

**DEC-GREATNECK110 / STANTON CLEANERS
MONTHLY SITE DATA INFORMATION SHEET**

Date: 12/7/2020

Tech: JB

Weather	Sun	Partly Cloudy	Overcast	Rain	
Temp °F	<32	32-50	50-70	70-85	>85
Wind	Light	Moderate	High		
Humidity	Dry	Moderate	Humid		
Wind Dir	NE	NW	SE	SW	
	N	S	E	W	

Time Onsite	On:	8:45	Off:	12:45

Activities Log

Time	Task
8:45	Gauge wells
9:30	System readings
10:30	System sampling
12:45	Offsite

GWETS

Digital Readings from Catwalk:

Discharge pH:	4.98
Discharge Temp (°C):	16
Discharge Conductivity:	-1.3

Flow Meter Reading:

Flow Rate (GPM):	60
Total Gallons:	2720425.0 @ 9:45
(meter display in 100 of gallons)	

Effluent Flow Meter Reading:

Flow Rate (GPH):	248.5
Total Gallons:	23695215 @ 09:45

Computer Totalizer Display: 566439263 @ 9:45

**DEC-GREATNECK110 / STANTON CLEANERS
MONTHLY SITE DATA INFORMATION SHEET**

Date: 12/7/2020

Tech: JB

SVE Air Monitoring Log

	Pipe ID	Instrument: 4-gas meter, minirae3000					Instrument: Velocicalc				
		VOC *	CO	O2(%)	LEL(%)	H2S	Temp (F)	Vac/Press (inH2O)	%RH	Dew Pt (F)	Flow (cfm)
SVE-Influent	5.709	4	0	20.4	0	0	69	-13.7	45	47	186
Post-Blower-Pre-Carbon	5.706	3.9	0	20.4	0	0	81	0.7	37	54	131
EPA-SVE-1 (shallow)	1.913	0.0	0	20.4	0	0	44	-8.6	40	38	9
EPA-SVE-1 (medium)	1.913	0.0	0	20.4	0	0	42	-8.7	28	42	10
EPA-SVE-2 (shallow)	1.913	0.0	0	20.4	0	0	46	-0.2	44	40	4
EPA-SVE-2 (medium)	1.913	0.0	0	20.4	0	0	44	-0.4	50	29	6
SS-A	1.913	0.0	0	20.4	0	0	45	-6.3	26	14	54
SVE-3A	1.913	2.8	0	20.4	0	0	43	-9.4	51	26	16
SVE-3B	1.913	1.1	0	20.4	0	0	46	-7.6	42	24	90
SVE-1 Combined	1.913	0.0	0	20.4	0	0	43	-9.4	77	36	19
SVE-2 Combined	1.913	0.0	0	20.4	0	0	46	-6.1	78	39	48
Background	n/a	0.0	0	20.8	0	0	35	-	-	-	-

Notes:

* ppm

**DEC-GREATNECK110 / STANTON CLEANERS
MONTHLY SITE DATA INFORMATION SHEET**

Date: 12/7/2020

Tech: JB

Water Level Data Summary

Well ID	Time	DTW (ft)	Comments
EPA-MW-26	-	59.15	
ST-MW-16	-	56.19	
EPA-MW-23	-	64.22	
EPA-MW-27	-	51.88	
ST-MW-14	-	51.80	
ST-MW-11	-	59.20	
EPA-MW-11D	-	58.65	
ST-MW-18	-	-	
ST-MW-12	-	70.71	
ST-MW-17	-	70.72	
ST-MW-20	-	71.45	
EPA-MW-9A	-	60.98	
ST-MW-19	-	66.32	
ST-MW-15	-	73.10	
ST-MW-13	-	86.90	
EPA-MW-21R	-	-	No access - station fenced off

ANALYTICAL REPORT

Job Number: 460-224433-1

Job Description: DEC - GREATNECK110 SITE:130072

Contract Number: C008010

For:

New York State D.E.C.

625 Broadway

11th Floor

Albany, NY 12233-3256

Attention: Mr. Payson Long



Approved for release.
Julie L. Gilmore
Project Manager I
12/15/2020 9:29 AM

Julie L Gilmore, Project Manager I
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12/15/2020

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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: 460-224433-1

Job Description: DEC - GREATNECK110 SITE:130072

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
12/15/2020 9:29 AM

Julie L Gilmore

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CASE NARRATIVE

Client: New York State D.E.C.

Project: DEC - GREATNECK110 SITE:130072

Report Number: 460-224433-1

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 12/08/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.3 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 BY GC/MS

Samples EPA-EXT-02 (460-224433-1) and Effluent (460-224433-2) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA Method 624.1. The samples were analyzed on 12/12/2020.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: New York State D.E.C.

Job ID: 460-224433-1

Project/Site: DEC - GREATNECK110 SITE:130072

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-224433-1	EPA-EXT-02	Water	12/07/20 10:50	12/08/20 19:00	
460-224433-2	Effluent	Water	12/07/20 11:00	12/08/20 19:00	

Detection Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Client Sample ID: EPA-EXT-02

Lab Sample ID: 460-224433-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.9		1.0	0.25	ug/L	1		624.1	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 460-224433-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.51	J	1.0	0.25	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: New York State D.E.C.

Job ID: 460-224433-1

Project/Site: DEC - GREATNECK110 SITE:130072

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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 - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Client Sample ID: EPA-EXT-02

Lab Sample ID: 460-224433-1

Date Collected: 12/07/20 10:50

Matrix: Water

Date Received: 12/08/20 19:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			12/12/20 15:51	1
Chloromethane	0.43	U	1.0	0.43	ug/L			12/12/20 15:51	1
Bromomethane	0.45	U	1.0	0.45	ug/L			12/12/20 15:51	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			12/12/20 15:51	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 15:51	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			12/12/20 15:51	1
Freon TF	0.31	U	1.0	0.31	ug/L			12/12/20 15:51	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 15:51	1
Acetone	5.0	U	6.0	5.0	ug/L			12/12/20 15:51	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/12/20 15:51	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			12/12/20 15:51	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/12/20 15:51	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/12/20 15:51	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/12/20 15:51	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/12/20 15:51	1
MTBE	0.20	U	1.0	0.20	ug/L			12/12/20 15:51	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/12/20 15:51	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			12/12/20 15:51	1
2-Butanone	1.9	U	5.0	1.9	ug/L			12/12/20 15:51	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/12/20 15:51	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			12/12/20 15:51	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/12/20 15:51	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/12/20 15:51	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/12/20 15:51	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/12/20 15:51	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/12/20 15:51	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			12/12/20 15:51	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			12/12/20 15:51	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			12/12/20 15:51	1
Benzene	0.43	U	1.0	0.43	ug/L			12/12/20 15:51	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/12/20 15:51	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/12/20 15:51	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			12/12/20 15:51	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			12/12/20 15:51	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/12/20 15:51	1
Tetrachloroethene	3.9		1.0	0.25	ug/L			12/12/20 15:51	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			12/12/20 15:51	1
Toluene	0.38	U	1.0	0.38	ug/L			12/12/20 15:51	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/12/20 15:51	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/12/20 15:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/12/20 15:51	1
Styrene	0.42	U	1.0	0.42	ug/L			12/12/20 15:51	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			12/12/20 15:51	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			12/12/20 15:51	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			12/12/20 15:51	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			12/12/20 15:51	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			12/12/20 15:51	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/12/20 15:51	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Client Sample ID: EPA-EXT-02

Lab Sample ID: 460-224433-1

Date Collected: 12/07/20 10:50

Matrix: Water

Date Received: 12/08/20 19:00

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>12/12/20 15:51</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	95		60 - 140					12/12/20 15:51	1
<i>Toluene-d8 (Surr)</i>	99		60 - 140					12/12/20 15:51	1
<i>Bromofluorobenzene</i>	104		60 - 140					12/12/20 15:51	1
<i>Dibromofluoromethane (Surr)</i>	103		60 - 140					12/12/20 15:51	1

Client Sample ID: Effluent

Lab Sample ID: 460-224433-2

Date Collected: 12/07/20 11:00

Matrix: Water

Date Received: 12/08/20 19:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			12/12/20 16:16	1
Chloromethane	0.43	U	1.0	0.43	ug/L			12/12/20 16:16	1
Bromomethane	0.45	U	1.0	0.45	ug/L			12/12/20 16:16	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			12/12/20 16:16	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 16:16	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			12/12/20 16:16	1
Freon TF	0.31	U	1.0	0.31	ug/L			12/12/20 16:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 16:16	1
Acetone	5.0	U	6.0	5.0	ug/L			12/12/20 16:16	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/12/20 16:16	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			12/12/20 16:16	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/12/20 16:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/12/20 16:16	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/12/20 16:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/12/20 16:16	1
MTBE	0.20	U	1.0	0.20	ug/L			12/12/20 16:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/12/20 16:16	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			12/12/20 16:16	1
2-Butanone	1.9	U	5.0	1.9	ug/L			12/12/20 16:16	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/12/20 16:16	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			12/12/20 16:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/12/20 16:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/12/20 16:16	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/12/20 16:16	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/12/20 16:16	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/12/20 16:16	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			12/12/20 16:16	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			12/12/20 16:16	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			12/12/20 16:16	1
Benzene	0.43	U	1.0	0.43	ug/L			12/12/20 16:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/12/20 16:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/12/20 16:16	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			12/12/20 16:16	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			12/12/20 16:16	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/12/20 16:16	1
Tetrachloroethene	0.51	J	1.0	0.25	ug/L			12/12/20 16:16	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			12/12/20 16:16	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Client Sample ID: Effluent

Lab Sample ID: 460-224433-2

Date Collected: 12/07/20 11:00

Matrix: Water

Date Received: 12/08/20 19:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.38	U	1.0	0.38	ug/L			12/12/20 16:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/12/20 16:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/12/20 16:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/12/20 16:16	1
Styrene	0.42	U	1.0	0.42	ug/L			12/12/20 16:16	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			12/12/20 16:16	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			12/12/20 16:16	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			12/12/20 16:16	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			12/12/20 16:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			12/12/20 16:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/12/20 16:16	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					12/12/20 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		60 - 140		12/12/20 16:16	1
Toluene-d8 (Surr)	101		60 - 140		12/12/20 16:16	1
Bromofluorobenzene	103		60 - 140		12/12/20 16:16	1
Dibromofluoromethane (Surr)	103		60 - 140		12/12/20 16:16	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA	TOL	BFB	DBFM
		(60-140)	(60-140)	(60-140)	(60-140)
460-224433-1	EPA-EXT-02	95	99	104	103
460-224433-2	Effluent	94	101	103	103
LCS 460-746441/4	Lab Control Sample	94	99	106	106
LCSD 460-746441/5	Lab Control Sample Dup	94	98	105	102
MB 460-746441/8	Method Blank	93	100	103	104

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-746441/8

Matrix: Water

Analysis Batch: 746441

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	U	1.0	0.41	ug/L			12/12/20 10:33	1
Chloromethane	0.43	U	1.0	0.43	ug/L			12/12/20 10:33	1
Bromomethane	0.45	U	1.0	0.45	ug/L			12/12/20 10:33	1
Vinyl chloride	0.34	U	1.0	0.34	ug/L			12/12/20 10:33	1
Ethyl Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 10:33	1
Trichlorofluoromethane	0.14	U	1.0	0.14	ug/L			12/12/20 10:33	1
Freon TF	0.31	U	1.0	0.31	ug/L			12/12/20 10:33	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			12/12/20 10:33	1
Acetone	5.0	U	6.0	5.0	ug/L			12/12/20 10:33	1
Carbon disulfide	0.16	U	1.0	0.16	ug/L			12/12/20 10:33	1
Methyl acetate	0.31	U	5.0	0.31	ug/L			12/12/20 10:33	1
1,1-Dichloroethene	0.12	U	1.0	0.12	ug/L			12/12/20 10:33	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			12/12/20 10:33	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			12/12/20 10:33	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			12/12/20 10:33	1
MTBE	0.20	U	1.0	0.20	ug/L			12/12/20 10:33	1
Chloroform	0.33	U	1.0	0.33	ug/L			12/12/20 10:33	1
1,2-Dichloroethane	0.84	U	1.0	0.84	ug/L			12/12/20 10:33	1
2-Butanone	1.9	U	5.0	1.9	ug/L			12/12/20 10:33	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			12/12/20 10:33	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			12/12/20 10:33	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			12/12/20 10:33	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			12/12/20 10:33	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			12/12/20 10:33	1
cis-1,3-Dichloropropene	0.46	U	1.0	0.46	ug/L			12/12/20 10:33	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			12/12/20 10:33	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			12/12/20 10:33	1
Dibromochloromethane	0.13	U	1.0	0.13	ug/L			12/12/20 10:33	1
1,1,2-Trichloroethane	0.15	U	1.0	0.15	ug/L			12/12/20 10:33	1
Benzene	0.43	U	1.0	0.43	ug/L			12/12/20 10:33	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			12/12/20 10:33	1
Bromoform	0.54	U	1.0	0.54	ug/L			12/12/20 10:33	1
Isopropylbenzene	0.16	U	1.0	0.16	ug/L			12/12/20 10:33	1
4-Methyl-2-pentanone	2.7	U	5.0	2.7	ug/L			12/12/20 10:33	1
2-Hexanone	2.9	U	5.0	2.9	ug/L			12/12/20 10:33	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			12/12/20 10:33	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			12/12/20 10:33	1
Toluene	0.38	U	1.0	0.38	ug/L			12/12/20 10:33	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			12/12/20 10:33	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			12/12/20 10:33	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			12/12/20 10:33	1
Styrene	0.42	U	1.0	0.42	ug/L			12/12/20 10:33	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			12/12/20 10:33	1
1,3-Dichlorobenzene	0.13	U	1.0	0.13	ug/L			12/12/20 10:33	1
1,4-Dichlorobenzene	0.18	U	1.0	0.18	ug/L			12/12/20 10:33	1
1,2-Dichlorobenzene	0.19	U	1.0	0.19	ug/L			12/12/20 10:33	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			12/12/20 10:33	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			12/12/20 10:33	1

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-746441/8

Matrix: Water

Analysis Batch: 746441

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>MB</i> <i>Est. Result</i>	<i>MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>12/12/20 10:33</i>	<i>1</i>
<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>93</i>		<i>60 - 140</i>					<i>12/12/20 10:33</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>100</i>		<i>60 - 140</i>					<i>12/12/20 10:33</i>	<i>1</i>
<i>Bromofluorobenzene</i>	<i>103</i>		<i>60 - 140</i>					<i>12/12/20 10:33</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>104</i>		<i>60 - 140</i>					<i>12/12/20 10:33</i>	<i>1</i>

Lab Sample ID: LCS 460-746441/4

Matrix: Water

Analysis Batch: 746441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
Dichlorodifluoromethane	20.0	22.4		ug/L		112	60 - 140
Chloromethane	20.0	21.6		ug/L		108	0.1 - 205
Bromomethane	20.0	21.6		ug/L		108	15 - 185
Vinyl chloride	20.0	22.8		ug/L		114	5 - 195
Ethyl Chloride	20.0	22.3		ug/L		111	40 - 160
Trichlorofluoromethane	20.0	24.3		ug/L		122	50 - 150
Freon TF	20.0	21.9		ug/L		109	60 - 140
Methylene Chloride	20.0	22.7		ug/L		113	60 - 140
Acetone	100	103		ug/L		103	60 - 140
Carbon disulfide	20.0	23.9		ug/L		120	60 - 140
Methyl acetate	40.0	43.2		ug/L		108	60 - 140
1,1-Dichloroethene	20.0	24.1		ug/L		121	50 - 150
1,1-Dichloroethane	20.0	22.9		ug/L		114	70 - 130
cis-1,2-Dichloroethene	20.0	23.7		ug/L		118	60 - 140
trans-1,2-Dichloroethene	20.0	23.7		ug/L		118	70 - 130
MTBE	20.0	21.3		ug/L		106	60 - 140
Chloroform	20.0	22.6		ug/L		113	70 - 135
1,2-Dichloroethane	20.0	20.4		ug/L		102	70 - 130
2-Butanone	100	113		ug/L		113	60 - 140
1,1,1-Trichloroethane	20.0	22.1		ug/L		110	70 - 130
Cyclohexane	20.0	21.9		ug/L		110	60 - 140
Carbon tetrachloride	20.0	20.8		ug/L		104	70 - 130
Bromodichloromethane	20.0	21.1		ug/L		105	65 - 135
1,2-Dichloropropane	20.0	21.7		ug/L		108	35 - 165
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	25 - 175
Trichloroethene	20.0	20.9		ug/L		105	65 - 135
Methylcyclohexane	20.0	22.1		ug/L		110	60 - 140
Dibromochloromethane	20.0	19.1		ug/L		95	70 - 135
1,1,2-Trichloroethane	20.0	22.7		ug/L		113	70 - 130
Benzene	20.0	22.5		ug/L		112	65 - 135
trans-1,3-Dichloropropene	20.0	19.3		ug/L		96	50 - 150
Bromoform	20.0	18.5		ug/L		92	70 - 130
Isopropylbenzene	20.0	22.4		ug/L		112	60 - 140
4-Methyl-2-pentanone	100	114		ug/L		114	60 - 140
2-Hexanone	100	109		ug/L		109	60 - 140

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-746441/4

Matrix: Water

Analysis Batch: 746441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	20.0	21.8		ug/L		109	70 - 130
1,2-Dibromoethane	20.0	21.8		ug/L		109	60 - 140
Toluene	20.0	21.1		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		102	60 - 140
Chlorobenzene	20.0	22.1		ug/L		111	65 - 135
Ethylbenzene	20.0	21.8		ug/L		109	60 - 140
Styrene	20.0	22.4		ug/L		112	60 - 140
1,2-Dibromo-3-Chloropropane	20.0	17.4		ug/L		87	60 - 140
1,3-Dichlorobenzene	20.0	21.6		ug/L		108	70 - 130
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	65 - 135
1,2-Dichlorobenzene	20.0	22.5		ug/L		112	65 - 135
1,2,4-Trichlorobenzene	20.0	22.9		ug/L		114	60 - 140
Xylenes, Total	40.0	45.0		ug/L		112	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	99		60 - 140
Bromofluorobenzene	106		60 - 140
Dibromofluoromethane (Surr)	106		60 - 140

Lab Sample ID: LCSD 460-746441/5

Matrix: Water

Analysis Batch: 746441

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
Dichlorodifluoromethane	20.0	20.2		ug/L		101	60 - 140	10	50
Chloromethane	20.0	20.2		ug/L		101	0.1 - 205	7	60
Bromomethane	20.0	20.1		ug/L		101	15 - 185	7	61
Vinyl chloride	20.0	20.6		ug/L		103	5 - 195	10	66
Ethyl Chloride	20.0	21.2		ug/L		106	40 - 160	5	78
Trichlorofluoromethane	20.0	21.4		ug/L		107	50 - 150	13	84
Freon TF	20.0	19.0		ug/L		95	60 - 140	14	50
Methylene Chloride	20.0	20.7		ug/L		103	60 - 140	9	28
Acetone	100	106		ug/L		106	60 - 140	2	50
Carbon disulfide	20.0	20.6		ug/L		103	60 - 140	15	50
Methyl acetate	40.0	39.6		ug/L		99	60 - 140	9	50
1,1-Dichloroethene	20.0	21.0		ug/L		105	50 - 150	14	32
1,1-Dichloroethane	20.0	20.0		ug/L		100	70 - 130	13	40
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	60 - 140	12	50
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	70 - 130	15	45
MTBE	20.0	19.3		ug/L		97	60 - 140	10	50
Chloroform	20.0	20.1		ug/L		101	70 - 135	12	54
1,2-Dichloroethane	20.0	18.2		ug/L		91	70 - 130	12	49
2-Butanone	100	106		ug/L		106	60 - 140	6	50
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	70 - 130	11	36
Cyclohexane	20.0	18.8		ug/L		94	60 - 140	15	50
Carbon tetrachloride	20.0	18.4		ug/L		92	70 - 130	12	41
Bromodichloromethane	20.0	18.9		ug/L		95	65 - 135	11	56

Eurofins TestAmerica, Edison

QC Sample Results

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-746441/5

Matrix: Water

Analysis Batch: 746441

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-Dichloropropane	20.0	19.4		ug/L		97	35 - 165	11	55
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	25 - 175	7	58
Trichloroethene	20.0	19.4		ug/L		97	65 - 135	7	48
Methylcyclohexane	20.0	19.6		ug/L		98	60 - 140	12	50
Dibromochloromethane	20.0	18.0		ug/L		90	70 - 135	6	50
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	70 - 130	14	45
Benzene	20.0	19.8		ug/L		99	65 - 135	13	61
trans-1,3-Dichloropropene	20.0	17.5		ug/L		87	50 - 150	10	86
Bromoform	20.0	17.1		ug/L		86	70 - 130	8	42
Isopropylbenzene	20.0	20.2		ug/L		101	60 - 140	10	50
4-Methyl-2-pentanone	100	106		ug/L		106	60 - 140	8	50
2-Hexanone	100	101		ug/L		101	60 - 140	8	50
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 130	13	39
1,2-Dibromoethane	20.0	19.7		ug/L		99	60 - 140	10	50
Toluene	20.0	19.7		ug/L		99	70 - 130	7	41
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	60 - 140	9	61
Chlorobenzene	20.0	20.1		ug/L		100	65 - 135	10	53
Ethylbenzene	20.0	19.4		ug/L		97	60 - 140	12	63
Styrene	20.0	20.1		ug/L		100	60 - 140	11	50
1,2-Dibromo-3-Chloropropane	20.0	16.6		ug/L		83	60 - 140	5	50
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	70 - 130	10	43
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	65 - 135	12	57
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	65 - 135	10	57
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		104	60 - 140	10	50
Xylenes, Total	40.0	39.8		ug/L		100	60 - 140	12	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	98		60 - 140
Bromofluorobenzene	105		60 - 140
Dibromofluoromethane (Surr)	102		60 - 140

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

GC/MS VOA

Analysis Batch: 746441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-224433-1	EPA-EXT-02	Total/NA	Water	624.1	
460-224433-2	Effluent	Total/NA	Water	624.1	
MB 460-746441/8	Method Blank	Total/NA	Water	624.1	
LCS 460-746441/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-746441/5	Lab Control Sample Dup	Total/NA	Water	624.1	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

Client Sample ID: EPA-EXT-02

Lab Sample ID: 460-224433-1

Date Collected: 12/07/20 10:50

Matrix: Water

Date Received: 12/08/20 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	746441	12/12/20 15:51	MZS	TAL EDI

Client Sample ID: Effluent

Lab Sample ID: 460-224433-2

Date Collected: 12/07/20 11:00

Matrix: Water

Date Received: 12/08/20 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	746441	12/12/20 16:16	MZS	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.
Project/Site: DEC - GREATNECK110 SITE:130072

Job ID: 460-224433-1

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
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-20-00244	11-03-23

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

Eurofins TestAmerica, Edison

624.1_PREC

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
EPA-EXT-02	460-224433-1	103	95	99	104
Effluent	460-224433-2	103	94	101	103
	MB 460-746441/8	104	93	100	103
	LCS 460-746441/4	106	94	99	106
	LCSD 460-746441/5	102	94	98	105

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

QC LIMITS
60-140
60-140
60-140
60-140

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F08689.D
 Lab ID: LCS 460-746441/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	22.4	112	60-140	
Chloromethane	20.0	21.6	108	0.1-205	
Bromomethane	20.0	21.6	108	15-185	
Vinyl chloride	20.0	22.8	114	5-195	
Ethyl Chloride	20.0	22.3	111	40-160	
Trichlorofluoromethane	20.0	24.3	122	50-150	
Freon TF	20.0	21.9	109	60-140	
Methylene Chloride	20.0	22.7	113	60-140	
Acetone	100	103	103	60-140	
Carbon disulfide	20.0	23.9	120	60-140	
Methyl acetate	40.0	43.2	108	60-140	
1,1-Dichloroethene	20.0	24.1	121	50-150	
1,1-Dichloroethane	20.0	22.9	114	70-130	
cis-1,2-Dichloroethene	20.0	23.7	118	60-140	
trans-1,2-Dichloroethene	20.0	23.7	118	70-130	
MTBE	20.0	21.3	106	60-140	
Chloroform	20.0	22.6	113	70-135	
1,2-Dichloroethane	20.0	20.4	102	70-130	
2-Butanone	100	113	113	60-140	
1,1,1-Trichloroethane	20.0	22.1	110	70-130	
Cyclohexane	20.0	21.9	110	60-140	
Carbon tetrachloride	20.0	20.8	104	70-130	
Bromodichloromethane	20.0	21.1	105	65-135	
1,2-Dichloropropane	20.0	21.7	108	35-165	
cis-1,3-Dichloropropene	20.0	20.0	100	25-175	
Trichloroethene	20.0	20.9	105	65-135	
Methylcyclohexane	20.0	22.1	110	60-140	
Dibromochloromethane	20.0	19.1	95	70-135	
1,1,2-Trichloroethane	20.0	22.7	113	70-130	
Benzene	20.0	22.5	112	65-135	
trans-1,3-Dichloropropene	20.0	19.3	96	50-150	
Bromoform	20.0	18.5	92	70-130	
Isopropylbenzene	20.0	22.4	112	60-140	
4-Methyl-2-pentanone	100	114	114	60-140	
2-Hexanone	100	109	109	60-140	
Tetrachloroethene	20.0	21.8	109	70-130	
1,2-Dibromoethane	20.0	21.8	109	60-140	
Toluene	20.0	21.1	105	70-130	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	60-140	
Chlorobenzene	20.0	22.1	111	65-135	
Ethylbenzene	20.0	21.8	109	60-140	
Styrene	20.0	22.4	112	60-140	

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.: 460-224433-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F08689.D
 Lab ID: LCS 460-746441/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	60-140	
1,3-Dichlorobenzene	20.0	21.6	108	70-130	
1,4-Dichlorobenzene	20.0	22.2	111	65-135	
1,2-Dichlorobenzene	20.0	22.5	112	65-135	
1,2,4-Trichlorobenzene	20.0	22.9	114	60-140	
Xylenes, Total	40.0	45.0	112	60-140	

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.: 460-224433-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F08690.D

Lab ID: LCSD 460-746441/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	20.0	20.2	101	10	50	60-140	
Chloromethane	20.0	20.2	101	7	60	0.1-205	
Bromomethane	20.0	20.1	101	7	61	15-185	
Vinyl chloride	20.0	20.6	103	10	66	5-195	
Ethyl Chloride	20.0	21.2	106	5	78	40-160	
Trichlorofluoromethane	20.0	21.4	107	13	84	50-150	
Freon TF	20.0	19.0	95	14	50	60-140	
Methylene Chloride	20.0	20.7	103	9	28	60-140	
Acetone	100	106	106	2	50	60-140	
Carbon disulfide	20.0	20.6	103	15	50	60-140	
Methyl acetate	40.0	39.6	99	9	50	60-140	
1,1-Dichloroethene	20.0	21.0	105	14	32	50-150	
1,1-Dichloroethane	20.0	20.0	100	13	40	70-130	
cis-1,2-Dichloroethene	20.0	21.0	105	12	50	60-140	
trans-1,2-Dichloroethene	20.0	20.4	102	15	45	70-130	
MTBE	20.0	19.3	97	10	50	60-140	
Chloroform	20.0	20.1	101	12	54	70-135	
1,2-Dichloroethane	20.0	18.2	91	12	49	70-130	
2-Butanone	100	106	106	6	50	60-140	
1,1,1-Trichloroethane	20.0	19.7	99	11	36	70-130	
Cyclohexane	20.0	18.8	94	15	50	60-140	
Carbon tetrachloride	20.0	18.4	92	12	41	70-130	
Bromodichloromethane	20.0	18.9	95	11	56	65-135	
1,2-Dichloropropane	20.0	19.4	97	11	55	35-165	
cis-1,3-Dichloropropene	20.0	18.7	93	7	58	25-175	
Trichloroethene	20.0	19.4	97	7	48	65-135	
Methylcyclohexane	20.0	19.6	98	12	50	60-140	
Dibromochloromethane	20.0	18.0	90	6	50	70-135	
1,1,2-Trichloroethane	20.0	19.7	99	14	45	70-130	
Benzene	20.0	19.8	99	13	61	65-135	
trans-1,3-Dichloropropene	20.0	17.5	87	10	86	50-150	
Bromoform	20.0	17.1	86	8	42	70-130	
Isopropylbenzene	20.0	20.2	101	10	50	60-140	
4-Methyl-2-pentanone	100	106	106	8	50	60-140	
2-Hexanone	100	101	101	8	50	60-140	
Tetrachloroethene	20.0	19.2	96	13	39	70-130	
1,2-Dibromoethane	20.0	19.7	99	10	50	60-140	
Toluene	20.0	19.7	99	7	41	70-130	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	9	61	60-140	
Chlorobenzene	20.0	20.1	100	10	53	65-135	
Ethylbenzene	20.0	19.4	97	12	63	60-140	
Styrene	20.0	20.1	100	11	50	60-140	

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.: 460-224433-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F08690.D
 Lab ID: LCSD 460-746441/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2-Dibromo-3-Chloropropane	20.0	16.6	83	5	50	60-140	
1,3-Dichlorobenzene	20.0	19.5	98	10	43	70-130	
1,4-Dichlorobenzene	20.0	19.7	98	12	57	65-135	
1,2-Dichlorobenzene	20.0	20.3	102	10	57	65-135	
1,2,4-Trichlorobenzene	20.0	20.7	104	10	50	60-140	
Xylenes, Total	40.0	39.8	100	12	50	60-140	

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.: 460-224433-1
SDG No.: _____
Lab File ID: F08693.D Lab Sample ID: MB 460-746441/8
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS6 Date Analyzed: 12/12/2020 10:33
GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-746441/4	F08689.D	12/12/2020 08:54
	LCSD 460-746441/5	F08690.D	12/12/2020 09:19
EPA-EXT-02	460-224433-1	F08706.D	12/12/2020 15:51
Effluent	460-224433-2	F08707.D	12/12/2020 16:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Lab File ID: F08547.D BFB Injection Date: 12/09/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 13:14
 Analysis Batch No.: 745629

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.7
75	30.0 - 60.0 % of mass 95	51.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	Greater than 50% of mass 95	87.9
175	5.0 - 9.0 % of mass 174	7.1 (8.1) 1
176	95.0 - 101.0 % of mass 174	83.9 (95.4) 1
177	5.0 - 9.0 % of mass 176	6.1 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-745629/3	F08549.D	12/09/2020	14:03
	STD1 460-745629/4	F08550.D	12/09/2020	14:27
	STD5 460-745629/6	F08552.D	12/09/2020	15:17
	STD20 460-745629/7	F08553.D	12/09/2020	15:41
	STD50 460-745629/8	F08554.D	12/09/2020	16:06
	STD200 460-745629/9	F08555.D	12/09/2020	16:30
	STD500 460-745629/10	F08556.D	12/09/2020	16:55
	ICV 460-745629/18	F08564.D	12/10/2020	0:00

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Lab File ID: F08686.D BFB Injection Date: 12/12/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 07:39
 Analysis Batch No.: 746441

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.1
75	30.0 - 60.0 % of mass 95	48.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	98.7
175	5.0 - 9.0 % of mass 174	7.3 (7.4) 1
176	95.0 - 101.0 % of mass 174	95.1 (96.4) 1
177	5.0 - 9.0 % of mass 176	5.7 (6.0) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-746441/3	F08688.D	12/12/2020	8:29
	LCS 460-746441/4	F08689.D	12/12/2020	8:54
	LCSD 460-746441/5	F08690.D	12/12/2020	9:19
	MB 460-746441/8	F08693.D	12/12/2020	10:33
EPA-EXT-02	460-224433-1	F08706.D	12/12/2020	15:51
Effluent	460-224433-2	F08707.D	12/12/2020	16:16

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Sample No.: STD20 460-745629/7 Date Analyzed: 12/09/2020 15:41
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F08553.D Heated Purge: (Y/N) N
 Calibration ID: 83046

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	339054	3.11	293511	4.13	551107	5.19	
UPPER LIMIT	678108	3.61	587022	4.63	1102214	5.69	
LOWER LIMIT	169527	2.61	146756	3.63	275554	4.69	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-745629/18		275082	3.10	240711	4.12	501518	5.19

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.: 460-224433-1
 SDG No.: _____
 Sample No.: STD20 460-745629/7 Date Analyzed: 12/09/2020 15:41
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F08553.D Heated Purge: (Y/N) N
 Calibration ID: 83046

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	33582	5.87	421269	8.60	268527	10.84
UPPER LIMIT	67164	6.37	842538	9.10	537054	11.34
LOWER LIMIT	16791	5.37	210635	8.10	134264	10.34
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-745629/18		30284	5.87	386943	8.59	247031 10.84

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.: 460-224433-1
 SDG No.: _____
 Sample No.: CCVIS 460-746441/3 Date Analyzed: 12/12/2020 08:29
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F08688.D Heated Purge: (Y/N) N
 Calibration ID: 83046

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		217581	3.10	195709	4.12	445741	5.19
UPPER LIMIT		435162	3.60	391418	4.62	891482	5.69
LOWER LIMIT		108791	2.60	97855	3.62	222871	4.69
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-746441/4		217533	3.11	188203	4.12	419040	5.19
LCSD 460-746441/5		248583	3.10	205706	4.12	455712	5.19
MB 460-746441/8		230332	3.10	196228	4.12	435385	5.19
460-224433-1	EPA-EXT-02	228395	3.11	195094	4.12	435692	5.20
460-224433-2	Effluent	210856	3.11	171249	4.11	379263	5.19

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.: 460-224433-1
 SDG No.: _____
 Sample No.: CCVIS 460-746441/3 Date Analyzed: 12/12/2020 08:29
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F08688.D Heated Purge: (Y/N) N
 Calibration ID: 83046

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23346	5.87	342838	8.60	221375	10.84
UPPER LIMIT		46692	6.37	685676	9.10	442750	11.34
LOWER LIMIT		11673	5.37	171419	8.10	110688	10.34
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-746441/4		21293	5.87	321189	8.60	214668	10.84
LCSD 460-746441/5		24976	5.87	349274	8.60	234510	10.83
MB 460-746441/8		23299	5.88	325242	8.60	220501	10.83
460-224433-1	EPA-EXT-02	21422	5.88	323999	8.60	214447	10.83
460-224433-2	Effluent	20228	5.87	286745	8.60	188090	10.84

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.: 460-224433-1

SDG No.: _____

Client Sample ID: EPA-EXT-02 Lab Sample ID: 460-224433-1

Matrix: Water Lab File ID: F08706.D

Analysis Method: 624.1 Date Collected: 12/07/2020 10:50

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2020 15:51

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	5.0	U	6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	3.9		1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: EPA-EXT-02 Lab Sample ID: 460-224433-1
 Matrix: Water Lab File ID: F08706.D
 Analysis Method: 624.1 Date Collected: 12/07/2020 10:50
 Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 15:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		60-140
2037-26-5	Toluene-d8 (Surr)	99		60-140
460-00-4	Bromofluorobenzene	104		60-140
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
SDG No.: _____
Client Sample ID: EPA-EXT-02 Lab Sample ID: 460-224433-1
Matrix: Water Lab File ID: F08706.D
Analysis Method: 624.1 Date Collected: 12/07/2020 10:50
Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 15:51
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 746441 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08706.D
 Lims ID: 460-224433-A-1
 Client ID: EPA-EXT-02
 Sample Type: Client
 Inject. Date: 12-Dec-2020 15:51:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-224433-A-1
 Misc. Info.: 460-0121489-021
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 12:26:35 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1664

First Level Reviewer: moroneyc

Date: 14-Dec-2020 07:06:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.111	3.102	0.009	0	228395	1000.0	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	195094	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.590	4.581	0.009	97	114944	51.7	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	0.000	0	114324	47.7	
* 61 Fluorobenzene	96	5.198	5.190	0.008	99	435692	50.0	
* 67 1,4-Dioxane-d8	96	5.880	5.872	0.008	0	21422	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	99	376905	49.7	
83 Tetrachloroethene	166	7.515	7.507	0.008	94	9020	3.89	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	84	323999	50.0	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	144953	51.8	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	93	214447	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\CVOAMS6\20201212-121489.b\F08706.D

Injection Date: 12-Dec-2020 15:51:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-224433-A-1

Lab Sample ID: 460-224433-1

Worklist Smp#: 21

Client ID: EPA-EXT-02

Purge Vol: 5.000 mL

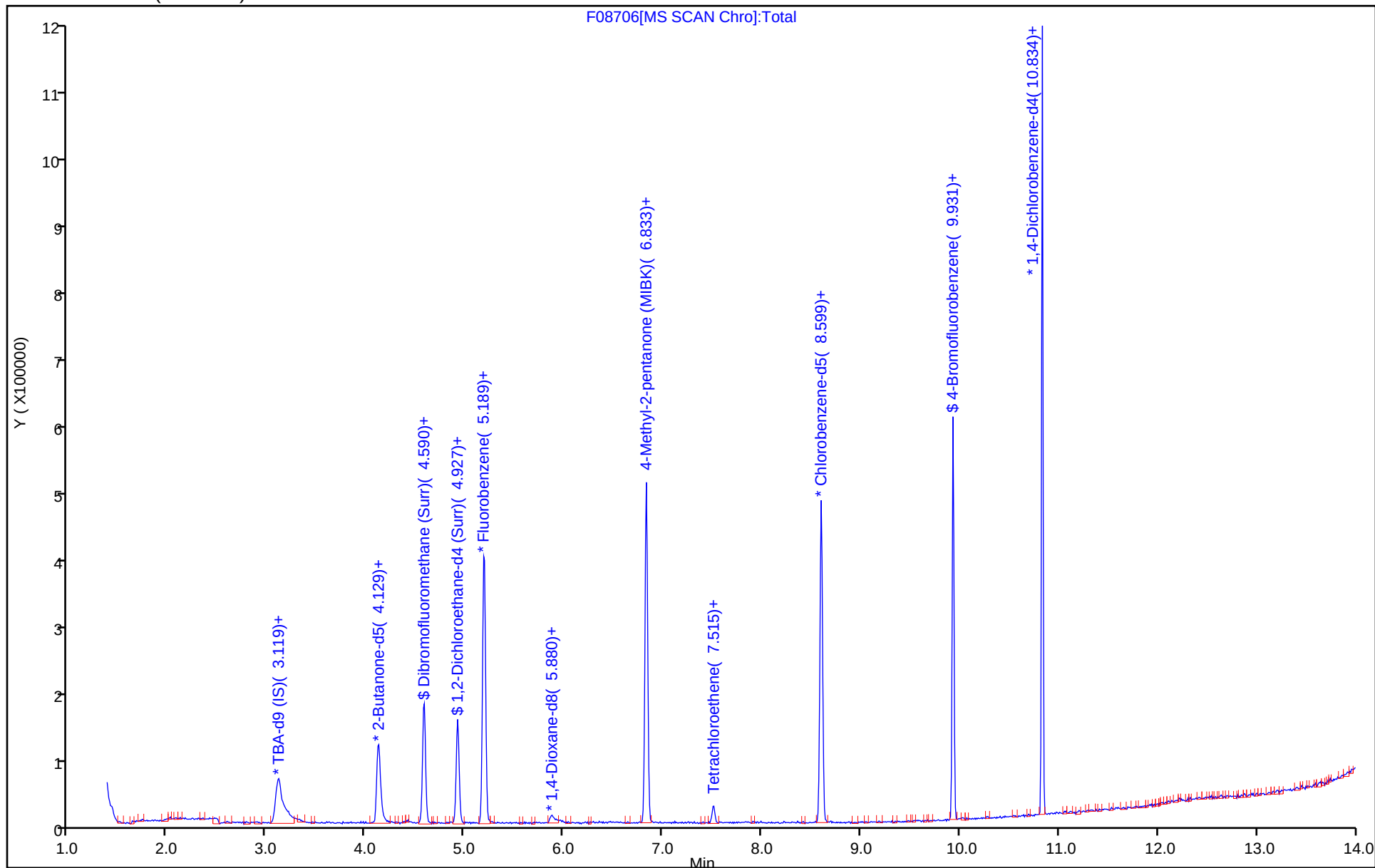
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08706.D

Injection Date: 12-Dec-2020 15:51:30

Instrument ID: CVOAMS6

Lims ID: 460-224433-A-1

Lab Sample ID: 460-224433-1

Client ID: EPA-EXT-02

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

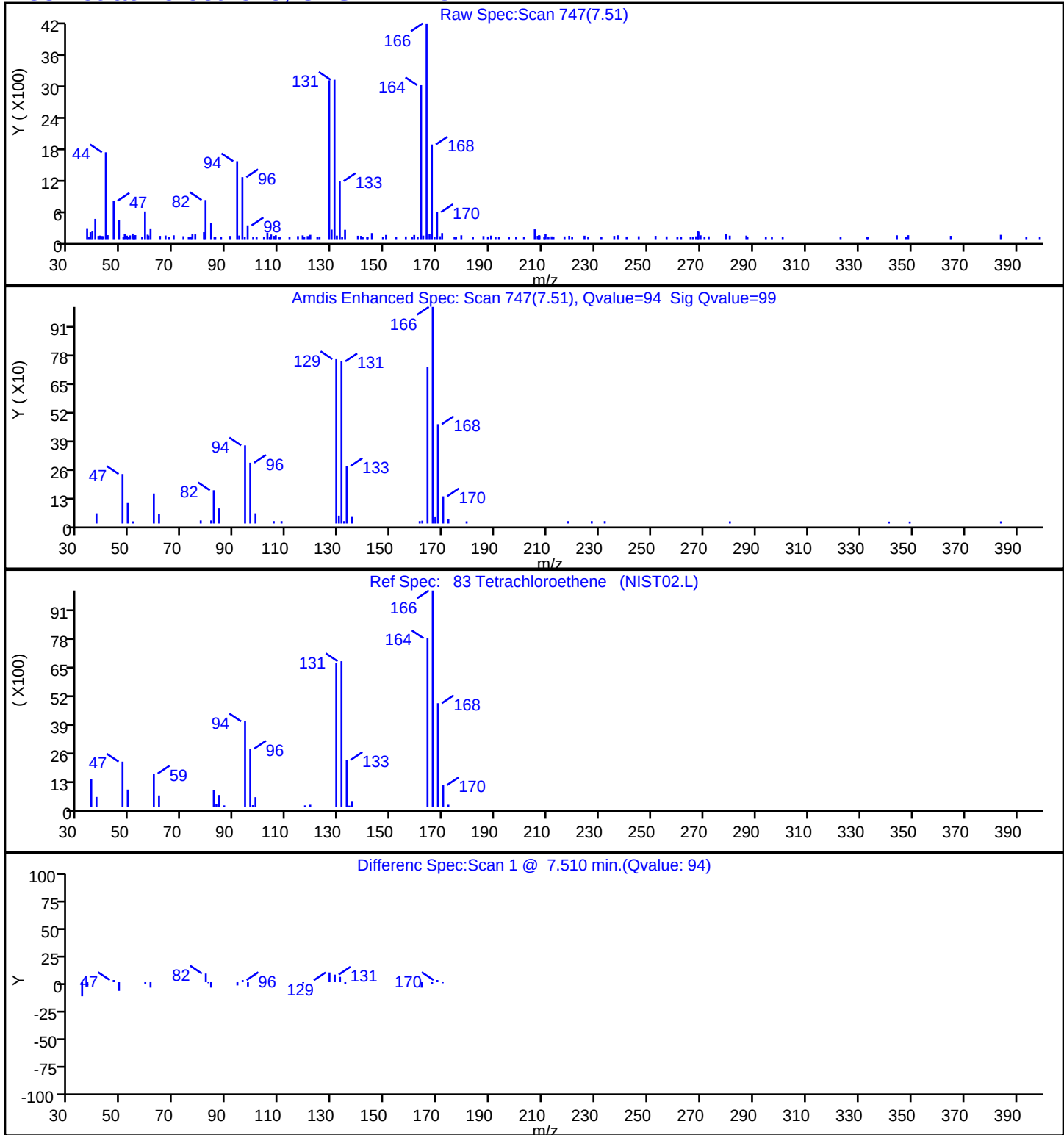
Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08706.D

Injection Date: 12-Dec-2020 15:51:30

Instrument ID: CVOAMS6

Lims ID: 460-224433-A-1

Lab Sample ID: 460-224433-1

Client ID: EPA-EXT-02

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

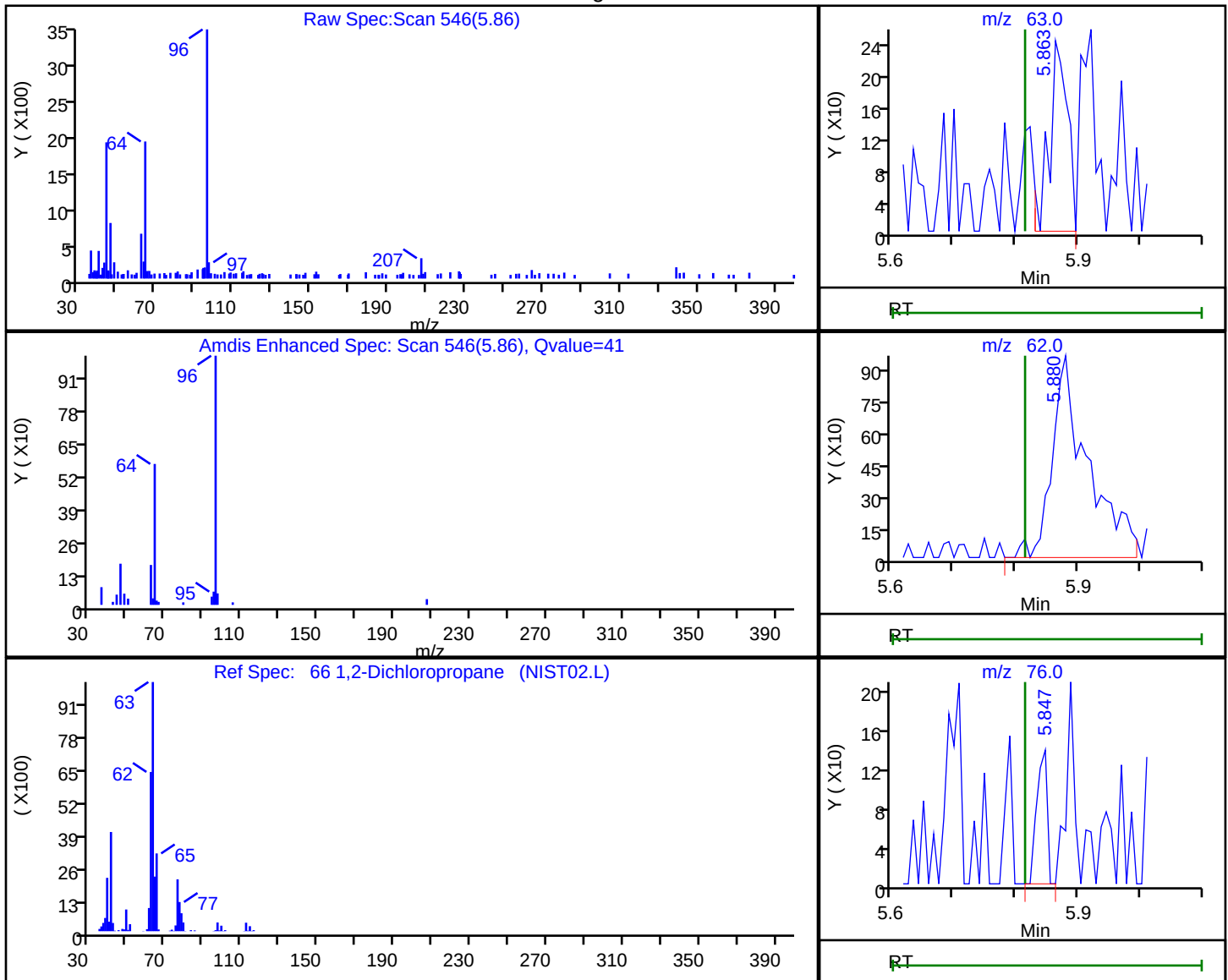
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.86	63.00	482	0.262621
5.88	62.00	3898	
5.85	76.00	156	
5.85	112.00	70	

Reviewer: moroneyc, 14-Dec-2020 07:06:39

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.: 460-224433-1

SDG No.: _____

Client Sample ID: Effluent Lab Sample ID: 460-224433-2

Matrix: Water Lab File ID: F08707.D

Analysis Method: 624.1 Date Collected: 12/07/2020 11:00

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2020 16:16

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	5.0	U	6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	0.51	J	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: Effluent Lab Sample ID: 460-224433-2
 Matrix: Water Lab File ID: F08707.D
 Analysis Method: 624.1 Date Collected: 12/07/2020 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 16:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		60-140
2037-26-5	Toluene-d8 (Surr)	101		60-140
460-00-4	Bromofluorobenzene	103		60-140
1868-53-7	Dibromofluoromethane (Surr)	103		60-140

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

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-224433-1</u>
SDG No.: _____	
Client Sample ID: <u>Effluent</u>	Lab Sample ID: <u>460-224433-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>F08707.D</u>
Analysis Method: <u>624.1</u>	Date Collected: <u>12/07/2020 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>12/12/2020 16:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>746441</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08707.D
 Lims ID: 460-224433-A-2
 Client ID: Effluent
 Sample Type: Client
 Inject. Date: 12-Dec-2020 16:16:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-224433-A-2
 Misc. Info.: 460-0121489-022
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 12:26:35 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1664

First Level Reviewer: moroneyc

Date: 14-Dec-2020 07:07:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.111	3.102	0.009	0	210856	1000.0	
* 38 2-Butanone-d5	46	4.113	4.121	-0.008	0	171249	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.581	0.000	97	99836	51.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.927	-0.009	0	97686	46.8	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	100	379263	50.0	
* 67 1,4-Dioxane-d8	96	5.871	5.872	-0.001	0	20228	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	338952	50.5	
83 Tetrachloroethene	166	7.515	7.507	0.008	88	1036	0.5054	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	83	286745	50.0	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	127807	51.6	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	-0.001	93	188090	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\CVOAMS6\20201212-121489.b\F08707.D

Injection Date: 12-Dec-2020 16:16:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-224433-A-2

Lab Sample ID: 460-224433-2

Worklist Smp#: 22

Client ID: Effluent

Purge Vol: 5.000 mL

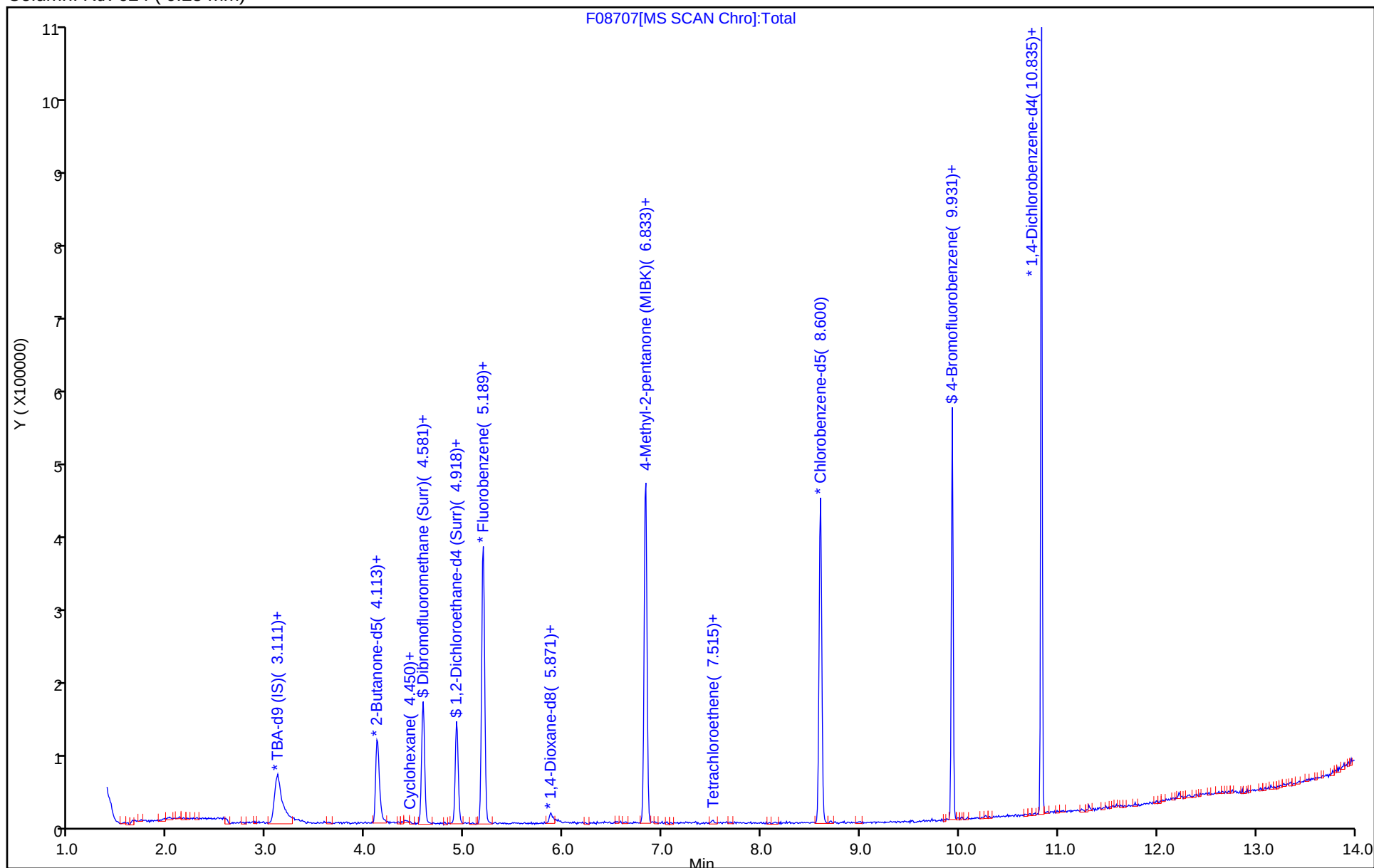
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08707.D

Injection Date: 12-Dec-2020 16:16:30

Instrument ID: CVOAMS6

Lims ID: 460-224433-A-2

Lab Sample ID: 460-224433-2

Client ID: Effluent

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

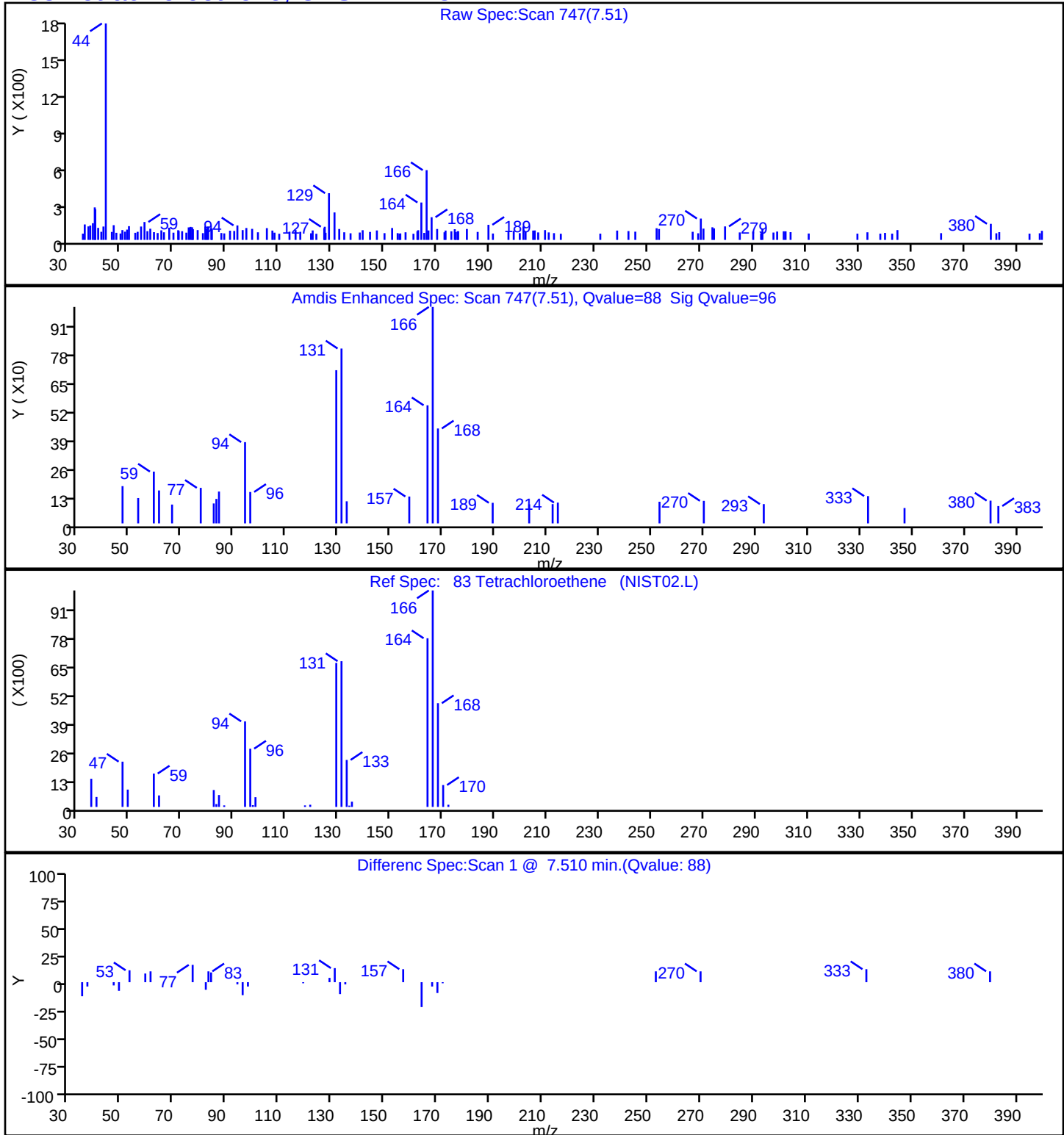
Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-745629/3	F08549.D
Level 2	STD1 460-745629/4	F08550.D
Level 3	STD5 460-745629/6	F08552.D
Level 4	STD20 460-745629/7	F08553.D
Level 5	STD50 460-745629/8	F08554.D
Level 6	STD200 460-745629/9	F08555.D
Level 7	STD500 460-745629/10	F08556.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	+++++ 0.3841	0.3613 0.3793	0.3639	0.3357	0.3895	Ave		0.3690				5.3		35.0			
Chloromethane	+++++ 0.3570	0.5129 0.3588	0.4081	0.3776	0.4085	Ave		0.4038				14.4		35.0			
Butadiene	+++++ 0.3512	0.3919 0.3595	0.3645	0.3524	0.3692	Ave		0.3648				4.1		35.0			
Vinyl chloride	+++++ 0.3967	0.4592 0.3970	0.4402	0.4046	0.4200	Ave		0.4197				6.1		35.0			
Bromomethane	+++++ 0.3481	0.4897 +++++	0.3680	0.3560	0.3854	Ave		0.3895				14.8		35.0			
Ethyl Chloride	+++++ 0.2844	0.3362 0.2688	0.2813	0.2718	0.3224	Ave		0.2942				9.6		35.0			
Trichlorofluoromethane	+++++ 0.5717	0.6627 0.5336	0.6092	0.5665	0.6047	Ave		0.5914				7.5		35.0			
Pentane	+++++ 1.9830	2.3982 +++++	2.1595	2.1088	1.9622	Ave		2.1223				8.3		35.0			
Ethanol	+++++ 0.0445	+++++ 0.0357	0.0480	0.0400	0.0456	Ave		0.0427				11.4		35.0			
Ethyl ether	+++++ 0.1952	0.2327 0.1689	0.2058	0.1700	0.1714	Ave		0.1907				13.4		35.0			
2-Methyl-1,3-butadiene	+++++ 0.2050	0.1807 0.1927	0.2157	0.1968	0.1998	Ave		0.1984				5.9		35.0			
Acrolein	+++++ 0.8591	1.0981 0.8046	0.8416	0.8839	0.7846	Ave		0.8786				12.9		35.0			
Freon TF	+++++ 0.2524	0.2990 0.2433	0.3232	0.2527	0.2544	Ave		0.2708				11.9		35.0			
1,1-Dichloroethene	+++++ 0.2285	0.1948 0.2236	0.2625	0.2251	0.2326	Ave		0.2279				9.5		35.0			

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.: 460-224433-1 Analy Batch No.: 745629
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

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 4	LVL 5		B	M1	M2								
Acetone	++++ 0.6961	0.5649 0.5338	0.8417	0.6894	0.6673	Ave		0.6655				16.5		35.0			
Iodomethane	++++ 0.4524	0.4582 0.4426	0.5119	0.4595	0.4672	Ave		0.4653				5.2		35.0			
Isopropyl alcohol	++++ 0.4385	0.5320 0.4031	0.5454	0.4883	0.4934	Ave		0.4835				11.2		35.0			
Carbon disulfide	++++ 0.7869	0.8373 0.7789	0.8732	0.8018	0.8138	Ave		0.8153				4.3		35.0			
3-Chloro-1-propene	++++ 0.3306	0.4251 0.3703	0.3910	0.3449	0.3565	Ave		0.3697				9.2		35.0			
Methyl acetate	++++ 0.1475	0.1572 0.1544	0.1808	0.1542	0.1592	Ave		0.1589				7.2		35.0			
Acetonitrile	++++ 1.1469	0.9945 1.0231	1.3376	1.1526	1.3174	Ave		1.1620				12.3		35.0			
Methylene Chloride	++++ 0.2517	0.3577 0.2482	0.2916	0.2588	0.2630	Ave		0.2785				15.0		35.0			
2-Methyl-2-propanol	++++ 0.8615	0.8818 0.7822	0.9663	0.9375	0.9175	Ave		0.8911				7.3		35.0			
MTBE	++++ 0.6931	0.6390 0.6846	0.8063	0.7081	0.7275	Ave		0.7098				7.9		35.0			
trans-1,2-Dichloroethene	++++ 0.2413	0.2834 0.2453	0.2605	0.2566	0.2491	Ave		0.2560				5.9		35.0			
Acrylonitrile	++++ 0.0870	0.1174 0.0909	0.1008	0.0921	0.0934	Ave		0.0982				10.8		35.0			
Hexane	++++ 0.1700	0.1635 0.1706	0.1715	0.1760	0.1703	Ave		0.1703				2.4		35.0			
Isopropyl ether	++++ 0.6016	0.5819 0.6039	0.6729	0.6203	0.6261	Ave		0.6178				5.0		35.0			
1,1-Dichloroethane	++++ 0.3860	0.3628 0.4051	0.4300	0.3937	0.3957	Ave		0.3956				5.6		35.0			
Vinyl acetate	++++ 0.0521	0.0819 0.0595	0.0423	0.0516	0.0554	Ave		0.0571				23.4		35.0			
2,2-Dichloropropane	++++ 0.0867	0.1092 0.0876	0.0831	0.0918	0.0887	Ave		0.0912				10.2		35.0			
cis-1,2-Dichloroethene	++++ 0.2598	0.2559 0.2696	0.2738	0.2637	0.2588	Ave		0.2636				2.6		35.0			
2-Butanone	++++ 0.2644	0.3759 0.2434	0.3099	0.2701	0.2645	Ave		0.2880				16.7		35.0			
Ethyl acetate	++++ 0.2261	0.2014 0.2165	0.2522	0.2419	0.2474	Ave		0.2309				8.5		35.0			

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.: 460-224433-1 Analy Batch No.: 745629
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

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 4	LVL 5		B	M1	M2								
Tetrahydrofuran	++++ 0.2969	0.3197 0.2889	0.3712	0.3396	0.3041	Ave		0.3201				9.6		35.0			
Chlorobromomethane	++++ 0.1403	0.1734 0.1482	0.1634	0.1430	0.1430	Ave		0.1519				8.8		35.0			
Chloroform	++++ 0.3824	0.4759 0.4071	0.4142	0.3892	0.3865	Ave		0.4092				8.5		35.0			
Cyclohexane	++++ 0.4085	0.4068 0.4122	0.4619	0.4059	0.4106	Ave		0.4176				5.2		35.0			
1,1,1-Trichloroethane	++++ 0.3902	0.4555 0.3954	0.4043	0.3919	0.3916	Ave		0.4048				6.3		35.0			
Carbon tetrachloride	++++ 0.3523	0.3677 0.3568	0.3823	0.3427	0.3533	Ave		0.3592				3.9		35.0			
1,1-Dichloropropene	++++ 0.3001	0.3162 0.3104	0.3169	0.3038	0.2987	Ave		0.3077				2.6		35.0			
Benzene	++++ 1.1032	1.1995 1.1215	1.2127	1.1469	1.1183	Ave		1.1504				4.0		35.0			
Isopropyl acetate	++++ 0.5827	0.5795 0.6281	0.5840	0.5792	0.5958	Ave		0.5916				3.2		35.0			
1,2-Dichloroethane	++++ 0.2778	0.3187 0.2976	0.3152	0.2908	0.2763	Ave		0.2961				6.1		35.0			
n-Heptane	++++ 0.1612	0.1542 0.1580	0.1667	0.1633	0.1612	Ave		0.1608				2.7		35.0			
n-Butanol	++++ 0.2105	0.2638 0.2015	0.2395	0.2078	0.2117	Ave		0.2225				10.9		35.0			
Trichloroethene	++++ 0.2249	0.2128 0.2319	0.2508	0.2282	0.2243	Ave		0.2288				5.5		35.0			
Ethyl acrylate	++++ 0.5525	0.5393 0.5739	0.5769	0.5563	0.5578	Ave		0.5594				2.5		35.0			
Methylcyclohexane	++++ 0.4620	0.4008 0.4703	0.4696	0.4493	0.4592	Ave		0.4519				5.8		35.0			
1,2-Dichloropropane	++++ 0.2039	0.2137 0.2087	0.2267	0.2049	0.2059	Ave		0.2106				4.1		35.0			
Methyl methacrylate	++++ 0.0655	0.0685 0.0695	0.0764	0.0671	0.0689	Ave		0.0693				5.4		35.0			
1,4-Dioxane	++++ 0.8417	1.2926 ++++	1.2637	1.0366	0.9809	Ave		1.0831				17.7		35.0			
Dibromomethane	++++ 0.1466	0.1712 0.1534	0.1727	0.1454	0.1484	Ave		0.1563				8.0		35.0			
n-Propyl acetate	++++ 0.2639	0.3454 0.2769	0.3065	0.2633	0.2754	Ave		0.2886				11.1		35.0			

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.: 460-224433-1 Analy Batch No.: 745629
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

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 4	LVL 5		B	M1	M2								
Bromodichloromethane	++++ 0.2903	0.2504 0.3062	0.2991	0.2874	0.2902	Ave		0.2873				6.7		35.0			
2-Chloroethyl vinyl ether	++++ 0.1234	0.1591 0.1305	0.1419	0.1229	0.1286	Ave		0.1344				10.3		35.0			
Epichlorohydrin	0.3359 0.2056	0.2358 0.1980	0.2324	0.2116	0.2151	Ave		0.2335				20.2		35.0			
cis-1,3-Dichloropropene	++++ 0.4522	0.4674 0.4601	0.4825	0.4635	0.4554	Ave		0.4635				2.3		35.0			
4-Methyl-2-pentanone	++++ 1.9633	1.6531 1.9733	2.0561	1.9063	1.9392	Ave		1.9152				7.2		35.0			
Toluene	++++ 1.1972	1.2698 1.2219	1.3114	1.2062	1.1984	Ave		1.2342				3.8		35.0			
trans-1,3-Dichloropropene	++++ 0.4134	0.4582 0.4278	0.4471	0.4125	0.4130	Ave		0.4287				4.6		35.0			
1,1,2-Trichloroethane	++++ 0.2041	0.1780 0.2069	0.2271	0.2122	0.2112	Ave		0.2066				7.8		35.0			
Tetrachloroethene	++++ 0.3410	0.3727 0.3382	0.4011	0.3467	0.3447	Ave		0.3574				6.9		35.0			
1,3-Dichloropropane	++++ 0.4137	0.4390 0.4186	0.4676	0.4240	0.4252	Ave		0.4314				4.6		35.0			
2-Hexanone	++++ 1.2293	1.2018 1.2037	1.2897	1.2119	1.2198	Ave		1.2260				2.7		35.0			
n-Butyl acetate	++++ 0.3681	0.4469 0.3792	0.4162	0.3860	0.3926	Ave		0.3981				7.2		35.0			
Dibromochloromethane	++++ 0.3062	0.2841 0.3128	0.3360	0.3002	0.3050	Ave		0.3074				5.5		35.0			
1,2-Dibromoethane	++++ 0.2685	0.2819 0.2720	0.3200	0.2797	0.2784	Ave		0.2834				6.6		35.0			
Chlorobenzene	++++ 0.8194	0.8767 0.8343	0.8510	0.8252	0.8185	Ave		0.8375				2.7		35.0			
Ethylbenzene	++++ 0.4460	0.5174 0.4601	0.4448	0.4464	0.4452	Ave		0.4600				6.2		35.0			
1,1,1,2-Tetrachloroethane	++++ 0.3393	0.3509 0.3458	0.3819	0.3398	0.3459	Ave		0.3506				4.5		35.0			
m-Xylene & p-Xylene	++++ 0.5429	0.5217 0.5502	0.6082	0.5515	0.5486	Ave		0.5538				5.2		35.0			
n-Butyl acrylate	++++ 0.2381	0.1977 0.2455	0.2359	0.2379	0.2345	Ave		0.2316				7.4		35.0			
o-Xylene	++++ 0.5738	0.5180 0.5998	0.6056	0.5745	0.5840	Ave		0.5760				5.4		35.0			

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.: 460-224433-1 Analy Batch No.: 745629
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

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 4	LVL 5		B	M1	M2								
Styrene	++++ 0.8954	0.9026 0.9469	0.9107	0.9071	0.9028	Ave		0.9109				2.0		35.0			
Amyl acetate (mixed isomers)	++++ 0.8228	0.9031 0.8964	0.8440	0.8123	0.8257	Ave		0.8507				4.6		35.0			
Bromoform	++++ 0.2373	0.2631 0.2486	0.2629	0.2289	0.2368	Ave		0.2463				5.8		35.0			
Isopropylbenzene	++++ 1.5519	1.4273 1.6008	1.5811	1.5059	1.5564	Ave		1.5372				4.1		35.0			
Bromobenzene	++++ 0.6402	0.7005 0.6714	0.6641	0.6291	0.6218	Ave		0.6545				4.5		35.0			
1,1,2,2-Tetrachloroethane	++++ 0.5977	0.6087 0.6167	0.6313	0.5985	0.6043	Ave		0.6095				2.1		35.0			
N-Propylbenzene	++++ 2.9058	2.6271 2.9983	2.8703	2.7134	2.7308	Ave		2.8076				5.0		35.0			
1,2,3-Trichloropropane	++++ 0.1890	0.2008 0.1963	0.2126	0.1979	0.1936	Ave		0.1984				4.0		35.0			
2-Chlorotoluene	++++ 1.9397	1.8145 2.1737	1.9264	1.8198	1.8509	Ave		1.9208				7.0		35.0			
1,3,5-Trimethylbenzene	++++ 2.1944	1.9165 2.3437	2.1479	2.0349	2.0845	Ave		2.1203				6.9		35.0			
4-Chlorotoluene	++++ 1.6845	1.8715 1.8679	1.7479	1.6107	1.6412	Ave		1.7373				6.5		35.0			
Butyl Methacrylate	++++ 0.7152	0.5093 0.7731	0.6105	0.6294	0.6983	Ave		0.6560				14.2		35.0			
tert-Butylbenzene	++++ 1.9672	1.5151 2.1337	1.7961	1.7525	1.8177	Ave		1.8304				11.4		35.0			
1,2,4-Trimethylbenzene	++++ 2.2403	1.9034 2.4170	2.2262	2.0849	2.1449	Ave		2.1695				7.9		35.0			
sec-Butylbenzene	++++ 2.9932	2.4343 3.0013	2.8235	2.6687	2.8042	Ave		2.7875				7.7		35.0			
1,3-Dichlorobenzene	++++ 1.3008	1.3801 1.4684	1.3417	1.2331	1.2304	Ave		1.3258				6.9		35.0			
4-Isopropyltoluene	++++ 2.7600	2.1600 2.8563	2.4913	2.4274	2.5145	Ave		2.5349				9.8		35.0			
1,4-Dichlorobenzene	++++ 1.2809	1.4242 1.3885	1.3909	1.2532	1.2502	Ave		1.3313				5.9		35.0			
1,2,3-Trimethylbenzene	++++ 2.4051	2.2662 2.5511	2.4300	2.2370	2.3245	Ave		2.3690				4.9		35.0			
Benzyl chloride	++++ 1.3212	1.4219 1.3779	1.3216	1.3594	1.3694	Ave		1.3619				2.8		35.0			

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.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

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 4	LVL 5		B	M1	M2								
n-Butylbenzene	++++ 1.2712	1.1294 1.3997	1.2811	1.2093	1.2251	Ave		1.2526				7.2		35.0			
1,2-Dichlorobenzene	++++ 1.2890	1.3286 1.3559	1.4305	1.2662	1.2684	Ave		1.3231				4.8		35.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1948	0.3350 0.1951	0.2260	0.1959	0.2063	Ave		0.2255				24.4		35.0			
1,2,4-Trichlorobenzene	++++ 1.1455	1.2746 1.1477	1.2628	1.1124	1.1522	Ave		1.1825				5.8		35.0			
Hexachlorobutadiene	++++ 0.4860	0.4932 0.4950	0.5276	0.4518	0.4909	Ave		0.4908				4.9		35.0			
Naphthalene	++++ 2.8096	3.1746 2.7710	3.2344	2.6592	2.8960	Ave		2.9241				7.9		35.0			
1,2,3-Trichlorobenzene	++++ 1.0762	1.2334 1.0700	1.2142	1.0316	1.1151	Ave		1.1234				7.3		35.0			
Dibromofluoromethane (Surr)	0.2514 0.2539	0.2573 0.2588	0.2538	0.2563	0.2557	Ave		0.2553				1.0		35.0			
1,2-Dichloroethane-d4 (Surr)	0.2641 0.2790	0.2694 0.3152	0.2657	0.2674	0.2664	Ave		0.2753				6.6		35.0			
Toluene-d8 (Surr)	1.1887 1.1620	1.1833 1.1208	1.1814	1.1865	1.1681	Ave		1.1701				2.0		35.0			
Bromofluorobenzene	0.4469 0.4282	0.4411 0.4146	0.4258	0.4332	0.4341	Ave		0.4320				2.4		35.0			

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.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-745629/3	F08549.D
Level 2	STD1 460-745629/4	F08550.D
Level 3	STD5 460-745629/6	F08552.D
Level 4	STD20 460-745629/7	F08553.D
Level 5	STD50 460-745629/8	F08554.D
Level 6	STD200 460-745629/9	F08555.D
Level 7	STD500 460-745629/10	F08556.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	++++ 855126	3746 2188105	18985	74004	203035	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 794721	5317 2069594	21291	83235	212951	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 781753	4063 2073732	19019	77677	192479	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 883219	4761 2290197	22970	89201	218964	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 775056	5077 ++++	19199	78472	200934	++++ 200	1.00 ++++	5.00	20.0	50.0
Ethyl Chloride	FB	Ave	++++ 633197	3485 1550835	14678	59917	168055	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1272701	6870 3078256	31785	124879	315231	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd9	Ave	++++ 274427	1567 ++++	7208	28600	66577	++++ 400	2.00 ++++	10.0	40.0	100
Ethanol	TBAd9	Ave	++++ 123033	++++ 283808	3202	10840	30914	++++ 8000	++++ 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 434617	2412 974082	10740	37483	89374	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 456470	1873 1111444	11252	43383	104157	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	++++ 59447	1435 127780	5618	11987	26622	++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	++++ 561863	3100 1403628	16862	55699	132638	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 508737	2020 1289748	13695	49627	121254	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 836703	3127 1847447	23240	80944	187679	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++	4750	26708	101297	243528	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1007101	2553310				200	500			
Isopropyl alcohol	TBAd9	Ave	++++ 303438	1738 800201	9102	33112	83709	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 1751756	8680 4493156	45562	176744	424213	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 736091	4407 2136068	20399	76037	185824	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 656613	3260 1781631	18870	68000	165980	++++ 400	2.00 1000	10.0	40.0	100
Acetonitrile	TBAd9	Ave	++++ 793600	3249 2030900	22322	78160	223497	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 560236	3708 1431823	15215	57040	137091	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	++++ 596116	2881 1552721	16126	63571	155658	++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	++++ 1542985	6625 3948822	42071	156090	379226	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 537102	2938 1414741	13594	56557	129833	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2305 1936432	10936 5243328	52591	203051	486764	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 378561	1695 983920	8950	38801	88783	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1339266	6033 3483449	35108	136747	326375	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 859358	3761 2336711	22436	86793	206281	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 232067	1698 686989	4415	22751	57734	++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	++++ 192936	1132 505410	4334	20229	46240	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 578323	2653 1555349	14287	58120	134932	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	++++ 317825	2081 842326	8557	31707	74400	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 108707	446 299786	2785	11358	27836	++++ 400	2.00 1000	10.0	40.0	100
Tetrahydrofuran	BUT	Ave	++++ 142780	708 399949	4099	15947	34211	++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	++++ 312429	1798 854991	8528	31521	74558	++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	++++	4934	21611	85789	201482	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			851266	2348070				200	500			
Cyclohexane	FB	Ave	++++ 909328	4217 2377461	24100	89474	214028	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 868582	4722 2280822	21094	86383	204151	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 784336	3812 2058433	19946	75555	184167	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 668124	3278 1790572	16536	66969	155687	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNzd 5	Ave	++++ 1945380	9400 5323591	47767	193265	453503	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1297205	6008 3623303	30471	127685	310607	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 618466	3304 1716487	16447	64101	144041	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 358766	1599 911541	8700	36009	84054	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAAd9	Ave	++++ 364106	2155 1000211	9993	35220	89771	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 500686	2206 1337949	13084	50312	116953	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1229917	5591 3310469	30101	122632	290767	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1028589	4155 2712698	24500	99036	239380	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 453994	2215 1203706	11828	45161	107349	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 291469	1420 801242	7974	29582	71826	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 133830	2149 ++++	4416	13925	35047	++++ 4000	50.0 ++++	100	400	1000
Dibromomethane	FB	Ave	++++ 326275	1775 884629	9013	32056	77363	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 587417	3581 1597535	15992	58037	143582	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 646167	2596 1766234	15604	63351	151302	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 275460	1653 754508	7422	27162	67192	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1725 988486	5222 2741154	25663	99377	241985	5.00 4000	20.0 10000	100	400	1000

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	CBNZd 5	Ave	++++ 797452	3663 2183767	19006	78101	184660	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	++++ 2360065	9151 6829757	56769	223807	545442	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd 5	Ave	++++ 2111086	9951 5800090	51655	203259	485972	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZd 5	Ave	++++ 729037	3591 2030832	17609	69505	167477	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd 5	Ave	++++ 359981	1395 981899	8947	35754	85648	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd 5	Ave	++++ 601289	2921 1605457	15797	58429	139774	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd 5	Ave	++++ 729523	3440 1987085	18419	71451	172440	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1477667	6653 4166048	35608	142280	343077	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd 5	Ave	++++ 648994	3502 1799902	16395	65037	159193	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZd 5	Ave	++++ 539891	2226 1484947	13236	50591	123680	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZd 5	Ave	++++ 473409	2209 1290950	12603	47138	112900	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd 5	Ave	++++ 1444841	6870 3960403	33520	139053	331928	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd 5	Ave	++++ 786488	4055 2184044	17518	75221	180557	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	++++ 598356	2750 1641197	15042	57258	140263	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd 5	Ave	++++ 957353	4088 2611433	23957	92925	222478	++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZd 5	Ave	++++ 419870	1549 1165359	9292	40086	95092	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd 5	Ave	++++ 1011847	4059 2847030	23855	96816	236816	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZd 5	Ave	++++ 1578871	7073 4494818	35872	152851	366107	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	++++ 872666	4561 2527806	21363	87248	210598	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd 5	Ave	++++ 418451	2062 1180061	10357	38579	96033	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd 5	Ave	++++ 2736417	11185 7598518	62277	253760	631165	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	++++ 679015	3538 1893318	16808	67572	158581	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	++++ 633872	3074 1738895	15978	64280	154137	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	++++ 3081744	13268 8454772	72648	291446	696500	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	++++ 200441	1014 553610	5380	21260	49382	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	++++ 2057138	9164 6129350	48759	195471	472075	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 2327281	9679 6608757	54364	218565	531649	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	++++ 1786461	9452 5267109	44240	173007	418587	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	++++ 758512	2572 2180060	15451	67607	178103	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	++++ 2086316	7652 6016687	45460	188240	463602	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	++++ 2375938	9613 6815601	56347	223940	547060	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	++++ 3174497	12294 8463051	71464	286647	715206	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	++++ 1379620	6970 4140562	33960	132446	313827	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	++++	10909	63055	260733	641326	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1 Analy Batch No.: 745629

SDG No.: _____

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

Calibration Start Date: 12/09/2020 14:03 Calibration End Date: 12/09/2020 16:55 Calibration ID: 83046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2927176	8054153				200	500			
1,4-Dichlorobenzene	DCBd4	Ave	++++ 1358501	7193 3915234	35203	134602	318863	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	++++ 2550740	11445 7193705	61504	240278	592861	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	++++ 1401171	7181 3885481	33451	146019	349279	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	++++ 1348226	5704 3946767	32425	129895	312460	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	++++ 1367035	6710 3823465	36207	136005	323507	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	++++ 206636	1692 550046	5721	21039	52621	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	++++ 1214859	6437 3236210	31962	119482	293863	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	++++ 515383	2491 1395943	13355	48531	125194	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	++++ 2979774	16033 7813738	81865	285622	738621	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	++++ 1141388	6229 3017172	30731	110805	284401	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	123340 141332	133352 149269	132412	141260	133293	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	129589 155261	139632 181794	138620	147354	138867	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd 5	Ave	434122 512237	463651 531999	465349	499826	473708	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZd 5	Ave	163218 188745	172851 196811	167701	182497	176038	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 09-Dec-2020 14:03:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0121321-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:06:19 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 17:55:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.103	3.103	0.000	0	309121	1000.0	1000.0	
31 Acrylonitrile	53	3.349	3.349	0.000	83	2305	2.00	2.39	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	256797	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.582	4.582	0.000	97	123340	50.0	49.2	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.918	0.000	0	129589	50.0	48.0	
* 61 Fluorobenzene	96	5.190	5.190	0.000	99	490642	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.863	5.863	0.000	0	31726	1000.0	1000.0	
75 Epichlorohydrin	57	6.537	6.537	0.000	70	1725	5.00	7.19	
\$ 78 Toluene-d8 (Surr)	98	6.825	6.825	0.000	100	434122	50.0	50.8	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	85	365196	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	95	163218	50.0	51.7	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	0.000	94	238073	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00116	Amount Added: 0.00	Units: uL	
GASES Li_00397	Amount Added: 2.50	Units: uL	
8260MIX1COMB_00130	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00080	Amount Added: 20.00	Units: uL	
Ethanol mix_00047	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00105	Amount Added: 0.00	Units: uL	
MIX I Hi_00132	Amount Added: 0.00	Units: uL	
524freon_00030	Amount Added: 0.00	Units: uL	
8FreonHi_00026	Amount Added: 0.00	Units: uL	
GAS Hi_00376	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

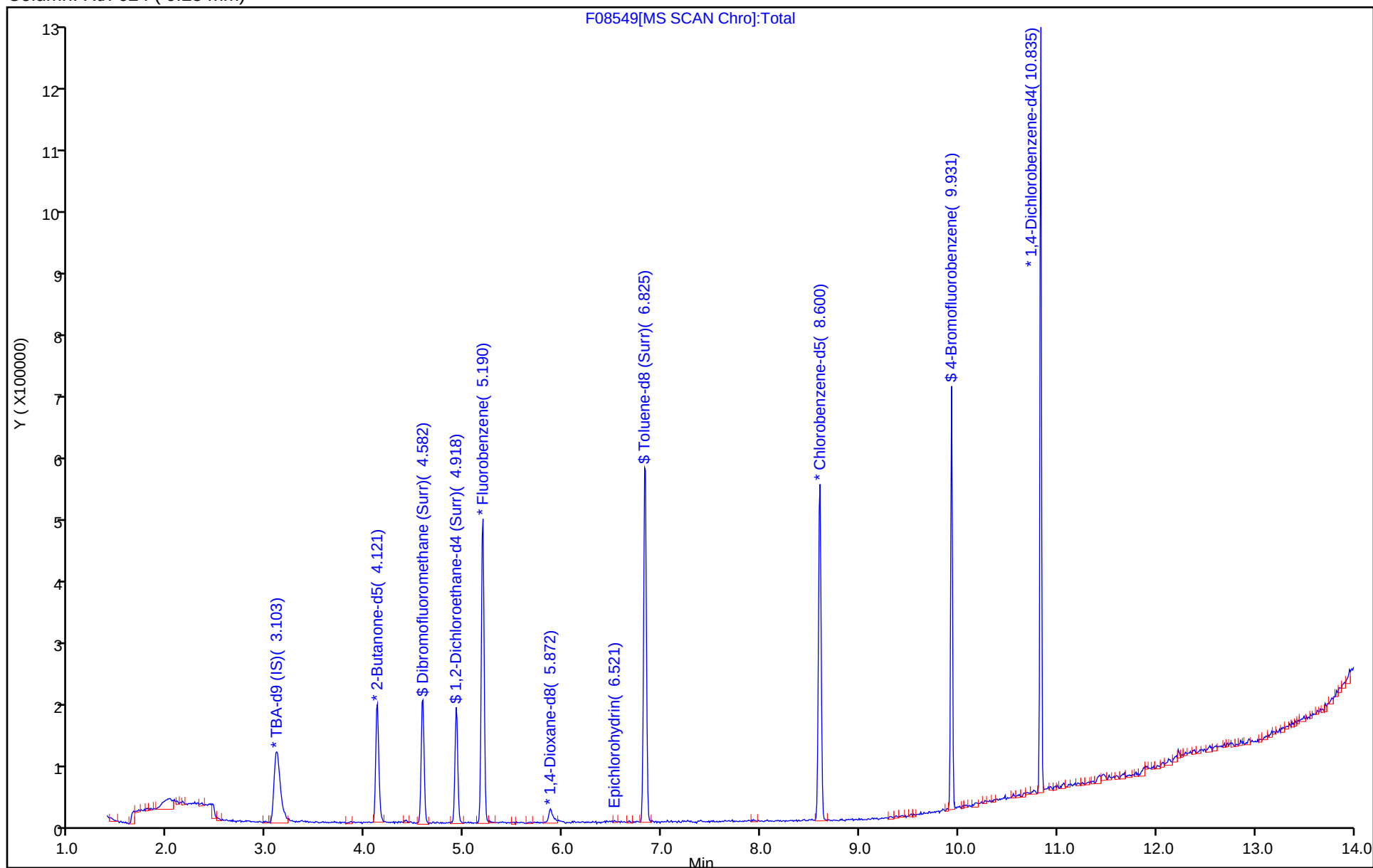
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

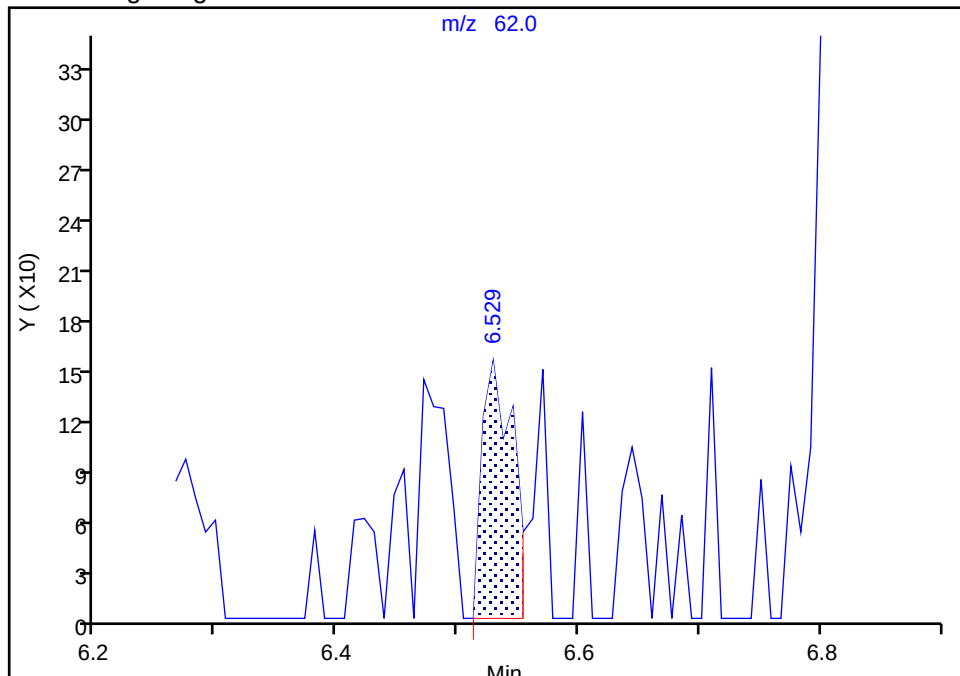
MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 2

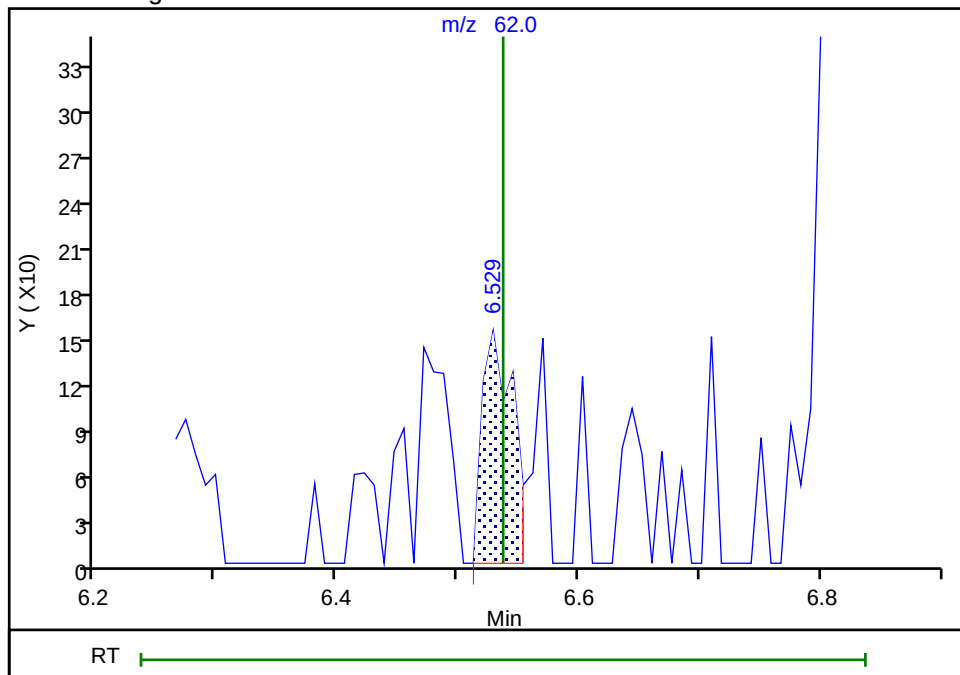
RT: 6.53
Area: 272
Amount: 7.941334
Amount Units: ug/l

Processing Integration Results



RT: 6.53
Area: 272
Amount: 7.192684
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:53:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

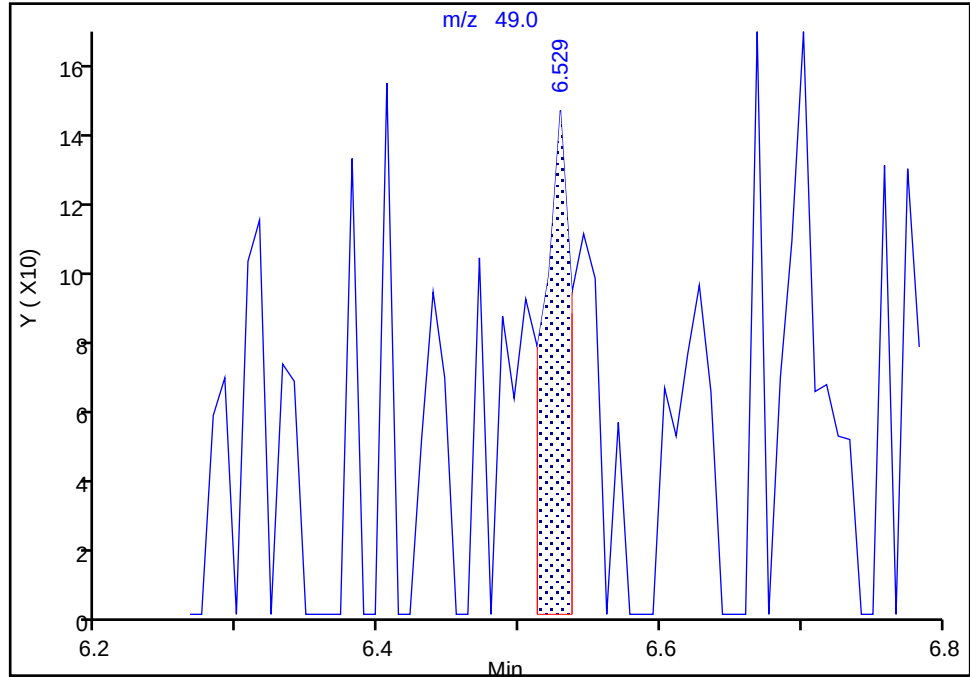
MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 3

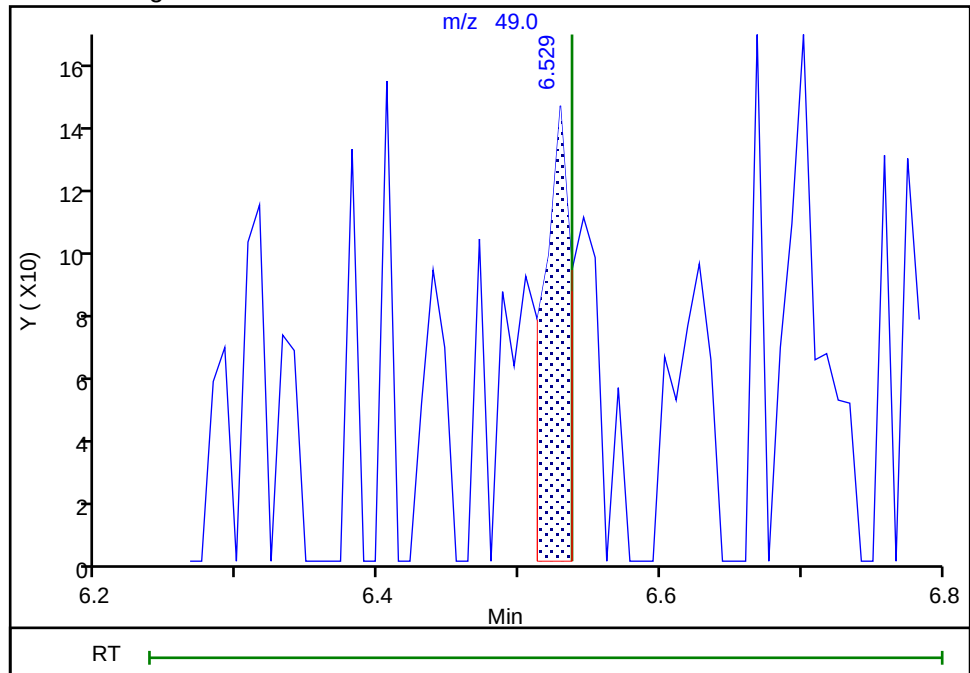
RT: 6.53
Area: 206
Amount: 7.941334
Amount Units: ug/l

Processing Integration Results



RT: 6.53
Area: 206
Amount: 7.192684
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:53:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

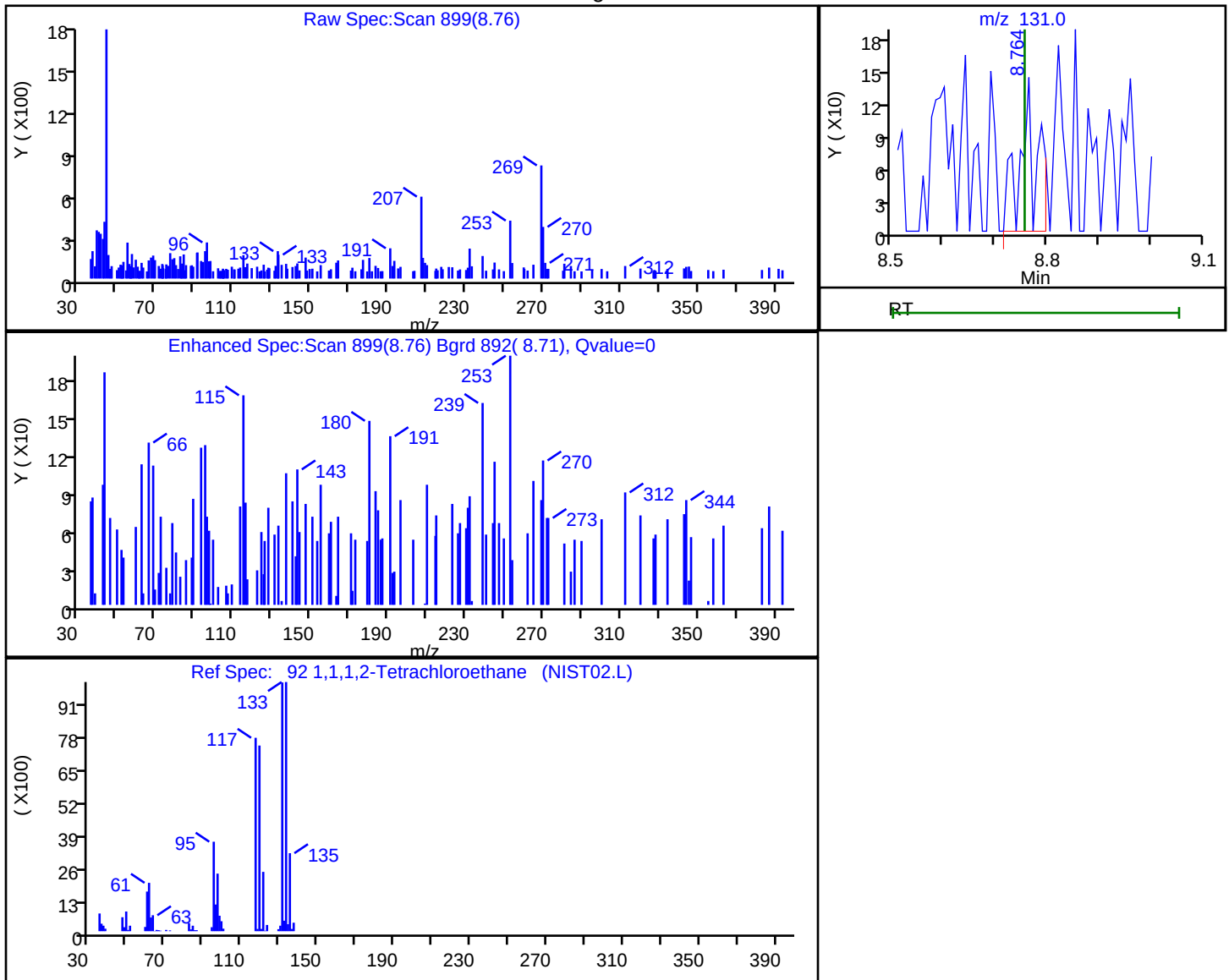
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

92 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
8.76	131.00	329	0.128480

Reviewer: baronm, 09-Dec-2020 17:54:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

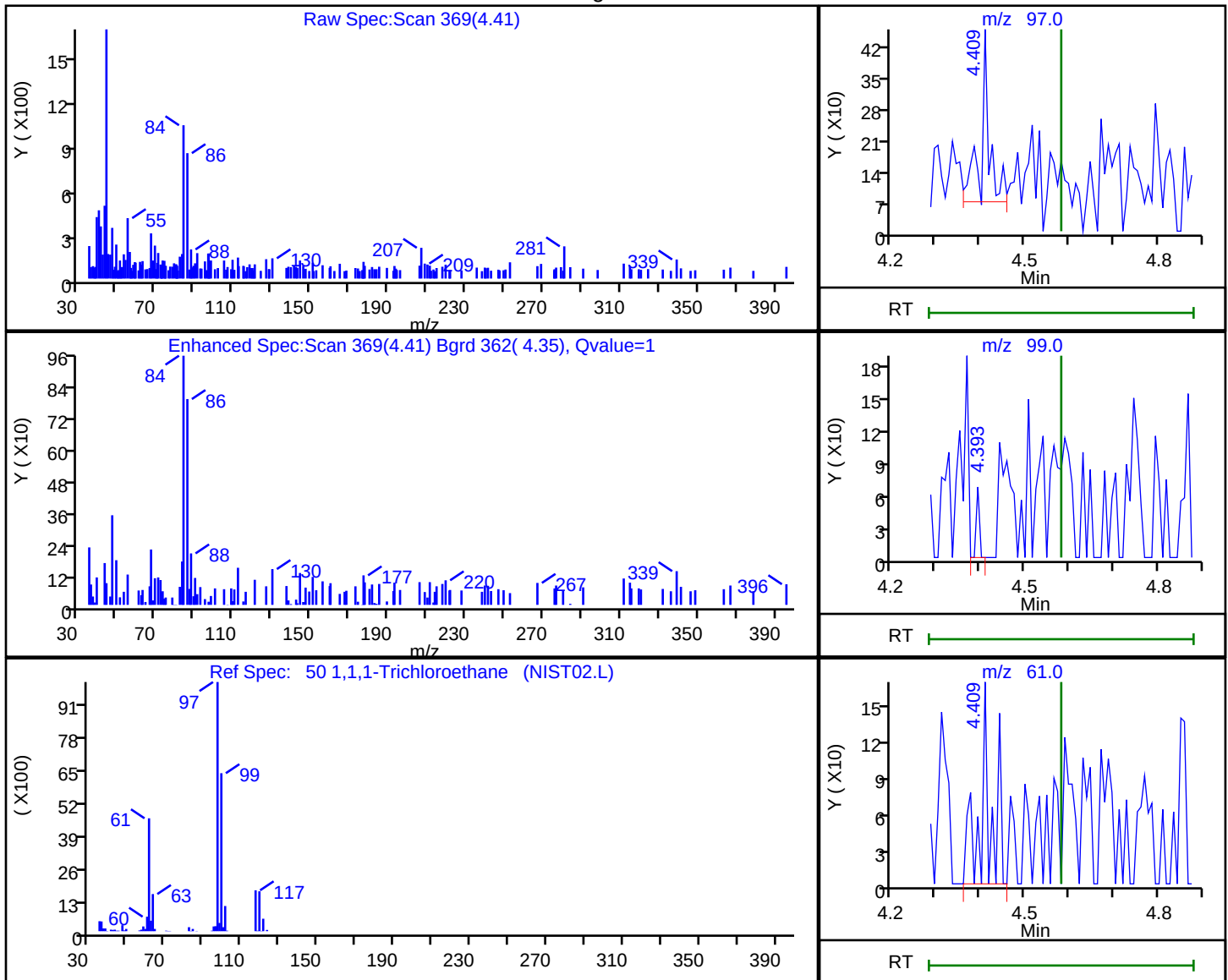
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
4.41	97.00	522	0.131412
4.39	99.00	32	
4.41	61.00	278	

Reviewer: baronm, 09-Dec-2020 17:52:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

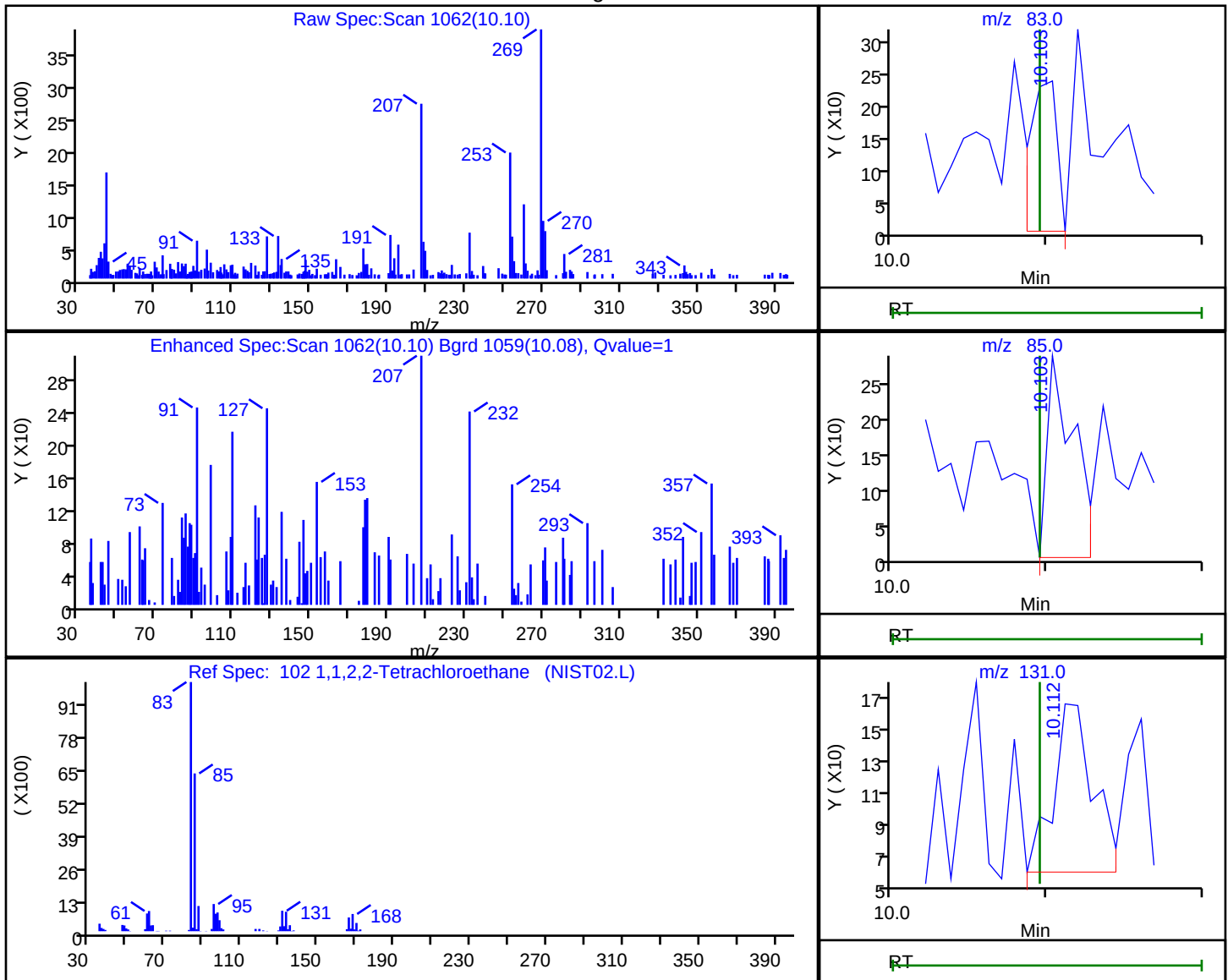
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.10	83.00	289	0.099581
10.10	85.00	344	
10.11	131.00	180	

Reviewer: baronm, 09-Dec-2020 17:54:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

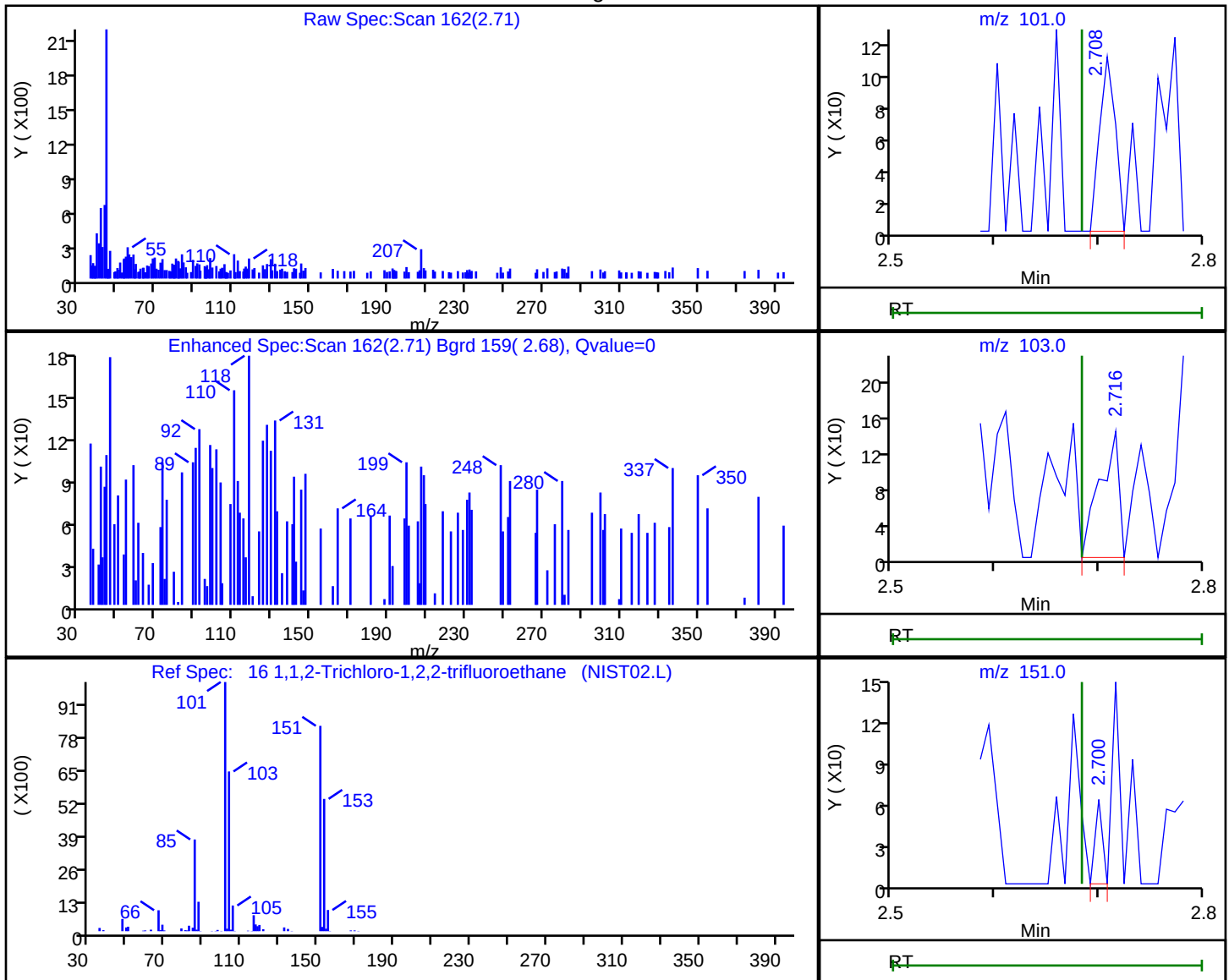
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.71	101.00	115	0.043271
2.72	103.00	181	
2.70	151.00	30	
2.72	85.00	256	

Reviewer: baronm, 09-Dec-2020 17:51:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

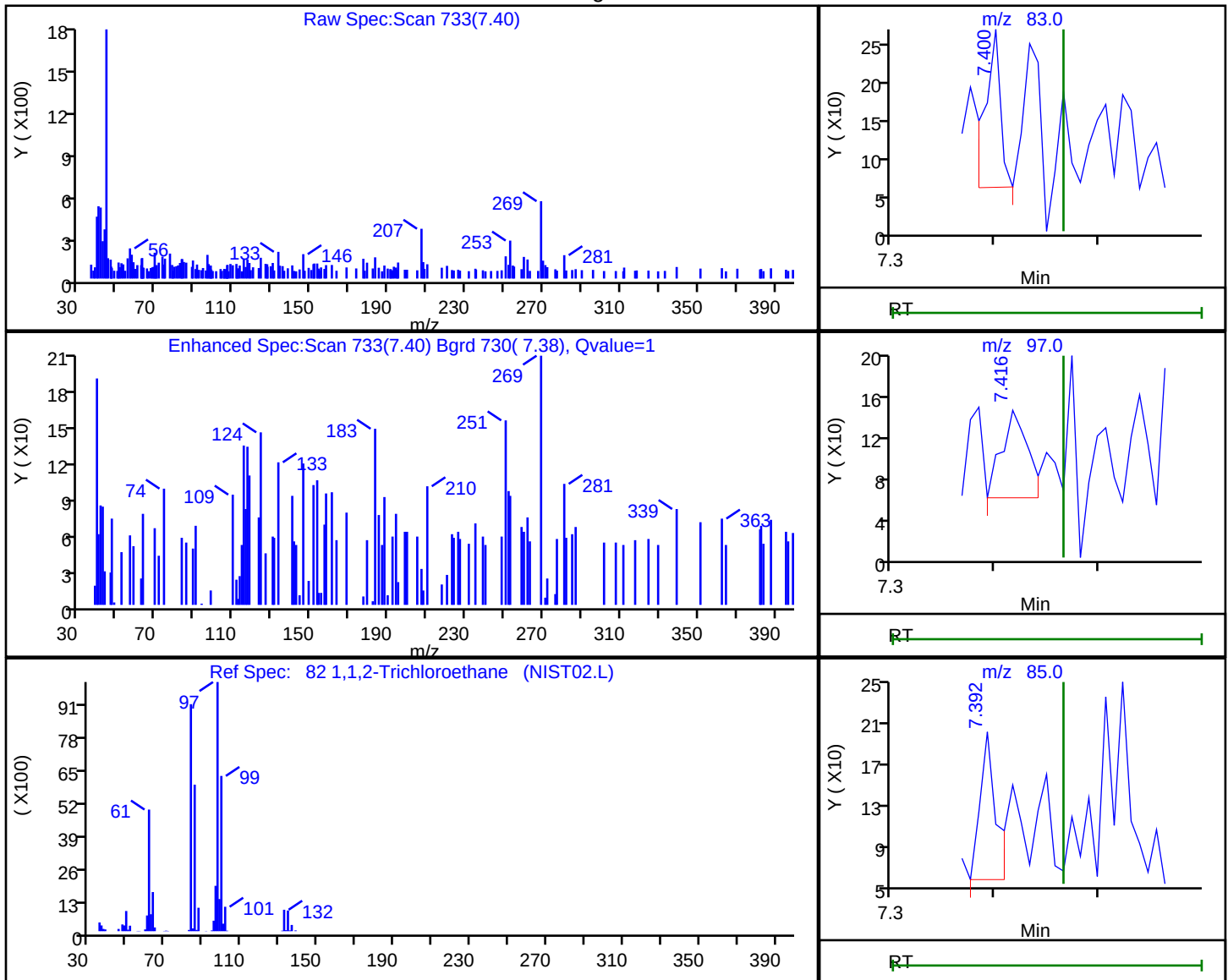
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.40	83.00	220	0.145799
7.42	97.00	150	
7.39	85.00	148	

Reviewer: baronm, 09-Dec-2020 17:54:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

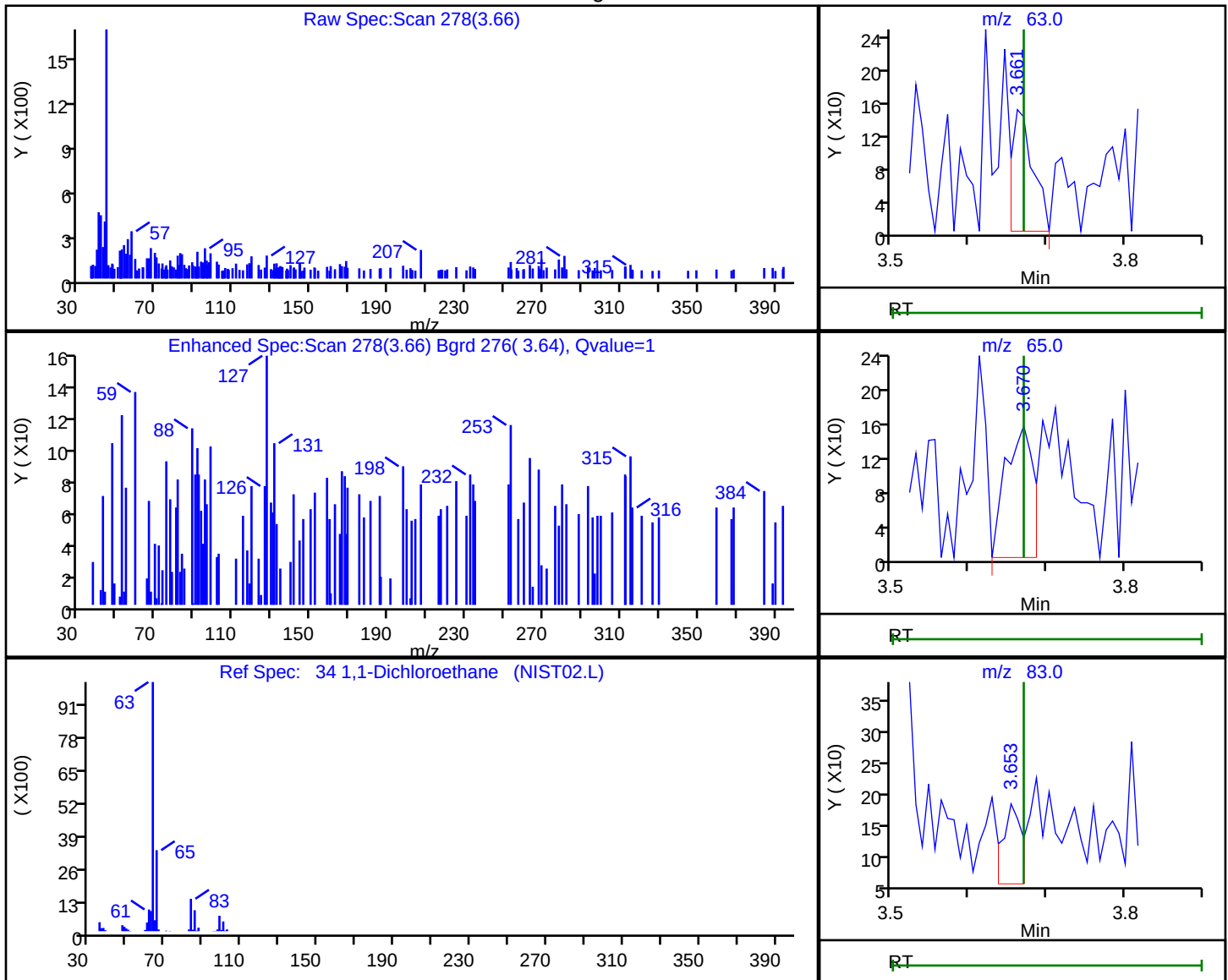
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.66	63.00	280	0.072137
3.67	65.00	385	
3.65	83.00	215	

Reviewer: baronm, 09-Dec-2020 17:52:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

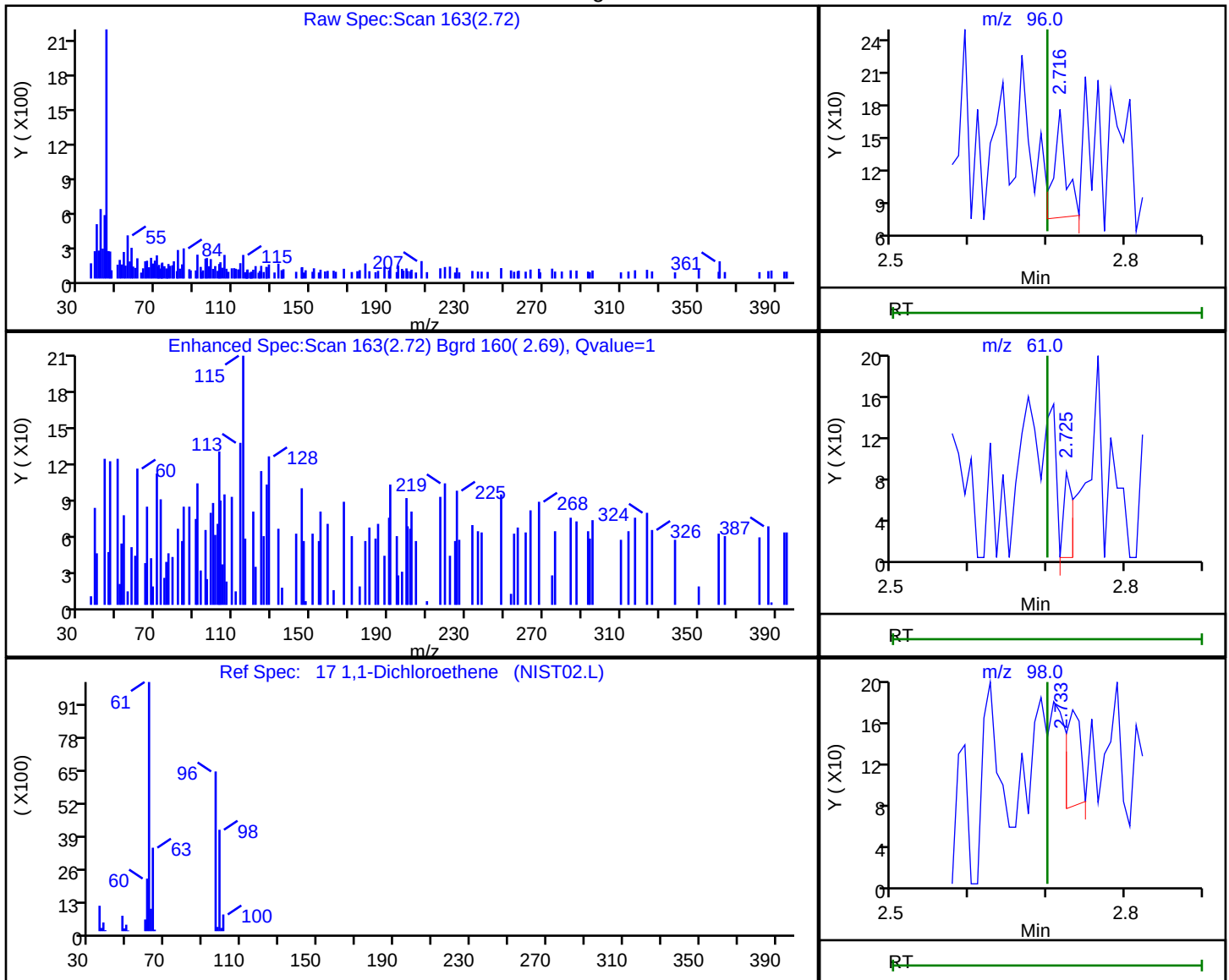
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.72	96.00	105	0.046960
2.72	61.00	67	
2.73	98.00	122	
2.71	63.00	84	

Reviewer: baronm, 09-Dec-2020 17:51:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

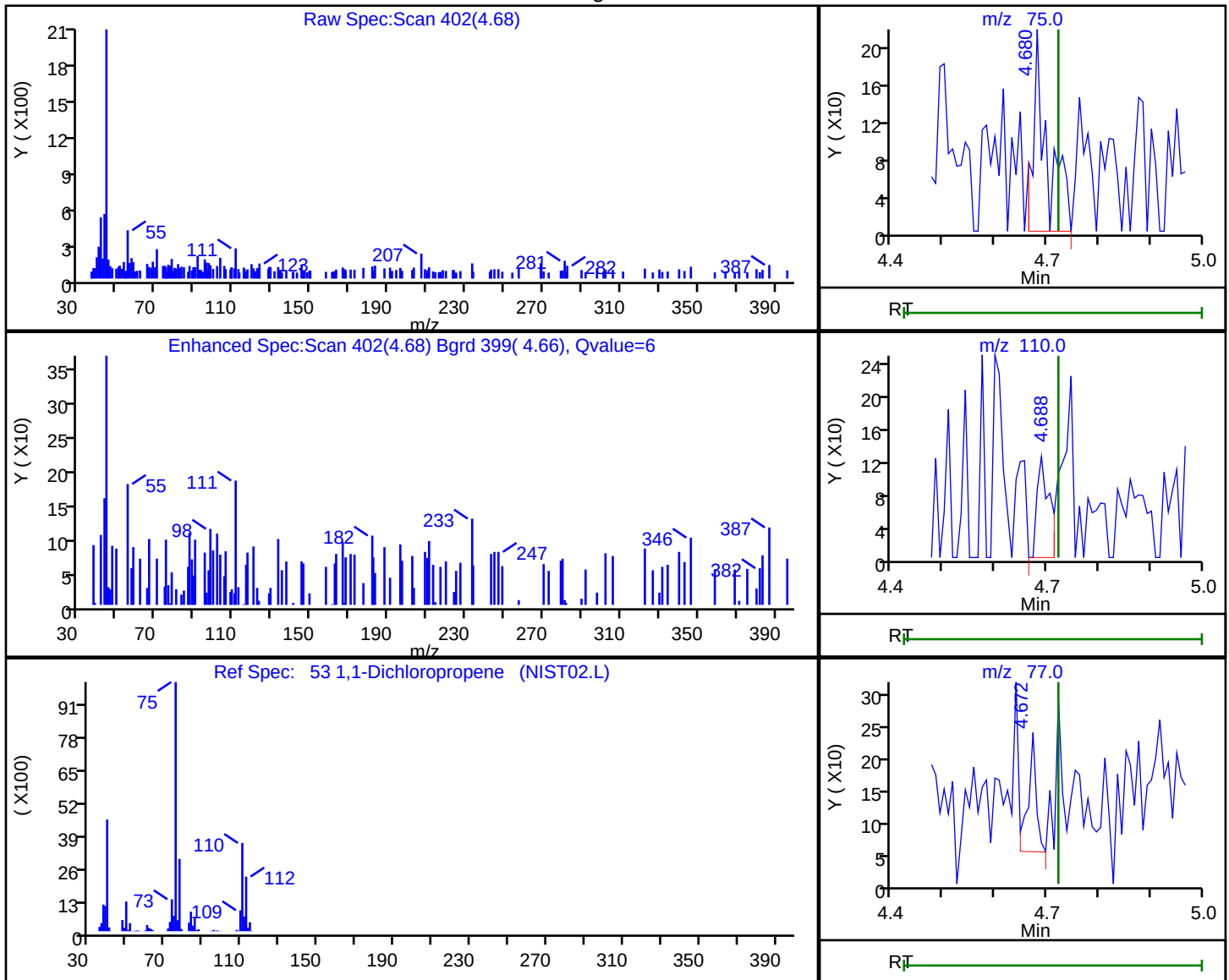
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.68	75.00	402	0.133147
4.69	110.00	204	
4.67	77.00	202	

Reviewer: baronm, 09-Dec-2020 17:52:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

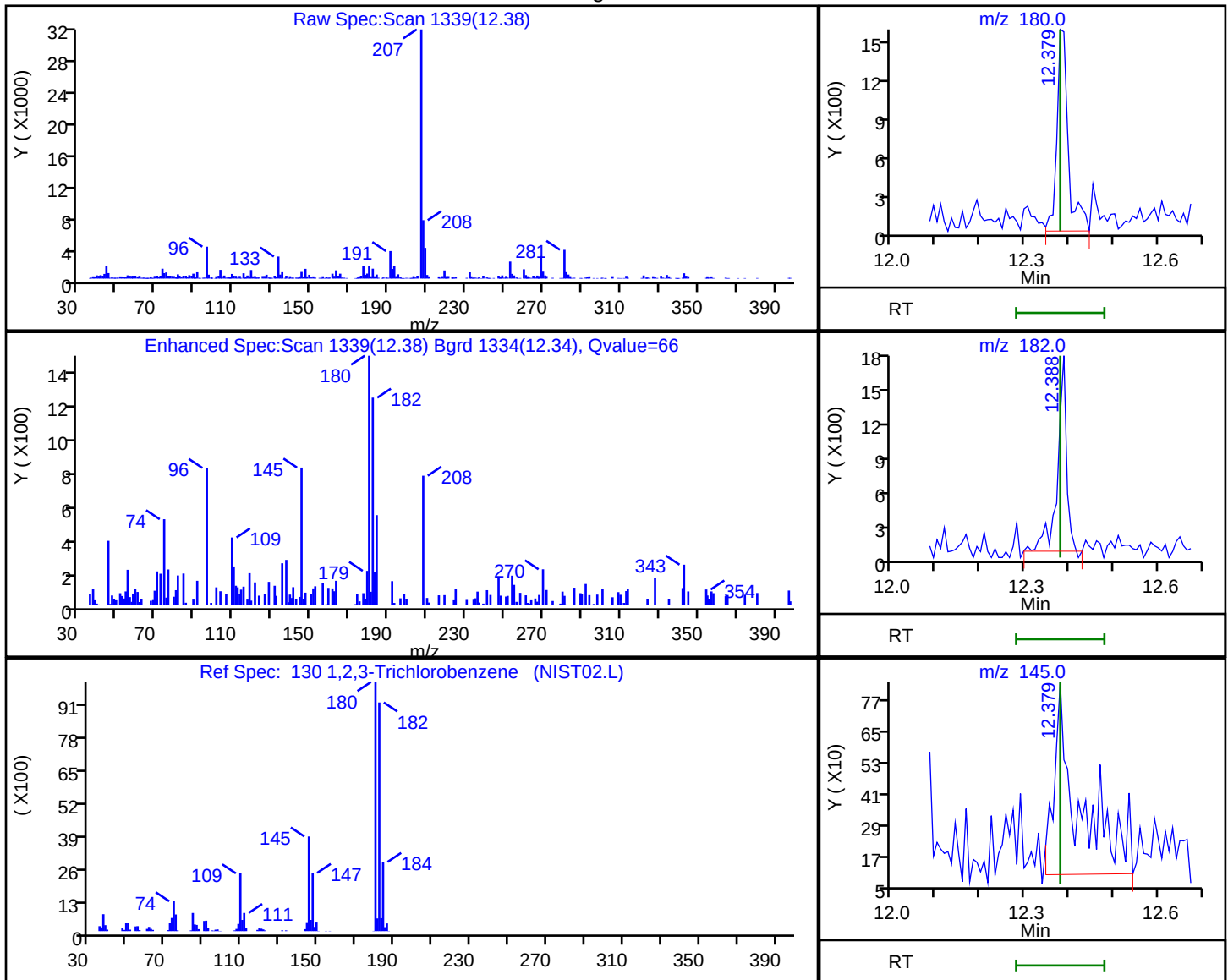
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

130 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.38	180.00	2620	0.489808
12.39	182.00	2411	
12.38	145.00	2926	

Reviewer: baronm, 09-Dec-2020 17:55:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

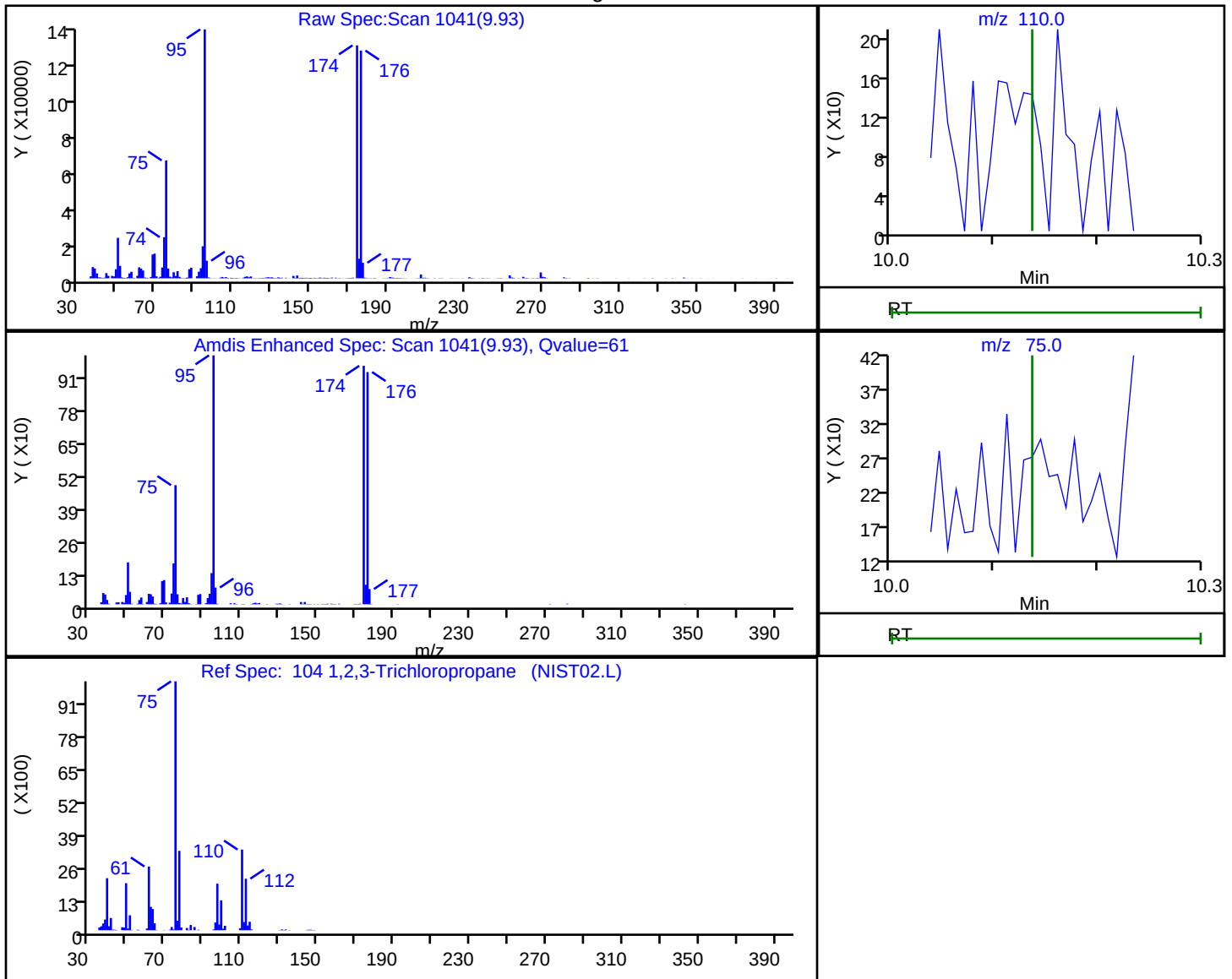
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.93	110.00	270	0.285859
9.93	75.00	81637	

Reviewer: baronm, 09-Dec-2020 17:54:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

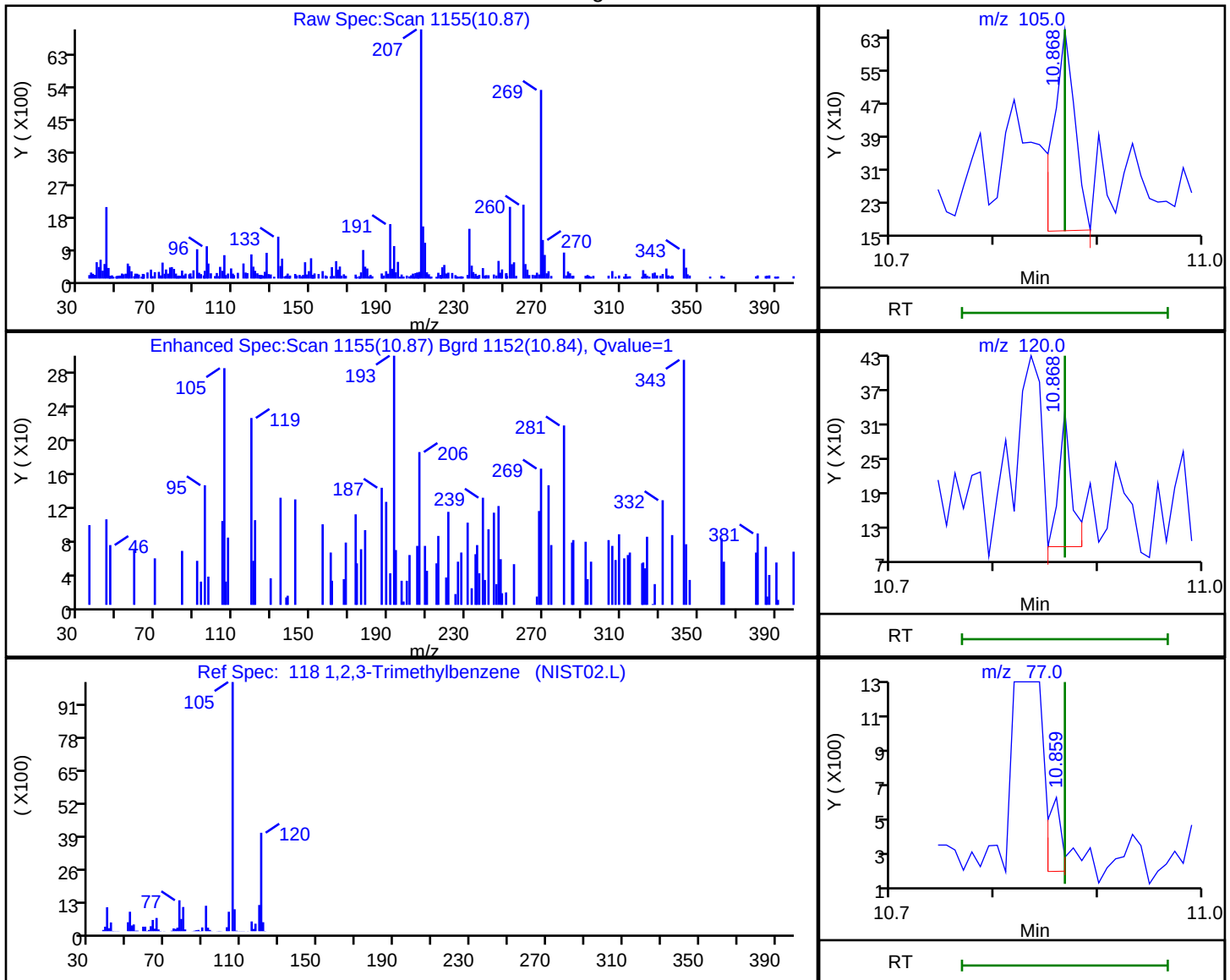
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.87	105.00	702	0.062235
10.87	120.00	206	
10.86	77.00	381	

Reviewer: baronm, 09-Dec-2020 17:54:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

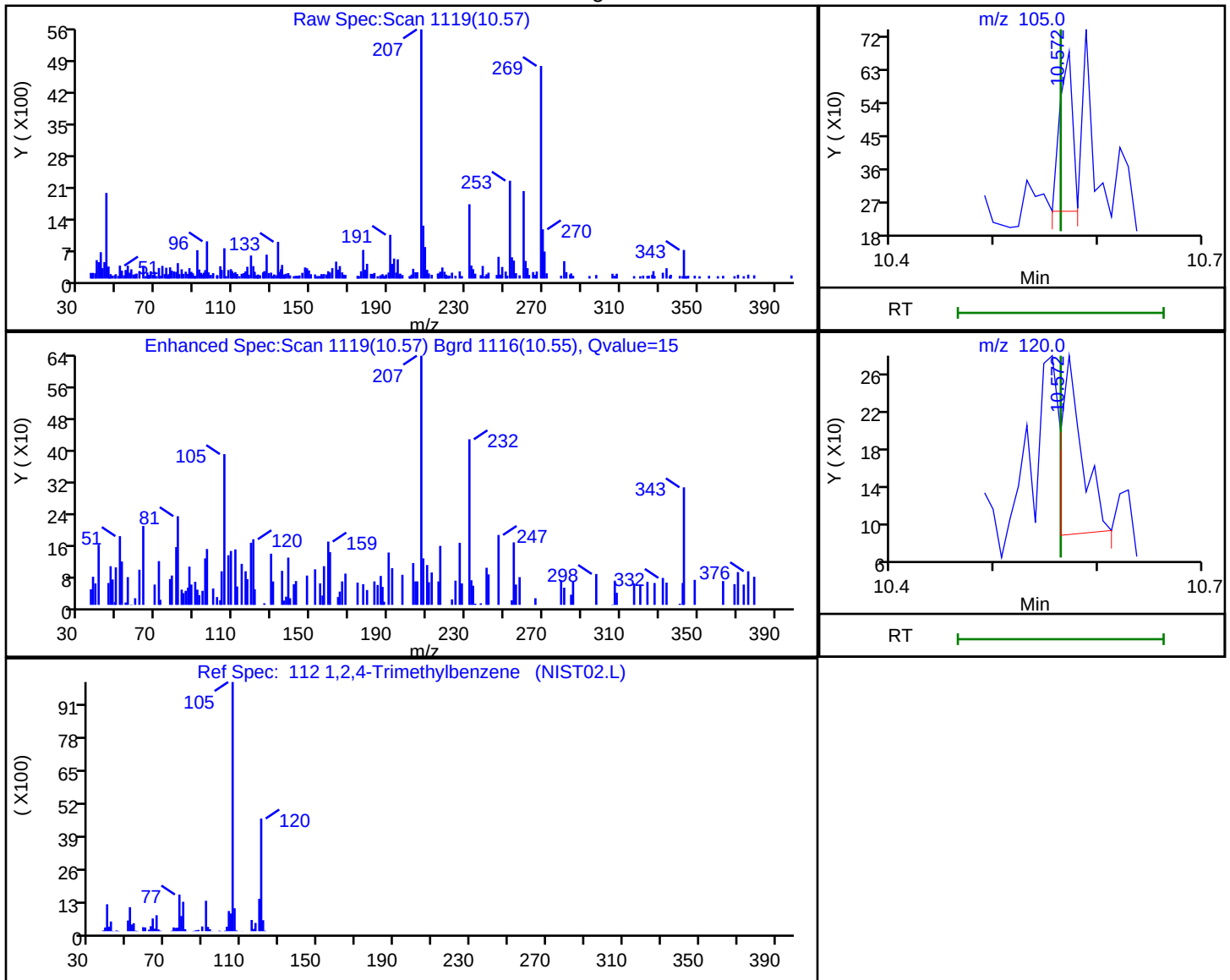
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.57	105.00	369	0.035722
10.57	120.00	259	

Reviewer: baronm, 09-Dec-2020 17:54:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

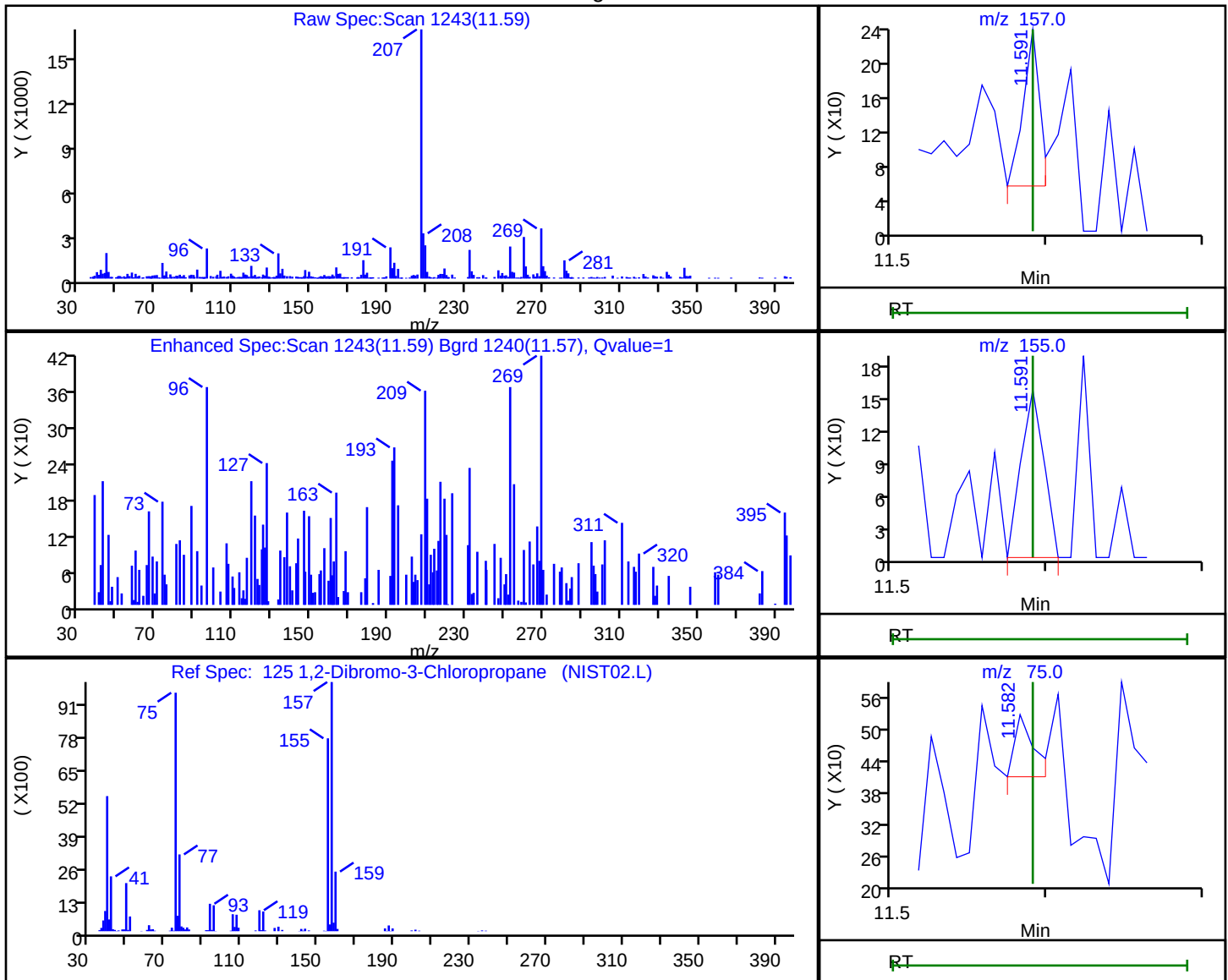
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.59	157.00	137	0.146539
11.59	155.00	157	
11.58	75.00	101	

Reviewer: baronm, 09-Dec-2020 17:55:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

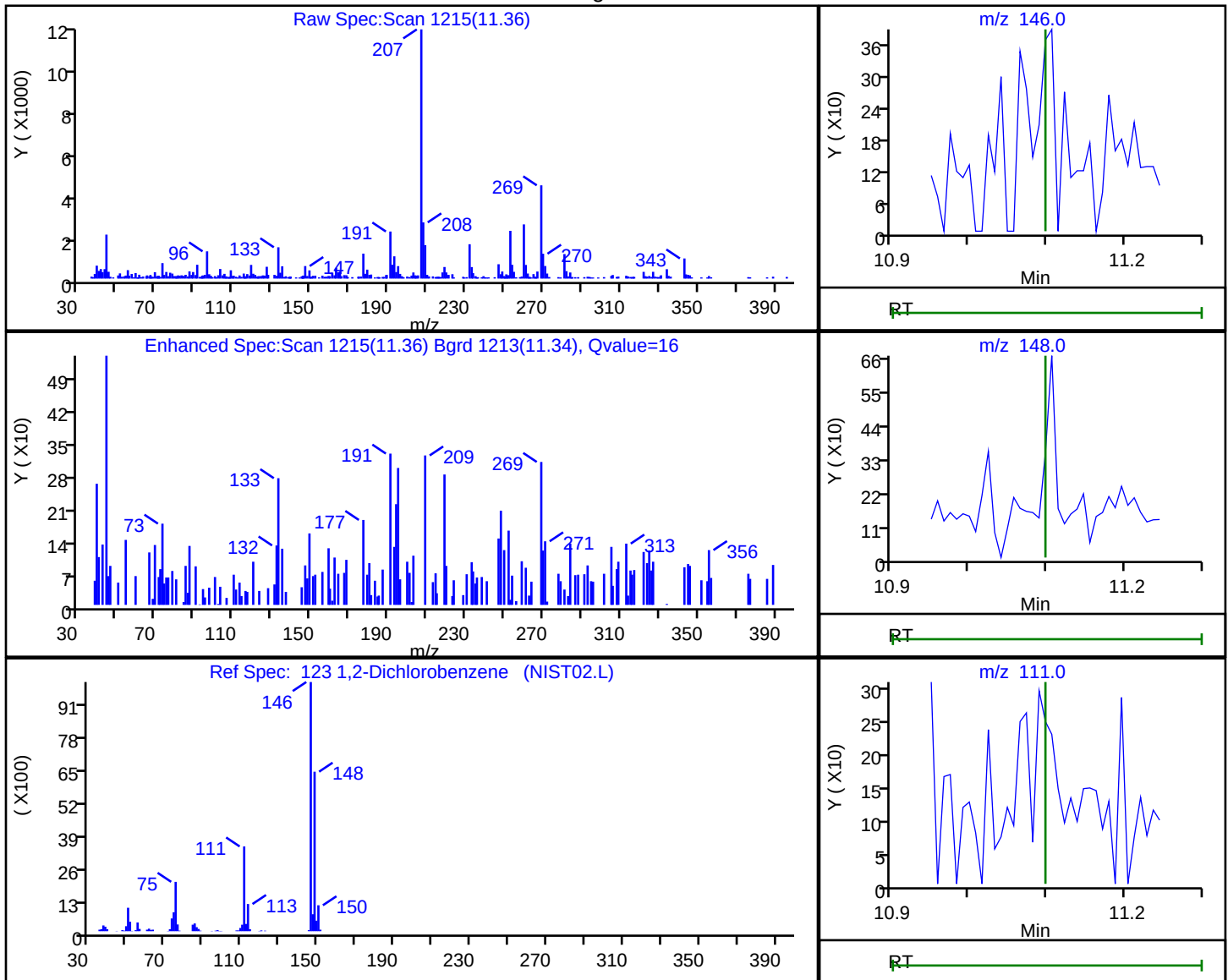
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.36	146.00	473	0.075080
11.35	148.00	88	
11.37	111.00	188	

Reviewer: baronm, 09-Dec-2020 17:55:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

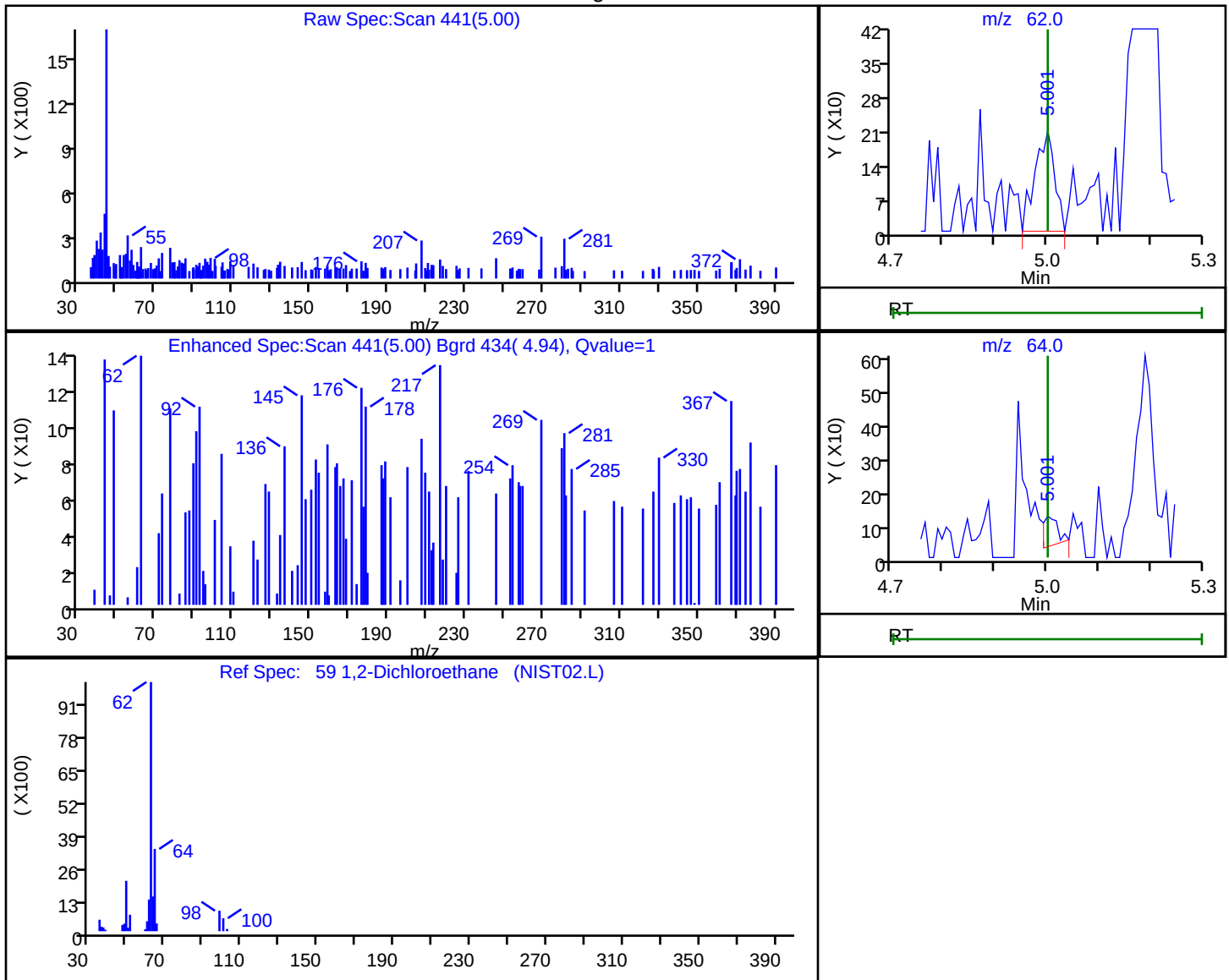
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
5.00	62.00	554	0.190690
5.00	64.00	169	

Reviewer: baronm, 09-Dec-2020 17:53:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

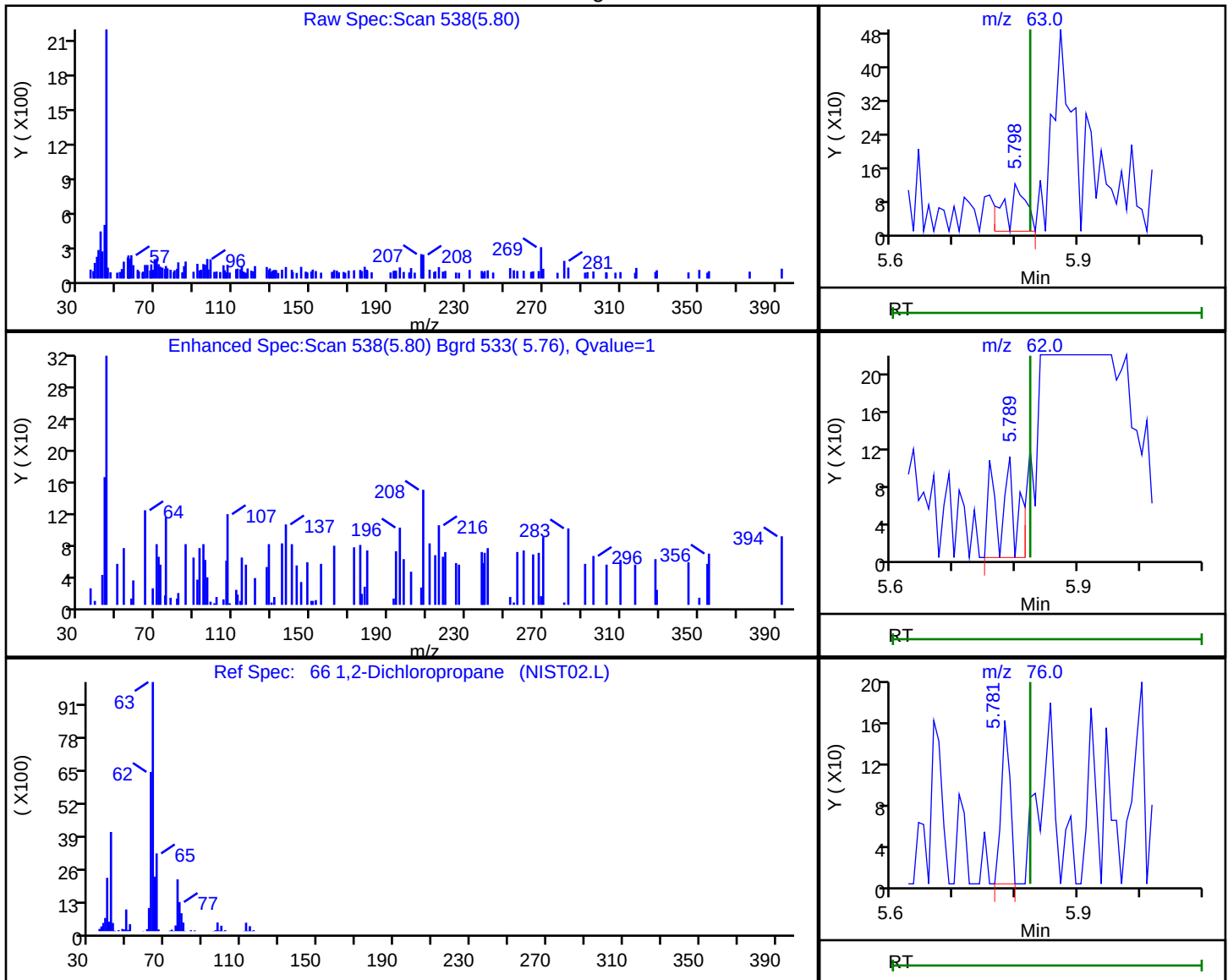
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.80	63.00	256	0.123862
5.79	62.00	230	
5.78	76.00	153	
5.83	112.00	398	

Reviewer: baronm, 09-Dec-2020 17:53:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

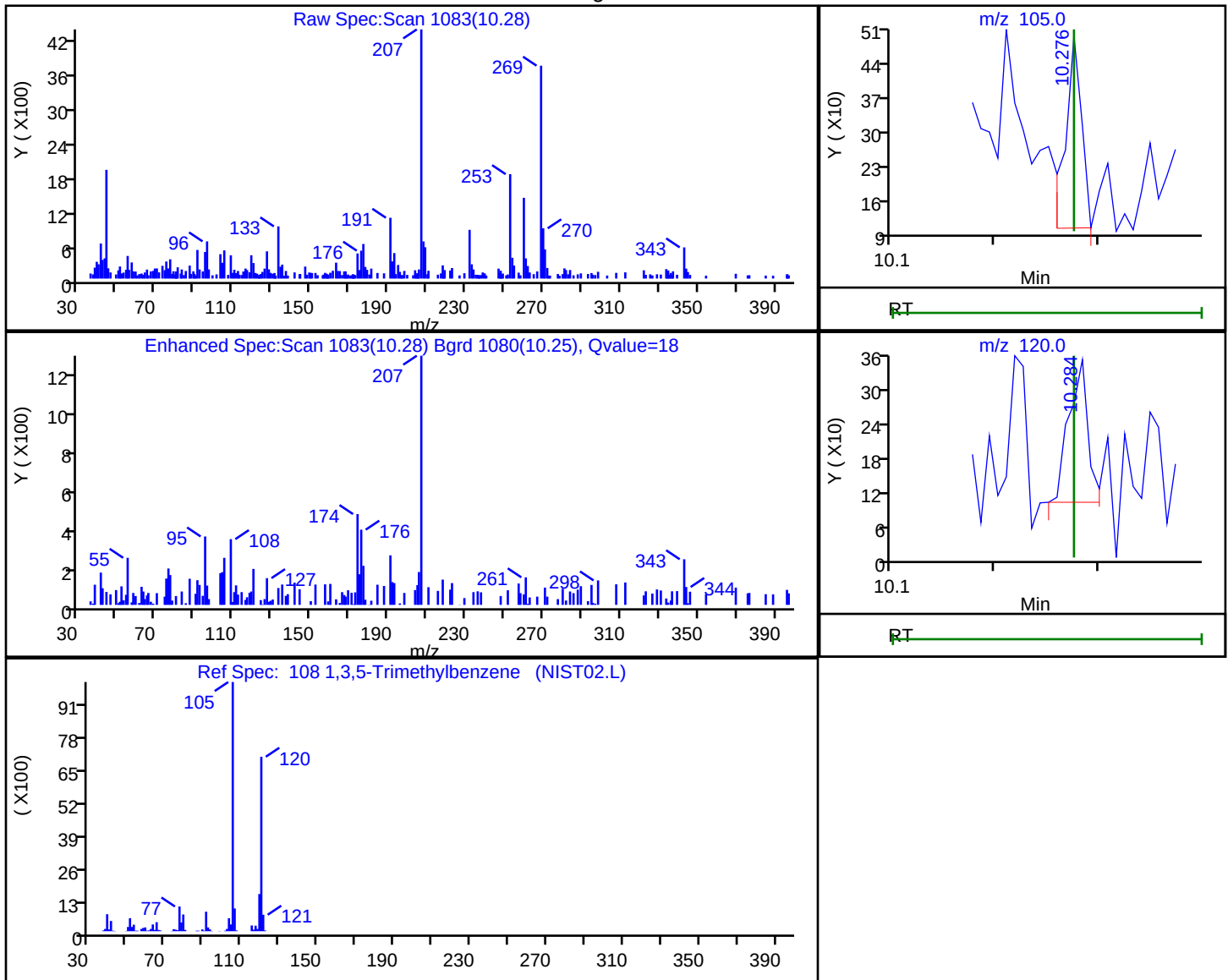
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.28	105.00	435	0.043088
10.28	120.00	326	

Reviewer: baronm, 09-Dec-2020 17:54:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

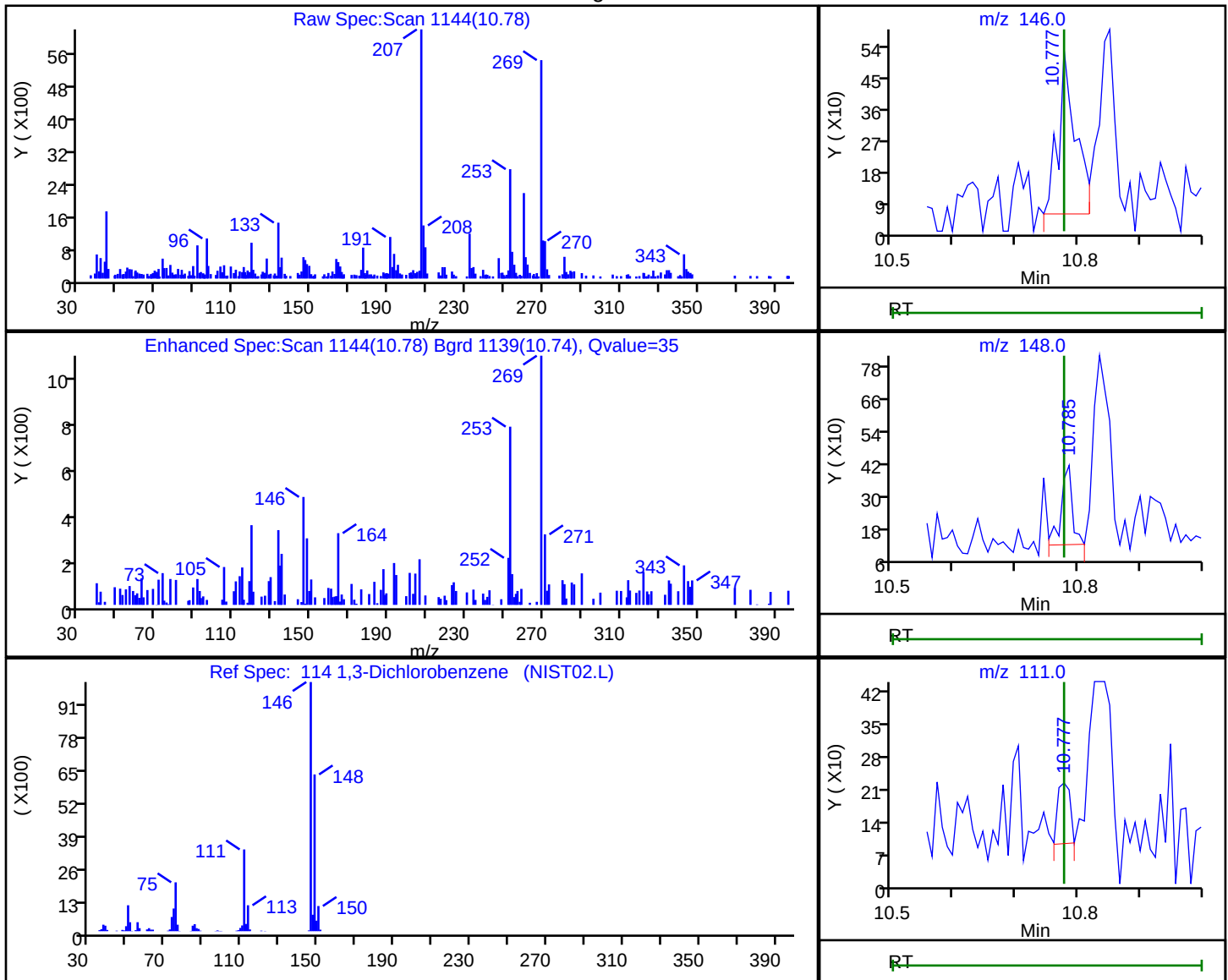
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.78	146.00	928	0.147008
10.79	148.00	367	
10.78	111.00	182	

Reviewer: baronm, 09-Dec-2020 17:54:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

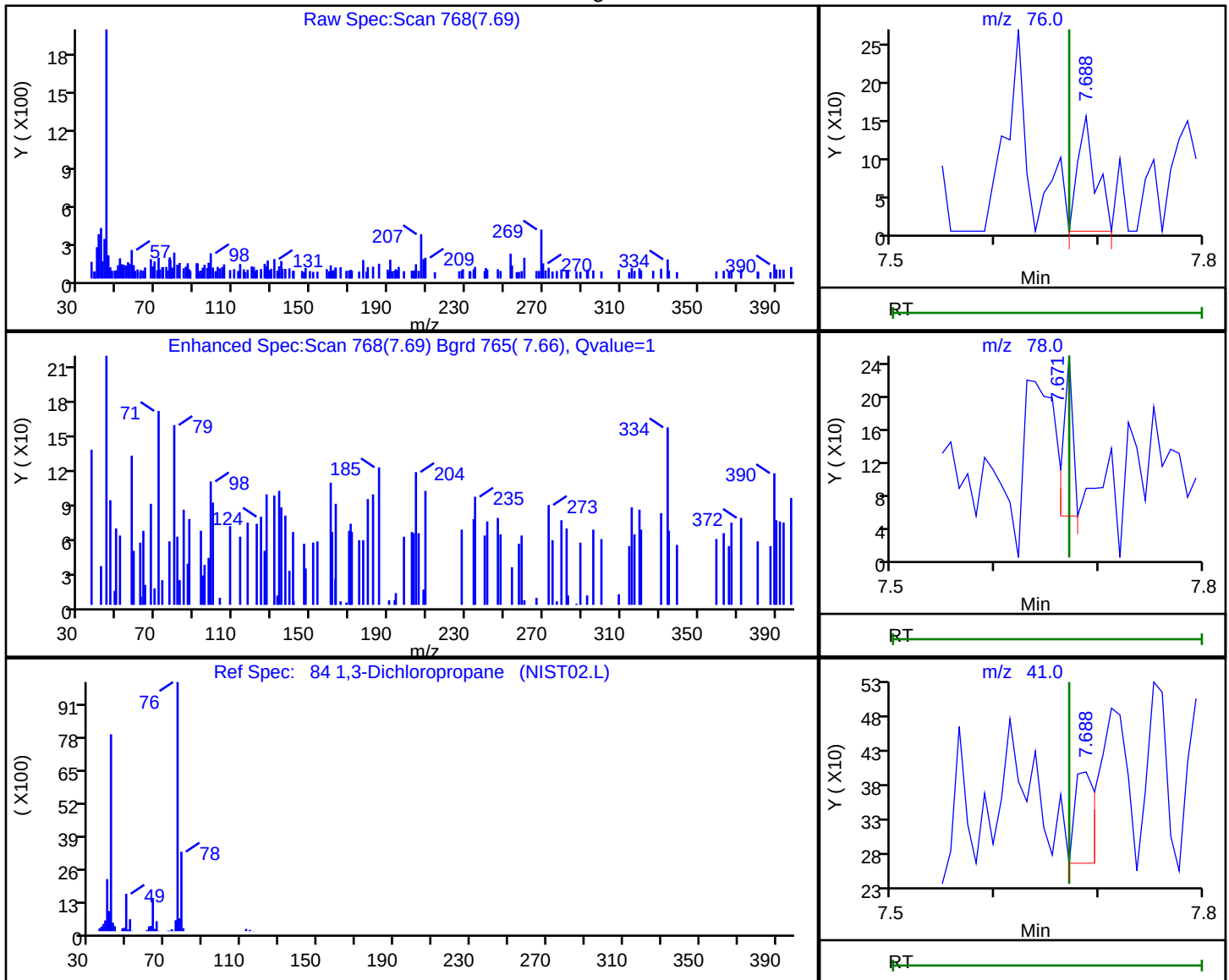
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

84 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.69	76.00	181	0.057449
7.67	78.00	125	
7.69	41.00	181	

Reviewer: baronm, 09-Dec-2020 17:54:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

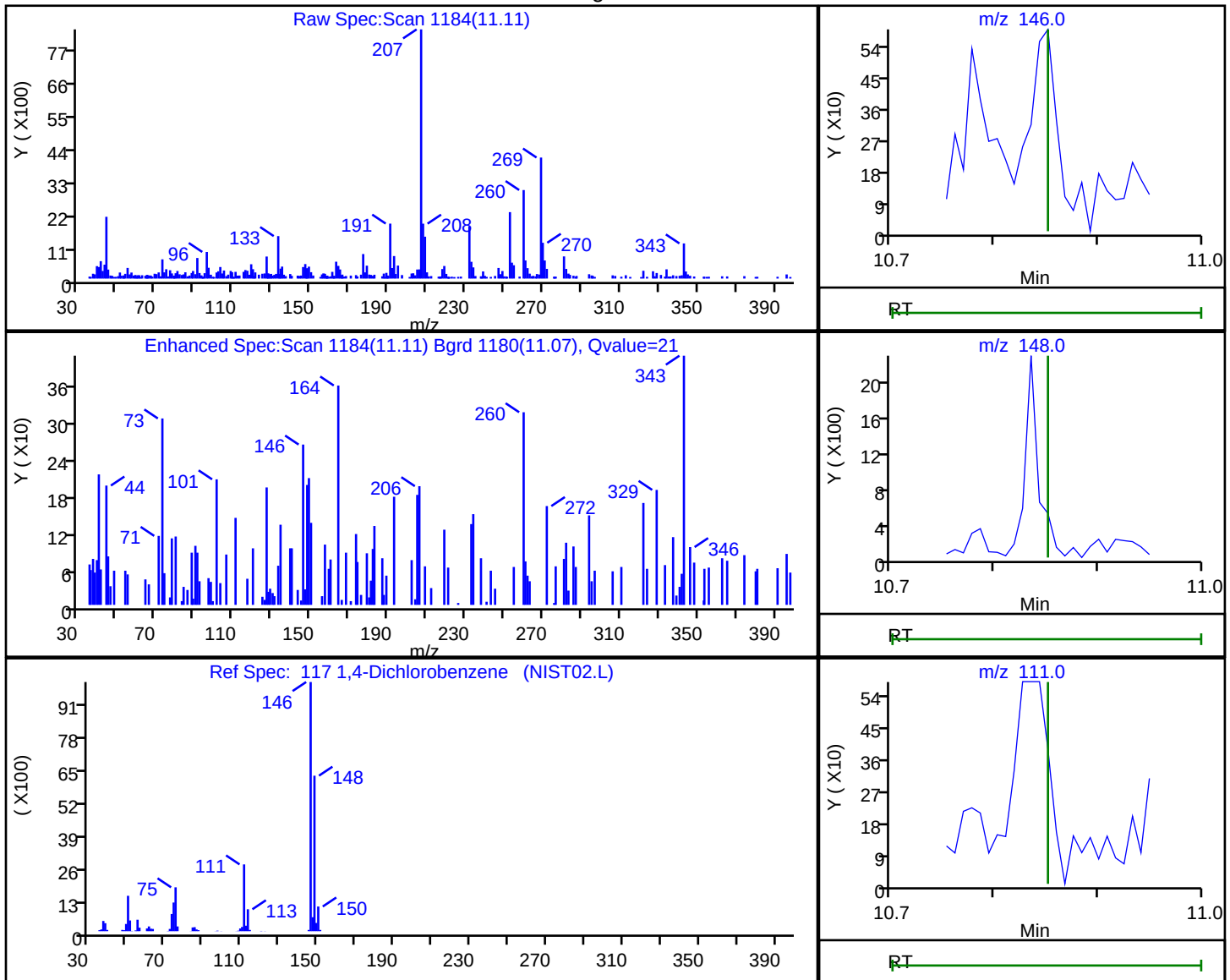
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.11	146.00	538	0.084872
11.11	148.00	429	
11.09	111.00	333	

Reviewer: baronm, 09-Dec-2020 17:54:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

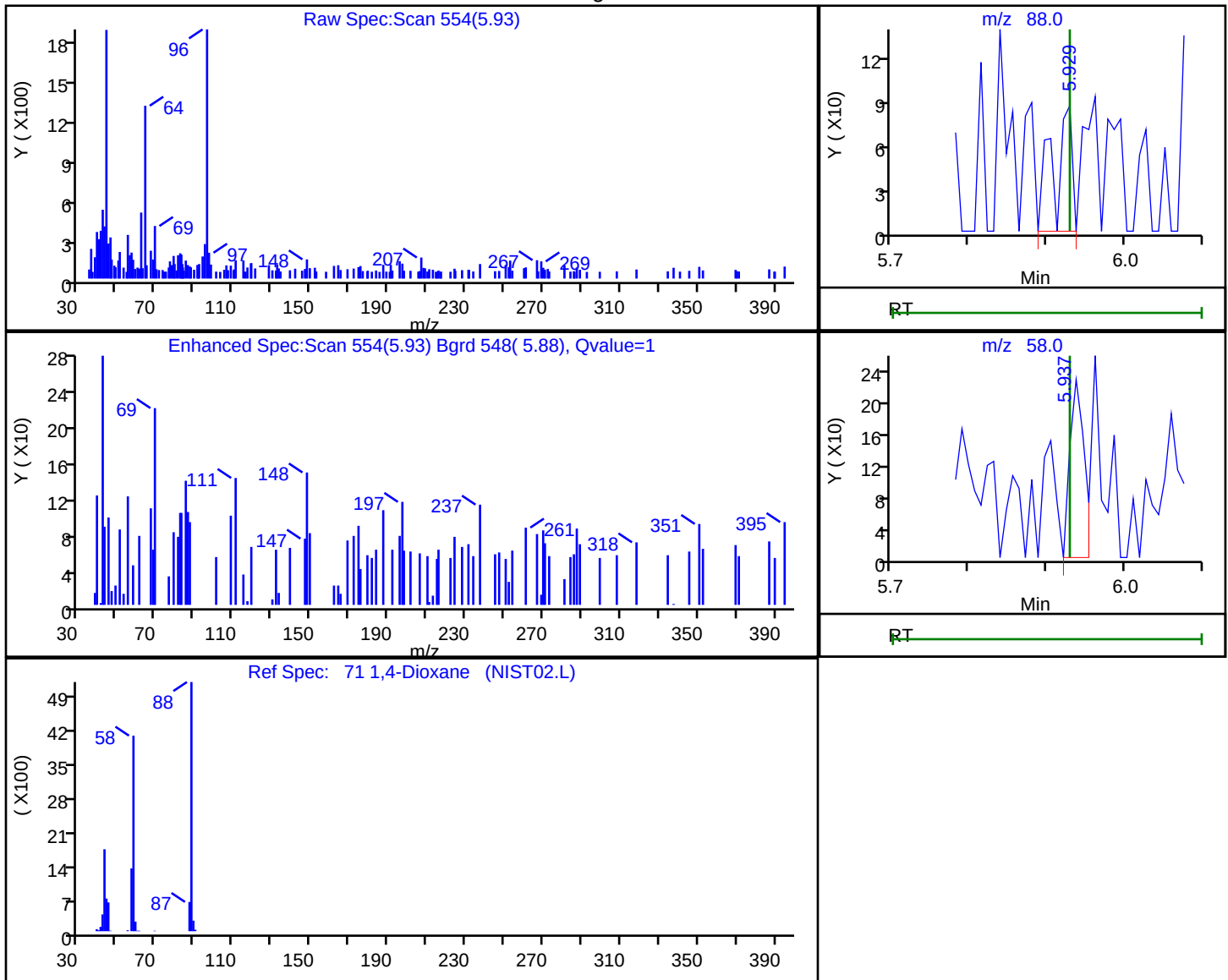
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
5.93	88.00	139	4.265844
5.94	58.00	292	

Reviewer: baronm, 09-Dec-2020 17:53:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

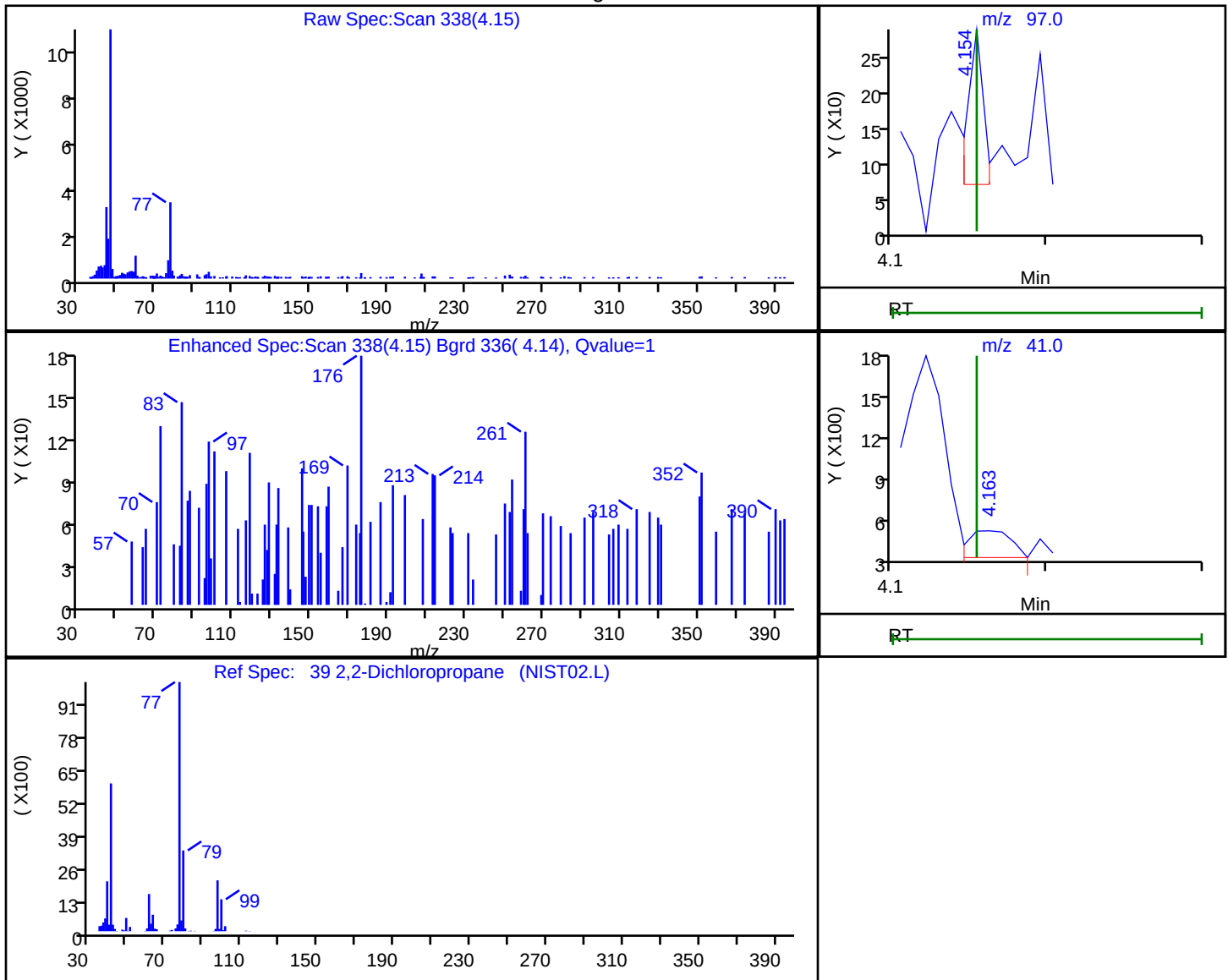
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.15	97.00	156	0.174377
4.16	41.00	347	

Reviewer: baronm, 09-Dec-2020 17:52:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

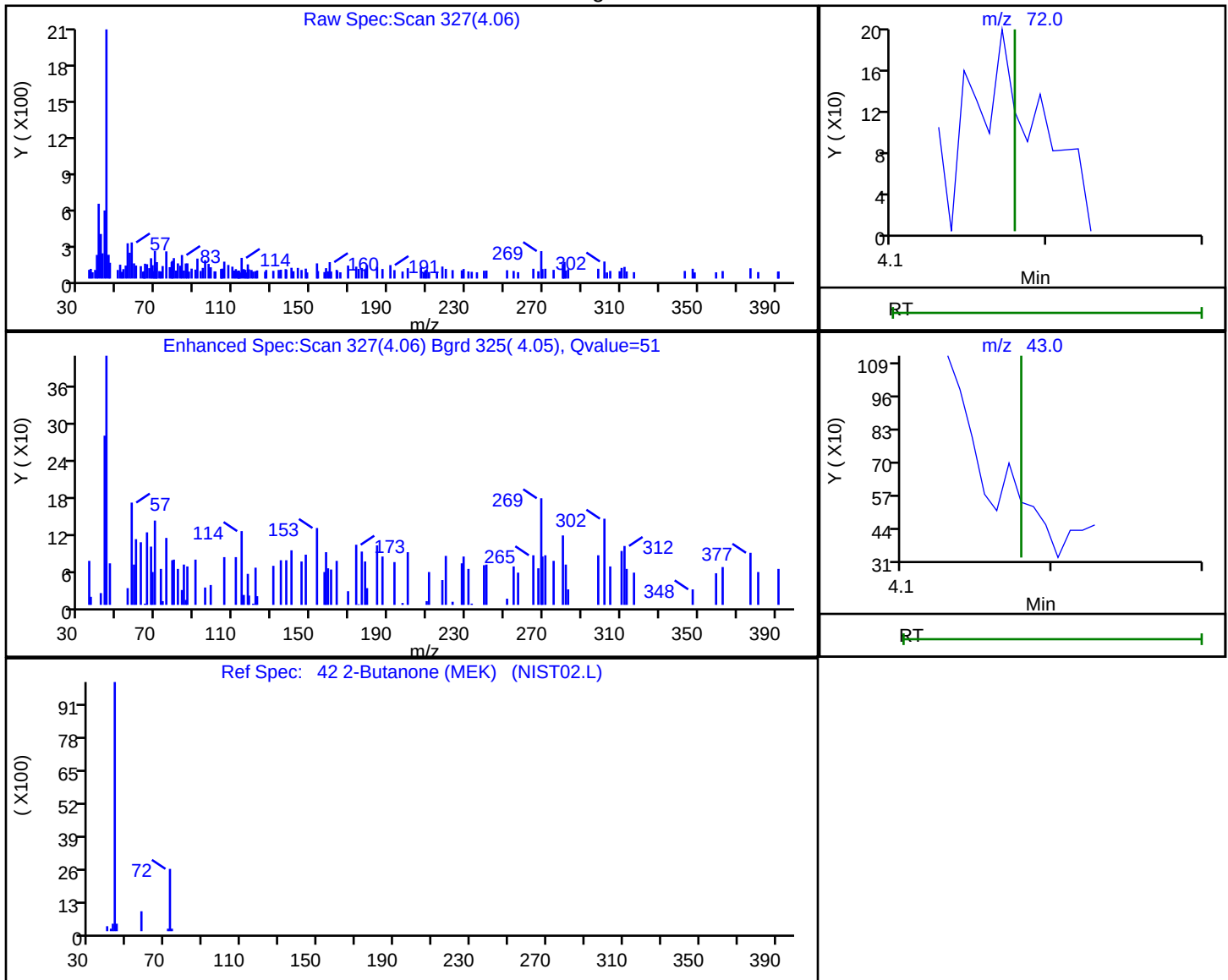
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.06	72.00	29	0.098017
4.06	43.00	221	

Reviewer: baronm, 09-Dec-2020 17:52:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

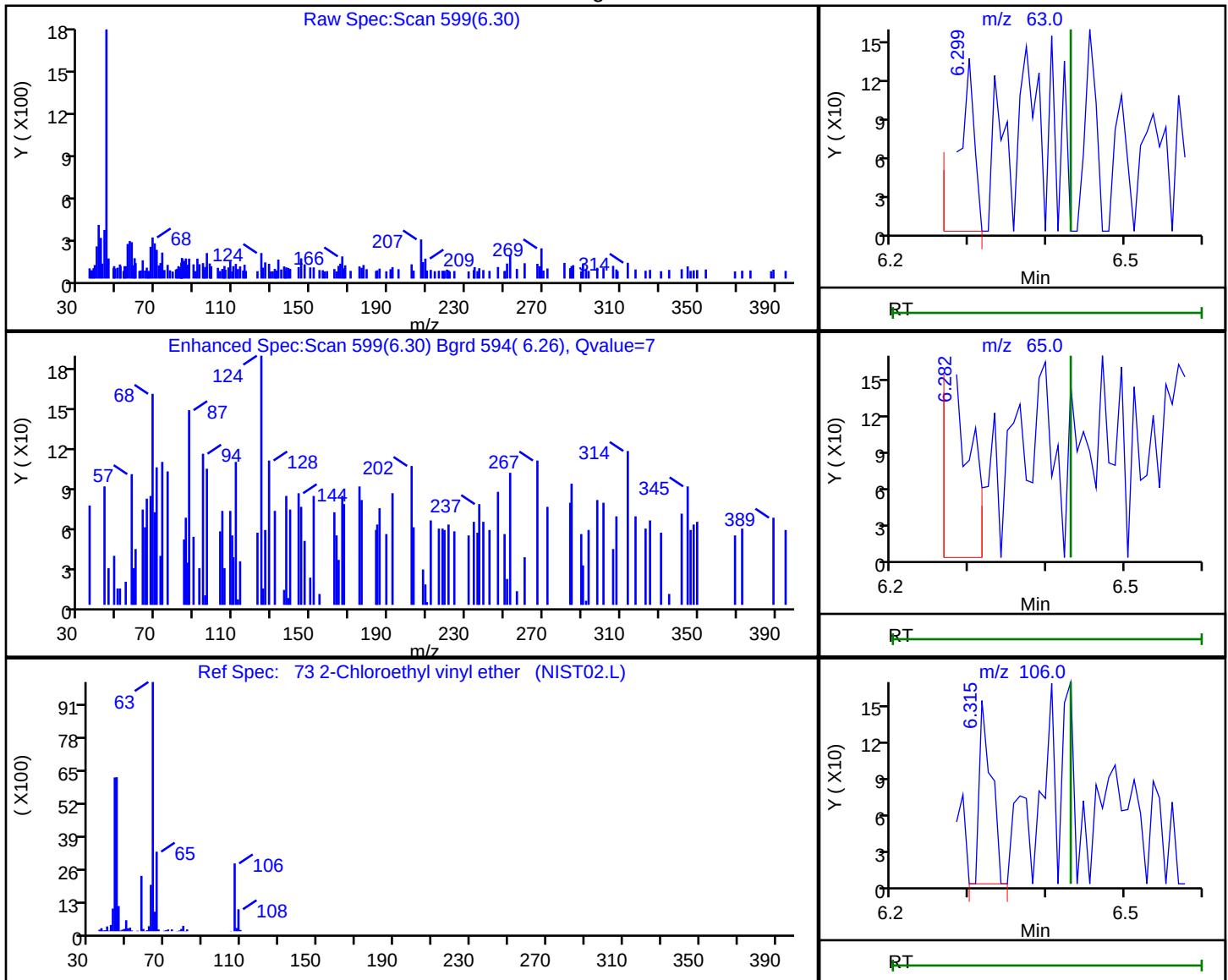
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

73 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
6.30	63.00	154	0.116768
6.28	65.00	252	
6.32	106.00	158	

Reviewer: baronm, 09-Dec-2020 17:53:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

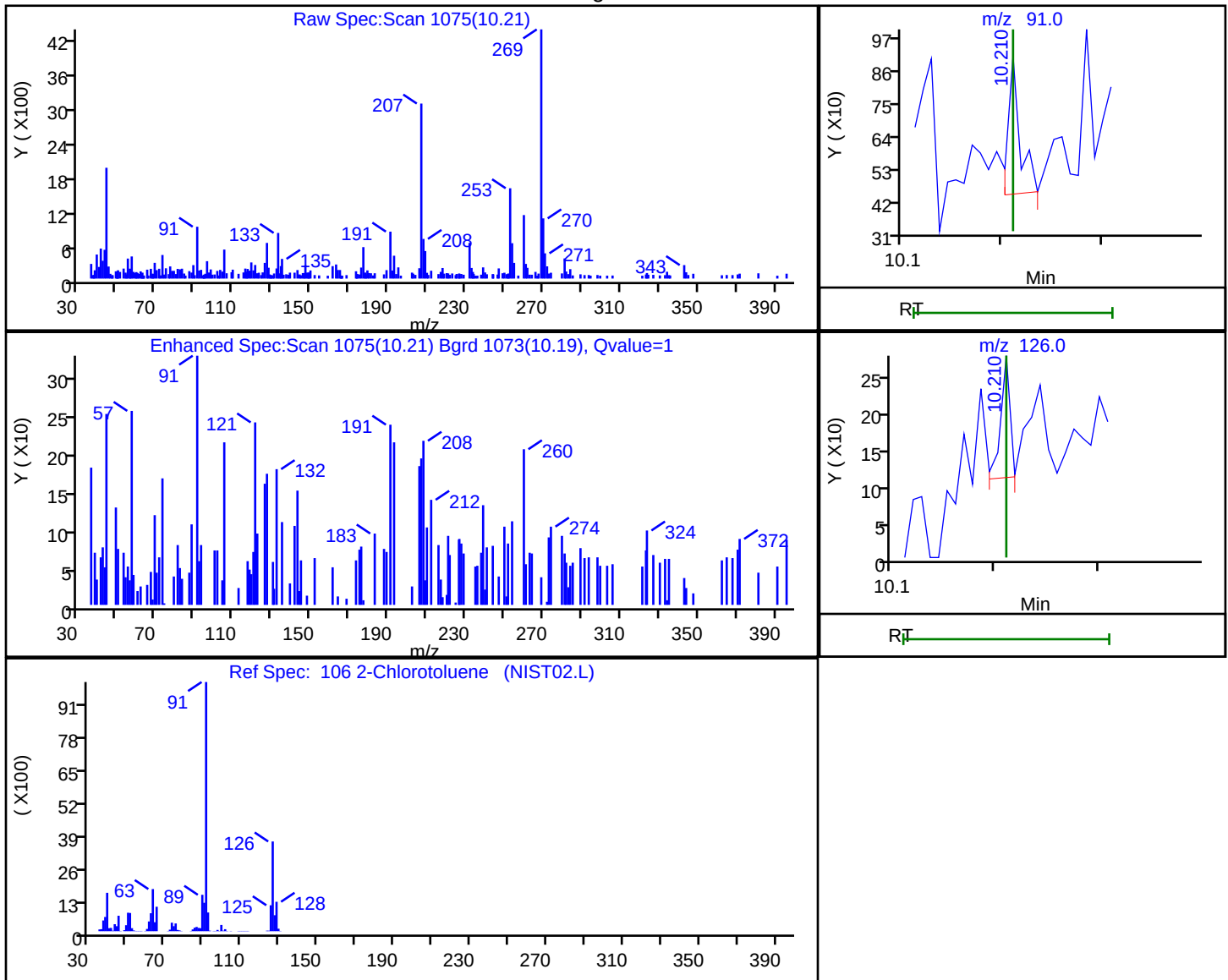
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.21	91.00	385	0.042095
10.21	126.00	106	

Reviewer: baronm, 09-Dec-2020 17:54:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

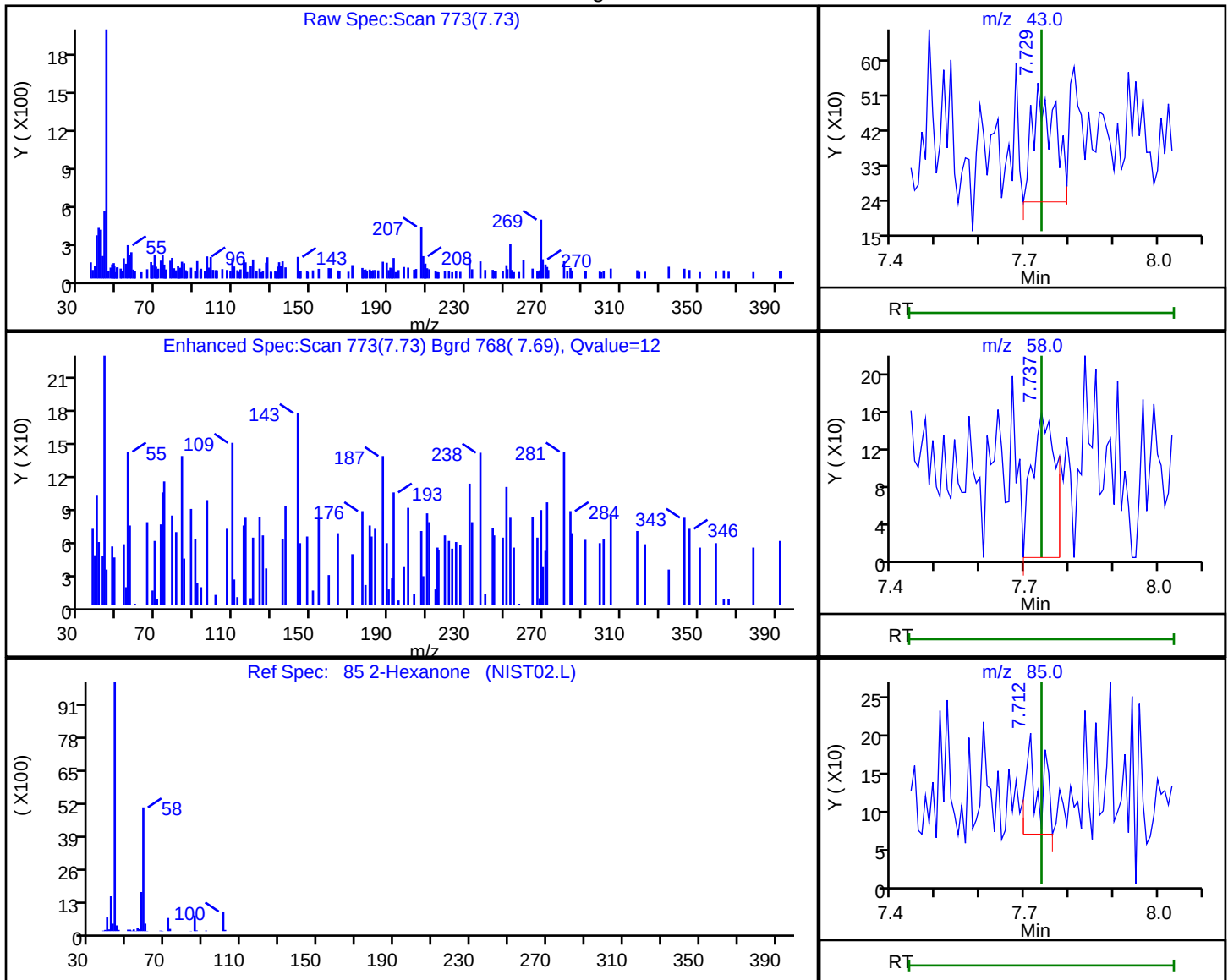
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.73	43.00	1063	0.844080
7.74	58.00	571	
7.71	85.00	273	
7.73	100.00	180	

Reviewer: baronm, 09-Dec-2020 17:54:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

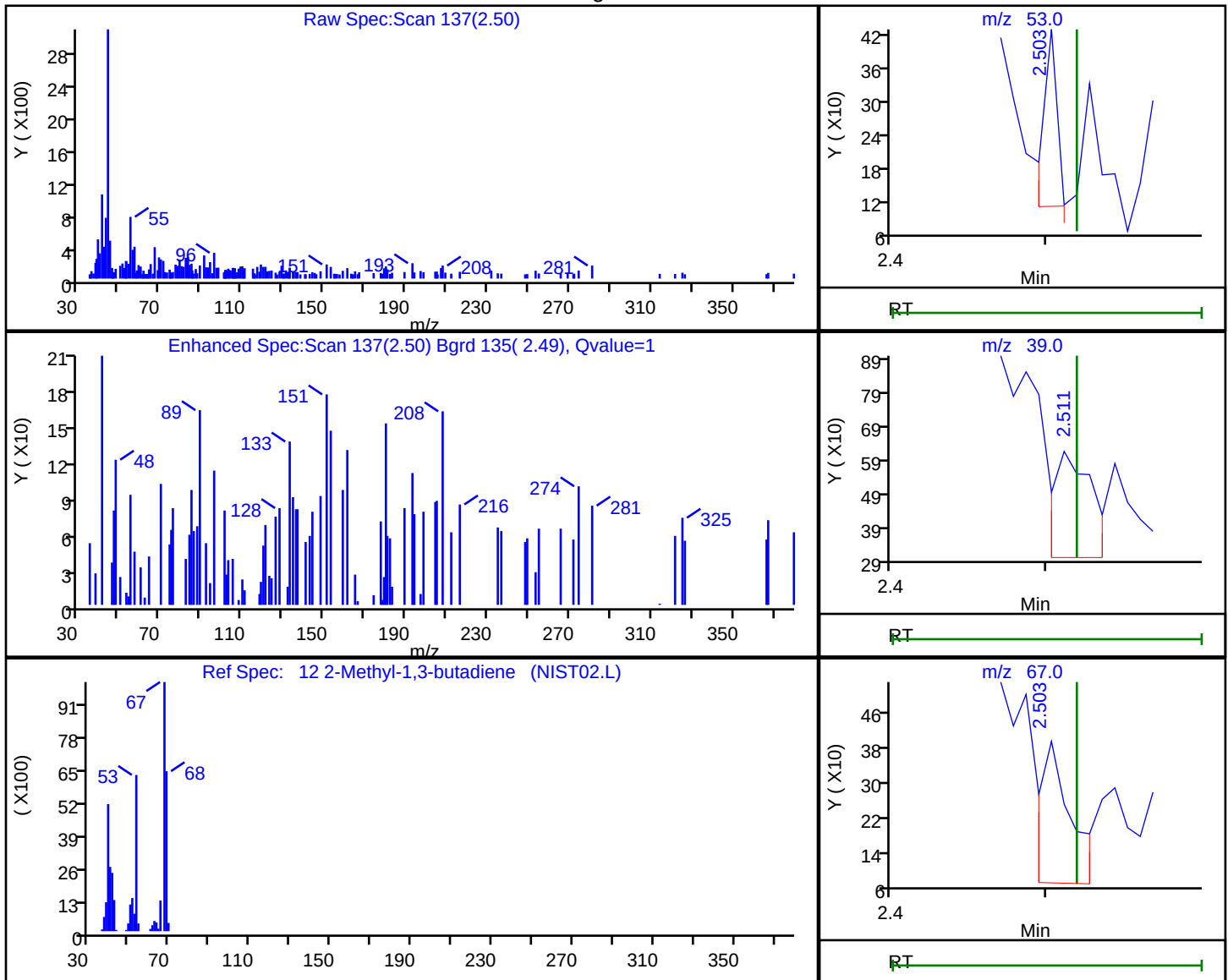
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.50	53.00	200	0.102708
2.51	39.00	559	
2.50	67.00	457	

Reviewer: baronm, 09-Dec-2020 17:51:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

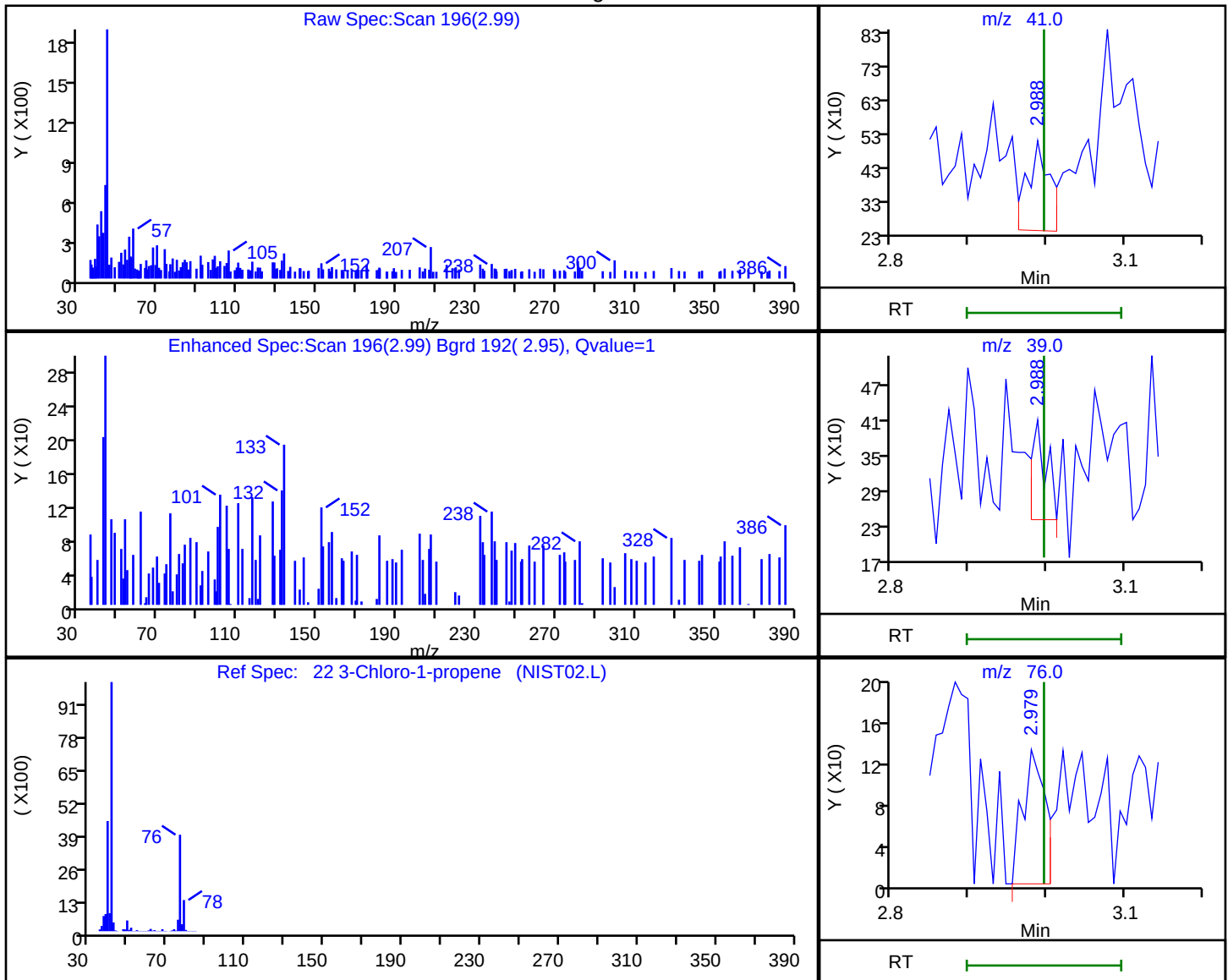
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.99	41.00	546	0.423589
2.99	39.00	216	
2.98	76.00	262	

Reviewer: baronm, 09-Dec-2020 17:52:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

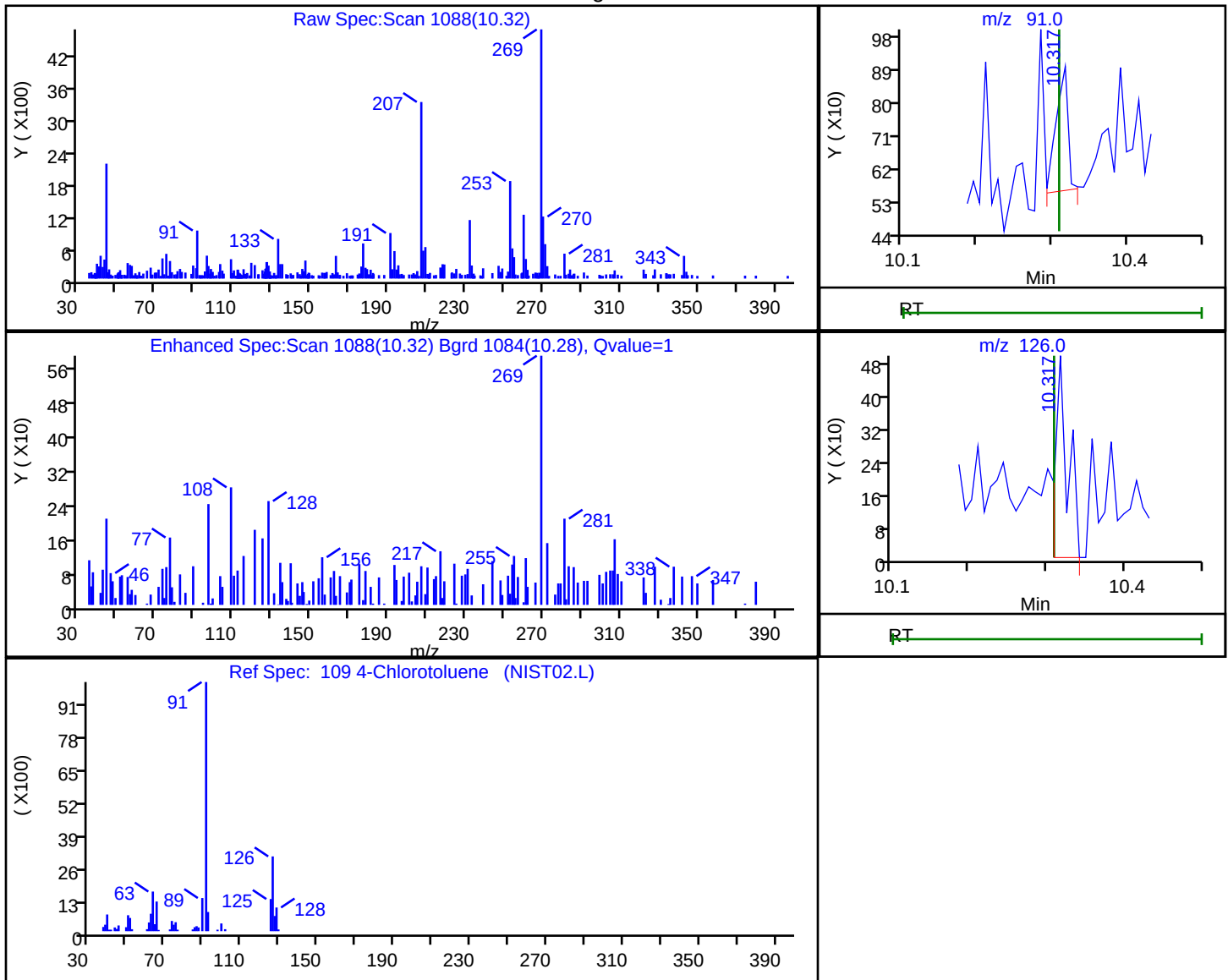
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.32	91.00	372	0.044971
10.32	126.00	547	

Reviewer: baronm, 09-Dec-2020 17:54:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

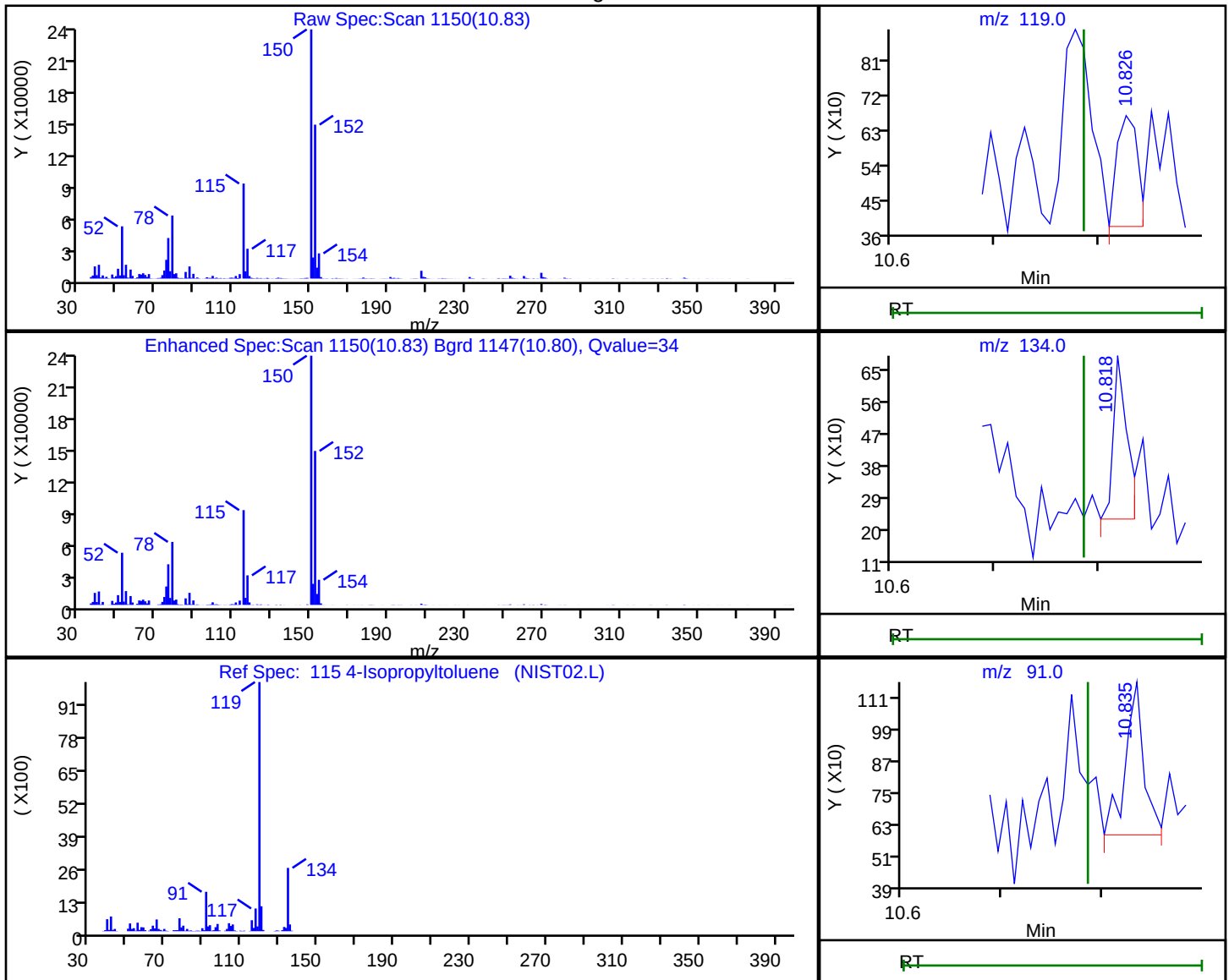
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

115 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.83	119.00	401	0.033223
10.82	134.00	436	
10.83	91.00	748	

Reviewer: baronm, 09-Dec-2020 17:54:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

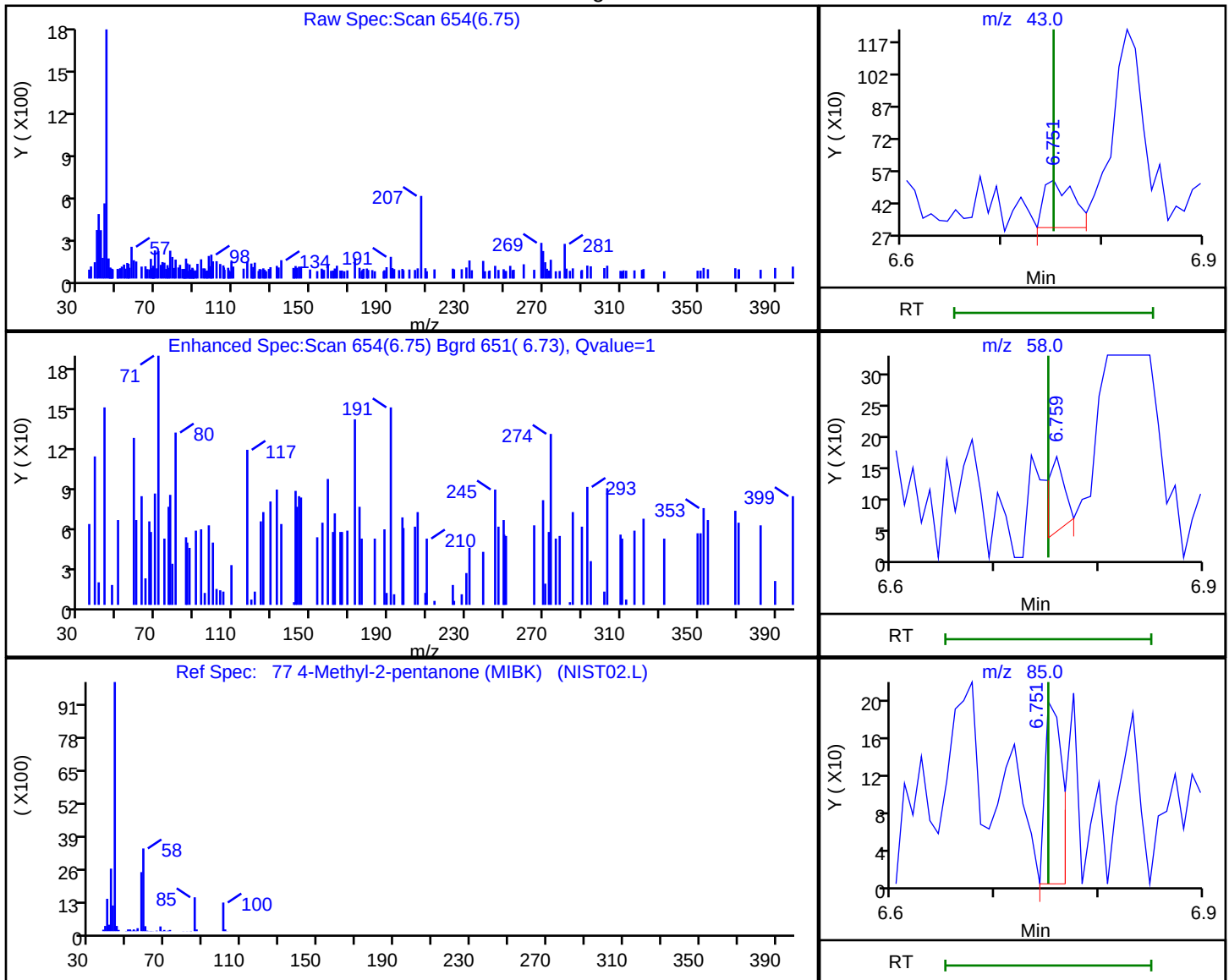
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.75	43.00	469	0.238397
6.76	58.00	135	
6.75	85.00	234	
6.74	100.00	158	

Reviewer: baronm, 09-Dec-2020 17:53:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

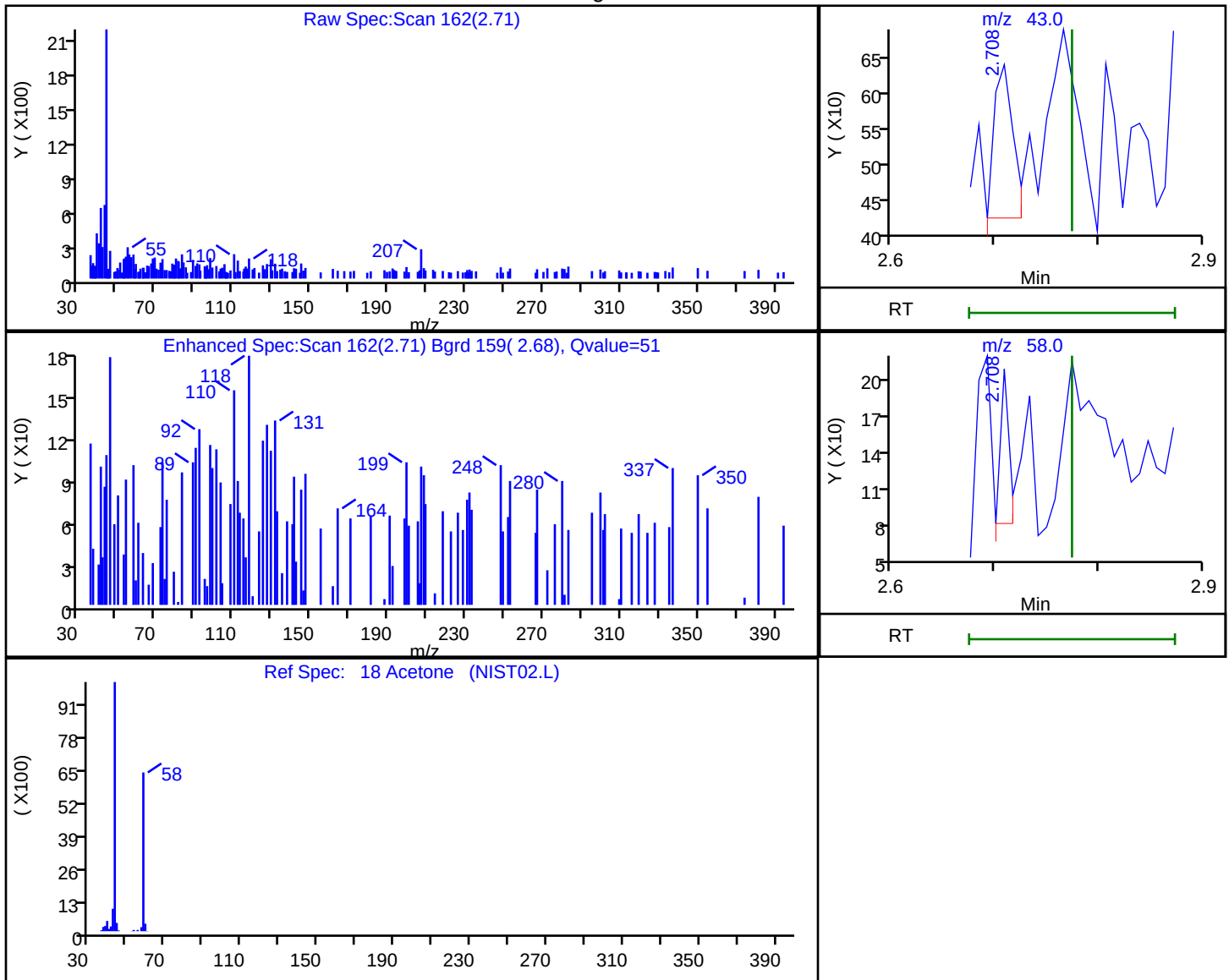
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.71	43.00	268	0.392029
2.71	58.00	74	

Reviewer: baronm, 09-Dec-2020 17:51:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

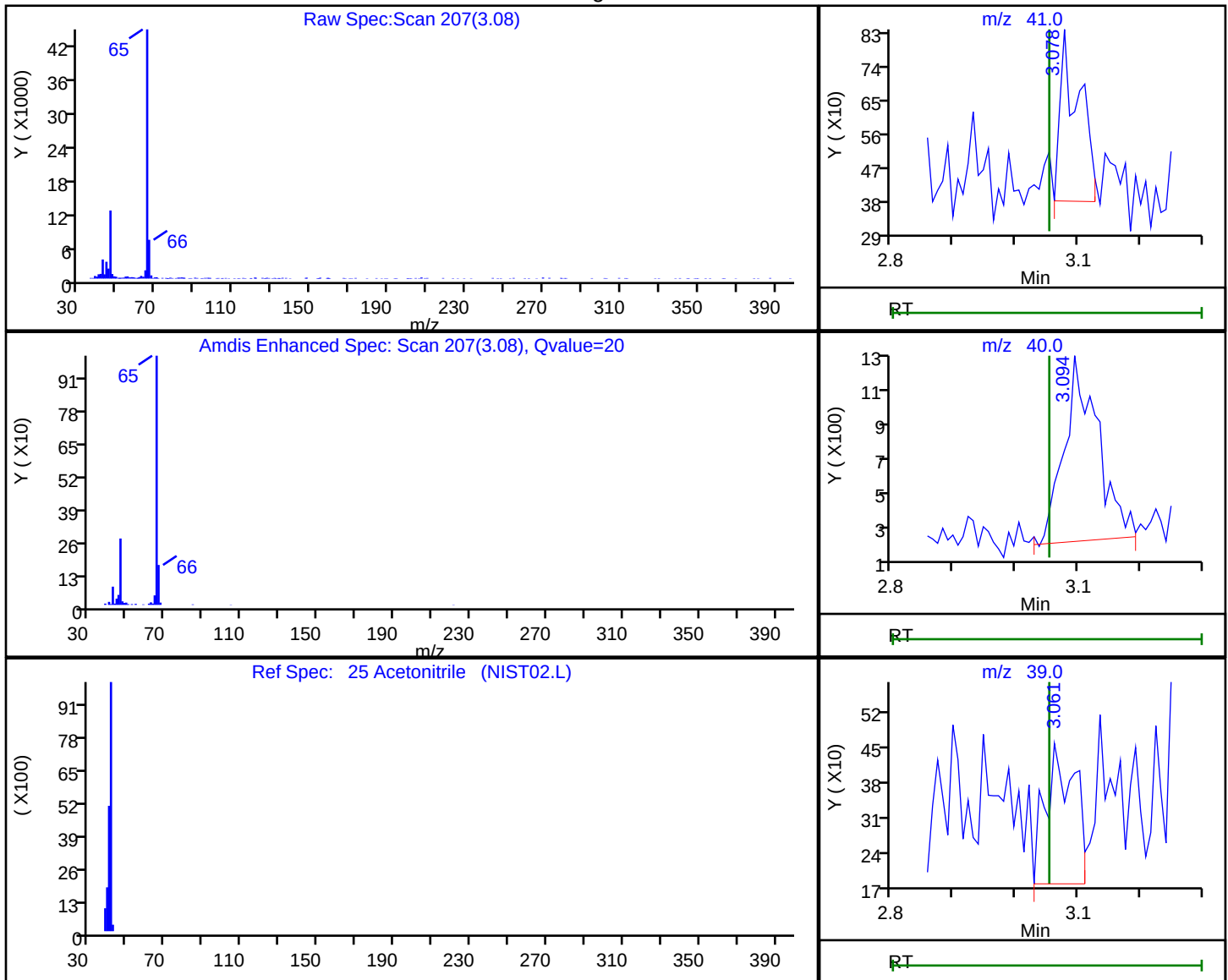
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.08	41.00	993	2.660762
3.09	40.00	3812	
3.06	39.00	909	
3.09	38.00	1115	

Reviewer: baronm, 09-Dec-2020 17:52:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

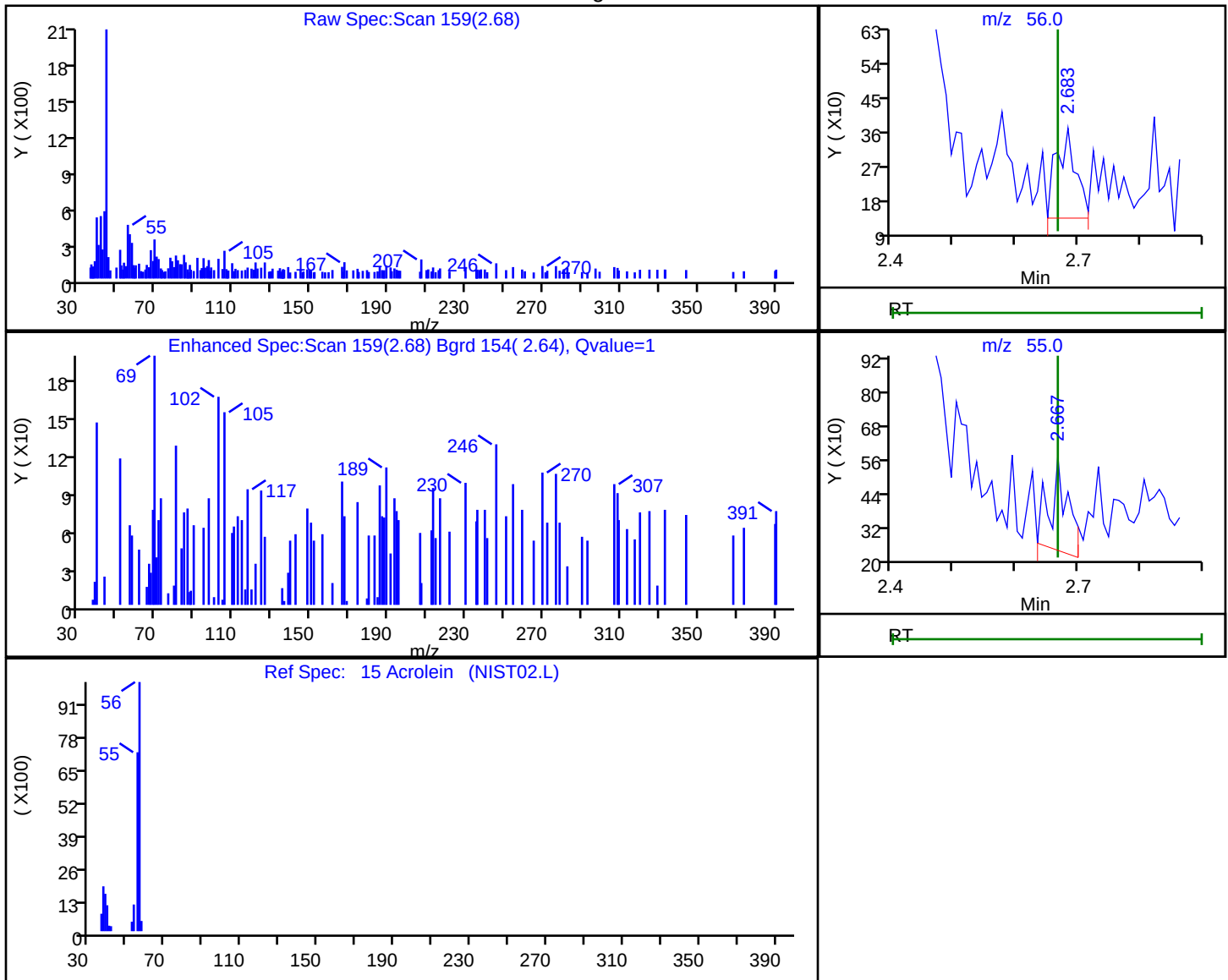
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

15 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.68	56.00	508	1.840700
2.67	55.00	667	

Reviewer: baronm, 09-Dec-2020 17:51:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

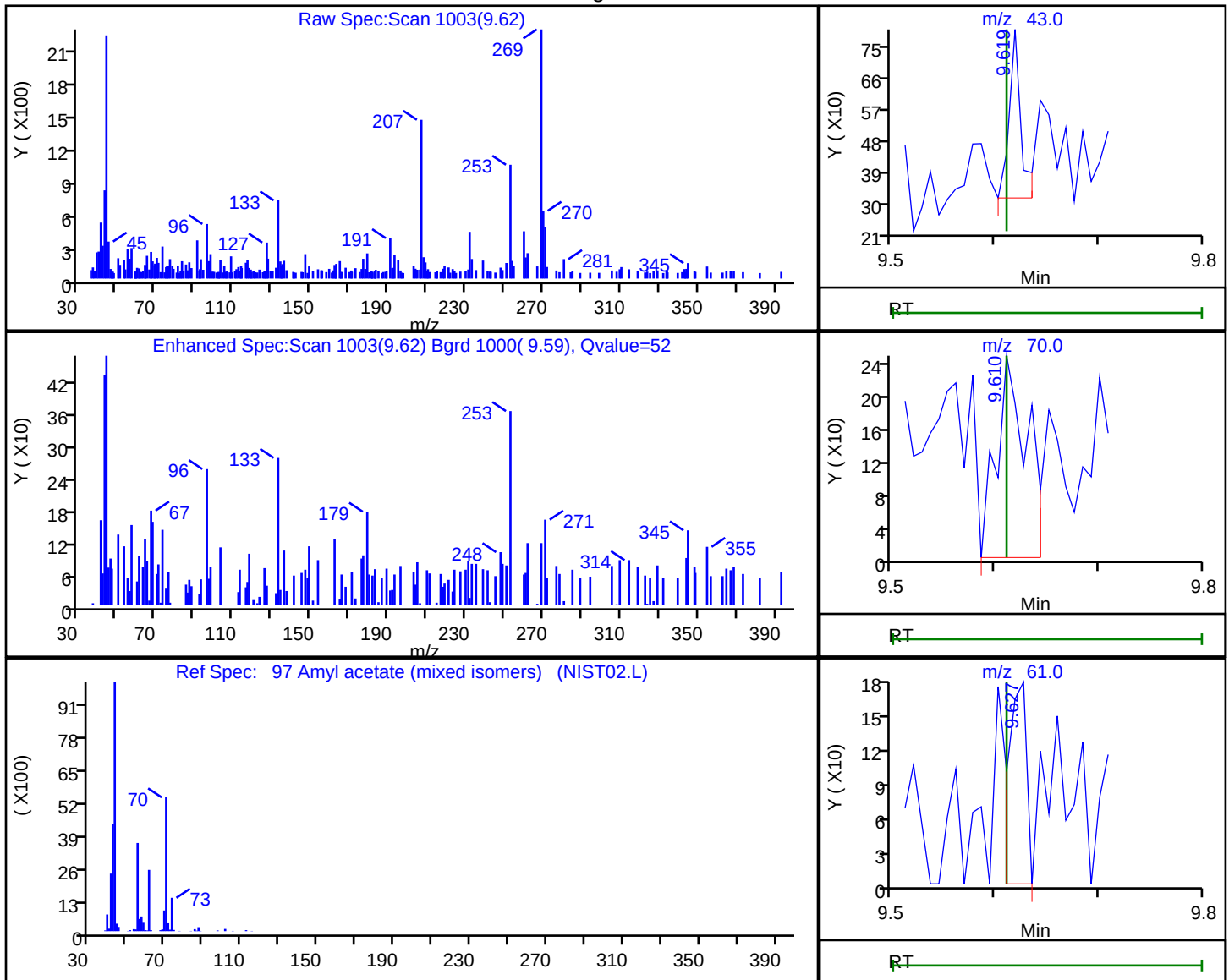
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.62	43.00	380	0.093810
9.61	70.00	511	
9.63	61.00	217	

Reviewer: baronm, 09-Dec-2020 17:54:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

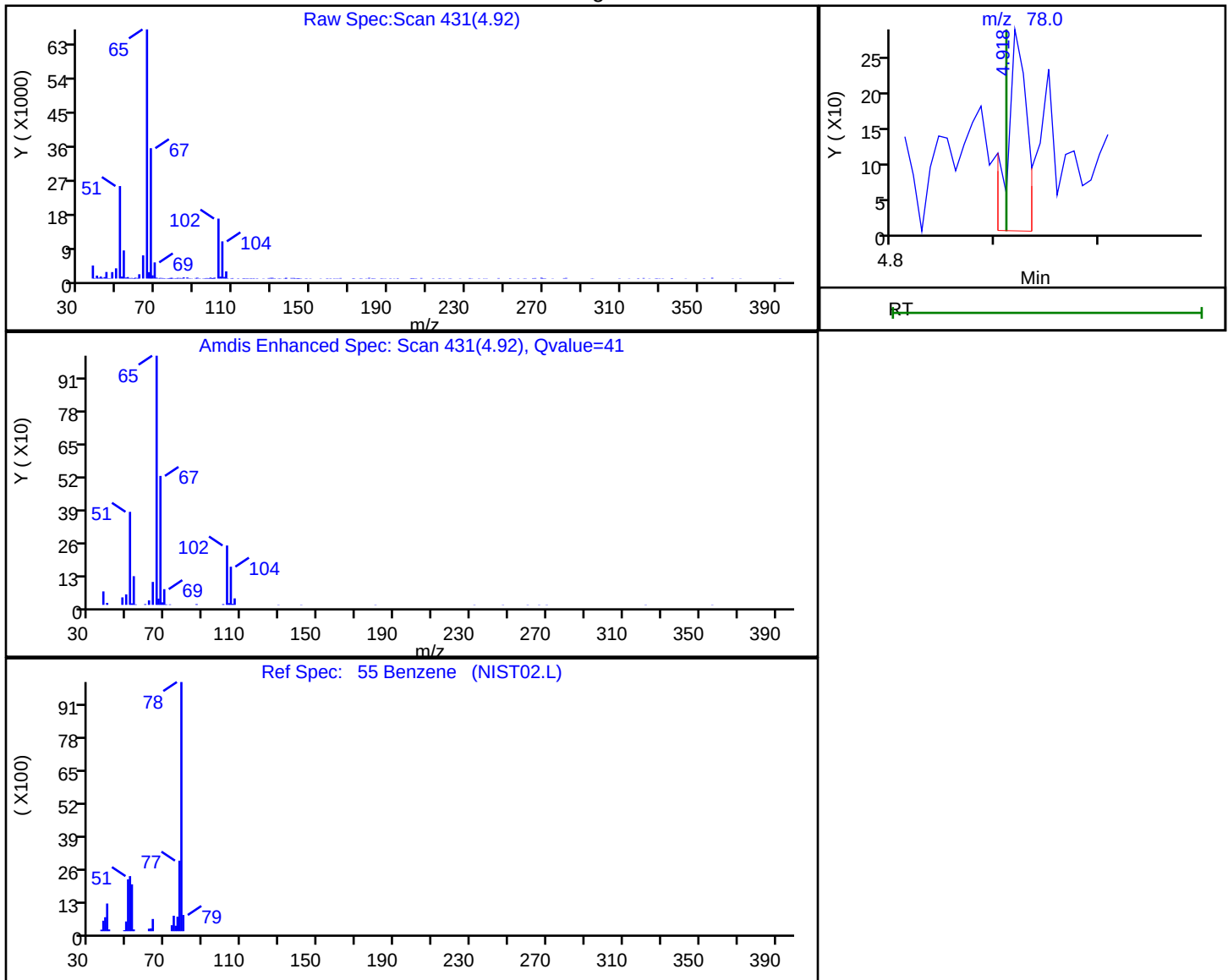
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

55 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.92	78.00	372	0.044274

Reviewer: baronm, 09-Dec-2020 17:53:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

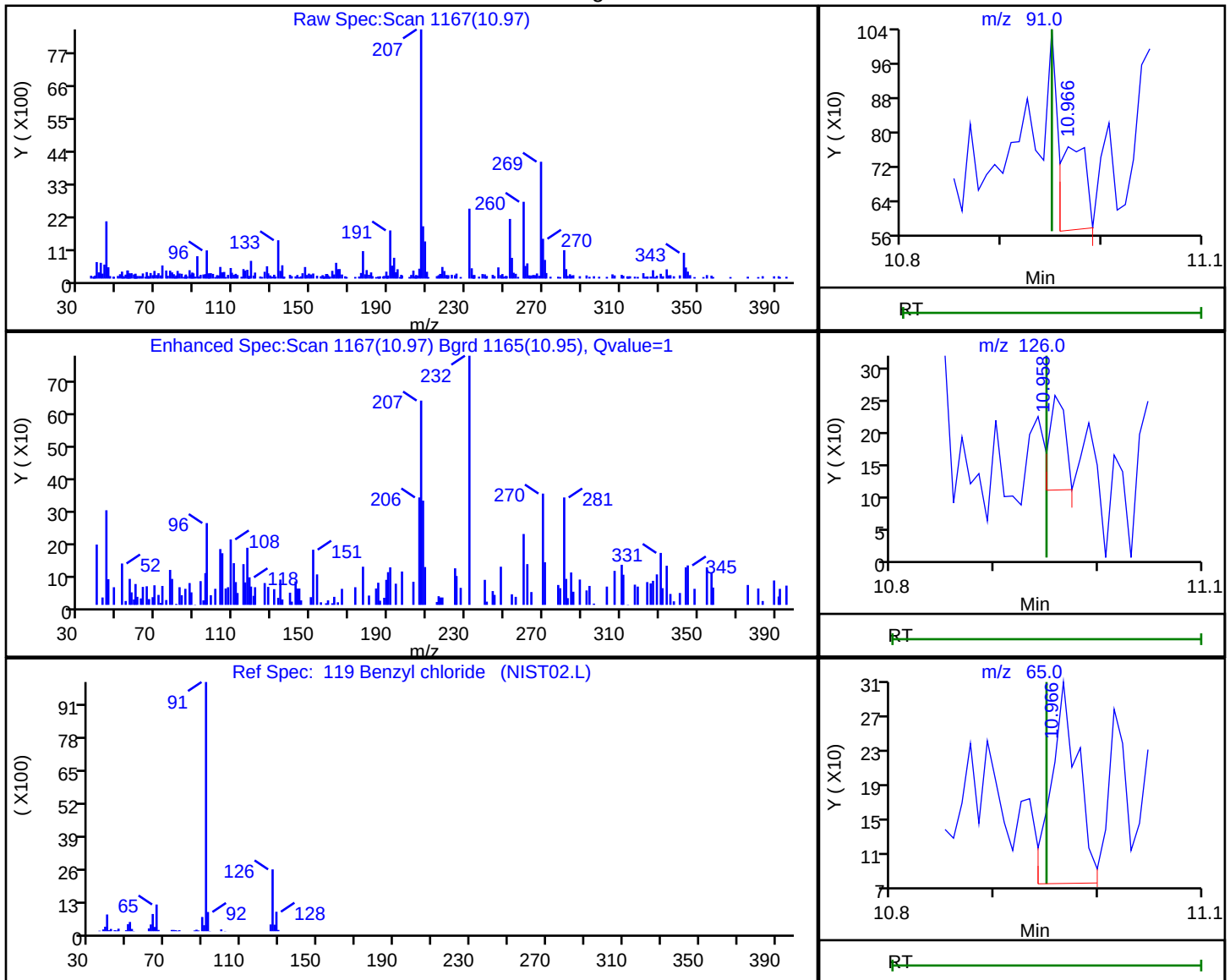
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

119 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.97	91.00	362	0.055824
10.96	126.00	162	
10.97	65.00	412	

Reviewer: baronm, 09-Dec-2020 17:54:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

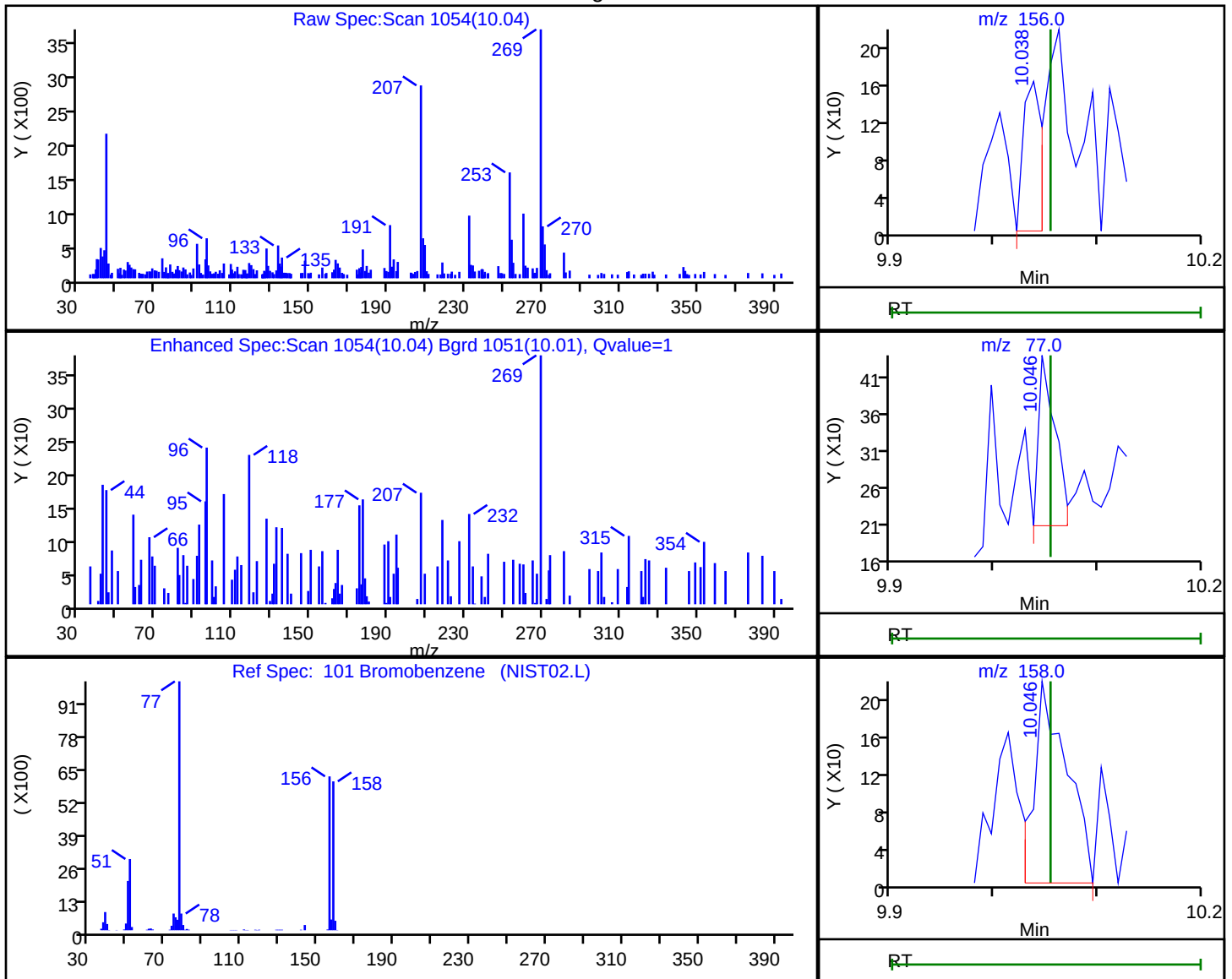
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

101 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
10.04	156.00	199	0.063854
10.05	77.00	257	
10.05	158.00	472	

Reviewer: baronm, 09-Dec-2020 17:54:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

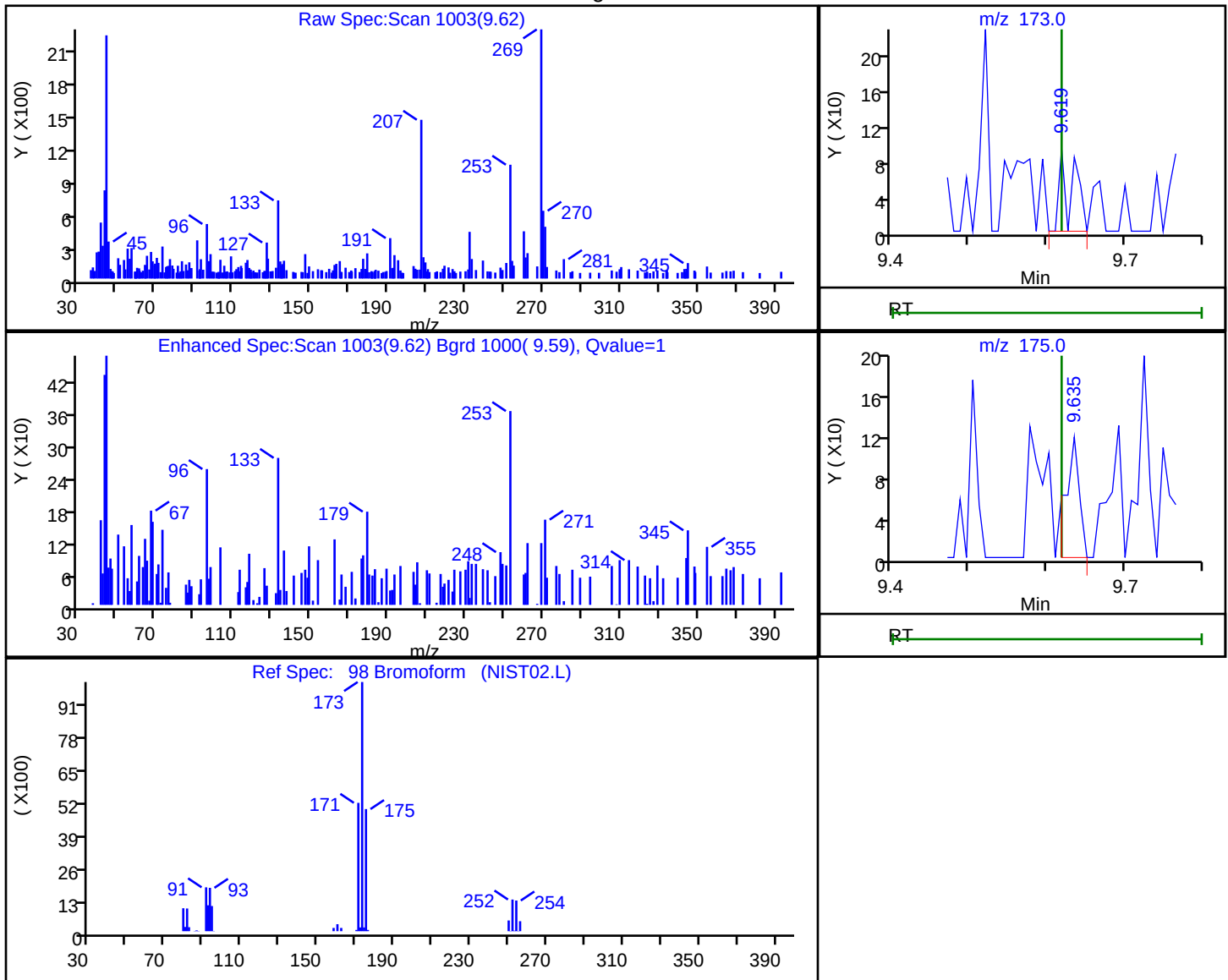
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

98 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
9.62	173.00	113	0.062817
9.63	175.00	139	

Reviewer: baronm, 09-Dec-2020 17:54:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

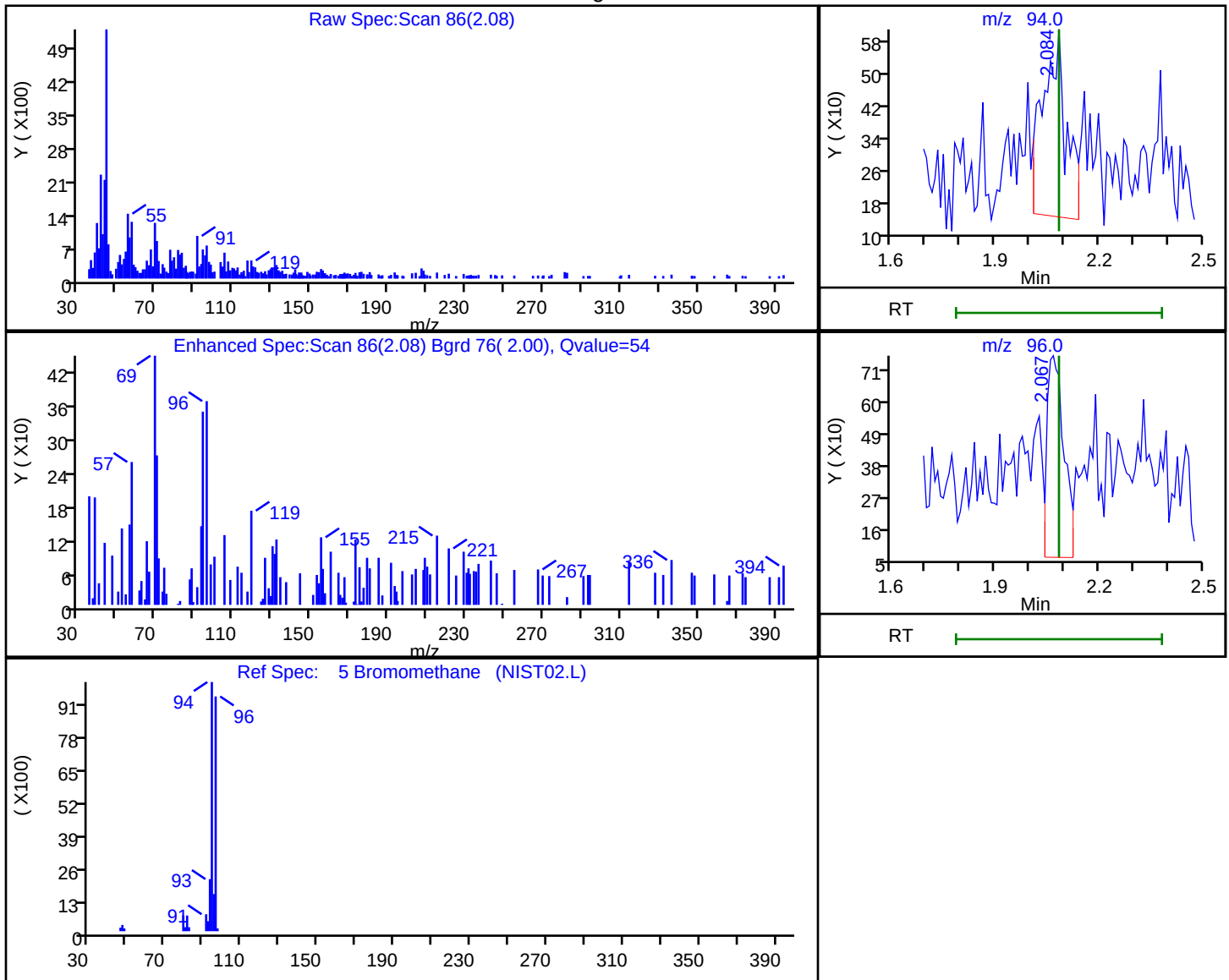
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.08	94.00	2216	0.555871
2.07	96.00	2412	

Reviewer: baronm, 09-Dec-2020 17:51:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

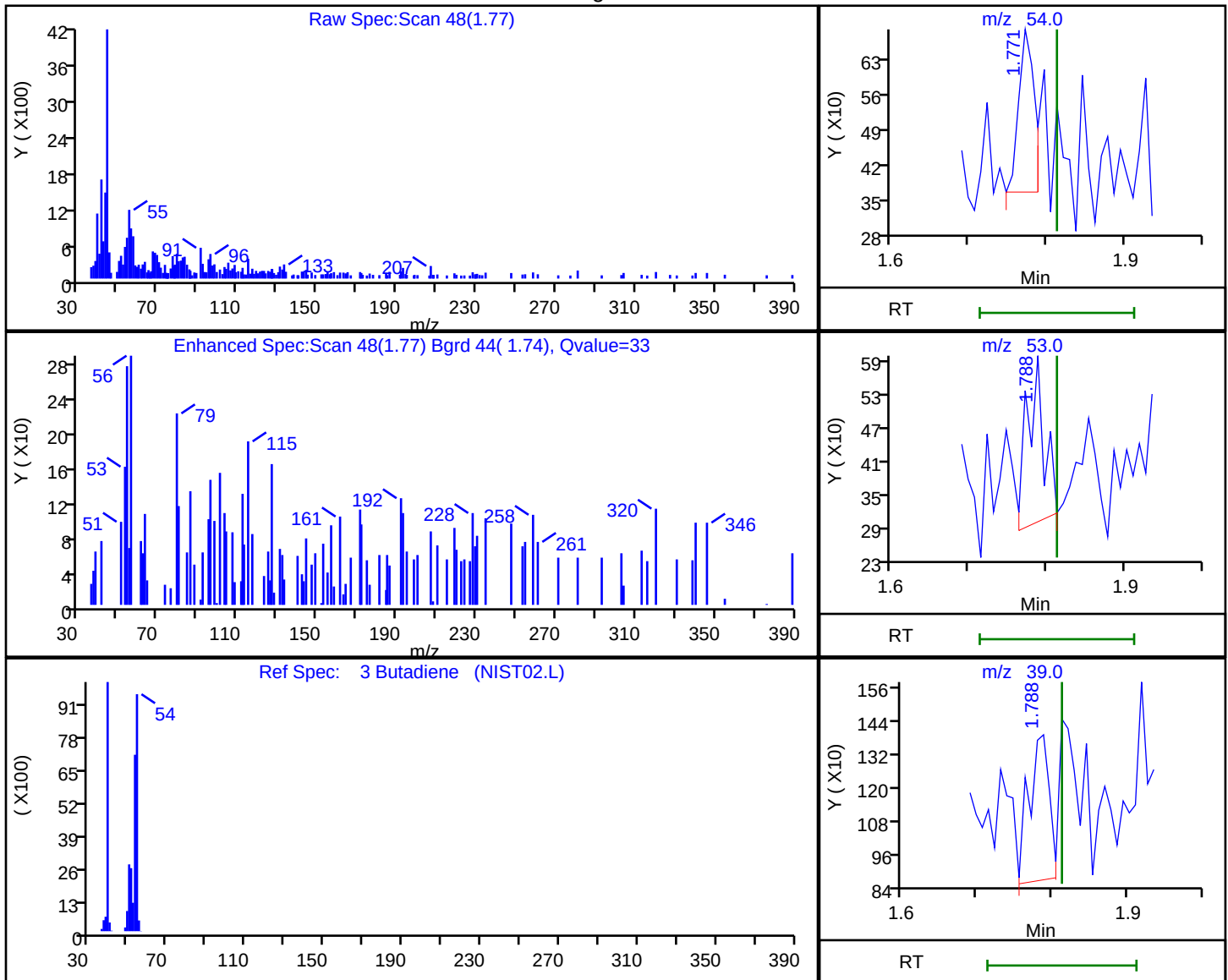
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.77	54.00	452	0.132056
1.79	53.00	451	
1.79	39.00	1008	

Reviewer: baronm, 09-Dec-2020 18:19:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

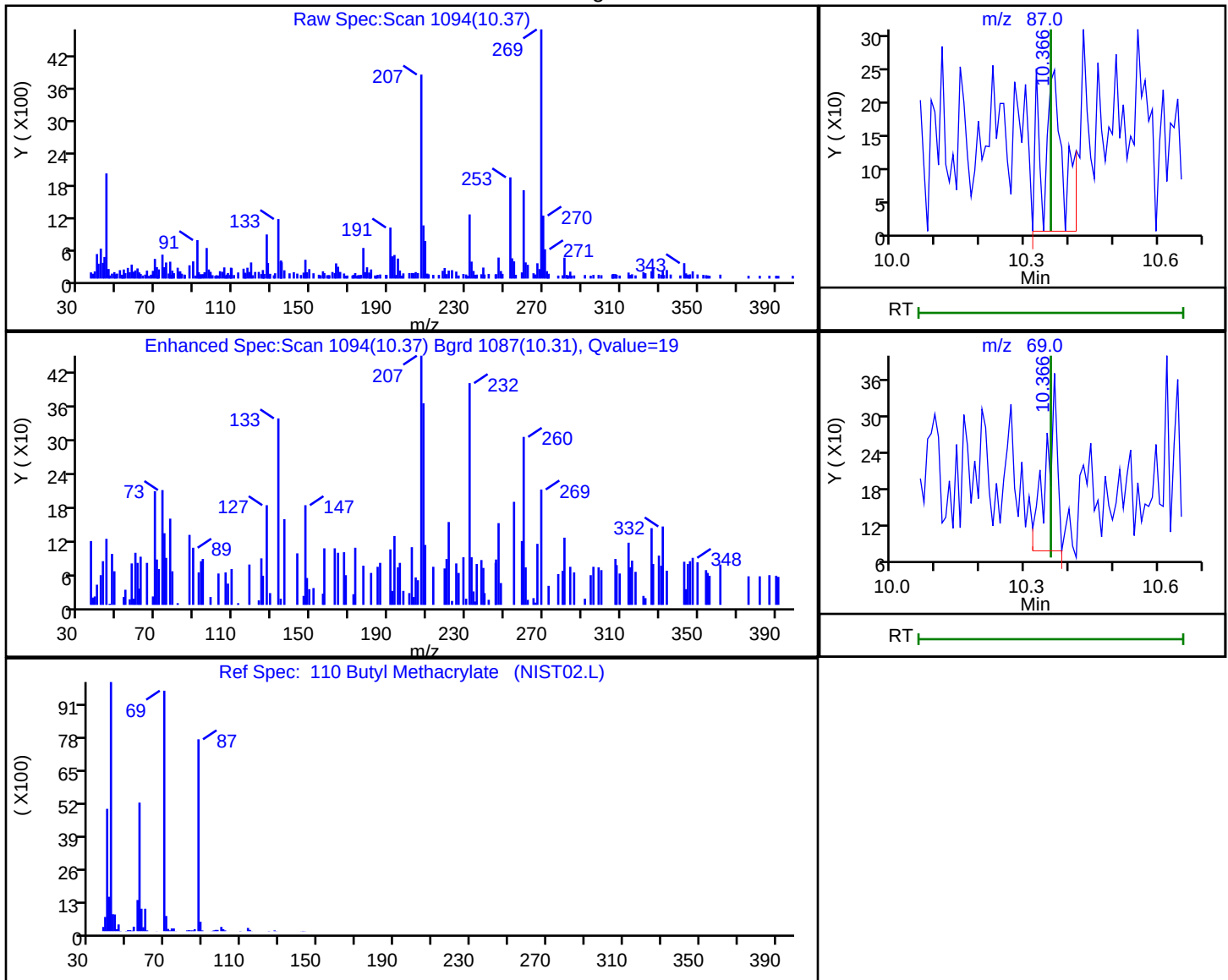
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

110 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.37	87.00	788	0.252294
10.37	69.00	498	

Reviewer: baronm, 09-Dec-2020 17:54:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

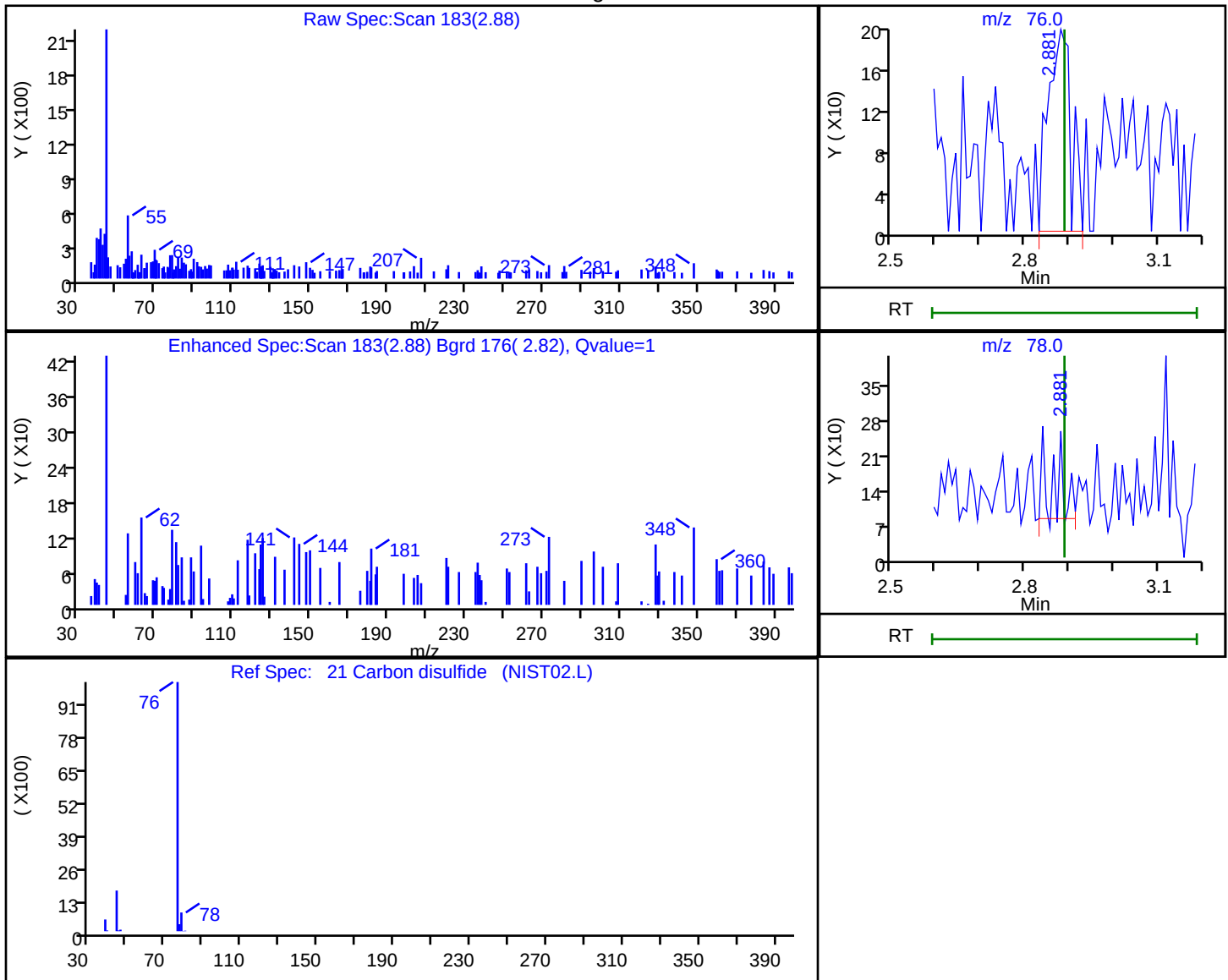
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.88	76.00	700	0.087495
2.88	78.00	295	

Reviewer: baronm, 09-Dec-2020 17:52:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

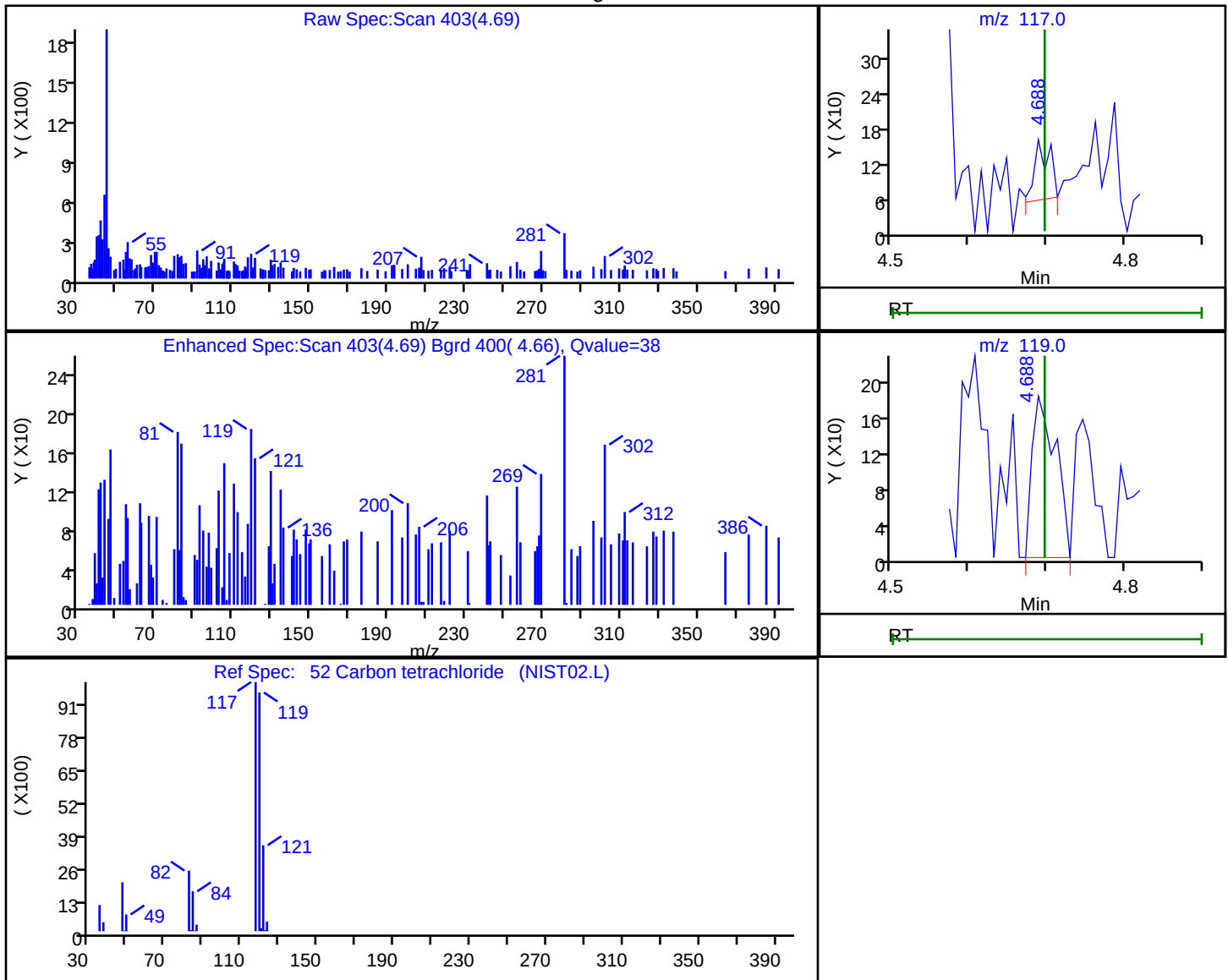
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
4.69	117.00	137	0.038868
4.69	119.00	380	

Reviewer: baronm, 09-Dec-2020 17:52:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

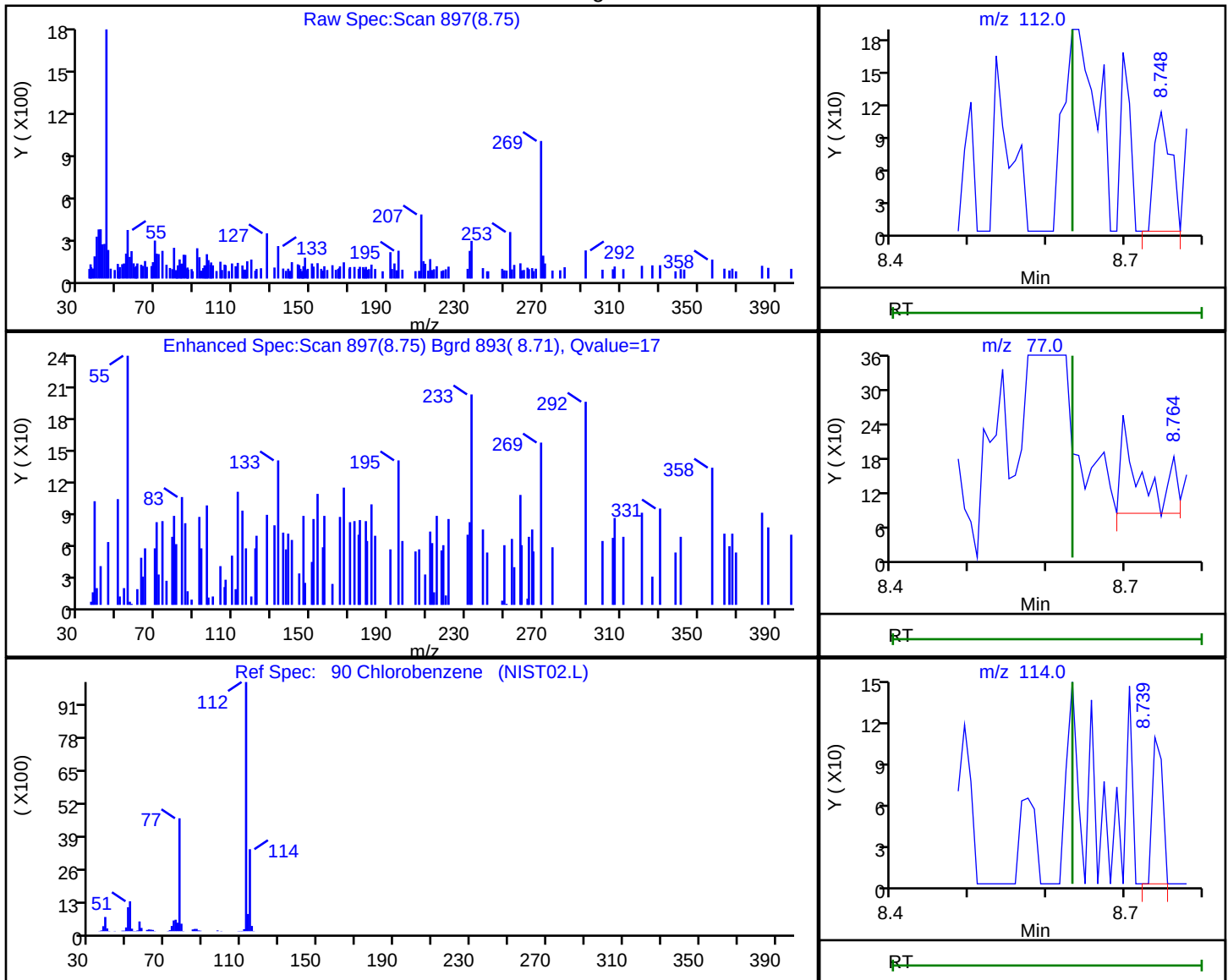
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

90 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.75	112.00	161	0.026319
8.76	77.00	318	
8.74	114.00	97	

Reviewer: baronm, 09-Dec-2020 17:54:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

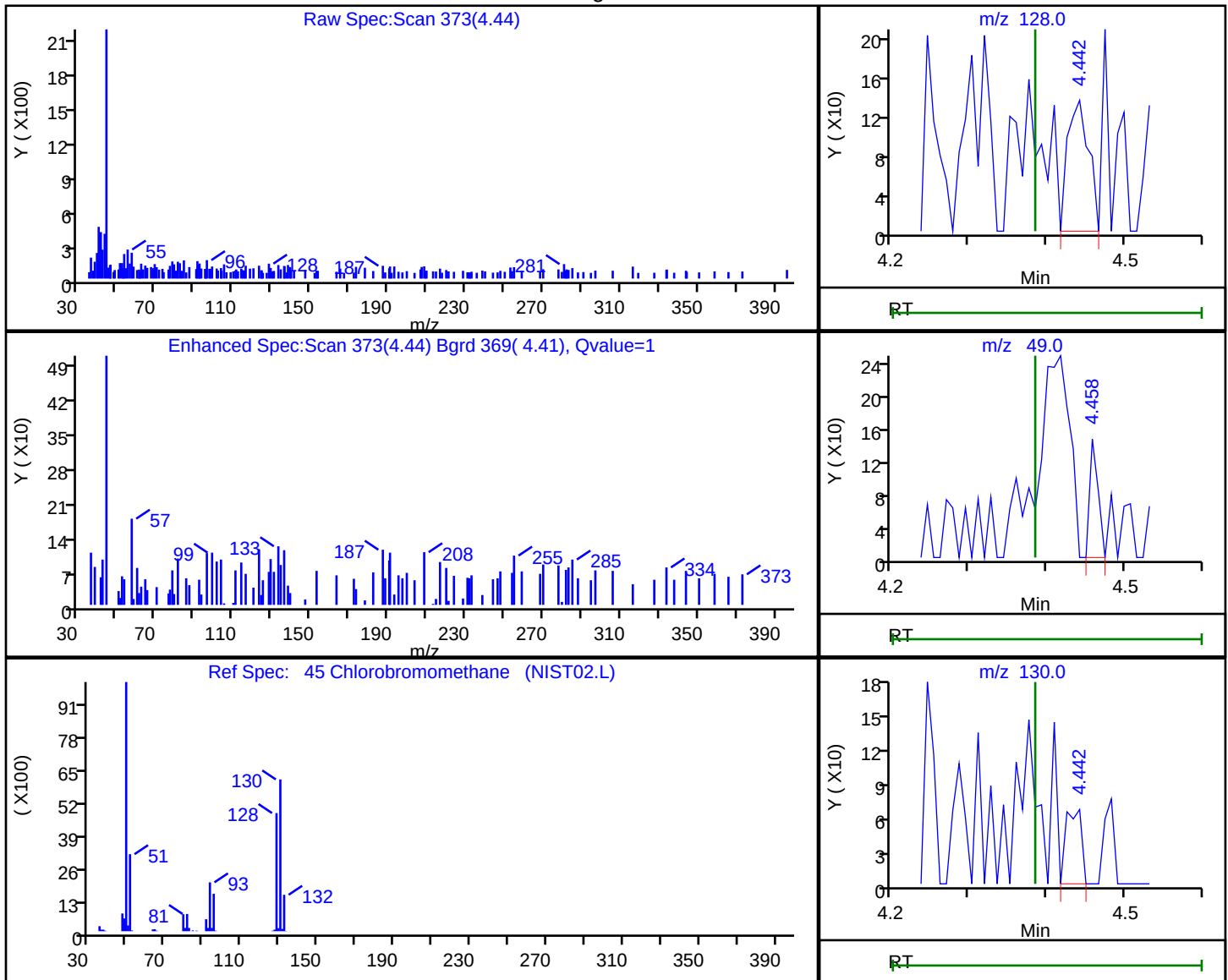
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.44	128.00	247	0.165699
4.46	49.00	108	
4.44	130.00	88	

Reviewer: baronm, 09-Dec-2020 17:52:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

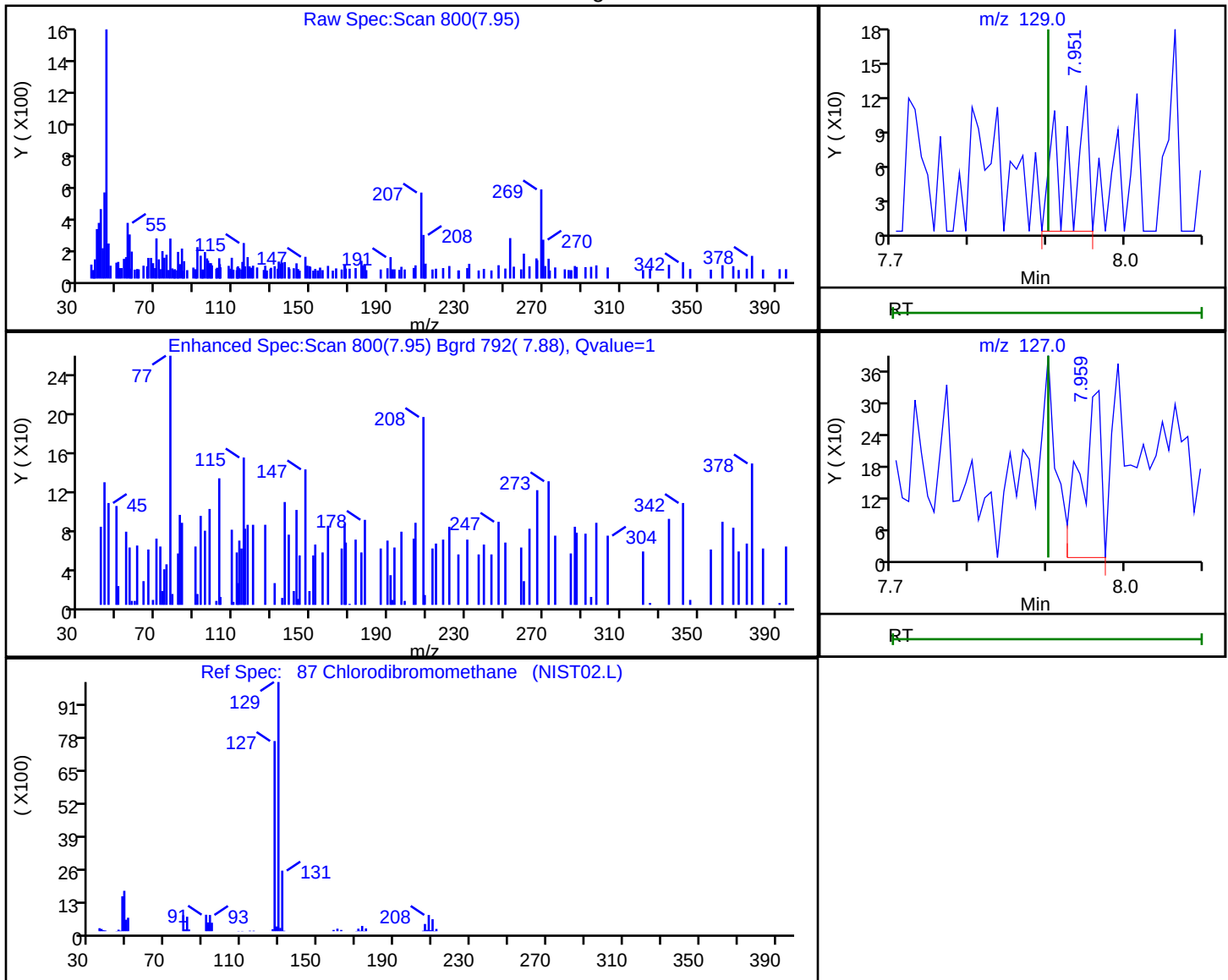
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

87 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
7.95	129.00	225	0.100217
7.96	127.00	553	

Reviewer: baronm, 09-Dec-2020 17:54:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

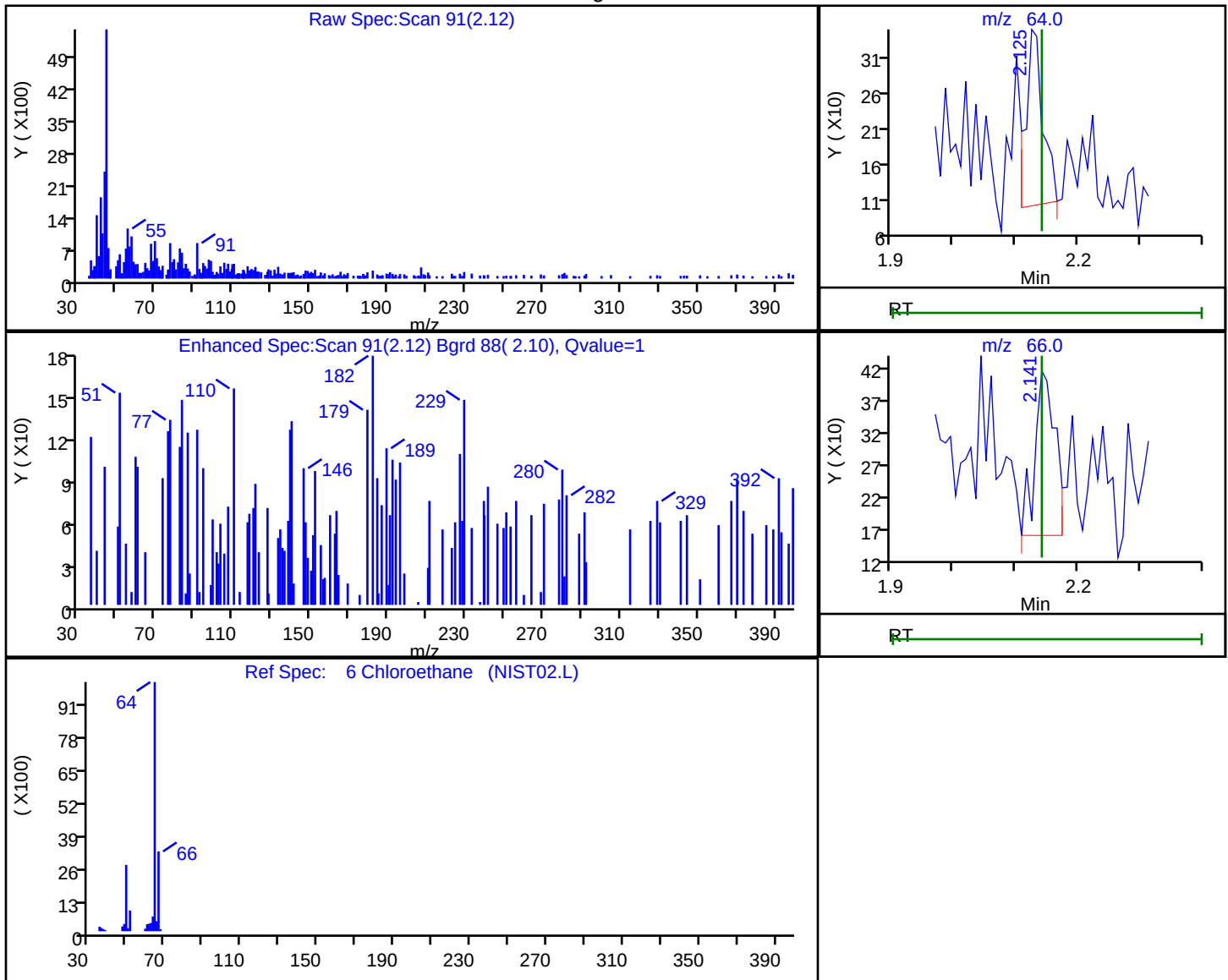
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.12	64.00	469	0.171034
2.14	66.00	583	

Reviewer: baronm, 09-Dec-2020 17:51:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

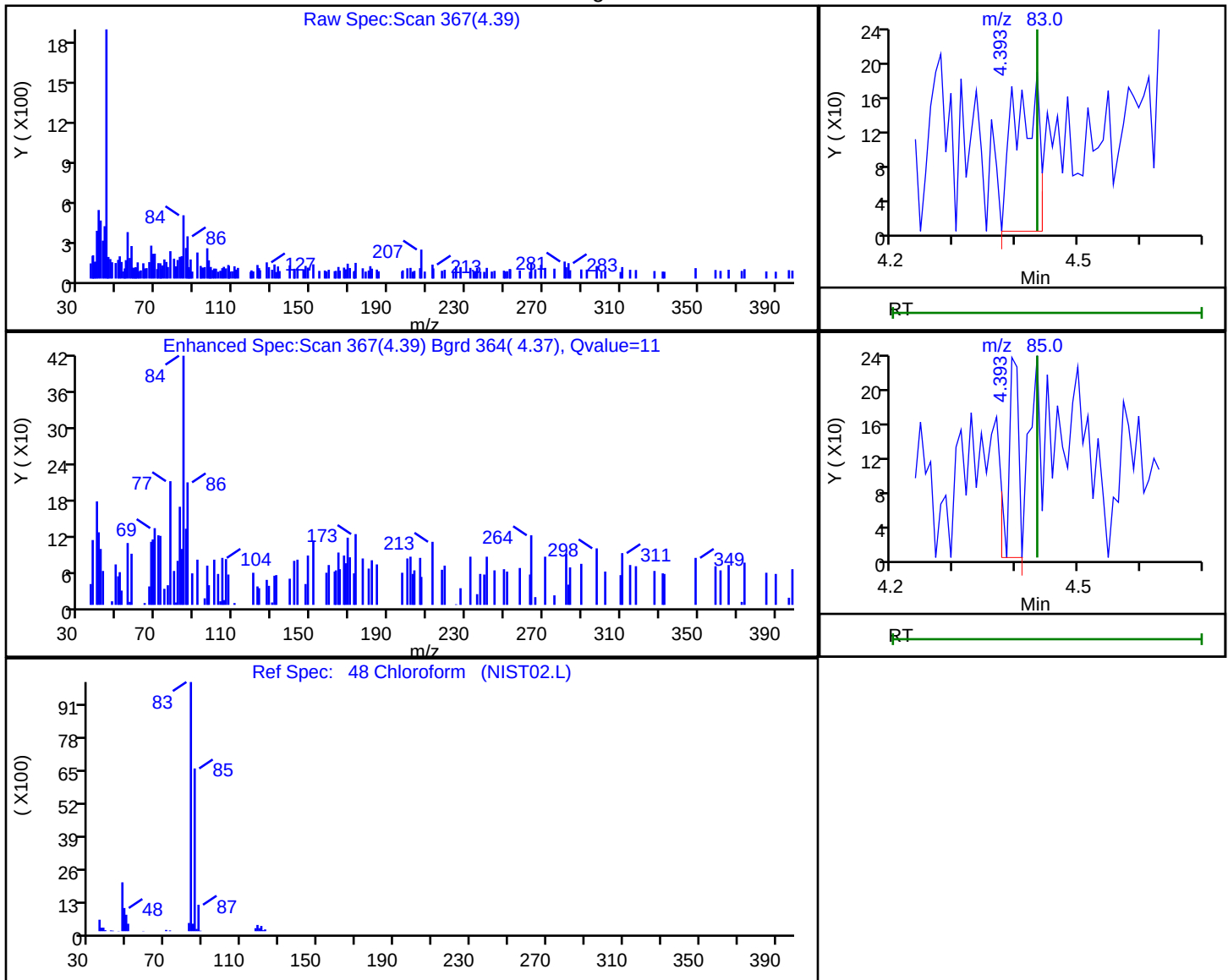
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.39	83.00	491	0.122278
4.39	85.00	261	

Reviewer: baronm, 09-Dec-2020 17:52:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

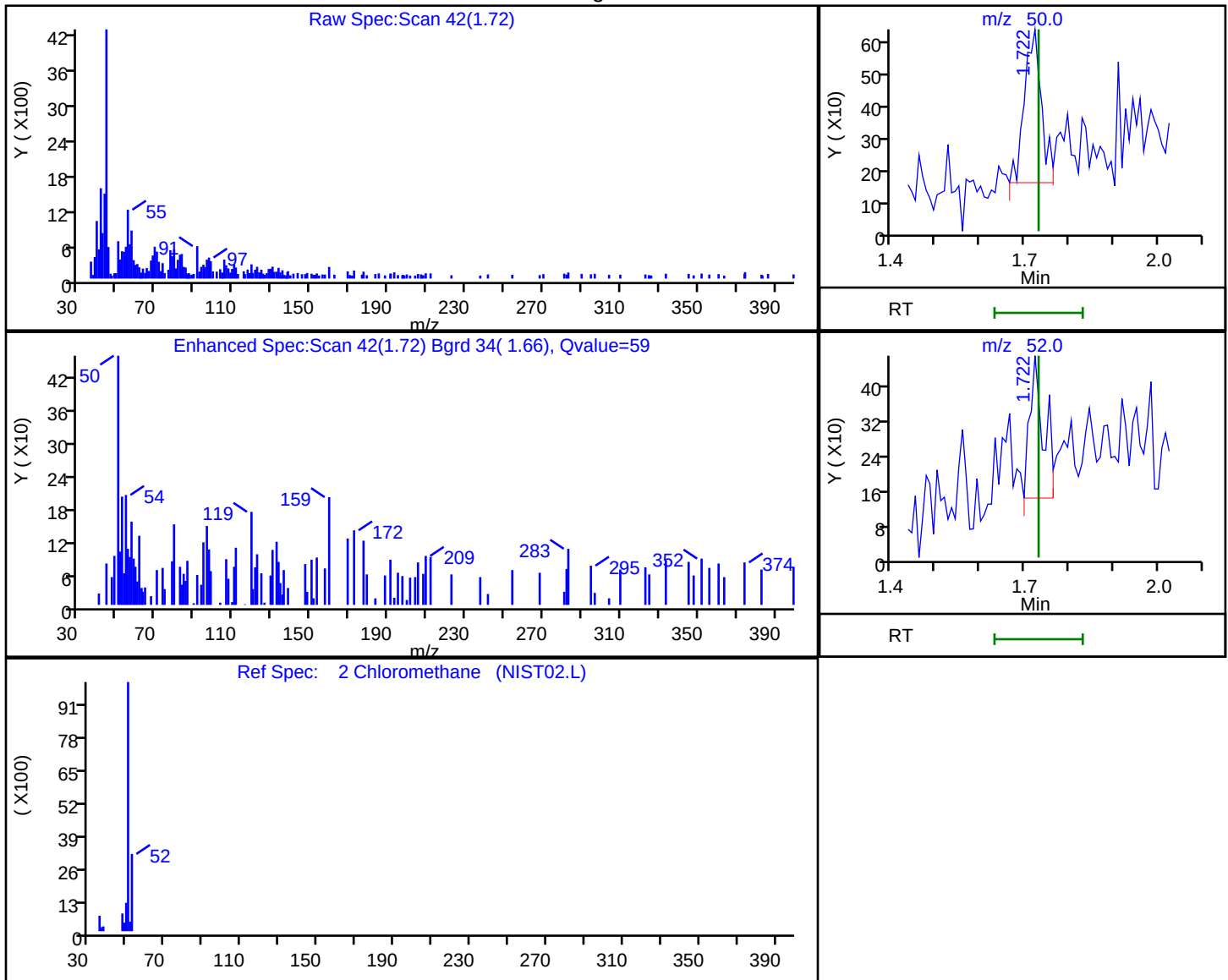
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.72	50.00	1288	0.311689
1.72	52.00	716	

Reviewer: baronm, 09-Dec-2020 17:50:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

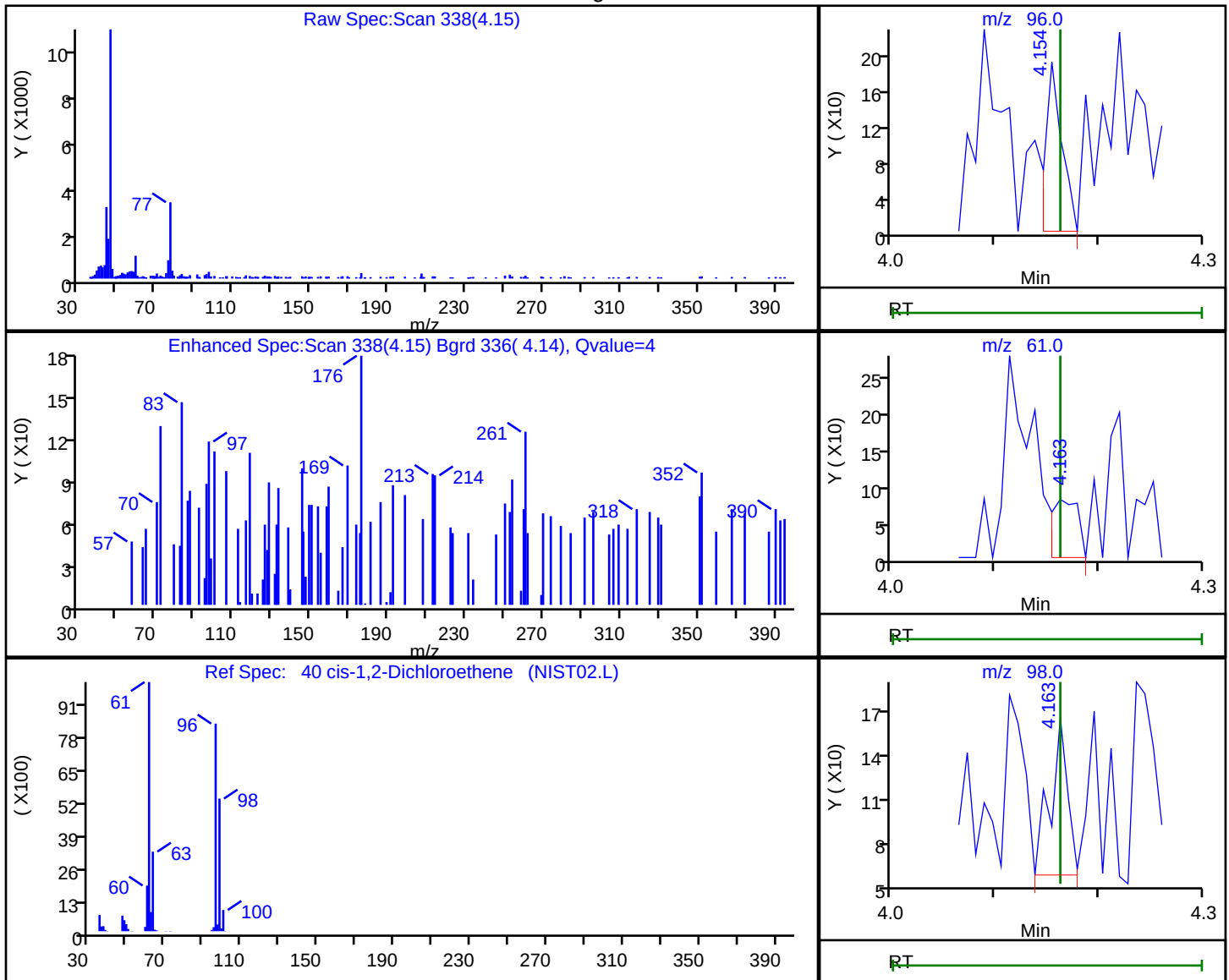
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.15	96.00	204	0.078865
4.16	61.00	140	
4.16	98.00	124	

Reviewer: baronm, 09-Dec-2020 17:52:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

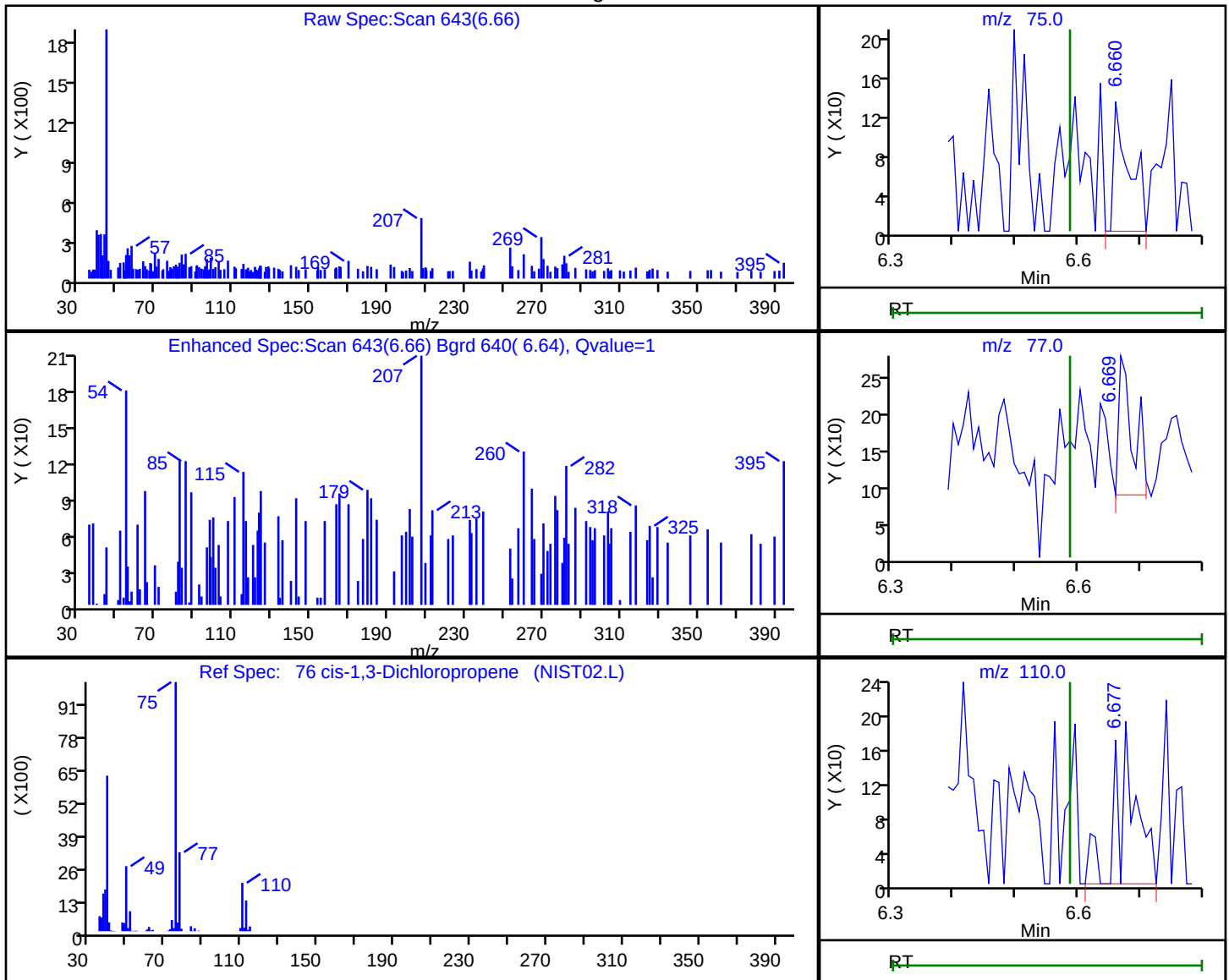
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.66	75.00	237	0.070005
6.67	77.00	300	
6.68	110.00	417	

Reviewer: baronm, 09-Dec-2020 17:53:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

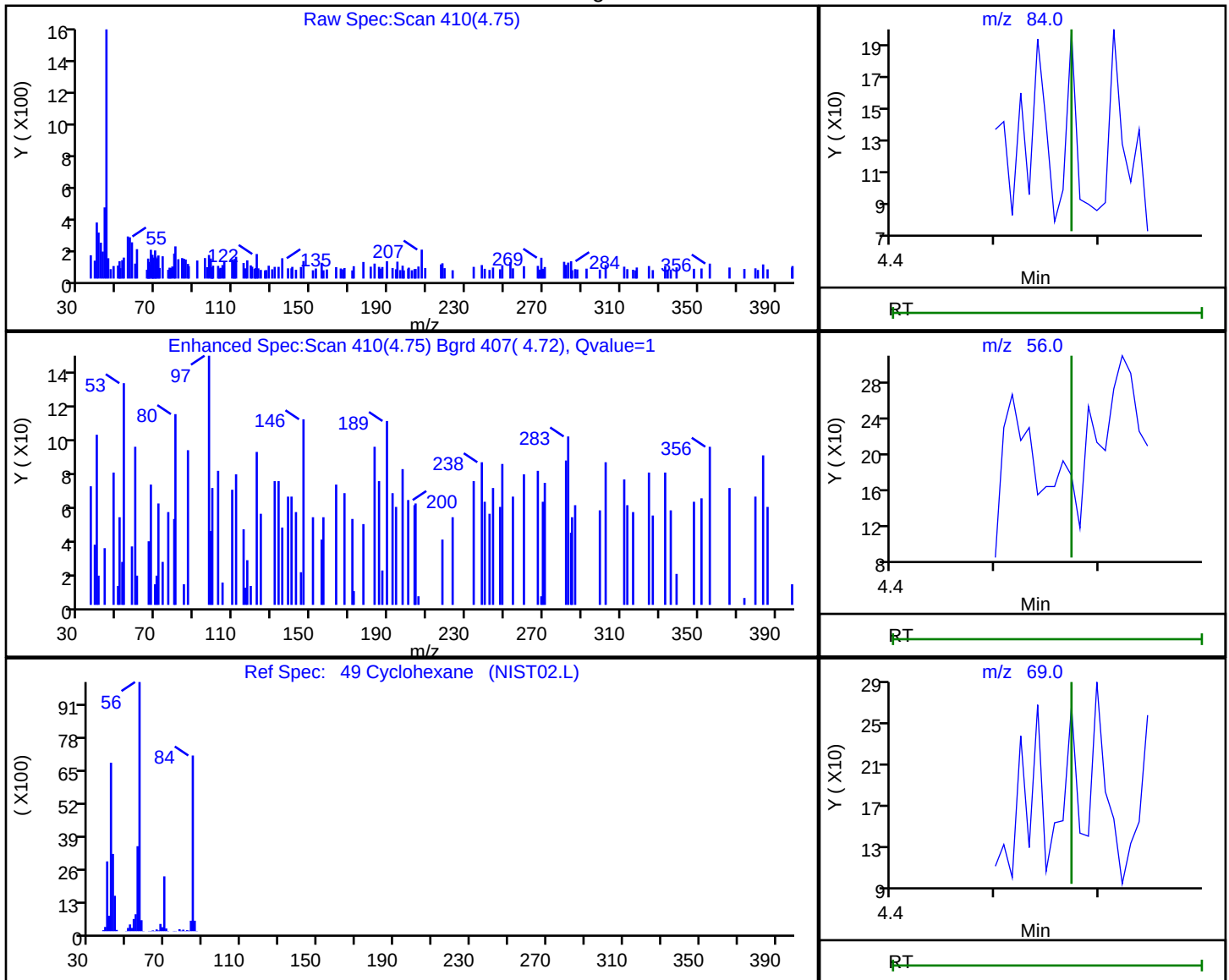
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.75	84.00	159	0.038799
4.75	56.00	205	
4.74	69.00	344	

Reviewer: baronm, 09-Dec-2020 17:52:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

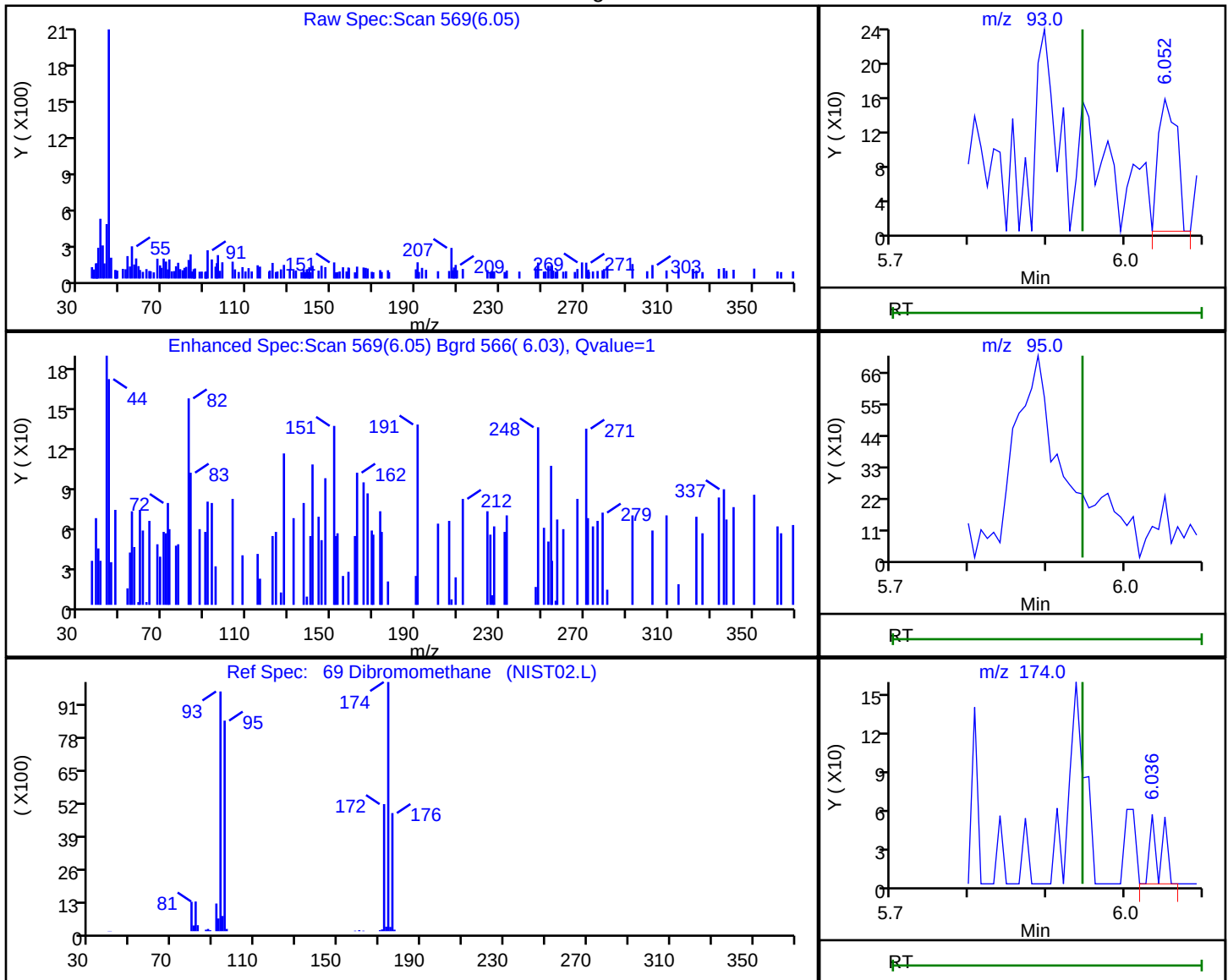
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

69 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
6.05	93.00	255	0.166278
6.05	95.00	486	
6.04	174.00	53	

Reviewer: baronm, 09-Dec-2020 17:53:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

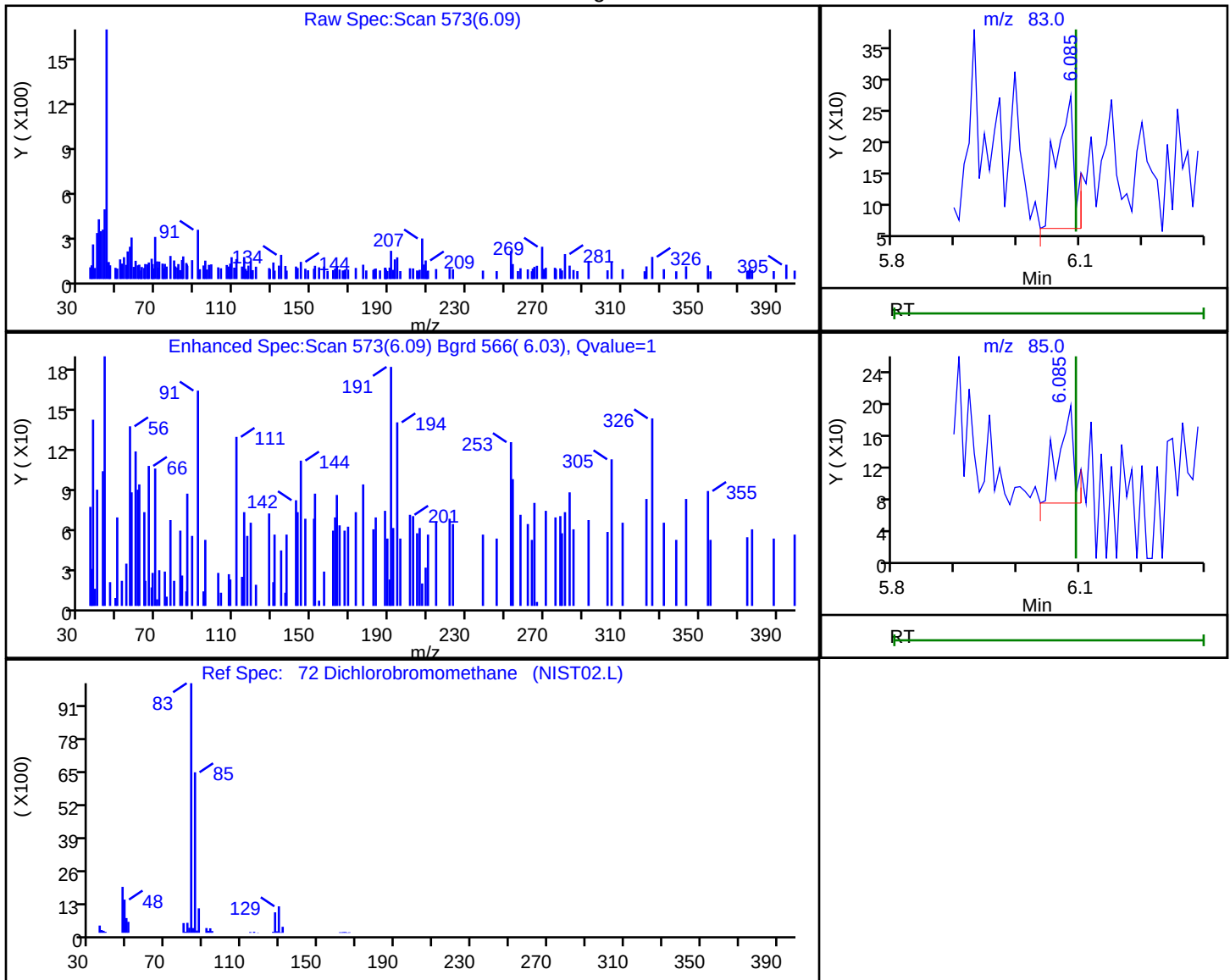
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.09	83.00	429	0.152193
6.09	85.00	224	

Reviewer: baronm, 09-Dec-2020 17:53:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

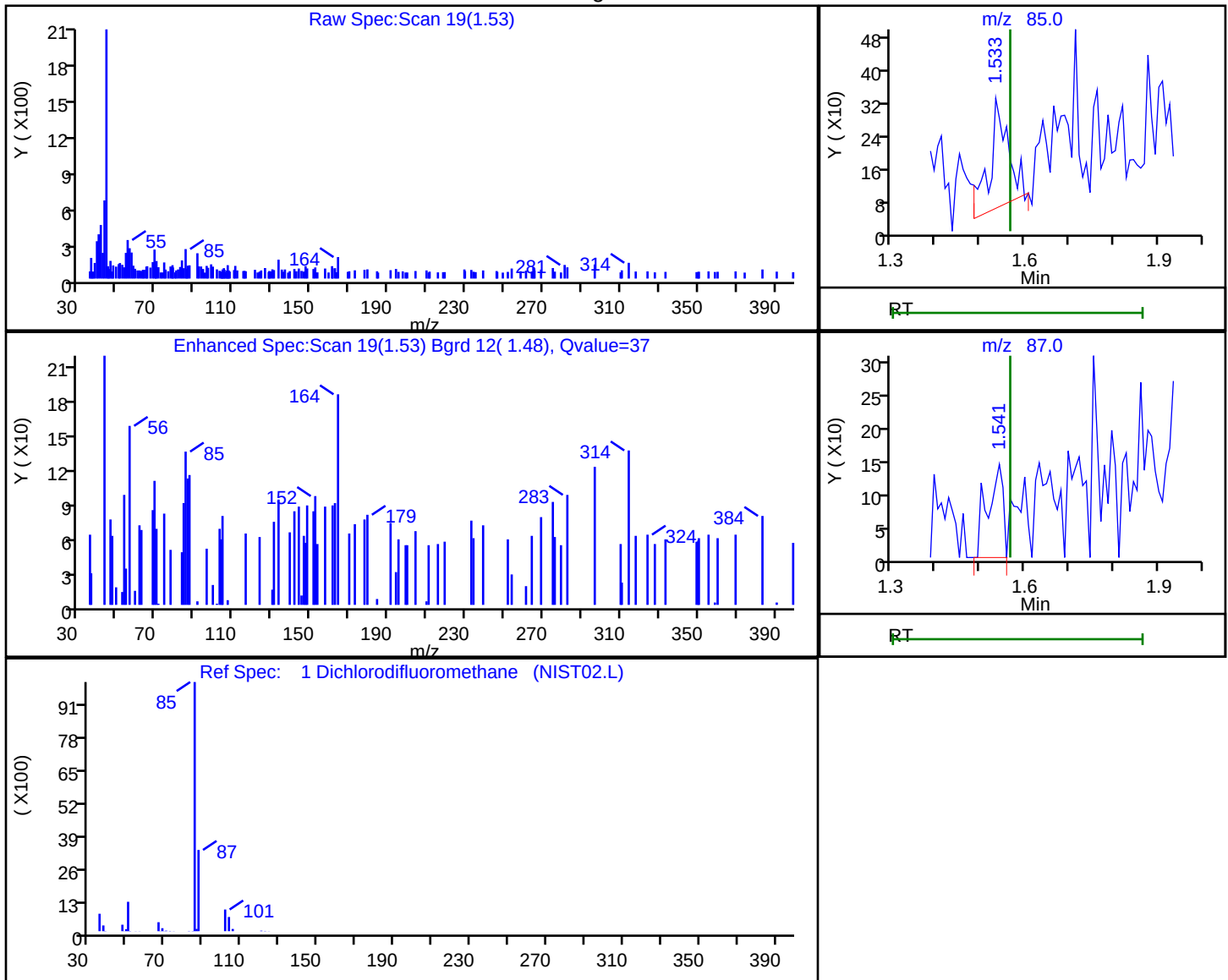
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.53	85.00	776	0.218786
1.54	87.00	335	

Reviewer: baronm, 09-Dec-2020 17:50:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

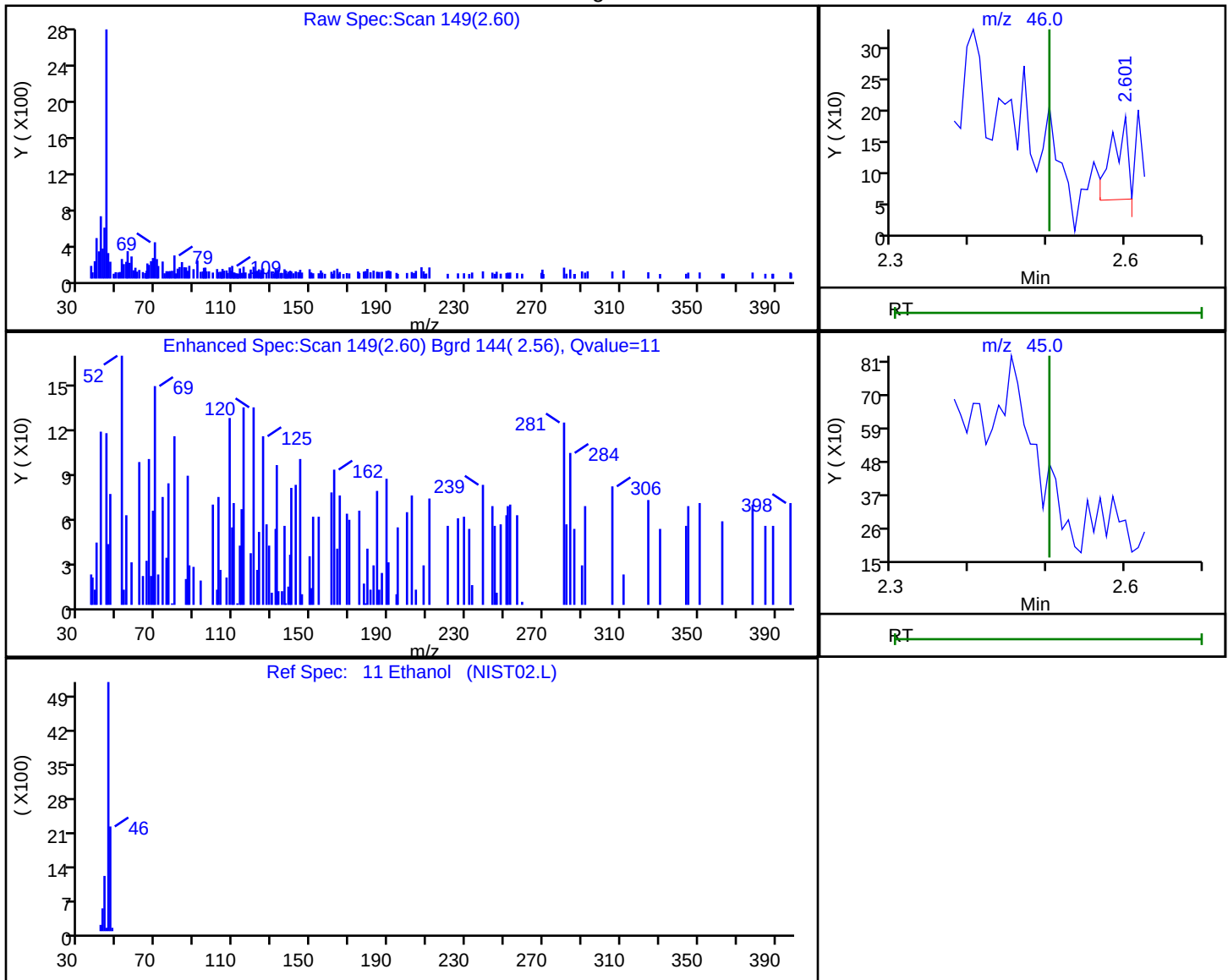
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.60	46.00	191	12.454981
2.58	45.00	864	

Reviewer: baronm, 09-Dec-2020 17:51:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

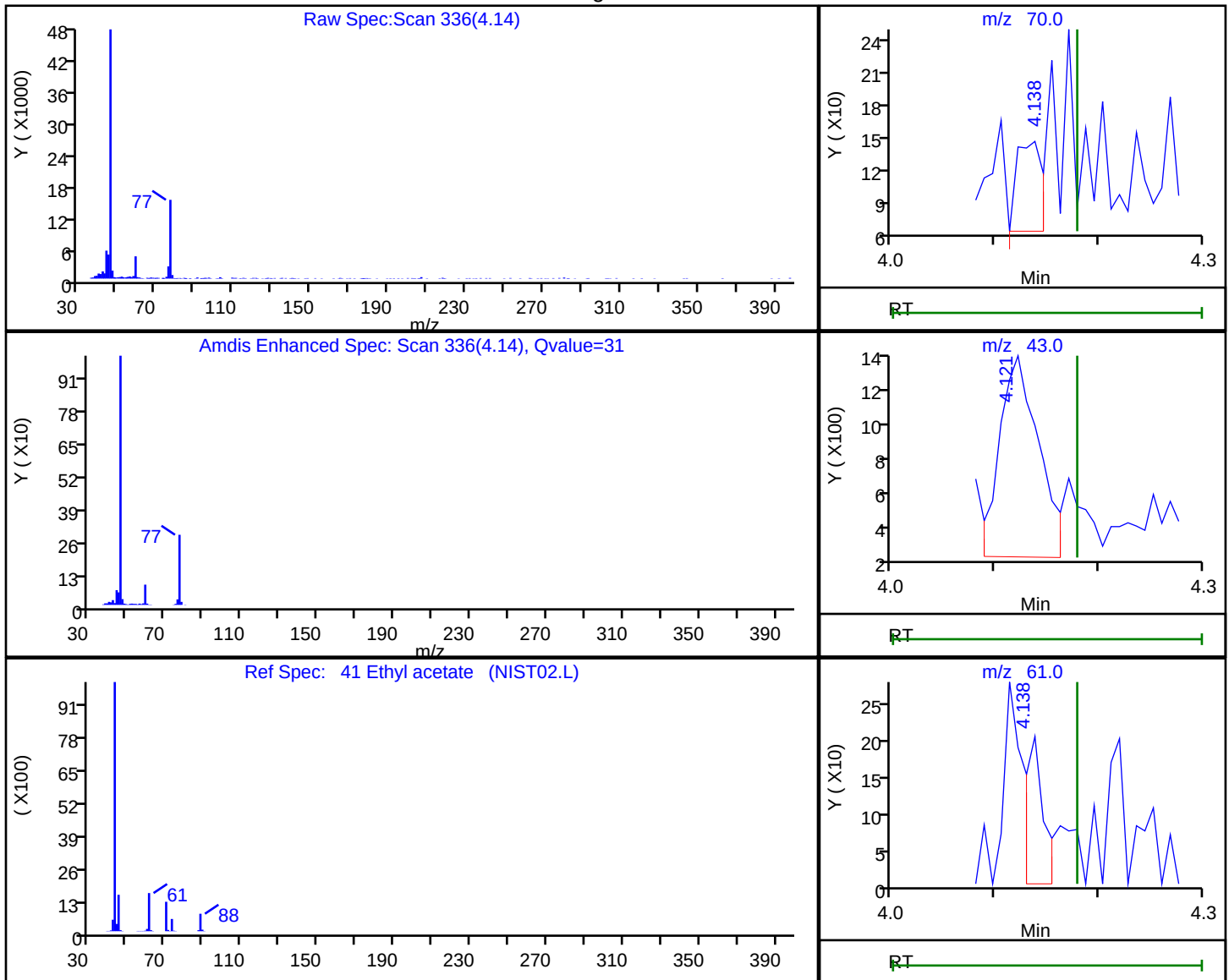
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

41 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.14	70.00	140	0.590232
4.12	43.00	2941	
4.14	61.00	242	

Reviewer: baronm, 09-Dec-2020 17:52:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

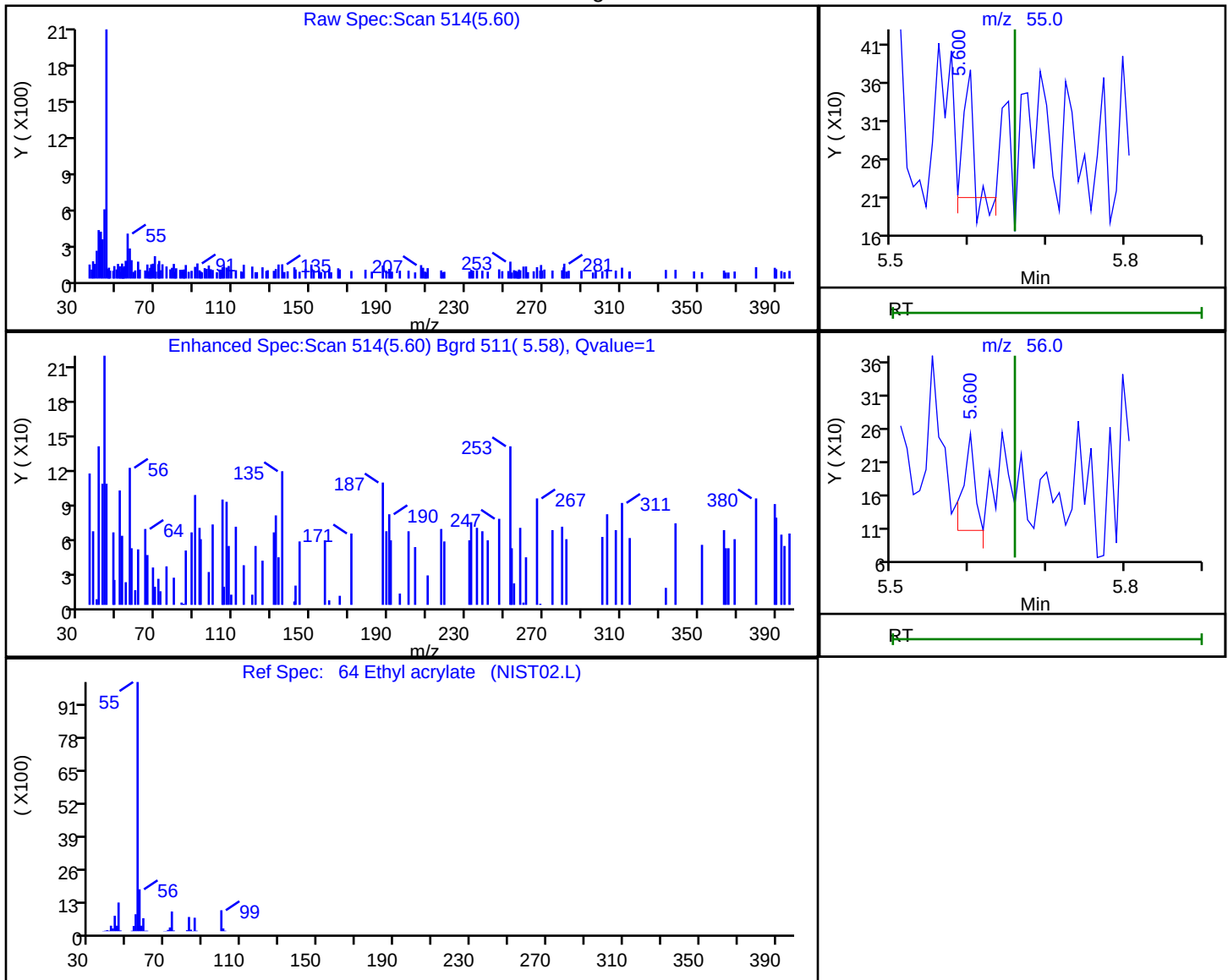
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

64 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.60	55.00	119	0.021677
5.60	56.00	147	

Reviewer: baronm, 09-Dec-2020 17:53:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

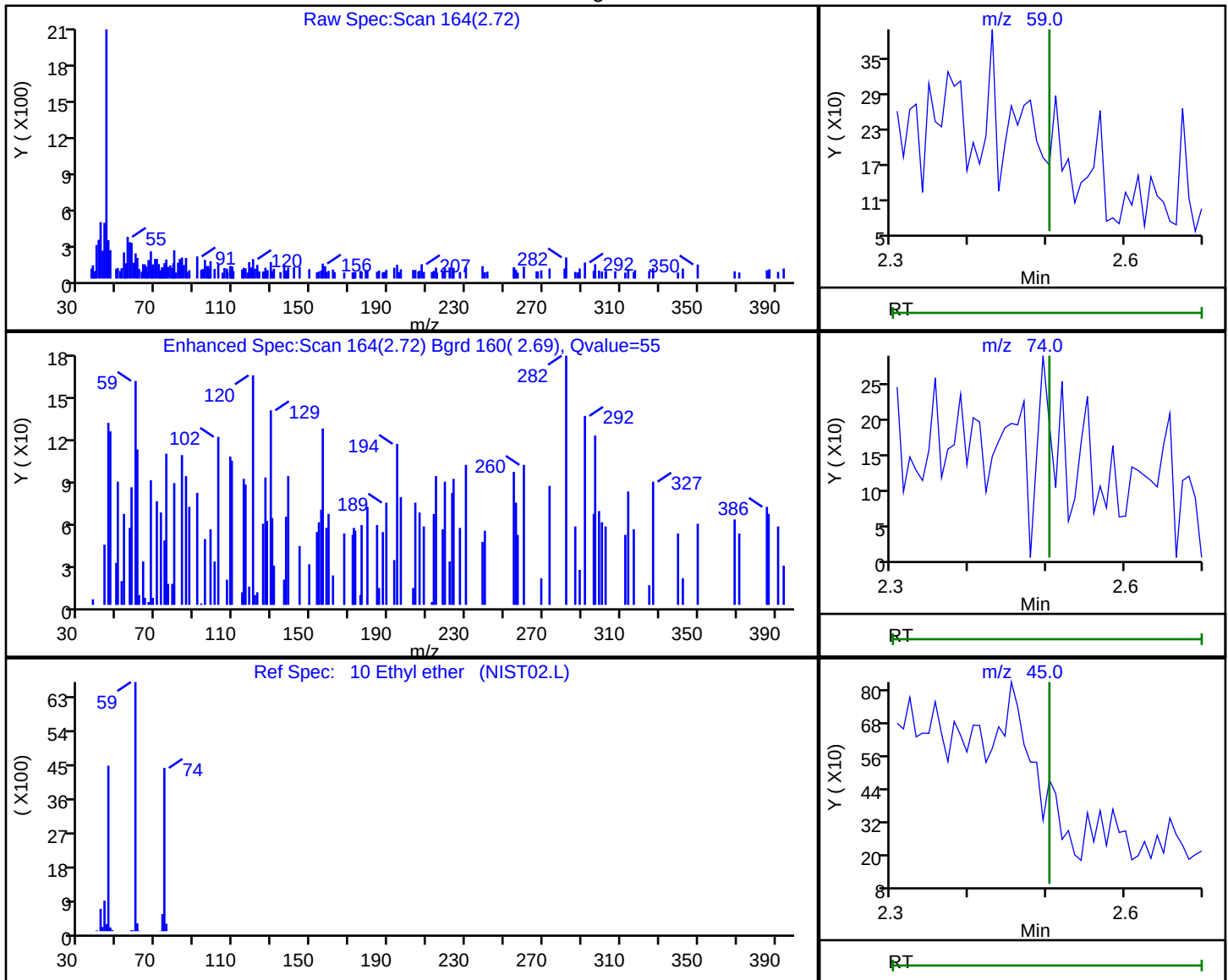
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.72	59.00	552	0.295014
2.72	74.00	313	
2.72	45.00	531	

Reviewer: baronm, 09-Dec-2020 17:51:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

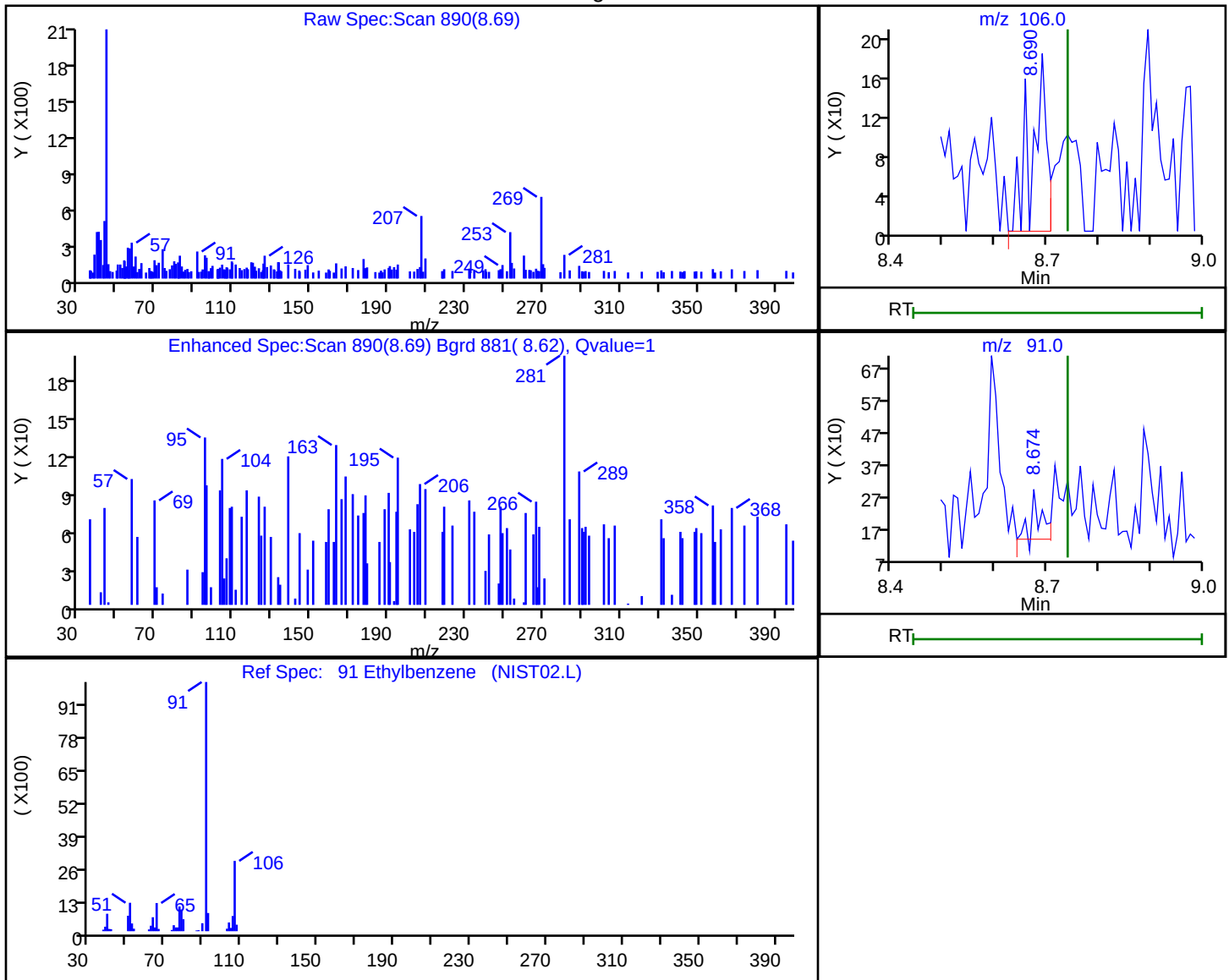
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.69	106.00	373	0.111020
8.67	91.00	206	

Reviewer: baronm, 09-Dec-2020 17:54:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

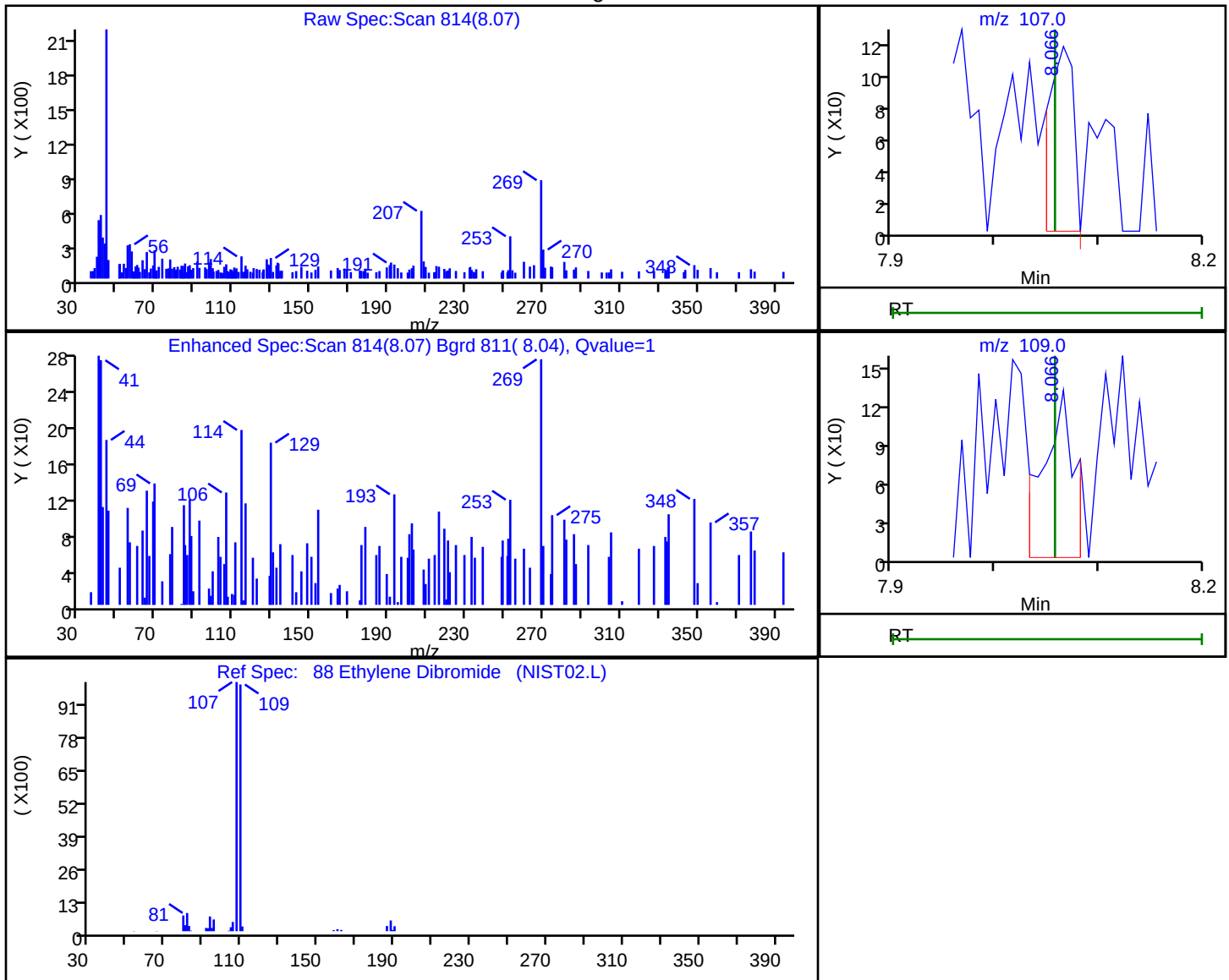
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
8.07	107.00	199	0.096137
8.07	109.00	278	

Reviewer: baronm, 09-Dec-2020 17:54:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

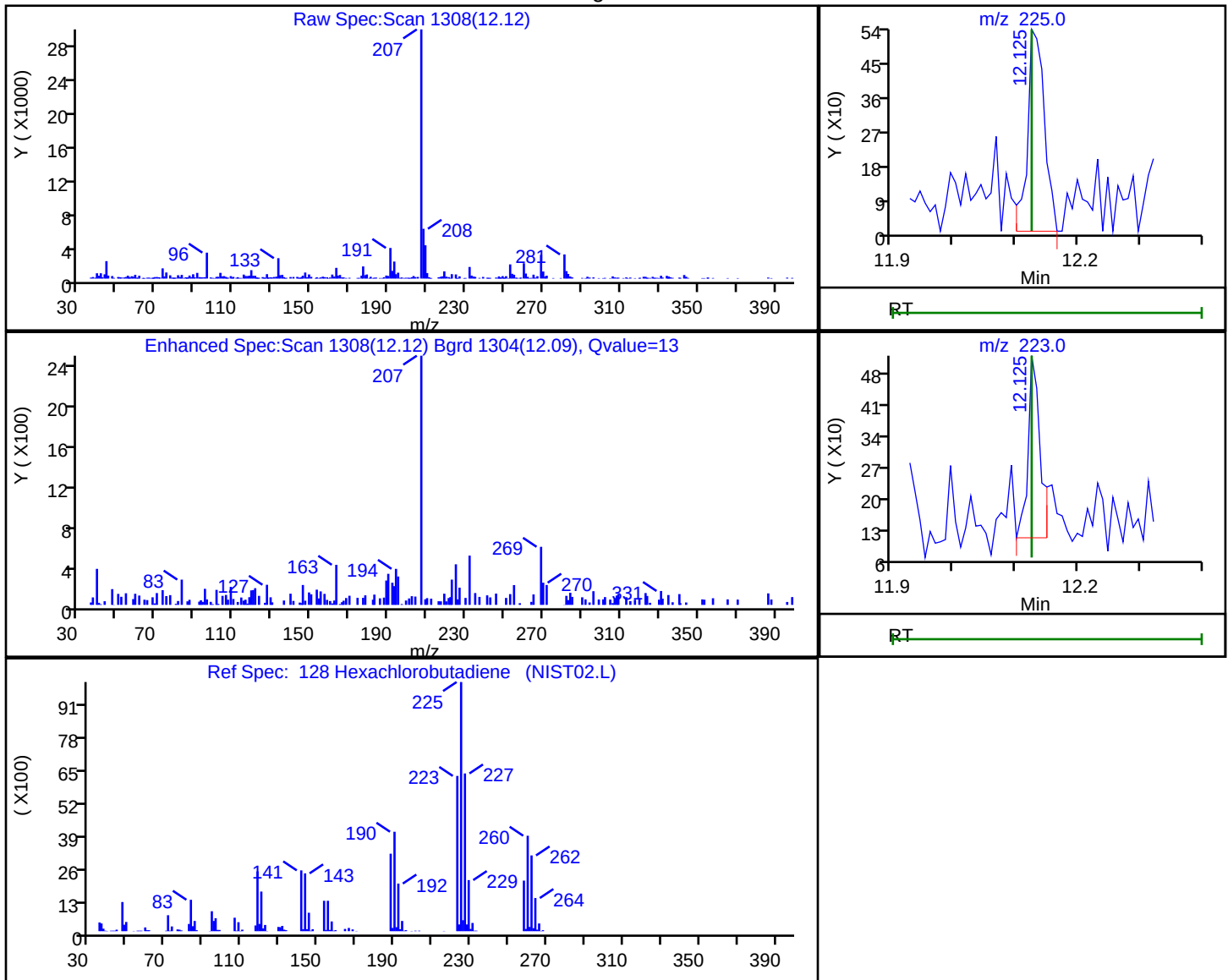
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

128 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.12	225.00	1022	0.437362
12.12	223.00	552	

Reviewer: baronm, 09-Dec-2020 17:55:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

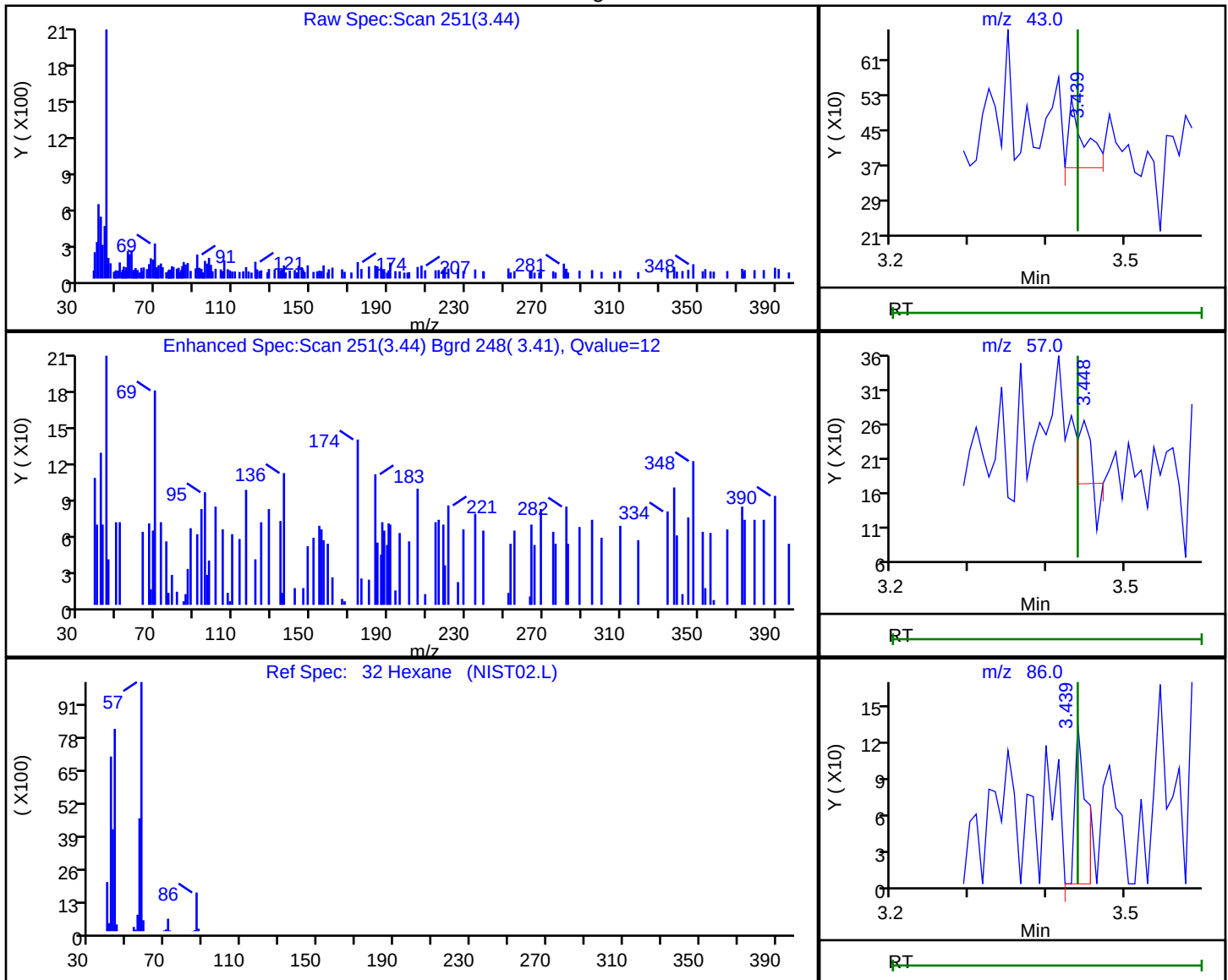
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
3.44	43.00	219	0.125609
3.45	57.00	75	
3.44	86.00	129	
3.43	56.00	403	

Reviewer: baronm, 09-Dec-2020 17:52:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

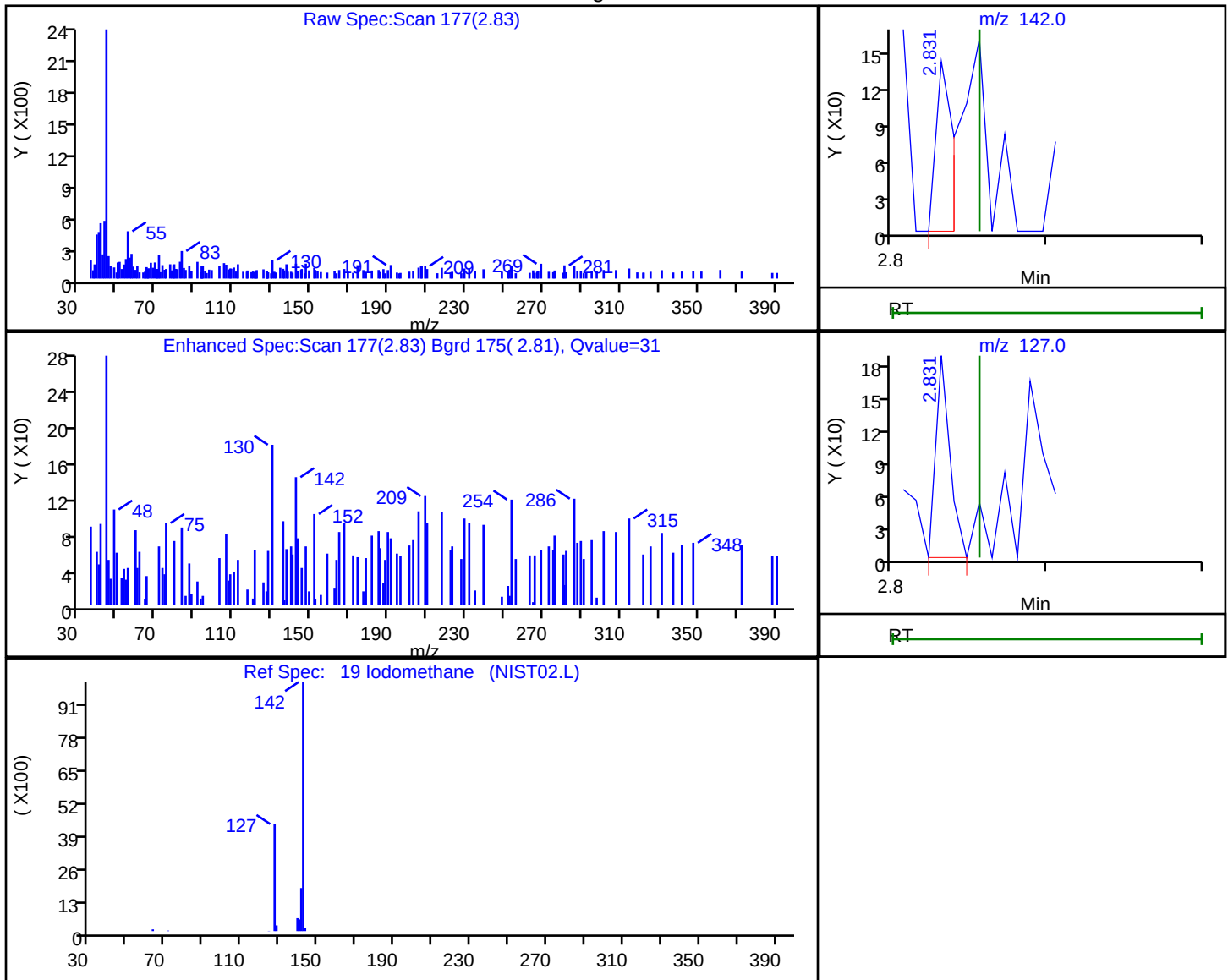
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.83	142.00	109	0.023873
2.83	127.00	120	

Reviewer: baronm, 09-Dec-2020 17:51:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

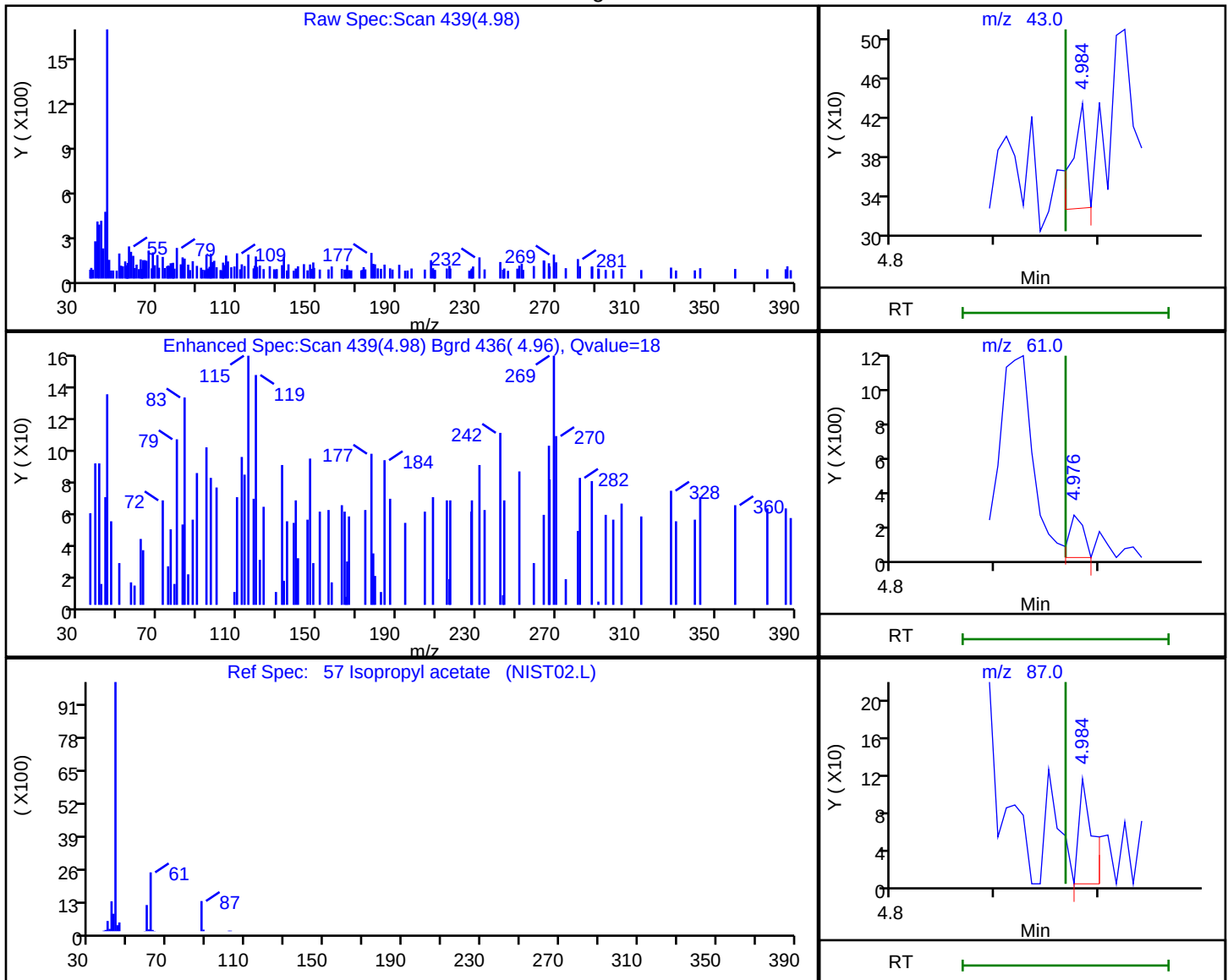
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.98	43.00	97	0.016710
4.98	61.00	244	
4.98	87.00	105	

Reviewer: baronm, 09-Dec-2020 17:53:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

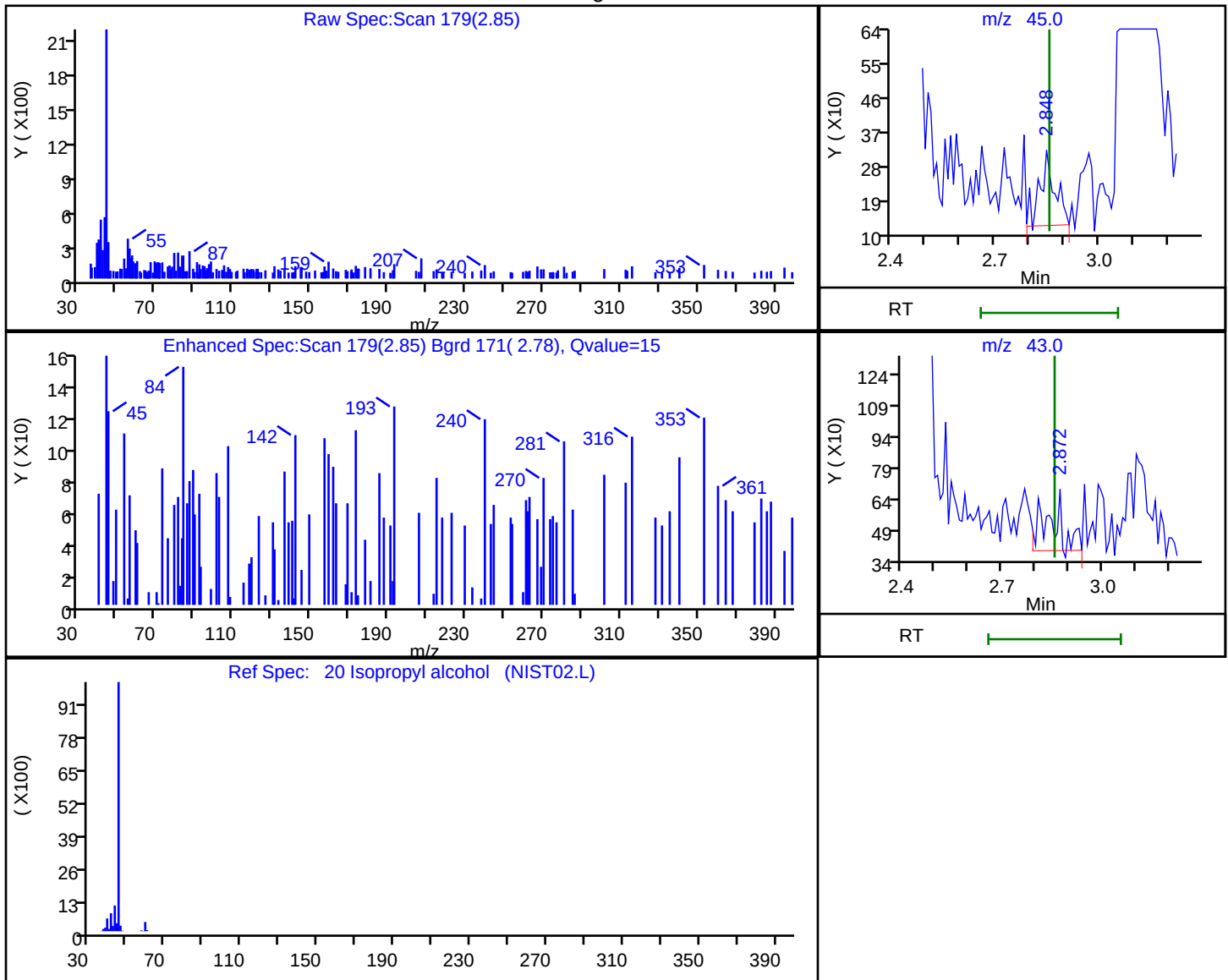
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.85	45.00	596	3.988082
2.87	43.00	939	

Reviewer: baronm, 09-Dec-2020 17:51:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

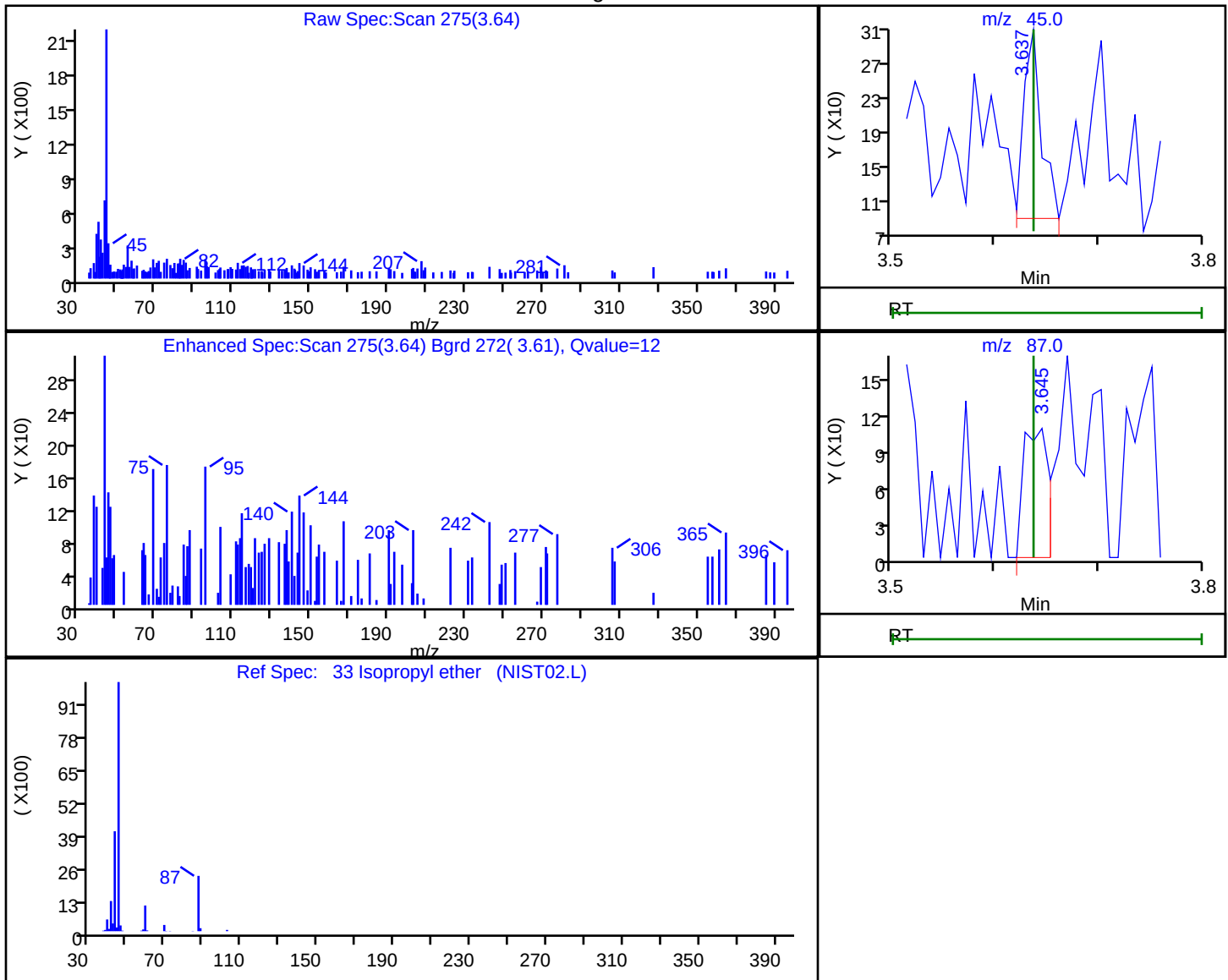
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

33 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.64	45.00	261	0.043054
3.64	87.00	176	

Reviewer: baronm, 09-Dec-2020 17:52:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

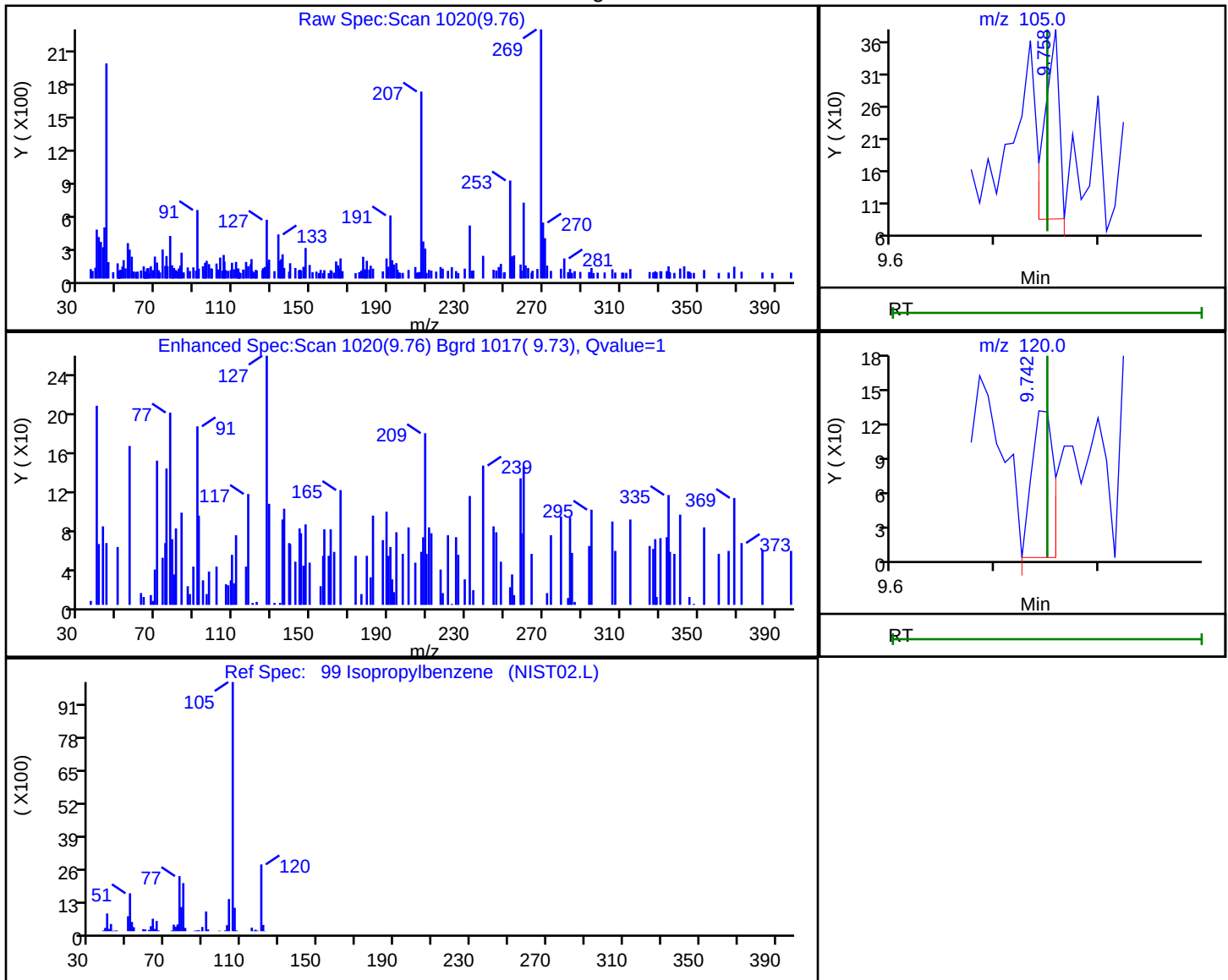
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.76	105.00	277	0.024671
9.74	120.00	189	

Reviewer: baronm, 09-Dec-2020 17:54:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

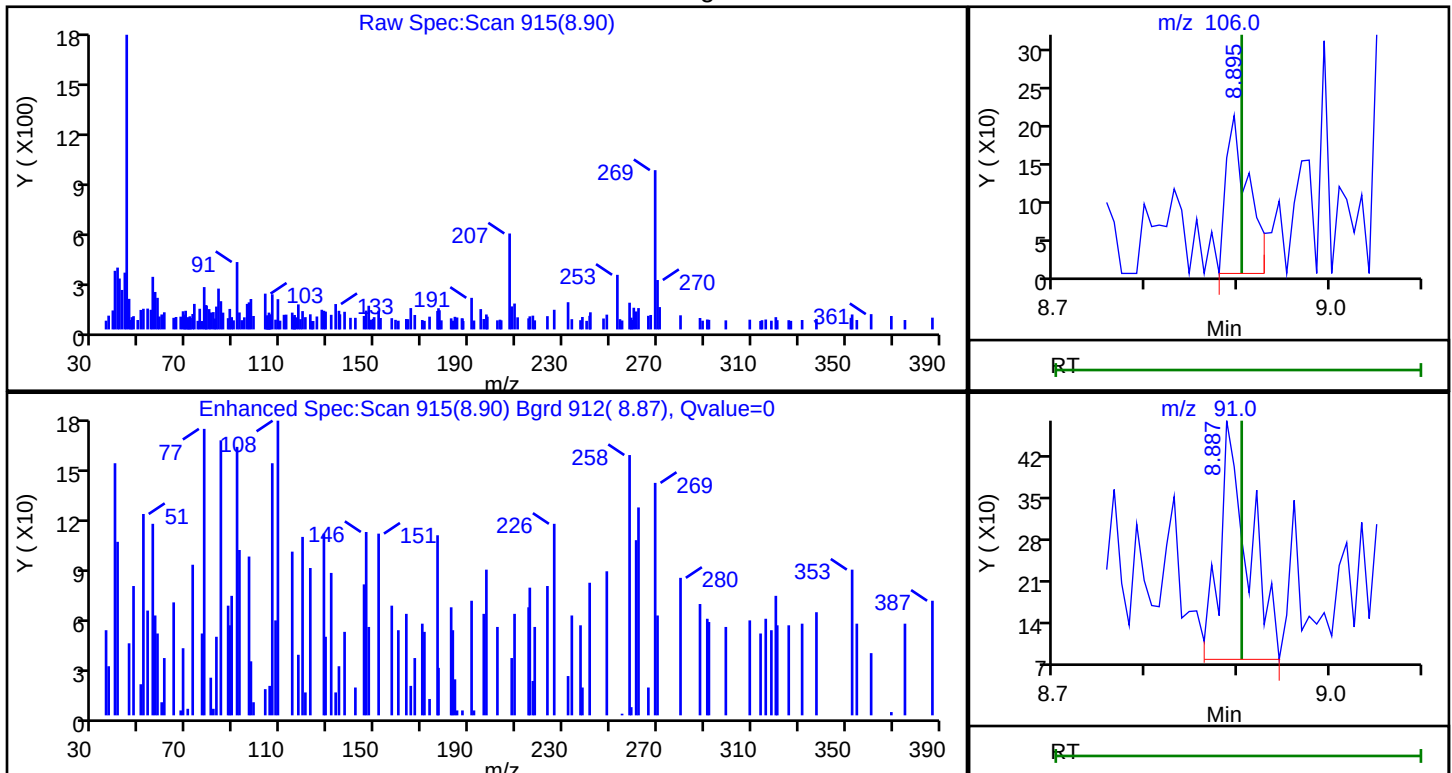
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.90	106.00	358	0.088500
8.89	91.00	869	

Reviewer: baronm, 09-Dec-2020 17:54:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

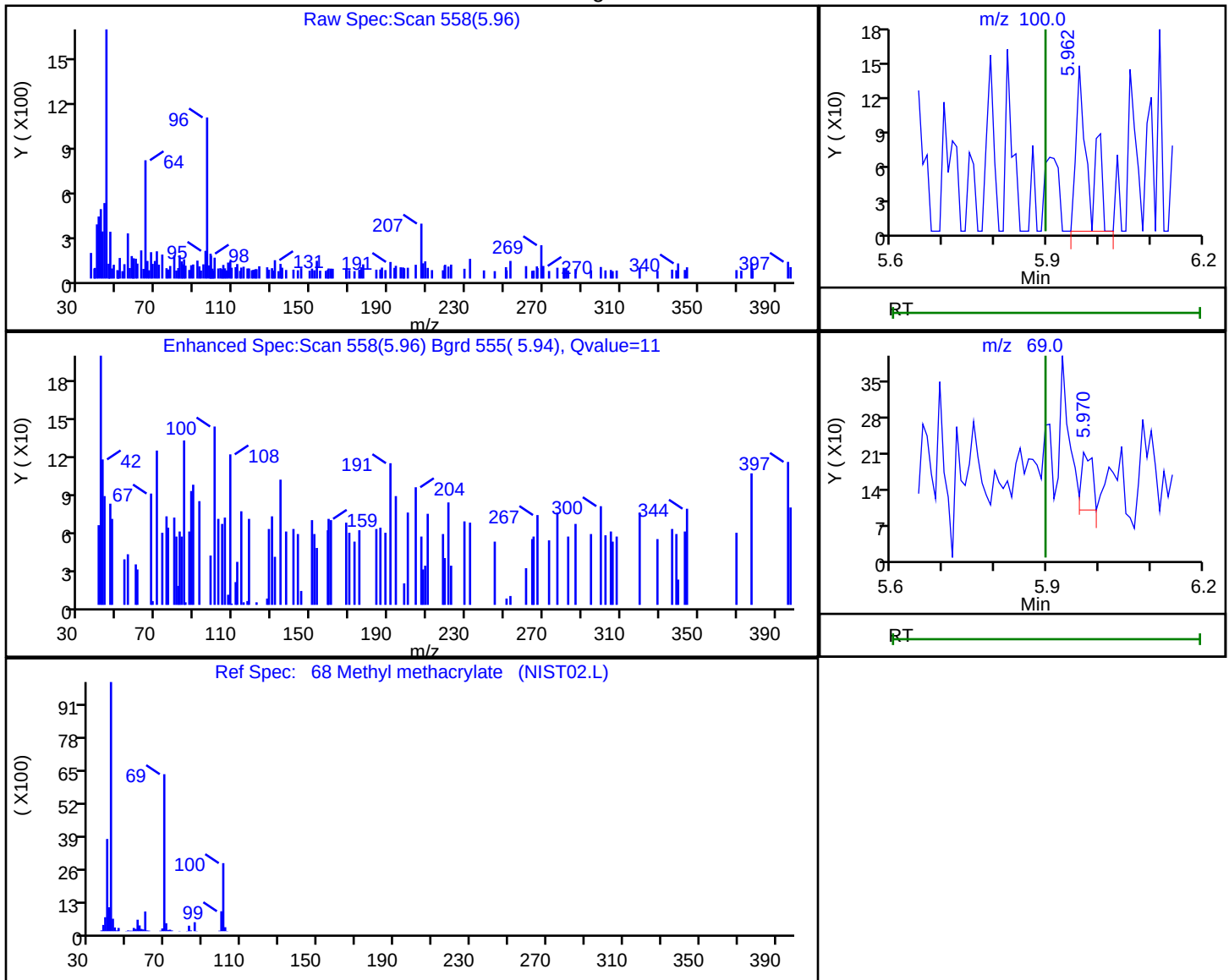
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

68 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.96	100.00	246	0.361747
5.97	69.00	166	

Reviewer: baronm, 09-Dec-2020 17:53:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

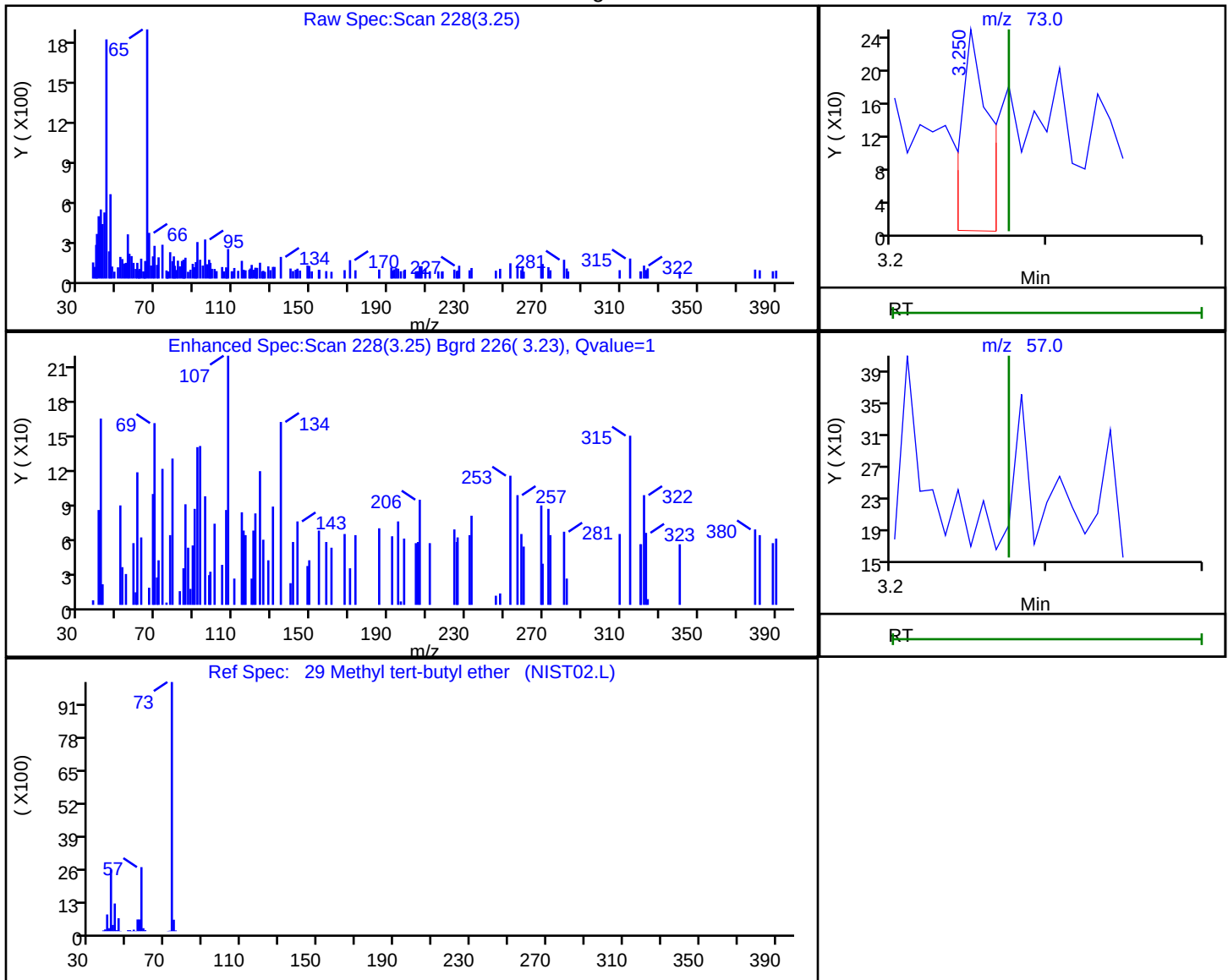
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.25	73.00	312	0.044797
3.26	57.00	0	

Reviewer: baronm, 09-Dec-2020 17:52:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

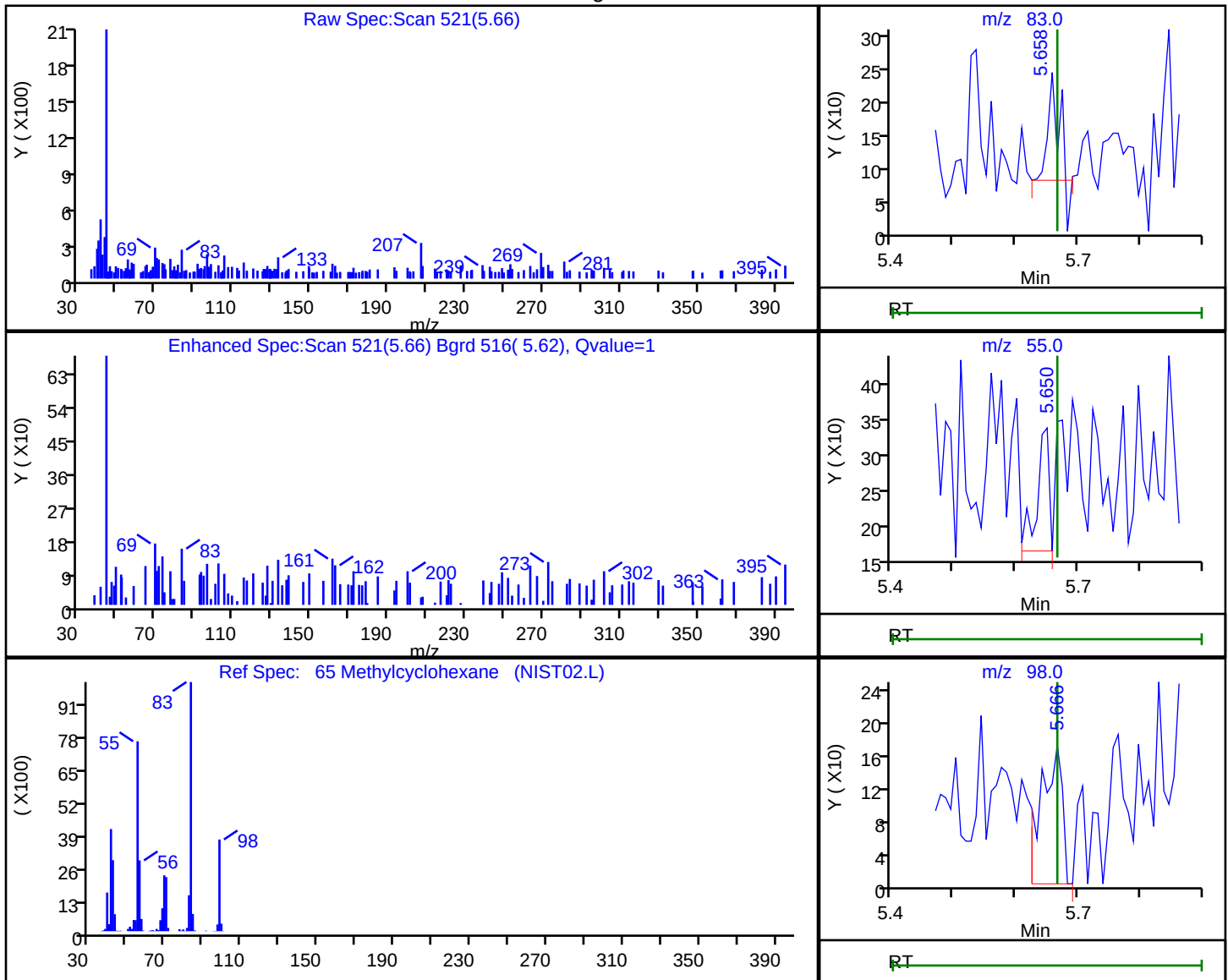
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.66	83.00	172	0.038792
5.65	55.00	230	
5.67	98.00	398	

Reviewer: baronm, 09-Dec-2020 17:53:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

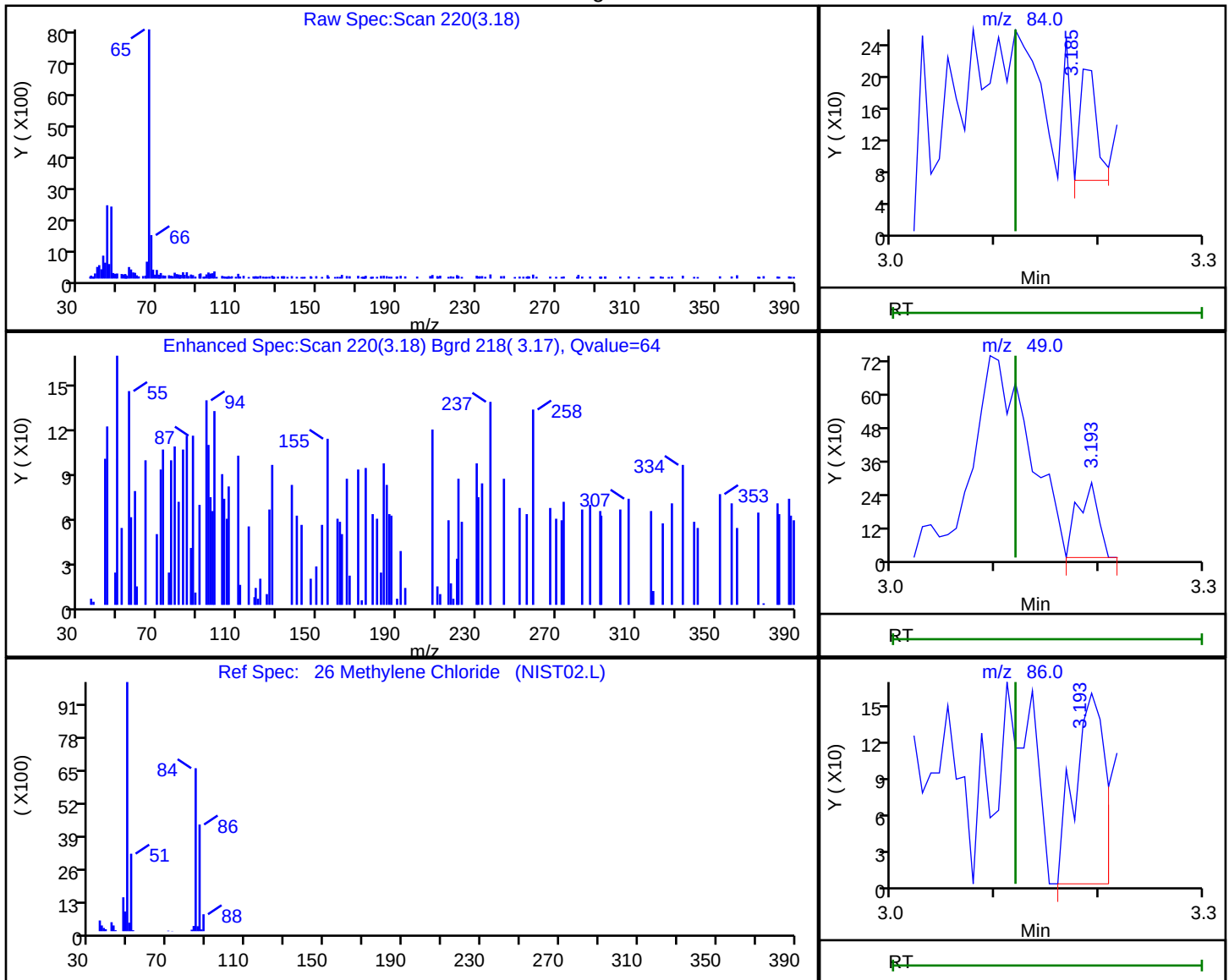
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.18	84.00	159	0.058185
3.19	49.00	374	
3.19	86.00	313	

Reviewer: baronm, 09-Dec-2020 17:52:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

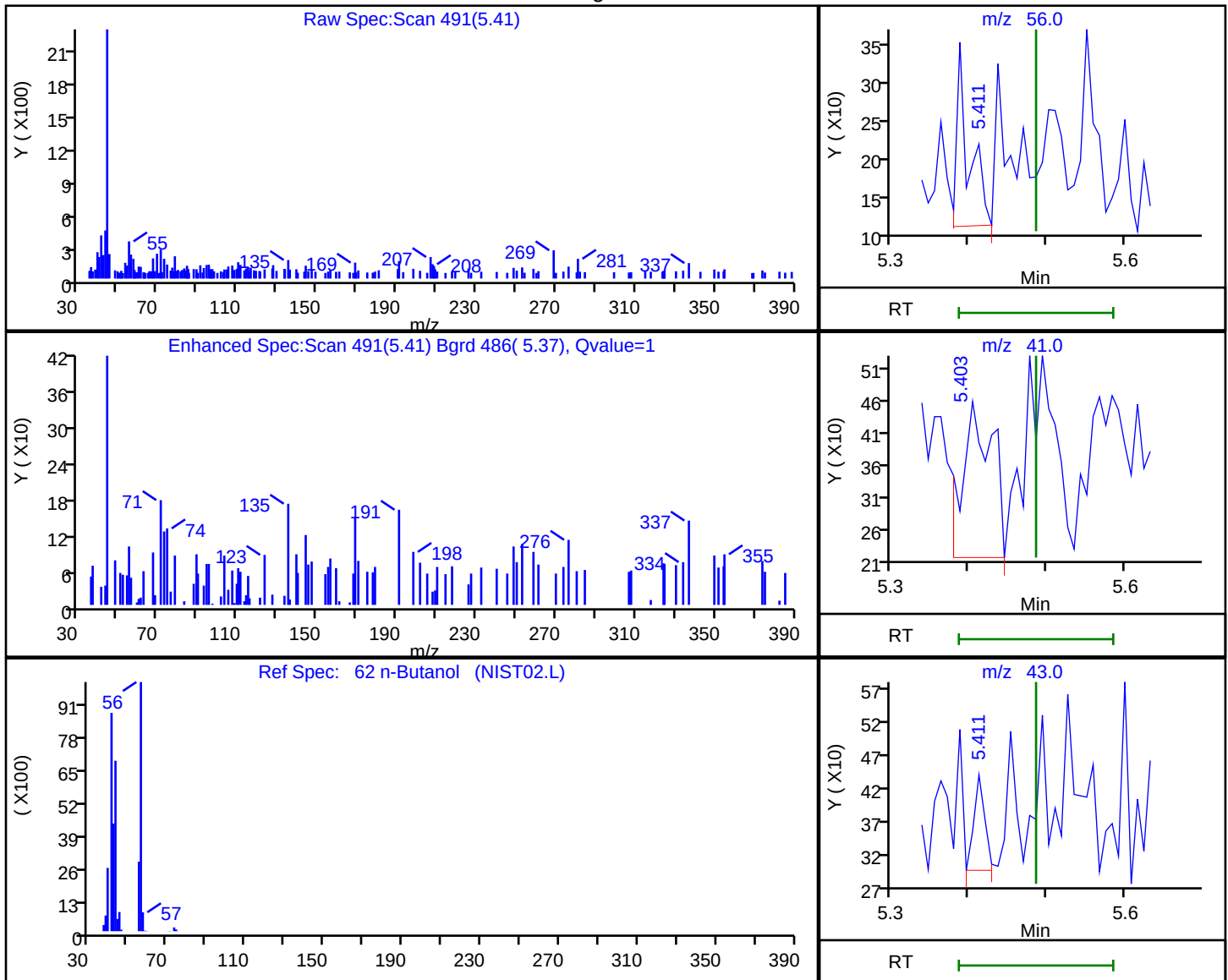
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

62 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.41	56.00	260	3.780778
5.40	41.00	637	
5.41	43.00	138	

Reviewer: baronm, 09-Dec-2020 17:53:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

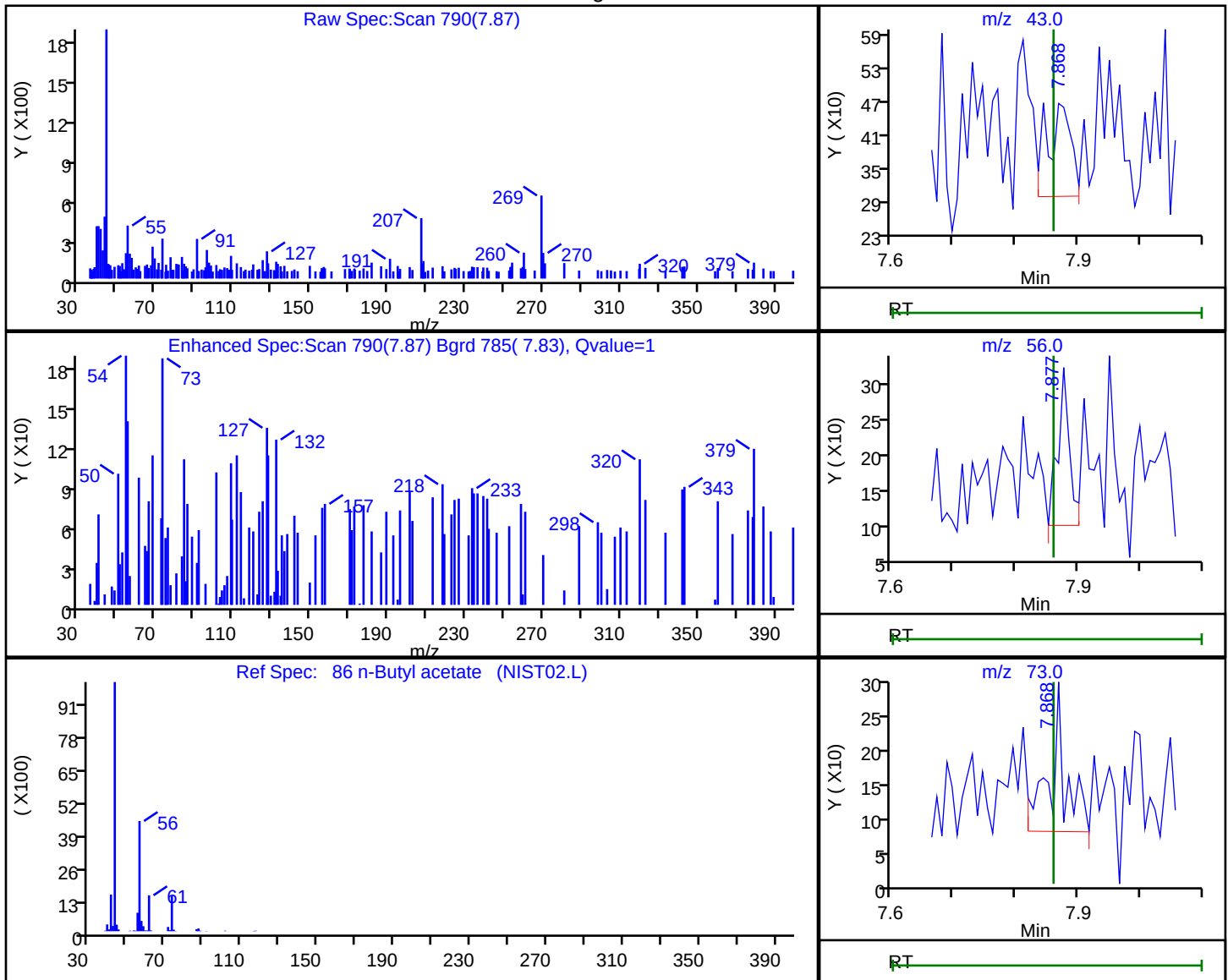
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.87	43.00	452	0.155432
7.88	56.00	298	
7.87	73.00	396	

Reviewer: baronm, 09-Dec-2020 17:54:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

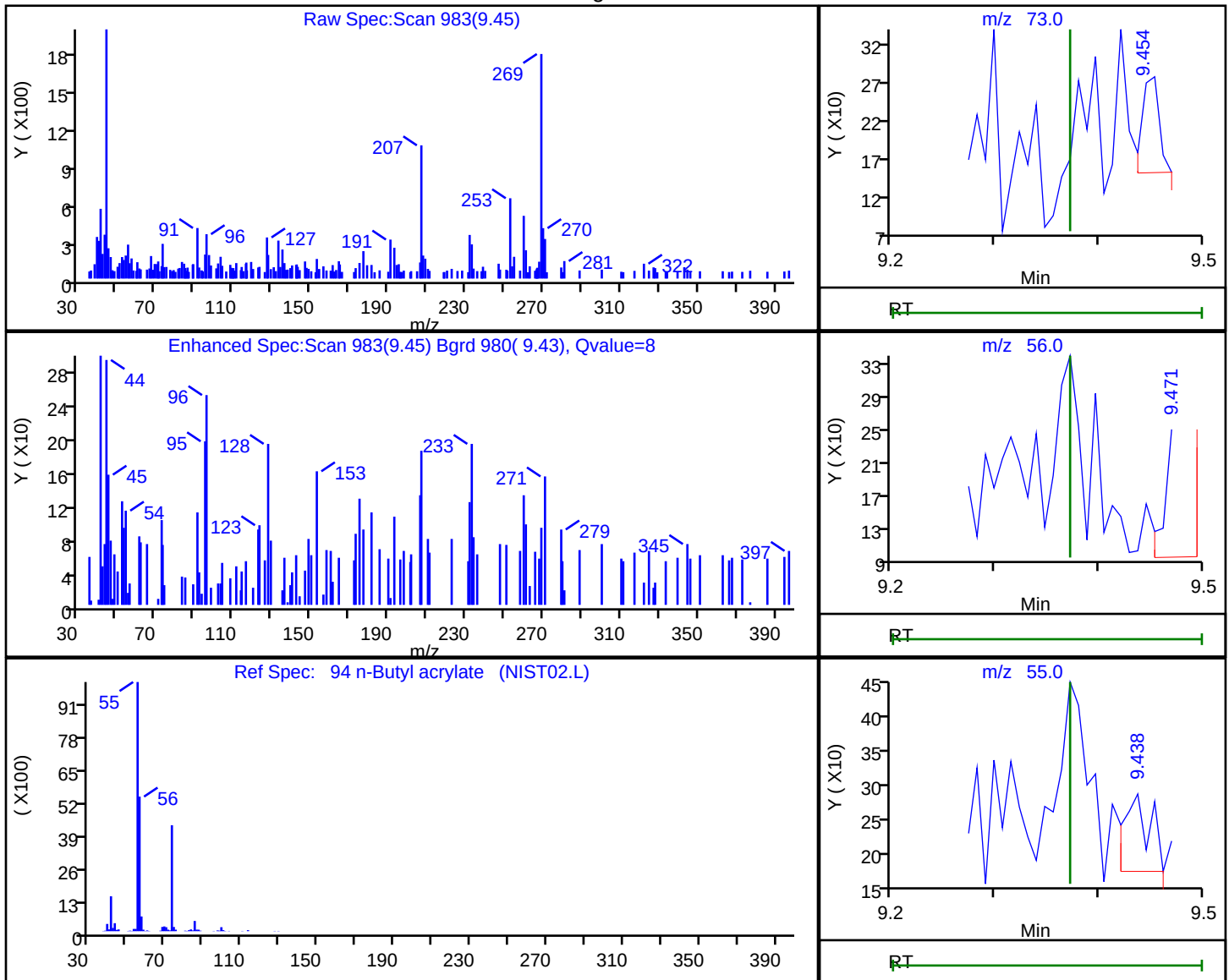
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

94 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.45	73.00	142	0.083947
9.47	56.00	125	
9.44	55.00	196	

Reviewer: baronm, 09-Dec-2020 17:54:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

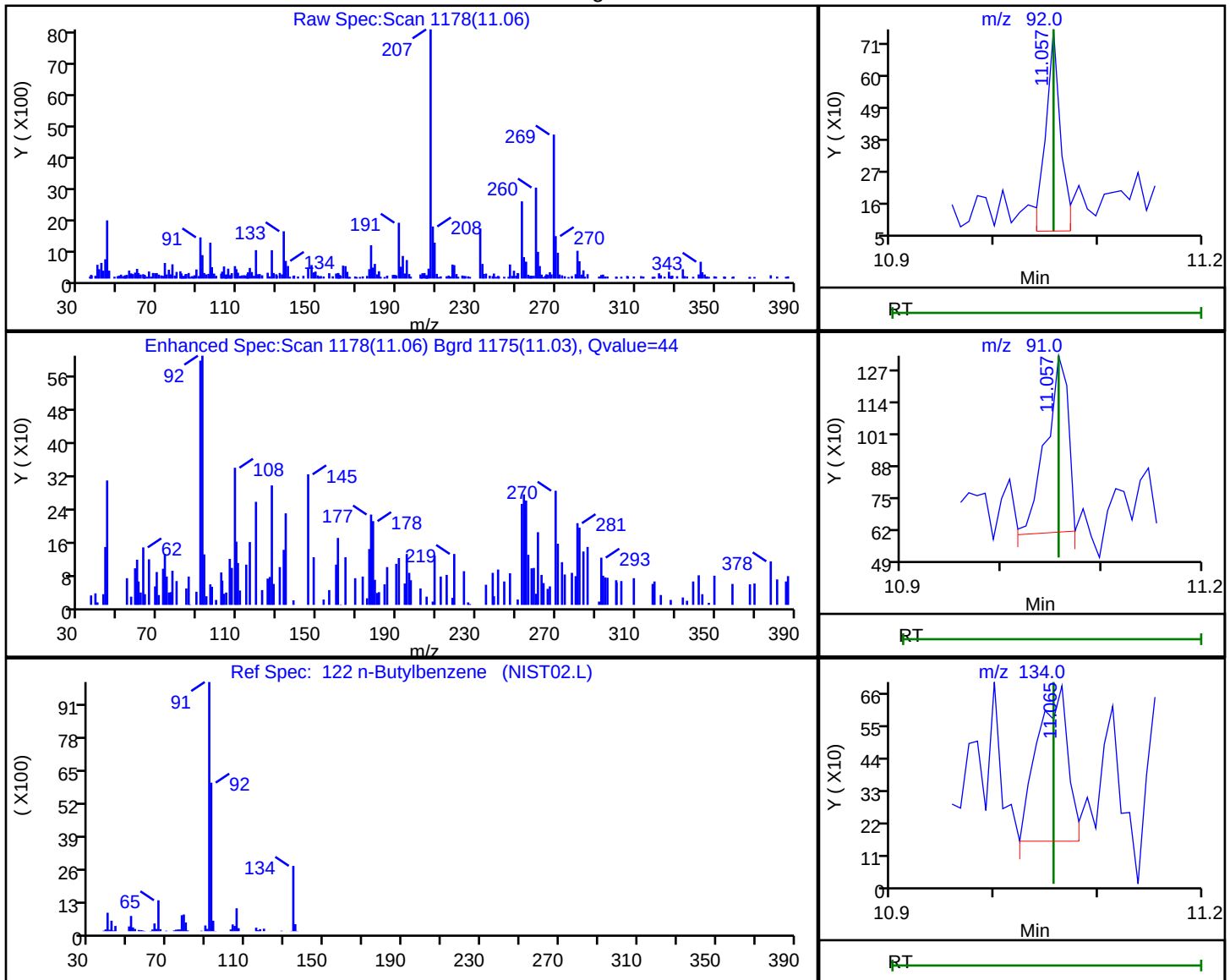
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.06	92.00	711	0.119208
11.06	91.00	1125	
11.06	134.00	1092	

Reviewer: baronm, 09-Dec-2020 17:55:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

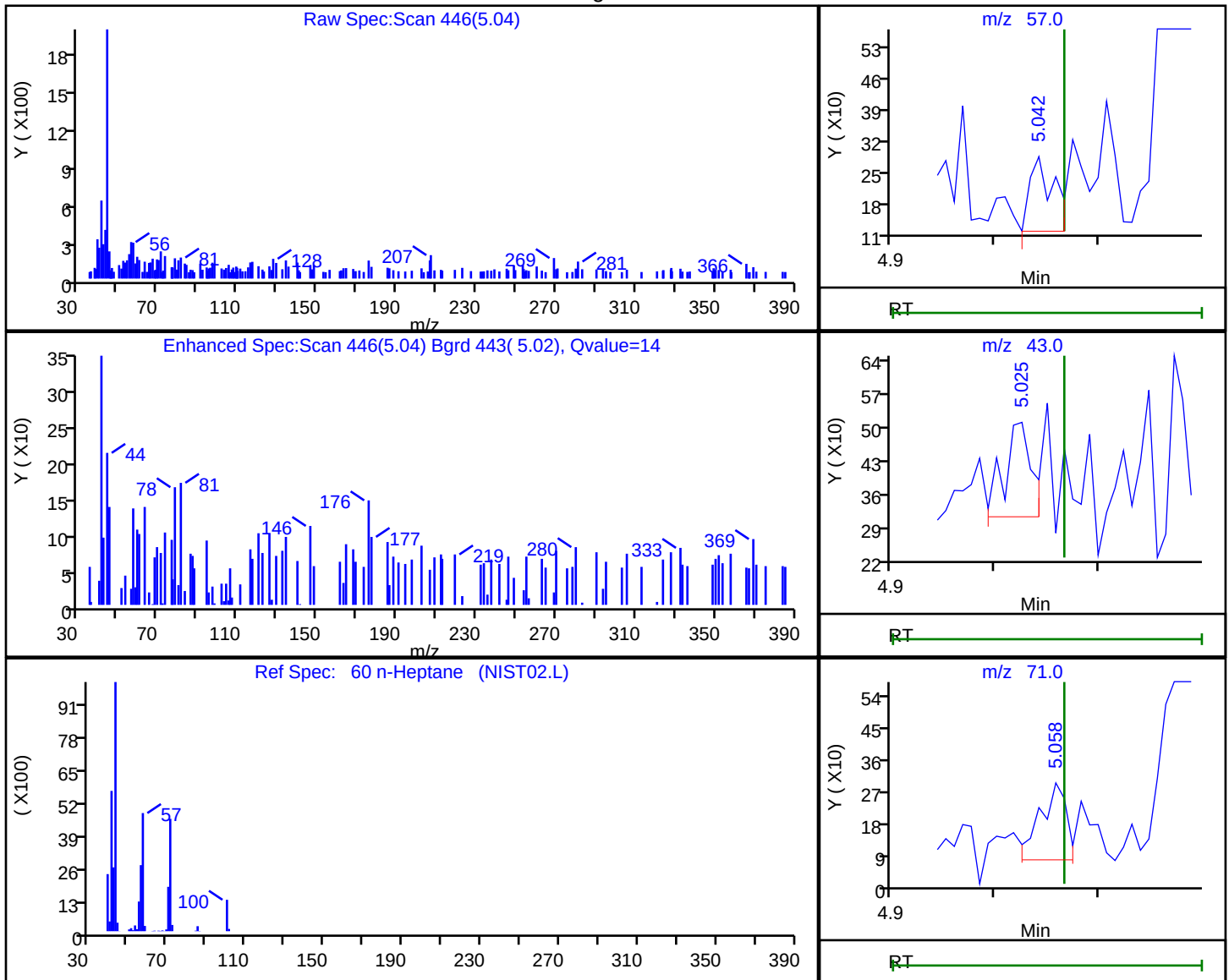
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.04	57.00	271	0.171756
5.03	43.00	364	
5.06	71.00	394	

Reviewer: baronm, 09-Dec-2020 17:53:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

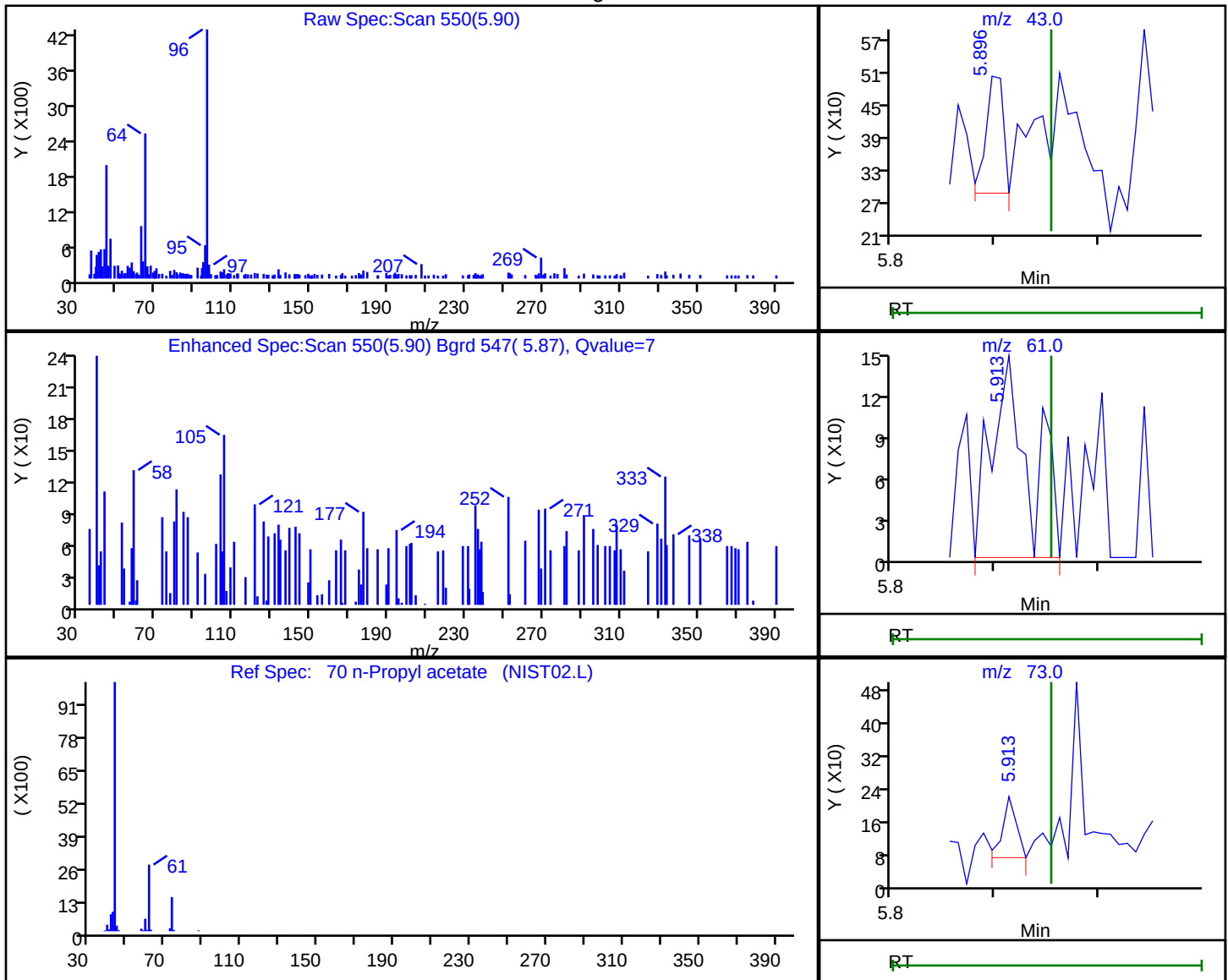
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.90	43.00	252	0.088992
5.91	61.00	379	
5.91	73.00	140	

Reviewer: baronm, 09-Dec-2020 17:53:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

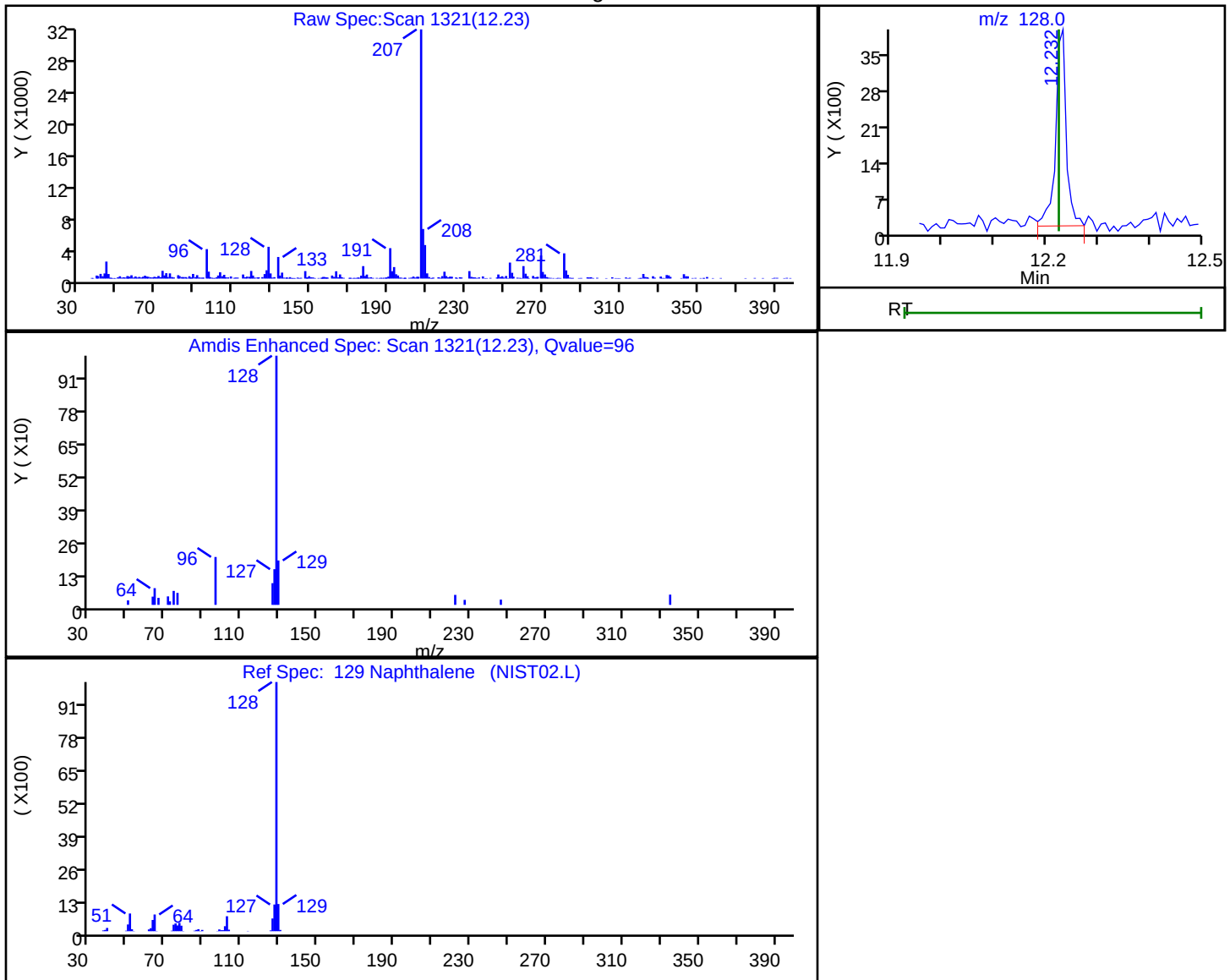
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

129 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.23	128.00	5648	0.405656

Reviewer: baronm, 09-Dec-2020 17:55:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

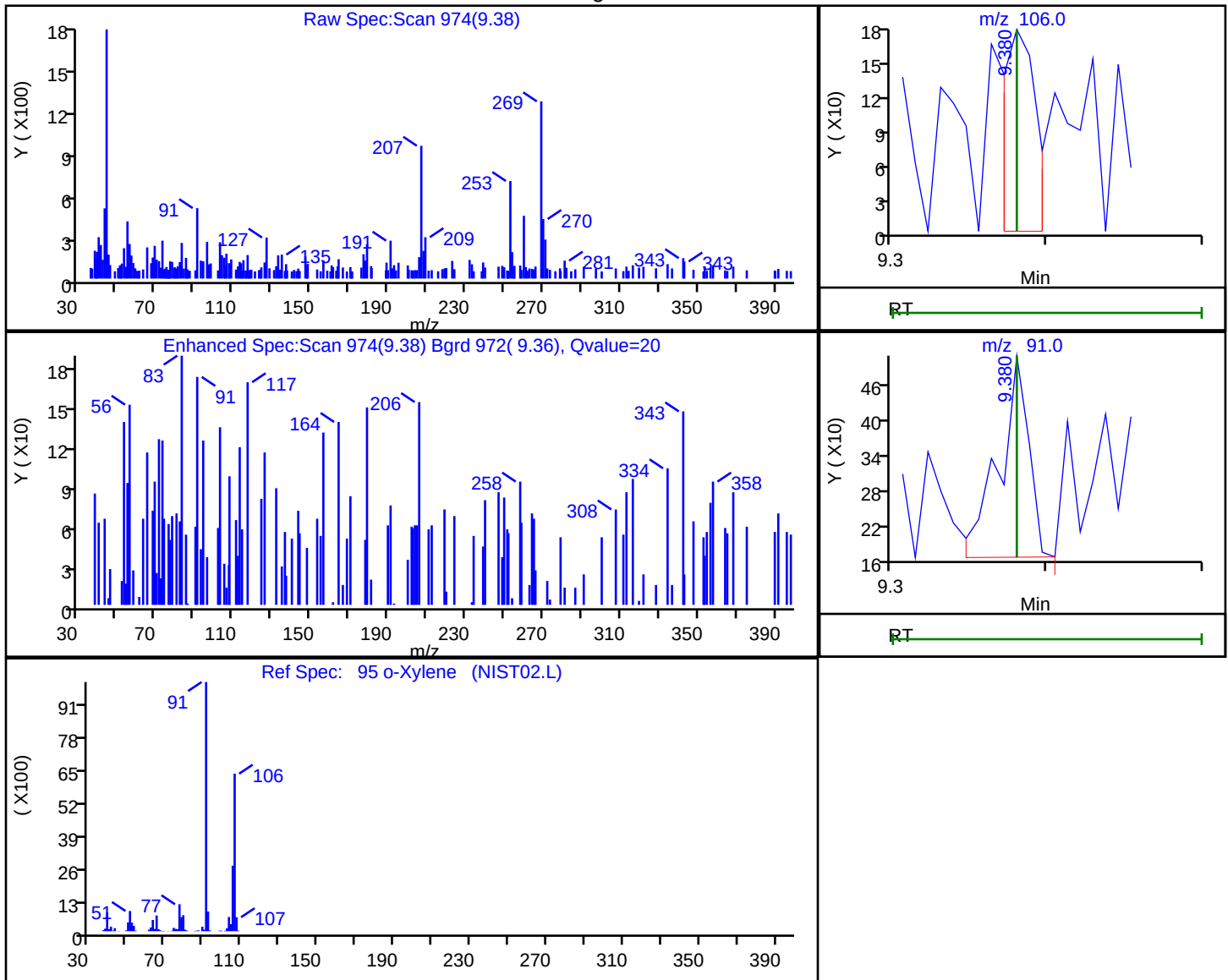
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.38	106.00	267	0.063470
9.38	91.00	452	

Reviewer: baronm, 09-Dec-2020 17:54:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

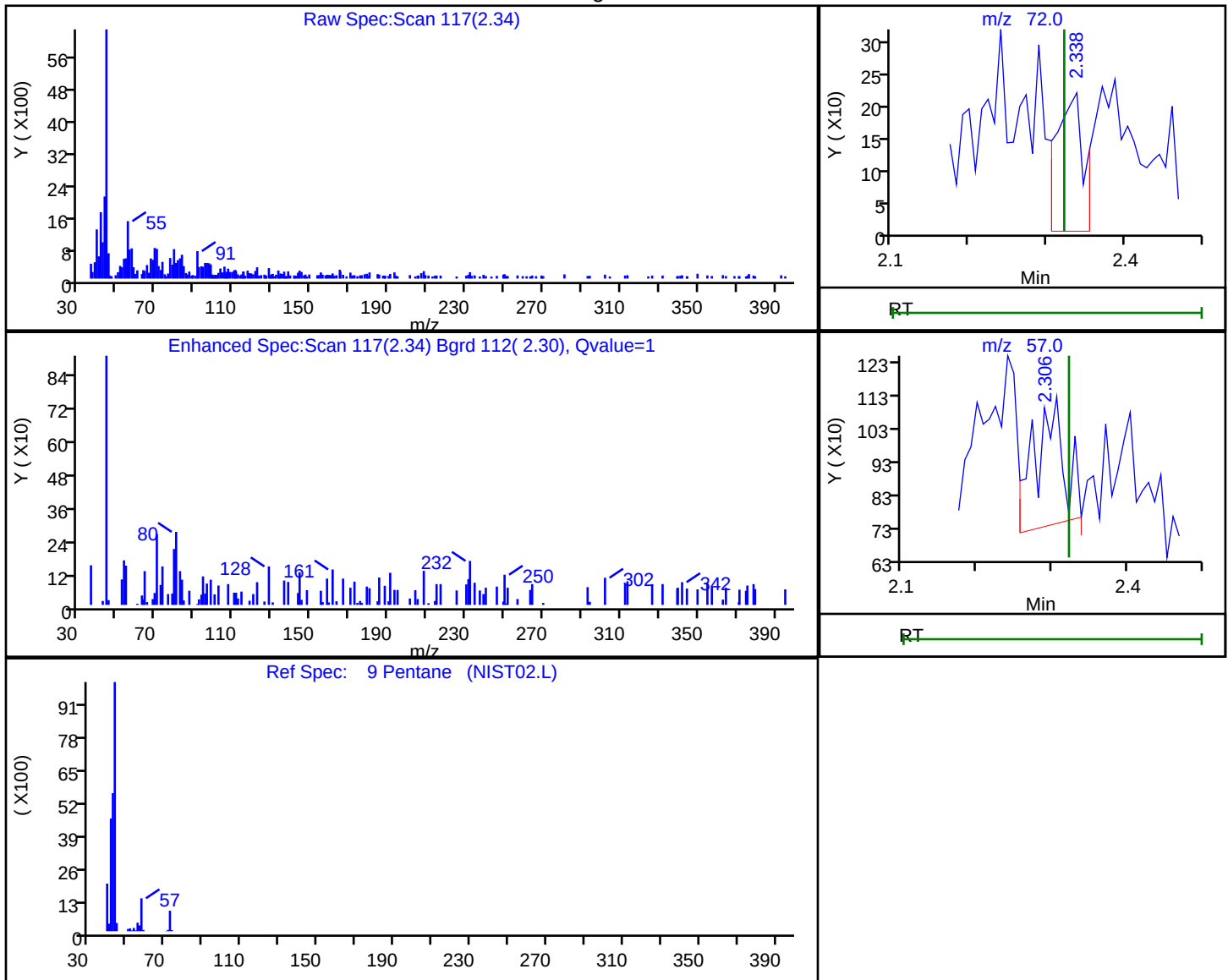
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.34	72.00	537	0.862441
2.31	57.00	1058	

Reviewer: baronm, 09-Dec-2020 17:51:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

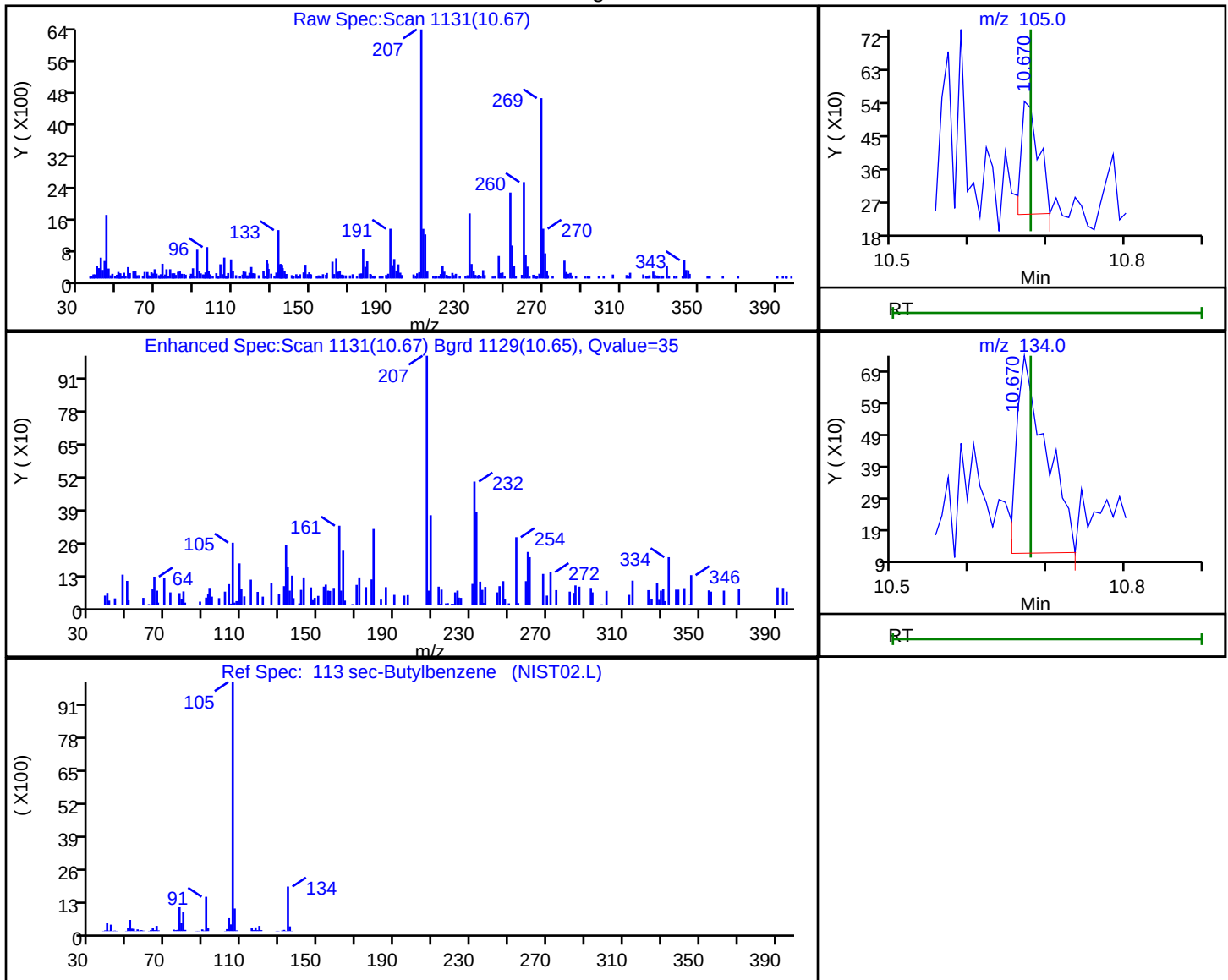
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.67	105.00	478	0.036014
10.67	134.00	1644	

Reviewer: baronm, 09-Dec-2020 17:54:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

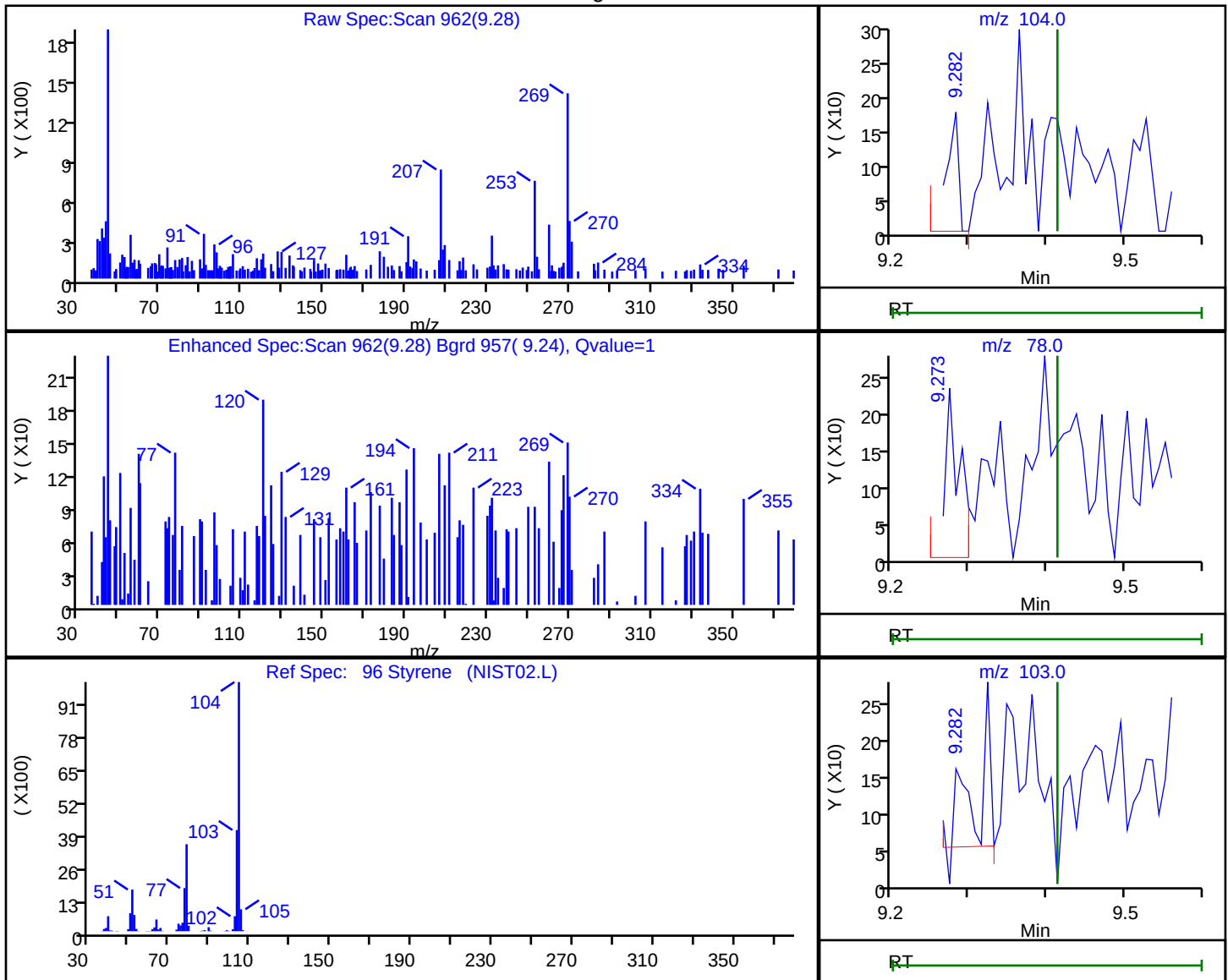
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.28	104.00	269	0.040431
9.27	78.00	339	
9.28	103.00	248	

Reviewer: baronm, 09-Dec-2020 17:54:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

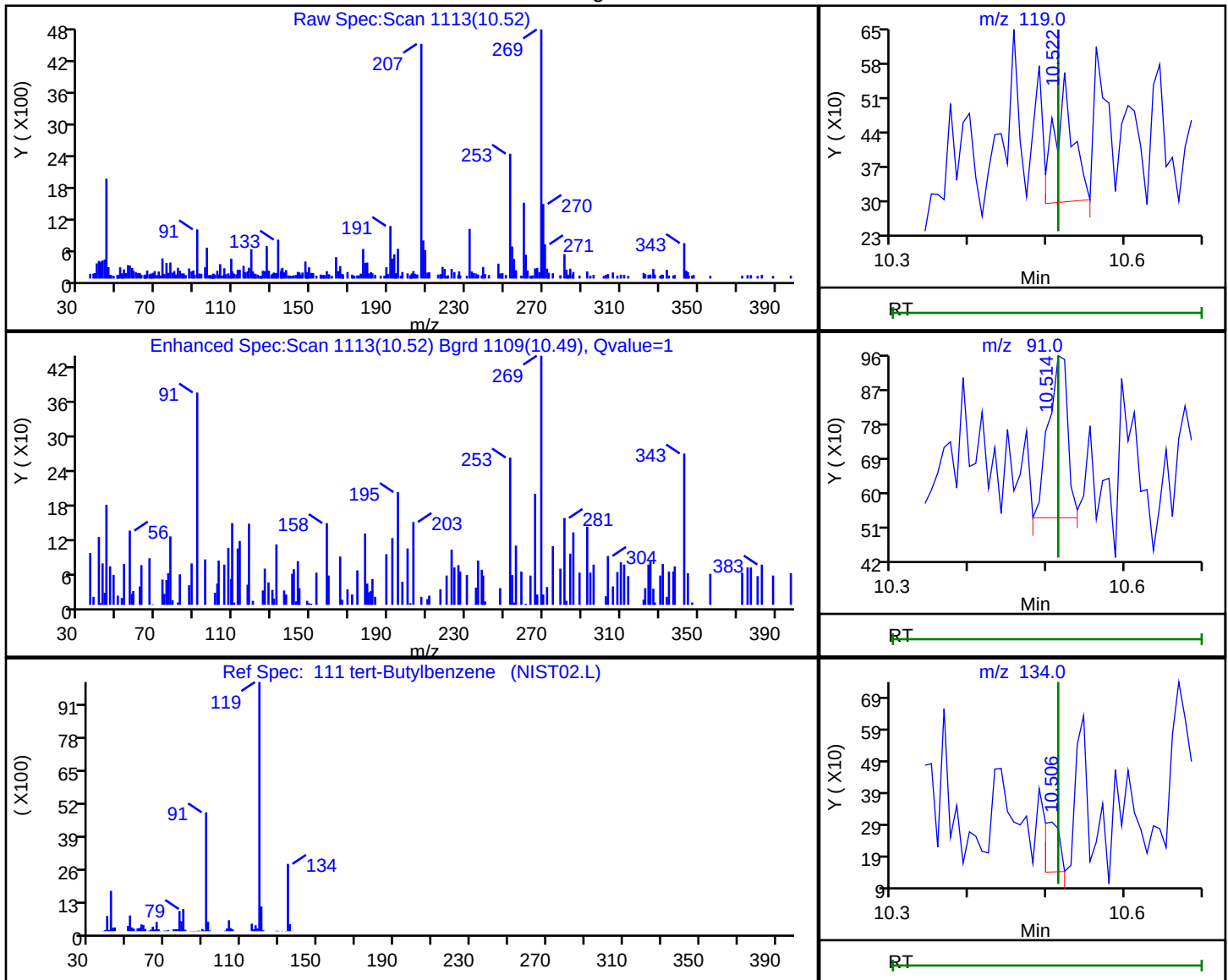
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.52	119.00	438	0.050256
10.51	91.00	724	
10.51	134.00	222	

Reviewer: baronm, 09-Dec-2020 17:54:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

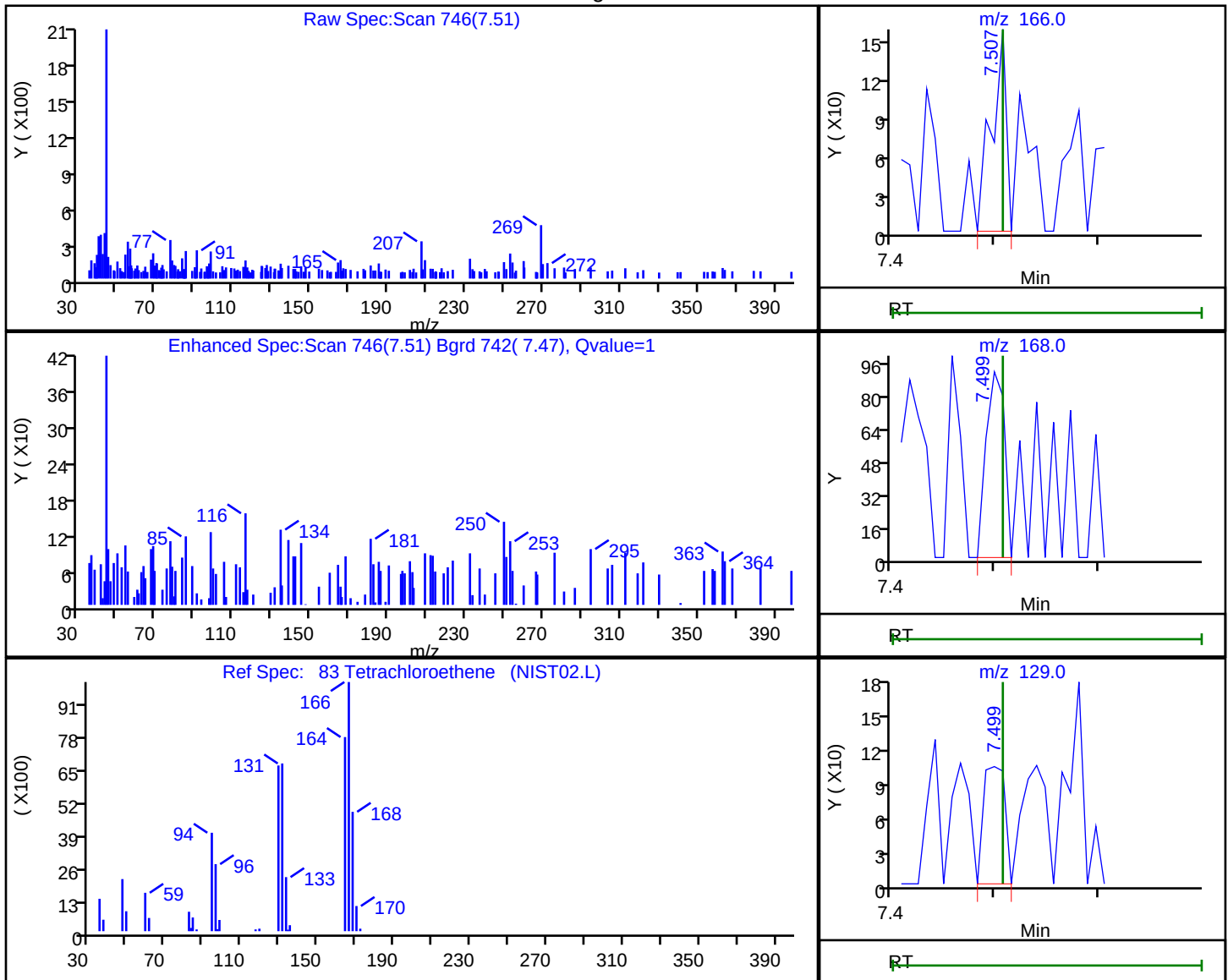
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
7.51	166.00	149	0.057078
7.50	168.00	114	
7.50	129.00	150	

Reviewer: baronm, 09-Dec-2020 17:54:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

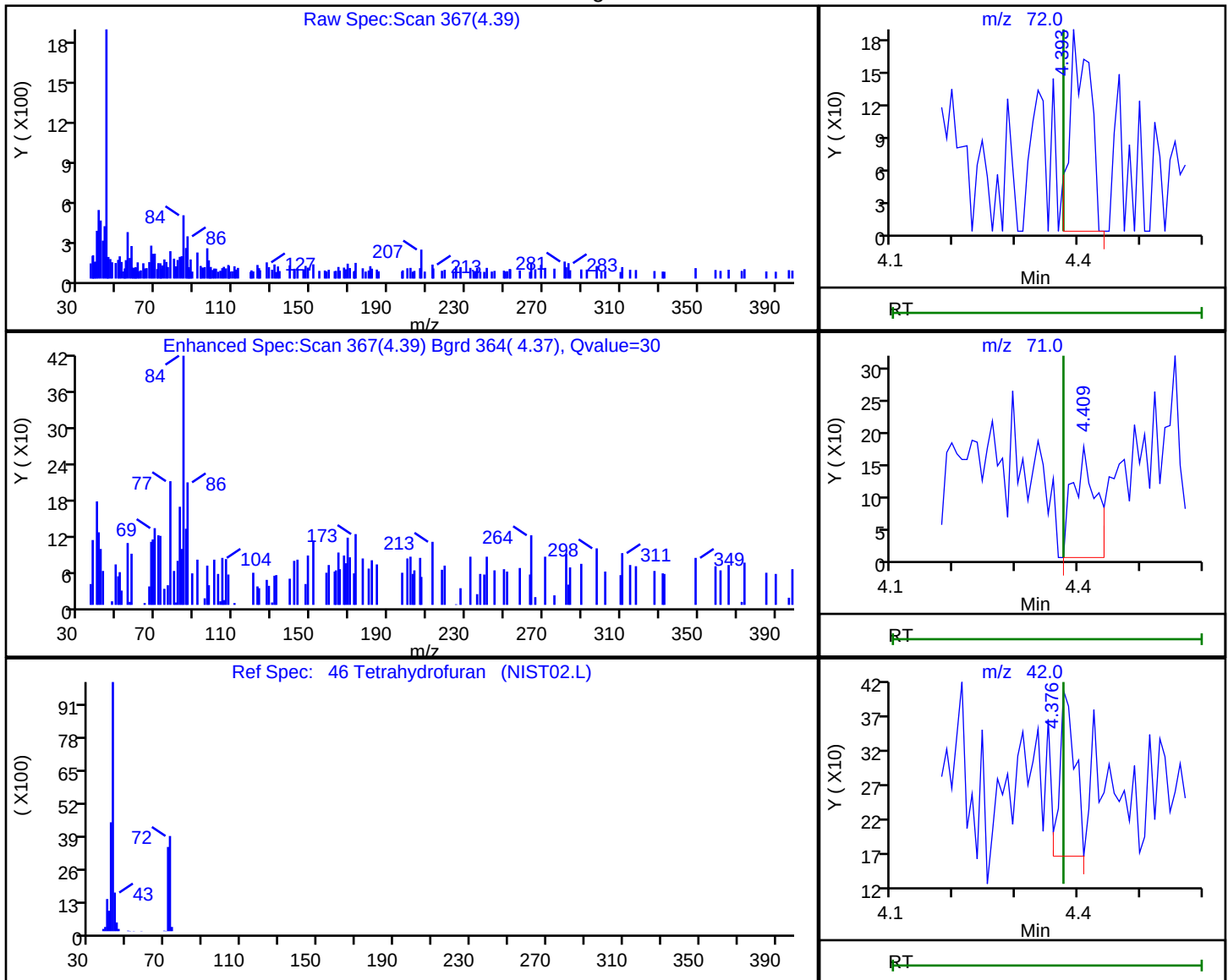
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.39	72.00	425	1.362228
4.41	71.00	436	
4.38	42.00	407	

Reviewer: baronm, 09-Dec-2020 17:52:46

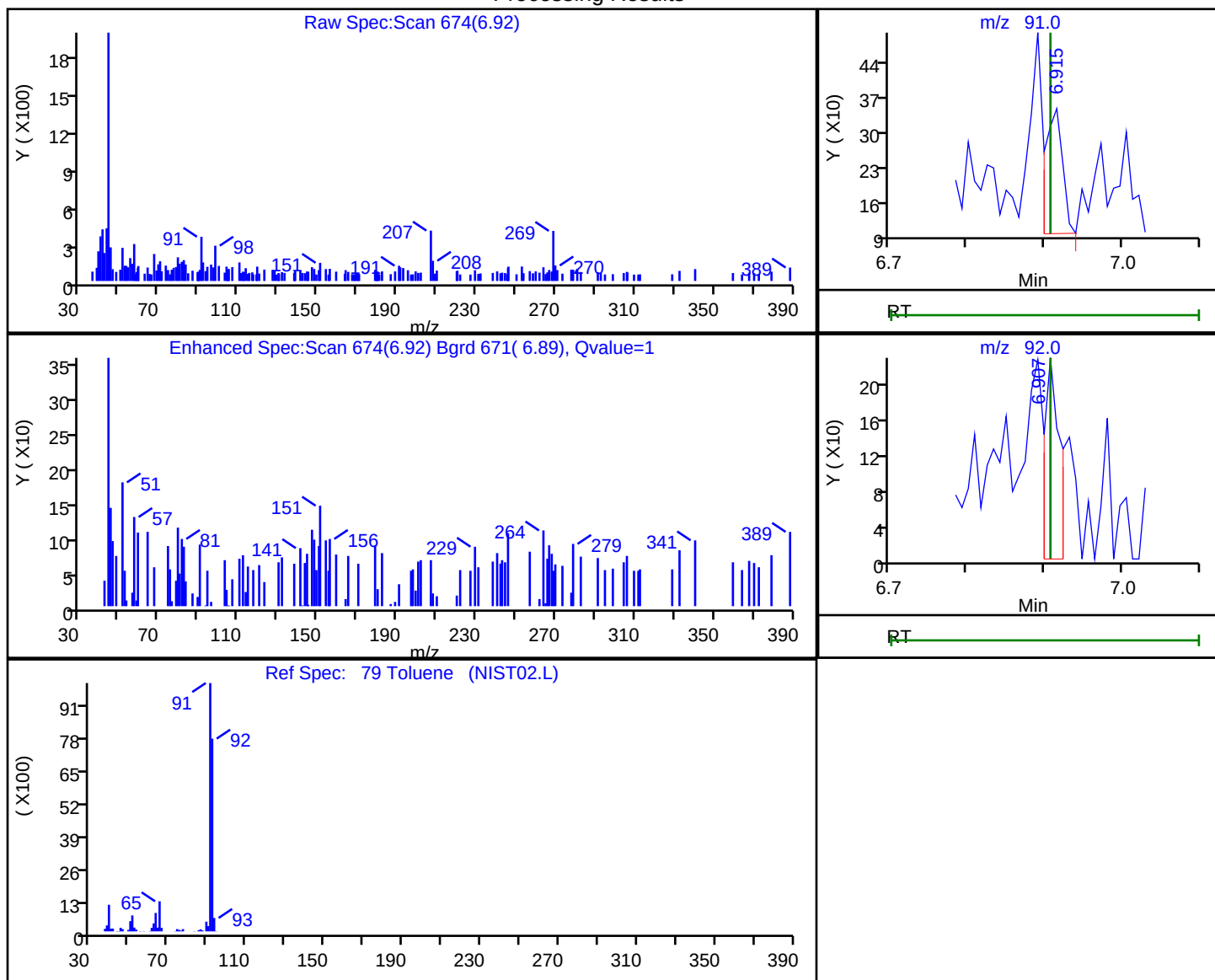
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D		
Injection Date:	09-Dec-2020 14:03:30	Instrument ID:	CVOAMS6
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA 624.1 ICA
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

ALS Bottle#:	2	Worklist Smp#:	3
Dil. Factor:	1.0000		
Limit Group:	VOA 624.1 ICAL		
Detector	MS SCAN		

Processing Results



RT	Mass	Response	Amount
6.92	91.00	382	0.042378
6.91	92.00	310	

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

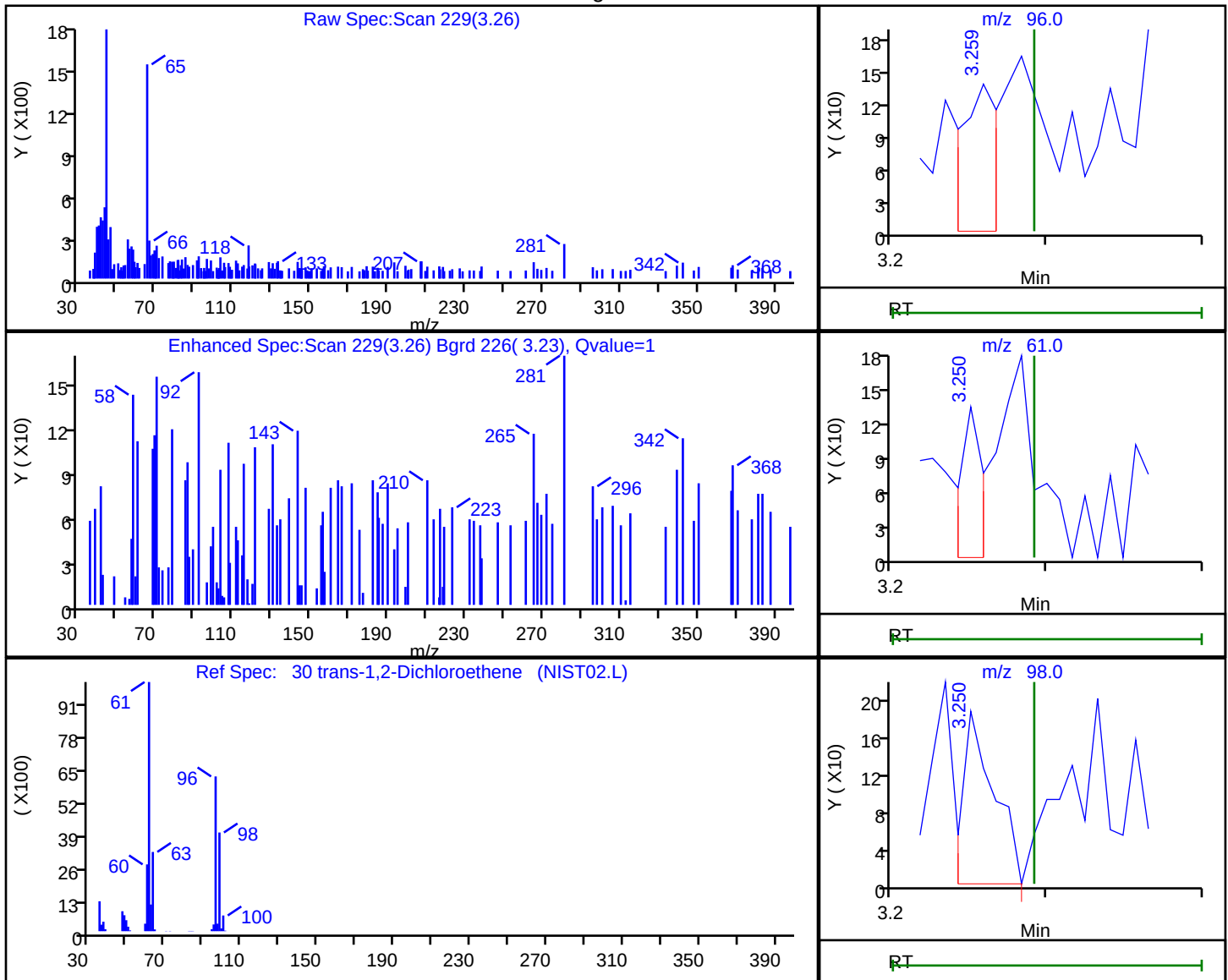
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.26	96.00	222	0.088369
3.25	61.00	132	
3.25	98.00	267	

Reviewer: baronm, 09-Dec-2020 17:52:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

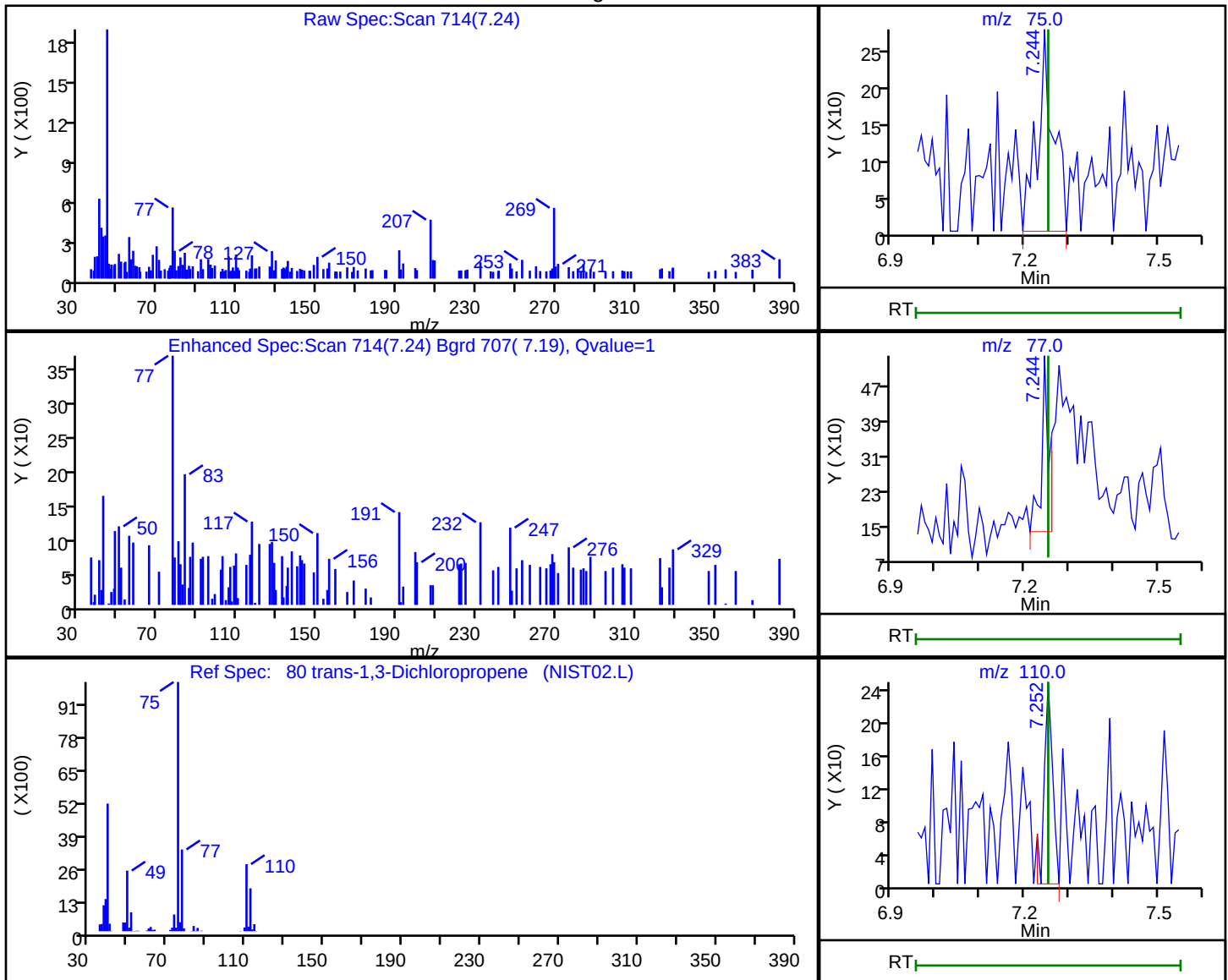
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
7.24	75.00	686	0.219100
7.24	77.00	474	
7.25	110.00	333	

Reviewer: baronm, 09-Dec-2020 17:53:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

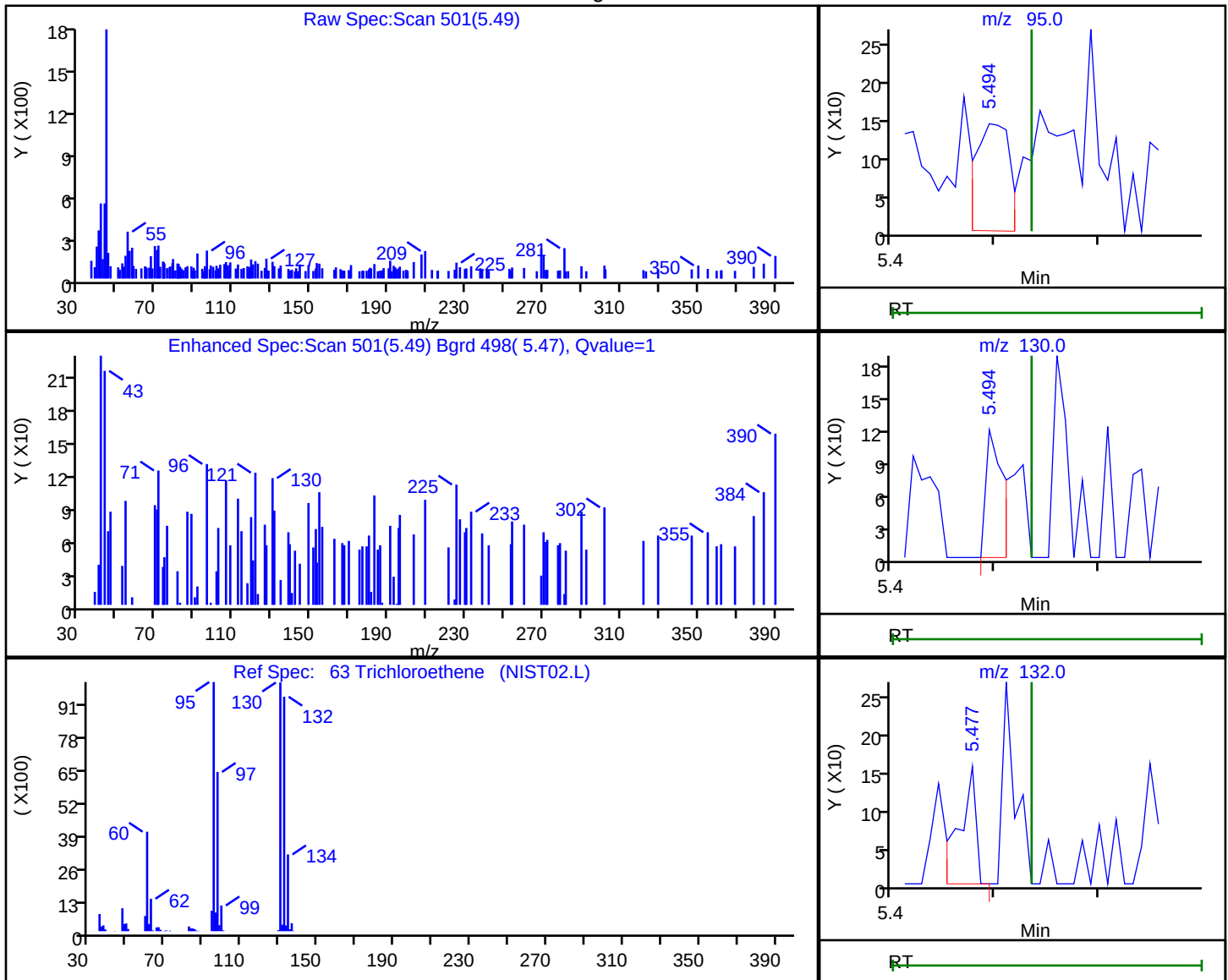
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
5.49	95.00	325	0.144735
5.49	130.00	135	
5.48	132.00	177	

Reviewer: baronm, 09-Dec-2020 17:53:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

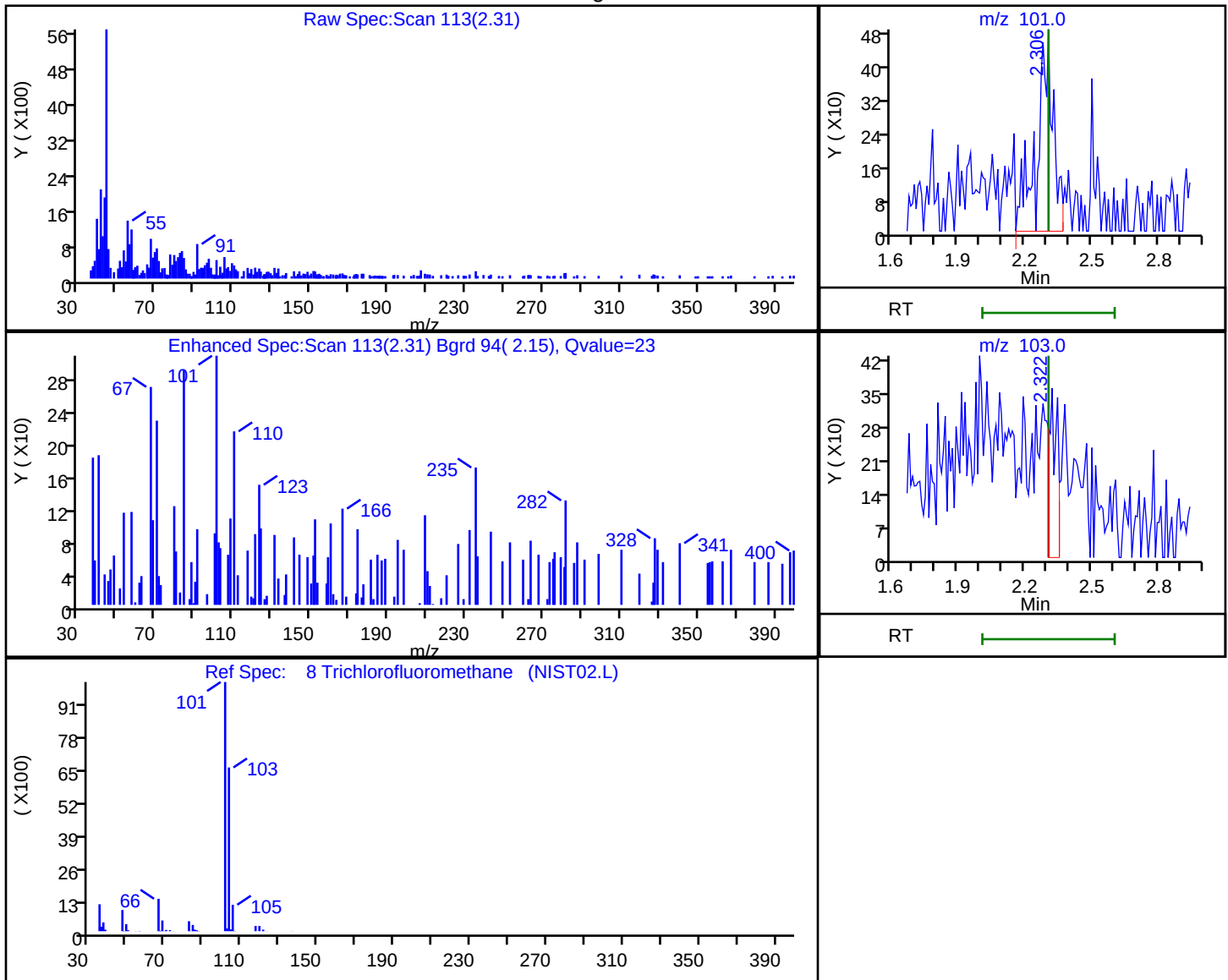
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.31	101.00	2421	0.412379
2.32	103.00	885	

Reviewer: baronm, 09-Dec-2020 17:51:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

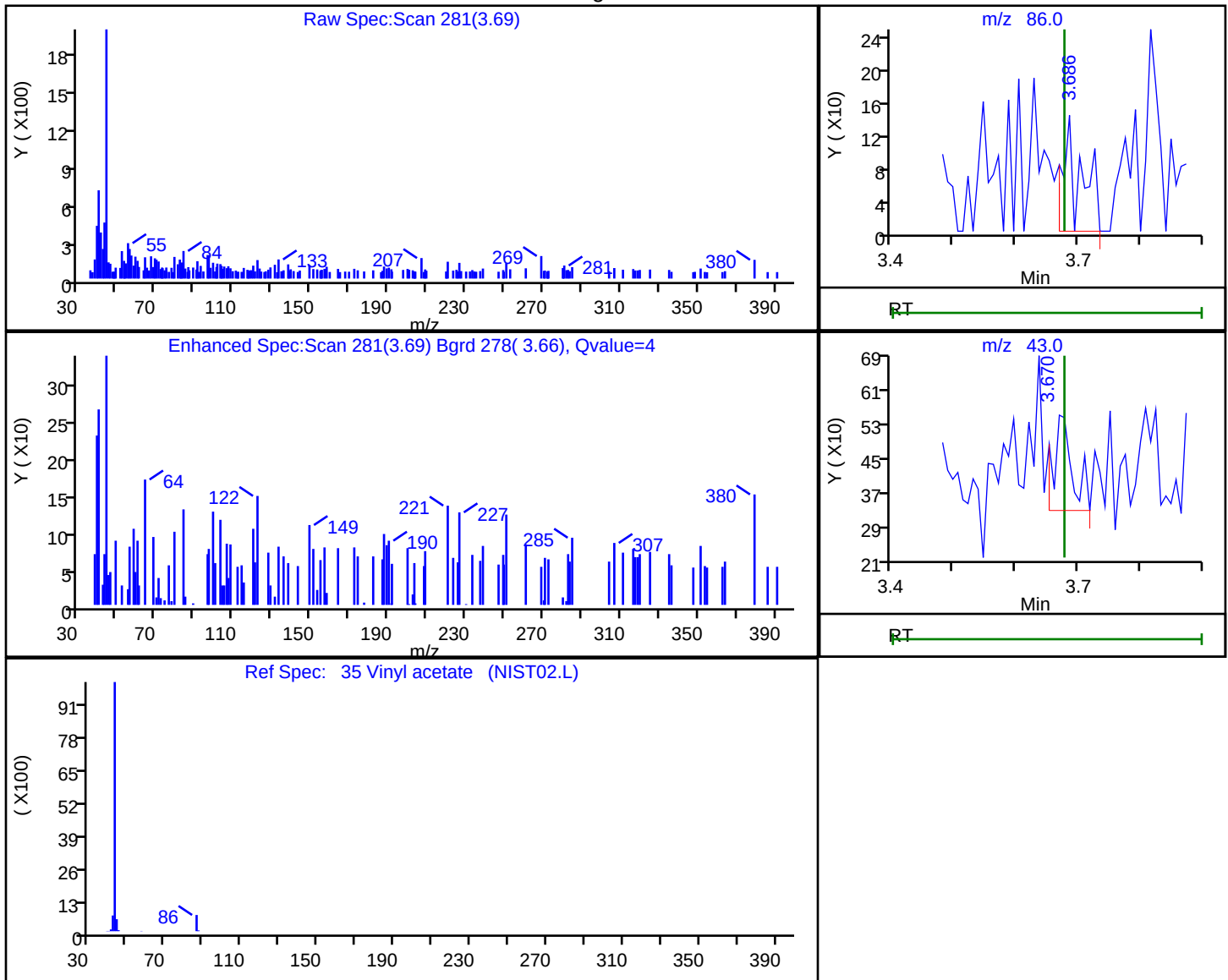
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.69	86.00	292	0.617188
3.67	43.00	471	

Reviewer: baronm, 09-Dec-2020 17:53:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08549.D

Injection Date: 09-Dec-2020 14:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

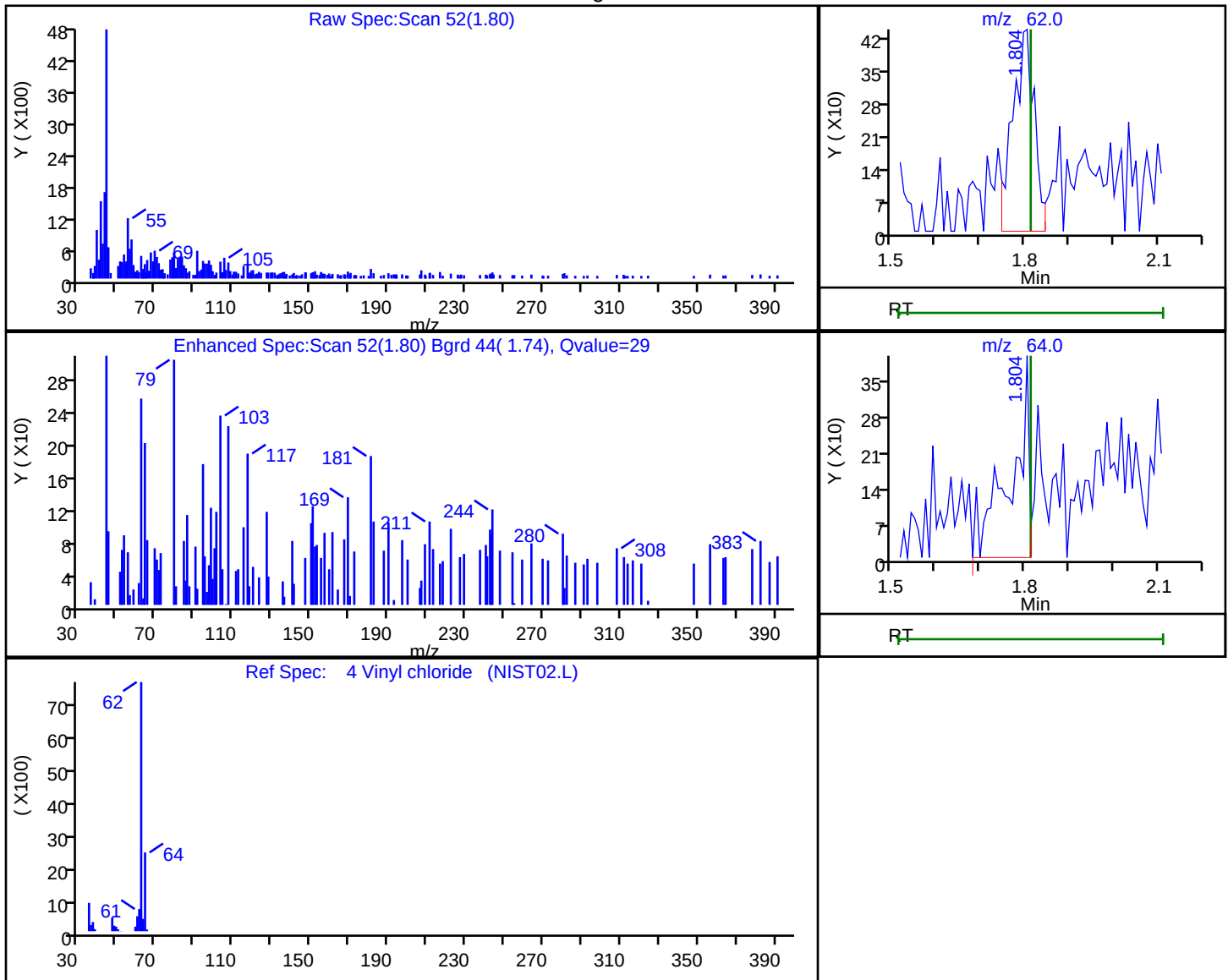
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.80	62.00	1466	0.335667
1.80	64.00	1074	

Reviewer: baronm, 09-Dec-2020 17:51:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-Dec-2020 14:27:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0121321-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:06:40 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 16:55:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.557	1.566	-0.009	94	3746	1.00	0.9793	
2 Chloromethane	50	1.730	1.730	0.000	92	5317	1.00	1.27	
3 Butadiene	54	1.804	1.812	-0.008	76	4063	1.00	1.07	M
4 Vinyl chloride	62	1.804	1.812	-0.008	94	4761	1.00	1.09	M
5 Bromomethane	94	2.083	2.084	-0.001	95	5077	1.00	1.26	M
6 Chloroethane	64	2.133	2.141	-0.008	68	3485	1.00	1.14	
7 Dichlorofluoromethane	67	2.289	2.297	-0.008	90	8126	NC	NC	M
8 Trichlorofluoromethane	101	2.313	2.306	0.007	85	6870	1.00	1.12	
9 Pentane	72	2.322	2.322	0.000	85	1567	2.00	2.26	
10 Ethyl ether	59	2.494	2.503	-0.009	91	2412	1.00	1.22	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	55	1873	1.00	0.9104	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.568	2.560	0.008	51	3548	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.617	2.618	-0.001	40	3825	NC	NC	
15 Acrolein	56	2.659	2.667	-0.008	27	1435	4.00	5.00	M
16 112TCTFE	101	2.700	2.683	0.017	53	3100	1.00	1.10	M
17 1,1-Dichloroethene	96	2.691	2.700	-0.009	89	2020	1.00	0.8551	
18 Acetone	43	2.782	2.774	0.008	67	3127	5.00	4.24	
19 Iodomethane	142	2.856	2.856	0.000	78	4750	1.00	0.9847	
20 Isopropyl alcohol	45	2.848	2.856	-0.008	0	1738	10.0	11.0	M
21 Carbon disulfide	76	2.880	2.889	-0.009	96	8680	1.00	1.03	
22 3-Chloro-1-propene	41	2.987	2.996	-0.009	83	4407	1.00	1.15	
23 Methyl acetate	43	3.004	3.004	0.000	98	3260	2.00	1.98	
24 Cyclopentene	67	3.012	3.020	-0.008	90	5996	NC	NC	a
25 Acetonitrile	41	3.053	3.053	0.000	19	3249	10.0	8.56	Ma
* 27 TBA-d9 (IS)	65	3.110	3.103	0.007	0	326709	1000.0	1000.0	
26 Methylene Chloride	84	3.110	3.119	-0.009	31	3708	1.00	1.28	a
28 2-Methyl-2-propanol	59	3.168	3.176	-0.008	59	2881	10.0	9.90	a
29 Methyl tert-butyl ether	73	3.275	3.275	0.000	93	6625	1.00	0.9004	
30 trans-1,2-Dichloroethene	96	3.283	3.292	-0.009	93	2938	1.00	1.11	
31 Acrylonitrile	53	3.357	3.349	0.008	98	10936	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.439	3.439	0.000	70	1695	1.00	0.9599	M
33 Isopropyl ether	45	3.645	3.637	0.008	77	6033	1.00	0.9420	
34 1,1-Dichloroethane	63	3.661	3.670	-0.009	65	3761	1.00	0.9171	
35 Vinyl acetate	86	3.677	3.678	-0.001	98	1698	2.00	2.87	M
36 2-Chloro-1,3-butadiene	88	3.702	3.711	-0.009	55	2316	NC	NC	
37 Tert-butyl ethyl ether	59	3.940	3.949	-0.009	92	5852	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	276782	250.0	250.0	
39 2,2-Dichloropropane	97	4.138	4.154	-0.016	57	1132	1.00	1.20	M
40 cis-1,2-Dichloroethene	96	4.170	4.163	0.007	96	2653	1.00	0.9708	
42 2-Butanone (MEK)	72	4.187	4.179	0.008	92	2081	5.00	6.53	
41 Ethyl acetate	70	4.179	4.179	0.000	40	446	2.00	1.74	
43 Methyl acrylate	55	4.236	4.236	0.000	52	2071	NC	NC	
44 Propionitrile	54	4.318	4.310	0.008	94	3179	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	68	708	2.00	2.00	M
45 Chlorobromomethane	128	4.384	4.384	0.000	75	1798	1.00	1.14	
47 Methacrylonitrile	67	4.401	4.409	-0.008	90	10963	NC	NC	
48 Chloroform	83	4.425	4.434	-0.009	76	4934	1.00	1.16	
49 Cyclohexane	84	4.565	4.573	-0.008	31	4217	1.00	0.9740	a
50 1,1,1-Trichloroethane	97	4.573	4.582	-0.009	35	4722	1.00	1.13	a
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.582	-0.001	97	133352	50.0	50.4	
52 Carbon tetrachloride	117	4.705	4.697	0.008	86	3812	1.00	1.02	
53 1,1-Dichloropropene	75	4.721	4.721	0.000	86	3278	1.00	1.03	
54 Isobutyl alcohol	43	4.836	4.836	0.000	68	2739	NC	NC	
55 Benzene	78	4.910	4.910	0.000	96	9400	1.00	1.04	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.926	4.918	0.008	0	139632	50.0	48.9	
57 Isopropyl acetate	43	4.968	4.968	0.000	82	6008	1.00	0.9796	
58 Tert-amyl methyl ether	73	4.984	4.976	0.008	77	6887	NC	NC	
59 1,2-Dichloroethane	62	4.992	5.001	-0.009	37	3304	1.00	1.08	
60 n-Heptane	57	5.066	5.066	0.000	92	1599	1.00	0.9592	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	518361	50.0	50.0	
62 n-Butanol	56	5.493	5.485	0.008	49	2155	25.0	29.6	
63 Trichloroethene	95	5.543	5.535	0.008	89	2206	1.00	0.9299	
64 Ethyl acrylate	55	5.658	5.658	0.000	93	5591	1.00	0.9640	a
65 Methylcyclohexane	83	5.658	5.666	-0.008	86	4155	1.00	0.8870	
66 1,2-Dichloropropane	63	5.822	5.822	0.000	76	2215	1.00	1.01	
* 67 1,4-Dioxane-d8	96	5.871	5.863	0.008	0	33250	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	66	1420	2.00	1.98	
71 1,4-Dioxane	88	5.921	5.929	-0.008	25	2149	50.0	59.7	M
69 Dibromomethane	93	5.945	5.946	-0.001	88	1775	1.00	1.10	
70 n-Propyl acetate	43	5.954	5.954	0.000	94	3581	1.00	1.20	M
72 Dichlorobromomethane	83	6.093	6.094	-0.001	96	2596	1.00	0.8717	
74 2-Nitropropane	41	6.430	6.422	0.008	83	1434	NC	NC	M
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	70	1653	1.00	1.19	
75 Epichlorohydrin	57	6.529	6.537	-0.008	97	5222	20.0	20.2	
76 cis-1,3-Dichloropropene	75	6.586	6.587	0.000	93	3663	1.00	1.01	
77 4-Methyl-2-pentanone (MIBK)	43	6.759	6.751	0.008	93	9151	5.00	4.32	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.825	0.008	99	463651	50.0	50.6	
79 Toluene	91	6.907	6.907	0.000	91	9951	1.00	1.03	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	94	3591	1.00	1.07	
81 Ethyl methacrylate	69	7.285	7.285	0.000	82	2515	NC	NC	
82 1,1,2-Trichloroethane	83	7.465	7.466	-0.001	94	1395	1.00	0.8617	
83 Tetrachloroethene	166	7.507	7.507	0.000	94	2921	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.671	7.671	0.000	93	3440	1.00	1.02	
85 2-Hexanone	43	7.745	7.737	0.008	91	6653	5.00	4.90	
86 n-Butyl acetate	43	7.860	7.860	0.000	86	3502	1.00	1.12	
87 Chlorodibromomethane	129	7.901	7.901	0.000	79	2226	1.00	0.9241	
88 Ethylene Dibromide	107	8.057	8.057	0.000	81	2209	1.00	0.99	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	84	391830	50.0	50.0	
90 Chlorobenzene	112	8.632	8.633	-0.001	96	6870	1.00	1.05	
91 Ethylbenzene	106	8.739	8.739	0.000	98	4055	1.00	1.12	
92 1,1,1,2-Tetrachloroethane	131	8.755	8.756	-0.001	48	2750	1.00	1.00	
93 m-Xylene & p-Xylene	106	8.903	8.904	-0.001	0	4088	1.00	0.9419	
94 n-Butyl acrylate	73	9.372	9.372	0.000	80	1549	1.00	0.8535	
95 o-Xylene	106	9.380	9.380	0.000	89	4059	1.00	0.8993	
96 Styrene	104	9.413	9.413	0.000	97	7073	1.00	0.99	
97 Amyl acetate (mixed isomers)	43	9.618	9.610	0.008	89	4561	1.00	1.06	
98 Bromoform	173	9.626	9.619	0.007	88	2062	1.00	1.07	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	11185	1.00	0.9285	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	-0.001	95	172851	50.0	51.1	
101 Bromobenzene	156	10.054	10.054	0.000	89	3538	1.00	1.07	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	95	3074	1.00	1.00	
103 N-Propylbenzene	91	10.120	10.120	0.000	99	13268	1.00	0.9357	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	48	1014	1.00	1.01	a
105 trans-1,4-Dichloro-2-butene	53	10.152	10.153	-0.001	19	956	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	96	9164	1.00	0.9446	
107 4-Ethyltoluene	105	10.218	10.218	0.000	97	10733	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	92	9679	1.00	0.9039	
109 4-Chlorotoluene	91	10.308	10.309	-0.001	96	9452	1.00	1.08	
110 Butyl Methacrylate	87	10.366	10.358	0.008	85	2572	1.00	0.7764	
111 tert-Butylbenzene	119	10.514	10.514	0.000	95	7652	1.00	0.8278	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	96	9613	1.00	0.8774	
113 sec-Butylbenzene	105	10.678	10.679	-0.001	98	12294	1.00	0.8733	
114 1,3-Dichlorobenzene	146	10.785	10.777	0.008	80	6970	1.00	1.04	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	97	10909	1.00	0.8521	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	94	252520	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	90	7193	1.00	1.07	a
118 1,2,3-Trimethylbenzene	105	10.867	10.868	-0.001	94	11445	1.00	0.9566	
119 Benzyl chloride	91	10.949	10.950	-0.001	98	7181	1.00	1.04	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	96	10459	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	94	6534	NC	NC	M
122 n-Butylbenzene	92	11.056	11.057	0.000	96	5704	1.00	0.9016	
123 1,2-Dichlorobenzene	146	11.097	11.098	-0.001	97	6710	1.00	1.00	a
124 1,2,4,5-Tetramethylbenzene	119	11.525	11.525	0.000	97	12152	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.590	11.591	-0.001	86	1692	1.00	1.49	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	-0.001	97	6469	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.059	12.059	0.000	93	6437	1.00	1.08	
128 Hexachlorobutadiene	225	12.124	12.125	-0.001	90	2491	1.00	1.01	
129 Naphthalene	128	12.223	12.223	0.000	99	16033	1.00	1.09	
130 1,2,3-Trichlorobenzene	180	12.379	12.379	0.000	92	6229	1.00	1.10	
S 131 1,2-Dichloroethene, Total	100				0		2.00	2.08	
S 132 Xylenes, Total	100				0		2.00	1.84	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00397	Amount Added: 10.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
524freon_00030	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 10.00	Units: uL	
14DIOXINTER_00122	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

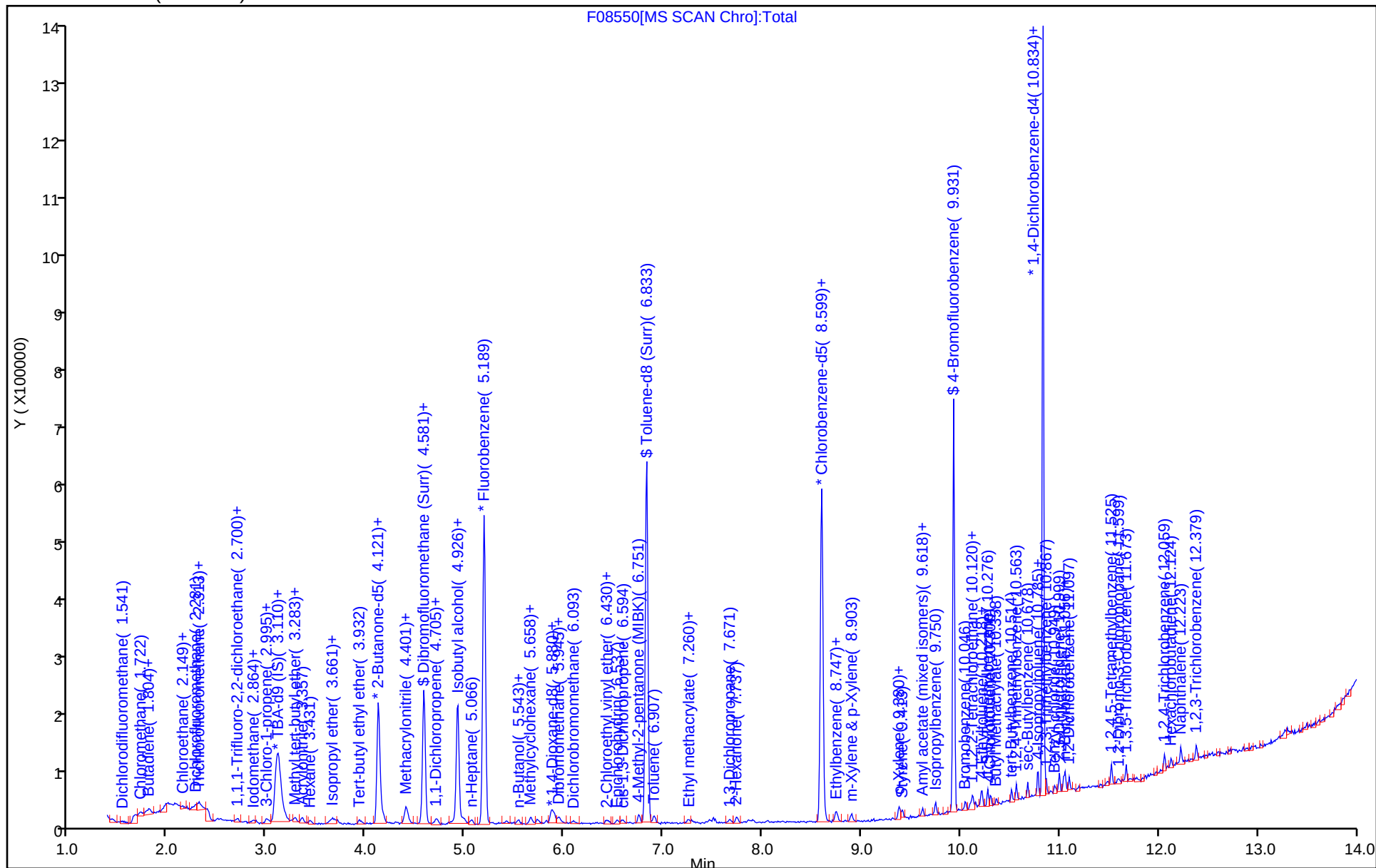
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

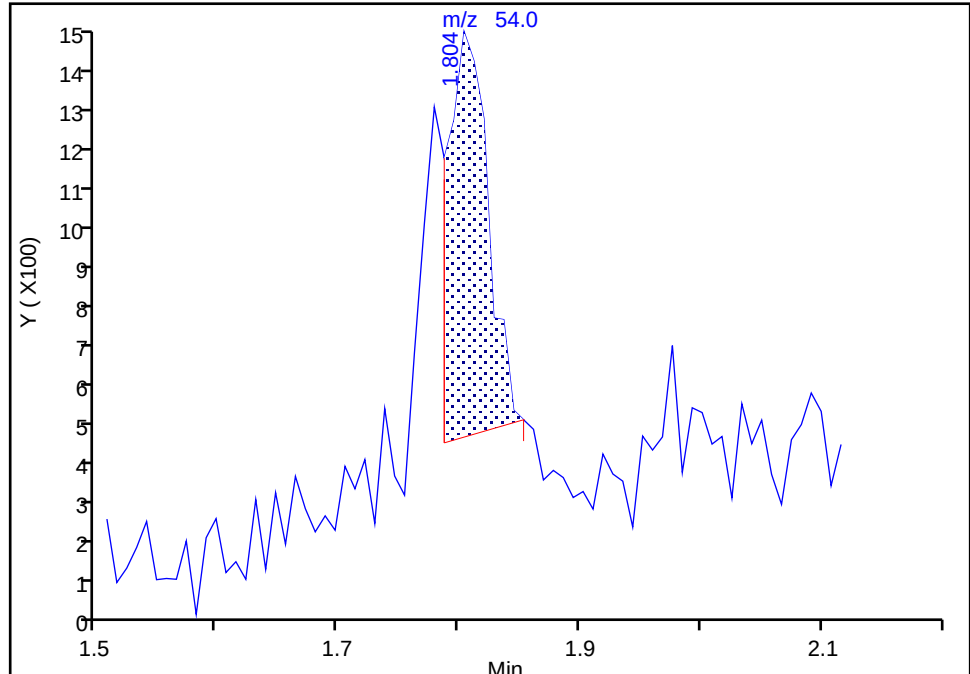
Detector: MS SCAN

3 Butadiene, CAS: 106-99-0

Signal: 1

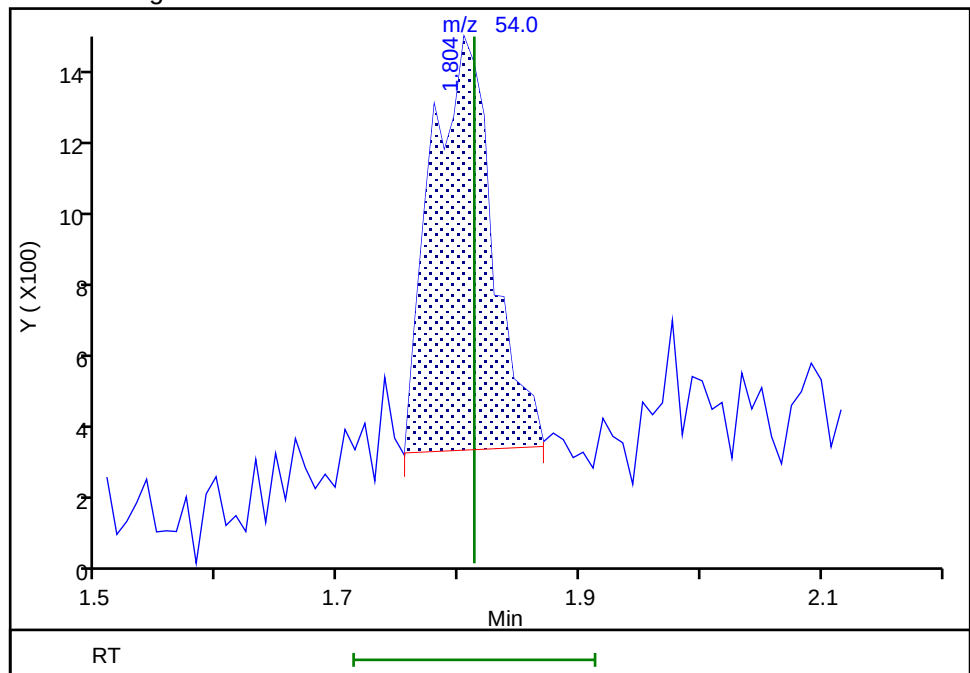
RT: 1.80
Area: 2379
Amount: 0.618943
Amount Units: ug/l

Processing Integration Results



RT: 1.80
Area: 4063
Amount: 1.074369
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:48:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

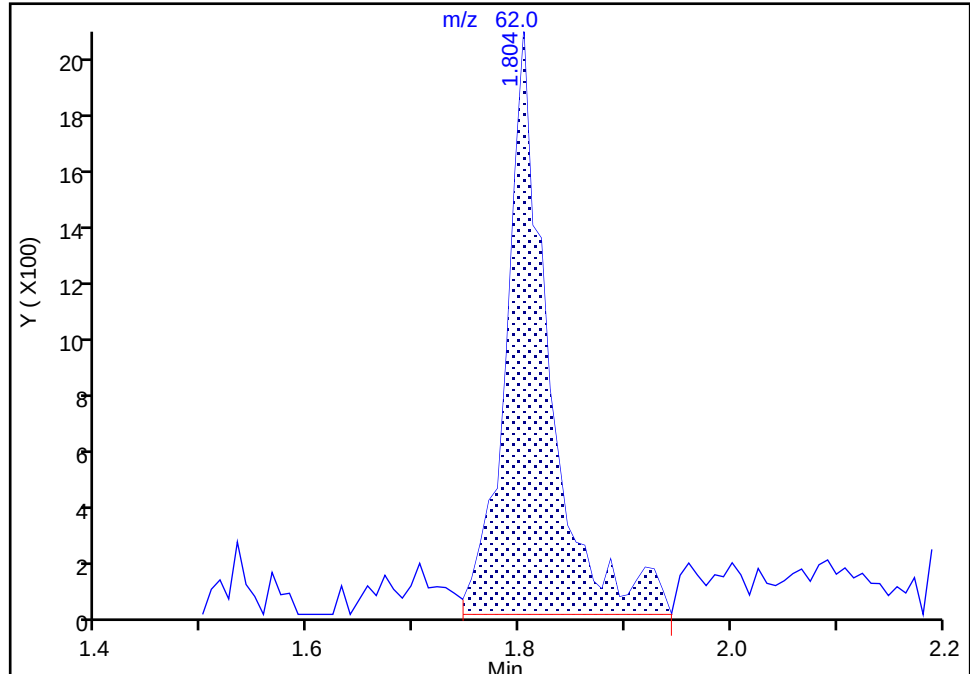
Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Signal: 1

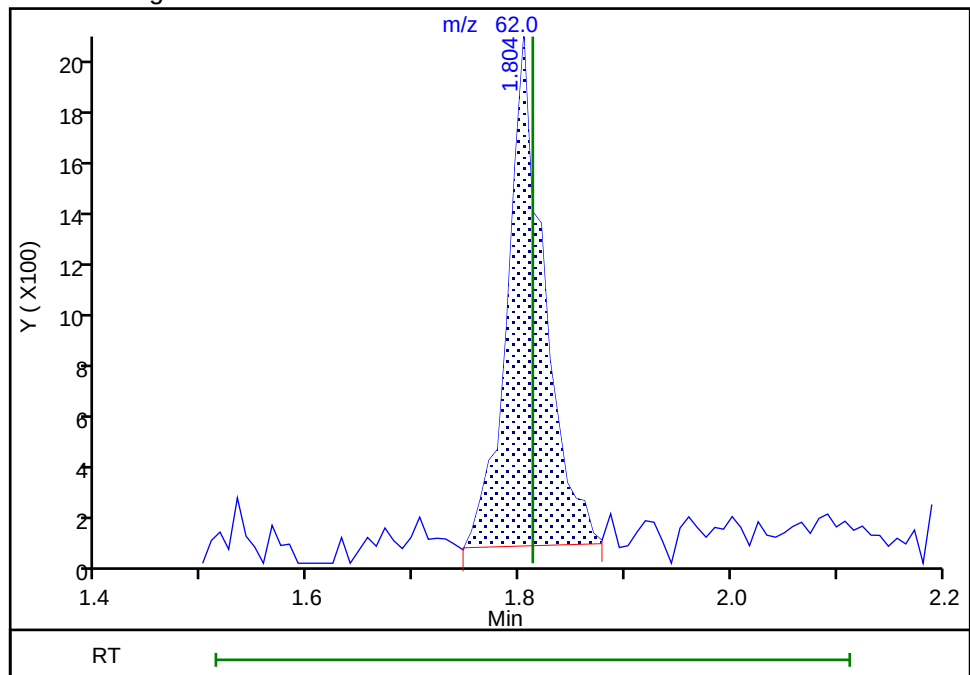
RT: 1.80
Area: 5749
Amount: 1.182472
Amount Units: ug/l

Processing Integration Results



RT: 1.80
Area: 4761
Amount: 1.094323
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:48:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

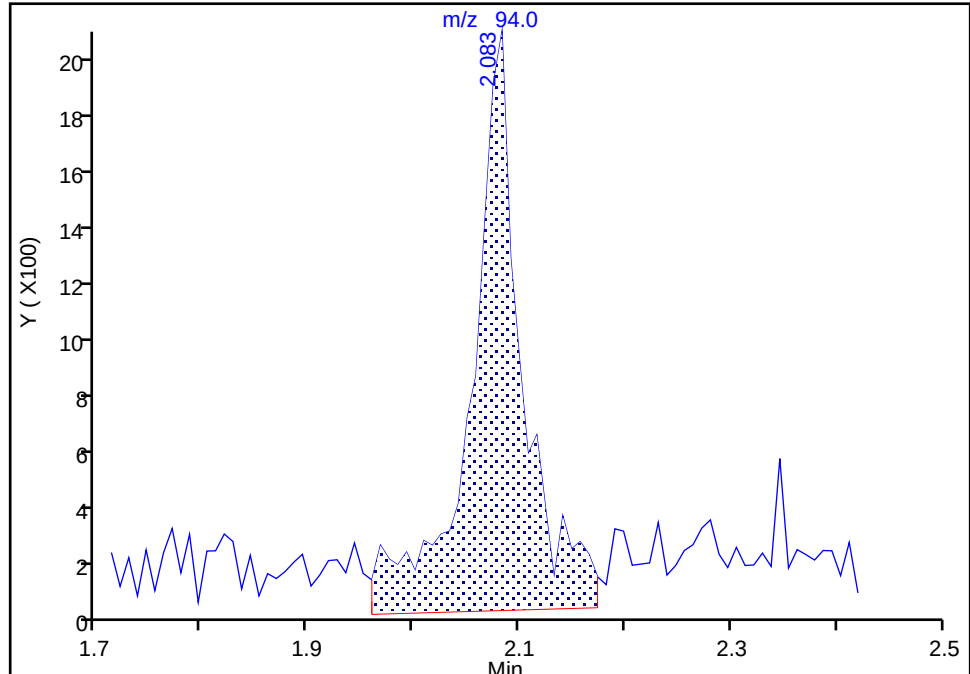
Detector: MS SCAN

5 Bromomethane, CAS: 74-83-9

Signal: 1

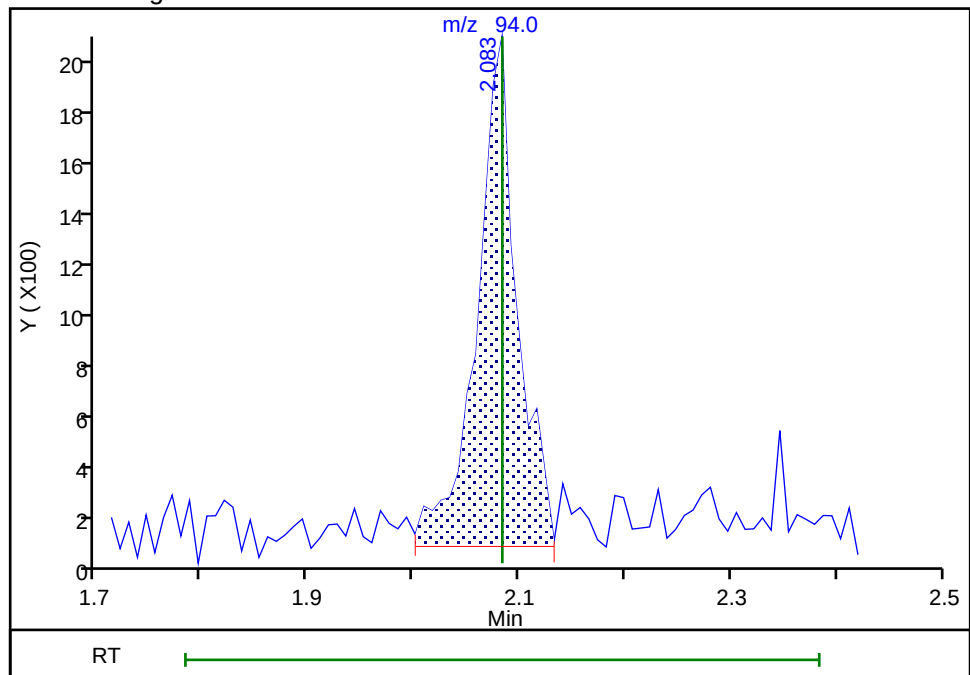
RT: 2.08
Area: 6834
Amount: 1.691540
Amount Units: ug/l

Processing Integration Results



RT: 2.08
Area: 5077
Amount: 1.257452
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:49:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

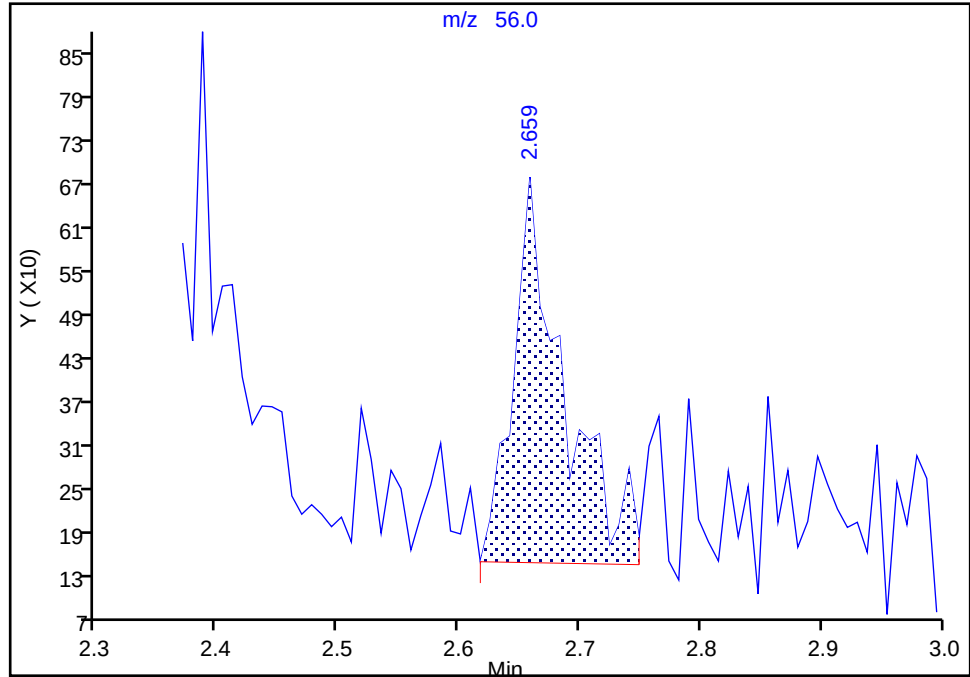
Detector: MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

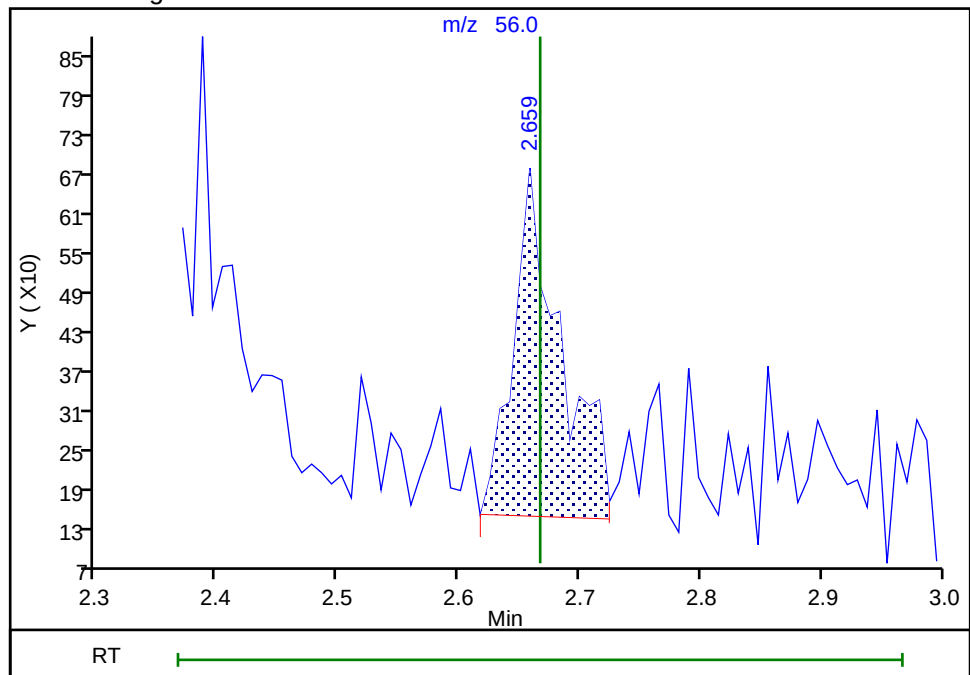
RT: 2.66
Area: 1546
Amount: 5.300248
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 1435
Amount: 4.998964
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:58:35

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

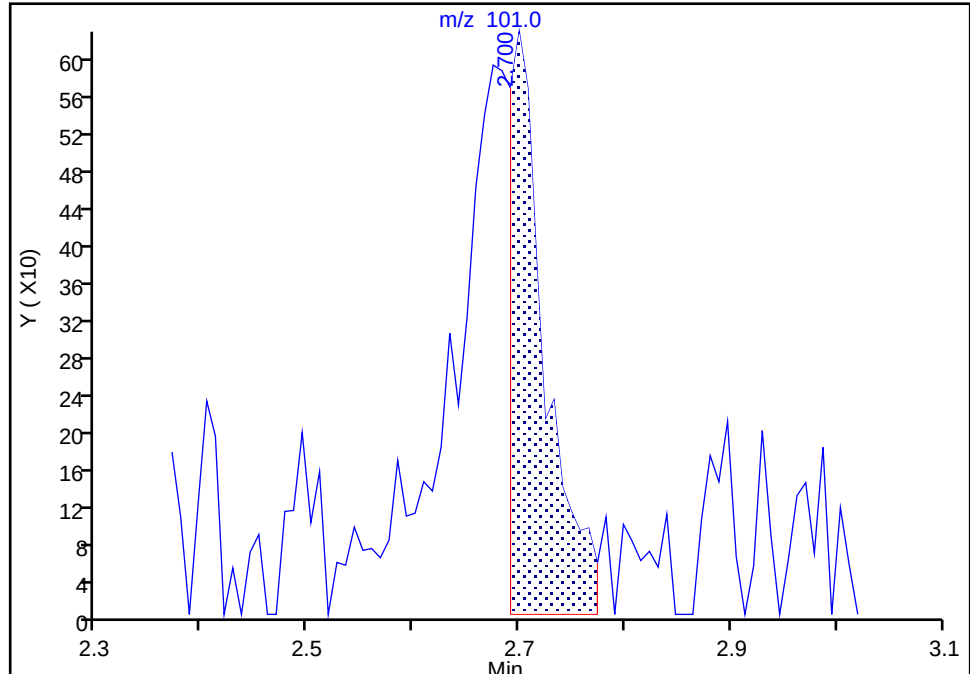
Detector: MS SCAN

16 112TCTFE, CAS: 76-13-1

Signal: 1

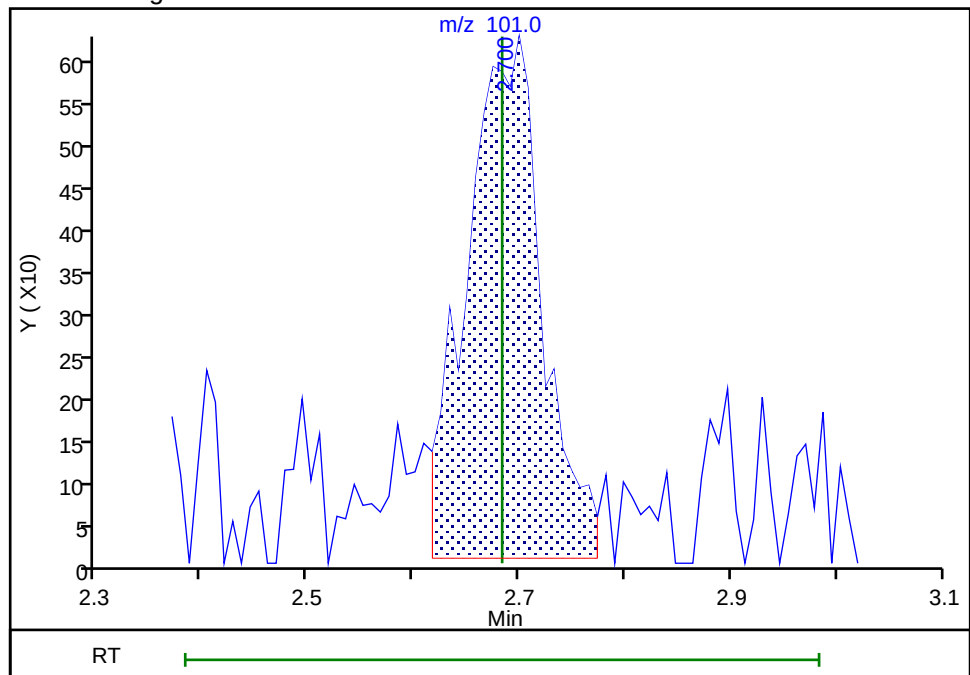
RT: 2.70
Area: 1513
Amount: 0.571084
Amount Units: ug/l

Processing Integration Results



RT: 2.70
Area: 3100
Amount: 1.104059
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:51:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

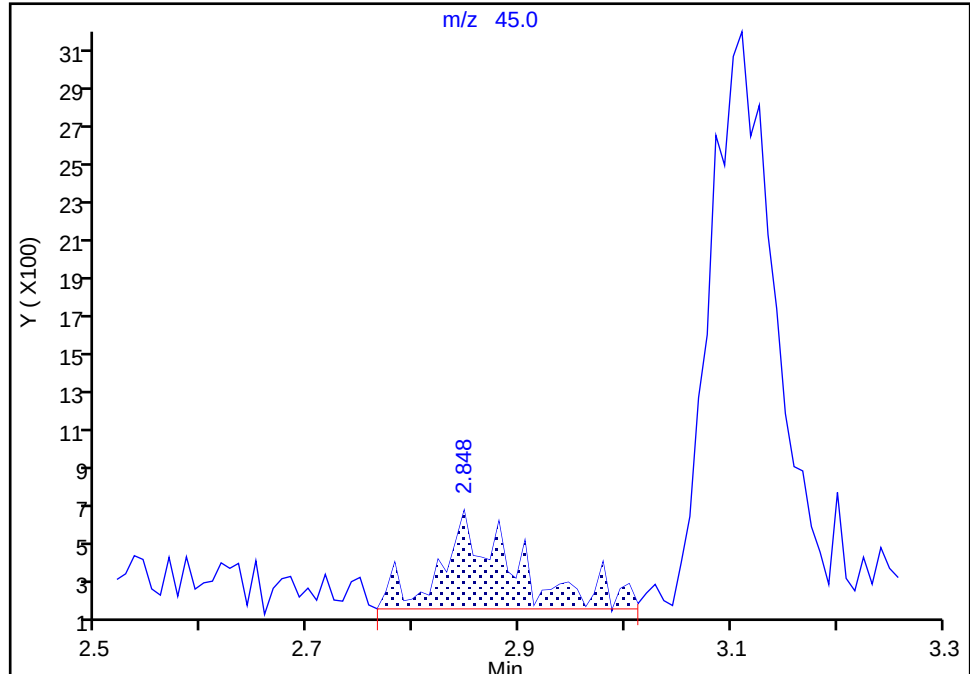
Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

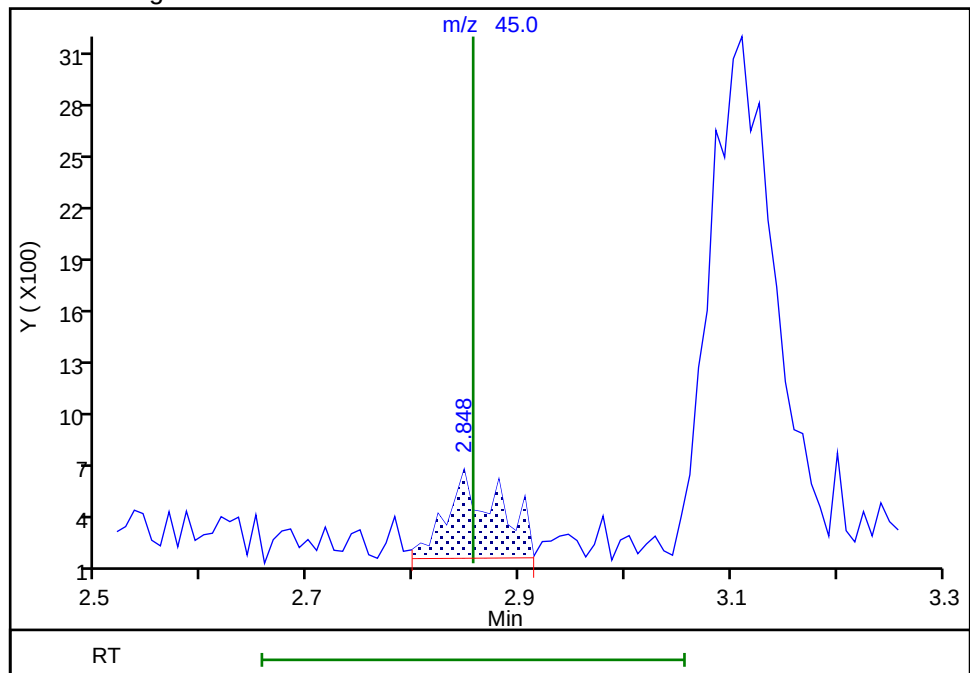
RT: 2.85
Area: 2502
Amount: 15.059955
Amount Units: ug/l

Processing Integration Results



RT: 2.85
Area: 1738
Amount: 11.003605
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:51:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

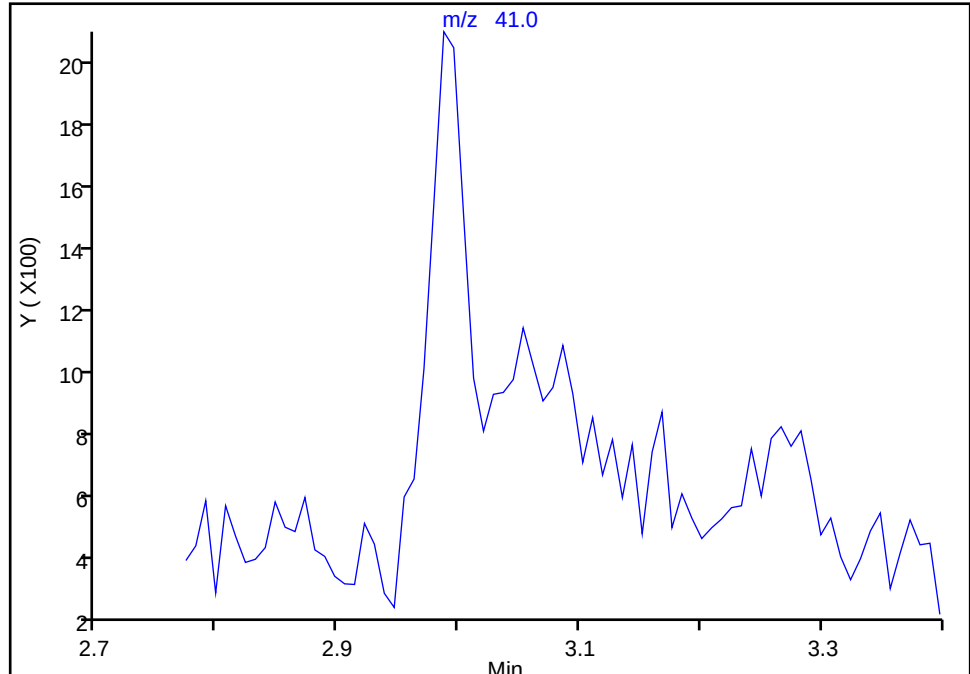
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.05

Processing Integration Results



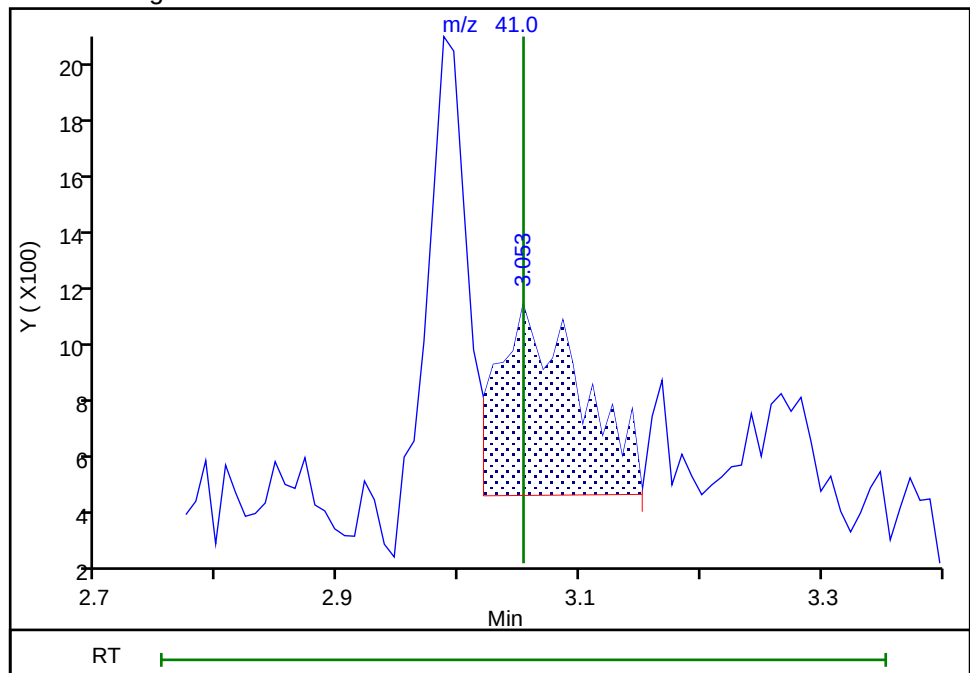
RT: 3.05

Area: 3249

Amount: 8.558214

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:59:25

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

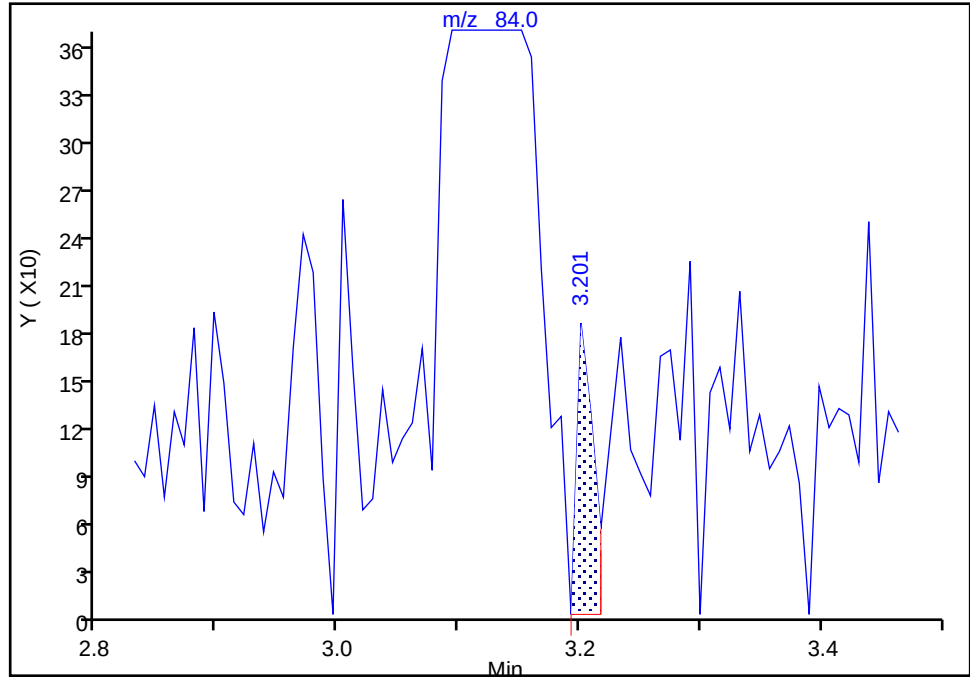
Detector: MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

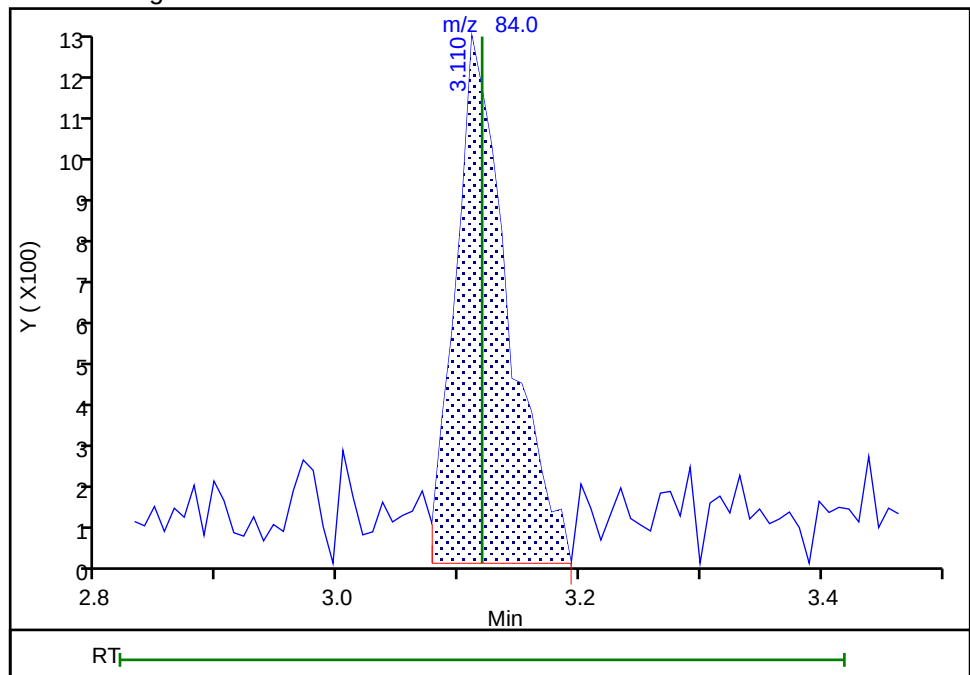
RT: 3.20
Area: 180
Amount: 0.065365
Amount Units: ug/l

Processing Integration Results



RT: 3.11
Area: 3708
Amount: 1.284350
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:51:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

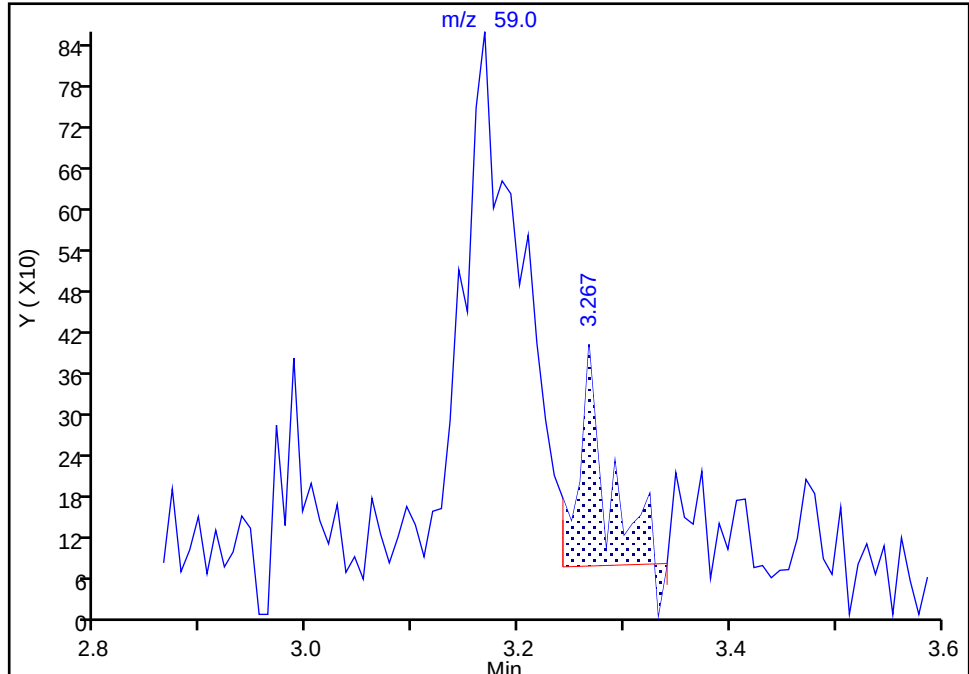
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

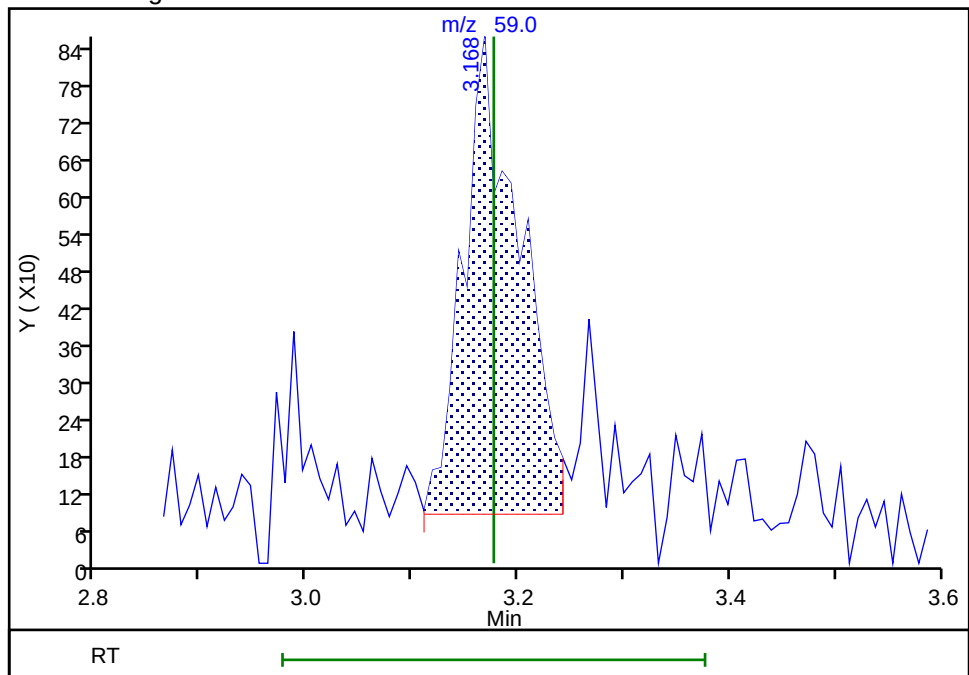
RT: 3.27
Area: 573
Amount: 2.838597
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 2881
Amount: 9.895573
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:51:56

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

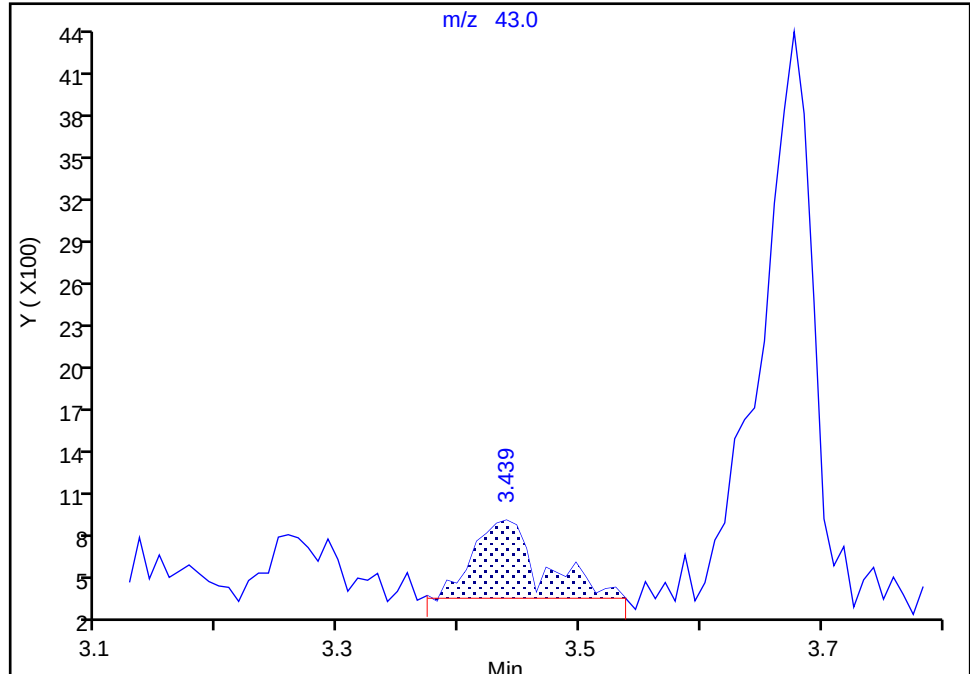
Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Signal: 1

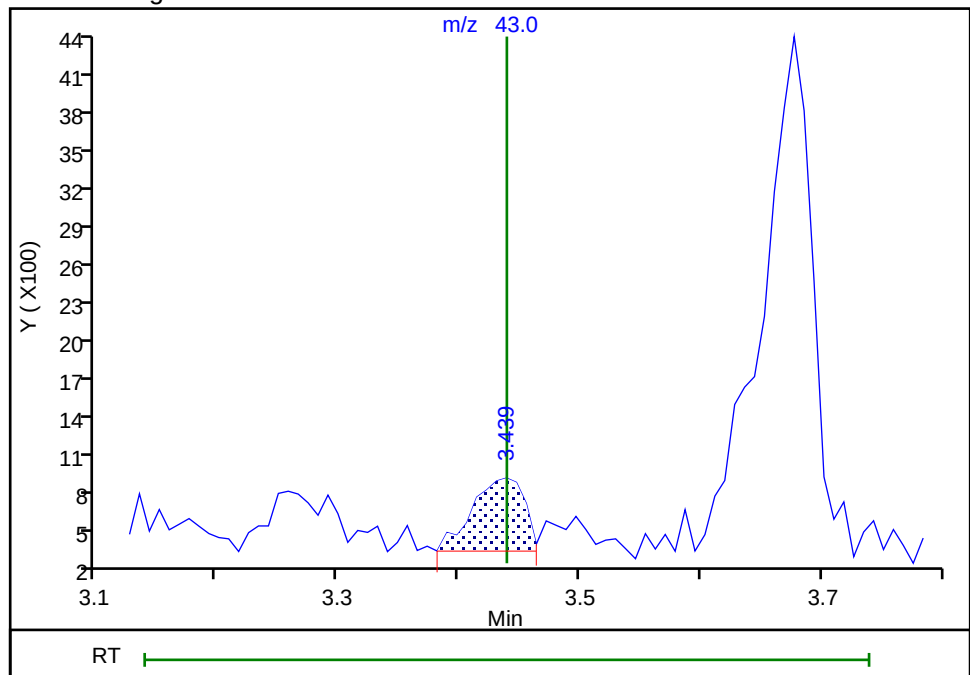
RT: 3.44
Area: 2152
Amount: 1.168292
Amount Units: ug/l

Processing Integration Results



RT: 3.44
Area: 1695
Amount: 0.959884
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:00:16

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

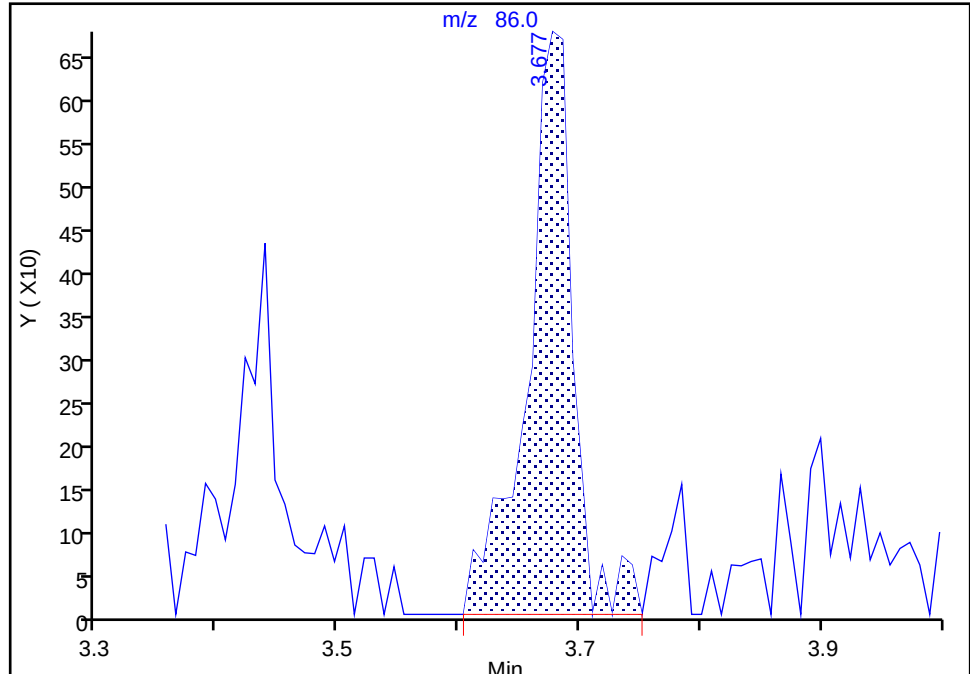
Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Signal: 1

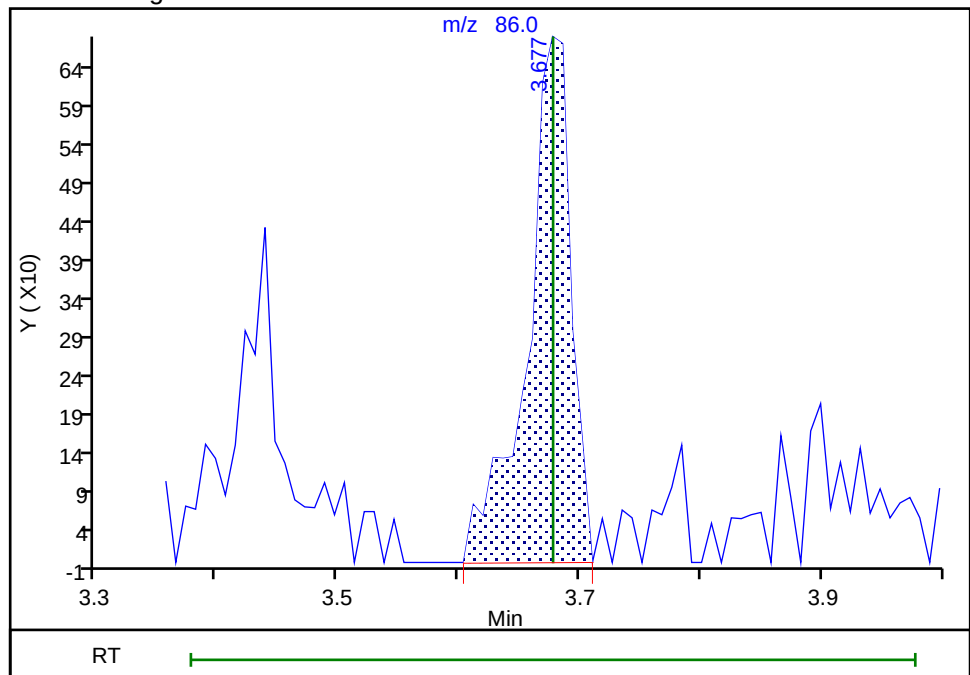
RT: 3.68
Area: 1784
Amount: 3.566659
Amount Units: ug/l

Processing Integration Results



RT: 3.68
Area: 1698
Amount: 2.866318
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:21:39

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

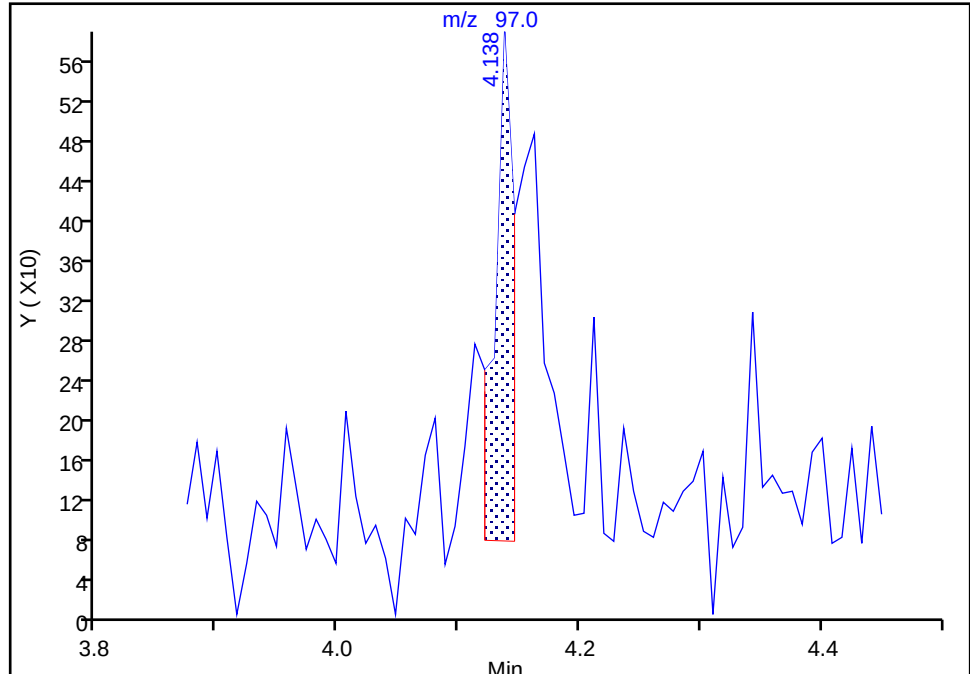
MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

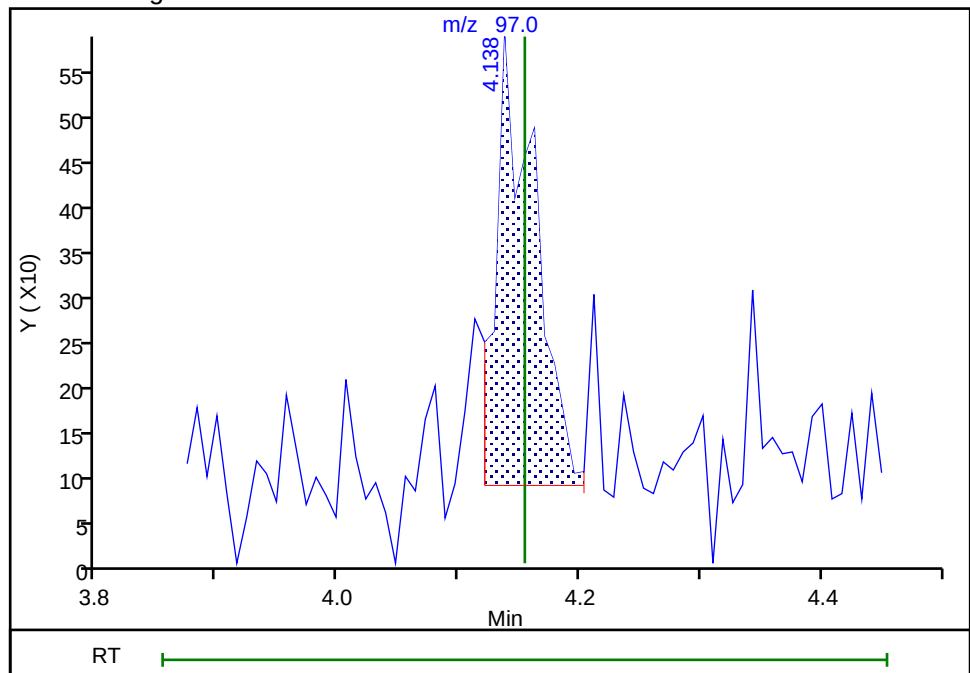
RT: 4.14
Area: 586
Amount: 0.694876
Amount Units: ug/l

Processing Integration Results



RT: 4.14
Area: 1132
Amount: 1.197690
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:52:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

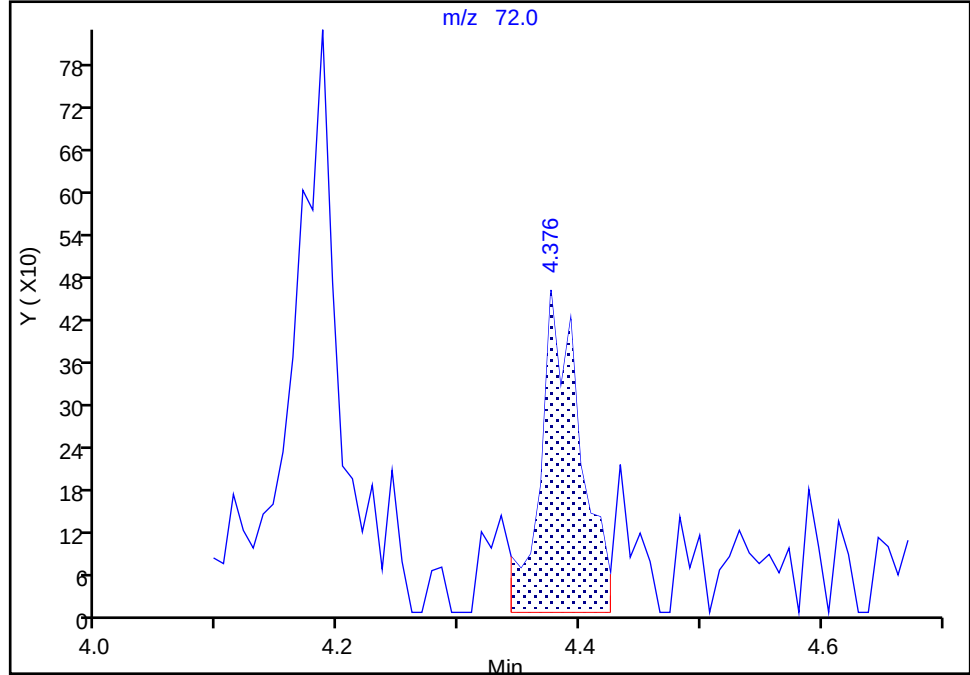
Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

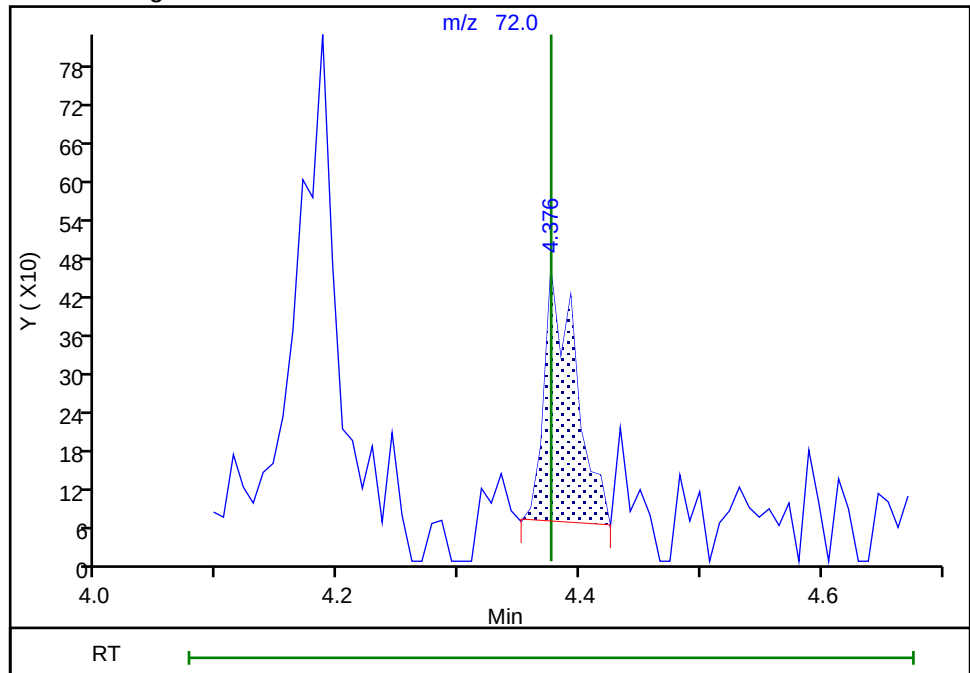
RT: 4.38
Area: 1050
Amount: 3.122768
Amount Units: ug/l

Processing Integration Results



RT: 4.38
Area: 708
Amount: 1.997999
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:22:04

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

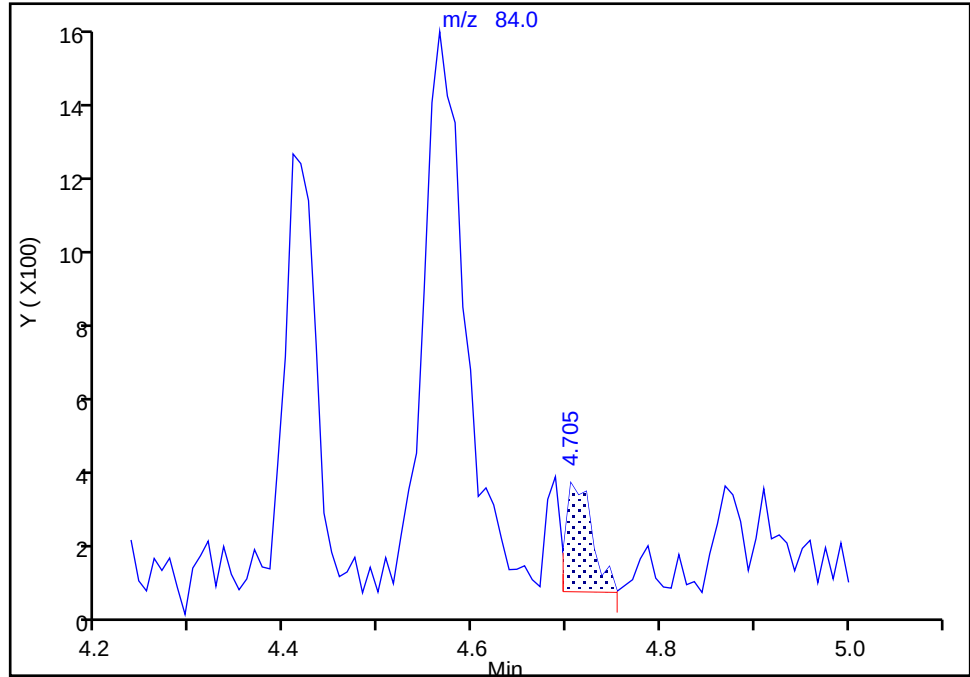
MS SCAN

49 Cyclohexane, CAS: 110-82-7

Signal: 1

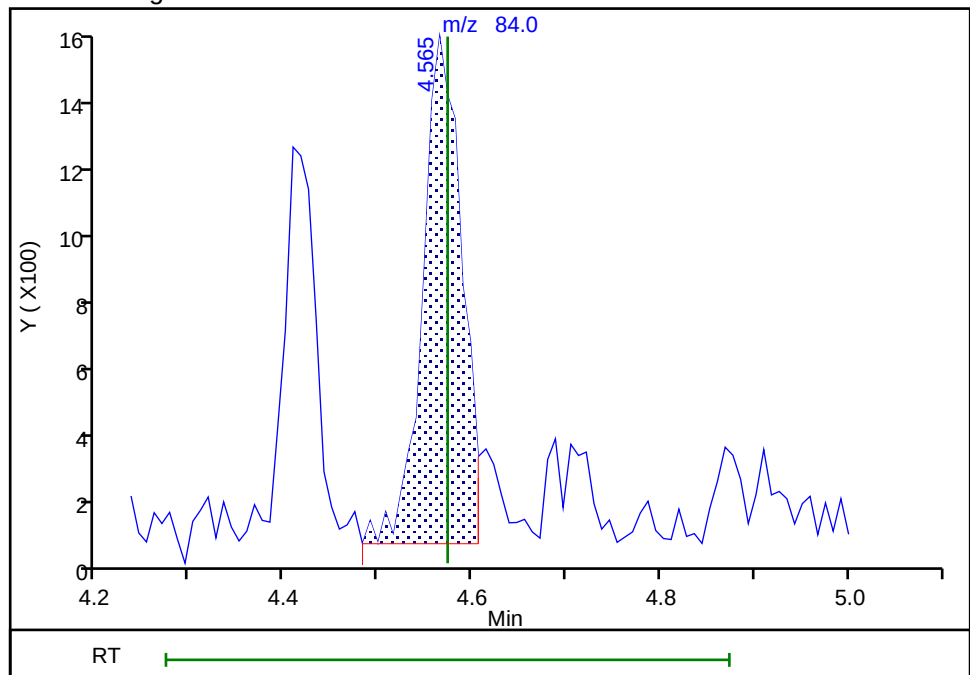
RT: 4.70
Area: 551
Amount: 0.129404
Amount Units: ug/l

Processing Integration Results



RT: 4.56
Area: 4217
Amount: 0.973999
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:53:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

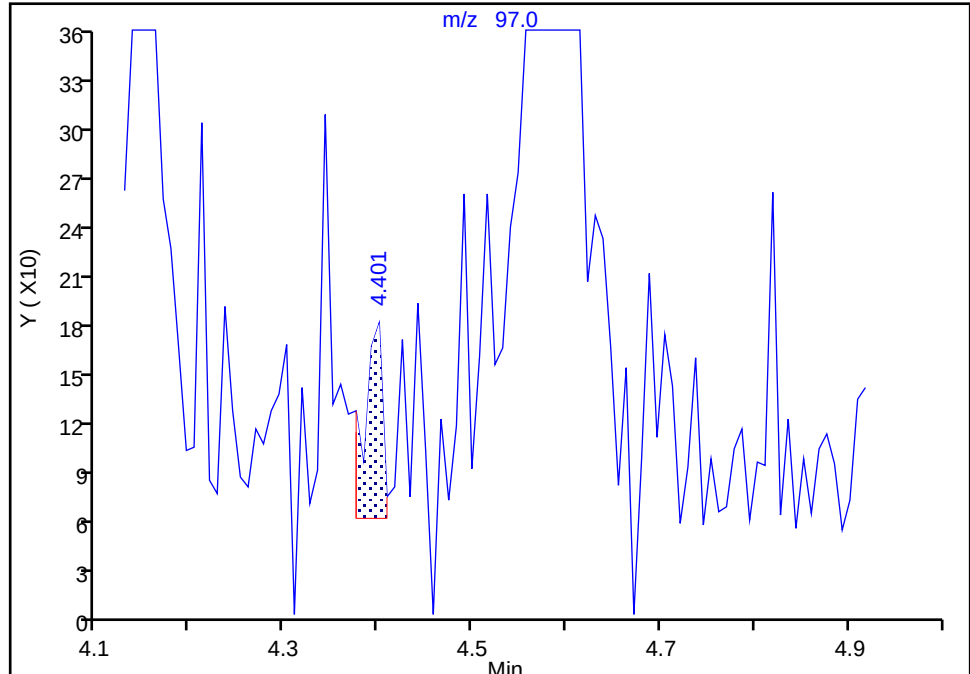
Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

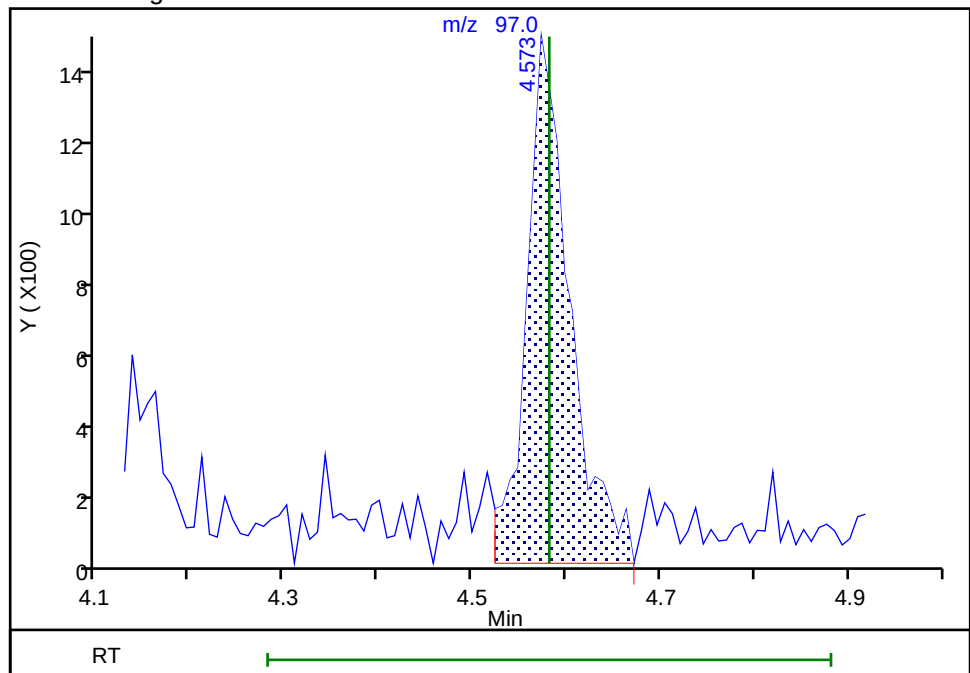
RT: 4.40
Area: 164
Amount: 0.040350
Amount Units: ug/l

Processing Integration Results



RT: 4.57
Area: 4722
Amount: 1.125182
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:53:22

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

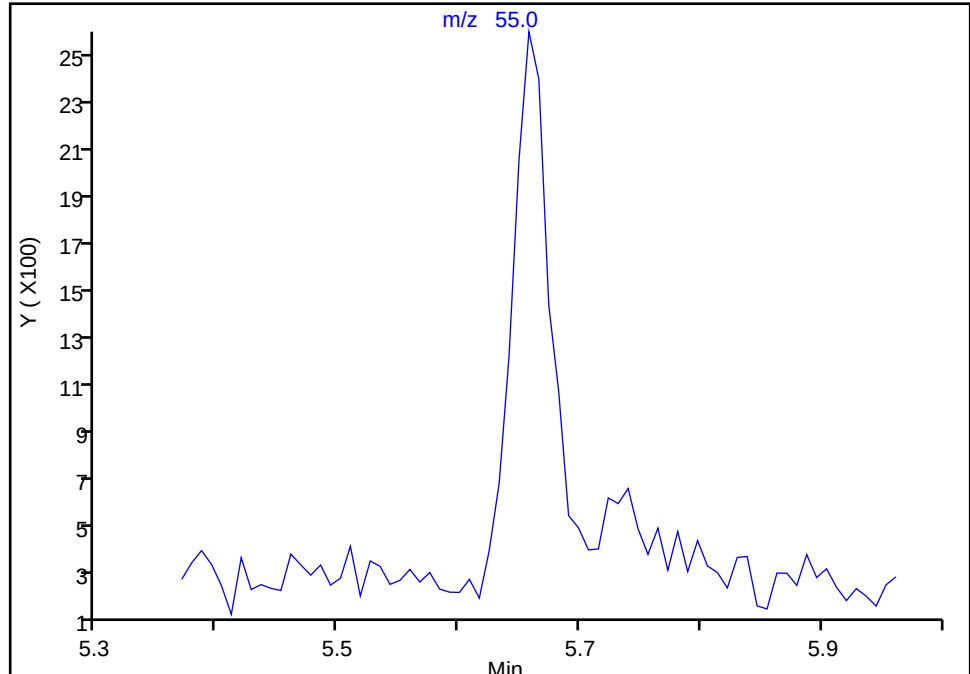
64 Ethyl acrylate, CAS: 140-88-5

Signal: 1

Not Detected

Expected RT: 5.66

Processing Integration Results



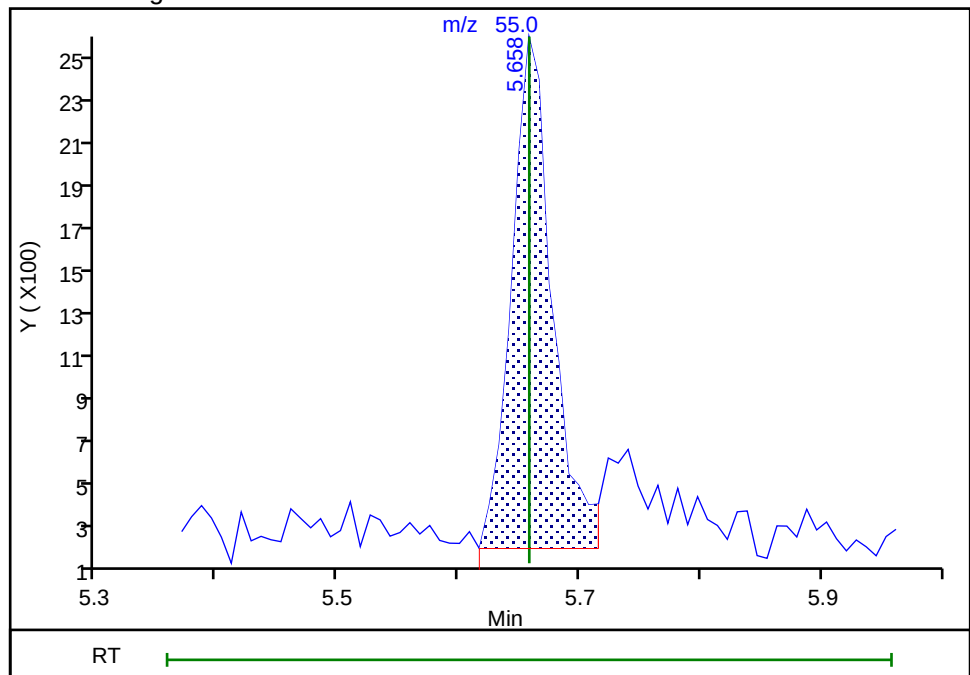
RT: 5.66

Area: 5591

Amount: 0.963990

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:53:40

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

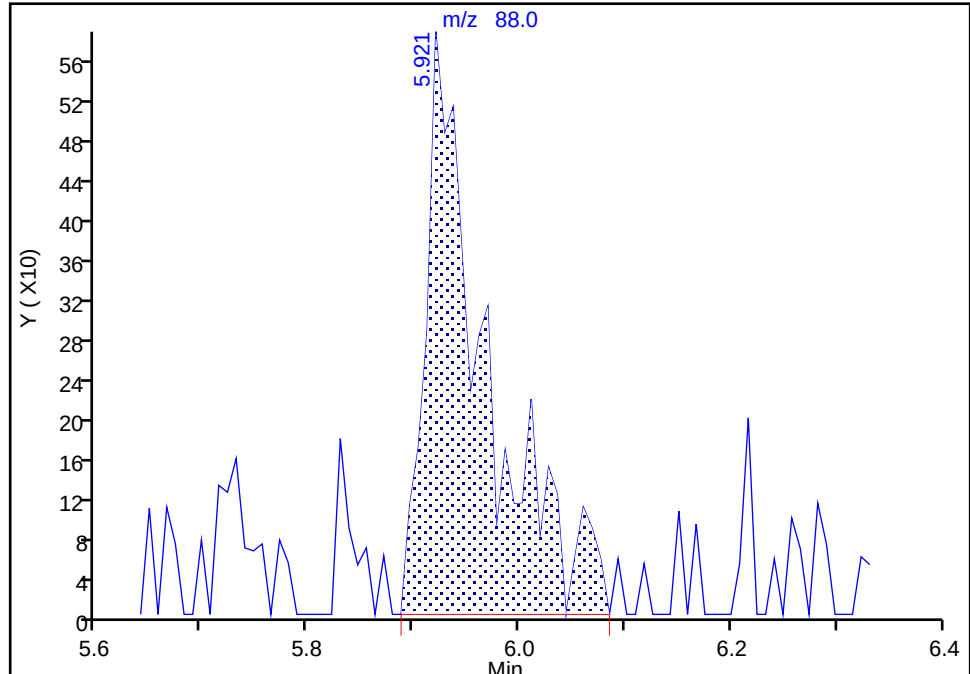
Detector: MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

Signal: 1

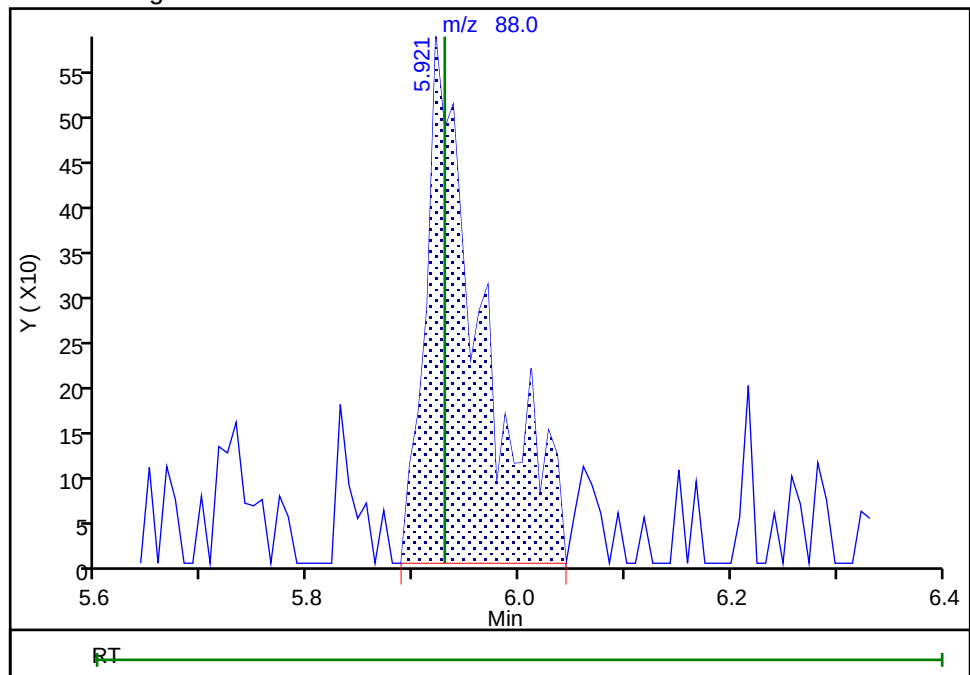
RT: 5.92
Area: 2301
Amount: 67.379919
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 2149
Amount: 59.671611
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:01:08

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

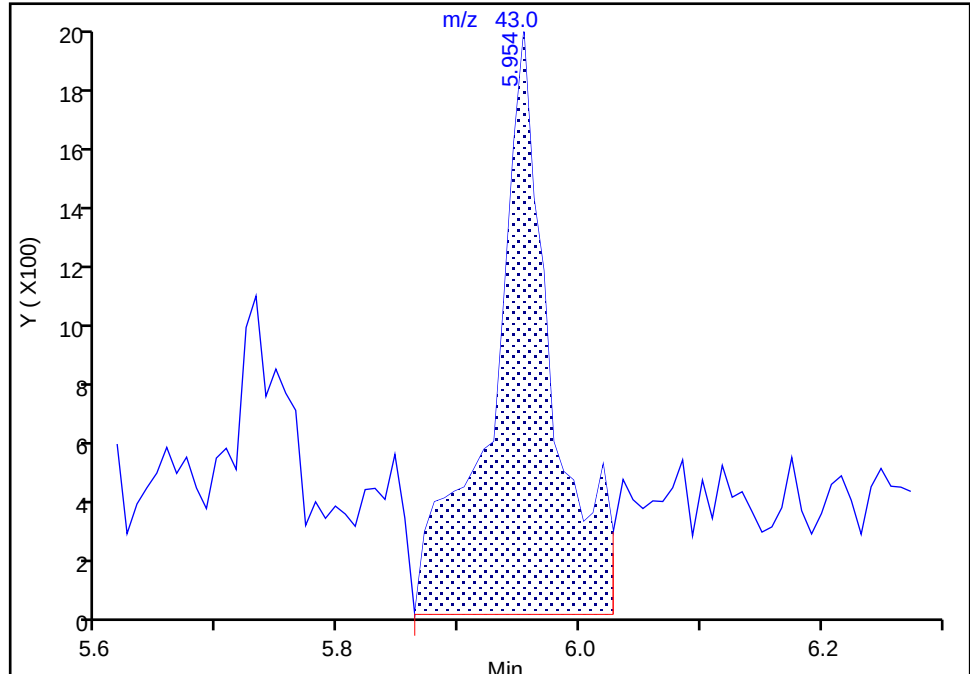
Detector: MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Signal: 1

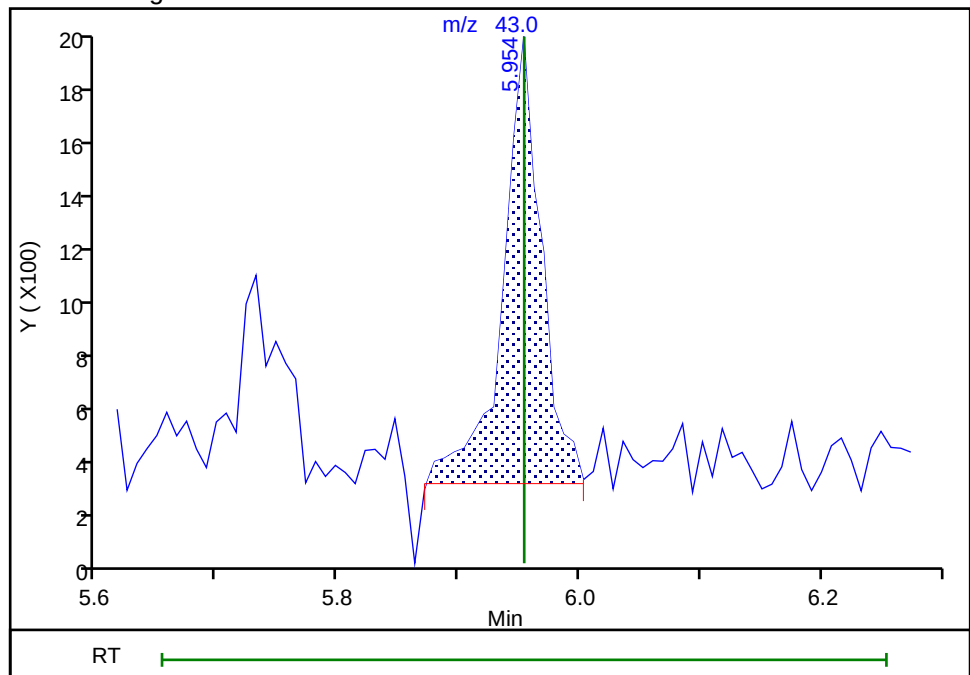
RT: 5.95
Area: 6532
Amount: 2.276677
Amount Units: ug/l

Processing Integration Results



RT: 5.95
Area: 3581
Amount: 1.196982
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:54:10

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

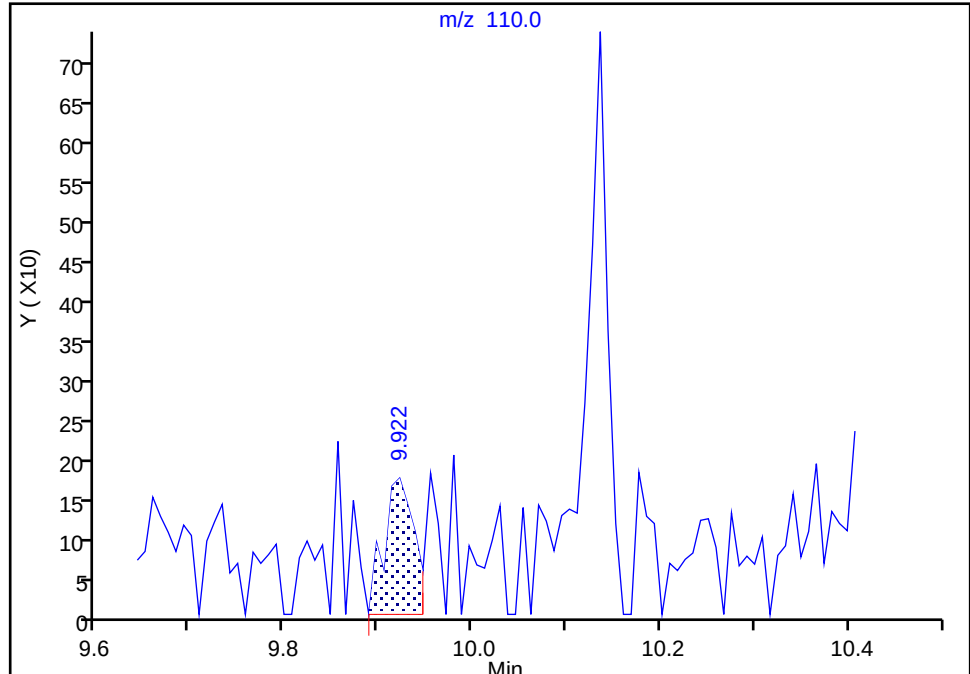
Detector: MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

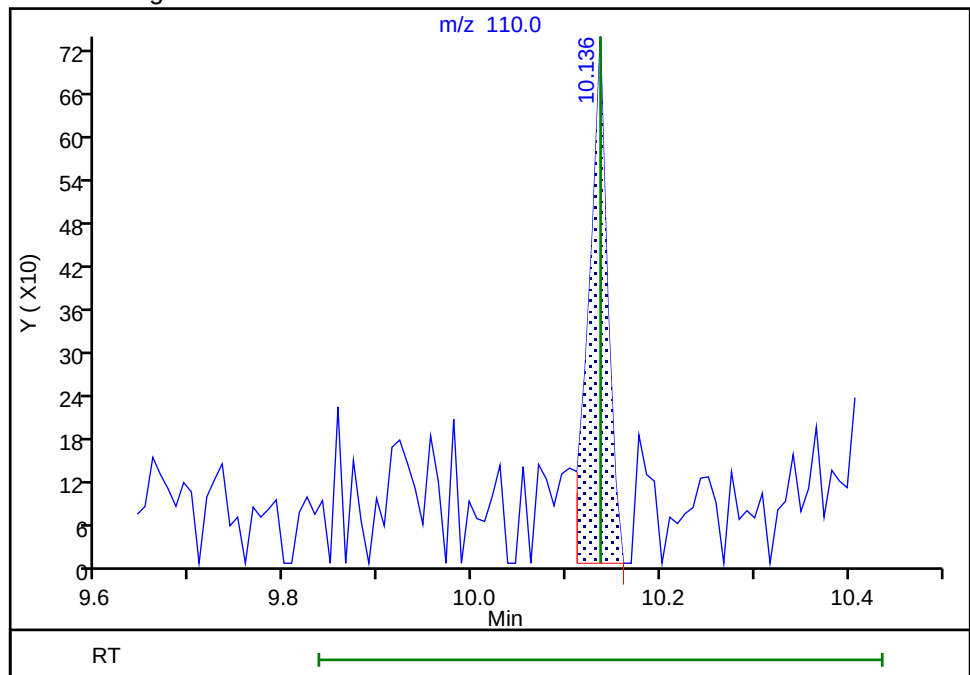
RT: 9.92
Area: 380
Amount: 0.383855
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 1014
Amount: 1.012140
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:54:46

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

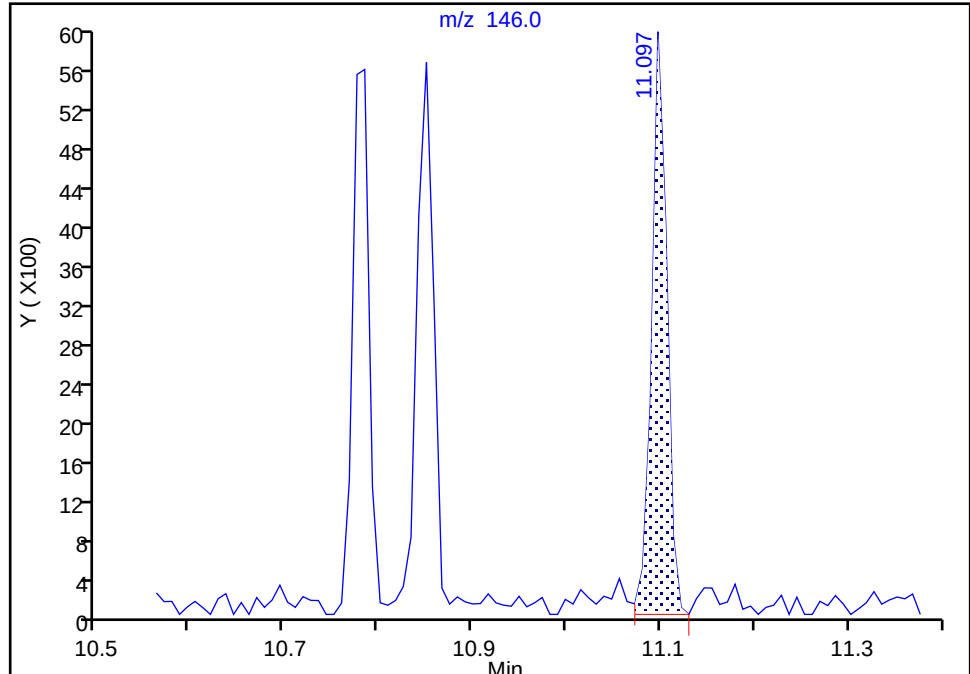
MS SCAN

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

Signal: 1

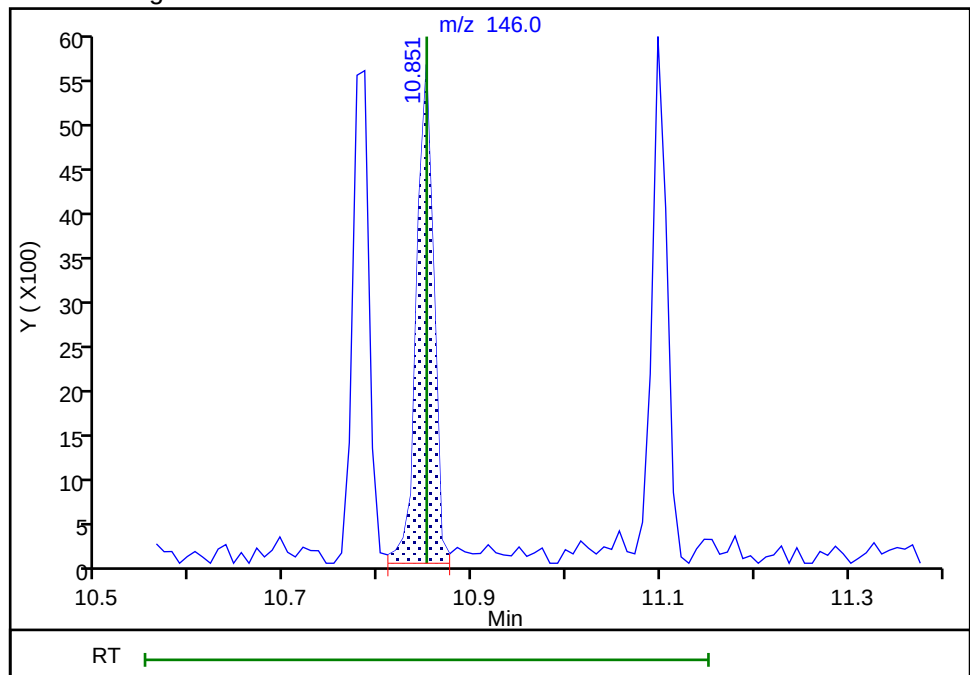
RT: 11.10
Area: 6710
Amount: 1.021420
Amount Units: ug/l

Processing Integration Results



RT: 10.85
Area: 7193
Amount: 1.069809
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:54:59

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

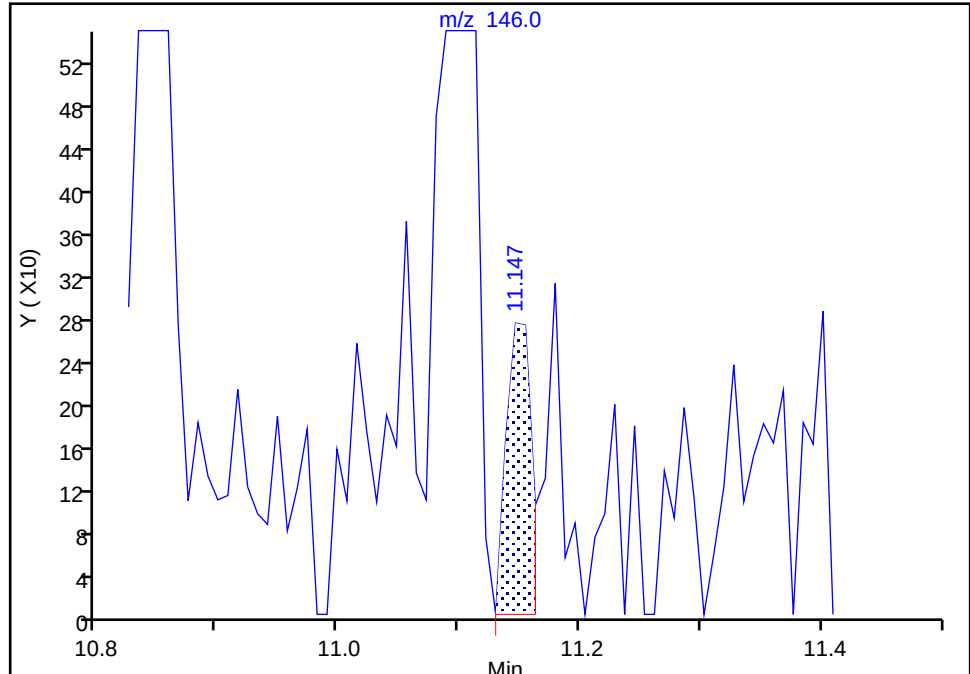
MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

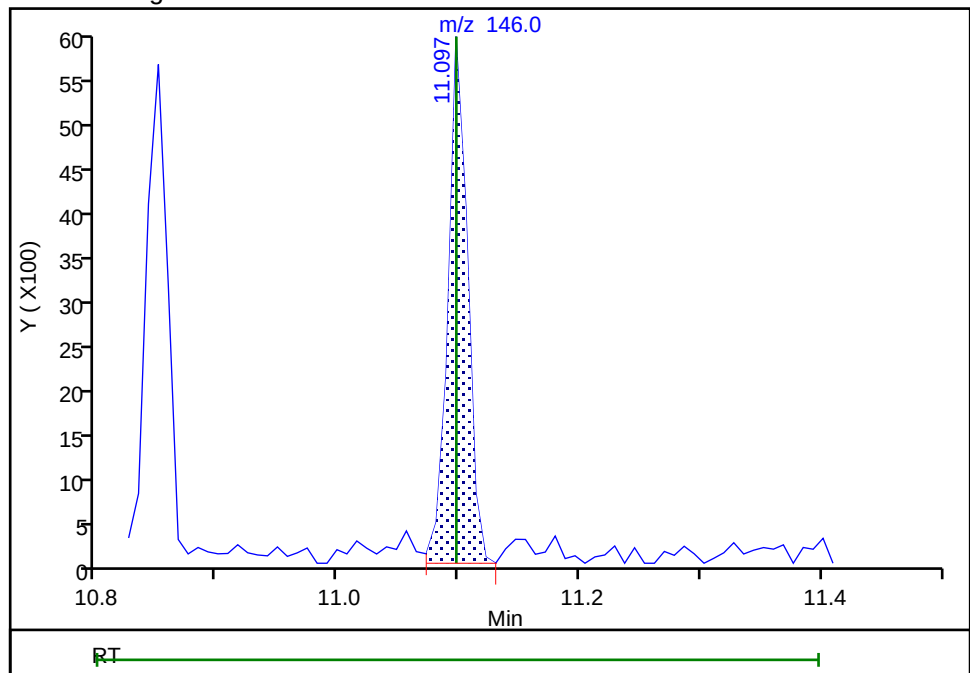
RT: 11.15
Area: 398
Amount: 0.062365
Amount Units: ug/l

Processing Integration Results



RT: 11.10
Area: 6710
Amount: 1.004158
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:55:30

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08550.D

Injection Date: 09-Dec-2020 14:27:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

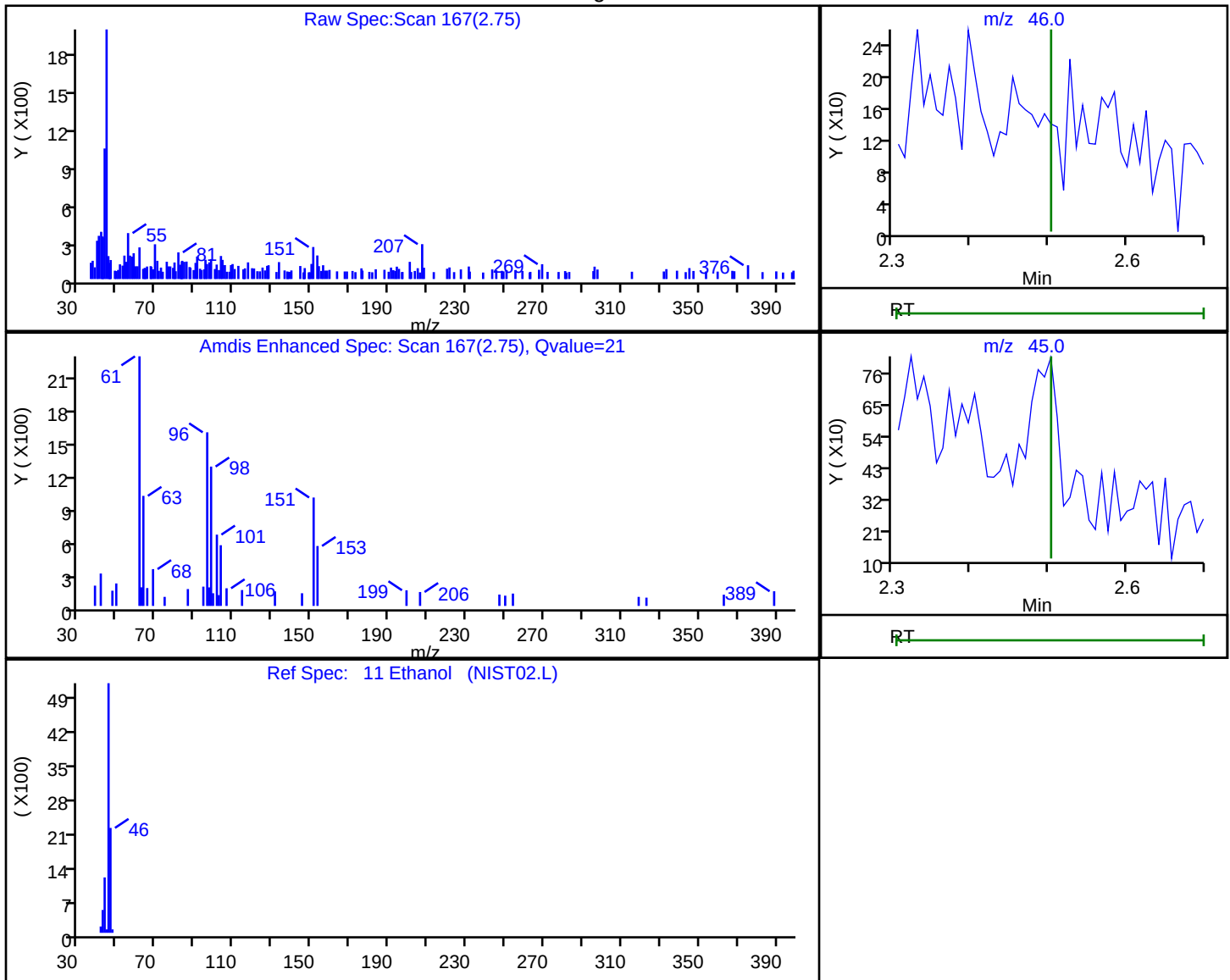
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.75	46.00	568	38.585423
2.72	45.00	809	

Reviewer: baronm, 09-Dec-2020 18:29:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-Dec-2020 15:17:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0121321-006
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:06:58 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 16:46:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.566	-0.008	84	18985	5.00	4.93	
2 Chloromethane	50	1.722	1.730	-0.008	99	21291	5.00	5.05	
3 Butadiene	54	1.796	1.812	-0.016	80	19019	5.00	5.00	
4 Vinyl chloride	62	1.796	1.812	-0.016	98	22970	5.00	5.25	
5 Bromomethane	94	2.067	2.084	-0.017	98	19199	5.00	4.72	
6 Chloroethane	64	2.125	2.141	-0.016	98	14678	5.00	4.78	
7 Dichlorofluoromethane	67	2.281	2.297	-0.016	96	32855	NC	NC	
8 Trichlorofluoromethane	101	2.281	2.306	-0.025	78	31785	5.00	5.15	
9 Pentane	72	2.314	2.322	-0.008	96	7208	10.0	10.2	
11 Ethanol	46	2.445	2.503	-0.058	59	3202	200.0	224.5	Ma
10 Ethyl ether	59	2.486	2.503	-0.017	92	10740	5.00	5.40	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	96	11252	5.00	5.43	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.544	2.560	-0.016	85	12626	NC	NC	a
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.609	2.618	-0.009	91	16599	NC	NC	M
15 Acrolein	56	2.651	2.667	-0.016	56	5618	20.0	19.2	
16 112TCTFE	101	2.667	2.683	-0.016	90	16862	5.00	5.97	M
17 1,1-Dichloroethene	96	2.692	2.700	-0.008	98	13695	5.00	5.76	
18 Acetone	43	2.766	2.774	-0.008	77	23240	25.0	31.6	
19 Iodomethane	142	2.848	2.856	-0.008	98	26708	5.00	5.50	
20 Isopropyl alcohol	45	2.848	2.856	-0.008	37	9102	50.0	56.4	
21 Carbon disulfide	76	2.872	2.889	-0.017	100	45562	5.00	5.36	
22 3-Chloro-1-propene	41	2.979	2.996	-0.017	83	20399	5.00	5.29	
23 Methyl acetate	43	2.987	3.004	-0.017	97	18870	10.0	11.4	M
24 Cyclopentene	67	3.004	3.020	-0.016	89	35276	NC	NC	
25 Acetonitrile	41	3.045	3.053	-0.008	95	22322	50.0	57.6	a
* 27 TBA-d9 (IS)	65	3.102	3.103	-0.001	0	333774	1000.0	1000.0	
26 Methylene Chloride	84	3.111	3.119	-0.008	40	15215	5.00	5.24	
28 2-Methyl-2-propanol	59	3.168	3.176	-0.008	98	16126	50.0	54.2	a
29 Methyl tert-butyl ether	73	3.267	3.275	-0.008	96	42071	5.00	5.68	
30 trans-1,2-Dichloroethene	96	3.275	3.292	-0.017	92	13594	5.00	5.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.349	3.349	0.000	95	52591	50.0	51.3	
32 Hexane	43	3.431	3.439	-0.008	93	8950	5.00	5.04	
33 Isopropyl ether	45	3.637	3.637	0.000	92	35108	5.00	5.45	
34 1,1-Dichloroethane	63	3.661	3.670	-0.009	72	22436	5.00	5.44	
35 Vinyl acetate	86	3.669	3.678	-0.009	96	4415	10.0	7.40	
36 2-Chloro-1,3-butadiene	88	3.702	3.711	-0.009	93	11577	NC	NC	
37 Tert-butyl ethyl ether	59	3.941	3.949	-0.008	90	38395	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	276096	250.0	250.0	
39 2,2-Dichloropropane	97	4.146	4.154	-0.008	81	4334	5.00	4.56	
40 cis-1,2-Dichloroethene	96	4.162	4.163	-0.001	98	14287	5.00	5.19	
42 2-Butanone (MEK)	72	4.171	4.179	-0.008	99	8557	25.0	26.9	
41 Ethyl acetate	70	4.187	4.179	0.008	93	2785	10.0	10.9	
43 Methyl acrylate	55	4.228	4.236	-0.008	55	11833	NC	NC	
44 Propionitrile	54	4.302	4.310	-0.008	98	20849	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	75	4099	10.0	11.6	M
45 Chlorobromomethane	128	4.376	4.384	-0.008	81	8528	5.00	5.38	
47 Methacrylonitrile	67	4.401	4.409	-0.008	90	56010	NC	NC	
48 Chloroform	83	4.425	4.434	-0.009	83	21611	5.00	5.06	
49 Cyclohexane	84	4.573	4.573	0.000	34	24100	5.00	5.53	a
50 1,1,1-Trichloroethane	97	4.573	4.582	-0.009	40	21094	5.00	4.99	a
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.582	-0.001	98	132412	50.0	49.7	
52 Carbon tetrachloride	117	4.688	4.697	-0.009	97	19946	5.00	5.32	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	97	16536	5.00	5.15	
54 Isobutyl alcohol	43	4.836	4.836	0.000	93	14579	NC	NC	
55 Benzene	78	4.910	4.910	0.000	94	47767	5.00	5.27	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.918	0.000	0	138620	50.0	48.3	
57 Isopropyl acetate	43	4.968	4.968	0.000	62	30471	5.00	4.94	
58 Tert-amyl methyl ether	73	4.968	4.976	-0.008	94	42546	NC	NC	
59 1,2-Dichloroethane	62	4.992	5.001	-0.009	96	16447	5.00	5.32	
60 n-Heptane	57	5.058	5.066	-0.008	91	8700	5.00	5.19	
* 61 Fluorobenzene	96	5.190	5.190	0.000	99	521753	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	88	9993	125.0	134.6	
63 Trichloroethene	95	5.535	5.535	0.000	96	13084	5.00	5.48	
64 Ethyl acrylate	55	5.658	5.658	0.000	95	30101	5.00	5.16	
65 Methylcyclohexane	83	5.658	5.666	-0.008	85	24500	5.00	5.20	
66 1,2-Dichloropropane	63	5.814	5.822	-0.008	88	11828	5.00	5.38	
* 67 1,4-Dioxane-d8	96	5.872	5.863	0.009	0	34944	1000.0	1000.0	
68 Methyl methacrylate	100	5.888	5.896	-0.008	83	7974	10.0	11.0	
71 1,4-Dioxane	88	5.929	5.929	0.000	32	4416	100.0	116.7	
69 Dibromomethane	93	5.937	5.946	-0.009	82	9013	5.00	5.53	
70 n-Propyl acetate	43	5.946	5.954	-0.008	96	15992	5.00	5.31	
72 Dichlorobromomethane	83	6.085	6.094	-0.009	98	15604	5.00	5.21	
74 2-Nitropropane	41	6.422	6.422	0.000	84	7811	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.422	6.430	-0.008	68	7422	5.01	5.29	
75 Epichlorohydrin	57	6.529	6.537	-0.008	99	25663	100.0	99.5	
76 cis-1,3-Dichloropropene	75	6.586	6.587	0.000	93	19006	5.00	5.21	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	56769	25.0	26.8	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.825	0.008	99	465349	50.0	50.5	
79 Toluene	91	6.907	6.907	0.000	93	51655	5.00	5.31	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	96	17609	5.00	5.21	
81 Ethyl methacrylate	69	7.285	7.285	0.000	91	14220	NC	NC	
82 1,1,1,2-Trichloroethane	83	7.466	7.466	0.000	95	8947	5.00	5.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.507	7.507	0.000	95	15797	5.00	5.61	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	93	18419	5.00	5.42	
85 2-Hexanone	43	7.737	7.737	0.000	94	35608	25.0	26.3	
86 n-Butyl acetate	43	7.852	7.860	-0.008	96	16395	5.00	5.23	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	13236	5.00	5.47	
88 Ethylene Dibromide	107	8.049	8.057	-0.008	99	12603	5.00	5.65	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	84	393884	50.0	50.0	
90 Chlorobenzene	112	8.632	8.633	-0.001	95	33520	5.00	5.08	
91 Ethylbenzene	106	8.739	8.739	0.000	98	17518	5.00	4.83	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	15042	5.00	5.45	
93 m-Xylene & p-Xylene	106	8.904	8.904	0.000	0	23957	5.00	5.49	
94 n-Butyl acrylate	73	9.372	9.372	0.000	97	9292	5.00	5.09	
95 o-Xylene	106	9.380	9.380	0.000	94	23855	5.00	5.26	
96 Styrene	104	9.413	9.413	0.000	97	35872	5.00	5.00	
97 Amyl acetate (mixed isomers)	43	9.618	9.610	0.008	93	21363	5.00	4.96	
98 Bromoform	173	9.618	9.619	-0.001	66	10357	5.00	5.34	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	62277	5.00	5.14	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	95	167701	50.0	49.3	
101 Bromobenzene	156	10.054	10.054	0.000	89	16808	5.00	5.07	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	15978	5.00	5.18	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	72648	5.00	5.11	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	96	5380	5.00	5.36	
105 trans-1,4-Dichloro-2-butene	53	10.153	10.153	0.000	66	4347	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	48759	5.00	5.01	
107 4-Ethyltoluene	105	10.218	10.218	0.000	99	61507	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	96	54364	5.00	5.07	
109 4-Chlorotoluene	91	10.309	10.309	0.000	96	44240	5.00	5.03	
110 Butyl Methacrylate	87	10.366	10.358	0.008	87	15451	5.00	4.65	
111 tert-Butylbenzene	119	10.514	10.514	0.000	95	45460	5.00	4.91	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	97	56347	5.00	5.13	
113 sec-Butylbenzene	105	10.678	10.679	-0.001	99	71464	5.00	5.06	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	96	33960	5.00	5.06	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	63055	5.00	4.91	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	0.000	94	253104	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	95	35203	5.00	5.22	a
118 1,2,3-Trimethylbenzene	105	10.867	10.868	-0.001	98	61504	5.00	5.13	
119 Benzyl chloride	91	10.950	10.950	0.000	99	33451	5.00	4.85	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	60423	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	93	35483	NC	NC	
122 n-Butylbenzene	92	11.056	11.057	0.000	98	32425	5.00	5.11	
123 1,2-Dichlorobenzene	146	11.098	11.098	0.000	98	36207	5.00	5.41	a
124 1,2,4,5-Tetramethylbenzene	119	11.525	11.525	0.000	98	67403	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.599	11.591	0.008	95	5721	5.00	5.01	
126 1,3,5-Trichlorobenzene	180	11.681	11.673	0.008	98	31353	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.067	12.059	0.008	94	31962	5.00	5.34	
128 Hexachlorobutadiene	225	12.133	12.125	0.008	94	13355	5.00	5.38	
129 Naphthalene	128	12.231	12.223	0.008	99	81865	5.00	5.53	
130 1,2,3-Trichlorobenzene	180	12.388	12.379	0.009	96	30731	5.00	5.40	
S 131 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 132 Xylenes, Total	100				0		10.0	10.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00397	Amount Added: 10.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
524freon_00030	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

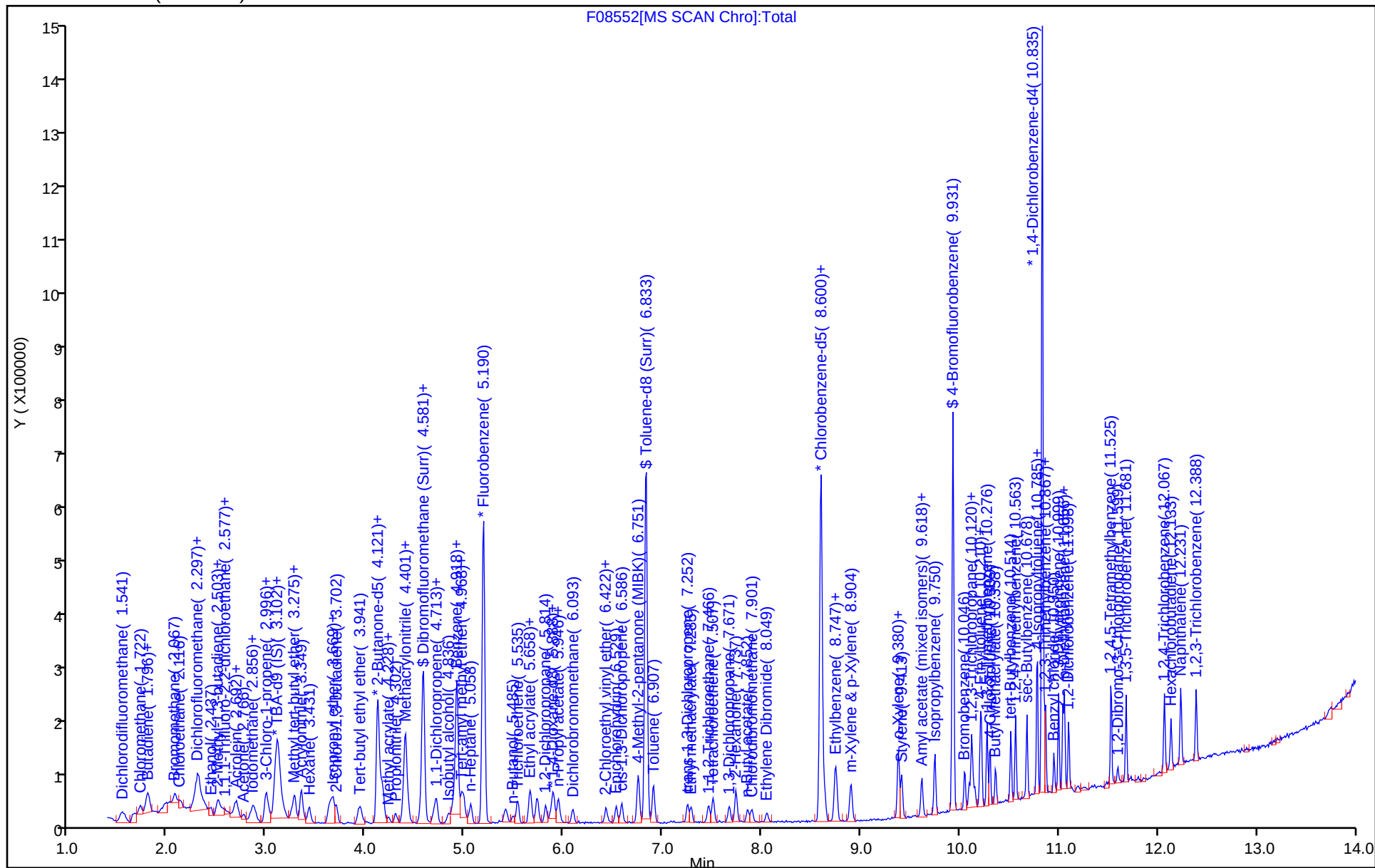
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

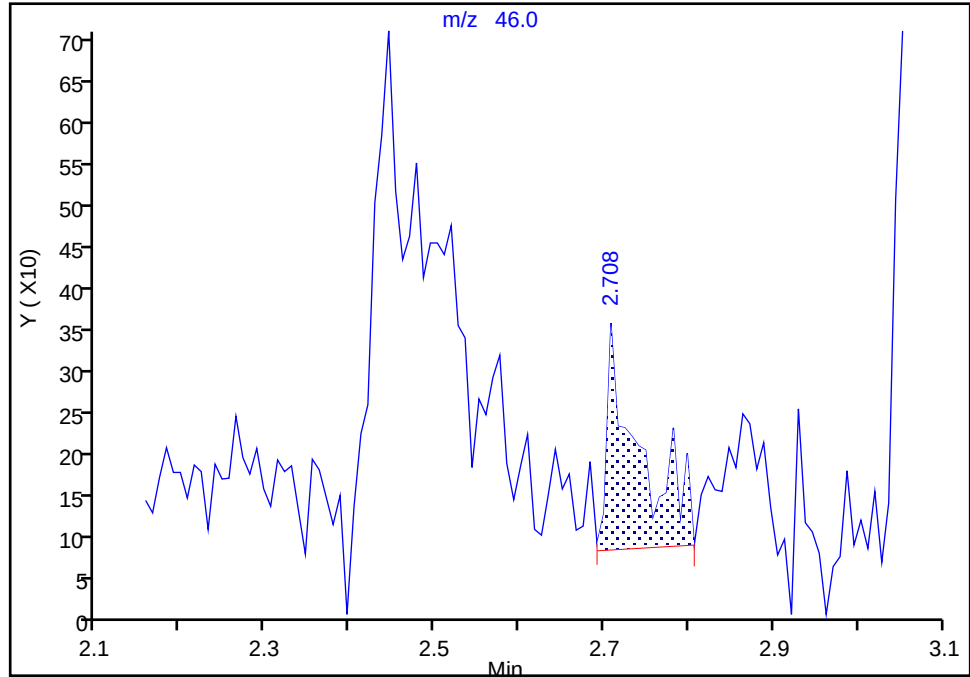
Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

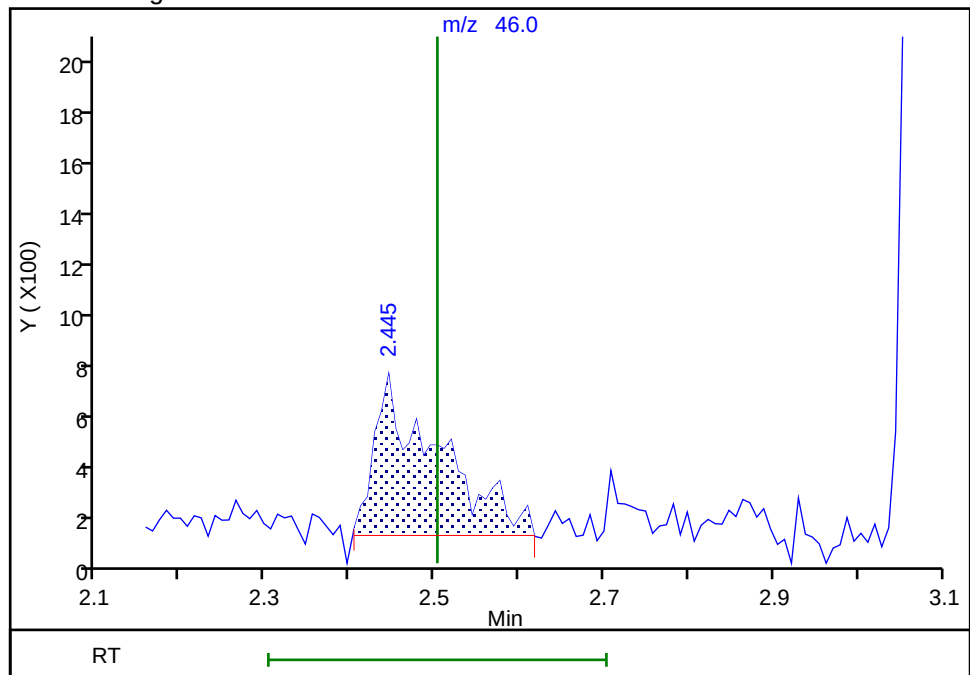
RT: 2.71
Area: 712
Amount: 64.647406
Amount Units: ug/l

Processing Integration Results



RT: 2.45
Area: 3202
Amount: 224.4792
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:26:29

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

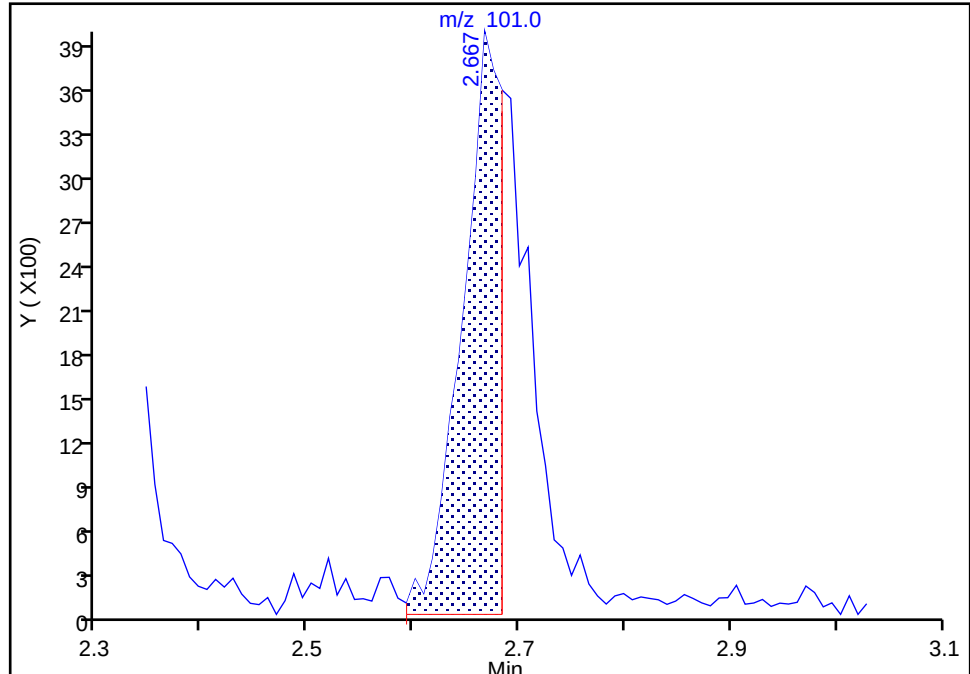
Detector: MS SCAN

16 112TCTFE, CAS: 76-13-1

Signal: 1

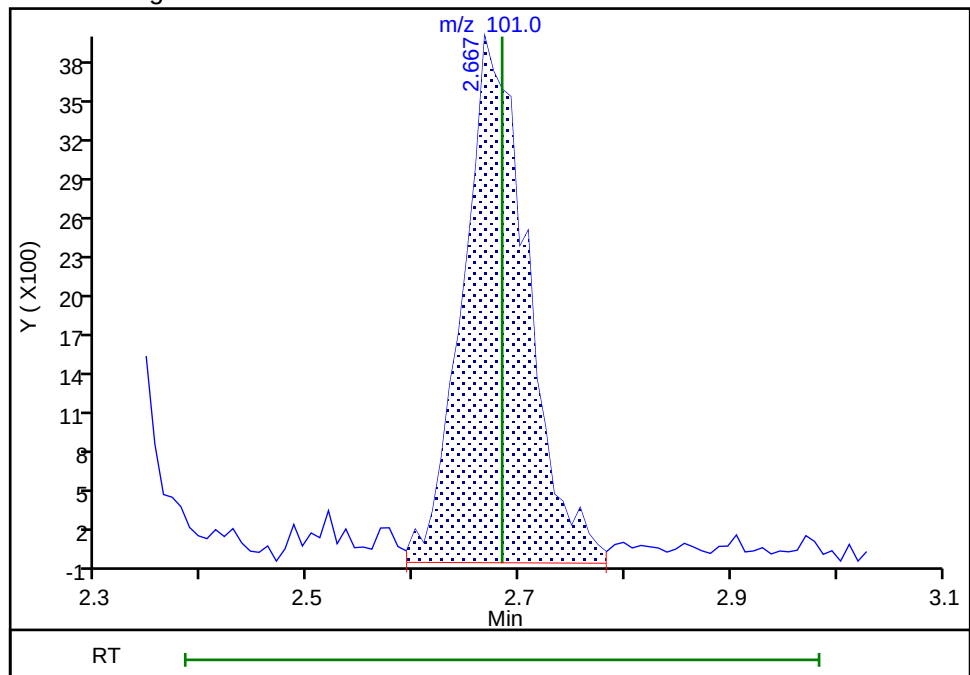
RT: 2.67
Area: 10425
Amount: 4.054986
Amount Units: ug/l

Processing Integration Results



RT: 2.67
Area: 16862
Amount: 5.966329
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:45:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

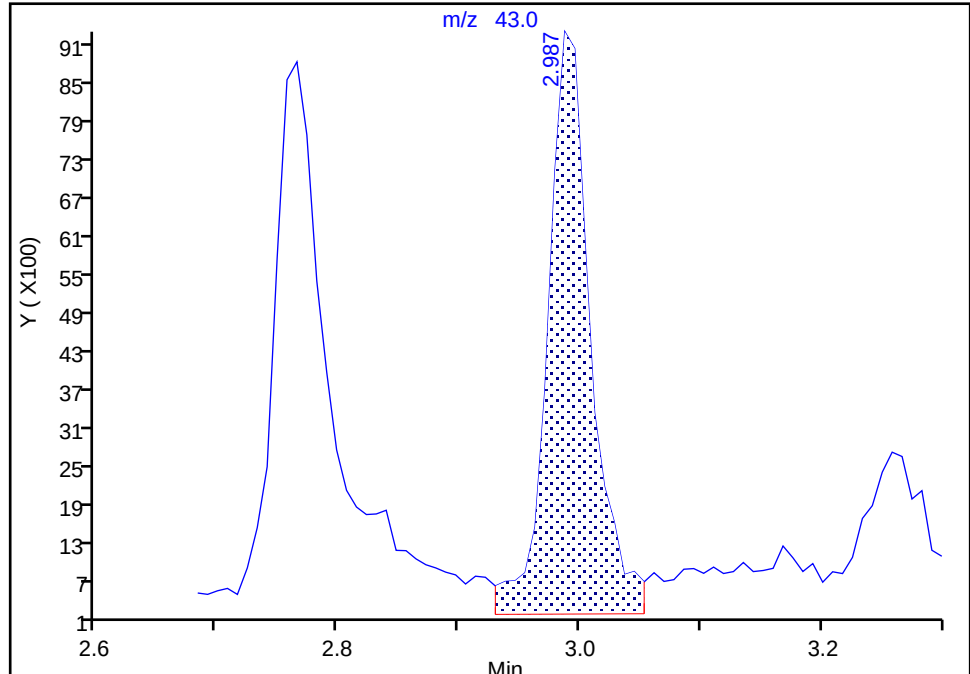
Detector: MS SCAN

23 Methyl acetate, CAS: 79-20-9

Signal: 1

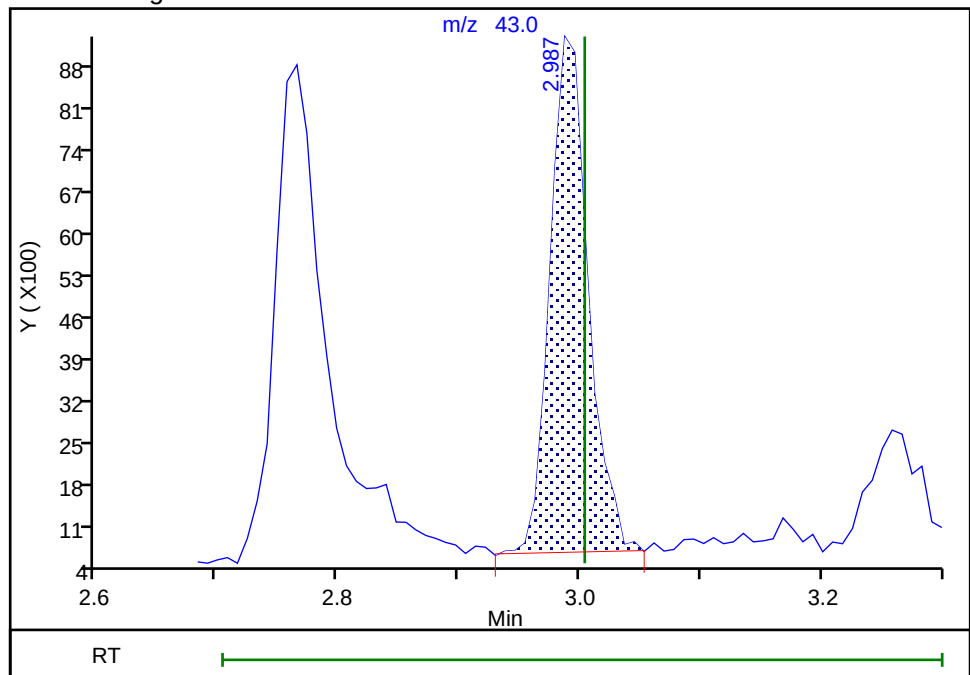
RT: 2.99
Area: 22744
Amount: 13.202629
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 18870
Amount: 11.380355
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:46:13

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

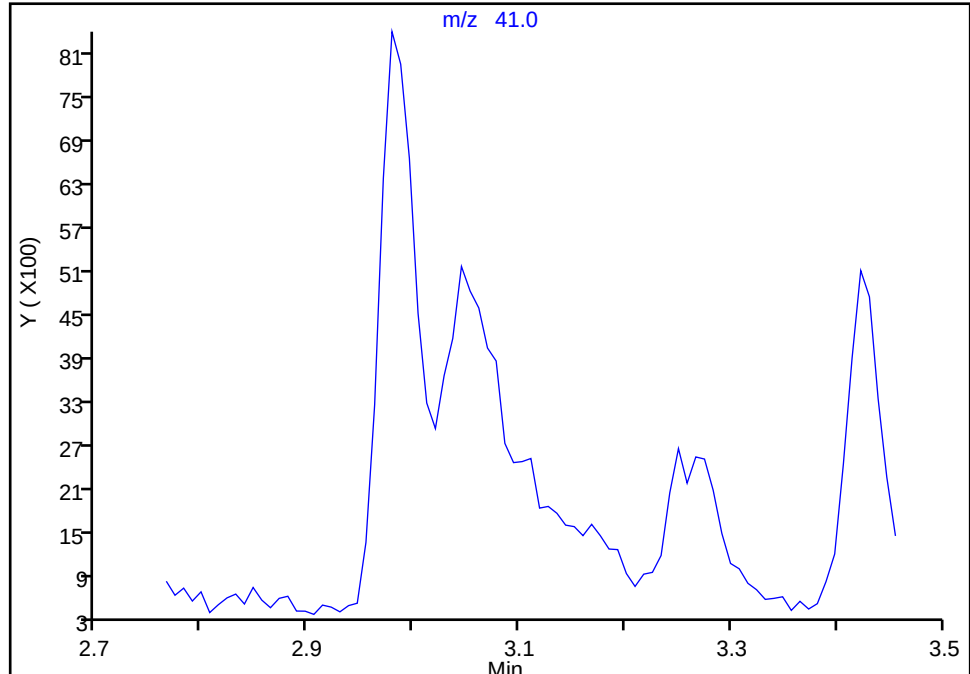
25 Acetonitrile, CAS: 75-05-8

Signal: 1

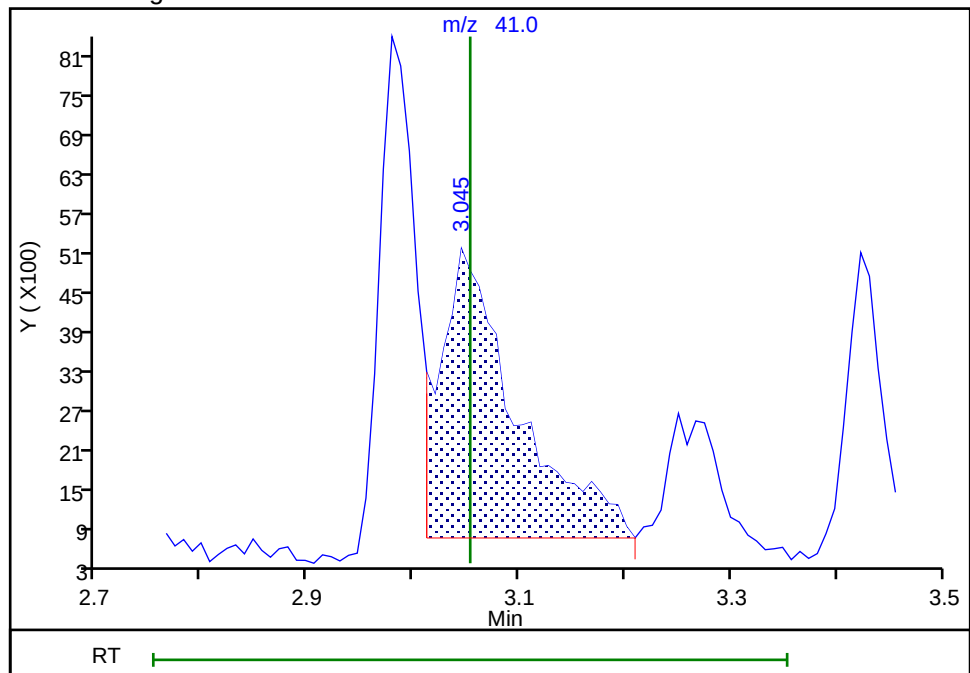
Not Detected

Expected RT: 3.05

Processing Integration Results



Manual Integration Results



RT: 3.04
Area: 22322
Amount: 57.553952
Amount Units: ug/l

Reviewer: baronm, 09-Dec-2020 16:45:26

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

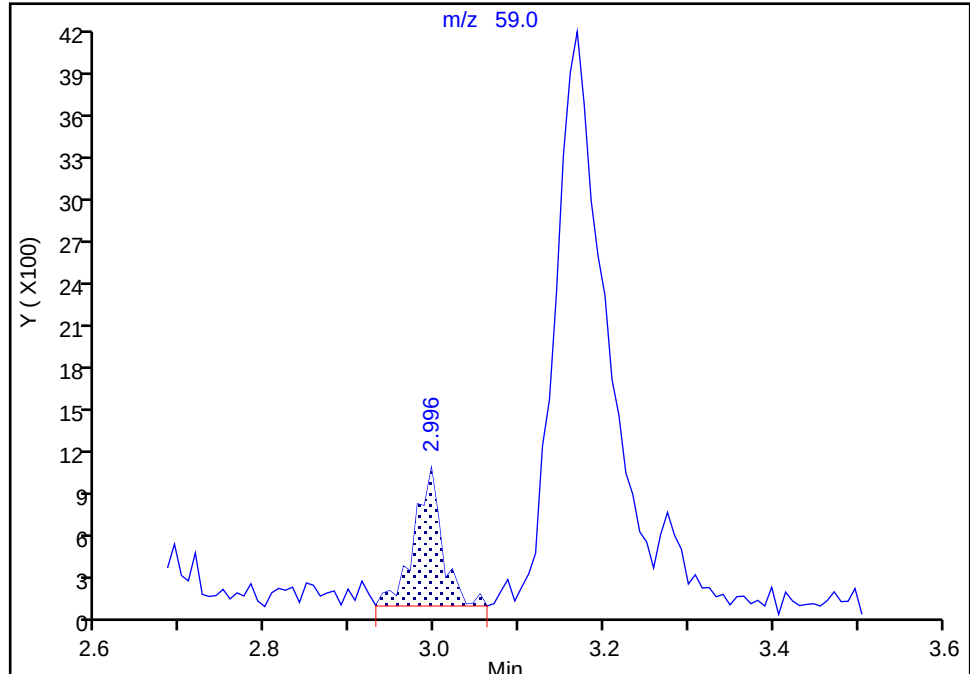
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

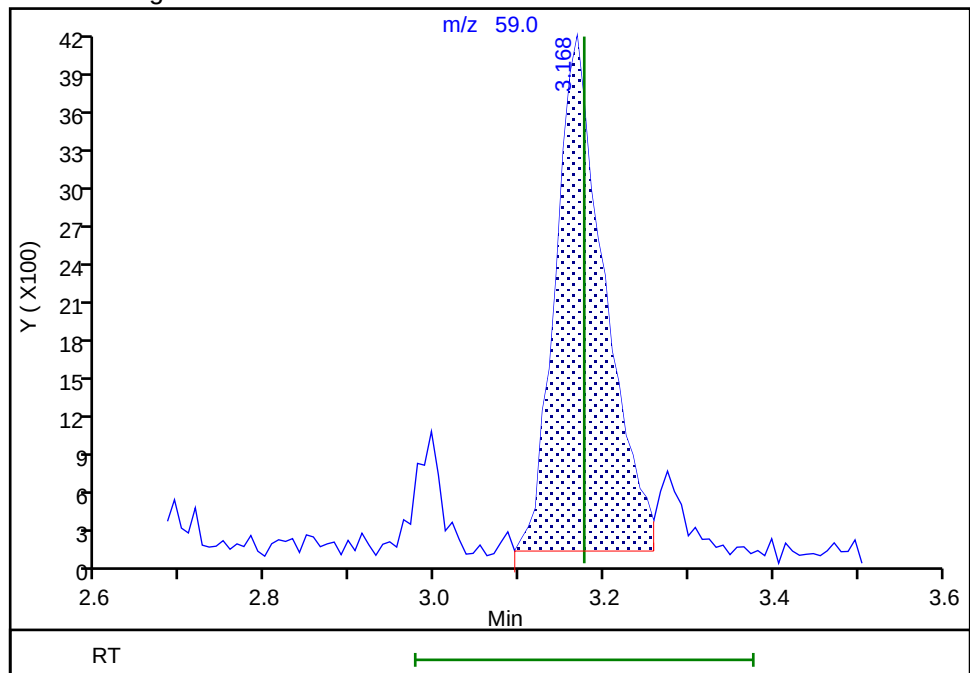
RT: 3.00
Area: 2223
Amount: 28.652954
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 16126
Amount: 54.216682
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:45:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

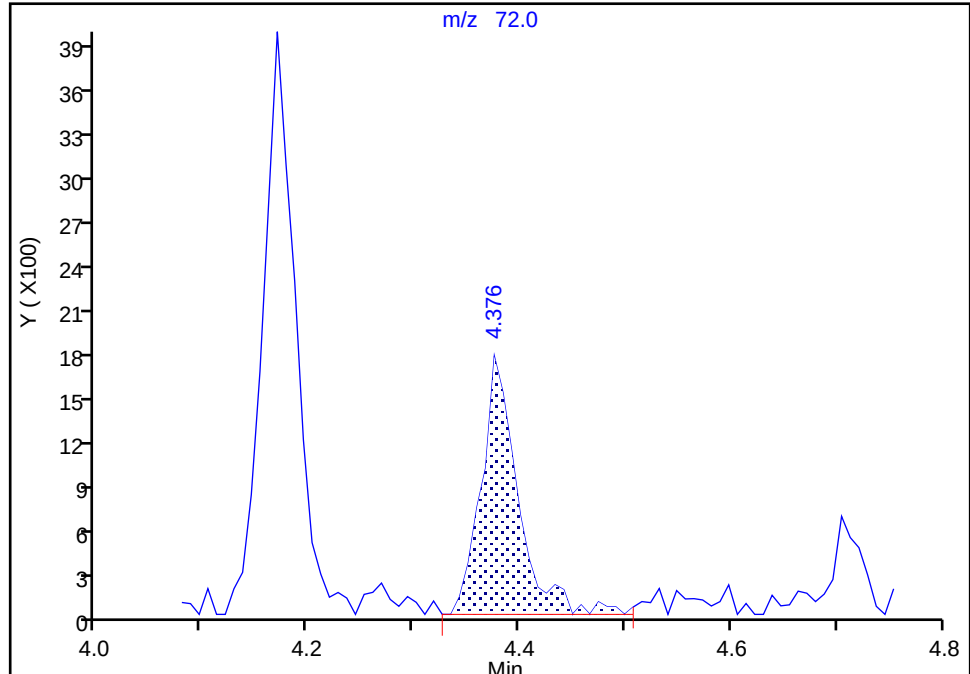
Detector: MS SCAN

46 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

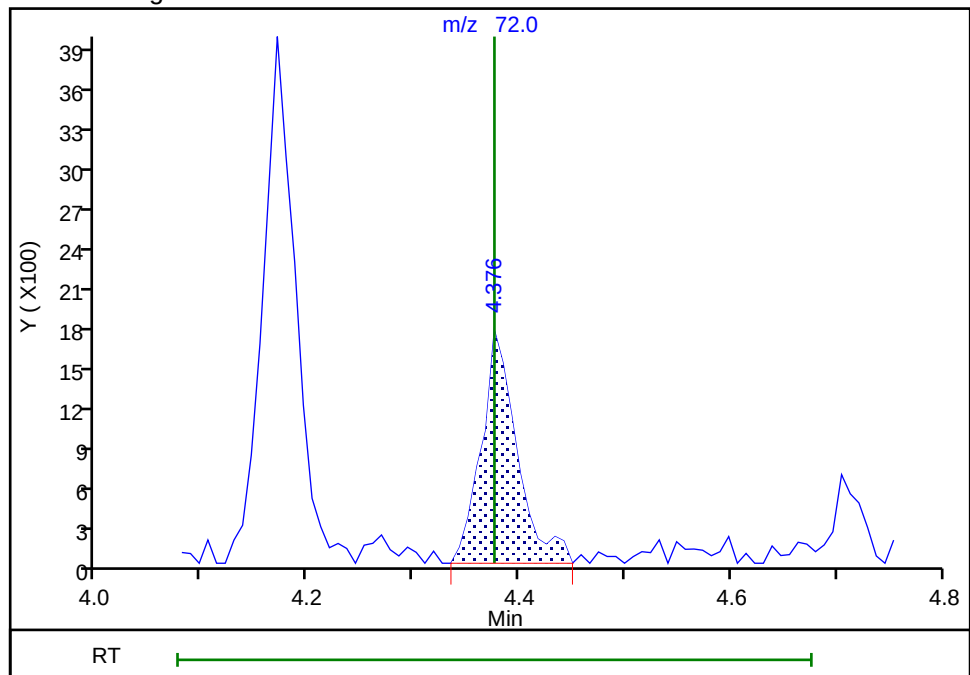
RT: 4.38
Area: 4247
Amount: 11.931688
Amount Units: ug/l

Processing Integration Results



RT: 4.38
Area: 4099
Amount: 11.596253
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:26:58

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

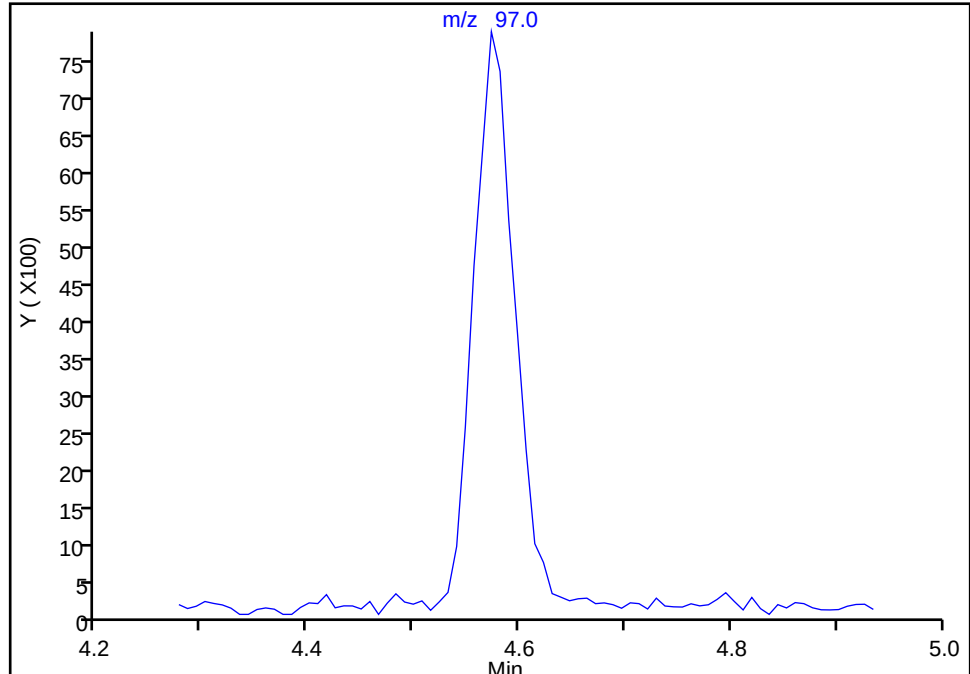
50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

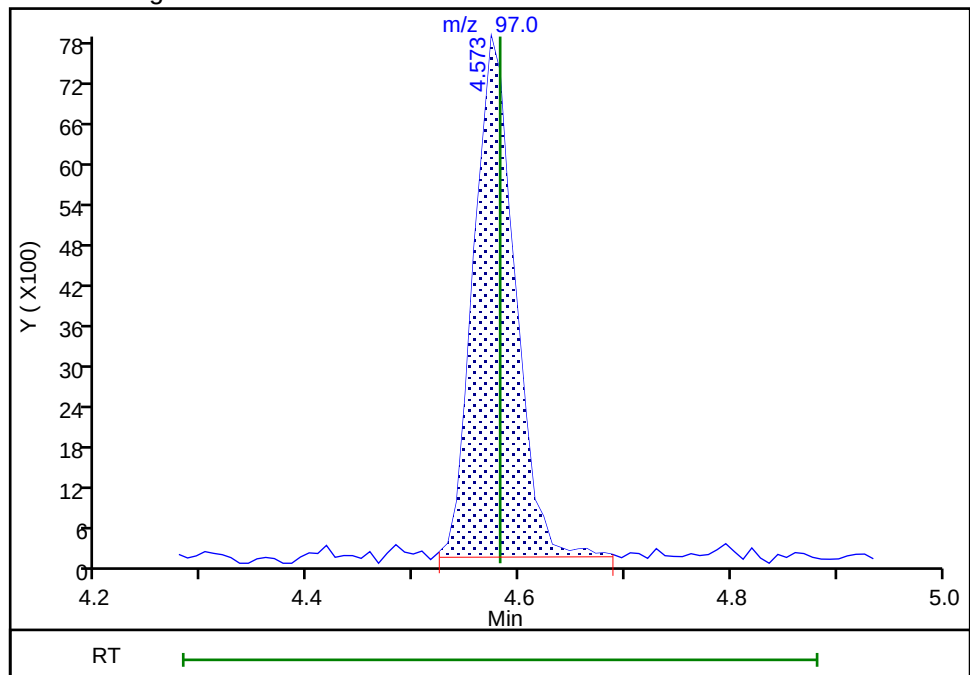
Not Detected

Expected RT: 4.58

Processing Integration Results



Manual Integration Results



RT: 4.57

Area: 21094

Amount: 4.993708

Amount Units: ug/l

Reviewer: baronm, 09-Dec-2020 16:45:54

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

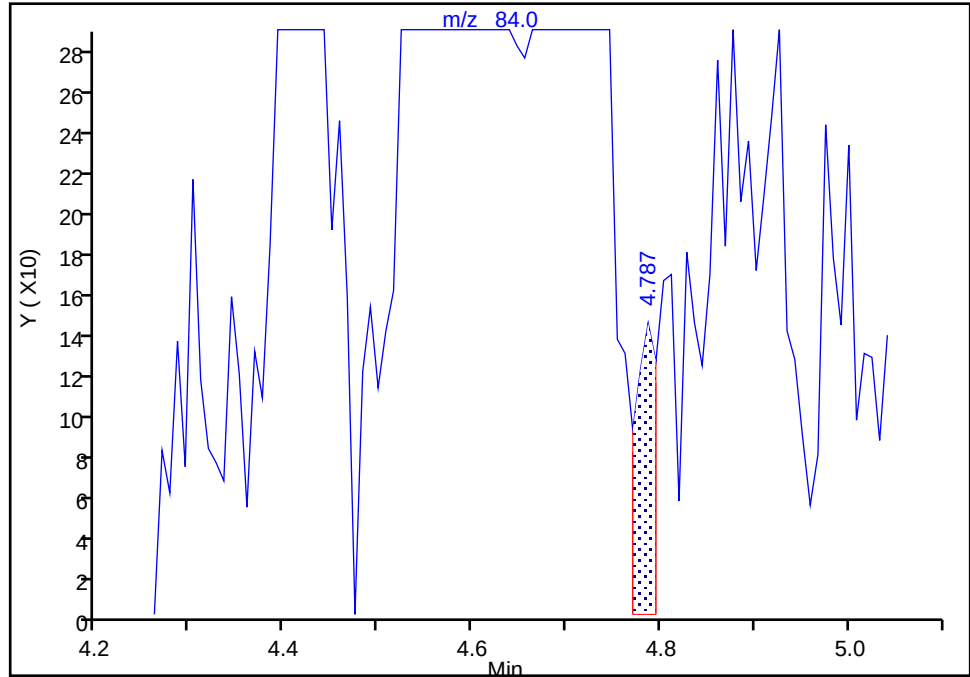
Detector: MS SCAN

49 Cyclohexane, CAS: 110-82-7

Signal: 1

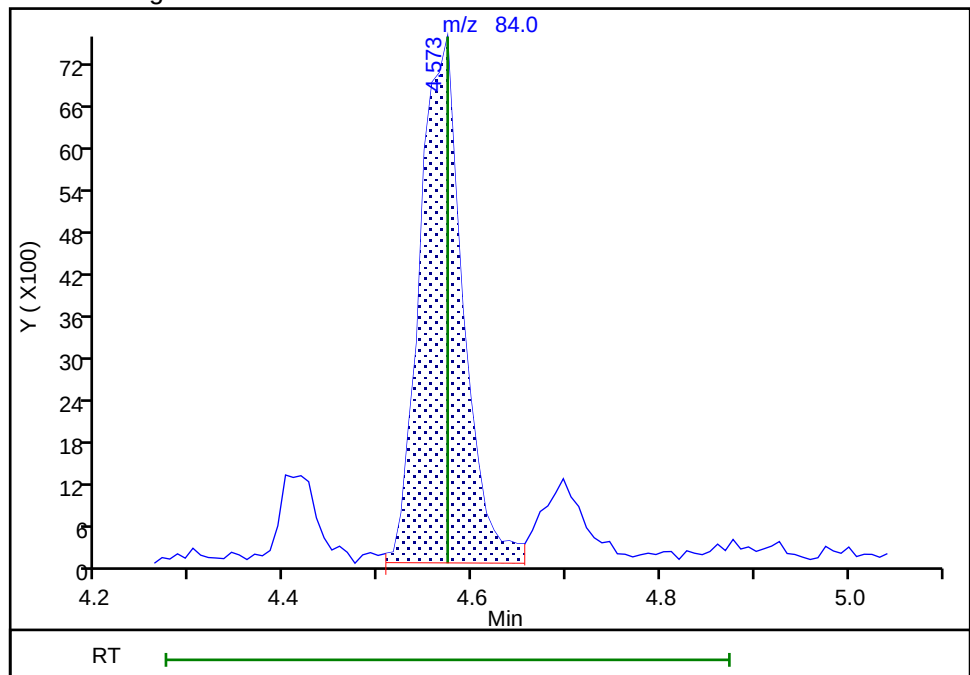
RT: 4.79
Area: 237
Amount: 0.106623
Amount Units: ug/l

Processing Integration Results



RT: 4.57
Area: 24100
Amount: 5.530181
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:45:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

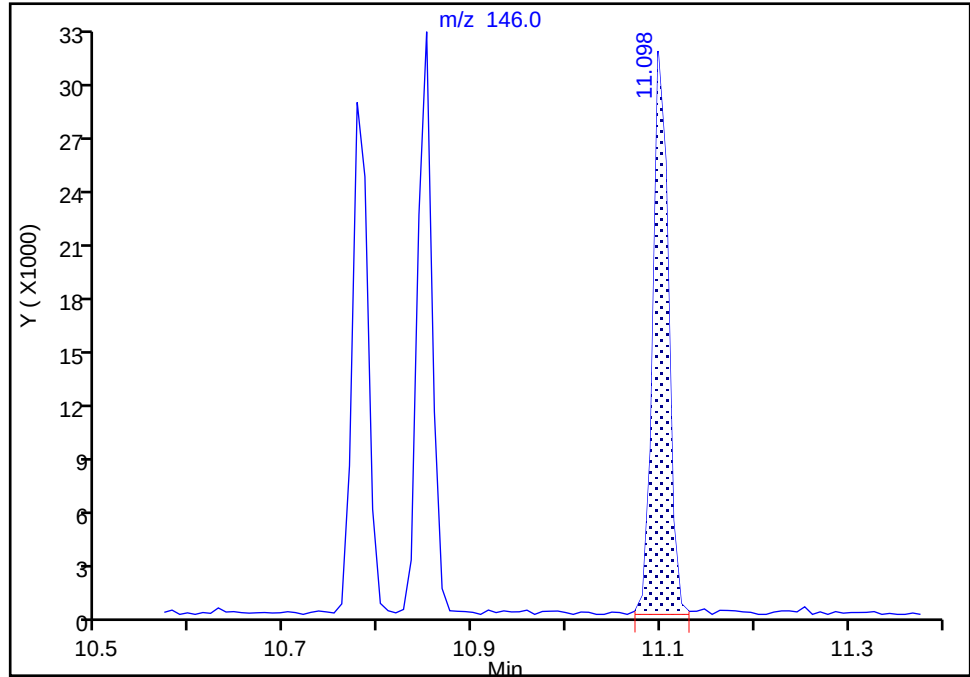
Detector: MS SCAN

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

Signal: 1

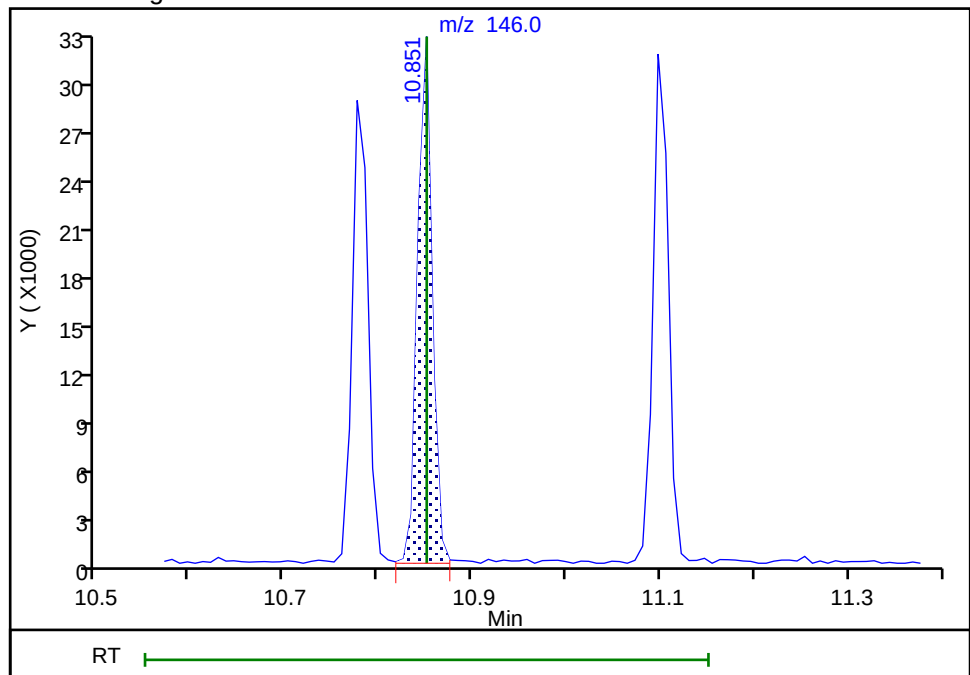
RT: 11.10
Area: 36207
Amount: 5.580911
Amount Units: ug/l

Processing Integration Results



RT: 10.85
Area: 35203
Amount: 5.223634
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:46:27

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08552.D

Injection Date: 09-Dec-2020 15:17:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

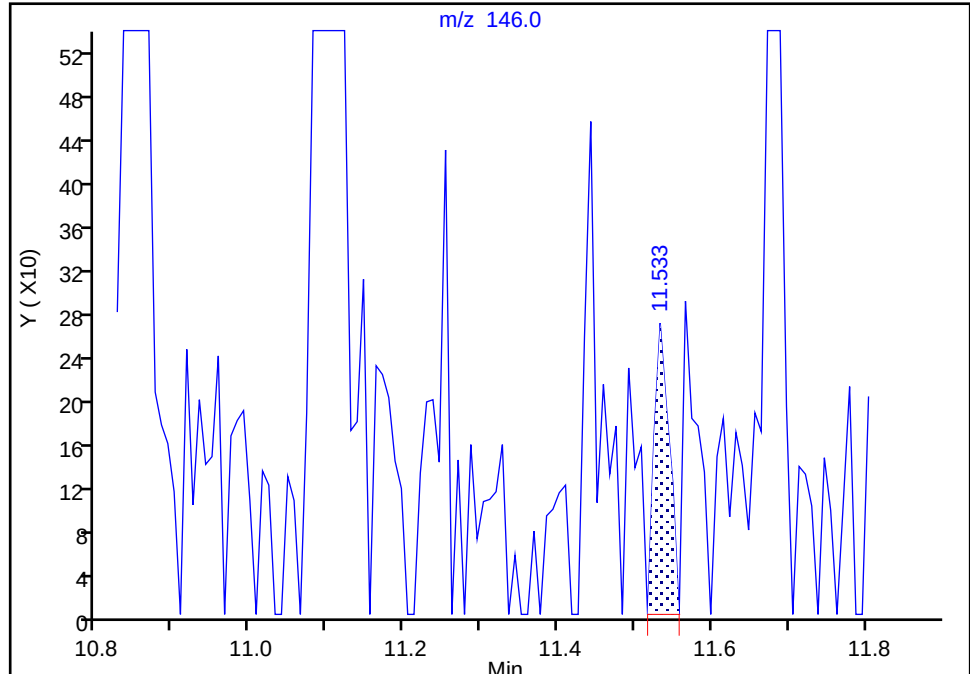
Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

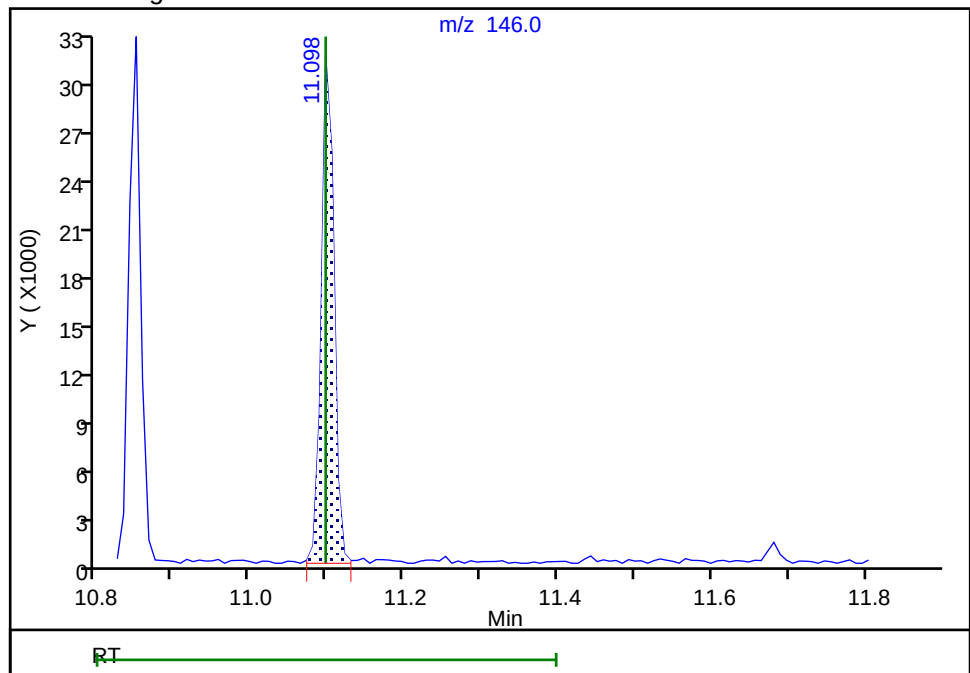
RT: 11.53
Area: 363
Amount: 2.691661
Amount Units: ug/l

Processing Integration Results



RT: 11.10
Area: 36207
Amount: 5.405908
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:46:39

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08553.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 09-Dec-2020 15:41:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0121321-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:07:17 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 16:43:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	96	74004	20.0	18.2	
2 Chloromethane	50	1.730	1.730	0.000	99	83235	20.0	18.7	
3 Butadiene	54	1.812	1.812	0.000	83	77677	20.0	19.3	
4 Vinyl chloride	62	1.812	1.812	0.000	98	89201	20.0	19.3	
5 Bromomethane	94	2.084	2.084	0.000	99	78472	20.0	18.3	
6 Chloroethane	64	2.141	2.141	0.000	99	59917	20.0	18.5	
7 Dichlorofluoromethane	67	2.297	2.297	0.000	96	132230	NC	NC	
8 Trichlorofluoromethane	101	2.306	2.306	0.000	72	124879	20.0	19.2	
9 Pentane	72	2.322	2.322	0.000	95	28600	40.0	39.7	
11 Ethanol	46	2.503	2.503	0.000	65	10840	800.0	748.1	
10 Ethyl ether	59	2.503	2.503	0.000	94	37483	20.0	17.8	
12 2-Methyl-1,3-butadiene	53	2.519	2.519	0.000	96	43383	20.0	19.8	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	86	53602	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	88	75412	NC	NC	
15 Acrolein	56	2.667	2.667	0.000	93	11987	40.0	40.2	
16 112TCTFE	101	2.683	2.683	0.000	90	55699	20.0	18.7	
17 1,1-Dichloroethene	96	2.700	2.700	0.000	97	49627	20.0	19.8	
18 Acetone	43	2.774	2.774	0.000	87	80944	100.0	103.6	
19 Iodomethane	142	2.856	2.856	0.000	97	101297	20.0	19.8	
20 Isopropyl alcohol	45	2.856	2.856	0.000	37	33112	200.0	202.0	
21 Carbon disulfide	76	2.889	2.889	0.000	100	176744	20.0	19.7	
22 3-Chloro-1-propene	41	2.996	2.996	0.000	96	76037	20.0	18.7	
23 Methyl acetate	43	3.004	3.004	0.000	96	68000	40.0	38.8	
24 Cyclopentene	67	3.020	3.020	0.000	94	125274	NC	NC	
25 Acetonitrile	41	3.053	3.053	0.000	95	78160	200.0	198.4	a
* 27 TBA-d9 (IS)	65	3.111	3.111	0.000	0	339054	1000.0	1000.0	
26 Methylene Chloride	84	3.119	3.119	0.000	89	57040	20.0	18.6	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	99	63571	200.0	210.4	a
29 Methyl tert-butyl ether	73	3.275	3.275	0.000	96	156090	20.0	20.0	
30 trans-1,2-Dichloroethene	96	3.292	3.292	0.000	91	56557	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.357	3.357	0.000	94	203051	200.0	187.7	
32 Hexane	43	3.439	3.439	0.000	90	38801	20.0	20.7	
33 Isopropyl ether	45	3.637	3.637	0.000	93	136747	20.0	20.1	
34 1,1-Dichloroethane	63	3.670	3.670	0.000	99	86793	20.0	19.9	
35 Vinyl acetate	86	3.678	3.678	0.000	99	22751	40.0	36.1	
36 2-Chloro-1,3-butadiene	88	3.711	3.711	0.000	91	46791	NC	NC	
37 Tert-butyl ethyl ether	59	3.949	3.949	0.000	90	147460	NC	NC	
* 38 2-Butanone-d5	46	4.130	4.130	0.000	0	293511	250.0	250.0	
39 2,2-Dichloropropane	97	4.154	4.154	0.000	94	20229	20.0	20.1	
40 cis-1,2-Dichloroethene	96	4.163	4.163	0.000	98	58120	20.0	20.0	
42 2-Butanone (MEK)	72	4.179	4.179	0.000	97	31707	100.0	93.8	
41 Ethyl acetate	70	4.179	4.179	0.000	94	11358	40.0	41.9	
43 Methyl acrylate	55	4.236	4.236	0.000	99	43172	NC	NC	
44 Propionitrile	54	4.310	4.310	0.000	98	73772	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	67	15947	40.0	42.4	
45 Chlorobromomethane	128	4.384	4.384	0.000	74	31521	20.0	18.8	
47 Methacrylonitrile	67	4.409	4.409	0.000	89	217403	NC	NC	
48 Chloroform	83	4.434	4.434	0.000	98	85789	20.0	19.0	
49 Cyclohexane	84	4.573	4.573	0.000	88	89474	20.0	19.4	
50 1,1,1-Trichloroethane	97	4.582	4.582	0.000	97	86383	20.0	19.4	
\$ 51 Dibromofluoromethane (Surr)	113	4.582	4.582	0.000	97	141260	50.0	50.2	
52 Carbon tetrachloride	117	4.697	4.697	0.000	97	75555	20.0	19.1	
53 1,1-Dichloropropene	75	4.721	4.721	0.000	97	66969	20.0	19.7	
54 Isobutyl alcohol	43	4.836	4.836	0.000	97	47858	NC	NC	
55 Benzene	78	4.910	4.910	0.000	95	193265	20.0	19.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	0.000	0	147354	50.0	48.6	
57 Isopropyl acetate	43	4.968	4.968	0.000	96	127685	20.0	19.6	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	93	158928	NC	NC	
59 1,2-Dichloroethane	62	5.001	5.001	0.000	97	64101	20.0	19.6	
60 n-Heptane	57	5.066	5.066	0.000	90	36009	20.0	20.3	
* 61 Fluorobenzene	96	5.190	5.190	0.000	99	551107	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	87	35220	500.0	466.9	
63 Trichloroethene	95	5.535	5.535	0.000	96	50312	20.0	19.9	
64 Ethyl acrylate	55	5.658	5.658	0.000	97	122632	20.0	19.9	
65 Methylcyclohexane	83	5.666	5.666	0.000	86	99036	20.0	19.9	
66 1,2-Dichloropropane	63	5.822	5.822	0.000	87	45161	20.0	19.5	
* 67 1,4-Dioxane-d8	96	5.872	5.872	0.000	0	33582	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	82	29582	40.0	38.7	
71 1,4-Dioxane	88	5.929	5.929	0.000	36	13925	400.0	382.8	
69 Dibromomethane	93	5.946	5.946	0.000	94	32056	20.0	18.6	
70 n-Propyl acetate	43	5.954	5.954	0.000	97	58037	20.0	18.2	
72 Dichlorobromomethane	83	6.094	6.094	0.000	99	63351	20.0	20.0	
74 2-Nitropropane	41	6.422	6.422	0.000	86	28225	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	78	27162	20.0	18.3	
75 Epichlorohydrin	57	6.529	6.529	0.000	99	99377	400.0	362.5	
76 cis-1,3-Dichloropropene	75	6.587	6.587	0.000	91	78101	20.0	20.0	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	223807	100.0	99.5	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	499826	50.0	50.7	
79 Toluene	91	6.907	6.907	0.000	94	203259	20.0	19.5	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	69505	20.0	19.2	
81 Ethyl methacrylate	69	7.285	7.285	0.000	89	59545	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	95	35754	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.507	7.507	0.000	96	58429	20.0	19.4	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	91	71451	20.0	19.7	
85 2-Hexanone	43	7.737	7.737	0.000	93	142280	100.0	98.8	
86 n-Butyl acetate	43	7.860	7.860	0.000	98	65037	20.0	19.4	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	50591	20.0	19.5	
88 Ethylene Dibromide	107	8.057	8.057	0.000	99	47138	20.0	19.7	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	85	421269	50.0	50.0	
90 Chlorobenzene	112	8.633	8.633	0.000	97	139053	20.0	19.7	
91 Ethylbenzene	106	8.739	8.739	0.000	98	75221	20.0	19.4	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	57258	20.0	19.4	
93 m-Xylene & p-Xylene	106	8.904	8.904	0.000	0	92925	20.0	19.9	
94 n-Butyl acrylate	73	9.372	9.372	0.000	97	40086	20.0	20.5	
95 o-Xylene	106	9.380	9.380	0.000	94	96816	20.0	20.0	
96 Styrene	104	9.413	9.413	0.000	97	152851	20.0	19.9	
97 Amyl acetate (mixed isomers)	43	9.610	9.610	0.000	92	87248	20.0	19.1	
98 Bromoform	173	9.619	9.619	0.000	97	38579	20.0	18.6	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	253760	20.0	19.6	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	182497	50.0	50.1	
101 Bromobenzene	156	10.054	10.054	0.000	91	67572	20.0	19.2	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	98	64280	20.0	19.6	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	291446	20.0	19.3	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	97	21260	20.0	20.0	
105 trans-1,4-Dichloro-2-butene	53	10.153	10.153	0.000	80	16998	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	195471	20.0	18.9	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	244731	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	94	218565	20.0	19.2	
109 4-Chlorotoluene	91	10.309	10.309	0.000	96	173007	20.0	18.5	
110 Butyl Methacrylate	87	10.358	10.358	0.000	89	67607	20.0	19.2	
111 tert-Butylbenzene	119	10.514	10.514	0.000	95	188240	20.0	19.1	
112 1,2,4-Trimethylbenzene	105	10.564	10.564	0.000	97	223940	20.0	19.2	
113 sec-Butylbenzene	105	10.679	10.679	0.000	99	286647	20.0	19.1	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	96	132446	20.0	18.6	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	260733	20.0	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	0.000	93	268527	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	96	134602	20.0	18.8	
118 1,2,3-Trimethylbenzene	105	10.868	10.868	0.000	97	240278	20.0	18.9	
119 Benzyl chloride	91	10.950	10.950	0.000	99	146019	20.0	20.0	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	236695	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	95	136068	NC	NC	
122 n-Butylbenzene	92	11.057	11.057	0.000	98	129895	20.0	19.3	
123 1,2-Dichlorobenzene	146	11.098	11.098	0.000	97	136005	20.0	19.1	
124 1,2,4,5-Tetramethylbenzene	119	11.525	11.525	0.000	98	257014	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.591	11.591	0.000	94	21039	20.0	17.4	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	0.000	98	119803	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.059	12.059	0.000	94	119482	20.0	18.8	
128 Hexachlorobutadiene	225	12.125	12.125	0.000	94	48531	20.0	18.4	
129 Naphthalene	128	12.223	12.223	0.000	99	285622	20.0	18.2	
130 1,2,3-Trichlorobenzene	180	12.379	12.379	0.000	95	110805	20.0	18.4	
S 131 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 132 Xylenes, Total	100				0		40.0	39.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00397	Amount Added: 20.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
524freon_00030	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Operator ID:

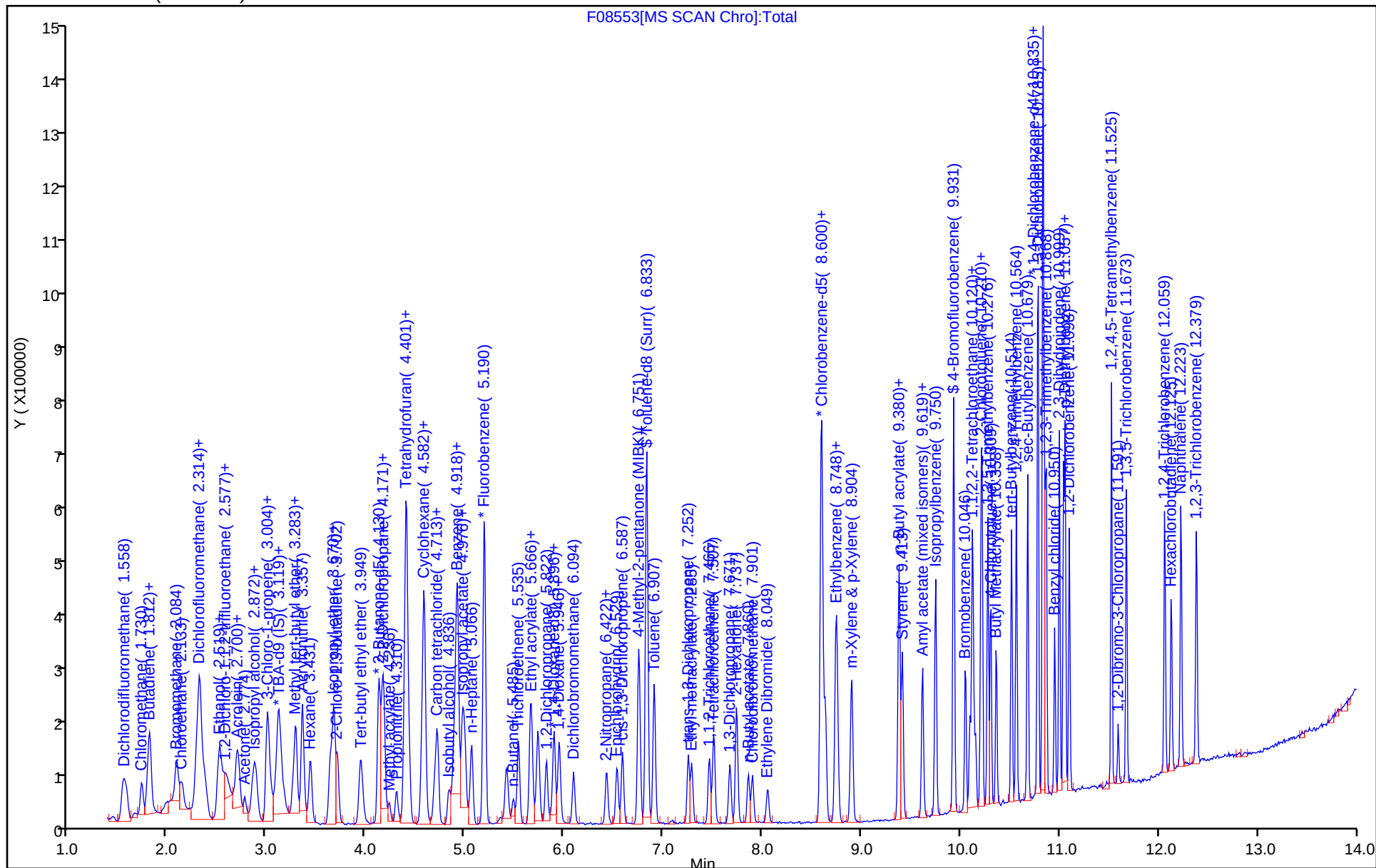
Worklist Smp#: 7

Client ID:

ALS Bottle#: 6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08553.D

Injection Date: 09-Dec-2020 15:41:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

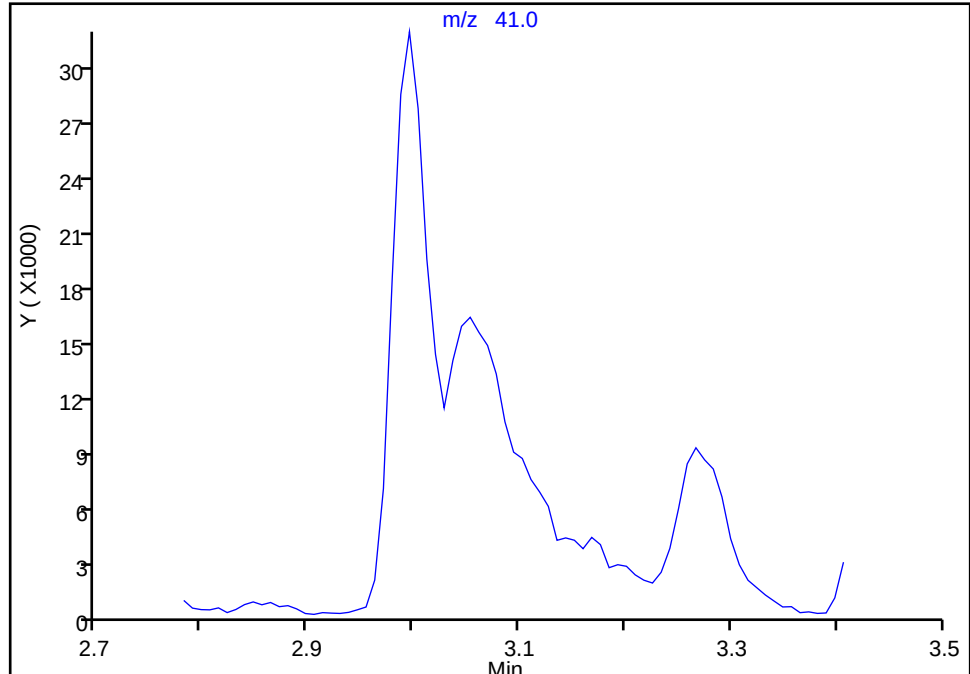
25 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.05

Processing Integration Results



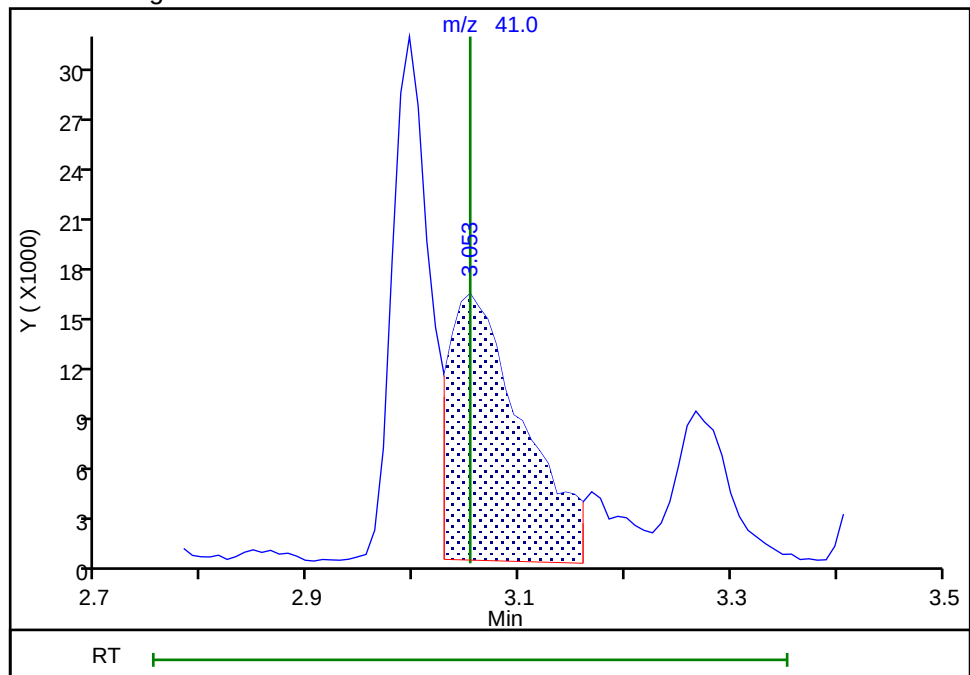
RT: 3.05

Area: 78160

Amount: 198.3856

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:42:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08553.D

Injection Date: 09-Dec-2020 15:41:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

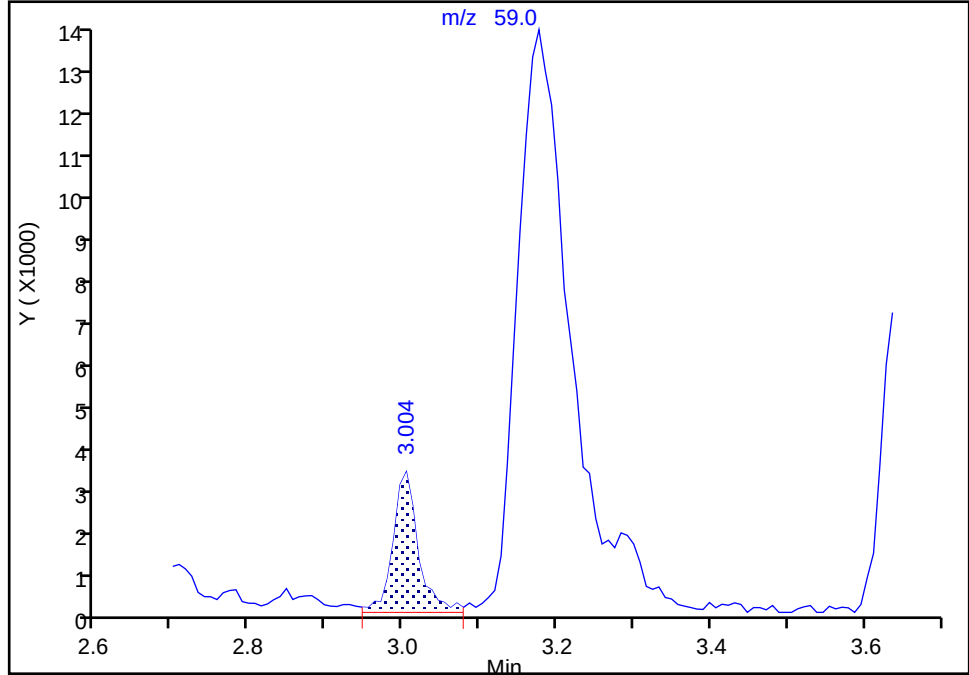
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

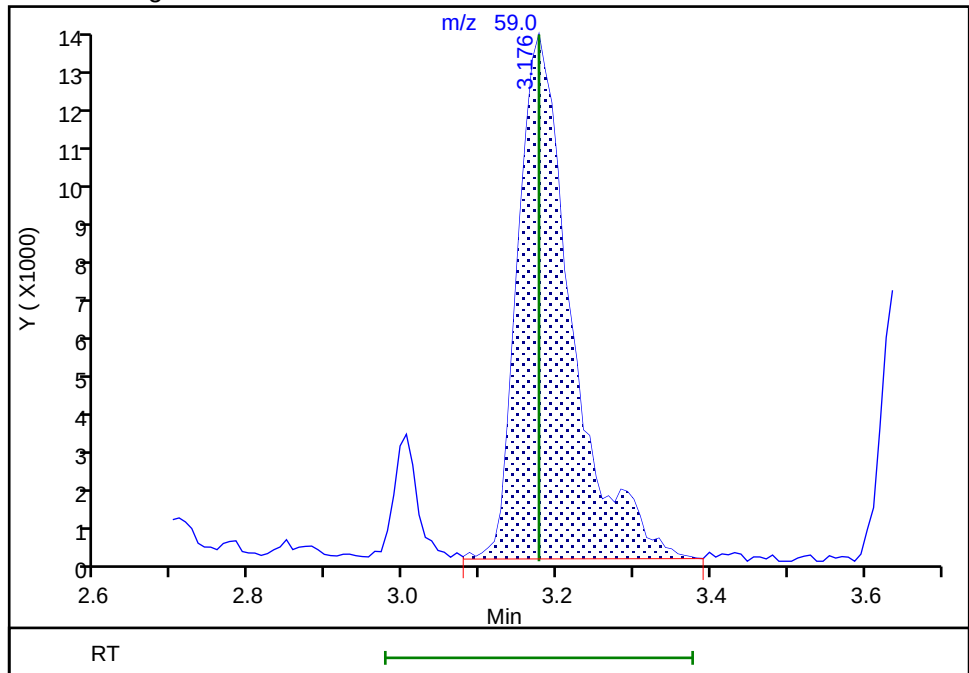
RT: 3.00
Area: 7276
Amount: 187.9824
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 63571
Amount: 210.4016
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:42:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08554.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 09-Dec-2020 16:06:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0121321-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:07:37 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 16:41:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.549	1.566	-0.017	87	203035	50.0	52.8	
2 Chloromethane	50	1.722	1.730	-0.008	99	212951	50.0	50.6	
3 Butadiene	54	1.796	1.812	-0.016	83	192479	50.0	50.6	
4 Vinyl chloride	62	1.796	1.812	-0.016	98	218964	50.0	50.0	
5 Bromomethane	94	2.067	2.084	-0.017	99	200934	50.0	49.5	
6 Chloroethane	64	2.125	2.141	-0.016	99	168055	50.0	54.8	
7 Dichlorofluoromethane	67	2.281	2.297	-0.016	98	340278	NC	NC	
8 Trichlorofluoromethane	101	2.297	2.306	-0.009	97	315231	50.0	51.1	
9 Pentane	72	2.305	2.322	-0.017	97	66577	100.0	92.5	
11 Ethanol	46	2.478	2.503	-0.025	62	30914	2000.0	2131.9	
10 Ethyl ether	59	2.486	2.503	-0.017	94	89374	50.0	45.0	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	94	104157	50.0	50.3	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.552	2.560	-0.008	87	124993	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.601	2.618	-0.017	88	179083	NC	NC	
15 Acrolein	56	2.650	2.667	-0.017	27	26622	100.0	89.3	
16 112TCTFE	101	2.675	2.683	-0.008	91	132638	50.0	47.0	
17 1,1-Dichloroethene	96	2.692	2.700	-0.008	98	121254	50.0	51.0	
18 Acetone	43	2.765	2.774	-0.009	87	187679	250.0	250.7	
19 Iodomethane	142	2.848	2.856	-0.008	97	243528	50.0	50.2	
20 Isopropyl alcohol	45	2.856	2.856	0.000	84	83709	500.0	510.3	
21 Carbon disulfide	76	2.872	2.889	-0.017	100	424213	50.0	49.9	
22 3-Chloro-1-propene	41	2.987	2.996	-0.009	95	185824	50.0	48.2	
23 Methyl acetate	43	2.987	3.004	-0.017	97	165980	100.0	100.2	
24 Cyclopentene	67	3.004	3.020	-0.016	94	295684	NC	NC	
25 Acetonitrile	41	3.045	3.053	-0.008	96	223497	500.0	566.9	a
* 27 TBA-d9 (IS)	65	3.102	3.111	-0.009	0	339303	1000.0	1000.0	
26 Methylene Chloride	84	3.111	3.119	-0.008	90	137091	50.0	47.2	
28 2-Methyl-2-propanol	59	3.168	3.176	-0.008	35	155658	500.0	514.8	a
29 Methyl tert-butyl ether	73	3.258	3.275	-0.017	96	379226	50.0	51.2	
30 trans-1,2-Dichloroethene	96	3.283	3.292	-0.009	92	129833	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.349	3.357	-0.008	95	486764	500.0	475.6	
32 Hexane	43	3.431	3.439	-0.008	91	88783	50.0	50.0	
33 Isopropyl ether	45	3.628	3.637	-0.009	93	326375	50.0	50.7	
34 1,1-Dichloroethane	63	3.661	3.670	-0.009	99	206281	50.0	50.0	
35 Vinyl acetate	86	3.669	3.678	-0.009	99	57734	100.0	96.9	
36 2-Chloro-1,3-butadiene	88	3.702	3.711	-0.009	91	109788	NC	NC	
37 Tert-butyl ethyl ether	59	3.940	3.949	-0.009	91	348046	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.130	-0.009	0	281267	250.0	250.0	
39 2,2-Dichloropropane	97	4.146	4.154	-0.008	92	46240	50.0	48.6	
40 cis-1,2-Dichloroethene	96	4.154	4.163	-0.009	98	134932	50.0	49.1	
42 2-Butanone (MEK)	72	4.171	4.179	-0.008	97	74400	250.0	229.6	
41 Ethyl acetate	70	4.179	4.179	0.000	95	27836	100.0	107.1	
43 Methyl acrylate	55	4.228	4.236	-0.008	99	99232	NC	NC	
44 Propionitrile	54	4.302	4.310	-0.008	98	177823	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	75	34211	100.0	95.0	
45 Chlorobromomethane	128	4.376	4.384	-0.008	80	74558	50.0	47.1	
47 Methacrylonitrile	67	4.401	4.409	-0.008	89	513441	NC	NC	
48 Chloroform	83	4.425	4.434	-0.009	98	201482	50.0	47.2	
49 Cyclohexane	84	4.565	4.573	-0.008	90	214028	50.0	49.2	
50 1,1,1-Trichloroethane	97	4.573	4.582	-0.009	98	204151	50.0	48.4	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.582	-0.001	97	133293	50.0	50.1	
52 Carbon tetrachloride	117	4.688	4.697	-0.009	97	184167	50.0	49.2	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	96	155687	50.0	48.5	
54 Isobutyl alcohol	43	4.828	4.836	-0.008	98	124582	NC	NC	
55 Benzene	78	4.910	4.910	0.000	97	453503	50.0	48.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.927	-0.009	0	138867	50.0	48.4	
57 Isopropyl acetate	43	4.968	4.968	0.000	96	310607	50.0	50.4	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	93	386742	NC	NC	
59 1,2-Dichloroethane	62	4.992	5.001	-0.009	97	144041	50.0	46.7	
60 n-Heptane	57	5.058	5.066	-0.008	87	84054	50.0	50.1	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	521302	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	86	89771	1250.0	1189.3	
63 Trichloroethene	95	5.535	5.535	0.000	96	116953	50.0	49.0	
64 Ethyl acrylate	55	5.658	5.658	0.000	98	290767	50.0	49.9	
65 Methylcyclohexane	83	5.658	5.666	-0.008	85	239380	50.0	50.8	
66 1,2-Dichloropropane	63	5.814	5.822	-0.008	90	107349	50.0	48.9	
* 67 1,4-Dioxane-d8	96	5.871	5.872	-0.001	0	35731	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	85	71826	100.0	99.4	
71 1,4-Dioxane	88	5.921	5.929	-0.008	74	35047	1000.0	905.6	
69 Dibromomethane	93	5.945	5.946	-0.001	92	77363	50.0	47.5	
70 n-Propyl acetate	43	5.945	5.954	-0.009	97	143582	50.0	47.7	
72 Dichlorobromomethane	83	6.093	6.094	-0.001	99	151302	50.0	50.5	
74 2-Nitropropane	41	6.422	6.422	0.000	89	68751	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	83	67192	50.1	48.0	
75 Epichlorohydrin	57	6.529	6.529	0.000	99	241985	1000.0	921.2	
76 cis-1,3-Dichloropropene	75	6.586	6.587	0.000	92	184660	50.0	49.1	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	545442	250.0	253.1	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	473708	50.0	49.9	
79 Toluene	91	6.907	6.907	0.000	93	485972	50.0	48.5	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	167477	50.0	48.2	
81 Ethyl methacrylate	69	7.285	7.285	0.000	87	149540	NC	NC	
82 1,1,2-Trichloroethane	83	7.457	7.466	-0.009	94	85648	50.0	51.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.507	7.507	0.000	97	139774	50.0	48.2	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	91	172440	50.0	49.3	
85 2-Hexanone	43	7.737	7.737	0.000	94	343077	250.0	248.7	
86 n-Butyl acetate	43	7.852	7.860	-0.008	98	159193	50.0	49.3	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	123680	50.0	49.6	
88 Ethylene Dibromide	107	8.049	8.057	-0.008	99	112900	50.0	49.1	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	84	405530	50.0	50.0	
90 Chlorobenzene	112	8.632	8.633	-0.001	97	331928	50.0	48.9	
91 Ethylbenzene	106	8.739	8.739	0.000	98	180557	50.0	48.4	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	140263	50.0	49.3	
93 m-Xylene & p-Xylene	106	8.903	8.904	-0.001	0	222478	50.0	49.5	
94 n-Butyl acrylate	73	9.372	9.372	0.000	98	95092	50.0	50.6	
95 o-Xylene	106	9.380	9.380	0.000	94	236816	50.0	50.7	
96 Styrene	104	9.413	9.413	0.000	97	366107	50.0	49.6	
97 Amyl acetate (mixed isomers)	43	9.610	9.610	0.000	92	210598	50.0	48.5	
98 Bromoform	173	9.618	9.619	-0.001	97	96033	50.0	48.1	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	631165	50.0	50.6	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	95	176038	50.0	50.2	
101 Bromobenzene	156	10.054	10.054	0.000	91	158581	50.0	47.5	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	98	154137	50.0	49.6	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	696500	50.0	48.6	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	97	49382	50.0	48.8	
105 trans-1,4-Dichloro-2-butene	53	10.152	10.153	-0.001	78	40970	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	472075	50.0	48.2	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	600978	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	93	531649	50.0	49.2	
109 4-Chlorotoluene	91	10.309	10.309	0.000	96	418587	50.0	47.2	
110 Butyl Methacrylate	87	10.358	10.358	0.000	88	178103	50.0	53.2	
111 tert-Butylbenzene	119	10.514	10.514	0.000	96	463602	50.0	49.7	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	97	547060	50.0	49.4	
113 sec-Butylbenzene	105	10.678	10.679	-0.001	99	715206	50.0	50.3	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	96	313827	50.0	46.4	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	641326	50.0	49.6	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	93	255052	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	96	318863	50.0	47.0	
118 1,2,3-Trimethylbenzene	105	10.867	10.868	-0.001	97	592861	50.0	49.1	
119 Benzyl chloride	91	10.950	10.950	0.000	99	349279	50.0	50.3	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	578726	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	95	332963	NC	NC	
122 n-Butylbenzene	92	11.056	11.057	0.000	98	312460	50.0	48.9	
123 1,2-Dichlorobenzene	146	11.097	11.098	-0.001	97	323507	50.0	47.9	
124 1,2,4,5-Tetramethylbenzene	119	11.525	11.525	0.000	98	652061	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.599	11.591	0.008	92	52621	50.0	45.7	
126 1,3,5-Trichlorobenzene	180	11.681	11.673	0.008	98	295527	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.067	12.059	0.008	94	293863	50.0	48.7	
128 Hexachlorobutadiene	225	12.133	12.125	0.008	95	125194	50.0	50.0	
129 Naphthalene	128	12.231	12.223	0.008	99	738621	50.0	49.5	
130 1,2,3-Trichlorobenzene	180	12.387	12.379	0.008	96	284401	50.0	49.6	
S 131 1,2-Dichloroethene, Total	100				0		100.0	97.7	
S 132 Xylenes, Total	100				0		100.0	100.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00397	Amount Added: 50.00	Units: uL	
ACROLEIN W_00116	Amount Added: 10.00	Units: uL	
524freon_00030	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08554.D

Injection Date: 09-Dec-2020 16:06:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD50

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

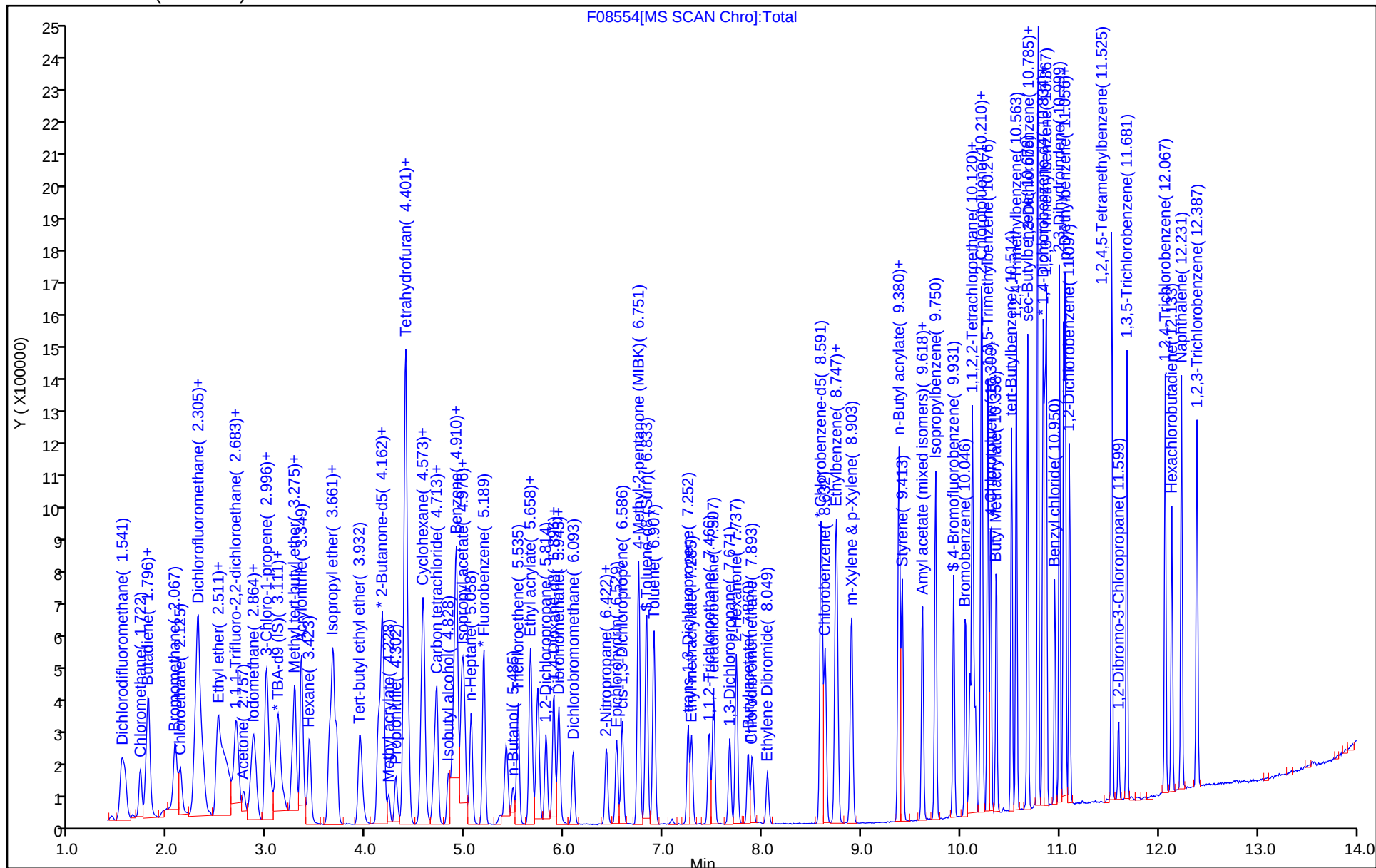
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08554.D

Injection Date: 09-Dec-2020 16:06:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

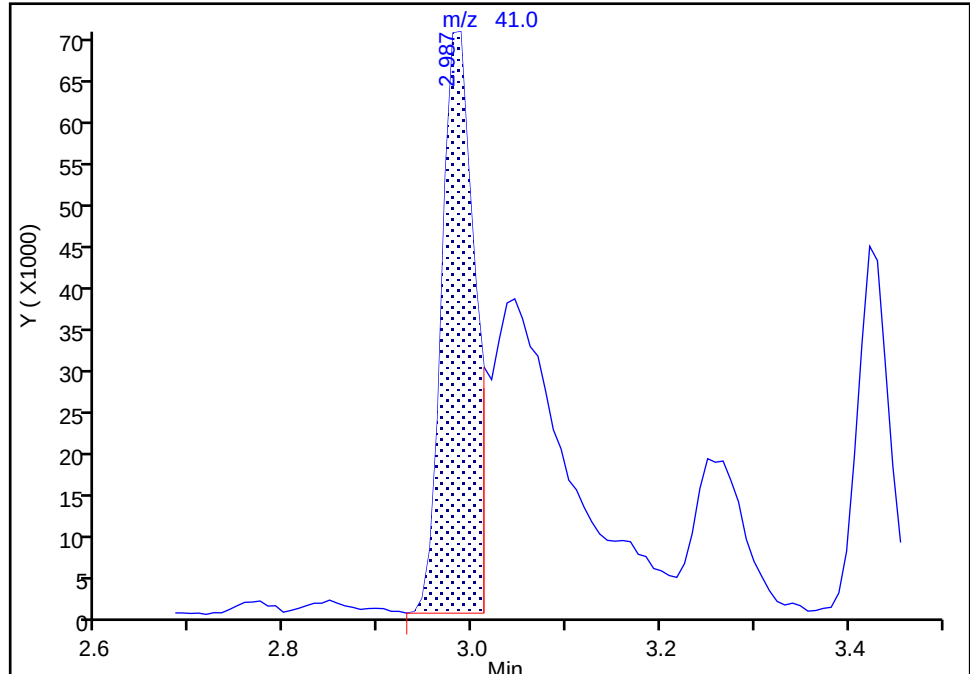
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

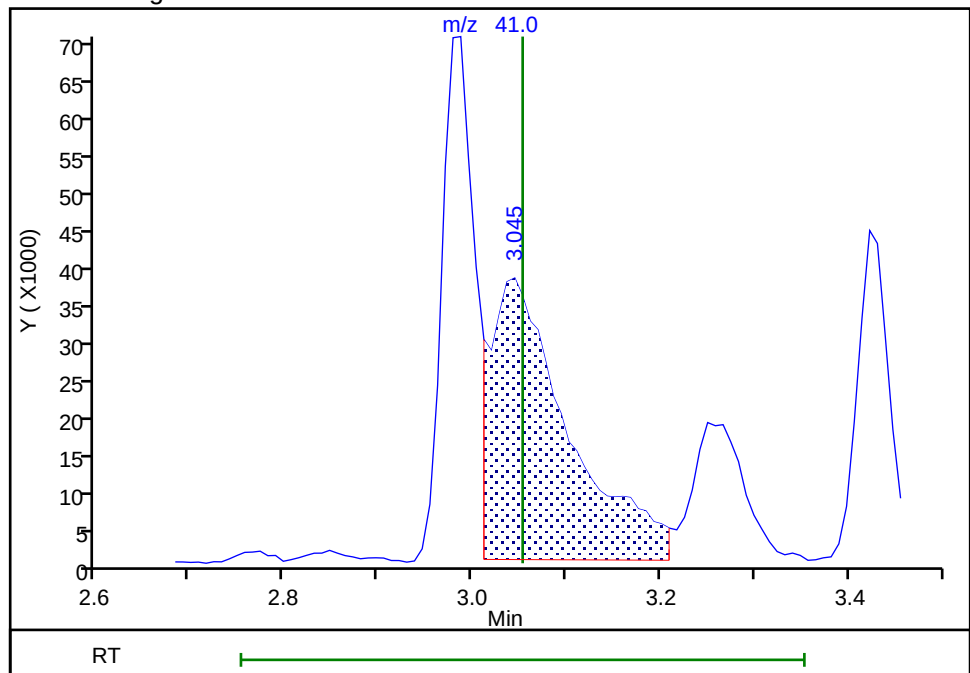
RT: 2.99
Area: 171956
Amount: 500.0444
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 223497
Amount: 566.8636
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:41:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08554.D

Injection Date: 09-Dec-2020 16:06:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

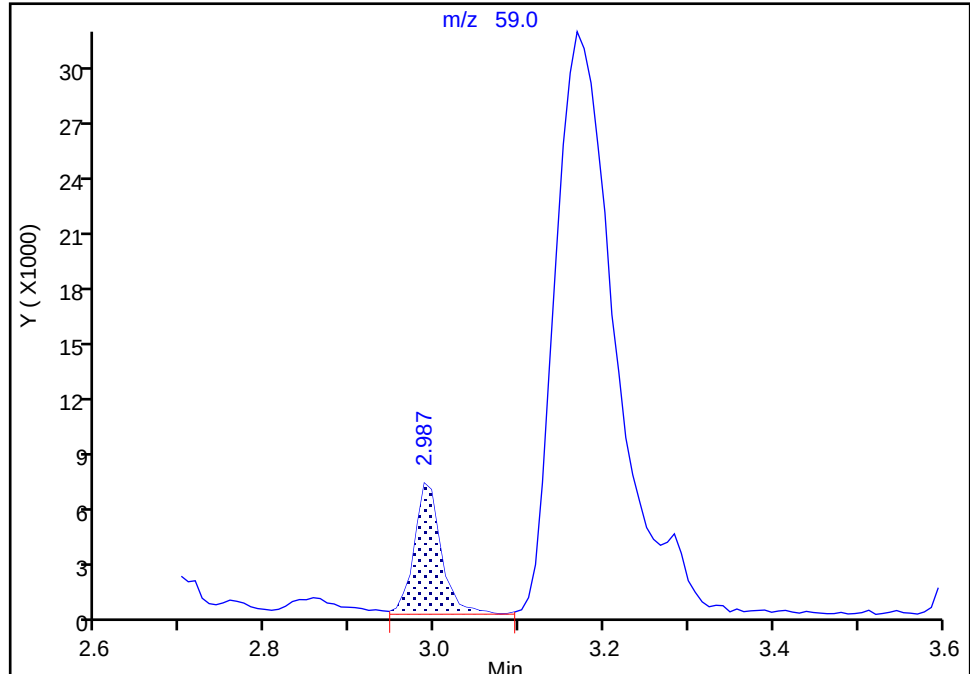
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

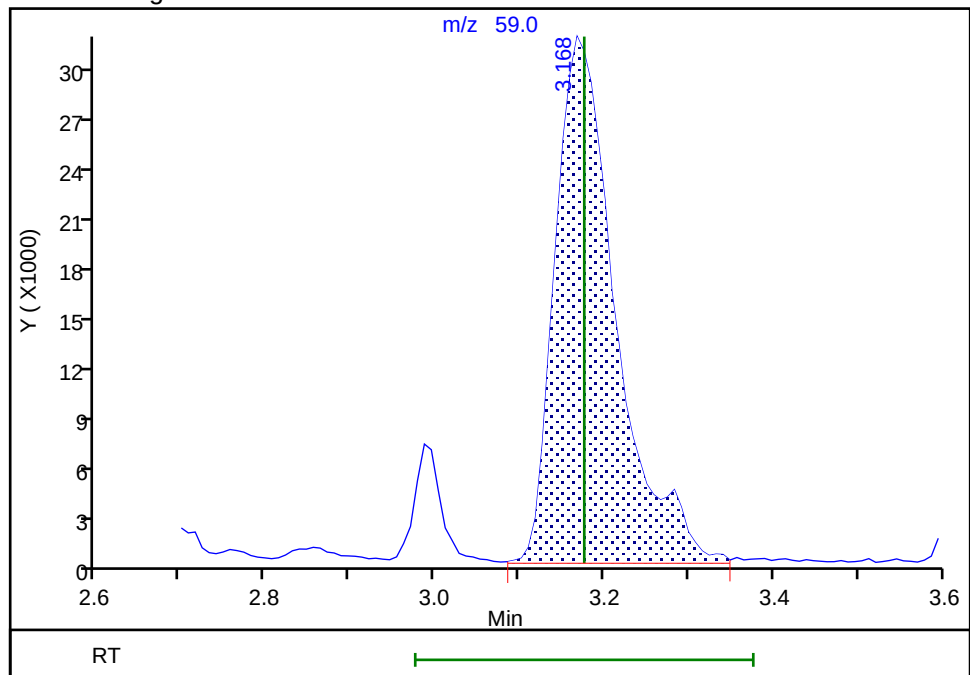
RT: 2.99
Area: 15482
Amount: 501.0221
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 155658
Amount: 514.8047
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 16:40:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08555.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-Dec-2020 16:30:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0121321-009
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:07:56 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 17:45:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.566	-0.008	99	855126	200.0	208.2	
2 Chloromethane	50	1.722	1.730	-0.008	99	794721	200.0	176.8	
3 Butadiene	54	1.804	1.812	-0.008	94	781753	200.0	192.5	
4 Vinyl chloride	62	1.804	1.812	-0.008	98	883219	200.0	189.1	
5 Bromomethane	94	2.075	2.084	-0.009	99	775056	200.0	178.8	
6 Chloroethane	64	2.133	2.141	-0.008	100	633197	200.0	193.4	
7 Dichlorofluoromethane	67	2.297	2.297	0.000	99	1359796	NC	NC	
8 Trichlorofluoromethane	101	2.297	2.306	-0.009	98	1272701	200.0	193.3	
9 Pentane	72	2.314	2.322	-0.008	96	274427	400.0	373.7	
11 Ethanol	46	2.478	2.503	-0.025	66	123033	8000.0	8321.2	
10 Ethyl ether	59	2.486	2.503	-0.017	94	434617	200.0	204.8	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	96	456470	200.0	206.7	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	86	537659	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.609	2.618	-0.009	93	755575	NC	NC	
15 Acrolein	56	2.659	2.667	-0.008	32	59447	200.0	195.6	
16 112TCTFE	101	2.683	2.683	0.000	95	561863	200.0	186.4	
17 1,1-Dichloroethene	96	2.708	2.700	0.008	97	508737	200.0	200.6	
18 Acetone	43	2.765	2.774	-0.009	87	836703	1000.0	1045.9	
19 Iodomethane	142	2.848	2.856	-0.008	97	1007101	200.0	194.5	
20 Isopropyl alcohol	45	2.848	2.856	-0.008	91	303438	2000.0	1814.2	
21 Carbon disulfide	76	2.881	2.889	-0.009	100	1751756	200.0	193.0	
22 3-Chloro-1-propene	41	2.987	2.996	-0.009	94	736091	200.0	178.9	
23 Methyl acetate	43	2.996	3.004	-0.008	97	656613	400.0	371.2	
24 Cyclopentene	67	3.012	3.020	-0.008	93	1231868	NC	NC	
25 Acetonitrile	41	3.045	3.053	-0.008	97	793600	2000.0	1974.0	a
* 27 TBA-d9 (IS)	65	3.111	3.111	0.000	0	345973	1000.0	1000.0	
26 Methylene Chloride	84	3.119	3.119	0.000	89	560236	200.0	180.7	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	97	596116	2000.0	1933.5	a
29 Methyl tert-butyl ether	73	3.267	3.275	-0.008	96	1542985	200.0	195.3	
30 trans-1,2-Dichloroethene	96	3.283	3.292	-0.009	92	537102	200.0	188.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.349	3.357	-0.008	94	1936432	2000.0	1772.3	
32 Hexane	43	3.431	3.439	-0.008	91	378561	200.0	199.7	
33 Isopropyl ether	45	3.636	3.637	-0.001	92	1339266	200.0	194.8	
34 1,1-Dichloroethane	63	3.661	3.670	-0.009	100	859358	200.0	195.2	
35 Vinyl acetate	86	3.669	3.678	-0.009	99	232067	400.0	364.9	
36 2-Chloro-1,3-butadiene	88	3.702	3.711	-0.009	91	461614	NC	NC	
37 Tert-butyl ethyl ether	59	3.940	3.949	-0.009	90	1433738	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.130	-0.009	0	300518	250.0	250.0	
39 2,2-Dichloropropane	97	4.154	4.154	0.000	94	192936	200.0	190.1	
40 cis-1,2-Dichloroethene	96	4.162	4.163	-0.001	98	578323	200.0	197.1	
42 2-Butanone (MEK)	72	4.179	4.179	0.000	97	317825	1000.0	917.9	
41 Ethyl acetate	70	4.179	4.179	0.000	95	108707	400.0	391.6	
43 Methyl acrylate	55	4.228	4.236	-0.008	99	394050	NC	NC	
44 Propionitrile	54	4.302	4.310	-0.008	98	694496	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	86	142780	400.0	371.1	
45 Chlorobromomethane	128	4.384	4.384	0.000	82	312429	200.0	184.8	
47 Methacrylonitrile	67	4.401	4.409	-0.008	90	2165618	NC	NC	
48 Chloroform	83	4.434	4.434	0.000	99	851266	200.0	186.9	
49 Cyclohexane	84	4.573	4.573	0.000	88	909328	200.0	195.6	
50 1,1,1-Trichloroethane	97	4.581	4.582	-0.001	98	868582	200.0	192.8	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.582	-0.001	47	141332	50.0	49.7	
52 Carbon tetrachloride	117	4.696	4.697	-0.001	97	784336	200.0	196.2	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	97	668124	200.0	195.1	
54 Isobutyl alcohol	43	4.836	4.836	0.000	98	550510	NC	NC	
55 Benzene	78	4.910	4.910	0.000	96	1945380	200.0	191.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.927	-0.009	0	155261	50.0	50.7	
57 Isopropyl acetate	43	4.968	4.968	0.000	95	1297205	200.0	197.0	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	91	1564583	NC	NC	
59 1,2-Dichloroethane	62	4.992	5.001	-0.009	96	618466	200.0	187.7	
60 n-Heptane	57	5.066	5.066	0.000	88	358766	200.0	200.5	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	556554	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	85	364106	5000.0	4730.7	
63 Trichloroethene	95	5.535	5.535	0.000	96	500686	200.0	196.6	
64 Ethyl acrylate	55	5.658	5.658	0.000	98	1229917	200.0	197.5	
65 Methylcyclohexane	83	5.666	5.666	0.000	93	1028589	200.0	204.5	
66 1,2-Dichloropropane	63	5.814	5.822	-0.008	89	453994	200.0	193.6	
* 67 1,4-Dioxane-d8	96	5.871	5.872	-0.001	0	39748	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	82	291469	400.0	377.9	
71 1,4-Dioxane	88	5.929	5.929	0.000	85	133830	4000.0	3108.6	
69 Dibromomethane	93	5.945	5.946	-0.001	93	326275	200.0	187.6	
70 n-Propyl acetate	43	5.945	5.954	-0.009	97	587417	200.0	182.9	
72 Dichlorobromomethane	83	6.093	6.094	-0.001	99	646167	200.0	202.1	
74 2-Nitropropane	41	6.422	6.422	0.000	90	279906	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	87	275460	200.5	184.1	
75 Epichlorohydrin	57	6.529	6.529	0.000	99	988486	4000.0	3522.0	
76 cis-1,3-Dichloropropene	75	6.586	6.587	0.000	92	797452	200.0	195.1	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	2360065	1000.0	1025.1	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	99	512237	50.0	49.7	
79 Toluene	91	6.907	6.907	0.000	94	2111086	200.0	194.0	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	729037	200.0	192.9	
81 Ethyl methacrylate	69	7.285	7.285	0.000	87	639097	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	94	359981	200.0	197.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.507	7.507	0.000	97	601289	200.0	190.8	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	92	729523	200.0	191.8	
85 2-Hexanone	43	7.737	7.737	0.000	94	1477667	1000.0	1002.6	
86 n-Butyl acetate	43	7.852	7.860	-0.008	98	648994	200.0	184.9	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	539891	200.0	199.2	
88 Ethylene Dibromide	107	8.049	8.057	-0.008	99	473409	200.0	189.5	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	84	440831	50.0	50.0	
90 Chlorobenzene	112	8.632	8.633	-0.001	96	1444841	200.0	195.7	
91 Ethylbenzene	106	8.739	8.739	0.000	98	786488	200.0	193.9	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	95	598356	200.0	193.6	
93 m-Xylene & p-Xylene	106	8.904	8.904	0.000	0	957353	200.0	196.1	
94 n-Butyl acrylate	73	9.372	9.372	0.000	98	419870	200.0	205.6	
95 o-Xylene	106	9.380	9.380	0.000	94	1011847	200.0	199.3	
96 Styrene	104	9.413	9.413	0.000	97	1578871	200.0	196.6	
97 Amyl acetate (mixed isomers)	43	9.610	9.610	0.000	92	872666	200.0	193.4	
98 Bromoform	173	9.618	9.619	-0.001	98	418451	200.0	192.7	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	2736417	200.0	201.9	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	188745	50.0	49.6	
101 Bromobenzene	156	10.054	10.054	0.000	92	679015	200.0	195.6	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	633872	200.0	196.1	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	3081744	200.0	207.0	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	97	200441	200.0	190.6	
105 trans-1,4-Dichloro-2-butene	53	10.152	10.153	-0.001	77	165992	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	2057138	200.0	202.0	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	2544809	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	93	2327281	200.0	207.0	
109 4-Chlorotoluene	91	10.309	10.309	0.000	96	1786461	200.0	193.9	
110 Butyl Methacrylate	87	10.358	10.358	0.000	89	758512	200.0	218.1	
111 tert-Butylbenzene	119	10.514	10.514	0.000	95	2086316	200.0	214.9	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	97	2375938	200.0	206.5	
113 sec-Butylbenzene	105	10.678	10.679	-0.001	99	3174497	200.0	214.8	
114 1,3-Dichlorobenzene	146	10.785	10.777	0.008	98	1379620	200.0	196.2	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	2927176	200.0	217.8	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	92	265139	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	96	1358501	200.0	192.4	
118 1,2,3-Trimethylbenzene	105	10.867	10.868	-0.001	97	2550740	200.0	203.0	
119 Benzyl chloride	91	10.950	10.950	0.000	99	1401171	200.0	194.0	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	2387764	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	94	1400442	NC	NC	
122 n-Butylbenzene	92	11.056	11.057	0.000	97	1348226	200.0	203.0	
123 1,2-Dichlorobenzene	146	11.097	11.098	-0.001	97	1367035	200.0	194.8	
124 1,2,4,5-Tetramethylbenzene	119	11.525	11.525	0.000	97	2773719	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.590	11.591	-0.001	92	206636	200.0	172.8	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	0.000	98	1196250	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.059	12.059	0.000	93	1214859	200.0	193.7	
128 Hexachlorobutadiene	225	12.125	12.125	0.000	95	515383	200.0	198.0	
129 Naphthalene	128	12.223	12.223	0.000	99	2979774	200.0	192.2	
130 1,2,3-Trichlorobenzene	180	12.379	12.379	0.000	96	1141388	200.0	191.6	
S 131 1,2-Dichloroethene, Total	100				0		400.0	385.6	
S 132 Xylenes, Total	100				0		400.0	395.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00116	Amount Added: 20.00	Units: uL	
GAS Hi_00376	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00105	Amount Added: 20.00	Units: uL	
MIX I Hi_00132	Amount Added: 20.00	Units: uL	
Ethanol mix_00047	Amount Added: 20.00	Units: uL	
8FreonHi_00026	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 09-Dec-2020 19:08:00

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08555.D

Injection Date: 09-Dec-2020 16:30:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

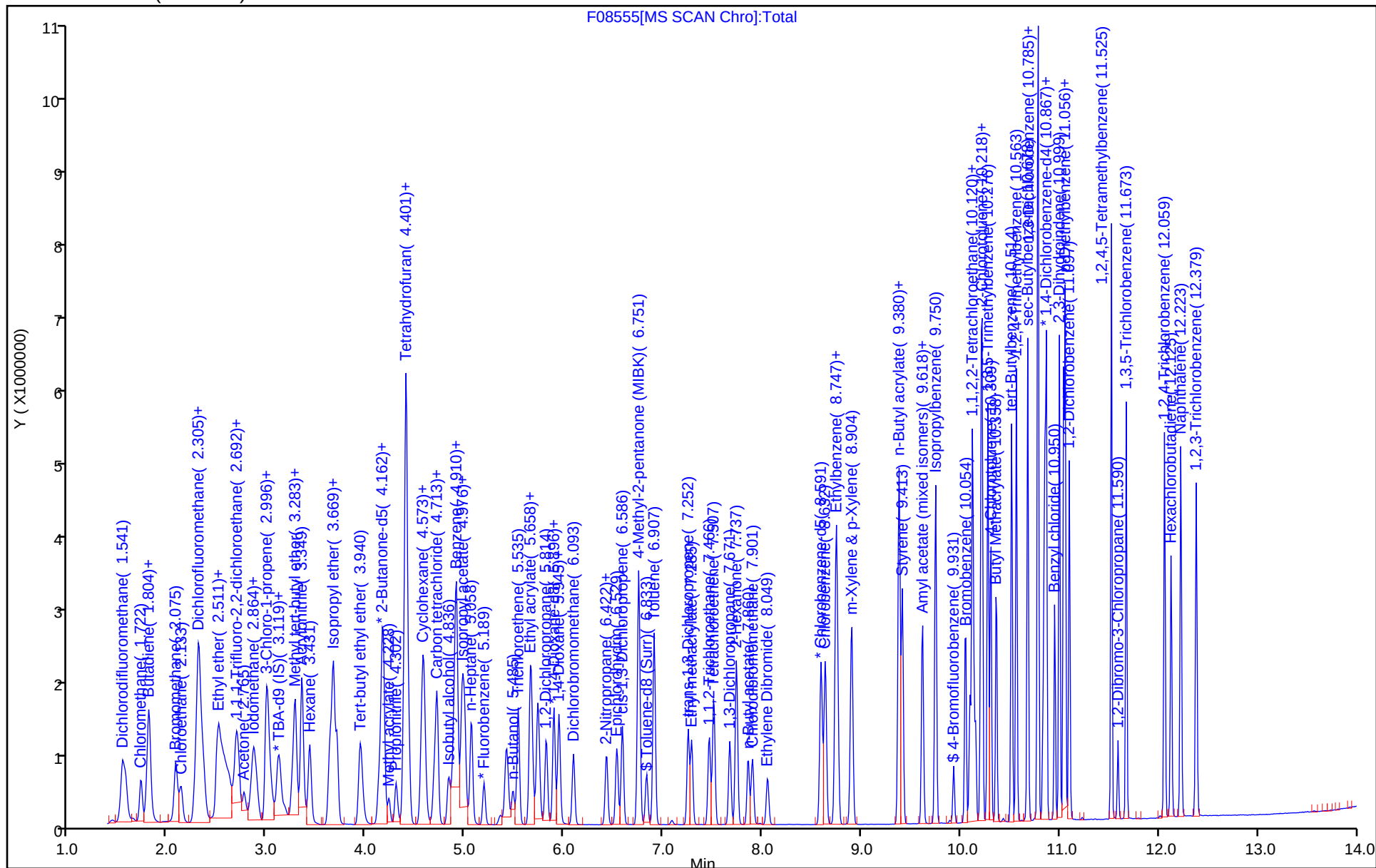
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08555.D

Injection Date: 09-Dec-2020 16:30:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

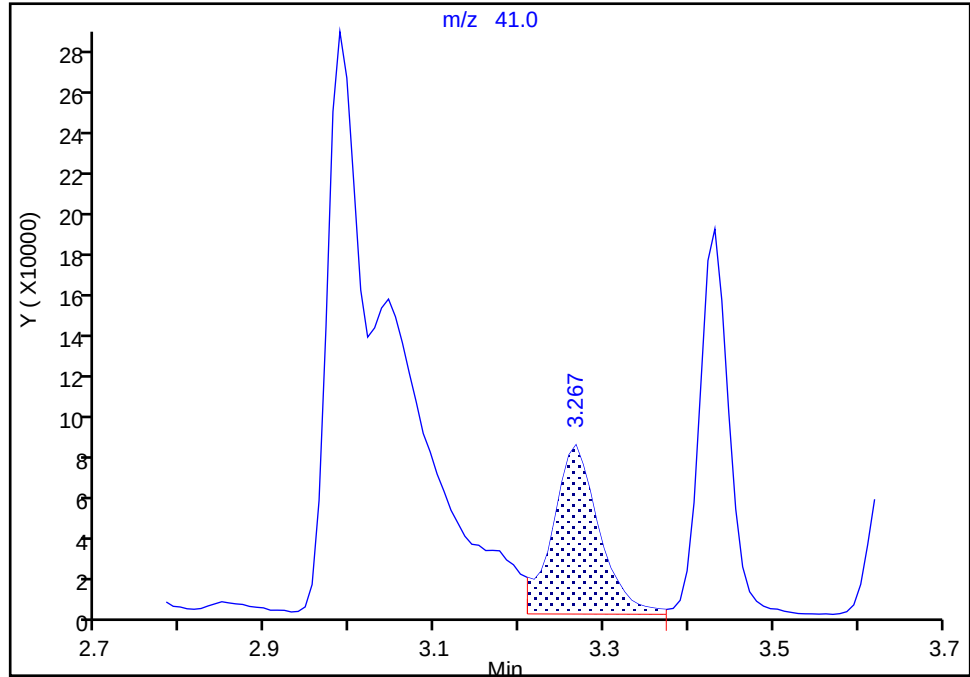
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

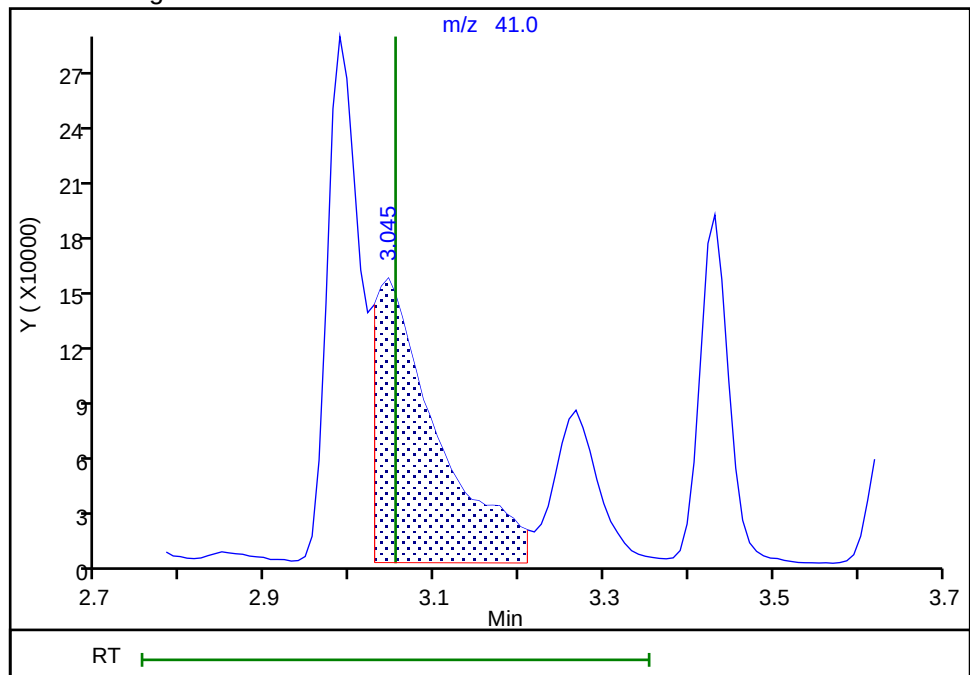
RT: 3.27
Area: 315173
Amount: 922.4548
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 793600
Amount: 1974.0312
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:43:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08555.D

Injection Date: 09-Dec-2020 16:30:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

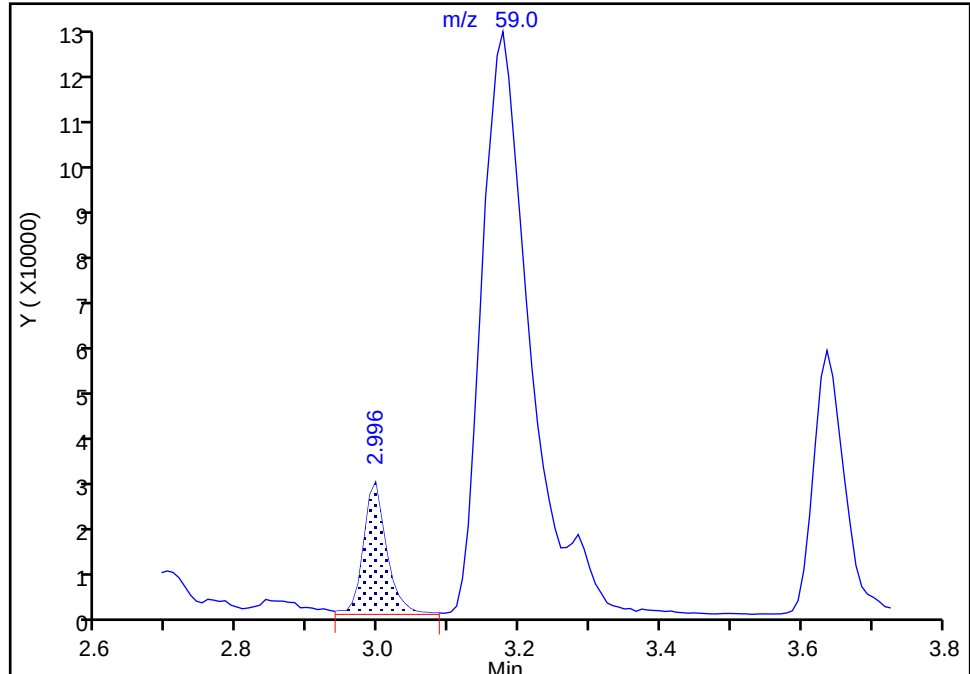
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

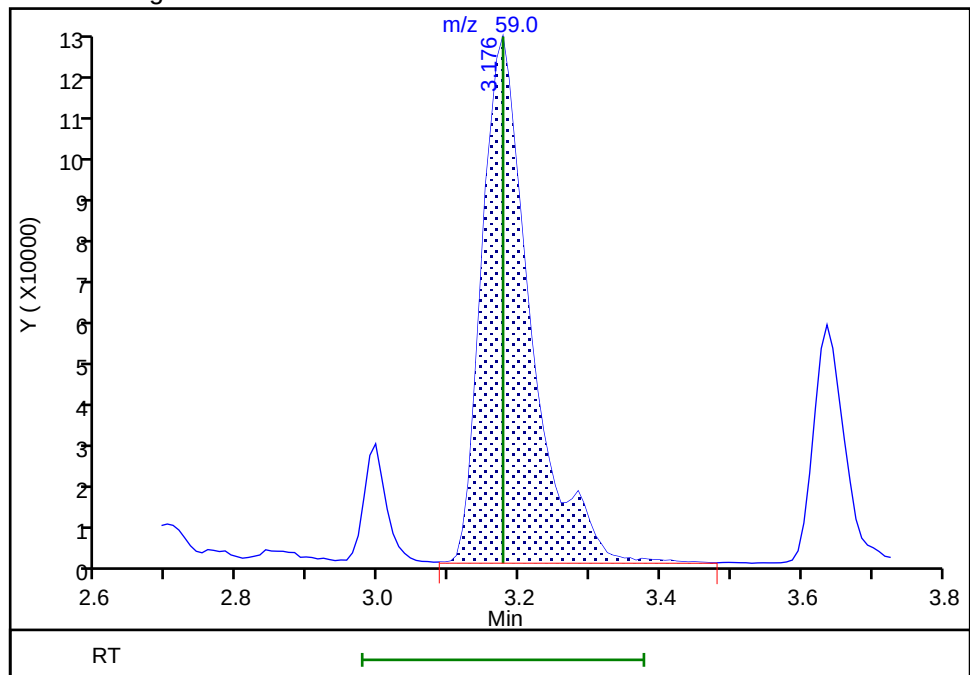
RT: 3.00
Area: 64100
Amount: 286.4507
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 596116
Amount: 1933.5142
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:43:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-Dec-2020 16:55:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0121321-010
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 09-Dec-2020 19:08:15 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1662

First Level Reviewer: baronm

Date: 09-Dec-2020 17:48:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	99	2188105	500.0	514.0	
2 Chloromethane	50	1.730	1.730	0.000	99	2069594	500.0	444.3	
3 Butadiene	54	1.812	1.812	0.000	95	2073732	500.0	492.8	
4 Vinyl chloride	62	1.812	1.812	0.000	98	2290197	500.0	473.0	
5 Bromomethane	94	2.083	2.084	-0.001	99	1484660	500.0	330.4	
6 Chloroethane	64	2.133	2.141	-0.008	99	1550835	500.0	457.0	
7 Dichlorofluoromethane	67	2.297	2.297	0.000	98	3362845	NC	NC	
8 Trichlorofluoromethane	101	2.297	2.306	-0.009	98	3078256	500.0	451.2	
9 Pentane	72	2.322	2.322	0.000	95	585176	1000.0	694.5	
11 Ethanol	46	2.494	2.503	-0.009	74	283808	20000	16727	
10 Ethyl ether	59	2.503	2.503	0.000	94	974082	500.0	442.8	
12 2-Methyl-1,3-butadiene	53	2.519	2.519	0.000	97	1111444	500.0	485.5	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.568	2.560	0.008	85	1347106	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	92	1901999	NC	NC	
15 Acrolein	56	2.667	2.667	0.000	32	127780	400.0	366.3	
16 112TCTFE	101	2.683	2.683	0.000	91	1403628	500.0	449.2	
17 1,1-Dichloroethene	96	2.708	2.700	0.008	97	1289748	500.0	490.6	
18 Acetone	43	2.774	2.774	0.000	87	1847447	2500.0	2005.1	
19 Iodomethane	142	2.856	2.856	0.000	98	2553310	500.0	475.7	
20 Isopropyl alcohol	45	2.864	2.856	0.008	33	800201	5000.0	4168.9	
21 Carbon disulfide	76	2.889	2.889	0.000	100	4493156	500.0	477.7	
22 3-Chloro-1-propene	41	2.996	2.996	0.000	93	2136068	500.0	500.8	M
23 Methyl acetate	43	2.996	3.004	-0.008	98	1781631	1000.0	971.9	
24 Cyclopentene	67	3.020	3.020	0.000	92	3189760	NC	NC	
25 Acetonitrile	41	3.037	3.053	-0.016	26	2030900	5000.0	4402.1	Ma
* 27 TBA-d9 (IS)	65	3.119	3.111	0.008	0	397026	1000.0	1000.0	
26 Methylene Chloride	84	3.127	3.119	0.008	89	1431823	500.0	445.7	
28 2-Methyl-2-propanol	59	3.185	3.176	0.009	95	1552721	5000.0	4388.7	a
29 Methyl tert-butyl ether	73	3.267	3.275	-0.008	95	3948822	500.0	482.2	
30 trans-1,2-Dichloroethene	96	3.291	3.292	-0.001	93	1414741	500.0	479.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.357	3.357	0.000	96	5243328	5000.0	4630.2	
32 Hexane	43	3.431	3.439	-0.008	91	983920	500.0	500.7	
33 Isopropyl ether	45	3.645	3.637	0.008	91	3483449	500.0	488.7	
34 1,1-Dichloroethane	63	3.669	3.670	-0.001	99	2336711	500.0	512.1	
35 Vinyl acetate	86	3.678	3.678	0.000	99	686989	1000.0	1042.1	
36 2-Chloro-1,3-butadiene	88	3.710	3.711	-0.001	91	1190950	NC	NC	
37 Tert-butyl ethyl ether	59	3.949	3.949	0.000	90	3656104	NC	NC	
* 38 2-Butanone-d5	46	4.129	4.130	-0.001	0	346101	250.0	250.0	
39 2,2-Dichloropropane	97	4.162	4.154	0.008	95	505410	500.0	480.5	
40 cis-1,2-Dichloroethene	96	4.171	4.163	0.008	99	1555349	500.0	511.4	
42 2-Butanone (MEK)	72	4.179	4.179	0.000	97	842326	2500.0	2112.4	
41 Ethyl acetate	70	4.179	4.179	0.000	97	299786	1000.0	937.8	
43 Methyl acrylate	55	4.236	4.236	0.000	99	1048006	NC	NC	
44 Propionitrile	54	4.310	4.310	0.000	98	1842375	NC	NC	
46 Tetrahydrofuran	72	4.384	4.376	0.008	90	399949	1000.0	902.6	
45 Chlorobromomethane	128	4.384	4.384	0.000	84	854991	500.0	487.9	
47 Methacrylonitrile	67	4.409	4.409	0.000	90	6462035	NC	NC	
48 Chloroform	83	4.433	4.434	-0.001	99	2348070	500.0	497.4	
49 Cyclohexane	84	4.573	4.573	0.000	89	2377461	500.0	493.4	
50 1,1,1-Trichloroethane	97	4.581	4.582	-0.001	98	2280822	500.0	488.4	
\$ 51 Dibromofluoromethane (Surr)	113	4.590	4.582	0.008	35	149269	50.0	50.7	
52 Carbon tetrachloride	117	4.696	4.697	-0.001	97	2058433	500.0	496.7	
53 1,1-Dichloropropene	75	4.721	4.721	0.000	96	1790572	500.0	504.4	
54 Isobutyl alcohol	43	4.836	4.836	0.000	98	1357192	NC	NC	
55 Benzene	78	4.910	4.910	0.000	96	5323591	500.0	487.5	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	-0.001	0	181794	50.0	57.2	
57 Isopropyl acetate	43	4.968	4.968	0.000	95	3623303	500.0	530.9	
58 Tert-amyl methyl ether	73	4.984	4.976	0.008	93	4050196	NC	NC	
59 1,2-Dichloroethane	62	5.000	5.001	-0.001	96	1716487	500.0	502.5	
60 n-Heptane	57	5.066	5.066	0.000	87	911541	500.0	491.4	
* 61 Fluorobenzene	96	5.198	5.190	0.008	99	576843	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	85	1000211	12500	11324	
63 Trichloroethene	95	5.535	5.535	0.000	96	1337949	500.0	506.8	
64 Ethyl acrylate	55	5.658	5.658	0.000	99	3310469	500.0	512.9	
65 Methylcyclohexane	83	5.666	5.666	0.000	86	2712698	500.0	520.4	
66 1,2-Dichloropropane	63	5.822	5.822	0.000	92	1203706	500.0	495.4	
* 67 1,4-Dioxane-d8	96	5.871	5.872	-0.001	0	52380	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	82	801242	1000.0	1002.2	
71 1,4-Dioxane	88	5.929	5.929	0.000	81	343250	10000	6050.2	
69 Dibromomethane	93	5.945	5.946	-0.001	94	884629	500.0	490.6	
70 n-Propyl acetate	43	5.954	5.954	0.000	97	1597535	500.0	479.9	
72 Dichlorobromomethane	83	6.093	6.094	-0.001	99	1766234	500.0	533.0	
74 2-Nitropropane	41	6.430	6.422	0.008	99	788553	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	87	754508	501.2	486.6	
75 Epichlorohydrin	57	6.537	6.529	0.008	99	2741154	10000	8480.5	
76 cis-1,3-Dichloropropene	75	6.595	6.587	0.009	92	2183767	500.0	496.3	
77 4-Methyl-2-pentanone (MIBK)	43	6.759	6.751	0.008	95	6829757	2500.0	2575.8	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	99	531999	50.0	47.9	
79 Toluene	91	6.907	6.907	0.000	93	5800090	500.0	495.0	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	2030832	500.0	499.0	
81 Ethyl methacrylate	69	7.293	7.285	0.008	86	1759864	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	94	981899	500.0	500.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.515	7.507	0.008	97	1605457	500.0	473.2	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	92	1987085	500.0	485.2	
85 2-Hexanone	43	7.745	7.737	0.008	94	4166048	2500.0	2454.5	
86 n-Butyl acetate	43	7.860	7.860	0.000	98	1799902	500.0	476.2	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	1484947	500.0	508.9	
88 Ethylene Dibromide	107	8.057	8.057	0.000	98	1290950	500.0	479.8	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	82	474674	50.0	50.0	
90 Chlorobenzene	112	8.641	8.633	0.008	96	3960403	500.0	498.1	
91 Ethylbenzene	106	8.747	8.739	0.008	98	2184044	500.0	500.1	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	95	1641197	500.0	493.1	
93 m-Xylene & p-Xylene	106	8.903	8.904	-0.001	0	2611433	500.0	496.7	
94 n-Butyl acrylate	73	9.380	9.372	0.008	98	1165359	500.0	530.0	
95 o-Xylene	106	9.388	9.380	0.008	94	2847030	500.0	520.7	
96 Styrene	104	9.413	9.413	0.000	96	4494818	500.0	519.8	
97 Amyl acetate (mixed isomers)	43	9.618	9.610	0.008	92	2527806	500.0	526.9	
98 Bromoform	173	9.618	9.619	-0.001	98	1180061	500.0	504.7	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	7598518	500.0	520.7	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	93	196811	50.0	48.0	
101 Bromobenzene	156	10.054	10.054	0.000	92	1893318	500.0	512.9	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	1738895	500.0	505.9	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	8454772	500.0	534.0	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	97	553610	500.0	494.9	
105 trans-1,4-Dichloro-2-butene	53	10.152	10.153	-0.001	79	461454	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	97	6129350	500.0	565.8	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	7299130	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	93	6608757	500.0	552.7	
109 4-Chlorotoluene	91	10.309	10.309	0.000	97	5267109	500.0	537.6	
110 Butyl Methacrylate	87	10.366	10.358	0.008	89	2180060	500.0	589.3	
111 tert-Butylbenzene	119	10.522	10.514	0.008	95	6016687	500.0	582.9	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	97	6815601	500.0	557.1	
113 sec-Butylbenzene	105	10.678	10.679	-0.001	98	8463051	500.0	538.3	
114 1,3-Dichlorobenzene	146	10.785	10.777	0.008	96	4140562	500.0	553.8	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	96	8054153	500.0	563.4	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	91	281982	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	96	3915234	500.0	521.5	
118 1,2,3-Trimethylbenzene	105	10.867	10.868	-0.001	98	7193705	500.0	538.4	
119 Benzyl chloride	91	10.950	10.950	0.000	99	3885481	500.0	505.9	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	6648653	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	94	4017976	NC	NC	
122 n-Butylbenzene	92	11.056	11.057	0.000	98	3946767	500.0	558.7	
123 1,2-Dichlorobenzene	146	11.106	11.098	0.008	97	3823465	500.0	512.4	
124 1,2,4,5-Tetramethylbenzene	119	11.533	11.525	0.008	98	7685211	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.599	11.591	0.008	92	550046	500.0	432.5	
126 1,3,5-Trichlorobenzene	180	11.681	11.673	0.008	98	3248882	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.067	12.059	0.008	93	3236210	500.0	485.3	
128 Hexachlorobutadiene	225	12.133	12.125	0.008	95	1395943	500.0	504.4	
129 Naphthalene	128	12.231	12.223	0.008	99	7813738	500.0	473.8	
130 1,2,3-Trichlorobenzene	180	12.387	12.379	0.008	96	3017172	500.0	476.2	
S 131 1,2-Dichloroethene, Total	100				0		1000.0	990.4	
S 132 Xylenes, Total	100				0		1000.0	1017.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00116	Amount Added: 40.00	Units: uL	
GAS Hi_00376	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00105	Amount Added: 50.00	Units: uL	
MIX I Hi_00132	Amount Added: 50.00	Units: uL	
Ethanol mix_00047	Amount Added: 50.00	Units: uL	
8FreonHi_00026	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D

Injection Date: 09-Dec-2020 16:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD500

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

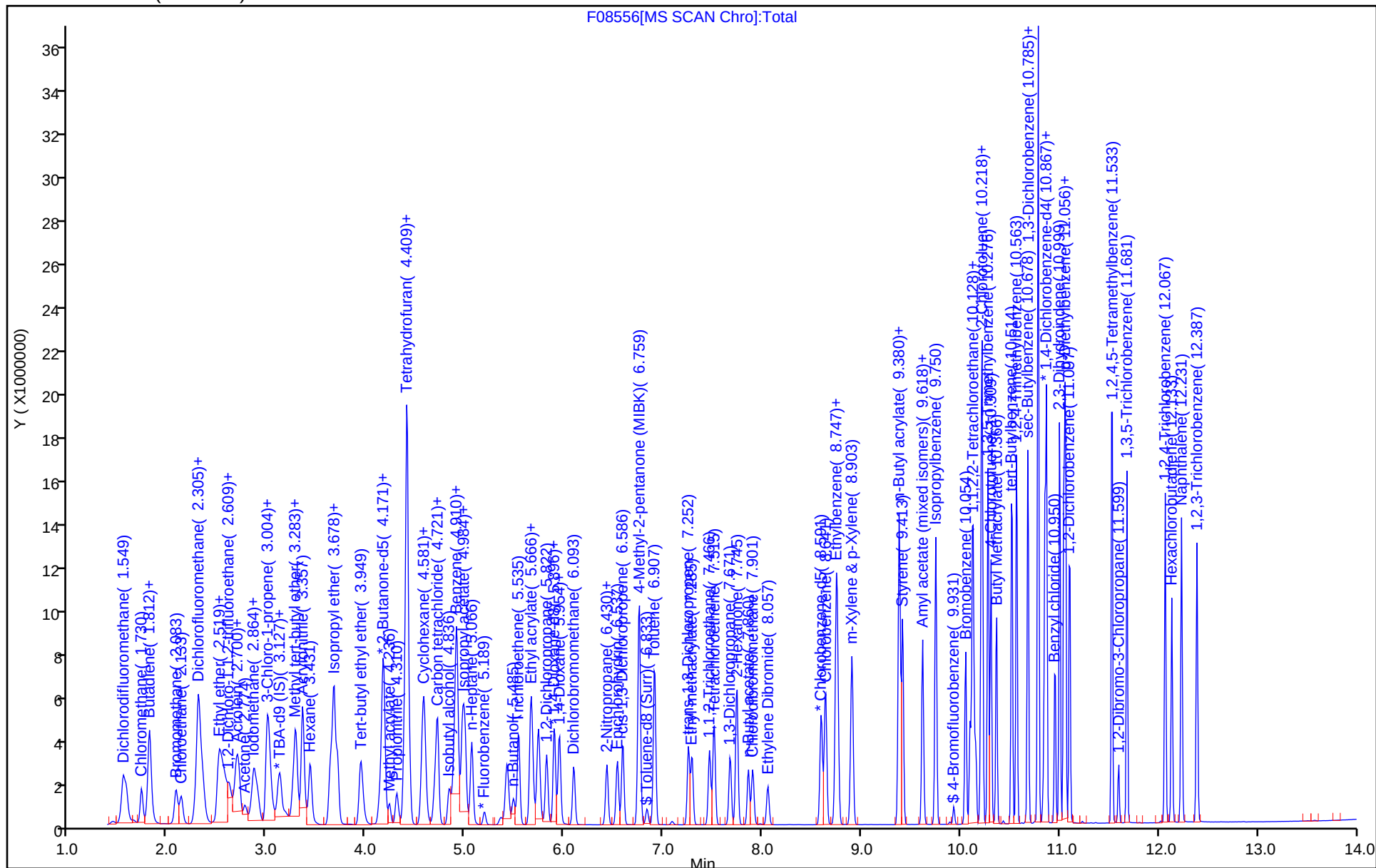
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D

Injection Date: 09-Dec-2020 16:55:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

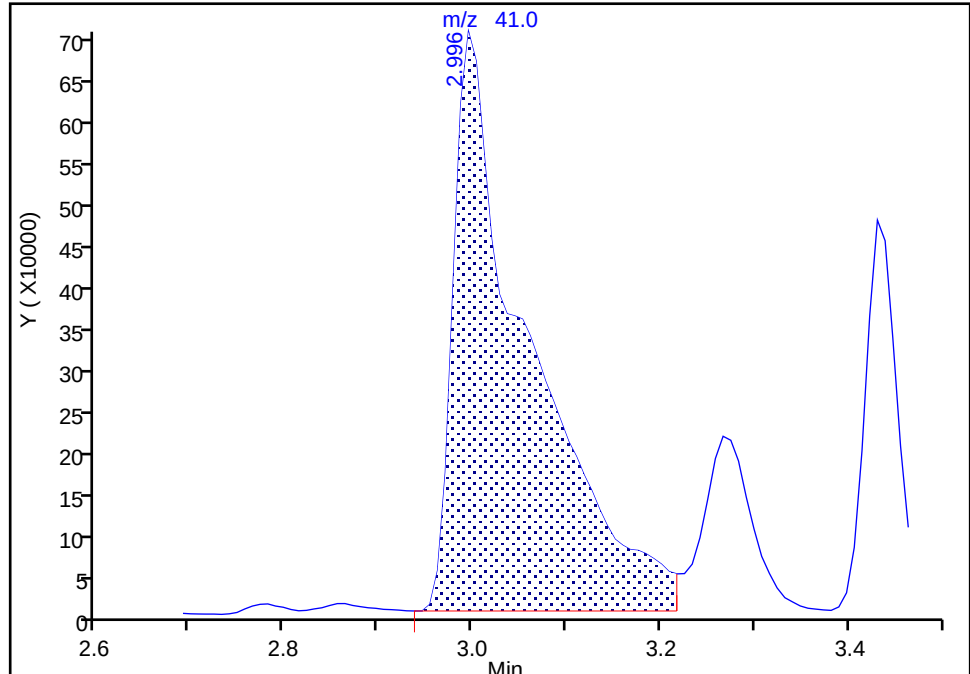
Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

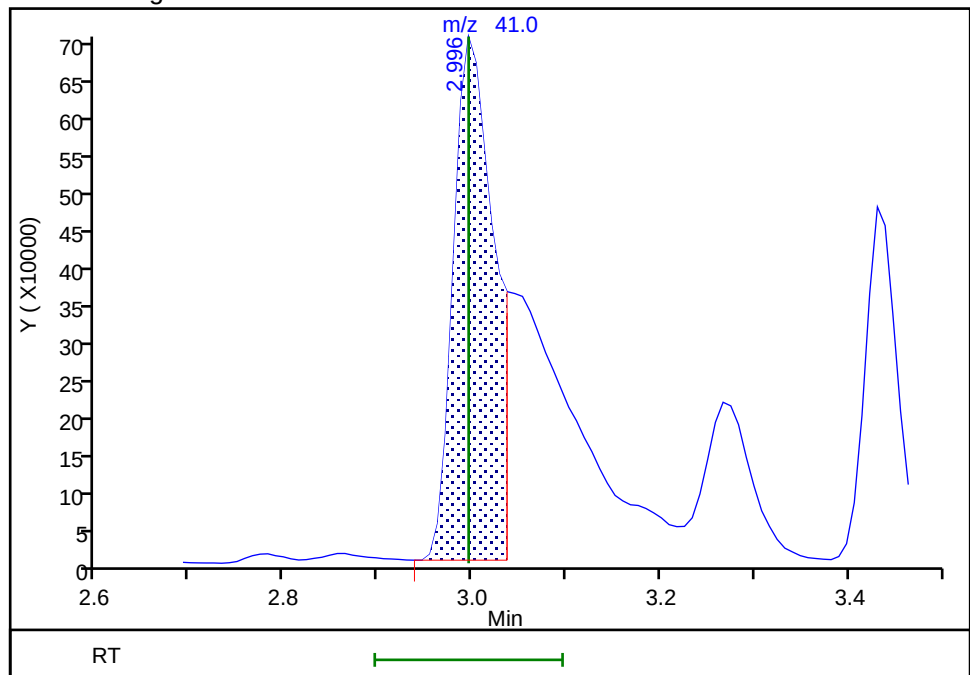
RT: 3.00
Area: 3920997
Amount: 500.4302
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 2136068
Amount: 500.7706
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 18:33:16

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D

Injection Date: 09-Dec-2020 16:55:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

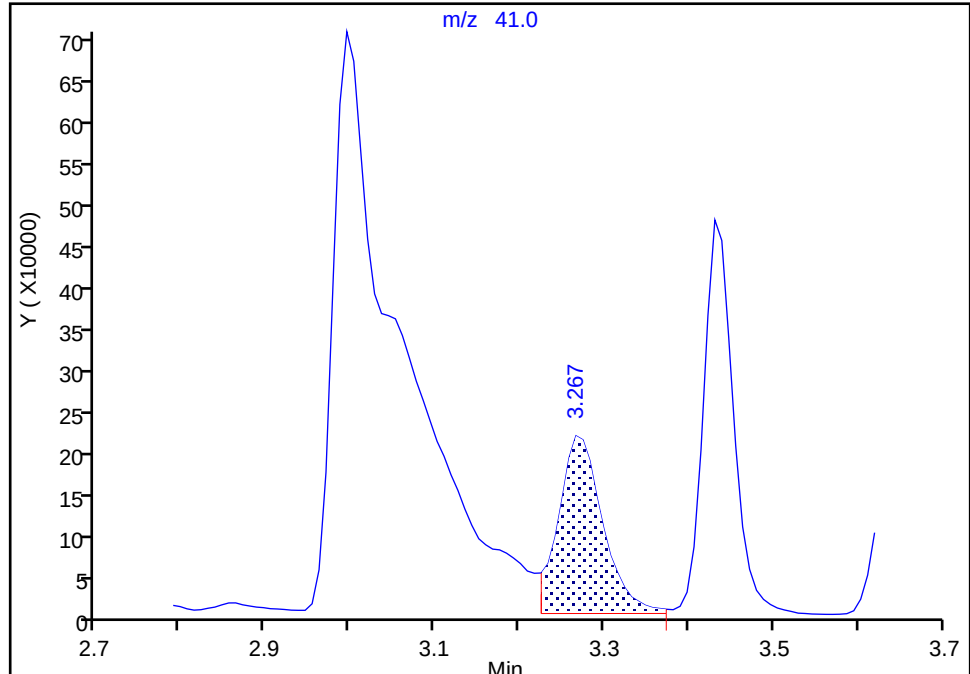
Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

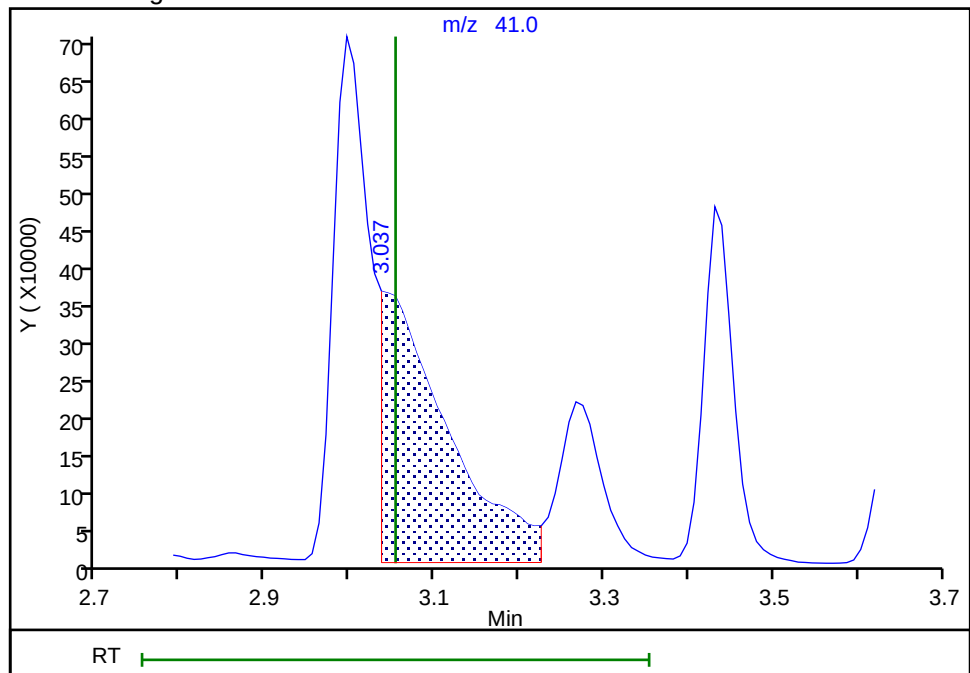
RT: 3.27
Area: 786159
Amount: 1795.5497
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 2030900
Amount: 4402.1430
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:47:20

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D

Injection Date: 09-Dec-2020 16:55:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

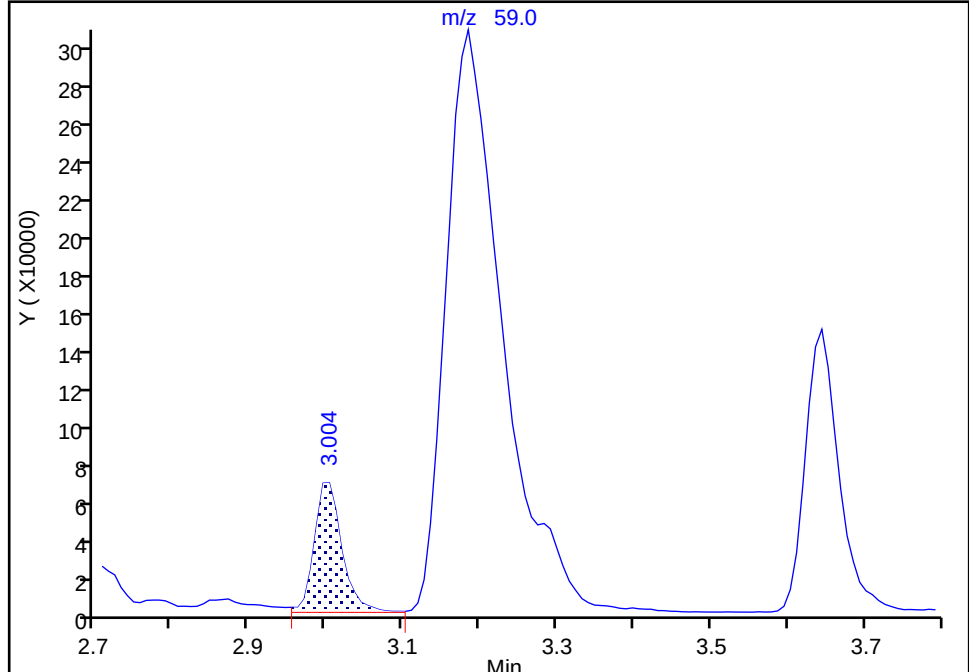
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

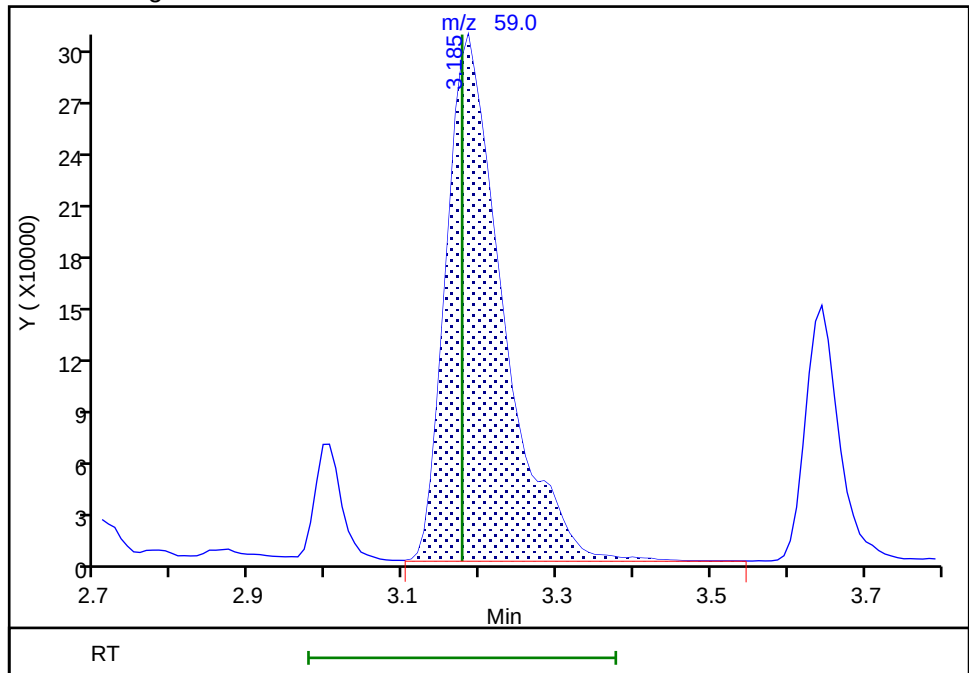
RT: 3.00
Area: 168790
Amount: 548.6057
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 1552721
Amount: 4388.6734
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Dec-2020 17:47:31

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

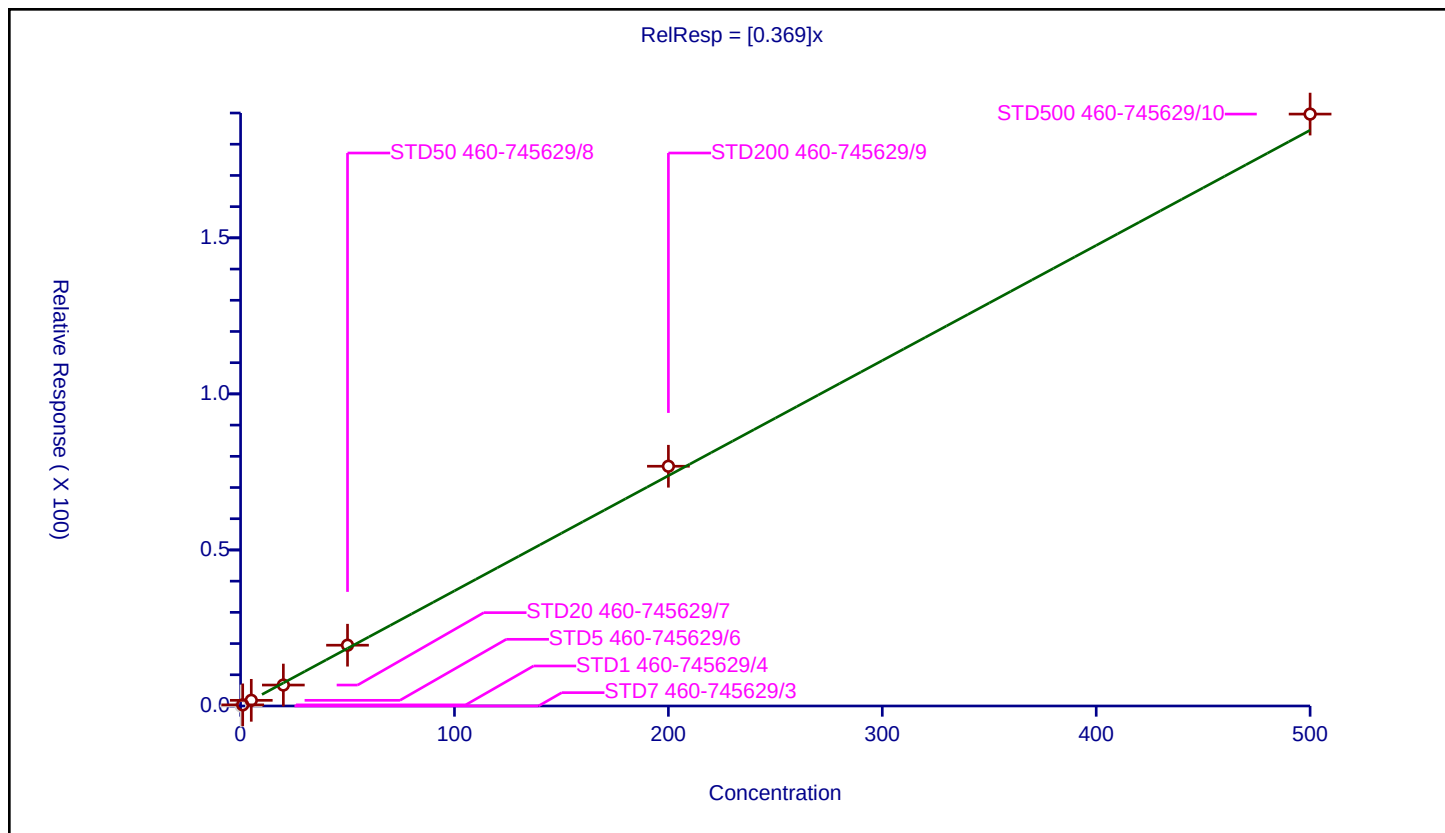
Curve Coefficients

Intercept: 0
 Slope: 0.369

Error Coefficients

Standard Error: 1060000
 Relative Standard Error: 5.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.361331	50.0	518361.0	0.361331	Y
3	STD5 460-745629/6	5.0	1.819347	50.0	521753.0	0.363869	Y
4	STD20 460-745629/7	20.0	6.714123	50.0	551107.0	0.335706	Y
5	STD50 460-745629/8	50.0	19.473837	50.0	521302.0	0.389477	Y
6	STD200 460-745629/9	200.0	76.823273	50.0	556554.0	0.384116	Y
7	STD500 460-745629/10	500.0	189.662092	50.0	576843.0	0.379324	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

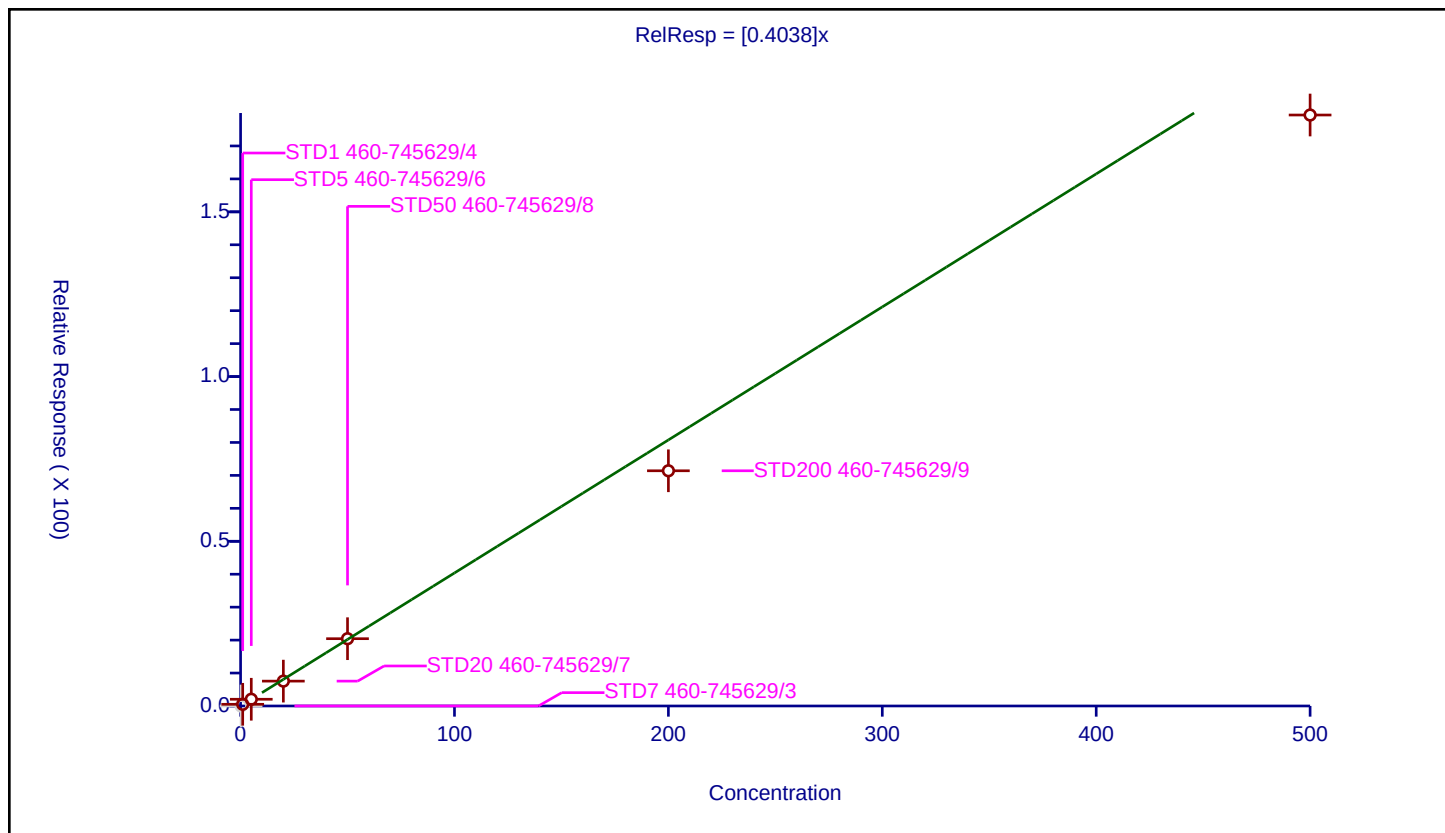
Curve Coefficients

Intercept: 0
 Slope: 0.4038

Error Coefficients

Standard Error: 997000
 Relative Standard Error: 14.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.512867	50.0	518361.0	0.512867	Y
3	STD5 460-745629/6	5.0	2.040333	50.0	521753.0	0.408067	Y
4	STD20 460-745629/7	20.0	7.551619	50.0	551107.0	0.377581	Y
5	STD50 460-745629/8	50.0	20.424917	50.0	521302.0	0.408498	Y
6	STD200 460-745629/9	200.0	71.396576	50.0	556554.0	0.356983	Y
7	STD500 460-745629/10	500.0	179.389713	50.0	576843.0	0.358779	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

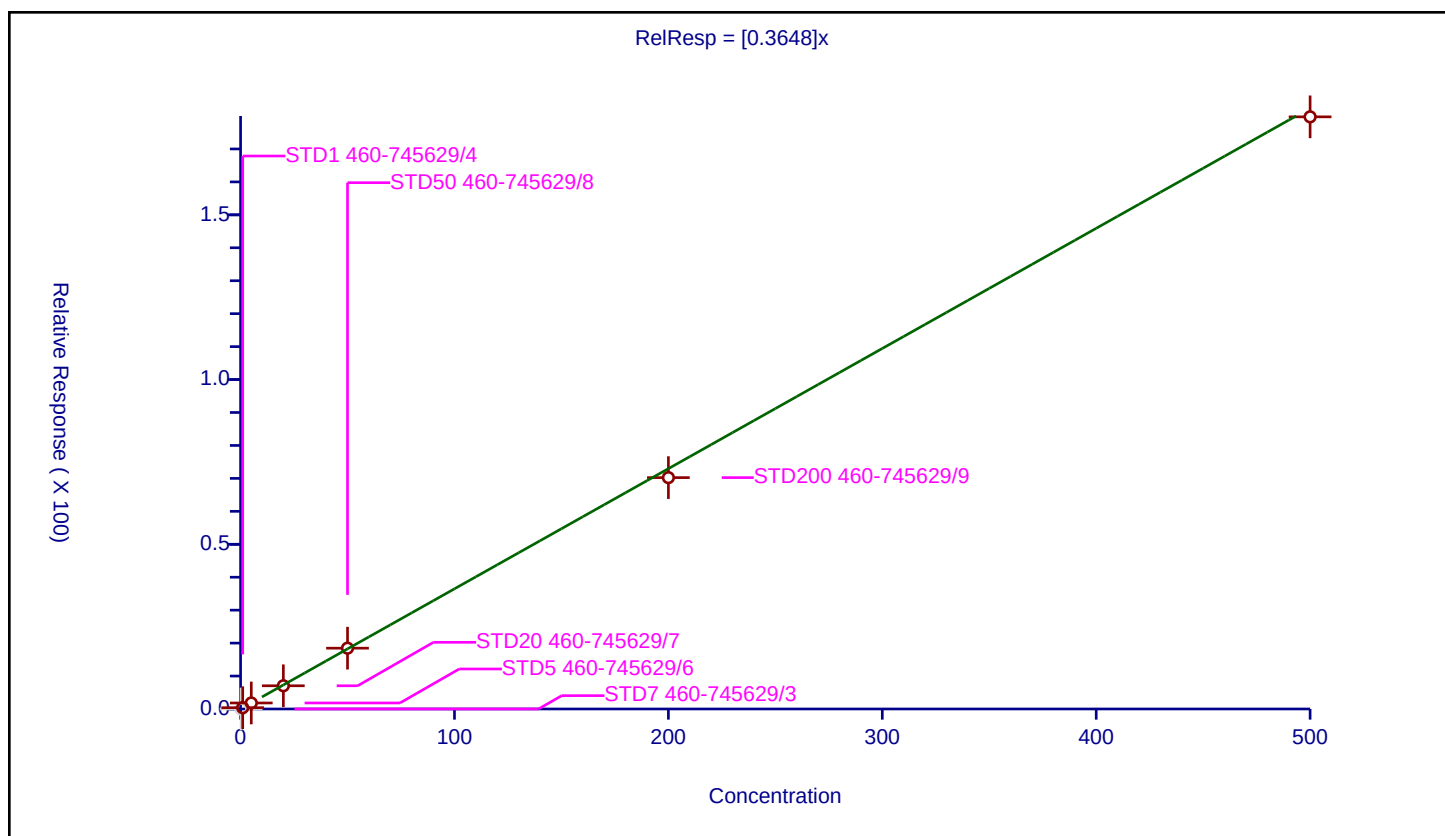
Curve Coefficients

Intercept: 0
Slope: 0.3648

Error Coefficients

Standard Error: 995000
Relative Standard Error: 4.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.391908	50.0	518361.0	0.391908	Y
3	STD5 460-745629/6	5.0	1.822606	50.0	521753.0	0.364521	Y
4	STD20 460-745629/7	20.0	7.047361	50.0	551107.0	0.352368	Y
5	STD50 460-745629/8	50.0	18.461372	50.0	521302.0	0.369227	Y
6	STD200 460-745629/9	200.0	70.23155	50.0	556554.0	0.351158	Y
7	STD500 460-745629/10	500.0	179.748389	50.0	576843.0	0.359497	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

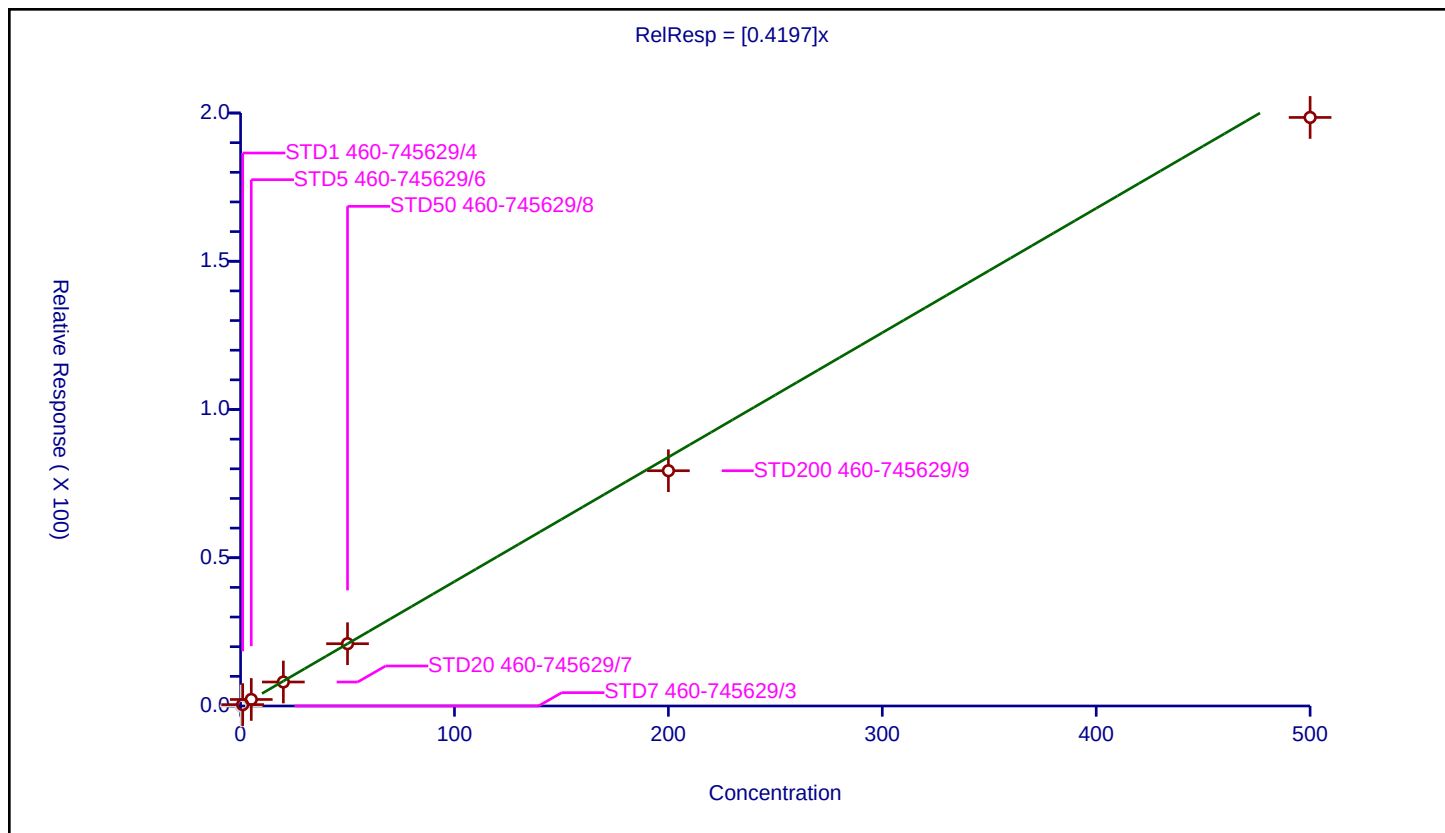
Curve Coefficients

Intercept: 0
 Slope: 0.4197

Error Coefficients

Standard Error: 1100000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.459236	50.0	518361.0	0.459236	Y
3	STD5 460-745629/6	5.0	2.201233	50.0	521753.0	0.440247	Y
4	STD20 460-745629/7	20.0	8.092893	50.0	551107.0	0.404645	Y
5	STD50 460-745629/8	50.0	21.001646	50.0	521302.0	0.420033	Y
6	STD200 460-745629/9	200.0	79.347107	50.0	556554.0	0.396736	Y
7	STD500 460-745629/10	500.0	198.511293	50.0	576843.0	0.397023	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

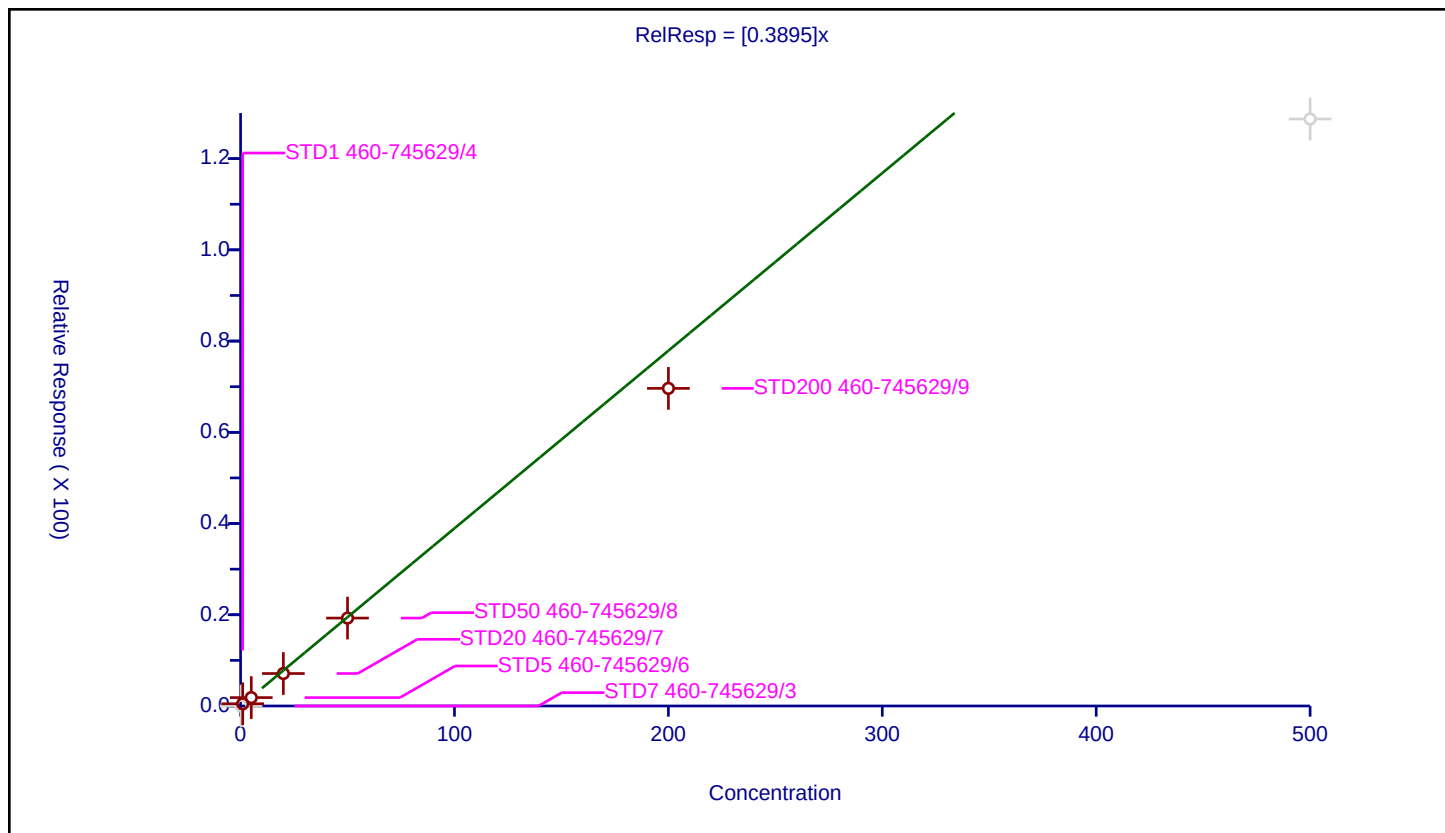
Curve Coefficients

Intercept: 0
 Slope: 0.3895

Error Coefficients

Standard Error: 402000
 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	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.489717	50.0	518361.0	0.489717	Y
3	STD5 460-745629/6	5.0	1.839855	50.0	521753.0	0.367971	Y
4	STD20 460-745629/7	20.0	7.119489	50.0	551107.0	0.355974	Y
5	STD50 460-745629/8	50.0	19.272322	50.0	521302.0	0.385446	Y
6	STD200 460-745629/9	200.0	69.629901	50.0	556554.0	0.34815	Y
7	STD500 460-745629/10	500.0	128.688395	50.0	576843.0	0.257377	N



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

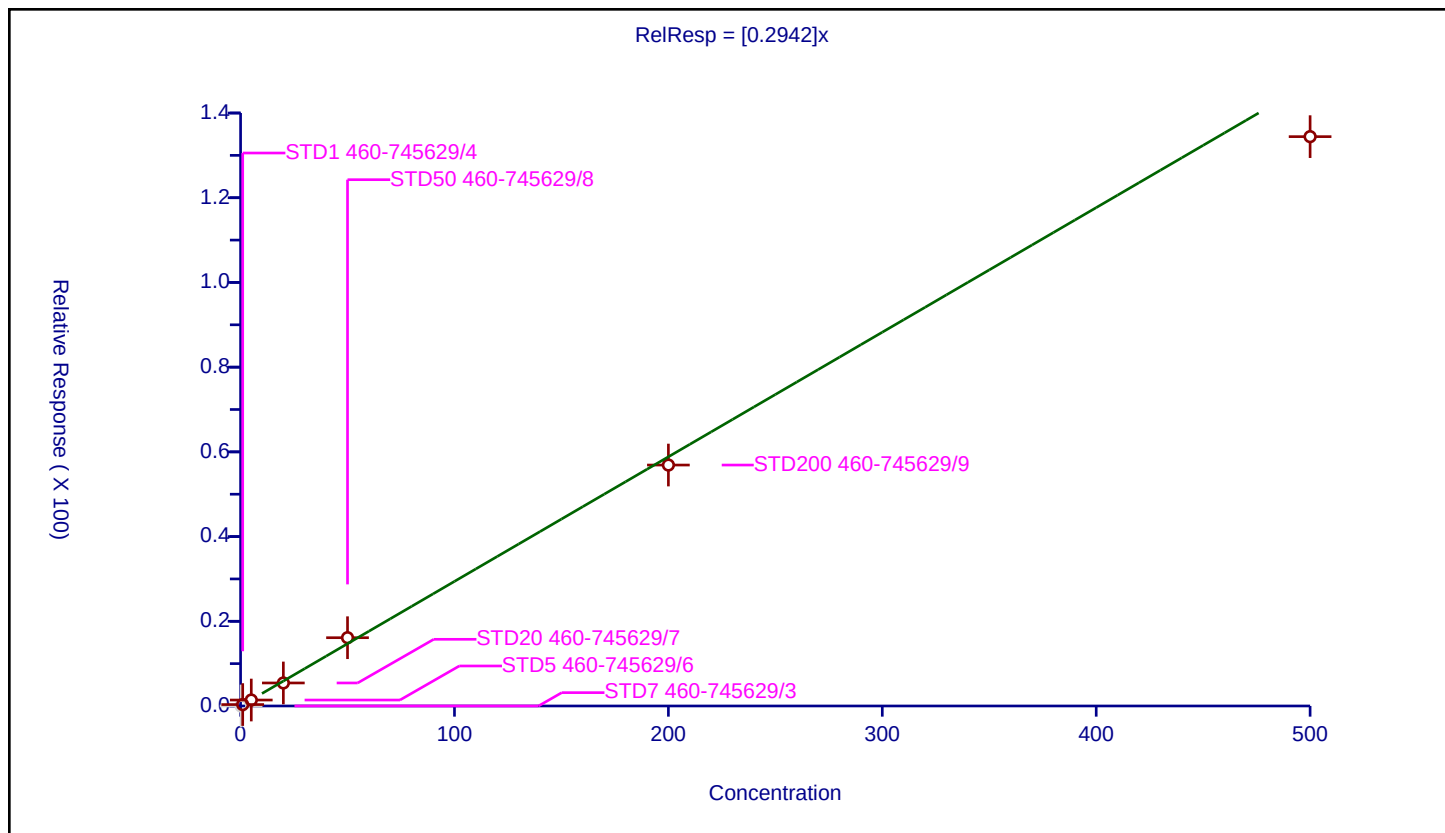
Curve Coefficients

Intercept: 0
 Slope: 0.2942

Error Coefficients

Standard Error: 753000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.336156	50.0	518361.0	0.336156	Y
3	STD5 460-745629/6	5.0	1.406604	50.0	521753.0	0.281321	Y
4	STD20 460-745629/7	20.0	5.436059	50.0	551107.0	0.271803	Y
5	STD50 460-745629/8	50.0	16.118776	50.0	521302.0	0.322376	Y
6	STD200 460-745629/9	200.0	56.885495	50.0	556554.0	0.284427	Y
7	STD500 460-745629/10	500.0	134.424358	50.0	576843.0	0.268849	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

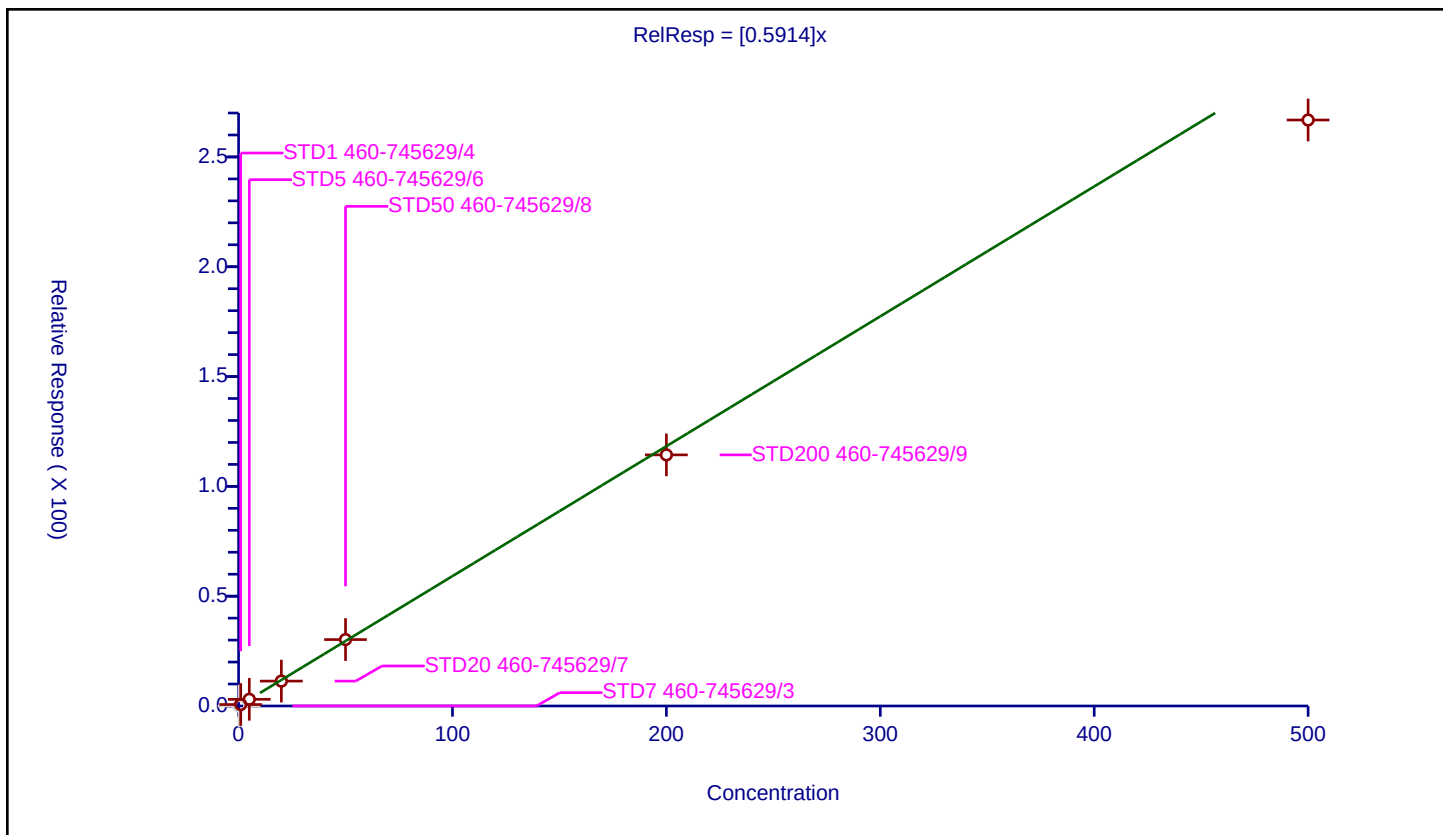
Curve Coefficients

Intercept: 0
 Slope: 0.5914

Error Coefficients

Standard Error: 1500000
 Relative Standard Error: 7.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.25	0.0	50.0	490642.0	0.0	N
2	STD1 460-745629/4	1.0	0.662666	50.0	518361.0	0.662666	Y
3	STD5 460-745629/6	5.0	3.045982	50.0	521753.0	0.609196	Y
4	STD20 460-745629/7	20.0	11.329833	50.0	551107.0	0.566492	Y
5	STD50 460-745629/8	50.0	30.234969	50.0	521302.0	0.604699	Y
6	STD200 460-745629/9	200.0	114.337602	50.0	556554.0	0.571688	Y
7	STD500 460-745629/10	500.0	266.819221	50.0	576843.0	0.533638	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

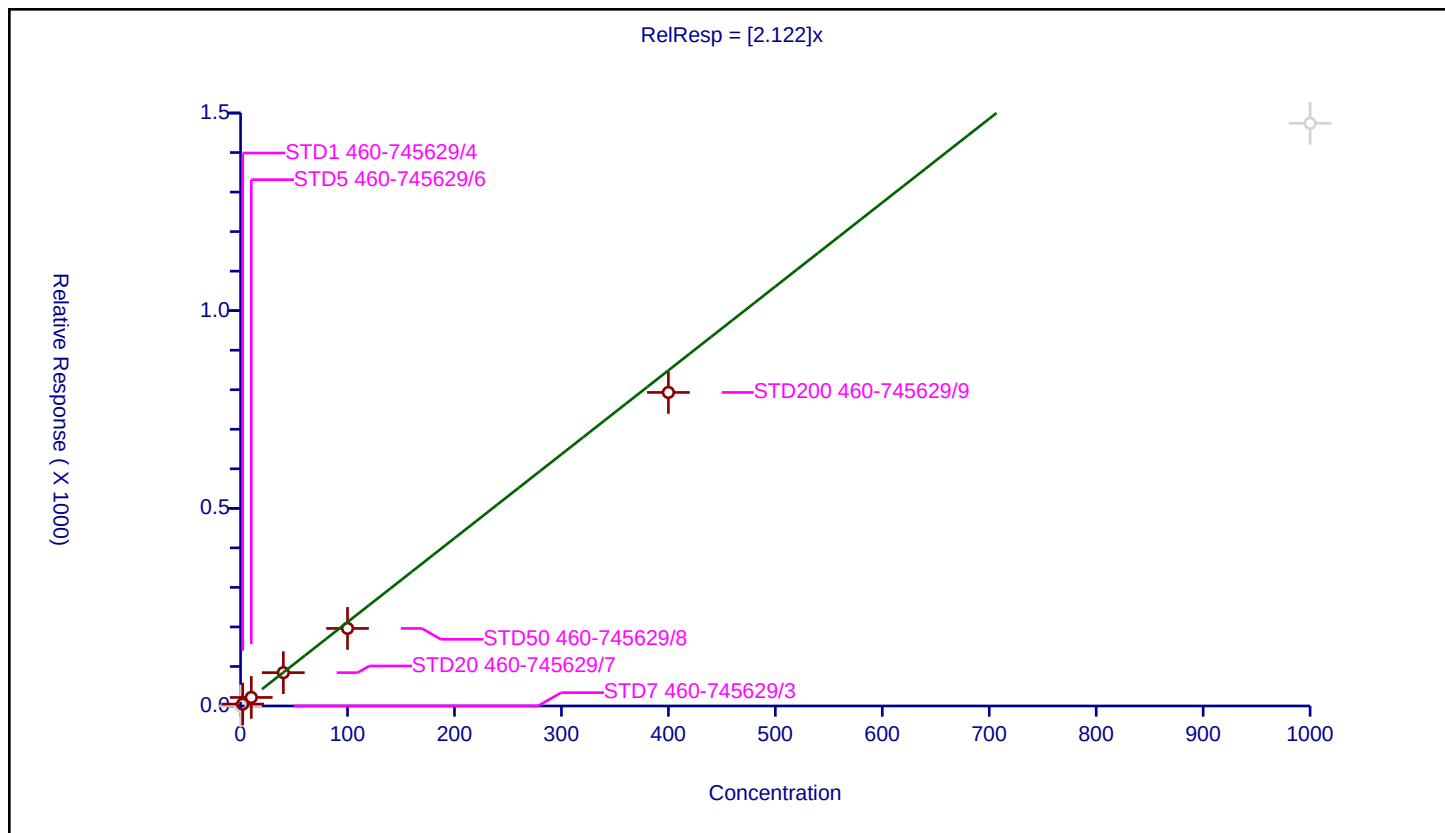
Curve Coefficients

Intercept: 0
Slope: 2.122

Error Coefficients

Standard Error: 142000
Relative Standard Error: 8.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	2.0	4.796317	1000.0	326709.0	2.398159	Y
3	STD5 460-745629/6	10.0	21.595451	1000.0	333774.0	2.159545	Y
4	STD20 460-745629/7	40.0	84.352345	1000.0	339054.0	2.108809	Y
5	STD50 460-745629/8	100.0	196.216951	1000.0	339303.0	1.96217	Y
6	STD200 460-745629/9	400.0	793.203516	1000.0	345973.0	1.983009	Y
7	STD500 460-745629/10	1000.0	1473.898435	1000.0	397026.0	1.473898	N



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

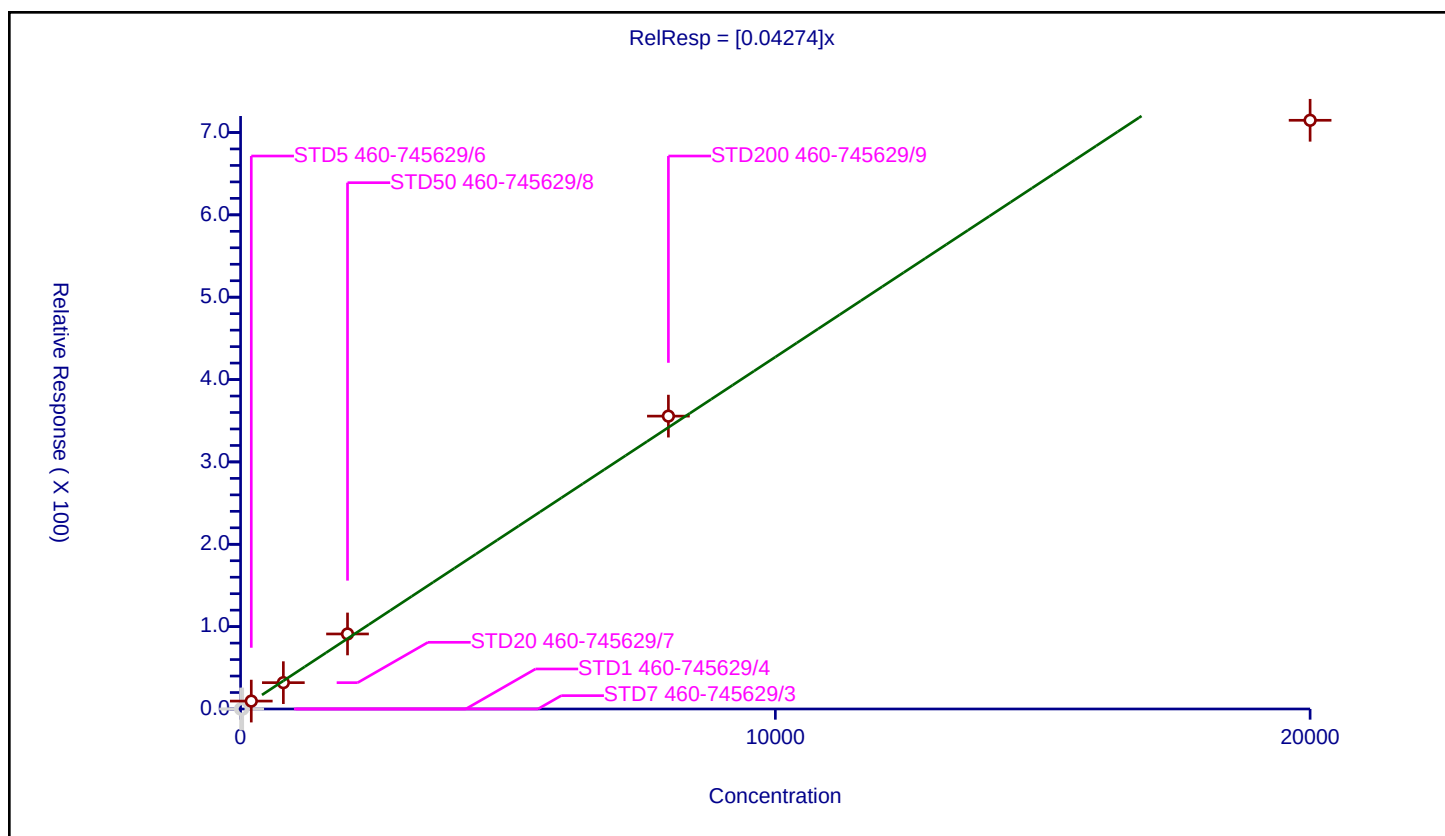
Curve Coefficients

Intercept: 0
 Slope: 0.04274

Error Coefficients

Standard Error: 155000
 Relative Standard Error: 11.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	40.0	0.0	1000.0	326709.0	0.0	N
3	STD5 460-745629/6	200.0	9.593318	1000.0	333774.0	0.047967	Y
4	STD20 460-745629/7	800.0	31.971308	1000.0	339054.0	0.039964	Y
5	STD50 460-745629/8	2000.0	91.110306	1000.0	339303.0	0.045555	Y
6	STD200 460-745629/9	8000.0	355.614455	1000.0	345973.0	0.044452	Y
7	STD500 460-745629/10	20000.0	714.834797	1000.0	397026.0	0.035742	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

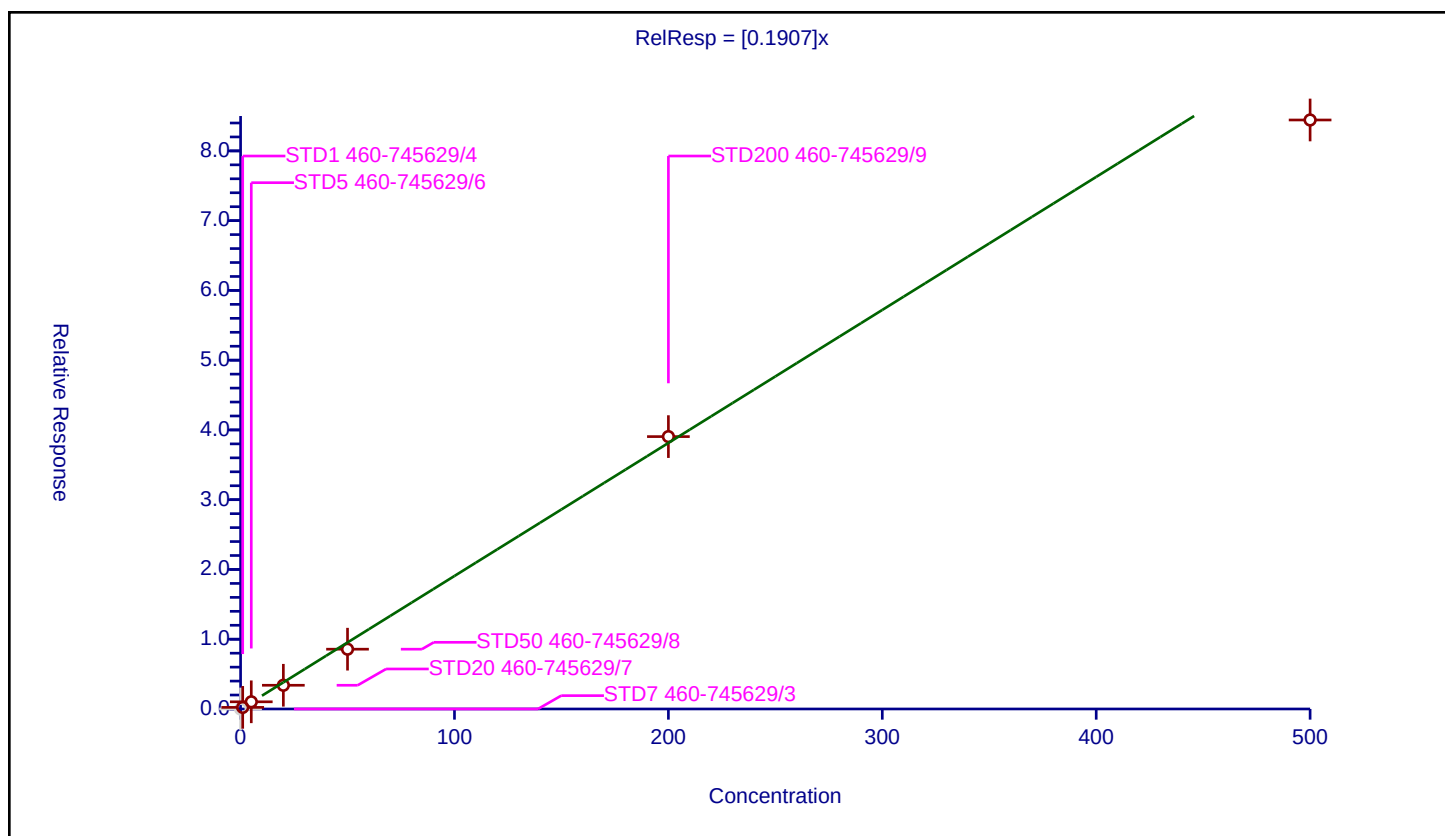
Curve Coefficients

Intercept: 0
Slope: 0.1907

Error Coefficients

Standard Error: 479000
Relative Standard Error: 13.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.232656	50.0	518361.0	0.232656	Y
3	STD5 460-745629/6	5.0	1.029223	50.0	521753.0	0.205845	Y
4	STD20 460-745629/7	20.0	3.400701	50.0	551107.0	0.170035	Y
5	STD50 460-745629/8	50.0	8.57219	50.0	521302.0	0.171444	Y
6	STD200 460-745629/9	200.0	39.045358	50.0	556554.0	0.195227	Y
7	STD500 460-745629/10	500.0	84.432159	50.0	576843.0	0.168864	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

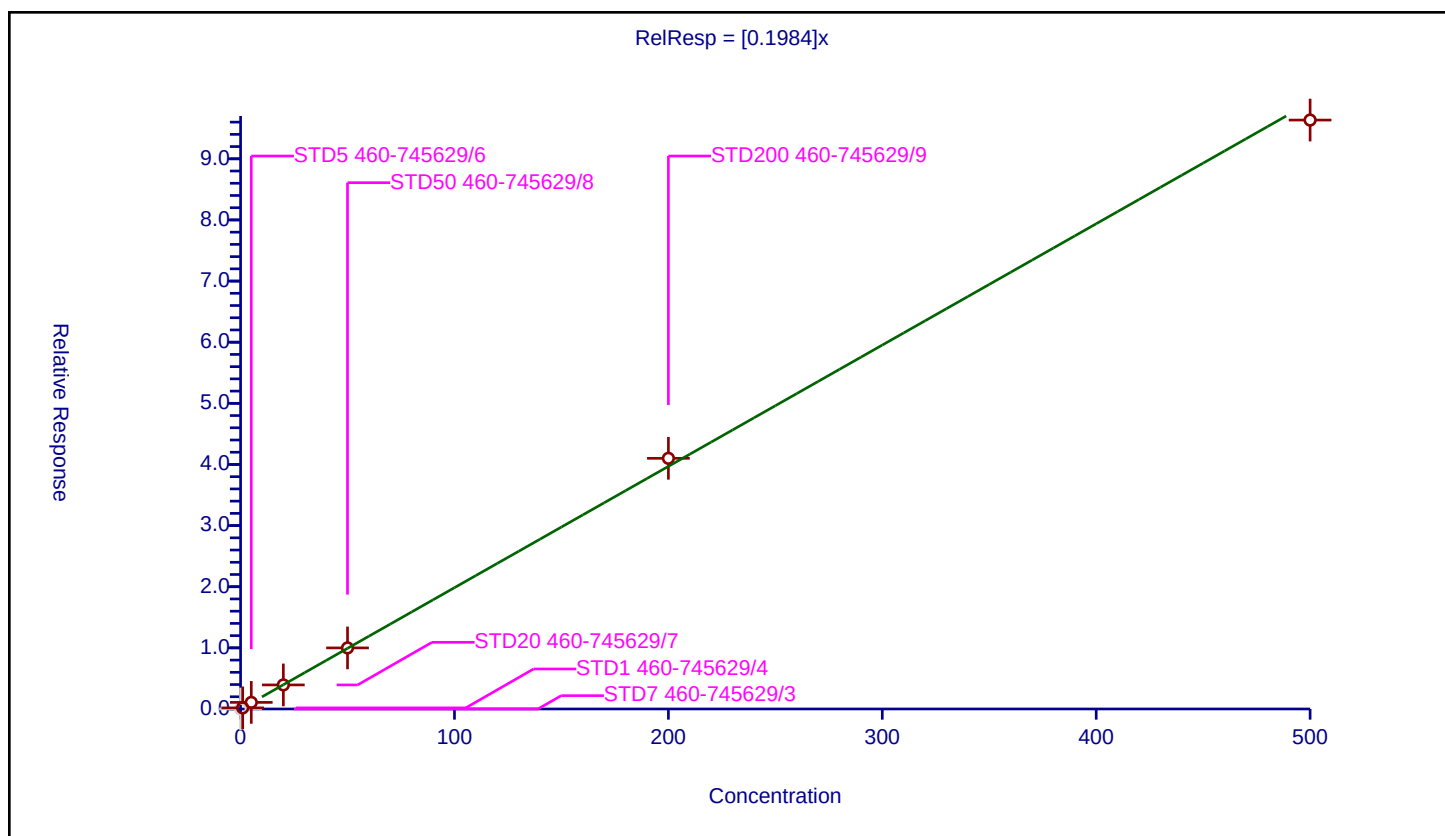
Curve Coefficients

Intercept: 0
 Slope: 0.1984

Error Coefficients

Standard Error: 540000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.180666	50.0	518361.0	0.180666	Y
3	STD5 460-745629/6	5.0	1.078288	50.0	521753.0	0.215658	Y
4	STD20 460-745629/7	20.0	3.935987	50.0	551107.0	0.196799	Y
5	STD50 460-745629/8	50.0	9.990083	50.0	521302.0	0.199802	Y
6	STD200 460-745629/9	200.0	41.008599	50.0	556554.0	0.205043	Y
7	STD500 460-745629/10	500.0	96.338518	50.0	576843.0	0.192677	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

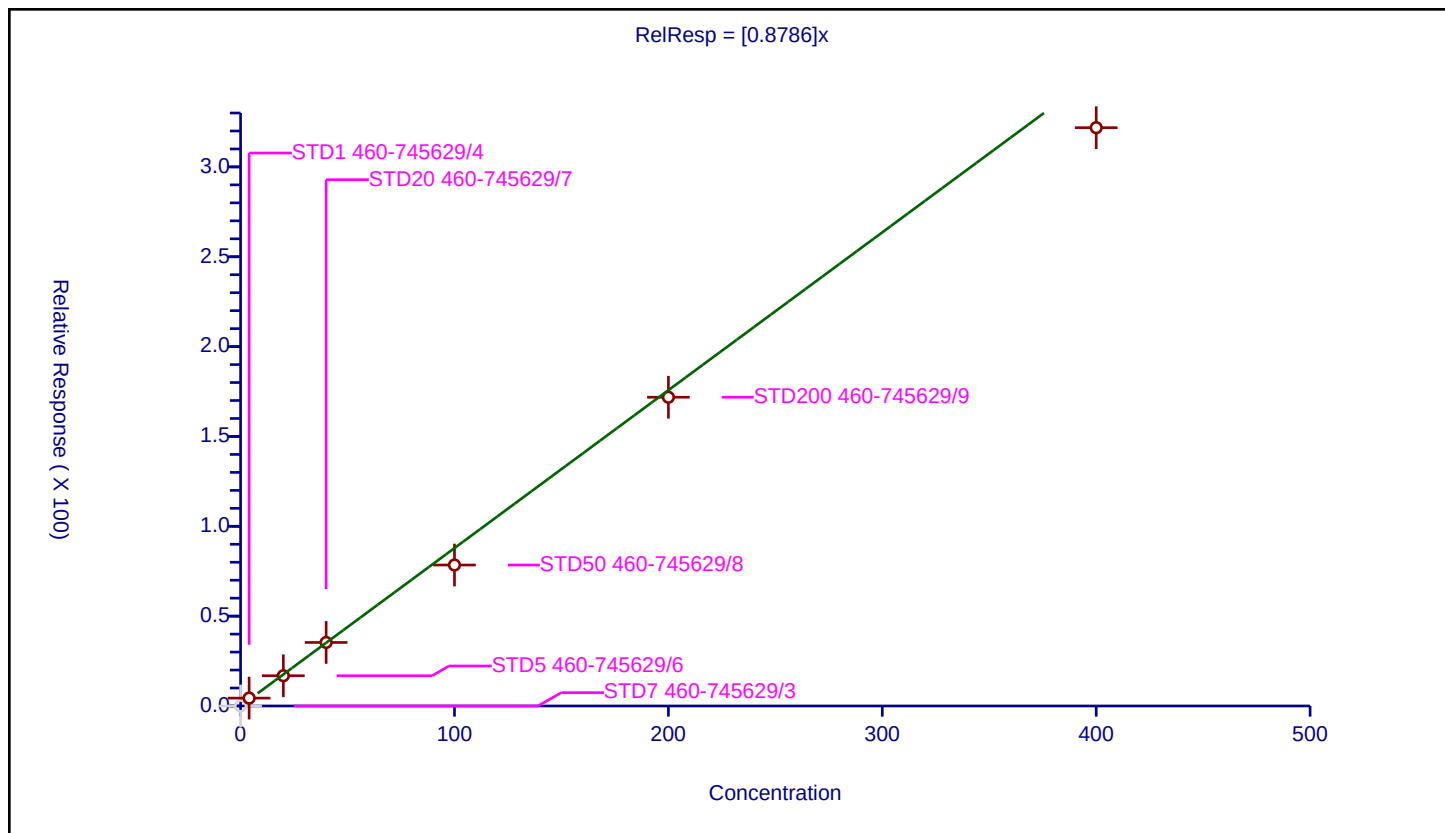
Curve Coefficients

Intercept: 0
Slope: 0.8786

Error Coefficients

Standard Error: 64200
Relative Standard Error: 12.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	4.000016	4.392288	1000.0	326709.0	1.098067	Y
3	STD5 460-745629/6	20.000082	16.831748	1000.0	333774.0	0.841584	Y
4	STD20 460-745629/7	40.000164	35.35425	1000.0	339054.0	0.883853	Y
5	STD50 460-745629/8	100.00041	78.460845	1000.0	339303.0	0.784605	Y
6	STD200 460-745629/9	200.00082	171.825547	1000.0	345973.0	0.859124	Y
7	STD500 460-745629/10	400.00164	321.842902	1000.0	397026.0	0.804604	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

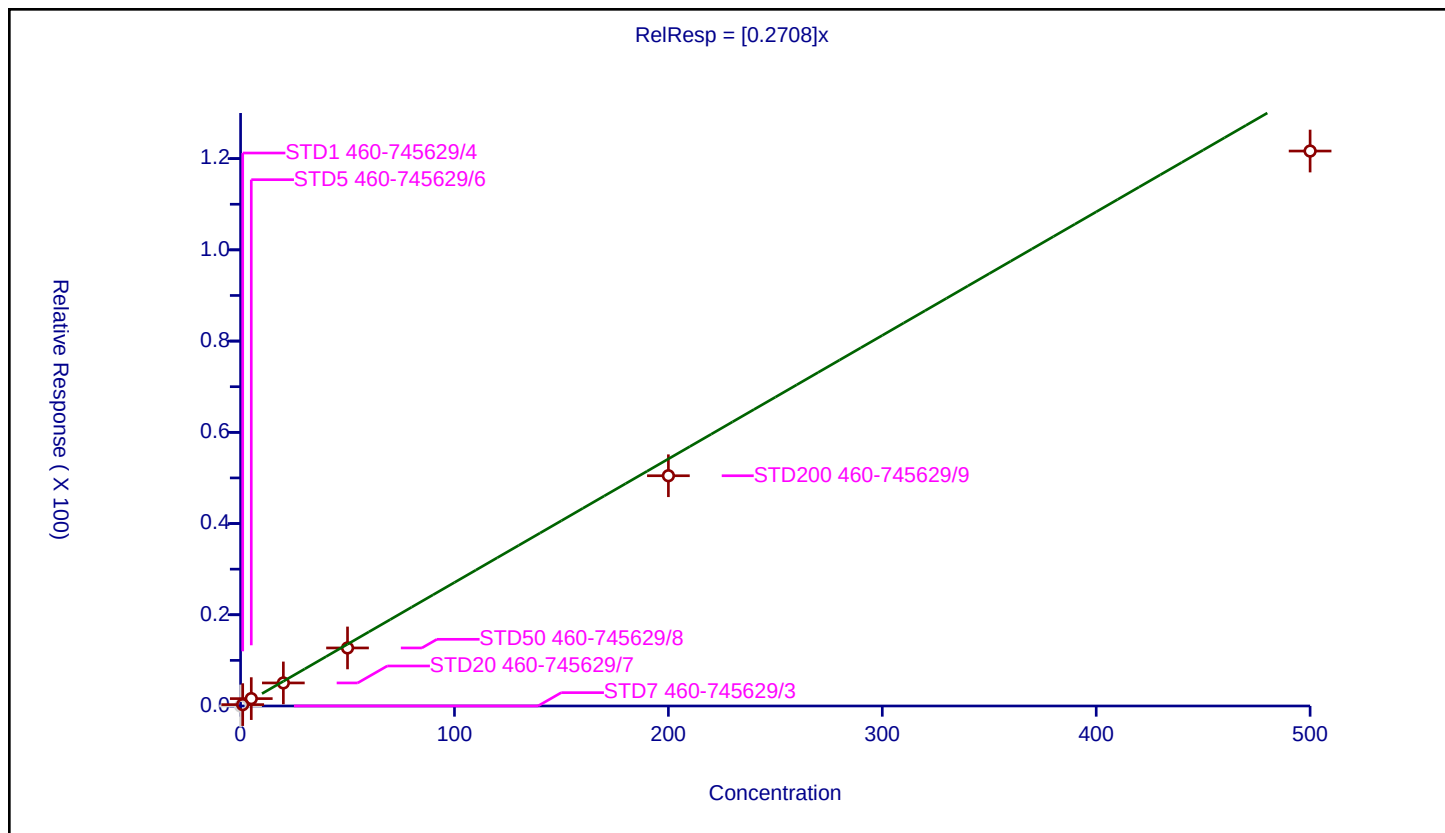
Curve Coefficients

Intercept: 0
 Slope: 0.2708

Error Coefficients

Standard Error: 679000
 Relative Standard Error: 11.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.299019	50.0	518361.0	0.299019	Y
3	STD5 460-745629/6	5.0	1.615899	50.0	521753.0	0.32318	Y
4	STD20 460-745629/7	20.0	5.053374	50.0	551107.0	0.252669	Y
5	STD50 460-745629/8	50.0	12.7218	50.0	521302.0	0.254436	Y
6	STD200 460-745629/9	200.0	50.476953	50.0	556554.0	0.252385	Y
7	STD500 460-745629/10	500.0	121.664647	50.0	576843.0	0.243329	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

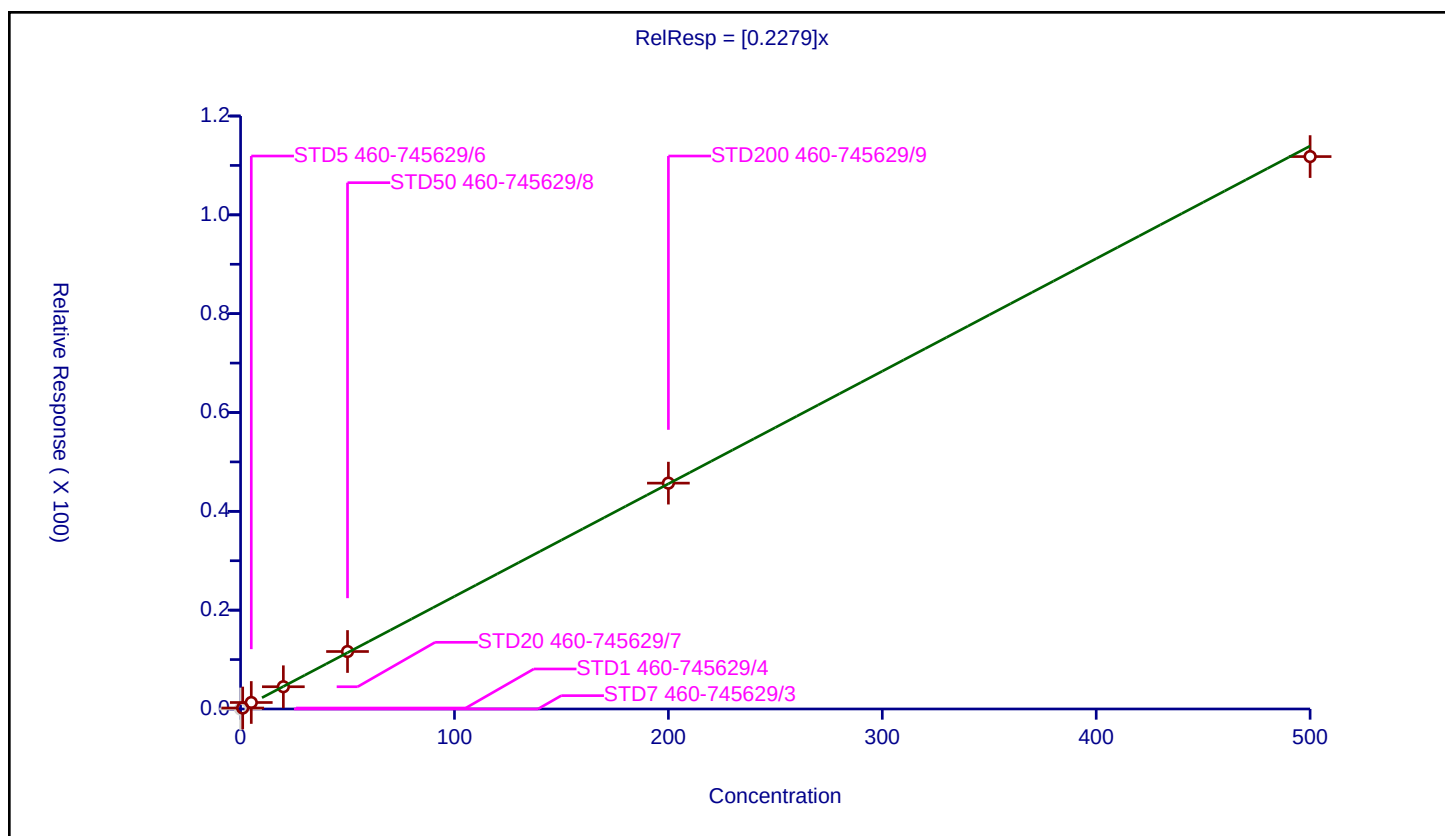
Curve Coefficients

Intercept: 0
 Slope: 0.2279

Error Coefficients

Standard Error: 623000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.194845	50.0	518361.0	0.194845	Y
3	STD5 460-745629/6	5.0	1.312403	50.0	521753.0	0.262481	Y
4	STD20 460-745629/7	20.0	4.502483	50.0	551107.0	0.225124	Y
5	STD50 460-745629/8	50.0	11.629919	50.0	521302.0	0.232598	Y
6	STD200 460-745629/9	200.0	45.70419	50.0	556554.0	0.228521	Y
7	STD500 460-745629/10	500.0	111.793677	50.0	576843.0	0.223587	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

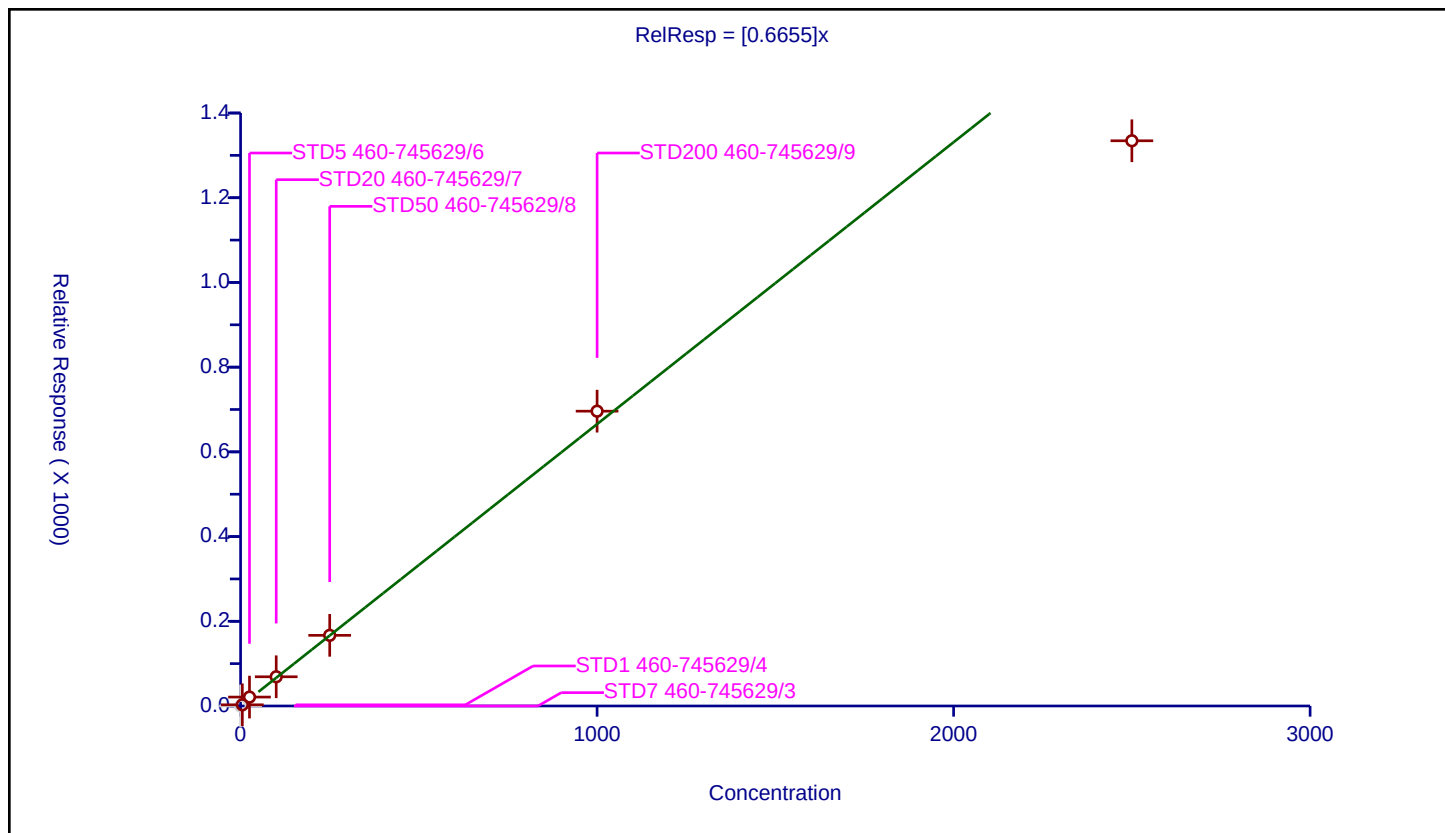
Curve Coefficients

Intercept: 0
Slope: 0.6655

Error Coefficients

Standard Error: 911000
Relative Standard Error: 16.5
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	5.0	2.824425	250.0	276782.0	0.564885	Y
3	STD5 460-745629/6	25.0	21.043405	250.0	276096.0	0.841736	Y
4	STD20 460-745629/7	100.0	68.944605	250.0	293511.0	0.689446	Y
5	STD50 460-745629/8	250.0	166.815695	250.0	281267.0	0.667263	Y
6	STD200 460-745629/9	1000.0	696.050653	250.0	300518.0	0.696051	Y
7	STD500 460-745629/10	2500.0	1334.471007	250.0	346101.0	0.533788	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

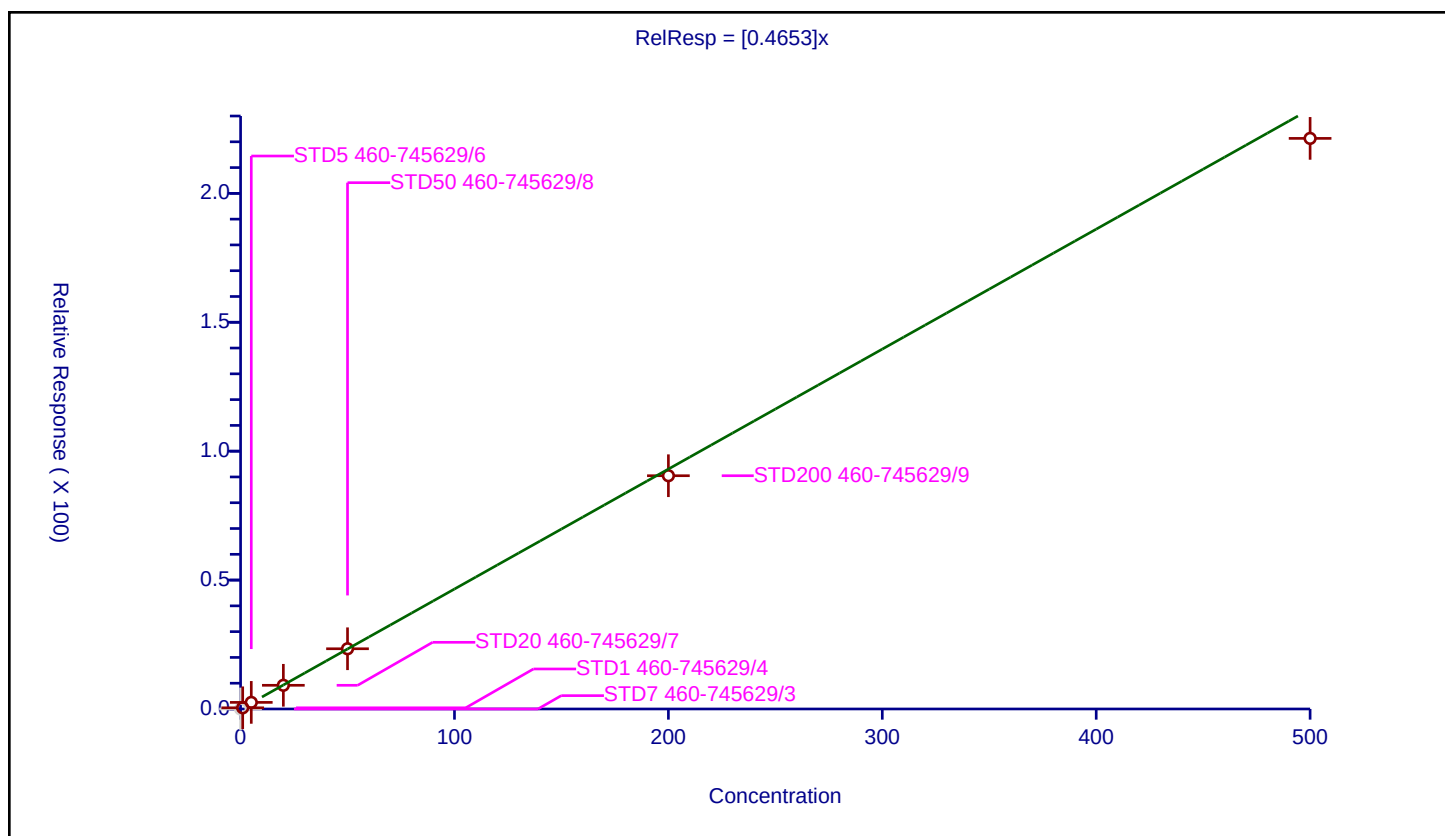
Curve Coefficients

Intercept: 0
Slope: 0.4653

Error Coefficients

Standard Error: 1230000
Relative Standard Error: 5.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.458175	50.0	518361.0	0.458175	Y
3	STD5 460-745629/6	5.0	2.559449	50.0	521753.0	0.51189	Y
4	STD20 460-745629/7	20.0	9.190321	50.0	551107.0	0.459516	Y
5	STD50 460-745629/8	50.0	23.35767	50.0	521302.0	0.467153	Y
6	STD200 460-745629/9	200.0	90.476486	50.0	556554.0	0.452382	Y
7	STD500 460-745629/10	500.0	221.317586	50.0	576843.0	0.442635	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

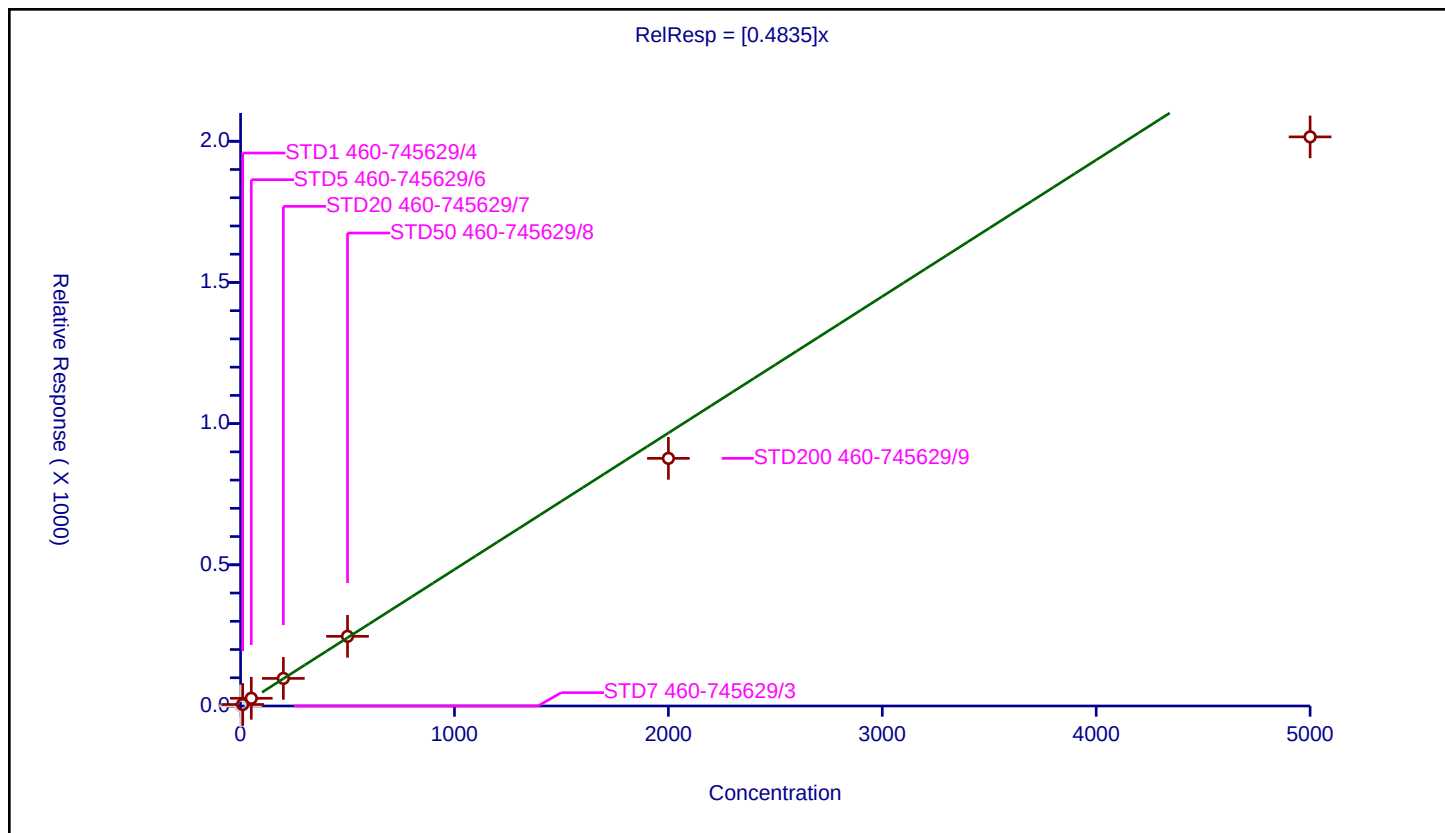
Curve Coefficients

Intercept: 0
 Slope: 0.4835

Error Coefficients

Standard Error: 384000
 Relative Standard Error: 11.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	10.0	5.319719	1000.0	326709.0	0.531972	Y
3	STD5 460-745629/6	50.0	27.269949	1000.0	333774.0	0.545399	Y
4	STD20 460-745629/7	200.0	97.65996	1000.0	339054.0	0.4883	Y
5	STD50 460-745629/8	500.0	246.708694	1000.0	339303.0	0.493417	Y
6	STD200 460-745629/9	2000.0	877.05688	1000.0	345973.0	0.438528	Y
7	STD500 460-745629/10	5000.0	2015.487651	1000.0	397026.0	0.403098	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

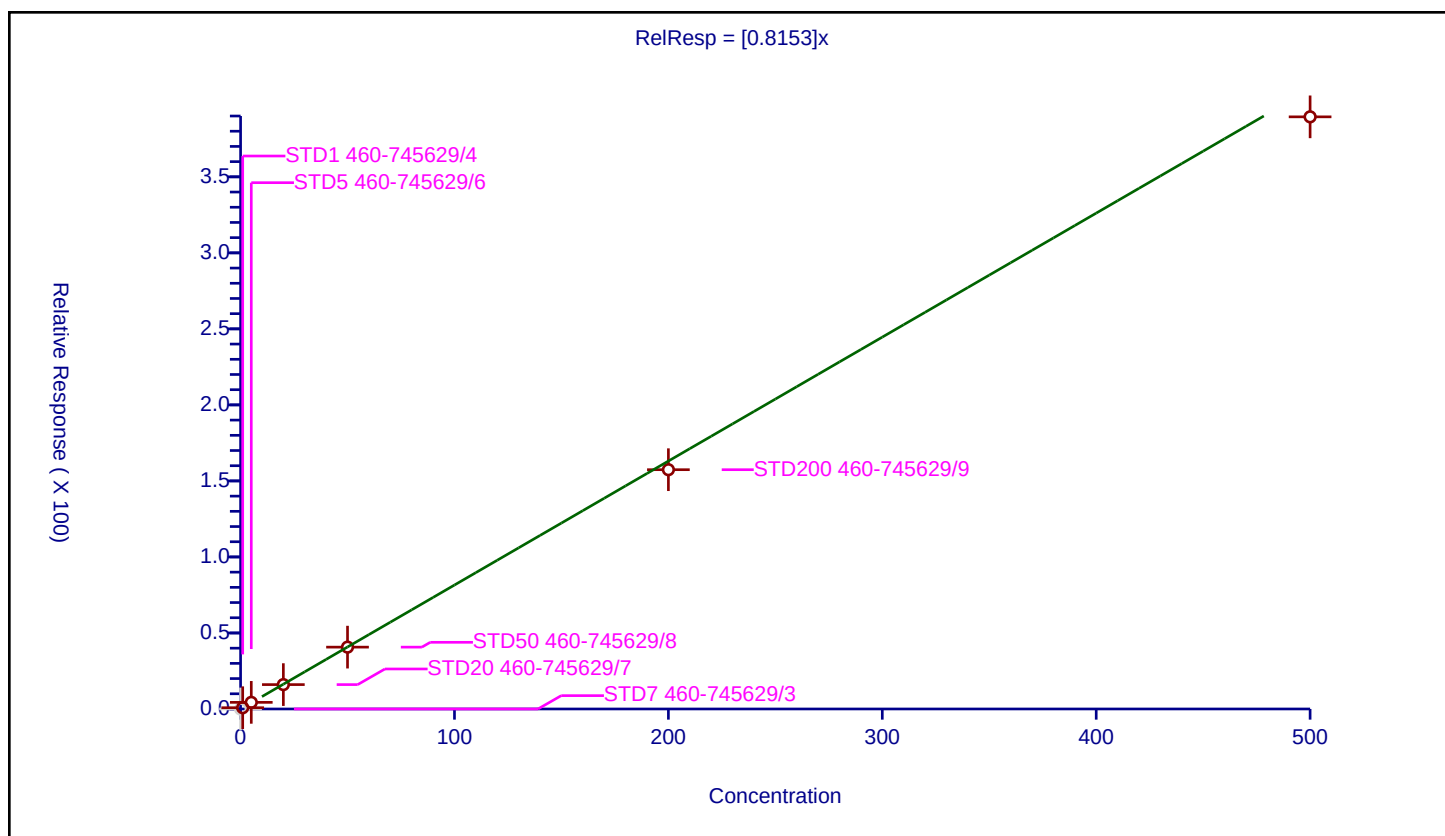
Curve Coefficients

Intercept: 0
Slope: 0.8153

Error Coefficients

Standard Error: 2170000
Relative Standard Error: 4.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.837254	50.0	518361.0	0.837254	Y
3	STD5 460-745629/6	5.0	4.366242	50.0	521753.0	0.873248	Y
4	STD20 460-745629/7	20.0	16.035362	50.0	551107.0	0.801768	Y
5	STD50 460-745629/8	50.0	40.687835	50.0	521302.0	0.813757	Y
6	STD200 460-745629/9	200.0	157.375205	50.0	556554.0	0.786876	Y
7	STD500 460-745629/10	500.0	389.460911	50.0	576843.0	0.778922	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

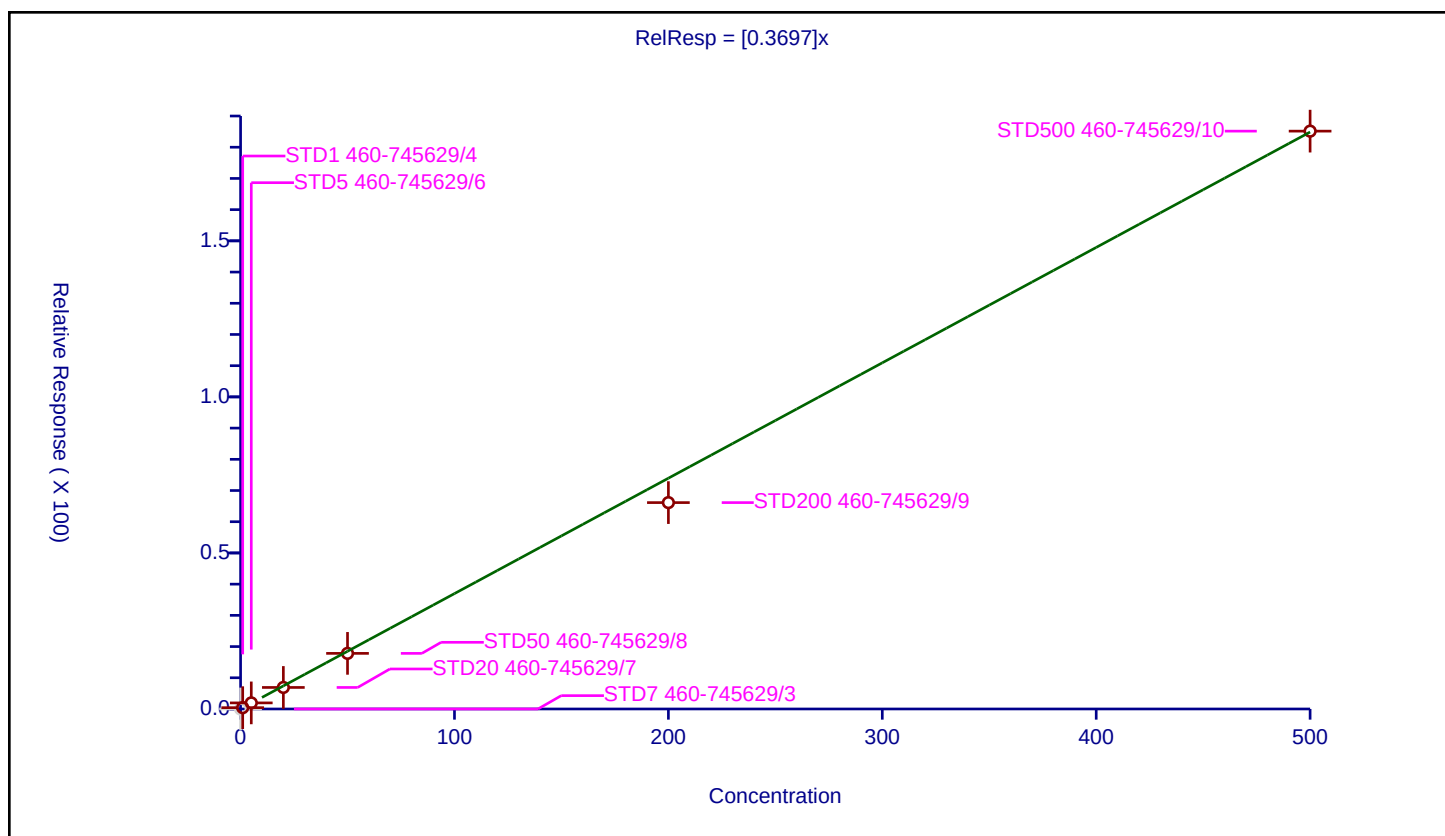
Curve Coefficients

Intercept: 0
Slope: 0.3697

Error Coefficients

Standard Error: 1010000
Relative Standard Error: 9.2
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.42509	50.0	518361.0	0.42509	Y
3	STD5 460-745629/6	5.0	1.954852	50.0	521753.0	0.39097	Y
4	STD20 460-745629/7	20.0	6.89857	50.0	551107.0	0.344928	Y
5	STD50 460-745629/8	50.0	17.823066	50.0	521302.0	0.356461	Y
6	STD200 460-745629/9	200.0	66.129342	50.0	556554.0	0.330647	Y
7	STD500 460-745629/10	500.0	185.151592	50.0	576843.0	0.370303	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

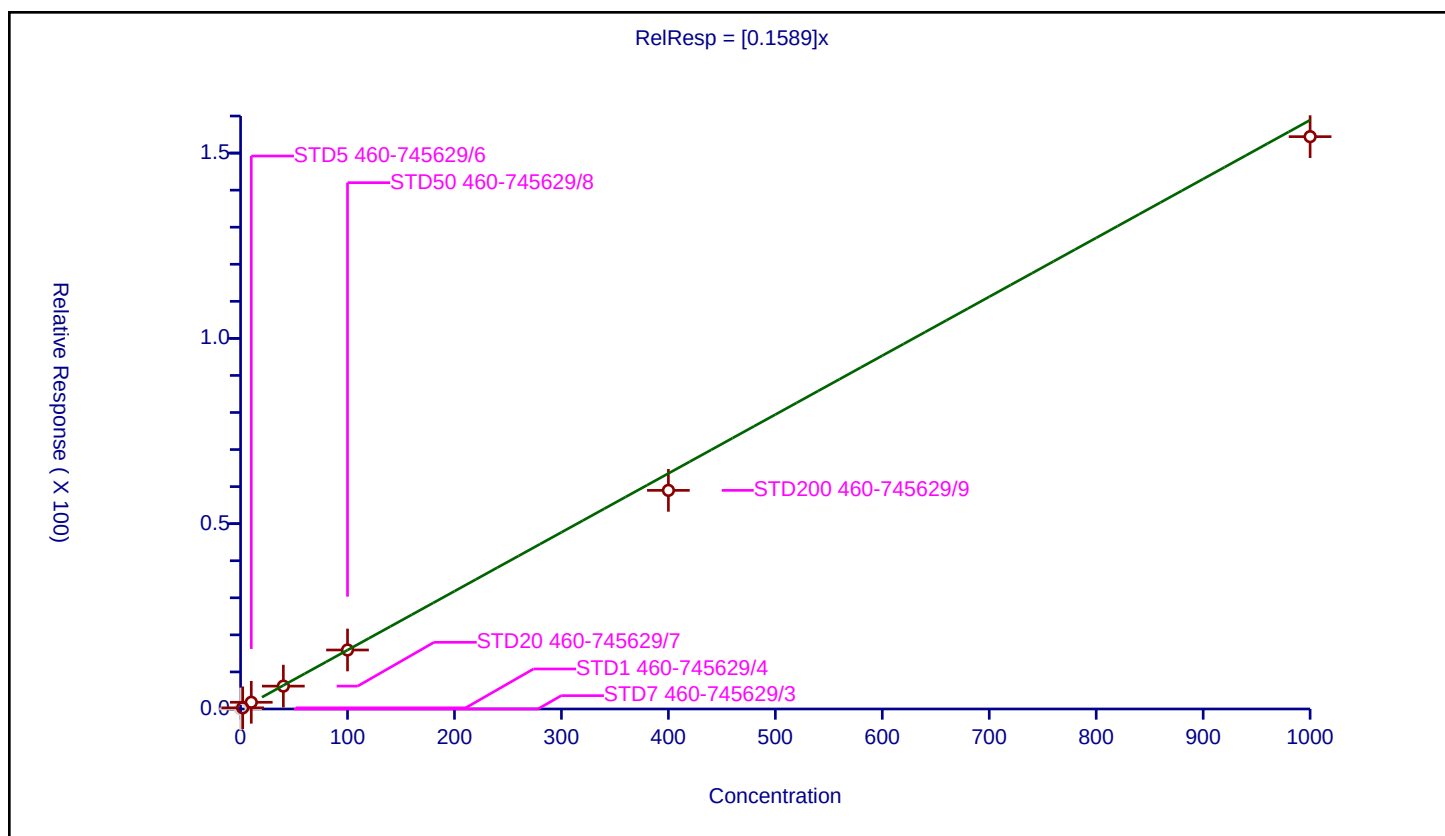
Curve Coefficients

Intercept: 0
 Slope: 0.1589

Error Coefficients

Standard Error: 853000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	2.0	0.314453	50.0	518361.0	0.157226	Y
3	STD5 460-745629/6	10.0	1.808327	50.0	521753.0	0.180833	Y
4	STD20 460-745629/7	40.0	6.169401	50.0	551107.0	0.154235	Y
5	STD50 460-745629/8	100.0	15.919755	50.0	521302.0	0.159198	Y
6	STD200 460-745629/9	400.0	58.989155	50.0	556554.0	0.147473	Y
7	STD500 460-745629/10	1000.0	154.429455	50.0	576843.0	0.154429	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

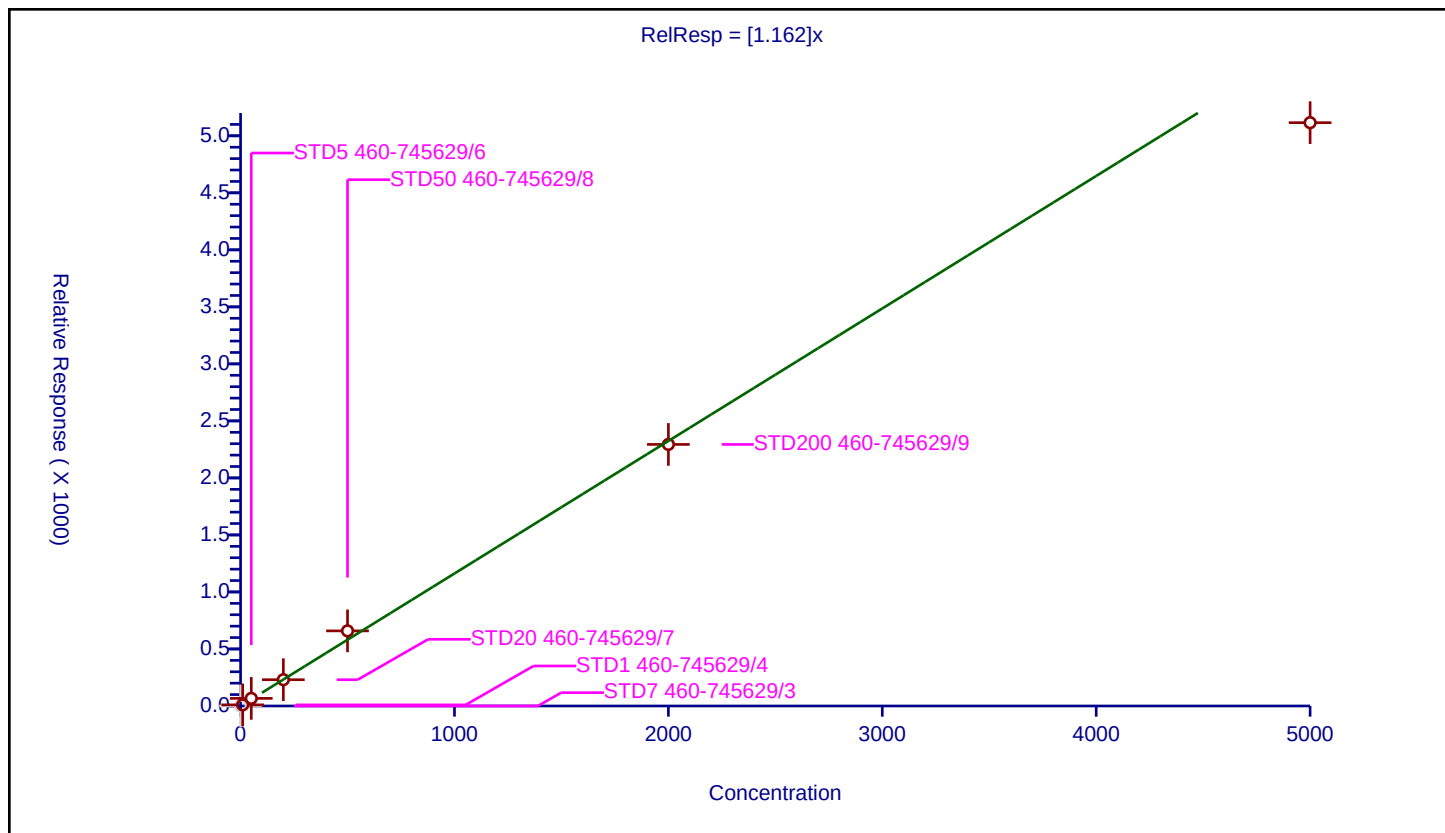
Curve Coefficients

Intercept: 0
 Slope: 1.162

Error Coefficients

Standard Error: 978000
 Relative Standard Error: 12.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	10.0	9.94463	1000.0	326709.0	0.994463	Y
3	STD5 460-745629/6	50.0	66.877588	1000.0	333774.0	1.337552	Y
4	STD20 460-745629/7	200.0	230.523751	1000.0	339054.0	1.152619	Y
5	STD50 460-745629/8	500.0	658.694441	1000.0	339303.0	1.317389	Y
6	STD200 460-745629/9	2000.0	2293.820616	1000.0	345973.0	1.14691	Y
7	STD500 460-745629/10	5000.0	5115.282123	1000.0	397026.0	1.023056	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

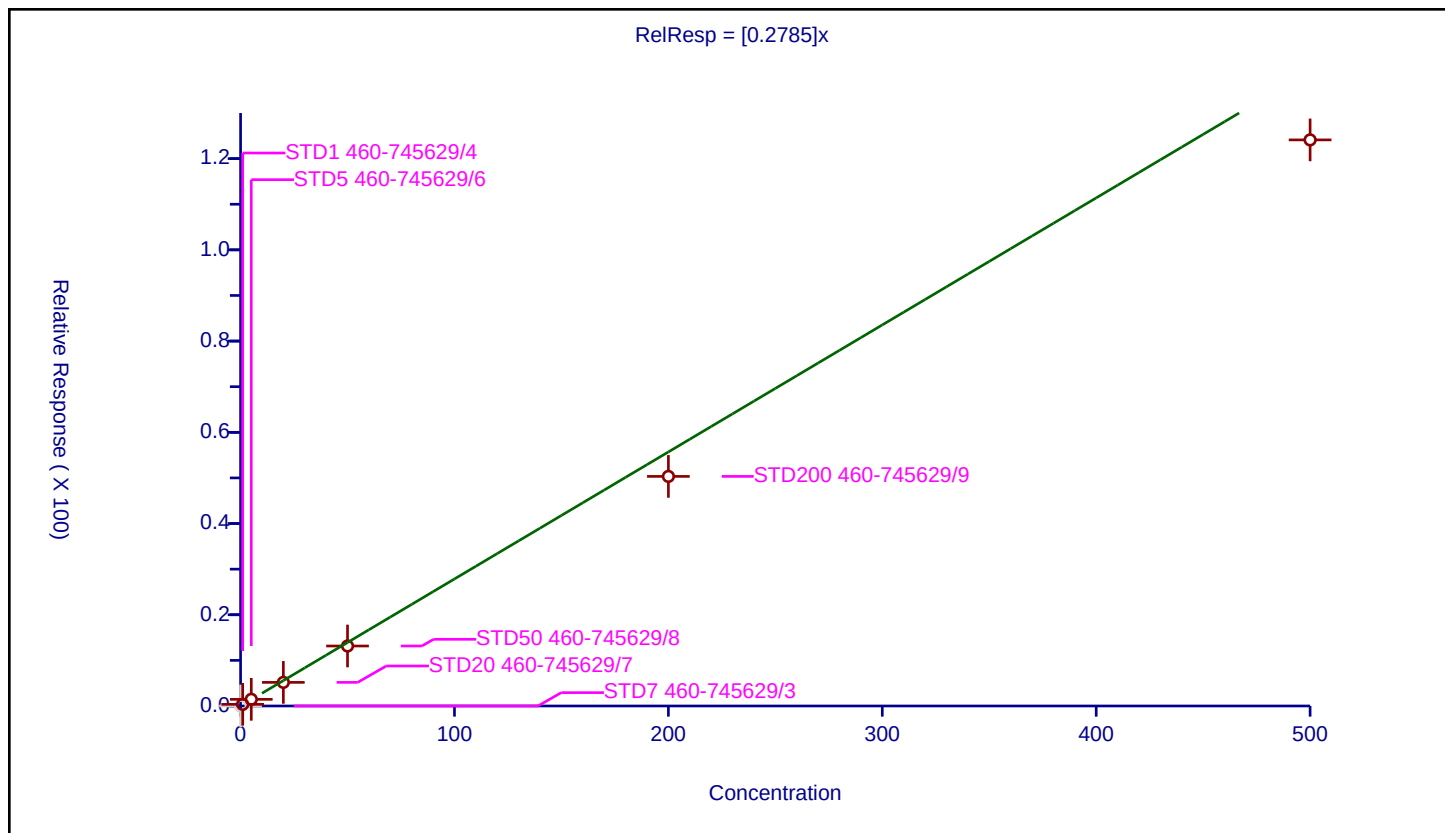
Curve Coefficients

Intercept: 0
 Slope: 0.2785

Error Coefficients

Standard Error: 691000
 Relative Standard Error: 15.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.357666	50.0	518361.0	0.357666	Y
3	STD5 460-745629/6	5.0	1.458065	50.0	521753.0	0.291613	Y
4	STD20 460-745629/7	20.0	5.175039	50.0	551107.0	0.258752	Y
5	STD50 460-745629/8	50.0	13.148904	50.0	521302.0	0.262978	Y
6	STD200 460-745629/9	200.0	50.330786	50.0	556554.0	0.251654	Y
7	STD500 460-745629/10	500.0	124.108553	50.0	576843.0	0.248217	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

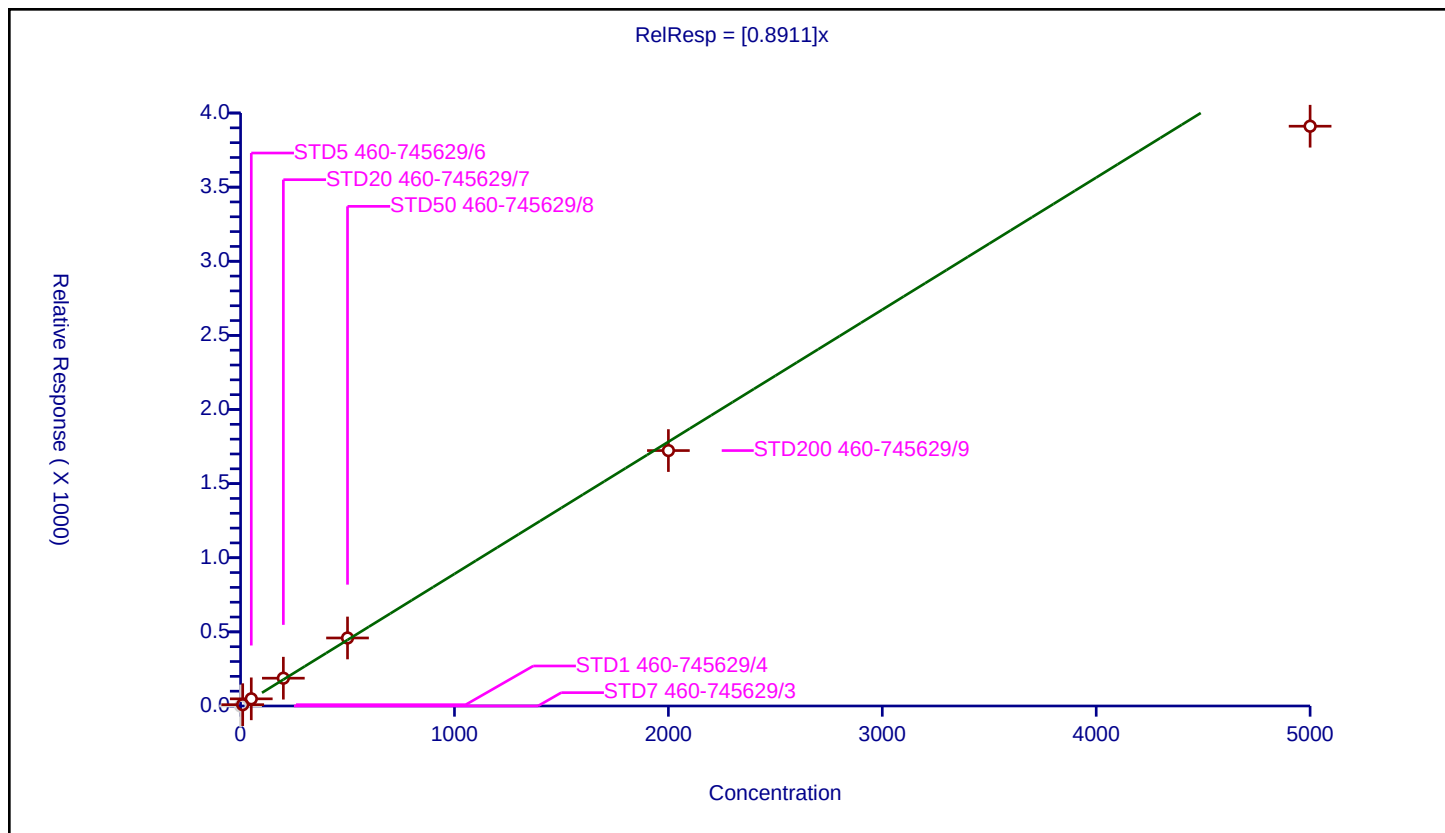
Curve Coefficients

Intercept: 0
 Slope: 0.8911

Error Coefficients

Standard Error: 745000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	10.0	8.818245	1000.0	326709.0	0.881824	Y
3	STD5 460-745629/6	50.0	48.314129	1000.0	333774.0	0.966283	Y
4	STD20 460-745629/7	200.0	187.495207	1000.0	339054.0	0.937476	Y
5	STD50 460-745629/8	500.0	458.758101	1000.0	339303.0	0.917516	Y
6	STD200 460-745629/9	2000.0	1723.013067	1000.0	345973.0	0.861507	Y
7	STD500 460-745629/10	5000.0	3910.879892	1000.0	397026.0	0.782176	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

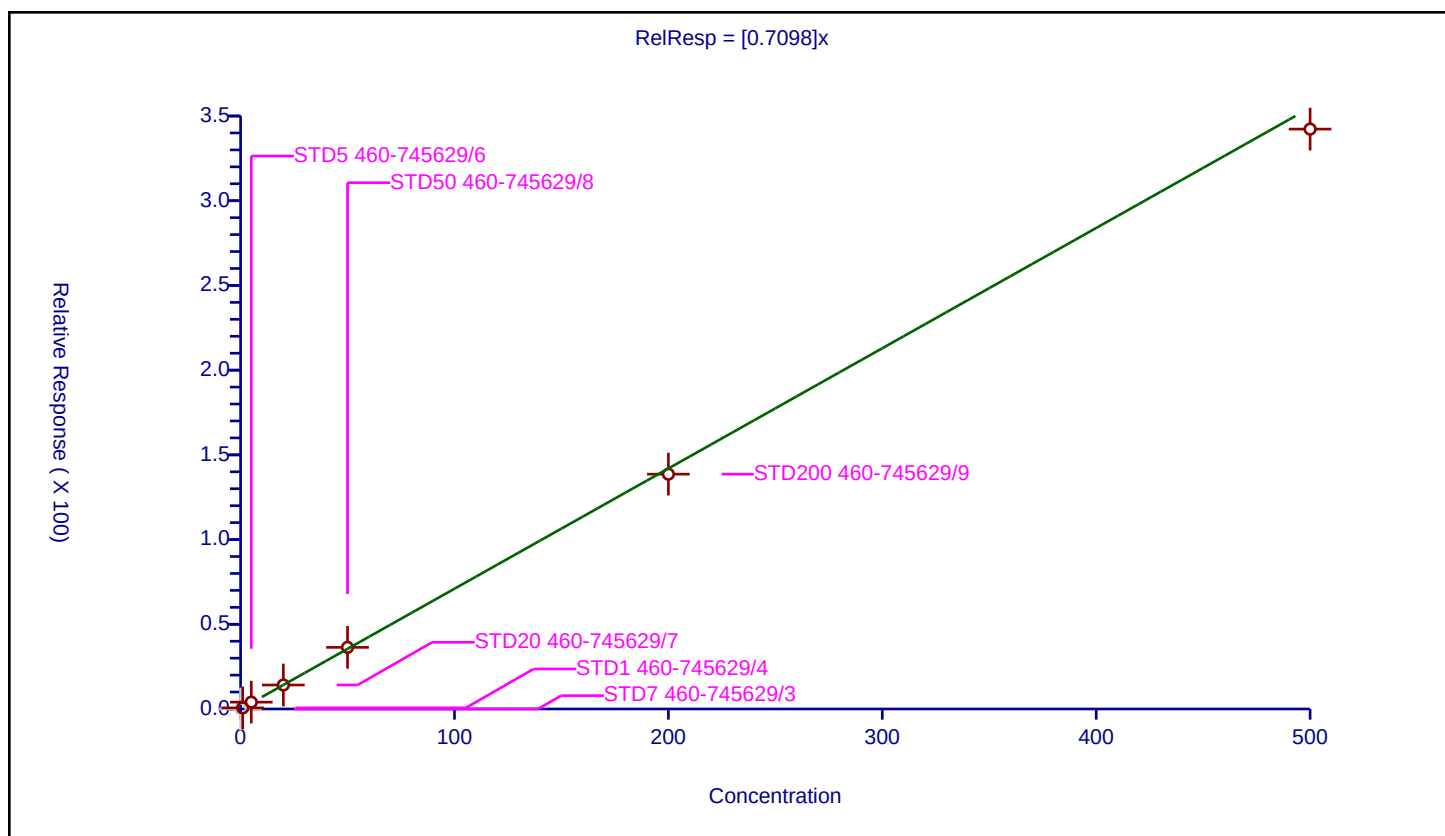
Curve Coefficients

Intercept: 0
 Slope: 0.7098

Error Coefficients

Standard Error: 1900000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.639033	50.0	518361.0	0.639033	Y
3	STD5 460-745629/6	5.0	4.031697	50.0	521753.0	0.806339	Y
4	STD20 460-745629/7	20.0	14.161497	50.0	551107.0	0.708075	Y
5	STD50 460-745629/8	50.0	36.372966	50.0	521302.0	0.727459	Y
6	STD200 460-745629/9	200.0	138.619523	50.0	556554.0	0.693098	Y
7	STD500 460-745629/10	500.0	342.278748	50.0	576843.0	0.684557	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

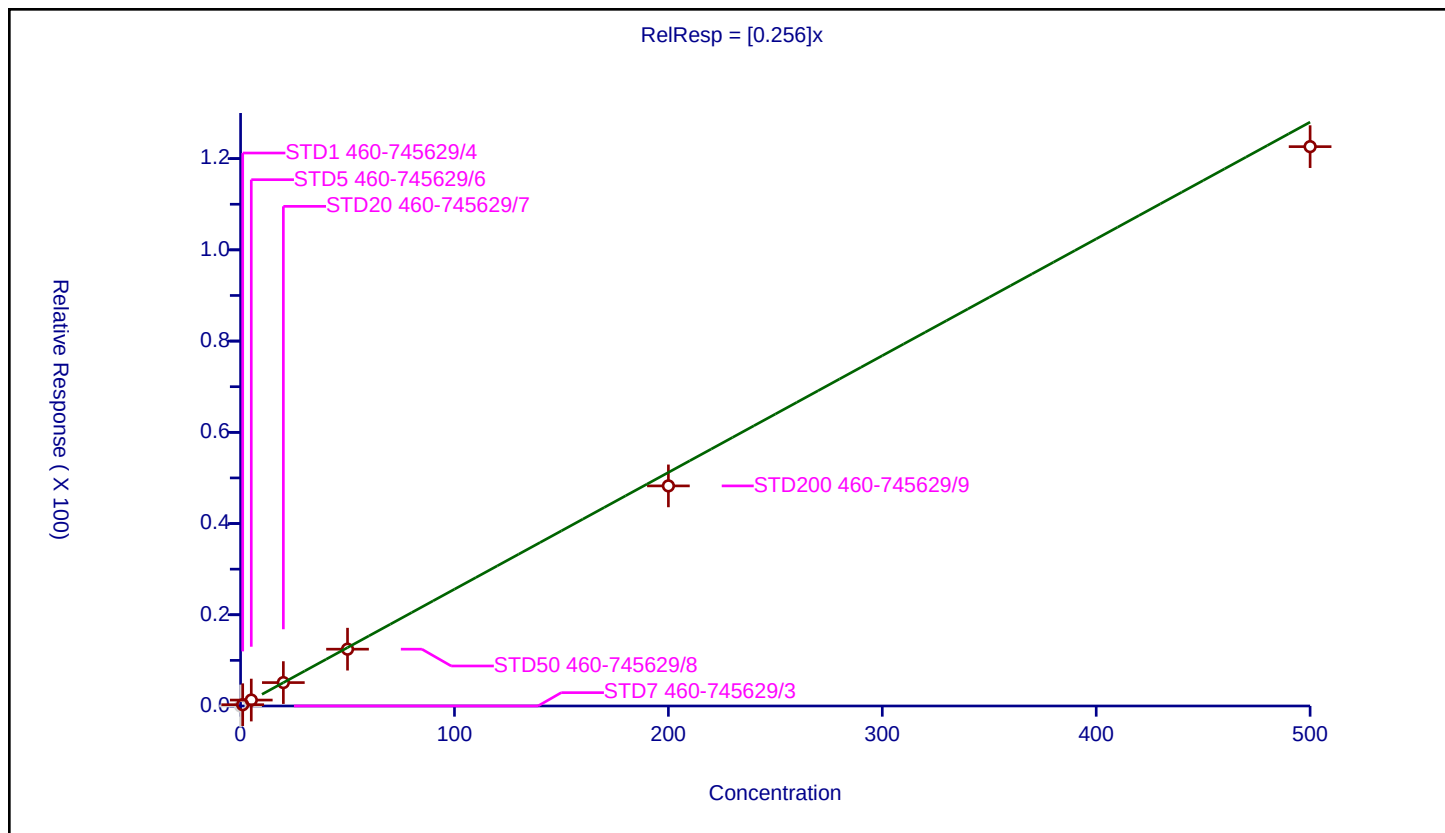
Curve Coefficients

Intercept: 0
 Slope: 0.256

Error Coefficients

Standard Error: 680000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.283393	50.0	518361.0	0.283393	Y
3	STD5 460-745629/6	5.0	1.302724	50.0	521753.0	0.260545	Y
4	STD20 460-745629/7	20.0	5.131218	50.0	551107.0	0.256561	Y
5	STD50 460-745629/8	50.0	12.452763	50.0	521302.0	0.249055	Y
6	STD200 460-745629/9	200.0	48.252461	50.0	556554.0	0.241262	Y
7	STD500 460-745629/10	500.0	122.627907	50.0	576843.0	0.245256	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

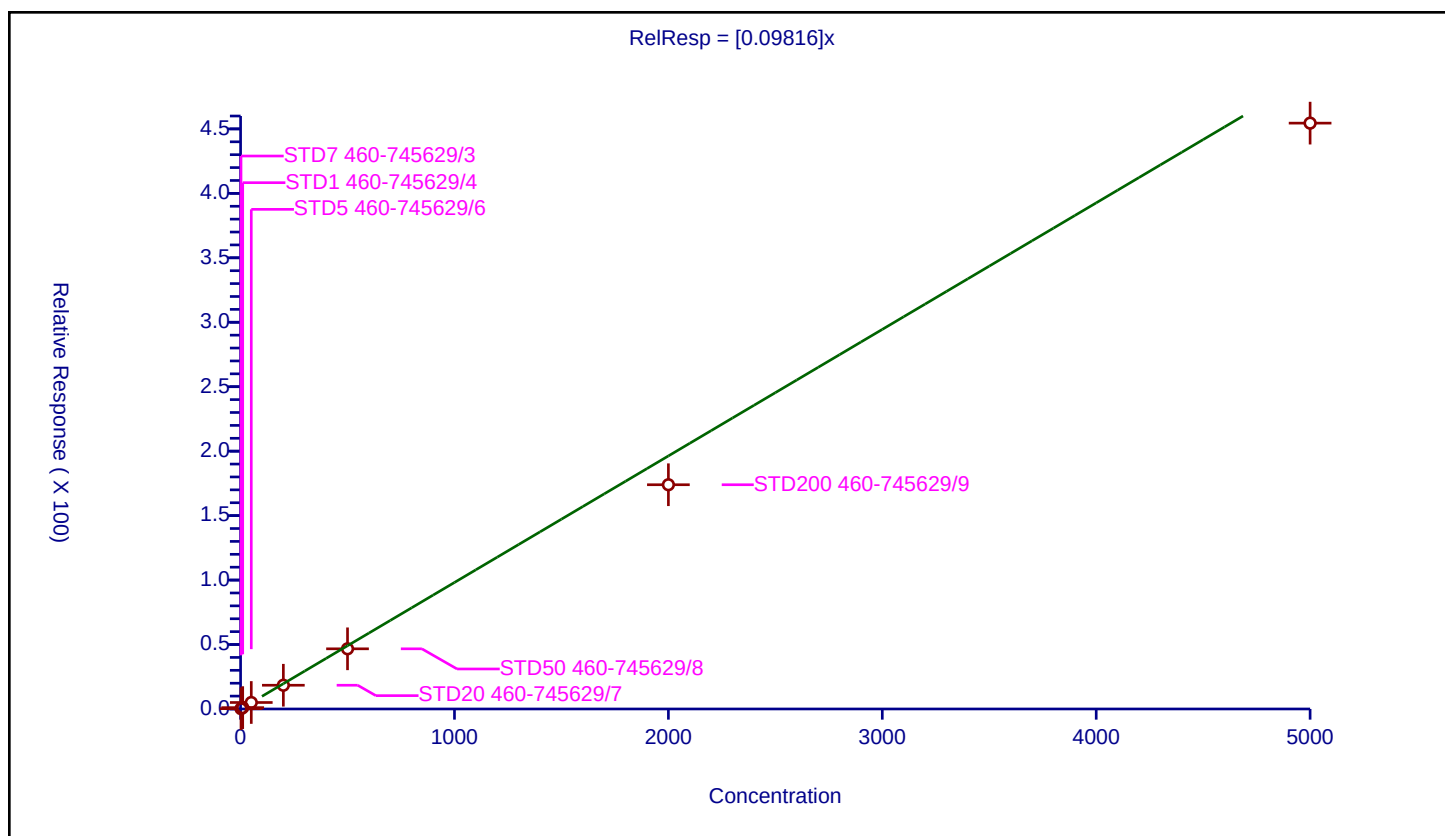
Curve Coefficients

Intercept: 0
Slope: 0.09816

Error Coefficients

Standard Error: 2290000
Relative Standard Error: 10.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	2.0	0.234896	50.0	490642.0	0.117448	Y
2	STD1 460-745629/4	10.0	1.054863	50.0	518361.0	0.105486	Y
3	STD5 460-745629/6	50.0	5.039837	50.0	521753.0	0.100797	Y
4	STD20 460-745629/7	200.0	18.422103	50.0	551107.0	0.092111	Y
5	STD50 460-745629/8	500.0	46.687333	50.0	521302.0	0.093375	Y
6	STD200 460-745629/9	2000.0	173.966228	50.0	556554.0	0.086983	Y
7	STD500 460-745629/10	5000.0	454.484842	50.0	576843.0	0.090897	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

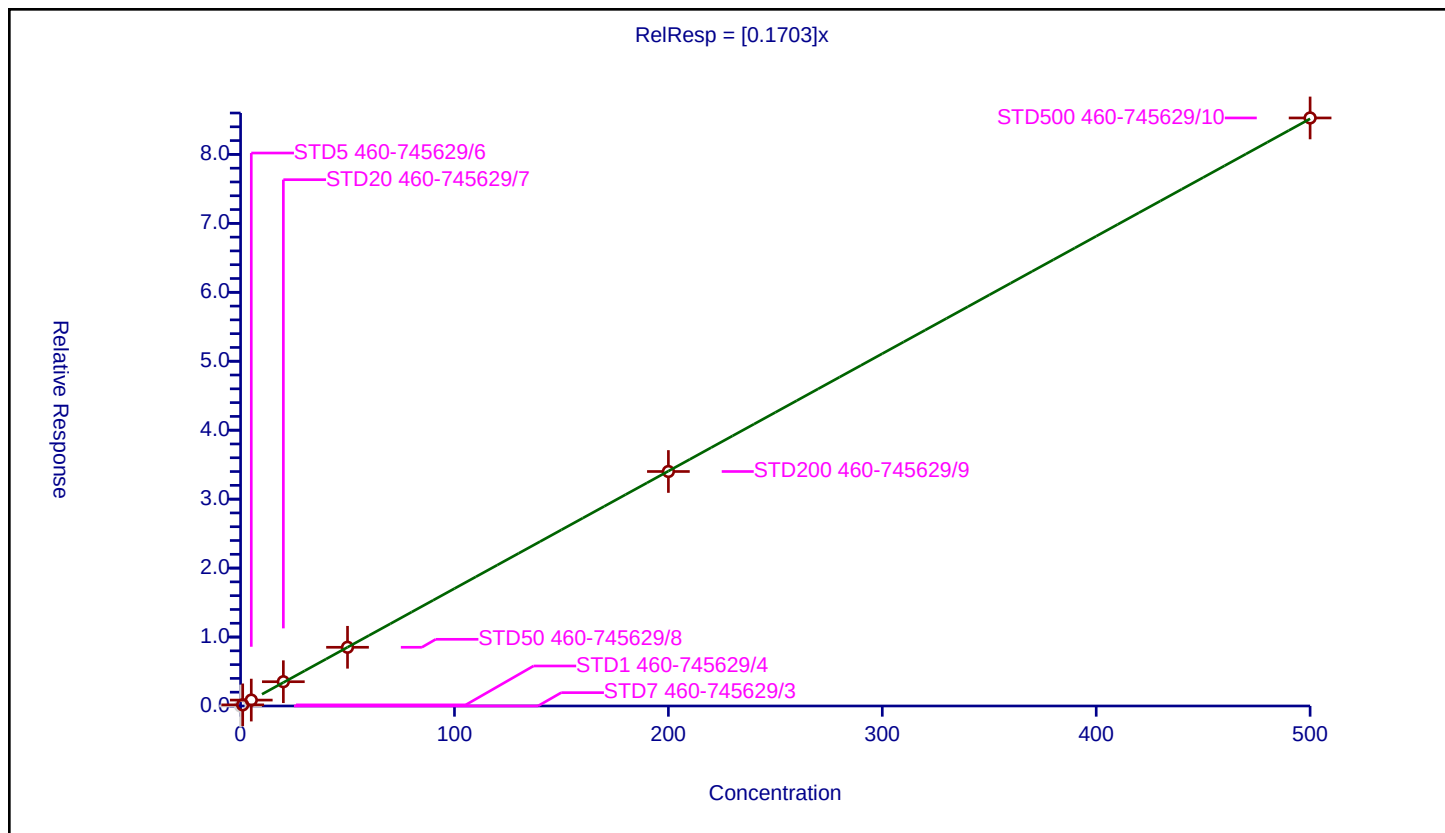
Curve Coefficients

Intercept: 0
 Slope: 0.1703

Error Coefficients

Standard Error: 473000
 Relative Standard Error: 2.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.163496	50.0	518361.0	0.163496	Y
3	STD5 460-745629/6	5.0	0.857686	50.0	521753.0	0.171537	Y
4	STD20 460-745629/7	20.0	3.520278	50.0	551107.0	0.176014	Y
5	STD50 460-745629/8	50.0	8.515505	50.0	521302.0	0.17031	Y
6	STD200 460-745629/9	200.0	34.009368	50.0	556554.0	0.170047	Y
7	STD500 460-745629/10	500.0	85.284904	50.0	576843.0	0.17057	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

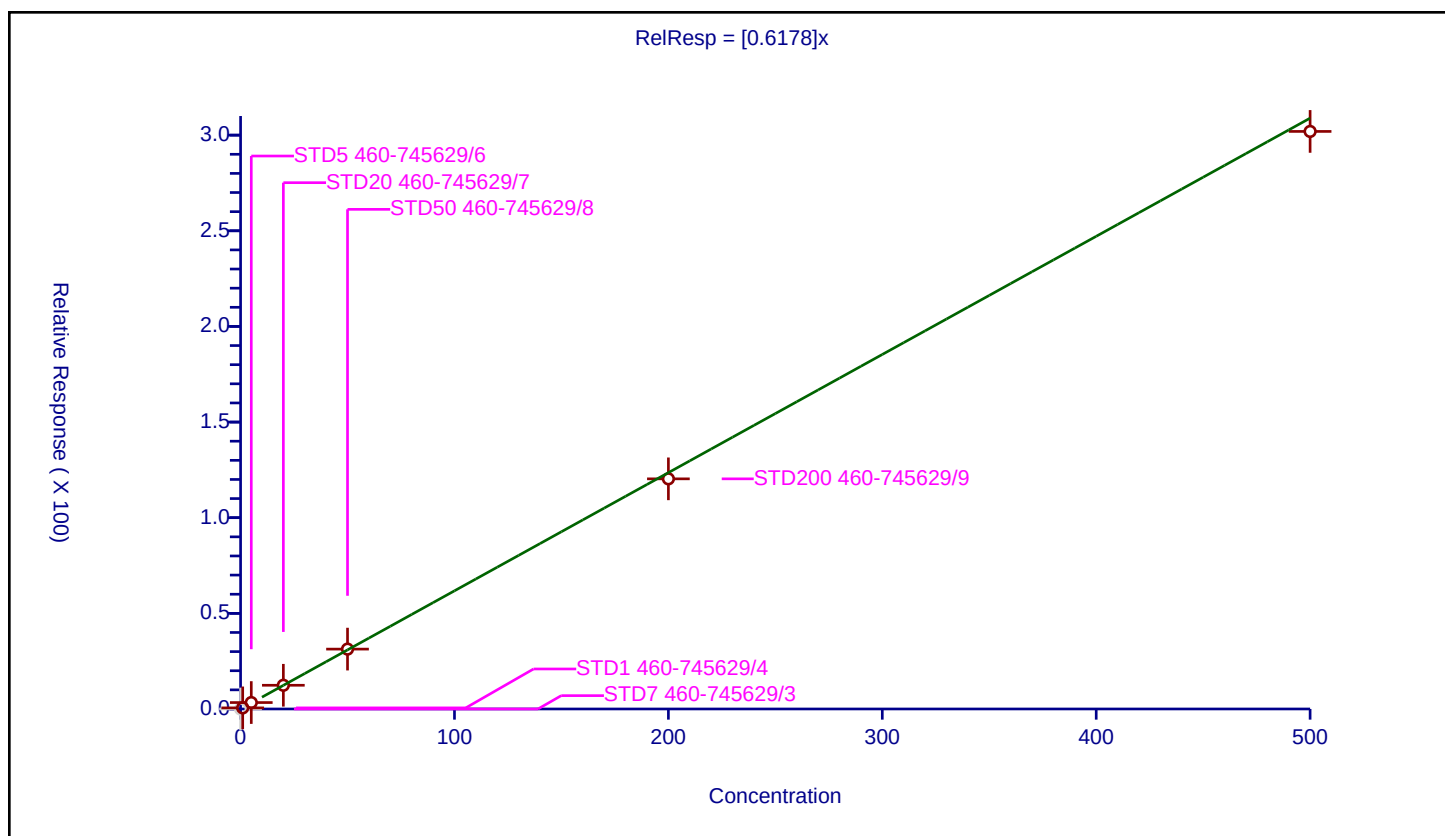
Curve Coefficients

Intercept: 0
Slope: 0.6178

Error Coefficients

Standard Error: 1680000
Relative Standard Error: 5.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.58193	50.0	518361.0	0.58193	Y
3	STD5 460-745629/6	5.0	3.364427	50.0	521753.0	0.672885	Y
4	STD20 460-745629/7	20.0	12.406574	50.0	551107.0	0.620329	Y
5	STD50 460-745629/8	50.0	31.303832	50.0	521302.0	0.626077	Y
6	STD200 460-745629/9	200.0	120.317705	50.0	556554.0	0.601589	Y
7	STD500 460-745629/10	500.0	301.940823	50.0	576843.0	0.603882	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

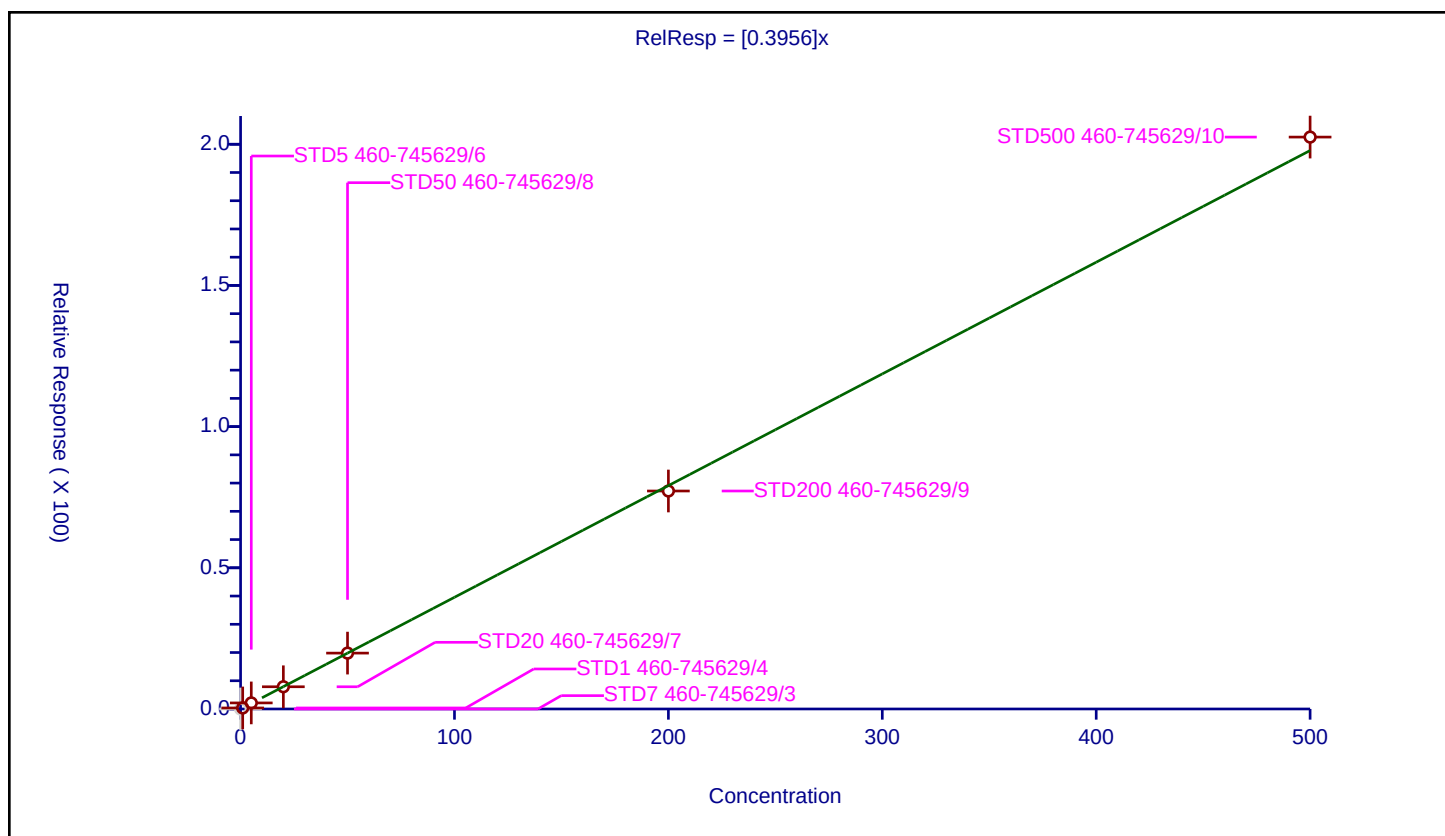
Curve Coefficients

Intercept: 0
 Slope: 0.3956

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 5.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.362778	50.0	518361.0	0.362778	Y
3	STD5 460-745629/6	5.0	2.15006	50.0	521753.0	0.430012	Y
4	STD20 460-745629/7	20.0	7.874424	50.0	551107.0	0.393721	Y
5	STD50 460-745629/8	50.0	19.785173	50.0	521302.0	0.395703	Y
6	STD200 460-745629/9	200.0	77.20347	50.0	556554.0	0.386017	Y
7	STD500 460-745629/10	500.0	202.543066	50.0	576843.0	0.405086	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

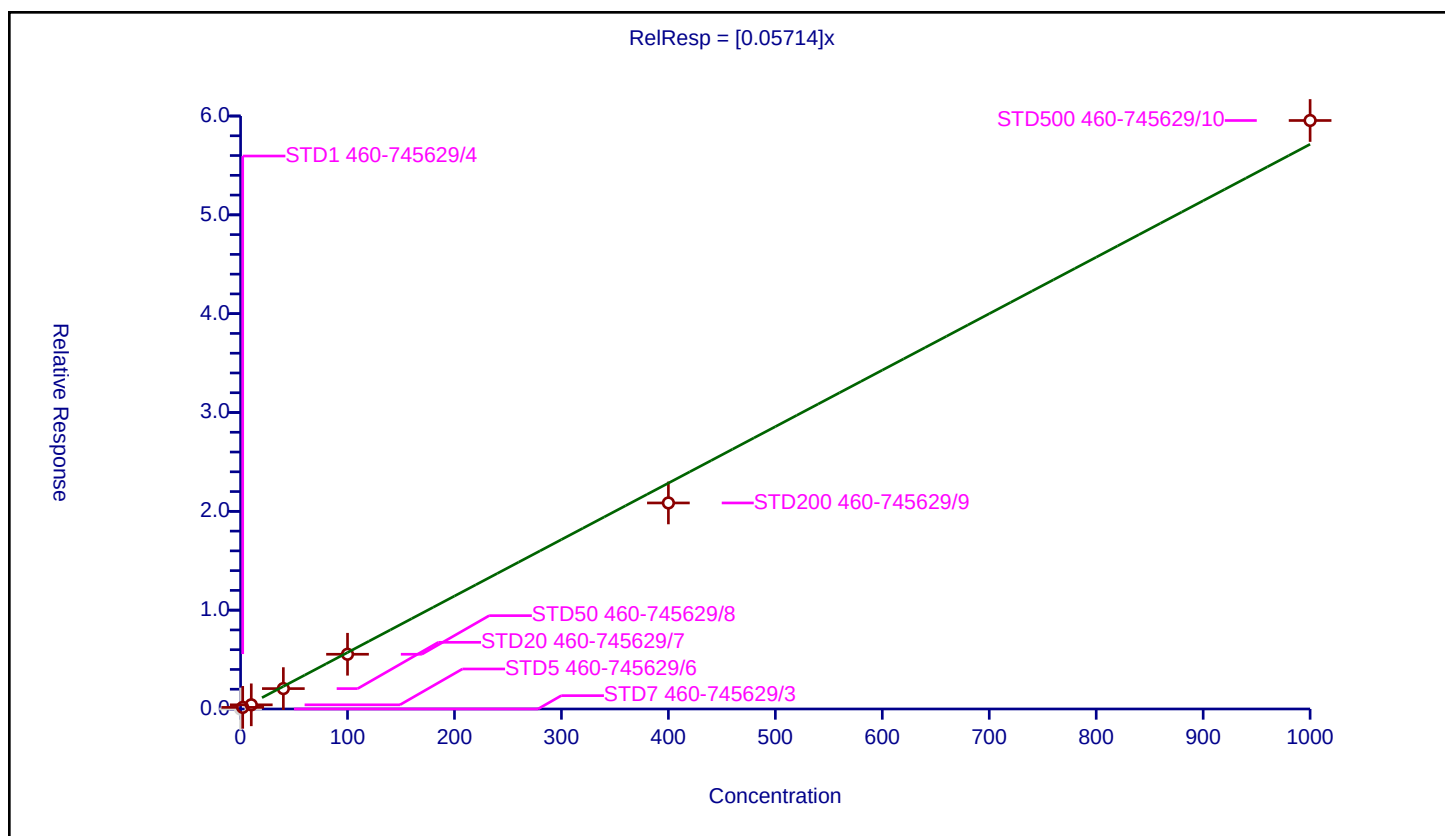
Curve Coefficients

Intercept: 0
 Slope: 0.05714

Error Coefficients

Standard Error: 325000
 Relative Standard Error: 23.4
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.925

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	2.0	0.163785	50.0	518361.0	0.081893	Y
3	STD5 460-745629/6	10.0	0.423093	50.0	521753.0	0.042309	Y
4	STD20 460-745629/7	40.0	2.064118	50.0	551107.0	0.051603	Y
5	STD50 460-745629/8	100.0	5.537481	50.0	521302.0	0.055375	Y
6	STD200 460-745629/9	400.0	20.848561	50.0	556554.0	0.052121	Y
7	STD500 460-745629/10	1000.0	59.547312	50.0	576843.0	0.059547	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

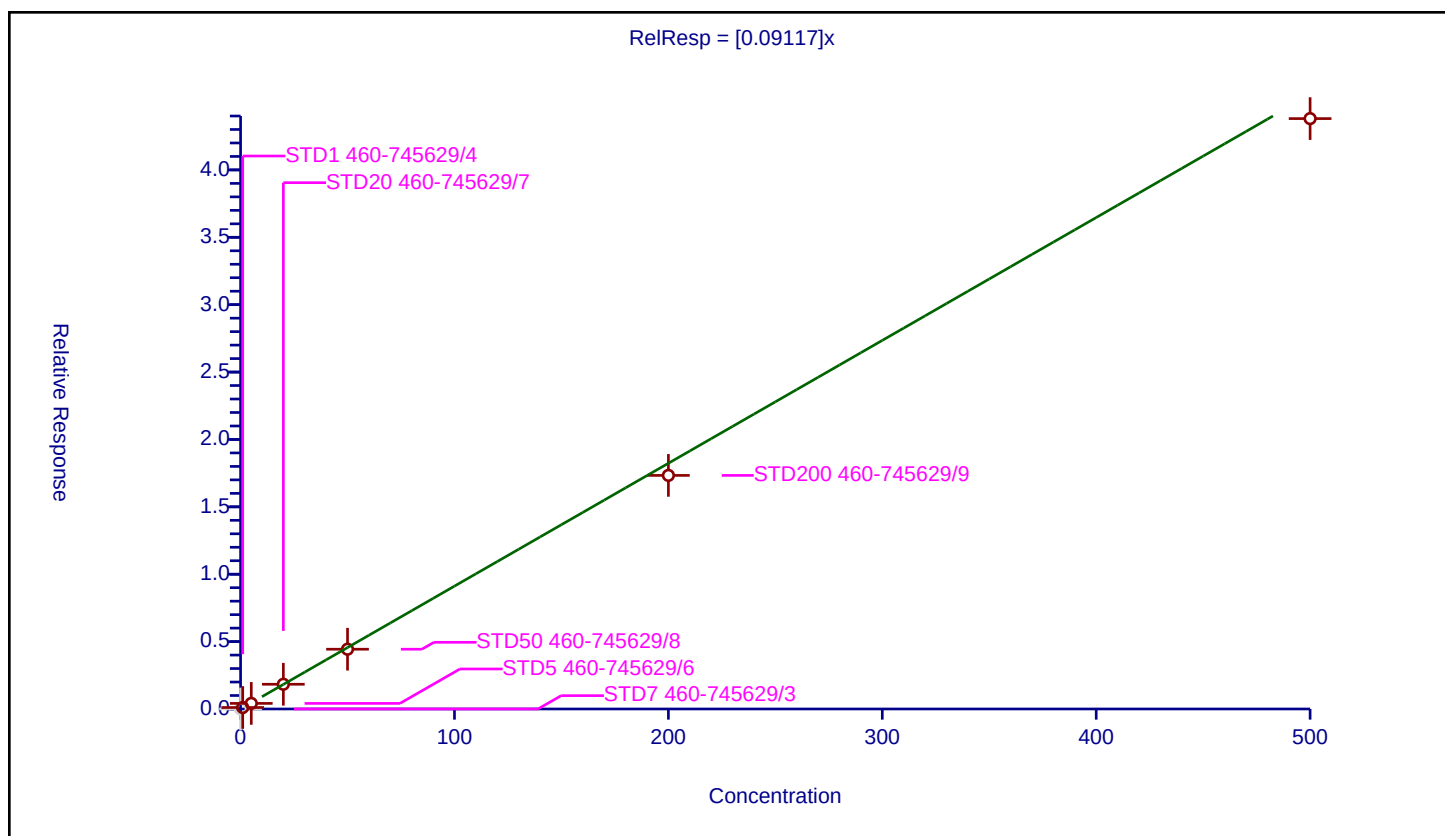
Curve Coefficients

Intercept: 0
 Slope: 0.09117

Error Coefficients

Standard Error: 243000
 Relative Standard Error: 10.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.10919	50.0	518361.0	0.10919	Y
3	STD5 460-745629/6	5.0	0.415331	50.0	521753.0	0.083066	Y
4	STD20 460-745629/7	20.0	1.835306	50.0	551107.0	0.091765	Y
5	STD50 460-745629/8	50.0	4.435049	50.0	521302.0	0.088701	Y
6	STD200 460-745629/9	200.0	17.333089	50.0	556554.0	0.086665	Y
7	STD500 460-745629/10	500.0	43.808281	50.0	576843.0	0.087617	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

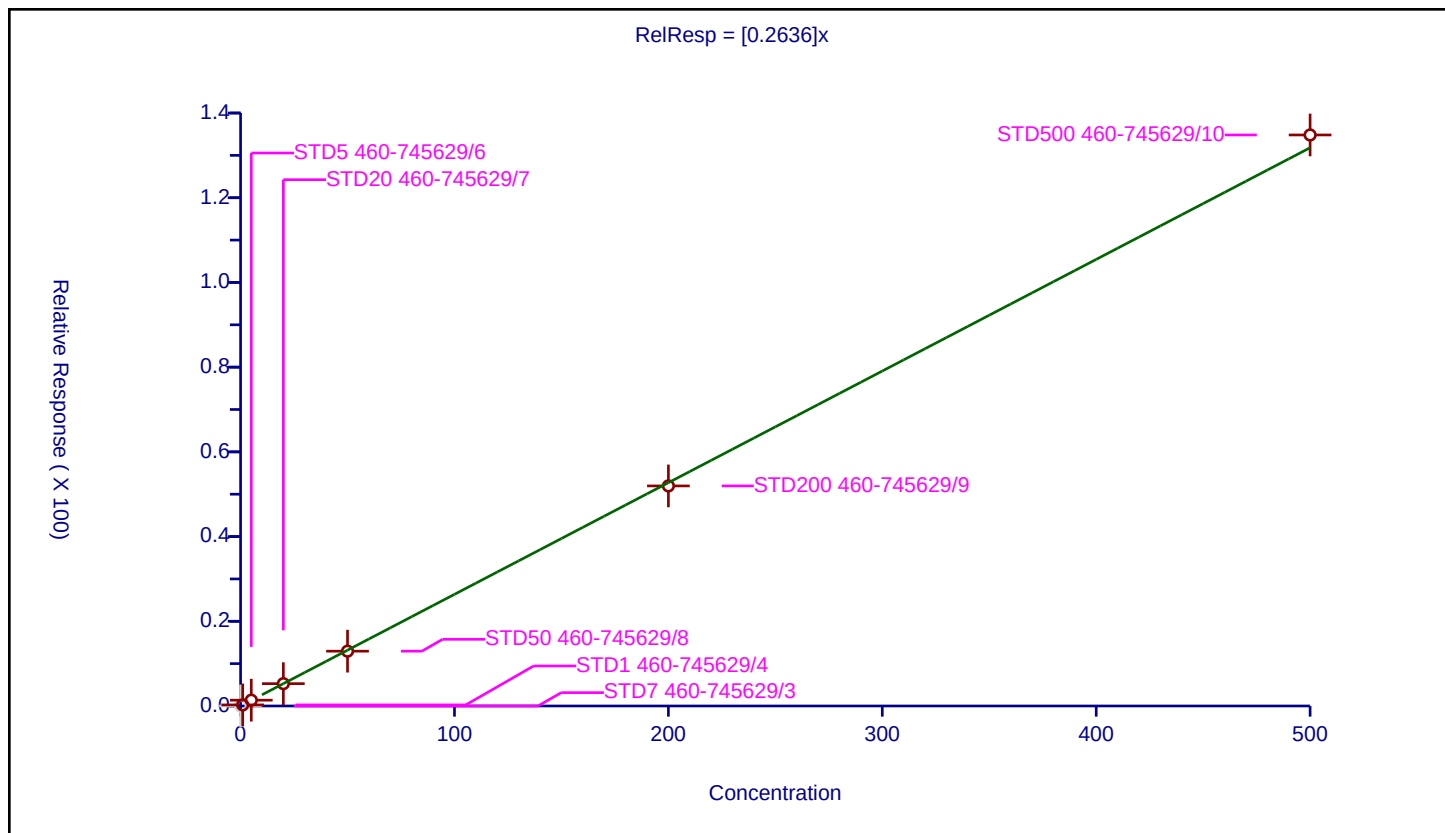
Curve Coefficients

Intercept: 0
 Slope: 0.2636

Error Coefficients

Standard Error: 745000
 Relative Standard Error: 2.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.255903	50.0	518361.0	0.255903	Y
3	STD5 460-745629/6	5.0	1.369134	50.0	521753.0	0.273827	Y
4	STD20 460-745629/7	20.0	5.273023	50.0	551107.0	0.263651	Y
5	STD50 460-745629/8	50.0	12.941826	50.0	521302.0	0.258837	Y
6	STD200 460-745629/9	200.0	51.955695	50.0	556554.0	0.259778	Y
7	STD500 460-745629/10	500.0	134.815626	50.0	576843.0	0.269631	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

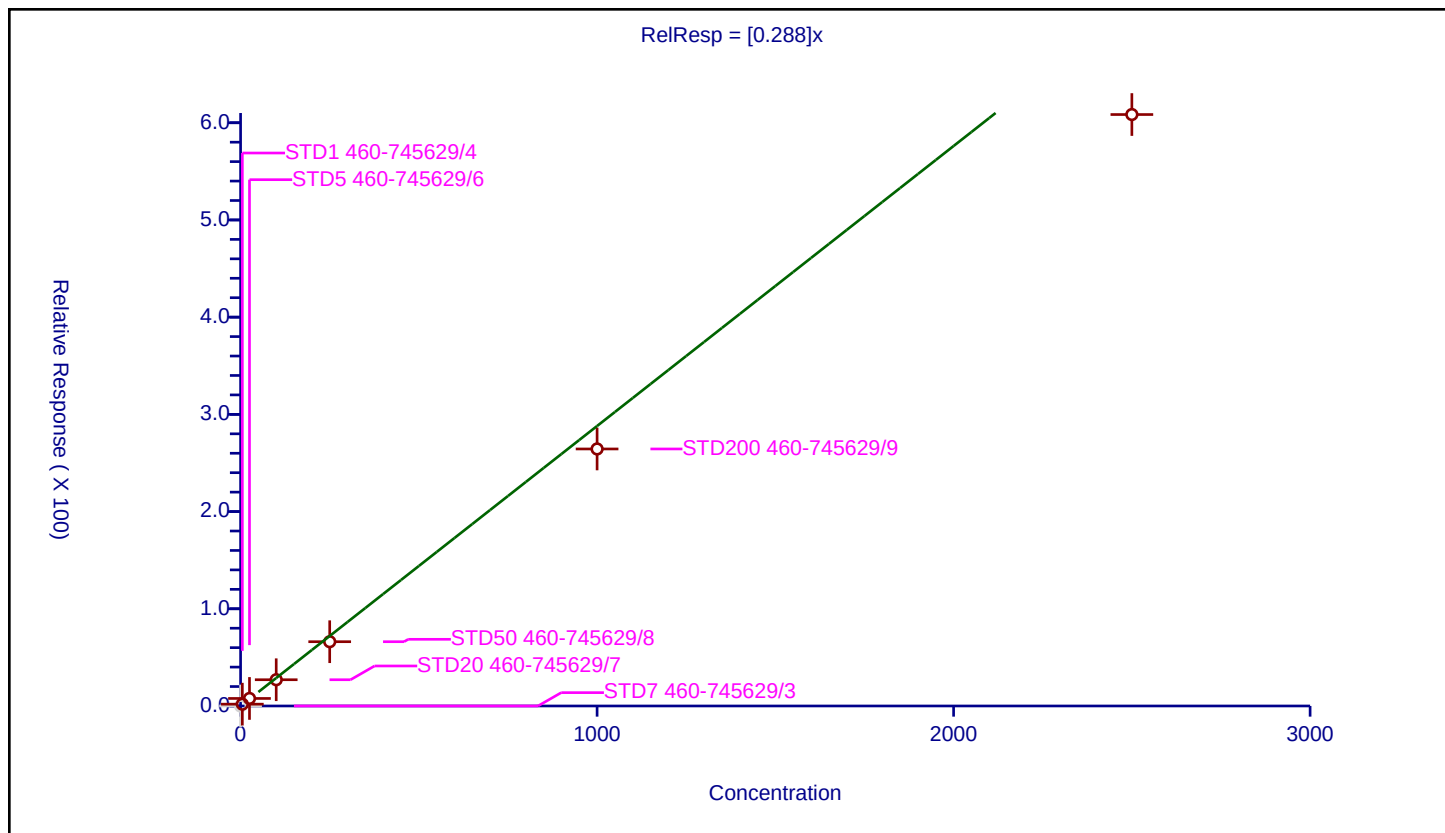
Curve Coefficients

Intercept: 0
 Slope: 0.288

Error Coefficients

Standard Error: 404000
 Relative Standard Error: 16.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	5.0	1.879638	250.0	276782.0	0.375928	Y
3	STD5 460-745629/6	25.0	7.748211	250.0	276096.0	0.309928	Y
4	STD20 460-745629/7	100.0	27.006654	250.0	293511.0	0.270067	Y
5	STD50 460-745629/8	250.0	66.129336	250.0	281267.0	0.264517	Y
6	STD200 460-745629/9	1000.0	264.39764	250.0	300518.0	0.264398	Y
7	STD500 460-745629/10	2500.0	608.439444	250.0	346101.0	0.243376	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

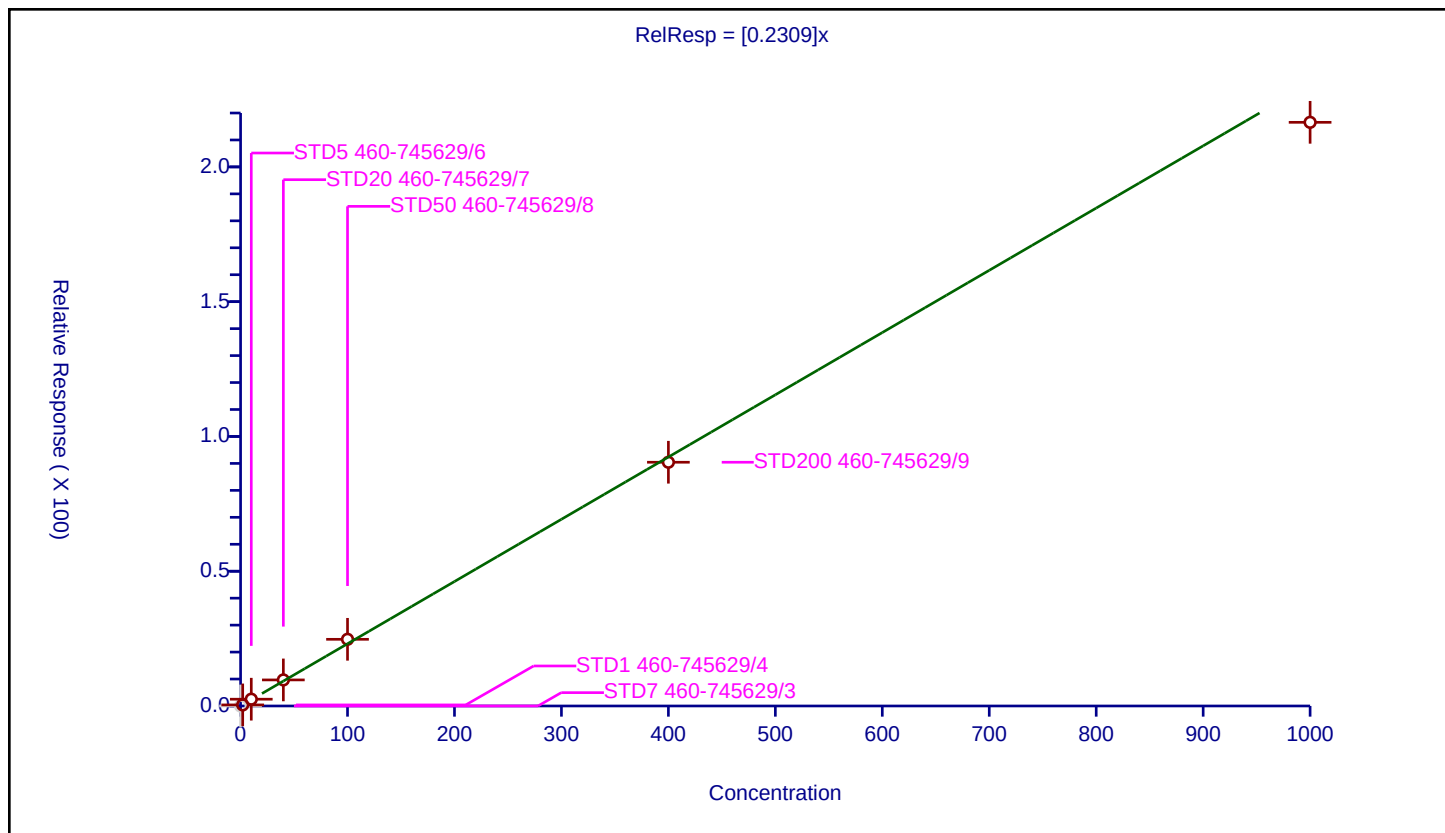
Curve Coefficients

Intercept: 0
 Slope: 0.2309

Error Coefficients

Standard Error: 143000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	2.0	0.402844	250.0	276782.0	0.201422	Y
3	STD5 460-745629/6	10.0	2.521768	250.0	276096.0	0.252177	Y
4	STD20 460-745629/7	40.0	9.674254	250.0	293511.0	0.241856	Y
5	STD50 460-745629/8	100.0	24.741616	250.0	281267.0	0.247416	Y
6	STD200 460-745629/9	400.0	90.433019	250.0	300518.0	0.226083	Y
7	STD500 460-745629/10	1000.0	216.54517	250.0	346101.0	0.216545	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

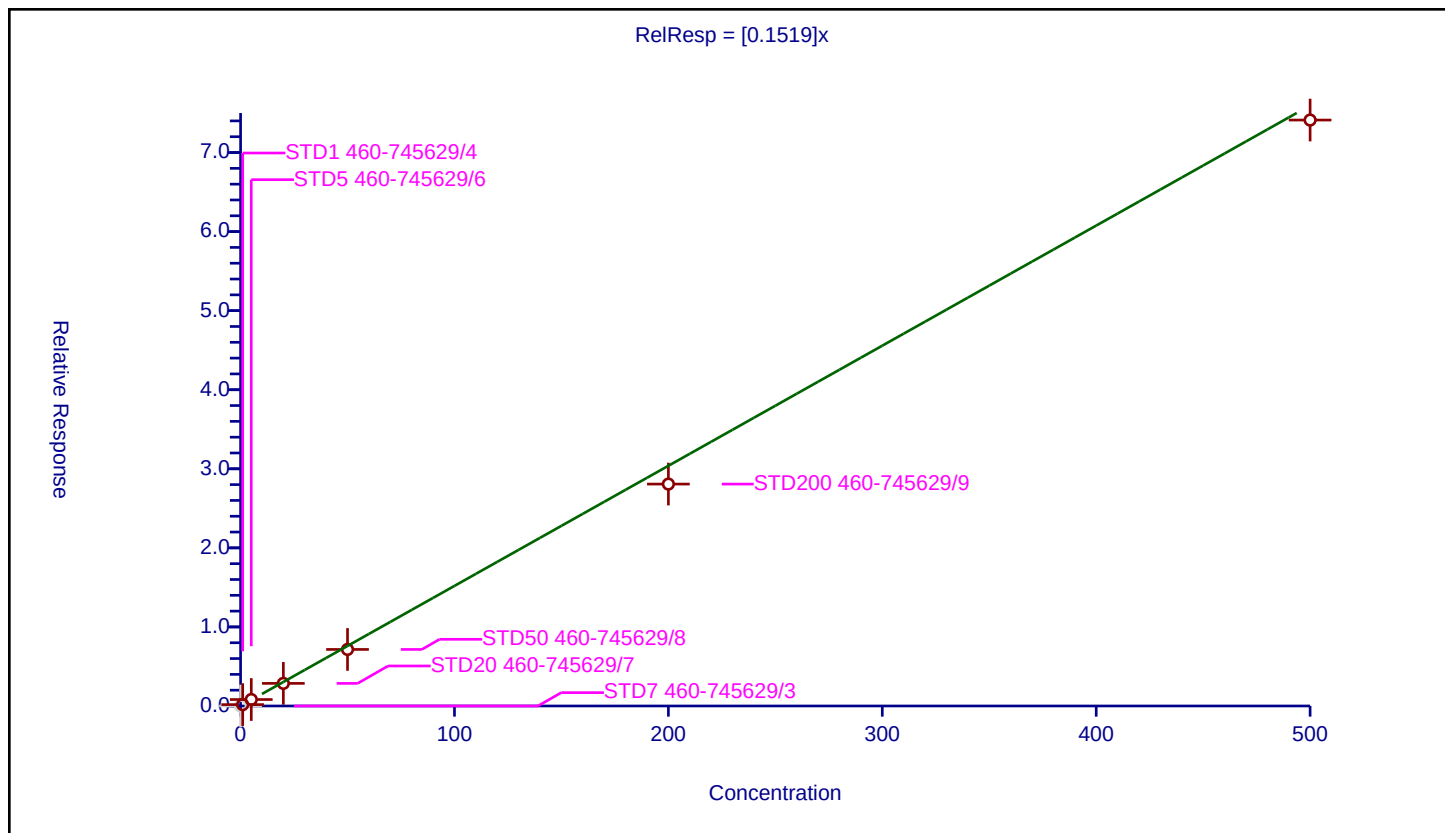
Curve Coefficients

Intercept: 0
 Slope: 0.1519

Error Coefficients

Standard Error: 409000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.173431	50.0	518361.0	0.173431	Y
3	STD5 460-745629/6	5.0	0.817245	50.0	521753.0	0.163449	Y
4	STD20 460-745629/7	20.0	2.859789	50.0	551107.0	0.142989	Y
5	STD50 460-745629/8	50.0	7.151133	50.0	521302.0	0.143023	Y
6	STD200 460-745629/9	200.0	28.068166	50.0	556554.0	0.140341	Y
7	STD500 460-745629/10	500.0	74.109506	50.0	576843.0	0.148219	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

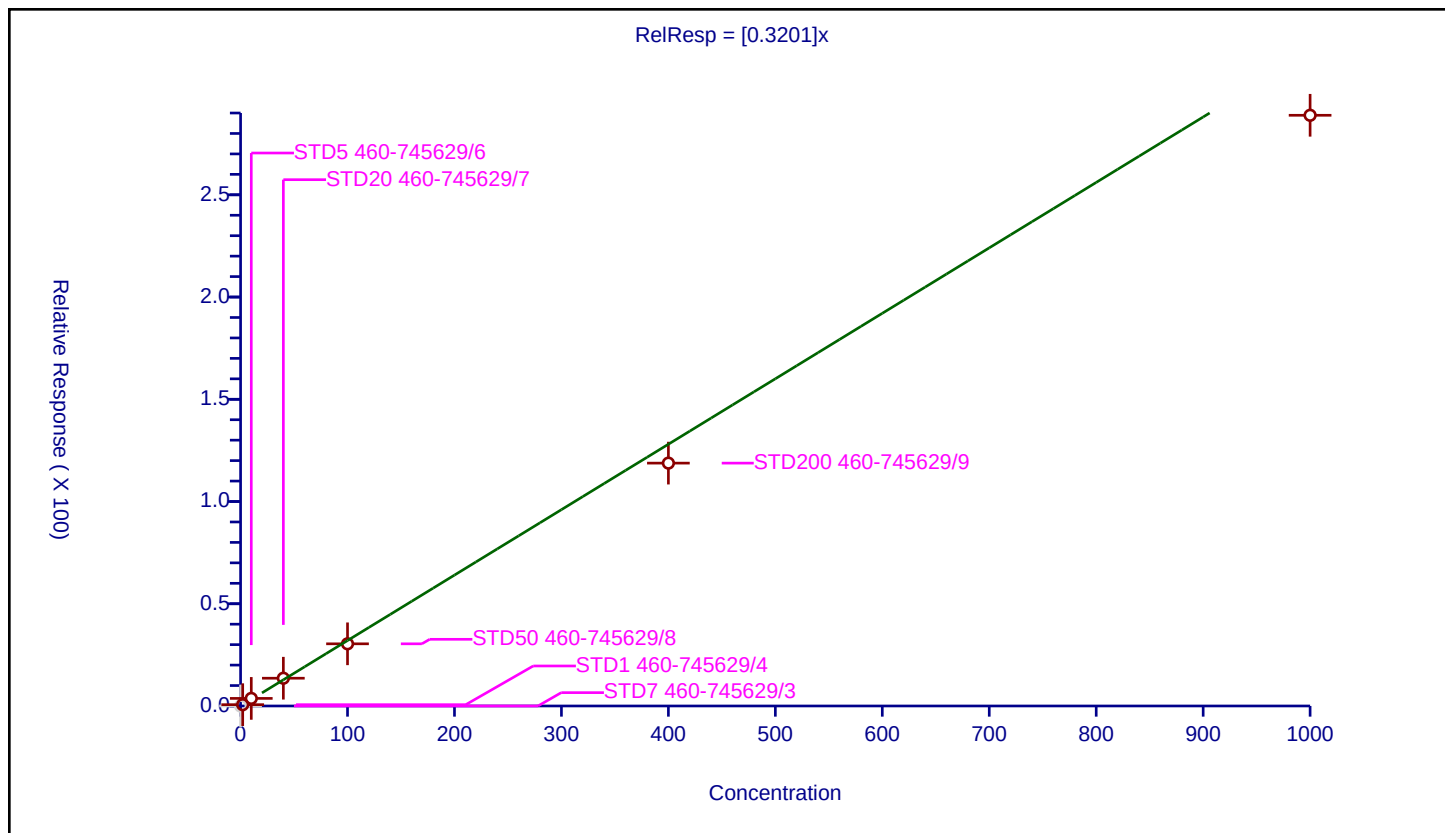
Curve Coefficients

Intercept: 0
 Slope: 0.3201

Error Coefficients

Standard Error: 191000
 Relative Standard Error: 9.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	2.0	0.639492	250.0	276782.0	0.319746	Y
3	STD5 460-745629/6	10.0	3.711571	250.0	276096.0	0.371157	Y
4	STD20 460-745629/7	40.0	13.582966	250.0	293511.0	0.339574	Y
5	STD50 460-745629/8	100.0	30.40794	250.0	281267.0	0.304079	Y
6	STD200 460-745629/9	400.0	118.778243	250.0	300518.0	0.296946	Y
7	STD500 460-745629/10	1000.0	288.89616	250.0	346101.0	0.288896	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

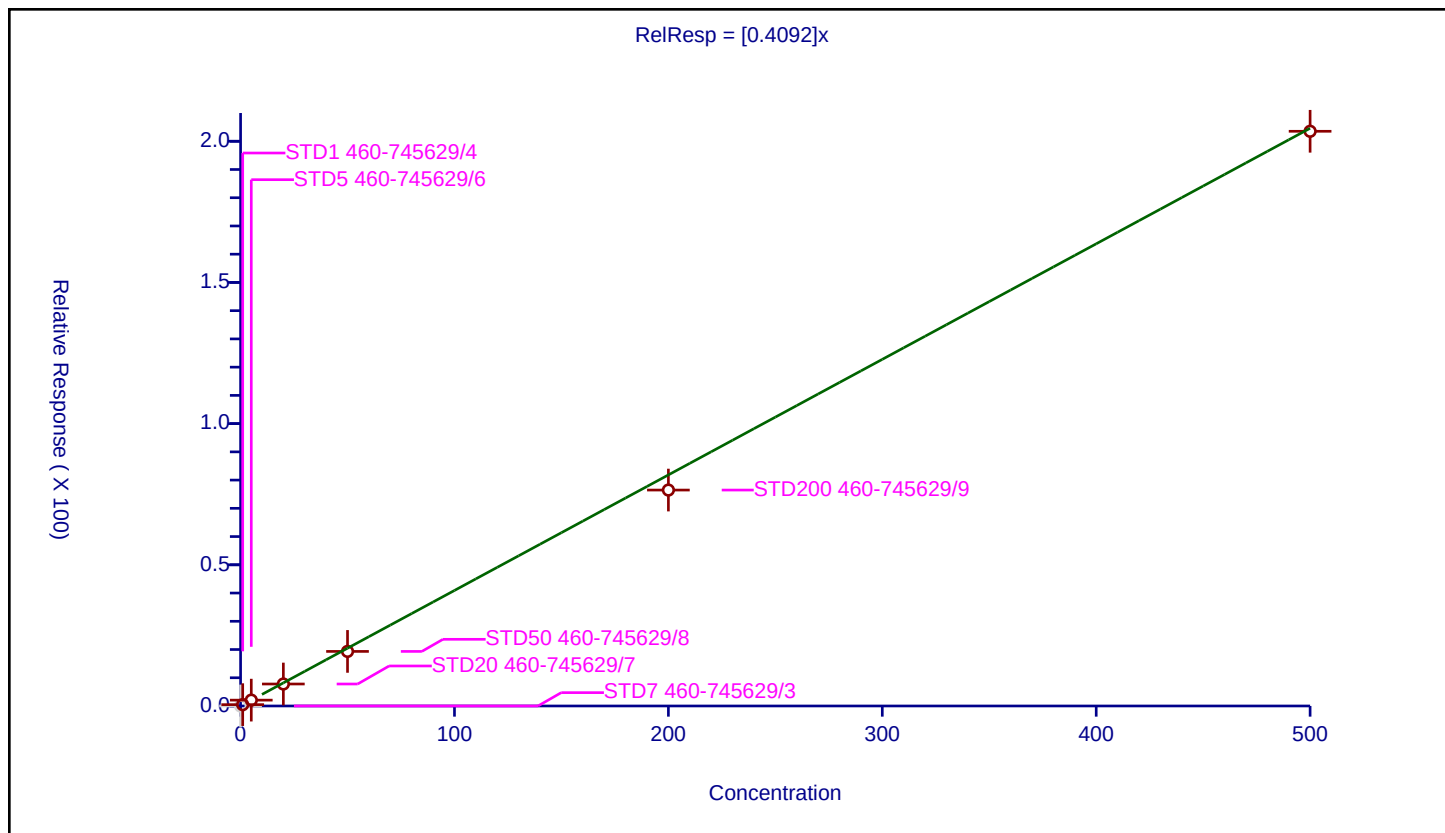
Curve Coefficients

Intercept: 0
 Slope: 0.4092

Error Coefficients

Standard Error: 1120000
 Relative Standard Error: 8.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.475923	50.0	518361.0	0.475923	Y
3	STD5 460-745629/6	5.0	2.070999	50.0	521753.0	0.4142	Y
4	STD20 460-745629/7	20.0	7.783334	50.0	551107.0	0.389167	Y
5	STD50 460-745629/8	50.0	19.324883	50.0	521302.0	0.386498	Y
6	STD200 460-745629/9	200.0	76.476496	50.0	556554.0	0.382382	Y
7	STD500 460-745629/10	500.0	203.52765	50.0	576843.0	0.407055	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

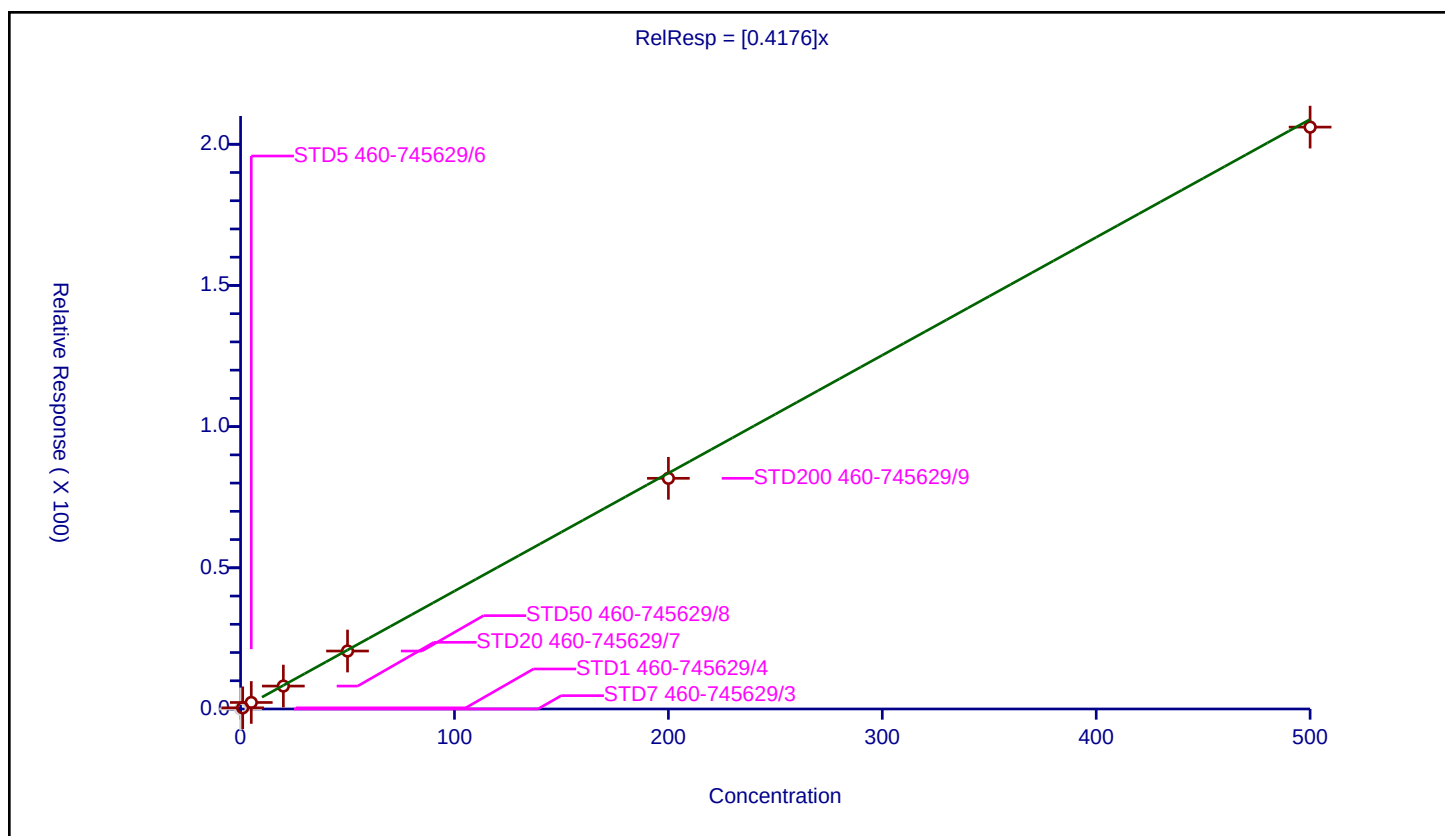
Curve Coefficients

Intercept: 0
 Slope: 0.4176

Error Coefficients

Standard Error: 1140000
 Relative Standard Error: 5.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.406763	50.0	518361.0	0.406763	Y
3	STD5 460-745629/6	5.0	2.309522	50.0	521753.0	0.461904	Y
4	STD20 460-745629/7	20.0	8.117661	50.0	551107.0	0.405883	Y
5	STD50 460-745629/8	50.0	20.528216	50.0	521302.0	0.410564	Y
6	STD200 460-745629/9	200.0	81.692702	50.0	556554.0	0.408464	Y
7	STD500 460-745629/10	500.0	206.075223	50.0	576843.0	0.41215	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

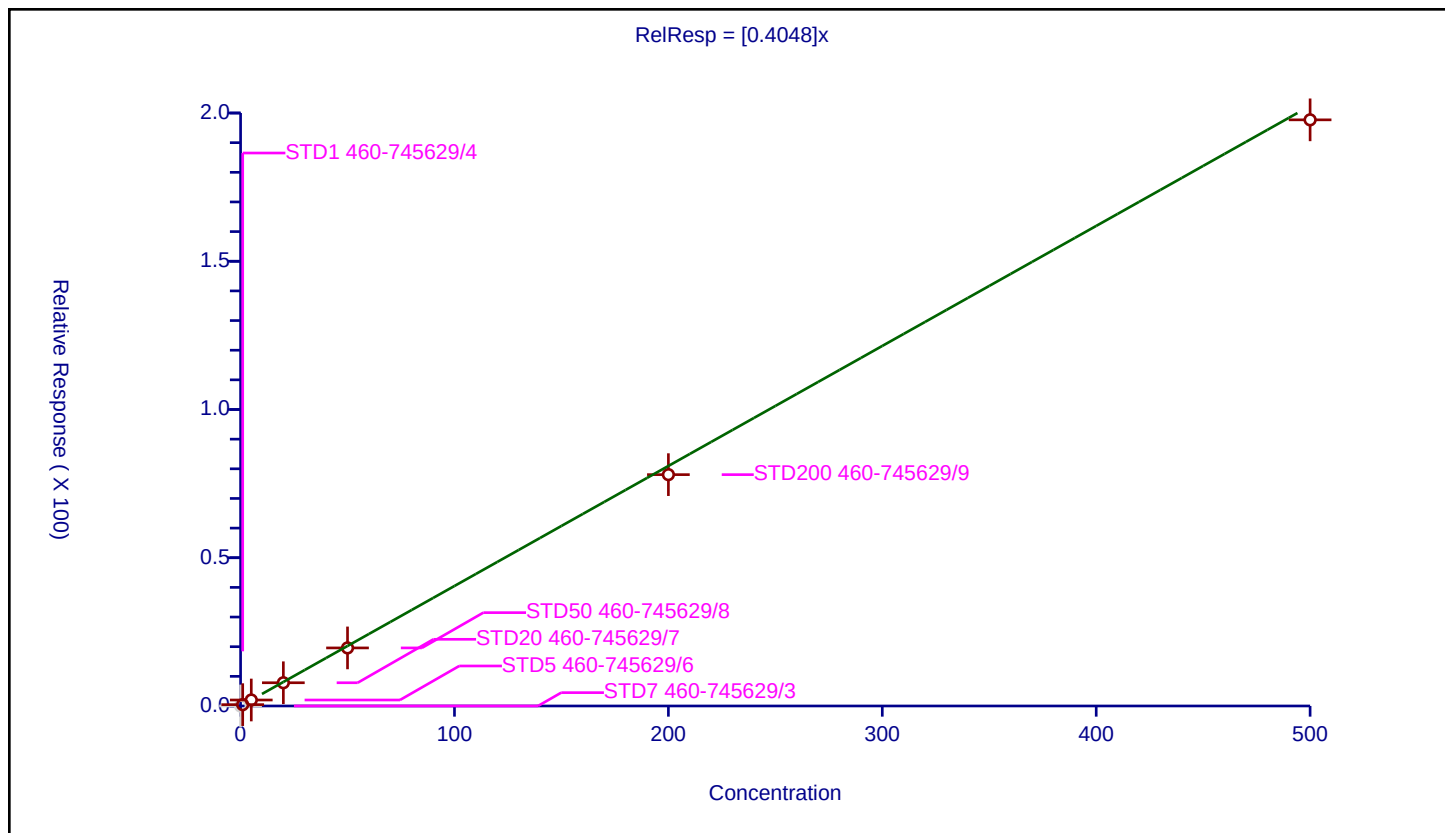
Curve Coefficients

Intercept: 0
 Slope: 0.4048

Error Coefficients

Standard Error: 1100000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.455474	50.0	518361.0	0.455474	Y
3	STD5 460-745629/6	5.0	2.021455	50.0	521753.0	0.404291	Y
4	STD20 460-745629/7	20.0	7.837226	50.0	551107.0	0.391861	Y
5	STD50 460-745629/8	50.0	19.580876	50.0	521302.0	0.391618	Y
6	STD200 460-745629/9	200.0	78.032141	50.0	556554.0	0.390161	Y
7	STD500 460-745629/10	500.0	197.698681	50.0	576843.0	0.395397	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

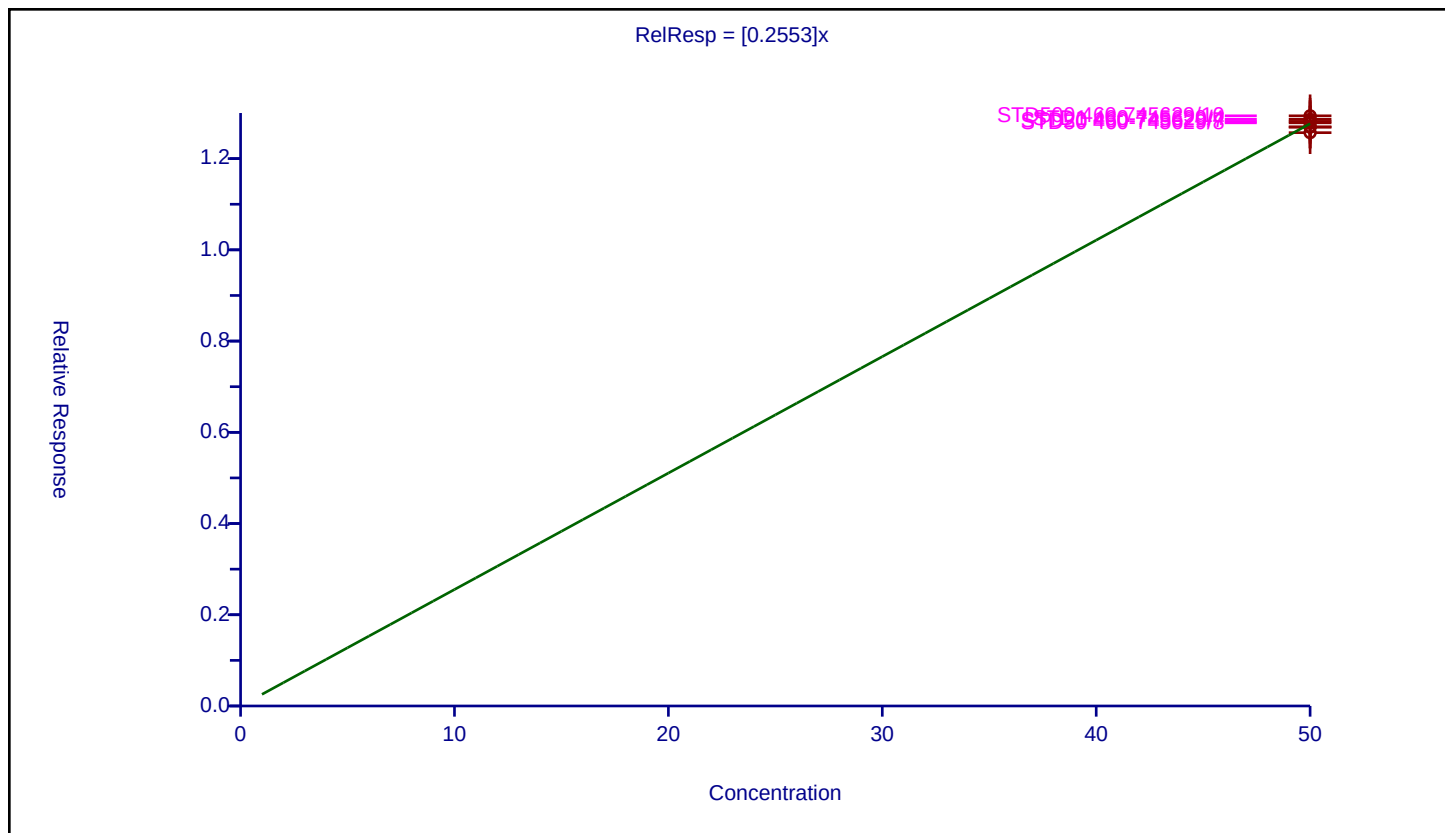
Curve Coefficients

Intercept: 0
Slope: 0.2553

Error Coefficients

Standard Error: 147000
Relative Standard Error: 1.0
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0.0000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	50.0	12.569246	50.0	490642.0	0.251385	Y
2	STD1 460-745629/4	50.0	12.86285	50.0	518361.0	0.257257	Y
3	STD5 460-745629/6	50.0	12.689146	50.0	521753.0	0.253783	Y
4	STD20 460-745629/7	50.0	12.816023	50.0	551107.0	0.25632	Y
5	STD50 460-745629/8	50.0	12.784624	50.0	521302.0	0.255692	Y
6	STD200 460-745629/9	50.0	12.697061	50.0	556554.0	0.253941	Y
7	STD500 460-745629/10	50.0	12.938443	50.0	576843.0	0.258769	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

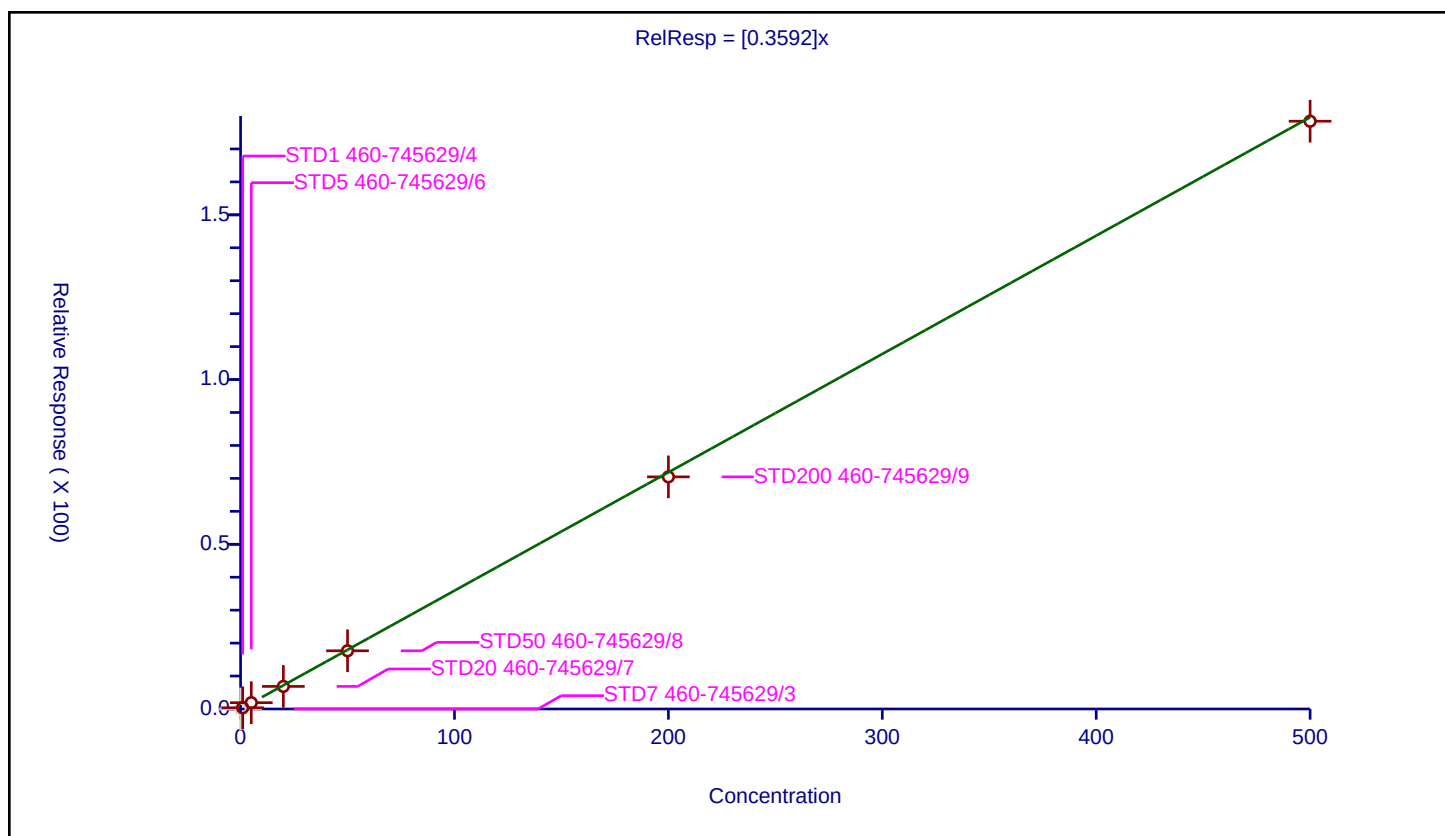
Curve Coefficients

Intercept: 0
Slope: 0.3592

Error Coefficients

Standard Error: 989000
Relative Standard Error: 3.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.367697	50.0	518361.0	0.367697	Y
3	STD5 460-745629/6	5.0	1.911441	50.0	521753.0	0.382288	Y
4	STD20 460-745629/7	20.0	6.854839	50.0	551107.0	0.342742	Y
5	STD50 460-745629/8	50.0	17.664137	50.0	521302.0	0.353283	Y
6	STD200 460-745629/9	200.0	70.463603	50.0	556554.0	0.352318	Y
7	STD500 460-745629/10	500.0	178.422292	50.0	576843.0	0.356845	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

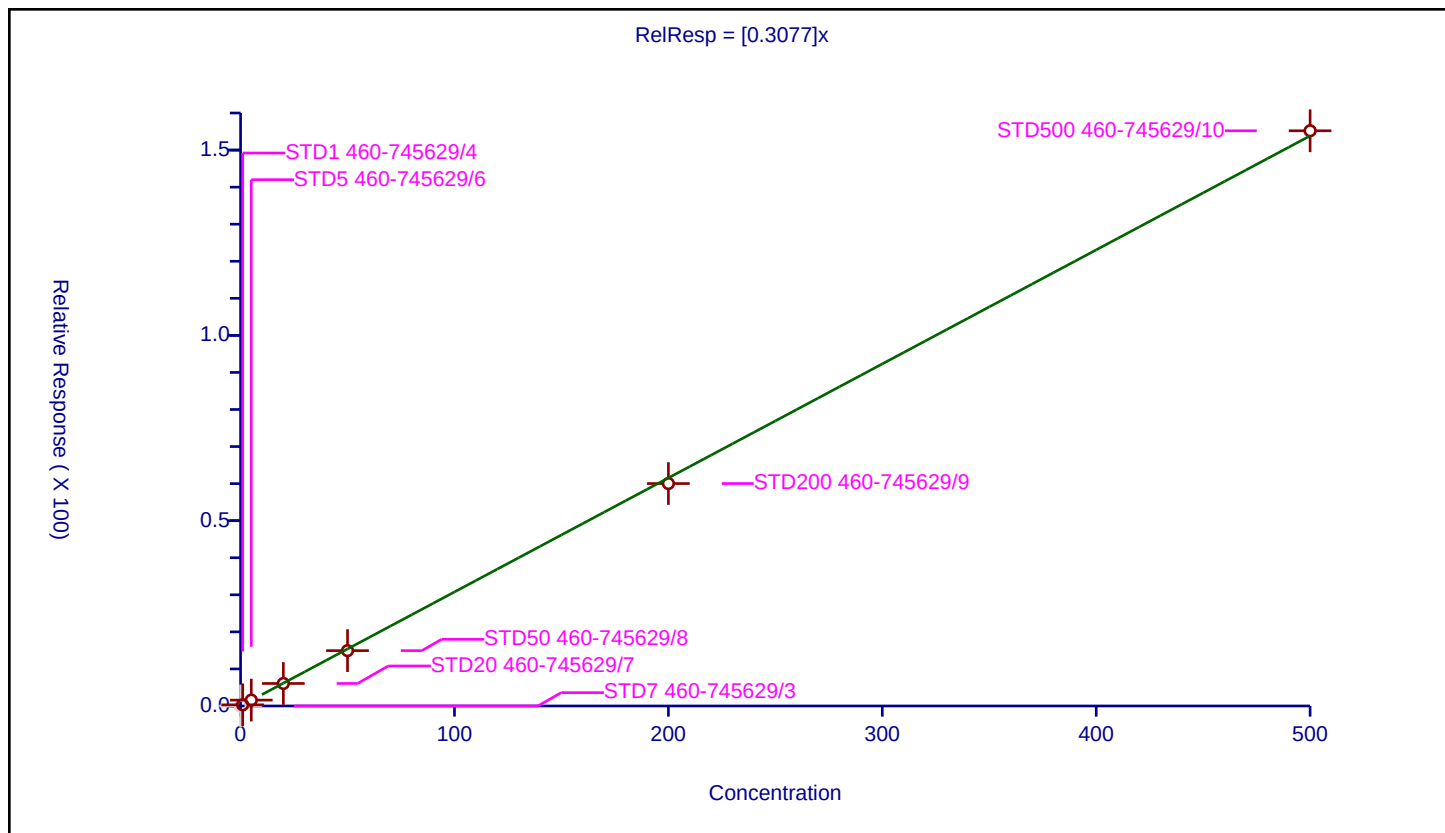
Curve Coefficients

Intercept: 0
 Slope: 0.3077

Error Coefficients

Standard Error: 858000
 Relative Standard Error: 2.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.316189	50.0	518361.0	0.316189	Y
3	STD5 460-745629/6	5.0	1.584658	50.0	521753.0	0.316932	Y
4	STD20 460-745629/7	20.0	6.075862	50.0	551107.0	0.303793	Y
5	STD50 460-745629/8	50.0	14.932515	50.0	521302.0	0.29865	Y
6	STD200 460-745629/9	200.0	60.023286	50.0	556554.0	0.300116	Y
7	STD500 460-745629/10	500.0	155.204449	50.0	576843.0	0.310409	Y



Calibration

/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

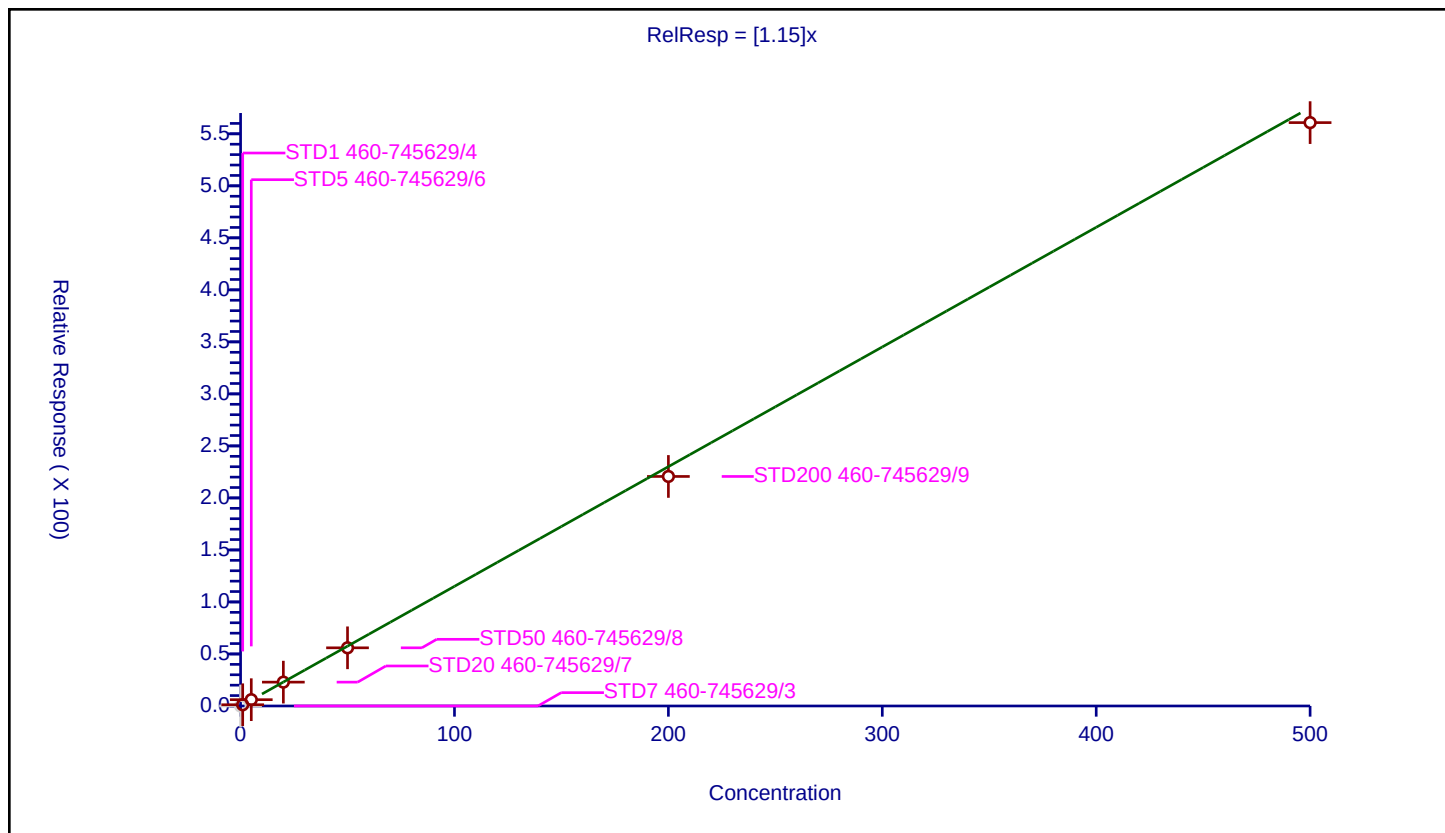
Curve Coefficients

Intercept: 0
 Slope: 1.15

Error Coefficients

Standard Error: 2540000
 Relative Standard Error: 4.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	1.1995	50.0	391830.0	1.1995	Y
3	STD5 460-745629/6	5.0	6.063587	50.0	393884.0	1.212717	Y
4	STD20 460-745629/7	20.0	22.938431	50.0	421269.0	1.146922	Y
5	STD50 460-745629/8	50.0	55.914852	50.0	405530.0	1.118297	Y
6	STD200 460-745629/9	200.0	220.649183	50.0	440831.0	1.103246	Y
7	STD500 460-745629/10	500.0	560.76286	50.0	474674.0	1.121526	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

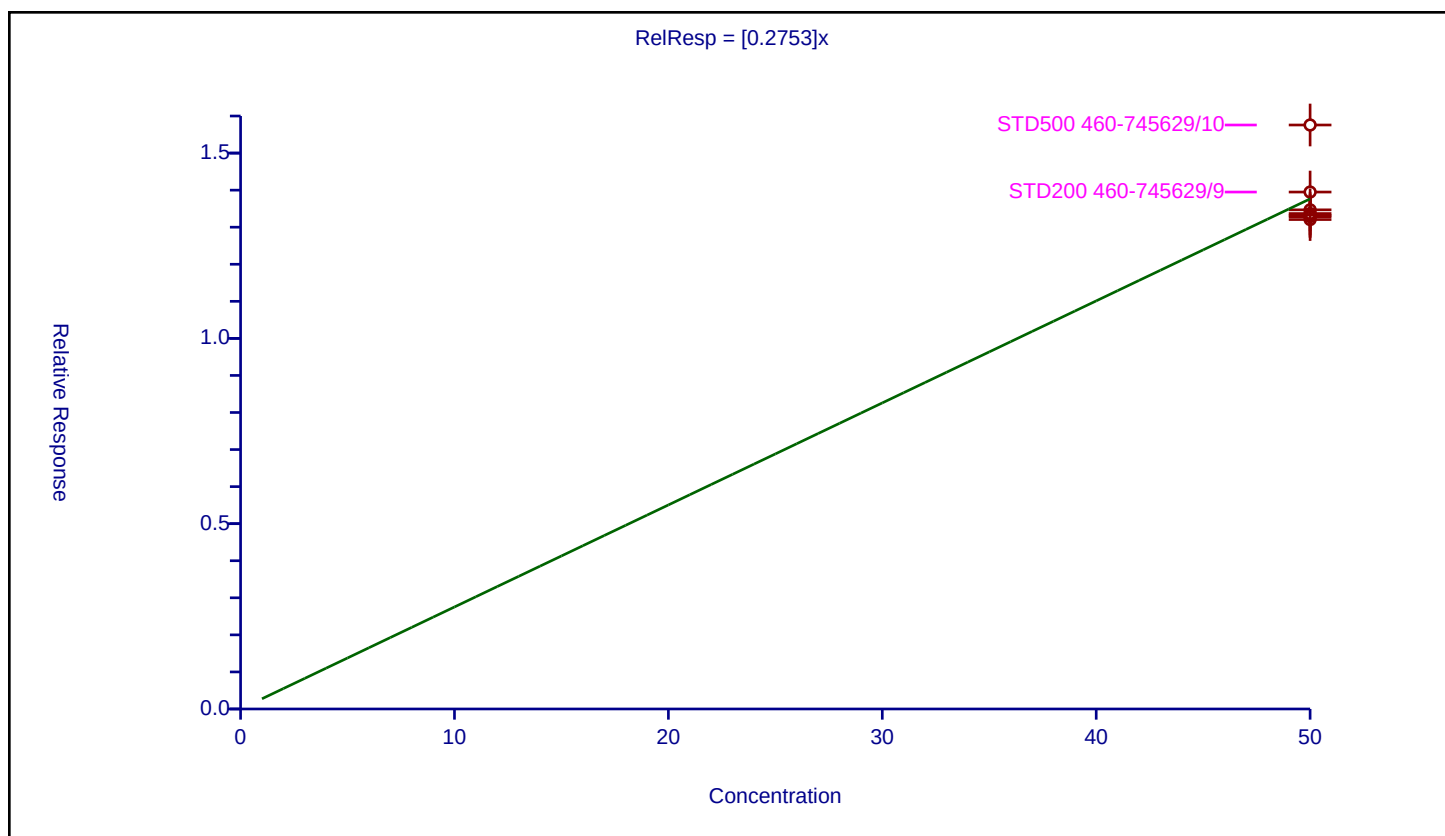
Curve Coefficients

Intercept: 0
Slope: 0.2753

Error Coefficients

Standard Error: 160000
Relative Standard Error: 6.6
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	50.0	13.206065	50.0	490642.0	0.264121	Y
2	STD1 460-745629/4	50.0	13.468606	50.0	518361.0	0.269372	Y
3	STD5 460-745629/6	50.0	13.284064	50.0	521753.0	0.265681	Y
4	STD20 460-745629/7	50.0	13.36891	50.0	551107.0	0.267378	Y
5	STD50 460-745629/8	50.0	13.319247	50.0	521302.0	0.266385	Y
6	STD200 460-745629/9	50.0	13.948422	50.0	556554.0	0.278968	Y
7	STD500 460-745629/10	50.0	15.757667	50.0	576843.0	0.315153	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

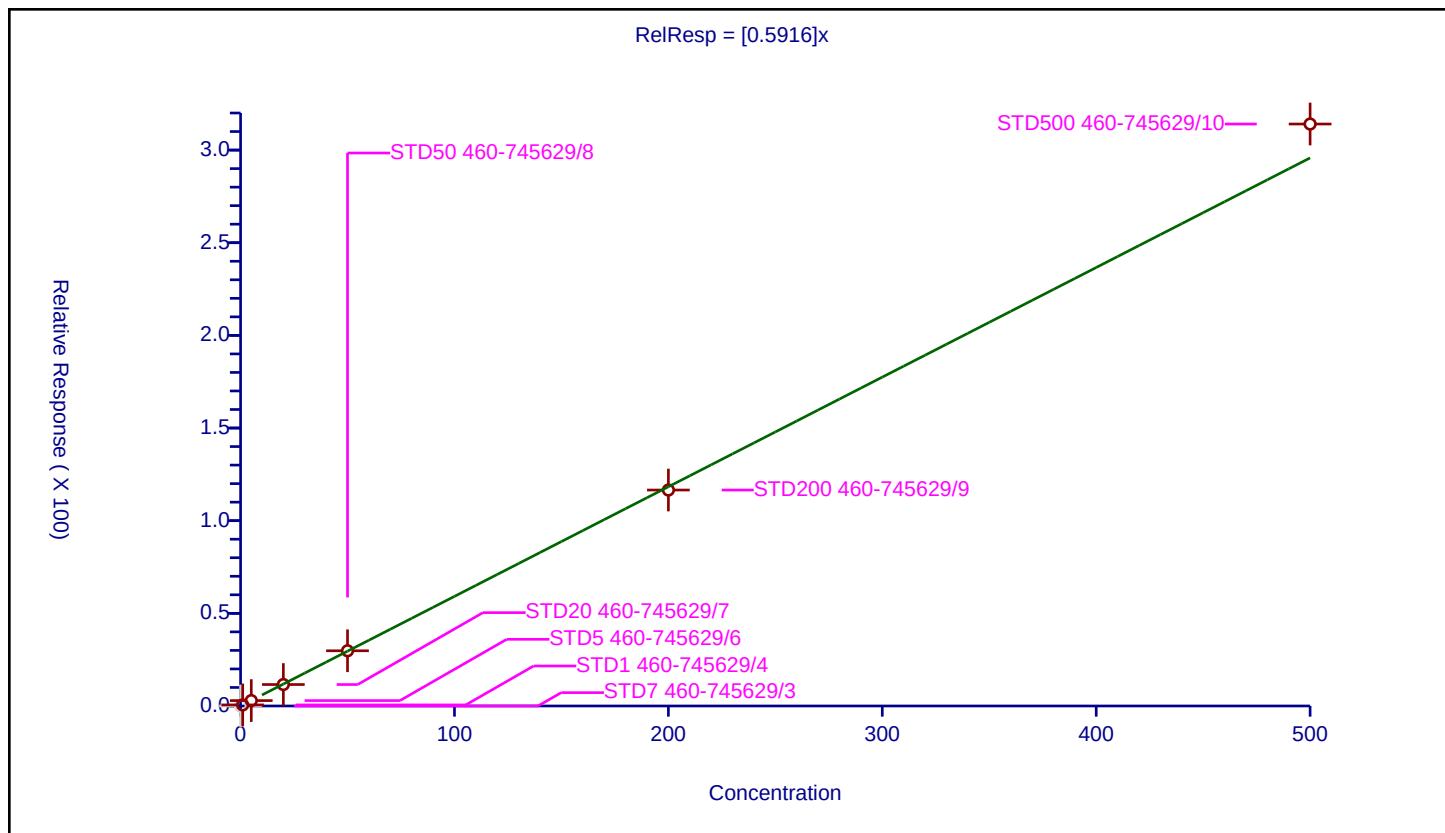
Curve Coefficients

Intercept: 0
 Slope: 0.5916

Error Coefficients

Standard Error: 1730000
 Relative Standard Error: 3.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.579519	50.0	518361.0	0.579519	Y
3	STD5 460-745629/6	5.0	2.92006	50.0	521753.0	0.584012	Y
4	STD20 460-745629/7	20.0	11.584411	50.0	551107.0	0.579221	Y
5	STD50 460-745629/8	50.0	29.791464	50.0	521302.0	0.595829	Y
6	STD200 460-745629/9	200.0	116.539006	50.0	556554.0	0.582695	Y
7	STD500 460-745629/10	500.0	314.063185	50.0	576843.0	0.628126	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

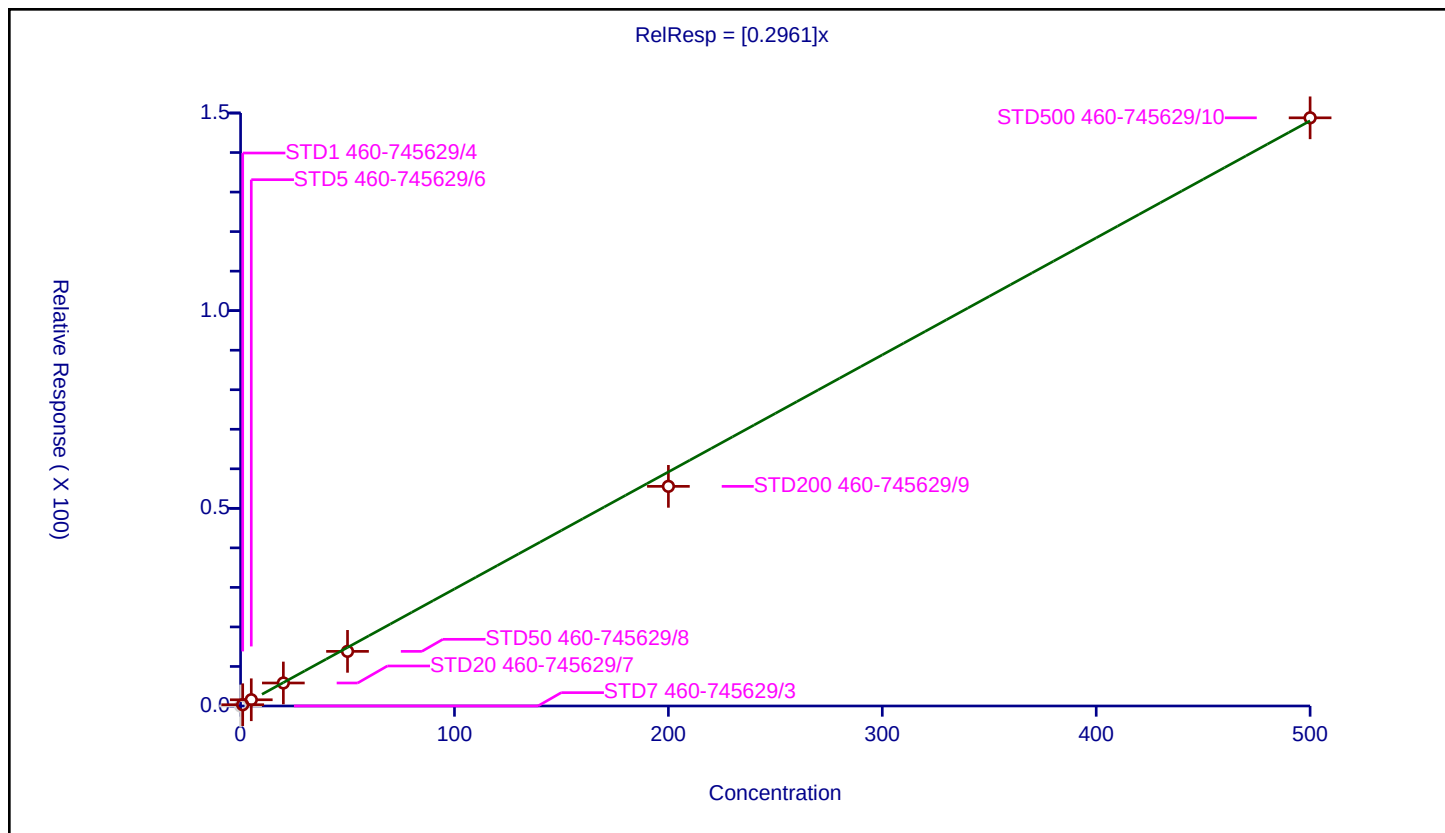
Curve Coefficients

Intercept: 0
 Slope: 0.2961

Error Coefficients

Standard Error: 819000
 Relative Standard Error: 6.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.318697	50.0	518361.0	0.318697	Y
3	STD5 460-745629/6	5.0	1.576129	50.0	521753.0	0.315226	Y
4	STD20 460-745629/7	20.0	5.815658	50.0	551107.0	0.290783	Y
5	STD50 460-745629/8	50.0	13.815504	50.0	521302.0	0.27631	Y
6	STD200 460-745629/9	200.0	55.562084	50.0	556554.0	0.27781	Y
7	STD500 460-745629/10	500.0	148.782858	50.0	576843.0	0.297566	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

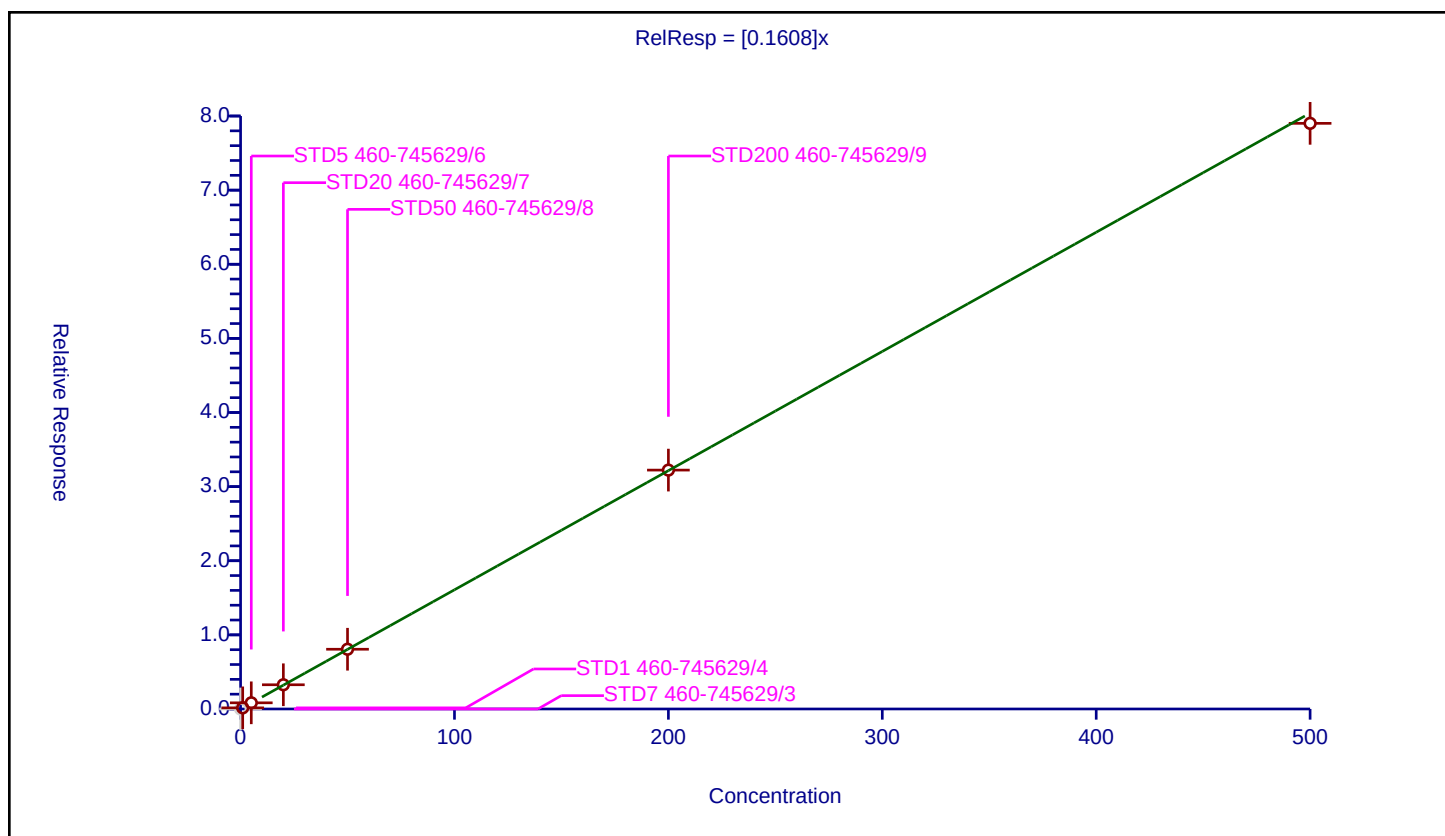
Curve Coefficients

Intercept: 0
 Slope: 0.1608

Error Coefficients

Standard Error: 440000
 Relative Standard Error: 2.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.154236	50.0	518361.0	0.154236	Y
3	STD5 460-745629/6	5.0	0.833728	50.0	521753.0	0.166746	Y
4	STD20 460-745629/7	20.0	3.26697	50.0	551107.0	0.163348	Y
5	STD50 460-745629/8	50.0	8.06193	50.0	521302.0	0.161239	Y
6	STD200 460-745629/9	200.0	32.231014	50.0	556554.0	0.161155	Y
7	STD500 460-745629/10	500.0	79.011187	50.0	576843.0	0.158022	Y



Calibration

/ n-Butanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

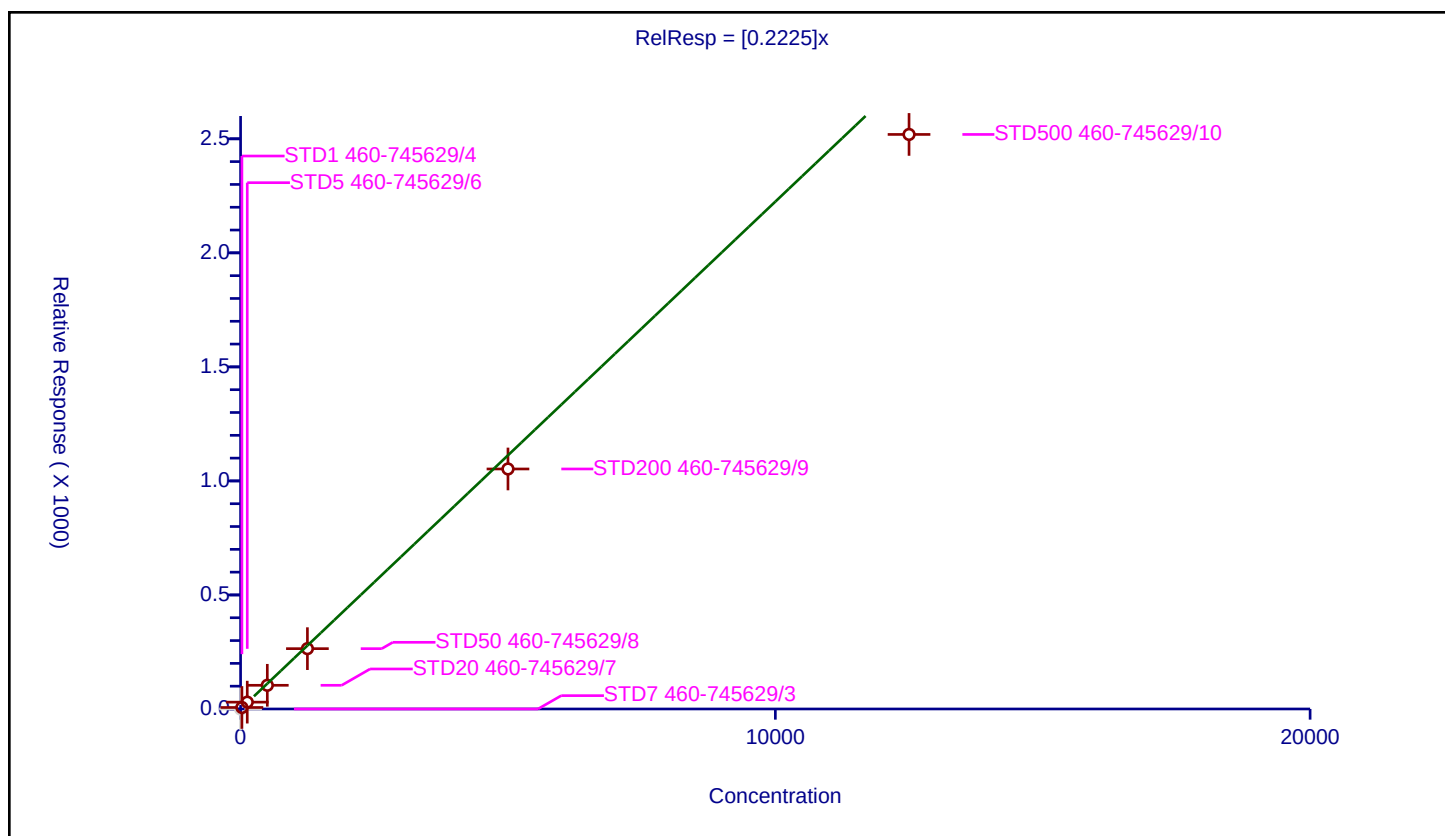
Curve Coefficients

Intercept: 0
 Slope: 0.2225

Error Coefficients

Standard Error: 477000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	309121.0	NaN	N
2	STD1 460-745629/4	25.0	6.596084	1000.0	326709.0	0.263843	Y
3	STD5 460-745629/6	125.0	29.93942	1000.0	333774.0	0.239515	Y
4	STD20 460-745629/7	500.0	103.877258	1000.0	339054.0	0.207755	Y
5	STD50 460-745629/8	1250.0	264.574731	1000.0	339303.0	0.21166	Y
6	STD200 460-745629/9	5000.0	1052.411604	1000.0	345973.0	0.210482	Y
7	STD500 460-745629/10	12500.0	2519.258185	1000.0	397026.0	0.201541	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

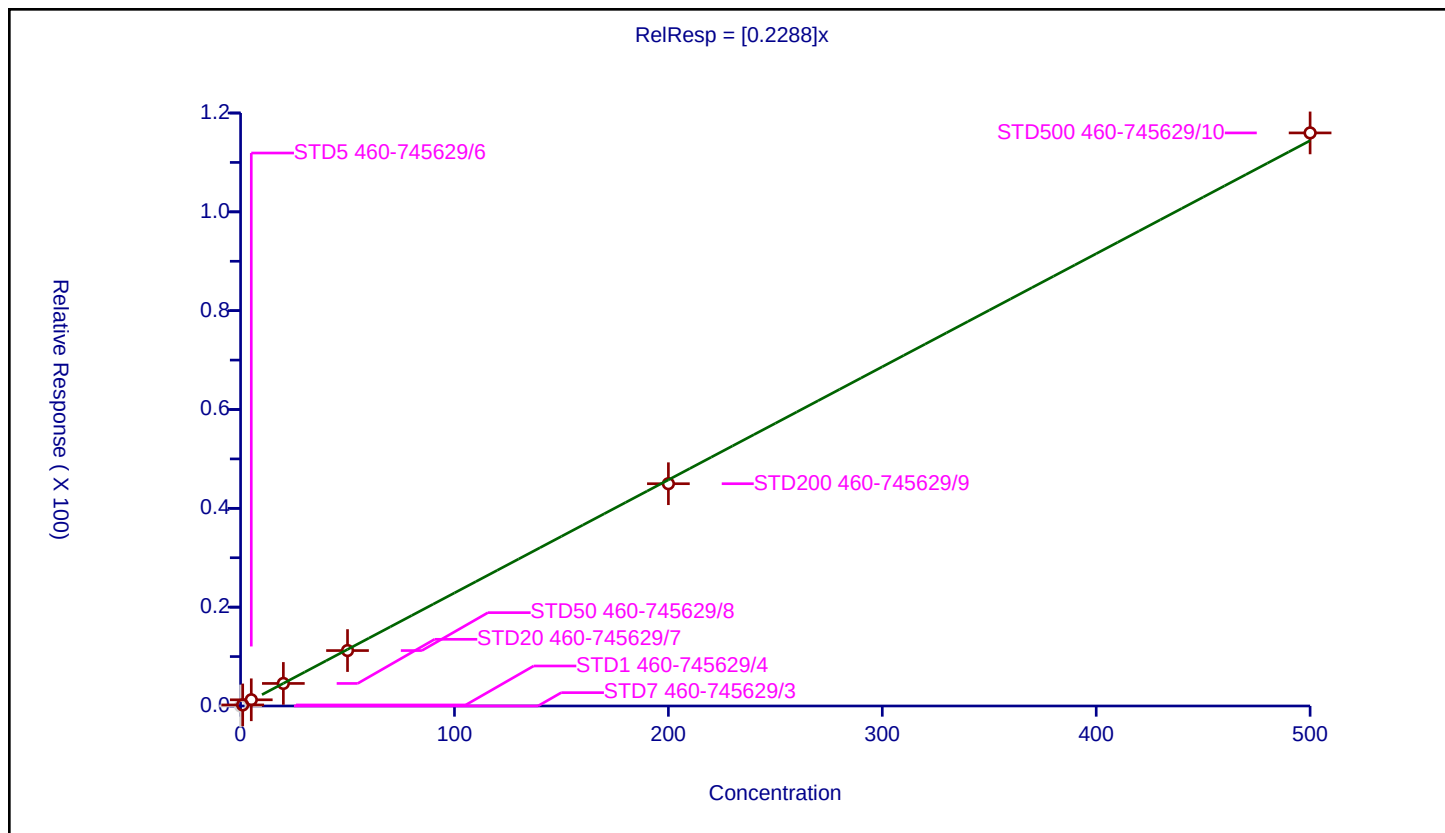
Curve Coefficients

Intercept: 0
 Slope: 0.2288

Error Coefficients

Standard Error: 641000
 Relative Standard Error: 5.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.212786	50.0	518361.0	0.212786	Y
3	STD5 460-745629/6	5.0	1.25385	50.0	521753.0	0.25077	Y
4	STD20 460-745629/7	20.0	4.564631	50.0	551107.0	0.228232	Y
5	STD50 460-745629/8	50.0	11.217394	50.0	521302.0	0.224348	Y
6	STD200 460-745629/9	200.0	44.9809	50.0	556554.0	0.224905	Y
7	STD500 460-745629/10	500.0	115.971677	50.0	576843.0	0.231943	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

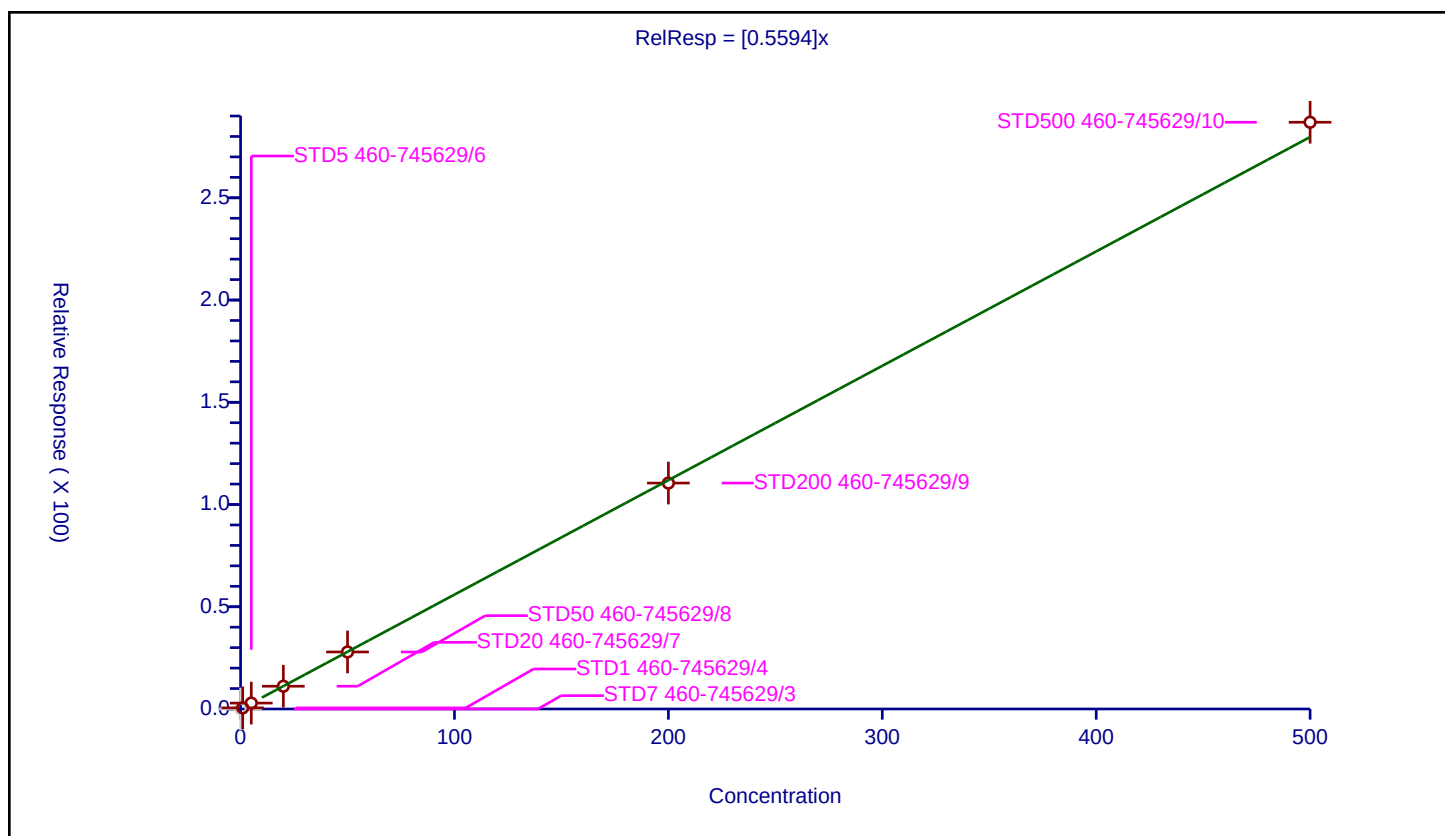
Curve Coefficients

Intercept: 0
 Slope: 0.5594

Error Coefficients

Standard Error: 1590000
 Relative Standard Error: 2.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.539296	50.0	518361.0	0.539296	Y
3	STD5 460-745629/6	5.0	2.884602	50.0	521753.0	0.57692	Y
4	STD20 460-745629/7	20.0	11.12597	50.0	551107.0	0.556299	Y
5	STD50 460-745629/8	50.0	27.888537	50.0	521302.0	0.557771	Y
6	STD200 460-745629/9	200.0	110.49395	50.0	556554.0	0.55247	Y
7	STD500 460-745629/10	500.0	286.947142	50.0	576843.0	0.573894	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

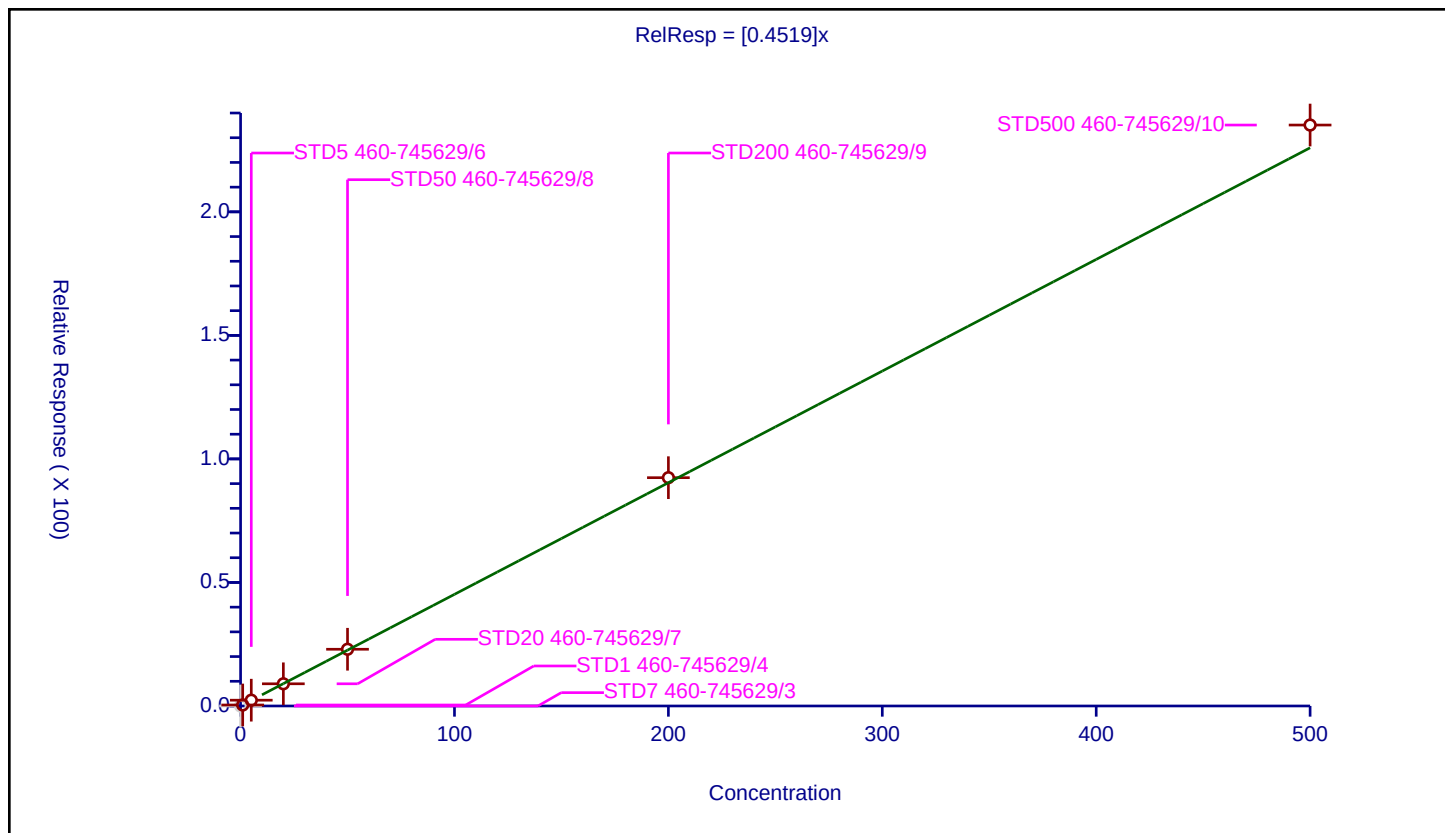
Curve Coefficients

Intercept: 0
Slope: 0.4519

Error Coefficients

Standard Error: 1300000
Relative Standard Error: 5.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.400782	50.0	518361.0	0.400782	Y
3	STD5 460-745629/6	5.0	2.347854	50.0	521753.0	0.469571	Y
4	STD20 460-745629/7	20.0	8.985188	50.0	551107.0	0.449259	Y
5	STD50 460-745629/8	50.0	22.95982	50.0	521302.0	0.459196	Y
6	STD200 460-745629/9	200.0	92.406936	50.0	556554.0	0.462035	Y
7	STD500 460-745629/10	500.0	235.13313	50.0	576843.0	0.470266	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

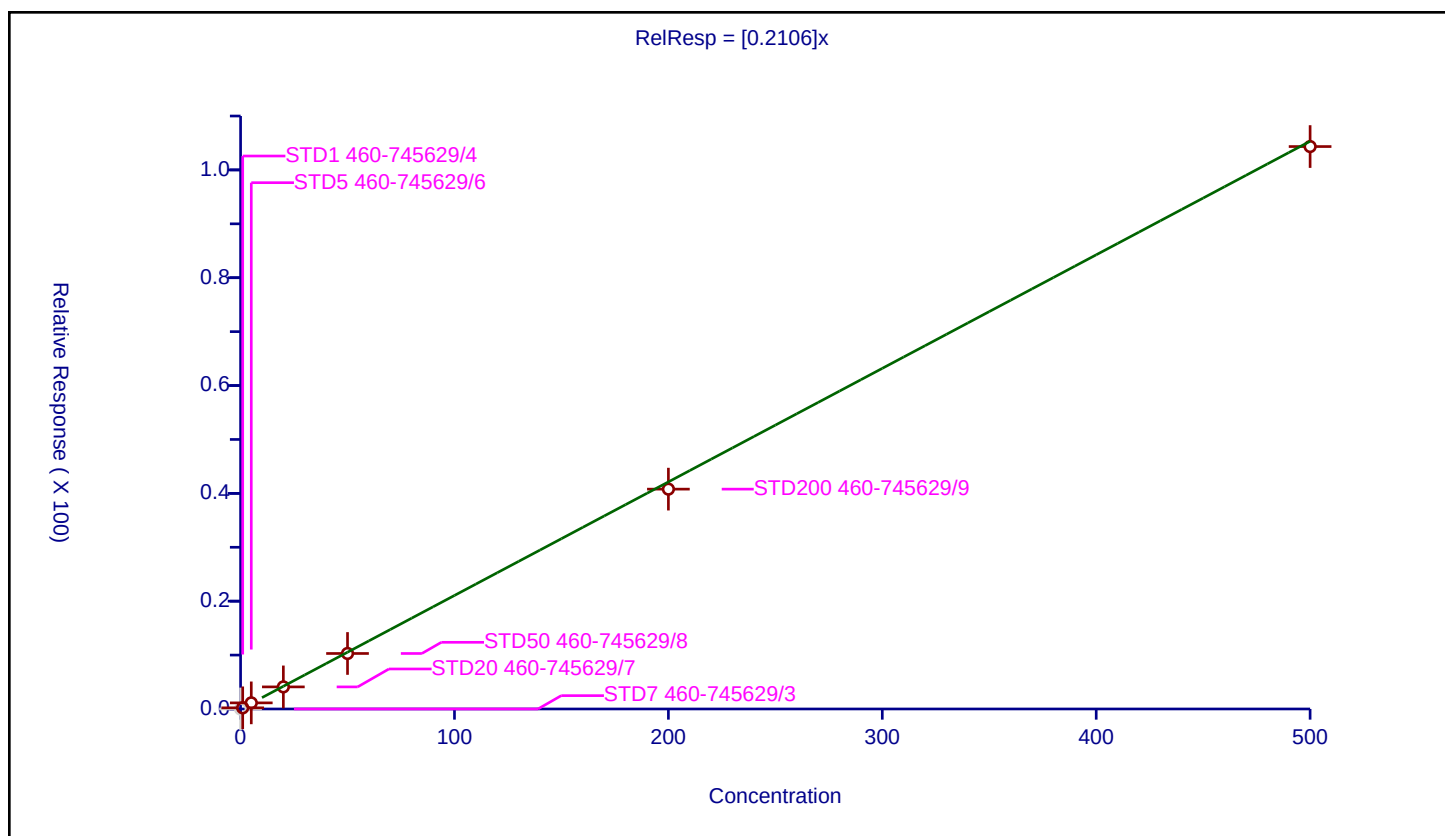
Curve Coefficients

Intercept: 0
 Slope: 0.2106

Error Coefficients

Standard Error: 578000
 Relative Standard Error: 4.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.213654	50.0	518361.0	0.213654	Y
3	STD5 460-745629/6	5.0	1.133487	50.0	521753.0	0.226697	Y
4	STD20 460-745629/7	20.0	4.097299	50.0	551107.0	0.204865	Y
5	STD50 460-745629/8	50.0	10.296239	50.0	521302.0	0.205925	Y
6	STD200 460-745629/9	200.0	40.786159	50.0	556554.0	0.203931	Y
7	STD500 460-745629/10	500.0	104.335668	50.0	576843.0	0.208671	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

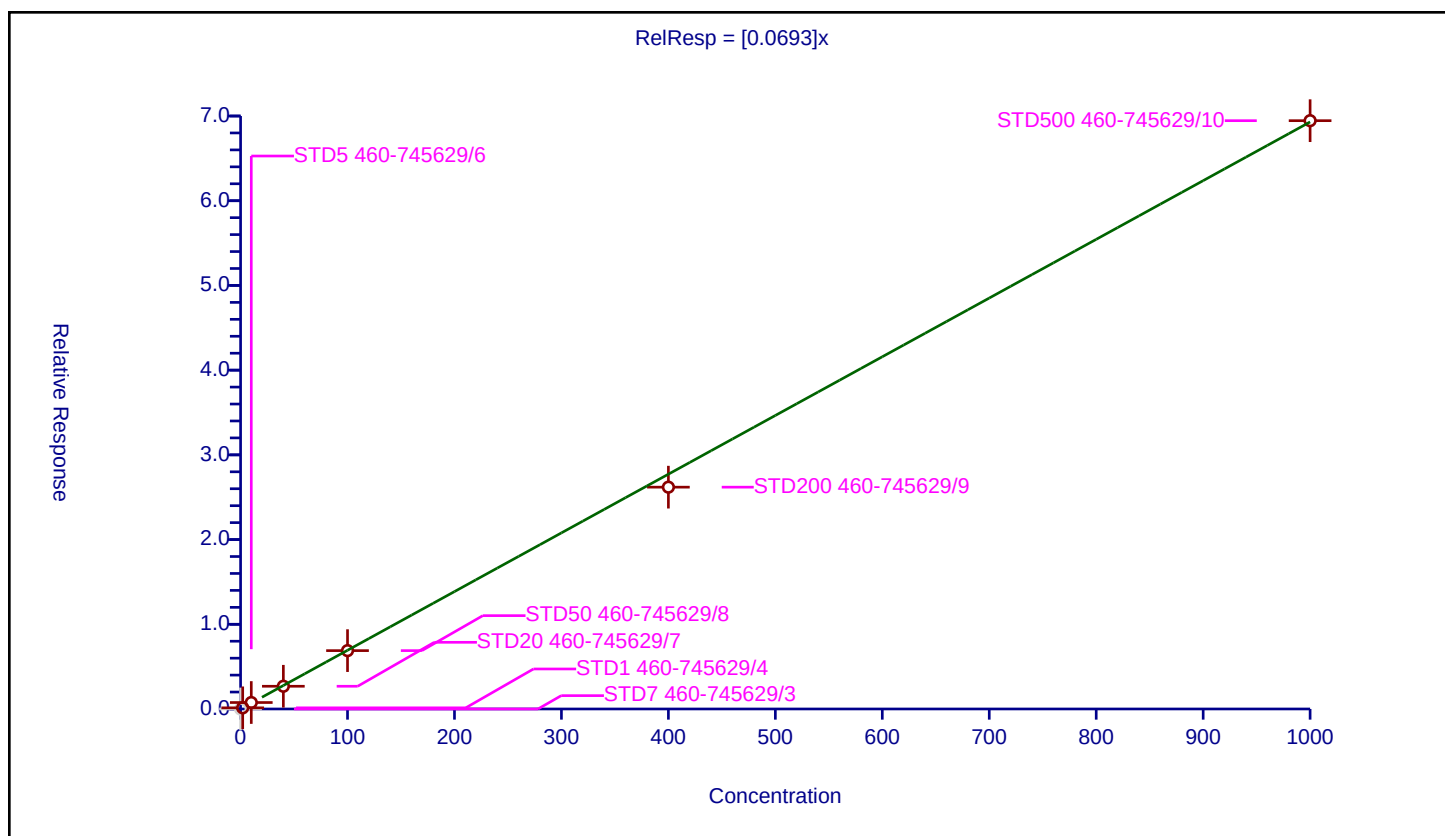
Curve Coefficients

Intercept: 0
 Slope: 0.0693

Error Coefficients

Standard Error: 383000
 Relative Standard Error: 5.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	2.0	0.13697	50.0	518361.0	0.068485	Y
3	STD5 460-745629/6	10.0	0.764155	50.0	521753.0	0.076415	Y
4	STD20 460-745629/7	40.0	2.683871	50.0	551107.0	0.067097	Y
5	STD50 460-745629/8	100.0	6.889097	50.0	521302.0	0.068891	Y
6	STD200 460-745629/9	400.0	26.18515	50.0	556554.0	0.065463	Y
7	STD500 460-745629/10	1000.0	69.450613	50.0	576843.0	0.069451	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

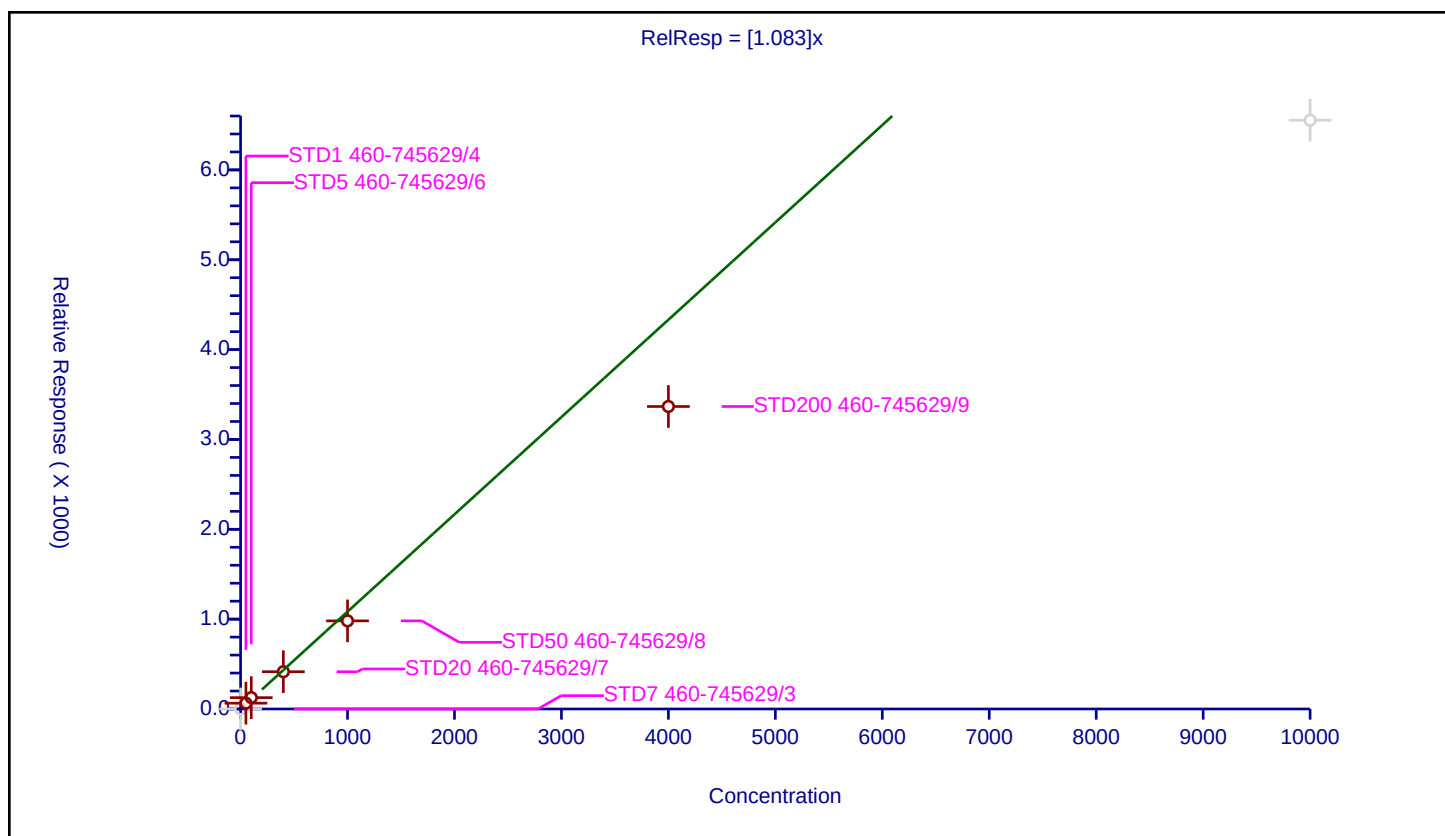
Curve Coefficients

Intercept: 0
Slope: 1.083

Error Coefficients

Standard Error: 67300
Relative Standard Error: 17.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.941

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	1000.0	31726.0	NaN	N
2	STD1 460-745629/4	50.000062	64.631579	1000.0	33250.0	1.29263	Y
3	STD5 460-745629/6	100.0	126.373626	1000.0	34944.0	1.263736	Y
4	STD20 460-745629/7	400.0	414.656661	1000.0	33582.0	1.036642	Y
5	STD50 460-745629/8	1000.0	980.856959	1000.0	35731.0	0.980857	Y
6	STD200 460-745629/9	4000.0	3366.96186	1000.0	39748.0	0.84174	Y
7	STD500 460-745629/10	10000.0	6553.073692	1000.0	52380.0	0.655307	N



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

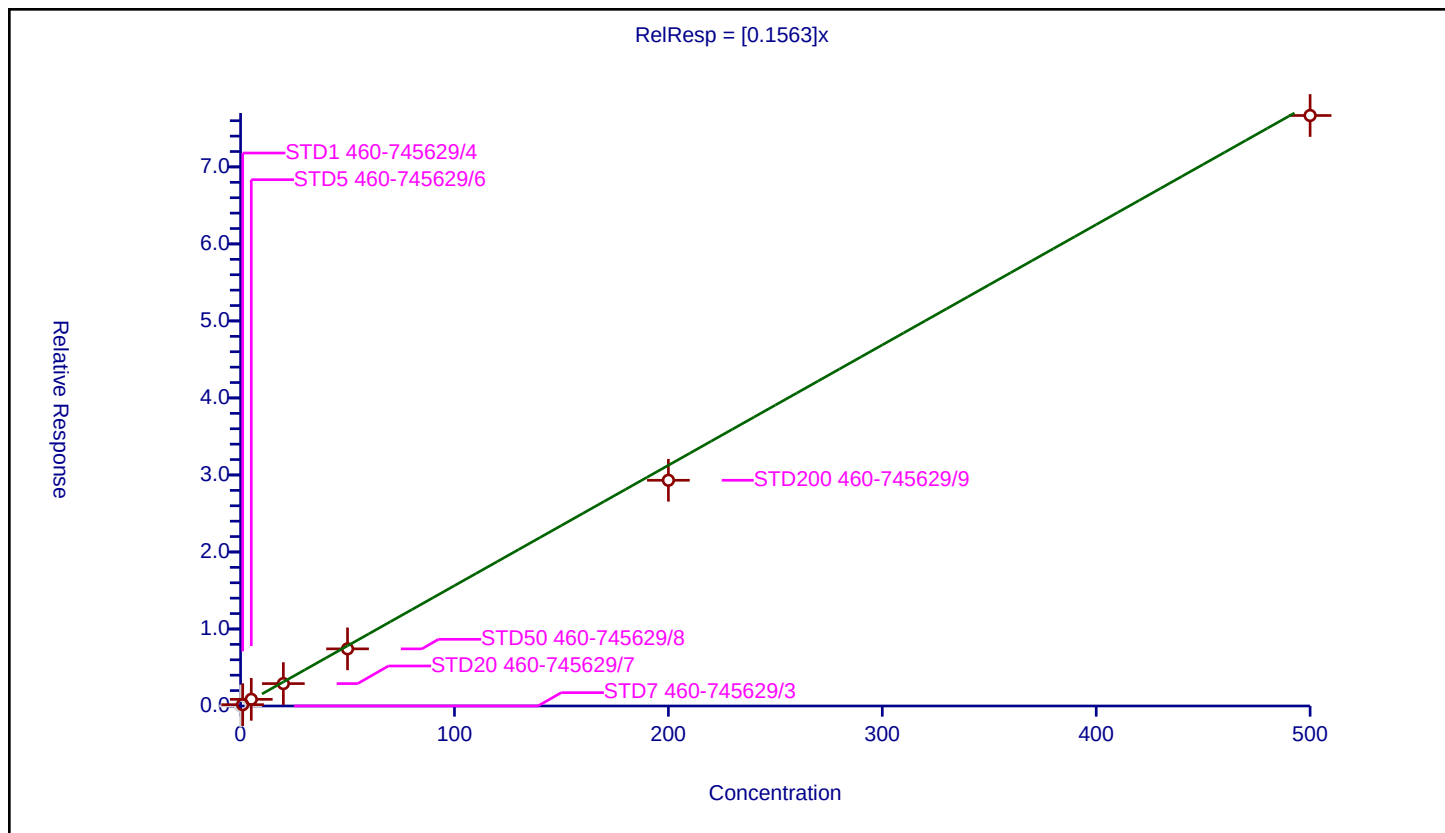
Curve Coefficients

Intercept: 0
Slope: 0.1563

Error Coefficients

Standard Error: 423000
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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.171213	50.0	518361.0	0.171213	Y
3	STD5 460-745629/6	5.0	0.863723	50.0	521753.0	0.172745	Y
4	STD20 460-745629/7	20.0	2.908328	50.0	551107.0	0.145416	Y
5	STD50 460-745629/8	50.0	7.420171	50.0	521302.0	0.148403	Y
6	STD200 460-745629/9	200.0	29.31207	50.0	556554.0	0.14656	Y
7	STD500 460-745629/10	500.0	76.67849	50.0	576843.0	0.153357	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

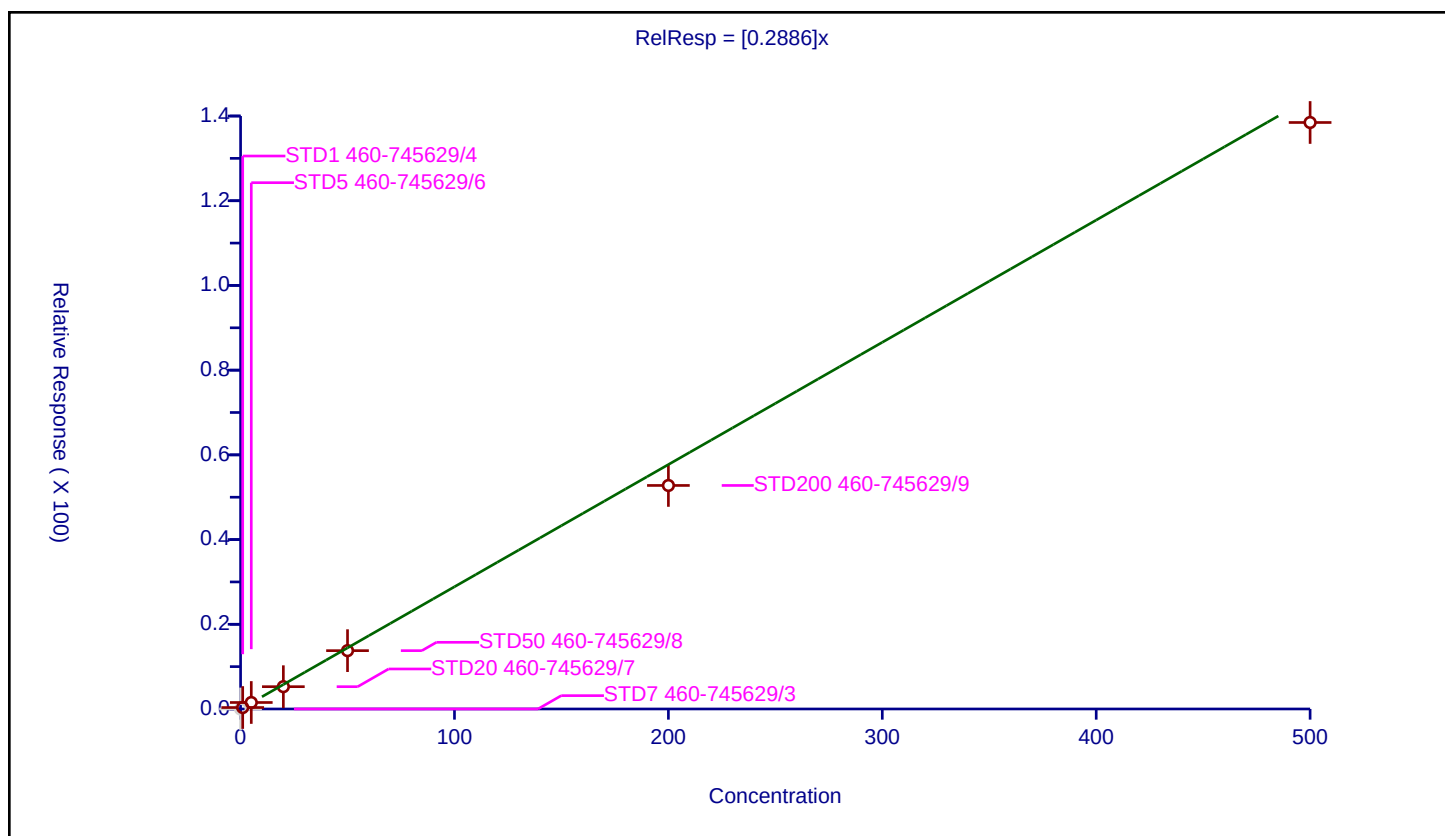
Curve Coefficients

Intercept: 0
 Slope: 0.2886

Error Coefficients

Standard Error: 764000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.345416	50.0	518361.0	0.345416	Y
3	STD5 460-745629/6	5.0	1.532526	50.0	521753.0	0.306505	Y
4	STD20 460-745629/7	20.0	5.265493	50.0	551107.0	0.263275	Y
5	STD50 460-745629/8	50.0	13.77148	50.0	521302.0	0.27543	Y
6	STD200 460-745629/9	200.0	52.772687	50.0	556554.0	0.263863	Y
7	STD500 460-745629/10	500.0	138.472253	50.0	576843.0	0.276945	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

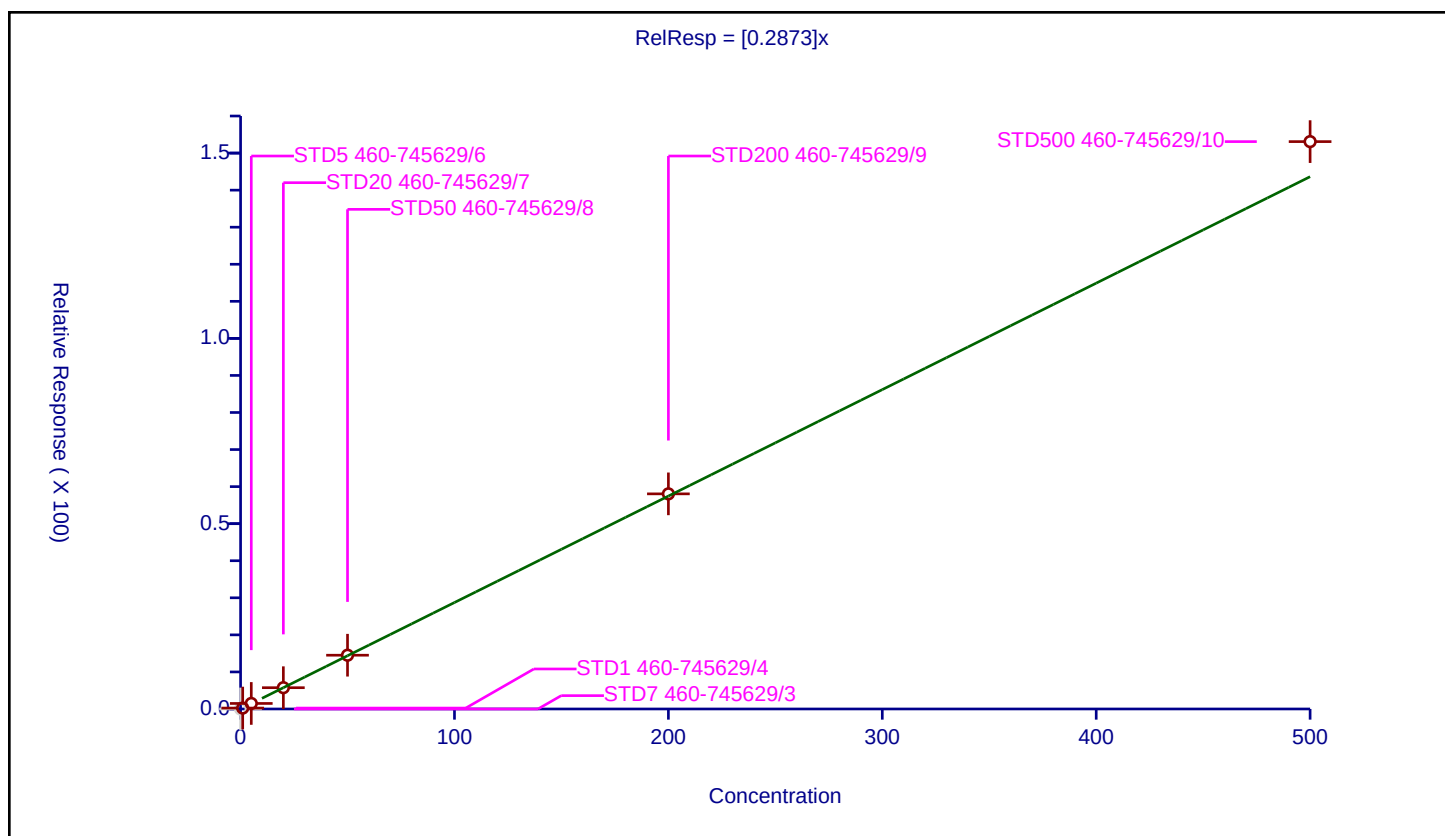
Curve Coefficients

Intercept: 0
 Slope: 0.2873

Error Coefficients

Standard Error: 844000
 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	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0	0.250405	50.0	518361.0	0.250405	Y
3	STD5 460-745629/6	5.0	1.495344	50.0	521753.0	0.299069	Y
4	STD20 460-745629/7	20.0	5.747613	50.0	551107.0	0.287381	Y
5	STD50 460-745629/8	50.0	14.511934	50.0	521302.0	0.290239	Y
6	STD200 460-745629/9	200.0	58.050701	50.0	556554.0	0.290254	Y
7	STD500 460-745629/10	500.0	153.094863	50.0	576843.0	0.30619	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

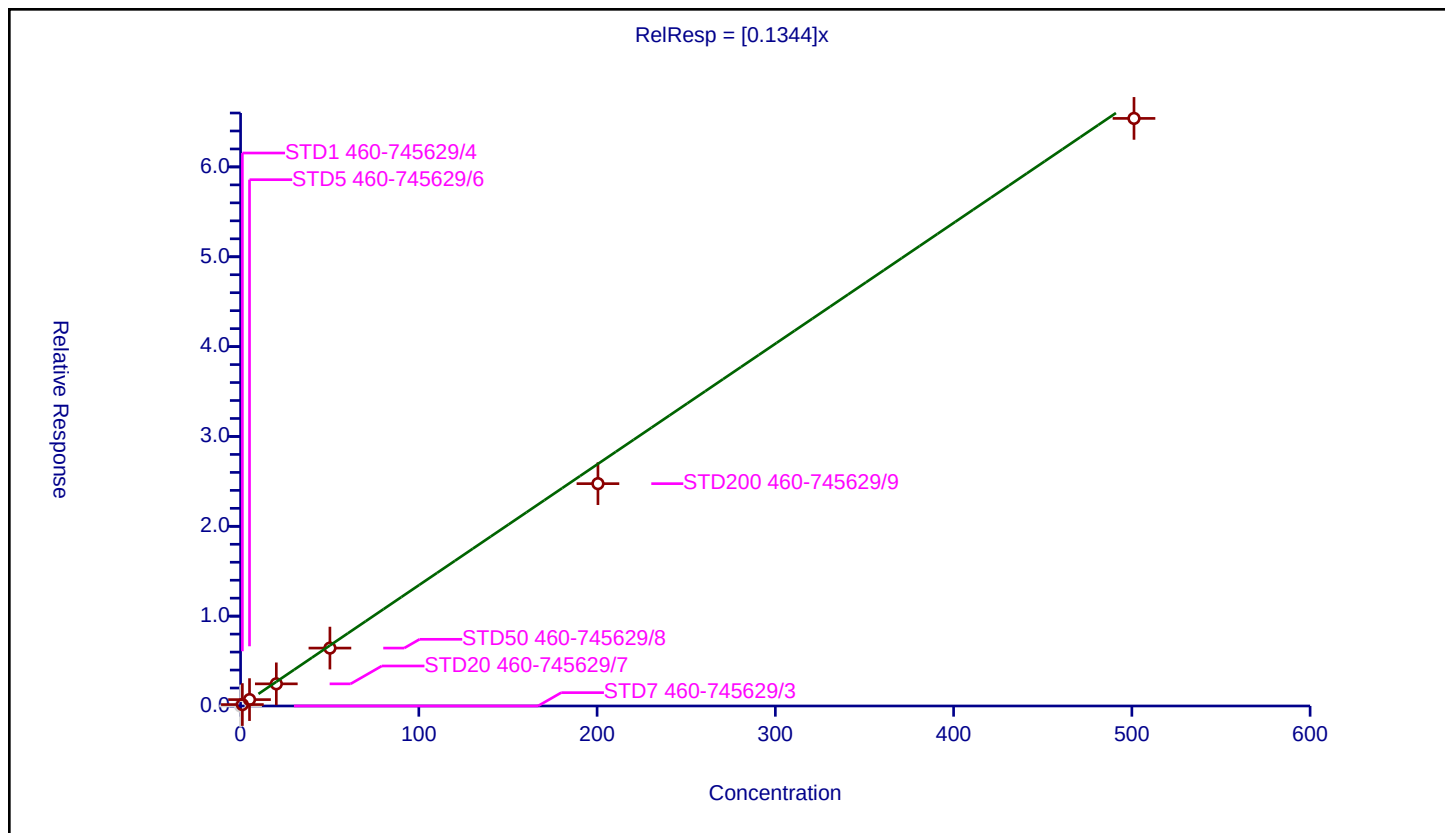
Curve Coefficients

Intercept: 0
 Slope: 0.1344

Error Coefficients

Standard Error: 361000
 Relative Standard Error: 10.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	490642.0	NaN	N
2	STD1 460-745629/4	1.0024	0.159445	50.0	518361.0	0.159063	Y
3	STD5 460-745629/6	5.012	0.711256	50.0	521753.0	0.141911	Y
4	STD20 460-745629/7	20.048	2.464313	50.0	551107.0	0.122921	Y
5	STD50 460-745629/8	50.12	6.444633	50.0	521302.0	0.128584	Y
6	STD200 460-745629/9	200.48	24.746925	50.0	556554.0	0.123438	Y
7	STD500 460-745629/10	501.2	65.399771	50.0	576843.0	0.130486	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

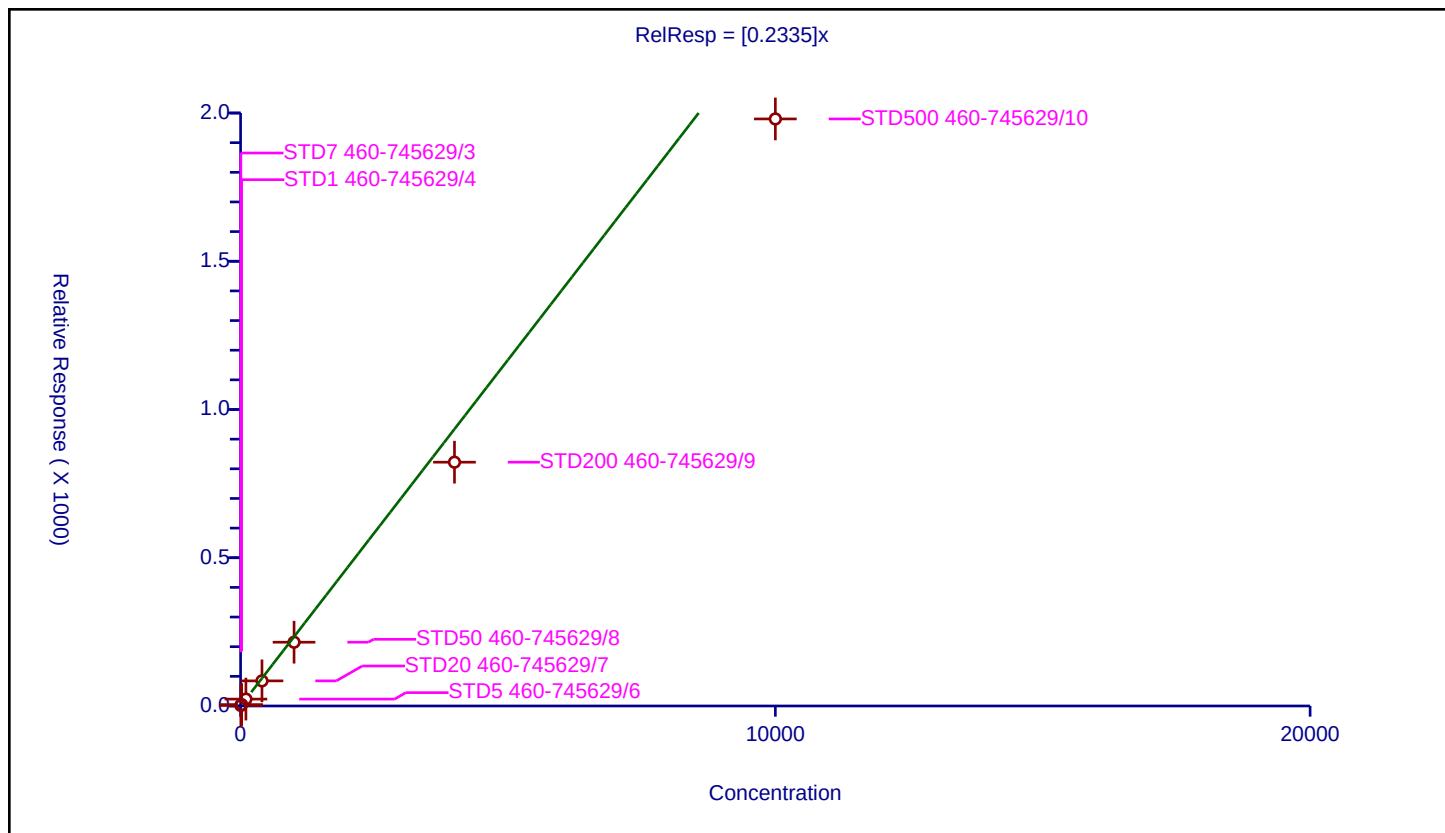
Curve Coefficients

Intercept: 0
 Slope: 0.2335

Error Coefficients

Standard Error: 1190000
 Relative Standard Error: 20.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.944

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	5.000009	1.679342	250.0	256797.0	0.335868	Y
2	STD1 460-745629/4	20.000035	4.716708	250.0	276782.0	0.235835	Y
3	STD5 460-745629/6	100.000173	23.237388	250.0	276096.0	0.232373	Y
4	STD20 460-745629/7	400.000692	84.645039	250.0	293511.0	0.211612	Y
5	STD50 460-745629/8	1000.00173	215.084777	250.0	281267.0	0.215084	Y
6	STD200 460-745629/9	4000.00692	822.318463	250.0	300518.0	0.205579	Y
7	STD500 460-745629/10	10000.0173	1980.024617	250.0	346101.0	0.198002	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

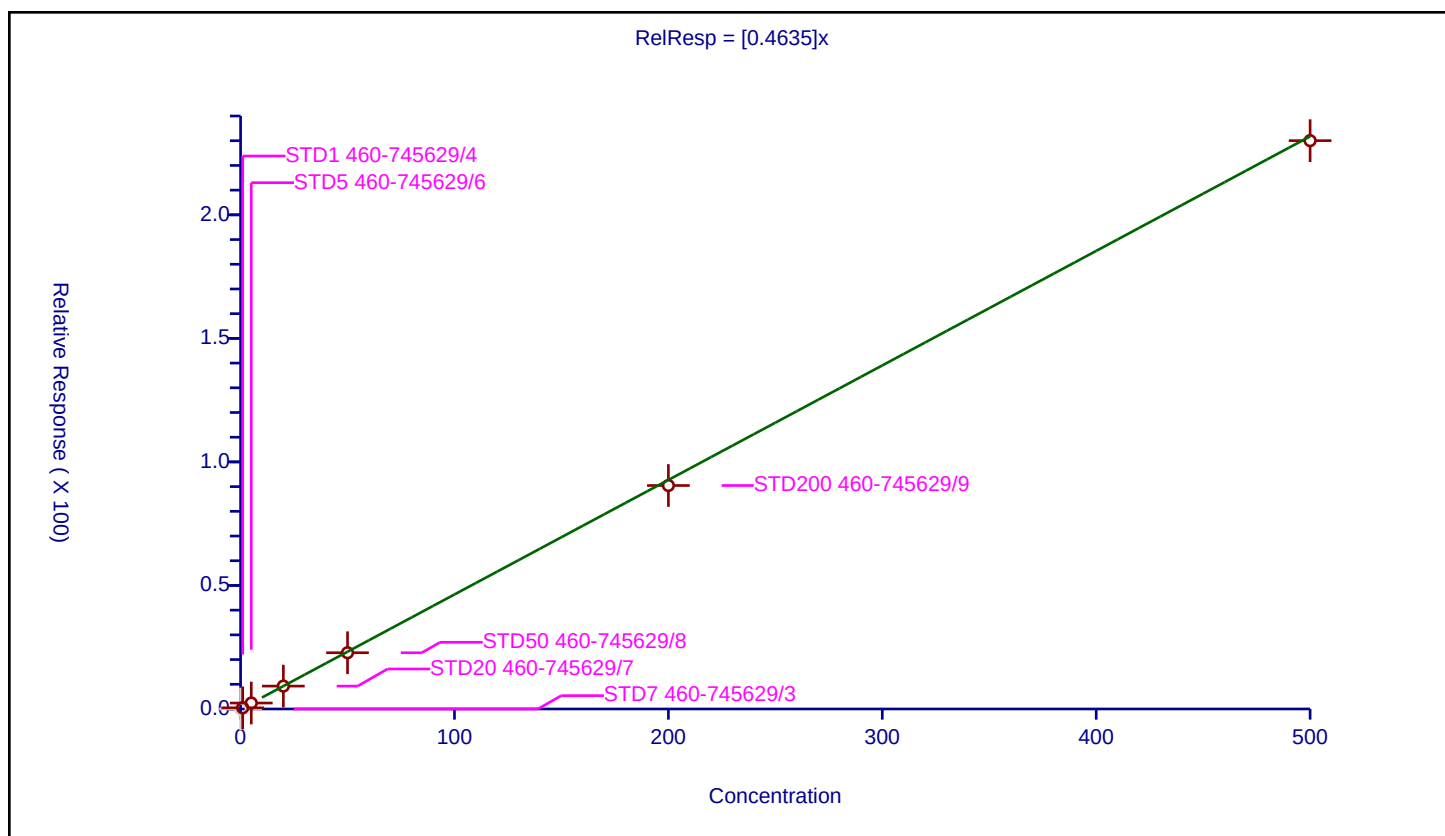
Curve Coefficients

Intercept: 0
 Slope: 0.4635

Error Coefficients

Standard Error: 1040000
 Relative Standard Error: 2.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.467422	50.0	391830.0	0.467422	Y
3	STD5 460-745629/6	5.0	2.412639	50.0	393884.0	0.482528	Y
4	STD20 460-745629/7	20.0	9.26973	50.0	421269.0	0.463487	Y
5	STD50 460-745629/8	50.0	22.767736	50.0	405530.0	0.455355	Y
6	STD200 460-745629/9	200.0	90.448721	50.0	440831.0	0.452244	Y
7	STD500 460-745629/10	500.0	230.028082	50.0	474674.0	0.460056	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

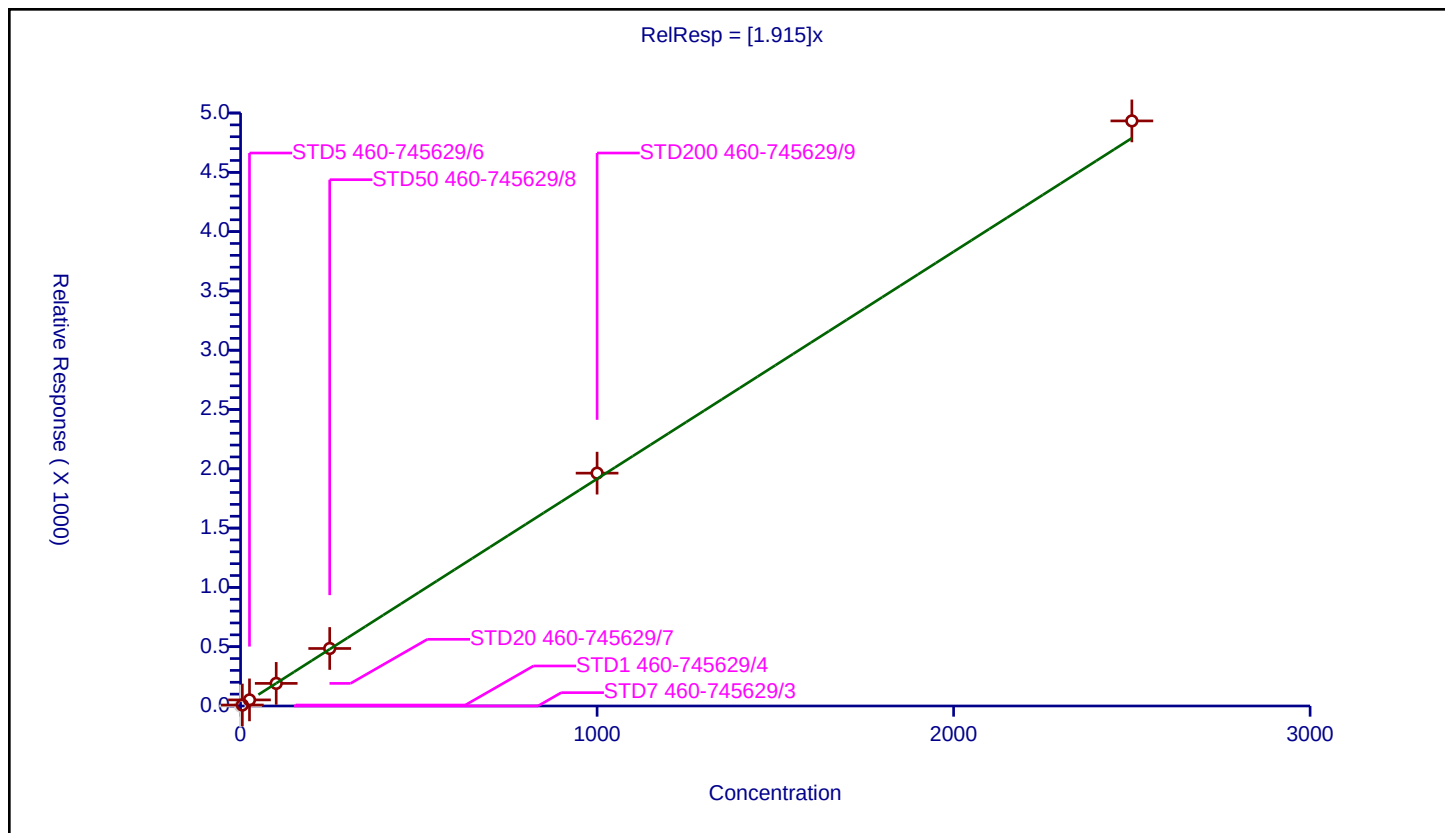
Curve Coefficients

Intercept: 0
 Slope: 1.915

Error Coefficients

Standard Error: 3240000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	5.0	8.26553	250.0	276782.0	1.653106	Y
3	STD5 460-745629/6	25.0	51.403316	250.0	276096.0	2.056133	Y
4	STD20 460-745629/7	100.0	190.629142	250.0	293511.0	1.906291	Y
5	STD50 460-745629/8	250.0	484.808029	250.0	281267.0	1.939232	Y
6	STD200 460-745629/9	1000.0	1963.330815	250.0	300518.0	1.963331	Y
7	STD500 460-745629/10	2500.0	4933.355437	250.0	346101.0	1.973342	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

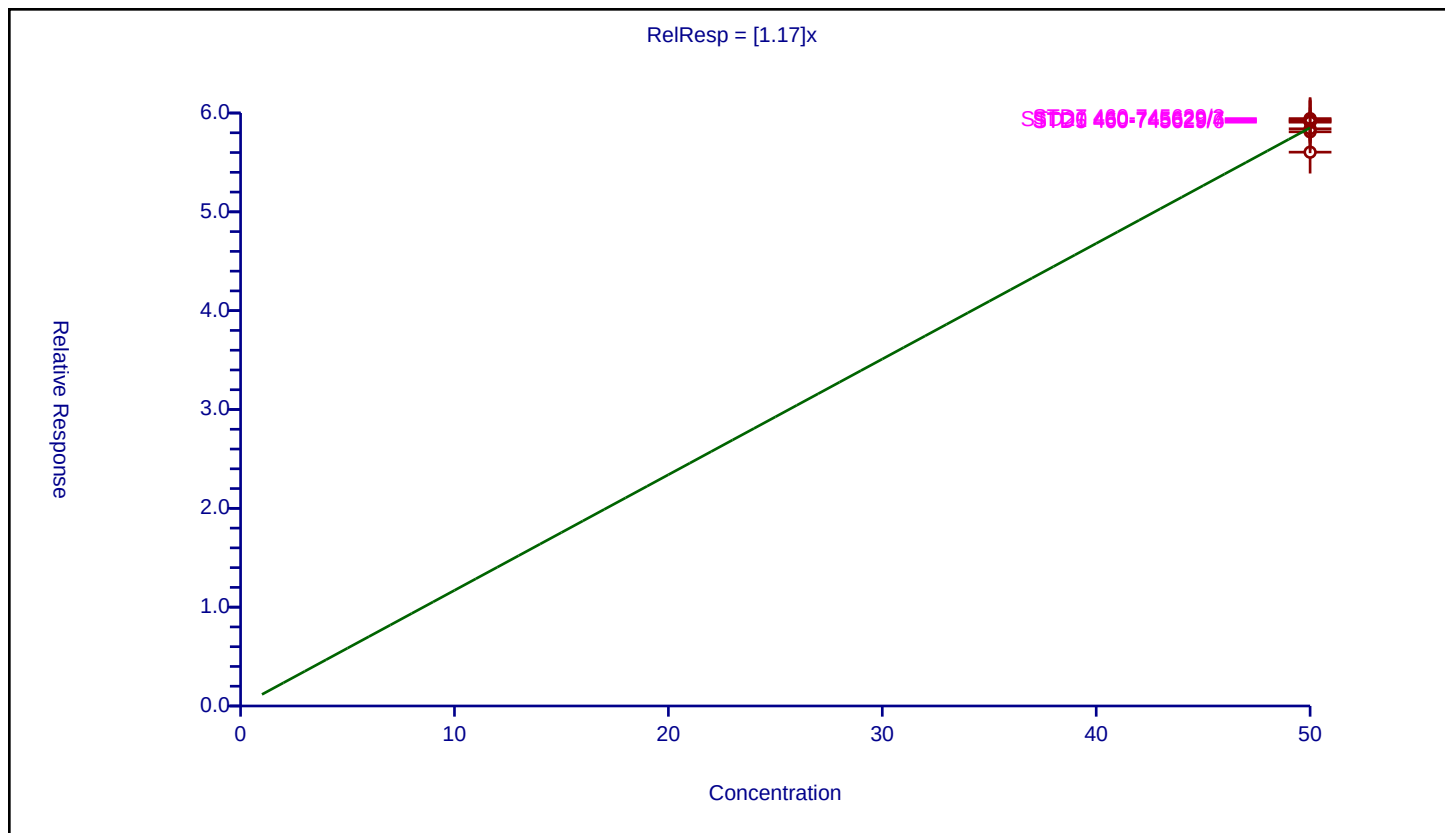
Curve Coefficients

Intercept: 0
 Slope: 1.17

Error Coefficients

Standard Error: 523000
 Relative Standard Error: 2.0
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	50.0	59.43685	50.0	365196.0	1.188737	Y
2	STD1 460-745629/4	50.0	59.164816	50.0	391830.0	1.183296	Y
3	STD5 460-745629/6	50.0	59.071833	50.0	393884.0	1.181437	Y
4	STD20 460-745629/7	50.0	59.323852	50.0	421269.0	1.186477	Y
5	STD50 460-745629/8	50.0	58.406037	50.0	405530.0	1.168121	Y
6	STD200 460-745629/9	50.0	58.099022	50.0	440831.0	1.16198	Y
7	STD500 460-745629/10	50.0	56.038355	50.0	474674.0	1.120767	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

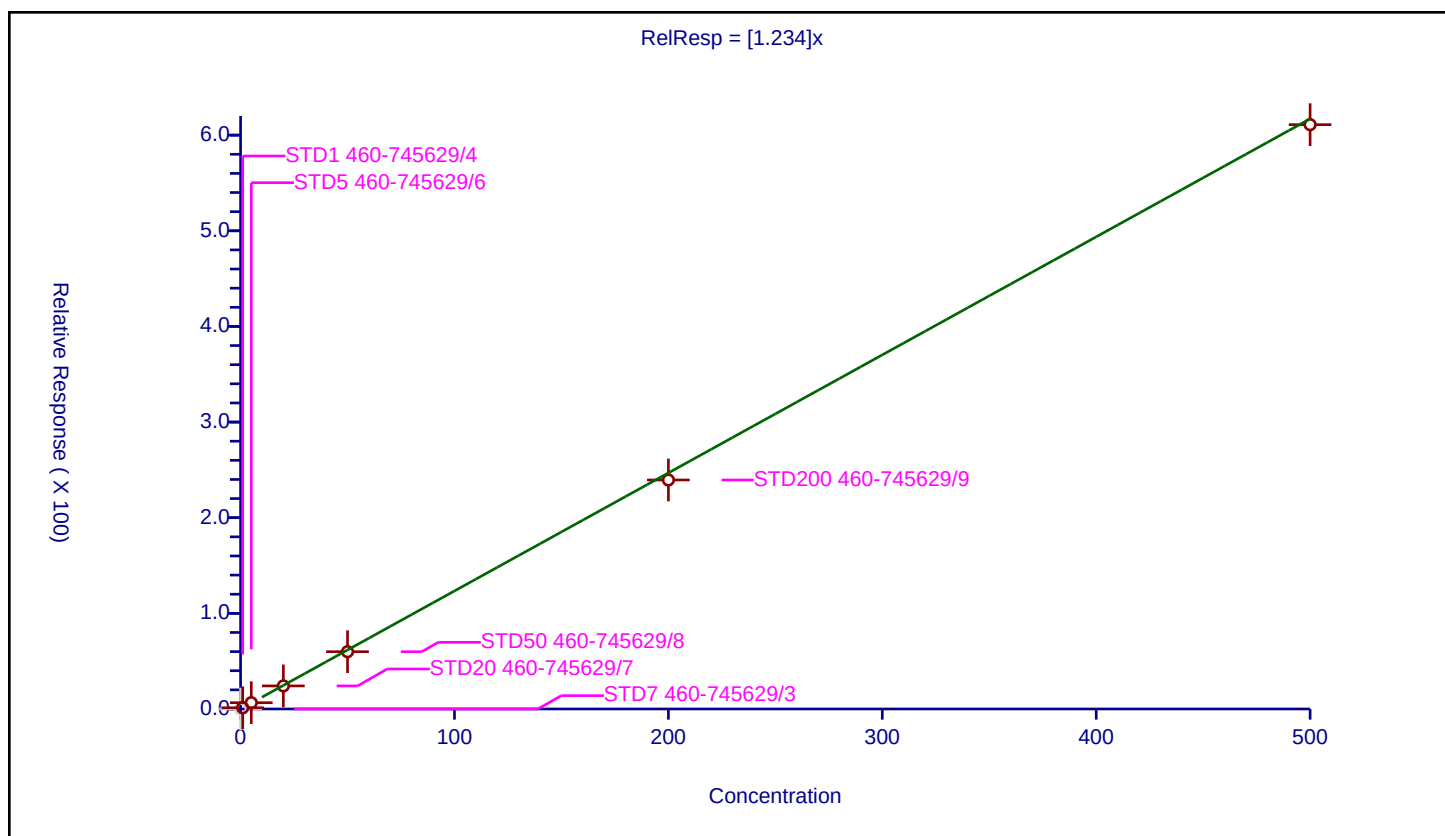
Curve Coefficients

Intercept: 0
Slope: 1.234

Error Coefficients

Standard Error: 2770000
Relative Standard Error: 3.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	1.269811	50.0	391830.0	1.269811	Y
3	STD5 460-745629/6	5.0	6.557134	50.0	393884.0	1.311427	Y
4	STD20 460-745629/7	20.0	24.124609	50.0	421269.0	1.20623	Y
5	STD50 460-745629/8	50.0	59.918132	50.0	405530.0	1.198363	Y
6	STD200 460-745629/9	200.0	239.443914	50.0	440831.0	1.19722	Y
7	STD500 460-745629/10	500.0	610.955098	50.0	474674.0	1.22191	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

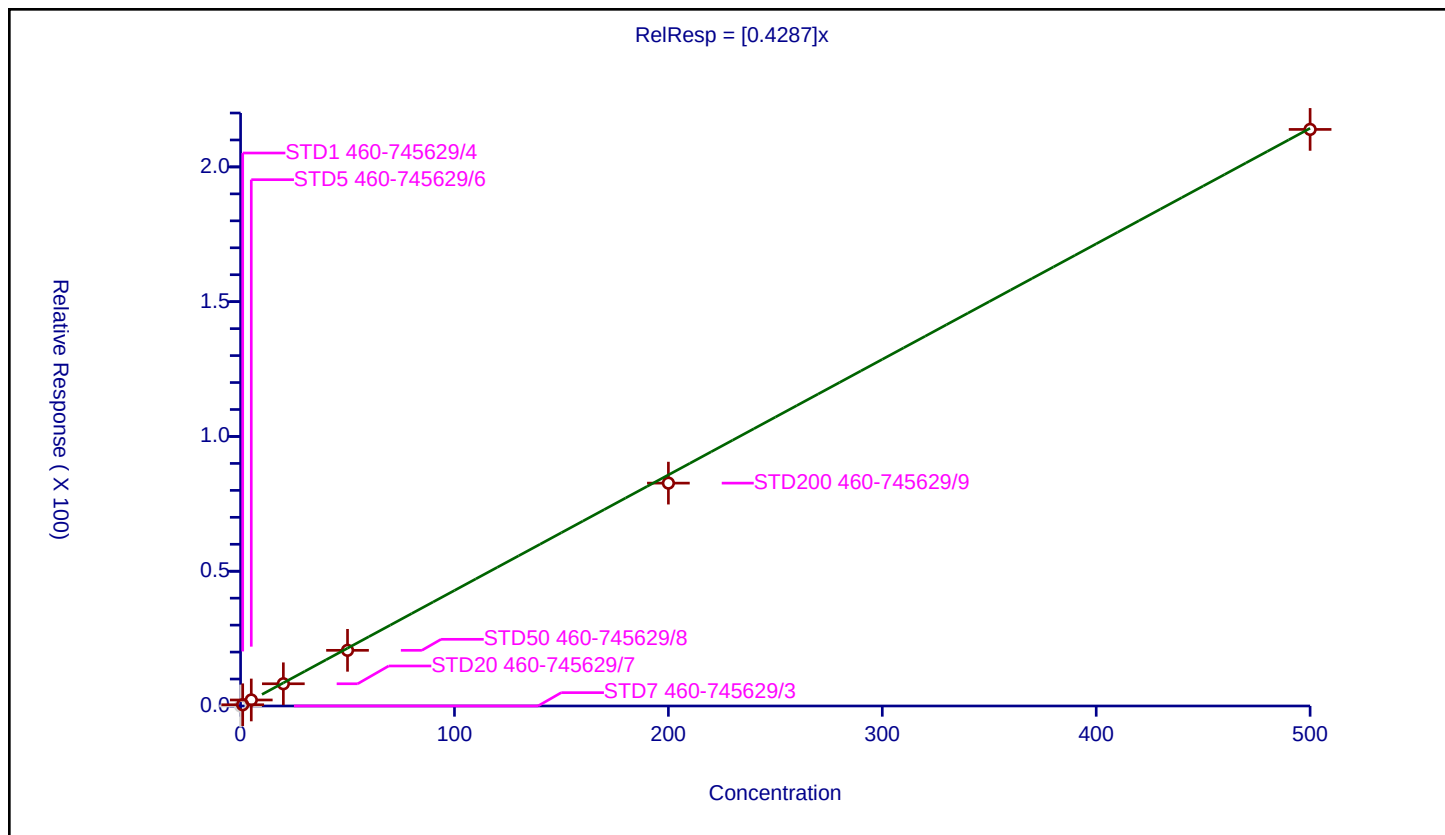
Curve Coefficients

Intercept: 0
 Slope: 0.4287

Error Coefficients

Standard Error: 968000
 Relative Standard Error: 4.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.458234	50.0	391830.0	0.458234	Y
3	STD5 460-745629/6	5.0	2.235303	50.0	393884.0	0.447061	Y
4	STD20 460-745629/7	20.0	8.24948	50.0	421269.0	0.412474	Y
5	STD50 460-745629/8	50.0	20.64915	50.0	405530.0	0.412983	Y
6	STD200 460-745629/9	200.0	82.688944	50.0	440831.0	0.413445	Y
7	STD500 460-745629/10	500.0	213.918605	50.0	474674.0	0.427837	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

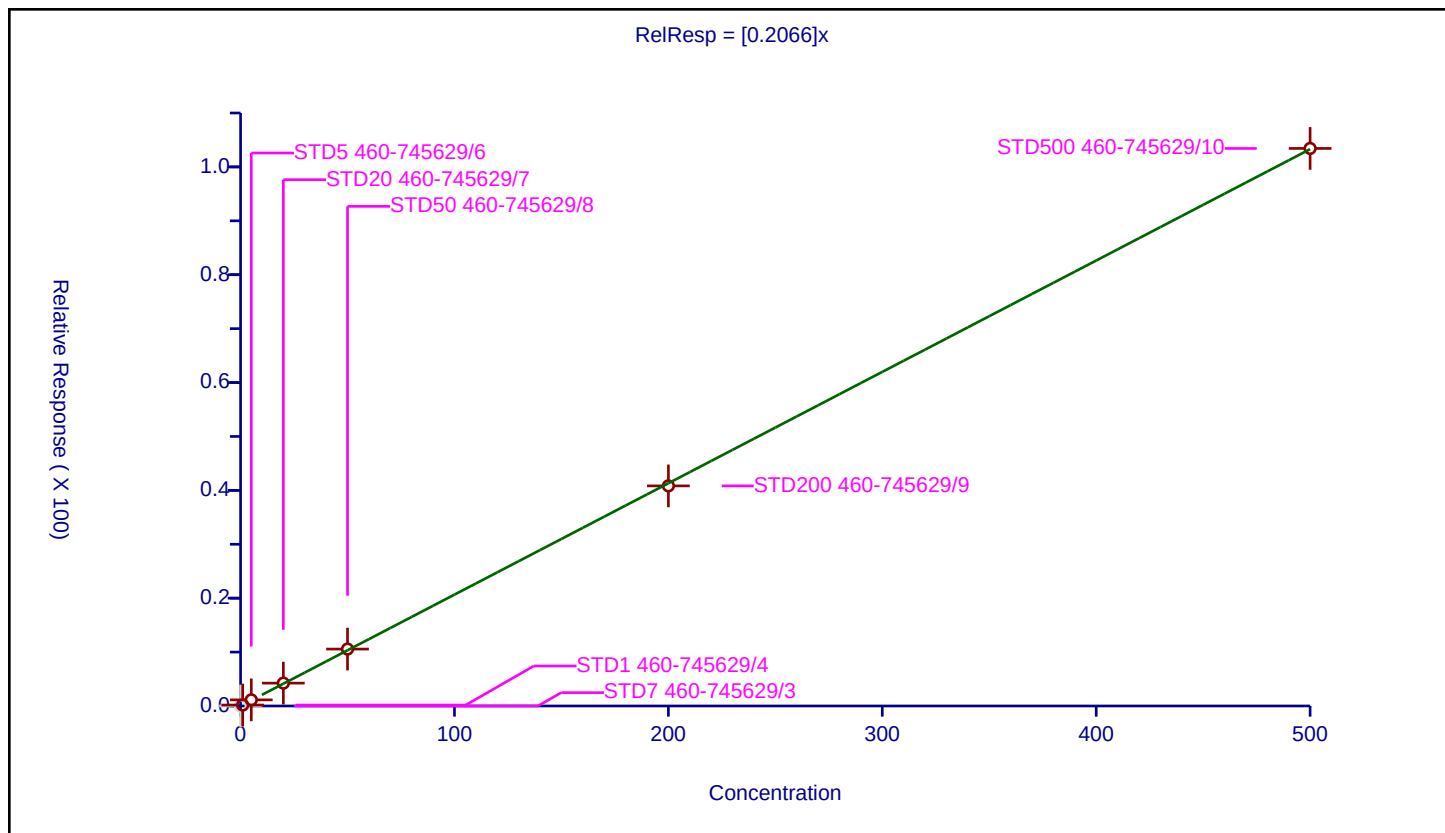
Curve Coefficients

Intercept: 0
 Slope: 0.2066

Error Coefficients

Standard Error: 470000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.178011	50.0	391830.0	0.178011	Y
3	STD5 460-745629/6	5.0	1.13574	50.0	393884.0	0.227148	Y
4	STD20 460-745629/7	20.0	4.243607	50.0	421269.0	0.21218	Y
5	STD50 460-745629/8	50.0	10.560008	50.0	405530.0	0.2112	Y
6	STD200 460-745629/9	200.0	40.829819	50.0	440831.0	0.204149	Y
7	STD500 460-745629/10	500.0	103.428774	50.0	474674.0	0.206858	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

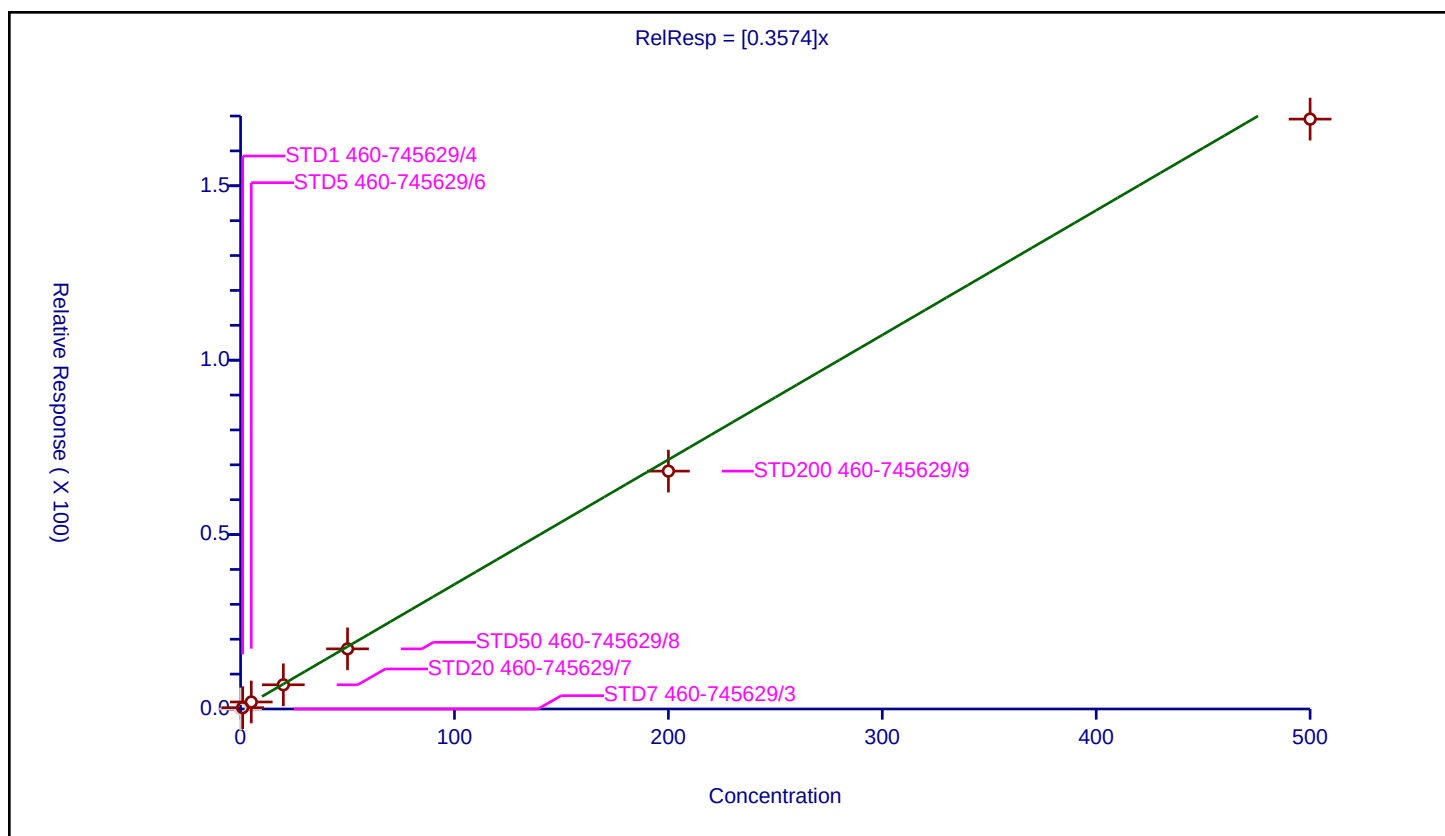
Curve Coefficients

Intercept: 0
Slope: 0.3574

Error Coefficients

Standard Error: 770000
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	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.372738	50.0	391830.0	0.372738	Y
3	STD5 460-745629/6	5.0	2.005286	50.0	393884.0	0.401057	Y
4	STD20 460-745629/7	20.0	6.93488	50.0	421269.0	0.346744	Y
5	STD50 460-745629/8	50.0	17.233497	50.0	405530.0	0.34467	Y
6	STD200 460-745629/9	200.0	68.199491	50.0	440831.0	0.340997	Y
7	STD500 460-745629/10	500.0	169.111538	50.0	474674.0	0.338223	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

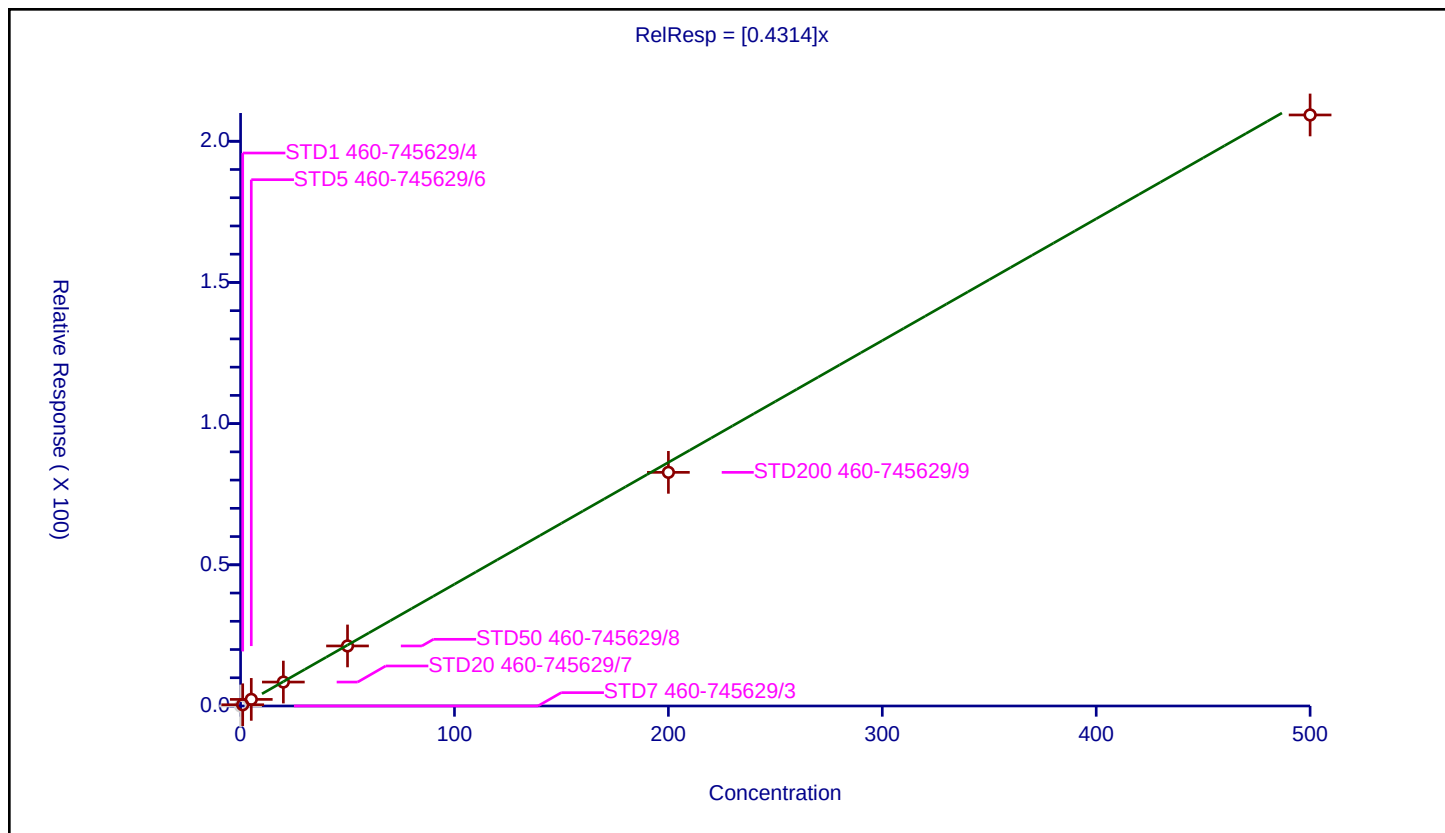
Curve Coefficients

Intercept: 0
Slope: 0.4314

Error Coefficients

Standard Error: 950000
Relative Standard Error: 4.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.438966	50.0	391830.0	0.438966	Y
3	STD5 460-745629/6	5.0	2.338125	50.0	393884.0	0.467625	Y
4	STD20 460-745629/7	20.0	8.480448	50.0	421269.0	0.424022	Y
5	STD50 460-745629/8	50.0	21.261066	50.0	405530.0	0.425221	Y
6	STD200 460-745629/9	200.0	82.744067	50.0	440831.0	0.41372	Y
7	STD500 460-745629/10	500.0	209.310495	50.0	474674.0	0.418621	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

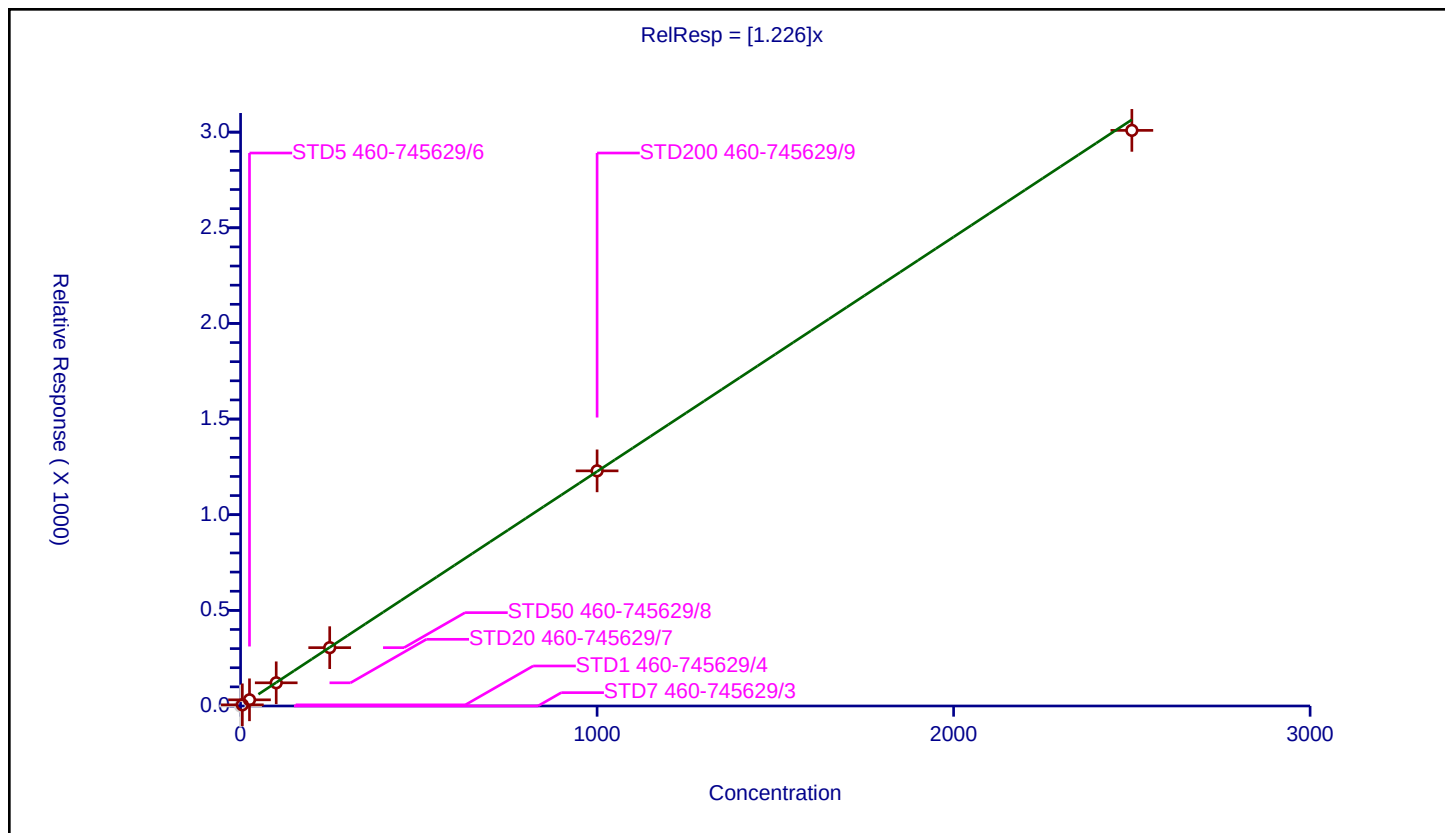
Curve Coefficients

Intercept: 0
 Slope: 1.226

Error Coefficients

Standard Error: 1980000
 Relative Standard Error: 2.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	250.0	256797.0	NaN	N
2	STD1 460-745629/4	5.0	6.009242	250.0	276782.0	1.201848	Y
3	STD5 460-745629/6	25.0	32.242408	250.0	276096.0	1.289696	Y
4	STD20 460-745629/7	100.0	121.187962	250.0	293511.0	1.21188	Y
5	STD50 460-745629/8	250.0	304.938901	250.0	281267.0	1.219756	Y
6	STD200 460-745629/9	1000.0	1229.266633	250.0	300518.0	1.229267	Y
7	STD500 460-745629/10	2500.0	3009.27186	250.0	346101.0	1.203709	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

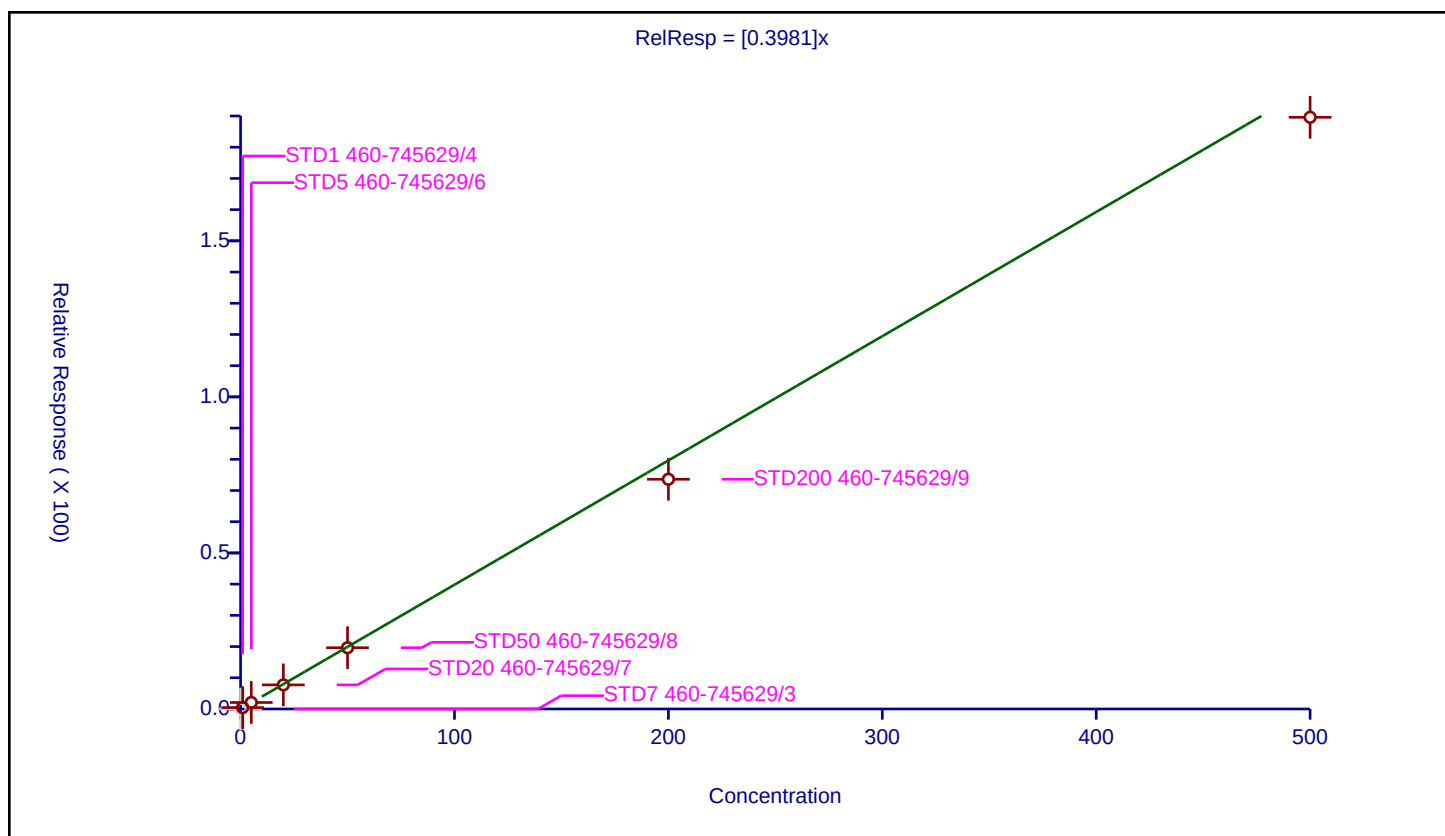
Curve Coefficients

Intercept: 0
 Slope: 0.3981

Error Coefficients

Standard Error: 859000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.446877	50.0	391830.0	0.446877	Y
3	STD5 460-745629/6	5.0	2.081196	50.0	393884.0	0.416239	Y
4	STD20 460-745629/7	20.0	7.719177	50.0	421269.0	0.385959	Y
5	STD50 460-745629/8	50.0	19.627771	50.0	405530.0	0.392555	Y
6	STD200 460-745629/9	200.0	73.610295	50.0	440831.0	0.368051	Y
7	STD500 460-745629/10	500.0	189.593489	50.0	474674.0	0.379187	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

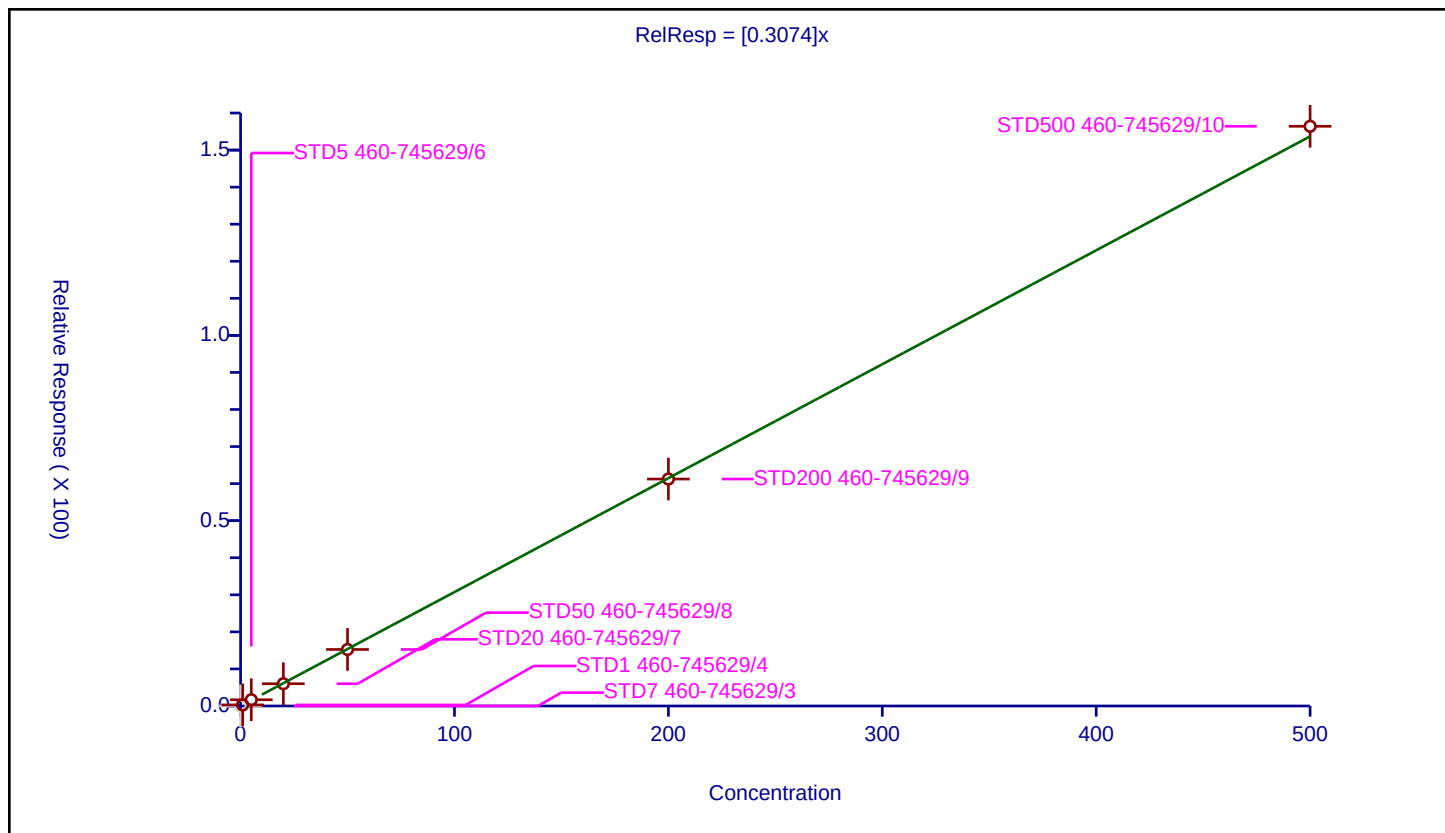
Curve Coefficients

Intercept: 0
 Slope: 0.3074

Error Coefficients

Standard Error: 709000
 Relative Standard Error: 5.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.284052	50.0	391830.0	0.284052	Y
3	STD5 460-745629/6	5.0	1.68019	50.0	393884.0	0.336038	Y
4	STD20 460-745629/7	20.0	6.004596	50.0	421269.0	0.30023	Y
5	STD50 460-745629/8	50.0	15.24918	50.0	405530.0	0.304984	Y
6	STD200 460-745629/9	200.0	61.235598	50.0	440831.0	0.306178	Y
7	STD500 460-745629/10	500.0	156.417562	50.0	474674.0	0.312835	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

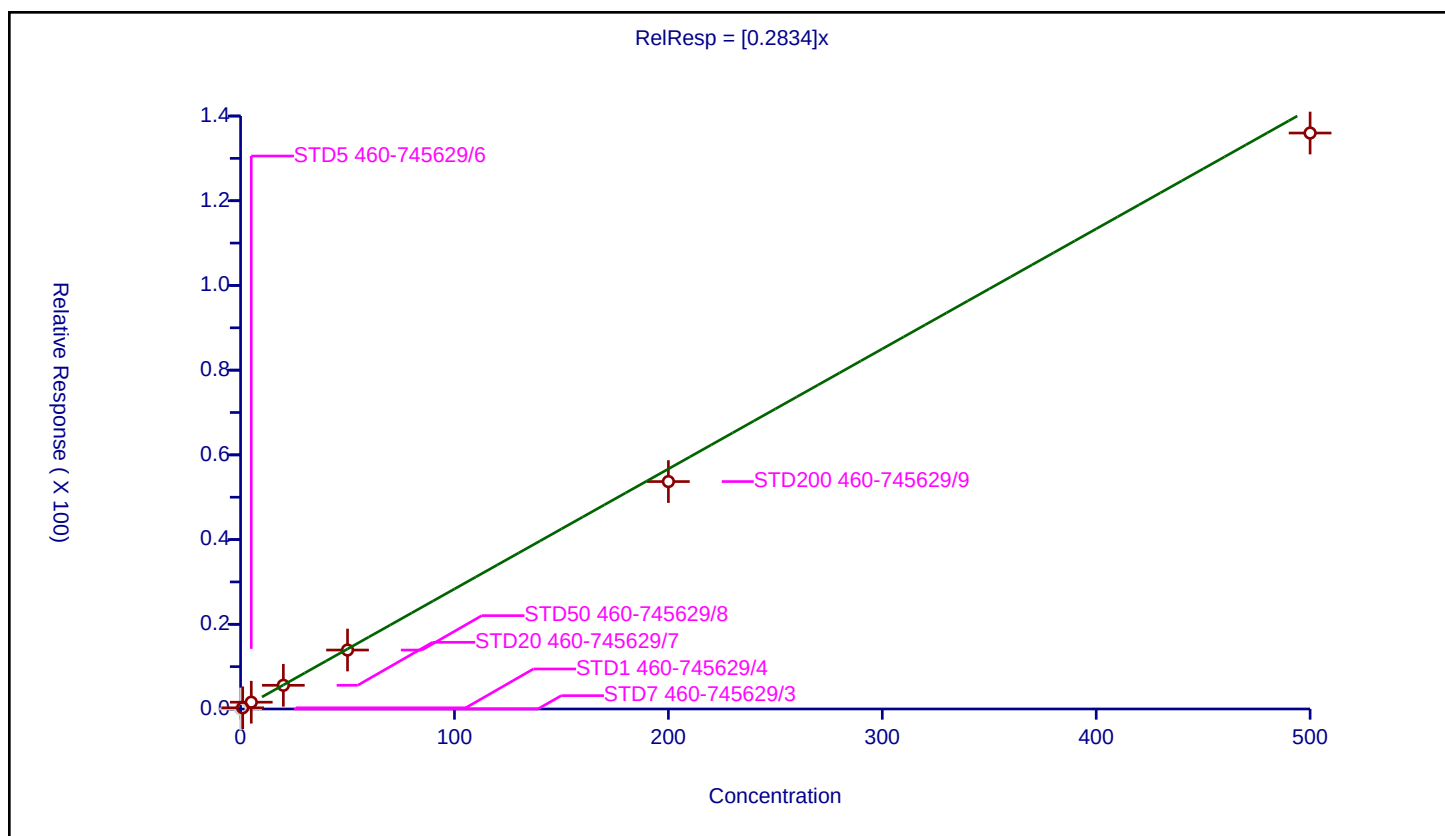
Curve Coefficients

Intercept: 0
 Slope: 0.2834

Error Coefficients

Standard Error: 617000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.281882	50.0	391830.0	0.281882	Y
3	STD5 460-745629/6	5.0	1.599837	50.0	393884.0	0.319967	Y
4	STD20 460-745629/7	20.0	5.594762	50.0	421269.0	0.279738	Y
5	STD50 460-745629/8	50.0	13.920055	50.0	405530.0	0.278401	Y
6	STD200 460-745629/9	200.0	53.695067	50.0	440831.0	0.268475	Y
7	STD500 460-745629/10	500.0	135.982801	50.0	474674.0	0.271966	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

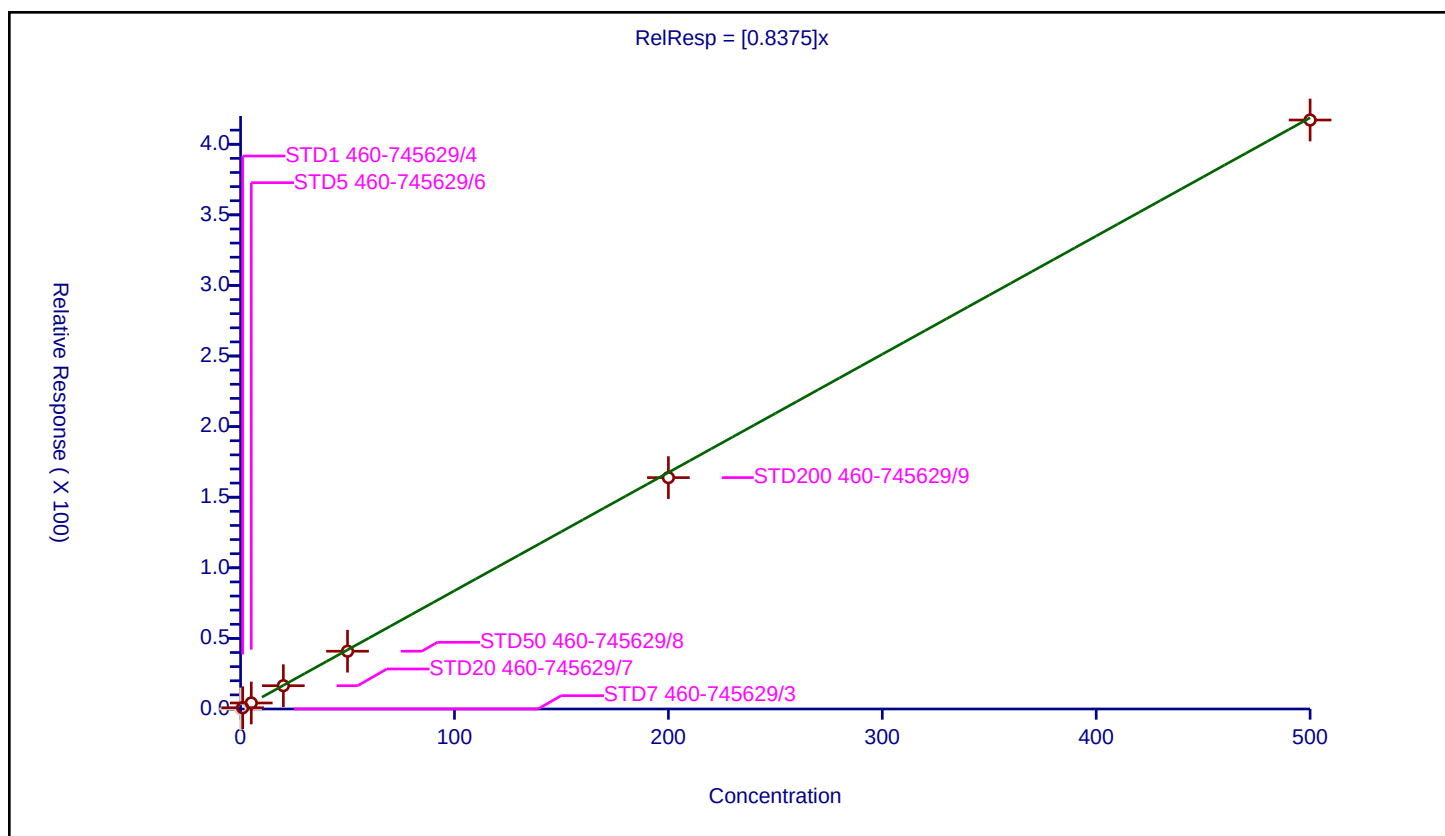
Curve Coefficients

Intercept: 0
 Slope: 0.8375

Error Coefficients

Standard Error: 1890000
 Relative Standard Error: 2.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.876656	50.0	391830.0	0.876656	Y
3	STD5 460-745629/6	5.0	4.25506	50.0	393884.0	0.851012	Y
4	STD20 460-745629/7	20.0	16.504063	50.0	421269.0	0.825203	Y
5	STD50 460-745629/8	50.0	40.925209	50.0	405530.0	0.818504	Y
6	STD200 460-745629/9	200.0	163.876973	50.0	440831.0	0.819385	Y
7	STD500 460-745629/10	500.0	417.170837	50.0	474674.0	0.834342	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

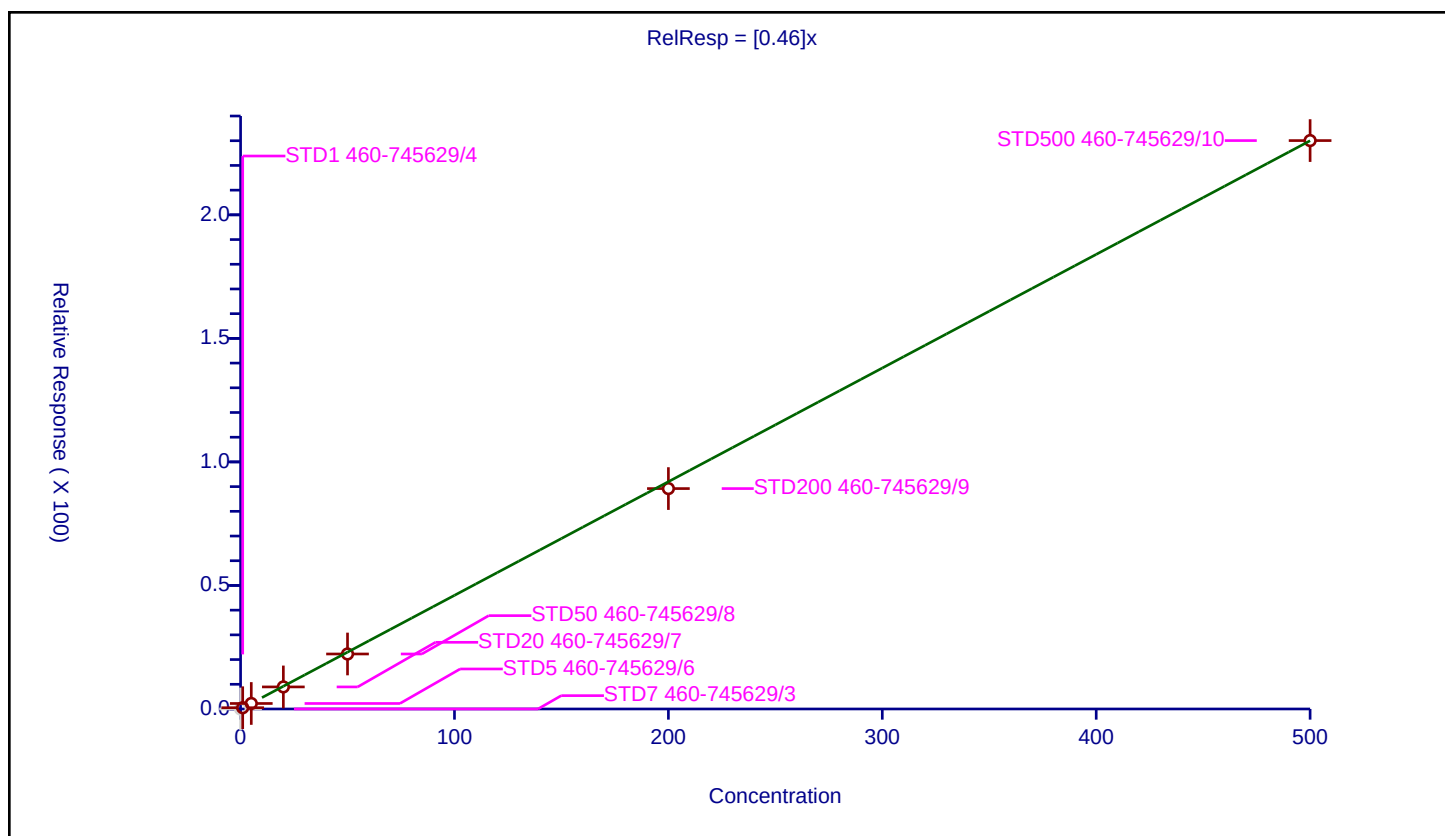
Curve Coefficients

Intercept: 0
Slope: 0.46

Error Coefficients

Standard Error: 1040000
Relative Standard Error: 6.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.517444	50.0	391830.0	0.517444	Y
3	STD5 460-745629/6	5.0	2.223751	50.0	393884.0	0.44475	Y
4	STD20 460-745629/7	20.0	8.927906	50.0	421269.0	0.446395	Y
5	STD50 460-745629/8	50.0	22.261855	50.0	405530.0	0.445237	Y
6	STD200 460-745629/9	200.0	89.20516	50.0	440831.0	0.446026	Y
7	STD500 460-745629/10	500.0	230.05726	50.0	474674.0	0.460115	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

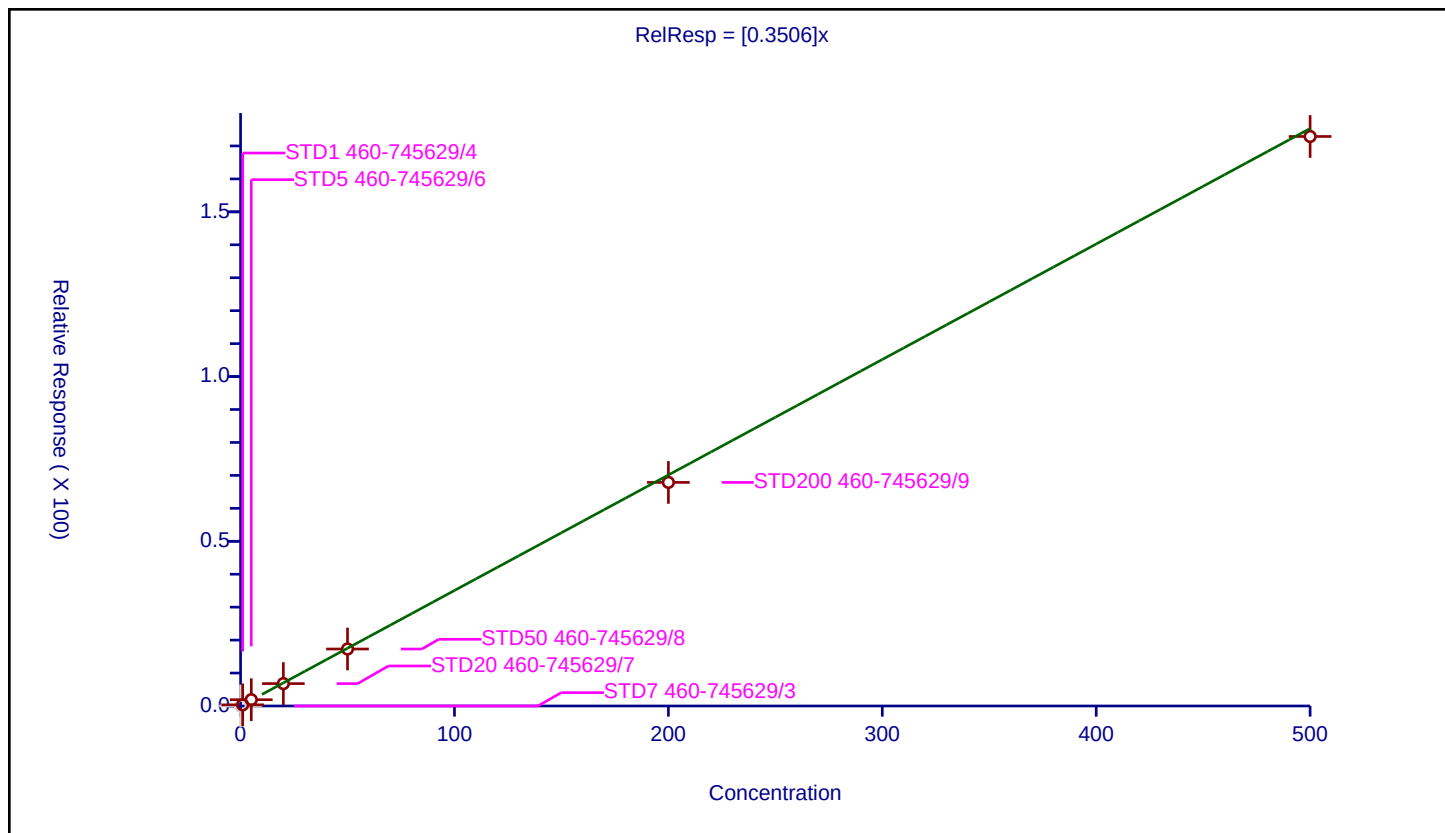
Curve Coefficients

Intercept: 0
 Slope: 0.3506

Error Coefficients

Standard Error: 784000
 Relative Standard Error: 4.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.350917	50.0	391830.0	0.350917	Y
3	STD5 460-745629/6	5.0	1.909445	50.0	393884.0	0.381889	Y
4	STD20 460-745629/7	20.0	6.795895	50.0	421269.0	0.339795	Y
5	STD50 460-745629/8	50.0	17.293788	50.0	405530.0	0.345876	Y
6	STD200 460-745629/9	200.0	67.866824	50.0	440831.0	0.339334	Y
7	STD500 460-745629/10	500.0	172.876227	50.0	474674.0	0.345752	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

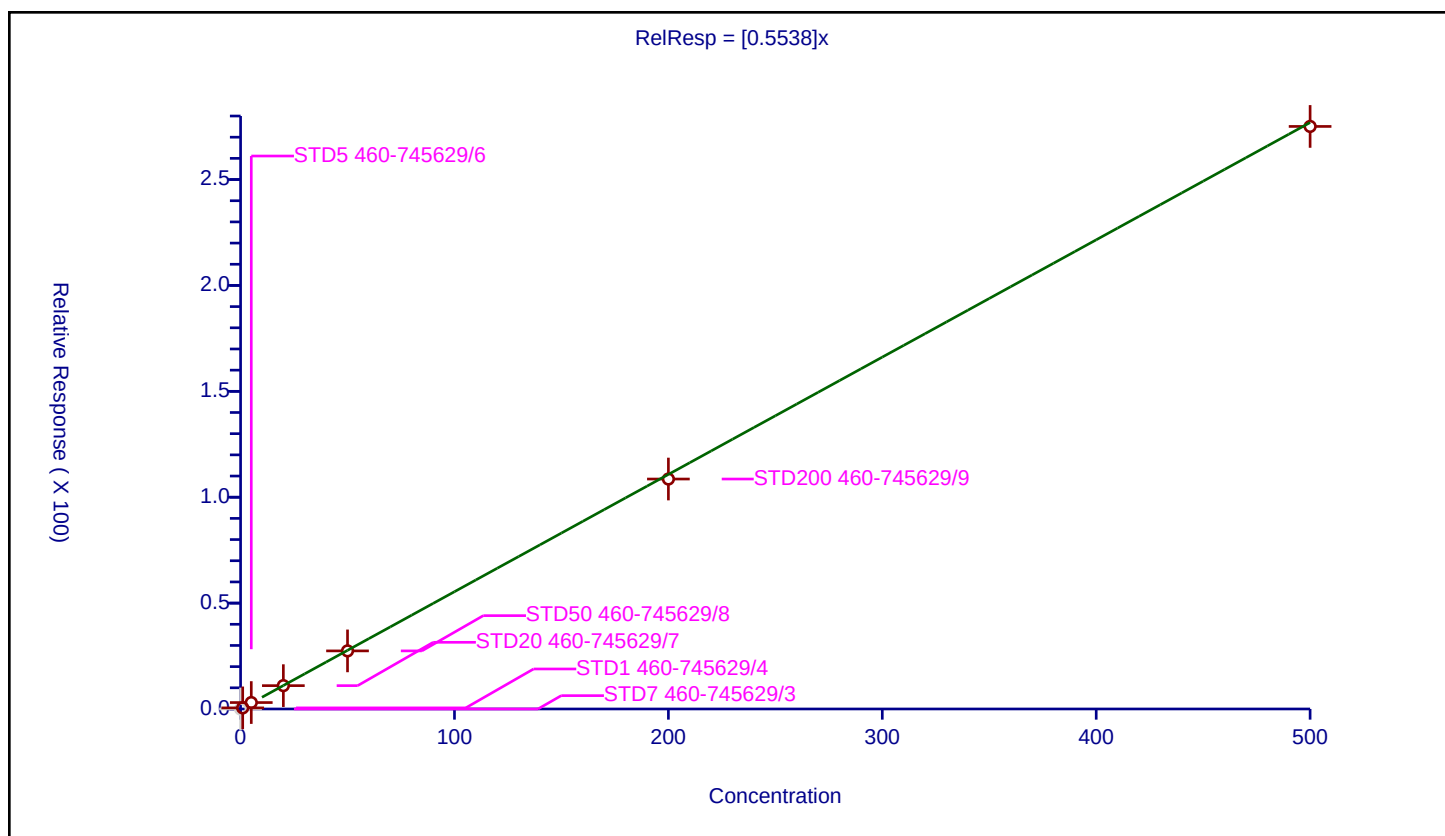
Curve Coefficients

Intercept: 0
 Slope: 0.5538

Error Coefficients

Standard Error: 1250000
 Relative Standard Error: 5.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.521655	50.0	391830.0	0.521655	Y
3	STD5 460-745629/6	5.0	3.041124	50.0	393884.0	0.608225	Y
4	STD20 460-745629/7	20.0	11.029176	50.0	421269.0	0.551459	Y
5	STD50 460-745629/8	50.0	27.430523	50.0	405530.0	0.54861	Y
6	STD200 460-745629/9	200.0	108.585036	50.0	440831.0	0.542925	Y
7	STD500 460-745629/10	500.0	275.076474	50.0	474674.0	0.550153	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

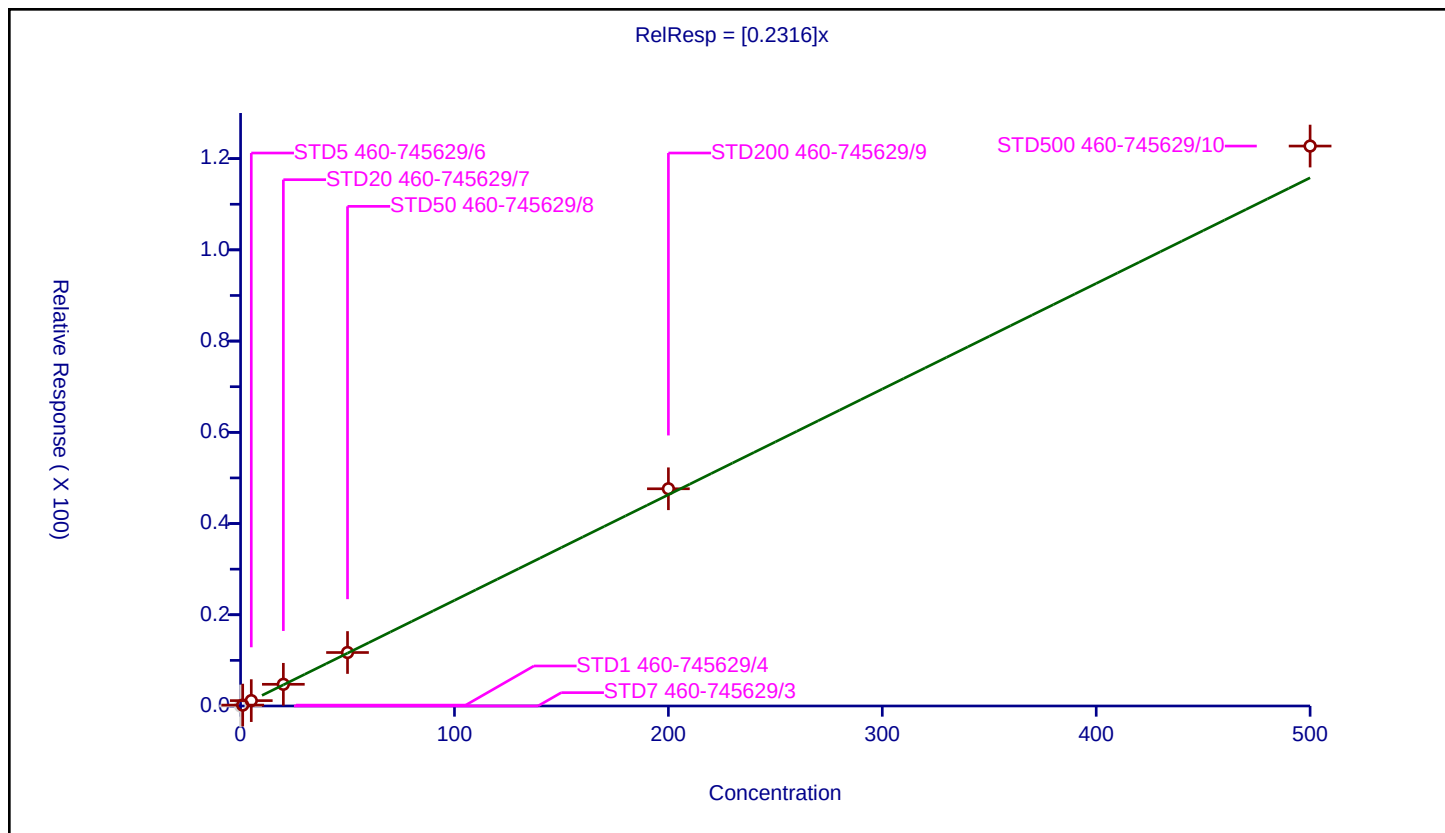
Curve Coefficients

Intercept: 0
 Slope: 0.2316

Error Coefficients

Standard Error: 556000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.197662	50.0	391830.0	0.197662	Y
3	STD5 460-745629/6	5.0	1.179535	50.0	393884.0	0.235907	Y
4	STD20 460-745629/7	20.0	4.757768	50.0	421269.0	0.237888	Y
5	STD50 460-745629/8	50.0	11.72441	50.0	405530.0	0.234488	Y
6	STD200 460-745629/9	200.0	47.622558	50.0	440831.0	0.238113	Y
7	STD500 460-745629/10	500.0	122.753616	50.0	474674.0	0.245507	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

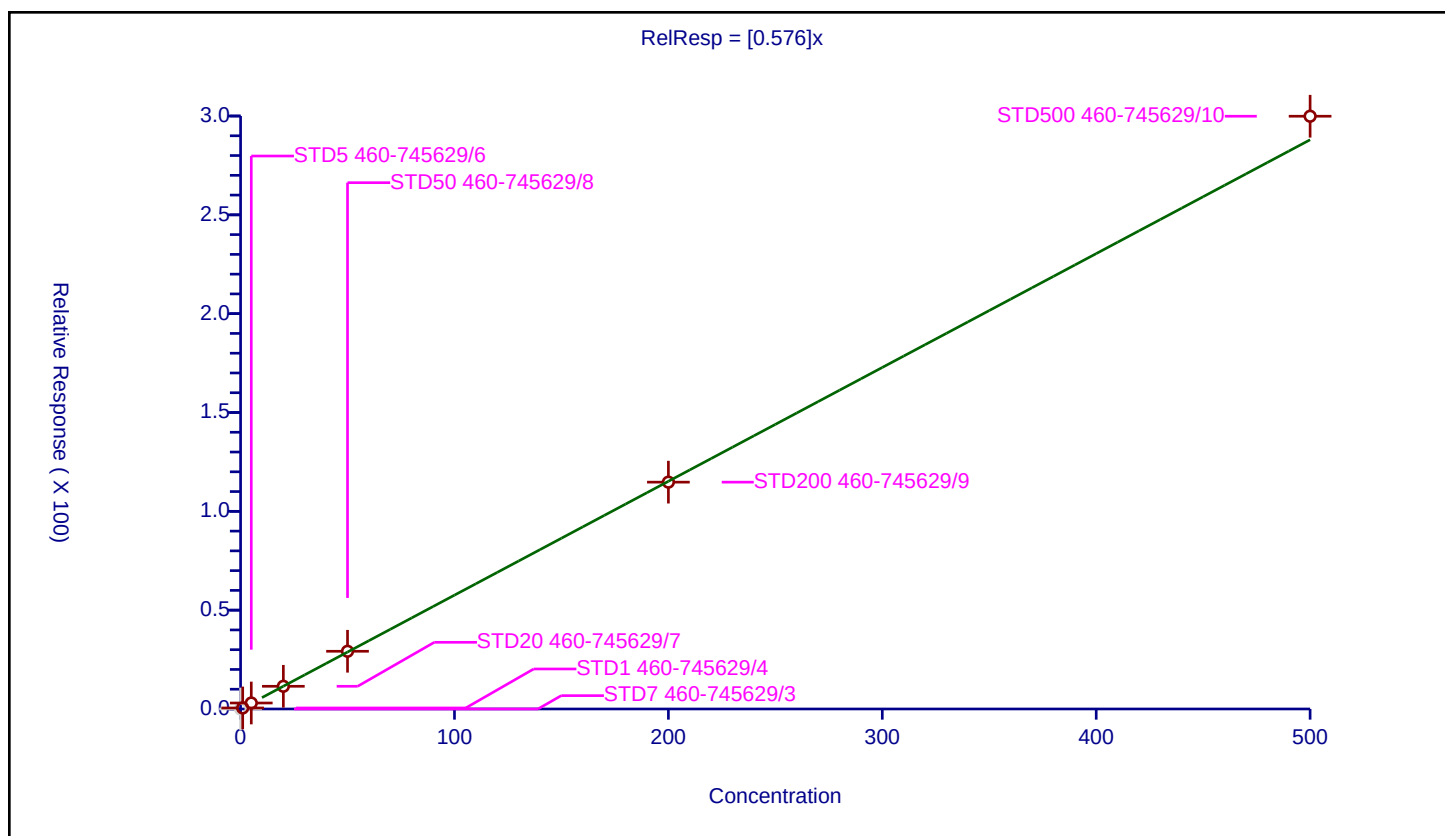
Curve Coefficients

Intercept: 0
 Slope: 0.576

Error Coefficients

Standard Error: 1360000
 Relative Standard Error: 5.4
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.517954	50.0	391830.0	0.517954	Y
3	STD5 460-745629/6	5.0	3.028176	50.0	393884.0	0.605635	Y
4	STD20 460-745629/7	20.0	11.490995	50.0	421269.0	0.57455	Y
5	STD50 460-745629/8	50.0	29.198333	50.0	405530.0	0.583967	Y
6	STD200 460-745629/9	200.0	114.765863	50.0	440831.0	0.573829	Y
7	STD500 460-745629/10	500.0	299.89319	50.0	474674.0	0.599786	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

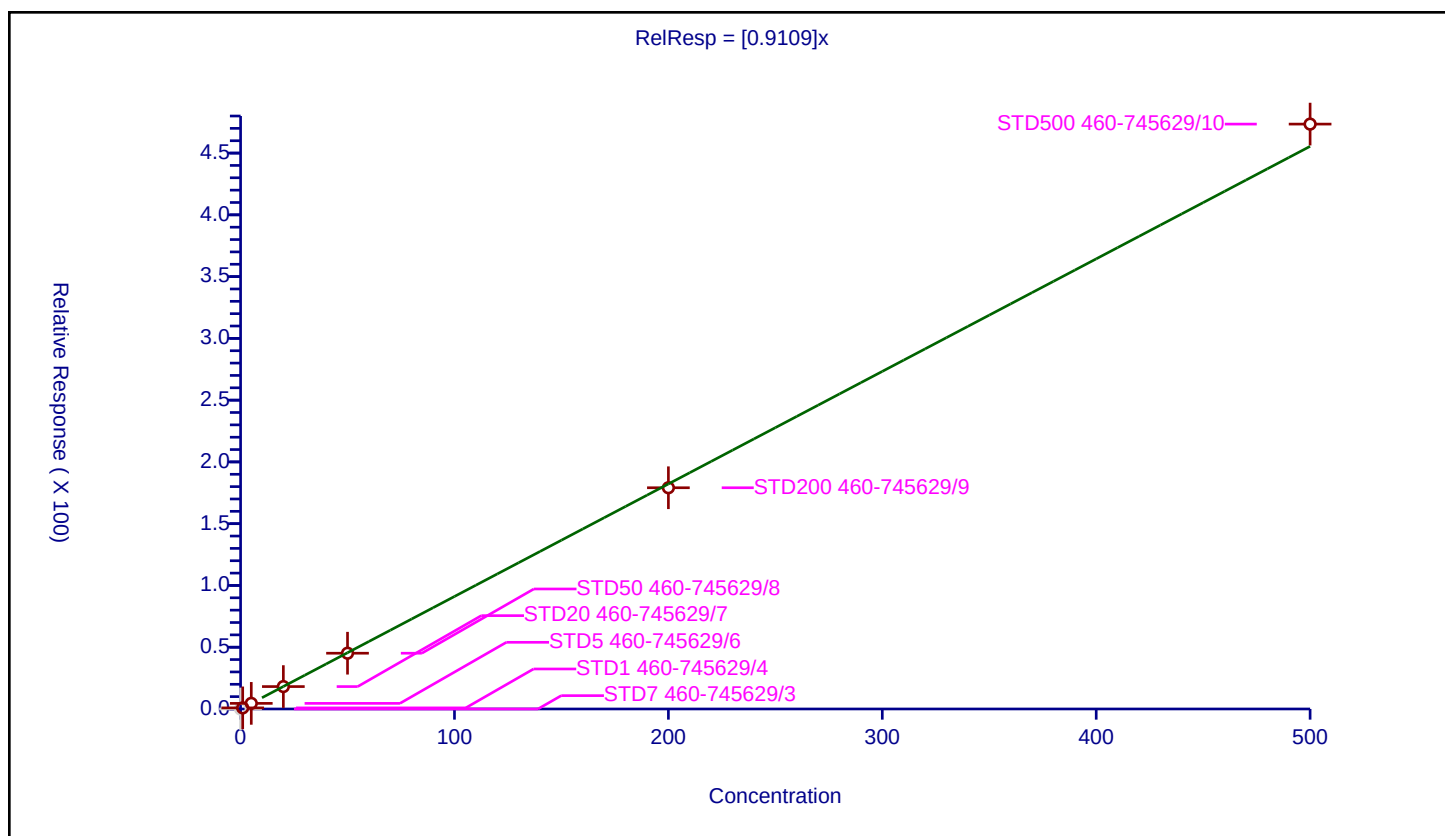
Curve Coefficients

Intercept: 0
Slope: 0.9109

Error Coefficients

Standard Error: 2140000
Relative Standard Error: 2.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.90256	50.0	391830.0	0.90256	Y
3	STD5 460-745629/6	5.0	4.553625	50.0	393884.0	0.910725	Y
4	STD20 460-745629/7	20.0	18.141734	50.0	421269.0	0.907087	Y
5	STD50 460-745629/8	50.0	45.139324	50.0	405530.0	0.902786	Y
6	STD200 460-745629/9	200.0	179.078944	50.0	440831.0	0.895395	Y
7	STD500 460-745629/10	500.0	473.463682	50.0	474674.0	0.946927	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

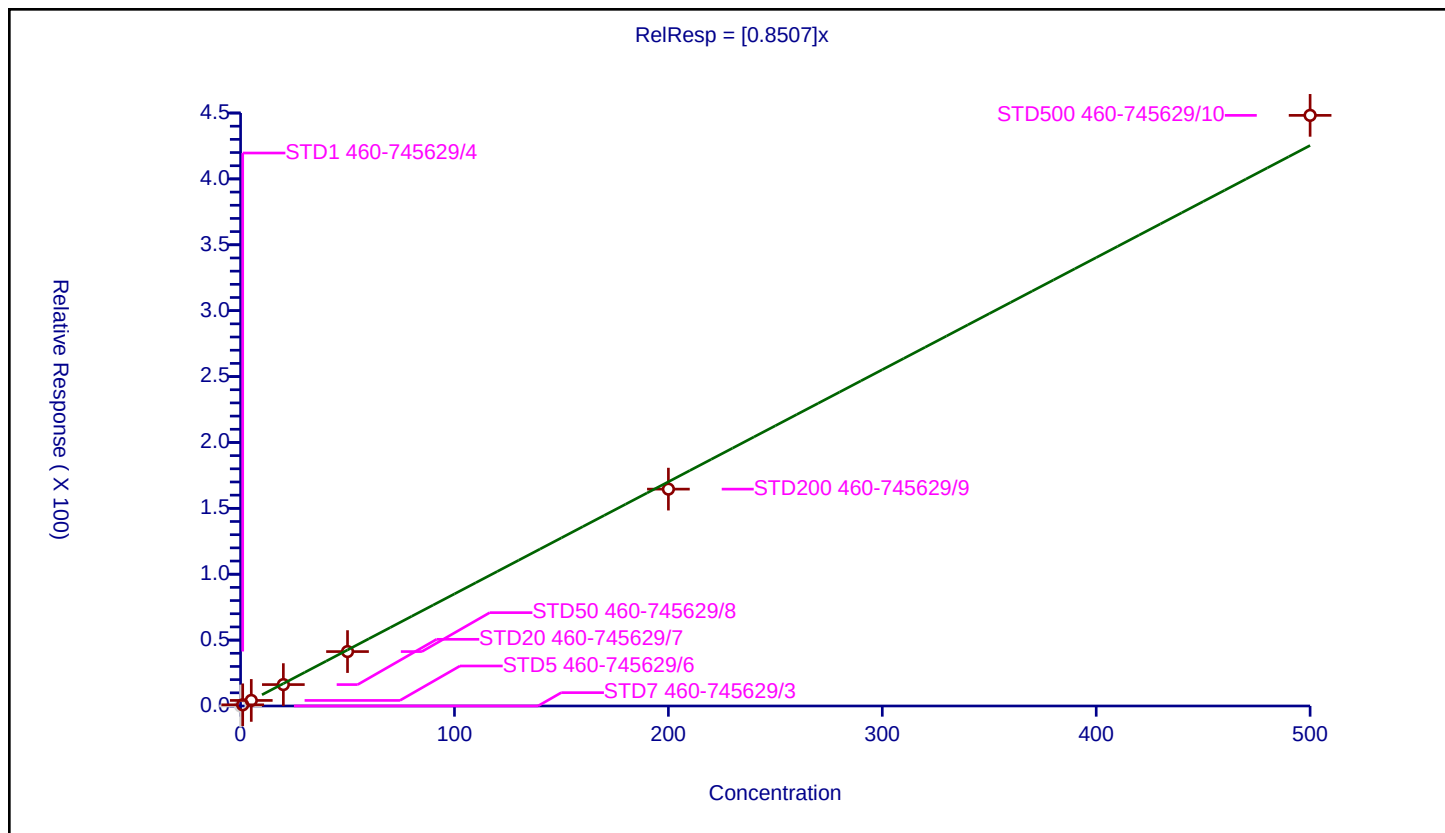
Curve Coefficients

Intercept: 0
 Slope: 0.8507

Error Coefficients

Standard Error: 1200000
 Relative Standard Error: 4.6
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.903097	50.0	252520.0	0.903097	Y
3	STD5 460-745629/6	5.0	4.220202	50.0	253104.0	0.84404	Y
4	STD20 460-745629/7	20.0	16.245666	50.0	268527.0	0.812283	Y
5	STD50 460-745629/8	50.0	41.285307	50.0	255052.0	0.825706	Y
6	STD200 460-745629/9	200.0	164.567642	50.0	265139.0	0.822838	Y
7	STD500 460-745629/10	500.0	448.221163	50.0	281982.0	0.896442	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

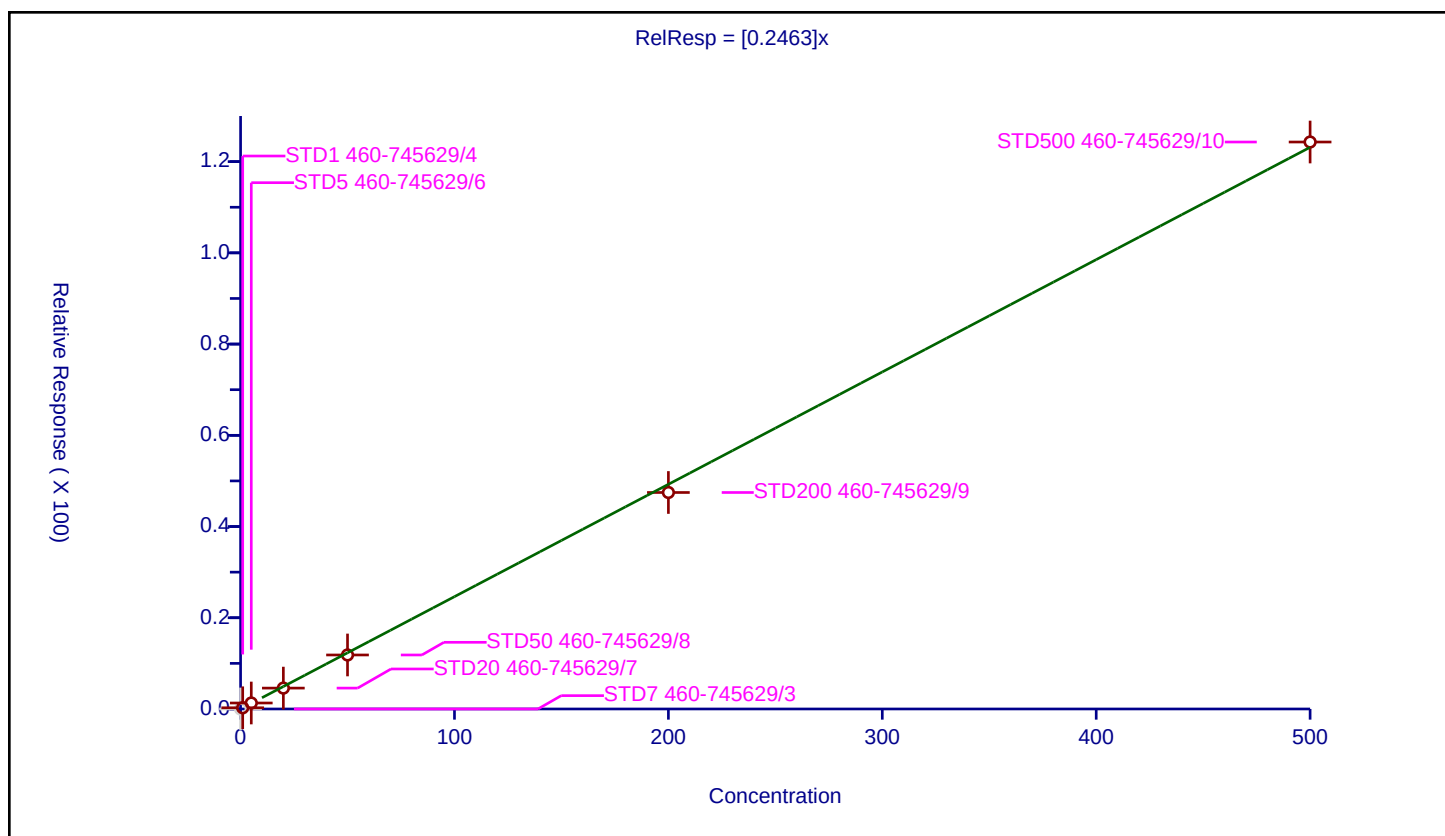
Curve Coefficients

Intercept: 0
Slope: 0.2463

Error Coefficients

Standard Error: 562000
Relative Standard Error: 5.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	0.263124	50.0	391830.0	0.263124	Y
3	STD5 460-745629/6	5.0	1.314727	50.0	393884.0	0.262945	Y
4	STD20 460-745629/7	20.0	4.578903	50.0	421269.0	0.228945	Y
5	STD50 460-745629/8	50.0	11.840431	50.0	405530.0	0.236809	Y
6	STD200 460-745629/9	200.0	47.461612	50.0	440831.0	0.237308	Y
7	STD500 460-745629/10	500.0	124.302258	50.0	474674.0	0.248605	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

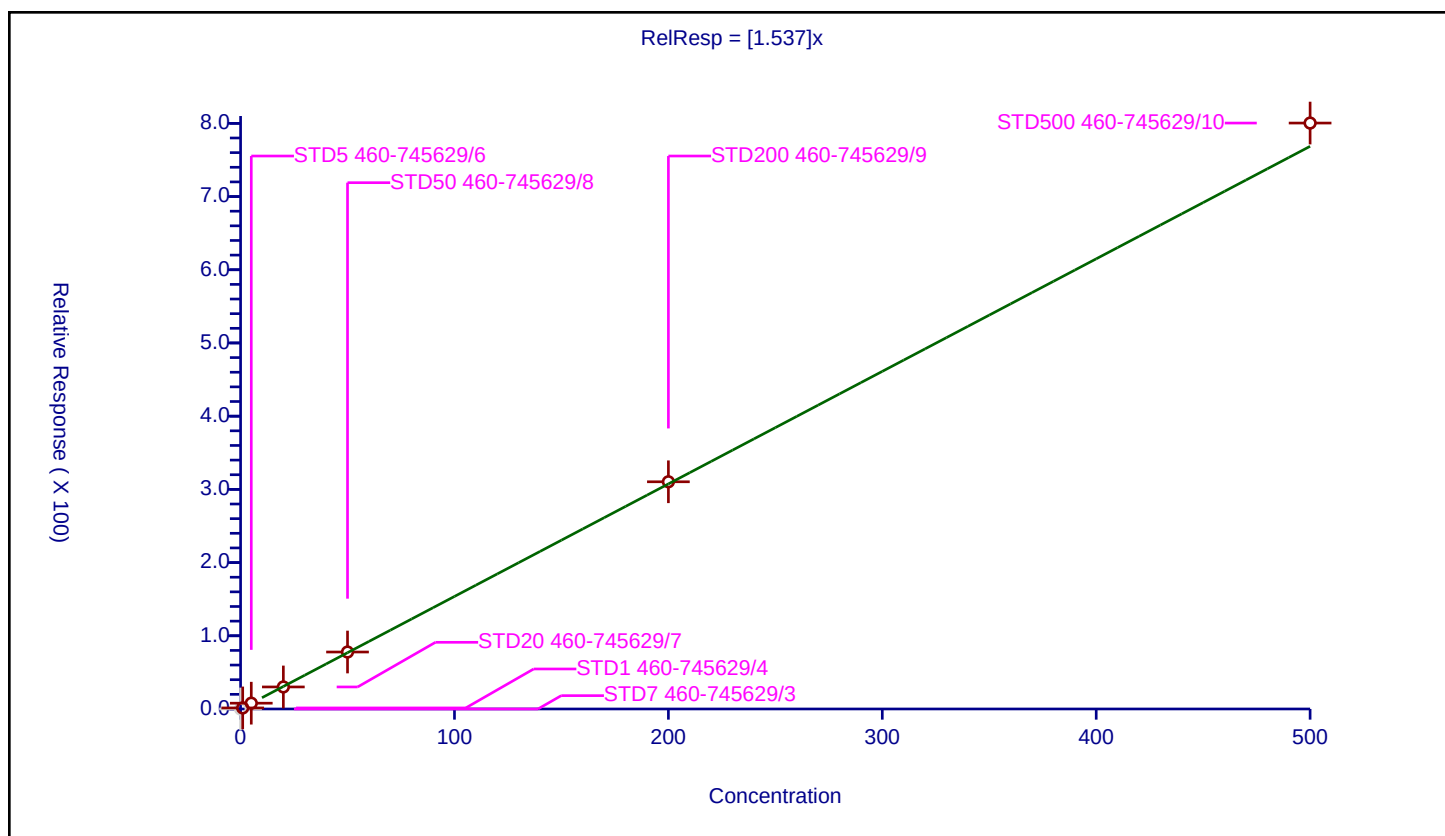
Curve Coefficients

Intercept: 0
 Slope: 1.537

Error Coefficients

Standard Error: 3620000
 Relative Standard Error: 4.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	365196.0	NaN	N
2	STD1 460-745629/4	1.0	1.427277	50.0	391830.0	1.427277	Y
3	STD5 460-745629/6	5.0	7.9055	50.0	393884.0	1.5811	Y
4	STD20 460-745629/7	20.0	30.118523	50.0	421269.0	1.505926	Y
5	STD50 460-745629/8	50.0	77.819767	50.0	405530.0	1.556395	Y
6	STD200 460-745629/9	200.0	310.370301	50.0	440831.0	1.551852	Y
7	STD500 460-745629/10	500.0	800.393323	50.0	474674.0	1.600787	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

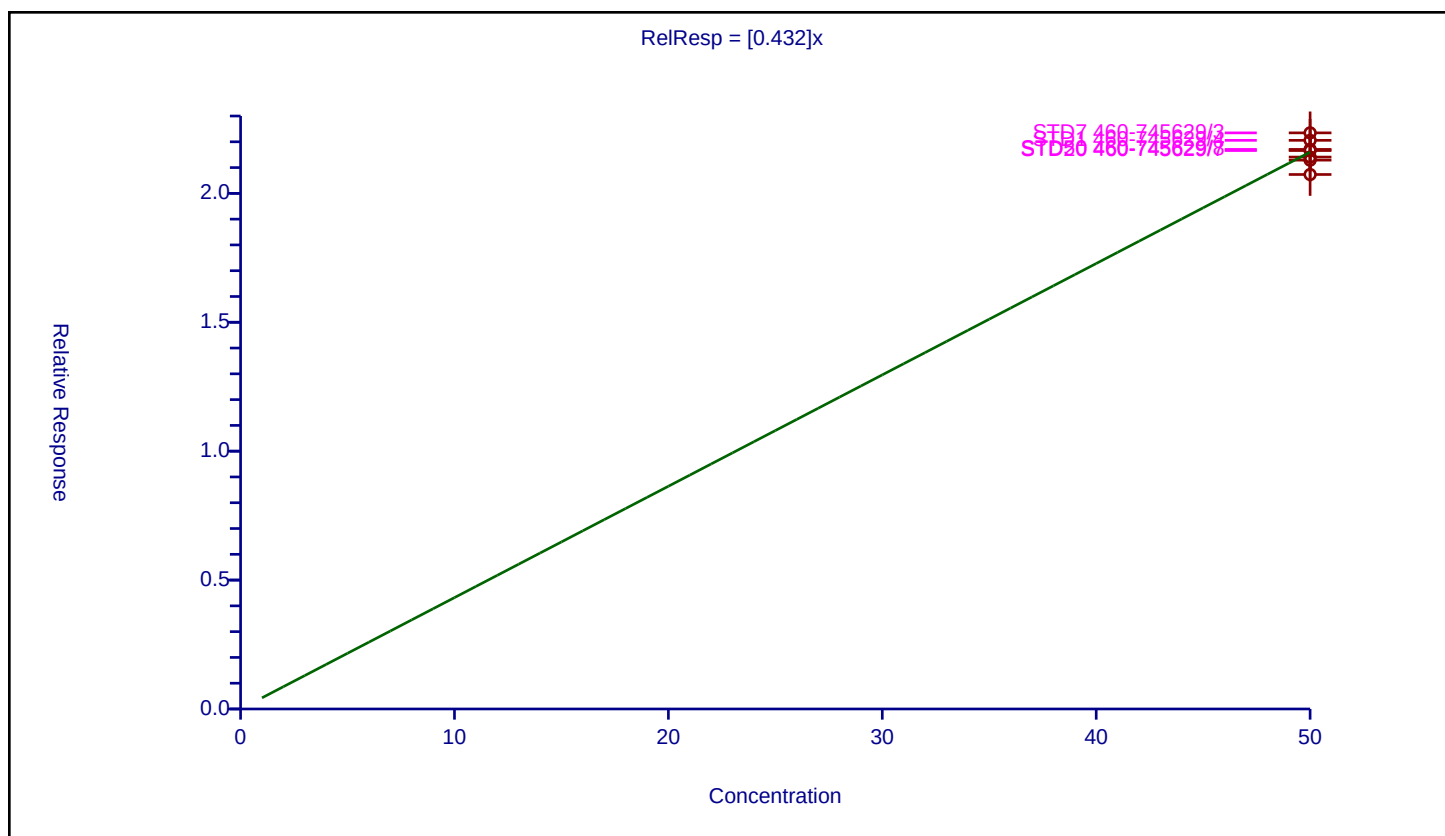
Curve Coefficients

Intercept: 0
 Slope: 0.432

Error Coefficients

Standard Error: 193000
 Relative Standard Error: 2.4
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	50.0	22.34663	50.0	365196.0	0.446933	Y
2	STD1 460-745629/4	50.0	22.056887	50.0	391830.0	0.441138	Y
3	STD5 460-745629/6	50.0	21.28812	50.0	393884.0	0.425762	Y
4	STD20 460-745629/7	50.0	21.660388	50.0	421269.0	0.433208	Y
5	STD50 460-745629/8	50.0	21.704683	50.0	405530.0	0.434094	Y
6	STD200 460-745629/9	50.0	21.407864	50.0	440831.0	0.428157	Y
7	STD500 460-745629/10	50.0	20.731176	50.0	474674.0	0.414624	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

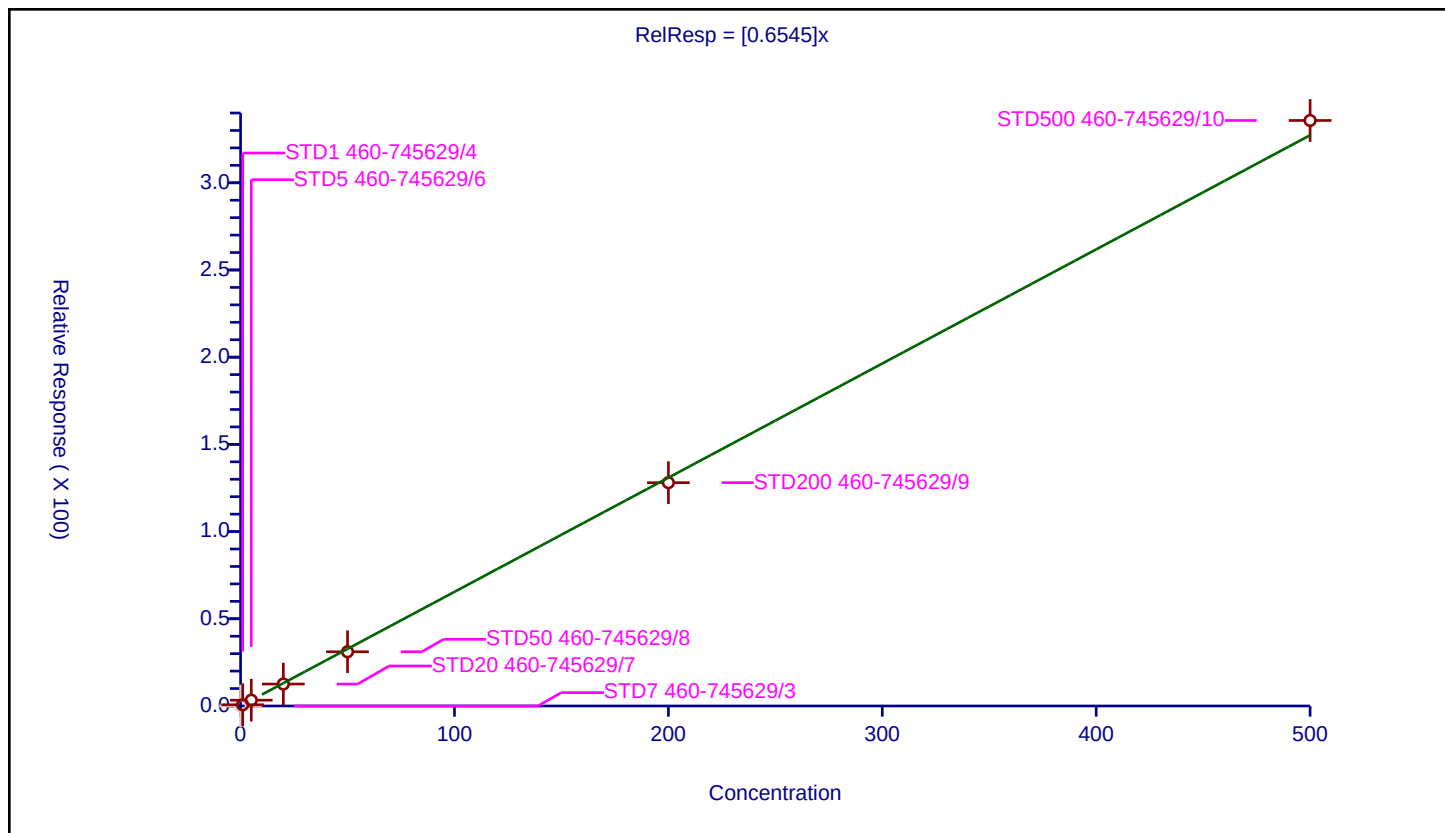
Curve Coefficients

Intercept: 0
 Slope: 0.6545

Error Coefficients

Standard Error: 903000
 Relative Standard Error: 4.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.700539	50.0	252520.0	0.700539	Y
3	STD5 460-745629/6	5.0	3.320374	50.0	253104.0	0.664075	Y
4	STD20 460-745629/7	20.0	12.581975	50.0	268527.0	0.629099	Y
5	STD50 460-745629/8	50.0	31.087974	50.0	255052.0	0.621759	Y
6	STD200 460-745629/9	200.0	128.048872	50.0	265139.0	0.640244	Y
7	STD500 460-745629/10	500.0	335.71611	50.0	281982.0	0.671432	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

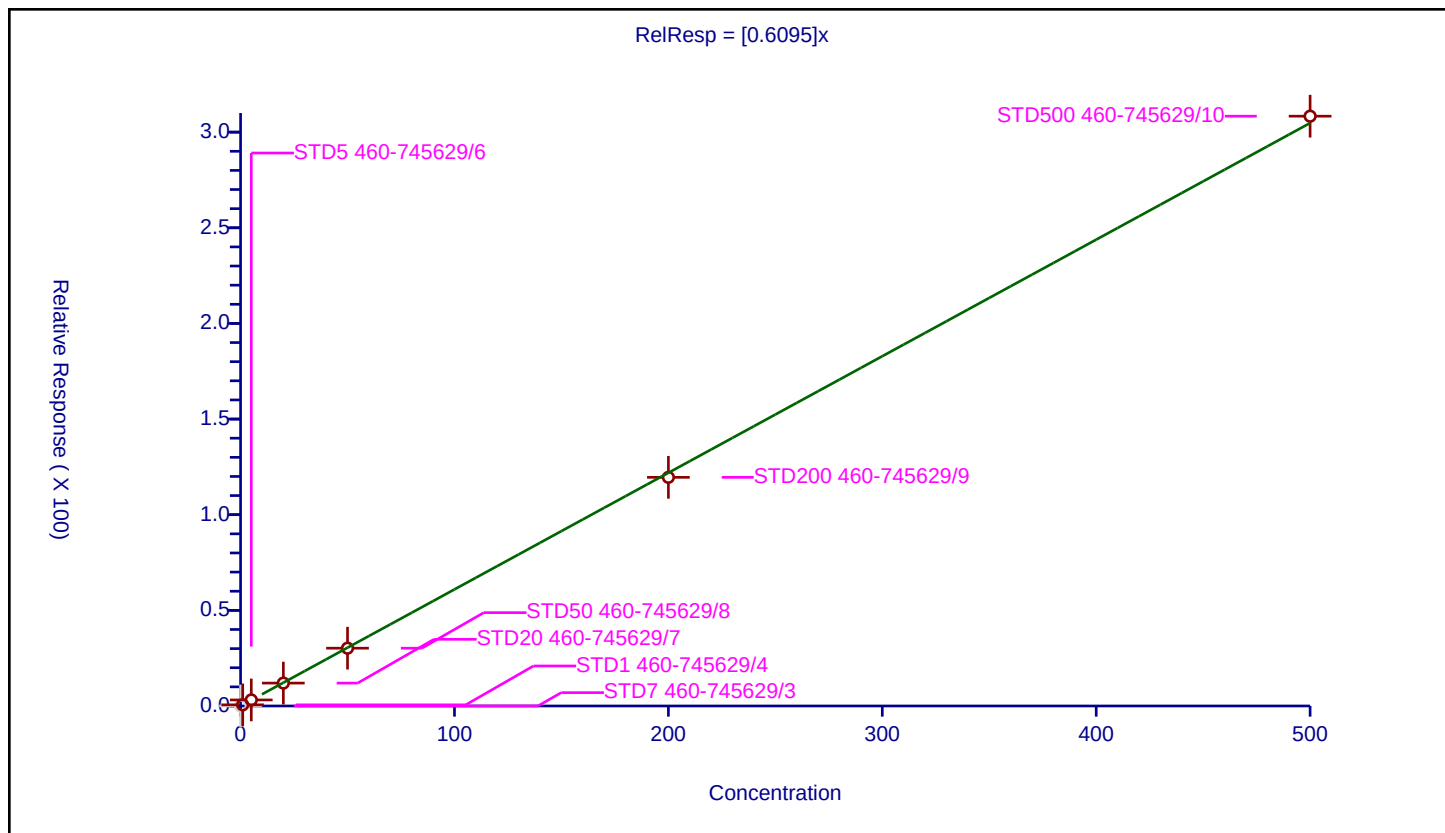
Curve Coefficients

Intercept: 0
 Slope: 0.6095

Error Coefficients

Standard Error: 831000
 Relative Standard Error: 2.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.608665	50.0	252520.0	0.608665	Y
3	STD5 460-745629/6	5.0	3.15641	50.0	253104.0	0.631282	Y
4	STD20 460-745629/7	20.0	11.969001	50.0	268527.0	0.59845	Y
5	STD50 460-745629/8	50.0	30.216779	50.0	255052.0	0.604336	Y
6	STD200 460-745629/9	200.0	119.535791	50.0	265139.0	0.597679	Y
7	STD500 460-745629/10	500.0	308.334397	50.0	281982.0	0.616669	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

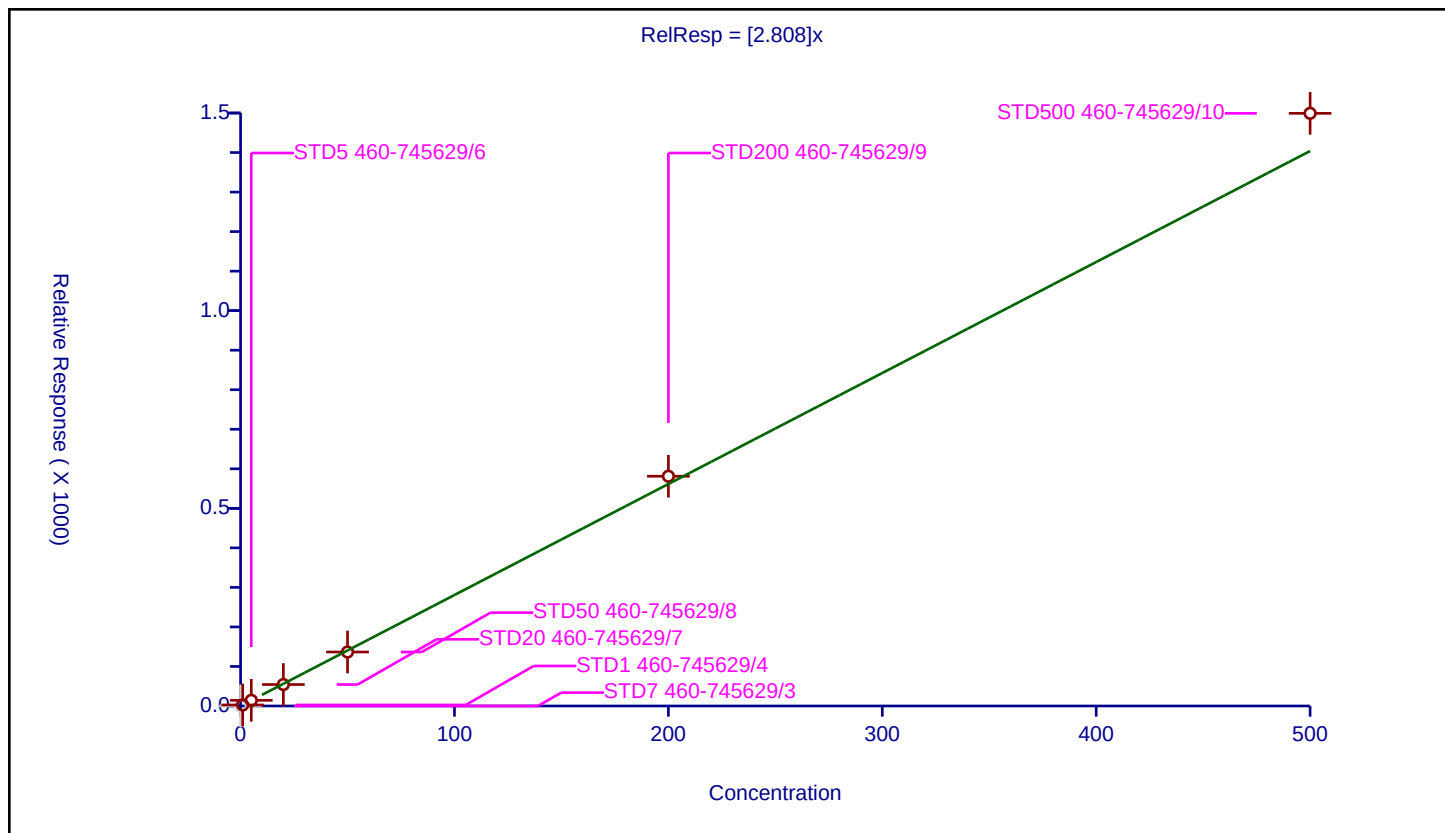
Curve Coefficients

Intercept: 0
 Slope: 2.808

Error Coefficients

Standard Error: 4040000
 Relative Standard Error: 5.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	2.627119	50.0	252520.0	2.627119	Y
3	STD5 460-745629/6	5.0	14.351413	50.0	253104.0	2.870283	Y
4	STD20 460-745629/7	20.0	54.267541	50.0	268527.0	2.713377	Y
5	STD50 460-745629/8	50.0	136.540784	50.0	255052.0	2.730816	Y
6	STD200 460-745629/9	200.0	581.156299	50.0	265139.0	2.905781	Y
7	STD500 460-745629/10	500.0	1499.168741	50.0	281982.0	2.998337	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

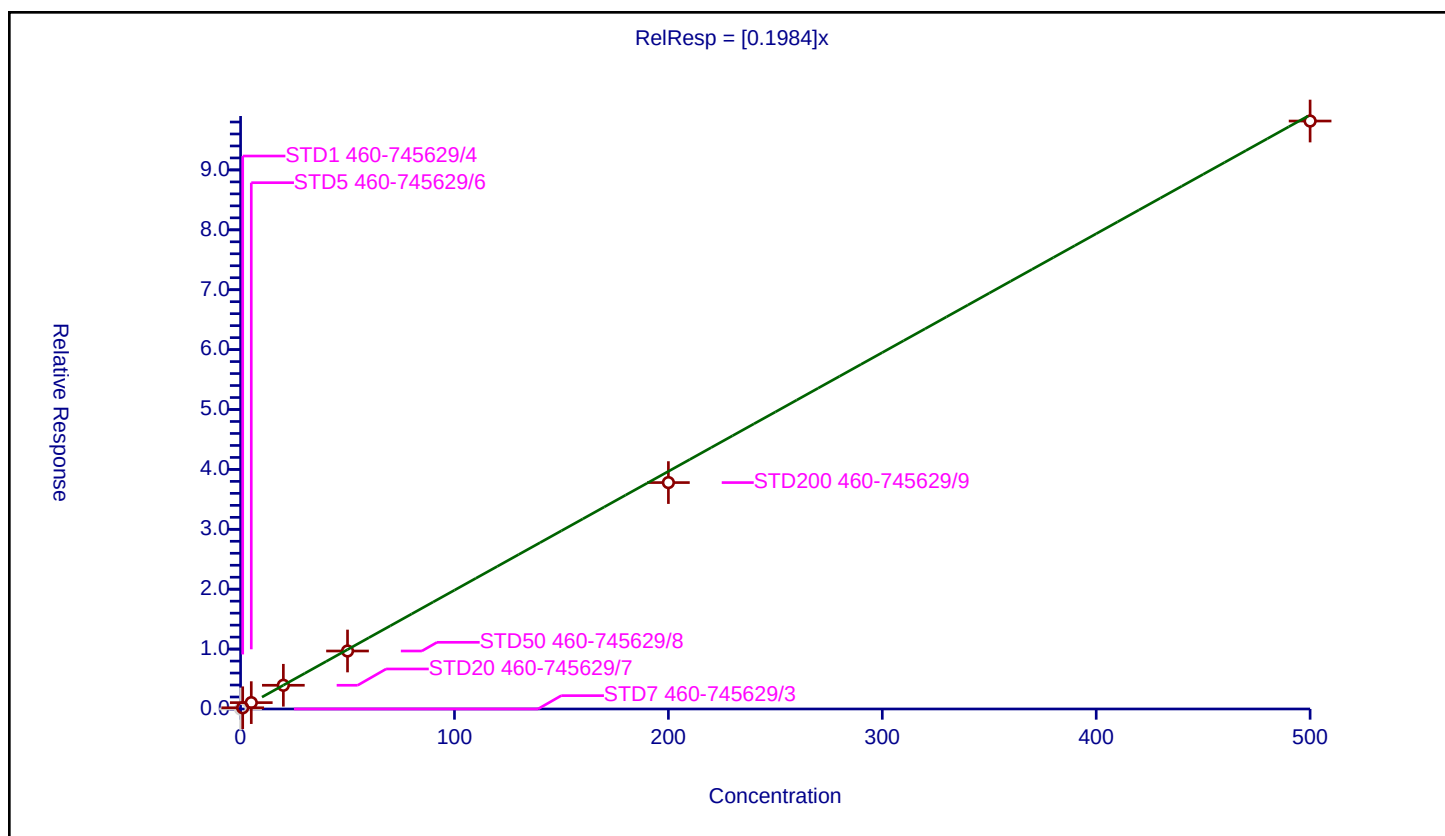
Curve Coefficients

Intercept: 0
 Slope: 0.1984

Error Coefficients

Standard Error: 264000
 Relative Standard Error: 4.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.200776	50.0	252520.0	0.200776	Y
3	STD5 460-745629/6	5.0	1.062804	50.0	253104.0	0.212561	Y
4	STD20 460-745629/7	20.0	3.958634	50.0	268527.0	0.197932	Y
5	STD50 460-745629/8	50.0	9.680771	50.0	255052.0	0.193615	Y
6	STD200 460-745629/9	200.0	37.79923	50.0	265139.0	0.188996	Y
7	STD500 460-745629/10	500.0	98.164067	50.0	281982.0	0.196328	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

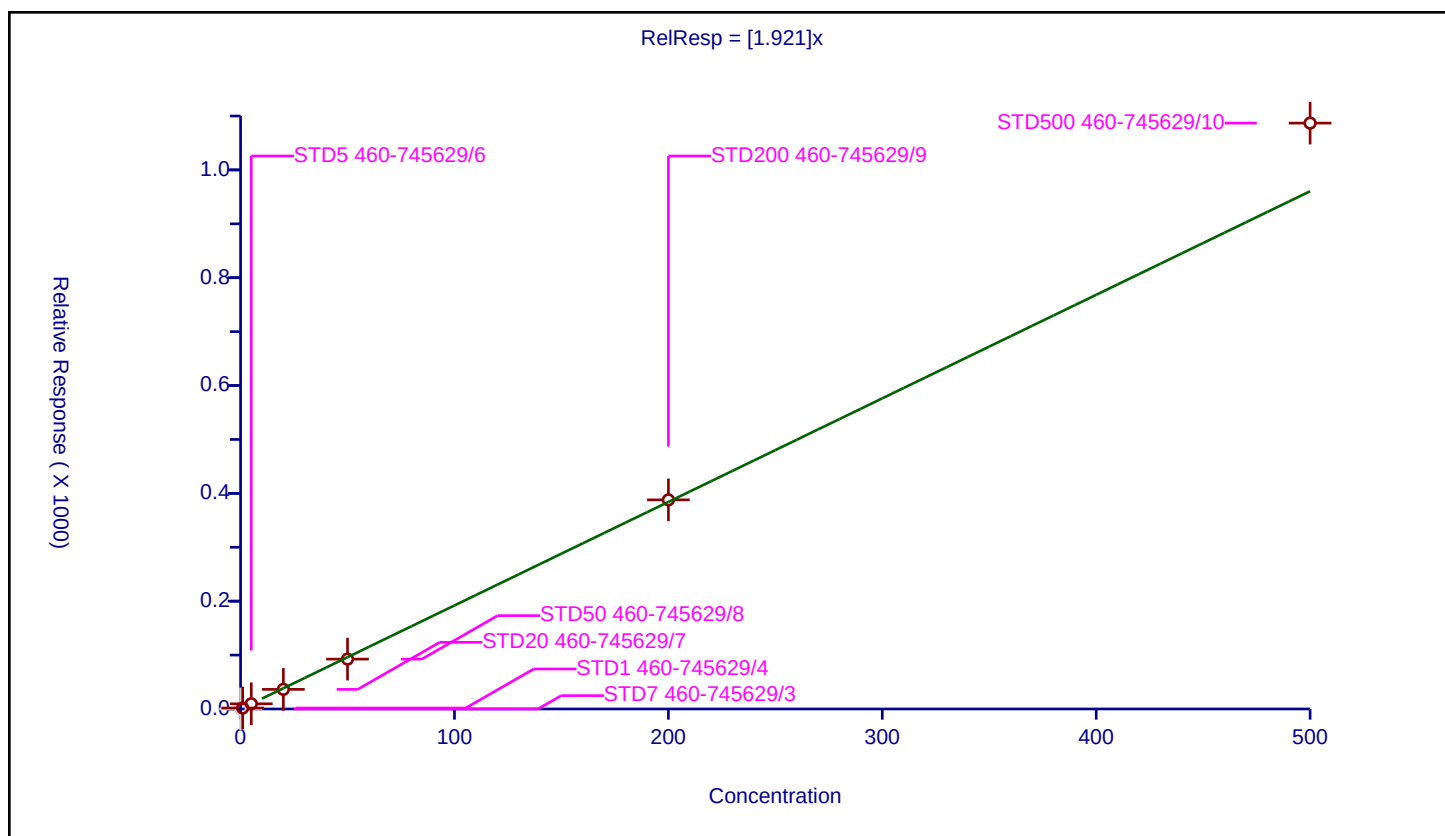
Curve Coefficients

Intercept: 0
 Slope: 1.921

Error Coefficients

Standard Error: 2900000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.81451	50.0	252520.0	1.81451	Y
3	STD5 460-745629/6	5.0	9.632207	50.0	253104.0	1.926441	Y
4	STD20 460-745629/7	20.0	36.396899	50.0	268527.0	1.819845	Y
5	STD50 460-745629/8	50.0	92.544854	50.0	255052.0	1.850897	Y
6	STD200 460-745629/9	200.0	387.935762	50.0	265139.0	1.939679	Y
7	STD500 460-745629/10	500.0	1086.833557	50.0	281982.0	2.173667	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

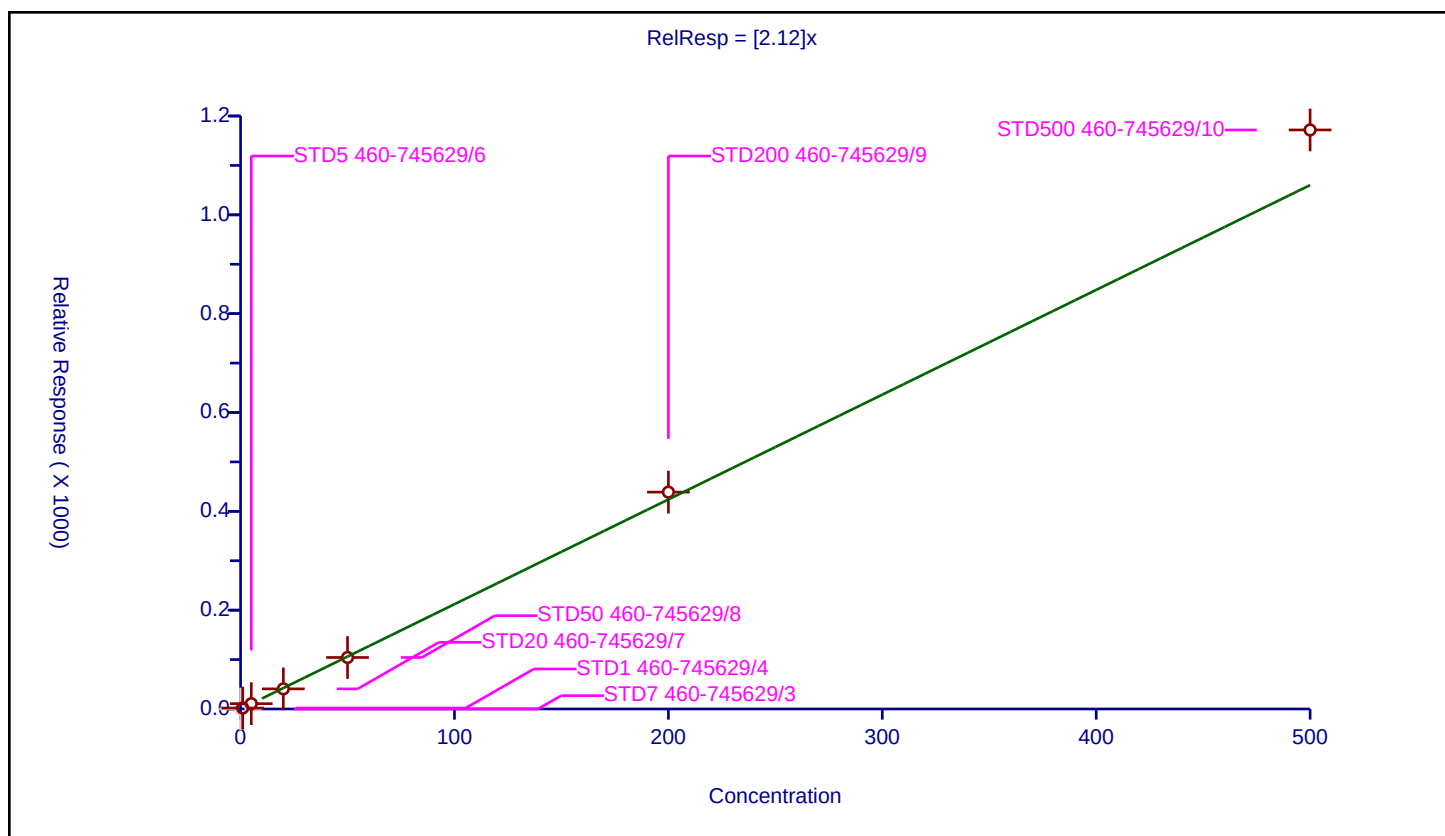
Curve Coefficients

Intercept: 0
 Slope: 2.12

Error Coefficients

Standard Error: 3140000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.916482	50.0	252520.0	1.916482	Y
3	STD5 460-745629/6	5.0	10.739459	50.0	253104.0	2.147892	Y
4	STD20 460-745629/7	20.0	40.697025	50.0	268527.0	2.034851	Y
5	STD50 460-745629/8	50.0	104.223649	50.0	255052.0	2.084473	Y
6	STD200 460-745629/9	200.0	438.879418	50.0	265139.0	2.194397	Y
7	STD500 460-745629/10	500.0	1171.840224	50.0	281982.0	2.34368	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

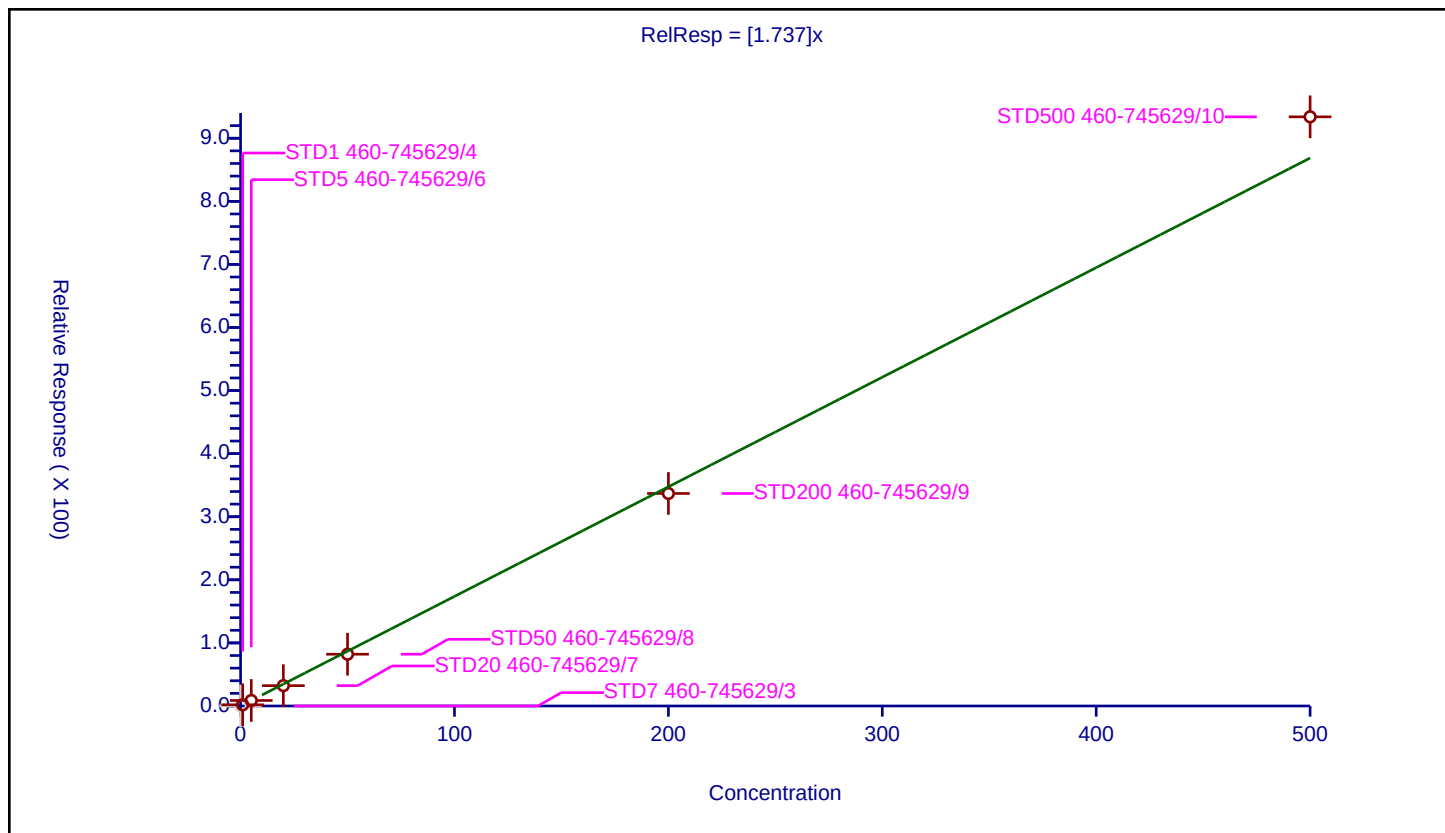
Curve Coefficients

Intercept: 0
 Slope: 1.737

Error Coefficients

Standard Error: 2500000
 Relative Standard Error: 6.5
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.871535	50.0	252520.0	1.871535	Y
3	STD5 460-745629/6	5.0	8.73949	50.0	253104.0	1.747898	Y
4	STD20 460-745629/7	20.0	32.214079	50.0	268527.0	1.610704	Y
5	STD50 460-745629/8	50.0	82.059149	50.0	255052.0	1.641183	Y
6	STD200 460-745629/9	200.0	336.891404	50.0	265139.0	1.684457	Y
7	STD500 460-745629/10	500.0	933.944188	50.0	281982.0	1.867888	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

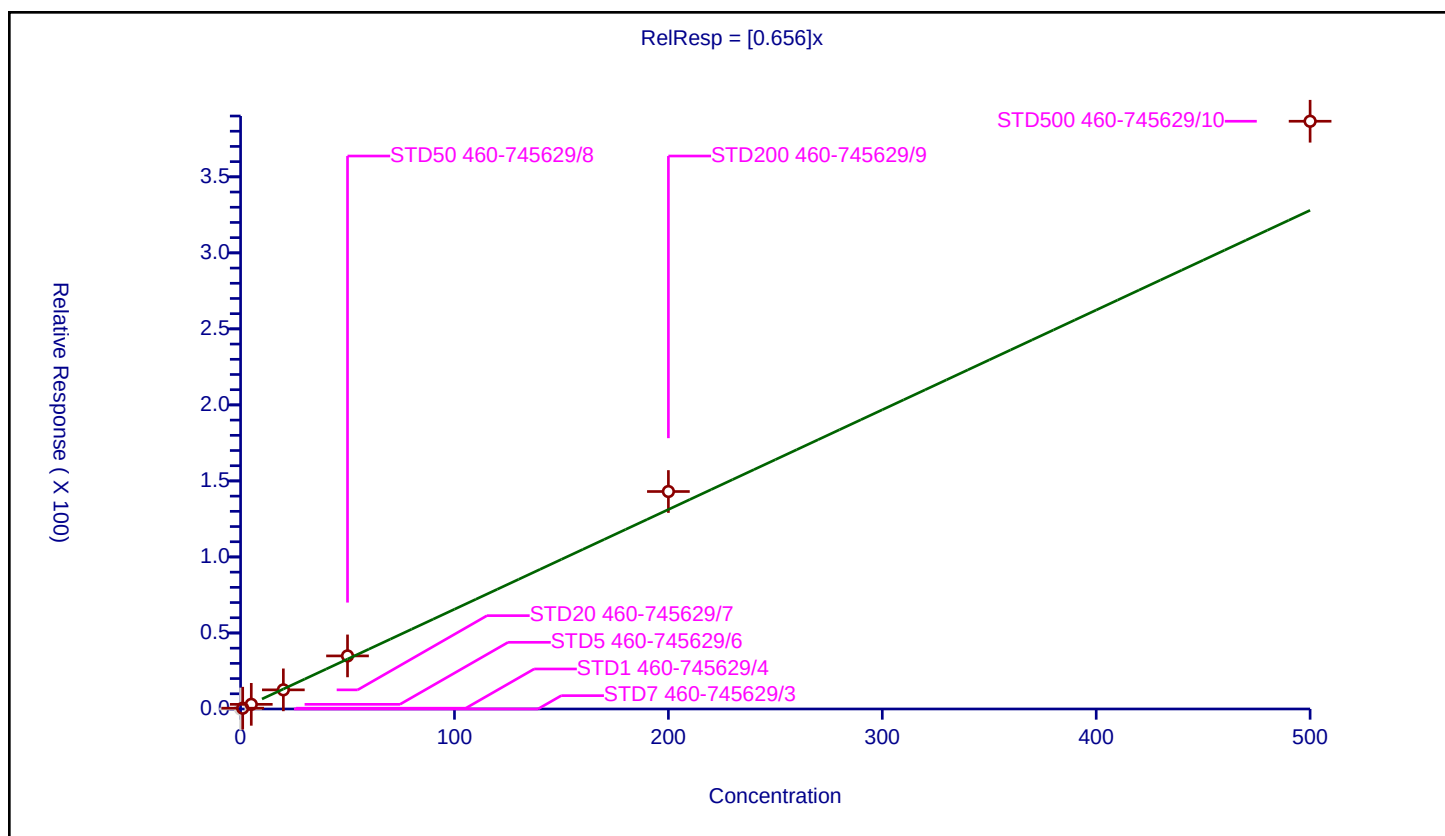
Curve Coefficients

Intercept: 0
 Slope: 0.656

Error Coefficients

Standard Error: 1040000
 Relative Standard Error: 14.2
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.509267	50.0	252520.0	0.509267	Y
3	STD5 460-745629/6	5.0	3.052303	50.0	253104.0	0.610461	Y
4	STD20 460-745629/7	20.0	12.588492	50.0	268527.0	0.629425	Y
5	STD50 460-745629/8	50.0	34.915037	50.0	255052.0	0.698301	Y
6	STD200 460-745629/9	200.0	143.040443	50.0	265139.0	0.715202	Y
7	STD500 460-745629/10	500.0	386.560135	50.0	281982.0	0.77312	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

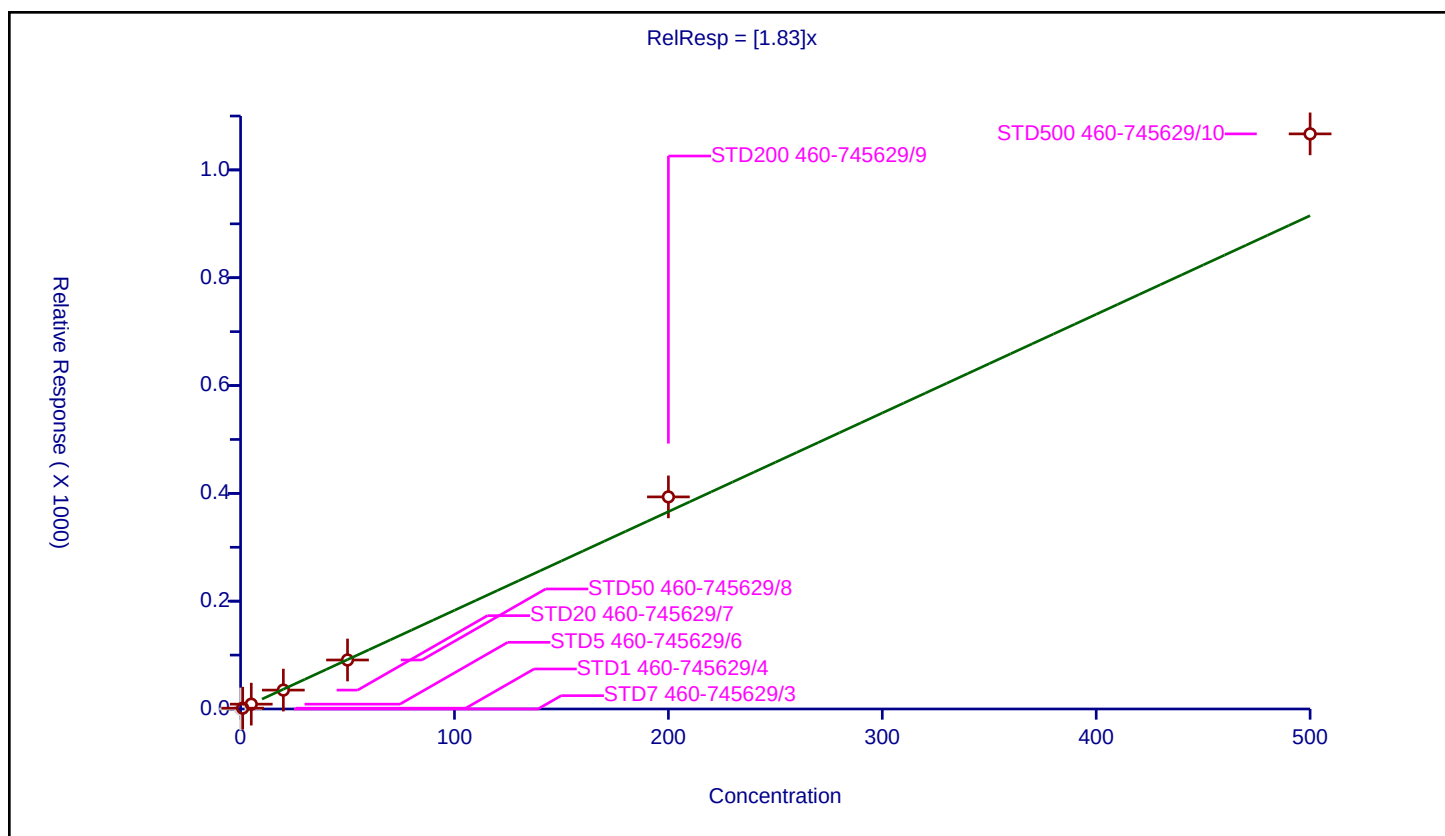
Curve Coefficients

Intercept: 0
Slope: 1.83

Error Coefficients

Standard Error: 2860000
Relative Standard Error: 11.4
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.515128	50.0	252520.0	1.515128	Y
3	STD5 460-745629/6	5.0	8.980498	50.0	253104.0	1.7961	Y
4	STD20 460-745629/7	20.0	35.050479	50.0	268527.0	1.752524	Y
5	STD50 460-745629/8	50.0	90.88382	50.0	255052.0	1.817676	Y
6	STD200 460-745629/9	200.0	393.438159	50.0	265139.0	1.967191	Y
7	STD500 460-745629/10	500.0	1066.856572	50.0	281982.0	2.133713	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

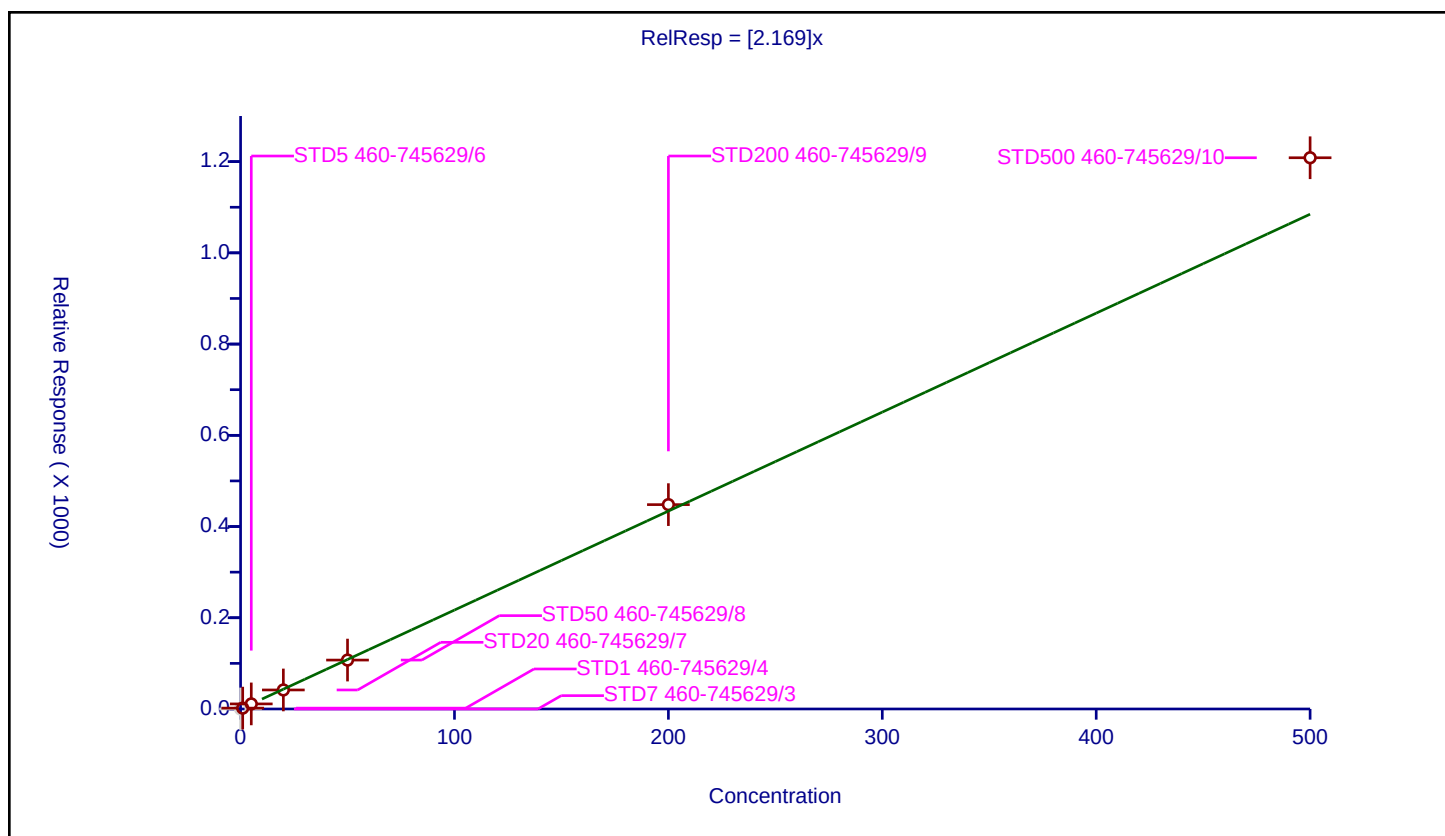
Curve Coefficients

Intercept: 0
 Slope: 2.169

Error Coefficients

Standard Error: 3240000
 Relative Standard Error: 7.9
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.903414	50.0	252520.0	1.903414	Y
3	STD5 460-745629/6	5.0	11.131195	50.0	253104.0	2.226239	Y
4	STD20 460-745629/7	20.0	41.697855	50.0	268527.0	2.084893	Y
5	STD50 460-745629/8	50.0	107.244797	50.0	255052.0	2.144896	Y
6	STD200 460-745629/9	200.0	448.055171	50.0	265139.0	2.240276	Y
7	STD500 460-745629/10	500.0	1208.517033	50.0	281982.0	2.417034	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

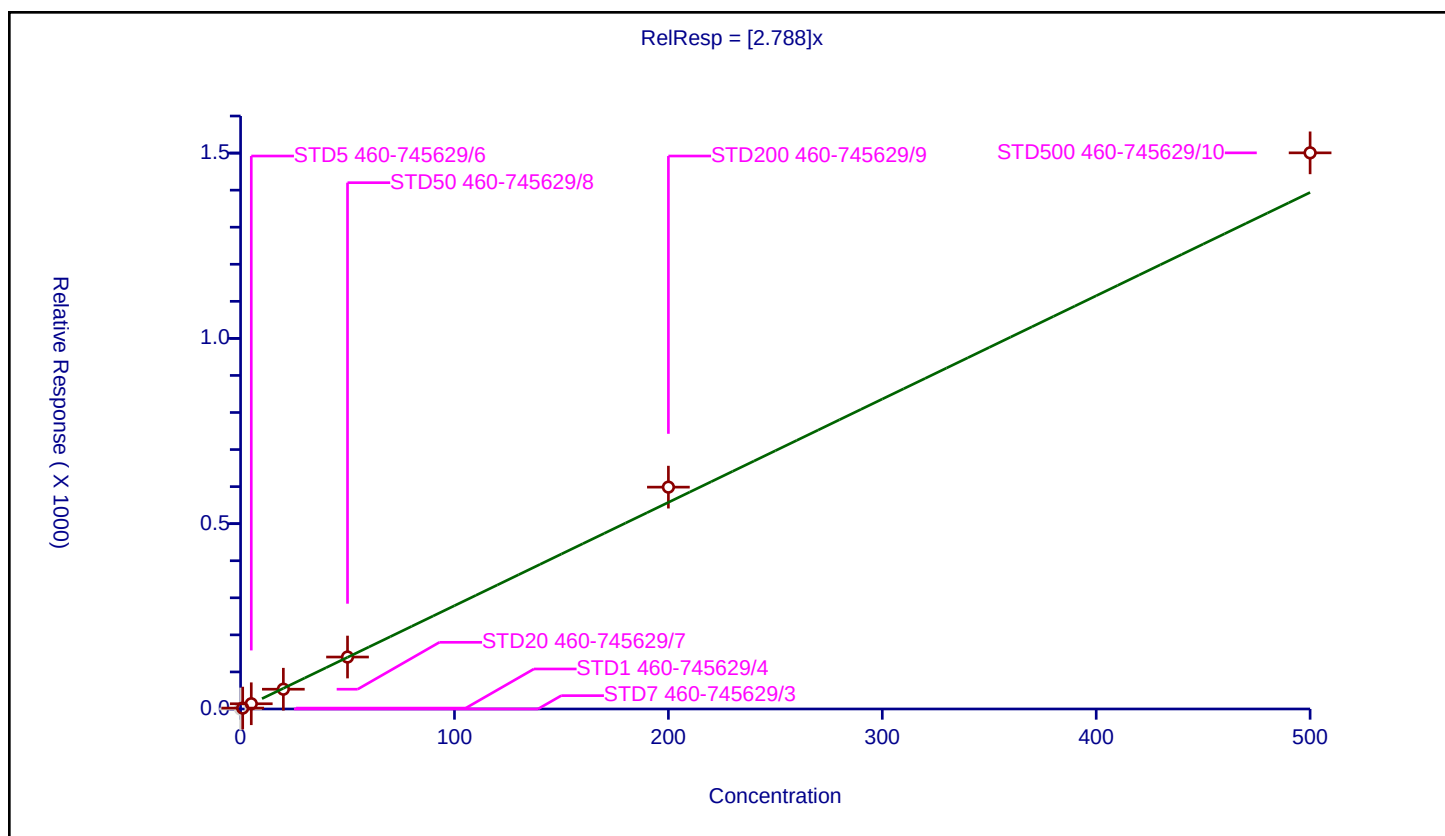
Curve Coefficients

Intercept: 0
 Slope: 2.788

Error Coefficients

Standard Error: 4060000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	2.434263	50.0	252520.0	2.434263	Y
3	STD5 460-745629/6	5.0	14.117517	50.0	253104.0	2.823503	Y
4	STD20 460-745629/7	20.0	53.373962	50.0	268527.0	2.668698	Y
5	STD50 460-745629/8	50.0	140.207879	50.0	255052.0	2.804158	Y
6	STD200 460-745629/9	200.0	598.64769	50.0	265139.0	2.993238	Y
7	STD500 460-745629/10	500.0	1500.636743	50.0	281982.0	3.001273	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

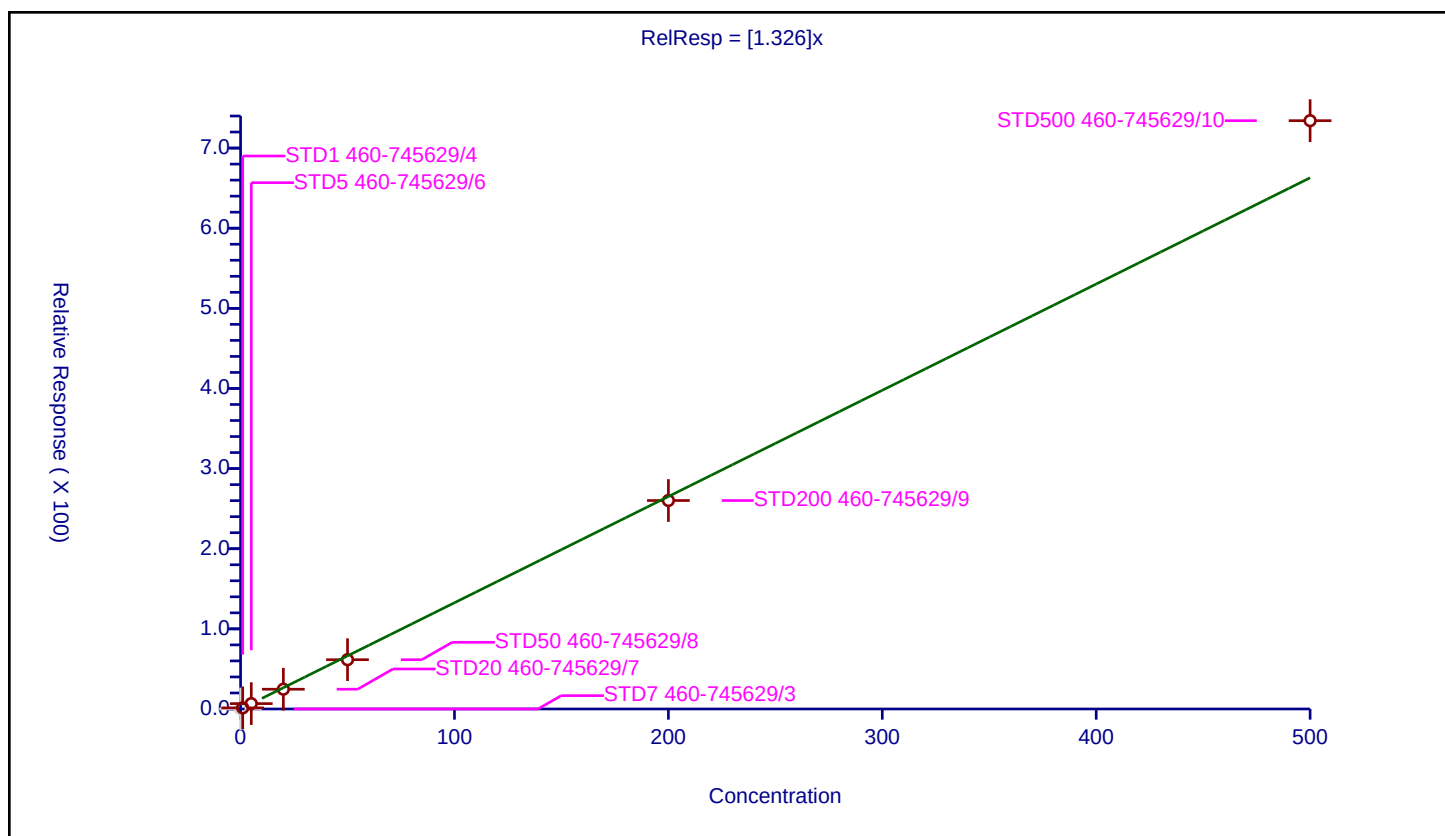
Curve Coefficients

Intercept: 0
 Slope: 1.326

Error Coefficients

Standard Error: 1960000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.380089	50.0	252520.0	1.380089	Y
3	STD5 460-745629/6	5.0	6.708705	50.0	253104.0	1.341741	Y
4	STD20 460-745629/7	20.0	24.66158	50.0	268527.0	1.233079	Y
5	STD50 460-745629/8	50.0	61.52216	50.0	255052.0	1.230443	Y
6	STD200 460-745629/9	200.0	260.169194	50.0	265139.0	1.300846	Y
7	STD500 460-745629/10	500.0	734.189062	50.0	281982.0	1.468378	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

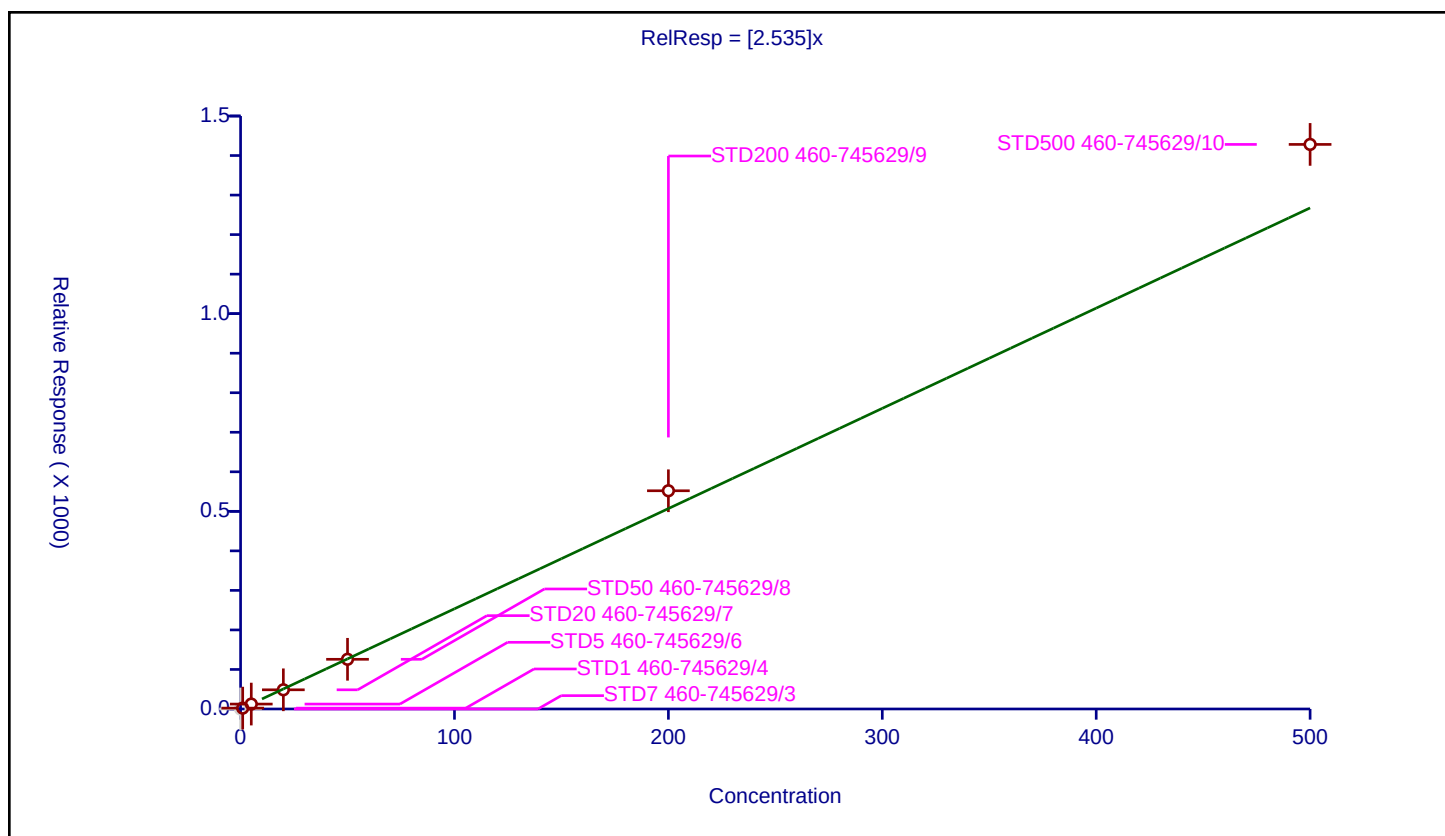
Curve Coefficients

Intercept: 0
 Slope: 2.535

Error Coefficients

Standard Error: 3840000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	2.160027	50.0	252520.0	2.160027	Y
3	STD5 460-745629/6	5.0	12.456342	50.0	253104.0	2.491268	Y
4	STD20 460-745629/7	20.0	48.548749	50.0	268527.0	2.427437	Y
5	STD50 460-745629/8	50.0	125.724558	50.0	255052.0	2.514491	Y
6	STD200 460-745629/9	200.0	552.007815	50.0	265139.0	2.760039	Y
7	STD500 460-745629/10	500.0	1428.132469	50.0	281982.0	2.856265	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

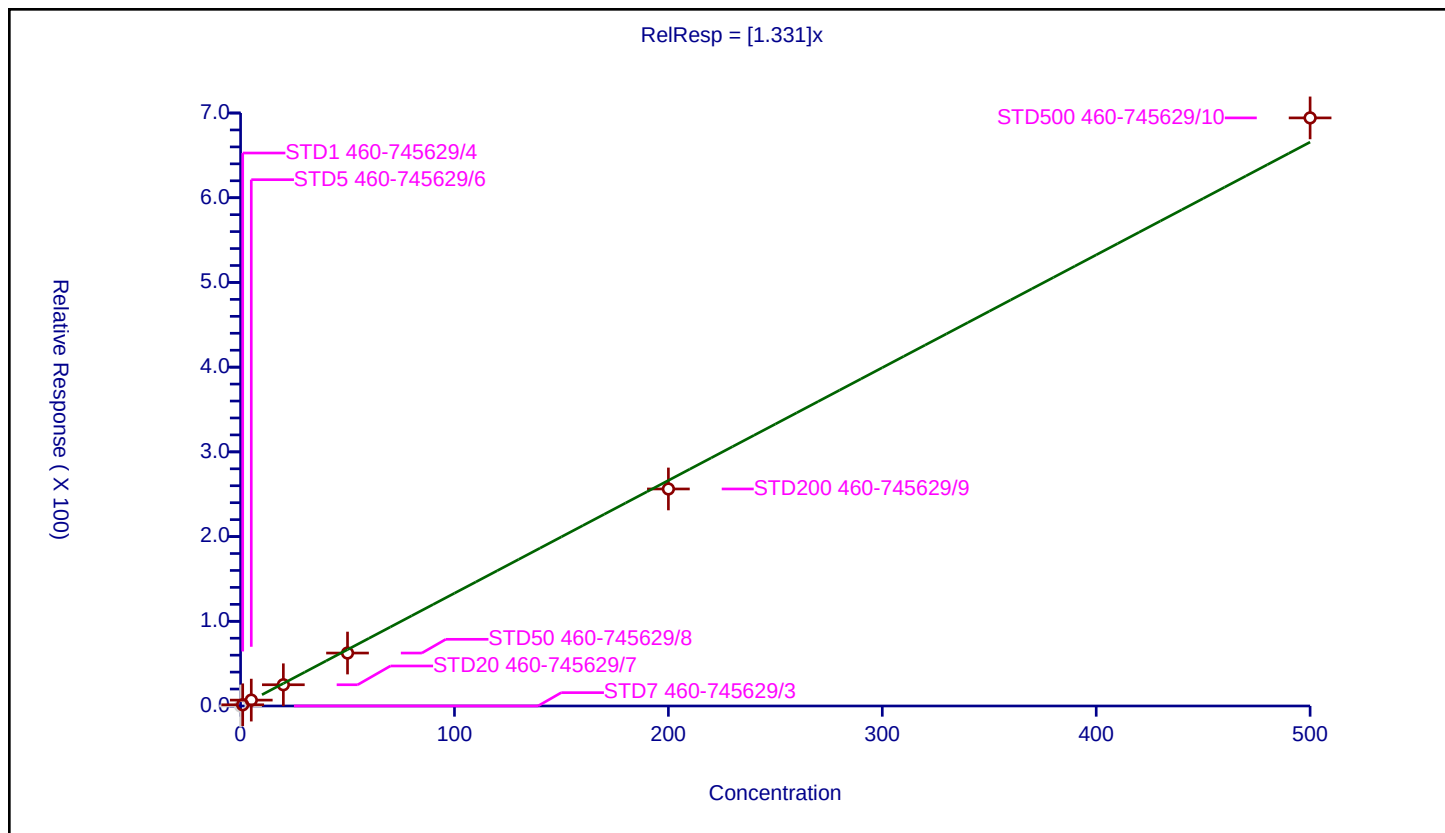
Curve Coefficients

Intercept: 0
 Slope: 1.331

Error Coefficients

Standard Error: 1860000
 Relative Standard Error: 5.9
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.424244	50.0	252520.0	1.424244	Y
3	STD5 460-745629/6	5.0	6.954256	50.0	253104.0	1.390851	Y
4	STD20 460-745629/7	20.0	25.063029	50.0	268527.0	1.253151	Y
5	STD50 460-745629/8	50.0	62.50941	50.0	255052.0	1.250188	Y
6	STD200 460-745629/9	200.0	256.186566	50.0	265139.0	1.280933	Y
7	STD500 460-745629/10	500.0	694.234738	50.0	281982.0	1.388469	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

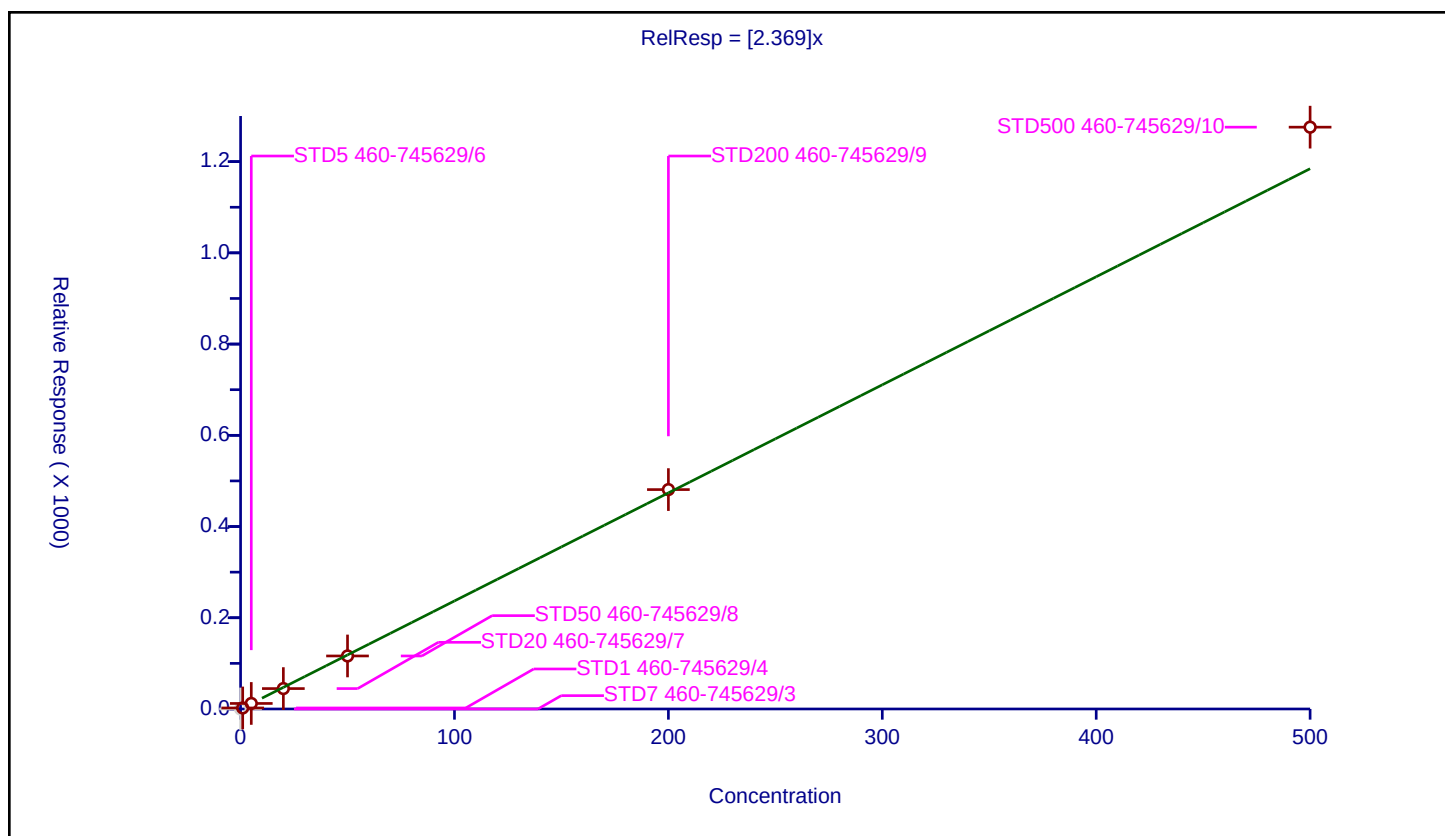
Curve Coefficients

Intercept: 0
 Slope: 2.369

Error Coefficients

Standard Error: 3420000
 Relative Standard Error: 4.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	2.266157	50.0	252520.0	2.266157	Y
3	STD5 460-745629/6	5.0	12.149946	50.0	253104.0	2.429989	Y
4	STD20 460-745629/7	20.0	44.740008	50.0	268527.0	2.237	Y
5	STD50 460-745629/8	50.0	116.223554	50.0	255052.0	2.324471	Y
6	STD200 460-745629/9	200.0	481.01939	50.0	265139.0	2.405097	Y
7	STD500 460-745629/10	500.0	1275.561029	50.0	281982.0	2.551122	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

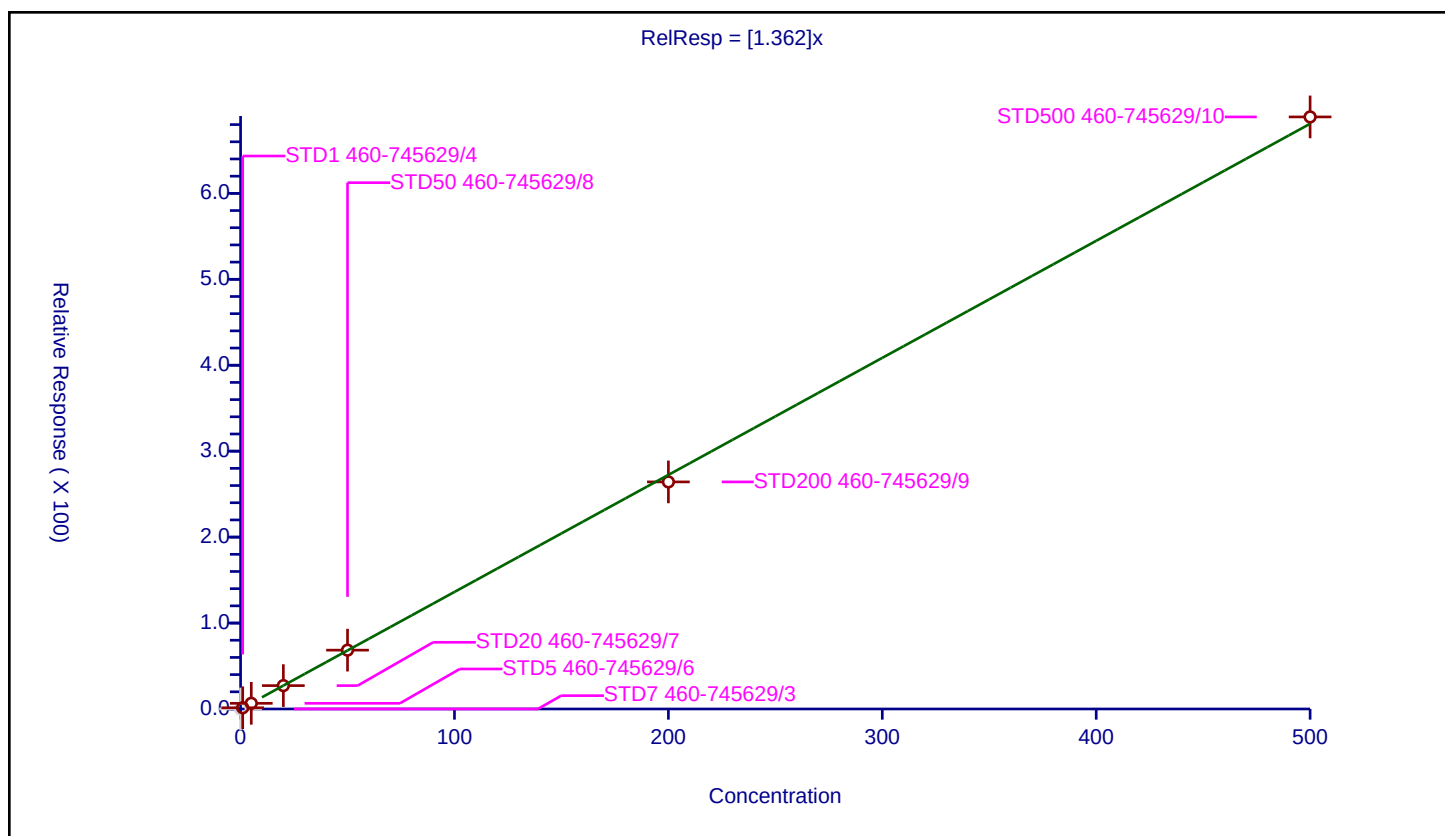
Curve Coefficients

Intercept: 0
Slope: 1.362

Error Coefficients

Standard Error: 1850000
Relative Standard Error: 2.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.421868	50.0	252520.0	1.421868	Y
3	STD5 460-745629/6	5.0	6.608153	50.0	253104.0	1.321631	Y
4	STD20 460-745629/7	20.0	27.188886	50.0	268527.0	1.359444	Y
5	STD50 460-745629/8	50.0	68.472115	50.0	255052.0	1.369442	Y
6	STD200 460-745629/9	200.0	264.233289	50.0	265139.0	1.321166	Y
7	STD500 460-745629/10	500.0	688.959047	50.0	281982.0	1.377918	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

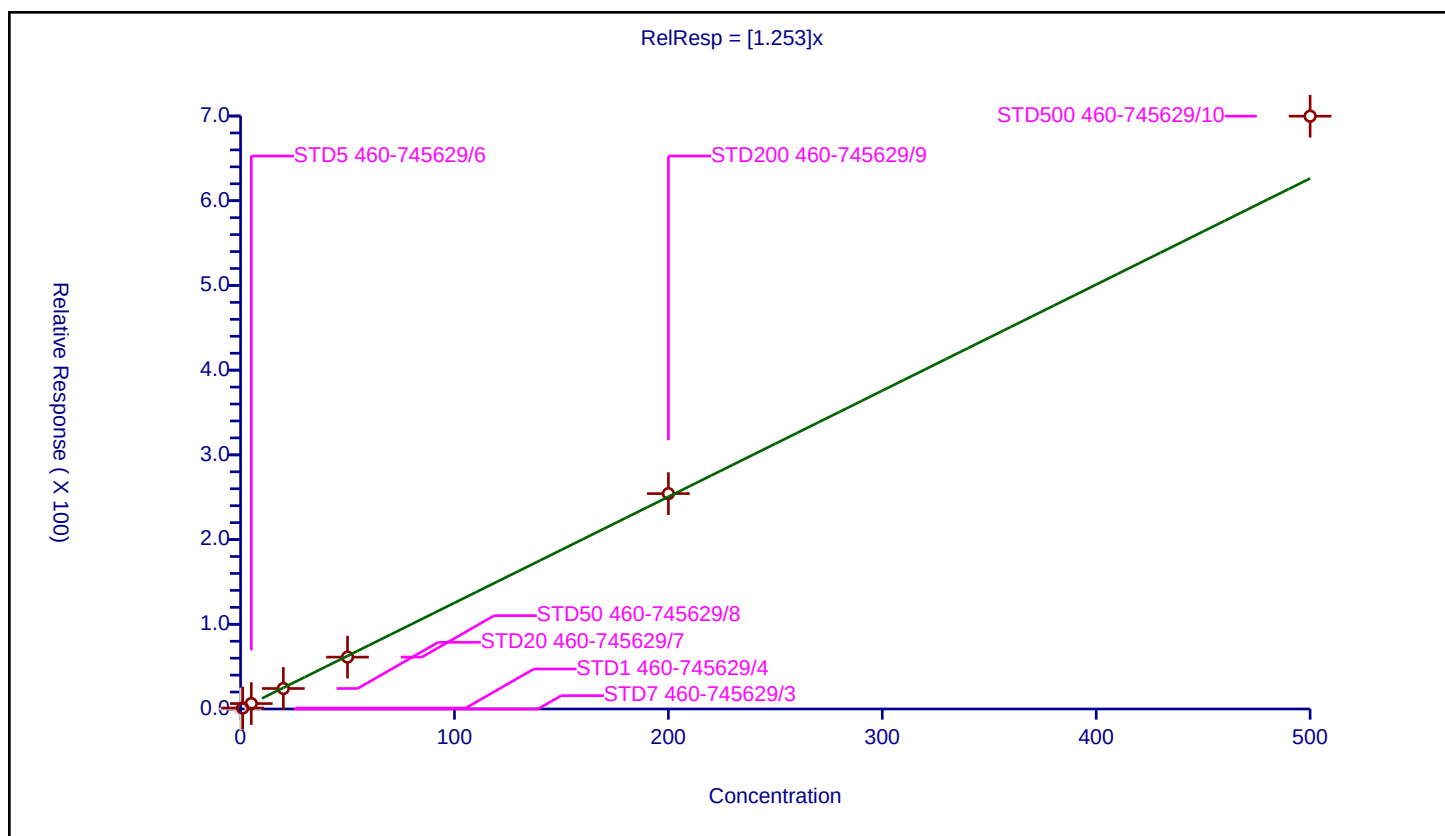
Curve Coefficients

Intercept: 0
 Slope: 1.253

Error Coefficients

Standard Error: 1870000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.129415	50.0	252520.0	1.129415	Y
3	STD5 460-745629/6	5.0	6.40547	50.0	253104.0	1.281094	Y
4	STD20 460-745629/7	20.0	24.186581	50.0	268527.0	1.209329	Y
5	STD50 460-745629/8	50.0	61.254176	50.0	255052.0	1.225084	Y
6	STD200 460-745629/9	200.0	254.248903	50.0	265139.0	1.271245	Y
7	STD500 460-745629/10	500.0	699.826053	50.0	281982.0	1.399652	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

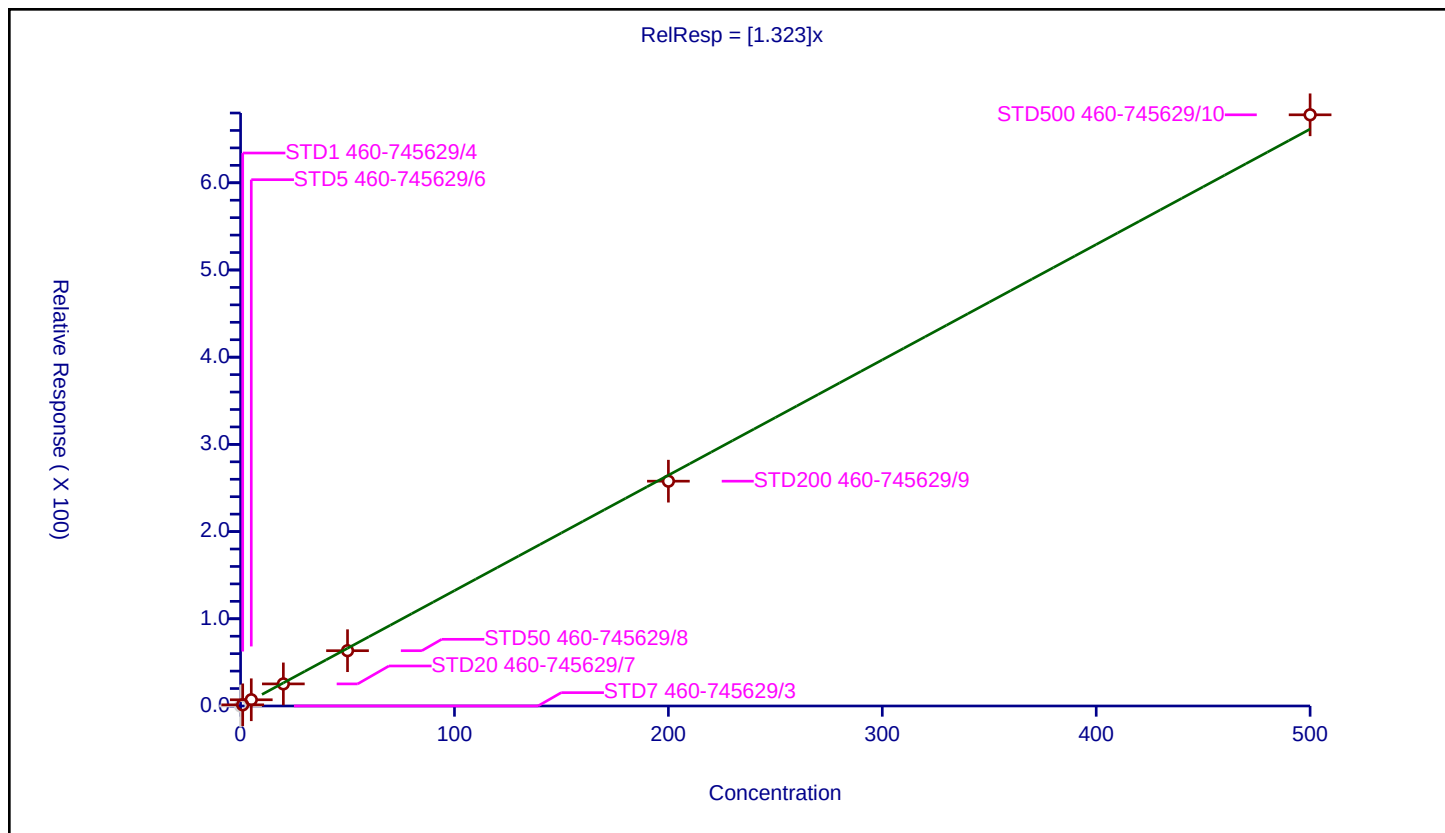
Curve Coefficients

Intercept: 0
 Slope: 1.323

Error Coefficients

Standard Error: 1820000
 Relative Standard Error: 4.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.328608	50.0	252520.0	1.328608	Y
3	STD5 460-745629/6	5.0	7.152593	50.0	253104.0	1.430519	Y
4	STD20 460-745629/7	20.0	25.324269	50.0	268527.0	1.266213	Y
5	STD50 460-745629/8	50.0	63.419812	50.0	255052.0	1.268396	Y
6	STD200 460-745629/9	200.0	257.795911	50.0	265139.0	1.28898	Y
7	STD500 460-745629/10	500.0	677.9626	50.0	281982.0	1.355925	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

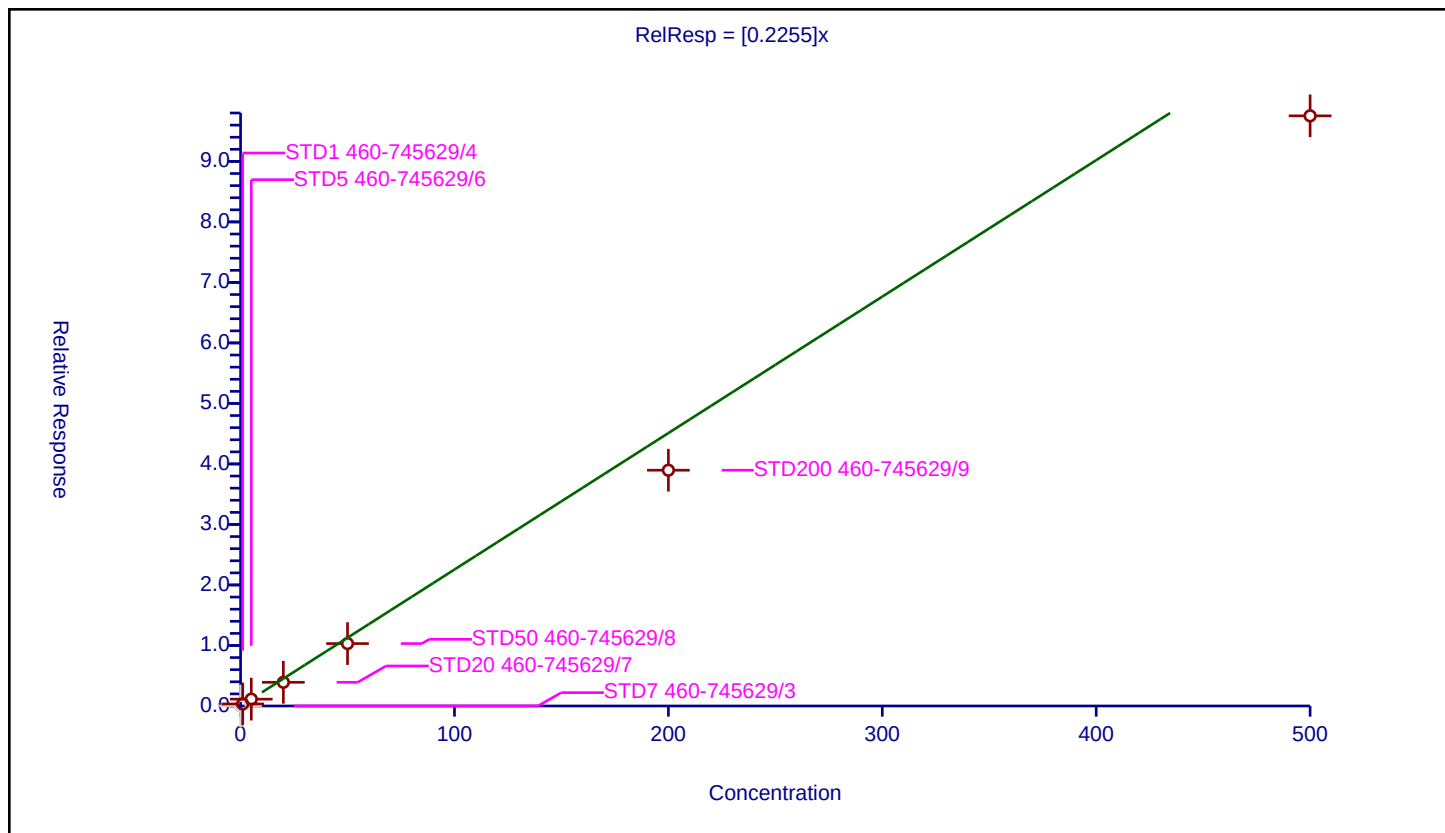
Curve Coefficients

Intercept: 0
 Slope: 0.2255

Error Coefficients

Standard Error: 264000
 Relative Standard Error: 24.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.911

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.335023	50.0	252520.0	0.335023	Y
3	STD5 460-745629/6	5.0	1.130168	50.0	253104.0	0.226034	Y
4	STD20 460-745629/7	20.0	3.917483	50.0	268527.0	0.195874	Y
5	STD50 460-745629/8	50.0	10.31574	50.0	255052.0	0.206315	Y
6	STD200 460-745629/9	200.0	38.967485	50.0	265139.0	0.194837	Y
7	STD500 460-745629/10	500.0	97.532112	50.0	281982.0	0.195064	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

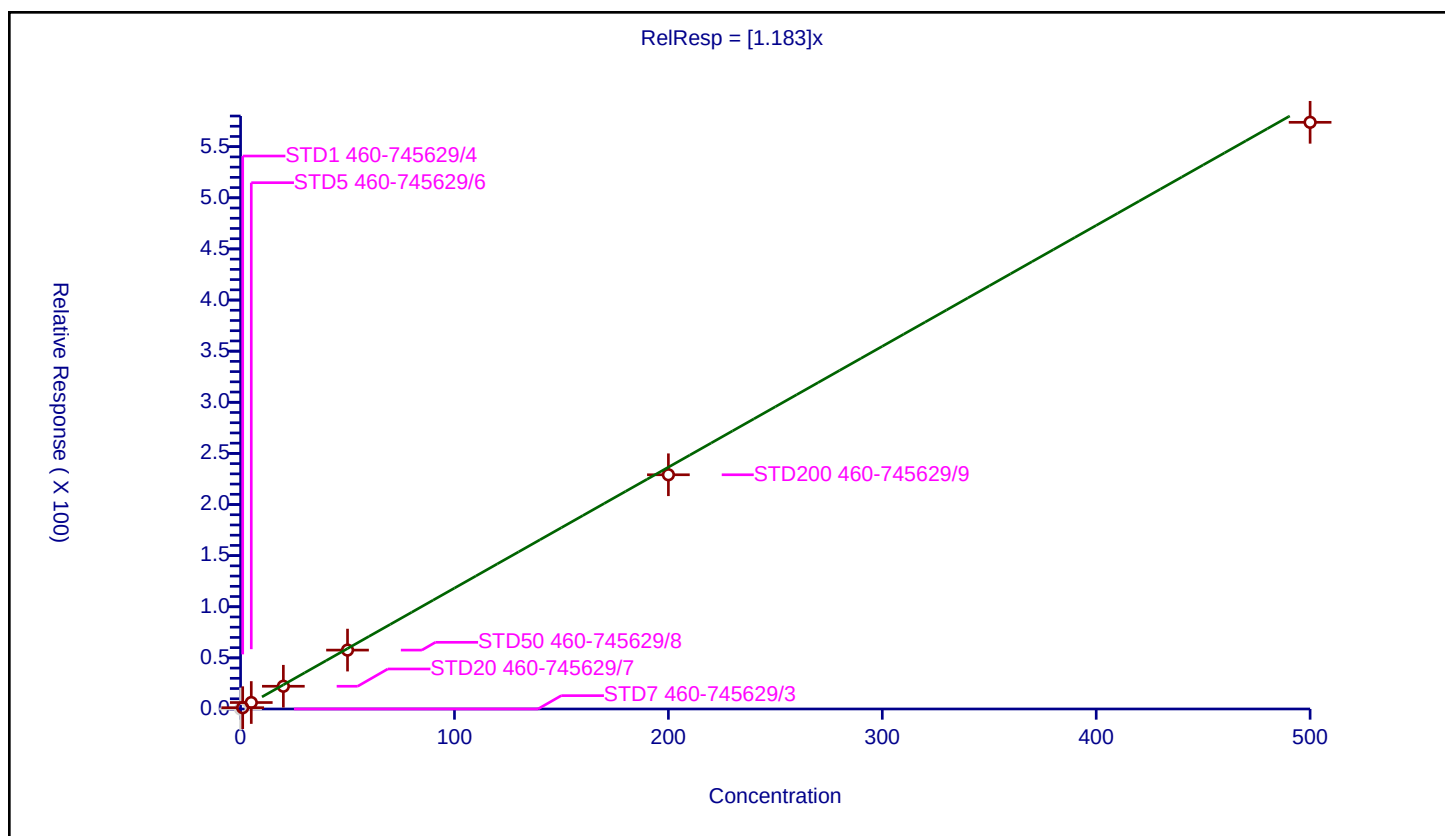
Curve Coefficients

Intercept: 0
 Slope: 1.183

Error Coefficients

Standard Error: 1550000
 Relative Standard Error: 5.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.274553	50.0	252520.0	1.274553	Y
3	STD5 460-745629/6	5.0	6.314005	50.0	253104.0	1.262801	Y
4	STD20 460-745629/7	20.0	22.24767	50.0	268527.0	1.112383	Y
5	STD50 460-745629/8	50.0	57.608448	50.0	255052.0	1.152169	Y
6	STD200 460-745629/9	200.0	229.098511	50.0	265139.0	1.145493	Y
7	STD500 460-745629/10	500.0	573.832727	50.0	281982.0	1.147665	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

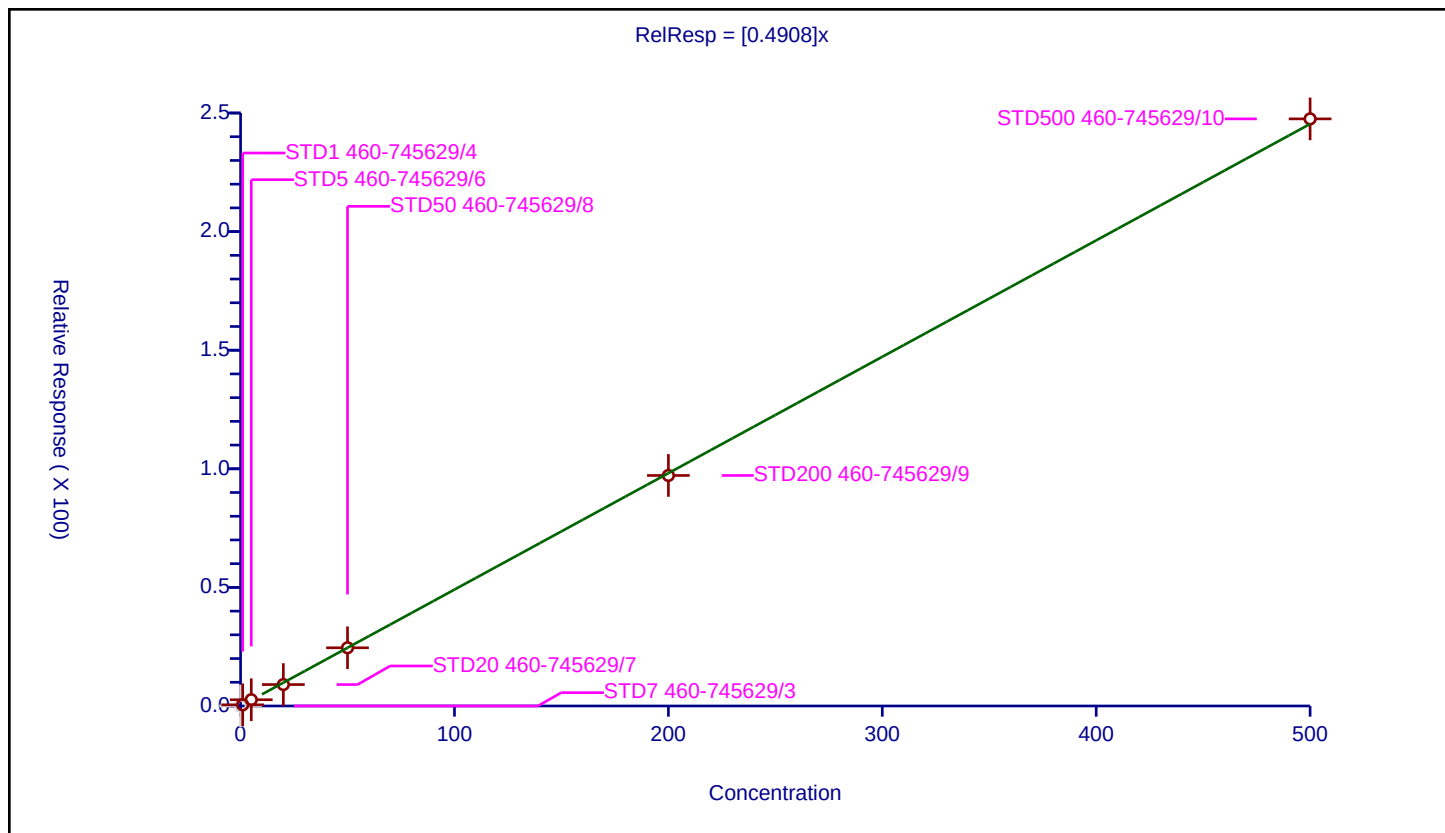
Curve Coefficients

Intercept: 0
 Slope: 0.4908

Error Coefficients

Standard Error: 668000
 Relative Standard Error: 4.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	0.493228	50.0	252520.0	0.493228	Y
3	STD5 460-745629/6	5.0	2.638244	50.0	253104.0	0.527649	Y
4	STD20 460-745629/7	20.0	9.036521	50.0	268527.0	0.451826	Y
5	STD50 460-745629/8	50.0	24.542838	50.0	255052.0	0.490857	Y
6	STD200 460-745629/9	200.0	97.191096	50.0	265139.0	0.485955	Y
7	STD500 460-745629/10	500.0	247.523423	50.0	281982.0	0.495047	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

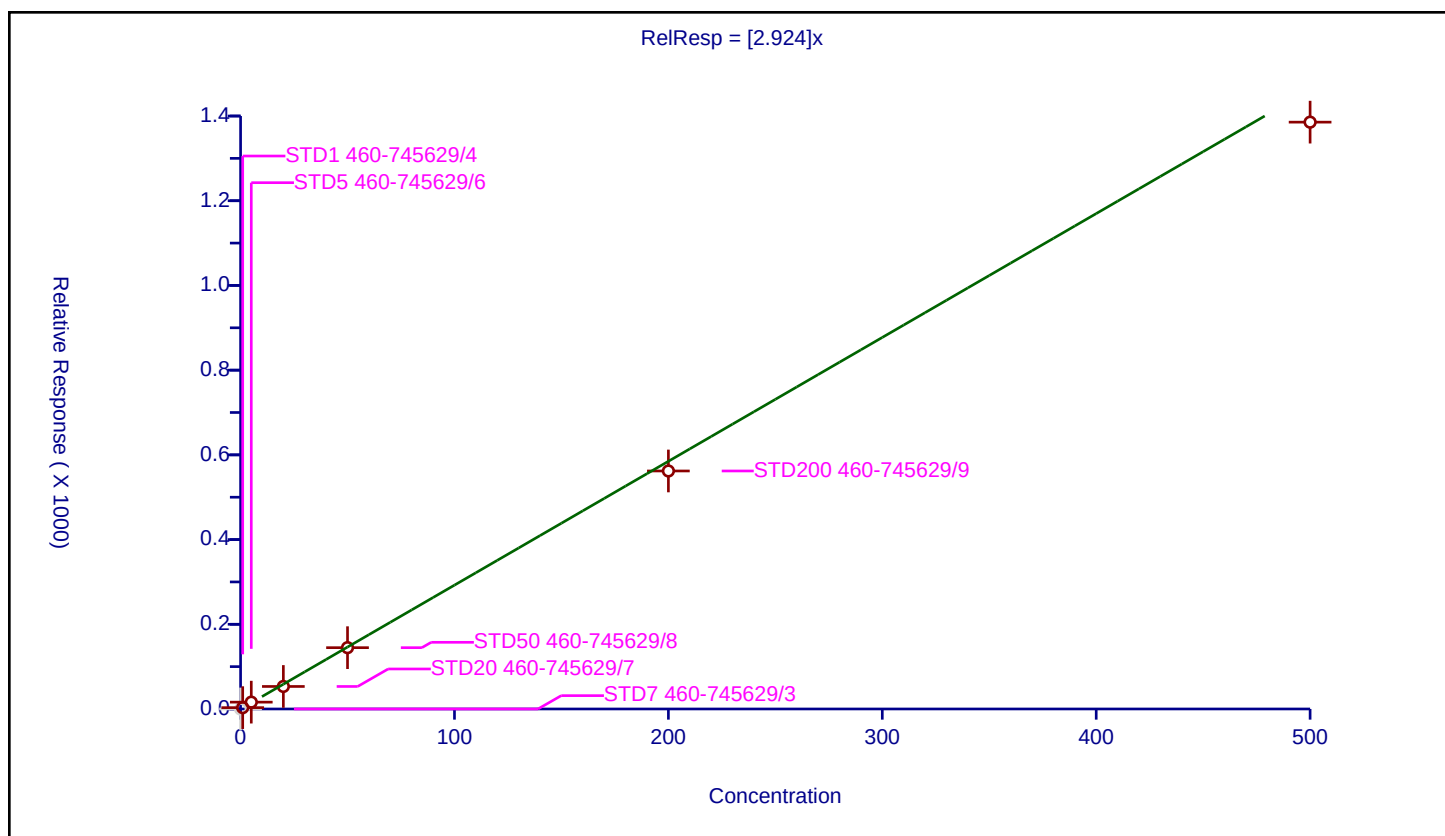
Curve Coefficients

Intercept: 0
 Slope: 2.924

Error Coefficients

Standard Error: 3760000
 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	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	3.1746	50.0	252520.0	3.1746	Y
3	STD5 460-745629/6	5.0	16.172206	50.0	253104.0	3.234441	Y
4	STD20 460-745629/7	20.0	53.183106	50.0	268527.0	2.659155	Y
5	STD50 460-745629/8	50.0	144.79812	50.0	255052.0	2.895962	Y
6	STD200 460-745629/9	200.0	561.926763	50.0	265139.0	2.809634	Y
7	STD500 460-745629/10	500.0	1385.502975	50.0	281982.0	2.771006	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

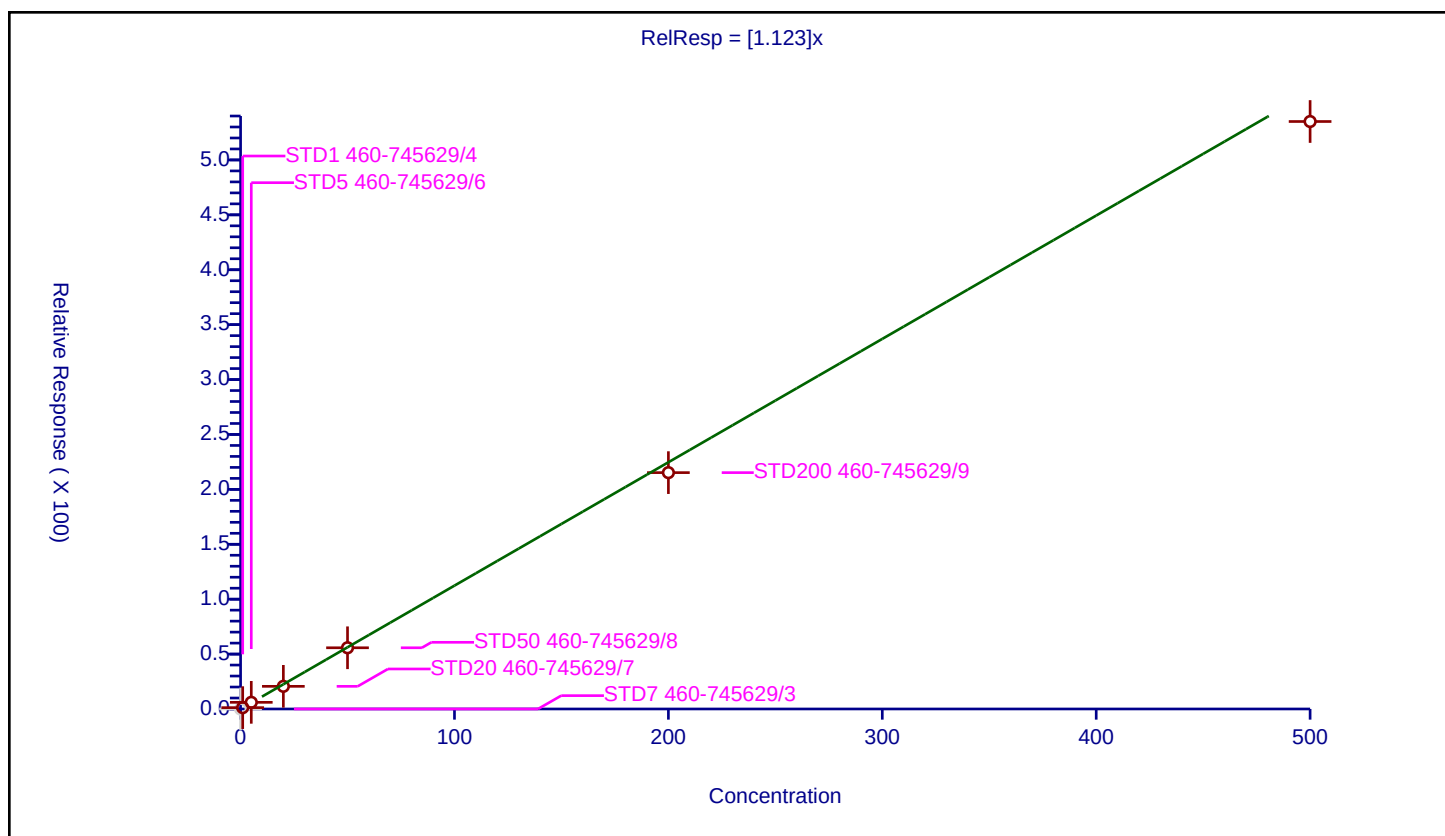
Curve Coefficients

Intercept: 0
 Slope: 1.123

Error Coefficients

Standard Error: 1450000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-745629/3	0.0	0.0	50.0	238073.0	NaN	N
2	STD1 460-745629/4	1.0	1.233368	50.0	252520.0	1.233368	Y
3	STD5 460-745629/6	5.0	6.070825	50.0	253104.0	1.214165	Y
4	STD20 460-745629/7	20.0	20.632003	50.0	268527.0	1.0316	Y
5	STD50 460-745629/8	50.0	55.753533	50.0	255052.0	1.115071	Y
6	STD200 460-745629/9	200.0	215.243325	50.0	265139.0	1.076217	Y
7	STD500 460-745629/10	500.0	534.993723	50.0	281982.0	1.069987	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Lab Sample ID: ICV 460-745629/18 Calibration Date: 12/10/2020 00:00

Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55

Lab File ID: F08564.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Dichlorodifluoromethane	Ave	0.3690	0.3570		19.3	20.0	97	60-140
Chloromethane	Ave	0.4038	0.3912		19.4	20.0	97	0.1-205
Butadiene	Ave	0.3648	0.3584		19.7	20.0	98	60-140
Vinyl chloride	Ave	0.4197	0.4476		21.3	20.0	107	5-195
Bromomethane	Ave	0.3895	0.4042		20.8	20.0	104	15-185
Ethyl Chloride	Ave	0.2942	0.2942		20.0	20.0	100	40-160
Trichlorofluoromethane	Ave	0.5914	0.5311		18.0	20.0	90	50-150
Pentane	Ave	2.122	2.038		38.4	40.0	96	60-140
Ethanol	Ave	0.0427	0.0463		866	800	108	60-140
Ethyl ether	Ave	0.1907	0.1730		18.1	20.0	91	60-140
2-Methyl-1,3-butadiene	Ave	0.1984	0.1865		18.8	20.0	94	60-140
Acrolein	Ave	0.8786	0.4382		20.0	40.1	50	10-150
Freon TF	Ave	0.2708	0.2453		18.1	20.0	91	60-140
1,1-Dichloroethene	Ave	0.2279	0.2338		20.5	20.0	103	50-150
Acetone	Ave	0.6655	0.6639		99.7	100	100	60-140
Iodomethane	Ave	0.4653	0.4802		20.6	20.0	103	60-140
Isopropyl alcohol	Ave	0.4835	0.5033		208	200	104	60-140
Carbon disulfide	Ave	0.8153	0.7902		19.4	20.0	97	60-140
3-Chloro-1-propene	Ave	0.3697	0.3492		18.9	20.0	94	60-140
Methyl acetate	Ave	0.1589	0.1534		38.6	40.0	97	60-140
Acetonitrile	Ave	1.162	1.317		227	200	113	60-140
Methylene Chloride	Ave	0.2785	0.2689		19.3	20.0	97	60-140
2-Methyl-2-propanol	Ave	0.8911	0.8689		195	200	98	60-140
MTBE	Ave	0.7098	0.7506		21.2	20.0	106	60-140
trans-1,2-Dichloroethene	Ave	0.2560	0.2514		19.6	20.0	98	70-130
Acrylonitrile	Ave	0.0982	0.0870		177	200	89	60-140
Hexane	Ave	0.1703	0.1722		20.2	20.0	101	60-140
Isopropyl ether	Ave	0.6178	0.6268		20.3	20.0	101	60-140
1,1-Dichloroethane	Ave	0.3956	0.3865		19.5	20.0	98	70-130
Vinyl acetate	Ave	0.0571	0.0529		37.0	40.0	93	60-140
2,2-Dichloropropane	Ave	0.0912	0.0967		21.2	20.0	106	60-140
cis-1,2-Dichloroethene	Ave	0.2636	0.2693		20.4	20.0	102	60-140
2-Butanone	Ave	0.2880	0.2969		103	100	103	60-140
Ethyl acetate	Ave	0.2309	0.2791		48.3	40.0	121	60-140
Chlorobromomethane	Ave	0.1519	0.1424		18.7	20.0	94	60-140
Tetrahydrofuran	Ave	0.3201	0.3557		44.5	40.0	111	60-140
Chloroform	Ave	0.4092	0.3993		19.5	20.0	98	70-135
Cyclohexane	Ave	0.4176	0.3979		19.1	20.0	95	60-140
1,1,1-Trichloroethane	Ave	0.4048	0.3852		19.0	20.0	95	70-130
Carbon tetrachloride	Ave	0.3592	0.3427		19.1	20.0	95	70-130
1,1-Dichloropropene	Ave	0.3077	0.2858		18.6	20.0	93	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Lab Sample ID: ICV 460-745629/18 Calibration Date: 12/10/2020 00:00

Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55

Lab File ID: F08564.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Benzene	Ave	1.150	1.128		19.6	20.0	98	65-135
Isopropyl acetate	Ave	0.5916	0.5822		19.7	20.0	98	60-140
1,2-Dichloroethane	Ave	0.2961	0.2882		19.5	20.0	97	70-130
n-Heptane	Ave	0.1608	0.1633		20.3	20.0	102	60-140
n-Butanol	Ave	0.2225	0.2109		474	500	95	60-140
Trichloroethene	Ave	0.2288	0.2237		19.6	20.0	98	65-135
Ethyl acrylate	Ave	0.5594	0.5325		19.0	20.0	95	60-140
Methylcyclohexane	Ave	0.4519	0.4405		19.5	20.0	97	60-140
1,2-Dichloropropane	Ave	0.2106	0.2142		20.3	20.0	102	35-165
Methyl methacrylate	Ave	0.0693	0.0686		39.6	40.0	99	60-140
1,4-Dioxane	Ave	1.083	1.035		382	400	96	60-140
Dibromomethane	Ave	0.1563	0.1542		19.7	20.0	99	60-140
n-Propyl acetate	Ave	0.2886	0.2678		18.6	20.0	93	60-140
Bromodichloromethane	Ave	0.2873	0.3056		21.3	20.0	106	65-135
2-Chloroethyl vinyl ether	Ave	0.1344	0.1207		18.0	20.0	90	0.1-225
Epichlorohydrin	Ave	0.2335	0.2909		24.9	20.0	125	60-140
cis-1,3-Dichloropropene	Ave	0.4635	0.4703		20.3	20.0	101	25-175
4-Methyl-2-pentanone	Ave	1.915	1.978		103	100	103	60-140
Toluene	Ave	1.234	1.203		19.5	20.0	98	70-130
trans-1,3-Dichloropropene	Ave	0.4287	0.4022		18.8	20.0	94	50-150
1,1,2-Trichloroethane	Ave	0.2066	0.2148		20.8	20.0	104	70-130
Tetrachloroethene	Ave	0.3574	0.3520		19.7	20.0	98	70-130
1,3-Dichloropropane	Ave	0.4314	0.4261		19.8	20.0	99	60-140
2-Hexanone	Ave	1.226	1.280		104	100	104	60-140
n-Butyl acetate	Ave	0.3981	0.3686		18.5	20.0	93	60-140
Dibromochloromethane	Ave	0.3074	0.3182		20.7	20.0	104	70-135
1,2-Dibromoethane	Ave	0.2834	0.2729		19.3	20.0	96	60-140
Chlorobenzene	Ave	0.8375	0.8238		19.7	20.0	98	65-135
Ethylbenzene	Ave	0.4600	0.4448		19.3	20.0	97	60-140
1,1,1,2-Tetrachloroethane	Ave	0.3506	0.3429		19.6	20.0	98	60-140
m-Xylene & p-Xylene	Ave	0.5538	0.5585		20.2	20.0	101	60-140
n-Butyl acrylate	Ave	0.2316	0.2192		18.9	20.0	95	60-140
o-Xylene	Ave	0.5760	0.5819		20.2	20.0	101	60-140
Styrene	Ave	0.9109	0.9101		20.0	20.0	100	60-140
Amyl acetate (mixed isomers)	Ave	0.8507	0.7769		18.3	20.0	91	60-140
Bromoform	Ave	0.2463	0.2299		18.7	20.0	93	70-130
Isopropylbenzene	Ave	1.537	1.539		20.0	20.0	100	60-140
Bromobenzene	Ave	0.6545	0.6194		18.9	20.0	95	60-140
1,1,2,2-Tetrachloroethane	Ave	0.6095	0.5769		18.9	20.0	95	60-140
N-Propylbenzene	Ave	2.808	2.703		19.3	20.0	96	60-140
1,2,3-Trichloropropane	Ave	0.1984	0.1951		19.7	20.0	98	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Lab Sample ID: ICV 460-745629/18 Calibration Date: 12/10/2020 00:00
 Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55
 Lab File ID: F08564.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2-Chlorotoluene	Ave	1.921	1.833		19.1	20.0	95	60-140
1,3,5-Trimethylbenzene	Ave	2.120	2.032		19.2	20.0	96	60-140
4-Chlorotoluene	Ave	1.737	1.635		18.8	20.0	94	60-140
Butyl Methacrylate	Ave	0.6560	0.6497		19.8	20.0	99	60-140
tert-Butylbenzene	Ave	1.830	1.754		19.2	20.0	96	60-140
1,2,4-Trimethylbenzene	Ave	2.169	2.126		19.6	20.0	98	60-140
sec-Butylbenzene	Ave	2.788	2.709		19.4	20.0	97	60-140
1,3-Dichlorobenzene	Ave	1.326	1.260		19.0	20.0	95	70-130
4-Isopropyltoluene	Ave	2.535	2.442		19.3	20.0	96	60-140
1,4-Dichlorobenzene	Ave	1.331	1.304		19.6	20.0	98	65-135
1,2,3-Trimethylbenzene	Ave	2.369	2.278		19.2	20.0	96	60-140
Benzyl chloride	Ave	1.362	1.457		21.4	20.0	107	60-140
n-Butylbenzene	Ave	1.253	1.206		19.2	20.0	96	60-140
1,2-Dichlorobenzene	Ave	1.323	1.303		19.7	20.0	99	65-135
1,2-Dibromo-3-Chloropropane	Ave	0.2255	0.1910		16.9	20.0	85	60-140
1,2,4-Trichlorobenzene	Ave	1.183	1.156		19.6	20.0	98	60-140
Hexachlorobutadiene	Ave	0.4908	0.4750		19.4	20.0	97	60-140
Naphthalene	Ave	2.924	2.677		18.3	20.0	92	60-140
1,2,3-Trichlorobenzene	Ave	1.123	1.083		19.3	20.0	96	60-140
Dibromofluoromethane (Surr)	Ave	0.2553	0.2547		49.9	50.0	100	60-140
1,2-Dichloroethane-d4 (Surr)	Ave	0.2753	0.2615		47.5	50.0	95	60-140
Toluene-d8 (Surr)	Ave	1.170	1.177		50.3	50.0	101	60-140
Bromofluorobenzene	Ave	0.4320	0.4364		50.5	50.0	101	60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08564.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 10-Dec-2020 00:00:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0121321-018
 Operator ID: Instrument ID: CVOAMS6
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 10-Dec-2020 17:05:43 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1616

First Level Reviewer: baronm

Date: 10-Dec-2020 10:19:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.566	-0.008	97	71610	20.0	19.3	
2 Chloromethane	50	1.730	1.730	0.000	99	78484	20.0	19.4	
3 Butadiene	54	1.804	1.812	-0.008	87	71902	20.0	19.7	
4 Vinyl chloride	62	1.804	1.812	-0.008	98	89790	20.0	21.3	
5 Bromomethane	94	2.084	2.084	0.000	98	81080	20.0	20.8	
6 Chloroethane	64	2.133	2.141	-0.008	99	59021	20.0	20.0	
7 Dichlorofluoromethane	67	2.289	2.297	-0.008	99	126648	NC	NC	
8 Trichlorofluoromethane	101	2.289	2.306	-0.017	81	106550	20.0	18.0	
9 Pentane	72	2.322	2.322	0.000	99	22428	40.0	38.4	
11 Ethanol	46	2.486	2.503	-0.017	81	10179	800.0	865.9	
10 Ethyl ether	59	2.494	2.503	-0.009	93	34711	20.0	18.1	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	97	37412	20.0	18.8	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	90	48246	NC	NC	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.610	2.618	-0.008	90	69470	NC	NC	
15 Acrolein	56	2.659	2.667	-0.008	27	4828	40.1	20.0	M
16 112TCTFE	101	2.692	2.683	0.009	56	49206	20.0	18.1	
17 1,1-Dichloroethene	96	2.700	2.700	0.000	99	46900	20.0	20.5	
18 Acetone	43	2.766	2.774	-0.008	88	63919	100.0	99.7	
19 Iodomethane	142	2.848	2.856	-0.008	97	96339	20.0	20.6	
20 Isopropyl alcohol	45	2.856	2.856	0.000	39	27691	200.0	208.2	
21 Carbon disulfide	76	2.881	2.889	-0.008	100	158529	20.0	19.4	
22 3-Chloro-1-propene	41	2.987	2.996	-0.009	97	70043	20.0	18.9	
23 Methyl acetate	43	2.996	3.004	-0.008	98	61546	40.0	38.6	
24 Cyclopentene	67	3.004	3.020	-0.016	93	114149	NC	NC	
25 Acetonitrile	41	3.045	3.053	-0.008	94	72451	200.0	226.7	a
* 27 TBA-d9 (IS)	65	3.103	3.111	-0.008	0	275082	1000.0	1000.0	
26 Methylene Chloride	84	3.111	3.119	-0.008	89	53938	20.0	19.3	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	29	47805	200.0	195.0	a
29 Methyl tert-butyl ether	73	3.267	3.275	-0.008	96	150576	20.0	21.2	
30 trans-1,2-Dichloroethene	96	3.283	3.292	-0.009	93	50427	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.349	3.357	-0.008	95	174612	200.0	177.4	
32 Hexane	43	3.431	3.439	-0.008	91	34552	20.0	20.2	
33 Isopropyl ether	45	3.637	3.637	0.000	90	125734	20.0	20.3	
34 1,1-Dichloroethane	63	3.661	3.670	-0.009	99	77542	20.0	19.5	
35 Vinyl acetate	86	3.670	3.678	-0.008	99	21220	40.0	37.0	
36 2-Chloro-1,3-butadiene	88	3.702	3.711	-0.009	91	41101	NC	NC	
37 Tert-butyl ethyl ether	59	3.941	3.949	-0.008	90	137161	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.130	-0.009	0	240711	250.0	250.0	
39 2,2-Dichloropropane	97	4.146	4.154	-0.008	91	19405	20.0	21.2	
40 cis-1,2-Dichloroethene	96	4.163	4.163	-0.001	98	54028	20.0	20.4	
42 2-Butanone (MEK)	72	4.171	4.179	-0.008	98	28584	100.0	103.1	
41 Ethyl acetate	70	4.179	4.179	0.000	94	10748	40.0	48.3	
43 Methyl acrylate	55	4.228	4.236	-0.008	99	36177	NC	NC	
44 Propionitrile	54	4.302	4.310	-0.008	98	65419	NC	NC	
46 Tetrahydrofuran	72	4.376	4.376	0.000	66	13700	40.0	44.5	
45 Chlorobromomethane	128	4.376	4.384	-0.008	85	28558	20.0	18.7	
47 Methacrylonitrile	67	4.401	4.409	-0.008	89	191746	NC	NC	
48 Chloroform	83	4.425	4.434	-0.009	99	80103	20.0	19.5	
49 Cyclohexane	84	4.565	4.573	-0.008	88	79813	20.0	19.1	
50 1,1,1-Trichloroethane	97	4.573	4.582	-0.009	96	77264	20.0	19.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.582	4.582	0.000	98	127735	50.0	49.9	
52 Carbon tetrachloride	117	4.697	4.697	0.000	98	68754	20.0	19.1	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	97	57341	20.0	18.6	
54 Isobutyl alcohol	43	4.828	4.836	-0.008	98	42390	NC	NC	
55 Benzene	78	4.910	4.910	0.000	97	174620	20.0	19.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.927	-0.009	0	131169	50.0	47.5	
57 Isopropyl acetate	43	4.968	4.968	0.000	95	116802	20.0	19.7	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	92	146451	NC	NC	
59 1,2-Dichloroethane	62	4.992	5.001	-0.009	96	57813	20.0	19.5	
60 n-Heptane	57	5.058	5.066	-0.008	93	32758	20.0	20.3	
* 61 Fluorobenzene	96	5.190	5.190	0.000	99	501518	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	89	29009	500.0	474.0	
63 Trichloroethene	95	5.535	5.535	0.000	96	44879	20.0	19.6	
64 Ethyl acrylate	55	5.658	5.658	0.000	97	106821	20.0	19.0	
65 Methylcyclohexane	83	5.658	5.666	-0.008	85	88377	20.0	19.5	
66 1,2-Dichloropropane	63	5.814	5.822	-0.008	88	42964	20.0	20.3	
* 67 1,4-Dioxane-d8	96	5.872	5.872	0.000	0	30284	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	82	27517	40.0	39.6	
71 1,4-Dioxane	88	5.929	5.929	0.000	42	12541	400.0	382.3	
69 Dibromomethane	93	5.937	5.946	-0.009	94	30942	20.0	19.7	
70 n-Propyl acetate	43	5.946	5.954	-0.008	96	53713	20.0	18.6	
72 Dichlorobromomethane	83	6.085	6.094	-0.009	99	61315	20.0	21.3	
74 2-Nitropropane	41	6.422	6.422	0.000	88	23270	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.422	6.430	-0.008	89	24220	20.0	18.0	
75 Epichlorohydrin	57	6.529	6.529	0.000	94	5601	20.0	24.9	
76 cis-1,3-Dichloropropene	75	6.587	6.587	0.000	93	72794	20.0	20.3	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	190481	100.0	103.3	
\$ 78 Toluene-d8 (Surr)	98	6.825	6.833	-0.008	100	455562	50.0	50.3	
79 Toluene	91	6.899	6.907	-0.008	94	186254	20.0	19.5	
80 trans-1,3-Dichloropropene	75	7.244	7.252	-0.008	97	62253	20.0	18.8	
81 Ethyl methacrylate	69	7.285	7.285	0.000	87	55247	NC	NC	
82 1,1,2-Trichloroethane	83	7.457	7.466	-0.009	95	33245	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.507	7.507	0.000	97	54483	20.0	19.7	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	92	65953	20.0	19.8	
85 2-Hexanone	43	7.737	7.737	0.000	93	123265	100.0	104.4	
86 n-Butyl acetate	43	7.852	7.860	-0.008	98	57049	20.0	18.5	
87 Chlorodibromomethane	129	7.893	7.901	-0.008	97	49246	20.0	20.7	
88 Ethylene Dibromide	107	8.049	8.057	-0.008	99	42236	20.0	19.3	
* 89 Chlorobenzene-d5	117	8.591	8.600	-0.009	84	386943	50.0	50.0	
90 Chlorobenzene	112	8.633	8.633	-0.001	97	127507	20.0	19.7	
91 Ethylbenzene	106	8.739	8.739	0.000	98	68852	20.0	19.3	
92 1,1,1,2-Tetrachloroethane	131	8.748	8.756	-0.008	94	53077	20.0	19.6	
93 m-Xylene & p-Xylene	106	8.895	8.904	-0.009	0	86438	20.0	20.2	
94 n-Butyl acrylate	73	9.372	9.372	0.000	97	33934	20.0	18.9	
95 o-Xylene	106	9.380	9.380	0.000	95	90065	20.0	20.2	
96 Styrene	104	9.413	9.413	0.000	97	140868	20.0	20.0	
97 Amyl acetate (mixed isomers)	43	9.610	9.610	0.000	92	76769	20.0	18.3	
98 Bromoform	173	9.619	9.619	0.000	97	35589	20.0	18.7	
99 Isopropylbenzene	105	9.742	9.750	-0.008	95	238220	20.0	20.0	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	97	168871	50.0	50.5	
101 Bromobenzene	156	10.046	10.054	-0.008	92	61202	20.0	18.9	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	96	57008	20.0	18.9	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	267108	20.0	19.3	
104 1,2,3-Trichloropropane	110	10.128	10.136	-0.008	96	19274	20.0	19.7	
105 trans-1,4-Dichloro-2-butene	53	10.153	10.153	0.000	80	15541	NC	NC	a
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	181096	20.0	19.1	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	232137	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	94	200833	20.0	19.2	
109 4-Chlorotoluene	91	10.301	10.309	-0.008	96	161573	20.0	18.8	
110 Butyl Methacrylate	87	10.358	10.358	0.000	88	64202	20.0	19.8	
111 tert-Butylbenzene	119	10.514	10.514	0.000	96	173282	20.0	19.2	
112 1,2,4-Trimethylbenzene	105	10.563	10.564	-0.001	96	210064	20.0	19.6	
113 sec-Butylbenzene	105	10.679	10.679	0.000	99	267647	20.0	19.4	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	98	124530	20.0	19.0	
115 4-Isopropyltoluene	119	10.777	10.785	-0.008	98	241254	20.0	19.3	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	0.000	93	247031	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	97	128832	20.0	19.6	
118 1,2,3-Trimethylbenzene	105	10.859	10.868	-0.009	98	225101	20.0	19.2	
119 Benzyl chloride	91	10.950	10.950	0.000	99	144007	20.0	21.4	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	95	226188	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	95	133711	NC	NC	
122 n-Butylbenzene	92	11.057	11.057	0.000	97	119120	20.0	19.2	
123 1,2-Dichlorobenzene	146	11.098	11.098	0.000	97	128784	20.0	19.7	
124 1,2,4,5-Tetramethylbenzene	119	11.517	11.525	-0.008	98	247484	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.582	11.591	-0.009	92	18873	20.0	16.9	
126 1,3,5-Trichlorobenzene	180	11.665	11.673	-0.008	98	116470	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.051	12.059	-0.008	94	114272	20.0	19.6	
128 Hexachlorobutadiene	225	12.125	12.125	0.000	95	46934	20.0	19.4	
129 Naphthalene	128	12.215	12.223	-0.008	99	264538	20.0	18.3	
130 1,2,3-Trichlorobenzene	180	12.371	12.379	-0.008	95	106969	20.0	19.3	
S 131 1,2-Dichloroethene, Total	100				0		40.0	40.1	
S 132 Xylenes, Total	100				0		40.0	40.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00386	Amount Added: 20.00	Units: uL	
8260 SP_00133	Amount Added: 20.00	Units: uL	
8FreonsSS_00027	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00119	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08564.D

Injection Date: 10-Dec-2020 00:00:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: ICV

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

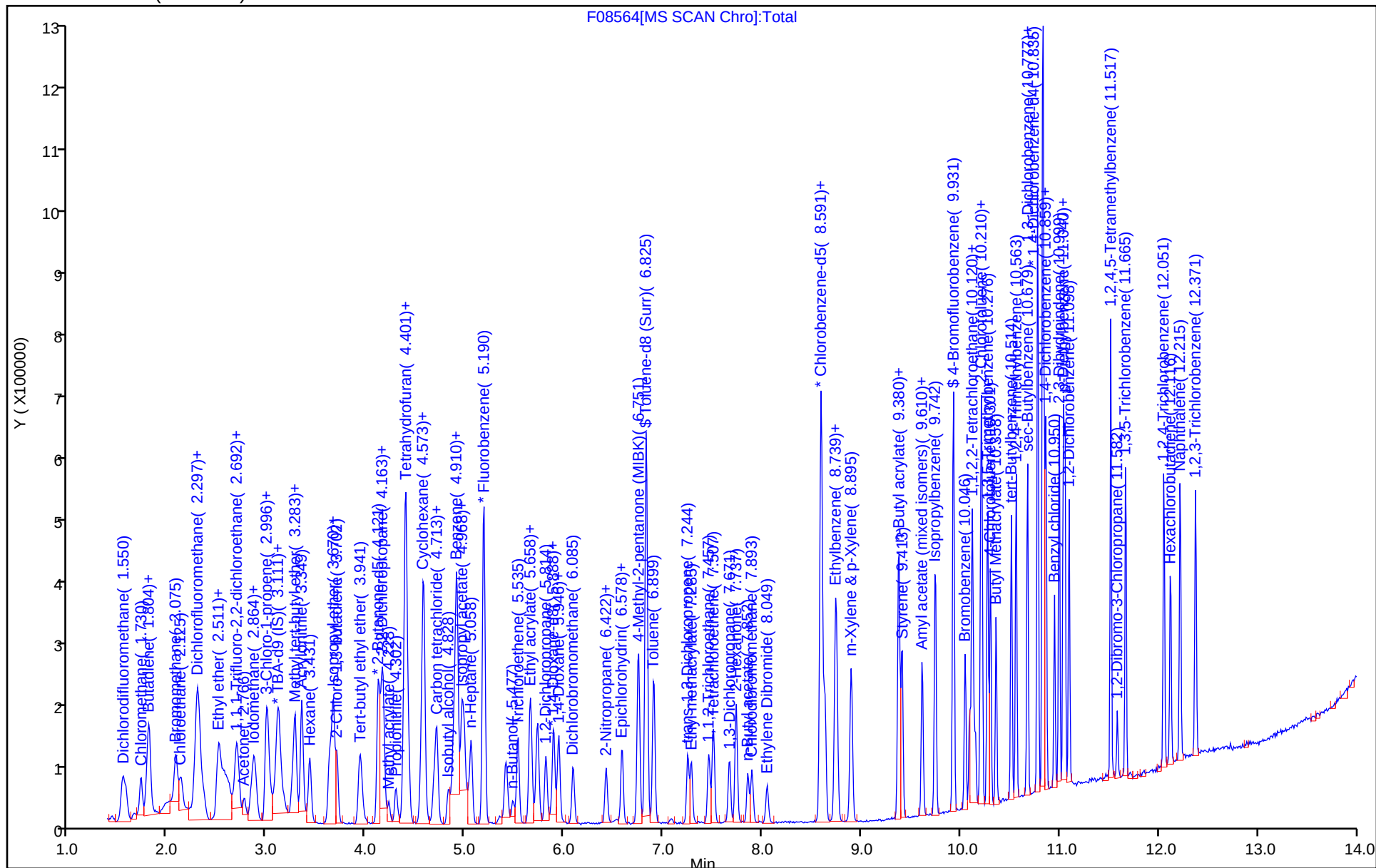
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08564.D

Injection Date: 10-Dec-2020 00:00:30

Instrument ID: CVOAMS6

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

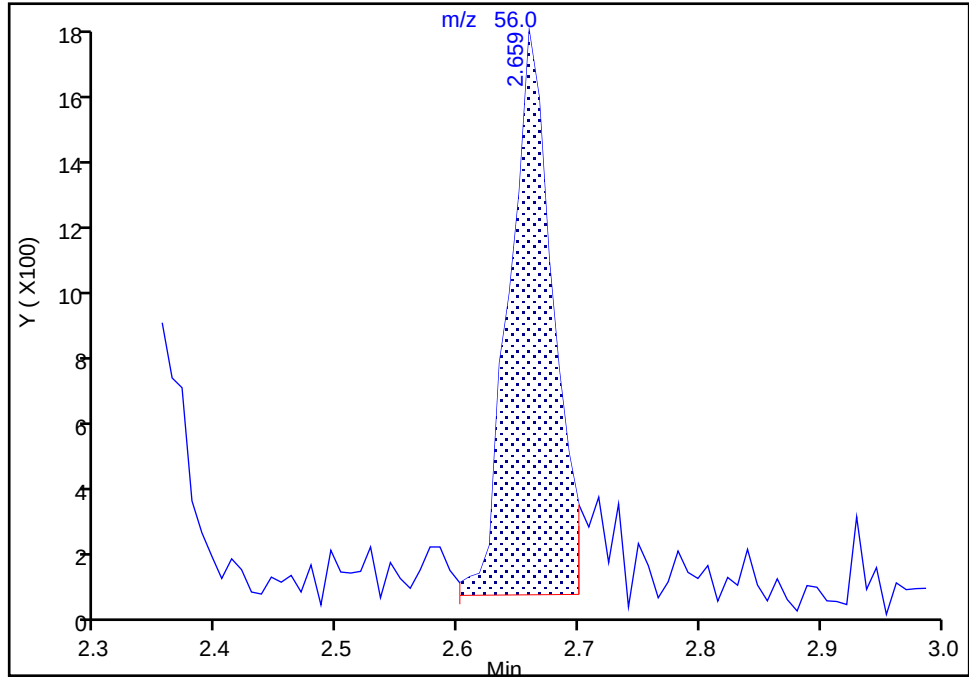
MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

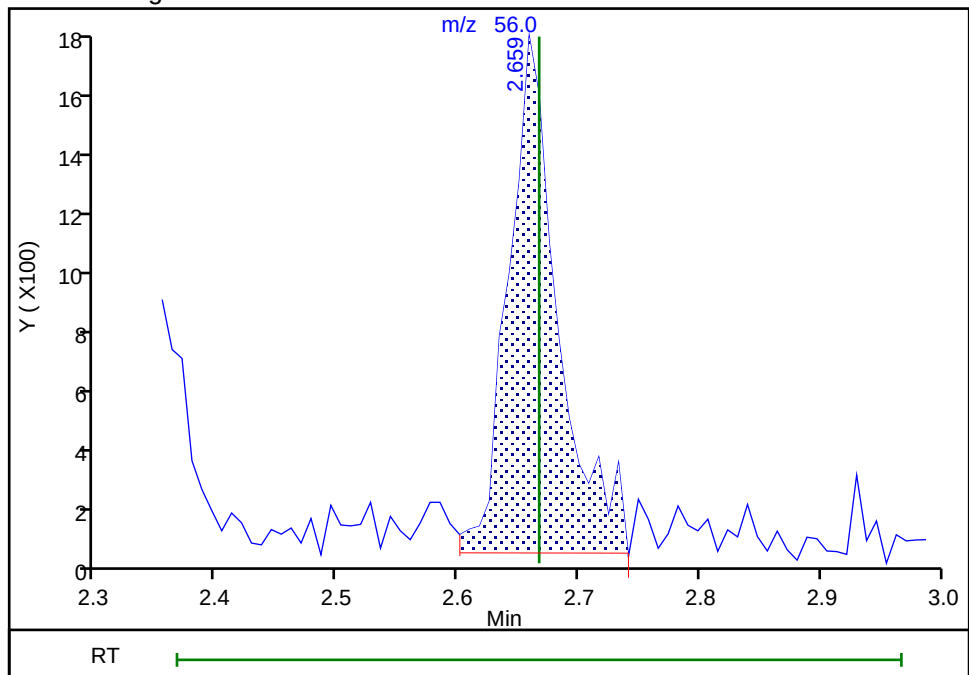
RT: 2.66
Area: 4212
Amount: 17.426711
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 4828
Amount: 19.975347
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Dec-2020 17:03:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08564.D

Injection Date: 10-Dec-2020 00:00:30

Instrument ID: CVOAMS6

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

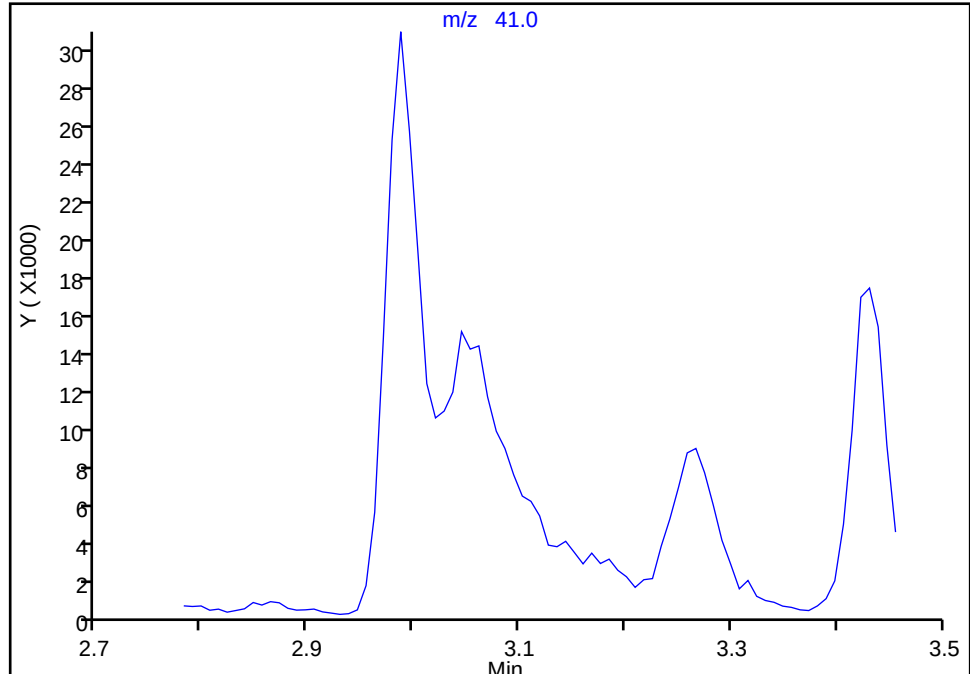
25 Acetonitrile, CAS: 75-05-8

Signal: 1

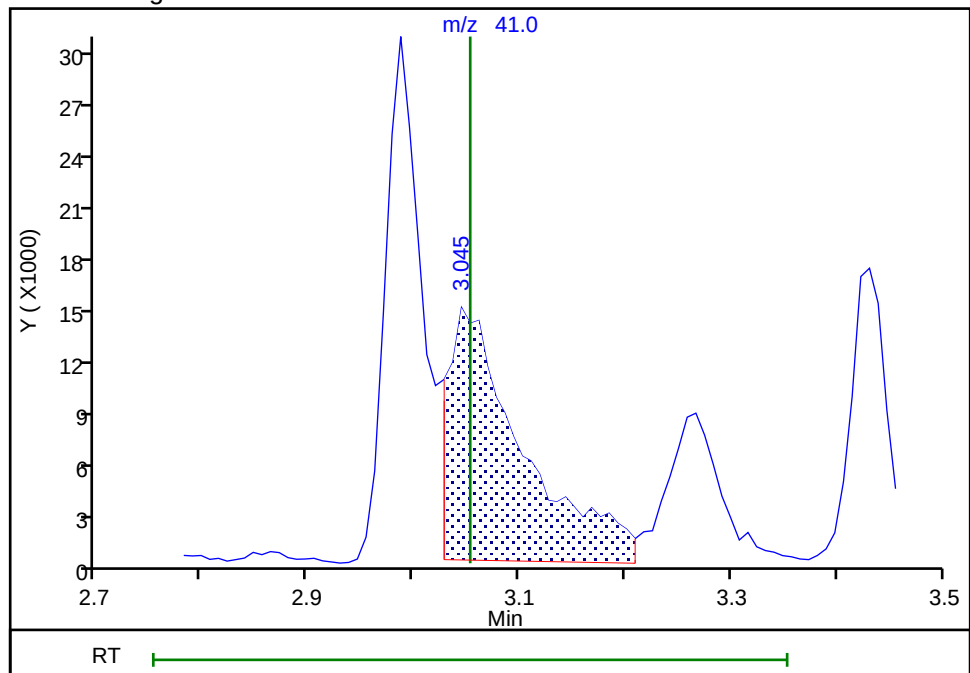
Not Detected

Expected RT: 3.05

Processing Integration Results



Manual Integration Results



RT: 3.05

Area: 72451

Amount: 226.6610

Amount Units: ug/l

Reviewer: baronm, 10-Dec-2020 10:17:17

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08564.D

Injection Date: 10-Dec-2020 00:00:30

Instrument ID: CVOAMS6

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

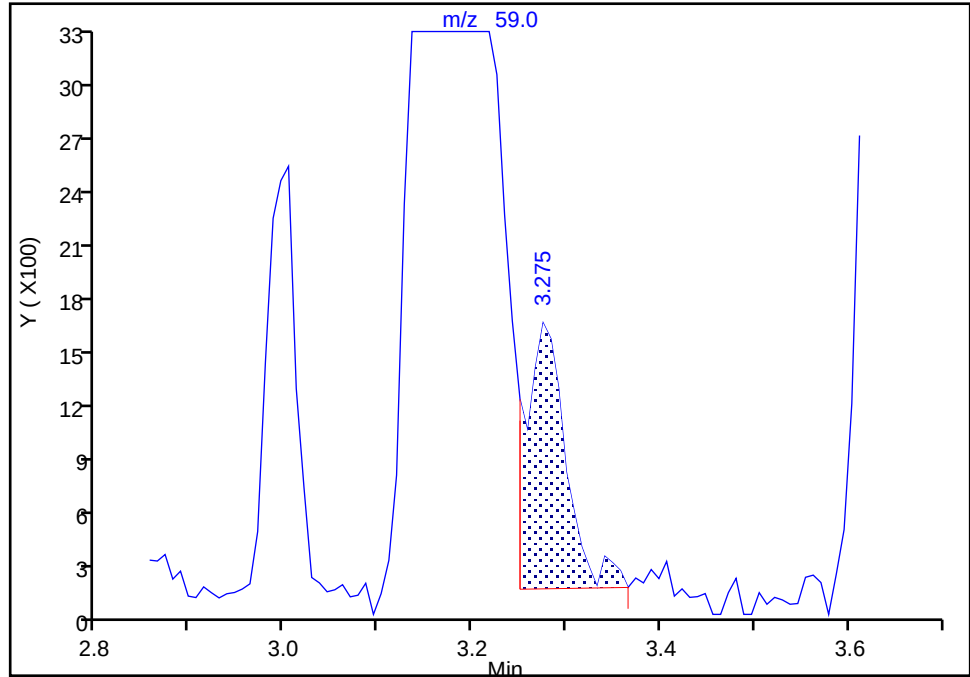
MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

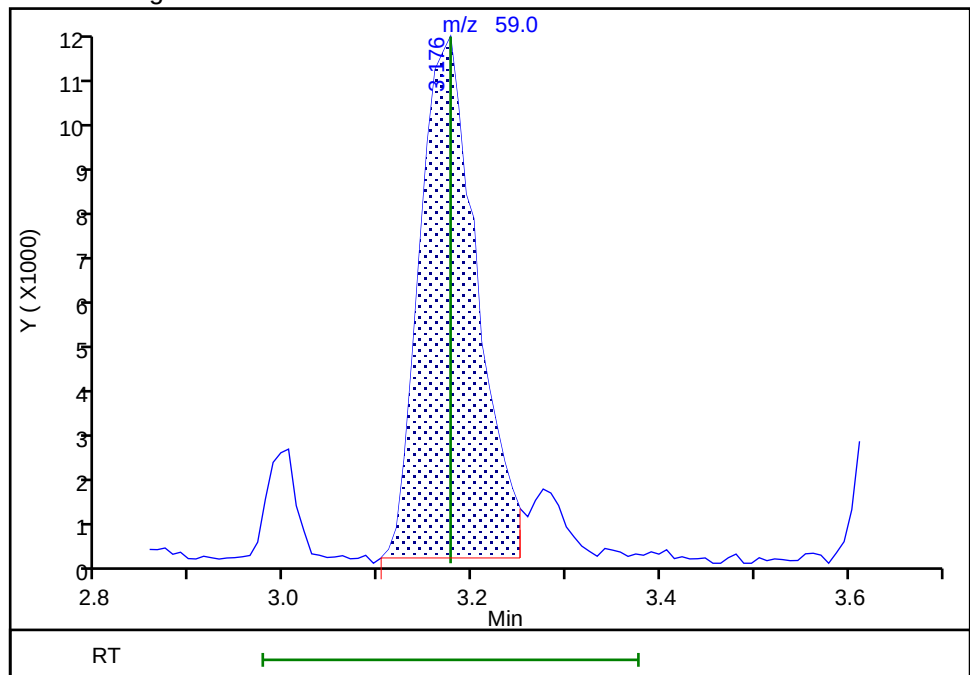
RT: 3.28
Area: 4405
Amount: 17.969770
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 47805
Amount: 195.0159
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 10-Dec-2020 10:17:25

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.: 460-224433-1

SDG No.: _____

Lab Sample ID: CCVIS 460-746441/3 Calibration Date: 12/12/2020 08:29

Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55

Lab File ID: F08688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Dichlorodifluoromethane	Ave	0.3690	0.4287		23.2	20.0	116	60-140
Chloromethane	Ave	0.4038	0.4354		21.6	20.0	108	0.1-205
Butadiene	Ave	0.3648	0.4356		23.9	20.0	119	60-140
Vinyl chloride	Ave	0.4197	0.4731		22.5	20.0	113	5-195
Bromomethane	Ave	0.3895	0.4042		20.8	20.0	104	15-185
Ethyl Chloride	Ave	0.2942	0.3228		21.9	20.0	110	40-160
Trichlorofluoromethane	Ave	0.5914	0.7059		23.9	20.0	119	50-150
Pentane	Ave	2.122	2.985		56.3	40.0	141*	60-140
Ethanol	Ave	0.0427	0.0363		680	800	85	60-140
Ethyl ether	Ave	0.1907	0.1834		19.2	20.0	96	60-140
2-Methyl-1,3-butadiene	Ave	0.1984	0.2103		21.2	20.0	106	60-140
Acrolein	Ave	0.8786	0.9742		44.4	40.0	111	10-150
Freon TF	Ave	0.2708	0.2920		21.6	20.0	108	60-140
1,1-Dichloroethene	Ave	0.2279	0.2661		23.4	20.0	117	50-150
Acetone	Ave	0.6655	0.7390		111	100	111	60-140
Iodomethane	Ave	0.4653	0.5468		23.5	20.0	118	60-140
Isopropyl alcohol	Ave	0.4835	0.4525		187	200	94	60-140
Carbon disulfide	Ave	0.8153	0.9281		22.8	20.0	114	60-140
3-Chloro-1-propene	Ave	0.3697	0.3605		19.5	20.0	98	60-140
Methyl acetate	Ave	0.1589	0.1576		39.7	40.0	99	60-140
Acetonitrile	Ave	1.162	1.293		223	200	111	60-140
Methylene Chloride	Ave	0.2785	0.3146		22.6	20.0	113	60-140
2-Methyl-2-propanol	Ave	0.8911	0.9184		206	200	103	60-140
MTBE	Ave	0.7098	0.7429		20.9	20.0	105	60-140
trans-1,2-Dichloroethene	Ave	0.2560	0.2966		23.2	20.0	116	70-130
Acrylonitrile	Ave	0.0982	0.0967		197	200	99	60-140
Hexane	Ave	0.1703	0.1731		20.3	20.0	102	60-140
Isopropyl ether	Ave	0.6178	0.6799		22.0	20.0	110	60-140
1,1-Dichloroethane	Ave	0.3956	0.4450		22.5	20.0	112	70-130
Vinyl acetate	Ave	0.0571	0.0614		43.0	40.0	107	60-140
2,2-Dichloropropane	Ave	0.0912	0.1022		22.4	20.0	112	60-140
cis-1,2-Dichloroethene	Ave	0.2636	0.3005		22.8	20.0	114	60-140
2-Butanone	Ave	0.2880	0.3437		119	100	119	60-140
Ethyl acetate	Ave	0.2309	0.2934		50.8	40.0	127	60-140
Chlorobromomethane	Ave	0.1519	0.1700		22.4	20.0	112	60-140
Tetrahydrofuran	Ave	0.3201	0.3867		48.3	40.0	121	60-140
Chloroform	Ave	0.4092	0.4489		21.9	20.0	110	70-135
Cyclohexane	Ave	0.4176	0.4503		21.6	20.0	108	60-140
1,1,1-Trichloroethane	Ave	0.4048	0.4308		21.3	20.0	106	70-130
Carbon tetrachloride	Ave	0.3592	0.3542		19.7	20.0	99	70-130
1,1-Dichloropropene	Ave	0.3077	0.3218		20.9	20.0	105	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-746441/3 Calibration Date: 12/12/2020 08:29
 Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55
 Lab File ID: F08688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Benzene	Ave	1.150	1.260		21.9	20.0	109	65-135
Isopropyl acetate	Ave	0.5916	0.5997		20.3	20.0	101	60-140
1,2-Dichloroethane	Ave	0.2961	0.3068		20.7	20.0	104	70-130
n-Heptane	Ave	0.1608	0.1828		22.7	20.0	114	60-140
n-Butanol	Ave	0.2225	0.2231		502	500	100	60-140
Trichloroethene	Ave	0.2288	0.2509		21.9	20.0	110	65-135
Ethyl acrylate	Ave	0.5594	0.5687		20.3	20.0	102	60-140
Methylcyclohexane	Ave	0.4519	0.5044		22.3	20.0	112	60-140
1,2-Dichloropropane	Ave	0.2106	0.2196		20.9	20.0	104	35-165
Methyl methacrylate	Ave	0.0693	0.0714		41.2	40.0	103	60-140
1,4-Dioxane	Ave	1.083	1.091		403	400	101	60-140
Dibromomethane	Ave	0.1563	0.1632		20.9	20.0	104	60-140
n-Propyl acetate	Ave	0.2886	0.2608		18.1	20.0	90	60-140
Bromodichloromethane	Ave	0.2873	0.2989		20.8	20.0	104	65-135
2-Chloroethyl vinyl ether	Ave	0.1344	0.1284		19.2	20.0	96	0.1-225
Epichlorohydrin	Ave	0.2335	0.2624		450	400	112	60-140
cis-1,3-Dichloropropene	Ave	0.4635	0.4883		21.1	20.0	105	25-175
4-Methyl-2-pentanone	Ave	1.915	2.257		118	100	118	60-140
Toluene	Ave	1.234	1.359		22.0	20.0	110	70-130
trans-1,3-Dichloropropene	Ave	0.4287	0.4278		20.0	20.0	100	50-150
1,1,2-Trichloroethane	Ave	0.2066	0.2347		22.7	20.0	114	70-130
Tetrachloroethene	Ave	0.3574	0.3962		22.2	20.0	111	70-130
1,3-Dichloropropane	Ave	0.4314	0.4784		22.2	20.0	111	60-140
2-Hexanone	Ave	1.226	1.373		112	100	112	60-140
n-Butyl acetate	Ave	0.3981	0.3910		19.6	20.0	98	60-140
Dibromochloromethane	Ave	0.3074	0.3063		19.9	20.0	100	70-135
1,2-Dibromoethane	Ave	0.2834	0.3052		21.5	20.0	108	60-140
Chlorobenzene	Ave	0.8375	0.9361		22.4	20.0	112	65-135
Ethylbenzene	Ave	0.4600	0.5111		22.2	20.0	111	60-140
1,1,1,2-Tetrachloroethane	Ave	0.3506	0.3660		20.9	20.0	104	60-140
m-Xylene & p-Xylene	Ave	0.5538	0.6273		22.7	20.0	113	60-140
n-Butyl acrylate	Ave	0.2316	0.2399		20.7	20.0	104	60-140
o-Xylene	Ave	0.5760	0.6303		21.9	20.0	109	60-140
Styrene	Ave	0.9109	1.033		22.7	20.0	113	60-140
Amyl acetate (mixed isomers)	Ave	0.8507	0.7994		18.8	20.0	94	60-140
Bromoform	Ave	0.2463	0.2329		18.9	20.0	95	70-130
Isopropylbenzene	Ave	1.537	1.729		22.5	20.0	112	60-140
Bromobenzene	Ave	0.6545	0.7308		22.3	20.0	112	60-140
1,1,2,2-Tetrachloroethane	Ave	0.6095	0.6577		21.6	20.0	108	60-140
N-Propylbenzene	Ave	2.808	3.082		22.0	20.0	110	60-140
1,2,3-Trichloropropane	Ave	0.1984	0.2207		22.2	20.0	111	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-746441/3 Calibration Date: 12/12/2020 08:29
 Instrument ID: CVOAMS6 Calib Start Date: 12/09/2020 14:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 12/09/2020 16:55
 Lab File ID: F08688.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2-Chlorotoluene	Ave	1.921	2.054		21.4	20.0	107	60-140
1,3,5-Trimethylbenzene	Ave	2.120	2.234		21.1	20.0	105	60-140
4-Chlorotoluene	Ave	1.737	1.854		21.3	20.0	107	60-140
Butyl Methacrylate	Ave	0.6560	0.7818		23.8	20.0	119	60-140
tert-Butylbenzene	Ave	1.830	1.954		21.4	20.0	107	60-140
1,2,4-Trimethylbenzene	Ave	2.169	2.348		21.6	20.0	108	60-140
sec-Butylbenzene	Ave	2.788	3.002		21.5	20.0	108	60-140
1,3-Dichlorobenzene	Ave	1.326	1.489		22.5	20.0	112	70-130
4-Isopropyltoluene	Ave	2.535	2.743		21.6	20.0	108	60-140
1,4-Dichlorobenzene	Ave	1.331	1.516		22.8	20.0	114	65-135
1,2,3-Trimethylbenzene	Ave	2.369	2.536		21.4	20.0	107	60-140
Benzyl chloride	Ave	1.362	1.409		20.7	20.0	103	60-140
n-Butylbenzene	Ave	1.253	1.367		21.8	20.0	109	60-140
1,2-Dichlorobenzene	Ave	1.323	1.495		22.6	20.0	113	65-135
1,2-Dibromo-3-Chloropropane	Ave	0.2255	0.2006		17.8	20.0	89	60-140
1,2,4-Trichlorobenzene	Ave	1.183	1.336		22.6	20.0	113	60-140
Hexachlorobutadiene	Ave	0.4908	0.5361		21.8	20.0	109	60-140
Naphthalene	Ave	2.924	3.067		21.0	20.0	105	60-140
1,2,3-Trichlorobenzene	Ave	1.123	1.211		21.6	20.0	108	60-140
Dibromofluoromethane (Surr)	Ave	0.2553	0.2556		50.1	50.0	0.1	
1,2-Dichloroethane-d4 (Surr)	Ave	0.2753	0.2535		46.0	50.0	-7.9	
Toluene-d8 (Surr)	Ave	1.170	1.147		49.0	50.0	-1.9	
Bromofluorobenzene	Ave	0.4320	0.4421		51.2	50.0	2.3	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08688.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 12-Dec-2020 08:29:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0121489-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub54
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 19:58:51 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1617

First Level Reviewer: asfawa

Date: 14-Dec-2020 12:14:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.558	0.000	92	76427	20.0	23.2	
2 Chloromethane	50	1.730	1.730	0.000	99	77633	20.0	21.6	
3 Butadiene	54	1.804	1.804	0.000	85	77674	20.0	23.9	
4 Vinyl chloride	62	1.804	1.804	0.000	97	84344	20.0	22.5	
5 Bromomethane	94	2.084	2.084	0.000	99	72059	20.0	20.8	
6 Chloroethane	64	2.133	2.133	0.000	99	57556	20.0	21.9	
7 Dichlorofluoromethane	67	2.297	2.297	0.000	97	132291	NC	NC	
8 Trichlorofluoromethane	101	2.297	2.297	0.000	95	125863	20.0	23.9	
9 Pentane	72	2.322	2.322	0.000	96	25977	40.0	56.3	
11 Ethanol	46	2.494	2.494	0.000	66	6324	800.0	680.1	
10 Ethyl ether	59	2.494	2.494	0.000	93	32699	20.0	19.2	
12 2-Methyl-1,3-butadiene	53	2.519	2.519	0.000	95	37496	20.0	21.2	
15 Acrolein	56	2.667	2.667	0.000	27	8479	40.0	44.4	
16 112TCTFE	101	2.692	2.692	0.000	58	52069	20.0	21.6	
17 1,1-Dichloroethene	96	2.700	2.700	0.000	96	47443	20.0	23.4	
18 Acetone	43	2.774	2.774	0.000	87	57855	100.0	111.0	
19 Iodomethane	142	2.856	2.856	0.000	96	97495	20.0	23.5	
20 Isopropyl alcohol	45	2.856	2.856	0.000	31	19691	200.0	187.2	
21 Carbon disulfide	76	2.881	2.881	0.000	99	165469	20.0	22.8	
22 3-Chloro-1-propene	41	2.987	2.987	0.000	86	64284	20.0	19.5	
23 Methyl acetate	43	2.996	2.996	0.000	94	56202	40.0	39.7	
24 Cyclopentene	67	3.012	3.012	0.000	92	112105	NC	NC	a
25 Acetonitrile	41	3.053	3.053	0.000	90	56272	200.0	222.6	a
* 27 TBA-d9 (IS)	65	3.102	3.102	0.000	0	217581	1000.0	1000.0	
26 Methylene Chloride	84	3.119	3.119	0.000	87	56097	20.0	22.6	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	29	39965	200.0	206.1	a
29 Methyl tert-butyl ether	73	3.267	3.267	0.000	96	132464	20.0	20.9	
30 trans-1,2-Dichloroethene	96	3.291	3.291	0.000	91	52887	20.0	23.2	
31 Acrylonitrile	53	3.349	3.349	0.000	95	172444	200.0	197.1	
32 Hexane	43	3.431	3.431	0.000	89	30862	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.637	3.637	0.000	93	121223	20.0	22.0	
34 1,1-Dichloroethane	63	3.669	3.669	0.000	99	79335	20.0	22.5	
35 Vinyl acetate	86	3.678	3.678	0.000	99	21885	40.0	43.0	
36 2-Chloro-1,3-butadiene	88	3.710	3.710	0.000	90	41892	NC	NC	
37 Tert-butyl ethyl ether	59	3.941	3.941	0.000	93	126983	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	195709	250.0	250.0	
39 2,2-Dichloropropane	97	4.154	4.154	0.000	88	18222	20.0	22.4	
40 cis-1,2-Dichloroethene	96	4.162	4.162	0.000	98	53572	20.0	22.8	
42 2-Butanone (MEK)	72	4.179	4.179	0.000	97	26903	100.0	119.3	
41 Ethyl acetate	70	4.187	4.187	0.000	96	9188	40.0	50.8	
43 Methyl acrylate	55	4.236	4.236	0.000	100	34815	NC	NC	
44 Propionitrile	54	4.302	4.302	0.000	98	59438	NC	NC	
45 Chlorobromomethane	128	4.384	4.384	0.000	75	30307	20.0	22.4	
46 Tetrahydrofuran	72	4.384	4.384	0.000	74	12108	40.0	48.3	
47 Methacrylonitrile	67	4.401	4.401	0.000	89	184404	NC	NC	
48 Chloroform	83	4.434	4.434	0.000	98	80036	20.0	21.9	
49 Cyclohexane	84	4.565	4.565	0.000	87	80291	20.0	21.6	
50 1,1,1-Trichloroethane	97	4.581	4.581	0.000	96	76817	20.0	21.3	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.581	0.000	98	113921	50.0	50.1	
52 Carbon tetrachloride	117	4.697	4.697	0.000	97	63146	20.0	19.7	
53 1,1-Dichloropropene	75	4.721	4.721	0.000	96	57378	20.0	20.9	
54 Isobutyl alcohol	43	4.844	4.844	0.000	98	30954	NC	NC	
55 Benzene	78	4.910	4.910	0.000	97	172726	20.0	21.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	0.000	0	113006	50.0	46.0	
57 Isopropyl acetate	43	4.968	4.968	0.000	95	106917	20.0	20.3	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	95	136290	NC	NC	
59 1,2-Dichloroethane	62	4.992	4.992	0.000	97	54703	20.0	20.7	
60 n-Heptane	57	5.066	5.066	0.000	85	32584	20.0	22.7	
* 61 Fluorobenzene	96	5.190	5.190	0.000	99	445741	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	87	24275	500.0	501.5	
63 Trichloroethene	95	5.535	5.535	0.000	95	44728	20.0	21.9	
64 Ethyl acrylate	55	5.658	5.658	0.000	96	101403	20.0	20.3	
65 Methylcyclohexane	83	5.666	5.666	0.000	87	89934	20.0	22.3	
66 1,2-Dichloropropane	63	5.814	5.814	0.000	92	39158	20.0	20.9	
* 67 1,4-Dioxane-d8	96	5.872	5.872	0.000	0	23346	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	83	25451	40.0	41.2	
71 1,4-Dioxane	88	5.929	5.929	0.000	84	10184	400.0	402.7	
69 Dibromomethane	93	5.945	5.945	0.000	91	29100	20.0	20.9	
70 n-Propyl acetate	43	5.954	5.954	0.000	96	46495	20.0	18.1	
72 Dichlorobromomethane	83	6.093	6.093	0.000	99	53299	20.0	20.8	
74 2-Nitropropane	41	6.422	6.422	0.000	86	19078	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	79	22951	20.0	19.2	
75 Epichlorohydrin	57	6.529	6.529	0.000	99	82180	400.0	449.6	
76 cis-1,3-Dichloropropene	75	6.586	6.586	0.000	91	66957	20.0	21.1	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	176708	100.0	117.9	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	393369	50.0	49.0	
79 Toluene	91	6.907	6.907	0.000	93	186364	20.0	22.0	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	58672	20.0	20.0	
81 Ethyl methacrylate	69	7.285	7.285	0.000	86	52723	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	95	32181	20.0	22.7	
83 Tetrachloroethene	166	7.507	7.507	0.000	95	54337	20.0	22.2	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	90	65602	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.737	7.737	0.000	92	107521	100.0	112.0	
86 n-Butyl acetate	43	7.860	7.860	0.000	98	53614	20.0	19.6	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	42001	20.0	19.9	
88 Ethylene Dibromide	107	8.049	8.049	0.000	100	41847	20.0	21.5	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	84	342838	50.0	50.0	
90 Chlorobenzene	112	8.632	8.632	0.000	98	128371	20.0	22.4	
91 Ethylbenzene	106	8.747	8.747	0.000	98	70084	20.0	22.2	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	50185	20.0	20.9	
93 m-Xylene & p-Xylene	106	8.904	8.904	0.000	0	86022	20.0	22.7	
94 n-Butyl acrylate	73	9.380	9.380	0.000	98	32900	20.0	20.7	
95 o-Xylene	106	9.380	9.380	0.000	94	86436	20.0	21.9	
96 Styrene	104	9.413	9.413	0.000	97	141641	20.0	22.7	
97 Amyl acetate (mixed isomers)	43	9.610	9.610	0.000	93	70786	20.0	18.8	
98 Bromoform	173	9.618	9.618	0.000	98	31942	20.0	18.9	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	237104	20.0	22.5	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	97	151554	50.0	51.2	
101 Bromobenzene	156	10.054	10.054	0.000	90	64709	20.0	22.3	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	58236	20.0	21.6	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	272881	20.0	22.0	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	96	19539	20.0	22.2	
105 trans-1,4-Dichloro-2-butene	53	10.153	10.153	0.000	75	9488	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	97	181839	20.0	21.4	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	233064	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	94	197828	20.0	21.1	
109 4-Chlorotoluene	91	10.309	10.309	0.000	95	164139	20.0	21.3	
110 Butyl Methacrylate	87	10.366	10.366	0.000	87	69229	20.0	23.8	
111 tert-Butylbenzene	119	10.514	10.514	0.000	96	173070	20.0	21.4	
112 1,2,4-Trimethylbenzene	105	10.563	10.563	0.000	97	207886	20.0	21.6	
113 sec-Butylbenzene	105	10.678	10.678	0.000	99	265841	20.0	21.5	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	97	131889	20.0	22.5	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	97	242867	20.0	21.6	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	0.000	92	221375	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	96	134239	20.0	22.8	
118 1,2,3-Trimethylbenzene	105	10.867	10.867	0.000	97	224527	20.0	21.4	
119 Benzyl chloride	91	10.950	10.950	0.000	100	124730	20.0	20.7	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	222700	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	94	128905	NC	NC	
122 n-Butylbenzene	92	11.056	11.056	0.000	97	121080	20.0	21.8	
123 1,2-Dichlorobenzene	146	11.097	11.097	0.000	98	132350	20.0	22.6	
124 1,2,4,5-Tetramethylbenzene	119	11.517	11.517	0.000	99	239462	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.582	11.582	0.000	93	17762	20.0	17.8	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	0.000	97	118007	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.059	12.059	0.000	93	118342	20.0	22.6	
128 Hexachlorobutadiene	225	12.125	12.125	0.000	95	47469	20.0	21.8	
129 Naphthalene	128	12.215	12.215	0.000	99	271547	20.0	21.0	
130 1,2,3-Trichlorobenzene	180	12.371	12.371	0.000	95	107263	20.0	21.6	
S 131 1,2-Dichloroethene, Total	100				0		40.0	46.0	
S 132 Xylenes, Total	100				0		40.0	44.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00398	Amount Added: 20.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 14-Dec-2020 19:58:55

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08688.D

Injection Date: 12-Dec-2020 08:29:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

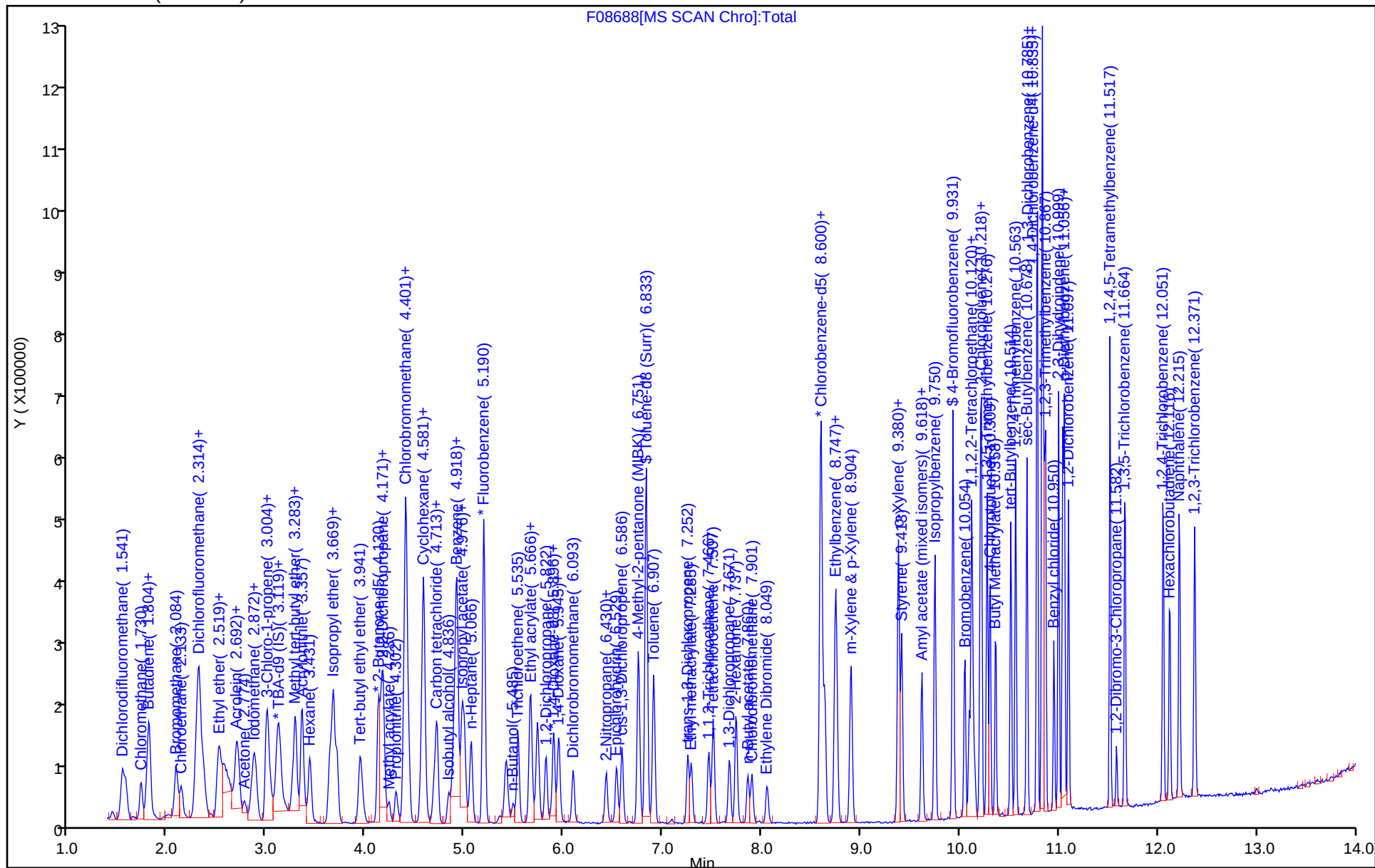
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08688.D

Injection Date: 12-Dec-2020 08:29:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

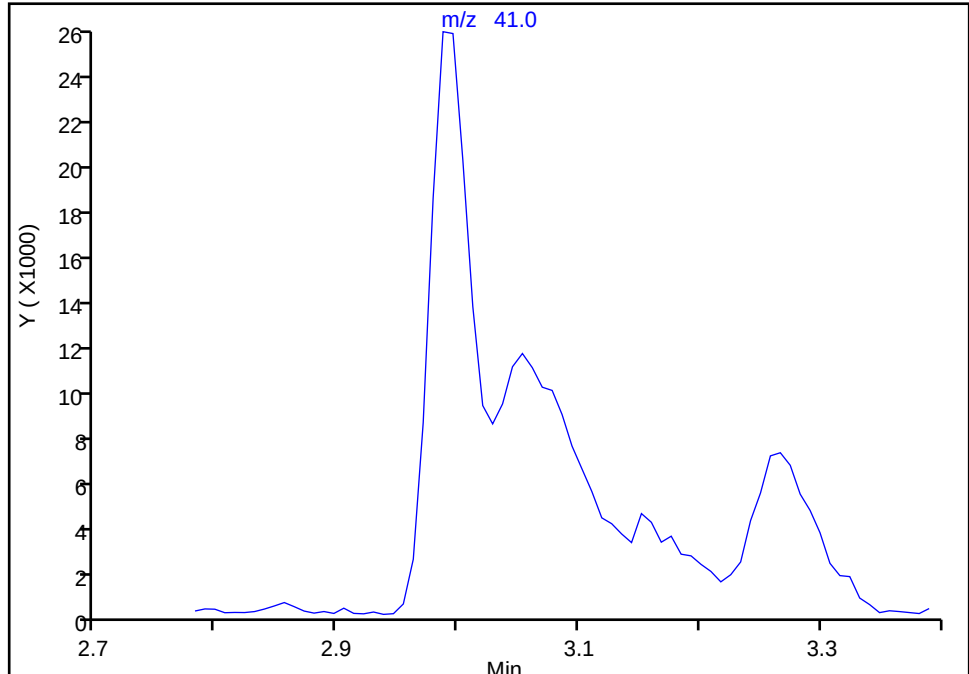
25 Acetonitrile, CAS: 75-05-8

Signal: 1

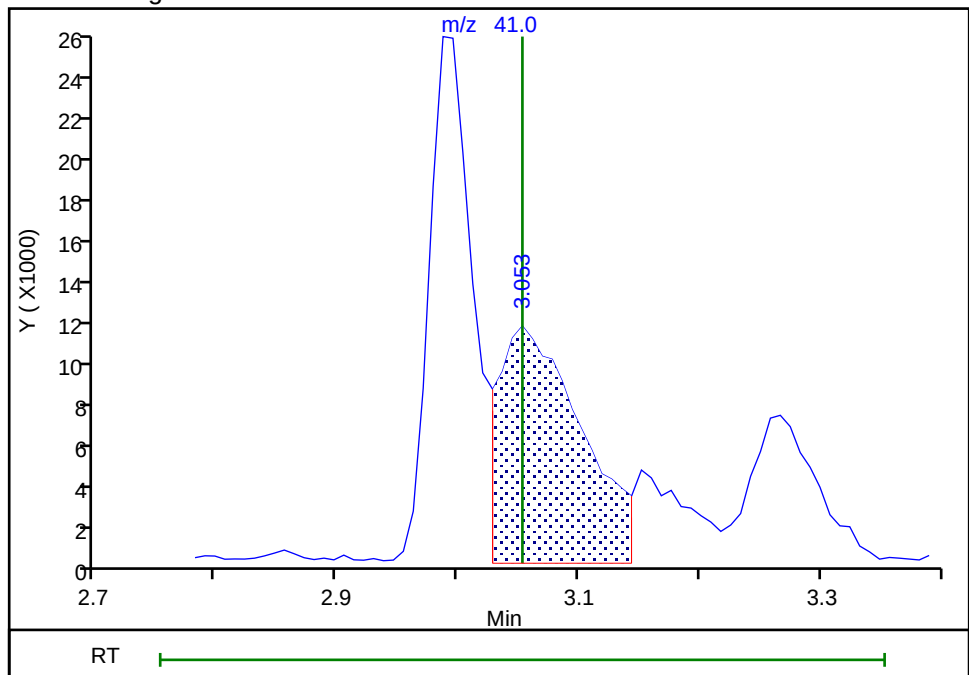
Not Detected

Expected RT: 3.05

Processing Integration Results



Manual Integration Results



Reviewer: starzecm, 12-Dec-2020 08:44:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08688.D

Injection Date: 12-Dec-2020 08:29:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

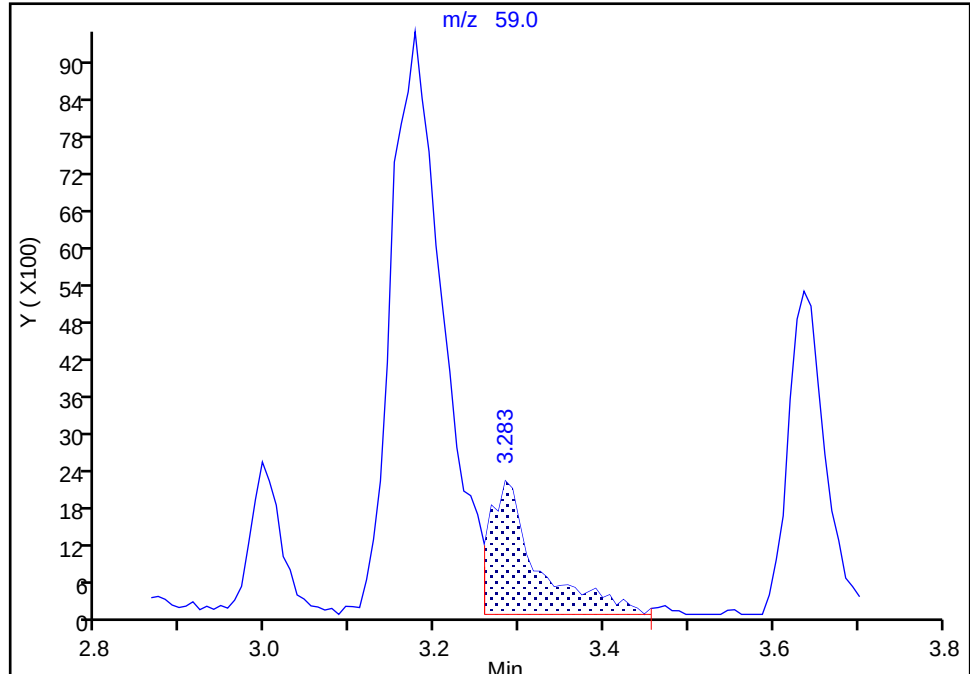
Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

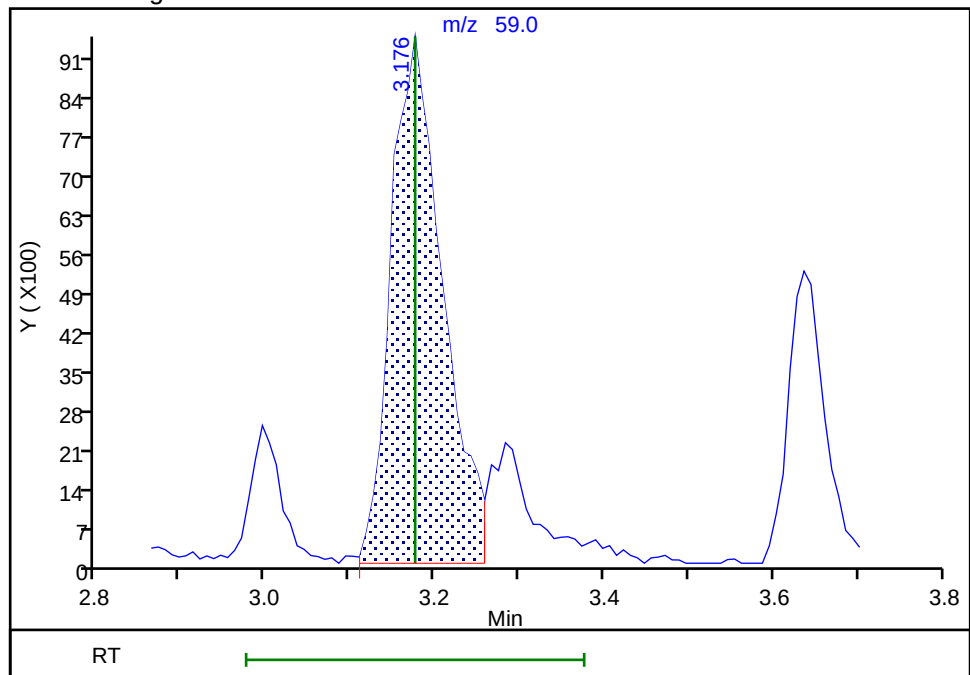
RT: 3.28
Area: 8550
Amount: 44.096481
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 39965
Amount: 206.1188
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 12-Dec-2020 08:45:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08547.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Dec-2020 13:14:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0121321-001
Operator ID: Instrument ID: CVOAMS6
Method: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\8260624W6.m
Limit Group: VOA 624.1 ICAL
Last Update: 09-Dec-2020 19:23:31 Calib Date: 09-Dec-2020 16:55:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1662

First Level Reviewer: moroneyc

Date: 09-Dec-2020 13:25:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	2.478	2.478	0.000	88	104144	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\CVOAMS6\20201209-121321.b\F08547.D

Injection Date: 09-Dec-2020 13:14:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

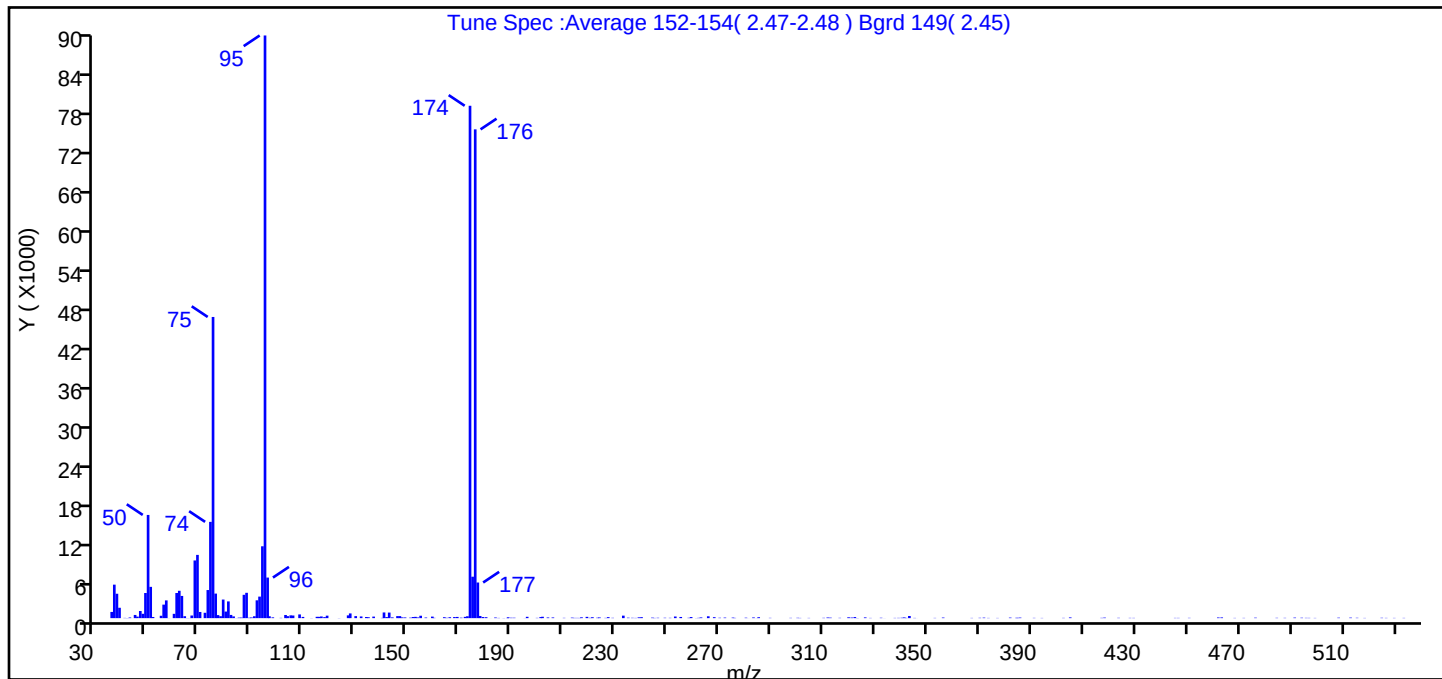
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.7
75	30 to 60% of m/z 95	51.7
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	87.9
175	5 to 9% of m/z 174	7.1 (8.1)
176	Greater than 95% but less than 101% of m/z 174	83.9 (95.4)
177	5 to 9% of m/z 176	6.1 (7.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08547.D\8260624W6.rslt\spectra.d
Injection Date: 09-Dec-2020 13:14:30
Spectrum: Tune Spec :Average 152-154(2.47-2.48) Bgrd 149(2.45)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 240

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	956	104.00	309	195.00	12	320.00	129
37.00	5158	105.00	429	196.00	206	321.00	91
38.00	3756	106.00	406	200.00	42	322.00	166
39.00	1597	108.00	573	201.00	164	323.00	22
41.00	37	110.00	189	202.00	214	326.00	113
42.00	22	113.00	17	204.00	104	328.00	35
43.00	100	115.00	205	206.00	106	331.00	1
44.00	3	116.00	201	210.00	45	332.00	58
45.00	491	117.00	257	213.00	79	334.00	8
46.00	235	118.00	159	214.00	41	338.00	38
47.00	1097	119.00	382	215.00	40	339.00	43
48.00	669	120.00	2	216.00	37	340.00	60
49.00	3871	124.00	20	217.00	131	341.00	108
50.00	15891	127.00	427	219.00	198	342.00	37
51.00	4817	128.00	727	220.00	51	343.00	331
52.00	178	130.00	312	221.00	143	345.00	35
55.00	367	132.00	259	223.00	67	346.00	4
56.00	2082	134.00	175	224.00	105	353.00	37
57.00	2733	135.00	140	226.00	42	356.00	90
58.00	10	137.00	237	227.00	154	367.00	36
60.00	664	140.00	39	229.00	49	370.00	52
61.00	3870	141.00	875	233.00	385	372.00	79
62.00	4214	142.00	165	235.00	70	374.00	35
63.00	3419	143.00	858	236.00	53	377.00	33
64.00	294	144.00	116	238.00	38	382.00	83
65.00	17	146.00	313	239.00	124	384.00	49
66.00	10	147.00	313	240.00	150	385.00	49
67.00	406	148.00	115	244.00	78	386.00	84
68.00	8883	149.00	106	245.00	35	391.00	42
69.00	9740	151.00	76	246.00	57	394.00	33
70.00	950	152.00	172	249.00	59	402.00	41
72.00	825	153.00	198	251.00	48	405.00	111
73.00	4327	154.00	108	253.00	250	417.00	45

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08547.D\8260624W6.rsl\spectra.d

Injection Date: 09-Dec-2020 13:14:30

Spectrum: Tune Spec :Average 152-154(2.47-2.48) Bgrd 149(2.45)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 240

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	14825	155.00	370	255.00	180	418.00	83
75.00	46376	157.00	96	258.00	53	424.00	50
76.00	3780	160.00	237	259.00	167	428.00	41
77.00	469	160.00	47	261.00	16	429.00	39
78.00	297	164.00	143	262.00	48	445.00	39
79.00	2863	165.00	54	263.00	110	447.00	39
80.00	1014	166.00	141	265.00	4	451.00	45
81.00	2578	168.00	168	266.00	285	462.00	102
82.00	495	169.00	187	268.00	147	463.00	110
83.00	266	171.00	71	270.00	60	468.00	35
84.00	14	172.00	199	272.00	85	472.00	38
85.00	78	173.00	288	275.00	83	476.00	72
86.00	86	174.00	78896	276.00	37	484.00	49
87.00	3594	175.00	6379	280.00	69	488.00	44
88.00	3901	176.00	75264	281.00	6	491.00	83
89.00	64	177.00	5486	283.00	106	494.00	64
90.00	104	178.00	333	284.00	10	496.00	45
91.00	289	179.00	169	285.00	142	497.00	41
92.00	2746	180.00	144	290.00	44	499.00	34
93.00	3317	182.00	5	297.00	43	508.00	72
94.00	11065	184.00	98	300.00	52	513.00	81
95.00	89720	185.00	35	301.00	35	515.00	56
96.00	6248	187.00	19	304.00	36	518.00	33
97.00	287	188.00	42	310.00	48	525.00	56
98.00	121	189.00	127	312.00	99	527.00	39
101.00	41	190.00	63	313.00	75	530.00	36
103.00	485	191.00	63	316.00	47	533.00	38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08547.D

Injection Date: 09-Dec-2020 13:14:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

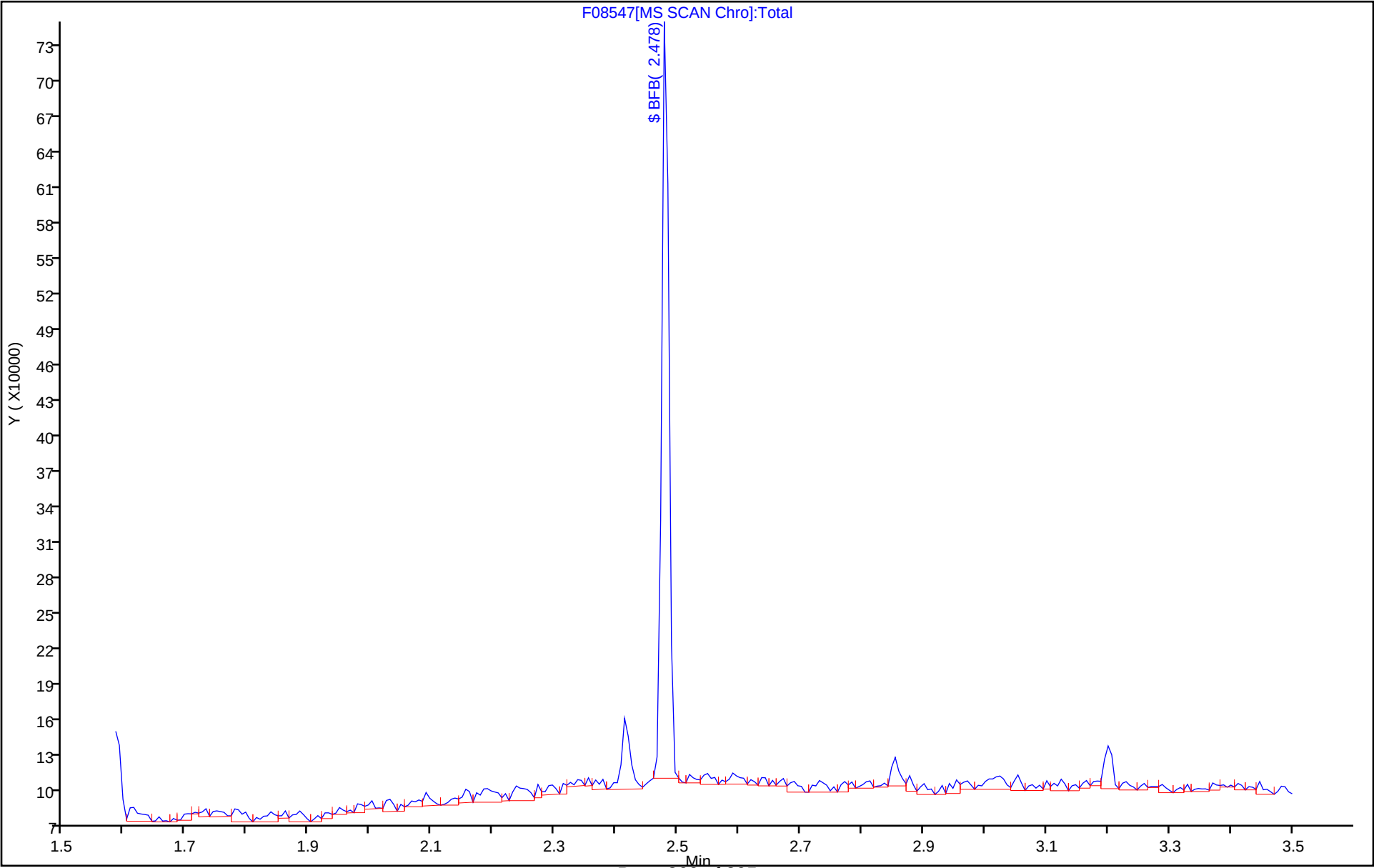
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08686.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 12-Dec-2020 07:39:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0121489-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 12-Dec-2020 08:23:56 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1616

First Level Reviewer: starzecm

Date: 12-Dec-2020 08:23:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 133 BFB	95	2.478	2.478	0.000	96	369543	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00026

Amount Added: 1.00

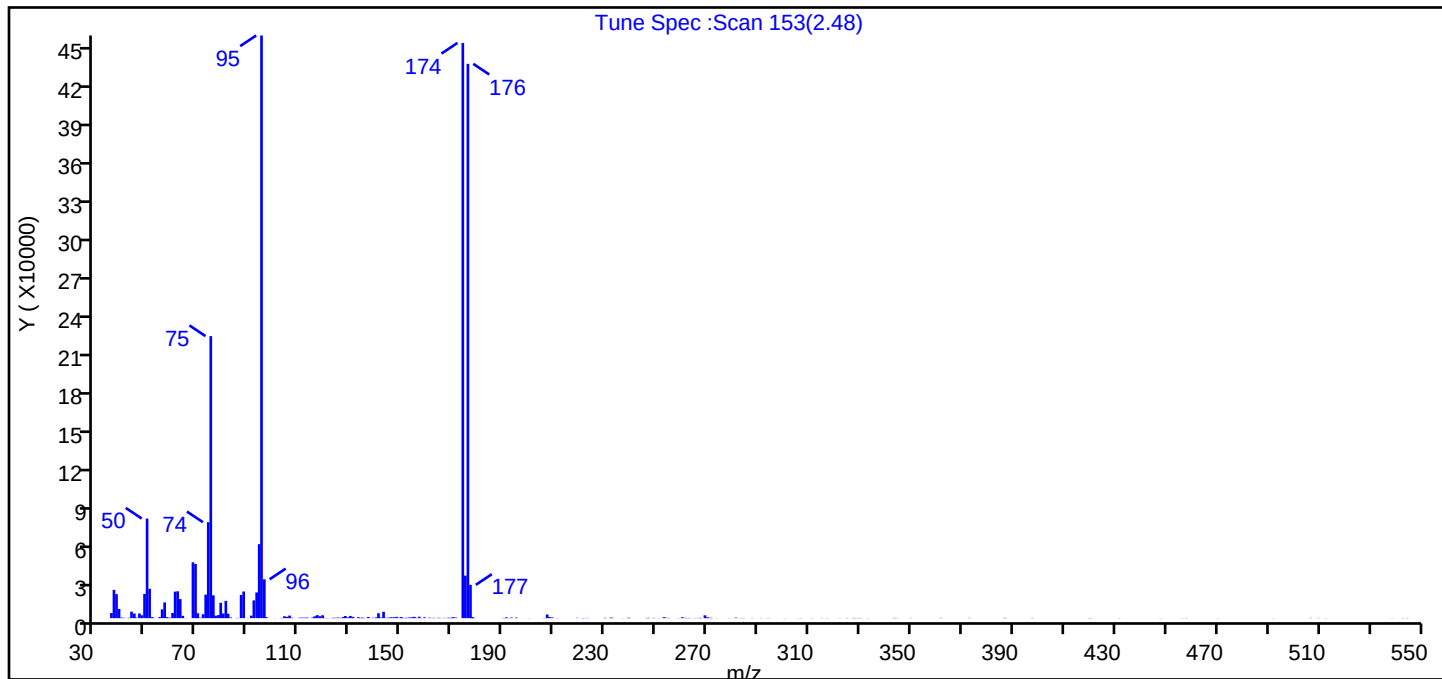
Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08686.D
Injection Date: 12-Dec-2020 07:39:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260624W6
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA 624.1 ICAL

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.1
75	30 to 60% of m/z 95	48.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	98.7
175	5 to 9% of m/z 174	7.3 (7.4)
176	Greater than 95% but less than 101% of m/z 174	95.1 (96.4)
177	5 to 9% of m/z 176	5.7 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08686.D\8260624W6.rslt\spectra.d
Injection Date: 12-Dec-2020 07:39:30
Spectrum: Tune Spec :Scan 153(2.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4013	96.00	30416	158.00	109	264.00	103
37.00	22128	97.00	824	159.00	643	265.00	183
38.00	18792	100.00	108	161.00	397	267.00	243
39.00	7199	103.00	217	162.00	169	268.00	138
40.00	438	104.00	1463	163.00	188	269.00	2227
41.00	263	105.00	1070	164.00	305	270.00	723
43.00	310	106.00	1996	165.00	147	271.00	277
44.00	5066	107.00	361	167.00	224	272.00	186
45.00	3610	110.00	319	168.00	326	274.00	104
46.00	421	111.00	379	169.00	213	279.00	112
47.00	3634	112.00	386	170.00	243	281.00	432
48.00	2235	113.00	473	170.00	766	283.00	128
49.00	18952	115.00	527	171.00	490	284.00	180
50.00	77960	116.00	1421	174.00	450432	288.00	131
51.00	22984	117.00	2364	175.00	33288	291.00	155
52.00	828	118.00	1522	176.00	434048	294.00	160
53.00	148	119.00	2282	177.00	26072	300.00	103
55.00	823	120.00	191	178.00	635	305.00	115
56.00	6894	121.00	130	178.00	640	307.00	140
57.00	12334	123.00	266	179.00	163	311.00	131
58.00	782	124.00	301	190.00	206	315.00	144
59.00	401	125.00	463	191.00	629	317.00	119
60.00	4035	126.00	279	192.00	102	322.00	141
61.00	20752	127.00	911	193.00	492	325.00	188
62.00	21016	128.00	1678	195.00	465	327.00	168
63.00	14926	129.00	627	200.00	105	328.00	164
64.00	1817	130.00	1739	206.00	116	329.00	116
65.00	131	131.00	1024	207.00	2866	330.00	168
68.00	43744	133.00	735	208.00	896	333.00	118
69.00	42400	134.00	243	209.00	515	343.00	173
70.00	3786	135.00	388	211.00	121	344.00	184
71.00	378	135.00	137	219.00	256	350.00	156
72.00	3038	137.00	900	221.00	110	362.00	218

Report Date: 12-Dec-2020 08:23:57

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08686.D\8260624W6.rslt\spectra.d

Injection Date: 12-Dec-2020 07:39:30

Spectrum: Tune Spec :Scan 153(2.48)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 209

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	18392	139.00	274	222.00	136	373.00	189
74.00	75120	140.00	629	223.00	200	387.00	270
75.00	220864	141.00	3837	230.00	290	398.00	170
76.00	17824	142.00	529	232.00	429	420.00	103
77.00	1935	143.00	4997	233.00	253	420.00	129
78.00	2410	144.00	268	237.00	100	432.00	136
79.00	12017	145.00	358	239.00	296	448.00	106
80.00	3644	146.00	687	239.00	202	456.00	112
81.00	13524	147.00	699	246.00	187	458.00	164
82.00	3485	148.00	1009	247.00	270	471.00	105
83.00	535	149.00	373	249.00	248	492.00	105
86.00	196	150.00	826	251.00	114	507.00	208
87.00	18168	150.00	170	253.00	774	510.00	142
88.00	20872	151.00	166	254.00	271	513.00	124
90.00	138	152.00	252	255.00	162	538.00	101
91.00	1977	153.00	528	259.00	134	543.00	135
92.00	13904	154.00	760	260.00	692	545.00	178
93.00	20112	155.00	1015	261.00	245		
94.00	57912	156.00	193	262.00	120		
95.00	456256	157.00	1102	263.00	180		

Report Date: 12-Dec-2020 08:23:57

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08686.D

Injection Date: 12-Dec-2020 07:39:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

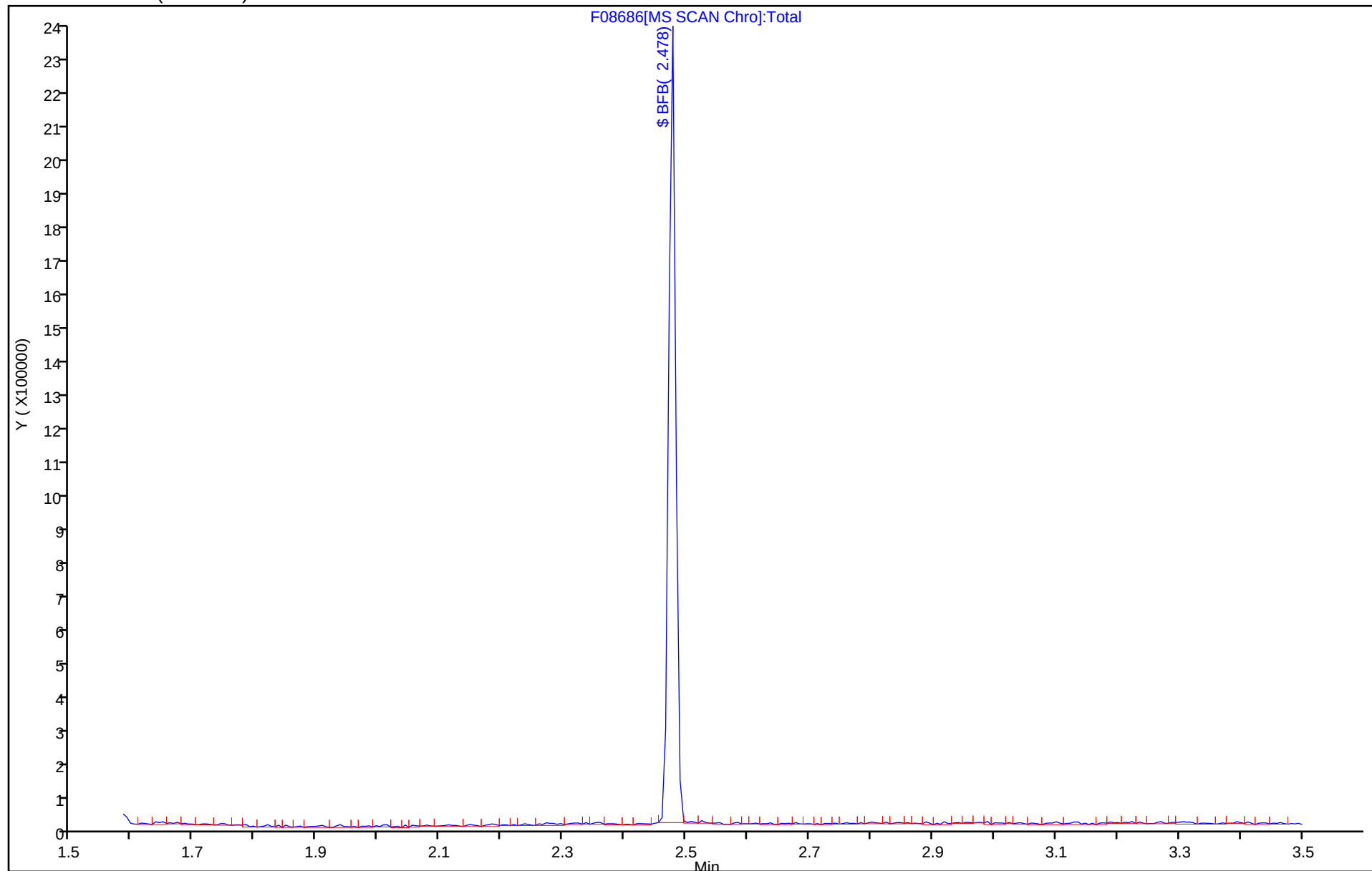
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-746441/8
 Matrix: Water Lab File ID: F08693.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 12/12/2020 10:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.41	U	1.0	0.41
74-87-3	Chloromethane	0.43	U	1.0	0.43
74-83-9	Bromomethane	0.45	U	1.0	0.45
75-01-4	Vinyl chloride	0.34	U	1.0	0.34
75-00-3	Ethyl Chloride	0.32	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.14	U	1.0	0.14
76-13-1	Freon TF	0.31	U	1.0	0.31
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	5.0	U	6.0	5.0
75-15-0	Carbon disulfide	0.16	U	1.0	0.16
79-20-9	Methyl acetate	0.31	U	5.0	0.31
75-35-4	1,1-Dichloroethene	0.12	U	1.0	0.12
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
1634-04-4	MTBE	0.20	U	1.0	0.20
67-66-3	Chloroform	0.33	U	1.0	0.33
107-06-2	1,2-Dichloroethane	0.84	U	1.0	0.84
78-93-3	2-Butanone	1.9	U	5.0	1.9
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.32	U	1.0	0.32
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	0.46	U	1.0	0.46
79-01-6	Trichloroethene	0.31	U	1.0	0.31
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
124-48-1	Dibromochloromethane	0.13	U	1.0	0.13
79-00-5	1,1,2-Trichloroethane	0.15	U	1.0	0.15
71-43-2	Benzene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
75-25-2	Bromoform	0.54	U	1.0	0.54
98-82-8	Isopropylbenzene	0.16	U	1.0	0.16
108-10-1	4-Methyl-2-pentanone	2.7	U	5.0	2.7
591-78-6	2-Hexanone	2.9	U	5.0	2.9
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-746441/8
 Matrix: Water Lab File ID: F08693.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 10:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
108-88-3	Toluene	0.38	U	1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
100-42-5	Styrene	0.42	U	1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
541-73-1	1,3-Dichlorobenzene	0.13	U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	0.18	U	1.0	0.18
95-50-1	1,2-Dichlorobenzene	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		60-140
2037-26-5	Toluene-d8 (Surr)	100		60-140
460-00-4	Bromofluorobenzene	103		60-140
1868-53-7	Dibromofluoromethane (Surr)	104		60-140

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-746441/8
Matrix: Water Lab File ID: F08693.D
Analysis Method: 624.1 Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 10:33
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 746441 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08693.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Dec-2020 10:33:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0121489-008
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 12:14:36 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1664

First Level Reviewer: moroneyc

Date: 14-Dec-2020 07:00:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.102	3.102	0.000	0	230332	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	196228	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.581	0.000	97	115729	50.0	52.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	0.000	0	111666	50.0	46.6	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	435385	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.880	5.872	0.008	0	23299	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	99	381270	50.0	50.1	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	84	325242	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	144619	50.0	51.5	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	93	220501	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\CVOAMS6\20201212-121489.b\F08693.D

Injection Date: 12-Dec-2020 10:33:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

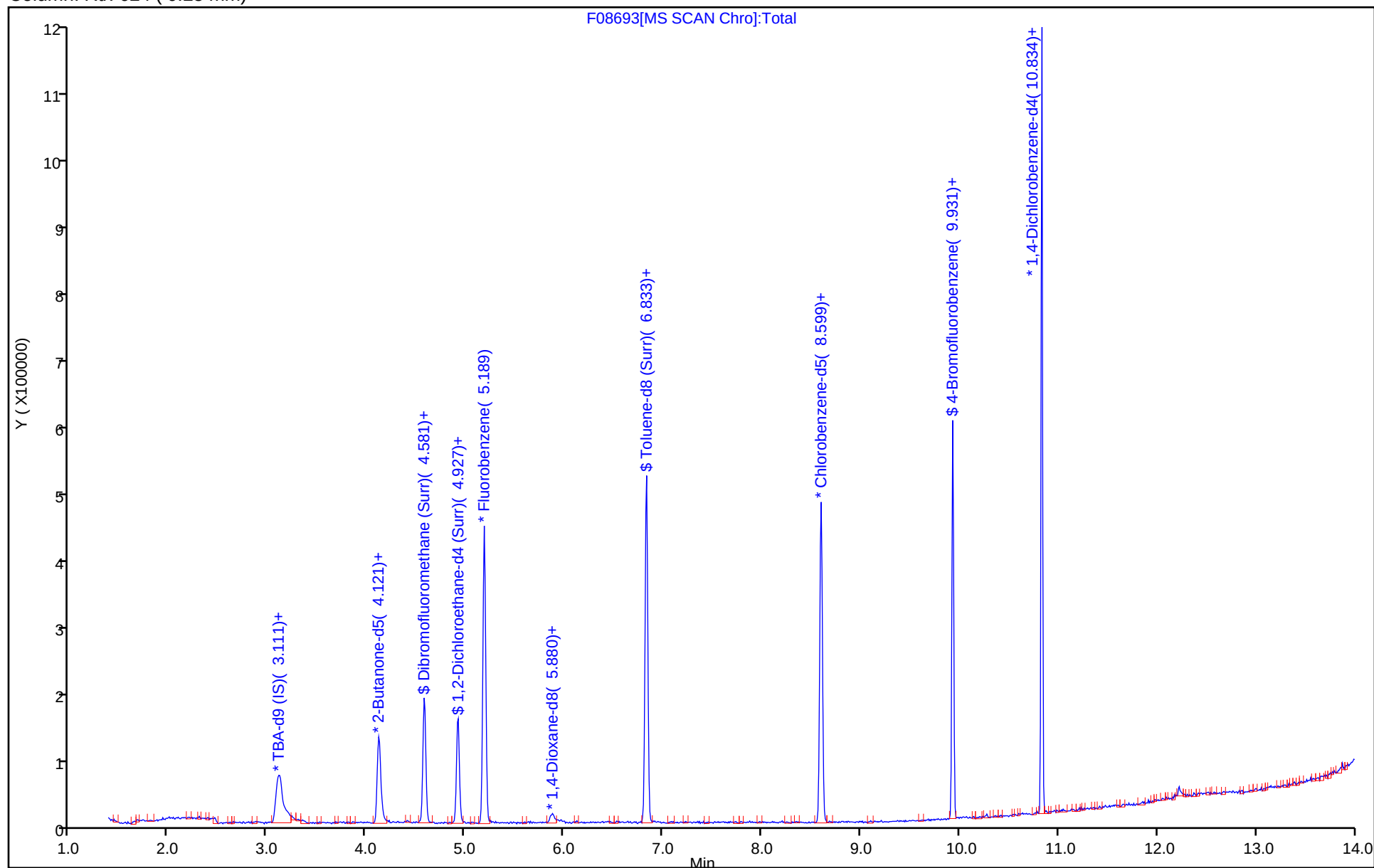
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08693.D

Injection Date: 12-Dec-2020 10:33:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

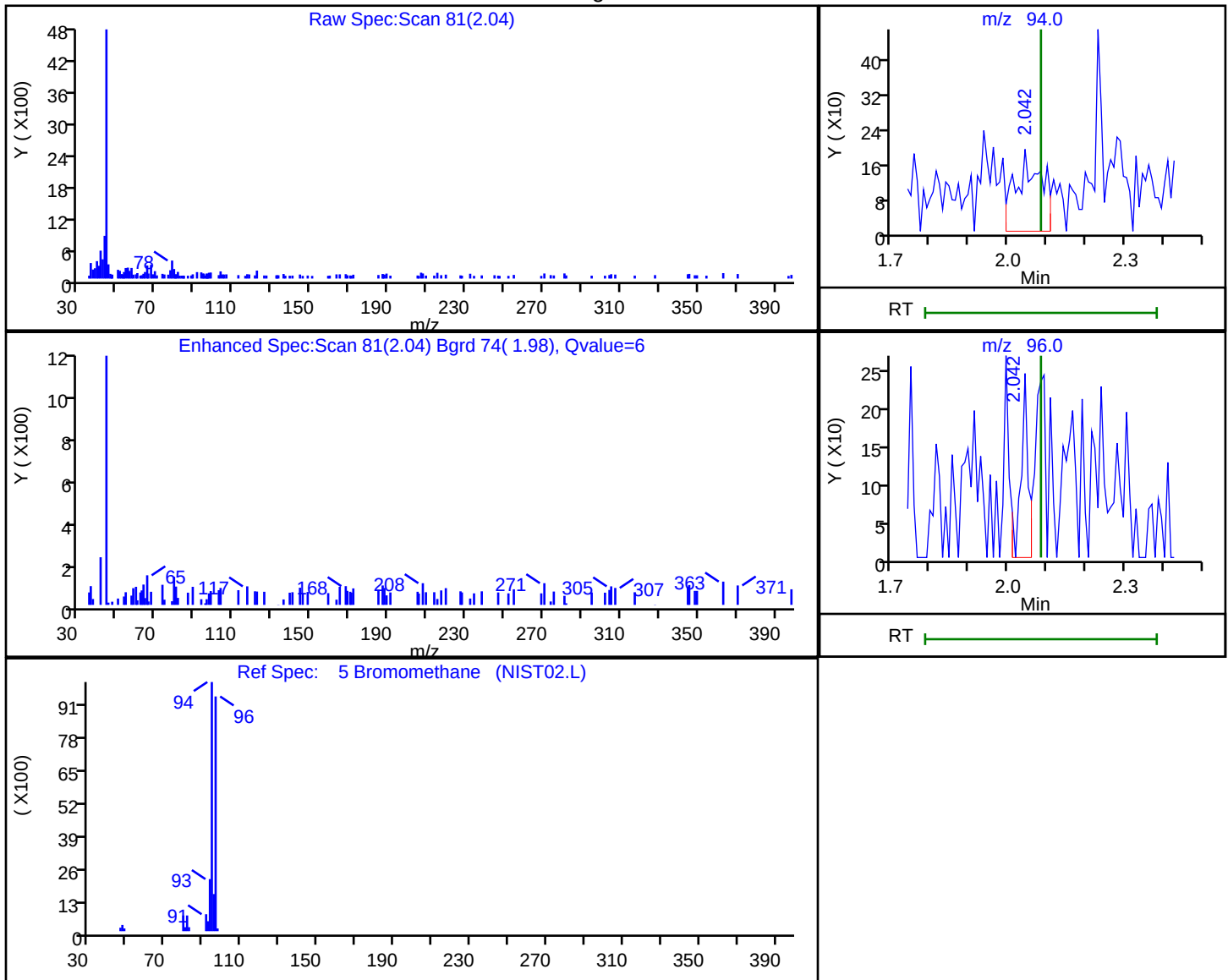
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.04	94.00	844	0.248877
2.04	96.00	318	

Reviewer: starzecm, 12-Dec-2020 12:37:21

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.: 460-224433-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-746441/4

Matrix: Water Lab File ID: F08689.D

Analysis Method: 624.1 Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 08:54

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	22.4		1.0	0.41
74-87-3	Chloromethane	21.6		1.0	0.43
74-83-9	Bromomethane	21.6		1.0	0.45
75-01-4	Vinyl chloride	22.8		1.0	0.34
75-00-3	Ethyl Chloride	22.3		1.0	0.32
75-69-4	Trichlorofluoromethane	24.3		1.0	0.14
76-13-1	Freon TF	21.9		1.0	0.31
75-09-2	Methylene Chloride	22.7		1.0	0.32
67-64-1	Acetone	103		6.0	5.0
75-15-0	Carbon disulfide	23.9		1.0	0.16
79-20-9	Methyl acetate	43.2		5.0	0.31
75-35-4	1,1-Dichloroethene	24.1		1.0	0.12
75-34-3	1,1-Dichloroethane	22.9		1.0	0.26
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
156-60-5	trans-1,2-Dichloroethene	23.7		1.0	0.24
1634-04-4	MTBE	21.3		1.0	0.20
67-66-3	Chloroform	22.6		1.0	0.33
107-06-2	1,2-Dichloroethane	20.4		1.0	0.84
78-93-3	2-Butanone	113		5.0	1.9
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.24
110-82-7	Cyclohexane	21.9		1.0	0.32
56-23-5	Carbon tetrachloride	20.8		1.0	0.21
75-27-4	Bromodichloromethane	21.1		1.0	0.34
78-87-5	1,2-Dichloropropane	21.7		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.46
79-01-6	Trichloroethene	20.9		1.0	0.31
108-87-2	Methylcyclohexane	22.1		1.0	0.26
124-48-1	Dibromochloromethane	19.1		1.0	0.13
79-00-5	1,1,2-Trichloroethane	22.7		1.0	0.15
71-43-2	Benzene	22.5		1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
75-25-2	Bromoform	18.5		1.0	0.54
98-82-8	Isopropylbenzene	22.4		1.0	0.16
108-10-1	4-Methyl-2-pentanone	114		5.0	2.7
591-78-6	2-Hexanone	109		5.0	2.9
127-18-4	Tetrachloroethene	21.8		1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-746441/4
 Matrix: Water Lab File ID: F08689.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 08:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	21.8		1.0	0.50
108-88-3	Toluene	21.1		1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.37
108-90-7	Chlorobenzene	22.1		1.0	0.38
100-41-4	Ethylbenzene	21.8		1.0	0.30
100-42-5	Styrene	22.4		1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.38
541-73-1	1,3-Dichlorobenzene	21.6		1.0	0.13
106-46-7	1,4-Dichlorobenzene	22.2		1.0	0.18
95-50-1	1,2-Dichlorobenzene	22.5		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	22.9		1.0	0.37
1330-20-7	Xylenes, Total	45.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		60-140
2037-26-5	Toluene-d8 (Surr)	99		60-140
460-00-4	Bromofluorobenzene	106		60-140
1868-53-7	Dibromofluoromethane (Surr)	106		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08689.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Dec-2020 08:54:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0121489-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 19:58:51 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1617

First Level Reviewer: starzecm

Date: 12-Dec-2020 10:14:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.558	0.000	97	69232	20.0	22.4	
2 Chloromethane	50	1.730	1.730	0.000	99	73140	20.0	21.6	
3 Butadiene	54	1.812	1.804	0.008	87	72428	20.0	23.7	
4 Vinyl chloride	62	1.804	1.804	0.000	97	80250	20.0	22.8	
5 Bromomethane	94	2.084	2.084	0.000	99	70427	20.0	21.6	
6 Chloroethane	64	2.133	2.133	0.000	99	54904	20.0	22.3	
7 Dichlorofluoromethane	67	2.297	2.297	0.000	99	126572	NC	NC	
8 Trichlorofluoromethane	101	2.305	2.297	0.008	96	120574	20.0	24.3	
9 Pentane	72	2.322	2.322	0.000	97	24000	40.0	52.0	
11 Ethanol	46	2.503	2.494	0.009	71	7497	800.0	806.4	
10 Ethyl ether	59	2.494	2.494	0.000	93	43622	20.0	27.3	
12 2-Methyl-1,3-butadiene	53	2.519	2.519	0.000	97	47556	20.0	28.6	
15 Acrolein	56	2.667	2.667	0.000	32	6931	40.0	36.3	
16 112TCTFE	101	2.692	2.692	0.000	67	49698	20.0	21.9	
17 1,1-Dichloroethene	96	2.700	2.700	0.000	95	46051	20.0	24.1	
18 Acetone	43	2.782	2.774	0.008	88	51687	100.0	103.2	
19 Iodomethane	142	2.856	2.856	0.000	97	94946	20.0	24.3	
20 Isopropyl alcohol	45	2.864	2.856	0.008	28	17297	200.0	164.5	
21 Carbon disulfide	76	2.881	2.881	0.000	100	163343	20.0	23.9	
22 3-Chloro-1-propene	41	2.996	2.987	0.009	94	67303	20.0	21.7	
23 Methyl acetate	43	3.004	2.996	0.008	98	57523	40.0	43.2	
24 Cyclopentene	67	3.012	3.012	0.000	94	103586	NC	NC	
25 Acetonitrile	41	3.061	3.053	0.008	92	62710	200.0	248.1	a
* 27 TBA-d9 (IS)	65	3.111	3.102	0.009	0	217533	1000.0	1000.0	
26 Methylene Chloride	84	3.119	3.119	0.000	88	52881	20.0	22.7	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	34	46588	200.0	240.3	a
29 Methyl tert-butyl ether	73	3.267	3.267	0.000	96	126657	20.0	21.3	
30 trans-1,2-Dichloroethene	96	3.291	3.291	0.000	90	50827	20.0	23.7	
31 Acrylonitrile	53	3.357	3.349	0.008	94	166728	200.0	202.7	
32 Hexane	43	3.439	3.431	0.008	90	31094	20.0	21.8	
33 Isopropyl ether	45	3.645	3.637	0.008	86	114033	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.669	3.669	0.000	99	75771	20.0	22.9	
35 Vinyl acetate	86	3.678	3.678	0.000	99	20646	40.0	43.1	
36 2-Chloro-1,3-butadiene	88	3.710	3.710	0.000	89	40294	NC	NC	
37 Tert-butyl ethyl ether	59	3.949	3.941	0.008	90	121938	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	188203	250.0	250.0	
39 2,2-Dichloropropane	97	4.146	4.154	-0.008	87	17283	20.0	22.6	
40 cis-1,2-Dichloroethene	96	4.162	4.162	0.000	99	52330	20.0	23.7	
42 2-Butanone (MEK)	72	4.179	4.179	0.000	97	24546	100.0	113.2	
41 Ethyl acetate	70	4.179	4.187	-0.008	94	8369	40.0	48.1	
43 Methyl acrylate	55	4.236	4.236	0.000	55	30150	NC	NC	
44 Propionitrile	54	4.302	4.302	0.000	98	57052	NC	NC	
45 Chlorobromomethane	128	4.384	4.384	0.000	72	29137	20.0	22.9	
46 Tetrahydrofuran	72	4.384	4.384	0.000	57	11653	40.0	48.4	
47 Methacrylonitrile	67	4.401	4.401	0.000	88	165925	NC	NC	
48 Chloroform	83	4.434	4.434	0.000	99	77648	20.0	22.6	
49 Cyclohexane	84	4.573	4.565	0.008	86	76683	20.0	21.9	
50 1,1,1-Trichloroethane	97	4.581	4.581	0.000	70	74924	20.0	22.1	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.581	0.000	98	113088	50.0	52.9	
52 Carbon tetrachloride	117	4.696	4.697	-0.001	96	62560	20.0	20.8	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	97	54581	20.0	21.2	
54 Isobutyl alcohol	43	4.836	4.844	-0.008	96	22673	NC	NC	
55 Benzene	78	4.910	4.910	0.000	97	166175	20.0	22.5	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.927	4.927	0.000	0	108078	50.0	46.8	
57 Isopropyl acetate	43	4.968	4.968	0.000	77	102338	20.0	20.6	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	92	135217	NC	NC	
59 1,2-Dichloroethane	62	5.001	4.992	0.008	96	50741	20.0	20.4	
60 n-Heptane	57	5.066	5.066	0.000	87	29151	20.0	21.6	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	419040	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	86	23262	500.0	480.7	
63 Trichloroethene	95	5.535	5.535	0.000	94	40112	20.0	20.9	
64 Ethyl acrylate	55	5.658	5.658	0.000	94	92534	20.0	19.7	
65 Methylcyclohexane	83	5.666	5.666	0.000	87	83532	20.0	22.1	
66 1,2-Dichloropropane	63	5.822	5.814	0.008	92	38248	20.0	21.7	
* 67 1,4-Dioxane-d8	96	5.872	5.872	0.000	0	21293	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	79	22626	40.0	39.0	
71 1,4-Dioxane	88	5.929	5.929	0.000	80	10131	400.0	439.3	
69 Dibromomethane	93	5.945	5.945	0.000	91	26987	20.0	20.6	
70 n-Propyl acetate	43	5.954	5.954	0.000	96	39495	20.0	16.3	
72 Dichlorobromomethane	83	6.093	6.093	0.000	99	50684	20.0	21.1	
74 2-Nitropropane	41	6.422	6.422	0.000	82	16518	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	79	20351	20.0	18.1	
75 Epichlorohydrin	57	6.537	6.529	0.008	99	71732	400.0	408.1	
76 cis-1,3-Dichloropropene	75	6.586	6.586	0.000	91	59609	20.0	20.0	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	95	164543	100.0	114.1	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	373881	50.0	49.7	
79 Toluene	91	6.907	6.907	0.000	94	167204	20.0	21.1	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	53134	20.0	19.3	
81 Ethyl methacrylate	69	7.285	7.285	0.000	86	47374	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	95	30083	20.0	22.7	
83 Tetrachloroethene	166	7.507	7.507	0.000	95	50035	20.0	21.8	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	91	56955	20.0	20.6	
85 2-Hexanone	43	7.737	7.737	0.000	93	100479	100.0	108.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	7.860	7.860	0.000	98	49092	20.0	19.2	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	37666	20.0	19.1	
88 Ethylene Dibromide	107	8.049	8.049	0.000	96	39613	20.0	21.8	
* 89 Chlorobenzene-d5	117	8.600	8.600	0.000	83	321189	50.0	50.0	
90 Chlorobenzene	112	8.632	8.632	0.000	98	118986	20.0	22.1	
91 Ethylbenzene	106	8.739	8.747	-0.008	98	64442	20.0	21.8	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	48027	20.0	21.3	
93 m-Xylene & p-Xylene	106	8.904	8.904	0.000	0	78922	20.0	22.2	
94 n-Butyl acrylate	73	9.380	9.380	0.000	98	31285	20.0	21.0	
95 o-Xylene	106	9.380	9.380	0.000	95	84380	20.0	22.8	
96 Styrene	104	9.413	9.413	0.000	97	130979	20.0	22.4	
97 Amyl acetate (mixed isomers)	43	9.618	9.610	0.008	93	65689	20.0	18.0	
98 Bromoform	173	9.618	9.618	0.000	98	29241	20.0	18.5	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	221073	20.0	22.4	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	96	146454	50.0	52.8	
101 Bromobenzene	156	10.054	10.054	0.000	89	60160	20.0	21.4	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	53574	20.0	20.5	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	250543	20.0	20.8	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	96	17502	20.0	20.6	
105 trans-1,4-Dichloro-2-butene	53	10.153	10.153	-0.001	77	7683	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	97	173169	20.0	21.0	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	217758	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	94	186699	20.0	20.5	
109 4-Chlorotoluene	91	10.309	10.309	0.000	95	150854	20.0	20.2	
110 Butyl Methacrylate	87	10.366	10.366	0.000	86	65527	20.0	23.3	
111 tert-Butylbenzene	119	10.514	10.514	0.000	96	155624	20.0	19.8	
112 1,2,4-Trimethylbenzene	105	10.563	10.563	0.000	97	199493	20.0	21.4	
113 sec-Butylbenzene	105	10.678	10.678	0.000	99	247552	20.0	20.7	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	96	122903	20.0	21.6	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	228294	20.0	21.0	
* 116 1,4-Dichlorobenzene-d4	152	10.835	10.835	-0.001	93	214668	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	97	126980	20.0	22.2	
118 1,2,3-Trimethylbenzene	105	10.867	10.867	0.000	97	209564	20.0	20.6	
119 Benzyl chloride	91	10.950	10.950	0.000	100	116567	20.0	19.9	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	211356	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	96	125208	NC	NC	
122 n-Butylbenzene	92	11.056	11.056	0.000	97	116853	20.0	21.7	
123 1,2-Dichlorobenzene	146	11.097	11.097	0.000	98	127804	20.0	22.5	
124 1,2,4,5-Tetramethylbenzene	119	11.517	11.517	0.000	98	232862	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.582	11.582	0.000	92	16879	20.0	17.4	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	0.000	97	116016	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.059	12.059	0.000	93	116108	20.0	22.9	
128 Hexachlorobutadiene	225	12.125	12.125	0.000	96	46359	20.0	22.0	
129 Naphthalene	128	12.215	12.215	0.000	99	279593	20.0	22.3	
130 1,2,3-Trichlorobenzene	180	12.371	12.371	0.000	95	109972	20.0	22.8	
S 131 1,2-Dichloroethene, Total	100				0		40.0	47.4	
S 132 Xylenes, Total	100				0		40.0	45.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00398	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 20.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08689.D

Injection Date: 12-Dec-2020 08:54:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

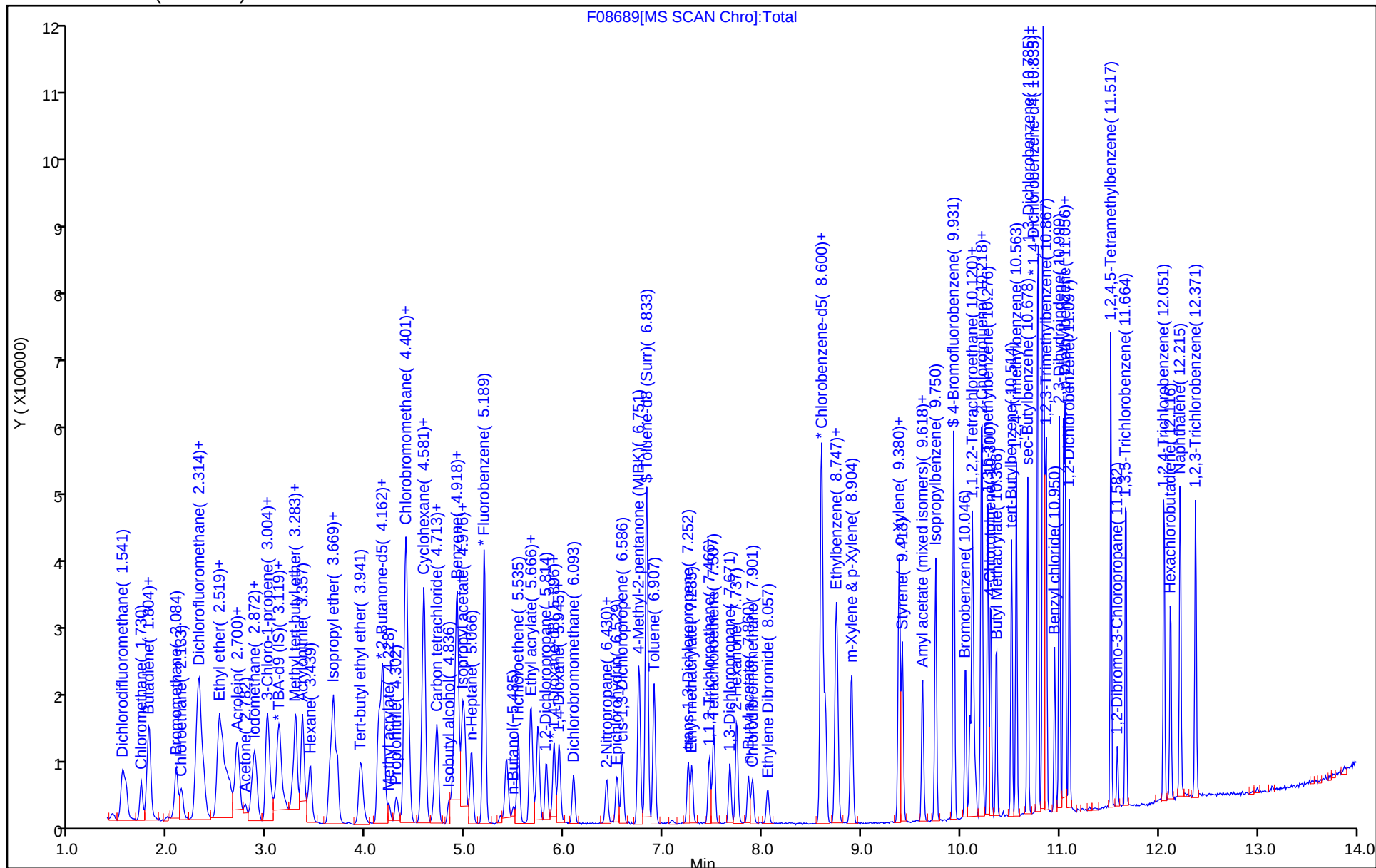
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-746441/5

Matrix: Water Lab File ID: F08690.D

Analysis Method: 624.1 Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 09:19

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	20.2		1.0	0.41
74-87-3	Chloromethane	20.2		1.0	0.43
74-83-9	Bromomethane	20.1		1.0	0.45
75-01-4	Vinyl chloride	20.6		1.0	0.34
75-00-3	Ethyl Chloride	21.2		1.0	0.32
75-69-4	Trichlorofluoromethane	21.4		1.0	0.14
76-13-1	Freon TF	19.0		1.0	0.31
75-09-2	Methylene Chloride	20.7		1.0	0.32
67-64-1	Acetone	106		6.0	5.0
75-15-0	Carbon disulfide	20.6		1.0	0.16
79-20-9	Methyl acetate	39.6		5.0	0.31
75-35-4	1,1-Dichloroethene	21.0		1.0	0.12
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.22
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.24
1634-04-4	MTBE	19.3		1.0	0.20
67-66-3	Chloroform	20.1		1.0	0.33
107-06-2	1,2-Dichloroethane	18.2		1.0	0.84
78-93-3	2-Butanone	106		5.0	1.9
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.24
110-82-7	Cyclohexane	18.8		1.0	0.32
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
75-27-4	Bromodichloromethane	18.9		1.0	0.34
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.46
79-01-6	Trichloroethene	19.4		1.0	0.31
108-87-2	Methylcyclohexane	19.6		1.0	0.26
124-48-1	Dibromochloromethane	18.0		1.0	0.13
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.15
71-43-2	Benzene	19.8		1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	17.5		1.0	0.22
75-25-2	Bromoform	17.1		1.0	0.54
98-82-8	Isopropylbenzene	20.2		1.0	0.16
108-10-1	4-Methyl-2-pentanone	106		5.0	2.7
591-78-6	2-Hexanone	101		5.0	2.9
127-18-4	Tetrachloroethene	19.2		1.0	0.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-746441/5
 Matrix: Water Lab File ID: F08690.D
 Analysis Method: 624.1 Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 12/12/2020 09:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 746441 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	19.7		1.0	0.50
108-88-3	Toluene	19.7		1.0	0.38
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.37
108-90-7	Chlorobenzene	20.1		1.0	0.38
100-41-4	Ethylbenzene	19.4		1.0	0.30
100-42-5	Styrene	20.1		1.0	0.42
96-12-8	1,2-Dibromo-3-Chloropropane	16.6		1.0	0.38
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.13
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.18
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
1330-20-7	Xylenes, Total	39.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		60-140
2037-26-5	Toluene-d8 (Surr)	98		60-140
460-00-4	Bromofluorobenzene	105		60-140
1868-53-7	Dibromofluoromethane (Surr)	102		60-140

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08690.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 12-Dec-2020 09:19:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0121489-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\8260624W6.m
 Limit Group: VOA 624.1 ICAL
 Last Update: 14-Dec-2020 20:08:58 Calib Date: 09-Dec-2020 16:55:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CVOAMS6\20201209-121321.b\F08556.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1617

First Level Reviewer: starzecm

Date: 12-Dec-2020 10:17:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.549	1.558	-0.009	82	68010	20.0	20.2	
2 Chloromethane	50	1.722	1.730	-0.008	100	74376	20.0	20.2	
3 Butadiene	54	1.796	1.804	-0.008	92	71152	20.0	21.4	
4 Vinyl chloride	62	1.796	1.804	-0.008	97	78838	20.0	20.6	
5 Bromomethane	94	2.075	2.084	-0.009	99	71497	20.0	20.1	
6 Chloroethane	64	2.125	2.133	-0.008	99	56923	20.0	21.2	
7 Dichlorofluoromethane	67	2.281	2.297	-0.016	97	126786	NC	NC	
8 Trichlorofluoromethane	101	2.297	2.297	0.000	90	115359	20.0	21.4	
9 Pentane	72	2.305	2.322	-0.017	96	23559	40.0	44.7	
11 Ethanol	46	2.486	2.494	-0.008	75	6886	800.0	648.2	
10 Ethyl ether	59	2.486	2.494	-0.008	91	42197	20.0	24.3	
12 2-Methyl-1,3-butadiene	53	2.511	2.519	-0.008	96	45082	20.0	24.9	
15 Acrolein	56	2.650	2.667	-0.017	69	9050	40.0	41.4	
16 112TCTFE	101	2.675	2.692	-0.017	89	46878	20.0	19.0	
17 1,1-Dichloroethene	96	2.700	2.700	0.000	96	43703	20.0	21.0	
18 Acetone	43	2.765	2.774	-0.009	88	57900	100.0	105.7	
19 Iodomethane	142	2.848	2.856	-0.008	97	91116	20.0	21.5	
20 Isopropyl alcohol	45	2.856	2.856	0.000	35	20967	200.0	174.5	
21 Carbon disulfide	76	2.872	2.881	-0.009	100	152896	20.0	20.6	
22 3-Chloro-1-propene	41	2.987	2.987	0.000	91	59052	20.0	17.5	
23 Methyl acetate	43	2.987	2.996	-0.009	99	57302	40.0	39.6	
24 Cyclopentene	67	3.004	3.012	-0.008	93	101136	NC	NC	
25 Acetonitrile	41	3.053	3.053	0.000	93	57665	200.0	199.6	Ma
* 27 TBA-d9 (IS)	65	3.102	3.102	0.000	0	248583	1000.0	1000.0	
26 Methylene Chloride	84	3.111	3.119	-0.008	88	52520	20.0	20.7	
28 2-Methyl-2-propanol	59	3.160	3.176	-0.016	96	45867	200.0	207.1	a
29 Methyl tert-butyl ether	73	3.258	3.267	-0.009	96	125052	20.0	19.3	
30 trans-1,2-Dichloroethene	96	3.283	3.291	-0.008	92	47504	20.0	20.4	
31 Acrylonitrile	53	3.349	3.349	0.000	94	164530	200.0	183.9	
32 Hexane	43	3.423	3.431	-0.008	89	27106	20.0	17.5	
33 Isopropyl ether	45	3.628	3.637	-0.009	93	110488	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.661	3.669	-0.008	99	72166	20.0	20.0	
35 Vinyl acetate	86	3.669	3.678	-0.009	99	19952	40.0	38.3	
36 2-Chloro-1,3-butadiene	88	3.702	3.710	-0.008	91	37635	NC	NC	
37 Tert-butyl ethyl ether	59	3.940	3.941	-0.001	90	117164	NC	NC	
* 38 2-Butanone-d5	46	4.121	4.121	0.000	0	205706	250.0	250.0	
39 2,2-Dichloropropane	97	4.146	4.154	-0.008	94	17585	20.0	21.2	
40 cis-1,2-Dichloroethene	96	4.162	4.162	0.000	99	50487	20.0	21.0	
42 2-Butanone (MEK)	72	4.171	4.179	-0.008	97	25192	100.0	106.3	
41 Ethyl acetate	70	4.171	4.187	-0.016	94	8855	40.0	46.6	
43 Methyl acrylate	55	4.228	4.236	-0.008	99	30737	NC	NC	
44 Propionitrile	54	4.302	4.302	0.000	98	58041	NC	NC	
45 Chlorobromomethane	128	4.376	4.384	-0.008	82	26641	20.0	19.2	
46 Tetrahydrofuran	72	4.384	4.384	0.000	61	10765	40.0	40.9	
47 Methacrylonitrile	67	4.401	4.401	0.000	88	166770	NC	NC	
48 Chloroform	83	4.425	4.434	-0.009	99	74989	20.0	20.1	
49 Cyclohexane	84	4.565	4.565	0.000	88	71614	20.0	18.8	
50 1,1,1-Trichloroethane	97	4.581	4.581	0.000	68	72864	20.0	19.7	
\$ 51 Dibromofluoromethane (Surr)	113	4.581	4.581	0.000	98	118692	50.0	51.0	
52 Carbon tetrachloride	117	4.688	4.697	-0.009	97	60241	20.0	18.4	
53 1,1-Dichloropropene	75	4.713	4.721	-0.008	97	52847	20.0	18.8	
54 Isobutyl alcohol	43	4.836	4.844	-0.008	97	36073	NC	NC	
55 Benzene	78	4.910	4.910	0.000	96	158992	20.0	19.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.918	4.927	-0.009	0	118040	50.0	47.0	
57 Isopropyl acetate	43	4.968	4.968	0.000	95	111105	20.0	20.6	
58 Tert-amyl methyl ether	73	4.976	4.976	0.000	93	135344	NC	NC	
59 1,2-Dichloroethane	62	4.992	4.992	0.000	96	48999	20.0	18.2	
60 n-Heptane	57	5.058	5.066	-0.008	88	26716	20.0	18.2	
* 61 Fluorobenzene	96	5.189	5.190	-0.001	99	455712	50.0	50.0	
62 n-Butanol	56	5.485	5.485	0.000	85	24172	500.0	437.1	
63 Trichloroethene	95	5.535	5.535	0.000	95	40528	20.0	19.4	
64 Ethyl acrylate	55	5.658	5.658	0.000	97	91142	20.0	17.9	
65 Methylcyclohexane	83	5.666	5.666	0.000	88	80607	20.0	19.6	
66 1,2-Dichloropropane	63	5.814	5.814	0.000	90	37251	20.0	19.4	
* 67 1,4-Dioxane-d8	96	5.871	5.872	-0.001	0	24976	1000.0	1000.0	
68 Methyl methacrylate	100	5.896	5.896	0.000	80	22759	40.0	36.0	
71 1,4-Dioxane	88	5.929	5.929	0.000	43	10876	400.0	402.0	
69 Dibromomethane	93	5.945	5.945	0.000	91	26598	20.0	18.7	
70 n-Propyl acetate	43	5.954	5.954	0.000	97	43871	20.0	16.7	
72 Dichlorobromomethane	83	6.093	6.093	0.000	99	49527	20.0	18.9	
74 2-Nitropropane	41	6.422	6.422	0.000	84	17320	NC	NC	
73 2-Chloroethyl vinyl ether	63	6.430	6.430	0.000	81	21694	20.0	17.7	
75 Epichlorohydrin	57	6.529	6.529	0.000	98	74148	400.0	386.0	
76 cis-1,3-Dichloropropene	75	6.586	6.586	0.000	91	60419	20.0	18.7	
77 4-Methyl-2-pentanone (MIBK)	43	6.751	6.751	0.000	94	166715	100.0	105.8	
\$ 78 Toluene-d8 (Surr)	98	6.833	6.833	0.000	100	401373	50.0	49.1	
79 Toluene	91	6.907	6.907	0.000	95	169965	20.0	19.7	
80 trans-1,3-Dichloropropene	75	7.252	7.252	0.000	97	52286	20.0	17.5	
81 Ethyl methacrylate	69	7.285	7.285	0.000	86	47348	NC	NC	
82 1,1,2-Trichloroethane	83	7.466	7.466	0.000	94	28459	20.0	19.7	
83 Tetrachloroethene	166	7.507	7.507	0.000	97	47957	20.0	19.2	
84 1,3-Dichloropropane	76	7.671	7.671	0.000	91	58096	20.0	19.3	
85 2-Hexanone	43	7.737	7.737	0.000	92	101699	100.0	100.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	7.860	7.860	0.000	97	48748	20.0	17.5	
87 Chlorodibromomethane	129	7.901	7.901	0.000	98	38655	20.0	18.0	
88 Ethylene Dibromide	107	8.049	8.049	0.000	98	39045	20.0	19.7	
* 89 Chlorobenzene-d5	117	8.599	8.600	-0.001	85	349274	50.0	50.0	
90 Chlorobenzene	112	8.632	8.632	0.000	98	117421	20.0	20.1	
91 Ethylbenzene	106	8.739	8.747	-0.008	98	62347	20.0	19.4	
92 1,1,1,2-Tetrachloroethane	131	8.756	8.756	0.000	94	46325	20.0	18.9	
93 m-Xylene & p-Xylene	106	8.903	8.904	-0.001	0	74428	20.0	19.2	
94 n-Butyl acrylate	73	9.380	9.380	0.000	98	31586	20.0	19.5	
95 o-Xylene	106	9.380	9.380	0.000	94	82802	20.0	20.6	
96 Styrene	104	9.413	9.413	0.000	97	127636	20.0	20.1	
97 Amyl acetate (mixed isomers)	43	9.618	9.610	0.008	93	64742	20.0	16.2	
98 Bromoform	173	9.618	9.618	0.000	97	29462	20.0	17.1	
99 Isopropylbenzene	105	9.750	9.750	0.000	95	217035	20.0	20.2	
\$ 100 4-Bromofluorobenzene	174	9.931	9.931	0.000	97	157756	50.0	52.3	
101 Bromobenzene	156	10.054	10.054	0.000	90	59059	20.0	19.2	
102 1,1,2,2-Tetrachloroethane	83	10.095	10.095	0.000	97	53443	20.0	18.7	
103 N-Propylbenzene	91	10.120	10.120	0.000	100	242308	20.0	18.4	
104 1,2,3-Trichloropropane	110	10.136	10.136	0.000	97	17706	20.0	19.0	
105 trans-1,4-Dichloro-2-butene	53	10.152	10.153	-0.001	79	8254	NC	NC	
106 2-Chlorotoluene	91	10.210	10.210	0.000	98	166993	20.0	18.5	
107 4-Ethyltoluene	105	10.218	10.218	0.000	98	210366	NC	NC	
108 1,3,5-Trimethylbenzene	105	10.276	10.276	0.000	93	184569	20.0	18.6	
109 4-Chlorotoluene	91	10.309	10.309	0.000	95	153217	20.0	18.8	
110 Butyl Methacrylate	87	10.358	10.366	-0.008	88	63219	20.0	20.5	
111 tert-Butylbenzene	119	10.514	10.514	0.000	96	152311	20.0	17.7	
112 1,2,4-Trimethylbenzene	105	10.563	10.563	0.000	96	193211	20.0	19.0	
113 sec-Butylbenzene	105	10.678	10.678	0.000	99	241605	20.0	18.5	
114 1,3-Dichlorobenzene	146	10.777	10.777	0.000	96	121462	20.0	19.5	
115 4-Isopropyltoluene	119	10.785	10.785	0.000	98	222517	20.0	18.7	
* 116 1,4-Dichlorobenzene-d4	152	10.834	10.835	-0.001	92	234510	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.851	10.851	0.000	97	122757	20.0	19.7	
118 1,2,3-Trimethylbenzene	105	10.867	10.867	0.000	97	207506	20.0	18.7	
119 Benzyl chloride	91	10.949	10.950	-0.001	99	116050	20.0	18.2	
120 2,3-Dihydroindene	117	10.999	10.999	0.000	94	208306	NC	NC	
121 p-Diethylbenzene	119	11.040	11.040	0.000	94	121449	NC	NC	
122 n-Butylbenzene	92	11.056	11.056	0.000	97	112589	20.0	19.2	
123 1,2-Dichlorobenzene	146	11.097	11.097	0.000	98	126180	20.0	20.3	
124 1,2,4,5-Tetramethylbenzene	119	11.516	11.517	-0.001	98	231378	NC	NC	
125 1,2-Dibromo-3-Chloropropane	157	11.582	11.582	0.000	93	17531	20.0	16.6	
126 1,3,5-Trichlorobenzene	180	11.673	11.673	0.000	97	116575	NC	NC	
127 1,2,4-Trichlorobenzene	180	12.051	12.059	-0.008	94	114967	20.0	20.7	
128 Hexachlorobutadiene	225	12.125	12.125	-0.001	96	45815	20.0	19.9	
129 Naphthalene	128	12.215	12.215	0.000	99	277910	20.0	20.3	
130 1,2,3-Trichlorobenzene	180	12.371	12.371	0.000	95	110180	20.0	20.9	
S 131 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 132 Xylenes, Total	100				0		40.0	39.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00398	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00130	Amount Added: 20.00	Units: uL	
ACROLEIN W_00116	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00042	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 14-Dec-2020 20:08:59

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20201212-121489.b\F08690.D

Injection Date: 12-Dec-2020 09:19:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

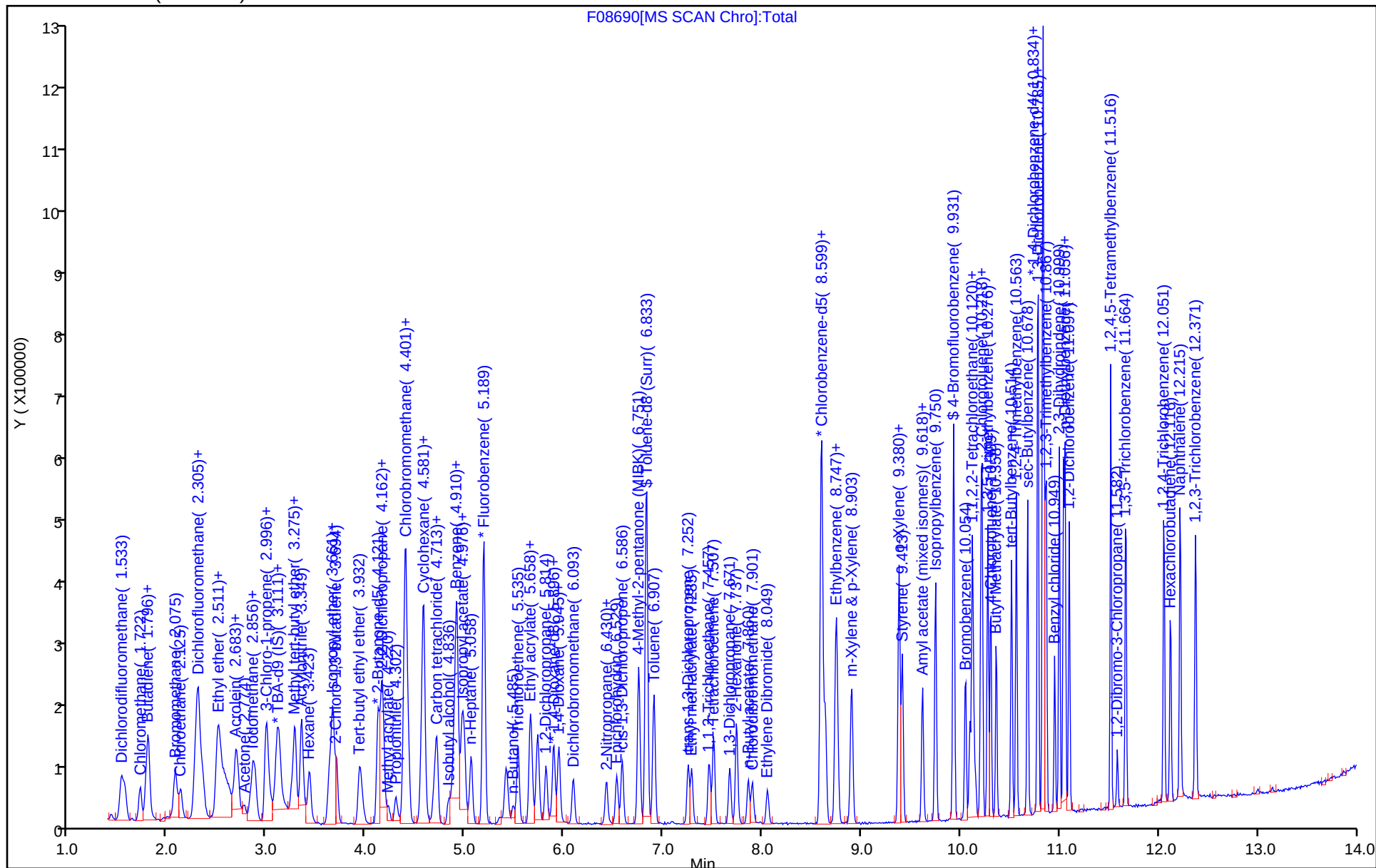
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 12/09/2020 13:14Analysis Batch Number: 745629 End Date: 12/10/2020 00:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-745629/1		12/09/2020 13:14	1	F08547.D	Rtx-624 0.25 (mm)
STD7 460-745629/3 IC		12/09/2020 14:03	1	F08549.D	Rtx-624 0.25 (mm)
STD1 460-745629/4 IC		12/09/2020 14:27	1	F08550.D	Rtx-624 0.25 (mm)
STD5 460-745629/6 IC		12/09/2020 15:17	1	F08552.D	Rtx-624 0.25 (mm)
STD20 460-745629/7 ICIS		12/09/2020 15:41	1	F08553.D	Rtx-624 0.25 (mm)
STD50 460-745629/8 IC		12/09/2020 16:06	1	F08554.D	Rtx-624 0.25 (mm)
STD200 460-745629/9 IC		12/09/2020 16:30	1	F08555.D	Rtx-624 0.25 (mm)
STD500 460-745629/10 IC		12/09/2020 16:55	1	F08556.D	Rtx-624 0.25 (mm)
ICV 460-745629/18		12/10/2020 00:00	1	F08564.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-224433-1

SDG No.: _____

Instrument ID: CVOAMS6Start Date: 12/12/2020 07:39Analysis Batch Number: 746441End Date: 12/12/2020 17:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-746441/1		12/12/2020 07:39	1	F08686.D	Rtx-624 0.25 (mm)
CCVIS 460-746441/3		12/12/2020 08:29	1	F08688.D	Rtx-624 0.25 (mm)
LCS 460-746441/4		12/12/2020 08:54	1	F08689.D	Rtx-624 0.25 (mm)
LCSD 460-746441/5		12/12/2020 09:19	1	F08690.D	Rtx-624 0.25 (mm)
MB 460-746441/8		12/12/2020 10:33	1	F08693.D	Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 11:22	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 11:46	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 12:09	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 12:34	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 12:58	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 13:23	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 13:47	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 14:12	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 14:37	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 15:02	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 15:26	1		Rtx-624 0.25 (mm)
460-224433-1	EPA-EXT-02	12/12/2020 15:51	1	F08706.D	Rtx-624 0.25 (mm)
460-224433-2	Effluent	12/12/2020 16:16	1	F08707.D	Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 16:41	1		Rtx-624 0.25 (mm)
ZZZZZ		12/12/2020 17:05	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Batch Number: 745629 Batch Start Date: 12/09/20 13:14 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00122	524freon 00030	8260 SP 00133	8260MIX1COMB 00130
BFB 460-745629/1		624.1		5 mL	5 mL				
STD7 460-745629/3 IC		624.1		5 mL	5 mL				
STD1 460-745629/4 IC		624.1		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-745629/6 IC		624.1		5 mL	5 mL		10 uL		10 uL
STD20 460-745629/7 ICIS		624.1		5 mL	5 mL		20 uL		20 uL
STD50 460-745629/8 IC		624.1		5 mL	5 mL		50 uL		50 uL
STD200 460-745629/9 IC		624.1		5 mL	5 mL				
STD500 460-745629/10 IC		624.1		5 mL	5 mL				
ICV 460-745629/18		624.1		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00026	8FreonsSS 00027	ACROLEIN SP 00119	ACROLEIN W 00116	ACRY/EPIH MIX 00080	BFB 00026
BFB 460-745629/1		624.1							1 uL
STD7 460-745629/3 IC		624.1						20 uL	
STD1 460-745629/4 IC		624.1					4 uL		
STD5 460-745629/6 IC		624.1					4 uL		
STD20 460-745629/7 ICIS		624.1					4 uL		
STD50 460-745629/8 IC		624.1					10 uL		
STD200 460-745629/9 IC		624.1		20 uL			20 uL		
STD500 460-745629/10 IC		624.1		50 uL			40 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.

624.1

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Batch Number: 745629 Batch Start Date: 12/09/20 13:14 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00026	8FreonsSS 00027	ACROLEIN SP 00119	ACROLEIN W 00116	ACRY/EPIH MIX 00080	BFB 00026
ICV 460-745629/18		624.1			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00047	GAS C SP 00386	GAS Hi 00376	GASES Li 00397	MIX 2 Hi 00105	MIX I Hi 00132
BFB 460-745629/1		624.1							
STD7 460-745629/3 IC		624.1					2.5 uL		
STD1 460-745629/4 IC		624.1					10 uL		
STD5 460-745629/6 IC		624.1					10 uL		
STD20 460-745629/7 ICIS		624.1					20 uL		
STD50 460-745629/8 IC		624.1					50 uL		
STD200 460-745629/9 IC		624.1		20 uL		20 uL		20 uL	20 uL
STD500 460-745629/10 IC		624.1		50 uL		50 uL		50 uL	50 uL
ICV 460-745629/18		624.1			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00042					
BFB 460-745629/1		624.1							
STD7 460-745629/3 IC		624.1		5 uL					
STD1 460-745629/4 IC		624.1		5 uL					
STD5 460-745629/6 IC		624.1		5 uL					
STD20 460-745629/7 ICIS		624.1		5 uL					
STD50 460-745629/8 IC		624.1		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.

624.1

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Batch Number: 745629 Batch Start Date: 12/09/20 13:14 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00042					
STD200 460-745629/9 IC		624.1		5 uL					
STD500 460-745629/10 IC		624.1		5 uL					
ICV 460-745629/18		624.1		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.

624.1

Page 3 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-224433-1

SDG No.: _____

Batch Number: 746441 Batch Start Date: 12/12/20 07:39 Batch Analyst: Starzec, MargaretBatch Method: 624.1 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260MIX1COMB 00130	ACROLEIN W 00116	BFB 00026
BFB 460-746441/1		624.1		5 mL	5 mL				1 uL
CCVIS 460-746441/3		624.1		5 mL	5 mL		20 uL	4 uL	
LCS 460-746441/4		624.1		5 mL	5 mL		20 uL	4 uL	
LCSD 460-746441/5		624.1		5 mL	5 mL		20 uL	4 uL	
MB 460-746441/8		624.1		5 mL	5 mL				
460-224433-A-1	EPA-EXT-02	624.1	T	5 mL	5 mL	<2 PH Units			
460-224433-A-2	Effluent	624.1	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00398	VOA6IS/SURR 00042				
BFB 460-746441/1		624.1							
CCVIS 460-746441/3		624.1		20 uL	5 uL				
LCS 460-746441/4		624.1		20 uL	5 uL				
LCSD 460-746441/5		624.1		20 uL	5 uL				
MB 460-746441/8		624.1			5 uL				
460-224433-A-1	EPA-EXT-02	624.1	T		5 uL				
460-224433-A-2	Effluent	624.1	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

[illegible]

total	12820	1800	335211	Ydlet	74	12/8/20	1905

22425

Number of Coolers: _____

IR Gun # _____

Cooler Temperatures

	TEMP		COOLING		STATUS
	REF	COND	TEMP	COOLING	
Cooler #1:	33	30.7	0	0	0
Cooler #2:		0	0	0	0
Cooler #3:		0	0	0	0

[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: Barred

Date: 12/8/20

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-224433-1

Login Number: 224433

List Number: 1

Creator: Lysy, Susan

List Source: Eurofins TestAmerica, Edison

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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 140-21261-1

Job Description: Stanton Cleaners #130072

Contract Number: C100700

For:

New York State D.E.C.

625 Broadway

11th Floor

Albany, NY 12233-3256

Attention: Mr. Payson Long



Approved for release.
Diana L. Lange
Project Management Assistant II
12/17/2020 1:53 PM

Designee for

Jamie A McKinney, Senior Project Manager

5815 Middlebrook Pike, Knoxville, TN, 37921

(865)291-3000

Jamie.McKinney@Eurofinset.com

12/17/2020

The test results in this report meet all 2003 NELAC and 2003 TNI requirements for accredited parameters, exceptions are noted in this report.

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.

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

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

Job Narrative
140-21261-1

Comments

No additional comments.

Receipt

The samples were received on 12/9/2020 10:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice.

Air - GC/MS VOA

Methods TO 15 LL, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Methods TO 15 LL, TO-15: The continuing calibration verification (CCV) associated with batch 140-45176 recovered above the upper control limit for Bromomethane and Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Methods TO 15 LL, TO-15: The laboratory control sample (LCS) for analytical batch 140-45176 recovered outside control limits for the following analytes: Bromomethane and Chloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - INF

Lab Sample ID: 140-21261-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		4.1		ppb v/v	3.08		TO 15 LL	Total/NA
Tetrachloroethene	780		8.2		ppb v/v	3.08		TO 15 LL	Total/NA
Trichloroethene	29		3.7		ppb v/v	3.08		TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	150		16		ug/m3	3.08		TO 15 LL	Total/NA
Tetrachloroethene	5300		56		ug/m3	3.08		TO 15 LL	Total/NA
Trichloroethene	160		20		ug/m3	3.08		TO 15 LL	Total/NA

Client Sample ID: SVE - EFF

Lab Sample ID: 140-21261-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	43		4.1		ppb v/v	3.06		TO 15 LL	Total/NA
Tetrachloroethene	1000		8.2		ppb v/v	3.06		TO 15 LL	Total/NA
Trichloroethene	33		3.7		ppb v/v	3.06		TO 15 LL	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	170		16		ug/m3	3.06		TO 15 LL	Total/NA
Tetrachloroethene	6800		55		ug/m3	3.06		TO 15 LL	Total/NA
Trichloroethene	180		20		ug/m3	3.06		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - INF

Lab Sample ID: 140-21261-1

Date Collected: 12/07/20 11:15

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,1,2,2-Tetrachloroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,1,2-Trichloroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,1,2-Trichlorotrifluoroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,1-Dichloroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,1-Dichloroethene	ND		4.1		ppb v/v			12/10/20 23:49	3.08
1,2,4-Trichlorobenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2,4-Trimethylbenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2-Dibromoethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2-Dichlorobenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2-Dichloroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2-Dichloropropane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,2-Dichlorotetrafluoroethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,3,5-Trimethylbenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,3-Dichlorobenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,4-Dichlorobenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
1,4-Dioxane	ND		21		ppb v/v			12/10/20 23:49	3.08
2,2,4-Trimethylpentane	ND		21		ppb v/v			12/10/20 23:49	3.08
2-Butanone	ND		33		ppb v/v			12/10/20 23:49	3.08
4-Methyl-2-pentanone (MIBK)	ND		21		ppb v/v			12/10/20 23:49	3.08
Benzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Benzyl chloride	ND		16		ppb v/v			12/10/20 23:49	3.08
Bromodichloromethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Bromoform	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Bromomethane	ND	*	8.2		ppb v/v			12/10/20 23:49	3.08
Carbon tetrachloride	ND		3.3		ppb v/v			12/10/20 23:49	3.08
Chlorobenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Chloroethane	ND	*	8.2		ppb v/v			12/10/20 23:49	3.08
Chloroform	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Chloromethane	ND		21		ppb v/v			12/10/20 23:49	3.08
cis-1,2-Dichloroethene	39		4.1		ppb v/v			12/10/20 23:49	3.08
cis-1,3-Dichloropropene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Cyclohexane	ND		21		ppb v/v			12/10/20 23:49	3.08
Dibromochloromethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Dichlorodifluoromethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Ethanol	ND		210		ppb v/v			12/10/20 23:49	3.08
Ethylbenzene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Hexachlorobutadiene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Hexane	ND		21		ppb v/v			12/10/20 23:49	3.08
Methyl tert-butyl ether	ND		16		ppb v/v			12/10/20 23:49	3.08
Methylene Chloride	ND		41		ppb v/v			12/10/20 23:49	3.08
m-Xylene & p-Xylene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Naphthalene	ND		21		ppb v/v			12/10/20 23:49	3.08
o-Xylene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Styrene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
t-Butyl alcohol	ND		33		ppb v/v			12/10/20 23:49	3.08
Tetrachloroethene	780		8.2		ppb v/v			12/10/20 23:49	3.08
Toluene	ND		12		ppb v/v			12/10/20 23:49	3.08

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - INF

Lab Sample ID: 140-21261-1

Date Collected: 12/07/20 11:15

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
trans-1,3-Dichloropropene	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Trichloroethene	29		3.7		ppb v/v			12/10/20 23:49	3.08
Trichlorofluoromethane	ND		8.2		ppb v/v			12/10/20 23:49	3.08
Vinyl chloride	ND		4.1		ppb v/v			12/10/20 23:49	3.08
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		45		ug/m3			12/10/20 23:49	3.08
1,1,2,2-Tetrachloroethane	ND		56		ug/m3			12/10/20 23:49	3.08
1,1,2-Trichloroethane	ND		45		ug/m3			12/10/20 23:49	3.08
1,1,2-Trichlorotrifluoroethane	ND		63		ug/m3			12/10/20 23:49	3.08
1,1-Dichloroethane	ND		33		ug/m3			12/10/20 23:49	3.08
1,1-Dichloroethene	ND		16		ug/m3			12/10/20 23:49	3.08
1,2,4-Trichlorobenzene	ND		61		ug/m3			12/10/20 23:49	3.08
1,2,4-Trimethylbenzene	ND		40		ug/m3			12/10/20 23:49	3.08
1,2-Dibromoethane	ND		63		ug/m3			12/10/20 23:49	3.08
1,2-Dichlorobenzene	ND		49		ug/m3			12/10/20 23:49	3.08
1,2-Dichloroethane	ND		33		ug/m3			12/10/20 23:49	3.08
1,2-Dichloropropane	ND		38		ug/m3			12/10/20 23:49	3.08
1,2-Dichlorotetrafluoroethane	ND		57		ug/m3			12/10/20 23:49	3.08
1,3,5-Trimethylbenzene	ND		40		ug/m3			12/10/20 23:49	3.08
1,3-Dichlorobenzene	ND		49		ug/m3			12/10/20 23:49	3.08
1,4-Dichlorobenzene	ND		49		ug/m3			12/10/20 23:49	3.08
1,4-Dioxane	ND		74		ug/m3			12/10/20 23:49	3.08
2,2,4-Trimethylpentane	ND		96		ug/m3			12/10/20 23:49	3.08
2-Butanone	ND		97		ug/m3			12/10/20 23:49	3.08
4-Methyl-2-pentanone (MIBK)	ND		84		ug/m3			12/10/20 23:49	3.08
Benzene	ND		26		ug/m3			12/10/20 23:49	3.08
Benzyl chloride	ND		85		ug/m3			12/10/20 23:49	3.08
Bromodichloromethane	ND		55		ug/m3			12/10/20 23:49	3.08
Bromoform	ND		85		ug/m3			12/10/20 23:49	3.08
Bromomethane	ND	*	32		ug/m3			12/10/20 23:49	3.08
Carbon tetrachloride	ND		21		ug/m3			12/10/20 23:49	3.08
Chlorobenzene	ND		38		ug/m3			12/10/20 23:49	3.08
Chloroethane	ND	*	22		ug/m3			12/10/20 23:49	3.08
Chloroform	ND		40		ug/m3			12/10/20 23:49	3.08
Chloromethane	ND		42		ug/m3			12/10/20 23:49	3.08
cis-1,2-Dichloroethene	150		16		ug/m3			12/10/20 23:49	3.08
cis-1,3-Dichloropropene	ND		37		ug/m3			12/10/20 23:49	3.08
Cyclohexane	ND		71		ug/m3			12/10/20 23:49	3.08
Dibromochloromethane	ND		70		ug/m3			12/10/20 23:49	3.08
Dichlorodifluoromethane	ND		41		ug/m3			12/10/20 23:49	3.08
Ethanol	ND		390		ug/m3			12/10/20 23:49	3.08
Ethylbenzene	ND		36		ug/m3			12/10/20 23:49	3.08
Hexachlorobutadiene	ND		88		ug/m3			12/10/20 23:49	3.08
Hexane	ND		72		ug/m3			12/10/20 23:49	3.08
Methyl tert-butyl ether	ND		59		ug/m3			12/10/20 23:49	3.08
Methylene Chloride	ND		140		ug/m3			12/10/20 23:49	3.08
m-Xylene & p-Xylene	ND		36		ug/m3			12/10/20 23:49	3.08

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - INF

Lab Sample ID: 140-21261-1

Date Collected: 12/07/20 11:15

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		110		ug/m3			12/10/20 23:49	3.08
o-Xylene	ND		36		ug/m3			12/10/20 23:49	3.08
Styrene	ND		35		ug/m3			12/10/20 23:49	3.08
t-Butyl alcohol	ND		100		ug/m3			12/10/20 23:49	3.08
Tetrachloroethene	5300		56		ug/m3			12/10/20 23:49	3.08
Toluene	ND		46		ug/m3			12/10/20 23:49	3.08
trans-1,2-Dichloroethene	ND		33		ug/m3			12/10/20 23:49	3.08
trans-1,3-Dichloropropene	ND		37		ug/m3			12/10/20 23:49	3.08
Trichloroethene	160		20		ug/m3			12/10/20 23:49	3.08
Trichlorofluoromethane	ND		46		ug/m3			12/10/20 23:49	3.08
Vinyl chloride	ND		10		ug/m3			12/10/20 23:49	3.08

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		60 - 140		12/10/20 23:49	3.08

Client Sample ID: SVE - EFF

Lab Sample ID: 140-21261-2

Date Collected: 12/07/20 11:19

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,1,2,2-Tetrachloroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,1,2-Trichloroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,1,2-Trichlorotrifluoroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,1-Dichloroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,1-Dichloroethene	ND		4.1		ppb v/v			12/11/20 00:40	3.06
1,2,4-Trichlorobenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2,4-Trimethylbenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2-Dibromoethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2-Dichlorobenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2-Dichloroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2-Dichloropropane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,2-Dichlorotetrafluoroethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,3,5-Trimethylbenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,3-Dichlorobenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,4-Dichlorobenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
1,4-Dioxane	ND		20		ppb v/v			12/11/20 00:40	3.06
2,2,4-Trimethylpentane	ND		20		ppb v/v			12/11/20 00:40	3.06
2-Butanone	ND		33		ppb v/v			12/11/20 00:40	3.06
4-Methyl-2-pentanone (MIBK)	ND		20		ppb v/v			12/11/20 00:40	3.06
Benzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Benzyl chloride	ND		16		ppb v/v			12/11/20 00:40	3.06
Bromodichloromethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Bromoform	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Bromomethane	ND	*	8.2		ppb v/v			12/11/20 00:40	3.06
Carbon tetrachloride	ND		3.3		ppb v/v			12/11/20 00:40	3.06
Chlorobenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - EFF

Lab Sample ID: 140-21261-2

Date Collected: 12/07/20 11:19

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND	*	8.2		ppb v/v			12/11/20 00:40	3.06
Chloroform	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Chloromethane	ND		20		ppb v/v			12/11/20 00:40	3.06
cis-1,2-Dichloroethene	43		4.1		ppb v/v			12/11/20 00:40	3.06
cis-1,3-Dichloropropene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Cyclohexane	ND		20		ppb v/v			12/11/20 00:40	3.06
Dibromochloromethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Dichlorodifluoromethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Ethanol	ND		200		ppb v/v			12/11/20 00:40	3.06
Ethylbenzene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Hexachlorobutadiene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Hexane	ND		20		ppb v/v			12/11/20 00:40	3.06
Methyl tert-butyl ether	ND		16		ppb v/v			12/11/20 00:40	3.06
Methylene Chloride	ND		41		ppb v/v			12/11/20 00:40	3.06
m-Xylene & p-Xylene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Naphthalene	ND		20		ppb v/v			12/11/20 00:40	3.06
o-Xylene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Styrene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
t-Butyl alcohol	ND		33		ppb v/v			12/11/20 00:40	3.06
Tetrachloroethene	1000		8.2		ppb v/v			12/11/20 00:40	3.06
Toluene	ND		12		ppb v/v			12/11/20 00:40	3.06
trans-1,2-Dichloroethene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
trans-1,3-Dichloropropene	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Trichloroethene	33		3.7		ppb v/v			12/11/20 00:40	3.06
Trichlorofluoromethane	ND		8.2		ppb v/v			12/11/20 00:40	3.06
Vinyl chloride	ND		4.1		ppb v/v			12/11/20 00:40	3.06

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		45		ug/m3			12/11/20 00:40	3.06
1,1,2,2-Tetrachloroethane	ND		56		ug/m3			12/11/20 00:40	3.06
1,1,2-Trichloroethane	ND		45		ug/m3			12/11/20 00:40	3.06
1,1,2-Trichlorotrifluoroethane	ND		63		ug/m3			12/11/20 00:40	3.06
1,1-Dichloroethane	ND		33		ug/m3			12/11/20 00:40	3.06
1,1-Dichloroethene	ND		16		ug/m3			12/11/20 00:40	3.06
1,2,4-Trichlorobenzene	ND		61		ug/m3			12/11/20 00:40	3.06
1,2,4-Trimethylbenzene	ND		40		ug/m3			12/11/20 00:40	3.06
1,2-Dibromoethane	ND		63		ug/m3			12/11/20 00:40	3.06
1,2-Dichlorobenzene	ND		49		ug/m3			12/11/20 00:40	3.06
1,2-Dichloroethane	ND		33		ug/m3			12/11/20 00:40	3.06
1,2-Dichloropropane	ND		38		ug/m3			12/11/20 00:40	3.06
1,2-Dichlorotetrafluoroethane	ND		57		ug/m3			12/11/20 00:40	3.06
1,3,5-Trimethylbenzene	ND		40		ug/m3			12/11/20 00:40	3.06
1,3-Dichlorobenzene	ND		49		ug/m3			12/11/20 00:40	3.06
1,4-Dichlorobenzene	ND		49		ug/m3			12/11/20 00:40	3.06
1,4-Dioxane	ND		74		ug/m3			12/11/20 00:40	3.06
2,2,4-Trimethylpentane	ND		95		ug/m3			12/11/20 00:40	3.06
2-Butanone	ND		96		ug/m3			12/11/20 00:40	3.06
4-Methyl-2-pentanone (MIBK)	ND		84		ug/m3			12/11/20 00:40	3.06
Benzene	ND		26		ug/m3			12/11/20 00:40	3.06

Client Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - EFF

Lab Sample ID: 140-21261-2

Date Collected: 12/07/20 11:19

Matrix: Air

Date Received: 12/09/20 10:00

Sample Container: Summa Canister 1L

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		84		ug/m3			12/11/20 00:40	3.06
Bromodichloromethane	ND		55		ug/m3			12/11/20 00:40	3.06
Bromoform	ND		84		ug/m3			12/11/20 00:40	3.06
Bromomethane	ND	*	32		ug/m3			12/11/20 00:40	3.06
Carbon tetrachloride	ND		21		ug/m3			12/11/20 00:40	3.06
Chlorobenzene	ND		38		ug/m3			12/11/20 00:40	3.06
Chloroethane	ND	*	22		ug/m3			12/11/20 00:40	3.06
Chloroform	ND		40		ug/m3			12/11/20 00:40	3.06
Chloromethane	ND		42		ug/m3			12/11/20 00:40	3.06
cis-1,2-Dichloroethene	170		16		ug/m3			12/11/20 00:40	3.06
cis-1,3-Dichloropropene	ND		37		ug/m3			12/11/20 00:40	3.06
Cyclohexane	ND		70		ug/m3			12/11/20 00:40	3.06
Dibromochloromethane	ND		70		ug/m3			12/11/20 00:40	3.06
Dichlorodifluoromethane	ND		40		ug/m3			12/11/20 00:40	3.06
Ethanol	ND		380		ug/m3			12/11/20 00:40	3.06
Ethylbenzene	ND		35		ug/m3			12/11/20 00:40	3.06
Hexachlorobutadiene	ND		87		ug/m3			12/11/20 00:40	3.06
Hexane	ND		72		ug/m3			12/11/20 00:40	3.06
Methyl tert-butyl ether	ND		59		ug/m3			12/11/20 00:40	3.06
Methylene Chloride	ND		140		ug/m3			12/11/20 00:40	3.06
m-Xylene & p-Xylene	ND		35		ug/m3			12/11/20 00:40	3.06
Naphthalene	ND		110		ug/m3			12/11/20 00:40	3.06
o-Xylene	ND		35		ug/m3			12/11/20 00:40	3.06
Styrene	ND		35		ug/m3			12/11/20 00:40	3.06
t-Butyl alcohol	ND		99		ug/m3			12/11/20 00:40	3.06
Tetrachloroethene	6800		55		ug/m3			12/11/20 00:40	3.06
Toluene	ND		46		ug/m3			12/11/20 00:40	3.06
trans-1,2-Dichloroethene	ND		32		ug/m3			12/11/20 00:40	3.06
trans-1,3-Dichloropropene	ND		37		ug/m3			12/11/20 00:40	3.06
Trichloroethene	180		20		ug/m3			12/11/20 00:40	3.06
Trichlorofluoromethane	ND		46		ug/m3			12/11/20 00:40	3.06
Vinyl chloride	ND		10		ug/m3			12/11/20 00:40	3.06

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		60 - 140		12/11/20 00:40	3.06

Default Detection Limits

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	RL	MDL	Units
1,1,1-Trichloroethane	0.080	0.037	ppb v/v
1,1,1-Trichloroethane	0.44	0.20	ug/m3
1,1,2,2-Tetrachloroethane	0.080	0.014	ppb v/v
1,1,2,2-Tetrachloroethane	0.55	0.096	ug/m3
1,1,2-Trichloroethane	0.080	0.0070	ppb v/v
1,1,2-Trichloroethane	0.44	0.038	ug/m3
1,1,2-Trichlorotrifluoroethane	0.080	0.0080	ppb v/v
1,1,2-Trichlorotrifluoroethane	0.61	0.061	ug/m3
1,1-Dichloroethane	0.080	0.0070	ppb v/v
1,1-Dichloroethane	0.32	0.028	ug/m3
1,1-Dichloroethene	0.040	0.0080	ppb v/v
1,1-Dichloroethene	0.16	0.032	ug/m3
1,2,4-Trichlorobenzene	0.080	0.064	ppb v/v
1,2,4-Trichlorobenzene	0.59	0.47	ug/m3
1,2,4-Trimethylbenzene	0.080	0.020	ppb v/v
1,2,4-Trimethylbenzene	0.39	0.098	ug/m3
1,2-Dibromoethane	0.080	0.0070	ppb v/v
1,2-Dibromoethane	0.61	0.054	ug/m3
1,2-Dichlorobenzene	0.080	0.031	ppb v/v
1,2-Dichlorobenzene	0.48	0.19	ug/m3
1,2-Dichloroethane	0.080	0.010	ppb v/v
1,2-Dichloroethane	0.32	0.040	ug/m3
1,2-Dichloropropane	0.080	0.010	ppb v/v
1,2-Dichloropropane	0.37	0.046	ug/m3
1,2-Dichlorotetrafluoroethane	0.080	0.012	ppb v/v
1,2-Dichlorotetrafluoroethane	0.56	0.084	ug/m3
1,3,5-Trimethylbenzene	0.080	0.022	ppb v/v
1,3,5-Trimethylbenzene	0.39	0.11	ug/m3
1,3-Dichlorobenzene	0.080	0.016	ppb v/v
1,3-Dichlorobenzene	0.48	0.096	ug/m3
1,4-Dichlorobenzene	0.080	0.016	ppb v/v
1,4-Dichlorobenzene	0.48	0.096	ug/m3
1,4-Dioxane	0.20	0.030	ppb v/v
1,4-Dioxane	0.72	0.11	ug/m3
2,2,4-Trimethylpentane	0.20	0.0080	ppb v/v
2,2,4-Trimethylpentane	0.93	0.037	ug/m3
2-Butanone	0.32	0.073	ppb v/v
2-Butanone	0.94	0.22	ug/m3
4-Methyl-2-pentanone (MIBK)	0.20	0.054	ppb v/v
4-Methyl-2-pentanone (MIBK)	0.82	0.22	ug/m3
Benzene	0.080	0.0080	ppb v/v
Benzene	0.26	0.026	ug/m3
Benzyl chloride	0.16	0.038	ppb v/v
Benzyl chloride	0.83	0.20	ug/m3
Bromodichloromethane	0.080	0.018	ppb v/v
Bromodichloromethane	0.54	0.12	ug/m3
Bromoform	0.080	0.0090	ppb v/v
Bromoform	0.83	0.093	ug/m3
Bromomethane	0.080	0.022	ppb v/v
Bromomethane	0.31	0.085	ug/m3
Carbon tetrachloride	0.032	0.0070	ppb v/v
Carbon tetrachloride	0.20	0.044	ug/m3
Chlorobenzene	0.080	0.0060	ppb v/v

Default Detection Limits

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Conti

Analyte	RL	MDL	Units
Chlorobenzene	0.37	0.028	ug/m3
Chloroethane	0.080	0.029	ppb v/v
Chloroethane	0.21	0.077	ug/m3
Chloroform	0.080	0.0070	ppb v/v
Chloroform	0.39	0.034	ug/m3
Chloromethane	0.20	0.066	ppb v/v
Chloromethane	0.41	0.14	ug/m3
cis-1,2-Dichloroethene	0.040	0.010	ppb v/v
cis-1,2-Dichloroethene	0.16	0.040	ug/m3
cis-1,3-Dichloropropene	0.080	0.016	ppb v/v
cis-1,3-Dichloropropene	0.36	0.073	ug/m3
Cyclohexane	0.20	0.023	ppb v/v
Cyclohexane	0.69	0.079	ug/m3
Dibromochloromethane	0.080	0.0070	ppb v/v
Dibromochloromethane	0.68	0.060	ug/m3
Dichlorodifluoromethane	0.080	0.014	ppb v/v
Dichlorodifluoromethane	0.40	0.069	ug/m3
Ethanol	2.0	0.87	ppb v/v
Ethanol	3.8	1.6	ug/m3
Ethylbenzene	0.080	0.013	ppb v/v
Ethylbenzene	0.35	0.056	ug/m3
Hexachlorobutadiene	0.080	0.032	ppb v/v
Hexachlorobutadiene	0.85	0.34	ug/m3
Hexane	0.20	0.013	ppb v/v
Hexane	0.70	0.046	ug/m3
Methyl tert-butyl ether	0.16	0.052	ppb v/v
Methyl tert-butyl ether	0.58	0.19	ug/m3
Methylene Chloride	0.40	0.39	ppb v/v
Methylene Chloride	1.4	1.4	ug/m3
m-Xylene & p-Xylene	0.080	0.029	ppb v/v
m-Xylene & p-Xylene	0.35	0.13	ug/m3
Naphthalene	0.20	0.076	ppb v/v
Naphthalene	1.0	0.40	ug/m3
o-Xylene	0.080	0.015	ppb v/v
o-Xylene	0.35	0.065	ug/m3
Styrene	0.080	0.024	ppb v/v
Styrene	0.34	0.10	ug/m3
t-Butyl alcohol	0.32	0.088	ppb v/v
t-Butyl alcohol	0.97	0.27	ug/m3
Tetrachloroethene	0.080	0.0070	ppb v/v
Tetrachloroethene	0.54	0.047	ug/m3
Toluene	0.12	0.078	ppb v/v
Toluene	0.45	0.29	ug/m3
trans-1,2-Dichloroethene	0.080	0.0070	ppb v/v
trans-1,2-Dichloroethene	0.32	0.028	ug/m3
trans-1,3-Dichloropropene	0.080	0.0090	ppb v/v
trans-1,3-Dichloropropene	0.36	0.041	ug/m3
Trichloroethene	0.036	0.0060	ppb v/v
Trichloroethene	0.19	0.032	ug/m3
Trichlorofluoromethane	0.080	0.011	ppb v/v
Trichlorofluoromethane	0.45	0.062	ug/m3
Vinyl chloride	0.040	0.026	ppb v/v
Vinyl chloride	0.10	0.066	ug/m3

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Matrix: Air

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB (60-140)							
140-21261-1	SVE - INF	85							
140-21261-2	SVE - EFF	85							
LCS 140-45176/1002	Lab Control Sample	94							
MB 140-45176/4	Method Blank	84							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 140-45176/4

Matrix: Air

Analysis Batch: 45176

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	ND		0.080		ppb v/v			12/10/20 16:53	1
1,1,2,2-Tetrachloroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,1,2-Trichloroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,1,2-Trichlorotrifluoroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,1-Dichloroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,1-Dichloroethene	ND		0.040		ppb v/v			12/10/20 16:53	1
1,2,4-Trichlorobenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2,4-Trimethylbenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2-Dibromoethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2-Dichlorobenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2-Dichloroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2-Dichloropropane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,2-Dichlorotetrafluoroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
1,3,5-Trimethylbenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,3-Dichlorobenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,4-Dichlorobenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
1,4-Dioxane	ND		0.20		ppb v/v			12/10/20 16:53	1
2,2,4-Trimethylpentane	ND		0.20		ppb v/v			12/10/20 16:53	1
2-Butanone	ND		0.32		ppb v/v			12/10/20 16:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.20		ppb v/v			12/10/20 16:53	1
Benzene	ND		0.080		ppb v/v			12/10/20 16:53	1
Benzyl chloride	ND		0.16		ppb v/v			12/10/20 16:53	1
Bromodichloromethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Bromoform	ND		0.080		ppb v/v			12/10/20 16:53	1
Bromomethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Carbon tetrachloride	ND		0.032		ppb v/v			12/10/20 16:53	1
Chlorobenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
Chloroethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Chloroform	ND		0.080		ppb v/v			12/10/20 16:53	1
Chloromethane	ND		0.20		ppb v/v			12/10/20 16:53	1
cis-1,2-Dichloroethene	ND		0.040		ppb v/v			12/10/20 16:53	1
cis-1,3-Dichloropropene	ND		0.080		ppb v/v			12/10/20 16:53	1
Cyclohexane	ND		0.20		ppb v/v			12/10/20 16:53	1
Dibromochloromethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Dichlorodifluoromethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Ethanol	ND		2.0		ppb v/v			12/10/20 16:53	1
Ethylbenzene	ND		0.080		ppb v/v			12/10/20 16:53	1
Hexachlorobutadiene	ND		0.080		ppb v/v			12/10/20 16:53	1
Hexane	ND		0.20		ppb v/v			12/10/20 16:53	1
Methyl tert-butyl ether	ND		0.16		ppb v/v			12/10/20 16:53	1
Methylene Chloride	ND		0.40		ppb v/v			12/10/20 16:53	1
m-Xylene & p-Xylene	ND		0.080		ppb v/v			12/10/20 16:53	1
Naphthalene	ND		0.20		ppb v/v			12/10/20 16:53	1
o-Xylene	ND		0.080		ppb v/v			12/10/20 16:53	1
Styrene	ND		0.080		ppb v/v			12/10/20 16:53	1
t-Butyl alcohol	ND		0.32		ppb v/v			12/10/20 16:53	1
Tetrachloroethene	ND		0.080		ppb v/v			12/10/20 16:53	1
Toluene	ND		0.12		ppb v/v			12/10/20 16:53	1

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 140-45176/4

Matrix: Air

Analysis Batch: 45176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.080		ppb v/v			12/10/20 16:53	1
trans-1,3-Dichloropropene	ND		0.080		ppb v/v			12/10/20 16:53	1
Trichloroethene	ND		0.036		ppb v/v			12/10/20 16:53	1
Trichlorofluoromethane	ND		0.080		ppb v/v			12/10/20 16:53	1
Vinyl chloride	ND		0.040		ppb v/v			12/10/20 16:53	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.44		ug/m3			12/10/20 16:53	1
1,1,2,2-Tetrachloroethane	ND		0.55		ug/m3			12/10/20 16:53	1
1,1,2-Trichloroethane	ND		0.44		ug/m3			12/10/20 16:53	1
1,1,2-Trichlorotrifluoroethane	ND		0.61		ug/m3			12/10/20 16:53	1
1,1-Dichloroethane	ND		0.32		ug/m3			12/10/20 16:53	1
1,1-Dichloroethene	ND		0.16		ug/m3			12/10/20 16:53	1
1,2,4-Trichlorobenzene	ND		0.59		ug/m3			12/10/20 16:53	1
1,2,4-Trimethylbenzene	ND		0.39		ug/m3			12/10/20 16:53	1
1,2-Dibromoethane	ND		0.61		ug/m3			12/10/20 16:53	1
1,2-Dichlorobenzene	ND		0.48		ug/m3			12/10/20 16:53	1
1,2-Dichloroethane	ND		0.32		ug/m3			12/10/20 16:53	1
1,2-Dichloropropane	ND		0.37		ug/m3			12/10/20 16:53	1
1,2-Dichlorotetrafluoroethane	ND		0.56		ug/m3			12/10/20 16:53	1
1,3,5-Trimethylbenzene	ND		0.39		ug/m3			12/10/20 16:53	1
1,3-Dichlorobenzene	ND		0.48		ug/m3			12/10/20 16:53	1
1,4-Dichlorobenzene	ND		0.48		ug/m3			12/10/20 16:53	1
1,4-Dioxane	ND		0.72		ug/m3			12/10/20 16:53	1
2,2,4-Trimethylpentane	ND		0.93		ug/m3			12/10/20 16:53	1
2-Butanone	ND		0.94		ug/m3			12/10/20 16:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.82		ug/m3			12/10/20 16:53	1
Benzene	ND		0.26		ug/m3			12/10/20 16:53	1
Benzyl chloride	ND		0.83		ug/m3			12/10/20 16:53	1
Bromodichloromethane	ND		0.54		ug/m3			12/10/20 16:53	1
Bromoform	ND		0.83		ug/m3			12/10/20 16:53	1
Bromomethane	ND		0.31		ug/m3			12/10/20 16:53	1
Carbon tetrachloride	ND		0.20		ug/m3			12/10/20 16:53	1
Chlorobenzene	ND		0.37		ug/m3			12/10/20 16:53	1
Chloroethane	ND		0.21		ug/m3			12/10/20 16:53	1
Chloroform	ND		0.39		ug/m3			12/10/20 16:53	1
Chloromethane	ND		0.41		ug/m3			12/10/20 16:53	1
cis-1,2-Dichloroethene	ND		0.16		ug/m3			12/10/20 16:53	1
cis-1,3-Dichloropropene	ND		0.36		ug/m3			12/10/20 16:53	1
Cyclohexane	ND		0.69		ug/m3			12/10/20 16:53	1
Dibromochloromethane	ND		0.68		ug/m3			12/10/20 16:53	1
Dichlorodifluoromethane	ND		0.40		ug/m3			12/10/20 16:53	1
Ethanol	ND		3.8		ug/m3			12/10/20 16:53	1
Ethylbenzene	ND		0.35		ug/m3			12/10/20 16:53	1
Hexachlorobutadiene	ND		0.85		ug/m3			12/10/20 16:53	1
Hexane	ND		0.70		ug/m3			12/10/20 16:53	1
Methyl tert-butyl ether	ND		0.58		ug/m3			12/10/20 16:53	1

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 140-45176/4

Matrix: Air

Analysis Batch: 45176

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.4		ug/m3			12/10/20 16:53	1
m-Xylene & p-Xylene	ND		0.35		ug/m3			12/10/20 16:53	1
Naphthalene	ND		1.0		ug/m3			12/10/20 16:53	1
o-Xylene	ND		0.35		ug/m3			12/10/20 16:53	1
Styrene	ND		0.34		ug/m3			12/10/20 16:53	1
t-Butyl alcohol	ND		0.97		ug/m3			12/10/20 16:53	1
Tetrachloroethene	ND		0.54		ug/m3			12/10/20 16:53	1
Toluene	ND		0.45		ug/m3			12/10/20 16:53	1
trans-1,2-Dichloroethene	ND		0.32		ug/m3			12/10/20 16:53	1
trans-1,3-Dichloropropene	ND		0.36		ug/m3			12/10/20 16:53	1
Trichloroethene	ND		0.19		ug/m3			12/10/20 16:53	1
Trichlorofluoromethane	ND		0.45		ug/m3			12/10/20 16:53	1
Vinyl chloride	ND		0.10		ug/m3			12/10/20 16:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		60 - 140					12/10/20 16:53	1

Lab Sample ID: LCS 140-45176/1002

Matrix: Air

Analysis Batch: 45176

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	2.00	1.86		ppb v/v		93	70 - 130
1,1,2,2-Tetrachloroethane	2.00	1.83		ppb v/v		92	70 - 130
1,1,2-Trichloroethane	2.00	1.79		ppb v/v		89	70 - 130
1,1,2-Trichlorotrifluoroethane	2.00	2.20		ppb v/v		110	70 - 130
1,1-Dichloroethane	2.00	1.93		ppb v/v		97	70 - 130
1,1-Dichloroethene	2.00	2.09		ppb v/v		105	70 - 130
1,2,4-Trichlorobenzene	2.00	2.06		ppb v/v		103	60 - 140
1,2,4-Trimethylbenzene	2.00	2.12		ppb v/v		106	70 - 130
1,2-Dibromoethane	2.00	1.85		ppb v/v		92	70 - 130
1,2-Dichlorobenzene	2.00	1.95		ppb v/v		98	70 - 130
1,2-Dichloroethane	2.00	1.81		ppb v/v		91	70 - 130
1,2-Dichloropropane	2.00	1.93		ppb v/v		96	70 - 130
1,2-Dichlorotetrafluoroethane	2.00	2.57		ppb v/v		129	60 - 140
1,3,5-Trimethylbenzene	2.00	1.79		ppb v/v		90	70 - 130
1,3-Dichlorobenzene	2.00	1.92		ppb v/v		96	70 - 130
1,4-Dichlorobenzene	2.00	1.93		ppb v/v		96	70 - 130
1,4-Dioxane	2.00	2.31		ppb v/v		115	60 - 140
2,2,4-Trimethylpentane	2.00	2.06		ppb v/v		103	70 - 130
2-Butanone	2.00	2.09		ppb v/v		105	60 - 140
4-Methyl-2-pentanone (MIBK)	2.00	2.03		ppb v/v		101	60 - 140
Benzene	2.00	2.10		ppb v/v		105	70 - 130
Benzyl chloride	2.00	1.90		ppb v/v		95	70 - 130
Bromodichloromethane	2.00	1.96		ppb v/v		98	70 - 130
Bromoform	2.00	1.98		ppb v/v		99	60 - 140
Bromomethane	2.00	2.80	*	ppb v/v		140	70 - 130

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 140-45176/1002

Matrix: Air

Analysis Batch: 45176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	2.00	1.87		ppb v/v		93	70 - 130
Chlorobenzene	2.00	1.87		ppb v/v		94	70 - 130
Chloroethane	2.00	2.72	*	ppb v/v		136	70 - 130
Chloroform	2.00	1.90		ppb v/v		95	70 - 130
Chloromethane	2.00	2.41		ppb v/v		120	60 - 140
cis-1,2-Dichloroethene	2.00	2.02		ppb v/v		101	70 - 130
cis-1,3-Dichloropropene	2.00	2.13		ppb v/v		107	70 - 130
Cyclohexane	2.00	2.06		ppb v/v		103	70 - 130
Dibromochloromethane	2.00	1.93		ppb v/v		97	70 - 130
Dichlorodifluoromethane	2.00	2.00		ppb v/v		100	60 - 140
Ethanol	10.0	11.8		ppb v/v		118	60 - 140
Ethylbenzene	2.00	2.03		ppb v/v		102	70 - 130
Hexachlorobutadiene	2.00	2.25		ppb v/v		112	60 - 140
Hexane	2.00	2.13		ppb v/v		106	70 - 130
Methyl tert-butyl ether	2.00	1.97		ppb v/v		99	60 - 140
Methylene Chloride	2.00	2.04		ppb v/v		102	70 - 130
m-Xylene & p-Xylene	4.00	4.08		ppb v/v		102	70 - 130
Naphthalene	2.00	2.21		ppb v/v		110	60 - 140
o-Xylene	2.00	2.01		ppb v/v		100	70 - 130
Styrene	2.00	2.24		ppb v/v		112	70 - 130
t-Butyl alcohol	2.00	1.95		ppb v/v		97	60 - 140
Tetrachloroethene	2.00	1.83		ppb v/v		91	70 - 130
Toluene	2.00	2.00		ppb v/v		100	70 - 130
trans-1,2-Dichloroethene	2.00	2.07		ppb v/v		104	70 - 130
trans-1,3-Dichloropropene	2.00	1.92		ppb v/v		96	70 - 130
Trichloroethene	2.00	2.13		ppb v/v		106	70 - 130
Trichlorofluoromethane	2.00	2.11		ppb v/v		105	60 - 140
Vinyl chloride	2.00	2.55		ppb v/v		127	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	11	10.2		ug/m3		93	70 - 130
1,1,2,2-Tetrachloroethane	14	12.6		ug/m3		92	70 - 130
1,1,2-Trichloroethane	11	9.75		ug/m3		89	70 - 130
1,1,2-Trichlorotrifluoroethane	15	16.9		ug/m3		110	70 - 130
1,1-Dichloroethane	8.1	7.82		ug/m3		97	70 - 130
1,1-Dichloroethene	7.9	8.30		ug/m3		105	70 - 130
1,2,4-Trichlorobenzene	15	15.3		ug/m3		103	60 - 140
1,2,4-Trimethylbenzene	9.8	10.4		ug/m3		106	70 - 130
1,2-Dibromoethane	15	14.2		ug/m3		92	70 - 130
1,2-Dichlorobenzene	12	11.7		ug/m3		98	70 - 130
1,2-Dichloroethane	8.1	7.34		ug/m3		91	70 - 130
1,2-Dichloropropane	9.2	8.91		ug/m3		96	70 - 130
1,2-Dichlorotetrafluoroethane	14	18.0		ug/m3		129	60 - 140
1,3,5-Trimethylbenzene	9.8	8.81		ug/m3		90	70 - 130
1,3-Dichlorobenzene	12	11.6		ug/m3		96	70 - 130
1,4-Dichlorobenzene	12	11.6		ug/m3		96	70 - 130
1,4-Dioxane	7.2	8.31		ug/m3		115	60 - 140

QC Sample Results

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 140-45176/1002

Matrix: Air

Analysis Batch: 45176

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2,4-Trimethylpentane	9.3	9.62		ug/m3		103	70 - 130
2-Butanone	5.9	6.18		ug/m3		105	60 - 140
4-Methyl-2-pentanone (MIBK)	8.2	8.30		ug/m3		101	60 - 140
Benzene	6.4	6.71		ug/m3		105	70 - 130
Benzyl chloride	10	9.84		ug/m3		95	70 - 130
Bromodichloromethane	13	13.1		ug/m3		98	70 - 130
Bromoform	21	20.5		ug/m3		99	60 - 140
Bromomethane	7.8	10.9	*	ug/m3		140	70 - 130
Carbon tetrachloride	13	11.7		ug/m3		93	70 - 130
Chlorobenzene	9.2	8.62		ug/m3		94	70 - 130
Chloroethane	5.3	7.17	*	ug/m3		136	70 - 130
Chloroform	9.8	9.29		ug/m3		95	70 - 130
Chloromethane	4.1	4.98		ug/m3		120	60 - 140
cis-1,2-Dichloroethene	7.9	8.01		ug/m3		101	70 - 130
cis-1,3-Dichloropropene	9.1	9.68		ug/m3		107	70 - 130
Cyclohexane	6.9	7.10		ug/m3		103	70 - 130
Dibromochloromethane	17	16.5		ug/m3		97	70 - 130
Dichlorodifluoromethane	9.9	9.91		ug/m3		100	60 - 140
Ethanol	19	22.2		ug/m3		118	60 - 140
Ethylbenzene	8.7	8.82		ug/m3		102	70 - 130
Hexachlorobutadiene	21	24.0		ug/m3		112	60 - 140
Hexane	7.0	7.50		ug/m3		106	70 - 130
Methyl tert-butyl ether	7.2	7.11		ug/m3		99	60 - 140
Methylene Chloride	6.9	7.08		ug/m3		102	70 - 130
m-Xylene & p-Xylene	17	17.7		ug/m3		102	70 - 130
Naphthalene	10	11.6		ug/m3		110	60 - 140
o-Xylene	8.7	8.72		ug/m3		100	70 - 130
Styrene	8.5	9.55		ug/m3		112	70 - 130
t-Butyl alcohol	6.1	5.90		ug/m3		97	60 - 140
Tetrachloroethene	14	12.4		ug/m3		91	70 - 130
Toluene	7.5	7.52		ug/m3		100	70 - 130
trans-1,2-Dichloroethene	7.9	8.21		ug/m3		104	70 - 130
trans-1,3-Dichloropropene	9.1	8.73		ug/m3		96	70 - 130
Trichloroethene	11	11.4		ug/m3		106	70 - 130
Trichlorofluoromethane	11	11.8		ug/m3		105	60 - 140
Vinyl chloride	5.1	6.51		ug/m3		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		60 - 140

QC Association Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Air - GC/MS VOA

Analysis Batch: 45176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-21261-1	SVE - INF	Total/NA	Air	TO 15 LL	
140-21261-2	SVE - EFF	Total/NA	Air	TO 15 LL	
MB 140-45176/4	Method Blank	Total/NA	Air	TO 15 LL	
LCS 140-45176/1002	Lab Control Sample	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Client Sample ID: SVE - INF

Lab Sample ID: 140-21261-1

Date Collected: 12/07/20 11:15

Matrix: Air

Date Received: 12/09/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		3.08	15 mL	500 mL	45176	12/10/20 23:49	S1K	TAL KNX
Instrument ID: MH										

Client Sample ID: SVE - EFF

Lab Sample ID: 140-21261-2

Date Collected: 12/07/20 11:19

Matrix: Air

Date Received: 12/09/20 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		3.06	15 mL	500 mL	45176	12/11/20 00:40	S1K	TAL KNX
Instrument ID: MH										

Client Sample ID: Method Blank

Lab Sample ID: MB 140-45176/4

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1	500 mL	500 mL	45176	12/10/20 16:53	S1K	TAL KNX
Instrument ID: MH										

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 140-45176/1002

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO 15 LL		1	500 mL	500 mL	45176	12/10/20 14:00	S1K	TAL KNX
Instrument ID: MH										

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Laboratory: Eurofins TestAmerica, Knoxville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10781	03-31-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO 15 LL		Air	1,1,2-Trichlorotrifluoroethane
TO 15 LL		Air	1,2-Dichlorotetrafluoroethane
TO 15 LL		Air	1,3,5-Trimethylbenzene
TO 15 LL		Air	Dichlorodifluoromethane
TO 15 LL		Air	Ethanol
TO 15 LL		Air	o-Xylene
TO 15 LL		Air	Trichlorofluoromethane

Method Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job ID: 140-21261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
140-21261-1	SVE - INF	Air	12/07/20 11:15	12/09/20 10:00	Air Canister (1-Liter) #11615
140-21261-2	SVE - EFF	Air	12/07/20 11:19	12/09/20 10:00	Air Canister (1-Liter) #34000736

Method T015 Low Level

Volatile Organic Compounds - Low
level (GC/MS) by Method TO 15

FORM II
AIR - GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
SDG No.: _____
Matrix: Air Level: Low
GC Column (1): RTX-5 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	BFB #
SVE - INF	140-21261-1	85
SVE - EFF	140-21261-2	85
	MB 140-45176/4	84
	LCS 140-45176/1002	94

BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
60-140

Column to be used to flag recovery values

FORM II TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
SDG No.: _____
Matrix: Air Level: Low Lab File ID: HCCVL10R-LCS.d
Lab ID: LCS 140-45176/1002 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2.00	1.86	93	70-130	
1,1,2,2-Tetrachloroethane	2.00	1.83	92	70-130	
1,1,2-Trichloroethane	2.00	1.79	89	70-130	
1,1,2-Trichlorotrifluoroethane	2.00	2.20	110	70-130	
1,1-Dichloroethane	2.00	1.93	97	70-130	
1,1-Dichloroethene	2.00	2.09	105	70-130	
1,2,4-Trichlorobenzene	2.00	2.06	103	60-140	
1,2,4-Trimethylbenzene	2.00	2.12	106	70-130	
1,2-Dibromoethane	2.00	1.85	92	70-130	
1,2-Dichlorobenzene	2.00	1.95	98	70-130	
1,2-Dichloroethane	2.00	1.81	91	70-130	
1,2-Dichloropropane	2.00	1.93	96	70-130	
1,2-Dichlorotetrafluoroethane	2.00	2.57	129	60-140	
1,3,5-Trimethylbenzene	2.00	1.79	90	70-130	
1,3-Dichlorobenzene	2.00	1.92	96	70-130	
1,4-Dichlorobenzene	2.00	1.93	96	70-130	
1,4-Dioxane	2.00	2.31	115	60-140	
2,2,4-Trimethylpentane	2.00	2.06	103	70-130	
2-Butanone	2.00	2.09	105	60-140	
4-Methyl-2-pentanone (MIBK)	2.00	2.03	101	60-140	
Benzene	2.00	2.10	105	70-130	
Benzyl chloride	2.00	1.90	95	70-130	
Bromodichloromethane	2.00	1.96	98	70-130	
Bromoform	2.00	1.98	99	60-140	
Bromomethane	2.00	2.80	140	70-130	*
Carbon tetrachloride	2.00	1.87	93	70-130	
Chlorobenzene	2.00	1.87	94	70-130	
Chloroethane	2.00	2.72	136	70-130	*
Chloroform	2.00	1.90	95	70-130	
Chloromethane	2.00	2.41	120	60-140	
cis-1,2-Dichloroethene	2.00	2.02	101	70-130	
cis-1,3-Dichloropropene	2.00	2.13	107	70-130	
Cyclohexane	2.00	2.06	103	70-130	
Dibromochloromethane	2.00	1.93	97	70-130	
Dichlorodifluoromethane	2.00	2.00	100	60-140	
Ethanol	10.0	11.8	118	60-140	
Ethylbenzene	2.00	2.03	102	70-130	
Hexachlorobutadiene	2.00	2.25	112	60-140	
Hexane	2.00	2.13	106	70-130	
Methyl tert-butyl ether	2.00	1.97	99	60-140	
Methylene Chloride	2.00	2.04	102	70-130	
m-Xylene & p-Xylene	4.00	4.08	102	70-130	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Matrix: Air Level: Low Lab File ID: HCCVL10R-LCS.d
 Lab ID: LCS 140-45176/1002 Client ID: _____

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Naphthalene	2.00	2.21	110	60-140	
o-Xylene	2.00	2.01	100	70-130	
Styrene	2.00	2.24	112	70-130	
t-Butyl alcohol	2.00	1.95	97	60-140	
Tetrachloroethene	2.00	1.83	91	70-130	
Toluene	2.00	2.00	100	70-130	
trans-1,2-Dichloroethene	2.00	2.07	104	70-130	
trans-1,3-Dichloropropene	2.00	1.92	96	70-130	
Trichloroethene	2.00	2.13	106	70-130	
Trichlorofluoromethane	2.00	2.11	105	60-140	
Vinyl chloride	2.00	2.55	127	70-130	

Column to be used to flag recovery and RPD values

FORM III TO 15 LL

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
SDG No.: _____
Lab File ID: H500BL10.D Lab Sample ID: MB 140-45176/4
Matrix: Air Heated Purge: (Y/N) N
Instrument ID: MH Date Analyzed: 12/10/2020 16:53
GC Column: RTX-5 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 140-45176/1002	HCCVL10R-LC S.d	12/10/2020 14:00
SVE - INF	140-21261-1	HL10P106.D	12/10/2020 23:49
SVE - EFF	140-21261-2	HL10P107.D	12/11/2020 00:40

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
SDG No.: _____
Lab File ID: HBFB118IC.D BFB Injection Date: 09/18/2020
Instrument ID: MH BFB Injection Time: 18:11
Analysis Batch No.: 42917

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.1
75	30.0 - 60.0 % of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.6 (0.6) 1
174	Greater than 50% of mass 95	102.6
175	5.0 - 9.0 % of mass 174	7.3 (7.1) 1
176	95.0 - 101.0 % of mass 174	99.6 (97.1) 1
177	5.0 - 9.0 % of mass 176	6.5 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 140-42917/3	HI18IC10.D	09/18/2020	19:41
	IC 140-42917/5	HI18IC09.D	09/18/2020	21:36
	IC 140-42917/7	HI18IC08.D	09/18/2020	23:24
	IC 140-42917/9	HI18IC01.D	09/19/2020	1:11
	IC 140-42917/10	HI18IC02.D	09/19/2020	2:05
	IC 140-42917/11	HI18IC03.D	09/19/2020	3:00
	IC 140-42917/12	HI18IC04.D	09/19/2020	3:55
	IC 140-42917/13	HI18IC05.D	09/19/2020	4:49
	IC 140-42917/14	HI18IC06.D	09/19/2020	5:43
	ICIS 140-42917/15	HI18IC07.D	09/19/2020	6:37
	ICV 140-42917/17	HI18ICV.D	09/19/2020	8:25

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
SDG No.: _____
Lab File ID: HBFBL10B.D BFB Injection Date: 12/10/2020
Instrument ID: MH BFB Injection Time: 11:45
Analysis Batch No.: 45176

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.5
75	30.0 - 60.0 % of mass 95	45.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.5 (0.5) 1
174	Greater than 50% of mass 95	115.5
175	5.0 - 9.0 % of mass 174	8.0 (6.9) 1
176	95.0 - 101.0 % of mass 174	112.2 (97.1) 1
177	5.0 - 9.0 % of mass 176	7.2 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 140-45176/2	HCCVL10R.D	12/10/2020	14:00
	LCS 140-45176/1002	HCCVL10R-LCS.	12/10/2020	14:00
	MB 140-45176/4	H500BL10.D	12/10/2020	16:53
SVE - INF	140-21261-1	HL10P106.D	12/10/2020	23:49
SVE - EFF	140-21261-2	HL10P107.D	12/11/2020	0:40

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Sample No.: ICIS 140-42917/15 Date Analyzed: 09/19/2020 06:37
 Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm)
 Lab File ID (Standard): HI18IC07.D Heated Purge: (Y/N) N
 Calibration ID: 2638

	CBM		DFBZ		CBZd5		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	293463	9.40	1340282	11.58	1132831	16.25	
UPPER LIMIT	410848	9.73	1876395	11.91	1585963	16.58	
LOWER LIMIT	176078	9.07	804169	11.25	679699	15.92	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 140-42917/17		296780	9.40	1355999	11.57	1163364	16.25

CBM = Chlorobromomethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Sample No.: CCVIS 140-45176/2 Date Analyzed: 12/10/2020 14:00
 Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm)
 Lab File ID (Standard): HCCVL10R.D Heated Purge: (Y/N) N
 Calibration ID: 2638

	CBM		DFBZ		CBZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	232120	9.47	1049566	11.69	991182	16.42
UPPER LIMIT	324968	9.80	1469392	12.02	1387655	16.75
LOWER LIMIT	139272	9.14	629740	11.36	594709	16.09
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 140-45176/1002		232120	9.47	1049566	11.69	991182
MB 140-45176/4		227083	9.44	1013660	11.68	894437
140-21261-1	SVE - INF	211629	9.44	931437	11.67	845845
140-21261-2	SVE - EFF	198947	9.44	883906	11.68	799337

CBM = Chlorobromomethane (IS)
 DFBZ = 1,4-Difluorobenzene
 CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 60%-140% of internal standard area
 RT Limit = $\pm$ 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - INF Lab Sample ID: 140-21261-1
 Matrix: Air Lab File ID: HL10P106.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:15
 Sample wt/vol: 15 (mL) Date Analyzed: 12/10/2020 23:49
 Soil Aliquot Vol: _____ Dilution Factor: 3.08
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		8.2	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		8.2	
79-00-5	1,1,2-Trichloroethane	133.41	ND		8.2	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		8.2	
75-34-3	1,1-Dichloroethane	98.96	ND		8.2	
75-35-4	1,1-Dichloroethene	96.94	ND		4.1	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		8.2	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		8.2	
106-93-4	1,2-Dibromoethane	187.87	ND		8.2	
95-50-1	1,2-Dichlorobenzene	147.00	ND		8.2	
107-06-2	1,2-Dichloroethane	98.96	ND		8.2	
78-87-5	1,2-Dichloropropane	112.99	ND		8.2	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		8.2	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		8.2	
541-73-1	1,3-Dichlorobenzene	147.00	ND		8.2	
106-46-7	1,4-Dichlorobenzene	147.00	ND		8.2	
123-91-1	1,4-Dioxane	88.11	ND		21	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		21	
78-93-3	2-Butanone	72.11	ND		33	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		21	
71-43-2	Benzene	78.11	ND		8.2	
100-44-7	Benzyl chloride	126.58	ND		16	
75-27-4	Bromodichloromethane	163.83	ND		8.2	
75-25-2	Bromoform	252.75	ND		8.2	
74-83-9	Bromomethane	94.94	ND	*	8.2	
56-23-5	Carbon tetrachloride	153.81	ND		3.3	
108-90-7	Chlorobenzene	112.56	ND		8.2	
75-00-3	Chloroethane	64.52	ND	*	8.2	
67-66-3	Chloroform	119.38	ND		8.2	
74-87-3	Chloromethane	50.49	ND		21	
156-59-2	cis-1,2-Dichloroethene	96.94	39		4.1	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		8.2	
110-82-7	Cyclohexane	84.16	ND		21	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - INF Lab Sample ID: 140-21261-1
 Matrix: Air Lab File ID: HL10P106.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:15
 Sample wt/vol: 15 (mL) Date Analyzed: 12/10/2020 23:49
 Soil Aliquot Vol: _____ Dilution Factor: 3.08
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		8.2	
75-71-8	Dichlorodifluoromethane	120.91	ND		8.2	
64-17-5	Ethanol	46.07	ND		210	
100-41-4	Ethylbenzene	106.17	ND		8.2	
87-68-3	Hexachlorobutadiene	260.76	ND		8.2	
110-54-3	Hexane	86.17	ND		21	
1634-04-4	Methyl tert-butyl ether	88.15	ND		16	
75-09-2	Methylene Chloride	84.93	ND		41	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		8.2	
91-20-3	Naphthalene	128.17	ND		21	
95-47-6	o-Xylene	106.17	ND		8.2	
100-42-5	Styrene	104.15	ND		8.2	
75-65-0	t-Butyl alcohol	74.12	ND		33	
127-18-4	Tetrachloroethene	165.83	780		8.2	
108-88-3	Toluene	92.14	ND		12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		8.2	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		8.2	
79-01-6	Trichloroethene	131.39	29		3.7	
75-69-4	Trichlorofluoromethane	137.37	ND		8.2	
75-01-4	Vinyl chloride	62.50	ND		4.1	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		60-140

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - INF Lab Sample ID: 140-21261-1
 Matrix: Air Lab File ID: HL10P106.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:15
 Sample wt/vol: 15 (mL) Date Analyzed: 12/10/2020 23:49
 Soil Aliquot Vol: _____ Dilution Factor: 3.08
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		45	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		56	
79-00-5	1,1,2-Trichloroethane	133.41	ND		45	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		63	
75-34-3	1,1-Dichloroethane	98.96	ND		33	
75-35-4	1,1-Dichloroethene	96.94	ND		16	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		61	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		40	
106-93-4	1,2-Dibromoethane	187.87	ND		63	
95-50-1	1,2-Dichlorobenzene	147.00	ND		49	
107-06-2	1,2-Dichloroethane	98.96	ND		33	
78-87-5	1,2-Dichloropropane	112.99	ND		38	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		57	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		40	
541-73-1	1,3-Dichlorobenzene	147.00	ND		49	
106-46-7	1,4-Dichlorobenzene	147.00	ND		49	
123-91-1	1,4-Dioxane	88.11	ND		74	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		96	
78-93-3	2-Butanone	72.11	ND		97	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		84	
71-43-2	Benzene	78.11	ND		26	
100-44-7	Benzyl chloride	126.58	ND		85	
75-27-4	Bromodichloromethane	163.83	ND		55	
75-25-2	Bromoform	252.75	ND		85	
74-83-9	Bromomethane	94.94	ND	*	32	
56-23-5	Carbon tetrachloride	153.81	ND		21	
108-90-7	Chlorobenzene	112.56	ND		38	
75-00-3	Chloroethane	64.52	ND	*	22	
67-66-3	Chloroform	119.38	ND		40	
74-87-3	Chloromethane	50.49	ND		42	
156-59-2	cis-1,2-Dichloroethene	96.94	150		16	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		37	
110-82-7	Cyclohexane	84.16	ND		71	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - INF Lab Sample ID: 140-21261-1
 Matrix: Air Lab File ID: HL10P106.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:15
 Sample wt/vol: 15 (mL) Date Analyzed: 12/10/2020 23:49
 Soil Aliquot Vol: _____ Dilution Factor: 3.08
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		70	
75-71-8	Dichlorodifluoromethane	120.91	ND		41	
64-17-5	Ethanol	46.07	ND		390	
100-41-4	Ethylbenzene	106.17	ND		36	
87-68-3	Hexachlorobutadiene	260.76	ND		88	
110-54-3	Hexane	86.17	ND		72	
1634-04-4	Methyl tert-butyl ether	88.15	ND		59	
75-09-2	Methylene Chloride	84.93	ND		140	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		36	
91-20-3	Naphthalene	128.17	ND		110	
95-47-6	o-Xylene	106.17	ND		36	
100-42-5	Styrene	104.15	ND		35	
75-65-0	t-Butyl alcohol	74.12	ND		100	
127-18-4	Tetrachloroethene	165.83	5300		56	
108-88-3	Toluene	92.14	ND		46	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		33	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		37	
79-01-6	Trichloroethene	131.39	160		20	
75-69-4	Trichlorofluoromethane	137.37	ND		46	
75-01-4	Vinyl chloride	62.50	ND		10	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		60-140

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D
 Lims ID: 140-21261-A-1
 Client ID: SVE - INF
 Sample Type: Client
 Inject. Date: 10-Dec-2020 23:49:30 ALS Bottle#: 6 Worklist Smp#: 17
 Purge Vol: 500.000 mL Dil. Factor: 3.0800
 Sample Info: 140-0017552-017
 Misc. Info.: 140-21261-a-1@3.08
 Operator ID: HMT Instrument ID: MH
 Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 10-Dec-2020 22:31:33 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 12:51:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.441	9.472	-0.031	87	211629	4.80	
* 2 1,4-Difluorobenzene	114	11.674	11.689	-0.015	93	931437	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.413	16.418	-0.005	84	845845	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	18.036	18.030	0.000	96	523638	3.93	
17 Ethanol	31	5.058	5.026	0.016	93	15871	0.8545	
39 2-Butanone (MEK)	72	8.625	8.591	0.006	99	4471	0.1862	
40 Hexane	56	8.635	8.627	-0.020	49	609	0.0161	
42 cis-1,2-Dichloroethene	96	9.085	9.081	-0.026	92	22153	0.3771	
55 Isooctane	57	11.886	11.885	-0.015	68	2161	0.009097	
58 Trichloroethene	130	12.397	12.391	-0.010	97	22750	0.2870	
73 Tetrachloroethene	129	15.586	15.587	-0.005	96	660420	7.62	
88 1,3,5-Trimethylbenzene	120	18.718	18.712	0.000	91	505	0.0418	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D

Injection Date: 10-Dec-2020 23:49:30

Instrument ID: MH

Operator ID: HMT

Lims ID: 140-21261-A-1

Lab Sample ID: 140-21261-1

Worklist Smp#: 17

Client ID: SVE - INF

Purge Vol: 500.000 mL

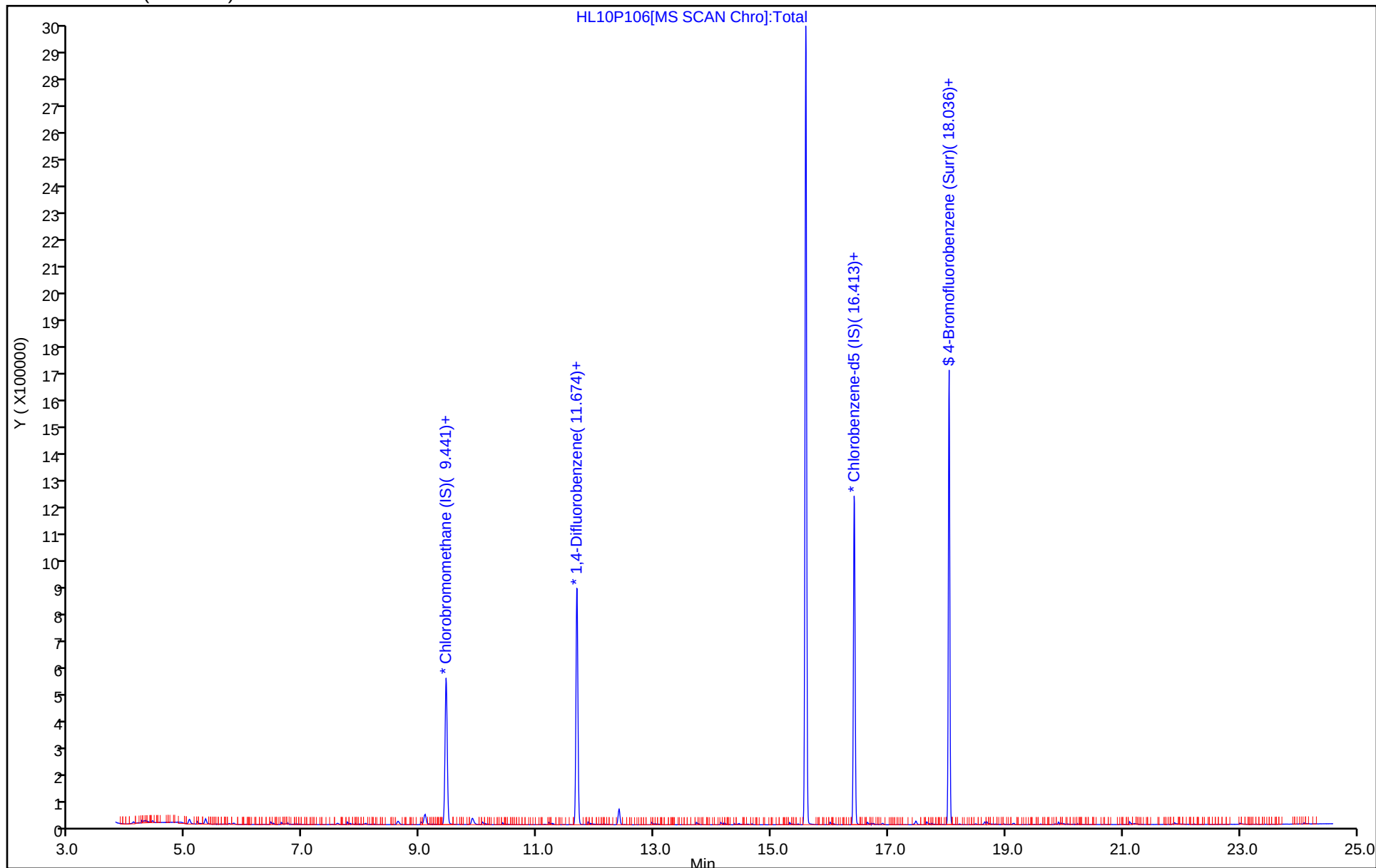
Dil. Factor: 3.0800

ALS Bottle#: 6

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville
Recovery Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D
Lims ID: 140-21261-A-1
Client ID: SVE - INF
Sample Type: Client
Inject. Date: 10-Dec-2020 23:49:30 ALS Bottle#: 6 Worklist Smp#: 17
Purge Vol: 500.000 mL Dil. Factor: 3.0800
Sample Info: 140-0017552-017
Misc. Info.: 140-21261-a-1@3.08
Operator ID: HMT Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 10-Dec-2020 22:31:33 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 12:51:46

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 4-Bromofluorobenzene (Surr)	4.64	3.93	84.61

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D

Injection Date: 10-Dec-2020 23:49:30

Instrument ID: MH

Lims ID: 140-21261-A-1

Lab Sample ID: 140-21261-1

Client ID: SVE - INF

Operator ID: HMT

ALS Bottle#: 6

Worklist Smp#: 17

Purge Vol: 500.000 mL

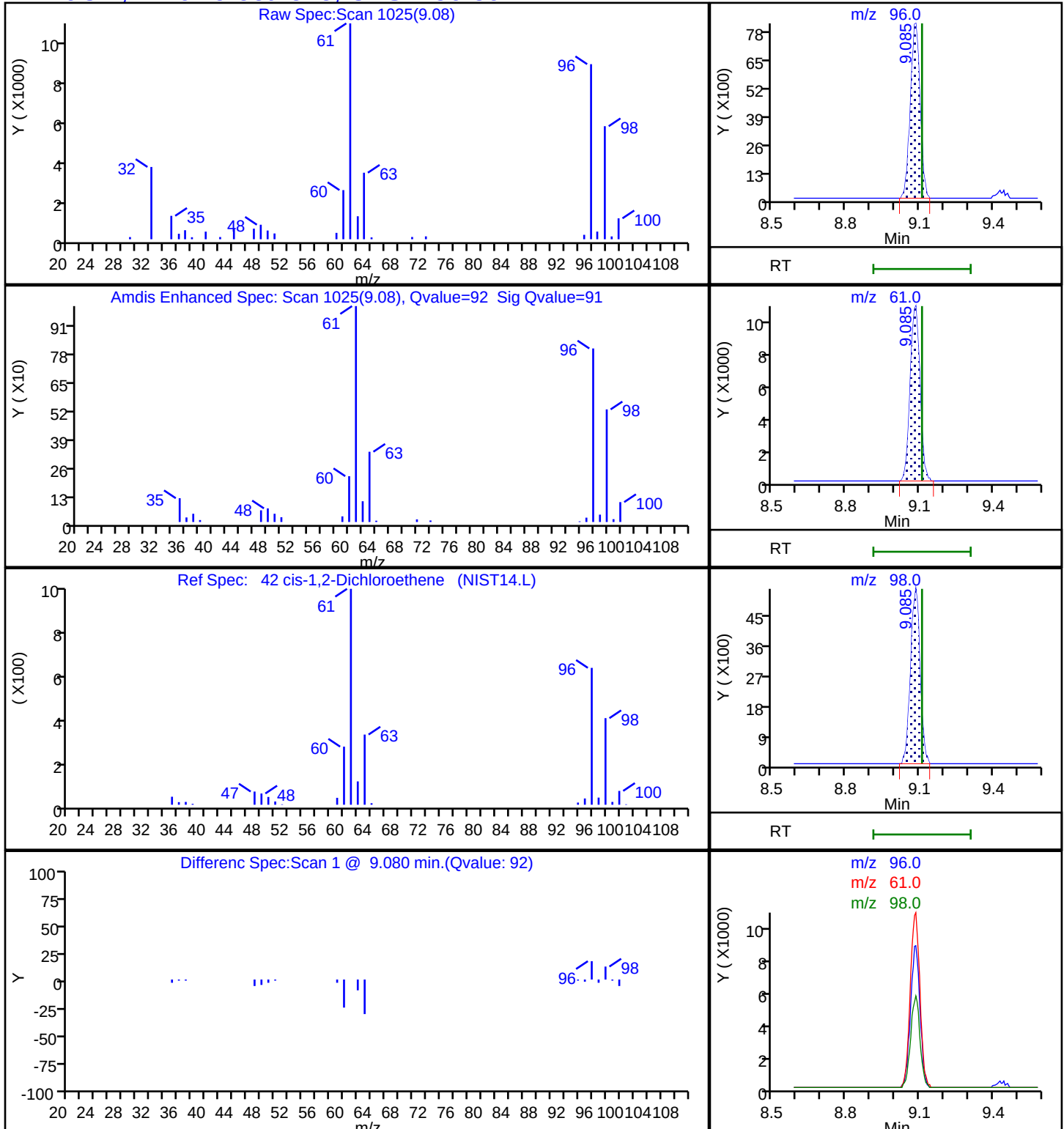
Dil. Factor: 3.0800

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D

Injection Date: 10-Dec-2020 23:49:30

Instrument ID: MH

Lims ID: 140-21261-A-1

Lab Sample ID: 140-21261-1

Client ID: SVE - INF

Operator ID: HMT

ALS Bottle#: 6

Worklist Smp#: 17

Purge Vol: 500.000 mL

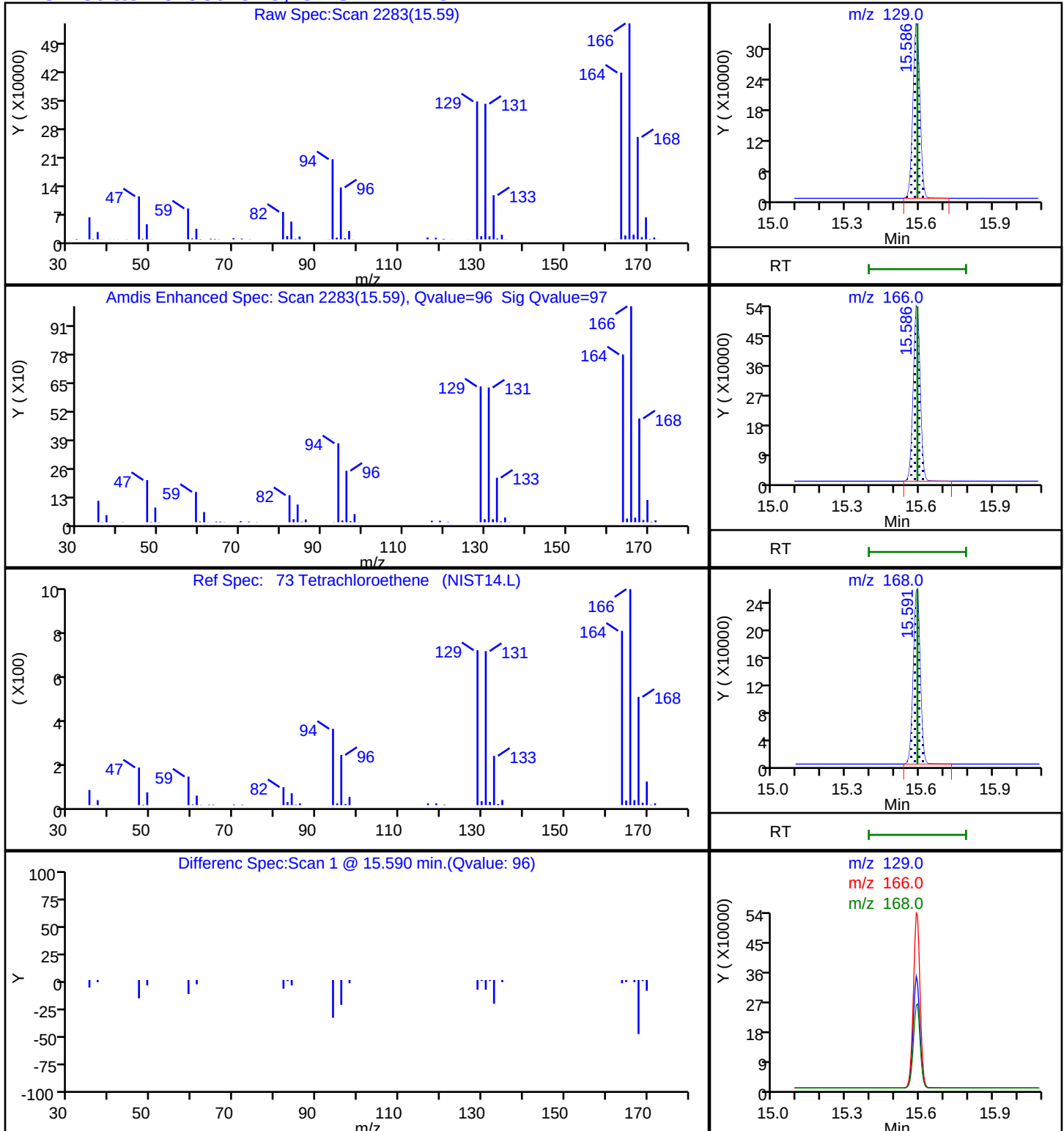
Dil. Factor: 3.0800

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

73 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P106.D

Injection Date: 10-Dec-2020 23:49:30

Instrument ID: MH

Lims ID: 140-21261-A-1

Lab Sample ID: 140-21261-1

Client ID: SVE - INF

Operator ID: HMT

ALS Bottle#: 6

Worklist Smp#: 17

Purge Vol: 500.000 mL

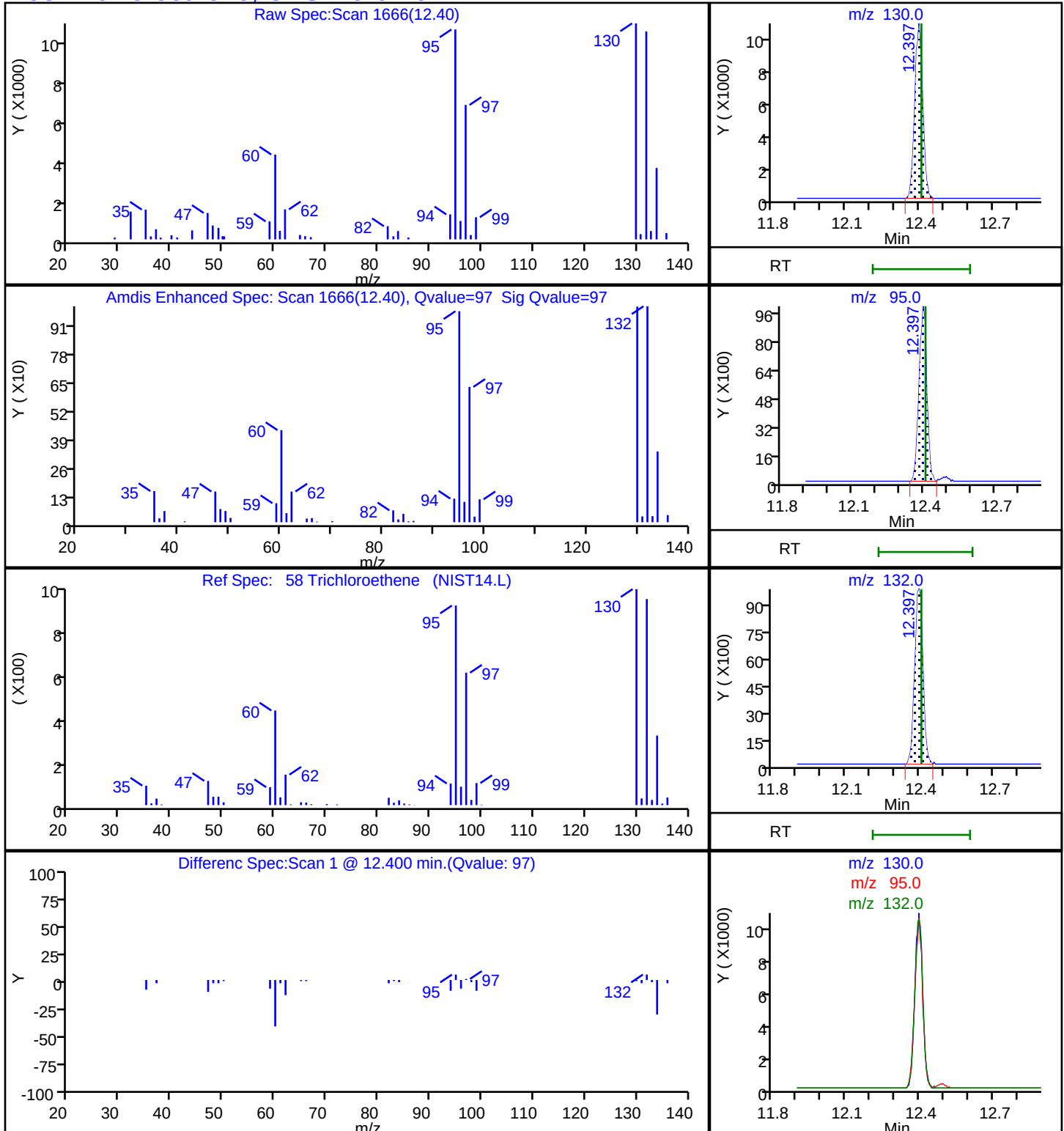
Dil. Factor: 3.0800

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

58 Trichloroethene, CAS: 79-01-6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - EFF Lab Sample ID: 140-21261-2
 Matrix: Air Lab File ID: HL10P107.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:19
 Sample wt/vol: 15 (mL) Date Analyzed: 12/11/2020 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 3.06
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		8.2	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		8.2	
79-00-5	1,1,2-Trichloroethane	133.41	ND		8.2	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		8.2	
75-34-3	1,1-Dichloroethane	98.96	ND		8.2	
75-35-4	1,1-Dichloroethene	96.94	ND		4.1	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		8.2	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		8.2	
106-93-4	1,2-Dibromoethane	187.87	ND		8.2	
95-50-1	1,2-Dichlorobenzene	147.00	ND		8.2	
107-06-2	1,2-Dichloroethane	98.96	ND		8.2	
78-87-5	1,2-Dichloropropane	112.99	ND		8.2	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		8.2	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		8.2	
541-73-1	1,3-Dichlorobenzene	147.00	ND		8.2	
106-46-7	1,4-Dichlorobenzene	147.00	ND		8.2	
123-91-1	1,4-Dioxane	88.11	ND		20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		20	
78-93-3	2-Butanone	72.11	ND		33	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		20	
71-43-2	Benzene	78.11	ND		8.2	
100-44-7	Benzyl chloride	126.58	ND		16	
75-27-4	Bromodichloromethane	163.83	ND		8.2	
75-25-2	Bromoform	252.75	ND		8.2	
74-83-9	Bromomethane	94.94	ND	*	8.2	
56-23-5	Carbon tetrachloride	153.81	ND		3.3	
108-90-7	Chlorobenzene	112.56	ND		8.2	
75-00-3	Chloroethane	64.52	ND	*	8.2	
67-66-3	Chloroform	119.38	ND		8.2	
74-87-3	Chloromethane	50.49	ND		20	
156-59-2	cis-1,2-Dichloroethene	96.94	43		4.1	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		8.2	
110-82-7	Cyclohexane	84.16	ND		20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - EFF Lab Sample ID: 140-21261-2
 Matrix: Air Lab File ID: HL10P107.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:19
 Sample wt/vol: 15 (mL) Date Analyzed: 12/11/2020 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 3.06
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		8.2	
75-71-8	Dichlorodifluoromethane	120.91	ND		8.2	
64-17-5	Ethanol	46.07	ND		200	
100-41-4	Ethylbenzene	106.17	ND		8.2	
87-68-3	Hexachlorobutadiene	260.76	ND		8.2	
110-54-3	Hexane	86.17	ND		20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		16	
75-09-2	Methylene Chloride	84.93	ND		41	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		8.2	
91-20-3	Naphthalene	128.17	ND		20	
95-47-6	o-Xylene	106.17	ND		8.2	
100-42-5	Styrene	104.15	ND		8.2	
75-65-0	t-Butyl alcohol	74.12	ND		33	
127-18-4	Tetrachloroethene	165.83	1000		8.2	
108-88-3	Toluene	92.14	ND		12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		8.2	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		8.2	
79-01-6	Trichloroethene	131.39	33		3.7	
75-69-4	Trichlorofluoromethane	137.37	ND		8.2	
75-01-4	Vinyl chloride	62.50	ND		4.1	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		60-140

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - EFF Lab Sample ID: 140-21261-2
 Matrix: Air Lab File ID: HL10P107.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:19
 Sample wt/vol: 15 (mL) Date Analyzed: 12/11/2020 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 3.06
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		45	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		56	
79-00-5	1,1,2-Trichloroethane	133.41	ND		45	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		63	
75-34-3	1,1-Dichloroethane	98.96	ND		33	
75-35-4	1,1-Dichloroethene	96.94	ND		16	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		61	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		40	
106-93-4	1,2-Dibromoethane	187.87	ND		63	
95-50-1	1,2-Dichlorobenzene	147.00	ND		49	
107-06-2	1,2-Dichloroethane	98.96	ND		33	
78-87-5	1,2-Dichloropropane	112.99	ND		38	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		57	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		40	
541-73-1	1,3-Dichlorobenzene	147.00	ND		49	
106-46-7	1,4-Dichlorobenzene	147.00	ND		49	
123-91-1	1,4-Dioxane	88.11	ND		74	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		95	
78-93-3	2-Butanone	72.11	ND		96	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		84	
71-43-2	Benzene	78.11	ND		26	
100-44-7	Benzyl chloride	126.58	ND		84	
75-27-4	Bromodichloromethane	163.83	ND		55	
75-25-2	Bromoform	252.75	ND		84	
74-83-9	Bromomethane	94.94	ND	*	32	
56-23-5	Carbon tetrachloride	153.81	ND		21	
108-90-7	Chlorobenzene	112.56	ND		38	
75-00-3	Chloroethane	64.52	ND	*	22	
67-66-3	Chloroform	119.38	ND		40	
74-87-3	Chloromethane	50.49	ND		42	
156-59-2	cis-1,2-Dichloroethene	96.94	170		16	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		37	
110-82-7	Cyclohexane	84.16	ND		70	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: SVE - EFF Lab Sample ID: 140-21261-2
 Matrix: Air Lab File ID: HL10P107.D
 Analysis Method: TO 15 LL Date Collected: 12/07/2020 11:19
 Sample wt/vol: 15 (mL) Date Analyzed: 12/11/2020 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 3.06
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		70	
75-71-8	Dichlorodifluoromethane	120.91	ND		40	
64-17-5	Ethanol	46.07	ND		380	
100-41-4	Ethylbenzene	106.17	ND		35	
87-68-3	Hexachlorobutadiene	260.76	ND		87	
110-54-3	Hexane	86.17	ND		72	
1634-04-4	Methyl tert-butyl ether	88.15	ND		59	
75-09-2	Methylene Chloride	84.93	ND		140	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		35	
91-20-3	Naphthalene	128.17	ND		110	
95-47-6	o-Xylene	106.17	ND		35	
100-42-5	Styrene	104.15	ND		35	
75-65-0	t-Butyl alcohol	74.12	ND		99	
127-18-4	Tetrachloroethene	165.83	6800		55	
108-88-3	Toluene	92.14	ND		46	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		37	
79-01-6	Trichloroethene	131.39	180		20	
75-69-4	Trichlorofluoromethane	137.37	ND		46	
75-01-4	Vinyl chloride	62.50	ND		10	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		60-140

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D
 Lims ID: 140-21261-A-2
 Client ID: SVE - EFF
 Sample Type: Client
 Inject. Date: 11-Dec-2020 00:40:30 ALS Bottle#: 7 Worklist Smp#: 18
 Purge Vol: 500.000 mL Dil. Factor: 3.0600
 Sample Info: 140-0017552-018
 Misc. Info.: 140-21261-a-2@3.06
 Operator ID: HMT Instrument ID: MH
 Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 10-Dec-2020 23:23:30 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 13:41:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.441	9.472	-0.031	88	198947	4.80	
* 2 1,4-Difluorobenzene	114	11.679	11.689	-0.010	93	883906	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.418	16.418	0.000	84	799337	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	18.036	18.036	0.000	96	497129	3.94	
17 Ethanol	31	5.053	5.026	0.011	94	12833	0.7350	
39 2-Butanone (MEK)	72	8.619	8.591	0.000	98	3633	0.1609	
42 cis-1,2-Dichloroethene	96	9.079	9.080	-0.031	93	23109	0.4185	
58 Trichloroethene	130	12.397	12.397	-0.010	97	24618	0.3273	
73 Tetrachloroethene	129	15.586	15.591	-0.005	96	809482	9.89	
88 1,3,5-Trimethylbenzene	120	18.713	18.718	-0.005	89	422	0.0414	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D

Injection Date: 11-Dec-2020 00:40:30

Instrument ID: MH

Operator ID: HMT

Lims ID: 140-21261-A-2

Lab Sample ID: 140-21261-2

Worklist Smp#: 18

Client ID: SVE - EFF

Purge Vol: 500.000 mL

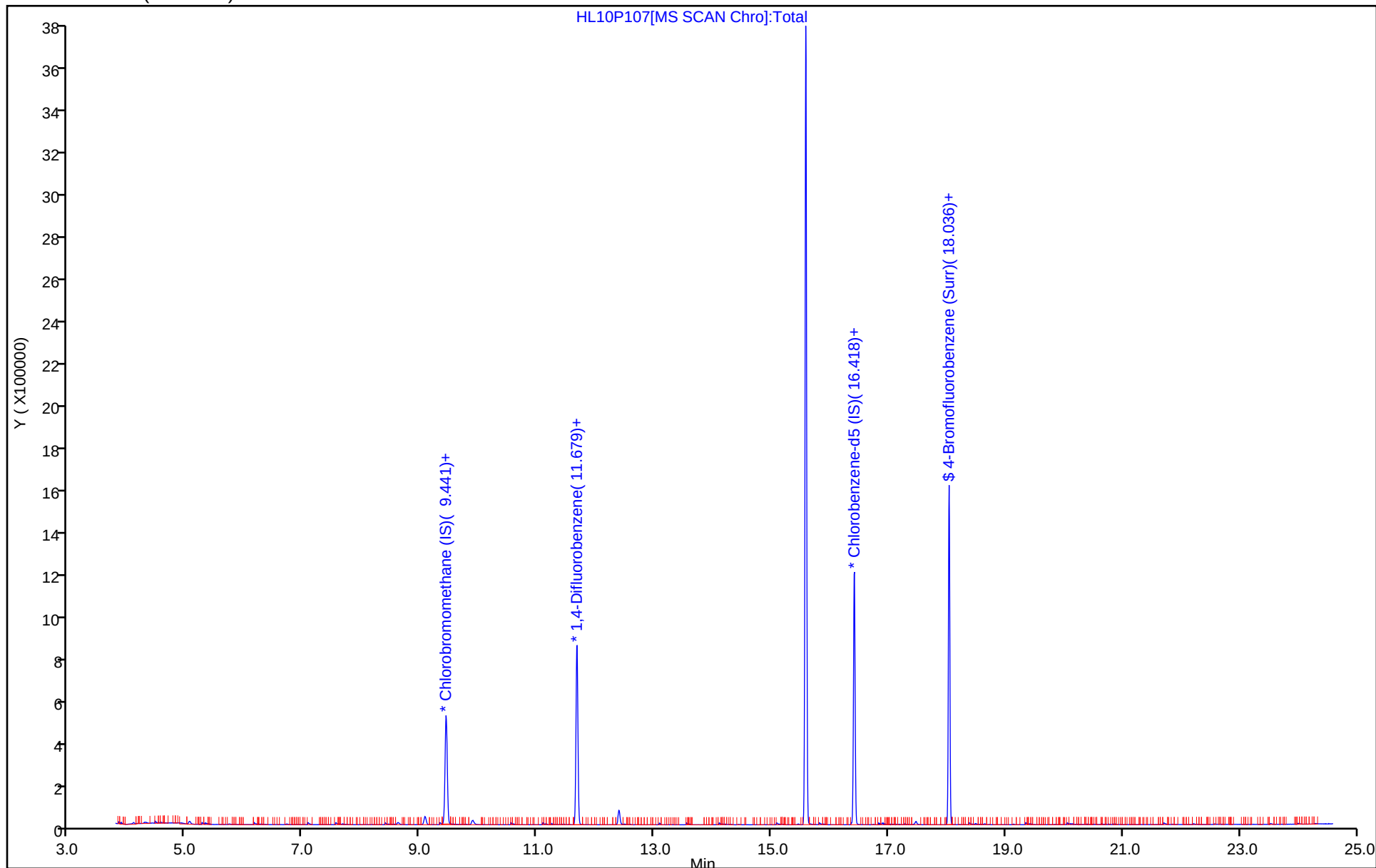
Dil. Factor: 3.0600

ALS Bottle#: 7

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville
Recovery Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D
Lims ID: 140-21261-A-2
Client ID: SVE - EFF
Sample Type: Client
Inject. Date: 11-Dec-2020 00:40:30 ALS Bottle#: 7 Worklist Smp#: 18
Purge Vol: 500.000 mL Dil. Factor: 3.0600
Sample Info: 140-0017552-018
Misc. Info.: 140-21261-a-2@3.06
Operator ID: HMT Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 10-Dec-2020 23:23:30 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 13:41:59

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 4-Bromofluorobenzene (Surr)	4.64	3.94	85.00

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D

Injection Date: 11-Dec-2020 00:40:30

Instrument ID: MH

Lims ID: 140-21261-A-2

Lab Sample ID: 140-21261-2

Client ID: SVE - EFF

Operator ID: HMT

ALS Bottle#: 7

Worklist Smp#: 18

Purge Vol: 500.000 mL

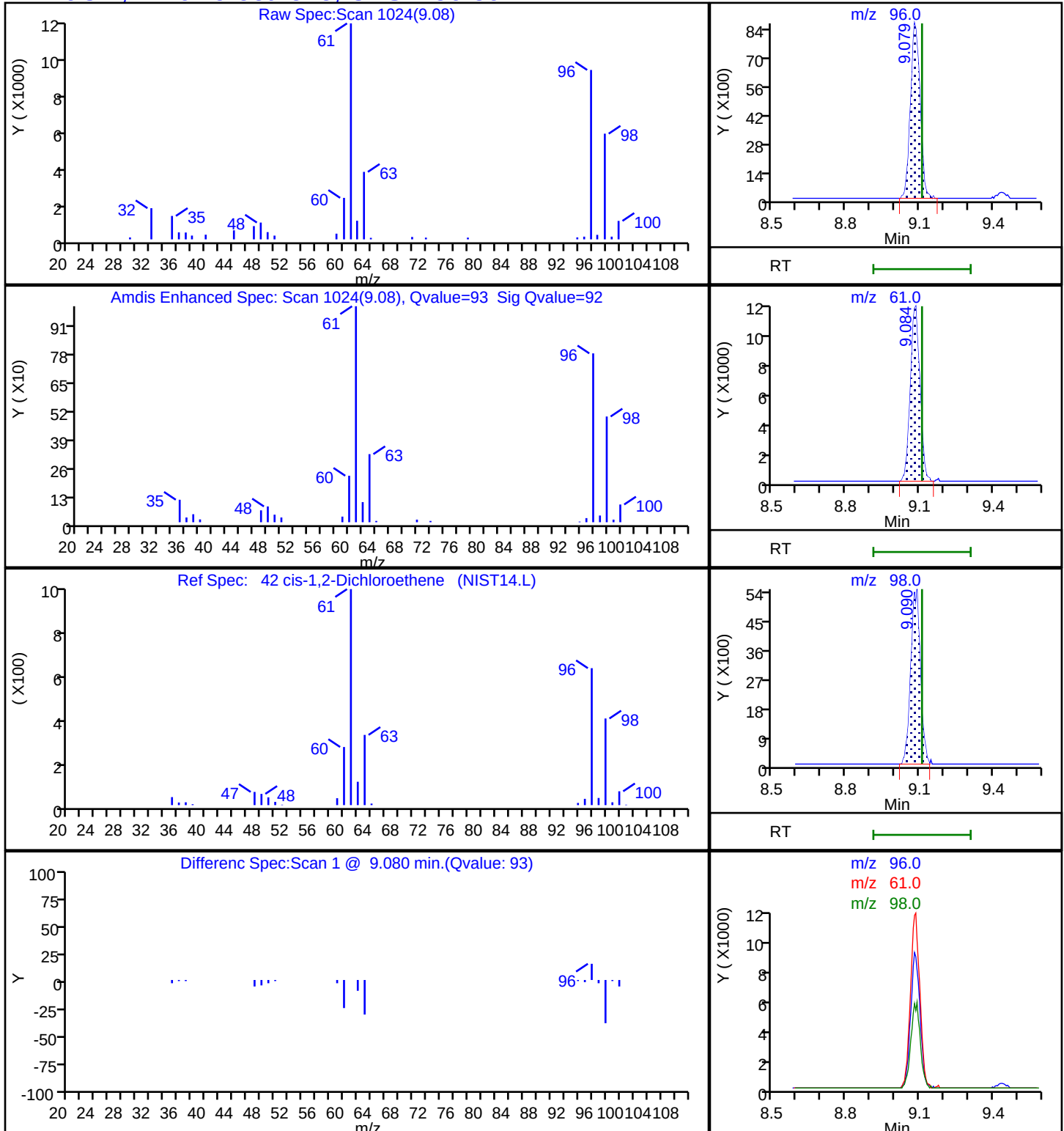
Dil. Factor: 3.0600

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D

Injection Date: 11-Dec-2020 00:40:30

Instrument ID: MH

Lims ID: 140-21261-A-2

Lab Sample ID: 140-21261-2

Client ID: SVE - EFF

Operator ID: HMT

ALS Bottle#: 7

Worklist Smp#: 18

Purge Vol: 500.000 mL

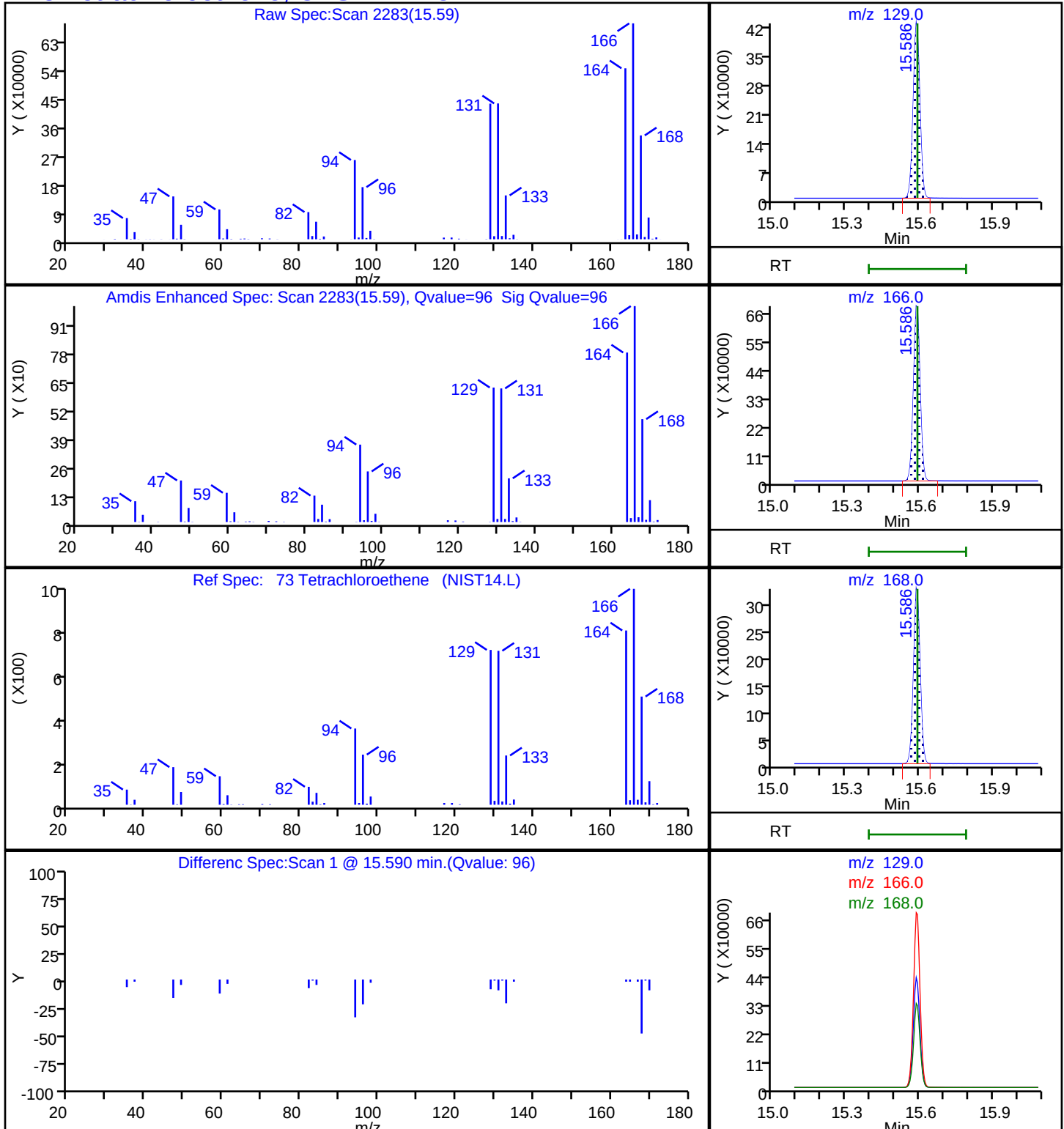
Dil. Factor: 3.0600

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

73 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HL10P107.D

Injection Date: 11-Dec-2020 00:40:30

Instrument ID: MH

Lims ID: 140-21261-A-2

Lab Sample ID: 140-21261-2

Client ID: SVE - EFF

Operator ID: HMT

ALS Bottle#: 7

Worklist Smp#: 18

Purge Vol: 500.000 mL

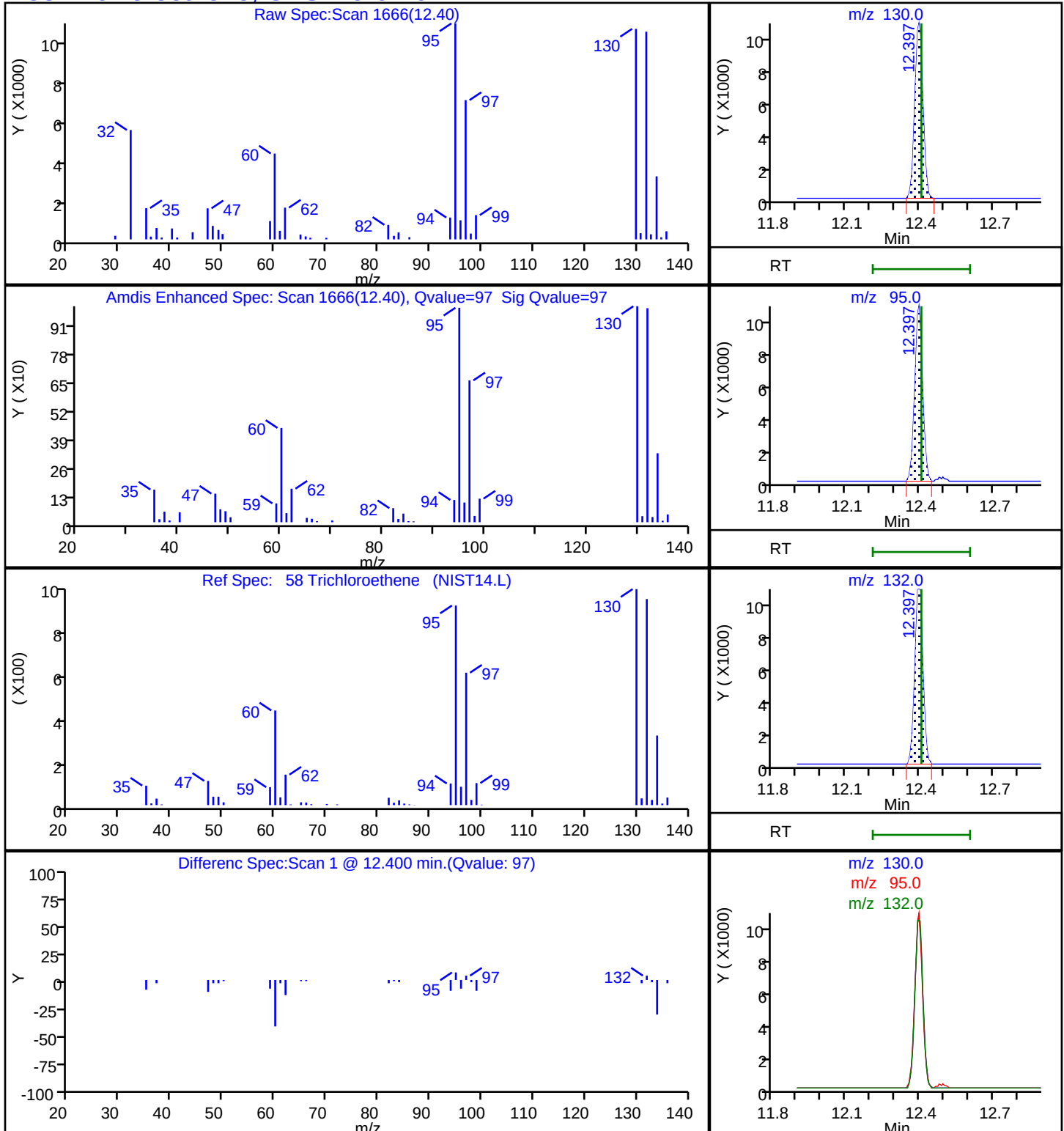
Dil. Factor: 3.0600

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

58 Trichloroethene, CAS: 79-01-6

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-42917/9	HI18IC01.D
Level 2	IC 140-42917/10	HI18IC02.D
Level 3	IC 140-42917/11	HI18IC03.D
Level 4	IC 140-42917/12	HI18IC04.D
Level 5	IC 140-42917/13	HI18IC05.D
Level 6	IC 140-42917/14	HI18IC06.D
Level 7	ICIS 140-42917/15	HI18IC07.D
Level 8	IC 140-42917/7	HI18IC08.D
Level 9	IC 140-42917/5	HI18IC09.D
Level 10	IC 140-42917/3	HI18IC10.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 9	LVL 5 LVL 10		B	M1	M2								
Chlorodifluoromethane	+++++ 2.1318	2.4091 2.1597	2.3741 2.1117	2.2098 2.0623	2.2161 1.9271	Ave		2.1780				6.8		30.0			
Propene	+++++ 0.9197	+++++ 0.9384	+++++ 0.9222	+++++ 0.8931	0.9907 0.7849	Ave		0.9082				7.5		30.0			
Dichlorodifluoromethane	+++++ 3.4372	4.0415 3.7205	3.9887 3.6287	3.6797 3.5484	3.8164 3.4542	Ave		3.7017				5.8		30.0			
Chloromethane	+++++ 0.2877	+++++ 0.3021	+++++ 0.2860	0.3450 0.2762	0.3369 0.2453	Ave		0.2970				11.7		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.5969	2.8497 2.6255	2.7551 2.5146	2.7239 2.4390	2.7348 2.3289	Ave		2.6187				6.4		30.0			
Vinyl chloride	1.2085 0.9556	1.1623 1.0003	1.1053 0.9597	1.0841 0.9272	1.0185 0.8627	Ave		1.0284				10.7		30.0			
Butane	+++++ 1.1983	+++++ 1.2452	1.3633 1.1982	1.3722 1.1674	1.2569 1.0792	Ave		1.2351				7.9		30.0			
1,3-Butadiene	+++++ 0.6518	+++++ 0.6917	0.8378 0.6554	0.7677 0.6306	0.7036 0.5936	Ave		0.6915				11.4		30.0			
Bromomethane	+++++ 1.1148	+++++ 1.0967	1.2091 1.0473	1.1874 1.0205	1.1891 1.0036	Ave		1.1086				7.3		30.0			
Chloroethane	+++++ 0.4159	+++++ 0.4202	0.5245 0.3790	0.4595 0.3712	0.4341 0.3599	Ave		0.4205				12.8		30.0			
Ethanol	+++++ 0.4207	+++++ 0.4234	0.4966 0.3965	0.4403 0.3739	0.4400 0.3785	Ave		0.4212				9.4		30.0			
Vinyl bromide	+++++ 1.2205	1.3667 1.2509	1.2834 1.2273	1.2258 1.1959	1.2684 1.1164	Ave		1.2395				5.5		30.0			
2-Methylbutane	+++++ 1.2515	+++++ 1.2652	1.3229 1.2433	1.2689 1.1805	1.3092 1.0923	Ave		1.2417				6.0		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

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 9	LVL 5 LVL 10		B	M1	M2								
Trichlorofluoromethane	++++ 3.3353	3.6953 3.4314	3.5365 3.4298	3.3593 3.4620	3.4581 3.4752	Ave		3.4648				3.0		30.0			
Acrolein	++++ 0.3653	++++ 0.3821	++++ 0.3892	0.4527 0.3820	0.4079 0.3574	Ave		0.3909				8.1		30.0			
Acetonitrile	++++ 0.5040	++++ 0.5248	++++ 0.5066	0.4583 0.4973	0.5717 0.4664	Ave		0.5042				7.5		30.0			
Acetone	++++ 0.5487	++++ 0.5277	++++ 0.5049	0.7447 0.4835	0.5929 0.4432	Ave		0.5494				17.9		30.0			
Isopropyl alcohol	1.8604 1.3794	1.4883 1.4519	1.4850 1.4520	1.3274 1.4300	1.3988 1.3739	Ave		1.4647				10.1		30.0			
Pentane	++++ 0.1544	++++ 0.1571	++++ 0.1570	0.1654 0.1517	0.1591 0.1378	Ave		0.1546				5.5		30.0			
Ethyl ether	++++ 1.2598	1.3424 1.3171	1.3460 1.3218	1.2062 1.2602	1.3378 1.1349	Ave		1.2807				5.7		30.0			
1,1-Dichloroethene	1.3959 1.1549	1.2181 1.2028	1.2310 1.2065	1.1921 1.1881	1.2116 1.1399	Ave		1.2141				5.7		30.0			
Acrylonitrile	++++ 0.8323	++++ 0.8611	0.9443 0.8600	0.8744 0.8326	0.8682 0.7767	Ave		0.8562				5.5		30.0			
t-Butyl alcohol	++++ 1.6324	1.8570 1.7528	1.6949 1.7927	1.6185 1.8015	1.7227 1.7790	Ave		1.7391				4.6		30.0			
1,1,2-Trichlorotrifluoroethane	++++ 2.7294	2.9568 2.7902	2.9650 2.7948	2.7693 2.7693	2.8282 2.6918	Ave		2.8105				3.3		30.0			
Methylene Chloride	++++ 1.1330	++++ 1.1578	++++ 1.1370	1.2381 1.0921	1.1995 1.0256	Ave		1.1405				6.1		30.0			
3-Chloropropene	++++ 0.9132	++++ 1.0167	0.9857 1.0601	0.9940 1.0509	0.8454 1.0498	Ave		0.9895				7.6		30.0			
Carbon disulfide	++++ 3.3281	3.5958 3.4670	3.5125 3.4718	3.2364 3.4127	3.3795 3.2559	Ave		3.4066				3.5		30.0			
trans-1,2-Dichloroethene	1.4958 1.2061	1.2456 1.2613	1.2499 1.2655	1.1901 1.2411	1.2373 1.1912	Ave		1.2584				7.0		30.0			
2-Methylpentane	++++ 2.3866	2.4298 2.4955	2.3415 2.5295	2.2194 2.4724	2.3838 2.3129	Ave		2.3968				4.1		30.0			
Methyl tert-butyl ether	++++ 2.5998	2.5434 2.7041	2.4474 2.8272	2.4510 2.8125	2.6320 2.7609	Ave		2.6420				5.5		30.0			
1,1-Dichloroethane	++++ 2.2016	2.4502 2.2446	2.3030 2.2714	2.2008 2.2230	2.2795 2.1456	Ave		2.2577				3.8		30.0			
Vinyl acetate	++++ 2.5787	++++ 2.7825	2.2302 2.8610	2.1801 2.9304	2.4720 2.8051	Ave		2.6050				11.1		30.0			
2-Butanone	++++ 0.5307	++++ 0.5451	++++ 0.5558	0.5705 0.5430	0.5553 0.5123	Ave		0.5447				3.5		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

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 9	LVL 5 LVL 10		B	M1	M2								
Hexane	++++ 0.8400	++++ 0.8627	0.8879 0.8852	0.8461 0.8670	0.8697 0.8096	Ave		0.8585				3.0		30.0			
cis-1,2-Dichloroethene	1.5403 1.2674	1.3515 1.3255	1.3300 1.3426	1.2589 1.3181	1.3156 1.2742	Ave		1.3324				6.0		30.0			
Ethyl acetate	2.7418 2.5312	2.5601 2.6616	2.4848 2.7645	2.4301 2.7346	2.6030 2.6258	Ave		2.6138				4.4		30.0			
Chloroform	++++ 2.8699	3.2711 2.9549	3.0738 2.9780	2.8636 2.9312	2.9914 2.8946	Ave		2.9809				4.3		30.0			
Tetrahydrofuran	++++ 1.1773	++++ 1.2437	1.3593 1.3076	1.2386 1.2894	1.1424 1.2292	Ave		1.2484				5.6		30.0			
1,1,1-Trichloroethane	3.2961 2.6268	2.9035 2.7628	2.7164 2.8505	2.5941 2.8755	2.6947 2.9342	Ave		2.8254				7.2		30.0			
1,2-Dichloroethane	++++ 0.3835	0.4316 0.3962	0.3946 0.4090	0.3812 0.4111	0.3957 0.4139	Ave		0.4019				4.0		30.0			
1-Butanol	++++ 0.0841	++++ 0.0971	++++ 0.1121	0.1027 0.1131	0.0894 0.1126	Ave		0.1016				11.7		30.0			
Cyclohexane	++++ 0.1155	++++ 0.1197	0.1035 0.1231	0.1099 0.1210	0.1161 0.1142	Ave		0.1154				5.5		30.0			
Benzene	++++ 0.7806	0.8623 0.8102	0.8177 0.8086	0.7619 0.7986	0.7910 0.7453	Ave		0.7973				4.3		30.0			
Carbon tetrachloride	0.6715 0.5528	0.6153 0.6514	0.5885 0.6951	0.5659 0.7176	0.4514 0.7730	Ave		0.6282				14.9		30.0			
2,3-Dimethylpentane	++++ 0.1621	++++ 0.1697	0.1520 0.1752	0.1496 0.1732	0.1633 0.1665	Ave		0.1640				5.7		30.0			
Thiophene	++++ 0.4641	0.4685 0.4855	0.4613 0.4987	0.4507 0.4972	0.4669 0.4793	Ave		0.4747				3.5		30.0			
2,2,4-Trimethylpentane	1.3530 1.1984	1.1959 1.2381	1.1383 1.2889	1.1233 1.2877	1.1781 1.2398	Ave		1.2242				5.9		30.0			
Heptane	0.2356 0.2432	0.2063 0.2572	0.2061 0.2703	0.2053 0.2677	0.2390 0.2584	Ave		0.2389				10.7		30.0			
1,2-Dichloropropane	0.3970 0.3270	0.3629 0.3322	0.3258 0.3434	0.3225 0.3425	0.3235 0.3316	Ave		0.3408				6.8		30.0			
Trichloroethene	0.4712 0.3936	0.3803 0.4066	0.3890 0.4168	0.3809 0.4246	0.3976 0.4240	Ave		0.4085				6.7		30.0			
Dibromomethane	++++ 0.3872	0.4486 0.4040	0.4113 0.4114	0.3892 0.4194	0.4050 0.4255	Ave		0.4113				4.6		30.0			
Bromodichloromethane	0.6977 0.6305	0.6221 0.6657	0.5992 0.7071	0.5791 0.7232	0.6082 0.7439	Ave		0.6577				8.8		30.0			
1,4-Dioxane	++++ 0.1203	0.1327 0.1294	0.1183 0.1309	0.1079 0.1335	0.1150 0.1332	Ave		0.1246				7.6		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

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 9	LVL 5 LVL 10		B	M1	M2								
Methyl methacrylate	0.3441 0.3307	0.3019 0.3513	0.3010 0.3771	0.2762 0.3827	0.3193 0.3786	Ave		0.3363				11.0		30.0			
Methylcyclohexane	++++ 0.4460	++++ 0.4757	0.3844 0.4978	0.3759 0.5032	0.4247 0.4929	Lin1F		0.4918							0.9990		0.9900
4-Methyl-2-pentanone (MIBK)	0.6297 0.5967	0.6049 0.6551	0.5591 0.6967	0.5181 0.7043	0.5988 0.6882	Ave		0.6252				9.8		30.0			
cis-1,3-Dichloropropene	0.4510 0.4491	0.4104 0.4776	0.3805 0.5074	0.3794 0.5218	0.4240 0.5171	Ave		0.4518				11.8		30.0			
trans-1,3-Dichloropropene	0.4509 0.4552	0.3877 0.5007	0.3919 0.5385	0.3868 0.5513	0.4164 0.5592	Ave		0.4639				14.9		30.0			
Toluene	++++ 1.1044	++++ 1.1567	1.0556 1.1843	1.0121 1.1706	1.0722 1.1413	Ave		1.1085				5.3		30.0			
1,1,2-Trichloroethane	0.4620 0.3893	0.4128 0.4066	0.4057 0.4071	0.3891 0.4023	0.3890 0.3945	Ave		0.4058				5.3		30.0			
2-Hexanone	++++ 0.3070	++++ 0.3600	++++ 0.3852	0.2523 0.3863	0.2913 0.3755	Ave		0.3368				15.8		30.0			
Octane	++++ 0.3183	++++ 0.3373	0.2450 0.3488	0.2465 0.3436	0.2978 0.3281	Ave		0.3082				13.5		30.0			
C8 Range	++++ 2.6476	++++ 2.7056	++++ 2.8056	2.2536 2.8157	2.6503 2.7517	Ave		2.6614				7.2		30.0			
Dibromochloromethane	0.7411 0.7782	0.6946 0.8476	0.6960 0.9161	0.6775 0.9414	0.7142 0.9888	Ave		0.7996				14.4		30.0			
1,2-Dibromoethane	0.8116 0.7319	0.6821 0.7681	0.6894 0.7837	0.6723 0.7904	0.7174 0.7996	Ave		0.7446				7.0		30.0			
Tetrachloroethene	0.5673 0.4687	0.4869 0.4853	0.4757 0.4997	0.4489 0.5005	0.4719 0.5105	Ave		0.4915				6.5		30.0			
Chlorobenzene	++++ 0.9737	1.0320 1.0035	0.9919 1.0190	0.9761 0.9991	0.9859 0.9563	Ave		0.9931				2.4		30.0			
Ethylbenzene	1.4893 1.4551	1.2866 1.5320	1.2544 1.5716	1.2535 1.5714	1.3807 1.5585	Ave		1.4353				9.2		30.0			
m-Xylene & p-Xylene	1.1126 1.1571	0.9642 1.2146	0.9859 1.2374	1.0071 1.2256	1.1320 1.1888	Ave		1.1225				9.2		30.0			
Nonane	0.5541 0.6787	0.4707 0.7297	0.4795 0.7455	0.5157 0.7342	0.6380 0.6939	Ave		0.6240				17.5		30.0			
Bromoform	++++ 0.8735	++++ 0.9954	0.7071 1.1296	0.6771 1.1920	0.7166 1.2528	Ave		0.9430				24.6		30.0			
Styrene	0.6137 0.8256	0.5892 0.8909	0.6194 0.9273	0.6486 0.9367	0.7685 0.8985	Ave		0.7718				18.4		30.0			
o-Xylene	1.1721 1.2263	1.0562 1.2989	1.0841 1.2885	1.0992 1.3099	1.1938 1.3200	Ave		1.2049				8.3		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

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 9	LVL 5 LVL 10		B	M1	M2								
1,1,2,2-Tetrachloroethane	1.1263 1.0180	0.9877 1.0716	0.9614 1.0781	0.9420 1.0928	0.9975 1.0938	Ave		1.0369				6.1		30.0			
1,2,3-Trichloropropane	0.2705 0.2440	0.2386 0.2564	0.2365 0.2625	0.2285 0.2672	0.2467 0.2762	Ave		0.2527				6.4		30.0			
Isopropylbenzene	1.6167 1.5873	1.3460 1.7081	1.3287 1.7341	1.3345 1.7770	1.4928 1.8090	Ave		1.5734				11.9		30.0			
Propylbenzene	++++ 0.4490	++++ 0.4920	0.3526 0.5033	0.3584 0.5257	0.4131 0.5362	Ave		0.4538				16.0		30.0			
2-Chlorotoluene	0.4536 0.4510	0.4269 0.4773	0.4093 0.4847	0.3997 0.4981	0.4409 0.5104	Ave		0.4552				8.2		30.0			
4-Ethyltoluene	1.4121 1.6125	1.2580 1.7399	1.3100 1.8085	1.2798 1.8681	1.5156 1.8900	Ave		1.5694				15.8		30.0			
1,3,5-Trimethylbenzene	++++ 0.6929	++++ 0.7476	0.5952 0.7719	0.6106 0.7961	0.6765 0.8181	Lin1	-0.031	0.8026							0.9990		0.9900
Alpha Methyl Styrene	0.4784 0.6215	0.4156 0.7155	0.4512 0.7727	0.4463 0.8193	0.5471 0.8447	Ave		0.6112				27.1		30.0			
Decane	0.6701 0.9597	0.6585 1.0267	0.7610 1.0534	0.8273 1.0416	0.9183 0.9738	Ave		0.8890				16.9		30.0			
tert-Butylbenzene	1.3152 1.5511	1.2212 1.6872	1.3414 1.7520	1.3634 1.8039	1.4740 1.7974	Ave		1.5307				14.3		30.0			
1,2,4-Trimethylbenzene	1.1674 1.4280	1.1028 1.5503	1.2061 1.5934	1.2243 1.6447	1.3684 1.6388	Ave		1.3924				14.9		30.0			
sec-Butylbenzene	1.6008 2.0105	1.5102 2.2114	1.6155 2.2932	1.6784 2.3528	1.8891 2.3059	Ave		1.9468				17.0		30.0			
1,3-Dichlorobenzene	1.2473 1.0255	1.0660 1.0944	1.0182 1.1344	0.9416 1.2255	0.9949 1.2916	Ave		1.1039				10.7		30.0			
Benzyl chloride	++++ 0.8989	++++ 1.0996	++++ 1.2625	0.6303 1.3849	0.8180 1.4628	Ave		1.0796				28.7		30.0			
1,4-Dichlorobenzene	1.1241 0.9911	1.0208 1.0626	0.9799 1.1208	0.8994 1.2136	0.9487 1.2695	Ave		1.0631				11.1		30.0			
4-Isopropyltoluene	1.3509 1.7872	1.2977 1.9651	1.4214 2.0425	1.5010 2.1267	1.7008 2.1520	Ave		1.7345				18.9		30.0			
1,2,3-Trimethylbenzene	1.1166 1.4192	1.1015 1.5542	1.2565 1.6015	1.2413 1.6560	1.3465 1.7042	Ave		1.3998				15.8		30.0			
Indane	1.0795 1.3469	1.0623 1.4990	1.1197 1.5449	1.1114 1.6036	1.2650 1.5636	Ave		1.3196				16.6		30.0			
1,2-Dichlorobenzene	1.2260 1.0299	1.0610 1.1294	1.0451 1.1483	0.9933 1.2177	1.0251 1.2294	Ave		1.1105				8.2		30.0			
Butylbenzene	1.4103 1.7786	1.3062 1.9657	1.5038 1.9892	1.5161 2.0113	1.6851 1.9397	Ave		1.7106				15.4		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

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 9	LVL 5 LVL 10		B	M1	M2								
Indene	0.9144 1.1688	0.8109 1.3250	0.9269 1.3661	0.9697 1.4310	1.0891 1.4196	Ave		1.1421				20.3		30.0			
Undecane	++++ 1.0978	++++ 1.2074	++++ 1.2497	++++ 1.2473	0.9079 1.1568	Ave		1.1285				11.1		30.0			
1,2-Dibromo-3-Chloropropane	++++ 0.5637	++++ 0.6434	0.4512 0.7005	0.4360 0.7738	0.4870 ++++	Ave		0.5794				22.5		30.0			
1,2,4,5-Tetramethylbenzene	++++ 1.6184	++++ 1.8220	1.2164 1.9142	1.2913 2.0674	1.4963 2.1384	Ave		1.6956				20.4		30.0			
Dodecane	++++ 1.1253	++++ 1.2507	0.9000 1.2826	0.8935 1.3269	1.0555 1.2320	Ave		1.1333				15.0		30.0			
1,2,4-Trichlorobenzene	1.0089 0.9465	0.8532 1.0113	0.9280 1.0697	0.8096 1.2208	0.8654 1.3040	Ave		1.0017				16.0		30.0			
Naphthalene	1.7143 1.7421	1.3500 1.8788	1.5131 1.8963	1.4442 2.0073	1.5875 1.9893	Ave		1.7123				13.6		30.0			
Hexachlorobutadiene	++++ 1.2132	1.6035 1.2272	1.5475 1.1244	1.3769 1.1064	1.2449 1.0483	Ave		1.2769				15.2		30.0			
1,2,3-Trichlorobenzene	++++ 0.9188	0.9764 0.9246	0.9890 0.8993	0.8899 0.9390	0.8729 0.9522	Ave		0.9291				4.2		30.0			
2-Methylnaphthalene	++++ 0.3535	++++ 0.4907	++++ 0.6031	++++ 0.7952	0.2806 0.9133	Ave		0.5728				43.2		50.0			
1-Methylnaphthalene	++++ 0.6827	++++ 0.7675	++++ 0.7854	0.5532 0.9609	0.6473 1.0315	Ave		0.7755				22.0		50.0			
4-Bromofluorobenzene (Surr)	0.7168 0.7693	0.7257 0.7656	0.7340 0.7742	0.7309 0.7918	0.7519 0.8089	Ave		0.7569				4.0		30.0			

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

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-42917/9	HI18IC01.D
Level 2	IC 140-42917/10	HI18IC02.D
Level 3	IC 140-42917/11	HI18IC03.D
Level 4	IC 140-42917/12	HI18IC04.D
Level 5	IC 140-42917/13	HI18IC05.D
Level 6	IC 140-42917/14	HI18IC06.D
Level 7	ICIS 140-42917/15	HI18IC07.D
Level 8	IC 140-42917/7	HI18IC08.D
Level 9	IC 140-42917/5	HI18IC09.D
Level 10	IC 140-42917/3	HI18IC10.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Chlorodifluoromethane	CBM	Ave	+++++ 121787	6048 264081	11412 578119	20952 1122062	51439 1861037	+++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Propene	CBM	Ave	+++++ 52541	+++++ 114740	+++++ 252479	+++++ 485905	22995 757961	+++++ 1.00	+++++ 2.00	+++++ 4.00	+++++ 8.00	0.400 16.0
Dichlorodifluoromethane	CBM	Ave	+++++ 196367	10146 454928	19173 993429	34888 1930581	88582 3335824	+++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Chloromethane	CBM	Ave	+++++ 16437	+++++ 36938	+++++ 78307	3271 150248	7819 236876	+++++ 1.00	+++++ 2.00	+++++ 4.00	0.160 8.00	0.400 16.0
1,2-Dichlorotetrafluoroethane	CBM	Ave	+++++ 148361	7154 321040	13243 688431	25826 1326960	63478 2249126	+++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Vinyl chloride	CBM	Ave	1548 54595	2918 122319	5313 262748	10279 504451	23640 833167	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Butane	CBM	Ave	+++++ 68460	+++++ 152253	6553 328029	13010 635145	29173 1042187	+++++ 1.00	+++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,3-Butadiene	CBM	Ave	+++++ 37234	+++++ 84583	4027 179430	7279 343080	16331 573249	+++++ 1.00	+++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Bromomethane	CBM	Ave	+++++ 63686	+++++ 134097	5812 286711	11258 555200	27600 969251	+++++ 1.00	+++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Chloroethane	CBM	Ave	+++++ 23758	+++++ 51381	2521 103756	4357 201933	10077 347591	+++++ 1.00	+++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Ethanol	CBM	Ave	+++++ 120180	+++++ 258857	11936 542755	20874 1017067	51061 1827775	+++++ 5.00	+++++ 10.0	0.400 20.0	0.800 40.0	2.00 80.0
Vinyl bromide	CBM	Ave	+++++ 69728	3431 152958	6169 335987	11622 650654	29441 1078170	+++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2-Methylbutane	CBM	Ave	+++++ 71495	+++++ 154705	6359 340368	12031 642280	30389 1054905	+++++ 1.00	+++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Trichlorofluoromethane	CBM	Ave	+++++ 190541	9277 419577	16999 938985	31850 1883562	80267 3356099	+++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Acrolein	CBM	Ave	++++ 20867	++++ 46725	++++ 106539	4292 207858	9467 345128	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Acetonitrile	CBM	Ave	++++ 28794	++++ 64173	++++ 138700	4345 270572	13270 450450	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Acetone	CBM	Ave	++++ 94043	++++ 193585	++++ 414646	21182 789218	41286 1284091	++++ 3.00	++++ 6.00	++++ 12.0	0.480 24.0	1.20 48.0
Isopropyl alcohol	CBM	Ave	7149 236414	11209 532615	21414 1192541	37755 2334140	97405 3980550	0.0600 3.00	0.120 6.00	0.240 12.0	0.480 24.0	1.20 48.0
Pentane	CBM	Ave	++++ 8822	++++ 19207	++++ 42974	1568 82530	3692 133068	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Ethyl ether	CBM	Ave	++++ 71972	3370 161046	6470 361879	11436 685622	31053 1096039	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1-Dichloroethene	CBM	Ave	1788 65977	3058 147077	5917 330299	11303 646398	28123 1100821	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Acrylonitrile	CBM	Ave	++++ 47548	++++ 105295	++++ 235443	8290 452982	20152 750110	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
t-Butyl alcohol	CBM	Ave	++++ 93260	4662 214331	8147 490792	15345 980162	39987 1718052	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1,2-Trichlorotrifluoroethane	CBM	Ave	++++ 155927	7423 341177	14252 765128	26256 1506710	65646 2599598	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Methylene Chloride	CBM	Ave	++++ 64728	++++ 141568	++++ 311287	11739 594199	27842 990425	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
3-Chloropropene	CBM	Ave	++++ 52172	++++ 124322	4738 290215	9424 571751	19622 1013813	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Carbon disulfide	CBM	Ave	++++ 190132	9027 423932	16884 950462	30685 1856745	78443 3144344	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
trans-1,2-Dichloroethene	CBM	Ave	1916 68904	3127 154231	6008 346455	11284 675219	28719 1150341	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2-Methylpentane	CBM	Ave	++++ 136342	6100 305139	11255 692492	21043 1345156	55330 2233683	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Methyl tert-butyl ether	CBM	Ave	++++ 148522	6385 330645	11764 773992	23238 1530200	61092 2666241	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1-Dichloroethane	CBM	Ave	++++ 125773	6151 274467	11070 621833	20866 1209460	52911 2072050	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Vinyl acetate	CBM	Ave	++++ 147319	++++ 340228	10720 783245	20670 1594330	57379 2708930	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2-Butanone	CBM	Ave	++++ 30317	++++ 66651	++++ 152162	5409 295420	12890 494755	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Hexane	CBM	Ave	++++ 47990	++++ 105491	4268 242350	8022 471734	20186 781856	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
cis-1,2-Dichloroethene	CBM	Ave	1973 72406	3393 162072	6393 367577	11936 717150	30536 1230554	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
Ethyl acetate	CBM	Ave	3512 144604	6427 325450	11944 756850	23040 1487839	60419 2535844	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Chloroform	CBM	Ave	++++ 163955	8212 361312	14775 815286	27150 1594801	69434 2795407	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Tetrahydrofuran	CBM	Ave	++++ 67257	++++ 152076	6534 357981	11743 701501	26517 1187052	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1,1-Trichloroethane	CBM	Ave	4222 150068	7289 337819	13057 780368	24595 1564497	62546 2833686	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2-Dichloroethane	DFBZ	Ave	++++ 99255	4956 221239	8693 508272	16576 1004604	42226 1792028	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1-Butanol	DFBZ	Ave	++++ 21756	++++ 54249	++++ 139313	4465 276317	9535 487363	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Cyclohexane	DFBZ	Ave	++++ 29894	++++ 66850	2279 152924	4779 295620	12387 494635	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Benzene	DFBZ	Ave	++++ 202038	9902 452447	18013 1004792	33127 1951490	84409 3227034	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Carbon tetrachloride	DFBZ	Ave	3919 143069	7066 363784	12965 863776	24605 1753588	48167 3346758	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2,3-Dimethylpentane	DFBZ	Ave	++++ 41967	++++ 94766	3349 217751	6506 423196	17426 720961	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Thiophene	DFBZ	Ave	++++ 120126	5380 271149	10161 619749	19598 1215151	49826 2075045	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2,2,4-Trimethylpentane	DFBZ	Ave	7896 310177	13733 691441	25076 1601734	48844 3146942	125706 5367971	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Heptane	DFBZ	Ave	1375 62951	2369 143660	4540 335953	8928 654200	25501 1118610	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2-Dichloropropane	DFBZ	Ave	2317 84648	4167 185527	7177 426707	14023 836870	34516 1435622	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Trichloroethene	DFBZ	Ave	2750 101870	4367 227057	8570 517924	16563 1037632	42425 1835976	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Dibromomethane	DFBZ	Ave	++++ 100217	5152 225638	9060 511229	16924 1024864	43215 1842494	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Bromodichloromethane	DFBZ	Ave	4072 163184	7144 371783	13200 878767	25179 1767386	64899 3220697	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,4-Dioxane	DFBZ	Ave	++++ 31134	1524 72291	2607 162697	4693 326282	12270 576848	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Methyl methacrylate	DFBZ	Ave	2008 85600	3467 196186	6631 468684	12011 935300	34068 1639267	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Methylcyclohexane	DFBZ	Lin1F	++++ 115427	++++ 265635	8468 618585	16343 1229617	45323 2133954	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
4-Methyl-2-pentanone (MIBK)	DFBZ	Ave	3675 154440	6947 365838	12317 865847	22529 1721176	63895 2979642	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
cis-1,3-Dichloropropene	DFBZ	Ave	2632 116247	4713 266735	8382 630508	16495 1275069	45245 2238935	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
trans-1,3-Dichloropropene	CBZd5	Ave	2185 99789	3704 236354	7164 574113	13999 1181579	37416 2155163	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Toluene	CBZd5	Ave	++++ 242085	10313 545973	19296 1262546	36632 2509140	96339 4398388	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1,2-Trichloroethane	CBZd5	Ave	2239 85328	3944 191918	7416 434010	14084 862326	34951 1520287	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2-Hexanone	CBZd5	Ave	++++ 67299	++++ 169914	++++ 410682	9131 827999	26175 1447021	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Octane	CBZd5	Ave	++++ 69768	++++ 159207	++++ 371860	8923 736561	26757 1264589	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
C8 Range	DFBZ	Ave	++++ 685260	++++ 1510944	++++ 3486485	97991 6880935	282800 11914235	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
Dibromochloromethane	CBZd5	Ave	3591 170591	6637 400088	12723 976647	24521 2017891	64171 3810788	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2-Dibromoethane	CBZd5	Ave	3933 160437	6517 362537	12602 835506	24331 1694087	64461 3081360	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Tetrachloroethene	CBZd5	Ave	2749 102735	4652 229057	8695 532738	16248 1072685	42406 1967432	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Chlorobenzene	CBZd5	Ave	++++ 213443	9860 473646	18131 1086311	35329 2141587	88588 3685309	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Ethylbenzene	CBZd5	Ave	7217 318968	12293 723116	22930 1675381	45368 3368227	124064 6006174	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
m-Xylene & p-Xylene	CBZd5	Ave	10783 507264	18426 1146596	36042 2638276	72897 5254033	203435 9162503	0.0400 2.00	0.0800 4.00	0.160 8.00	0.320 16.0	0.800 32.0
Nonane	CBZd5	Ave	2685 148770	4497 344432	8765 794721	18663 1573797	57327 2674120	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Bromoform	CBZd5	Ave	++++ 191463	++++ 469842	12925 1204226	24506 2555048	64389 4828058	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Styrene	CBZd5	Ave	2974 180962	5630 420499	11322 988598	23474 2007763	69053 3462596	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
o-Xylene	CBZd5	Ave	5680 268802	10092 613095	19817 1373652	39783 2807616	107263 5087122	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,1,2,2-Tetrachloroethane	CBZd5	Ave	5458 223150	9437 505822	17574 1149348	34095 2342271	89626 4215381	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2,3-Trichloropropane	CBZd5	Ave	1311 53484	2280 121015	4324 279847	8270 572654	22166 1064554	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Isopropylbenzene	CBZd5	Ave	7834 347946	12861 806233	24288 1848658	48299 3808855	134132 6971624	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Propylbenzene	CBZd5	Ave	++++ 98413	++++ 232211	6446 536555	12971 1126781	37114 2066226	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Chlorotoluene	CBZd5	Ave	2198 98865	4079 225279	7482 516754	14466 1067573	39617 1966971	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
4-Ethyltoluene	CBZd5	Ave	6843 353453	12020 821242	23946 1928015	46319 4004163	136180 7283437	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,3,5-Trimethylbenzene	CBZd5	Lin1	++++ 151882	++++ 352880	10880 822881	22100 1706391	60789 3152709	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Alpha Methyl Styrene	CBZd5	Ave	2318 136240	3971 337717	8247 823728	16153 1756037	49155 3255164	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Decane	CBZd5	Ave	3247 210376	6292 484632	13911 1122966	29942 2232667	82509 3752927	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
tert-Butylbenzene	CBZd5	Ave	6373 340013	11668 796386	24520 1867738	49345 3866398	132443 6926671	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2,4-Trimethylbenzene	CBZd5	Ave	5657 313021	10537 731770	22047 1698714	44313 3525217	122956 6315458	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
sec-Butylbenzene	CBZd5	Ave	7757 440703	14430 1043826	29531 2444674	60747 5042968	169739 8886486	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,3-Dichlorobenzene	CBZd5	Ave	6044 224798	10185 516565	18612 1209308	34081 2626784	89391 4977471	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Benzyl chloride	CBZd5	Ave	++++ 197042	++++ 519034	++++ 1345945	22814 2968329	73498 5637131	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
1,4-Dichlorobenzene	CBZd5	Ave	5447 217255	9753 501579	17912 1194832	32553 2601325	85246 4892439	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
4-Isopropyltoluene	CBZd5	Ave	6546 391747	12399 927560	25983 2177403	54326 4558408	152822 8293299	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2,3-Trimethylbenzene	CBZd5	Ave	5411 311084	10525 733600	22968 1707275	44928 3549552	120989 6567732	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Indane	CBZd5	Ave	5231 295250	10150 707567	20467 1646988	40225 3437079	113664 6025787	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2-Dichlorobenzene	CBZd5	Ave	5941 225757	10138 533069	19103 1224155	35952 2610090	92108 4737960	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Butylbenzene	CBZd5	Ave	6834 389861	12480 927851	27489 2120593	54872 4310942	151415 7475011	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Indene	CBZd5	Ave	4431 256208	7748 625409	16944 1456310	35096 3067251	97856 5470861	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Undecane	CBZd5	Ave	++++ 240633	++++ 569919	++++ 1332226	32860 2673540	92809 4457859	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
1,2-Dibromo-3-Chloropropane	CBZd5	Ave	++++ 123555	++++ 303706	8248 746777	15780 1658499	43755 ++++	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 ++++
1,2,4,5-Tetramethylbenzene	CBZd5	Ave	++++ 354765	++++ 860012	22236 2040670	46737 4431330	134447 8240738	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Dodecane	CBZd5	Ave	++++ 246670	++++ 590357	16451 1367363	32338 2844028	94837 4747740	++++ 1.00	++++ 2.00	0.0800 4.00	0.160 8.00	0.400 16.0

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

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,2,4-Trichlorobenzene	CBZd5	Ave	4889 207479	8152 477337	16963 1140339	29301 2616608	77757 5025127	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Naphthalene	CBZd5	Ave	8307 381875	12899 886811	27659 2021623	52271 4302434	142641 7666162	0.0200 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
Hexachlorobutadiene	CBZd5	Ave	++++ 265937	15321 579255	28287 1198665	49834 2371571	111854 4039795	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
1,2,3-Trichlorobenzene	CBZd5	Ave	++++ 201398	9329 436415	18079 958720	32207 2012569	78430 3669452	++++ 1.00	0.0400 2.00	0.0800 4.00	0.160 8.00	0.400 16.0
2-Methylnaphthalene	CBZd5	Ave	++++ 77496	++++ 231636	++++ 642957	++++ 1704598	25215 3519977	++++ 1.00	++++ 2.00	++++ 4.00	++++ 8.00	0.400 16.0
1-Methylnaphthalene	CBZd5	Ave	++++ 149661	++++ 362311	++++ 837299	20023 2059741	58162 3975234	++++ 1.00	++++ 2.00	++++ 4.00	0.160 8.00	0.400 16.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	805803 782452	804376 838359	778202 957446	767143 984378	783737 904012	4.64 4.64	4.64 4.64	4.64 4.64	4.64 4.64	4.64 4.64

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin1F = Linear 1/conc ISTD forced zero

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-42917/9	HI18IC01.D
Level 2	IC 140-42917/10	HI18IC02.D
Level 3	IC 140-42917/11	HI18IC03.D
Level 4	IC 140-42917/12	HI18IC04.D
Level 5	IC 140-42917/13	HI18IC05.D
Level 6	IC 140-42917/14	HI18IC06.D
Level 7	ICIS 140-42917/15	HI18IC07.D
Level 8	IC 140-42917/7	HI18IC08.D
Level 9	IC 140-42917/5	HI18IC09.D
Level 10	IC 140-42917/3	HI18IC10.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Chlorodifluoromethane	+++++	10.6						50				
Propene	+++++	+++++	+++++	+++++	9.1						50	
Dichlorodifluoromethane	+++++	9.2						50				
Chloromethane	+++++	+++++	+++++	16.2						50		
1,2-Dichlorotetrafluoroethane	+++++	8.8						50				
Vinyl chloride	17.5						50					
Butane	+++++	+++++	10.4						50			
1,3-Butadiene	+++++	+++++	21.1						50			
Bromomethane	+++++	+++++	9.1						50			
Chloroethane	+++++	+++++	24.7						50			
Ethanol	+++++	+++++	17.9						50			
Vinyl bromide	+++++	10.3						50				
2-Methylbutane	+++++	+++++	6.5						50			
Trichlorofluoromethane	+++++	6.7						50				

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Acrolein	+++++	+++++	+++++	15.8						50		
Acetonitrile	+++++	+++++	+++++	-9.1						50		
Acetone	+++++	+++++	+++++	35.6						80		
Isopropyl alcohol	27.0						50					
Pentane	+++++	+++++	+++++	7.0						50		
Ethyl ether	+++++	4.8						50				
1,1-Dichloroethene	15.0						50					
Acrylonitrile	+++++	+++++	10.3						50			
t-Butyl alcohol	+++++	6.8						50				
1,1,2-Trichlorotrifluoroethane	+++++	5.2						50				
Methylene Chloride	+++++	+++++	+++++	8.6						80		
3-Chloropropene	+++++	+++++	-0.4						50			
Carbon disulfide	+++++	5.6						50				
trans-1,2-Dichloroethene	18.9						50					
2-Methylpentane	+++++	1.4						50				
Methyl tert-butyl ether	+++++	-3.7						50				
1,1-Dichloroethane	+++++	8.5						50				
Vinyl acetate	+++++	+++++	-14.4						50			
2-Butanone	+++++	+++++	+++++	4.7						50		
Hexane	+++++	+++++	3.4						50			
cis-1,2-Dichloroethene	15.6						50					

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Ethyl acetate	4.9						50					
Chloroform	+++++	9.7						50				
Tetrahydrofuran	+++++	+++++	8.9						50			
1,1,1-Trichloroethane	16.7						50					
1,2-Dichloroethane	+++++	7.4						50				
1-Butanol	+++++	+++++	+++++	1.1						50		
Cyclohexane	+++++	+++++	-10.3						50			
Benzene	+++++	8.1						50				
Carbon tetrachloride	6.9						50					
2,3-Dimethylpentane	+++++	+++++	-7.3						50			
Thiophene	+++++	-1.3						50				
2,2,4-Trimethylpentane	10.5						50					
Heptane	-1.4						50					
1,2-Dichloropropane	16.5						50					
Trichloroethene	15.4						50					
Dibromomethane	+++++	9.1						50				
Bromodichloromethane	6.1						50					
1,4-Dioxane	+++++	6.5						50				
Methyl methacrylate	2.3						50					
Methylcyclohexane	+++++	+++++	-21.8						50			
4-Methyl-2-pentanone (MIBK)	0.7						50					

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
cis-1,3-Dichloropropene	-0.2						50					
trans-1,3-Dichloropropene	-2.8						50					
Toluene	++++	-2.6						50				
1,1,2-Trichloroethane	13.8						50					
2-Hexanone	++++	++++	++++	-25.1						50		
Octane	++++	++++	-20.5						50			
Dibromochloromethane	-7.3						50					
1,2-Dibromoethane	9.0						50					
Tetrachloroethene	15.4						50					
Chlorobenzene	++++	3.9						50				
Ethylbenzene	3.8						50					
m-Xylene & p-Xylene	-0.9						50					
Nonane	-11.2						50					
Bromoform	++++	++++	-25.0						50			
Styrene	-20.5						50					
o-Xylene	-2.7						50					
1,1,2,2-Tetrachloroethane	8.6						50					
1,2,3-Trichloropropane	7.1						50					
Isopropylbenzene	2.7						50					
Propylbenzene	++++	++++	-22.3						50			
2-Chlorotoluene	-0.4						50					

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
4-Ethyltoluene	-10.0						50					
1,3,5-Trimethylbenzene	++++	++++	22.0						50			
Alpha Methyl Styrene	-21.7						50					
Decane	-24.6						50					
tert-Butylbenzene	-14.1						50					
1,2,4-Trimethylbenzene	-16.2						50					
sec-Butylbenzene	-17.8						50					
1,3-Dichlorobenzene	13.0						50					
Benzyl chloride	++++	++++	++++	-41.6						50		
1,4-Dichlorobenzene	5.7						50					
4-Isopropyltoluene	-22.1						50					
1,2,3-Trimethylbenzene	-20.2						50					
Indane	-18.2						50					
1,2-Dichlorobenzene	10.4						50					
Butylbenzene	-17.6						50					
Indene	-19.9						50					
Undecane	++++	++++	++++	-19.5						50		
1,2-Dibromo-3-Chloropropane	++++	++++	-22.1	++++					50			
1,2,4,5-Tetramethylbenzene	++++	++++	-28.3						50			
Dodecane	++++	++++	-20.6						50			
1,2,4-Trichlorobenzene	0.7						50					

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1 Analy Batch No.: 42917

SDG No.: _____

Instrument ID: MH GC Column: RTX-5 ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2020 19:41 Calibration End Date: 09/19/2020 06:37 Calibration ID: 2638

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #	LVL 9 #	LVL 10 #			LVL 7	LVL 8	LVL 9	LVL 10		
Naphthalene	0.1						80					
Hexachlorobutadiene	+++++	25.6						50				
1,2,3-Trichlorobenzene	+++++	5.1						50				
2-Methylnaphthalene	+++++	+++++	+++++	+++++	-51.0						80	
1-Methylnaphthalene	+++++	+++++	+++++	-28.7						80		

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC10.D
 Lims ID: IC L10
 Client ID:
 Sample Type: IC Calib Level: 10
 Inject. Date: 18-Sep-2020 19:41:30 ALS Bottle#: 13 Worklist Smp#: 3
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-003
 Misc. Info.: 324143
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:38:39 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 07:58:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.415	9.399	0.016	94	289719	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.586	11.574	0.012	94	1298909	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.258	16.254	0.004	87	1156131	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.902	17.898	0.004	97	904012	4.64	4.96	
6 Chlorodifluoromethane	51	3.859	3.856	0.003	97	1861037	16.0	14.2	
7 Propene	41	3.875	3.868	0.007	96	757961	16.0	13.8	
8 Dichlorodifluoromethane	85	3.932	3.925	0.007	100	3335824	16.0	14.9	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.138	4.135	0.003	89	2249126	16.0	14.2	
9 Chloromethane	52	4.133	4.136	-0.003	97	236876	16.0	13.2	
11 Acetaldehyde	44	4.304	4.303	0.001	90	1380077	80.0	66.5	
12 Vinyl chloride	62	4.324	4.321	0.003	99	833167	16.0	13.4	
13 Butane	43	4.423	4.417	0.006	81	1042187	16.0	14.0	
14 Butadiene	54	4.423	4.417	0.006	75	573249	16.0	13.7	
15 Bromomethane	94	4.784	4.780	0.004	98	969251	16.0	14.5	
16 Chloroethane	64	4.945	4.936	0.009	88	347591	16.0	13.7	
17 Ethanol	31	5.053	5.038	0.015	99	1827775	80.0	71.9	
18 Vinyl bromide	106	5.281	5.272	0.009	96	1078170	16.0	14.4	
19 2-Methylbutane	43	5.327	5.320	0.007	91	1054905	16.0	14.1	
20 Trichlorofluoromethane	101	5.575	5.566	0.009	100	3356099	16.0	16.0	
21 Acrolein	56	5.586	5.581	0.005	96	345128	16.0	14.6	
22 Acetonitrile	40	5.668	5.657	0.011	98	450450	16.0	14.8	
23 Acetone	58	5.704	5.708	-0.004	99	1284091	48.0	38.7	
25 Isopropyl alcohol	45	5.803	5.801	0.002	94	3980550	48.0	45.0	
24 Pentane	72	5.808	5.804	0.004	94	133068	16.0	14.3	
26 Ethyl ether	31	5.983	5.996	-0.013	94	1096039	16.0	14.2	
27 1,1-Dichloroethene	96	6.345	6.338	0.007	97	1100821	16.0	15.0	
28 Acrylonitrile	53	6.464	6.453	0.011	93	750110	16.0	14.5	
29 2-Methyl-2-propanol	59	6.443	6.459	-0.016	97	1718052	16.0	16.4	
30 112TCTFE	101	6.526	6.522	0.004	95	2599598	16.0	15.3	
31 Methylene Chloride	84	6.723	6.715	0.008	99	990425	16.0	14.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.738	6.728	0.010	97	1013813	16.0	17.0	
33 Carbon disulfide	76	6.898	6.892	0.006	99	3144344	16.0	15.3	
34 trans-1,2-Dichloroethene	96	7.581	7.573	0.007	98	1150341	16.0	15.1	
35 2-Methylpentane	43	7.591	7.582	0.009	94	2233683	16.0	15.4	
36 Methyl tert-butyl ether	73	7.689	7.712	-0.023	97	2666241	16.0	16.7	
37 1,1-Dichloroethane	63	8.030	8.021	0.009	100	2072050	16.0	15.2	
38 Vinyl acetate	43	8.128	8.123	0.005	100	2708930	16.0	17.2	
39 2-Butanone (MEK)	72	8.588	8.600	-0.012	97	494755	16.0	15.0	
40 Hexane	56	8.619	8.610	0.009	89	781856	16.0	15.1	
41 Isopropyl ether	45	8.769	8.781	-0.012	96	3546192	16.0	15.8	
42 cis-1,2-Dichloroethene	96	9.064	9.050	0.014	95	1230554	16.0	15.3	
43 Ethyl acetate	43	9.224	9.228	-0.004	98	2535844	16.0	16.1	
44 Chloroform	83	9.420	9.404	0.016	97	2795407	16.0	15.5	
45 Tert-butyl ethyl ether	59	9.472	9.489	-0.017	97	3265689	16.0	16.6	
46 Tetrahydrofuran	42	9.803	9.829	-0.026	92	1187052	16.0	15.8	
47 1,1,1-Trichloroethane	97	10.470	10.461	0.009	96	2833686	16.0	16.6	
48 1,2-Dichloroethane	62	10.583	10.571	0.012	98	1792028	16.0	16.5	
49 n-Butanol	31	10.966	10.977	-0.011	90	487363	16.0	17.7	
50 Cyclohexane	69	11.054	11.047	0.007	94	494635	16.0	15.8	
51 Benzene	78	11.064	11.051	0.013	98	3227034	16.0	15.0	
52 Carbon tetrachloride	117	11.079	11.071	0.008	98	3346758	16.0	19.7	
53 2,3-Dimethylpentane	71	11.157	11.152	0.005	91	720961	16.0	16.2	
54 Thiophene	84	11.333	11.322	0.011	96	2075045	16.0	16.2	
55 Isooctane	57	11.788	11.779	0.009	97	5367971	16.0	16.2	
56 n-Heptane	71	12.149	12.140	0.009	93	1118610	16.0	17.3	
57 1,2-Dichloropropane	63	12.258	12.251	0.007	90	1435622	16.0	15.6	
58 Trichloroethene	130	12.289	12.279	0.010	96	1835976	16.0	16.6	
59 Dibromomethane	93	12.382	12.375	0.007	92	1842494	16.0	16.6	
60 Dichlorobromomethane	83	12.521	12.510	0.011	99	3220697	16.0	18.1	
61 1,4-Dioxane	88	12.506	12.522	-0.016	91	576848	16.0	17.1	
62 Methyl methacrylate	41	12.578	12.579	-0.001	92	1639267	16.0	18.0	
63 Methylcyclohexane	83	13.043	13.037	0.006	95	2133954	16.0	16.0	
64 4-Methyl-2-pentanone (MIBK)	43	13.416	13.424	-0.008	98	2979642	16.0	17.6	
65 cis-1,3-Dichloropropene	75	13.498	13.491	0.007	95	2238935	16.0	18.3	
66 trans-1,3-Dichloropropene	75	14.181	14.174	0.006	98	2155163	16.0	19.3	
67 Toluene	91	14.310	14.302	0.008	93	4398388	16.0	16.5	
68 1,1,2-Trichloroethane	83	14.382	14.378	0.004	98	1520287	16.0	15.6	
69 2-Hexanone	58	14.734	14.740	-0.006	92	1447021	16.0	17.8	
70 n-Octane	85	14.961	14.955	0.006	92	1264589	16.0	17.0	
71 Chlorodibromomethane	129	15.085	15.080	0.005	97	3810788	16.0	19.8	
72 Ethylene Dibromide	107	15.380	15.371	0.009	98	3081360	16.0	17.2	
73 Tetrachloroethene	129	15.436	15.433	0.003	95	1967432	16.0	16.6	
75 2,3-Dimethylheptane	43	16.294	16.292	0.002	92	3602633	16.0	13.8	
74 Chlorobenzene	112	16.310	16.305	0.005	94	3685309	16.0	15.4	
76 Ethylbenzene	91	16.584	16.582	0.002	99	6006174	16.0	17.4	
77 m-Xylene & p-Xylene	91	16.744	16.739	0.005	98	9162503	32.0	33.9	
78 n-Nonane	57	17.132	17.130	0.002	90	2674120	16.0	17.8	
79 Bromoform	173	17.209	17.204	0.005	96	4828058	16.0	21.3	
80 Styrene	104	17.209	17.205	0.004	93	3462596	16.0	18.6	
81 o-Xylene	91	17.271	17.267	0.004	99	5087122	16.0	17.5	
82 1,1,2,2-Tetrachloroethane	83	17.602	17.597	0.005	99	4215381	16.0	16.9	
83 1,2,3-Trichloropropane	110	17.767	17.762	0.005	98	1064554	16.0	17.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.866	17.860	0.006	96	6971624	16.0	18.4	
85 N-Propylbenzene	120	18.403	18.398	0.005	99	2066226	16.0	18.9	
86 2-Chlorotoluene	126	18.455	18.452	0.003	97	1966971	16.0	17.9	
87 4-Ethyltoluene	105	18.553	18.548	0.005	98	7283437	16.0	19.3	
88 1,3,5-Trimethylbenzene	120	18.625	18.618	0.007	93	3152709	16.0	16.3	
89 Alpha Methyl Styrene	118	18.858	18.853	0.005	88	3255164	16.0	22.1	
90 n-Decane	57	18.894	18.889	0.005	92	3752927	16.0	17.5	
91 tert-Butylbenzene	119	19.054	19.051	0.003	92	6926671	16.0	18.8	
92 1,2,4-Trimethylbenzene	105	19.070	19.062	0.008	95	6315458	16.0	18.8	
93 sec-Butylbenzene	105	19.323	19.320	0.003	97	8886486	16.0	19.0	
94 1,3-Dichlorobenzene	146	19.349	19.345	0.004	97	4977471	16.0	18.7	
95 Benzyl chloride	91	19.421	19.418	0.003	98	5637131	16.0	21.7	
96 1,4-Dichlorobenzene	146	19.437	19.433	0.004	94	4892439	16.0	19.1	
97 4-Isopropyltoluene	119	19.483	19.480	0.003	97	8293299	16.0	19.9	
98 1,2,3-Trimethylbenzene	105	19.545	19.541	0.004	98	6567732	16.0	19.5	
99 Butylcyclohexane	83	19.592	19.588	0.004	95	4927356	16.0	17.9	
101 2,3-Dihydroindene	117	19.799	19.794	0.005	94	6025787	16.0	19.0	
100 1,2-Dichlorobenzene	146	19.804	19.798	0.006	96	4737960	16.0	17.7	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	7475011	16.0	18.1	
102 Indene	116	19.933	19.926	0.007	93	5470861	16.0	19.9	
104 Undecane	57	20.212	20.211	0.001	94	4457859	16.0	16.4	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	95	3322404	16.0	23.8	
106 1,2,4,5-Tetramethylbenzene	119	20.698	20.695	0.003	97	8240738	16.0	20.2	
107 Dodecane	57	21.328	21.326	0.002	95	4747740	16.0	17.4	
108 1,2,4-Trichlorobenzene	180	21.571	21.566	0.005	93	5025127	16.0	20.8	
109 Naphthalene	128	21.700	21.696	0.004	99	7666162	16.0	18.6	
110 Hexachlorobutadiene	225	21.856	21.853	0.003	89	4039795	16.0	13.1	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	96	3669452	16.0	16.4	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	99	3519977	16.0	25.5	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	99	3975234	16.0	21.3	
A 115 C8 Range	1	14.961	(14.909-15.013)		0	11914235	16.0	16.5	
S 116 Xylenes, Total	100				0		48.0	51.4	
S 117 1,2-Dichloroethene, Total	1				0		32.0	30.4	

QC Flag Legend

Processing Flags

Reagents:

40L10DQP_00020

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:38:40

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC10.D

Injection Date: 18-Sep-2020 19:41:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L10

Worklist Smp#: 3

Client ID:

Purge Vol: 500.000 mL

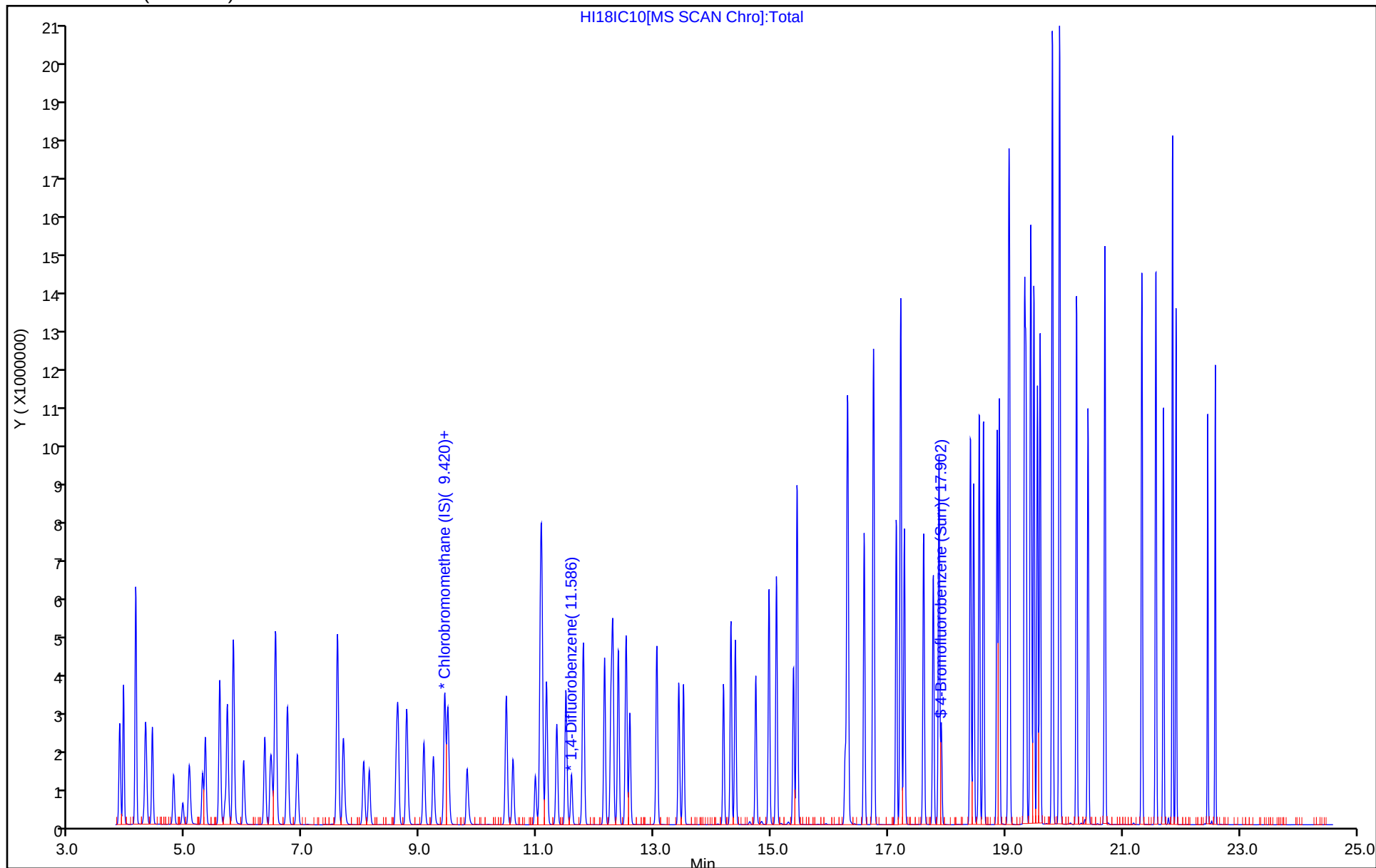
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC10.D

Injection Date: 18-Sep-2020 19:41:30

Instrument ID: MH

Lims ID: IC L10

Client ID:

Operator ID: AFB

ALS Bottle#: 13

Worklist Smp#: 3

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

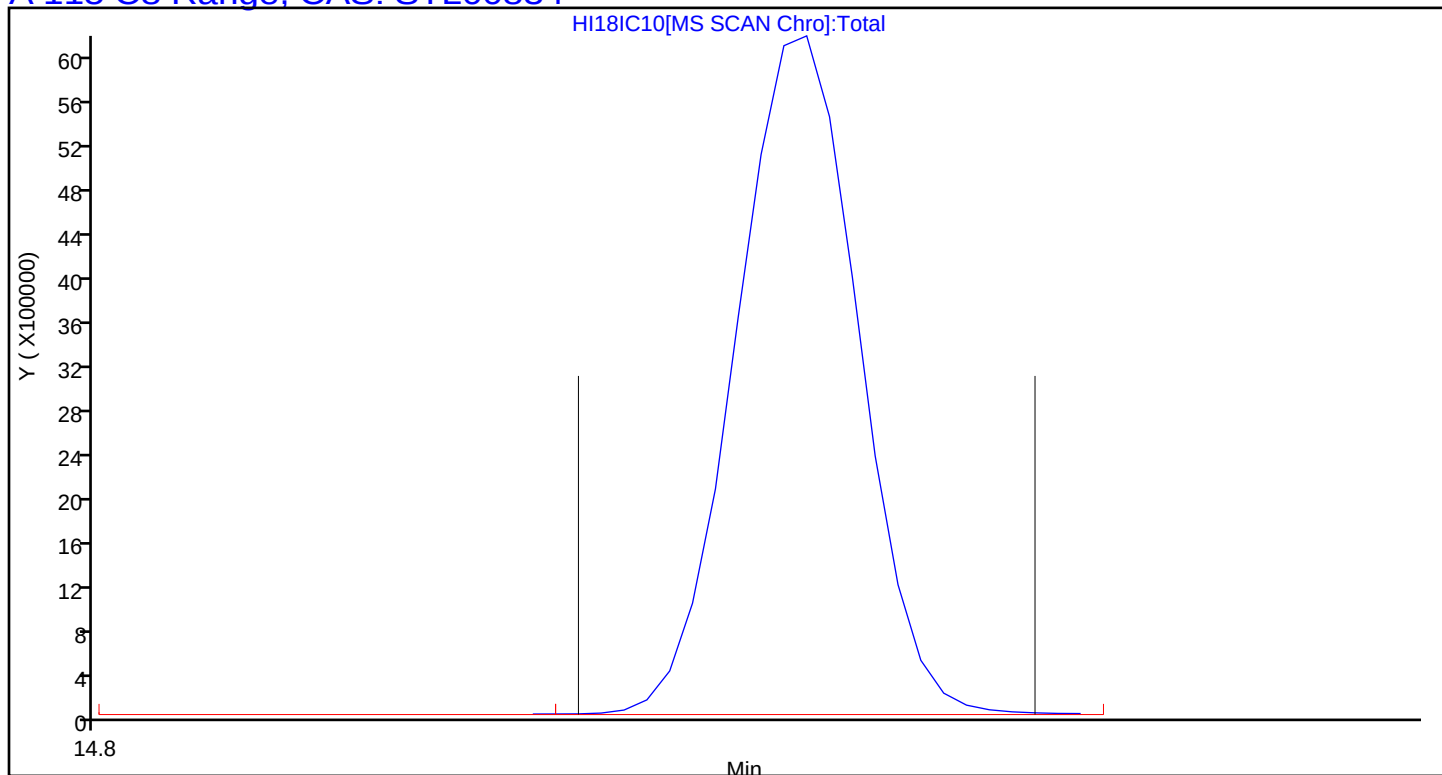
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC09.D
 Lims ID: IC L9
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 18-Sep-2020 21:36:30 ALS Bottle#: 14 Worklist Smp#: 5
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-005
 Misc. Info.: 324145
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:38:46 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 07:59:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.405	9.399	0.006	91	326442	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.581	11.574	0.007	94	1466261	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.258	16.254	0.004	85	1286048	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.902	17.898	0.004	98	984378	4.64	4.85	
6 Chlorodifluoromethane	51	3.859	3.856	0.003	97	1122062	8.00	7.58	
7 Propene	41	3.869	3.868	0.001	97	485905	8.00	7.87	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	100	1930581	8.00	7.67	
9 Chloromethane	52	4.133	4.136	-0.003	98	150248	8.00	7.44	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.138	4.135	0.003	88	1326960	8.00	7.45	
11 Acetaldehyde	44	4.304	4.303	0.001	92	869537	40.0	37.2	
12 Vinyl chloride	62	4.324	4.321	0.003	99	504451	8.00	7.21	
13 Butane	43	4.417	4.417	0.000	83	635145	8.00	7.56	
14 Butadiene	54	4.422	4.417	0.005	75	343080	8.00	7.30	
15 Bromomethane	94	4.784	4.780	0.004	98	555200	8.00	7.36	
16 Chloroethane	64	4.939	4.936	0.003	94	201933	8.00	7.06	
17 Ethanol	31	5.043	5.038	0.005	99	1017067	40.0	35.5	
18 Vinyl bromide	106	5.275	5.272	0.003	97	650654	8.00	7.72	
19 2-Methylbutane	43	5.327	5.320	0.007	92	642280	8.00	7.61	
20 Trichlorofluoromethane	101	5.570	5.566	0.004	100	1883562	8.00	7.99	
21 Acrolein	56	5.580	5.581	-0.001	96	207858	8.00	7.82	
22 Acetonitrile	40	5.658	5.657	0.001	98	270572	8.00	7.89	
23 Acetone	58	5.699	5.708	-0.009	99	789218	24.0	21.1	
25 Isopropyl alcohol	45	5.792	5.801	-0.009	95	2334140	24.0	23.4	
24 Pentane	72	5.808	5.804	0.004	98	82530	8.00	7.85	
26 Ethyl ether	31	5.978	5.996	-0.018	93	685622	8.00	7.87	
27 1,1-Dichloroethene	96	6.340	6.338	0.002	98	646398	8.00	7.83	
29 2-Methyl-2-propanol	59	6.433	6.459	-0.026	96	980162	8.00	8.29	
28 Acrylonitrile	53	6.459	6.453	0.006	93	452982	8.00	7.78	
30 112TCTFE	101	6.526	6.522	0.004	96	1506710	8.00	7.88	
31 Methylene Chloride	84	6.722	6.715	0.007	96	594199	8.00	7.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.733	6.728	0.005	98	571751	8.00	8.50	
33 Carbon disulfide	76	6.898	6.892	0.006	99	1856745	8.00	8.01	
34 trans-1,2-Dichloroethene	96	7.580	7.573	0.007	97	675219	8.00	7.89	
35 2-Methylpentane	43	7.585	7.582	0.003	94	1345156	8.00	8.25	
36 Methyl tert-butyl ether	73	7.684	7.712	-0.028	97	1530200	8.00	8.52	
37 1,1-Dichloroethane	63	8.030	8.021	0.009	100	1209460	8.00	7.88	
38 Vinyl acetate	43	8.123	8.123	0.000	100	1594330	8.00	9.00	
39 2-Butanone (MEK)	72	8.583	8.600	-0.017	97	295420	8.00	7.98	
40 Hexane	56	8.614	8.610	0.004	89	471734	8.00	8.08	
41 Isopropyl ether	45	8.764	8.781	-0.017	97	2113700	8.00	8.33	
42 cis-1,2-Dichloroethene	96	9.058	9.050	0.008	94	717150	8.00	7.91	
43 Ethyl acetate	43	9.219	9.228	-0.009	99	1487839	8.00	8.37	
44 Chloroform	83	9.415	9.404	0.011	95	1594801	8.00	7.87	
45 Tert-butyl ethyl ether	59	9.472	9.489	-0.017	97	1898687	8.00	8.57	
46 Tetrahydrofuran	42	9.798	9.829	-0.031	93	701501	8.00	8.26	
47 1,1,1-Trichloroethane	97	10.464	10.461	0.003	96	1564497	8.00	8.14	
48 1,2-Dichloroethane	62	10.578	10.571	0.007	98	1004604	8.00	8.18	
49 n-Butanol	31	10.960	10.977	-0.017	91	276317	8.00	8.91	
50 Cyclohexane	69	11.048	11.047	0.001	95	295620	8.00	8.39	
51 Benzene	78	11.059	11.051	0.008	98	1951490	8.00	8.01	
52 Carbon tetrachloride	117	11.074	11.071	0.003	96	1753588	8.00	9.14	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	92	423196	8.00	8.45	
54 Thiophene	84	11.327	11.322	0.005	96	1215151	8.00	8.38	
55 Isooctane	57	11.782	11.779	0.003	98	3146942	8.00	8.42	
56 n-Heptane	71	12.144	12.140	0.004	93	654200	8.00	8.96	
57 1,2-Dichloropropane	63	12.258	12.251	0.007	92	836870	8.00	8.04	
58 Trichloroethene	130	12.284	12.279	0.005	97	1037632	8.00	8.32	
59 Dibromomethane	93	12.382	12.375	0.007	93	1024864	8.00	8.16	
61 1,4-Dioxane	88	12.506	12.522	-0.016	91	326282	8.00	8.57	
60 Dichlorobromomethane	83	12.516	12.510	0.006	99	1767386	8.00	8.80	
62 Methyl methacrylate	41	12.578	12.579	-0.001	93	935300	8.00	9.10	
63 Methylcyclohexane	83	13.038	13.037	0.001	96	1229617	8.00	8.18	
64 4-Methyl-2-pentanone (MIBK)	43	13.415	13.424	-0.009	98	1721176	8.00	9.01	
65 cis-1,3-Dichloropropene	75	13.493	13.491	0.002	94	1275069	8.00	9.24	
66 trans-1,3-Dichloropropene	75	14.180	14.174	0.006	98	1181579	8.00	9.51	
67 Toluene	91	14.304	14.302	0.002	93	2509140	8.00	8.45	
68 1,1,2-Trichloroethane	83	14.382	14.378	0.004	97	862326	8.00	7.93	
69 2-Hexanone	58	14.728	14.740	-0.012	91	827999	8.00	9.18	
70 n-Octane	85	14.956	14.955	0.001	94	736561	8.00	8.92	
71 Chlorodibromomethane	129	15.085	15.080	0.005	98	2017891	8.00	9.42	
72 Ethylene Dibromide	107	15.374	15.371	0.003	99	1694087	8.00	8.49	
73 Tetrachloroethene	129	15.436	15.433	0.003	96	1072685	8.00	8.15	
75 2,3-Dimethylheptane	43	16.294	16.292	0.002	95	2259130	8.00	7.80	
74 Chlorobenzene	112	16.310	16.305	0.005	94	2141587	8.00	8.05	
76 Ethylbenzene	91	16.584	16.582	0.002	98	3368227	8.00	8.76	
77 m-Xylene & p-Xylene	91	16.744	16.739	0.005	98	5254033	16.0	17.5	
78 n-Nonane	57	17.131	17.130	0.001	92	1573797	8.00	9.41	
79 Bromoform	173	17.209	17.204	0.005	95	2555048	8.00	10.1	
80 Styrene	104	17.209	17.205	0.004	87	2007763	8.00	9.71	
81 o-Xylene	91	17.271	17.267	0.004	99	2807616	8.00	8.70	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	2342271	8.00	8.43	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	98	572654	8.00	8.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.860	17.860	0.000	96	3808855	8.00	9.04	
85 N-Propylbenzene	120	18.398	18.398	0.000	99	1126781	8.00	9.27	
86 2-Chlorotoluene	126	18.455	18.452	0.003	97	1067573	8.00	8.75	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	4004163	8.00	9.52	
88 1,3,5-Trimethylbenzene	120	18.620	18.618	0.002	93	1706391	8.00	7.97	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	88	1756037	8.00	10.7	
90 n-Decane	57	18.889	18.889	0.000	91	2232667	8.00	9.37	
91 tert-Butylbenzene	119	19.054	19.051	0.003	94	3866398	8.00	9.43	
92 1,2,4-Trimethylbenzene	105	19.064	19.062	0.002	95	3525217	8.00	9.45	
93 sec-Butylbenzene	105	19.323	19.320	0.003	98	5042968	8.00	9.67	
94 1,3-Dichlorobenzene	146	19.349	19.345	0.004	96	2626784	8.00	8.88	
95 Benzyl chloride	91	19.421	19.418	0.003	98	2968329	8.00	10.3	
96 1,4-Dichlorobenzene	146	19.437	19.433	0.004	94	2601325	8.00	9.13	
97 4-Isopropyltoluene	119	19.483	19.480	0.003	97	4558408	8.00	9.81	
98 1,2,3-Trimethylbenzene	105	19.545	19.541	0.004	98	3549552	8.00	9.46	
99 Butylcyclohexane	83	19.592	19.588	0.004	95	2820451	8.00	9.20	
101 2,3-Dihydroindene	117	19.798	19.794	0.004	94	3437079	8.00	9.72	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	97	2610090	8.00	8.77	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	4310942	8.00	9.41	
102 Indene	116	19.928	19.926	0.002	89	3067251	8.00	10.0	
104 Undecane	57	20.212	20.211	0.001	96	2673540	8.00	8.84	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	95	1658499	8.00	10.7	
106 1,2,4,5-Tetramethylbenzene	119	20.698	20.695	0.003	97	4431330	8.00	9.75	
107 Dodecane	57	21.328	21.326	0.002	96	2844028	8.00	9.37	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	2616608	8.00	9.75	
109 Naphthalene	128	21.695	21.696	-0.001	99	4302434	8.00	9.38	
110 Hexachlorobutadiene	225	21.855	21.853	0.002	90	2371571	8.00	6.93	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	2012569	8.00	8.08	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	99	1704598	8.00	11.1	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	2059741	8.00	9.91	
A 115 C8 Range	1	14.961	(14.904-15.007)		0	6880935	8.00	8.46	
S 116 Xylenes, Total	100				0		24.0	26.2	
S 117 1,2-Dichloroethene, Total	1				0		16.0	15.8	

QC Flag Legend

Processing Flags

Reagents:

40L9DQP_00020

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:38:46

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC09.D

Injection Date: 18-Sep-2020 21:36:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L9

Worklist Smp#: 5

Client ID:

Purge Vol: 500.000 mL

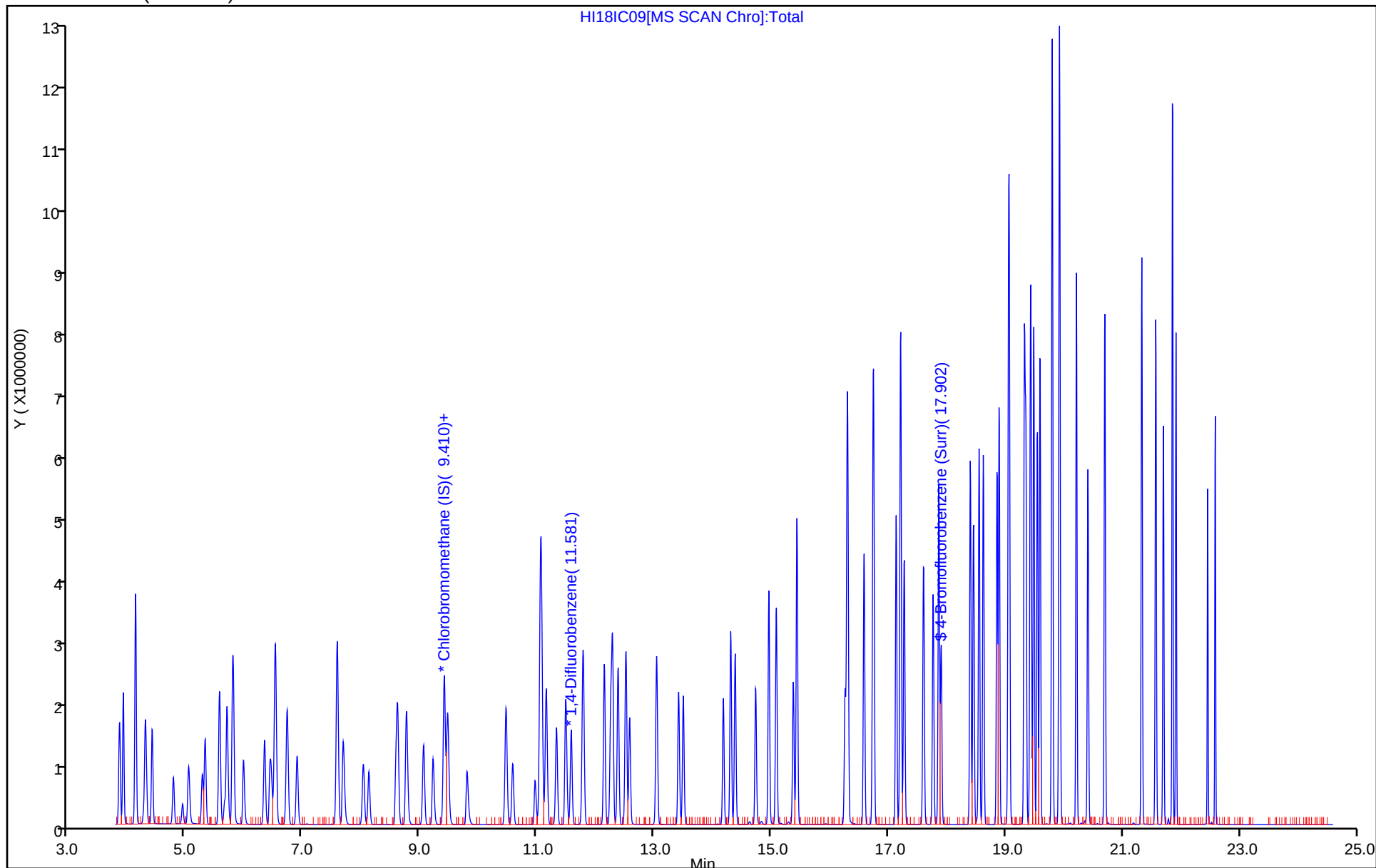
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC09.D

Injection Date: 18-Sep-2020 21:36:30

Instrument ID: MH

Lims ID: IC L9

Client ID:

Operator ID: AFB

ALS Bottle#:

14

Worklist Smp#:

5

Purge Vol: 500.000 mL

Dil. Factor:

1.0000

Method: MH_TO15

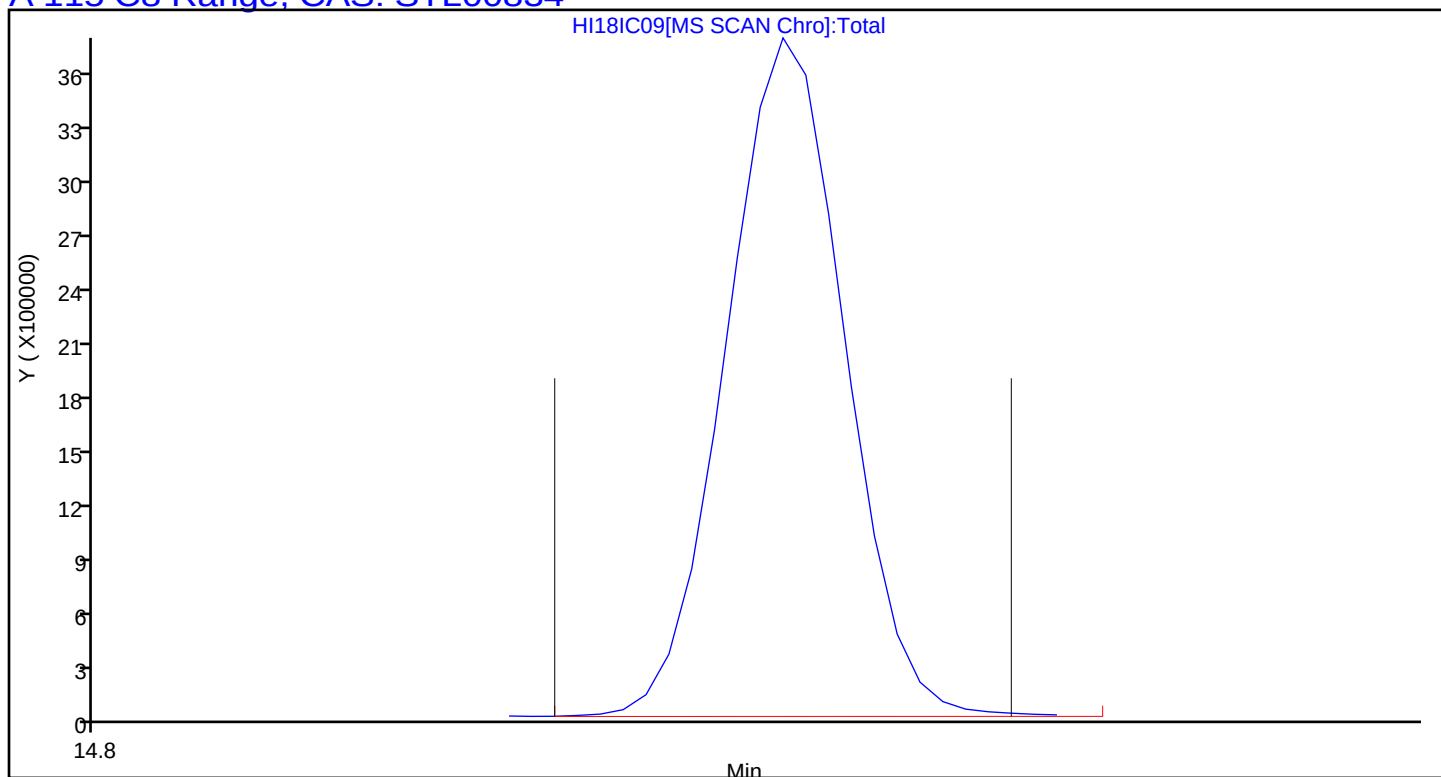
Limit Group:

MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector

MS SCAN

A 115 C8 Range, CAS: STL00834

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC08.D
 Lims ID: IC L8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 18-Sep-2020 23:24:30 ALS Bottle#: 15 Worklist Smp#: 7
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-007
 Misc. Info.: 324144
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:38:52 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.400	9.399	0.001	95	328524	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.576	11.574	0.002	94	1491246	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.258	16.254	0.004	86	1279280	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.902	17.898	0.004	98	957446	4.64	4.75	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	97	578119	4.00	3.88	
7 Propene	41	3.870	3.868	0.002	97	252479	4.00	4.06	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	100	993429	4.00	3.92	
9 Chloromethane	52	4.128	4.136	-0.008	53	78307	4.00	3.85	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	94	688431	4.00	3.84	
11 Acetaldehyde	44	4.304	4.303	0.001	93	463375	20.0	19.7	
12 Vinyl chloride	62	4.319	4.321	-0.002	99	262748	4.00	3.73	
13 Butane	43	4.417	4.417	0.000	83	328029	4.00	3.88	
14 Butadiene	54	4.417	4.417	0.000	74	179430	4.00	3.79	
15 Bromomethane	94	4.779	4.780	-0.001	98	286711	4.00	3.78	
16 Chloroethane	64	4.934	4.936	-0.002	96	103756	4.00	3.60	
17 Ethanol	31	5.032	5.038	-0.006	99	542755	20.0	18.8	
18 Vinyl bromide	106	5.275	5.272	0.003	97	335987	4.00	3.96	
19 2-Methylbutane	43	5.322	5.320	0.002	92	340368	4.00	4.00	
20 Trichlorofluoromethane	101	5.570	5.566	0.004	99	938985	4.00	3.96	
21 Acrolein	56	5.580	5.581	-0.001	96	106539	4.00	3.98	
22 Acetonitrile	40	5.653	5.657	-0.004	99	138700	4.00	4.02	
23 Acetone	58	5.694	5.708	-0.014	98	414646	12.0	11.0	
25 Isopropyl alcohol	45	5.787	5.801	-0.014	98	1192541	12.0	11.9	
24 Pentane	72	5.802	5.804	-0.002	94	42974	4.00	4.06	
26 Ethyl ether	31	5.978	5.996	-0.018	93	361879	4.00	4.13	
27 1,1-Dichloroethene	96	6.340	6.338	0.002	97	330299	4.00	3.97	
29 2-Methyl-2-propanol	59	6.428	6.459	-0.031	96	490792	4.00	4.12	
28 Acrylonitrile	53	6.454	6.453	0.001	93	235443	4.00	4.02	
30 112TCTFE	101	6.521	6.522	-0.001	97	765128	4.00	3.98	
31 Methylene Chloride	84	6.717	6.715	0.002	96	311287	4.00	3.99	
32 3-Chloro-1-propene	39	6.728	6.728	0.000	97	290215	4.00	4.29	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.893	6.892	0.001	99	950462	4.00	4.08	
34 trans-1,2-Dichloroethene	96	7.575	7.573	0.002	99	346455	4.00	4.02	
35 2-Methylpentane	43	7.586	7.582	0.004	95	692492	4.00	4.22	
36 Methyl tert-butyl ether	73	7.684	7.712	-0.028	97	773992	4.00	4.28	
37 1,1-Dichloroethane	63	8.025	8.021	0.004	100	621833	4.00	4.02	
38 Vinyl acetate	43	8.118	8.123	-0.005	100	783245	4.00	4.39	
39 2-Butanone (MEK)	72	8.583	8.600	-0.017	97	152162	4.00	4.08	
40 Hexane	56	8.614	8.610	0.004	90	242350	4.00	4.12	
41 Isopropyl ether	45	8.764	8.781	-0.017	98	1090464	4.00	4.27	
42 cis-1,2-Dichloroethene	96	9.053	9.050	0.003	94	367577	4.00	4.03	
43 Ethyl acetate	43	9.219	9.228	-0.009	99	756850	4.00	4.23	
44 Chloroform	83	9.410	9.404	0.006	95	815286	4.00	4.00	
45 Tert-butyl ethyl ether	59	9.467	9.489	-0.022	97	954398	4.00	4.28	
46 Tetrahydrofuran	42	9.798	9.829	-0.031	93	357981	4.00	4.19	
47 1,1,1-Trichloroethane	97	10.464	10.461	0.003	96	780368	4.00	4.04	
48 1,2-Dichloroethane	62	10.578	10.571	0.007	98	508272	4.00	4.07	
49 n-Butanol	31	10.961	10.976	-0.016	90	139313	4.00	4.41	
50 Cyclohexane	69	11.048	11.047	0.001	95	152924	4.00	4.27	
51 Benzene	78	11.054	11.051	0.003	97	1004792	4.00	4.06	
52 Carbon tetrachloride	117	11.074	11.071	0.003	98	863776	4.00	4.43	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	92	217751	4.00	4.27	
54 Thiophene	84	11.327	11.322	0.005	95	619749	4.00	4.20	
55 Isooctane	57	11.777	11.779	-0.002	98	1601734	4.00	4.21	
56 n-Heptane	71	12.144	12.140	0.004	92	335953	4.00	4.53	
57 1,2-Dichloropropane	63	12.253	12.251	0.002	92	426707	4.00	4.03	
58 Trichloroethene	130	12.278	12.279	-0.001	97	517924	4.00	4.08	
59 Dibromomethane	93	12.377	12.375	0.002	93	511229	4.00	4.00	
61 1,4-Dioxane	88	12.506	12.522	-0.016	93	162697	4.00	4.20	
60 Dichlorobromomethane	83	12.511	12.510	0.001	99	878767	4.00	4.30	
62 Methyl methacrylate	41	12.573	12.579	-0.006	93	468684	4.00	4.49	
63 Methylcyclohexane	83	13.038	13.037	0.001	96	618585	4.00	4.05	
64 4-Methyl-2-pentanone (MIBK)	43	13.410	13.424	-0.014	98	865847	4.00	4.46	
65 cis-1,3-Dichloropropene	75	13.493	13.491	0.002	94	630508	4.00	4.49	
66 trans-1,3-Dichloropropene	75	14.175	14.174	0.001	98	574113	4.00	4.64	
67 Toluene	91	14.304	14.302	0.002	93	1262546	4.00	4.27	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	97	434010	4.00	4.01	
69 2-Hexanone	58	14.728	14.740	-0.012	92	410682	4.00	4.58	
70 n-Octane	85	14.956	14.955	0.001	94	371860	4.00	4.53	
71 Chlorodibromomethane	129	15.080	15.080	0.000	97	976647	4.00	4.58	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	98	835506	4.00	4.21	
73 Tetrachloroethene	129	15.436	15.433	0.003	97	532738	4.00	4.07	
75 2,3-Dimethylheptane	43	16.294	16.292	0.002	96	1180828	4.00	4.10	
74 Chlorobenzene	112	16.305	16.305	0.000	95	1086311	4.00	4.10	
76 Ethylbenzene	91	16.584	16.582	0.002	98	1675381	4.00	4.38	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	2638276	8.00	8.82	
78 n-Nonane	57	17.132	17.130	0.002	93	794721	4.00	4.78	
79 Bromoform	173	17.204	17.204	0.000	96	1204226	4.00	4.79	
80 Styrene	104	17.204	17.205	-0.001	91	988598	4.00	4.81	
81 o-Xylene	91	17.266	17.267	-0.001	99	1373652	4.00	4.28	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	1149348	4.00	4.16	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	98	279847	4.00	4.15	
84 Isopropylbenzene	105	17.860	17.860	0.000	96	1848658	4.00	4.41	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.398	18.398	0.000	99	536555	4.00	4.44	
86 2-Chlorotoluene	126	18.455	18.452	0.003	97	516754	4.00	4.26	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	1928015	4.00	4.61	
88 1,3,5-Trimethylbenzene	120	18.620	18.618	0.002	93	822881	4.00	3.89	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	88	823728	4.00	5.06	
90 n-Decane	57	18.889	18.889	0.000	90	1122966	4.00	4.74	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	91	1867738	4.00	4.58	
92 1,2,4-Trimethylbenzene	105	19.065	19.062	0.003	95	1698714	4.00	4.58	
93 sec-Butylbenzene	105	19.323	19.320	0.003	99	2444674	4.00	4.71	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	97	1209308	4.00	4.11	
95 Benzyl chloride	91	19.421	19.418	0.003	98	1345945	4.00	4.68	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	1194832	4.00	4.22	
97 4-Isopropyltoluene	119	19.483	19.480	0.003	97	2177403	4.00	4.71	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	1707275	4.00	4.58	
99 Butylcyclohexane	83	19.587	19.588	-0.001	95	1399970	4.00	4.59	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	94	1646988	4.00	4.68	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	97	1224155	4.00	4.14	
103 n-Butylbenzene	91	19.917	19.917	0.000	98	2120593	4.00	4.65	
102 Indene	116	19.928	19.926	0.002	88	1456310	4.00	4.78	
104 Undecane	57	20.212	20.211	0.001	96	1332226	4.00	4.43	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	96	746777	4.00	4.84	
106 1,2,4,5-Tetramethylbenzene	119	20.698	20.695	0.003	97	2040670	4.00	4.52	
107 Dodecane	57	21.328	21.326	0.002	96	1367363	4.00	4.53	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	1140339	4.00	4.27	
109 Naphthalene	128	21.695	21.696	-0.001	99	2021623	4.00	4.43	
110 Hexachlorobutadiene	225	21.850	21.853	-0.003	90	1198665	4.00	3.52	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	958720	4.00	3.87	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	99	642957	4.00	4.21	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	837299	4.00	4.05	
A 115 C8 Range	1	14.956	(14.904-15.007)		0	3486485	4.00	4.22	
S 116 Xylenes, Total	100				0		12.0	13.1	
S 117 1,2-Dichloroethene, Total	1				0		8.00	8.05	

Reagents:

40L8DQP_00019

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:38:53

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC08.D

Injection Date: 18-Sep-2020 23:24:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L8

Worklist Smp#: 7

Client ID:

Purge Vol: 500.000 mL

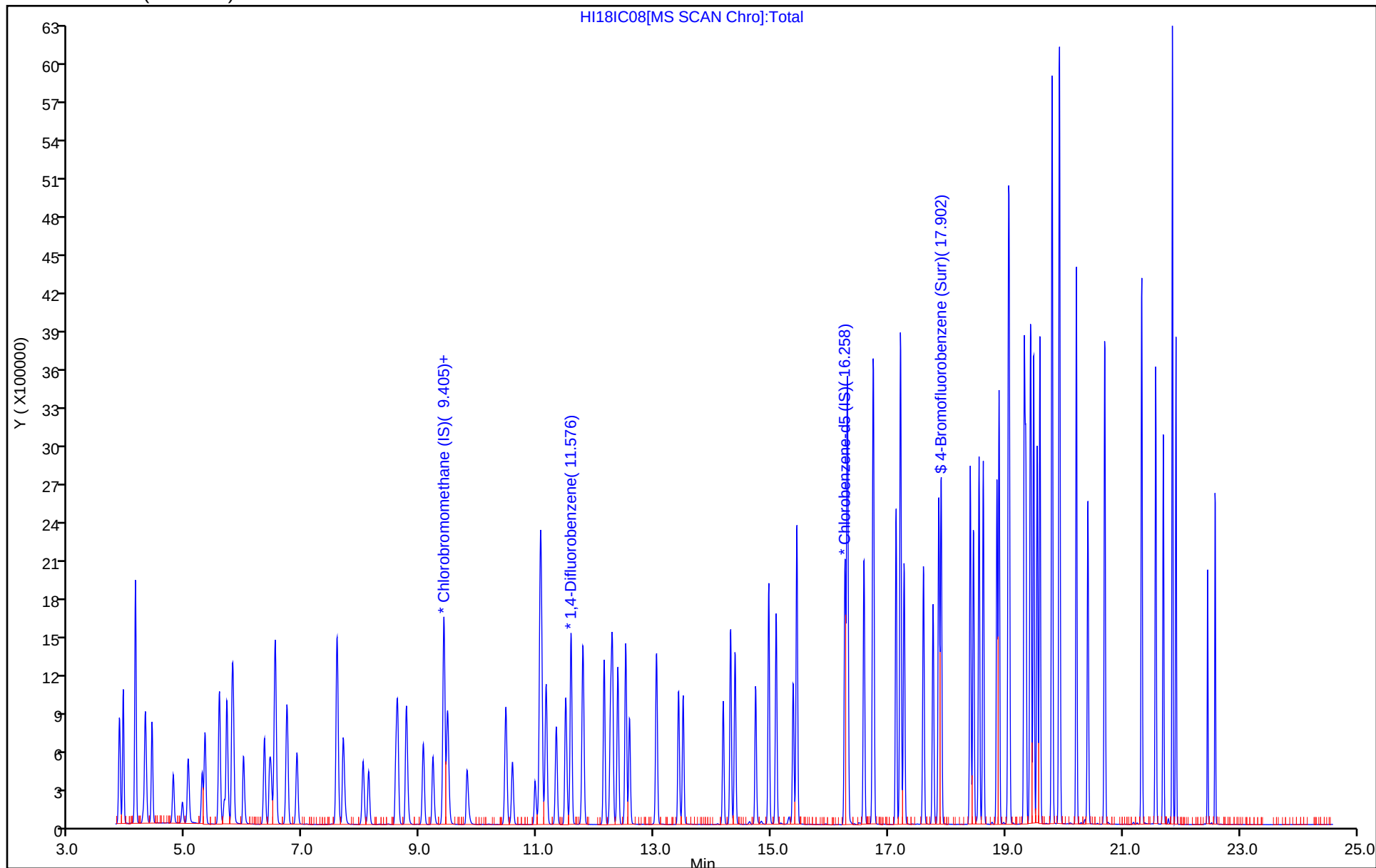
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC08.D

Injection Date: 18-Sep-2020 23:24:30

Instrument ID: MH

Lims ID: IC L8

Client ID:

Operator ID: AFB

ALS Bottle#:

15

Worklist Smp#:

7

Purge Vol: 500.000 mL

Dil. Factor:

1.0000

Method: MH_TO15

Limit Group:

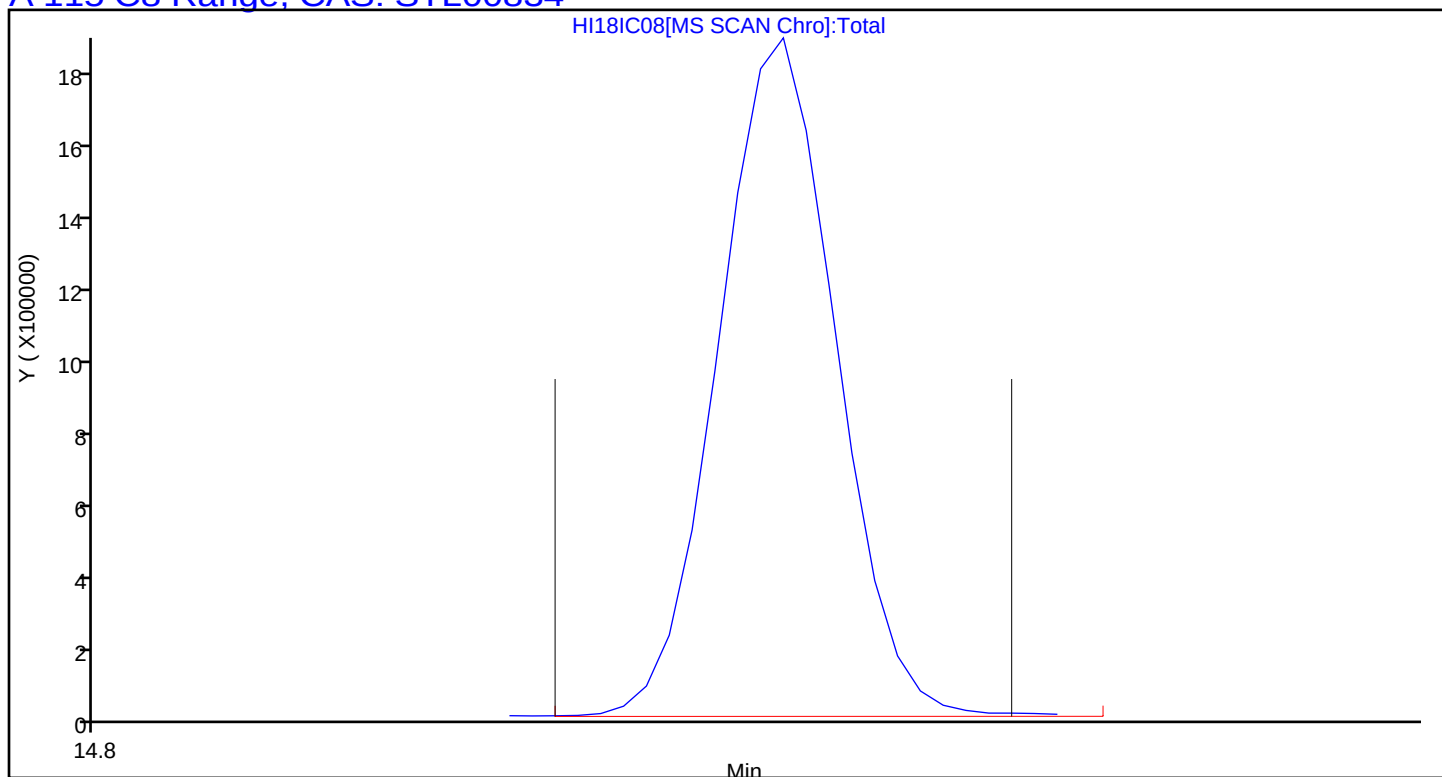
MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector

MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC01.D
 Lims ID: IC L1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 19-Sep-2020 01:11:30 ALS Bottle#: 1 Worklist Smp#: 9
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-009
 Misc. Info.: 324288
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:00 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 07:57:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	88	307420	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1400619	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	87	1162994	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	805803	4.64	4.39	
6 Chlorodifluoromethane	51	3.859	3.856	0.003	92	3202	0.0200	0.0230	
7 Propene	41	3.875	3.868	0.007	90	2011	0.0200	0.0346	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	99	5571	0.0200	0.0235	
9 Chloromethane	52	4.200	4.136	0.064	8	125	0.0200	0.006571	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.138	4.135	0.003	86	4381	0.0200	0.0261	
11 Acetaldehyde	44	4.309	4.303	0.006	96	6685	0.1000	0.3035	
12 Vinyl chloride	62	4.324	4.321	0.003	95	1548	0.0200	0.0235	
13 Butane	43	4.417	4.417	0.000	82	1441	0.0200	0.0182	
14 Butadiene	54	4.412	4.417	-0.005	70	1400	0.0200	0.0316	
15 Bromomethane	94	4.779	4.780	-0.001	94	2028	0.0200	0.0286	
16 Chloroethane	64	4.939	4.936	0.003	48	715	0.0200	0.0265	
17 Ethanol	31	5.053	5.038	0.015	95	4421	0.1000	0.1639	
18 Vinyl bromide	106	5.270	5.272	-0.002	96	1981	0.0200	0.0250	
19 2-Methylbutane	43	5.322	5.320	0.002	88	2394	0.0200	0.0301	
20 Trichlorofluoromethane	101	5.565	5.566	-0.001	99	5321	0.0200	0.0240	
21 Acrolein	56	5.585	5.581	0.004	26	683	0.0200	0.0273	
22 Acetonitrile	40	5.658	5.657	0.001	64	1489	0.0200	0.0461	
23 Acetone	58	5.730	5.708	0.022	98	6070	0.0600	0.1725	
25 Isopropyl alcohol	45	5.833	5.801	0.032	94	7149	0.0600	0.0762	
24 Pentane	72	5.802	5.804	-0.002	89	172	0.0200	0.0174	
26 Ethyl ether	31	6.030	5.996	0.034	79	2150	0.0200	0.0262	
27 1,1-Dichloroethene	96	6.340	6.338	0.002	97	1788	0.0200	0.0230	
29 2-Methyl-2-propanol	59	6.516	6.459	0.057	75	2728	0.0200	0.0245	
28 Acrylonitrile	53	6.454	6.453	0.001	64	1481	0.0200	0.0270	
30 112TCTFE	101	6.521	6.522	-0.001	89	4344	0.0200	0.0241	
31 Methylene Chloride	84	6.717	6.715	0.002	91	2960	0.0200	0.0405	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.728	6.728	0.000	95	1956	0.0200	0.0309	
33 Carbon disulfide	76	6.888	6.892	-0.004	95	5156	0.0200	0.0236	
34 trans-1,2-Dichloroethene	96	7.570	7.573	-0.003	82	1916	0.0200	0.0238	
35 2-Methylpentane	43	7.585	7.582	0.003	92	3663	0.0200	0.0239	
36 Methyl tert-butyl ether	73	7.766	7.712	0.054	97	3767	0.0200	0.0223	
37 1,1-Dichloroethane	63	8.014	8.021	-0.007	85	3529	0.0200	0.0244	
38 Vinyl acetate	43	8.133	8.123	0.010	99	3847	0.0200	0.0231	
39 2-Butanone (MEK)	72	8.635	8.600	0.035	97	1116	0.0200	0.0320	
40 Hexane	56	8.598	8.610	-0.012	85	1473	0.0200	0.0268	
41 Isopropyl ether	45	8.821	8.781	0.040	95	5206	0.0200	0.0218	
42 cis-1,2-Dichloroethene	96	9.048	9.050	-0.002	93	1973	0.0200	0.0231	
43 Ethyl acetate	43	9.255	9.228	0.027	96	3512	0.0200	0.0210	
44 Chloroform	83	9.400	9.404	-0.004	28	4948	0.0200	0.0259	
45 Tert-butyl ethyl ether	59	9.534	9.489	0.045	95	4571	0.0200	0.0219	
46 Tetrahydrofuran	42	9.880	9.829	0.051	94	2810	0.0200	0.0351	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	95	4222	0.0200	0.0233	
48 1,2-Dichloroethane	62	10.568	10.571	-0.003	95	2875	0.0200	0.0245	
49 n-Butanol	31	11.012	10.982	0.030	69	1910	0.0200	0.0644	
50 Cyclohexane	69	11.048	11.047	0.001	66	946	0.0200	0.0281	
51 Benzene	78	11.048	11.051	-0.003	97	6130	0.0200	0.0263	
52 Carbon tetrachloride	117	11.069	11.071	-0.002	89	3919	0.0200	0.0214	
53 2,3-Dimethylpentane	71	11.141	11.152	-0.011	84	949	0.0200	0.0198	
54 Thiophene	84	11.322	11.322	0.000	94	3102	0.0200	0.0224	
55 Isooctane	57	11.777	11.779	-0.002	98	7896	0.0200	0.0221	
56 n-Heptane	71	12.139	12.140	-0.001	87	1375	0.0200	0.0197	
57 1,2-Dichloropropane	63	12.253	12.251	0.002	83	2317	0.0200	0.0233	
58 Trichloroethene	130	12.278	12.279	-0.001	93	2750	0.0200	0.0231	
59 Dibromomethane	93	12.377	12.375	0.002	92	3232	0.0200	0.0269	
61 1,4-Dioxane	88	12.552	12.522	0.030	62	852	0.0200	0.0234	
60 Dichlorobromomethane	83	12.506	12.510	-0.004	96	4072	0.0200	0.0212	
62 Methyl methacrylate	41	12.583	12.579	0.004	92	2008	0.0200	0.0205	
63 Methylcyclohexane	83	13.033	13.037	-0.004	87	2538	0.0200	0.0177	
64 4-Methyl-2-pentanone (MIBK)	43	13.446	13.424	0.022	94	3675	0.0200	0.0201	
65 cis-1,3-Dichloropropene	75	13.493	13.491	0.002	91	2632	0.0200	0.0200	
66 trans-1,3-Dichloropropene	75	14.175	14.174	0.001	97	2185	0.0200	0.0194	
67 Toluene	91	14.304	14.302	0.002	91	6150	0.0200	0.0229	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	96	2239	0.0200	0.0228	
69 2-Hexanone	58	14.754	14.740	0.014	91	1545	0.0200	0.0189	
70 n-Octane	85	14.956	14.955	0.001	88	1102	0.0200	0.0148	
71 Chlorodibromomethane	129	15.080	15.080	0.000	97	3591	0.0200	0.0185	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	94	3933	0.0200	0.0218	
73 Tetrachloroethene	129	15.431	15.433	-0.002	95	2749	0.0200	0.0231	
75 2,3-Dimethylheptane	43	16.294	16.292	0.002	88	7616	0.0200	0.0291	
74 Chlorobenzene	112	16.305	16.305	0.000	95	6068	0.0200	0.0252	
76 Ethylbenzene	91	16.584	16.582	0.002	98	7217	0.0200	0.0208	
77 m-Xylene & p-Xylene	91	16.733	16.739	-0.006	98	10783	0.0400	0.0396	
78 n-Nonane	57	17.126	17.130	-0.004	85	2685	0.0200	0.0178	
79 Bromoform	173	17.204	17.204	0.000	94	3776	0.0200	0.0165	
80 Styrene	104	17.204	17.205	-0.001	93	2974	0.0200	0.0159	
81 o-Xylene	91	17.266	17.267	-0.001	99	5680	0.0200	0.0195	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	96	5458	0.0200	0.0217	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	96	1311	0.0200	0.0214	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.860	17.860	0.000	88	7834	0.0200	0.0205	
85 N-Propylbenzene	120	18.403	18.398	0.005	97	1841	0.0200	0.0167	
86 2-Chlorotoluene	126	18.455	18.452	0.003	97	2198	0.0200	0.0199	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	6843	0.0200	0.0180	
88 1,3,5-Trimethylbenzene	120	18.615	18.618	-0.003	91	2798	0.0200	0.0527	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	87	2318	0.0200	0.0157	
90 n-Decane	57	18.889	18.889	0.000	89	3247	0.0200	0.0151	
91 tert-Butylbenzene	119	19.054	19.051	0.003	90	6373	0.0200	0.0172	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	94	5657	0.0200	0.0168	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	97	7757	0.0200	0.0164	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	97	6044	0.0200	0.0226	
95 Benzyl chloride	91	19.421	19.418	0.003	83	3433	0.0200	0.0131	
96 1,4-Dichlorobenzene	146	19.437	19.433	0.004	94	5447	0.0200	0.0211	
97 4-Isopropyltoluene	119	19.483	19.480	0.003	96	6546	0.0200	0.0156	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	97	5411	0.0200	0.0160	
99 Butylcyclohexane	83	19.586	19.588	-0.002	90	4381	0.0200	0.0158	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	83	5231	0.0200	0.0164	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	94	5941	0.0200	0.0221	
103 n-Butylbenzene	91	19.917	19.917	0.000	95	6834	0.0200	0.0165	
102 Indene	116	19.922	19.926	-0.004	91	4431	0.0200	0.0160	
104 Undecane	57	20.212	20.211	0.001	87	3330	0.0200	0.0122	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	92	2326	0.0200	0.0166	
106 1,2,4,5-Tetramethylbenzene	119	20.692	20.695	-0.003	95	5792	0.0200	0.0141	
107 Dodecane	57	21.323	21.326	-0.003	88	3525	0.0200	0.0128	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	92	4889	0.0200	0.0201	
109 Naphthalene	128	21.695	21.696	-0.001	98	8307	0.0200	0.0200	
110 Hexachlorobutadiene	225	21.855	21.853	0.002	91	8461	0.0200	0.0273	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	93	6007	0.0200	0.0267	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	96	2191	0.0200	0.0158	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	97	3796	0.0200	0.0202	
A 115 C8 Range	1	14.956	(14.925-14.987)		0	17921	0.0200	0.0231	
S 116 Xylenes, Total	100				0		0.0600	0.0591	
S 117 1,2-Dichloroethene, Total	1				0		0.0400	0.0469	

QC Flag Legend

Processing Flags

Reagents:

40L1-3DQP_00032

Amount Added: 50.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:01

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC01.D

Injection Date: 19-Sep-2020 01:11:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L1

Worklist Smp#: 9

Client ID:

Purge Vol: 500.000 mL

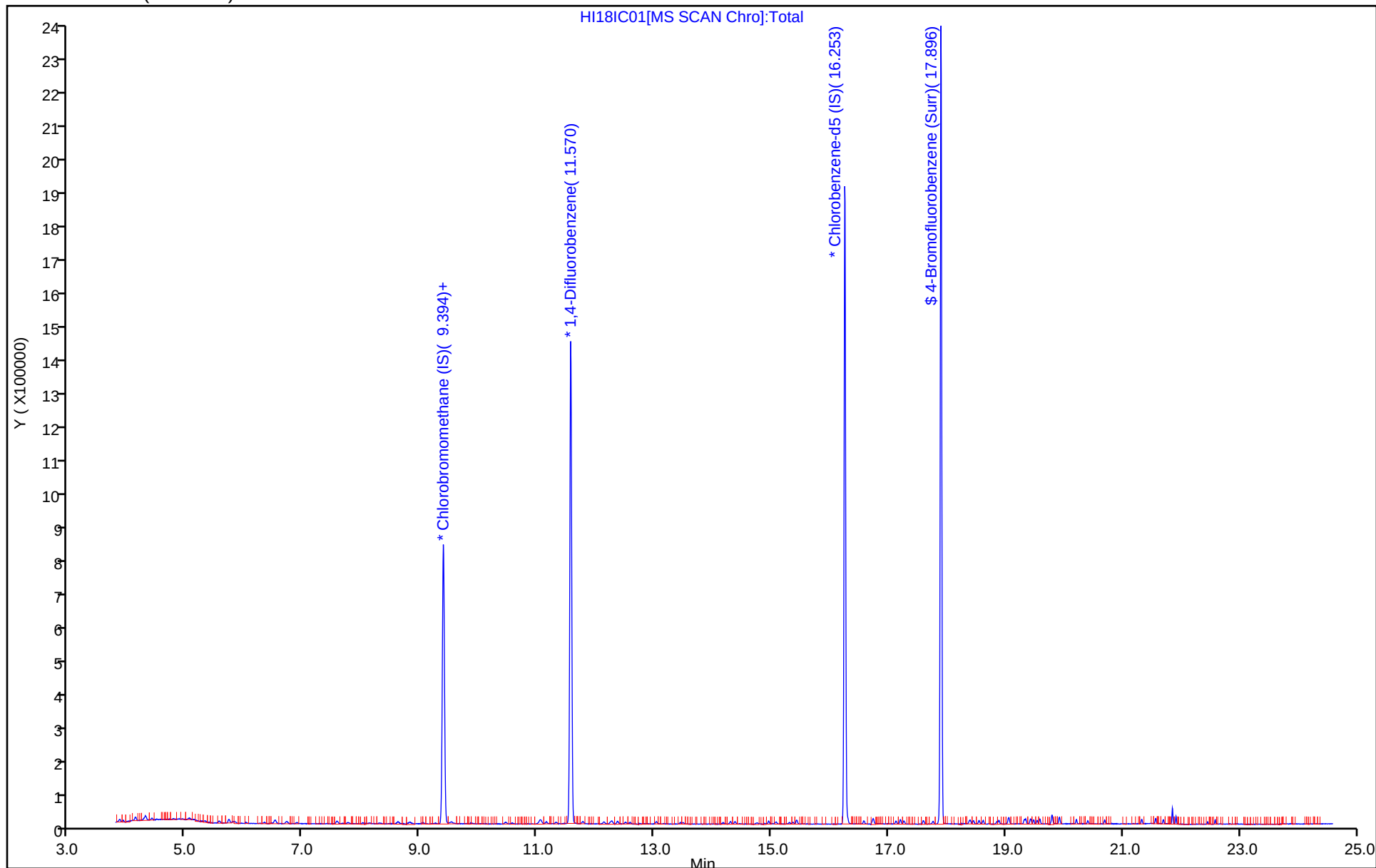
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC01.D

Injection Date: 19-Sep-2020 01:11:30

Instrument ID: MH

Lims ID: IC L1

Client ID:

Operator ID: AFB

ALS Bottle#: 1

Worklist Smp#: 9

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

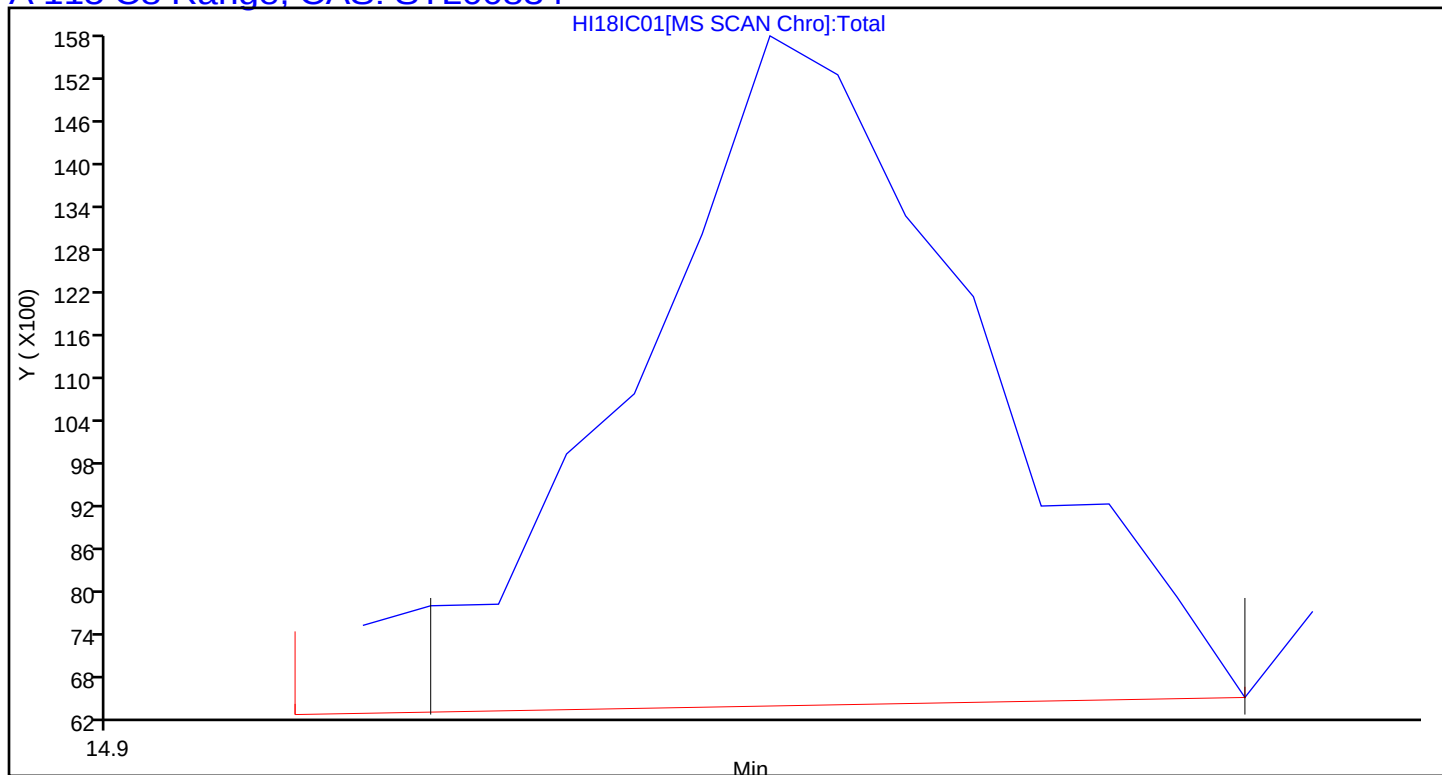
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC02.D
 Lims ID: IC L2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 19-Sep-2020 02:05:30 ALS Bottle#: 1 Worklist Smp#: 10
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-010
 Misc. Info.: 324288
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:06 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 08:09:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	88	301255	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1378061	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	87	1146567	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	804376	4.64	4.45	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	92	6048	0.0400	0.0442	
7 Propene	41	3.864	3.868	-0.004	73	3839	0.0400	0.0674	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	99	10146	0.0400	0.0437	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	86	7154	0.0400	0.0435	
9 Chloromethane	52	4.128	4.136	-0.008	51	1203	0.0400	0.0645	
11 Acetaldehyde	44	4.304	4.303	0.001	96	10663	0.2000	0.4941	
12 Vinyl chloride	62	4.319	4.321	-0.002	96	2918	0.0400	0.0452	
14 Butadiene	54	4.417	4.417	0.000	74	2489	0.0400	0.0573	
13 Butane	43	4.417	4.417	0.000	80	3941	0.0400	0.0508	
15 Bromomethane	94	4.784	4.780	0.004	97	3521	0.0400	0.0506	
16 Chloroethane	64	4.929	4.936	-0.007	86	1598	0.0400	0.0605	
17 Ethanol	31	5.048	5.038	0.010	97	7107	0.2000	0.2688	
18 Vinyl bromide	106	5.275	5.272	0.003	99	3431	0.0400	0.0441	
19 2-Methylbutane	43	5.317	5.320	-0.003	90	3761	0.0400	0.0483	
20 Trichlorofluoromethane	101	5.560	5.566	-0.006	99	9277	0.0400	0.0427	
21 Acrolein	56	5.580	5.581	-0.001	31	1427	0.0400	0.0582	
22 Acetonitrile	40	5.658	5.657	0.001	93	737	0.0400	0.0233	
23 Acetone	58	5.720	5.708	0.012	98	10029	0.1200	0.2909	
24 Pentane	72	5.808	5.804	0.004	93	478	0.0400	0.0493	
25 Isopropyl alcohol	45	5.818	5.801	0.017	96	11209	0.1200	0.1219	
26 Ethyl ether	31	6.020	5.996	0.024	92	3370	0.0400	0.0419	
27 1,1-Dichloroethene	96	6.340	6.338	0.002	99	3058	0.0400	0.0401	
28 Acrylonitrile	53	6.454	6.453	0.001	79	2627	0.0400	0.0489	
29 2-Methyl-2-propanol	59	6.495	6.459	0.036	95	4662	0.0400	0.0427	
30 112TCTFE	101	6.521	6.522	-0.001	94	7423	0.0400	0.0421	
31 Methylene Chloride	84	6.717	6.715	0.002	95	4167	0.0400	0.0582	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.722	6.728	-0.006	70	2576	0.0400	0.0415	
33 Carbon disulfide	76	6.893	6.892	0.001	96	9027	0.0400	0.0422	
34 trans-1,2-Dichloroethene	96	7.575	7.573	0.002	97	3127	0.0400	0.0396	
35 2-Methylpentane	43	7.580	7.582	-0.002	92	6100	0.0400	0.0406	
36 Methyl tert-butyl ether	73	7.756	7.712	0.044	94	6385	0.0400	0.0385	
37 1,1-Dichloroethane	63	8.020	8.021	-0.001	98	6151	0.0400	0.0434	
38 Vinyl acetate	43	8.128	8.123	0.005	100	5464	0.0400	0.0334	
40 Hexane	56	8.604	8.610	-0.006	80	2492	0.0400	0.0462	
39 2-Butanone (MEK)	72	8.624	8.600	0.024	94	1851	0.0400	0.0541	
41 Isopropyl ether	45	8.805	8.781	0.024	94	8888	0.0400	0.0380	
42 cis-1,2-Dichloroethene	96	9.048	9.050	-0.002	91	3393	0.0400	0.0406	
43 Ethyl acetate	43	9.239	9.228	0.011	98	6427	0.0400	0.0392	
44 Chloroform	83	9.394	9.404	-0.010	28	8212	0.0400	0.0439	
45 Tert-butyl ethyl ether	59	9.519	9.489	0.029	97	7856	0.0400	0.0384	
46 Tetrahydrofuran	42	9.870	9.829	0.041	89	3576	0.0400	0.0456	
47 1,1,1-Trichloroethane	97	10.454	10.461	-0.007	96	7289	0.0400	0.0411	
48 1,2-Dichloroethane	62	10.563	10.571	-0.008	96	4956	0.0400	0.0430	
49 n-Butanol	31	11.017	10.980	0.037	59	1044	0.0400	0.0358	
51 Benzene	78	11.048	11.051	-0.003	98	9902	0.0400	0.0433	
50 Cyclohexane	69	11.054	11.047	0.007	59	1336	0.0400	0.0403	
52 Carbon tetrachloride	117	11.064	11.071	-0.007	96	7066	0.0400	0.0392	
53 2,3-Dimethylpentane	71	11.157	11.152	0.005	86	1625	0.0400	0.0345	
54 Thiophene	84	11.322	11.322	0.000	95	5380	0.0400	0.0395	
55 Isooctane	57	11.777	11.779	-0.002	98	13733	0.0400	0.0391	
56 n-Heptane	71	12.134	12.140	-0.006	90	2369	0.0400	0.0345	
57 1,2-Dichloropropane	63	12.247	12.251	-0.004	90	4167	0.0400	0.0426	
58 Trichloroethene	130	12.278	12.279	-0.001	95	4367	0.0400	0.0372	
59 Dibromomethane	93	12.366	12.375	-0.009	92	5152	0.0400	0.0436	
60 Dichlorobromomethane	83	12.506	12.510	-0.004	99	7144	0.0400	0.0378	
61 1,4-Dioxane	88	12.542	12.522	0.020	72	1524	0.0400	0.0426	
62 Methyl methacrylate	41	12.589	12.579	0.010	91	3467	0.0400	0.0359	
63 Methylcyclohexane	83	13.033	13.037	-0.004	95	4510	0.0400	0.0319	
64 4-Methyl-2-pentanone (MIBK)	43	13.441	13.424	0.017	96	6947	0.0400	0.0387	
65 cis-1,3-Dichloropropene	75	13.488	13.491	-0.003	94	4713	0.0400	0.0363	
66 trans-1,3-Dichloropropene	75	14.170	14.174	-0.004	95	3704	0.0400	0.0334	
67 Toluene	91	14.304	14.302	0.002	91	10313	0.0400	0.0389	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	97	3944	0.0400	0.0407	
69 2-Hexanone	58	14.754	14.740	0.014	90	2407	0.0400	0.0299	
70 n-Octane	85	14.950	14.955	-0.005	92	2025	0.0400	0.0275	
71 Chlorodibromomethane	129	15.080	15.080	0.000	97	6637	0.0400	0.0348	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	99	6517	0.0400	0.0366	
73 Tetrachloroethene	129	15.431	15.433	-0.002	96	4652	0.0400	0.0396	
75 2,3-Dimethylheptane	43	16.294	16.292	0.002	90	11469	0.0400	0.0444	
74 Chlorobenzene	112	16.305	16.305	0.000	92	9860	0.0400	0.0416	
76 Ethylbenzene	91	16.584	16.582	0.002	98	12293	0.0400	0.0359	
77 m-Xylene & p-Xylene	91	16.734	16.739	-0.005	98	18426	0.0800	0.0687	
78 n-Nonane	57	17.132	17.130	0.002	87	4497	0.0400	0.0302	
79 Bromoform	173	17.199	17.204	-0.005	94	6801	0.0400	0.0302	
80 Styrene	104	17.209	17.205	0.004	89	5630	0.0400	0.0305	
81 o-Xylene	91	17.266	17.267	-0.001	97	10092	0.0400	0.0351	
82 1,1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	98	9437	0.0400	0.0381	
83 1,2,3-Trichloropropane	110	17.767	17.762	0.005	96	2280	0.0400	0.0378	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.855	17.860	-0.005	92	12861	0.0400	0.0342	
85 N-Propylbenzene	120	18.393	18.398	-0.005	98	3241	0.0400	0.0299	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	97	4079	0.0400	0.0375	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	12020	0.0400	0.0321	
88 1,3,5-Trimethylbenzene	120	18.620	18.618	0.002	94	5232	0.0400	0.0656	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	88	3971	0.0400	0.0272	
90 n-Decane	57	18.889	18.889	0.000	92	6292	0.0400	0.0296	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	90	11668	0.0400	0.0319	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	94	10537	0.0400	0.0317	
93 sec-Butylbenzene	105	19.323	19.320	0.003	98	14430	0.0400	0.0310	
94 1,3-Dichlorobenzene	146	19.349	19.345	0.004	97	10185	0.0400	0.0386	
95 Benzyl chloride	91	19.416	19.418	-0.002	98	6190	0.0400	0.0240	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	9753	0.0400	0.0384	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	96	12399	0.0400	0.0299	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	97	10525	0.0400	0.0315	
99 Butylcyclohexane	83	19.586	19.588	-0.002	93	9011	0.0400	0.0330	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	90	10150	0.0400	0.0322	
100 1,2-Dichlorobenzene	146	19.793	19.798	-0.005	94	10138	0.0400	0.0382	
103 n-Butylbenzene	91	19.917	19.917	0.000	95	12480	0.0400	0.0305	
102 Indene	116	19.928	19.926	0.002	87	7748	0.0400	0.0284	
104 Undecane	57	20.207	20.211	-0.004	92	6956	0.0400	0.0258	
105 1,2-Dibromo-3-Chloropropane	157	20.403	20.408	-0.005	94	4255	0.0400	0.0307	
106 1,2,4,5-Tetramethylbenzene	119	20.693	20.695	-0.002	97	10800	0.0400	0.0267	
107 Dodecane	57	21.328	21.326	0.002	89	6763	0.0400	0.0250	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	8152	0.0400	0.0341	
109 Naphthalene	128	21.695	21.696	-0.001	99	12899	0.0400	0.0315	
110 Hexachlorobutadiene	225	21.850	21.853	-0.003	91	15321	0.0400	0.0502	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	94	9329	0.0400	0.0420	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	96	2602	0.0400	0.0190	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	99	5446	0.0400	0.0294	
A 115 C8 Range	1	14.956	(14.919-14.992)		0	25909	0.0400	0.0339	
S 116 Xylenes, Total	100				0		0.1200	0.1038	
S 117 1,2-Dichloroethene, Total	1				0		0.0800	0.0802	

QC Flag Legend

Processing Flags

Reagents:

40L1-3DQP_00032

Amount Added: 100.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:07

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC02.D

Injection Date: 19-Sep-2020 02:05:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L2

Worklist Smp#: 10

Client ID:

Purge Vol: 500.000 mL

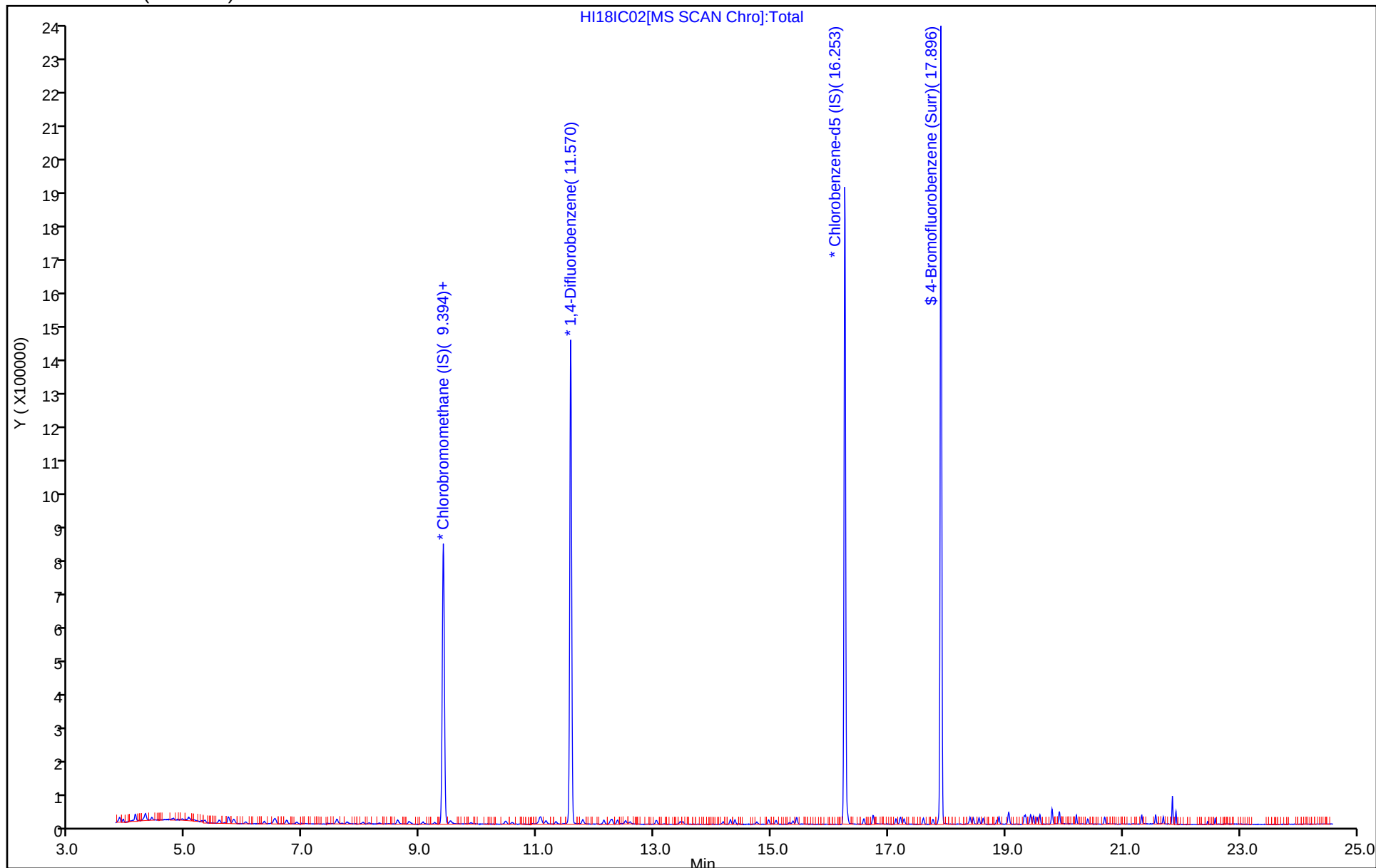
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC02.D

Injection Date: 19-Sep-2020 02:05:30

Instrument ID: MH

Lims ID: IC L2

Client ID:

Operator ID: AFB

ALS Bottle#: 1

Worklist Smp#: 10

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

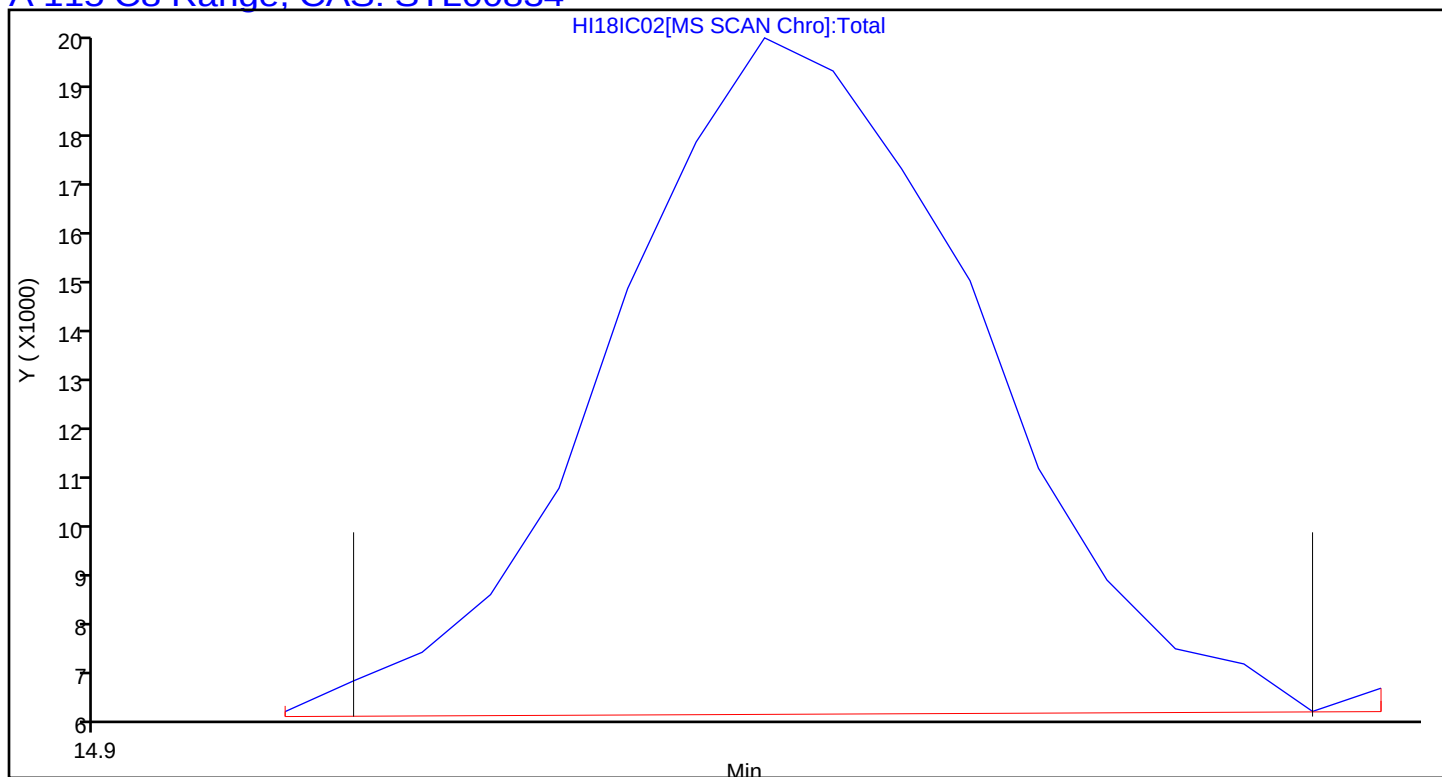
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC03.D
 Lims ID: IC L3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 19-Sep-2020 03:00:30 ALS Bottle#: 1 Worklist Smp#: 11
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-011
 Misc. Info.: 324288
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:29 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	96	288407	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1321743	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	87	1096768	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	778202	4.64	4.50	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	97	11412	0.0800	0.0872	
7 Propene	41	3.864	3.868	-0.004	99	5661	0.0800	0.1037	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	100	19173	0.0800	0.0862	
9 Chloromethane	52	4.128	4.136	-0.008	51	1356	0.0800	0.0760	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	88	13243	0.0800	0.0842	
11 Acetaldehyde	44	4.304	4.303	0.001	94	19576	0.4000	0.9474	
12 Vinyl chloride	62	4.324	4.321	0.003	98	5313	0.0800	0.0860	
13 Butane	43	4.417	4.417	0.000	85	6553	0.0800	0.0883	
14 Butadiene	54	4.422	4.417	0.005	71	4027	0.0800	0.0969	
15 Bromomethane	94	4.779	4.780	-0.001	97	5812	0.0800	0.0873	
16 Chloroethane	64	4.939	4.936	0.003	96	2521	0.0800	0.0998	
17 Ethanol	31	5.037	5.038	-0.001	99	11936	0.4000	0.4716	
18 Vinyl bromide	106	5.270	5.272	-0.002	98	6169	0.0800	0.0828	
19 2-Methylbutane	43	5.317	5.320	-0.003	92	6359	0.0800	0.0852	
20 Trichlorofluoromethane	101	5.565	5.566	-0.001	98	16999	0.0800	0.0817	
21 Acrolein	56	5.580	5.581	-0.001	90	2688	0.0800	0.1144	
22 Acetonitrile	40	5.663	5.657	0.006	99	2962	0.0800	0.0978	
23 Acetone	58	5.715	5.708	0.006	99	17964	0.2400	0.5442	
25 Isopropyl alcohol	45	5.813	5.801	0.012	91	21414	0.2400	0.2433	
24 Pentane	72	5.808	5.804	0.004	76	690	0.0800	0.0743	
26 Ethyl ether	31	6.009	5.996	0.013	92	6470	0.0800	0.0841	
27 1,1-Dichloroethene	96	6.330	6.338	-0.008	99	5917	0.0800	0.0811	
28 Acrylonitrile	53	6.454	6.453	0.001	98	4539	0.0800	0.0882	
29 2-Methyl-2-propanol	59	6.485	6.459	0.026	94	8147	0.0800	0.0780	
30 112TCTFE	101	6.526	6.522	0.004	97	14252	0.0800	0.0844	
31 Methylene Chloride	84	6.707	6.715	-0.008	90	6457	0.0800	0.0942	
32 3-Chloro-1-propene	39	6.722	6.728	-0.006	92	4738	0.0800	0.0797	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.893	6.892	0.001	100	16884	0.0800	0.0825	
34 trans-1,2-Dichloroethene	96	7.570	7.573	-0.003	97	6008	0.0800	0.0795	
35 2-Methylpentane	43	7.575	7.582	-0.007	95	11255	0.0800	0.0782	
36 Methyl tert-butyl ether	73	7.735	7.712	0.023	94	11764	0.0800	0.0741	
37 1,1-Dichloroethane	63	8.014	8.021	-0.007	99	11070	0.0800	0.0816	
38 Vinyl acetate	43	8.128	8.123	0.005	99	10720	0.0800	0.0685	
39 2-Butanone (MEK)	72	8.614	8.600	0.014	90	3551	0.0800	0.1085	
40 Hexane	56	8.609	8.610	-0.001	66	4268	0.0800	0.0827	
41 Isopropyl ether	45	8.800	8.781	0.019	95	16788	0.0800	0.0749	
42 cis-1,2-Dichloroethene	96	9.048	9.050	-0.002	94	6393	0.0800	0.0799	
43 Ethyl acetate	43	9.239	9.228	0.011	99	11944	0.0800	0.0761	
44 Chloroform	83	9.400	9.404	-0.004	41	14775	0.0800	0.0825	
45 Tert-butyl ethyl ether	59	9.503	9.489	0.014	97	14546	0.0800	0.0743	
46 Tetrahydrofuran	42	9.860	9.829	0.031	91	6534	0.0800	0.0871	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	96	13057	0.0800	0.0769	
48 1,2-Dichloroethane	62	10.568	10.571	-0.003	96	8693	0.0800	0.0786	
49 n-Butanol	31	11.007	10.987	0.020	80	4291	0.0800	0.1534	
50 Cyclohexane	69	11.038	11.047	-0.009	68	2279	0.0800	0.0717	
51 Benzene	78	11.048	11.051	-0.003	97	18013	0.0800	0.0820	
52 Carbon tetrachloride	117	11.074	11.071	0.003	96	12965	0.0800	0.0749	
53 2,3-Dimethylpentane	71	11.157	11.152	0.005	90	3349	0.0800	0.0742	
54 Thiophene	84	11.317	11.322	-0.005	95	10161	0.0800	0.0777	
55 Isooctane	57	11.777	11.779	-0.002	97	25076	0.0800	0.0744	
56 n-Heptane	71	12.139	12.140	-0.001	89	4540	0.0800	0.0690	
57 1,2-Dichloropropane	63	12.247	12.251	-0.004	90	7177	0.0800	0.0765	
58 Trichloroethene	130	12.284	12.279	0.005	96	8570	0.0800	0.0762	
59 Dibromomethane	93	12.377	12.375	0.002	93	9060	0.0800	0.0800	
60 Dichlorobromomethane	83	12.506	12.510	-0.004	99	13200	0.0800	0.0729	
61 1,4-Dioxane	88	12.537	12.522	0.015	93	2607	0.0800	0.0760	
62 Methyl methacrylate	41	12.583	12.579	0.004	93	6631	0.0800	0.0716	
63 Methylcyclohexane	83	13.038	13.037	0.001	94	8468	0.0800	0.0625	
64 4-Methyl-2-pentanone (MIBK)	43	13.436	13.424	0.012	97	12317	0.0800	0.0715	
65 cis-1,3-Dichloropropene	75	13.493	13.491	0.002	94	8382	0.0800	0.0674	
66 trans-1,3-Dichloropropene	75	14.170	14.174	-0.004	98	7164	0.0800	0.0676	
67 Toluene	91	14.299	14.302	-0.003	92	19296	0.0800	0.0762	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	97	7416	0.0800	0.0800	
69 2-Hexanone	58	14.749	14.740	0.009	90	4590	0.0800	0.0596	
70 n-Octane	85	14.950	14.955	-0.005	91	4479	0.0800	0.0636	
71 Chlorodibromomethane	129	15.080	15.080	0.000	98	12723	0.0800	0.0696	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	99	12602	0.0800	0.0741	
73 Tetrachloroethene	129	15.431	15.433	-0.002	97	8695	0.0800	0.0774	
75 2,3-Dimethylheptane	43	16.289	16.292	-0.003	91	20883	0.0800	0.0845	
74 Chlorobenzene	112	16.305	16.305	-0.001	95	18131	0.0800	0.0799	
76 Ethylbenzene	91	16.584	16.582	0.002	99	22930	0.0800	0.0699	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	36042	0.1600	0.1405	
78 n-Nonane	57	17.131	17.130	0.001	92	8765	0.0800	0.0615	
79 Bromoform	173	17.204	17.204	0.000	94	12925	0.0800	0.0600	
80 Styrene	104	17.204	17.205	-0.001	94	11322	0.0800	0.0642	
81 o-Xylene	91	17.266	17.267	-0.001	98	19817	0.0800	0.0720	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	98	17574	0.0800	0.0742	
83 1,2,3-Trichloropropane	110	17.757	17.762	-0.005	98	4324	0.0800	0.0749	
84 Isopropylbenzene	105	17.860	17.860	0.000	90	24288	0.0800	0.0676	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.398	18.398	0.000	99	6446	0.0800	0.0622	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	97	7482	0.0800	0.0719	
87 4-Ethyltoluene	105	18.548	18.548	0.000	99	23946	0.0800	0.0668	
88 1,3,5-Trimethylbenzene	120	18.615	18.618	-0.003	93	10880	0.0800	0.0976	
89 Alpha Methyl Styrene	118	18.853	18.853	-0.001	86	8247	0.0800	0.0591	
90 n-Decane	57	18.889	18.889	0.000	93	13911	0.0800	0.0685	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	92	24520	0.0800	0.0701	
92 1,2,4-Trimethylbenzene	105	19.064	19.062	0.002	96	22047	0.0800	0.0693	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	98	29531	0.0800	0.0664	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	96	18612	0.0800	0.0738	
95 Benzyl chloride	91	19.416	19.418	-0.002	97	12076	0.0800	0.0490	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	17912	0.0800	0.0737	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	97	25983	0.0800	0.0656	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	22968	0.0800	0.0718	
99 Butylcyclohexane	83	19.586	19.588	-0.002	93	18869	0.0800	0.0721	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	93	20467	0.0800	0.0679	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	95	19103	0.0800	0.0753	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	27489	0.0800	0.0703	
102 Indene	116	19.928	19.926	0.002	91	16944	0.0800	0.0649	
104 Undecane	57	20.212	20.211	0.001	93	15100	0.0800	0.0586	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	94	8248	0.0800	0.0623	
106 1,2,4,5-Tetramethylbenzene	119	20.692	20.695	-0.003	97	22236	0.0800	0.0574	
107 Dodecane	57	21.328	21.326	0.002	91	16451	0.0800	0.0635	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	94	16963	0.0800	0.0741	
109 Naphthalene	128	21.695	21.696	-0.001	99	27659	0.0800	0.0707	
110 Hexachlorobutadiene	225	21.855	21.853	0.002	91	28287	0.0800	0.0970	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	96	18079	0.0800	0.0852	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	99	4395	0.0800	0.0336	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	99	10461	0.0800	0.0590	
A 115 C8 Range	1	14.950	(14.919-14.992)		0	51470	0.0800	0.0702	
S 116 Xylenes, Total	100				0		0.2400	0.2125	
S 117 1,2-Dichloroethene, Total	1				0		0.1600	0.1593	

Reagents:

40L1-3DQP_00032

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:30

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC03.D

Injection Date: 19-Sep-2020 03:00:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L3

Worklist Smp#: 11

Client ID:

Purge Vol: 500.000 mL

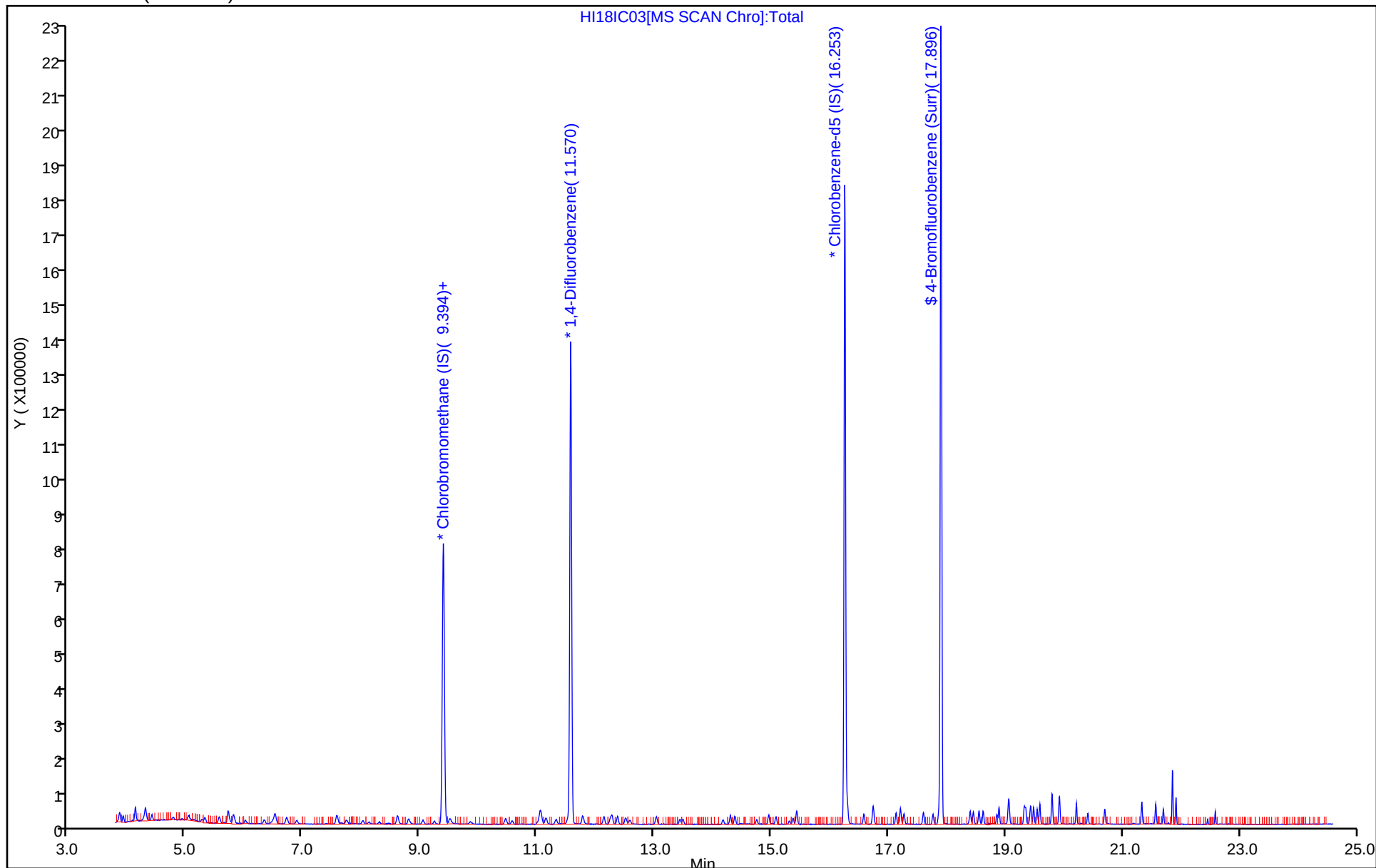
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC03.D

Injection Date: 19-Sep-2020 03:00:30

Instrument ID: MH

Lims ID: IC L3

Client ID:

Operator ID: AFB

ALS Bottle#: 1

Worklist Smp#: 11

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

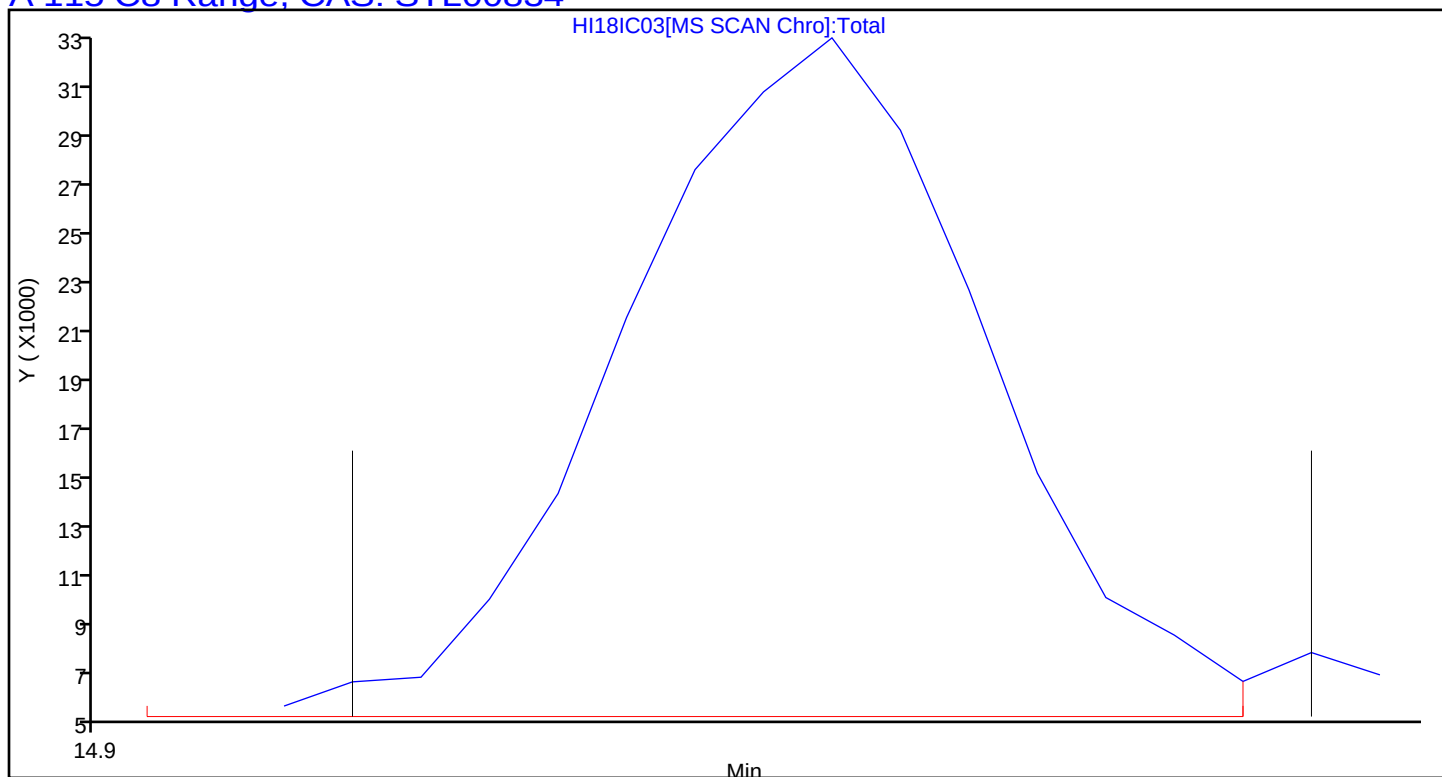
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC04.D
 Lims ID: IC L4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 19-Sep-2020 03:55:30 ALS Bottle#: 2 Worklist Smp#: 12
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-012
 Misc. Info.: 324287
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:12 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	88	284436	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1304460	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	87	1085794	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	767143	4.64	4.48	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	98	20952	0.1600	0.1623	
7 Propene	41	3.869	3.868	0.001	97	9618	0.1600	0.1787	
8 Dichlorodifluoromethane	85	3.921	3.925	-0.004	100	34888	0.1600	0.1590	
9 Chloromethane	52	4.128	4.136	-0.008	52	3271	0.1600	0.1858	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	89	25826	0.1600	0.1664	
11 Acetaldehyde	44	4.304	4.303	0.001	94	26606	0.8000	1.31	
12 Vinyl chloride	62	4.319	4.321	-0.002	99	10279	0.1600	0.1687	
13 Butane	43	4.417	4.417	0.000	83	13010	0.1600	0.1778	
14 Butadiene	54	4.417	4.417	0.000	73	7279	0.1600	0.1776	
15 Bromomethane	94	4.779	4.780	-0.001	97	11258	0.1600	0.1714	
16 Chloroethane	64	4.934	4.936	-0.002	85	4357	0.1600	0.1748	
17 Ethanol	31	5.038	5.038	0.000	98	20874	0.8000	0.8362	
18 Vinyl bromide	106	5.265	5.272	-0.007	97	11622	0.1600	0.1582	
19 2-Methylbutane	43	5.317	5.320	-0.003	91	12031	0.1600	0.1635	
20 Trichlorofluoromethane	101	5.565	5.566	-0.001	100	31850	0.1600	0.1551	
21 Acrolein	56	5.580	5.581	-0.001	96	4292	0.1600	0.1853	
22 Acetonitrile	40	5.658	5.657	0.001	99	4345	0.1600	0.1454	
23 Acetone	58	5.715	5.708	0.007	98	21182	0.4800	0.6507	
24 Pentane	72	5.802	5.804	-0.002	96	1568	0.1600	0.1711	
25 Isopropyl alcohol	45	5.813	5.801	0.012	95	37755	0.4800	0.4350	
26 Ethyl ether	31	6.004	5.996	0.008	91	11436	0.1600	0.1507	
27 1,1-Dichloroethene	96	6.335	6.338	-0.003	99	11303	0.1600	0.1571	
28 Acrylonitrile	53	6.449	6.453	-0.005	98	8290	0.1600	0.1634	
29 2-Methyl-2-propanol	59	6.480	6.459	0.021	95	15345	0.1600	0.1489	
30 112TCTFE	101	6.521	6.522	-0.001	97	26256	0.1600	0.1577	
31 Methylene Chloride	84	6.707	6.715	-0.008	94	11739	0.1600	0.1737	
32 3-Chloro-1-propene	39	6.728	6.728	0.000	98	9424	0.1600	0.1607	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.893	6.892	0.001	99	30685	0.1600	0.1520	
34 trans-1,2-Dichloroethene	96	7.570	7.573	-0.003	98	11284	0.1600	0.1513	
35 2-Methylpentane	43	7.580	7.582	-0.002	94	21043	0.1600	0.1482	
36 Methyl tert-butyl ether	73	7.720	7.712	0.008	95	23238	0.1600	0.1484	
37 1,1-Dichloroethane	63	8.025	8.021	0.004	100	20866	0.1600	0.1560	
38 Vinyl acetate	43	8.123	8.123	0.000	99	20670	0.1600	0.1339	
40 Hexane	56	8.614	8.610	0.004	66	8022	0.1600	0.1577	
39 2-Butanone (MEK)	72	8.604	8.600	0.004	87	5409	0.1600	0.1676	
41 Isopropyl ether	45	8.790	8.781	0.009	95	32334	0.1600	0.1463	
42 cis-1,2-Dichloroethene	96	9.048	9.050	-0.002	94	11936	0.1600	0.1512	
43 Ethyl acetate	43	9.234	9.228	0.006	98	23040	0.1600	0.1488	
44 Chloroform	83	9.400	9.404	-0.004	31	27150	0.1600	0.1537	
45 Tert-butyl ethyl ether	59	9.503	9.489	0.014	97	27299	0.1600	0.1415	
46 Tetrahydrofuran	42	9.839	9.829	0.010	92	11743	0.1600	0.1587	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	97	24595	0.1600	0.1469	
48 1,2-Dichloroethane	62	10.568	10.571	-0.003	97	16576	0.1600	0.1518	
49 n-Butanol	31	11.002	10.985	0.017	90	4465	0.1600	0.1618	
51 Benzene	78	11.048	11.051	-0.003	97	33127	0.1600	0.1529	
50 Cyclohexane	69	11.043	11.047	-0.004	62	4779	0.1600	0.1524	
52 Carbon tetrachloride	117	11.069	11.071	-0.002	95	24605	0.1600	0.1441	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	92	6506	0.1600	0.1460	
54 Thiophene	84	11.317	11.322	-0.005	94	19598	0.1600	0.1519	
55 Isooctane	57	11.782	11.779	0.003	98	48844	0.1600	0.1468	
56 n-Heptane	71	12.139	12.140	-0.001	90	8928	0.1600	0.1375	
57 1,2-Dichloropropane	63	12.253	12.251	0.002	91	14023	0.1600	0.1514	
58 Trichloroethene	130	12.273	12.279	-0.006	96	16563	0.1600	0.1492	
59 Dibromomethane	93	12.371	12.375	-0.004	94	16924	0.1600	0.1514	
60 Dichlorobromomethane	83	12.506	12.510	-0.004	97	25179	0.1600	0.1409	
61 1,4-Dioxane	88	12.537	12.522	0.015	81	4693	0.1600	0.1386	
62 Methyl methacrylate	41	12.583	12.579	0.004	94	12011	0.1600	0.1314	
63 Methylcyclohexane	83	13.038	13.037	0.001	96	16343	0.1600	0.1223	
64 4-Methyl-2-pentanone (MIBK)	43	13.426	13.424	0.002	97	22529	0.1600	0.1326	
65 cis-1,3-Dichloropropene	75	13.488	13.491	-0.003	94	16495	0.1600	0.1343	
66 trans-1,3-Dichloropropene	75	14.170	14.174	-0.004	99	13999	0.1600	0.1334	
67 Toluene	91	14.299	14.302	-0.003	92	36632	0.1600	0.1461	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	97	14084	0.1600	0.1534	
69 2-Hexanone	58	14.744	14.740	0.004	91	9131	0.1600	0.1199	
70 n-Octane	85	14.956	14.955	0.001	92	8923	0.1600	0.1280	
71 Chlorodibromomethane	129	15.075	15.080	-0.005	97	24521	0.1600	0.1356	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	98	24331	0.1600	0.1444	
73 Tetrachloroethene	129	15.431	15.433	-0.002	95	16248	0.1600	0.1461	
75 2,3-Dimethylheptane	43	16.289	16.292	-0.003	94	38092	0.1600	0.1557	
74 Chlorobenzene	112	16.305	16.305	0.000	96	35329	0.1600	0.1573	
76 Ethylbenzene	91	16.579	16.582	-0.003	99	45368	0.1600	0.1397	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	72897	0.3200	0.2871	
78 n-Nonane	57	17.132	17.130	0.002	92	18663	0.1600	0.1322	
79 Bromoform	173	17.204	17.204	0.000	94	24506	0.1600	0.1149	
80 Styrene	104	17.204	17.205	-0.001	99	23474	0.1600	0.1344	
81 o-Xylene	91	17.266	17.267	-0.001	99	39783	0.1600	0.1460	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	34095	0.1600	0.1454	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	98	8270	0.1600	0.1447	
84 Isopropylbenzene	105	17.860	17.860	0.000	96	48299	0.1600	0.1357	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.398	18.398	0.000	99	12971	0.1600	0.1264	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	98	14466	0.1600	0.1405	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	46319	0.1600	0.1305	
88 1,3,5-Trimethylbenzene	120	18.620	18.618	0.002	95	22100	0.1600	0.1600	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	86	16153	0.1600	0.1168	
90 n-Decane	57	18.889	18.889	0.000	91	29942	0.1600	0.1489	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	93	49345	0.1600	0.1425	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	95	44313	0.1600	0.1407	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	98	60747	0.1600	0.1379	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	97	34081	0.1600	0.1365	
95 Benzyl chloride	91	19.416	19.418	-0.002	98	22814	0.1600	0.0934	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	32553	0.1600	0.1354	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	97	54326	0.1600	0.1385	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	44928	0.1600	0.1419	
99 Butylcyclohexane	83	19.587	19.588	-0.002	94	37529	0.1600	0.1449	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	93	40225	0.1600	0.1348	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	96	35952	0.1600	0.1431	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	54872	0.1600	0.1418	
102 Indene	116	19.928	19.926	0.002	89	35096	0.1600	0.1358	
104 Undecane	57	20.212	20.211	0.001	94	32860	0.1600	0.1287	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	95	15780	0.1600	0.1204	
106 1,2,4,5-Tetramethylbenzene	119	20.698	20.695	0.003	97	46737	0.1600	0.1219	
107 Dodecane	57	21.328	21.326	0.002	93	32338	0.1600	0.1261	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	29301	0.1600	0.1293	
109 Naphthalene	128	21.695	21.696	-0.001	99	52271	0.1600	0.1350	
110 Hexachlorobutadiene	225	21.855	21.853	0.002	89	49834	0.1600	0.1725	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	96	32207	0.1600	0.1532	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	100	7738	0.1600	0.0597	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	99	20023	0.1600	0.1141	
A 115 C8 Range	1	14.956	(14.914-14.997)		0	97991	0.1600	0.1355	
S 116 Xylenes, Total	100				0		0.4800	0.4330	
S 117 1,2-Dichloroethene, Total	1				0		0.3200	0.3025	

Reagents:

40L4DQP_00021

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:13

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC04.D

Injection Date: 19-Sep-2020 03:55:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L4

Worklist Smp#: 12

Client ID:

Purge Vol: 500.000 mL

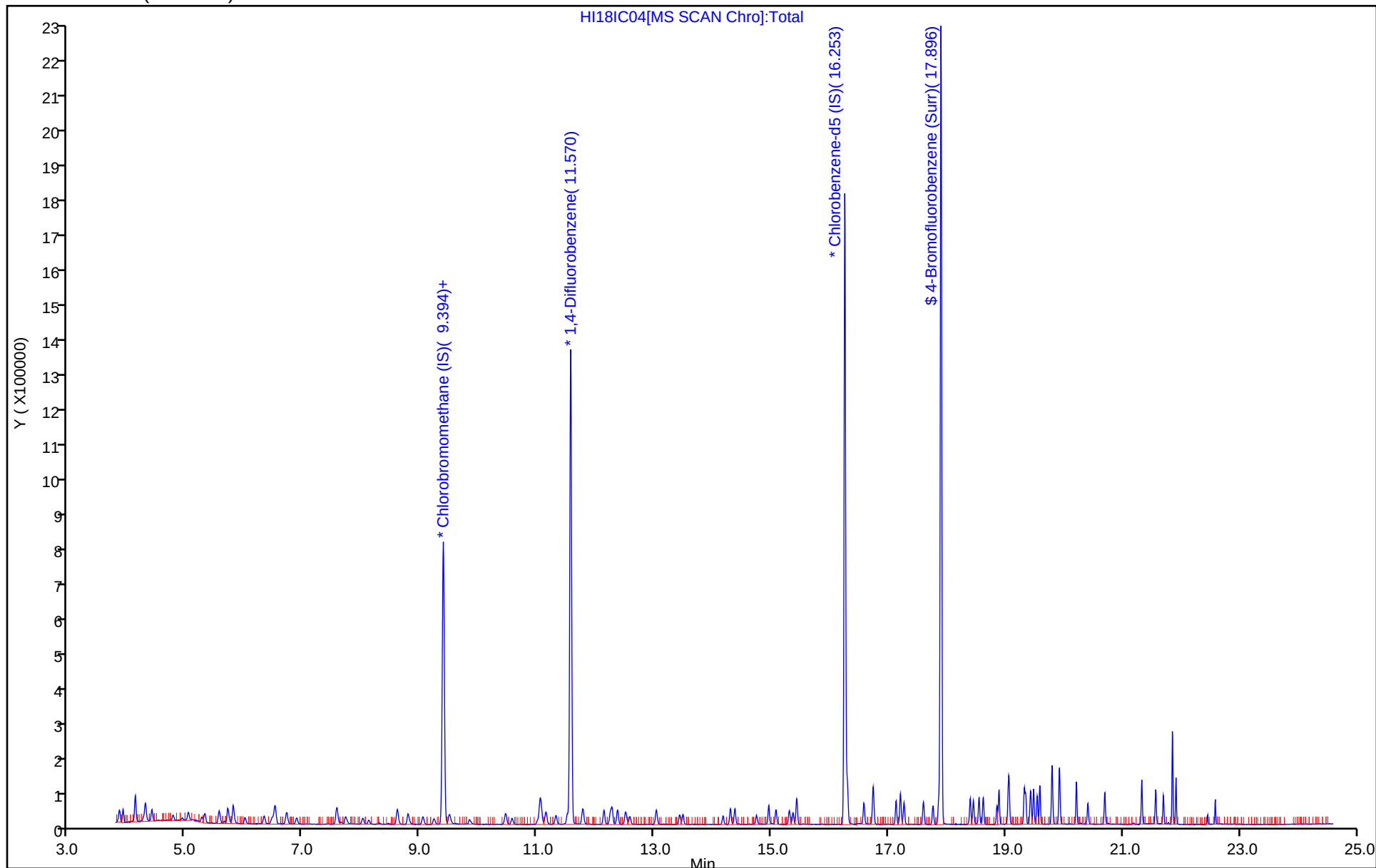
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC04.D

Injection Date: 19-Sep-2020 03:55:30

Instrument ID: MH

Lims ID: IC L4

Client ID:

Operator ID: AFB

ALS Bottle#: 2

Worklist Smp#: 12

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

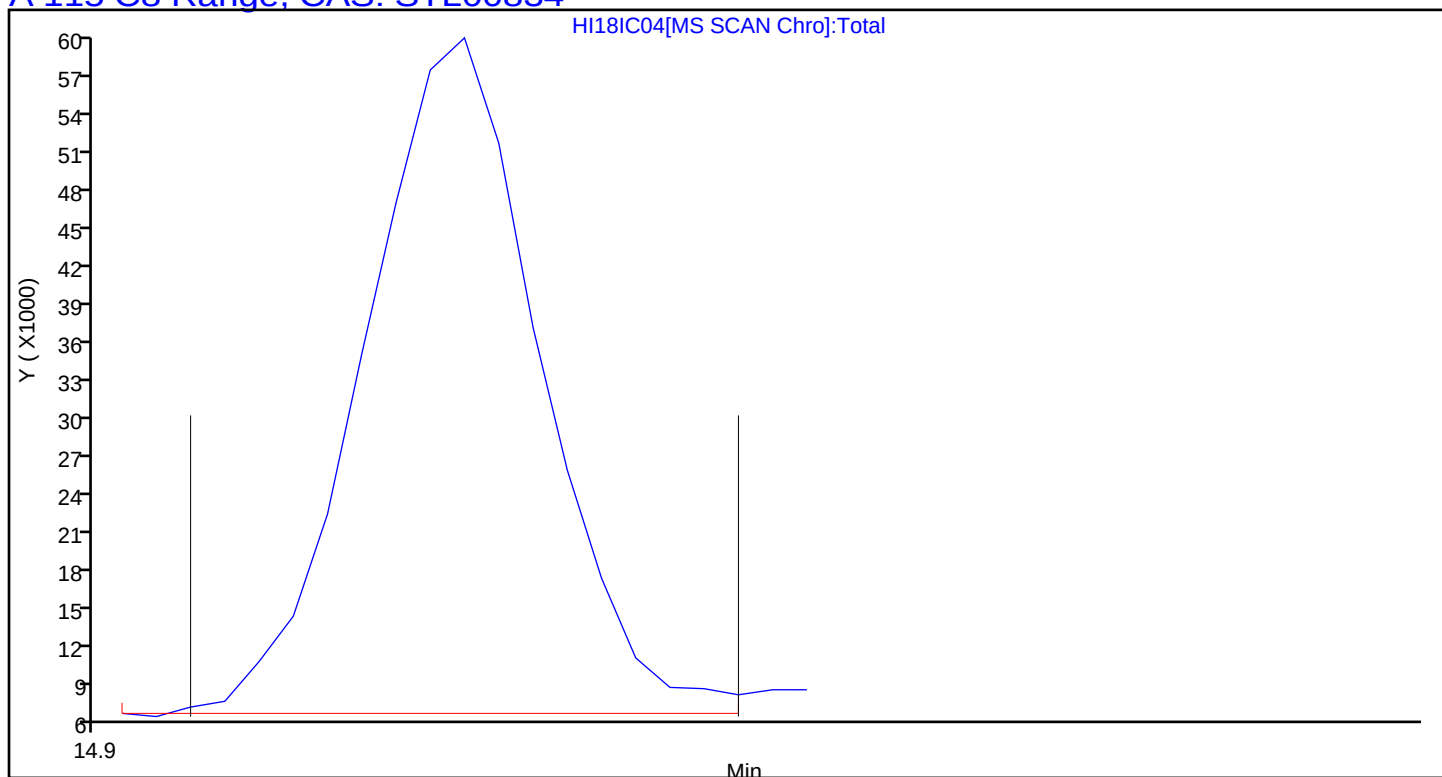
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC05.D
 Lims ID: IC L5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 19-Sep-2020 04:49:30 ALS Bottle#: 3 Worklist Smp#: 13
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-013
 Misc. Info.: 324286
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:20 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	88	278534	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1280482	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	86	1078238	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	783737	4.64	4.61	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	97	51439	0.4000	0.4070	
7 Propene	41	3.864	3.868	-0.004	97	22995	0.4000	0.4364	
8 Dichlorodifluoromethane	85	3.921	3.925	-0.004	100	88582	0.4000	0.4124	
9 Chloromethane	52	4.123	4.136	-0.013	53	7819	0.4000	0.4537	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	88	63478	0.4000	0.4177	
11 Acetaldehyde	44	4.298	4.303	-0.005	94	46451	2.00	2.33	
12 Vinyl chloride	62	4.319	4.321	-0.002	99	23640	0.4000	0.3961	
13 Butane	43	4.412	4.417	-0.005	82	29173	0.4000	0.4071	
14 Butadiene	54	4.412	4.417	-0.005	73	16331	0.4000	0.4070	
15 Bromomethane	94	4.774	4.780	-0.006	98	27600	0.4000	0.4291	
16 Chloroethane	64	4.934	4.936	-0.002	88	10077	0.4000	0.4129	
17 Ethanol	31	5.027	5.038	-0.011	98	51061	2.00	2.09	
18 Vinyl bromide	106	5.270	5.272	-0.002	97	29441	0.4000	0.4093	
19 2-Methylbutane	43	5.317	5.320	-0.003	94	30389	0.4000	0.4217	
20 Trichlorofluoromethane	101	5.560	5.566	-0.006	99	80267	0.4000	0.3992	
21 Acrolein	56	5.585	5.581	0.004	95	9467	0.4000	0.4173	
22 Acetonitrile	40	5.653	5.657	-0.004	98	13270	0.4000	0.4536	
23 Acetone	58	5.704	5.708	-0.004	99	41286	1.20	1.30	
24 Pentane	72	5.802	5.804	-0.002	98	3692	0.4000	0.4115	
25 Isopropyl alcohol	45	5.792	5.801	-0.009	93	97405	1.20	1.15	
26 Ethyl ether	31	5.989	5.996	-0.008	92	31053	0.4000	0.4179	
27 1,1-Dichloroethene	96	6.335	6.338	-0.003	98	28123	0.4000	0.3992	
28 Acrylonitrile	53	6.448	6.453	-0.005	68	20152	0.4000	0.4056	
29 2-Methyl-2-propanol	59	6.454	6.459	-0.005	93	39987	0.4000	0.3962	
30 112TCTFE	101	6.516	6.522	-0.006	96	65646	0.4000	0.4025	
31 Methylene Chloride	84	6.712	6.715	-0.003	95	27842	0.4000	0.4207	
32 3-Chloro-1-propene	39	6.728	6.728	0.000	98	19622	0.4000	0.3417	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.888	6.892	-0.004	99	78443	0.4000	0.3968	
34 trans-1,2-Dichloroethene	96	7.565	7.573	-0.008	99	28719	0.4000	0.3933	
35 2-Methylpentane	43	7.580	7.582	-0.002	93	55330	0.4000	0.3978	
36 Methyl tert-butyl ether	73	7.704	7.712	-0.008	95	61092	0.4000	0.3985	
37 1,1-Dichloroethane	63	8.015	8.021	-0.007	99	52911	0.4000	0.4039	
38 Vinyl acetate	43	8.118	8.123	-0.005	100	57379	0.4000	0.3796	
39 2-Butanone (MEK)	72	8.593	8.600	-0.007	96	12890	0.4000	0.4078	
40 Hexane	56	8.609	8.610	-0.001	77	20186	0.4000	0.4052	
41 Isopropyl ether	45	8.774	8.781	-0.007	97	86355	0.4000	0.3990	
42 cis-1,2-Dichloroethene	96	9.043	9.050	-0.007	93	30536	0.4000	0.3949	
43 Ethyl acetate	43	9.224	9.228	-0.004	98	60419	0.4000	0.3984	
44 Chloroform	83	9.400	9.404	-0.004	89	69434	0.4000	0.4014	
45 Tert-butyl ethyl ether	59	9.482	9.489	-0.007	97	72579	0.4000	0.3841	
46 Tetrahydrofuran	42	9.823	9.829	-0.006	92	26517	0.4000	0.3660	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	97	62546	0.4000	0.3815	
48 1,2-Dichloroethane	62	10.568	10.571	-0.003	97	42226	0.4000	0.3939	
49 n-Butanol	31	10.981	10.984	-0.003	91	9535	0.4000	0.3519	
50 Cyclohexane	69	11.043	11.047	-0.004	75	12387	0.4000	0.4025	
51 Benzene	78	11.048	11.051	-0.003	96	84409	0.4000	0.3968	
52 Carbon tetrachloride	117	11.069	11.071	-0.002	97	48167	0.4000	0.2874	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	91	17426	0.4000	0.3984	
54 Thiophene	84	11.317	11.322	-0.005	96	49826	0.4000	0.3935	
55 Isooctane	57	11.777	11.779	-0.002	98	125706	0.4000	0.3849	
56 n-Heptane	71	12.139	12.140	-0.001	91	25501	0.4000	0.4001	
57 1,2-Dichloropropane	63	12.247	12.251	-0.004	91	34516	0.4000	0.3796	
58 Trichloroethene	130	12.278	12.279	-0.001	99	42425	0.4000	0.3893	
59 Dibromomethane	93	12.371	12.375	-0.004	93	43215	0.4000	0.3939	
60 Dichlorobromomethane	83	12.511	12.510	0.001	99	64899	0.4000	0.3699	
61 1,4-Dioxane	88	12.521	12.522	-0.001	95	12270	0.4000	0.3692	
62 Methyl methacrylate	41	12.578	12.579	-0.001	94	34068	0.4000	0.3797	
63 Methylcyclohexane	83	13.038	13.037	0.001	95	45323	0.4000	0.3455	
64 4-Methyl-2-pentanone (MIBK)	43	13.421	13.424	-0.003	98	63895	0.4000	0.3831	
65 cis-1,3-Dichloropropene	75	13.488	13.491	-0.003	94	45245	0.4000	0.3754	
66 trans-1,3-Dichloropropene	75	14.175	14.174	0.001	98	37416	0.4000	0.3591	
67 Toluene	91	14.299	14.302	-0.003	93	96339	0.4000	0.3869	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	97	34951	0.4000	0.3834	
69 2-Hexanone	58	14.739	14.740	-0.001	91	26175	0.4000	0.3460	
70 n-Octane	85	14.956	14.955	0.001	93	26757	0.4000	0.3865	
71 Chlorodibromomethane	129	15.075	15.080	-0.006	97	64171	0.4000	0.3573	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	99	64461	0.4000	0.3854	
73 Tetrachloroethene	129	15.431	15.433	-0.002	96	42406	0.4000	0.3841	
75 2,3-Dimethylheptane	43	16.289	16.292	-0.003	96	96042	0.4000	0.3953	
74 Chlorobenzene	112	16.305	16.305	0.000	95	88588	0.4000	0.3971	
76 Ethylbenzene	91	16.579	16.582	-0.004	99	124064	0.4000	0.3848	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	203435	0.8000	0.8068	
78 n-Nonane	57	17.126	17.130	-0.004	91	57327	0.4000	0.4090	
79 Bromoform	173	17.204	17.204	0.000	91	64389	0.4000	0.3040	
80 Styrene	104	17.204	17.205	-0.001	99	69053	0.4000	0.3983	
81 o-Xylene	91	17.266	17.267	-0.001	99	107263	0.4000	0.3963	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	89626	0.4000	0.3848	
83 1,2,3-Trichloropropane	110	17.757	17.762	-0.005	98	22166	0.4000	0.3905	
84 Isopropylbenzene	105	17.860	17.860	0.000	96	134132	0.4000	0.3795	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.393	18.398	-0.005	99	37114	0.4000	0.3641	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	97	39617	0.4000	0.3874	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	136180	0.4000	0.3863	
88 1,3,5-Trimethylbenzene	120	18.615	18.618	-0.003	94	60789	0.4000	0.3754	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	87	49155	0.4000	0.3580	
90 n-Decane	57	18.889	18.889	0.000	90	82509	0.4000	0.4131	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	93	132443	0.4000	0.3852	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	95	122956	0.4000	0.3931	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	98	169739	0.4000	0.3881	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	96	89391	0.4000	0.3605	
95 Benzyl chloride	91	19.416	19.418	-0.002	98	73498	0.4000	0.3031	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	85246	0.4000	0.3570	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	97	152822	0.4000	0.3922	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	120989	0.4000	0.3848	
99 Butylcyclohexane	83	19.586	19.588	-0.002	95	102905	0.4000	0.4002	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	93	113664	0.4000	0.3835	
100 1,2-Dichlorobenzene	146	19.793	19.798	-0.005	98	92108	0.4000	0.3692	
103 n-Butylbenzene	91	19.917	19.917	0.000	98	151415	0.4000	0.3940	
102 Indene	116	19.922	19.926	-0.004	89	97856	0.4000	0.3814	
104 Undecane	57	20.212	20.211	0.001	96	92809	0.4000	0.3661	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	96	43755	0.4000	0.3362	
106 1,2,4,5-Tetramethylbenzene	119	20.693	20.695	-0.002	97	134447	0.4000	0.3530	
107 Dodecane	57	21.323	21.326	-0.003	95	94837	0.4000	0.3725	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	77757	0.4000	0.3456	
109 Naphthalene	128	21.695	21.696	-0.001	99	142641	0.4000	0.3708	
110 Hexachlorobutadiene	225	21.850	21.853	-0.003	91	111854	0.4000	0.3900	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	78430	0.4000	0.3758	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	100	25215	0.4000	0.1960	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	58162	0.4000	0.3339	
A 115 C8 Range	1	14.961	(14.914-15.007)		0	282800	0.4000	0.3983	
S 116 Xylenes, Total	100				0		1.20	1.20	
S 117 1,2-Dichloroethene, Total	1				0		0.8000	0.7882	

Reagents:

40L5DQP_00021

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:21

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC05.D

Injection Date: 19-Sep-2020 04:49:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L5

Worklist Smp#: 13

Client ID:

Purge Vol: 500.000 mL

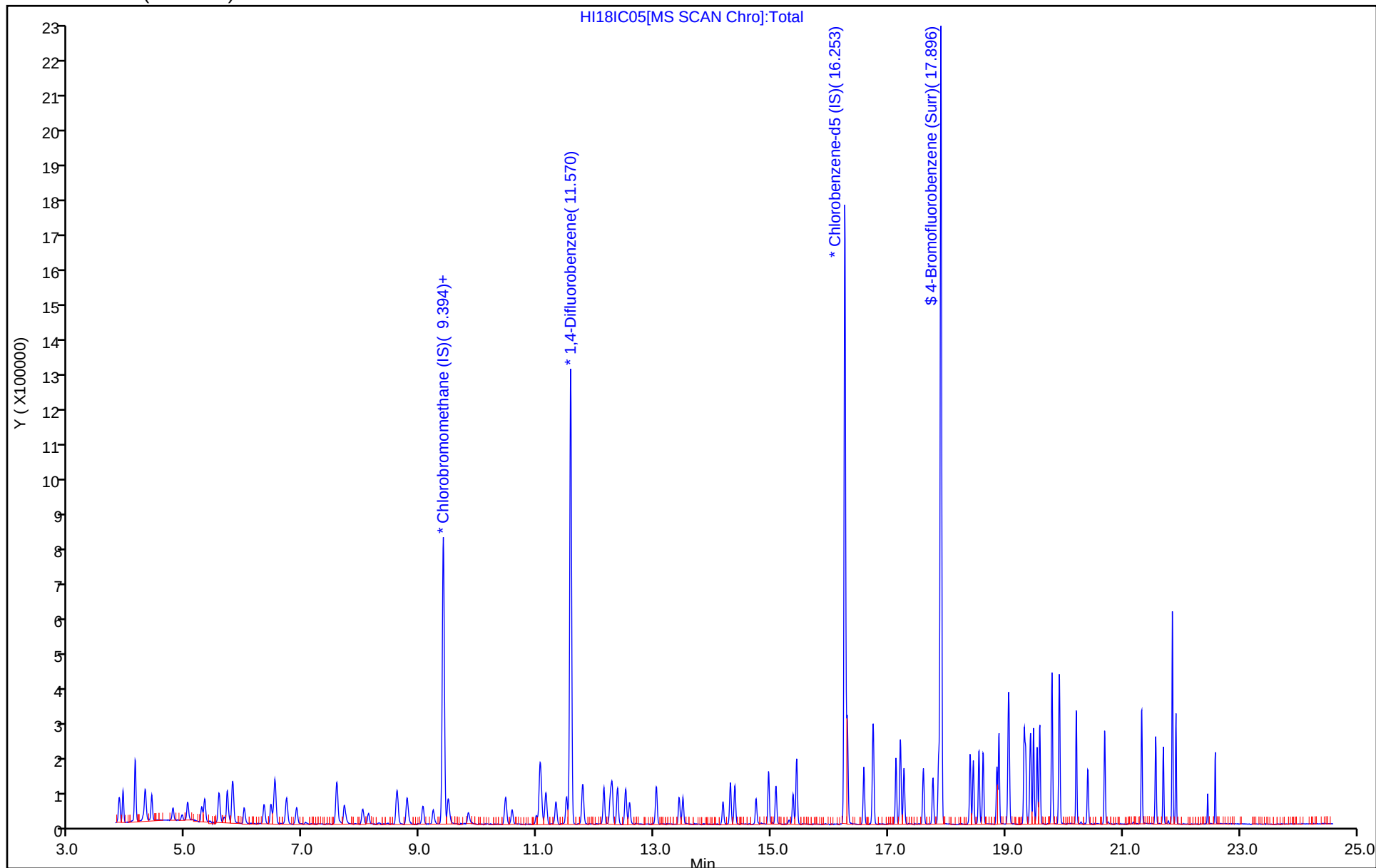
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Report Date: 19-Sep-2020 10:39:21

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC05.D

Injection Date: 19-Sep-2020 04:49:30

Instrument ID: MH

Lims ID: IC L5

Client ID:

Operator ID: AFB

ALS Bottle#:

3

Worklist Smp#:

13

Purge Vol: 500.000 mL

Dil. Factor:

1.0000

Method: MH_TO15

Limit Group:

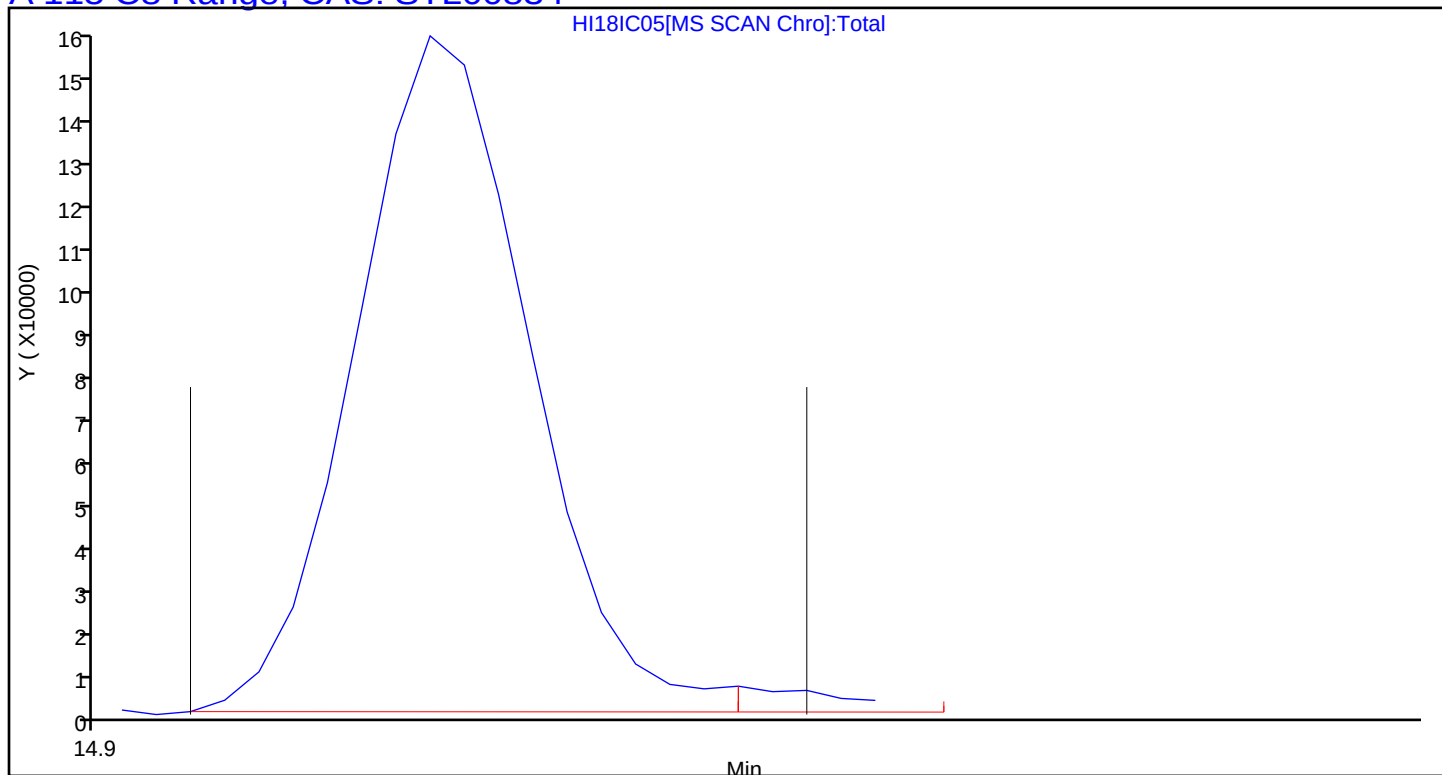
MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector

MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC06.D
 Lims ID: IC L6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 19-Sep-2020 05:43:30 ALS Bottle#: 4 Worklist Smp#: 14
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-014
 Misc. Info.: 324285
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:37 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 07:16:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.394	9.399	-0.005	91	274220	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.574	-0.004	94	1242358	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	86	1052166	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	782452	4.64	4.72	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	96	121787	1.00	0.9788	
7 Propene	41	3.864	3.868	-0.004	98	52541	1.00	1.01	
8 Dichlorodifluoromethane	85	3.921	3.925	-0.004	100	196367	1.00	0.9286	
9 Chloromethane	52	4.128	4.136	-0.008	97	16437	1.00	0.9687	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	88	148361	1.00	0.99	
11 Acetaldehyde	44	4.298	4.303	-0.005	93	103959	5.00	5.29	
12 Vinyl chloride	62	4.319	4.321	-0.002	99	54595	1.00	0.9292	
13 Butane	43	4.412	4.417	-0.005	86	68460	1.00	0.9703	
14 Butadiene	54	4.412	4.417	-0.005	75	37234	1.00	0.9425	
15 Bromomethane	94	4.774	4.780	-0.006	98	63686	1.00	1.01	
16 Chloroethane	64	4.934	4.936	-0.002	91	23758	1.00	0.9889	
17 Ethanol	31	5.022	5.038	-0.016	99	120180	5.00	4.99	
18 Vinyl bromide	106	5.265	5.272	-0.007	96	69728	1.00	0.9847	
19 2-Methylbutane	43	5.317	5.320	-0.003	92	71495	1.00	1.01	
20 Trichlorofluoromethane	101	5.565	5.566	-0.001	99	190541	1.00	0.9626	
21 Acrolein	56	5.575	5.581	-0.006	96	20867	1.00	0.9343	
22 Acetonitrile	40	5.647	5.657	-0.010	99	28794	1.00	1.00	
23 Acetone	58	5.699	5.708	-0.009	99	94043	3.00	3.00	
24 Pentane	72	5.797	5.804	-0.007	95	8822	1.00	1.00	
25 Isopropyl alcohol	45	5.777	5.801	-0.024	98	236414	3.00	2.83	
26 Ethyl ether	31	5.983	5.996	-0.013	93	71972	1.00	0.9837	
27 1,1-Dichloroethene	96	6.335	6.338	-0.003	98	65977	1.00	0.9512	
28 Acrylonitrile	53	6.443	6.453	-0.010	95	47548	1.00	0.9721	
29 2-Methyl-2-propanol	59	6.433	6.459	-0.026	95	93260	1.00	0.9387	
30 112TCTFE	101	6.521	6.522	-0.001	97	155927	1.00	0.9711	
31 Methylene Chloride	84	6.712	6.715	-0.003	96	64728	1.00	0.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.722	6.728	-0.006	97	52172	1.00	0.9230	
33 Carbon disulfide	76	6.888	6.892	-0.004	100	190132	1.00	0.9769	
34 trans-1,2-Dichloroethene	96	7.570	7.573	-0.003	99	68904	1.00	0.9585	
35 2-Methylpentane	43	7.580	7.582	-0.002	95	136342	1.00	1.00	
36 Methyl tert-butyl ether	73	7.694	7.712	-0.018	96	148522	1.00	0.9840	
37 1,1-Dichloroethane	63	8.014	8.021	-0.007	100	125773	1.00	0.9751	
38 Vinyl acetate	43	8.113	8.123	-0.010	100	147319	1.00	0.9899	
40 Hexane	56	8.604	8.610	-0.006	89	47990	1.00	0.9784	
39 2-Butanone (MEK)	72	8.588	8.600	-0.012	97	30317	1.00	0.9743	
41 Isopropyl ether	45	8.764	8.781	-0.017	97	209542	1.00	0.9833	
42 cis-1,2-Dichloroethene	96	9.043	9.050	-0.007	93	72406	1.00	0.9512	
43 Ethyl acetate	43	9.214	9.228	-0.014	99	144604	1.00	0.9684	
44 Chloroform	83	9.400	9.404	-0.004	95	163955	1.00	0.9627	
45 Tert-butyl ethyl ether	59	9.472	9.489	-0.017	97	179631	1.00	0.9655	
46 Tetrahydrofuran	42	9.808	9.829	-0.021	93	67257	1.00	0.9430	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	97	150068	1.00	0.9297	
48 1,2-Dichloroethane	62	10.568	10.571	-0.003	97	99255	1.00	0.9543	
49 n-Butanol	31	10.976	10.985	-0.009	94	21756	1.00	0.8276	
50 Cyclohexane	69	11.043	11.047	-0.004	92	29894	1.00	1.00	
51 Benzene	78	11.048	11.051	-0.003	96	202038	1.00	0.9790	
52 Carbon tetrachloride	117	11.069	11.071	-0.002	98	143069	1.00	0.8799	
53 2,3-Dimethylpentane	71	11.146	11.152	-0.006	94	41967	1.00	0.9889	
54 Thiophene	84	11.317	11.322	-0.005	95	120126	1.00	0.9777	
55 Isooctane	57	11.777	11.779	-0.002	98	310177	1.00	0.9790	
56 n-Heptane	71	12.139	12.140	-0.001	93	62951	1.00	1.02	
57 1,2-Dichloropropane	63	12.247	12.251	-0.004	92	84648	1.00	0.9596	
58 Trichloroethene	130	12.273	12.279	-0.006	98	101870	1.00	0.9636	
59 Dibromomethane	93	12.371	12.375	-0.004	94	100217	1.00	0.9414	
60 Dichlorobromomethane	83	12.506	12.510	-0.004	99	163184	1.00	0.9586	
61 1,4-Dioxane	88	12.511	12.522	-0.011	89	31134	1.00	0.9654	
62 Methyl methacrylate	41	12.573	12.579	-0.006	94	85600	1.00	0.9834	
63 Methylcyclohexane	83	13.033	13.037	-0.004	97	115427	1.00	0.9068	
64 4-Methyl-2-pentanone (MIBK)	43	13.415	13.424	-0.009	98	154440	1.00	0.9545	
65 cis-1,3-Dichloropropene	75	13.488	13.491	-0.003	94	116247	1.00	0.99	
66 trans-1,3-Dichloropropene	75	14.170	14.174	-0.004	98	99789	1.00	0.9814	
67 Toluene	91	14.299	14.302	-0.003	92	242085	1.00	1.00	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	96	85328	1.00	0.9592	
69 2-Hexanone	58	14.733	14.740	-0.007	91	67299	1.00	0.9116	
70 n-Octane	85	14.950	14.955	-0.005	94	69768	1.00	1.03	
71 Chlorodibromomethane	129	15.080	15.080	0.000	98	170591	1.00	0.9733	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	98	160437	1.00	0.9829	
73 Tetrachloroethene	129	15.431	15.433	-0.002	96	102735	1.00	0.9535	
75 2,3-Dimethylheptane	43	16.289	16.292	-0.003	96	234694	1.00	0.9899	
74 Chlorobenzene	112	16.299	16.305	-0.006	96	213443	1.00	0.9805	
76 Ethylbenzene	91	16.578	16.582	-0.004	98	318968	1.00	1.01	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	507264	2.00	2.06	
78 n-Nonane	57	17.126	17.130	-0.004	93	148770	1.00	1.09	
79 Bromoform	173	17.204	17.204	0.000	94	191463	1.00	0.9262	
80 Styrene	104	17.204	17.205	-0.001	99	180962	1.00	1.07	
81 o-Xylene	91	17.266	17.267	-0.001	99	268802	1.00	1.02	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	223150	1.00	0.9818	
83 1,2,3-Trichloropropane	110	17.757	17.762	-0.005	99	53484	1.00	0.9655	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.855	17.860	-0.005	97	347946	1.00	1.01	
85 N-Propylbenzene	120	18.398	18.398	0.000	99	98413	1.00	0.9894	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	97	98865	1.00	0.99	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	353453	1.00	1.03	
88 1,3,5-Trimethylbenzene	120	18.615	18.618	-0.003	93	151882	1.00	0.9015	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	87	136240	1.00	1.02	
90 n-Decane	57	18.889	18.889	0.000	90	210376	1.00	1.08	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	95	340013	1.00	1.01	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	95	313021	1.00	1.03	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	99	440703	1.00	1.03	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	97	224798	1.00	0.9290	
95 Benzyl chloride	91	19.416	19.418	-0.002	98	197042	1.00	0.8327	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	95	217255	1.00	0.9323	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	97	391747	1.00	1.03	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	311084	1.00	1.01	
99 Butylcyclohexane	83	19.586	19.588	-0.002	95	261734	1.00	1.04	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	96	295250	1.00	1.02	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	97	225757	1.00	0.9274	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	389861	1.00	1.04	
102 Indene	116	19.922	19.926	-0.004	95	256208	1.00	1.02	
104 Undecane	57	20.207	20.211	-0.004	96	240633	1.00	0.9727	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	96	123555	1.00	0.9729	
106 1,2,4,5-Tetramethylbenzene	119	20.692	20.695	-0.003	97	354765	1.00	0.9545	
107 Dodecane	57	21.323	21.326	-0.003	95	246670	1.00	0.99	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	207479	1.00	0.9449	
109 Naphthalene	128	21.695	21.696	-0.001	99	381875	1.00	1.02	
110 Hexachlorobutadiene	225	21.850	21.853	-0.003	90	265937	1.00	0.9501	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	201398	1.00	0.9889	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	100	77496	1.00	0.6173	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	149661	1.00	0.8804	
A 115 C8 Range	1	14.961	(14.909-15.012)		0	685260	1.00	0.99	
S 116 Xylenes, Total	100				0		3.00	3.08	
S 117 1,2-Dichloroethene, Total	1				0		2.00	1.91	

QC Flag Legend

Processing Flags

Reagents:

40L6DQP_00020

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:38

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC06.D

Injection Date: 19-Sep-2020 05:43:30

Instrument ID: MH

Operator ID: AFB

Lims ID: IC L6

Worklist Smp#: 14

Client ID:

Purge Vol: 500.000 mL

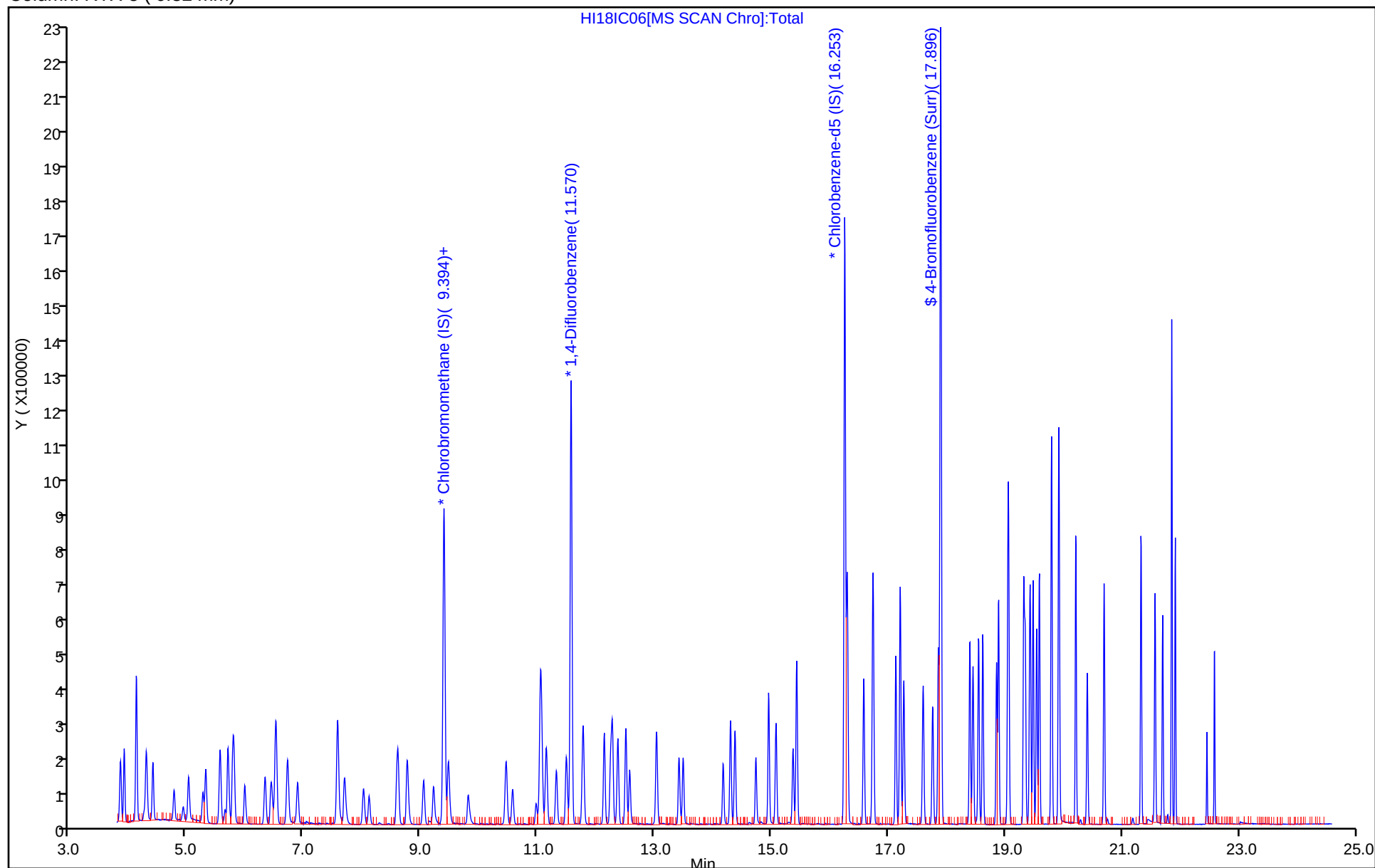
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC06.D

Injection Date: 19-Sep-2020 05:43:30

Instrument ID: MH

Lims ID: IC L6

Client ID:

Operator ID: AFB

ALS Bottle#: 4

Worklist Smp#: 14

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

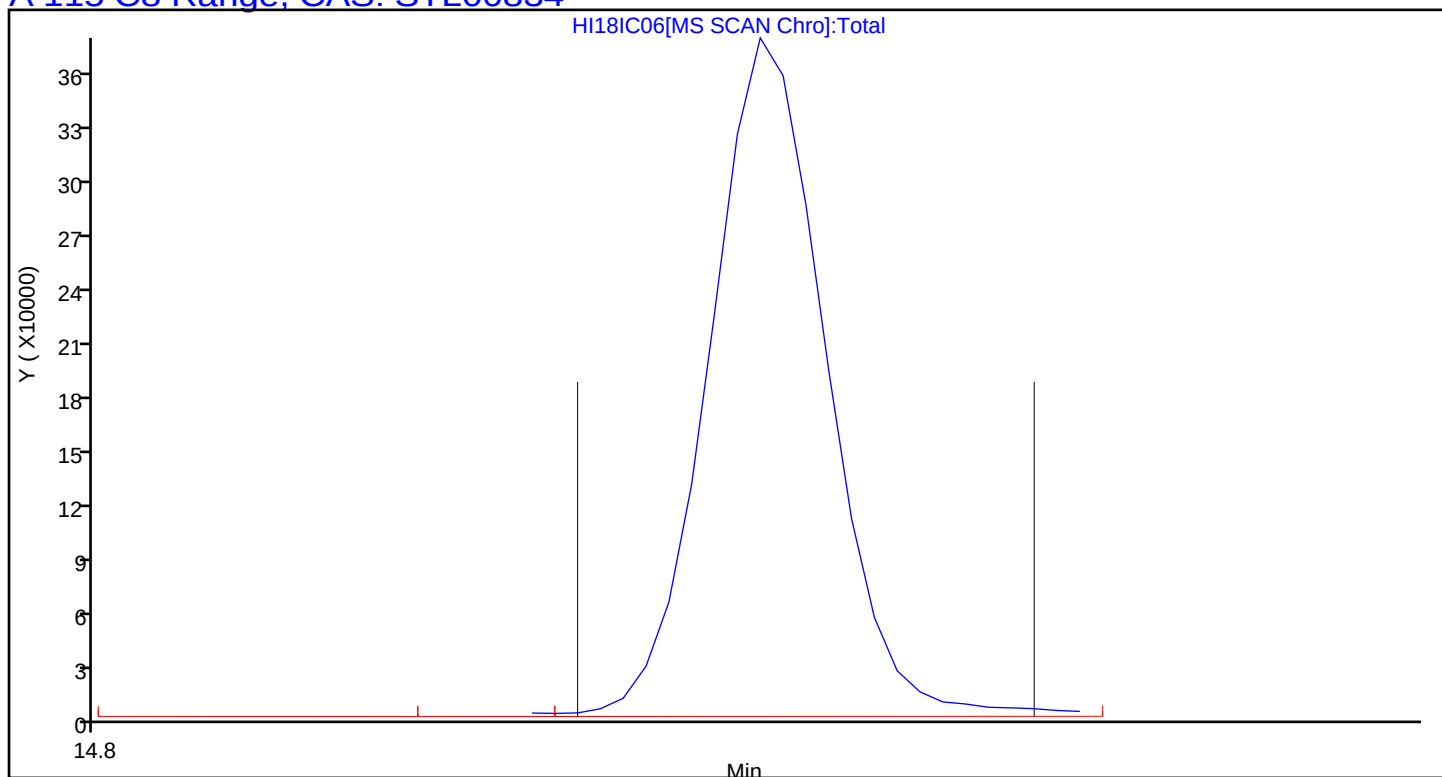
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Lims ID: ICIS L7
 Client ID:
 Sample Type: ICIS Calib Level: 7
 Inject. Date: 19-Sep-2020 06:37:30 ALS Bottle#: 5 Worklist Smp#: 15
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-015
 Misc. Info.: 324146
 Operator ID: AFB Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:44 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: tajh

Date: 19-Sep-2020 08:12:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.400	9.399	0.001	91	293463	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.575	11.574	0.001	94	1340282	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.254	-0.001	86	1132831	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.898	-0.002	97	838359	4.64	4.69	
6 Chlorodifluoromethane	51	3.854	3.856	-0.002	97	264081	2.00	1.98	
7 Propene	41	3.869	3.868	0.001	98	114740	2.00	2.07	
8 Dichlorodifluoromethane	85	3.926	3.925	0.001	100	454928	2.00	2.01	
9 Chloromethane	52	4.128	4.136	-0.008	88	36938	2.00	2.03	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.135	-0.002	93	321040	2.00	2.01	
11 Acetaldehyde	44	4.298	4.303	-0.005	94	217132	10.0	10.3	
12 Vinyl chloride	62	4.319	4.321	-0.002	99	122319	2.00	1.95	
13 Butane	43	4.417	4.417	0.000	83	152253	2.00	2.02	
14 Butadiene	54	4.417	4.417	0.000	74	84583	2.00	2.00	
15 Bromomethane	94	4.779	4.780	-0.001	98	134097	2.00	1.98	
16 Chloroethane	64	4.934	4.936	-0.002	92	51381	2.00	2.00	
17 Ethanol	31	5.027	5.038	-0.011	99	258857	10.0	10.1	
18 Vinyl bromide	106	5.275	5.272	0.003	97	152958	2.00	2.02	
19 2-Methylbutane	43	5.322	5.320	0.002	92	154705	2.00	2.04	
20 Trichlorofluoromethane	101	5.565	5.566	-0.001	99	419577	2.00	1.98	
21 Acrolein	56	5.575	5.581	-0.006	96	46725	2.00	1.95	
22 Acetonitrile	40	5.653	5.657	-0.004	98	64173	2.00	2.08	
23 Acetone	58	5.699	5.708	-0.009	98	193585	6.00	5.76	
25 Isopropyl alcohol	45	5.782	5.801	-0.019	97	532615	6.00	5.95	
24 Pentane	72	5.802	5.804	-0.002	95	19207	2.00	2.03	
26 Ethyl ether	31	5.983	5.996	-0.013	93	161046	2.00	2.06	
27 1,1-Dichloroethene	96	6.340	6.338	0.002	98	147077	2.00	1.98	
29 2-Methyl-2-propanol	59	6.428	6.459	-0.031	96	214331	2.00	2.02	
28 Acrylonitrile	53	6.448	6.453	-0.005	94	105295	2.00	2.01	
30 112TCTFE	101	6.521	6.522	-0.001	97	341177	2.00	1.99	
31 Methylene Chloride	84	6.717	6.715	0.002	96	141568	2.00	2.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
32 3-Chloro-1-propene	39	6.733	6.728	0.005	97	124322	2.00	2.06	
33 Carbon disulfide	76	6.893	6.892	0.001	99	423932	2.00	2.04	
34 trans-1,2-Dichloroethene	96	7.575	7.573	0.002	99	154231	2.00	2.00	
35 2-Methylpentane	43	7.580	7.582	-0.002	95	305139	2.00	2.08	
36 Methyl tert-butyl ether	73	7.689	7.712	-0.023	96	330645	2.00	2.05	
37 1,1-Dichloroethane	63	8.020	8.021	-0.001	100	274467	2.00	1.99	
38 Vinyl acetate	43	8.118	8.123	-0.005	100	340228	2.00	2.14	
39 2-Butanone (MEK)	72	8.588	8.600	-0.012	97	66651	2.00	2.00	
40 Hexane	56	8.614	8.610	0.004	90	105491	2.00	2.01	
41 Isopropyl ether	45	8.764	8.781	-0.017	97	472606	2.00	2.07	
42 cis-1,2-Dichloroethene	96	9.048	9.050	-0.002	93	162072	2.00	1.99	
43 Ethyl acetate	43	9.214	9.228	-0.014	99	325450	2.00	2.04	
44 Chloroform	83	9.405	9.404	0.001	97	361312	2.00	1.98	
45 Tert-butyl ethyl ether	59	9.467	9.489	-0.022	97	407699	2.00	2.05	
46 Tetrahydrofuran	42	9.808	9.829	-0.021	92	152076	2.00	1.99	
47 1,1,1-Trichloroethane	97	10.459	10.461	-0.002	96	337819	2.00	1.96	
48 1,2-Dichloroethane	62	10.573	10.571	0.002	98	221239	2.00	1.97	
49 n-Butanol	31	10.966	10.985	-0.019	91	54249	2.00	1.91	
50 Cyclohexane	69	11.048	11.047	0.001	95	66850	2.00	2.08	
51 Benzene	78	11.048	11.051	-0.003	97	452447	2.00	2.03	
52 Carbon tetrachloride	117	11.069	11.071	-0.002	98	363784	2.00	2.07	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	92	94766	2.00	2.07	
54 Thiophene	84	11.322	11.322	0.000	95	271149	2.00	2.05	
55 Isooctane	57	11.777	11.779	-0.002	98	691441	2.00	2.02	
56 n-Heptane	71	12.139	12.140	-0.001	93	143660	2.00	2.15	
57 1,2-Dichloropropane	63	12.247	12.251	-0.004	92	185527	2.00	1.95	
58 Trichloroethene	130	12.278	12.279	-0.001	96	227057	2.00	1.99	
59 Dibromomethane	93	12.371	12.375	-0.004	93	225638	2.00	1.96	
60 Dichlorobromomethane	83	12.511	12.510	0.001	98	371783	2.00	2.02	
61 1,4-Dioxane	88	12.506	12.522	-0.016	91	72291	2.00	2.08	
62 Methyl methacrylate	41	12.573	12.579	-0.006	96	196186	2.00	2.09	
63 Methylcyclohexane	83	13.033	13.037	-0.004	96	265635	2.00	1.93	
64 4-Methyl-2-pentanone (MIBK)	43	13.415	13.424	-0.009	98	365838	2.00	2.10	
65 cis-1,3-Dichloropropene	75	13.493	13.491	0.002	94	266735	2.00	2.11	
66 trans-1,3-Dichloropropene	75	14.175	14.174	0.001	99	236354	2.00	2.16	
67 Toluene	91	14.299	14.302	-0.003	93	545973	2.00	2.09	
68 1,1,2-Trichloroethane	83	14.377	14.378	-0.001	96	191918	2.00	2.00	
69 2-Hexanone	58	14.733	14.740	-0.007	92	169914	2.00	2.14	
70 n-Octane	85	14.956	14.955	0.001	94	159207	2.00	2.19	
71 Chlorodibromomethane	129	15.080	15.080	0.000	97	400088	2.00	2.12	
72 Ethylene Dibromide	107	15.369	15.371	-0.002	98	362537	2.00	2.06	
73 Tetrachloroethene	129	15.431	15.433	-0.002	96	229057	2.00	1.97	
75 2,3-Dimethylheptane	43	16.289	16.292	-0.003	96	520831	2.00	2.04	
74 Chlorobenzene	112	16.305	16.305	0.000	95	473646	2.00	2.02	
76 Ethylbenzene	91	16.578	16.582	-0.004	99	723116	2.00	2.13	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	1146596	4.00	4.33	
78 n-Nonane	57	17.131	17.130	0.001	92	344432	2.00	2.34	
79 Bromoform	173	17.204	17.204	0.000	95	469842	2.00	2.11	
80 Styrene	104	17.204	17.205	-0.001	96	420499	2.00	2.31	
81 o-Xylene	91	17.266	17.267	-0.001	99	613095	2.00	2.16	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	505822	2.00	2.07	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	98	121015	2.00	2.03	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
84 Isopropylbenzene	105	17.860	17.860	0.000	96	806233	2.00	2.17	
85 N-Propylbenzene	120	18.398	18.398	0.000	99	232211	2.00	2.17	
86 2-Chlorotoluene	126	18.449	18.452	-0.003	97	225279	2.00	2.10	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	821242	2.00	2.22	
88 1,3,5-Trimethylbenzene	120	18.620	18.618	0.002	93	352880	2.00	1.90	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	88	337717	2.00	2.34	
90 n-Decane	57	18.889	18.889	0.000	90	484632	2.00	2.31	
91 tert-Butylbenzene	119	19.049	19.051	-0.002	93	796386	2.00	2.20	
92 1,2,4-Trimethylbenzene	105	19.059	19.062	-0.003	95	731770	2.00	2.23	
93 sec-Butylbenzene	105	19.318	19.320	-0.002	99	1043826	2.00	2.27	
94 1,3-Dichlorobenzene	146	19.344	19.345	-0.001	97	516565	2.00	1.98	
95 Benzyl chloride	91	19.416	19.418	-0.002	98	519034	2.00	2.04	
96 1,4-Dichlorobenzene	146	19.431	19.433	-0.002	94	501579	2.00	2.00	
97 4-Isopropyltoluene	119	19.478	19.480	-0.002	97	927560	2.00	2.27	
98 1,2,3-Trimethylbenzene	105	19.540	19.541	-0.001	98	733600	2.00	2.22	
99 Butylcyclohexane	83	19.586	19.588	-0.002	96	606107	2.00	2.24	
101 2,3-Dihydroindene	117	19.793	19.794	-0.001	94	707567	2.00	2.27	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	97	533069	2.00	2.03	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	927851	2.00	2.30	
102 Indene	116	19.922	19.926	-0.004	88	625409	2.00	2.32	
104 Undecane	57	20.212	20.211	0.001	96	569919	2.00	2.14	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	96	303706	2.00	2.22	
106 1,2,4,5-Tetramethylbenzene	119	20.692	20.695	-0.003	97	860012	2.00	2.15	
107 Dodecane	57	21.323	21.326	-0.003	96	590357	2.00	2.21	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	477337	2.00	2.02	
109 Naphthalene	128	21.695	21.696	-0.001	99	886811	2.00	2.19	
110 Hexachlorobutadiene	225	21.850	21.853	-0.003	90	579255	2.00	1.92	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	436415	2.00	1.99	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	100	231636	2.00	1.71	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	362311	2.00	1.98	
A 115 C8 Range	1	14.966	(14.904-15.018)		0	1510944	2.00	2.03	
S 116 Xylenes, Total	100				0		6.00	6.48	
S 117 1,2-Dichloroethene, Total	1				0		4.00	3.99	

QC Flag Legend

Processing Flags

Reagents:

40L7DQP_00020

Amount Added: 200.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:39:45

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D

Injection Date: 19-Sep-2020 06:37:30

Instrument ID: MH

Operator ID: AFB

Lims ID: ICIS L7

Worklist Smp#: 15

Client ID:

Purge Vol: 500.000 mL

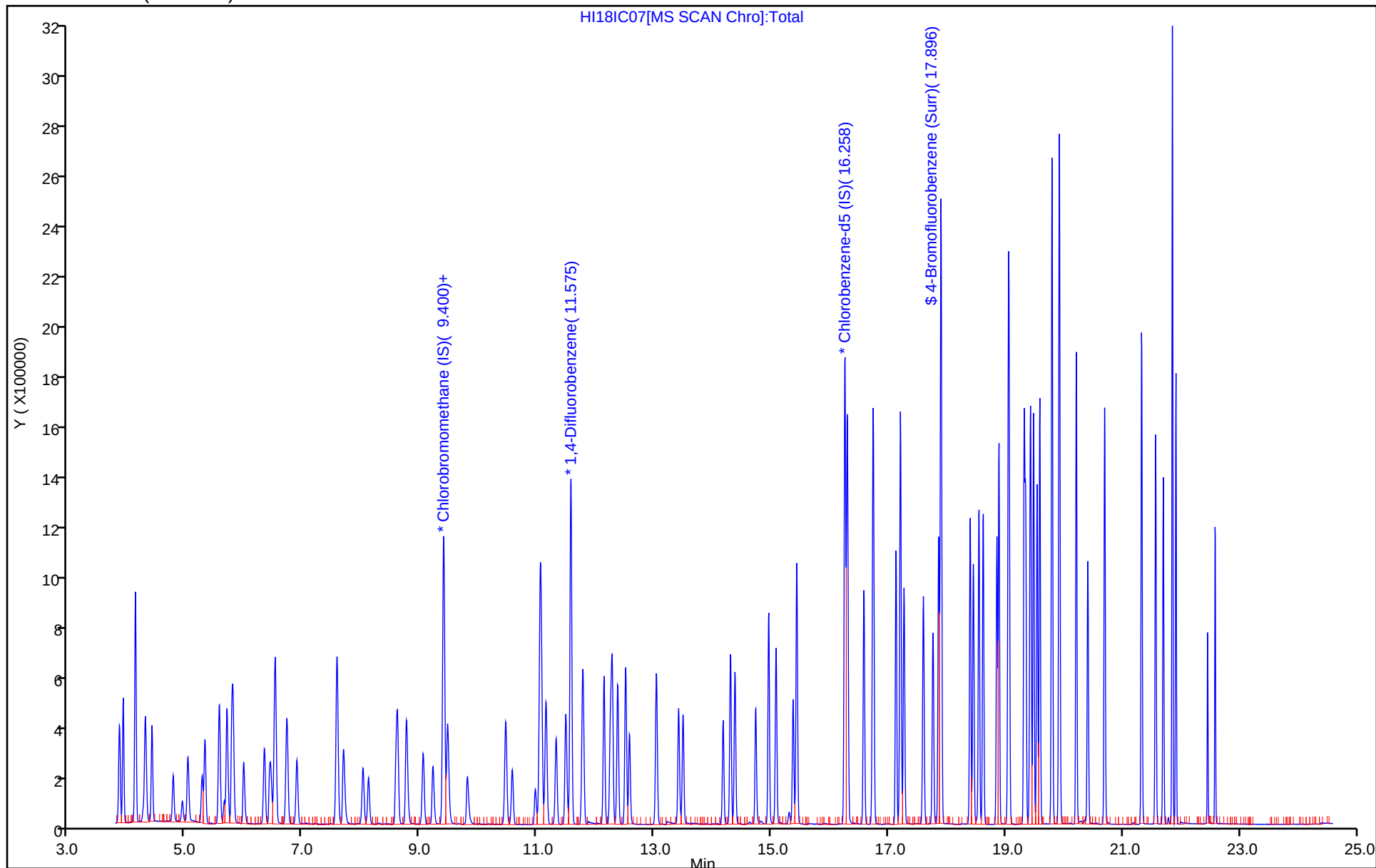
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D

Injection Date: 19-Sep-2020 06:37:30

Instrument ID: MH

Lims ID: ICIS L7

Client ID:

Operator ID: AFB

ALS Bottle#: 5

Worklist Smp#: 15

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

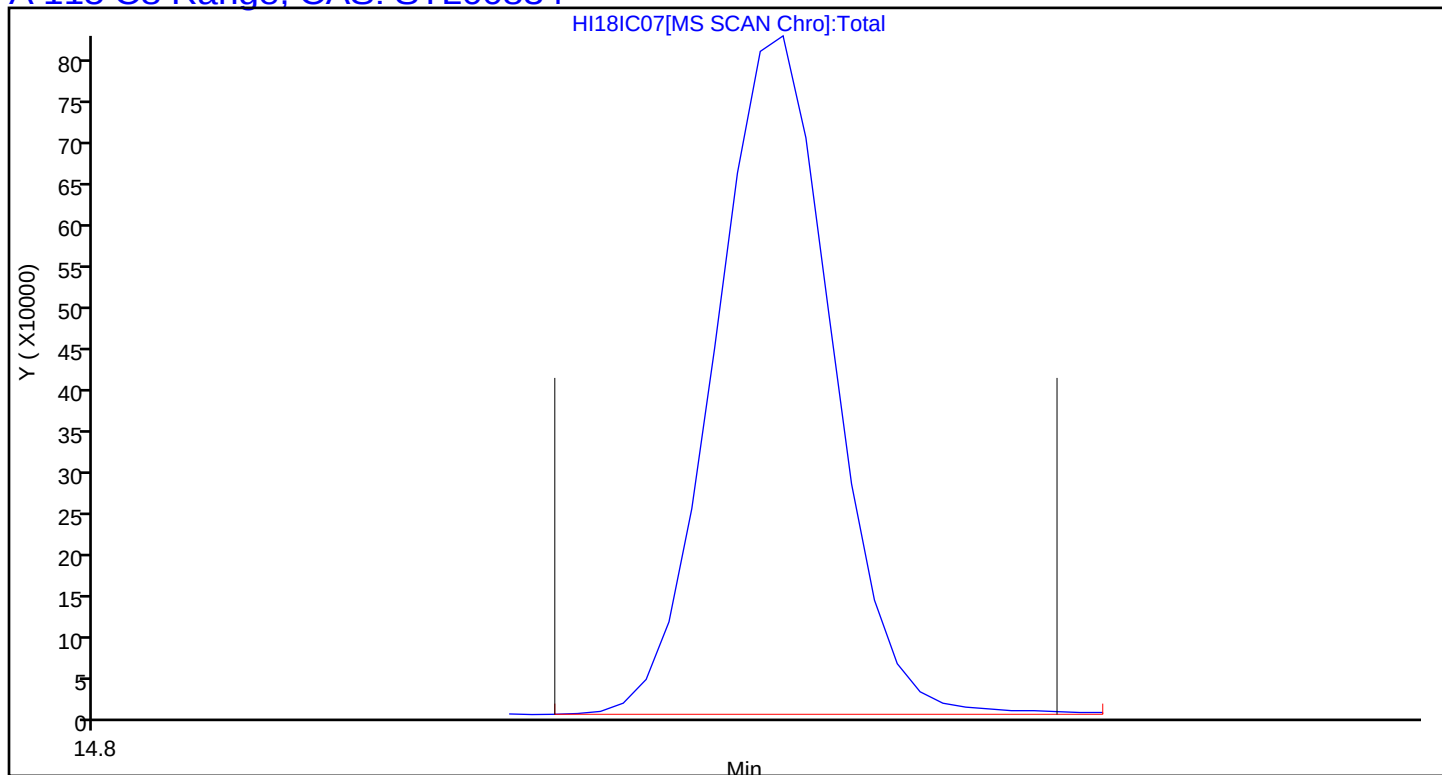
Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

A 115 C8 Range, CAS: STL00834



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Lab Sample ID: ICV 140-42917/17 Calibration Date: 09/19/2020 08:25
 Instrument ID: MH Calib Start Date: 09/18/2020 19:41
 GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37
 Lab File ID: HI18ICV.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Ave	2.178	2.290		1.68	1.60	5.1	35.0
Propene	Ave	0.9082	0.9765		1.72	1.60	7.5	35.0
Dichlorodifluoromethane	Ave	3.702	3.915		1.69	1.60	5.8	35.0
Chloromethane	Ave	0.2970	0.3310		1.78	1.60	11.4	35.0
1,2-Dichlorotetrafluoroethane	Ave	2.619	2.824		1.73	1.60	7.8	35.0
Acetaldehyde	Ave	0.3439	0.3534		8.22	8.00	2.8	35.0
Vinyl chloride	Ave	1.028	1.120		1.74	1.60	8.9	35.0
Butane	Ave	1.235	1.406		1.82	1.60	13.8	35.0
1,3-Butadiene	Ave	0.6915	0.7358		1.70	1.60	6.4	35.0
Bromomethane	Ave	1.109	1.184		1.71	1.60	6.8	35.0
Chloroethane	Ave	0.4205	0.4447		1.69	1.60	5.8	35.0
Ethanol	Ave	0.4212	0.3414		6.48	8.00	-19.0	35.0
Vinyl bromide	Ave	1.239	1.380		1.78	1.60	11.3	35.0
2-Methylbutane	Ave	1.242	1.361		1.75	1.60	9.6	35.0
Trichlorofluoromethane	Ave	3.465	3.671		1.70	1.60	5.9	35.0
Acrolein	Ave	0.3909	0.3579		1.46	1.60	-8.5	35.0
Acetonitrile	Ave	0.5042	0.5184		1.65	1.60	2.8	35.0
Acetone	Ave	0.5494	0.5638			1.60	2.6	35.0
Isopropyl alcohol	Ave	1.465	1.852		2.02	1.60	26.4	35.0
Pentane	Ave	0.1546	0.1703		1.76	1.60	10.2	35.0
Ethyl ether	Ave	1.281	1.403		1.75	1.60	9.5	35.0
1,1-Dichloroethene	Ave	1.214	1.272		1.68	1.60	4.8	35.0
t-Butyl alcohol	Ave	1.739	1.878		1.73	1.60	8.0	35.0
Acrylonitrile	Ave	0.8562	0.9383		1.75	1.60	9.6	35.0
1,1,2-Trichlorotrifluoroethane	Ave	2.811	2.993		1.70	1.60	6.5	35.0
Methylene Chloride	Ave	1.140	1.202		1.69	1.60	5.4	35.0
3-Chloropropene	Ave	0.9895	1.106		1.79	1.60	11.7	35.0
Carbon disulfide	Ave	3.407	3.656		1.72	1.60	7.3	35.0
trans-1,2-Dichloroethene	Ave	1.258	1.315		1.67	1.60	4.5	35.0
2-Methylpentane	Ave	2.397	2.421		1.62	1.60	1.0	35.0
Methyl tert-butyl ether	Ave	2.642	2.901		1.76	1.60	9.8	35.0
1,1-Dichloroethane	Ave	2.258	2.411		1.71	1.60	6.8	35.0
Vinyl acetate	Ave	2.605	2.929		1.80	1.60	12.4	35.0
2-Butanone	Ave	0.5447	0.5832		1.71	1.60	7.1	35.0
Hexane	Ave	0.8585	0.9349		1.74	1.60	8.9	35.0
Isopropyl ether	Ave	3.730	4.237		1.82	1.60	13.6	35.0
cis-1,2-Dichloroethene	Ave	1.332	1.433		1.72	1.60	7.6	35.0
Ethyl acetate	Ave	2.614	2.710		1.66	1.60	3.7	35.0
Chloroform	Ave	2.981	3.135		1.68	1.60	5.2	35.0
Tert-butyl ethyl ether	Ave	3.257	3.341		1.64	1.60	2.6	35.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1

SDG No.: _____

Lab Sample ID: ICV 140-42917/17 Calibration Date: 09/19/2020 08:25

Instrument ID: MH Calib Start Date: 09/18/2020 19:41

GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37

Lab File ID: HI18ICV.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	1.248	1.344		1.72	1.60	7.7	35.0
1,1,1-Trichloroethane	Ave	2.825	2.914		1.65	1.60	3.1	35.0
1,2-Dichloroethane	Ave	0.4019	0.4242		1.69	1.60	5.6	35.0
1-Butanol	Ave	0.1016	0.1065		1.68	1.60	4.9	35.0
Benzene	Ave	0.7973	0.8779		1.76	1.60	10.1	35.0
Cyclohexane	Ave	0.1154	0.1302		1.81	1.60	12.9	35.0
Carbon tetrachloride	Ave	0.6282	0.7085		1.80	1.60	12.8	35.0
2,3-Dimethylpentane	Ave	0.1640	0.1746		1.70	1.60	6.5	35.0
Thiophene	Ave	0.4747	0.5071		1.71	1.60	6.8	35.0
2,2,4-Trimethylpentane	Ave	1.224	1.341		1.75	1.60	9.5	35.0
Heptane	Ave	0.2389	0.2739		1.83	1.60	14.6	35.0
1,2-Dichloropropane	Ave	0.3408	0.3584		1.68	1.60	5.2	35.0
Trichloroethene	Ave	0.4085	0.4440		1.74	1.60	8.7	35.0
Dibromomethane	Ave	0.4113	0.4345		1.69	1.60	5.6	35.0
1,4-Dioxane	Ave	0.1246	0.1362		1.75	1.60	9.4	35.0
Bromodichloromethane	Ave	0.6577	0.7181		1.75	1.60	9.2	35.0
Methyl methacrylate	Ave	0.3363	0.3677		1.75	1.60	9.3	35.0
Methylcyclohexane	Lin1F		0.6254		2.03	1.60	27.2	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6252	0.6905		1.77	1.60	10.5	35.0
cis-1,3-Dichloropropene	Ave	0.4518	0.5193		1.84	1.60	14.9	35.0
trans-1,3-Dichloropropene	Ave	0.4639	0.5398		1.86	1.60	16.4	35.0
Toluene	Ave	1.109	1.240		1.79	1.60	11.8	35.0
1,1,2-Trichloroethane	Ave	0.4058	0.4290		1.69	1.60	5.7	35.0
2-Hexanone	Ave	0.3368	0.3858		1.83	1.60	14.5	35.0
Octane	Ave	0.3082	0.3645		1.89	1.60	18.3	35.0
Dibromochloromethane	Ave	0.7996	0.9062		1.81	1.60	13.3	35.0
1,2-Dibromoethane	Ave	0.7446	0.8215		1.77	1.60	10.3	35.0
Tetrachloroethene	Ave	0.4915	0.5324		1.73	1.60	8.3	35.0
2,3-Dimethylheptane	Ave	1.082	1.049		1.55	1.60	-3.0	35.0
Chlorobenzene	Ave	0.9931	1.096		1.77	1.60	10.4	35.0
Ethylbenzene	Ave	1.435	1.650		1.84	1.60	14.9	35.0
m-Xylene & p-Xylene	Ave	1.123	1.345		3.83	3.20	19.8	35.0
Nonane	Ave	0.6240	0.7692		1.97	1.60	23.3	35.0
Bromoform	Ave	0.9430	1.063		1.80	1.60	12.7	35.0
Styrene	Ave	0.7718	0.9712		2.01	1.60	25.8	35.0
o-Xylene	Ave	1.205	1.385		1.84	1.60	15.0	35.0
1,1,2,2-Tetrachloroethane	Ave	1.037	1.133		1.75	1.60	9.3	35.0
1,2,3-Trichloropropane	Ave	0.2527	0.2780		1.76	1.60	10.0	35.0
Isopropylbenzene	Ave	1.573	1.867		1.90	1.60	18.7	35.0
Propylbenzene	Ave	0.4538	0.5384		1.90	1.60	18.7	35.0
2-Chlorotoluene	Ave	0.4552	0.5296		1.86	1.60	16.3	35.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Lab Sample ID: ICV 140-42917/17 Calibration Date: 09/19/2020 08:25
 Instrument ID: MH Calib Start Date: 09/18/2020 19:41
 GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37
 Lab File ID: HI18ICV.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	1.569	1.774		1.81	1.60	13.0	35.0
1,3,5-Trimethylbenzene	Lin1		0.9163		1.86	1.60	16.6	35.0
Alpha Methyl Styrene	Ave	0.6112	0.7659		2.00	1.60	25.3	35.0
Decane	Ave	0.8890	1.096		1.97	1.60	23.3	35.0
tert-Butylbenzene	Ave	1.531	1.811		1.89	1.60	18.3	35.0
1,2,4-Trimethylbenzene	Ave	1.392	1.667		1.92	1.60	19.7	35.0
sec-Butylbenzene	Ave	1.947	2.370		1.95	1.60	21.7	35.0
1,3-Dichlorobenzene	Ave	1.104	1.205		1.75	1.60	9.2	35.0
Benzyl chloride	Ave	1.080	1.168		1.73	1.60	8.2	35.0
1,4-Dichlorobenzene	Ave	1.063	1.156		1.74	1.60	8.7	35.0
4-Isopropyltoluene	Ave	1.735	2.071		1.91	1.60	19.4	35.0
1,2,3-Trimethylbenzene	Ave	1.400	1.214		1.39	1.60	-13.3	35.0
Butylcyclohexane	Ave	1.145	1.290		1.80	1.60	12.7	35.0
Indane	Ave	1.320	1.573		1.91	1.60	19.2	35.0
1,2-Dichlorobenzene	Ave	1.111	1.226		1.77	1.60	10.4	35.0
Butylbenzene	Ave	1.711	2.127		1.99	1.60	24.4	35.0
Indene	Ave	1.142	1.203		1.69	1.60	5.4	35.0
Undecane	Ave	1.129	1.263		1.79	1.60	11.9	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.5794	0.5594		1.54	1.60	-3.4	35.0
1,2,4,5-Tetramethylbenzene	Ave	1.696	1.799		1.70	1.60	6.1	35.0
Dodecane	Ave	1.133	1.301		1.84	1.60	14.8	35.0
1,2,4-Trichlorobenzene	Ave	1.002	1.110		1.77	1.60	10.8	35.0
Naphthalene	Ave	1.712	1.994		1.86	1.60	16.4	35.0
Hexachlorobutadiene	Ave	1.277	1.281		1.61	1.60	0.3	35.0
1,2,3-Trichlorobenzene	Ave	0.9291	1.024		1.76	1.60	10.2	35.0
2-Methylnaphthalene	Ave	0.5728	0.4254		1.19	1.60	-25.7	50.0
1-Methylnaphthalene	Ave	0.7755	0.7080		1.46	1.60	-8.7	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7569	0.7766		4.76	4.64	2.6	35.0

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18ICV.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 19-Sep-2020 08:25:30 ALS Bottle#: 6 Worklist Smp#: 17
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0016664-017
 Misc. Info.: 80ML S129 324150
 Operator ID: AFB Instrument ID: MH
 Sublist:
 Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 19-Sep-2020 10:39:44 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.400	9.400	0.000	92	296780	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.570	11.575	-0.005	94	1355999	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.253	16.253	0.000	86	1163364	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.896	17.896	0.000	98	873399	4.64	4.76	
6 Chlorodifluoromethane	51	3.854	3.854	0.000	97	226518	1.60	1.68	
7 Propene	41	3.864	3.869	-0.005	98	96606	1.60	1.72	
8 Dichlorodifluoromethane	85	3.921	3.926	-0.005	100	387259	1.60	1.69	
9 Chloromethane	52	4.128	4.128	0.000	52	32745	1.60	1.78	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.133	4.133	0.000	96	279366	1.60	1.73	
11 Acetaldehyde	44	4.298	4.298	0.000	94	174803	8.00	8.22	
12 Vinyl chloride	62	4.319	4.319	0.000	99	110791	1.60	1.74	
13 Butane	43	4.412	4.417	-0.005	83	139062	1.60	1.82	
14 Butadiene	54	4.417	4.417	0.000	71	72791	1.60	1.70	
15 Bromomethane	94	4.779	4.779	0.000	98	117122	1.60	1.71	
16 Chloroethane	64	4.934	4.934	0.000	91	43997	1.60	1.69	
17 Ethanol	31	5.027	5.027	0.000	98	168845	8.00	6.48	
18 Vinyl bromide	106	5.270	5.275	-0.005	96	136526	1.60	1.78	
19 2-Methylbutane	43	5.322	5.322	0.000	92	134620	1.60	1.75	
20 Trichlorofluoromethane	101	5.565	5.565	0.000	99	363151	1.60	1.70	
21 Acrolein	56	5.575	5.575	0.000	96	35403	1.60	1.46	
22 Acetonitrile	40	5.647	5.653	-0.006	99	51281	1.60	1.65	
23 Acetone	58	5.699	5.699	0.000	98	55774	1.60	1.64	
25 Isopropyl alcohol	45	5.782	5.782	0.000	92	183172	1.60	2.02	
24 Pentane	72	5.802	5.802	0.000	96	16851	1.60	1.76	
26 Ethyl ether	31	5.983	5.983	0.000	94	138771	1.60	1.75	
27 1,1-Dichloroethene	96	6.335	6.340	-0.005	98	125855	1.60	1.68	
29 2-Methyl-2-propanol	59	6.428	6.428	0.000	95	185751	1.60	1.73	
28 Acrylonitrile	53	6.449	6.448	0.001	94	92819	1.60	1.75	
30 112TCTFE	101	6.521	6.521	0.000	96	296105	1.60	1.70	
31 Methylene Chloride	84	6.712	6.717	-0.005	95	118919	1.60	1.69	
32 3-Chloro-1-propene	39	6.728	6.733	-0.005	98	109382	1.60	1.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.893	6.893	0.000	99	361693	1.60	1.72	
34 trans-1,2-Dichloroethene	96	7.570	7.575	-0.005	99	130101	1.60	1.67	
35 2-Methylpentane	43	7.580	7.580	0.000	95	239472	1.60	1.62	
36 Methyl tert-butyl ether	73	7.689	7.689	0.000	96	286950	1.60	1.76	
37 1,1-Dichloroethane	63	8.020	8.020	0.000	100	238509	1.60	1.71	
38 Vinyl acetate	43	8.118	8.118	0.000	100	289776	1.60	1.80	
39 2-Butanone (MEK)	72	8.583	8.588	-0.005	97	57692	1.60	1.71	
40 Hexane	56	8.609	8.614	-0.005	88	92484	1.60	1.74	
41 Isopropyl ether	45	8.764	8.764	0.000	98	419130	1.60	1.82	
42 cis-1,2-Dichloroethene	96	9.048	9.048	0.000	93	141769	1.60	1.72	
43 Ethyl acetate	43	9.214	9.214	0.000	99	268057	1.60	1.66	
44 Chloroform	83	9.405	9.405	0.000	95	310147	1.60	1.68	
45 Tert-butyl ethyl ether	59	9.467	9.467	0.000	97	330531	1.60	1.64	
46 Tetrahydrofuran	42	9.808	9.808	0.000	92	132981	1.60	1.72	
47 1,1,1-Trichloroethane	97	10.459	10.459	0.000	96	288231	1.60	1.65	
48 1,2-Dichloroethane	62	10.568	10.573	-0.005	98	191742	1.60	1.69	
49 n-Butanol	31	10.966	10.966	0.000	92	48154	1.60	1.68	
51 Benzene	78	11.048	11.048	0.000	97	396798	1.60	1.76	
50 Cyclohexane	69	11.048	11.048	0.000	95	58850	1.60	1.81	
52 Carbon tetrachloride	117	11.069	11.069	0.000	98	320222	1.60	1.80	
53 2,3-Dimethylpentane	71	11.152	11.152	0.000	91	78929	1.60	1.70	
54 Thiophene	84	11.322	11.322	0.000	95	229205	1.60	1.71	
55 Isooctane	57	11.777	11.777	0.000	98	606030	1.60	1.75	
56 n-Heptane	71	12.139	12.139	0.000	93	123785	1.60	1.83	
57 1,2-Dichloropropane	63	12.247	12.247	0.000	92	162018	1.60	1.68	
58 Trichloroethene	130	12.278	12.278	0.000	97	200681	1.60	1.74	
59 Dibromomethane	93	12.371	12.371	0.000	93	196380	1.60	1.69	
61 1,4-Dioxane	88	12.506	12.506	0.000	38	61584	1.60	1.75	
60 Dichlorobromomethane	83	12.511	12.511	0.000	98	324575	1.60	1.75	
62 Methyl methacrylate	41	12.573	12.573	0.000	95	166178	1.60	1.75	
63 Methylcyclohexane	83	13.033	13.033	0.000	97	282690	1.60	2.03	
64 4-Methyl-2-pentanone (MIBK)	43	13.415	13.415	0.000	98	312115	1.60	1.77	
65 cis-1,3-Dichloropropene	75	13.488	13.493	-0.005	95	234741	1.60	1.84	
66 trans-1,3-Dichloropropene	75	14.175	14.175	0.000	98	209336	1.60	1.86	
67 Toluene	91	14.299	14.299	0.000	93	480708	1.60	1.79	
68 1,1,2-Trichloroethane	83	14.377	14.377	0.000	96	166376	1.60	1.69	
69 2-Hexanone	58	14.733	14.733	0.000	92	149603	1.60	1.83	
70 n-Octane	85	14.956	14.956	0.000	94	141363	1.60	1.89	
71 Chlorodibromomethane	129	15.080	15.080	0.000	97	351427	1.60	1.81	
72 Ethylene Dibromide	107	15.369	15.369	0.000	98	318557	1.60	1.77	
73 Tetrachloroethene	129	15.431	15.431	0.000	97	206444	1.60	1.73	
75 2,3-Dimethylheptane	43	16.289	16.289	0.000	96	406726	1.60	1.55	
74 Chlorobenzene	112	16.305	16.305	0.000	95	425115	1.60	1.77	
76 Ethylbenzene	91	16.579	16.578	0.001	99	639737	1.60	1.84	
77 m-Xylene & p-Xylene	91	16.739	16.739	0.000	98	1042928	3.20	3.83	
78 n-Nonane	57	17.126	17.131	-0.005	93	298300	1.60	1.97	
79 Bromoform	173	17.204	17.204	0.000	95	412214	1.60	1.80	
80 Styrene	104	17.204	17.204	0.000	99	376603	1.60	2.01	
81 o-Xylene	91	17.266	17.266	0.000	99	537217	1.60	1.84	
82 1,1,2,2-Tetrachloroethane	83	17.597	17.597	0.000	99	439452	1.60	1.75	
83 1,2,3-Trichloropropane	110	17.762	17.762	0.000	98	107798	1.60	1.76	
84 Isopropylbenzene	105	17.855	17.860	-0.005	96	724129	1.60	1.90	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.398	18.398	0.000	99	208798	1.60	1.90	
86 2-Chlorotoluene	126	18.449	18.449	0.000	97	205355	1.60	1.86	
87 4-Ethyltoluene	105	18.548	18.548	0.000	98	687963	1.60	1.81	
88 1,3,5-Trimethylbenzene	120	18.615	18.620	-0.005	93	355329	1.60	1.86	
89 Alpha Methyl Styrene	118	18.853	18.853	0.000	89	297006	1.60	2.00	
90 n-Decane	57	18.889	18.889	0.000	90	424952	1.60	1.97	
91 tert-Butylbenzene	119	19.049	19.049	0.000	93	702270	1.60	1.89	
92 1,2,4-Trimethylbenzene	105	19.059	19.059	0.000	95	646508	1.60	1.92	
93 sec-Butylbenzene	105	19.318	19.318	0.000	99	919030	1.60	1.95	
94 1,3-Dichlorobenzene	146	19.344	19.344	0.000	97	467341	1.60	1.75	
95 Benzyl chloride	91	19.416	19.416	0.000	98	453027	1.60	1.73	
96 1,4-Dichlorobenzene	146	19.431	19.431	0.000	95	448106	1.60	1.74	
97 4-Isopropyltoluene	119	19.478	19.478	0.000	97	803285	1.60	1.91	
98 1,2,3-Trimethylbenzene	105	19.540	19.540	0.000	98	470666	1.60	1.39	
99 Butylcyclohexane	83	19.587	19.586	0.001	95	500208	1.60	1.80	
101 2,3-Dihydroindene	117	19.793	19.793	0.000	94	609926	1.60	1.91	
100 1,2-Dichlorobenzene	146	19.798	19.798	0.000	97	475418	1.60	1.77	
103 n-Butylbenzene	91	19.917	19.917	0.000	97	824924	1.60	1.99	
102 Indene	116	19.922	19.922	0.000	87	466612	1.60	1.69	
104 Undecane	57	20.207	20.212	-0.005	96	489836	1.60	1.79	
105 1,2-Dibromo-3-Chloropropane	157	20.408	20.408	0.000	96	216940	1.60	1.54	
106 1,2,4,5-Tetramethylbenzene	119	20.693	20.692	0.001	97	697799	1.60	1.70	
107 Dodecane	57	21.323	21.323	0.000	96	504570	1.60	1.84	
108 1,2,4-Trichlorobenzene	180	21.566	21.566	0.000	93	430541	1.60	1.77	
109 Naphthalene	128	21.695	21.695	0.000	99	773176	1.60	1.86	
110 Hexachlorobutadiene	225	21.850	21.850	0.000	90	496895	1.60	1.61	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	95	397010	1.60	1.76	
112 2-Methylnaphthalene	142	22.455	22.455	0.000	100	164956	1.60	1.19	
113 1-Methylnaphthalene	142	22.584	22.584	0.000	100	274581	1.60	1.46	
A 115 C8 Range	1	14.961	(14.904-15.018)		0	1332357	1.60	1.77	
S 116 Xylenes, Total	100				0		4.80	5.67	
S 117 1,2-Dichloroethene, Total	1				0		3.20	3.39	
T 139 2-Methylthiophene TIC	97	14.454	14.375	0.077	91	413809	1.60	1.71	
T 142 3-Methylthiophene TIC	97	14.651	14.727	-0.077	95	407000	1.60	1.68	
T 141 2-Ethylthiophene TIC	97	16.682	16.686	-0.005	95	506756	1.60	2.09	
T 152 1,2-Dimethyl-4-Ethylbenzene TIC	119	20.289	20.934	-0.646	95	596486	1.60	2.46	
T 150 1,2,3,4-Tetramethylbenzene TIC	119	20.755	21.047	-0.294	97	427198	1.60	1.76	
T 151 Benzo(b)thiophene TIC	134	21.783	21.709	0.072	94	377630	1.60	1.56	

Reagents:

40CV101S_00129

Amount Added: 80.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 19-Sep-2020 10:47:57

Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18ICV.D

Injection Date: 19-Sep-2020 08:25:30

Instrument ID: MH

Operator ID: AFB

Lims ID: ICV

Worklist Smp#: 17

Client ID:

Purge Vol: 500.000 mL

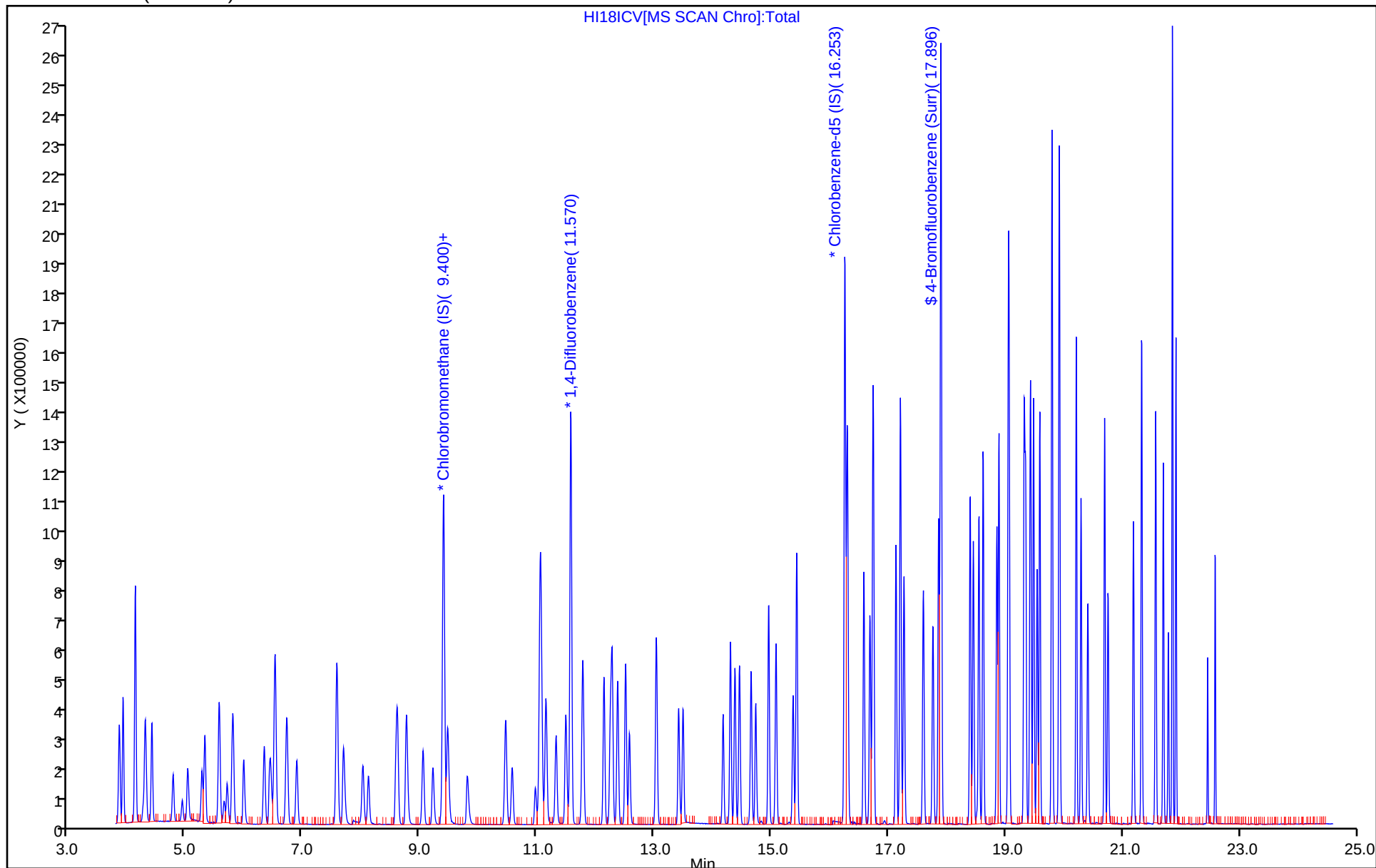
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Lab Sample ID: CCVIS 140-45176/2 Calibration Date: 12/10/2020 14:00
 Instrument ID: MH Calib Start Date: 09/18/2020 19:41
 GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37
 Lab File ID: HCCVL10R.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodifluoromethane	Ave	2.178	2.059		1.89	2.00	-5.5	30.0
Propene	Ave	0.9082	0.8462		1.86	2.00	-6.8	30.0
Dichlorodifluoromethane	Ave	3.702	3.711		2.00	2.00	0.2	30.0
Chloromethane	Ave	0.2970	0.3579		2.41	2.00	20.5	30.0
1,2-Dichlorotetrafluoroethane	Ave	2.619	3.371		2.57	2.00	28.7	30.0
Acetaldehyde	Ave	0.3439	0.4947		14.4	10.0	43.9*	30.0
Vinyl chloride	Ave	1.028	1.309		2.55	2.00	27.3	30.0
1,3-Butadiene	Ave	0.6915	0.9228		2.67	2.00	33.4*	30.0
Butane	Ave	1.235	1.586		2.57	2.00	28.4	30.0
Bromomethane	Ave	1.109	1.552		2.80	2.00	40.0*	30.0
Chloroethane	Ave	0.4205	0.5712		2.72	2.00	35.8*	30.0
Ethanol	Ave	0.4212	0.4955		11.8	10.0	17.6	30.0
Vinyl bromide	Ave	1.239	1.370		2.21	2.00	10.6	30.0
2-Methylbutane	Ave	1.242	1.227		1.98	2.00	-1.2	30.0
Trichlorofluoromethane	Ave	3.465	3.649		2.11	2.00	5.3	30.0
Acrolein	Ave	0.3909	0.3579		1.83	2.00	-8.5	30.0
Acetonitrile	Ave	0.5042	0.4942		1.96	2.00	-2.0	30.0
Acetone	Ave	0.5494	0.6609		7.22	6.00	20.3	30.0
Isopropyl alcohol	Ave	1.465	1.524		6.24	6.00	4.0	30.0
Pentane	Ave	0.1546	0.1653		2.14	2.00	6.9	30.0
Ethyl ether	Ave	1.281	1.088		1.70	2.00	-15.0	30.0
1,1-Dichloroethene	Ave	1.214	1.271		2.09	2.00	4.7	30.0
t-Butyl alcohol	Ave	1.739	1.692		1.95	2.00	-2.7	30.0
Acrylonitrile	Ave	0.8562	0.8955		2.09	2.00	4.6	30.0
1,1,2-Trichlorotrifluoroethane	Ave	2.811	3.092		2.20	2.00	10.0	30.0
Methylene Chloride	Ave	1.140	1.162		2.04	2.00	1.9	30.0
3-Chloropropene	Ave	0.9895	0.8990		1.82	2.00	-9.1	30.0
Carbon disulfide	Ave	3.407	3.703		2.17	2.00	8.7	30.0
trans-1,2-Dichloroethene	Ave	1.258	1.303		2.07	2.00	3.5	30.0
2-Methylpentane	Ave	2.397	2.393		2.00	2.00	-0.2	30.0
Methyl tert-butyl ether	Ave	2.642	2.605		1.97	2.00	-1.4	30.0
1,1-Dichloroethane	Ave	2.258	2.182		1.93	2.00	-3.3	30.0
Vinyl acetate	Ave	2.605	2.710		2.08	2.00	4.0	30.0
2-Butanone	Ave	0.5447	0.5704		2.09	2.00	4.7	30.0
Hexane	Ave	0.8585	0.9132		2.13	2.00	6.4	30.0
Isopropyl ether	Ave	3.730	3.894		2.09	2.00	4.4	30.0
cis-1,2-Dichloroethene	Ave	1.332	1.346		2.02	2.00	1.0	30.0
Ethyl acetate	Ave	2.614	2.629		2.01	2.00	0.6	30.0
Chloroform	Ave	2.981	2.834		1.90	2.00	-4.9	30.0
Tert-butyl ethyl ether	Ave	3.257	3.204		1.97	2.00	-1.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Lab Sample ID: CCVIS 140-45176/2 Calibration Date: 12/10/2020 14:00
 Instrument ID: MH Calib Start Date: 09/18/2020 19:41
 GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37
 Lab File ID: HCCVL10R.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	1.248	1.245		1.99	2.00	-0.3	30.0
1,1,1-Trichloroethane	Ave	2.825	2.628		1.86	2.00	-7.0	30.0
1,2-Dichloroethane	Ave	0.4019	0.3645		1.81	2.00	-9.3	30.0
1-Butanol	Ave	0.1016	0.0882		1.74	2.00	-13.1	30.0
Cyclohexane	Ave	0.1154	0.1190		2.06	2.00	3.1	30.0
Benzene	Ave	0.7973	0.8374		2.10	2.00	5.0	30.0
Carbon tetrachloride	Ave	0.6282	0.5860		1.87	2.00	-6.7	30.0
2,3-Dimethylpentane	Ave	0.1640	0.1717		2.09	2.00	4.7	30.0
Thiophene	Ave	0.4747	0.4794		2.02	2.00	1.0	30.0
2,2,4-Trimethylpentane	Ave	1.224	1.260		2.06	2.00	3.0	30.0
Heptane	Ave	0.2389	0.2620		2.19	2.00	9.6	30.0
1,2-Dichloropropane	Ave	0.3408	0.3285		1.93	2.00	-3.6	30.0
Trichloroethene	Ave	0.4085	0.4343		2.13	2.00	6.3	30.0
Dibromomethane	Ave	0.4113	0.4203		2.04	2.00	2.2	30.0
1,4-Dioxane	Ave	0.1246	0.1436		2.31	2.00	15.3	30.0
Bromodichloromethane	Ave	0.6577	0.6452		1.96	2.00	-1.9	30.0
Methyl methacrylate	Ave	0.3363	0.3210		1.91	2.00	-4.5	30.0
Methylcyclohexane	Lin1F		0.4787		1.95	2.00	-2.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6252	0.6330		2.03	2.00	1.3	30.0
cis-1,3-Dichloropropene	Ave	0.4518	0.4819		2.13	2.00	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.4639	0.4461		1.92	2.00	-3.8	30.0
Toluene	Ave	1.109	1.106		2.00	2.00	-0.2	30.0
1,1,2-Trichloroethane	Ave	0.4058	0.3627		1.79	2.00	-10.6	30.0
2-Hexanone	Ave	0.3368	0.3324		1.97	2.00	-1.3	30.0
Octane	Ave	0.3082	0.3128		2.03	2.00	1.5	30.0
Dibromochloromethane	Ave	0.7996	0.7726		1.93	2.00	-3.4	30.0
1,2-Dibromoethane	Ave	0.7446	0.6883		1.85	2.00	-7.6	30.0
Tetrachloroethene	Ave	0.4915	0.4493		1.83	2.00	-8.6	30.0
2,3-Dimethylheptane	Ave	1.082	0.9571		1.77	2.00	-11.5	30.0
Chlorobenzene	Ave	0.9931	0.9297		1.87	2.00	-6.4	30.0
Ethylbenzene	Ave	1.435	1.458		2.03	2.00	1.6	30.0
m-Xylene & p-Xylene	Ave	1.123	1.144		4.08	4.00	1.9	30.0
Nonane	Ave	0.6240	0.6467		2.07	2.00	3.6	30.0
Styrene	Ave	0.7718	0.8655		2.24	2.00	12.1	30.0
Bromoform	Ave	0.9430	0.9344		1.98	2.00	-0.9	30.0
o-Xylene	Ave	1.205	1.210		2.01	2.00	0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	1.037	0.9495		1.83	2.00	-8.4	30.0
1,2,3-Trichloropropane	Ave	0.2527	0.2326		1.84	2.00	-8.0	30.0
Isopropylbenzene	Ave	1.573	1.637		2.08	2.00	4.0	30.0
Propylbenzene	Ave	0.4538	0.4618		2.04	2.00	1.8	30.0
2-Chlorotoluene	Ave	0.4552	0.4497		1.98	2.00	-1.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Lab Sample ID: CCVIS 140-45176/2 Calibration Date: 12/10/2020 14:00
 Instrument ID: MH Calib Start Date: 09/18/2020 19:41
 GC Column: RTX-5 ID: 0.32 (mm) Calib End Date: 09/19/2020 06:37
 Lab File ID: HCCVL10R.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Ethyltoluene	Ave	1.569	1.678		2.14	2.00	6.9	30.0
1,3,5-Trimethylbenzene	Lin1		0.7039		1.79	2.00	-10.4	30.0
Alpha Methyl Styrene	Ave	0.6112	0.7010		2.29	2.00	14.7	30.0
Decane	Ave	0.8890	0.8850		1.99	2.00	-0.4	30.0
tert-Butylbenzene	Ave	1.531	1.573		2.06	2.00	2.8	30.0
1,2,4-Trimethylbenzene	Ave	1.392	1.479		2.12	2.00	6.2	30.0
sec-Butylbenzene	Ave	1.947	2.169		2.23	2.00	11.4	30.0
1,3-Dichlorobenzene	Ave	1.104	1.061		1.92	2.00	-3.9	30.0
Benzyl chloride	Ave	1.080	1.026		1.90	2.00	-5.0	30.0
1,4-Dichlorobenzene	Ave	1.063	1.025		1.93	2.00	-3.6	30.0
4-Isopropyltoluene	Ave	1.735	1.834		2.11	2.00	5.7	30.0
1,2,3-Trimethylbenzene	Ave	1.400	1.492		2.13	2.00	6.6	30.0
Butylcyclohexane	Ave	1.145	1.139		1.99	2.00	-0.5	30.0
Indane	Ave	1.320	1.467		2.22	2.00	11.2	30.0
1,2-Dichlorobenzene	Ave	1.111	1.084		1.95	2.00	-2.4	30.0
Butylbenzene	Ave	1.711	1.850		2.16	2.00	8.1	30.0
Indene	Ave	1.142	1.240		2.17	2.00	8.6	30.0
Undecane	Ave	1.129	1.055		1.87	2.00	-6.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.5794	0.6243		2.16	2.00	7.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.696	1.742		2.06	2.00	2.8	30.0
Dodecane	Ave	1.133	1.036		1.83	2.00	-8.6	30.0
1,2,4-Trichlorobenzene	Ave	1.002	1.031		2.06	2.00	2.9	30.0
Naphthalene	Ave	1.712	1.890		2.21	2.00	10.4	30.0
Hexachlorobutadiene	Ave	1.277	1.434		2.25	2.00	12.3	30.0
1,2,3-Trichlorobenzene	Ave	0.9291	1.083		2.33	2.00	16.6	30.0
2-Methylnaphthalene	Ave	0.5728	0.6400		2.24	2.00	11.7	50.0
1-Methylnaphthalene	Ave	0.7755	0.8509		2.19	2.00	9.7	50.0
4-Bromofluorobenzene (Surr)	Ave	0.7569	0.7081		4.34	4.64	-6.4	30.0

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 10-Dec-2020 14:00:30 ALS Bottle#: 5 Worklist Smp#: 2
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017552-002
 Misc. Info.: P126 100ML
 Operator ID: HMT Instrument ID: MH
 Sublist: chrom-MH_TO15*sub7
 Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 11-Dec-2020 10:51:29 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:51:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
S 117 1,2-Dichloroethene, Total	1				0		4.00	4.09	
S 116 Xylenes, Total	100				0		6.00	6.08	
6 Chlorodifluoromethane	51	3.864	3.864	0.000	96	199104	2.00	1.89	
7 Propene	41	3.880	3.880	0.000	98	81844	2.00	1.86	
8 Dichlorodifluoromethane	85	3.936	3.936	0.000	100	358901	2.00	2.00	
9 Chloromethane	52	4.138	4.138	0.000	98	34613	2.00	2.41	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.143	4.143	0.000	96	326050	2.00	2.57	
11 Acetaldehyde	44	4.309	4.309	0.000	95	239233	10.0	14.4	
12 Vinyl chloride	62	4.329	4.329	0.000	99	126641	2.00	2.55	
14 Butadiene	54	4.427	4.427	0.000	73	89247	2.00	2.67	
13 Butane	43	4.427	4.427	0.000	83	153417	2.00	2.57	
15 Bromomethane	94	4.789	4.789	0.000	98	150124	2.00	2.80	
16 Chloroethane	64	4.944	4.944	0.000	97	55244	2.00	2.72	
17 Ethanol	31	5.042	5.042	0.000	93	239615	10.0	11.8	
18 Vinyl bromide	106	5.280	5.280	0.000	98	132542	2.00	2.21	
19 2-Methylbutane	43	5.332	5.332	0.000	90	118703	2.00	1.98	
20 Trichlorofluoromethane	101	5.575	5.575	0.000	100	352958	2.00	2.11	
21 Acrolein	56	5.585	5.585	0.000	92	34612	2.00	1.83	
22 Acetonitrile	40	5.663	5.663	0.000	99	47793	2.00	1.96	
23 Acetone	58	5.699	5.699	0.000	97	191770	6.00	7.22	
25 Isopropyl alcohol	45	5.792	5.792	0.000	95	442195	6.00	6.24	
24 Pentane	72	5.807	5.807	0.000	95	15984	2.00	2.14	
26 Ethyl ether	31	5.983	5.983	0.000	96	105276	2.00	1.70	
27 1,1-Dichloroethene	96	6.340	6.340	0.000	99	122963	2.00	2.09	
29 2-Methyl-2-propanol	59	6.428	6.428	0.000	94	163665	2.00	1.95	
28 Acrylonitrile	53	6.453	6.453	0.000	96	86606	2.00	2.09	
30 112TCTFE	101	6.526	6.526	0.000	96	299077	2.00	2.20	
31 Methylene Chloride	84	6.717	6.717	0.000	95	112342	2.00	2.04	
32 3-Chloro-1-propene	39	6.733	6.733	0.000	97	86946	2.00	1.82	
33 Carbon disulfide	76	6.898	6.898	0.000	99	358177	2.00	2.17	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
34 trans-1,2-Dichloroethene	96	7.580	7.580	0.000	99	126020	2.00	2.07	
35 2-Methylpentane	43	7.590	7.590	0.000	94	231403	2.00	2.00	
36 Methyl tert-butyl ether	73	7.694	7.694	0.000	96	251910	2.00	1.97	
37 1,1-Dichloroethane	63	8.040	8.040	0.000	100	211058	2.00	1.93	
38 Vinyl acetate	43	8.138	8.138	0.000	100	262114	2.00	2.08	a
39 2-Butanone (MEK)	72	8.619	8.619	0.000	97	55166	2.00	2.09	
40 Hexane	56	8.655	8.655	0.000	91	88318	2.00	2.13	
41 Isopropyl ether	45	8.810	8.810	0.000	97	376578	2.00	2.09	
42 cis-1,2-Dichloroethene	96	9.110	9.110	0.000	93	130157	2.00	2.02	
43 Ethyl acetate	43	9.281	9.281	0.000	99	254245	2.00	2.01	
* 1 Chlorobromomethane (IS)	128	9.472	9.472	0.000	89	232120	4.80	4.80	
44 Chloroform	83	9.477	9.477	0.000	96	274131	2.00	1.90	
45 Tert-butyl ethyl ether	59	9.534	9.534	0.000	97	309898	2.00	1.97	
46 Tetrahydrofuran	42	9.880	9.880	0.000	92	120404	2.00	1.99	
47 1,1,1-Trichloroethane	97	10.562	10.562	0.000	97	254210	2.00	1.86	
48 1,2-Dichloroethane	62	10.671	10.671	0.000	97	159422	2.00	1.81	
49 n-Butanol	31	11.069	11.069	0.000	86	38578	2.00	1.74	
50 Cyclohexane	69	11.157	11.157	0.000	87	52026	2.00	2.06	
51 Benzene	78	11.162	11.162	0.000	97	366223	2.00	2.10	
52 Carbon tetrachloride	117	11.183	11.183	0.000	98	256257	2.00	1.87	
53 2,3-Dimethylpentane	71	11.265	11.265	0.000	91	75099	2.00	2.09	
54 Thiophene	84	11.436	11.436	0.000	95	209664	2.00	2.02	
* 2 1,4-Difluorobenzene	114	11.689	11.689	0.000	93	1049566	4.80	4.80	
55 Isooctane	57	11.901	11.901	0.000	99	551185	2.00	2.06	
56 n-Heptane	71	12.268	12.268	0.000	91	114556	2.00	2.19	
57 1,2-Dichloropropane	63	12.376	12.376	0.000	93	143647	2.00	1.93	
58 Trichloroethene	130	12.407	12.407	0.000	97	189917	2.00	2.13	
59 Dibromomethane	93	12.500	12.500	0.000	93	183800	2.00	2.04	
61 1,4-Dioxane	88	12.630	12.630	0.000	85	62809	2.00	2.31	
60 Dichlorobromomethane	83	12.640	12.640	0.000	99	282169	2.00	1.96	
62 Methyl methacrylate	41	12.702	12.702	0.000	96	140392	2.00	1.91	
63 Methylcyclohexane	83	13.172	13.172	0.000	96	209339	2.00	1.95	
64 4-Methyl-2-pentanone (MIBK)	43	13.550	13.550	0.000	97	276828	2.00	2.03	
65 cis-1,3-Dichloropropene	75	13.632	13.632	0.000	93	210747	2.00	2.13	
66 trans-1,3-Dichloropropene	75	14.320	14.320	0.000	98	184240	2.00	1.92	
67 Toluene	91	14.449	14.449	0.000	93	456965	2.00	2.00	
68 1,1,2-Trichloroethane	83	14.526	14.526	0.000	96	149806	2.00	1.79	
69 2-Hexanone	58	14.878	14.878	0.000	92	137285	2.00	1.97	
70 n-Octane	85	15.105	15.105	0.000	93	129181	2.00	2.03	
A 115 C8 Range	1	15.105	(15.054-15.157)	0	0	1186965	2.00	2.04	
71 Chlorodibromomethane	129	15.235	15.235	0.000	97	319066	2.00	1.93	
72 Ethylene Dibromide	107	15.529	15.529	0.000	99	284251	2.00	1.85	
73 Tetrachloroethene	129	15.591	15.591	0.000	96	185538	2.00	1.83	
* 3 Chlorobenzene-d5 (IS)	117	16.418	16.418	0.000	83	991182	4.80	4.80	
75 2,3-Dimethylheptane	43	16.449	16.449	0.000	96	395284	2.00	1.77	a
74 Chlorobenzene	112	16.465	16.465	0.000	96	383973	2.00	1.87	
76 Ethylbenzene	91	16.744	16.744	0.000	98	602247	2.00	2.03	
77 m-Xylene & p-Xylene	91	16.904	16.904	0.000	97	944756	4.00	4.08	
78 n-Nonane	57	17.292	17.292	0.000	91	267068	2.00	2.07	
80 Styrene	104	17.369	17.369	0.000	97	357439	2.00	2.24	
79 Bromoform	173	17.374	17.374	0.000	94	385883	2.00	1.98	
81 o-Xylene	91	17.431	17.431	0.000	99	499555	2.00	2.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
82 1,1,2,2-Tetrachloroethane	83	17.752	17.752	0.000	98	392127	2.00	1.83	
84 Isopropylbenzene	105	18.000	18.000	0.000	95	676024	2.00	2.08	
\$ 4 4-Bromofluorobenzene (Surr)	95	18.036	18.036	0.000	96	678486	4.64	4.34	
83 1,2,3-Trichloropropane	110	17.907	17.907	0.000	98	96042	2.00	1.84	a
85 N-Propylbenzene	120	18.506	18.506	0.000	99	190714	2.00	2.04	
86 2-Chlorotoluene	126	18.563	18.563	0.000	97	185708	2.00	1.98	
87 4-Ethyltoluene	105	18.651	18.651	0.000	99	692833	2.00	2.14	
88 1,3,5-Trimethylbenzene	120	18.718	18.718	0.000	93	290715	2.00	1.79	
89 Alpha Methyl Styrene	118	18.940	18.940	0.000	90	289519	2.00	2.29	
90 n-Decane	57	18.971	18.971	0.000	90	365518	2.00	1.99	
91 tert-Butylbenzene	119	19.126	19.126	0.000	93	649752	2.00	2.06	
92 1,2,4-Trimethylbenzene	105	19.142	19.142	0.000	95	610815	2.00	2.12	
93 sec-Butylbenzene	105	19.385	19.385	0.000	99	895747	2.00	2.23	
94 1,3-Dichlorobenzene	146	19.416	19.416	0.000	95	438258	2.00	1.92	
95 Benzyl chloride	91	19.483	19.483	0.000	99	423605	2.00	1.90	
96 1,4-Dichlorobenzene	146	19.498	19.498	0.000	97	423136	2.00	1.93	
97 4-Isopropyltoluene	119	19.540	19.540	0.000	97	757390	2.00	2.11	
98 1,2,3-Trimethylbenzene	105	19.602	19.602	0.000	98	616007	2.00	2.13	
99 Butylcyclohexane	83	19.643	19.643	0.000	96	470351	2.00	1.99	
101 2,3-Dihydroindene	117	19.845	19.845	0.000	95	606022	2.00	2.22	
100 1,2-Dichlorobenzene	146	19.850	19.850	0.000	99	447583	2.00	1.95	
103 n-Butylbenzene	91	19.958	19.958	0.000	97	763990	2.00	2.16	
102 Indene	116	19.974	19.974	0.000	92	512079	2.00	2.17	
104 Undecane	57	20.237	20.237	0.000	96	435741	2.00	1.87	
105 1,2-Dibromo-3-Chloropropane	157	20.439	20.439	0.000	94	257842	2.00	2.16	
106 1,2,4,5-Tetramethylbenzene	119	20.718	20.718	0.000	97	719589	2.00	2.06	
107 Dodecane	57	21.333	21.333	0.000	97	427805	2.00	1.83	
108 1,2,4-Trichlorobenzene	180	21.576	21.576	0.000	93	425798	2.00	2.06	
109 Naphthalene	128	21.700	21.700	0.000	99	780464	2.00	2.21	
110 Hexachlorobutadiene	225	21.855	21.855	0.000	89	592248	2.00	2.25	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	94	447269	2.00	2.33	
112 2-Methylnaphthalene	142	22.450	22.450	0.000	100	264338	2.00	2.24	
113 1-Methylnaphthalene	142	22.579	22.579	0.000	100	351418	2.00	2.19	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

40CV101P_00125

Amount Added: 100.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:51:30

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R.D

Injection Date: 10-Dec-2020 14:00:30

Instrument ID: MH

Operator ID: HMT

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 500.000 mL

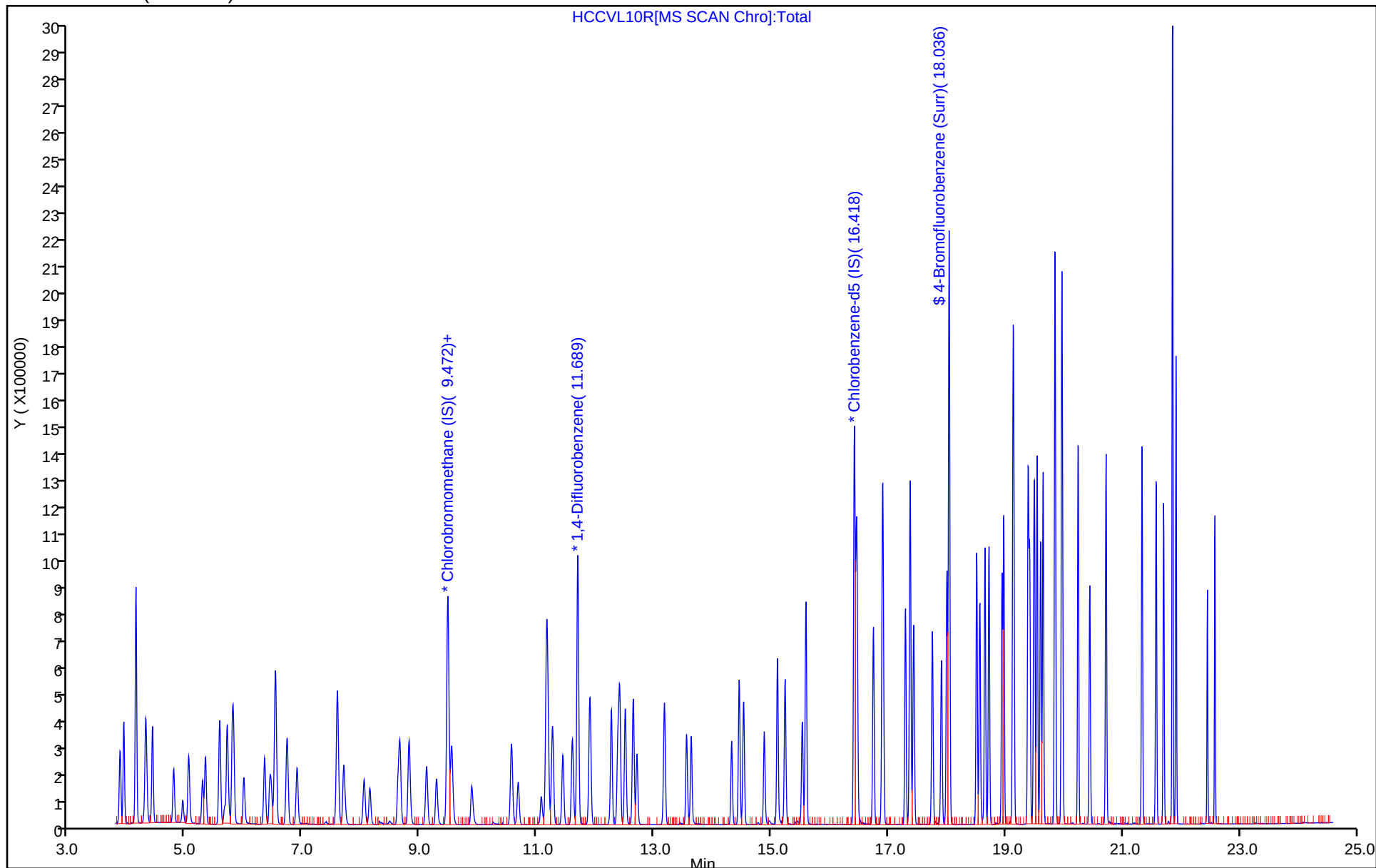
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R.D

Injection Date: 10-Dec-2020 14:00:30

Instrument ID: MH

Lims ID: CCVIS

Client ID:

Operator ID: HMT

ALS Bottle#:

5

Worklist Smp#: 2

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

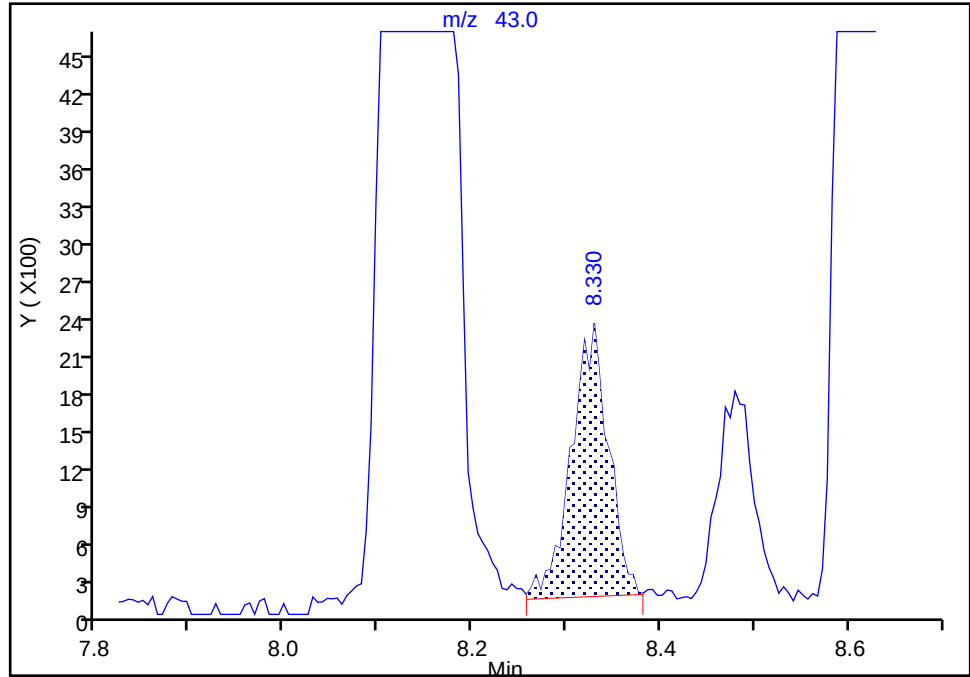
Detector: MS SCAN

38 Vinyl acetate, CAS: 108-05-4

Signal: 1

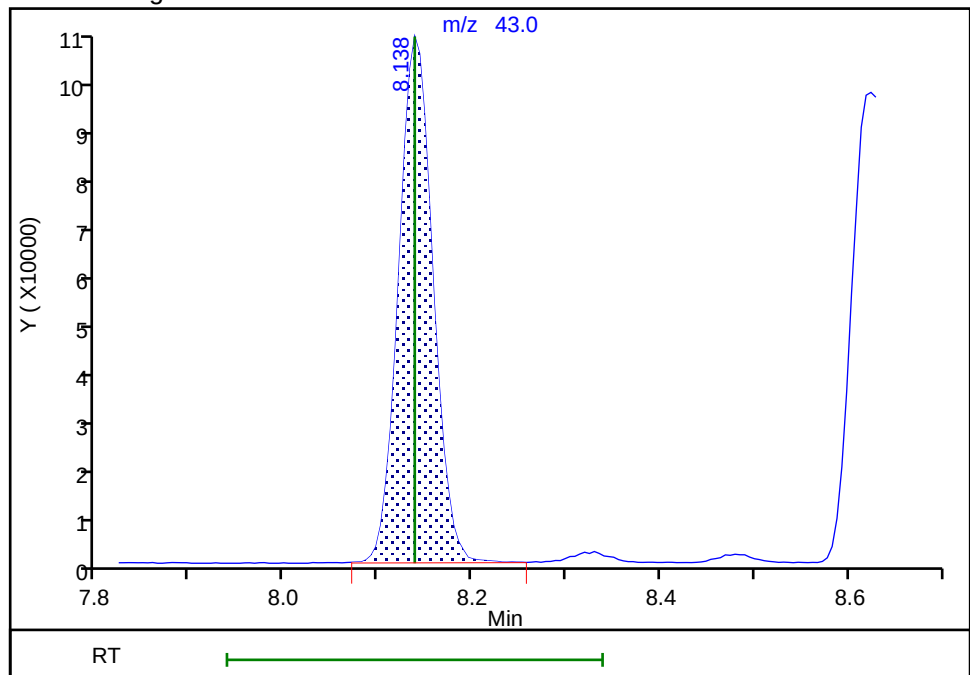
RT: 8.33
Area: 5881
Amount: 0.046685
Amount Units: ppb v/v

Processing Integration Results



RT: 8.14
Area: 262114
Amount: 2.080720
Amount Units: ppb v/v

Manual Integration Results



Reviewer: khachitpongpanits, 11-Dec-2020 10:45:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R.D

Injection Date: 10-Dec-2020 14:00:30

Instrument ID: MH

Lims ID: CCVIS

Client ID:

Operator ID: HMT

ALS Bottle#:

5

Worklist Smp#: 2

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

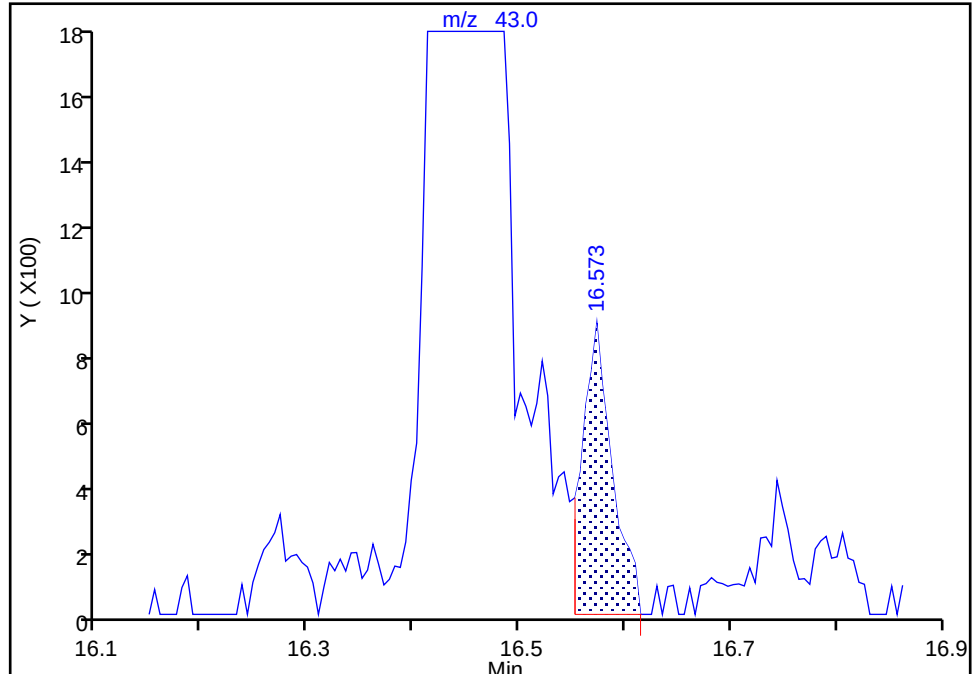
Detector: MS SCAN

75 2,3-Dimethylheptane, CAS: 3074-71-3

Signal: 1

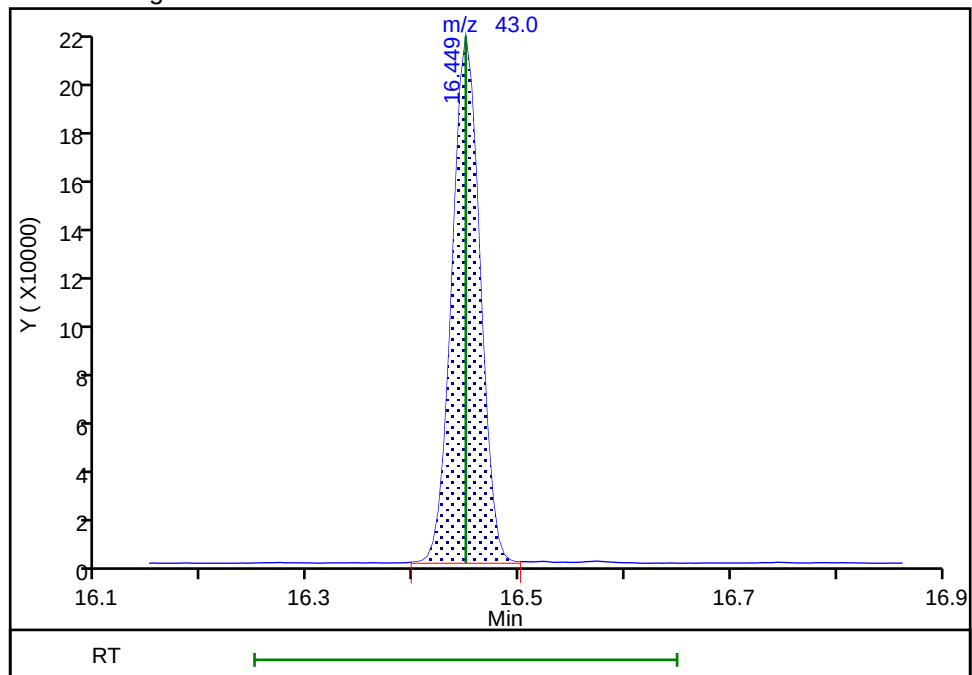
RT: 16.57
Area: 1717
Amount: 0.007687
Amount Units: ppb v/v

Processing Integration Results



RT: 16.45
Area: 395284
Amount: 1.769772
Amount Units: ppb v/v

Manual Integration Results



Reviewer: khachitpongpanits, 11-Dec-2020 10:48:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Knoxville

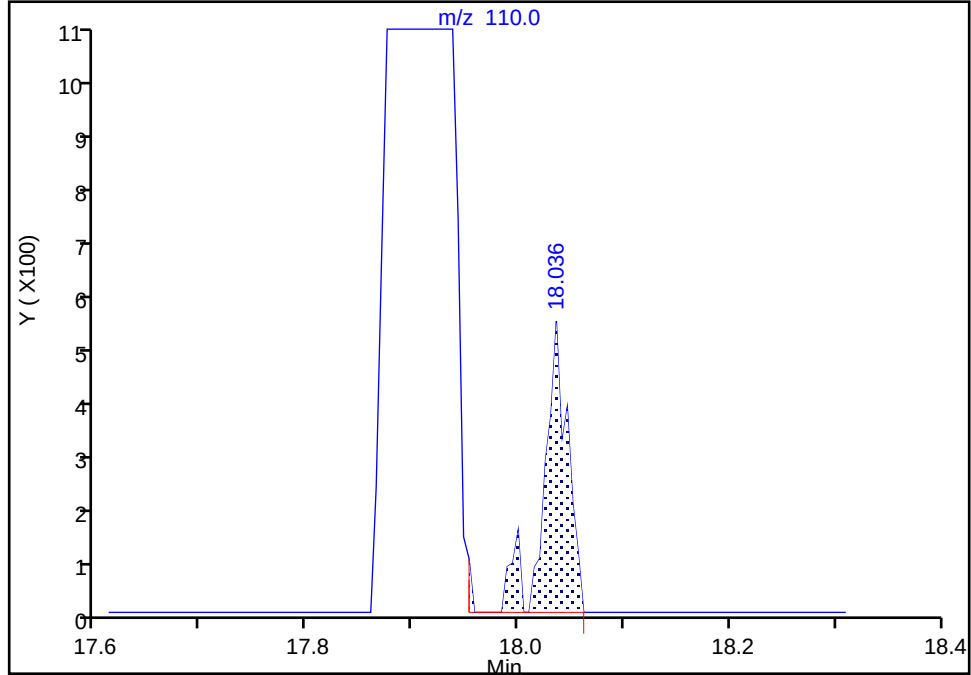
Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R.D
Injection Date: 10-Dec-2020 14:00:30 Instrument ID: MH
Lims ID: CCVIS
Client ID:
Operator ID: HMT ALS Bottle#: 5 Worklist Smp#: 2
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MH_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

83 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

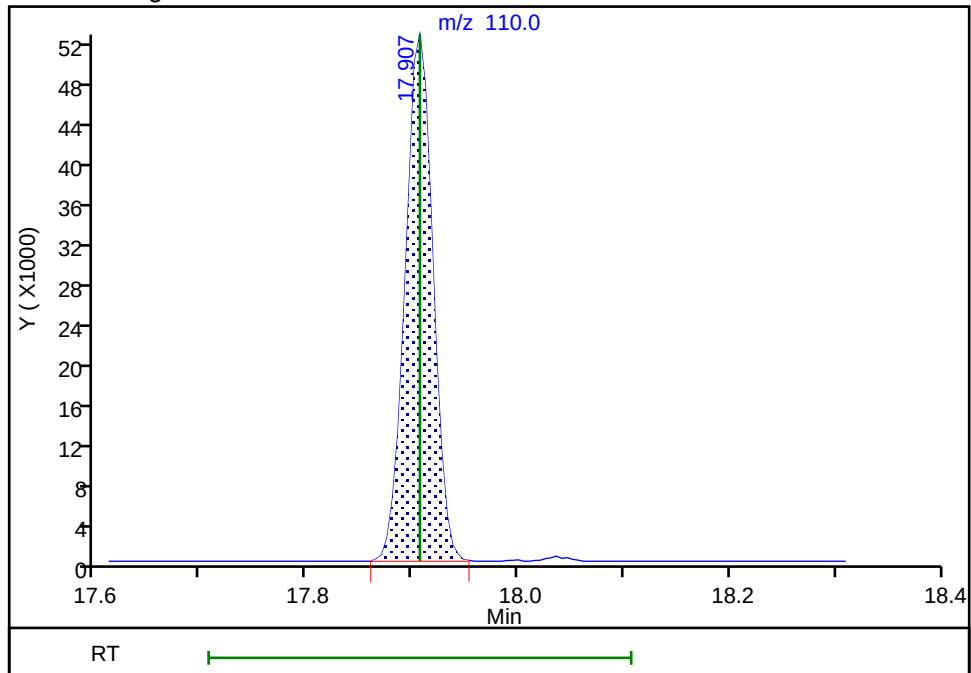
RT: 18.04
Area: 821
Amount: 0.015732
Amount Units: ppb v/v

Processing Integration Results



RT: 17.91
Area: 96042
Amount: 1.840394
Amount Units: ppb v/v

Manual Integration Results



Reviewer: khachitpongpanits, 11-Dec-2020 10:49:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HBFB18IC.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 18-Sep-2020 18:11:30 ALS Bottle#: 16 Worklist Smp#: 1
Injection Vol: 500.0 mL Dil. Factor: 1.0000
Sample Info: 140-0016664-001
Misc. Info.: BFB
Operator ID: AFB Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 19-Sep-2020 10:38:37 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1005

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags

\$ 5 BFB	95	4.906	4.906	0.000	0	689730	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

40MXBFB_00001

Amount Added: 40.00

Units: mL

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HBFB118IC.D

Injection Date: 18-Sep-2020 18:11:30

Instrument ID: MH

Lims ID: BFB

Client ID:

Operator ID: AFB

ALS Bottle#: 16

Worklist Smp#: 1

Injection Vol: 500.0 mL

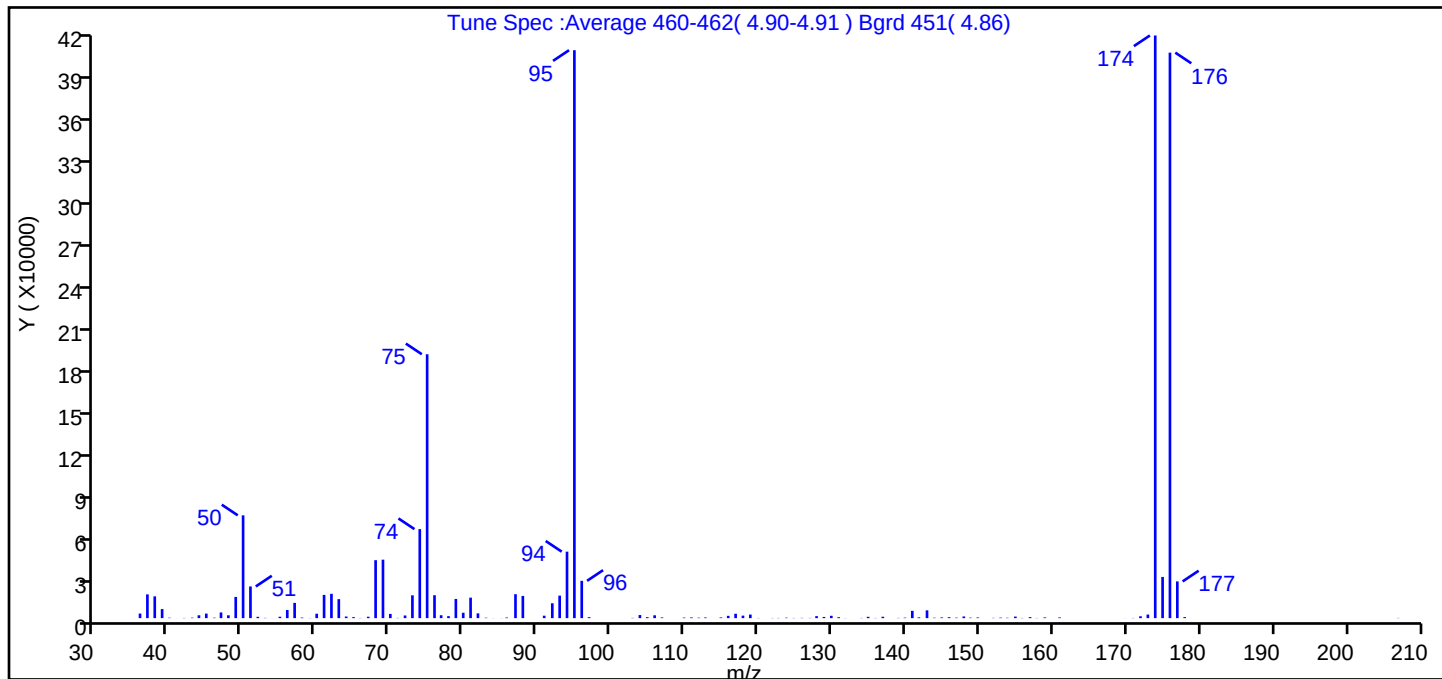
Dil. Factor: 1.0000

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Tune Method: BFB Method 8260

\$ 5 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	46.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.6 (0.6)
174	50 to 120% of m/z 95	102.6
175	5 to 9% of m/z 174	7.3 (7.1)
176	Greater than 95% but less than 101% of m/z 174	99.6 (97.1)
177	5 to 9% of m/z 176	6.5 (6.5)

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HBFB181C.D\MH_TO15.rsl\spectra.d
Injection Date: 18-Sep-2020 18:11:30
Spectrum: Tune Spec :Average 460-462(4.90-4.91) Bgrd 451(4.86)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 121

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3283	67.00	991	105.00	698	142.00	569
37.00	16936	68.00	41312	106.00	2033	143.00	5556
38.00	15533	69.00	41680	107.00	485	144.00	298
39.00	6460	70.00	2998	110.00	398	145.00	513
40.00	295	71.00	165	111.00	508	146.00	683
41.00	30	72.00	1894	112.00	330	147.00	342
42.00	158	73.00	16264	113.00	480	148.00	1200
43.00	334	74.00	63456	115.00	514	149.00	344
44.00	2039	75.00	188096	116.00	1644	150.00	476
45.00	3236	76.00	16344	117.00	3131	152.00	200
46.00	318	77.00	2067	118.00	1784	153.00	370
47.00	4056	78.00	1426	119.00	2561	154.00	266
48.00	2029	79.00	13681	120.00	124	155.00	1103
49.00	15131	80.00	3857	122.00	125	156.00	159
50.00	73264	81.00	14610	123.00	153	157.00	737
51.00	22584	82.00	3408	124.00	332	158.00	126
52.00	937	83.00	313	125.00	144	159.00	523
53.00	197	84.00	62	126.00	191	161.00	505
54.00	20	85.00	53	127.00	158	170.00	38
55.00	1009	86.00	448	128.00	1436	171.00	129
56.00	5784	87.00	17064	129.00	840	172.00	1326
57.00	10874	88.00	15826	130.00	1687	173.00	2567
58.00	422	91.00	1743	131.00	667	174.00	415296
59.00	86	92.00	10615	132.00	80	175.00	29368
60.00	3149	93.00	16046	134.00	133	176.00	403072
61.00	16560	94.00	47392	135.00	950	177.00	26184
62.00	17344	95.00	404800	136.00	136	178.00	743
63.00	13543	96.00	26592	137.00	990	207.00	158
64.00	1159	97.00	710	139.00	169		
65.00	716	103.00	190	140.00	356		
66.00	130	104.00	2212	141.00	5207		

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HBFB18IC.D

Injection Date: 18-Sep-2020 18:11:30

Instrument ID: MH

Operator ID: AFB

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 500.0 mL

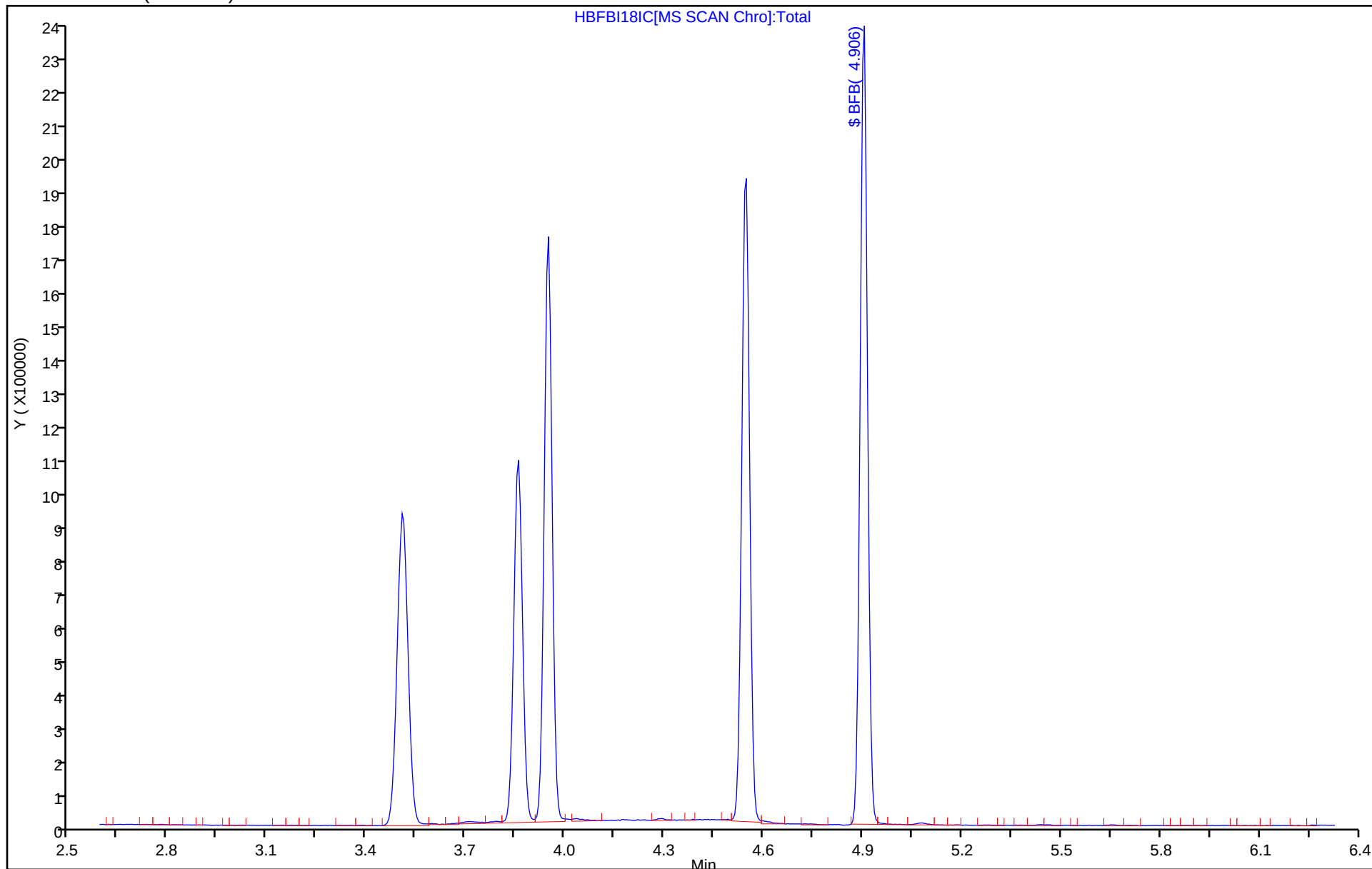
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HBFBL10B.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Dec-2020 11:45:30 ALS Bottle#: 16 Worklist Smp#: 1
Injection Vol: 500.0 mL Dil. Factor: 1.0000
Sample Info: 140-0017552-001
Misc. Info.: BFB
Operator ID: HMT Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 11-Dec-2020 10:40:25 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:40:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags

\$ 5 BFB	95	4.910	4.910	0.000	0	704021	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

40MXBFB_00001

Amount Added: 40.00

Units: mL

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HBFBL10B.D

Injection Date: 10-Dec-2020 11:45:30

Instrument ID: MH

Lims ID: BFB

Client ID:

Operator ID: HMT

ALS Bottle#: 16

Worklist Smp#: 1

Injection Vol: 500.0 mL

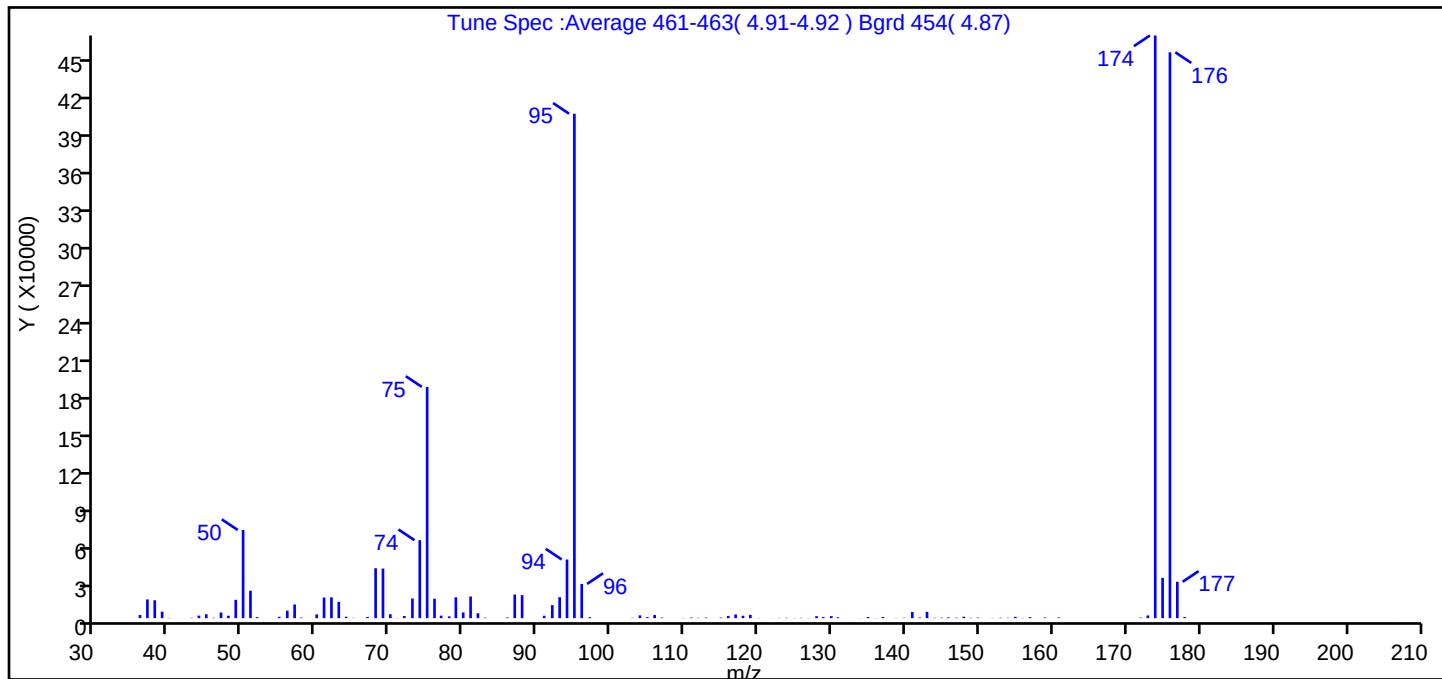
Dil. Factor: 1.0000

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Tune Method: BFB Method 8260

\$ 5 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	45.8
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.5 (0.5)
174	50 to 120% of m/z 95	115.5
175	5 to 9% of m/z 174	8.0 (6.9)
176	Greater than 95% but less than 101% of m/z 174	112.2 (97.1)
177	5 to 9% of m/z 176	7.2 (6.4)

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HBFB10B.D\MH_TO15.rslt\spectra.d
Injection Date: 10-Dec-2020 11:45:30
Spectrum: Tune Spec :Average 461-463(4.91-4.92) Bgrd 454(4.87)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 114

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2470	68.00	39736	106.00	2482	141.00	4840
37.00	14888	69.00	39480	107.00	433	142.00	477
38.00	14222	70.00	3098	110.00	166	143.00	5031
39.00	5152	71.00	143	111.00	482	144.00	286
40.00	171	72.00	1730	112.00	297	145.00	386
41.00	20	73.00	15649	113.00	451	146.00	619
42.00	65	74.00	62080	115.00	466	147.00	375
43.00	252	75.00	184064	116.00	1755	148.00	1153
44.00	1973	76.00	15474	117.00	2920	149.00	273
45.00	3083	77.00	1987	118.00	1877	150.00	432
46.00	313	78.00	1395	119.00	2616	152.00	163
47.00	4489	79.00	16616	120.00	155	153.00	330
48.00	1929	80.00	4560	122.00	64	154.00	262
49.00	14564	81.00	17216	123.00	180	155.00	1047
50.00	70144	82.00	3904	124.00	300	156.00	189
51.00	21832	83.00	360	125.00	163	157.00	804
52.00	819	86.00	521	126.00	226	158.00	29
53.00	41	87.00	18768	127.00	147	159.00	508
55.00	1059	88.00	18336	128.00	1561	161.00	519
56.00	5950	91.00	1906	129.00	851	172.00	431
57.00	10858	92.00	10372	130.00	1599	173.00	2139
58.00	445	93.00	16680	131.00	682	174.00	463808
60.00	2977	94.00	46688	132.00	30	175.00	32080
61.00	16408	95.00	401536	134.00	98	176.00	450432
62.00	16560	96.00	27240	135.00	933	177.00	28944
63.00	12964	97.00	763	136.00	133	178.00	868
64.00	1134	103.00	234	137.00	909	207.00	14
65.00	205	104.00	2212	139.00	116		
67.00	968	105.00	751	140.00	292		

Report Date: 11-Dec-2020 10:40:26

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HBFBL10B.D

Injection Date: 10-Dec-2020 11:45:30

Instrument ID: MH

Operator ID: HMT

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 500.0 mL

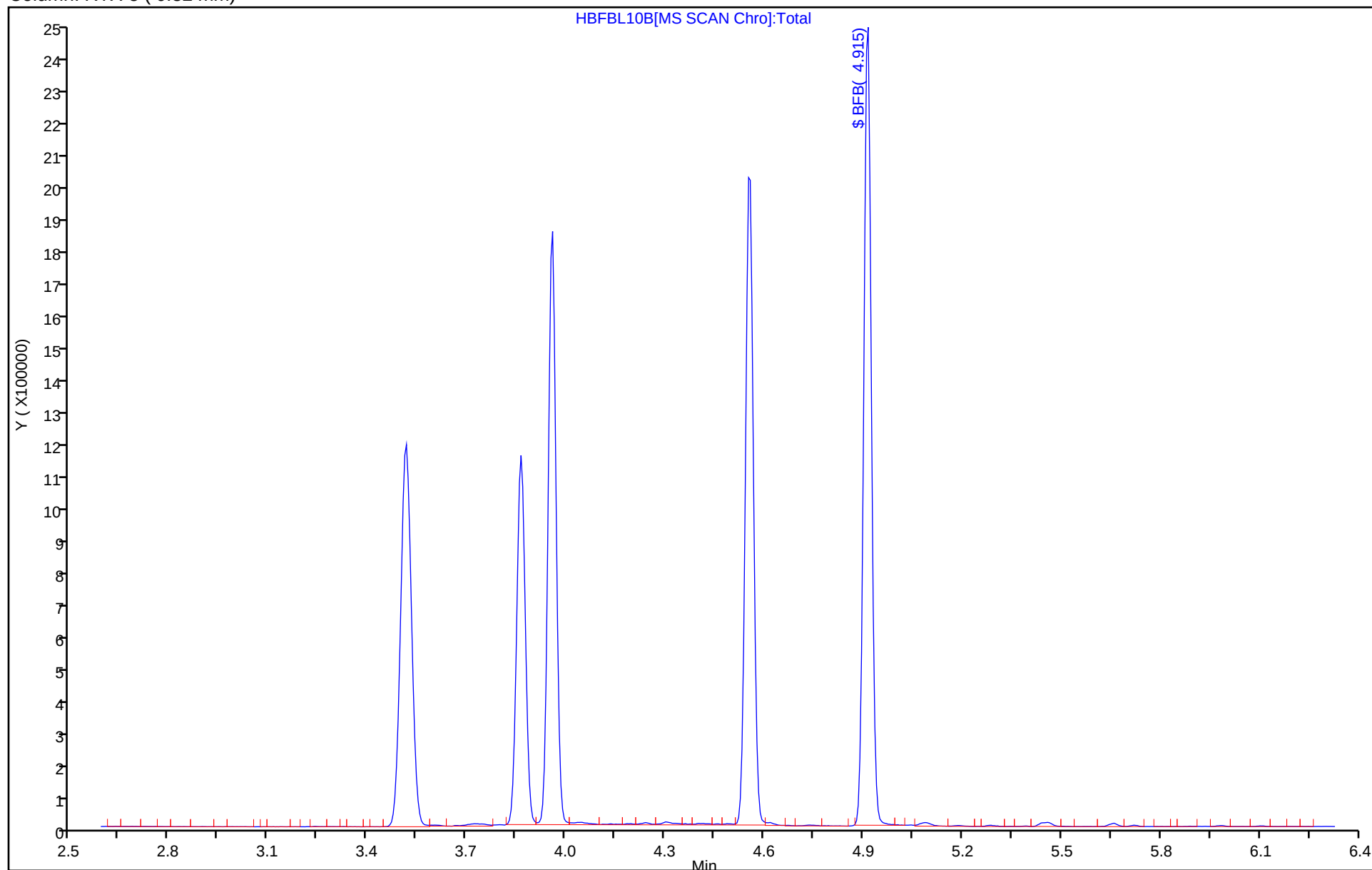
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 140-45176/4
 Matrix: Air Lab File ID: H500BL10.D
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 16:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.080	
75-34-3	1,1-Dichloroethane	98.96	ND		0.080	
75-35-4	1,1-Dichloroethene	96.94	ND		0.040	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.080	
106-93-4	1,2-Dibromoethane	187.87	ND		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.080	
107-06-2	1,2-Dichloroethane	98.96	ND		0.080	
78-87-5	1,2-Dichloropropane	112.99	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.080	
123-91-1	1,4-Dioxane	88.11	ND		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.20	
78-93-3	2-Butanone	72.11	ND		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.20	
71-43-2	Benzene	78.11	ND		0.080	
100-44-7	Benzyl chloride	126.58	ND		0.16	
75-27-4	Bromodichloromethane	163.83	ND		0.080	
75-25-2	Bromoform	252.75	ND		0.080	
74-83-9	Bromomethane	94.94	ND		0.080	
56-23-5	Carbon tetrachloride	153.81	ND		0.032	
108-90-7	Chlorobenzene	112.56	ND		0.080	
75-00-3	Chloroethane	64.52	ND		0.080	
67-66-3	Chloroform	119.38	ND		0.080	
74-87-3	Chloromethane	50.49	ND		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.040	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.080	
110-82-7	Cyclohexane	84.16	ND		0.20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 140-45176/4
 Matrix: Air Lab File ID: H500BL10.D
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 16:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		0.080	
75-71-8	Dichlorodifluoromethane	120.91	ND		0.080	
64-17-5	Ethanol	46.07	ND		2.0	
100-41-4	Ethylbenzene	106.17	ND		0.080	
87-68-3	Hexachlorobutadiene	260.76	ND		0.080	
110-54-3	Hexane	86.17	ND		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.16	
75-09-2	Methylene Chloride	84.93	ND		0.40	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		0.080	
91-20-3	Naphthalene	128.17	ND		0.20	
95-47-6	o-Xylene	106.17	ND		0.080	
100-42-5	Styrene	104.15	ND		0.080	
75-65-0	t-Butyl alcohol	74.12	ND		0.32	
127-18-4	Tetrachloroethene	165.83	ND		0.080	
108-88-3	Toluene	92.14	ND		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.080	
79-01-6	Trichloroethene	131.39	ND		0.036	
75-69-4	Trichlorofluoromethane	137.37	ND		0.080	
75-01-4	Vinyl chloride	62.50	ND		0.040	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		60-140

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 140-45176/4
 Matrix: Air Lab File ID: H500BL10.D
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 16:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	ND		0.44	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	ND		0.55	
79-00-5	1,1,2-Trichloroethane	133.41	ND		0.44	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	ND		0.61	
75-34-3	1,1-Dichloroethane	98.96	ND		0.32	
75-35-4	1,1-Dichloroethene	96.94	ND		0.16	
120-82-1	1,2,4-Trichlorobenzene	181.45	ND		0.59	
95-63-6	1,2,4-Trimethylbenzene	120.20	ND		0.39	
106-93-4	1,2-Dibromoethane	187.87	ND		0.61	
95-50-1	1,2-Dichlorobenzene	147.00	ND		0.48	
107-06-2	1,2-Dichloroethane	98.96	ND		0.32	
78-87-5	1,2-Dichloropropane	112.99	ND		0.37	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	ND		0.56	
108-67-8	1,3,5-Trimethylbenzene	120.20	ND		0.39	
541-73-1	1,3-Dichlorobenzene	147.00	ND		0.48	
106-46-7	1,4-Dichlorobenzene	147.00	ND		0.48	
123-91-1	1,4-Dioxane	88.11	ND		0.72	
540-84-1	2,2,4-Trimethylpentane	114.23	ND		0.93	
78-93-3	2-Butanone	72.11	ND		0.94	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	ND		0.82	
71-43-2	Benzene	78.11	ND		0.26	
100-44-7	Benzyl chloride	126.58	ND		0.83	
75-27-4	Bromodichloromethane	163.83	ND		0.54	
75-25-2	Bromoform	252.75	ND		0.83	
74-83-9	Bromomethane	94.94	ND		0.31	
56-23-5	Carbon tetrachloride	153.81	ND		0.20	
108-90-7	Chlorobenzene	112.56	ND		0.37	
75-00-3	Chloroethane	64.52	ND		0.21	
67-66-3	Chloroform	119.38	ND		0.39	
74-87-3	Chloromethane	50.49	ND		0.41	
156-59-2	cis-1,2-Dichloroethene	96.94	ND		0.16	
10061-01-5	cis-1,3-Dichloropropene	110.97	ND		0.36	
110-82-7	Cyclohexane	84.16	ND		0.69	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 140-45176/4
 Matrix: Air Lab File ID: H500BL10.D
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 16:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	ND		0.68	
75-71-8	Dichlorodifluoromethane	120.91	ND		0.40	
64-17-5	Ethanol	46.07	ND		3.8	
100-41-4	Ethylbenzene	106.17	ND		0.35	
87-68-3	Hexachlorobutadiene	260.76	ND		0.85	
110-54-3	Hexane	86.17	ND		0.70	
1634-04-4	Methyl tert-butyl ether	88.15	ND		0.58	
75-09-2	Methylene Chloride	84.93	ND		1.4	
179601-23-1	m-Xylene & p-Xylene	106.17	ND		0.35	
91-20-3	Naphthalene	128.17	ND		1.0	
95-47-6	o-Xylene	106.17	ND		0.35	
100-42-5	Styrene	104.15	ND		0.34	
75-65-0	t-Butyl alcohol	74.12	ND		0.97	
127-18-4	Tetrachloroethene	165.83	ND		0.54	
108-88-3	Toluene	92.14	ND		0.45	
156-60-5	trans-1,2-Dichloroethene	96.94	ND		0.32	
10061-02-6	trans-1,3-Dichloropropene	110.97	ND		0.36	
79-01-6	Trichloroethene	131.39	ND		0.19	
75-69-4	Trichlorofluoromethane	137.37	ND		0.45	
75-01-4	Vinyl chloride	62.50	ND		0.10	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		60-140

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\H500BL10.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 10-Dec-2020 16:53:30 ALS Bottle#: 16 Worklist Smp#: 4
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017552-004
 Misc. Info.: 500ML BLK
 Operator ID: HMT Instrument ID: MH
 Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 11-Dec-2020 10:53:47 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:53:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.441	9.472	-0.031	87	227083	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.679	11.689	-0.010	93	1013660	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.418	16.418	0.000	84	894437	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	18.036	18.036	0.000	95	551972	4.64	3.91	
7 Propene	41	3.875	3.880	-0.005	1	162		0.003771	7
88 1,3,5-Trimethylbenzene	120	18.718	18.718	0.000	1	280		0.0401	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\H500BL10.D

Injection Date: 10-Dec-2020 16:53:30

Instrument ID: MH

Operator ID: HMT

Lims ID: MB

Worklist Smp#: 4

Client ID:

Purge Vol: 500.000 mL

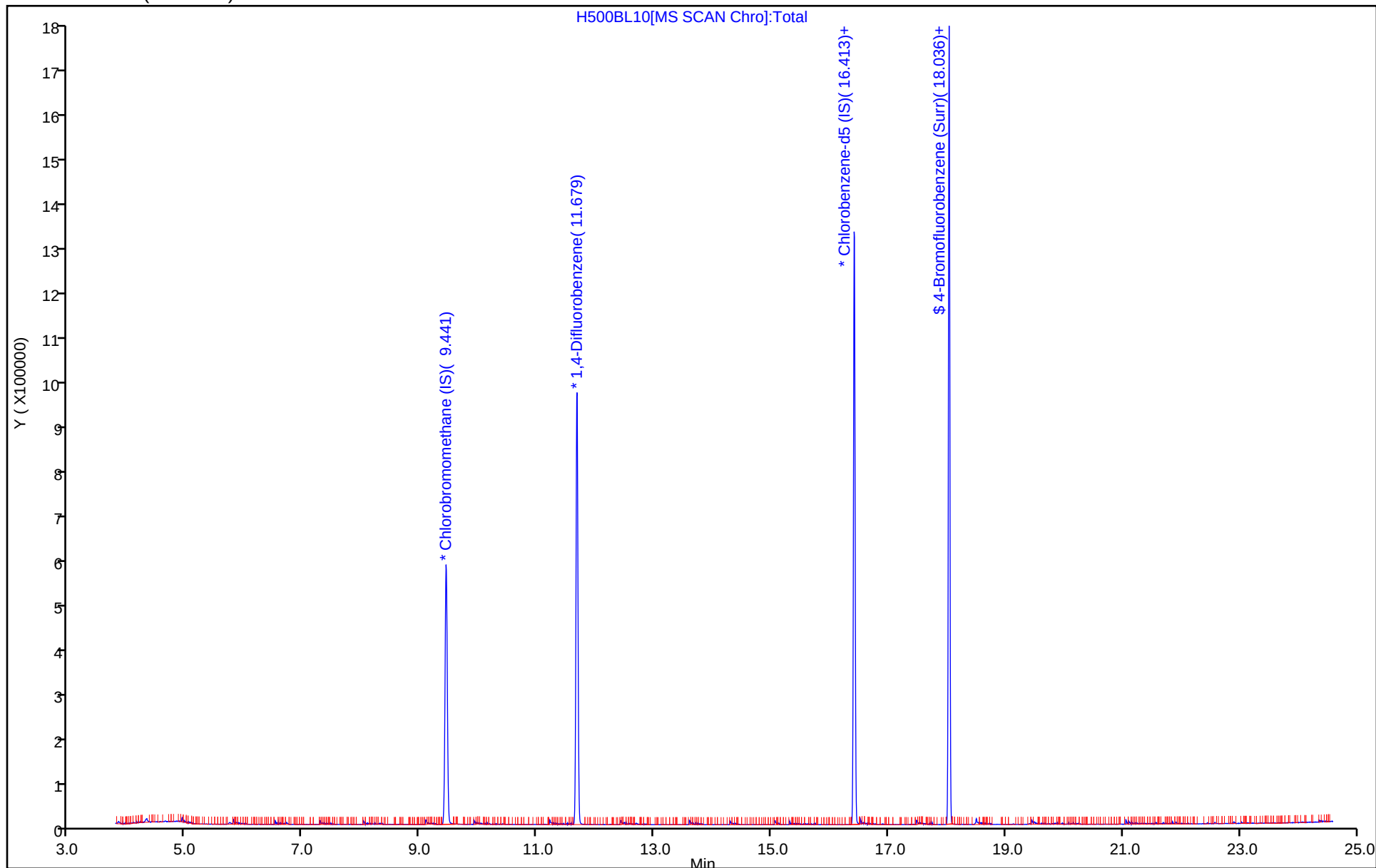
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville
Recovery Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\H500BL10.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Dec-2020 16:53:30 ALS Bottle#: 16 Worklist Smp#: 4
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 140-0017552-004
Misc. Info.: 500ML BLK
Operator ID: HMT Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 11-Dec-2020 10:53:47 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:53:47

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 4-Bromofluorobenzene (Surr)	4.64	3.91	84.34

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 140-45176/1002
 Matrix: Air Lab File ID: HCCVL10R-LCS.d
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 14:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	133.41	1.86		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	167.85	1.83		0.080	
79-00-5	1,1,2-Trichloroethane	133.41	1.79		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	187.38	2.20		0.080	
75-34-3	1,1-Dichloroethane	98.96	1.93		0.080	
75-35-4	1,1-Dichloroethene	96.94	2.09		0.040	
120-82-1	1,2,4-Trichlorobenzene	181.45	2.06		0.080	
95-63-6	1,2,4-Trimethylbenzene	120.20	2.12		0.080	
106-93-4	1,2-Dibromoethane	187.87	1.85		0.080	
95-50-1	1,2-Dichlorobenzene	147.00	1.95		0.080	
107-06-2	1,2-Dichloroethane	98.96	1.81		0.080	
78-87-5	1,2-Dichloropropane	112.99	1.93		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.57		0.080	
108-67-8	1,3,5-Trimethylbenzene	120.20	1.79		0.080	
541-73-1	1,3-Dichlorobenzene	147.00	1.92		0.080	
106-46-7	1,4-Dichlorobenzene	147.00	1.93		0.080	
123-91-1	1,4-Dioxane	88.11	2.31		0.20	
540-84-1	2,2,4-Trimethylpentane	114.23	2.06		0.20	
78-93-3	2-Butanone	72.11	2.09		0.32	
108-10-1	4-Methyl-2-pentanone (MIBK)	100.16	2.03		0.20	
71-43-2	Benzene	78.11	2.10		0.080	
100-44-7	Benzyl chloride	126.58	1.90		0.16	
75-27-4	Bromodichloromethane	163.83	1.96		0.080	
75-25-2	Bromoform	252.75	1.98		0.080	
74-83-9	Bromomethane	94.94	2.80		0.080	
56-23-5	Carbon tetrachloride	153.81	1.87		0.032	
108-90-7	Chlorobenzene	112.56	1.87		0.080	
75-00-3	Chloroethane	64.52	2.72		0.080	
67-66-3	Chloroform	119.38	1.90		0.080	
74-87-3	Chloromethane	50.49	2.41		0.20	
156-59-2	cis-1,2-Dichloroethene	96.94	2.02		0.040	
10061-01-5	cis-1,3-Dichloropropene	110.97	2.13		0.080	
110-82-7	Cyclohexane	84.16	2.06		0.20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 140-45176/1002
 Matrix: Air Lab File ID: HCCVL10R-LCS.d
 Analysis Method: TO 15 LL Date Collected: _____
 Sample wt/vol: 500 (mL) Date Analyzed: 12/10/2020 14:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 45176 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	
124-48-1	Dibromochloromethane	208.28	1.93		0.080	
75-71-8	Dichlorodifluoromethane	120.91	2.00		0.080	
64-17-5	Ethanol	46.07	11.8		2.0	
100-41-4	Ethylbenzene	106.17	2.03		0.080	
87-68-3	Hexachlorobutadiene	260.76	2.25		0.080	
110-54-3	Hexane	86.17	2.13		0.20	
1634-04-4	Methyl tert-butyl ether	88.15	1.97		0.16	
75-09-2	Methylene Chloride	84.93	2.04		0.40	
179601-23-1	m-Xylene & p-Xylene	106.17	4.08		0.080	
91-20-3	Naphthalene	128.17	2.21		0.20	
95-47-6	o-Xylene	106.17	2.01		0.080	
100-42-5	Styrene	104.15	2.24		0.080	
75-65-0	t-Butyl alcohol	74.12	1.95		0.32	
127-18-4	Tetrachloroethene	165.83	1.83		0.080	
108-88-3	Toluene	92.14	2.00		0.12	
156-60-5	trans-1,2-Dichloroethene	96.94	2.07		0.080	
10061-02-6	trans-1,3-Dichloropropene	110.97	1.92		0.080	
79-01-6	Trichloroethene	131.39	2.13		0.036	
75-69-4	Trichlorofluoromethane	137.37	2.11		0.080	
75-01-4	Vinyl chloride	62.50	2.55		0.040	

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		60-140

Eurofins Environment Testing America
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R-LCS.d
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 10-Dec-2020 14:00:30 ALS Bottle#: 5 Worklist Smp#: 1002
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017552-002
 Misc. Info.: P126 100ML
 Operator ID: HMT Instrument ID: MH
 Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 11-Dec-2020 10:51:29 Calib Date: 19-Sep-2020 06:37:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:51:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.472	9.472	0.000	89	232120	4.80	4.80	
* 2 1,4-Difluorobenzene	114	11.689	11.689	0.000	93	1049566	4.80	4.80	
* 3 Chlorobenzene-d5 (IS)	117	16.418	16.418	0.000	83	991182	4.80	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	18.036	18.036	0.000	96	678486	4.64	4.34	
6 Chlorodifluoromethane	51	3.864	3.864	0.000	96	199104	2.00	1.89	
7 Propene	41	3.880	3.880	0.000	98	81844	2.00	1.86	
8 Dichlorodifluoromethane	85	3.936	3.936	0.000	100	358901	2.00	2.00	
9 Chloromethane	52	4.138	4.138	0.000	98	34613	2.00	2.41	
10 1,2-Dichloro-1,1,2,2-tetrafluoro	135	4.143	4.143	0.000	96	326050	2.00	2.57	
11 Acetaldehyde	44	4.309	4.309	0.000	95	239233	10.0	14.4	
12 Vinyl chloride	62	4.329	4.329	0.000	99	126641	2.00	2.55	
14 Butadiene	54	4.427	4.427	0.000	73	89247	2.00	2.67	
13 Butane	43	4.427	4.427	0.000	83	153417	2.00	2.57	
15 Bromomethane	94	4.789	4.789	0.000	98	150124	2.00	2.80	
16 Chloroethane	64	4.944	4.944	0.000	97	55244	2.00	2.72	
17 Ethanol	31	5.042	5.042	0.000	93	239615	10.0	11.8	
18 Vinyl bromide	106	5.280	5.280	0.000	98	132542	2.00	2.21	
19 2-Methylbutane	43	5.332	5.332	0.000	90	118703	2.00	1.98	
20 Trichlorofluoromethane	101	5.575	5.575	0.000	100	352958	2.00	2.11	
21 Acrolein	56	5.585	5.585	0.000	92	34612	2.00	1.83	
22 Acetonitrile	40	5.663	5.663	0.000	99	47793	2.00	1.96	
23 Acetone	58	5.699	5.699	0.000	97	191770	6.00	7.22	
25 Isopropyl alcohol	45	5.792	5.792	0.000	95	442195	6.00	6.24	
24 Pentane	72	5.807	5.807	0.000	95	15984	2.00	2.14	
26 Ethyl ether	31	5.983	5.983	0.000	96	105276	2.00	1.70	
27 1,1-Dichloroethene	96	6.340	6.340	0.000	99	122963	2.00	2.09	
29 2-Methyl-2-propanol	59	6.428	6.428	0.000	94	163665	2.00	1.95	
28 Acrylonitrile	53	6.453	6.453	0.000	96	86606	2.00	2.09	
30 112TCTFE	101	6.526	6.526	0.000	96	299077	2.00	2.20	
31 Methylene Chloride	84	6.717	6.717	0.000	95	112342	2.00	2.04	
32 3-Chloro-1-propene	39	6.733	6.733	0.000	97	86946	2.00	1.82	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
33 Carbon disulfide	76	6.898	6.898	0.000	99	358177	2.00	2.17	
34 trans-1,2-Dichloroethene	96	7.580	7.580	0.000	99	126020	2.00	2.07	
35 2-Methylpentane	43	7.590	7.590	0.000	94	231403	2.00	2.00	
36 Methyl tert-butyl ether	73	7.694	7.694	0.000	96	251910	2.00	1.97	
37 1,1-Dichloroethane	63	8.040	8.040	0.000	100	211058	2.00	1.93	
38 Vinyl acetate	43	8.138	8.138	0.000	100	262114	2.00	2.08	a
39 2-Butanone (MEK)	72	8.619	8.619	0.000	97	55166	2.00	2.09	
40 Hexane	56	8.655	8.655	0.000	91	88318	2.00	2.13	
41 Isopropyl ether	45	8.810	8.810	0.000	97	376578	2.00	2.09	
42 cis-1,2-Dichloroethene	96	9.110	9.110	0.000	93	130157	2.00	2.02	
43 Ethyl acetate	43	9.281	9.281	0.000	99	254245	2.00	2.01	
44 Chloroform	83	9.477	9.477	0.000	96	274131	2.00	1.90	
45 Tert-butyl ethyl ether	59	9.534	9.534	0.000	97	309898	2.00	1.97	
46 Tetrahydrofuran	42	9.880	9.880	0.000	92	120404	2.00	1.99	
47 1,1,1-Trichloroethane	97	10.562	10.562	0.000	97	254210	2.00	1.86	
48 1,2-Dichloroethane	62	10.671	10.671	0.000	97	159422	2.00	1.81	
49 n-Butanol	31	11.069	11.069	0.000	86	38578	2.00	1.74	
50 Cyclohexane	69	11.157	11.157	0.000	87	52026	2.00	2.06	
51 Benzene	78	11.162	11.162	0.000	97	366223	2.00	2.10	
52 Carbon tetrachloride	117	11.183	11.183	0.000	98	256257	2.00	1.87	
53 2,3-Dimethylpentane	71	11.265	11.265	0.000	91	75099	2.00	2.09	
54 Thiophene	84	11.436	11.436	0.000	95	209664	2.00	2.02	
55 Isooctane	57	11.901	11.901	0.000	99	551185	2.00	2.06	
56 n-Heptane	71	12.268	12.268	0.000	91	114556	2.00	2.19	
57 1,2-Dichloropropane	63	12.376	12.376	0.000	93	143647	2.00	1.93	
58 Trichloroethene	130	12.407	12.407	0.000	97	189917	2.00	2.13	
59 Dibromomethane	93	12.500	12.500	0.000	93	183800	2.00	2.04	
61 1,4-Dioxane	88	12.630	12.630	0.000	85	62809	2.00	2.31	
60 Dichlorobromomethane	83	12.640	12.640	0.000	99	282169	2.00	1.96	
62 Methyl methacrylate	41	12.702	12.702	0.000	96	140392	2.00	1.91	
63 Methylcyclohexane	83	13.172	13.172	0.000	96	209339	2.00	1.95	
64 4-Methyl-2-pentanone (MIBK)	43	13.550	13.550	0.000	97	276828	2.00	2.03	
65 cis-1,3-Dichloropropene	75	13.632	13.632	0.000	93	210747	2.00	2.13	
66 trans-1,3-Dichloropropene	75	14.320	14.320	0.000	98	184240	2.00	1.92	
67 Toluene	91	14.449	14.449	0.000	93	456965	2.00	2.00	
68 1,1,2-Trichloroethane	83	14.526	14.526	0.000	96	149806	2.00	1.79	
69 2-Hexanone	58	14.878	14.878	0.000	92	137285	2.00	1.97	
70 n-Octane	85	15.105	15.105	0.000	93	129181	2.00	2.03	
71 Chlorodibromomethane	129	15.235	15.235	0.000	97	319066	2.00	1.93	
72 Ethylene Dibromide	107	15.529	15.529	0.000	99	284251	2.00	1.85	
73 Tetrachloroethene	129	15.591	15.591	0.000	96	185538	2.00	1.83	
75 2,3-Dimethylheptane	43	16.449	16.449	0.000	96	395284	2.00	1.77	a
74 Chlorobenzene	112	16.465	16.465	0.000	96	383973	2.00	1.87	
76 Ethylbenzene	91	16.744	16.744	0.000	98	602247	2.00	2.03	
77 m-Xylene & p-Xylene	91	16.904	16.904	0.000	97	944756	4.00	4.08	
78 n-Nonane	57	17.292	17.292	0.000	91	267068	2.00	2.07	
80 Styrene	104	17.369	17.369	0.000	97	357439	2.00	2.24	
79 Bromoform	173	17.374	17.374	0.000	94	385883	2.00	1.98	
81 o-Xylene	91	17.431	17.431	0.000	99	499555	2.00	2.01	
82 1,1,2,2-Tetrachloroethane	83	17.752	17.752	0.000	98	392127	2.00	1.83	
83 1,2,3-Trichloropropane	110	17.907	17.907	0.000	98	96042	2.00	1.84	a
84 Isopropylbenzene	105	18.000	18.000	0.000	95	676024	2.00	2.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ppb v/v	OnCol Amt ppb v/v	Flags
85 N-Propylbenzene	120	18.506	18.506	0.000	99	190714	2.00	2.04	
86 2-Chlorotoluene	126	18.563	18.563	0.000	97	185708	2.00	1.98	
87 4-Ethyltoluene	105	18.651	18.651	0.000	99	692833	2.00	2.14	
88 1,3,5-Trimethylbenzene	120	18.718	18.718	0.000	93	290715	2.00	1.79	
89 Alpha Methyl Styrene	118	18.940	18.940	0.000	90	289519	2.00	2.29	
90 n-Decane	57	18.971	18.971	0.000	90	365518	2.00	1.99	
91 tert-Butylbenzene	119	19.126	19.126	0.000	93	649752	2.00	2.06	
92 1,2,4-Trimethylbenzene	105	19.142	19.142	0.000	95	610815	2.00	2.12	
93 sec-Butylbenzene	105	19.385	19.385	0.000	99	895747	2.00	2.23	
94 1,3-Dichlorobenzene	146	19.416	19.416	0.000	95	438258	2.00	1.92	
95 Benzyl chloride	91	19.483	19.483	0.000	99	423605	2.00	1.90	
96 1,4-Dichlorobenzene	146	19.498	19.498	0.000	97	423136	2.00	1.93	
97 4-Isopropyltoluene	119	19.540	19.540	0.000	97	757390	2.00	2.11	
98 1,2,3-Trimethylbenzene	105	19.602	19.602	0.000	98	616007	2.00	2.13	
99 Butylcyclohexane	83	19.643	19.643	0.000	96	470351	2.00	1.99	
101 2,3-Dihydroindene	117	19.845	19.845	0.000	95	606022	2.00	2.22	
100 1,2-Dichlorobenzene	146	19.850	19.850	0.000	99	447583	2.00	1.95	
103 n-Butylbenzene	91	19.958	19.958	0.000	97	763990	2.00	2.16	
102 Indene	116	19.974	19.974	0.000	92	512079	2.00	2.17	
104 Undecane	57	20.237	20.237	0.000	96	435741	2.00	1.87	
105 1,2-Dibromo-3-Chloropropane	157	20.439	20.439	0.000	94	257842	2.00	2.16	
106 1,2,4,5-Tetramethylbenzene	119	20.718	20.718	0.000	97	719589	2.00	2.06	
107 Dodecane	57	21.333	21.333	0.000	97	427805	2.00	1.83	
108 1,2,4-Trichlorobenzene	180	21.576	21.576	0.000	93	425798	2.00	2.06	
109 Naphthalene	128	21.700	21.700	0.000	99	780464	2.00	2.21	
110 Hexachlorobutadiene	225	21.855	21.855	0.000	89	592248	2.00	2.25	
111 1,2,3-Trichlorobenzene	180	21.912	21.912	0.000	94	447269	2.00	2.33	
112 2-Methylnaphthalene	142	22.450	22.450	0.000	100	264338	2.00	2.24	
113 1-Methylnaphthalene	142	22.579	22.579	0.000	100	351418	2.00	2.19	
A 115 C8 Range	1	15.105	(15.054-15.157)		0	1186965	2.00	2.04	
S 116 Xylenes, Total	100				0		6.00	6.08	
S 117 1,2-Dichloroethene, Total	1				0		4.00	4.09	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

40CV101P_00125

Amount Added: 100.00

Units: mL

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 11-Dec-2020 10:51:32

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins Environment Testing America

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R-LCS.d

Injection Date: 10-Dec-2020 14:00:30

Instrument ID: MH

Operator ID: HMT

Lims ID: LCS

Worklist Smp#: 1002

Client ID:

Purge Vol: 500.000 mL

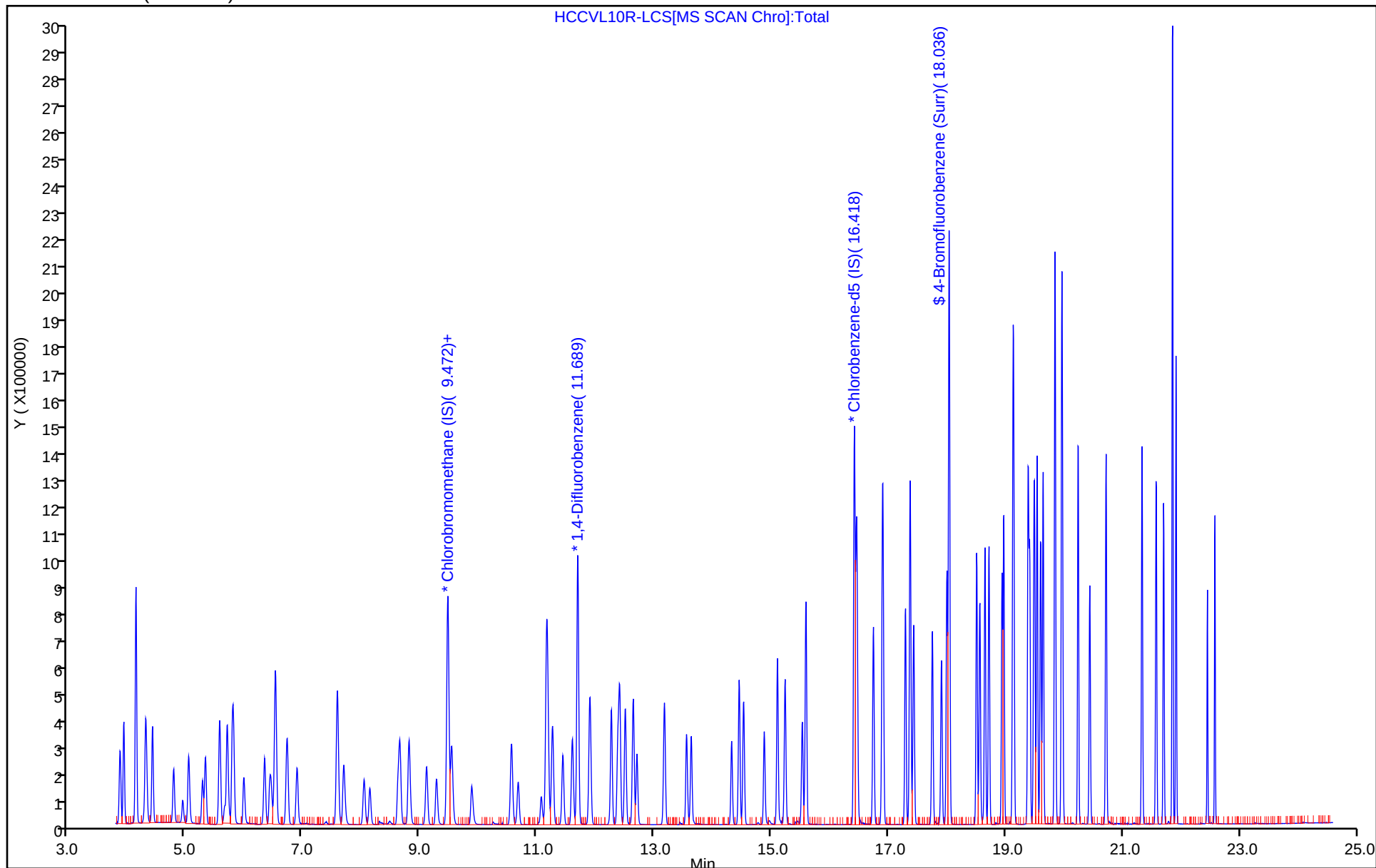
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: MH_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins Environment Testing America
Recovery Report

Data File: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\HCCVL10R-LCS.d
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Dec-2020 14:00:30 ALS Bottle#: 5 Worklist Smp#: 1002
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Sample Info: 140-0017552-002
Misc. Info.: P126 100ML
Operator ID: HMT Instrument ID: MH
Method: \\chromfs\Knoxville\ChromData\MH\20201208-17552.b\MH_TO15.m
Limit Group: MSA TO14A_15 Routine ICAL
Last Update: 11-Dec-2020 10:51:29 Calib Date: 19-Sep-2020 06:37:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\MH\20200918-16664.b\HI18IC07.D
Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: khachitpongpanits

Date: 11-Dec-2020 10:51:29

Compound	Amount Added	Amount Recovered	% Rec.
\$ 4 4-Bromofluorobenzene (Surr)	4.64	4.34	93.55

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1

SDG No.: _____

Instrument ID: MH Start Date: 09/18/2020 18:11Analysis Batch Number: 42917 End Date: 09/19/2020 08:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 140-42917/1		09/18/2020 18:11	1	HBFB18IC.D	RTX-5 0.32 (mm)
IC 140-42917/3		09/18/2020 19:41	1	HI18IC10.D	RTX-5 0.32 (mm)
IC 140-42917/5		09/18/2020 21:36	1	HI18IC09.D	RTX-5 0.32 (mm)
IC 140-42917/7		09/18/2020 23:24	1	HI18IC08.D	RTX-5 0.32 (mm)
IC 140-42917/9		09/19/2020 01:11	1	HI18IC01.D	RTX-5 0.32 (mm)
IC 140-42917/10		09/19/2020 02:05	1	HI18IC02.D	RTX-5 0.32 (mm)
IC 140-42917/11		09/19/2020 03:00	1	HI18IC03.D	RTX-5 0.32 (mm)
IC 140-42917/12		09/19/2020 03:55	1	HI18IC04.D	RTX-5 0.32 (mm)
IC 140-42917/13		09/19/2020 04:49	1	HI18IC05.D	RTX-5 0.32 (mm)
IC 140-42917/14		09/19/2020 05:43	1	HI18IC06.D	RTX-5 0.32 (mm)
ICIS 140-42917/15		09/19/2020 06:37	1	HI18IC07.D	RTX-5 0.32 (mm)
ICV 140-42917/17		09/19/2020 08:25	1	HI18ICV.D	RTX-5 0.32 (mm)

Eurofins/TestAmerica Knoxville GC/MS Air - Initial Calibration Data Review Checklist
Methods: TO-14 and TO-15 - KNOX-MS-0001, Rev 20 & KNOX-MS-0023, Rev 4

Analysis Date:	9/18/20	Instrument:	MH	Chrom WL #:	16664	TALS Batch & Event #	TO14/15: 42917 /2638		DOD5: 42918/2639				
							DOD: 42920 / 2641		OHIO: 42919/2640				
Chrom/Worklist Review							1 st	Comments			2 nd		
1. Re-read each Limit Group [method editor-limit groups]											na		
2. Verify LODV in Chrom [method editor -> edit -> MDL]											na		
3. Are the reagents and init/final volumes correct and first level "unlock/clear"? (Verify reagents & amt. injected at each level) [WL Sample Reagents Tab vs. Entech]											Y		
4. Files linked properly to calibration levels? [Sample List- Lab ID vs. Info]											Y		
5. Did BFB meet tune criteria? [F8]											Y		
6. Were all standards injected within 24 hr of BFB? [F7]											Y		
7. High point checked for saturation and point removed if so? [Chrom]											Y		
8. If manual integrations performed, are they properly performed, correct, baseline clearly identified, and correct reason given? [Chrom]											NA		
9. RT for each IS +20 sec avg. RT? [F6 IstdRec]											Y		
10. Area for each IS + 40% avg. area? [F6 IstdRec]											Y		
11. Each analyte + 0.06 RRT of avg. RRT? [F6 - RRT]											Y		
12. Elution order checked on isomeric pairs? [Chrom]													
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane											Y		
• 2-methyl butane / acrolein											Y		
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane											Y		
• vinyl acetate / hexane											Y		
• cis- and trans- isomers											Y		
• ethyl benzene / m/p-xylene / o-xylene											Y		
• n-propylbenzene/4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene/ sec-butylbenzene/1,2,3-trimethylbenzene											Y		
• tert-butylbenzene/4-isopropyltoluene											Y		
• 1,3-, 1,4-, and 1,2-dichlorobenzene											Y		
• 1,2-dimethyl-4-ethylbenzene/1,2,4,5-, 1,2,3,5-, and 1,2,3,4-tetramethylbenzenes											Y		
• 1,2,4- and 1,2,3-trichlorobenzenes											Y		
• 2-, and 1-methylnaphthalene											Y		
13. "Range" analytes & internal standard RIC ID'd correctly, inspected for interferences & proper integration?											Y		
MLG Review							TO	DOD	OH	Comments	TO-	DOD	OH
14. Is %RSD for all target analytes ≤ 30%? (with up to 2 compounds with RSD ≤ 40%) 1& 2 methylnaphthalene ≤ 50% [F6 Σ]											Y	Y	Y
15. Were at least 5 levels of each compound analyzed? [F6]											Y	Y	Y
16. Is low level std at or <RL and are the remaining points consec.? [F6]											Y	Y	Y
17. At least 6 consec. points used for quad curves; at least 5 consec. points for linear curves? (Note: Ohio does not allow quad) [F6]											Y	Y	Y
18. If curves were used, is correlation coefficient ≥0.990? [F6]											Y	Y	Y
19. Is the intercept less than the RL for each curve? [F6]											Y	Y	Y
20. For quadratic: is a tangent's slope to the curve entirely positive or negative and continuous. [Cntrl-C, details]									na		NA	NA	na
21. Is low point RSE ≤ 50 %? [F6]											Y	Y	Y
22. Is the second source analysis within limits? [F8 - icv]											Y	Y	Y
Analyst/Date:							2nd Level Reviewer/Date: LL 9/21/20						
TALS Review							TO	DOD	OH	Comments	TO	DOD	OH
23. Upload ICAL											na	na	na
24. Graphics uploaded? [paperclip]											Y	Y	Y
25. All points are in the most recent active calibration event? [Calibration Events – 'Fix ICAL linkage' if needed]											Y	Y	Y
26. Runs linked to BFB? [QC Links]											Y	Y	Y
27. Run Checklist and acknowledge findings [F8]											Y	Y	Y
28. If criteria not met, was a NCM generated?											NA	NA	NA
29. After review in TALS, approve the method in TALS.							na	na	na		Y	Y	Y
30. After verifying TALS is correct, lock method in Chrom <resolve any error issues>							na	na	na		Y	Y	Y
31. Checklist & Entech report scanned, attached & assigned properly?							na	na	na		Y	Y	Y
Analyst/date:							2nd Level Reviewer/date: LL 9/21/20						
Comments:							Comments:						

Eurofins/TestAmerica Knoxville GC/MS Air - Initial Calibration Data Review Checklist
Methods: TO-14 and TO-15 - KNOX-MS-0001, Rev 21 & KNOX-MS-0023, Rev 4

Analysis Date:	9/18/20	Instrument:	UH	Chrom WL #:	16664	TALS Batch & Event #	TO14/15: 2638 / 42917	DOD: 2644 / 42920	OHIO: 2640 / 42919	
Chrom/Worklist Review							1 st	2641 9/19/20	Comments	
1. Re-read each Limit Group [method editor-limit groups]							/		na	
2. Verify LODV in Chrom [method editor -> edit -> MDL]							/		na	
3. Are the reagents and init/final volumes correct and first level "unlock/clear"? (Verify reagents & amt. injected at each level) [WL Sample Reagents Tab vs. Entech]							/			
4. Files linked properly to calibration levels? [Sample List- Lab ID vs. Info]							/			
5. Did BFB meet tune criteria? [F8]							/			
6. Were all standards injected within 24 hr of BFB? [F7]							/			
7. High point checked for saturation and point removed if so? [Chrom]							/			
8. If manual integrations performed, are they properly performed, correct, baseline clearly identified, and correct reason given? [Chrom]							/			
9. RT for each IS +20 sec avg. RT? [F6 IstdRec]							/			
10. Area for each IS + 40% avg. area? [F6 IstdRec]							/			
11. Each analyte + 0.06 RRT of avg. RRT? [F6 - RRT]							/			
12. Elution order checked on isomeric pairs? [Chrom]							/			
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane							/			
• 2-methyl butane / acrolein							/			
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane							/			
• vinyl acetate / hexane							/			
• cis- and trans- isomers							/			
• ethyl benzene / m/p-xylene / o-xylene							/			
• n-propylbenzene/4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene/ sec-butylbenzene/1,2,3-trimethylbenzene							/			
• tert-butylbenzene/4-isopropyltoluene							/			
• 1,3-, 1,4-, and 1,2-dichlorobenzene							/			
• 1,2-dimethyl-4-ethylbenzene/1,2,4,5-, 1,2,3,5-, and 1,2,3,4-tetramethylbenzenes							/	14 ICC		
• 1,2,4- and 1,2,3-trichlorobenzenes							/			
• 2-, and 1-methylnaphthalene							/			
13. "Range" analytes & internal standard RIC ID'd correctly, inspected for interferences & proper integration?							/			
MLG Review							TO	DOD	OH	
14. Is %RSD for all target analytes ≤ 30%? (with up to 2 compounds with RSD ≤ 40%) 1 & 2 methylnaphthalene ≤ 50% [F6 Σ]							/	/	/	
15. Were at least 5 levels of each compound analyzed? [F6]							/	/	/	
16. Is low level std at or <RL and are the remaining points consec.? [F6]							/	/	/	
17. At least 6 consec. points used for quad curves; at least 5 consec. points for linear curves? (Note: Ohio does not allow quad) [F6]							/	/	/	
18. If curves were used, is correlation coefficient ≥ 0.990? [F6]							/	/	/	
19. Is the intercept less than the RL for each curve? [F6]							/	/	/	
20. For quadratic: is a tangent's slope to the curve entirely positive or negative and continuous. [Cntrl-C, details]							na	na	na	
21. Is low point RSE ≤ 50 %? [F6]							/	/	/	
22. Is the second source analysis within limits? [F8 - icv]							/	/	/	
Analyst/Date:							2nd Level Reviewer/Date:			
TALS Review							TO	DOD	OH	
23. Upload ICAL							/	/	/	
24. Graphics uploaded? [paperclip]							/	/	/	
25. All points are in the most recent active calibration event? [Calibration Events - "Fix ICAL linkage" if needed]							/	/	/	
26. Runs linked to BFB? [QC Links]							/	/	/	
27. Run Checklist and acknowledge findings [F8]							/	/	/	
28. If criteria not met, was a NCM generated?							na	na	na	
29. After review in TALS, approve the method in TALS.							na	na	na	
30. After verifying TALS is correct, lock method in Chrom <resolve any error issues>							na	na	na	
31. Checklist & Entech report scanned, attached & assigned properly?							na	na	na	
Analyst/date:							2nd Level Reviewer/date:			
Comments:							Comments:			

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1

SDG No.: _____

Instrument ID: MH Start Date: 12/10/2020 11:45Analysis Batch Number: 45176 End Date: 12/11/2020 02:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 140-45176/1		12/10/2020 11:45	1	HBFB10B.D	RTX-5 0.32 (mm)
CCVIS 140-45176/2		12/10/2020 14:00	1	HCCVL10R.D	RTX-5 0.32 (mm)
LCS 140-45176/1002		12/10/2020 14:00	1	HCCVL10R-LCS.d	RTX-5 0.32 (mm)
MB 140-45176/4		12/10/2020 16:53	1	H500BL10.D	RTX-5 0.32 (mm)
ZZZZZ		12/10/2020 17:46	1		RTX-5 0.32 (mm)
ZZZZZ		12/10/2020 19:33	1		RTX-5 0.32 (mm)
ZZZZZ		12/10/2020 20:23	1		RTX-5 0.32 (mm)
ZZZZZ		12/10/2020 21:14	62.45		RTX-5 0.32 (mm)
ZZZZZ		12/10/2020 22:57	34.16		RTX-5 0.32 (mm)
140-21261-1	SVE - INF	12/10/2020 23:49	3.08	HL10P106.D	RTX-5 0.32 (mm)
140-21261-2	SVE - EFF	12/11/2020 00:40	3.06	HL10P107.D	RTX-5 0.32 (mm)
ZZZZZ		12/11/2020 01:41	1		RTX-5 0.32 (mm)
ZZZZZ		12/11/2020 02:44	1		RTX-5 0.32 (mm)

Eurofins/TestAmerica Knoxville GC/MS Air - Batch Data Review Checklist
Methods: TO-14 and TO-15 - KNOX-MS-0001, Rev 21 & KNOX-MS-0023, Rev 5

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Instrument/Date	MH 12/10/2020		Routine	DOD	OHIO VAP
CCAL Chrom WL #	17552	CCAL Batch #	45176		
ICAL Chrom WL #	16664	ICAL Batch # / Event #	42917 / 2638	/	/

Chrom Review	1st	If No, why is data reportable?	2nd
1. Are the reagents & init/final volumes correct? (Verify reagents & amt. injected) [WL Sample Reagent Tab]	/		na
2. Did BFB meet tune criteria? [F8]	/	☐ [Failed TO-14A, but passes TO-15]	
3. Was the CCAL compared to the most recent & correct ICAL (correct last ICAL File batch #/start/end Cal date/time)? [F8]	/	List Target analytes outside CCV limits: <u>Chloroethane, Butadiene, Bromomethane</u>	
4. Elution order checked on isomeric pairs? [Chrom]			
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane	/		
• 2-methyl butane / acrolein	/		
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane	/		
• vinyl acetate / hexane	/		
• cis- and trans- isomers	/		
• ethyl benzene / m/p-xylene / o-xylene	/		
• n-propylbenzene/4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene/sec-butylbenzene/1,2,3-trimethylbenzene	/		
• tert-butylbenzene/4-isopropyltoluene	/		
• 1,3-, 1,4-, and 1,2-dichlorobenzene	/		
• 1,2-dimethyl-4-ethylbenzene/1,2,4,5-, 1,2,3,5-, and 1,2,3,4-tetramethylbenzenes	NA		
• 1,2,4-trichlorobenzene/1,2,3-trichlorobenzene	/		
• 2-, and 1-methylnaphthalene	/		
5. "Range" analytes & internal standard RIC ID'd correctly, inspected for interferences & proper integration?	/		
6. Has the RT been updated to the method?	/		
Analyst/date	Suphawann 12/11/2020		2nd Level Reviewer/date
7. Has the vol injected been verified vs Entech & corrected if actual amount differs >5%? [WL Sample Info: init amt = sample amt; final amt = 500 mL]	/		
8. Do the lab ID, Info 1 and Dilution Factor columns correlate in Chrom? [Sample List - Lab ID vs. Info 1 vs. Dilution]	/		
9. Can dilution history verified? [Mgmt Report]	/		
10. Are all analytes present in the system blank < RL? (<1/2 RL for DoD). If no, list blank ID:	/	☐ Method Blank – Report, ND (NCM# _____) ☐ Method Blank – Report, 10X (NCM# _____)	
11. All runs - peaks ID'd correctly and false positives removed?	/		
12. If manual integrations performed, are they properly performed, baseline clearly identified, and correct reason given?	/		
13. IS/Surr within limits? List samples and reason (e.g., 1 thru 5): [Batch Results IS & SUR Tab]	/	☐ (1) Surrogate – Matrix (NCM# _____) ☐ (2) Surrogate – High, ND (NCM# _____) ☐ (3) ISTD – RA/RA Concur (NCM# _____) ☐ (4) Surrogate –RX concur, Report both (NCM# _____) ☐ (5) ISTD – Matrix, DL required (NCM# _____)	
Sample Reason Sample Reason			
14. Samples outside calibration range scheduled for dilution?	/	☐ ICAL – Range Exceeded; Minimum Dilution	
Chrom Review	1st	If No, why is data reportable?	2nd
15. For first analysis that is at a dilution, is highest target analyte >20% cal range? List samples and reason:	/	☐ (1) Reporting Limit – Dilution, Matrix (NCM# _____) ☐ (2) Reporting Limit – Dilution, Non-Target (NCM# _____) ☐ (3) Issues with initial collection volume; see DRC.	
Sample Reason Sample Reason			
16. RIC inspected for proper integration for TPH?	/		
17. Obvious non-TPH peaks excluded?	/		
18. Individual TPH peak area < octane high point area?	/		

Page 2 of 2

Analyst: <u>Suphansorn Ph.</u>	Date: <u>12/11/2020</u>	2nd Level Reviewer :	Date:
Comments:		Comments:	
<u>Cl acetone line 20</u>			
Example Calculation: <u>140 - 21258 - 1</u> <u>Hexane</u> On-column ppbv x Final Vol (mL)/Entech Initial Vol (mL) x Canister Dilution Log DF <u>12,52938</u> x <u>500/20</u> x <u>34.16</u> = <u>10700</u>			

Eurofins/TestAmerica Knoxville GC/MS Air - Batch Data Review Checklist
Methods: TO-14 and TO-15 - KNOX-MS-0001, Rev 20 & KNOX-MS-0023, Rev 4

Page 1 of 2

Instrument/Date	MH 12/10/20		Routine	DOD	OHIO VAP
CCAL Chrom WL #	17552	CCAL Batch #	45176		
ICAL Chrom WL #	16664	ICAL Batch # / Event #	42917 /2638		
Chrom Review			1st	If No, why is data reportable?	2nd
1. Are the reagents & init/final volumes correct? (Verify reagents & amt. injected) [WL Sample Reagent Tab]					na
2. Did BFB meet tune criteria? [F8]				☐ [Failed TO-14A, but passes TO-15]	Y
3. Was the CCAL compared to the most recent & correct ICAL (correct last ICal File batch #/start/end Cal date/time)? [F8]				List Target analytes outside CCV limits: _____ _____	Y
4. Elution order checked on isomeric pairs? [Chrom]					
• dichlorodifluoromethane / 1,2-dichlorotetrafluoroethane					Y
• 2-methyl butane / acrolein					Y
• trichlorofluoromethane / 1,1,2-trichlorotrifluoroethane					Y
• vinyl acetate / hexane					Y
• cis- and trans- isomers					Y
• ethyl benzene / m/p-xylene / o-xylene					Y
• n-propylbenzene/4-ethyl toluene/1,3,5-trimethylbenzene/1,2,4-trimethylbenzene/sec-butylbenzene/1,2,3-trimethylbenzene					Y
• tert-butylbenzene/4-isopropyltoluene					Y
• 1,3- , 1,4- , and 1,2-dichlorobenzene					Y
• 1,2-dimethyl-4-ethylbenzene/1,2,4,5-, 1,2,3,5-, and 1,2,3,4-tetramethylbenzenes					NA
• 1,2,4-trichlorobenzene/1,2,3-trichlorobenzene					Y
• 2-, and 1-methylnaphthalene					Y
5. "Range" analytes & internal standard RIC ID'd correctly, inspected for interferences & proper integration?					Y
6. Has the RT been updated to the method?					Y
Analyst/date			2nd Level Reviewer/date LL 12/11/20		
7. Has the vol injected been verified vs Entech & corrected if actual amount differs >5%? [WL Sample Info: init amt = sample amt; final amt = 500 mL]					Y
8. Do the lab ID, Info 1 and Dilution Factor columns correlate in Chrom? [Sample List - Lab ID vs. Info 1 vs. Dilution]					Y
9. Can dilution history verified? [Mgmt Report]					Y
10. Are all analytes present in the system blank < RL? (<1/2 RL for DoD). If no, list blank ID:				☐ Method Blank – Report, ND (NCM# _____) ☐ Method Blank – Report, 10X (NCM# _____)	Y
11. All runs - peaks ID'd correctly and false positives removed?					Y
12. If manual integrations performed, are they properly performed, baseline clearly identified, and correct reason given?					Y
13. IS/Surr within limits? List samples and reason (e.g., 1 thru 5): [Batch Results IS & SUR Tab]				☐ (1) Surrogate – Matrix (NCM# _____) ☐ (2) Surrogate – High, ND (NCM# _____) ☐ (3) ISTD – RA/RA Concurs (NCM# _____) ☐ (4) Surrogate –RX concur, Report both (NCM# _____) ☐ (5) ISTD – Matrix, DL required (NCM# _____)	Y
Sample	Reason	Sample	Reason		
_____	_____	_____	_____		
_____	_____	_____	_____		
14. Samples outside calibration range scheduled for dilution?				☐ ICAL – Range Exceeded; Minimum Dilution	Y
Chrom Review			1st	If No, why is data reportable?	2nd
15. For first analysis that is at a dilution, is highest target analyte >20% cal range? List samples and reason:				☐ (1) Reporting Limit – Dilution, Matrix (NCM# _____) ☐ (2) Reporting Limit – Dilution, Non-Target (NCM# _____) ☐ (3) Issues with initial collection volume; see DRC.	Y
Sample	Reason	Sample	Reason		
_____	_____	_____	_____		
_____	_____	_____	_____		
16. RIC inspected for proper integration for TPH?					Y
17. Obvious non-TPH peaks excluded?					Y
18. Individual TPH peak area < octane high point area?					Y

Eurofins/TestAmerica Knoxville GC/MS Air - Batch Data Review Checklist
Methods: TO-14 and TO-15 - KNOX-MS-0001, Rev 20 & KNOX-MS-0023, Rev 4

Page 2 of 2

TALS Review	1 st	If No, why is data reportable?	2 nd													
19. Graphics uploaded? [open one paperclip]			Y													
20. NCM generated if BFB failed TO-14A criteria, but passes TO-15?		☐ [Failed TO-14A, but passes TO-15] (NCM# _____)	NA													
21. Is the %D ≤ 30% for all target analytes? [≤ 50% for 1&2 methylnaphthalene] [Chrom-F8] [TALS-Sample Results Tab]		☐ CCV - %D - LCS criteria met (NCM# _____) ☐ CCV - %D high - outside criteria, samples ND, Sample IDs Included (NCM# _____)	Y													
22. Undiluted volume analyzed meets the method requirement (200 mL vs. 500 mL)?			na													
23. Project & sample special instructions verified?			Y													
24. If samples were Tedlar bags, was the 72 hr HT met? ** Narrate transfer to can.		☐ Air Analysis - Air Sample Transfer to Canister (NCM# _____)	Y													
25. Sample analyses done within analytical holding time?		☐ Holding Time – Received w/Insufficient Time (NCM# _____) ☐ Holding Time – Receipt (NCM# _____)	Y													
26. Did the LCS meet criteria (70-130% with a limited # allowed 60-140% (see table) provisional analyte limit 60-140% with a limited # allowed 50-150%, and no two consecutive MEs). [Sample Results Tab] Note: No LCS required for OH VAP. <table border="1" style="margin: 5px auto; width: 200px;"> <thead> <tr> <th>Number of target analytes in LCS</th> <th># marginal exceedances of LCS control limits allowed</th> </tr> </thead> <tbody> <tr> <td>>90</td> <td>5</td> </tr> <tr> <td>71 - 90</td> <td>4</td> </tr> <tr> <td>51 - 70</td> <td>3</td> </tr> <tr> <td>31 - 50</td> <td>2</td> </tr> <tr> <td>11 - 30</td> <td>1</td> </tr> <tr> <td>< 11</td> <td>0</td> </tr> </tbody> </table>	Number of target analytes in LCS	# marginal exceedances of LCS control limits allowed	>90	5	71 - 90	4	51 - 70	3	31 - 50	2	11 - 30	1	< 11	0	☐ Marginal Exceedances - Within ME Limits and Random; Report (NCM# _____) ☐ LCS/LCSD - %R High (NCM# _____)	Y
Number of target analytes in LCS	# marginal exceedances of LCS control limits allowed															
>90	5															
71 - 90	4															
51 - 70	3															
31 - 50	2															
11 - 30	1															
< 11	0															
27. Suffixes assigned properly (DL/RE)? [Sample List Tab]			NA													
28. Each <u>job</u> has QC created (BFB, CCV, LCS, MB)? [Sample List Tab]			Y													
29. Analytes over calibration range set to secondary [Conditions Review Tab]			Y													
30. Samples not reported set to 'Acceptable' or 'Rejected'? [Sample Results Tab]			Y													
31. DUP done per 20 samples and are all RPDs within limits? (for target analytes >5x RL, <25% RPD; no criteria for n-butanol) (If DUP not reported - set to 'Acceptable' for each job)			Y													
32. Samples linked to proper blank (200 mL or 500 mL)? [QC links]		500 mL blank ID: 4 200 mL blank ID: 5	Y													
33. Samples linked to job's BFB/CCV/LCS/MB? [QC Links]			Y													
34. Correct ICV linked to each MB? [QC Links]			Y													
35. Were all samples/QC analyzed within 24 hr of BFB? [F7]			Y													
36. If criteria were not met, was a NCM generated, and assigned to proper QC & samples? [Also see Conditions Review Tab]			Y													
37. Run Checklist and acknowledge findings [F8]			Y													
38. Runs set to 1 st level review?		Runs set to 2 nd level review?	Y													
39. QC checker run and items addressed?	-na-		Y													
40. Checklist & Entech report scanned, attached & assigned properly?	-na-		Y													

Analyst:	Date:	2nd Level Reviewer : LL	Date: 12/11/20
Comments:	Comments:		
Example Calculation:			
On-column ppbv x Final Vol (mL)/Entech Initial Vol (mL) x Canister Dilution Log DF			

AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-21261-1

SDG No.: _____

Batch Number: 45176 Batch Start Date: 12/10/20 11:45 Batch Analyst: Khachitpongpanit, SuphawaBatch Method: TO 15 LL Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	InitialPressure	FinalPressure	40CV101P 00125	40MXBFB 00001
BFB 140-45176/1		TO 15 LL		500 mL	500 mL	1	1		40 mL
CCVIS 140-45176/2		TO 15 LL		500 mL	500 mL	1	1	100 mL	
MB 140-45176/4		TO 15 LL		500 mL	500 mL	1	1		
140-21261-A-1	SVE - INF	TO 15 LL	T	15 mL	500 mL	1	1		
140-21261-A-2	SVE - EFF	TO 15 LL	T	15 mL	500 mL	1	1		
LCS 140-45176/1002		TO 15 LL		500 mL	500 mL	1	1	100 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	40MXISSUR 00001					
BFB 140-45176/1		TO 15 LL							
CCVIS 140-45176/2		TO 15 LL		40 mL					
MB 140-45176/4		TO 15 LL		40 mL					
140-21261-A-1	SVE - INF	TO 15 LL	T	40 mL					
140-21261-A-2	SVE - EFF	TO 15 LL	T	40 mL					
LCS 140-45176/1002		TO 15 LL		40 mL					

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.

TO 15 LL

Page 1 of 1

Summa Canister Dilution Worksheet

Client: New York State D.E.C.
Project/Site: Stanton Cleaners #130072

Job No.: 140-21261-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
140-21261-1	1	0.0	1.00	1.00	30.6	3.08	3.08		3.08	3.08	G5	12/10/20 15:15	BRS
140-21261-2	1	0.0	1.00	1.00	30.3	3.06	3.06		3.06	3.06	G5	12/10/20 15:16	BRS

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
 Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
 Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
 14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11737 Lab Sample ID: 140-20953-2
 Matrix: Air Lab File ID: K11B20953A.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 03:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44378 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11737 Lab Sample ID: 140-20953-2
 Matrix: Air Lab File ID: K11B20953A.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 03:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44378 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND		0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND		0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11737 Lab Sample ID: 140-20953-2
 Matrix: Air Lab File ID: K11B20953A.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 03:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44378 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND		0.20	
75-01-4	Vinyl chloride	ND		0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MG\20201111-17255.b\K11B20953A.D
 Lims ID: 140-20953-A-2
 Client ID: 11737
 Sample Type: Client
 Inject. Date: 12-Nov-2020 03:17:30 ALS Bottle#: 1 Worklist Smp#: 26
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017255-026
 Misc. Info.: 11737
 Operator ID: HMT Instrument ID: MG
 Method: \\chromfs\Knoxville\ChromData\MG\20201111-17255.b\MG_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 12-Nov-2020 16:40:25 Calib Date: 10-Nov-2020 00:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MG\20201109-17223.b\GK09IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1618

First Level Reviewer: khachitpongpanits

Date: 12-Nov-2020 16:41:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.757	8.763	-0.006	92	521001	4.80	
* 2 1,4-Difluorobenzene	114	10.947	10.952	-0.005	96	2613820	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.687	15.692	-0.005	90	2198174	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.337	17.331	0.001	87	1755213	4.66	
46 Tetrahydrofuran	42	9.210	9.210	0.027	83	8687	0.0758	
59 Dibromomethane	93	11.750	11.739	0.005	78	1518	0.008089	
69 2-Hexanone	58	14.198	14.177	0.016	43	839	0.0543	
73 Tetrachloroethene	129	14.878	14.856	0.017	31	1400	0.007556	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 12-Nov-2020 16:41:01

Chrom Revision: 2.3 04-Nov-2020 10:46:10

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MG\20201111-17255.b\K11B20953A.D

Injection Date: 12-Nov-2020 03:17:30

Instrument ID: MG

Operator ID: HMT

Lims ID: 140-20953-A-2

Lab Sample ID: 140-20953-2

Worklist Smp#: 26

Client ID: 11737

Purge Vol: 500.000 mL

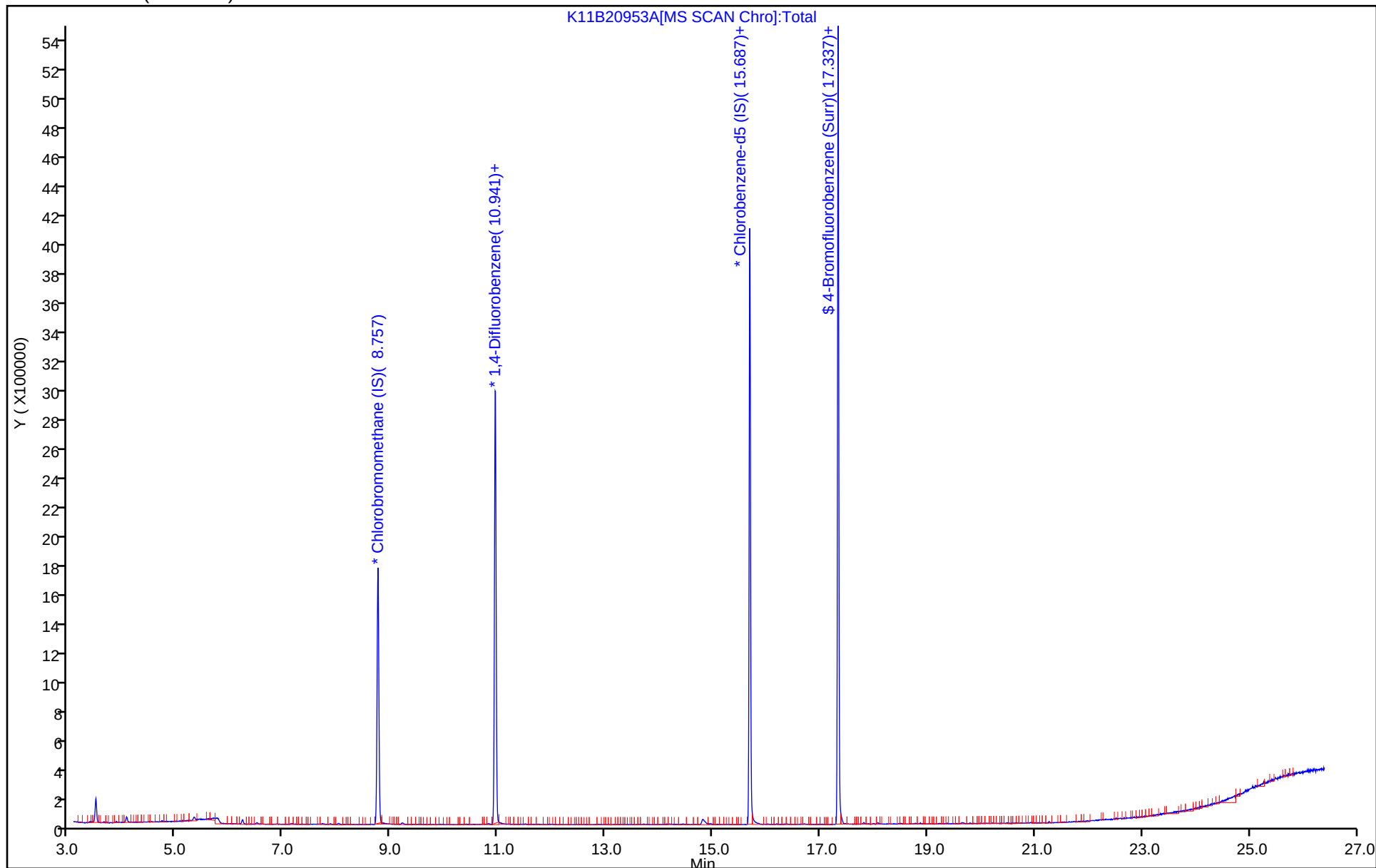
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MG_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MG\20201111-17255.b\K11B20953A.D

Injection Date: 12-Nov-2020 03:17:30

Instrument ID: MG

Lims ID: 140-20953-A-2

Lab Sample ID: 140-20953-2

Client ID: 11737

Operator ID: HMT

ALS Bottle#: 1 Worklist Smp#: 26

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MG_TO15

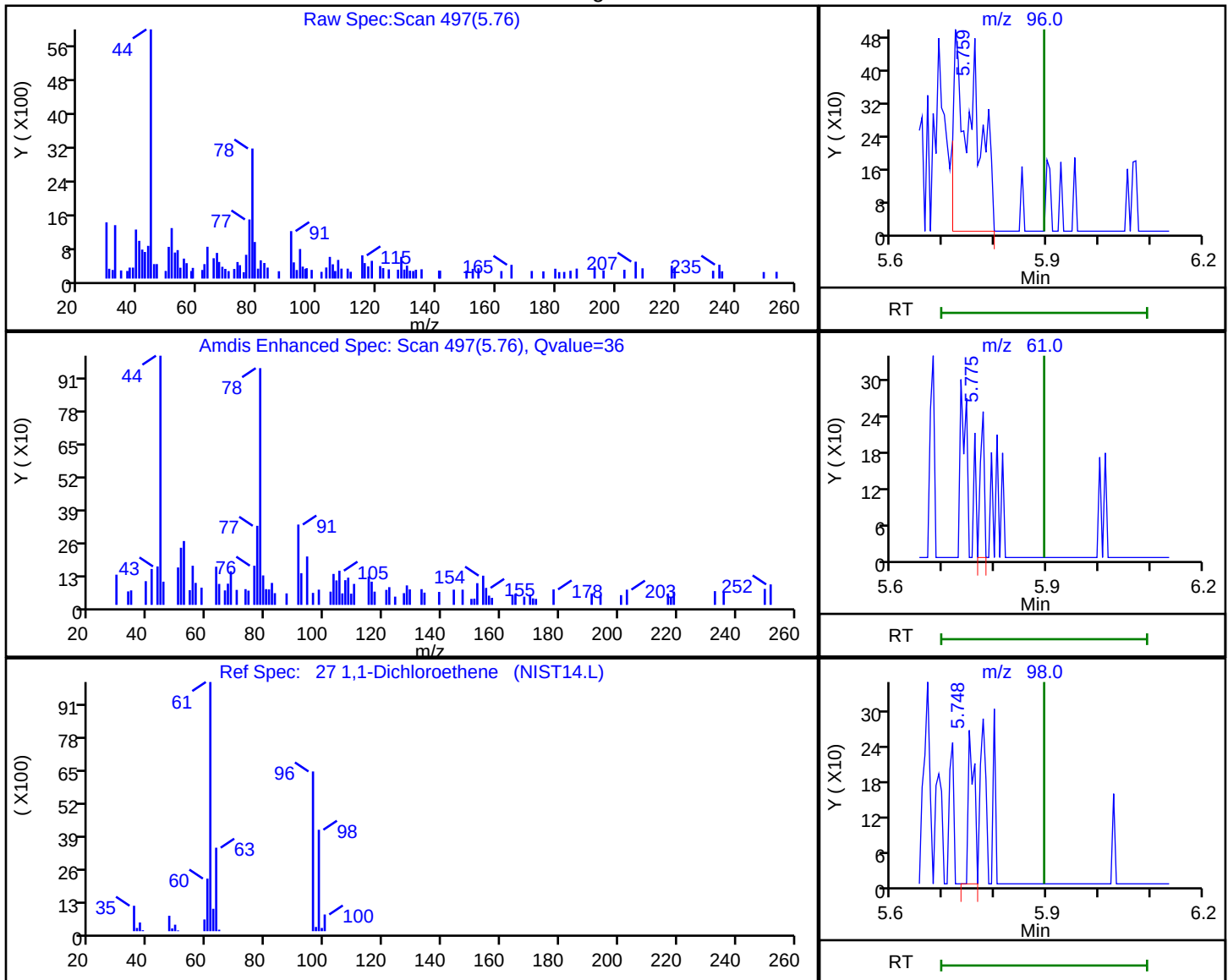
Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

27 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.76	96.00	1339	0.010382
5.78	61.00	128	
5.75	98.00	208	

Reviewer: khachitpongpanits, 12-Nov-2020 16:36:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11740 Lab Sample ID: 140-20953-5
 Matrix: Air Lab File ID: 20953BK05.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 04:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11740 Lab Sample ID: 140-20953-5
 Matrix: Air Lab File ID: 20953BK05.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 04:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND		0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND		0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11740 Lab Sample ID: 140-20953-5
 Matrix: Air Lab File ID: 20953BK05.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 04:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND		0.20	
75-01-4	Vinyl chloride	ND		0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK05.D
 Lims ID: 140-20953-A-5
 Client ID: 11740
 Sample Type: Client
 Inject. Date: 12-Nov-2020 04:11:30 ALS Bottle#: 5 Worklist Smp#: 25
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017230-025
 Misc. Info.: 11740
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 12-Nov-2020 17:38:59 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1618

First Level Reviewer: khachitpongpanits

Date: 12-Nov-2020 17:38:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.237	8.242	-0.005	95	331115	4.80	
* 2 1,4-Difluorobenzene	114	10.464	10.474	-0.010	95	1741572	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.317	-0.006	88	1403440	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.961	-0.006	94	941196	3.88	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK05.D

Injection Date: 12-Nov-2020 04:11:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-5

Lab Sample ID: 140-20953-5

Worklist Smp#: 25

Client ID: 11740

Purge Vol: 500.000 mL

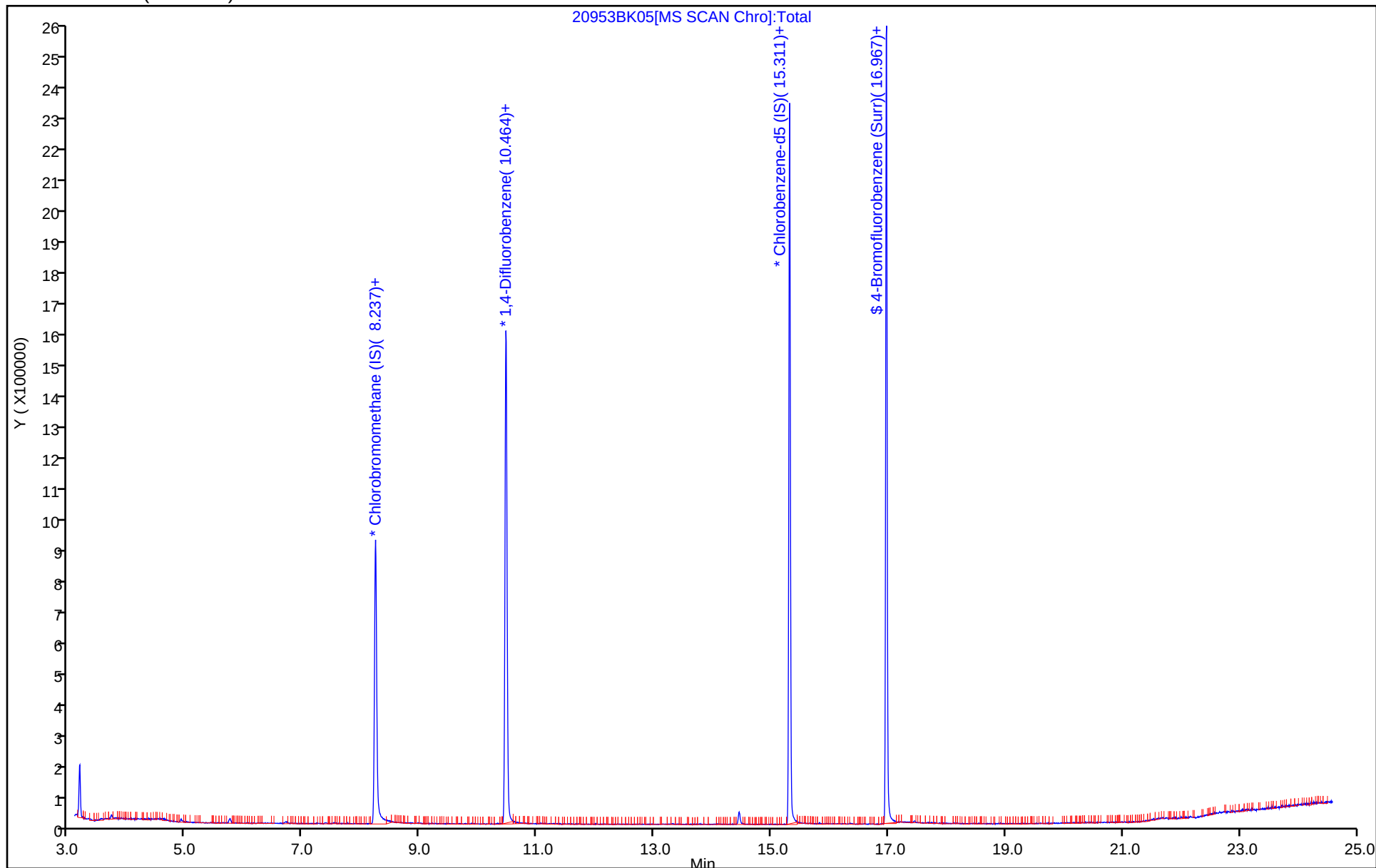
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK05.D

Injection Date: 12-Nov-2020 04:11:30

Instrument ID: MR

Lims ID: 140-20953-A-5

Lab Sample ID: 140-20953-5

Client ID: 11740

Operator ID: HMT

ALS Bottle#:

5

Worklist Smp#: 25

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

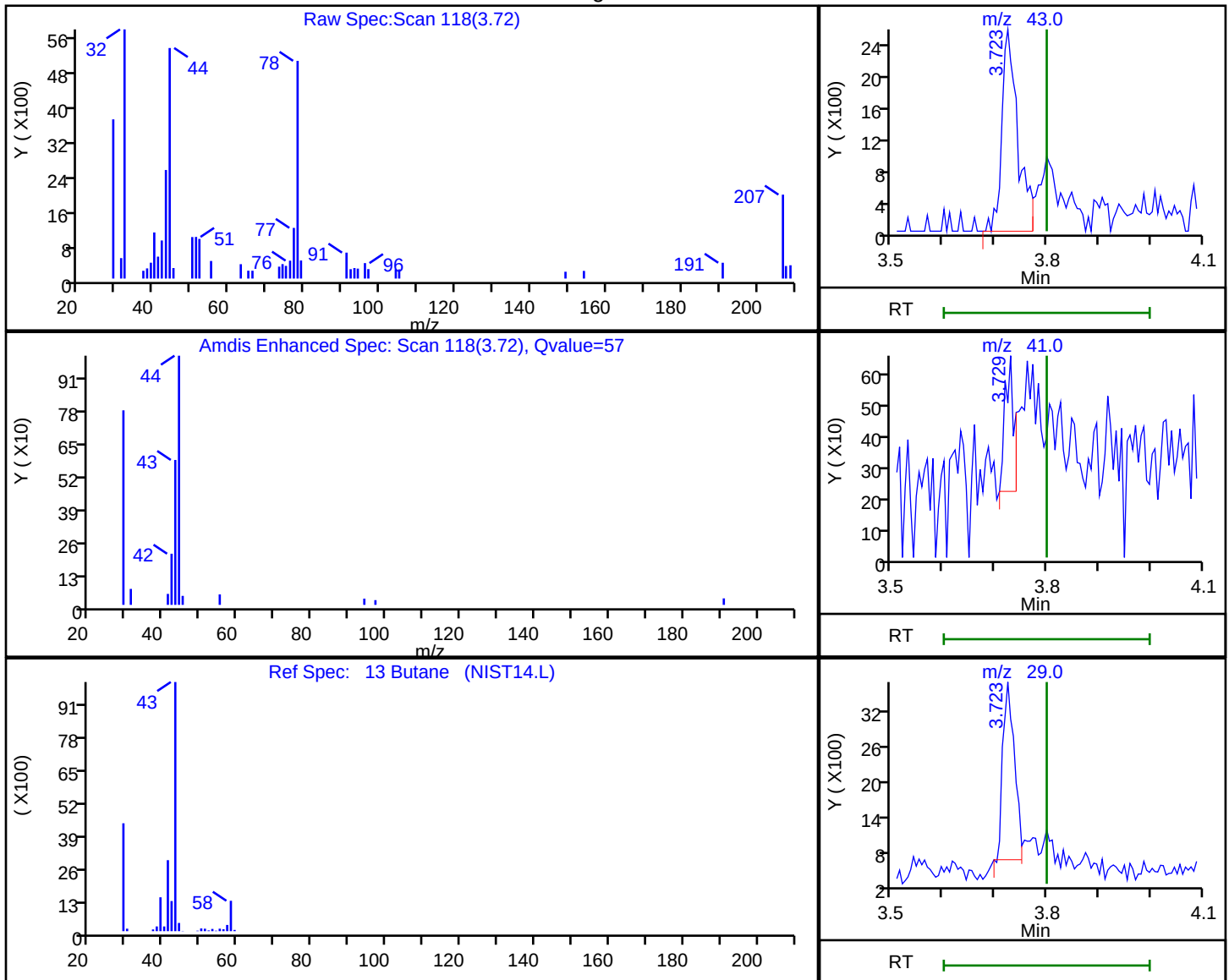
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

13 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.72	43.00	5395	0.038861
3.73	41.00	528	
3.72	29.00	4712	

Reviewer: khachitpongpanits, 12-Nov-2020 17:38:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK05.D

Injection Date: 12-Nov-2020 04:11:30

Instrument ID: MR

Lims ID: 140-20953-A-5

Lab Sample ID: 140-20953-5

Client ID: 11740

Operator ID: HMT

ALS Bottle#:

5

Worklist Smp#: 25

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

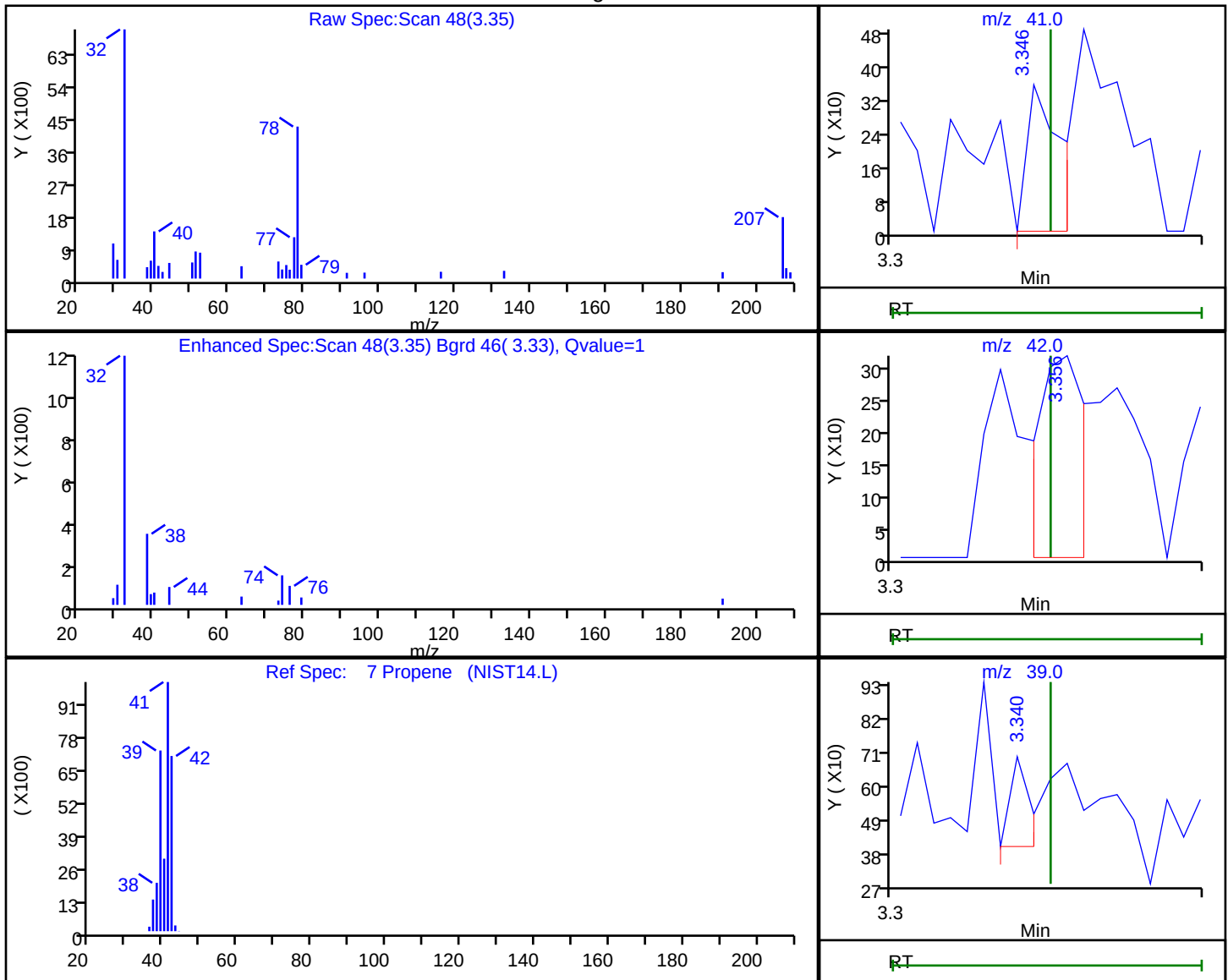
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

7 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.35	41.00	262	0.002777
3.36	42.00	340	
3.34	39.00	130	

Reviewer: khachitpongpanits, 12-Nov-2020 17:38:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 10333 Lab Sample ID: 140-20953-6
 Matrix: Air Lab File ID: 20953BK06.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 05:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 10333 Lab Sample ID: 140-20953-6
 Matrix: Air Lab File ID: 20953BK06.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 05:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND		0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND		0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 10333 Lab Sample ID: 140-20953-6
 Matrix: Air Lab File ID: 20953BK06.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 05:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44337 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND		0.20	
75-01-4	Vinyl chloride	ND		0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK06.D
 Lims ID: 140-20953-A-6
 Client ID: 10333
 Sample Type: Client
 Inject. Date: 12-Nov-2020 05:01:30 ALS Bottle#: 6 Worklist Smp#: 26
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017230-026
 Misc. Info.: 10333
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 12-Nov-2020 17:42:57 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1618

First Level Reviewer: khachitpongpanits

Date: 12-Nov-2020 17:42:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.242	8.242	0.000	95	325961	4.80	
* 2 1,4-Difluorobenzene	114	10.469	10.474	-0.005	95	1704960	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.317	-0.006	89	1382983	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.967	16.961	0.000	88	931475	3.90	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK06.D

Injection Date: 12-Nov-2020 05:01:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-6

Lab Sample ID: 140-20953-6

Worklist Smp#: 26

Client ID: 10333

Purge Vol: 500.000 mL

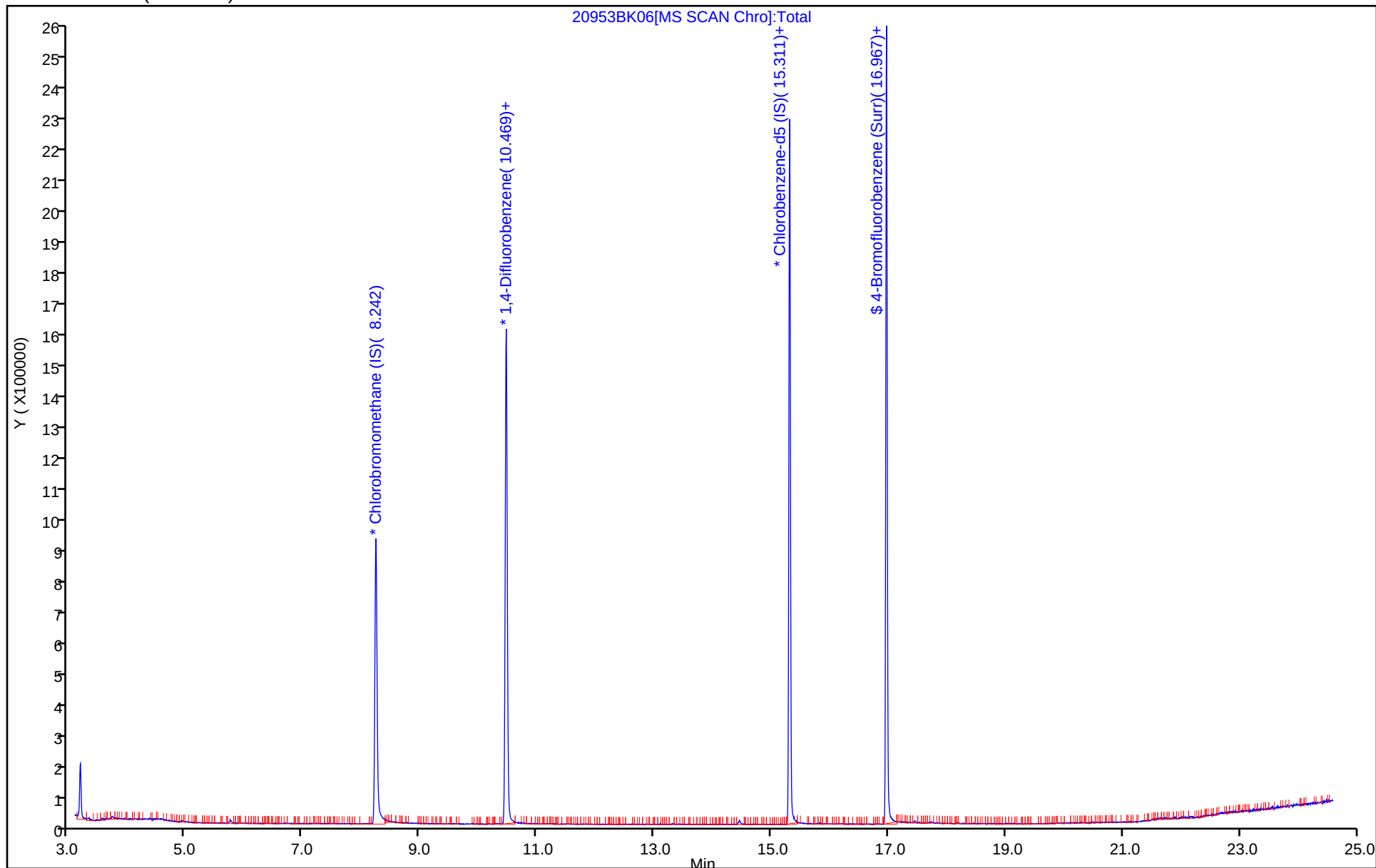
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201110-17230.b\20953BK06.D

Injection Date: 12-Nov-2020 05:01:30

Instrument ID: MR

Lims ID: 140-20953-A-6

Lab Sample ID: 140-20953-6

Client ID: 10333

Operator ID: HMT

ALS Bottle#:

6

Worklist Smp#: 26

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

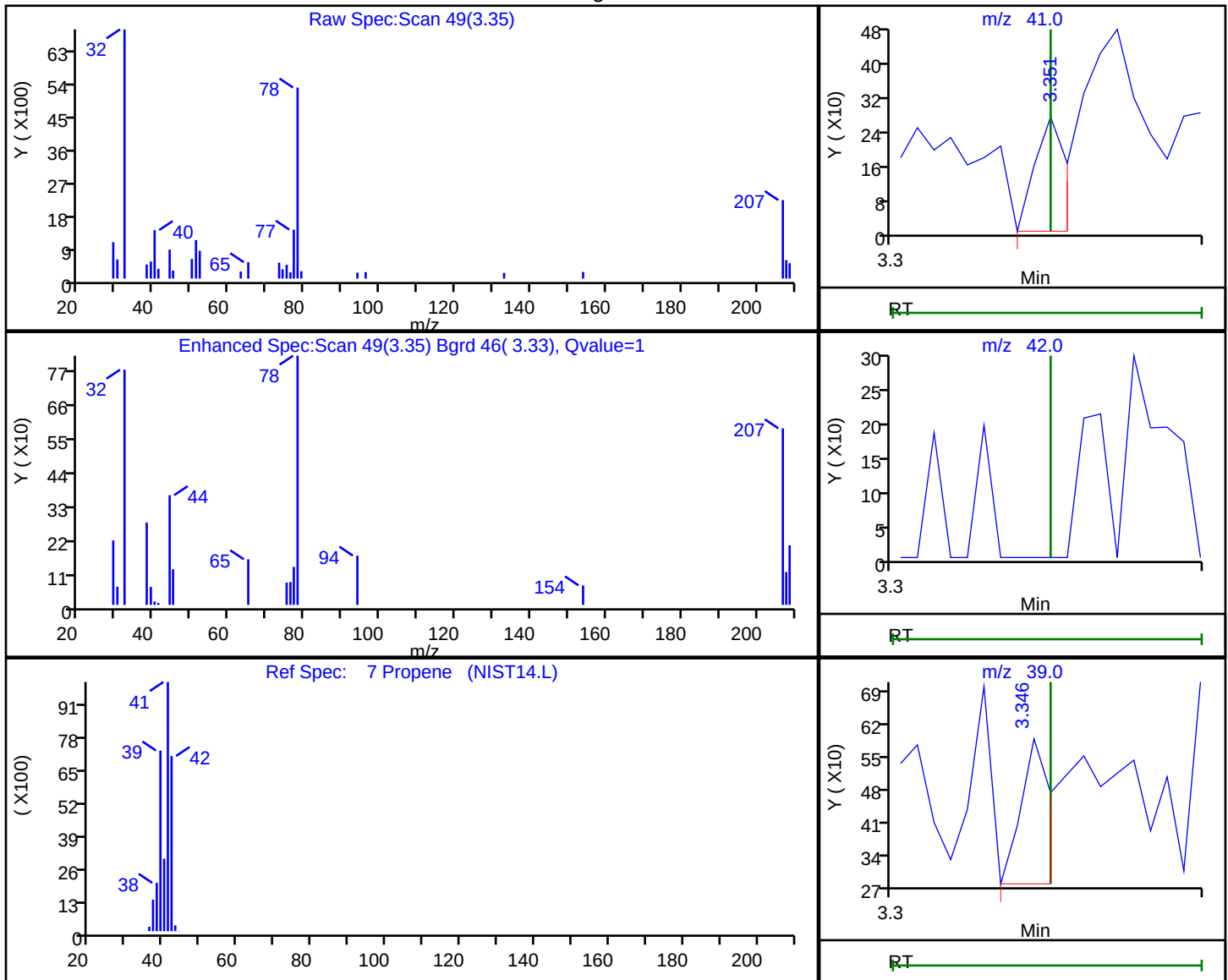
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

7 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.35	41.00	187	0.002013
3.35	42.00	0	
3.35	39.00	205	

Reviewer: khachitpongpanits, 12-Nov-2020 17:42:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000736 Lab Sample ID: 140-20953-8
 Matrix: Air Lab File ID: 20953BK08.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 12:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000736 Lab Sample ID: 140-20953-8
 Matrix: Air Lab File ID: 20953BK08.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 12:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000736 Lab Sample ID: 140-20953-8
 Matrix: Air Lab File ID: 20953BK08.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 12:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK08.D
 Lims ID: 140-20953-A-8
 Client ID: 34000736
 Sample Type: Client
 Inject. Date: 12-Nov-2020 12:18:30 ALS Bottle#: 8 Worklist Smp#: 7
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-007
 Misc. Info.: 34000736
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 14:48:51 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 14:51:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.242	8.242	0.000	95	331010	4.80	
* 2 1,4-Difluorobenzene	114	10.469	10.469	0.000	95	1826086	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	88	1468842	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.967	-0.006	87	1009704	3.98	
7 Propene	41	3.346	3.351	-0.005	1	92	0.000975	7
33 Carbon disulfide	76	5.907	5.891	0.016	91	5227	0.0169	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 13-Nov-2020 14:51:59

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK08.D

Injection Date: 12-Nov-2020 12:18:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-8

Lab Sample ID: 140-20953-8

Worklist Smp#: 7

Client ID: 34000736

Purge Vol: 500.000 mL

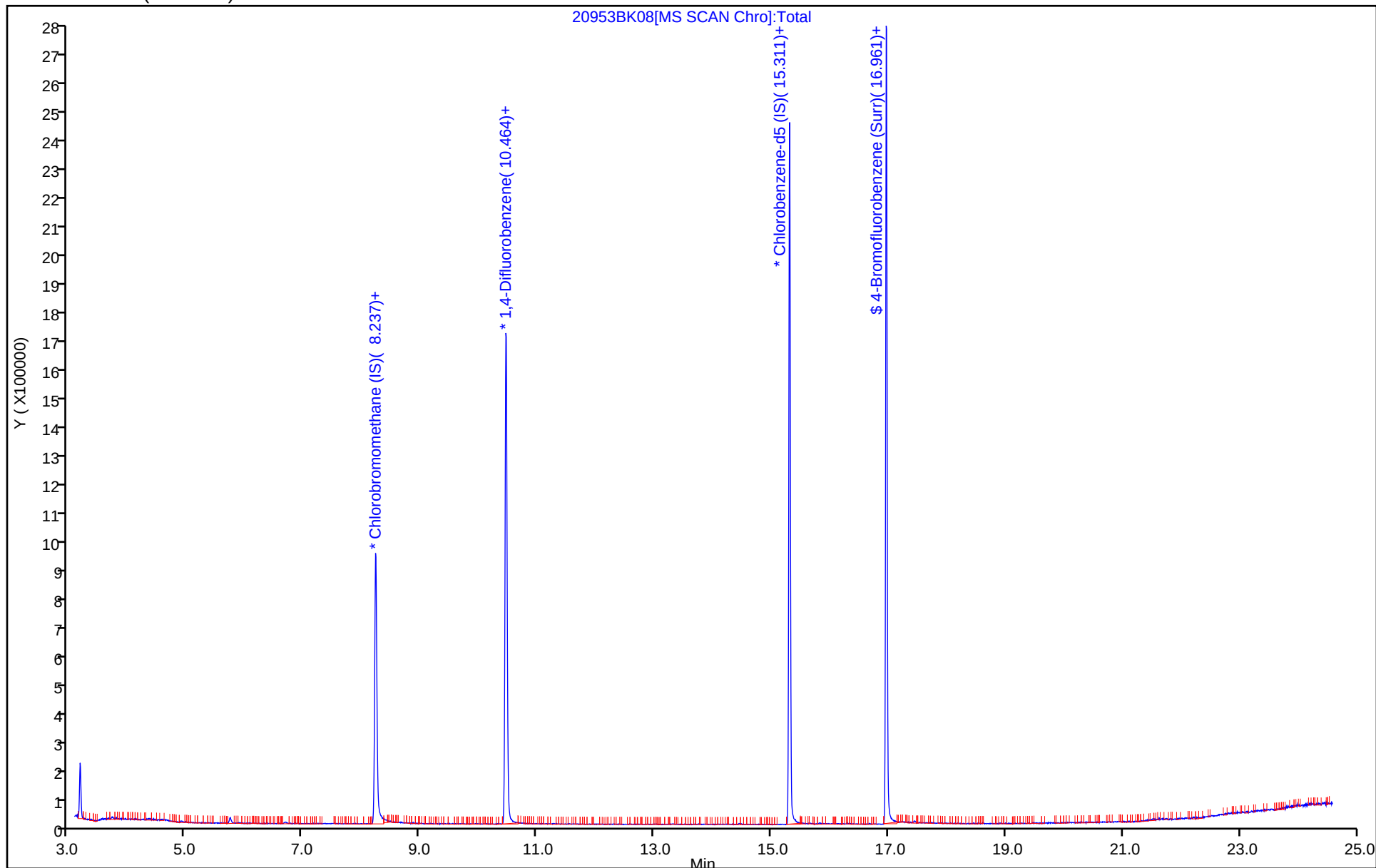
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 8974 Lab Sample ID: 140-20953-9
 Matrix: Air Lab File ID: 20953BK09.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 8974 Lab Sample ID: 140-20953-9
 Matrix: Air Lab File ID: 20953BK09.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 8974 Lab Sample ID: 140-20953-9
 Matrix: Air Lab File ID: 20953BK09.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK09.D
 Lims ID: 140-20953-A-9
 Client ID: 8974
 Sample Type: Client
 Inject. Date: 12-Nov-2020 13:06:30 ALS Bottle#: 9 Worklist Smp#: 8
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-008
 Misc. Info.: 8974
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 14:55:16 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 14:55:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.237	8.242	-0.005	95	323448	4.80	
* 2 1,4-Difluorobenzene	114	10.464	10.469	-0.005	95	1813384	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	89	1445404	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.967	-0.006	87	1011135	4.05	
7 Propene	41	3.367	3.351	0.016	62	1035	0.0112	7
58 Trichloroethene	130	11.197	11.202	-0.005	30	1312	0.009783	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK09.D

Injection Date: 12-Nov-2020 13:06:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-9

Lab Sample ID: 140-20953-9

Worklist Smp#: 8

Client ID: 8974

Purge Vol: 500.000 mL

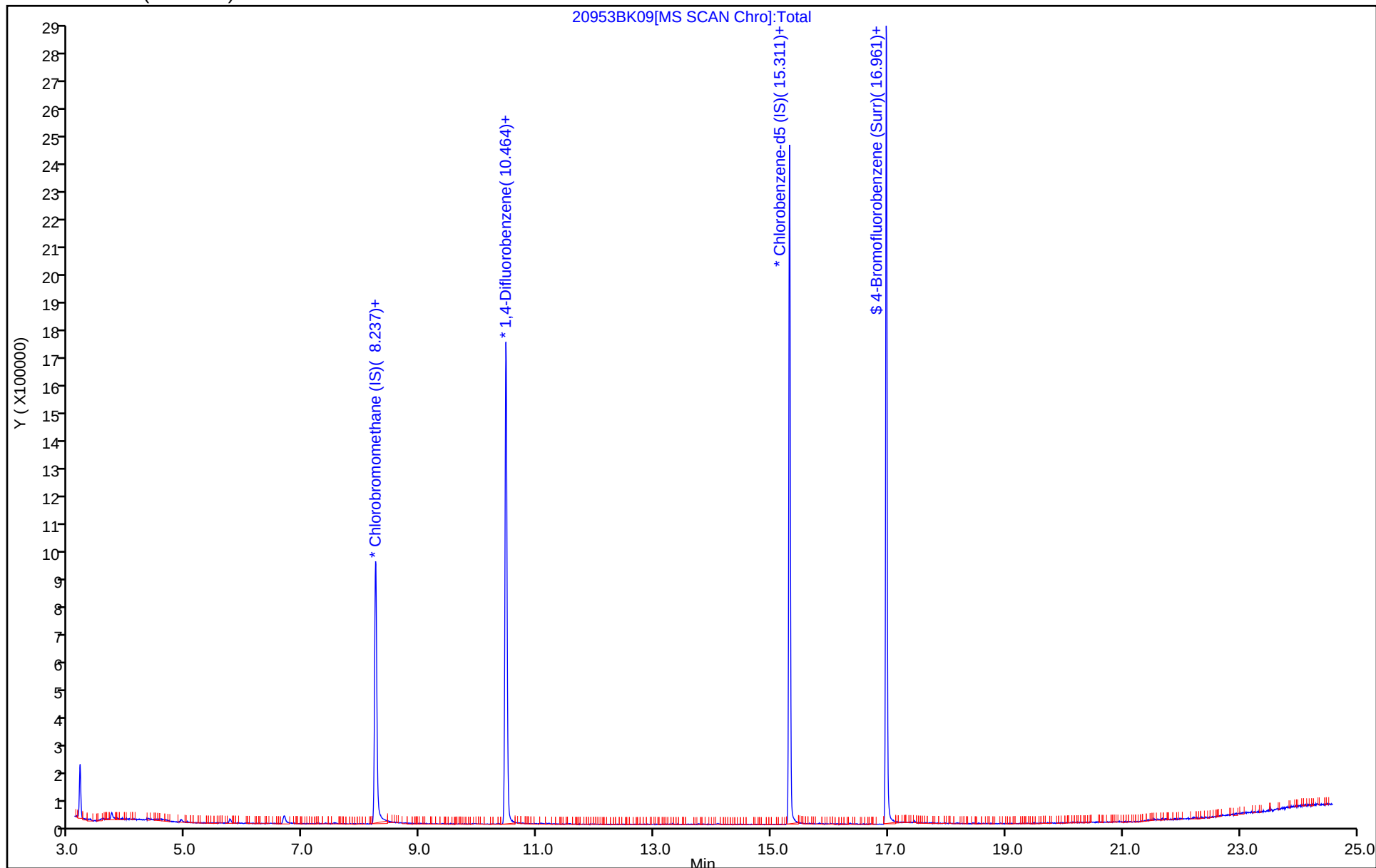
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK09.D

Injection Date: 12-Nov-2020 13:06:30

Instrument ID: MR

Lims ID: 140-20953-A-9

Lab Sample ID: 140-20953-9

Client ID: 8974

Operator ID: HMT

ALS Bottle#:

9

Worklist Smp#: 8

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

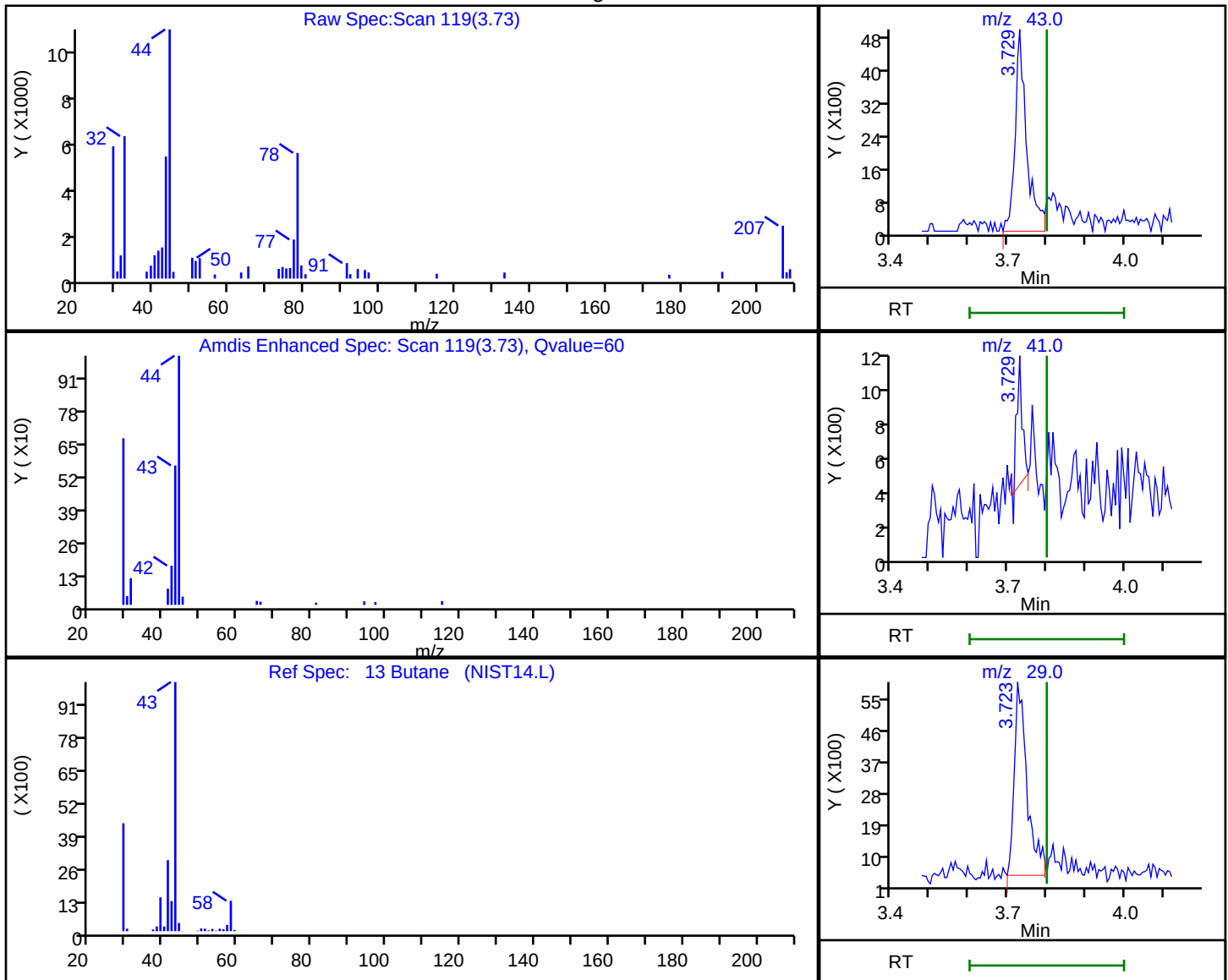
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

13 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.73	43.00	10201	0.075221
3.73	41.00	696	
3.72	29.00	12652	

Reviewer: khachitpongpanits, 13-Nov-2020 14:52:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK09.D

Injection Date: 12-Nov-2020 13:06:30

Instrument ID: MR

Lims ID: 140-20953-A-9

Lab Sample ID: 140-20953-9

Client ID: 8974

Operator ID: HMT

ALS Bottle#:

9

Worklist Smp#: 8

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

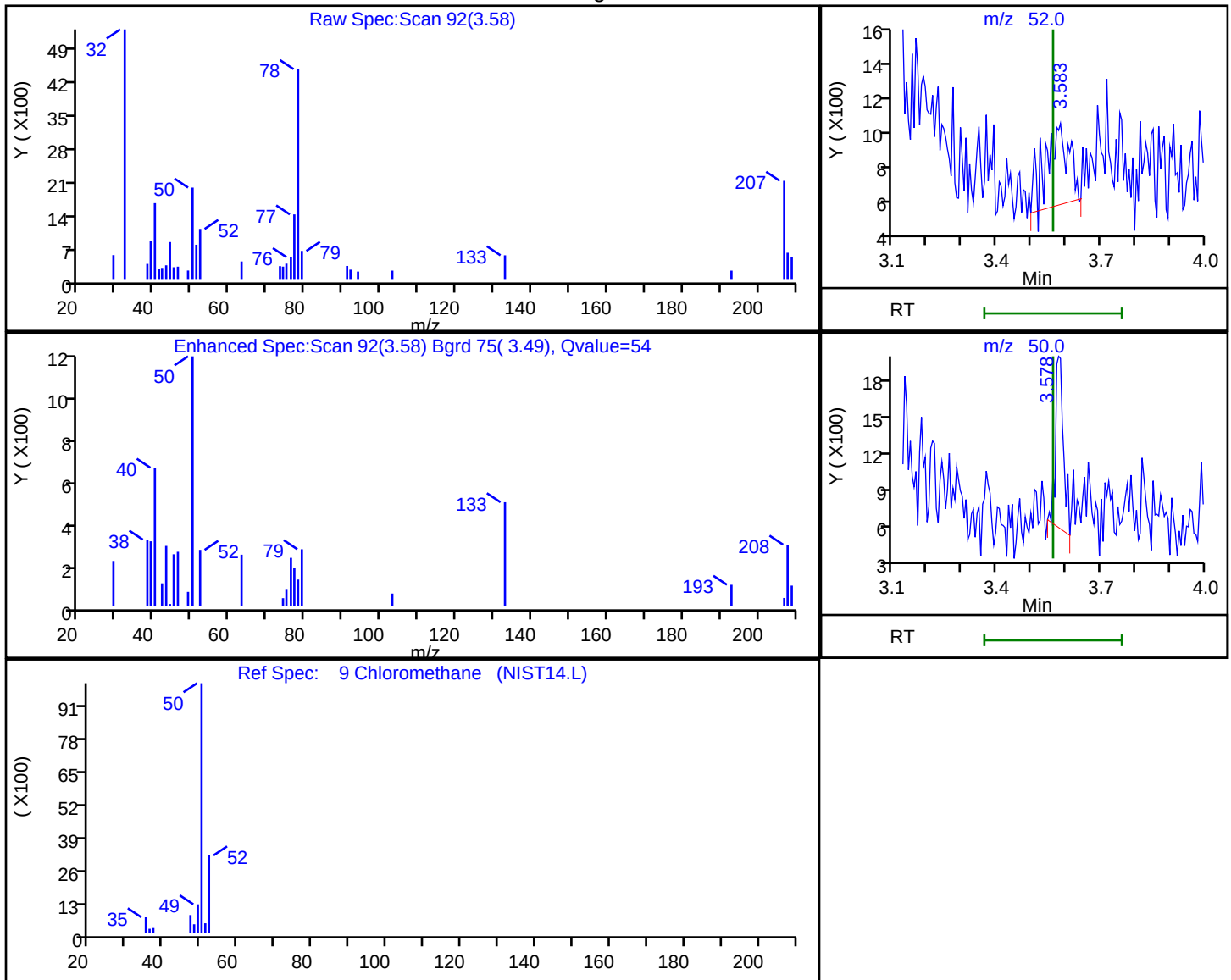
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

9 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
3.58	52.00	2180	0.068991
3.58	50.00	2101	

Reviewer: khachitpongpanits, 13-Nov-2020 14:52:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11877 Lab Sample ID: 140-20953-10
 Matrix: Air Lab File ID: 20953BK10.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 15:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11877 Lab Sample ID: 140-20953-10
 Matrix: Air Lab File ID: 20953BK10.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 15:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11877 Lab Sample ID: 140-20953-10
 Matrix: Air Lab File ID: 20953BK10.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 15:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK10.D
 Lims ID: 140-20953-A-10
 Client ID: 11877
 Sample Type: Client
 Inject. Date: 12-Nov-2020 15:37:30 ALS Bottle#: 12 Worklist Smp#: 11
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-011
 Misc. Info.: 11877
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:01:14 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:01:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.236	8.242	-0.006	95	318779	4.80	
* 2 1,4-Difluorobenzene	114	10.469	10.469	0.000	95	1758078	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	88	1455694	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.967	16.967	0.000	87	1006165	4.00	
59 Dibromomethane	93	11.283	11.289	-0.006	27	964	0.007488	
73 Tetrachloroethene	129	14.470	14.476	-0.006	88	1146	0.009469	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK10.D

Injection Date: 12-Nov-2020 15:37:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-10

Lab Sample ID: 140-20953-10

Worklist Smp#: 11

Client ID: 11877

Purge Vol: 500.000 mL

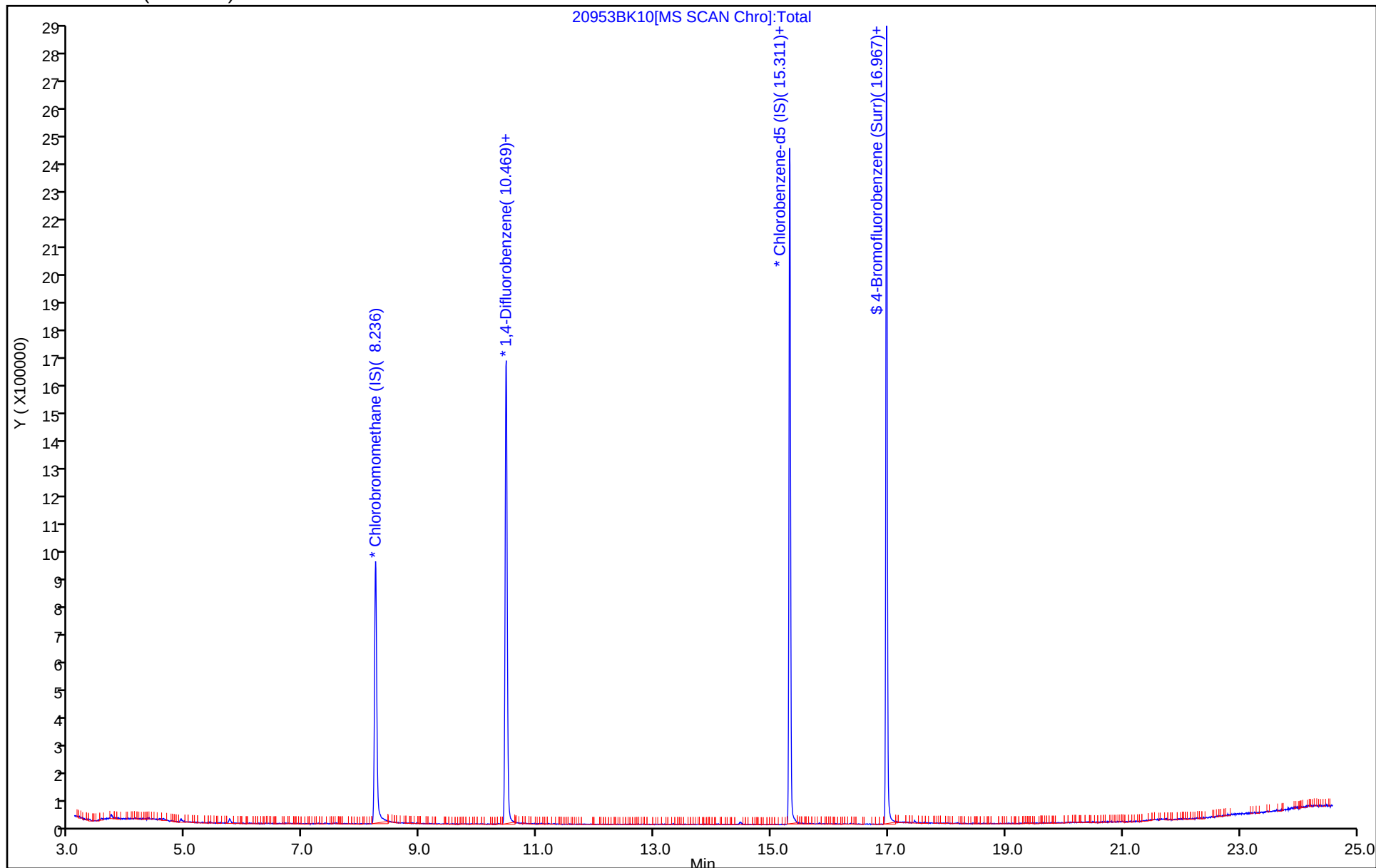
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

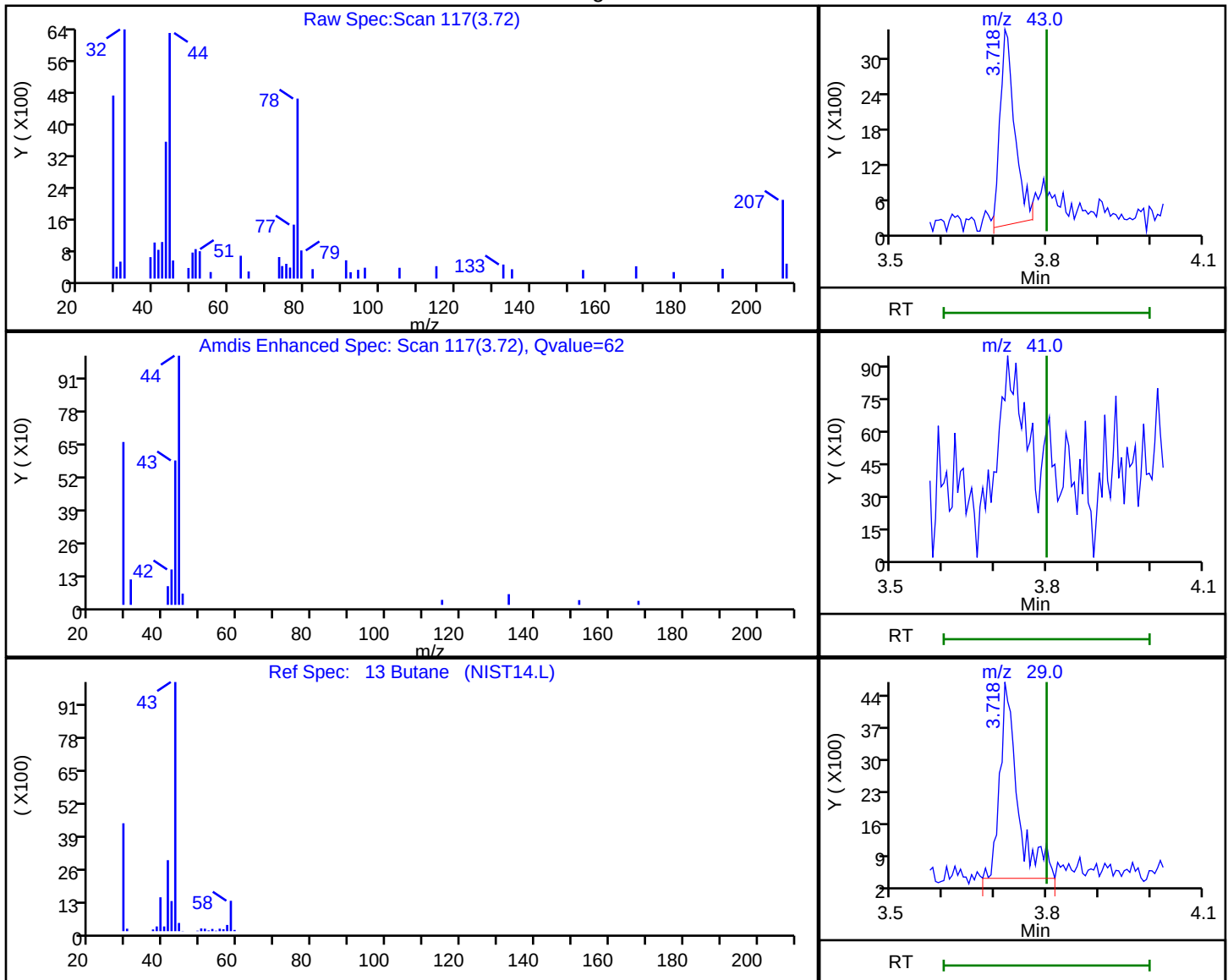


Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK10.D
Injection Date: 12-Nov-2020 15:37:30 Instrument ID: MR
Lims ID: 140-20953-A-10 Lab Sample ID: 140-20953-10
Client ID: 11877
Operator ID: HMT ALS Bottle#: 12 Worklist Smp#: 11
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

13 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.72	43.00	6679	0.049971
3.80	41.00	0	
3.72	29.00	10121	

Reviewer: khachitpongpanits, 13-Nov-2020 15:00:31

Audit Action: Marked Compound Undetected

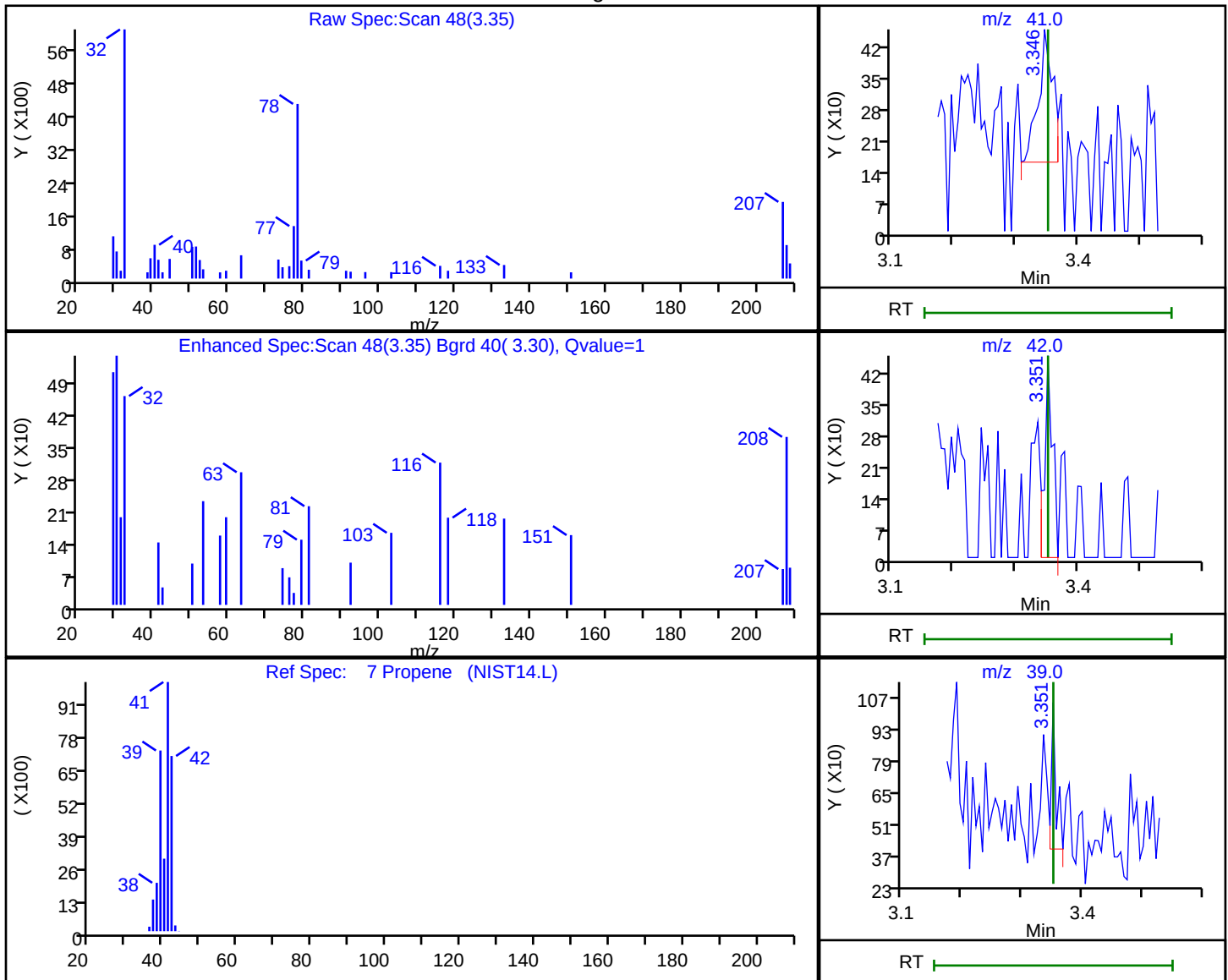
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK10.D
Injection Date: 12-Nov-2020 15:37:30 Instrument ID: MR
Lims ID: 140-20953-A-10 Lab Sample ID: 140-20953-10
Client ID: 11877
Operator ID: HMT ALS Bottle#: 12 Worklist Smp#: 11
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

7 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.35	41.00	493	0.005427
3.35	42.00	408	
3.35	39.00	364	

Reviewer: khachitpongpanits, 13-Nov-2020 15:00:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11875 Lab Sample ID: 140-20953-12
 Matrix: Air Lab File ID: 20953BK12.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 17:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11875 Lab Sample ID: 140-20953-12
 Matrix: Air Lab File ID: 20953BK12.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 17:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11875 Lab Sample ID: 140-20953-12
 Matrix: Air Lab File ID: 20953BK12.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 17:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK12.D
 Lims ID: 140-20953-A-12
 Client ID: 11875
 Sample Type: Client
 Inject. Date: 12-Nov-2020 17:14:30 ALS Bottle#: 14 Worklist Smp#: 13
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-013
 Misc. Info.: 11875
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:04:55 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:04:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.236	8.242	-0.006	96	308505	4.80	
* 2 1,4-Difluorobenzene	114	10.463	10.469	-0.006	95	1710623	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	89	1401478	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.967	-0.006	95	974065	4.02	
7 Propene	41	3.351	3.351	0.000	19	654	0.007439	7
46 Tetrahydrofuran	42	8.749	8.663	0.086	18	2290	0.0183	
61 1,4-Dioxane	88	11.526	11.467	0.059	81	6407	0.1216	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Report Date: 13-Nov-2020 15:04:56

Chrom Revision: 2.3 12-Nov-2020 21:52:08

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK12.D

Injection Date: 12-Nov-2020 17:14:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-12

Lab Sample ID: 140-20953-12

Worklist Smp#: 13

Client ID: 11875

Purge Vol: 500.000 mL

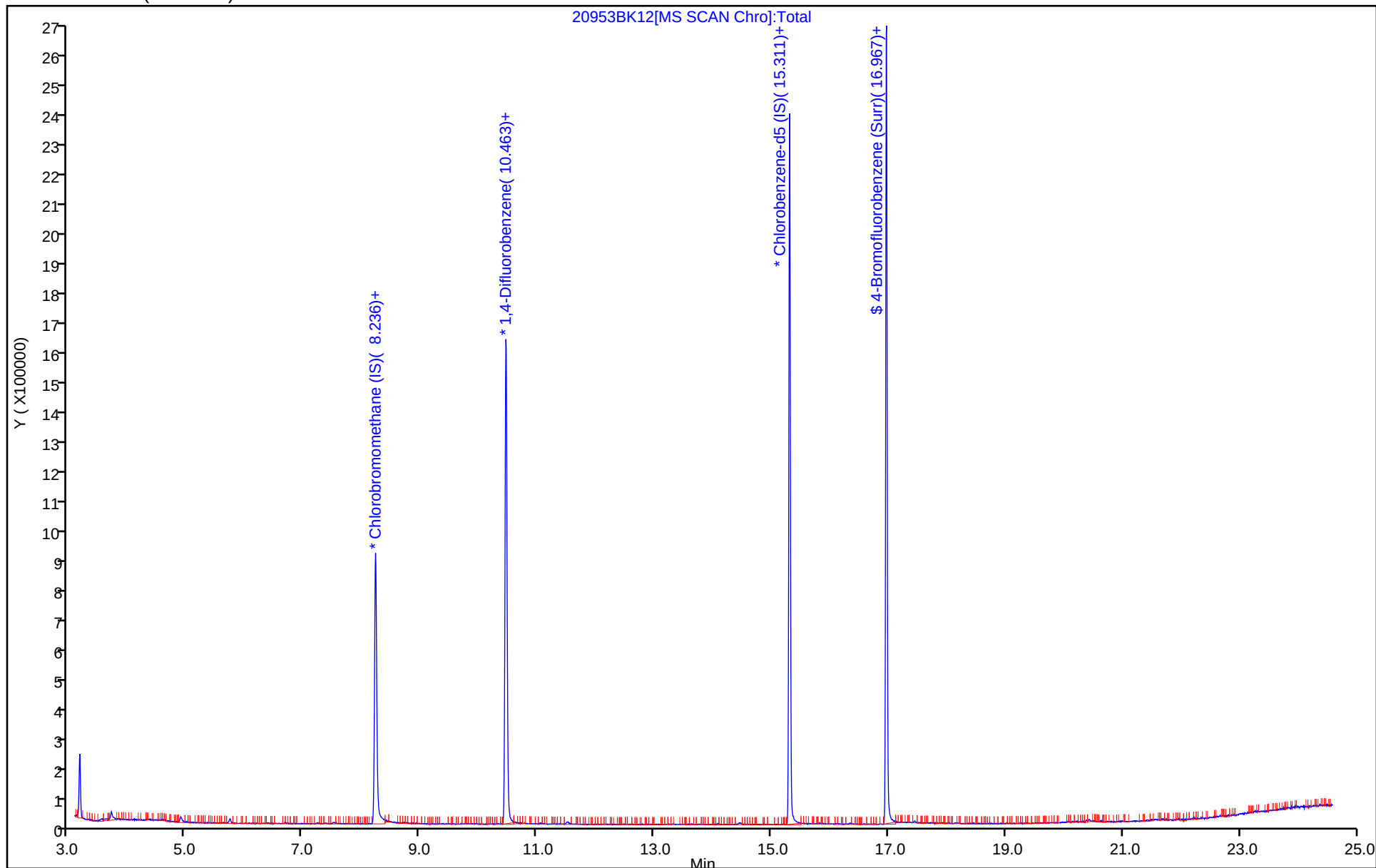
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK12.D

Injection Date: 12-Nov-2020 17:14:30

Instrument ID: MR

Lims ID: 140-20953-A-12

Lab Sample ID: 140-20953-12

Client ID: 11875

Operator ID: HMT

ALS Bottle#: 14 Worklist Smp#: 13

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

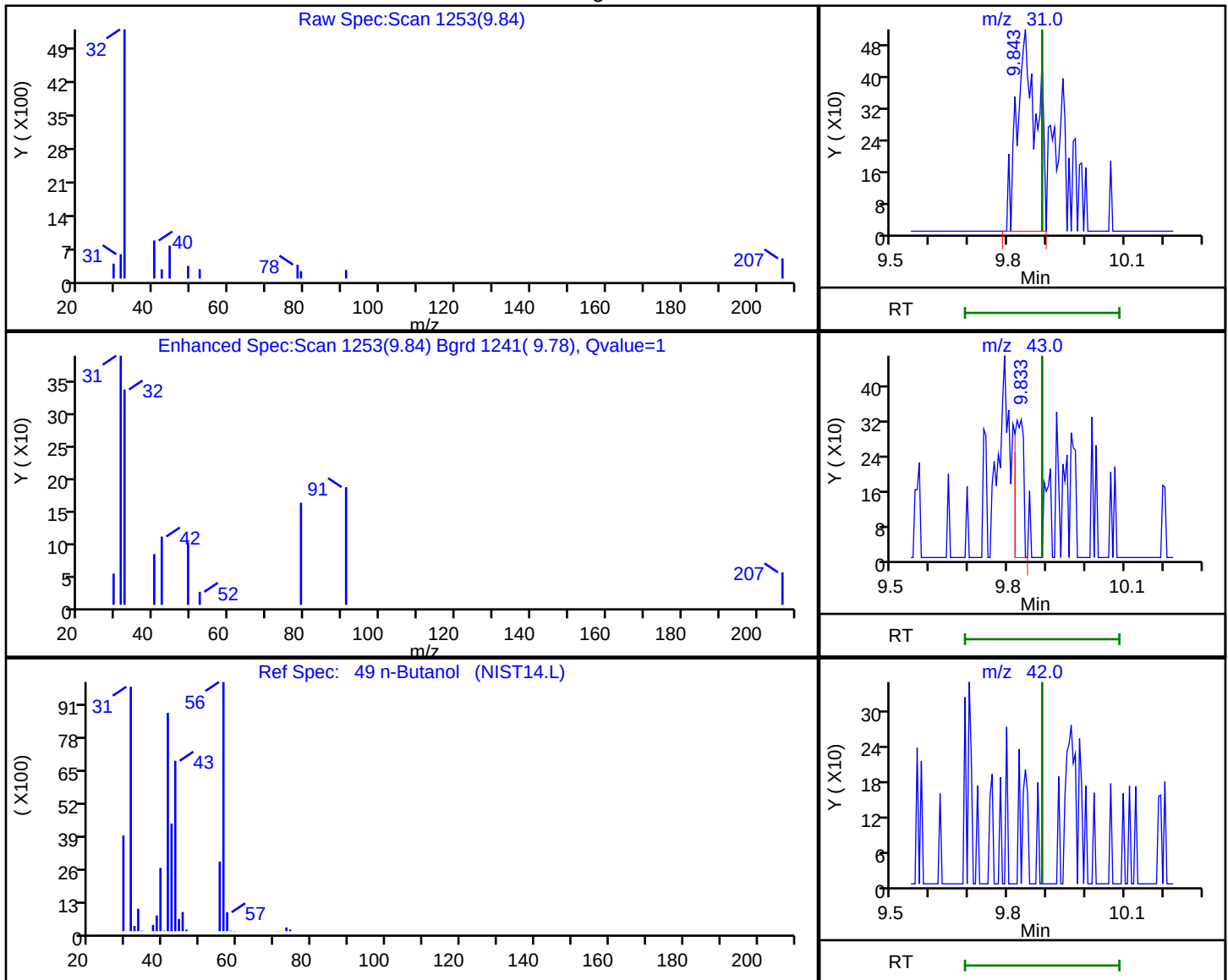
Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

49 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
9.84	31.00	1792	0.045920
9.83	43.00	484	
9.89	42.00	0	

Reviewer: khachitpongpanits, 13-Nov-2020 15:04:27

Audit Action: Marked Compound Undetected

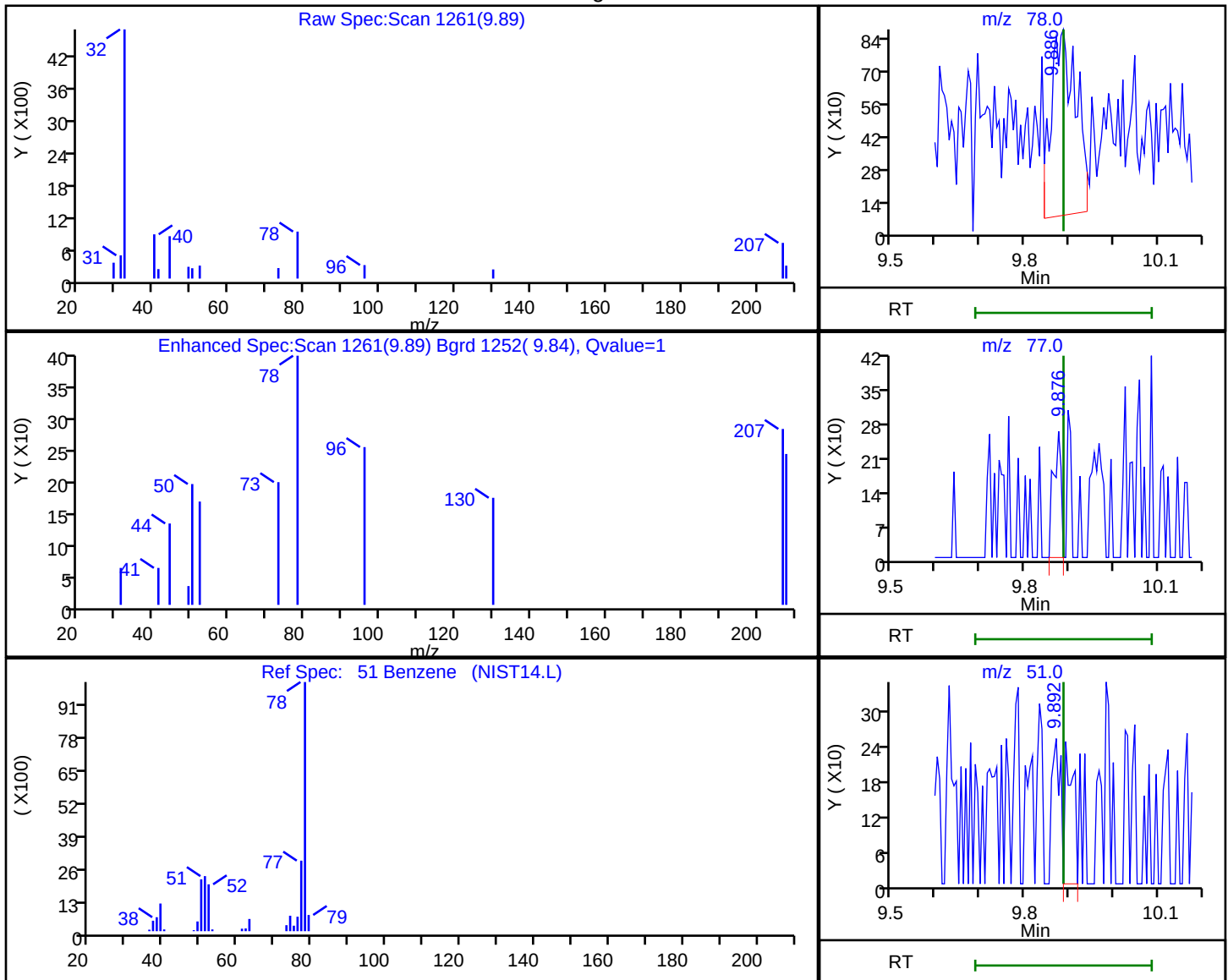
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK12.D
Injection Date: 12-Nov-2020 17:14:30 Instrument ID: MR
Lims ID: 140-20953-A-12 Lab Sample ID: 140-20953-12
Client ID: 11875
Operator ID: HMT ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

51 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
9.89	78.00	3170	0.009888
9.88	77.00	310	
9.89	51.00	311	

Reviewer: khachitpongpanits, 13-Nov-2020 15:04:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK12.D

Injection Date: 12-Nov-2020 17:14:30

Instrument ID: MR

Lims ID: 140-20953-A-12

Lab Sample ID: 140-20953-12

Client ID: 11875

Operator ID: HMT

ALS Bottle#:

14

Worklist Smp#: 13

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

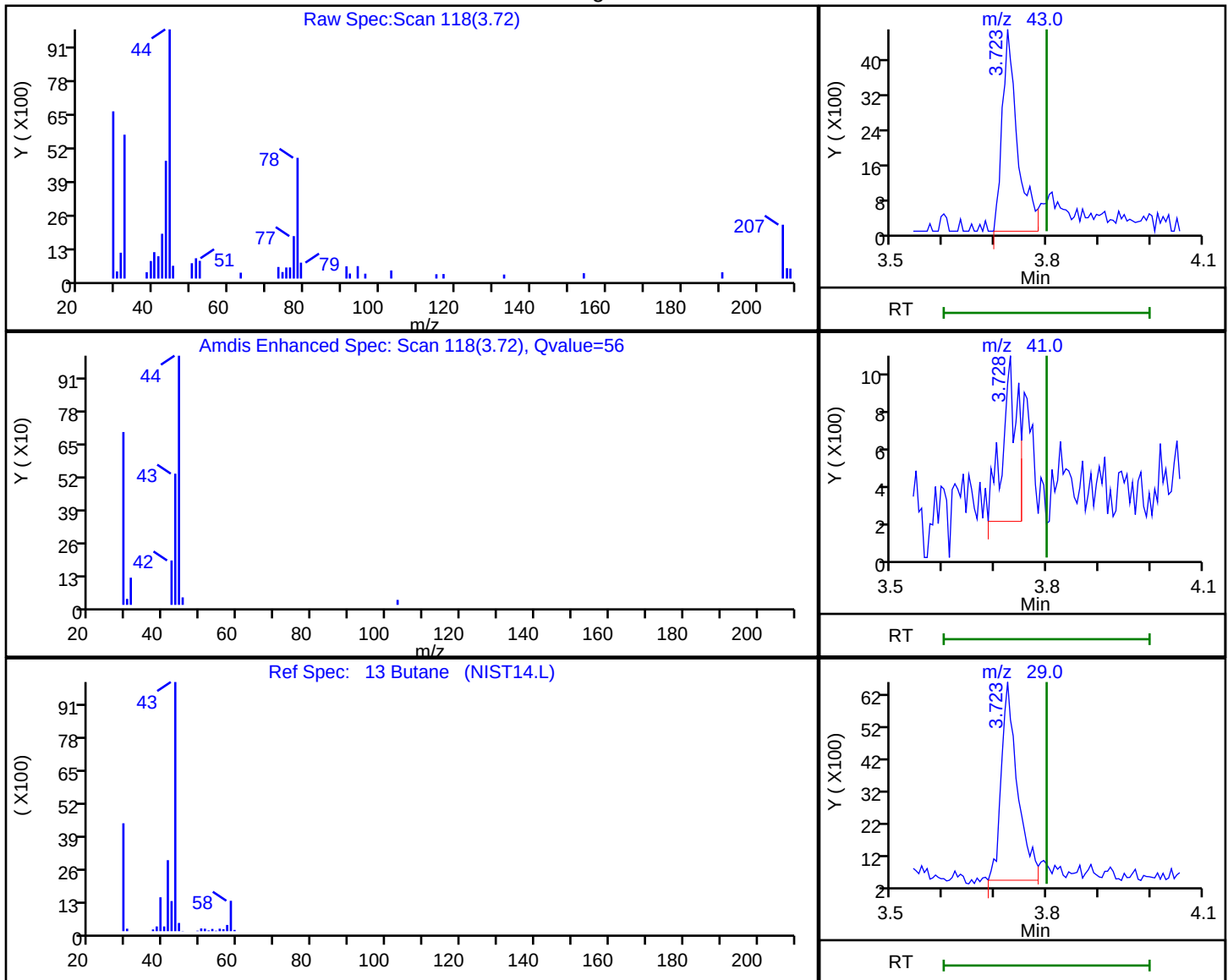
Column: RTX-5 (0.32 mm)

Detector

MS SCAN

13 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.72	43.00	9425	0.072865
3.73	41.00	1689	
3.72	29.00	13476	

Reviewer: khachitpongpanits, 13-Nov-2020 15:04:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11284 Lab Sample ID: 140-20953-13
 Matrix: Air Lab File ID: 20953BK13.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11284 Lab Sample ID: 140-20953-13
 Matrix: Air Lab File ID: 20953BK13.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11284 Lab Sample ID: 140-20953-13
 Matrix: Air Lab File ID: 20953BK13.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK13.D
 Lims ID: 140-20953-A-13
 Client ID: 11284
 Sample Type: Client
 Inject. Date: 12-Nov-2020 18:04:30 ALS Bottle#: 15 Worklist Smp#: 14
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-014
 Misc. Info.: 11284
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:05:09 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:05:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.242	8.242	0.000	95	323569	4.80	
* 2 1,4-Difluorobenzene	114	10.469	10.469	0.000	95	1758757	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	89	1445469	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.967	16.967	0.000	86	1000003	4.01	
7 Propene	41	3.356	3.351	0.005	64	996	0.0108	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK13.D

Injection Date: 12-Nov-2020 18:04:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-13

Lab Sample ID: 140-20953-13

Worklist Smp#: 14

Client ID: 11284

Purge Vol: 500.000 mL

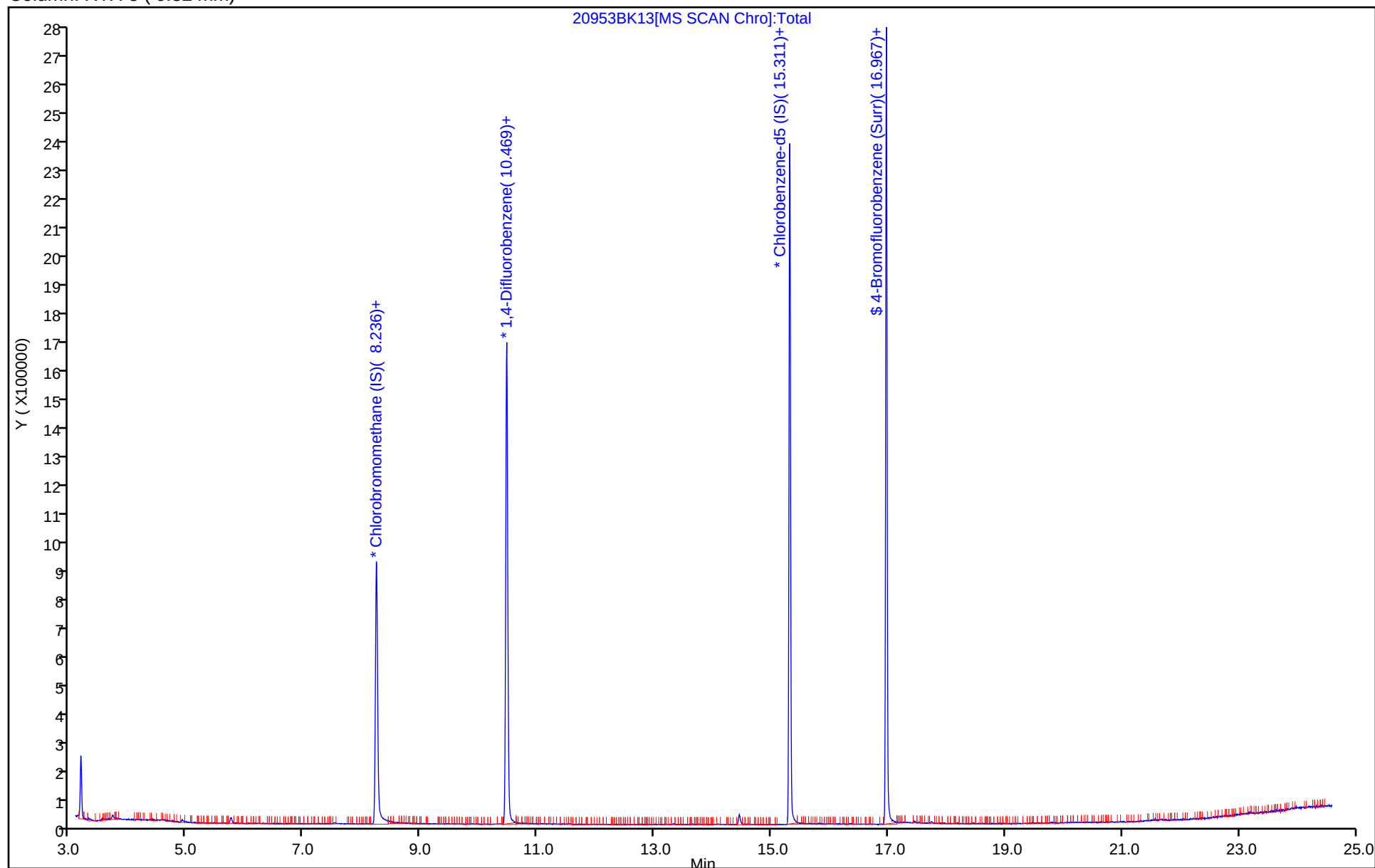
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

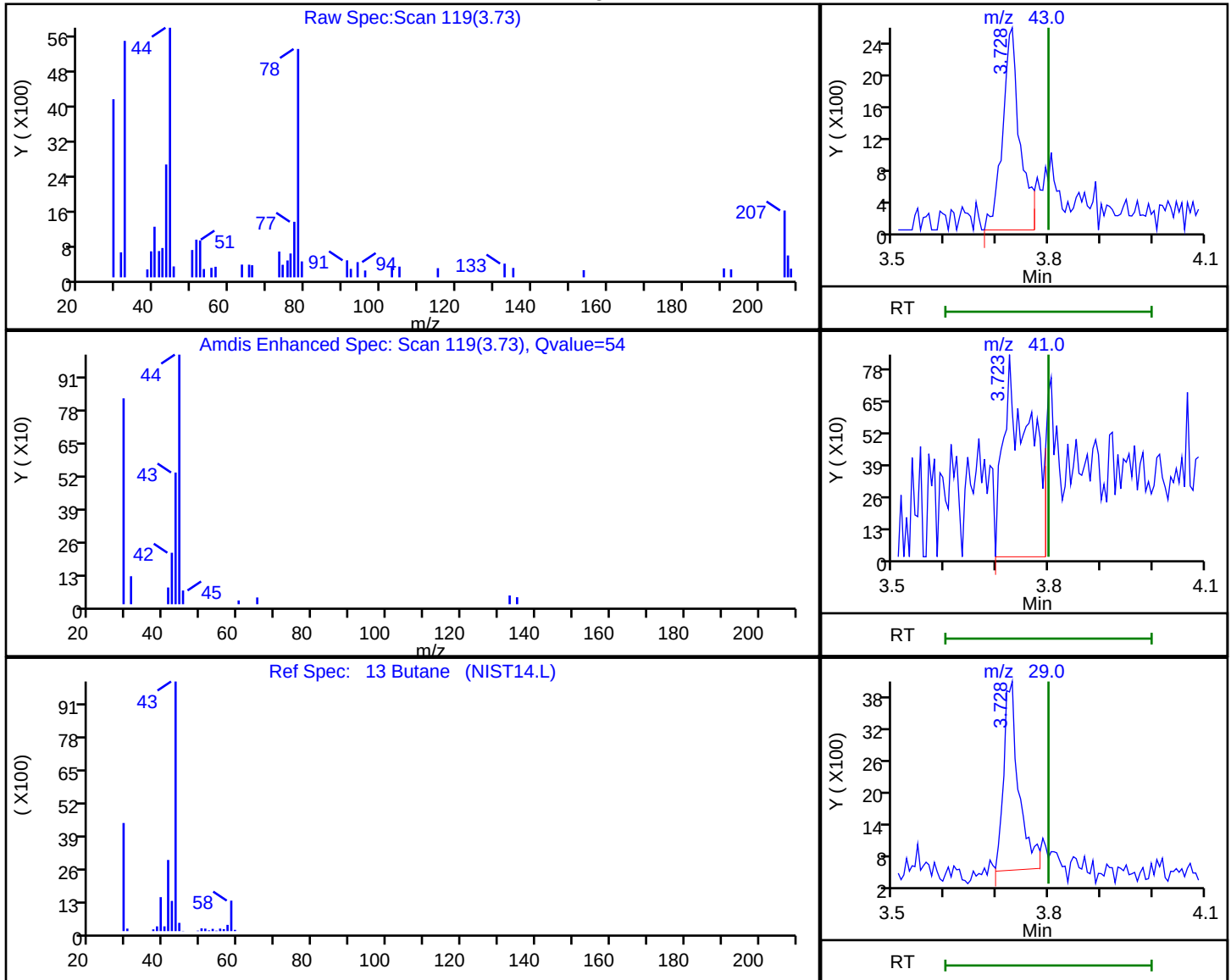


Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK13.D
Injection Date: 12-Nov-2020 18:04:30 Instrument ID: MR
Lims ID: 140-20953-A-13 Lab Sample ID: 140-20953-13
Client ID: 11284
Operator ID: HMT ALS Bottle#: 15 Worklist Smp#: 14
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

13 Butane, CAS: 106-97-8

Processing Results



RT	Mass	Response	Amount
3.73	43.00	6087	0.044868
3.72	41.00	2994	
3.73	29.00	7262	

Reviewer: khachitpongpanits, 13-Nov-2020 15:05:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000740 Lab Sample ID: 140-20953-14
 Matrix: Air Lab File ID: 20953BK14.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000740 Lab Sample ID: 140-20953-14
 Matrix: Air Lab File ID: 20953BK14.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 34000740 Lab Sample ID: 140-20953-14
 Matrix: Air Lab File ID: 20953BK14.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 18:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK14.D
 Lims ID: 140-20953-A-14
 Client ID: 34000740
 Sample Type: Client
 Inject. Date: 12-Nov-2020 18:52:30 ALS Bottle#: 16 Worklist Smp#: 15
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-015
 Misc. Info.: 34000740
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:06:39 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:06:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.237	8.242	-0.005	95	309147	4.80	
* 2 1,4-Difluorobenzene	114	10.464	10.469	-0.005	95	1727674	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	88	1403421	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.962	16.967	-0.005	86	966622	3.99	
48 1,2-Dichloroethane	62	9.364	9.385	-0.021	25	4534	0.0293	
61 1,4-Dioxane	88	11.542	11.467	0.075	10	1797	0.0338	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK14.D

Injection Date: 12-Nov-2020 18:52:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-14

Lab Sample ID: 140-20953-14

Worklist Smp#: 15

Client ID: 34000740

Purge Vol: 500.000 mL

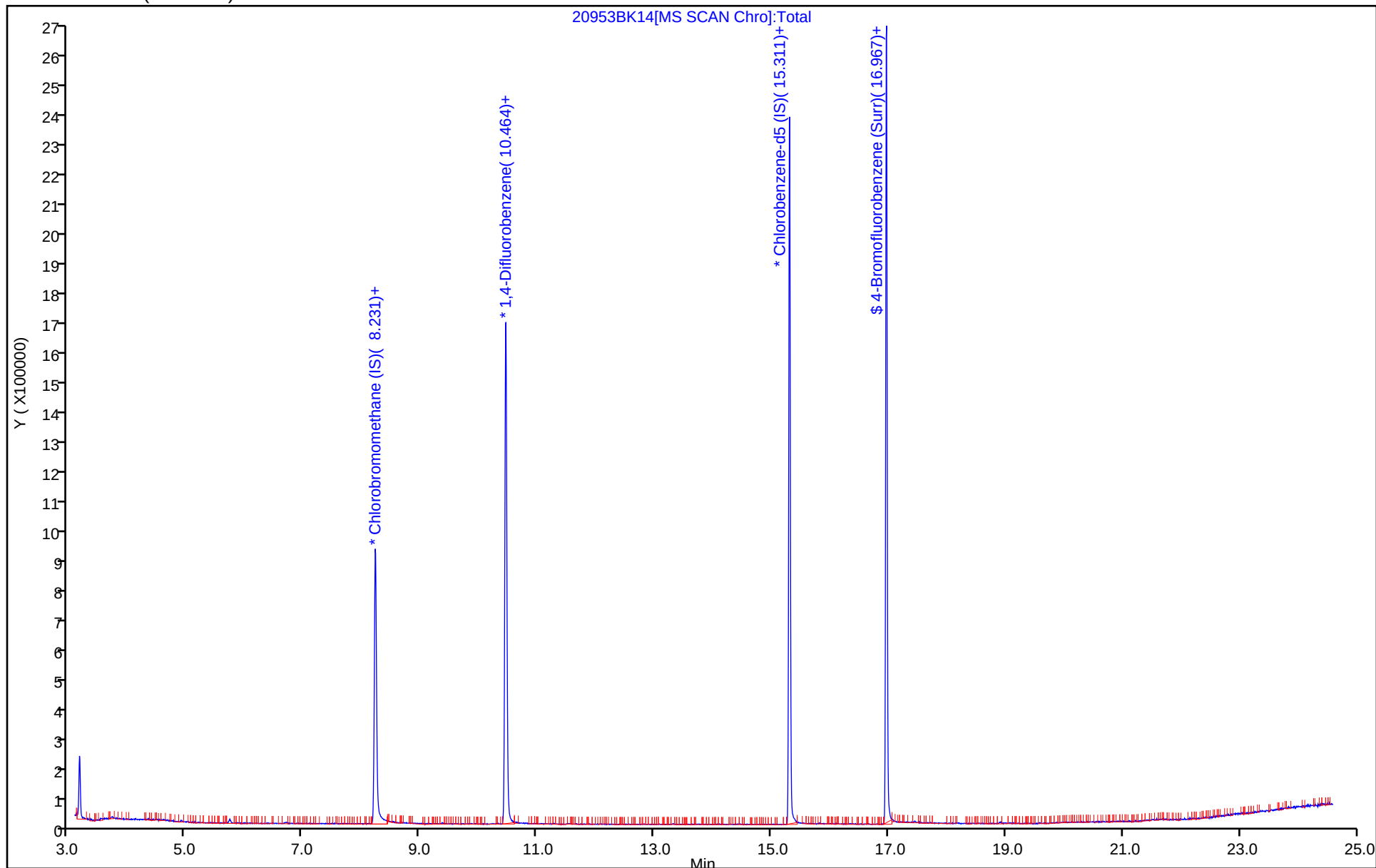
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK14.D

Injection Date: 12-Nov-2020 18:52:30

Instrument ID: MR

Lims ID: 140-20953-A-14

Lab Sample ID: 140-20953-14

Client ID: 34000740

Operator ID: HMT

ALS Bottle#: 16

Worklist Smp#: 15

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

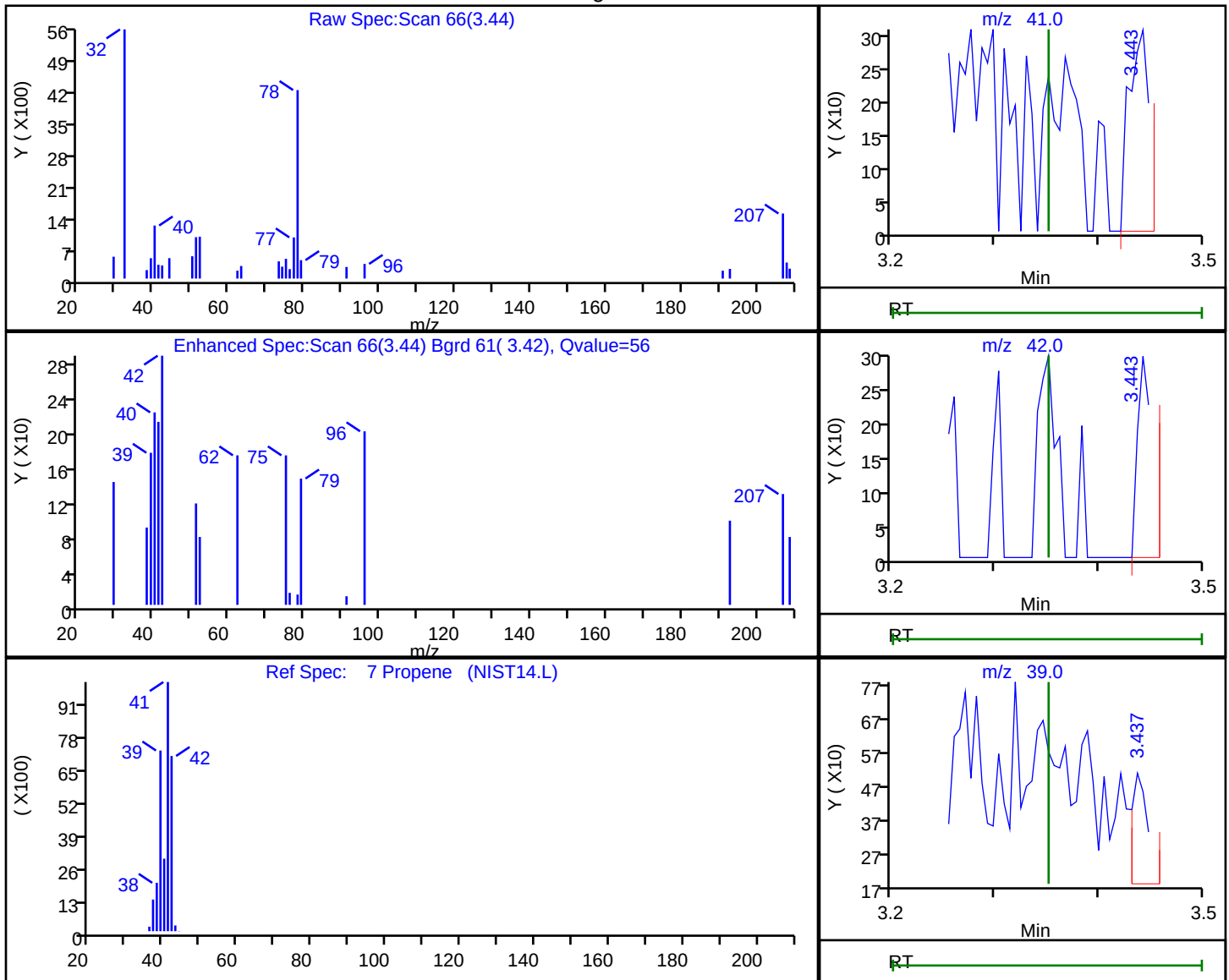
Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

7 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.44	41.00	389	0.004415
3.44	42.00	224	
3.44	39.00	382	

Reviewer: khachitpongpanits, 13-Nov-2020 15:06:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11615 Lab Sample ID: 140-20953-15
 Matrix: Air Lab File ID: 20953BK15.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 19:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11615 Lab Sample ID: 140-20953-15
 Matrix: Air Lab File ID: 20953BK15.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 19:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 11615 Lab Sample ID: 140-20953-15
 Matrix: Air Lab File ID: 20953BK15.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 19:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK15.D
 Lims ID: 140-20953-A-15
 Client ID: 11615
 Sample Type: Client
 Inject. Date: 12-Nov-2020 19:40:30 ALS Bottle#: 17 Worklist Smp#: 16
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-016
 Misc. Info.: 11615
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:06:39 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:07:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.236	8.242	-0.006	95	311230	4.80	
* 2 1,4-Difluorobenzene	114	10.464	10.469	-0.005	95	1730052	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	89	1401853	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.967	-0.006	86	977184	4.04	
7 Propene	41	3.362	3.351	0.011	9	842	0.009493	7
42 cis-1,2-Dichloroethene	96	7.902	7.908	-0.011	33	1680	0.0158	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK15.D

Injection Date: 12-Nov-2020 19:40:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-15

Lab Sample ID: 140-20953-15

Worklist Smp#: 16

Client ID: 11615

Purge Vol: 500.000 mL

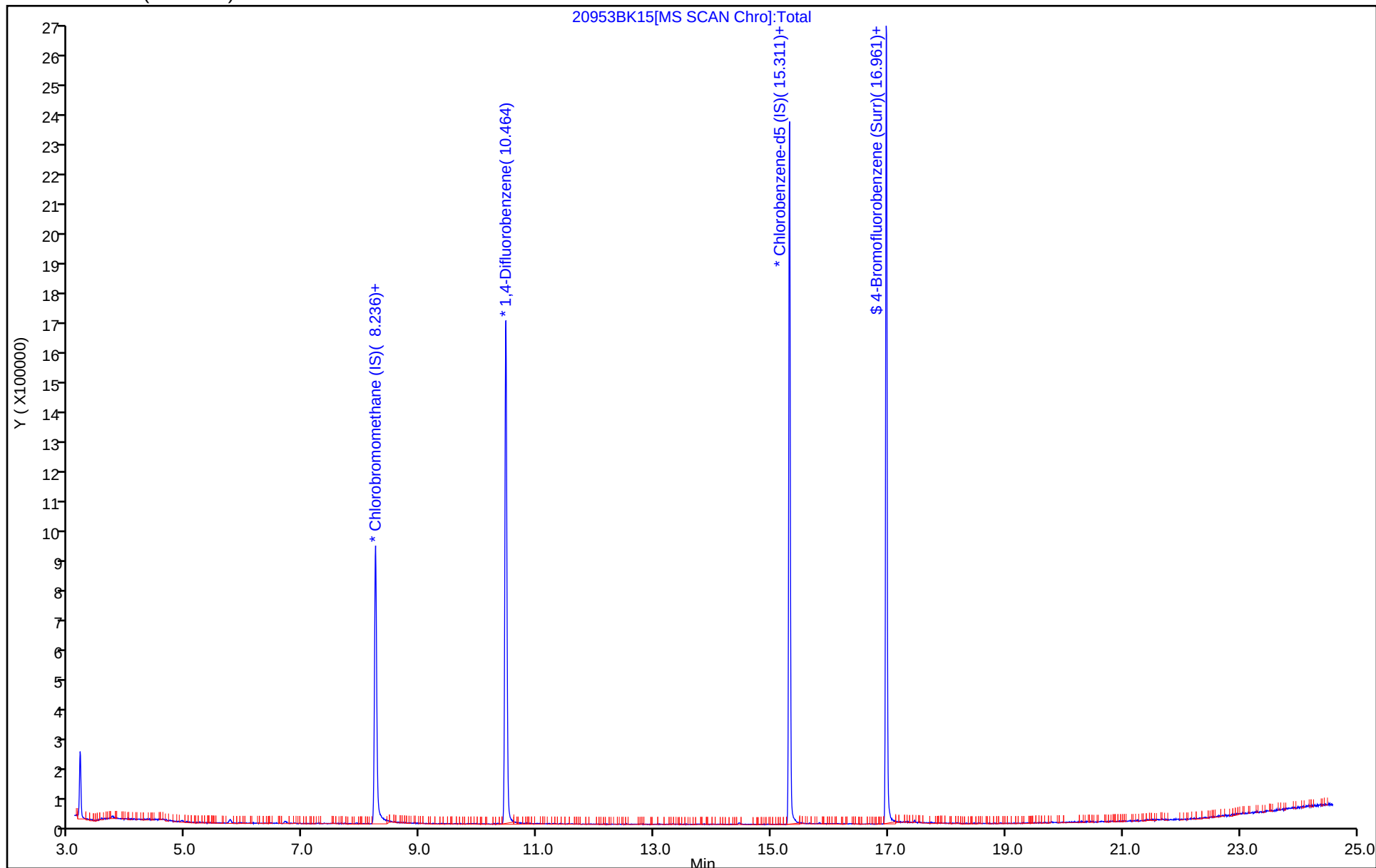
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 09831 Lab Sample ID: 140-20953-16
 Matrix: Air Lab File ID: 20953BK16.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 20:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.20	
79-00-5	1,1,2-Trichloroethane	ND		0.20	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.20	
75-34-3	1,1-Dichloroethane	ND		0.20	
75-35-4	1,1-Dichloroethene	ND		0.20	
87-61-6	1,2,3-Trichlorobenzene	ND		1.0	
96-18-4	1,2,3-Trichloropropane	ND		0.50	
526-73-8	1,2,3-Trimethylbenzene	ND		0.20	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.20	
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	
95-63-6	1,2,4-Trimethylbenzene	ND		0.20	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.40	
106-93-4	1,2-Dibromoethane	ND		0.20	
95-50-1	1,2-Dichlorobenzene	ND		0.40	
107-06-2	1,2-Dichloroethane	ND		0.20	
78-87-5	1,2-Dichloropropane	ND		0.20	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.20	
108-67-8	1,3,5-Trimethylbenzene	ND		0.20	
106-99-0	1,3-Butadiene	ND		0.40	
541-73-1	1,3-Dichlorobenzene	ND		0.20	
106-46-7	1,4-Dichlorobenzene	ND		0.20	
123-91-1	1,4-Dioxane	ND		0.40	
71-36-3	1-Butanol	ND		2.0	
90-12-0	1-Methylnaphthalene	ND		2.5	
540-84-1	2,2,4-Trimethylpentane	ND		0.40	
565-59-3	2,3-Dimethylpentane	ND		0.20	
78-93-3	2-Butanone	ND		1.0	
95-49-8	2-Chlorotoluene	ND		0.40	
591-78-6	2-Hexanone	ND		0.40	
78-78-4	2-Methylbutane	ND		0.50	
91-57-6	2-Methylnaphthalene	ND		2.5	
107-83-5	2-Methylpentane	ND		0.20	
107-05-1	3-Chloropropene	ND		0.20	
622-96-8	4-Ethyltoluene	ND		0.40	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1.0	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 09831 Lab Sample ID: 140-20953-16
 Matrix: Air Lab File ID: 20953BK16.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 20:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		7.5	
75-05-8	Acetonitrile	ND		1.0	
107-02-8	Acrolein	ND		1.0	
107-13-1	Acrylonitrile	ND		2.0	
98-83-9	Alpha Methyl Styrene	ND		0.40	
71-43-2	Benzene	ND		0.20	
100-44-7	Benzyl chloride	ND		0.40	
75-27-4	Bromodichloromethane	ND		0.20	
75-25-2	Bromoform	ND		0.20	
74-83-9	Bromomethane	ND	*	0.20	
106-97-8	Butane	ND		1.0	
75-15-0	Carbon disulfide	ND		0.40	
56-23-5	Carbon tetrachloride	ND		0.20	
108-90-7	Chlorobenzene	ND		0.20	
75-45-6	Chlorodifluoromethane	ND		0.20	
75-00-3	Chloroethane	ND	*	0.20	
67-66-3	Chloroform	ND		0.20	
74-87-3	Chloromethane	ND		1.0	
156-59-2	cis-1,2-Dichloroethene	ND		0.20	
10061-01-5	cis-1,3-Dichloropropene	ND		0.40	
98-82-8	Cumene	ND		0.40	
110-82-7	Cyclohexane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.20	
74-95-3	Dibromomethane	ND		0.40	
75-71-8	Dichlorodifluoromethane	ND		0.20	
64-17-5	Ethanol	ND		5.0	
141-78-6	Ethyl acetate	ND		2.0	
60-29-7	Ethyl ether	ND		2.0	
100-41-4	Ethylbenzene	ND		0.20	
87-68-3	Hexachlorobutadiene	ND		1.0	
110-54-3	Hexane	ND		0.40	
496-11-7	Indane	ND		0.20	
95-13-6	Indene	ND		0.40	
67-63-0	Isopropyl alcohol	ND		2.0	
179601-23-1	m&p-Xylene	ND		0.20	
80-62-6	Methyl methacrylate	ND		0.40	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Knoxville Job No.: 140-20953-1
 SDG No.: _____
 Client Sample ID: 09831 Lab Sample ID: 140-20953-16
 Matrix: Air Lab File ID: 20953BK16.D
 Analysis Method: TO-15 Date Collected: 11/06/2020 11:25
 Sample wt/vol: 200 (mL) Date Analyzed: 11/12/2020 20:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 44377 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
1634-04-4	Methyl tert-butyl ether	ND		1.0	
108-87-2	Methylcyclohexane	ND		0.20	
75-09-2	Methylene Chloride	ND		1.0	
91-20-3	Naphthalene	ND		0.40	
104-51-8	n-Butylbenzene	ND		0.40	
124-18-5	n-Decane	ND		1.0	
112-40-3	n-Dodecane	ND		1.0	
142-82-5	n-Heptane	ND		0.40	
111-84-2	n-Nonane	ND		0.40	
111-65-9	n-Octane	ND		0.40	
103-65-1	N-Propylbenzene	ND		0.40	
1120-21-4	n-Undecane	ND		1.0	
95-47-6	o-Xylene	ND		0.20	
99-87-6	p-Cymene	ND		0.20	
109-66-0	Pentane	ND		2.5	
115-07-1	Propene	ND		2.5	
135-98-8	sec-Butylbenzene	ND		0.40	
100-42-5	Styrene	ND		0.20	
75-65-0	tert-Butanol	ND		1.0	
98-06-6	tert-Butylbenzene	ND		0.40	
127-18-4	Tetrachloroethene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		1.0	
110-02-1	Thiophene	ND		0.20	
108-88-3	Toluene	ND		1.0	
156-60-5	trans-1,2-Dichloroethene	ND		0.20	
10061-02-6	trans-1,3-Dichloropropene	ND		0.20	
79-01-6	Trichloroethene	ND		0.20	
75-69-4	Trichlorofluoromethane	ND		0.20	
108-05-4	Vinyl acetate	ND		1.0	
593-60-2	Vinyl bromide	ND	*	0.20	
75-01-4	Vinyl chloride	ND	*	0.40	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK16.D
 Lims ID: 140-20953-A-16
 Client ID: 09831
 Sample Type: Client
 Inject. Date: 12-Nov-2020 20:28:30 ALS Bottle#: 1 Worklist Smp#: 17
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info: 140-0017254-017
 Misc. Info.: 09831
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 13-Nov-2020 15:08:20 Calib Date: 23-Oct-2020 02:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20201022-17014.b\RJ22IC07.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1661

First Level Reviewer: khachitpongpanits

Date: 13-Nov-2020 15:08:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.237	8.242	-0.005	96	314842	4.80	
* 2 1,4-Difluorobenzene	114	10.464	10.469	-0.005	95	1737113	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.311	15.311	0.000	88	1426439	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	16.961	16.967	-0.006	86	988571	4.01	
58 Trichloroethene	130	11.208	11.202	0.006	9	1112	0.008655	

QC Flag Legend

Processing Flags

Reagents:

40MXISSUR_00001

Amount Added: 40.00

Units: mL

Run Reagent

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK16.D

Injection Date: 12-Nov-2020 20:28:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-20953-A-16

Lab Sample ID: 140-20953-16

Worklist Smp#: 17

Client ID: 09831

Purge Vol: 500.000 mL

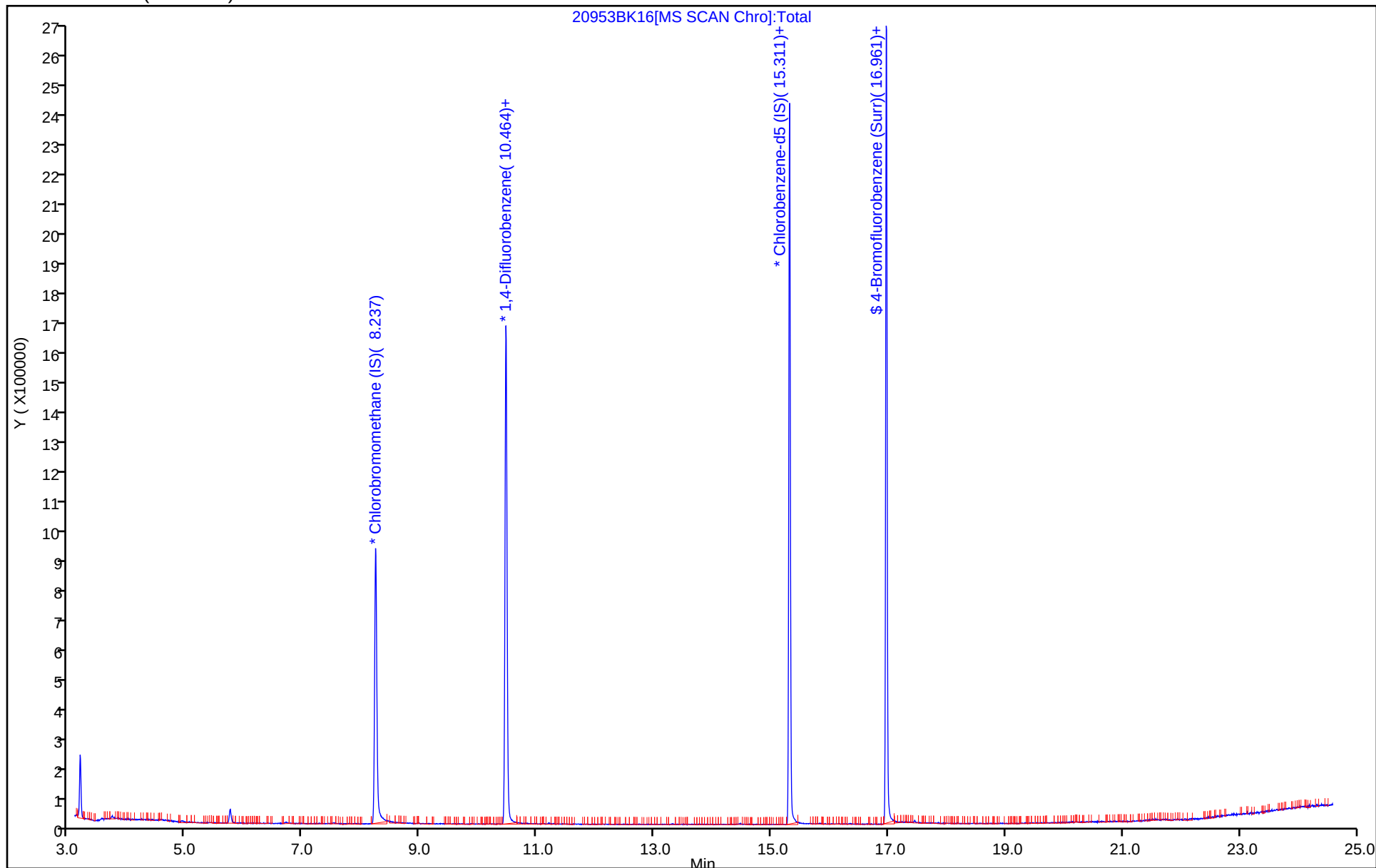
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)



Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20201111-17254.b\20953BK16.D

Injection Date: 12-Nov-2020 20:28:30

Instrument ID: MR

Lims ID: 140-20953-A-16

Lab Sample ID: 140-20953-16

Client ID: 09831

Operator ID: HMT

ALS Bottle#: 1 Worklist Smp#: 17

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

Method: MR_TO15

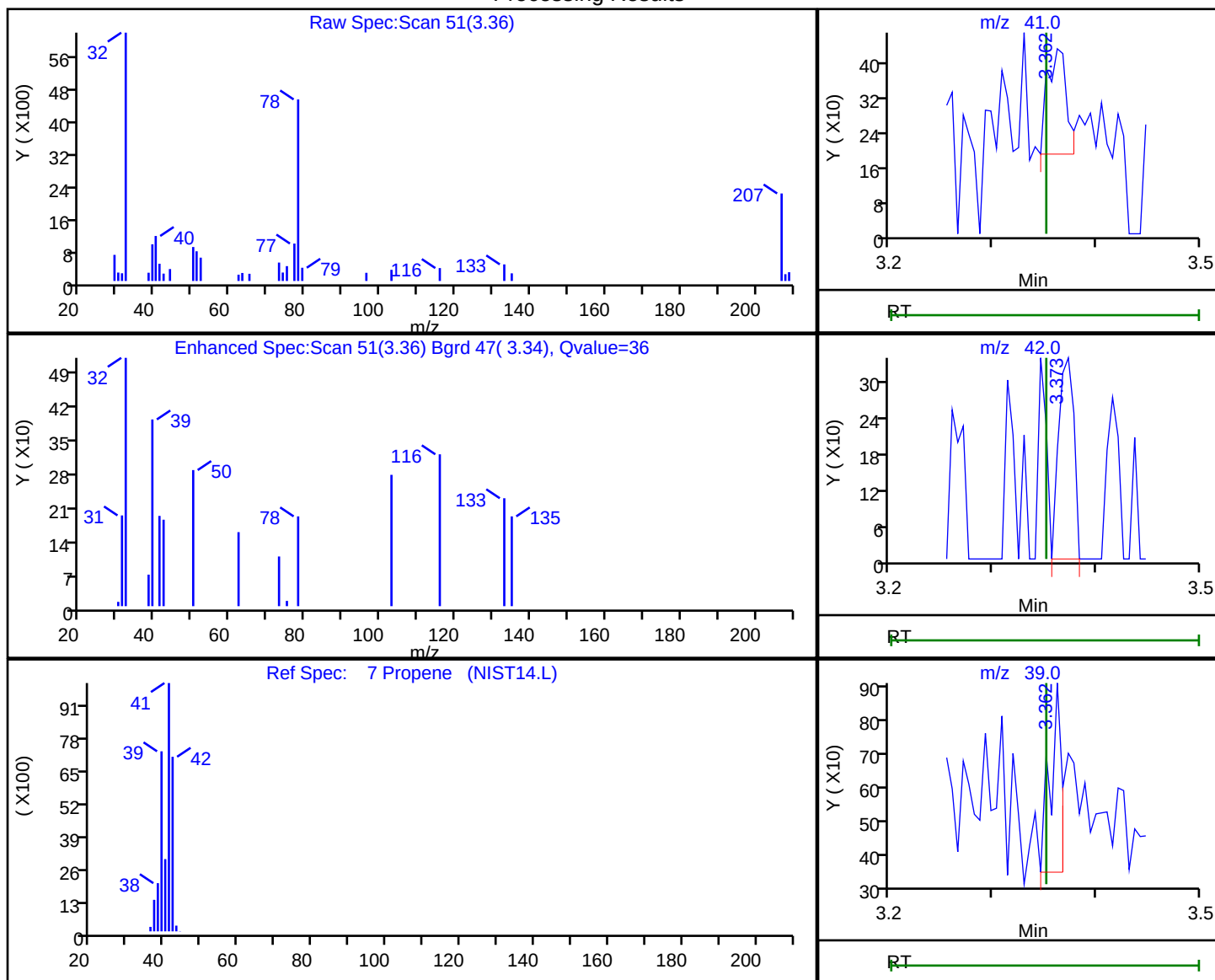
Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

7 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
3.36	41.00	312	0.003477
3.37	42.00	347	
3.36	39.00	435	

Reviewer: khachitpongpanits, 13-Nov-2020 15:07:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Shipping and Receiving Documents

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Are the shipping containers intact?	/			☐ Containers, Broken	
2. Were ambient air containers received intact?			/	☒ Checked in lab	
3. The coolers/containers custody seal if present, is it intact?			/	☐ Yes ☐ NA	
4. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C) Thermometer ID: _____ Correction factor: _____			/	☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt	
5. Were all of the sample containers received intact?	/			☐ Containers, Broken	
6. Were samples received in appropriate containers?	/			☐ Containers, Improper; Client Contacted; Proceed/Cancel	
7. Do sample container labels match COC? (IDs, Dates, Times)	/			☐ COC & Samples Do Not Match ☐ COC Incorrect/Incomplete ☐ COC Not Received	
8. Were all of the samples listed on the COC received?	/			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received	
9. Is the date/time of sample collection noted?	/			☐ COC; No Date/Time; Client Contacted	Labeling Verified by: _____ Date: _____
10. Was the sampler identified on the COC?	/			☐ Sampler Not Listed on COC	pH test strip lot number: _____
11. Is the client and project name/# identified?	/			☐ COC Incorrect/Incomplete	
12. Are tests/parameters listed for each sample?	/			☐ COC No tests on COC	
13. Is the matrix of the samples noted?	/			☐ COC Incorrect/Incomplete	
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ COC Incorrect/Incomplete	Box 16A: pH Preservation Box 18A: Residual Chlorine
15. Were samples received within holding time?	/			☐ Holding Time - Receipt	Preservative: _____
16. Were samples received with correct chemical preservative (excluding Encore)?				☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative	Lot Number: _____ Exp Date: _____ Analyst: _____
17. Were VOA samples received without headspace?			/	☐ Headspace (VOA only) ☐ Residual Chlorine	Date: _____ Time: _____
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number: _____			/		
19. For 1613B water samples is pH<9?			/	☐ If no, notify lab to adjust	
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info	

Project #: 14005815 PM Instructions: _____

Sample Receiving Associate: Ken Date: 12/10/20

TestAmerica Knoxville - Air Canister Initial Pressure Check

Gauge ID: G5
Date: 12/10/2020

[illegible]