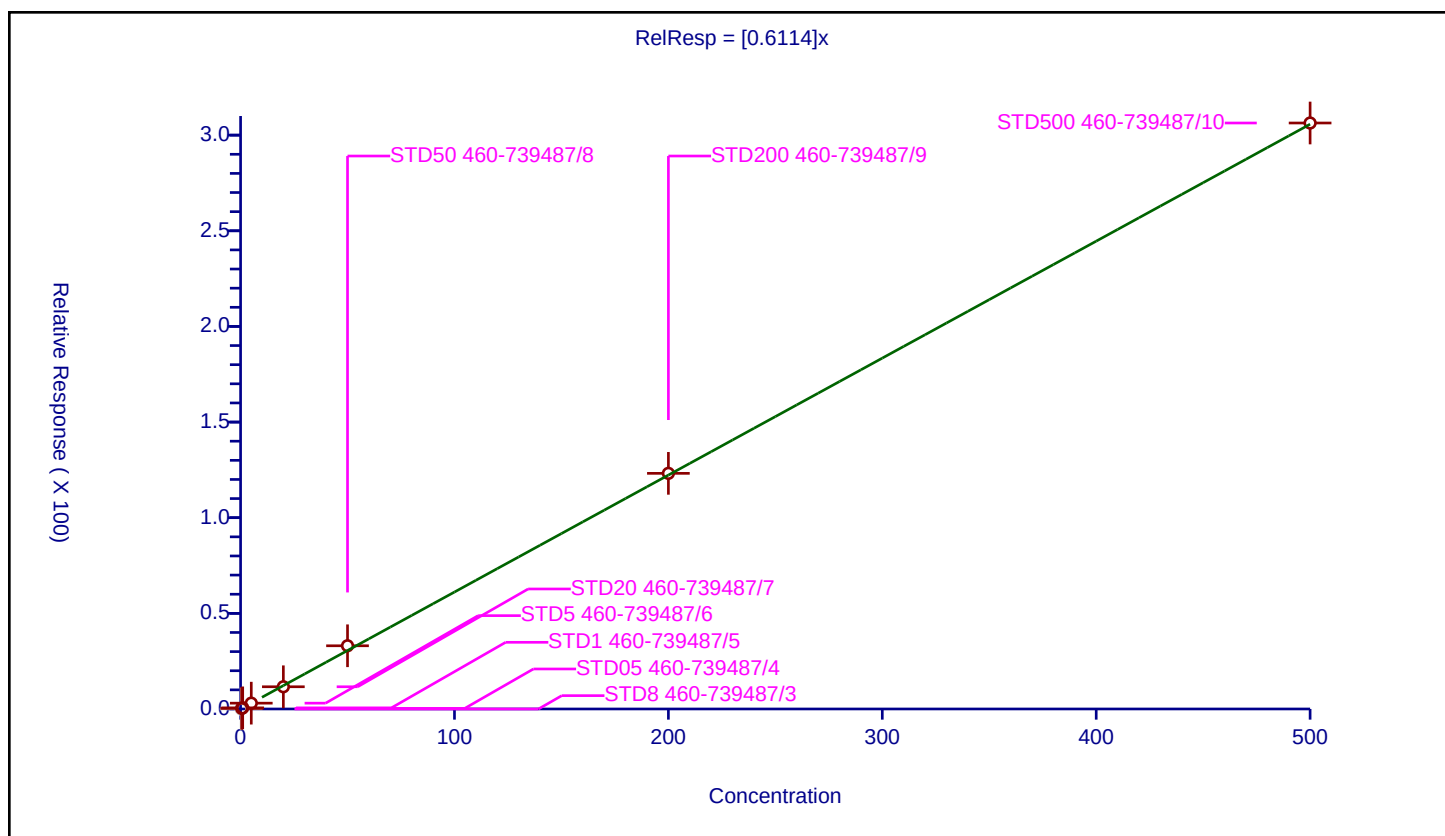
Curve Coefficients

Intercept: 0
 Slope: 0.6114

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	50.0	506435.0	0.0	N
2	STD05 460-739487/4	0.5	0.304857	50.0	503023.0	0.609714	Y
3	STD1 460-739487/5	1.0	0.590309	50.0	506006.0	0.590309	Y
4	STD5 460-739487/6	5.0	3.047798	50.0	524477.0	0.60956	Y
5	STD20 460-739487/7	20.0	11.615635	50.0	476698.0	0.580782	Y
6	STD50 460-739487/8	50.0	33.050047	50.0	446839.0	0.661001	Y
7	STD200 460-739487/9	200.0	123.195291	50.0	432258.0	0.615976	Y
8	STD500 460-739487/10	500.0	306.344192	50.0	421614.0	0.612688	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

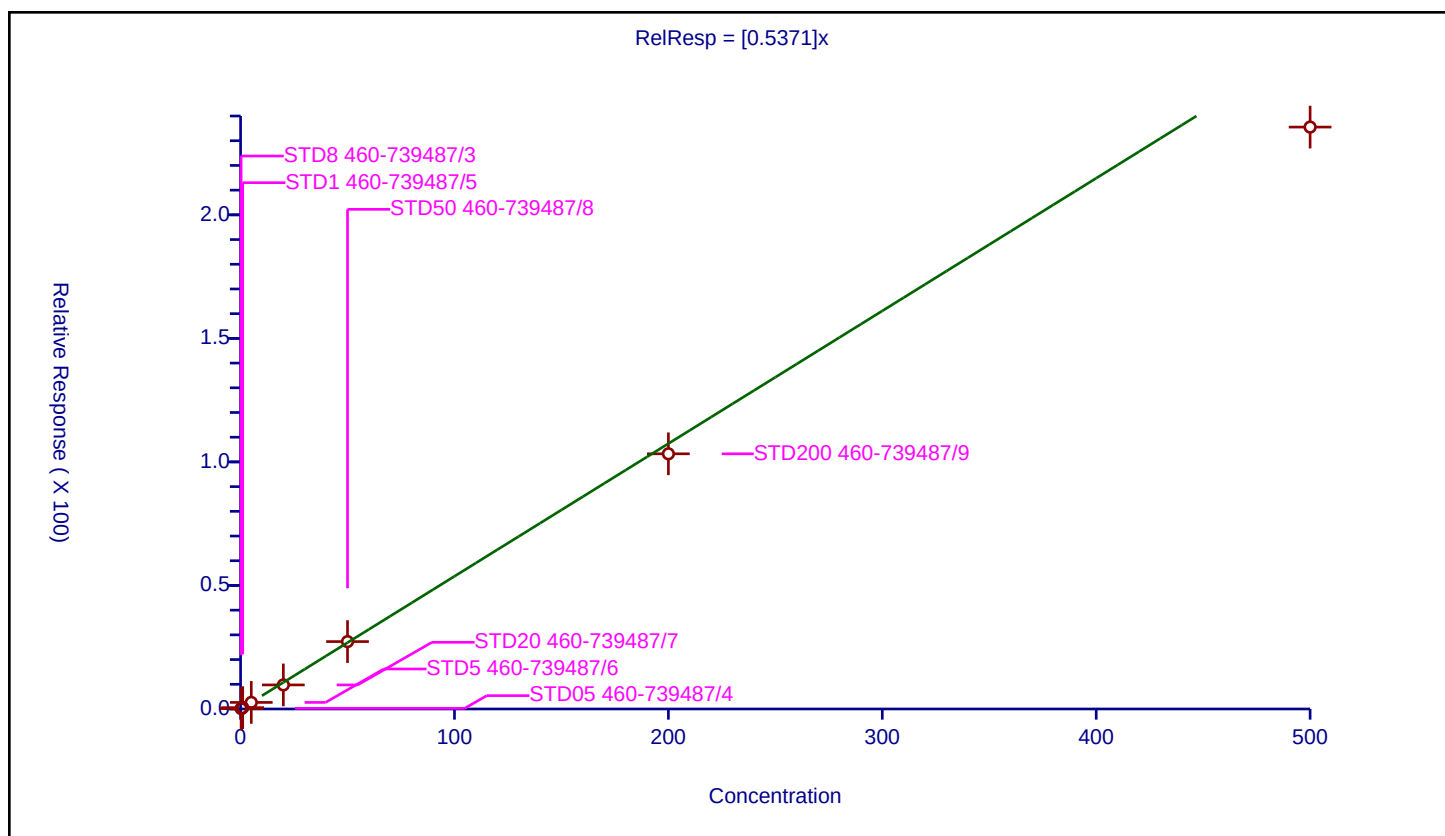
Curve Coefficients

Intercept: 0
Slope: 0.5371

Error Coefficients

Standard Error: 829000
Relative Standard Error: 10.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.166556	50.0	506435.0	0.666226	Y
2	STD05 460-739487/4	0.5	0.265892	50.0	503023.0	0.531785	Y
3	STD1 460-739487/5	1.0	0.545942	50.0	506006.0	0.545942	Y
4	STD5 460-739487/6	5.0	2.66189	50.0	524477.0	0.532378	Y
5	STD20 460-739487/7	20.0	9.745059	50.0	476698.0	0.487253	Y
6	STD50 460-739487/8	50.0	27.277498	50.0	446839.0	0.54555	Y
7	STD200 460-739487/9	200.0	103.280217	50.0	432258.0	0.516401	Y
8	STD500 460-739487/10	500.0	235.525504	50.0	421614.0	0.471051	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

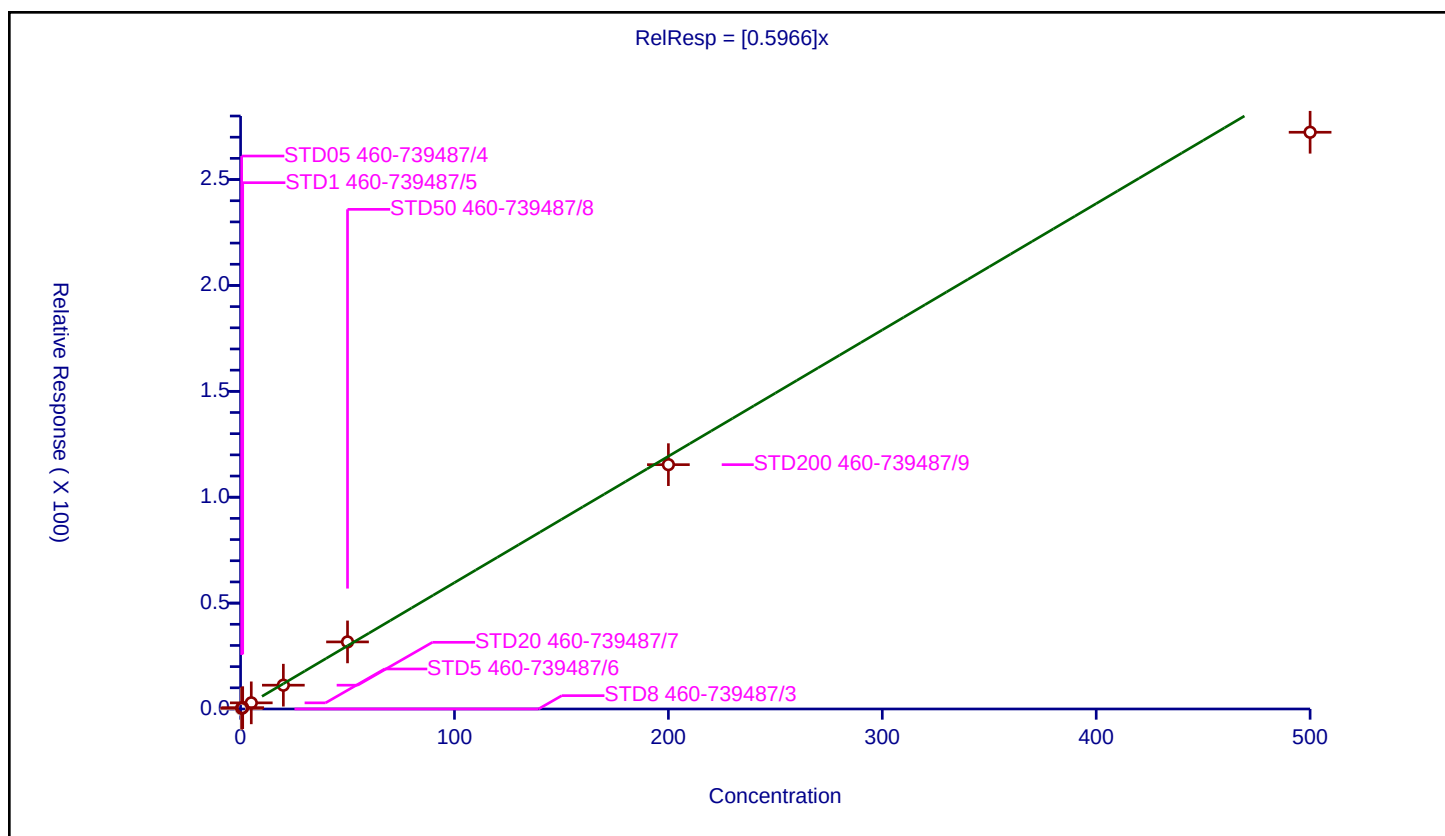
Curve Coefficients

Intercept: 0
 Slope: 0.5966

Error Coefficients

Standard Error: 1030000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	50.0	506435.0	0.0	N
2	STD05 460-739487/4	0.5	0.328414	50.0	503023.0	0.656829	Y
3	STD1 460-739487/5	1.0	0.622028	50.0	506006.0	0.622028	Y
4	STD5 460-739487/6	5.0	2.902225	50.0	524477.0	0.580445	Y
5	STD20 460-739487/7	20.0	11.242023	50.0	476698.0	0.562101	Y
6	STD50 460-739487/8	50.0	31.673265	50.0	446839.0	0.633465	Y
7	STD200 460-739487/9	200.0	115.375424	50.0	432258.0	0.576877	Y
8	STD500 460-739487/10	500.0	272.328006	50.0	421614.0	0.544656	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

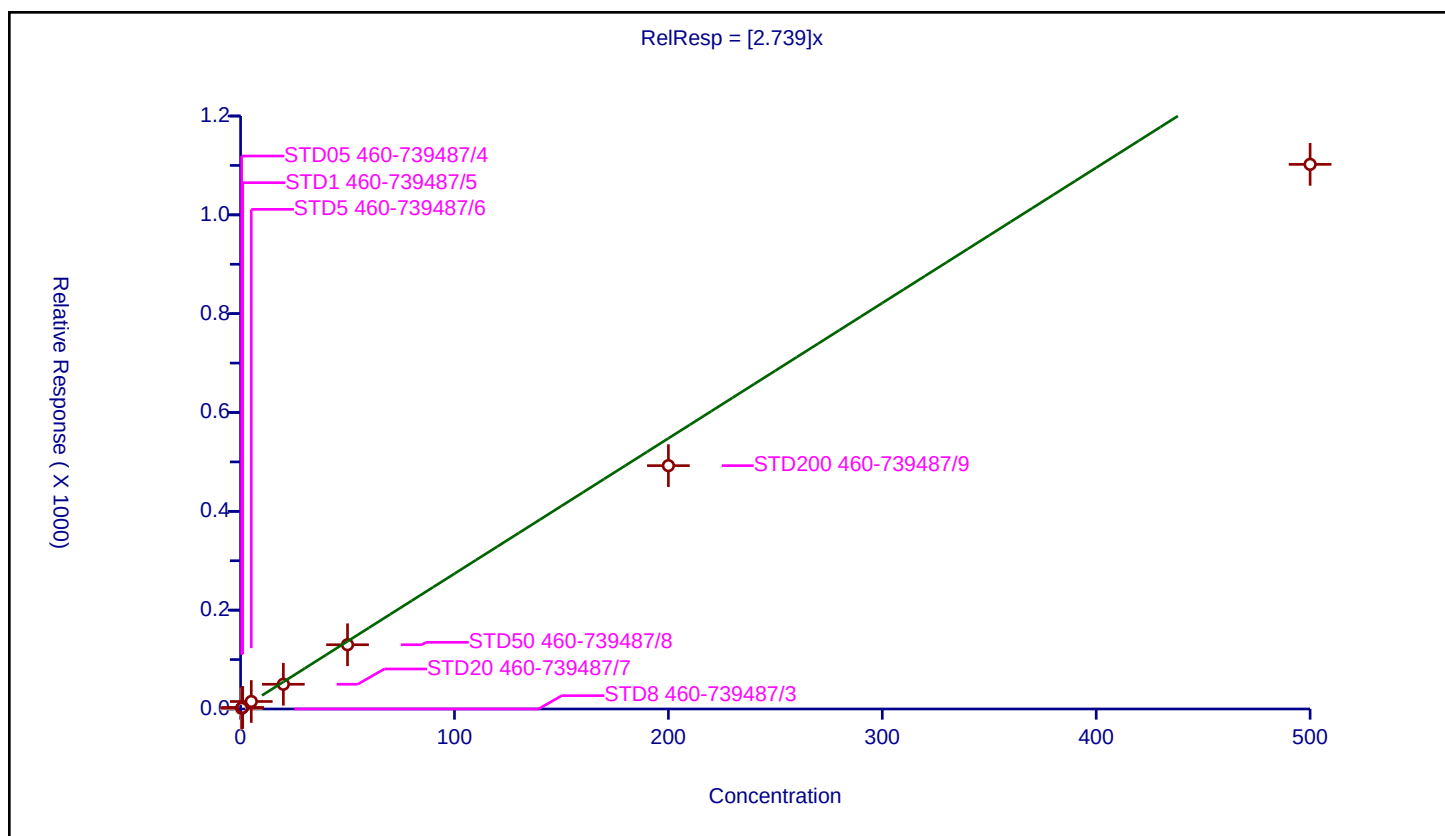
Curve Coefficients

Intercept: 0
Slope: 2.739

Error Coefficients

Standard Error: 534000
Relative Standard Error: 14.3
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	250.0	316775.0	0.0	N
2	STD05 460-739487/4	0.5	1.60722	250.0	318407.0	3.214439	Y
3	STD1 460-739487/5	1.0	3.146855	250.0	319287.0	3.146855	Y
4	STD5 460-739487/6	5.0	15.200462	250.0	353509.0	3.040092	Y
5	STD20 460-739487/7	20.0	50.034819	250.0	315920.0	2.501741	Y
6	STD50 460-739487/8	50.0	130.016829	250.0	304824.0	2.600337	Y
7	STD200 460-739487/9	200.0	492.469377	250.0	290879.0	2.462347	Y
8	STD500 460-739487/10	500.0	1102.180275	250.0	264141.0	2.204361	Y



Calibration

/ Chloroethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

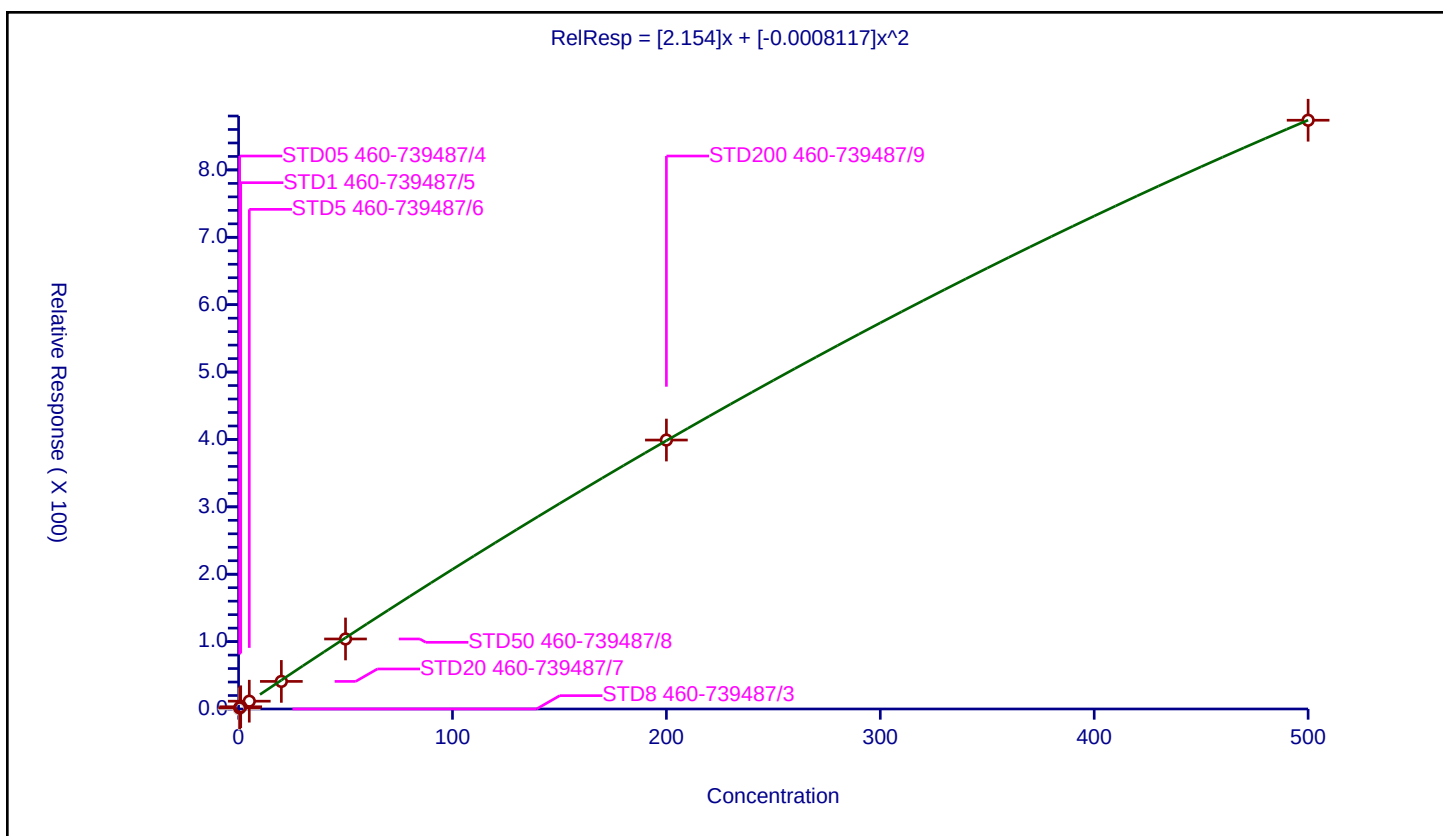
Curve Coefficients

Intercept: 0
 Slope: 2.154
 Second Order: -0.0008117

Error Coefficients

Standard Error: 466000
 Relative Standard Error: 34.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	250.0	316775.0	0.0	N
2	STD05 460-739487/4	0.5	1.677099	250.0	318407.0	3.354198	Y
3	STD1 460-739487/5	1.0	3.307369	250.0	319287.0	3.307369	Y
4	STD5 460-739487/6	5.0	11.585278	250.0	353509.0	2.317056	Y
5	STD20 460-739487/7	20.0	40.925709	250.0	315920.0	2.046285	Y
6	STD50 460-739487/8	50.0	103.907501	250.0	304824.0	2.07815	Y
7	STD200 460-739487/9	200.0	399.14449	250.0	290879.0	1.995722	Y
8	STD500 460-739487/10	500.0	873.736944	250.0	264141.0	1.747474	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

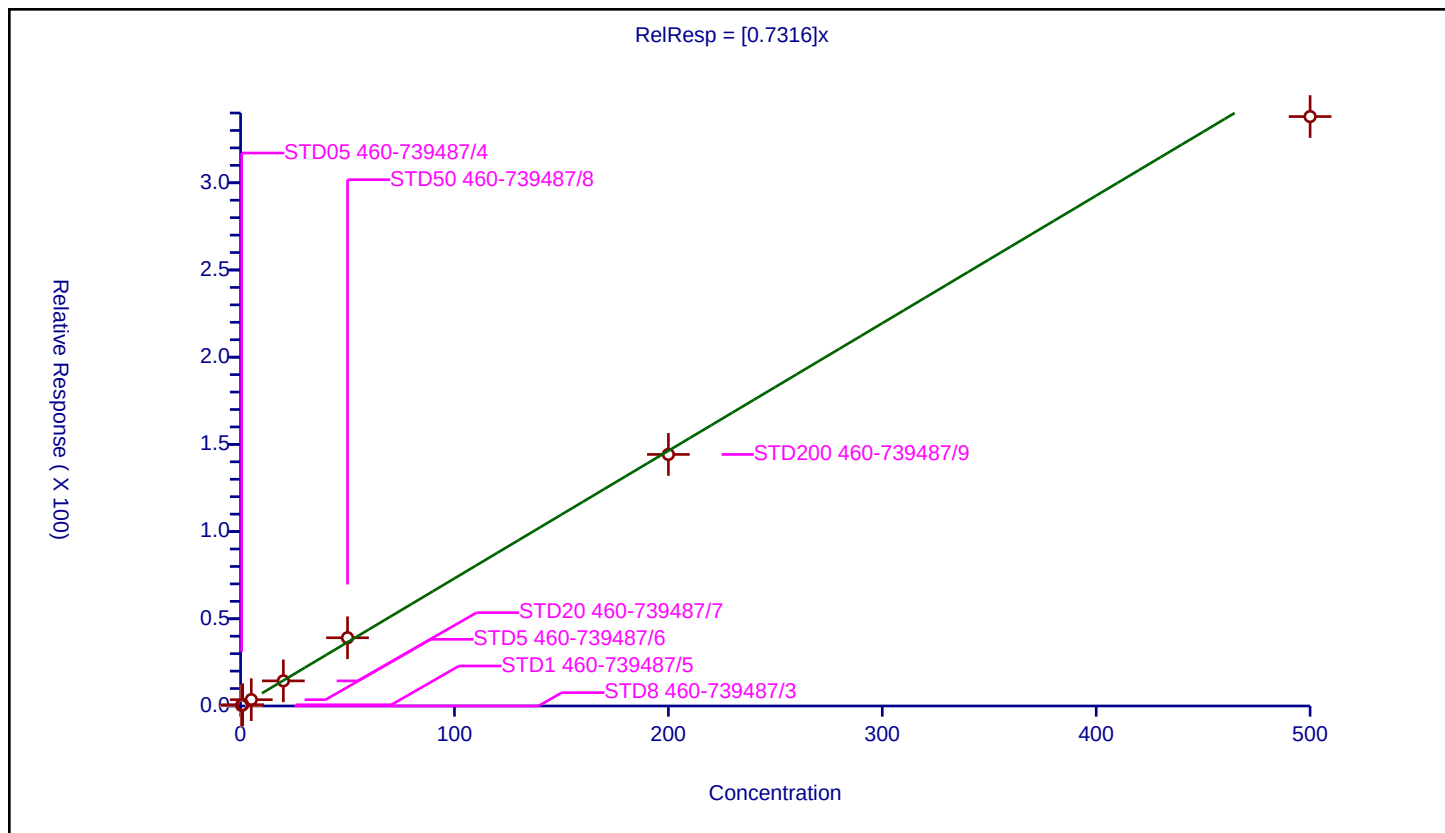
Curve Coefficients

Intercept: 0
 Slope: 0.7316

Error Coefficients

Standard Error: 1280000
 Relative Standard Error: 5.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	50.0	506435.0	0.0	N
2	STD05 460-739487/4	0.5	0.391632	50.0	503023.0	0.783264	Y
3	STD1 460-739487/5	1.0	0.716395	50.0	506006.0	0.716395	Y
4	STD5 460-739487/6	5.0	3.609977	50.0	524477.0	0.721995	Y
5	STD20 460-739487/7	20.0	14.401361	50.0	476698.0	0.720068	Y
6	STD50 460-739487/8	50.0	39.122257	50.0	446839.0	0.782445	Y
7	STD200 460-739487/9	200.0	144.232842	50.0	432258.0	0.721164	Y
8	STD500 460-739487/10	500.0	337.961619	50.0	421614.0	0.675923	Y



Calibration

/ Pentane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

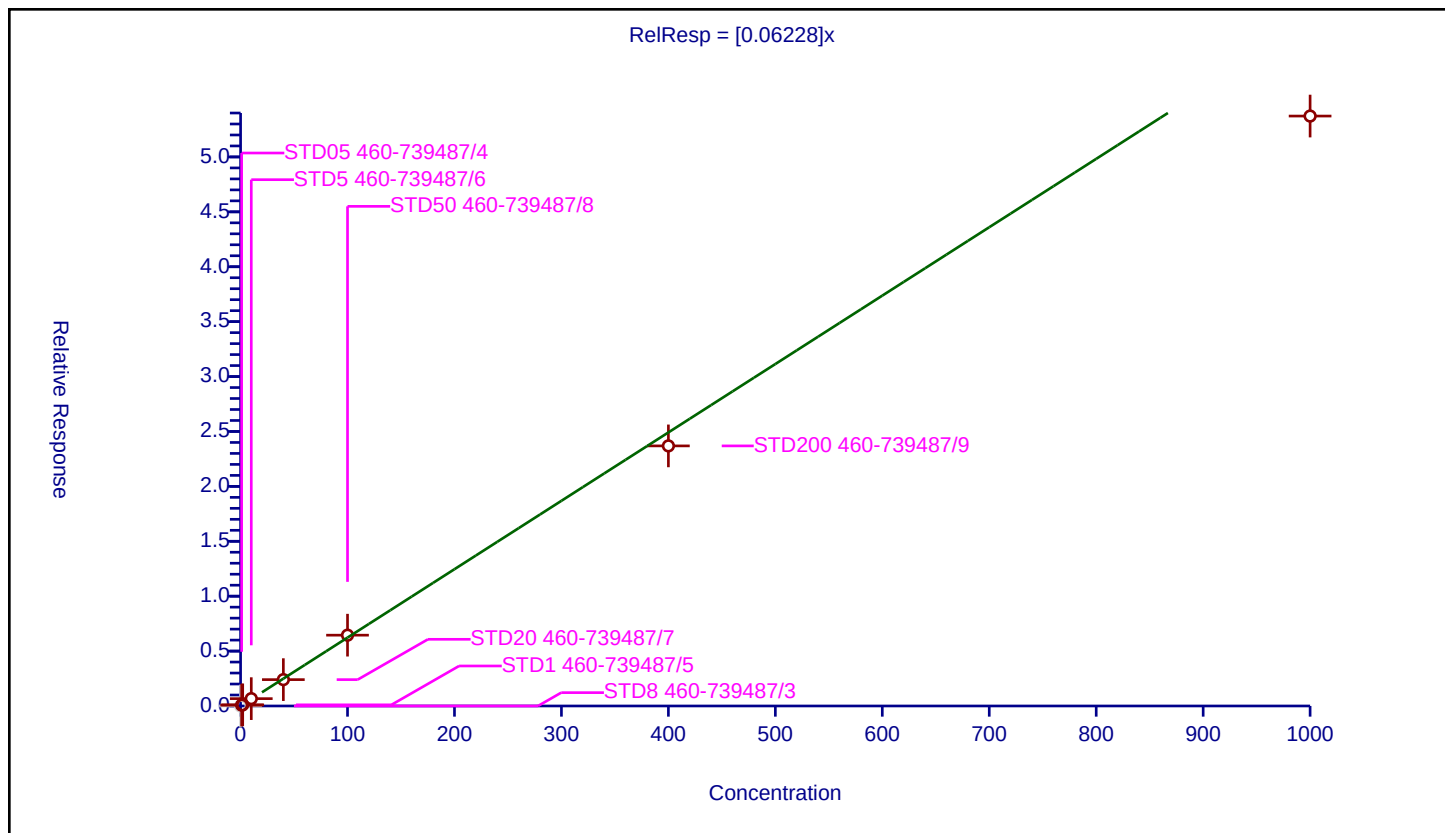
Curve Coefficients

Intercept: 0
 Slope: 0.06228

Error Coefficients

Standard Error: 205000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	1.0	0.078227	50.0	503023.0	0.078227	Y
3	STD1 460-739487/5	2.0	0.106619	50.0	506006.0	0.05331	Y
4	STD5 460-739487/6	10.0	0.66981	50.0	524477.0	0.066981	Y
5	STD20 460-739487/7	40.0	2.400996	50.0	476698.0	0.060025	Y
6	STD50 460-739487/8	100.0	6.44975	50.0	446839.0	0.064498	Y
7	STD200 460-739487/9	400.0	23.685623	50.0	432258.0	0.059214	Y
8	STD500 460-739487/10	1000.0	53.72426	50.0	421614.0	0.053724	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

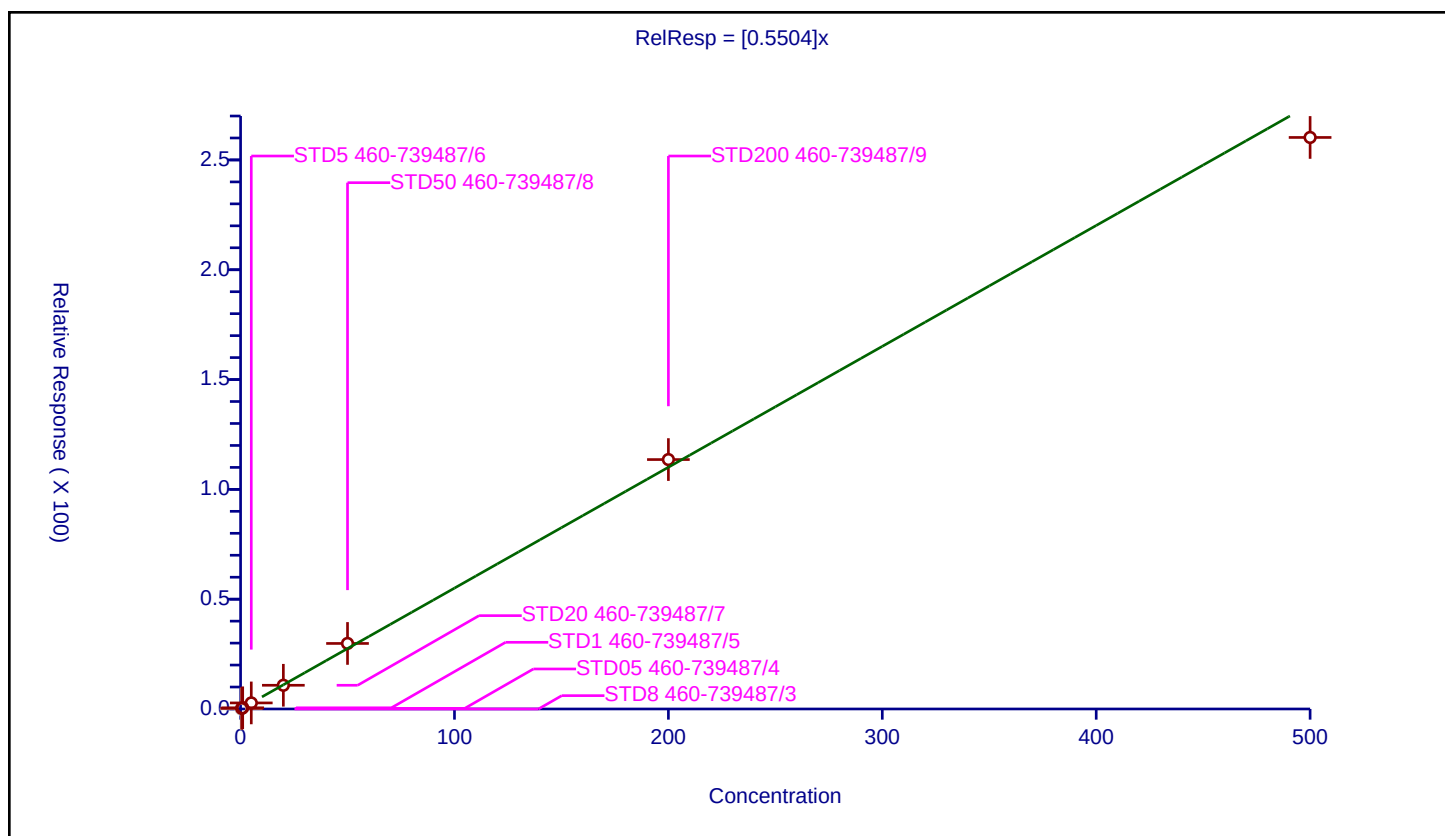
Curve Coefficients

Intercept: 0
 Slope: 0.5504

Error Coefficients

Standard Error: 988000
 Relative Standard Error: 4.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.25	0.0	50.0	506435.0	0.0	N
2	STD05 460-739487/4	0.5	0.26967	50.0	503023.0	0.539339	Y
3	STD1 460-739487/5	1.0	0.535172	50.0	506006.0	0.535172	Y
4	STD5 460-739487/6	5.0	2.766661	50.0	524477.0	0.553332	Y
5	STD20 460-739487/7	20.0	10.794675	50.0	476698.0	0.539734	Y
6	STD50 460-739487/8	50.0	29.843523	50.0	446839.0	0.59687	Y
7	STD200 460-739487/9	200.0	113.566204	50.0	432258.0	0.567831	Y
8	STD500 460-739487/10	500.0	260.237919	50.0	421614.0	0.520476	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

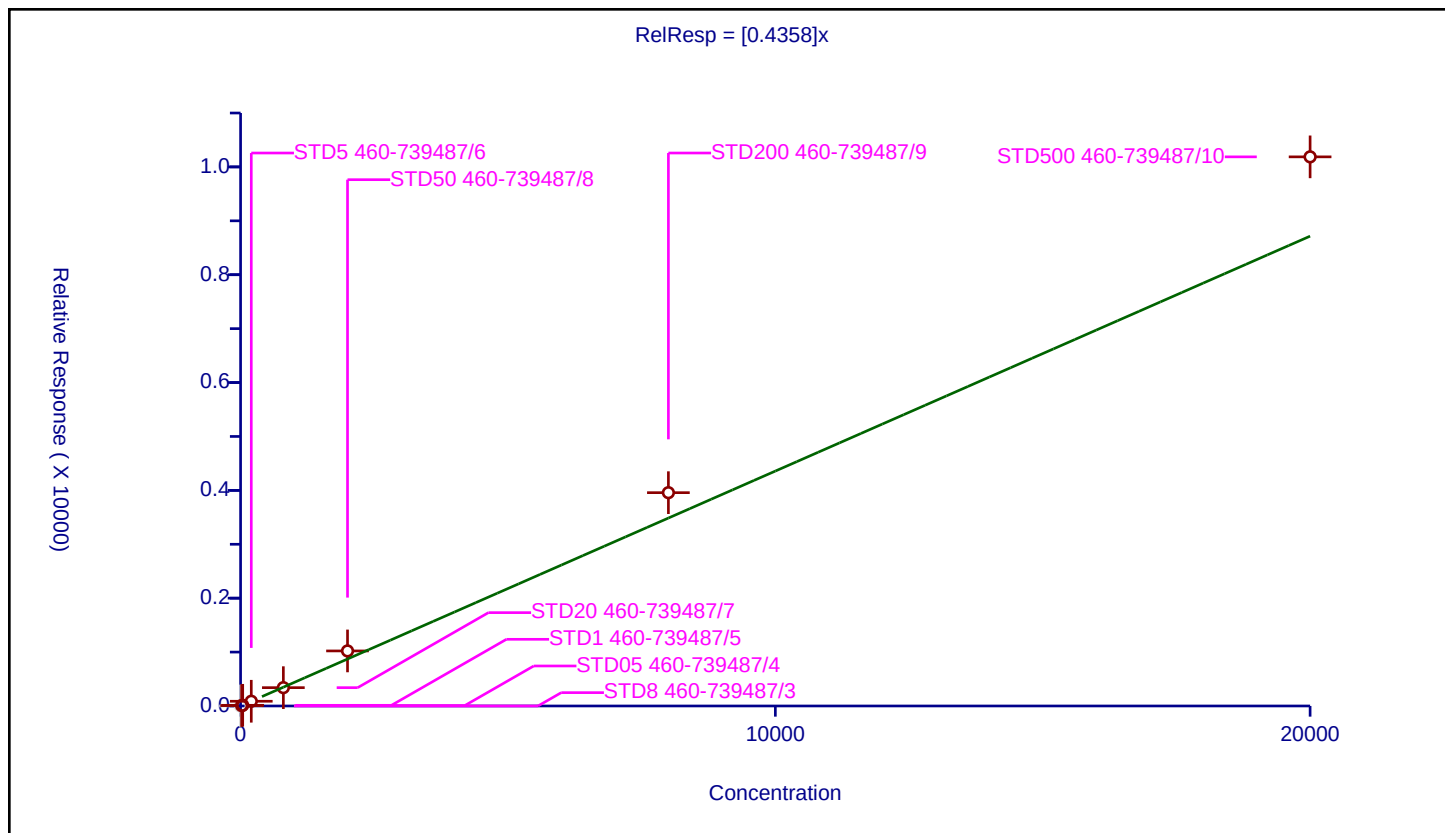
Curve Coefficients

Intercept: 0
Slope: 0.4358

Error Coefficients

Standard Error: 147000
Relative Standard Error: 17.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	20.0	7.132535	1000.0	42902.0	0.356627	Y
3	STD1 460-739487/5	40.0	12.603016	1000.0	43561.0	0.315075	Y
4	STD5 460-739487/6	200.0	87.792958	1000.0	45015.0	0.438965	Y
5	STD20 460-739487/7	800.0	340.103777	1000.0	42784.0	0.42513	Y
6	STD50 460-739487/8	2000.0	1021.453529	1000.0	42930.0	0.510727	Y
7	STD200 460-739487/9	8000.0	3957.324736	1000.0	36602.0	0.494666	Y
8	STD500 460-739487/10	20000.0	10186.739696	1000.0	33046.0	0.509337	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

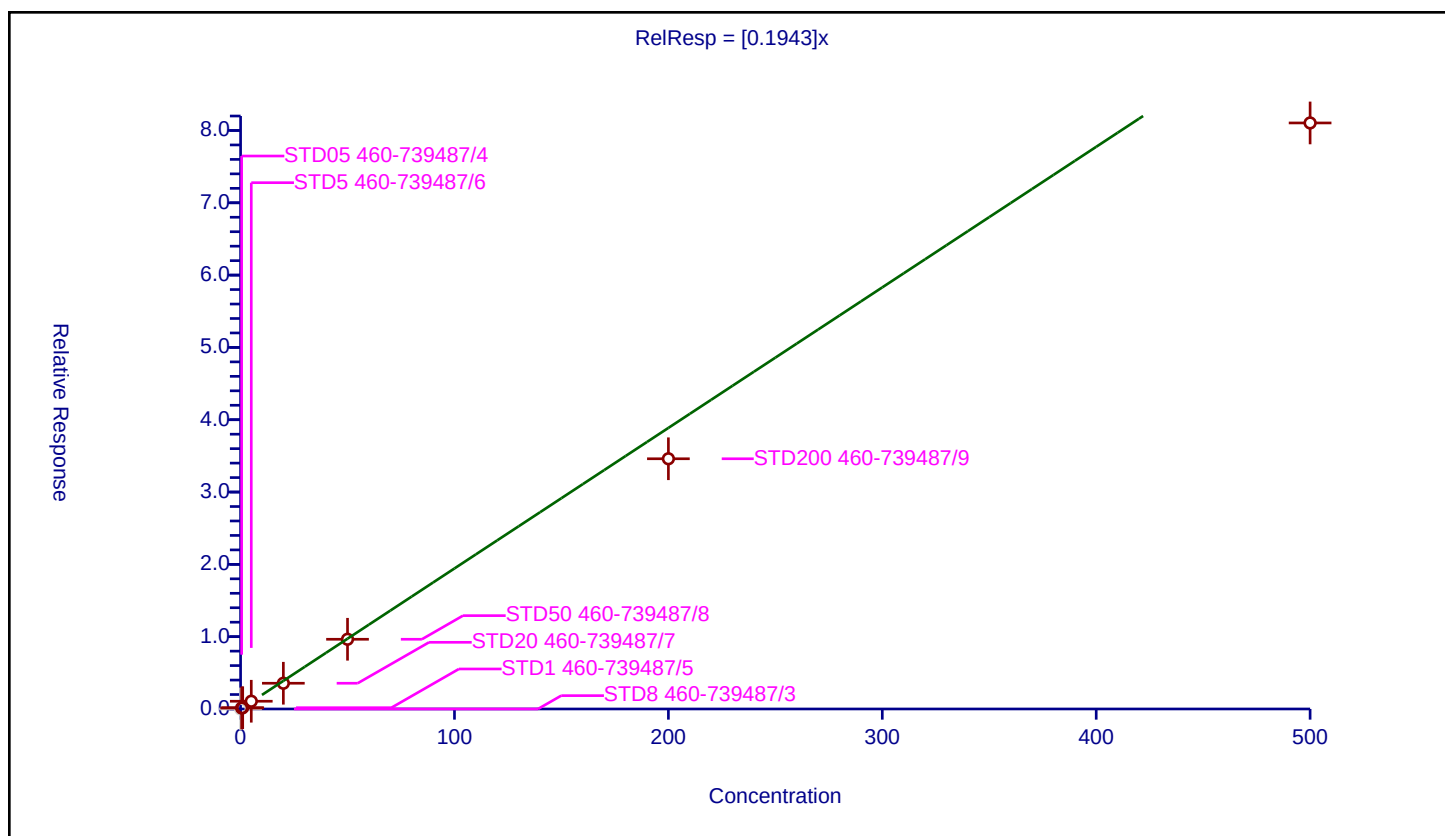
Curve Coefficients

Intercept: 0
Slope: 0.1943

Error Coefficients

Standard Error: 307000
Relative Standard Error: 17.6
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.131107	50.0	503023.0	0.262215	Y
3	STD1 460-739487/5	1.0	0.177962	50.0	506006.0	0.177962	Y
4	STD5 460-739487/6	5.0	1.071448	50.0	524477.0	0.21429	Y
5	STD20 460-739487/7	20.0	3.560116	50.0	476698.0	0.178006	Y
6	STD50 460-739487/8	50.0	9.643071	50.0	446839.0	0.192861	Y
7	STD200 460-739487/9	200.0	34.603524	50.0	432258.0	0.173018	Y
8	STD500 460-739487/10	500.0	81.041071	50.0	421614.0	0.162082	Y



Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

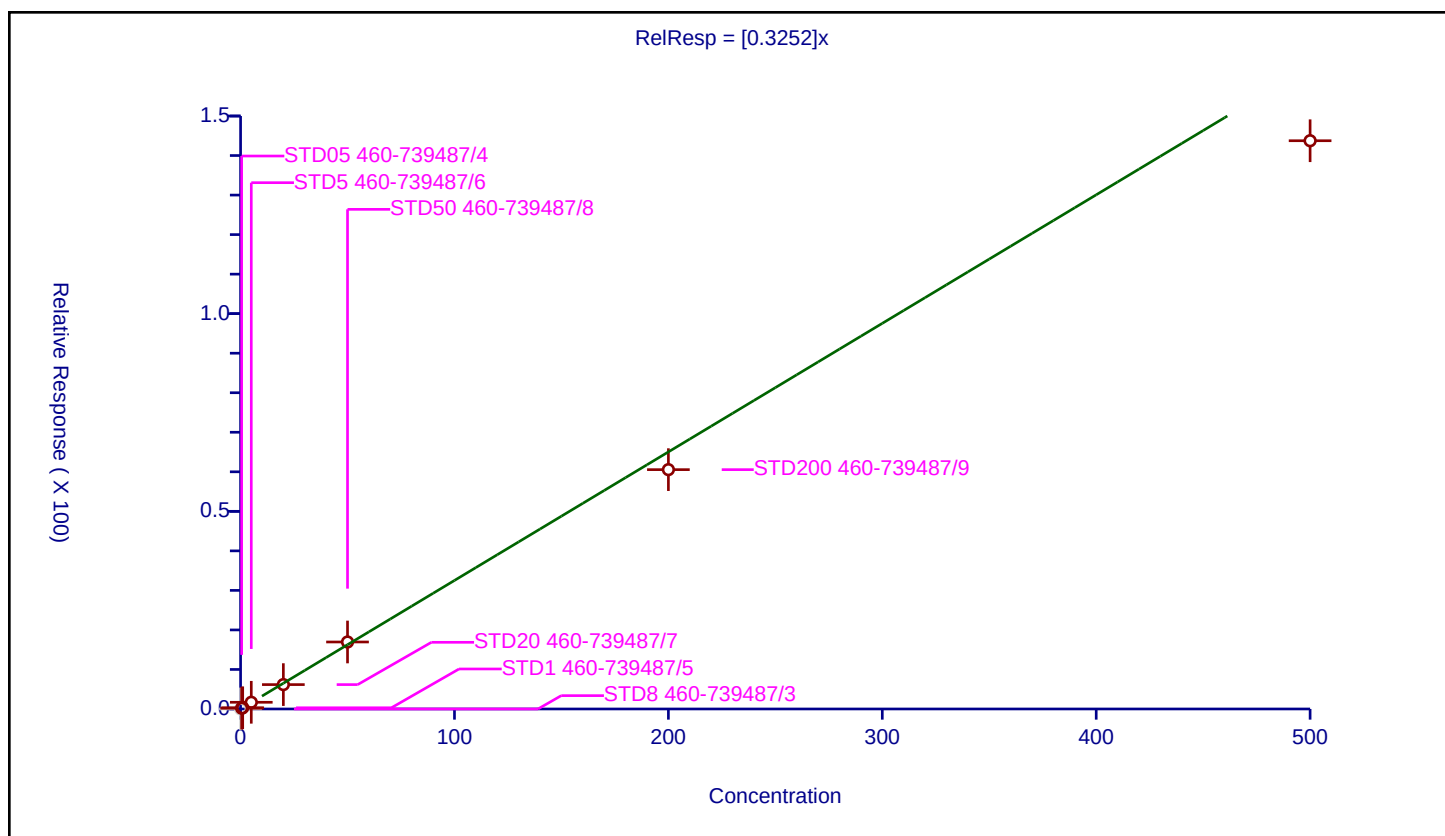
Curve Coefficients

Intercept: 0
Slope: 0.3252

Error Coefficients

Standard Error: 543000
Relative Standard Error: 10.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.196412	50.0	503023.0	0.392825	Y
3	STD1 460-739487/5	1.0	0.306419	50.0	506006.0	0.306419	Y
4	STD5 460-739487/6	5.0	1.696071	50.0	524477.0	0.339214	Y
5	STD20 460-739487/7	20.0	6.170259	50.0	476698.0	0.308513	Y
6	STD50 460-739487/8	50.0	16.948051	50.0	446839.0	0.338961	Y
7	STD200 460-739487/9	200.0	60.546016	50.0	432258.0	0.30273	Y
8	STD500 460-739487/10	500.0	143.748191	50.0	421614.0	0.287496	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

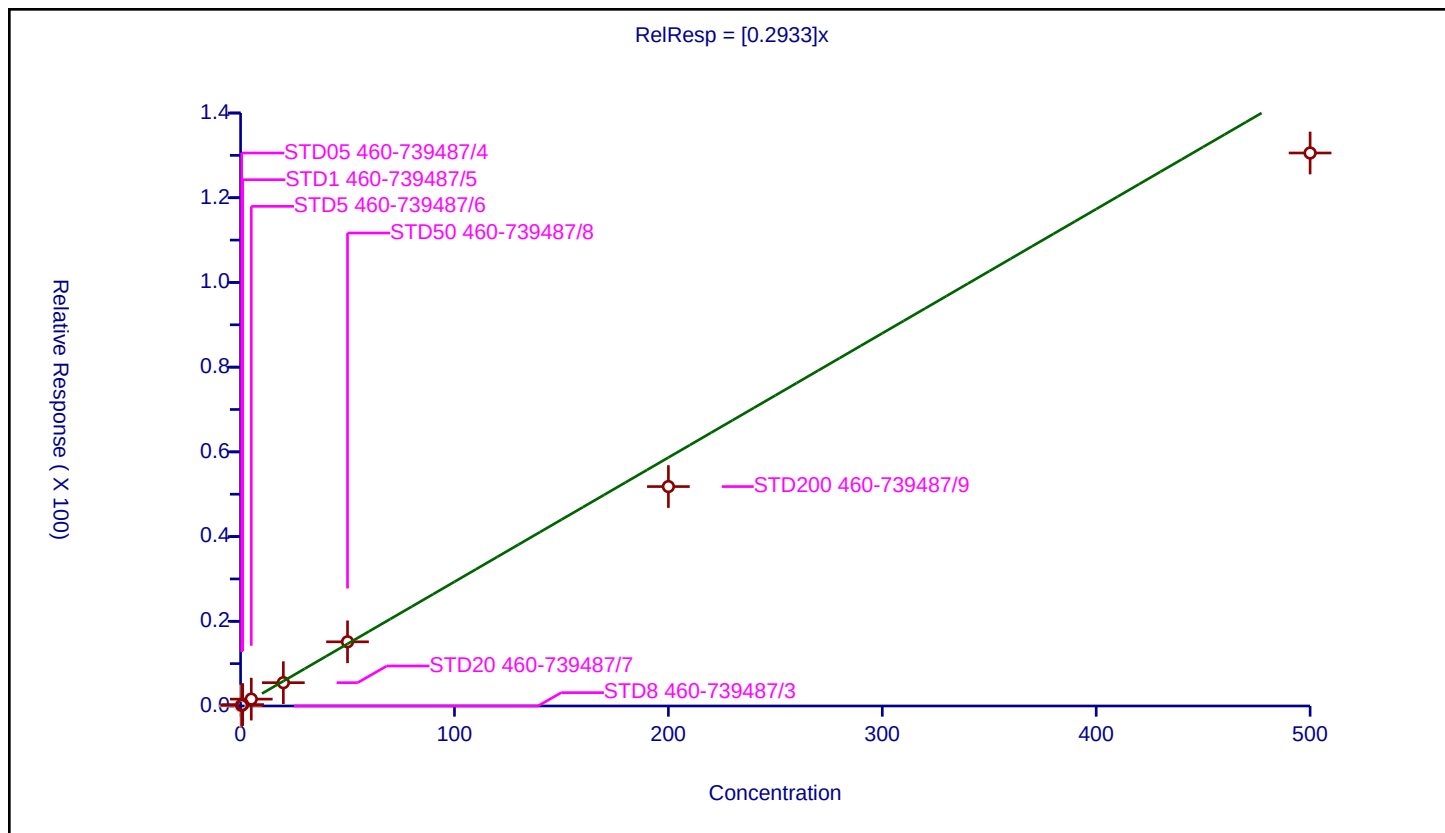
Curve Coefficients

Intercept: 0
Slope: 0.2933

Error Coefficients

Standard Error: 489000
Relative Standard Error: 10.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.148303	50.0	503023.0	0.296607	Y
3	STD1 460-739487/5	1.0	0.333593	50.0	506006.0	0.333593	Y
4	STD5 460-739487/6	5.0	1.623331	50.0	524477.0	0.324666	Y
5	STD20 460-739487/7	20.0	5.50296	50.0	476698.0	0.275148	Y
6	STD50 460-739487/8	50.0	15.149416	50.0	446839.0	0.302988	Y
7	STD200 460-739487/9	200.0	51.806444	50.0	432258.0	0.259032	Y
8	STD500 460-739487/10	500.0	130.563976	50.0	421614.0	0.261128	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

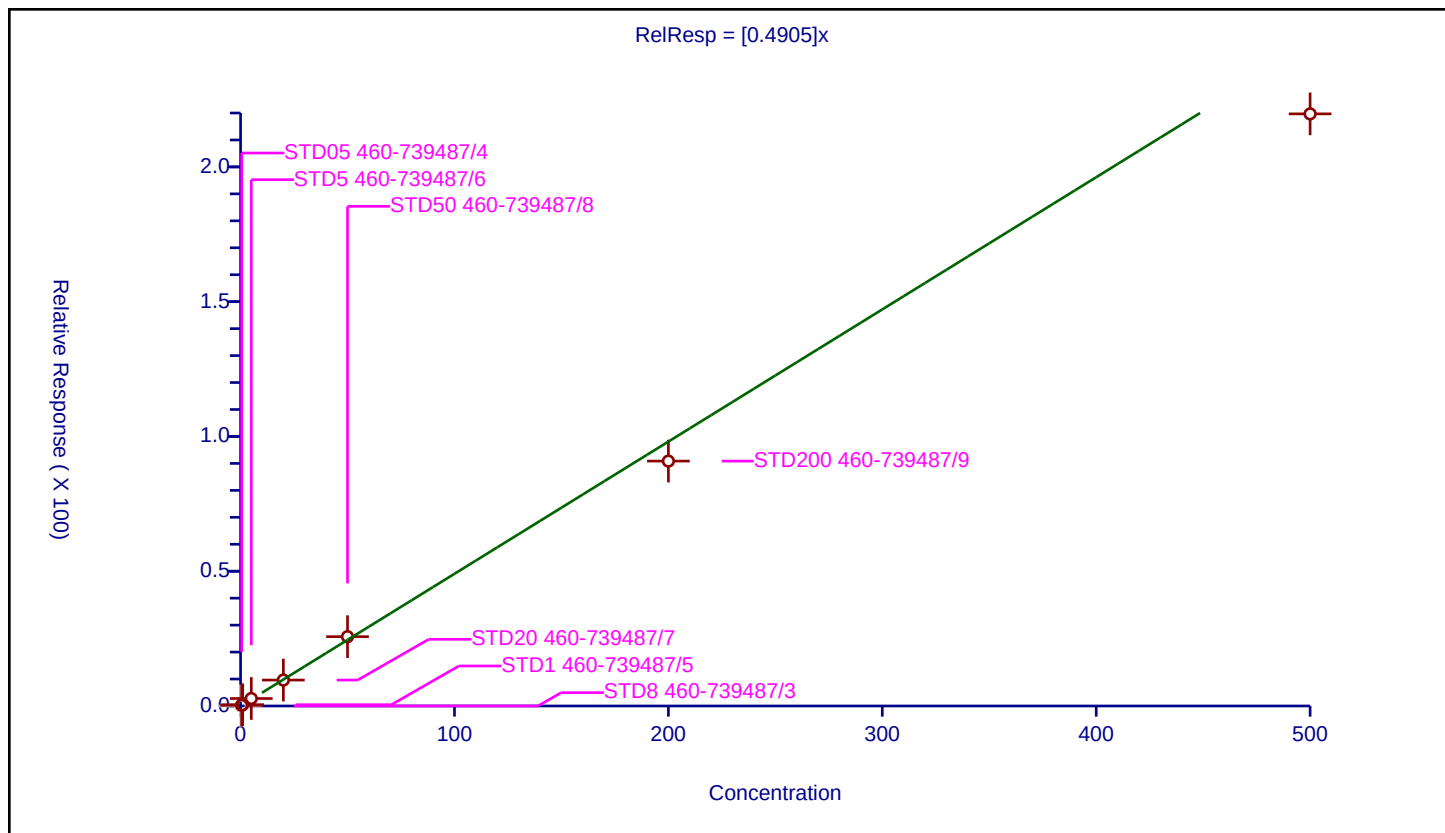
Curve Coefficients

Intercept: 0
Slope: 0.4905

Error Coefficients

Standard Error: 828000
Relative Standard Error: 8.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.253567	50.0	503023.0	0.507134	Y
3	STD1 460-739487/5	1.0	0.481516	50.0	506006.0	0.481516	Y
4	STD5 460-739487/6	5.0	2.776957	50.0	524477.0	0.555391	Y
5	STD20 460-739487/7	20.0	9.622759	50.0	476698.0	0.481138	Y
6	STD50 460-739487/8	50.0	25.716309	50.0	446839.0	0.514326	Y
7	STD200 460-739487/9	200.0	90.857543	50.0	432258.0	0.454288	Y
8	STD500 460-739487/10	500.0	219.679494	50.0	421614.0	0.439359	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

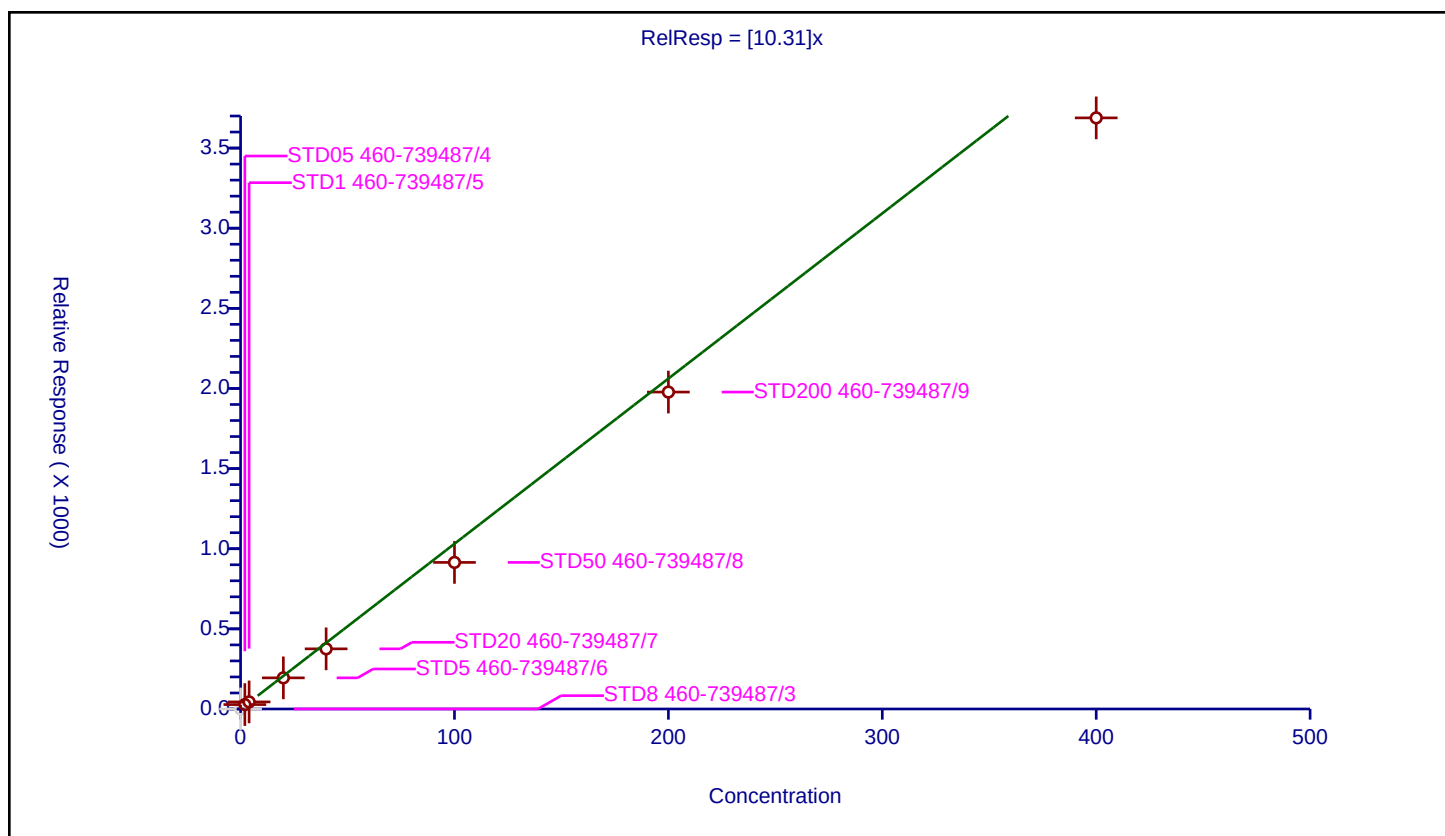
Curve Coefficients

Intercept: 0
Slope: 10.31

Error Coefficients

Standard Error: 58600
Relative Standard Error: 16.0
Correlation Coefficient: 0.990
Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	2.000008	27.504545	1000.0	42902.0	13.752216	Y
3	STD1 460-739487/5	4.000016	44.236817	1000.0	43561.0	11.059159	Y
4	STD5 460-739487/6	20.000082	194.268577	1000.0	45015.0	9.713389	Y
5	STD20 460-739487/7	40.000164	375.257105	1000.0	42784.0	9.381389	Y
6	STD50 460-739487/8	100.00041	914.511996	1000.0	42930.0	9.145082	Y
7	STD200 460-739487/9	200.00082	1977.432927	1000.0	36602.0	9.887124	Y
8	STD500 460-739487/10	400.00164	3688.31326	1000.0	33046.0	9.220745	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

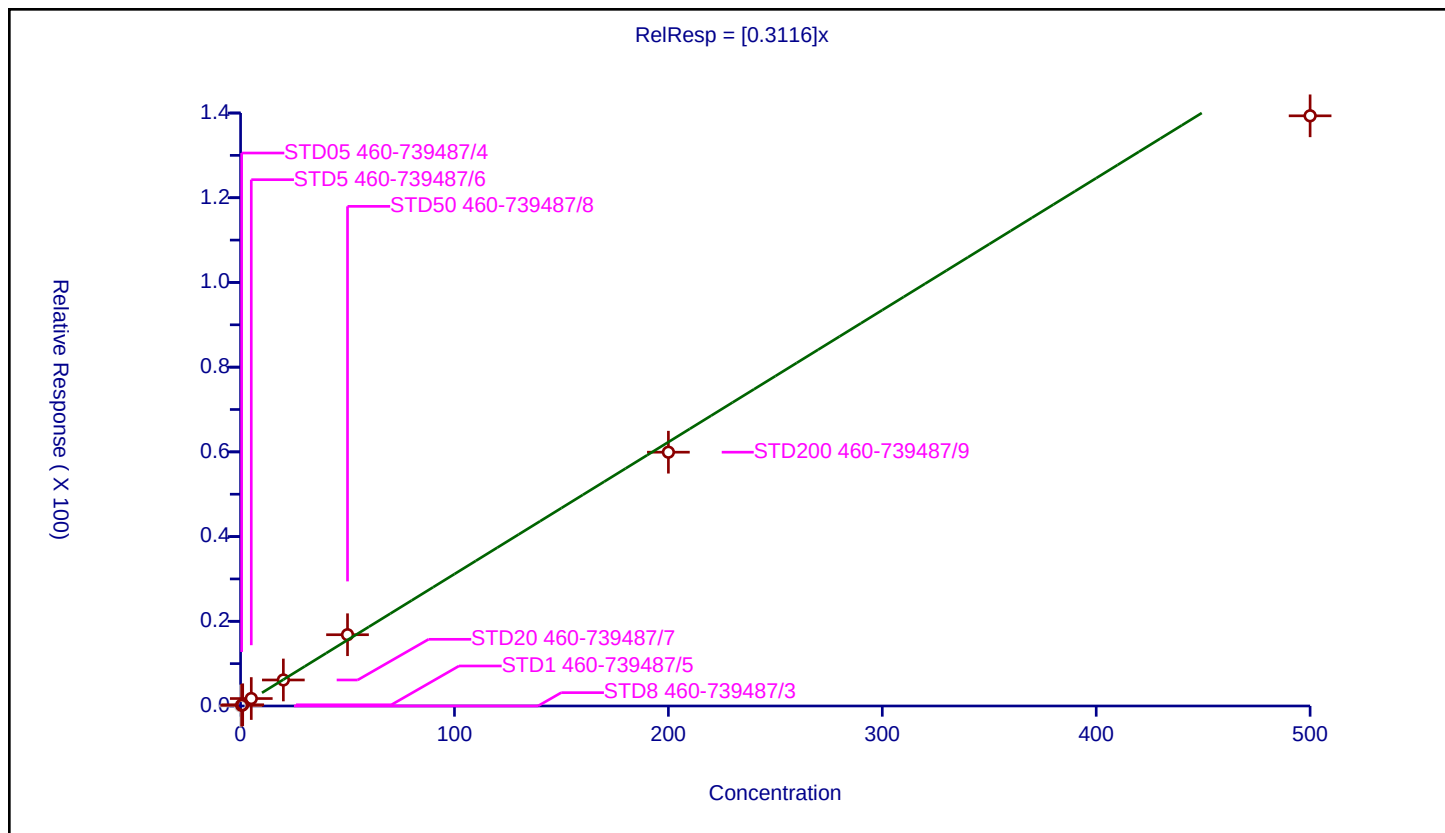
Curve Coefficients

Intercept: 0
Slope: 0.3116

Error Coefficients

Standard Error: 528000
Relative Standard Error: 8.5
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.16043	50.0	503023.0	0.32086	Y
3	STD1 460-739487/5	1.0	0.286459	50.0	506006.0	0.286459	Y
4	STD5 460-739487/6	5.0	1.758132	50.0	524477.0	0.351626	Y
5	STD20 460-739487/7	20.0	6.143512	50.0	476698.0	0.307176	Y
6	STD50 460-739487/8	50.0	16.828992	50.0	446839.0	0.33658	Y
7	STD200 460-739487/9	200.0	59.918845	50.0	432258.0	0.299594	Y
8	STD500 460-739487/10	500.0	139.340605	50.0	421614.0	0.278681	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

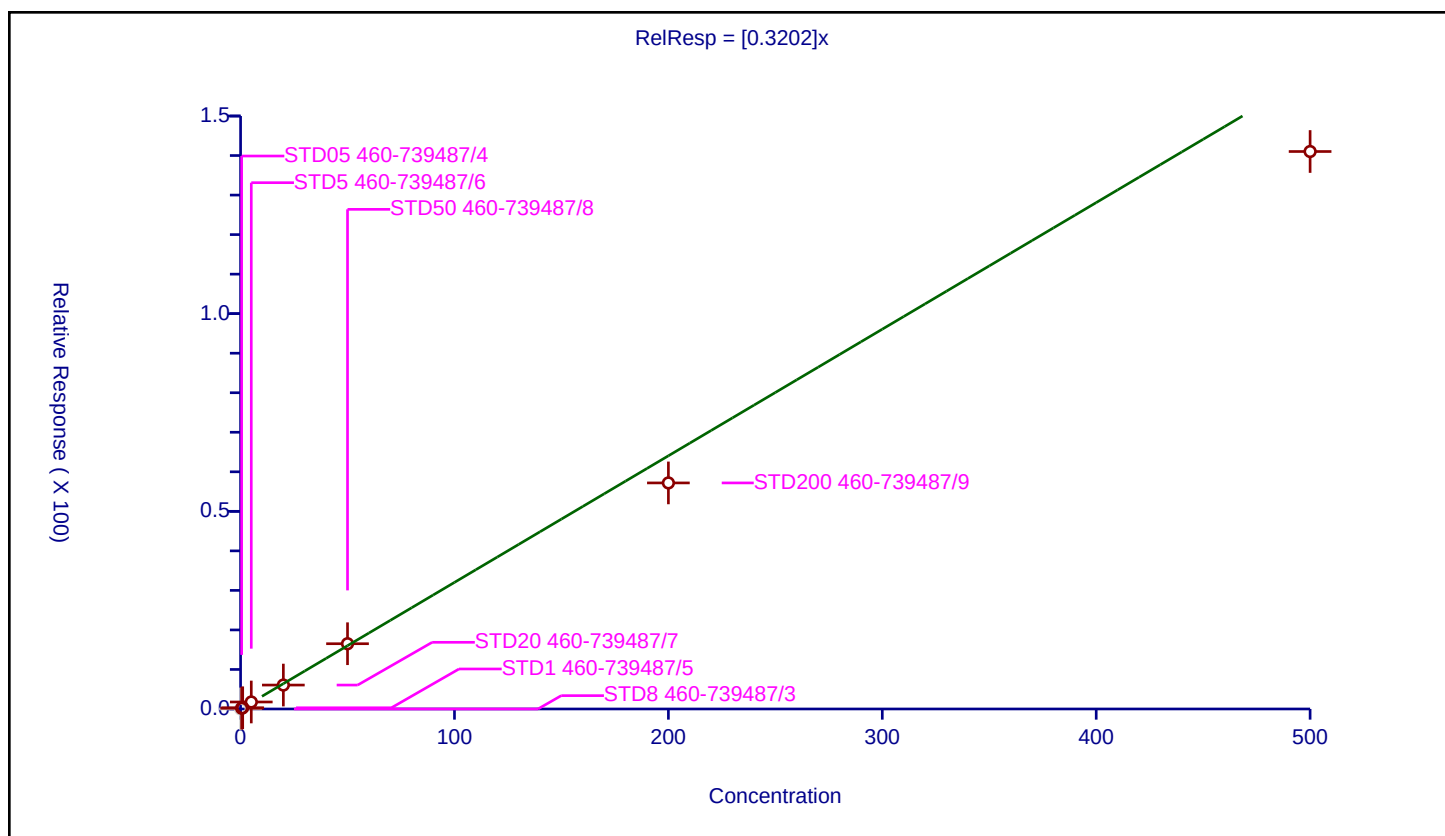
Curve Coefficients

Intercept: 0
Slope: 0.3202

Error Coefficients

Standard Error: 530000
Relative Standard Error: 11.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.189753	50.0	503023.0	0.379506	Y
3	STD1 460-739487/5	1.0	0.307309	50.0	506006.0	0.307309	Y
4	STD5 460-739487/6	5.0	1.769	50.0	524477.0	0.3538	Y
5	STD20 460-739487/7	20.0	6.056979	50.0	476698.0	0.302849	Y
6	STD50 460-739487/8	50.0	16.512995	50.0	446839.0	0.33026	Y
7	STD200 460-739487/9	200.0	57.185639	50.0	432258.0	0.285928	Y
8	STD500 460-739487/10	500.0	141.023306	50.0	421614.0	0.282047	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

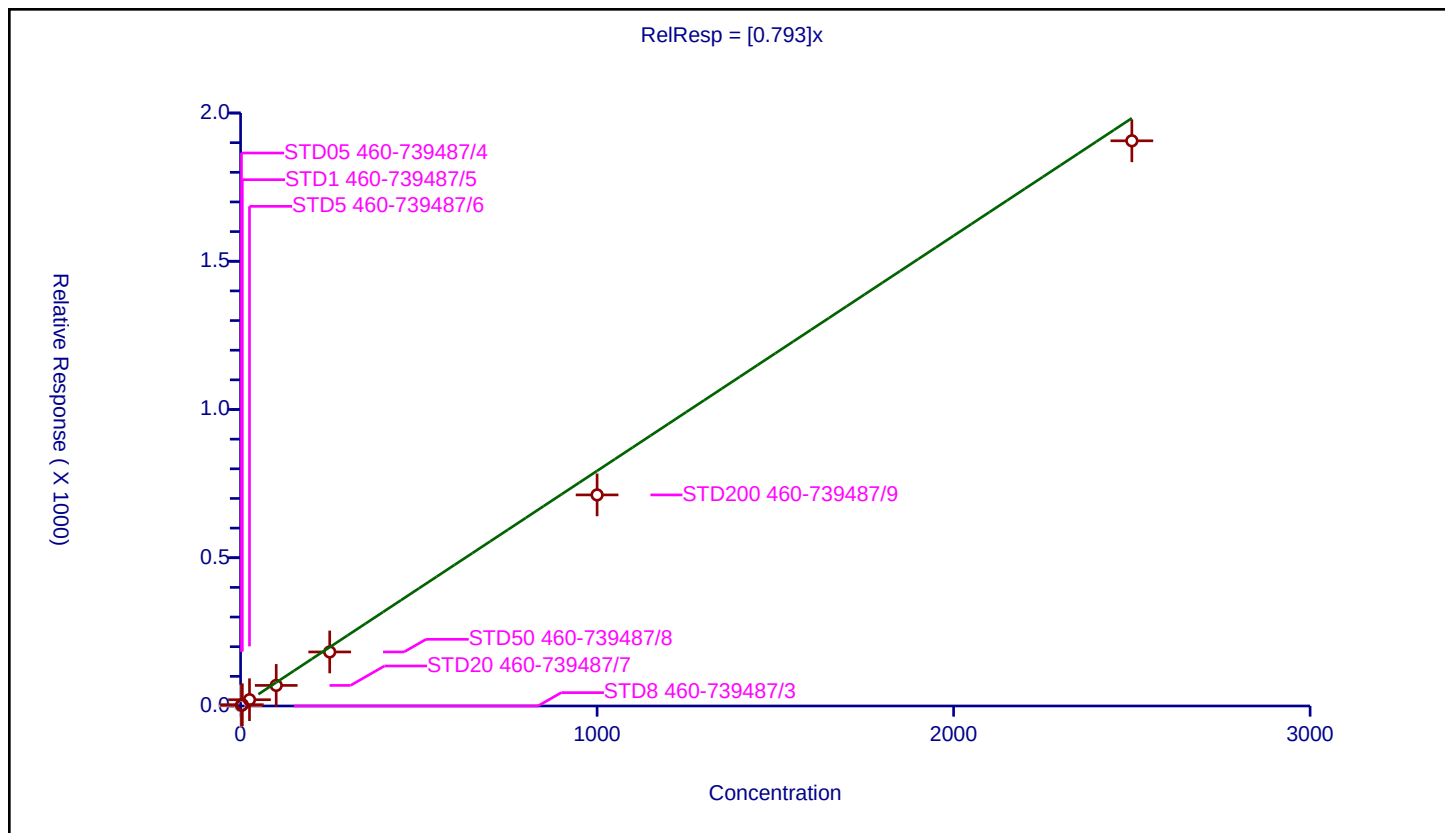
Curve Coefficients

Intercept: 0
Slope: 0.793

Error Coefficients

Standard Error: 894000
Relative Standard Error: 11.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	2.5	2.338202	250.0	318407.0	0.935281	Y
3	STD1 460-739487/5	5.0	4.347969	250.0	319287.0	0.869594	Y
4	STD5 460-739487/6	25.0	21.209502	250.0	353509.0	0.84838	Y
5	STD20 460-739487/7	100.0	69.430552	250.0	315920.0	0.694306	Y
6	STD50 460-739487/8	250.0	182.268293	250.0	304824.0	0.729073	Y
7	STD200 460-739487/9	1000.0	711.900825	250.0	290879.0	0.711901	Y
8	STD500 460-739487/10	2500.0	1906.250828	250.0	264141.0	0.7625	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

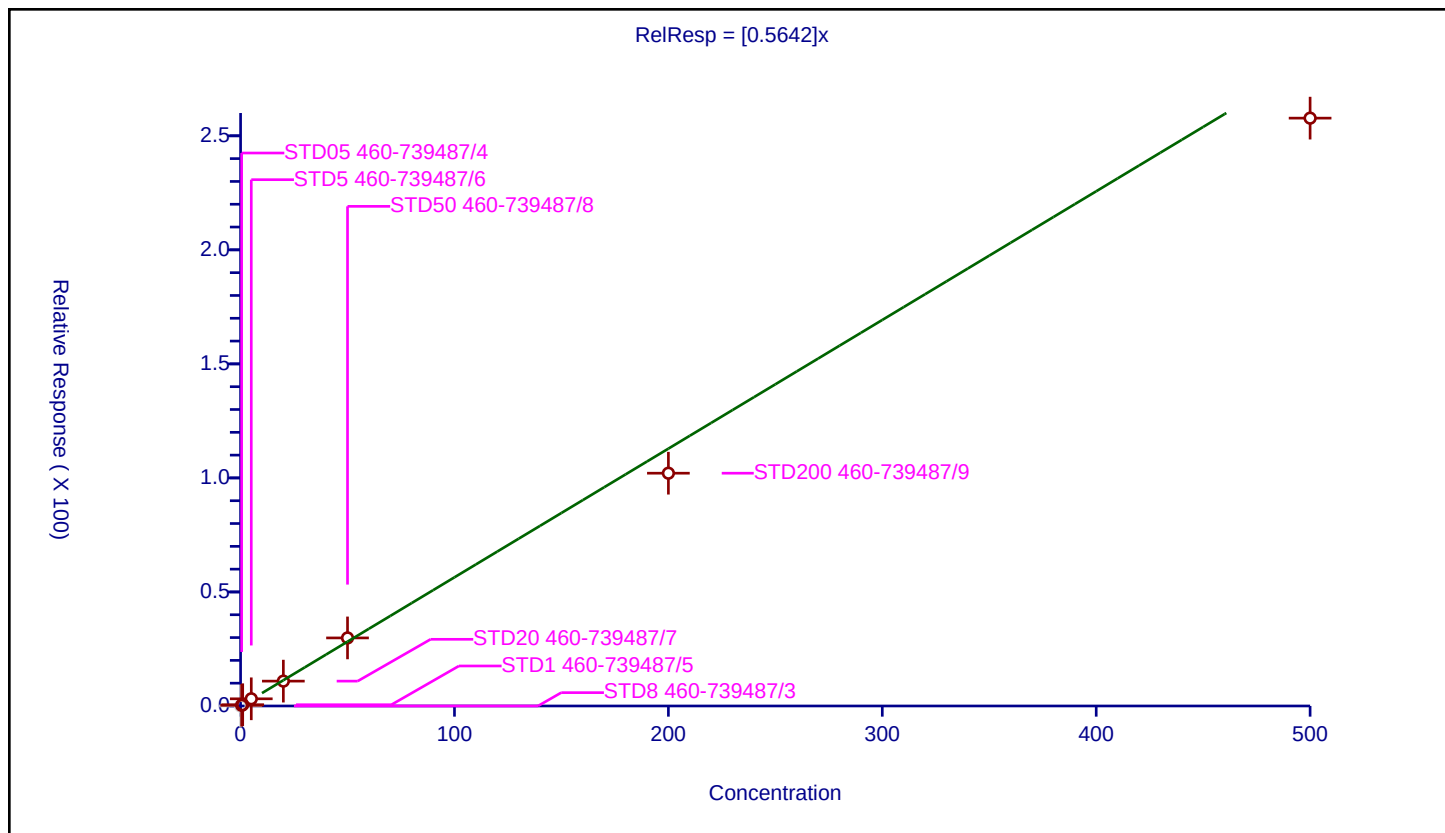
Curve Coefficients

Intercept: 0
 Slope: 0.5642

Error Coefficients

Standard Error: 965000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.299787	50.0	503023.0	0.599575	Y
3	STD1 460-739487/5	1.0	0.552464	50.0	506006.0	0.552464	Y
4	STD5 460-739487/6	5.0	3.148756	50.0	524477.0	0.629751	Y
5	STD20 460-739487/7	20.0	10.898934	50.0	476698.0	0.544947	Y
6	STD50 460-739487/8	50.0	29.843859	50.0	446839.0	0.596877	Y
7	STD200 460-739487/9	200.0	102.069019	50.0	432258.0	0.510345	Y
8	STD500 460-739487/10	500.0	257.752945	50.0	421614.0	0.515506	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

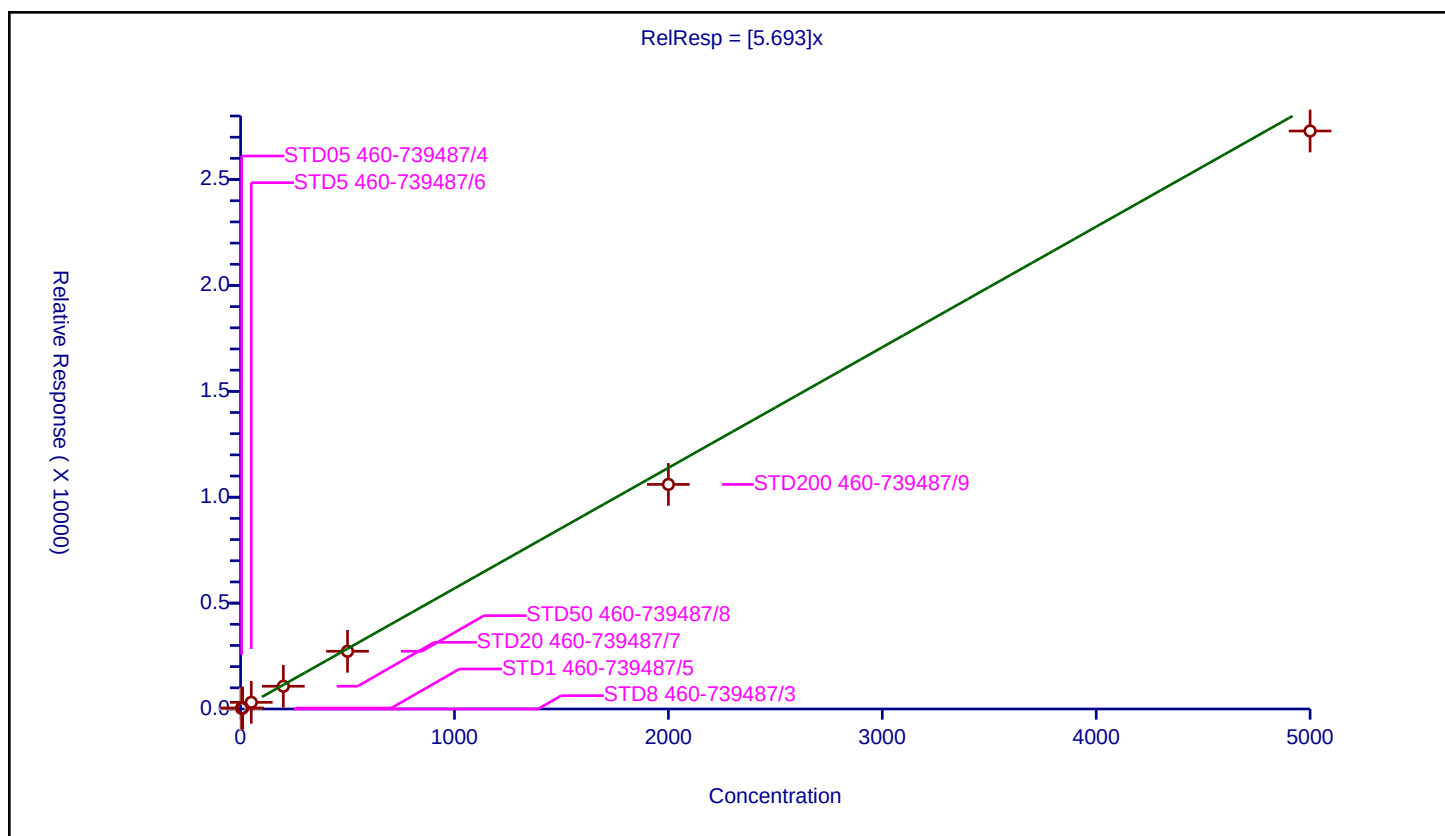
Curve Coefficients

Intercept: 0
Slope: 5.693

Error Coefficients

Standard Error: 392000
Relative Standard Error: 15.3
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	5.0	36.734884	1000.0	42902.0	7.346977	Y
3	STD1 460-739487/5	10.0	46.509492	1000.0	43561.0	4.650949	Y
4	STD5 460-739487/6	50.0	313.67322	1000.0	45015.0	6.273464	Y
5	STD20 460-739487/7	200.0	1074.350224	1000.0	42784.0	5.371751	Y
6	STD50 460-739487/8	500.0	2725.343583	1000.0	42930.0	5.450687	Y
7	STD200 460-739487/9	2000.0	10603.846784	1000.0	36602.0	5.301923	Y
8	STD500 460-739487/10	5000.0	27292.047449	1000.0	33046.0	5.458409	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

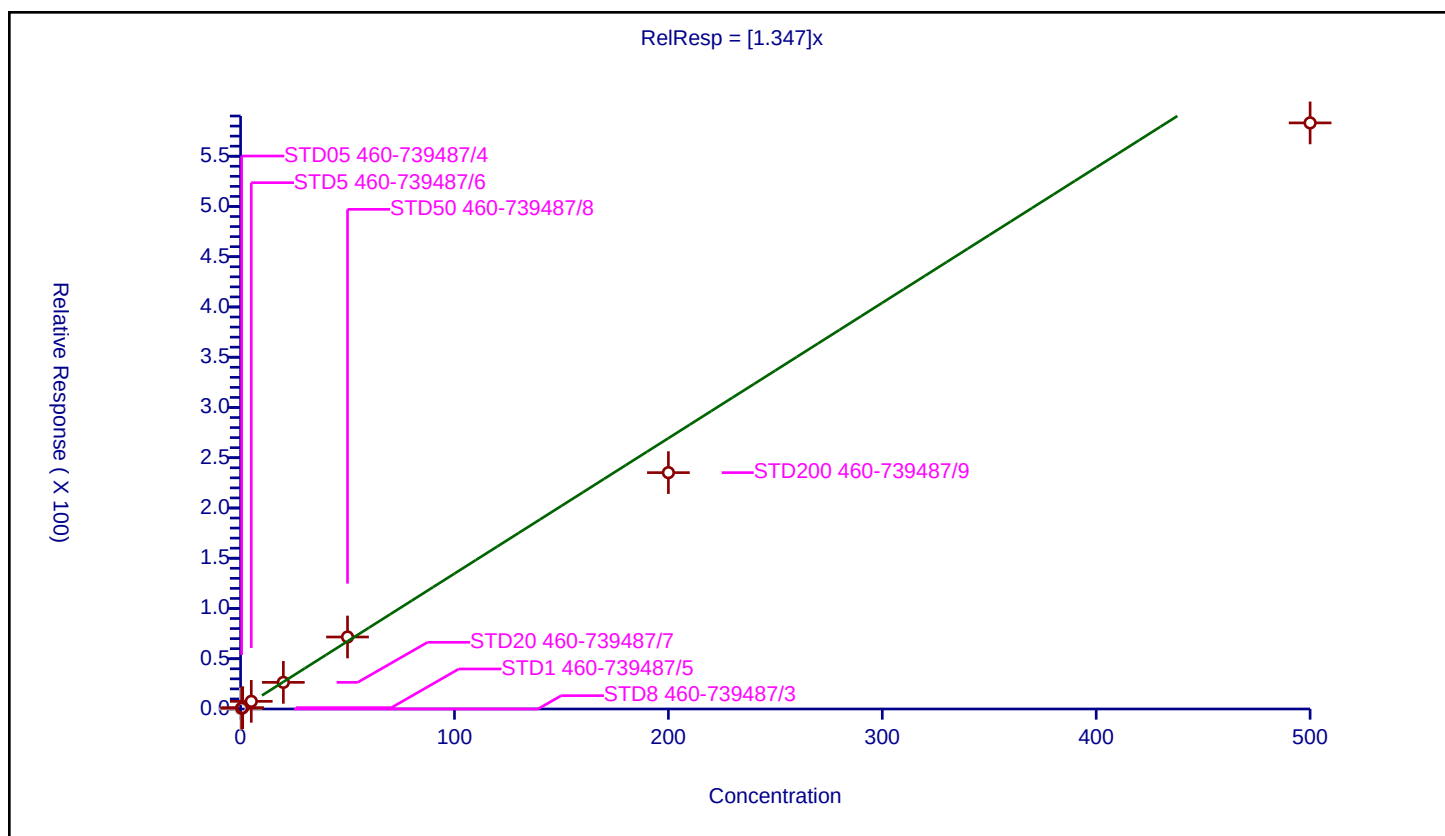
Curve Coefficients

Intercept: 0
 Slope: 1.347

Error Coefficients

Standard Error: 2190000
 Relative Standard Error: 10.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.739231	50.0	503023.0	1.478461	Y
3	STD1 460-739487/5	1.0	1.331605	50.0	506006.0	1.331605	Y
4	STD5 460-739487/6	5.0	7.606244	50.0	524477.0	1.521249	Y
5	STD20 460-739487/7	20.0	26.483329	50.0	476698.0	1.324166	Y
6	STD50 460-739487/8	50.0	71.637435	50.0	446839.0	1.432749	Y
7	STD200 460-739487/9	200.0	235.17124	50.0	432258.0	1.175856	Y
8	STD500 460-739487/10	500.0	583.147618	50.0	421614.0	1.166295	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

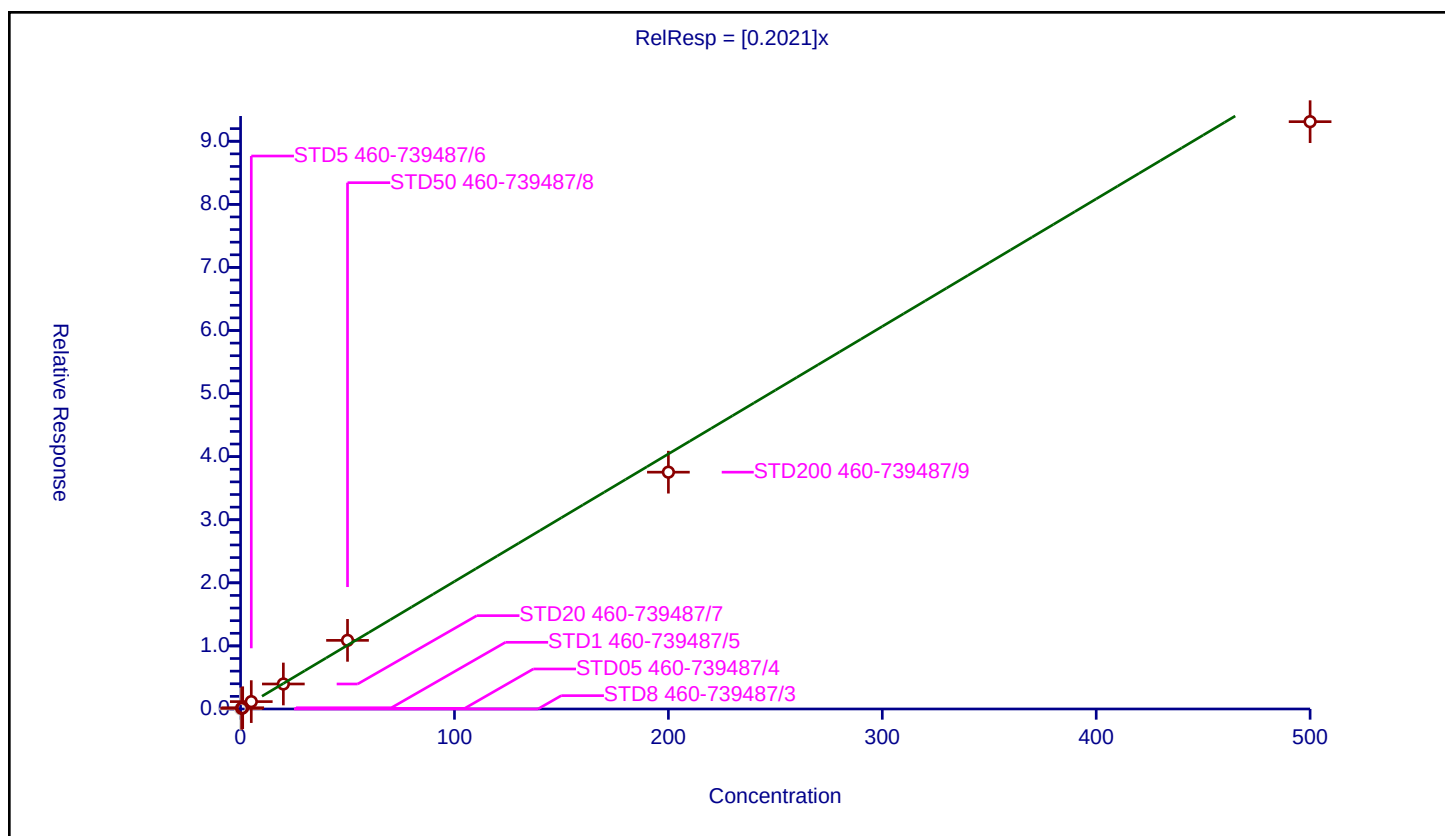
Curve Coefficients

Intercept: 0
Slope: 0.2021

Error Coefficients

Standard Error: 349000
Relative Standard Error: 8.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.098405	50.0	503023.0	0.19681	Y
3	STD1 460-739487/5	1.0	0.194859	50.0	506006.0	0.194859	Y
4	STD5 460-739487/6	5.0	1.168974	50.0	524477.0	0.233795	Y
5	STD20 460-739487/7	20.0	3.962572	50.0	476698.0	0.198129	Y
6	STD50 460-739487/8	50.0	10.876848	50.0	446839.0	0.217537	Y
7	STD200 460-739487/9	200.0	37.541006	50.0	432258.0	0.187705	Y
8	STD500 460-739487/10	500.0	93.105661	50.0	421614.0	0.186211	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

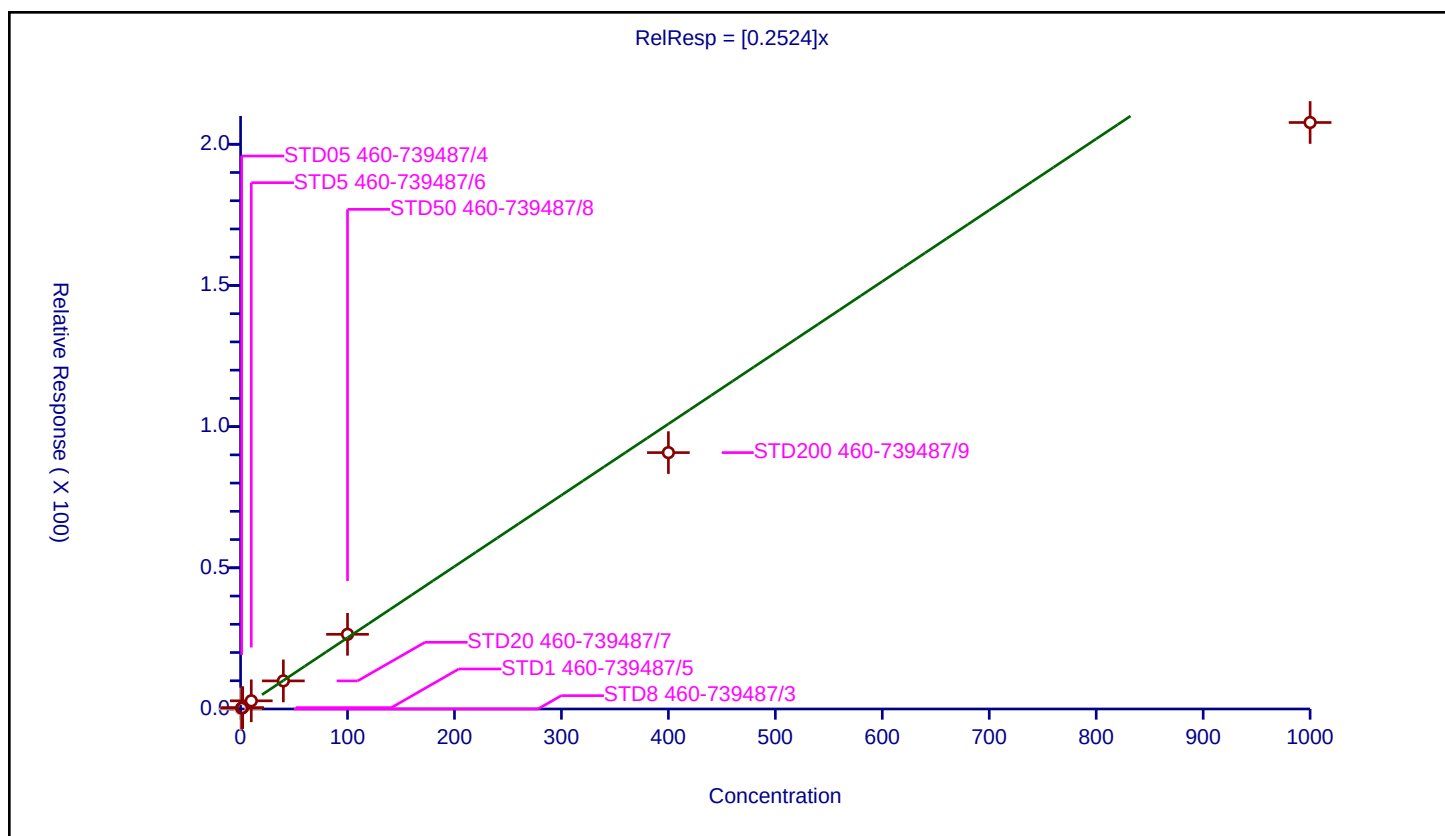
Curve Coefficients

Intercept: 0
Slope: 0.2524

Error Coefficients

Standard Error: 790000
Relative Standard Error: 12.1
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	1.0	0.288357	50.0	503023.0	0.288357	Y
3	STD1 460-739487/5	2.0	0.48201	50.0	506006.0	0.241005	Y
4	STD5 460-739487/6	10.0	2.894121	50.0	524477.0	0.289412	Y
5	STD20 460-739487/7	40.0	9.944661	50.0	476698.0	0.248617	Y
6	STD50 460-739487/8	100.0	26.451138	50.0	446839.0	0.264511	Y
7	STD200 460-739487/9	400.0	90.79751	50.0	432258.0	0.226994	Y
8	STD500 460-739487/10	1000.0	207.700408	50.0	421614.0	0.2077	Y



Calibration

/ Cyclopentene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

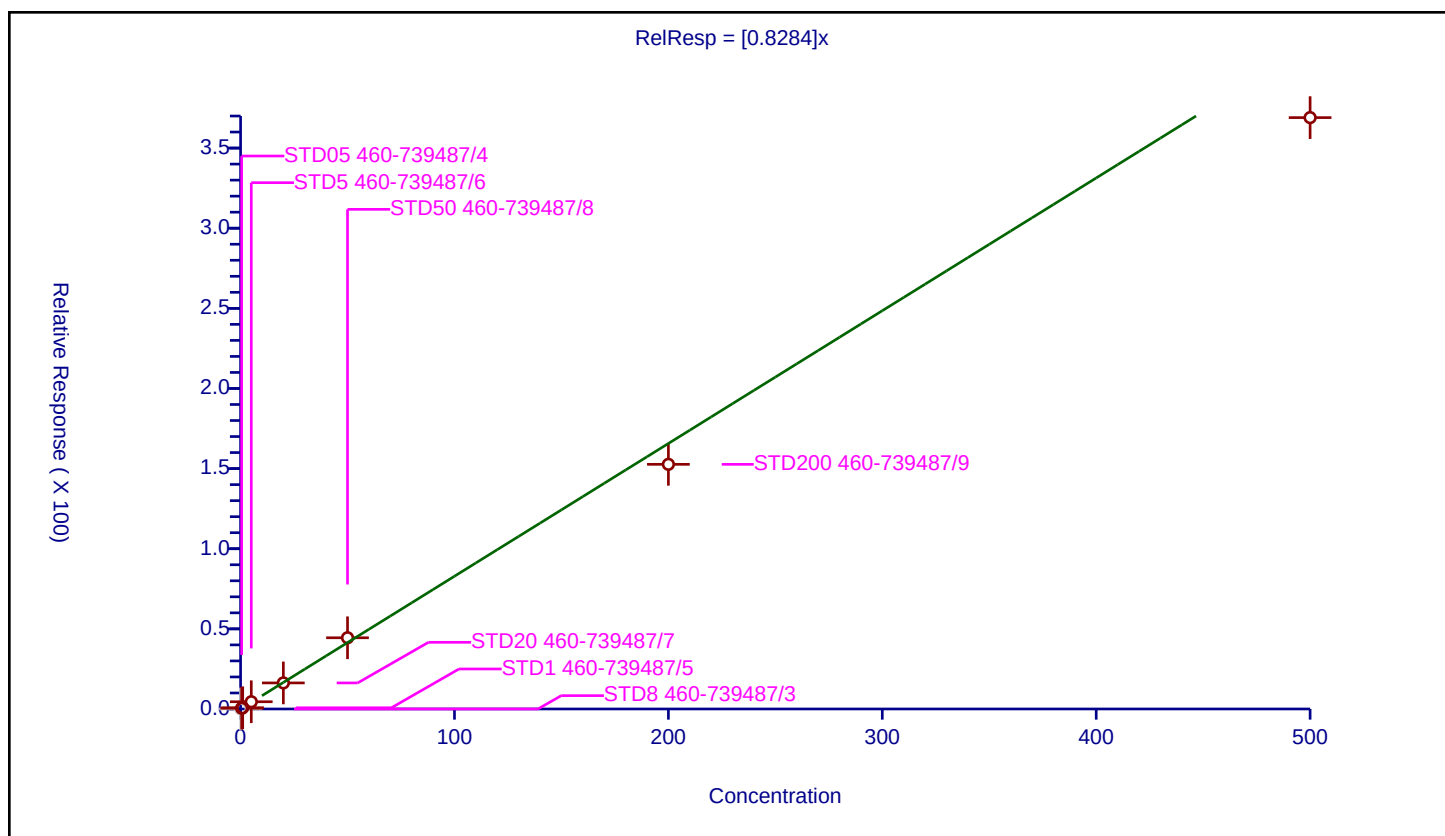
Curve Coefficients

Intercept: 0
Slope: 0.8284

Error Coefficients

Standard Error: 1390000
Relative Standard Error: 9.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.465784	50.0	503023.0	0.931568	Y
3	STD1 460-739487/5	1.0	0.760169	50.0	506006.0	0.760169	Y
4	STD5 460-739487/6	5.0	4.515641	50.0	524477.0	0.903128	Y
5	STD20 460-739487/7	20.0	16.270993	50.0	476698.0	0.81355	Y
6	STD50 460-739487/8	50.0	44.442741	50.0	446839.0	0.888855	Y
7	STD200 460-739487/9	200.0	152.658944	50.0	432258.0	0.763295	Y
8	STD500 460-739487/10	500.0	368.998065	50.0	421614.0	0.737996	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

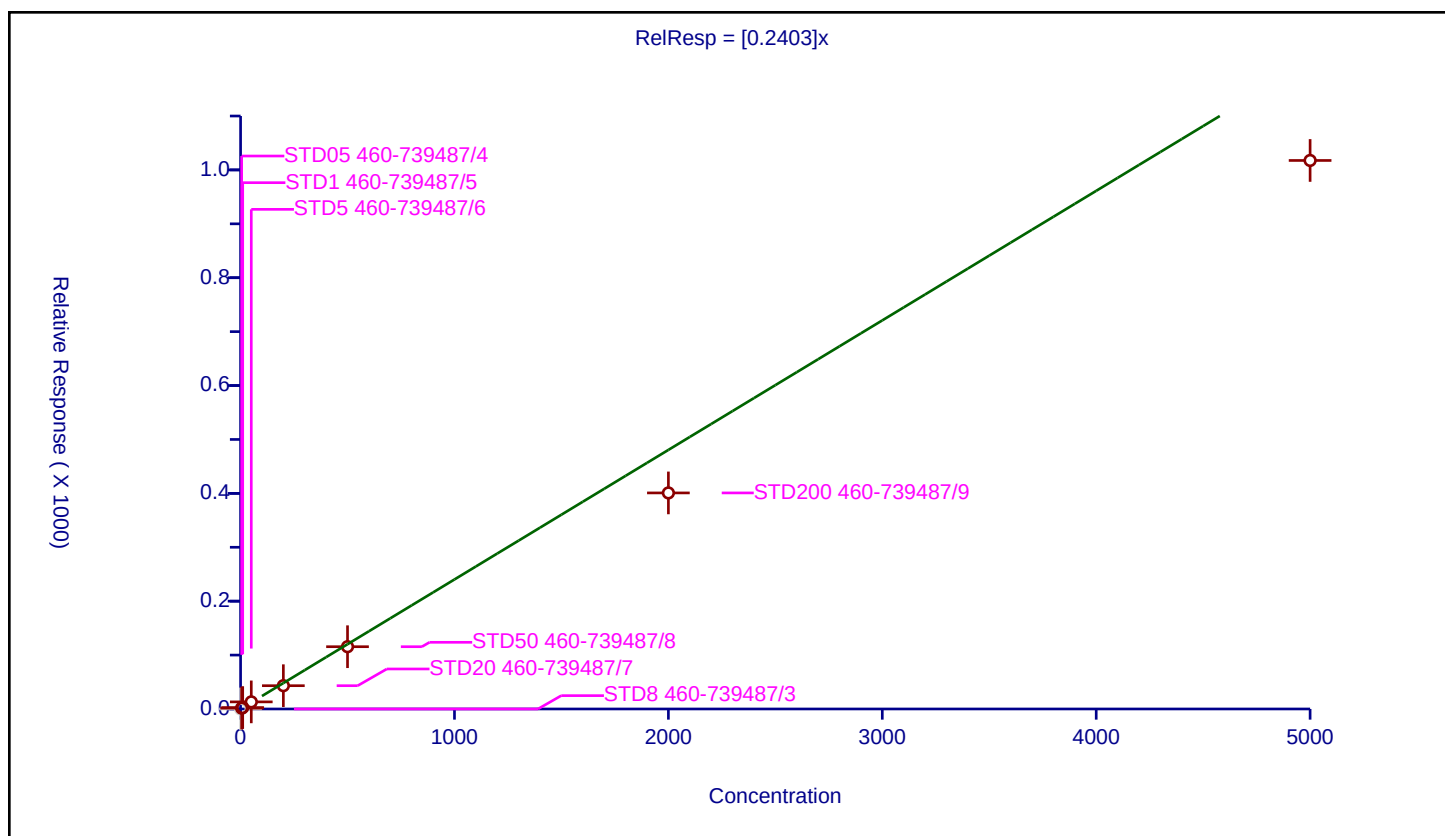
Curve Coefficients

Intercept: 0
Slope: 0.2403

Error Coefficients

Standard Error: 482000
Relative Standard Error: 16.3
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	5.0	1.546762	250.0	318407.0	0.309352	Y
3	STD1 460-739487/5	10.0	2.579967	250.0	319287.0	0.257997	Y
4	STD5 460-739487/6	50.0	13.182833	250.0	353509.0	0.263657	Y
5	STD20 460-739487/7	200.0	43.216637	250.0	315920.0	0.216083	Y
6	STD50 460-739487/8	500.0	115.543724	250.0	304824.0	0.231087	Y
7	STD200 460-739487/9	2000.0	400.799817	250.0	290879.0	0.2004	Y
8	STD500 460-739487/10	5000.0	1017.555018	250.0	264141.0	0.203511	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

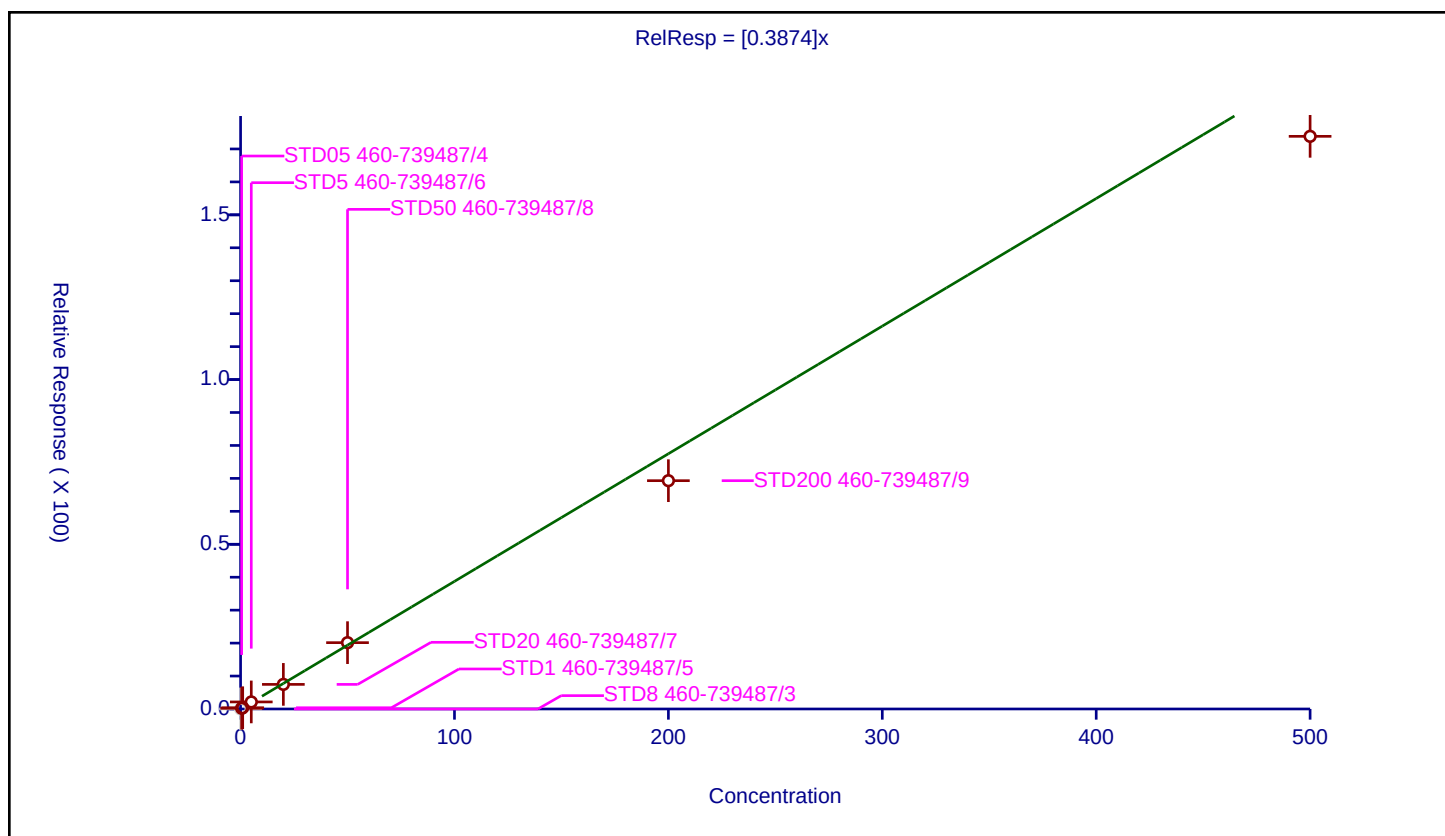
Curve Coefficients

Intercept: 0
 Slope: 0.3874

Error Coefficients

Standard Error: 651000
 Relative Standard Error: 9.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.217286	50.0	503023.0	0.434573	Y
3	STD1 460-739487/5	1.0	0.379442	50.0	506006.0	0.379442	Y
4	STD5 460-739487/6	5.0	2.137272	50.0	524477.0	0.427454	Y
5	STD20 460-739487/7	20.0	7.46867	50.0	476698.0	0.373433	Y
6	STD50 460-739487/8	50.0	20.138573	50.0	446839.0	0.402771	Y
7	STD200 460-739487/9	200.0	69.301551	50.0	432258.0	0.346508	Y
8	STD500 460-739487/10	500.0	173.828549	50.0	421614.0	0.347657	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

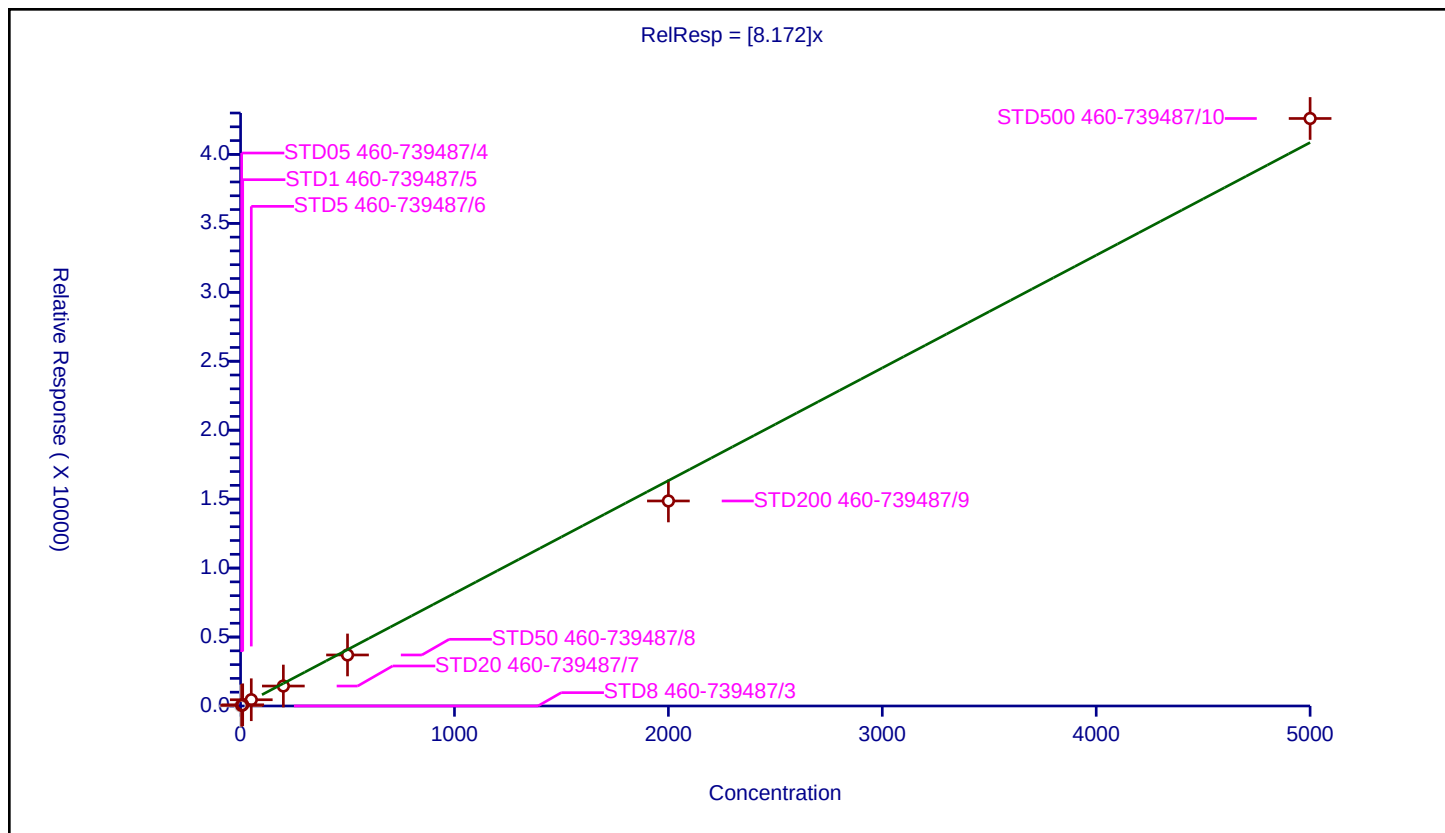
Curve Coefficients

Intercept: 0
 Slope: 8.172

Error Coefficients

Standard Error: 602000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	5.0	44.356906	1000.0	42902.0	8.871381	Y
3	STD1 460-739487/5	10.0	86.751911	1000.0	43561.0	8.675191	Y
4	STD5 460-739487/6	50.0	453.115628	1000.0	45015.0	9.062313	Y
5	STD20 460-739487/7	200.0	1447.901085	1000.0	42784.0	7.239505	Y
6	STD50 460-739487/8	500.0	3699.790356	1000.0	42930.0	7.399581	Y
7	STD200 460-739487/9	2000.0	14867.001803	1000.0	36602.0	7.433501	Y
8	STD500 460-739487/10	5000.0	42602.917146	1000.0	33046.0	8.520583	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

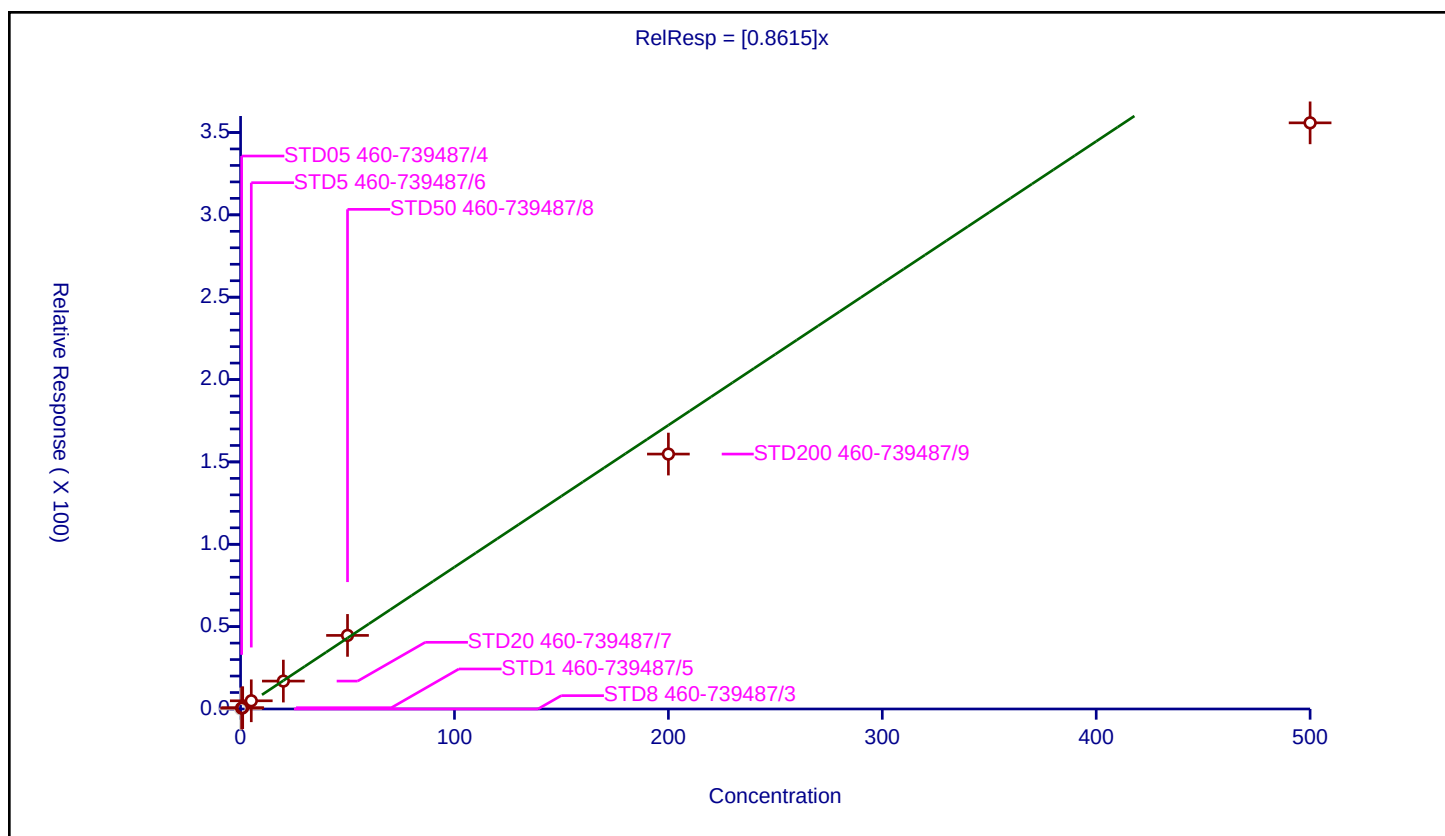
Curve Coefficients

Intercept: 0
Slope: 0.8615

Error Coefficients

Standard Error: 1350000
Relative Standard Error: 13.5
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.511408	50.0	503023.0	1.022816	Y
3	STD1 460-739487/5	1.0	0.78586	50.0	506006.0	0.78586	Y
4	STD5 460-739487/6	5.0	4.978102	50.0	524477.0	0.99562	Y
5	STD20 460-739487/7	20.0	16.945844	50.0	476698.0	0.847292	Y
6	STD50 460-739487/8	50.0	44.68097	50.0	446839.0	0.893619	Y
7	STD200 460-739487/9	200.0	154.762549	50.0	432258.0	0.773813	Y
8	STD500 460-739487/10	500.0	355.856898	50.0	421614.0	0.711714	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

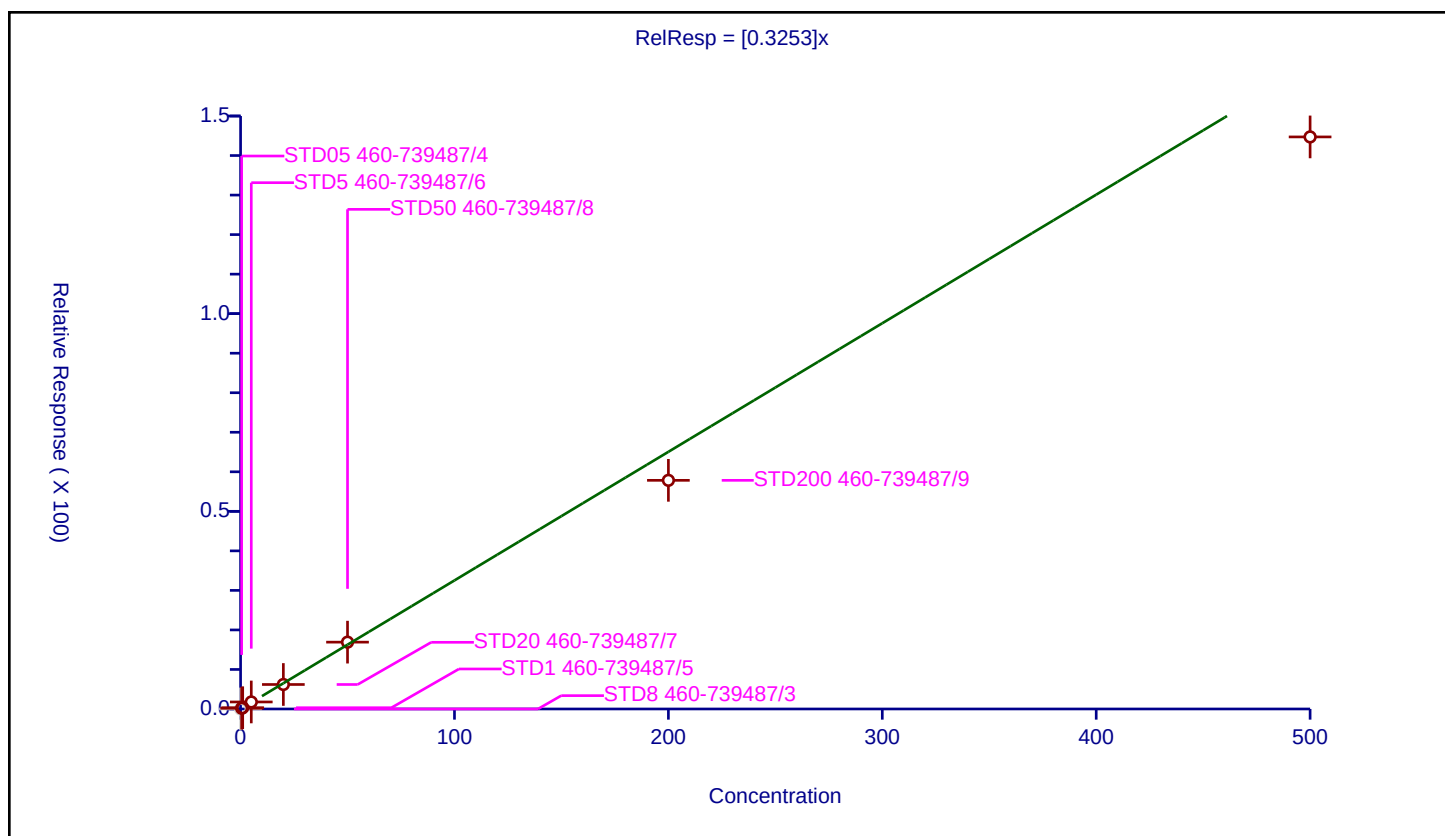
Curve Coefficients

Intercept: 0
Slope: 0.3253

Error Coefficients

Standard Error: 542000
Relative Standard Error: 10.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.187765	50.0	503023.0	0.37553	Y
3	STD1 460-739487/5	1.0	0.319364	50.0	506006.0	0.319364	Y
4	STD5 460-739487/6	5.0	1.776532	50.0	524477.0	0.355306	Y
5	STD20 460-739487/7	20.0	6.198683	50.0	476698.0	0.309934	Y
6	STD50 460-739487/8	50.0	16.907096	50.0	446839.0	0.338142	Y
7	STD200 460-739487/9	200.0	57.841613	50.0	432258.0	0.289208	Y
8	STD500 460-739487/10	500.0	144.708549	50.0	421614.0	0.289417	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

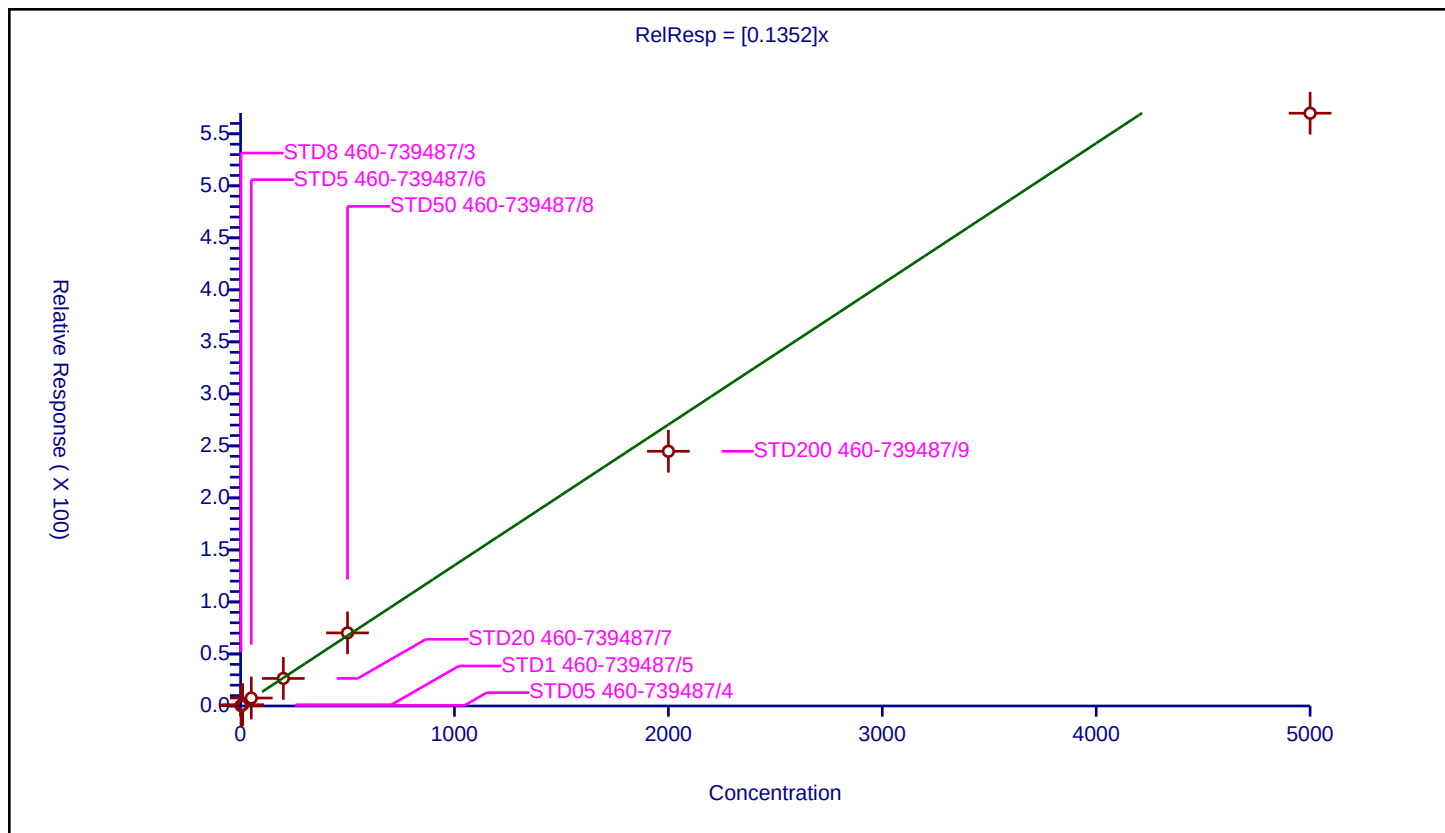
Curve Coefficients

Intercept: 0
Slope: 0.1352

Error Coefficients

Standard Error: 2000000
Relative Standard Error: 13.1
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	2.0	0.334594	50.0	506435.0	0.167297	Y
2	STD05 460-739487/4	5.0	0.654145	50.0	503023.0	0.130829	Y
3	STD1 460-739487/5	10.0	1.215401	50.0	506006.0	0.12154	Y
4	STD5 460-739487/6	50.0	7.643614	50.0	524477.0	0.152872	Y
5	STD20 460-739487/7	200.0	26.494028	50.0	476698.0	0.13247	Y
6	STD50 460-739487/8	500.0	70.263451	50.0	446839.0	0.140527	Y
7	STD200 460-739487/9	2000.0	244.839656	50.0	432258.0	0.12242	Y
8	STD500 460-739487/10	5000.0	569.804015	50.0	421614.0	0.113961	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

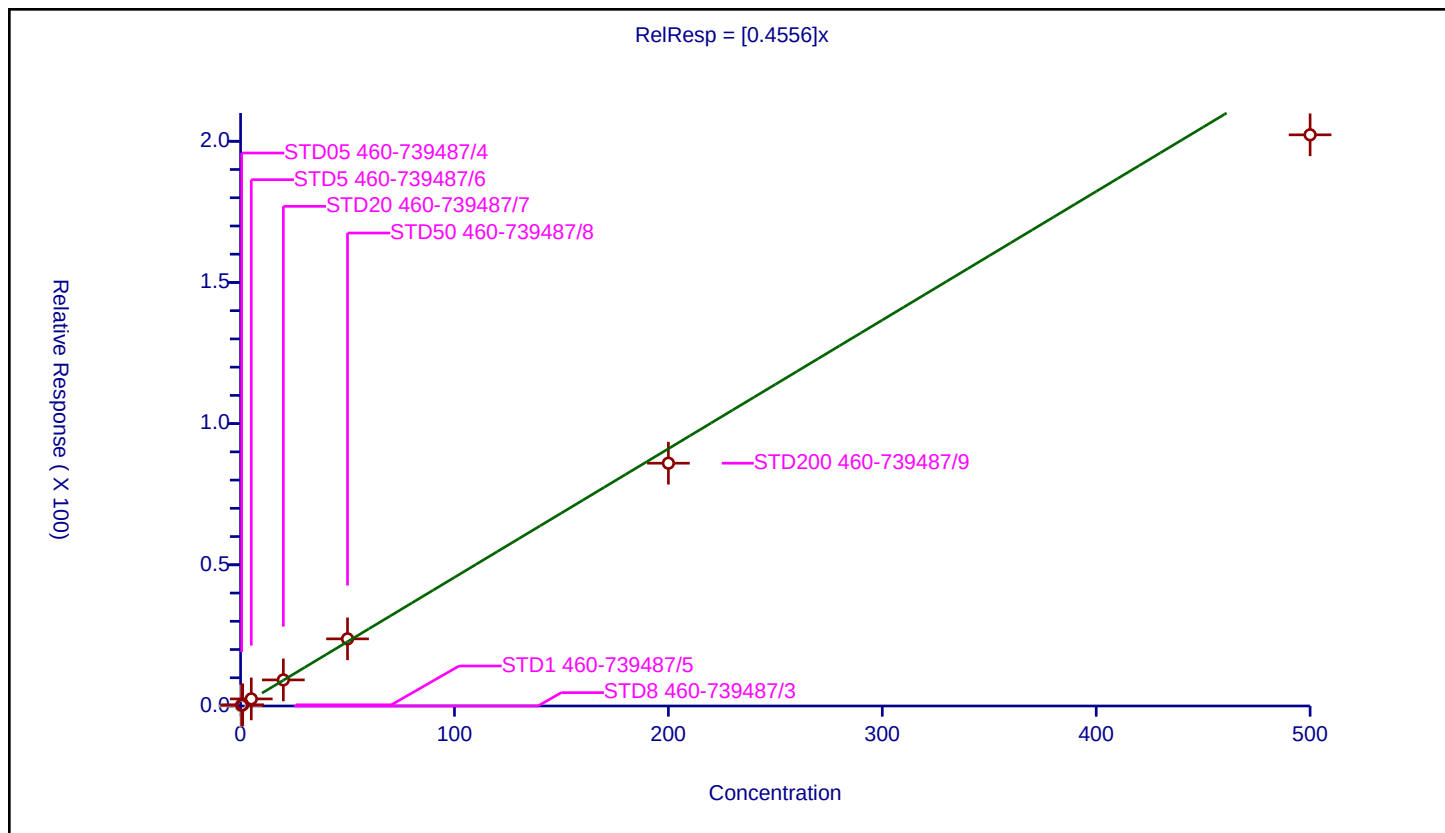
Curve Coefficients

Intercept: 0
 Slope: 0.4556

Error Coefficients

Standard Error: 765000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.2481	50.0	503023.0	0.4962	Y
3	STD1 460-739487/5	1.0	0.419955	50.0	506006.0	0.419955	Y
4	STD5 460-739487/6	5.0	2.505162	50.0	524477.0	0.501032	Y
5	STD20 460-739487/7	20.0	9.235826	50.0	476698.0	0.461791	Y
6	STD50 460-739487/8	50.0	23.77758	50.0	446839.0	0.475552	Y
7	STD200 460-739487/9	200.0	85.983255	50.0	432258.0	0.429916	Y
8	STD500 460-739487/10	500.0	202.275778	50.0	421614.0	0.404552	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

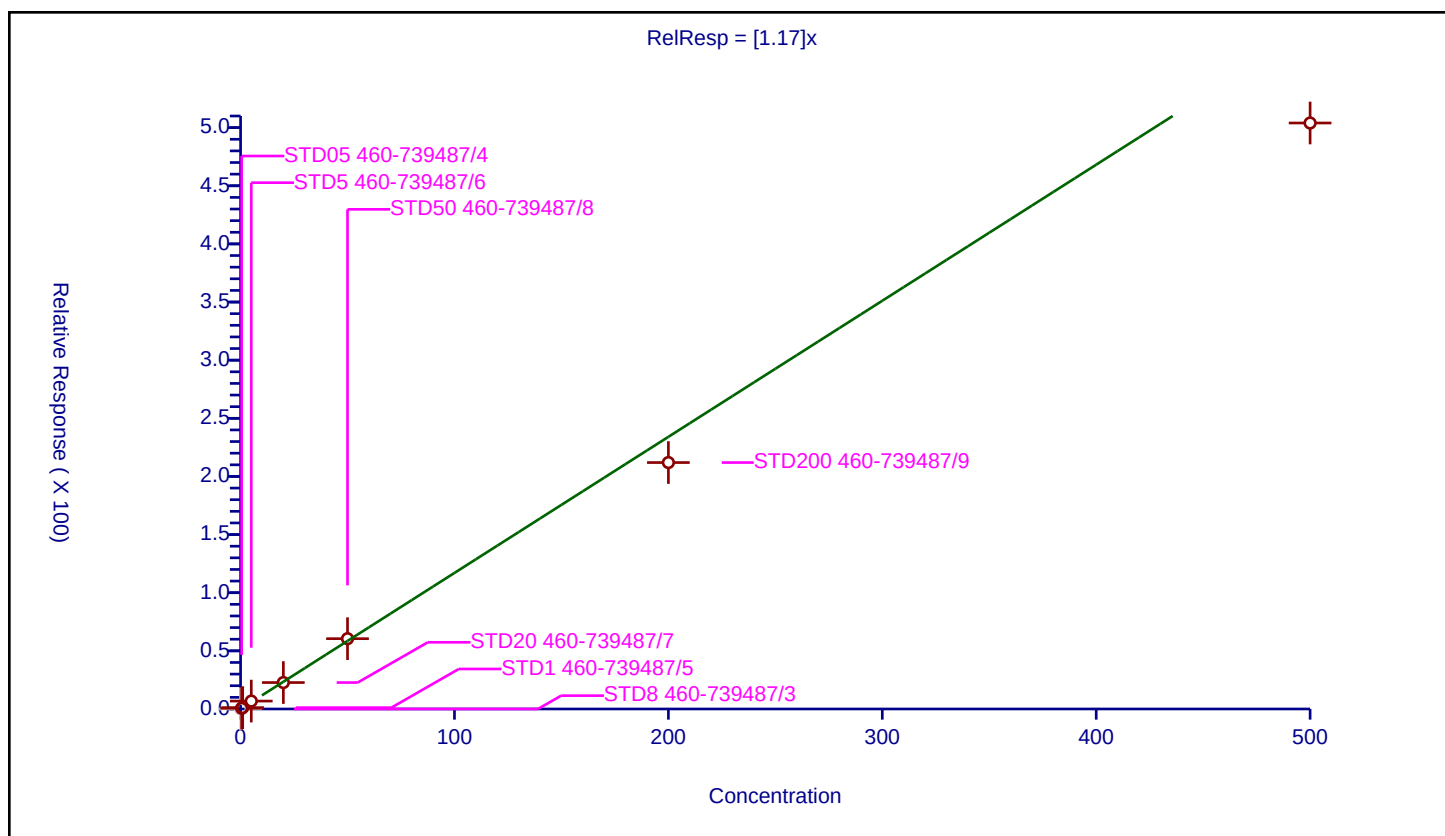
Curve Coefficients

Intercept: 0
Slope: 1.17

Error Coefficients

Standard Error: 1900000
Relative Standard Error: 10.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.6285	50.0	503023.0	1.257	Y
3	STD1 460-739487/5	1.0	1.159275	50.0	506006.0	1.159275	Y
4	STD5 460-739487/6	5.0	6.810308	50.0	524477.0	1.362062	Y
5	STD20 460-739487/7	20.0	22.741757	50.0	476698.0	1.137088	Y
6	STD50 460-739487/8	50.0	60.468424	50.0	446839.0	1.209368	Y
7	STD200 460-739487/9	200.0	211.960912	50.0	432258.0	1.059805	Y
8	STD500 460-739487/10	500.0	503.997377	50.0	421614.0	1.007995	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

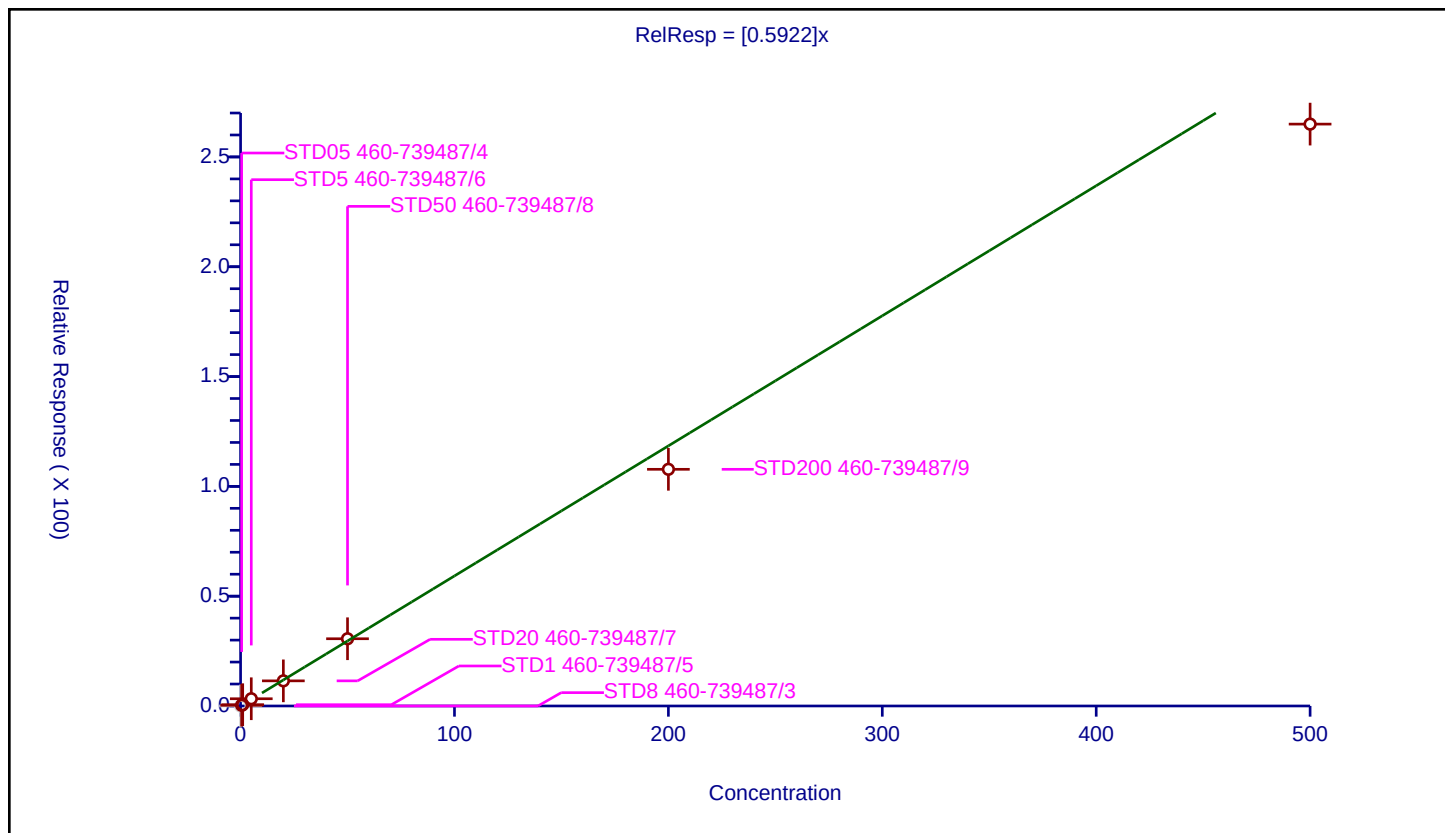
Curve Coefficients

Intercept: 0
 Slope: 0.5922

Error Coefficients

Standard Error: 995000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.320562	50.0	503023.0	0.641124	Y
3	STD1 460-739487/5	1.0	0.5911	50.0	506006.0	0.5911	Y
4	STD5 460-739487/6	5.0	3.301861	50.0	524477.0	0.660372	Y
5	STD20 460-739487/7	20.0	11.440472	50.0	476698.0	0.572024	Y
6	STD50 460-739487/8	50.0	30.612144	50.0	446839.0	0.612243	Y
7	STD200 460-739487/9	200.0	107.762147	50.0	432258.0	0.538811	Y
8	STD500 460-739487/10	500.0	264.950879	50.0	421614.0	0.529902	Y



Calibration

/ Vinyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

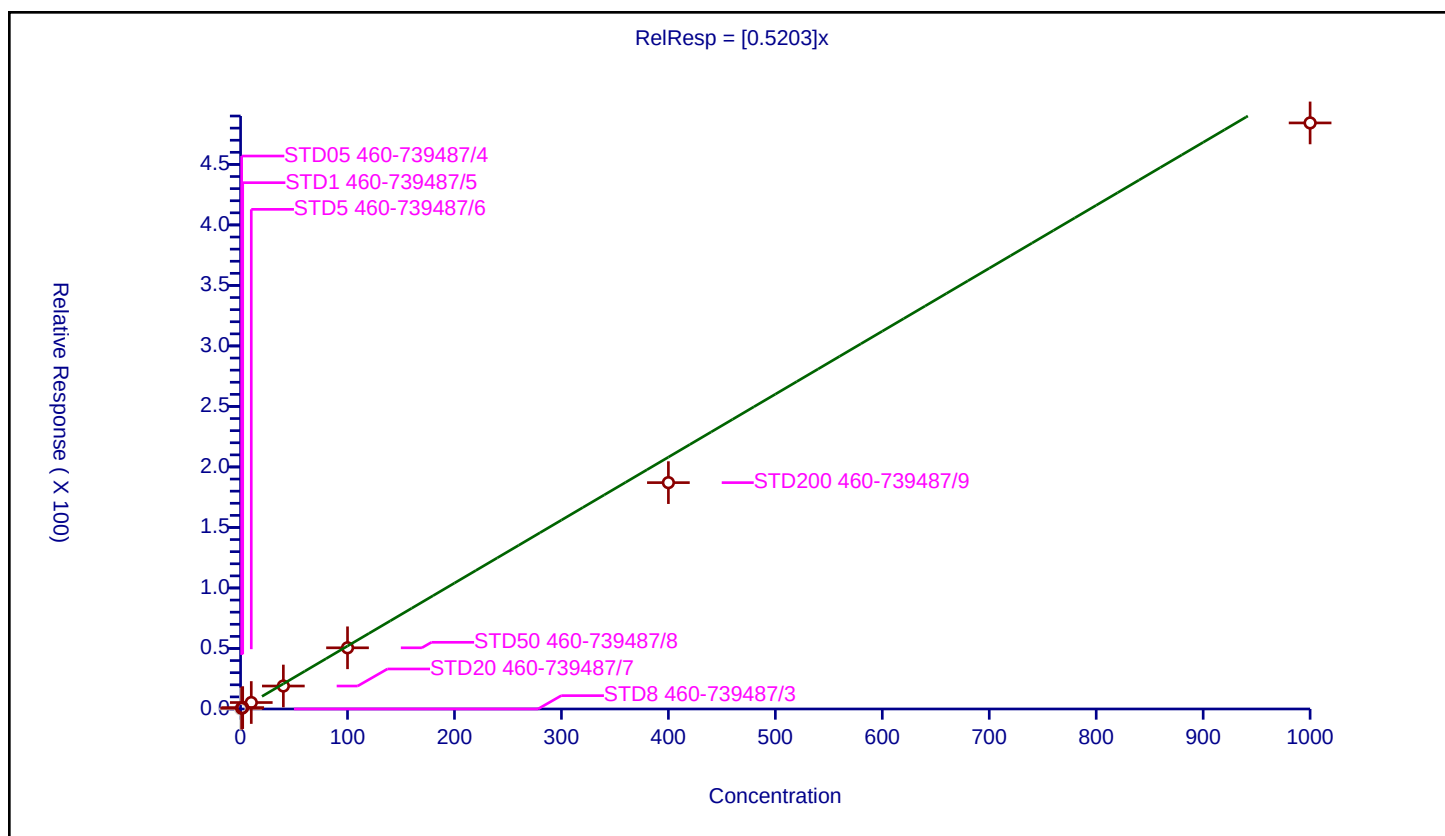
Curve Coefficients

Intercept: 0
Slope: 0.5203

Error Coefficients

Standard Error: 228000
Relative Standard Error: 10.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	1.0	0.611639	250.0	318407.0	0.611639	Y
3	STD1 460-739487/5	2.0	1.128295	250.0	319287.0	0.564148	Y
4	STD5 460-739487/6	10.0	5.340034	250.0	353509.0	0.534003	Y
5	STD20 460-739487/7	40.0	18.985819	250.0	315920.0	0.474645	Y
6	STD50 460-739487/8	100.0	50.561964	250.0	304824.0	0.50562	Y
7	STD200 460-739487/9	400.0	187.053723	250.0	290879.0	0.467634	Y
8	STD500 460-739487/10	1000.0	484.289641	250.0	264141.0	0.48429	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

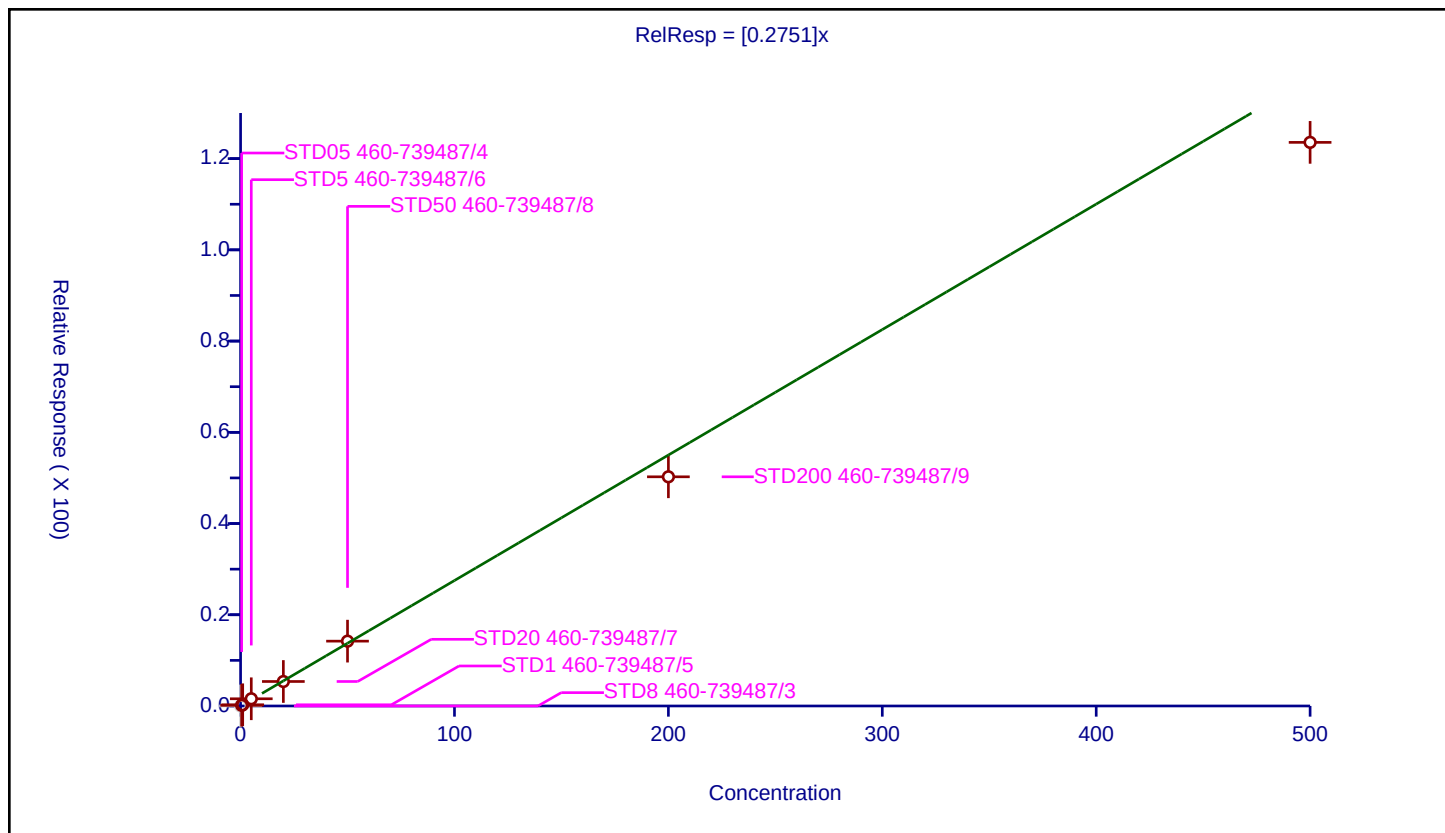
Curve Coefficients

Intercept: 0
 Slope: 0.2751

Error Coefficients

Standard Error: 464000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.147707	50.0	503023.0	0.295414	Y
3	STD1 460-739487/5	1.0	0.263238	50.0	506006.0	0.263238	Y
4	STD5 460-739487/6	5.0	1.579383	50.0	524477.0	0.315877	Y
5	STD20 460-739487/7	20.0	5.366815	50.0	476698.0	0.268341	Y
6	STD50 460-739487/8	50.0	14.214068	50.0	446839.0	0.284281	Y
7	STD200 460-739487/9	200.0	50.245108	50.0	432258.0	0.251226	Y
8	STD500 460-739487/10	500.0	123.562429	50.0	421614.0	0.247125	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

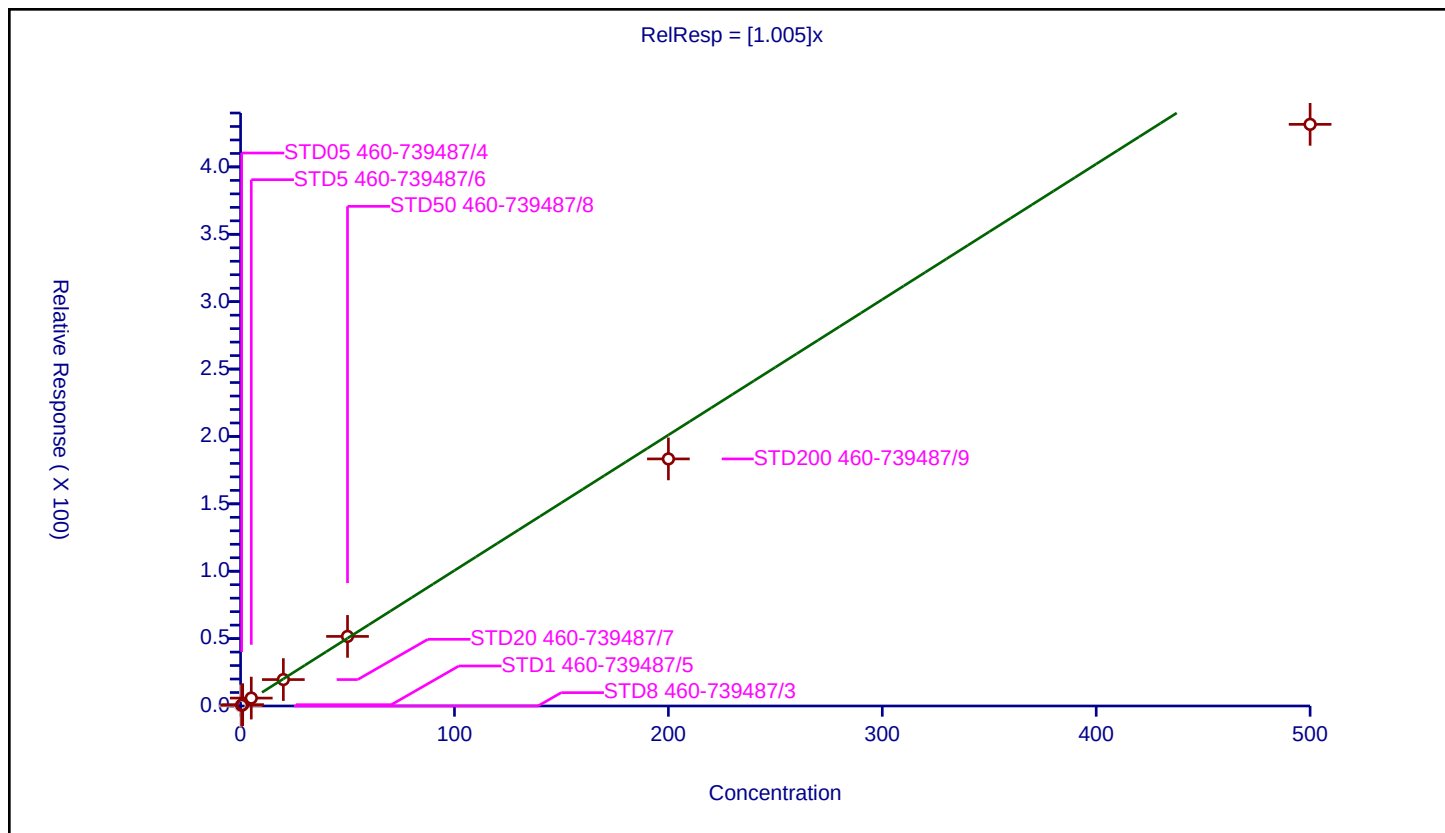
Curve Coefficients

Intercept: 0
Slope: 1.005

Error Coefficients

Standard Error: 1630000
Relative Standard Error: 10.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.546198	50.0	503023.0	1.092395	Y
3	STD1 460-739487/5	1.0	0.977656	50.0	506006.0	0.977656	Y
4	STD5 460-739487/6	5.0	5.874519	50.0	524477.0	1.174904	Y
5	STD20 460-739487/7	20.0	19.60455	50.0	476698.0	0.980228	Y
6	STD50 460-739487/8	50.0	51.637167	50.0	446839.0	1.032743	Y
7	STD200 460-739487/9	200.0	183.334143	50.0	432258.0	0.916671	Y
8	STD500 460-739487/10	500.0	431.581968	50.0	421614.0	0.863164	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

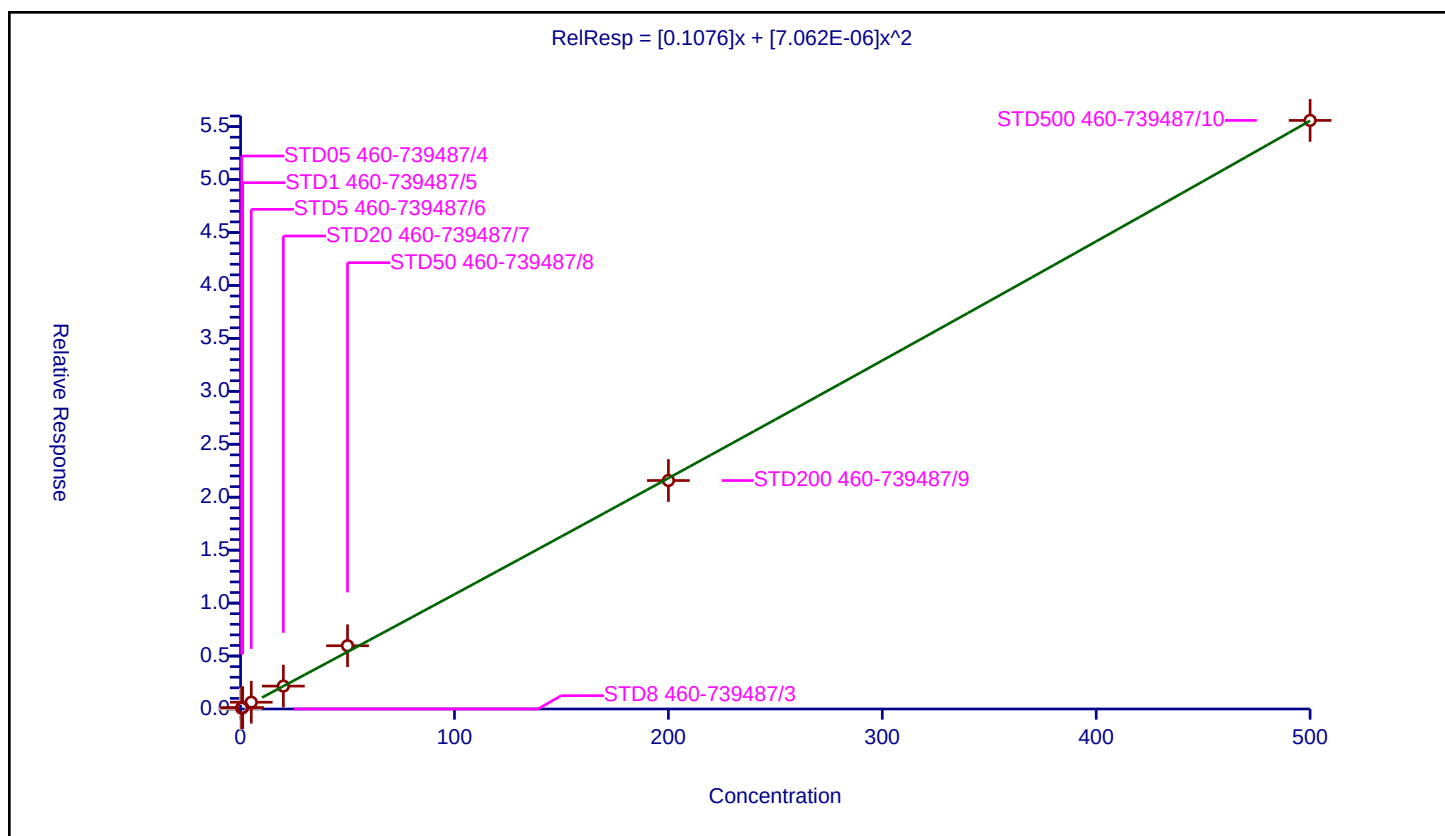
Curve Coefficients

Intercept: 0
Slope: 0.1076
Second Order: 7.062E-06

Error Coefficients

Standard Error: 227000
Relative Standard Error: 40.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.100194	50.0	503023.0	0.200388	Y
3	STD1 460-739487/5	1.0	0.13073	50.0	506006.0	0.13073	Y
4	STD5 460-739487/6	5.0	0.639494	50.0	524477.0	0.127899	Y
5	STD20 460-739487/7	20.0	2.161012	50.0	476698.0	0.108051	Y
6	STD50 460-739487/8	50.0	5.972509	50.0	446839.0	0.11945	Y
7	STD200 460-739487/9	200.0	21.57635	50.0	432258.0	0.107882	Y
8	STD500 460-739487/10	500.0	55.583899	50.0	421614.0	0.111168	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

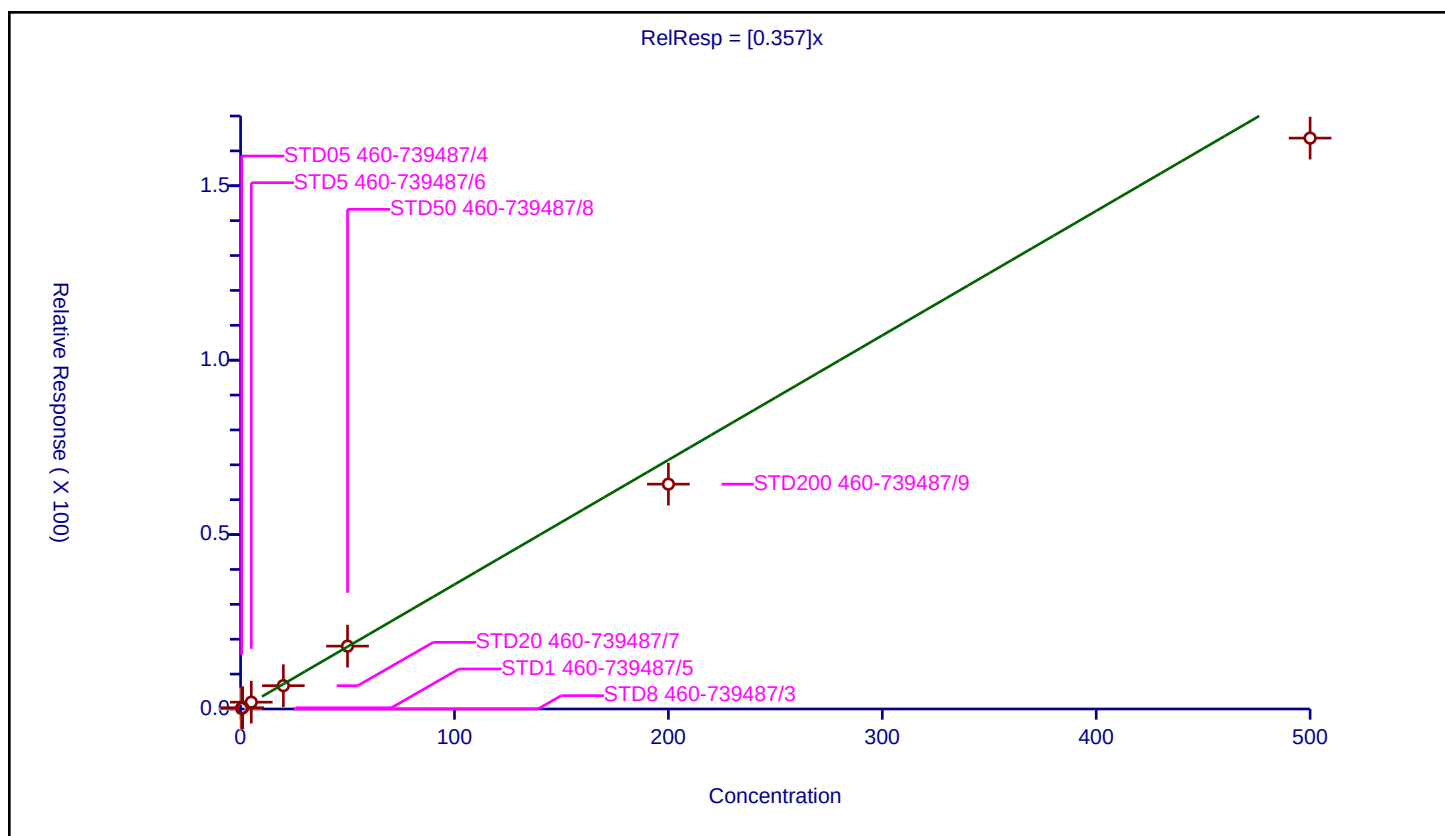
Curve Coefficients

Intercept: 0
Slope: 0.357

Error Coefficients

Standard Error: 612000
Relative Standard Error: 9.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.203967	50.0	503023.0	0.407934	Y
3	STD1 460-739487/5	1.0	0.356419	50.0	506006.0	0.356419	Y
4	STD5 460-739487/6	5.0	1.951849	50.0	524477.0	0.39037	Y
5	STD20 460-739487/7	20.0	6.683057	50.0	476698.0	0.334153	Y
6	STD50 460-739487/8	50.0	18.024277	50.0	446839.0	0.360486	Y
7	STD200 460-739487/9	200.0	64.461502	50.0	432258.0	0.322308	Y
8	STD500 460-739487/10	500.0	163.67151	50.0	421614.0	0.327343	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

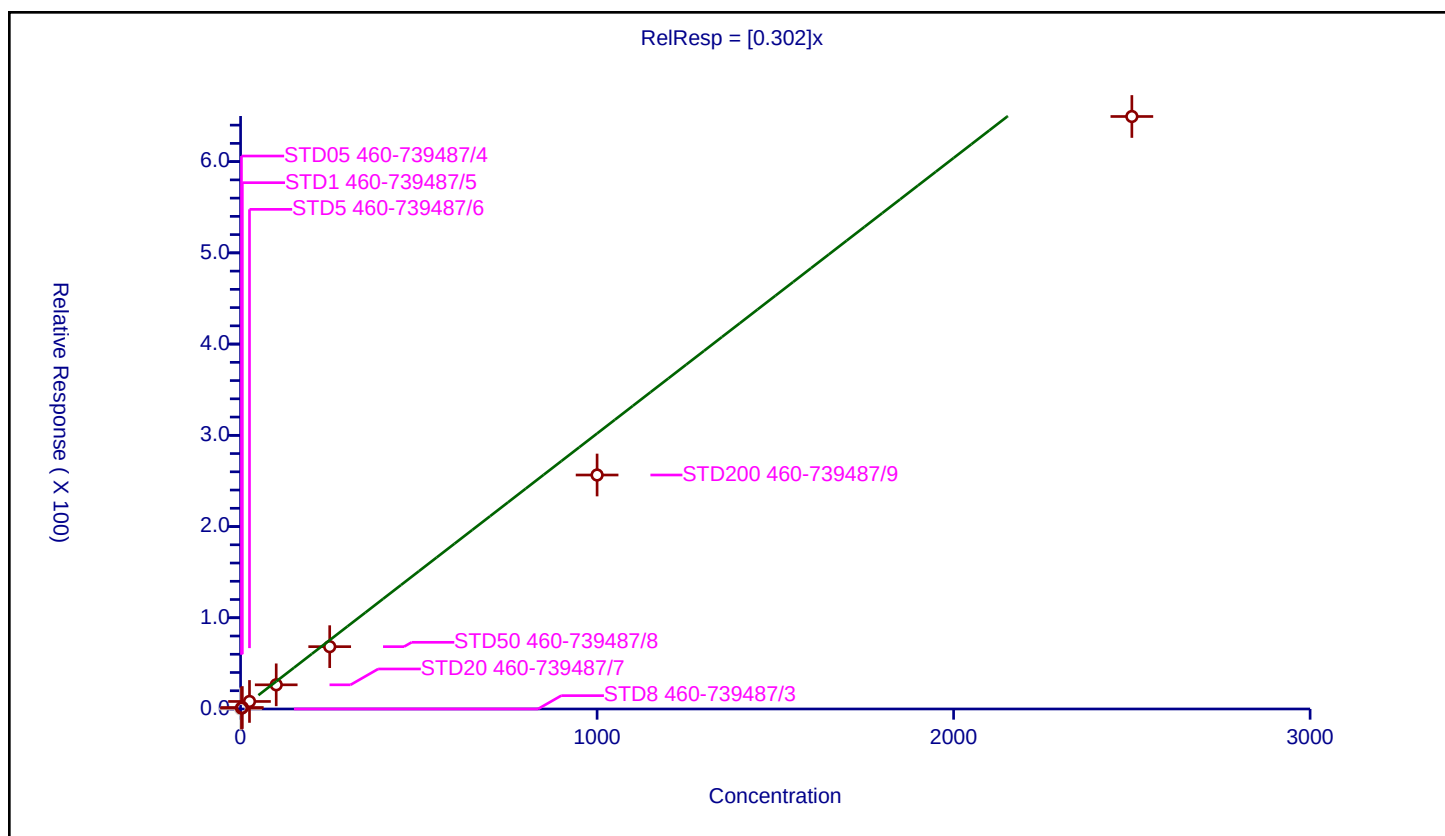
Curve Coefficients

Intercept: 0
Slope: 0.302

Error Coefficients

Standard Error: 307000
Relative Standard Error: 18.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	2.5	1.019921	250.0	318407.0	0.407968	Y
3	STD1 460-739487/5	5.0	1.604356	250.0	319287.0	0.320871	Y
4	STD5 460-739487/6	25.0	8.267116	250.0	353509.0	0.330685	Y
5	STD20 460-739487/7	100.0	26.493258	250.0	315920.0	0.264933	Y
6	STD50 460-739487/8	250.0	68.314831	250.0	304824.0	0.273259	Y
7	STD200 460-739487/9	1000.0	256.481217	250.0	290879.0	0.256481	Y
8	STD500 460-739487/10	2500.0	649.467519	250.0	264141.0	0.259787	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

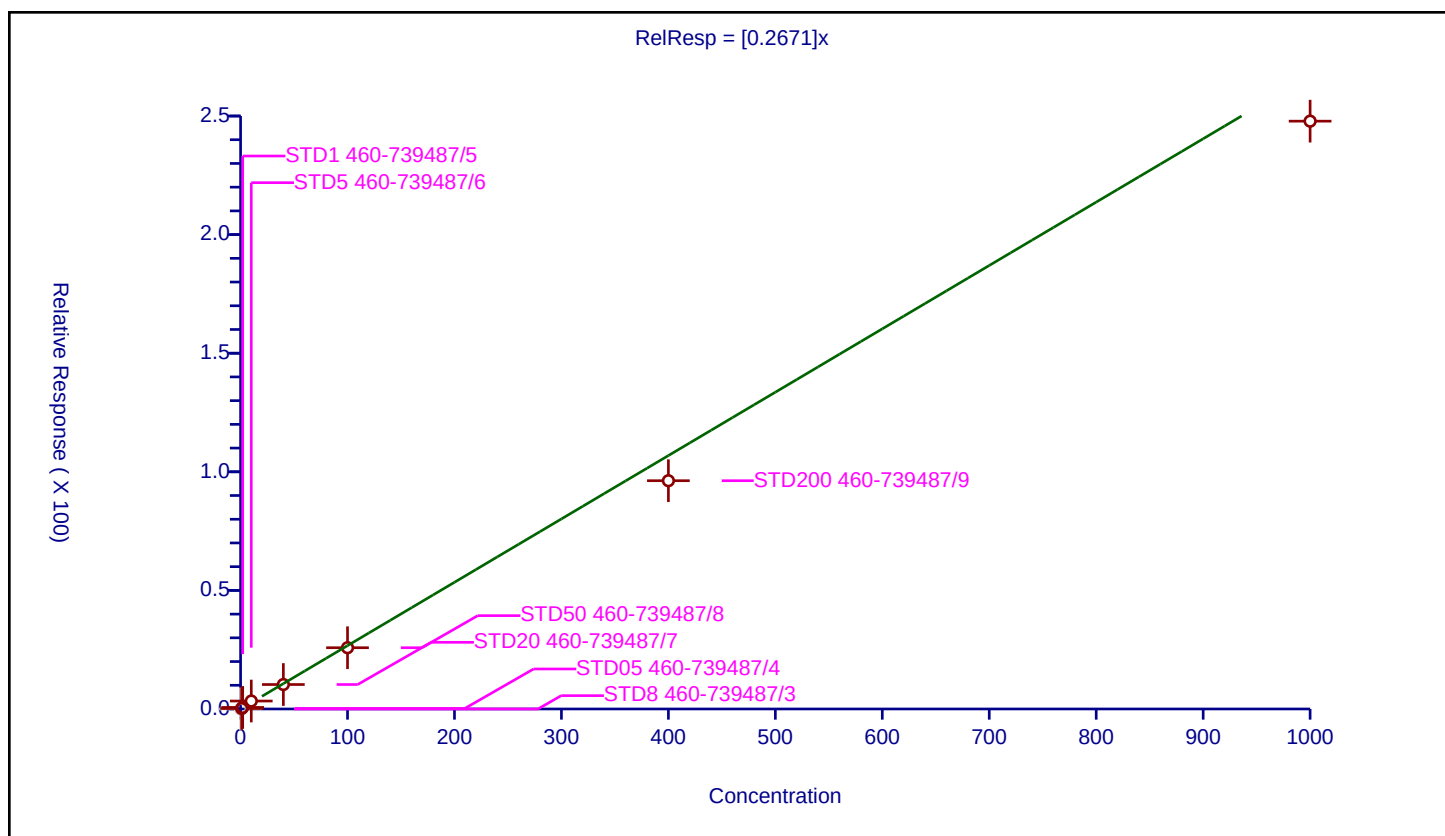
Curve Coefficients

Intercept: 0
 Slope: 0.2671

Error Coefficients

Standard Error: 117000
 Relative Standard Error: 18.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	1.0	0.200215	250.0	318407.0	0.200215	Y
3	STD1 460-739487/5	2.0	0.657715	250.0	319287.0	0.328858	Y
4	STD5 460-739487/6	10.0	3.359886	250.0	353509.0	0.335989	Y
5	STD20 460-739487/7	40.0	10.320651	250.0	315920.0	0.258016	Y
6	STD50 460-739487/8	100.0	25.831299	250.0	304824.0	0.258313	Y
7	STD200 460-739487/9	400.0	96.241049	250.0	290879.0	0.240603	Y
8	STD500 460-739487/10	1000.0	247.830704	250.0	264141.0	0.247831	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

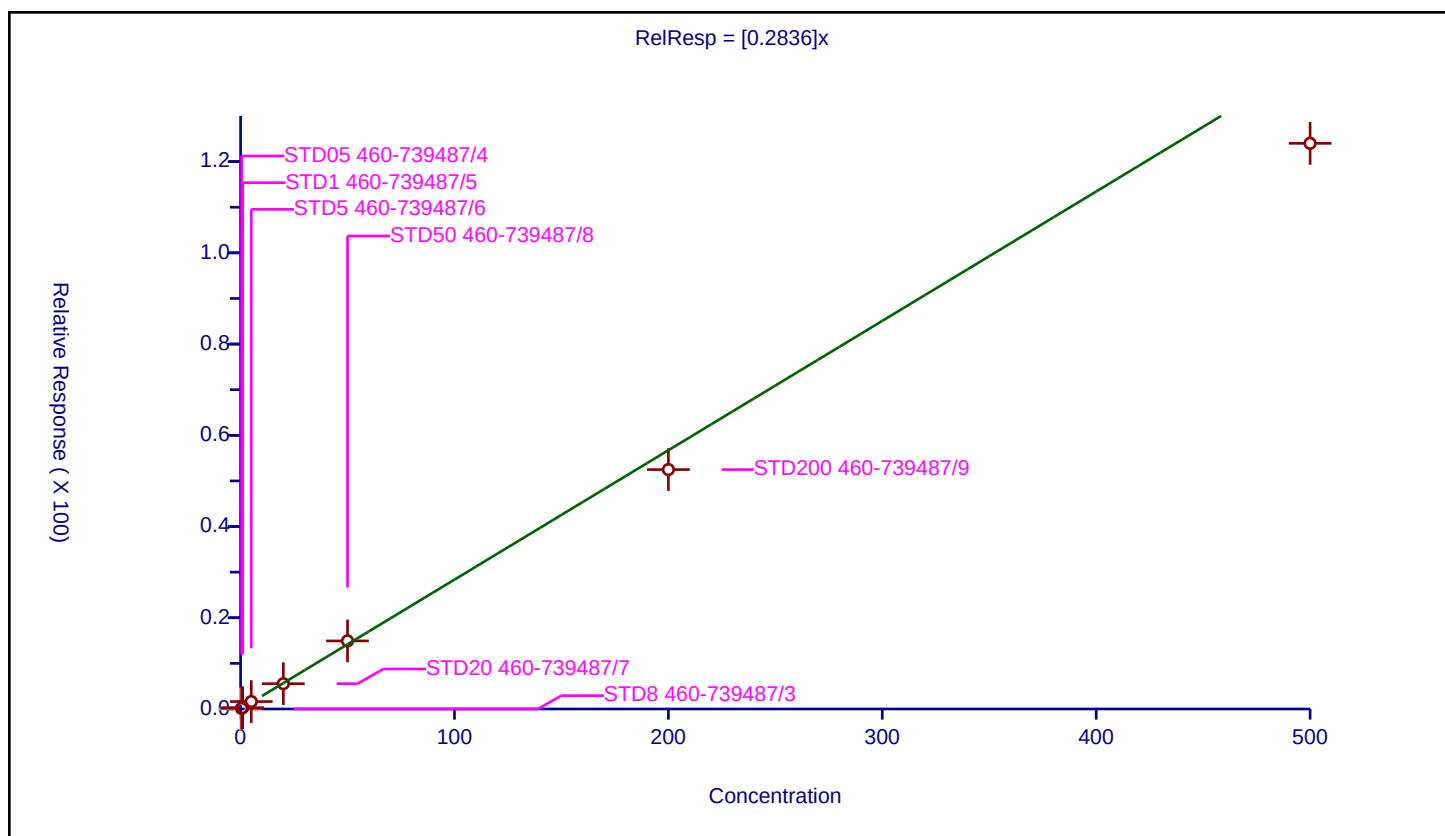
Curve Coefficients

Intercept: 0
Slope: 0.2836

Error Coefficients

Standard Error: 469000
Relative Standard Error: 8.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.141942	50.0	503023.0	0.283884	Y
3	STD1 460-739487/5	1.0	0.289522	50.0	506006.0	0.289522	Y
4	STD5 460-739487/6	5.0	1.628479	50.0	524477.0	0.325696	Y
5	STD20 460-739487/7	20.0	5.547223	50.0	476698.0	0.277361	Y
6	STD50 460-739487/8	50.0	14.92137	50.0	446839.0	0.298427	Y
7	STD200 460-739487/9	200.0	52.487056	50.0	432258.0	0.262435	Y
8	STD500 460-739487/10	500.0	124.015687	50.0	421614.0	0.248031	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

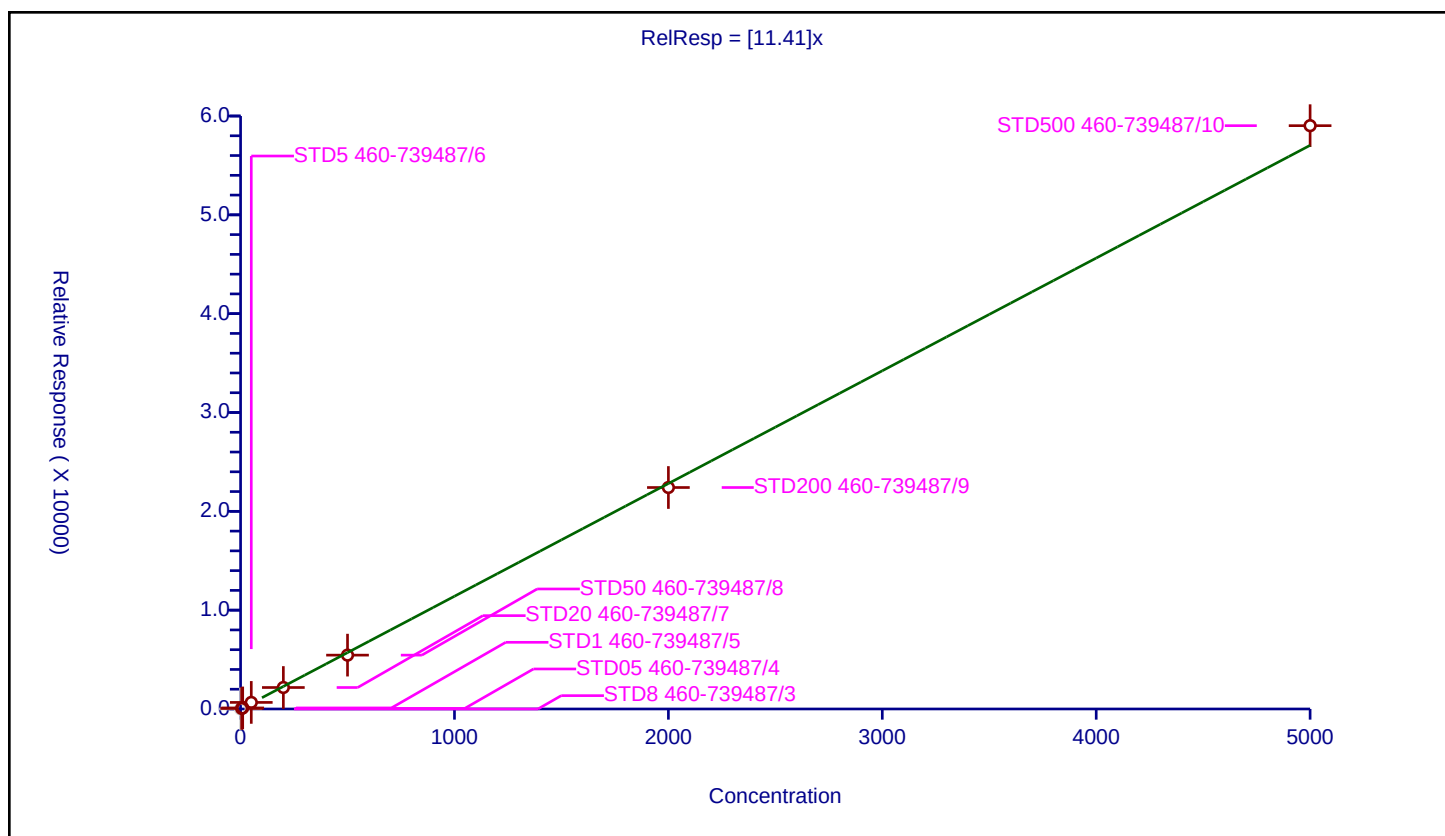
Curve Coefficients

Intercept: 0
Slope: 11.41

Error Coefficients

Standard Error: 845000
Relative Standard Error: 8.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	5.0	55.218871	1000.0	42902.0	11.043774	Y
3	STD1 460-739487/5	10.0	107.183031	1000.0	43561.0	10.718303	Y
4	STD5 460-739487/6	50.0	665.555926	1000.0	45015.0	13.311119	Y
5	STD20 460-739487/7	200.0	2173.499439	1000.0	42784.0	10.867497	Y
6	STD50 460-739487/8	500.0	5448.66061	1000.0	42930.0	10.897321	Y
7	STD200 460-739487/9	2000.0	22410.36009	1000.0	36602.0	11.20518	Y
8	STD500 460-739487/10	5000.0	59023.391636	1000.0	33046.0	11.804678	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

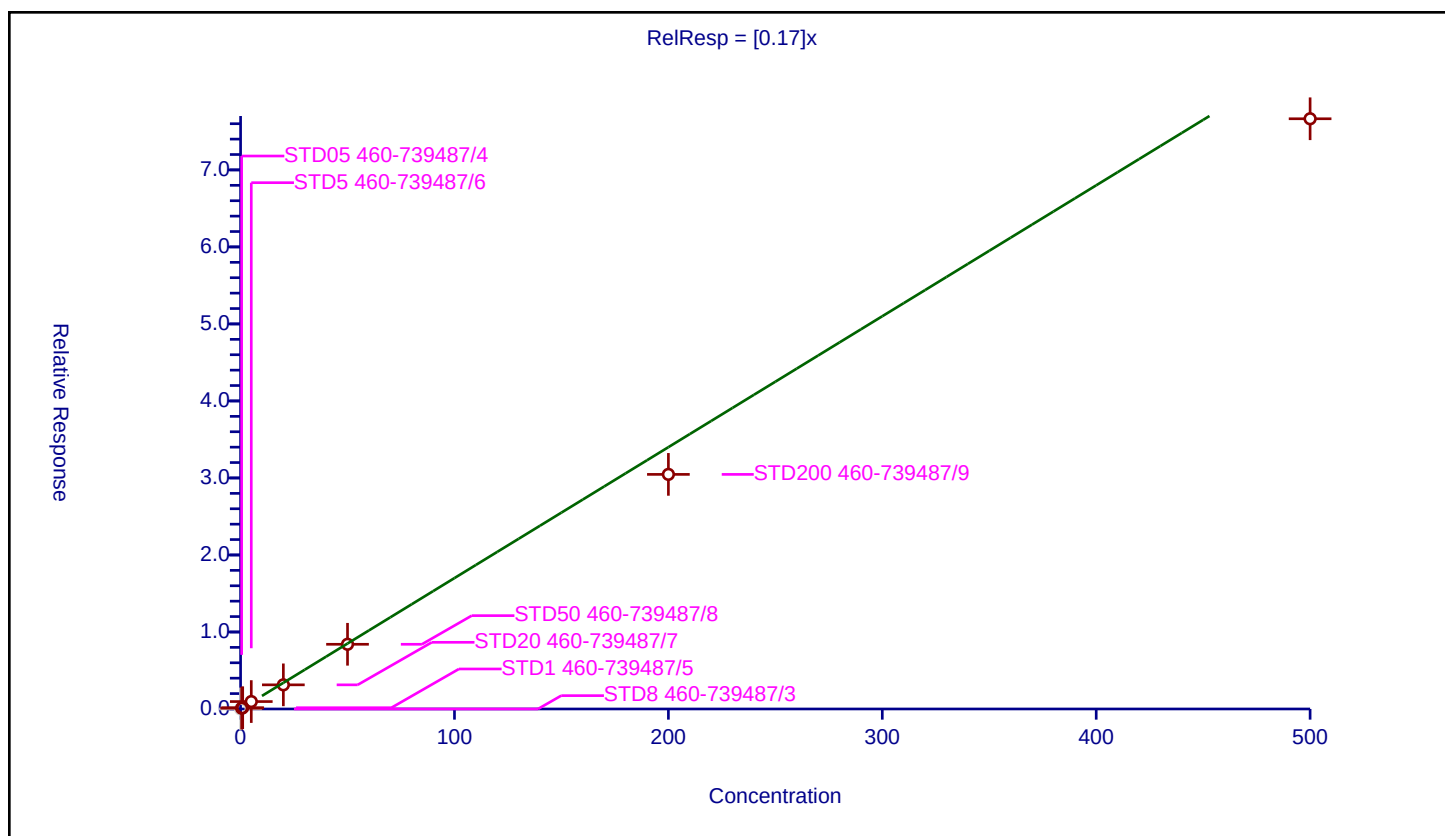
Curve Coefficients

Intercept: 0
Slope: 0.17

Error Coefficients

Standard Error: 287000
Relative Standard Error: 11.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.101288	50.0	503023.0	0.202575	Y
3	STD1 460-739487/5	1.0	0.16403	50.0	506006.0	0.16403	Y
4	STD5 460-739487/6	5.0	0.964771	50.0	524477.0	0.192954	Y
5	STD20 460-739487/7	20.0	3.135213	50.0	476698.0	0.156761	Y
6	STD50 460-739487/8	50.0	8.403138	50.0	446839.0	0.168063	Y
7	STD200 460-739487/9	200.0	30.465023	50.0	432258.0	0.152325	Y
8	STD500 460-739487/10	500.0	76.644158	50.0	421614.0	0.153288	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

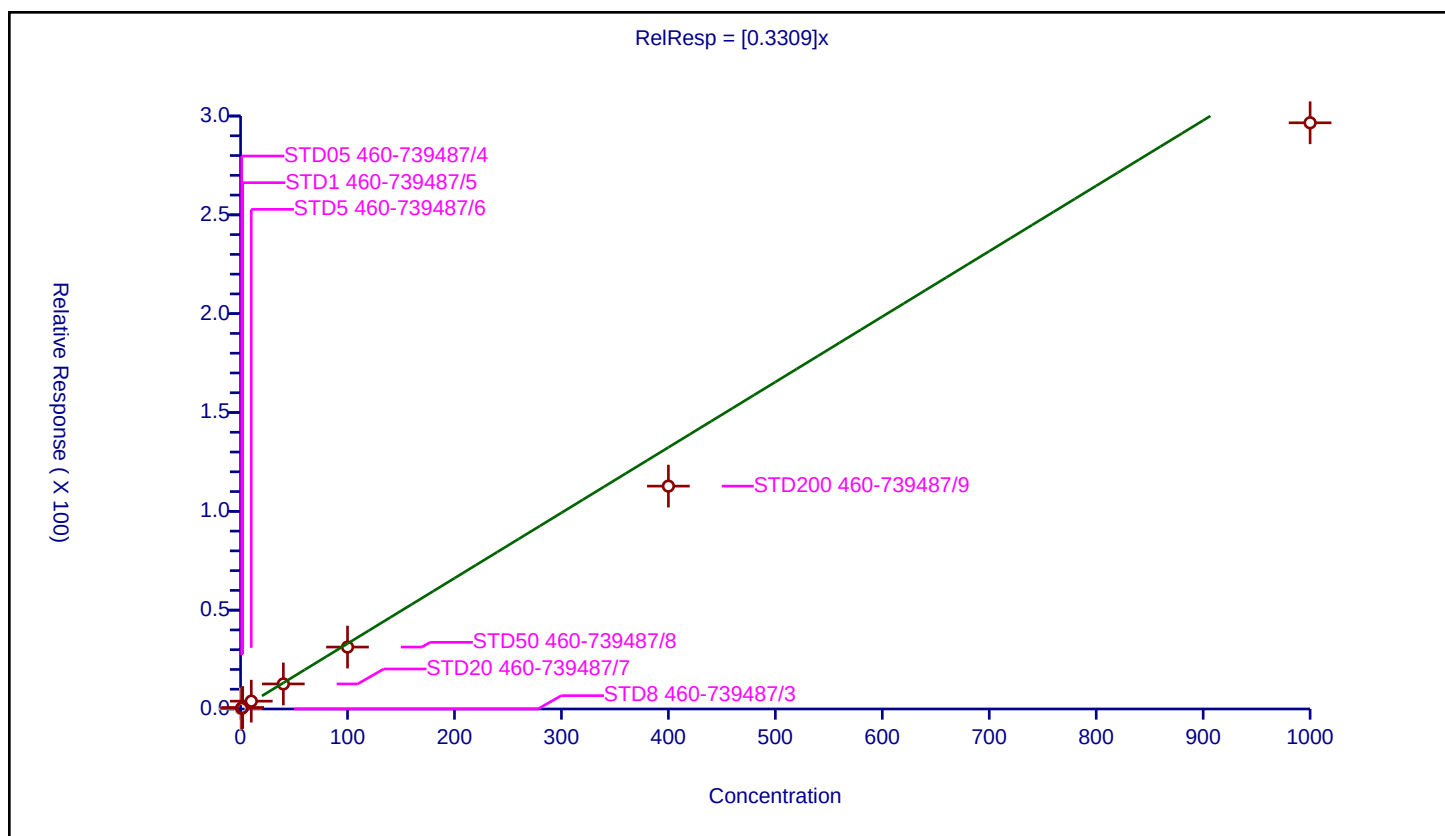
Curve Coefficients

Intercept: 0
 Slope: 0.3309

Error Coefficients

Standard Error: 140000
 Relative Standard Error: 12.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	1.0	0.331337	250.0	318407.0	0.331337	Y
3	STD1 460-739487/5	2.0	0.759505	250.0	319287.0	0.379752	Y
4	STD5 460-739487/6	10.0	3.963831	250.0	353509.0	0.396383	Y
5	STD20 460-739487/7	40.0	12.671721	250.0	315920.0	0.316793	Y
6	STD50 460-739487/8	100.0	31.329554	250.0	304824.0	0.313296	Y
7	STD200 460-739487/9	400.0	112.748772	250.0	290879.0	0.281872	Y
8	STD500 460-739487/10	1000.0	296.579289	250.0	264141.0	0.296579	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

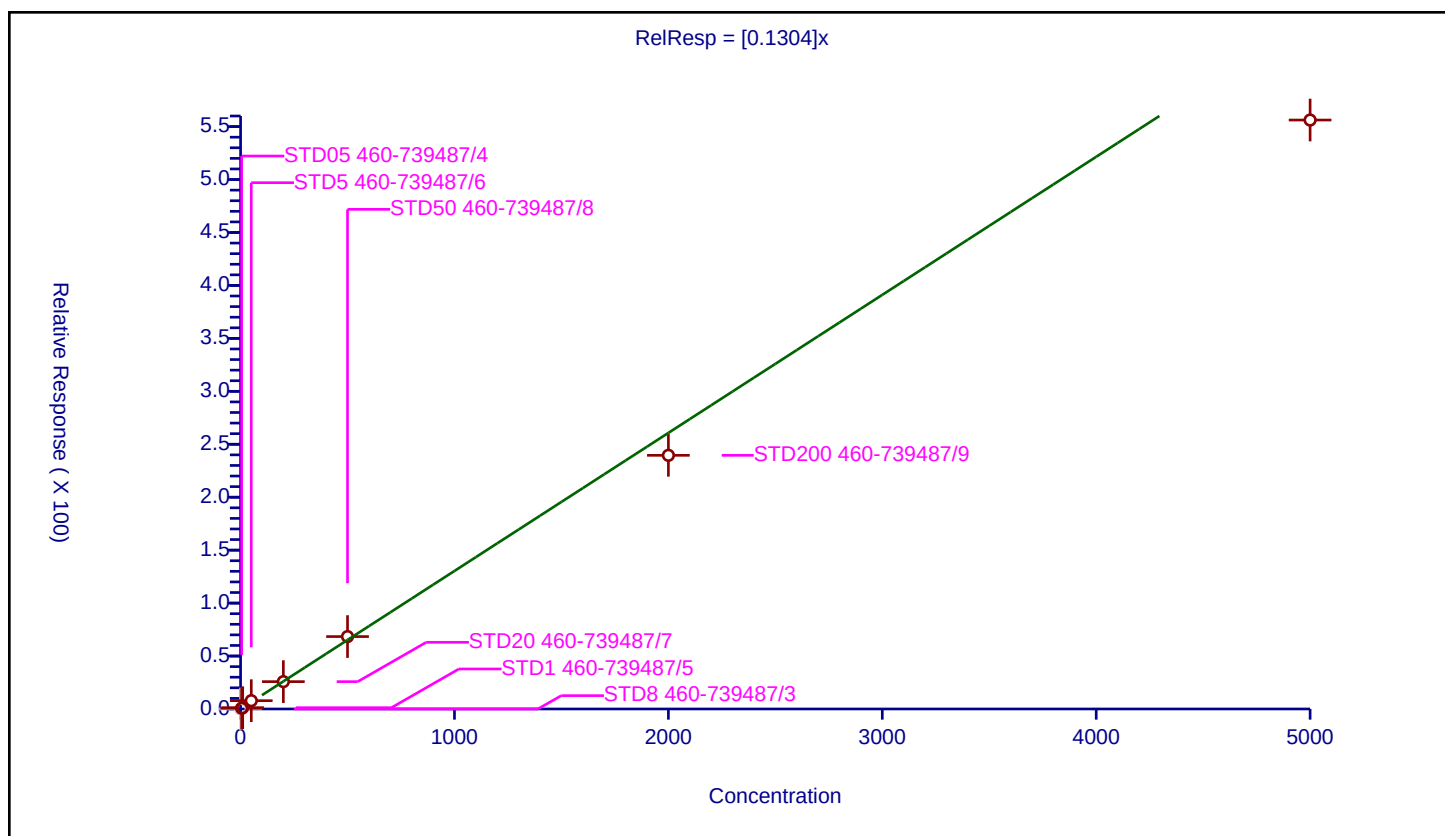
Curve Coefficients

Intercept: 0
 Slope: 0.1304

Error Coefficients

Standard Error: 2110000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	5.0	0.682971	50.0	503023.0	0.136594	Y
3	STD1 460-739487/5	10.0	1.219748	50.0	506006.0	0.121975	Y
4	STD5 460-739487/6	50.0	7.85411	50.0	524477.0	0.157082	Y
5	STD20 460-739487/7	200.0	25.833547	50.0	476698.0	0.129168	Y
6	STD50 460-739487/8	500.0	68.381117	50.0	446839.0	0.136762	Y
7	STD200 460-739487/9	2000.0	239.553345	50.0	432258.0	0.119777	Y
8	STD500 460-739487/10	5000.0	556.18682	50.0	421614.0	0.111237	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

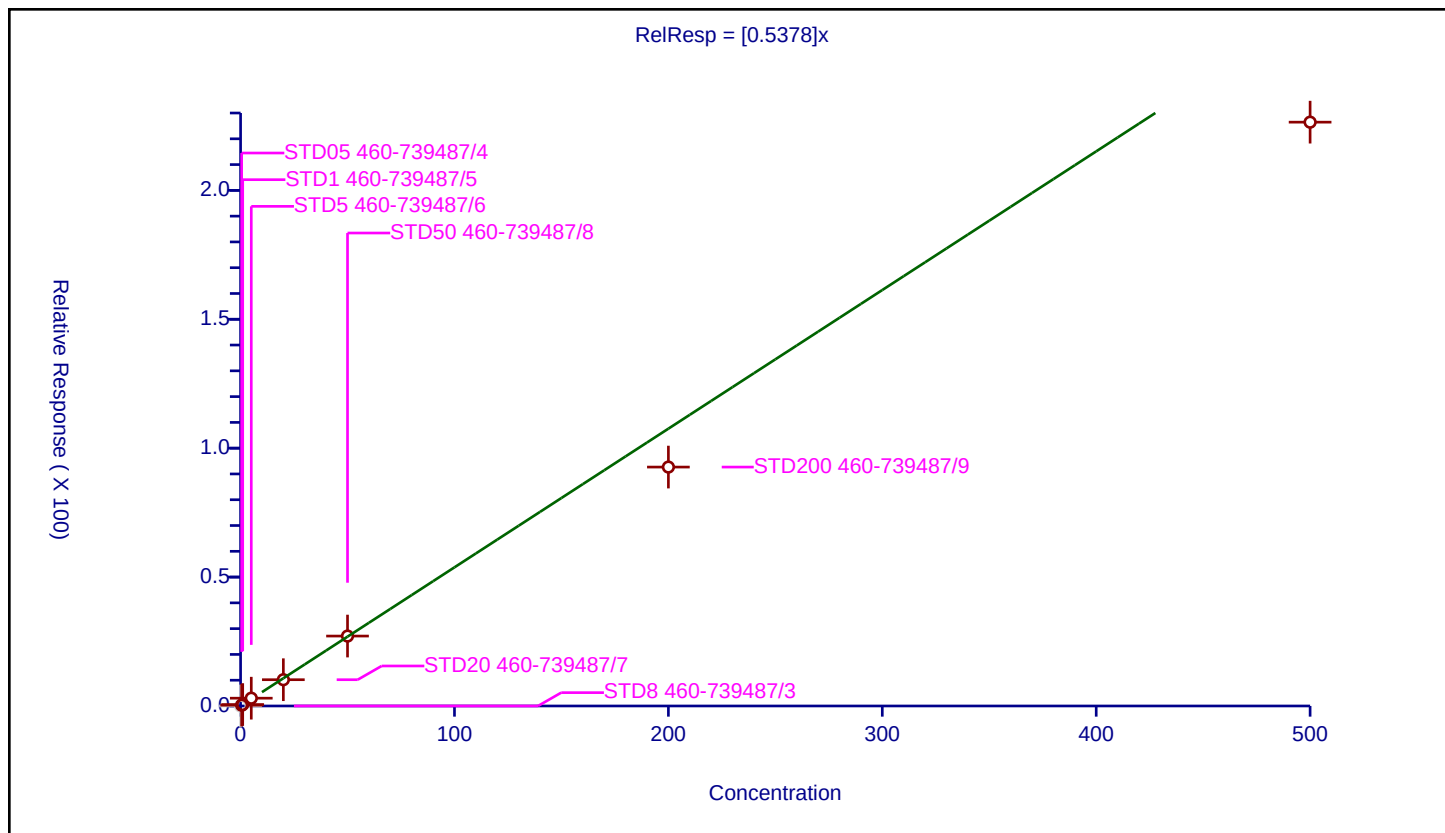
Curve Coefficients

Intercept: 0
Slope: 0.5378

Error Coefficients

Standard Error: 852000
Relative Standard Error: 12.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.319767	50.0	503023.0	0.639533	Y
3	STD1 460-739487/5	1.0	0.550982	50.0	506006.0	0.550982	Y
4	STD5 460-739487/6	5.0	3.02978	50.0	524477.0	0.605956	Y
5	STD20 460-739487/7	20.0	10.18947	50.0	476698.0	0.509474	Y
6	STD50 460-739487/8	50.0	27.124087	50.0	446839.0	0.542482	Y
7	STD200 460-739487/9	200.0	92.675671	50.0	432258.0	0.463378	Y
8	STD500 460-739487/10	500.0	226.448481	50.0	421614.0	0.452897	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

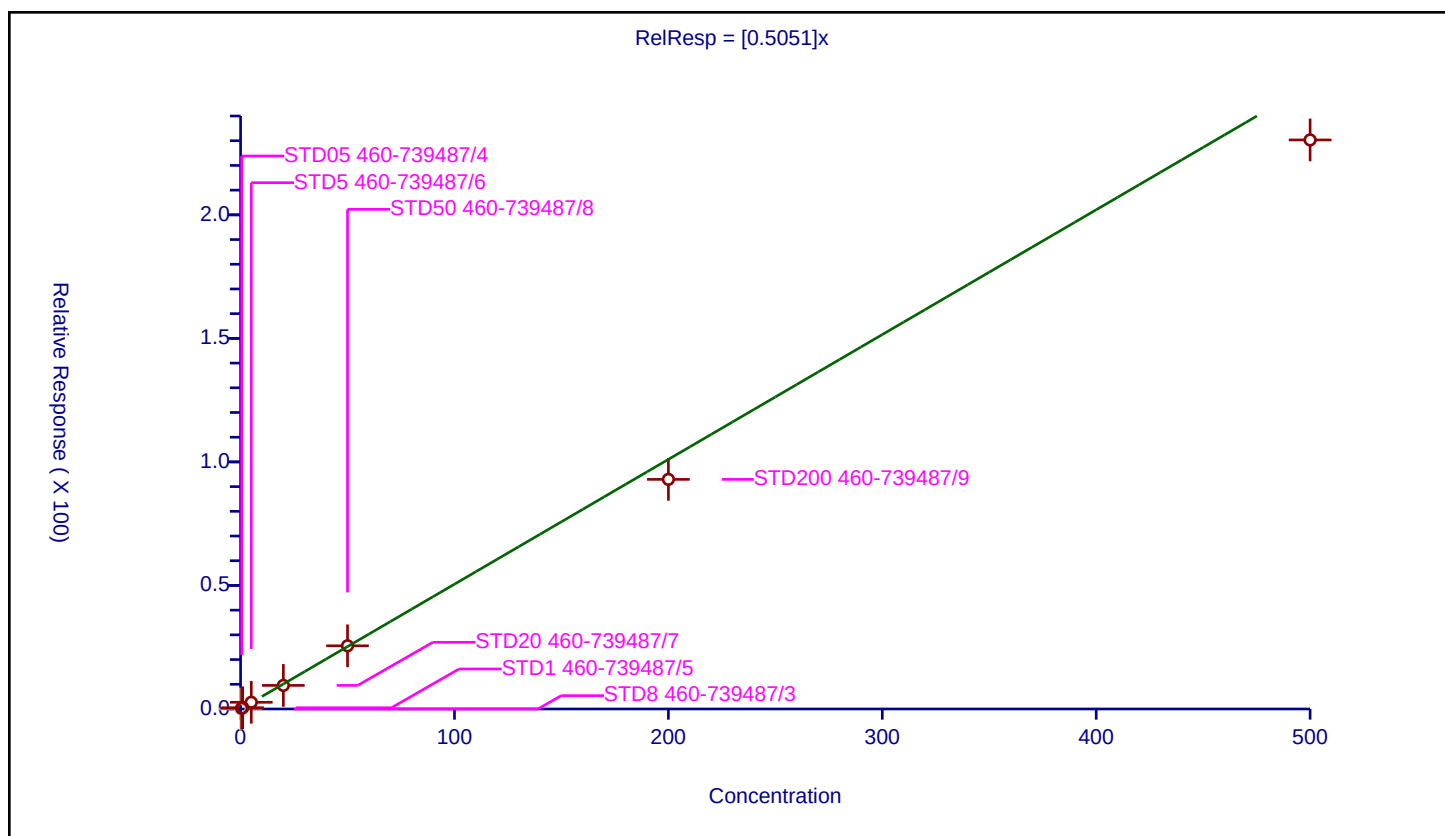
Curve Coefficients

Intercept: 0
Slope: 0.5051

Error Coefficients

Standard Error: 864000
Relative Standard Error: 8.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.291836	50.0	503023.0	0.583671	Y
3	STD1 460-739487/5	1.0	0.495053	50.0	506006.0	0.495053	Y
4	STD5 460-739487/6	5.0	2.71623	50.0	524477.0	0.543246	Y
5	STD20 460-739487/7	20.0	9.543673	50.0	476698.0	0.477184	Y
6	STD50 460-739487/8	50.0	25.573193	50.0	446839.0	0.511464	Y
7	STD200 460-739487/9	200.0	92.936626	50.0	432258.0	0.464683	Y
8	STD500 460-739487/10	500.0	230.322878	50.0	421614.0	0.460646	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

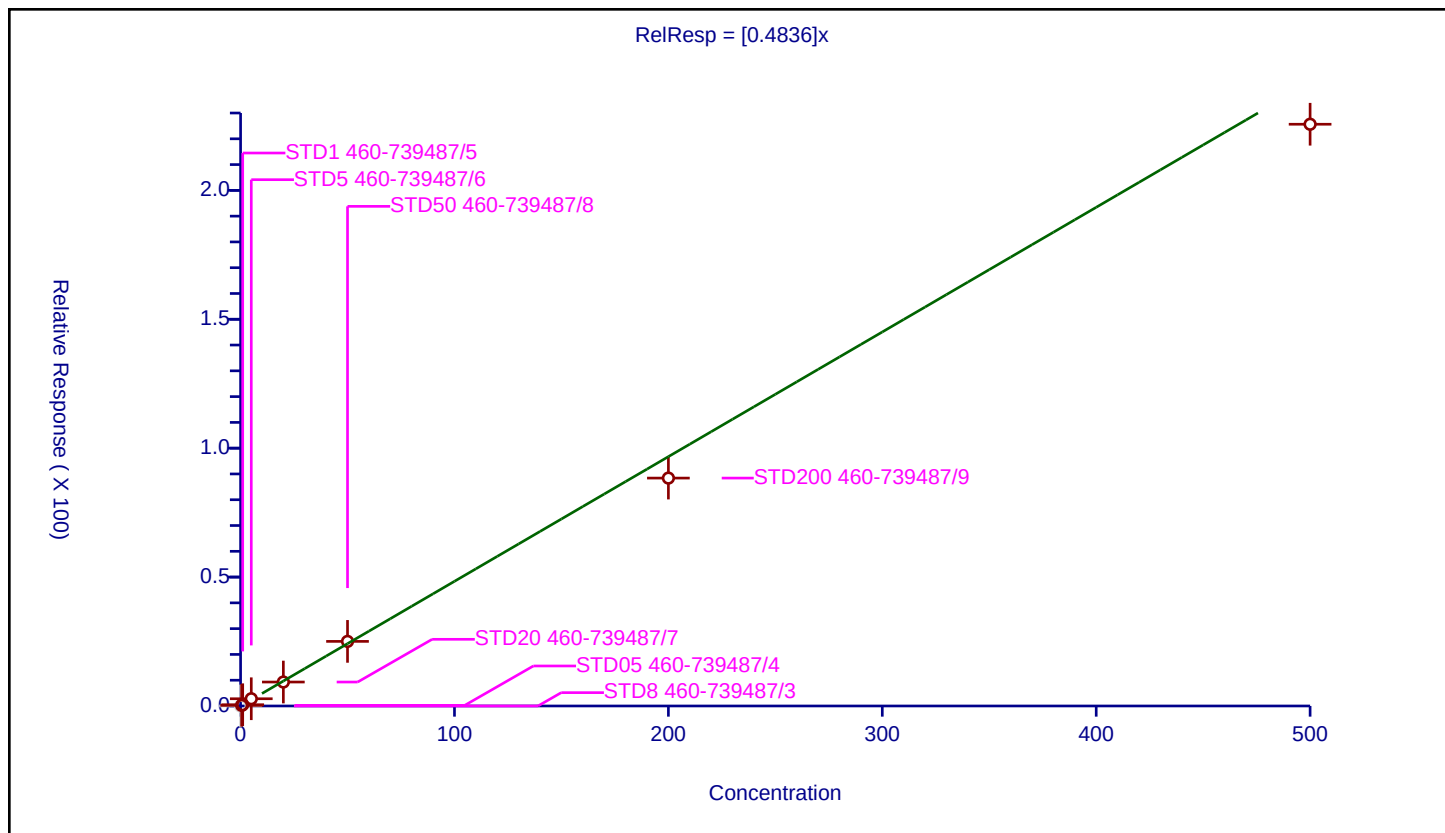
Curve Coefficients

Intercept: 0
 Slope: 0.4836

Error Coefficients

Standard Error: 843000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.238458	50.0	503023.0	0.476917	Y
3	STD1 460-739487/5	1.0	0.487741	50.0	506006.0	0.487741	Y
4	STD5 460-739487/6	5.0	2.805747	50.0	524477.0	0.561149	Y
5	STD20 460-739487/7	20.0	9.295927	50.0	476698.0	0.464796	Y
6	STD50 460-739487/8	50.0	25.057012	50.0	446839.0	0.50114	Y
7	STD200 460-739487/9	200.0	88.39686	50.0	432258.0	0.441984	Y
8	STD500 460-739487/10	500.0	225.649646	50.0	421614.0	0.451299	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

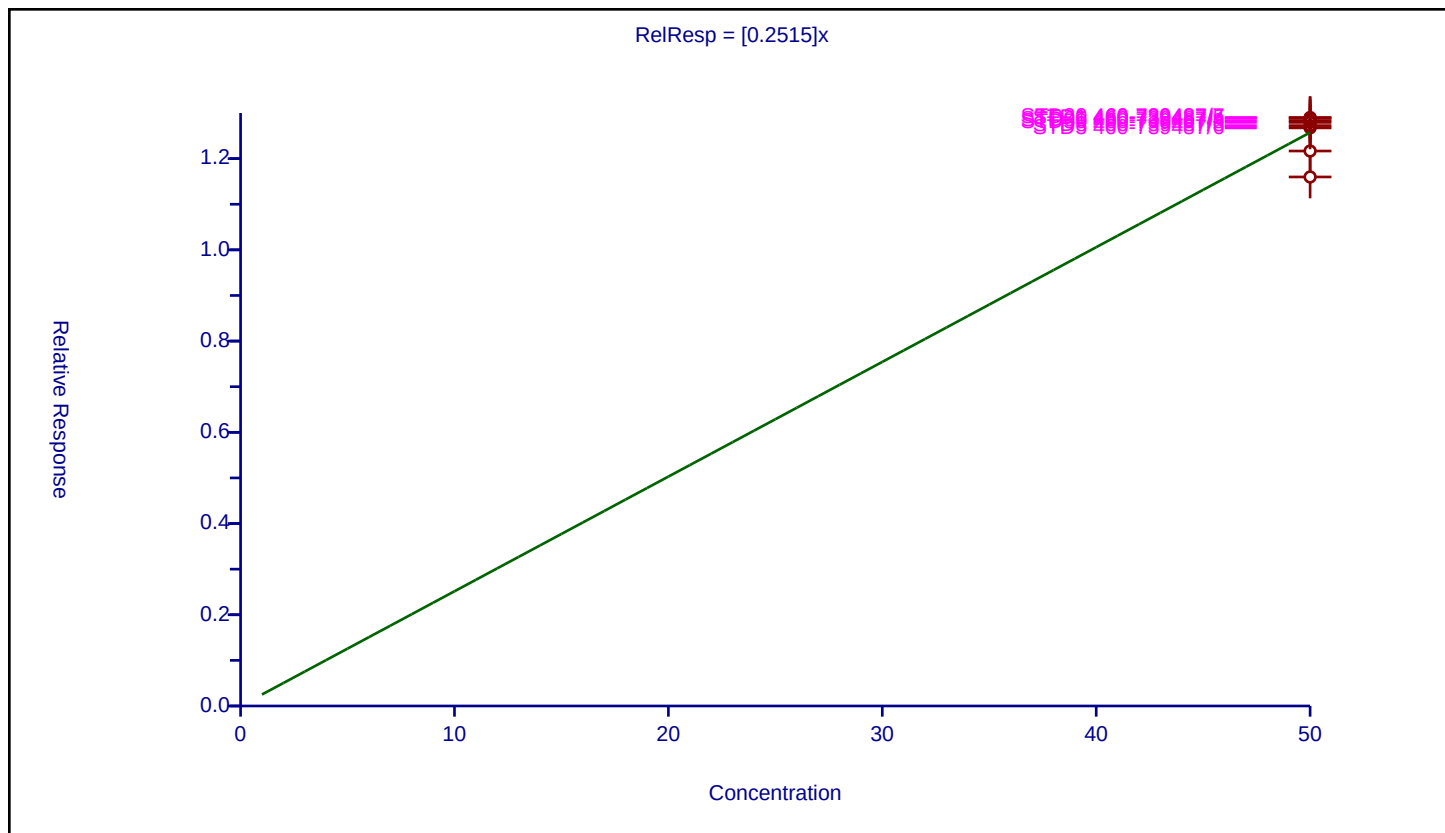
Curve Coefficients

Intercept: 0
Slope: 0.2515

Error Coefficients

Standard Error: 129000
Relative Standard Error: 3.6
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	50.0	12.72414	50.0	506435.0	0.254483	Y
2	STD05 460-739487/4	50.0	12.834503	50.0	503023.0	0.25669	Y
3	STD1 460-739487/5	50.0	12.887989	50.0	506006.0	0.25776	Y
4	STD5 460-739487/6	50.0	12.673864	50.0	524477.0	0.253477	Y
5	STD20 460-739487/7	50.0	12.902509	50.0	476698.0	0.25805	Y
6	STD50 460-739487/8	50.0	12.793534	50.0	446839.0	0.255871	Y
7	STD200 460-739487/9	50.0	12.167039	50.0	432258.0	0.243341	Y
8	STD500 460-739487/10	50.0	11.597812	50.0	421614.0	0.231956	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

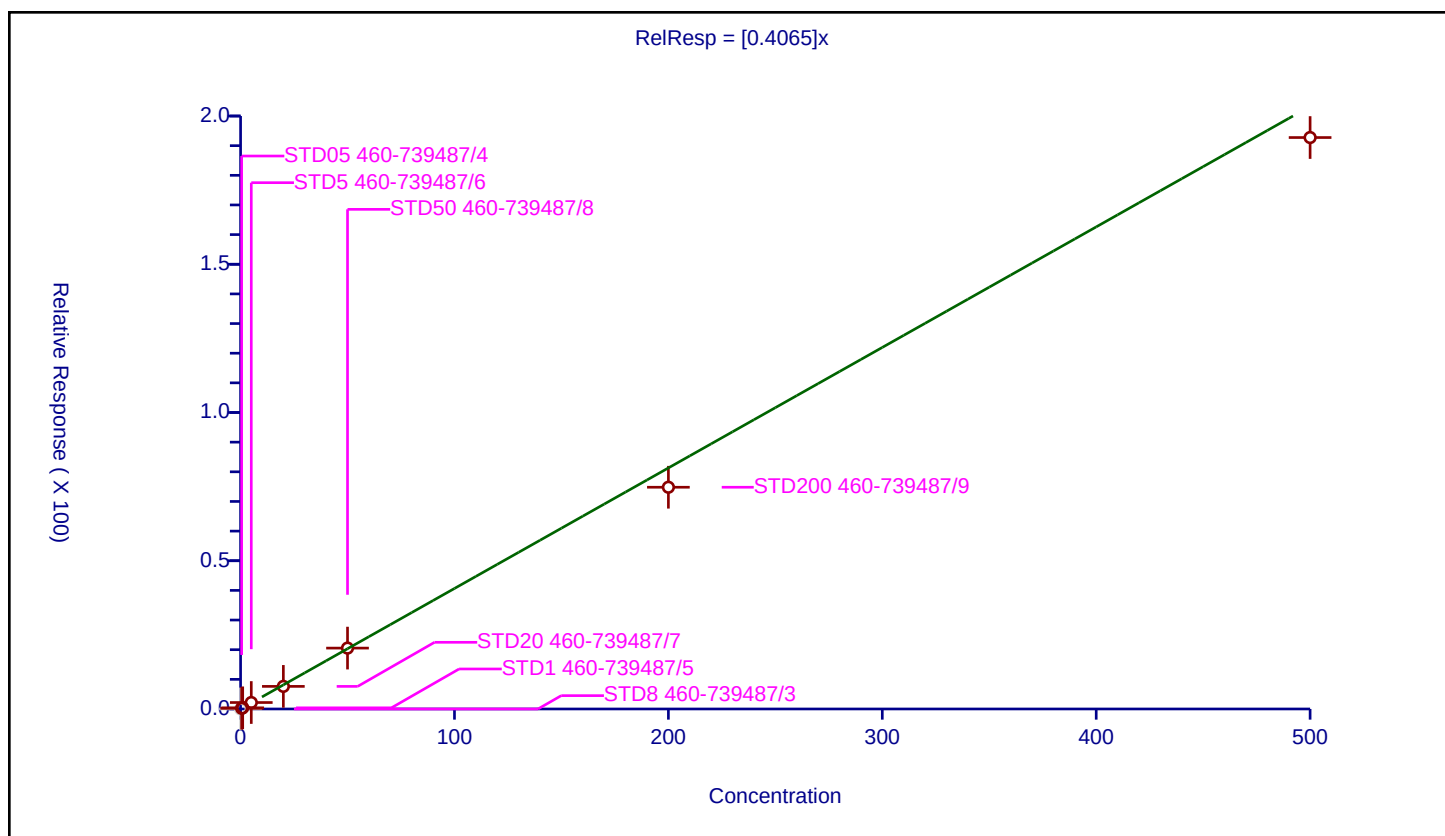
Curve Coefficients

Intercept: 0
 Slope: 0.4065

Error Coefficients

Standard Error: 719000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.232296	50.0	503023.0	0.464591	Y
3	STD1 460-739487/5	1.0	0.393869	50.0	506006.0	0.393869	Y
4	STD5 460-739487/6	5.0	2.179409	50.0	524477.0	0.435882	Y
5	STD20 460-739487/7	20.0	7.619394	50.0	476698.0	0.38097	Y
6	STD50 460-739487/8	50.0	20.540732	50.0	446839.0	0.410815	Y
7	STD200 460-739487/9	200.0	74.787164	50.0	432258.0	0.373936	Y
8	STD500 460-739487/10	500.0	192.737433	50.0	421614.0	0.385475	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

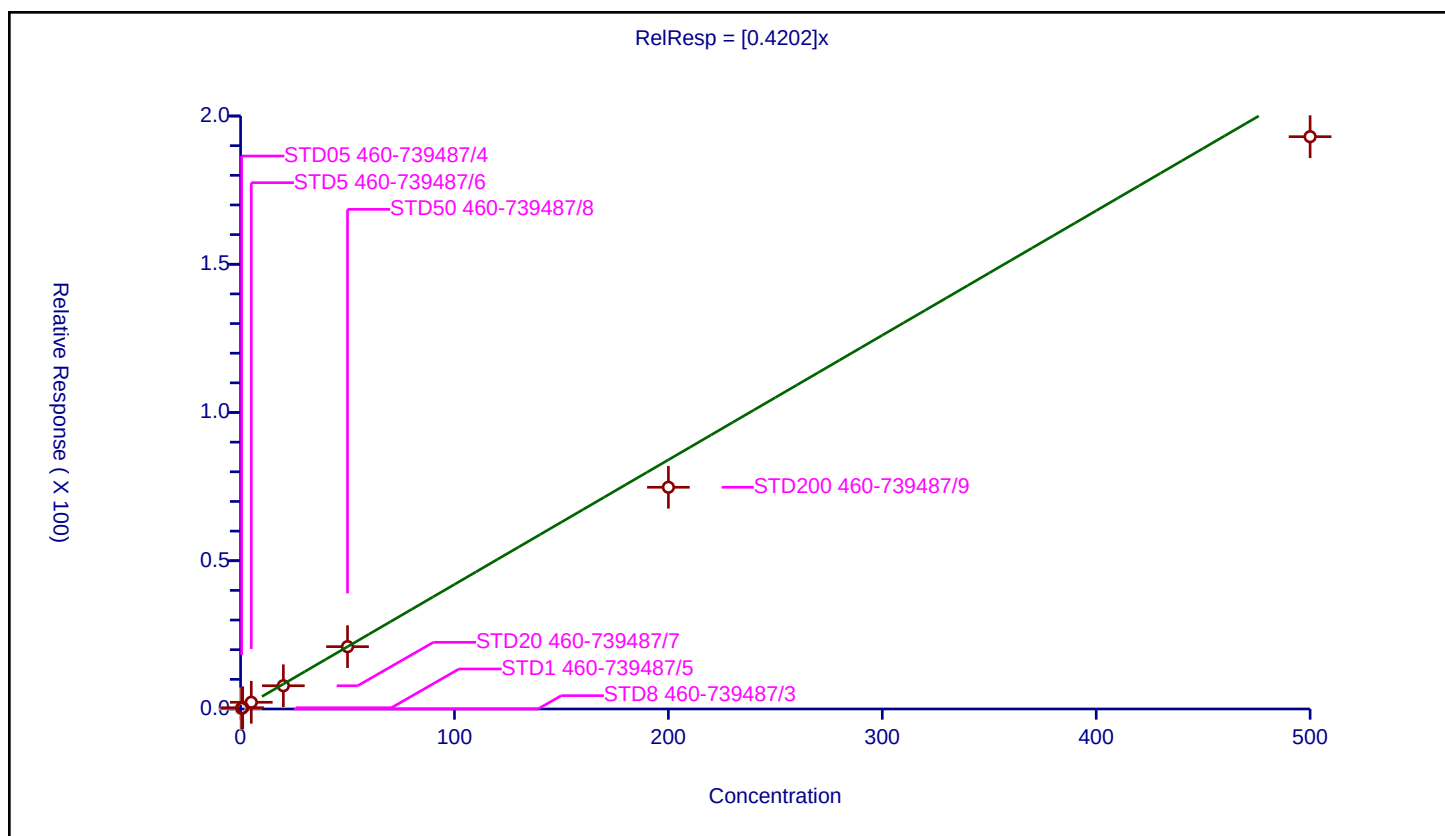
Curve Coefficients

Intercept: 0
Slope: 0.4202

Error Coefficients

Standard Error: 720000
Relative Standard Error: 10.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.250187	50.0	503023.0	0.500375	Y
3	STD1 460-739487/5	1.0	0.416991	50.0	506006.0	0.416991	Y
4	STD5 460-739487/6	5.0	2.257678	50.0	524477.0	0.451536	Y
5	STD20 460-739487/7	20.0	7.837772	50.0	476698.0	0.391889	Y
6	STD50 460-739487/8	50.0	21.02726	50.0	446839.0	0.420545	Y
7	STD200 460-739487/9	200.0	74.784504	50.0	432258.0	0.373923	Y
8	STD500 460-739487/10	500.0	193.025255	50.0	421614.0	0.386051	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

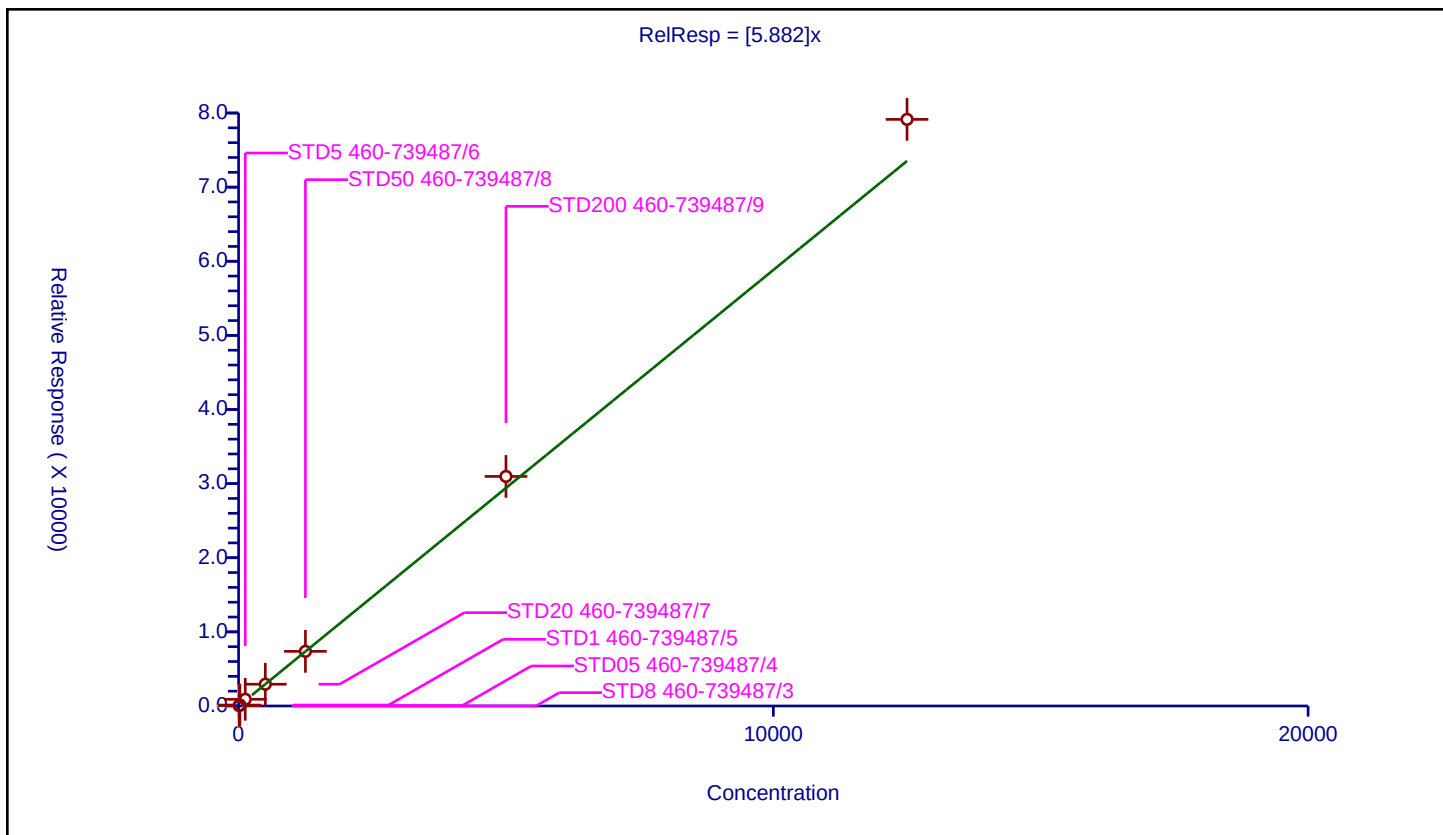
Curve Coefficients

Intercept: 0
 Slope: 5.882

Error Coefficients

Standard Error: 1140000
 Relative Standard Error: 14.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	12.5	56.757261	1000.0	42902.0	4.540581	Y
3	STD1 460-739487/5	25.0	127.705976	1000.0	43561.0	5.108239	Y
4	STD5 460-739487/6	125.0	904.409641	1000.0	45015.0	7.235277	Y
5	STD20 460-739487/7	500.0	2936.378085	1000.0	42784.0	5.872756	Y
6	STD50 460-739487/8	1250.0	7368.879571	1000.0	42930.0	5.895104	Y
7	STD200 460-739487/9	5000.0	30969.564505	1000.0	36602.0	6.193913	Y
8	STD500 460-739487/10	12500.0	79141.015554	1000.0	33046.0	6.331281	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

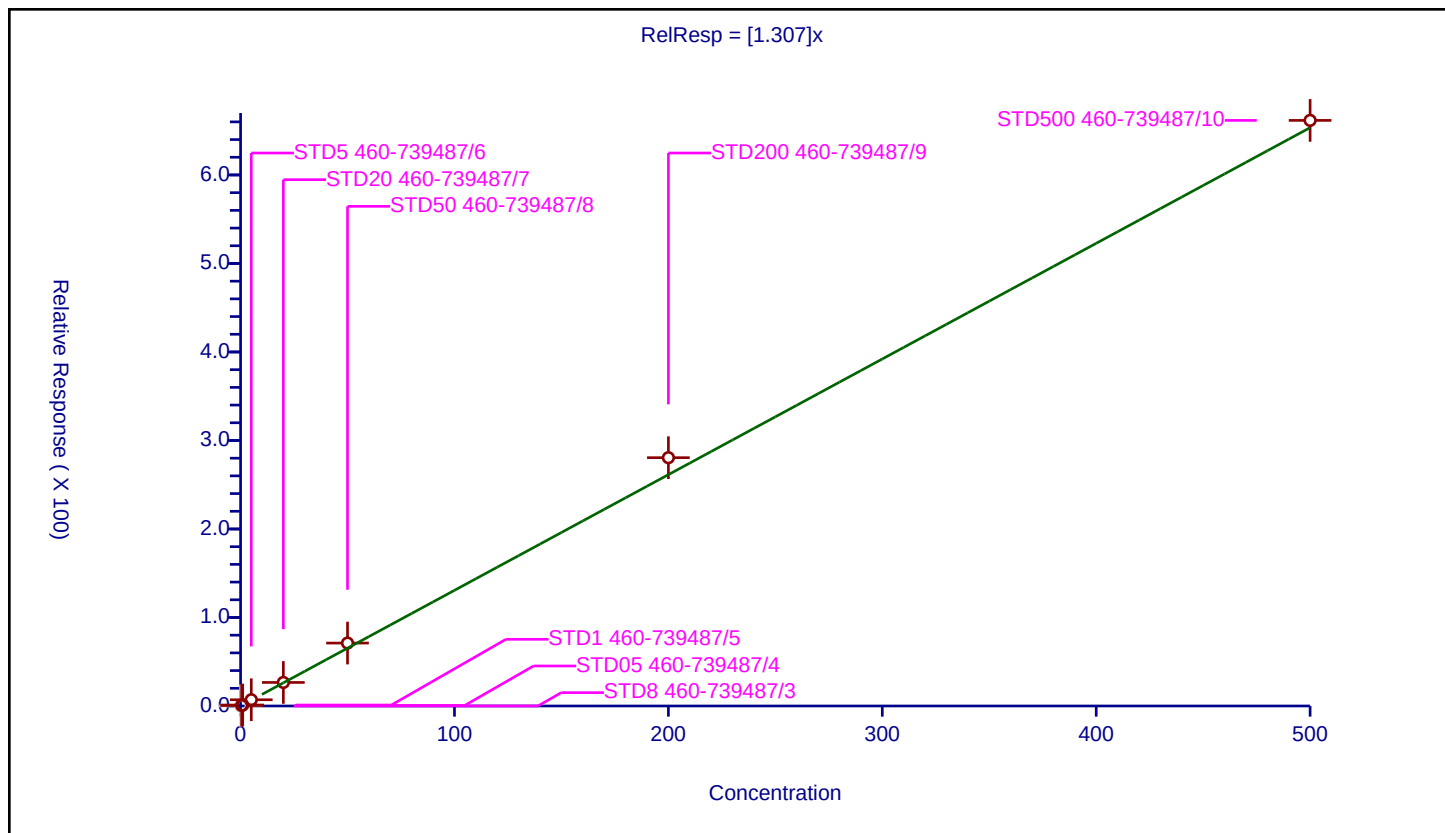
Curve Coefficients

Intercept: 0
Slope: 1.307

Error Coefficients

Standard Error: 2500000
Relative Standard Error: 9.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.583671	50.0	503023.0	1.167342	Y
3	STD1 460-739487/5	1.0	1.09811	50.0	506006.0	1.09811	Y
4	STD5 460-739487/6	5.0	7.027954	50.0	524477.0	1.405591	Y
5	STD20 460-739487/7	20.0	26.593042	50.0	476698.0	1.329652	Y
6	STD50 460-739487/8	50.0	71.086678	50.0	446839.0	1.421734	Y
7	STD200 460-739487/9	200.0	280.556519	50.0	432258.0	1.402783	Y
8	STD500 460-739487/10	500.0	661.661733	50.0	421614.0	1.323323	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

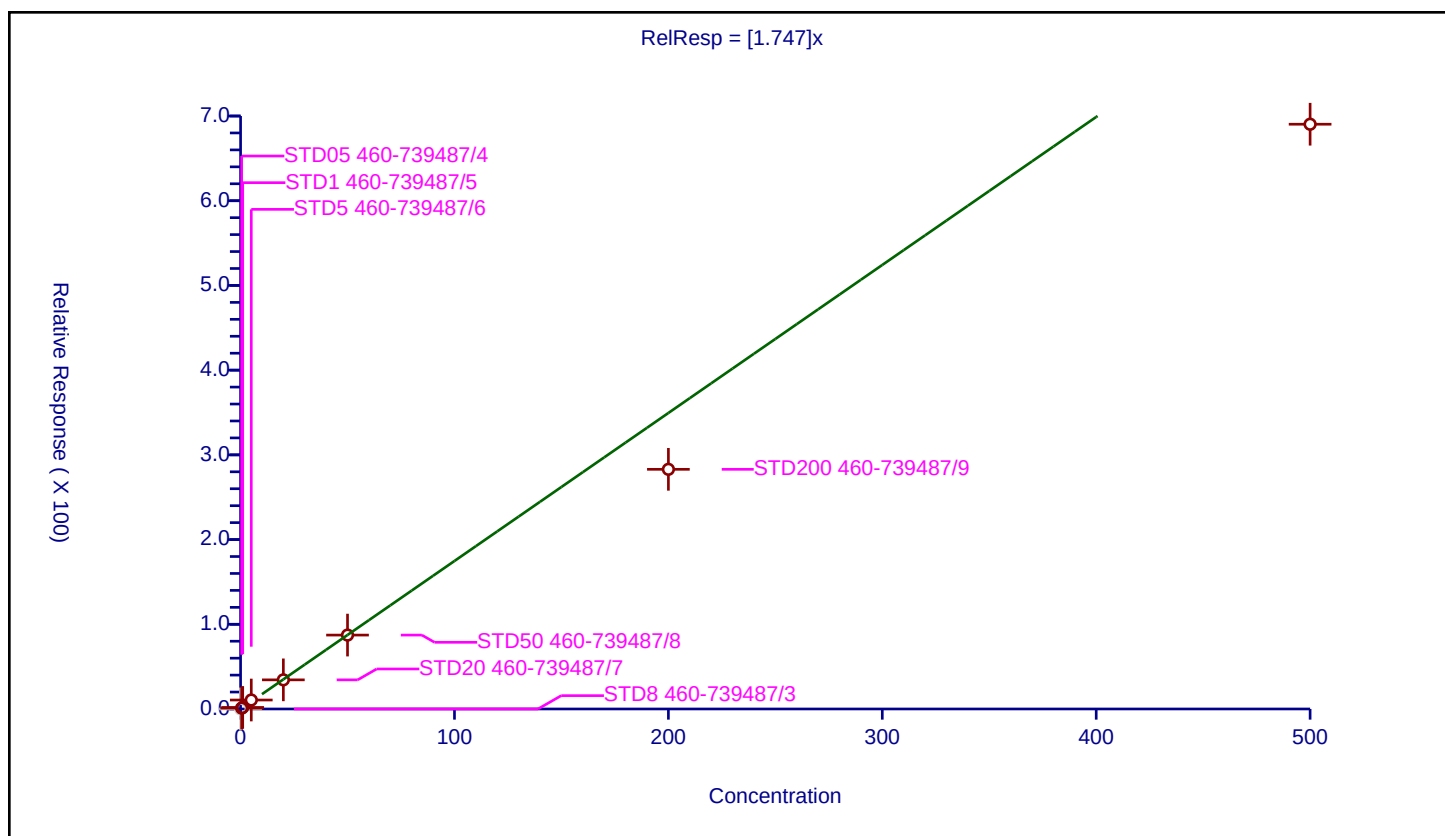
Curve Coefficients

Intercept: 0
Slope: 1.747

Error Coefficients

Standard Error: 2070000
Relative Standard Error: 16.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	1.02525	50.0	325189.0	2.0505	Y
3	STD1 460-739487/5	1.0	1.800543	50.0	325874.0	1.800543	Y
4	STD5 460-739487/6	5.0	10.599975	50.0	338864.0	2.119995	Y
5	STD20 460-739487/7	20.0	34.395523	50.0	324785.0	1.719776	Y
6	STD50 460-739487/8	50.0	87.248098	50.0	318427.0	1.744962	Y
7	STD200 460-739487/9	200.0	282.914022	50.0	335749.0	1.41457	Y
8	STD500 460-739487/10	500.0	690.305995	50.0	337260.0	1.380612	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

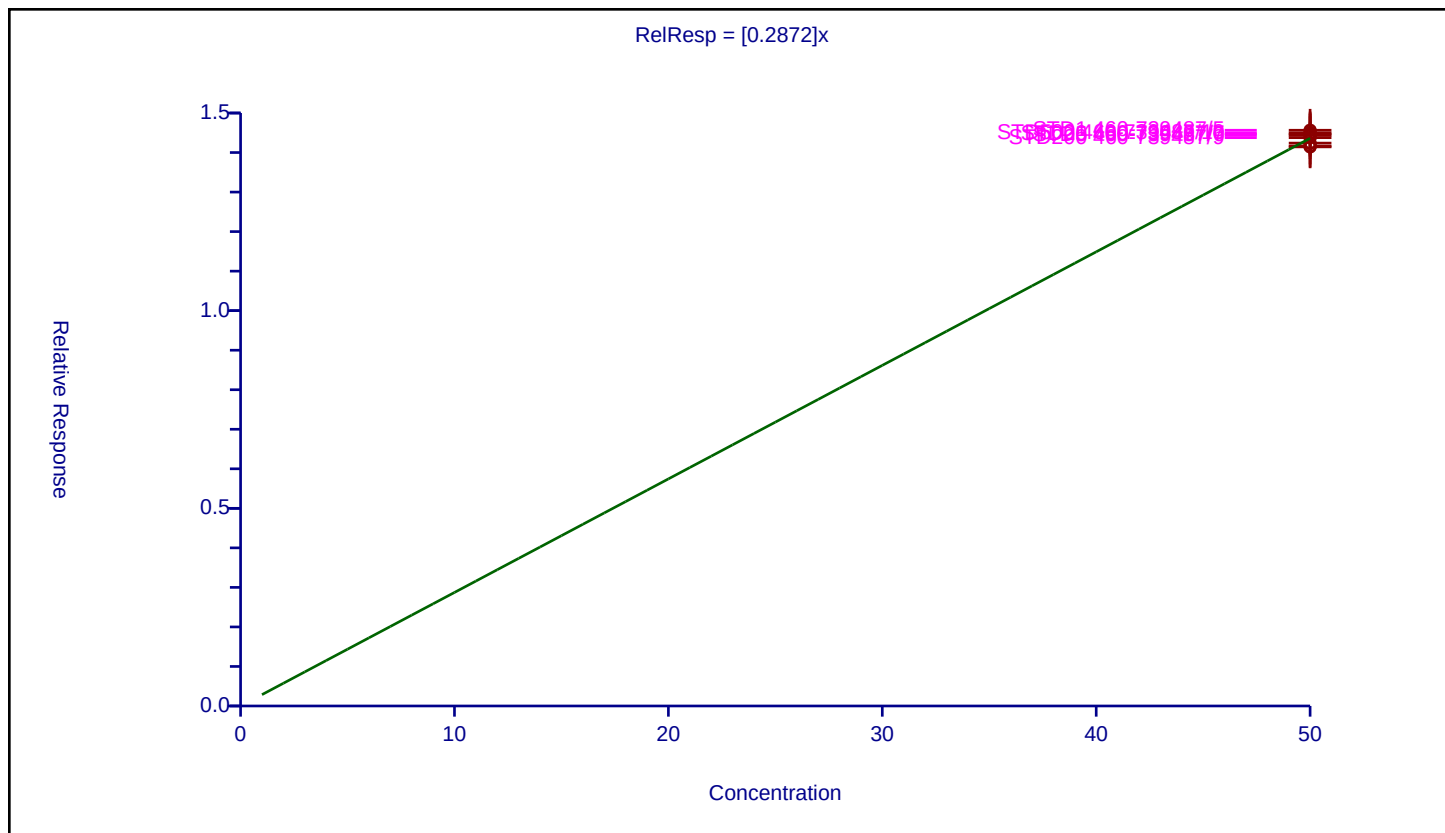
Curve Coefficients

Intercept: 0
 Slope: 0.2872

Error Coefficients

Standard Error: 147000
 Relative Standard Error: 1.1
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	50.0	14.163812	50.0	506435.0	0.283276	Y
2	STD05 460-739487/4	50.0	14.239409	50.0	503023.0	0.284788	Y
3	STD1 460-739487/5	50.0	14.564353	50.0	506006.0	0.291287	Y
4	STD5 460-739487/6	50.0	14.433235	50.0	524477.0	0.288665	Y
5	STD20 460-739487/7	50.0	14.467231	50.0	476698.0	0.289345	Y
6	STD50 460-739487/8	50.0	14.143461	50.0	446839.0	0.282869	Y
7	STD200 460-739487/9	50.0	14.375789	50.0	432258.0	0.287516	Y
8	STD500 460-739487/10	50.0	14.497384	50.0	421614.0	0.289948	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

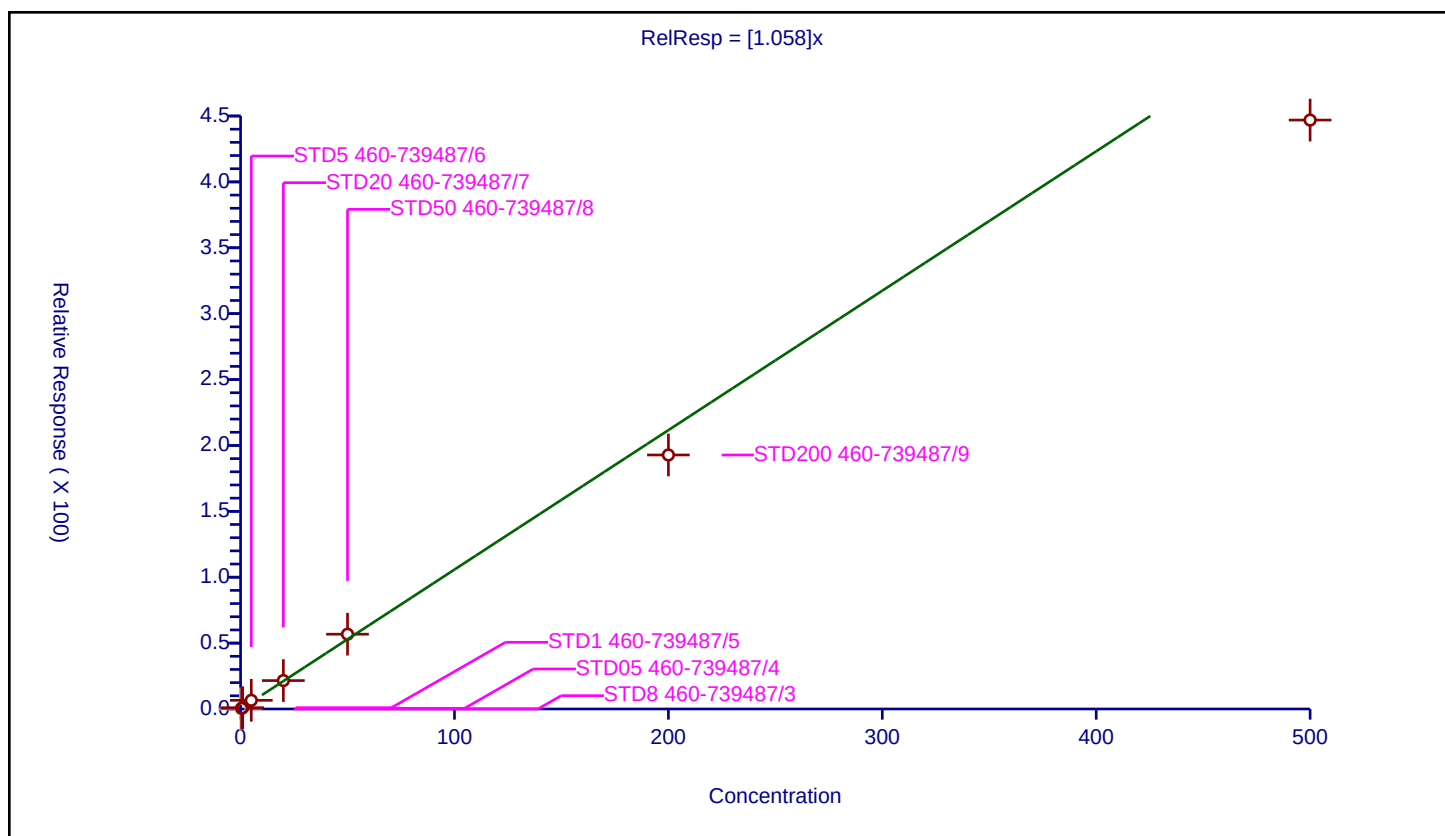
Curve Coefficients

Intercept: 0
Slope: 1.058

Error Coefficients

Standard Error: 1700000
Relative Standard Error: 13.3
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.526218	50.0	503023.0	1.052437	Y
3	STD1 460-739487/5	1.0	0.964514	50.0	506006.0	0.964514	Y
4	STD5 460-739487/6	5.0	6.594188	50.0	524477.0	1.318838	Y
5	STD20 460-739487/7	20.0	21.560401	50.0	476698.0	1.07802	Y
6	STD50 460-739487/8	50.0	56.754782	50.0	446839.0	1.135096	Y
7	STD200 460-739487/9	200.0	192.77457	50.0	432258.0	0.963873	Y
8	STD500 460-739487/10	500.0	446.927166	50.0	421614.0	0.893854	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

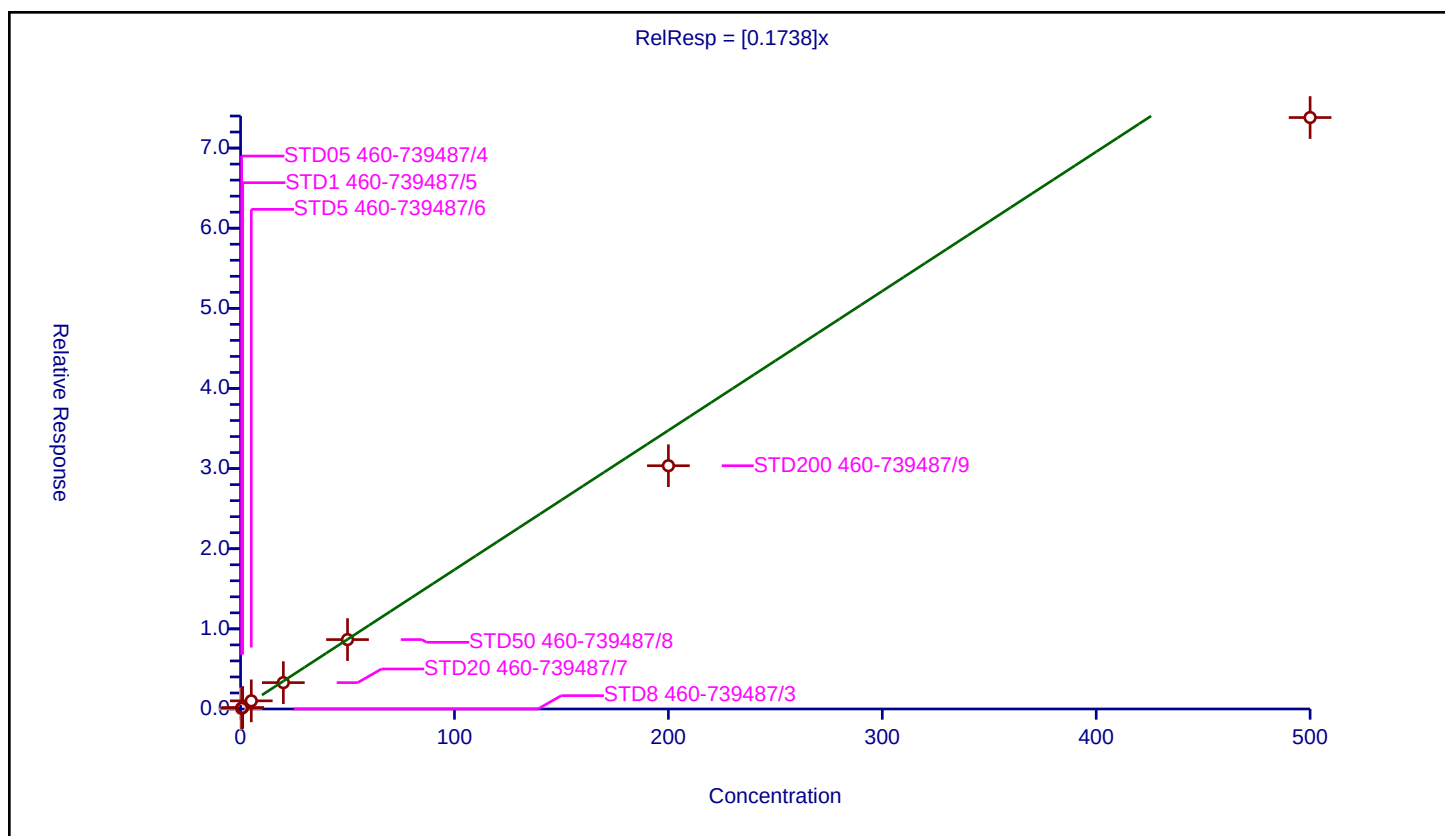
Curve Coefficients

Intercept: 0
Slope: 0.1738

Error Coefficients

Standard Error: 278000
Relative Standard Error: 11.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.095721	50.0	503023.0	0.191443	Y
3	STD1 460-739487/5	1.0	0.185373	50.0	506006.0	0.185373	Y
4	STD5 460-739487/6	5.0	1.015202	50.0	524477.0	0.20304	Y
5	STD20 460-739487/7	20.0	3.288875	50.0	476698.0	0.164444	Y
6	STD50 460-739487/8	50.0	8.65983	50.0	446839.0	0.173197	Y
7	STD200 460-739487/9	200.0	30.357911	50.0	432258.0	0.15179	Y
8	STD500 460-739487/10	500.0	73.810761	50.0	421614.0	0.147622	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

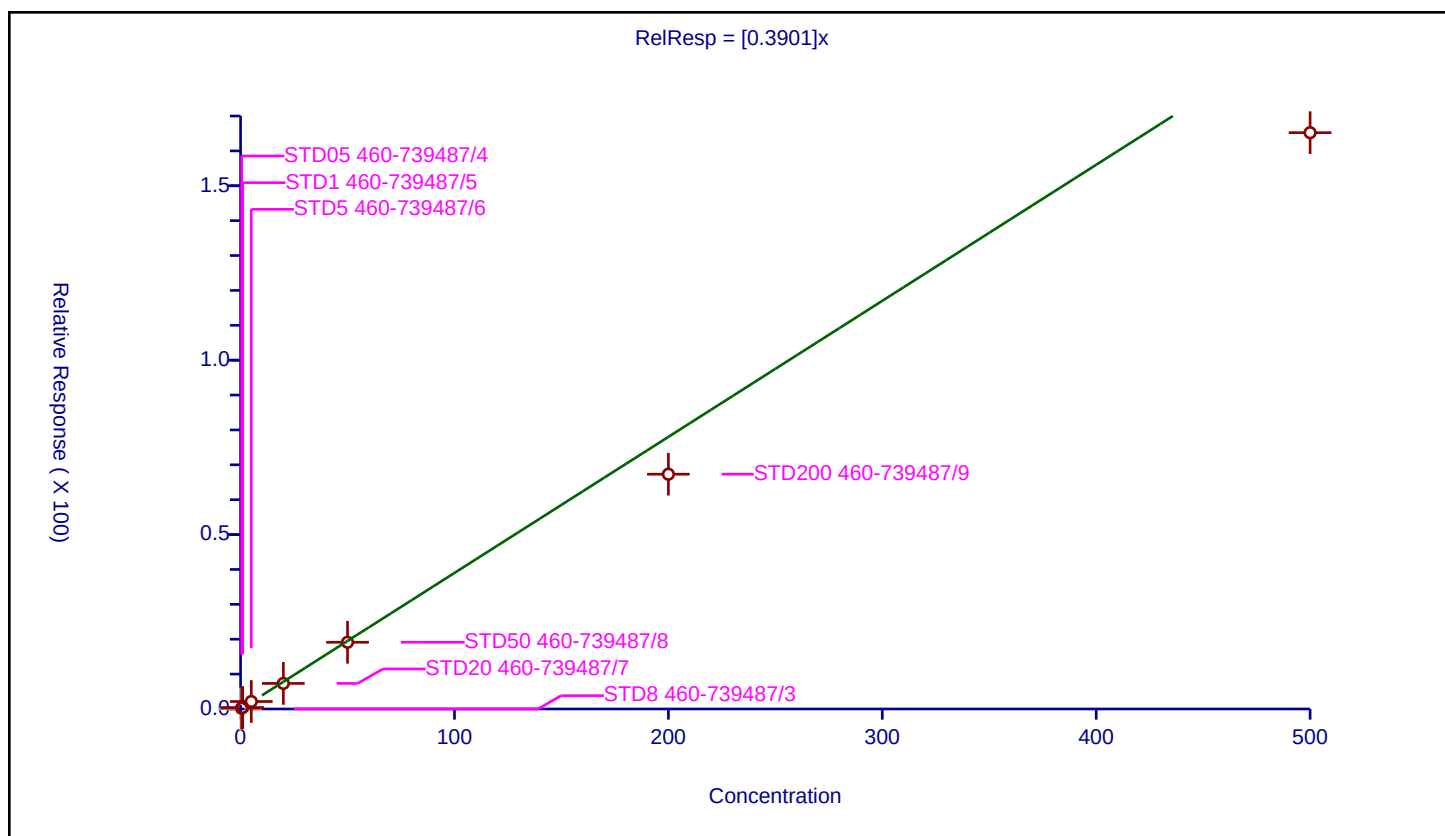
Curve Coefficients

Intercept: 0
Slope: 0.3901

Error Coefficients

Standard Error: 621000
Relative Standard Error: 13.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.237862	50.0	503023.0	0.475724	Y
3	STD1 460-739487/5	1.0	0.409975	50.0	506006.0	0.409975	Y
4	STD5 460-739487/6	5.0	2.144422	50.0	524477.0	0.428884	Y
5	STD20 460-739487/7	20.0	7.326022	50.0	476698.0	0.366301	Y
6	STD50 460-739487/8	50.0	19.12624	50.0	446839.0	0.382525	Y
7	STD200 460-739487/9	200.0	67.310726	50.0	432258.0	0.336554	Y
8	STD500 460-739487/10	500.0	165.21866	50.0	421614.0	0.330437	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

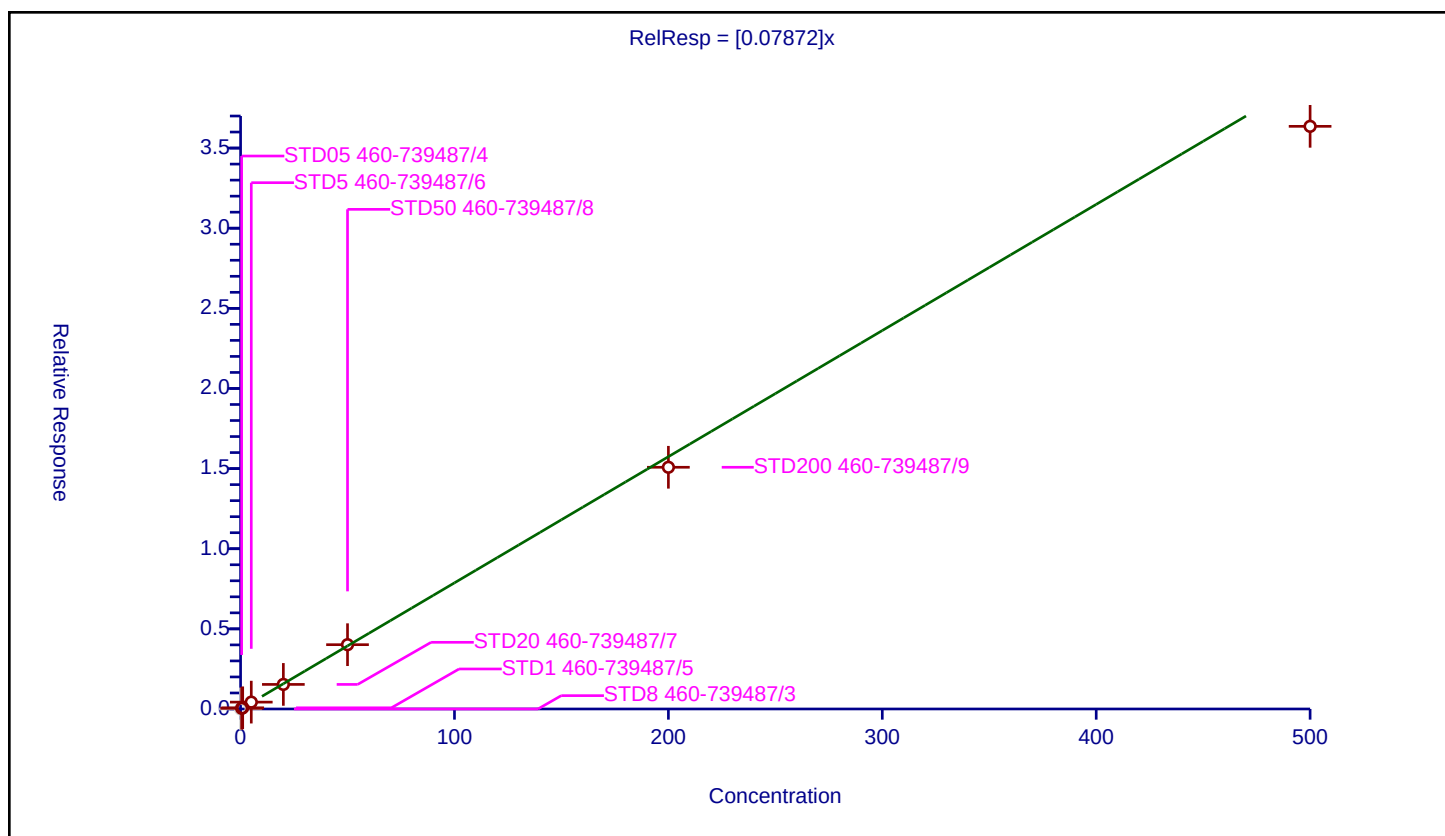
Curve Coefficients

Intercept: 0
 Slope: 0.07872

Error Coefficients

Standard Error: 137000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.04294	50.0	503023.0	0.085881	Y
3	STD1 460-739487/5	1.0	0.074406	50.0	506006.0	0.074406	Y
4	STD5 460-739487/6	5.0	0.428522	50.0	524477.0	0.085704	Y
5	STD20 460-739487/7	20.0	1.532522	50.0	476698.0	0.076626	Y
6	STD50 460-739487/8	50.0	4.01319	50.0	446839.0	0.080264	Y
7	STD200 460-739487/9	200.0	15.082543	50.0	432258.0	0.075413	Y
8	STD500 460-739487/10	500.0	36.356478	50.0	421614.0	0.072713	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

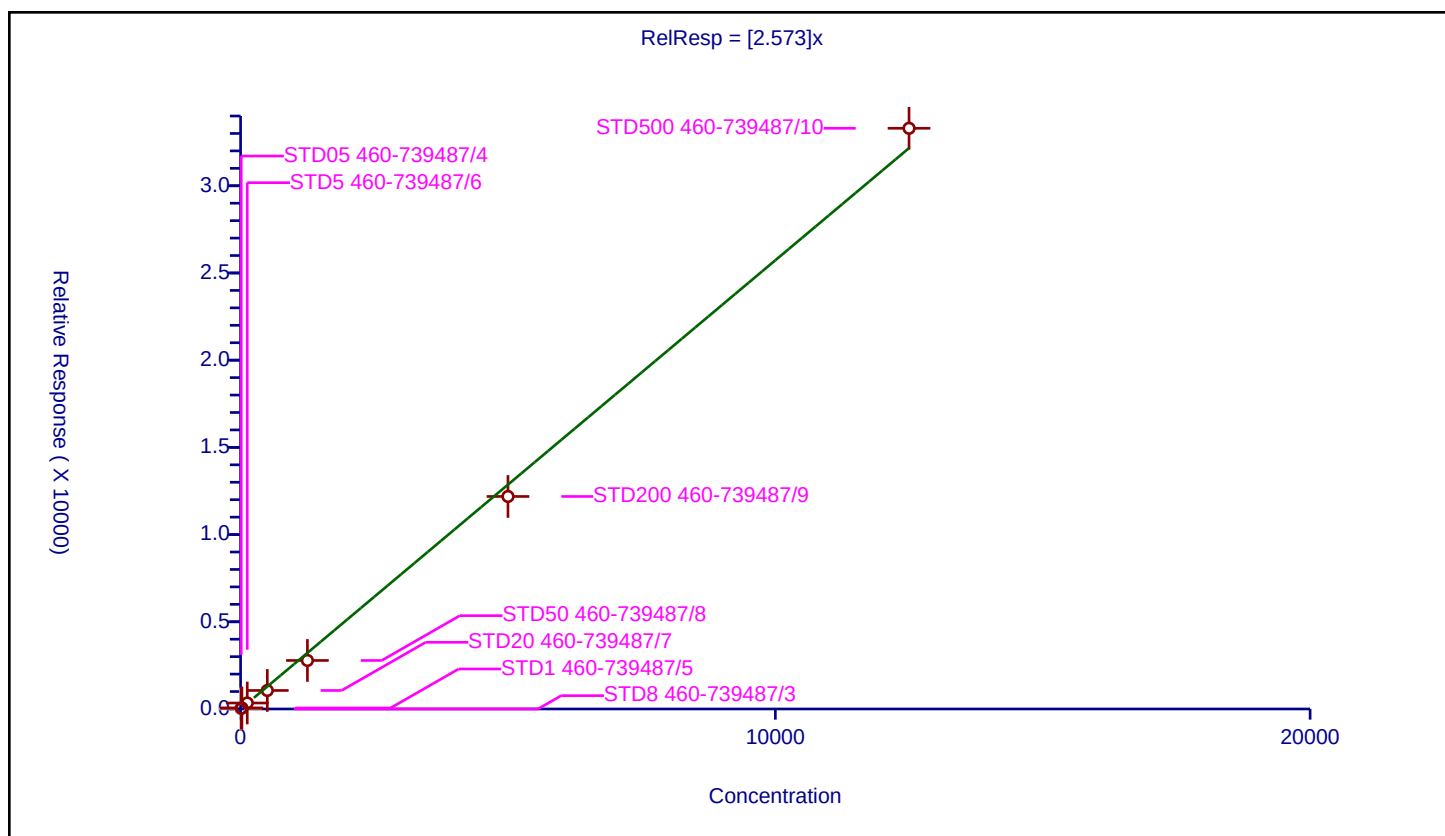
Curve Coefficients

Intercept: 0
Slope: 2.573

Error Coefficients

Standard Error: 473000
Relative Standard Error: 19.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	43085.0	NaN	N
2	STD05 460-739487/4	12.5	44.380215	1000.0	42902.0	3.550417	Y
3	STD1 460-739487/5	25.0	56.564358	1000.0	43561.0	2.262574	Y
4	STD5 460-739487/6	125.0	343.46329	1000.0	45015.0	2.747706	Y
5	STD20 460-739487/7	500.0	1061.494951	1000.0	42784.0	2.12299	Y
6	STD50 460-739487/8	1250.0	2782.087119	1000.0	42930.0	2.22567	Y
7	STD200 460-739487/9	5000.0	12185.86416	1000.0	36602.0	2.437173	Y
8	STD500 460-739487/10	12500.0	33297.191793	1000.0	33046.0	2.663775	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

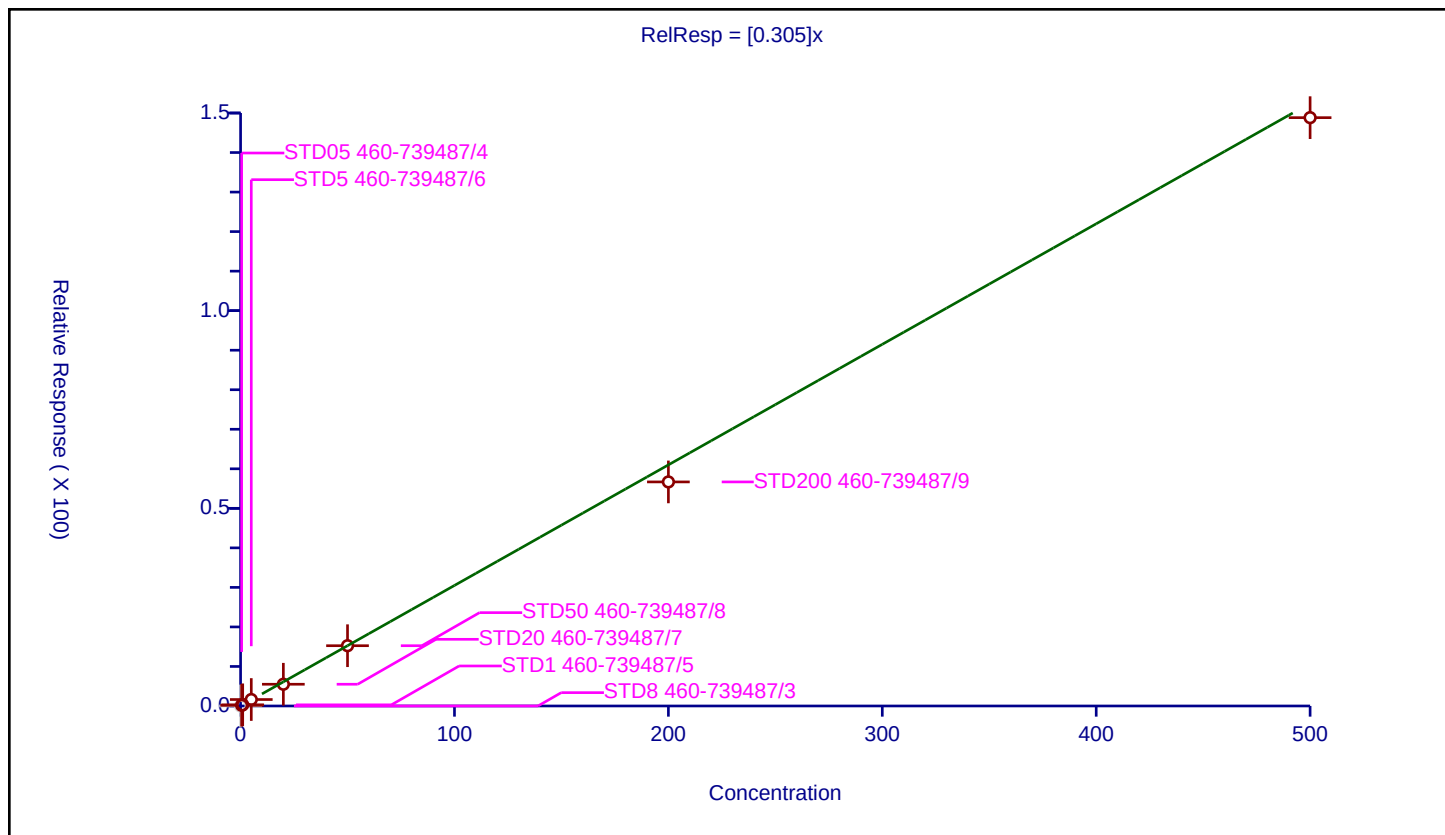
Curve Coefficients

Intercept: 0
 Slope: 0.305

Error Coefficients

Standard Error: 553000
 Relative Standard Error: 9.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.177527	50.0	503023.0	0.355053	Y
3	STD1 460-739487/5	1.0	0.292091	50.0	506006.0	0.292091	Y
4	STD5 460-739487/6	5.0	1.633151	50.0	524477.0	0.32663	Y
5	STD20 460-739487/7	20.0	5.498555	50.0	476698.0	0.274928	Y
6	STD50 460-739487/8	50.0	15.245536	50.0	446839.0	0.304911	Y
7	STD200 460-739487/9	200.0	56.679344	50.0	432258.0	0.283397	Y
8	STD500 460-739487/10	500.0	148.826889	50.0	421614.0	0.297654	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

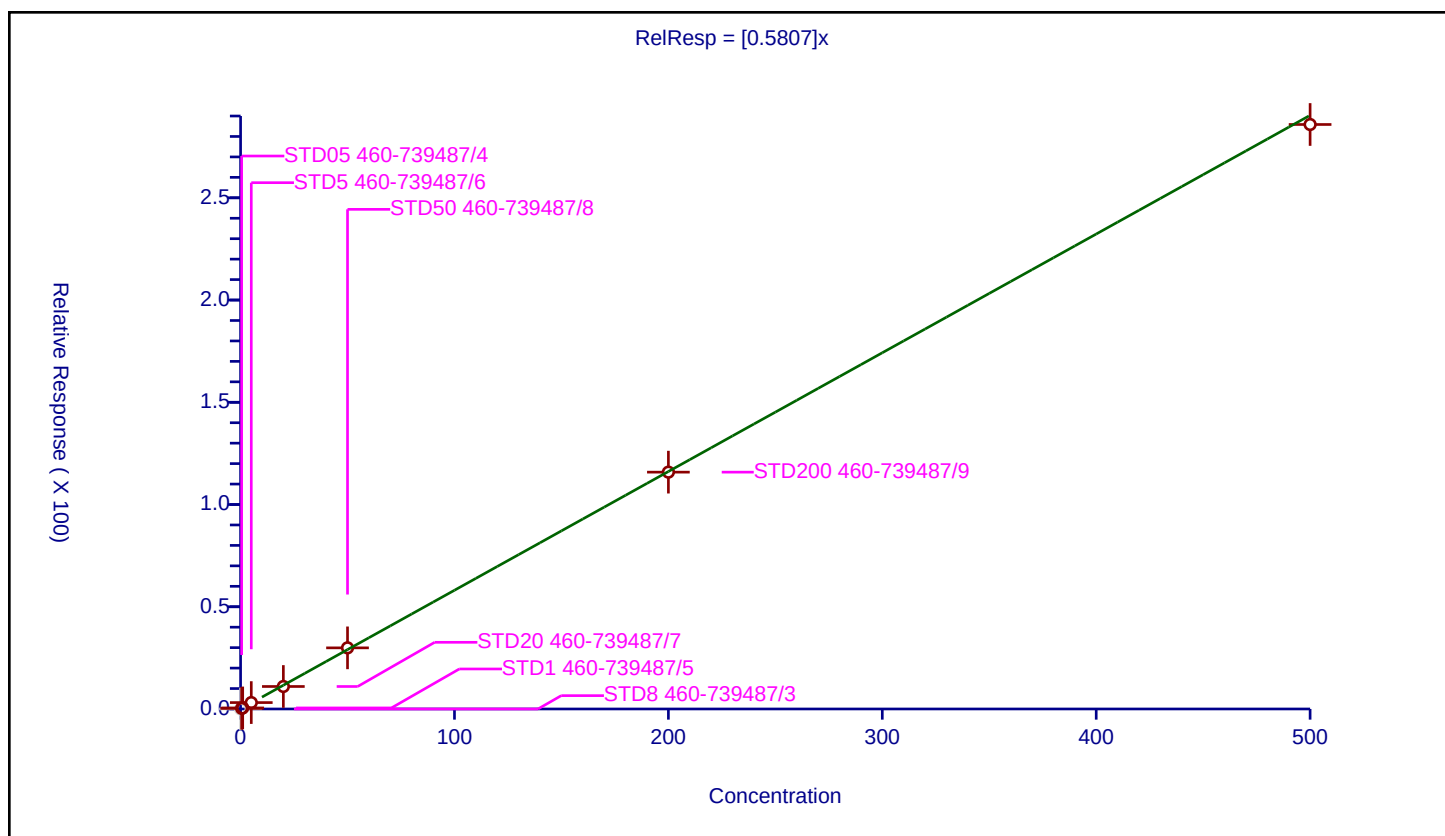
Curve Coefficients

Intercept: 0
 Slope: 0.5807

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.312411	50.0	503023.0	0.624822	Y
3	STD1 460-739487/5	1.0	0.514915	50.0	506006.0	0.514915	Y
4	STD5 460-739487/6	5.0	3.131596	50.0	524477.0	0.626319	Y
5	STD20 460-739487/7	20.0	10.999102	50.0	476698.0	0.549955	Y
6	STD50 460-739487/8	50.0	29.901933	50.0	446839.0	0.598039	Y
7	STD200 460-739487/9	200.0	115.834525	50.0	432258.0	0.579173	Y
8	STD500 460-739487/10	500.0	285.84926	50.0	421614.0	0.571699	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

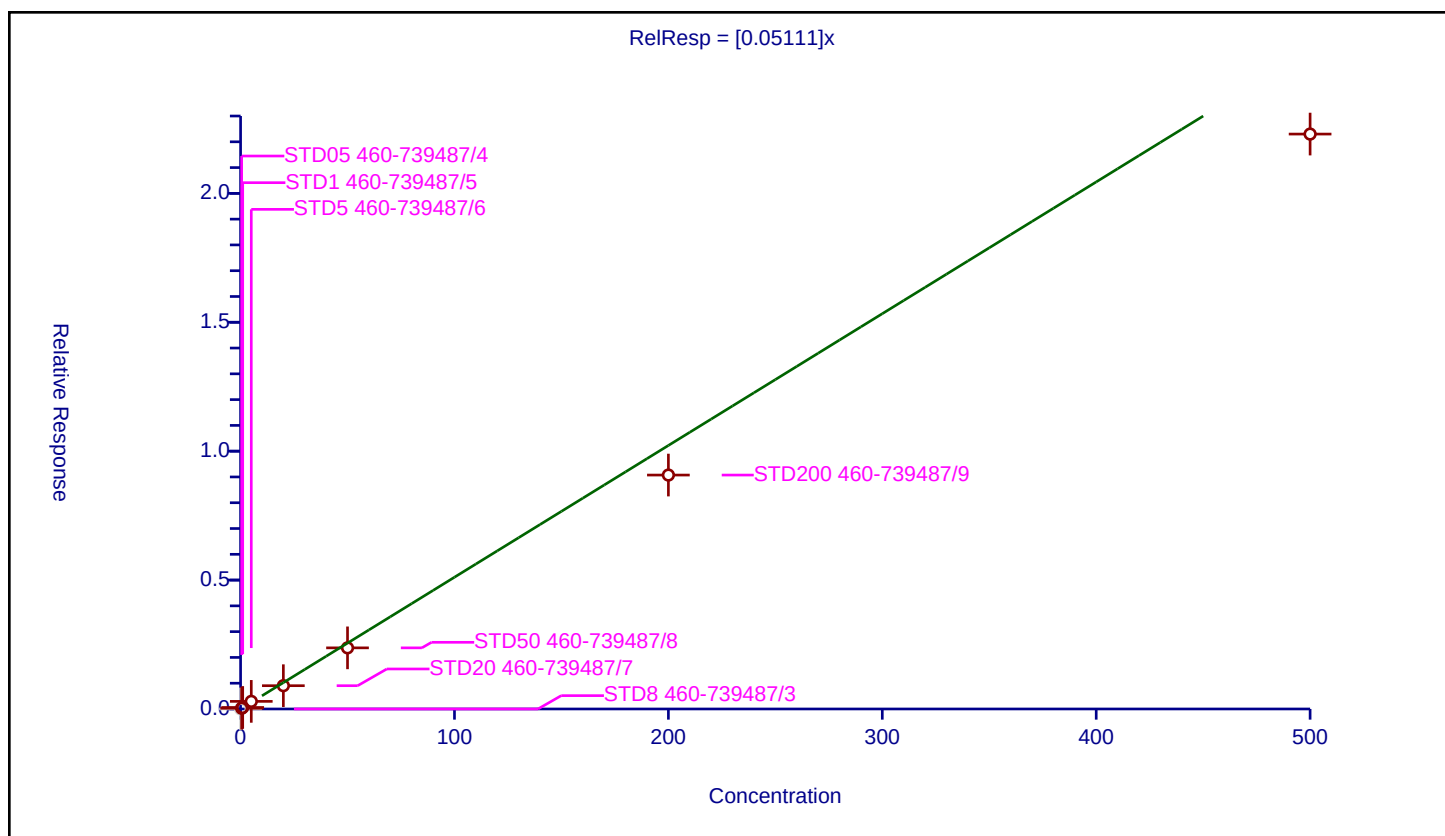
Curve Coefficients

Intercept: 0
Slope: 0.05111

Error Coefficients

Standard Error: 83700
Relative Standard Error: 13.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.028726	50.0	503023.0	0.057453	Y
3	STD1 460-739487/5	1.0	0.058695	50.0	506006.0	0.058695	Y
4	STD5 460-739487/6	5.0	0.295151	50.0	524477.0	0.05903	Y
5	STD20 460-739487/7	20.0	0.903612	50.0	476698.0	0.045181	Y
6	STD50 460-739487/8	50.0	2.371212	50.0	446839.0	0.047424	Y
7	STD200 460-739487/9	200.0	9.074095	50.0	432258.0	0.04537	Y
8	STD500 460-739487/10	500.0	22.300137	50.0	421614.0	0.0446	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

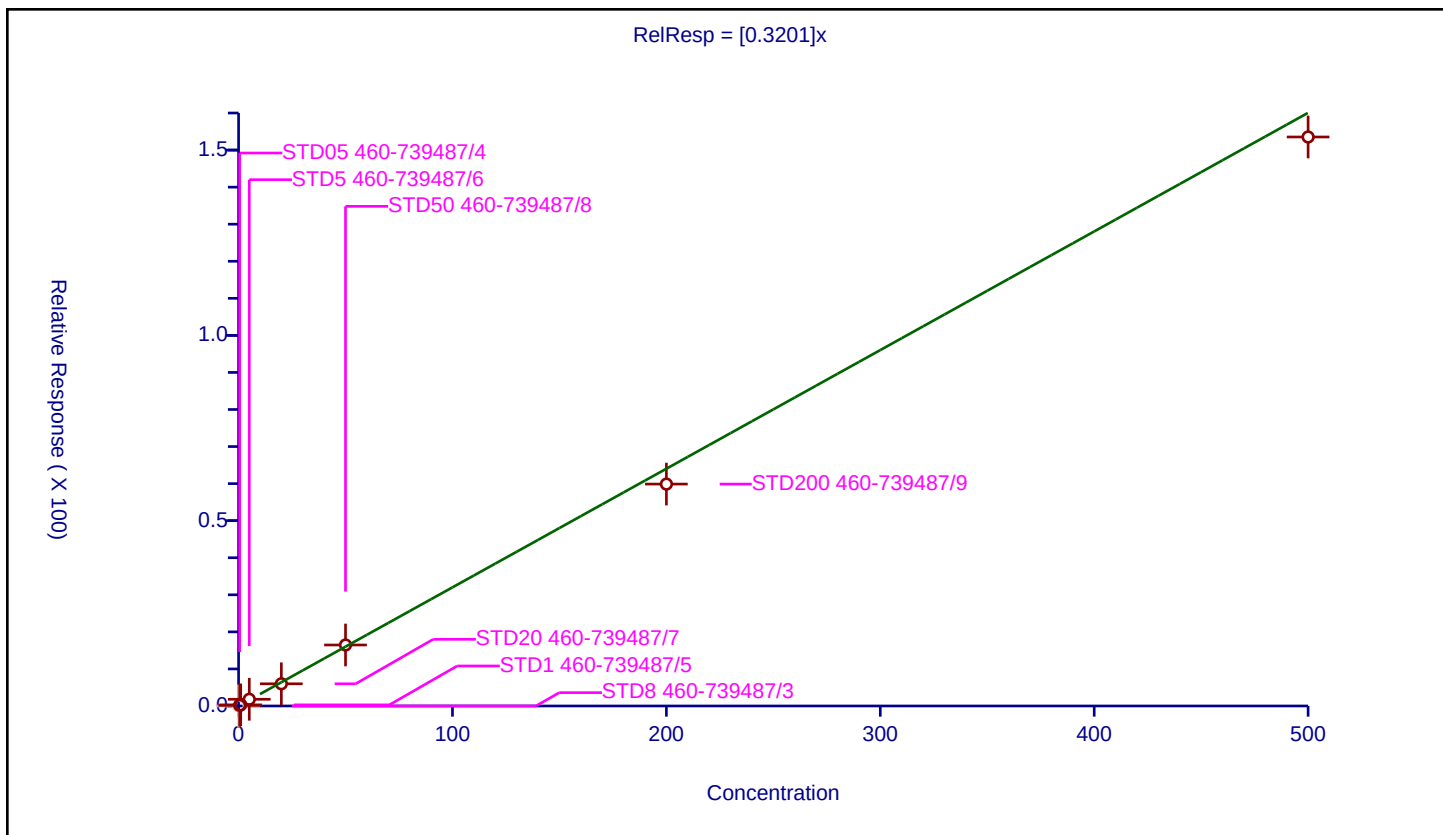
Curve Coefficients

Intercept: 0
 Slope: 0.3201

Error Coefficients

Standard Error: 573000
 Relative Standard Error: 7.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.169277	50.0	503023.0	0.338553	Y
3	STD1 460-739487/5	1.0	0.305728	50.0	506006.0	0.305728	Y
4	STD5 460-739487/6	5.0	1.806848	50.0	524477.0	0.36137	Y
5	STD20 460-739487/7	20.0	5.991424	50.0	476698.0	0.299571	Y
6	STD50 460-739487/8	50.0	16.457941	50.0	446839.0	0.329159	Y
7	STD200 460-739487/9	200.0	59.877434	50.0	432258.0	0.299387	Y
8	STD500 460-739487/10	500.0	153.533682	50.0	421614.0	0.307067	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

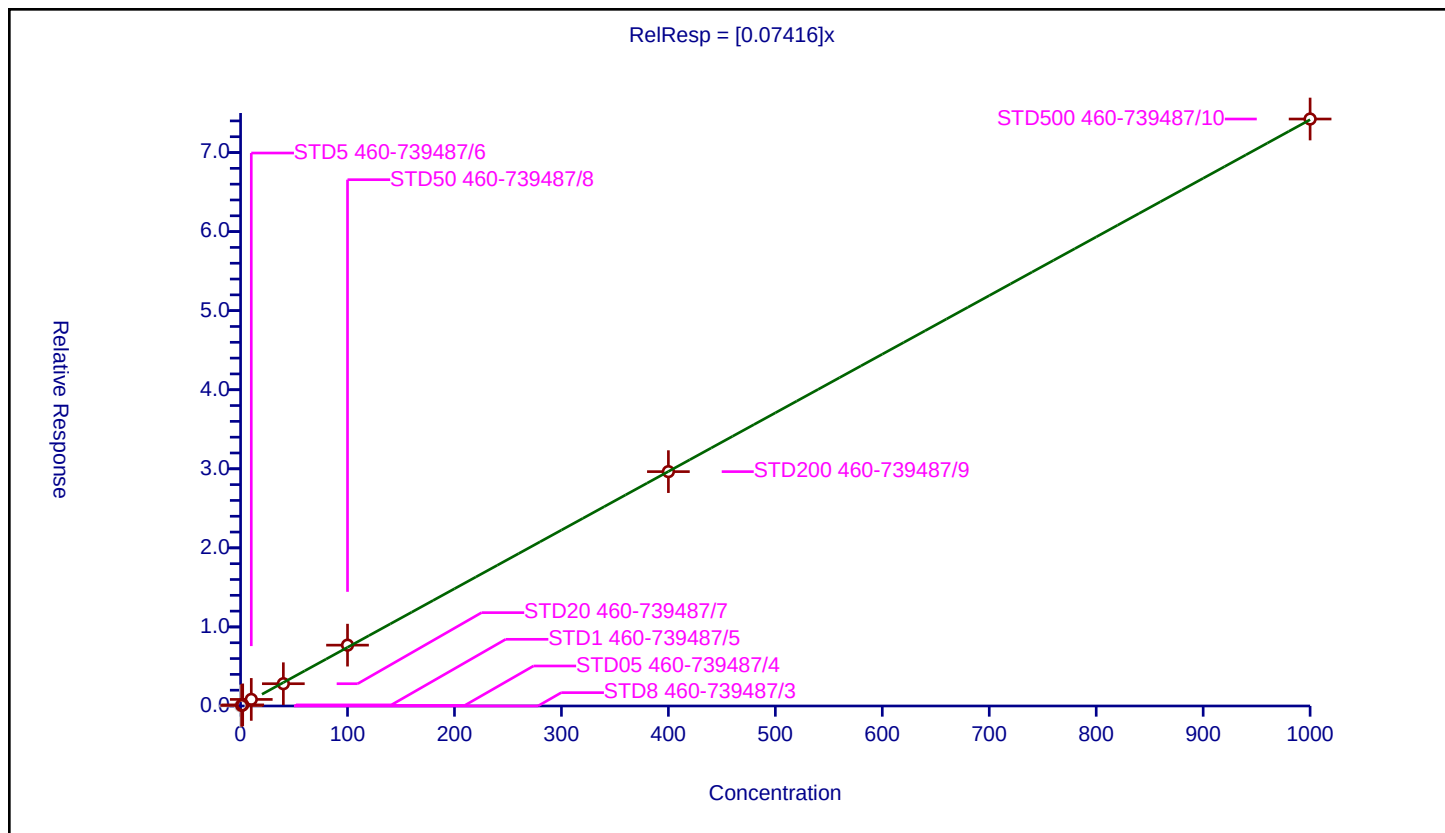
Curve Coefficients

Intercept: 0
 Slope: 0.07416

Error Coefficients

Standard Error: 278000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	1.0	0.070573	50.0	503023.0	0.070573	Y
3	STD1 460-739487/5	2.0	0.139524	50.0	506006.0	0.069762	Y
4	STD5 460-739487/6	10.0	0.830446	50.0	524477.0	0.083045	Y
5	STD20 460-739487/7	40.0	2.817507	50.0	476698.0	0.070438	Y
6	STD50 460-739487/8	100.0	7.694046	50.0	446839.0	0.07694	Y
7	STD200 460-739487/9	400.0	29.642598	50.0	432258.0	0.074106	Y
8	STD500 460-739487/10	1000.0	74.241723	50.0	421614.0	0.074242	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

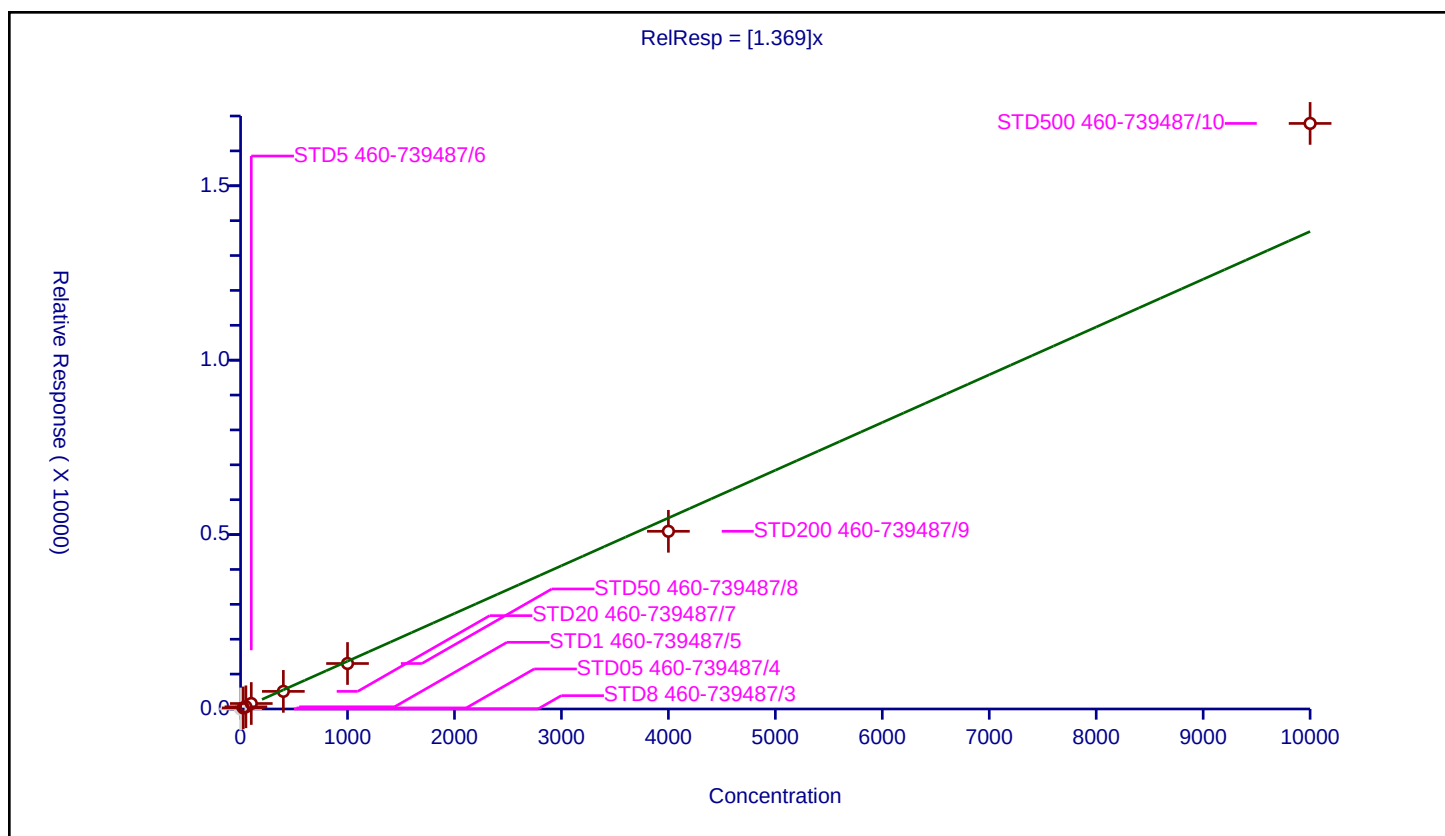
Curve Coefficients

Intercept: 0
 Slope: 1.369

Error Coefficients

Standard Error: 129000
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	1000.0	25258.0	NaN	N
2	STD05 460-739487/4	25.000031	30.619125	1000.0	25213.0	1.224763	Y
3	STD1 460-739487/5	50.000062	63.444449	1000.0	26669.0	1.268887	Y
4	STD5 460-739487/6	100.0	157.131346	1000.0	26061.0	1.571313	Y
5	STD20 460-739487/7	400.0	504.754512	1000.0	25765.0	1.261886	Y
6	STD50 460-739487/8	1000.0	1303.536455	1000.0	27061.0	1.303536	Y
7	STD200 460-739487/9	4000.0	5093.996083	1000.0	24001.0	1.273499	Y
8	STD500 460-739487/10	10000.0	16787.336317	1000.0	18099.0	1.678734	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

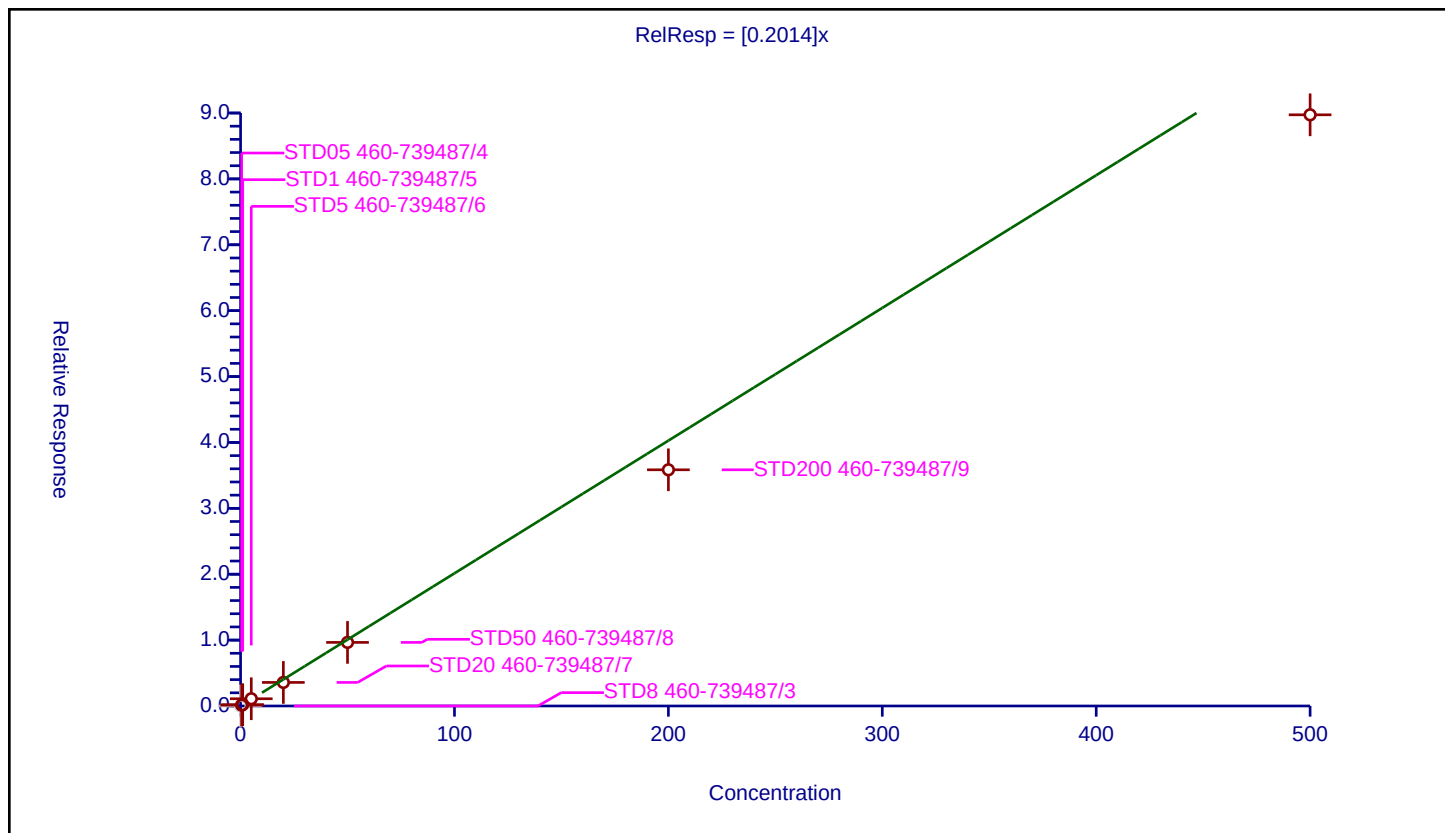
Curve Coefficients

Intercept: 0
Slope: 0.2014

Error Coefficients

Standard Error: 336000
Relative Standard Error: 14.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.128523	50.0	503023.0	0.257046	Y
3	STD1 460-739487/5	1.0	0.202073	50.0	506006.0	0.202073	Y
4	STD5 460-739487/6	5.0	1.100048	50.0	524477.0	0.22001	Y
5	STD20 460-739487/7	20.0	3.577632	50.0	476698.0	0.178882	Y
6	STD50 460-739487/8	50.0	9.65191	50.0	446839.0	0.193038	Y
7	STD200 460-739487/9	200.0	35.848151	50.0	432258.0	0.179241	Y
8	STD500 460-739487/10	500.0	89.728401	50.0	421614.0	0.179457	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

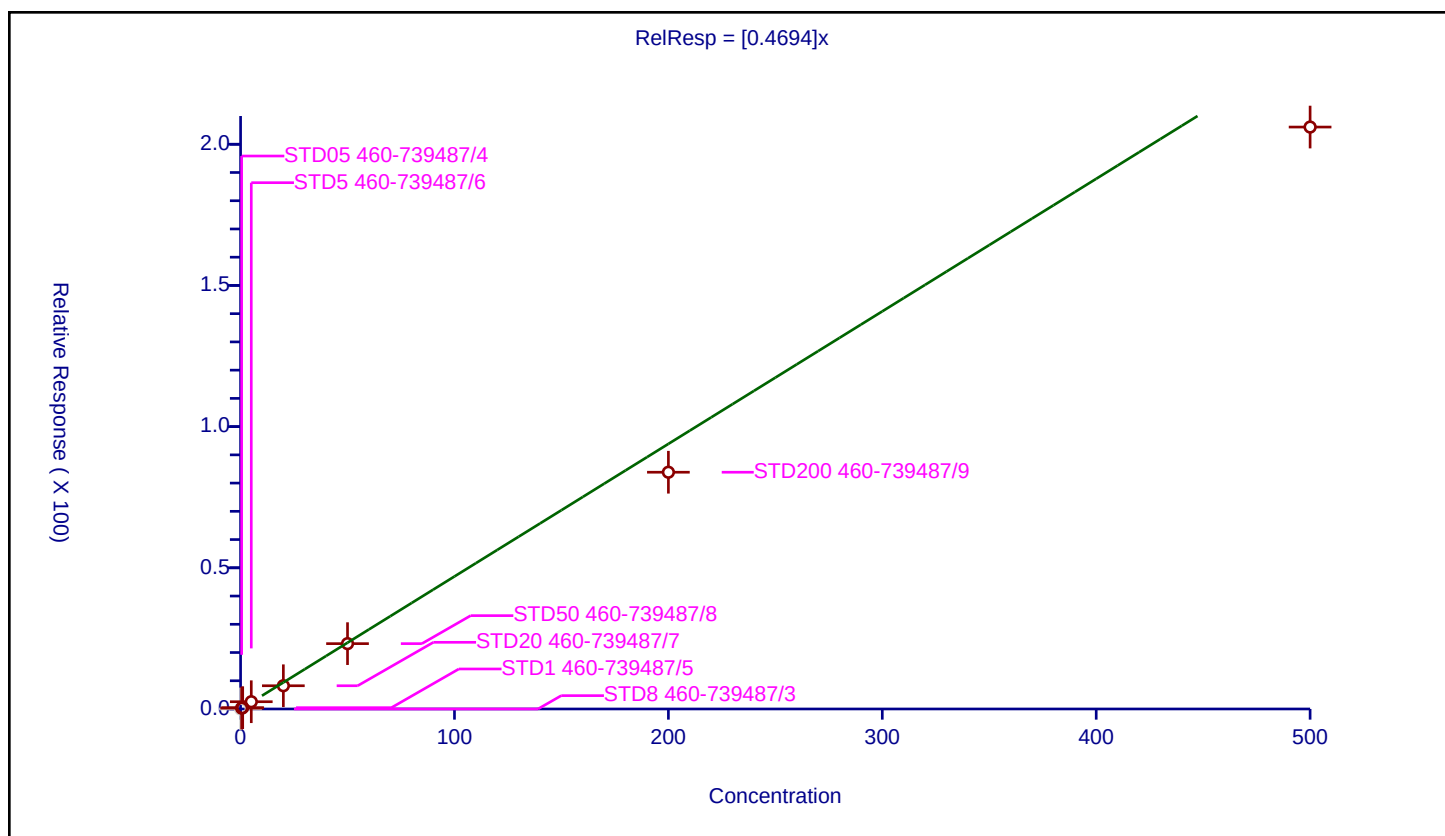
Curve Coefficients

Intercept: 0
 Slope: 0.4694

Error Coefficients

Standard Error: 774000
 Relative Standard Error: 14.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.301378	50.0	503023.0	0.602756	Y
3	STD1 460-739487/5	1.0	0.463334	50.0	506006.0	0.463334	Y
4	STD5 460-739487/6	5.0	2.569417	50.0	524477.0	0.513883	Y
5	STD20 460-739487/7	20.0	8.234668	50.0	476698.0	0.411733	Y
6	STD50 460-739487/8	50.0	23.141221	50.0	446839.0	0.462824	Y
7	STD200 460-739487/9	200.0	83.844949	50.0	432258.0	0.419225	Y
8	STD500 460-739487/10	500.0	206.094318	50.0	421614.0	0.412189	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

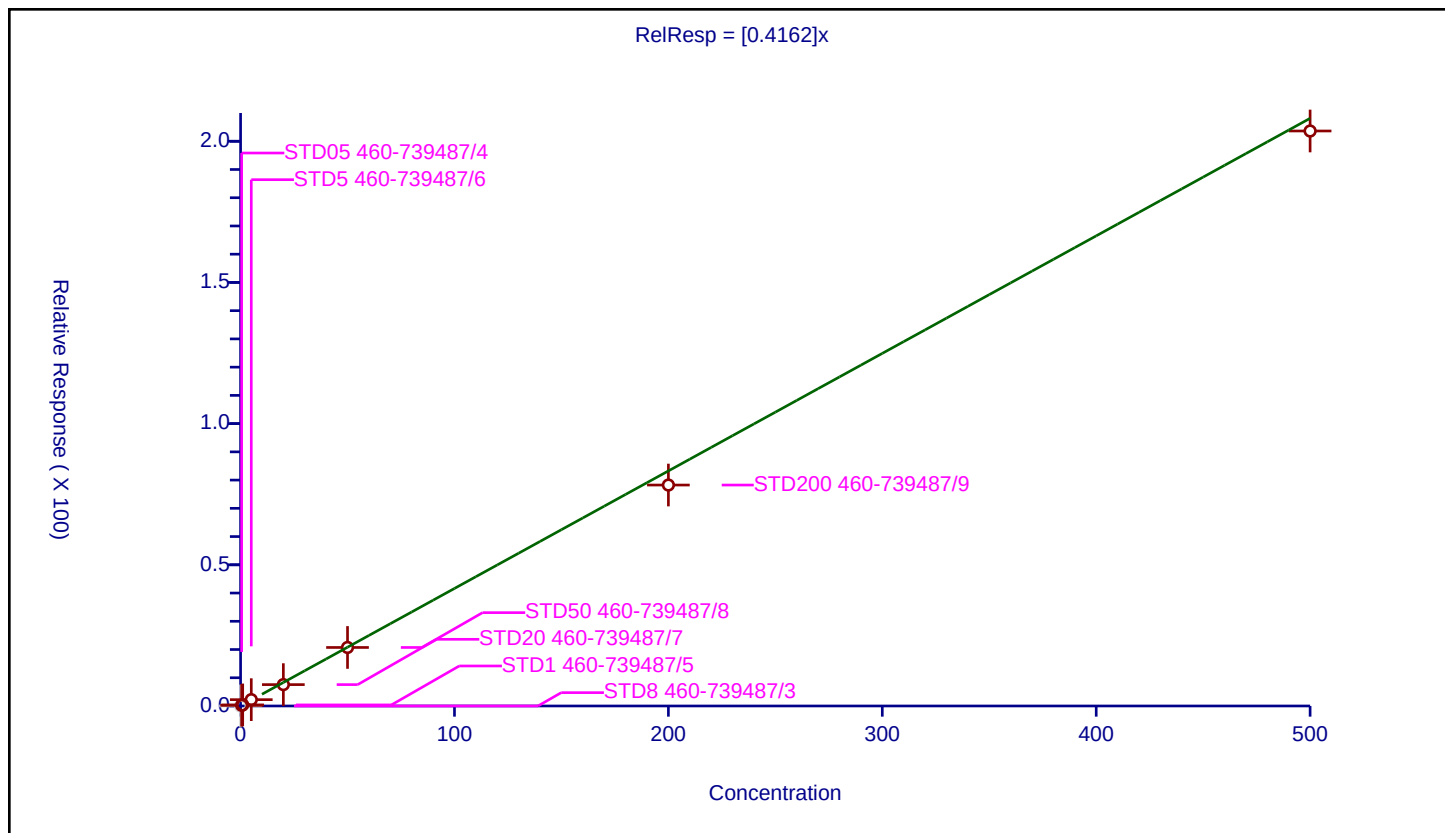
Curve Coefficients

Intercept: 0
 Slope: 0.4162

Error Coefficients

Standard Error: 758000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5	0.24482	50.0	503023.0	0.48964	Y
3	STD1 460-739487/5	1.0	0.38379	50.0	506006.0	0.38379	Y
4	STD5 460-739487/6	5.0	2.243187	50.0	524477.0	0.448637	Y
5	STD20 460-739487/7	20.0	7.573139	50.0	476698.0	0.378657	Y
6	STD50 460-739487/8	50.0	20.722676	50.0	446839.0	0.414454	Y
7	STD200 460-739487/9	200.0	78.247366	50.0	432258.0	0.391237	Y
8	STD500 460-739487/10	500.0	203.629979	50.0	421614.0	0.40726	Y



Calibration

/ 2-Nitropropane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

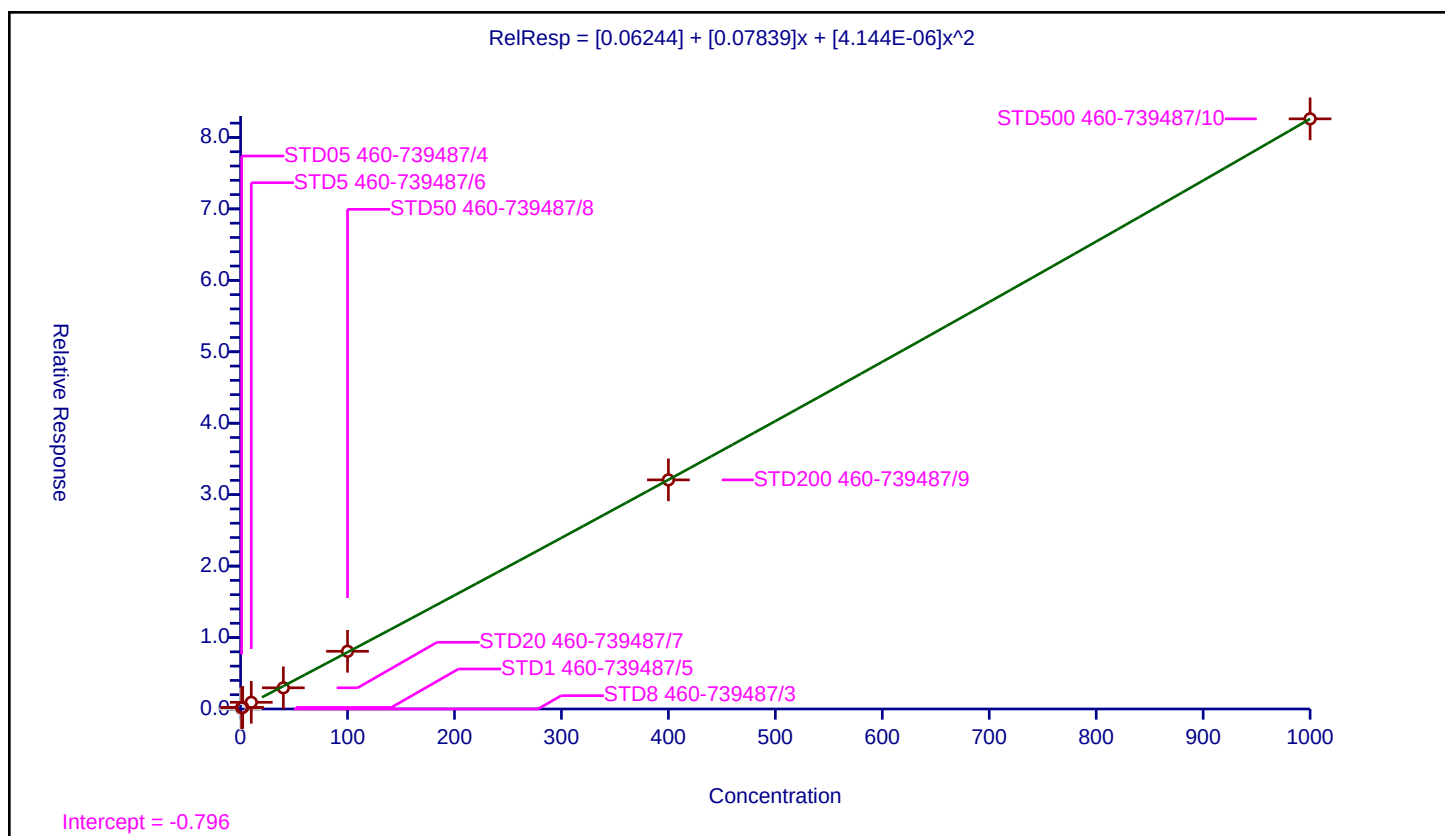
Curve Coefficients

Intercept: 0.06244
Slope: 0.07839
Second Order: 4.144E-06

Error Coefficients

Standard Error: 377000
Relative Standard Error: 24.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	1.0	0.178024	50.0	503023.0	0.178024	Y
3	STD1 460-739487/5	2.0	0.216598	50.0	506006.0	0.108299	Y
4	STD5 460-739487/6	10.0	0.933883	50.0	524477.0	0.093388	Y
5	STD20 460-739487/7	40.0	2.965295	50.0	476698.0	0.074132	Y
6	STD50 460-739487/8	100.0	8.074497	50.0	446839.0	0.080745	Y
7	STD200 460-739487/9	400.0	32.068926	50.0	432258.0	0.080172	Y
8	STD500 460-739487/10	1000.0	82.602926	50.0	421614.0	0.082603	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

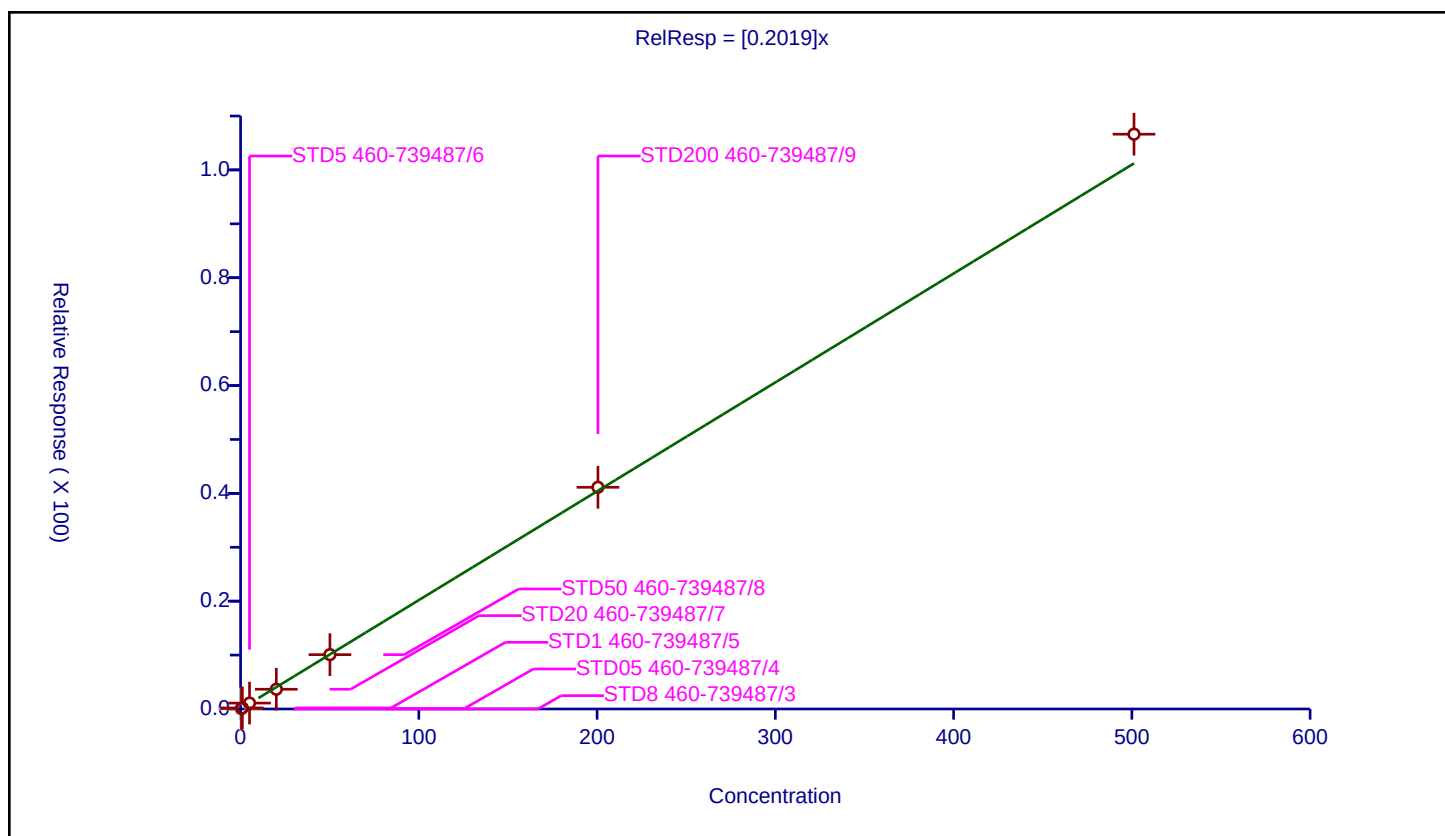
Curve Coefficients

Intercept: 0
Slope: 0.2019

Error Coefficients

Standard Error: 397000
Relative Standard Error: 5.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	506435.0	NaN	N
2	STD05 460-739487/4	0.5012	0.098902	50.0	503023.0	0.19733	Y
3	STD1 460-739487/5	1.0024	0.19644	50.0	506006.0	0.19597	Y
4	STD5 460-739487/6	5.012	1.09633	50.0	524477.0	0.218741	Y
5	STD20 460-739487/7	20.048	3.660703	50.0	476698.0	0.182597	Y
6	STD50 460-739487/8	50.12	10.079693	50.0	446839.0	0.201111	Y
7	STD200 460-739487/9	200.48	41.124282	50.0	432258.0	0.205129	Y
8	STD500 460-739487/10	501.2	106.624306	50.0	421614.0	0.212738	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

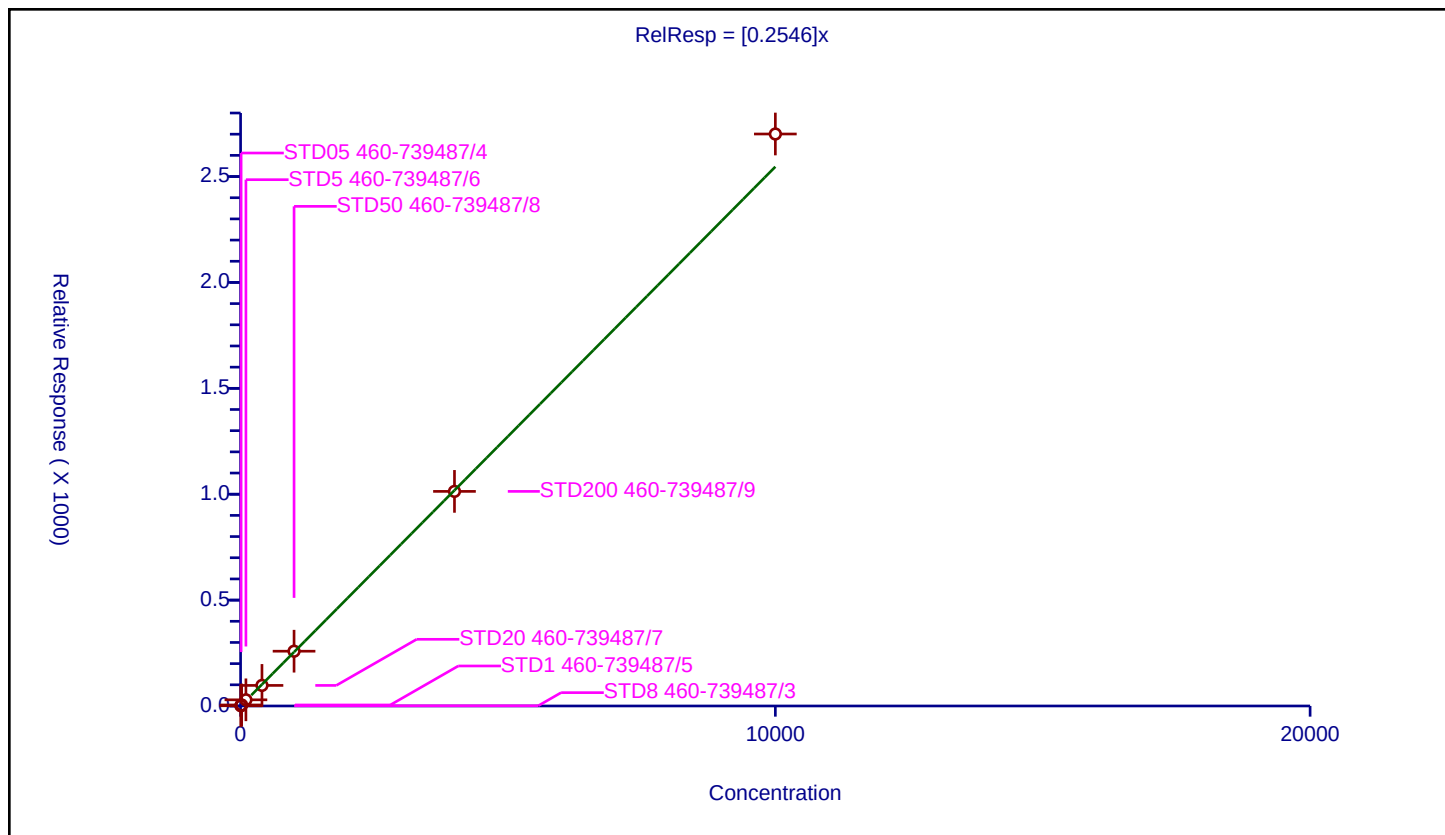
Curve Coefficients

Intercept: 0
 Slope: 0.2546

Error Coefficients

Standard Error: 1170000
 Relative Standard Error: 10.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	5.000009	1.023597	250.0	316775.0	0.204719	Y
2	STD05 460-739487/4	10.000017	2.725286	250.0	318407.0	0.272528	Y
3	STD1 460-739487/5	20.000035	4.879622	250.0	319287.0	0.243981	Y
4	STD5 460-739487/6	100.000173	29.094733	250.0	353509.0	0.290947	Y
5	STD20 460-739487/7	400.000692	97.096575	250.0	315920.0	0.242741	Y
6	STD50 460-739487/8	1000.00173	258.654994	250.0	304824.0	0.258655	Y
7	STD200 460-739487/9	4000.00692	1013.293328	250.0	290879.0	0.253323	Y
8	STD500 460-739487/10	10000.0173	2700.948546	250.0	264141.0	0.270094	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

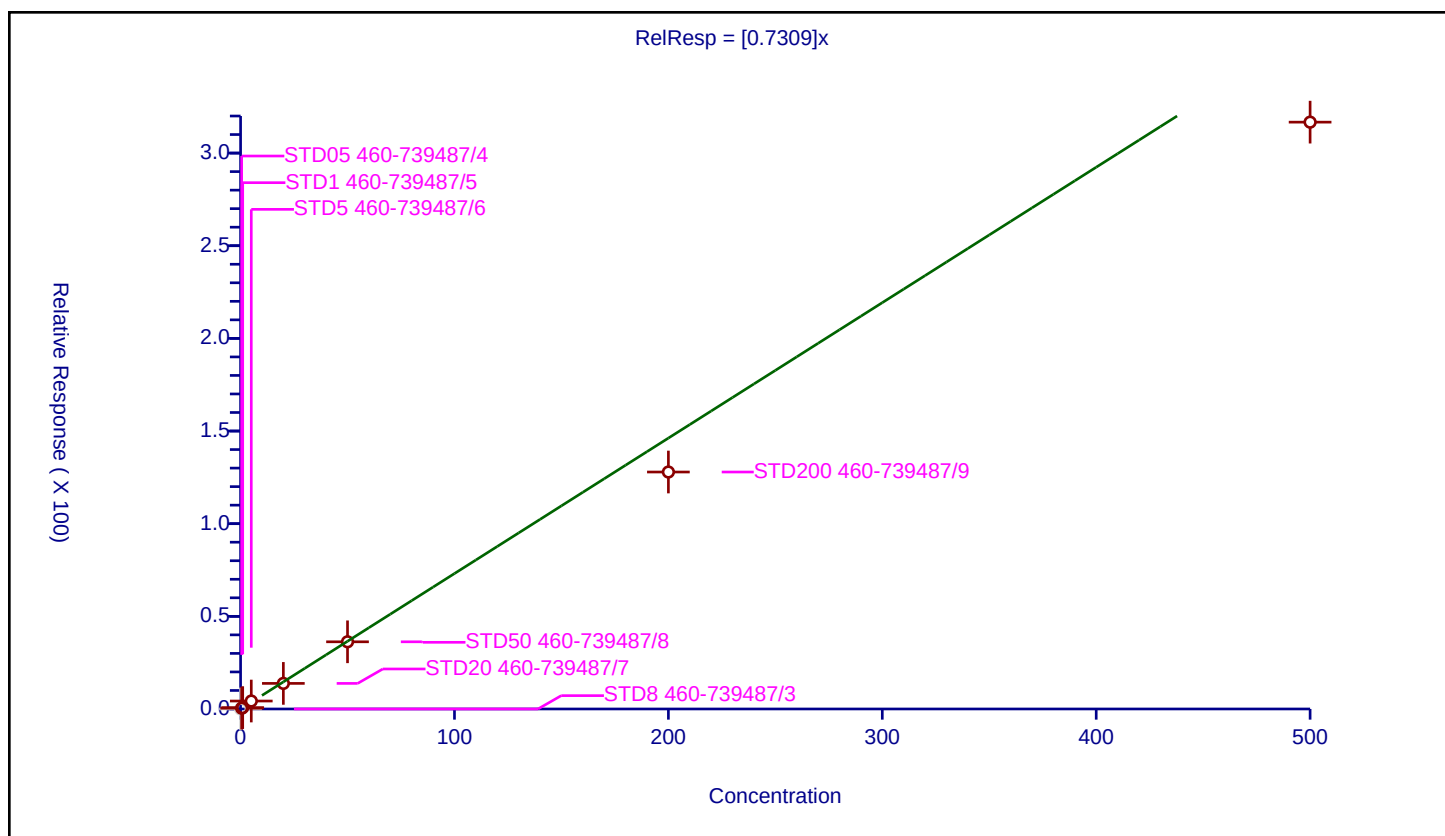
Curve Coefficients

Intercept: 0
Slope: 0.7309

Error Coefficients

Standard Error: 945000
Relative Standard Error: 12.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.41745	50.0	325189.0	0.834899	Y
3	STD1 460-739487/5	1.0	0.734947	50.0	325874.0	0.734947	Y
4	STD5 460-739487/6	5.0	4.290364	50.0	338864.0	0.858073	Y
5	STD20 460-739487/7	20.0	13.807904	50.0	324785.0	0.690395	Y
6	STD50 460-739487/8	50.0	36.261215	50.0	318427.0	0.725224	Y
7	STD200 460-739487/9	200.0	127.88735	50.0	335749.0	0.639437	Y
8	STD500 460-739487/10	500.0	316.690832	50.0	337260.0	0.633382	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

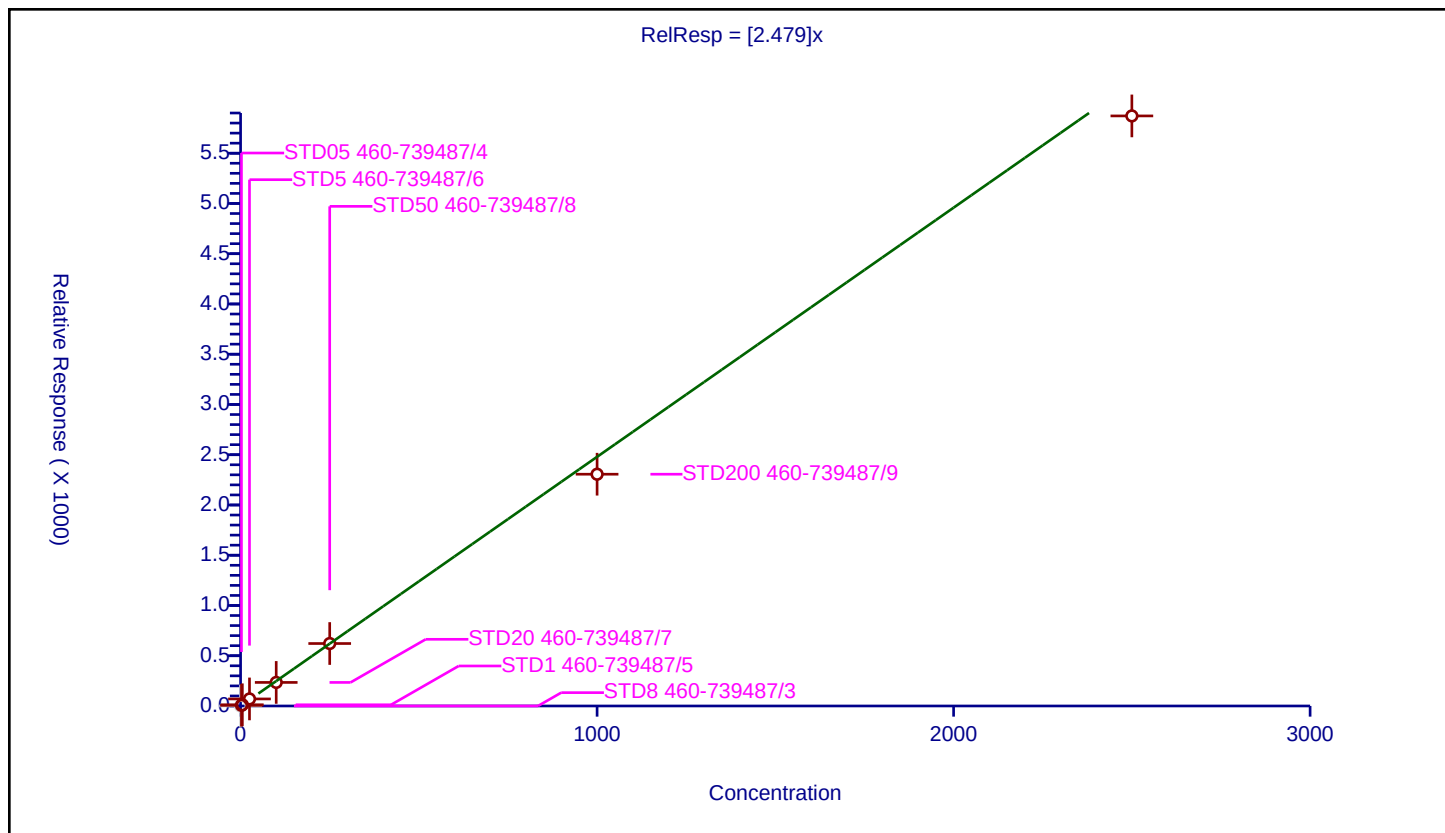
Curve Coefficients

Intercept: 0
Slope: 2.479

Error Coefficients

Standard Error: 2780000
Relative Standard Error: 7.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	2.5	6.672278	250.0	318407.0	2.668911	Y
3	STD1 460-739487/5	5.0	11.96729	250.0	319287.0	2.393458	Y
4	STD5 460-739487/6	25.0	70.172188	250.0	353509.0	2.806888	Y
5	STD20 460-739487/7	100.0	234.420898	250.0	315920.0	2.344209	Y
6	STD50 460-739487/8	250.0	621.436468	250.0	304824.0	2.485746	Y
7	STD200 460-739487/9	1000.0	2306.036187	250.0	290879.0	2.306036	Y
8	STD500 460-739487/10	2500.0	5871.088737	250.0	264141.0	2.348435	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

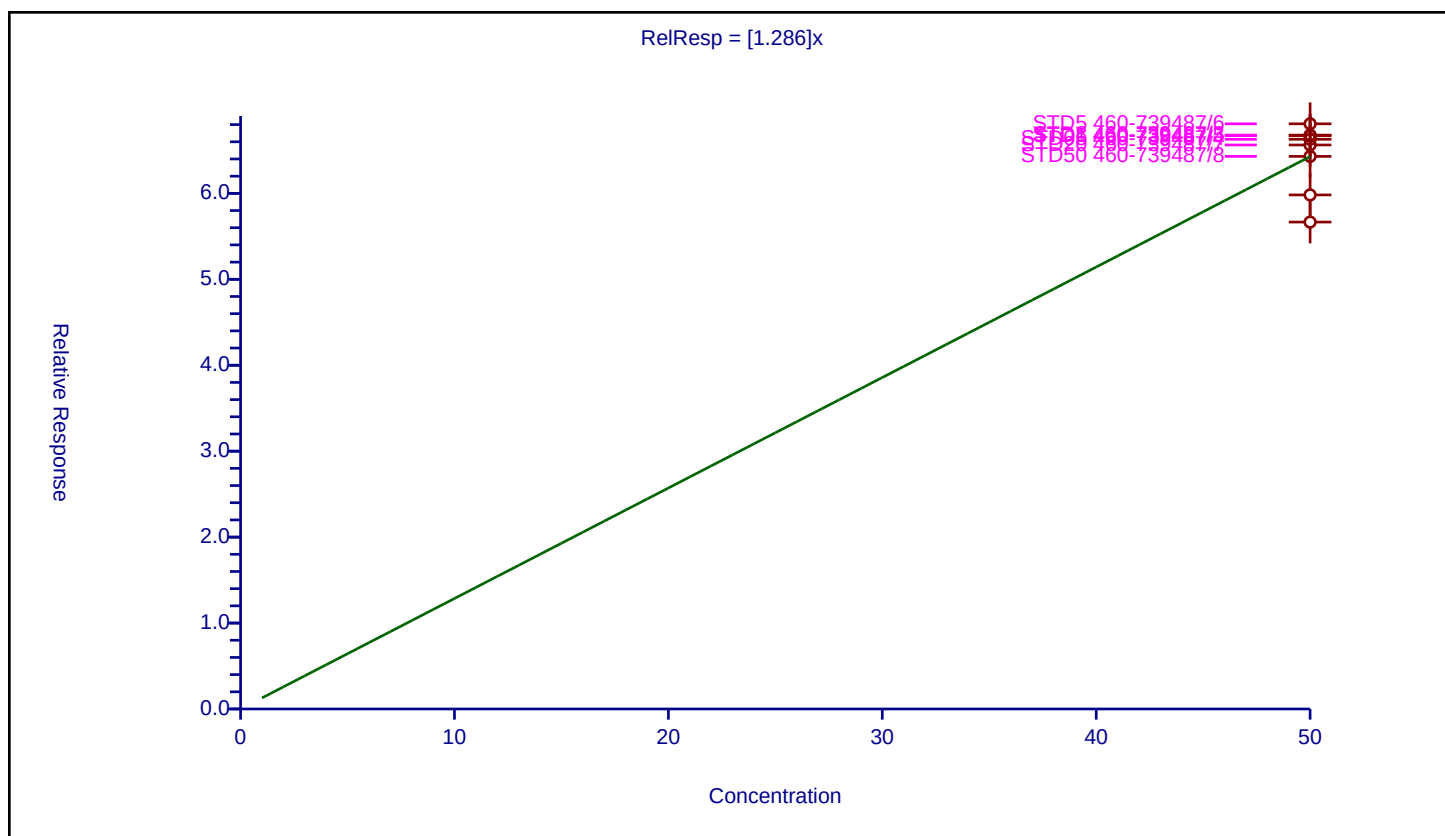
Curve Coefficients

Intercept: 0
 Slope: 1.286

Error Coefficients

Standard Error: 452000
 Relative Standard Error: 6.2
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	50.0	66.776875	50.0	323326.0	1.335538	Y
2	STD05 460-739487/4	50.0	66.29191	50.0	325189.0	1.325838	Y
3	STD1 460-739487/5	50.0	66.705997	50.0	325874.0	1.33412	Y
4	STD5 460-739487/6	50.0	68.092657	50.0	338864.0	1.361853	Y
5	STD20 460-739487/7	50.0	65.628647	50.0	324785.0	1.312573	Y
6	STD50 460-739487/8	50.0	64.303435	50.0	318427.0	1.286069	Y
7	STD200 460-739487/9	50.0	59.819687	50.0	335749.0	1.196394	Y
8	STD500 460-739487/10	50.0	56.658513	50.0	337260.0	1.13317	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

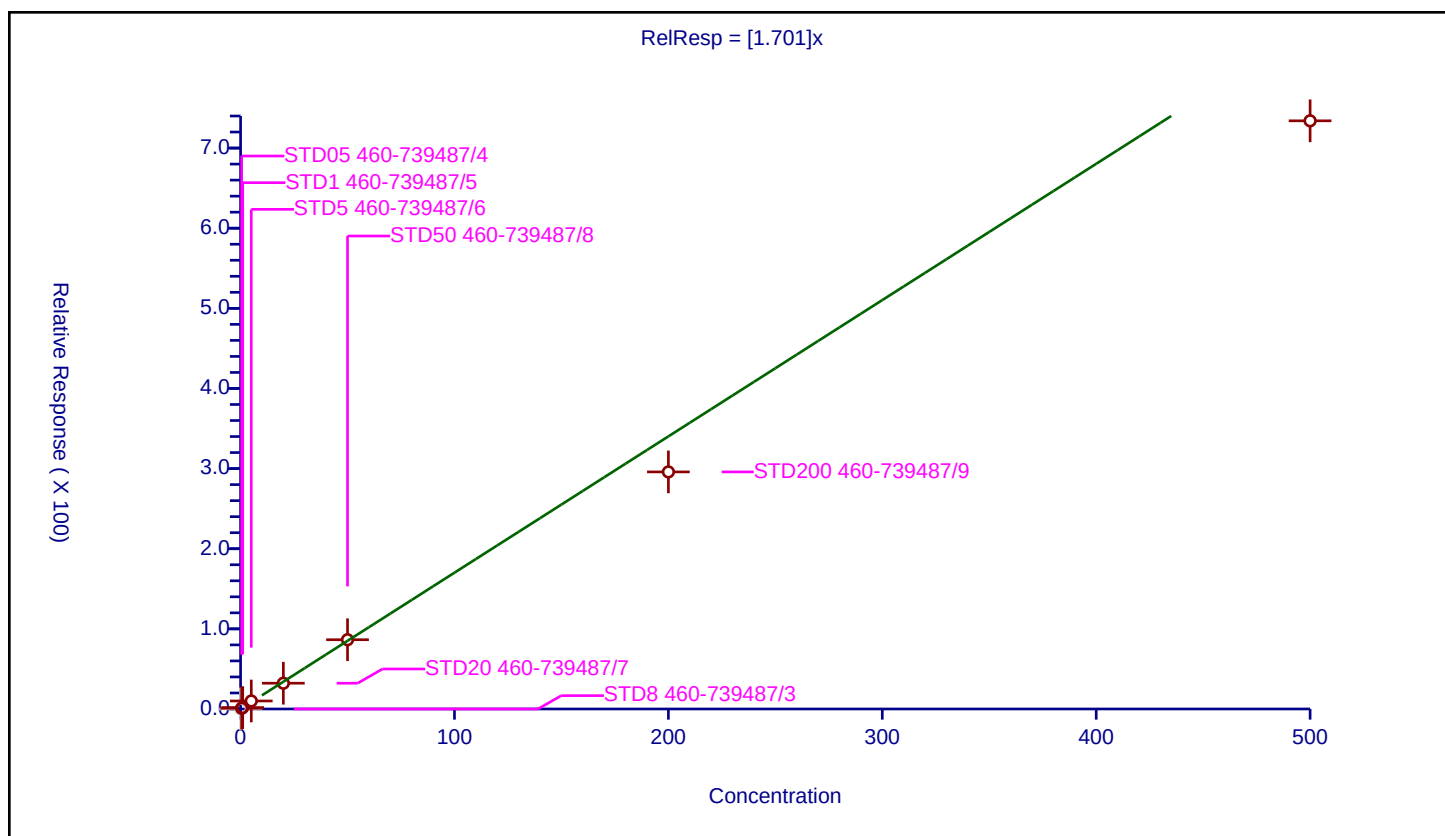
Curve Coefficients

Intercept: 0
 Slope: 1.701

Error Coefficients

Standard Error: 2190000
 Relative Standard Error: 11.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.913161	50.0	325189.0	1.826323	Y
3	STD1 460-739487/5	1.0	1.794098	50.0	325874.0	1.794098	Y
4	STD5 460-739487/6	5.0	10.009768	50.0	338864.0	2.001954	Y
5	STD20 460-739487/7	20.0	32.161738	50.0	324785.0	1.608087	Y
6	STD50 460-739487/8	50.0	86.433468	50.0	318427.0	1.728669	Y
7	STD200 460-739487/9	200.0	295.879958	50.0	335749.0	1.4794	Y
8	STD500 460-739487/10	500.0	734.002402	50.0	337260.0	1.468005	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

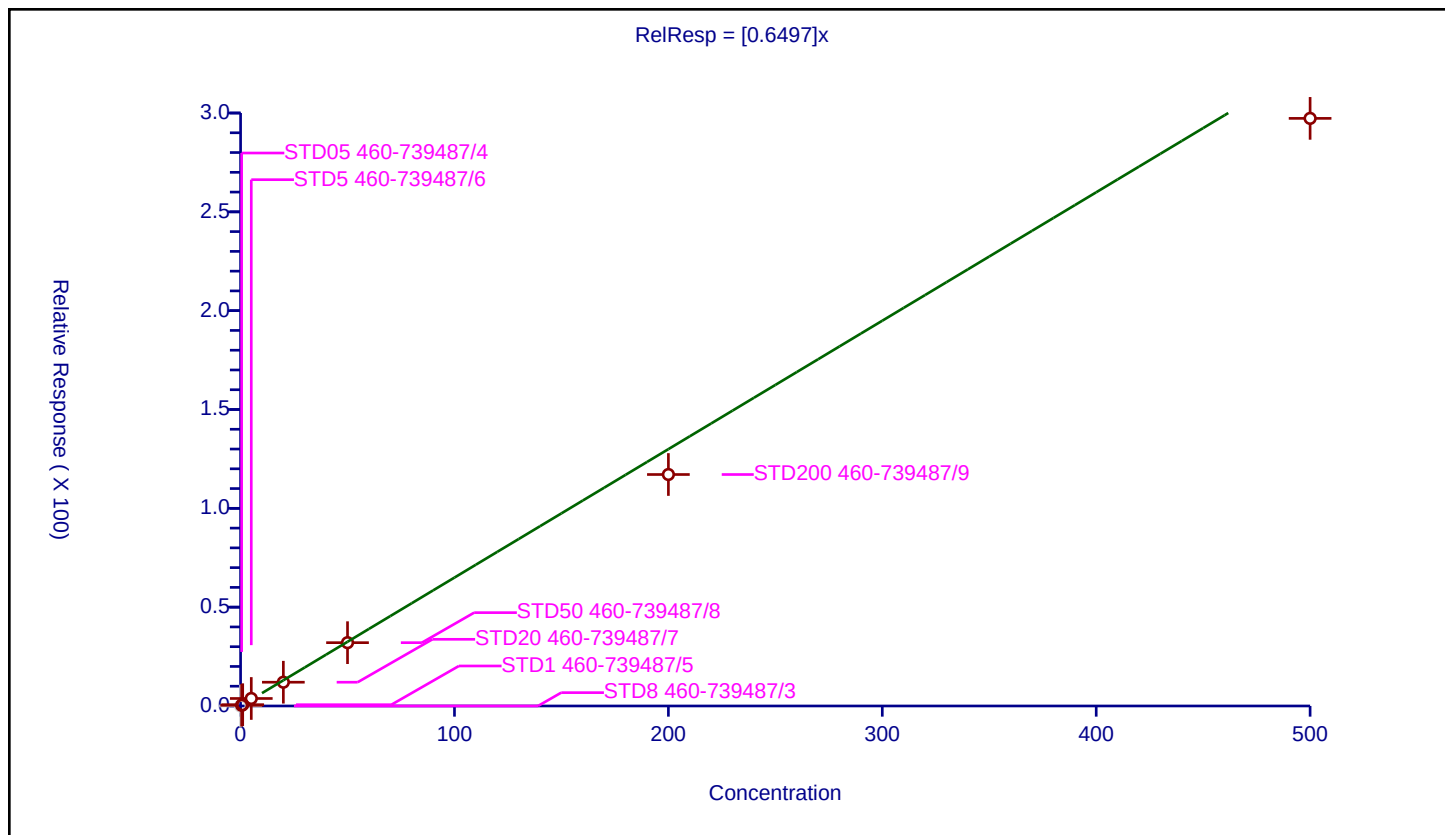
Curve Coefficients

Intercept: 0
 Slope: 0.6497

Error Coefficients

Standard Error: 884000
 Relative Standard Error: 10.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.358253	50.0	325189.0	0.716506	Y
3	STD1 460-739487/5	1.0	0.64841	50.0	325874.0	0.64841	Y
4	STD5 460-739487/6	5.0	3.803886	50.0	338864.0	0.760777	Y
5	STD20 460-739487/7	20.0	12.03119	50.0	324785.0	0.601559	Y
6	STD50 460-739487/8	50.0	32.034501	50.0	318427.0	0.64069	Y
7	STD200 460-739487/9	200.0	117.111146	50.0	335749.0	0.585556	Y
8	STD500 460-739487/10	500.0	297.284884	50.0	337260.0	0.59457	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

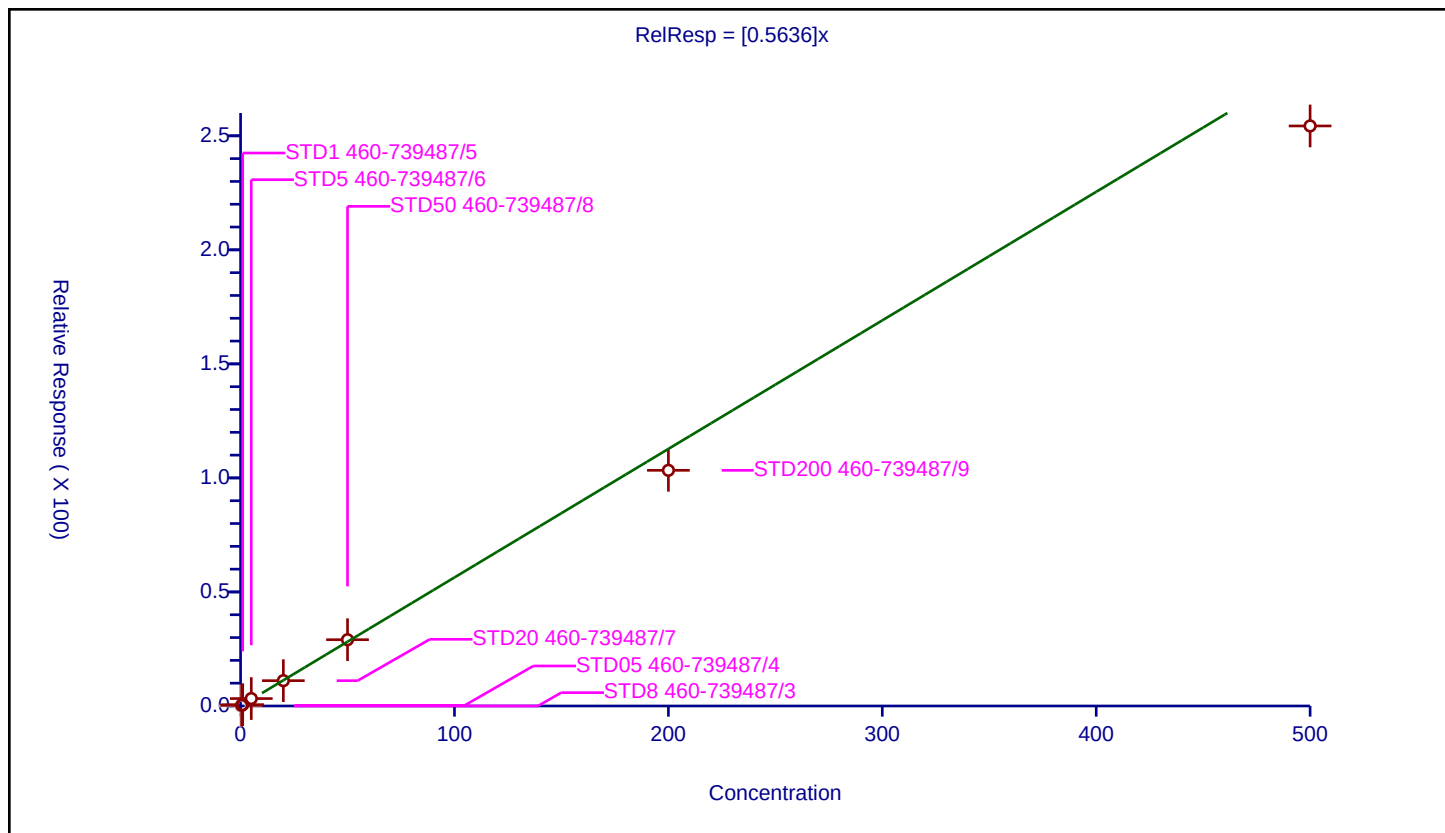
Curve Coefficients

Intercept: 0
 Slope: 0.5636

Error Coefficients

Standard Error: 760000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.277223	50.0	325189.0	0.554447	Y
3	STD1 460-739487/5	1.0	0.57691	50.0	325874.0	0.57691	Y
4	STD5 460-739487/6	5.0	3.261338	50.0	338864.0	0.652268	Y
5	STD20 460-739487/7	20.0	11.10119	50.0	324785.0	0.55506	Y
6	STD50 460-739487/8	50.0	29.061606	50.0	318427.0	0.581232	Y
7	STD200 460-739487/9	200.0	103.338059	50.0	335749.0	0.51669	Y
8	STD500 460-739487/10	500.0	254.326781	50.0	337260.0	0.508654	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

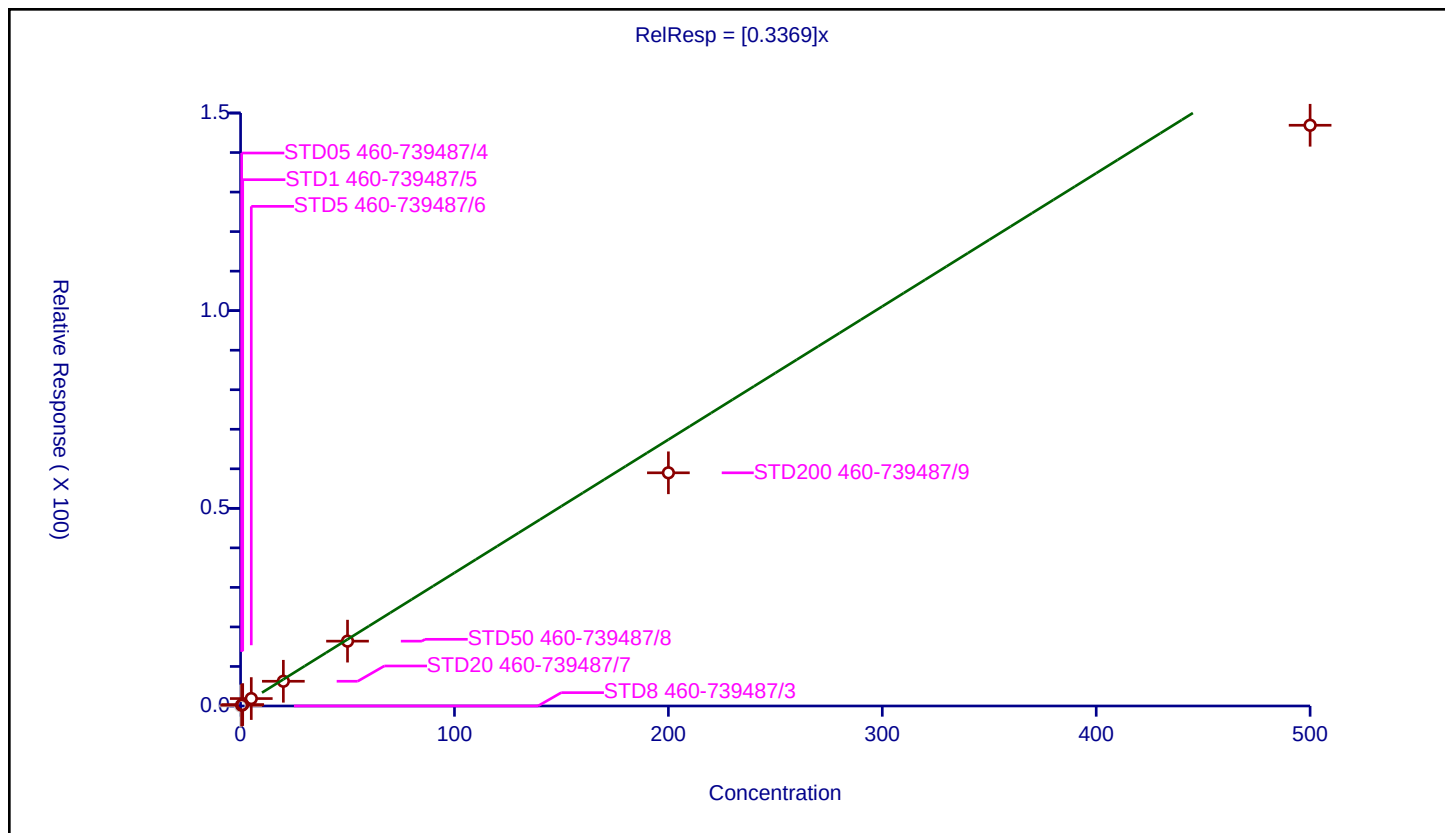
Curve Coefficients

Intercept: 0
Slope: 0.3369

Error Coefficients

Standard Error: 438000
Relative Standard Error: 12.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.200038	50.0	325189.0	0.400075	Y
3	STD1 460-739487/5	1.0	0.353511	50.0	325874.0	0.353511	Y
4	STD5 460-739487/6	5.0	1.876269	50.0	338864.0	0.375254	Y
5	STD20 460-739487/7	20.0	6.25737	50.0	324785.0	0.312869	Y
6	STD50 460-739487/8	50.0	16.405173	50.0	318427.0	0.328103	Y
7	STD200 460-739487/9	200.0	58.987815	50.0	335749.0	0.294939	Y
8	STD500 460-739487/10	500.0	146.904317	50.0	337260.0	0.293809	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

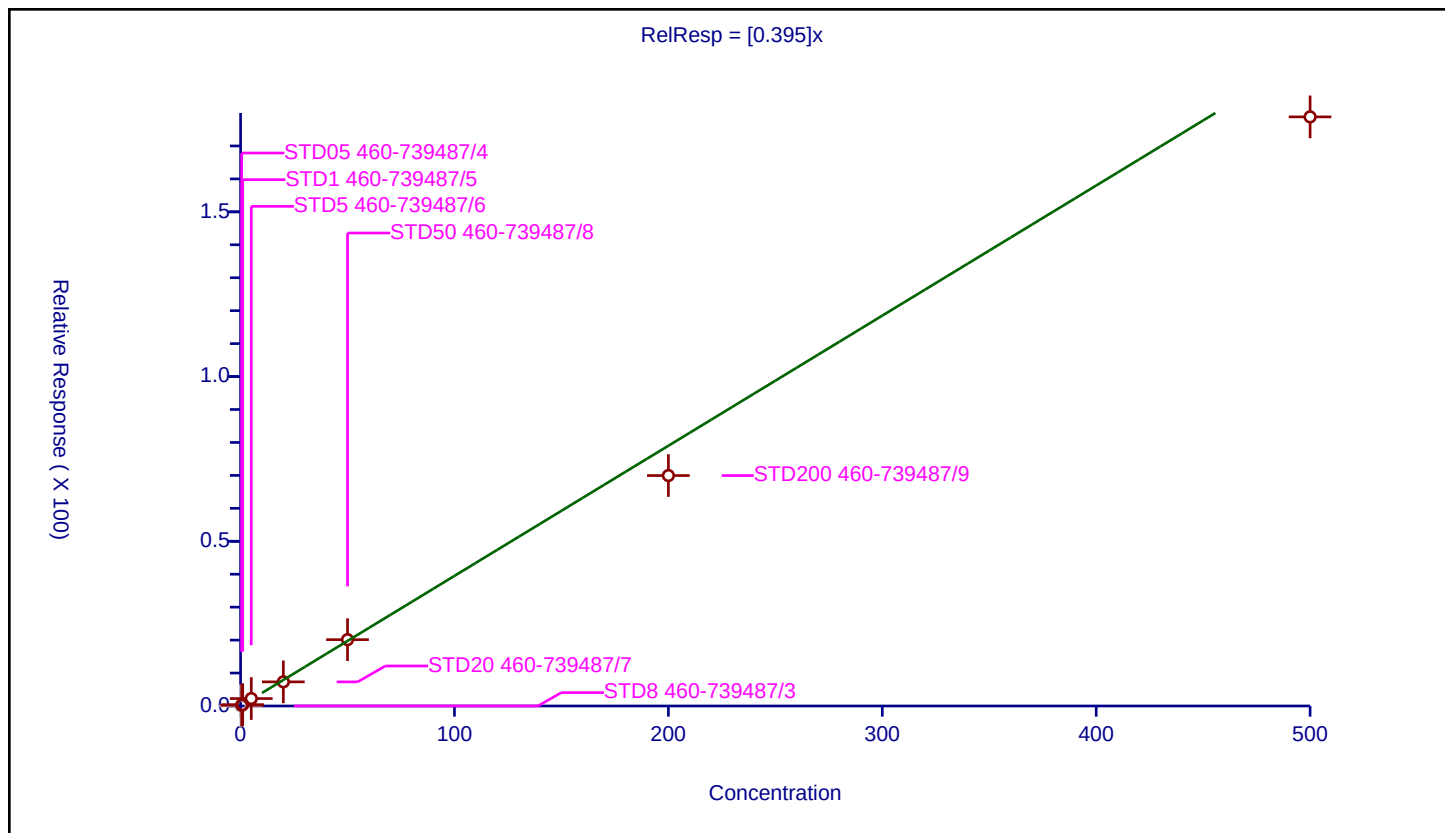
Curve Coefficients

Intercept: 0
Slope: 0.395

Error Coefficients

Standard Error: 531000
Relative Standard Error: 9.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.218488	50.0	325189.0	0.436977	Y
3	STD1 460-739487/5	1.0	0.400615	50.0	325874.0	0.400615	Y
4	STD5 460-739487/6	5.0	2.254444	50.0	338864.0	0.450889	Y
5	STD20 460-739487/7	20.0	7.325154	50.0	324785.0	0.366258	Y
6	STD50 460-739487/8	50.0	20.13774	50.0	318427.0	0.402755	Y
7	STD200 460-739487/9	200.0	69.947491	50.0	335749.0	0.349737	Y
8	STD500 460-739487/10	500.0	178.828649	50.0	337260.0	0.357657	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

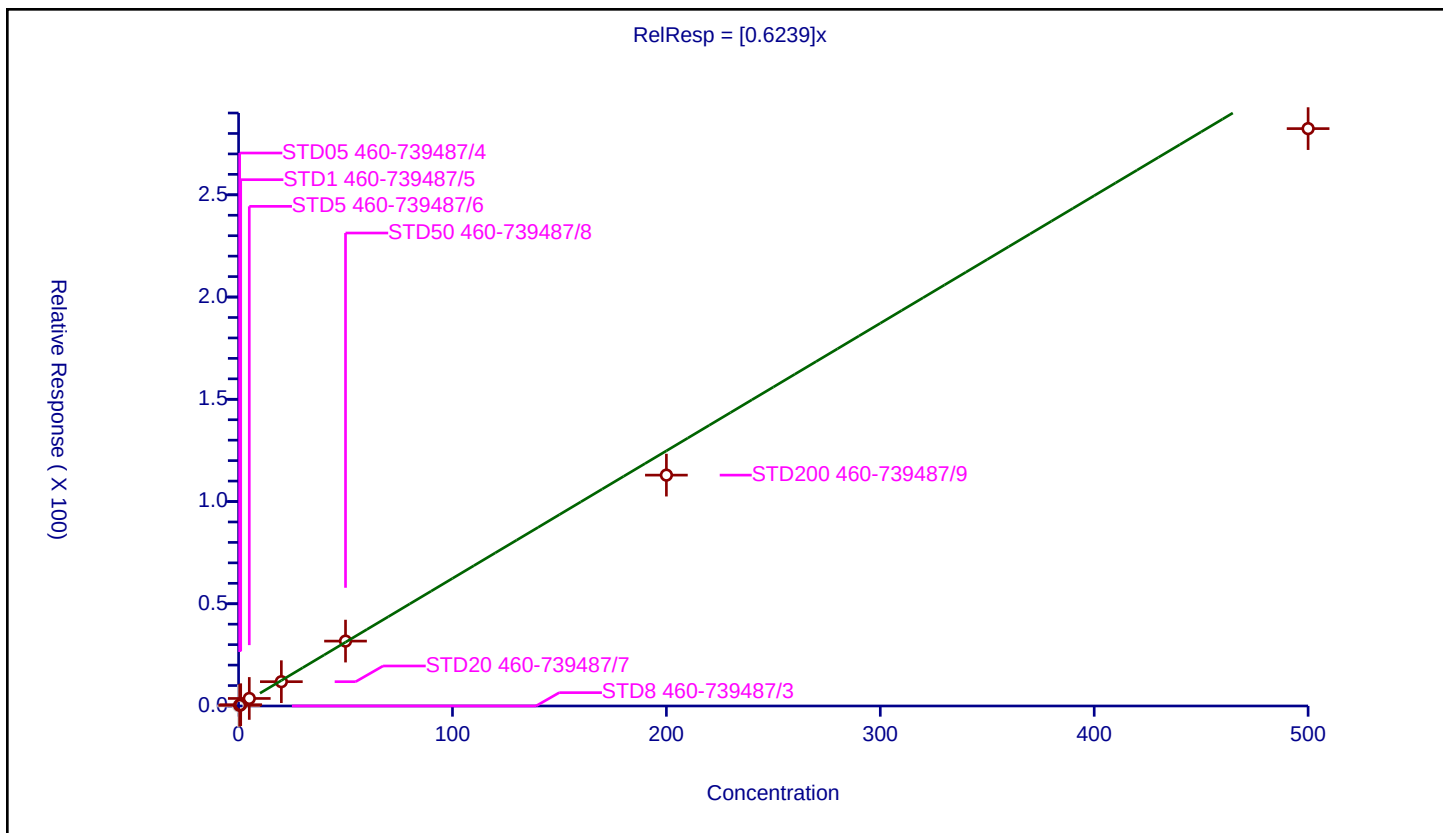
Curve Coefficients

Intercept: 0
 Slope: 0.6239

Error Coefficients

Standard Error: 842000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.320275	50.0	325189.0	0.640551	Y
3	STD1 460-739487/5	1.0	0.630765	50.0	325874.0	0.630765	Y
4	STD5 460-739487/6	5.0	3.688648	50.0	338864.0	0.73773	Y
5	STD20 460-739487/7	20.0	11.889866	50.0	324785.0	0.594493	Y
6	STD50 460-739487/8	50.0	31.737573	50.0	318427.0	0.634751	Y
7	STD200 460-739487/9	200.0	112.913963	50.0	335749.0	0.56457	Y
8	STD500 460-739487/10	500.0	282.375912	50.0	337260.0	0.564752	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

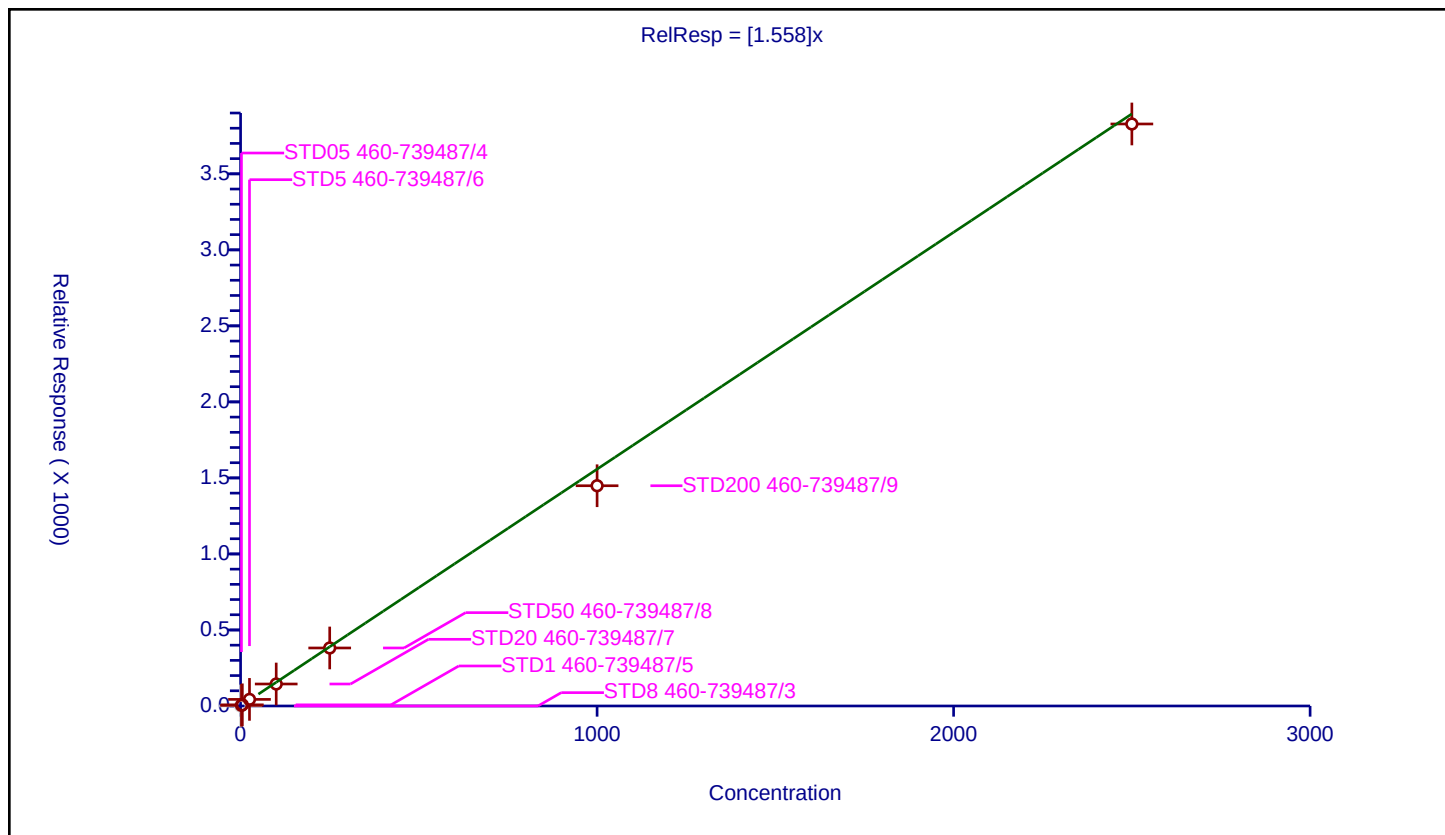
Curve Coefficients

Intercept: 0
 Slope: 1.558

Error Coefficients

Standard Error: 1800000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	250.0	316775.0	NaN	N
2	STD05 460-739487/4	2.5	4.242212	250.0	318407.0	1.696885	Y
3	STD1 460-739487/5	5.0	7.608359	250.0	319287.0	1.521672	Y
4	STD5 460-739487/6	25.0	43.334823	250.0	353509.0	1.733393	Y
5	STD20 460-739487/7	100.0	144.643422	250.0	315920.0	1.446434	Y
6	STD50 460-739487/8	250.0	381.549681	250.0	304824.0	1.526199	Y
7	STD200 460-739487/9	1000.0	1448.626405	250.0	290879.0	1.448626	Y
8	STD500 460-739487/10	2500.0	3827.894004	250.0	264141.0	1.531158	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

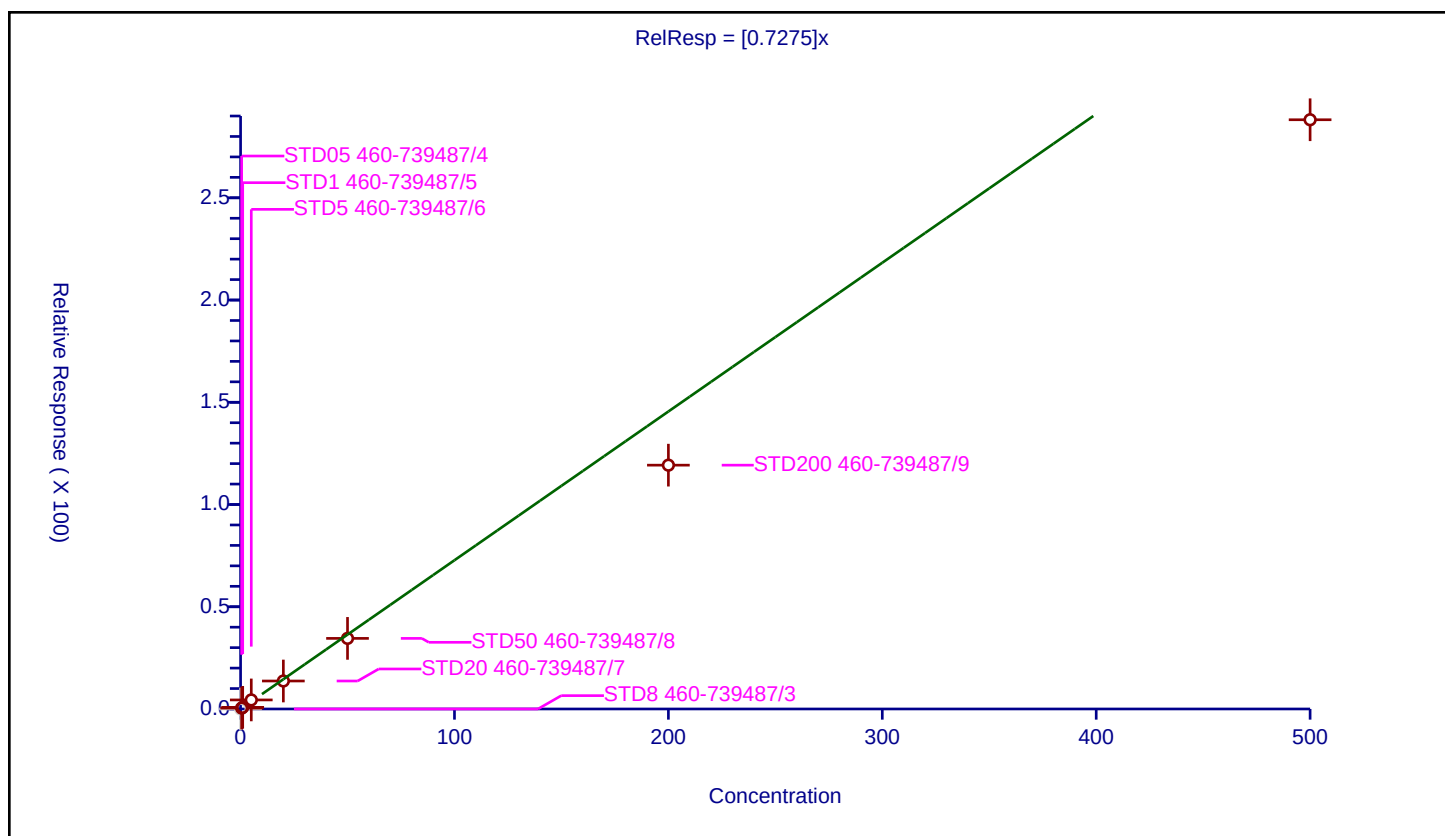
Curve Coefficients

Intercept: 0
Slope: 0.7275

Error Coefficients

Standard Error: 864000
Relative Standard Error: 17.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.432364	50.0	325189.0	0.864728	Y
3	STD1 460-739487/5	1.0	0.795706	50.0	325874.0	0.795706	Y
4	STD5 460-739487/6	5.0	4.422866	50.0	338864.0	0.884573	Y
5	STD20 460-739487/7	20.0	13.682436	50.0	324785.0	0.684122	Y
6	STD50 460-739487/8	50.0	34.528479	50.0	318427.0	0.69057	Y
7	STD200 460-739487/9	200.0	119.242053	50.0	335749.0	0.59621	Y
8	STD500 460-739487/10	500.0	288.171885	50.0	337260.0	0.576344	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

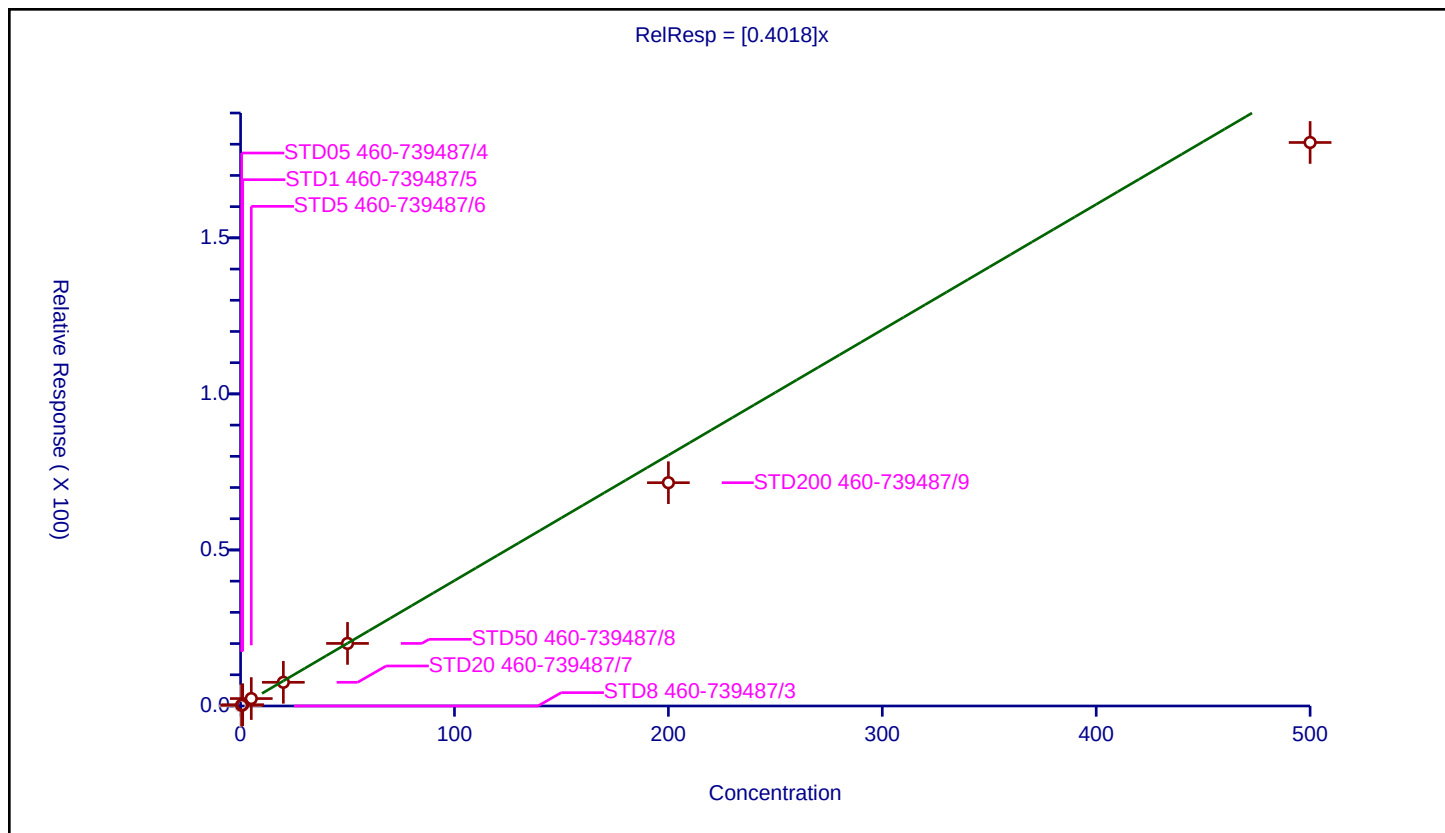
Curve Coefficients

Intercept: 0
Slope: 0.4018

Error Coefficients

Standard Error: 537000
Relative Standard Error: 10.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.215567	50.0	325189.0	0.431134	Y
3	STD1 460-739487/5	1.0	0.405525	50.0	325874.0	0.405525	Y
4	STD5 460-739487/6	5.0	2.382519	50.0	338864.0	0.476504	Y
5	STD20 460-739487/7	20.0	7.593947	50.0	324785.0	0.379697	Y
6	STD50 460-739487/8	50.0	20.052477	50.0	318427.0	0.40105	Y
7	STD200 460-739487/9	200.0	71.550474	50.0	335749.0	0.357752	Y
8	STD500 460-739487/10	500.0	180.556247	50.0	337260.0	0.361112	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

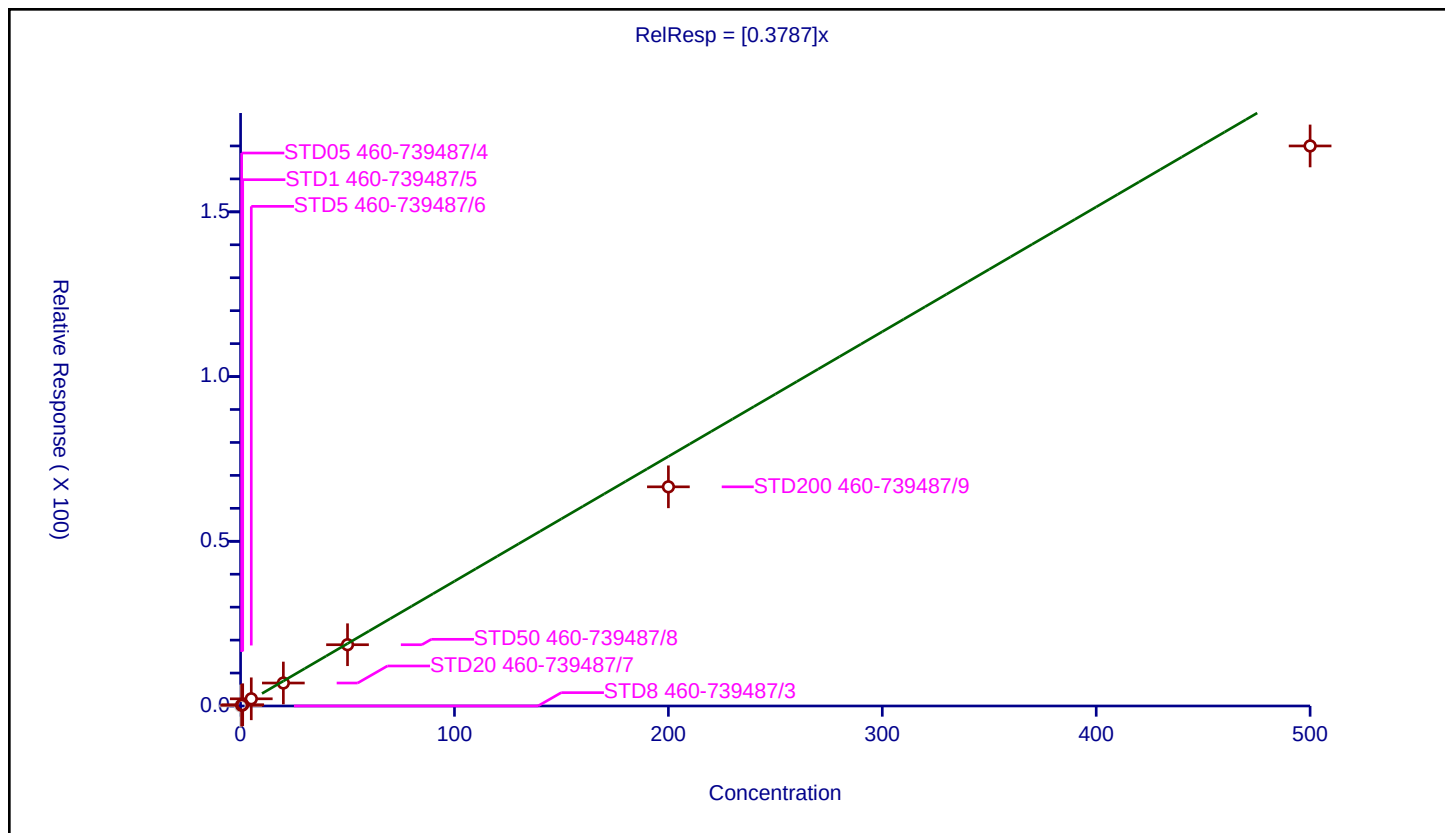
Curve Coefficients

Intercept: 0
 Slope: 0.3787

Error Coefficients

Standard Error: 505000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.221102	50.0	325189.0	0.442204	Y
3	STD1 460-739487/5	1.0	0.380208	50.0	325874.0	0.380208	Y
4	STD5 460-739487/6	5.0	2.17757	50.0	338864.0	0.435514	Y
5	STD20 460-739487/7	20.0	6.971381	50.0	324785.0	0.348569	Y
6	STD50 460-739487/8	50.0	18.598454	50.0	318427.0	0.371969	Y
7	STD200 460-739487/9	200.0	66.526483	50.0	335749.0	0.332632	Y
8	STD500 460-739487/10	500.0	170.004299	50.0	337260.0	0.340009	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

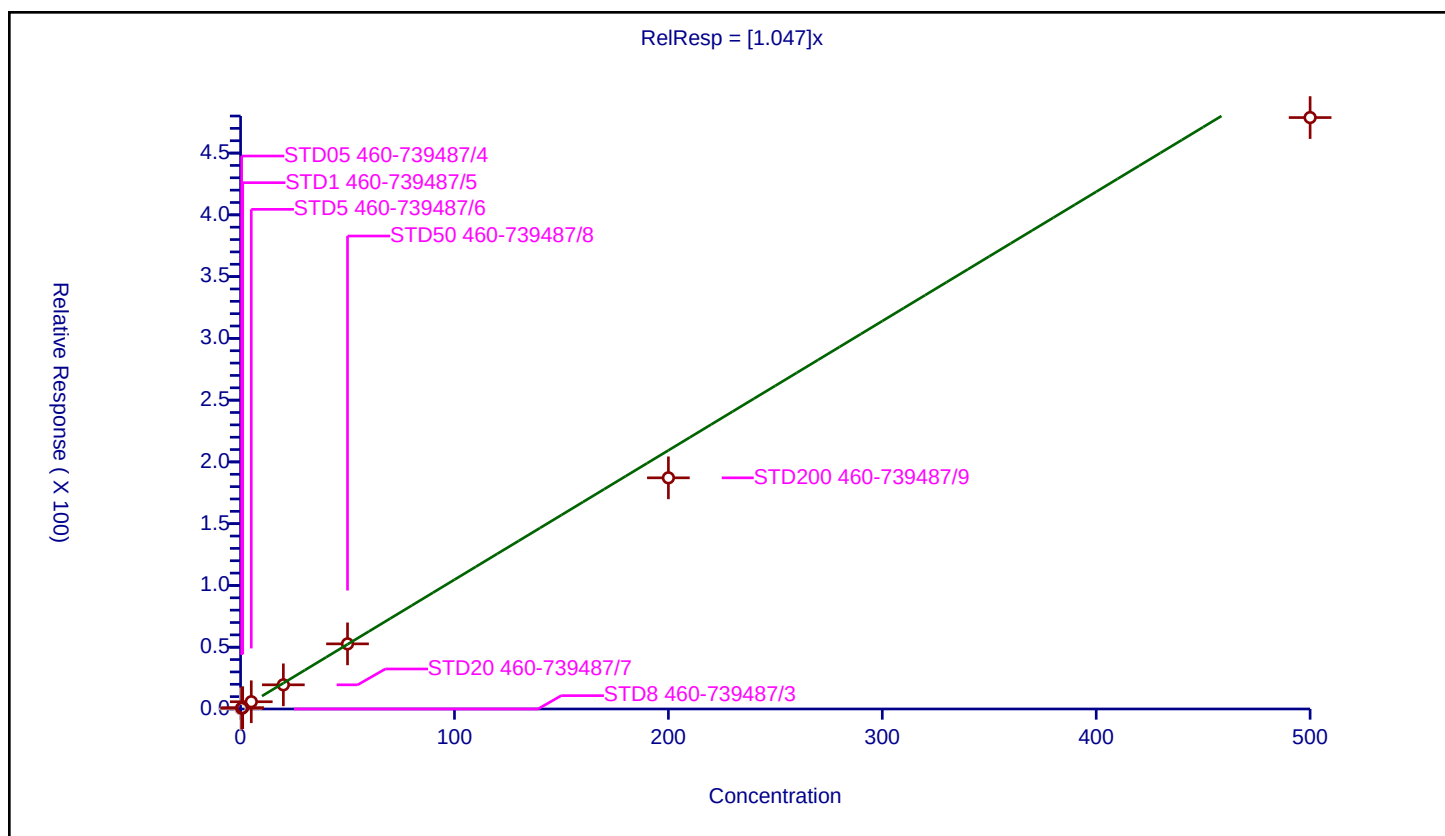
Curve Coefficients

Intercept: 0
 Slope: 1.047

Error Coefficients

Standard Error: 1420000
 Relative Standard Error: 9.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.583968	50.0	325189.0	1.167936	Y
3	STD1 460-739487/5	1.0	1.059919	50.0	325874.0	1.059919	Y
4	STD5 460-739487/6	5.0	5.867988	50.0	338864.0	1.173598	Y
5	STD20 460-739487/7	20.0	19.566482	50.0	324785.0	0.978324	Y
6	STD50 460-739487/8	50.0	52.717891	50.0	318427.0	1.054358	Y
7	STD200 460-739487/9	200.0	187.128629	50.0	335749.0	0.935643	Y
8	STD500 460-739487/10	500.0	478.739845	50.0	337260.0	0.95748	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

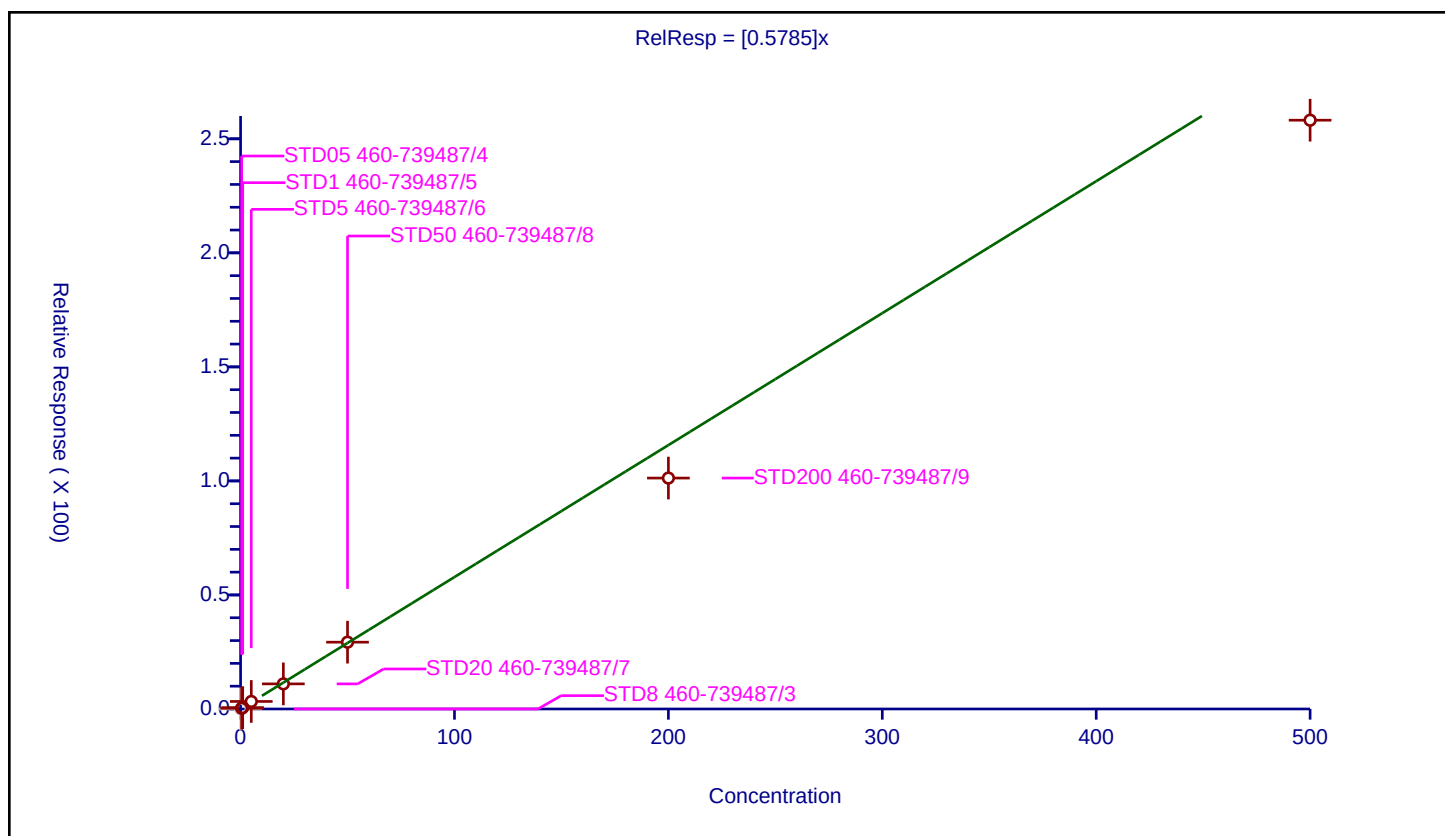
Curve Coefficients

Intercept: 0
Slope: 0.5785

Error Coefficients

Standard Error: 767000
Relative Standard Error: 9.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.314125	50.0	325189.0	0.62825	Y
3	STD1 460-739487/5	1.0	0.60238	50.0	325874.0	0.60238	Y
4	STD5 460-739487/6	5.0	3.298964	50.0	338864.0	0.659793	Y
5	STD20 460-739487/7	20.0	11.01344	50.0	324785.0	0.550672	Y
6	STD50 460-739487/8	50.0	29.297924	50.0	318427.0	0.585958	Y
7	STD200 460-739487/9	200.0	101.254657	50.0	335749.0	0.506273	Y
8	STD500 460-739487/10	500.0	258.166103	50.0	337260.0	0.516332	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

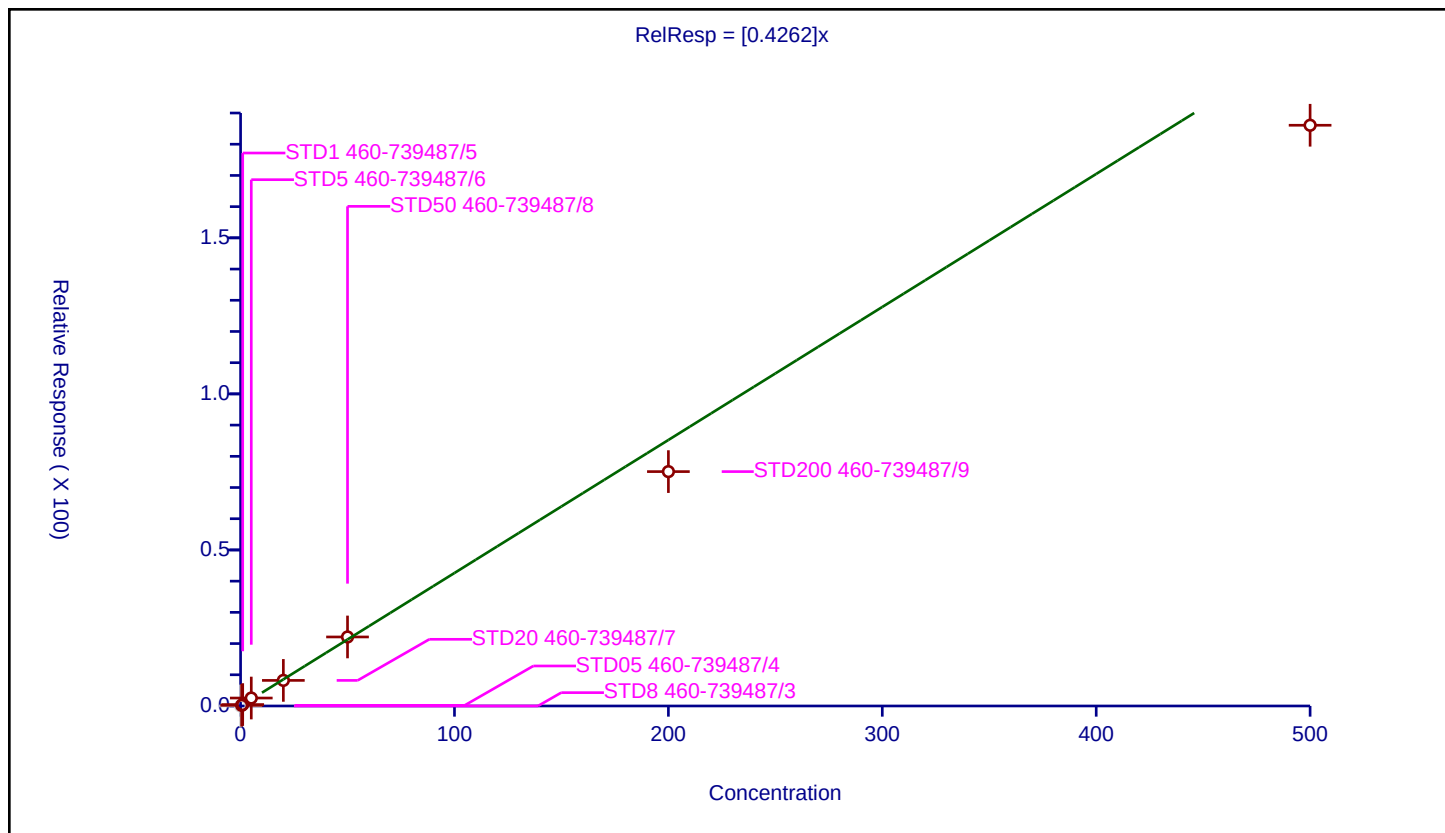
Curve Coefficients

Intercept: 0
Slope: 0.4262

Error Coefficients

Standard Error: 556000
Relative Standard Error: 11.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.206188	50.0	325189.0	0.412376	Y
3	STD1 460-739487/5	1.0	0.461068	50.0	325874.0	0.461068	Y
4	STD5 460-739487/6	5.0	2.549695	50.0	338864.0	0.509939	Y
5	STD20 460-739487/7	20.0	8.199886	50.0	324785.0	0.409994	Y
6	STD50 460-739487/8	50.0	22.115116	50.0	318427.0	0.442302	Y
7	STD200 460-739487/9	200.0	75.100298	50.0	335749.0	0.375501	Y
8	STD500 460-739487/10	500.0	186.0781	50.0	337260.0	0.372156	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

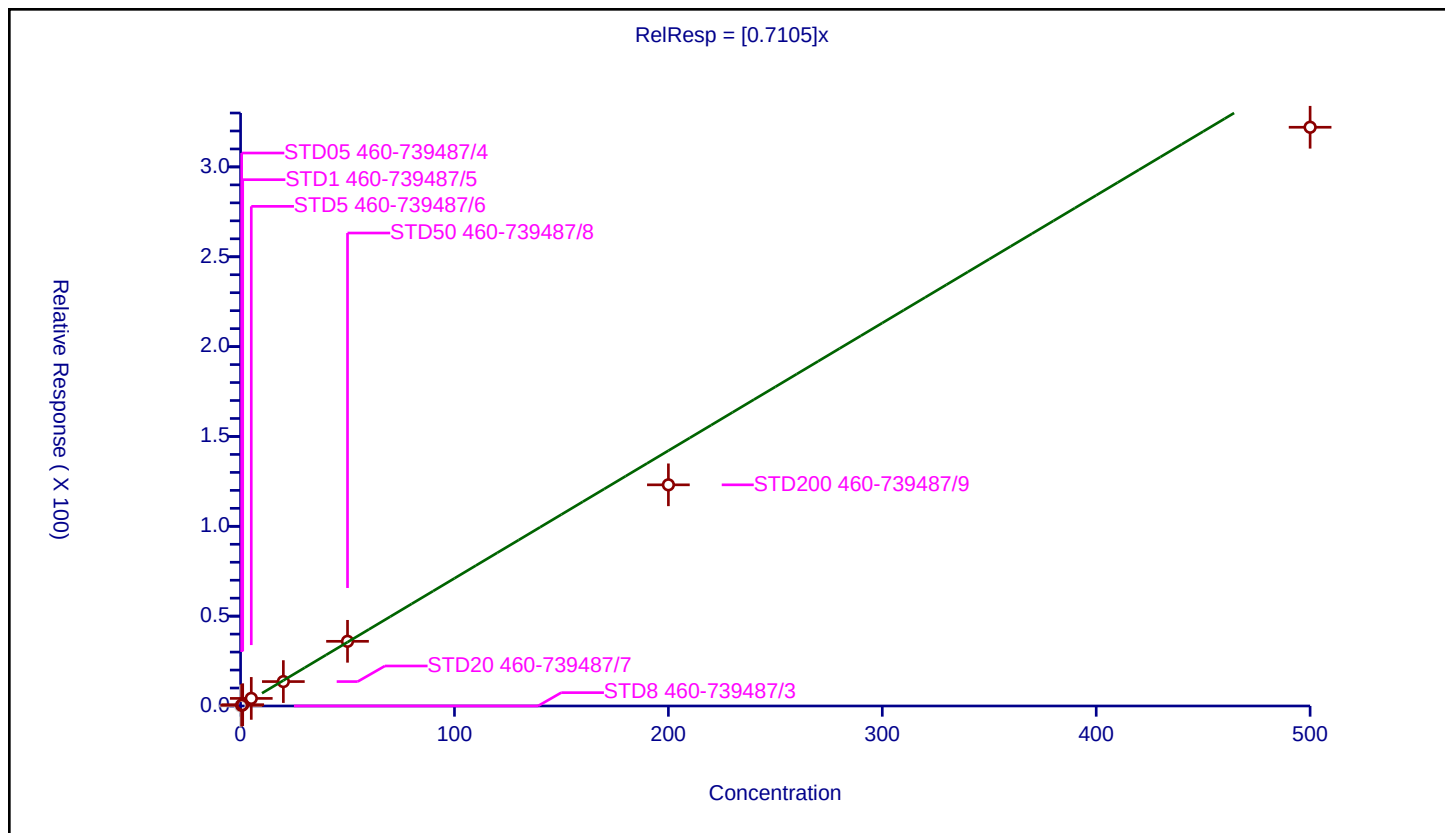
Curve Coefficients

Intercept: 0
 Slope: 0.7105

Error Coefficients

Standard Error: 954000
 Relative Standard Error: 10.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.372706	50.0	325189.0	0.745413	Y
3	STD1 460-739487/5	1.0	0.723899	50.0	325874.0	0.723899	Y
4	STD5 460-739487/6	5.0	4.228688	50.0	338864.0	0.845738	Y
5	STD20 460-739487/7	20.0	13.581138	50.0	324785.0	0.679057	Y
6	STD50 460-739487/8	50.0	35.988468	50.0	318427.0	0.719769	Y
7	STD200 460-739487/9	200.0	123.085698	50.0	335749.0	0.615428	Y
8	STD500 460-739487/10	500.0	322.076884	50.0	337260.0	0.644154	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

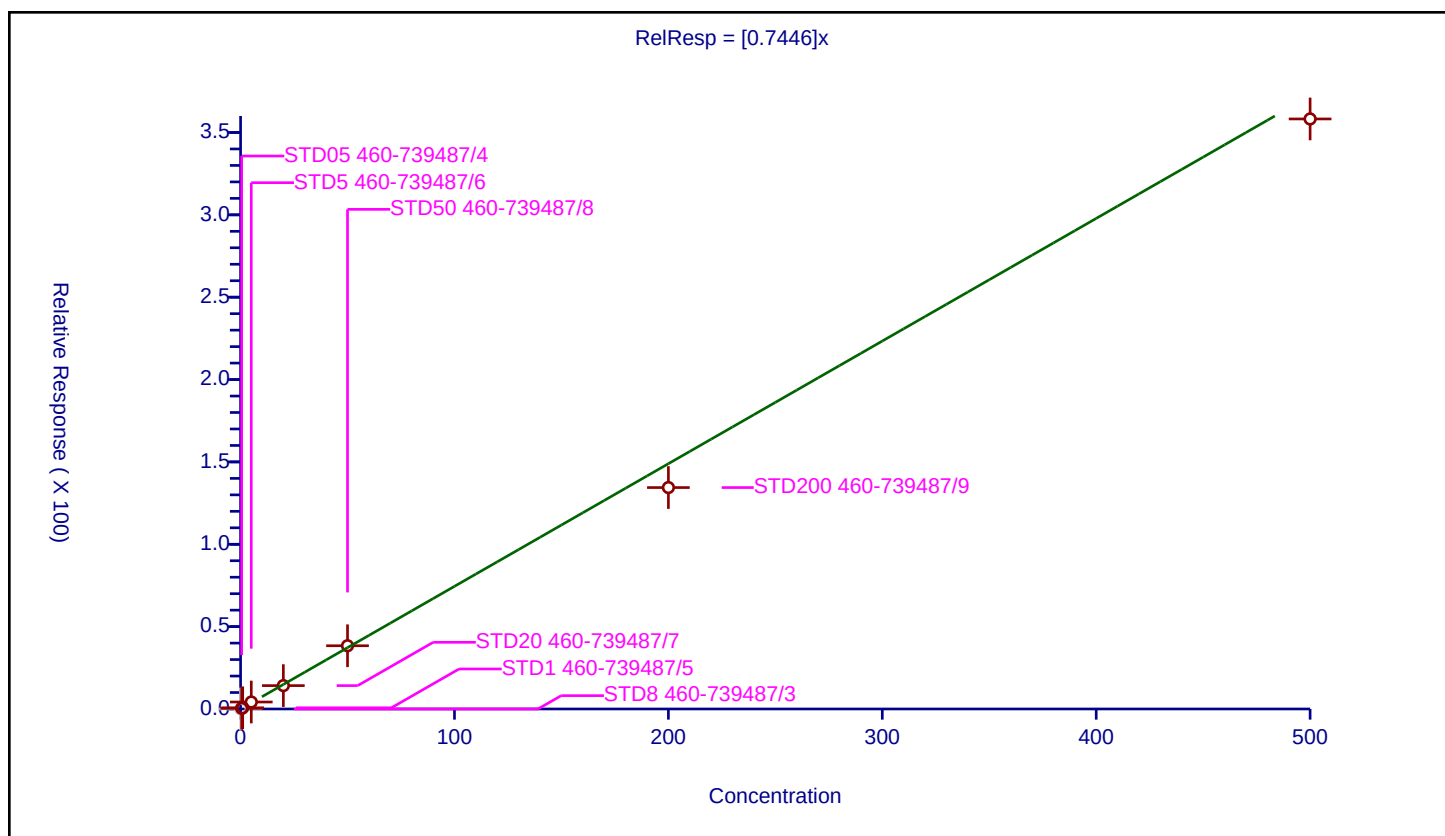
Curve Coefficients

Intercept: 0
 Slope: 0.7446

Error Coefficients

Standard Error: 1060000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.385929	50.0	325189.0	0.771859	Y
3	STD1 460-739487/5	1.0	0.726968	50.0	325874.0	0.726968	Y
4	STD5 460-739487/6	5.0	4.237098	50.0	338864.0	0.84742	Y
5	STD20 460-739487/7	20.0	14.183075	50.0	324785.0	0.709154	Y
6	STD50 460-739487/8	50.0	38.400167	50.0	318427.0	0.768003	Y
7	STD200 460-739487/9	200.0	134.435099	50.0	335749.0	0.672175	Y
8	STD500 460-739487/10	500.0	358.219475	50.0	337260.0	0.716439	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

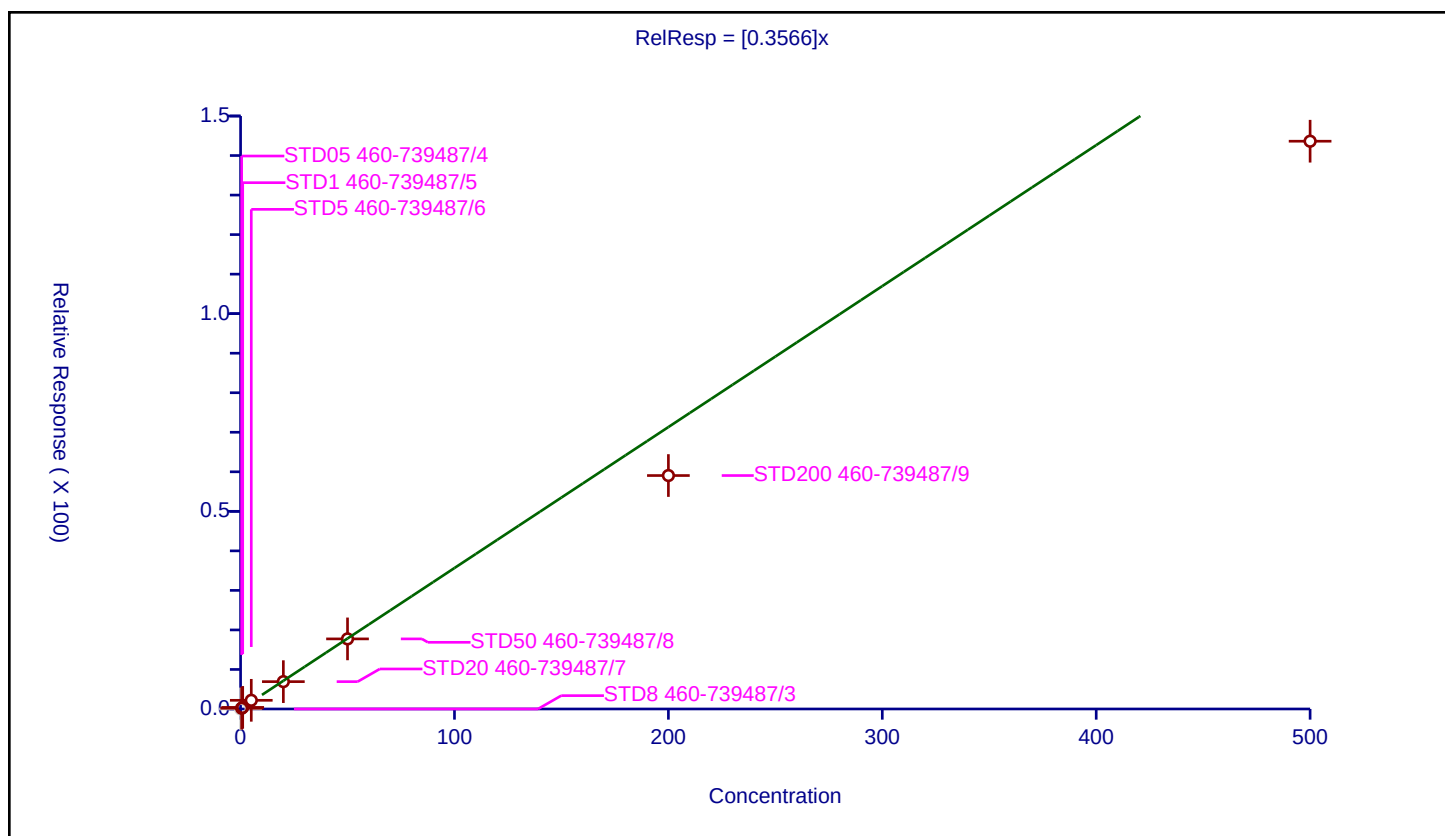
Curve Coefficients

Intercept: 0
 Slope: 0.3566

Error Coefficients

Standard Error: 430000
 Relative Standard Error: 15.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.185738	50.0	325189.0	0.371476	Y
3	STD1 460-739487/5	1.0	0.402763	50.0	325874.0	0.402763	Y
4	STD5 460-739487/6	5.0	2.194243	50.0	338864.0	0.438849	Y
5	STD20 460-739487/7	20.0	6.919193	50.0	324785.0	0.34596	Y
6	STD50 460-739487/8	50.0	17.728082	50.0	318427.0	0.354562	Y
7	STD200 460-739487/9	200.0	59.055723	50.0	335749.0	0.295279	Y
8	STD500 460-739487/10	500.0	143.625838	50.0	337260.0	0.287252	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

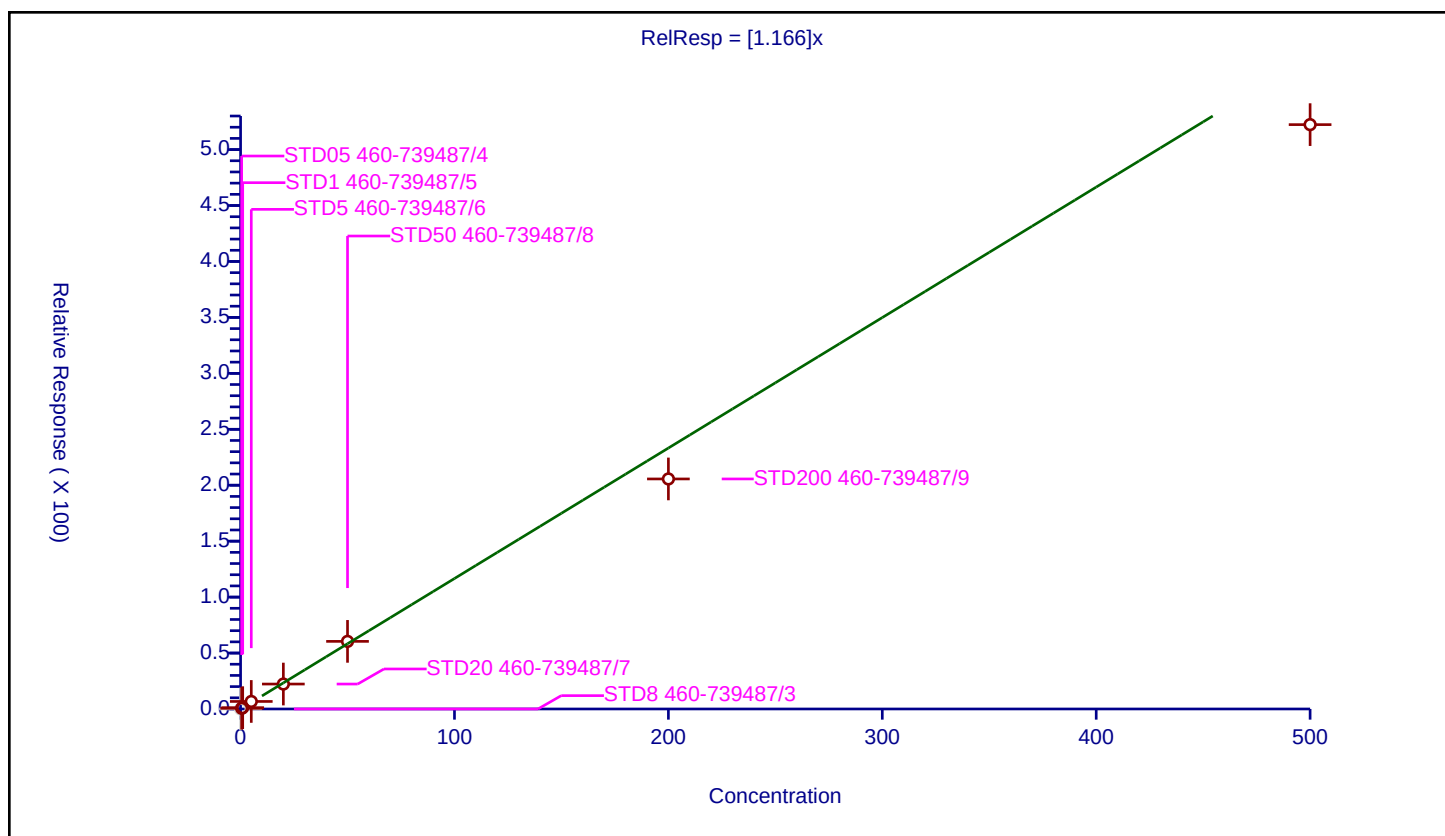
Curve Coefficients

Intercept: 0
 Slope: 1.166

Error Coefficients

Standard Error: 1550000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.617948	50.0	325189.0	1.235897	Y
3	STD1 460-739487/5	1.0	1.186962	50.0	325874.0	1.186962	Y
4	STD5 460-739487/6	5.0	6.724232	50.0	338864.0	1.344846	Y
5	STD20 460-739487/7	20.0	22.286128	50.0	324785.0	1.114306	Y
6	STD50 460-739487/8	50.0	60.426252	50.0	318427.0	1.208525	Y
7	STD200 460-739487/9	200.0	205.613271	50.0	335749.0	1.028066	Y
8	STD500 460-739487/10	500.0	522.307419	50.0	337260.0	1.044615	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

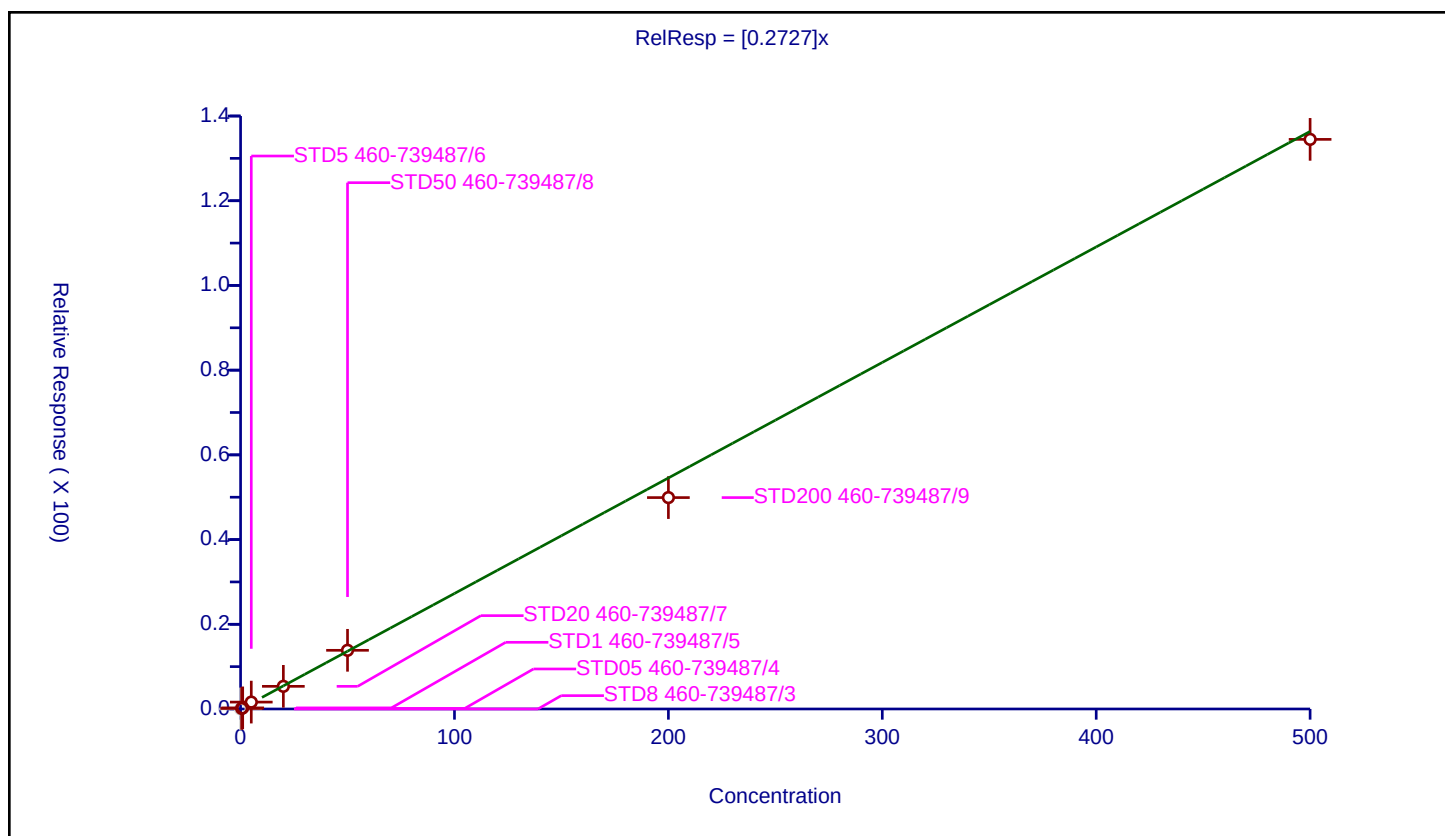
Curve Coefficients

Intercept: 0
Slope: 0.2727

Error Coefficients

Standard Error: 397000
Relative Standard Error: 9.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	0.131001	50.0	325189.0	0.262001	Y
3	STD1 460-739487/5	1.0	0.258689	50.0	325874.0	0.258689	Y
4	STD5 460-739487/6	5.0	1.627349	50.0	338864.0	0.32547	Y
5	STD20 460-739487/7	20.0	5.34723	50.0	324785.0	0.267361	Y
6	STD50 460-739487/8	50.0	13.854667	50.0	318427.0	0.277093	Y
7	STD200 460-739487/9	200.0	49.911541	50.0	335749.0	0.249558	Y
8	STD500 460-739487/10	500.0	134.483781	50.0	337260.0	0.268968	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

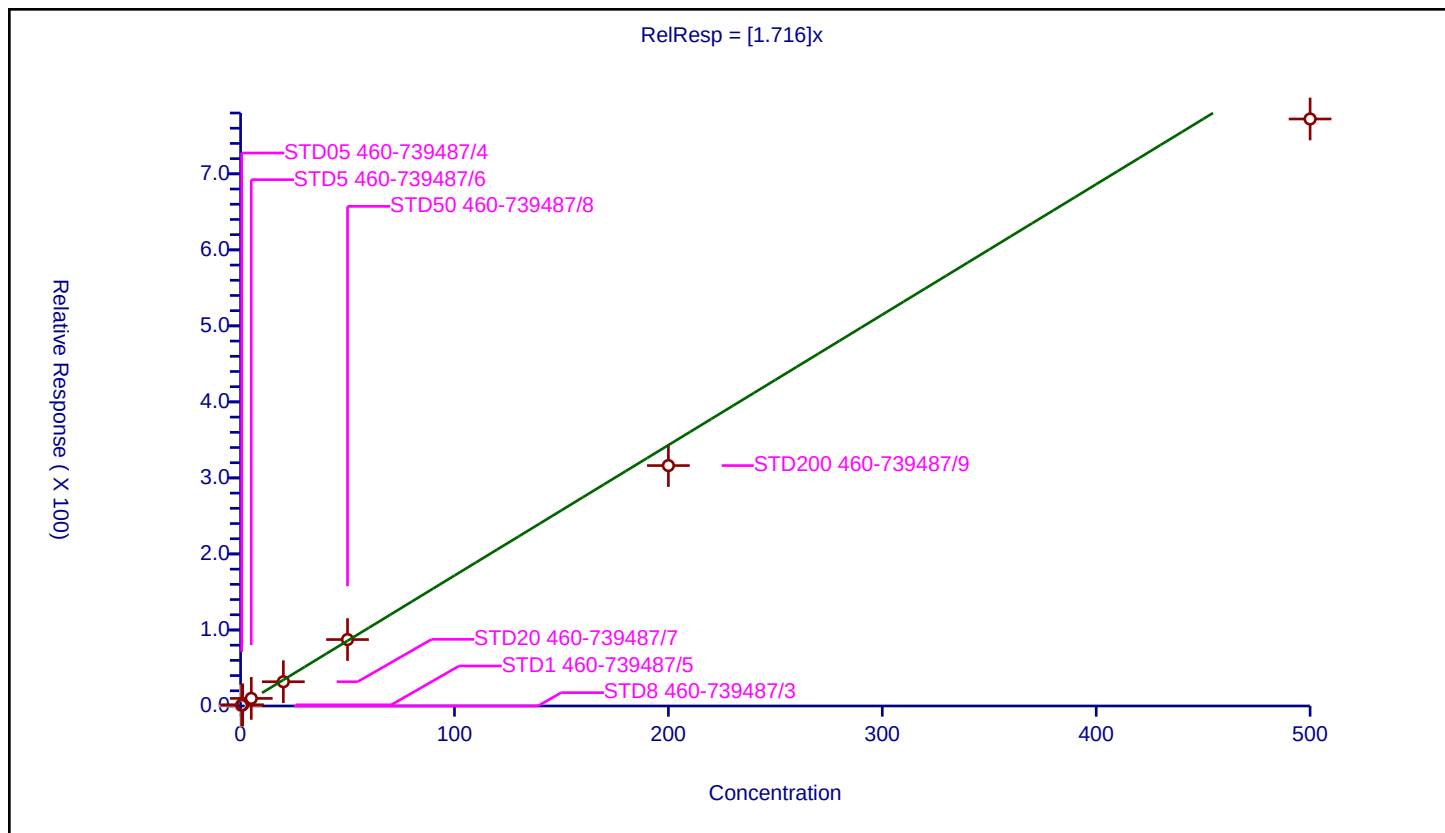
Curve Coefficients

Intercept: 0
 Slope: 1.716

Error Coefficients

Standard Error: 1060000
 Relative Standard Error: 11.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.989676	50.0	176674.0	1.979352	Y
3	STD1 460-739487/5	1.0	1.567944	50.0	173635.0	1.567944	Y
4	STD5 460-739487/6	5.0	9.97428	50.0	178073.0	1.994856	Y
5	STD20 460-739487/7	20.0	31.89843	50.0	169361.0	1.594921	Y
6	STD50 460-739487/8	50.0	87.39222	50.0	155757.0	1.747844	Y
7	STD200 460-739487/9	200.0	316.25378	50.0	149476.0	1.581269	Y
8	STD500 460-739487/10	500.0	772.146698	50.0	154917.0	1.544293	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

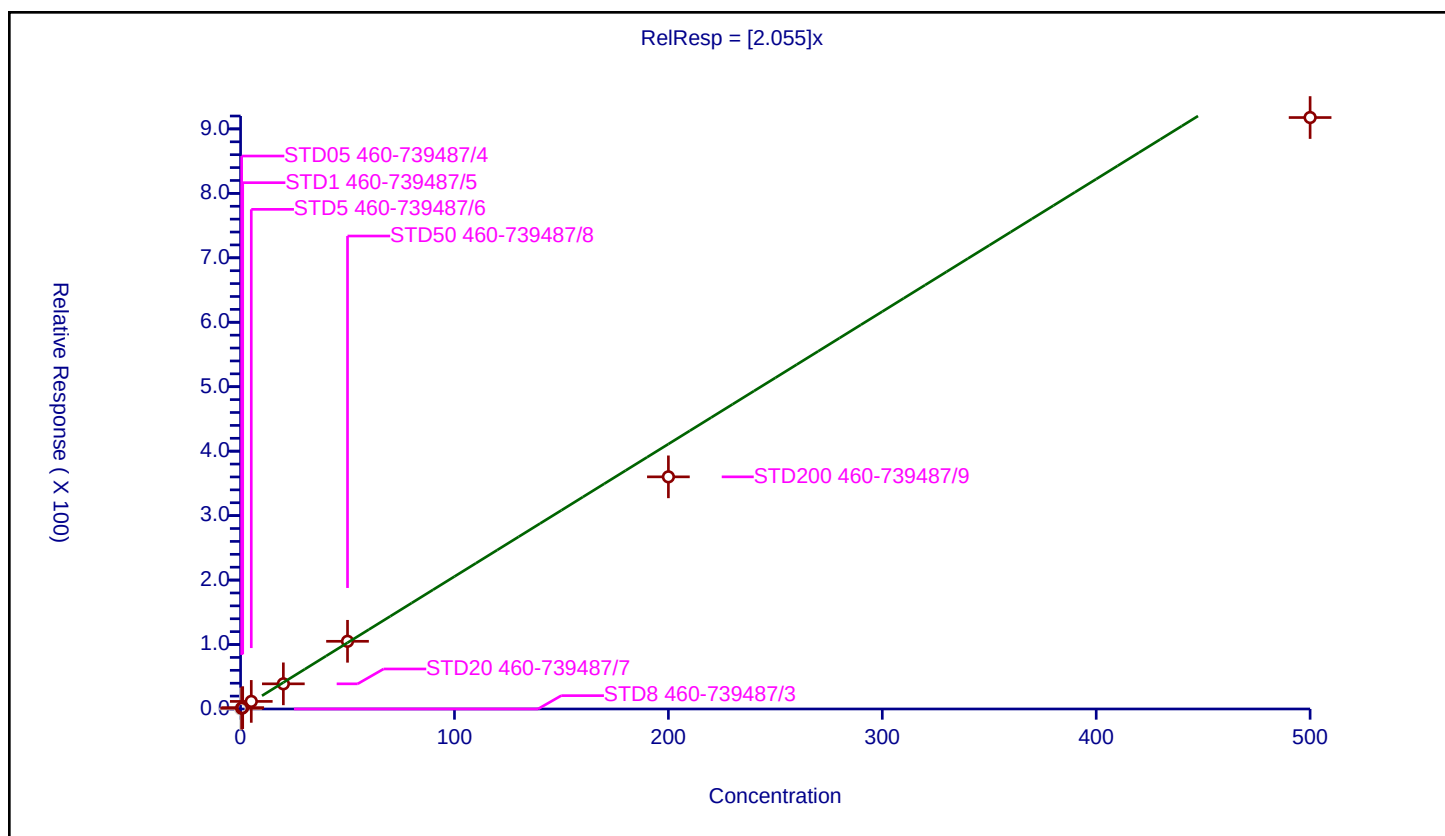
Curve Coefficients

Intercept: 0
Slope: 2.055

Error Coefficients

Standard Error: 2730000
Relative Standard Error: 10.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	323326.0	NaN	N
2	STD05 460-739487/4	0.5	1.138107	50.0	325189.0	2.276215	Y
3	STD1 460-739487/5	1.0	2.07212	50.0	325874.0	2.07212	Y
4	STD5 460-739487/6	5.0	11.758405	50.0	338864.0	2.351681	Y
5	STD20 460-739487/7	20.0	39.02828	50.0	324785.0	1.951414	Y
6	STD50 460-739487/8	50.0	105.013708	50.0	318427.0	2.100274	Y
7	STD200 460-739487/9	200.0	360.195861	50.0	335749.0	1.800979	Y
8	STD500 460-739487/10	500.0	917.657594	50.0	337260.0	1.835315	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

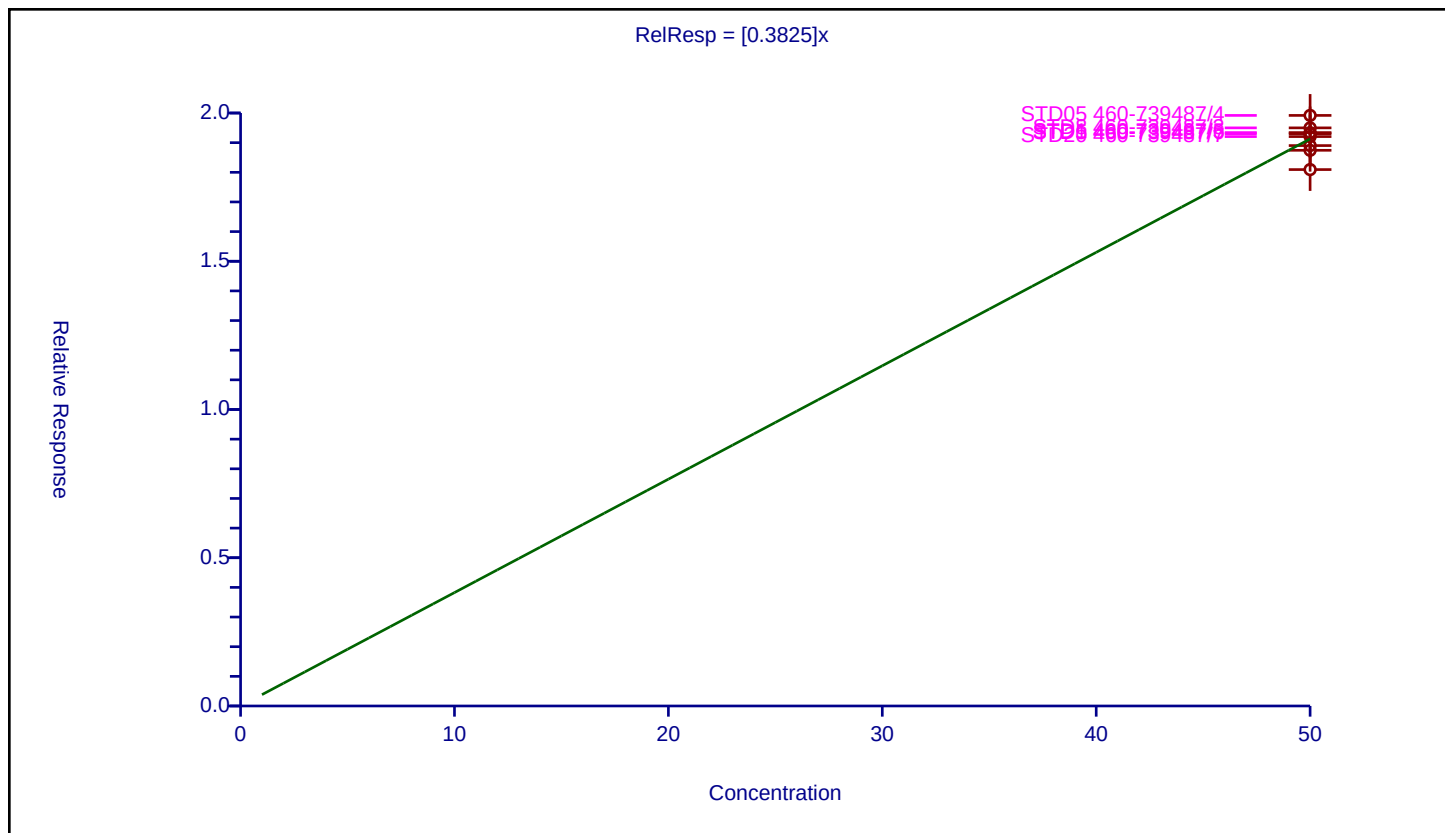
Curve Coefficients

Intercept: 0
 Slope: 0.3825

Error Coefficients

Standard Error: 134000
 Relative Standard Error: 2.9
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	50.0	19.49936	50.0	323326.0	0.389987	Y
2	STD05 460-739487/4	50.0	19.918878	50.0	325189.0	0.398378	Y
3	STD1 460-739487/5	50.0	19.33999	50.0	325874.0	0.3868	Y
4	STD5 460-739487/6	50.0	19.303467	50.0	338864.0	0.386069	Y
5	STD20 460-739487/7	50.0	19.20532	50.0	324785.0	0.384106	Y
6	STD50 460-739487/8	50.0	18.742443	50.0	318427.0	0.374849	Y
7	STD200 460-739487/9	50.0	18.092533	50.0	335749.0	0.361851	Y
8	STD500 460-739487/10	50.0	18.901589	50.0	337260.0	0.378032	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

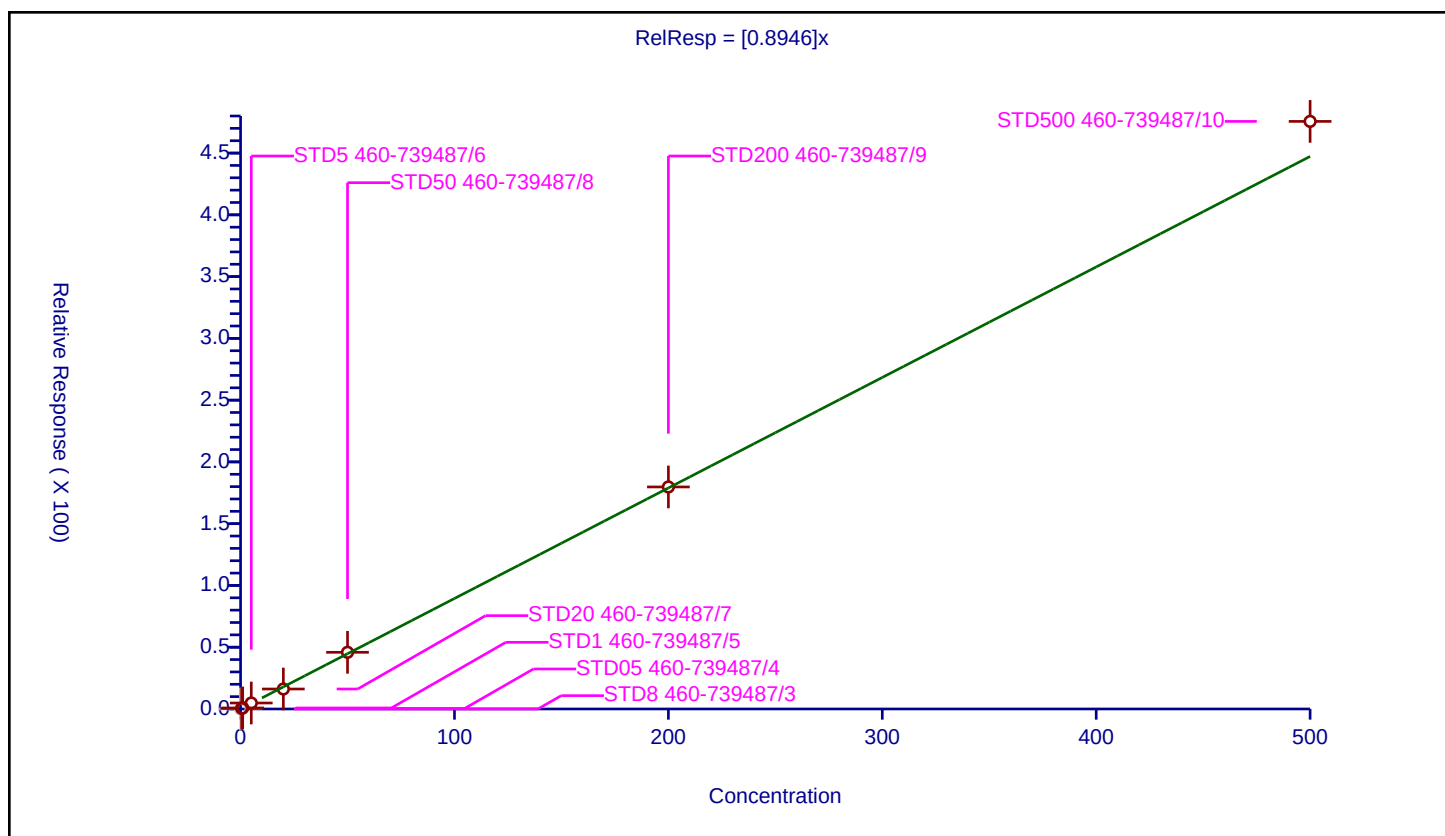
Curve Coefficients

Intercept: 0
 Slope: 0.8946

Error Coefficients

Standard Error: 643000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.446868	50.0	176674.0	0.893736	Y
3	STD1 460-739487/5	1.0	0.824143	50.0	173635.0	0.824143	Y
4	STD5 460-739487/6	5.0	4.837904	50.0	178073.0	0.967581	Y
5	STD20 460-739487/7	20.0	16.176688	50.0	169361.0	0.808834	Y
6	STD50 460-739487/8	50.0	45.887825	50.0	155757.0	0.917757	Y
7	STD200 460-739487/9	200.0	179.742902	50.0	149476.0	0.898715	Y
8	STD500 460-739487/10	500.0	475.63534	50.0	154917.0	0.951271	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

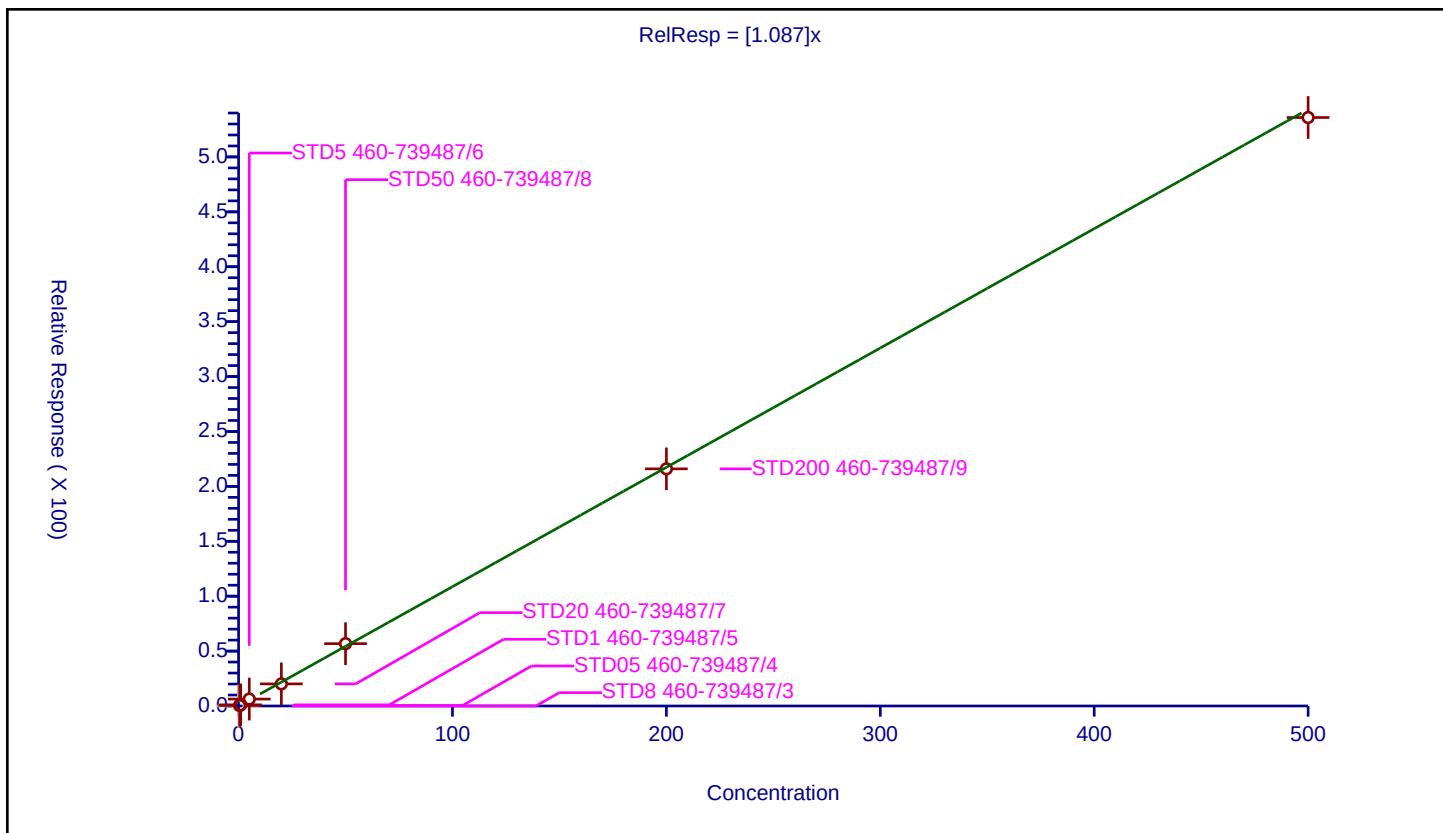
Curve Coefficients

Intercept: 0
 Slope: 1.087

Error Coefficients

Standard Error: 731000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.491866	50.0	176674.0	0.983733	Y
3	STD1 460-739487/5	1.0	1.067757	50.0	173635.0	1.067757	Y
4	STD5 460-739487/6	5.0	6.31258	50.0	178073.0	1.262516	Y
5	STD20 460-739487/7	20.0	20.116792	50.0	169361.0	1.00584	Y
6	STD50 460-739487/8	50.0	56.759889	50.0	155757.0	1.135198	Y
7	STD200 460-739487/9	200.0	215.950721	50.0	149476.0	1.079754	Y
8	STD500 460-739487/10	500.0	535.896319	50.0	154917.0	1.071793	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

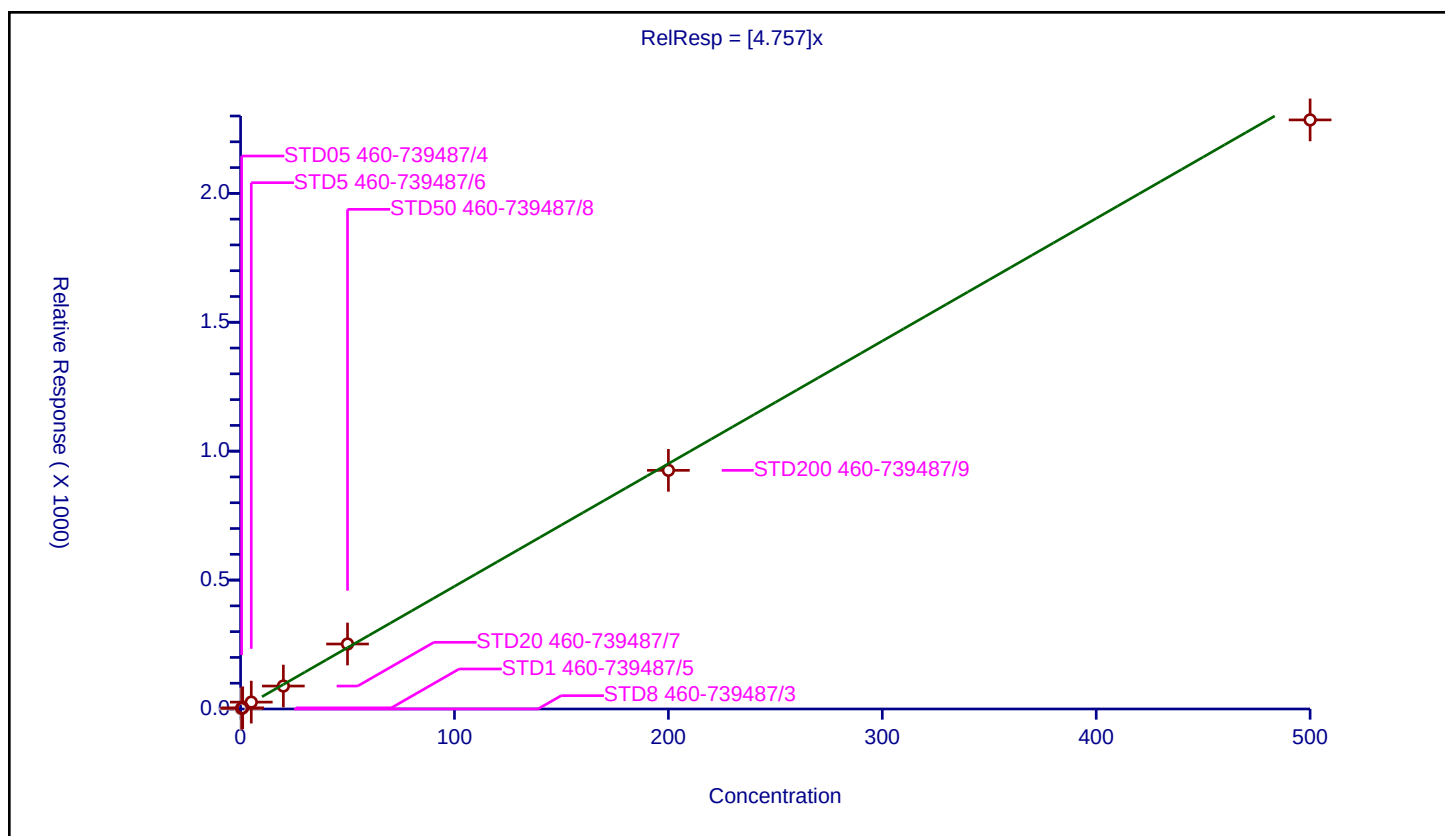
Curve Coefficients

Intercept: 0
Slope: 4.757

Error Coefficients

Standard Error: 3120000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	2.389146	50.0	176674.0	4.778292	Y
3	STD1 460-739487/5	1.0	4.499669	50.0	173635.0	4.499669	Y
4	STD5 460-739487/6	5.0	26.678104	50.0	178073.0	5.335621	Y
5	STD20 460-739487/7	20.0	88.974439	50.0	169361.0	4.448722	Y
6	STD50 460-739487/8	50.0	252.040037	50.0	155757.0	5.040801	Y
7	STD200 460-739487/9	200.0	925.701116	50.0	149476.0	4.628506	Y
8	STD500 460-739487/10	500.0	2284.864476	50.0	154917.0	4.569729	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

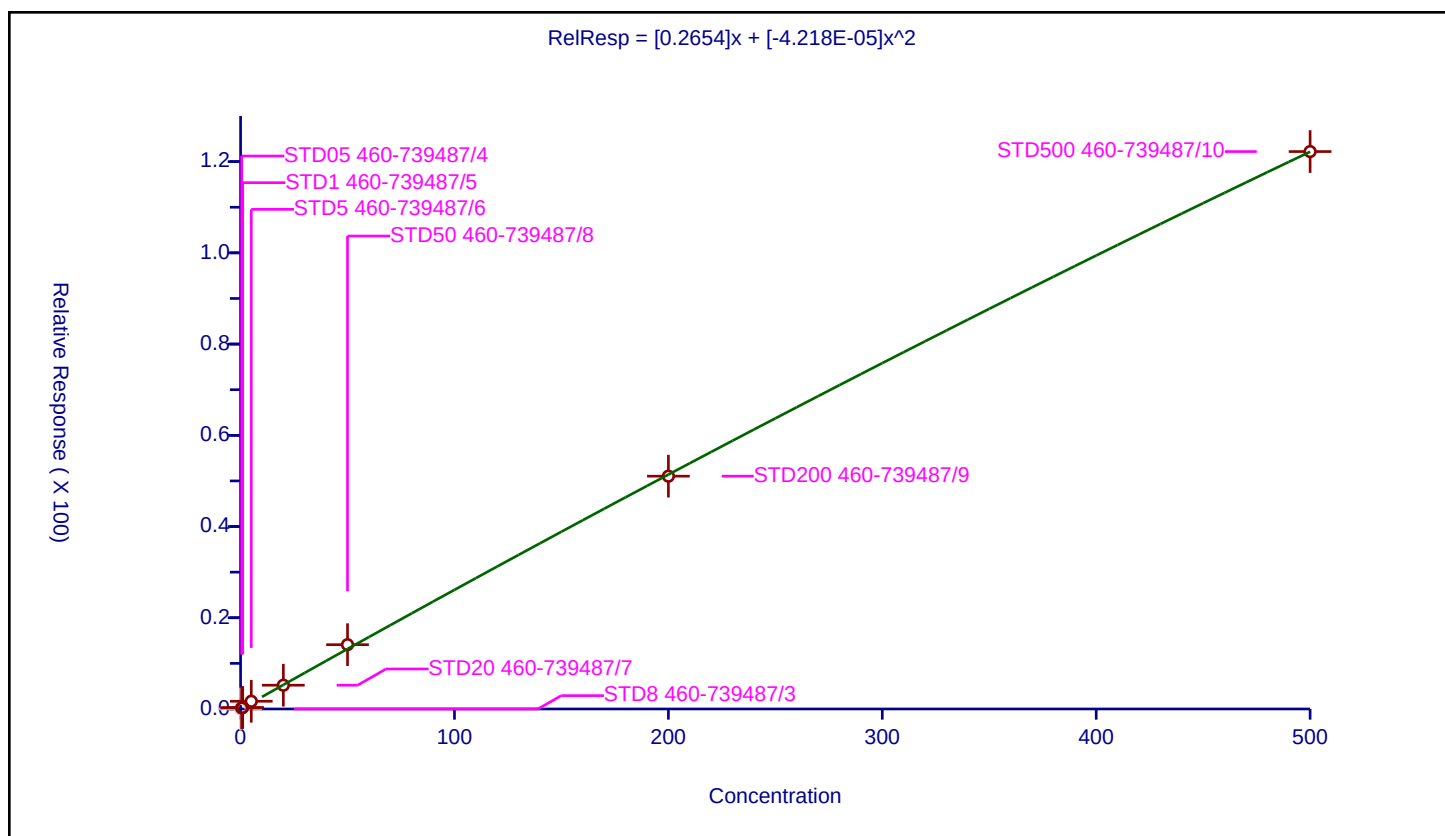
Curve Coefficients

Intercept: 0
 Slope: 0.2654
 Second Order: -4.218E-05

Error Coefficients

Standard Error: 184000
 Relative Standard Error: 36.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.2315	50.0	176674.0	0.463	Y
3	STD1 460-739487/5	1.0	0.321652	50.0	173635.0	0.321652	Y
4	STD5 460-739487/6	5.0	1.69088	50.0	178073.0	0.338176	Y
5	STD20 460-739487/7	20.0	5.214306	50.0	169361.0	0.260715	Y
6	STD50 460-739487/8	50.0	14.095354	50.0	155757.0	0.281907	Y
7	STD200 460-739487/9	200.0	51.042977	50.0	149476.0	0.255215	Y
8	STD500 460-739487/10	500.0	122.208344	50.0	154917.0	0.244417	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

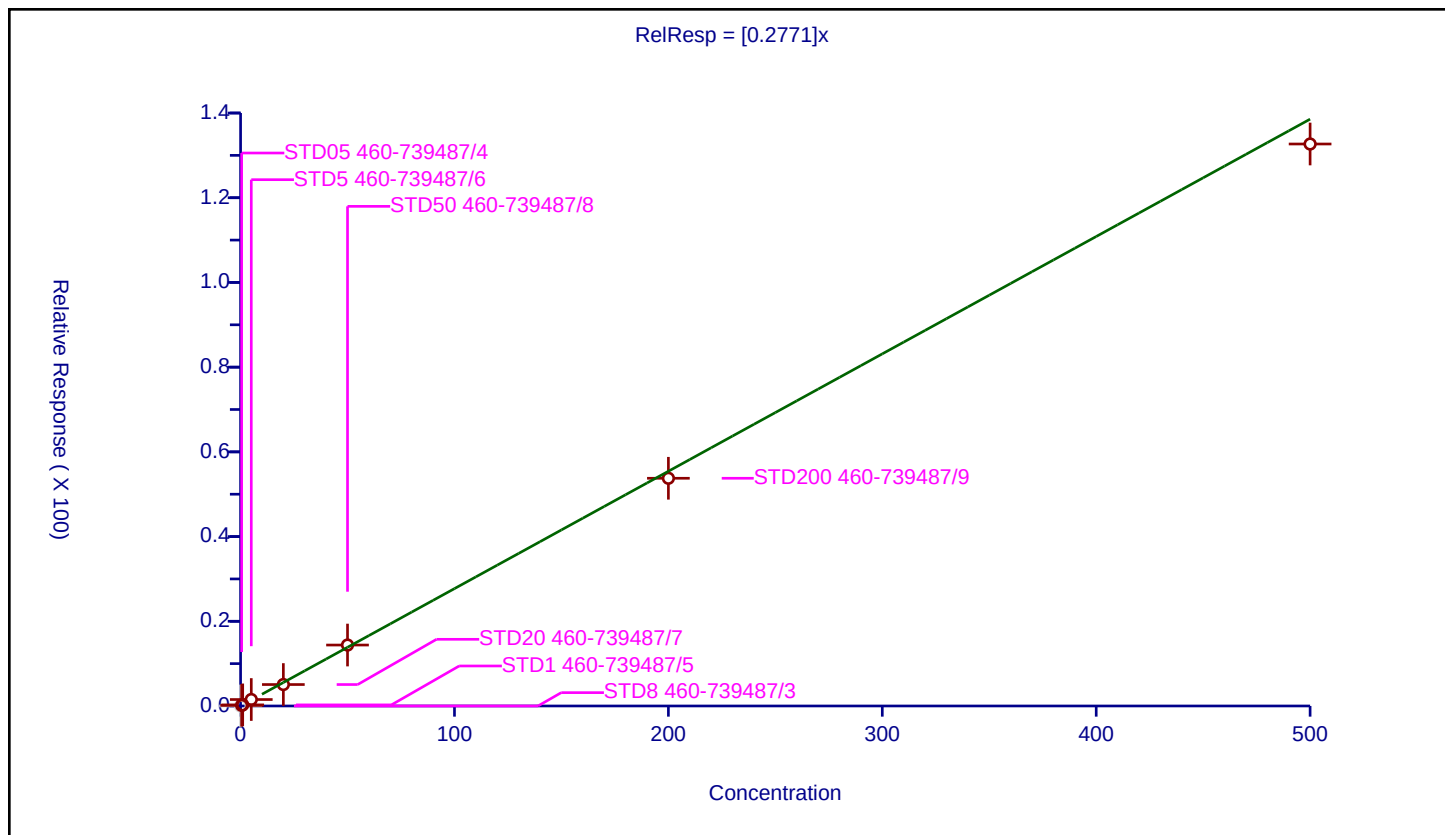
Curve Coefficients

Intercept: 0
 Slope: 0.2771

Error Coefficients

Standard Error: 181000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.147447	50.0	176674.0	0.294893	Y
3	STD1 460-739487/5	1.0	0.264348	50.0	173635.0	0.264348	Y
4	STD5 460-739487/6	5.0	1.526902	50.0	178073.0	0.30538	Y
5	STD20 460-739487/7	20.0	5.062263	50.0	169361.0	0.253113	Y
6	STD50 460-739487/8	50.0	14.39197	50.0	155757.0	0.287839	Y
7	STD200 460-739487/9	200.0	53.764149	50.0	149476.0	0.268821	Y
8	STD500 460-739487/10	500.0	132.683308	50.0	154917.0	0.265367	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

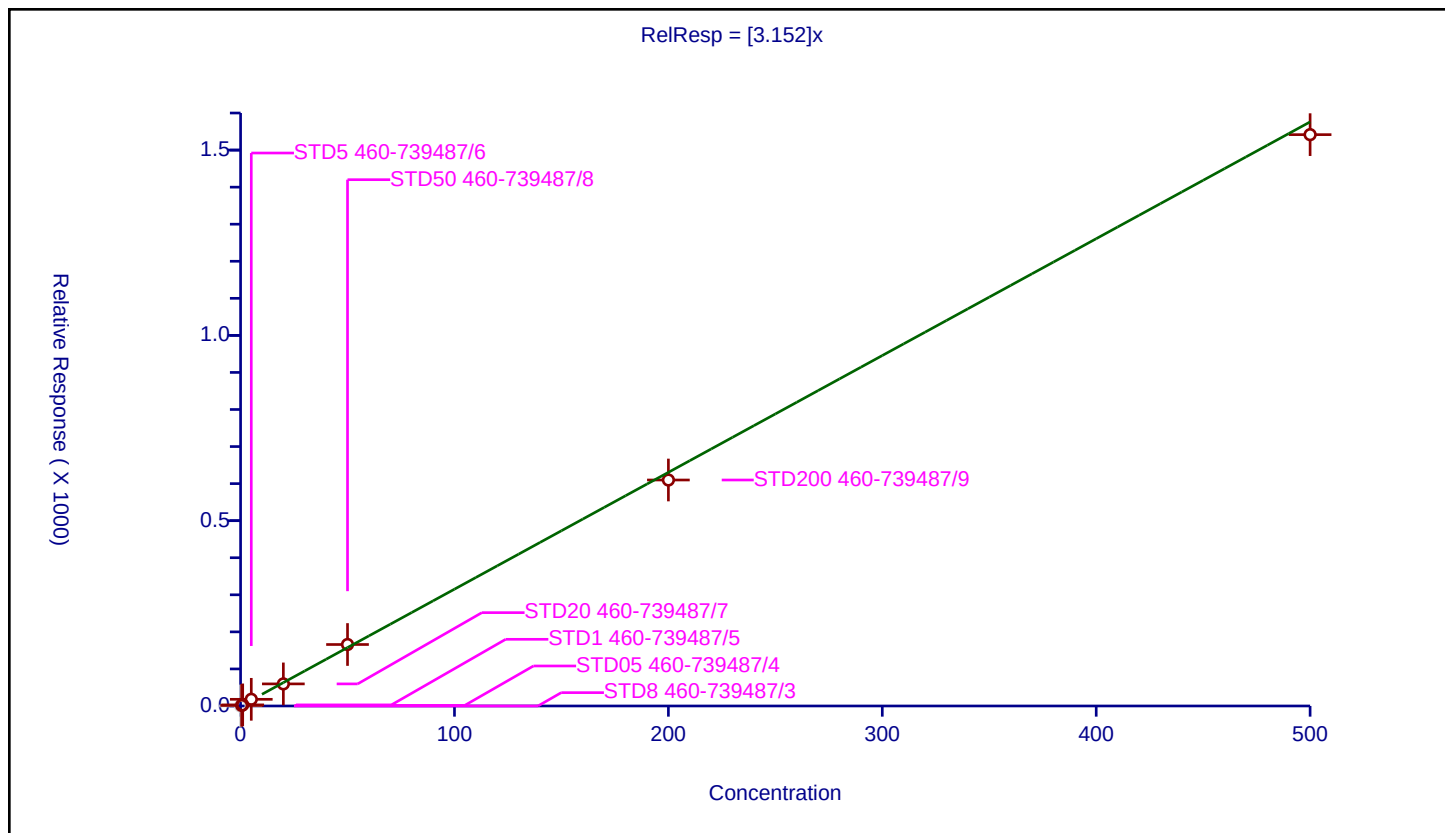
Curve Coefficients

Intercept: 0
 Slope: 3.152

Error Coefficients

Standard Error: 2100000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.516352	50.0	176674.0	3.032704	Y
3	STD1 460-739487/5	1.0	3.001987	50.0	173635.0	3.001987	Y
4	STD5 460-739487/6	5.0	18.01003	50.0	178073.0	3.602006	Y
5	STD20 460-739487/7	20.0	59.580718	50.0	169361.0	2.979036	Y
6	STD50 460-739487/8	50.0	165.857393	50.0	155757.0	3.317148	Y
7	STD200 460-739487/9	200.0	609.743705	50.0	149476.0	3.048719	Y
8	STD500 460-739487/10	500.0	1541.620997	50.0	154917.0	3.083242	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

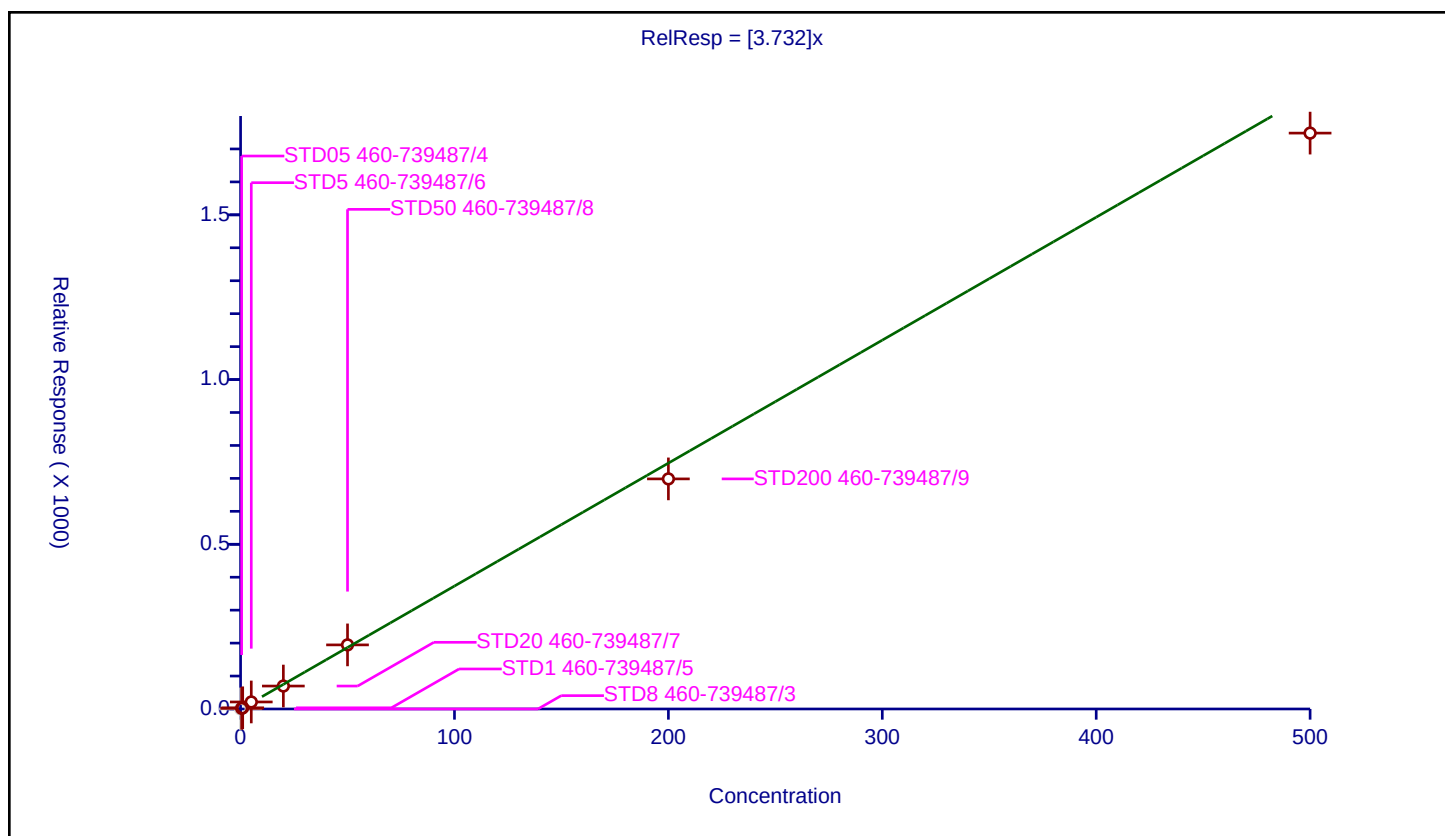
Curve Coefficients

Intercept: 0
Slope: 3.732

Error Coefficients

Standard Error: 2380000
Relative Standard Error: 7.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.93209	50.0	176674.0	3.864179	Y
3	STD1 460-739487/5	1.0	3.628013	50.0	173635.0	3.628013	Y
4	STD5 460-739487/6	5.0	21.345179	50.0	178073.0	4.269036	Y
5	STD20 460-739487/7	20.0	69.65919	50.0	169361.0	3.482959	Y
6	STD50 460-739487/8	50.0	194.563326	50.0	155757.0	3.891267	Y
7	STD200 460-739487/9	200.0	698.432524	50.0	149476.0	3.492163	Y
8	STD500 460-739487/10	500.0	1748.090268	50.0	154917.0	3.496181	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

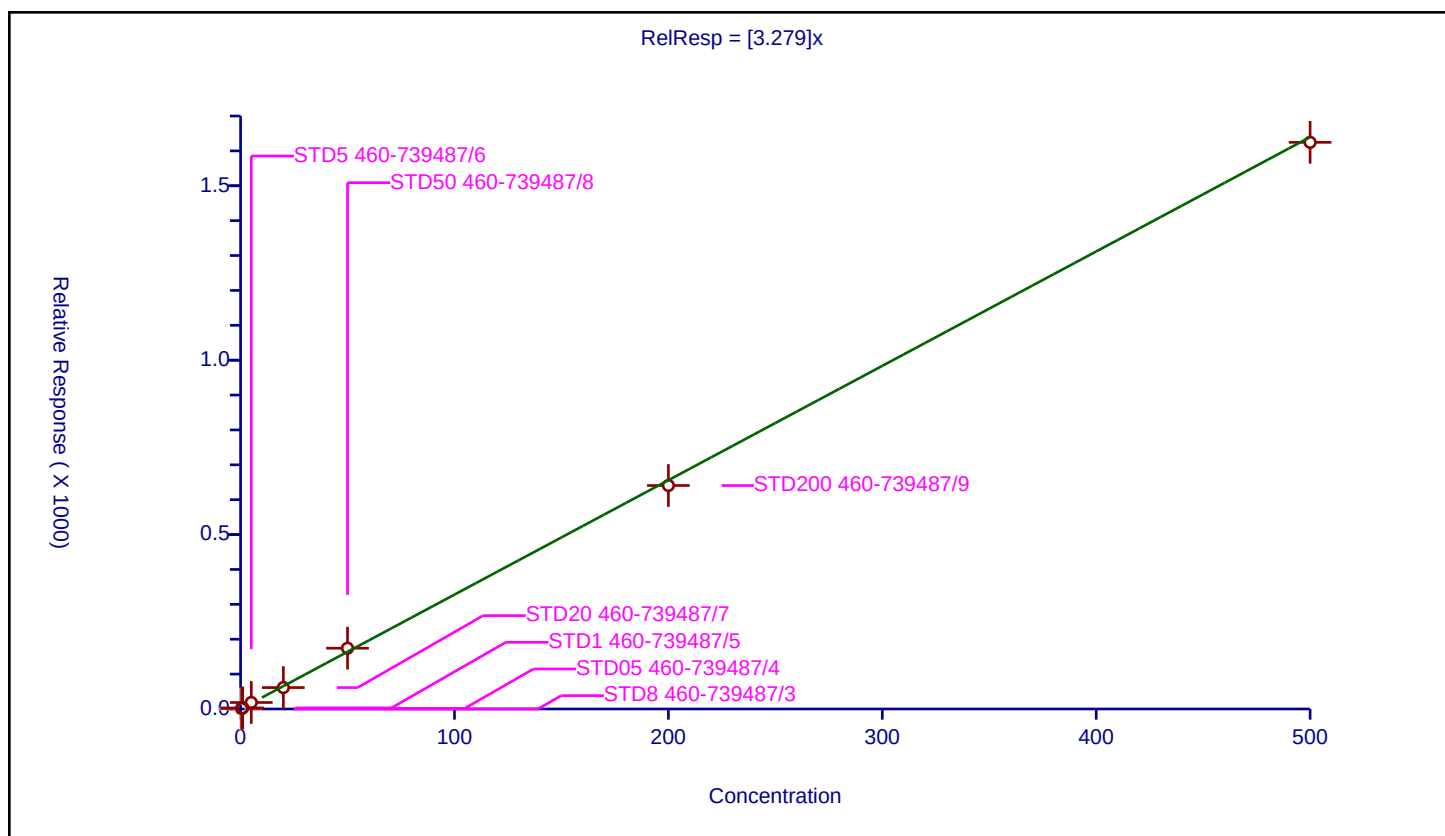
Curve Coefficients

Intercept: 0
Slope: 3.279

Error Coefficients

Standard Error: 2210000
Relative Standard Error: 7.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.615122	50.0	176674.0	3.230243	Y
3	STD1 460-739487/5	1.0	2.990181	50.0	173635.0	2.990181	Y
4	STD5 460-739487/6	5.0	18.630281	50.0	178073.0	3.726056	Y
5	STD20 460-739487/7	20.0	61.384557	50.0	169361.0	3.069228	Y
6	STD50 460-739487/8	50.0	174.292969	50.0	155757.0	3.485859	Y
7	STD200 460-739487/9	200.0	640.700179	50.0	149476.0	3.203501	Y
8	STD500 460-739487/10	500.0	1624.580259	50.0	154917.0	3.249161	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

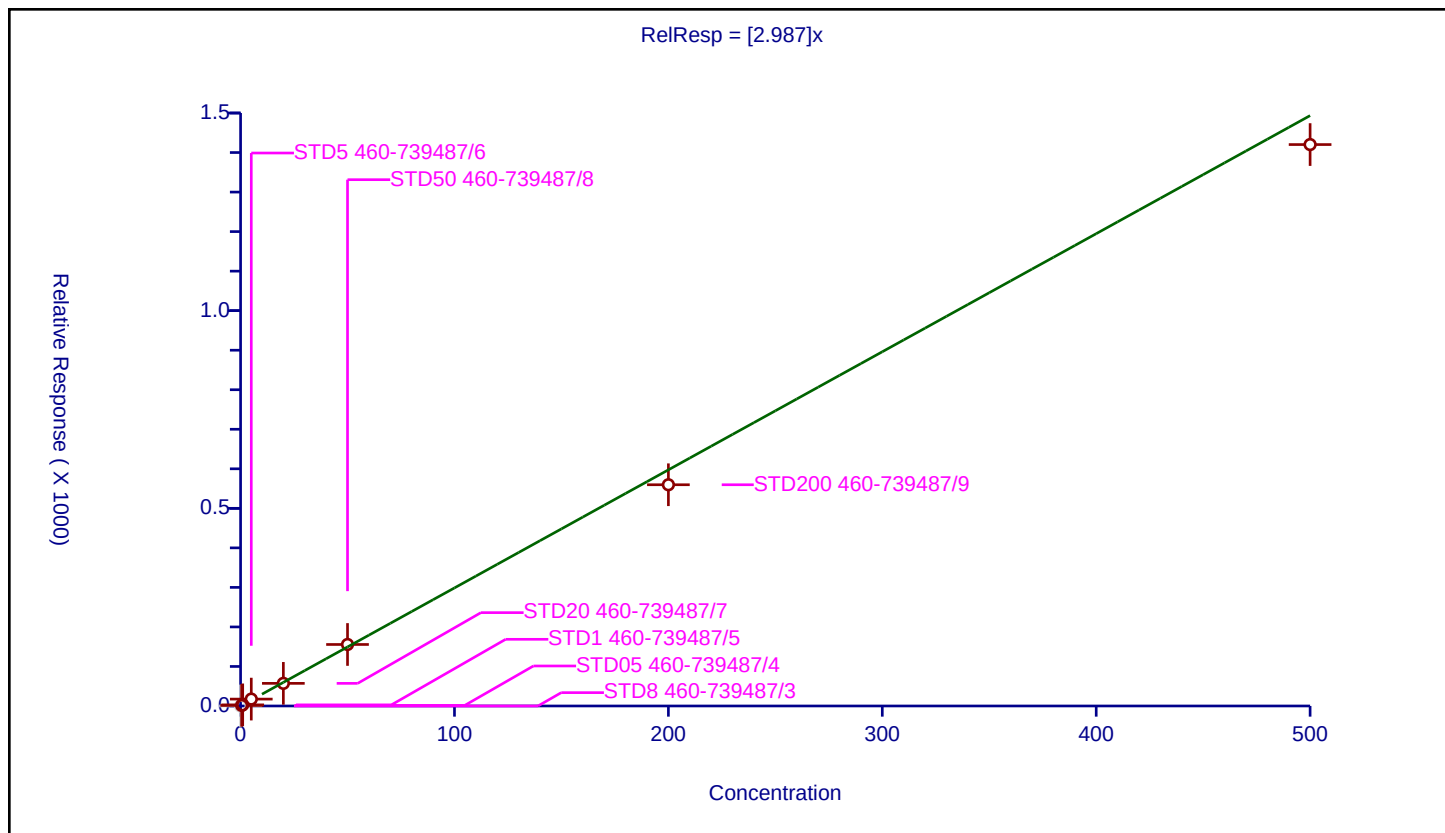
Curve Coefficients

Intercept: 0
Slope: 2.987

Error Coefficients

Standard Error: 1930000
Relative Standard Error: 8.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.477297	50.0	176674.0	2.954594	Y
3	STD1 460-739487/5	1.0	2.849368	50.0	173635.0	2.849368	Y
4	STD5 460-739487/6	5.0	17.459693	50.0	178073.0	3.491939	Y
5	STD20 460-739487/7	20.0	57.236908	50.0	169361.0	2.861845	Y
6	STD50 460-739487/8	50.0	155.604243	50.0	155757.0	3.112085	Y
7	STD200 460-739487/9	200.0	559.623284	50.0	149476.0	2.798116	Y
8	STD500 460-739487/10	500.0	1420.202754	50.0	154917.0	2.840406	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

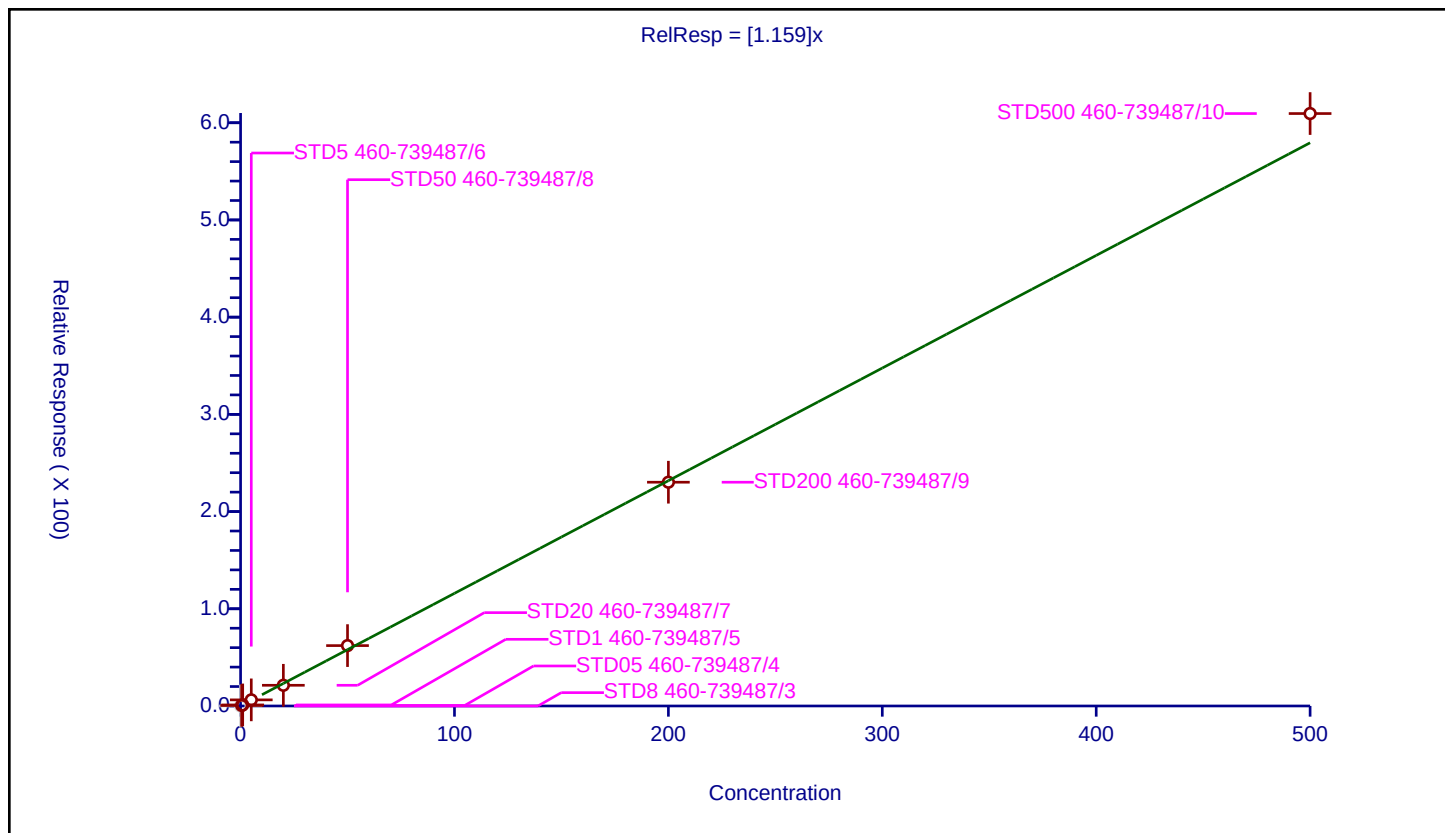
Curve Coefficients

Intercept: 0
 Slope: 1.159

Error Coefficients

Standard Error: 825000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.543657	50.0	176674.0	1.087313	Y
3	STD1 460-739487/5	1.0	1.085323	50.0	173635.0	1.085323	Y
4	STD5 460-739487/6	5.0	6.306683	50.0	178073.0	1.261337	Y
5	STD20 460-739487/7	20.0	21.303311	50.0	169361.0	1.065166	Y
6	STD50 460-739487/8	50.0	62.112457	50.0	155757.0	1.242249	Y
7	STD200 460-739487/9	200.0	230.198828	50.0	149476.0	1.150994	Y
8	STD500 460-739487/10	500.0	609.448608	50.0	154917.0	1.218897	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

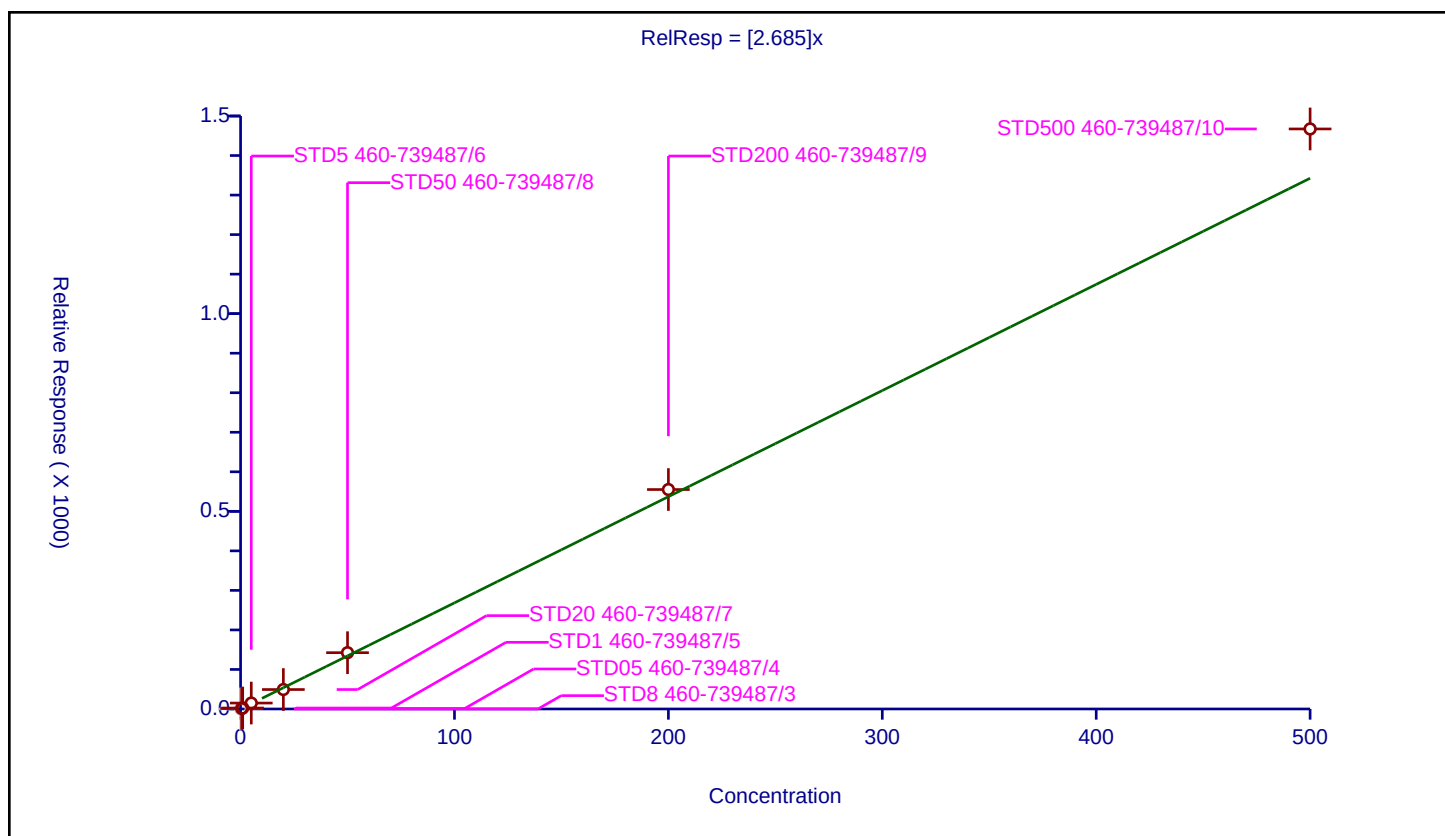
Curve Coefficients

Intercept: 0
 Slope: 2.685

Error Coefficients

Standard Error: 1980000
 Relative Standard Error: 9.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.203063	50.0	176674.0	2.406127	Y
3	STD1 460-739487/5	1.0	2.372506	50.0	173635.0	2.372506	Y
4	STD5 460-739487/6	5.0	14.983743	50.0	178073.0	2.996749	Y
5	STD20 460-739487/7	20.0	49.225028	50.0	169361.0	2.461251	Y
6	STD50 460-739487/8	50.0	142.464865	50.0	155757.0	2.849297	Y
7	STD200 460-739487/9	200.0	555.106171	50.0	149476.0	2.775531	Y
8	STD500 460-739487/10	500.0	1467.308946	50.0	154917.0	2.934618	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

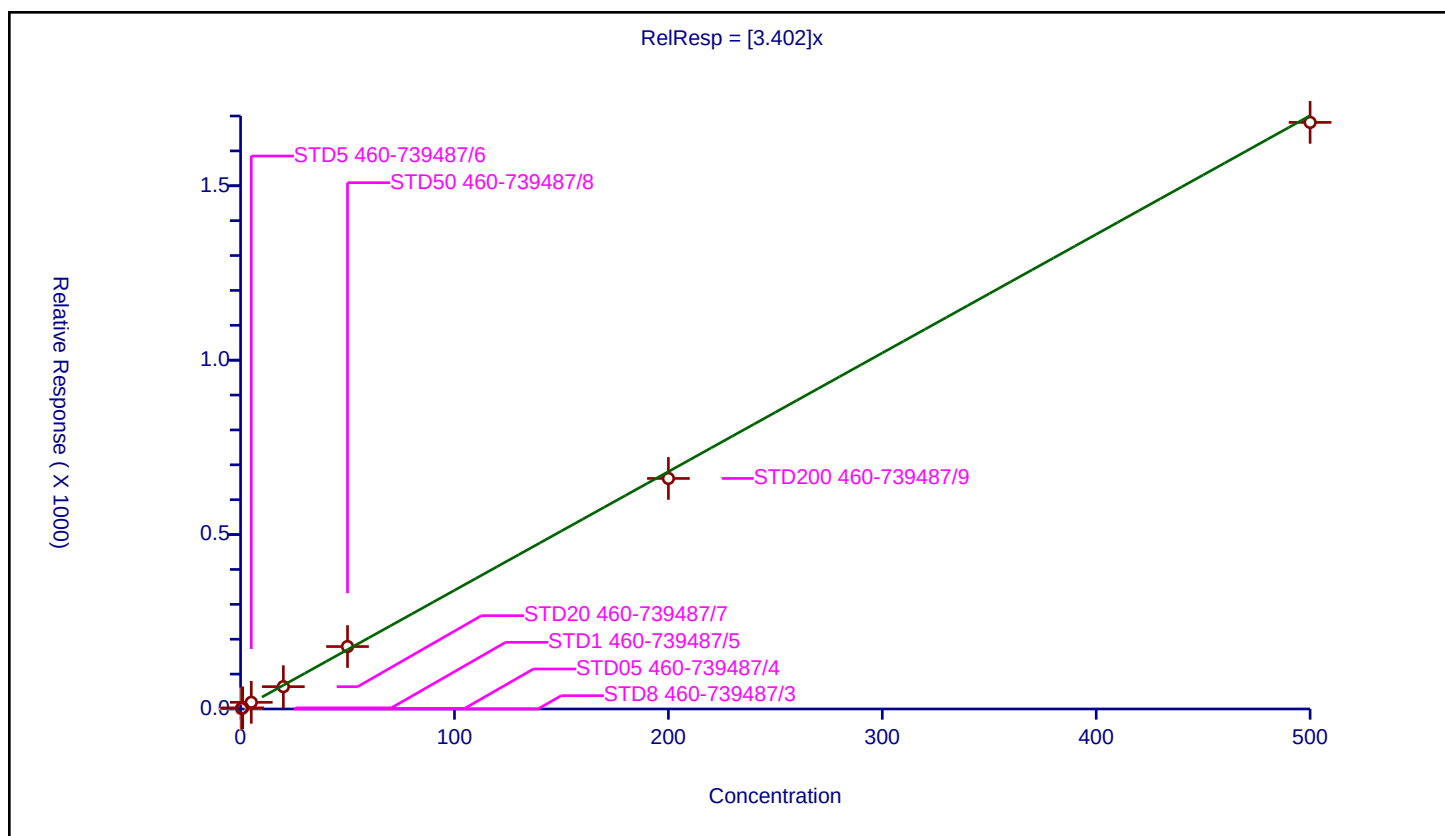
Curve Coefficients

Intercept: 0
 Slope: 3.402

Error Coefficients

Standard Error: 2290000
 Relative Standard Error: 6.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.634366	50.0	176674.0	3.268732	Y
3	STD1 460-739487/5	1.0	3.273822	50.0	173635.0	3.273822	Y
4	STD5 460-739487/6	5.0	19.123618	50.0	178073.0	3.824724	Y
5	STD20 460-739487/7	20.0	63.989643	50.0	169361.0	3.199482	Y
6	STD50 460-739487/8	50.0	179.024057	50.0	155757.0	3.580481	Y
7	STD200 460-739487/9	200.0	660.940552	50.0	149476.0	3.304703	Y
8	STD500 460-739487/10	500.0	1681.708915	50.0	154917.0	3.363418	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

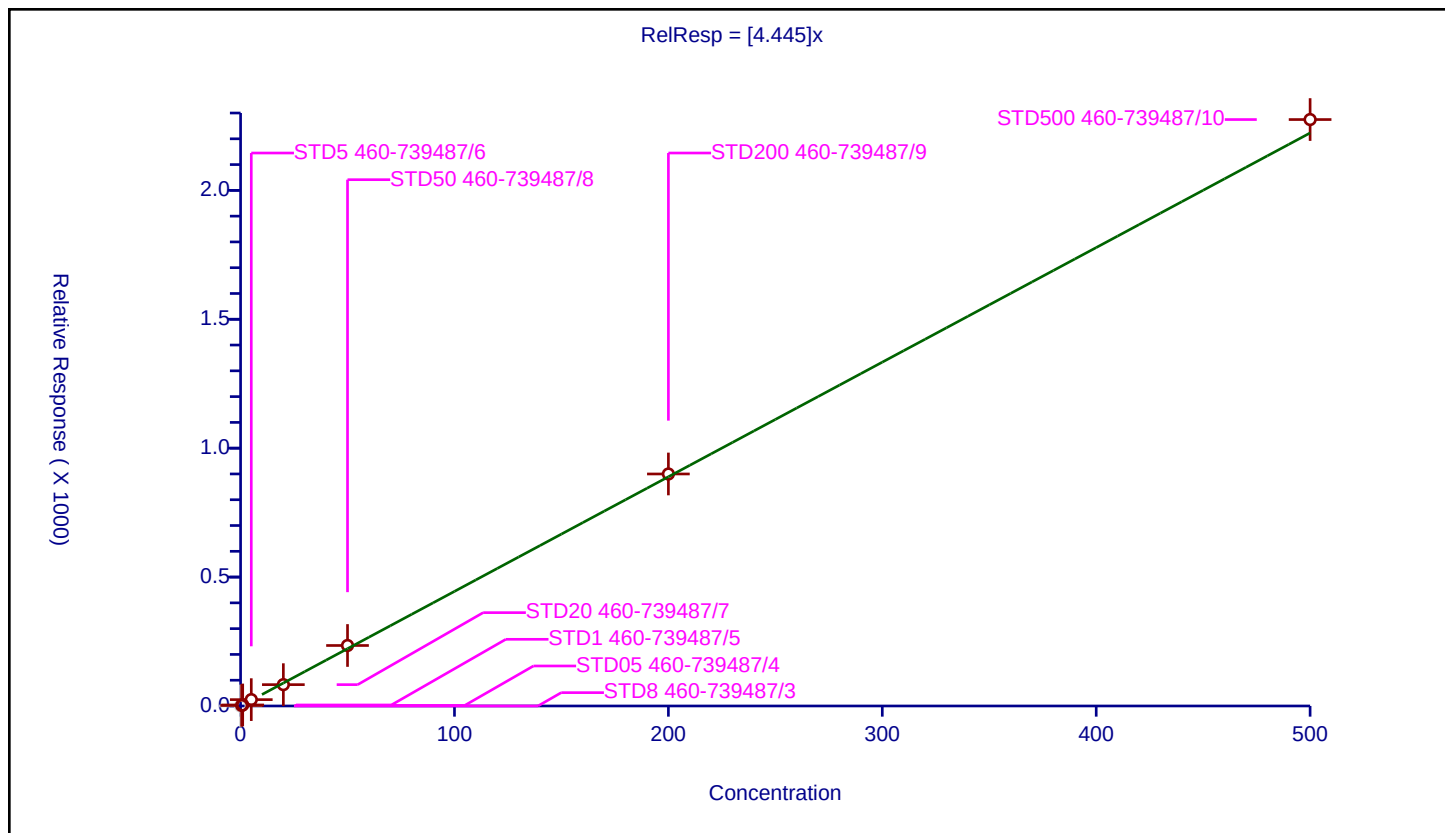
Curve Coefficients

Intercept: 0
Slope: 4.445

Error Coefficients

Standard Error: 3100000
Relative Standard Error: 7.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	2.170099	50.0	176674.0	4.340197	Y
3	STD1 460-739487/5	1.0	3.958591	50.0	173635.0	3.958591	Y
4	STD5 460-739487/6	5.0	24.679205	50.0	178073.0	4.935841	Y
5	STD20 460-739487/7	20.0	82.804778	50.0	169361.0	4.140239	Y
6	STD50 460-739487/8	50.0	234.679982	50.0	155757.0	4.6936	Y
7	STD200 460-739487/9	200.0	899.8856	50.0	149476.0	4.499428	Y
8	STD500 460-739487/10	500.0	2274.64836	50.0	154917.0	4.549297	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

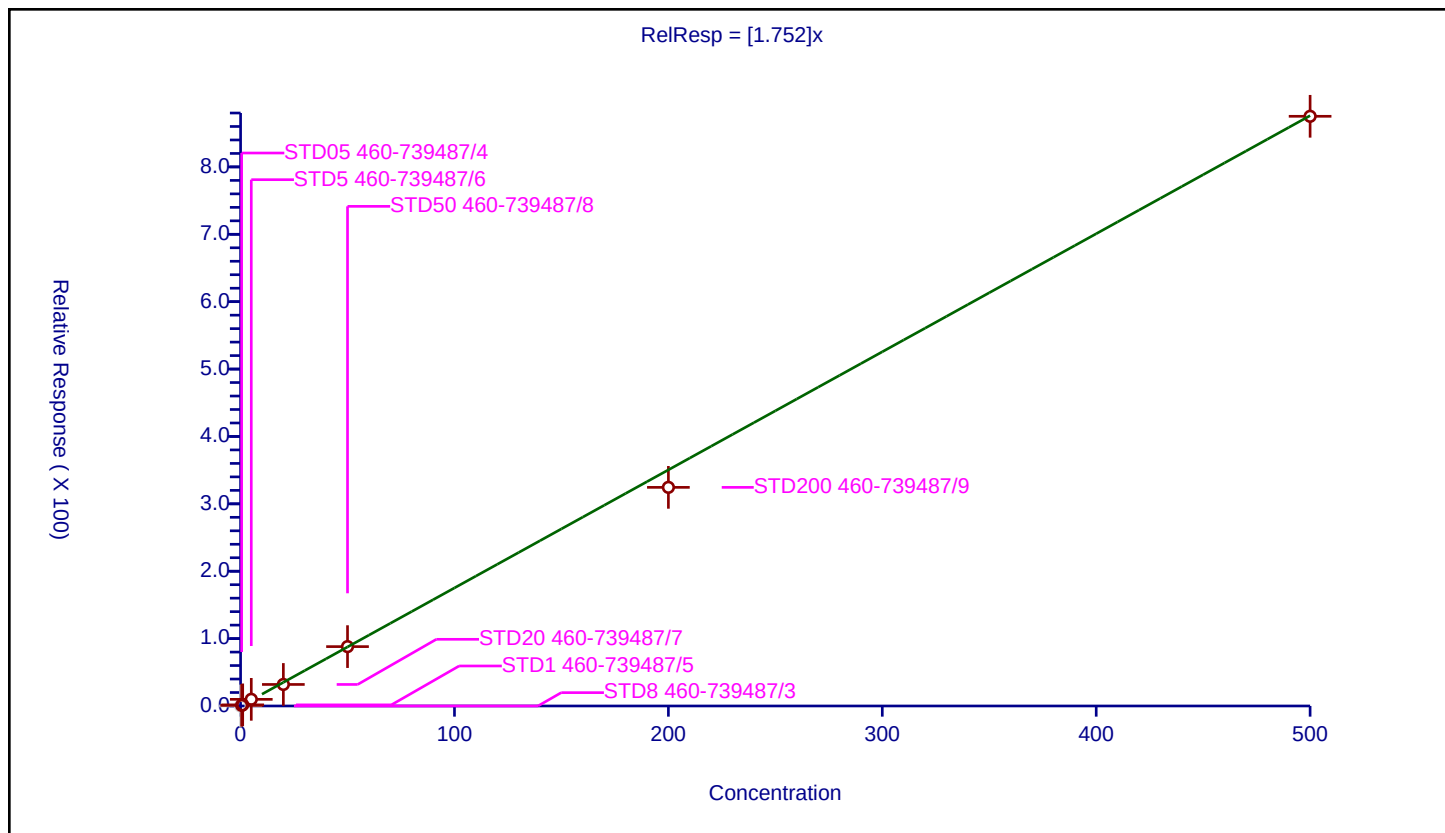
Curve Coefficients

Intercept: 0
 Slope: 1.752

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.931659	50.0	176674.0	1.863319	Y
3	STD1 460-739487/5	1.0	1.690903	50.0	173635.0	1.690903	Y
4	STD5 460-739487/6	5.0	9.885272	50.0	178073.0	1.977054	Y
5	STD20 460-739487/7	20.0	31.973123	50.0	169361.0	1.598656	Y
6	STD50 460-739487/8	50.0	88.12445	50.0	155757.0	1.762489	Y
7	STD200 460-739487/9	200.0	324.455431	50.0	149476.0	1.622277	Y
8	STD500 460-739487/10	500.0	875.133781	50.0	154917.0	1.750268	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

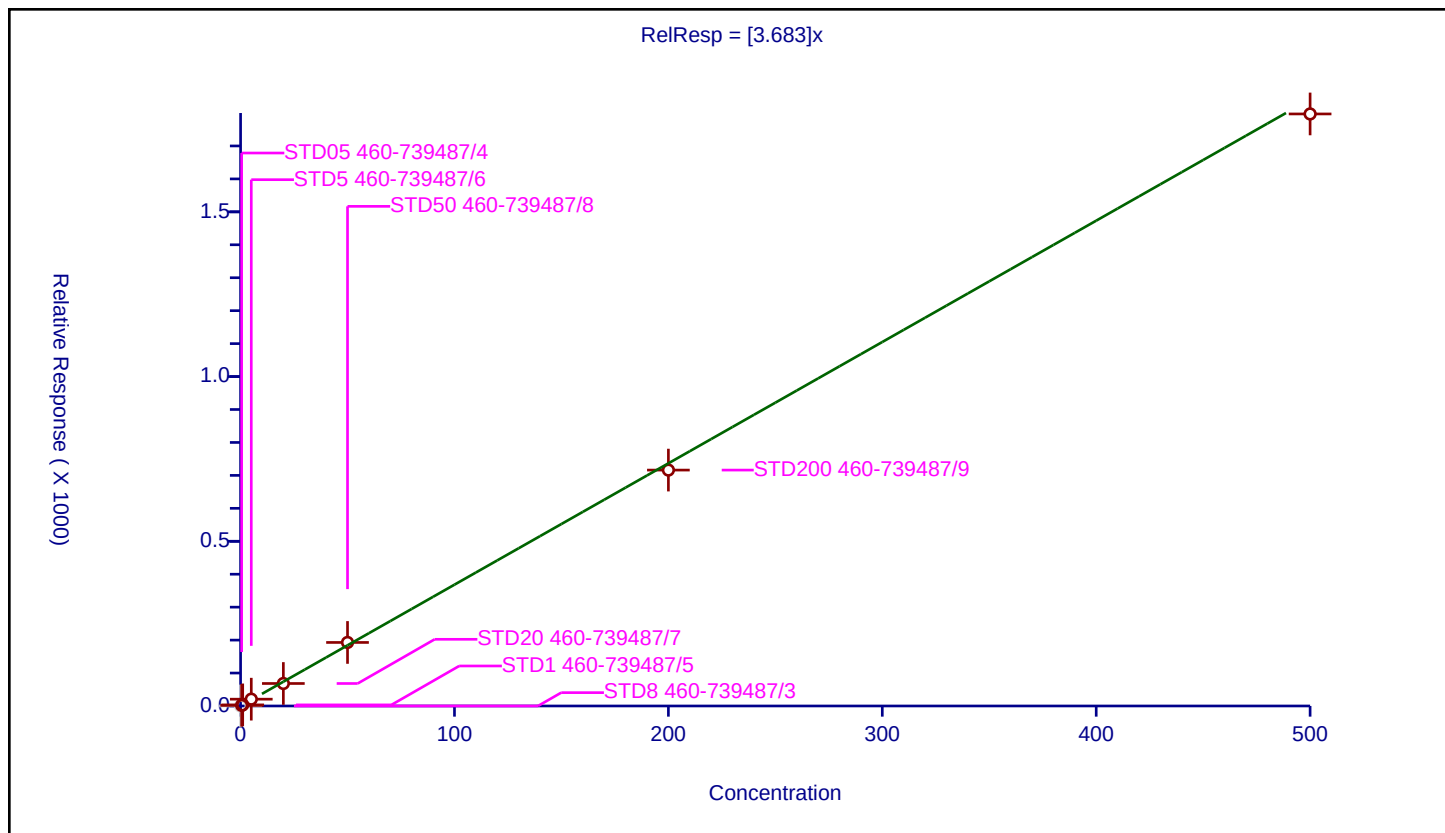
Curve Coefficients

Intercept: 0
 Slope: 3.683

Error Coefficients

Standard Error: 2450000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.90294	50.0	176674.0	3.80588	Y
3	STD1 460-739487/5	1.0	3.390445	50.0	173635.0	3.390445	Y
4	STD5 460-739487/6	5.0	20.687583	50.0	178073.0	4.137517	Y
5	STD20 460-739487/7	20.0	68.307934	50.0	169361.0	3.415397	Y
6	STD50 460-739487/8	50.0	192.874478	50.0	155757.0	3.85749	Y
7	STD200 460-739487/9	200.0	716.134363	50.0	149476.0	3.580672	Y
8	STD500 460-739487/10	500.0	1797.140404	50.0	154917.0	3.594281	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

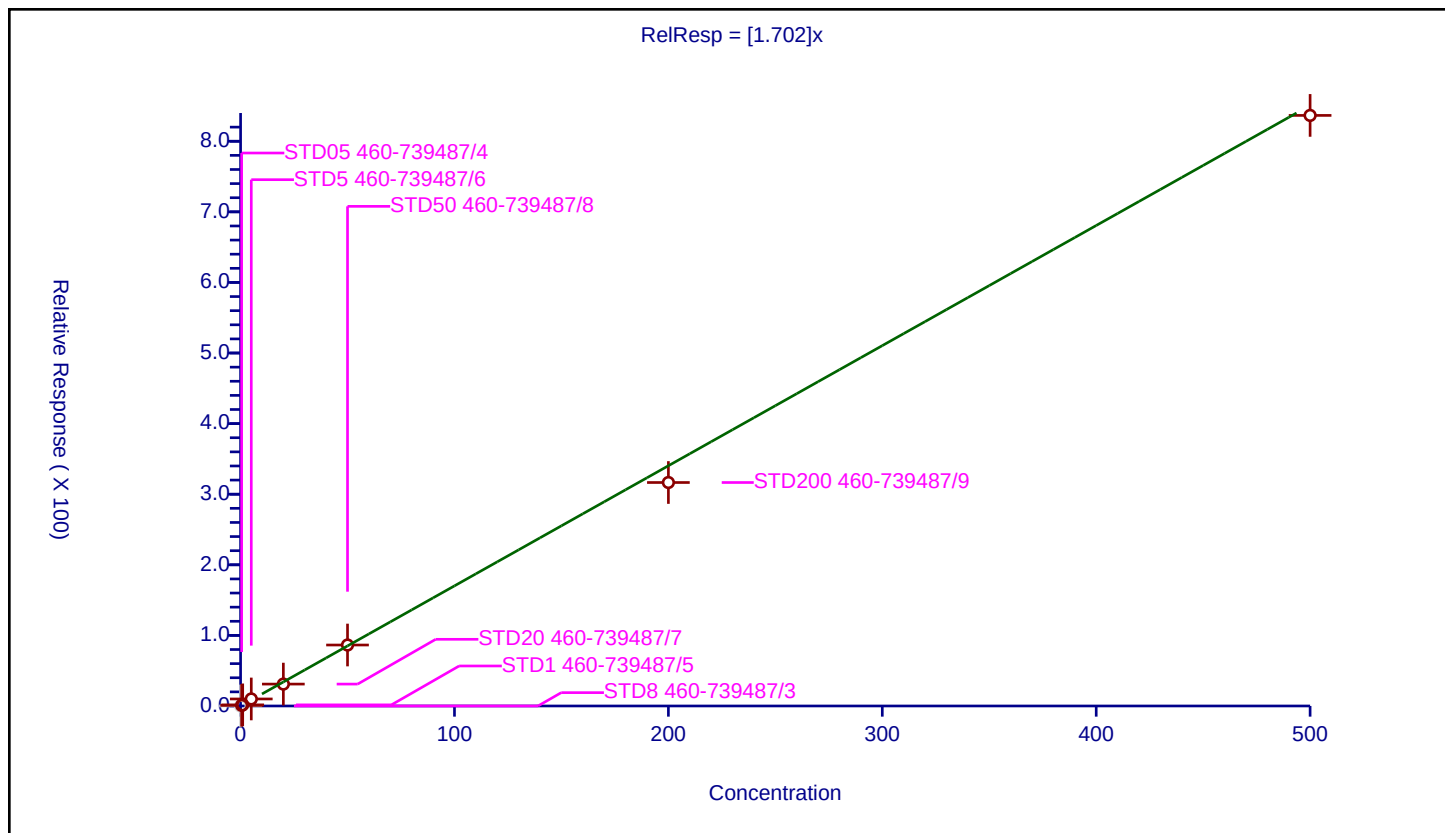
Curve Coefficients

Intercept: 0
 Slope: 1.702

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.885529	50.0	176674.0	1.771059	Y
3	STD1 460-739487/5	1.0	1.616898	50.0	173635.0	1.616898	Y
4	STD5 460-739487/6	5.0	9.936374	50.0	178073.0	1.987275	Y
5	STD20 460-739487/7	20.0	31.051127	50.0	169361.0	1.552556	Y
6	STD50 460-739487/8	50.0	86.373967	50.0	155757.0	1.727479	Y
7	STD200 460-739487/9	200.0	316.596644	50.0	149476.0	1.582983	Y
8	STD500 460-739487/10	500.0	836.595403	50.0	154917.0	1.673191	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

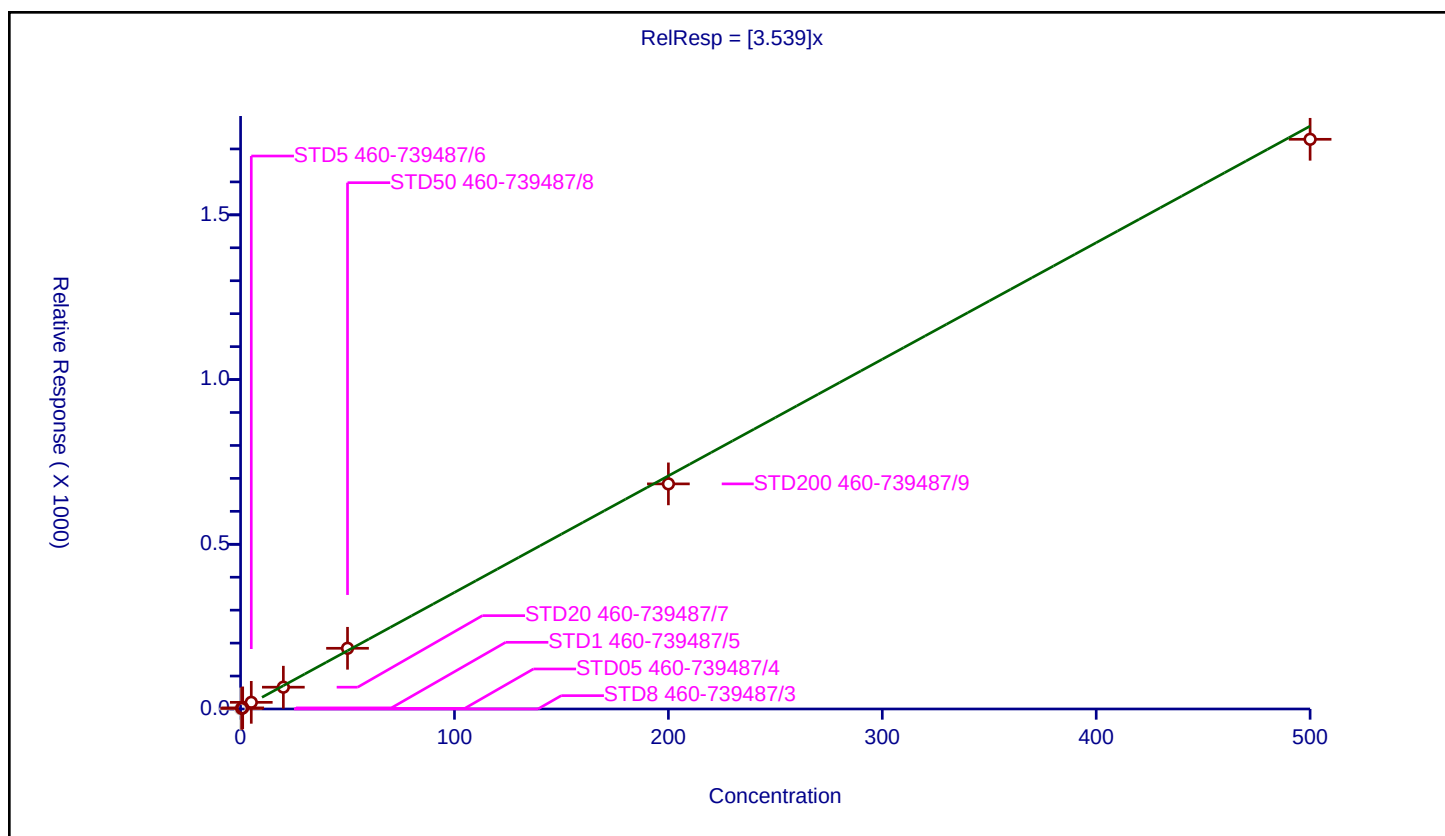
Curve Coefficients

Intercept: 0
Slope: 3.539

Error Coefficients

Standard Error: 2350000
Relative Standard Error: 7.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.755493	50.0	176674.0	3.510986	Y
3	STD1 460-739487/5	1.0	3.350131	50.0	173635.0	3.350131	Y
4	STD5 460-739487/6	5.0	20.203793	50.0	178073.0	4.040759	Y
5	STD20 460-739487/7	20.0	66.180821	50.0	169361.0	3.309041	Y
6	STD50 460-739487/8	50.0	184.2418	50.0	155757.0	3.684836	Y
7	STD200 460-739487/9	200.0	683.287953	50.0	149476.0	3.41644	Y
8	STD500 460-739487/10	500.0	1729.326994	50.0	154917.0	3.458654	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

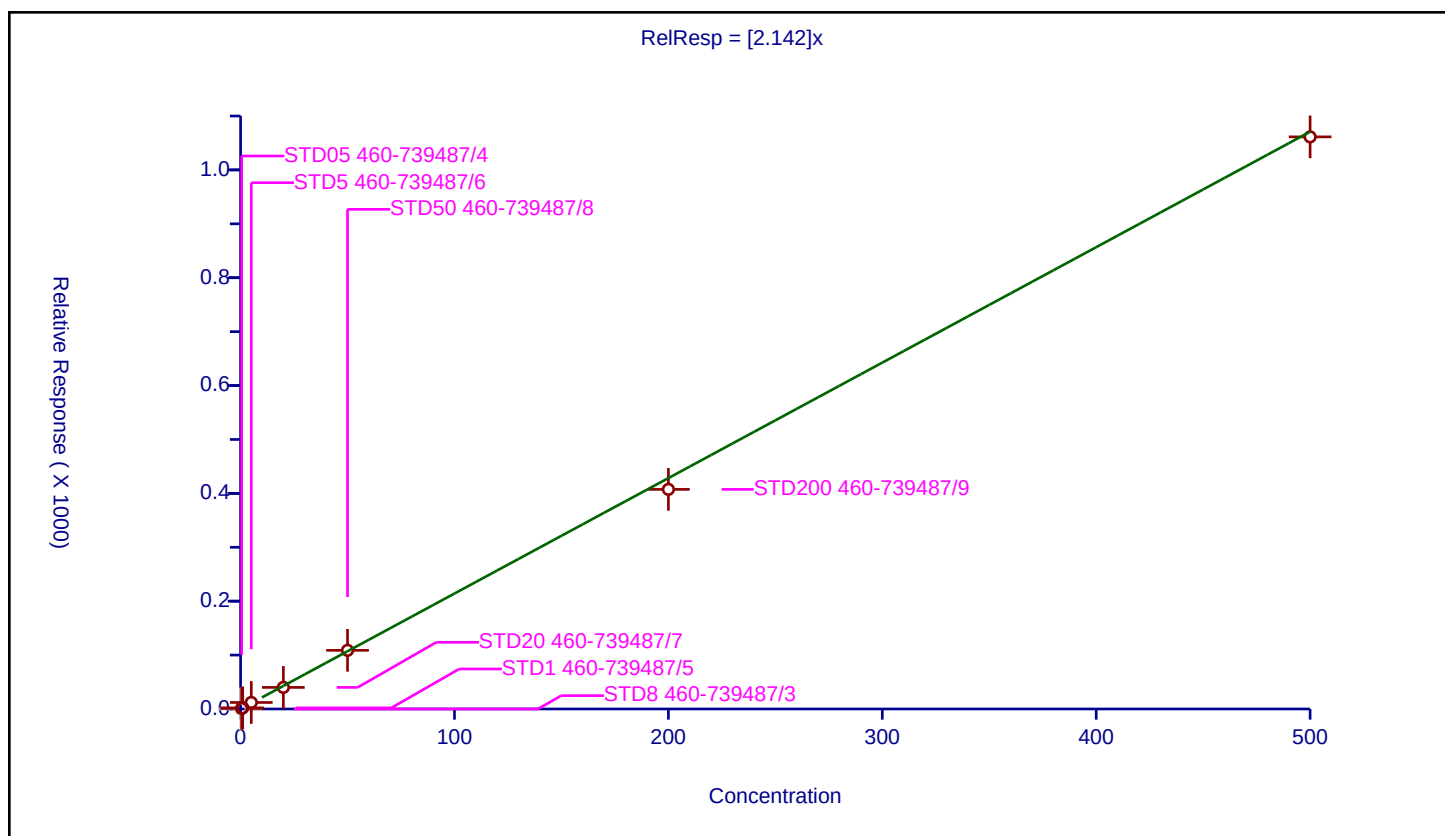
Curve Coefficients

Intercept: 0
 Slope: 2.142

Error Coefficients

Standard Error: 1440000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.079672	50.0	176674.0	2.159344	Y
3	STD1 460-739487/5	1.0	2.077058	50.0	173635.0	2.077058	Y
4	STD5 460-739487/6	5.0	12.08802	50.0	178073.0	2.417604	Y
5	STD20 460-739487/7	20.0	40.041391	50.0	169361.0	2.00207	Y
6	STD50 460-739487/8	50.0	108.803778	50.0	155757.0	2.176076	Y
7	STD200 460-739487/9	200.0	407.415572	50.0	149476.0	2.037078	Y
8	STD500 460-739487/10	500.0	1061.301213	50.0	154917.0	2.122602	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

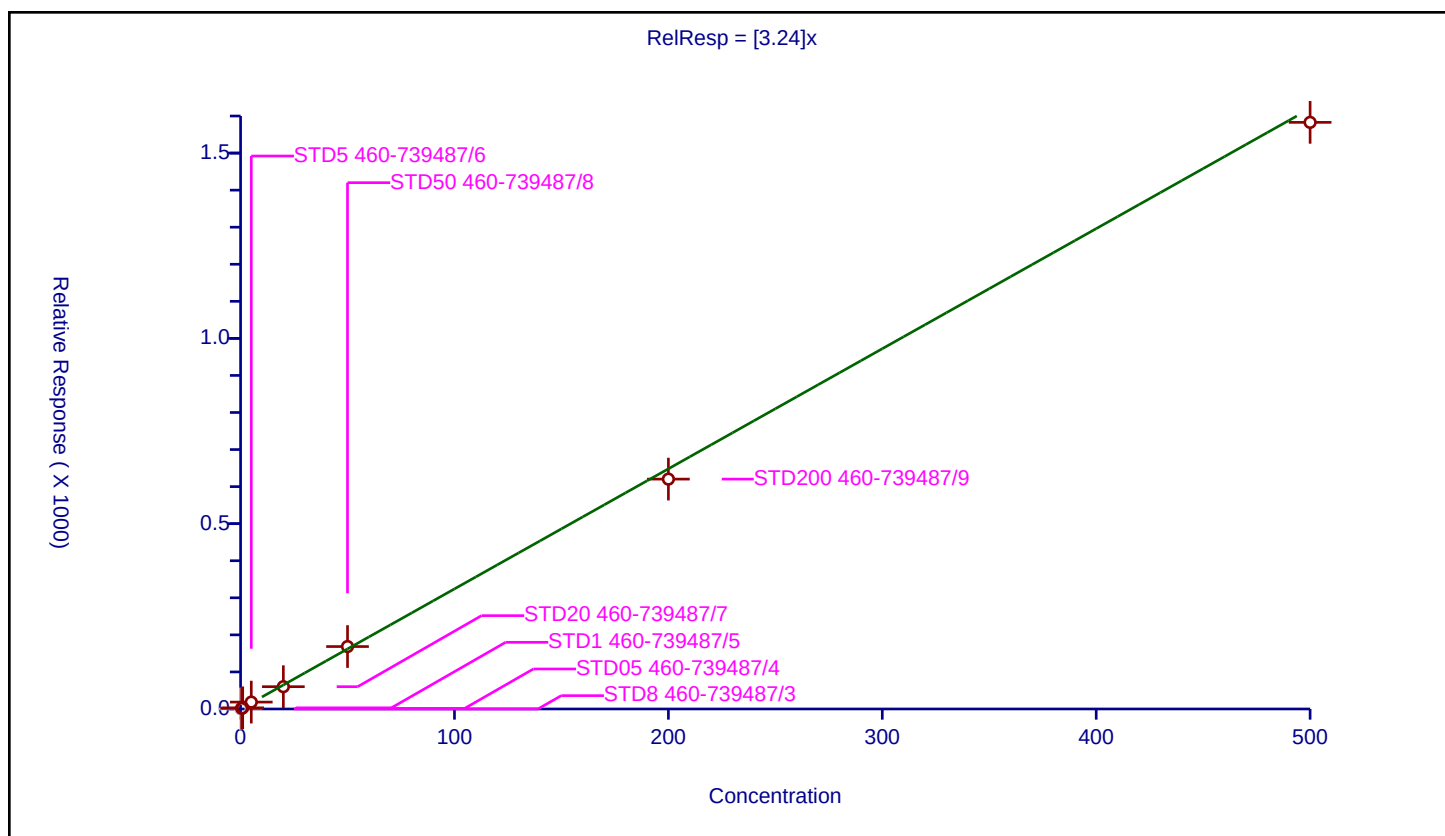
Curve Coefficients

Intercept: 0
 Slope: 3.24

Error Coefficients

Standard Error: 2150000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.596443	50.0	176674.0	3.192886	Y
3	STD1 460-739487/5	1.0	3.120051	50.0	173635.0	3.120051	Y
4	STD5 460-739487/6	5.0	18.621296	50.0	178073.0	3.724259	Y
5	STD20 460-739487/7	20.0	60.169992	50.0	169361.0	3.0085	Y
6	STD50 460-739487/8	50.0	168.495156	50.0	155757.0	3.369903	Y
7	STD200 460-739487/9	200.0	620.257433	50.0	149476.0	3.101287	Y
8	STD500 460-739487/10	500.0	1582.857272	50.0	154917.0	3.165715	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

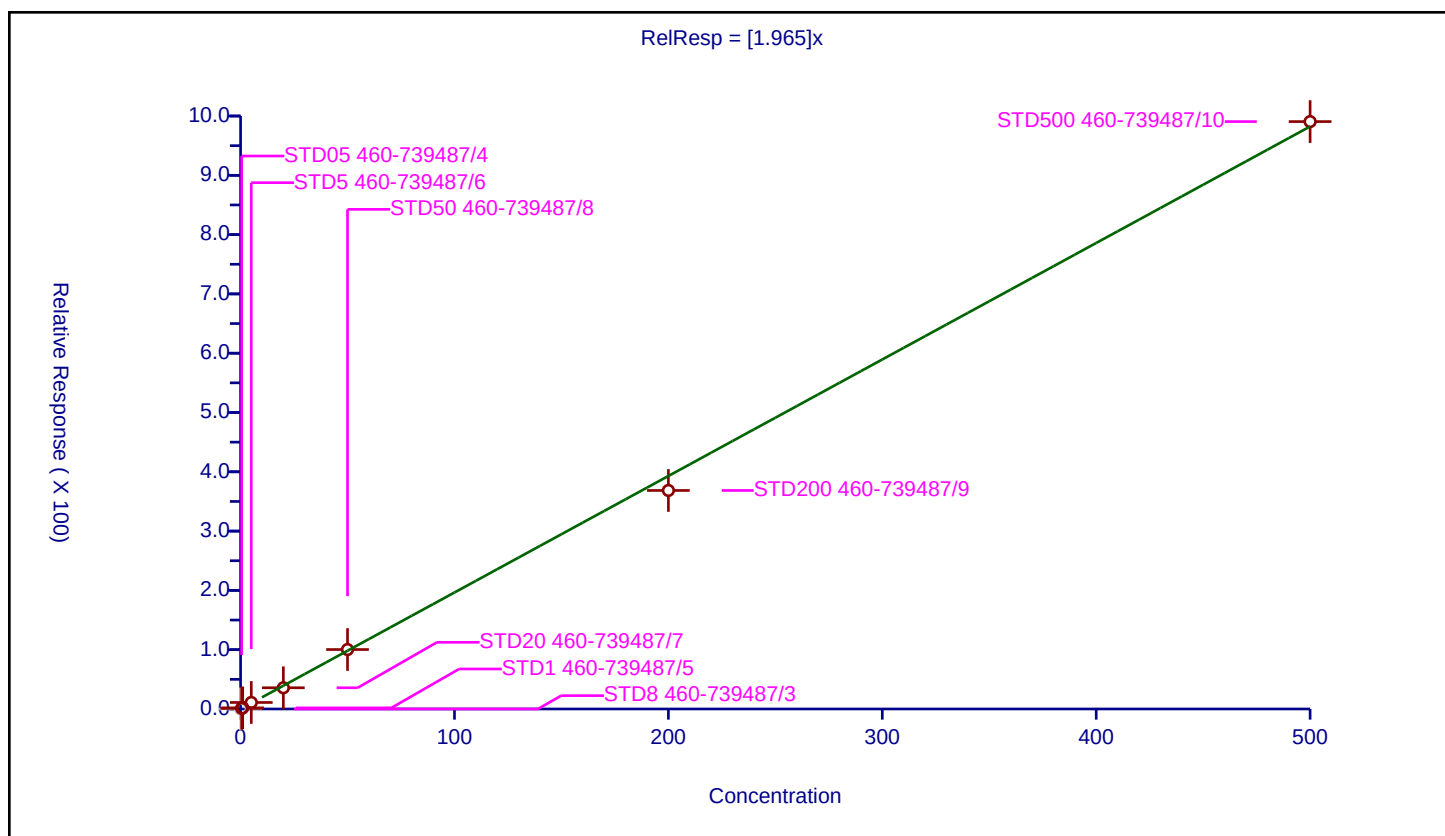
Curve Coefficients

Intercept: 0
Slope: 1.965

Error Coefficients

Standard Error: 1340000
Relative Standard Error: 6.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.006373	50.0	176674.0	2.012747	Y
3	STD1 460-739487/5	1.0	1.927895	50.0	173635.0	1.927895	Y
4	STD5 460-739487/6	5.0	10.974713	50.0	178073.0	2.194943	Y
5	STD20 460-739487/7	20.0	35.76768	50.0	169361.0	1.788384	Y
6	STD50 460-739487/8	50.0	100.251995	50.0	155757.0	2.00504	Y
7	STD200 460-739487/9	200.0	368.526386	50.0	149476.0	1.842632	Y
8	STD500 460-739487/10	500.0	990.616911	50.0	154917.0	1.981234	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

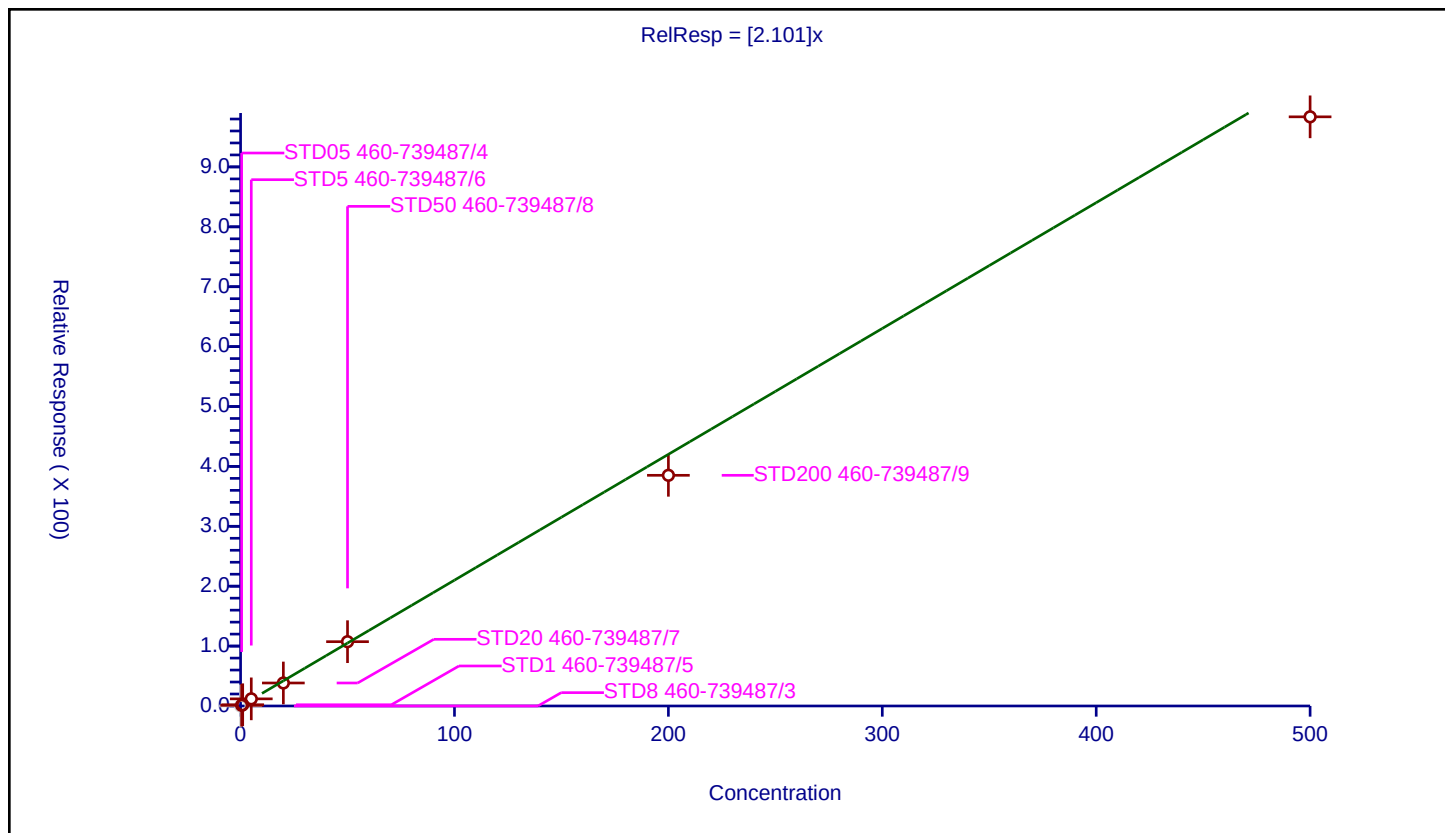
Curve Coefficients

Intercept: 0
 Slope: 2.101

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 8.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.153254	50.0	176674.0	2.306508	Y
3	STD1 460-739487/5	1.0	2.056901	50.0	173635.0	2.056901	Y
4	STD5 460-739487/6	5.0	11.915338	50.0	178073.0	2.383068	Y
5	STD20 460-739487/7	20.0	38.383689	50.0	169361.0	1.919184	Y
6	STD50 460-739487/8	50.0	107.362109	50.0	155757.0	2.147242	Y
7	STD200 460-739487/9	200.0	385.148452	50.0	149476.0	1.925742	Y
8	STD500 460-739487/10	500.0	983.645436	50.0	154917.0	1.967291	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

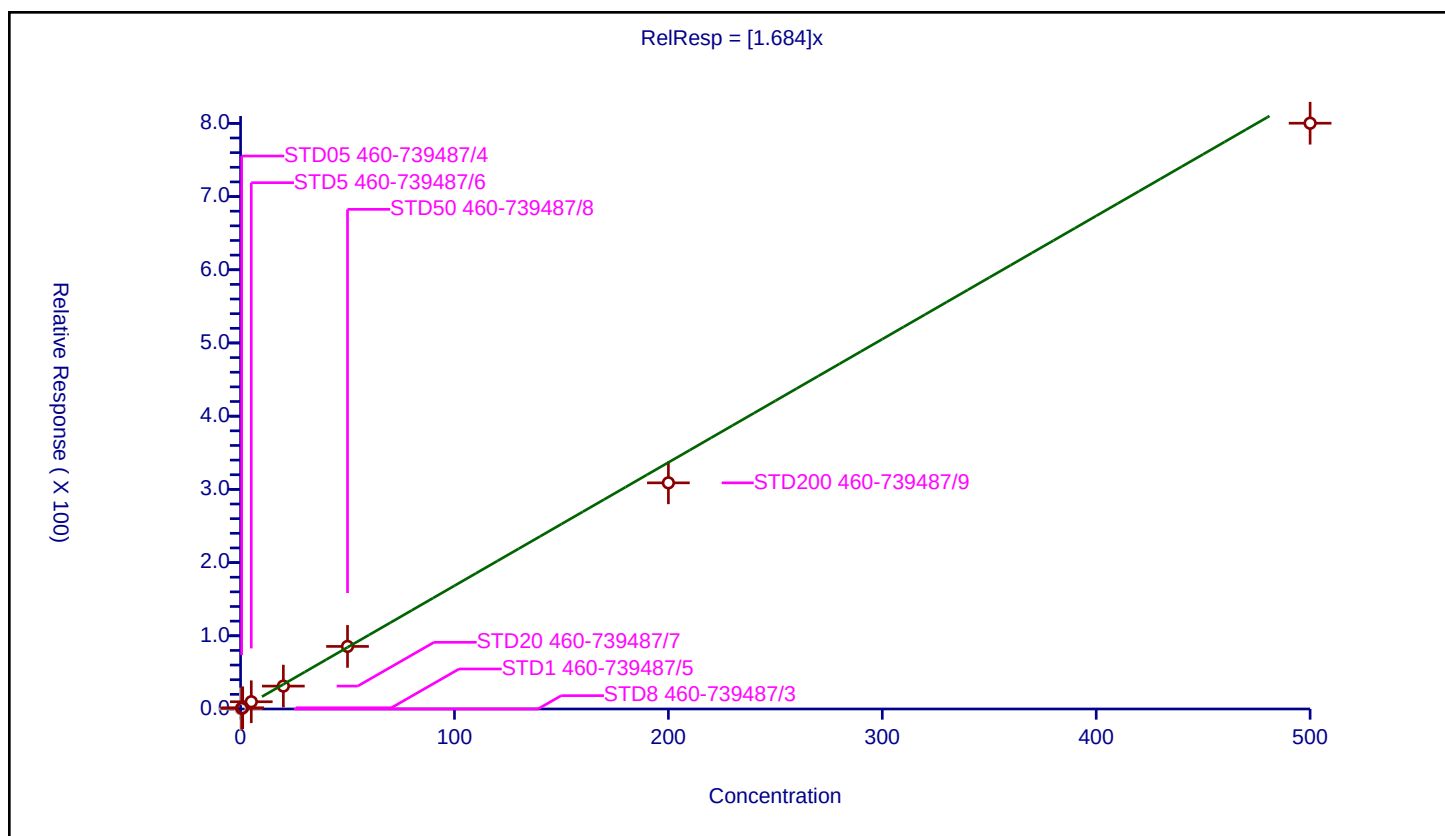
Curve Coefficients

Intercept: 0
Slope: 1.684

Error Coefficients

Standard Error: 1090000
Relative Standard Error: 8.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.85921	50.0	176674.0	1.718419	Y
3	STD1 460-739487/5	1.0	1.671898	50.0	173635.0	1.671898	Y
4	STD5 460-739487/6	5.0	9.899592	50.0	178073.0	1.979918	Y
5	STD20 460-739487/7	20.0	31.254539	50.0	169361.0	1.562727	Y
6	STD50 460-739487/8	50.0	85.478341	50.0	155757.0	1.709567	Y
7	STD200 460-739487/9	200.0	308.906781	50.0	149476.0	1.544534	Y
8	STD500 460-739487/10	500.0	800.18171	50.0	154917.0	1.600363	Y



Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

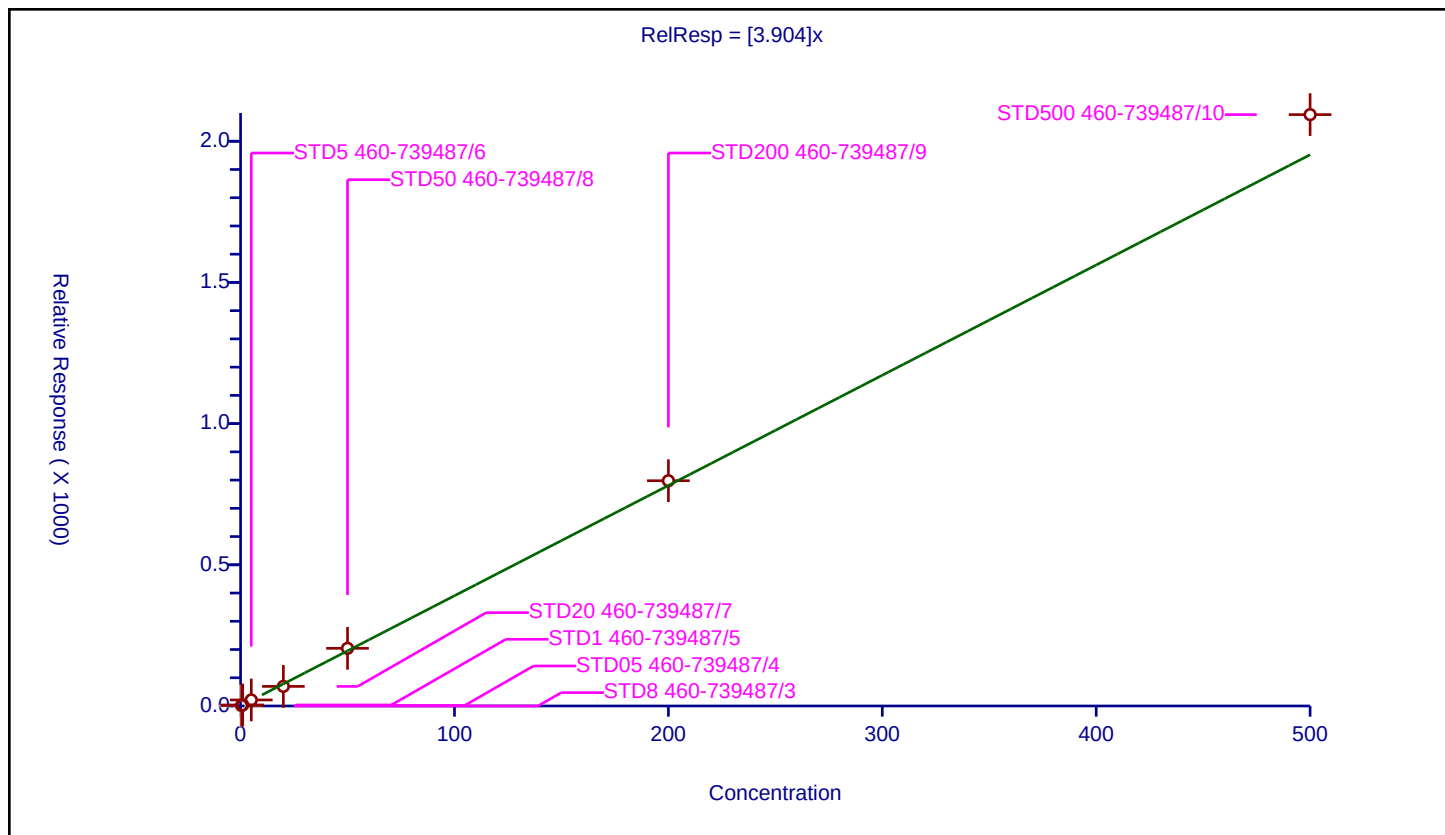
Curve Coefficients

Intercept: 0
 Slope: 3.904

Error Coefficients

Standard Error: 2840000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.843225	50.0	176674.0	3.686451	Y
3	STD1 460-739487/5	1.0	3.641547	50.0	173635.0	3.641547	Y
4	STD5 460-739487/6	5.0	21.359499	50.0	178073.0	4.2719	Y
5	STD20 460-739487/7	20.0	69.405884	50.0	169361.0	3.470294	Y
6	STD50 460-739487/8	50.0	204.182156	50.0	155757.0	4.083643	Y
7	STD200 460-739487/9	200.0	797.756162	50.0	149476.0	3.988781	Y
8	STD500 460-739487/10	500.0	2094.347941	50.0	154917.0	4.188696	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

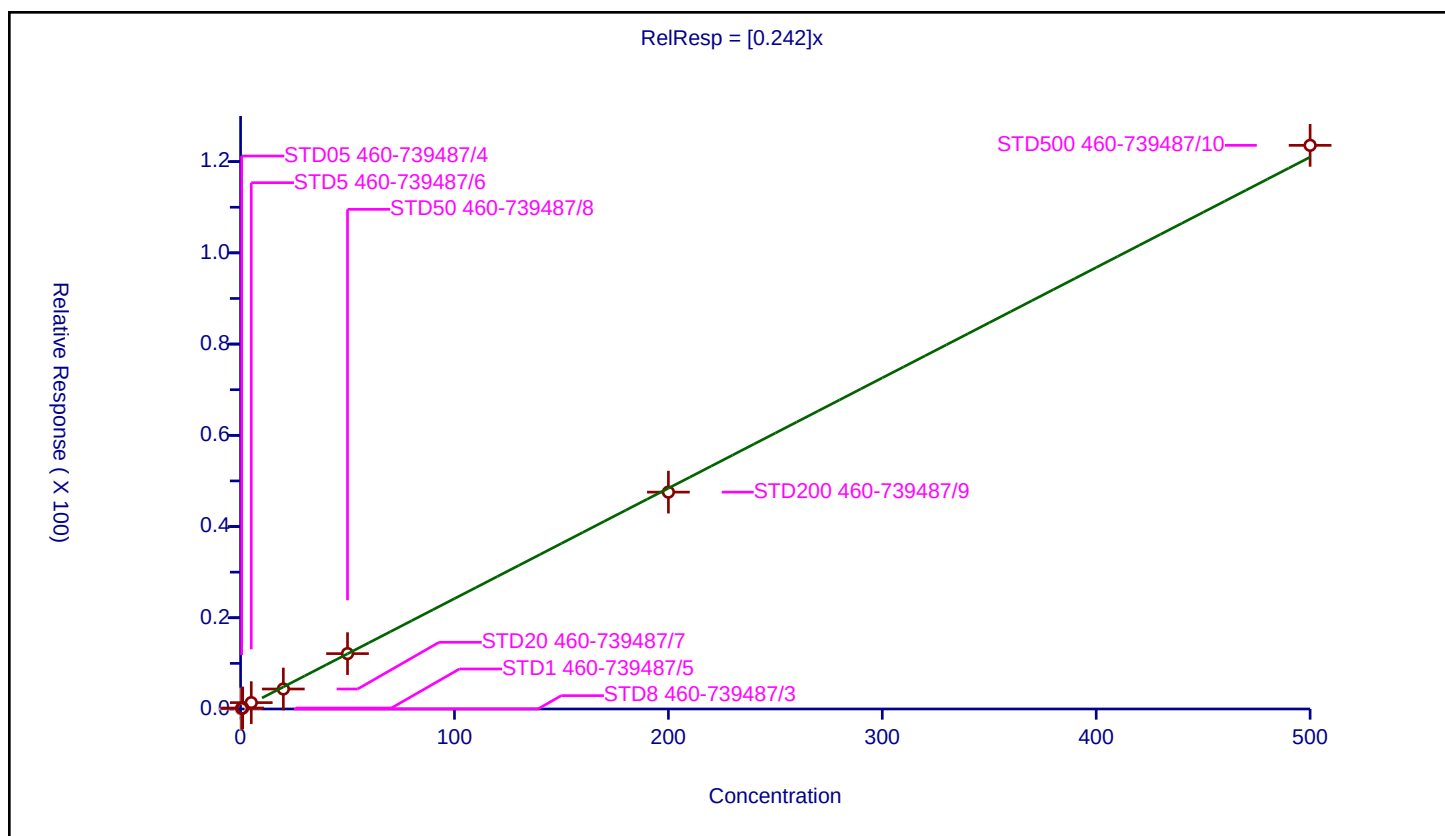
Curve Coefficients

Intercept: 0
Slope: 0.242

Error Coefficients

Standard Error: 168000
Relative Standard Error: 8.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.126221	50.0	176674.0	0.252442	Y
3	STD1 460-739487/5	1.0	0.21597	50.0	173635.0	0.21597	Y
4	STD5 460-739487/6	5.0	1.39353	50.0	178073.0	0.278706	Y
5	STD20 460-739487/7	20.0	4.381174	50.0	169361.0	0.219059	Y
6	STD50 460-739487/8	50.0	12.140706	50.0	155757.0	0.242814	Y
7	STD200 460-739487/9	200.0	47.542415	50.0	149476.0	0.237712	Y
8	STD500 460-739487/10	500.0	123.56875	50.0	154917.0	0.247137	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

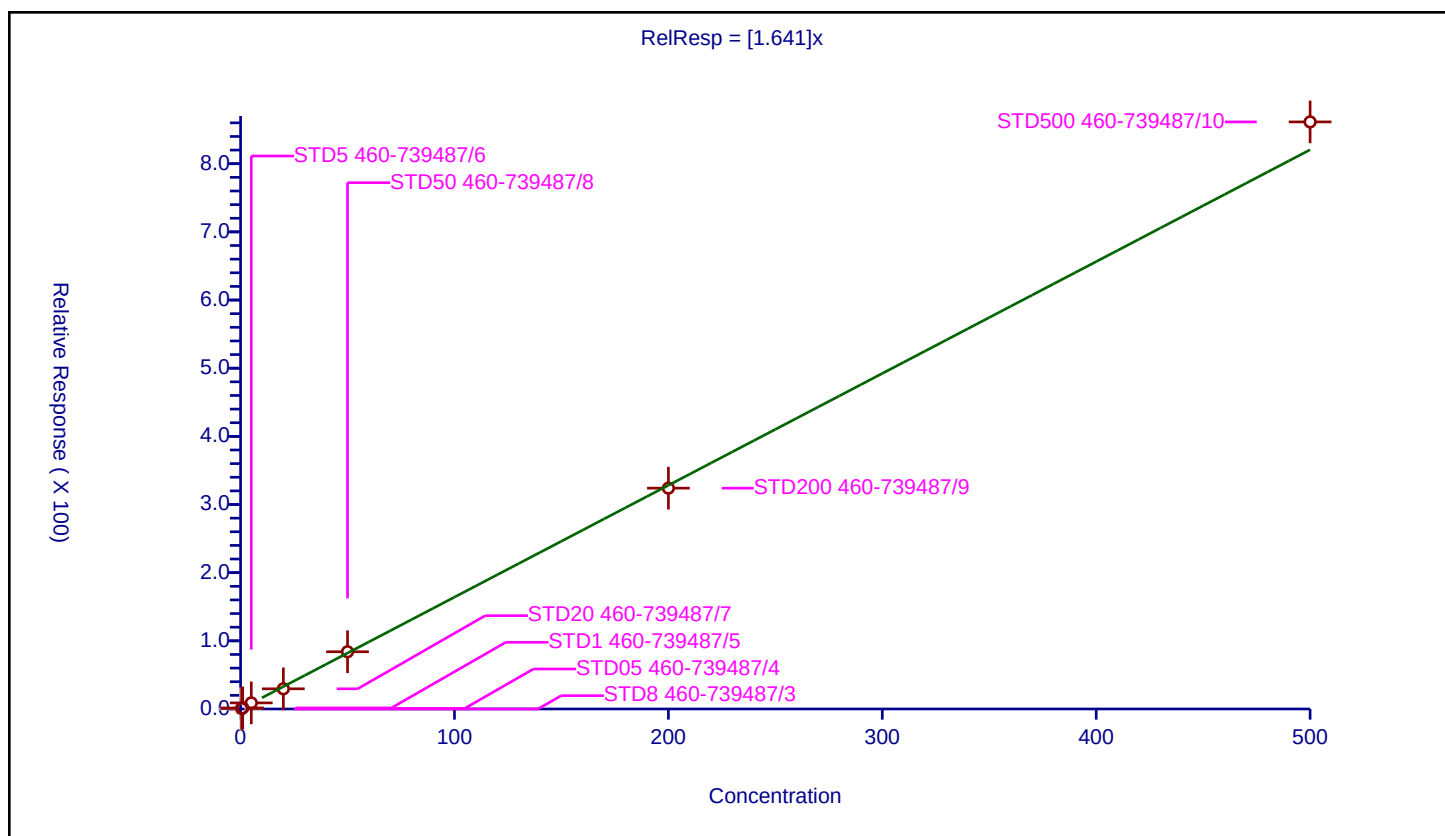
Curve Coefficients

Intercept: 0
 Slope: 1.641

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 6.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.816759	50.0	176674.0	1.633517	Y
3	STD1 460-739487/5	1.0	1.564201	50.0	173635.0	1.564201	Y
4	STD5 460-739487/6	5.0	8.931449	50.0	178073.0	1.78629	Y
5	STD20 460-739487/7	20.0	29.603628	50.0	169361.0	1.480181	Y
6	STD50 460-739487/8	50.0	83.993657	50.0	155757.0	1.679873	Y
7	STD200 460-739487/9	200.0	324.029945	50.0	149476.0	1.62015	Y
8	STD500 460-739487/10	500.0	861.372864	50.0	154917.0	1.722746	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

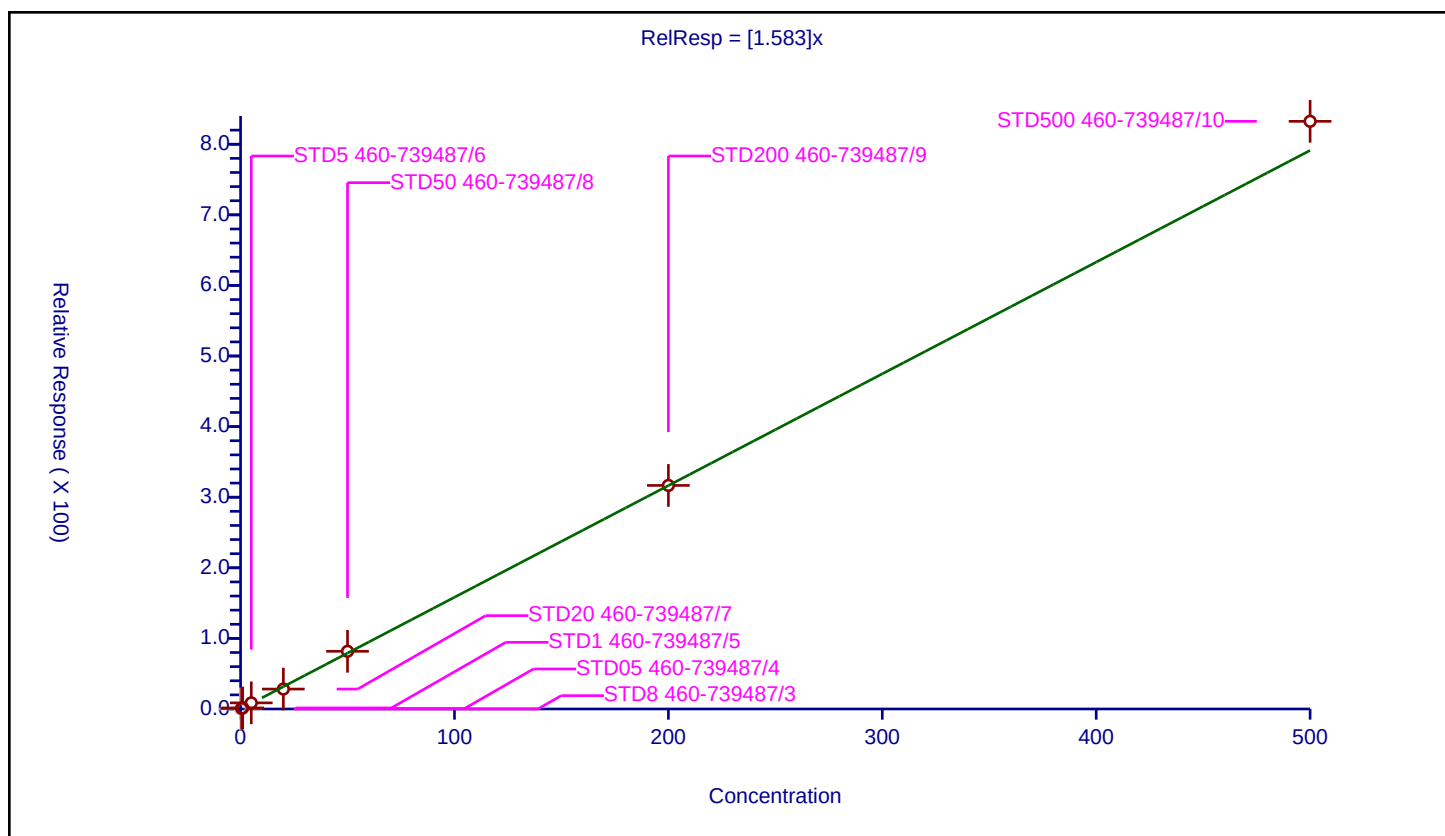
Curve Coefficients

Intercept: 0
Slope: 1.583

Error Coefficients

Standard Error: 1130000
Relative Standard Error: 7.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.783081	50.0	176674.0	1.566161	Y
3	STD1 460-739487/5	1.0	1.479828	50.0	173635.0	1.479828	Y
4	STD5 460-739487/6	5.0	8.687168	50.0	178073.0	1.737434	Y
5	STD20 460-739487/7	20.0	28.227573	50.0	169361.0	1.411379	Y
6	STD50 460-739487/8	50.0	81.729232	50.0	155757.0	1.634585	Y
7	STD200 460-739487/9	200.0	316.697329	50.0	149476.0	1.583487	Y
8	STD500 460-739487/10	500.0	832.497402	50.0	154917.0	1.664995	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

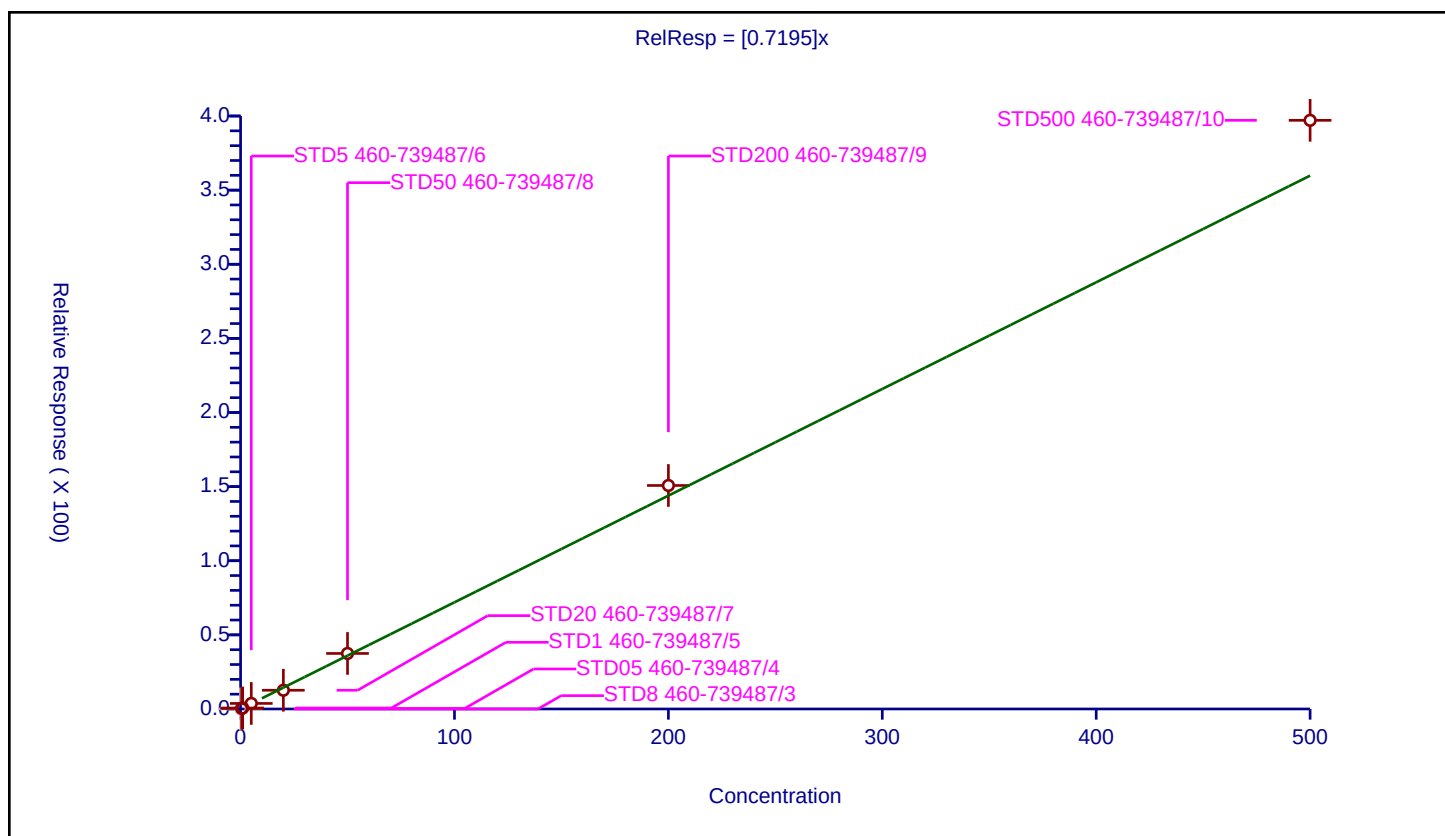
Curve Coefficients

Intercept: 0
 Slope: 0.7195

Error Coefficients

Standard Error: 537000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.350646	50.0	176674.0	0.701292	Y
3	STD1 460-739487/5	1.0	0.656262	50.0	173635.0	0.656262	Y
4	STD5 460-739487/6	5.0	3.751551	50.0	178073.0	0.75031	Y
5	STD20 460-739487/7	20.0	12.630712	50.0	169361.0	0.631536	Y
6	STD50 460-739487/8	50.0	37.469905	50.0	155757.0	0.749398	Y
7	STD200 460-739487/9	200.0	150.771361	50.0	149476.0	0.753857	Y
8	STD500 460-739487/10	500.0	397.08134	50.0	154917.0	0.794163	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

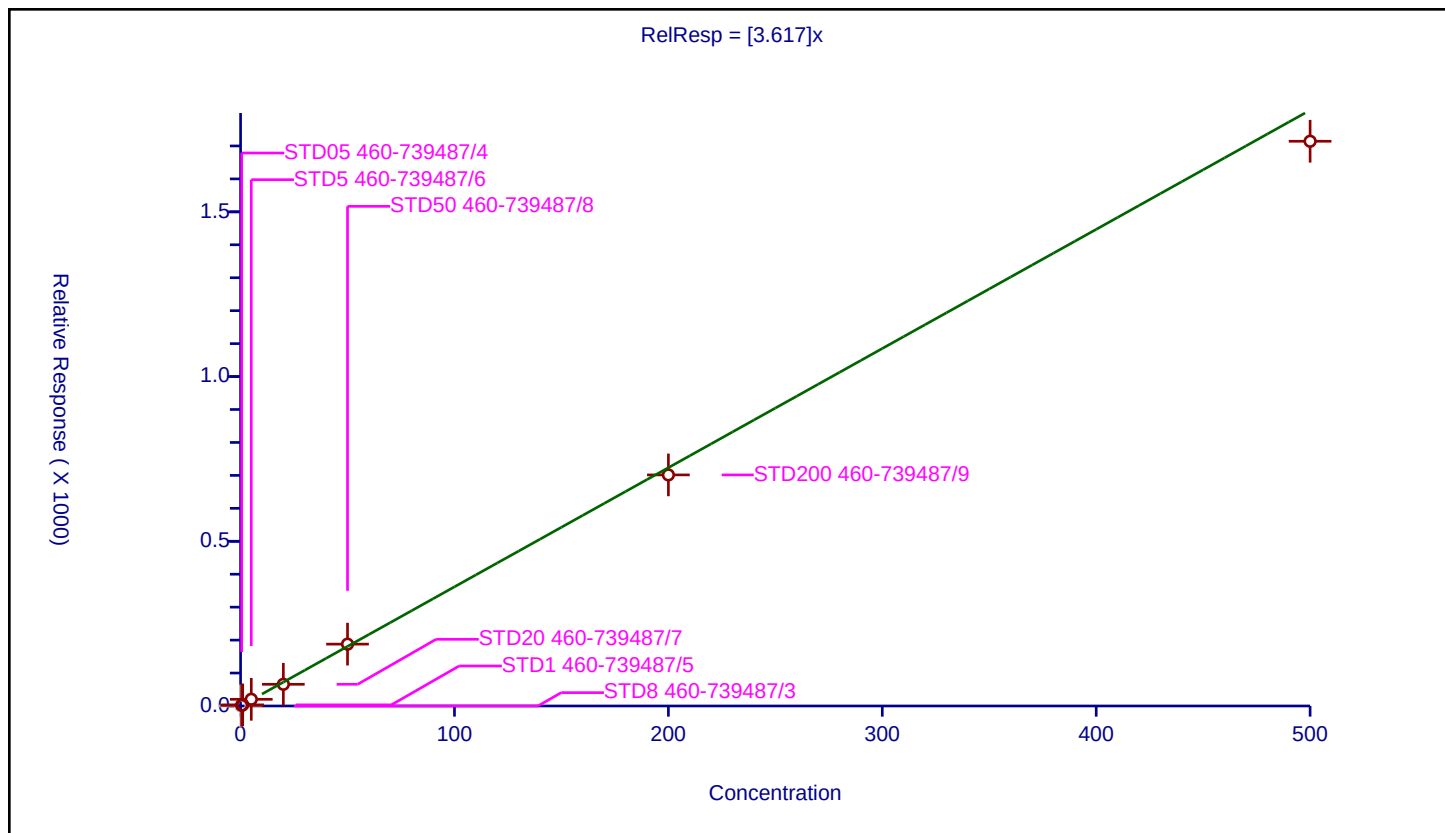
Curve Coefficients

Intercept: 0
Slope: 3.617

Error Coefficients

Standard Error: 2340000
Relative Standard Error: 7.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	1.937467	50.0	176674.0	3.874933	Y
3	STD1 460-739487/5	1.0	3.402828	50.0	173635.0	3.402828	Y
4	STD5 460-739487/6	5.0	20.290555	50.0	178073.0	4.058111	Y
5	STD20 460-739487/7	20.0	65.877032	50.0	169361.0	3.293852	Y
6	STD50 460-739487/8	50.0	187.724468	50.0	155757.0	3.754489	Y
7	STD200 460-739487/9	200.0	701.41996	50.0	149476.0	3.5071	Y
8	STD500 460-739487/10	500.0	1714.24892	50.0	154917.0	3.428498	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

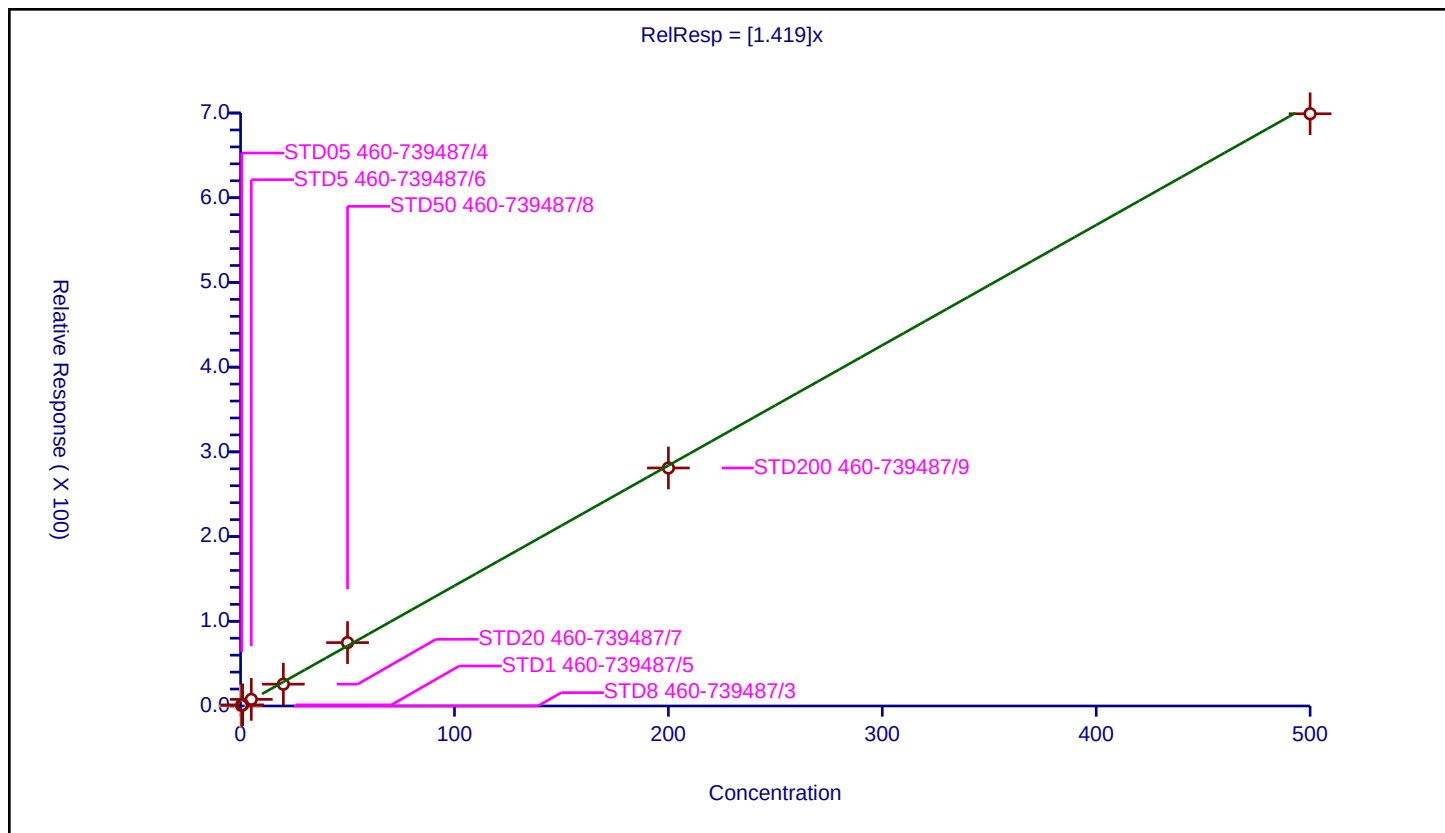
Curve Coefficients

Intercept: 0
 Slope: 1.419

Error Coefficients

Standard Error: 954000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-739487/3	0.0	0.0	50.0	174242.0	NaN	N
2	STD05 460-739487/4	0.5	0.72563	50.0	176674.0	1.451261	Y
3	STD1 460-739487/5	1.0	1.342471	50.0	173635.0	1.342471	Y
4	STD5 460-739487/6	5.0	7.775463	50.0	178073.0	1.555093	Y
5	STD20 460-739487/7	20.0	25.764491	50.0	169361.0	1.288225	Y
6	STD50 460-739487/8	50.0	74.818788	50.0	155757.0	1.496376	Y
7	STD200 460-739487/9	200.0	280.965841	50.0	149476.0	1.404829	Y
8	STD500 460-739487/10	500.0	699.10565	50.0	154917.0	1.398211	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: ICV 460-739487/15 Calibration Date: 11/13/2020 05:59

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT133031.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
Monochloropentafluoroethane	QuaF		0.0254		12.4	20.0	-38.2*	30.0
1,1-Difluoroethane	Ave	0.4680	0.4102		17.5	20.0	-12.4	30.0
Chlorotrifluoroethene	Ave	0.1495	0.1338		17.9	20.0	-10.5	30.0
Dichlorodifluoromethane	Ave	0.5636	0.4349	0.1000	15.4	20.0	-22.8	30.0
Chlorodifluoromethane	Ave	0.5167	0.4861		18.8	20.0	-5.9	30.0
Chloromethane	Ave	0.6114	0.4947	0.1000	16.2	20.0	-19.1	30.0
Butadiene	Ave	0.5371	0.4052		15.1	20.0	-24.6	30.0
Vinyl chloride	Ave	0.5966	0.5185	0.1000	17.4	20.0	-13.1	30.0
Bromomethane	Ave	2.739	2.471	0.1000	18.0	20.0	-9.8	30.0
Chloroethane	QuaF		2.001	0.1000	18.7	20.0	-6.4	30.0
Dichlorofluoromethane	Ave	0.7316	0.7072		19.3	20.0	-3.3	30.0
Pentane	Ave	0.0623	0.0617		39.6	40.0	-0.9	30.0
Trichlorofluoromethane	Ave	0.5504	0.5178	0.1000	18.8	20.0	-5.9	30.0
Ethanol	Ave	0.4358	0.4082		749	800	-6.3	30.0
Ethyl ether	Ave	0.1943	0.1802		18.5	20.0	-7.3	30.0
2-Methyl-1,3-butadiene	Ave	0.3252	0.3004		18.5	20.0	-7.6	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2933	0.2796		19.1	20.0	-4.7	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4905	0.4765		19.4	20.0	-2.8	30.0
Acrolein	Ave	10.31	9.756		37.9	40.1	-5.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3116	0.3020	0.1000	19.4	20.0	-3.1	30.0
1,1-Dichloroethene	Ave	0.3202	0.3051	0.1000	19.1	20.0	-4.7	30.0
Acetone	Ave	0.7930	0.7246	0.0500	91.4	100	-8.6	30.0
Iodomethane	Ave	0.5642	0.5403		19.2	20.0	-4.2	30.0
Isopropyl alcohol	Ave	5.693	4.687		165	200	-17.7	30.0
Carbon disulfide	Ave	1.347	1.217	0.1000	18.1	20.0	-9.7	30.0
3-Chloro-1-propene	Ave	0.2021	0.1945		19.2	20.0	-3.8	30.0
Cyclopentene	Ave	0.8284	0.8301		20.0	20.0	0.2	30.0
Methyl acetate	Ave	0.2524	0.2326	0.1000	36.9	40.0	-7.8	30.0
Acetonitrile	Ave	0.2403	0.2136		178	200	-11.1	30.0
Methylene Chloride	Ave	0.3874	0.3670	0.1000	18.9	20.0	-5.3	30.0
2-Methyl-2-propanol	Ave	8.172	6.911		169	200	-15.4	30.0
Methyl tert-butyl ether	Ave	0.8615	0.8189	0.1000	19.0	20.0	-4.9	30.0
trans-1,2-Dichloroethene	Ave	0.3253	0.3107	0.1000	19.1	20.0	-4.5	30.0
Acrylonitrile	Ave	0.1352	0.1260		186	200	-6.9	30.0
Hexane	Ave	0.4556	0.4487		19.7	20.0	-1.5	30.0
Isopropyl ether	Ave	1.170	1.077		18.4	20.0	-7.9	30.0
1,1-Dichloroethane	Ave	0.5922	0.5537	0.2000	18.7	20.0	-6.5	30.0
Vinyl acetate	Ave	0.5203	0.4472		34.4	40.0	-14.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2751	0.2552		18.6	20.0	-7.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: ICV 460-739487/15 Calibration Date: 11/13/2020 05:59
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT133031.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.005	0.9171		18.2	20.0	-8.8	30.0
2,2-Dichloropropane	QuaF		0.1083		20.1	20.0	0.5	30.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3302	0.1000	18.5	20.0	-7.5	30.0
2-Butanone (MEK)	Ave	0.3020	0.2530	0.0500	83.8	100	-16.2	30.0
Ethyl acetate	Ave	0.2671	0.2442		36.6	40.0	-8.6	30.0
Methyl acrylate	Ave	0.2836	0.2497		17.6	20.0	-12.0	30.0
Propionitrile	Ave	11.41	9.835		172	200	-13.8	30.0
Chlorobromomethane	Ave	0.1700	0.1502		17.7	20.0	-11.7	30.0
Tetrahydrofuran	Ave	0.3309	0.3018		36.5	40.0	-8.8	30.0
Methacrylonitrile	Ave	0.1304	0.1219		187	200	-6.5	30.0
Chloroform	Ave	0.5378	0.5053	0.2000	18.8	20.0	-6.0	30.0
Cyclohexane	Ave	0.5051	0.4757	0.1000	18.8	20.0	-5.8	30.0
1,1,1-Trichloroethane	Ave	0.4836	0.4619	0.1000	19.1	20.0	-4.5	30.0
Carbon tetrachloride	Ave	0.4065	0.3780	0.1000	18.6	20.0	-7.0	30.0
1,1-Dichloropropene	Ave	0.4202	0.3751		17.9	20.0	-10.7	30.0
Isobutyl alcohol	Ave	5.882	5.356		455	500	-8.9	30.0
Isooctane	Ave	1.307	1.297		19.8	20.0	-0.8	30.0
Benzene	Ave	1.747	1.693	0.5000	19.4	20.0	-3.1	30.0
Isopropyl acetate	Ave	0.1738	0.1533		17.6	20.0	-11.8	30.0
Tert-amyl methyl ether	Ave	1.058	1.022		19.3	20.0	-3.4	30.0
1,2-Dichloroethane	Ave	0.3901	0.3500	0.1000	17.9	20.0	-10.3	30.0
n-Heptane	Ave	0.0787	0.0738		18.8	20.0	-6.2	30.0
n-Butanol	Ave	2.573	1.856		361	500	-27.9	30.0
Trichloroethene	Ave	0.3050	0.2671	0.2000	17.5	20.0	-12.4	30.0
Methylcyclohexane	Ave	0.5807	0.5438	0.1000	18.7	20.0	-6.4	30.0
Ethyl acrylate	Ave	0.0511	0.0421		16.5	20.0	-17.7	30.0
1,2-Dichloropropane	Ave	0.3201	0.2915	0.1000	18.2	20.0	-8.9	30.0
Methyl methacrylate	Ave	0.0742	0.0682		36.8	40.0	-8.0	30.0
1,4-Dioxane	Ave	1.369	1.246		364	400	-9.0	30.0
Dibromomethane	Ave	0.2014	0.1721		17.1	20.0	-14.6	30.0
n-Propyl acetate	Ave	0.4694	0.3876		16.5	20.0	-17.4	30.0
Dichlorobromomethane	Ave	0.4162	0.3702	0.2000	17.8	20.0	-11.1	30.0
2-Nitropropane	Qua		0.0679		33.8	40.0	-15.5	30.0
2-Chloroethyl vinyl ether	Ave	0.2019	0.1796		17.8	20.0	-11.0	30.0
Epichlorohydrin	Ave	0.2546	0.2552		20.0	20.0	0.2	30.0
cis-1,3-Dichloropropene	Ave	0.7309	0.6728	0.2000	18.4	20.0	-7.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.479	2.197	0.0500	88.6	100	-11.4	30.0
Toluene	Ave	1.701	1.621	0.4000	19.1	20.0	-4.7	30.0
trans-1,3-Dichloropropene	Ave	0.6497	0.5566	0.1000	17.1	20.0	-14.3	30.0
Ethyl methacrylate	Ave	0.5636	0.5243		18.6	20.0	-7.0	30.0
1,1,2-Trichloroethane	Ave	0.3369	0.3000	0.1000	17.8	20.0	-11.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: ICV 460-739487/15 Calibration Date: 11/13/2020 05:59

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT133031.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
Tetrachloroethene	Ave	0.3950	0.3726	0.2000	18.9	20.0	-5.7	30.0
1,3-Dichloropropane	Ave	0.6239	0.5809		18.6	20.0	-6.9	30.0
2-Hexanone	Ave	1.558	1.378	0.0500	88.5	100	-11.5	30.0
n-Butyl acetate	Ave	0.7275	0.6564		18.0	20.0	-9.8	30.0
Chlorodibromomethane	Ave	0.4018	0.3772	0.1000	18.8	20.0	-6.1	30.0
Ethylene Dibromide	Ave	0.3787	0.3388	0.1000	17.9	20.0	-10.5	30.0
Chlorobenzene	Ave	1.047	0.9668	0.5000	18.5	20.0	-7.6	30.0
Ethylbenzene	Ave	0.5785	0.5490	0.1000	19.0	20.0	-5.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4262	0.4004		18.8	20.0	-6.1	30.0
m-Xylene & p-Xylene	Ave	0.7105	0.6782	0.1000	19.1	20.0	-4.6	30.0
o-Xylene	Ave	0.7446	0.7109	0.3000	19.1	20.0	-4.5	30.0
n-Butyl acrylate	Ave	0.3566	0.3341		18.7	20.0	-6.3	30.0
Styrene	Ave	1.166	1.097	0.3000	18.8	20.0	-6.0	30.0
Bromoform	Ave	0.2727	0.2497	0.1000	18.3	20.0	-8.5	30.0
Amyl acetate (mixed isomers)	Ave	1.716	1.547		18.0	20.0	-9.9	30.0
Isopropylbenzene	Ave	2.055	1.953	0.1000	19.0	20.0	-5.0	30.0
Bromobenzene	Ave	0.8946	0.8029		18.0	20.0	-10.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.087	0.9881	0.3000	18.2	20.0	-9.1	30.0
N-Propylbenzene	Ave	4.757	4.457		18.7	20.0	-6.3	30.0
1,2,3-Trichloropropane	QuaF		0.2542		19.2	20.0	-3.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2771	0.2613		18.9	20.0	-5.7	30.0
2-Chlorotoluene	Ave	3.152	2.951		18.7	20.0	-6.4	30.0
4-Ethyltoluene	Ave	3.732	3.542		19.0	20.0	-5.1	30.0
1,3,5-Trimethylbenzene	Ave	3.279	3.081		18.8	20.0	-6.0	30.0
4-Chlorotoluene	Ave	2.987	2.777		18.6	20.0	-7.0	30.0
Butyl Methacrylate	Ave	1.159	1.089		18.8	20.0	-6.0	30.0
tert-Butylbenzene	Ave	2.685	2.476		18.4	20.0	-7.8	30.0
1,2,4-Trimethylbenzene	Ave	3.402	3.132		18.4	20.0	-7.9	30.0
sec-Butylbenzene	Ave	4.445	4.128		18.6	20.0	-7.1	30.0
1,3-Dichlorobenzene	Ave	1.752	1.565	0.6000	17.9	20.0	-10.7	30.0
4-Isopropyltoluene	Ave	3.683	3.385		18.4	20.0	-8.1	30.0
1,4-Dichlorobenzene	Ave	1.702	1.574	0.5000	18.5	20.0	-7.5	30.0
1,2,3-Trimethylbenzene	Ave	3.539	3.289		18.6	20.0	-7.0	30.0
Benzyl chloride	Ave	2.142	1.938		18.1	20.0	-9.5	30.0
Indan	Ave	3.240	3.056		18.9	20.0	-5.7	30.0
p-Diethylbenzene	Ave	1.965	1.895		19.3	20.0	-3.5	30.0
n-Butylbenzene	Ave	2.101	1.940		18.5	20.0	-7.6	30.0
1,2-Dichlorobenzene	Ave	1.684	1.557	0.4000	18.5	20.0	-7.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.904	3.476		17.8	20.0	-11.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2420	0.2043	0.0500	16.9	20.0	-15.6	30.0
1,3,5-Trichlorobenzene	Ave	1.641	1.457		17.8	20.0	-11.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: ICV 460-739487/15 Calibration Date: 11/13/2020 05:59
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT133031.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
1,2,4-Trichlorobenzene	Ave	1.583	1.414	0.2000	17.9	20.0	-10.6	30.0
Hexachlorobutadiene	Ave	0.7195	0.6411		17.8	20.0	-10.9	30.0
Naphthalene	Ave	3.617	3.172		17.5	20.0	-12.3	30.0
1,2,3-Trichlorobenzene	Ave	1.419	1.297		18.3	20.0	-8.6	30.0
Dibromofluoromethane (Surr)	Ave	0.2515	0.2569		51.1	50.0	2.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2872	0.2865		49.9	50.0	-0.2	30.0
Toluene-d8 (Surr)	Ave	1.286	1.342		52.2	50.0	4.4	30.0
4-Bromofluorobenzene	Ave	0.3825	0.3923		51.3	50.0	2.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 13-Nov-2020 05:59:30 ALS Bottle#: 13 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0120015-015
 Operator ID: Instrument ID: CVOAMS17
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 08:00:02 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

First Level Reviewer: desais

Date: 13-Nov-2020 04:19:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.196	0.006	66	5253	20.0	12.4	M
2 1,1-Difluoroethane	51	1.269	1.269	0.000	98	84824	20.0	17.5	
3 Chlorotrifluoroethene	116	1.275	1.269	0.006	55	27660	20.0	17.9	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	99	89923	20.0	15.4	
5 Chlorodifluoromethane	51	1.311	1.306	0.005	100	100511	20.0	18.8	
6 Chloromethane	50	1.433	1.434	-0.001	99	102297	20.0	16.2	
8 Butadiene	54	1.500	1.501	-0.001	97	83785	20.0	15.1	
7 Vinyl chloride	62	1.507	1.507	0.000	98	107217	20.0	17.4	
9 Bromomethane	94	1.726	1.720	0.006	98	66183	20.0	18.0	
10 Chloroethane	64	1.775	1.775	0.000	100	53587	20.0	18.7	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	99	146235	20.0	19.3	
12 Trichlorofluoromethane	101	1.939	1.940	-0.001	98	107067	20.0	18.8	
13 Pentane	72	1.939	1.946	-0.007	97	25525	40.0	39.6	
15 Ethyl ether	74	2.098	2.098	0.000	92	37257	20.0	18.5	
14 Ethanol	46	2.086	2.104	-0.018	94	15484	800.0	749.4	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	62114	20.0	18.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	89	57823	20.0	19.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.195	2.196	-0.001	93	98530	20.0	19.4	a
19 Acrolein	56	2.244	2.244	0.000	94	18528	40.1	37.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.262	2.263	-0.001	94	62451	20.0	19.4	
21 1,1-Dichloroethene	96	2.275	2.281	-0.006	97	63095	20.0	19.1	
22 Acetone	43	2.348	2.348	0.000	87	97037	100.0	91.4	
23 Iodomethane	142	2.409	2.409	0.000	99	111726	20.0	19.2	
25 Isopropyl alcohol	45	2.427	2.427	0.000	99	44442	200.0	164.6	
24 Carbon disulfide	76	2.439	2.439	0.000	99	251629	20.0	18.1	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	94	40227	20.0	19.2	
27 Methyl acetate	43	2.555	2.549	0.006	98	96183	40.0	36.9	
28 Cyclopentene	67	2.555	2.555	0.000	91	171658	20.0	20.0	
29 Acetonitrile	40	2.604	2.604	0.000	100	57205	200.0	177.8	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	47414	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	96	75889	20.0	18.9	
32 2-Methyl-2-propanol	59	2.714	2.714	0.000	98	65535	200.0	169.1	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	98	169335	20.0	19.0	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	97	64256	20.0	19.1	
35 Acrylonitrile	53	2.878	2.878	0.000	96	260485	200.0	186.3	
36 Hexane	57	2.945	2.945	0.000	94	92775	20.0	19.7	
37 Isopropyl ether	45	3.140	3.141	-0.001	98	222789	20.0	18.4	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	100	114492	20.0	18.7	
39 Vinyl acetate	86	3.177	3.177	0.000	100	23955	40.0	34.4	
40 2-Chloro-1,3-butadiene	88	3.201	3.202	-0.001	92	52778	20.0	18.6	
41 Tert-butyl ethyl ether	59	3.427	3.427	0.000	88	189629	20.0	18.2	
* 42 2-Butanone-d5	46	3.598	3.598	0.000	100	334818	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	85	22393	20.0	20.1	a
44 cis-1,2-Dichloroethene	96	3.628	3.628	0.000	95	68271	20.0	18.5	
45 2-Butanone (MEK)	72	3.646	3.647	-0.001	96	33887	100.0	83.8	
46 Ethyl acetate	70	3.659	3.653	0.006	96	13080	40.0	36.6	
47 Methyl acrylate	55	3.701	3.701	0.000	100	51632	20.0	17.6	
48 Propionitrile	54	3.768	3.768	0.000	99	93261	200.0	172.4	
49 Chlorobromomethane	128	3.829	3.829	0.000	98	31051	20.0	17.7	
50 Tetrahydrofuran	72	3.835	3.836	-0.001	98	16169	40.0	36.5	
51 Methacrylonitrile	67	3.860	3.860	0.000	94	252057	200.0	187.0	
52 Chloroform	83	3.884	3.884	0.000	99	104484	20.0	18.8	
53 Cyclohexane	84	3.994	3.994	0.000	93	98364	20.0	18.8	
54 1,1,1-Trichloroethane	97	4.012	4.012	0.000	98	95507	20.0	19.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.024	4.025	0.000	96	132795	50.0	51.1	
56 Carbon tetrachloride	117	4.116	4.116	0.000	99	78164	20.0	18.6	
57 1,1-Dichloropropene	75	4.146	4.146	0.000	97	77569	20.0	17.9	
58 Isobutyl alcohol	43	4.286	4.287	-0.001	92	126976	500.0	455.3	
59 Isooctane	57	4.305	4.311	-0.006	99	268194	20.0	19.8	
60 Benzene	78	4.329	4.329	0.000	97	232437	20.0	19.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.347	4.348	-0.001	95	148127	50.0	49.9	
62 Tert-amyl methyl ether	73	4.402	4.396	0.006	76	211330	20.0	19.3	
63 Isopropyl acetate	61	4.402	4.409	-0.007	94	31694	20.0	17.6	
64 1,2-Dichloroethane	62	4.415	4.415	-0.001	95	72371	20.0	17.9	
65 n-Heptane	100	4.482	4.488	-0.006	94	15262	20.0	18.8	
* 66 Fluorobenzene	96	4.597	4.598	-0.001	98	516949	50.0	50.0	
67 n-Butanol	56	4.914	4.908	0.006	88	44001	500.0	360.7	
68 Trichloroethene	95	4.927	4.927	0.000	97	55228	20.0	17.5	
69 Methylcyclohexane	83	5.042	5.043	-0.001	95	112437	20.0	18.7	
70 Ethyl acrylate	99	5.061	5.061	0.000	97	8696	20.0	16.5	
71 1,2-Dichloropropane	63	5.201	5.201	0.000	90	60277	20.0	18.2	
* 72 1,4-Dioxane-d8	96	5.268	5.268	0.000	91	27171	1000.0	1000.0	M
73 Methyl methacrylate	100	5.292	5.293	-0.001	92	28208	40.0	36.8	
75 1,4-Dioxane	88	5.317	5.317	0.000	45	13544	400.0	364.1	
74 Dibromomethane	93	5.317	5.323	-0.006	97	35578	20.0	17.1	
76 n-Propyl acetate	43	5.353	5.354	-0.001	99	80156	20.0	16.5	
77 Dichlorobromomethane	83	5.469	5.469	0.000	99	76546	20.0	17.8	
78 2-Nitropropane	41	5.798	5.799	-0.001	97	28097	40.0	33.8	
79 2-Chloroethyl vinyl ether	63	5.811	5.811	0.000	97	37147	20.0	17.8	
80 Epichlorohydrin	57	5.902	5.902	0.000	94	6835	20.0	20.0	
81 cis-1,3-Dichloropropene	75	5.951	5.951	0.000	93	92358	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.121	6.122	-0.001	97	294259	100.0	88.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.182	6.183	-0.001	99	460644	50.0	52.2	
84 Toluene	91	6.256	6.256	0.000	93	222514	20.0	19.1	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	97	76402	20.0	17.1	
86 Ethyl methacrylate	69	6.652	6.652	0.000	92	71973	20.0	18.6	
87 1,1,2-Trichloroethane	83	6.810	6.811	-0.001	97	41183	20.0	17.8	
88 Tetrachloroethene	166	6.835	6.835	0.000	96	51150	20.0	18.9	
89 1,3-Dichloropropane	76	7.005	7.006	-0.001	96	79744	20.0	18.6	
90 2-Hexanone	43	7.091	7.091	0.000	97	184548	100.0	88.5	
91 n-Butyl acetate	43	7.213	7.213	0.000	99	90095	20.0	18.0	
92 Chlorodibromomethane	129	7.225	7.225	0.000	98	51773	20.0	18.8	
93 Ethylene Dibromide	107	7.365	7.365	0.000	98	46506	20.0	17.9	
* 94 Chlorobenzene-d5	117	7.908	7.902	0.006	89	343163	50.0	50.0	
95 Chlorobenzene	112	7.938	7.938	0.000	92	132708	20.0	18.5	
96 Ethylbenzene	106	8.054	8.054	0.000	99	75362	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.066	0.000	95	54960	20.0	18.8	
98 m-Xylene & p-Xylene	106	8.213	8.213	0.000	98	93087	20.0	19.1	
99 o-Xylene	106	8.725	8.725	0.000	93	97578	20.0	19.1	
100 n-Butyl acrylate	73	8.749	8.749	0.000	97	45858	20.0	18.7	
101 Styrene	104	8.761	8.761	0.000	95	150534	20.0	18.8	
102 Bromoform	173	9.017	9.011	0.006	96	34271	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.054	9.054	0.000	90	110780	20.0	18.0	
104 Isopropylbenzene	105	9.194	9.194	0.000	96	268080	20.0	19.0	
\$ 105 4-Bromofluorobenzene	174	9.432	9.432	0.000	0	134608	50.0	51.3	
106 Bromobenzene	156	9.578	9.578	0.000	97	57508	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	9.670	9.670	0.000	99	70770	20.0	18.2	
108 N-Propylbenzene	91	9.688	9.688	0.000	98	319201	20.0	18.7	
109 1,2,3-Trichloropropane	110	9.712	9.712	0.000	97	18206	20.0	19.2	
110 trans-1,4-Dichloro-2-butene	53	9.749	9.749	0.000	90	18716	20.0	18.9	
111 2-Chlorotoluene	91	9.798	9.798	0.000	96	211331	20.0	18.7	
112 4-Ethyltoluene	105	9.828	9.828	0.000	98	253698	20.0	19.0	
113 1,3,5-Trimethylbenzene	105	9.907	9.908	-0.001	92	220688	20.0	18.8	
114 4-Chlorotoluene	91	9.932	9.932	0.000	99	198889	20.0	18.6	
115 Butyl Methacrylate	87	10.054	10.054	0.000	91	77990	20.0	18.8	
116 tert-Butylbenzene	119	10.230	10.231	-0.001	93	177353	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.298	10.298	0.000	98	224350	20.0	18.4	
118 sec-Butylbenzene	105	10.456	10.456	0.000	99	295664	20.0	18.6	
119 1,3-Dichlorobenzene	146	10.578	10.578	0.000	94	112094	20.0	17.9	
120 4-Isopropyltoluene	119	10.608	10.609	-0.001	98	242429	20.0	18.4	
* 121 1,4-Dichlorobenzene-d4	152	10.657	10.657	0.000	97	179057	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.682	10.682	0.000	95	112701	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.712	10.712	0.000	100	235586	20.0	18.6	
124 Benzyl chloride	91	10.828	10.828	0.000	98	138780	20.0	18.1	
125 2,3-Dihydroindene	117	10.889	10.889	0.000	95	218888	20.0	18.9	
126 p-Diethylbenzene	119	10.974	10.968	0.006	91	135737	20.0	19.3	
127 n-Butylbenzene	92	10.992	10.993	-0.001	98	138971	20.0	18.5	
128 1,2-Dichlorobenzene	146	11.023	11.023	0.000	95	111538	20.0	18.5	
129 1,2,4,5-Tetramethylbenzene	119	11.657	11.657	0.000	97	248978	20.0	17.8	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	96	14636	20.0	16.9	
131 1,3,5-Trichlorobenzene	180	11.852	11.852	0.000	97	104335	20.0	17.8	
132 1,2,4-Trichlorobenzene	180	12.358	12.358	0.000	94	101303	20.0	17.9	
133 Hexachlorobutadiene	225	12.456	12.456	0.000	93	45918	20.0	17.8	
134 Naphthalene	128	12.553	12.547	0.006	99	227156	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	95	92897	20.0	18.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.5	
S 140 Total BTEX	1				0		100.0	95.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonsSS_00026	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00118	Amount Added: 4.00	Units: uL	
GAS C SP_00382	Amount Added: 20.00	Units: uL	
8260 SP_00132	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

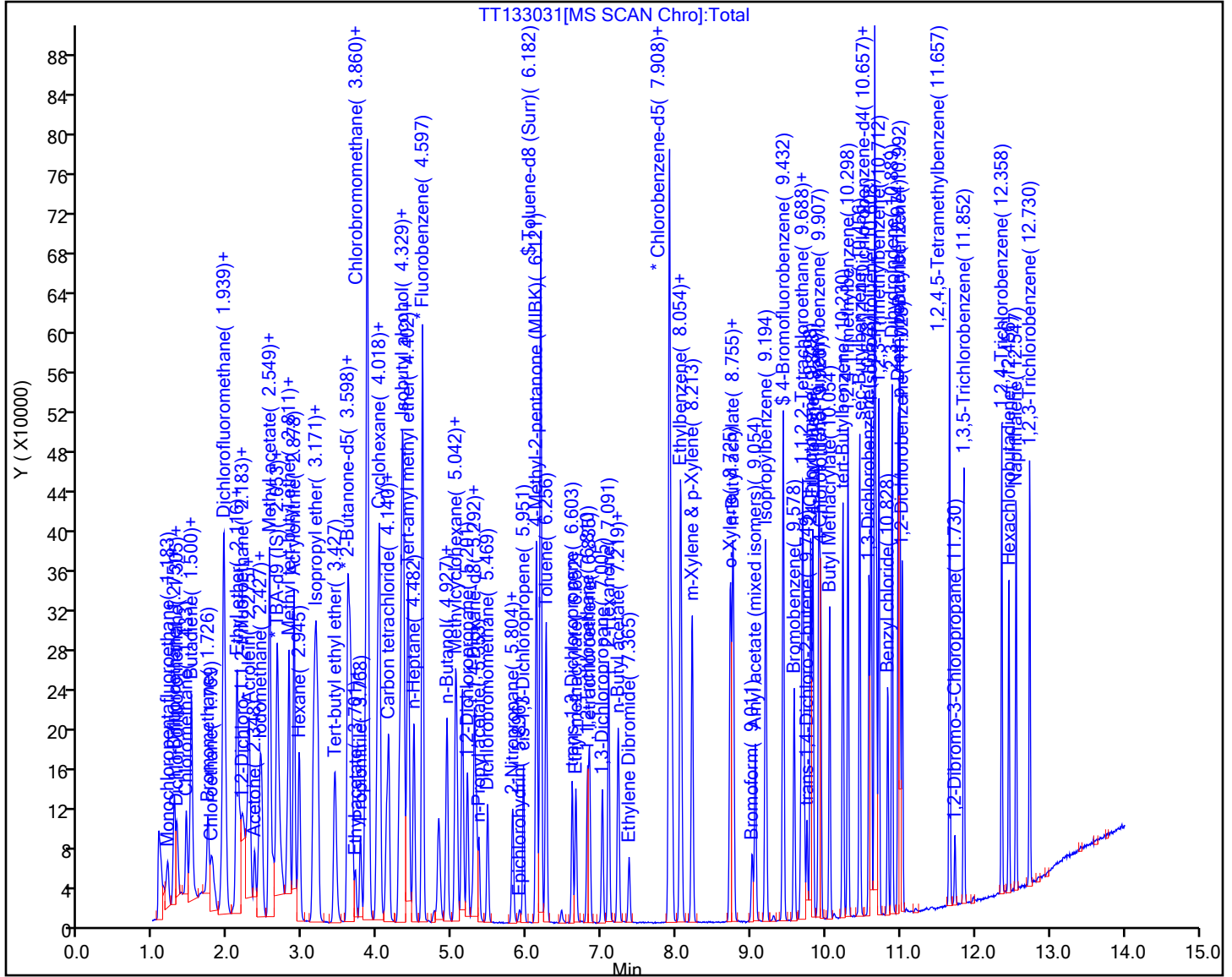
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

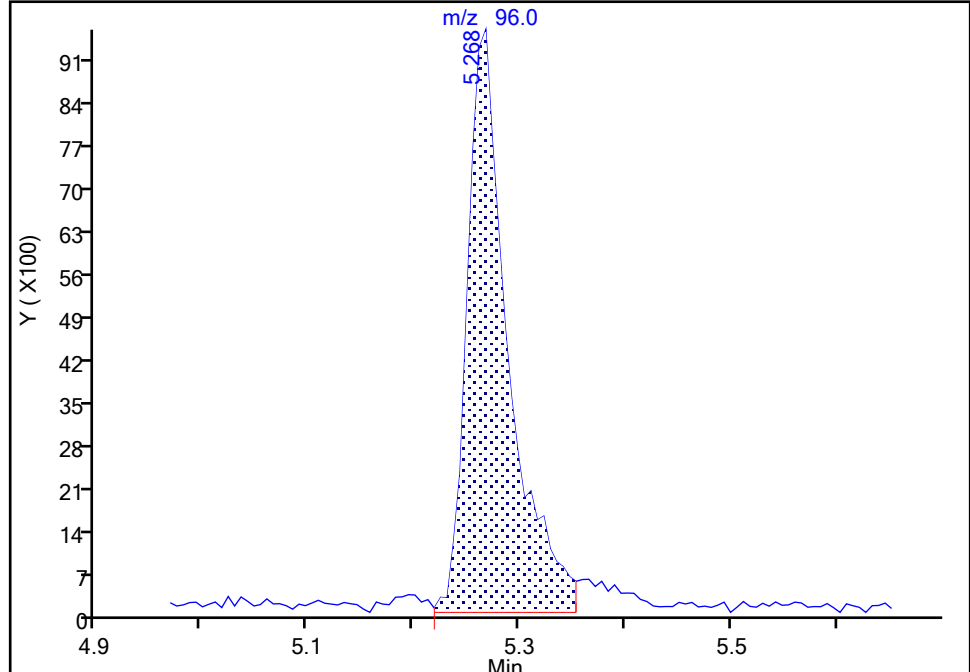
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

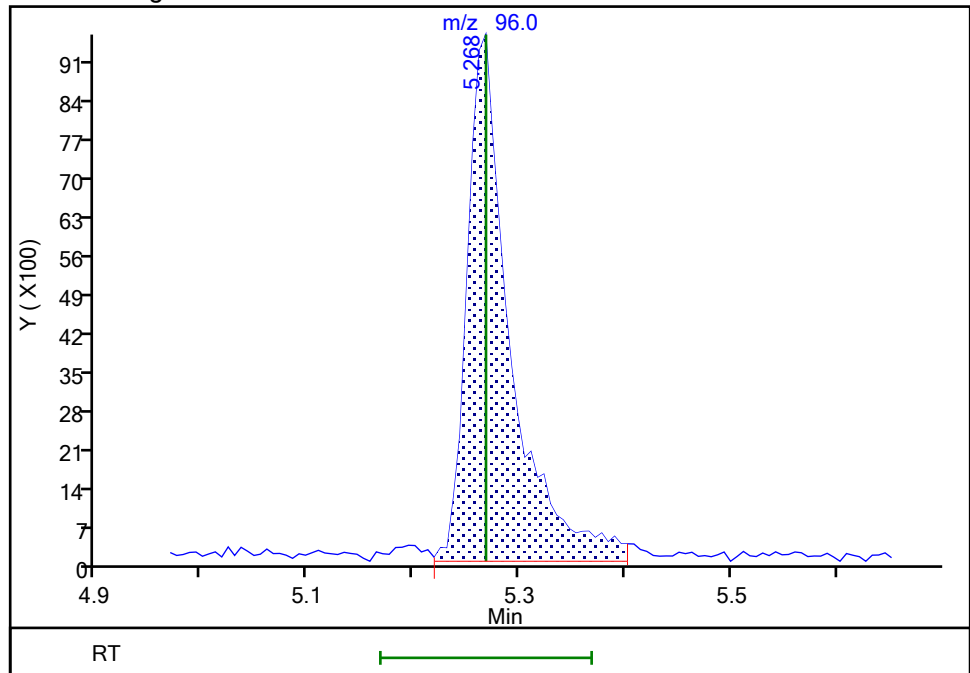
RT: 5.27
Area: 25911
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.27
Area: 27171
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:59:08

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

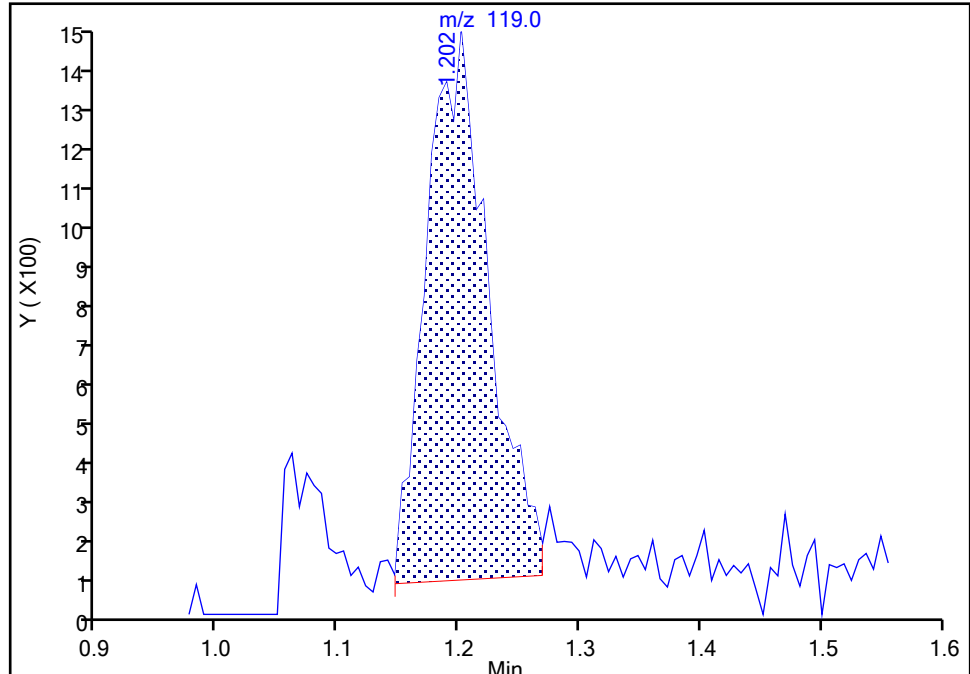
MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

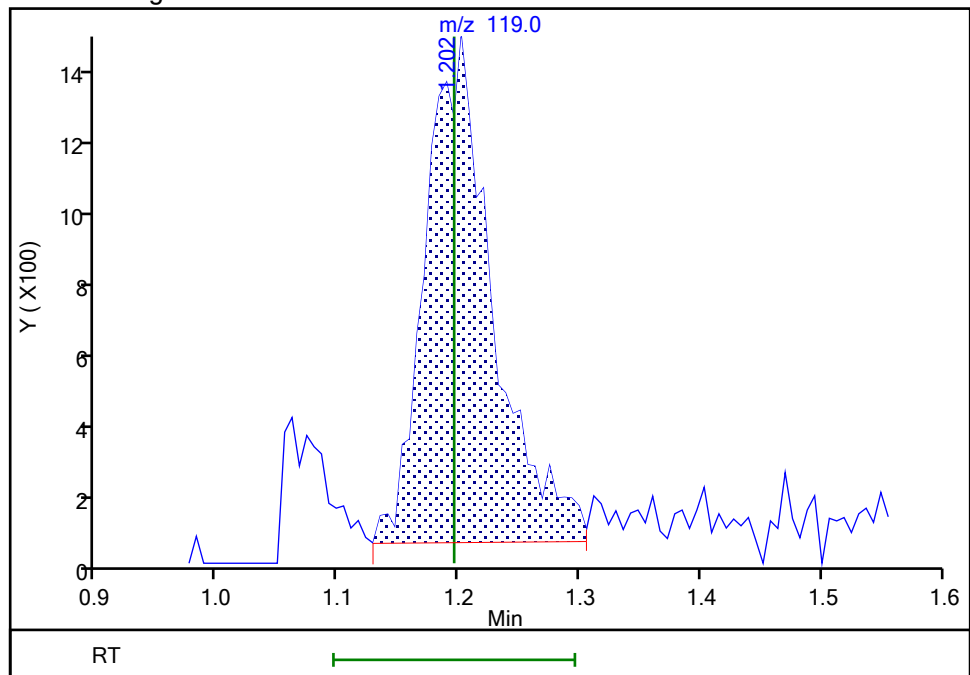
RT: 1.20
Area: 4727
Amount: 11.124859
Amount Units: ug/l

Processing Integration Results



RT: 1.20
Area: 5253
Amount: 12.360953
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 14-Nov-2020 07:47:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

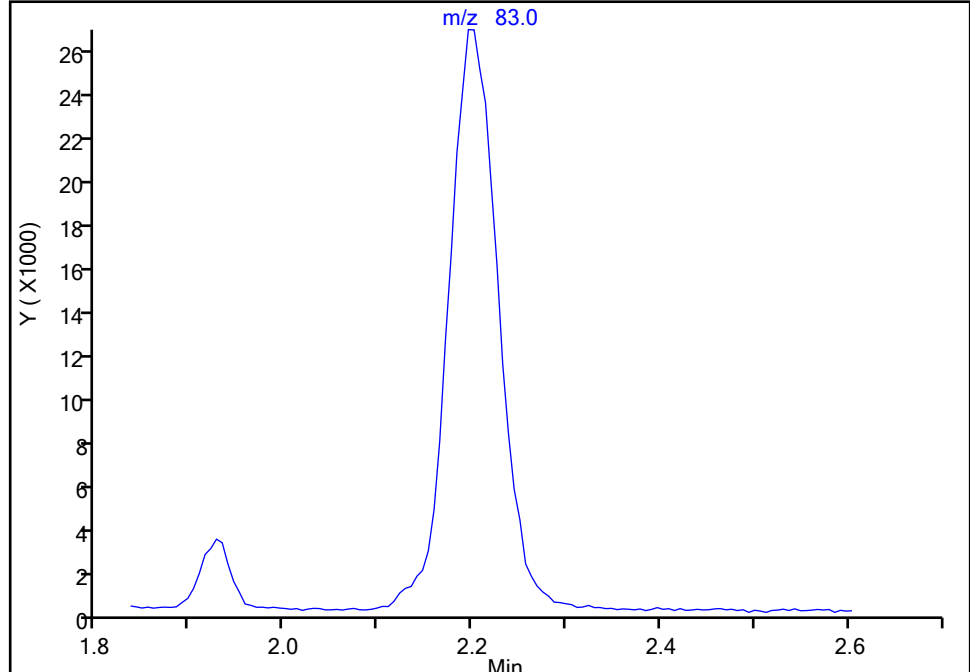
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

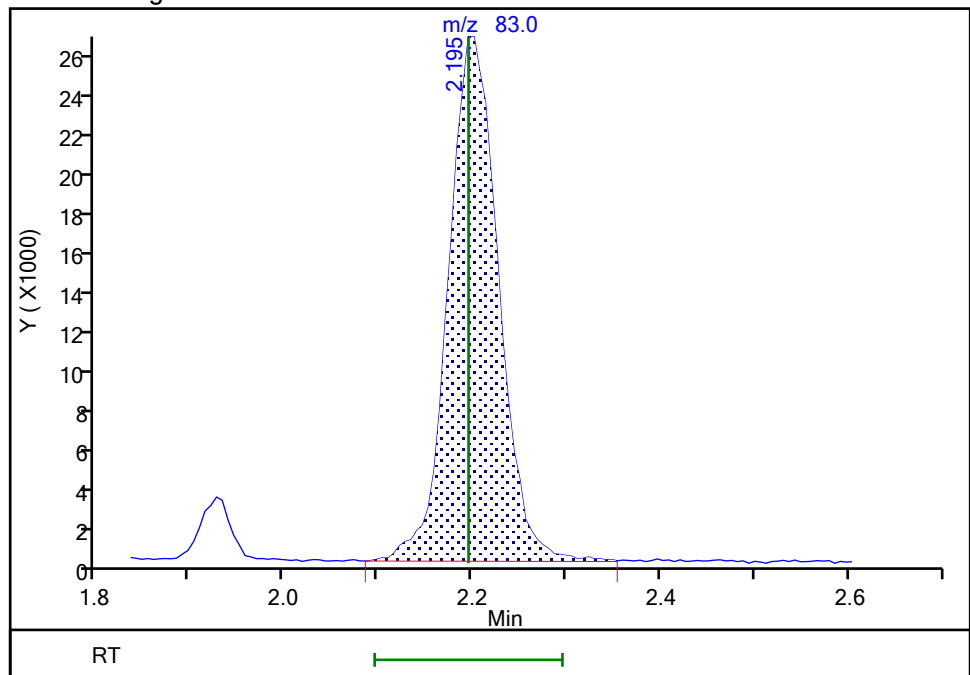
Not Detected

Expected RT: 2.20

Processing Integration Results



Manual Integration Results



RT: 2.20

Area: 98530

Amount: 19.431028

Amount Units: ug/l

Reviewer: asfawa, 13-Nov-2020 11:59:32

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

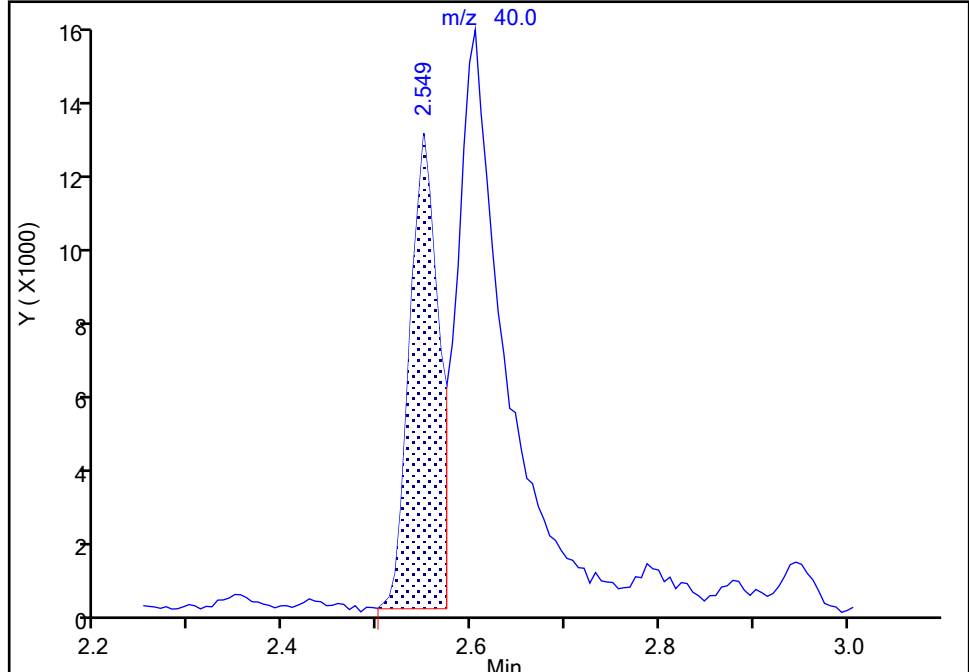
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

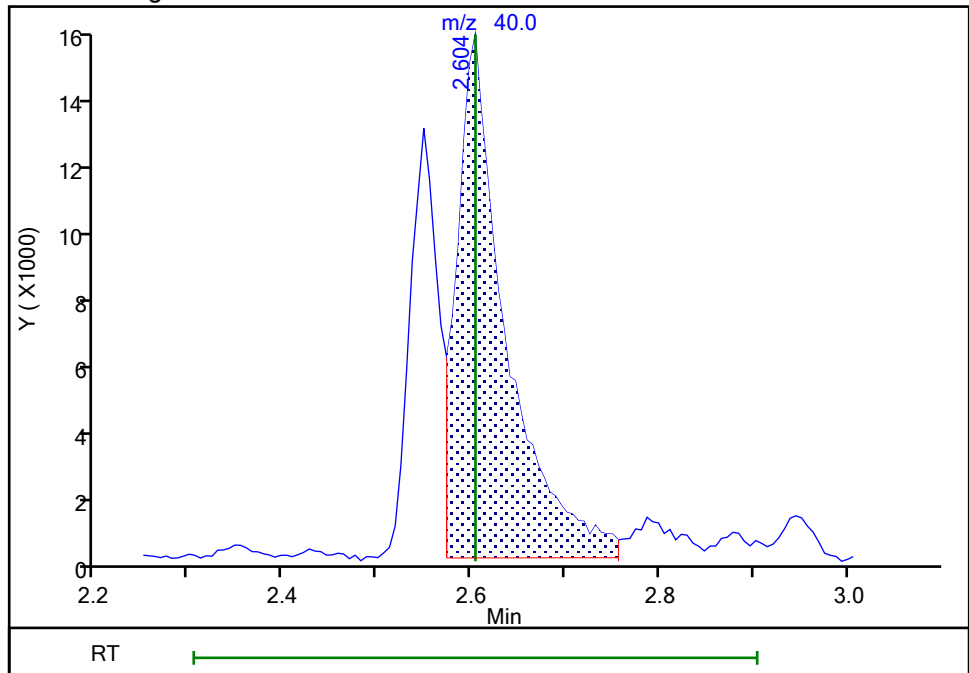
RT: 2.55
Area: 27649
Amount: 101.5798
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 57205
Amount: 177.7521
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:59:43

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133031.D

Injection Date: 13-Nov-2020 05:59:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

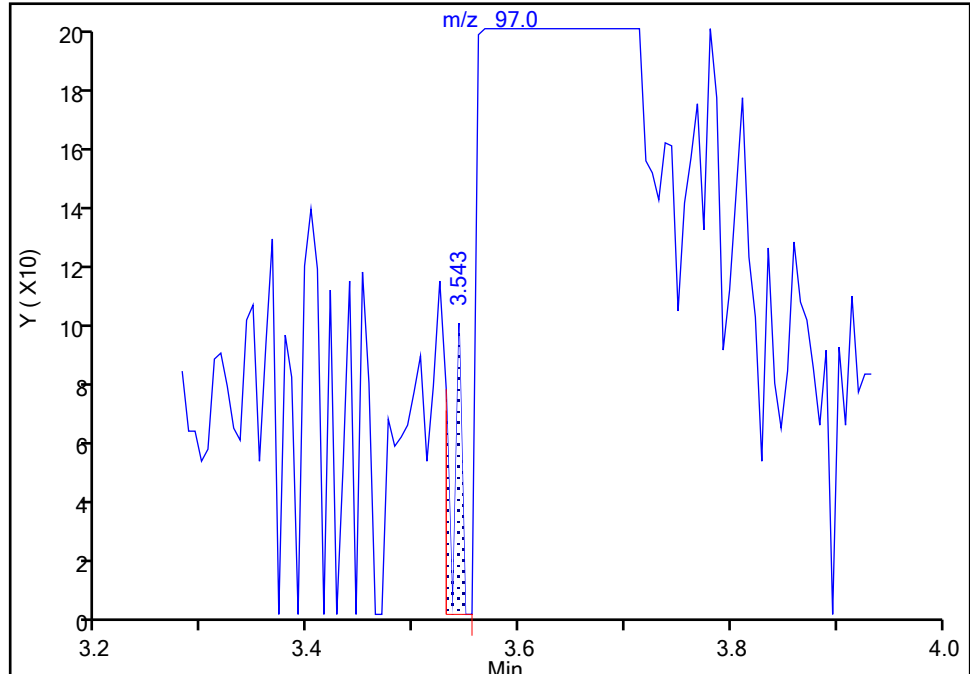
MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

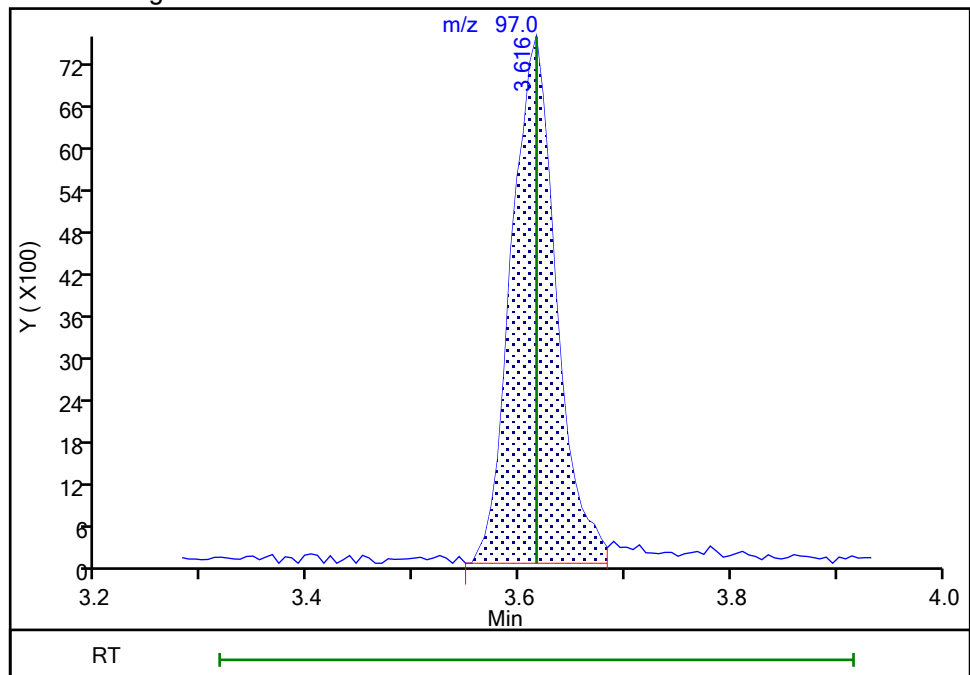
RT: 3.54
Area: 63
Amount: 0.056642
Amount Units: ug/l

Processing Integration Results



RT: 3.62
Area: 22393
Amount: 20.106678
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 13-Nov-2020 11:59:57

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-750829/2 Calibration Date: 01/04/2021 06:31
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT135614.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
Monochloropentafluoroethane	QuaF		0.0294		14.3	20.0	-28.4*	20.0
1,1-Difluoroethane	Ave	0.4680	0.3902		16.7	20.0	-16.6	20.0
Chlorotrifluoroethene	Ave	0.1495	0.1662		22.2	20.0	11.2	20.0
Dichlorodifluoromethane	Ave	0.5636	0.5685	0.1000	20.2	20.0	0.9	20.0
Chlorodifluoromethane	Ave	0.5167	0.4756		18.4	20.0	-7.9	20.0
Chloromethane	Ave	0.6114	0.5710	0.1000	18.7	20.0	-6.6	20.0
Butadiene	Ave	0.5371	0.4623		17.2	20.0	-13.9	20.0
Vinyl chloride	Ave	0.5966	0.5725	0.1000	19.2	20.0	-4.0	20.0
Bromomethane	Ave	2.739	3.921	0.1000	28.6	20.0	43.2	50.0
Chloroethane	QuaF		2.822	0.1000	26.5	20.0	32.4	50.0
Dichlorofluoromethane	Ave	0.7316	0.7415		20.3	20.0	1.3	20.0
Trichlorofluoromethane	Ave	0.5504	0.5669	0.1000	20.6	20.0	3.0	20.0
Pentane	Ave	0.0623	0.0511		32.8	40.0	-18.0	20.0
Ethanol	Ave	0.4358	0.4102		753	800	-5.9	50.0
Ethyl ether	Ave	0.1943	0.1764		18.2	20.0	-9.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3252	0.2679		16.5	20.0	-17.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2933	0.2959		20.2	20.0	0.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4905	0.4745		19.4	20.0	-3.2	20.0
Acrolein	Ave	10.31	6.570		25.5	40.0	-36.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3116	0.3126	0.1000	20.1	20.0	0.3	20.0
1,1-Dichloroethene	Ave	0.3202	0.3128	0.1000	19.5	20.0	-2.3	20.0
Acetone	Ave	0.7930	0.7877	0.0500	99.3	100	-0.7	50.0
Iodomethane	Ave	0.5642	0.6255		22.2	20.0	10.9	20.0
Isopropyl alcohol	Ave	5.693	5.068		178	200	-11.0	50.0
Carbon disulfide	Ave	1.347	1.327	0.1000	19.7	20.0	-1.5	50.0
3-Chloro-1-propene	Ave	0.2021	0.1951		19.3	20.0	-3.5	20.0
Methyl acetate	Ave	0.2524	0.2250	0.1000	35.7	40.0	-10.8	20.0
Cyclopentene	Ave	0.8284	0.7602		18.4	20.0	-8.2	20.0
Acetonitrile	Ave	0.2403	0.2328		194	200	-3.1	20.0
Methylene Chloride	Ave	0.3874	0.4026	0.1000	20.8	20.0	3.9	20.0
2-Methyl-2-propanol	Ave	8.172	8.101		198	200	-0.9	50.0
Methyl tert-butyl ether	Ave	0.8615	0.8455	0.1000	19.6	20.0	-1.9	20.0
trans-1,2-Dichloroethene	Ave	0.3253	0.3387	0.1000	20.8	20.0	4.1	20.0
Acrylonitrile	Ave	0.1352	0.1214		180	200	-10.2	20.0
Hexane	Ave	0.4556	0.3942		17.3	20.0	-13.5	20.0
Isopropyl ether	Ave	1.170	1.004		17.2	20.0	-14.2	20.0
1,1-Dichloroethane	Ave	0.5922	0.5751	0.2000	19.4	20.0	-2.9	20.0
Vinyl acetate	Ave	0.5203	0.5903		45.4	40.0	13.5	20.0
2-Chloro-1,3-butadiene	Ave	0.2751	0.2672		19.4	20.0	-2.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: CCVIS 460-750829/2 Calibration Date: 01/04/2021 06:31

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT135614.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.005	0.9100		18.1	20.0	-9.5	20.0
2,2-Dichloropropane	QuaF		0.1125		20.9	20.0	4.4	20.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3678	0.1000	20.6	20.0	3.0	20.0
2-Butanone (MEK)	Ave	0.3020	0.3032	0.0500	100	100	0.4	50.0
Ethyl acetate	Ave	0.2671	0.2691		40.3	40.0	0.7	20.0
Methyl acrylate	Ave	0.2836	0.2489		17.5	20.0	-12.3	20.0
Propionitrile	Ave	11.41	12.17		213	200	6.7	20.0
Chlorobromomethane	Ave	0.1700	0.1850		21.8	20.0	8.8	20.0
Tetrahydrofuran	Ave	0.3309	0.3781		45.7	40.0	14.3	20.0
Methacrylonitrile	Ave	0.1304	0.1229		189	200	-5.7	20.0
Chloroform	Ave	0.5378	0.5649	0.2000	21.0	20.0	5.0	20.0
Cyclohexane	Ave	0.5051	0.4627	0.1000	18.3	20.0	-8.4	50.0
1,1,1-Trichloroethane	Ave	0.4836	0.4998	0.1000	20.7	20.0	3.4	20.0
Carbon tetrachloride	Ave	0.4065	0.4160	0.1000	20.5	20.0	2.3	20.0
1,1-Dichloropropene	Ave	0.4202	0.3877		18.5	20.0	-7.7	20.0
Isobutyl alcohol	Ave	5.882	5.419		461	500	-7.9	50.0
Isooctane	Ave	1.307	1.047		16.0	20.0	-19.9	20.0
Benzene	Ave	1.747	1.754	0.5000	20.1	20.0	0.4	20.0
Tert-amyl methyl ether	Ave	1.058	1.030		19.5	20.0	-2.7	20.0
Isopropyl acetate	Ave	0.1738	0.1472		16.9	20.0	-15.3	20.0
1,2-Dichloroethane	Ave	0.3901	0.3697	0.1000	19.0	20.0	-5.2	20.0
n-Heptane	Ave	0.0787	0.0665		16.9	20.0	-15.5	20.0
n-Butanol	Ave	2.573	1.673		325	500	-35.0	50.0
Trichloroethene	Ave	0.3050	0.2957	0.2000	19.4	20.0	-3.0	20.0
Methylcyclohexane	Ave	0.5807	0.5118	0.1000	17.6	20.0	-11.9	50.0
Ethyl acrylate	Ave	0.0511	0.0430		16.8	20.0	-15.8	20.0
1,2-Dichloropropane	Ave	0.3201	0.2952	0.1000	18.4	20.0	-7.8	20.0
Methyl methacrylate	Ave	0.0742	0.0693		37.4	40.0	-6.6	20.0
1,4-Dioxane	Ave	1.369	1.256		367	400	-8.3	50.0
Dibromomethane	Ave	0.2014	0.1864		18.5	20.0	-7.4	20.0
n-Propyl acetate	Ave	0.4694	0.3487		14.9	20.0	-25.7*	20.0
Dichlorobromomethane	Ave	0.4162	0.3921	0.2000	18.8	20.0	-5.8	20.0
2-Nitropropane	Qua		0.0594		29.5	40.0	-26.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.2019	0.1611		16.0	20.0	-20.2*	20.0
Epichlorohydrin	Ave	0.2546	0.2637		414	400	3.6	20.0
cis-1,3-Dichloropropene	Ave	0.7309	0.6584	0.2000	18.0	20.0	-9.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.479	2.463	0.0500	99.3	100	-0.7	50.0
Toluene	Ave	1.701	1.697	0.4000	20.0	20.0	-0.2	20.0
trans-1,3-Dichloropropene	Ave	0.6497	0.5632	0.1000	17.3	20.0	-13.3	50.0
Ethyl methacrylate	Ave	0.5636	0.4583		16.3	20.0	-18.7	20.0
1,1,2-Trichloroethane	Ave	0.3369	0.3085	0.1000	18.3	20.0	-8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: CCVIS 460-750829/2 Calibration Date: 01/04/2021 06:31

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT135614.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
Tetrachloroethene	Ave	0.3950	0.4267	0.2000	21.6	20.0	8.0	20.0
1,3-Dichloropropane	Ave	0.6239	0.5883		18.9	20.0	-5.7	20.0
2-Hexanone	Ave	1.558	1.501	0.0500	96.3	100	-3.7	50.0
n-Butyl acetate	Ave	0.7275	0.5711		15.7	20.0	-21.5*	20.0
Chlorodibromomethane	Ave	0.4018	0.3947	0.1000	19.6	20.0	-1.8	50.0
Ethylene Dibromide	Ave	0.3787	0.3587	0.1000	18.9	20.0	-5.3	20.0
Chlorobenzene	Ave	1.047	1.078	0.5000	20.6	20.0	3.0	20.0
Ethylbenzene	Ave	0.5785	0.5899	0.1000	20.4	20.0	2.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4262	0.4393		20.6	20.0	3.1	20.0
m-Xylene & p-Xylene	Ave	0.7105	0.7348	0.1000	20.7	20.0	3.4	20.0
o-Xylene	Ave	0.7446	0.7600	0.3000	20.4	20.0	2.1	20.0
n-Butyl acrylate	Ave	0.3566	0.2821		15.8	20.0	-20.9*	20.0
Styrene	Ave	1.166	1.148	0.3000	19.7	20.0	-1.5	20.0
Bromoform	Ave	0.2727	0.2778	0.1000	20.4	20.0	1.9	20.0
Amyl acetate (mixed isomers)	Ave	1.716	1.209		14.1	20.0	-29.5*	20.0
Isopropylbenzene	Ave	2.055	2.018	0.1000	19.6	20.0	-1.8	20.0
Bromobenzene	Ave	0.8946	0.8926		20.0	20.0	-0.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.087	0.9654	0.3000	17.8	20.0	-11.2	20.0
N-Propylbenzene	Ave	4.757	4.267		17.9	20.0	-10.3	20.0
1,2,3-Trichloropropane	QuaF		0.2712		20.5	20.0	2.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2771	0.1969		14.2	20.0	-29.0*	20.0
2-Chlorotoluene	Ave	3.152	2.918		18.5	20.0	-7.4	20.0
4-Ethyltoluene	Ave	3.732	3.460		18.5	20.0	-7.3	20.0
1,3,5-Trimethylbenzene	Ave	3.279	2.971		18.1	20.0	-9.4	20.0
4-Chlorotoluene	Ave	2.987	2.788		18.7	20.0	-6.7	20.0
Butyl Methacrylate	Ave	1.159	0.7181		12.4	20.0	-38.0*	20.0
tert-Butylbenzene	Ave	2.685	2.415		18.0	20.0	-10.0	20.0
1,2,4-Trimethylbenzene	Ave	3.402	3.099		18.2	20.0	-8.9	20.0
sec-Butylbenzene	Ave	4.445	3.911		17.6	20.0	-12.0	20.0
1,3-Dichlorobenzene	Ave	1.752	1.741	0.6000	19.9	20.0	-0.6	20.0
4-Isopropyltoluene	Ave	3.683	3.330		18.1	20.0	-9.6	20.0
1,4-Dichlorobenzene	Ave	1.702	1.693	0.5000	19.9	20.0	-0.5	20.0
1,2,3-Trimethylbenzene	Ave	3.539	3.224		18.2	20.0	-8.9	20.0
Benzyl chloride	Ave	2.142	1.695		15.8	20.0	-20.9	50.0
Indan	Ave	3.240	3.118		19.2	20.0	-3.8	20.0
p-Diethylbenzene	Ave	1.965	1.778		18.1	20.0	-9.5	20.0
n-Butylbenzene	Ave	2.101	1.835		17.5	20.0	-12.7	20.0
1,2-Dichlorobenzene	Ave	1.684	1.748	0.4000	20.8	20.0	3.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.904	3.230		16.5	20.0	-17.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2420	0.2020	0.0500	16.7	20.0	-16.5	50.0
1,3,5-Trichlorobenzene	Ave	1.641	1.552		18.9	20.0	-5.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-750829/2 Calibration Date: 01/04/2021 06:31
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT135614.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
1,2,4-Trichlorobenzene	Ave	1.583	1.466	0.2000	18.5	20.0	-7.4	20.0
Hexachlorobutadiene	Ave	0.7195	0.6310		17.5	20.0	-12.3	20.0
Naphthalene	Ave	3.617	3.006		16.6	20.0	-16.9	50.0
1,2,3-Trichlorobenzene	Ave	1.419	1.291		18.2	20.0	-9.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2515	0.2471		49.1	50.0	-1.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2872	0.2631		45.8	50.0	-8.4	20.0
Toluene-d8 (Surr)	Ave	1.286	1.202		46.7	50.0	-6.5	20.0
4-Bromofluorobenzene	Ave	0.3825	0.3855		50.4	50.0	0.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135614.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 04-Jan-2021 06:31:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0122442-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 12:27:50 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 07:00:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.208	0.000	88	7469	20.0	14.3	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	98	99055	20.0	16.7	
3 Chlorotrifluoroethene	116	1.275	1.275	0.000	57	42199	20.0	22.2	
4 Dichlorodifluoromethane	85	1.299	1.299	0.000	87	144327	20.0	20.2	
5 Chlorodifluoromethane	51	1.311	1.311	0.000	99	120754	20.0	18.4	
6 Chloromethane	50	1.433	1.433	0.000	100	144953	20.0	18.7	
8 Butadiene	54	1.500	1.500	0.000	92	117361	20.0	17.2	
7 Vinyl chloride	62	1.507	1.507	0.000	98	145348	20.0	19.2	
9 Bromomethane	94	1.726	1.726	0.000	99	106934	20.0	28.6	
10 Chloroethane	64	1.775	1.775	0.000	99	76972	20.0	26.5	
11 Dichlorofluoromethane	67	1.921	1.921	0.000	99	188240	20.0	20.3	
12 Trichlorofluoromethane	101	1.933	1.933	0.000	68	143909	20.0	20.6	
13 Pentane	72	1.939	1.939	0.000	97	25946	40.0	32.8	
14 Ethanol	46	2.086	2.086	0.000	88	15192	800.0	753.0	
15 Ethyl ether	74	2.098	2.098	0.000	94	44785	20.0	18.2	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	97	68002	20.0	16.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.147	0.000	88	75126	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.202	0.000	95	120468	20.0	19.4	a
19 Acrolein	56	2.244	2.244	0.000	67	12167	40.0	25.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	91	79372	20.0	20.1	
21 1,1-Dichloroethene	96	2.275	2.275	0.000	99	79401	20.0	19.5	
22 Acetone	43	2.348	2.348	0.000	88	107406	100.0	99.3	
23 Iodomethane	142	2.403	2.403	0.000	98	158785	20.0	22.2	
25 Isopropyl alcohol	45	2.421	2.421	0.000	37	46926	200.0	178.0	
24 Carbon disulfide	76	2.433	2.433	0.000	99	336944	20.0	19.7	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	93	49543	20.0	19.3	
27 Methyl acetate	43	2.549	2.549	0.000	97	114252	40.0	35.7	
28 Cyclopentene	67	2.555	2.555	0.000	91	192997	20.0	18.4	
29 Acetonitrile	40	2.604	2.604	0.000	100	63493	200.0	193.8	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	46297	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	91	102207	20.0	20.8	
32 2-Methyl-2-propanol	59	2.708	2.708	0.000	95	75014	200.0	198.3	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	97	214659	20.0	19.6	
34 trans-1,2-Dichloroethene	96	2.805	2.805	0.000	95	85979	20.0	20.8	
35 Acrylonitrile	53	2.872	2.872	0.000	95	308177	200.0	179.5	
36 Hexane	57	2.939	2.939	0.000	93	100069	20.0	17.3	
37 Isopropyl ether	45	3.134	3.134	0.000	97	254875	20.0	17.2	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	100	146011	20.0	19.4	
39 Vinyl acetate	86	3.177	3.177	0.000	100	32194	40.0	45.4	
40 2-Chloro-1,3-butadiene	88	3.195	3.195	0.000	91	67833	20.0	19.4	
41 Tert-butyl ethyl ether	59	3.421	3.421	0.000	89	231012	20.0	18.1	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	340886	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	68	28564	20.0	20.9	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	98	93377	20.0	20.6	
45 2-Butanone (MEK)	72	3.646	3.646	0.000	96	41343	100.0	100.4	
46 Ethyl acetate	70	3.652	3.652	0.000	95	14677	40.0	40.3	
47 Methyl acrylate	55	3.695	3.695	0.000	99	63179	20.0	17.5	
48 Propionitrile	54	3.762	3.762	0.000	98	112669	200.0	213.3	
49 Chlorobromomethane	128	3.823	3.823	0.000	91	46968	20.0	21.8	
50 Tetrahydrofuran	72	3.829	3.829	0.000	55	20621	40.0	45.7	
51 Methacrylonitrile	67	3.854	3.854	0.000	92	312122	200.0	188.6	
52 Chloroform	83	3.878	3.878	0.000	99	143413	20.0	21.0	
53 Cyclohexane	84	3.988	3.988	0.000	90	117472	20.0	18.3	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	97	126889	20.0	20.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	156813	50.0	49.1	
56 Carbon tetrachloride	117	4.110	4.110	0.000	96	105614	20.0	20.5	
57 1,1-Dichloropropene	75	4.140	4.140	0.000	97	98431	20.0	18.5	
58 Isobutyl alcohol	43	4.280	4.280	0.000	90	125441	500.0	460.6	a
59 Isooctane	57	4.305	4.305	0.000	99	265914	20.0	16.0	
60 Benzene	78	4.323	4.323	0.000	96	308985	20.0	20.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	96	166992	50.0	45.8	
62 Tert-amyl methyl ether	73	4.396	4.396	0.000	79	261434	20.0	19.5	
63 Isopropyl acetate	61	4.402	4.402	0.000	94	37365	20.0	16.9	
64 1,2-Dichloroethane	62	4.408	4.408	0.000	95	93849	20.0	19.0	
65 n-Heptane	100	4.475	4.475	0.000	92	16882	20.0	16.9	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	634683	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	86	38720	500.0	325.1	
68 Trichloroethene	95	4.921	4.921	0.000	98	75060	20.0	19.4	
69 Methylcyclohexane	83	5.036	5.036	0.000	96	129940	20.0	17.6	
70 Ethyl acrylate	99	5.049	5.049	0.000	97	10921	20.0	16.8	
71 1,2-Dichloropropane	63	5.195	5.195	0.000	92	74932	20.0	18.4	
* 72 1,4-Dioxane-d8	96	5.250	5.250	0.000	87	30402	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	88	35177	40.0	37.4	
74 Dibromomethane	93	5.311	5.311	0.000	96	47322	20.0	18.5	
75 1,4-Dioxane	88	5.311	5.311	0.000	41	15269	400.0	366.9	
76 n-Propyl acetate	43	5.347	5.347	0.000	99	88533	20.0	14.9	
77 Dichlorobromomethane	83	5.463	5.463	0.000	99	99546	20.0	18.8	
78 2-Nitropropane	41	5.792	5.792	0.000	98	30170	40.0	29.5	
79 2-Chloroethyl vinyl ether	63	5.798	5.798	0.000	97	40986	20.0	16.0	
80 Epichlorohydrin	57	5.896	5.896	0.000	99	143807	400.0	414.2	
81 cis-1,3-Dichloropropene	75	5.939	5.939	0.000	91	115979	20.0	18.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.115	6.115	0.000	96	335834	100.0	99.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	99	529341	50.0	46.7	
84 Toluene	91	6.250	6.250	0.000	93	298922	20.0	20.0	
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	97	99210	20.0	17.3	
86 Ethyl methacrylate	69	6.646	6.646	0.000	89	80738	20.0	16.3	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	97	54336	20.0	18.3	
88 Tetrachloroethene	166	6.829	6.829	0.000	98	75161	20.0	21.6	
89 1,3-Dichloropropane	76	6.999	6.999	0.000	94	103638	20.0	18.9	
90 2-Hexanone	43	7.085	7.085	0.000	96	204616	100.0	96.3	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	100596	20.0	15.7	
92 Chlorodibromomethane	129	7.219	7.219	0.000	97	69530	20.0	19.6	
93 Ethylene Dibromide	107	7.359	7.359	0.000	99	63188	20.0	18.9	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	440387	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	94	189904	20.0	20.6	
96 Ethylbenzene	106	8.042	8.042	0.000	98	103908	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.060	0.000	95	77380	20.0	20.6	
98 m-Xylene & p-Xylene	106	8.206	8.206	0.000	96	129431	20.0	20.7	
99 o-Xylene	106	8.712	8.712	0.000	95	133884	20.0	20.4	
100 n-Butyl acrylate	73	8.743	8.743	0.000	97	49685	20.0	15.8	
101 Styrene	104	8.755	8.755	0.000	95	202309	20.0	19.7	
102 Bromoform	173	9.005	9.005	0.000	97	48937	20.0	20.4	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	91	117487	20.0	14.1	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	355396	20.0	19.6	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	169780	50.0	50.4	
106 Bromobenzene	156	9.572	9.572	0.000	97	86746	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	9.657	9.657	0.000	98	93814	20.0	17.8	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	414680	20.0	17.9	
109 1,2,3-Trichloropropane	110	9.706	9.706	0.000	97	26355	20.0	20.5	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	92	19132	20.0	14.2	
111 2-Chlorotoluene	91	9.792	9.792	0.000	96	283547	20.0	18.5	
112 4-Ethyltoluene	105	9.822	9.822	0.000	99	336209	20.0	18.5	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	93	288695	20.0	18.1	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	270900	20.0	18.7	
115 Butyl Methacrylate	87	10.048	10.048	0.000	91	69784	20.0	12.4	
116 tert-Butylbenzene	119	10.224	10.224	0.000	94	234733	20.0	18.0	
117 1,2,4-Trimethylbenzene	105	10.291	10.291	0.000	98	301169	20.0	18.2	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	380092	20.0	17.6	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	97	169171	20.0	19.9	
120 4-Isopropyltoluene	119	10.602	10.602	0.000	98	323648	20.0	18.1	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	242952	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.675	10.675	0.000	96	164482	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	313349	20.0	18.2	
124 Benzyl chloride	91	10.822	10.822	0.000	99	164692	20.0	15.8	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	94	303020	20.0	19.2	
126 p-Diethylbenzene	119	10.962	10.962	0.000	92	172804	20.0	18.1	
127 n-Butylbenzene	92	10.986	10.986	0.000	98	178290	20.0	17.5	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	169830	20.0	20.8	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	313906	20.0	16.5	
130 1,2-Dibromo-3-Chloropropane	157	11.730	11.730	0.000	96	19634	20.0	16.7	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	98	150832	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	142478	20.0	18.5	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	95	61320	20.0	17.5	
134 Naphthalene	128	12.541	12.541	0.000	100	292093	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.724	12.724	0.000	96	125426	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 137 Xylenes, Total	100				0		40.0	41.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.4	
S 140 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131

Amount Added: 20.00

Units: uL

524freon_00031

Amount Added: 20.00

Units: uL

ACROLEIN W_00118

Amount Added: 4.00

Units: uL

GASES Li_00401

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135614.D

Injection Date: 04-Jan-2021 06:31:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

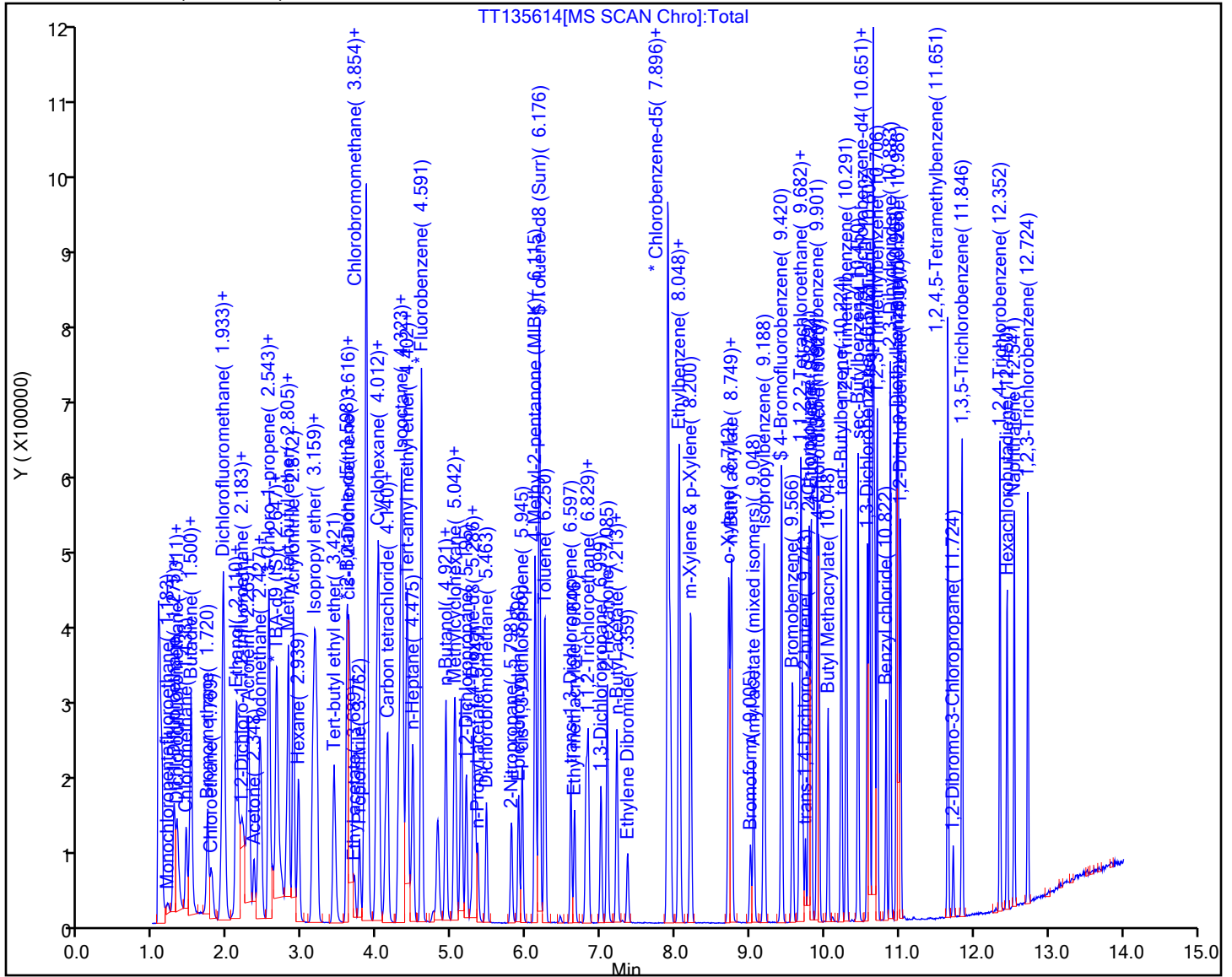
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135614.D

Injection Date: 04-Jan-2021 06:31:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

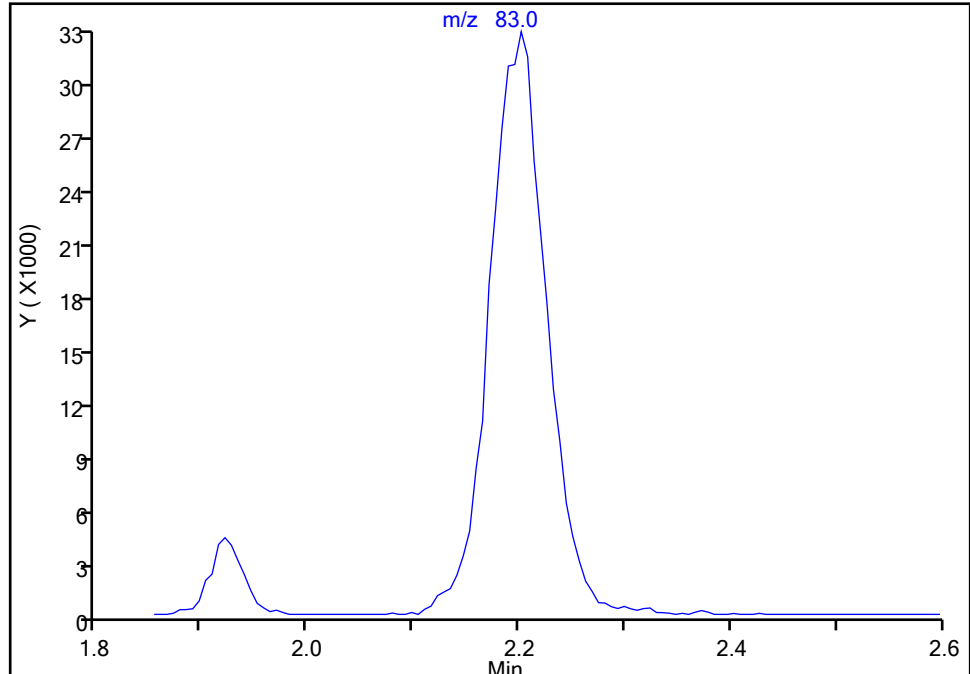
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

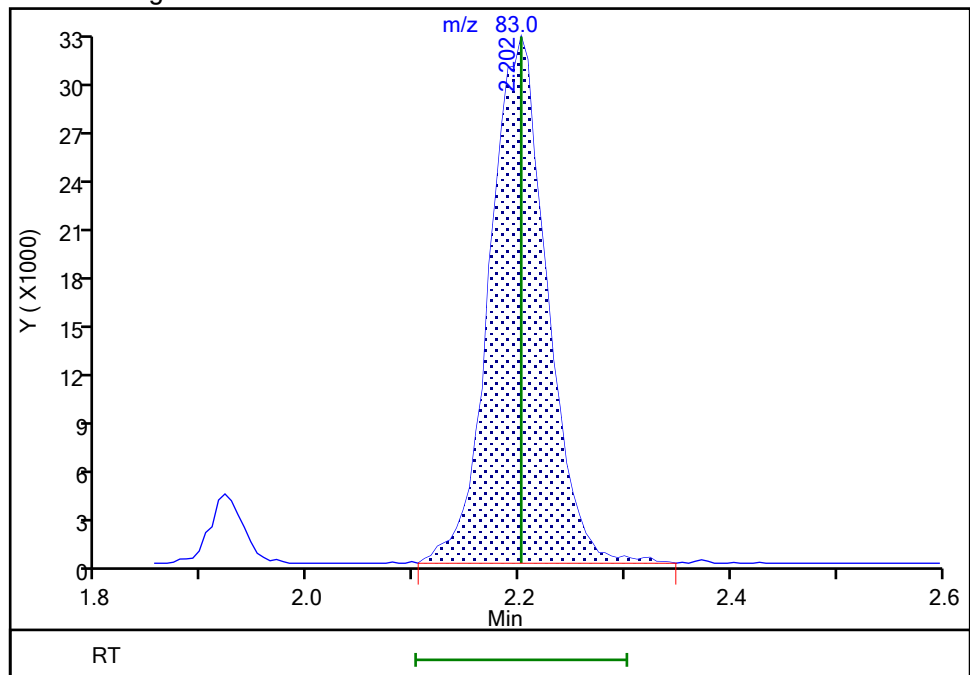
Not Detected

Expected RT: 2.20

Processing Integration Results



Manual Integration Results



Reviewer: desais, 04-Jan-2021 06:53:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135614.D

Injection Date: 04-Jan-2021 06:31:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

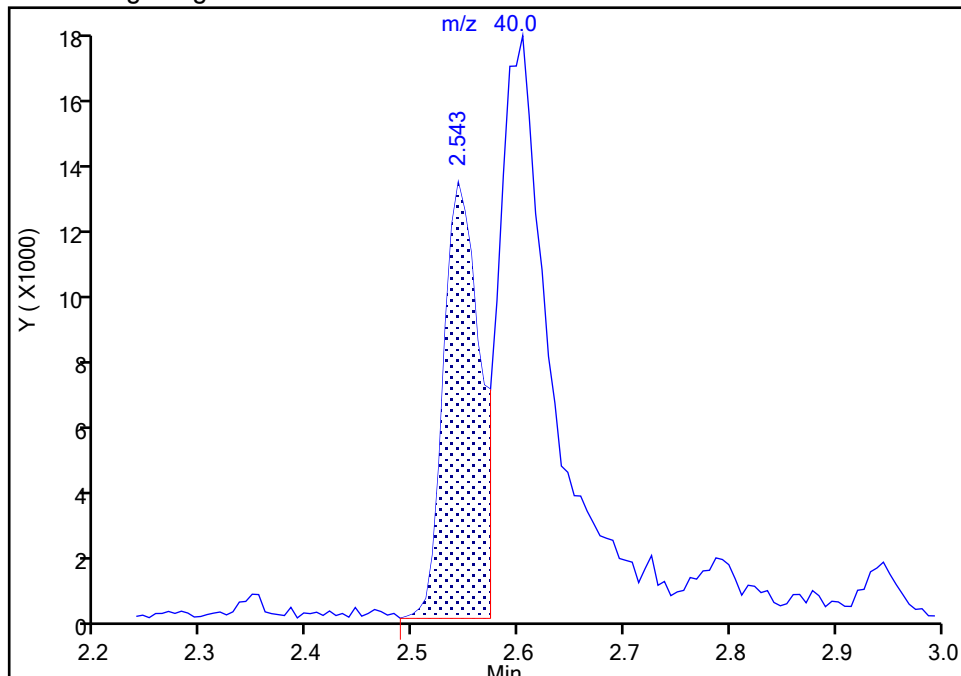
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

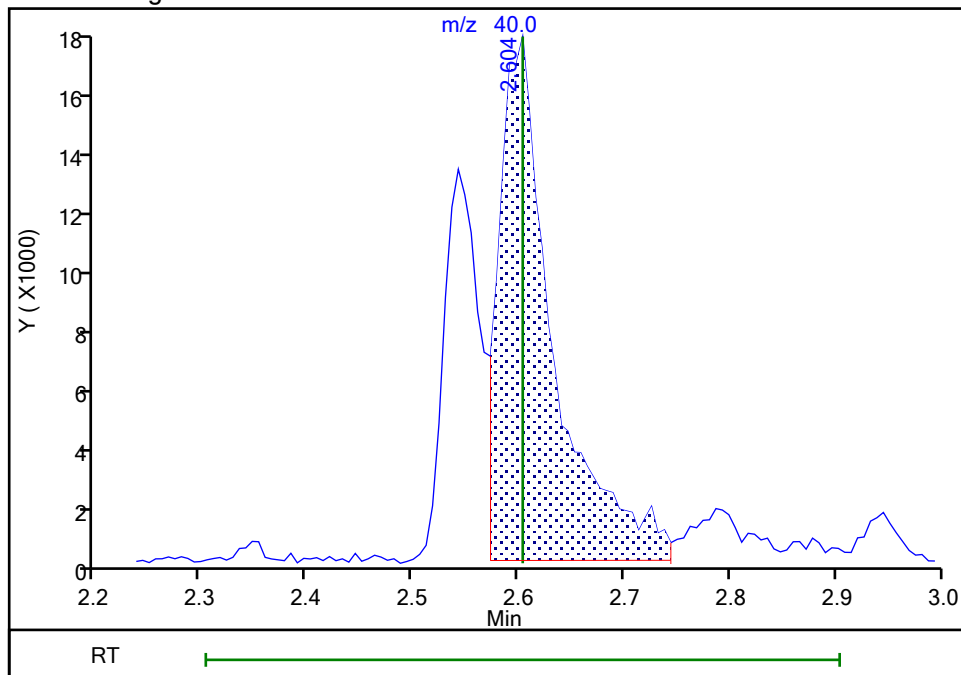
RT: 2.54
Area: 32098
Amount: 97.962147
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 63493
Amount: 193.7788
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Jan-2021 06:53:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135614.D

Injection Date: 04-Jan-2021 06:31:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

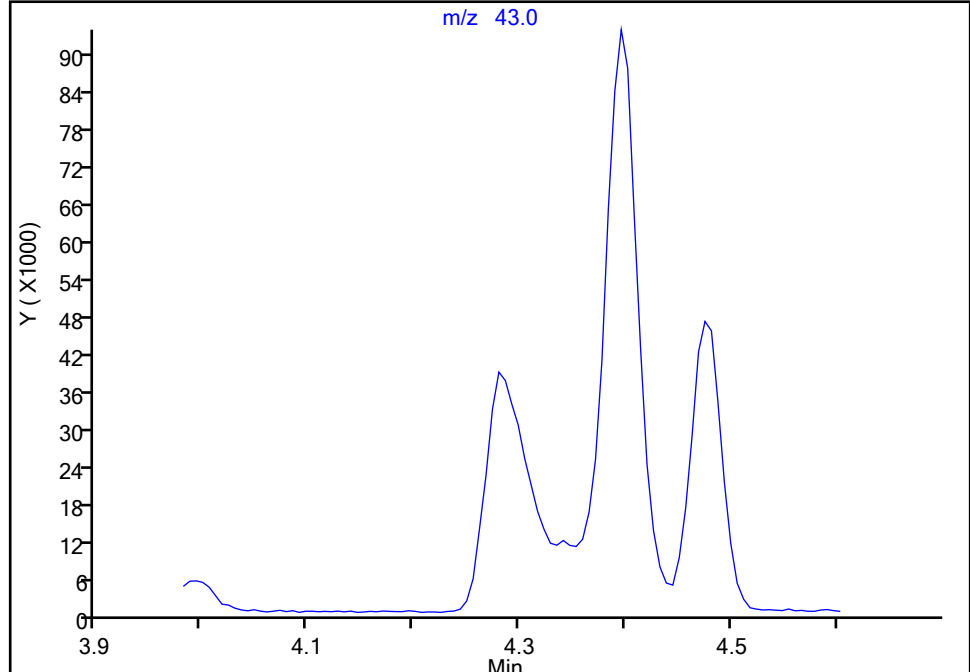
58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

Not Detected

Expected RT: 4.28

Processing Integration Results



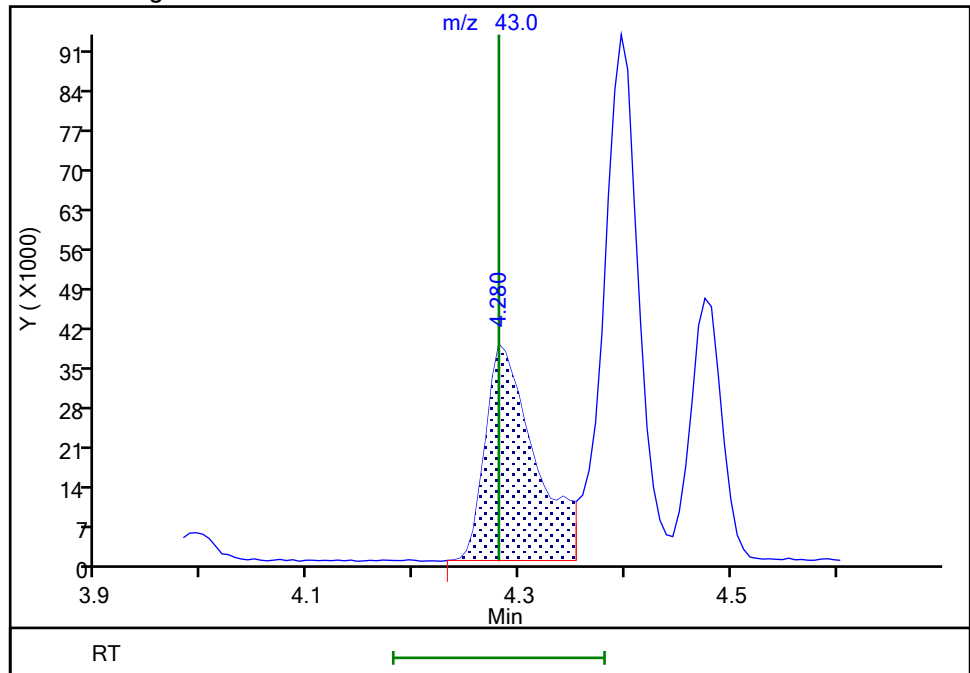
RT: 4.28

Area: 125441

Amount: 460.6047

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Jan-2021 06:59:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: CCVIS 460-750920/3 Calibration Date: 01/04/2021 17:27

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT135643.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
Monochloropentafluoroethane	QuaF		0.0155		7.56	20.0	-62.2*	20.0
1,1-Difluoroethane	Ave	0.4680	0.3640		15.6	20.0	-22.2*	20.0
Chlorotrifluoroethene	Ave	0.1495	0.1255		16.8	20.0	-16.1	20.0
Dichlorodifluoromethane	Ave	0.5636	0.4703	0.1000	16.7	20.0	-16.6	20.0
Chlorodifluoromethane	Ave	0.5167	0.4770		18.5	20.0	-7.7	20.0
Chloromethane	Ave	0.6114	0.5335	0.1000	17.4	20.0	-12.8	20.0
Butadiene	Ave	0.5371	0.4227		15.7	20.0	-21.3*	20.0
Vinyl chloride	Ave	0.5966	0.5433	0.1000	18.2	20.0	-8.9	20.0
Bromomethane	Ave	2.739	3.660	0.1000	26.7	20.0	33.7	50.0
Chloroethane	QuaF		2.673	0.1000	25.1	20.0	25.3	50.0
Dichlorofluoromethane	Ave	0.7316	0.6888		18.8	20.0	-5.9	20.0
Trichlorofluoromethane	Ave	0.5504	0.5093	0.1000	18.5	20.0	-7.5	20.0
Pentane	Ave	0.0623	0.0450		28.9	40.0	-27.8*	20.0
Ethanol	Ave	0.4358	0.1827		335	800	-58.1*	50.0
Ethyl ether	Ave	0.1943	0.1533		15.8	20.0	-21.1*	20.0
2-Methyl-1,3-butadiene	Ave	0.3252	0.2498		15.4	20.0	-23.2*	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2933	0.2727		18.6	20.0	-7.0	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4905	0.4407		18.0	20.0	-10.1	20.0
Acrolein	Ave	10.31	7.429		28.8	40.0	-27.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3116	0.2697	0.1000	17.3	20.0	-13.4	20.0
1,1-Dichloroethene	Ave	0.3202	0.2850	0.1000	17.8	20.0	-11.0	20.0
Acetone	Ave	0.7930	0.6838	0.0500	86.2	100	-13.8	50.0
Iodomethane	Ave	0.5642	0.5600		19.9	20.0	-0.7	20.0
Isopropyl alcohol	Ave	5.693	4.185		147	200	-26.5	50.0
Carbon disulfide	Ave	1.347	1.244	0.1000	18.5	20.0	-7.7	50.0
3-Chloro-1-propene	Ave	0.2021	0.1847		18.3	20.0	-8.6	20.0
Methyl acetate	Ave	0.2524	0.1863	0.1000	29.5	40.0	-26.2*	20.0
Cyclopentene	Ave	0.8284	0.6869		16.6	20.0	-17.1	20.0
Acetonitrile	Ave	0.2403	0.2035		169	200	-15.3	20.0
Methylene Chloride	Ave	0.3874	0.3628	0.1000	18.7	20.0	-6.4	20.0
2-Methyl-2-propanol	Ave	8.172	6.631		162	200	-18.9	50.0
Methyl tert-butyl ether	Ave	0.8615	0.7430	0.1000	17.2	20.0	-13.8	20.0
trans-1,2-Dichloroethene	Ave	0.3253	0.3159	0.1000	19.4	20.0	-2.9	20.0
Acrylonitrile	Ave	0.1352	0.1039		154	200	-23.2*	20.0
Hexane	Ave	0.4556	0.3602		15.8	20.0	-20.9*	20.0
Isopropyl ether	Ave	1.170	0.9430		16.1	20.0	-19.4	20.0
1,1-Dichloroethane	Ave	0.5922	0.5342	0.2000	18.0	20.0	-9.8	20.0
Vinyl acetate	Ave	0.5203	0.5077		39.0	40.0	-2.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2751	0.2481		18.0	20.0	-9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Lab Sample ID: CCVIS 460-750920/3 Calibration Date: 01/04/2021 17:27

Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44

Lab File ID: TT135643.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.005	0.8263		16.4	20.0	-17.8	20.0
2,2-Dichloropropane	QuaF		0.0744		13.8	20.0	-30.9*	20.0
cis-1,2-Dichloroethene	Ave	0.3570	0.3270	0.1000	18.3	20.0	-8.4	20.0
2-Butanone (MEK)	Ave	0.3020	0.2645	0.0500	87.6	100	-12.4	50.0
Ethyl acetate	Ave	0.2671	0.2484		37.2	40.0	-7.0	20.0
Methyl acrylate	Ave	0.2836	0.2094		14.8	20.0	-26.2*	20.0
Propionitrile	Ave	11.41	10.33		181	200	-9.4	20.0
Chlorobromomethane	Ave	0.1700	0.1618		19.0	20.0	-4.9	20.0
Tetrahydrofuran	Ave	0.3309	0.3201		38.7	40.0	-3.3	20.0
Methacrylonitrile	Ave	0.1304	0.1058		162	200	-18.9	20.0
Chloroform	Ave	0.5378	0.5245	0.2000	19.5	20.0	-2.5	20.0
Cyclohexane	Ave	0.5051	0.4256	0.1000	16.8	20.0	-15.8	50.0
1,1,1-Trichloroethane	Ave	0.4836	0.4866	0.1000	20.1	20.0	0.6	20.0
Carbon tetrachloride	Ave	0.4065	0.3837	0.1000	18.9	20.0	-5.6	20.0
1,1-Dichloropropene	Ave	0.4202	0.3717		17.7	20.0	-11.5	20.0
Isobutyl alcohol	Ave	5.882	4.507		383	500	-23.4	50.0
Isooctane	Ave	1.307	0.9179		14.0	20.0	-29.8*	20.0
Benzene	Ave	1.747	1.588	0.5000	18.2	20.0	-9.1	20.0
Tert-amyl methyl ether	Ave	1.058	0.8967		16.9	20.0	-15.3	20.0
Isopropyl acetate	Ave	0.1738	0.1296		14.9	20.0	-25.4*	20.0
1,2-Dichloroethane	Ave	0.3901	0.3583	0.1000	18.4	20.0	-8.1	20.0
n-Heptane	Ave	0.0787	0.0578		14.7	20.0	-26.6*	20.0
n-Butanol	Ave	2.573	1.565		304	500	-39.2	50.0
Trichloroethene	Ave	0.3050	0.2688	0.2000	17.6	20.0	-11.9	20.0
Methylcyclohexane	Ave	0.5807	0.4523	0.1000	15.6	20.0	-22.1	50.0
Ethyl acrylate	Ave	0.0511	0.0340		13.3	20.0	-33.4*	20.0
1,2-Dichloropropane	Ave	0.3201	0.2710	0.1000	16.9	20.0	-15.4	20.0
Methyl methacrylate	Ave	0.0742	0.0552		29.8	40.0	-25.5*	20.0
1,4-Dioxane	Ave	1.369	1.116		326	400	-18.5	50.0
Dibromomethane	Ave	0.2014	0.1690		16.8	20.0	-16.1	20.0
n-Propyl acetate	Ave	0.4694	0.3121		13.3	20.0	-33.5*	20.0
Dichlorobromomethane	Ave	0.4162	0.3586	0.2000	17.2	20.0	-13.9	20.0
2-Nitropropane	Qua		0.0544		26.9	40.0	-32.6*	20.0
2-Chloroethyl vinyl ether	Ave	0.2019	0.1361		13.5	20.0	-32.6*	20.0
Epichlorohydrin	Ave	0.2546	0.2153		338	400	-15.4	20.0
cis-1,3-Dichloropropene	Ave	0.7309	0.5963	0.2000	16.3	20.0	-18.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.479	2.179	0.0500	87.9	100	-12.1	50.0
Toluene	Ave	1.701	1.528	0.4000	18.0	20.0	-10.2	20.0
trans-1,3-Dichloropropene	Ave	0.6497	0.5056	0.1000	15.6	20.0	-22.2	50.0
Ethyl methacrylate	Ave	0.5636	0.3724		13.2	20.0	-33.9*	20.0
1,1,2-Trichloroethane	Ave	0.3369	0.2723	0.1000	16.2	20.0	-19.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-750920/3 Calibration Date: 01/04/2021 17:27
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT135643.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
Tetrachloroethene	Ave	0.3950	0.3938	0.2000	19.9	20.0	-0.3	20.0
1,3-Dichloropropane	Ave	0.6239	0.5160		16.5	20.0	-17.3	20.0
2-Hexanone	Ave	1.558	1.317	0.0500	84.5	100	-15.5	50.0
n-Butyl acetate	Ave	0.7275	0.4752		13.1	20.0	-34.7*	20.0
Chlorodibromomethane	Ave	0.4018	0.3464	0.1000	17.2	20.0	-13.8	50.0
Ethylene Dibromide	Ave	0.3787	0.3046	0.1000	16.1	20.0	-19.6	20.0
Chlorobenzene	Ave	1.047	0.9841	0.5000	18.8	20.0	-6.0	20.0
Ethylbenzene	Ave	0.5785	0.5374	0.1000	18.6	20.0	-7.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4262	0.3978		18.7	20.0	-6.7	20.0
m-Xylene & p-Xylene	Ave	0.7105	0.6357	0.1000	17.9	20.0	-10.5	20.0
o-Xylene	Ave	0.7446	0.6542	0.3000	17.6	20.0	-12.1	20.0
n-Butyl acrylate	Ave	0.3566	0.2340		13.1	20.0	-34.4*	20.0
Styrene	Ave	1.166	0.9843	0.3000	16.9	20.0	-15.6	20.0
Bromoform	Ave	0.2727	0.2335	0.1000	17.1	20.0	-14.4	20.0
Amyl acetate (mixed isomers)	Ave	1.716	1.020		11.9	20.0	-40.6*	20.0
Isopropylbenzene	Ave	2.055	1.839	0.1000	17.9	20.0	-10.5	20.0
Bromobenzene	Ave	0.8946	0.7973		17.8	20.0	-10.9	20.0
1,1,2,2-Tetrachloroethane	Ave	1.087	0.8078	0.3000	14.9	20.0	-25.7*	20.0
N-Propylbenzene	Ave	4.757	3.955		16.6	20.0	-16.9	20.0
1,2,3-Trichloropropane	QuaF		0.2290		17.3	20.0	-13.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2771	0.1579		11.4	20.0	-43.0*	20.0
2-Chlorotoluene	Ave	3.152	2.654		16.8	20.0	-15.8	20.0
4-Ethyltoluene	Ave	3.732	3.201		17.2	20.0	-14.2	20.0
1,3,5-Trimethylbenzene	Ave	3.279	2.734		16.7	20.0	-16.6	20.0
4-Chlorotoluene	Ave	2.987	2.555		17.1	20.0	-14.5	20.0
Butyl Methacrylate	Ave	1.159	0.5479		9.46	20.0	-52.7*	20.0
tert-Butylbenzene	Ave	2.685	2.182		16.2	20.0	-18.8	20.0
1,2,4-Trimethylbenzene	Ave	3.402	2.779		16.3	20.0	-18.3	20.0
sec-Butylbenzene	Ave	4.445	3.586		16.1	20.0	-19.3	20.0
1,3-Dichlorobenzene	Ave	1.752	1.574	0.6000	18.0	20.0	-10.2	20.0
4-Isopropyltoluene	Ave	3.683	3.040		16.5	20.0	-17.5	20.0
1,4-Dichlorobenzene	Ave	1.702	1.569	0.5000	18.4	20.0	-7.8	20.0
1,2,3-Trimethylbenzene	Ave	3.539	3.009		17.0	20.0	-15.0	20.0
Benzyl chloride	Ave	2.142	1.449		13.5	20.0	-32.3	50.0
Indan	Ave	3.240	2.809		17.3	20.0	-13.3	20.0
p-Diethylbenzene	Ave	1.965	1.611		16.4	20.0	-18.0	20.0
n-Butylbenzene	Ave	2.101	1.691		16.1	20.0	-19.5	20.0
1,2-Dichlorobenzene	Ave	1.684	1.553	0.4000	18.5	20.0	-7.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.904	2.931		15.0	20.0	-24.9*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2420	0.1709	0.0500	14.1	20.0	-29.4	50.0
1,3,5-Trichlorobenzene	Ave	1.641	1.398		17.0	20.0	-14.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-750920/3 Calibration Date: 01/04/2021 17:27
 Instrument ID: CVOAMS17 Calib Start Date: 11/13/2020 00:55
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 11/13/2020 03:44
 Lab File ID: TT135643.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
1,2,4-Trichlorobenzene	Ave	1.583	1.340	0.2000	16.9	20.0	-15.4	20.0
Hexachlorobutadiene	Ave	0.7195	0.6022		16.7	20.0	-16.3	20.0
Naphthalene	Ave	3.617	2.634		14.6	20.0	-27.2	50.0
1,2,3-Trichlorobenzene	Ave	1.419	1.178		16.6	20.0	-17.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2515	0.2446		48.6	50.0	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2872	0.2760		48.0	50.0	-3.9	20.0
Toluene-d8 (Surr)	Ave	1.286	1.183		46.0	50.0	-8.0	20.0
4-Bromofluorobenzene	Ave	0.3825	0.3858		50.4	50.0	0.9	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135643.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 04-Jan-2021 17:27:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0122467-003
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:49:01 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: desais

Date: 05-Jan-2021 06:42:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.208	0.000	64	3468	20.0	7.56	a
2 1,1-Difluoroethane	51	1.269	1.269	0.000	97	81336	20.0	15.6	
3 Chlorotrifluoroethene	116	1.281	1.281	0.000	57	28047	20.0	16.8	
4 Dichlorodifluoromethane	85	1.306	1.306	0.000	80	105088	20.0	16.7	
5 Chlorodifluoromethane	51	1.312	1.312	0.000	99	106597	20.0	18.5	
6 Chloromethane	50	1.434	1.434	0.000	99	119205	20.0	17.4	
8 Butadiene	54	1.494	1.494	0.000	94	94446	20.0	15.7	
7 Vinyl chloride	62	1.507	1.507	0.000	98	121414	20.0	18.2	
9 Bromomethane	94	1.720	1.720	0.000	99	85745	20.0	26.7	
10 Chloroethane	64	1.775	1.775	0.000	100	62613	20.0	25.1	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	99	153915	20.0	18.8	
12 Trichlorofluoromethane	101	1.933	1.933	0.000	66	113813	20.0	18.5	
13 Pentane	72	1.940	1.940	0.000	96	20101	40.0	28.9	
14 Ethanol	46	2.080	2.080	0.000	91	5802	800.0	335.4	
15 Ethyl ether	74	2.098	2.098	0.000	92	34259	20.0	15.8	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	97	55827	20.0	15.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.147	0.000	88	60948	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.196	2.196	0.000	94	98477	20.0	18.0	a
19 Acrolein	56	2.244	2.244	0.000	90	11795	40.0	28.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	91	60272	20.0	17.3	
21 1,1-Dichloroethene	96	2.275	2.275	0.000	97	63680	20.0	17.8	
22 Acetone	43	2.348	2.348	0.000	88	80096	100.0	86.2	
23 Iodomethane	142	2.403	2.403	0.000	99	125136	20.0	19.9	
25 Isopropyl alcohol	45	2.421	2.421	0.000	35	33221	200.0	147.0	
24 Carbon disulfide	76	2.433	2.433	0.000	99	277966	20.0	18.5	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	92	41274	20.0	18.3	
27 Methyl acetate	43	2.549	2.549	0.000	69	83281	40.0	29.5	
28 Cyclopentene	67	2.555	2.555	0.000	91	153494	20.0	16.6	
29 Acetonitrile	40	2.598	2.598	0.000	95	47667	200.0	169.4	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	98	39693	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.653	2.653	0.000	93	81067	20.0	18.7	
32 2-Methyl-2-propanol	59	2.708	2.708	0.000	95	52643	200.0	162.3	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	97	166039	20.0	17.2	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	95	70594	20.0	19.4	
35 Acrylonitrile	53	2.872	2.872	0.000	96	232169	200.0	153.6	
36 Hexane	57	2.945	2.945	0.000	93	80495	20.0	15.8	
37 Isopropyl ether	45	3.141	3.141	0.000	96	210733	20.0	16.1	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	100	119365	20.0	18.0	
39 Vinyl acetate	86	3.177	3.177	0.000	100	23784	40.0	39.0	
40 2-Chloro-1,3-butadiene	88	3.195	3.195	0.000	91	55430	20.0	18.0	
41 Tert-butyl ethyl ether	59	3.421	3.421	0.000	88	184652	20.0	16.4	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	292813	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	68	16626	20.0	13.8	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	96	73079	20.0	18.3	
45 2-Butanone (MEK)	72	3.640	3.640	0.000	96	30977	100.0	87.6	
46 Ethyl acetate	70	3.647	3.647	0.000	96	11636	40.0	37.2	
47 Methyl acrylate	55	3.695	3.695	0.000	99	46799	20.0	14.8	
48 Propionitrile	54	3.762	3.762	0.000	98	82029	200.0	181.2	
49 Chlorobromomethane	128	3.823	3.823	0.000	88	36145	20.0	19.0	
50 Tetrahydrofuran	72	3.829	3.829	0.000	66	14995	40.0	38.7	
51 Methacrylonitrile	67	3.854	3.854	0.000	94	236313	200.0	162.2	
52 Chloroform	83	3.878	3.878	0.000	99	117213	20.0	19.5	
53 Cyclohexane	84	3.988	3.988	0.000	92	95096	20.0	16.8	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	97	108735	20.0	20.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	136662	50.0	48.6	
56 Carbon tetrachloride	117	4.116	4.116	0.000	99	85735	20.0	18.9	
57 1,1-Dichloropropene	75	4.140	4.140	0.000	96	83052	20.0	17.7	
58 Isobutyl alcohol	43	4.293	4.293	0.000	92	89439	500.0	383.0	
59 Isooctane	57	4.305	4.305	0.000	99	205117	20.0	14.0	
60 Benzene	78	4.323	4.323	0.000	96	251602	20.0	18.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.341	0.000	97	154187	50.0	48.0	
62 Tert-amyl methyl ether	73	4.396	4.396	0.000	80	200366	20.0	16.9	
63 Isopropyl acetate	61	4.402	4.402	0.000	93	28967	20.0	14.9	
64 1,2-Dichloroethane	62	4.409	4.409	0.000	97	80069	20.0	18.4	
65 n-Heptane	100	4.482	4.482	0.000	94	12914	20.0	14.7	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	558649	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	87	31066	500.0	304.2	
68 Trichloroethene	95	4.921	4.921	0.000	97	60059	20.0	17.6	
69 Methylcyclohexane	83	5.036	5.036	0.000	97	101063	20.0	15.6	
70 Ethyl acrylate	99	5.049	5.049	0.000	97	7607	20.0	13.3	
71 1,2-Dichloropropane	63	5.195	5.195	0.000	91	60551	20.0	16.9	
* 72 1,4-Dioxane-d8	96	5.262	5.262	0.000	86	25821	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	90	24688	40.0	29.8	
75 1,4-Dioxane	88	5.317	5.317	0.000	39	11529	400.0	326.2	
74 Dibromomethane	93	5.317	5.317	0.000	93	37770	20.0	16.8	
76 n-Propyl acetate	43	5.347	5.347	0.000	99	69740	20.0	13.3	
77 Dichlorobromomethane	83	5.463	5.463	0.000	99	80126	20.0	17.2	
78 2-Nitropropane	41	5.792	5.792	0.000	84	24330	40.0	26.9	
79 2-Chloroethyl vinyl ether	63	5.805	5.805	0.000	87	30494	20.0	13.5	
80 Epichlorohydrin	57	5.896	5.896	0.000	98	100874	400.0	338.2	
81 cis-1,3-Dichloropropene	75	5.945	5.945	0.000	92	94464	20.0	16.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	97	255197	100.0	87.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.177	6.177	0.000	99	468504	50.0	46.0	
84 Toluene	91	6.250	6.250	0.000	93	242063	20.0	18.0	
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	97	80083	20.0	15.6	
86 Ethyl methacrylate	69	6.646	6.646	0.000	90	58989	20.0	13.2	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	96	43127	20.0	16.2	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	62372	20.0	19.9	
89 1,3-Dichloropropane	76	7.000	7.000	0.000	95	81732	20.0	16.5	
90 2-Hexanone	43	7.085	7.085	0.000	97	154244	100.0	84.5	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	75281	20.0	13.1	
92 Chlorodibromomethane	129	7.219	7.219	0.000	97	54877	20.0	17.2	
93 Ethylene Dibromide	107	7.359	7.359	0.000	99	48246	20.0	16.1	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	396010	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	95	155878	20.0	18.8	
96 Ethylbenzene	106	8.042	8.042	0.000	99	85126	20.0	18.6	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.060	0.000	94	63010	20.0	18.7	
98 m-Xylene & p-Xylene	106	8.207	8.207	0.000	97	100690	20.0	17.9	
99 o-Xylene	106	8.713	8.713	0.000	93	103633	20.0	17.6	
100 n-Butyl acrylate	73	8.743	8.743	0.000	98	37067	20.0	13.1	
101 Styrene	104	8.755	8.755	0.000	95	155920	20.0	16.9	
102 Bromoform	173	9.005	9.005	0.000	97	36980	20.0	17.1	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	91	89807	20.0	11.9	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	291266	20.0	17.9	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	152793	50.0	50.4	
106 Bromobenzene	156	9.572	9.572	0.000	96	70222	20.0	17.8	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.664	0.000	99	71145	20.0	14.9	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	348366	20.0	16.6	
109 1,2,3-Trichloropropane	110	9.700	9.700	0.000	97	20171	20.0	17.3	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	89	13903	20.0	11.4	
111 2-Chlorotoluene	91	9.792	9.792	0.000	96	233749	20.0	16.8	
112 4-Ethyltoluene	105	9.822	9.822	0.000	99	281922	20.0	17.2	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	93	240762	20.0	16.7	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	225055	20.0	17.1	
115 Butyl Methacrylate	87	10.048	10.048	0.000	91	48252	20.0	9.46	
116 tert-Butylbenzene	119	10.224	10.224	0.000	94	192136	20.0	16.2	
117 1,2,4-Trimethylbenzene	105	10.292	10.292	0.000	98	244756	20.0	16.3	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	315816	20.0	16.1	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	97	138653	20.0	18.0	
120 4-Isopropyltoluene	119	10.602	10.602	0.000	98	267776	20.0	16.5	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	220186	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.676	0.000	95	138155	20.0	18.4	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	100	265044	20.0	17.0	
124 Benzyl chloride	91	10.822	10.822	0.000	98	127607	20.0	13.5	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	94	247435	20.0	17.3	
126 p-Diethylbenzene	119	10.962	10.962	0.000	93	141907	20.0	16.4	
127 n-Butylbenzene	92	10.987	10.987	0.000	97	148940	20.0	16.1	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	136823	20.0	18.5	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	258187	20.0	15.0	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.724	0.000	96	15050	20.0	14.1	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	97	123099	20.0	17.0	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	117982	20.0	16.9	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	96	53042	20.0	16.7	
134 Naphthalene	128	12.547	12.547	0.000	99	232027	20.0	14.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	95	103738	20.0	16.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 137 Xylenes, Total	100				0		40.0	35.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	31.9	
S 140 Total BTEX	1				0		100.0	90.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131	Amount Added: 20.00	Units: uL	
524freon_00031	Amount Added: 20.00	Units: uL	
ACROLEIN W_00118	Amount Added: 4.00	Units: uL	
GASES Li_00401	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135643.D

Injection Date: 04-Jan-2021 17:27:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

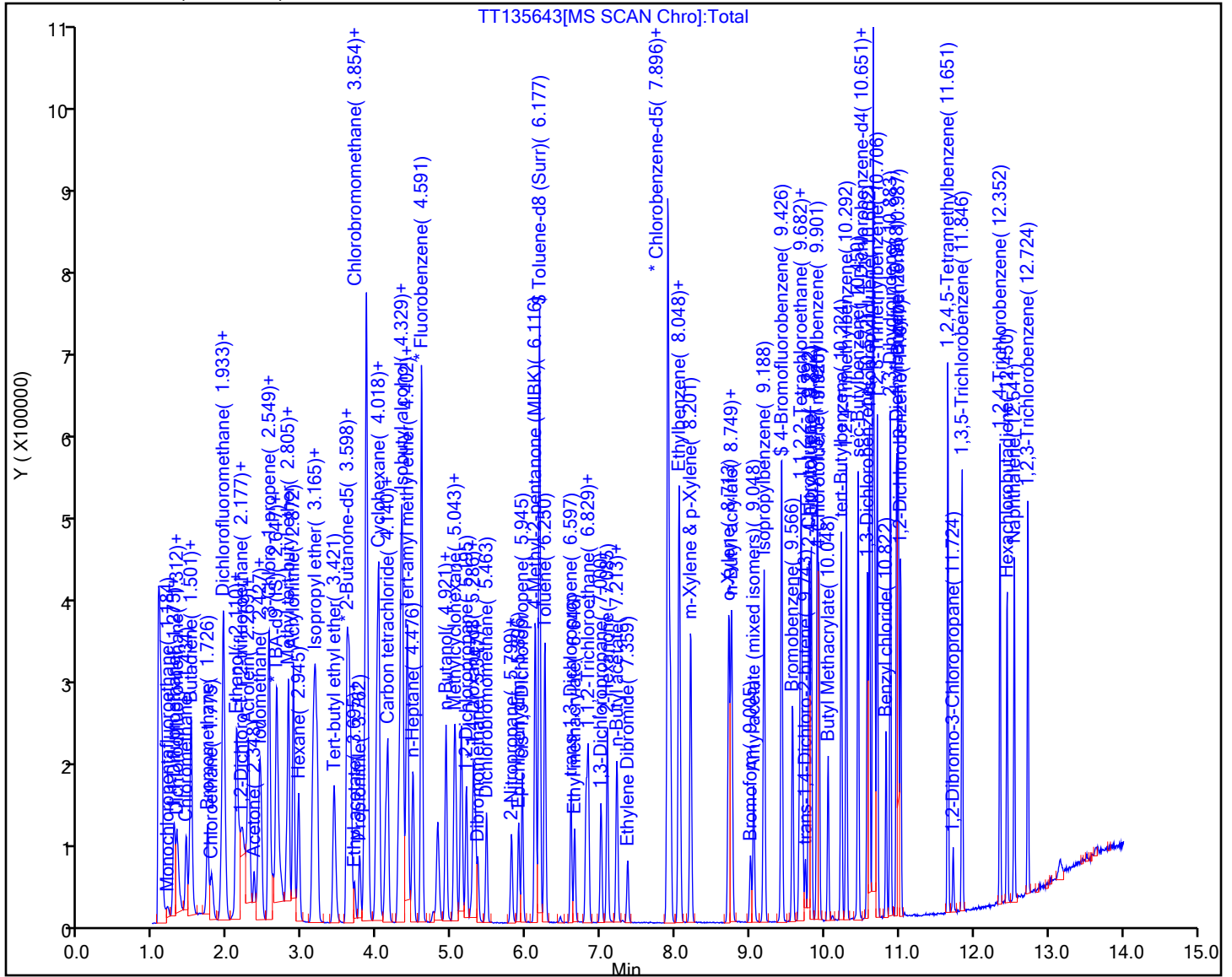
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135643.D

Injection Date: 04-Jan-2021 17:27:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

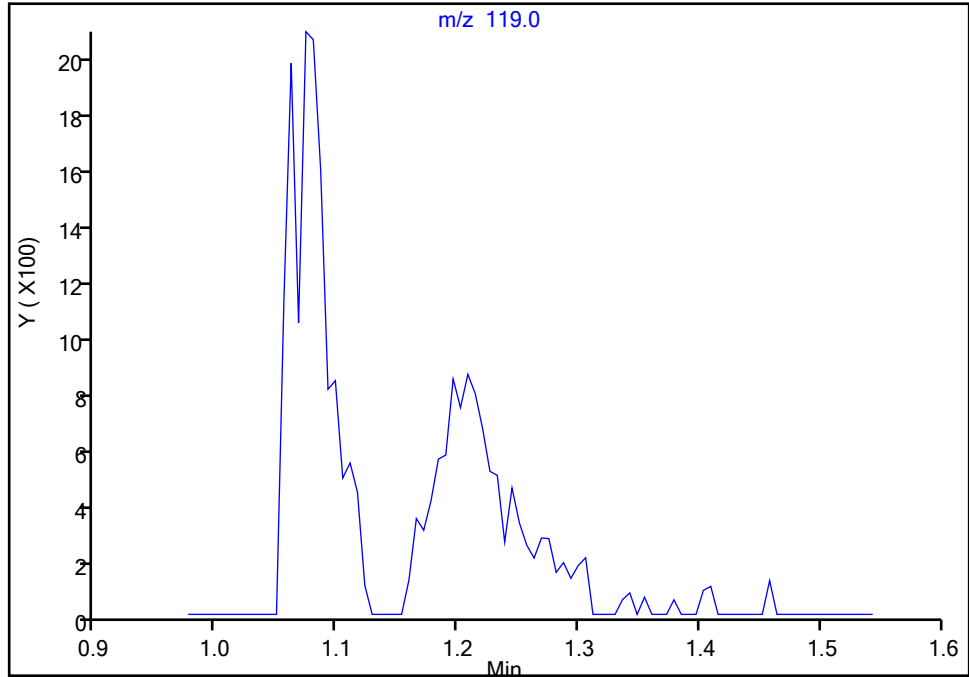
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

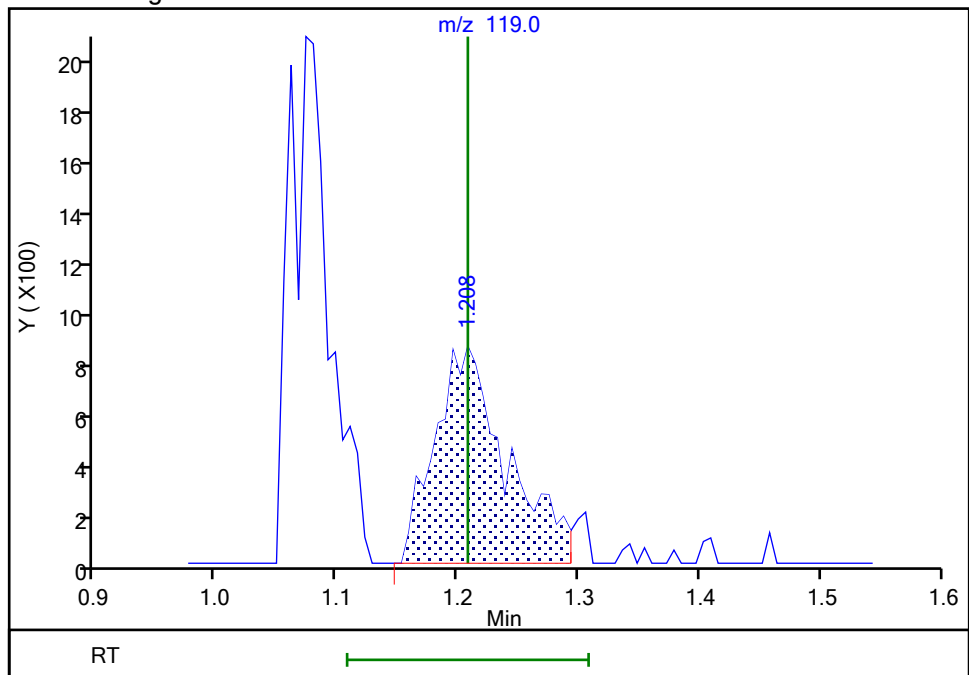
Not Detected

Expected RT: 1.21

Processing Integration Results



Manual Integration Results



Reviewer: parekhv, 04-Jan-2021 17:47:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135643.D

Injection Date: 04-Jan-2021 17:27:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

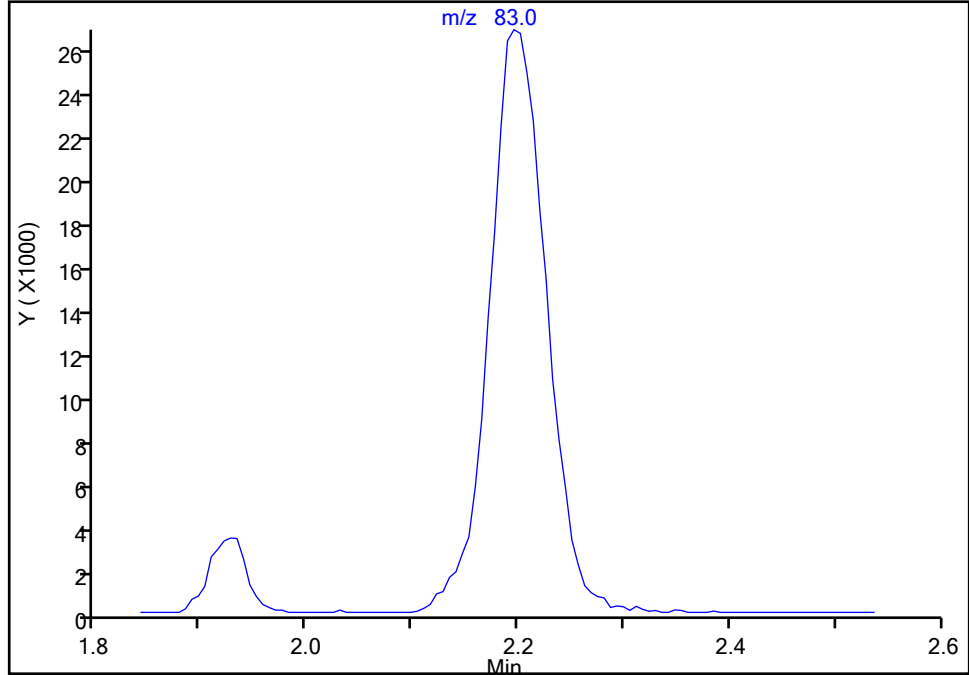
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

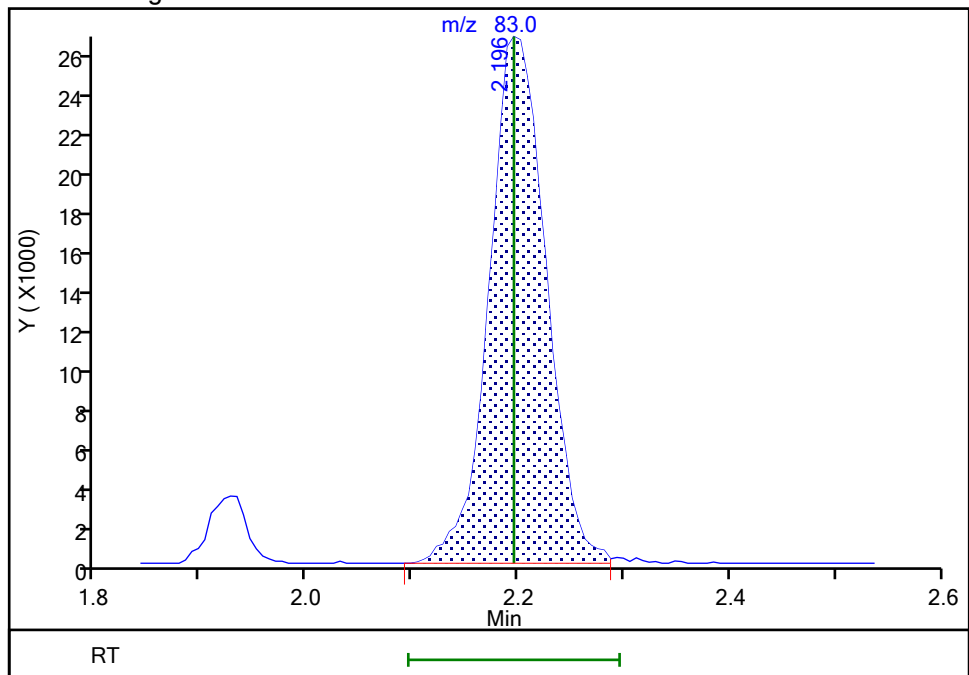
Not Detected

Expected RT: 2.20

Processing Integration Results



Manual Integration Results

RT: 2.20
Area: 98477
Amount: 17.970939
Amount Units: ug/l

Reviewer: parekhv, 04-Jan-2021 17:47:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135643.D

Injection Date: 04-Jan-2021 17:27:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

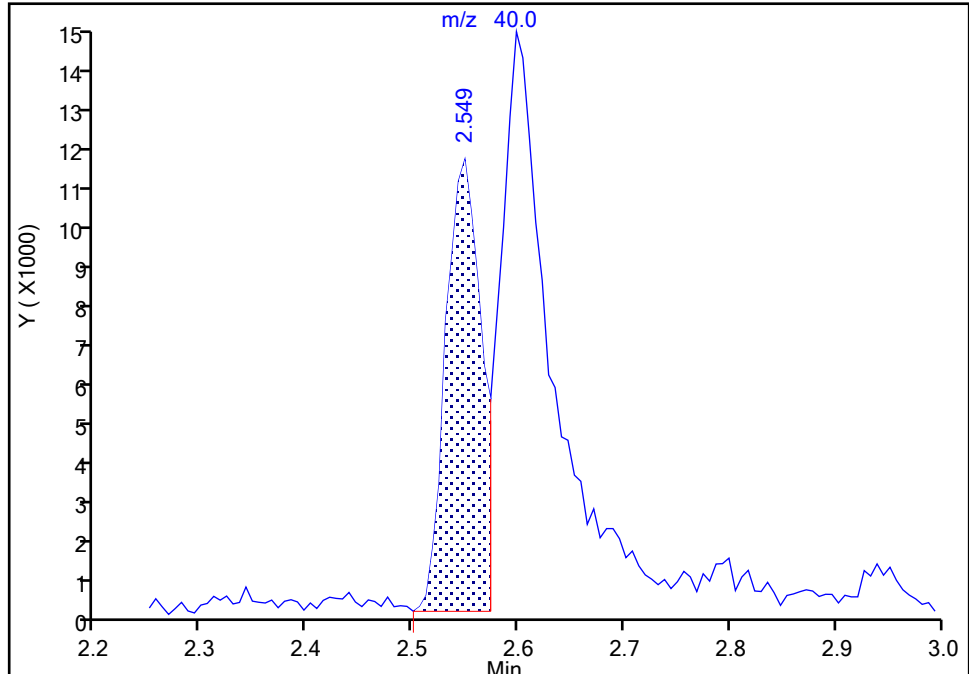
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

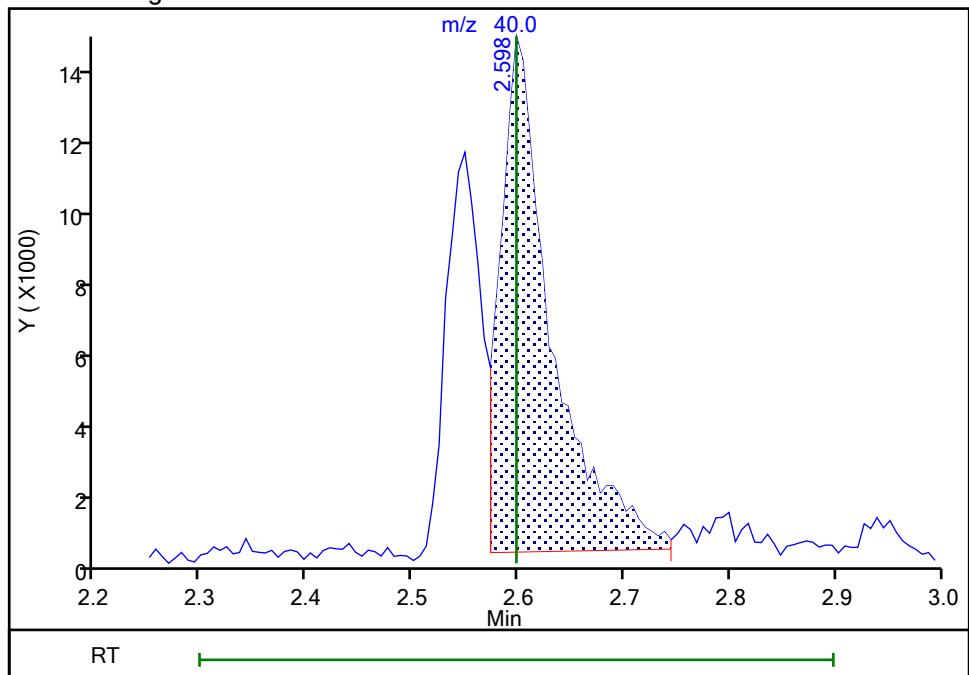
RT: 2.55
Area: 26383
Amount: 93.739646
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 47667
Amount: 169.3624
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 04-Jan-2021 17:47:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133017.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 13-Nov-2020 00:19:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0120015-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 14-Nov-2020 08:00:02 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1662

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 141 BFB	95	2.843	2.843	0.000	84	121531	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00026

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133017.D

Injection Date: 13-Nov-2020 00:19:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

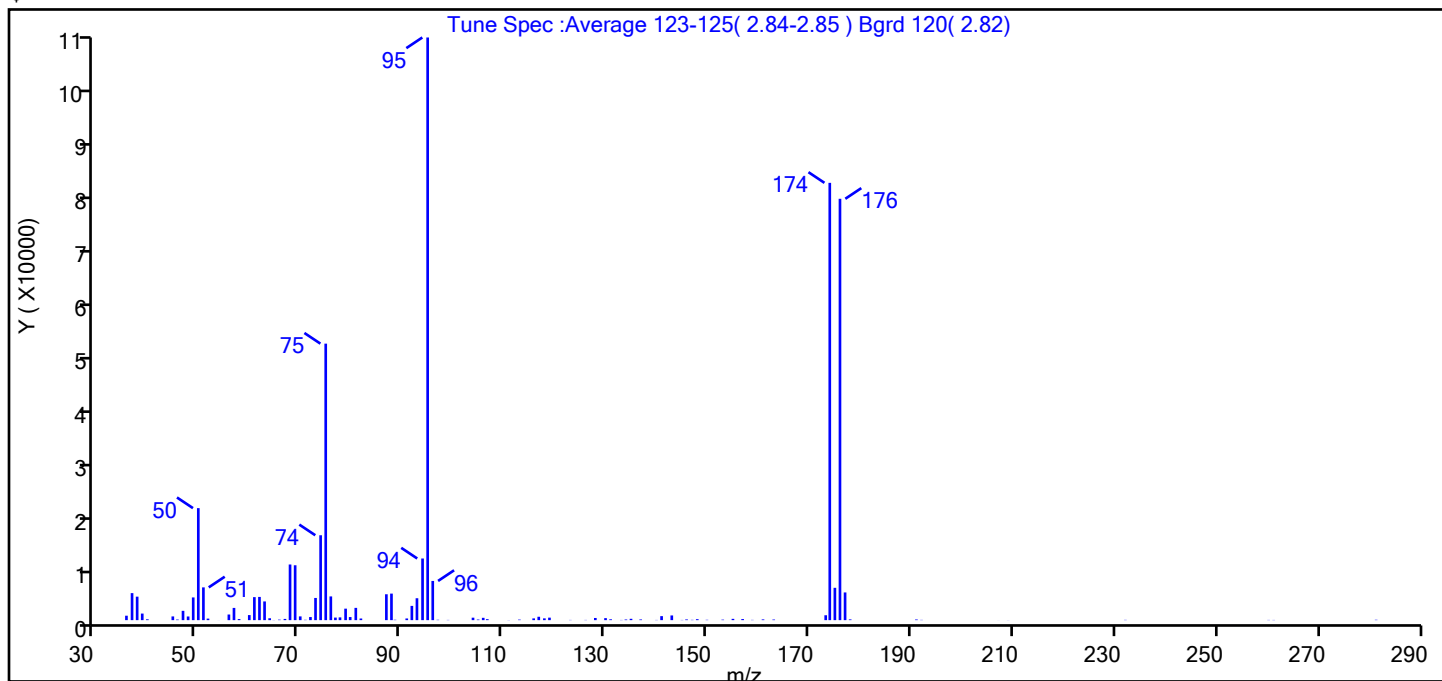
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.2
75	30 to 60% of m/z 95	47.5
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.8 (1.1)
174	50 to 120% of m/z 95	75.1
175	5 to 9% of m/z 174	5.5 (7.4)
176	Greater than 95% but less than 101% of m/z 174	72.3 (96.4)
177	5 to 9% of m/z 176	4.8 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133017.D\8260W_17.rslt\spectra.d
Injection Date: 13-Nov-2020 00:19:30
Spectrum: Tune Spec :Average 123-125(2.84-2.85) Bgrd 120(2.82)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	770	68.00	9662	99.00	40	147.00	53
37.00	4691	69.00	9528	104.00	428	148.00	166
38.00	4077	70.00	651	105.00	106	150.00	60
39.00	1142	71.00	59	106.00	404	153.00	88
40.00	143	72.00	538	107.00	165	155.00	224
45.00	646	73.00	3852	111.00	22	157.00	187
46.00	103	74.00	14739	113.00	96	159.00	46
47.00	1616	75.00	48008	116.00	302	161.00	128
48.00	637	76.00	4119	117.00	587	163.00	105
49.00	3942	77.00	445	118.00	310	173.00	849
50.00	19448	78.00	480	119.00	434	174.00	75928
51.00	5689	79.00	1995	123.00	38	175.00	5613
52.00	266	80.00	539	126.00	39	176.00	73160
54.00	7	81.00	2130	128.00	376	177.00	4810
56.00	977	82.00	285	130.00	349	178.00	130
57.00	2124	87.00	4494	131.00	149	191.00	115
58.00	190	88.00	4608	133.00	34	192.00	46
60.00	878	89.00	65	134.00	112	207.00	7
61.00	3995	91.00	291	135.00	232	209.00	14
62.00	4032	92.00	2475	137.00	120	232.00	48
63.00	3248	93.00	3804	140.00	37	253.00	2
64.00	327	94.00	10703	141.00	696	260.00	39
65.00	18	95.00	101168	143.00	816	261.00	36
66.00	88	96.00	6805	145.00	35	281.00	66
67.00	212	97.00	64	146.00	124		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133017.D

Injection Date: 13-Nov-2020 00:19:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

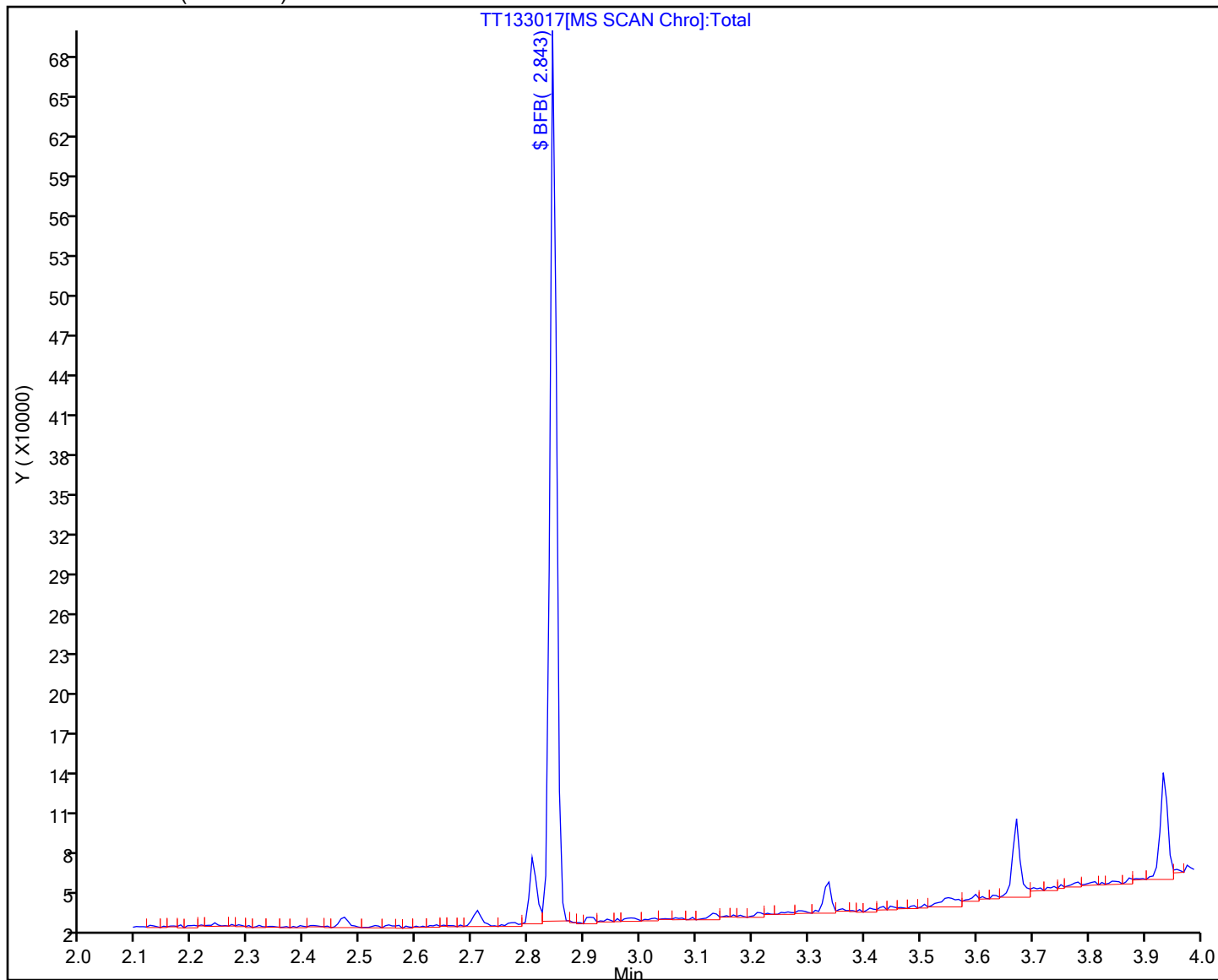
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135613.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 04-Jan-2021 06:07:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0122442-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 12:27:46 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.843	2.843	0.000	87	113471	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00027

Amount Added: 1.00

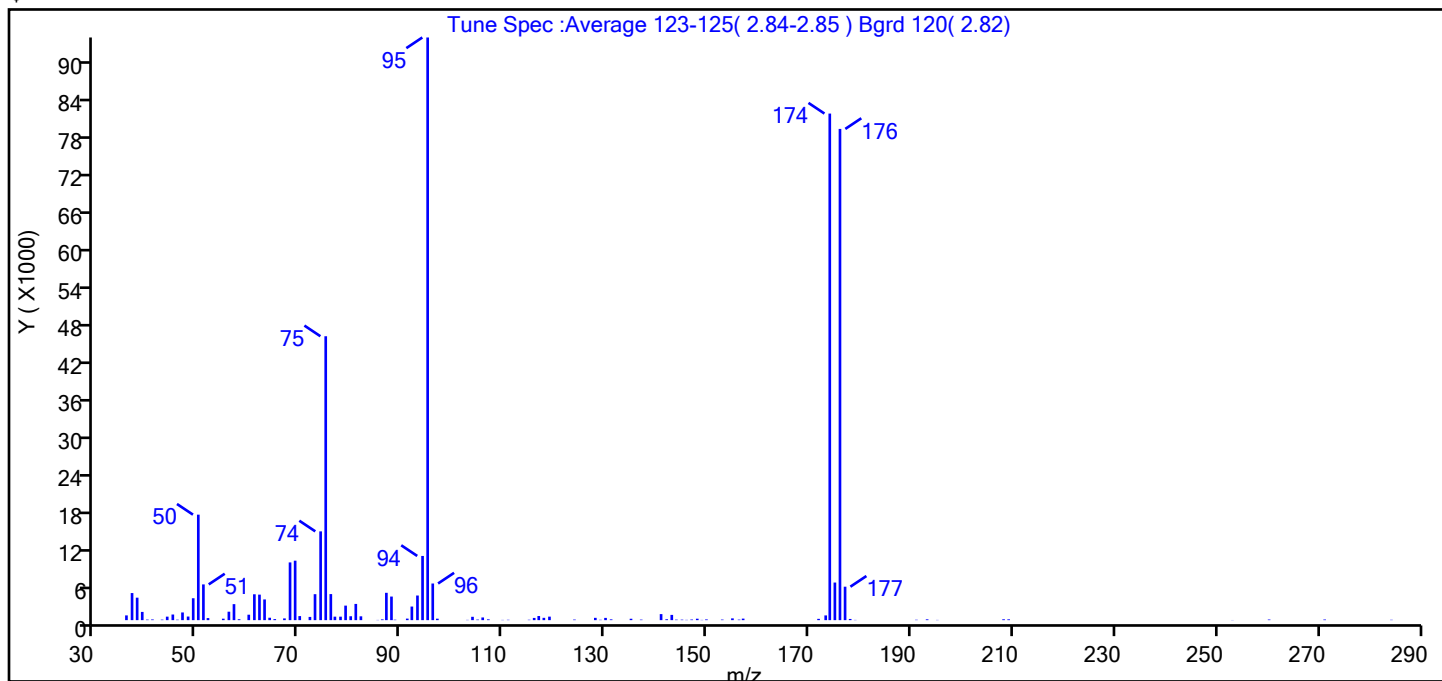
Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135613.D
Injection Date: 04-Jan-2021 06:07:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_17
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.1
75	30 to 60% of m/z 95	48.7
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.8 (0.9)
174	50 to 120% of m/z 95	86.9
175	5 to 9% of m/z 174	6.5 (7.4)
176	Greater than 95% but less than 101% of m/z 174	84.3 (97.0)
177	5 to 9% of m/z 176	5.7 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135613.D\8260W_17.rslt\spectra.d
 Injection Date: 04-Jan-2021 06:07:30
 Spectrum: Tune Spec :Average 123-125(2.84-2.85) Bgrd 120(2.82)
 Base Peak: 95.10
 Minimum % Base Peak: 0
 Number of Points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	760	67.00	278	97.00	233	147.00	101
37.00	4334	68.00	9237	103.00	42	148.00	228
38.00	3595	69.00	9515	104.00	535	149.00	37
39.00	1317	70.00	650	105.00	89	150.00	116
40.00	86	72.00	515	106.00	429	153.00	90
41.00	110	73.00	4154	107.00	127	155.00	284
43.00	82	74.00	14206	110.00	38	156.00	82
44.00	559	75.00	45432	111.00	58	157.00	244
45.00	901	76.00	4171	115.00	62	172.00	207
46.00	73	77.00	558	116.00	354	173.00	756
47.00	1231	78.00	556	117.00	659	174.00	81064
48.00	578	79.00	2324	118.00	371	175.00	6017
49.00	3505	80.00	625	119.00	562	176.00	78608
50.00	16880	81.00	2596	124.00	92	177.00	5353
51.00	5719	82.00	611	128.00	369	178.00	190
52.00	331	85.00	34	129.00	56	179.00	36
55.00	233	86.00	121	130.00	360	191.00	62
56.00	1351	87.00	4374	131.00	124	193.00	129
57.00	2561	88.00	3775	135.00	223	195.00	37
58.00	147	89.00	69	137.00	83	208.00	135
60.00	871	91.00	245	141.00	967	209.00	128
61.00	4139	92.00	2175	142.00	142	253.00	25
62.00	4083	93.00	3941	143.00	839	260.00	99
63.00	3313	94.00	10272	144.00	83	270.00	4
64.00	386	95.00	93240	145.00	80	271.00	100
65.00	165	96.00	5863	146.00	45	284.00	57

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135613.D

Injection Date: 04-Jan-2021 06:07:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

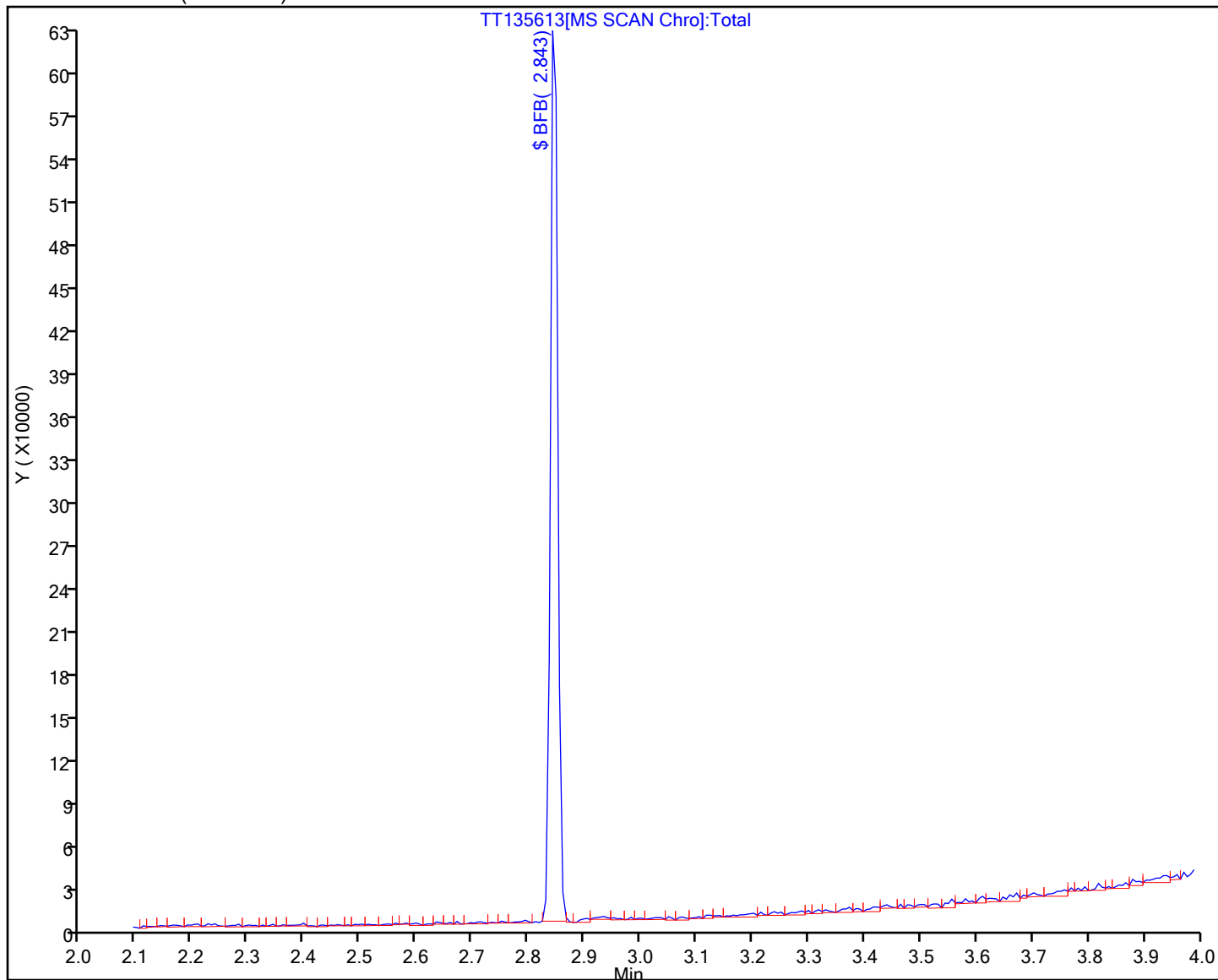
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135641.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 04-Jan-2021 16:43:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0122467-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:48:58 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: desais

Date: 05-Jan-2021 06:41:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.843	2.843	0.000	91	141316	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00027

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135641.D

Injection Date: 04-Jan-2021 16:43:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

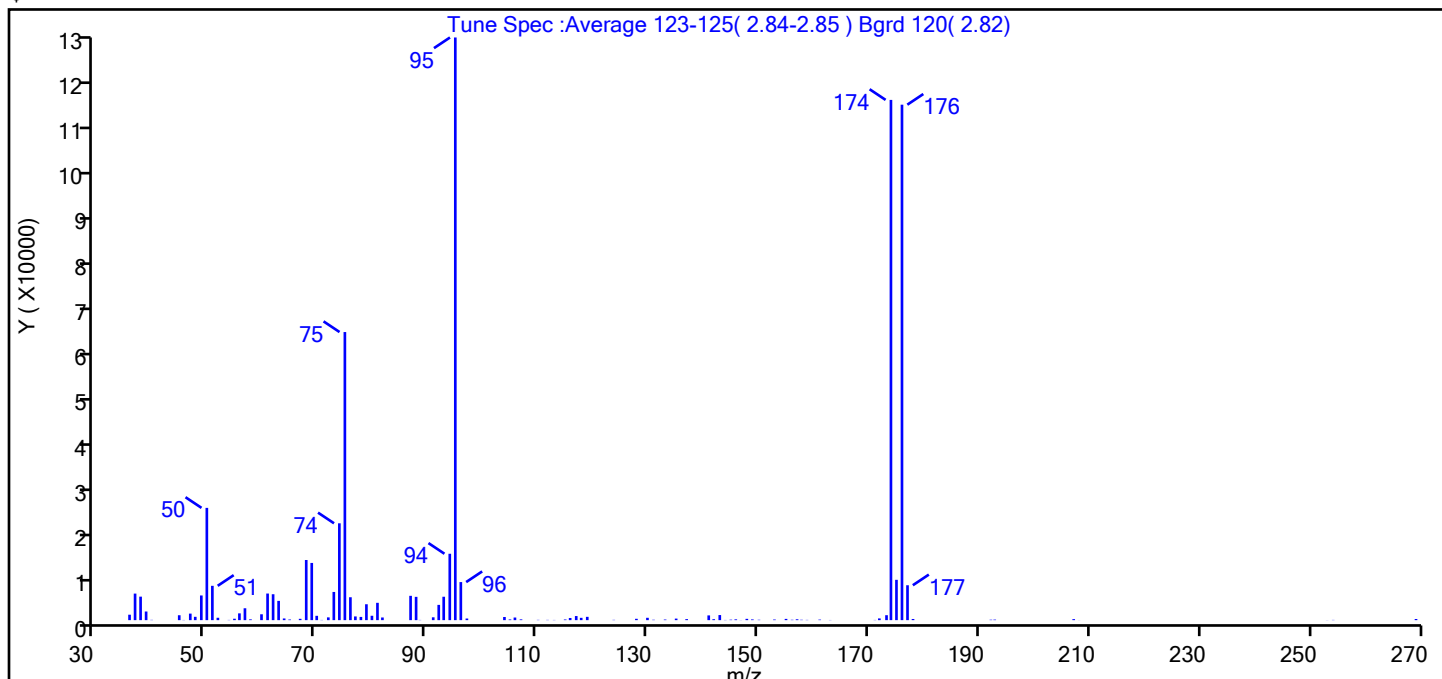
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.3
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	89.3
175	5 to 9% of m/z 174	6.9 (7.8)
176	Greater than 95% but less than 101% of m/z 174	88.5 (99.1)
177	5 to 9% of m/z 176	6.0 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135641.D\8260W_17.rslt\spectra.d
Injection Date: 04-Jan-2021 16:43:30
Spectrum: Tune Spec :Average 123-125(2.84-2.85) Bgrd 120(2.82)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1136	69.00	11957	106.00	547	150.00	80
37.00	5550	70.00	903	107.00	160	153.00	130
38.00	4911	71.00	41	110.00	60	155.00	261
39.00	1806	72.00	578	112.00	55	156.00	78
40.00	58	73.00	5891	113.00	42	157.00	181
45.00	1025	74.00	20240	115.00	137	158.00	79
46.00	38	75.00	60216	116.00	450	159.00	53
47.00	1365	76.00	4786	117.00	857	161.00	115
48.00	695	77.00	775	118.00	484	163.00	36
49.00	5158	78.00	673	119.00	690	171.00	42
50.00	23464	79.00	3323	124.00	61	172.00	360
51.00	7174	80.00	915	128.00	281	173.00	1033
52.00	497	81.00	3621	130.00	490	174.00	108736
54.00	46	82.00	557	131.00	81	175.00	8428
55.00	297	87.00	5083	133.00	127	176.00	107736
56.00	1418	88.00	4868	135.00	321	177.00	7294
57.00	2483	89.00	42	137.00	214	178.00	241
58.00	165	91.00	594	141.00	990	192.00	89
60.00	1227	92.00	3190	142.00	198	193.00	111
61.00	5561	93.00	4892	143.00	1063	207.00	209
62.00	5415	94.00	13876	144.00	41	208.00	13
63.00	4028	95.00	121784	145.00	98	253.00	19
64.00	351	96.00	7955	146.00	166	254.00	49
65.00	131	97.00	337	147.00	21	269.00	239
67.00	276	104.00	655	148.00	271		
68.00	12570	105.00	147	149.00	152		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135641.D

Injection Date: 04-Jan-2021 16:43:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

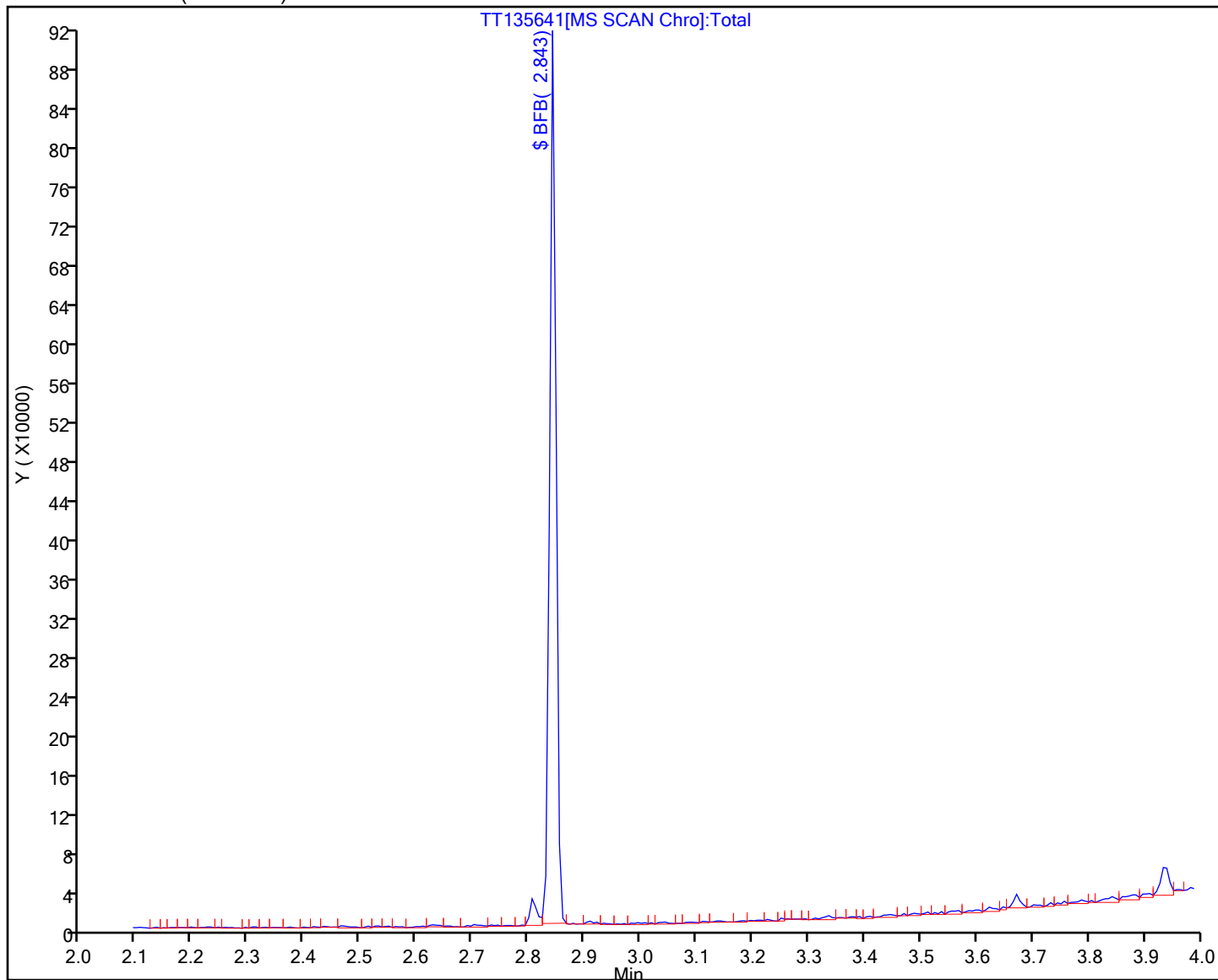
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-750829/7
 Matrix: Water Lab File ID: TT135619.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 08:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-750829/7
 Matrix: Water Lab File ID: TT135619.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 08:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	93		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135619.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Jan-2021 08:19:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0122442-007
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 12:27:50 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 10:04:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.634	2.647	-0.013	99	48500	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	355599	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	162404	50.0	48.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	96	178107	50.0	46.5	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	667127	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.256	5.250	0.006	90	30934	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.176	0.000	100	532671	50.0	46.0	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	86	450176	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	172010	50.0	49.9	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	248053	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135619.D

Injection Date: 04-Jan-2021 08:19:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

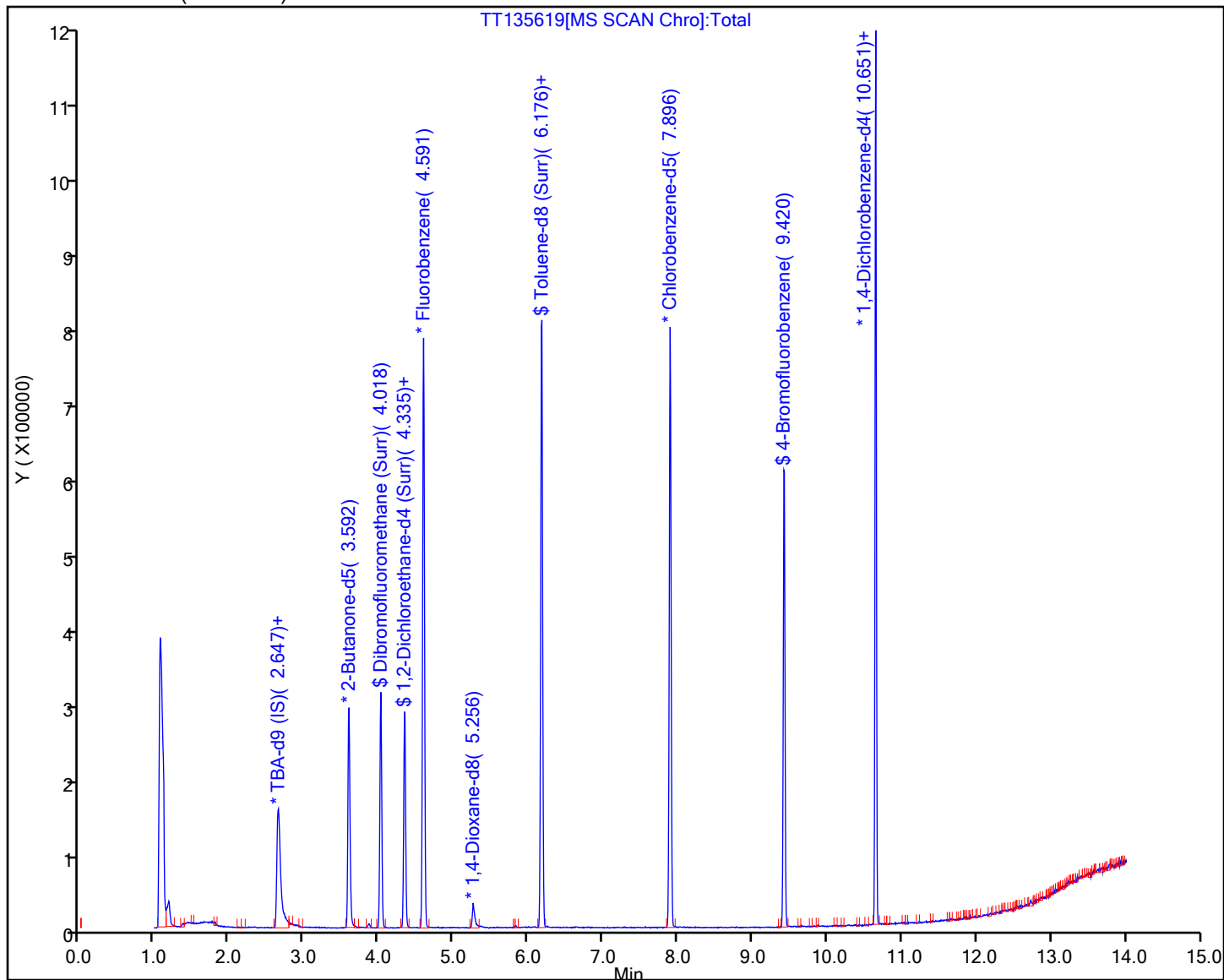
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-750920/9

Matrix: Water Lab File ID: TT135649.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 19:39

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750920 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	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
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
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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	0.33
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
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	0.40
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	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-750920/9
 Matrix: Water Lab File ID: TT135649.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 19:39
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
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	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
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)	96		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135649.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Jan-2021 19:39:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0122467-009
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:47:41 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: desais

Date: 05-Jan-2021 06:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	99	48469	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	100	336828	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	155402	50.0	48.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.341	0.000	97	173561	50.0	47.8	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	632645	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.262	5.262	0.000	90	29124	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.177	0.000	99	511296	50.0	46.1	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	431496	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	165442	50.0	50.1	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	250304	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135649.D

Injection Date: 04-Jan-2021 19:39:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

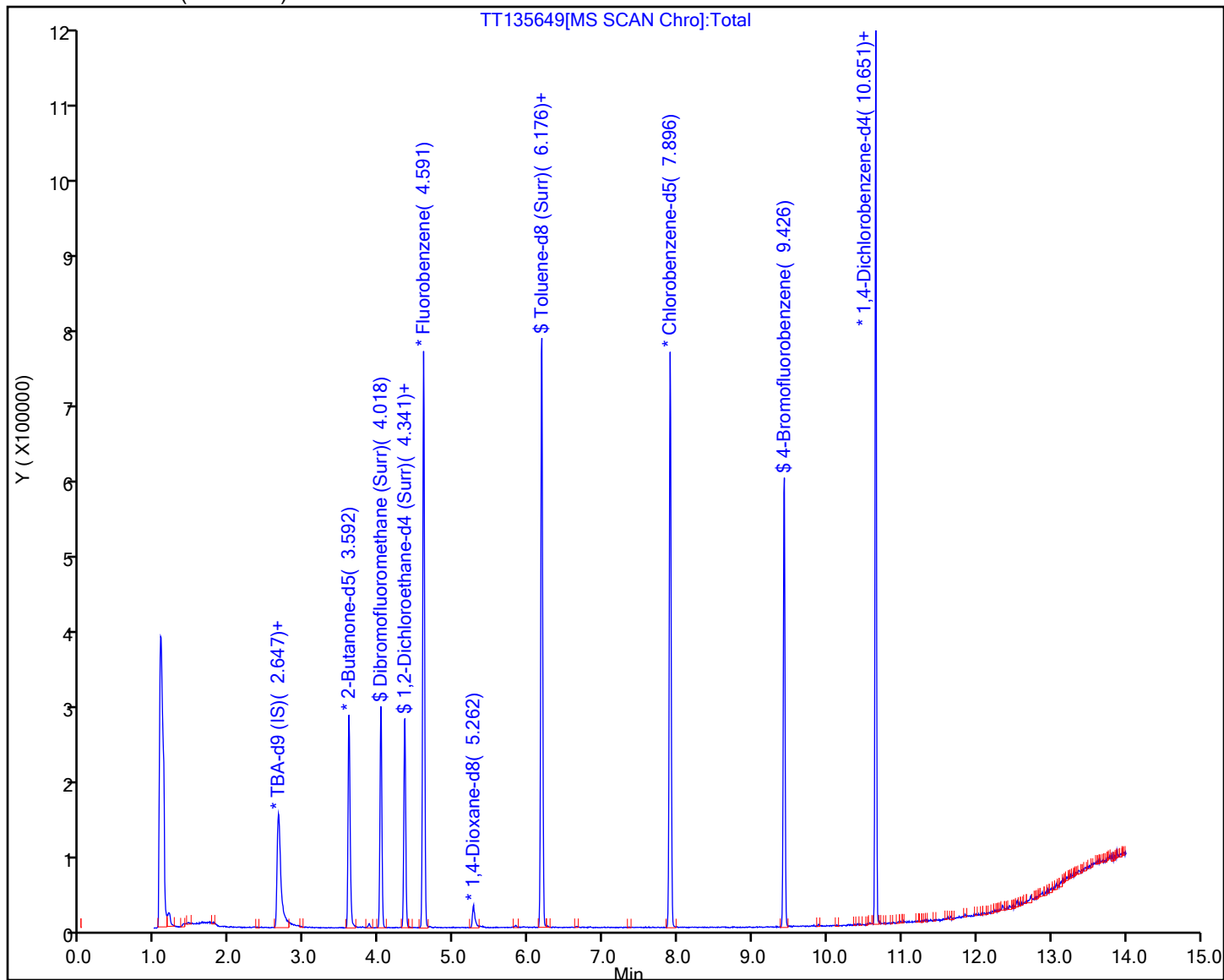
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135649.D

Injection Date: 04-Jan-2021 19:39:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

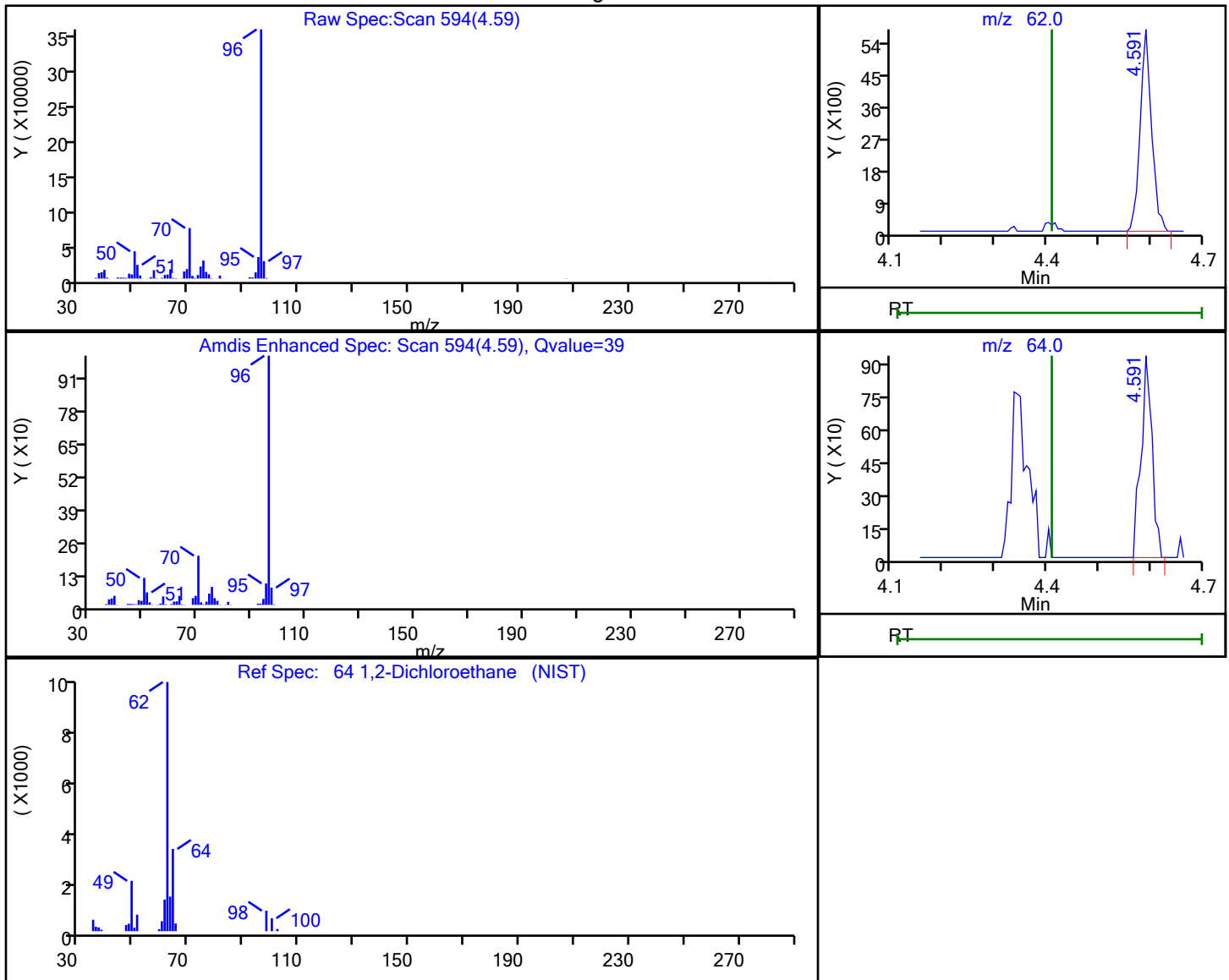
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.59	62.00	8815	1.786092
4.59	64.00	1388	

Reviewer: parekhv, 04-Jan-2021 20:01:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135649.D

Injection Date: 04-Jan-2021 19:39:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

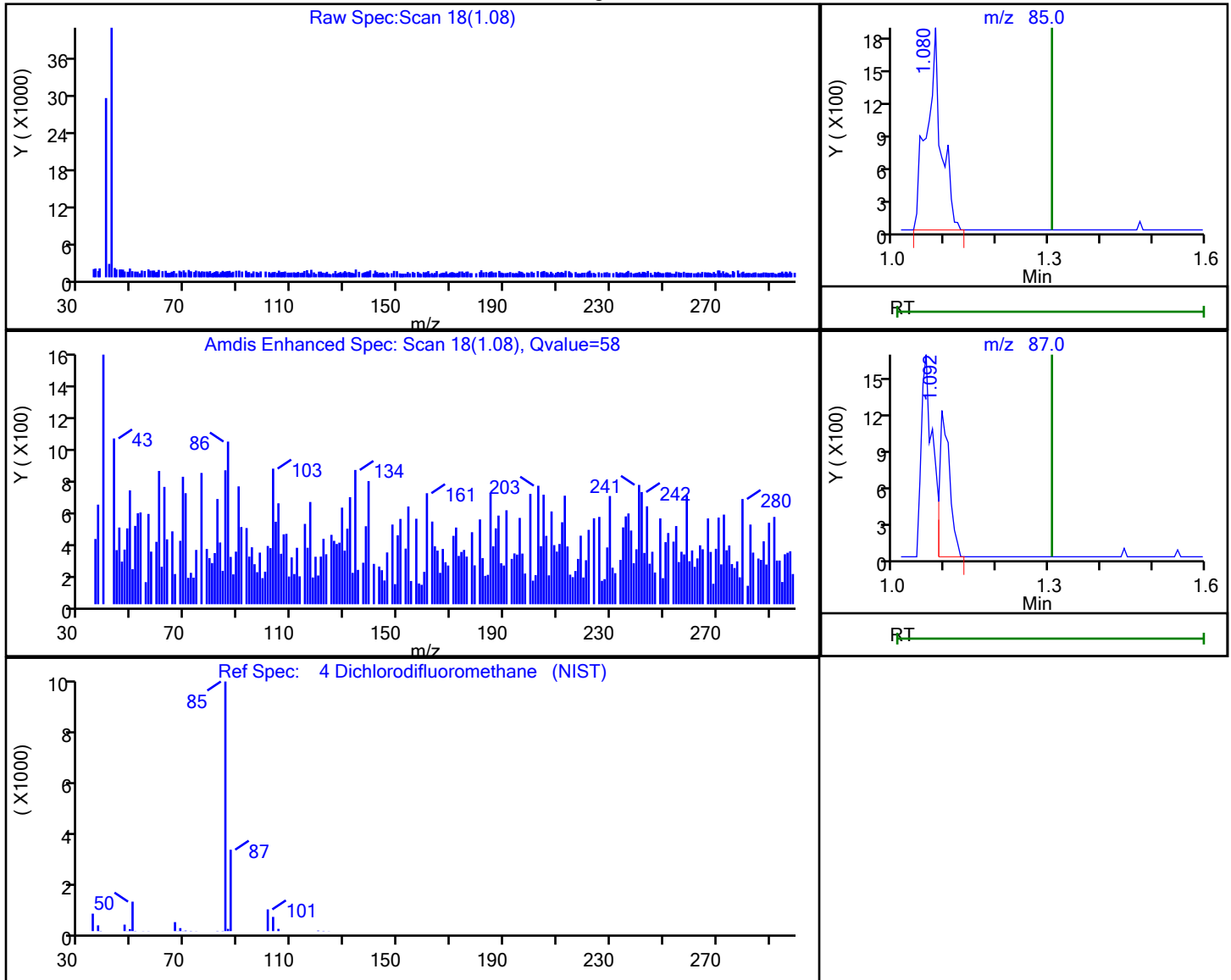
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



Reviewer: parekhv, 04-Jan-2021 20:01:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-750829/3

Matrix: Water Lab File ID: TT135615.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 06:57

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.20
75-34-3	1,1-Dichloroethane	18.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.6		1.0	0.38
106-93-4	Ethylene Dibromide	18.2		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.21
107-06-2	1,2-Dichloroethane	18.1		1.0	0.43
78-87-5	1,2-Dichloropropane	17.6		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.33
78-93-3	2-Butanone (MEK)	99.2		5.0	1.9
591-78-6	2-Hexanone	89.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	94.5		5.0	1.3
67-64-1	Acetone	92.7		5.0	4.4
71-43-2	Benzene	18.4		1.0	0.20
74-97-5	Chlorobromomethane	20.1		1.0	0.41
75-27-4	Dichlorobromomethane	17.5		1.0	0.34
75-25-2	Bromoform	19.0		1.0	0.54
74-83-9	Bromomethane	24.7		1.0	0.55
75-15-0	Carbon disulfide	18.5		1.0	0.82
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
75-00-3	Chloroethane	22.8		1.0	0.32
67-66-3	Chloroform	19.5		1.0	0.33
74-87-3	Chloromethane	17.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.8		1.0	0.22
110-82-7	Cyclohexane	18.3		1.0	0.32
124-48-1	Chlorodibromomethane	18.3		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.3		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-750829/3
 Matrix: Water Lab File ID: TT135615.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 06:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.9		1.0	0.30
98-82-8	Isopropylbenzene	18.5		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	18.4		1.0	0.30
79-20-9	Methyl acetate	32.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.0		1.0	0.22
108-87-2	Methylcyclohexane	17.7		1.0	0.71
75-09-2	Methylene Chloride	19.0		1.0	0.32
95-47-6	o-Xylene	18.4		1.0	0.36
100-42-5	Styrene	17.3		1.0	0.42
127-18-4	Tetrachloroethene	19.9		1.0	0.25
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.8		1.0	0.22
79-01-6	Trichloroethene	18.2		1.0	0.31
75-69-4	Trichlorofluoromethane	19.0		1.0	0.32
75-01-4	Vinyl chloride	17.7		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135615.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 04-Jan-2021 06:57:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0122442-003
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 04-Jan-2021 12:27:50 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: desais

Date: 04-Jan-2021 10:00:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.208	0.000	65	8144	20.0	15.1	a
2 1,1-Difluoroethane	51	1.263	1.269	-0.006	96	93750	20.0	15.3	
3 Chlorotrifluoroethene	116	1.275	1.275	0.000	59	44250	20.0	22.6	
4 Dichlorodifluoromethane	85	1.293	1.299	-0.006	95	149767	20.0	20.3	
5 Chlorodifluoromethane	51	1.312	1.311	0.001	99	112896	20.0	16.7	
6 Chloromethane	50	1.427	1.433	-0.006	99	138391	20.0	17.3	
8 Butadiene	54	1.494	1.500	-0.006	94	118003	20.0	16.8	
7 Vinyl chloride	62	1.501	1.507	-0.006	98	138318	20.0	17.7	
9 Bromomethane	94	1.720	1.726	-0.006	99	98465	20.0	24.7	
10 Chloroethane	64	1.763	1.775	-0.012	99	70882	20.0	22.8	
11 Dichlorofluoromethane	67	1.921	1.921	0.000	98	170818	20.0	17.8	
12 Trichlorofluoromethane	101	1.927	1.933	-0.006	66	136920	20.0	19.0	
13 Pentane	72	1.939	1.939	0.000	95	27947	40.0	34.2	
14 Ethanol	46	2.086	2.086	0.000	70	14017	800.0	647.1	M
15 Ethyl ether	74	2.092	2.098	-0.006	95	44808	20.0	17.6	
16 2-Methyl-1,3-butadiene	53	2.110	2.116	-0.006	97	69313	20.0	16.3	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.147	0.000	87	74005	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.196	2.202	-0.006	96	120377	20.0	18.7	a
19 Acrolein	56	2.232	2.244	-0.012	91	11460	40.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.001	93	81299	20.0	19.9	
21 1,1-Dichloroethene	96	2.275	2.275	0.000	98	77665	20.0	18.5	
22 Acetone	43	2.336	2.348	-0.012	88	106896	100.0	92.7	
23 Iodomethane	142	2.397	2.403	-0.006	98	150586	20.0	20.4	
25 Isopropyl alcohol	45	2.427	2.421	0.006	35	45982	200.0	162.5	
24 Carbon disulfide	76	2.427	2.433	-0.006	99	326886	20.0	18.5	
26 3-Chloro-1-propene	76	2.531	2.537	-0.006	92	47323	20.0	17.9	
27 Methyl acetate	43	2.543	2.549	-0.006	72	107130	40.0	32.4	
28 Cyclopentene	67	2.549	2.555	-0.006	90	191828	20.0	17.7	
29 Acetonitrile	40	2.592	2.604	-0.012	99	58662	200.0	167.8	
* 31 TBA-d9 (IS)	66	2.641	2.647	-0.006	99	49704	1000.0	1000.0	
30 Methylene Chloride	84	2.647	2.653	-0.006	92	96713	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.708	2.708	0.000	91	72013	200.0	177.3	a
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	97	203299	20.0	18.0	
34 trans-1,2-Dichloroethene	96	2.805	2.805	0.000	95	83669	20.0	19.6	
35 Acrylonitrile	53	2.872	2.872	0.000	95	305433	200.0	172.3	
36 Hexane	57	2.939	2.939	0.000	92	107046	20.0	17.9	
37 Isopropyl ether	45	3.134	3.134	0.000	96	249159	20.0	16.2	
38 1,1-Dichloroethane	63	3.153	3.159	-0.006	99	142197	20.0	18.3	
39 Vinyl acetate	86	3.171	3.177	-0.006	100	30639	40.0	40.5	
40 2-Chloro-1,3-butadiene	88	3.189	3.195	-0.006	90	66605	20.0	18.5	
41 Tert-butyl ethyl ether	59	3.415	3.421	-0.006	88	220886	20.0	16.8	
* 42 2-Butanone-d5	46	3.585	3.592	-0.007	94	363724	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	67	28440	20.0	20.1	
44 cis-1,2-Dichloroethene	96	3.616	3.622	-0.006	98	87245	20.0	18.6	
45 2-Butanone (MEK)	72	3.640	3.646	-0.006	96	43605	100.0	99.2	
46 Ethyl acetate	70	3.646	3.652	-0.006	95	15208	40.0	39.1	
47 Methyl acrylate	55	3.689	3.695	-0.006	100	56873	20.0	15.3	
48 Propionitrile	54	3.756	3.762	-0.006	99	113937	200.0	201.0	
49 Chlorobromomethane	128	3.817	3.823	-0.006	88	44835	20.0	20.1	
50 Tetrahydrofuran	72	3.829	3.829	0.000	91	19841	40.0	41.2	
51 Methacrylonitrile	67	3.848	3.854	-0.006	92	307088	200.0	179.7	
52 Chloroform	83	3.872	3.878	-0.006	98	137494	20.0	19.5	
53 Cyclohexane	84	3.988	3.988	0.000	90	120874	20.0	18.3	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	98	120405	20.0	19.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	158488	50.0	48.1	
56 Carbon tetrachloride	117	4.110	4.110	0.000	98	99751	20.0	18.7	
57 1,1-Dichloropropene	75	4.134	4.140	-0.006	96	96245	20.0	17.5	
58 Isobutyl alcohol	43	4.280	4.280	0.000	92	118711	500.0	406.0	a
59 Isooctane	57	4.299	4.305	-0.006	98	278715	20.0	16.3	
60 Benzene	78	4.317	4.323	-0.006	97	298541	20.0	18.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	97	167652	50.0	44.5	
62 Tert-amyl methyl ether	73	4.390	4.396	-0.006	94	253490	20.0	18.3	
63 Isopropyl acetate	61	4.396	4.402	-0.006	94	36382	20.0	16.0	
64 1,2-Dichloroethane	62	4.408	4.408	0.000	98	92376	20.0	18.1	
65 n-Heptane	100	4.476	4.475	0.001	92	19494	20.0	18.9	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	655536	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	88	40853	500.0	319.5	
68 Trichloroethene	95	4.921	4.921	0.000	99	72926	20.0	18.2	
69 Methylcyclohexane	83	5.036	5.036	0.000	95	134411	20.0	17.7	
70 Ethyl acrylate	99	5.055	5.049	0.006	97	11392	20.0	17.0	a
71 1,2-Dichloropropane	63	5.189	5.195	-0.006	91	73922	20.0	17.6	
* 72 1,4-Dioxane-d8	96	5.262	5.250	0.012	87	30991	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	87	33297	40.0	34.2	
74 Dibromomethane	93	5.311	5.311	0.000	96	47854	20.0	18.1	
75 1,4-Dioxane	88	5.311	5.311	0.000	40	17241	400.0	406.4	
76 n-Propyl acetate	43	5.347	5.347	0.000	98	90934	20.0	14.8	
77 Dichlorobromomethane	83	5.463	5.463	0.000	99	95338	20.0	17.5	
78 2-Nitropropane	41	5.792	5.792	0.000	81	30760	40.0	29.1	
79 2-Chloroethyl vinyl ether	63	5.798	5.798	0.000	88	39009	20.0	14.7	
80 Epichlorohydrin	57	5.890	5.896	-0.006	99	144033	400.0	388.8	
81 cis-1,3-Dichloropropene	75	5.945	5.939	0.006	92	113561	20.0	16.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.115	6.115	0.000	96	340685	100.0	94.5	
\$ 83 Toluene-d8 (Surr)	98	6.170	6.176	-0.006	99	541500	50.0	45.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.243	6.250	-0.007	93	291823	20.0	18.5	
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	97	94948	20.0	15.8	
86 Ethyl methacrylate	69	6.646	6.646	0.000	89	74198	20.0	14.2	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	97	54362	20.0	17.4	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	72924	20.0	19.9	
89 1,3-Dichloropropane	76	6.999	6.999	0.000	93	101949	20.0	17.6	
90 2-Hexanone	43	7.085	7.085	0.000	95	202678	100.0	89.4	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	97439	20.0	14.4	
92 Chlorodibromomethane	129	7.219	7.219	0.000	98	68134	20.0	18.3	
93 Ethylene Dibromide	107	7.359	7.359	0.000	99	63768	20.0	18.2	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	86	463767	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	95	186199	20.0	19.2	
96 Ethylbenzene	106	8.042	8.042	0.000	99	101476	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	8.054	8.060	-0.006	94	77687	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.200	8.206	-0.006	97	121052	20.0	18.4	
99 o-Xylene	106	8.713	8.712	0.001	94	127125	20.0	18.4	
100 n-Butyl acrylate	73	8.737	8.743	-0.006	98	48534	20.0	14.7	
101 Styrene	104	8.755	8.755	0.000	96	187029	20.0	17.3	
102 Bromoform	173	9.005	9.005	0.000	97	48029	20.0	19.0	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	90	118301	20.0	13.4	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	351971	20.0	18.5	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	177382	50.0	50.0	
106 Bromobenzene	156	9.572	9.572	0.000	97	84503	20.0	18.3	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.657	0.007	98	95020	20.0	16.9	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	412343	20.0	16.8	
109 1,2,3-Trichloropropane	110	9.706	9.706	0.000	97	25061	20.0	18.3	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	90	16087	20.0	11.2	
111 2-Chlorotoluene	91	9.792	9.792	0.000	97	274996	20.0	16.9	
112 4-Ethyltoluene	105	9.822	9.822	0.000	99	335612	20.0	17.4	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	93	288473	20.0	17.0	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	264406	20.0	17.1	
115 Butyl Methacrylate	87	10.048	10.048	0.000	90	58291	20.0	9.75	
116 tert-Butylbenzene	119	10.224	10.224	0.000	94	237242	20.0	17.1	
117 1,2,4-Trimethylbenzene	105	10.291	10.291	0.000	98	294922	20.0	16.8	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	385985	20.0	16.8	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	97	165769	20.0	18.3	
120 4-Isopropyltoluene	119	10.602	10.602	0.000	98	325092	20.0	17.1	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	258105	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.675	0.001	96	168184	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	313531	20.0	17.2	
124 Benzyl chloride	91	10.822	10.822	0.000	99	161619	20.0	14.6	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	94	296956	20.0	17.8	
126 p-Diethylbenzene	119	10.962	10.962	0.000	93	173153	20.0	17.1	
127 n-Butylbenzene	92	10.986	10.986	0.000	98	178065	20.0	16.4	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	166256	20.0	19.1	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	315757	20.0	15.7	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.730	-0.006	95	19527	20.0	15.6	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	98	153503	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	143911	20.0	17.6	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	97	64906	20.0	17.5	
134 Naphthalene	128	12.541	12.541	0.000	99	306547	20.0	16.4	
135 1,2,3-Trichlorobenzene	180	12.724	12.724	0.000	95	128379	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.3	
S 137 Xylenes, Total	100				0		40.0	36.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	32.5	
S 140 Total BTEX	1				0		100.0	92.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00131

Amount Added: 20.00

Units: uL

524freon_00031

Amount Added: 20.00

Units: uL

ACROLEIN W_00118

Amount Added: 4.00

Units: uL

GASES Li_00401

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135615.D

Injection Date: 04-Jan-2021 06:57:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

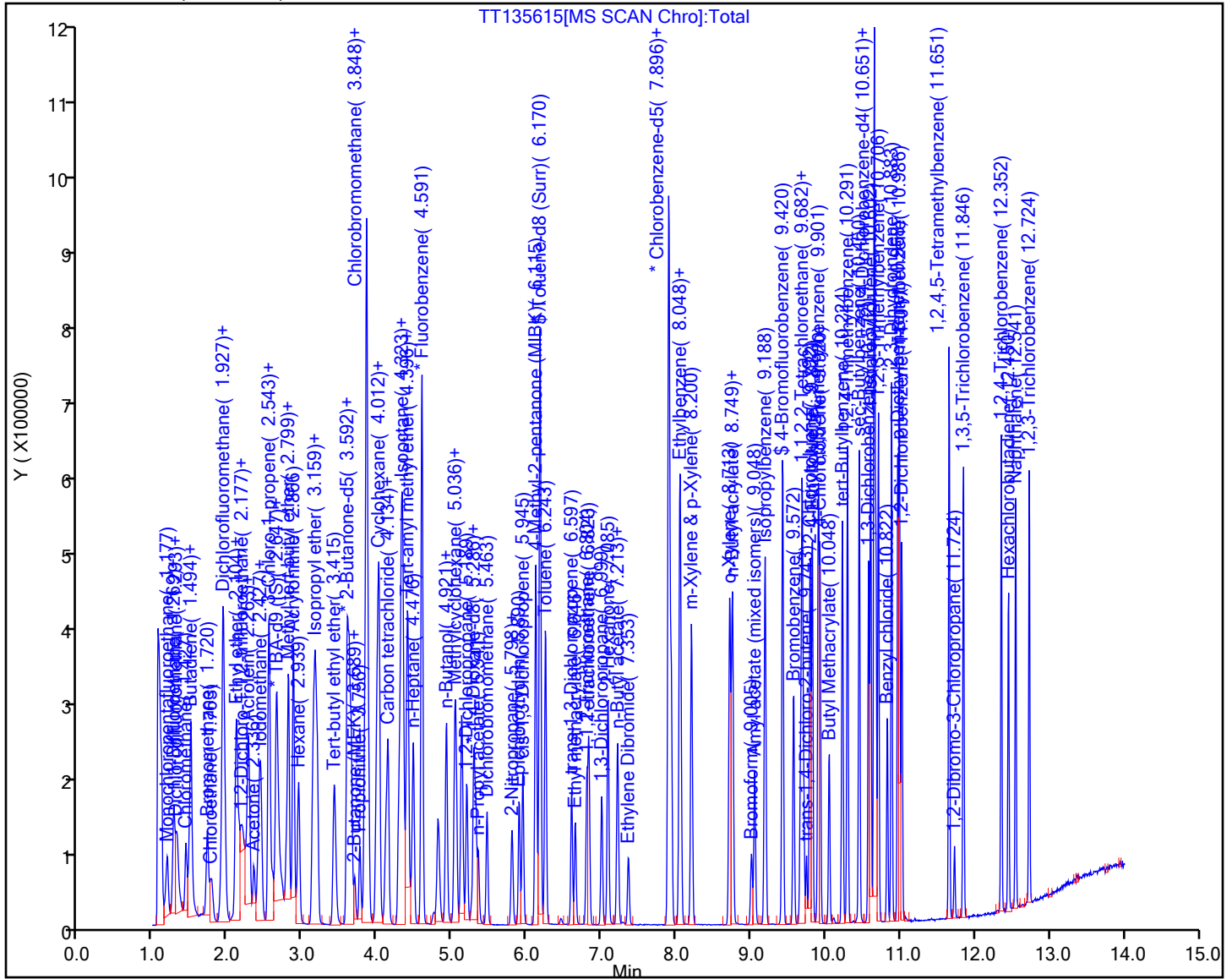
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-750920/5
 Matrix: Water Lab File ID: TT135645.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 18:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.8		1.0	0.31
79-00-5	1,1,2-Trichloroethane	15.9		1.0	0.20
75-34-3	1,1-Dichloroethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	17.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	14.3		1.0	0.38
106-93-4	Ethylene Dibromide	16.8		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.3		1.0	0.21
107-06-2	1,2-Dichloroethane	17.6		1.0	0.43
78-87-5	1,2-Dichloropropane	16.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	17.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	17.8		1.0	0.33
78-93-3	2-Butanone (MEK)	85.1		5.0	1.9
591-78-6	2-Hexanone	81.7		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	83.5		5.0	1.3
67-64-1	Acetone	83.1		5.0	4.4
71-43-2	Benzene	17.7		1.0	0.20
74-97-5	Chlorobromomethane	19.1		1.0	0.41
75-27-4	Dichlorobromomethane	16.5		1.0	0.34
75-25-2	Bromoform	17.2		1.0	0.54
74-83-9	Bromomethane	24.9		1.0	0.55
75-15-0	Carbon disulfide	17.7		1.0	0.82
56-23-5	Carbon tetrachloride	17.9		1.0	0.21
108-90-7	Chlorobenzene	18.2		1.0	0.38
75-00-3	Chloroethane	22.8		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	16.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	15.8		1.0	0.22
110-82-7	Cyclohexane	16.1		1.0	0.32
124-48-1	Chlorodibromomethane	16.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-750920/5
 Matrix: Water Lab File ID: TT135645.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 18:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	17.7		1.0	0.30
98-82-8	Isopropylbenzene	17.5		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	17.5		1.0	0.30
79-20-9	Methyl acetate	31.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.2		1.0	0.22
108-87-2	Methylcyclohexane	15.2		1.0	0.71
75-09-2	Methylene Chloride	17.7		1.0	0.32
95-47-6	o-Xylene	17.5		1.0	0.36
100-42-5	Styrene	16.5		1.0	0.42
127-18-4	Tetrachloroethene	19.2		1.0	0.25
108-88-3	Toluene	17.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.4		1.0	0.22
79-01-6	Trichloroethene	17.4		1.0	0.31
75-69-4	Trichlorofluoromethane	17.6		1.0	0.32
75-01-4	Vinyl chloride	16.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
2037-26-5	Toluene-d8 (Surr)	93		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135645.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 04-Jan-2021 18:17:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0122467-005
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:47:41 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: desais

Date: 05-Jan-2021 06:43:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.214	1.208	0.006	70	3659	20.0	7.50	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	98	83328	20.0	15.0	
3 Chlorotrifluoroethene	116	1.275	1.281	-0.006	58	27096	20.0	15.3	
4 Dichlorodifluoromethane	85	1.299	1.306	-0.007	90	102541	20.0	15.3	
5 Chlorodifluoromethane	51	1.312	1.312	0.000	100	101385	20.0	16.5	
6 Chloromethane	50	1.433	1.434	-0.001	98	122397	20.0	16.9	
8 Butadiene	54	1.501	1.494	0.007	94	96852	20.0	15.2	
7 Vinyl chloride	62	1.507	1.507	0.000	98	118669	20.0	16.8	
9 Bromomethane	94	1.720	1.720	0.000	97	88923	20.0	24.9	
10 Chloroethane	64	1.775	1.775	0.000	100	63370	20.0	22.8	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	98	158757	20.0	18.3	
12 Trichlorofluoromethane	101	1.933	1.933	0.000	71	115009	20.0	17.6	
13 Pentane	72	1.939	1.940	-0.001	96	21933	40.0	29.7	
14 Ethanol	46	2.080	2.080	0.000	89	9476	800.0	510.7	
15 Ethyl ether	74	2.098	2.098	0.000	91	38136	20.0	16.5	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	55797	20.0	14.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.147	0.000	88	62252	20.0	17.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.196	0.006	96	101580	20.0	17.4	a
19 Acrolein	56	2.244	2.244	0.000	92	12635	40.0	28.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.256	2.263	-0.007	93	62150	20.0	16.8	
21 1,1-Dichloroethene	96	2.275	2.275	0.000	99	66848	20.0	17.6	
22 Acetone	43	2.348	2.348	0.000	87	85942	100.0	83.1	
23 Iodomethane	142	2.403	2.403	0.000	98	130388	20.0	19.5	
25 Isopropyl alcohol	45	2.421	2.421	0.000	36	37332	200.0	154.0	
24 Carbon disulfide	76	2.433	2.433	0.000	99	282349	20.0	17.7	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	90	41113	20.0	17.1	
27 Methyl acetate	43	2.549	2.549	0.000	75	93785	40.0	31.3	
28 Cyclopentene	67	2.555	2.555	0.000	91	159468	20.0	16.2	
29 Acetonitrile	40	2.598	2.598	0.000	96	48661	200.0	155.3	a
* 31 TBA-d9 (IS)	66	2.659	2.647	0.012	98	42579	1000.0	1000.0	
30 Methylene Chloride	84	2.653	2.653	0.000	92	81538	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.714	2.708	0.006	94	55960	200.0	160.8	
33 Methyl tert-butyl ether	73	2.793	2.793	0.000	97	175557	20.0	17.2	
34 trans-1,2-Dichloroethene	96	2.811	2.811	0.000	96	70026	20.0	18.1	
35 Acrylonitrile	53	2.872	2.872	0.000	96	252019	200.0	157.0	
36 Hexane	57	2.939	2.945	-0.006	93	80657	20.0	14.9	
37 Isopropyl ether	45	3.140	3.141	0.000	96	218480	20.0	15.7	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	100	121879	20.0	17.3	
39 Vinyl acetate	86	3.177	3.177	0.000	100	25271	40.0	37.3	
40 2-Chloro-1,3-butadiene	88	3.195	3.195	0.000	90	55954	20.0	17.1	
41 Tert-butyl ethyl ether	59	3.421	3.421	0.000	88	192935	20.0	16.2	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	325898	250.0	250.0	
43 2,2-Dichloropropane	97	3.610	3.604	0.006	68	25012	20.0	19.6	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	76514	20.0	18.1	
45 2-Butanone (MEK)	72	3.646	3.640	0.006	96	33486	100.0	85.1	
46 Ethyl acetate	70	3.653	3.647	0.007	96	12401	40.0	35.6	
47 Methyl acrylate	55	3.695	3.695	0.000	99	50295	20.0	14.9	
48 Propionitrile	54	3.762	3.762	0.000	98	90620	200.0	186.6	
49 Chlorobromomethane	128	3.823	3.823	0.000	86	38642	20.0	19.1	
50 Tetrahydrofuran	72	3.835	3.829	0.006	64	15805	40.0	36.6	
51 Methacrylonitrile	67	3.854	3.854	0.000	92	252112	200.0	162.9	
52 Chloroform	83	3.878	3.878	0.000	99	118146	20.0	18.5	
53 Cyclohexane	84	3.994	3.988	0.006	93	96392	20.0	16.1	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	98	107808	20.0	18.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.024	4.018	0.006	97	146958	50.0	49.2	
56 Carbon tetrachloride	117	4.116	4.116	0.000	98	86623	20.0	17.9	
57 1,1-Dichloropropene	75	4.140	4.140	0.000	97	83664	20.0	16.8	
58 Isobutyl alcohol	43	4.287	4.293	-0.006	95	93144	500.0	371.9	
59 Isooctane	57	4.305	4.305	0.000	99	217587	20.0	14.0	
60 Benzene	78	4.323	4.323	0.000	97	259550	20.0	17.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.341	4.341	0.000	96	162457	50.0	47.6	
62 Tert-amyl methyl ether	73	4.396	4.396	0.000	86	217627	20.0	17.3	
63 Isopropyl acetate	61	4.402	4.402	0.000	95	31227	20.0	15.1	
64 1,2-Dichloroethane	62	4.408	4.409	-0.001	99	81274	20.0	17.6	
65 n-Heptane	100	4.476	4.482	-0.006	95	13800	20.0	14.8	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	593618	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	89	32571	500.0	297.3	
68 Trichloroethene	95	4.921	4.921	0.000	98	63102	20.0	17.4	
69 Methylcyclohexane	83	5.036	5.036	0.000	96	104618	20.0	15.2	a
70 Ethyl acrylate	99	5.061	5.049	0.012	98	8577	20.0	14.1	a
71 1,2-Dichloropropane	63	5.195	5.195	0.000	91	64135	20.0	16.9	
* 72 1,4-Dioxane-d8	96	5.256	5.262	-0.006	90	27561	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	89	26578	40.0	30.2	
75 1,4-Dioxane	88	5.311	5.317	-0.006	40	12677	400.0	336.0	
74 Dibromomethane	93	5.317	5.317	0.000	95	39816	20.0	16.7	
76 n-Propyl acetate	43	5.347	5.347	0.000	99	72156	20.0	12.9	
77 Dichlorobromomethane	83	5.463	5.463	0.000	100	81393	20.0	16.5	
78 2-Nitropropane	41	5.792	5.792	0.000	85	25708	40.0	26.8	
79 2-Chloroethyl vinyl ether	63	5.805	5.805	0.000	88	34422	20.0	14.4	
80 Epichlorohydrin	57	5.896	5.896	0.000	99	106492	400.0	320.8	
81 cis-1,3-Dichloropropene	75	5.945	5.945	0.000	92	96832	20.0	15.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.115	6.116	-0.001	97	269940	100.0	83.5	
\$ 83 Toluene-d8 (Surr)	98	6.176	6.177	0.000	98	497957	50.0	46.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.250	6.250	0.000	94	244233	20.0	17.2	
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	97	83857	20.0	15.4	
86 Ethyl methacrylate	69	6.646	6.646	0.000	89	62078	20.0	13.2	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	96	44930	20.0	15.9	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	63575	20.0	19.2	
89 1,3-Dichloropropane	76	6.999	7.000	-0.001	95	83870	20.0	16.1	
90 2-Hexanone	43	7.085	7.085	0.000	96	165956	100.0	81.7	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	79487	20.0	13.1	
92 Chlorodibromomethane	129	7.219	7.219	0.000	97	56354	20.0	16.8	
93 Ethylene Dibromide	107	7.359	7.359	0.000	98	53146	20.0	16.8	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	88	418558	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	94	159626	20.0	18.2	
96 Ethylbenzene	106	8.042	8.042	0.000	99	85825	20.0	17.7	
97 1,1,1,2-Tetrachloroethane	131	8.054	8.060	-0.006	94	65142	20.0	18.3	
98 m-Xylene & p-Xylene	106	8.207	8.207	0.000	97	104296	20.0	17.5	
99 o-Xylene	106	8.713	8.713	0.000	94	109025	20.0	17.5	
100 n-Butyl acrylate	73	8.743	8.743	0.000	98	38944	20.0	13.0	
101 Styrene	104	8.755	8.755	0.000	95	161215	20.0	16.5	
102 Bromoform	173	9.005	9.005	0.000	97	39299	20.0	17.2	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	91	96191	20.0	12.0	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	300549	20.0	17.5	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	163322	50.0	51.0	
106 Bromobenzene	156	9.572	9.572	0.000	96	71930	20.0	17.2	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.664	0.000	98	76260	20.0	15.0	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	353330	20.0	15.9	
109 1,2,3-Trichloropropane	110	9.706	9.700	0.006	96	21541	20.0	17.4	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	89	14587	20.0	11.3	
111 2-Chlorotoluene	91	9.792	9.792	0.000	96	238058	20.0	16.2	
112 4-Ethyltoluene	105	9.816	9.822	-0.006	98	288262	20.0	16.5	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	93	245371	20.0	16.0	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	228861	20.0	16.4	
115 Butyl Methacrylate	87	10.048	10.048	0.000	91	49177	20.0	9.08	
116 tert-Butylbenzene	119	10.224	10.224	0.000	94	198730	20.0	15.8	
117 1,2,4-Trimethylbenzene	105	10.291	10.292	-0.001	98	254920	20.0	16.0	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	322839	20.0	15.5	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	96	142100	20.0	17.4	
120 4-Isopropyltoluene	119	10.602	10.602	0.000	98	273902	20.0	15.9	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	233607	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.669	10.676	-0.007	96	141400	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	272812	20.0	16.5	
124 Benzyl chloride	91	10.822	10.822	0.000	99	130489	20.0	13.0	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	95	251090	20.0	16.6	
126 p-Diethylbenzene	119	10.962	10.962	0.000	93	146596	20.0	16.0	
127 n-Butylbenzene	92	10.986	10.987	-0.001	98	151072	20.0	15.4	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	143592	20.0	18.3	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	263451	20.0	14.4	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.724	0.000	97	16194	20.0	14.3	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	97	128501	20.0	16.8	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	123821	20.0	16.7	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	95	54049	20.0	16.1	
134 Naphthalene	128	12.547	12.547	0.000	99	251537	20.0	14.9	
135 1,2,3-Trichlorobenzene	180	12.724	12.730	-0.006	96	111300	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.2	
S 137 Xylenes, Total	100				0		40.0	35.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	31.2	
S 140 Total BTEX	1				0		100.0	87.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131

Amount Added: 20.00

Units: uL

524freon_00031

Amount Added: 20.00

Units: uL

ACROLEIN W_00118

Amount Added: 4.00

Units: uL

GASES Li_00401

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135645.D

Injection Date: 04-Jan-2021 18:17:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

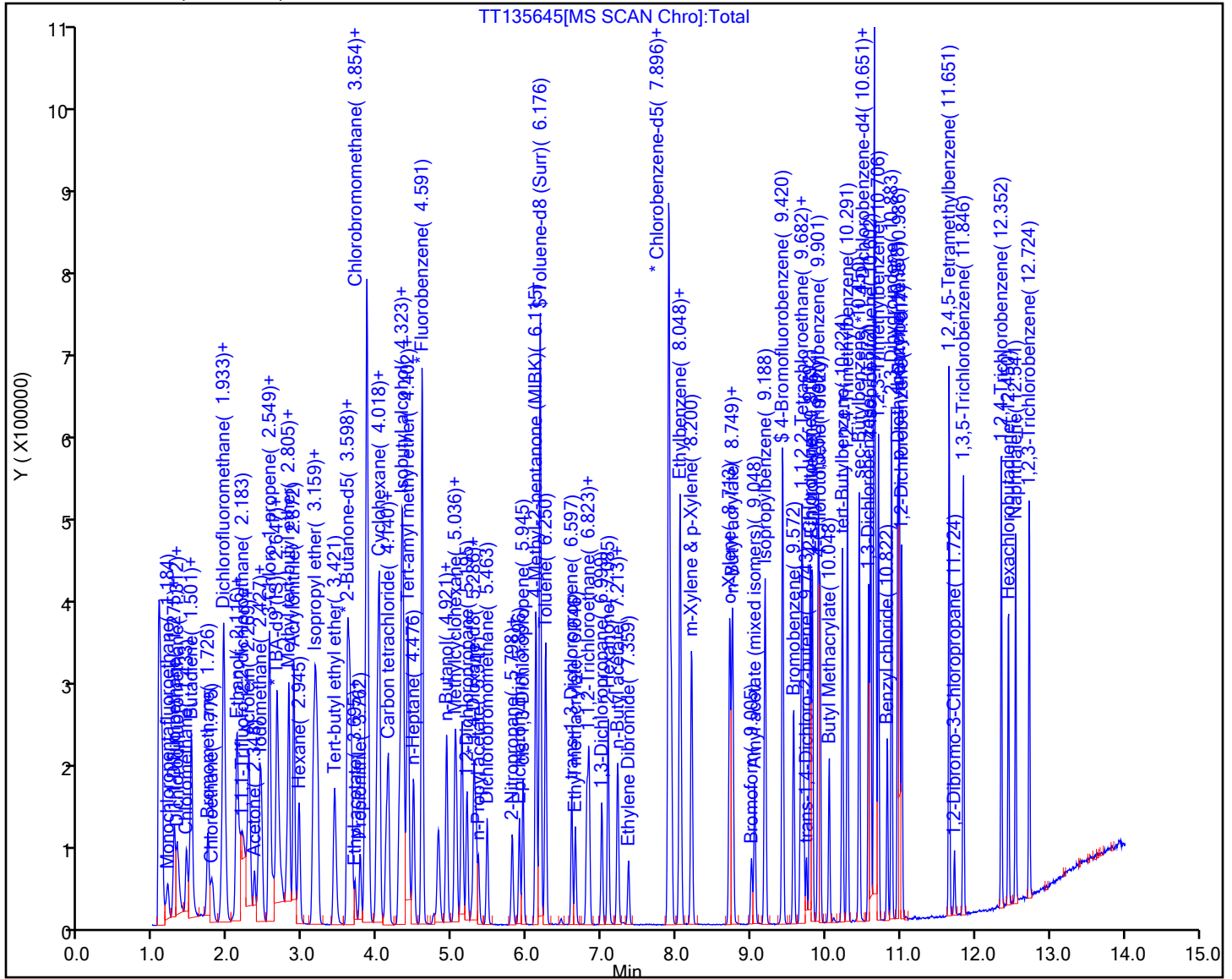
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135645.D

Injection Date: 04-Jan-2021 18:17:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

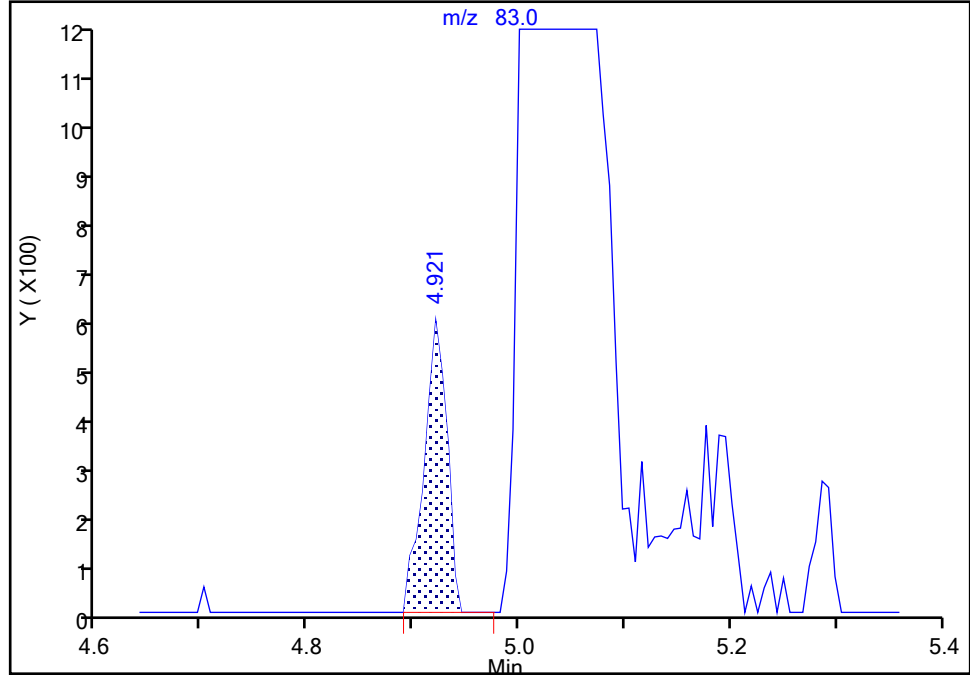
Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

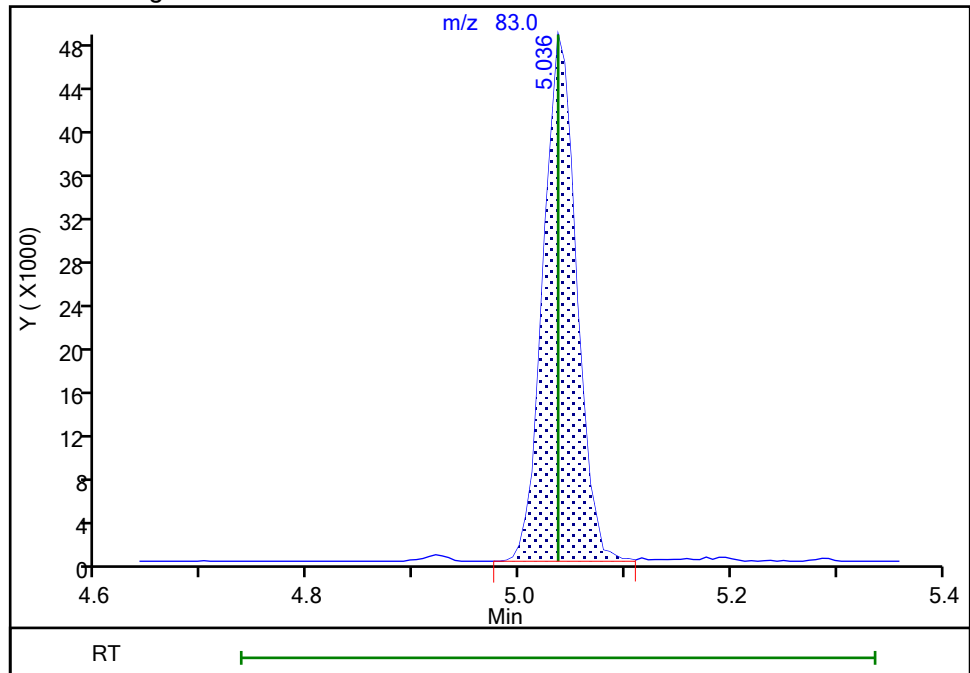
RT: 4.92
Area: 895
Amount: 0.129817
Amount Units: ug/l

Processing Integration Results



RT: 5.04
Area: 104618
Amount: 15.174530
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 04-Jan-2021 18:50:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-750920/6

Matrix: Water Lab File ID: TT135646.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 18:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.6		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	16.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	16.6		1.0	0.20
75-34-3	1,1-Dichloroethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	16.9		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.8		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		1.0	0.38
106-93-4	Ethylene Dibromide	17.0		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.2		1.0	0.21
107-06-2	1,2-Dichloroethane	17.8		1.0	0.43
78-87-5	1,2-Dichloropropane	16.6		1.0	0.35
541-73-1	1,3-Dichlorobenzene	17.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.0		1.0	0.33
78-93-3	2-Butanone (MEK)	88.2		5.0	1.9
591-78-6	2-Hexanone	84.4		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	90.1		5.0	1.3
67-64-1	Acetone	89.0		5.0	4.4
71-43-2	Benzene	17.0		1.0	0.20
74-97-5	Chlorobromomethane	19.1		1.0	0.41
75-27-4	Dichlorobromomethane	16.8		1.0	0.34
75-25-2	Bromoform	17.4		1.0	0.54
74-83-9	Bromomethane	24.8		1.0	0.55
75-15-0	Carbon disulfide	16.9		1.0	0.82
56-23-5	Carbon tetrachloride	17.1		1.0	0.21
108-90-7	Chlorobenzene	18.1		1.0	0.38
75-00-3	Chloroethane	22.9		1.0	0.32
67-66-3	Chloroform	18.7		1.0	0.33
74-87-3	Chloromethane	15.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	15.7		1.0	0.22
110-82-7	Cyclohexane	15.9		1.0	0.32
124-48-1	Chlorodibromomethane	17.5		1.0	0.28
75-71-8	Dichlorodifluoromethane	15.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-750920/6
 Matrix: Water Lab File ID: TT135646.D
 Analysis Method: 8260D Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 18:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750920 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	17.8		1.0	0.30
98-82-8	Isopropylbenzene	16.8		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	17.3		1.0	0.30
79-20-9	Methyl acetate	31.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	17.8		1.0	0.22
108-87-2	Methylcyclohexane	14.6		1.0	0.71
75-09-2	Methylene Chloride	18.3		1.0	0.32
95-47-6	o-Xylene	17.1		1.0	0.36
100-42-5	Styrene	16.6		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	17.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.5		1.0	0.22
79-01-6	Trichloroethene	17.0		1.0	0.31
75-69-4	Trichlorofluoromethane	17.2		1.0	0.32
75-01-4	Vinyl chloride	16.2		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135646.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 04-Jan-2021 18:38:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0122467-006
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 06:47:41 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1668

First Level Reviewer: parekhv

Date: 04-Jan-2021 20:03:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.208	-0.006	65	2627	20.0	5.53	a
2 1,1-Difluoroethane	51	1.263	1.269	-0.006	96	74411	20.0	13.8	
3 Chlorotrifluoroethene	116	1.269	1.281	-0.012	52	26917	20.0	15.6	
4 Dichlorodifluoromethane	85	1.287	1.306	-0.019	99	100512	20.0	15.4	
5 Chlorodifluoromethane	51	1.306	1.312	-0.006	100	104187	20.0	17.4	
6 Chloromethane	50	1.421	1.434	-0.013	99	110288	20.0	15.6	
8 Butadiene	54	1.488	1.494	-0.006	95	92655	20.0	14.9	
7 Vinyl chloride	62	1.495	1.507	-0.013	99	111764	20.0	16.2	
9 Bromomethane	94	1.714	1.720	-0.006	97	84460	20.0	24.8	
10 Chloroethane	64	1.763	1.775	-0.012	100	60782	20.0	22.9	
11 Dichlorofluoromethane	67	1.915	1.927	-0.012	98	150183	20.0	17.8	
12 Trichlorofluoromethane	101	1.927	1.933	-0.006	62	109183	20.0	17.2	
13 Pentane	72	1.933	1.940	-0.007	96	19402	40.0	27.0	
14 Ethanol	46	2.074	2.080	-0.006	91	13387	800.0	693.4	
15 Ethyl ether	74	2.092	2.098	-0.006	95	36460	20.0	16.2	
16 2-Methyl-1,3-butadiene	53	2.110	2.116	-0.006	97	52562	20.0	14.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.141	2.147	-0.006	87	60144	20.0	17.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.189	2.196	-0.007	97	97417	20.0	17.2	a
19 Acrolein	56	2.232	2.244	-0.012	94	12321	40.0	27.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.257	2.263	-0.006	90	59523	20.0	16.5	
21 1,1-Dichloroethene	96	2.269	2.275	-0.006	97	62410	20.0	16.9	
22 Acetone	43	2.342	2.348	-0.006	87	87804	100.0	89.0	
23 Iodomethane	142	2.397	2.403	-0.006	98	124530	20.0	19.1	
25 Isopropyl alcohol	45	2.421	2.421	0.000	36	38100	200.0	151.1	
24 Carbon disulfide	76	2.427	2.433	-0.006	99	263769	20.0	16.9	
26 3-Chloro-1-propene	76	2.531	2.537	-0.006	91	37833	20.0	16.2	
27 Methyl acetate	43	2.543	2.549	-0.006	74	91505	40.0	31.4	
28 Cyclopentene	67	2.549	2.555	-0.006	90	151707	20.0	15.8	
29 Acetonitrile	40	2.592	2.598	-0.006	99	52900	200.0	176.9	
* 31 TBA-d9 (IS)	66	2.653	2.647	0.006	99	44300	1000.0	1000.0	a
30 Methylene Chloride	84	2.647	2.653	-0.006	88	81733	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
32 2-Methyl-2-propanol	59	2.708	2.708	0.000	98	58206	200.0	160.8	
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	97	176940	20.0	17.8	
34 trans-1,2-Dichloroethene	96	2.805	2.811	-0.006	96	66449	20.0	17.7	
35 Acrylonitrile	53	2.866	2.872	-0.006	96	260605	200.0	166.7	
36 Hexane	57	2.939	2.945	-0.006	92	74574	20.0	14.2	
37 Isopropyl ether	45	3.134	3.141	-0.006	97	212417	20.0	15.7	
38 1,1-Dichloroethane	63	3.153	3.159	-0.006	99	118672	20.0	17.3	
39 Vinyl acetate	86	3.171	3.177	-0.006	100	25507	40.0	39.4	
40 2-Chloro-1,3-butadiene	88	3.189	3.195	-0.006	91	52255	20.0	16.4	
41 Tert-butyl ethyl ether	59	3.415	3.421	-0.006	87	194564	20.0	16.7	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	311143	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	66	22432	20.0	18.0	
44 cis-1,2-Dichloroethene	96	3.616	3.622	-0.006	98	72819	20.0	17.6	
45 2-Butanone (MEK)	72	3.634	3.640	-0.006	97	33166	100.0	88.2	
46 Ethyl acetate	70	3.647	3.647	0.001	96	13115	40.0	39.4	
47 Methyl acrylate	55	3.689	3.695	-0.006	99	50816	20.0	15.5	
48 Propionitrile	54	3.756	3.762	-0.006	98	90562	200.0	179.2	
49 Chlorobromomethane	128	3.823	3.823	0.000	83	37519	20.0	19.1	
50 Tetrahydrofuran	72	3.829	3.829	0.000	89	15298	40.0	37.2	
51 Methacrylonitrile	67	3.848	3.854	-0.006	93	258355	200.0	171.5	
52 Chloroform	83	3.872	3.878	-0.006	99	115943	20.0	18.7	
53 Cyclohexane	84	3.982	3.988	-0.006	91	93090	20.0	15.9	
54 1,1,1-Trichloroethane	97	4.000	4.006	-0.006	99	102896	20.0	18.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	142445	50.0	49.0	
56 Carbon tetrachloride	117	4.110	4.116	-0.006	99	80350	20.0	17.1	
57 1,1-Dichloropropene	75	4.134	4.140	-0.006	97	78580	20.0	16.2	
58 Isobutyl alcohol	43	4.281	4.293	-0.012	93	94524	500.0	362.7	a
59 Isooctane	57	4.299	4.305	-0.006	99	199117	20.0	13.2	a
60 Benzene	78	4.317	4.323	-0.006	98	243011	20.0	17.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.341	-0.006	96	156997	50.0	47.3	
62 Tert-amyl methyl ether	73	4.390	4.396	-0.006	80	216107	20.0	17.7	
63 Isopropyl acetate	61	4.396	4.402	-0.006	92	29892	20.0	14.9	
64 1,2-Dichloroethane	62	4.409	4.409	0.000	96	80283	20.0	17.8	
65 n-Heptane	100	4.476	4.482	-0.006	92	13790	20.0	15.2	
* 66 Fluorobenzene	96	4.591	4.591	0.000	99	577912	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	67	34239	500.0	300.4	
68 Trichloroethene	95	4.921	4.921	0.000	98	59890	20.0	17.0	
69 Methylcyclohexane	83	5.030	5.036	-0.006	95	98308	20.0	14.6	a
70 Ethyl acrylate	99	5.055	5.049	0.006	97	7770	20.0	13.2	
71 1,2-Dichloropropane	63	5.195	5.195	0.000	89	61300	20.0	16.6	
* 72 1,4-Dioxane-d8	96	5.256	5.262	-0.006	89	26347	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	89	27593	40.0	32.2	
75 1,4-Dioxane	88	5.311	5.317	-0.006	40	12430	400.0	344.6	
74 Dibromomethane	93	5.311	5.317	-0.006	97	39138	20.0	16.8	
76 n-Propyl acetate	43	5.347	5.347	0.000	99	73147	20.0	13.5	
77 Dichlorobromomethane	83	5.463	5.463	0.000	100	80843	20.0	16.8	
78 2-Nitropropane	41	5.786	5.792	-0.006	89	25372	40.0	27.2	
79 2-Chloroethyl vinyl ether	63	5.799	5.805	-0.006	89	33577	20.0	14.4	
80 Epichlorohydrin	57	5.896	5.896	0.000	99	107581	400.0	339.5	
81 cis-1,3-Dichloropropene	75	5.945	5.945	0.000	92	93755	20.0	15.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.116	0.000	97	278000	100.0	90.1	
\$ 83 Toluene-d8 (Surr)	98	6.170	6.177	-0.006	99	478137	50.0	45.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.244	6.250	-0.006	94	236265	20.0	17.0	
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	97	82405	20.0	15.5	
86 Ethyl methacrylate	69	6.646	6.646	0.000	89	62683	20.0	13.6	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	97	45861	20.0	16.6	
88 Tetrachloroethene	166	6.829	6.829	0.000	98	60428	20.0	18.7	
89 1,3-Dichloropropane	76	7.000	7.000	0.000	94	85381	20.0	16.7	
90 2-Hexanone	43	7.085	7.085	0.000	96	163618	100.0	84.4	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	81702	20.0	13.7	
92 Chlorodibromomethane	129	7.219	7.219	0.000	97	57532	20.0	17.5	
93 Ethylene Dibromide	107	7.359	7.359	0.000	99	52541	20.0	17.0	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	409018	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	94	154949	20.0	18.1	
96 Ethylbenzene	106	8.048	8.042	0.006	98	84289	20.0	17.8	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.060	0.000	95	62747	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.201	8.207	-0.006	96	100766	20.0	17.3	
99 o-Xylene	106	8.713	8.713	0.000	94	104193	20.0	17.1	
100 n-Butyl acrylate	73	8.743	8.743	0.000	97	39162	20.0	13.4	
101 Styrene	104	8.755	8.755	0.000	95	158517	20.0	16.6	
102 Bromoform	173	9.005	9.005	0.000	96	38885	20.0	17.4	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	90	95768	20.0	12.2	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	283189	20.0	16.8	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	157570	50.0	50.4	
106 Bromobenzene	156	9.572	9.572	0.000	97	70834	20.0	17.3	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.664	0.000	99	77188	20.0	15.6	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	333881	20.0	15.4	
109 1,2,3-Trichloropropane	110	9.706	9.700	0.006	97	20792	20.0	17.2	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	91	14958	20.0	11.8	
111 2-Chlorotoluene	91	9.792	9.792	0.000	96	228512	20.0	15.9	
112 4-Ethyltoluene	105	9.822	9.822	0.000	99	269197	20.0	15.8	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	93	236642	20.0	15.8	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	223474	20.0	16.4	
115 Butyl Methacrylate	87	10.048	10.048	0.000	91	49326	20.0	9.32	
116 tert-Butylbenzene	119	10.225	10.224	0.001	94	186367	20.0	15.2	
117 1,2,4-Trimethylbenzene	105	10.292	10.292	0.000	98	244896	20.0	15.8	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	305184	20.0	15.0	
119 1,3-Dichlorobenzene	146	10.578	10.572	0.006	98	137961	20.0	17.2	
120 4-Isopropyltoluene	119	10.602	10.602	0.000	98	259602	20.0	15.4	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	228253	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.676	0.000	96	139485	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	259902	20.0	16.1	
124 Benzyl chloride	91	10.822	10.822	0.000	98	131012	20.0	13.4	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	95	250763	20.0	17.0	
126 p-Diethylbenzene	119	10.962	10.962	0.000	93	139117	20.0	15.5	
127 n-Butylbenzene	92	10.987	10.987	0.000	98	145250	20.0	15.1	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	97	140068	20.0	18.2	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	258139	20.0	14.5	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.724	0.000	94	16668	20.0	15.1	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	97	125288	20.0	16.7	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	94	118985	20.0	16.5	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	96	51551	20.0	15.7	
134 Naphthalene	128	12.547	12.547	0.000	99	251754	20.0	15.2	
135 1,2,3-Trichlorobenzene	180	12.730	12.730	0.000	96	108708	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.3	
S 137 Xylenes, Total	100				0		40.0	34.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	31.2	
S 140 Total BTEX	1				0		100.0	86.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131

Amount Added: 20.00

Units: uL

524freon_00031

Amount Added: 20.00

Units: uL

ACROLEIN W_00118

Amount Added: 4.00

Units: uL

GASES Li_00401

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135646.D

Injection Date: 04-Jan-2021 18:38:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

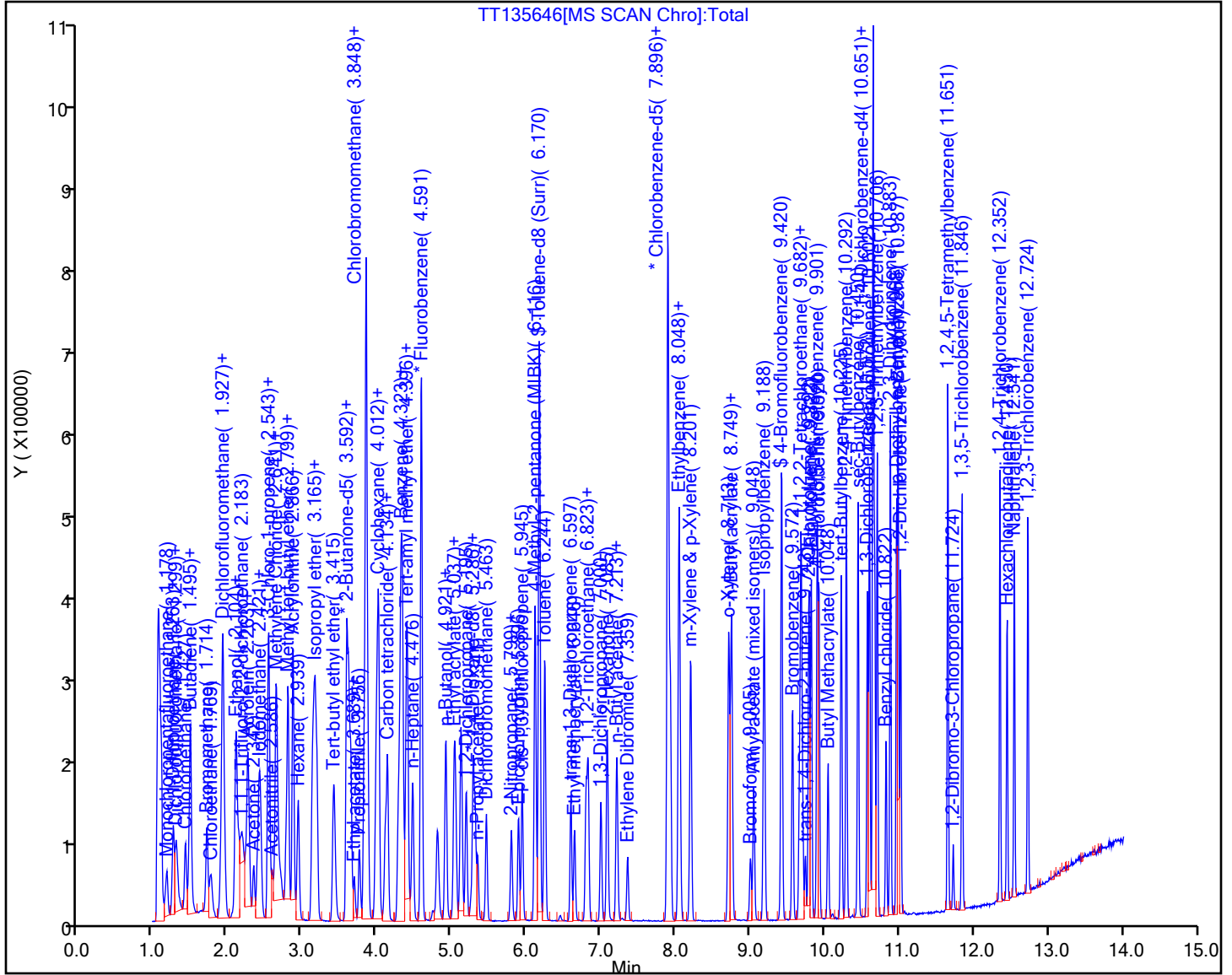
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135646.D

Injection Date: 04-Jan-2021 18:38:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

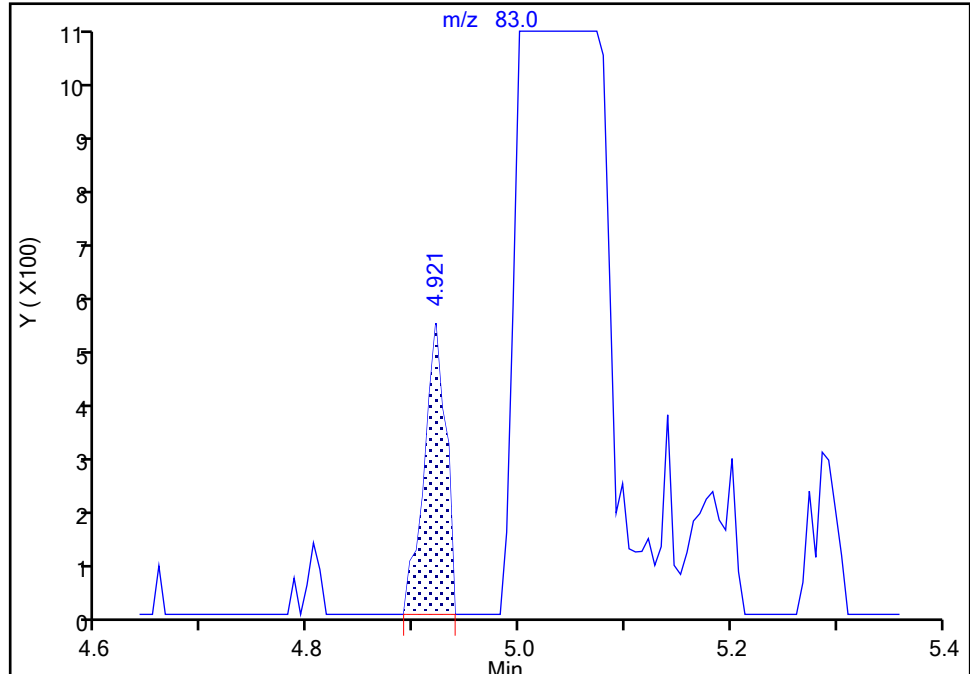
Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

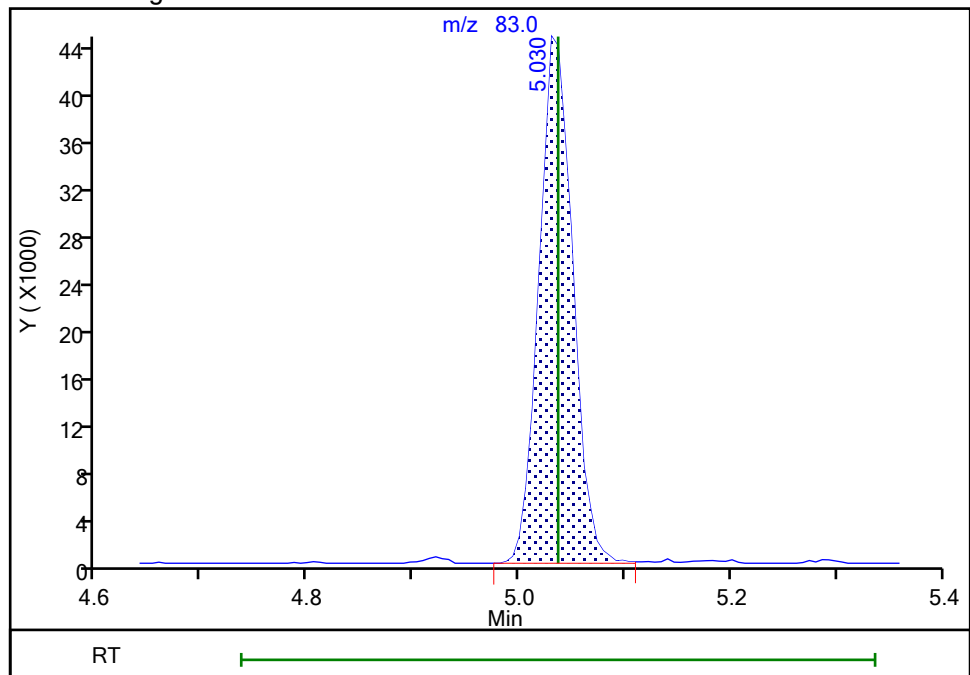
RT: 4.92
Area: 772
Amount: 0.115020
Amount Units: ug/l

Processing Integration Results



RT: 5.03
Area: 98308
Amount: 14.646810
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 04-Jan-2021 20:02:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122467.b\TT135646.D

Injection Date: 04-Jan-2021 18:38:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

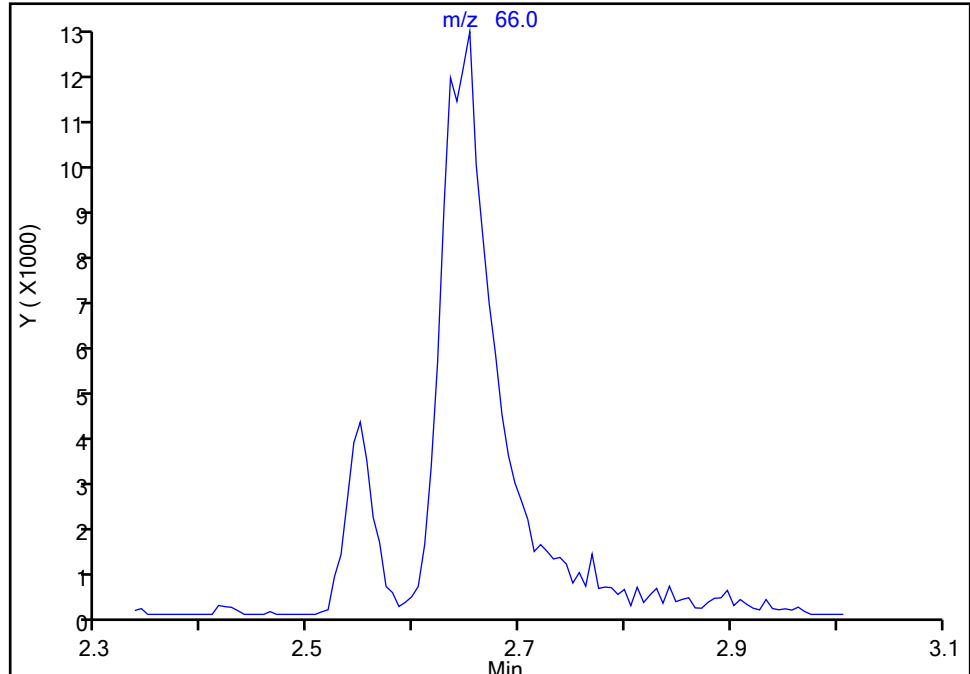
* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

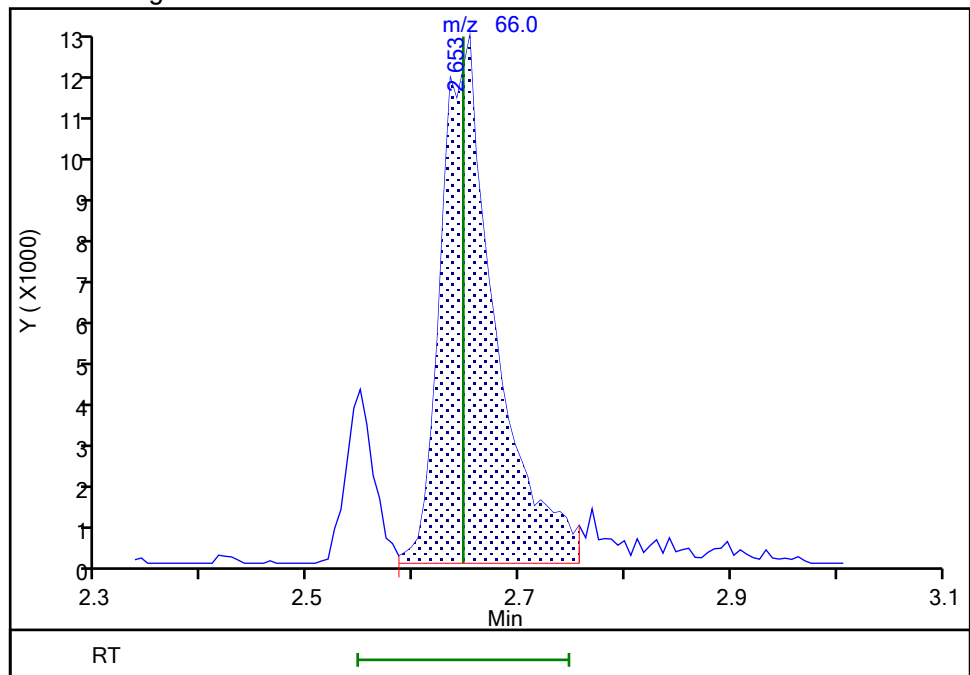
Expected RT: 2.65

Processing Integration Results



RT: 2.65
Area: 44300
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 04-Jan-2021 20:01:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-12 MS Lab Sample ID: 460-225707-2 MS
 Matrix: Water Lab File ID: TT135638.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:03
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 14:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	15.3		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	16.8		1.0	0.20
75-34-3	1,1-Dichloroethane	18.1		1.0	0.26
75-35-4	1,1-Dichloroethene	17.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.3		1.0	0.38
106-93-4	Ethylene Dibromide	16.8		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.7		1.0	0.21
107-06-2	1,2-Dichloroethane	18.9		1.0	0.43
78-87-5	1,2-Dichloropropane	17.1		1.0	0.35
541-73-1	1,3-Dichlorobenzene	17.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.33
78-93-3	2-Butanone (MEK)	90.2		5.0	1.9
591-78-6	2-Hexanone	90.6		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	93.4		5.0	1.3
67-64-1	Acetone	92.3		5.0	4.4
71-43-2	Benzene	18.1		1.0	0.20
74-97-5	Chlorobromomethane	19.2		1.0	0.41
75-27-4	Dichlorobromomethane	17.2		1.0	0.34
75-25-2	Bromoform	18.0		1.0	0.54
74-83-9	Bromomethane	24.7		1.0	0.55
75-15-0	Carbon disulfide	16.5		1.0	0.82
56-23-5	Carbon tetrachloride	19.1		1.0	0.21
108-90-7	Chlorobenzene	18.6		1.0	0.38
75-00-3	Chloroethane	23.0		1.0	0.32
67-66-3	Chloroform	19.8		1.0	0.33
74-87-3	Chloromethane	16.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.2		1.0	0.22
110-82-7	Cyclohexane	17.1		1.0	0.32
124-48-1	Chlorodibromomethane	17.7		1.0	0.28
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-12 MS Lab Sample ID: 460-225707-2 MS
 Matrix: Water Lab File ID: TT135638.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:03
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 14:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.2		1.0	0.30
98-82-8	Isopropylbenzene	17.7		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	17.7		1.0	0.30
79-20-9	Methyl acetate	32.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.22
108-87-2	Methylcyclohexane	16.5		1.0	0.71
75-09-2	Methylene Chloride	19.0		1.0	0.32
95-47-6	o-Xylene	17.6		1.0	0.36
100-42-5	Styrene	16.6		1.0	0.42
127-18-4	Tetrachloroethene	23.0		1.0	0.25
108-88-3	Toluene	17.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	15.5		1.0	0.22
79-01-6	Trichloroethene	17.8		1.0	0.31
75-69-4	Trichlorofluoromethane	19.5		1.0	0.32
75-01-4	Vinyl chloride	16.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135638.D
 Lims ID: 460-225707-B-2 MS
 Client ID: MW-12
 Sample Type: MS
 Inject. Date: 04-Jan-2021 14:51:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-2 MS
 Misc. Info.: 460-0122442-026
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 10:57:15 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1666

First Level Reviewer: parekhv

Date: 04-Jan-2021 17:31:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.208	0.000	64	6143	20.0	14.5	a
2 1,1-Difluoroethane	51	1.269	1.269	0.000	97	79680	20.0	16.5	
3 Chlorotrifluoroethene	116	1.275	1.275	0.000	58	34054	20.0	22.1	
4 Dichlorodifluoromethane	85	1.299	1.299	0.000	98	118627	20.0	20.4	
5 Chlorodifluoromethane	51	1.312	1.311	0.001	99	106080	20.0	19.9	
6 Chloromethane	50	1.434	1.433	0.001	98	106781	20.0	16.9	
8 Butadiene	54	1.501	1.500	0.001	93	76064	20.0	13.7	
7 Vinyl chloride	62	1.507	1.507	0.000	98	103553	20.0	16.8	
9 Bromomethane	94	1.720	1.726	-0.006	99	76330	20.0	24.7	
10 Chloroethane	64	1.775	1.775	0.000	100	55379	20.0	23.0	
11 Dichlorofluoromethane	67	1.927	1.921	0.006	90	138359	20.0	18.3	
12 Trichlorofluoromethane	101	1.927	1.933	-0.006	68	110995	20.0	19.5	
13 Pentane	72	1.940	1.939	0.001	96	19264	40.0	30.0	
14 Ethanol	46	2.092	2.086	0.006	87	5339	800.0	305.5	
15 Ethyl ether	74	2.098	2.098	0.000	90	33136	20.0	16.5	
16 2-Methyl-1,3-butadiene	53	2.116	2.116	0.000	96	47760	20.0	14.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.153	2.147	0.006	95	60472	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.196	2.202	-0.006	95	95698	20.0	18.9	a
19 Acrolein	56	2.244	2.244	0.000	56	13500	40.0	32.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.001	91	60904	20.0	18.9	
21 1,1-Dichloroethene	96	2.275	2.275	0.000	98	58169	20.0	17.6	
22 Acetone	43	2.348	2.348	0.000	88	82627	100.0	92.3	
23 Iodomethane	142	2.403	2.403	0.000	99	114416	20.0	19.6	
25 Isopropyl alcohol	45	2.427	2.421	0.006	38	40822	200.0	178.8	
24 Carbon disulfide	76	2.433	2.433	0.000	100	228785	20.0	16.5	
26 3-Chloro-1-propene	76	2.543	2.537	0.006	90	35186	20.0	16.9	
27 Methyl acetate	43	2.549	2.549	0.000	97	84343	40.0	32.4	
28 Cyclopentene	67	2.555	2.555	0.000	91	143162	20.0	16.7	
29 Acetonitrile	40	2.592	2.604	-0.012	97	46993	200.0	173.2	a
* 31 TBA-d9 (IS)	66	2.647	2.647	0.000	98	40103	1000.0	1000.0	
30 Methylene Chloride	84	2.647	2.653	-0.006	92	75922	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.799	2.708	0.091	35	9450	200.0	28.8	
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	98	190252	20.0	21.4	
34 trans-1,2-Dichloroethene	96	2.811	2.805	0.006	96	63375	20.0	18.9	
35 Acrylonitrile	53	2.872	2.872	0.000	95	232153	200.0	166.3	
36 Hexane	57	2.939	2.939	0.000	94	73982	20.0	15.7	
37 Isopropyl ether	45	3.134	3.134	0.000	97	197586	20.0	16.4	
38 1,1-Dichloroethane	63	3.159	3.159	0.000	99	110645	20.0	18.1	
39 Vinyl acetate	86	3.177	3.177	0.000	100	22994	40.0	39.1	
40 2-Chloro-1,3-butadiene	88	3.195	3.195	0.000	92	48215	20.0	17.0	
41 Tert-butyl ethyl ether	59	3.421	3.421	0.000	89	174489	20.0	16.8	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	282219	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	66	11823	20.0	10.6	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	69269	20.0	18.8	
45 2-Butanone (MEK)	72	3.647	3.646	0.001	96	30737	100.0	90.2	
46 Ethyl acetate	70	3.647	3.652	-0.005	96	10839	40.0	35.9	
47 Methyl acrylate	55	3.695	3.695	0.000	99	46183	20.0	15.8	
48 Propionitrile	54	3.762	3.762	0.000	99	84041	200.0	183.7	
49 Chlorobromomethane	128	3.823	3.823	0.000	86	33697	20.0	19.2	
50 Tetrahydrofuran	72	3.829	3.829	0.000	51	14010	40.0	37.5	
51 Methacrylonitrile	67	3.854	3.854	0.000	93	232043	200.0	172.4	
52 Chloroform	83	3.878	3.878	0.000	99	109767	20.0	19.8	
53 Cyclohexane	84	3.988	3.988	0.000	93	88953	20.0	17.1	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	98	100333	20.0	20.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	131487	50.0	50.7	
56 Carbon tetrachloride	117	4.116	4.110	0.006	98	80076	20.0	19.1	
57 1,1-Dichloropropene	75	4.140	4.140	0.000	97	76916	20.0	17.7	
58 Isobutyl alcohol	43	4.287	4.280	0.007	93	98048	500.0	415.6	a
59 Isooctane	57	4.305	4.305	0.000	99	211405	20.0	15.7	a
60 Benzene	78	4.323	4.323	0.000	97	229015	20.0	18.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.342	4.335	0.007	97	147106	50.0	49.6	
62 Tert-amyl methyl ether	73	4.396	4.396	0.000	79	196320	20.0	18.0	
63 Isopropyl acetate	61	4.403	4.402	0.001	93	28789	20.0	16.0	
64 1,2-Dichloroethane	62	4.409	4.408	0.001	96	76281	20.0	18.9	
65 n-Heptane	100	4.482	4.475	0.007	92	13109	20.0	16.1	
* 66 Fluorobenzene	96	4.592	4.591	0.001	98	516061	50.0	50.0	
67 n-Butanol	56	4.909	4.908	0.001	87	31290	500.0	303.3	
68 Trichloroethene	95	4.921	4.921	0.000	98	55931	20.0	17.8	
69 Methylcyclohexane	83	5.037	5.036	0.001	96	98766	20.0	16.5	
70 Ethyl acrylate	99	5.055	5.049	0.006	97	7693	20.0	14.6	a
71 1,2-Dichloropropane	63	5.195	5.195	0.000	90	56503	20.0	17.1	
* 72 1,4-Dioxane-d8	96	5.256	5.250	0.006	88	23547	1000.0	1000.0	
73 Methyl methacrylate	100	5.293	5.286	0.007	89	23507	40.0	30.7	
74 Dibromomethane	93	5.311	5.311	0.000	96	37041	20.0	17.8	
75 1,4-Dioxane	88	5.311	5.311	0.000	40	10911	400.0	338.5	
76 n-Propyl acetate	43	5.347	5.347	0.000	99	70950	20.0	14.6	
77 Dichlorobromomethane	83	5.463	5.463	0.000	99	73942	20.0	17.2	
78 2-Nitropropane	41	5.793	5.792	0.000	99	23016	40.0	27.6	
80 Epichlorohydrin	57	5.896	5.896	0.000	99	92379	400.0	321.4	
81 cis-1,3-Dichloropropene	75	5.945	5.939	0.006	93	85564	20.0	16.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.115	0.001	97	261353	100.0	93.4	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.176	0.001	99	427788	50.0	46.0	
84 Toluene	91	6.250	6.250	0.000	94	220064	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	98	72826	20.0	15.5	
86 Ethyl methacrylate	69	6.646	6.646	0.000	90	56836	20.0	13.9	
87 1,1,2-Trichloroethane	83	6.805	6.798	0.006	94	41056	20.0	16.8	
88 Tetrachloroethene	166	6.829	6.829	0.000	98	65770	20.0	23.0	
89 1,3-Dichloropropane	76	7.000	6.999	0.001	96	77202	20.0	17.1	
90 2-Hexanone	43	7.085	7.085	0.000	97	159324	100.0	90.6	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	76698	20.0	14.6	
92 Chlorodibromomethane	129	7.219	7.219	0.000	97	51554	20.0	17.7	
93 Ethylene Dibromide	107	7.359	7.359	0.000	99	46173	20.0	16.8	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	87	361964	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	93	141284	20.0	18.6	
96 Ethylbenzene	106	8.048	8.042	0.006	99	76108	20.0	18.2	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.060	0.000	94	59135	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.201	8.206	-0.005	98	90889	20.0	17.7	
99 o-Xylene	106	8.713	8.712	0.001	94	95099	20.0	17.6	
100 n-Butyl acrylate	73	8.743	8.743	0.000	97	35781	20.0	13.9	
101 Styrene	104	8.755	8.755	0.000	96	140493	20.0	16.6	
102 Bromoform	173	9.005	9.005	0.000	96	35471	20.0	18.0	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	91	91869	20.0	13.2	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	262743	20.0	17.7	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	137928	50.0	49.8	
106 Bromobenzene	156	9.572	9.572	0.000	97	63975	20.0	17.6	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.657	0.007	98	67490	20.0	15.3	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	312824	20.0	16.2	
109 1,2,3-Trichloropropane	110	9.706	9.706	0.000	97	19665	20.0	18.3	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	84	13602	20.0	12.1	
111 2-Chlorotoluene	91	9.792	9.792	0.000	97	211673	20.0	16.5	
112 4-Ethyltoluene	105	9.822	9.822	0.000	99	254179	20.0	16.7	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	92	217015	20.0	16.3	
114 4-Chlorotoluene	91	9.926	9.926	0.000	99	206146	20.0	17.0	
115 Butyl Methacrylate	87	10.048	10.048	0.000	92	45724	20.0	9.70	
116 tert-Butylbenzene	119	10.225	10.224	0.001	94	172966	20.0	15.8	
117 1,2,4-Trimethylbenzene	105	10.292	10.291	0.001	98	221636	20.0	16.0	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	294053	20.0	16.3	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	96	125497	20.0	17.6	
120 4-Isopropyltoluene	119	10.603	10.602	0.001	98	244256	20.0	16.3	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	95	203358	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.675	0.001	96	128281	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	242711	20.0	16.9	
124 Benzyl chloride	91	10.828	10.822	0.006	98	113694	20.0	13.1	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	95	225128	20.0	17.1	
126 p-Diethylbenzene	119	10.968	10.962	0.006	91	128749	20.0	16.1	
127 n-Butylbenzene	92	10.987	10.986	0.001	98	135004	20.0	15.8	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	127852	20.0	18.7	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	233417	20.0	14.7	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.730	-0.006	96	15059	20.0	15.3	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	97	113538	20.0	17.0	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	107082	20.0	16.6	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	95	45907	20.0	15.7	
134 Naphthalene	128	12.541	12.541	0.000	99	217825	20.0	14.8	
135 1,2,3-Trichlorobenzene	180	12.730	12.724	0.006	94	95053	20.0	16.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	35.3	
S 138 Total 1,2-dichloroethene	1				0			37.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	31.7	
S 140 Total BTEX	1				0		100.0	89.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131

Amount Added: 20.00

Units: uL

524freon_00031

Amount Added: 20.00

Units: uL

ACROLEIN W_00118

Amount Added: 4.00

Units: uL

GASES Li_00401

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00042

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135638.D

Injection Date: 04-Jan-2021 14:51:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2 MS

Client ID: MW-12

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

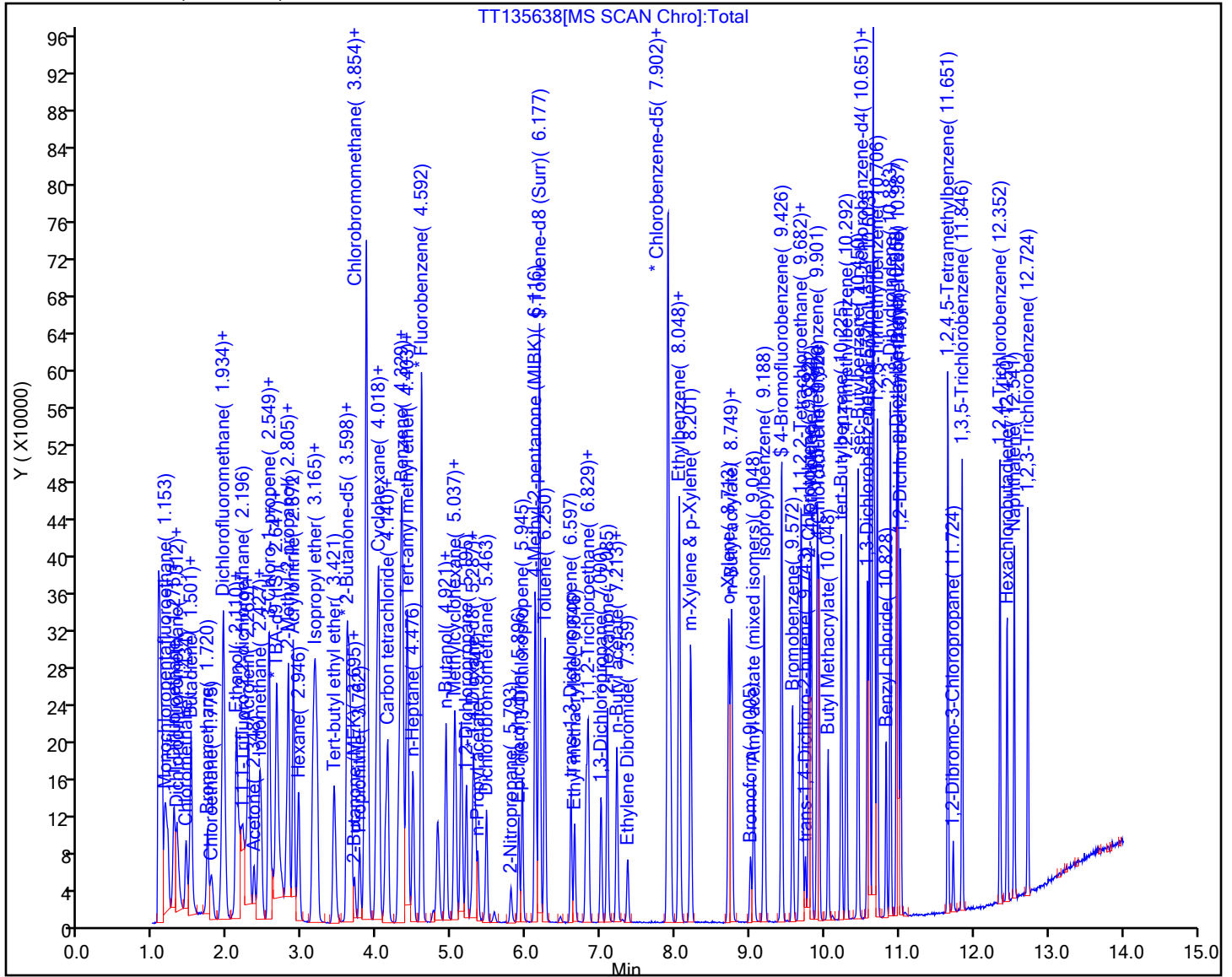
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Client Sample ID: MW-12 MSD Lab Sample ID: 460-225707-2 MSD

Matrix: Water Lab File ID: TT135639.D

Analysis Method: 8260D Date Collected: 12/30/2020 10:03

Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 15:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 750829 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	16.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	17.4		1.0	0.20
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	17.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.5		1.0	0.38
106-93-4	Ethylene Dibromide	17.7		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.21
107-06-2	1,2-Dichloroethane	19.2		1.0	0.43
78-87-5	1,2-Dichloropropane	17.4		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.33
78-93-3	2-Butanone (MEK)	92.4		5.0	1.9
591-78-6	2-Hexanone	95.1		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	97.8		5.0	1.3
67-64-1	Acetone	95.6		5.0	4.4
71-43-2	Benzene	18.5		1.0	0.20
74-97-5	Chlorobromomethane	19.9		1.0	0.41
75-27-4	Dichlorobromomethane	18.0		1.0	0.34
75-25-2	Bromoform	18.3		1.0	0.54
74-83-9	Bromomethane	26.0		1.0	0.55
75-15-0	Carbon disulfide	17.1		1.0	0.82
56-23-5	Carbon tetrachloride	19.3		1.0	0.21
108-90-7	Chlorobenzene	19.0		1.0	0.38
75-00-3	Chloroethane	23.7		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	18.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	16.5		1.0	0.22
110-82-7	Cyclohexane	16.7		1.0	0.32
124-48-1	Chlorodibromomethane	17.9		1.0	0.28
75-71-8	Dichlorodifluoromethane	19.9		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1
 SDG No.: _____
 Client Sample ID: MW-12 MSD Lab Sample ID: 460-225707-2 MSD
 Matrix: Water Lab File ID: TT135639.D
 Analysis Method: 8260D Date Collected: 12/30/2020 10:03
 Sample wt/vol: 5 (mL) Date Analyzed: 01/04/2021 15:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 750829 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	18.7		1.0	0.30
98-82-8	Isopropylbenzene	18.0		1.0	0.34
179601-23-1	m-Xylene & p-Xylene	18.8		1.0	0.30
79-20-9	Methyl acetate	33.1		5.0	0.79
1634-04-4	Methyl tert-butyl ether	22.3		1.0	0.22
108-87-2	Methylcyclohexane	15.9		1.0	0.71
75-09-2	Methylene Chloride	18.9		1.0	0.32
95-47-6	o-Xylene	18.2		1.0	0.36
100-42-5	Styrene	16.7		1.0	0.42
127-18-4	Tetrachloroethene	20.7		1.0	0.25
108-88-3	Toluene	18.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	16.4		1.0	0.22
79-01-6	Trichloroethene	18.4		1.0	0.31
75-69-4	Trichlorofluoromethane	19.8		1.0	0.32
75-01-4	Vinyl chloride	18.0		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135639.D
 Lims ID: 460-225707-B-2 MSD
 Client ID: MW-12
 Sample Type: MSD
 Inject. Date: 04-Jan-2021 15:12:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-225707-B-2 MSD
 Misc. Info.: 460-0122442-027
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 05-Jan-2021 10:58:15 Calib Date: 13-Nov-2020 03:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201112-120015.b\TT133026.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1666

First Level Reviewer: parekhv

Date: 04-Jan-2021 17:31:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.208	-0.012	66	4426	20.0	10.3	
2 1,1-Difluoroethane	51	1.263	1.269	-0.006	98	76281	20.0	15.6	
3 Chlorotrifluoroethene	116	1.269	1.275	-0.006	55	34273	20.0	21.9	a
4 Dichlorodifluoromethane	85	1.293	1.299	-0.006	99	117665	20.0	19.9	
5 Chlorodifluoromethane	51	1.306	1.311	-0.005	100	106598	20.0	19.7	
6 Chloromethane	50	1.427	1.433	-0.006	99	117827	20.0	18.4	
8 Butadiene	54	1.495	1.500	-0.005	95	77705	20.0	13.8	
7 Vinyl chloride	62	1.495	1.507	-0.012	98	112551	20.0	18.0	
9 Bromomethane	94	1.720	1.726	-0.006	98	81555	20.0	26.0	
10 Chloroethane	64	1.769	1.775	-0.006	99	57916	20.0	23.7	
11 Dichlorofluoromethane	67	1.921	1.921	0.000	98	144965	20.0	18.9	
12 Trichlorofluoromethane	101	1.927	1.933	-0.006	71	114232	20.0	19.8	
13 Pentane	72	1.933	1.939	-0.006	97	18557	40.0	28.4	
14 Ethanol	46	2.080	2.086	-0.006	89	13444	800.0	717.4	
15 Ethyl ether	74	2.092	2.098	-0.006	92	33320	20.0	16.4	
16 2-Methyl-1,3-butadiene	53	2.110	2.116	-0.006	98	49234	20.0	14.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.147	2.147	0.000	95	57651	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.190	2.202	-0.012	93	94810	20.0	18.4	a
19 Acrolein	56	2.238	2.244	-0.006	90	13800	40.0	31.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.257	2.263	-0.005	91	57827	20.0	17.7	
21 1,1-Dichloroethene	96	2.269	2.275	-0.006	97	60293	20.0	18.0	
22 Acetone	43	2.342	2.348	-0.006	86	86716	100.0	95.6	
23 Iodomethane	142	2.397	2.403	-0.006	100	121479	20.0	20.5	
25 Isopropyl alcohol	45	2.421	2.421	0.000	38	42943	200.0	175.4	
24 Carbon disulfide	76	2.427	2.433	-0.006	99	241388	20.0	17.1	
26 3-Chloro-1-propene	76	2.537	2.537	0.000	93	37551	20.0	17.7	
27 Methyl acetate	43	2.543	2.549	-0.006	98	87612	40.0	33.1	
28 Cyclopentene	67	2.549	2.555	-0.006	91	141359	20.0	16.3	
29 Acetonitrile	40	2.592	2.604	-0.012	98	53495	200.0	194.7	
* 31 TBA-d9 (IS)	66	2.641	2.647	-0.006	98	43004	1000.0	1000.0	
30 Methylene Chloride	84	2.647	2.653	-0.006	90	76717	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.708	2.708	0.000	100	59374	200.0	169.0	
33 Methyl tert-butyl ether	73	2.787	2.793	-0.006	97	201760	20.0	22.3	
34 trans-1,2-Dichloroethene	96	2.805	2.805	0.000	96	65700	20.0	19.3	
35 Acrylonitrile	53	2.872	2.872	0.000	95	244376	200.0	172.4	
36 Hexane	57	2.939	2.939	0.000	93	73446	20.0	15.4	
37 Isopropyl ether	45	3.134	3.134	0.000	97	208185	20.0	17.0	
38 1,1-Dichloroethane	63	3.153	3.159	-0.006	100	115032	20.0	18.5	
39 Vinyl acetate	86	3.171	3.177	-0.006	100	24043	40.0	40.4	
40 2-Chloro-1,3-butadiene	88	3.195	3.195	0.000	91	50073	20.0	17.4	
41 Tert-butyl ethyl ether	59	3.415	3.421	-0.006	89	185064	20.0	17.6	
* 42 2-Butanone-d5	46	3.592	3.592	0.000	95	285835	250.0	250.0	
43 2,2-Dichloropropane	97	3.604	3.604	0.000	67	21566	20.0	19.1	
44 cis-1,2-Dichloroethene	96	3.622	3.622	0.000	97	69337	20.0	18.5	
45 2-Butanone (MEK)	72	3.640	3.646	-0.006	96	31918	100.0	92.4	
46 Ethyl acetate	70	3.647	3.652	-0.005	95	12548	40.0	41.1	
47 Methyl acrylate	55	3.695	3.695	0.000	99	48733	20.0	16.4	
48 Propionitrile	54	3.756	3.762	-0.006	99	87765	200.0	178.9	
49 Chlorobromomethane	128	3.823	3.823	0.000	91	35381	20.0	19.9	
50 Tetrahydrofuran	72	3.829	3.829	0.000	52	16167	40.0	42.7	
51 Methacrylonitrile	67	3.848	3.854	-0.006	92	244003	200.0	178.6	
52 Chloroform	83	3.872	3.878	-0.006	98	114912	20.0	20.4	
53 Cyclohexane	84	3.988	3.988	0.000	92	88306	20.0	16.7	
54 1,1,1-Trichloroethane	97	4.006	4.006	0.000	99	103001	20.0	20.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.018	4.018	0.000	97	130816	50.0	49.6	
56 Carbon tetrachloride	117	4.110	4.110	0.000	97	82420	20.0	19.3	
57 1,1-Dichloropropene	75	4.140	4.140	0.000	96	78812	20.0	17.9	
58 Isobutyl alcohol	43	4.281	4.280	0.001	93	90971	500.0	359.6	a
59 Isooctane	57	4.299	4.305	-0.006	99	206103	20.0	15.1	
60 Benzene	78	4.317	4.323	-0.006	97	240211	20.0	18.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.335	4.335	0.000	97	146667	50.0	48.7	
62 Tert-amyl methyl ether	73	4.390	4.396	-0.006	81	211324	20.0	19.1	
63 Isopropyl acetate	61	4.402	4.402	0.000	93	29251	20.0	16.1	
64 1,2-Dichloroethane	62	4.409	4.408	0.001	96	78385	20.0	19.2	
65 n-Heptane	100	4.476	4.475	0.001	92	13595	20.0	16.5	
* 66 Fluorobenzene	96	4.591	4.591	0.000	98	523919	50.0	50.0	
67 n-Butanol	56	4.908	4.908	0.000	88	33670	500.0	304.3	
68 Trichloroethene	95	4.921	4.921	0.000	99	58657	20.0	18.4	
69 Methylcyclohexane	83	5.037	5.036	0.001	95	97003	20.0	15.9	
70 Ethyl acrylate	99	5.055	5.049	0.006	97	8404	20.0	15.7	
71 1,2-Dichloropropane	63	5.195	5.195	0.000	88	58289	20.0	17.4	
* 72 1,4-Dioxane-d8	96	5.256	5.250	0.006	88	26748	1000.0	1000.0	
73 Methyl methacrylate	100	5.286	5.286	0.000	90	26408	40.0	34.0	
74 Dibromomethane	93	5.311	5.311	0.000	97	37606	20.0	17.8	
75 1,4-Dioxane	88	5.311	5.311	0.000	41	13986	400.0	382.0	
76 n-Propyl acetate	43	5.347	5.347	0.000	98	70587	20.0	14.4	
77 Dichlorobromomethane	83	5.463	5.463	0.000	99	78632	20.0	18.0	
78 2-Nitropropane	41	5.786	5.792	-0.006	99	23051	40.0	27.2	
80 Epichlorohydrin	57	5.890	5.896	-0.006	99	97415	400.0	334.6	
81 cis-1,3-Dichloropropene	75	5.945	5.939	0.006	93	89686	20.0	16.5	
82 4-Methyl-2-pentanone (MIBK)	43	6.116	6.115	0.001	98	277248	100.0	97.8	
\$ 83 Toluene-d8 (Surr)	98	6.177	6.176	0.001	99	436250	50.0	45.7	
84 Toluene	91	6.250	6.250	0.000	94	229542	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.597	6.597	0.000	96	79135	20.0	16.4	
86 Ethyl methacrylate	69	6.646	6.646	0.000	91	60701	20.0	14.5	
87 1,1,2-Trichloroethane	83	6.798	6.798	0.000	96	43636	20.0	17.4	
88 Tetrachloroethene	166	6.829	6.829	0.000	97	60882	20.0	20.7	
89 1,3-Dichloropropane	76	7.000	6.999	0.001	95	83148	20.0	17.9	
90 2-Hexanone	43	7.085	7.085	0.000	97	169290	100.0	95.1	
91 n-Butyl acetate	43	7.207	7.207	0.000	99	77568	20.0	14.3	
92 Chlorodibromomethane	129	7.219	7.219	0.000	98	53588	20.0	17.9	
93 Ethylene Dibromide	107	7.353	7.359	-0.006	99	49695	20.0	17.7	
* 94 Chlorobenzene-d5	117	7.896	7.896	0.000	86	371573	50.0	50.0	
95 Chlorobenzene	112	7.932	7.932	0.000	94	147985	20.0	19.0	
96 Ethylbenzene	106	8.042	8.042	0.000	99	80592	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	8.060	8.060	0.000	94	60085	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.201	8.206	-0.005	97	99444	20.0	18.8	
99 o-Xylene	106	8.713	8.712	0.001	94	100681	20.0	18.2	
100 n-Butyl acrylate	73	8.737	8.743	-0.006	96	37461	20.0	14.1	
101 Styrene	104	8.755	8.755	0.000	94	144617	20.0	16.7	
102 Bromoform	173	9.005	9.005	0.000	96	37161	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.048	9.048	0.000	91	93639	20.0	13.1	
104 Isopropylbenzene	105	9.188	9.188	0.000	96	275663	20.0	18.0	
\$ 105 4-Bromofluorobenzene	174	9.426	9.426	0.000	0	140711	50.0	49.5	
106 Bromobenzene	156	9.572	9.572	0.000	96	68736	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.664	9.657	0.007	98	72954	20.0	16.1	
108 N-Propylbenzene	91	9.682	9.682	0.000	99	329548	20.0	16.6	
109 1,2,3-Trichloropropane	110	9.706	9.706	0.000	97	20511	20.0	18.5	
110 trans-1,4-Dichloro-2-butene	53	9.743	9.743	0.000	91	13876	20.0	12.0	
111 2-Chlorotoluene	91	9.792	9.792	0.000	97	223794	20.0	17.0	
112 4-Ethyltoluene	105	9.822	9.822	0.000	98	262636	20.0	16.8	
113 1,3,5-Trimethylbenzene	105	9.901	9.901	0.000	92	227626	20.0	16.6	
114 4-Chlorotoluene	91	9.926	9.926	0.000	98	214889	20.0	17.2	
115 Butyl Methacrylate	87	10.048	10.048	0.000	91	50246	20.0	10.4	
116 tert-Butylbenzene	119	10.225	10.224	0.001	94	187461	20.0	16.7	
117 1,2,4-Trimethylbenzene	105	10.292	10.291	0.001	98	232712	20.0	16.4	
118 sec-Butylbenzene	105	10.450	10.450	0.000	99	301322	20.0	16.2	
119 1,3-Dichlorobenzene	146	10.572	10.572	0.000	96	132275	20.0	18.1	
120 4-Isopropyltoluene	119	10.603	10.602	0.000	97	251731	20.0	16.3	
* 121 1,4-Dichlorobenzene-d4	152	10.651	10.651	0.000	96	209067	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.676	10.675	0.001	95	134351	20.0	18.9	
123 1,2,3-Trimethylbenzene	105	10.706	10.706	0.000	99	251993	20.0	17.0	
124 Benzyl chloride	91	10.822	10.822	0.000	98	119115	20.0	13.3	
125 2,3-Dihydroindene	117	10.883	10.883	0.000	95	237713	20.0	17.5	
126 p-Diethylbenzene	119	10.968	10.962	0.006	93	136974	20.0	16.7	
127 n-Butylbenzene	92	10.987	10.986	0.001	98	139489	20.0	15.9	
128 1,2-Dichlorobenzene	146	11.017	11.017	0.000	96	135392	20.0	19.2	
129 1,2,4,5-Tetramethylbenzene	119	11.651	11.651	0.000	97	247972	20.0	15.2	
130 1,2-Dibromo-3-Chloropropane	157	11.724	11.730	-0.006	96	15646	20.0	15.5	
131 1,3,5-Trichlorobenzene	180	11.846	11.846	0.000	97	120219	20.0	17.5	
132 1,2,4-Trichlorobenzene	180	12.352	12.352	0.000	93	113671	20.0	17.2	
133 Hexachlorobutadiene	225	12.450	12.450	0.000	96	49806	20.0	16.6	
134 Naphthalene	128	12.547	12.541	0.006	99	241358	20.0	16.0	
135 1,2,3-Trichlorobenzene	180	12.730	12.724	0.006	96	105071	20.0	17.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	37.0	
S 138 Total 1,2-dichloroethene	1				0			37.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	32.9	
S 140 Total BTEX	1				0		100.0	92.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00131	Amount Added: 20.00	Units: uL	
524freon_00031	Amount Added: 20.00	Units: uL	
ACROLEIN W_00118	Amount Added: 4.00	Units: uL	
GASES Li_00401	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20210104-122442.b\TT135639.D

Injection Date: 04-Jan-2021 15:12:30

Instrument ID: CVOAMS17

Lims ID: 460-225707-B-2 MSD

Client ID: MW-12

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

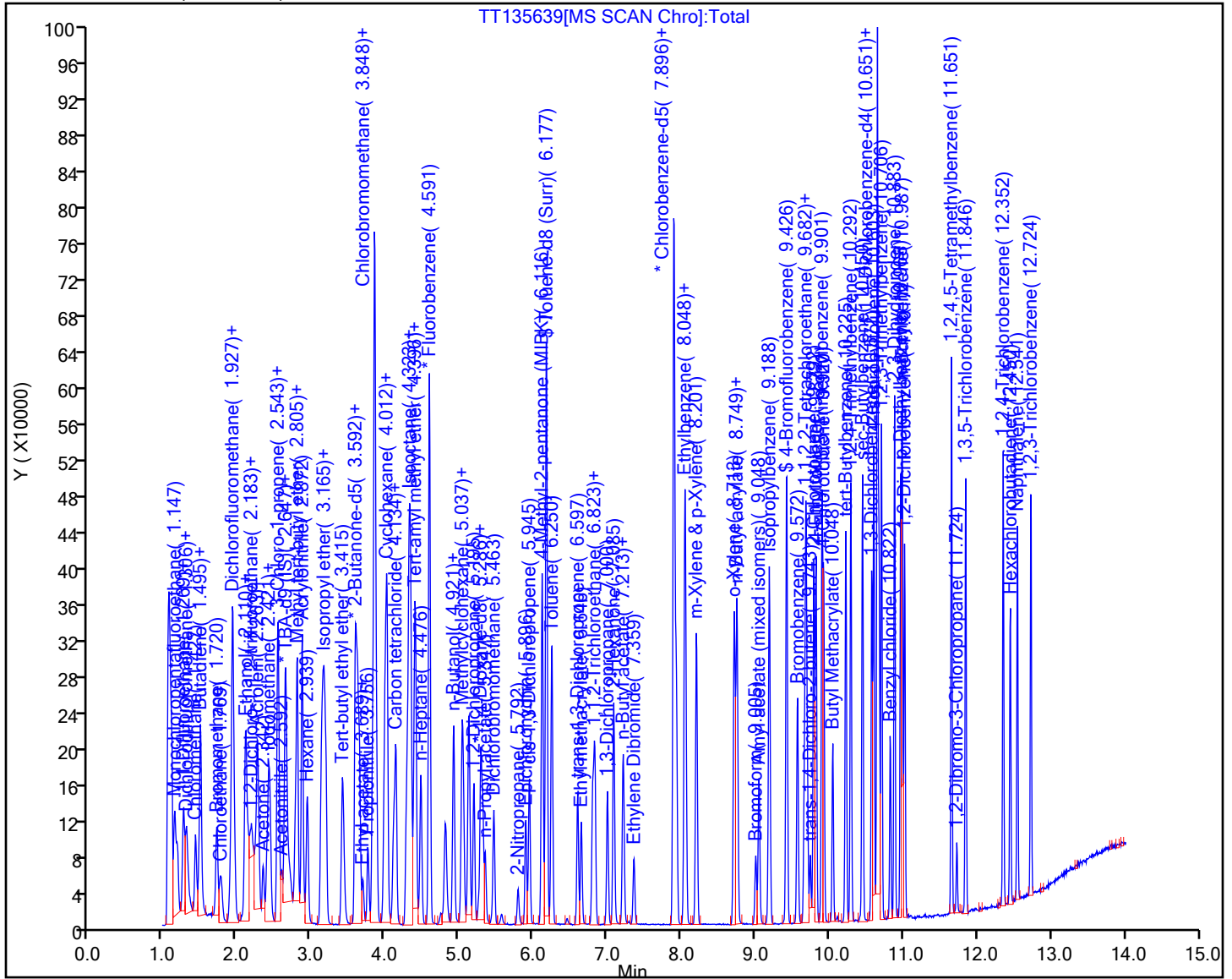
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 11/13/2020 00:19Analysis Batch Number: 739487 End Date: 11/13/2020 05:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-739487/1		11/13/2020 00:19	1	TT133017.D	DB-624 0.18 (mm)
STD8 460-739487/3 IC		11/13/2020 00:55	1	TT133019.D	DB-624 0.18 (mm)
STD05 460-739487/4 IC		11/13/2020 01:16	1	TT133020.D	DB-624 0.18 (mm)
STD1 460-739487/5 IC		11/13/2020 01:37	1	TT133021.D	DB-624 0.18 (mm)
STD5 460-739487/6 IC		11/13/2020 02:20	1	TT133022.D	DB-624 0.18 (mm)
STD20 460-739487/7 ICIS		11/13/2020 02:41	1	TT133023.D	DB-624 0.18 (mm)
STD50 460-739487/8 IC		11/13/2020 03:03	1	TT133024.D	DB-624 0.18 (mm)
STD200 460-739487/9 IC		11/13/2020 03:23	1	TT133025.D	DB-624 0.18 (mm)
STD500 460-739487/10 IC		11/13/2020 03:44	1	TT133026.D	DB-624 0.18 (mm)
ICV 460-739487/15		11/13/2020 05:59	1	TT133031.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 01/04/2021 06:07Analysis Batch Number: 750829 End Date: 01/04/2021 15:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-750829/1		01/04/2021 06:07	1	TT135613.D	DB-624 0.18 (mm)
CCVIS 460-750829/2		01/04/2021 06:31	1	TT135614.D	DB-624 0.18 (mm)
LCS 460-750829/3		01/04/2021 06:57	1	TT135615.D	DB-624 0.18 (mm)
ZZZZZ		01/04/2021 07:18	1		DB-624 0.18 (mm)
MB 460-750829/7		01/04/2021 08:19	1	TT135619.D	DB-624 0.18 (mm)
ZZZZZ		01/04/2021 08:40	1		DB-624 0.18 (mm)
460-225707-9	Equipment-Blank_WLM	01/04/2021 09:00	1	TT135621.D	DB-624 0.18 (mm)
460-225707-10	Equipment-Blank_T	01/04/2021 09:21	1	TT135622.D	DB-624 0.18 (mm)
460-225707-11	Field_Blank	01/04/2021 09:41	1	TT135623.D	DB-624 0.18 (mm)
460-225707-12	Trip_Blank	01/04/2021 10:02	1	TT135624.D	DB-624 0.18 (mm)
ZZZZZ		01/04/2021 10:23	1		DB-624 0.18 (mm)
ZZZZZ		01/04/2021 10:43	1		DB-624 0.18 (mm)
ZZZZZ		01/04/2021 11:04	1		DB-624 0.18 (mm)
460-225707-2	MW-12	01/04/2021 11:25	1	TT135628.D	DB-624 0.18 (mm)
460-225707-4	MW-9	01/04/2021 12:27	1	TT135631.D	DB-624 0.18 (mm)
460-225707-1	MW-11	01/04/2021 14:10	1	TT135636.D	DB-624 0.18 (mm)
460-225707-2 MS	MW-12 MS	01/04/2021 14:51	1	TT135638.D	DB-624 0.18 (mm)
460-225707-2 MSD	MW-12 MSD	01/04/2021 15:12	1	TT135639.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-225707-1

SDG No.: _____

Instrument ID: CVOAMS17Start Date: 01/04/2021 16:43Analysis Batch Number: 750920End Date: 01/05/2021 03:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-750920/1		01/04/2021 16:43	1	TT135641.D	DB-624 0.18 (mm)
CCVIS 460-750920/3		01/04/2021 17:27	1	TT135643.D	DB-624 0.18 (mm)
LCS 460-750920/5		01/04/2021 18:17	1	TT135645.D	DB-624 0.18 (mm)
LCSD 460-750920/6		01/04/2021 18:38	1	TT135646.D	DB-624 0.18 (mm)
MB 460-750920/9		01/04/2021 19:39	1	TT135649.D	DB-624 0.18 (mm)
ZZZZZ		01/04/2021 20:00	1		DB-624 0.18 (mm)
ZZZZZ		01/04/2021 20:21	1		DB-624 0.18 (mm)
ZZZZZ		01/04/2021 20:41	1		DB-624 0.18 (mm)
460-225707-7	MW-8D	01/04/2021 21:02	1	TT135653.D	DB-624 0.18 (mm)
460-225707-8	MW-8	01/04/2021 21:22	1	TT135654.D	DB-624 0.18 (mm)
460-225707-5	MW-X	01/04/2021 21:43	10	TT135655.D	DB-624 0.18 (mm)
460-225707-6	MW-46	01/04/2021 22:04	5	TT135656.D	DB-624 0.18 (mm)
460-225707-3	MW-10	01/04/2021 22:24	10	TT135657.D	DB-624 0.18 (mm)
ZZZZZ		01/04/2021 23:06	1		DB-624 0.18 (mm)
ZZZZZ		01/04/2021 23:26	100		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 00:07	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 00:28	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 00:48	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 01:09	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 01:51	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 02:11	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 02:32	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 02:52	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 03:13	1		DB-624 0.18 (mm)
ZZZZZ		01/05/2021 03:33	1		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 739487 Batch Start Date: 11/13/20 00:19 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00121	524freon 00029	8260 SP 00132	8260MIX1COMB 00128
BFB 460-739487/1		8260D		5 mL	5 mL				
STD8 460-739487/3 IC		8260D		5 mL	5 mL				
STD05 460-739487/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-739487/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-739487/6 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-739487/7 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-739487/8 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-739487/9 IC		8260D		5 mL	5 mL				
STD500 460-739487/10 IC		8260D		5 mL	5 mL				
ICV 460-739487/15		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00025	8FreonsSS 00026	ACROLEIN SP 00118	ACROLEIN W 00115	ACRY/EPIH MIX 00079	BFB 00026
BFB 460-739487/1		8260D							1 uL
STD8 460-739487/3 IC		8260D						20 uL	
STD05 460-739487/4 IC		8260D					2 uL		
STD1 460-739487/5 IC		8260D					4 uL		
STD5 460-739487/6 IC		8260D					4 uL		
STD20 460-739487/7 ICIS		8260D					4 uL		
STD50 460-739487/8 IC		8260D					10 uL		
STD200 460-739487/9 IC		8260D		20 uL			20 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.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 739487 Batch Start Date: 11/13/20 00:19 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00025	8FreonsSS 00026	ACROLEIN SP 00118	ACROLEIN W 00115	ACRY/EPIH MIX 00079	BFB 00026
STD500 460-739487/10 IC		8260D		50 uL			40 uL		
ICV 460-739487/15		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00046	GAS C SP 00382	GAS Hi 00375	GASES Li 00394	MIX 2 Hi 00104	MIX I Hi 00131
BFB 460-739487/1		8260D							
STD8 460-739487/3 IC		8260D					2.5 uL		
STD05 460-739487/4 IC		8260D					5 uL		
STD1 460-739487/5 IC		8260D					10 uL		
STD5 460-739487/6 IC		8260D					10 uL		
STD20 460-739487/7 ICIS		8260D					20 uL		
STD50 460-739487/8 IC		8260D					50 uL		
STD200 460-739487/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-739487/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-739487/15		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00041					
BFB 460-739487/1		8260D							
STD8 460-739487/3 IC		8260D		5 uL					
STD05 460-739487/4 IC		8260D		5 uL					
STD1 460-739487/5 IC		8260D		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.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 739487 Batch Start Date: 11/13/20 00:19 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00041					
STD5 460-739487/6 IC		8260D		5 uL					
STD20 460-739487/7 ICIS		8260D		5 uL					
STD50 460-739487/8 IC		8260D		5 uL					
STD200 460-739487/9 IC		8260D		5 uL					
STD500 460-739487/10 IC		8260D		5 uL					
ICV 460-739487/15		8260D		5 uL					

Batch Notes	

Basis	Basis Description

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: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 750829 Batch Start Date: 01/04/21 06:07 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00031	8260MIX1COMB 00131	ACROLEIN W 00118
BFB 460-750829/1		8260D		5 mL	5 mL				
CCVIS 460-750829/2		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-750829/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-750829/7		8260D		5 mL	5 mL				
460-225707-B-9	Equipment-Blank_ WLM	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-10	Equipment-Blank_ T	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-11	Field_Blank	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-12	Trip_Blank	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-B-2	MW-12	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-B-4	MW-9	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-B-1	MW-11	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-B-2	MW-12	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
MS 460-225707-B-2	MW-12	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
MSD									

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00027	GASES Li 00401	VOA6IS/SURR 00042			
BFB 460-750829/1		8260D		1 uL					
CCVIS 460-750829/2		8260D			20 uL	5 uL			
LCS 460-750829/3		8260D			20 uL	5 uL			
MB 460-750829/7		8260D				5 uL			
460-225707-B-9	Equipment-Blank_ WLM	8260D	T			5 uL			
460-225707-A-10	Equipment-Blank_ T	8260D	T			5 uL			
460-225707-A-11	Field_Blank	8260D	T			5 uL			
460-225707-A-12	Trip_Blank	8260D	T			5 uL			
460-225707-B-2	MW-12	8260D	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.

8260D

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 750829 Batch Start Date: 01/04/21 06:07 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00027	GASES Li 00401	VOA6IS/SURR 00042			
460-225707-B-4	MW-9	8260D	T			5 uL			
460-225707-B-1	MW-11	8260D	T			5 uL			
460-225707-B-2	MW-12	8260D	T		20 uL	5 uL			
MS									
460-225707-B-2	MW-12	8260D	T		20 uL	5 uL			
MSD									

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: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 750920 Batch Start Date: 01/04/21 16:43 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00031	8260MIX1COMB 00131	ACROLEIN W 00118
BFB 460-750920/1		8260D		5 mL	5 mL				
CCVIS 460-750920/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-750920/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-750920/6		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-750920/9		8260D		5 mL	5 mL				
460-225707-A-7	MW-8D	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-8	MW-8	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-5	MW-X	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-6	MW-46	8260D	T	5 mL	5 mL	<2 PH Units			
460-225707-A-3	MW-10	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	BFB 00027	GASES Li 00401	VOA6IS/SURR 00042			
BFB 460-750920/1		8260D		1 uL					
CCVIS 460-750920/3		8260D			20 uL	5 uL			
LCS 460-750920/5		8260D			20 uL	5 uL			
LCSD 460-750920/6		8260D			20 uL	5 uL			
MB 460-750920/9		8260D				5 uL			
460-225707-A-7	MW-8D	8260D	T			5 uL			
460-225707-A-8	MW-8	8260D	T			5 uL			
460-225707-A-5	MW-X	8260D	T			5 uL			
460-225707-A-6	MW-46	8260D	T			5 uL			
460-225707-A-3	MW-10	8260D	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: Eurofins TestAmerica, Edison Job No.: 460-225707-1

SDG No.: _____

Batch Number: 750920 Batch Start Date: 01/04/21 16:43 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D 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.

8260D

Page 2 of 2

Shipping and Receiving Documents

Address:

ITAL-8210

[illegible]

learned

12 30 20 1930

3.1.12.11



Environment Testing
TestAmerica

Address: _____

TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ ACRA ☐ Other: _____

Client Contact		Project Manager: <u>Tisha Vance</u> Site Contact: <u>EAH</u>	
Company Name: <u>EAR</u>		Date: <u>12/30/20</u>	
Address: <u>225 ATLANTIC AVE</u>		Carrier: <u>2</u> COCs	
City/State/Zip: <u>POCAHONTS VA 22651</u>		Tel/Email: <u>1031-447-1040</u>	
Phone: <u>1031-447-1040</u>		Analysis Turnaround Time: <u>10 days</u>	
Fax: _____		CALENDAR DAYS ☒ WORKING DAYS ☐	
Project Name: <u>1ST AVE + F 90th ST</u>		TAT if different from Below: _____	
Site: <u>321008</u>		☐ 2 weeks	
PO# <u>DEC-MONITORING-EST-E90</u>		☐ 1 week	
		☐ 2 days	
		☐ 1 day	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
MW-46	12/30/20	0848	G	A9	3		X	1 6
MW-8D		1023			3		X	2 7
MW-8		1127			3		X	3 8
Equipment-Blank-WLM		0800			2		X	4 9
Equipment-Blank-T		0800			2		X	5 10
Field-Blank		0800			2		X	6 11
Trip-Blank		0800			2		X	7 12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Category B Deliverables

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: _____	Cooler Temp. (°C): Obs'd: _____	Therm ID No.: _____
Relinquished by: <u>from EAR Sample</u>	Company: <u>EAR</u>	Received by: <u>Sample Fridy</u>	Company: <u>EAH</u>
Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>
Relinquished by: <u>from EAR Sample</u>	Company: <u>EAH</u>	Received by: <u>EAH</u>	Company: <u>EAH</u>
Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>	Date/Time: <u>12/30/20</u>

Journal 123020 1930 31 JCL

225707

IR Gun #

Cooler Temperatures

	RUN	CONNECTED
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible]

If pH adjustments are required record the information below:

Volume of Preservative used (ml):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: Bam

Date: 12/20/20

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-225707-1

Login Number: 225707

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: DiGuardia, Joseph L

Question	Answer	Comment
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	



APPENDIX B – Waste Manifest

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number LESQ6		2. Page 1 of 1		3. Emergency Response Phone 800-633-8253		4. Manifest Tracking Number 019312367 JJK			
5. Generator's Name and Mailing Address NYSDEC HAZ WASTE 625 Broadway, Albany NY 12233-7256						Generator's Site Address (if different than mailing address) 1ST AVE + 90TH ST NEW YORK, NY 10128					
Generator's Phone: 631-624-3502											
6. Transporter 1 Company Name ABLE ENVIRONMENTAL SERVICES						U.S. EPA ID Number NYR00003582					
7. Transporter 2 Company Name SSS						U.S. EPA ID Number					
8. Designated Facility Name and Site Address TRIUMPHATE ENVIRONMENTAL WYLL LLC 42-14 1912 AVE						U.S. EPA ID Number NYD077444263					
Facility's Phone: ASTORIA NY 1105											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
						No.	Type				
	1	UN3052 WASTE Environmentally Hazardous Substance, Liquid, N.O.S. (Water Tetrahydroethylene, 9. PG II)				1	DM	50	G	F002 D029	
	2										
	3										
4											
14. Special Handling Instructions and Additional Information 1. AYL31548 WTL31582											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name AGENT FOR THE NYSDEC Signature Rob WTL Month 12 Day 30 Year 20											
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	Transporter signature (for exports only): _____										
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name MARK KAMKON Signature Mark Kamkon Month 12 Day 30 Year 20										
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____											
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H411		2. _____		3. _____		4. _____					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name Sam Vaghty Signature Sam Vaghty Month 11 Day 14 Year 20											



APPENDIX C –Data Usability Summary Reports



ENVIRONMENTAL
ASSESSMENT &
REMEDIATIONS

To: Trisha Vicale
Environmental Assessment &
Remediations
225 Atlantic Avenue
Patchogue, NY 11772

From: Tracey Evans

Data: 01/19/2021

Subject: NYSDEC Site # 231008, 1st Avenue and East 90th Street Manhattan, New York
10001 - Data Usability Summary Report

The Following Items Are Being Transmitted:
Data Package:

Originals	Description of Materials	Electronic/ Hard Copy
1	460-225707-1 Ny_CatB_Package_Mini_Final Report.pdf	Electronic
1	460-225707-1_EquNysdec.xls	Electronic

Signature:

Tracey Evans
Chemist
evans@enviro-asmnt.com
Environmental Assessment & Remediations
225 Atlantic Avenue
Patchogue, New York 11772
631-447-6400 ext.146



1st Avenue and East 90th Street Manhattan Data Usability Summary Report for December 30, 2020 Water Samples

Client: Environmental Assessment & Remediations, Patchogue, New York

Laboratory: Eurofins Environmental Testing -EDISON, (NELAP lab id 11452)

Site: 1st Avenue and East 90th Street Manhattan (SITE# 231008)

Lab Job ID: <u>460-225707-1</u>				
Methods Evaluated				
Lab ID	Field ID	Collection Date	Matrix	8260D
460-225707-1	MW-11	12/30/2020	water	x
460-225707-2	MW-12	12/30/2020	water	x
460-225707-3	MW-10	12/30/2020	water	x
460-225707-4	MW-9	12/30/2020	water	x
460-225707-5	MW-X	12/30/2020	water	x
460-225707-6	MW-46	12/30/2020	water	x
460-225707-7	MW-8D	12/30/2020	water	x
460-225707-8	MW-8	12/30/2020	water	x
460-225707-9	Equipment-Blank_WLM	12/30/2020	water	x
460-225707-10	Equipment-Blank_T	12/30/2020	water	x
460-225707-11	Field_Blank	12/30/2020	water	x
460-225707-12	Trip_Blank	12/30/2020	water	x

Laboratory reports were analyzed under (depends on testing):

- USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data Review, EPA 540-R-2017-001 (January 2017)

Criteria for Data Usability Summary Report

Completeness:

A complete data package is one that has all relevant and related material packaged for distribution to its client in accordance with the Analytical Service Protocol (ASP) Category B Deliverables guidelines.

Compliant:

A compliant data package is one that is determined to have all work that pertains to the production of the laboratory data in a manner that is consistent with the Quality Assurance Program Plan.



Overall Usability Issues

Data validation was completed in accordance with the New York State Department of Environmental Conservation Analytical Service Protocol (NYSDEC ASP) Category B Data Deliverable requirements and reviewer's professional judgment.

This analytical report complies to the following points:

1. Holding Time and Analysis Time
2. Sample Analysis and Quality Control.

- There was no rejection of data.

In conclusion, the data reviewed in this report is usable and valid as it passes all stated criterion for compliance for method 8260D.

Data Completeness

- A complete Category B data package under the NYSDEC ASP has been reported.



Data Validation Acronyms

AA	Atomic Absorption, Flame Technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene (Tune check analyte)
CCC	Continuing Calibration Check
CCV	Continuing Calibration Verification
CRDL	Contract Required Detection Limit
CRQL	Contract Required Quantitation Limit
CVAA	Atomic Absorption, Cold Vapor
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine (Tune check analyte)
DL	Detection Limit
ECD	Electron Capture Detector
FAA	Atomic Absorption, Furnace Technique
FID	Flame Ionization Detector
FNP	1-Fluoronaphthalene
GC	Gas Chromatography
GC/MS	Gas Chromatography/ Mass Spectrometry
GPC	Gel Permeation Chromatography
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma – Atomic Emission Spectrometer
ICV	Initial Calibration Verification
IDL	Instrument Detection Limit
ICAL	Initial Calibration Curve
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
BNAMS11	Method of Standard Additions
MSD	Matrix Spike Duplicate
MS/MSD	Matrix Spike/ Matrix Spike Duplicate



Data Validation Acronyms

ND	Non-detected or Not Detected
PID	Photo Ionization Detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
PQL	Practical Quantitation Limit
QA	Quality Assurance
QA/QC	Quality Assurance/ Quality Control
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RL	Reporting Limit
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
SMC	System Monitoring Compounds/ Surrogates
SPCC	Sample Performance Check Compound
TCX	Tetrachloro-m-xylene
%D	Percent Drift
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation



Data Validation Qualifiers

U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.
C	This qualifier applies to results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS)
X	This qualifier applies to results when GC/MS analysis was attempted but unsuccessful

Note:

1. These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.
2. The EDDs are assigned these data validation qualifiers and refer to the valid value list supplied by the specific agency or informational data system.

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Eurofins Environmental Testing -EDISON, (NELAP lab id 11452)
Site: 1st Avenue and East 90th Street Manhattan (SITE# 231008)

Method Review: 8260D

Lab Job ID: 460-225707-1

Lab ID	Field ID	Collection Date	Matrix
460-225707-1	MW-11	12/30/2020	water
460-225707-2	MW-12	12/30/2020	water
460-225707-3	MW-10	12/30/2020	water
460-225707-4	MW-9	12/30/2020	water
460-225707-5	MW-X	12/30/2020	water
460-225707-6	MW-46	12/30/2020	water
460-225707-7	MW-8D	12/30/2020	water
460-225707-8	MW-8	12/30/2020	water
460-225707-9	Equipment-Blank_WLM	12/30/2020	water
460-225707-10	Equipment-Blank_T	12/30/2020	water
460-225707-11	Field_Blank	12/30/2020	water
460-225707-12	Trip_Blank	12/30/2020	water

Reviewer Summary :

Samples were handled and analyzed properly under USEPA Contract Laboratory Program National Functional Guidance for Super Organic Methods Data Review. While several compounds failed method criteria within continuous calibration, no qualification was needed within data. Relative percent difference of field duplicate (MW-X) was within criteria. Data is within category B criterion and is usable.

Client: Environmental Assessment & Remediations, Patchogue, New York
Laboratory: Eurofins Environmental Testing -EDISON, (NELAP lab id 11452)
Site: 1st Avenue and East 90th Street Manhattan (SITE# 231008)



Job ID: 460-225707-1

8260D

Criteria	Y	N	NA	Comment
A. Sample Receipt				
Technical Hold Time of 7 days not preserved or 14 days preserved (pH<2)	x			
Cooling Temp = 4°C ± 2°C	x			
B. GC/MS Instrument Performance Check				
Were BFB performance results with in criteria?	x			
Were all samples analyzed within the 12 hour time period	x			
C. Initial Calibration				
Was a 5 point calibration run?	x			
RSD% should be less then 20% for each target analyte, was RRF with in CCCs and SPCCs within bounds?	x			
Was curve fit used for evaluation? If yes did the I.C. meet the curve fit acceptability of ≥0.990 ?	x			
Was the Initial Calibration Verification (ICV) done after the I.C., were (%D)≤ 30% or (%R) 70-130% for compound recovery	x			
D. Continuing Calibration				
Was it done every 12 hours after I.C. to verify it?	x			While there were several compounds failires above %D

Criteria	Y	N	NA	Comment
Were (%D)≤ 30% and relative respond factors (RRF) within bounds within CCCs and SPCCs, was RRF difference≥0.05?		x		no qualification was needed.
E. Laboratory Blanks				
Was a lab blank associated with each sample of SDG	x			
Was blank analyzed every 12 hours?	x			
Were contamination found, if so qualification may be necessary.		x		
subsection : Field Blanks				Equipment-Blank_WLM, Equipment-Blank_T, Field_Blank and Trip_Blank
Was a field blanks associated with each sample of SDG?	x			
Were target compounds detected in it?		x		
F. Surrogate spikes				
Were Surrogate percent recovery (%R) within QC limits?	x			
If the (R%) for one or more surrogates were out of QC, was reanalysis performed to confirm %R?	x			
G. Matrix Spike/Matrix duplicate				
Were MS and MSD analyzed for SGD?	x			
Was MS/MSD done every 20 samples ?	x			
Were MS/MSD (%R) and RPD with in QC?	x			
H. Laboratory control sample				
Was LCS analysis for this SDG?	x			
Was LCS analysis per analysis batch?	x			

Criteria	Y	N	NA	Comment
Was LCS (R%) and (RPD%) within QC Limits?	x			
subsection: Field Duplicate				MW-X
Were field duplicates identified in this SGD?	x			
Were target compounds detected in it?	x			
subsection: Internal Compounds				
Were counts within 50% to 200% of associated calibration standard?	x			
Were retention times within ± 10 sec of cal. standard?	x			
I. Target Compound Identification				
Were all ions present in standard mass spectrum at relative intensities of $\geq 10\%$?	x			
Did the spectrum meet EPA "Functional Guidelines"?	x			
Were relative intensities of these ions within $\pm 20\%$ between standard and sample spectra?	x			
J. Tentative Analyte Quantitation and CRQL				
Were target analyte results and sample specific CRQLs calculated according to equations?	x			
Were RRF calculated correctly towards method?	x			
K. Tentative Identification Compounds				
Were National Functional Guidelines followed for TIC processing?			x	
L. Regional EPA QA/QC				
Were regional protocol of QA/ AC protocols used in evaluation data?	x			

Criteria	Y	N	NA	Comment
M. Overall assessment of data				
Was Overall assessment of data found to be acceptable?	x			

Comments: All results are within Cat. B criterion and usable.

Calculation Spot Check

Instrument: CVOAMS17

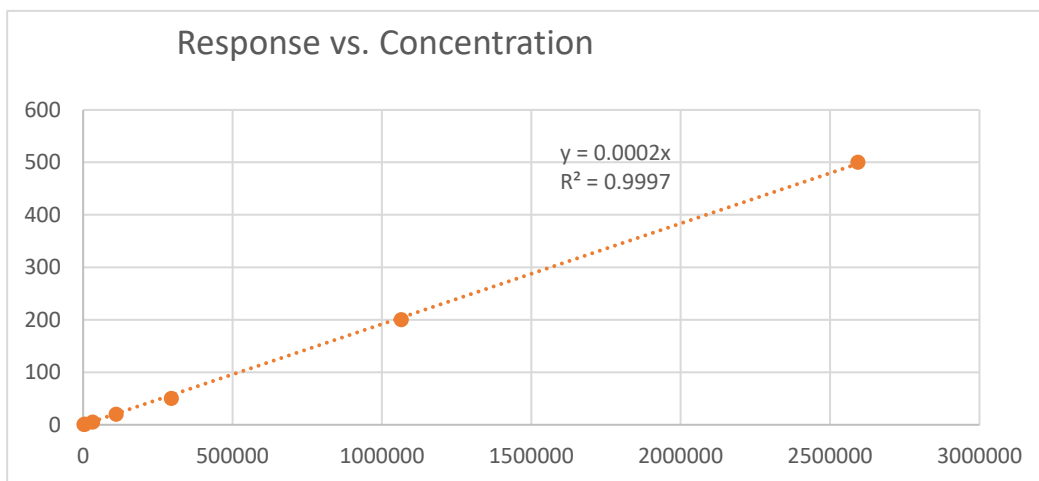
ICV Date:11/13/2020 3:44

Compound: Chloromethane

Curve Evaluation

Response vs. Concentration

L1	-	-	-
L2	0.6097	3067	0.5
L3	0.5903	5974	1
L4	0.6096	31970	5
L5	0.5808	110743	20
L6	0.661	295361	50
L7	0.616	1065043	200
L8	0.6127	2583180	500
average	0.612871429		
RSD	4.2		



Blind Duplicate Comparison

	Original Sample	Blind Duplicate	Relative Percent Difference
Well	MW-10	MW-X	
1,2-DICHLOROETHANE-D4	490	490	0.00
4-BROMOFLUOROBENZENE	490	500	2.02
DIBROMOFLUOROMETHANE	490	490	0.00
TOLUENE-D8	470	460	2.15
Cis-1,2-Dichloroethylene	85	80	6.06
TERT-BUTYL METHYL ETHER	56	51	9.35
TETRACHLOROETHYLENE(PCE)	2900	2800	3.51
TRICHLOROETHYLENE (TCE)	190	180	5.41

Reviewer comment: Comparing Duplicate pair MW-10 and MW-X samples results are within acceptable quantities . There are no qualification which will be added to this data.