

New York State Department of Environmental Conservation

Division of Environmental Remediation

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**Department of
Environmental
Conservation**

MEMORANDUM

TO: FILE

FROM: Brian Jankauskas, P.E.

SUBJECT: 2021 Groundwater Monitoring and Periodic Review

Site Name: Camarota Cleaners

Site Code: 546044

City: Mechanicville

County: Saratoga

DATE: September 9, 2021

The Camarota Cleaners site is located in Mechanicville, New York, see Figure 1. Groundwater monitoring was performed at the above-referenced site on June 25, 2021 by the New York State Department of Environmental Conservation (NYSDEC). Monitoring was performed in accordance with the Site Management Plan (SMP) dated June 2011 for this site. A second site visit was performed on September 3, 2021, to complete site inspection and maintenance activities. Details of the groundwater monitoring and periodic review activities are present below.

Groundwater Monitoring Procedures

Groundwater monitoring was performed on June 25, 2021. At each well the depth to the static water level was measured using a water interface probe. Measurements were recorded to the nearest 0.01 foot. These measurements are included in Table 1. MW-05 could not be located and MW-06 was damaged so they could not be surveyed. These issues likely stemmed from the new sidewalk installed next to these monitoring wells as MW-06 riser was exposed and MW-05 was later determined to be covered by soil, which prevented the well from being located during the sampling event.

The current owner landscaped the back portion of the property. The landscaping resulted in ~4 inches of stone being placed over monitoring wells MW-03 and MW-04. The stone was removed from MW-03 to access the well. The owner extended the riser (electrical conduit) and well casing (PVC cleanout) at MW-04 to permit access. The locations of the monitoring wells are shown on Figure 1.

Before the monitoring wells were sampled, the monitoring wells were purged with a peristaltic pump. Polyethylene tubing and peristaltic pump tubing were decontaminated prior to setup at each monitoring well location. The goal was to purge three to five well volumes prior to sampling. Groundwater parameters (pH, temperature, and conductivity) were recorded during purging to evaluate stabilization. Purge logs are provided in Appendix A.

Purge water was collected and filtered using a ~3-inch by ~10-inch carbon cartridge prior to discharge to ground surface.

After purging the monitoring wells, samples were collected by utilizing a new disposable bailer at each monitoring well. The samples were managed in accordance with the SMP. Quality assurance/quality control (QA/QC) samples were also obtained in accordance with the SMP. QA/QC samples included a duplicate of MW-02, an equipment blank from a disposable bailer, and a trip blank. After obtaining the samples, they were delivered to Eurofins Laboratories, Inc., a New York State Department of Health NELAP-certified laboratory. Samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) by EPA method 8260C. The laboratory Category B deliverable is included in Appendix B.

Groundwater Monitoring Results

The analytical results for VOCs are presented in Table 2. The primary site contaminants tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and vinyl chloride (VC) are depicted in Figure 2. The duplicate sample from MW-02 contained the highest detection of PCE at 48 micrograms per liter (ug/l) and TCE at 13 ug/l, but MW-01 contained the highest detection of DCE at 20 ug/l and MW-04 contained the highest detection of VC at 4.0 ug/l.

The analytical results from 2007 to 2021 for the primary contaminants are presented in Table 3 for monitoring wells MW-01, MW-02, MW-03, and MW-04. The groundwater sampling results from June 2021 were compared to previous groundwater sampling results to evaluate the changes in groundwater conditions at the site. In general, the concentrations of the primary contaminants tend to show similar concentrations to historical data. The primary contaminant, PCE, was only detected above groundwater standard at MW-02. TCE was only detected above the groundwater standard at MW-02. DCE was detected above the groundwater

standards at MW-01, MW-02, and MW-03. DCE concentrations at MW-04 have been decreasing and this is the first time that it has been detected below the groundwater standard. VC was detected above the groundwater standard at MW-01, MW-02, MW-03, and MW-04. Groundwater results indicate that reductive dechlorination is still occurring since PCE degradation products (TCE, DCE, and VC) were detected at the four onsite wells.

Based on the review of the QA/QC samples (duplicate at MW-02, an equipment blank, and a trip blank) and the laboratory narrative provided in Appendix B, the analytical results are usable for assessing groundwater trends. The complete laboratory package is included in Appendix B.

Site-Wide Inspection and Periodic Certification

June 25, 2021: NYSDEC assessed the site by completing the Site-Wide Inspection List and Periodic Operations Visit Form, Appendix A. The site building was divided into two apartment units. Field staff was unable to enter the building during the inspection and recorded sub-slab depressurization monometer vacuum value. Field staff did hear the fans when standing outside the building.

During the site inspection, monitoring well MW-05 was not located and MW-06 PVC riser was exposed. The property owner where MW-07 is located, requested that the monitoring well be removed as the monitoring well is posing a tripping hazard due to frost heaves pushing the flushmount above the ground surface.

September 3, 2021: Field staff was able to enter the building and record monometer vacuum value, see Appendix A picture. During this event NYSDEC directed a contractor to repair/abandon monitoring wells. The following activities were performed:

- Three monitoring wells, identified as MW-03, MW-04, and MW-05, were modified so the flushmount was at the surface to permit future access.
- Four monitoring wells, identified as MW-06, MW-07, MW-08, and MW-09 were abandoned. MW-06 flushmount was removed and the exposed PVC pipe was partially filled in as refusal was measured at 4 feet below ground surface. MW-06 has typically been dry since the remedial investigation, which has prevented the collection of groundwater samples. MW-07 was a tripping hazard and monitoring of this up-gradient well detected minimal site contamination, if any. MW-08 and MW-09 were bedrock monitoring wells that detected minimal contamination during the remedial investigation, so they were not part of the site monitoring program.

Field logs and photographs from site activities can be found in Appendix A.

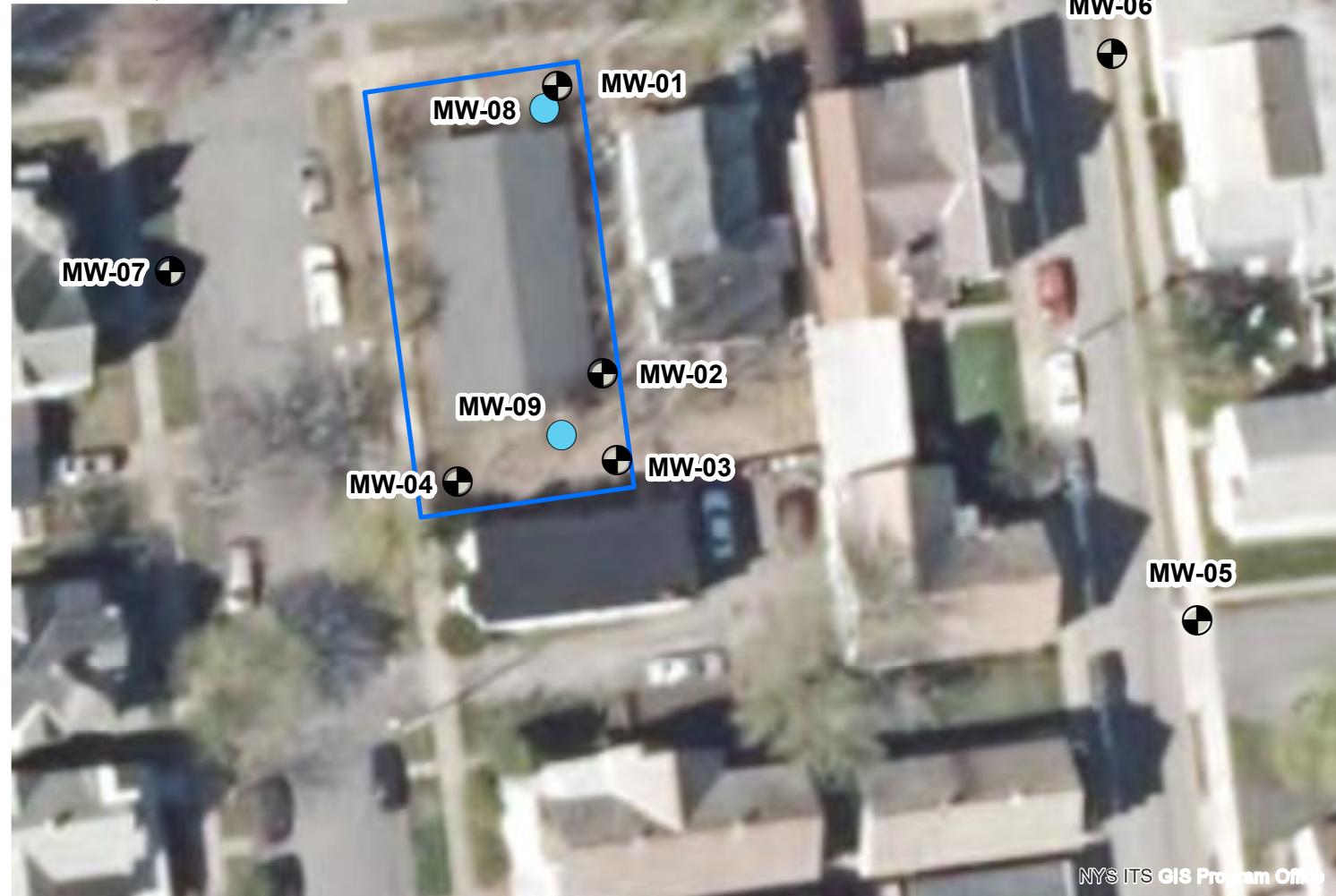
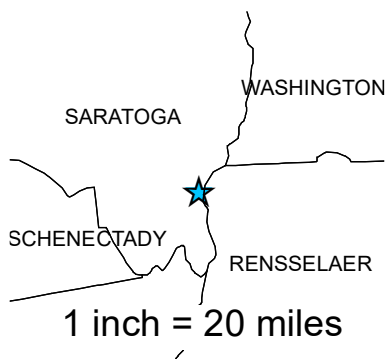
Certifications by the property owner regarding compliance with the SMP are included in Appendix C.

Summary and Recommendations

Groundwater VOC concentrations were found to be consistent with the previous results for the site monitoring wells. The highest detection of a primary contaminant was PCE at 48 µg/L within the duplicate sample collected from MW-02. Primary contaminants were not detected up-gradient monitoring well. Groundwater samples were not obtained from the down-gradient monitoring wells as they were damaged (MW-06) or covered (MW-05) during construction of the sidewalk. Routine groundwater monitoring should be performed to monitor the VOC levels, as the onsite monitoring wells were found to contain site related VOC contamination exceeding the NYSDEC GA Groundwater standard for their respective compounds. Reductive dichlorination continues to occur, which indicates that site contamination is reducing.

The sub-slab depressurization system was operating continues to be protective of the building occupants.

Based on this information, the site is in compliance with the SMP and continued site management activities are still necessary. Future certifications by the property owner are necessary to verify compliance with the SMP.



Legend

-  Overburden Monitoring Well
-  Bedrock Monitoring Well
-  Site Boundary



0 20 40 80
Feet

1 inch = 40 feet



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Figure 1

Monitoring Well Location Plan
Camarota Cleaners, Site No. 546044



Legend

Site Boundary

Monitoring Well

0 20 40 80 Feet

1 inch = 40 feet

N

CVOCs	Abbreviation	Groundwater Standard (µg/L)
Tetrachloroethene	PCE	5
Trichlorethene	TCE	5
cis-1,2-dichloroethene	DCE	5
Vinyl chloride	VC	2

U: Not detected
J: Estimated

Camarota Cleaners
Mechanicville, New York
Site Number: 546044

Site Number: 546044

Groundwater Elevations for June 25, 2021

Monitoring Well Identification	Casing Construction	X-Coordinate	Y-Coordinate	Elevation at Top of Riser Pipe (ft AMSL)	Bottom of Monitoring Well Elevation (ft AMSL)	Top of Screen Elevation (ft AMSL)	Depth to Water (ft)	Elevation of Ground Water (ft AMSL)
MW-01	Flushmount	-73.690947	42.903319	104.32	9.39	3.75 - 9.75	5.6	98.72
MW-02	Flushmount	-73.690909	42.903098	105.35	10.19	3.75 - 10.7	6.56	98.79
MW-03	Flushmount	-73.690896	42.903048	105.51	11.11	4.7 - 11.7	6.34	99.17
MW-04	Flushmount	-73.691028	42.903037	adjusted	10.73	4.1 - 11.1	6.47	NA
MW-05	Flushmount	-73.690421	42.902975	101.03	14.21	5.0 - 15.0	not located	NA
MW-06	Flushmount	-73.690471	42.903307	101.62	11.87	4.0 - 12.0	destroyed	NA
MW-07	Flushmount	-73.691294	42.903186	105.63	9.49	5.0 - 10.0	6.36	99.27

NOTE: ft AMSL = feet above mean sea level

Table 2
Camarota Cleaners
Mechanicville, New York
Site Number 546044
Volatile Organic Results - June 2021

Location	Groundwater	MW-01		MW-02		MW-02 (DUP)		MW-03		MW-04		MW-07	
Sample Date	Standard	25 Jun 2021		25 Jun 2021		25 Jun 2021		25 Jun 2021		25 Jun 2021		25 Jun 2021	
Chemical Name		Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	0.4	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	1	U	1	U	1	U	1	U	1	U	1	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NC	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NC	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	50	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	5	4		31		48		3.4		0.79	J	1	U
Xylenes	5	2	U	2	U	2	U	2	U	2	U	2	U
Cis-1,2-Dichloroethylene	5	20		9.9		15		16		3		1	U
Trans-1,2-Dichloroethene	5	1	U	0.96	J	1.7		1	U	1	U	1	U
Tert-Butyl Methyl Ether	10	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U	1.3	
Benzene	1	1	U	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane (TCA)	5	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	2.5		1.2		2.5		3.9		4		1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U
Methyl Ethyl Ketone (2-Butanone)	50	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethylene (TCE)	5	3.9		8.4		13		2.3		0.78	J	1	U
Methyl Acetate	NC	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	0.04	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene (Cumene)	5	1	U	1	U	1	U	1	U	1	U	1	U

Notes
Units: micrograms per liter (ug/l)
U: Not Detected
J: Approximate Value

Table 3
 Camarota Cleaners
 Mechanicville, New York
 Site Number: 546044
CVOCs Trends In On-Site Monitoring Wells

CVOC Analyte	Groundwater Sampling Date	On-site Monitoring Well Location ID			
		MW-01	MW-02	MW-03	MW-04
Tetrachloroethene (PCE)	5/2/2007	43	30	17	35
	9/25/2007	400	39	9	26
	10/22/2007	380	18	12	25
	4/21/2008	83	34	9.3	27
	7/15/2008	110	23	8.3	31
	9/25/2008	130	42	5.8	17
	1/5/2009	59	22	4.2	9.6
	4/20/2009	62	36	6.2	14
	6/14/2011	65	28	7.3	9.7
	6/13/2012	9.9	4.2	2.5	3.8
	6/11/2013	3.3	16	2.1	1.6
	6/10/2014	2.7	31	0.66	U
	6/24/2015	4.5	65	1	0.43
	6/8/2016	3.3	58	0.78 J	U
	6/21/2017	2.5	46	0.90 J	U
	6/6/2018	1.6	51	0.47 J	0.48 J
	7/12/2019	1.9	45	1.1	U
	6/25/2021	4	48	3.4	0.79 J
Trichloroethene (TCE)	5/2/2007	21	1.8	32	11
	9/25/2007	46	3	21	14
	10/22/2007	43	1	18	12
	4/21/2008	17	2.4	23	7.9
	7/15/2008	22	2.4	34	13
	9/25/2008	23	3.7	39	12
	1/5/2009	11	1.6	16	5.2
	4/20/2009	11	2.8	31	7.5
	6/14/2011	19	7	10	12
	6/13/2012	8.3	0.58	17	4.7
	6/11/2013	1	5	14	8.2
	6/10/2014	4.5	10	8.7	1.7
	6/24/2015	6.9	15	8.2	0.94
	6/8/2016	5.2	15	4.8	0.76 J
	6/21/2017	5.9	15	2.6	0.50 J
	6/6/2018	4.5	19	5.5	0.49 J
	7/12/2019	1.6	15	1.9	U
	6/25/2021	3.9	13	2.3	0.78 J
cis-1,2-dichloroethene (cis-1,2-DCE)	5/2/2007	12	U	75	5.3
	9/25/2007	48	U	130	35
	10/22/2007	48	U	91	21
	4/21/2008	12	U	90	7.5
	7/15/2008	17	U	140	21
	9/25/2008	22	U	180	34
	1/5/2009	9	U	72	8.3
	4/20/2009	10	U	100	10
	6/14/2011	19	6.6	35	29
	6/13/2012	21	U	78	14
	6/11/2013	3.1	6.2	77	19
	6/10/2014	21	17	79	15
	6/24/2015	61	21	63	17
	6/8/2016	35	19	50	16
	6/21/2017	54	24	11	11
	6/6/2018	34	26	48	11
	7/12/2019	24	27	15	6
	6/25/2021	20	15	16	3
Vinyl chloride (VC)	5/2/2007	U	U	26	1.5
	9/25/2007	U	U	U	U
	10/22/2007	U	U	U	U
	4/21/2008	U	U	29	U
	7/15/2008	U	U	35	7.6
	9/25/2008	2.6 J	U	62 J	13
	1/5/2009	U	U	17	4.5
	4/20/2009	1.9	U	17	2.4
	6/14/2011	U	U	11	9.8 J
	6/13/2012	2.7	U	24	3.8
	6/11/2013	U	U	29	5.9
	6/10/2014	2.3	3.9	33	2.5
	6/24/2015	6.6	6.6	35	3.4
	6/8/2016	9.5	5.1	28	5
	6/21/2017	4.3	6.4	3.8	4.6
	6/6/2018	2.6	7.6	26	5.1
	7/12/2019	1.4	6.9	3.4	7.2
	6/25/2021	2.5	2.5	3.9	4
Notes					
1. Analytical results shown in table are in µg/L.					
2. CVOC = Chlorinated volatile organic compounds					
3. U = Analyte was not detected above the laboratory method detection limit.					
4. J = estimated (above detection limit but below reporting limit)					

Appendix A

66901 miles



Department of
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Division of Environmental Remediation
Central Office

Field Log

Site Code #: 546044	Date: 6/25/21

Site Name: Camarotta Cleaners
Location: Mechanicville
Hogback Falls, New York
DEC Project Manager: Brian Santkowski

	AM	PM
Weather	Sunny ~~ET~~	Sunny
Temperature	67	75
Wind Direction		

Objective: ground water sampling and site inspection.

Description of Inspection Activities and Discussions:

845 on site spoke with neighbor at 101 Second Street
the flood mount near her sidewalk is heaving and needs
to be readjusted. She requested it be removed.
930 the two wells on first street have been damaged/
removed when a new sidewalk was constructed.
1445 off site

Health & Safety:

Level of protection: Level D, used nitrile gloves

Site Representative:

Representative's Signature:

Brian Santkowski

Date:

6/25/21

Site-Wide Inspection List
Camarota Cleaners Site
325 Park Avenue, Mechanicville, NY

Date of Inspection: 6/25/21

Inspection by: BFS

Site-wide inspections will be performed to assess the following:

1. Reason for inspection? annual sampling event
2. Is the Site Management Plan present at the site? unable to get in, owner did not show up.
3. Verify owner contact information for the site? yes
4. Is the site occupied and if so used for? rental property
5. Has the building footprint changed? no
6. Is the on-site vapor mitigation system working as designed? the vms are present and are making a noise, unable to verify monometers.
7. Is a potable well present on site? no
8. Condition of monitoring wells? MW-7 is leaking air
MW-5 & MW-6 have been damaged
when a sidewalk was installed.

9. Any sampling or testing performed? groundwater.

10. Provide any details regarding site conditions and attach photographs as needed. _____

MW-3 covered by gravel which was
removed to facilitate sampling.

Environment Testing
America

Ver: 11/01/2020

Monitoring Well Sampling Log

Well No.: MW 1
Project: 546044
Camarota

Date: 6/25/2024
Location: Mechanicville

Project No.: 100
Casing Type:
Screen Length:
Measuring Point:
Well Diameter: 11
Well Depth: 9.40
Water Level: 5.60
Water Column: 3.8
1 Volume (gal.): 0.19

Purge Device: *Peri*
 Start Purge: *11:39*
 Stop Purge:
 Tubing Type:
 Sampling Device: *beutef*
 Sample Time:
 Sample Personnel: *BJ + KM*
 Sample Analyses: *8260*

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: 2

Project: *Camavota*

Date: 6/25/2021

Location: Mechanicville

Project No.: 546044

Purge Device: *Peri*

Casing Type:

Start Purge: 11:25

Screen Length:

Stop Purge:

Measuring Point:

Tubing Type:

Well Diameter: 10

Sampling Device: *hail*

Well Depth: 10.18

Sample Time:

Water Level: 4.56

Sample Personnel: BHKM

Water Column: 3.62

Sample Analyses: 22100

1 Volume (gal.): 18

Notes:

Pup

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: 3
Project: 546044

Date: 6/25/2021
Location: Mechanicville

Project No.:
Casing Type:
Screen Length:
Measuring Point:
Well Diameter: 1"
Well Depth: 11.10
Water Level: 66.34
Water Column: 4.76
1 Volume (gal.): 0.24

Purge Device: Per
Start Purge: 10:47
Stop Purge:
Tubing Type:
Sampling Device: bailer
Sample Time:
Sample Personnel: BJ + KM
Sample Analyses: 82100

3' from East wall
6" from South wall

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft.

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: 4

Project: Camanote

Date: 6/25/2021

Location: Mechanicville

Project No.: 546644

Casing Type:

Screen Length:

Measuring Point:

Well Diameter: 10

Well Depth: 11.18

Water Level: 6.47

Water Column: ~~6.47~~ 4.71

1 Volume (gal.): 24

Purge Device: Peri

Start Purge: 10:31 AM

Stop Purge:

Tubing Type:

Sampling Device: *bafe*

Sample Time:

Sample Personnel: RJ + CM

Sample Analyses: 8260

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: 5 - destroyed

Project: 546044

Camera vote

Project No.:

Casing Type:

Screen Length:

Measuring Point:

Well Diameter: 211

Well Depth:

Water Level:

Water Column:

1 Volume (gal.):

Date: 06/25/2024

Location: Mechanicville

Purge Device:

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device:

Sample Time:

Sample Personnel:

Sample Analyses:

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

Monitoring Well Sampling Log

Well No.: 6 - destroyed.

Project: CameruSta

Date: 6/25/2024

Location: Mechanicville

Project No.: 546 044

Casing Type:

Screen Length:

Measuring Point:

Well Diameter: 211

Well Depth:

Water Level:

Water Column:

1 Volume (gal.):

· Purge Device:

Start Purge:

Stop Purge:

Tubing Type:

Sampling Device:

Sample Time:

Sample Personnel:

Sample Analyses:

Notes:

Gal./ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.

[illegible]

6

Camaruta

6/25/2021

Meachamville

546044

peri pump

10:09 AM

Stop Purge:

Tubing Type:

211

bailer

9.45

Sample Time:

6.36

$$BJ + KM$$

3.09

8215

56

7

Low Flow Criteria: temp $\pm 3\%$, pH ± 0.1 , cond $\pm 3\%$, redox ± 10 mv, DO & turb $\pm 10\%$, flow 100-500 ml/min.



**Department of
Environmental
Conservation**

**Division of Environmental Remediation
Central Office**

Field Log

Site Code #: 546044	Date: 9/3/21

Site Name:

Location:

DEC Project Manager:

	AM	PM
Weather	7:30	2:00
Temperature		
Wind Direction		

Objective:

Repair and abandon monitoring wells.

Description of Inspection Activities and Discussions:

Met John Starr at site to record monometer reading within building.

PES onsite to repair (modify flushmount) and abandon (grout in place) monitoring wells.

Health & Safety:

Level of protection: Level D, used nitrile gloves

Site Representative:

Representative's Signature: Brian Jankauskas

Date: 9/3/21

Photo Log

Picture 1: Monometer Reading



Picture 2: Raise Flushmount MW-03



Picture 3: Raise Flushmount MW-04



Picture 4: Raise Flushmount MW-05



Picture 5: Abandoned MW-06



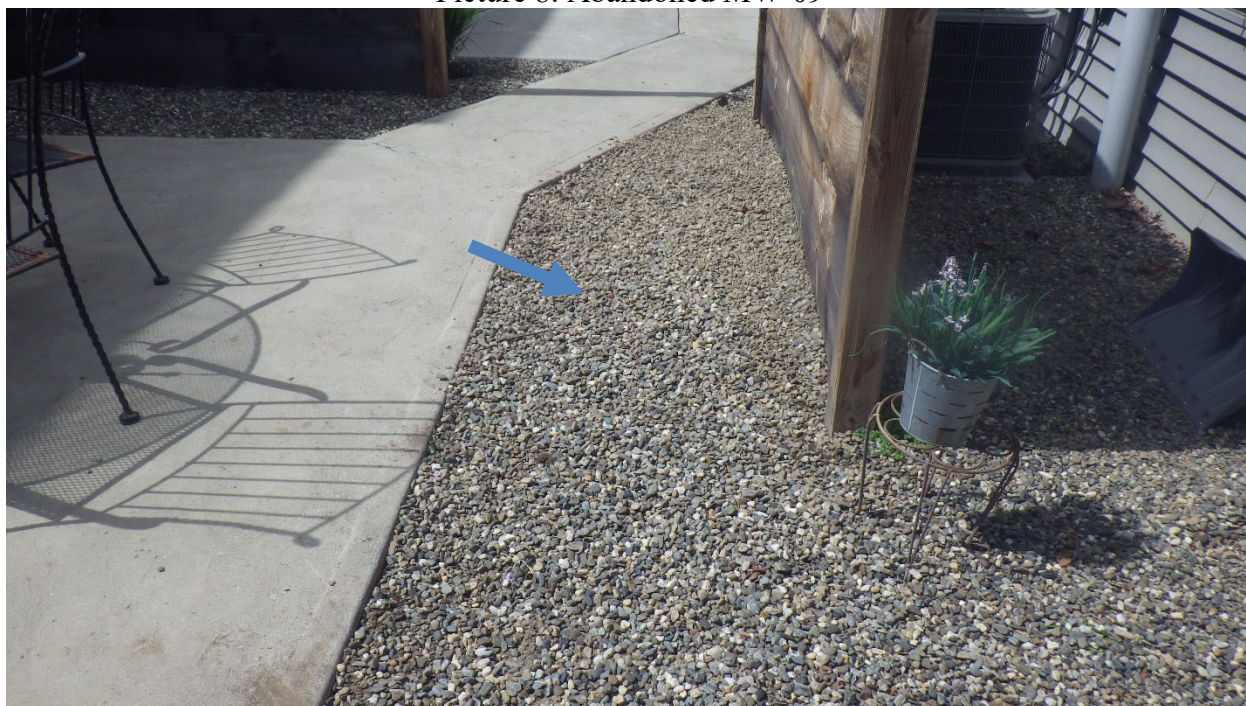
Picture 6: Raise Flushmount MW-07



Picture 7: Abandoned MW-08



Picture 8: Abandoned MW-09



Picture 9: Grouting MW-08



Picture 10: Install New Flushmount MW-03



Repair **FIGURE 3**
WELL DECOMMISSIONING RECORD

Site Name: <i>Cannons Cleaners</i>	Well I.D.: <i>MW 3</i>
Site Location: <i>Mechanicsville</i>	Driller: <i>Carl Cowles</i>
Drilling Co.: <i>PCS</i>	Inspector: <i>Brian Salcedo</i>
	Date: <i>9/3/21</i>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	<i>DTW 5.8'</i> <i>DTB 11.4</i>
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in.)			
CASING PERFORATING			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLS)			
# of batches prepared			
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			

COMMENTS: *Raise flushmount by
 setting a new flushmount on
 top of the old one and use a
 PVC coupling and 10' of 1" PVC to extend riser.*

* Sketch in all relevant decommissioning data, including:
 interval overdrilled, interval grouted, casing left in hole,
 well stickup, etc.

ing Contractor

Department Representative

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>Canada</u>	Well I.D.: <u>MW-4</u>
Site Location: <u>Mechanicville</u>	Driller: <u>Carl Groves</u>
Drilling Co.: <u>PES</u>	Inspector: <u>Brian Szwedkowski</u>
	Date: <u>9/3/21</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
		Depth (feet)	
<u>OVERDRILLING</u>			
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in)			
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)			
# of batches prepared			
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			
COMMENTS: <u>Raise flushmount by setting a</u> <u>new flushmount on top of old flushmount</u> <u>and use a PVC pipe to extend riser 48".</u>		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor

Department Representative

Report
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>Cannock Cleaves</u>	Well I.D.: <u>MW-5</u>
Site Location: <u>Mechinville</u>	Driller: <u>Carl Graves</u>
Drilling Co.: <u>PES</u>	Inspector: <u>Brian J. Huskes</u>
	Date: <u>9/3/21</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in.)			
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)			
# of batches prepared			
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			
COMMENTS: <u>located monitoring well</u>	* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.		
<u>~12' to water & 14' total depth</u>			
<u>adjusted casing to be flush with</u>			
<u>surface.</u>			

Drilling Contractor

Department Representative

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <u>Cannonville Cleaver</u>	Well I.D.: <u>MW 6</u>
Site Location: <u>Mechanicville</u>	Driller: <u>Carl Grauer</u>
Drilling Co.: <u>PES</u>	Inspector: <u>Brian Baker</u>
	Date: <u>9/3/21</u>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
<u>OVERDRILLING</u>		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
<u>CASING PULLING</u>			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in.)			
<u>CASING PERFORATING</u>			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
<u>GROUTING</u>			
Interval grouted (FBLs)			
# of batches prepared			
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			

COMMENTS: PVC pipe exposed, cut down
pipe and grout. Cover with tarp!

* Sketch in all relevant decommissioning data, including:
 interval overdrilled, interval grouted, casing left in hole,
 well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: <i>Cannock Cleaves</i>	Well I.D.: <i>MW-7</i>
Site Location: <i>Mechanville</i>	Driller: <i>Carl Graves</i>
Drilling Co.: <i>PES</i>	Inspector: <i>Ben Sukutsky</i>
	Date: <i>9/3/21</i>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in)			
CASING PERFORATING			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLs)			
# of batches prepared	<i>2</i>		
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			
		<i>10'</i>	
COMMENTS: <i>Cement bentonite grout put PVC pipe 21' and filled with grout</i>			
<i>all 114"</i>			

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

59
114

FIGURE 3

WELL DECOMMISSIONING RECORD

Site Name: <i>Common Closures</i>	Well I.D.: <i>MW-8</i>
Site Location: <i>Mo. Louisville</i>	Driller:
Drilling Co.: <i>PES</i>	Inspector:
	Date:

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	<i>5.1</i> <i>29.4</i>
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in.)			
CASING PERFORATING			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLs)			
# of batches prepared	<i>2</i>		
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			
COMMENTS: <i>mixed cement & bentonite and pumped into well.</i>		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor

Department Representative

FIGURE 3

WELL DECOMMISSIONING RECORD

Site Name: <i>Camacho Cienega</i>	Well I.D.: <i>MW-9</i>
Site Location: <i>Mechanicville</i>	Driller: <i>Carl Jones</i>
Drilling Co.: <i>PES</i>	Inspector: <i>Brin Baker</i>
	Date: <i>9/3/21</i>

DECOMMISSIONING DATA (Fill in all that apply)		WELL SCHEMATIC*	
OVERDRILLING		Depth (feet)	<i>DTW 7'</i> <i>TD 32.6'</i>
Interval Drilled			
Drilling Method(s)			
Borehole Dia. (in.)			
Temporary Casing Installed? (y/n)			
Depth temporary casing installed			
Casing type/dia. (in.)			
Method of installing			
CASING PULLING			
Method employed			
Casing retrieved (feet)			
Casing type/dia. (in.)			
CASING PERFORATING			
Equipment used			
Number of perforations/foot			
Size of perforations			
Interval perforated			
GROUTING			
Interval grouted (FBLs)			
# of batches prepared	<i>2</i>		
For each batch record:			
Quantity of water used (gal.)			
Quantity of cement used (lbs.)			
Cement type			
Quantity of bentonite used (lbs.)			
Quantity of calcium chloride used (lbs.)			
Volume of grout prepared (gal.)			
Volume of grout used (gal.)			
COMMENTS: <i>Mixed cement & bentonite and pumped into well.</i>		* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.	

Drilling Contractor

Department Representative

Appendix B

ANALYTICAL REPORT

Job Number: 480-186567-1

Job Description: Camarota Cleaners #546044

Contract Number: C100700

For:

New York State D.E.C.

625 Broadway 9th Floor

Albany, NY 12233-7258

Attention: Mr. Brian Jankauskas



Approved for release.
Judy L. Stone
Senior Project Manager
7/11/2021 5:35 PM

Judy L. Stone, Senior Project Manager
10 Hazelwood Drive, Amherst, NY, 14228-2298
(484)685-0868
Judy.Stone@Eurofinset.com
07/11/2021

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who has signed this report. TestAmerica Buffalo NELAC Certifications: CADPH 01169CA, FLDOH E87672, ILEPA 200003, KSDOH E-10187, LADEQ 30708, MDH 036-999-337, NHELAP 2973, NJDEP NY455, NYDOH 10026, ORELAP NY200003, PADEP 68-00281, TXCEQ T-104704412-10-1

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

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

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive, Amherst, NY 14228-2298

Tel (716) 691-2600 Fax (716) 691-7991 www.testamericainc.com



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Job Narrative
480-186567-1

Comments

No additional comments.

Receipt

The samples were received on 6/26/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-186567-1	TRIP BLANK-62521	Water	06/25/21 00:00	06/26/21 08:00	
480-186567-2	FB-62521	Water	06/25/21 13:15	06/26/21 08:00	
480-186567-3	DUP-62521	Water	06/25/21 00:00	06/26/21 08:00	
480-186567-4	MW-1-62521	Water	06/25/21 13:20	06/26/21 08:00	
480-186567-5	MW-2-62521	Water	06/25/21 13:55	06/26/21 08:00	
480-186567-6	MW-3-62521	Water	06/25/21 13:40	06/26/21 08:00	
480-186567-7	MW-4-62521	Water	06/25/21 13:35	06/26/21 08:00	
480-186567-8	MW-7-62521	Water	06/25/21 13:25	06/26/21 08:00	

Detection Summary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: TRIP BLANK-62521

Lab Sample ID: 480-186567-1

No Detections.

Client Sample ID: FB-62521

Lab Sample ID: 480-186567-2

No Detections.

Client Sample ID: DUP-62521

Lab Sample ID: 480-186567-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	48		1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.7		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	13		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	2.5		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1-62521

Lab Sample ID: 480-186567-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.0		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	3.9		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	2.5		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-2-62521

Lab Sample ID: 480-186567-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.9		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	31		1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.96	J	1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	8.4		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.2		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-3-62521

Lab Sample ID: 480-186567-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	3.4		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	2.3		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	3.9		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4-62521

Lab Sample ID: 480-186567-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.79	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	0.78	J	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	4.0		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-7-62521

Lab Sample ID: 480-186567-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		1.0	0.34	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Method Summary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: TRIP BLANK-62521

Lab Sample ID: 480-186567-1

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 11:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 11:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 11:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 11:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 11:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 11:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 11:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 11:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 11:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 11:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 11:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 11:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 11:52	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 11:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 11:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 11:52	1
Acetone	ND		10	3.0	ug/L			06/30/21 11:52	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 11:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 11:52	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 11:52	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 11:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 11:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 11:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 11:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 11:52	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 11:52	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 11:52	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 11:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/30/21 11:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 11:52	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 11:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 11:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 11:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 11:52	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 11:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 11:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 11:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 11:52	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 11:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/30/21 11:52	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 11:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 11:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 11:52	1
Trichloroethene	ND		1.0	0.46	ug/L			06/30/21 11:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 11:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/30/21 11:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 11:52	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: TRIP BLANK-62521

Lab Sample ID: 480-186567-1

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		06/30/21 11:52	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 11:52	1
4-Bromofluorobenzene (Surr)	97		73 - 120		06/30/21 11:52	1
Dibromofluoromethane (Surr)	98		75 - 123		06/30/21 11:52	1

Client Sample ID: FB-62521

Lab Sample ID: 480-186567-2

Date Collected: 06/25/21 13:15

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 12:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 12:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 12:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 12:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 12:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 12:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 12:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 12:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 12:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 12:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 12:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 12:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 12:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 12:15	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 12:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 12:15	1
Acetone	ND		10	3.0	ug/L			06/30/21 12:15	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 12:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 12:15	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 12:15	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 12:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 12:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 12:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 12:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 12:15	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 12:15	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 12:15	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 12:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/30/21 12:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 12:15	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 12:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 12:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 12:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 12:15	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 12:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 12:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 12:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 12:15	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: FB-62521

Lab Sample ID: 480-186567-2

Date Collected: 06/25/21 13:15

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/30/21 12:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/30/21 12:15	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 12:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 12:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 12:15	1
Trichloroethene	ND		1.0	0.46	ug/L			06/30/21 12:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 12:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/30/21 12:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		06/30/21 12:15	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 12:15	1
4-Bromofluorobenzene (Surr)	97		73 - 120		06/30/21 12:15	1
Dibromofluoromethane (Surr)	99		75 - 123		06/30/21 12:15	1

Client Sample ID: DUP-62521

Lab Sample ID: 480-186567-3

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 12:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 12:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 12:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 12:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 12:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 12:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 12:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 12:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 12:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 12:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 12:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 12:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 12:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 12:37	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 12:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 12:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 12:37	1
Acetone	ND		10	3.0	ug/L			06/30/21 12:37	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 12:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 12:37	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 12:37	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 12:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 12:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 12:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 12:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 12:37	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 12:37	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 12:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: DUP-62521

Lab Sample ID: 480-186567-3

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 12:37	1
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L			06/30/21 12:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 12:37	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 12:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 12:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 12:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 12:37	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 12:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 12:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 12:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 12:37	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 12:37	1
Tetrachloroethene	48		1.0	0.36	ug/L			06/30/21 12:37	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 12:37	1
trans-1,2-Dichloroethene	1.7		1.0	0.90	ug/L			06/30/21 12:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 12:37	1
Trichloroethene	13		1.0	0.46	ug/L			06/30/21 12:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 12:37	1
Vinyl chloride	2.5		1.0	0.90	ug/L			06/30/21 12:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		06/30/21 12:37	1
Toluene-d8 (Surr)	99		80 - 120		06/30/21 12:37	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/30/21 12:37	1
Dibromofluoromethane (Surr)	99		75 - 123		06/30/21 12:37	1

Client Sample ID: MW-1-62521

Lab Sample ID: 480-186567-4

Date Collected: 06/25/21 13:20

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 13:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 13:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 13:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 13:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 13:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 13:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 13:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 13:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 13:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-1-62521

Lab Sample ID: 480-186567-4

Date Collected: 06/25/21 13:20

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			06/30/21 13:00	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 13:00	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 13:00	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 13:00	1
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L			06/30/21 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 13:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 13:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 13:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 13:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 13:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 13:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 13:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 13:00	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 13:00	1
Tetrachloroethene	4.0		1.0	0.36	ug/L			06/30/21 13:00	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 13:00	1
Trichloroethene	3.9		1.0	0.46	ug/L			06/30/21 13:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 13:00	1
Vinyl chloride	2.5		1.0	0.90	ug/L			06/30/21 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/30/21 13:00	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 13:00	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/30/21 13:00	1
Dibromofluoromethane (Surr)	100		75 - 123		06/30/21 13:00	1

Client Sample ID: MW-2-62521

Lab Sample ID: 480-186567-5

Date Collected: 06/25/21 13:55

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 13:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 13:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 13:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 13:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 13:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-2-62521

Lab Sample ID: 480-186567-5

Date Collected: 06/25/21 13:55

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 13:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 13:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 13:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 13:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 13:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 13:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 13:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 13:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 13:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 13:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 13:22	1
Acetone	ND		10	3.0	ug/L			06/30/21 13:22	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 13:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 13:22	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 13:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 13:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 13:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 13:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 13:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 13:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 13:22	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 13:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 13:22	1
cis-1,2-Dichloroethene	9.9		1.0	0.81	ug/L			06/30/21 13:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 13:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 13:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 13:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 13:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 13:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 13:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 13:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 13:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 13:22	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 13:22	1
Tetrachloroethene	31		1.0	0.36	ug/L			06/30/21 13:22	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 13:22	1
trans-1,2-Dichloroethene	0.96 J		1.0	0.90	ug/L			06/30/21 13:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 13:22	1
Trichloroethene	8.4		1.0	0.46	ug/L			06/30/21 13:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 13:22	1
Vinyl chloride	1.2		1.0	0.90	ug/L			06/30/21 13:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/30/21 13:22	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 13:22	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/30/21 13:22	1
Dibromofluoromethane (Surr)	100		75 - 123		06/30/21 13:22	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-3-62521

Lab Sample ID: 480-186567-6

Date Collected: 06/25/21 13:40

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 13:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 13:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 13:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 13:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 13:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 13:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 13:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 13:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 13:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 13:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 13:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 13:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 13:44	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 13:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 13:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 13:44	1
Acetone	ND		10	3.0	ug/L			06/30/21 13:44	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 13:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 13:44	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 13:44	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 13:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 13:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 13:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 13:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 13:44	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 13:44	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 13:44	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 13:44	1
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L			06/30/21 13:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 13:44	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 13:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 13:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 13:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 13:44	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 13:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 13:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 13:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 13:44	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 13:44	1
Tetrachloroethene	3.4		1.0	0.36	ug/L			06/30/21 13:44	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 13:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 13:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 13:44	1
Trichloroethene	2.3		1.0	0.46	ug/L			06/30/21 13:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 13:44	1
Vinyl chloride	3.9		1.0	0.90	ug/L			06/30/21 13:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 13:44	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-3-62521

Lab Sample ID: 480-186567-6

Date Collected: 06/25/21 13:40

Matrix: Water

Date Received: 06/26/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/30/21 13:44	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 13:44	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/30/21 13:44	1
Dibromofluoromethane (Surr)	101		75 - 123		06/30/21 13:44	1

Client Sample ID: MW-4-62521

Lab Sample ID: 480-186567-7

Date Collected: 06/25/21 13:35

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 14:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 14:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 14:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 14:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 14:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 14:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 14:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 14:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 14:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 14:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 14:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 14:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 14:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 14:07	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 14:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 14:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 14:07	1
Acetone	ND		10	3.0	ug/L			06/30/21 14:07	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 14:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 14:07	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 14:07	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 14:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 14:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 14:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 14:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 14:07	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 14:07	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 14:07	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 14:07	1
cis-1,2-Dichloroethene	3.0		1.0	0.81	ug/L			06/30/21 14:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 14:07	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 14:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 14:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 14:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 14:07	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 14:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 14:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 14:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 14:07	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-4-62521

Lab Sample ID: 480-186567-7

Date Collected: 06/25/21 13:35

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			06/30/21 14:07	1
Tetrachloroethene	0.79	J	1.0	0.36	ug/L			06/30/21 14:07	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 14:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 14:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 14:07	1
Trichloroethene	0.78	J	1.0	0.46	ug/L			06/30/21 14:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 14:07	1
Vinyl chloride	4.0		1.0	0.90	ug/L			06/30/21 14:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		06/30/21 14:07	1
Toluene-d8 (Surr)	99		80 - 120		06/30/21 14:07	1
4-Bromofluorobenzene (Surr)	96		73 - 120		06/30/21 14:07	1
Dibromofluoromethane (Surr)	98		75 - 123		06/30/21 14:07	1

Client Sample ID: MW-7-62521

Lab Sample ID: 480-186567-8

Date Collected: 06/25/21 13:25

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/30/21 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 14:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 14:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 14:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 14:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 14:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 14:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 14:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 14:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 14:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 14:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 14:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 14:30	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 14:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 14:30	1
Acetone	ND		10	3.0	ug/L			06/30/21 14:30	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 14:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 14:30	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 14:30	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 14:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 14:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 14:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 14:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 14:30	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 14:30	1
Chloroform	1.3		1.0	0.34	ug/L			06/30/21 14:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-7-62521

Lab Sample ID: 480-186567-8

Date Collected: 06/25/21 13:25

Matrix: Water

Date Received: 06/26/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 14:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/30/21 14:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 14:30	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 14:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 14:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 14:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 14:30	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 14:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 14:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 14:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 14:30	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 14:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/30/21 14:30	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 14:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 14:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 14:30	1
Trichloroethene	ND		1.0	0.46	ug/L			06/30/21 14:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 14:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/30/21 14:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		06/30/21 14:30	1
Toluene-d8 (Surr)	100		80 - 120		06/30/21 14:30	1
4-Bromofluorobenzene (Surr)	94		73 - 120		06/30/21 14:30	1
Dibromofluoromethane (Surr)	100		75 - 123		06/30/21 14:30	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	TOL (80-120)	BFB (73-120)	DBFM (75-123)
480-186567-1	TRIP BLANK-62521	95	100	97	98
480-186567-2	FB-62521	95	100	97	99
480-186567-3	DUP-62521	95	99	96	99
480-186567-4	MW-1-62521	97	100	96	100
480-186567-5	MW-2-62521	97	100	96	100
480-186567-6	MW-3-62521	97	100	96	101
480-186567-7	MW-4-62521	96	99	96	98
480-186567-8	MW-7-62521	96	100	94	100
LCS 480-587545/5	Lab Control Sample	93	100	99	98
MB 480-587545/7	Method Blank	94	99	95	97

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

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

Lab Sample ID: MB 480-587545/7

Matrix: Water

Analysis Batch: 587545

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		1.0	0.82	ug/L			06/30/21 11:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/30/21 11:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/30/21 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/30/21 11:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/30/21 11:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/30/21 11:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/30/21 11:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/30/21 11:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/30/21 11:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/30/21 11:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/30/21 11:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/30/21 11:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/30/21 11:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/30/21 11:17	1
2-Hexanone	ND		5.0	1.2	ug/L			06/30/21 11:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/30/21 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/30/21 11:17	1
Acetone	ND		10	3.0	ug/L			06/30/21 11:17	1
Benzene	ND		1.0	0.41	ug/L			06/30/21 11:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/30/21 11:17	1
Bromoform	ND		1.0	0.26	ug/L			06/30/21 11:17	1
Bromomethane	ND		1.0	0.69	ug/L			06/30/21 11:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/30/21 11:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/30/21 11:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/30/21 11:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/30/21 11:17	1
Chloroethane	ND		1.0	0.32	ug/L			06/30/21 11:17	1
Chloroform	ND		1.0	0.34	ug/L			06/30/21 11:17	1
Chloromethane	ND		1.0	0.35	ug/L			06/30/21 11:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/30/21 11:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/30/21 11:17	1
Cyclohexane	ND		1.0	0.18	ug/L			06/30/21 11:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/30/21 11:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/30/21 11:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/30/21 11:17	1
Methyl acetate	ND		2.5	1.3	ug/L			06/30/21 11:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/30/21 11:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/30/21 11:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/30/21 11:17	1
Styrene	ND		1.0	0.73	ug/L			06/30/21 11:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/30/21 11:17	1
Toluene	ND		1.0	0.51	ug/L			06/30/21 11:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/30/21 11:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/30/21 11:17	1
Trichloroethene	ND		1.0	0.46	ug/L			06/30/21 11:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/30/21 11:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/30/21 11:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/30/21 11:17	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

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

Lab Sample ID: MB 480-587545/7

Matrix: Water

Analysis Batch: 587545

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		06/30/21 11:17	1
Toluene-d8 (Surr)	99		80 - 120		06/30/21 11:17	1
4-Bromofluorobenzene (Surr)	95		73 - 120		06/30/21 11:17	1
Dibromofluoromethane (Surr)	97		75 - 123		06/30/21 11:17	1

Lab Sample ID: LCS 480-587545/5

Matrix: Water

Analysis Batch: 587545

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	25.0	27.8		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.4		ug/L		94	61 - 148
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	25.5		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	24.4		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.9		ug/L		84	56 - 134
1,2-Dibromoethane	25.0	24.5		ug/L		98	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	21.7		ug/L		87	75 - 120
1,2-Dichloropropane	25.0	25.8		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 120
2-Hexanone	125	112		ug/L		89	65 - 127
2-Butanone (MEK)	125	111		ug/L		88	57 - 140
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	23.7		ug/L		95	61 - 132
Bromomethane	25.0	23.3		ug/L		93	55 - 144
Carbon disulfide	25.0	28.0		ug/L		112	59 - 134
Carbon tetrachloride	25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	25.0	24.6		ug/L		99	80 - 120
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Chloroethane	25.0	24.4		ug/L		98	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	21.5		ug/L		86	68 - 124
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	74 - 124
Cyclohexane	25.0	29.8		ug/L		119	59 - 135
Dichlorodifluoromethane	25.0	17.6		ug/L		70	59 - 135
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Isopropylbenzene	25.0	25.2		ug/L		101	77 - 122
Methyl acetate	50.0	45.9		ug/L		92	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	29.0		ug/L		116	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

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

Lab Sample ID: LCS 480-587545/5

Matrix: Water

Analysis Batch: 587545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	26.9		ug/L		108	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	27.9		ug/L		112	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Trichlorofluoromethane	25.0	21.5		ug/L		86	62 - 150
Vinyl chloride	25.0	21.8		ug/L		87	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

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.

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: Camarota Cleaners #546044

Job ID: 480-186567-1

GC/MS VOA

Analysis Batch: 587545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186567-1	TRIP BLANK-62521	Total/NA	Water	8260C	
480-186567-2	FB-62521	Total/NA	Water	8260C	
480-186567-3	DUP-62521	Total/NA	Water	8260C	
480-186567-4	MW-1-62521	Total/NA	Water	8260C	
480-186567-5	MW-2-62521	Total/NA	Water	8260C	
480-186567-6	MW-3-62521	Total/NA	Water	8260C	
480-186567-7	MW-4-62521	Total/NA	Water	8260C	
480-186567-8	MW-7-62521	Total/NA	Water	8260C	
MB 480-587545/7	Method Blank	Total/NA	Water	8260C	
LCS 480-587545/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: TRIP BLANK-62521

Lab Sample ID: 480-186567-1

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 11:52	CRL	TAL BUF

Client Sample ID: FB-62521

Lab Sample ID: 480-186567-2

Date Collected: 06/25/21 13:15

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 12:15	CRL	TAL BUF

Client Sample ID: DUP-62521

Lab Sample ID: 480-186567-3

Date Collected: 06/25/21 00:00

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 12:37	CRL	TAL BUF

Client Sample ID: MW-1-62521

Lab Sample ID: 480-186567-4

Date Collected: 06/25/21 13:20

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 13:00	CRL	TAL BUF

Client Sample ID: MW-2-62521

Lab Sample ID: 480-186567-5

Date Collected: 06/25/21 13:55

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 13:22	CRL	TAL BUF

Client Sample ID: MW-3-62521

Lab Sample ID: 480-186567-6

Date Collected: 06/25/21 13:40

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 13:44	CRL	TAL BUF

Client Sample ID: MW-4-62521

Lab Sample ID: 480-186567-7

Date Collected: 06/25/21 13:35

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 14:07	CRL	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Client Sample ID: MW-7-62521

Lab Sample ID: 480-186567-8

Date Collected: 06/25/21 13:25

Matrix: Water

Date Received: 06/26/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	587545	06/30/21 14:30	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Camarota Cleaners #546044

Job ID: 480-186567-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method 8260C

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): ZB-624 (20) ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TRIP BLANK-62521	480-186567-1	98	95	100	97
FB-62521	480-186567-2	99	95	100	97
DUP-62521	480-186567-3	99	95	99	96
MW-1-62521	480-186567-4	100	97	100	96
MW-2-62521	480-186567-5	100	97	100	96
MW-3-62521	480-186567-6	101	97	100	96
MW-4-62521	480-186567-7	98	96	99	96
MW-7-62521	480-186567-8	100	96	100	94
	MB 480-587545/7	97	94	99	95
	LCS 480-587545/5	98	93	100	99

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	75-123
DCA = 1,2-Dichloroethane-d4 (Surr)	77-120
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: D1910.D
 Lab ID: LCS 480-587545/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	27.8	111	73-126	
1,1,2,2-Tetrachloroethane	25.0	24.5	98	76-120	
1,1,2-Trichloroethane	25.0	25.0	100	76-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.4	94	61-148	
1,1-Dichloroethane	25.0	25.5	102	77-120	
1,1-Dichloroethene	25.0	25.5	102	66-127	
1,2,4-Trichlorobenzene	25.0	24.4	97	79-122	
1,2-Dibromo-3-Chloropropane	25.0	20.9	84	56-134	
1,2-Dibromoethane	25.0	24.5	98	77-120	
1,2-Dichlorobenzene	25.0	25.3	101	80-124	
1,2-Dichloroethane	25.0	21.7	87	75-120	
1,2-Dichloropropane	25.0	25.8	103	76-120	
1,3-Dichlorobenzene	25.0	25.5	102	77-120	
1,4-Dichlorobenzene	25.0	25.3	101	80-120	
2-Hexanone	125	112	89	65-127	
2-Butanone (MEK)	125	111	88	57-140	
4-Methyl-2-pentanone (MIBK)	125	114	91	71-125	
Acetone	125	115	92	56-142	
Benzene	25.0	25.5	102	71-124	
Bromodichloromethane	25.0	24.0	96	80-122	
Bromoform	25.0	23.7	95	61-132	
Bromomethane	25.0	23.3	93	55-144	
Carbon disulfide	25.0	28.0	112	59-134	
Carbon tetrachloride	25.0	24.3	97	72-134	
Chlorobenzene	25.0	24.6	99	80-120	
Dibromochloromethane	25.0	24.2	97	75-125	
Chloroethane	25.0	24.4	98	69-136	
Chloroform	25.0	24.1	96	73-127	
Chloromethane	25.0	21.5	86	68-124	
cis-1,2-Dichloroethene	25.0	25.0	100	74-124	
cis-1,3-Dichloropropene	25.0	24.4	98	74-124	
Cyclohexane	25.0	29.8	119	59-135	
Dichlorodifluoromethane	25.0	17.6	70	59-135	
Ethylbenzene	25.0	25.3	101	77-123	
Isopropylbenzene	25.0	25.2	101	77-122	
Methyl acetate	50.0	45.9	92	74-133	
Methyl tert-butyl ether	25.0	25.2	101	77-120	
Methylcyclohexane	25.0	29.0	116	68-134	
Methylene Chloride	25.0	26.9	108	75-124	
Styrene	25.0	25.3	101	80-120	
Tetrachloroethene	25.0	24.8	99	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: D1910.D
 Lab ID: LCS 480-587545/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	25.0	100	80-122	
trans-1,2-Dichloroethene	25.0	27.9	112	73-127	
trans-1,3-Dichloropropene	25.0	23.9	96	80-120	
Trichloroethene	25.0	24.7	99	74-123	
Trichlorofluoromethane	25.0	21.5	86	62-150	
Vinyl chloride	25.0	21.8	87	65-133	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
SDG No.: _____
Lab File ID: D1912.D Lab Sample ID: MB 480-587545/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: HP5975D Date Analyzed: 06/30/2021 11:17
GC Column: ZB-624 (20) ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 480-587545/5	D1910.D	06/30/2021 10:32
TRIP BLANK-62521	480-186567-1	D1913.D	06/30/2021 11:52
FB-62521	480-186567-2	D1914.D	06/30/2021 12:15
DUP-62521	480-186567-3	D1915.D	06/30/2021 12:37
MW-1-62521	480-186567-4	D1916.D	06/30/2021 13:00
MW-2-62521	480-186567-5	D1917.D	06/30/2021 13:22
MW-3-62521	480-186567-6	D1918.D	06/30/2021 13:44
MW-4-62521	480-186567-7	D1919.D	06/30/2021 14:07
MW-7-62521	480-186567-8	D1920.D	06/30/2021 14:30

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
SDG No.: _____
Lab File ID: D0620.D BFB Injection Date: 05/25/2021
Instrument ID: HP5975D BFB Injection Time: 10:43
Analysis Batch No.: 582488

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.9
75	30.0 - 60.0 % of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	1.0 (1.2) 1
174	Greater than 50% of mass 95	87.7
175	5.0 - 9.0 % of mass 174	6.8 (7.7) 1
176	95.0 - 101.0 % of mass 174	85.9 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.7 (6.6) 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 480-582488/6	D0622.D	05/25/2021	11:30
	IC 480-582488/7	D0623.D	05/25/2021	11:53
	IC 480-582488/8	D0624.D	05/25/2021	12:15
	IC 480-582488/9	D0625.D	05/25/2021	12:38
	IC 480-582488/10	D0626.D	05/25/2021	13:01
	ICIS 480-582488/11	D0627.D	05/25/2021	13:23
	IC 480-582488/12	D0628.D	05/25/2021	13:45
	IC 480-582488/13	D0629.D	05/25/2021	14:08
	ICV 480-582488/29	D0645.D	05/25/2021	20:05

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
SDG No.: _____
Lab File ID: D1907.D BFB Injection Date: 06/30/2021
Instrument ID: HP5975D BFB Injection Time: 09:17
Analysis Batch No.: 587545

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.3
75	30.0 - 60.0 % of mass 95	45.0
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	0.3 (0.4) 1
174	Greater than 50% of mass 95	90.0
175	5.0 - 9.0 % of mass 174	7.1 (7.9) 1
176	95.0 - 101.0 % of mass 174	88.7 (98.6) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.6) 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 480-587545/3	D1908.D	06/30/2021	9:47
	LCS 480-587545/5	D1910.D	06/30/2021	10:32
	MB 480-587545/7	D1912.D	06/30/2021	11:17
TRIP BLANK-62521	480-186567-1	D1913.D	06/30/2021	11:52
FB-62521	480-186567-2	D1914.D	06/30/2021	12:15
DUP-62521	480-186567-3	D1915.D	06/30/2021	12:37
MW-1-62521	480-186567-4	D1916.D	06/30/2021	13:00
MW-2-62521	480-186567-5	D1917.D	06/30/2021	13:22
MW-3-62521	480-186567-6	D1918.D	06/30/2021	13:44
MW-4-62521	480-186567-7	D1919.D	06/30/2021	14:07
MW-7-62521	480-186567-8	D1920.D	06/30/2021	14:30

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Sample No.: ICIS 480-582488/11 Date Analyzed: 05/25/2021 13:23
 Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): D0627.D Heated Purge: (Y/N) N
 Calibration ID: 41904

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	148958	5.53	323008	7.92	342946	9.84	
UPPER LIMIT	297916	6.03	646016	8.42	685892	10.34	
LOWER LIMIT	74479	5.03	161504	7.42	171473	9.34	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 480-582488/29		152006	5.54	322976	7.92	347859	9.85
CCVIS 480-587545/3		135639	5.53	287951	7.92	305245	9.84

FB = Fluorobenzene (IS)
 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, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Sample No.: CCVIS 480-587545/3 Date Analyzed: 06/30/2021 09:47
 Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm)
 Lab File ID (Standard): D1908.D Heated Purge: (Y/N) N
 Calibration ID: 41907

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	135639	5.53	287951	7.92	305245	9.84	
UPPER LIMIT	271278	6.03	575902	8.42	610490	10.34	
LOWER LIMIT	67820	5.03	143976	7.42	152623	9.34	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 480-587545/5		131534	5.53	277622	7.91	297657	9.84
MB 480-587545/7		138392	5.53	292620	7.91	299240	9.84
480-186567-1	TRIP BLANK-62521	135778	5.53	286456	7.92	298375	9.84
480-186567-2	FB-62521	134171	5.53	281985	7.92	292270	9.84
480-186567-3	DUP-62521	135743	5.53	285989	7.91	292621	9.84
480-186567-4	MW-1-62521	132596	5.53	281094	7.92	291416	9.84
480-186567-5	MW-2-62521	132859	5.53	279421	7.92	291657	9.84
480-186567-6	MW-3-62521	125379	5.53	267067	7.92	275576	9.84
480-186567-7	MW-4-62521	126785	5.54	263273	7.92	277839	9.84
480-186567-8	MW-7-62521	130556	5.54	275756	7.92	283047	9.84

FB = Fluorobenzene (IS)
 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, Buffalo Job No.: 480-186567-1

SDG No.: _____

Client Sample ID: TRIP BLANK-62521 Lab Sample ID: 480-186567-1

Matrix: Water Lab File ID: D1913.D

Analysis Method: 8260C Date Collected: 06/25/2021 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 11:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: TRIP BLANK-62521 Lab Sample ID: 480-186567-1
 Matrix: Water Lab File ID: D1913.D
 Analysis Method: 8260C Date Collected: 06/25/2021 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 11:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1913.D
 Lims ID: 480-186567-B-1
 Client ID: TRIP BLANK-62421
 Sample Type: Client
 Inject. Date: 30-Jun-2021 11:52:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-1
 Misc. Info.: 480-0099624-008
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:10:46 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:10:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	135778	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	286456	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	298375	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	196324	24.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	115836	23.7	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	661352	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	93	225829	24.2	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	U
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84	3.575	3.575	0.000	95	3860	0.2618	M
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96		3.788				ND	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96		4.654				ND	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95		5.812				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166		7.226				ND	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1913.D

Injection Date: 30-Jun-2021 11:52:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-1

Lab Sample ID: 480-186567-1

Worklist Smp#: 8

Client ID: TRIP BLANK-62421

Purge Vol: 5.000 mL

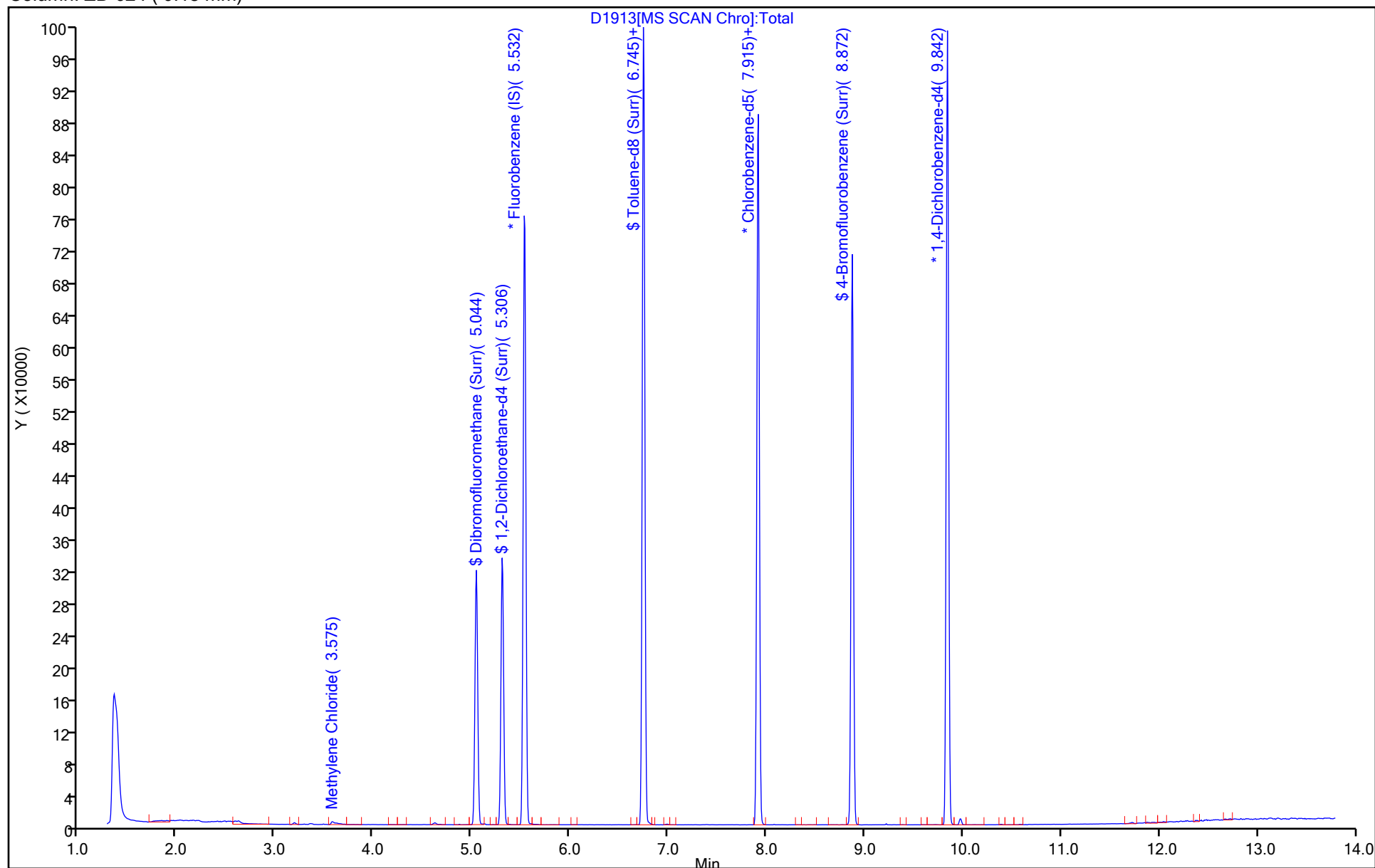
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1913.D

Injection Date: 30-Jun-2021 11:52:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-1

Lab Sample ID: 480-186567-1

Client ID: TRIP BLANK-62421

Operator ID: OI

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

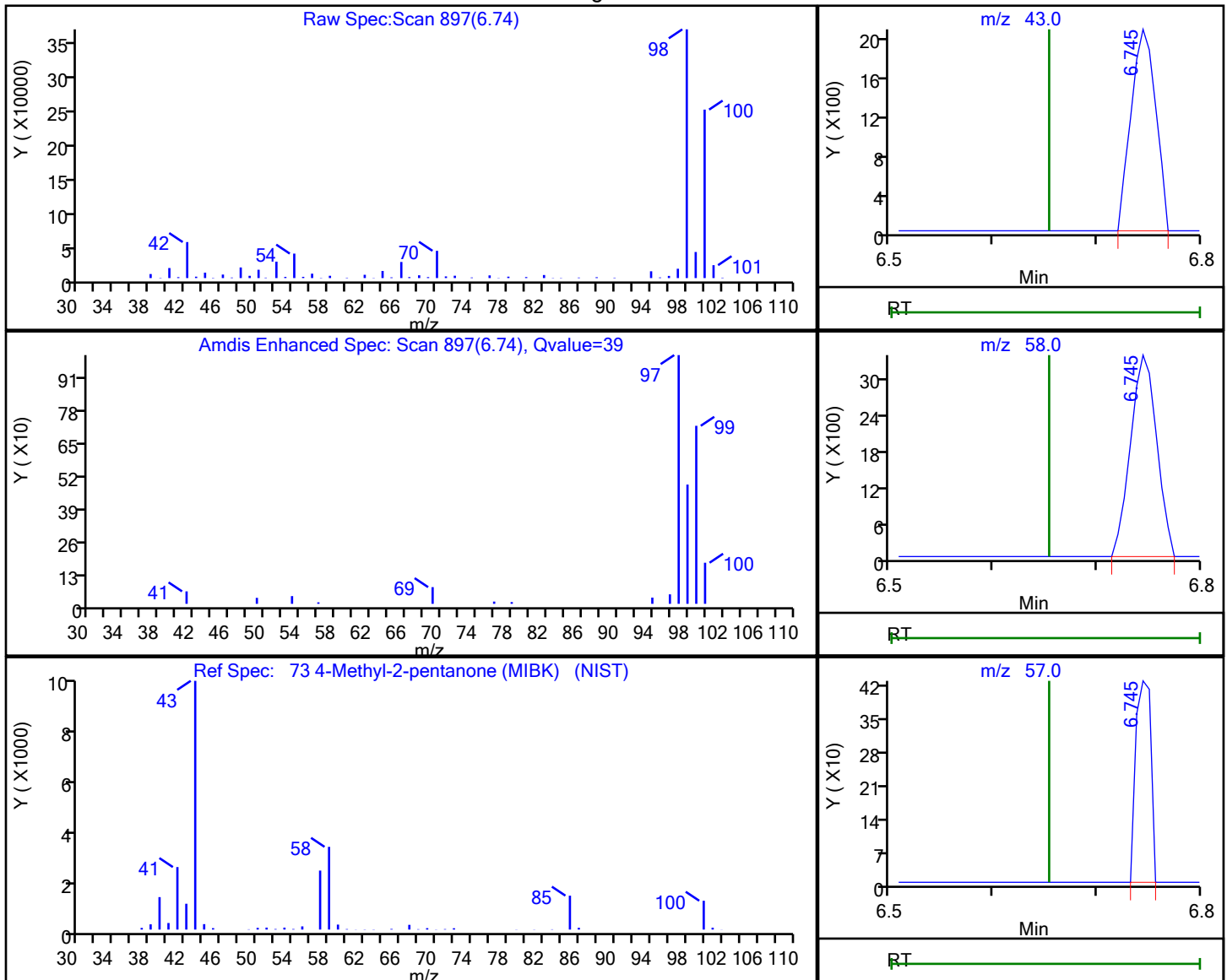
Column: ZB-624 (0.18 mm)

Detector

MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3396	0.296570
6.74	58.00	5904	
6.74	57.00	440	

Reviewer: lapointec, 01-Jul-2021 12:10:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

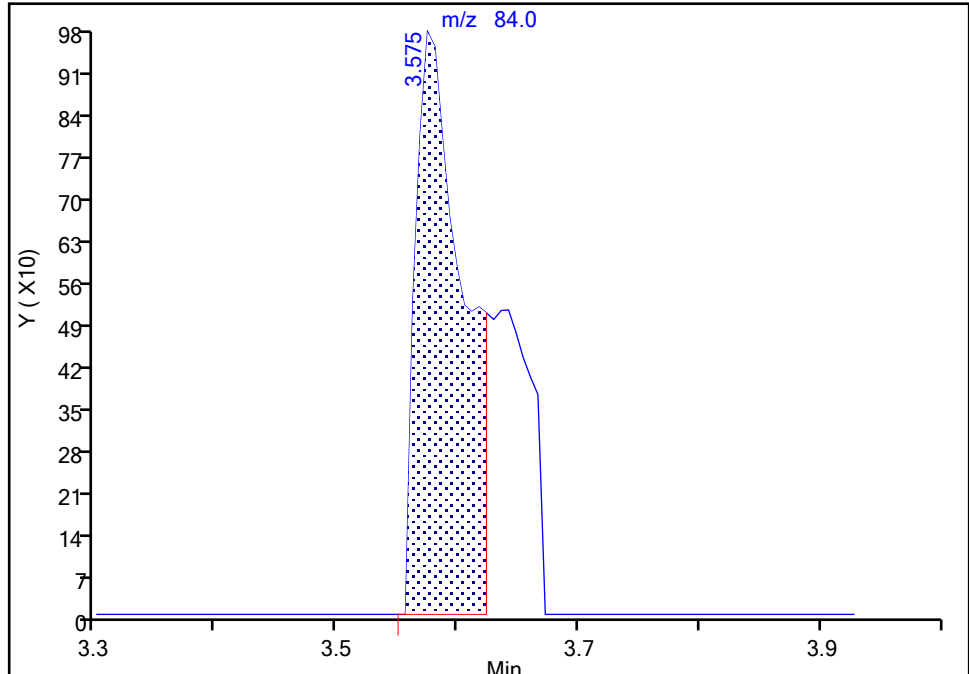
Data File:	\\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1913.D		
Injection Date:	30-Jun-2021 11:52:30	Instrument ID:	HP5975D
Lims ID:	480-186567-B-1	Lab Sample ID:	480-186567-1
Client ID:	TRIP BLANK-62421		
Operator ID:	OI	ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	D-8260	Limit Group:	MV - 8260C ICAL
Column:	ZB-624 (0.18 mm)	Detector:	MS SCAN
		Worklist Smp#:	8

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

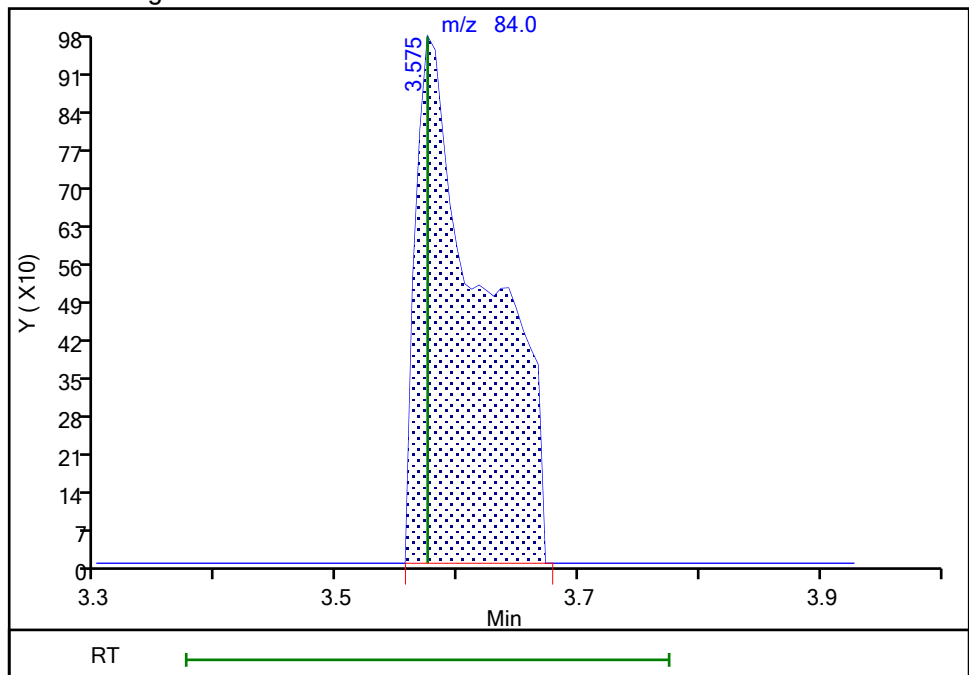
RT: 3.57
Area: 2694
Amount: 0.106562
Amount Units: ug/L

Processing Integration Results



RT: 3.57
Area: 3860
Amount: 0.261772
Amount Units: ug/L

Manual Integration Results



Reviewer: lapointec, 01-Jul-2021 12:10:26
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: FB-62521 Lab Sample ID: 480-186567-2
 Matrix: Water Lab File ID: D1914.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:15
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 12:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: FB-62521 Lab Sample ID: 480-186567-2
 Matrix: Water Lab File ID: D1914.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:15
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 12:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1914.D
 Lims ID: 480-186567-B-2
 Client ID: FB-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 12:15:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-2
 Misc. Info.: 480-0099624-009
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:11:18 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:11:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	134171	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	281985	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	292270	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	195719	24.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	114352	23.7	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	653536	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	92	222031	24.2	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	U
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	7
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96		3.788				ND	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96		4.654				ND	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95		5.812				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166		7.226				ND	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1914.D

Injection Date: 30-Jun-2021 12:15:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-2

Lab Sample ID: 480-186567-2

Worklist Smp#: 9

Client ID: FB-62521

Purge Vol: 5.000 mL

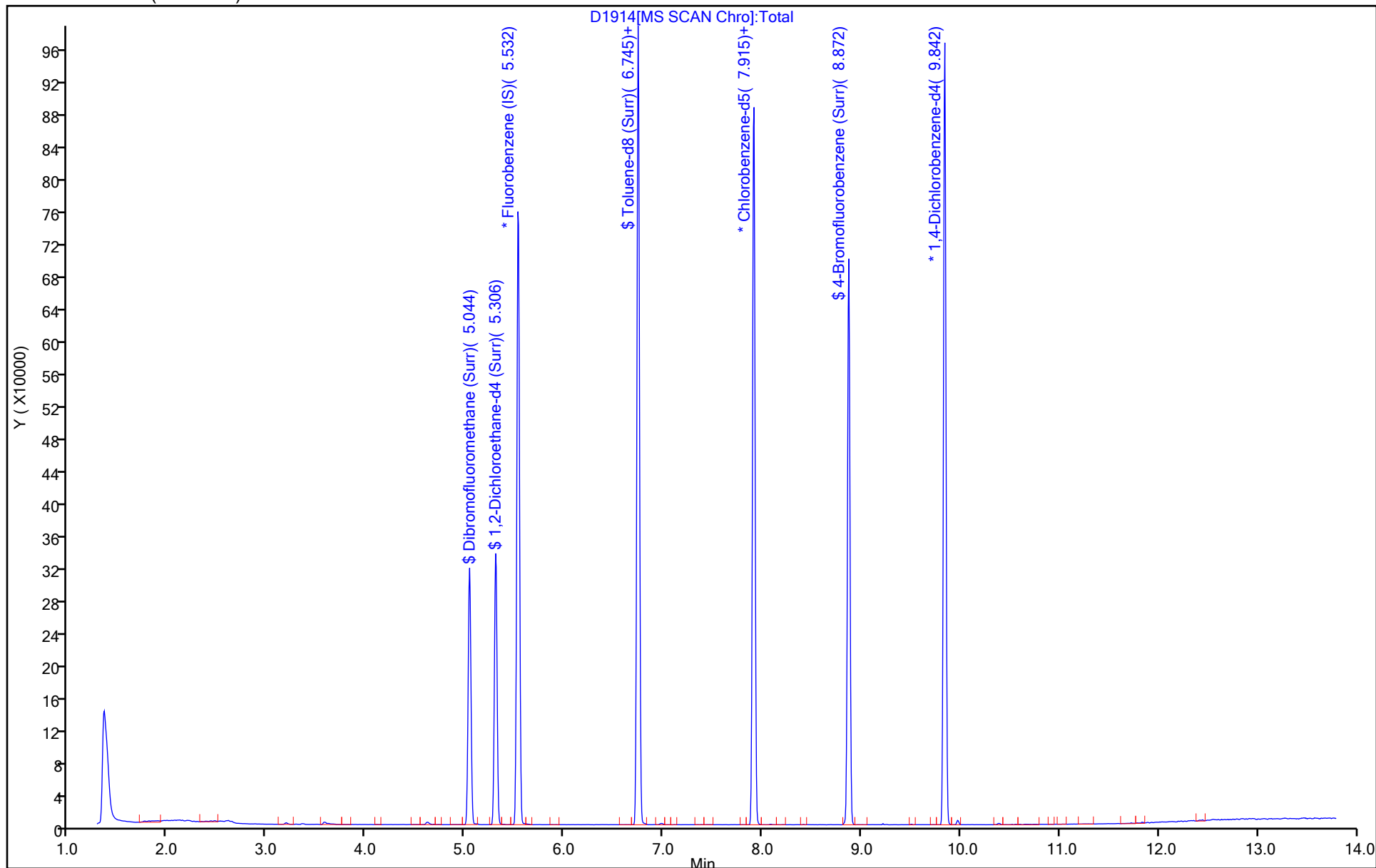
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: DUP-62521 Lab Sample ID: 480-186567-3
 Matrix: Water Lab File ID: D1915.D
 Analysis Method: 8260C Date Collected: 06/25/2021 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 12:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	15		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: DUP-62521 Lab Sample ID: 480-186567-3
 Matrix: Water Lab File ID: D1915.D
 Analysis Method: 8260C Date Collected: 06/25/2021 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 12:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	48		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	1.7		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	13		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.5		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D
 Lims ID: 480-186567-B-3
 Client ID: DUP-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 12:37:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-3
 Misc. Info.: 480-0099624-010
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:11:54 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:11:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	135743	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	285989	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	292621	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	197468	24.7	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	116326	23.8	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	652869	24.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	93	222653	23.9	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62	1.849	1.849	0.000	95	23215	2.50	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	7
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	10674	1.68	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96	4.648	4.654	-0.006	83	123436	15.2	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.812	5.812	0.000	97	103190	13.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	81	1764	0.2064	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	U
81 Tetrachloroethene	166	7.226	7.226	0.000	99	405904	48.4	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Worklist Smp#: 10

Client ID: DUP-62521

Purge Vol: 5.000 mL

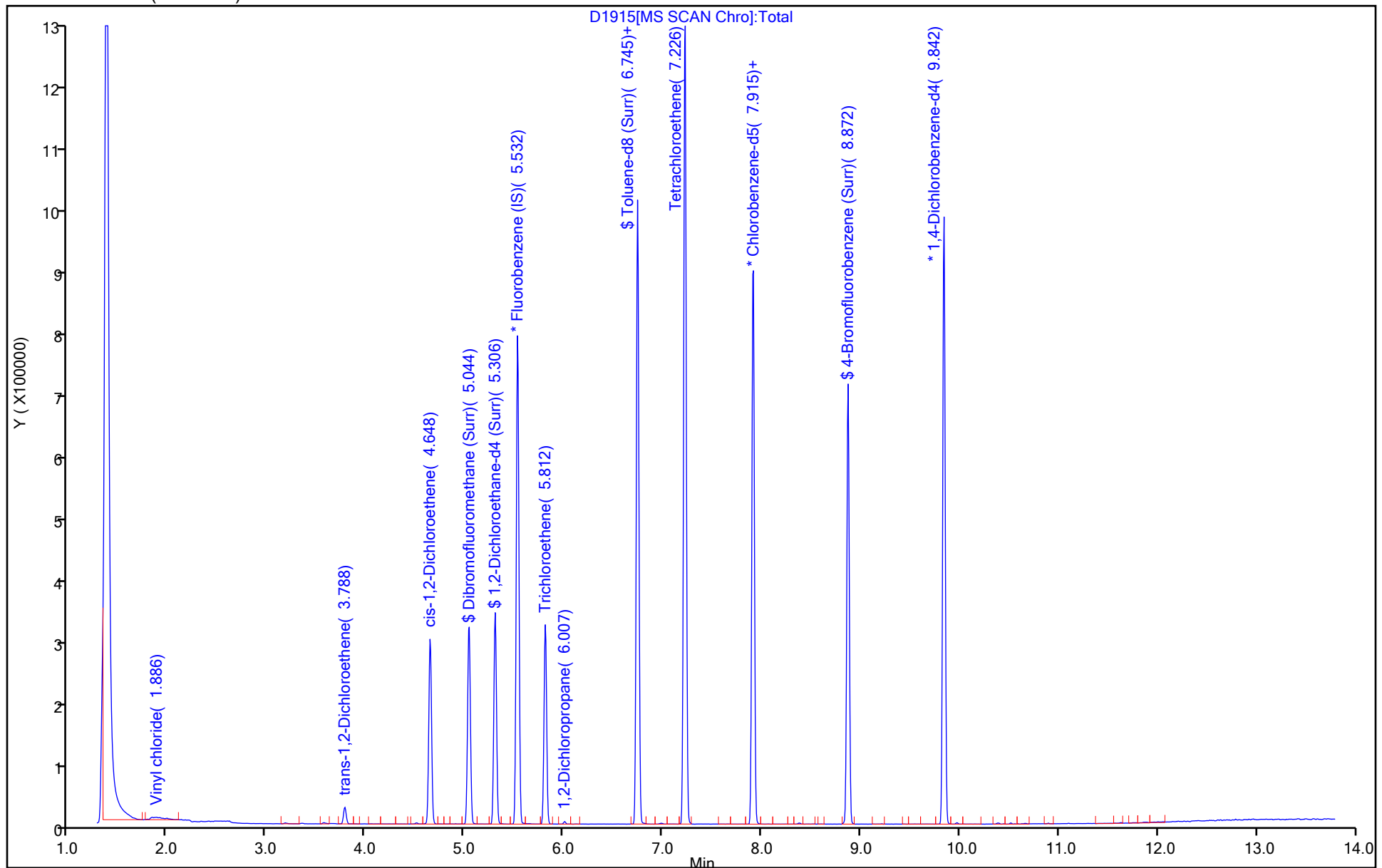
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

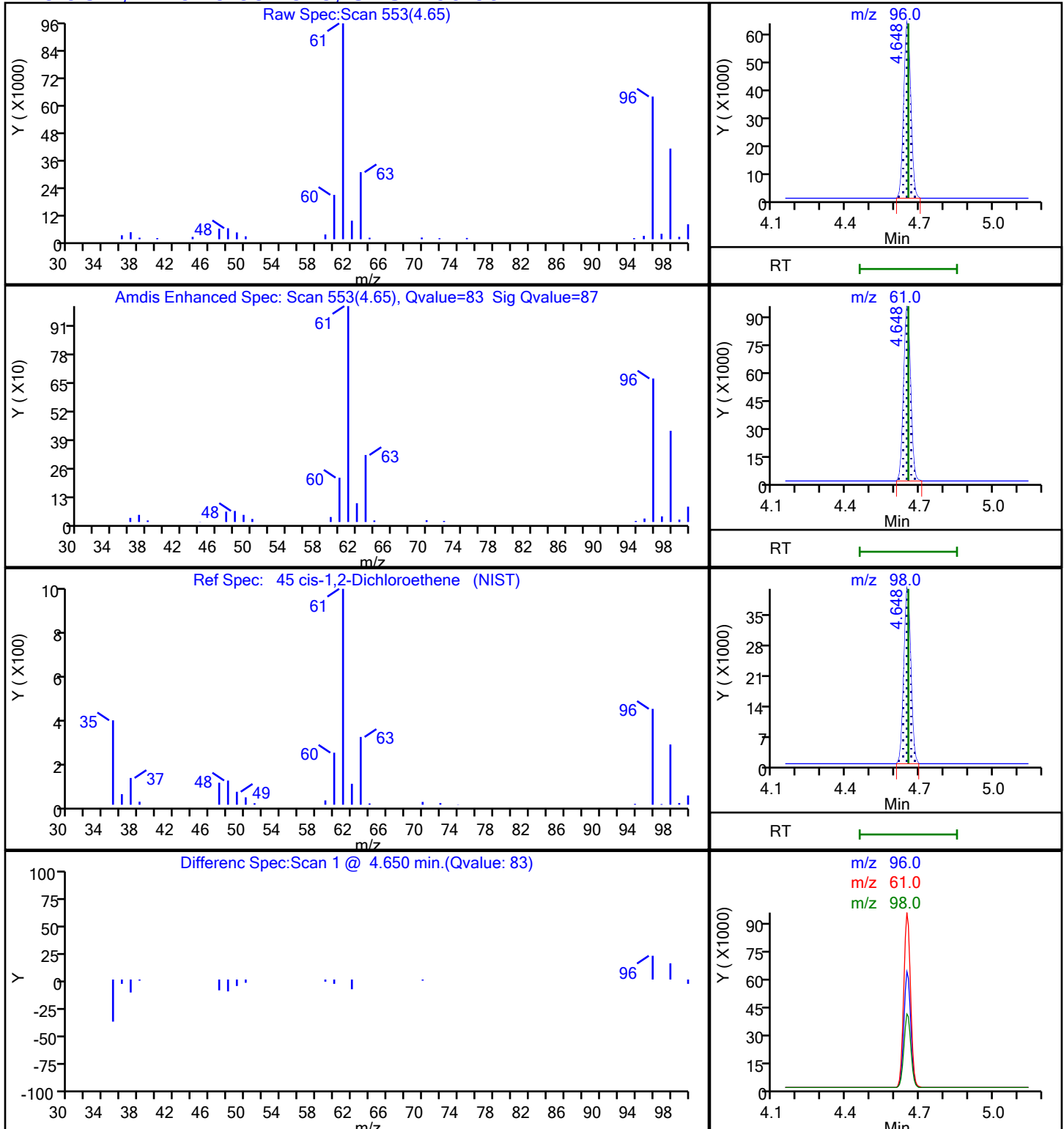
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#: 10 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

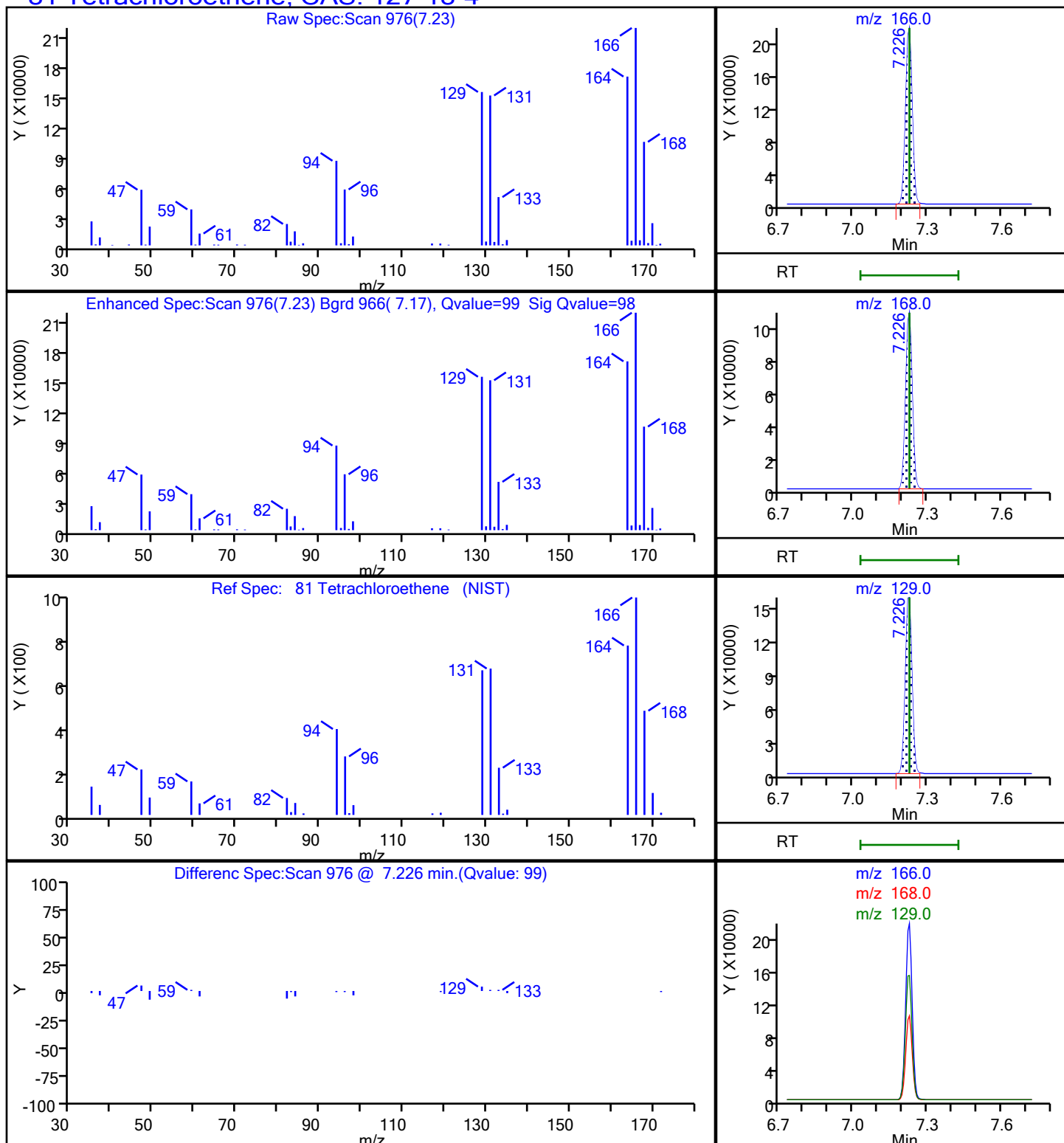
Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector MS SCAN

81 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

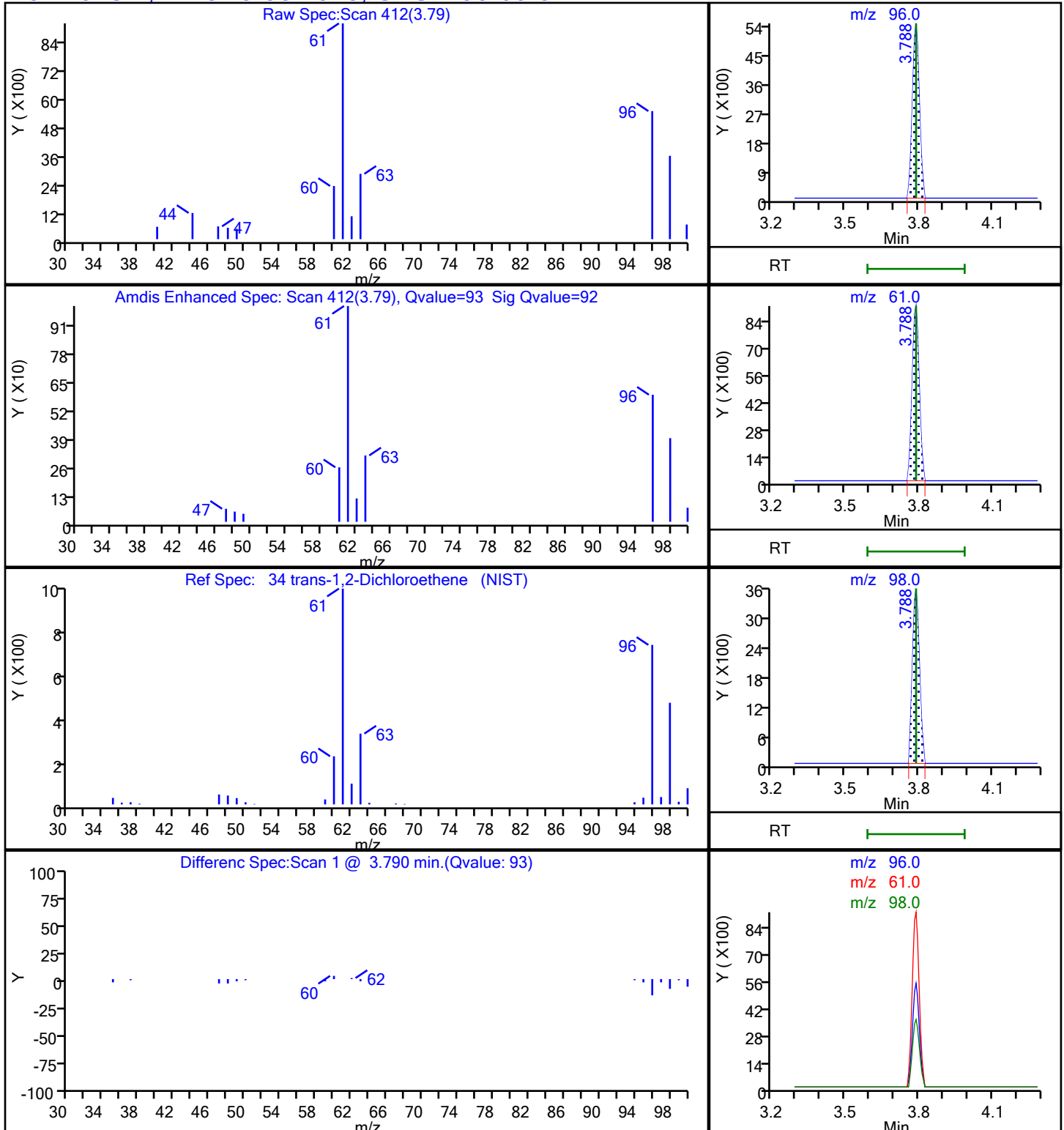
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

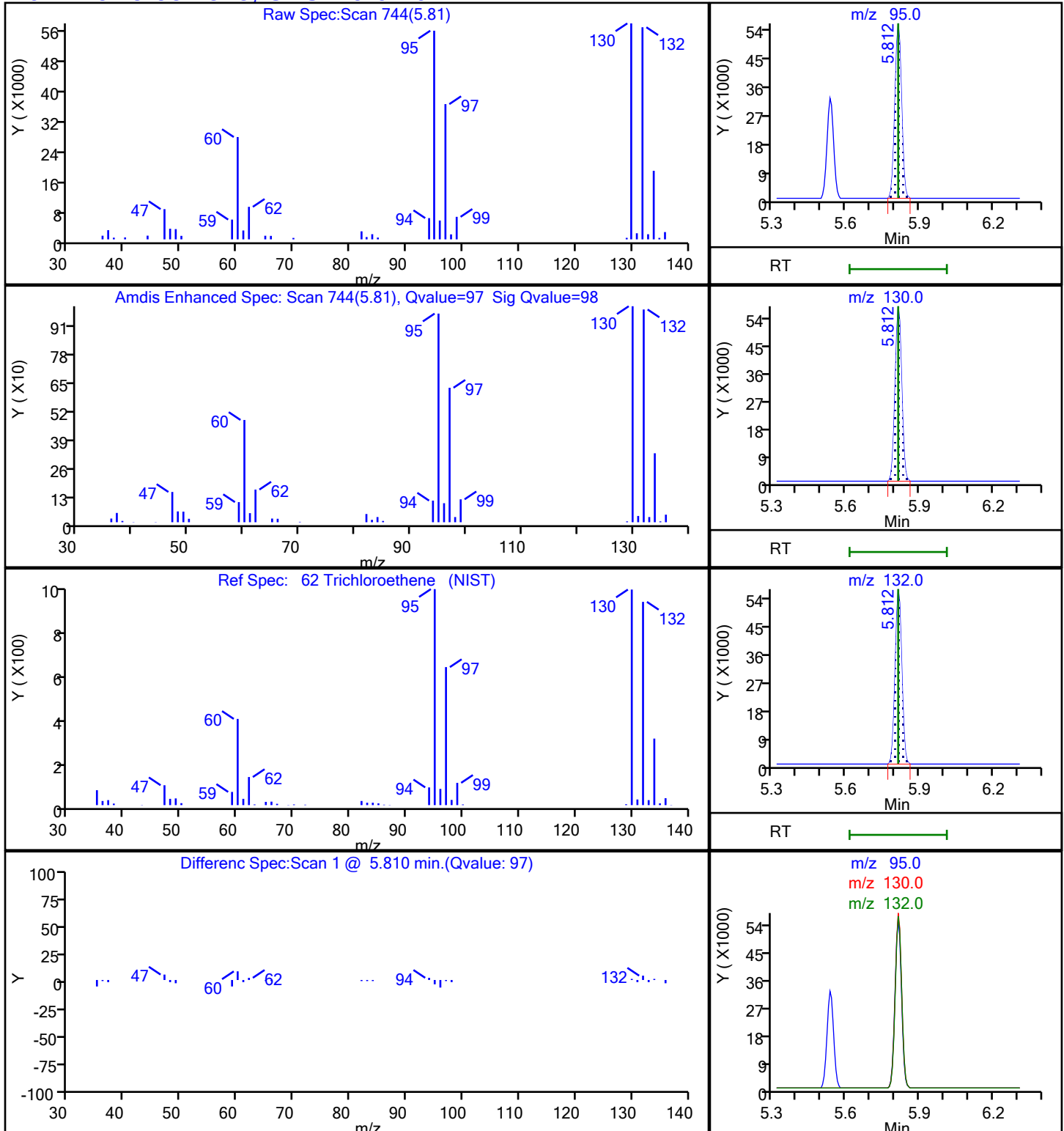
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 5.000 mL

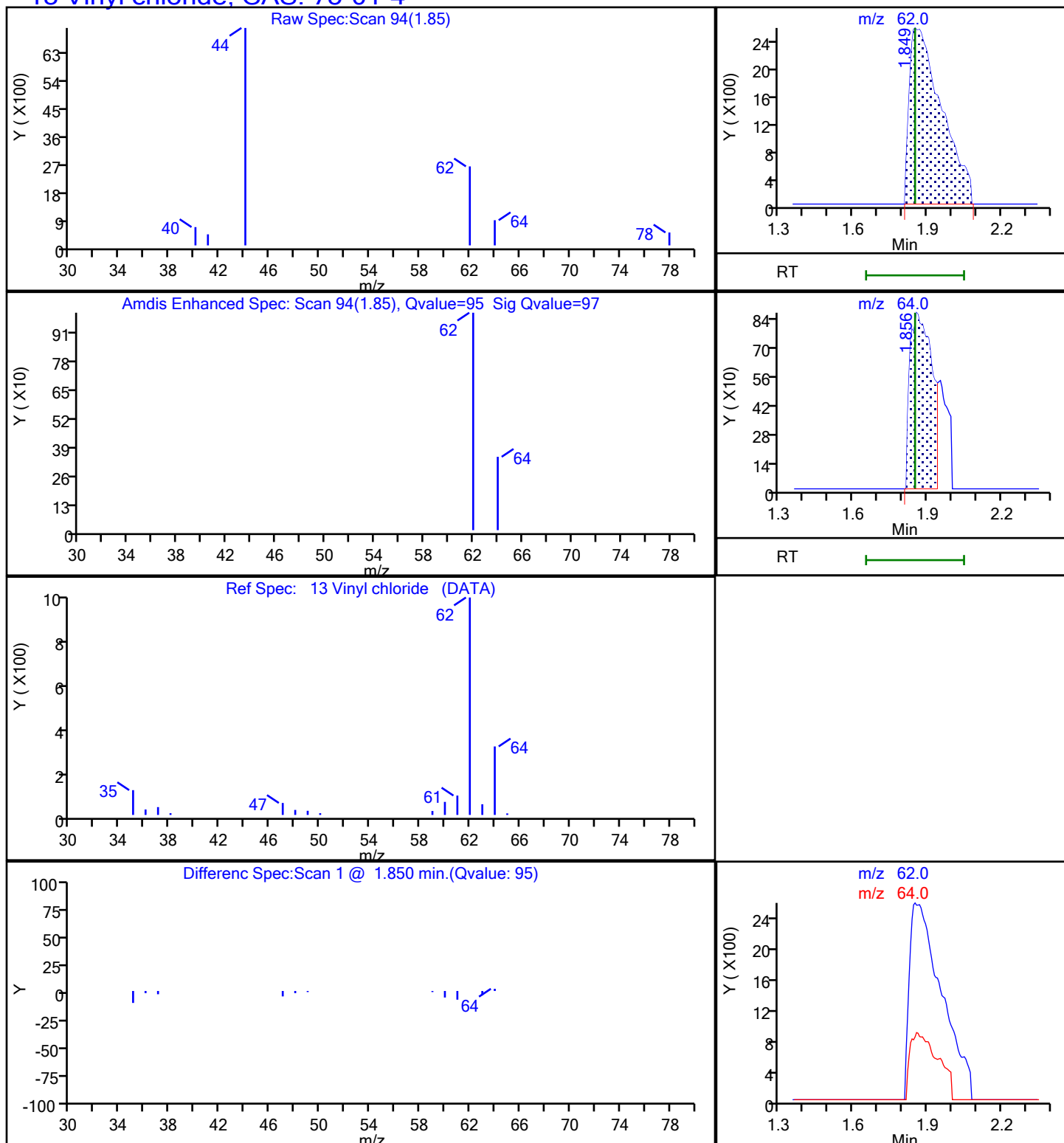
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

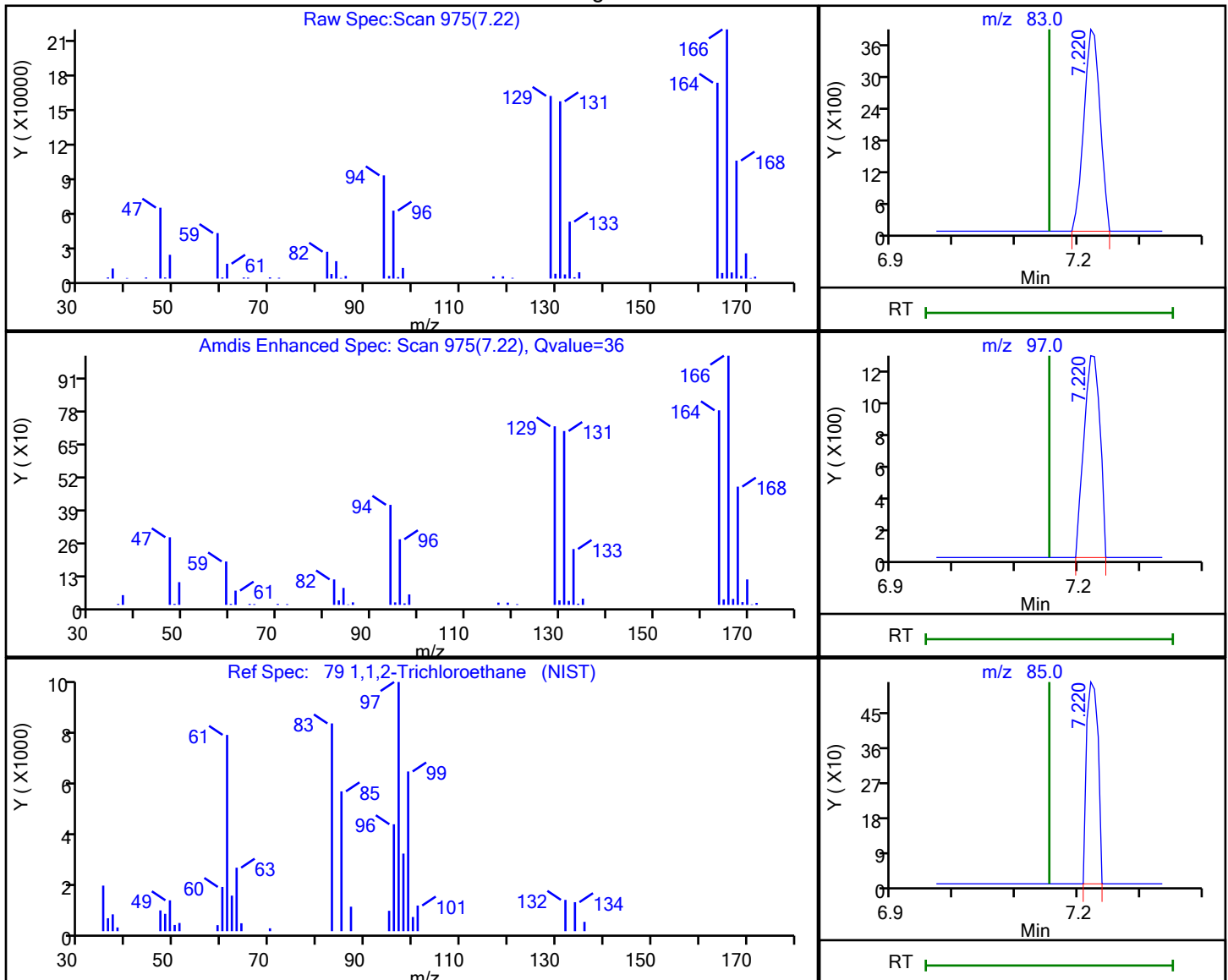
13 Vinyl chloride, CAS: 75-01-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D
Injection Date: 30-Jun-2021 12:37:30 Instrument ID: HP5975D
Lims ID: 480-186567-B-3 Lab Sample ID: 480-186567-3
Client ID: DUP-62521
Operator ID: OI ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.22	83.00	6970	1.087267
7.22	97.00	2246	
7.22	85.00	676	

Reviewer: lapointec, 01-Jul-2021 12:11:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1915.D

Injection Date: 30-Jun-2021 12:37:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-3

Lab Sample ID: 480-186567-3

Client ID: DUP-62521

Operator ID: OI

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

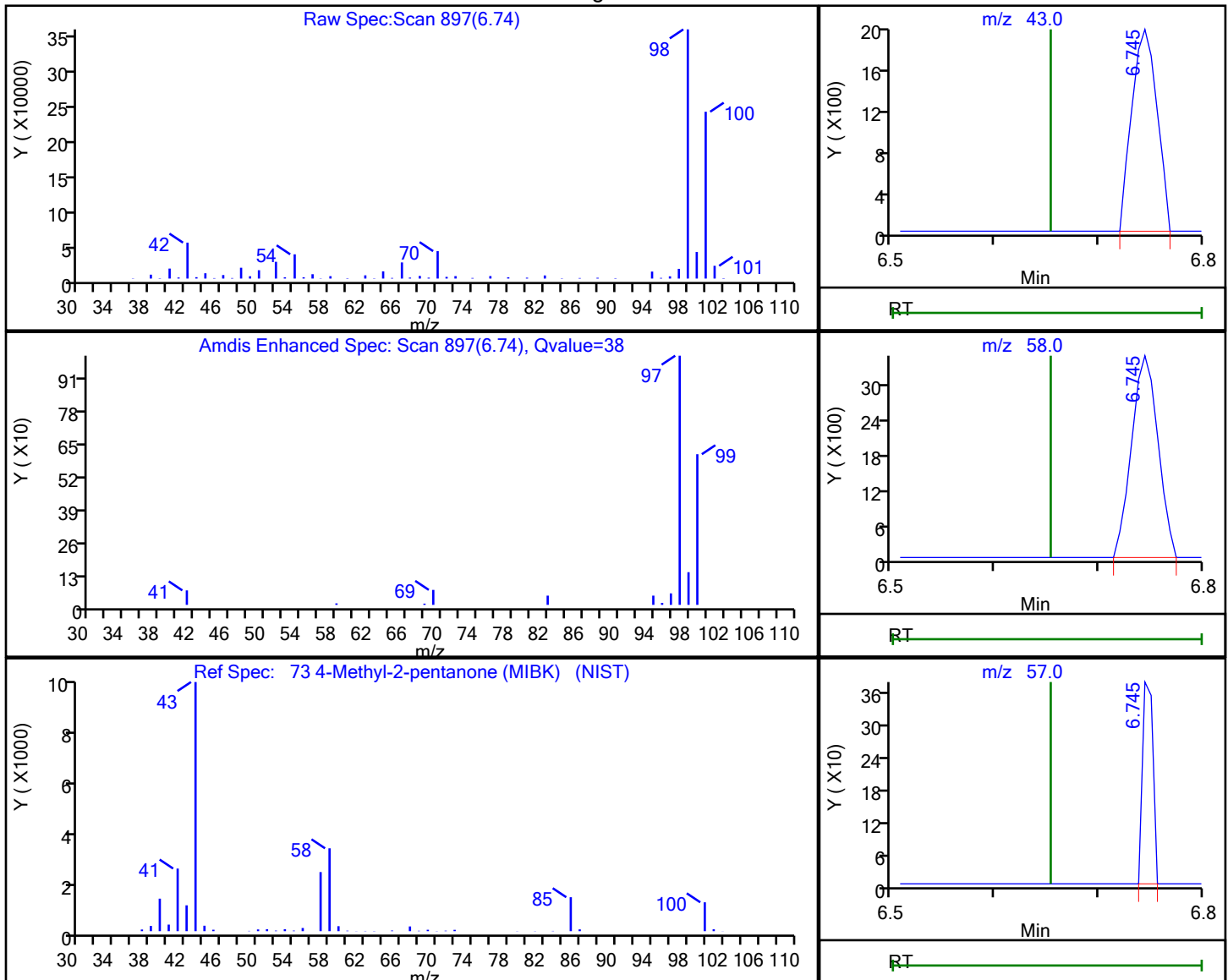
Column: ZB-624 (0.18 mm)

Detector

MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3339	0.292068
6.74	58.00	6103	
6.74	57.00	266	

Reviewer: lapointec, 01-Jul-2021 12:11:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Client Sample ID: MW-1-62521 Lab Sample ID: 480-186567-4

Matrix: Water Lab File ID: D1916.D

Analysis Method: 8260C Date Collected: 06/25/2021 13:20

Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	20		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-1-62521 Lab Sample ID: 480-186567-4
 Matrix: Water Lab File ID: D1916.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:20
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	4.0		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	3.9		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.5		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D
 Lims ID: 480-186567-B-4
 Client ID: MW-1-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 13:00:30 ALS Bottle#: 11 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-4
 Misc. Info.: 480-0099624-011
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:12:35 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:12:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	132596	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	281094	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	291416	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	194216	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	116249	24.3	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	648266	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	93	219929	24.0	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62	1.849	1.849	0.000	95	23009	2.54	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43	3.191	3.191	0.000	97	3888	1.20	
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	U
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	1360	0.2191	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96	4.654	4.654	0.000	83	159954	20.2	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.812	5.812	0.000	97	29895	3.87	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166	7.226	7.226	0.000	96	32935	4.00	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Worklist Smp#: 11

Client ID: MW-1-62521

Purge Vol: 5.000 mL

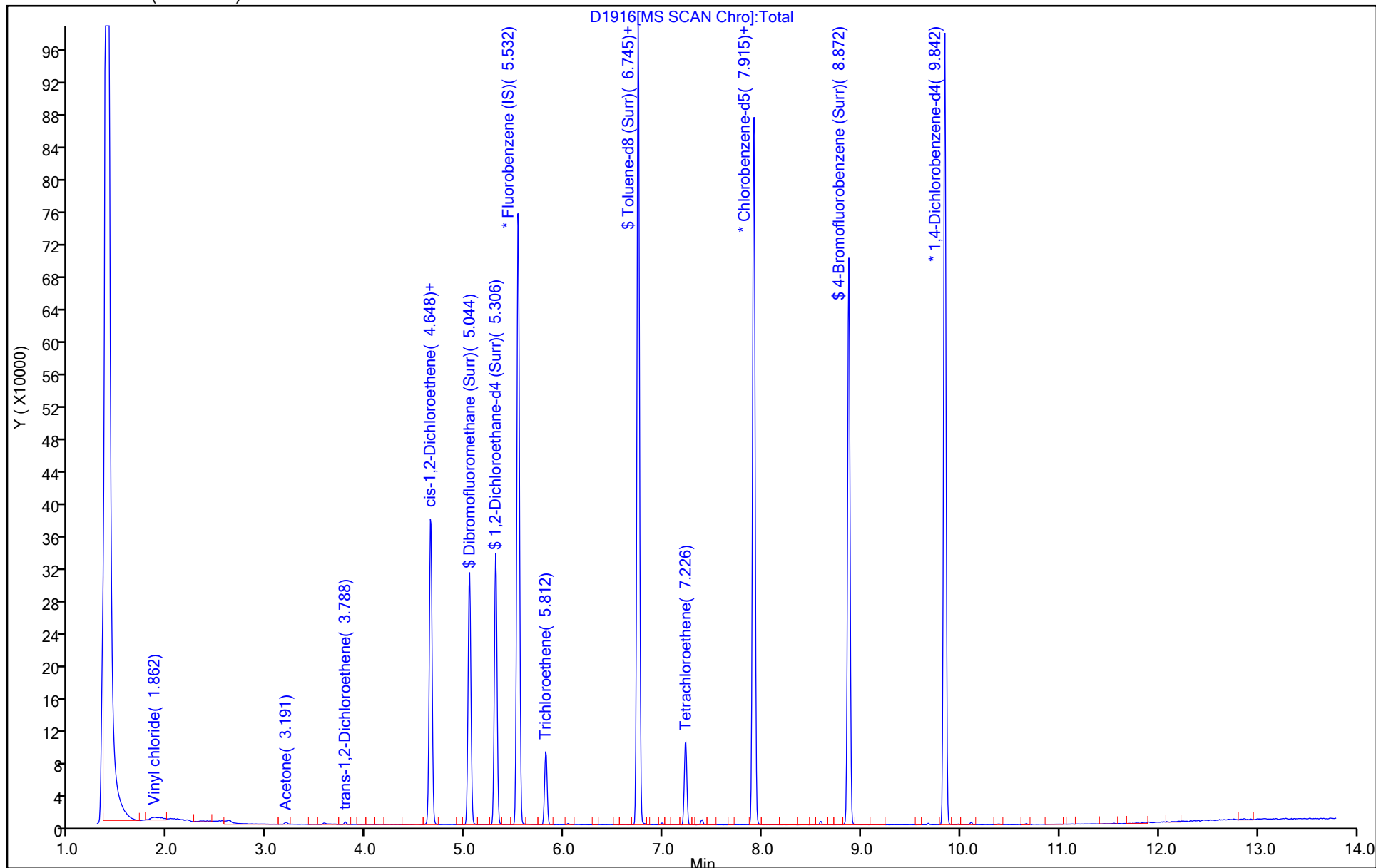
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Client ID: MW-1-62521

Operator ID: OI

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

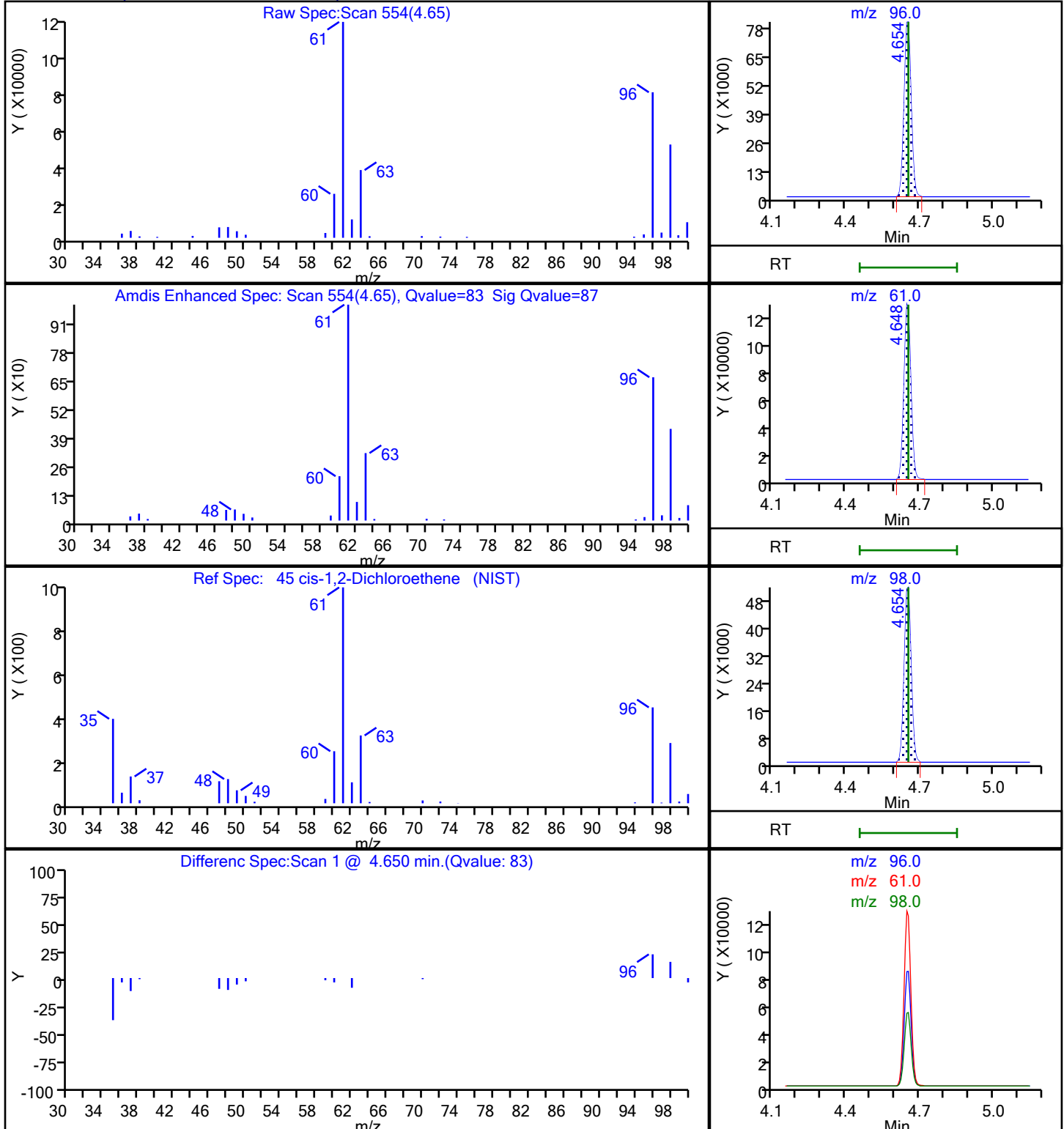
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Client ID: MW-1-62521

Operator ID: OI

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

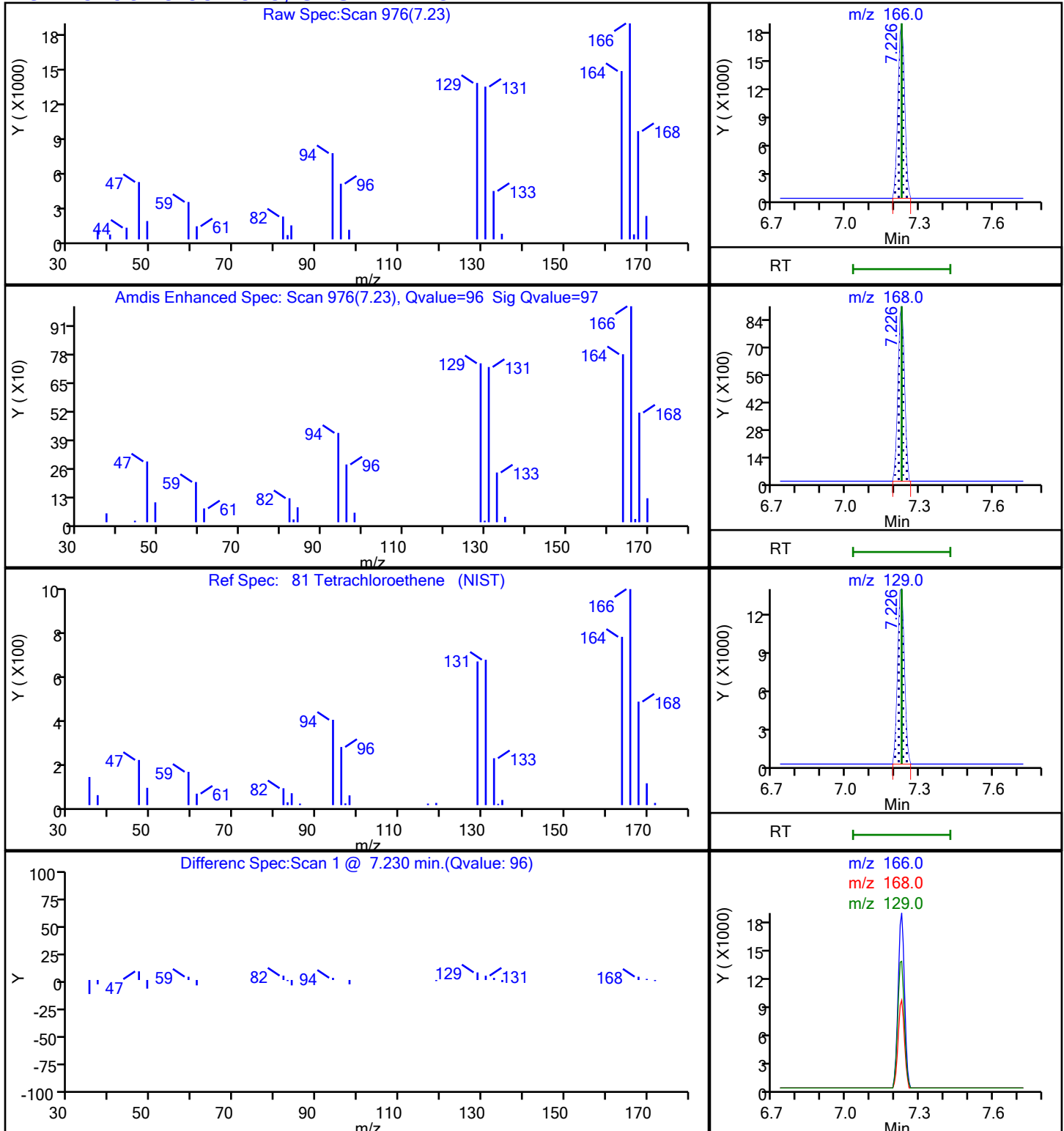
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

81 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Client ID: MW-1-62521

Operator ID: OI

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

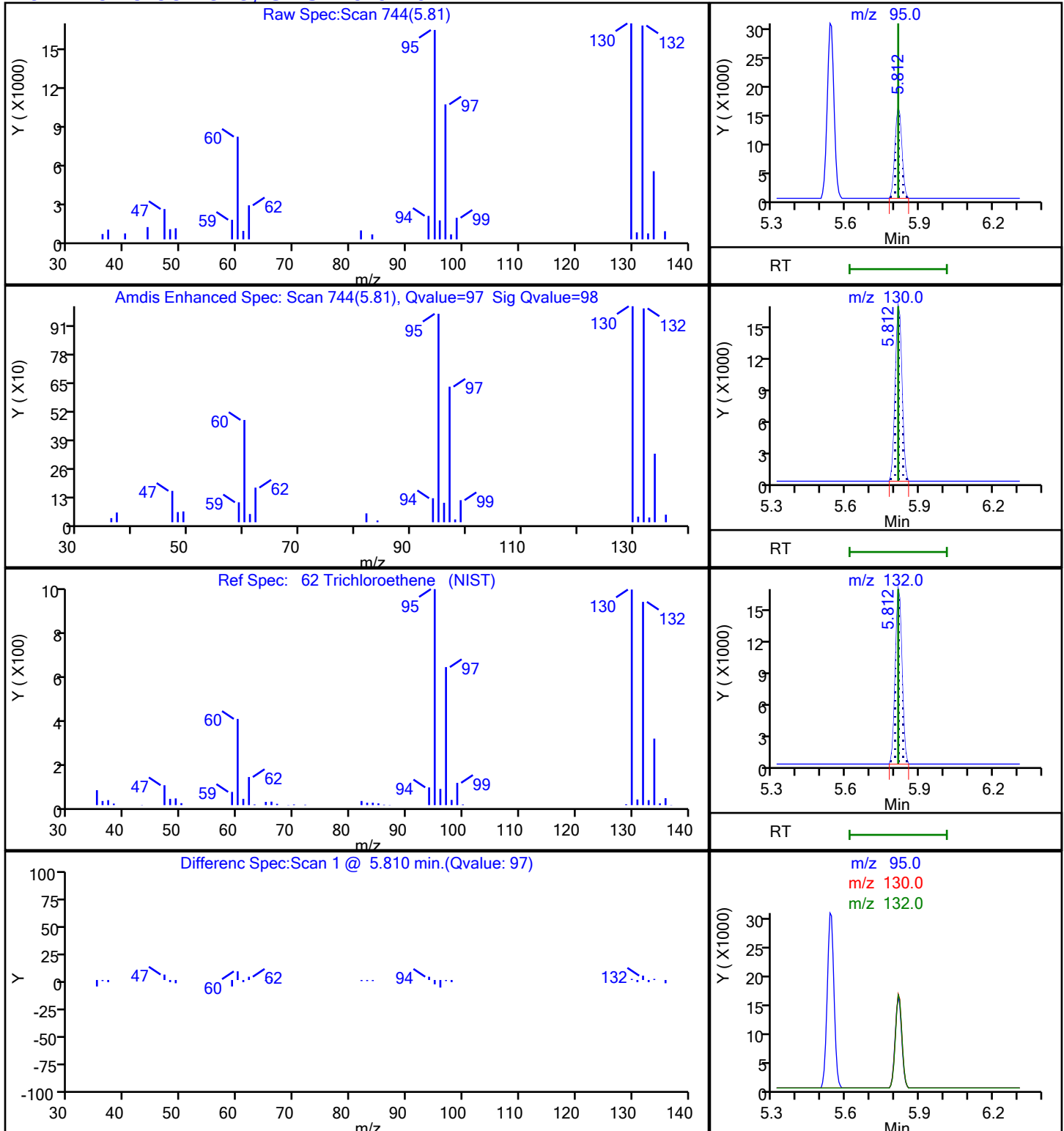
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Client ID: MW-1-62521

Operator ID: OI

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

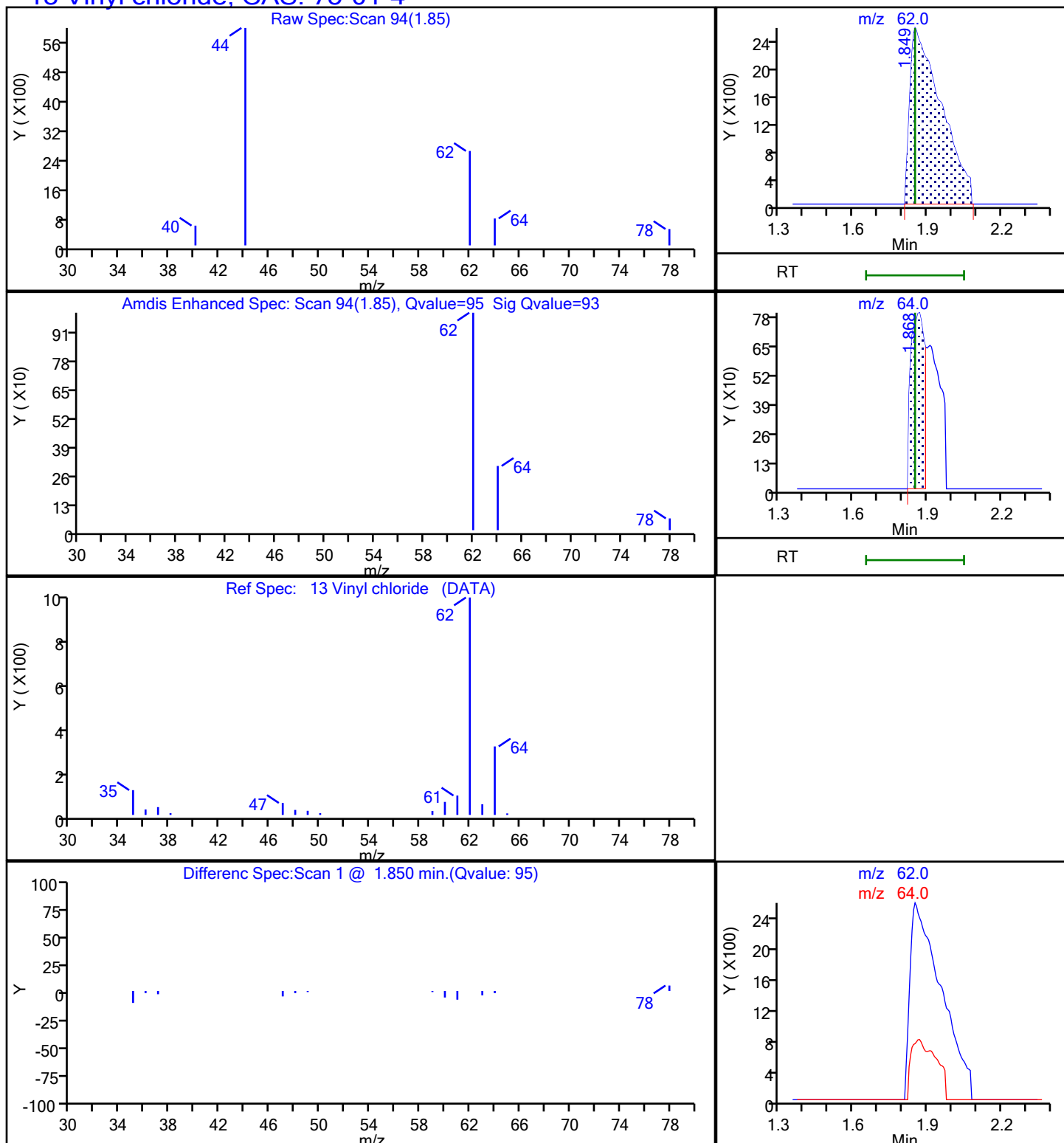
Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

13 Vinyl chloride, CAS: 75-01-4



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D

Injection Date: 30-Jun-2021 13:00:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-4

Lab Sample ID: 480-186567-4

Client ID: MW-1-62521

Operator ID: OI

ALS Bottle#: 11

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

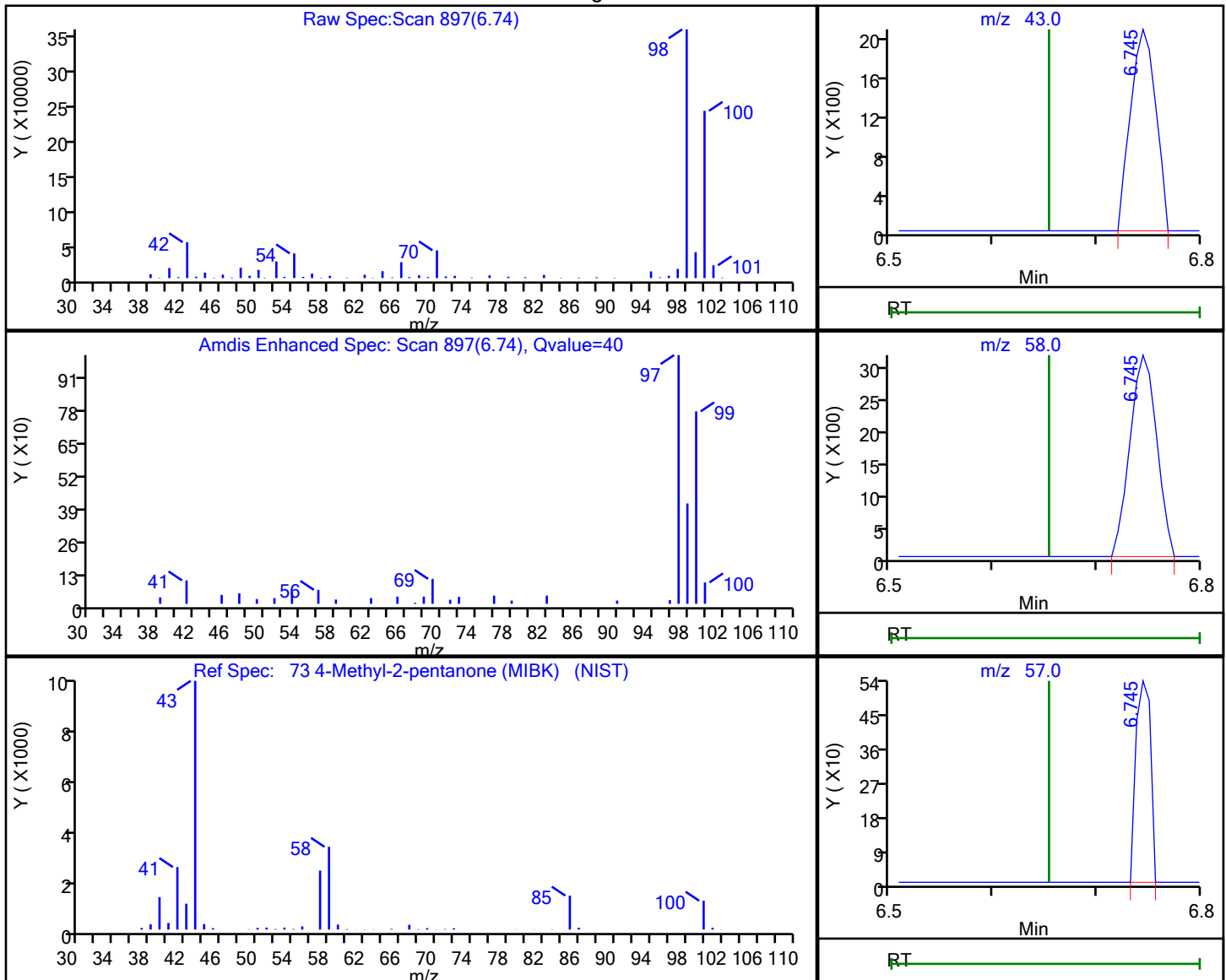
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3403	0.302850
6.74	58.00	5780	
6.74	57.00	532	

Reviewer: lapointec, 01-Jul-2021 12:12:10

Audit Action: Marked Compound Undetected

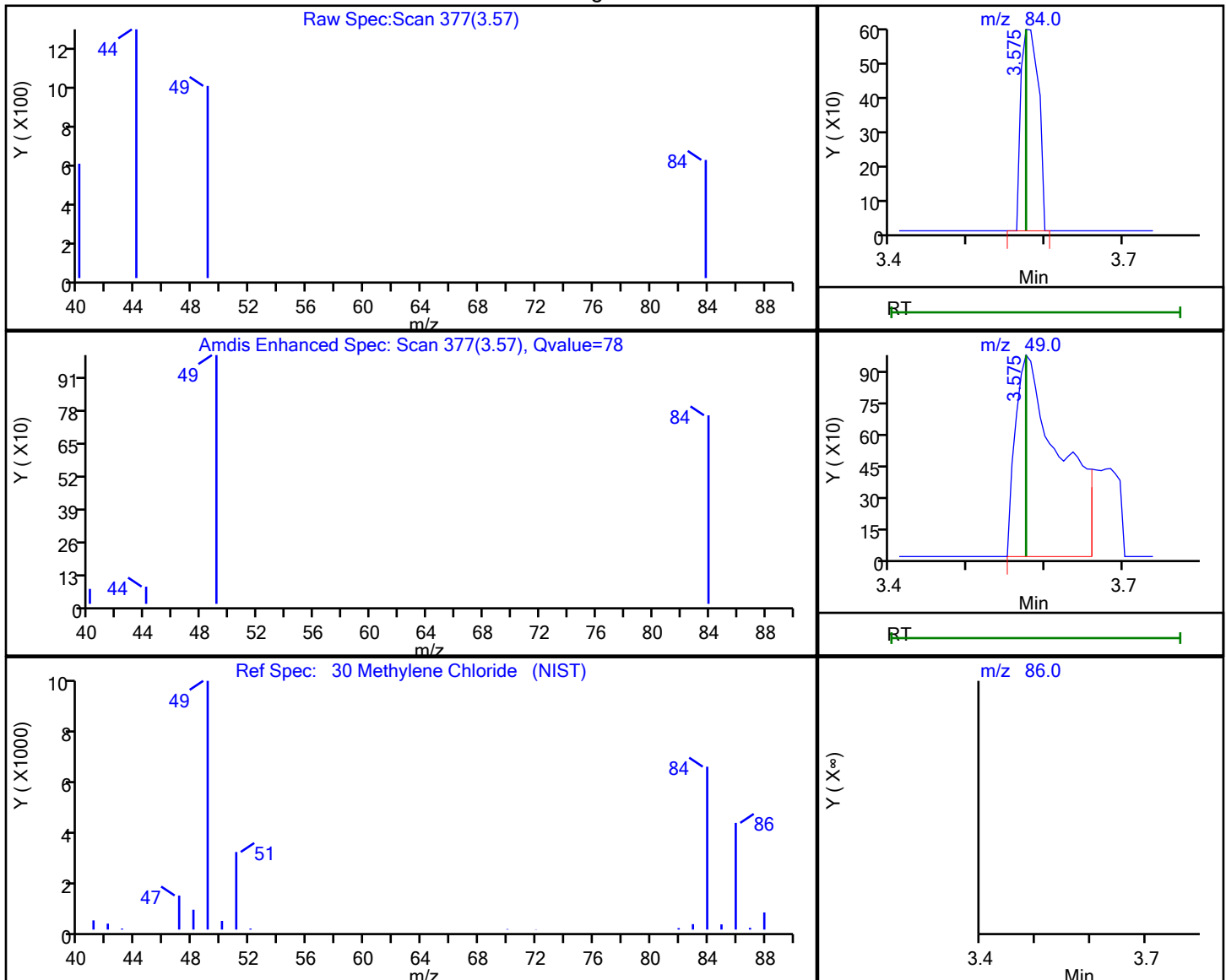
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1916.D
Injection Date: 30-Jun-2021 13:00:30 Instrument ID: HP5975D
Lims ID: 480-186567-B-4 Lab Sample ID: 480-186567-4
Client ID: MW-1-62521
Operator ID: OI ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.57	84.00	940	-0.123916
3.57	49.00	3933	
3.57	86.00	0	

Reviewer: lapointec, 01-Jul-2021 12:12:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Client Sample ID: MW-2-62521 Lab Sample ID: 480-186567-5

Matrix: Water Lab File ID: D1917.D

Analysis Method: 8260C Date Collected: 06/25/2021 13:55

Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:22

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-2-62521 Lab Sample ID: 480-186567-5
 Matrix: Water Lab File ID: D1917.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:55
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	31		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	0.96	J	1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	8.4		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.2		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D
 Lims ID: 480-186567-B-5
 Client ID: MW-2-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 13:22:30 ALS Bottle#: 12 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-5
 Misc. Info.: 480-0099624-012
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:13:06 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:13:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.532	-0.001	98	132859	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	279421	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.841	9.842	-0.001	95	291657	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	195230	25.0	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	115925	24.2	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	642927	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	93	219273	24.1	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62	1.849	1.849	0.000	95	11017	1.21	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	U
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	5948	0.9562	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96	4.653	4.654	-0.001	83	78772	9.94	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.812	5.812	0.000	97	65040	8.41	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	252063	30.8	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Worklist Smp#: 12

Client ID: MW-2-62521

Purge Vol: 5.000 mL

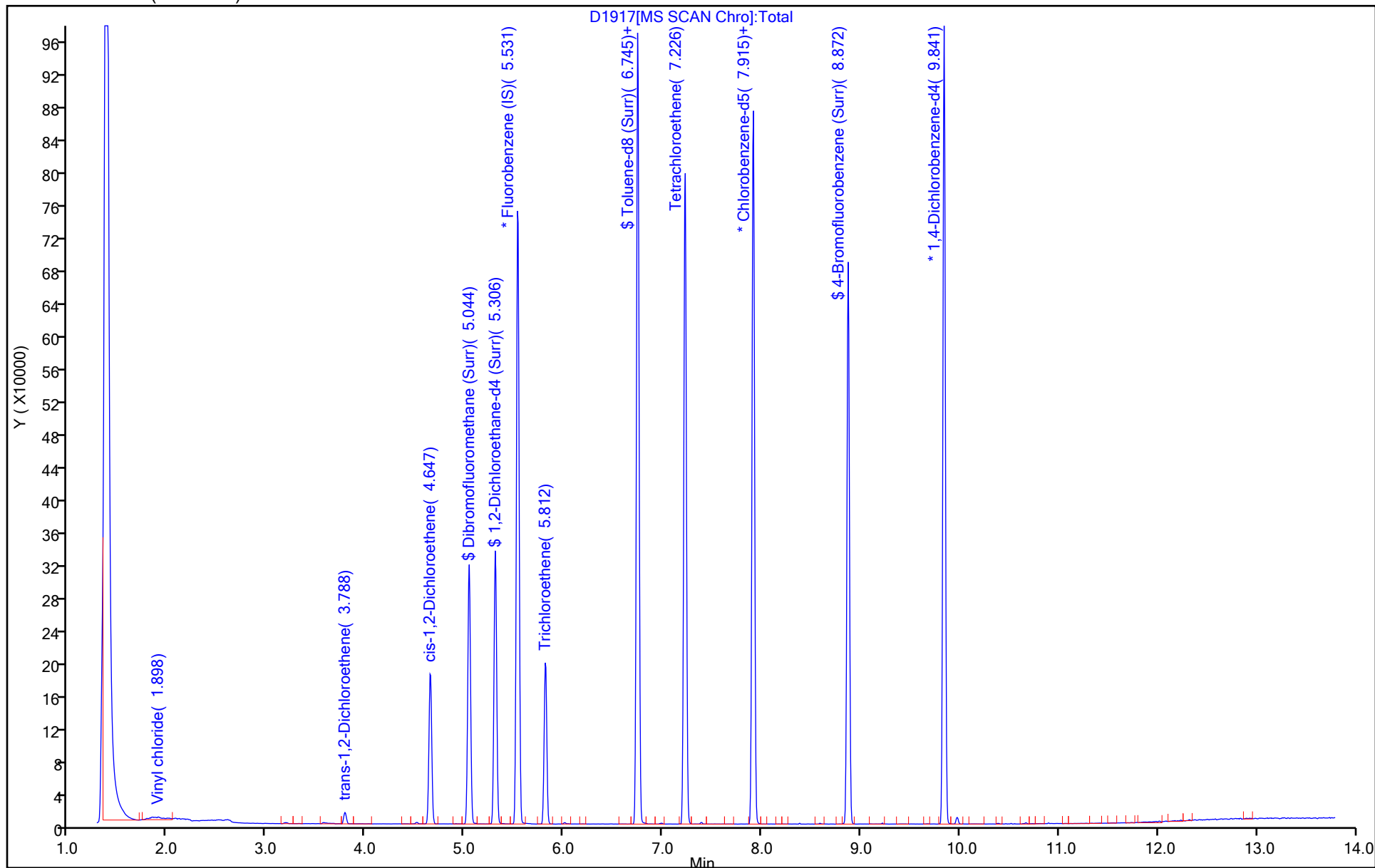
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#: 12

Worklist Smp#: 12

Purge Vol: 5.000 mL

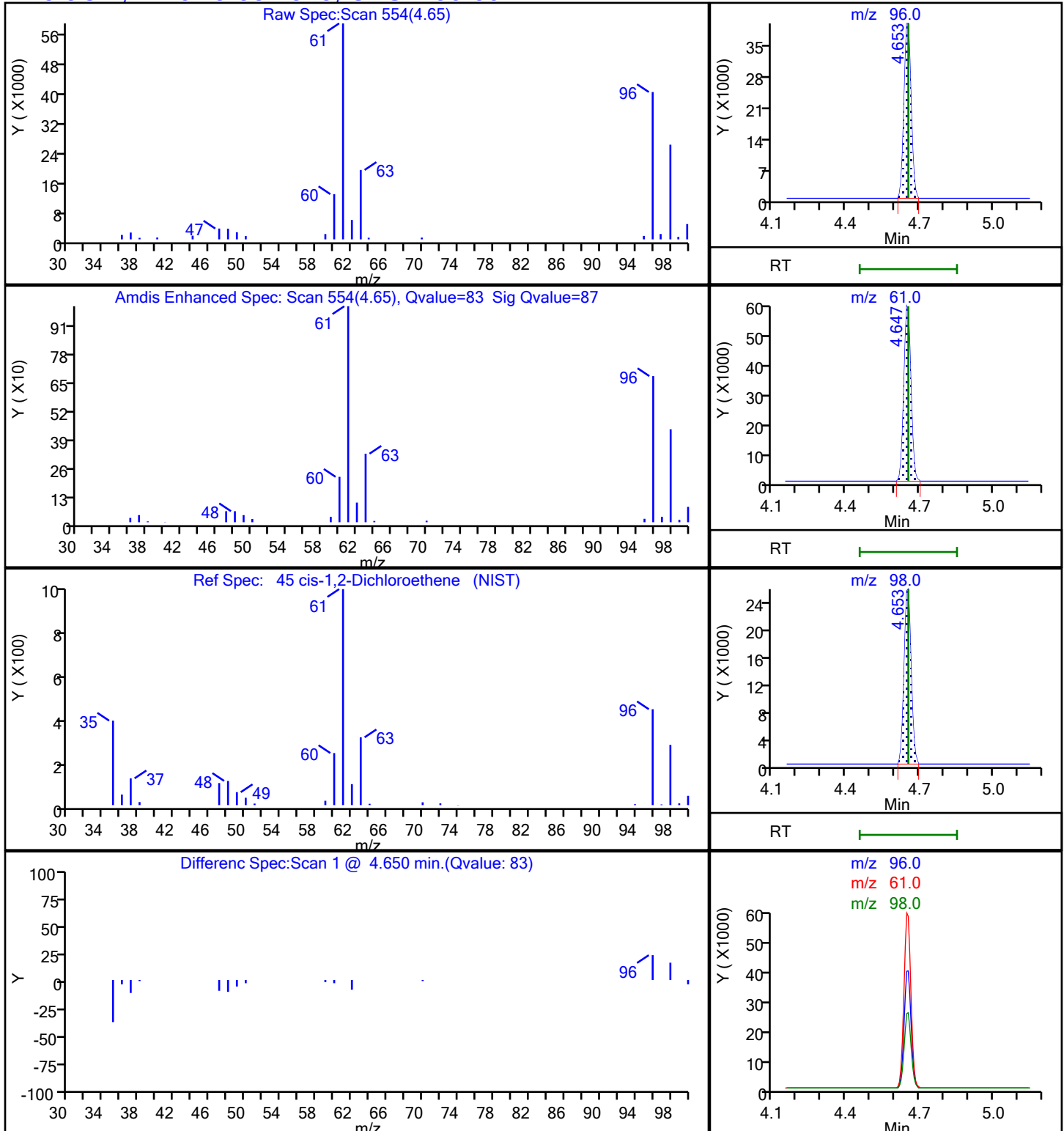
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#: 12

Worklist Smp#: 12

Purge Vol: 5.000 mL

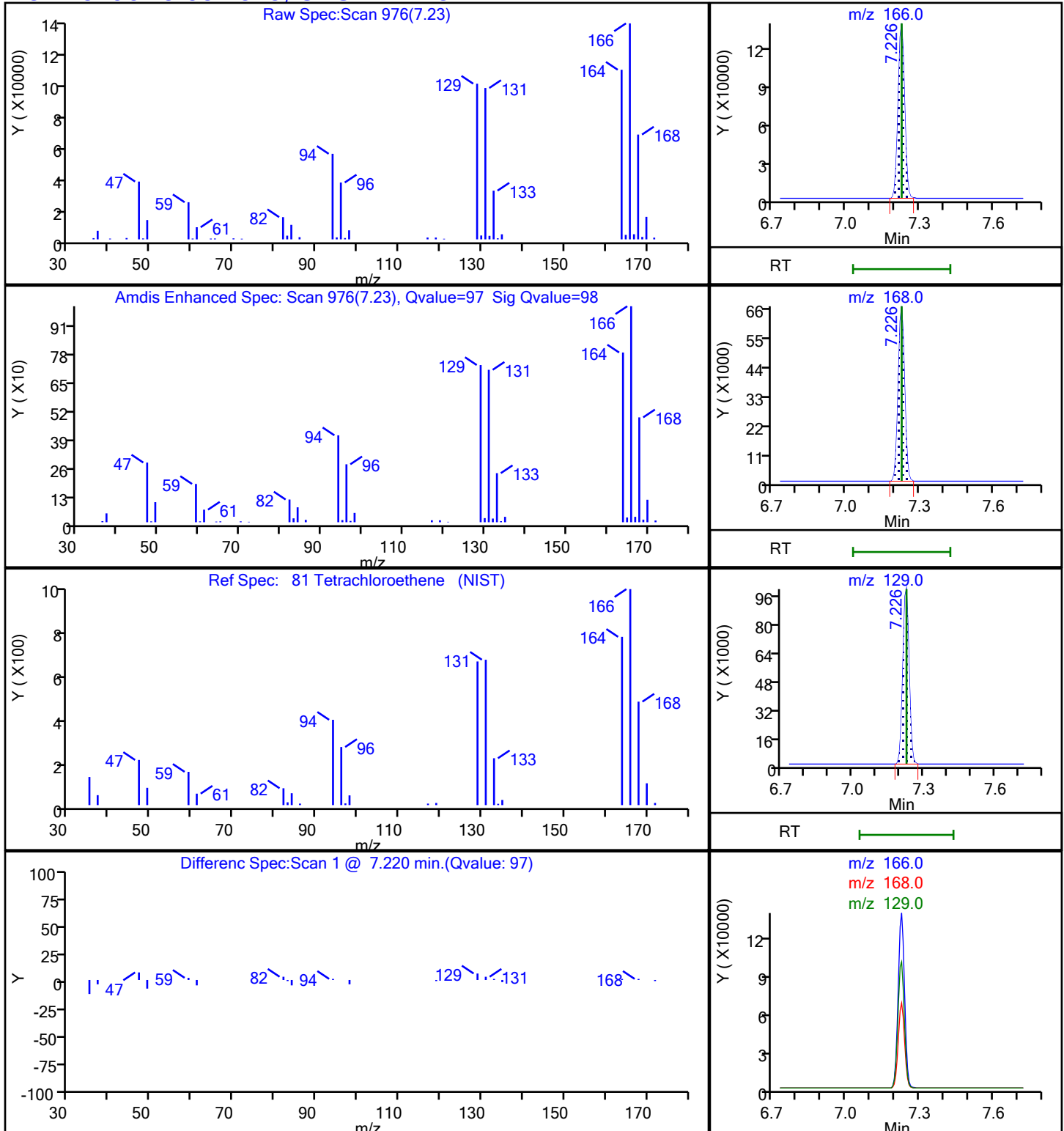
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

81 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#: 12

Worklist Smp#: 12

Purge Vol: 5.000 mL

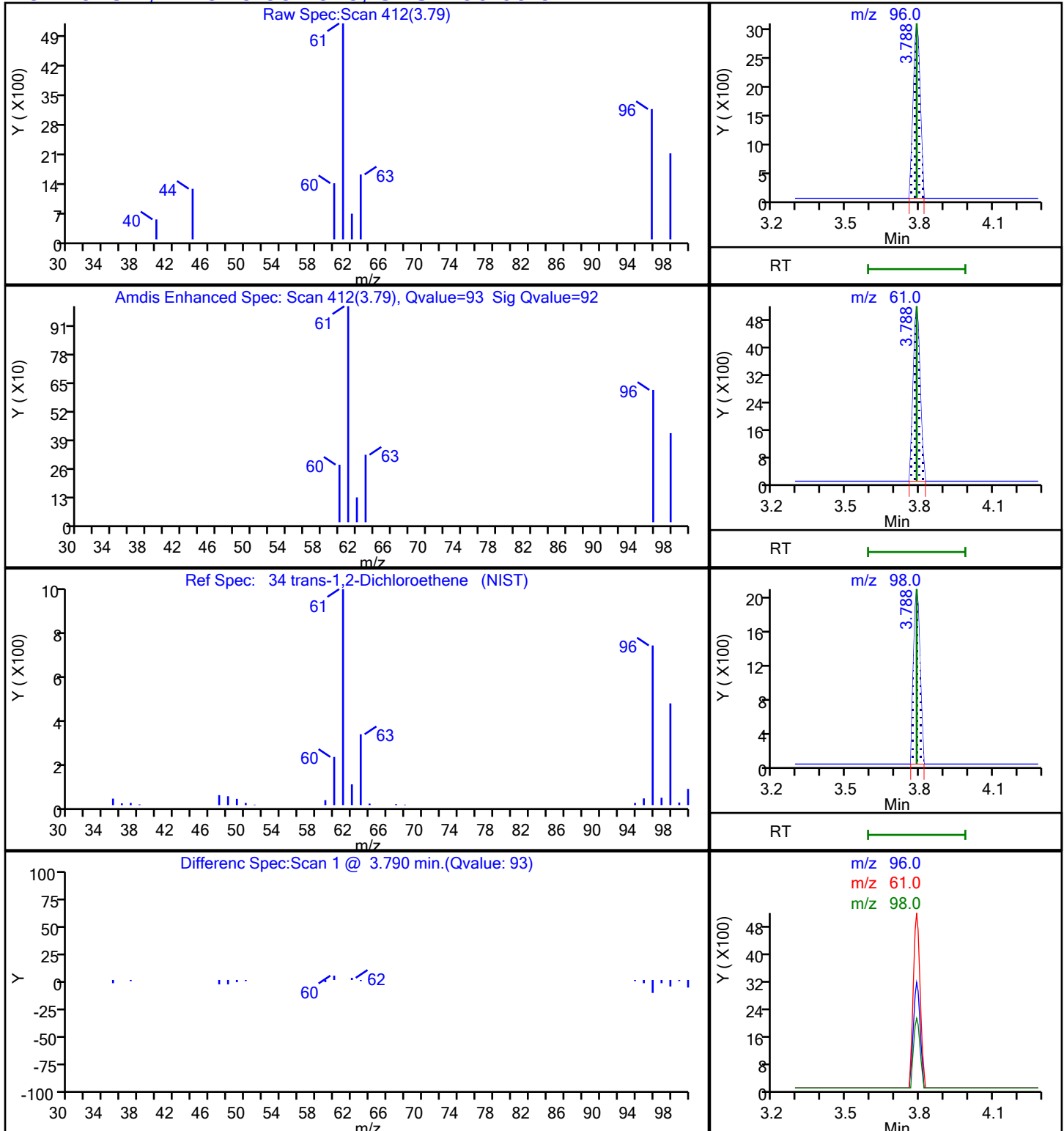
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#: 12

Worklist Smp#: 12

Purge Vol: 5.000 mL

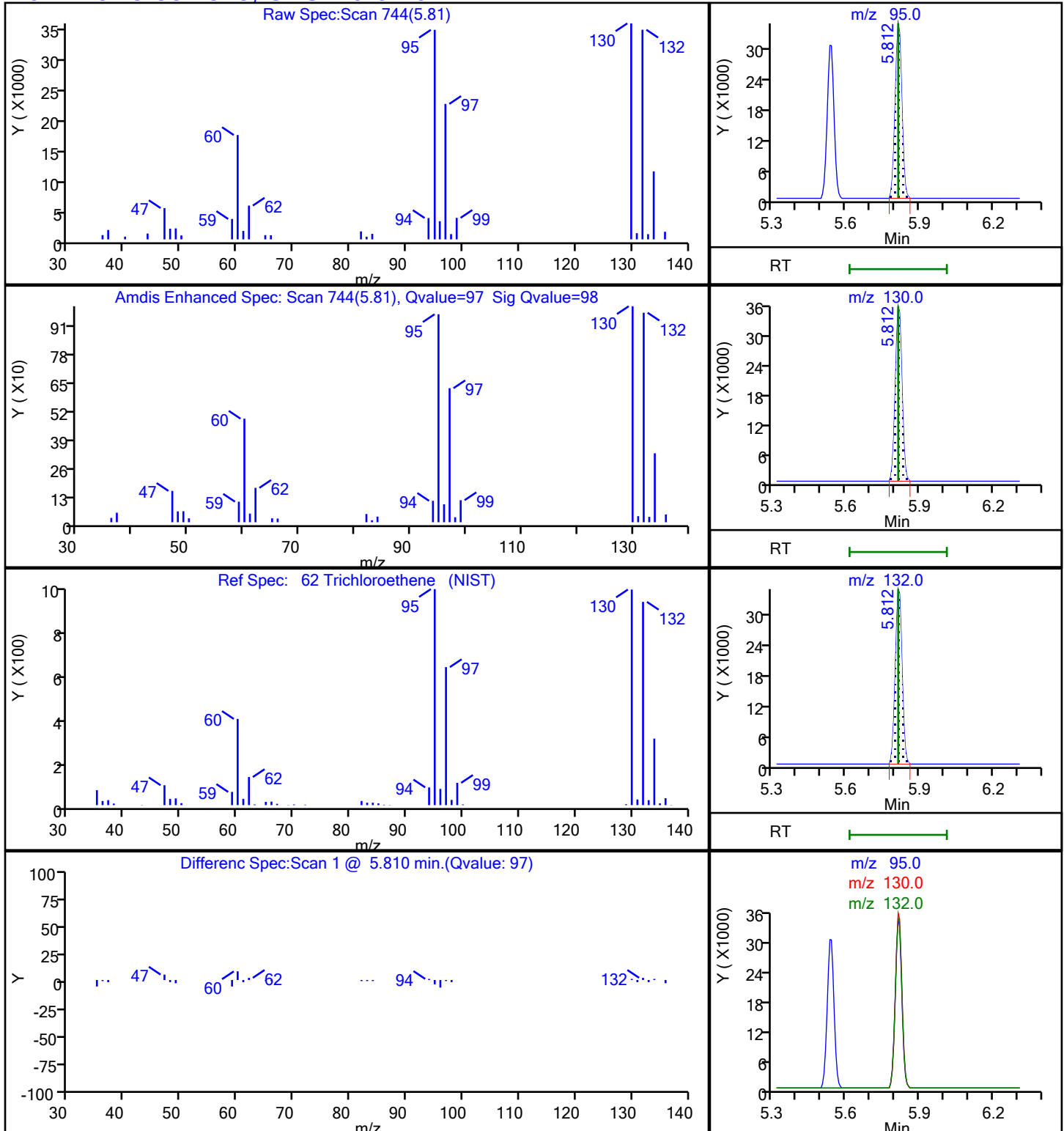
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#: 12

Worklist Smp#: 12

Purge Vol: 5.000 mL

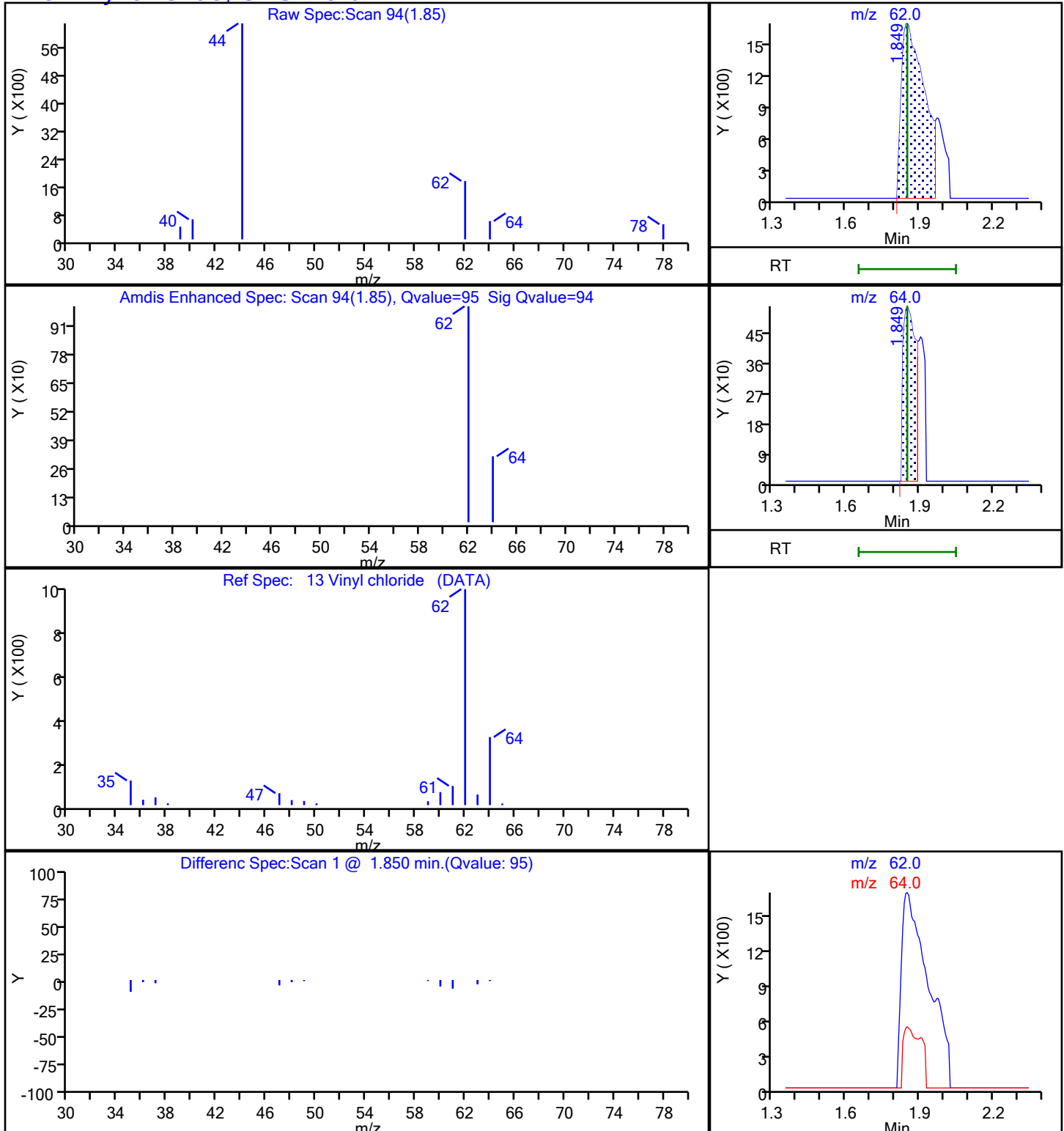
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

13 Vinyl chloride, CAS: 75-01-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D

Injection Date: 30-Jun-2021 13:22:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-5

Lab Sample ID: 480-186567-5

Client ID: MW-2-62521

Operator ID: OI

ALS Bottle#:

12

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

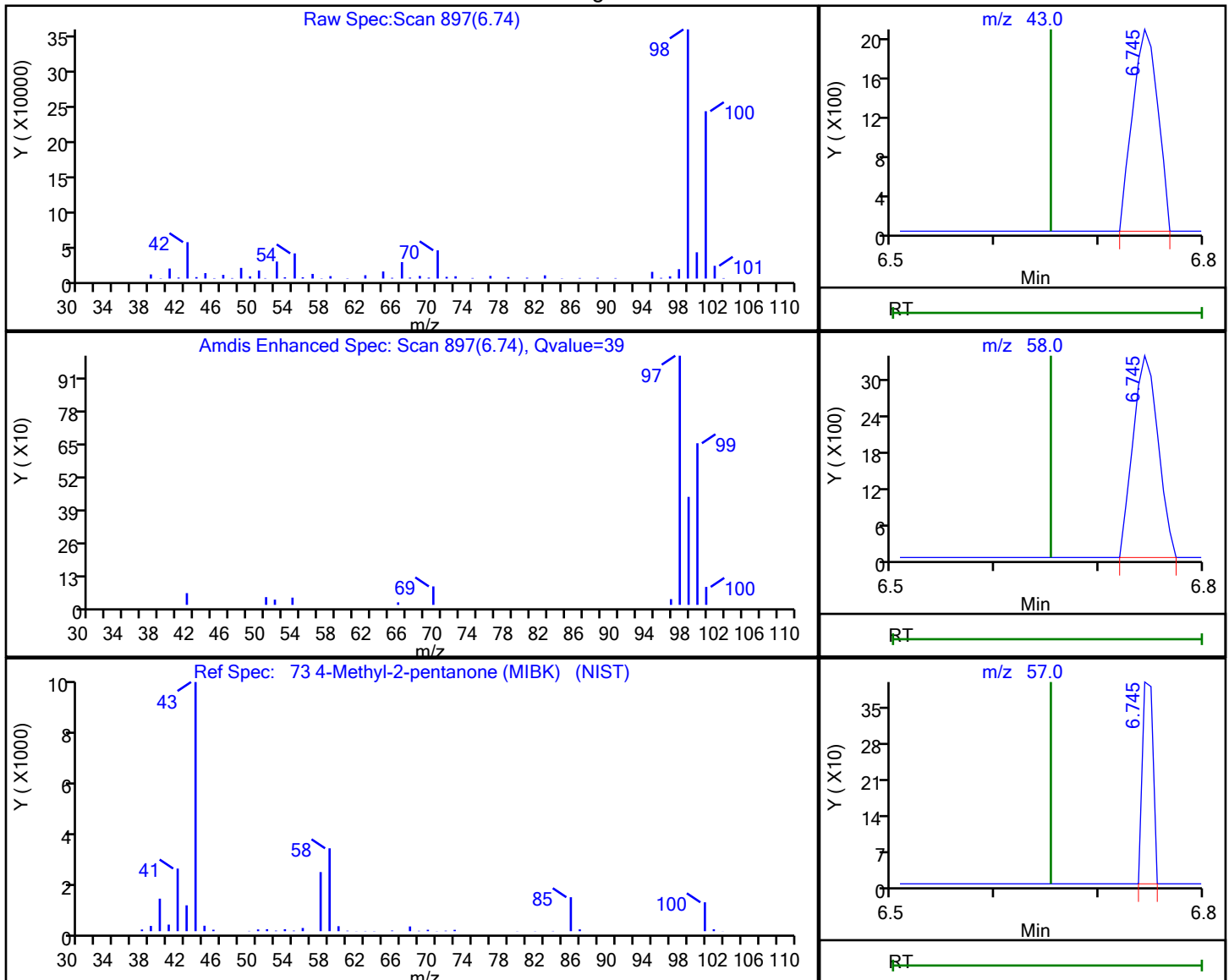
Column: ZB-624 (0.18 mm)

Detector

MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3398	0.304216
6.74	58.00	5721	
6.74	57.00	287	

Reviewer: lapointec, 01-Jul-2021 12:12:57

Audit Action: Marked Compound Undetected

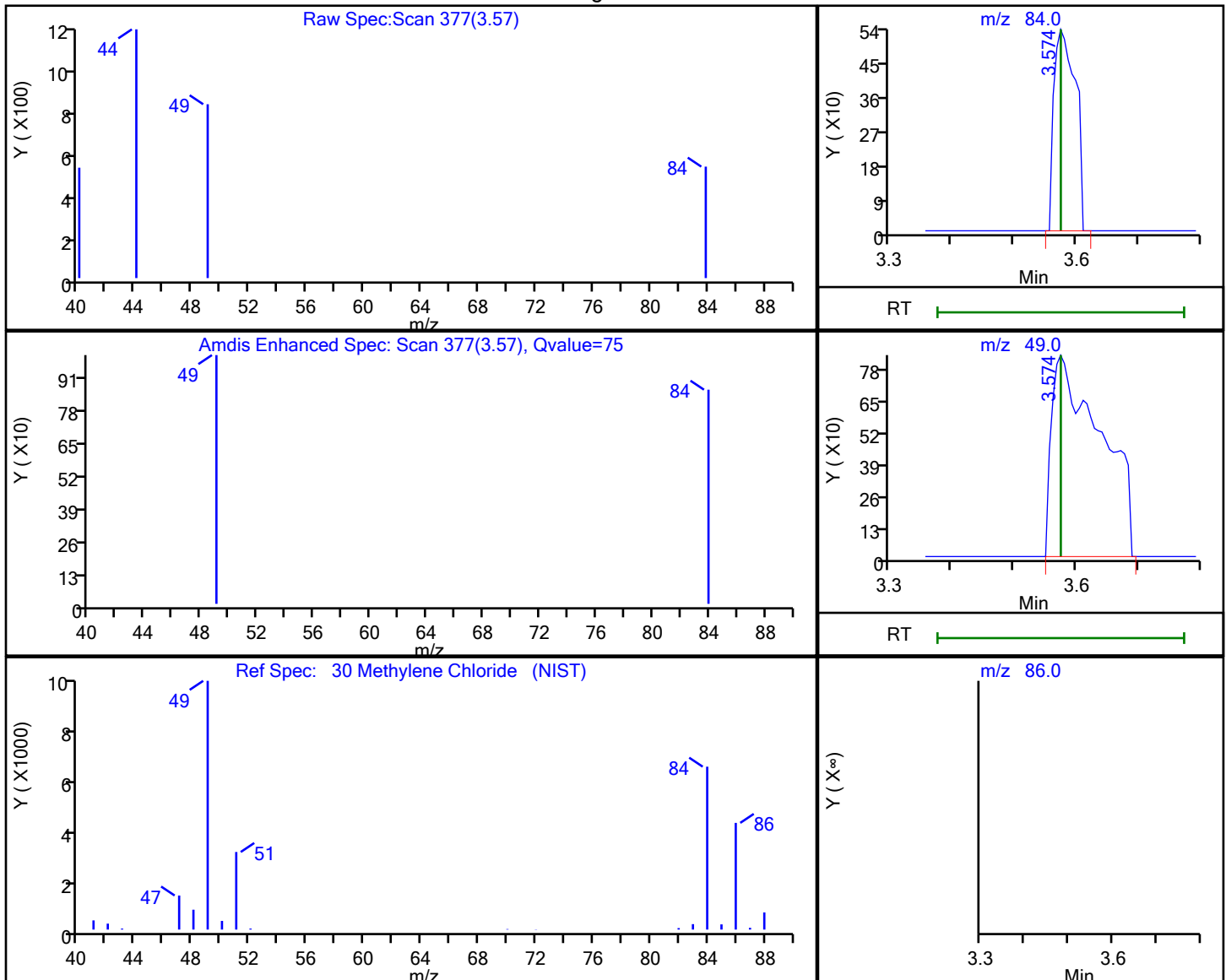
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1917.D
Injection Date: 30-Jun-2021 13:22:30 Instrument ID: HP5975D
Lims ID: 480-186567-B-5 Lab Sample ID: 480-186567-5
Client ID: MW-2-62521
Operator ID: OI ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.57	84.00	1288	-0.076828
3.57	49.00	4583	
3.57	86.00	0	

Reviewer: lapointec, 01-Jul-2021 12:12:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-3-62521 Lab Sample ID: 480-186567-6
 Matrix: Water Lab File ID: D1918.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	16		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-3-62521 Lab Sample ID: 480-186567-6
 Matrix: Water Lab File ID: D1918.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	3.4		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	2.3		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	3.9		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D
 Lims ID: 480-186567-B-6
 Client ID: MW-3-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 13:44:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-6
 Misc. Info.: 480-0099624-013
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:13:33 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:13:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	125379	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	267067	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	275576	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	185410	25.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	109845	24.3	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	616355	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	92	207851	23.9	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62	1.837	1.849	-0.012	97	33125	3.87	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	
26 Carbon disulfide	76		3.294				ND	U
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	7
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	4979	0.8482	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96	4.648	4.654	-0.006	84	122464	16.4	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.812	5.812	0.000	96	16766	2.30	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166	7.226	7.226	0.000	96	26695	3.41	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Worklist Smp#: 13

Client ID: MW-3-62521

Purge Vol: 5.000 mL

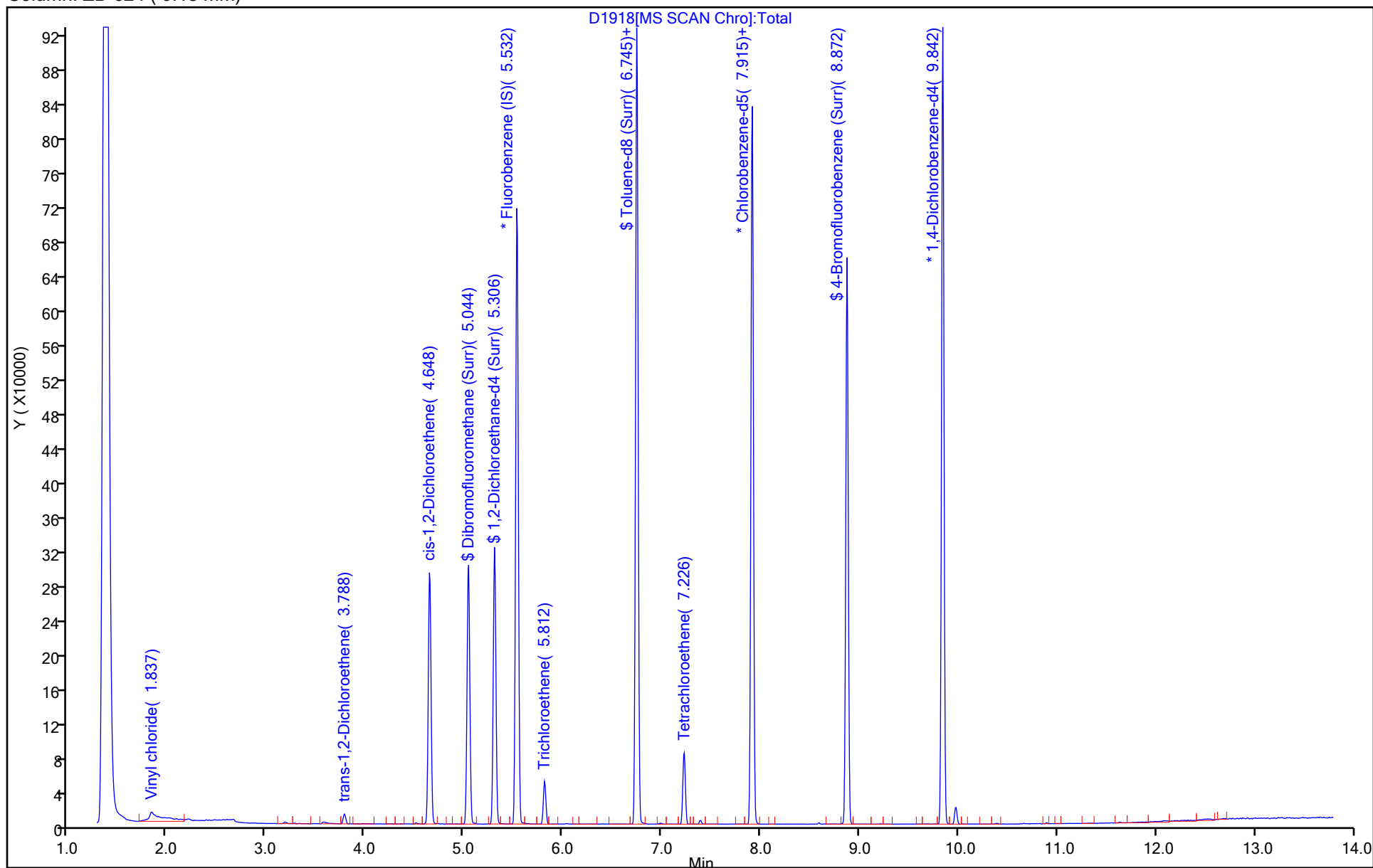
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

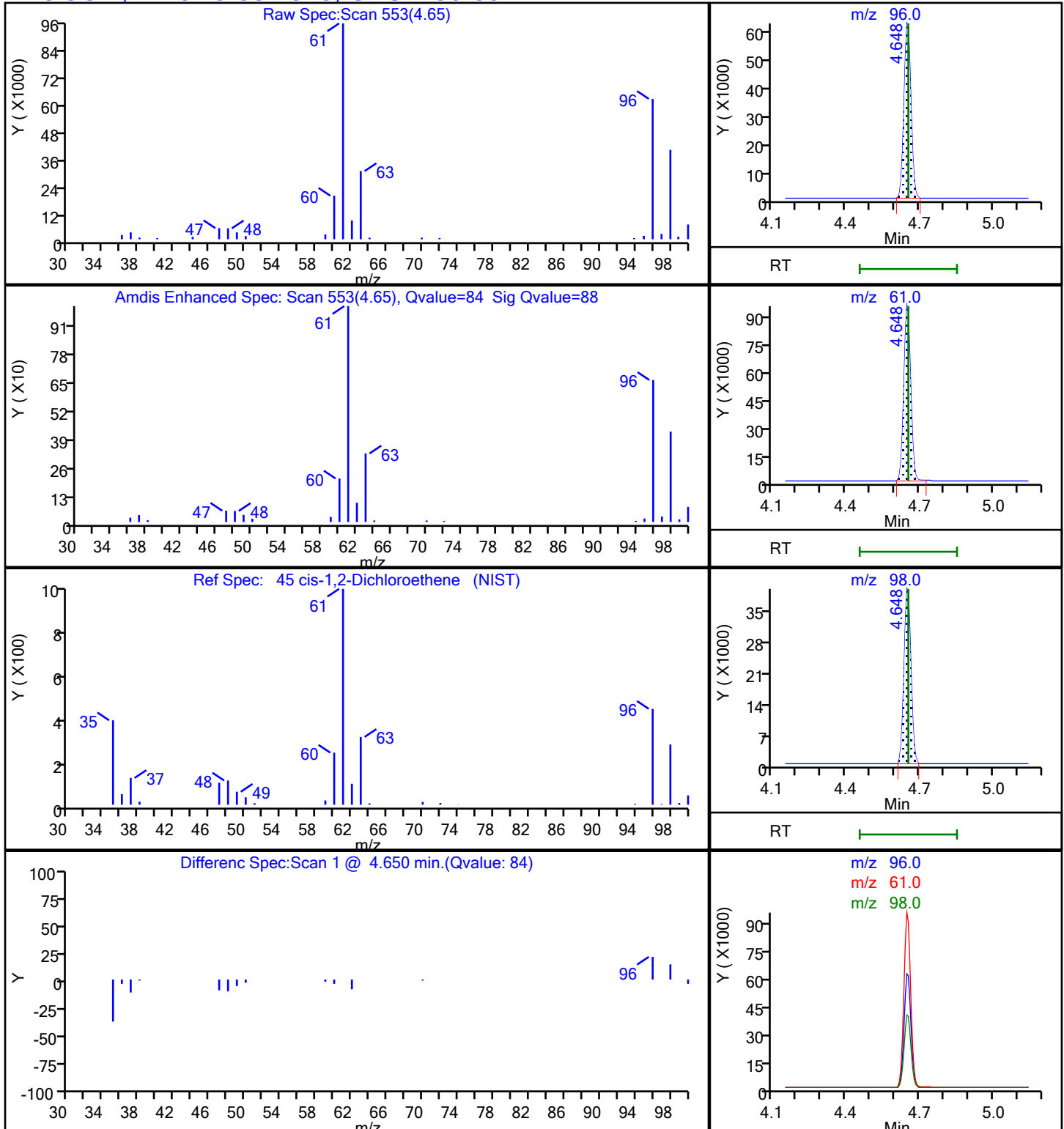
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

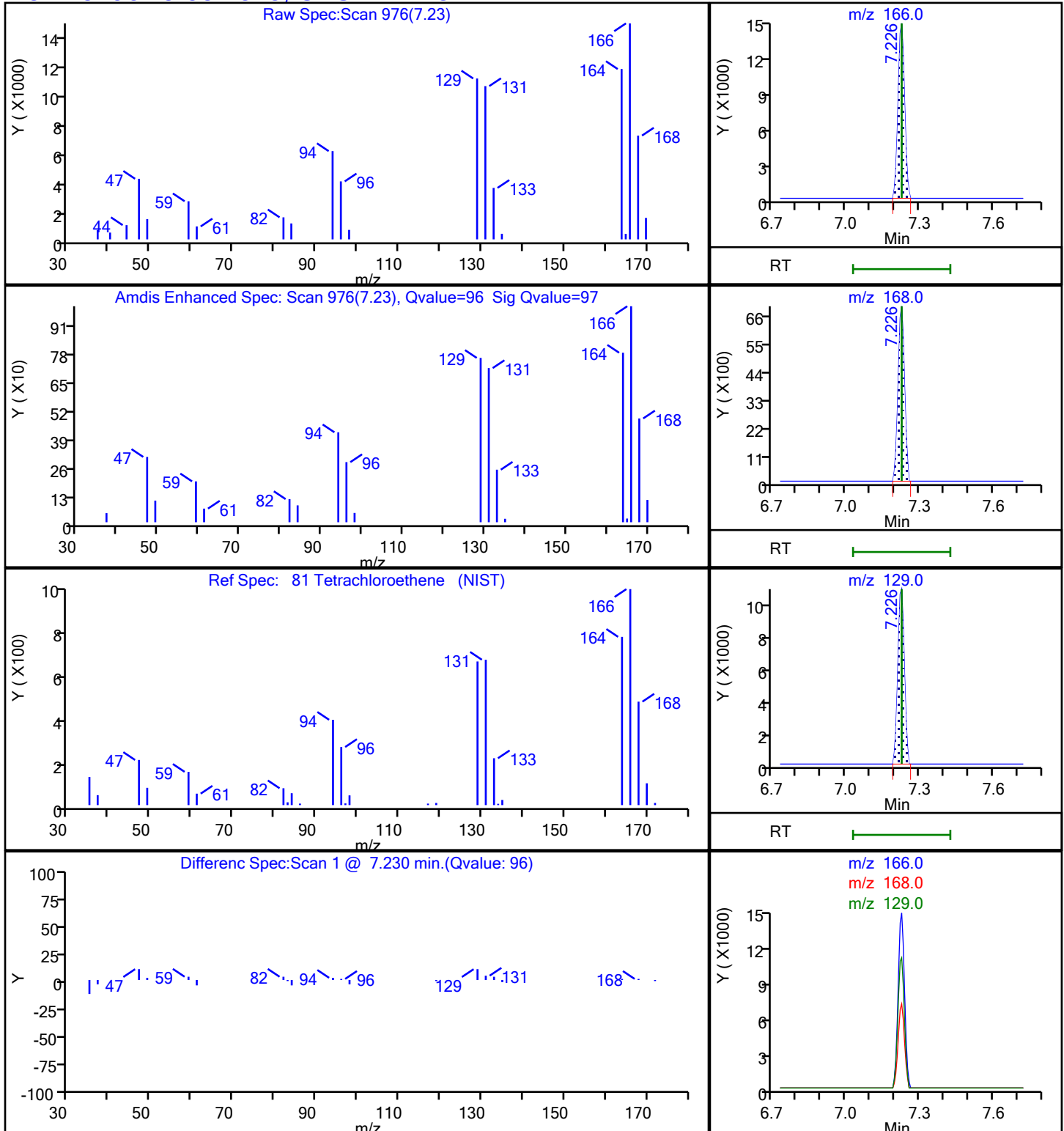
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

81 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

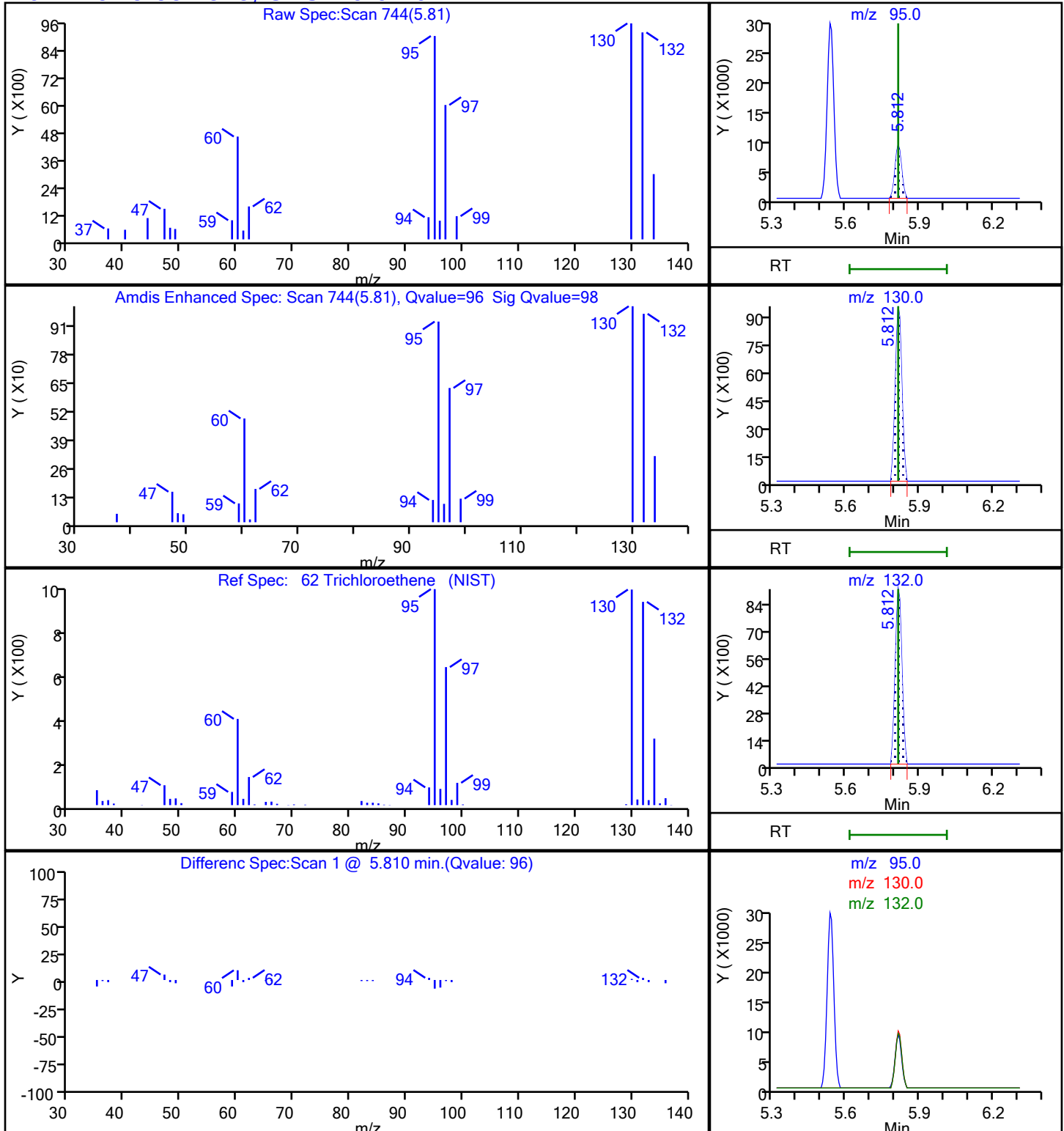
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

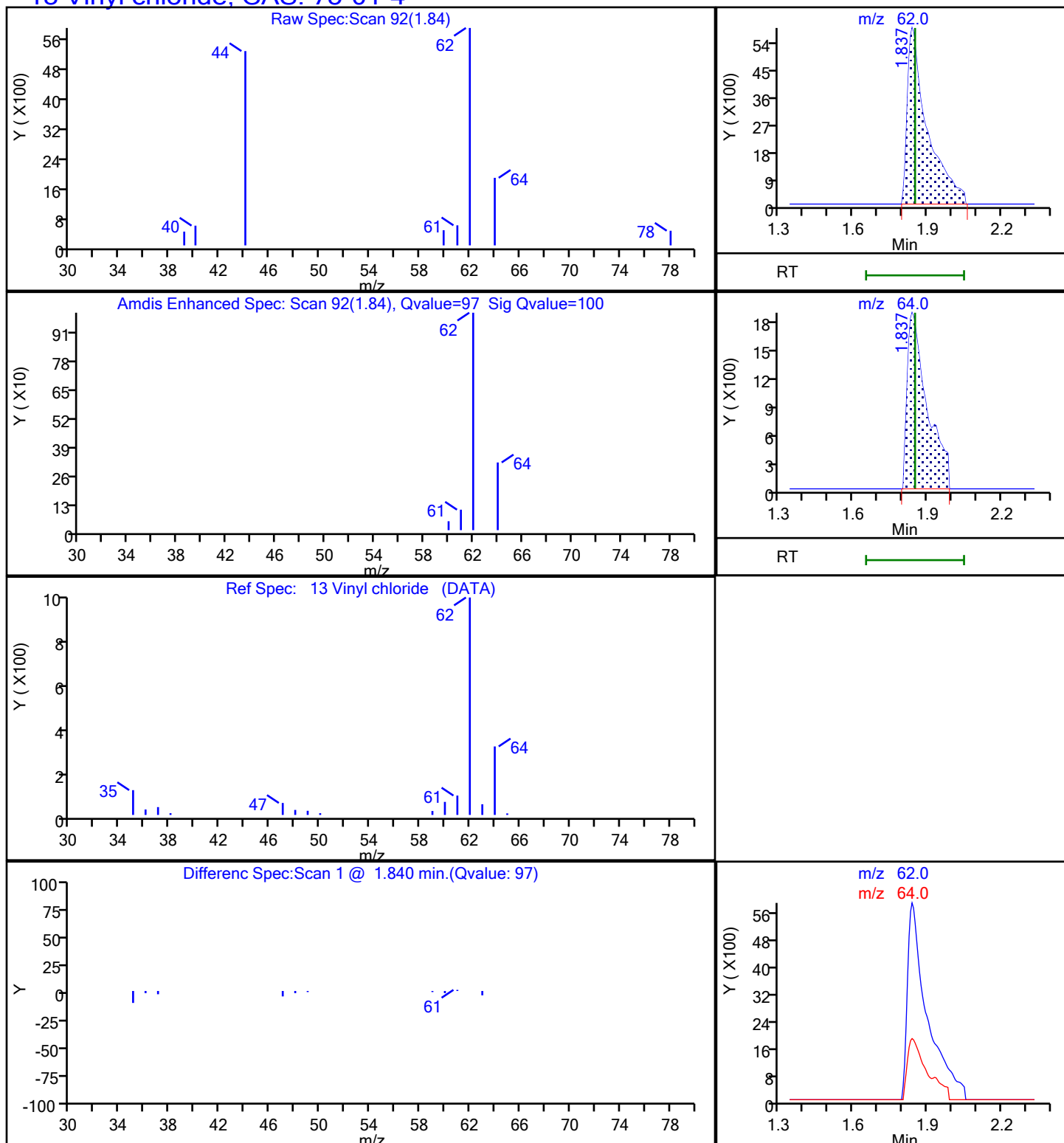
Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

13 Vinyl chloride, CAS: 75-01-4



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

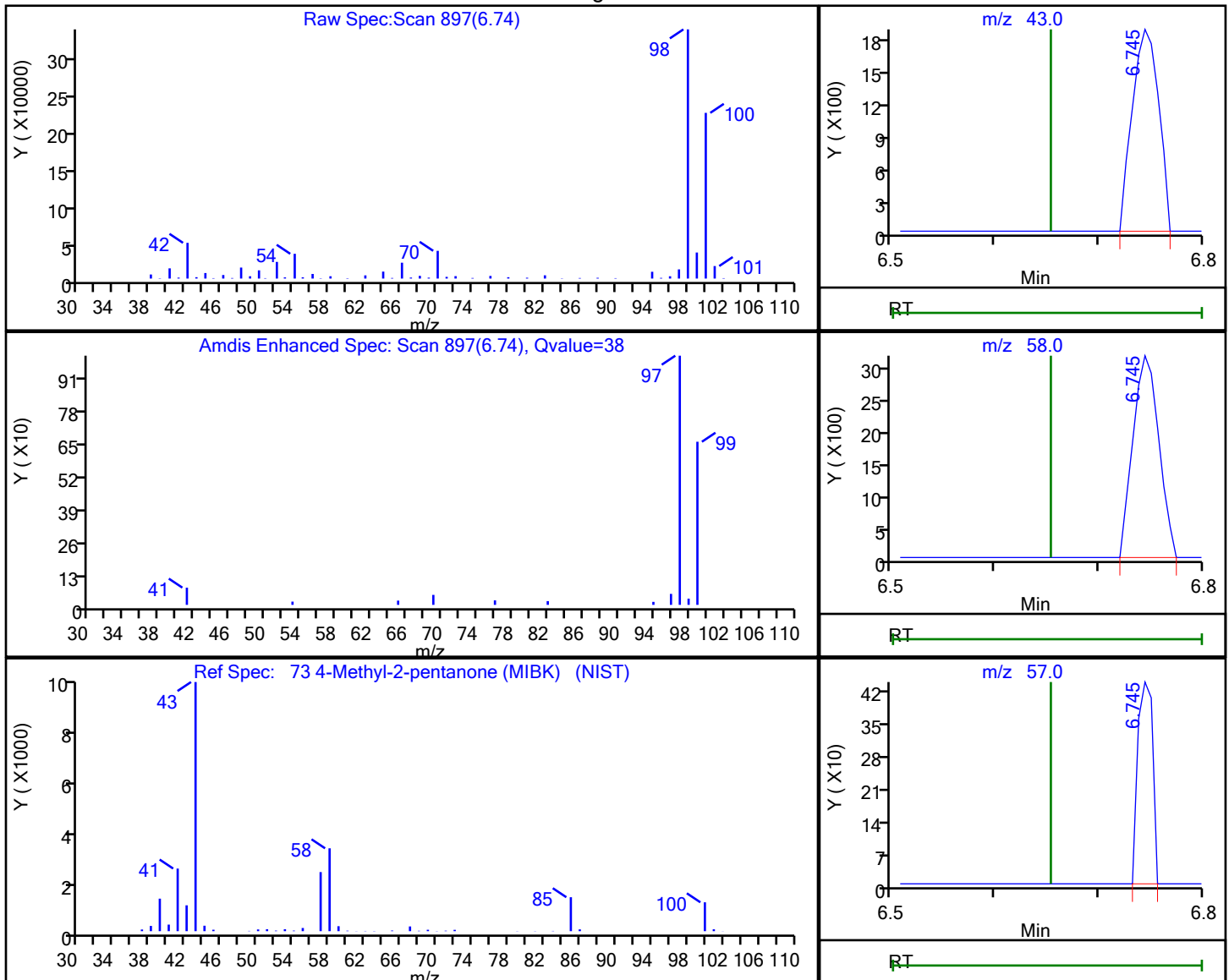
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3245	0.303957
6.74	58.00	5418	
6.74	57.00	435	

Reviewer: lapointec, 01-Jul-2021 12:13:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1918.D

Injection Date: 30-Jun-2021 13:44:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-6

Lab Sample ID: 480-186567-6

Client ID: MW-3-62521

Operator ID: OI

ALS Bottle#: 13

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

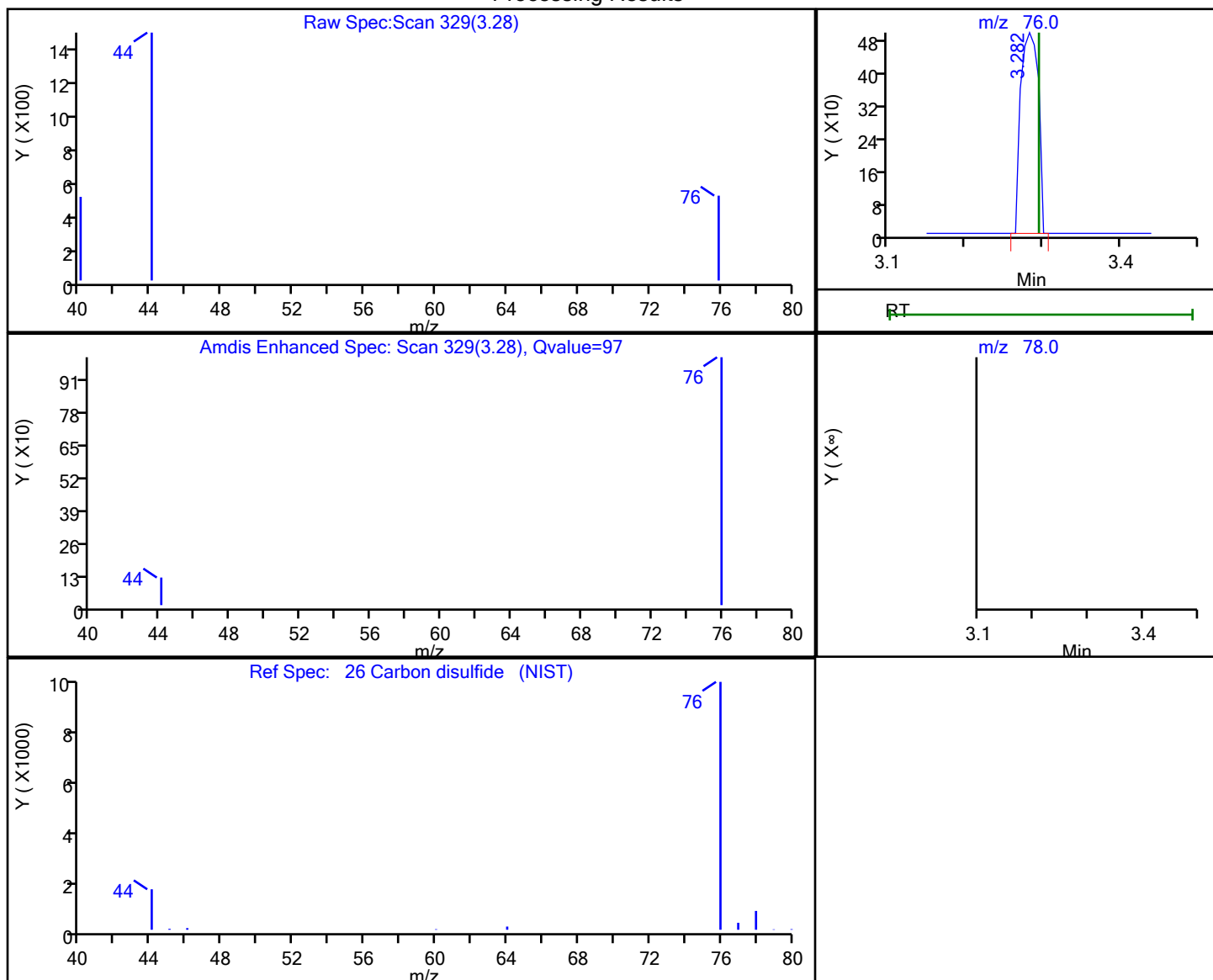
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.28	76.00	783	0.050692
3.29	78.00	0	

Reviewer: lapointec, 01-Jul-2021 12:13:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Client Sample ID: MW-4-62521 Lab Sample ID: 480-186567-7

Matrix: Water Lab File ID: D1919.D

Analysis Method: 8260C Date Collected: 06/25/2021 13:35

Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 14:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

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

Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	3.0		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-4-62521 Lab Sample ID: 480-186567-7
 Matrix: Water Lab File ID: D1919.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:35
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 14:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	0.79	J	1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.78	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4.0		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D
 Lims ID: 480-186567-B-7
 Client ID: MW-4-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 14:07:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-7
 Misc. Info.: 480-0099624-014
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:14:18 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:14:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.538	5.532	0.006	98	126785	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	263273	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	277839	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	183601	24.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	109071	23.9	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	604308	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	92	206637	24.1	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62	1.843	1.849	-0.006	96	34952	4.04	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	U
26 Carbon disulfide	76		3.294				ND	U
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	7
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96		3.788				ND	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96	4.654	4.654	0.000	83	22826	3.02	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83		4.910				ND	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95	5.812	5.812	0.000	96	5728	0.7759	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	U
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166	7.226	7.226	0.000	95	6100	0.7901	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D

Injection Date: 30-Jun-2021 14:07:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-7

Lab Sample ID: 480-186567-7

Worklist Smp#: 14

Client ID: MW-4-62521

Purge Vol: 5.000 mL

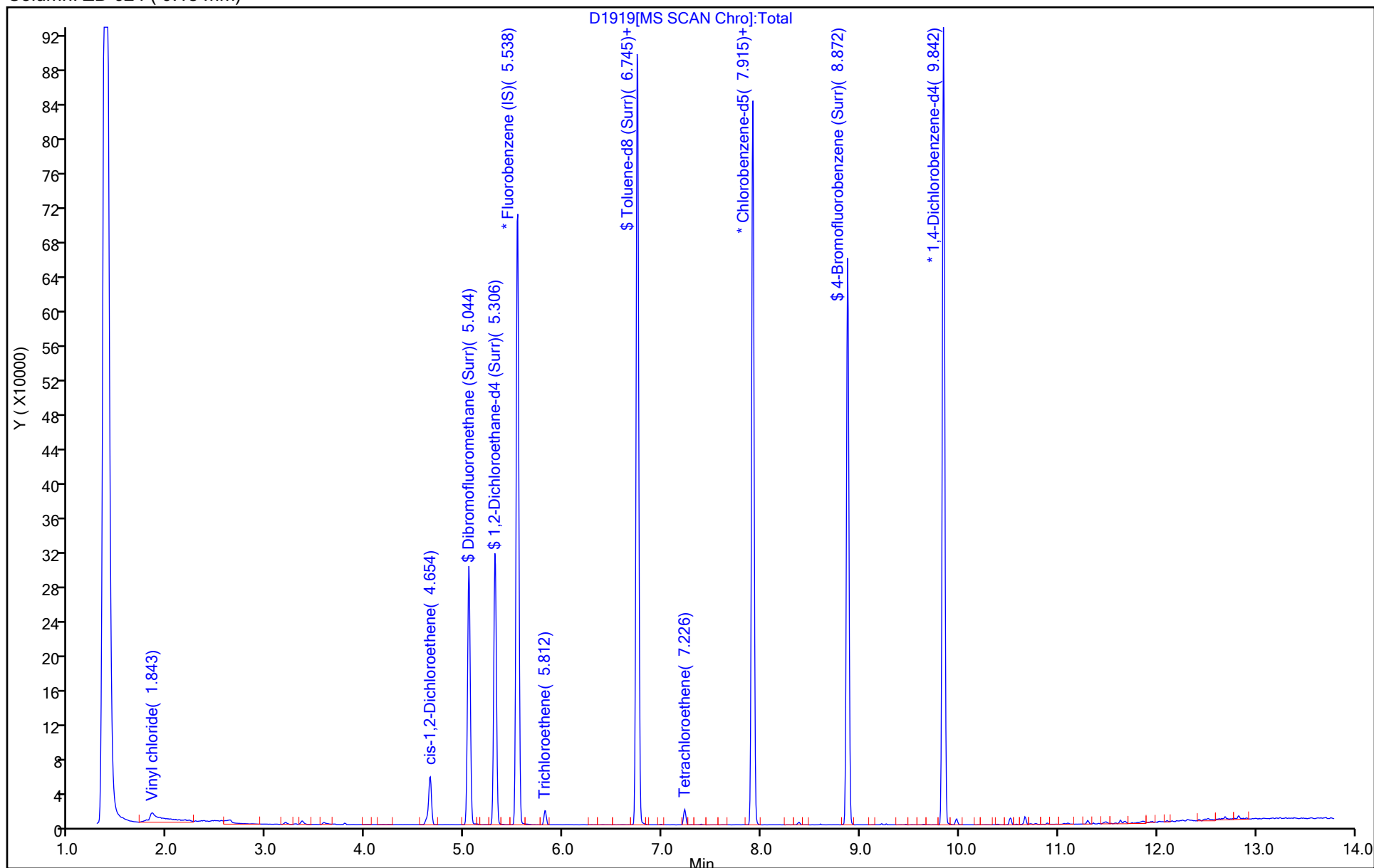
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D

Injection Date: 30-Jun-2021 14:07:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-7

Lab Sample ID: 480-186567-7

Client ID: MW-4-62521

Operator ID: OI

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

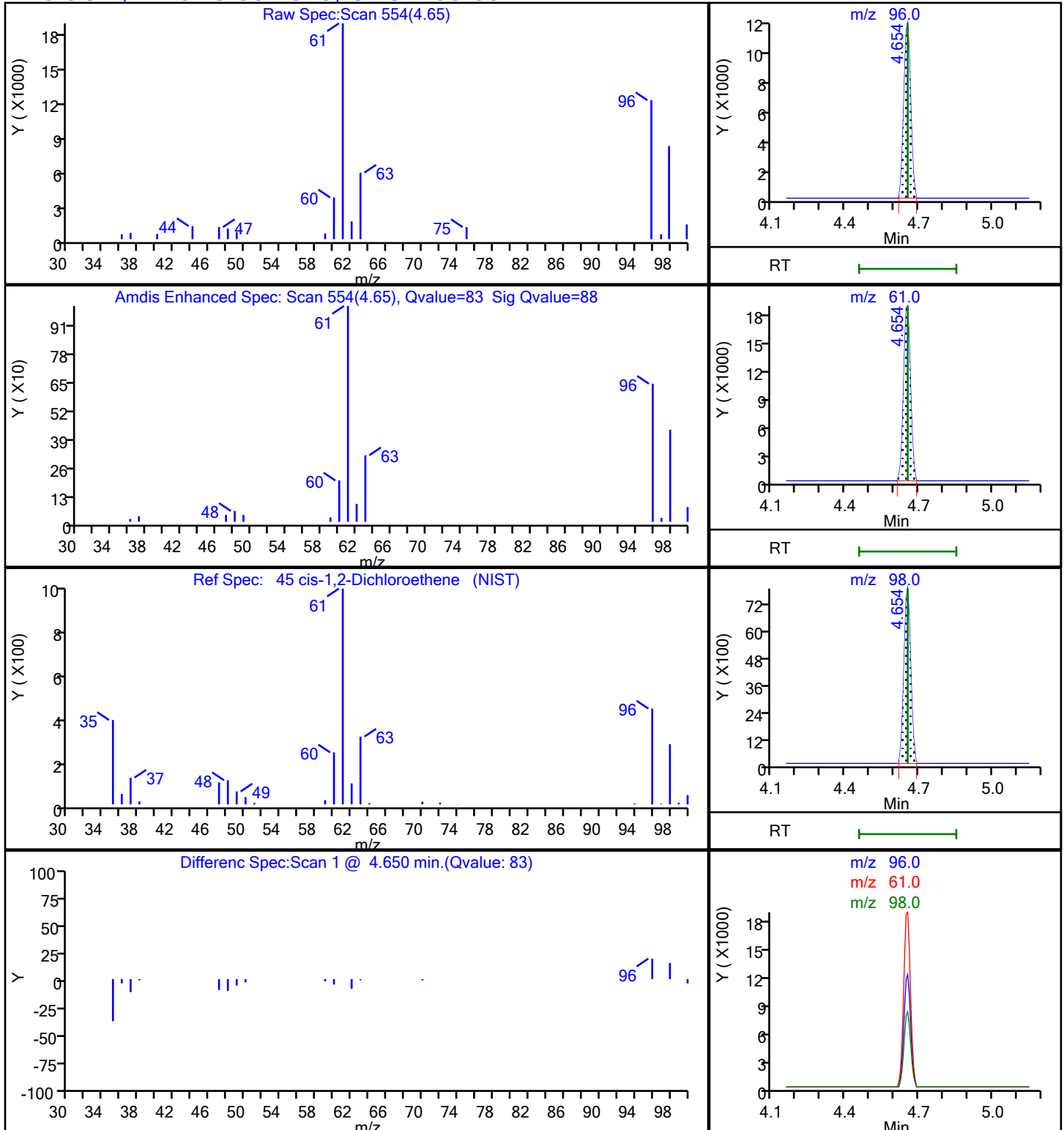
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

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

Detector MS SCAN

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D

Injection Date: 30-Jun-2021 14:07:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-7

Lab Sample ID: 480-186567-7

Client ID: MW-4-62521

Operator ID: OI

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

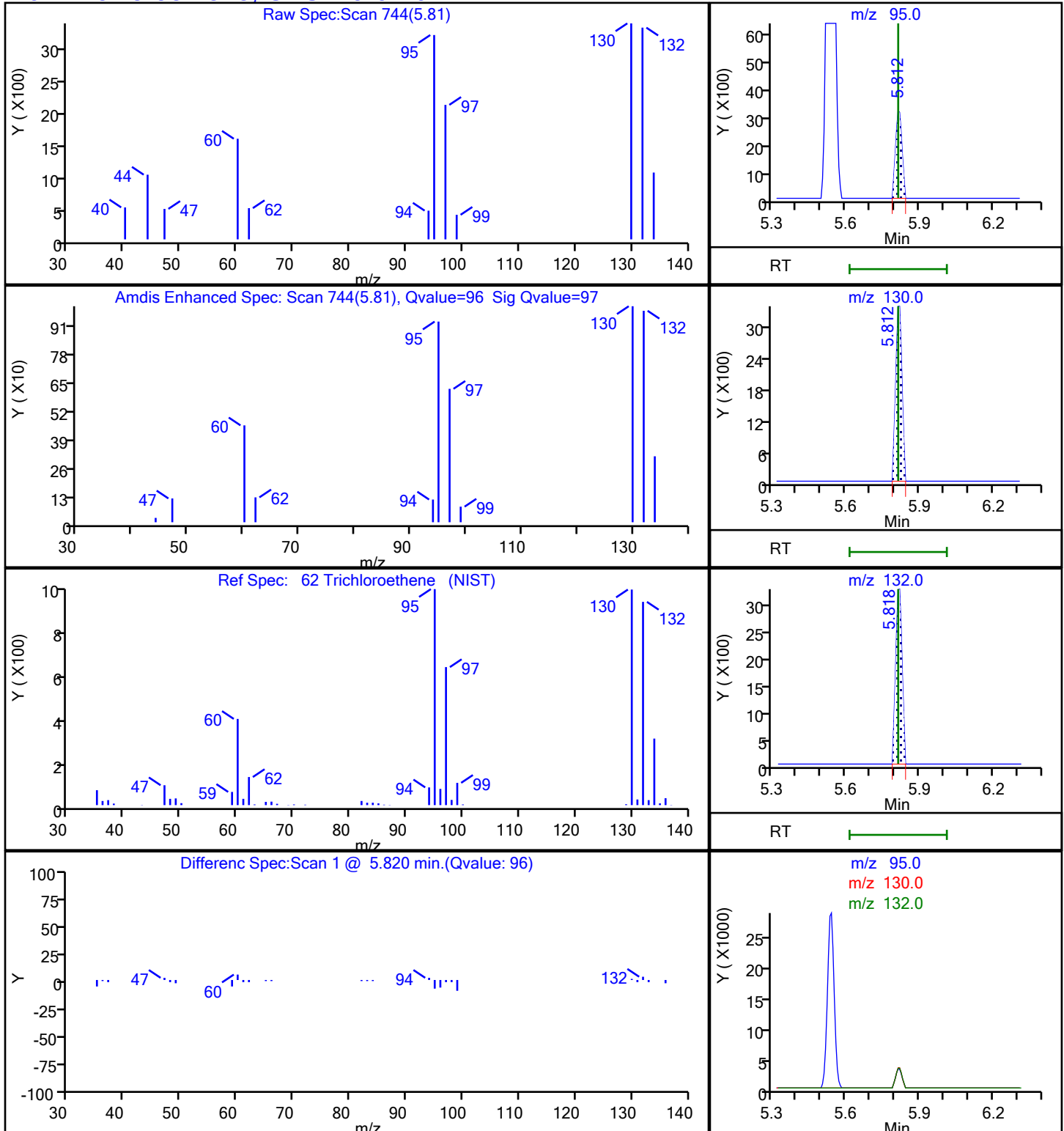
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

62 Trichloroethene, CAS: 79-01-6

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D

Injection Date: 30-Jun-2021 14:07:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-7

Lab Sample ID: 480-186567-7

Client ID: MW-4-62521

Operator ID: OI

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

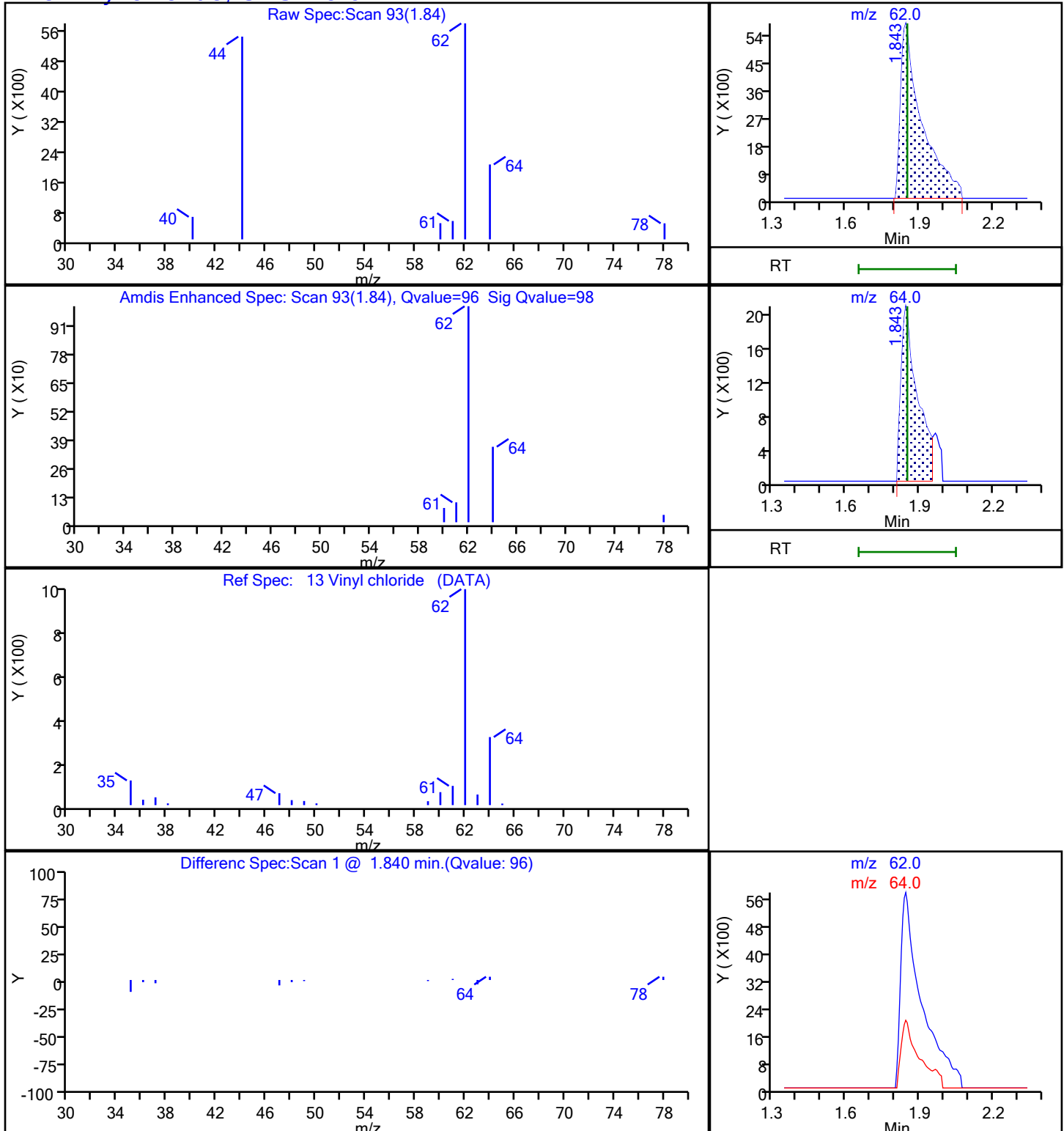
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

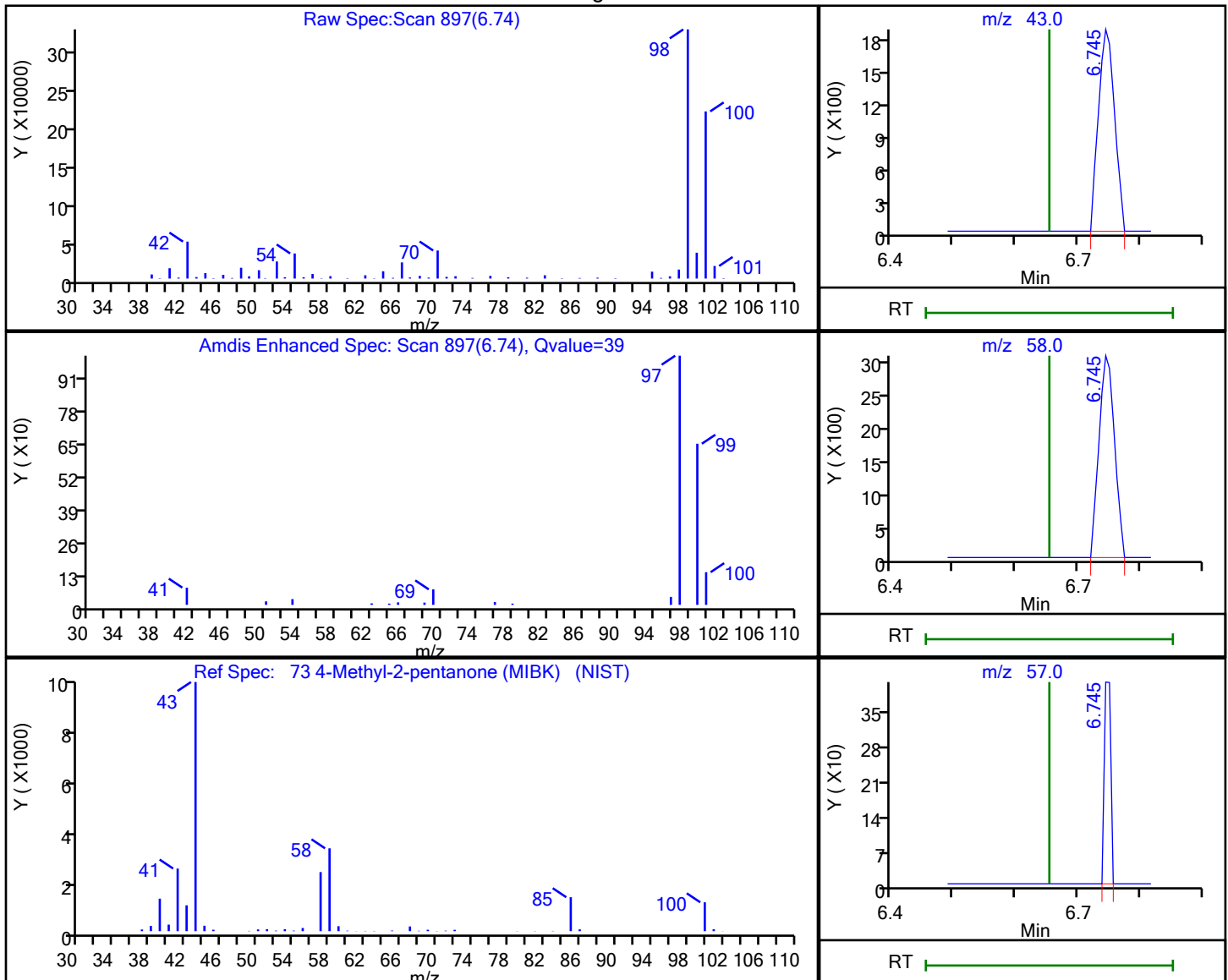
13 Vinyl chloride, CAS: 75-01-4

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D
Injection Date: 30-Jun-2021 14:07:30 Instrument ID: HP5975D
Lims ID: 480-186567-B-7 Lab Sample ID: 480-186567-7
Client ID: MW-4-62521
Operator ID: OI ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3394	0.322495
6.74	58.00	5323	
6.74	57.00	293	

Reviewer: lapointec, 01-Jul-2021 12:14:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1919.D

Injection Date: 30-Jun-2021 14:07:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-7

Lab Sample ID: 480-186567-7

Client ID: MW-4-62521

Operator ID: OI

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

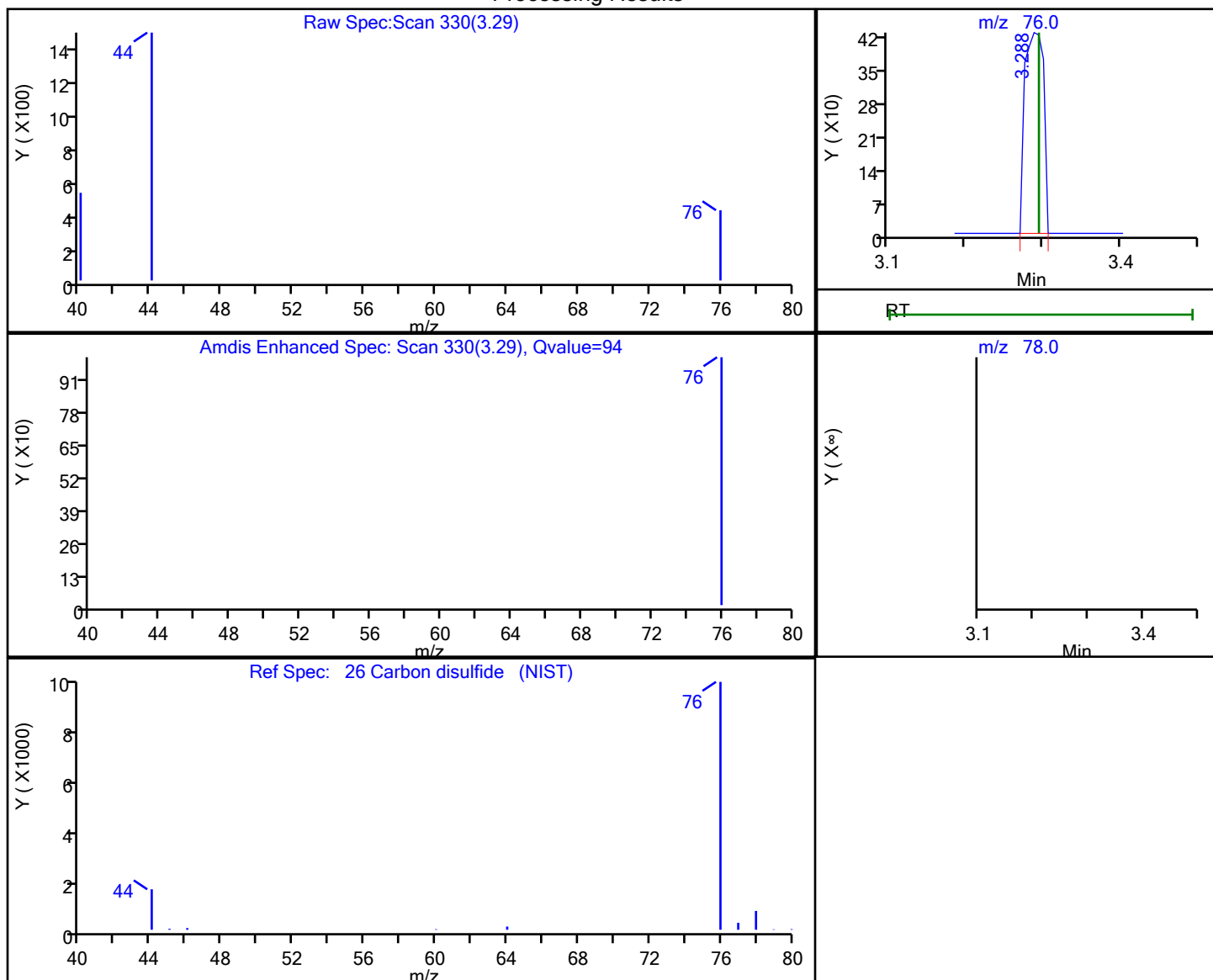
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.29	76.00	718	0.045968
3.29	78.00	0	

Reviewer: lapointec, 01-Jul-2021 12:13:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-7-62521 Lab Sample ID: 480-186567-8
 Matrix: Water Lab File ID: D1920.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 14:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	1.3		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: MW-7-62521 Lab Sample ID: 480-186567-8
 Matrix: Water Lab File ID: D1920.D
 Analysis Method: 8260C Date Collected: 06/25/2021 13:25
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 14:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1920.D
 Lims ID: 480-186567-B-8
 Client ID: MW-7-62521
 Sample Type: Client
 Inject. Date: 30-Jun-2021 14:30:30 ALS Bottle#: 15 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 480-186567-B-8
 Misc. Info.: 480-0099624-015
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 01-Jul-2021 12:14:45 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1679

First Level Reviewer: lapointec

Date: 01-Jul-2021 12:14:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.538	5.532	0.006	98	130556	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	275756	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	283047	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.050	0.000	93	191169	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	112580	23.9	
\$ 5 Toluene-d8 (Surr)	98	6.751	6.745	0.006	94	634830	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.873	0.000	93	212214	23.6	
10 Dichlorodifluoromethane	85		1.526				ND	
12 Chloromethane	50		1.740				ND	
13 Vinyl chloride	62		1.849				ND	
14 Bromomethane	94		2.221				ND	
15 Chloroethane	64		2.343				ND	
17 Trichlorofluoromethane	101		2.557				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101		3.087				ND	
22 1,1-Dichloroethene	96		3.087				ND	
23 Acetone	43		3.191				ND	
26 Carbon disulfide	76		3.294				ND	
27 Methyl acetate	43		3.471				ND	
30 Methylene Chloride	84		3.575				ND	U
32 Methyl tert-butyl ether	73		3.776				ND	
34 trans-1,2-Dichloroethene	96		3.788				ND	
39 1,1-Dichloroethane	63		4.166				ND	
45 cis-1,2-Dichloroethene	96		4.654				ND	
43 2-Butanone (MEK)	43		4.666				ND	
50 Chloroform	83	4.910	4.910	0.000	96	17639	1.32	
51 1,1,1-Trichloroethane	97		5.020				ND	
52 Cyclohexane	56		5.038				ND	
55 Carbon tetrachloride	117		5.141				ND	
57 Benzene	78		5.318				ND	
58 1,2-Dichloroethane	62		5.367				ND	
62 Trichloroethene	95		5.812				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
64 Methylcyclohexane	83		5.922				ND	
65 1,2-Dichloropropane	63		6.007				ND	
68 Dichlorobromomethane	83		6.233				ND	
72 cis-1,3-Dichloropropene	75		6.562				ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653				ND	
74 Toluene	92		6.800				ND	
77 trans-1,3-Dichloropropene	75		7.001				ND	
79 1,1,2-Trichloroethane	83		7.153				ND	
81 Tetrachloroethene	166		7.226				ND	
80 2-Hexanone	43		7.306				ND	
83 Chlorodibromomethane	129		7.476				ND	
84 Ethylene Dibromide	107		7.574				ND	
87 Chlorobenzene	112		7.940				ND	
88 Ethylbenzene	91		7.988				ND	
90 m-Xylene & p-Xylene	106		8.080				ND	
91 o-Xylene	106		8.415				ND	
92 Styrene	104		8.433				ND	
95 Bromoform	173		8.647				ND	
94 Isopropylbenzene	105		8.702				ND	
97 1,1,2,2-Tetrachloroethane	83		9.013				ND	
111 1,3-Dichlorobenzene	146		9.787				ND	
113 1,4-Dichlorobenzene	146		9.860				ND	
116 1,2-Dichlorobenzene	146		10.189				ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872				ND	
119 1,2,4-Trichlorobenzene	180		11.518				ND	
S 124 Xylenes, Total	1		30.000				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1920.D

Injection Date: 30-Jun-2021 14:30:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: 480-186567-B-8

Lab Sample ID: 480-186567-8

Worklist Smp#: 15

Client ID: MW-7-62521

Purge Vol: 5.000 mL

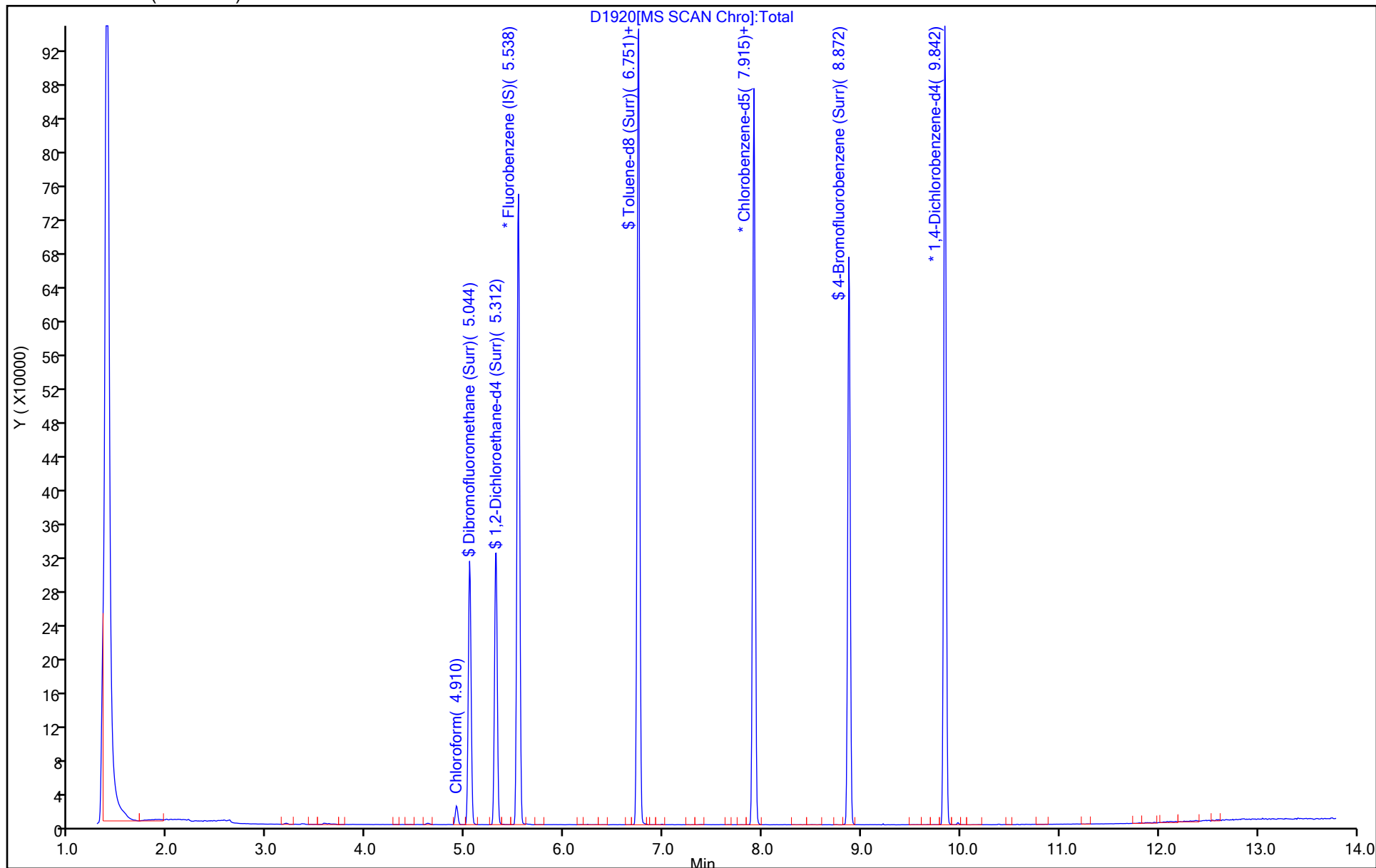
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1920.D

Injection Date: 30-Jun-2021 14:30:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-8

Lab Sample ID: 480-186567-8

Client ID: MW-7-62521

Operator ID: OI

ALS Bottle#: 15

Worklist Smp#: 15

Purge Vol: 5.000 mL

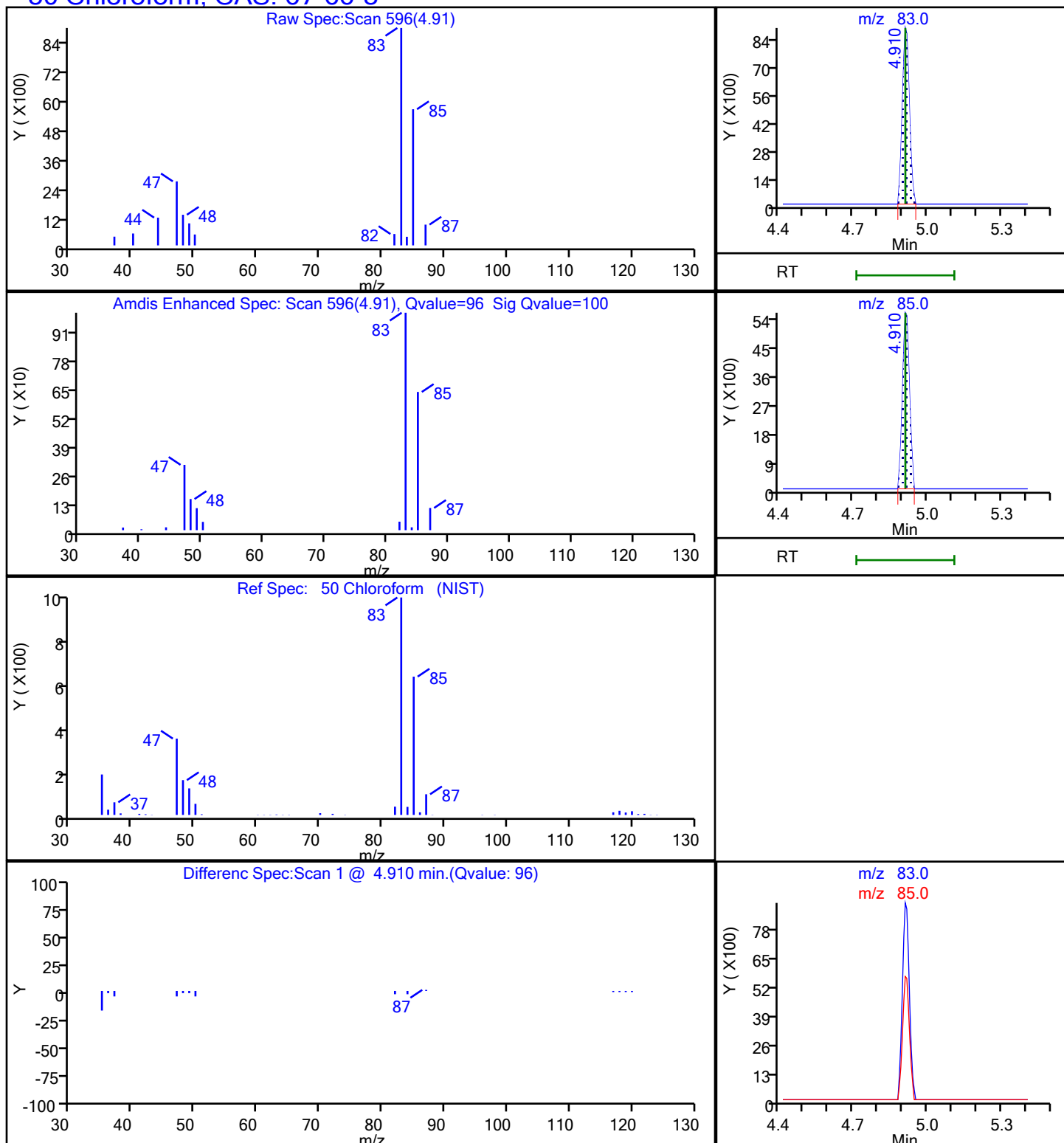
Dil. Factor: 1.0000

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

50 Chloroform, CAS: 67-66-3

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1920.D

Injection Date: 30-Jun-2021 14:30:30

Instrument ID: HP5975D

Lims ID: 480-186567-B-8

Lab Sample ID: 480-186567-8

Client ID: MW-7-62521

Operator ID: OI

ALS Bottle#: 15 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

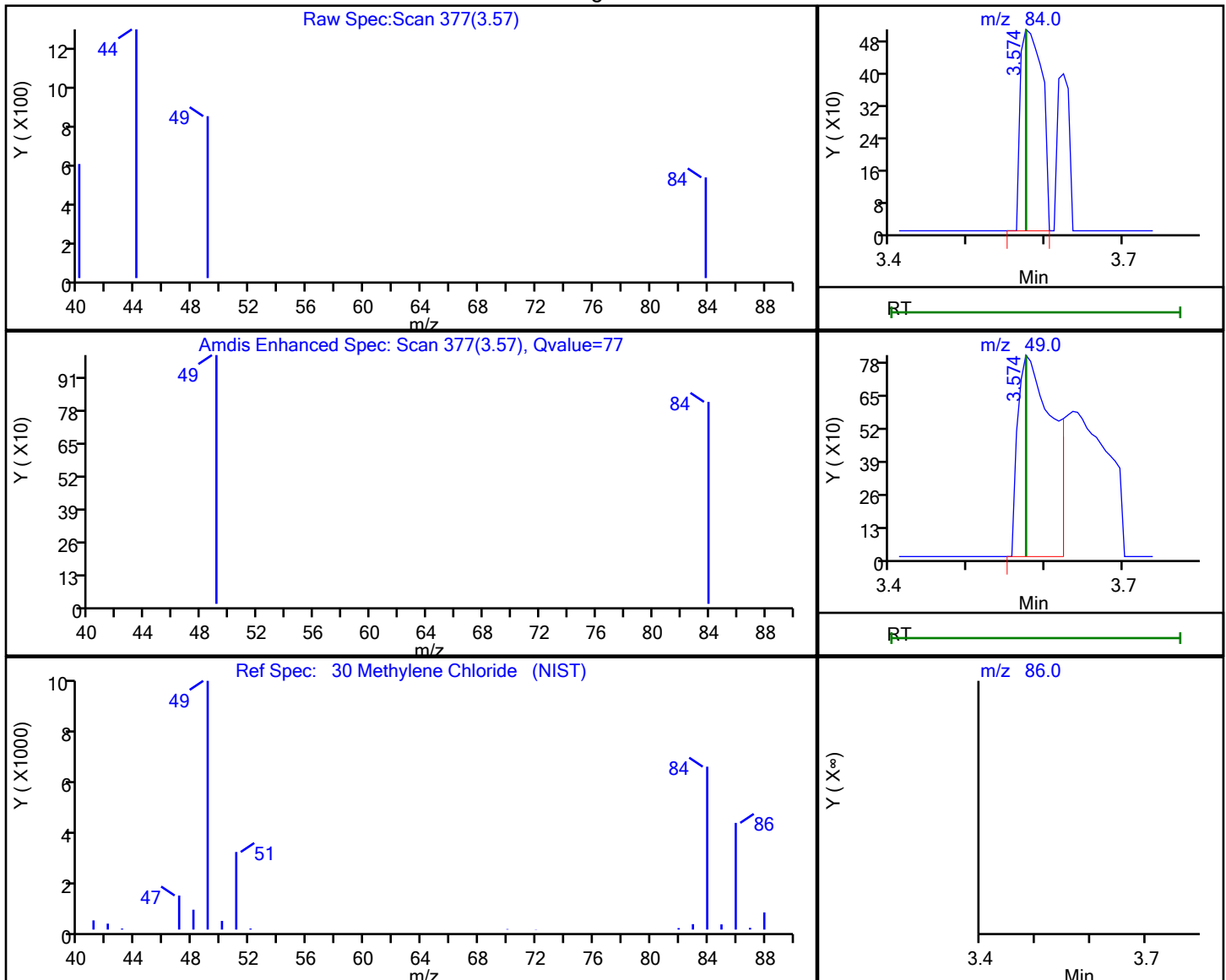
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.57	84.00	982	-0.116099
3.57	49.00	2553	
3.57	86.00	0	

Reviewer: lapointec, 01-Jul-2021 12:14:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-582488/6	D0622.D
Level 2	IC 480-582488/7	D0623.D
Level 3	IC 480-582488/8	D0624.D
Level 4	IC 480-582488/9	D0625.D
Level 5	IC 480-582488/10	D0626.D
Level 6	ICIS 480-582488/11	D0627.D
Level 7	IC 480-582488/12	D0628.D
Level 8	IC 480-582488/13	D0629.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	++++ 1.7261	1.2463 1.6937	1.1515 1.5484	1.4579	1.6379	Lin1	-0.48 1	1.623 1			0.1000				0.9970		0.9900
Chloromethane	++++ 2.0453	2.6614 2.0904	2.0454 1.9190	2.0566	2.1639	Ave		2.140 3			0.1000	11.3		20.0			
Vinyl chloride	1.2728 1.8735	1.7870 1.8699	1.5194 1.7285	1.7567	1.8473	Ave		1.706 9			0.1000	12.3		20.0			
Butadiene	++++ 1.2726	1.1144 1.3354	0.8510 1.1929	1.1445	1.2632	Ave		1.167 7				13.7		20.0			
Bromomethane	++++ 0.9529	1.0711 0.9602	1.0099 0.9218	1.0760	1.0737	Ave		1.009 4			0.1000	6.5		20.0			
Chloroethane	++++ 0.8673	0.6173 0.8644	0.6939 0.8001	0.7377	0.8979	Ave		0.782 7			0.1000	13.3		20.0			
Trichlorofluoromethane	++++ 1.8974	1.7618 1.9436	1.3794 1.6981	1.7612	1.9280	Ave		1.767 1			0.1000	11.1		20.0			
Dichlorofluoromethane	++++ 2.3089	2.7990 2.3283	2.3291 2.1626	2.2197	2.3802	Ave		2.361 1				8.8		20.0			
Ethyl ether	1.0580 1.1528	1.0812 1.2065	1.1168 1.0712	1.1961	1.1724	Ave		1.131 9				5.1		20.0			
Acrolein	++++ 0.1051	0.0744 0.1109	0.0956 0.1087	0.1033	0.0991	Ave		0.099 6				12.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 1.3603	0.3339 1.3423	0.6696 ++++	1.0081	1.2136	Lin2	-1.05 4	1.314 8			0.1000				0.9930		0.9900
1,1-Dichloroethene	++++ 1.1573	0.7550 1.2610	0.8552 1.1154	1.0810	1.1741	Lin1	-0.42 9	1.171 7			0.1000				0.9970		0.9900
Acetone	++++ 0.5897	0.7272 0.5909	0.6053 0.5432	0.6379	0.5821	Ave		0.610 9			0.1000	9.6		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Iodomethane	++++ 2.2440	1.7334 2.2658	1.5397 2.0341	1.9955	2.1154	Ave		1.989 7				13.4		20.0			
Carbon disulfide	3.1675 3.2978	3.0957 3.4368	2.4808 2.8997	3.0044	3.2567	Ave		3.079 9			0.1000	9.6		20.0			
Allyl chloride	2.1937 2.2616	2.8353 2.0913	1.6784 2.0936	1.9897	1.9403	Ave		2.135 5				15.6		20.0			
Methyl acetate	++++ 1.6122	1.6940 1.5330	1.4686 1.5933	1.5470	1.4691	Ave		1.559 6			0.1000	5.2		20.0			
Methylene Chloride	2.3528 1.4638	1.6621 1.4372	1.4264 1.3480	1.4796	1.4192	Lin1	0.348 6	1.383 2			0.1000				0.9990		0.9900
2-Methyl-2-propanol	0.1727 0.1983	0.1780 0.1897	0.1735 0.1750	0.1960	0.1853	Ave		0.183 5				5.6		20.0			
Methyl tert-butyl ether	2.0878 2.0766	2.1042 2.2108	1.8650 1.9035	2.1802	2.2310	Ave		2.082 4			0.1000	6.5		20.0			
trans-1,2-Dichloroethene	1.0435 1.3864	1.0348 1.3831	0.9679 1.2381	1.1845	1.1252	Ave		1.170 4			0.1000	13.5		20.0			
Acrylonitrile	0.7948 0.7874	0.7211 0.7466	0.7123 0.7411	0.7486	0.7253	Ave		0.747 2				4.0		20.0			
Hexane	2.2361 2.3131	2.1216 2.3706	1.7185 1.8660	2.0783	2.1204	Ave		2.103 1				10.5		20.0			
1,1-Dichloroethane	2.7317 2.6777	2.6415 2.7031	2.3624 2.4010	2.6587	2.5806	Ave		2.594 6			0.2000	5.4		20.0			
Vinyl acetate	4.7981 4.3637	4.2118 4.3039	3.7686 4.1165	4.0641	4.1066	Ave		4.216 7				7.0		20.0			
2,2-Dichloropropane	++++ 0.7673	0.8355 0.8099	0.7247 0.6144	0.8463	0.8069	Ave		0.772 1				10.5		20.0			
cis-1,2-Dichloroethene	1.6774 1.5318	1.5008 1.5207	1.3744 1.4076	1.4648	1.4529	Ave		1.491 3			0.1000	6.2		20.0			
2-Butanone (MEK)	1.2046 1.0776	1.0471 1.0474	1.0268 1.0059	1.0644	1.0280	Ave		1.062 7			0.1000	5.8		20.0			
Chlorobromomethane	0.8528 0.8676	0.8123 0.8646	0.8121 0.8204	0.8485	0.8369	Ave		0.839 4				2.7		20.0			
Tetrahydrofuran	++++ 0.6749	0.7969 0.6673	0.7025 0.6436	0.6938	0.6569	Ave		0.690 8				7.4		20.0			
Chloroform	++++ 2.6143	2.7932 2.5663	2.4498 2.3895	2.5936	2.4986	Ave		2.557 9			0.2000	5.1		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	1.5453 1.6565	1.5554 1.6883	1.4860 1.4104	1.7458	1.7483	Ave		1.604 5			0.1000	7.7		20.0			
Cyclohexane	1.4963 1.7254	1.7484 1.7855	1.2869 1.4237	1.6218	1.6763	Ave		1.595 5			0.1000	11.1		20.0			
Carbon tetrachloride	1.5877 1.6821	1.5608 1.9899	1.3437 1.4528	1.6626	1.8033	Ave		1.635 4			0.1000	12.3		20.0			
1,1-Dichloropropene	1.8664 1.9528	1.8198 1.9428	1.5350 1.7182	1.8511	1.7869	Ave		1.809 1				7.5		20.0			
Isobutyl alcohol	0.1331 0.1186	0.1142 0.1164	0.1122 0.1139	0.1150	0.1120	Ave		0.116 9				5.9		20.0			
Benzene	5.7550 5.3516	5.1453 5.2850	4.7454 4.8723	5.1847	5.1072	Ave		5.180 8			0.5000	5.9		20.0			
1,2-Dichloroethane	2.7728 2.3218	2.4602 2.2699	2.3261 2.1400	2.3775	2.2549	Ave		2.365 4			0.1000	8.0		20.0			
n-Heptane	3.0532 2.8686	2.7909 2.8705	2.1796 2.3677	2.5660	2.6136	Ave		2.663 8				10.9		20.0			
Trichloroethene	1.5490 1.5234	1.4534 1.5241	1.2882 1.3911	1.4932	1.4225	Ave		1.455 6			0.2000	6.0		20.0			
Methylcyclohexane	1.6691 1.9885	1.7446 2.0083	1.4646 1.5509	1.8575	1.8482	Ave		1.766 5			0.1000	11.1		20.0			
1,2-Dichloropropane	1.6396 1.6201	1.5941 1.6054	1.4991 1.5210	1.5738	1.5398	Ave		1.574 1			0.1000	3.2		20.0			
1,4-Dioxane	++++ 0.0102	0.0076 0.0100	0.0092 0.0103	0.0102	0.0094	Ave		0.009 5				9.8		20.0			
Dibromomethane	1.1797 1.0713	1.0340 1.0659	1.0083 1.0246	1.0771	1.0286	Ave		1.061 2			0.1000	5.1		20.0			
Bromodichloromethane	2.2648 2.0696	1.9709 2.0641	1.8059 1.9574	1.9899	1.9563	Ave		2.009 9			0.2000	6.5		20.0			
2-Chloroethyl vinyl ether	1.2454 1.1995	1.0689 1.1886	1.0160 1.1602	1.0955	1.1043	Ave		1.134 8				6.7		20.0			
cis-1,3-Dichloropropene	2.5261 2.4665	2.3384 2.4594	2.1347 2.3394	2.3384	2.3010	Ave		2.363 0			0.2000	5.2		20.0			
4-Methyl-2-pentanone (MIBK)	1.1048 1.0047	0.9878 1.0069	0.9493 0.9633	0.9930	0.9851	Ave		0.999 4			0.1000	4.7		20.0			
Toluene	1.7493 1.5965	1.5727 1.6347	1.4214 1.4978	1.5861	1.5407	Ave		1.574 9			0.4000	6.1		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	1.0886 1.0972	1.0154 1.1106	0.9508 1.0749	1.0330	1.0520	Ave		1.052 8			0.1000	5.0		20.0			
Ethyl methacrylate	0.9369 0.9537	0.8939 0.9855	0.8614 0.9644	0.9229	0.9125	Ave		0.928 9				4.3		20.0			
1,1,2-Trichloroethane	0.6328 0.5644	0.5725 0.5644	0.5082 0.5448	0.5544	0.5417	Ave		0.560 4			0.1000	6.3		20.0			
Tetrachloroethene	0.7367 0.7842	0.7167 0.7937	0.6380 0.7076	0.7562	0.7322	Ave		0.733 2			0.2000	6.7		20.0			
1,3-Dichloropropane	1.2311 1.0921	1.0839 1.0954	1.0126 1.0553	1.0621	1.0570	Ave		1.086 2				5.9		20.0			
2-Hexanone	0.8387 0.7391	0.7325 0.7436	0.6891 0.7068	0.7325	0.7185	Ave		0.737 6			0.1000	6.1		20.0			
Dibromochloromethane	0.8330 0.8277	0.8004 0.8461	0.7306 0.8179	0.7909	0.7925	Ave		0.804 9			0.1000	4.5		20.0			
1,2-Dibromoethane	0.8180 0.7587	0.7439 0.7668	0.7058 0.7398	0.7390	0.7352	Ave		0.750 9				4.3		20.0			
Chlorobenzene	2.0935 1.8712	1.8849 1.8904	1.6828 1.7754	1.8569	1.7906	Ave		1.855 7			0.5000	6.4		20.0			
Ethylbenzene	3.1041 3.1005	2.9565 3.1338	2.6493 2.8684	2.9883	2.9099	Ave		2.963 9			0.1000	5.4		20.0			
1,1,1,2-Tetrachloroethane	0.7188 0.7302	0.7032 0.7416	0.6463 0.6957	0.7088	0.6968	Ave		0.705 2				4.1		20.0			
m,p-Xylene	1.2057 1.2001	1.1473 1.2180	1.0214 1.1235	1.1530	1.1369	Ave		1.150 8			0.1000	5.5		20.0			
o-Xylene	1.1880 1.1696	1.1074 1.1873	0.9917 1.1120	1.1129	1.1173	Ave		1.123 3			0.3000	5.7		20.0			
Styrene	2.1138 2.0501	1.8774 2.0685	1.7583 1.9484	1.9651	1.9415	Ave		1.965 4			0.3000	5.8		20.0			
Bromoform	0.5868 0.6326	0.5762 0.6580	0.5561 0.6490	0.5830	0.5988	Ave		0.605 1			0.1000	6.1		20.0			
Isopropylbenzene	2.8393 2.8738	2.6477 2.8845	2.4050 2.6226	2.7276	2.6499	Ave		2.706 3			0.1000	6.0		20.0			
1,1,2,2-Tetrachloroethane	0.9619 0.9216	0.8971 0.9190	0.8723 0.8976	0.8963	0.8786	Ave		0.905 6			0.3000	3.1		20.0			
Bromobenzene	0.8800 0.8381	0.8018 0.8373	0.7701 0.7934	0.8087	0.8042	Ave		0.816 7				4.2		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	3.3241 3.5087	3.1769 3.5198	2.9373 3.2010	3.3524	3.2896	Ave		3.288 7				5.8		20.0			
trans-1,4-Dichloro-2-butene	0.3382 0.3454	0.3087 0.3469	0.3045 0.3382	0.3274	0.3246	Ave		0.329 2				4.9		20.0			
1,2,3-Trichloropropane	0.2684 0.2588	0.2556 0.2578	0.2446 0.2458	0.2570	0.2494	Ave		0.254 7				3.1		20.0			
2-Chlorotoluene	0.7046 0.7271	0.6823 0.7349	0.6390 0.6753	0.7186	0.7004	Ave		0.697 8				4.5		20.0			
1,3,5-Trimethylbenzene	2.2584 2.4264	2.1667 2.4352	2.0433 2.2450	2.2887	2.2651	Ave		2.266 1				5.7		20.0			
4-Chlorotoluene	0.7211 0.7618	0.7107 0.7672	0.6878 0.7126	0.7358	0.7189	Ave		0.727 0				3.7		20.0			
tert-Butylbenzene	0.4178 0.5026	0.4469 0.5027	0.4002 0.4612	0.4675	0.4623	Ave		0.457 6				7.9		20.0			
1,2,4-Trimethylbenzene	2.3648 2.5063	2.2907 2.5048	2.1362 2.3491	2.3789	2.3351	Ave		2.358 2				5.0		20.0			
sec-Butylbenzene	2.9240 3.1900	2.7968 3.1963	2.5416 2.8981	2.9284	2.9200	Ave		2.924 4				7.2		20.0			
4-Isopropyltoluene	2.4563 2.8187	2.4751 2.8465	2.2474 2.5910	2.6173	2.6196	Ave		2.584 0				7.6		20.0			
1,3-Dichlorobenzene	1.5426 1.5467	1.4770 1.5439	1.3826 1.4537	1.4786	1.4683	Ave		1.486 7			0.6000	3.8		20.0			
1,4-Dichlorobenzene	1.5829 1.5800	1.5405 1.5772	1.4235 1.4886	1.5333	1.5119	Ave		1.529 7			0.5000	3.6		20.0			
n-Butylbenzene	2.4513 2.6206	2.3325 2.6583	2.0619 2.4215	2.4012	2.4120	Ave		2.419 9				7.6		20.0			
1,2-Dichlorobenzene	1.5411 1.5127	1.4330 1.5124	1.3541 1.4386	1.4448	1.4460	Ave		1.460 3			0.4000	4.1		20.0			
1,2-Dibromo-3-Chloropropane	0.1796 0.2026	0.1854 0.2035	0.1836 0.2040	0.1875	0.1889	Ave		0.191 9			0.0500	5.2		20.0			
1,2,4-Trichlorobenzene	1.1389 1.2459	1.1151 1.2643	1.0836 1.2019	1.1780	1.1745	Ave		1.175 3			0.2000	5.3		20.0			
Hexachlorobutadiene	0.5801 0.6309	0.5329 0.6484	0.5017 0.5862	0.5609	0.5704	Ave		0.576 4				8.3		20.0			
Naphthalene	3.0862 3.1327	2.8508 3.1505	2.7261 3.0414	2.9423	2.9163	Ave		2.980 8				5.0		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

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	LVL 8														
1,2,3-Trichlorobenzene	1.2233 1.2057	1.0990 1.2175	1.0592 1.1565	1.1405	1.1257	Ave		1.153 4				5.1		20.0			
Dibromofluoromethane (Surr)	1.4817 1.4792	1.4665 1.4599	1.4759 1.4335	1.4895	1.4804	Ave		1.470 8				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.8991 0.9121	0.8939 0.8985	0.9012 0.8857	0.9052	0.9095	Ave		0.900 6				0.9		20.0			
Toluene-d8 (Surr)	2.3204 2.2907	2.3128 2.3141	2.2985 2.2942	2.3089	2.3225	Ave		2.307 8				0.5		20.0			
4-Bromofluorobenzene (Surr)	0.8176 0.8134	0.8064 0.8231	0.8110 0.8171	0.8123	0.8164	Ave		0.814 6				0.6		20.0			

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

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-582488/6	D0622.D
Level 2	IC 480-582488/7	D0623.D
Level 3	IC 480-582488/8	D0624.D
Level 4	IC 480-582488/9	D0625.D
Level 5	IC 480-582488/10	D0626.D
Level 6	ICIS 480-582488/11	D0627.D
Level 7	IC 480-582488/12	D0628.D
Level 8	IC 480-582488/13	D0629.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Lin1	+++++ 257111	7625 517412	14559 960102	44702	98424	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloromethane	FB	Ave	+++++ 304660	16283 638599	25860 1189904	63059	130031	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl chloride	FB	Ave	3064 279079	10933 571241	19210 1071769	53864	111002	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Butadiene	FB	Ave	+++++ 189557	6818 407944	10759 739689	35092	75907	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromomethane	FB	Ave	+++++ 141943	6553 293331	12768 571590	32991	64522	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Chloroethane	FB	Ave	+++++ 129197	3777 264076	8773 496106	22618	53956	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichlorofluoromethane	FB	Ave	+++++ 282631	10779 593759	17440 1052944	54001	115852	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Dichlorofluoromethane	FB	Ave	+++++ 343931	17125 711272	29448 1340966	68060	143029	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Ethyl ether	FB	Ave	2547 171715	6615 368589	14120 664212	36676	70451	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrolein	FB	Ave	+++++ 78253	2277 169416	6042 336884	15839	29761	+++++ 125	5.00 250	10.0 500	25.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Lin2	+++++ 202630	2043 410057	8466 +++++	30909	72928	+++++ 25.0	1.00 50.0	2.00 +++++	5.00	10.0
1,1-Dichloroethene	FB	Lin1	+++++ 172391	4619 385211	10812 691629	33145	70552	+++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Acetone	FB	Ave	+++++ 	22245 	38266 	97791	174896	+++++ 	5.00 	10.0 	25.0	50.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			439231	902617	1684138			125	250	500		
Iodomethane	FB	Ave	++++ 334255	10605 692182	19467 1261274	61186	127113	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon disulfide	FB	Ave	7625 491228	18940 1049906	31366 1798038	92121	195696	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Allyl chloride	FB	Ave	5281 336883	17347 638869	21220 1298188	61008	116596	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methyl acetate	FB	Ave	++++ 480308	20728 936653	37135 1975908	94867	176560	++++ 50.0	2.00 100	4.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	5664 218049	10169 439065	18035 835844	45366	85282	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Methyl-2-propanol	FB	Ave	4158 295359	10888 579503	21932 1085076	60095	111322	4.00 250	10.0 500	20.0 1000	50.0	100
Methyl tert-butyl ether	FB	Ave	5026 309328	12874 675394	23580 1180274	66850	134064	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
trans-1,2-Dichloroethene	FB	Ave	2512 206508	6331 422539	12238 767737	36319	67614	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Acrylonitrile	FB	Ave	19133 1172964	44119 2280892	90062 4595151	229538	435820	4.00 250	10.0 500	20.0 1000	50.0	100
Hexane	FB	Ave	5383 344552	12980 724209	21727 1157066	63724	127414	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloroethane	FB	Ave	6576 398870	16161 825777	29869 1488762	81521	155069	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Vinyl acetate	FB	Ave	23101 1300009	51537 2629633	95295 5104977	249229	493532	0.800 50.0	2.00 100	4.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	++++ 114293	5112 247415	9163 380940	25948	48487	++++ 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	4038 228169	9182 464570	17377 872838	44915	87303	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Butanone (MEK)	FB	Ave	14499 802585	32032 1599836	64910 3118578	163176	308878	2.00 125	5.00 250	10.0 500	25.0	50.0
Chlorobromomethane	FB	Ave	2053 129236	4970 264135	10268 508726	26017	50289	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Tetrahydrofuran	FB	Ave	++++ 201064	9751 407715	17764 798186	42544	78942	++++ 50.0	2.00 100	4.00 200	10.0	20.0
Chloroform	FB	Ave	++++	17089	30974	79525	150141	++++	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			389425	783972	1481679			25.0	50.0	100		
1,1,1-Trichloroethane	FB	Ave	3720 246750	9516 515759	18788 874546	53531	105056	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Cyclohexane	FB	Ave	3602 257019	10697 545451	16271 882764	49727	100730	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Carbon tetrachloride	FB	Ave	3822 250559	9549 607911	16989 900822	50980	108359	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,1-Dichloropropene	FB	Ave	4493 290891	11134 593521	19407 1065416	56758	107377	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Isobutyl alcohol	FB	Ave	8010 441750	17467 889239	35457 1766238	88186	168207	10.0 625	25.0 1250	50.0 2500	125	250
Benzene	FB	Ave	13854 797170	31480 1614538	59998 3021156	158973	306894	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloroethane	FB	Ave	6675 345852	15052 693439	29409 1326970	72899	135495	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
n-Heptane	FB	Ave	7350 427296	17075 876902	27557 1468160	78678	157053	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Trichloroethene	FB	Ave	3729 226921	8892 465590	16287 862579	45784	85481	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Methylcyclohexane	FB	Ave	4018 296196	10674 613525	18517 961653	56956	111059	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,2-Dichloropropane	FB	Ave	3947 241323	9753 490443	18954 943148	48257	92526	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
1,4-Dioxane	CBNZ d5	Ave	+++++ 65644	1982 129434	4961 268326	13340	23978	+++++ 500	20.0 1000	40.0 2000	100	200
Dibromomethane	FB	Ave	2840 159583	6326 325634	12748 635297	33027	61808	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
Bromodichloromethane	FB	Ave	5452 308290	12058 630563	22833 1213693	61015	117552	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	2998 178672	6540 363120	12846 719377	33590	66358	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
cis-1,3-Dichloropropene	FB	Ave	6081 367410	14307 751324	26990 1450574	71699	138268	0.400 25.0	1.00 50.0	2.00 100	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBNZ d5	Ave	28335	64026	127785	325965	629867	2.00	5.00	10.0	25.0	50.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1622702	3250164	6298298			125	250	500		
Toluene	CBNZ d5	Ave	8973	20386	38268	104132	197028	0.400	1.00	2.00	5.00	10.0
			515667	1055379	1958605			25.0	50.0	100		
trans-1,3-Dichloropropene	CBNZ d5	Ave	5584	13163	25599	67816	134534	0.400	1.00	2.00	5.00	10.0
			354391	716965	1405643			25.0	50.0	100		
Ethyl methacrylate	CBNZ d5	Ave	4806	11587	23192	60589	116688	0.400	1.00	2.00	5.00	10.0
			308044	636260	1261112			25.0	50.0	100		
1,1,2-Trichloroethane	CBNZ d5	Ave	3246	7421	13683	36394	69269	0.400	1.00	2.00	5.00	10.0
			182296	364390	712354			25.0	50.0	100		
Tetrachloroethene	CBNZ d5	Ave	3779	9290	17178	49645	93642	0.400	1.00	2.00	5.00	10.0
			253292	512426	925338			25.0	50.0	100		
1,3-Dichloropropane	CBNZ d5	Ave	6315	14051	27262	69731	135178	0.400	1.00	2.00	5.00	10.0
			352759	707215	1379921			25.0	50.0	100		
2-Hexanone	CBNZ d5	Ave	21512	47474	92763	240450	459438	2.00	5.00	10.0	25.0	50.0
			1193632	2400452	4621102			125	250	500		
Dibromochloromethane	CBNZ d5	Ave	4273	10375	19670	51921	101349	0.400	1.00	2.00	5.00	10.0
			267349	546267	1069459			25.0	50.0	100		
1,2-Dibromoethane	CBNZ d5	Ave	4196	9643	19003	48515	94022	0.400	1.00	2.00	5.00	10.0
			245077	495015	967432			25.0	50.0	100		
Chlorobenzene	CBNZ d5	Ave	10739	24433	45307	121905	228994	0.400	1.00	2.00	5.00	10.0
			604421	1220459	2321588			25.0	50.0	100		
Ethylbenzene	CBNZ d5	Ave	15923	38325	71327	196184	372132	0.400	1.00	2.00	5.00	10.0
			1001478	2023149	3750808			25.0	50.0	100		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	3687	9115	17399	46531	89110	0.400	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			235849	478789	909774			25.0	50.0	100		
m,p-Xylene	CBNZ d5	Ave	6185	14872	27500	75698	145396	0.400	1.00	2.00	5.00	10.0
			387641	786342	1469119			25.0	50.0	100		
o-Xylene	CBNZ d5	Ave	6094	14355	26700	73064	142884	0.400	1.00	2.00	5.00	10.0
			377799	766503	1454028			25.0	50.0	100		
Styrene	CBNZ d5	Ave	10843	24337	47339	129014	248291	0.400	1.00	2.00	5.00	10.0
			662193	1335410	2547850			25.0	50.0	100		
Bromoform	CBNZ d5	Ave	3010	7469	14973	38276	76576	0.400	1.00	2.00	5.00	10.0
			204345	424801	848662			25.0	50.0	100		
Isopropylbenzene	DCBd 4	Ave	15623	36527	67261	189651	363831	0.400	1.00	2.00	5.00	10.0
			985575	1999209	3702420			25.0	50.0	100		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5293	12376	24395	62320	120630	0.400	1.00	2.00	5.00	10.0
			316071	636944	1267213			25.0	50.0	100		
Bromobenzene	DCBd 4	Ave	4842	11061	21538	56225	110412	0.400	1.00	2.00	5.00	10.0
			287406	580335	1120049			25.0	50.0	100		
N-Propylbenzene	DCBd 4	Ave	18291	43827	82147	233087	451663	0.400	1.00	2.00	5.00	10.0
			1203294	2439510	4519064			25.0	50.0	100		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1861	4259	8515	22761	44571	0.400	1.00	2.00	5.00	10.0
			118450	240450	477518			25.0	50.0	100		
1,2,3-Trichloropropane	DCBd 4	Ave	1477	3526	6842	17870	34246	0.400	1.00	2.00	5.00	10.0
			88747	178711	347009			25.0	50.0	100		
2-Chlorotoluene	DCBd 4	Ave	3877	9413	17872	49967	96164	0.400	1.00	2.00	5.00	10.0
			249346	509374	953368			25.0	50.0	100		
1,3,5-Trimethylbenzene	DCBd 4	Ave	12427	29891	57144	159130	310996	0.400	1.00	2.00	5.00	10.0

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

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			832135	1687820	3169342			25.0	50.0	100		
4-Chlorotoluene	DCBd 4	Ave	3968	9805	19237	51160	98712	0.400	1.00	2.00	5.00	10.0
			261249	531752	1006024			25.0	50.0	100		
tert-Butylbenzene	DCBd 4	Ave	2299	6165	11191	32507	63481	0.400	1.00	2.00	5.00	10.0
			172371	348398	651056			25.0	50.0	100		
1,2,4-Trimethylbenzene	DCBd 4	Ave	13012	31601	59742	165406	320618	0.400	1.00	2.00	5.00	10.0
			859537	1736069	3316405			25.0	50.0	100		
sec-Butylbenzene	DCBd 4	Ave	16089	38584	71080	203606	400921	0.400	1.00	2.00	5.00	10.0
			1094005	2215306	4091417			25.0	50.0	100		
4-Isopropyltoluene	DCBd 4	Ave	13516	34146	62853	181978	359672	0.400	1.00	2.00	5.00	10.0
			966667	1972905	3657897			25.0	50.0	100		
1,3-Dichlorobenzene	DCBd 4	Ave	8488	20376	38667	102807	201600	0.400	1.00	2.00	5.00	10.0
			530437	1070078	2052336			25.0	50.0	100		
1,4-Dichlorobenzene	DCBd 4	Ave	8710	21252	39811	106611	207583	0.400	1.00	2.00	5.00	10.0
			541844	1093113	2101518			25.0	50.0	100		
n-Butylbenzene	DCBd 4	Ave	13488	32178	57666	166953	331168	0.400	1.00	2.00	5.00	10.0
			898715	1842421	3418602			25.0	50.0	100		
1,2-Dichlorobenzene	DCBd 4	Ave	8480	19769	37871	100454	198540	0.400	1.00	2.00	5.00	10.0
			518782	1048217	2030958			25.0	50.0	100		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	988	2558	5134	13037	25930	0.400	1.00	2.00	5.00	10.0
			69475	141078	288046			25.0	50.0	100		
1,2,4-Trichlorobenzene	DCBd 4	Ave	6267	15383	30304	81908	161257	0.400	1.00	2.00	5.00	10.0
			427286	876266	1696776			25.0	50.0	100		
Hexachlorobutadiene	DCBd 4	Ave	3192	7352	14031	38998	78315	0.400	1.00	2.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			216358	449389	827536			25.0	50.0	100		
Naphthalene	DCBd 4	Ave	16982	39328	76241	204575	400407	0.400	1.00	2.00	5.00	10.0
			1074332	2183548	4293680			25.0	50.0	100		
1,2,3-Trichlorobenzene	DCBd 4	Ave	6731	15161	29623	79298	154561	0.400	1.00	2.00	5.00	10.0
			413492	843819	1632675			25.0	50.0	100		
Dibromofluoromethane (Surr)	FB	Ave	222929	224305	233258	228355	222397	25.0	25.0	25.0	25.0	25.0
			220333	222995	222211			25.0	25.0	25.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	135270	136724	142422	138774	136628	25.0	25.0	25.0	25.0	25.0
			135860	137239	137303			25.0	25.0	25.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	743914	749509	773537	757910	742513	25.0	25.0	25.0	25.0	25.0
			739909	746992	750008			25.0	25.0	25.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	262128	261314	272917	266629	260998	25.0	25.0	25.0	25.0	25.0
			262726	265695	267109			25.0	25.0	25.0		

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-582488/6	D0622.D
Level 2	IC 480-582488/7	D0623.D
Level 3	IC 480-582488/8	D0624.D
Level 4	IC 480-582488/9	D0625.D
Level 5	IC 480-582488/10	D0626.D
Level 6	ICIS 480-582488/11	D0627.D
Level 7	IC 480-582488/12	D0628.D
Level 8	IC 480-582488/13	D0629.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++	6.4						30				
Chloromethane	+++++	24.3						30				
Vinyl chloride	-25.4						30					
Butadiene	+++++	-4.6						30				
Bromomethane	+++++	6.1						30				
Chloroethane	+++++	-21.1						30				
Trichlorofluoromethane	+++++	-0.3						30				
Dichlorofluoromethane	+++++	18.5						30				
Ethyl ether	-6.5						30					
Acrolein	+++++	-25.2						30				
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++	5.6 +++++						30				
1,1-Dichloroethene	+++++	1.1						30				
Acetone	+++++	19.0						30				
Iodomethane	+++++	-12.9						30				
Carbon disulfide	2.8						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
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Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

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Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Allyl chloride	2.7						30					
Methyl acetate	++++	8.6						30				
Methylene Chloride	7.1						30					
2-Methyl-2-propanol	-5.9						30					
Methyl tert-butyl ether	0.3						30					
trans-1,2-Dichloroethene	-10.8						30					
Acrylonitrile	6.4						30					
Hexane	6.3						30					
1,1-Dichloroethane	5.3						30					
Vinyl acetate	13.8						30					
2,2-Dichloropropane	++++	8.2						30				
cis-1,2-Dichloroethene	12.5						30					
2-Butanone (MEK)	13.3						30					
Chlorobromomethane	1.6						30					
Tetrahydrofuran	++++	15.4						30				
Chloroform	++++	9.2						30				
1,1,1-Trichloroethane	-3.7						30					
Cyclohexane	-6.2						30					
Carbon tetrachloride	-2.9						30					
1,1-Dichloropropene	3.2						30					
Isobutyl alcohol	13.8						30					

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ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Benzene	11.1						30					
1,2-Dichloroethane	17.2						30					
n-Heptane	14.6						30					
Trichloroethene	6.4						30					
Methylcyclohexane	-5.5						30					
1,2-Dichloropropane	4.2						30					
1,4-Dioxane	+++++	-19.9						30				
Dibromomethane	11.2						30					
Bromodichloromethane	12.7						30					
2-Chloroethyl vinyl ether	9.7						30					
cis-1,3-Dichloropropene	6.9						30					
4-Methyl-2-pentanone (MIBK)	10.5						30					
Toluene	11.1						30					
trans-1,3-Dichloropropene	3.4						30					
Ethyl methacrylate	0.9						30					
1,1,2-Trichloroethane	12.9						30					
Tetrachloroethene	0.5						30					
1,3-Dichloropropane	13.3						30					
2-Hexanone	13.7						30					
Dibromochloromethane	3.5						30					
1,2-Dibromoethane	8.9						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

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Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

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ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Chlorobenzene	12.8						30					
Ethylbenzene	4.7						30					
1,1,1,2-Tetrachloroethane	1.9						30					
m,p-Xylene	4.8						30					
o-Xylene	5.8						30					
Styrene	7.6						30					
Bromoform	-3.0						30					
Isopropylbenzene	4.9						30					
1,1,2,2-Tetrachloroethane	6.2						30					
Bromobenzene	7.7						30					
N-Propylbenzene	1.1						30					
trans-1,4-Dichloro-2-butene	2.7						30					
1,2,3-Trichloropropane	5.4						30					
2-Chlorotoluene	1.0						30					
1,3,5-Trimethylbenzene	-0.3						30					
4-Chlorotoluene	-0.8						30					
tert-Butylbenzene	-8.7						30					
1,2,4-Trimethylbenzene	0.3						30					
sec-Butylbenzene	0.0						30					
4-Isopropyltoluene	-4.9						30					
1,3-Dichlorobenzene	3.8						30					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1 Analy Batch No.: 582488

SDG No.: _____

Instrument ID: HP5975D GC Column: ZB-624 (20) ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/25/2021 11:30 Calibration End Date: 05/25/2021 14:08 Calibration ID: 41904

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	3.5						30					
n-Butylbenzene	1.3						30					
1,2-Dichlorobenzene	5.5						30					
1,2-Dibromo-3-Chloropropane	-6.4						30					
1,2,4-Trichlorobenzene	-3.1						30					
Hexachlorobutadiene	0.6						30					
Naphthalene	3.5						30					
1,2,3-Trichlorobenzene	6.1						30					
Dibromofluoromethane (Surr)	0.7						30					
1,2-Dichloroethane-d4 (Surr)	-0.2						30					
Toluene-d8 (Surr)	0.5						30					
4-Bromofluorobenzene (Surr)	0.4						30					

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D
 Lims ID: IC 0.4
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-May-2021 11:30:30 ALS Bottle#: 7 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 0.4
 Misc. Info.: 480-0098837-006
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:15 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:04:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.531	0.001	98	150456	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	320600	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	343905	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.038	5.044	-0.006	93	222929	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	100	135270	25.0	25.0	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	95	743914	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	92	262128	25.0	25.1	
10 Dichlorodifluoromethane	85	1.508	1.514	-0.006	85	1447	0.4000	0.4447	
12 Chloromethane	50	1.721	1.727	-0.006	93	8824	0.4000	0.6851	
13 Vinyl chloride	62	1.837	1.837	0.000	86	3064	0.4000	0.2983	
144 Butadiene	54	1.874	1.874	0.000	57	1132	0.4000	0.1611	Ma
14 Bromomethane	94	2.215	2.221	-0.006	43	1670	0.4000	0.2749	M
15 Chloroethane	64	2.331	2.331	0.000	0	411	0.4000	0.0873	M
17 Trichlorofluoromethane	101	2.551	2.556	-0.005	0	1252	0.4000	0.1177	M
16 Dichlorofluoromethane	67	2.563	2.563	0.000	48	7493	0.4000	0.5273	M
18 Ethyl ether	59	2.849	2.855	-0.006	91	2547	0.4000	0.3739	
20 Acrolein	56	3.032	3.038	-0.006	0	639	2.00	1.07	M
21 1,1,2-Trichloro-1,2,2-trifluoro	101		3.081				ND	ND	
22 1,1-Dichloroethene	96		3.099				ND	ND	MU
23 Acetone	43	3.185	3.190	-0.005	100	10334	2.00	2.81	
25 Iodomethane	142	3.264	3.276	-0.012	79	2645	0.4000	0.2209	
26 Carbon disulfide	76	3.294	3.294	0.000	98	7625	0.4000	0.4114	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	85	5281	0.4000	0.4109	
27 Methyl acetate	43	3.471	3.471	0.000	99	9212	0.8000	0.9815	
30 Methylene Chloride	84	3.599	3.611	-0.012	93	5664	0.4000	0.4284	
31 2-Methyl-2-propanol	59	3.709	3.715	-0.006	96	4158	4.00	3.76	
32 Methyl tert-butyl ether	73	3.764	3.770	-0.006	94	5026	0.4000	0.4010	
34 trans-1,2-Dichloroethene	96	3.782	3.788	-0.006	91	2512	0.4000	0.3566	
33 Acrylonitrile	53	3.825	3.825	0.001	95	19133	4.00	4.26	
35 Hexane	57	3.959	3.959	0.000	94	5383	0.4000	0.4253	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.160	4.166	-0.006	91	6576	0.4000	0.4211	
37 Vinyl acetate	43	4.190	4.196	-0.006	97	23101	0.8000	0.9103	
44 2,2-Dichloropropane	77	4.617	4.623	-0.006	0	2427	0.4000	0.5223	M
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	80	4038	0.4000	0.4499	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	14499	2.00	2.27	
48 Chlorobromomethane	128	4.849	4.855	-0.006	93	2053	0.4000	0.4064	
49 Tetrahydrofuran	42	4.873	4.867	0.006	89	4509	0.8000	1.08	
50 Chloroform	83	4.904	4.910	-0.006	94	7962	0.4000	0.5172	
51 1,1,1-Trichloroethane	97	5.020	5.019	0.001	0	3720	0.4000	0.3852	M
52 Cyclohexane	56	5.032	5.032	0.000	88	3602	0.4000	0.3751	
55 Carbon tetrachloride	117	5.135	5.135	0.000	93	3822	0.4000	0.3883	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	86	4493	0.4000	0.4127	
53 Isobutyl alcohol	43	5.282	5.282	0.000	0	8010	10.0	11.4	M
57 Benzene	78	5.318	5.318	0.000	93	13854	0.4000	0.4443	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	94	6675	0.4000	0.4689	
59 n-Heptane	43	5.434	5.440	-0.006	91	7350	0.4000	0.4585	
62 Trichloroethene	95	5.812	5.812	0.000	91	3729	0.4000	0.4257	
64 Methylcyclohexane	83	5.916	5.922	-0.006	92	4018	0.4000	0.3780	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	89	3947	0.4000	0.4166	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	731	8.00	5.97	M
67 Dibromomethane	93	6.123	6.123	0.000	93	2840	0.4000	0.4447	
68 Dichlorobromomethane	83	6.233	6.233	0.000	0	5452	0.4000	0.4507	M
69 2-Chloroethyl vinyl ether	63	6.428	6.434	-0.006	86	2998	0.4000	0.4390	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	89	6081	0.4000	0.4276	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	28335	2.00	2.21	
74 Toluene	92	6.800	6.800	0.000	97	8973	0.4000	0.4443	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	93	5584	0.4000	0.4136	
75 Ethyl methacrylate	69	7.007	7.007	0.000	91	4806	0.4000	0.4035	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	86	3246	0.4000	0.4517	
81 Tetrachloroethene	166	7.220	7.226	-0.006	91	3779	0.4000	0.4019	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	95	6315	0.4000	0.4534	
80 2-Hexanone	43	7.312	7.312	0.000	99	21512	2.00	2.27	
83 Chlorodibromomethane	129	7.476	7.482	-0.006	87	4273	0.4000	0.4140	
84 Ethylene Dibromide	107	7.574	7.574	0.000	95	4196	0.4000	0.4357	
87 Chlorobenzene	112	7.940	7.940	0.000	95	10739	0.4000	0.4513	
88 Ethylbenzene	91	7.988	7.988	0.000	98	15923	0.4000	0.4189	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	93	3687	0.4000	0.4077	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	97	6185	0.4000	0.4191	
91 o-Xylene	106	8.415	8.415	0.000	97	6094	0.4000	0.4231	
92 Styrene	104	8.434	8.433	0.001	94	10843	0.4000	0.4302	
95 Bromoform	173	8.647	8.647	0.000	92	3010	0.4000	0.3879	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	15623	0.4000	0.4197	
101 Bromobenzene	156	9.013	9.013	0.000	87	4842	0.4000	0.4310	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	82	5293	0.4000	0.4249	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	18291	0.4000	0.4043	
98 trans-1,4-Dichloro-2-butene	53	9.043	9.049	-0.006	67	1861	0.4000	0.4109	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	84	1477	0.4000	0.4216	
103 2-Chlorotoluene	126	9.153	9.153	0.000	96	3877	0.4000	0.4039	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	93	12427	0.4000	0.3986	
105 4-Chlorotoluene	126	9.238	9.238	0.000	96	3968	0.4000	0.3968	
106 tert-Butylbenzene	134	9.458	9.464	-0.006	92	2299	0.4000	0.3652	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	95	13012	0.4000	0.4011	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.641	9.640	0.001	95	16089	0.4000	0.3999	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	96	13516	0.4000	0.3802	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	94	8488	0.4000	0.4150	
113 1,4-Dichlorobenzene	146	9.860	9.866	-0.006	94	8710	0.4000	0.4139	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	13488	0.4000	0.4052	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	95	8480	0.4000	0.4221	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	84	988	0.4000	0.3743	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	92	6267	0.4000	0.3876	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	91	3192	0.4000	0.4025	
121 Naphthalene	128	11.726	11.725	0.001	97	16982	0.4000	0.4142	
122 1,2,3-Trichlorobenzene	180	11.915	11.914	0.001	92	6731	0.4000	0.4242	a
S 124 Xylenes, Total	1				0			0.8422	
S 125 1,2-Dichloroethene, Total	1				0			0.8065	
S 126 1,3-Dichloropropene, Total	1				0			0.8412	
S 123 Total BTEX	1				0			2.15	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

8260 CORP mix_00208

Amount Added: 0.40

Units: uL

GAS CORP mix_00456

Amount Added: 0.40

Units: uL

D 8260 IS/SUR_00028

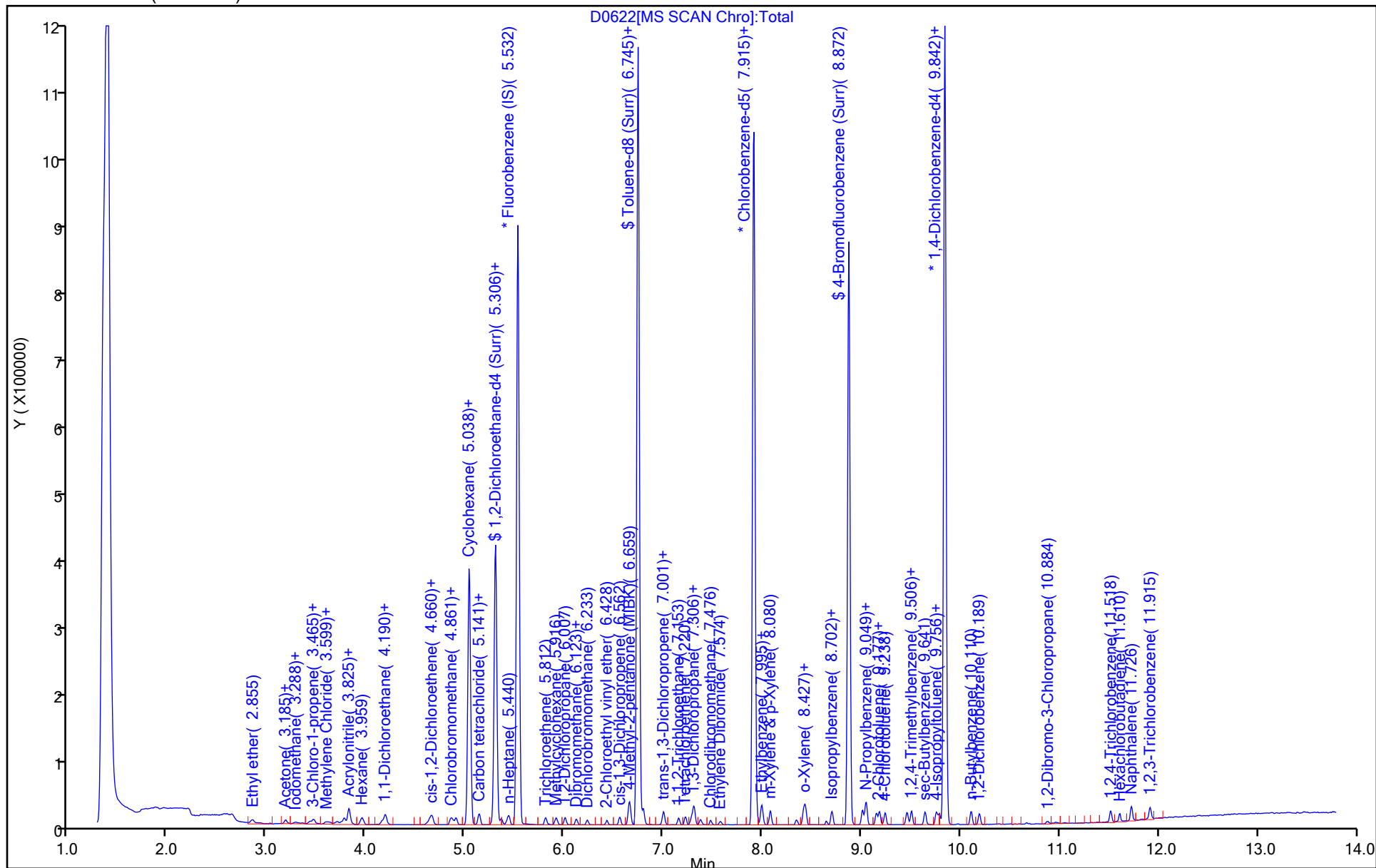
Amount Added: 1.00

Units: uL

Run Reagent

Chrom Revision: 2.3 13-May-2021 07:57:40

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

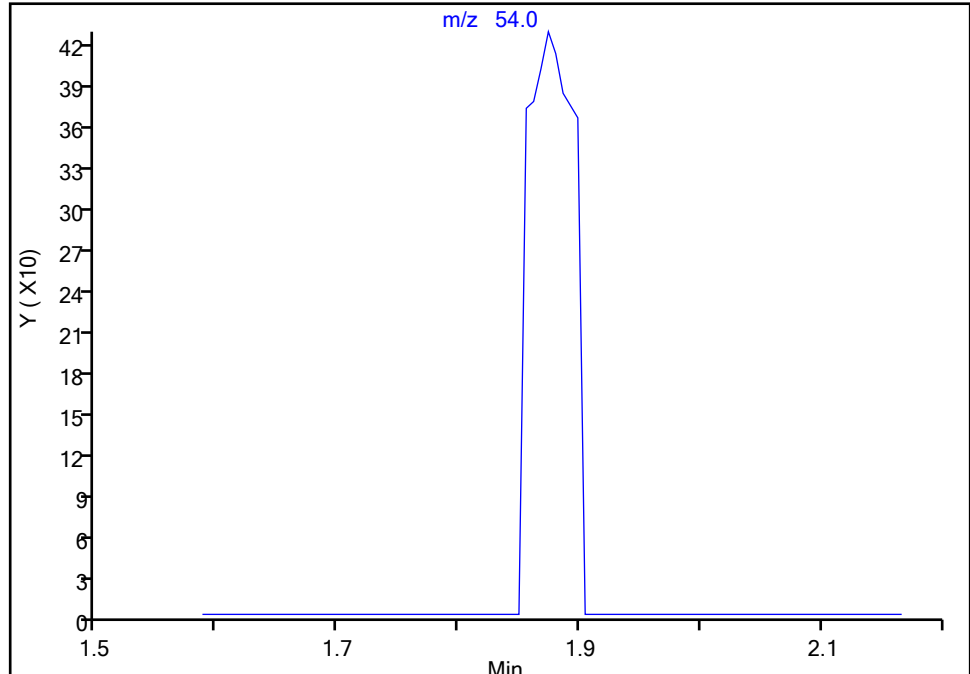
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

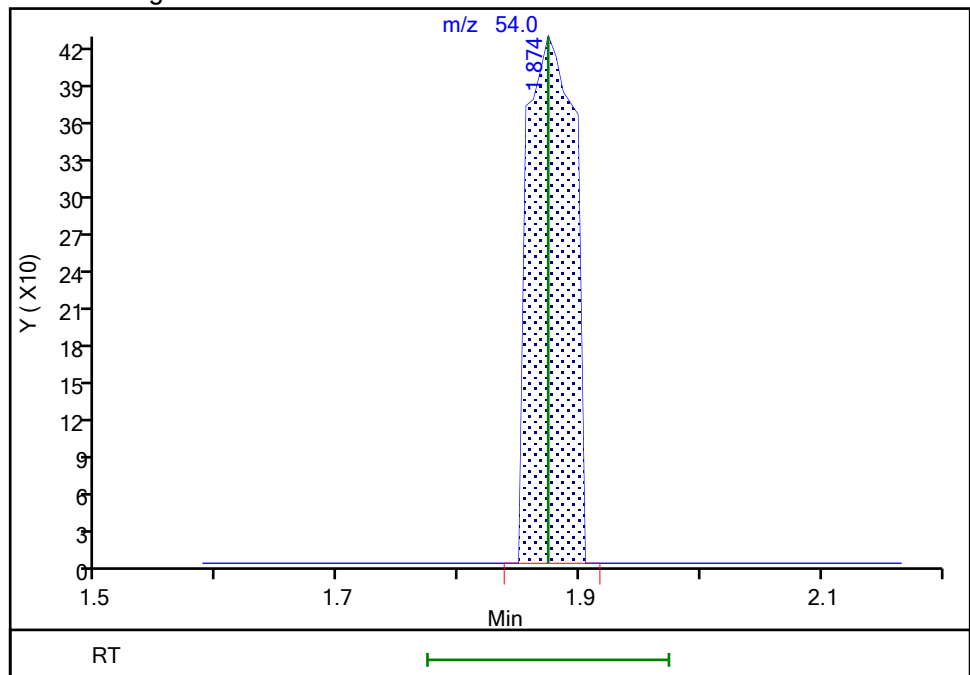
Not Detected
Expected RT: 1.87

Processing Integration Results



RT: 1.87
Area: 1132
Amount: 0.161082
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:01
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

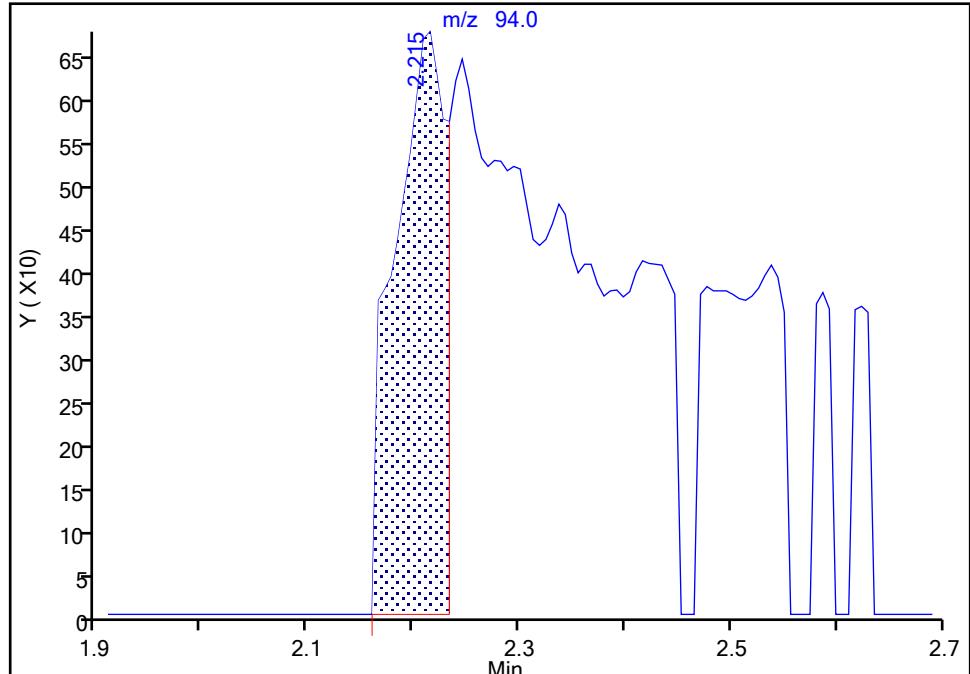
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

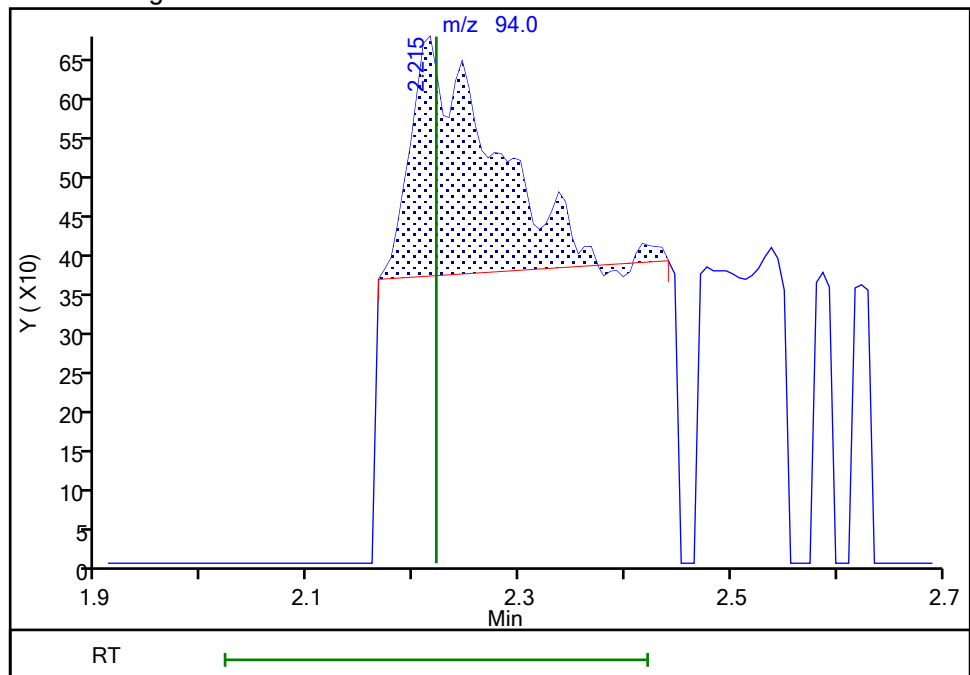
RT: 2.22
Area: 2320
Amount: 0.380831
Amount Units: ug/L

Processing Integration Results



RT: 2.22
Area: 1670
Amount: 0.274915
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:20
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

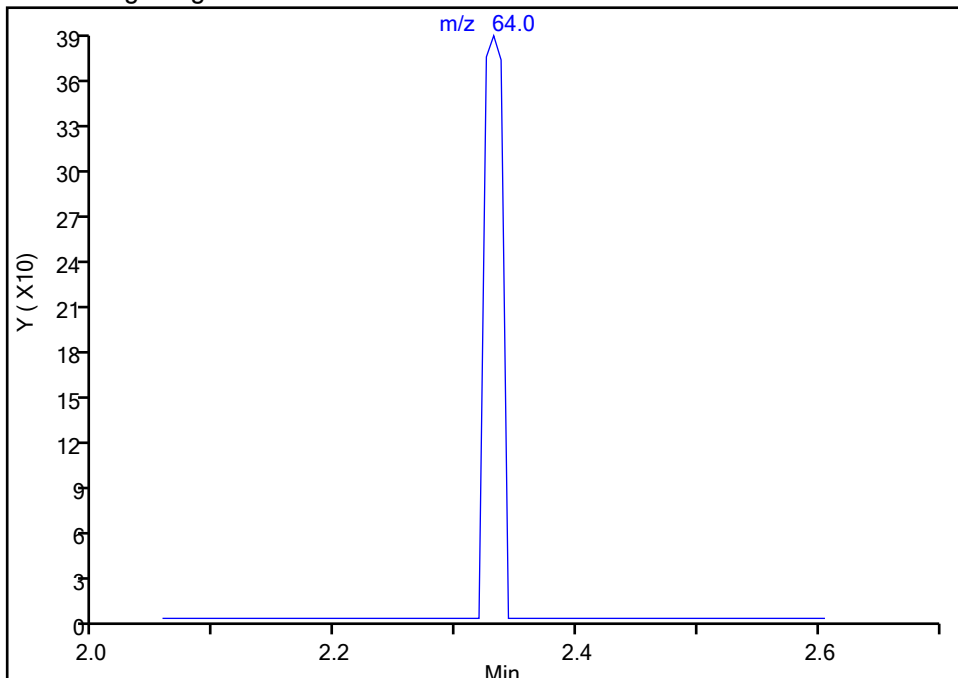
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

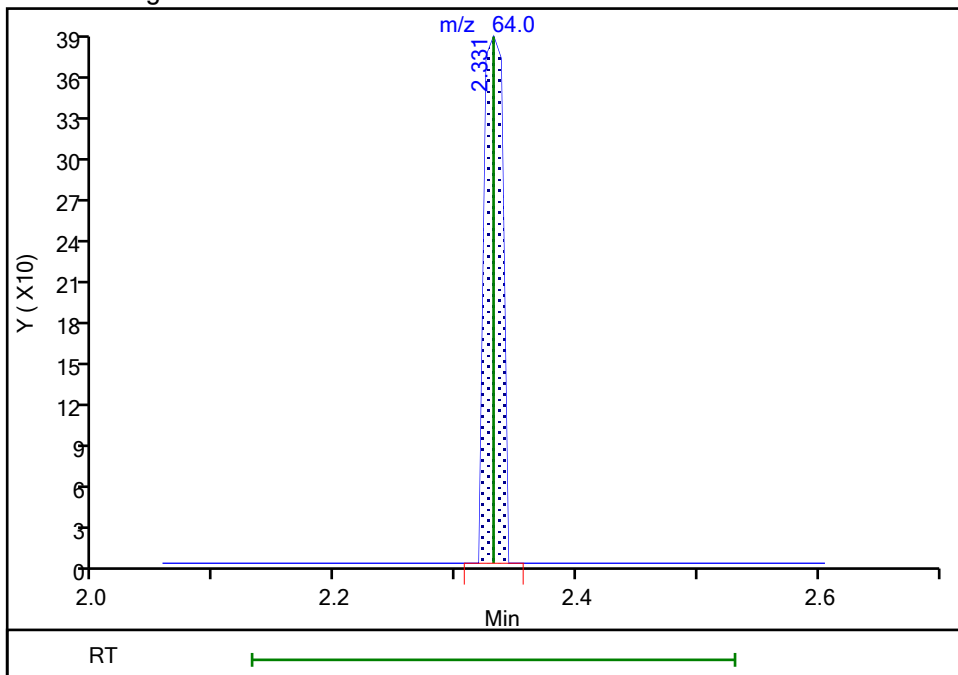
Not Detected
Expected RT: 2.33

Processing Integration Results



RT: 2.33
Area: 411
Amount: 0.087256
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:28
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

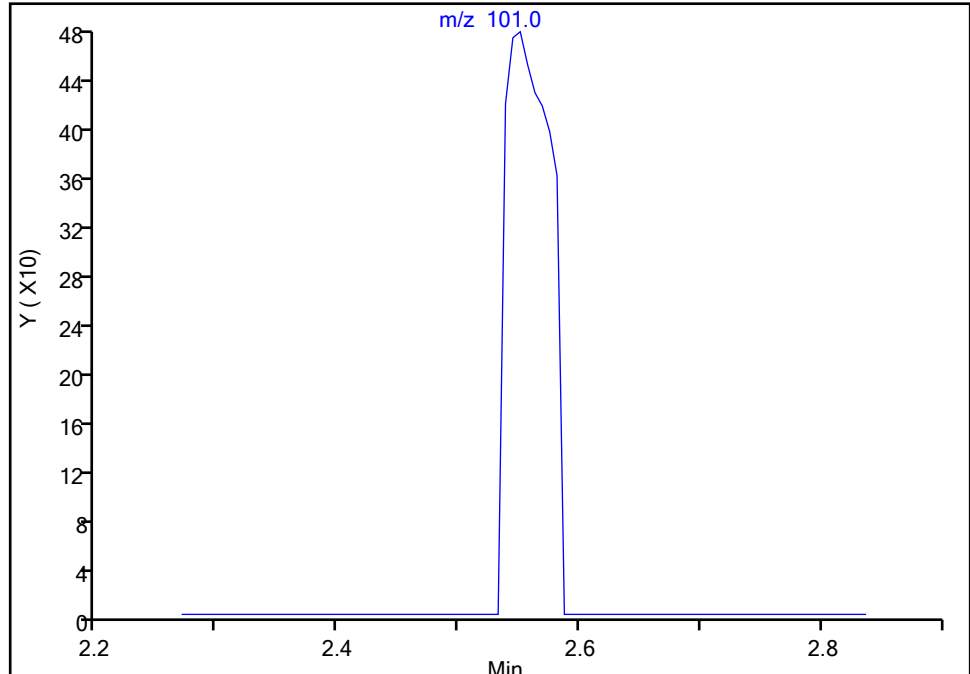
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

17 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

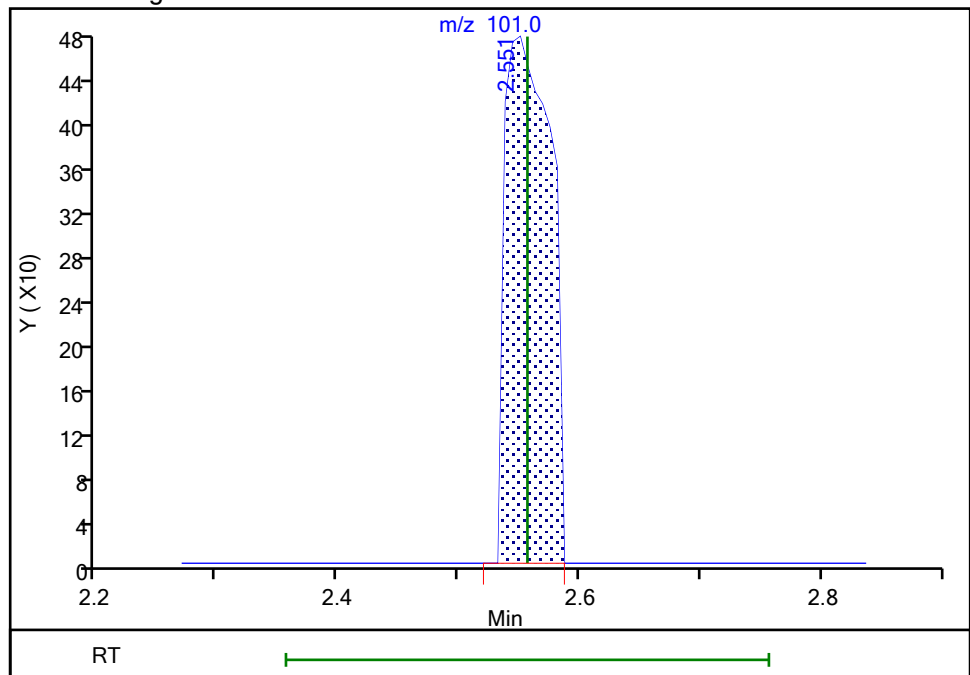
Not Detected
Expected RT: 2.56

Processing Integration Results



RT: 2.55
Area: 1252
Amount: 0.117729
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:35
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D

Injection Date: 25-May-2021 11:30:30

Instrument ID: HP5975D

Lims ID: IC 0.4

Client ID:

Operator ID: LH

ALS Bottle#:

7

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

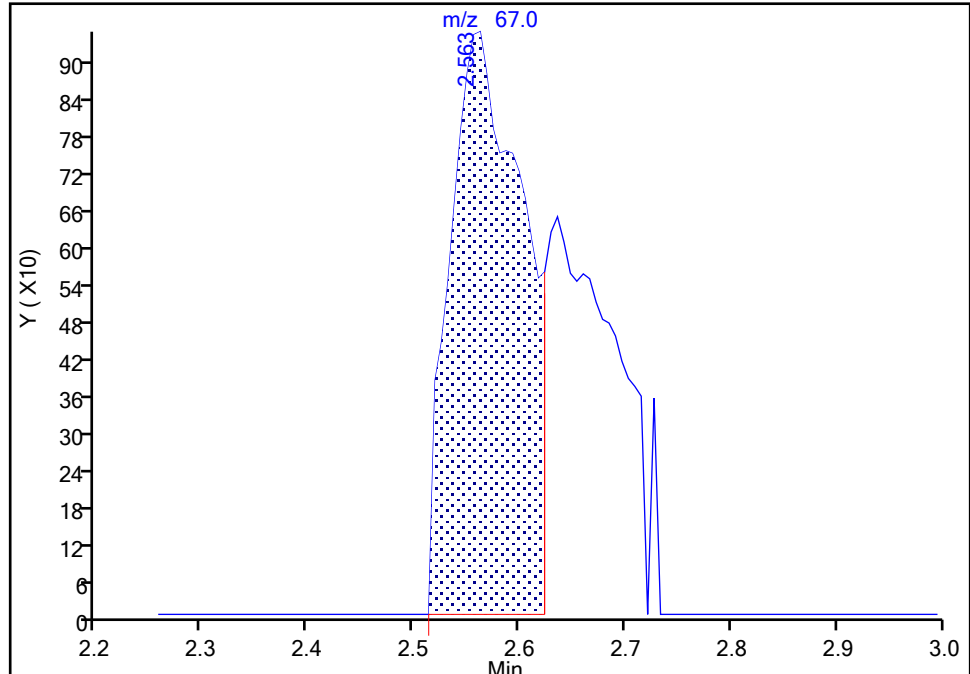
MS SCAN

16 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

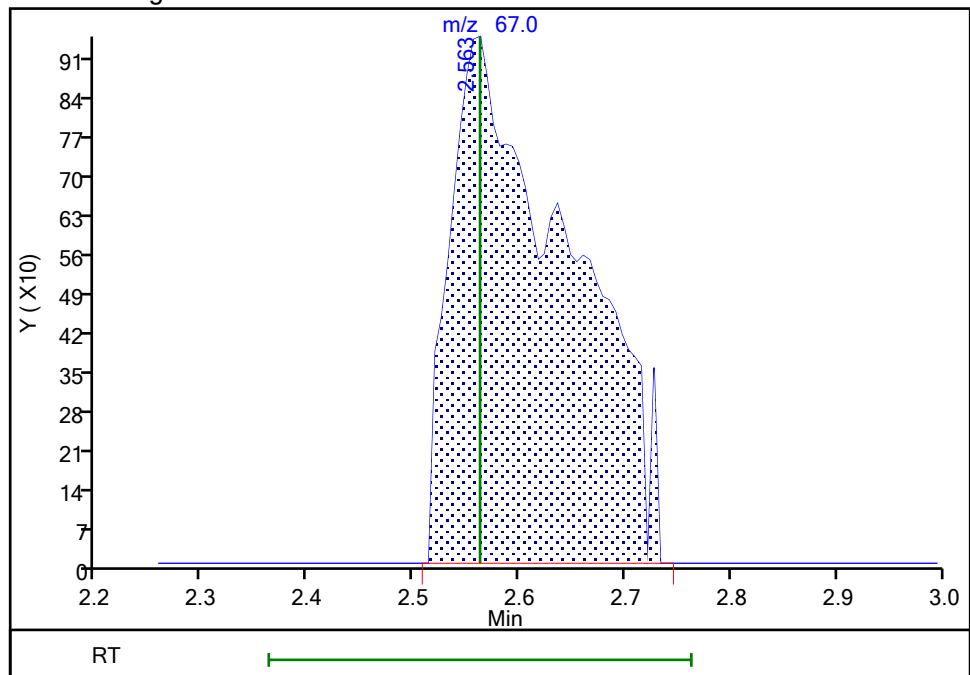
RT: 2.56
Area: 4618
Amount: 0.345786
Amount Units: ug/L

Processing Integration Results



RT: 2.56
Area: 7493
Amount: 0.527310
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:44

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

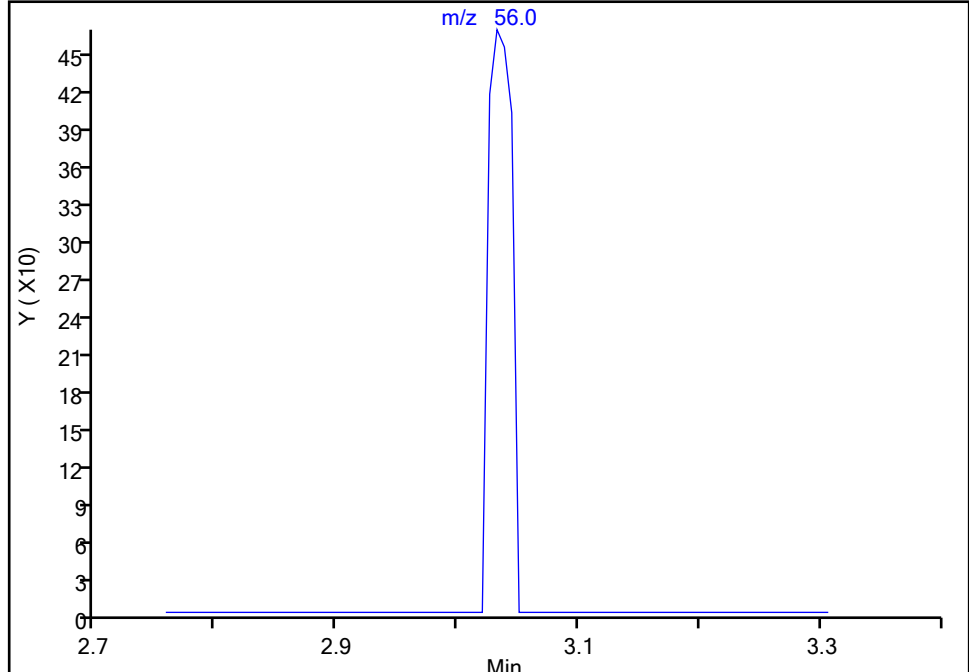
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

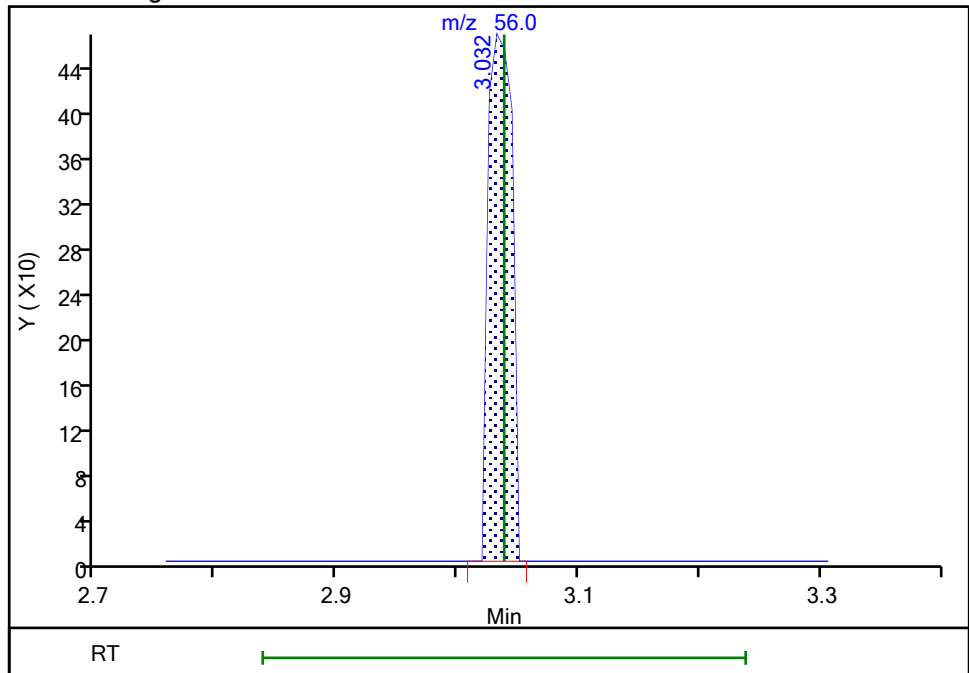
Not Detected
Expected RT: 3.04

Processing Integration Results



RT: 3.03
Area: 639
Amount: 1.066313
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:02:51
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D

Injection Date: 25-May-2021 11:30:30

Instrument ID: HP5975D

Lims ID: IC 0.4

Client ID:

Operator ID: LH

ALS Bottle#:

7

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

MS SCAN

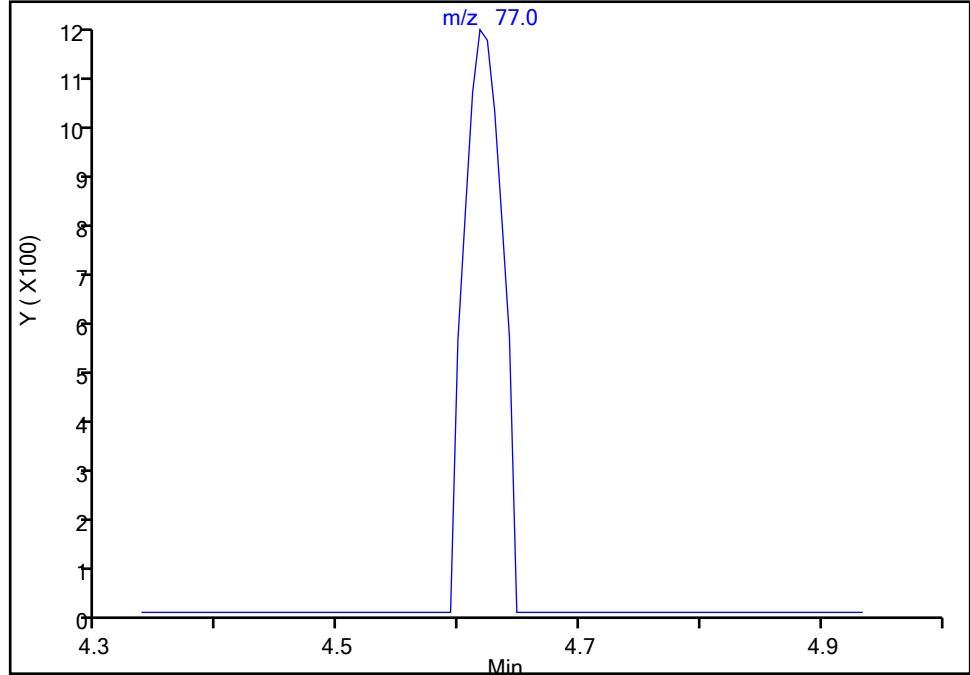
44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Not Detected

Expected RT: 4.62

Processing Integration Results



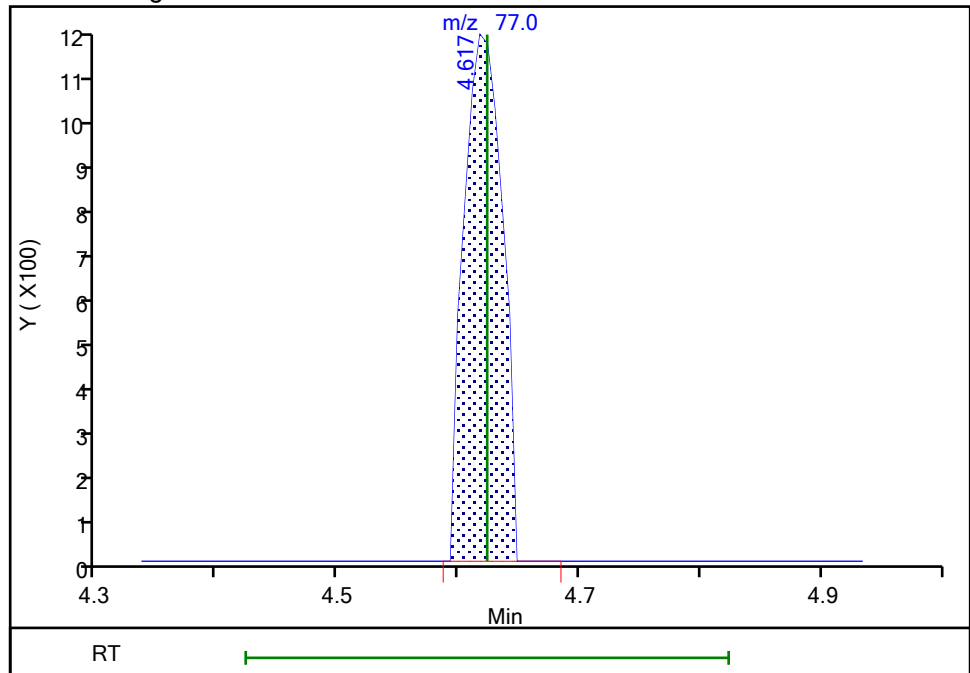
RT: 4.62

Area: 2427

Amount: 0.522283

Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:03:30

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

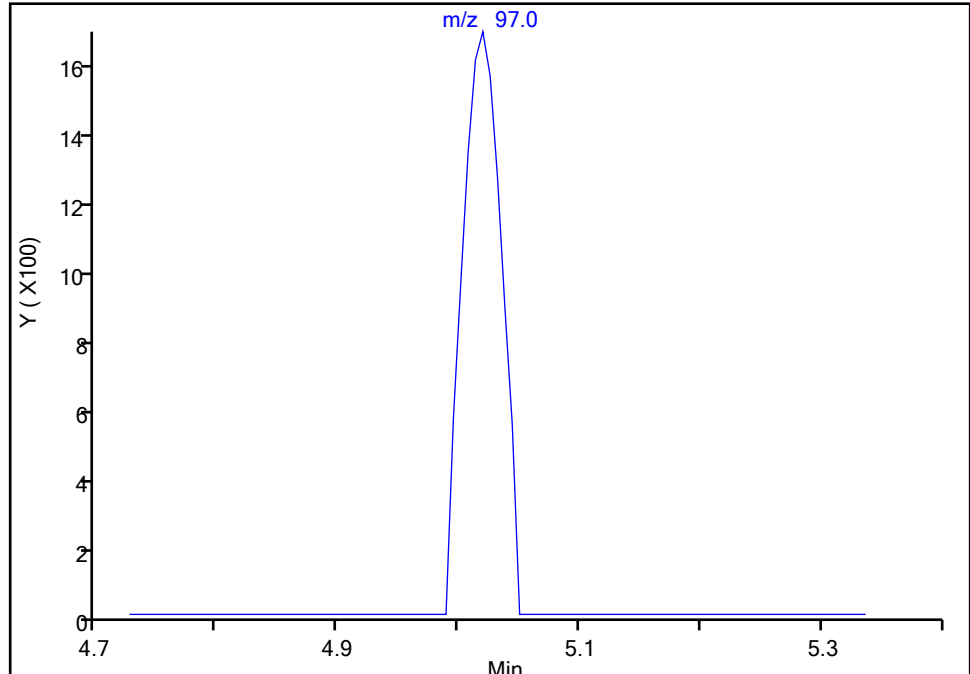
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D
Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

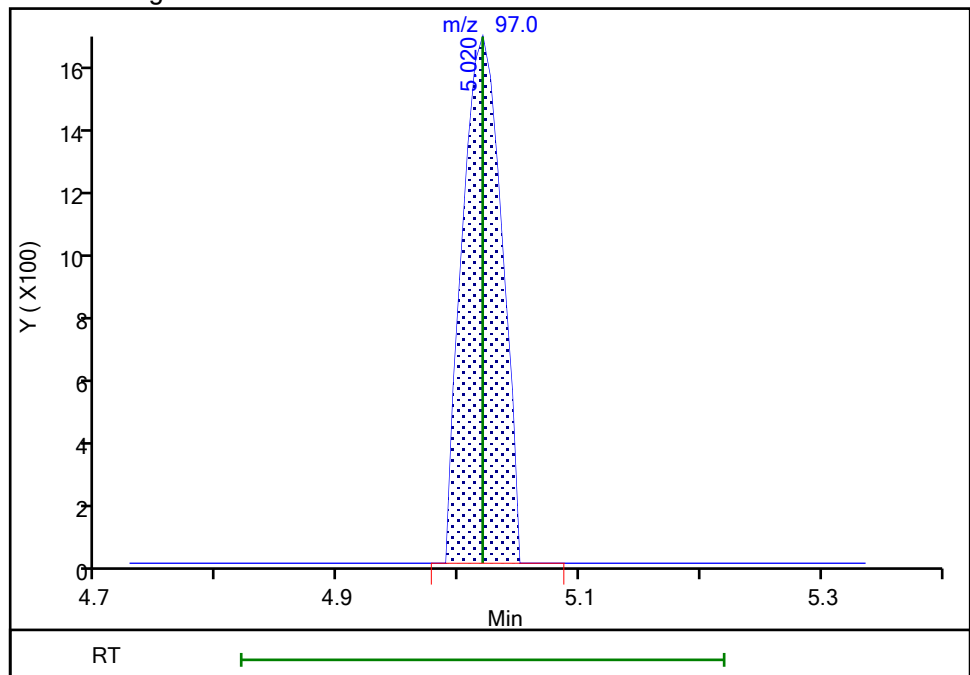
Not Detected
Expected RT: 5.02

Processing Integration Results



RT: 5.02
Area: 3720
Amount: 0.385241
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:03:42
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

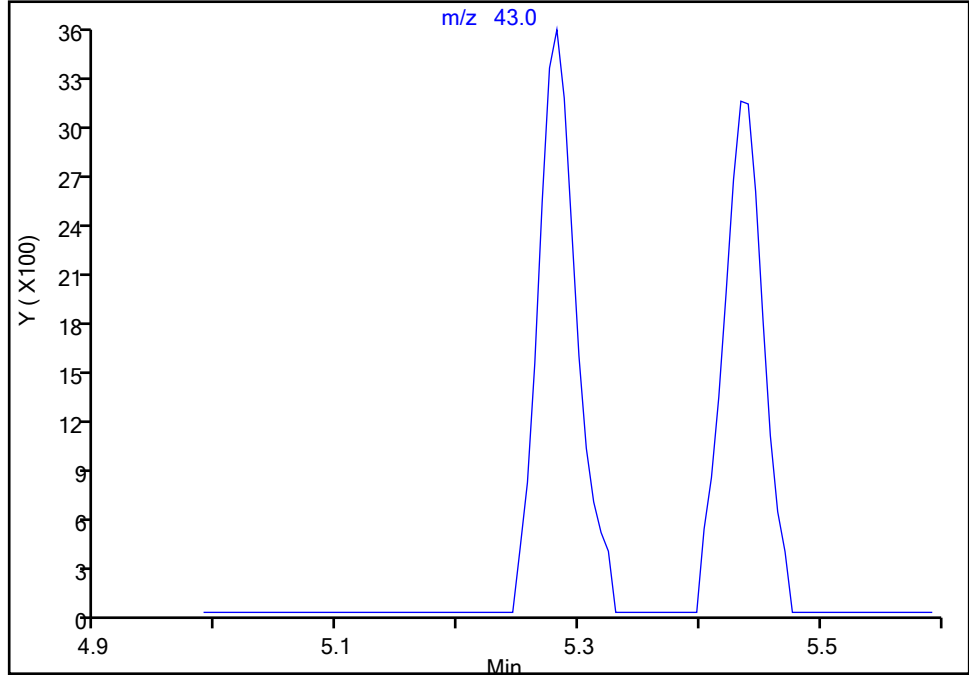
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D
Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

53 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

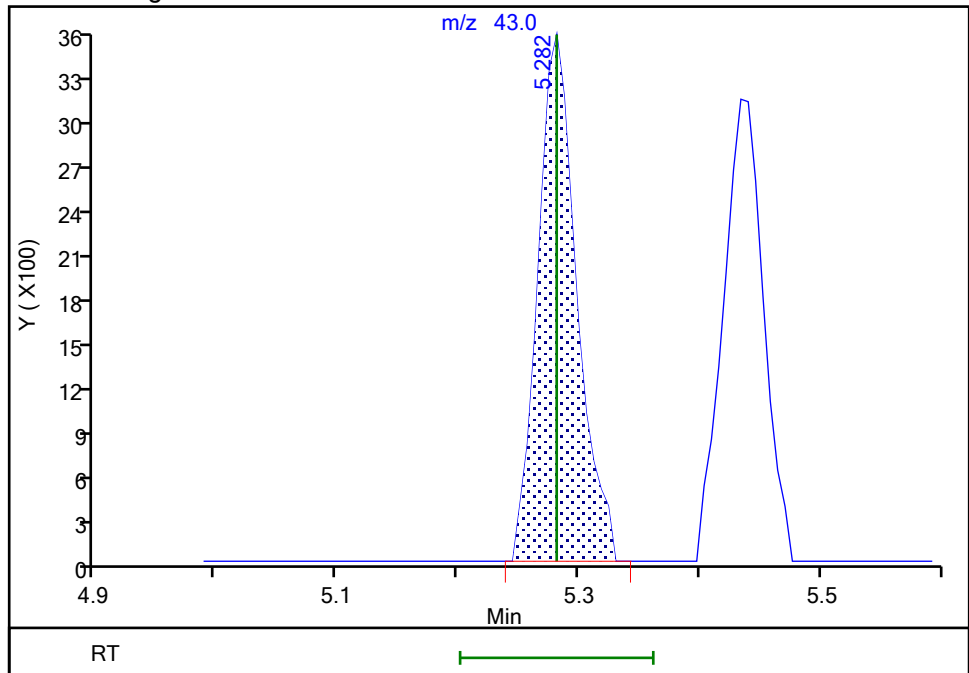
Not Detected
Expected RT: 5.28

Processing Integration Results



RT: 5.28
Area: 8010
Amount: 11.382024
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:03:52
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

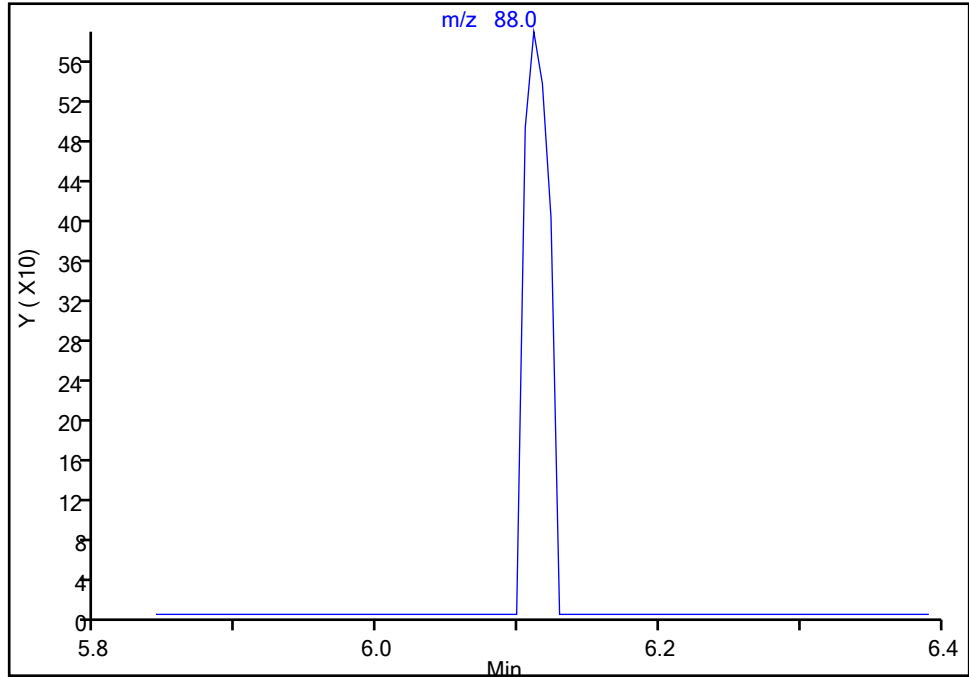
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

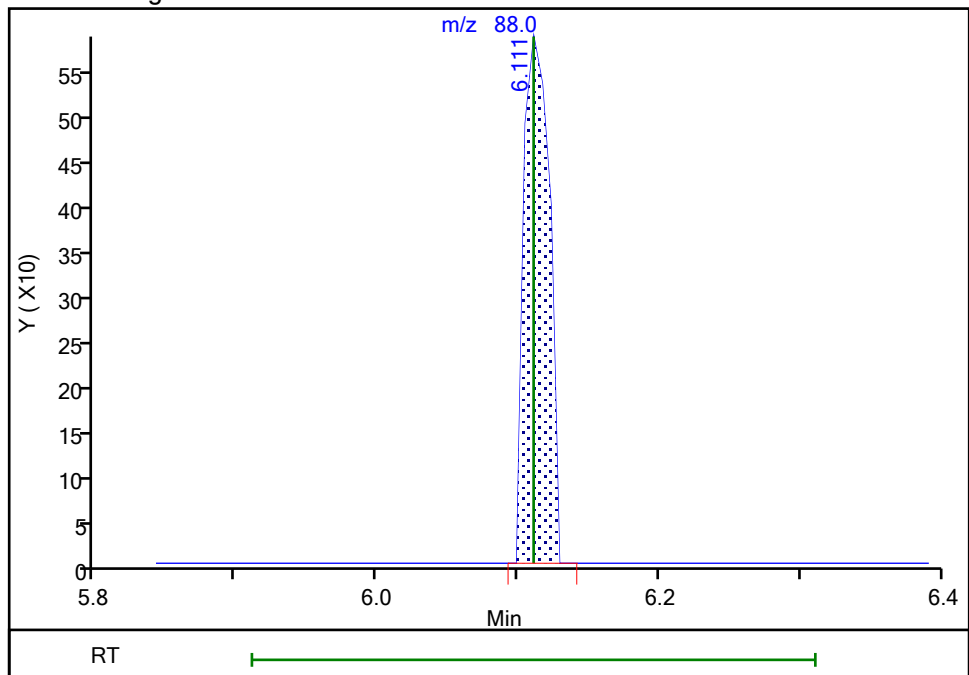
Not Detected
Expected RT: 6.11

Processing Integration Results



RT: 6.11
Area: 731
Amount: 5.969849
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:04:04
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

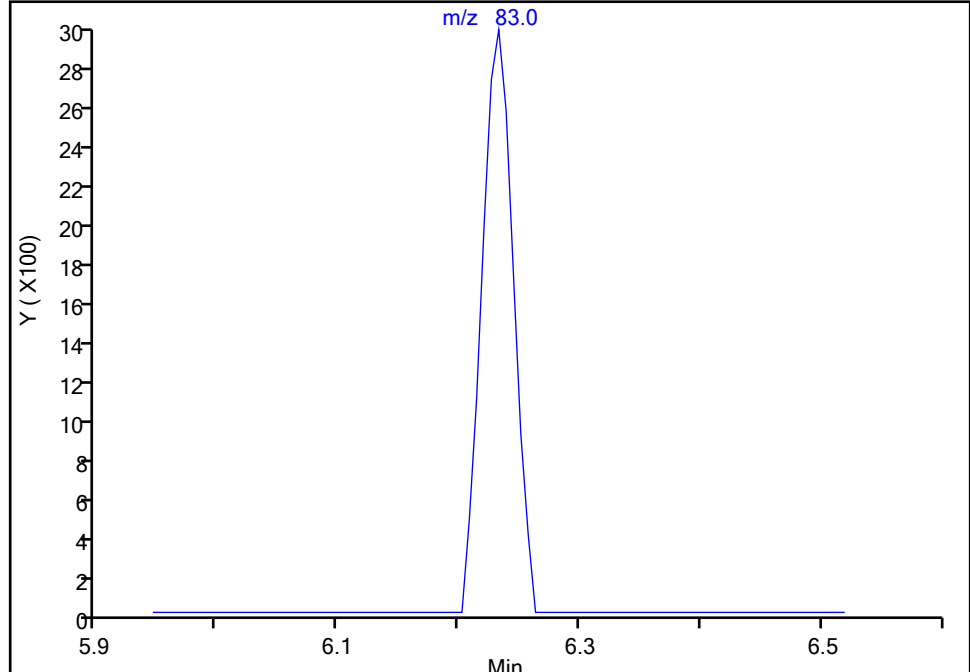
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Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

68 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

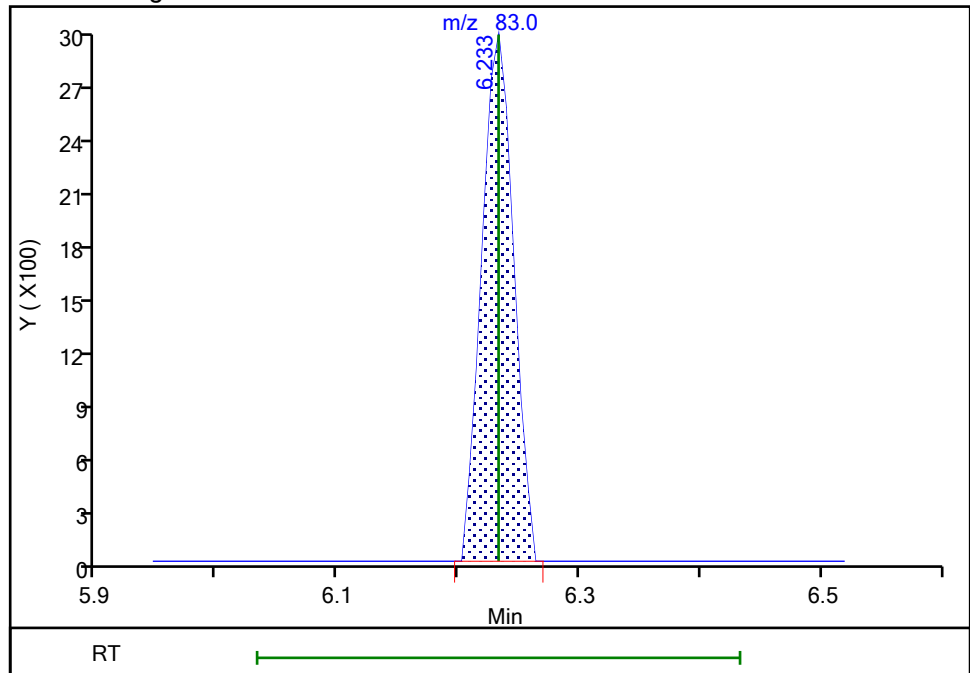
Not Detected
Expected RT: 6.23

Processing Integration Results



RT: 6.23
Area: 5452
Amount: 0.450735
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:04:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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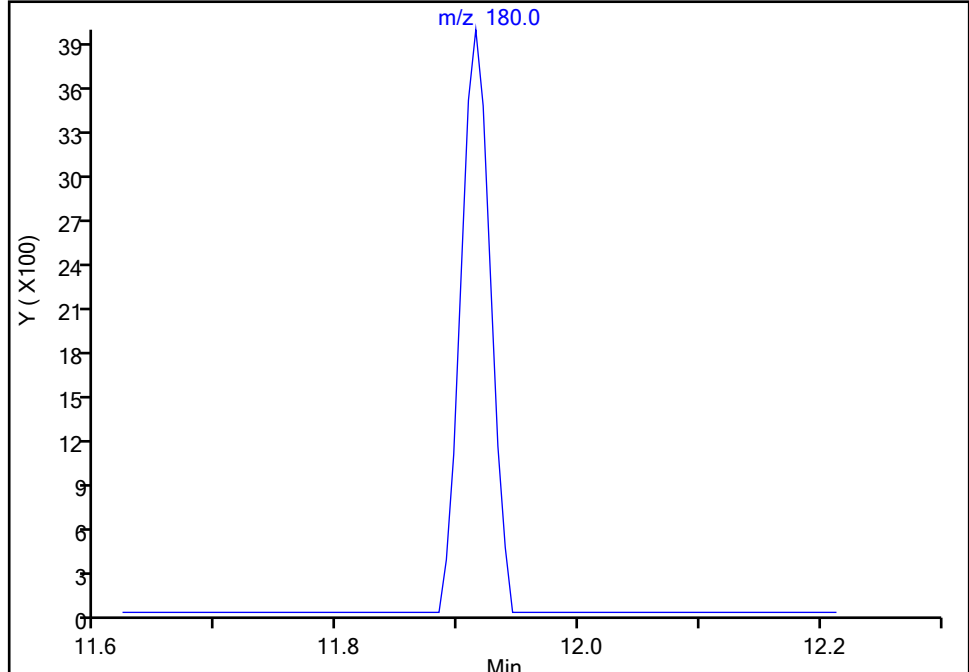
Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0622.D
Injection Date: 25-May-2021 11:30:30 Instrument ID: HP5975D
Lims ID: IC 0.4
Client ID:
Operator ID: LH ALS Bottle#: 7 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

122 1,2,3-Trichlorobenzene, CAS: 87-61-6
Signal: 1

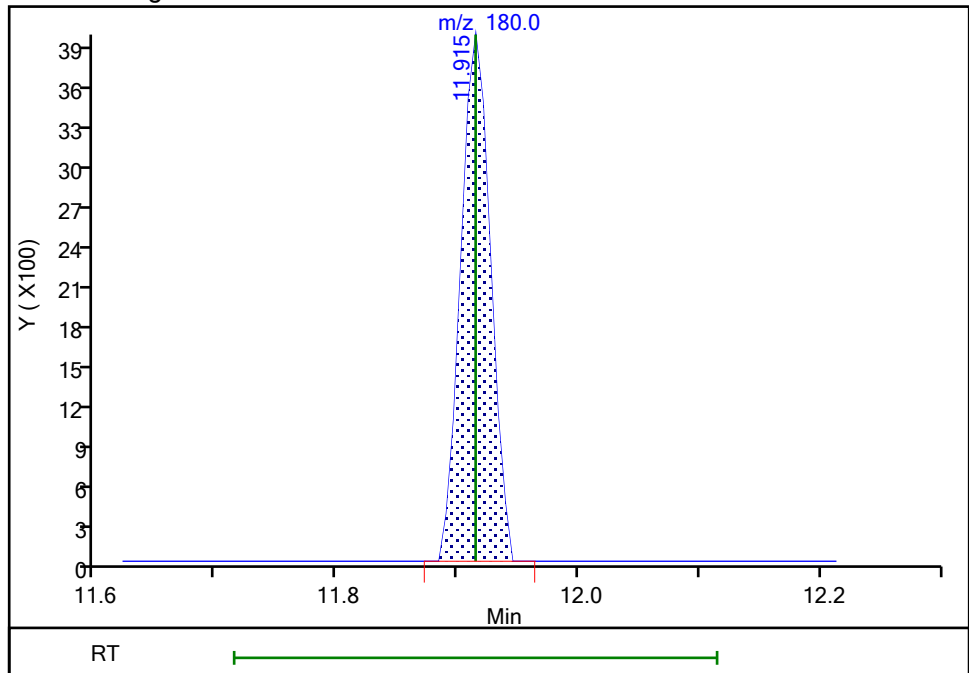
Not Detected
Expected RT: 11.91

Processing Integration Results



RT: 11.91
Area: 6731
Amount: 0.424224
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:04:48
Audit Action: Assigned Compound ID

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0623.D
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-May-2021 11:53:30 ALS Bottle#: 8 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 480-0098837-007
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:17 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:06:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.531	0.001	98	152954	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	88	324070	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	344889	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.038	5.044	-0.006	93	224305	25.0	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	100	136724	25.0	24.8	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	95	749509	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.873	8.872	0.001	92	261314	25.0	24.7	
10 Dichlorodifluoromethane	85	1.514	1.514	0.000	95	7625	1.00	1.06	
12 Chloromethane	50	1.721	1.727	-0.006	95	16283	1.00	1.24	
13 Vinyl chloride	62	1.843	1.837	0.006	95	10933	1.00	1.05	
144 Butadiene	54	1.868	1.874	-0.006	86	6818	1.00	0.9543	
14 Bromomethane	94	2.215	2.221	-0.006	36	6553	1.00	1.06	M
15 Chloroethane	64	2.331	2.331	0.000	49	3777	1.00	0.7888	
17 Trichlorofluoromethane	101	2.557	2.556	0.001	86	10779	1.00	1.00	
16 Dichlorofluoromethane	67	2.575	2.563	0.012	88	17125	1.00	1.19	
18 Ethyl ether	59	2.849	2.855	-0.006	96	6615	1.00	0.9552	
20 Acrolein	56	3.032	3.038	-0.006	92	2277	5.00	3.74	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	3.069	3.081	-0.012	57	2043	1.00	1.06	
22 1,1-Dichloroethene	96	3.099	3.099	0.000	0	4619	1.00	1.01	M
23 Acetone	43	3.185	3.190	-0.005	98	22245	5.00	5.95	
25 Iodomethane	142	3.276	3.276	0.000	95	10605	1.00	0.8712	
26 Carbon disulfide	76	3.294	3.294	0.000	98	18940	1.00	1.01	
28 3-Chloro-1-propene	41	3.435	3.434	0.001	89	17347	1.00	1.33	
27 Methyl acetate	43	3.471	3.471	0.000	99	20728	2.00	2.17	
30 Methylene Chloride	84	3.611	3.611	0.000	96	10169	1.00	0.9496	
31 2-Methyl-2-propanol	59	3.709	3.715	-0.006	98	10888	10.0	9.70	
32 Methyl tert-butyl ether	73	3.764	3.770	-0.006	95	12874	1.00	1.01	
34 trans-1,2-Dichloroethene	96	3.782	3.788	-0.006	90	6331	1.00	0.8841	
33 Acrylonitrile	53	3.825	3.825	0.001	97	44119	10.0	9.65	
35 Hexane	57	3.959	3.959	0.000	95	12980	1.00	1.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.160	4.166	-0.006	95	16161	1.00	1.02	
37 Vinyl acetate	43	4.191	4.196	-0.006	97	51537	2.00	2.00	
44 2,2-Dichloropropane	77	4.617	4.623	-0.006	87	5112	1.00	1.08	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	83	9182	1.00	1.01	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	32032	5.00	4.93	
48 Chlorobromomethane	128	4.849	4.855	-0.006	97	4970	1.00	0.9677	
49 Tetrahydrofuran	42	4.867	4.867	0.000	92	9751	2.00	2.31	
50 Chloroform	83	4.904	4.910	-0.006	96	17089	1.00	1.09	
51 1,1,1-Trichloroethane	97	5.020	5.019	0.001	0	9516	1.00	0.9694	M
52 Cyclohexane	56	5.032	5.032	0.000	91	10697	1.00	1.10	
55 Carbon tetrachloride	117	5.135	5.135	0.000	95	9549	1.00	0.9544	
54 1,1-Dichloropropene	75	5.142	5.141	0.001	89	11134	1.00	1.01	
53 Isobutyl alcohol	43	5.282	5.282	0.000	93	17467	25.0	24.4	
57 Benzene	78	5.318	5.318	0.000	96	31480	1.00	0.99	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	15052	1.00	1.04	
59 n-Heptane	43	5.440	5.440	0.000	97	17075	1.00	1.05	
62 Trichloroethene	95	5.812	5.812	0.000	95	8892	1.00	1.00	
64 Methylcyclohexane	83	5.916	5.922	-0.006	95	10674	1.00	0.9876	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	91	9753	1.00	1.01	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	1982	20.0	16.0	M
67 Dibromomethane	93	6.123	6.123	0.000	94	6326	1.00	0.9743	
68 Dichlorobromomethane	83	6.233	6.233	0.000	96	12058	1.00	0.9806	
69 2-Chloroethyl vinyl ether	63	6.428	6.434	-0.006	91	6540	1.00	0.9420	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	90	14307	1.00	0.9896	
73 4-Methyl-2-pentanone (MIBK)	43	6.660	6.659	0.001	99	64026	5.00	4.94	
74 Toluene	92	6.800	6.800	0.000	97	20386	1.00	1.00	
77 trans-1,3-Dichloropropene	75	6.995	7.001	-0.006	98	13163	1.00	0.9645	
75 Ethyl methacrylate	69	7.007	7.007	0.000	92	11587	1.00	0.9623	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	92	7421	1.00	1.02	
81 Tetrachloroethene	166	7.226	7.226	0.000	91	9290	1.00	0.9775	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	94	14051	1.00	1.00	
80 2-Hexanone	43	7.306	7.312	-0.006	99	47474	5.00	4.97	
83 Chlorodibromomethane	129	7.476	7.482	-0.006	88	10375	1.00	0.99	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	9643	1.00	0.99	
87 Chlorobenzene	112	7.934	7.940	-0.006	97	24433	1.00	1.02	
88 Ethylbenzene	91	7.989	7.988	0.001	99	38325	1.00	1.00	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	94	9115	1.00	1.00	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	98	14872	1.00	1.00	
91 o-Xylene	106	8.415	8.415	0.000	97	14355	1.00	0.9859	
92 Styrene	104	8.434	8.433	0.001	94	24337	1.00	0.9552	
95 Bromoform	173	8.647	8.647	0.000	91	7469	1.00	0.9523	
94 Isopropylbenzene	105	8.702	8.702	0.000	97	36527	1.00	0.9784	
101 Bromobenzene	156	9.013	9.013	0.000	88	11061	1.00	0.9818	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	91	12376	1.00	0.99	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	43827	1.00	0.9660	
98 trans-1,4-Dichloro-2-butene	53	9.043	9.049	-0.006	71	4259	1.00	0.9377	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	91	3526	1.00	1.00	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	9413	1.00	0.9778	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	29891	1.00	0.9561	
105 4-Chlorotoluene	126	9.238	9.238	0.000	98	9805	1.00	0.9776	
106 tert-Butylbenzene	134	9.458	9.464	-0.006	93	6165	1.00	0.9765	
107 1,2,4-Trimethylbenzene	105	9.507	9.506	0.001	95	31601	1.00	0.9713	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.641	9.640	0.001	95	38584	1.00	0.9564	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	34146	1.00	0.9579	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	20376	1.00	0.99	
113 1,4-Dichlorobenzene	146	9.860	9.866	-0.006	95	21252	1.00	1.01	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	32178	1.00	0.9639	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	96	19769	1.00	0.9813	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	81	2558	1.00	0.9663	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	94	15383	1.00	0.9488	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	96	7352	1.00	0.9245	
121 Naphthalene	128	11.726	11.725	0.001	98	39328	1.00	0.9564	
122 1,2,3-Trichlorobenzene	180	11.915	11.914	0.001	93	15161	1.00	0.9528	
S 124 Xylenes, Total	1				0			1.98	
S 125 1,2-Dichloroethene, Total	1				0			1.89	
S 126 1,3-Dichloropropene, Total	1				0			1.95	
S 123 Total BTEX	1				0			4.97	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00208

Amount Added: 1.00

Units: uL

GAS CORP mix_00456

Amount Added: 1.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0623.D

Injection Date: 25-May-2021 11:53:30

Instrument ID: HP5975D

Lims ID: IC

Operator ID: LH

Client ID:

Worklist Smp#: 7

Purge Vol: 5.000 mL

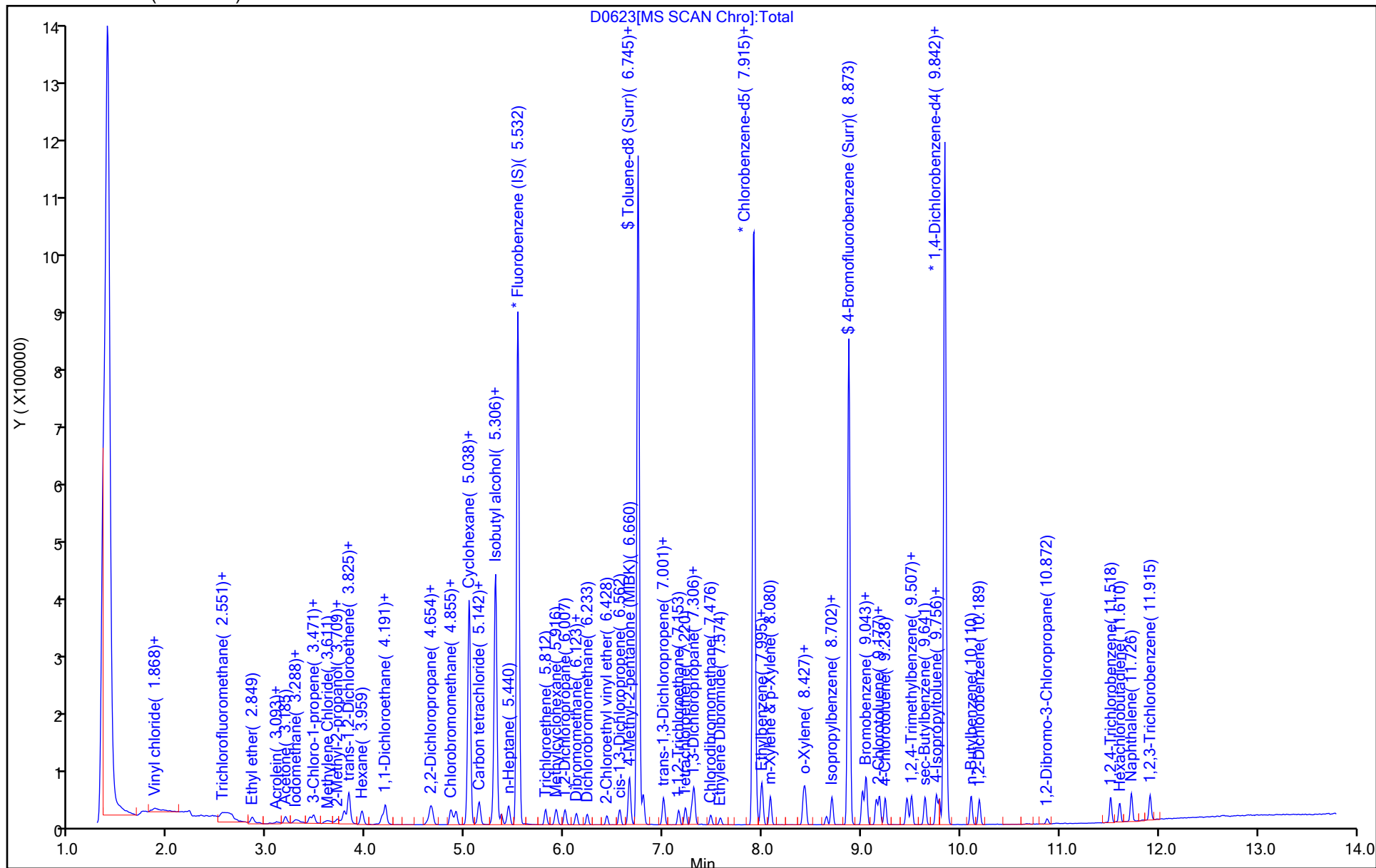
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

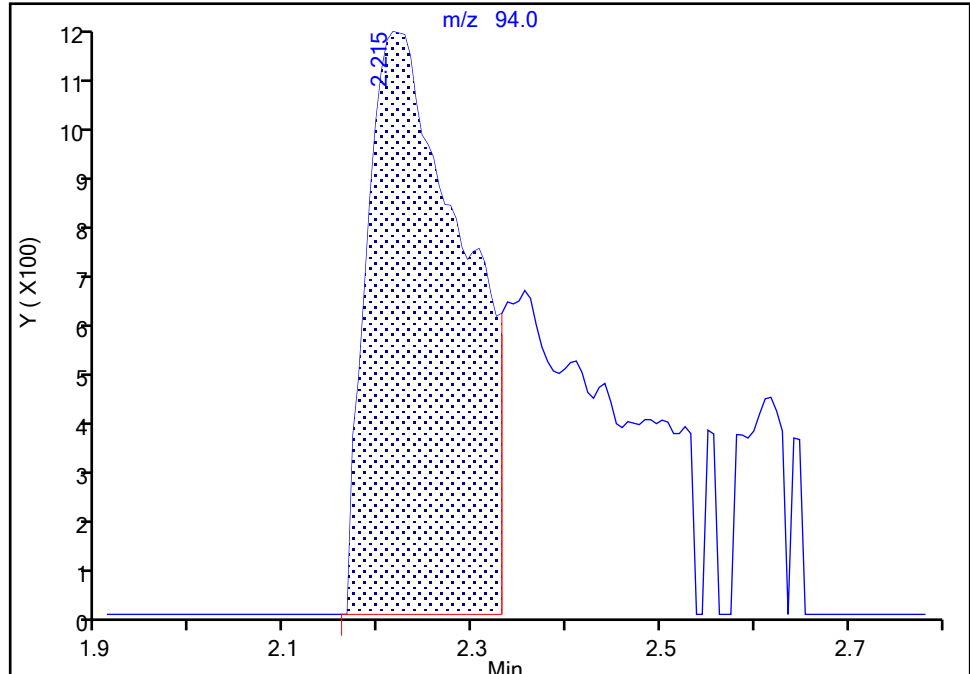
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Injection Date: 25-May-2021 11:53:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

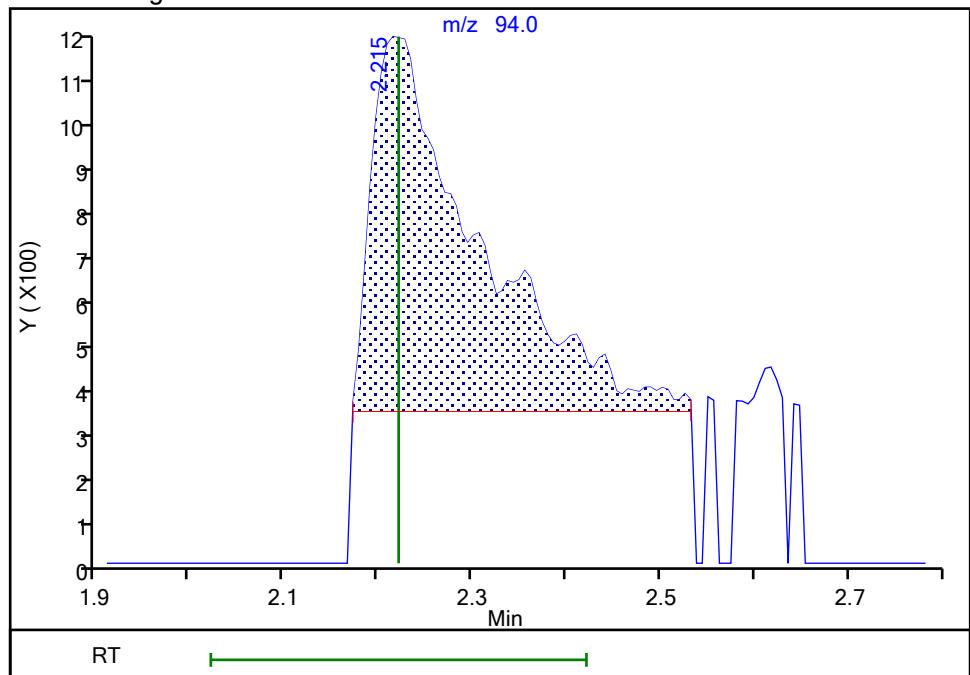
RT: 2.22
Area: 8360
Amount: 1.396453
Amount Units: ug/L

Processing Integration Results



RT: 2.22
Area: 6553
Amount: 1.061135
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:05:24
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

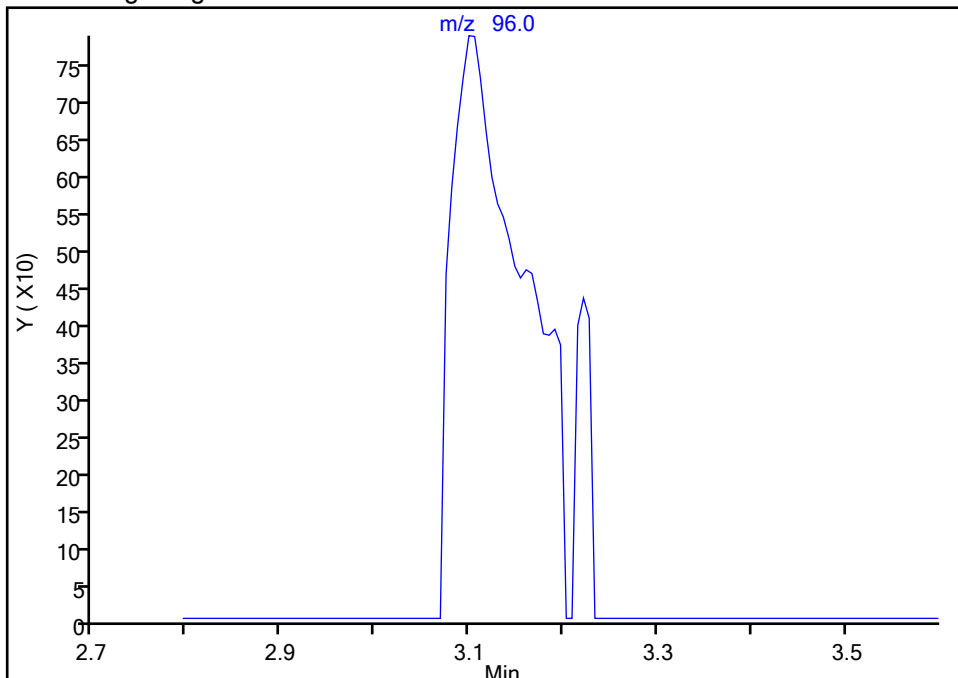
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Injection Date: 25-May-2021 11:53:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

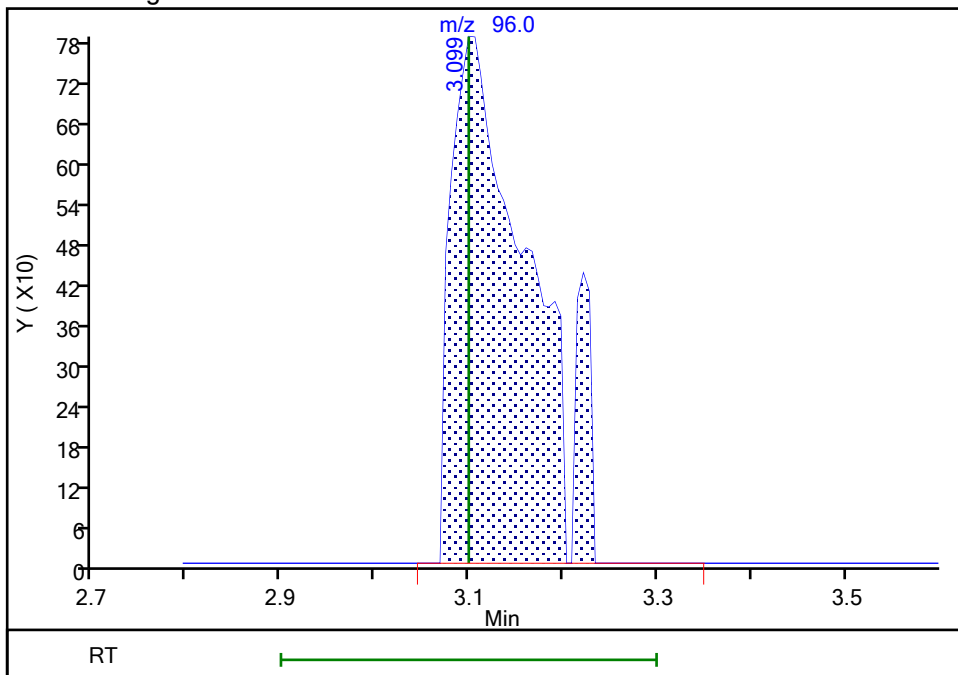
Not Detected
Expected RT: 3.10

Processing Integration Results



RT: 3.10
Area: 4619
Amount: 1.010836
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:05:42
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

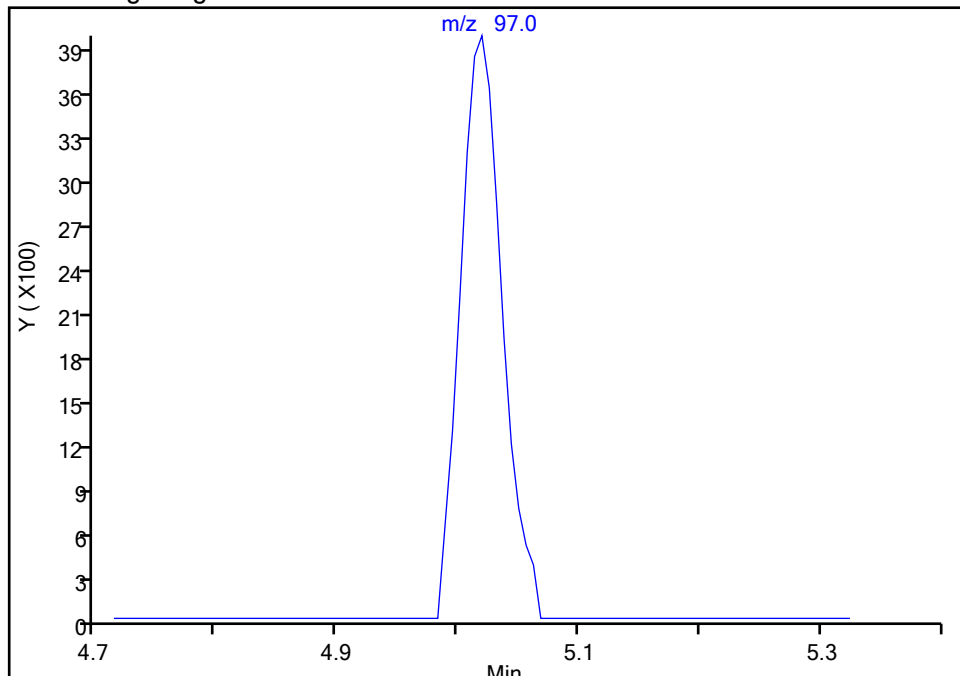
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Injection Date: 25-May-2021 11:53:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

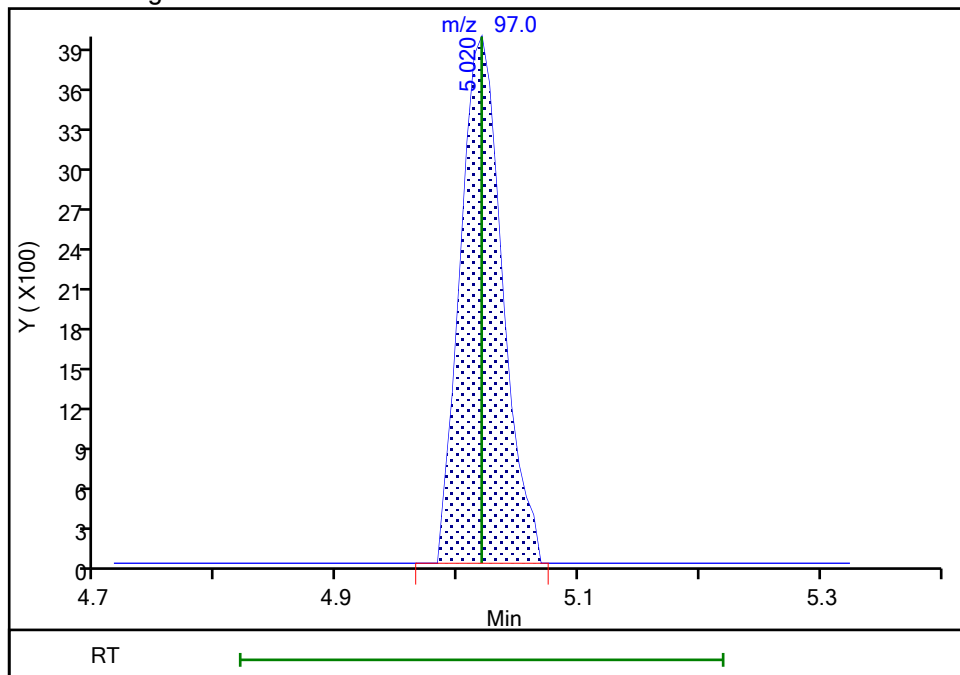
Not Detected
Expected RT: 5.02

Processing Integration Results



RT: 5.02
Area: 9516
Amount: 0.969378
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:06:01

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

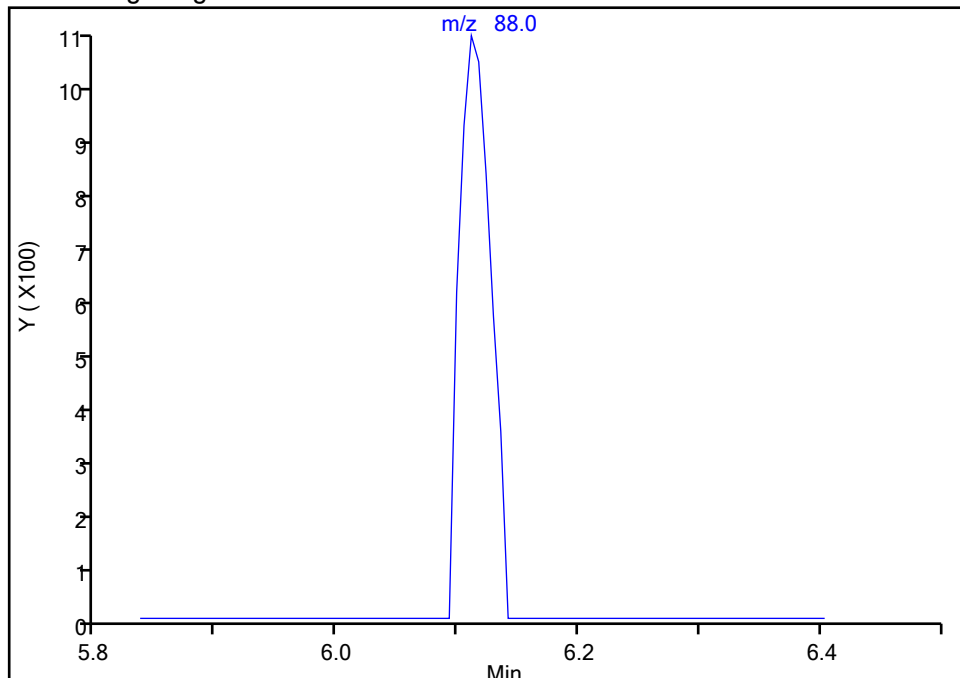
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0623.D
Injection Date: 25-May-2021 11:53:30 Instrument ID: HP5975D
Lims ID: IC
Client ID:
Operator ID: LH ALS Bottle#: 8 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

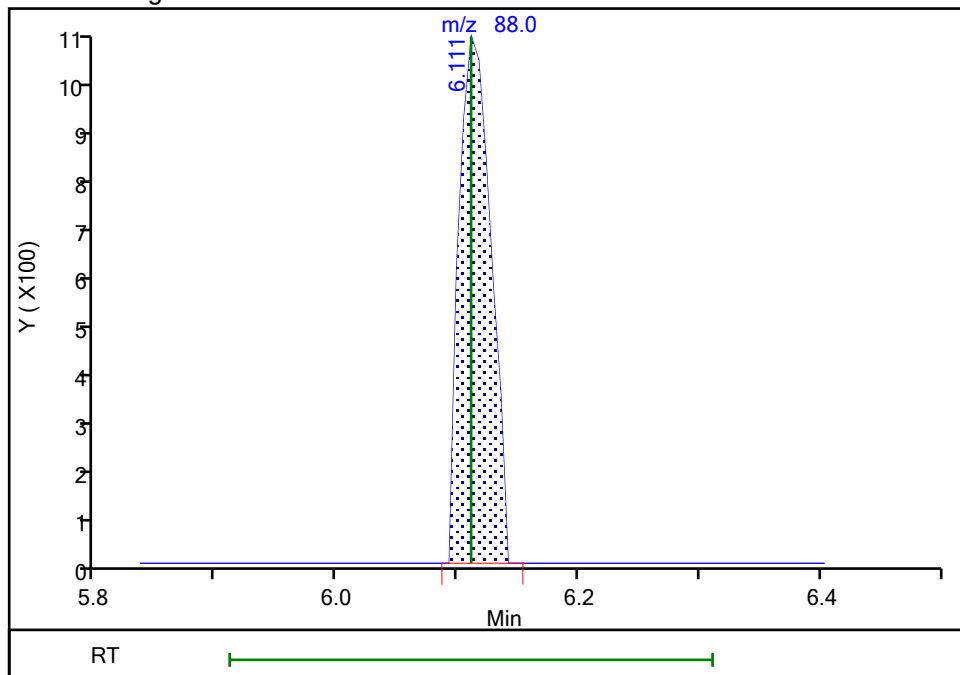
Not Detected
Expected RT: 6.11

Processing Integration Results



RT: 6.11
Area: 1982
Amount: 16.013060
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:06:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0624.D
 Lims ID: IC 2
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 25-May-2021 12:15:30 ALS Bottle#: 9 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 2
 Misc. Info.: 480-0098837-008
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:20 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:09:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.531	0.001	98	158041	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	336535	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	349587	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	233258	25.0	25.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	142422	25.0	25.0	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	95	773537	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	92	272917	25.0	24.9	
10 Dichlorodifluoromethane	85	1.520	1.514	0.006	97	14559	2.00	1.72	
12 Chloromethane	50	1.746	1.727	0.019	99	25860	2.00	1.91	
13 Vinyl chloride	62	1.843	1.837	0.006	95	19210	2.00	1.78	
144 Butadiene	54	1.880	1.874	0.006	93	10759	2.00	1.46	M
14 Bromomethane	94	2.227	2.221	0.006	84	12768	2.00	2.00	M
15 Chloroethane	64	2.349	2.331	0.018	75	8773	2.00	1.77	M
17 Trichlorofluoromethane	101	2.563	2.556	0.007	95	17440	2.00	1.56	
16 Dichlorofluoromethane	67	2.569	2.563	0.006	93	29448	2.00	1.97	
18 Ethyl ether	59	2.855	2.855	0.000	98	14120	2.00	1.97	
20 Acrolein	56	3.038	3.038	0.000	97	6042	10.0	9.60	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.075	3.081	-0.006	43	8466	2.00	1.82	M
22 1,1-Dichloroethene	96	3.099	3.099	0.000	96	10812	2.00	1.83	M
23 Acetone	43	3.191	3.190	0.001	98	38266	10.0	9.91	
25 Iodomethane	142	3.276	3.276	0.000	92	19467	2.00	1.55	
26 Carbon disulfide	76	3.300	3.294	0.006	100	31366	2.00	1.61	
28 3-Chloro-1-propene	41	3.441	3.434	0.006	88	21220	2.00	1.57	
27 Methyl acetate	43	3.477	3.471	0.006	100	37135	4.00	3.77	
30 Methylene Chloride	84	3.636	3.611	0.025	0	18035	2.00	1.81	M
31 2-Methyl-2-propanol	59	3.721	3.715	0.006	98	21932	20.0	18.9	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	93	23580	2.00	1.79	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	94	12238	2.00	1.65	
33 Acrylonitrile	53	3.831	3.825	0.007	98	90062	20.0	19.1	
35 Hexane	57	3.965	3.959	0.006	95	21727	2.00	1.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	96	29869	2.00	1.82	
37 Vinyl acetate	43	4.196	4.196	0.000	97	95295	4.00	3.57	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	87	9163	2.00	1.88	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	84	17377	2.00	1.84	
43 2-Butanone (MEK)	43	4.672	4.666	0.006	98	64910	10.0	9.66	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	10268	2.00	1.93	
49 Tetrahydrofuran	42	4.873	4.867	0.006	91	17764	4.00	4.07	
50 Chloroform	83	4.910	4.910	0.000	95	30974	2.00	1.92	
51 1,1,1-Trichloroethane	97	5.019	5.019	0.000	97	18788	2.00	1.85	
52 Cyclohexane	56	5.032	5.032	0.000	93	16271	2.00	1.61	
55 Carbon tetrachloride	117	5.141	5.135	0.006	95	16989	2.00	1.64	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	89	19407	2.00	1.70	
53 Isobutyl alcohol	43	5.282	5.282	0.000	93	35457	50.0	48.0	
57 Benzene	78	5.318	5.318	0.000	93	59998	2.00	1.83	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	29409	2.00	1.97	
59 n-Heptane	43	5.440	5.440	0.000	97	27557	2.00	1.64	
62 Trichloroethene	95	5.812	5.812	0.000	96	16287	2.00	1.77	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	18517	2.00	1.66	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	92	18954	2.00	1.90	
66 1,4-Dioxane	88	6.117	6.111	0.006	0	4961	40.0	38.6	M
67 Dibromomethane	93	6.123	6.123	0.000	95	12748	2.00	1.90	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	22833	2.00	1.80	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	12846	2.00	1.79	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	90	26990	2.00	1.81	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	127785	10.0	9.50	
74 Toluene	92	6.800	6.800	0.000	97	38268	2.00	1.81	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	25599	2.00	1.81	
75 Ethyl methacrylate	69	7.007	7.007	0.000	93	23192	2.00	1.85	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	93	13683	2.00	1.81	
81 Tetrachloroethene	166	7.226	7.226	0.000	96	17178	2.00	1.74	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	27262	2.00	1.86	
80 2-Hexanone	43	7.312	7.312	0.000	99	92763	10.0	9.34	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	19670	2.00	1.82	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	19003	2.00	1.88	
87 Chlorobenzene	112	7.940	7.940	0.000	95	45307	2.00	1.81	
88 Ethylbenzene	91	7.988	7.988	0.000	98	71327	2.00	1.79	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	93	17399	2.00	1.83	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	27500	2.00	1.78	
91 o-Xylene	106	8.415	8.415	0.000	98	26700	2.00	1.77	
92 Styrene	104	8.433	8.433	0.000	94	47339	2.00	1.79	
95 Bromoform	173	8.647	8.647	0.000	95	14973	2.00	1.84	
94 Isopropylbenzene	105	8.702	8.702	0.000	97	67261	2.00	1.78	
101 Bromobenzene	156	9.013	9.013	0.000	89	21538	2.00	1.89	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	89	24395	2.00	1.93	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	82147	2.00	1.79	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	73	8515	2.00	1.85	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	89	6842	2.00	1.92	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	17872	2.00	1.83	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	57144	2.00	1.80	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	19237	2.00	1.89	
106 tert-Butylbenzene	134	9.464	9.464	0.000	94	11191	2.00	1.75	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	96	59742	2.00	1.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.641	9.640	0.000	95	71080	2.00	1.74	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	62853	2.00	1.74	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	38667	2.00	1.86	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	96	39811	2.00	1.86	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	57666	2.00	1.70	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	97	37871	2.00	1.85	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	85	5134	2.00	1.91	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	94	30304	2.00	1.84	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	14031	2.00	1.74	
121 Naphthalene	128	11.725	11.725	0.000	98	76241	2.00	1.83	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	95	29623	2.00	1.84	
S 124 Xylenes, Total	1				0			3.54	
S 125 1,2-Dichloroethene, Total	1				0			3.50	
S 126 1,3-Dichloropropene, Total	1				0			3.61	
S 123 Total BTEX	1				0			8.97	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00208

Amount Added: 2.00

Units: uL

GAS CORP mix_00456

Amount Added: 2.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0624.D

Injection Date: 25-May-2021 12:15:30

Instrument ID: HP5975D

Lims ID: IC 2

Operator ID: LH

Client ID:

Worklist Smp#: 8

Purge Vol: 5.000 mL

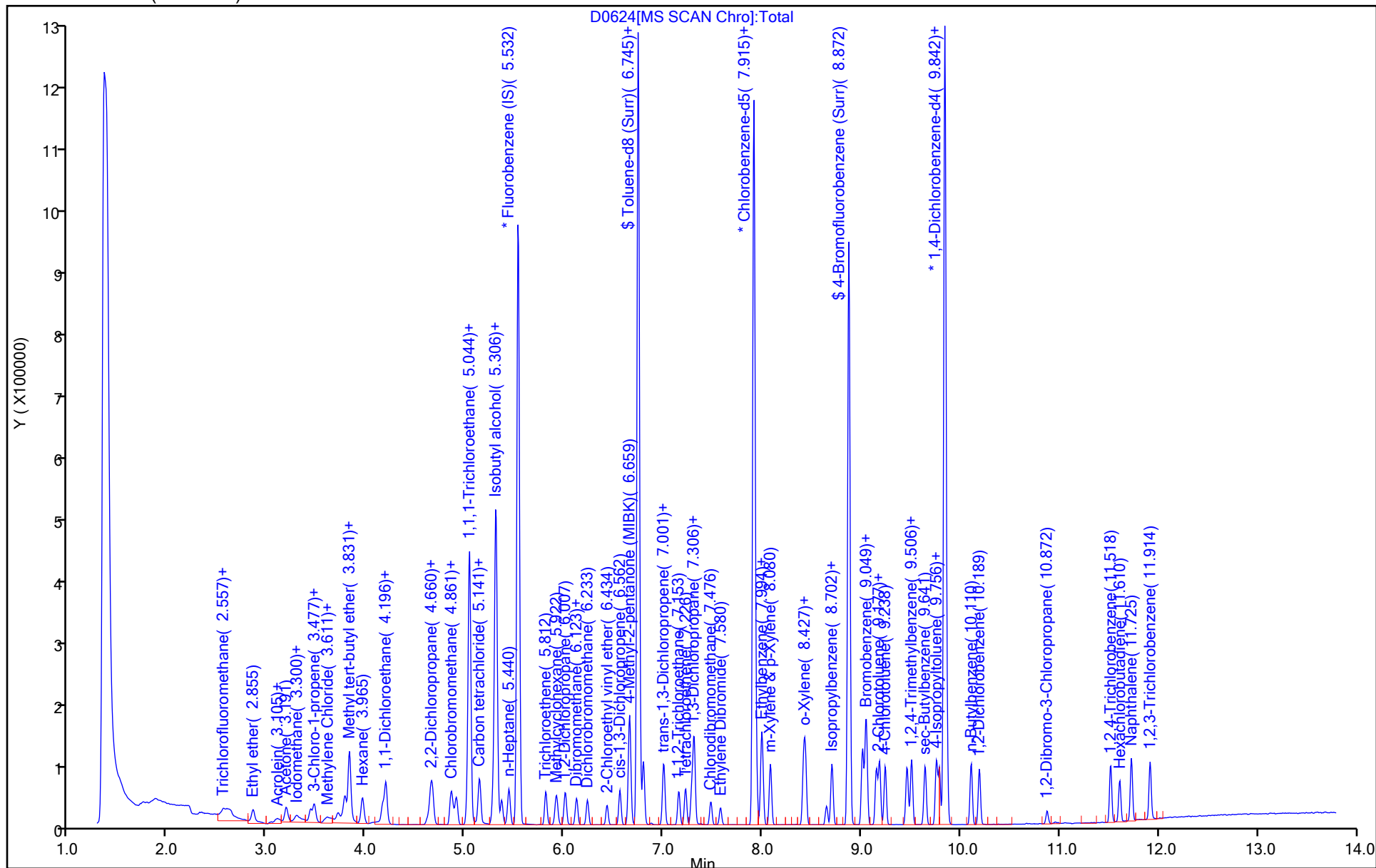
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

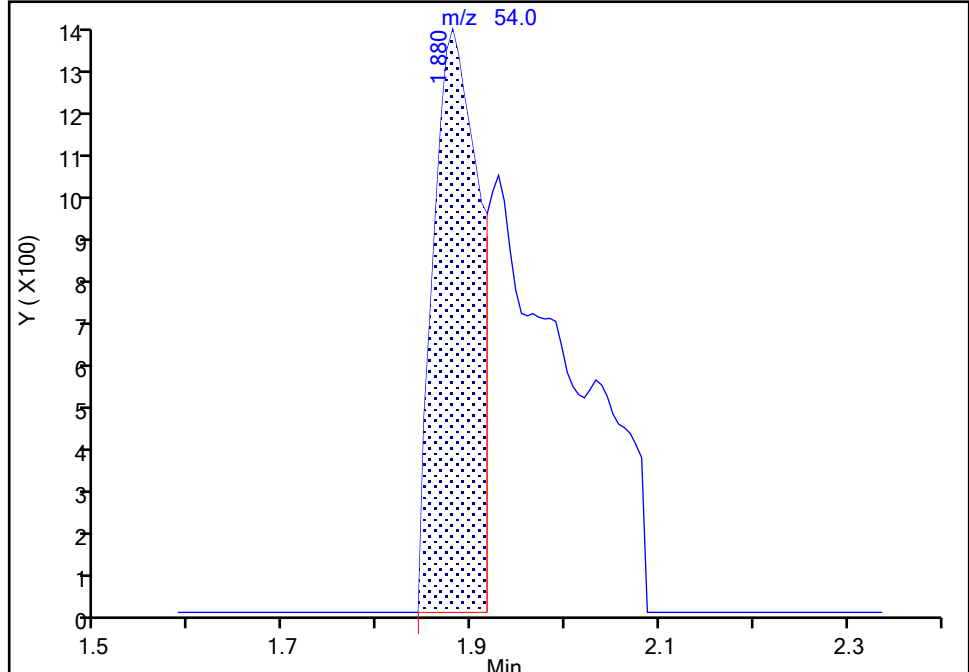
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

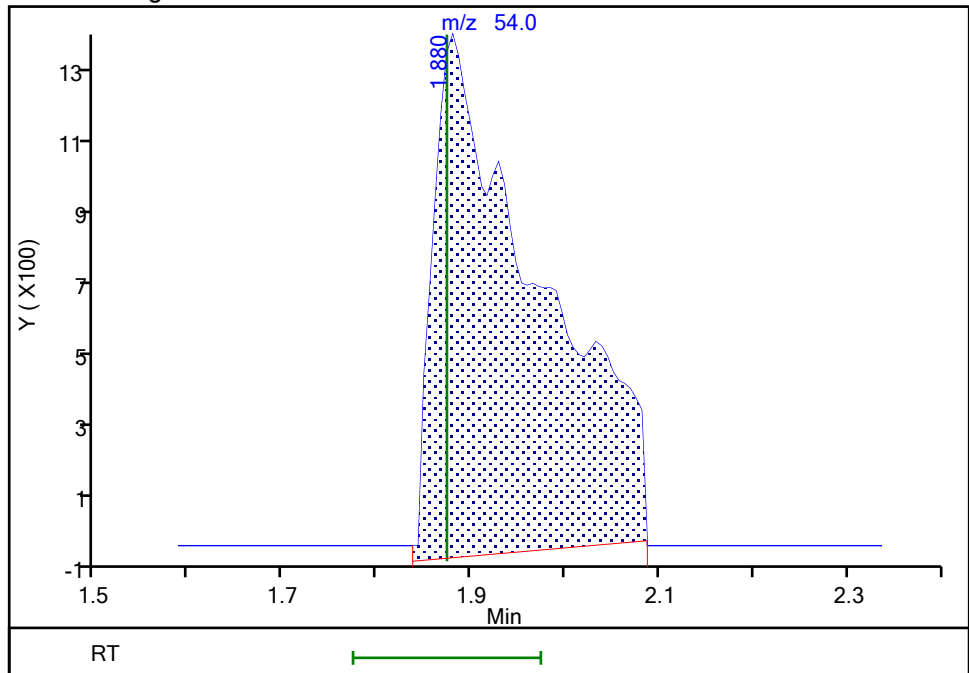
RT: 1.88
Area: 4502
Amount: 0.723840
Amount Units: ug/L

Processing Integration Results



RT: 1.88
Area: 10759
Amount: 1.457511
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:07:03
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

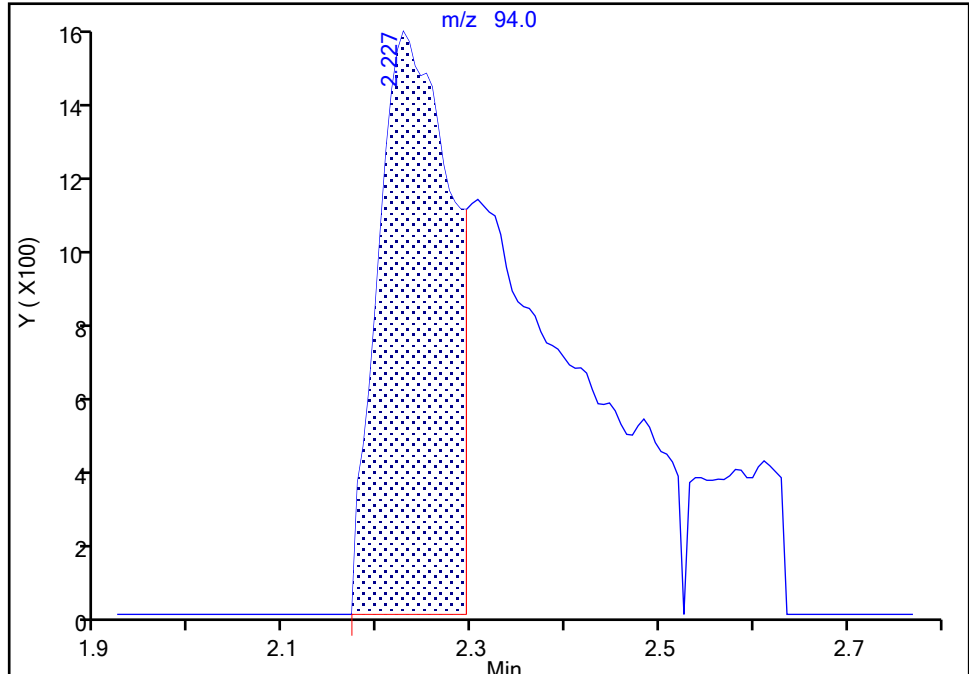
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

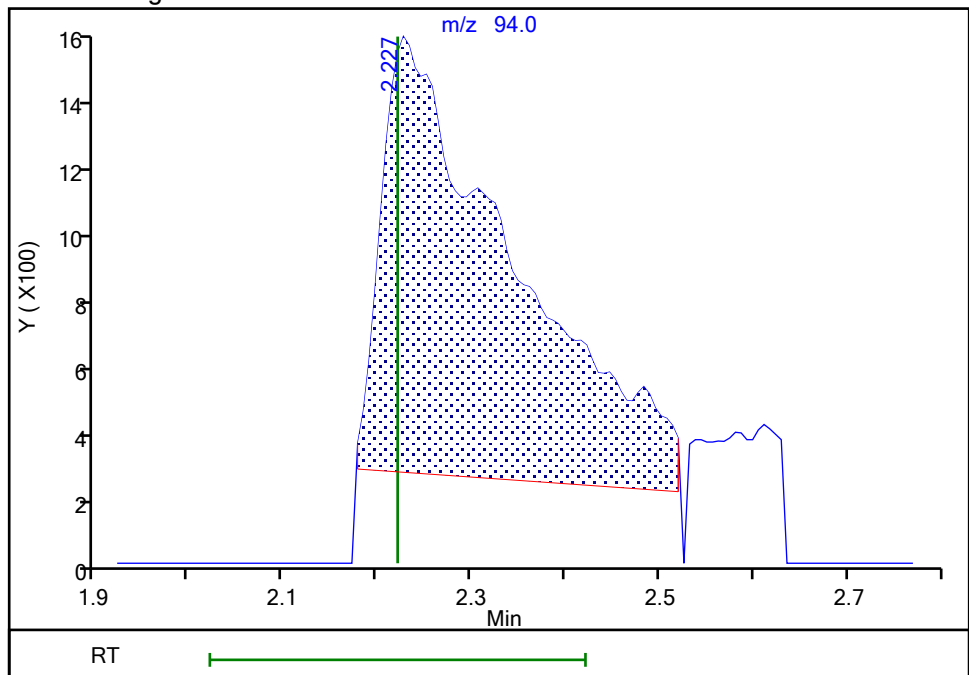
RT: 2.23
Area: 8480
Amount: 1.424657
Amount Units: ug/L

Processing Integration Results



RT: 2.23
Area: 12768
Amount: 2.000988
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:07:14
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

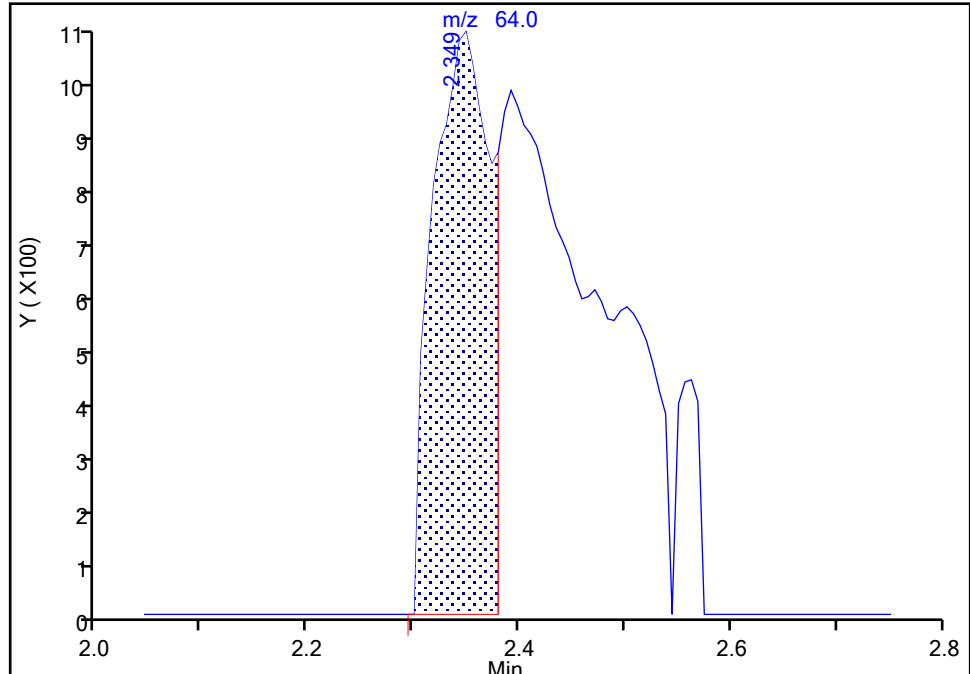
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

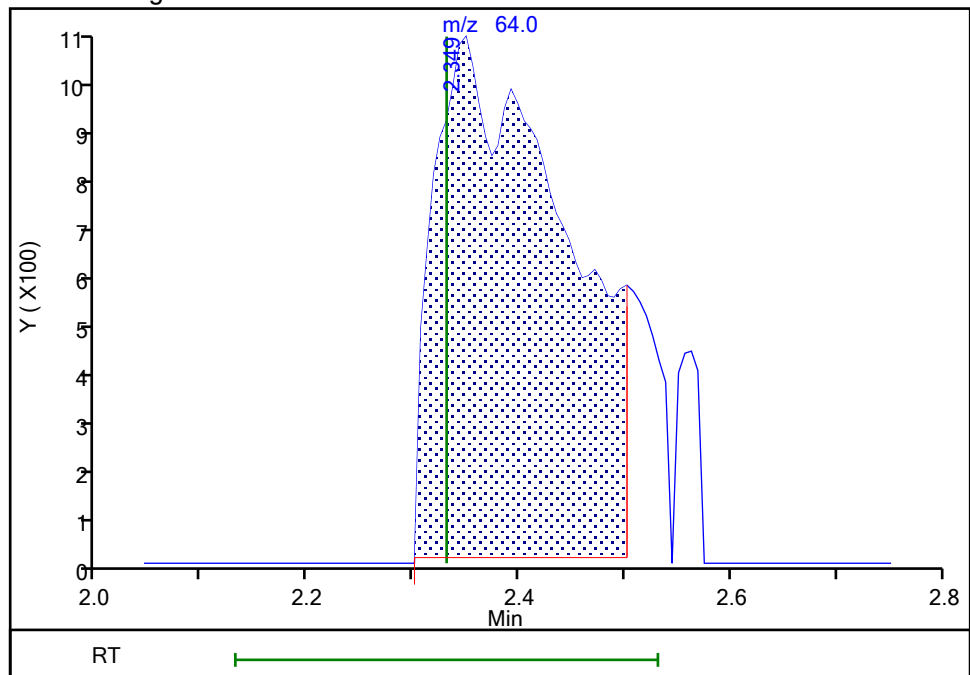
RT: 2.35
Area: 3934
Amount: 1.162196
Amount Units: ug/L

Processing Integration Results



RT: 2.35
Area: 8773
Amount: 1.773140
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:07:42
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0624.D

Injection Date: 25-May-2021 12:15:30

Instrument ID: HP5975D

Lims ID: IC 2

Client ID:

Operator ID: LH

ALS Bottle#:

9

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: D-8260

Limit Group:

MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Detector

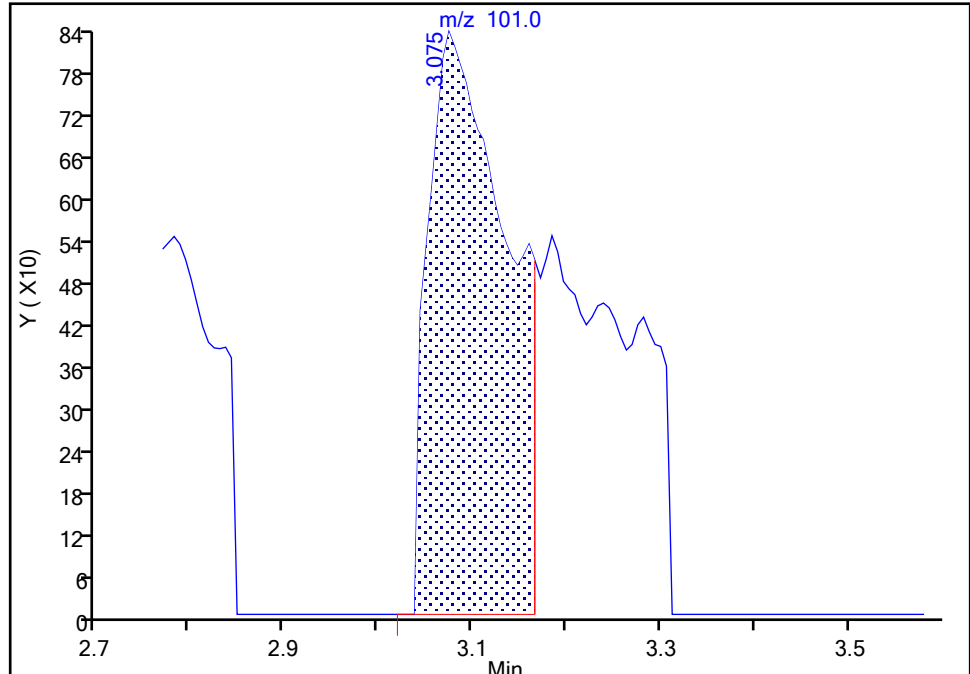
MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

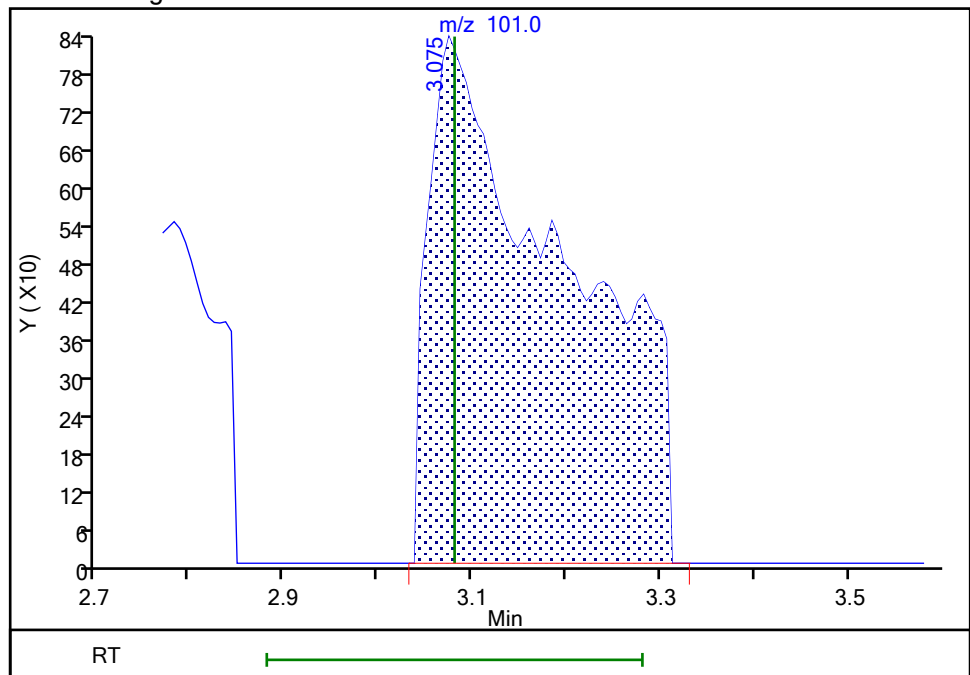
RT: 3.07
Area: 4821
Amount: 0.972295
Amount Units: ug/L

Processing Integration Results



RT: 3.07
Area: 8466
Amount: 1.820375
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:08:01

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

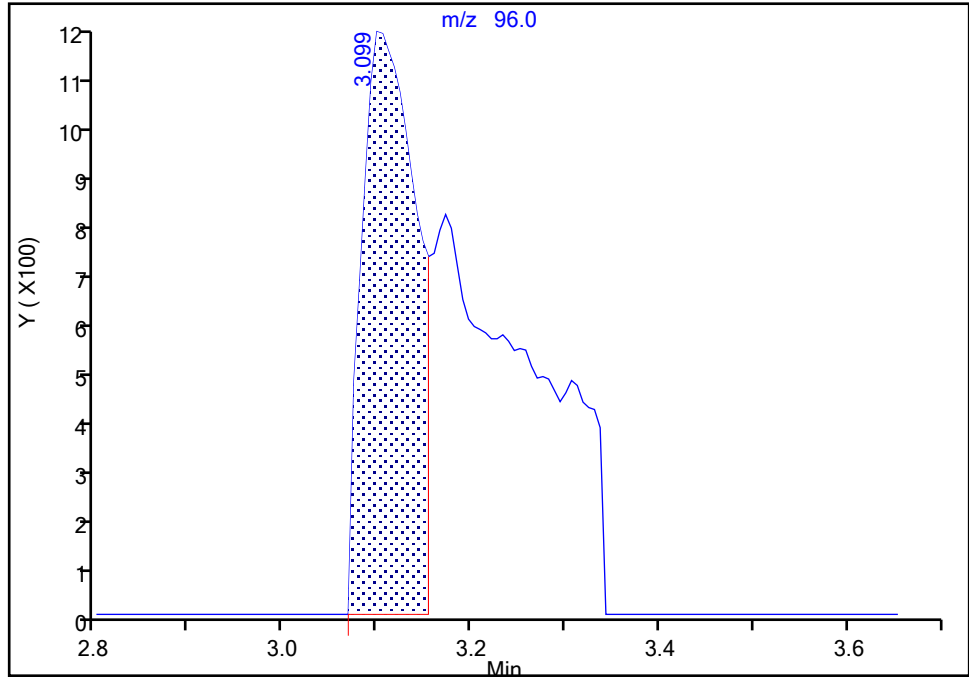
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

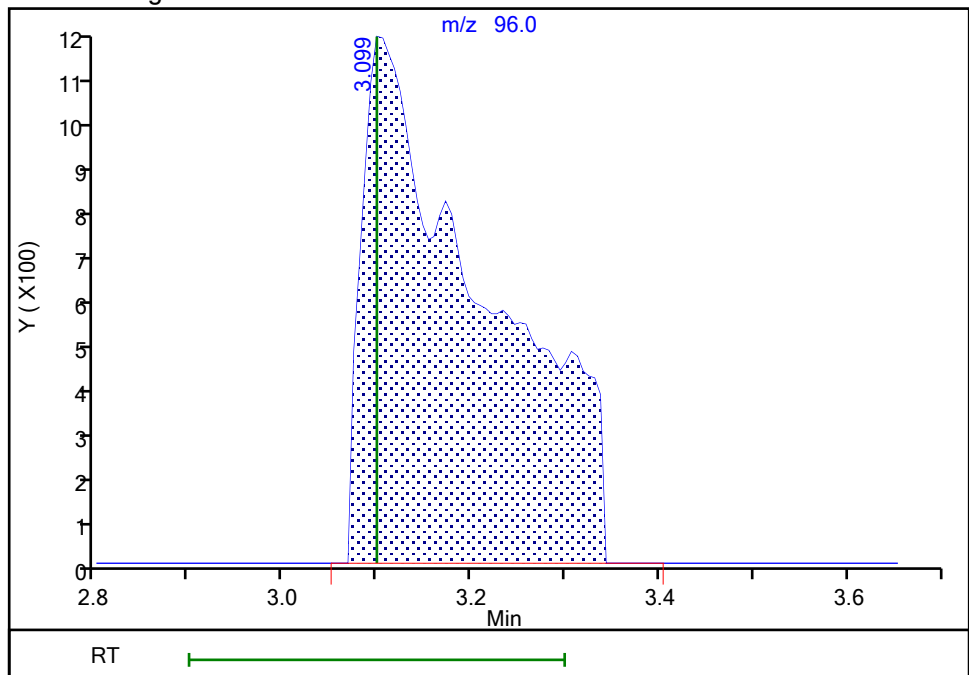
RT: 3.10
Area: 4757
Amount: 1.028896
Amount Units: ug/L

Processing Integration Results



RT: 3.10
Area: 10812
Amount: 1.826188
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:08:08
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

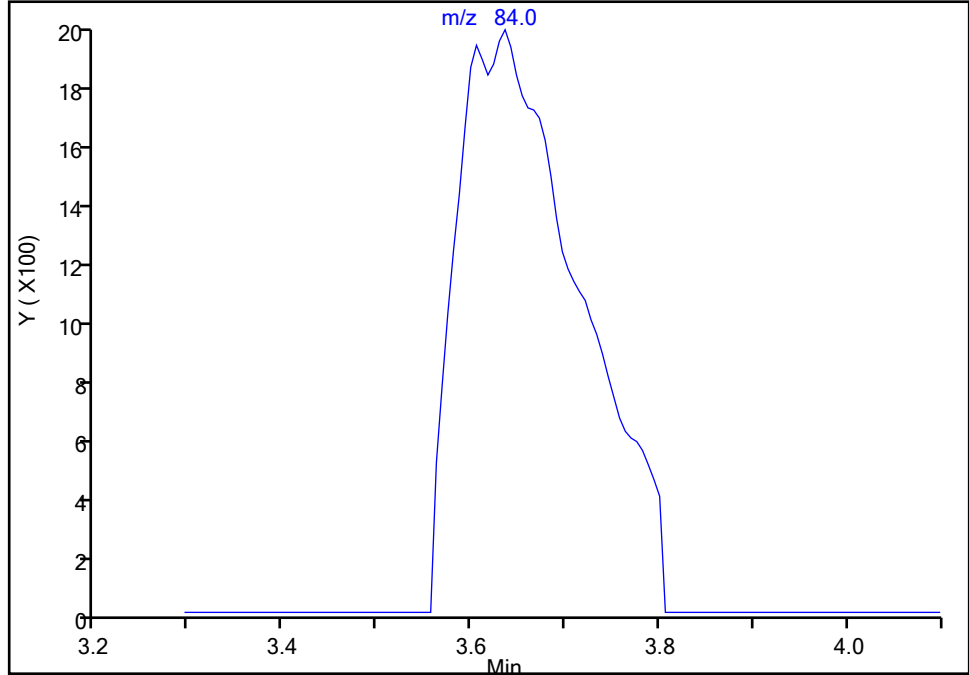
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

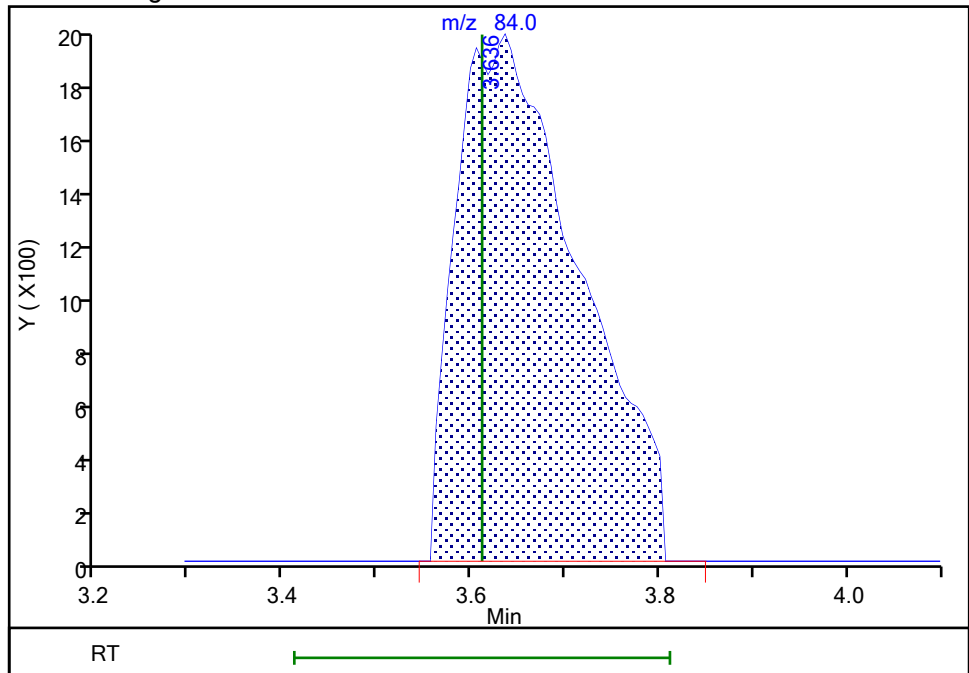
Not Detected
Expected RT: 3.61

Processing Integration Results



RT: 3.64
Area: 18035
Amount: 1.810470
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:08:19
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

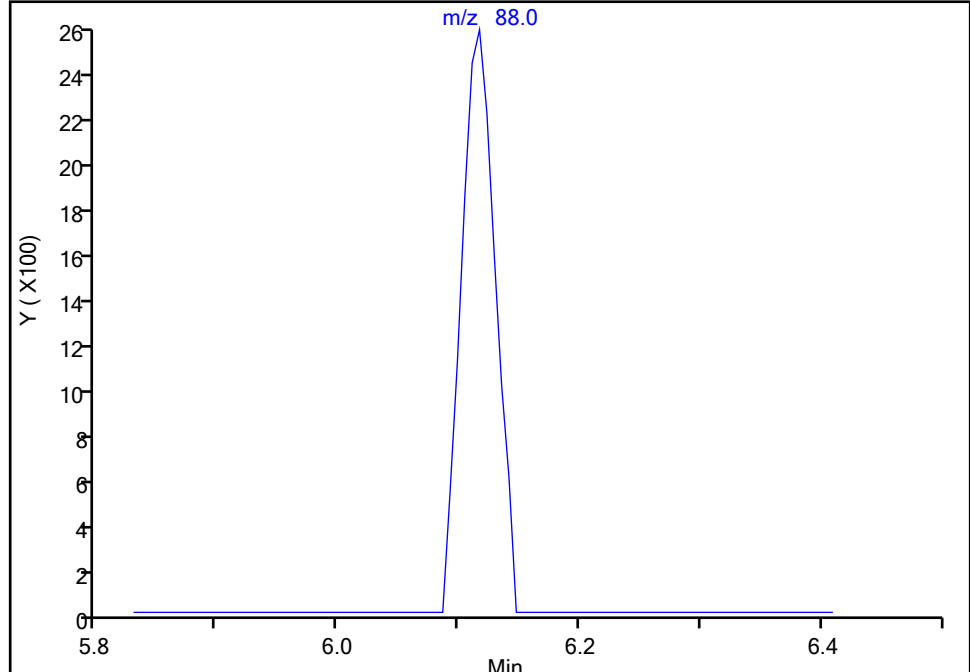
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Injection Date: 25-May-2021 12:15:30 Instrument ID: HP5975D
Lims ID: IC 2
Client ID:
Operator ID: LH ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

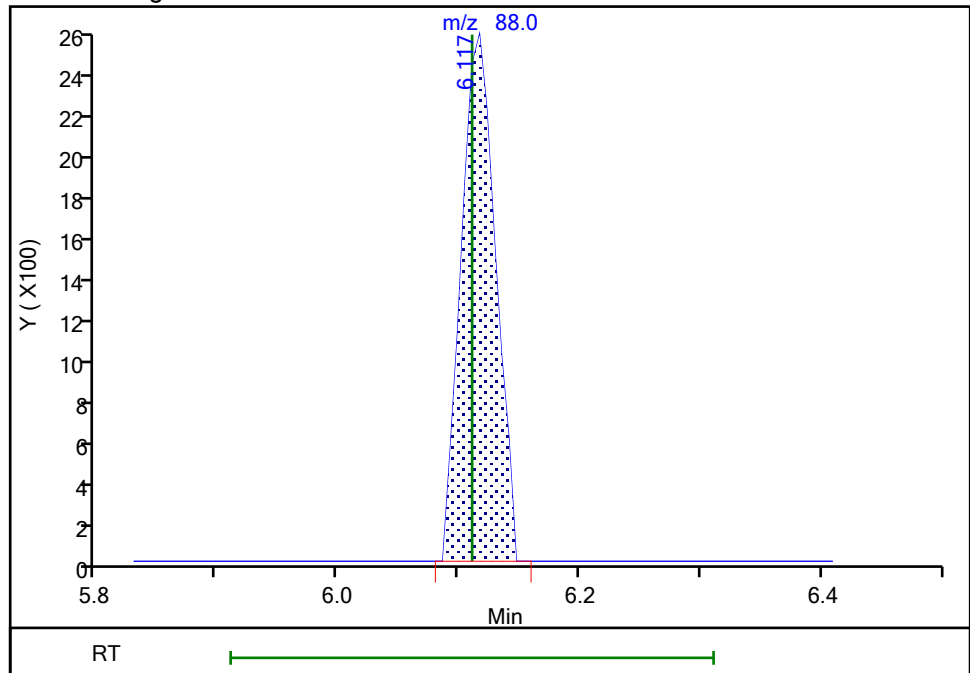
Not Detected
Expected RT: 6.11

Processing Integration Results



RT: 6.12
Area: 4961
Amount: 38.596551
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:08:42
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0625.D
 Lims ID: IC 3
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-May-2021 12:38:30 ALS Bottle#: 10 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 3
 Misc. Info.: 480-0098837-009
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:23 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:12:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.531	0.000	98	153310	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	328256	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	347646	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	94	228355	25.0	25.3	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	138774	25.0	25.1	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	95	757910	25.0	25.0	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	92	266629	25.0	24.9	
10 Dichlorodifluoromethane	85	1.520	1.520	0.000	98	44702	5.00	4.79	M
12 Chloromethane	50	1.727	1.727	0.000	98	63059	5.00	4.80	
13 Vinyl chloride	62	1.843	1.843	0.000	96	53864	5.00	5.15	
144 Butadiene	54	1.874	1.874	0.000	93	35092	5.00	4.90	M
14 Bromomethane	94	2.221	2.221	0.000	92	32991	5.00	5.33	M
15 Chloroethane	64	2.331	2.331	0.000	94	22618	5.00	4.71	M
17 Trichlorofluoromethane	101	2.556	2.556	0.000	97	54001	5.00	4.98	
16 Dichlorofluoromethane	67	2.569	2.569	0.000	96	68060	5.00	4.70	M
18 Ethyl ether	59	2.855	2.855	0.000	98	36676	5.00	5.28	
20 Acrolein	56	3.038	3.038	0.000	98	15839	25.0	25.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.081	3.081	0.000	91	30909	5.00	4.64	M
22 1,1-Dichloroethene	96	3.105	3.105	0.000	93	33145	5.00	4.98	M
23 Acetone	43	3.190	3.190	0.000	98	97791	25.0	26.1	
25 Iodomethane	142	3.276	3.276	0.000	99	61186	5.00	5.01	
26 Carbon disulfide	76	3.294	3.294	0.000	100	92121	5.00	4.88	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	89	61008	5.00	4.66	
27 Methyl acetate	43	3.471	3.471	0.000	100	94867	10.0	9.92	
30 Methylene Chloride	84	3.611	3.611	0.000	96	45366	5.00	5.10	
31 2-Methyl-2-propanol	59	3.715	3.715	0.000	100	60095	50.0	53.4	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	96	66850	5.00	5.23	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	36319	5.00	5.06	
33 Acrylonitrile	53	3.831	3.831	0.000	98	229538	50.0	50.1	
35 Hexane	57	3.959	3.959	0.000	95	63724	5.00	4.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	97	81521	5.00	5.12	
37 Vinyl acetate	43	4.196	4.196	0.000	97	249229	10.0	9.64	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	90	25948	5.00	5.48	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	85	44915	5.00	4.91	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	163176	25.0	25.0	
48 Chlorobromomethane	128	4.855	4.855	0.000	95	26017	5.00	5.05	
49 Tetrahydrofuran	42	4.873	4.873	0.000	91	42544	10.0	10.0	
50 Chloroform	83	4.910	4.910	0.000	95	79525	5.00	5.07	
51 1,1,1-Trichloroethane	97	5.019	5.019	0.000	98	53531	5.00	5.44	
52 Cyclohexane	56	5.032	5.032	0.000	97	49727	5.00	5.08	
55 Carbon tetrachloride	117	5.141	5.141	0.000	96	50980	5.00	5.08	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	92	56758	5.00	5.12	
53 Isobutyl alcohol	43	5.282	5.282	0.000	92	88186	125.0	123.0	
57 Benzene	78	5.318	5.318	0.000	98	158973	5.00	5.00	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	72899	5.00	5.03	
59 n-Heptane	43	5.440	5.440	0.000	98	78678	5.00	4.82	
62 Trichloroethene	95	5.812	5.812	0.000	97	45784	5.00	5.13	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	56956	5.00	5.26	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	92	48257	5.00	5.00	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	13340	100.0	106.4	M
67 Dibromomethane	93	6.123	6.123	0.000	96	33027	5.00	5.08	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	61015	5.00	4.95	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	33590	5.00	4.83	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	91	71699	5.00	4.95	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	325965	25.0	24.8	
74 Toluene	92	6.800	6.800	0.000	97	104132	5.00	5.04	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	67816	5.00	4.91	
75 Ethyl methacrylate	69	7.007	7.007	0.000	93	60589	5.00	4.97	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	94	36394	5.00	4.95	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	49645	5.00	5.16	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	69731	5.00	4.89	
80 2-Hexanone	43	7.312	7.312	0.000	99	240450	25.0	24.8	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	51921	5.00	4.91	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	48515	5.00	4.92	
87 Chlorobenzene	112	7.940	7.940	0.000	96	121905	5.00	5.00	
88 Ethylbenzene	91	7.988	7.988	0.000	99	196184	5.00	5.04	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	94	46531	5.00	5.03	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	75698	5.00	5.01	
91 o-Xylene	106	8.415	8.415	0.000	98	73064	5.00	4.95	
92 Styrene	104	8.433	8.433	0.000	96	129014	5.00	5.00	
95 Bromoform	173	8.647	8.647	0.000	95	38276	5.00	4.82	
94 Isopropylbenzene	105	8.702	8.702	0.000	97	189651	5.00	5.04	
101 Bromobenzene	156	9.013	9.013	0.000	91	56225	5.00	4.95	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	85	62320	5.00	4.95	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	233087	5.00	5.10	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	73	22761	5.00	4.97	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	89	17870	5.00	5.05	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	49967	5.00	5.15	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	159130	5.00	5.05	
105 4-Chlorotoluene	126	9.238	9.238	0.000	98	51160	5.00	5.06	
106 tert-Butylbenzene	134	9.464	9.464	0.000	94	32507	5.00	5.11	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	95	165406	5.00	5.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.640	9.640	0.000	95	203606	5.00	5.01	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	181978	5.00	5.06	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	102807	5.00	4.97	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	97	106611	5.00	5.01	
115 n-Butylbenzene	91	10.110	10.110	0.000	99	166953	5.00	4.96	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	100454	5.00	4.95	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	85	13037	5.00	4.89	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	94	81908	5.00	5.01	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	38998	5.00	4.87	
121 Naphthalene	128	11.725	11.725	0.000	97	204575	5.00	4.94	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	95	79298	5.00	4.94	
S 124 Xylenes, Total	1				0			9.96	
S 125 1,2-Dichloroethene, Total	1				0			9.97	
S 126 1,3-Dichloropropene, Total	1				0			9.85	
S 123 Total BTEX	1				0			25.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00208

Amount Added: 5.00

Units: uL

GAS CORP mix_00456

Amount Added: 5.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0625.D

Injection Date: 25-May-2021 12:38:30

Instrument ID: HP5975D

Lims ID: IC 3

Operator ID: LH

Client ID:

Worklist Smp#: 9

Purge Vol: 5.000 mL

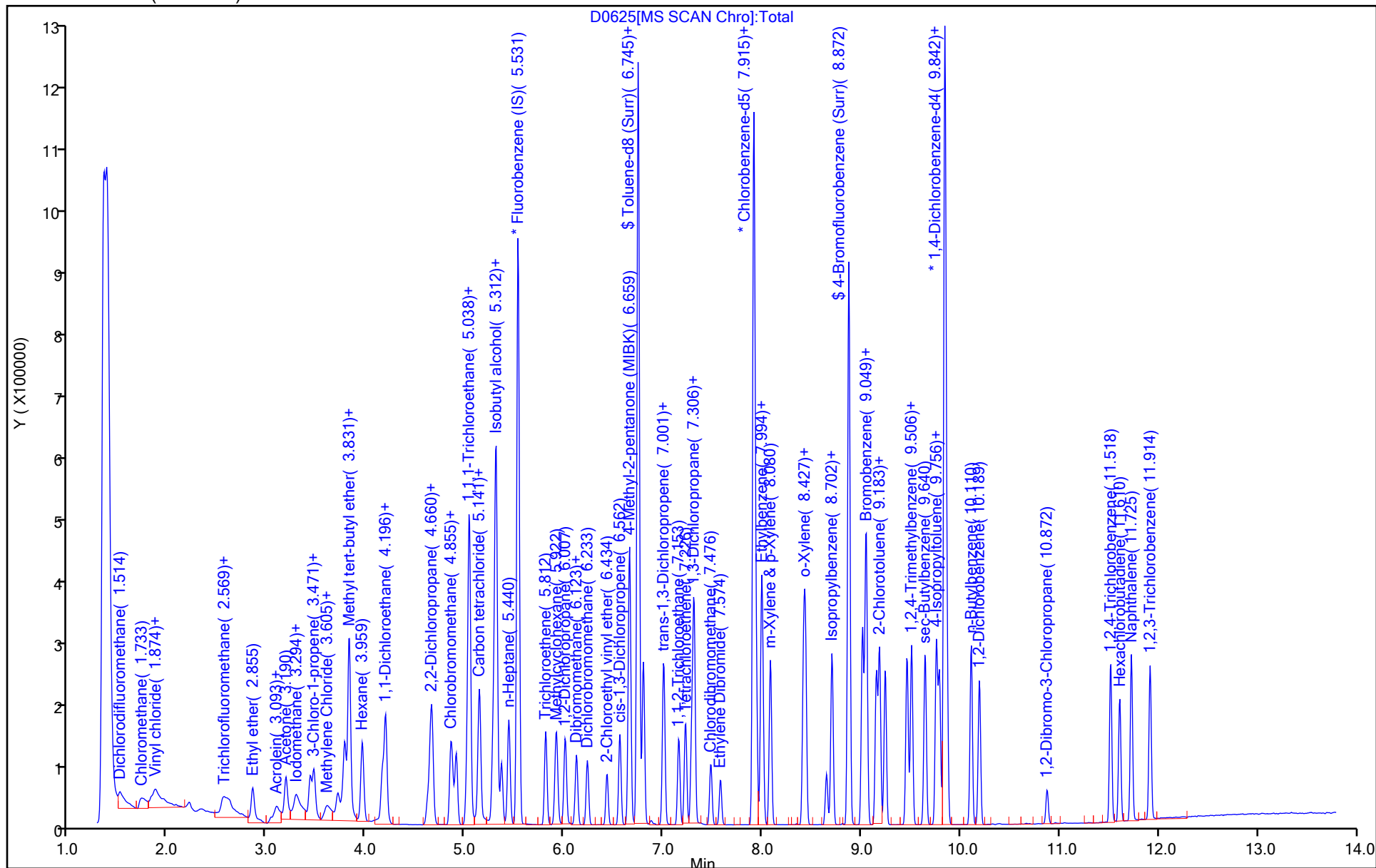
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

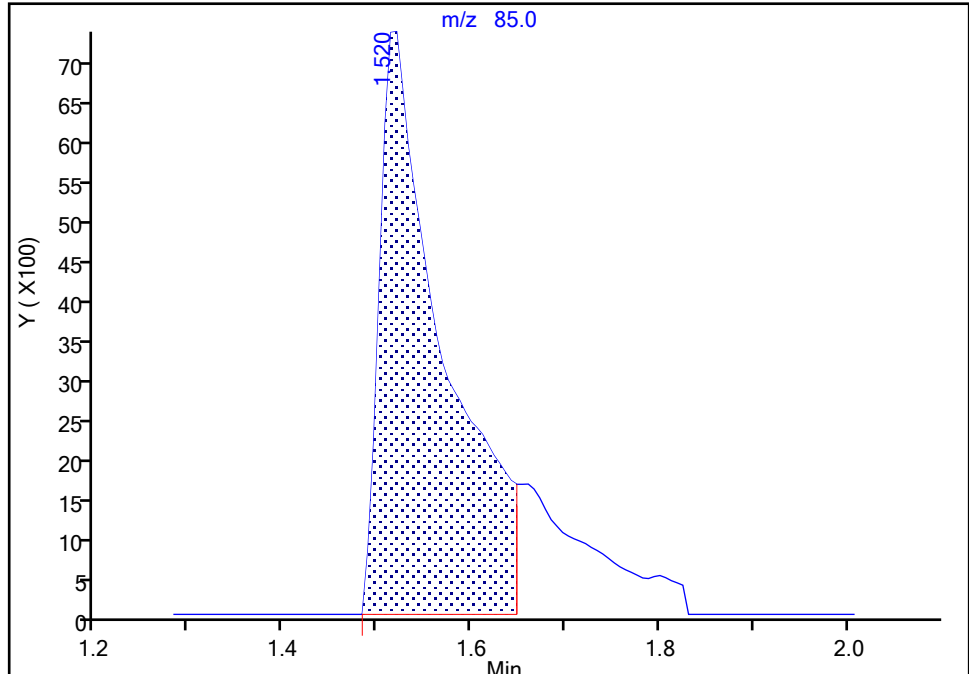
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Injection Date: 25-May-2021 12:38:30 Instrument ID: HP5975D
Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

10 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

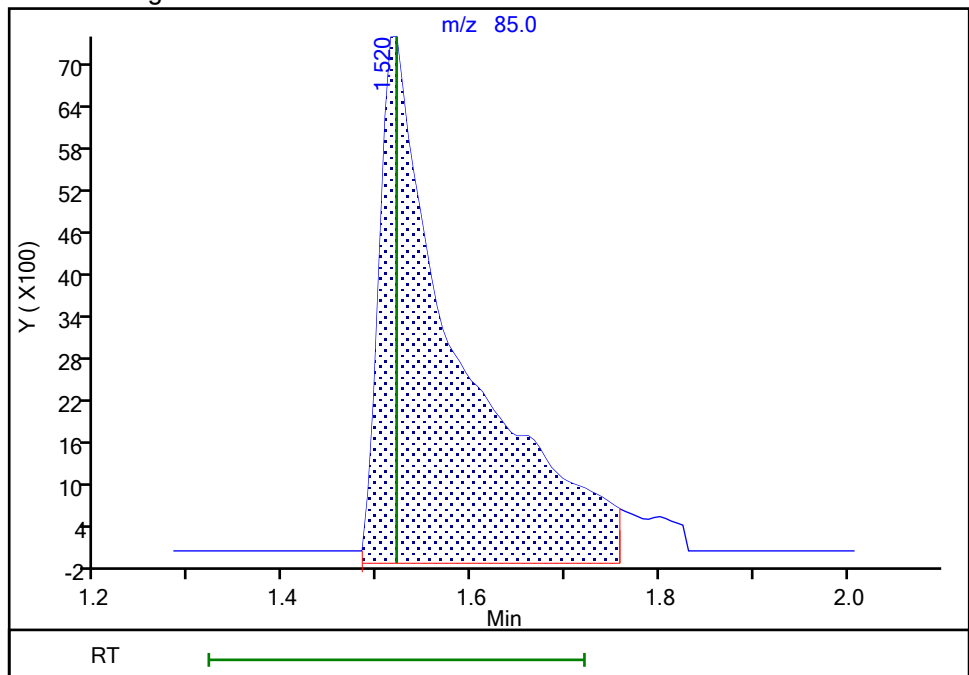
RT: 1.52
Area: 34758
Amount: 3.817515
Amount Units: ug/L

Processing Integration Results



RT: 1.52
Area: 44702
Amount: 4.787565
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:09:29
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

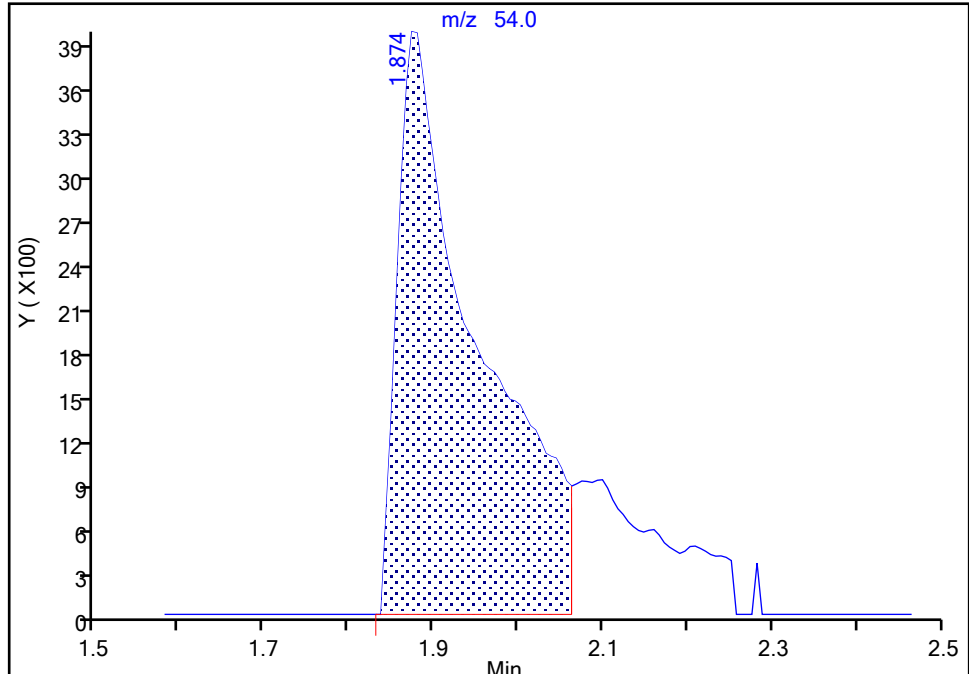
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Injection Date: 25-May-2021 12:38:30 Instrument ID: HP5975D
Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

144 Butadiene, CAS: 106-99-0

Signal: 1

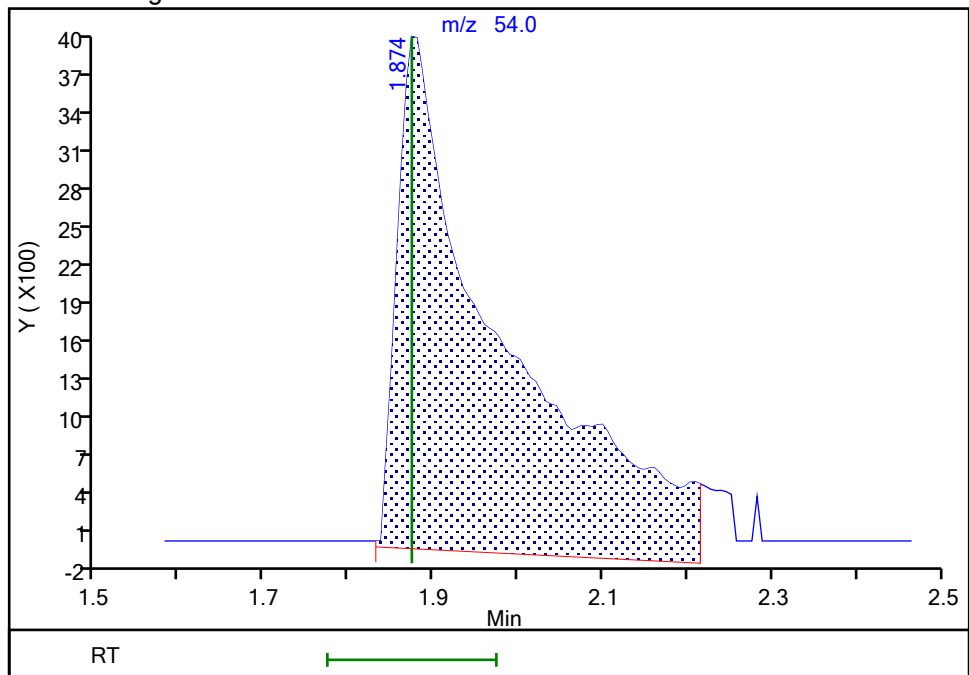
RT: 1.87
Area: 26557
Amount: 3.771626
Amount Units: ug/L

Processing Integration Results



RT: 1.87
Area: 35092
Amount: 4.900578
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:09:55
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

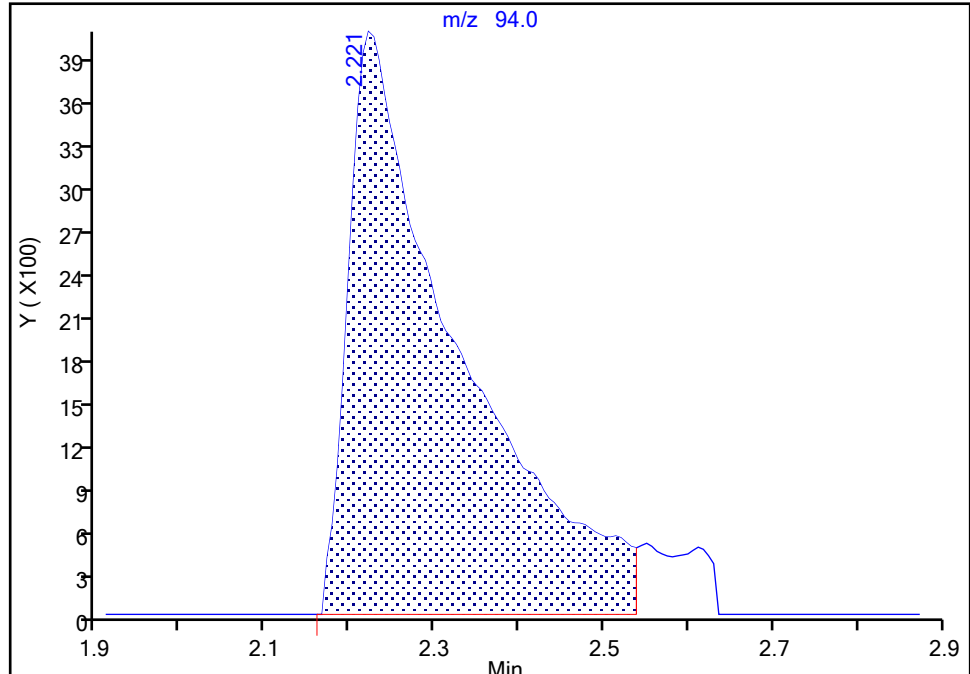
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Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

14 Bromomethane, CAS: 74-83-9

Signal: 1

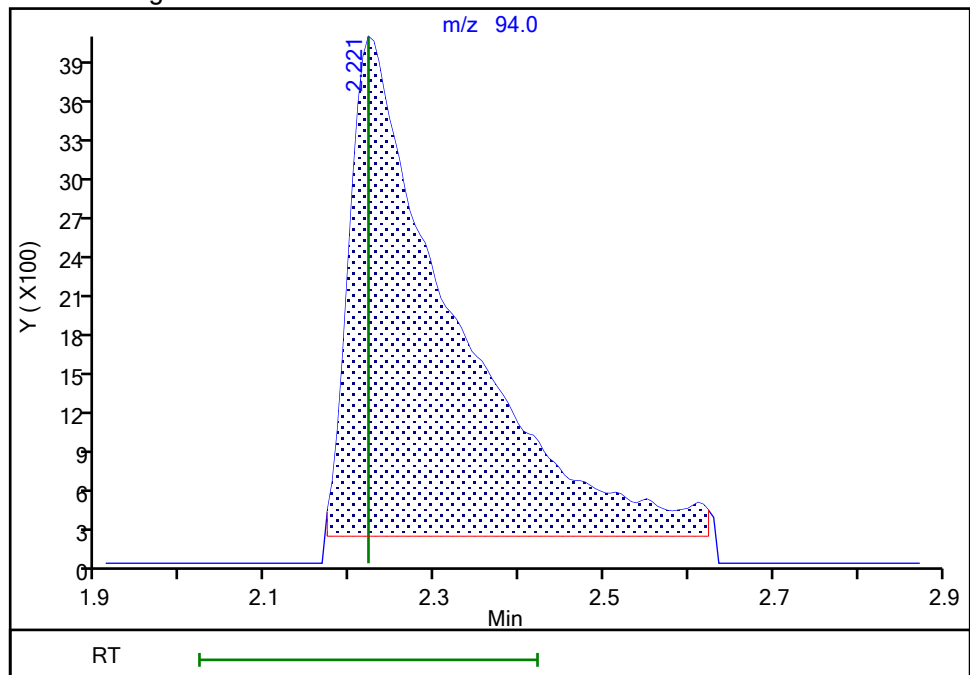
RT: 2.22
Area: 36440
Amount: 6.039007
Amount Units: ug/L

Processing Integration Results



RT: 2.22
Area: 32991
Amount: 5.329867
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:10:26
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

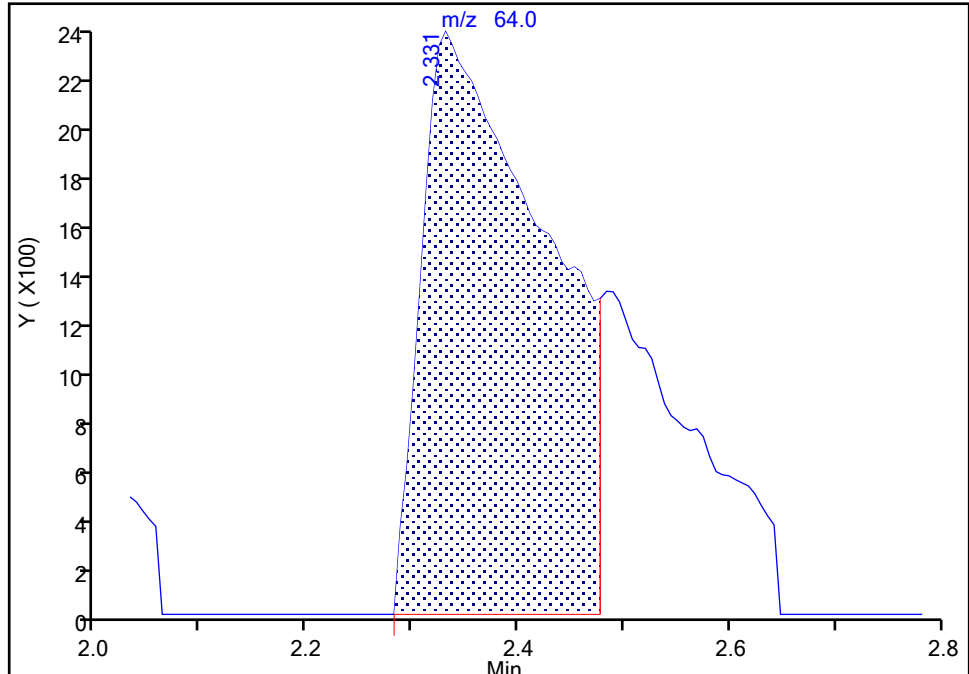
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Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

15 Chloroethane, CAS: 75-00-3

Signal: 1

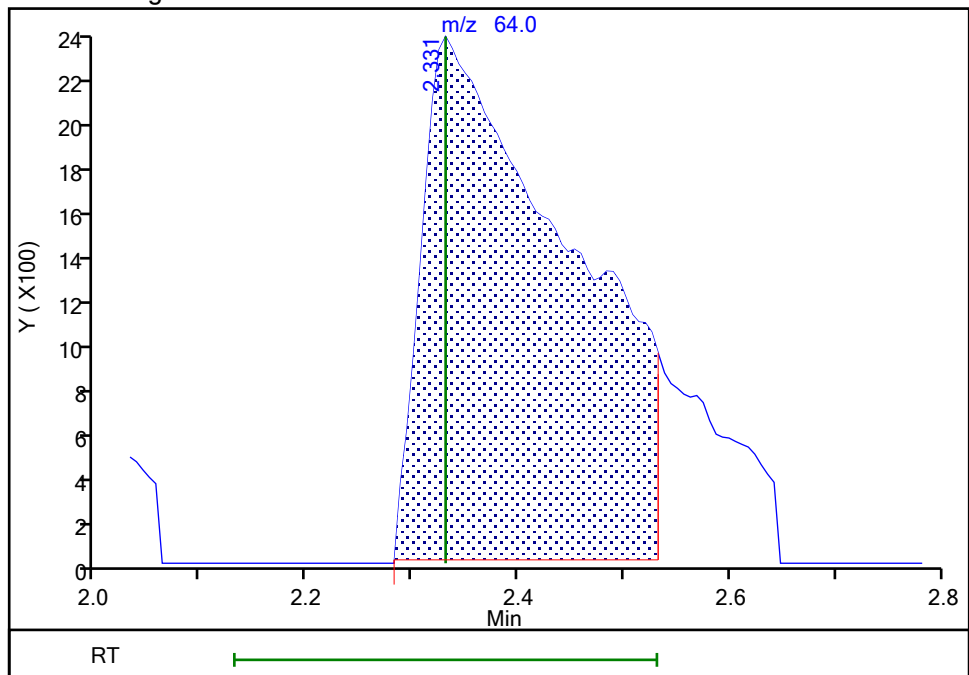
RT: 2.33
Area: 19120
Amount: 4.052290
Amount Units: ug/L

Processing Integration Results



RT: 2.33
Area: 22618
Amount: 4.712467
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:10:38
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

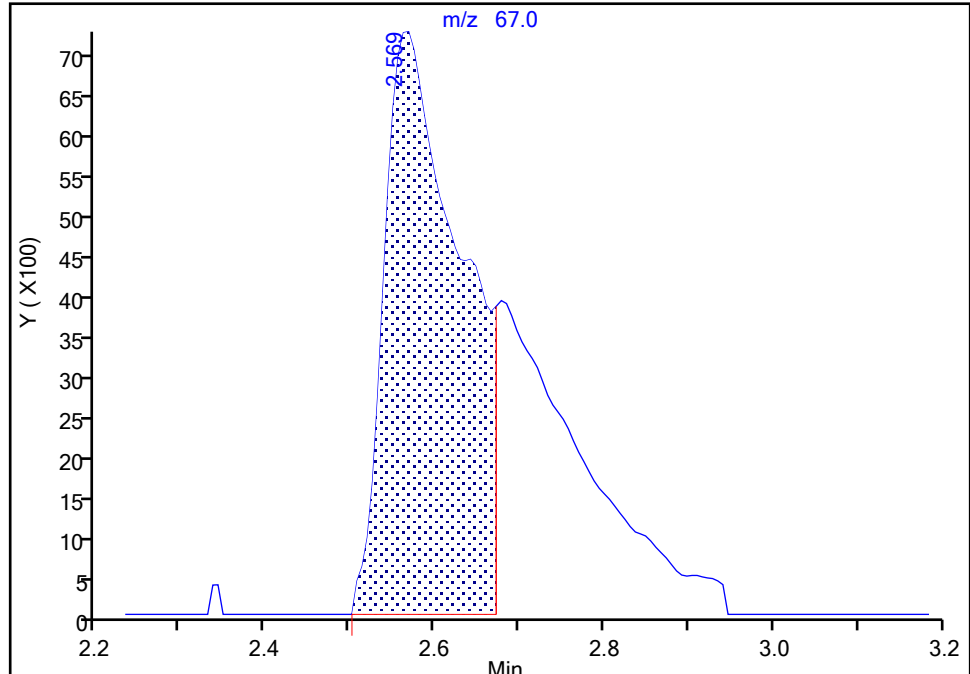
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Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

16 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

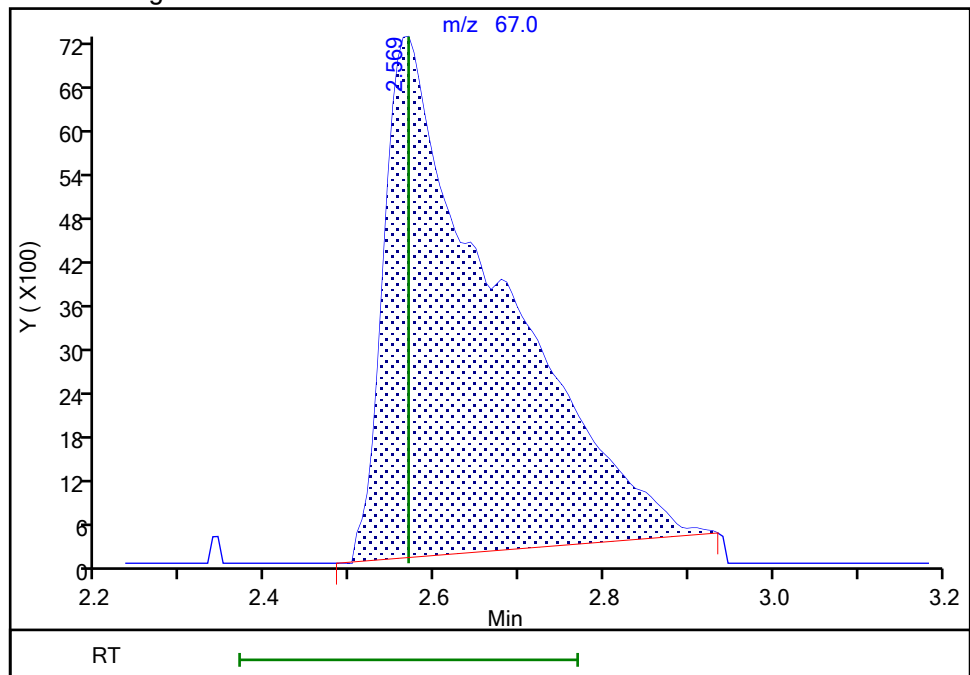
RT: 2.57
Area: 46798
Amount: 3.318847
Amount Units: ug/L

Processing Integration Results



RT: 2.57
Area: 68060
Amount: 4.700473
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:10:52
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

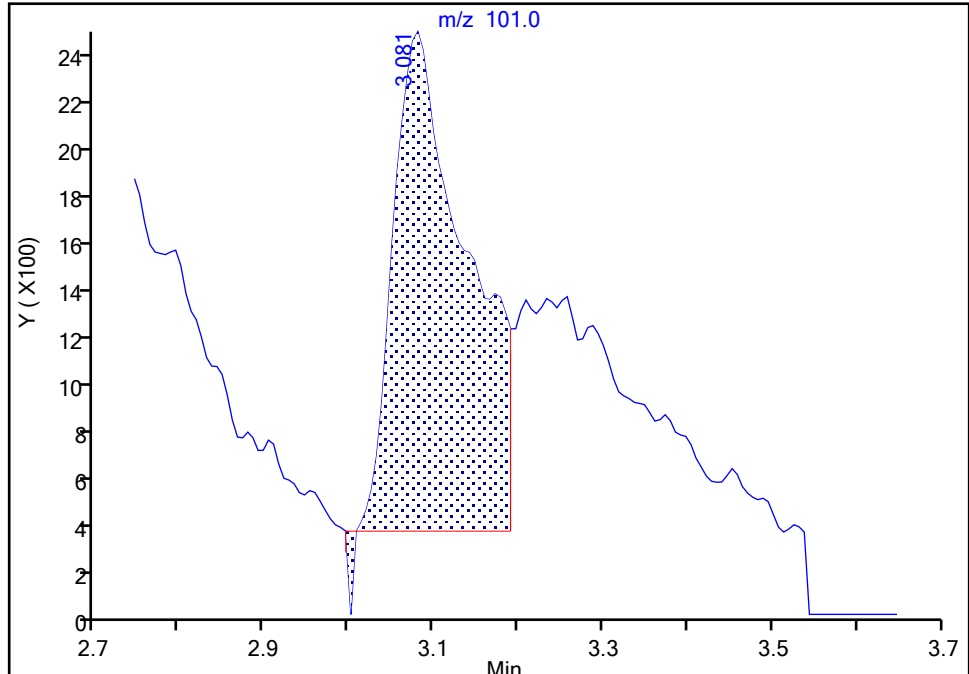
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Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

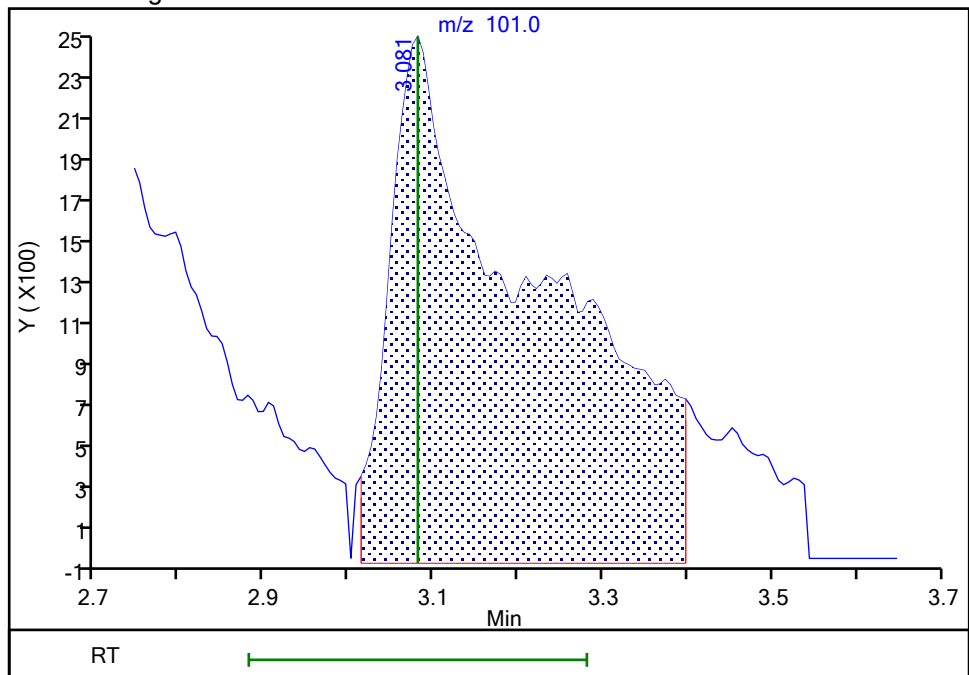
RT: 3.08
Area: 12887
Amount: 2.545579
Amount Units: ug/L

Processing Integration Results



RT: 3.08
Area: 30909
Amount: 4.635410
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:11:15
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

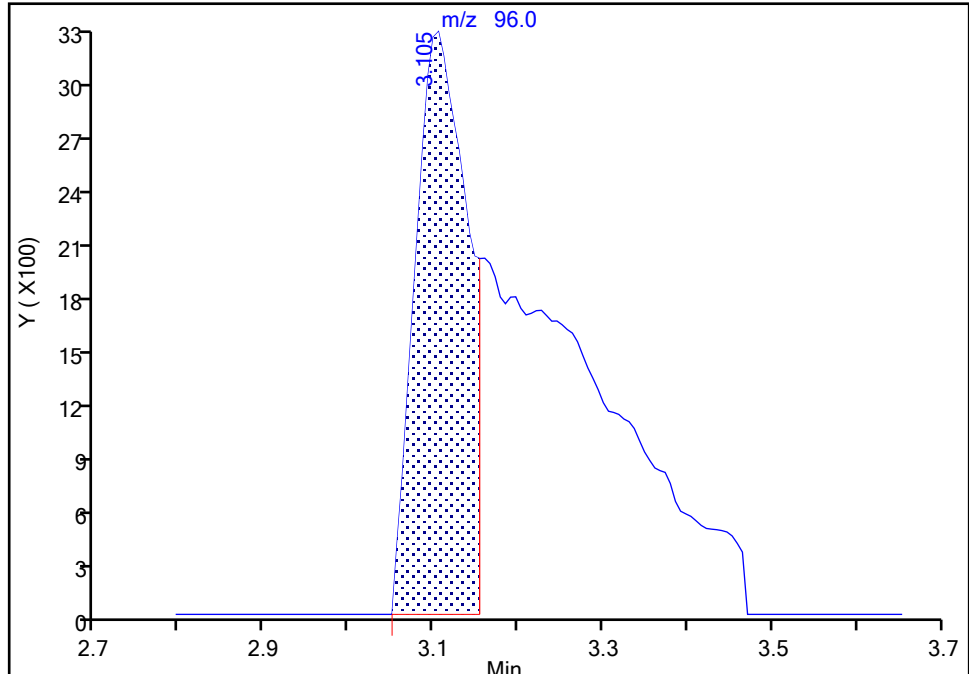
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Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

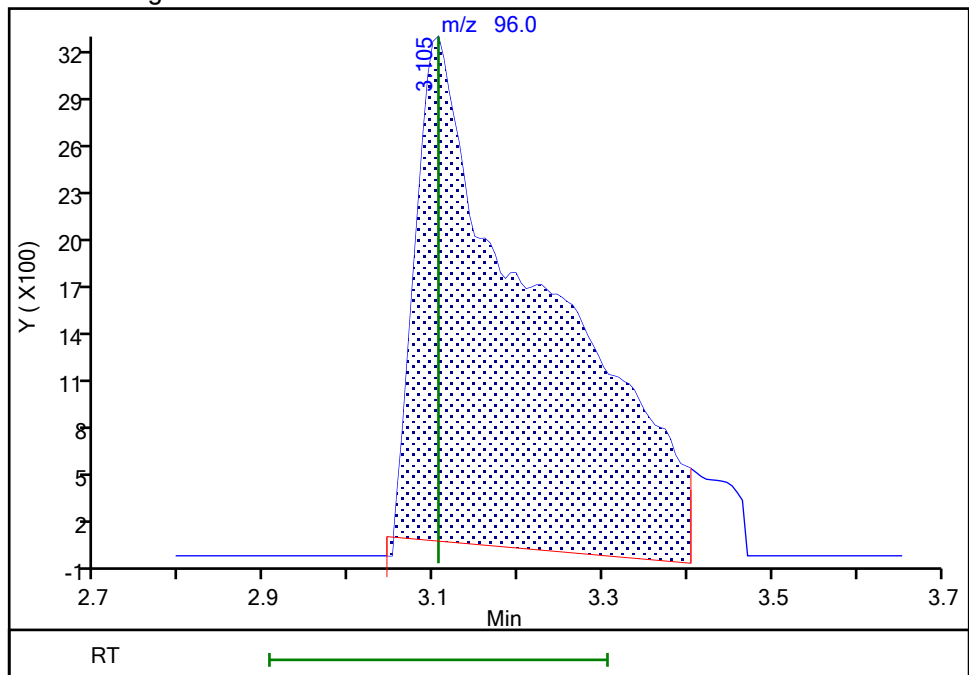
RT: 3.11
Area: 14095
Amount: 2.873861
Amount Units: ug/L

Processing Integration Results



RT: 3.11
Area: 33145
Amount: 4.979365
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:11:43
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

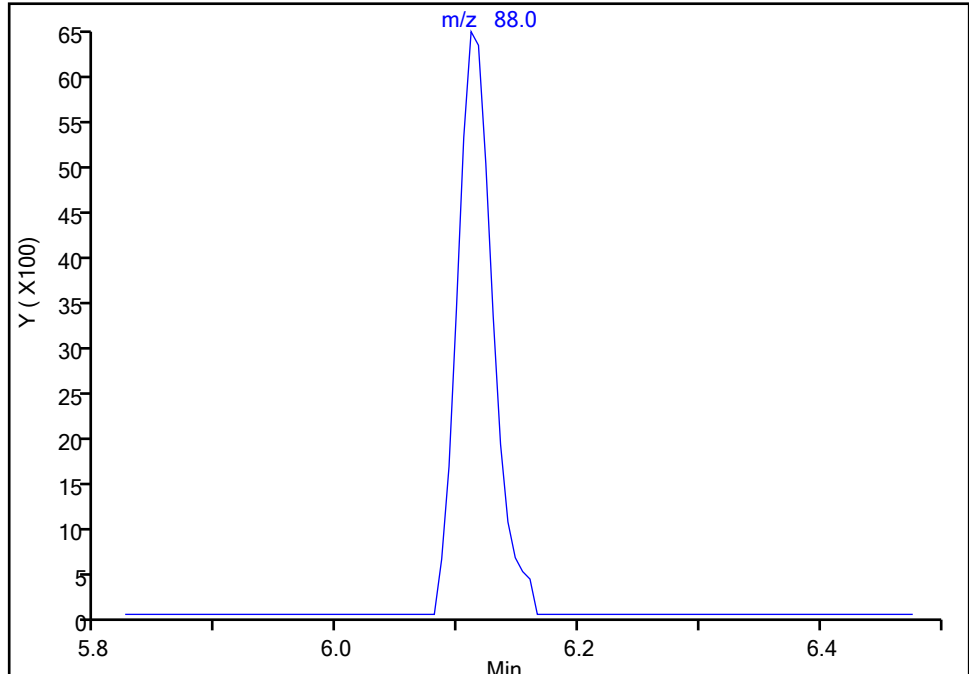
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Injection Date: 25-May-2021 12:38:30 Instrument ID: HP5975D
Lims ID: IC 3
Client ID:
Operator ID: LH ALS Bottle#: 10 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

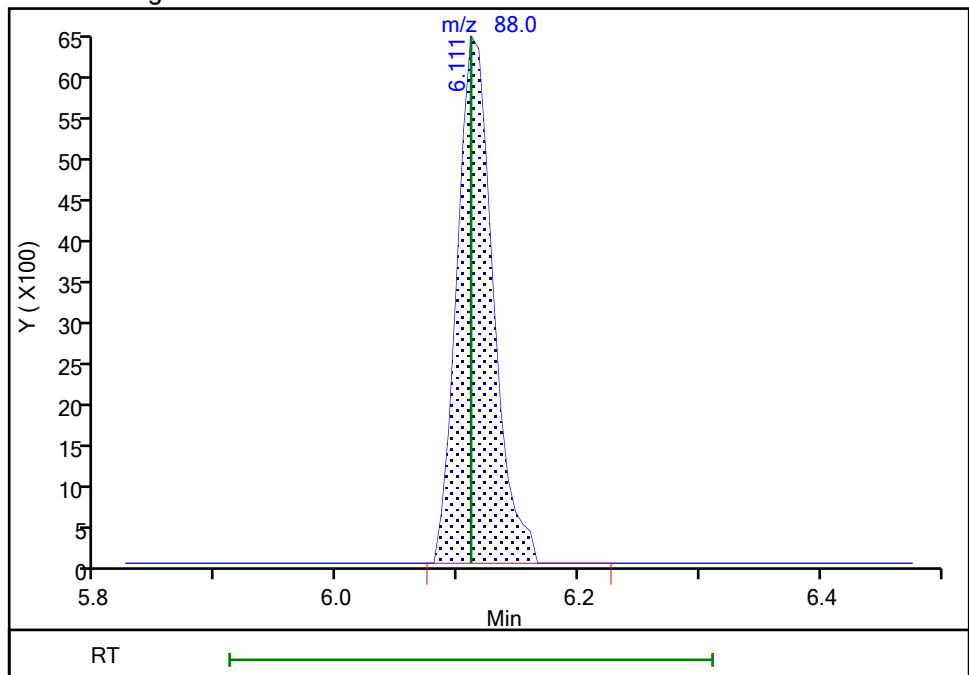
Signal: 1

Not Detected
Expected RT: 6.11

Processing Integration Results



Manual Integration Results



Reviewer: HillL, 25-May-2021 18:12:07
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0626.D
 Lims ID: IC 4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-May-2021 13:01:30 ALS Bottle#: 11 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 4
 Misc. Info.: 480-0098837-010
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:26 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:13:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.531	0.001	98	150226	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	319708	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	343254	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.038	5.044	-0.006	94	222397	25.0	25.2	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	100	136628	25.0	25.2	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	742513	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	92	260998	25.0	25.1	
10 Dichlorodifluoromethane	85	1.508	1.520	-0.012	99	98424	10.0	10.4	
12 Chloromethane	50	1.721	1.727	-0.006	99	130031	10.0	10.1	
13 Vinyl chloride	62	1.831	1.843	-0.012	98	111002	10.0	10.8	
144 Butadiene	54	1.868	1.874	-0.006	91	75907	10.0	10.8	
14 Bromomethane	94	2.209	2.221	-0.012	92	64522	10.0	10.6	
15 Chloroethane	64	2.331	2.331	0.000	95	53956	10.0	11.5	
17 Trichlorofluoromethane	101	2.551	2.556	-0.005	96	115852	10.0	10.9	
16 Dichlorofluoromethane	67	2.557	2.569	-0.012	97	143029	10.0	10.1	
18 Ethyl ether	59	2.849	2.855	-0.006	99	70451	10.0	10.4	
20 Acrolein	56	3.032	3.038	-0.006	98	29761	50.0	49.7	
21 1,1,2-Trichloro-1,2,2-trifluoro	101	3.075	3.081	-0.006	92	72928	10.0	10.0	
22 1,1-Dichloroethene	96	3.099	3.105	-0.006	94	70552	10.0	10.4	M
23 Acetone	43	3.185	3.190	-0.005	98	174896	50.0	47.6	
25 Iodomethane	142	3.270	3.276	-0.006	99	127113	10.0	10.6	
26 Carbon disulfide	76	3.294	3.294	0.000	100	195696	10.0	10.6	
28 3-Chloro-1-propene	41	3.435	3.434	0.000	88	116596	10.0	9.09	
27 Methyl acetate	43	3.465	3.471	-0.006	100	176560	20.0	18.8	
30 Methylene Chloride	84	3.605	3.611	-0.006	97	85282	10.0	10.0	
31 2-Methyl-2-propanol	59	3.709	3.715	-0.006	100	111322	100.0	100.9	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	95	134064	10.0	10.7	
34 trans-1,2-Dichloroethene	96	3.782	3.788	-0.006	93	67614	10.0	9.61	
33 Acrylonitrile	53	3.825	3.831	-0.006	98	435820	100.0	97.1	
35 Hexane	57	3.959	3.959	0.000	95	127414	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.160	4.166	-0.006	97	155069	10.0	9.95	
37 Vinyl acetate	43	4.190	4.196	-0.006	97	493532	20.0	19.5	
44 2,2-Dichloropropane	77	4.617	4.623	-0.006	90	48487	10.0	10.5	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	84	87303	10.0	9.74	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	308878	50.0	48.4	
48 Chlorobromomethane	128	4.849	4.855	-0.006	96	50289	10.0	9.97	
49 Tetrahydrofuran	42	4.867	4.873	-0.006	90	78942	20.0	19.0	
50 Chloroform	83	4.910	4.910	0.000	96	150141	10.0	9.77	
51 1,1,1-Trichloroethane	97	5.020	5.019	0.001	98	105056	10.0	10.9	
52 Cyclohexane	56	5.032	5.032	0.000	94	100730	10.0	10.5	
55 Carbon tetrachloride	117	5.135	5.141	-0.006	97	108359	10.0	11.0	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	92	107377	10.0	9.88	
53 Isobutyl alcohol	43	5.282	5.282	0.000	92	168207	250.0	239.4	
57 Benzene	78	5.318	5.318	0.000	98	306894	10.0	9.86	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	97	135495	10.0	9.53	
59 n-Heptane	43	5.440	5.440	0.000	97	157053	10.0	9.81	
62 Trichloroethene	95	5.812	5.812	0.000	96	85481	10.0	9.77	
64 Methylcyclohexane	83	5.916	5.922	-0.006	97	111059	10.0	10.5	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	93	92526	10.0	9.78	
66 1,4-Dioxane	88	6.111	6.111	0.000	0	23978	200.0	196.4	M
67 Dibromomethane	93	6.123	6.123	0.000	96	61808	10.0	9.69	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	117552	10.0	9.73	
69 2-Chloroethyl vinyl ether	63	6.428	6.434	-0.006	93	66358	10.0	9.73	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	91	138268	10.0	9.74	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	629867	50.0	49.3	
74 Toluene	92	6.800	6.800	0.000	97	197028	10.0	9.78	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	134534	10.0	10.0	
75 Ethyl methacrylate	69	7.007	7.007	0.000	94	116688	10.0	9.82	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	94	69269	10.0	9.67	
81 Tetrachloroethene	166	7.226	7.226	0.000	96	93642	10.0	9.99	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	135178	10.0	9.73	
80 2-Hexanone	43	7.312	7.312	0.000	99	459438	50.0	48.7	
83 Chlorodibromomethane	129	7.483	7.482	0.000	91	101349	10.0	9.85	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	94022	10.0	9.79	
87 Chlorobenzene	112	7.940	7.940	0.000	96	228994	10.0	9.65	
88 Ethylbenzene	91	7.989	7.988	0.000	99	372132	10.0	9.82	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	95	89110	10.0	9.88	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	145396	10.0	9.88	
91 o-Xylene	106	8.415	8.415	0.000	95	142884	10.0	9.95	
92 Styrene	104	8.434	8.433	0.001	95	248291	10.0	9.88	
95 Bromoform	173	8.647	8.647	0.000	96	76576	10.0	9.90	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	363831	10.0	9.79	
101 Bromobenzene	156	9.013	9.013	0.000	90	110412	10.0	9.85	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	86	120630	10.0	9.70	
99 N-Propylbenzene	91	9.043	9.043	0.000	99	451663	10.0	10.0	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	73	44571	10.0	9.86	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	34246	10.0	9.79	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	96164	10.0	10.0	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	310996	10.0	10.0	
105 4-Chlorotoluene	126	9.238	9.238	0.000	98	98712	10.0	9.89	
106 tert-Butylbenzene	134	9.464	9.464	0.000	94	63481	10.0	10.1	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	96	320618	10.0	9.90	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.641	9.640	0.001	95	400921	10.0	9.98	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	359672	10.0	10.1	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	201600	10.0	9.88	
113 1,4-Dichlorobenzene	146	9.866	9.860	0.006	96	207583	10.0	9.88	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	331168	10.0	9.97	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	198540	10.0	9.90	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	85	25930	10.0	9.84	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	94	161257	10.0	10.0	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	98	78315	10.0	9.90	
121 Naphthalene	128	11.726	11.725	0.001	97	400407	10.0	9.78	
122 1,2,3-Trichlorobenzene	180	11.915	11.914	0.001	95	154561	10.0	9.76	
S 124 Xylenes, Total	1				0			19.8	
S 125 1,2-Dichloroethene, Total	1				0			19.4	
S 126 1,3-Dichloropropene, Total	1				0			19.7	
S 123 Total BTEX	1				0			49.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00208

Amount Added: 5.00

Units: uL

GAS CORP mix_00456

Amount Added: 5.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0626.D

Injection Date: 25-May-2021 13:01:30

Instrument ID: HP5975D

Lims ID: IC 4

Client ID:

Operator ID: LH

Worklist Smp#: 10

Purge Vol: 5.000 mL

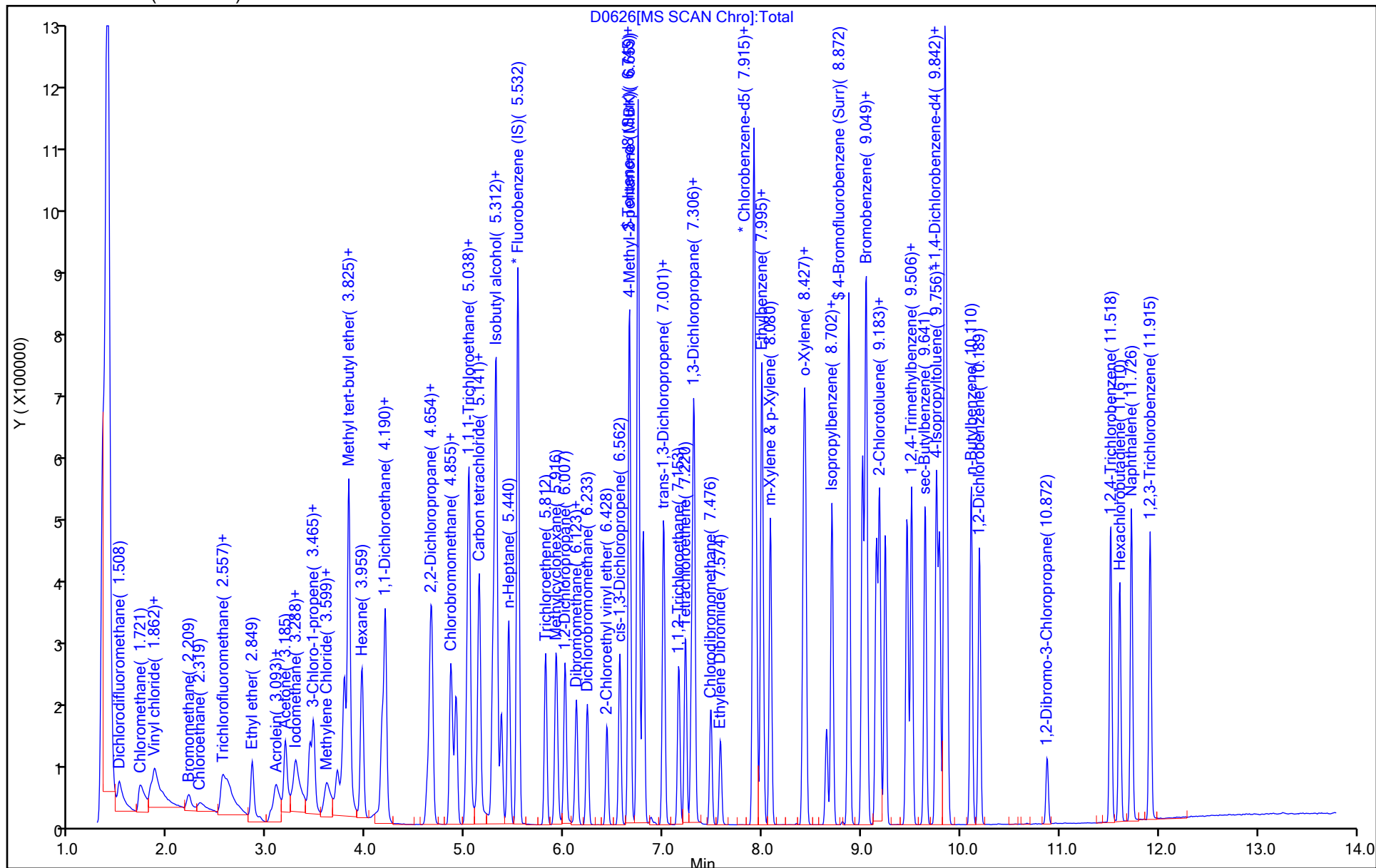
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

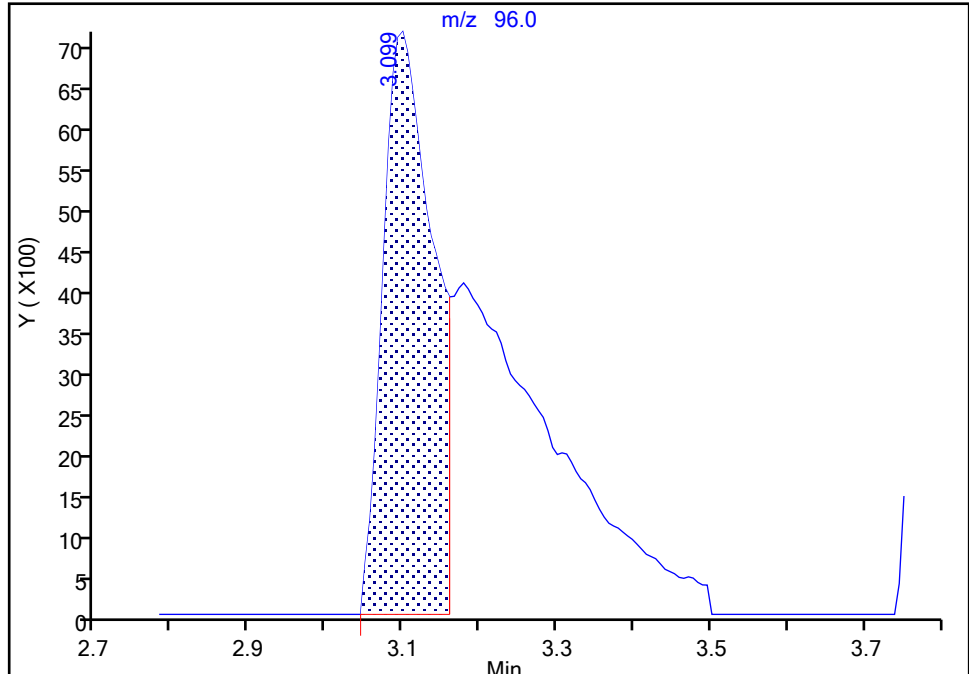
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Injection Date: 25-May-2021 13:01:30 Instrument ID: HP5975D
Lims ID: IC 4
Client ID:
Operator ID: LH ALS Bottle#: 11 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

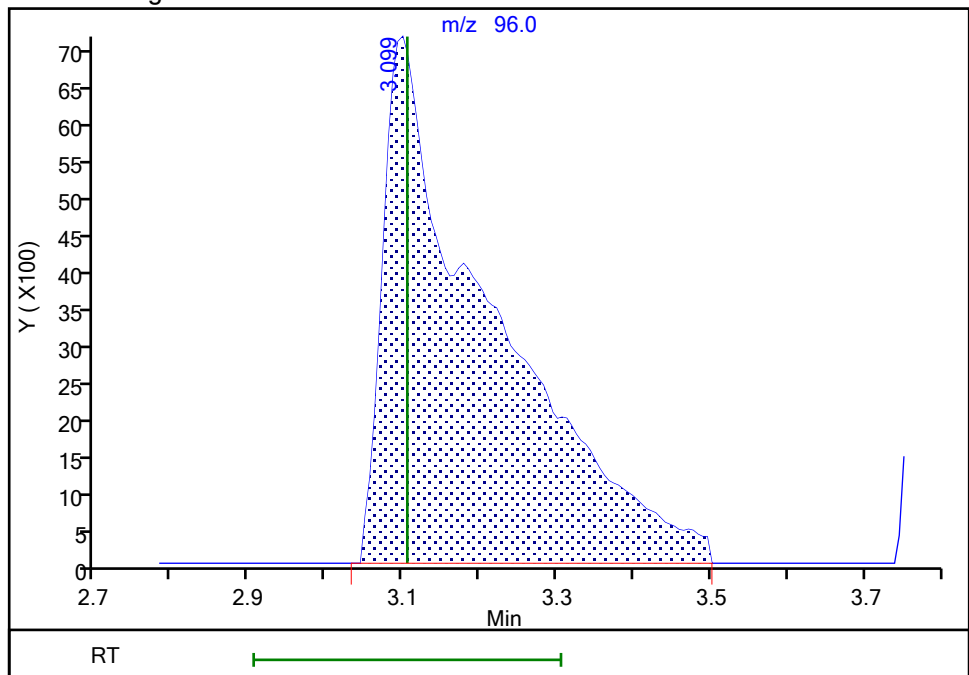
RT: 3.10
Area: 32658
Amount: 6.116615
Amount Units: ug/L

Processing Integration Results



RT: 3.10
Area: 70552
Amount: 10.386950
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:12:52
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo

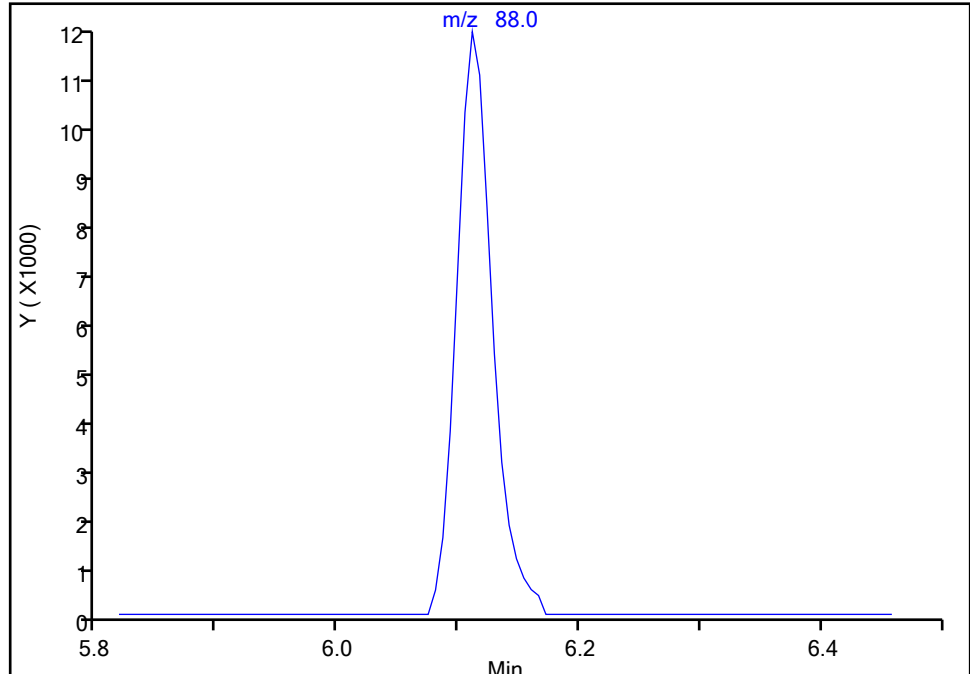
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Injection Date: 25-May-2021 13:01:30 Instrument ID: HP5975D
Lims ID: IC 4
Client ID:
Operator ID: LH ALS Bottle#: 11 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

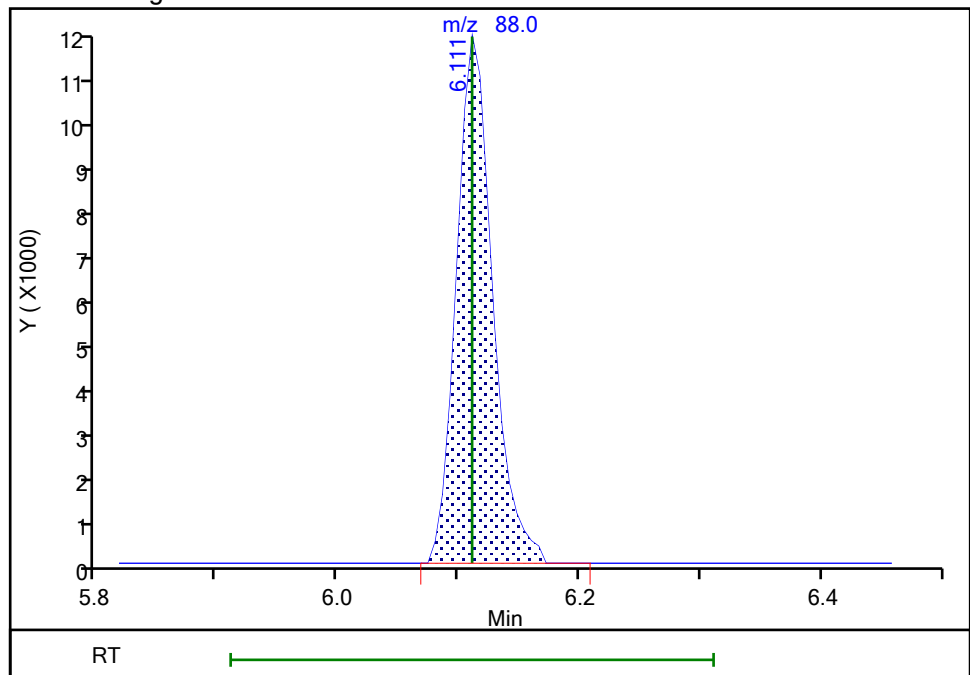
Not Detected
Expected RT: 6.11

Processing Integration Results



RT: 6.11
Area: 23978
Amount: 196.3672
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:13:10
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0627.D
 Lims ID: ICIS 5
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 25-May-2021 13:23:30 ALS Bottle#: 12 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS 5
 Misc. Info.: 480-0098837-011
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:29 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:01:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.531	0.000	98	148958	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	323008	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	342946	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	220333	25.0	25.1	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	100	135860	25.0	25.3	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	739909	25.0	24.8	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	262726	25.0	25.0	
10 Dichlorodifluoromethane	85	1.514	1.514	0.000	99	257111	25.0	26.9	
12 Chloromethane	50	1.727	1.727	0.000	99	304660	25.0	23.9	
13 Vinyl chloride	62	1.837	1.837	0.000	98	279079	25.0	27.4	
144 Butadiene	54	1.874	1.874	0.000	93	189557	25.0	27.2	
14 Bromomethane	94	2.221	2.221	0.000	91	141943	25.0	23.6	
15 Chloroethane	64	2.331	2.331	0.000	98	129197	25.0	27.7	
17 Trichlorofluoromethane	101	2.556	2.556	0.000	97	282631	25.0	26.8	
16 Dichlorofluoromethane	67	2.563	2.563	0.000	97	343931	25.0	24.4	
18 Ethyl ether	59	2.855	2.855	0.000	99	171715	25.0	25.5	
20 Acrolein	56	3.038	3.038	0.000	99	78253	125.0	131.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.081	3.081	0.000	94	202630	25.0	26.7	
22 1,1-Dichloroethene	96	3.099	3.099	0.000	94	172391	25.0	25.1	M
23 Acetone	43	3.190	3.190	0.000	98	439231	125.0	120.7	
25 Iodomethane	142	3.276	3.276	0.000	100	334255	25.0	28.2	
26 Carbon disulfide	76	3.294	3.294	0.000	100	491228	25.0	26.8	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	88	336883	25.0	26.5	
27 Methyl acetate	43	3.471	3.471	0.000	100	480308	50.0	51.7	
30 Methylene Chloride	84	3.611	3.611	0.000	96	218049	25.0	26.2	
31 2-Methyl-2-propanol	59	3.715	3.715	0.000	100	295359	250.0	270.1	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	95	309328	25.0	24.9	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	93	206508	25.0	29.6	
33 Acrylonitrile	53	3.825	3.825	0.000	98	1172964	250.0	263.5	
35 Hexane	57	3.959	3.959	0.000	95	344552	25.0	27.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	97	398870	25.0	25.8	
37 Vinyl acetate	43	4.196	4.196	0.000	97	1300009	50.0	51.7	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	91	114293	25.0	24.8	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	87	228169	25.0	25.7	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	802585	125.0	126.8	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	129236	25.0	25.8	
49 Tetrahydrofuran	42	4.867	4.867	0.000	91	201064	50.0	48.8	
50 Chloroform	83	4.910	4.910	0.000	96	389425	25.0	25.6	
51 1,1,1-Trichloroethane	97	5.019	5.019	0.000	98	246750	25.0	25.8	
52 Cyclohexane	56	5.032	5.032	0.000	96	257019	25.0	27.0	
55 Carbon tetrachloride	117	5.135	5.135	0.000	97	250559	25.0	25.7	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	92	290891	25.0	27.0	
53 Isobutyl alcohol	43	5.282	5.282	0.000	93	441750	625.0	634.0	
57 Benzene	78	5.318	5.318	0.000	97	797170	25.0	25.8	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	97	345852	25.0	24.5	
59 n-Heptane	43	5.440	5.440	0.000	97	427296	25.0	26.9	
62 Trichloroethene	95	5.812	5.812	0.000	96	226921	25.0	26.2	
64 Methylcyclohexane	83	5.922	5.922	0.000	98	296196	25.0	28.1	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	92	241323	25.0	25.7	
66 1,4-Dioxane	88	6.111	6.111	0.000	98	65644	500.0	532.1	
67 Dibromomethane	93	6.123	6.123	0.000	96	159583	25.0	25.2	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	308290	25.0	25.7	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	178672	25.0	26.4	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	91	367410	25.0	26.1	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	1622702	125.0	125.7	
74 Toluene	92	6.800	6.800	0.000	97	515667	25.0	25.3	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	354391	25.0	26.1	
75 Ethyl methacrylate	69	7.007	7.007	0.000	95	308044	25.0	25.7	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	93	182296	25.0	25.2	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	253292	25.0	26.7	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	352759	25.0	25.1	
80 2-Hexanone	43	7.312	7.312	0.000	99	1193632	125.0	125.2	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	267349	25.0	25.7	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	245077	25.0	25.3	
87 Chlorobenzene	112	7.940	7.940	0.000	95	604421	25.0	25.2	
88 Ethylbenzene	91	7.988	7.988	0.000	98	1001478	25.0	26.2	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	95	235849	25.0	25.9	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	387641	25.0	26.1	
91 o-Xylene	106	8.415	8.415	0.000	98	377799	25.0	26.0	
92 Styrene	104	8.433	8.433	0.000	95	662193	25.0	26.1	
95 Bromoform	173	8.647	8.647	0.000	97	204345	25.0	26.1	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	985575	25.0	26.5	
101 Bromobenzene	156	9.013	9.013	0.000	91	287406	25.0	25.7	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	86	316071	25.0	25.4	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	1203294	25.0	26.7	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	74	118450	25.0	26.2	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	88747	25.0	25.4	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	249346	25.0	26.0	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	832135	25.0	26.8	
105 4-Chlorotoluene	126	9.238	9.238	0.000	98	261249	25.0	26.2	
106 tert-Butylbenzene	134	9.464	9.464	0.000	93	172371	25.0	27.5	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	859537	25.0	26.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.640	9.640	0.000	95	1094005	25.0	27.3	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	966667	25.0	27.3	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	530437	25.0	26.0	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	95	541844	25.0	25.8	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	898715	25.0	27.1	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	518782	25.0	25.9	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	86	69475	25.0	26.4	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	427286	25.0	26.5	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	98	216358	25.0	27.4	
121 Naphthalene	128	11.725	11.725	0.000	97	1074332	25.0	26.3	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	95	413492	25.0	26.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00208

Amount Added: 12.50

Units: uL

GAS CORP mix_00456

Amount Added: 12.50

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0627.D

Injection Date: 25-May-2021 13:23:30

Instrument ID: HP5975D

Lims ID: ICIS 5

Operator ID: LH

Client ID:

Worklist Smp#: 11

Purge Vol: 5.000 mL

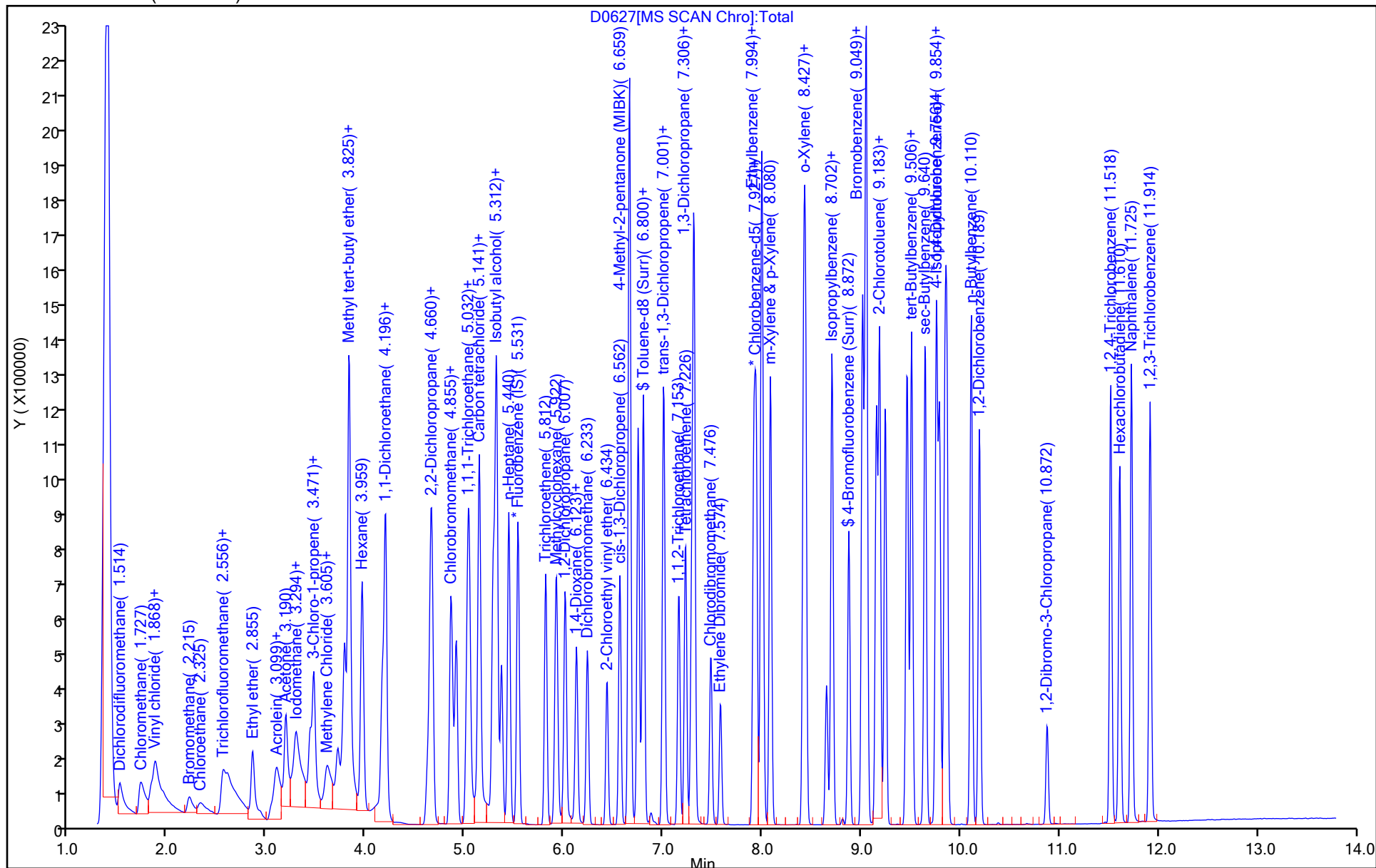
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

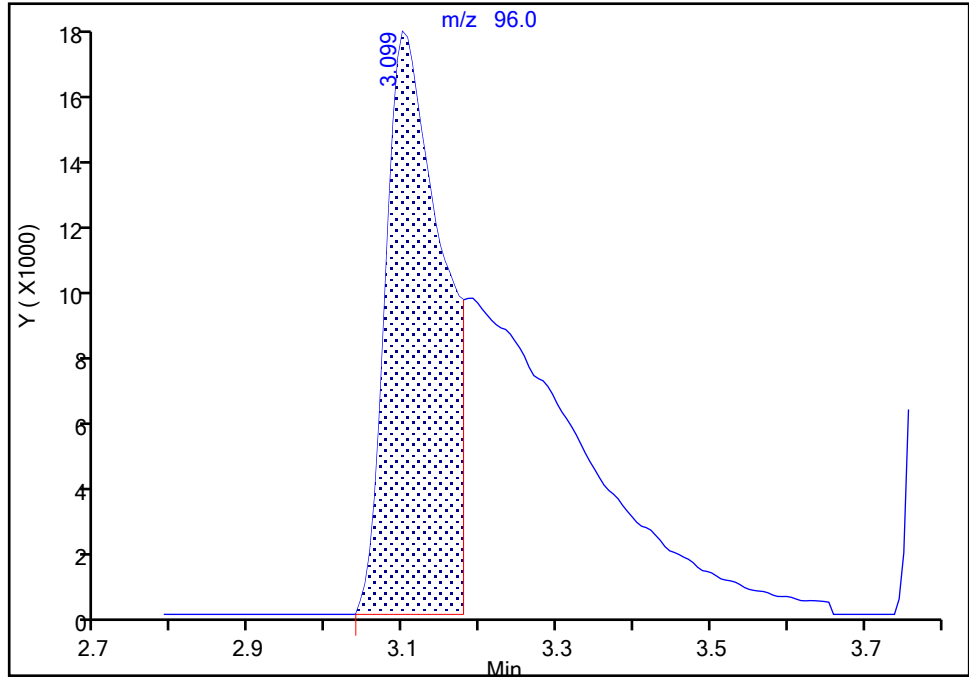
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0627.D
Injection Date: 25-May-2021 13:23:30 Instrument ID: HP5975D
Lims ID: ICIS 5
Client ID:
Operator ID: LH ALS Bottle#: 12 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

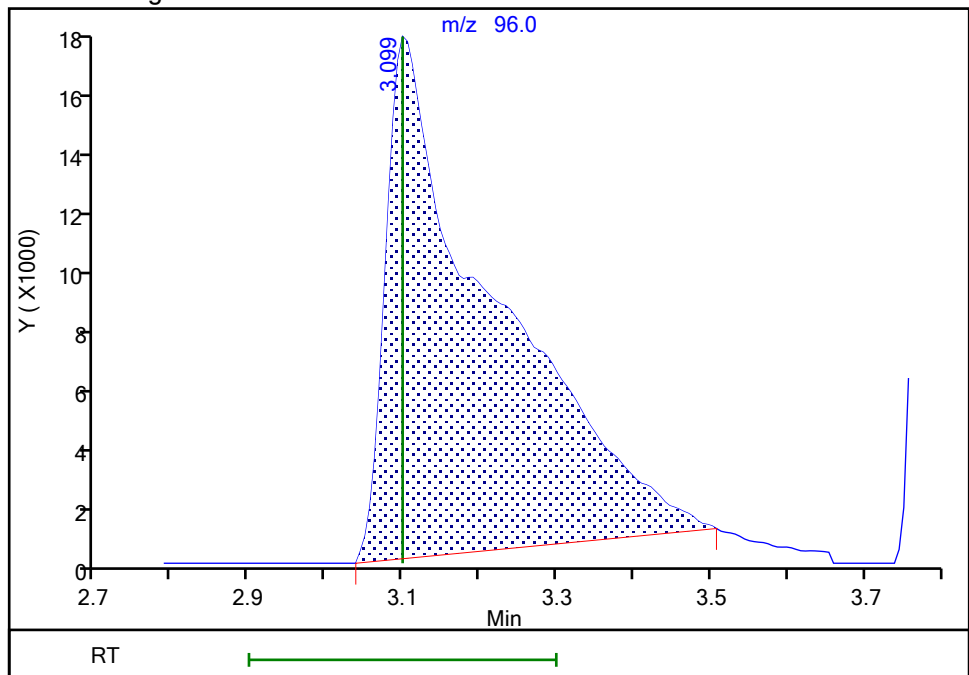
RT: 3.10
Area: 90683
Amount: 15.552052
Amount Units: ug/L

Processing Integration Results



RT: 3.10
Area: 172391
Amount: 25.059489
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:16:16
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0628.D
 Lims ID: IC 6
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-May-2021 13:45:30 ALS Bottle#: 13 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 6
 Misc. Info.: 480-0098837-012
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:31 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:17:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.531	5.531	0.000	98	152746	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	87	322797	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	94	346545	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.038	5.044	-0.006	93	222995	25.0	24.8	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	96	137239	25.0	24.9	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	746992	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	265695	25.0	25.3	
10 Dichlorodifluoromethane	85	1.508	1.514	-0.006	99	517412	50.0	52.5	
12 Chloromethane	50	1.721	1.727	-0.006	99	638599	50.0	48.8	
13 Vinyl chloride	62	1.831	1.837	-0.006	98	571241	50.0	54.8	
144 Butadiene	54	1.874	1.874	0.000	93	407944	50.0	57.2	
14 Bromomethane	94	2.215	2.221	-0.006	91	293331	50.0	47.6	
15 Chloroethane	64	2.331	2.331	0.000	97	264076	50.0	55.2	
17 Trichlorofluoromethane	101	2.550	2.556	-0.006	98	593759	50.0	55.0	
16 Dichlorofluoromethane	67	2.556	2.563	-0.007	97	711272	50.0	49.3	
18 Ethyl ether	59	2.849	2.855	-0.006	99	368589	50.0	53.3	
20 Acrolein	56	3.032	3.038	-0.006	99	169416	250.0	278.5	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.075	3.081	-0.006	95	410057	50.0	51.8	
22 1,1-Dichloroethene	96	3.099	3.099	0.000	94	385211	50.0	54.2	
23 Acetone	43	3.184	3.190	-0.006	98	902617	250.0	241.8	
25 Iodomethane	142	3.270	3.276	-0.006	99	692182	50.0	56.9	
26 Carbon disulfide	76	3.294	3.294	0.000	100	1049906	50.0	55.8	
28 3-Chloro-1-propene	41	3.434	3.434	0.000	90	638869	50.0	49.0	
27 Methyl acetate	43	3.465	3.471	-0.006	100	936653	100.0	98.3	
30 Methylene Chloride	84	3.605	3.611	-0.006	96	439065	50.0	51.7	
31 2-Methyl-2-propanol	59	3.709	3.715	-0.006	99	579503	500.0	516.7	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	95	675394	50.0	53.1	
34 trans-1,2-Dichloroethene	96	3.782	3.788	-0.006	94	422539	50.0	59.1	
33 Acrylonitrile	53	3.824	3.825	0.000	98	2280892	500.0	499.6	
35 Hexane	57	3.959	3.959	0.000	95	724209	50.0	56.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.160	4.166	-0.006	96	825777	50.0	52.1	
37 Vinyl acetate	43	4.190	4.196	-0.006	97	2629633	100.0	102.1	
44 2,2-Dichloropropane	77	4.617	4.623	-0.006	92	247415	50.0	52.4	
45 cis-1,2-Dichloroethene	96	4.647	4.648	-0.001	87	464570	50.0	51.0	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	1599836	250.0	246.4	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	264135	50.0	51.5	
49 Tetrahydrofuran	42	4.867	4.867	0.000	91	407715	100.0	96.6	
50 Chloroform	83	4.910	4.910	0.000	96	783972	50.0	50.2	
51 1,1,1-Trichloroethane	97	5.019	5.019	0.000	98	515759	50.0	52.6	
52 Cyclohexane	56	5.032	5.032	0.000	96	545451	50.0	56.0	
55 Carbon tetrachloride	117	5.135	5.135	0.000	98	607911	50.0	60.8	
54 1,1-Dichloropropene	75	5.141	5.141	0.000	93	593521	50.0	53.7	
53 Isobutyl alcohol	43	5.281	5.282	-0.001	93	889239	1250.0	1244.6	
57 Benzene	78	5.318	5.318	0.000	97	1614538	50.0	51.0	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	97	693439	50.0	48.0	
59 n-Heptane	43	5.440	5.440	0.000	98	876902	50.0	53.9	
62 Trichloroethene	95	5.812	5.812	0.000	96	465590	50.0	52.4	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	613525	50.0	56.8	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	93	490443	50.0	51.0	
66 1,4-Dioxane	88	6.111	6.111	0.000	98	129434	1000.0	1049.9	
67 Dibromomethane	93	6.123	6.123	0.000	96	325634	50.0	50.2	
68 Dichlorobromomethane	83	6.233	6.233	-0.001	97	630563	50.0	51.3	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	363120	50.0	52.4	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	91	751324	50.0	52.0	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	3250164	250.0	251.9	
74 Toluene	92	6.799	6.800	-0.001	98	1055379	50.0	51.9	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	716965	50.0	52.7	
75 Ethyl methacrylate	69	7.007	7.007	0.000	94	636260	50.0	53.0	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	93	364390	50.0	50.4	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	512426	50.0	54.1	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	96	707215	50.0	50.4	
80 2-Hexanone	43	7.312	7.312	0.000	99	2400452	250.0	252.0	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	546267	50.0	52.6	
84 Ethylene Dibromide	107	7.580	7.574	0.006	98	495015	50.0	51.1	
87 Chlorobenzene	112	7.939	7.940	-0.001	94	1220459	50.0	50.9	
88 Ethylbenzene	91	7.994	7.988	0.006	99	2023149	50.0	52.9	
89 1,1,1,2-Tetrachloroethane	131	8.000	8.001	-0.001	95	478789	50.0	52.6	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	786342	50.0	52.9	
91 o-Xylene	106	8.415	8.415	0.000	98	766503	50.0	52.8	
92 Styrene	104	8.433	8.433	0.000	95	1335410	50.0	52.6	
95 Bromoform	173	8.647	8.647	0.000	97	424801	50.0	54.4	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	1999209	50.0	53.3	
101 Bromobenzene	156	9.012	9.013	-0.001	92	580335	50.0	51.3	
97 1,1,2,2-Tetrachloroethane	83	9.012	9.013	-0.001	85	636944	50.0	50.7	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	2439510	50.0	53.5	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	74	240450	50.0	52.7	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	178711	50.0	50.6	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	509374	50.0	52.7	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	1687820	50.0	53.7	
105 4-Chlorotoluene	126	9.244	9.238	0.006	98	531752	50.0	52.8	
106 tert-Butylbenzene	134	9.464	9.464	0.000	93	348398	50.0	54.9	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	1736069	50.0	53.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.646	9.640	0.006	95	2215306	50.0	54.6	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	1972905	50.0	55.1	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	1070078	50.0	51.9	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	96	1093113	50.0	51.6	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	1842421	50.0	54.9	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	98	1048217	50.0	51.8	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	87	141078	50.0	53.0	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	876266	50.0	53.8	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	449389	50.0	56.2	
121 Naphthalene	128	11.725	11.725	0.000	97	2183548	50.0	52.8	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	95	843819	50.0	52.8	
S 124 Xylenes, Total	1				0			105.8	
S 125 1,2-Dichloroethene, Total	1				0			110.1	
S 126 1,3-Dichloropropene, Total	1				0			104.8	
S 123 Total BTEX	1				0			261.5	

QC Flag Legend

Processing Flags

Reagents:

8260 CORP mix_00208

Amount Added: 25.00

Units: uL

GAS CORP mix_00456

Amount Added: 25.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0628.D

Injection Date: 25-May-2021 13:45:30

Instrument ID: HP5975D

Lims ID: IC 6

Operator ID: LH

Client ID:

Worklist Smp#: 12

Purge Vol: 5.000 mL

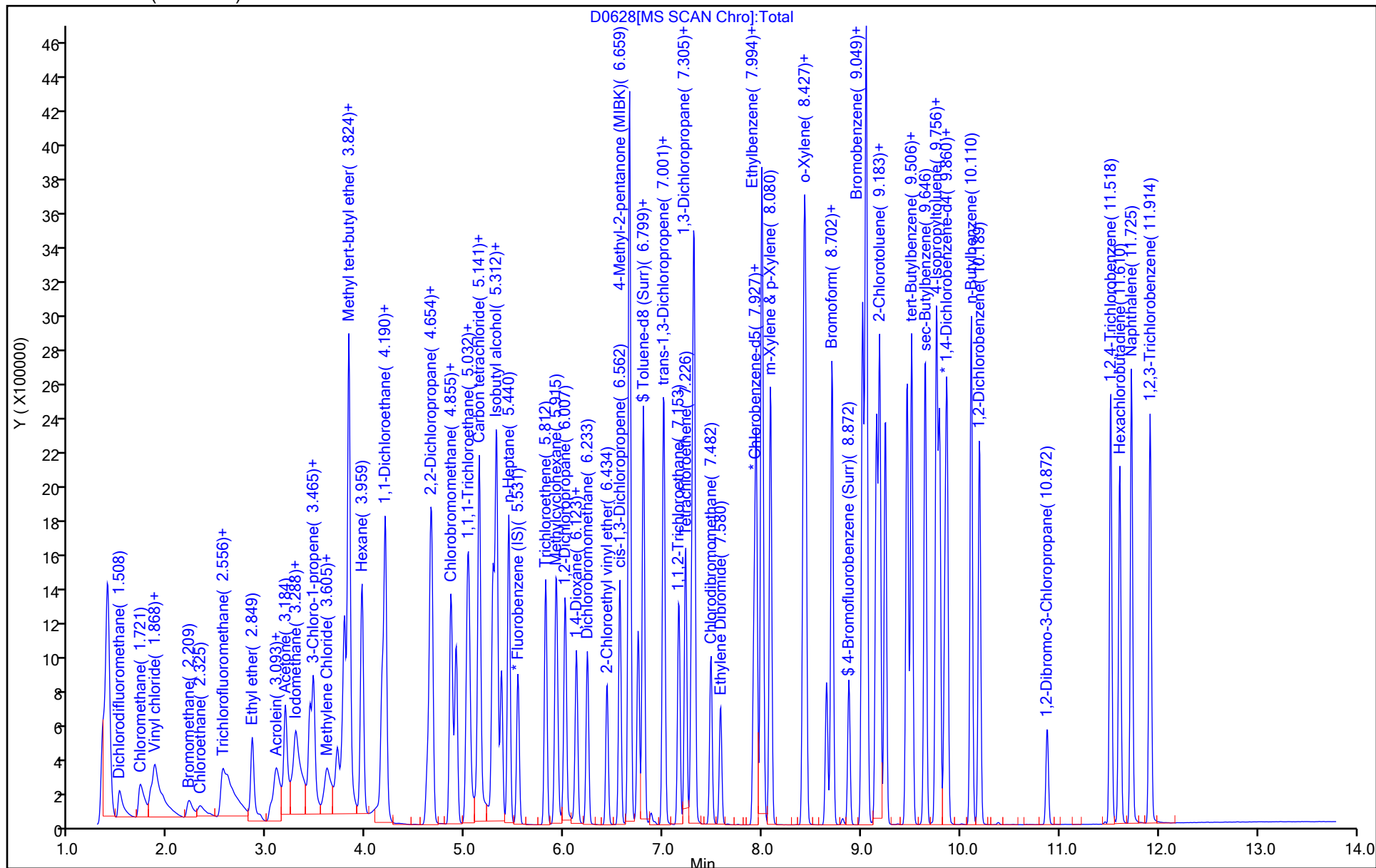
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0629.D
 Lims ID: IC 7
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 25-May-2021 14:08:30 ALS Bottle#: 14 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC 7
 Misc. Info.: 480-0098837-013
 Operator ID: LH Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:34 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 18:18:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.531	0.001	98	155017	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	86	326909	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	352940	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	222211	25.0	24.4	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	99	137303	25.0	24.6	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	750008	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	267109	25.0	25.1	
10 Dichlorodifluoromethane	85	1.514	1.514	0.000	99	960102	100.0	95.7	
12 Chloromethane	50	1.727	1.727	0.000	99	1189904	100.0	89.7	
13 Vinyl chloride	62	1.837	1.837	0.000	98	1071769	100.0	101.3	
144 Butadiene	54	1.874	1.874	0.000	93	739689	100.0	102.2	
14 Bromomethane	94	2.221	2.221	0.000	91	571590	100.0	91.3	
15 Chloroethane	64	2.337	2.331	0.006	98	496106	100.0	102.2	
17 Trichlorofluoromethane	101	2.557	2.556	0.001	97	1052944	100.0	96.1	
16 Dichlorofluoromethane	67	2.563	2.563	0.000	96	1340966	100.0	91.6	
18 Ethyl ether	59	2.855	2.855	0.000	99	664212	100.0	94.6	
20 Acrolein	56	3.038	3.038	0.000	100	336884	500.0	545.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.081	3.081	0.000	94	653798	100.0	81.0	M
22 1,1-Dichloroethene	96	3.099	3.099	0.000	97	691629	100.0	95.6	
23 Acetone	43	3.191	3.190	0.001	98	1684138	500.0	444.6	
25 Iodomethane	142	3.276	3.276	0.000	100	1261274	100.0	102.2	
26 Carbon disulfide	76	3.294	3.294	0.000	100	1798038	100.0	94.1	
28 3-Chloro-1-propene	41	3.441	3.434	0.006	91	1298188	100.0	98.0	Ma
27 Methyl acetate	43	3.471	3.471	0.000	100	1975908	200.0	204.3	
30 Methylene Chloride	84	3.611	3.611	0.000	97	835844	100.0	97.2	
31 2-Methyl-2-propanol	59	3.715	3.715	0.000	98	1085076	1000.0	953.4	
32 Methyl tert-butyl ether	73	3.770	3.770	0.000	97	1180274	100.0	91.4	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	94	767737	100.0	105.8	
33 Acrylonitrile	53	3.831	3.825	0.007	98	4595151	1000.0	991.9	
35 Hexane	57	3.959	3.959	0.000	95	1157066	100.0	88.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	97	1488762	100.0	92.5	
37 Vinyl acetate	43	4.196	4.196	0.000	97	5104977	200.0	195.2	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	91	380940	100.0	79.6	
45 cis-1,2-Dichloroethene	96	4.648	4.648	0.000	86	872838	100.0	94.4	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	3118578	500.0	473.3	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	508726	100.0	97.7	
49 Tetrahydrofuran	42	4.867	4.867	0.000	91	798186	200.0	186.3	
50 Chloroform	83	4.910	4.910	0.000	96	1481679	100.0	93.4	
51 1,1,1-Trichloroethane	97	5.019	5.019	0.000	98	874546	100.0	87.9	
52 Cyclohexane	56	5.032	5.032	0.000	96	882764	100.0	89.2	
55 Carbon tetrachloride	117	5.141	5.135	0.006	97	900822	100.0	88.8	
54 1,1-Dichloropropene	75	5.147	5.141	0.006	93	1065416	100.0	95.0	
53 Isobutyl alcohol	43	5.282	5.282	0.000	94	1766238	2500.0	2435.9	
57 Benzene	78	5.318	5.318	0.000	98	3021156	100.0	94.0	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	97	1326970	100.0	90.5	
59 n-Heptane	43	5.440	5.440	0.000	97	1468160	100.0	88.9	
62 Trichloroethene	95	5.812	5.812	0.000	96	862579	100.0	95.6	
64 Methylcyclohexane	83	5.922	5.922	0.000	98	961653	100.0	87.8	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	93	943148	100.0	96.6	
66 1,4-Dioxane	88	6.111	6.111	0.000	98	268326	2000.0	2149.0	
67 Dibromomethane	93	6.123	6.123	0.000	97	635297	100.0	96.5	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	1213693	100.0	97.4	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	719377	100.0	102.2	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	92	1450574	100.0	99.0	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	6298298	500.0	482.0	
74 Toluene	92	6.800	6.800	0.000	98	1958605	100.0	95.1	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	1405643	100.0	102.1	
75 Ethyl methacrylate	69	7.007	7.007	0.000	94	1261112	100.0	103.8	
79 1,1,2-Trichloroethane	83	7.159	7.153	0.006	93	712354	100.0	97.2	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	925338	100.0	96.5	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	1379921	100.0	97.2	
80 2-Hexanone	43	7.312	7.312	0.000	98	4621102	500.0	479.1	
83 Chlorodibromomethane	129	7.482	7.482	0.000	91	1069459	100.0	101.6	
84 Ethylene Dibromide	107	7.580	7.574	0.006	98	967432	100.0	98.5	
87 Chlorobenzene	112	7.940	7.940	0.000	94	2321588	100.0	95.7	
88 Ethylbenzene	91	7.994	7.988	0.006	98	3750808	100.0	96.8	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	909774	100.0	98.7	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	1469119	100.0	97.6	
91 o-Xylene	106	8.415	8.415	0.000	97	1454028	100.0	99.0	
92 Styrene	104	8.440	8.433	0.007	95	2547850	100.0	99.1	
95 Bromoform	173	8.647	8.647	0.000	96	848662	100.0	107.3	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	3702420	100.0	96.9	
101 Bromobenzene	156	9.013	9.013	0.000	92	1120049	100.0	97.1	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	87	1267213	100.0	99.1	
99 N-Propylbenzene	91	9.049	9.043	0.006	98	4519064	100.0	97.3	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	74	477518	100.0	102.7	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	347009	100.0	96.5	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	953368	100.0	96.8	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	3169342	100.0	99.1	
105 4-Chlorotoluene	126	9.244	9.238	0.006	98	1006024	100.0	98.0	
106 tert-Butylbenzene	134	9.464	9.464	0.000	94	651056	100.0	100.8	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	3316405	100.0	99.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.647	9.640	0.007	95	4091417	100.0	99.1	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	3657897	100.0	100.3	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	2052336	100.0	97.8	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	96	2101518	100.0	97.3	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	3418602	100.0	100.1	
116 1,2-Dichlorobenzene	146	10.195	10.189	0.006	99	2030958	100.0	98.5	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	87	288046	100.0	106.3	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	1696776	100.0	102.3	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	827536	100.0	101.7	
121 Naphthalene	128	11.725	11.725	0.000	97	4293680	100.0	102.0	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	96	1632675	100.0	100.3	
S 124 Xylenes, Total	1				0			196.6	
S 125 1,2-Dichloroethene, Total	1				0			200.2	
S 126 1,3-Dichloropropene, Total	1				0			201.1	
S 123 Total BTEX	1				0			482.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 CORP mix_00208

Amount Added: 50.00

Units: uL

GAS CORP mix_00456

Amount Added: 50.00

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

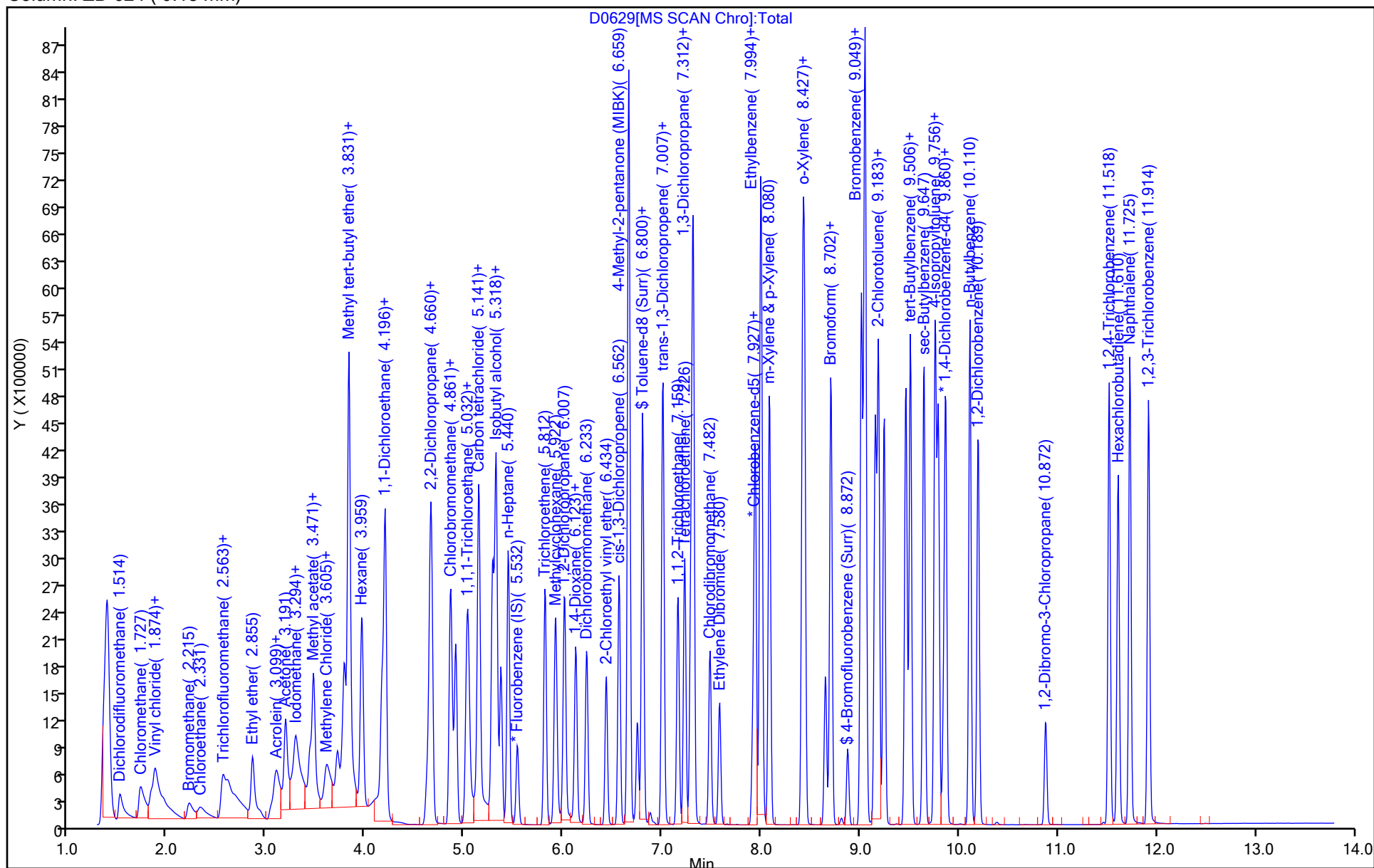
Units: uL

Run Reagent

Chrom Revision: 2.3 13-May-2021 07:57:40

Column: ZB-624 (0.18 mm)

ALS Bottle#: 14



Eurofins TestAmerica, Buffalo

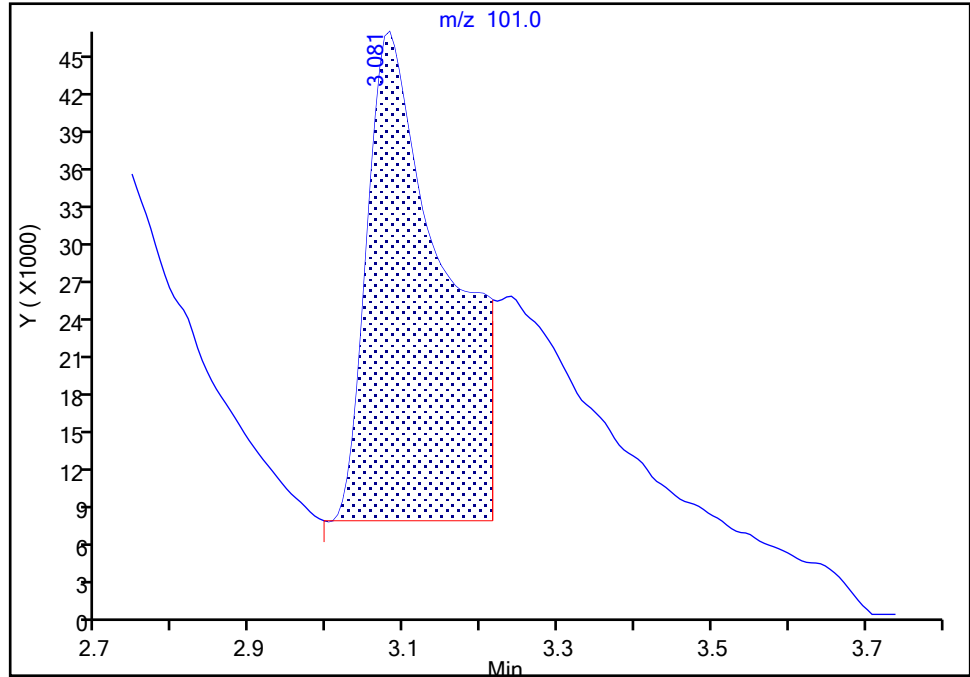
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Injection Date: 25-May-2021 14:08:30 Instrument ID: HP5975D
Lims ID: IC 7
Client ID:
Operator ID: LH ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

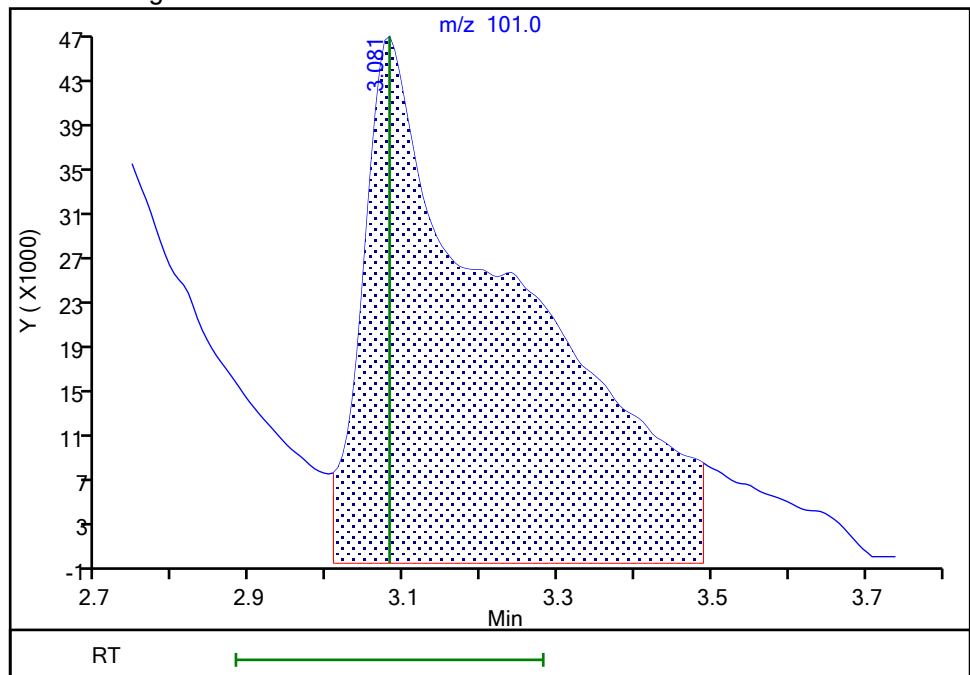
RT: 3.08
Area: 272009
Amount: 48.232674
Amount Units: ug/L

Processing Integration Results



RT: 3.08
Area: 653798
Amount: 80.999286
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 25-May-2021 18:18:03
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

Eurofins TestAmerica, Buffalo

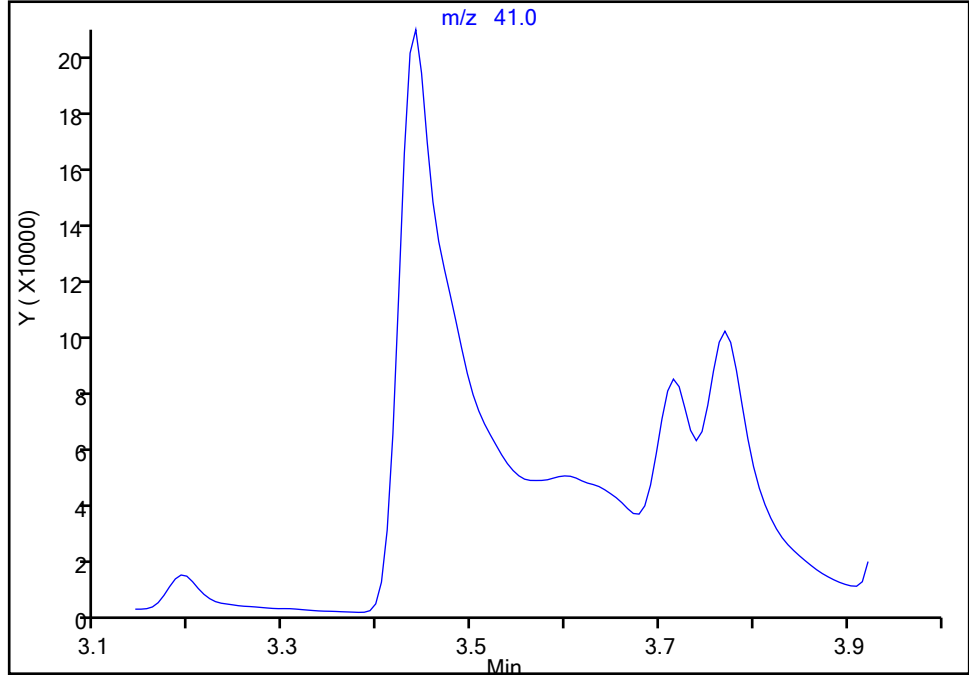
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Injection Date: 25-May-2021 14:08:30 Instrument ID: HP5975D
Lims ID: IC 7
Client ID:
Operator ID: LH ALS Bottle#: 14 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

28 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

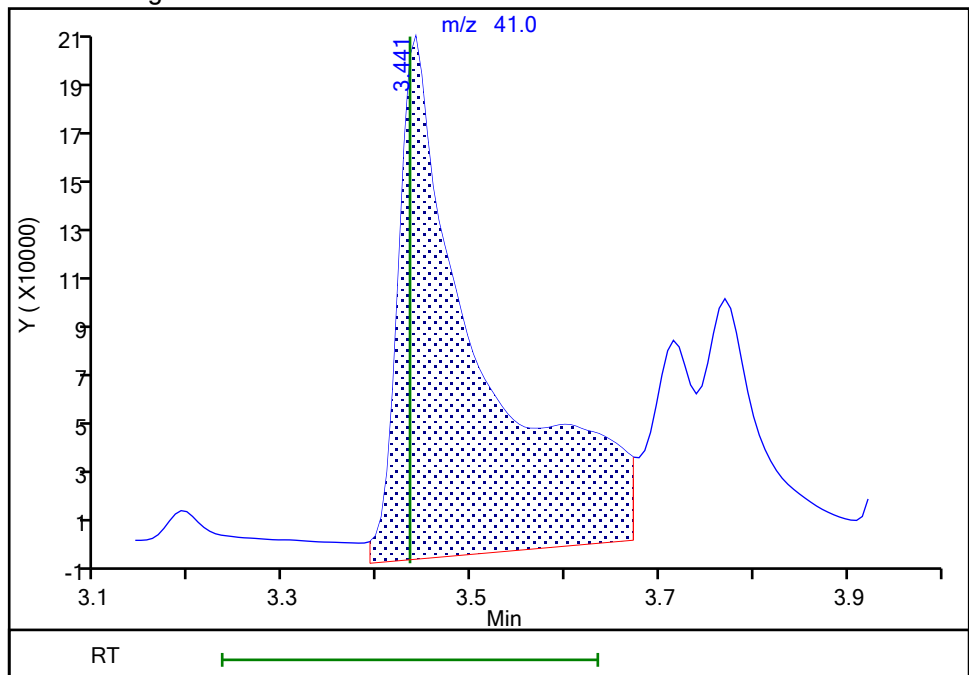
Not Detected
Expected RT: 3.43

Processing Integration Results



Manual Integration Results

RT: 3.44
Area: 1298188
Amount: 98.039105
Amount Units: ug/L



Reviewer: HillL, 25-May-2021 18:18:24
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

Calibration

/ Dichlorodifluoromethane

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

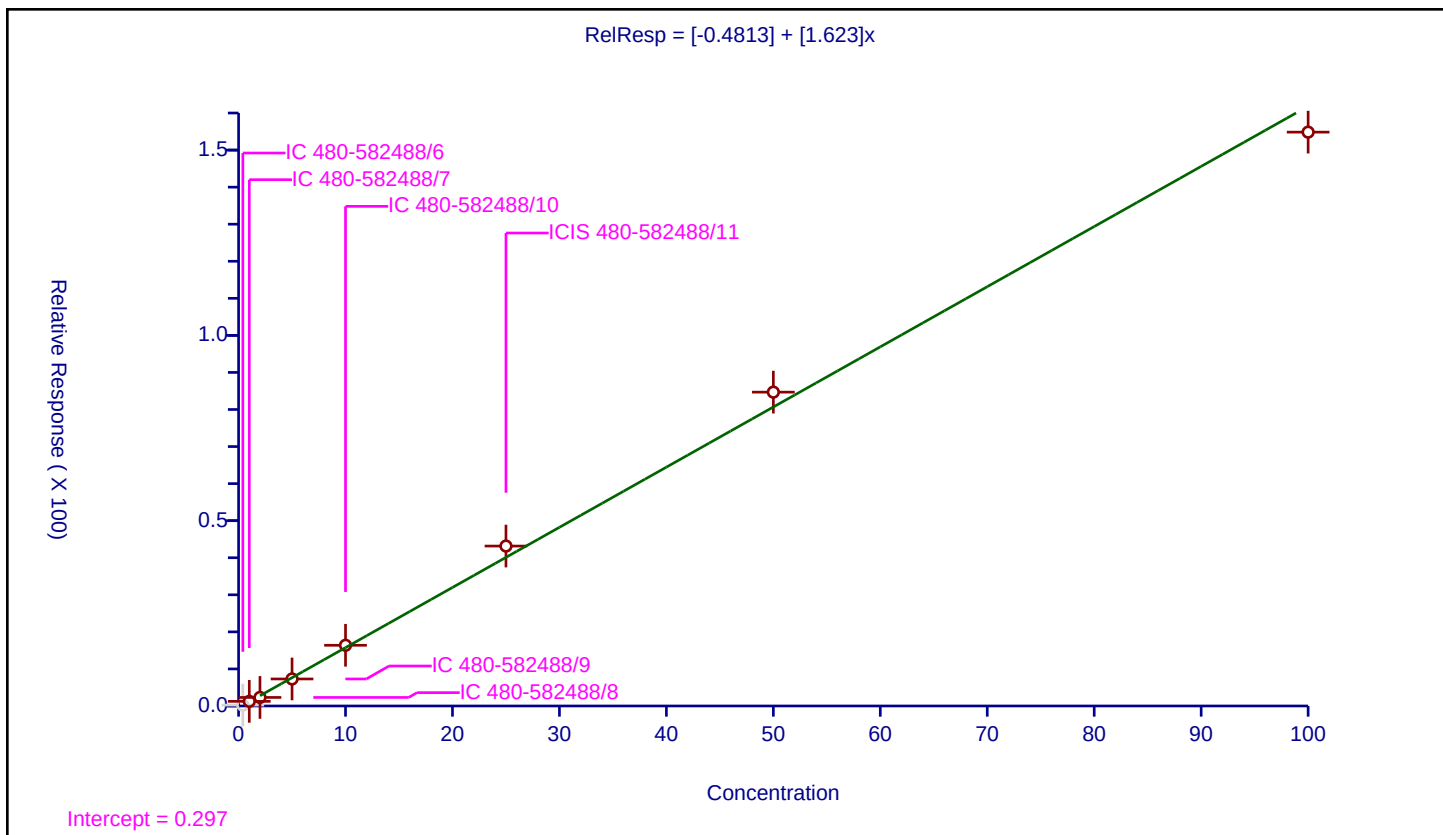
Curve Coefficients

Intercept: -0.4813
 Slope: 1.623

Error Coefficients

Standard Error: 503000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.240436	25.0	150456.0	0.601089	N
2	IC 480-582488/7	1.0	1.24629	25.0	152954.0	1.24629	Y
3	IC 480-582488/8	2.0	2.303042	25.0	158041.0	1.151521	Y
4	IC 480-582488/9	5.0	7.289479	25.0	153310.0	1.457896	Y
5	IC 480-582488/10	10.0	16.379322	25.0	150226.0	1.637932	Y
6	ICIS 480-582488/11	25.0	43.151593	25.0	148958.0	1.726064	Y
7	IC 480-582488/12	50.0	84.685033	25.0	152746.0	1.693701	Y
8	IC 480-582488/13	100.0	154.838179	25.0	155017.0	1.548382	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

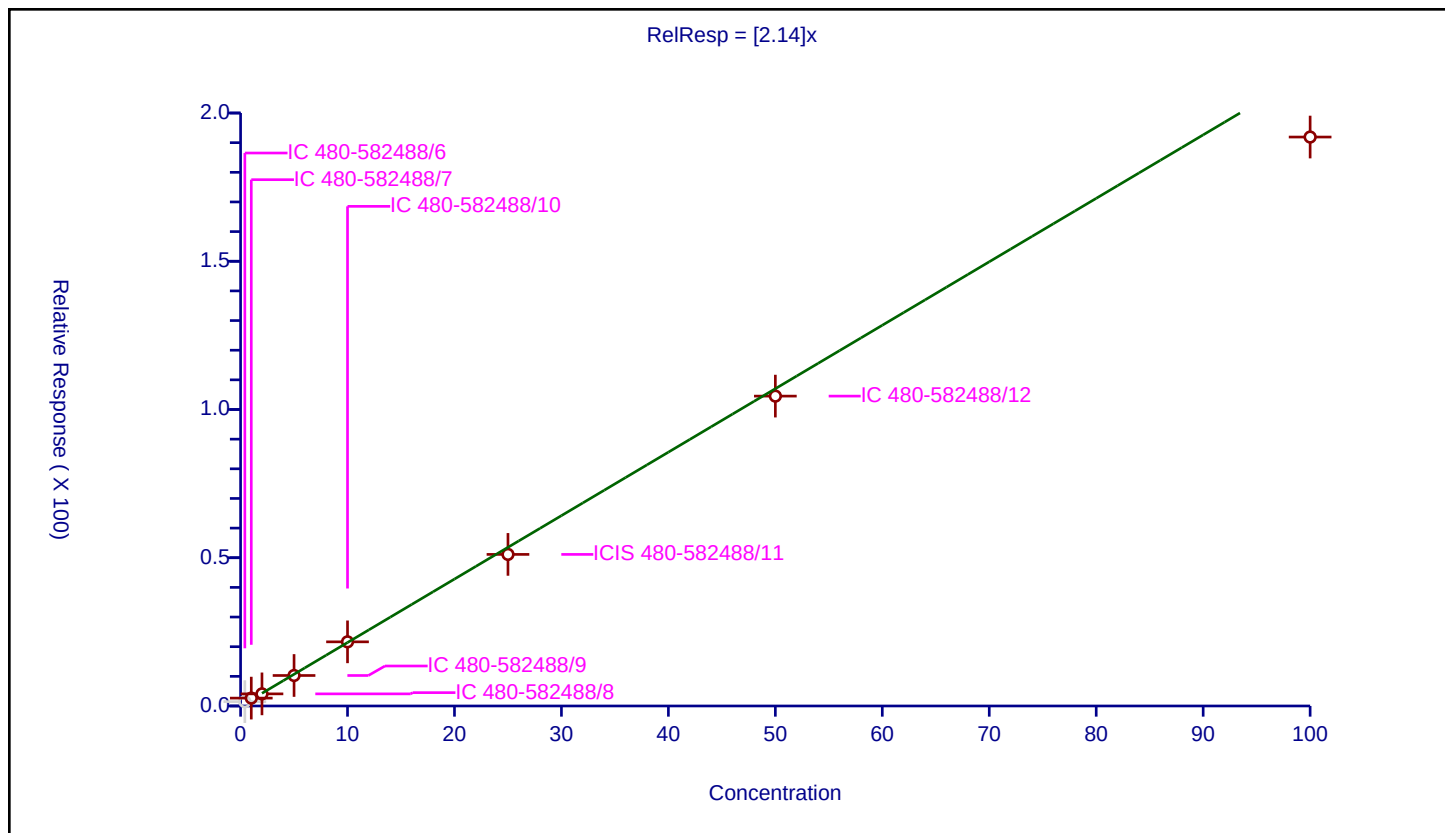
Curve Coefficients

Intercept: 0
 Slope: 2.14

Error Coefficients

Standard Error: 568000
 Relative Standard Error: 11.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.466209	25.0	150456.0	3.665523	N
2	IC 480-582488/7	1.0	2.661421	25.0	152954.0	2.661421	Y
3	IC 480-582488/8	2.0	4.090711	25.0	158041.0	2.045355	Y
4	IC 480-582488/9	5.0	10.282923	25.0	153310.0	2.056585	Y
5	IC 480-582488/10	10.0	21.63923	25.0	150226.0	2.163923	Y
6	ICIS 480-582488/11	25.0	51.131863	25.0	148958.0	2.045275	Y
7	IC 480-582488/12	50.0	104.519758	25.0	152746.0	2.090395	Y
8	IC 480-582488/13	100.0	191.898953	25.0	155017.0	1.91899	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

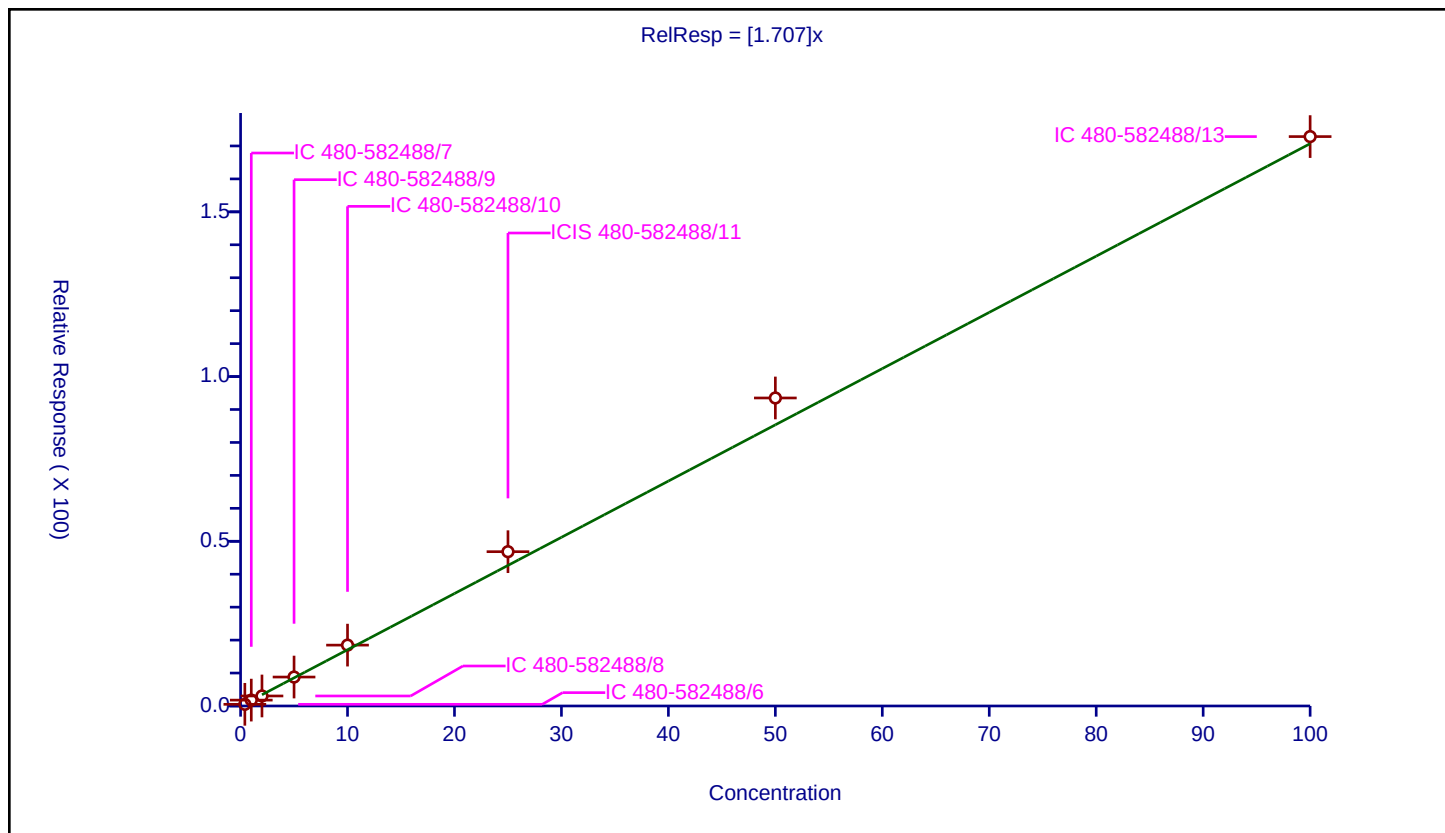
Curve Coefficients

Intercept: 0
 Slope: 1.707

Error Coefficients

Standard Error: 473000
 Relative Standard Error: 12.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.509119	25.0	150456.0	1.272797	Y
2	IC 480-582488/7	1.0	1.786975	25.0	152954.0	1.786975	Y
3	IC 480-582488/8	2.0	3.038768	25.0	158041.0	1.519384	Y
4	IC 480-582488/9	5.0	8.783511	25.0	153310.0	1.756702	Y
5	IC 480-582488/10	10.0	18.472501	25.0	150226.0	1.84725	Y
6	ICIS 480-582488/11	25.0	46.838538	25.0	148958.0	1.873542	Y
7	IC 480-582488/12	50.0	93.495247	25.0	152746.0	1.869905	Y
8	IC 480-582488/13	100.0	172.84701	25.0	155017.0	1.72847	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

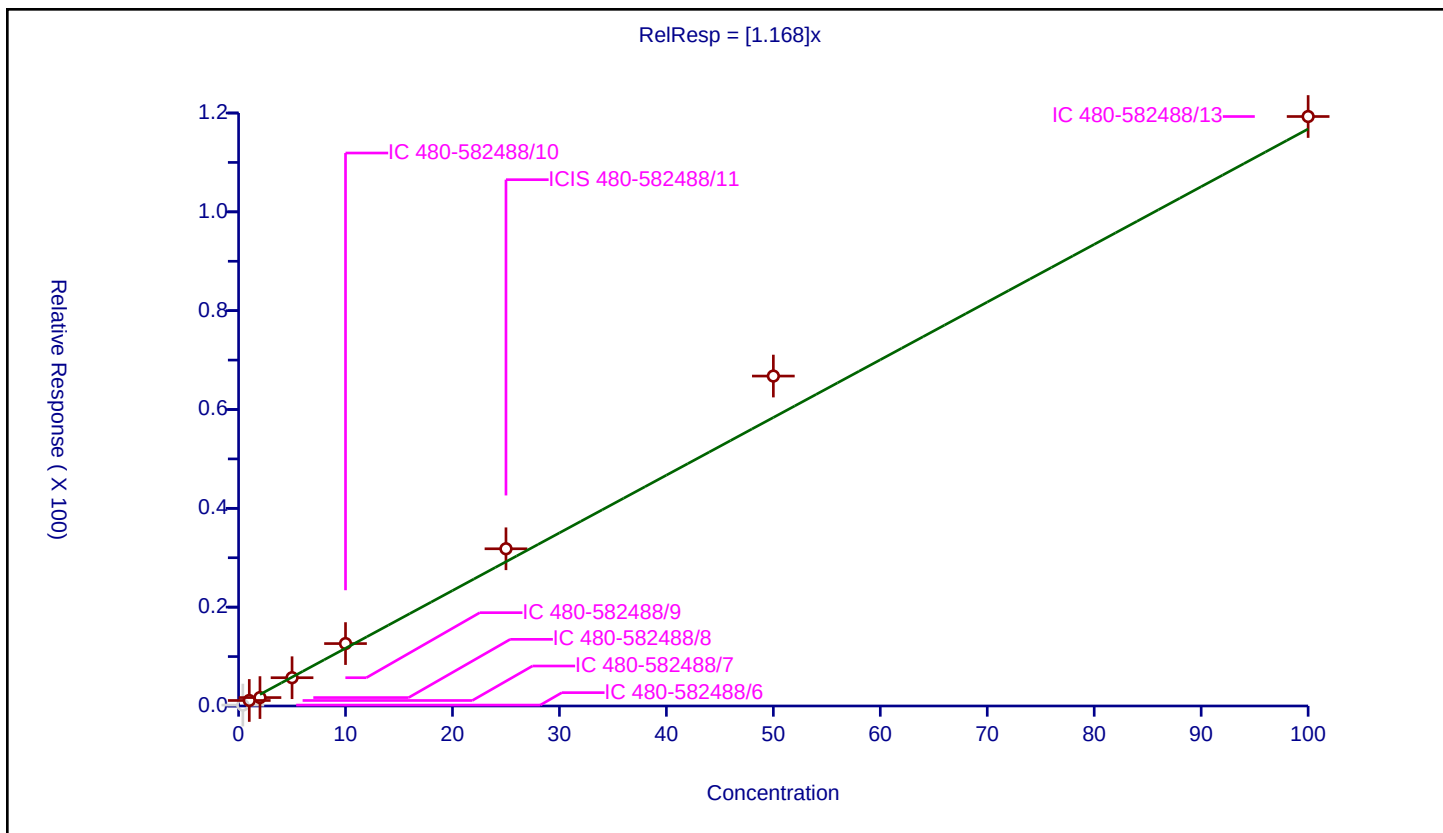
Curve Coefficients

Intercept: 0
 Slope: 1.168

Error Coefficients

Standard Error: 355000
 Relative Standard Error: 13.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.188095	25.0	150456.0	0.470237	N
2	IC 480-582488/7	1.0	1.114387	25.0	152954.0	1.114387	Y
3	IC 480-582488/8	2.0	1.701932	25.0	158041.0	0.850966	Y
4	IC 480-582488/9	5.0	5.722393	25.0	153310.0	1.144479	Y
5	IC 480-582488/10	10.0	12.632134	25.0	150226.0	1.263213	Y
6	ICIS 480-582488/11	25.0	31.813833	25.0	148958.0	1.272553	Y
7	IC 480-582488/12	50.0	66.768361	25.0	152746.0	1.335367	Y
8	IC 480-582488/13	100.0	119.291594	25.0	155017.0	1.192916	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

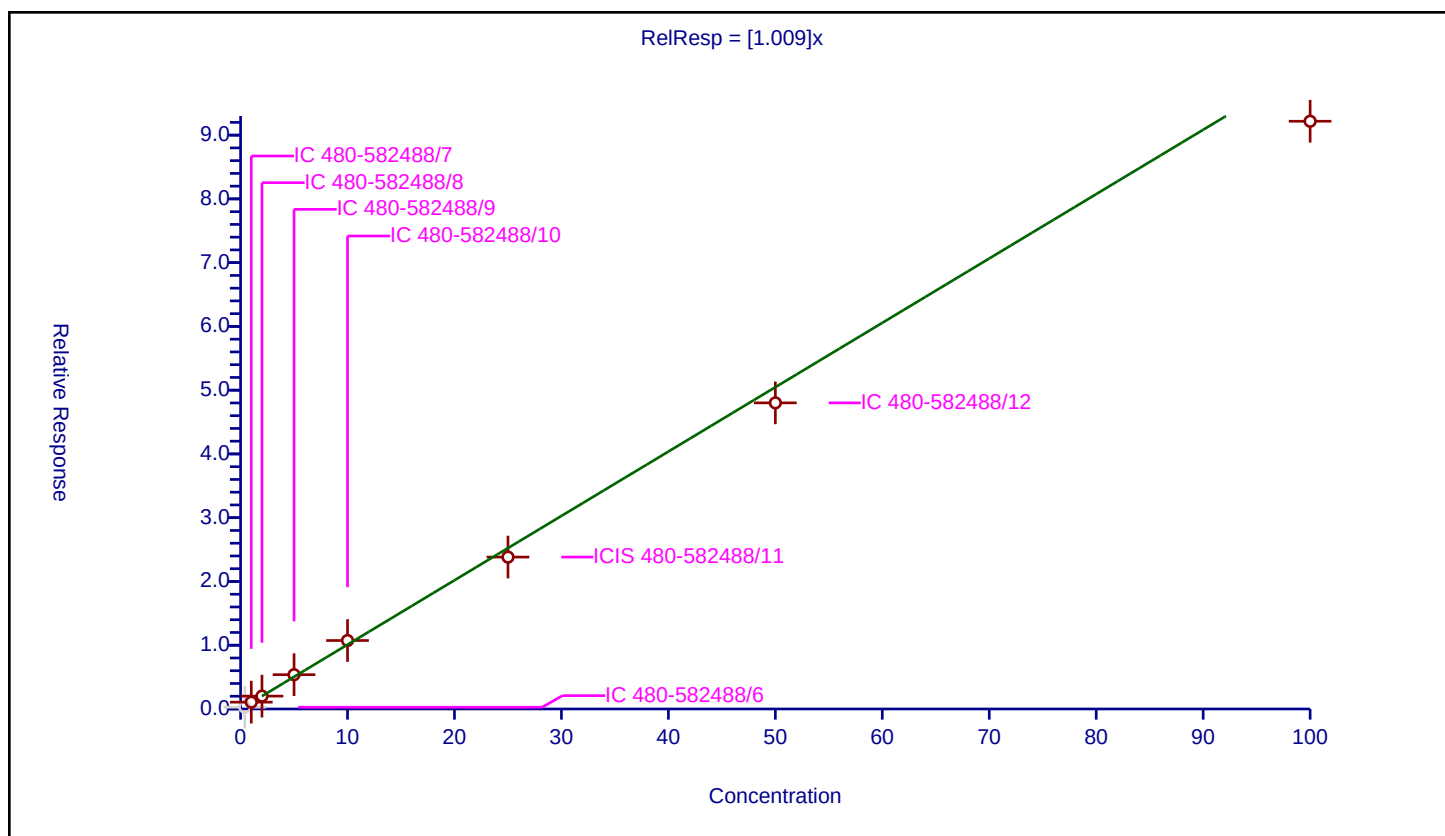
Curve Coefficients

Intercept: 0
 Slope: 1.009

Error Coefficients

Standard Error: 270000
 Relative Standard Error: 6.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.27749	25.0	150456.0	0.693724	N
2	IC 480-582488/7	1.0	1.071074	25.0	152954.0	1.071074	Y
3	IC 480-582488/8	2.0	2.019729	25.0	158041.0	1.009865	Y
4	IC 480-582488/9	5.0	5.379786	25.0	153310.0	1.075957	Y
5	IC 480-582488/10	10.0	10.737489	25.0	150226.0	1.073749	Y
6	ICIS 480-582488/11	25.0	23.822655	25.0	148958.0	0.952906	Y
7	IC 480-582488/12	50.0	48.009604	25.0	152746.0	0.960192	Y
8	IC 480-582488/13	100.0	92.181825	25.0	155017.0	0.921818	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

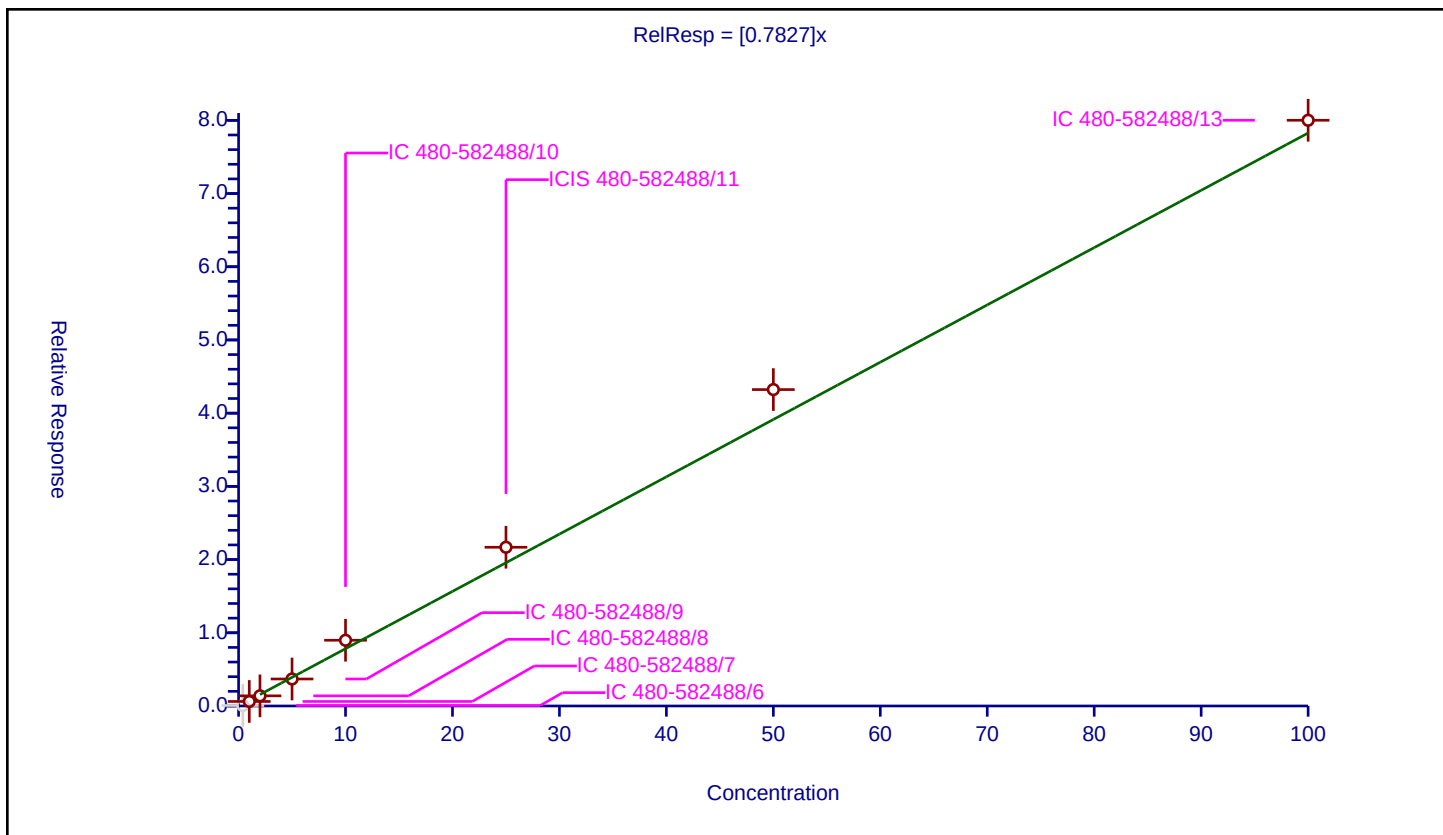
Curve Coefficients

Intercept: 0
 Slope: 0.7827

Error Coefficients

Standard Error: 237000
 Relative Standard Error: 13.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.068292	25.0	150456.0	0.170731	N
2	IC 480-582488/7	1.0	0.617342	25.0	152954.0	0.617342	Y
3	IC 480-582488/8	2.0	1.387773	25.0	158041.0	0.693886	Y
4	IC 480-582488/9	5.0	3.688279	25.0	153310.0	0.737656	Y
5	IC 480-582488/10	10.0	8.979138	25.0	150226.0	0.897914	Y
6	ICIS 480-582488/11	25.0	21.683461	25.0	148958.0	0.867338	Y
7	IC 480-582488/12	50.0	43.221426	25.0	152746.0	0.864429	Y
8	IC 480-582488/13	100.0	80.008322	25.0	155017.0	0.800083	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

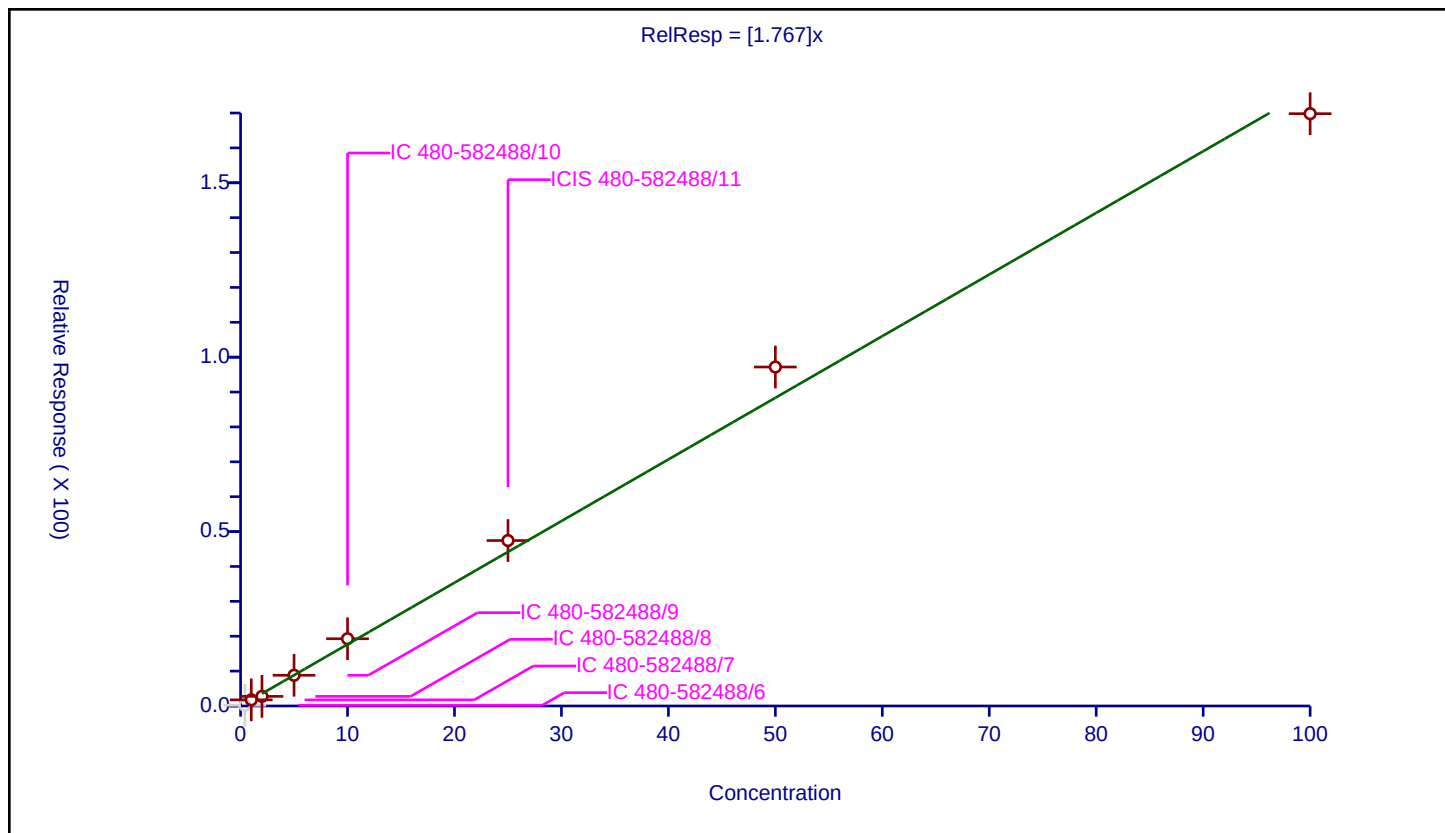
Curve Coefficients

Intercept: 0
 Slope: 1.767

Error Coefficients

Standard Error: 509000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.208034	25.0	150456.0	0.520086	N
2	IC 480-582488/7	1.0	1.761804	25.0	152954.0	1.761804	Y
3	IC 480-582488/8	2.0	2.758778	25.0	158041.0	1.379389	Y
4	IC 480-582488/9	5.0	8.805851	25.0	153310.0	1.76117	Y
5	IC 480-582488/10	10.0	19.279619	25.0	150226.0	1.927962	Y
6	ICIS 480-582488/11	25.0	47.43468	25.0	148958.0	1.897387	Y
7	IC 480-582488/12	50.0	97.180777	25.0	152746.0	1.943616	Y
8	IC 480-582488/13	100.0	169.811053	25.0	155017.0	1.698111	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

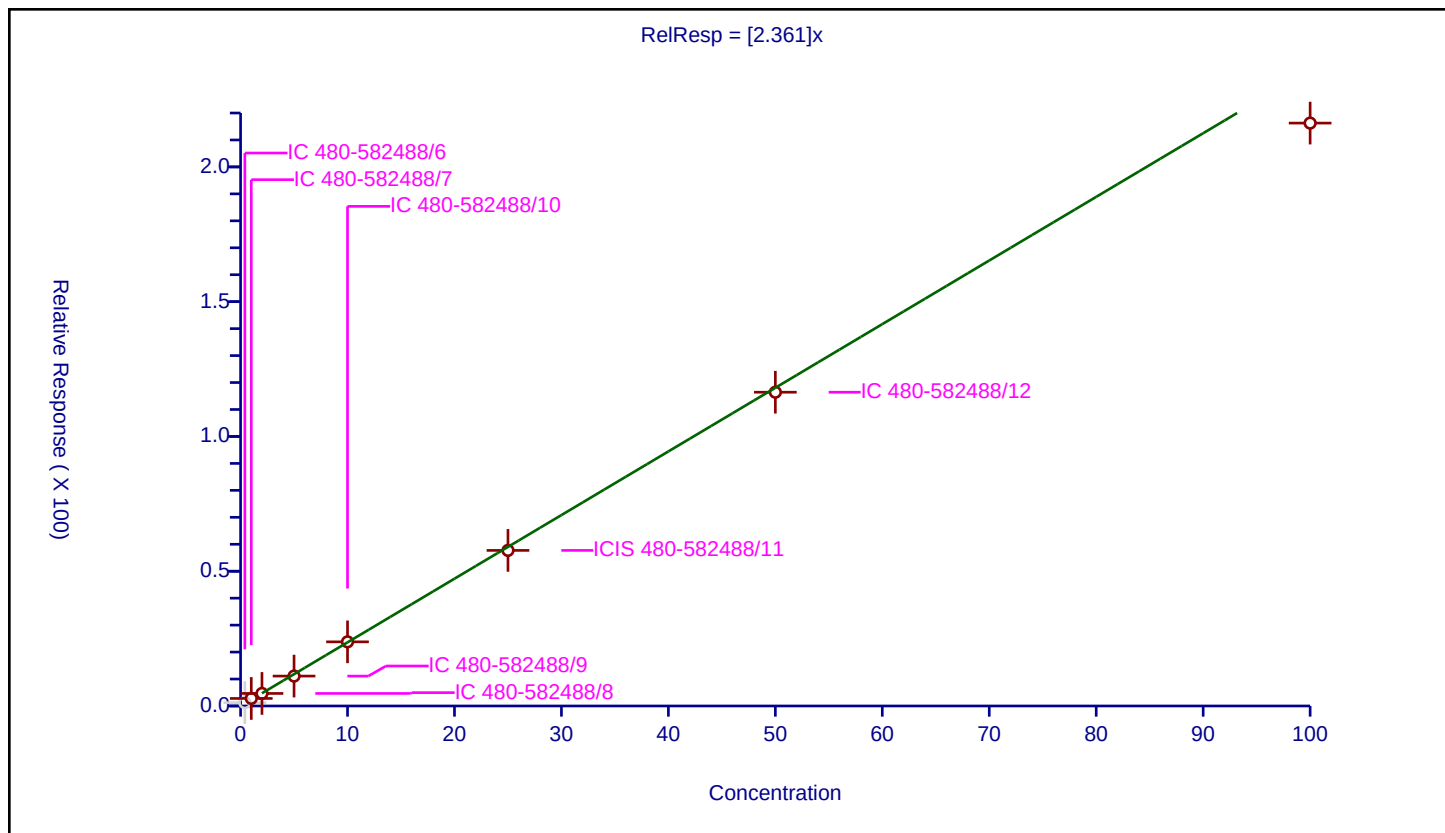
Curve Coefficients

Intercept: 0
 Slope: 2.361

Error Coefficients

Standard Error: 639000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.245048	25.0	150456.0	3.112621	N
2	IC 480-582488/7	1.0	2.799044	25.0	152954.0	2.799044	Y
3	IC 480-582488/8	2.0	4.658285	25.0	158041.0	2.329142	Y
4	IC 480-582488/9	5.0	11.098428	25.0	153310.0	2.219686	Y
5	IC 480-582488/10	10.0	23.802305	25.0	150226.0	2.38023	Y
6	ICIS 480-582488/11	25.0	57.722814	25.0	148958.0	2.308913	Y
7	IC 480-582488/12	50.0	116.414178	25.0	152746.0	2.328284	Y
8	IC 480-582488/13	100.0	216.26112	25.0	155017.0	2.162611	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

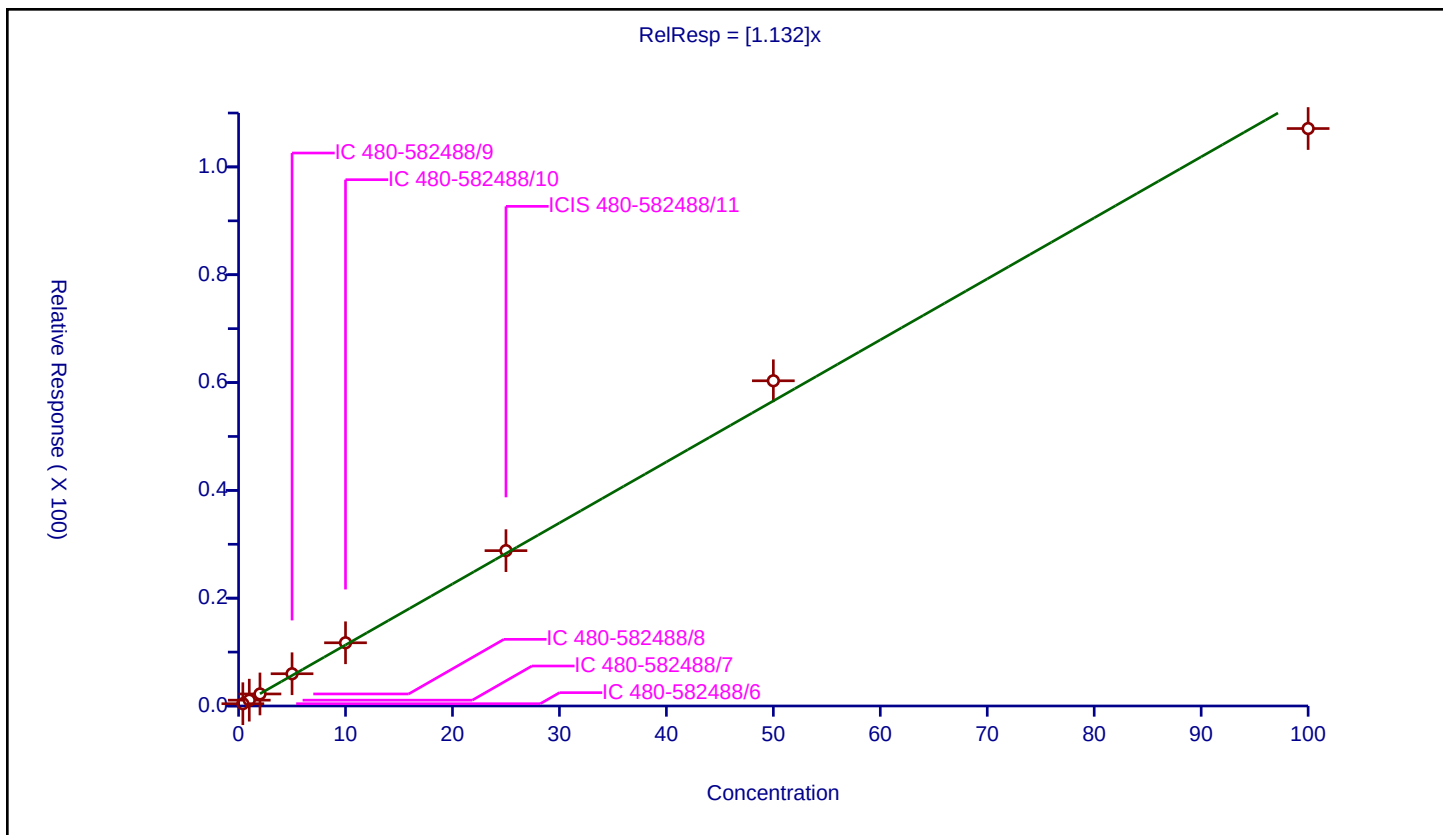
Curve Coefficients

Intercept: 0
 Slope: 1.132

Error Coefficients

Standard Error: 296000
 Relative Standard Error: 5.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.423213	25.0	150456.0	1.058034	Y
2	IC 480-582488/7	1.0	1.081207	25.0	152954.0	1.081207	Y
3	IC 480-582488/8	2.0	2.233598	25.0	158041.0	1.116799	Y
4	IC 480-582488/9	5.0	5.980693	25.0	153310.0	1.196139	Y
5	IC 480-582488/10	10.0	11.724169	25.0	150226.0	1.172417	Y
6	ICIS 480-582488/11	25.0	28.819365	25.0	148958.0	1.152775	Y
7	IC 480-582488/12	50.0	60.327112	25.0	152746.0	1.206542	Y
8	IC 480-582488/13	100.0	107.119219	25.0	155017.0	1.071192	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

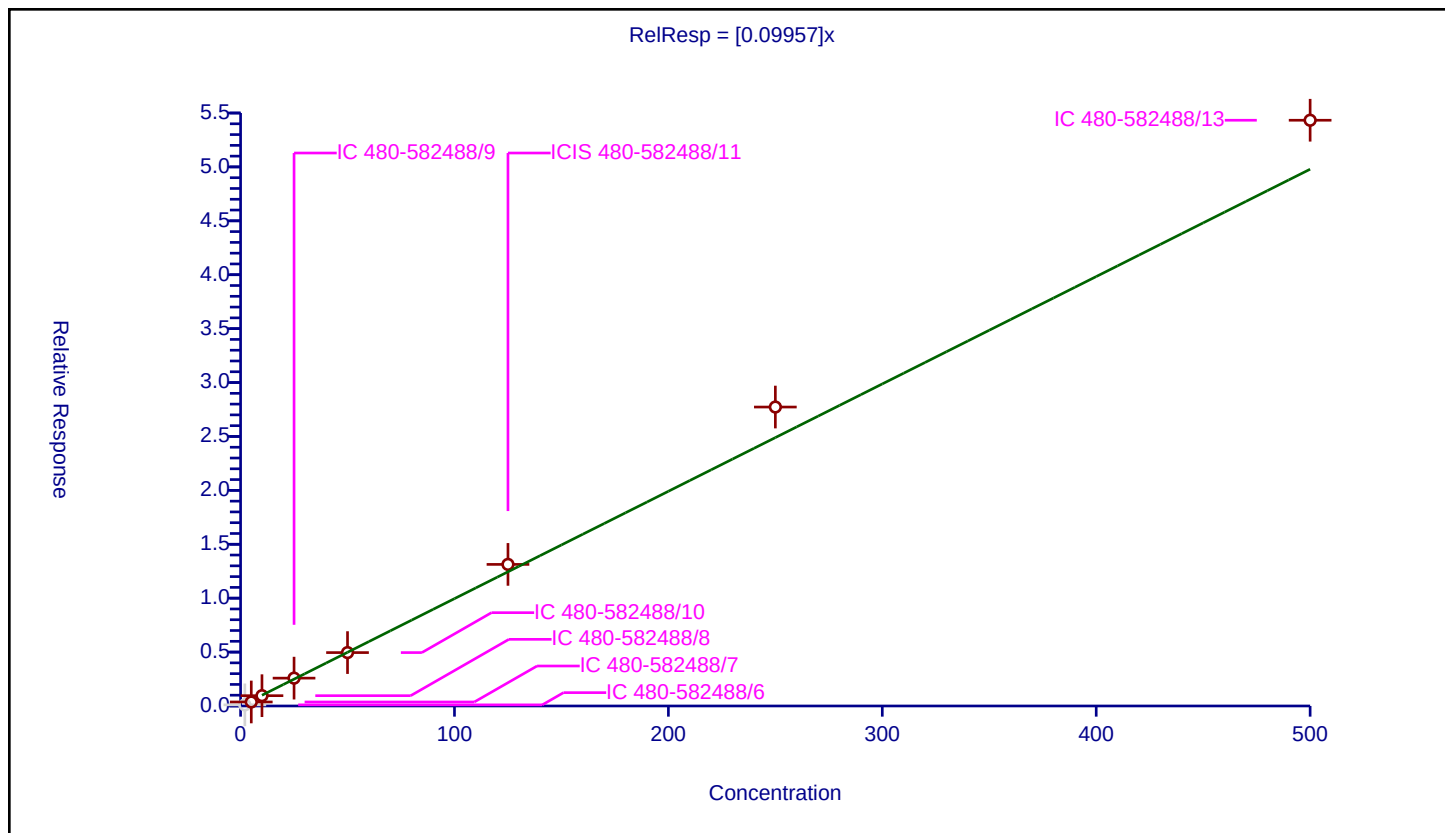
Curve Coefficients

Intercept: 0
 Slope: 0.09957

Error Coefficients

Standard Error: 158000
 Relative Standard Error: 12.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	2.0	0.106177	25.0	150456.0	0.053089	N
2	IC 480-582488/7	5.0	0.372171	25.0	152954.0	0.074434	Y
3	IC 480-582488/8	10.0	0.955765	25.0	158041.0	0.095576	Y
4	IC 480-582488/9	25.0	2.582839	25.0	153310.0	0.103314	Y
5	IC 480-582488/10	50.0	4.952705	25.0	150226.0	0.099054	Y
6	ICIS 480-582488/11	125.0	13.1334	25.0	148958.0	0.105067	Y
7	IC 480-582488/12	250.0	27.728386	25.0	152746.0	0.110914	Y
8	IC 480-582488/13	500.0	54.33017	25.0	155017.0	0.10866	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

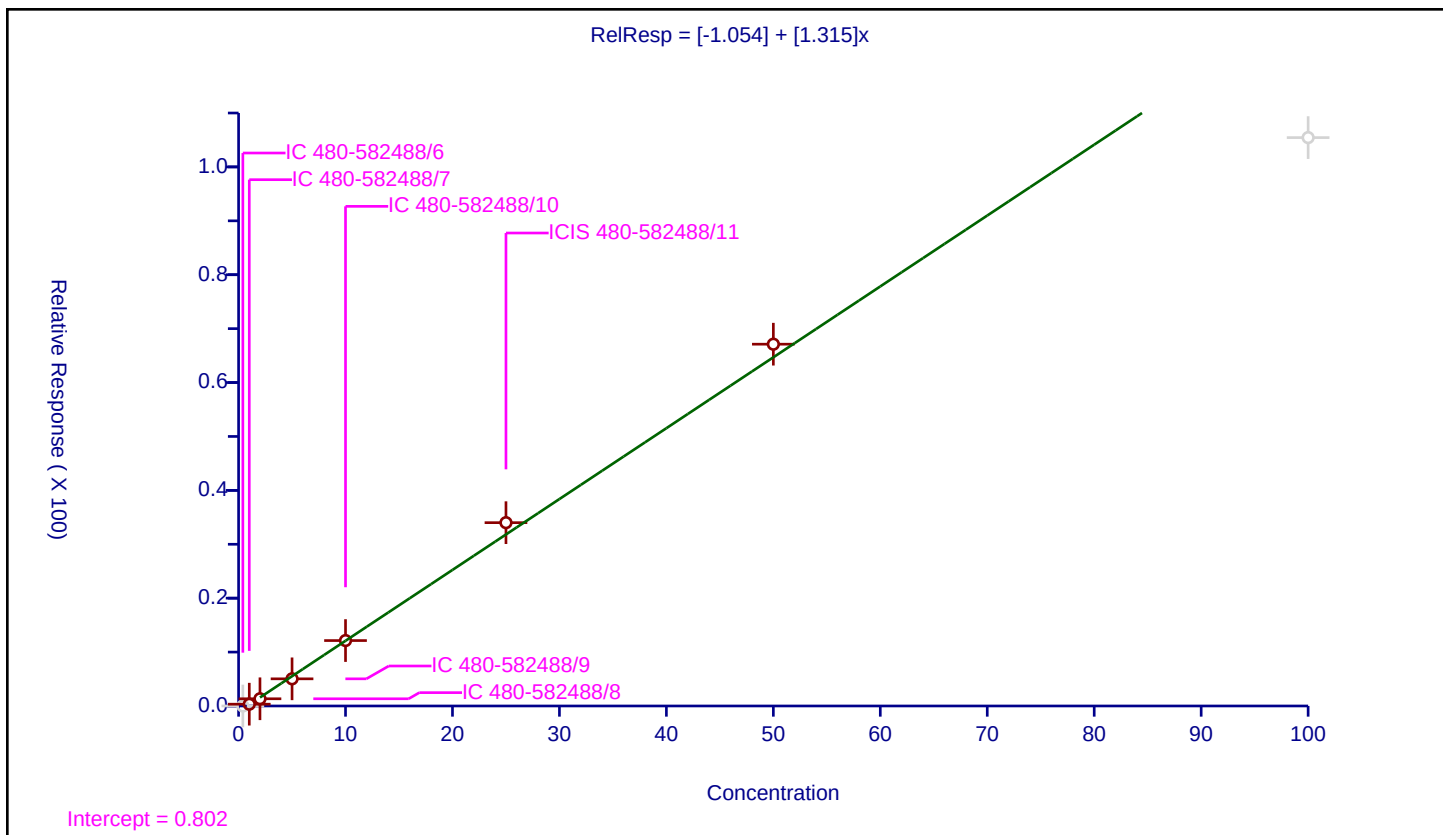
Curve Coefficients

Intercept: -1.054
 Slope: 1.315

Error Coefficients

Standard Error: 232000
 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	IC 480-582488/6	0.4	0.0	25.0	150456.0	0.0	N
2	IC 480-582488/7	1.0	0.333924	25.0	152954.0	0.333924	Y
3	IC 480-582488/8	2.0	1.339209	25.0	158041.0	0.669605	Y
4	IC 480-582488/9	5.0	5.040278	25.0	153310.0	1.008056	Y
5	IC 480-582488/10	10.0	12.136381	25.0	150226.0	1.213638	Y
6	ICIS 480-582488/11	25.0	34.007908	25.0	148958.0	1.360316	Y
7	IC 480-582488/12	50.0	67.114196	25.0	152746.0	1.342284	Y
8	IC 480-582488/13	100.0	105.439726	25.0	155017.0	1.054397	N



Calibration

/ 1,1-Dichloroethene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

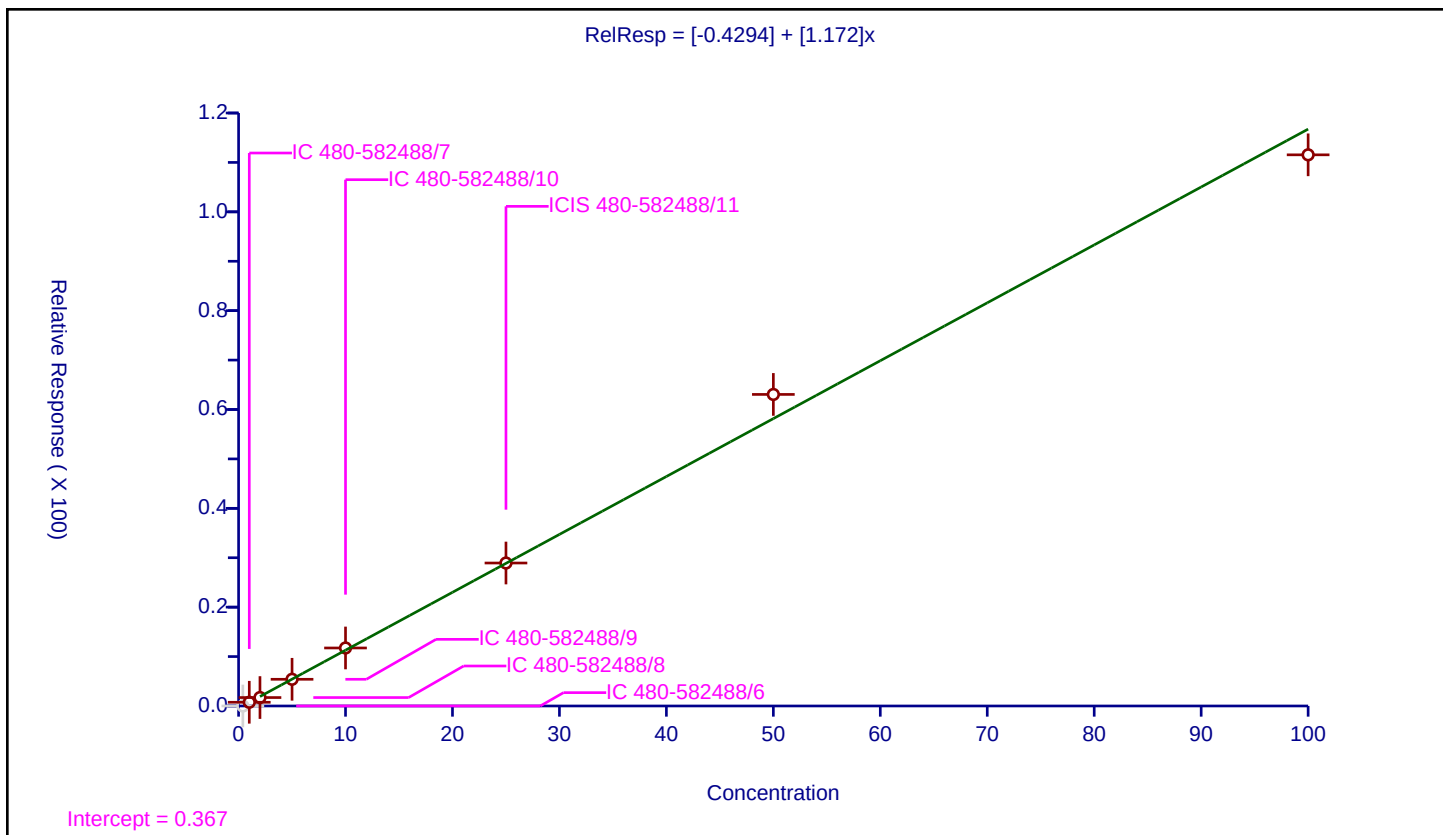
Curve Coefficients

Intercept: -0.4294
 Slope: 1.172

Error Coefficients

Standard Error: 364000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.0	25.0	150456.0	0.0	N
2	IC 480-582488/7	1.0	0.754966	25.0	152954.0	0.754966	Y
3	IC 480-582488/8	2.0	1.710316	25.0	158041.0	0.855158	Y
4	IC 480-582488/9	5.0	5.404899	25.0	153310.0	1.08098	Y
5	IC 480-582488/10	10.0	11.740977	25.0	150226.0	1.174098	Y
6	ICIS 480-582488/11	25.0	28.93282	25.0	148958.0	1.157313	Y
7	IC 480-582488/12	50.0	63.047641	25.0	152746.0	1.260953	Y
8	IC 480-582488/13	100.0	111.540831	25.0	155017.0	1.115408	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

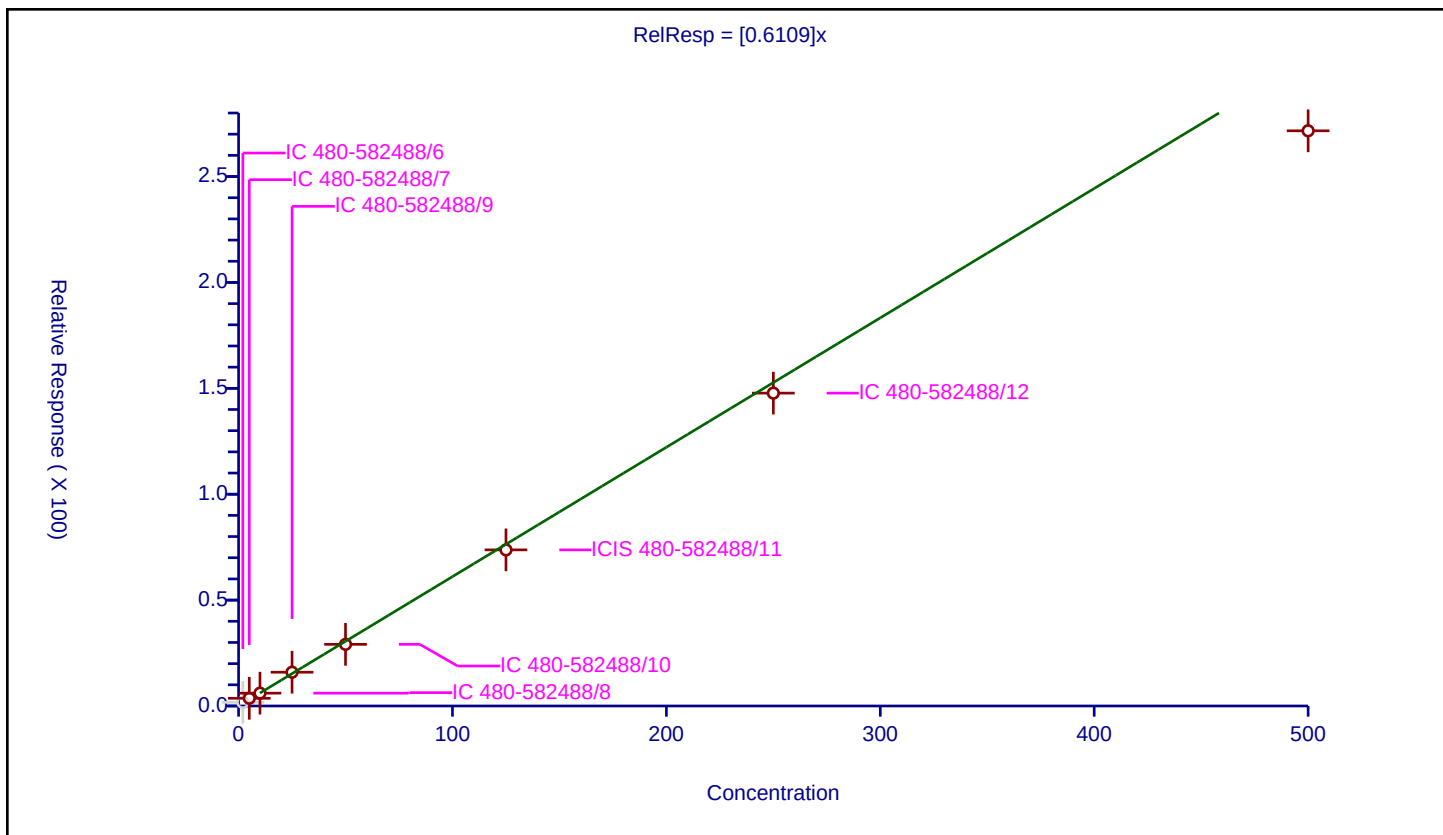
Curve Coefficients

Intercept: 0
 Slope: 0.6109

Error Coefficients

Standard Error: 805000
 Relative Standard Error: 9.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	2.0	1.717113	25.0	150456.0	0.858557	N
2	IC 480-582488/7	5.0	3.635897	25.0	152954.0	0.727179	Y
3	IC 480-582488/8	10.0	6.053176	25.0	158041.0	0.605318	Y
4	IC 480-582488/9	25.0	15.946611	25.0	153310.0	0.637864	Y
5	IC 480-582488/10	50.0	29.105481	25.0	150226.0	0.58211	Y
6	ICIS 480-582488/11	125.0	73.717256	25.0	148958.0	0.589738	Y
7	IC 480-582488/12	250.0	147.731692	25.0	152746.0	0.590927	Y
8	IC 480-582488/13	500.0	271.605372	25.0	155017.0	0.543211	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

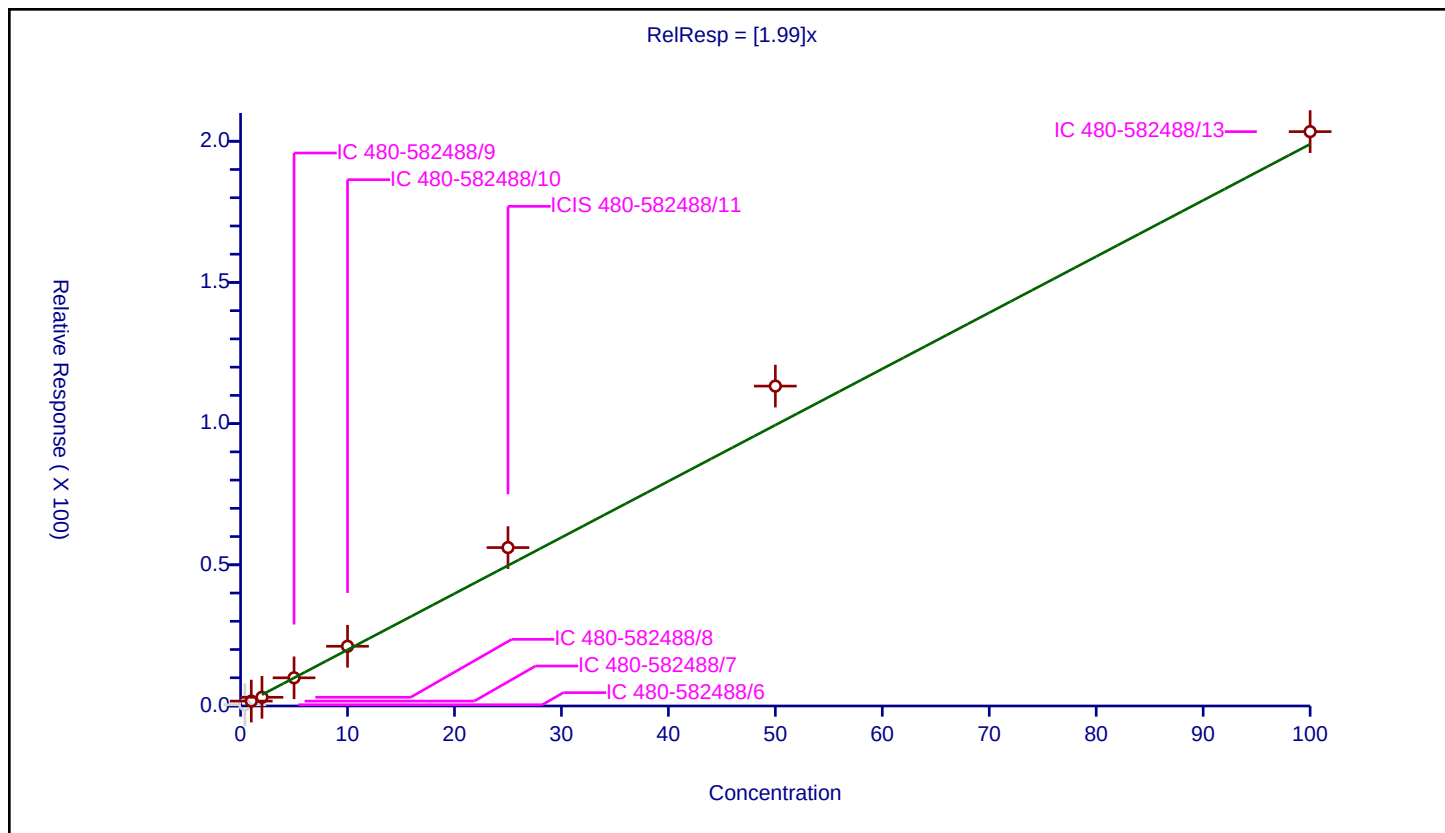
Curve Coefficients

Intercept: 0
 Slope: 1.99

Error Coefficients

Standard Error: 606000
 Relative Standard Error: 13.4
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.439497	25.0	150456.0	1.098743	N
2	IC 480-582488/7	1.0	1.733364	25.0	152954.0	1.733364	Y
3	IC 480-582488/8	2.0	3.079422	25.0	158041.0	1.539711	Y
4	IC 480-582488/9	5.0	9.977497	25.0	153310.0	1.995499	Y
5	IC 480-582488/10	10.0	21.153629	25.0	150226.0	2.115363	Y
6	ICIS 480-582488/11	25.0	56.098867	25.0	148958.0	2.243955	Y
7	IC 480-582488/12	50.0	113.28971	25.0	152746.0	2.265794	Y
8	IC 480-582488/13	100.0	203.408981	25.0	155017.0	2.03409	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

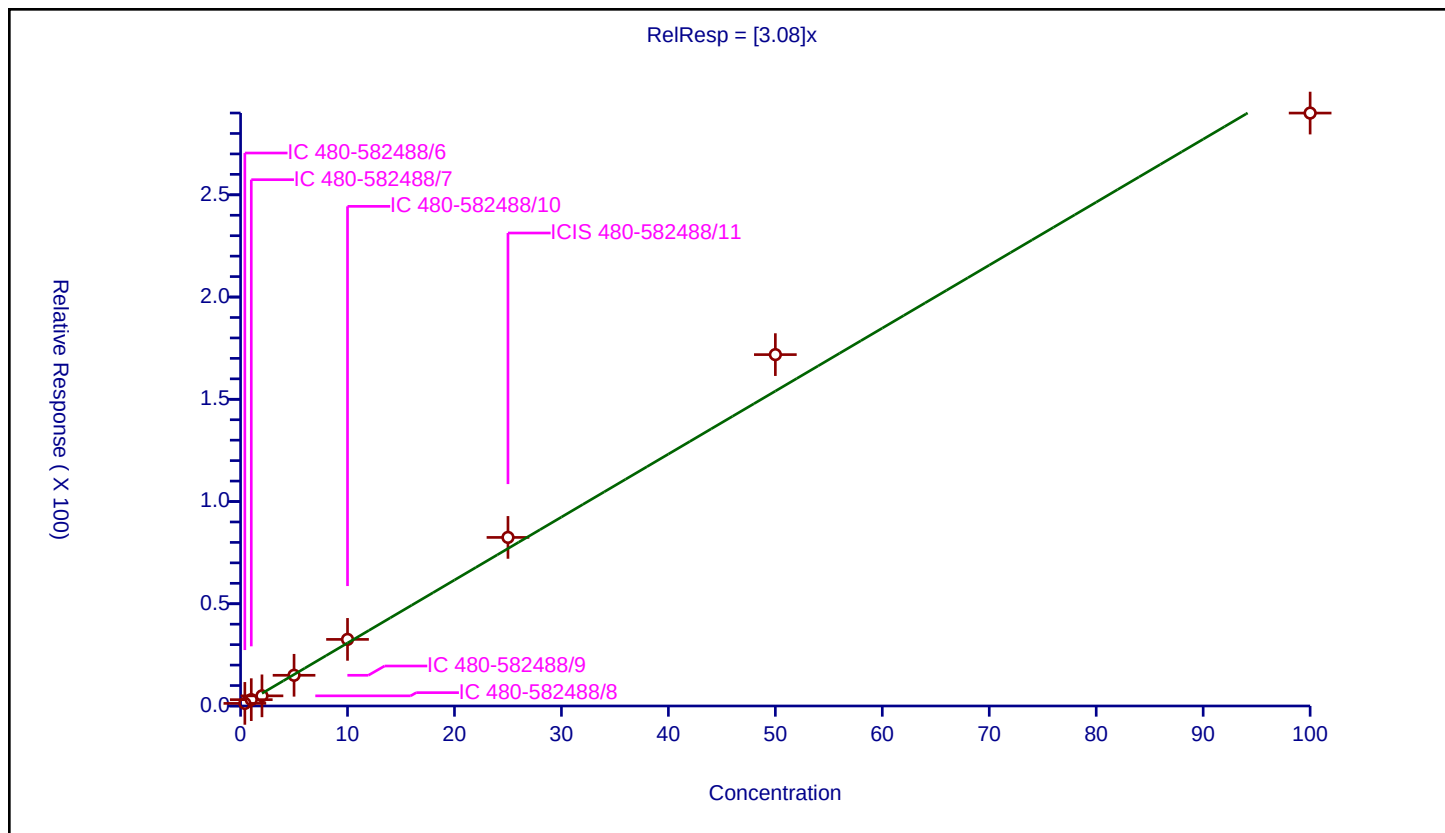
Curve Coefficients

Intercept: 0
 Slope: 3.08

Error Coefficients

Standard Error: 813000
 Relative Standard Error: 9.6
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.266982	25.0	150456.0	3.167454	Y
2	IC 480-582488/7	1.0	3.095702	25.0	152954.0	3.095702	Y
3	IC 480-582488/8	2.0	4.961687	25.0	158041.0	2.480844	Y
4	IC 480-582488/9	5.0	15.022014	25.0	153310.0	3.004403	Y
5	IC 480-582488/10	10.0	32.566932	25.0	150226.0	3.256693	Y
6	ICIS 480-582488/11	25.0	82.444045	25.0	148958.0	3.297762	Y
7	IC 480-582488/12	50.0	171.838542	25.0	152746.0	3.436771	Y
8	IC 480-582488/13	100.0	289.974325	25.0	155017.0	2.899743	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

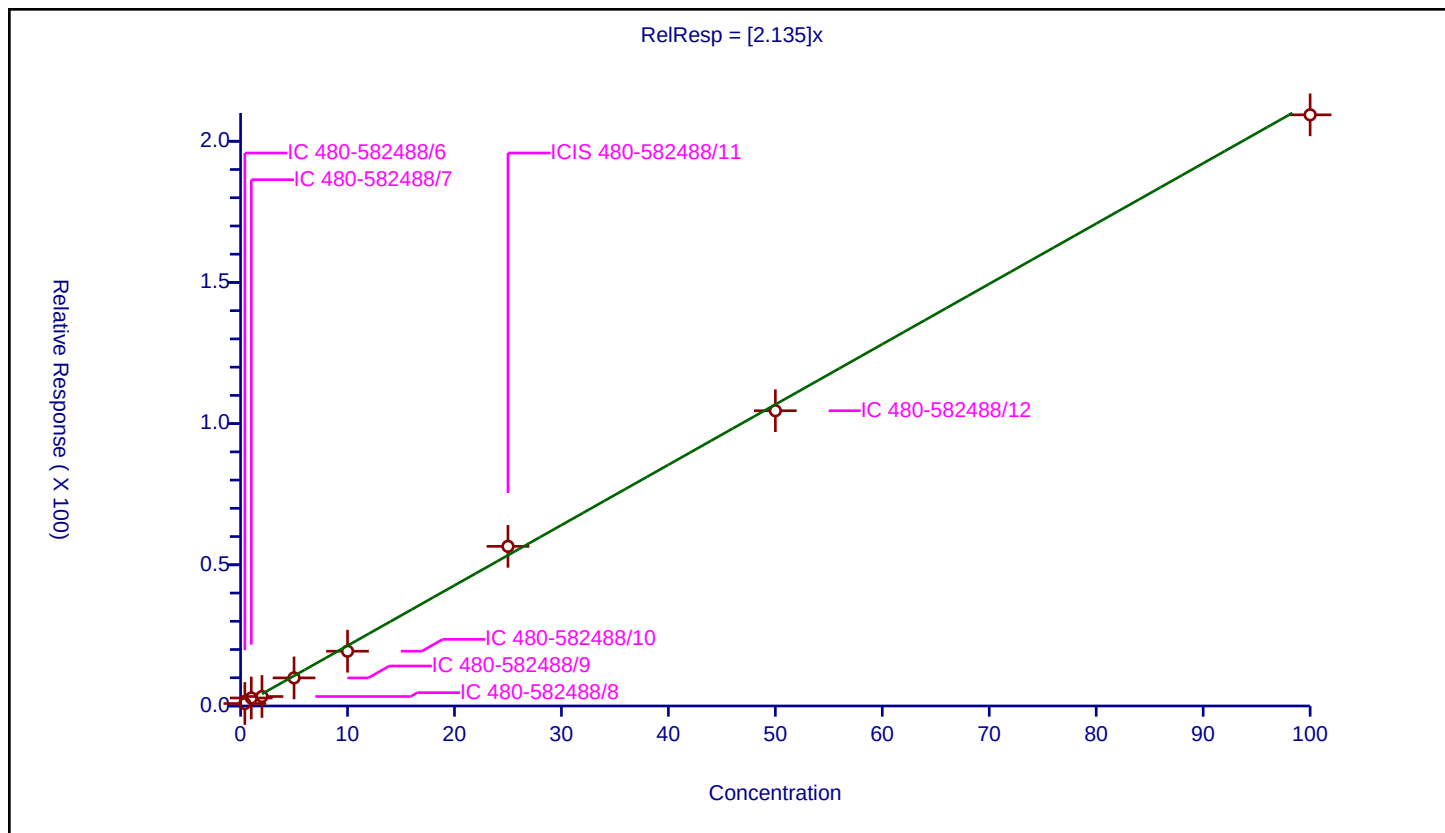
Curve Coefficients

Intercept: 0
 Slope: 2.135

Error Coefficients

Standard Error: 564000
 Relative Standard Error: 15.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.877499	25.0	150456.0	2.193748	Y
2	IC 480-582488/7	1.0	2.83533	25.0	152954.0	2.83533	Y
3	IC 480-582488/8	2.0	3.356724	25.0	158041.0	1.678362	Y
4	IC 480-582488/9	5.0	9.94847	25.0	153310.0	1.989694	Y
5	IC 480-582488/10	10.0	19.403432	25.0	150226.0	1.940343	Y
6	ICIS 480-582488/11	25.0	56.539931	25.0	148958.0	2.261597	Y
7	IC 480-582488/12	50.0	104.563949	25.0	152746.0	2.091279	Y
8	IC 480-582488/13	100.0	209.362199	25.0	155017.0	2.093622	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

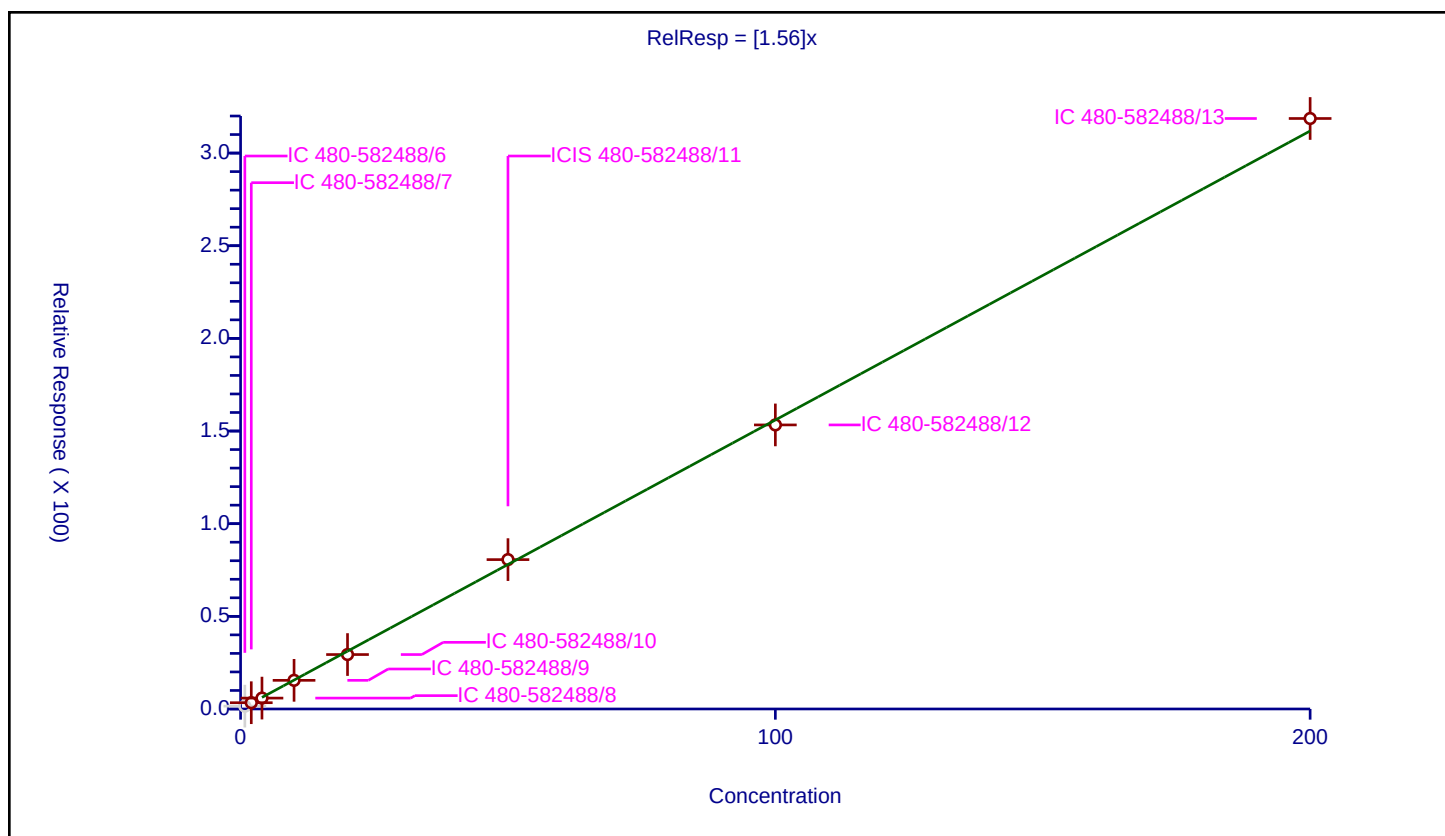
Curve Coefficients

Intercept: 0
 Slope: 1.56

Error Coefficients

Standard Error: 918000
 Relative Standard Error: 5.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.8	1.53068	25.0	150456.0	1.91335	N
2	IC 480-582488/7	2.0	3.387947	25.0	152954.0	1.693973	Y
3	IC 480-582488/8	4.0	5.874267	25.0	158041.0	1.468567	Y
4	IC 480-582488/9	10.0	15.4698	25.0	153310.0	1.54698	Y
5	IC 480-582488/10	20.0	29.382397	25.0	150226.0	1.46912	Y
6	ICIS 480-582488/11	50.0	80.611313	25.0	148958.0	1.612226	Y
7	IC 480-582488/12	100.0	153.302378	25.0	152746.0	1.533024	Y
8	IC 480-582488/13	200.0	318.659889	25.0	155017.0	1.593299	Y



Calibration

/ Methylene Chloride

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

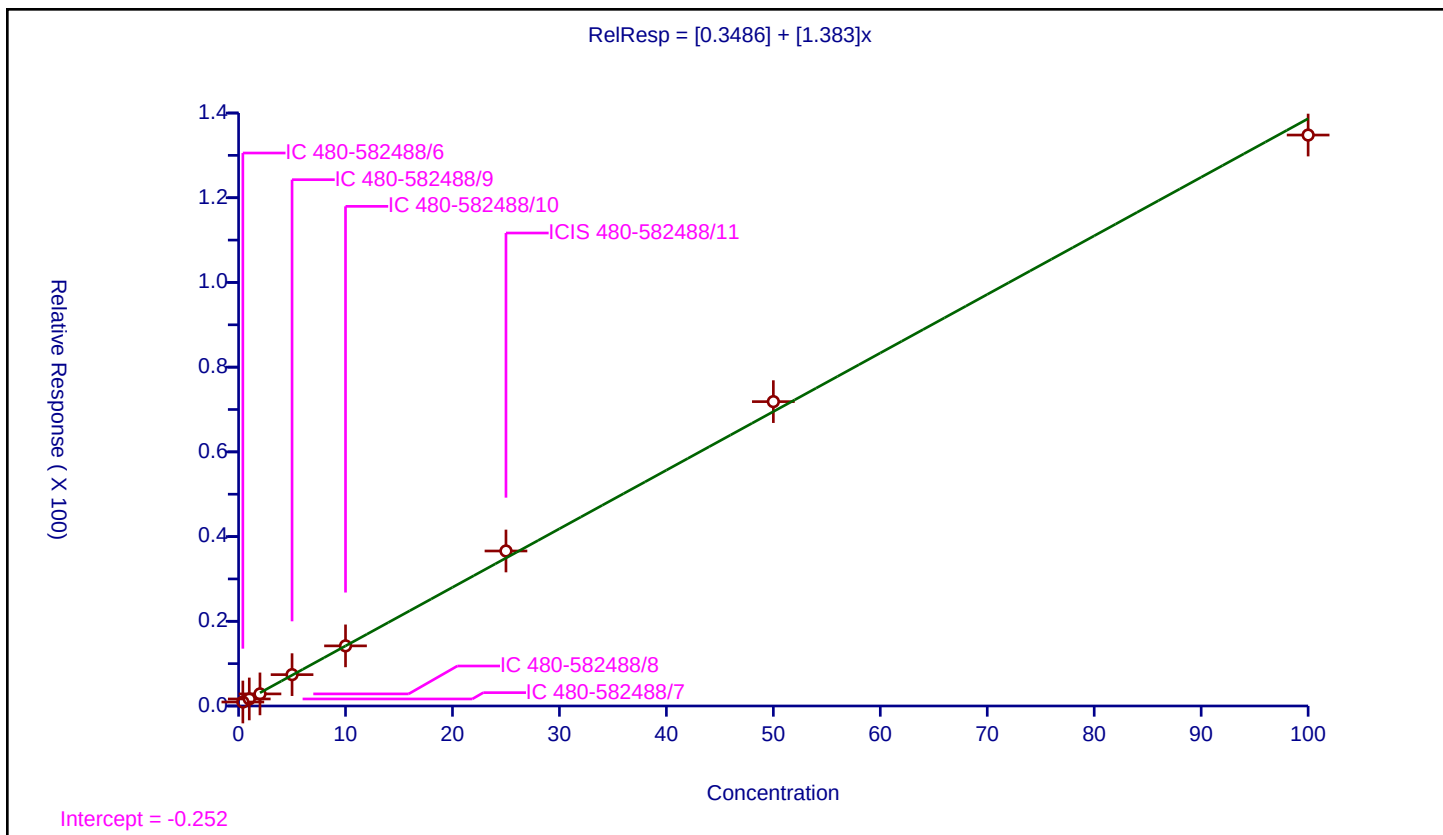
Curve Coefficients

Intercept: 0.3486
 Slope: 1.383

Error Coefficients

Standard Error: 398000
 Relative Standard Error: 5.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.941139	25.0	150456.0	2.352847	Y
2	IC 480-582488/7	1.0	1.662101	25.0	152954.0	1.662101	Y
3	IC 480-582488/8	2.0	2.852899	25.0	158041.0	1.426449	Y
4	IC 480-582488/9	5.0	7.397756	25.0	153310.0	1.479551	Y
5	IC 480-582488/10	10.0	14.192284	25.0	150226.0	1.419228	Y
6	ICIS 480-582488/11	25.0	36.595718	25.0	148958.0	1.463829	Y
7	IC 480-582488/12	50.0	71.861947	25.0	152746.0	1.437239	Y
8	IC 480-582488/13	100.0	134.798764	25.0	155017.0	1.347988	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

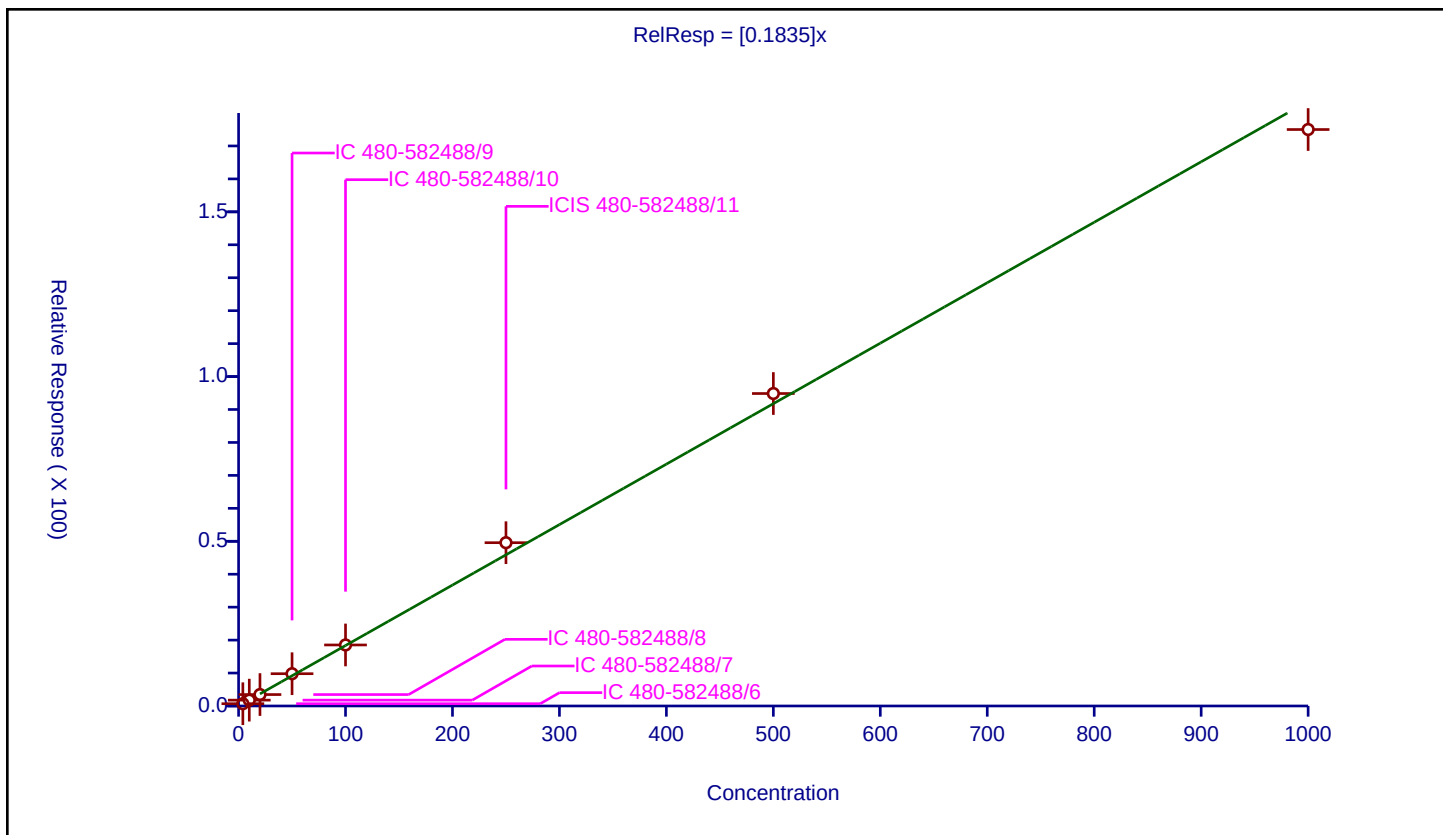
Curve Coefficients

Intercept: 0
 Slope: 0.1835

Error Coefficients

Standard Error: 481000
 Relative Standard Error: 5.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	4.0	0.6909	25.0	150456.0	0.172725	Y
2	IC 480-582488/7	10.0	1.77962	25.0	152954.0	0.177962	Y
3	IC 480-582488/8	20.0	3.469353	25.0	158041.0	0.173468	Y
4	IC 480-582488/9	50.0	9.799589	25.0	153310.0	0.195992	Y
5	IC 480-582488/10	100.0	18.525755	25.0	150226.0	0.185258	Y
6	ICIS 480-582488/11	250.0	49.570852	25.0	148958.0	0.198283	Y
7	IC 480-582488/12	500.0	94.847492	25.0	152746.0	0.189695	Y
8	IC 480-582488/13	1000.0	174.993065	25.0	155017.0	0.174993	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

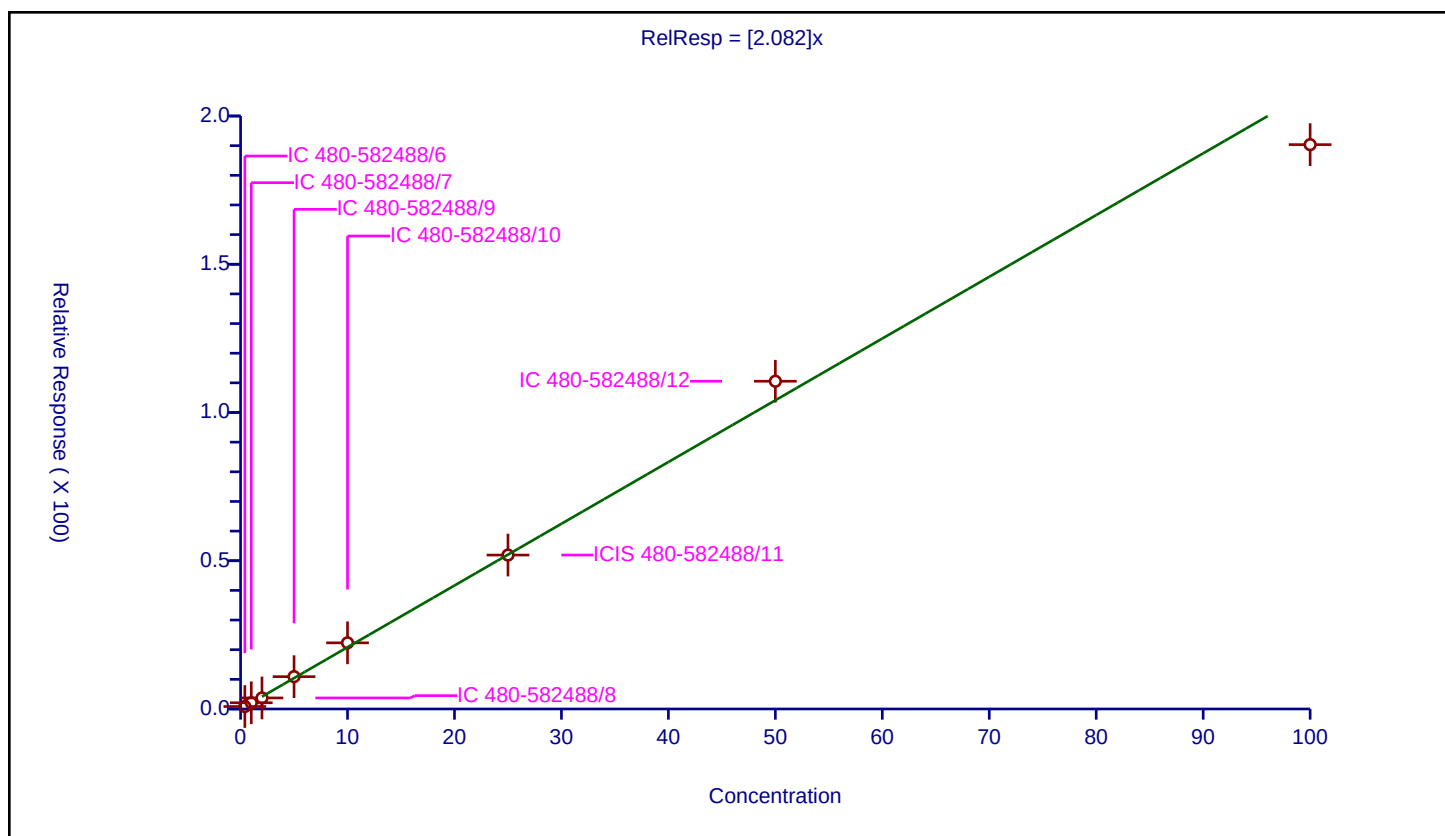
Curve Coefficients

Intercept: 0
Slope: 2.082

Error Coefficients

Standard Error: 530000
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	IC 480-582488/6	0.4	0.835128	25.0	150456.0	2.08782	Y
2	IC 480-582488/7	1.0	2.104227	25.0	152954.0	2.104227	Y
3	IC 480-582488/8	2.0	3.730045	25.0	158041.0	1.865022	Y
4	IC 480-582488/9	5.0	10.901115	25.0	153310.0	2.180223	Y
5	IC 480-582488/10	10.0	22.310386	25.0	150226.0	2.231039	Y
6	ICIS 480-582488/11	25.0	51.915305	25.0	148958.0	2.076612	Y
7	IC 480-582488/12	50.0	110.542011	25.0	152746.0	2.21084	Y
8	IC 480-582488/13	100.0	190.345898	25.0	155017.0	1.903459	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

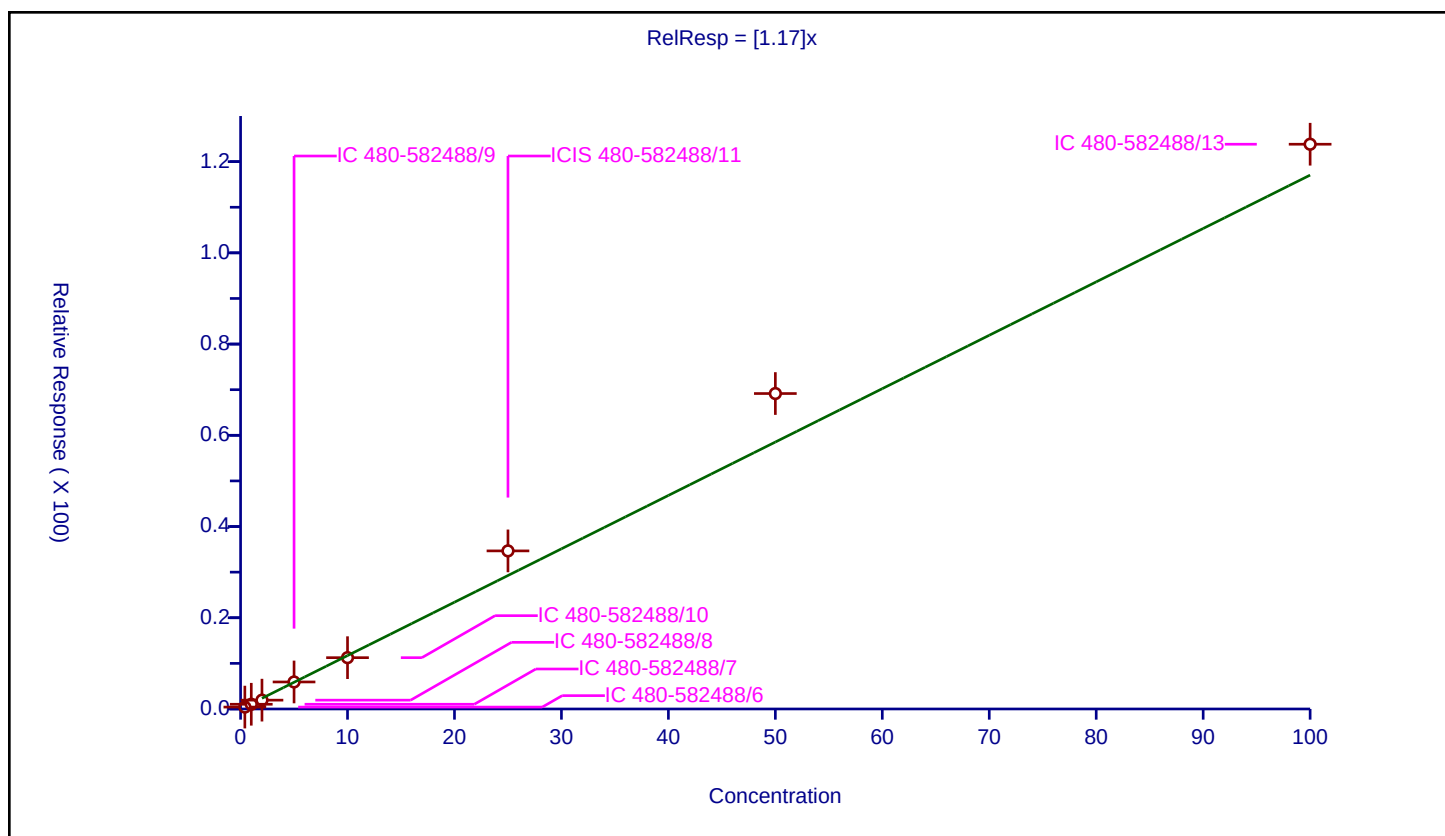
Curve Coefficients

Intercept: 0
Slope: 1.17

Error Coefficients

Standard Error: 342000
Relative Standard Error: 13.5
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.417398	25.0	150456.0	1.043494	Y
2	IC 480-582488/7	1.0	1.034788	25.0	152954.0	1.034788	Y
3	IC 480-582488/8	2.0	1.93589	25.0	158041.0	0.967945	Y
4	IC 480-582488/9	5.0	5.922477	25.0	153310.0	1.184495	Y
5	IC 480-582488/10	10.0	11.252047	25.0	150226.0	1.125205	Y
6	ICIS 480-582488/11	25.0	34.658763	25.0	148958.0	1.386351	Y
7	IC 480-582488/12	50.0	69.15713	25.0	152746.0	1.383143	Y
8	IC 480-582488/13	100.0	123.814969	25.0	155017.0	1.23815	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

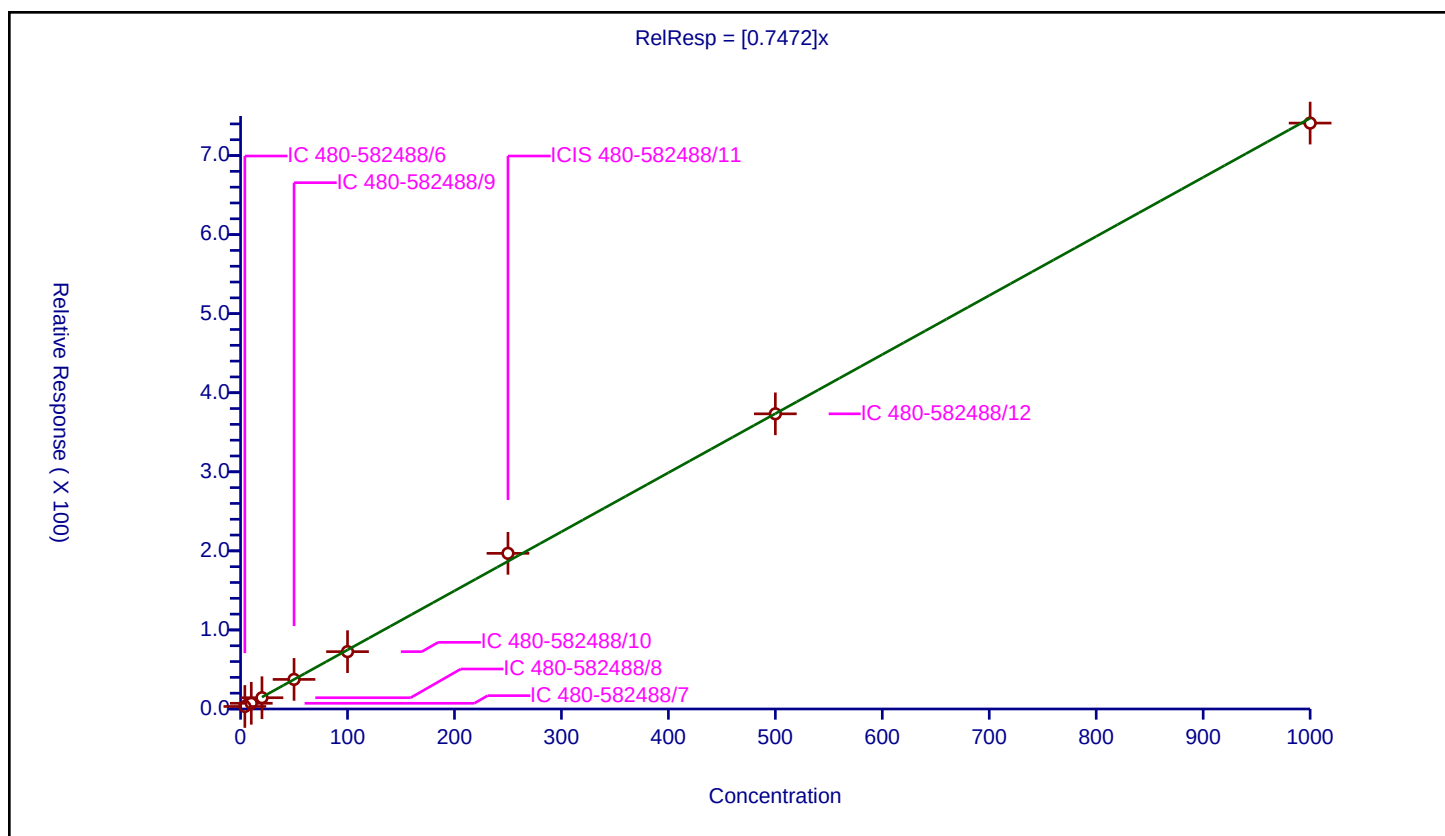
Curve Coefficients

Intercept: 0
 Slope: 0.7472

Error Coefficients

Standard Error: 2000000
 Relative Standard Error: 4.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	4.0	3.179169	25.0	150456.0	0.794792	Y
2	IC 480-582488/7	10.0	7.211155	25.0	152954.0	0.721115	Y
3	IC 480-582488/8	20.0	14.24662	25.0	158041.0	0.712331	Y
4	IC 480-582488/9	50.0	37.43037	25.0	153310.0	0.748607	Y
5	IC 480-582488/10	100.0	72.527392	25.0	150226.0	0.725274	Y
6	ICIS 480-582488/11	250.0	196.861531	25.0	148958.0	0.787446	Y
7	IC 480-582488/12	500.0	373.314522	25.0	152746.0	0.746629	Y
8	IC 480-582488/13	1000.0	741.072108	25.0	155017.0	0.741072	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

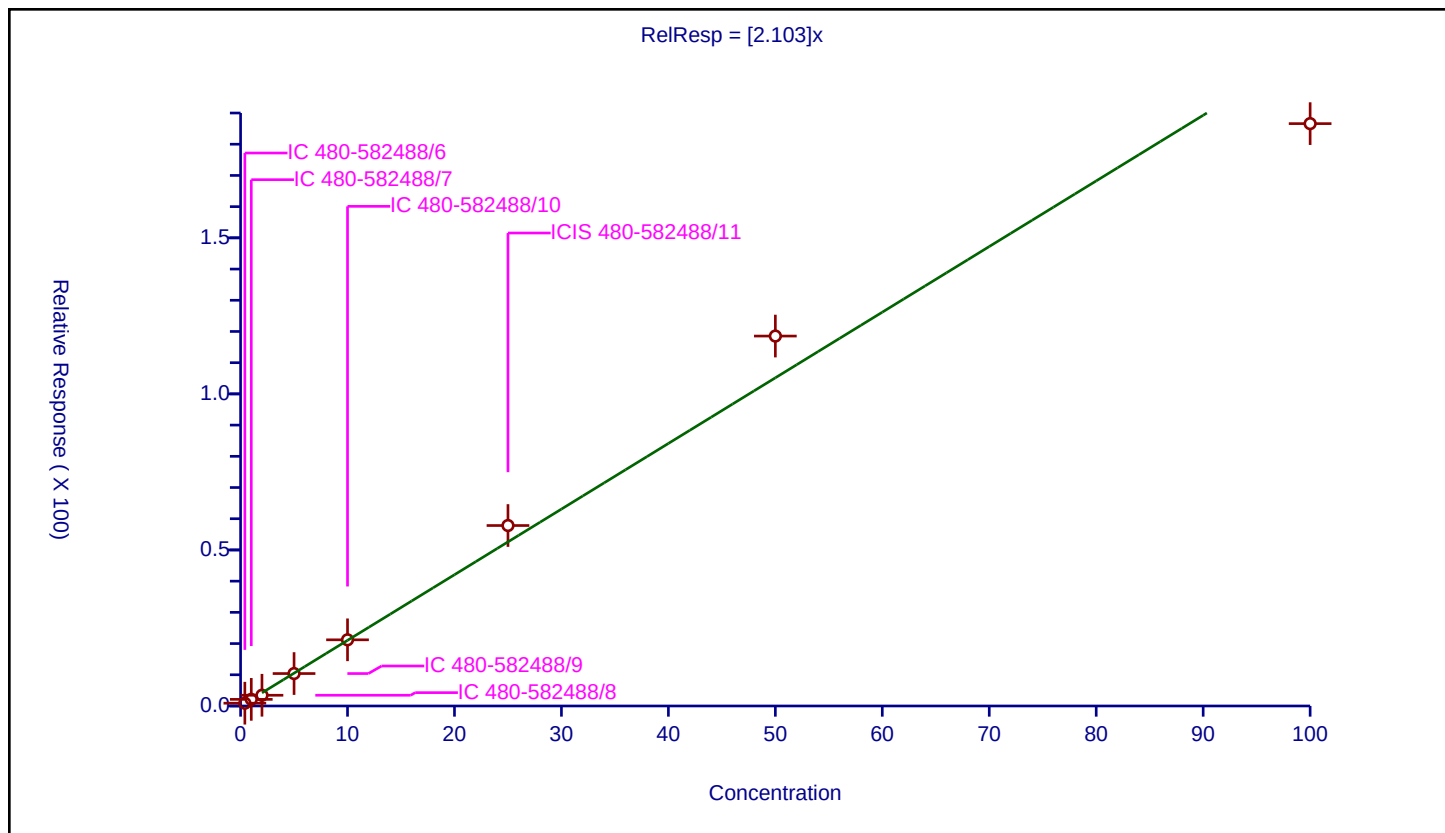
Curve Coefficients

Intercept: 0
Slope: 2.103

Error Coefficients

Standard Error: 535000
Relative Standard Error: 10.5
Correlation Coefficient: 0.986
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.894448	25.0	150456.0	2.236119	Y
2	IC 480-582488/7	1.0	2.121553	25.0	152954.0	2.121553	Y
3	IC 480-582488/8	2.0	3.436925	25.0	158041.0	1.718462	Y
4	IC 480-582488/9	5.0	10.391364	25.0	153310.0	2.078273	Y
5	IC 480-582488/10	10.0	21.20372	25.0	150226.0	2.120372	Y
6	ICIS 480-582488/11	25.0	57.827038	25.0	148958.0	2.313082	Y
7	IC 480-582488/12	50.0	118.531582	25.0	152746.0	2.370632	Y
8	IC 480-582488/13	100.0	186.603082	25.0	155017.0	1.866031	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

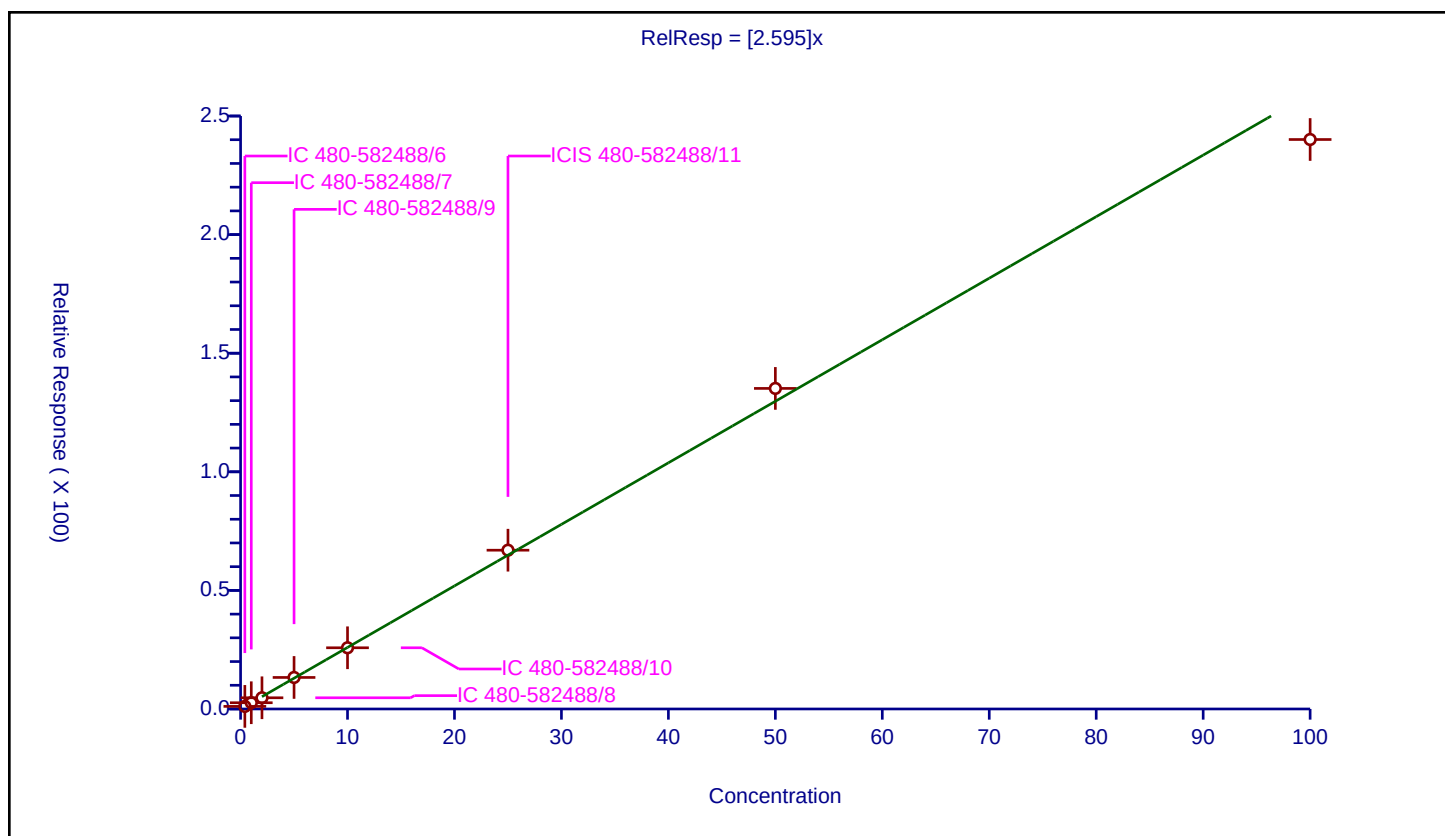
Curve Coefficients

Intercept: 0
Slope: 2.595

Error Coefficients

Standard Error: 664000
Relative Standard Error: 5.4
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.092678	25.0	150456.0	2.731696	Y
2	IC 480-582488/7	1.0	2.64148	25.0	152954.0	2.64148	Y
3	IC 480-582488/8	2.0	4.724882	25.0	158041.0	2.362441	Y
4	IC 480-582488/9	5.0	13.29349	25.0	153310.0	2.658698	Y
5	IC 480-582488/10	10.0	25.805952	25.0	150226.0	2.580595	Y
6	ICIS 480-582488/11	25.0	66.943367	25.0	148958.0	2.677735	Y
7	IC 480-582488/12	50.0	135.155258	25.0	152746.0	2.703105	Y
8	IC 480-582488/13	100.0	240.09657	25.0	155017.0	2.400966	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

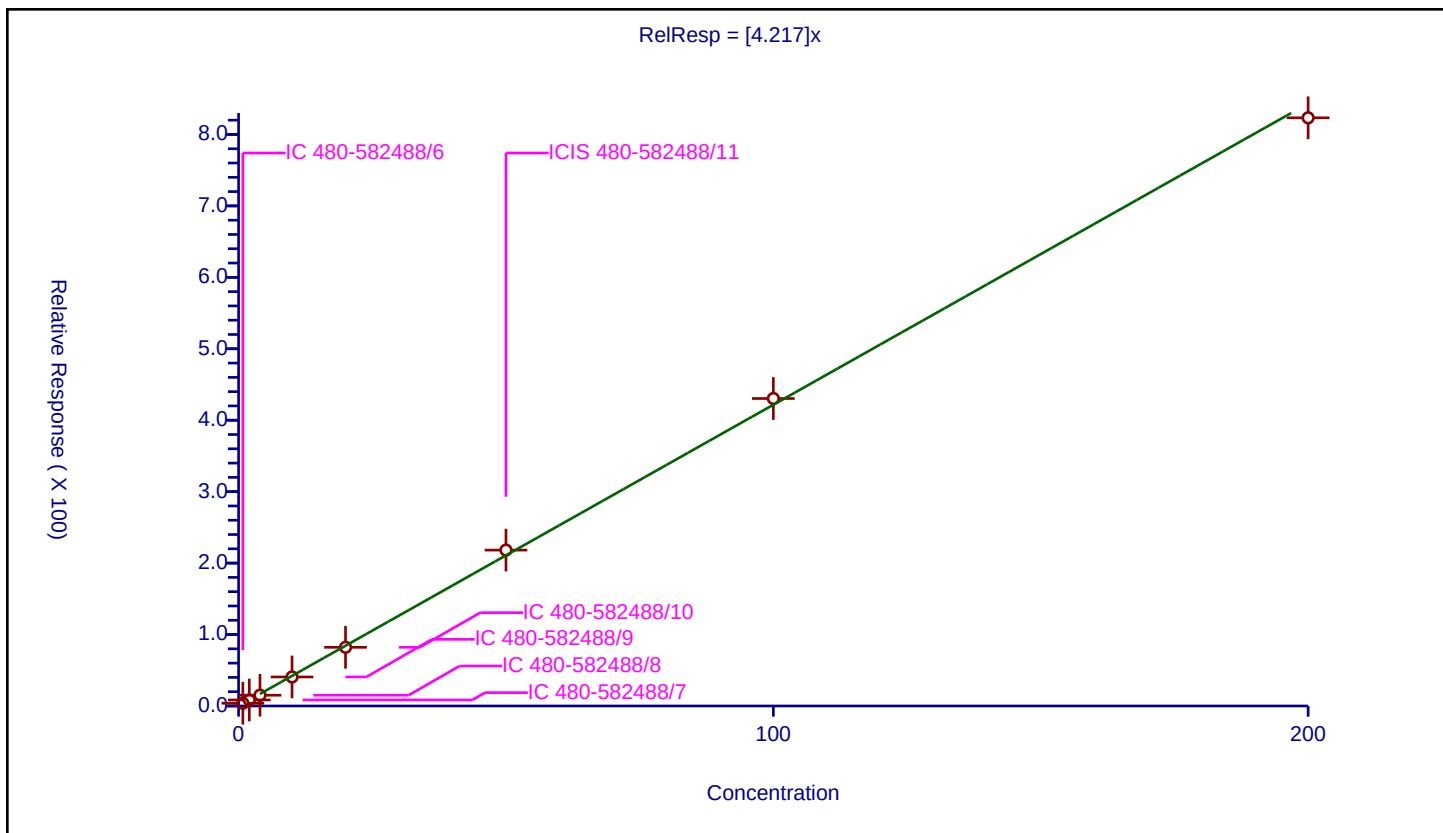
Curve Coefficients

Intercept: 0
 Slope: 4.217

Error Coefficients

Standard Error: 2240000
 Relative Standard Error: 7.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.8	3.838498	25.0	150456.0	4.798122	Y
2	IC 480-582488/7	2.0	8.423611	25.0	152954.0	4.211806	Y
3	IC 480-582488/8	4.0	15.074411	25.0	158041.0	3.768603	Y
4	IC 480-582488/9	10.0	40.641348	25.0	153310.0	4.064135	Y
5	IC 480-582488/10	20.0	82.131588	25.0	150226.0	4.106579	Y
6	ICIS 480-582488/11	50.0	218.183817	25.0	148958.0	4.363676	Y
7	IC 480-582488/12	100.0	430.393104	25.0	152746.0	4.303931	Y
8	IC 480-582488/13	200.0	823.29309	25.0	155017.0	4.116465	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

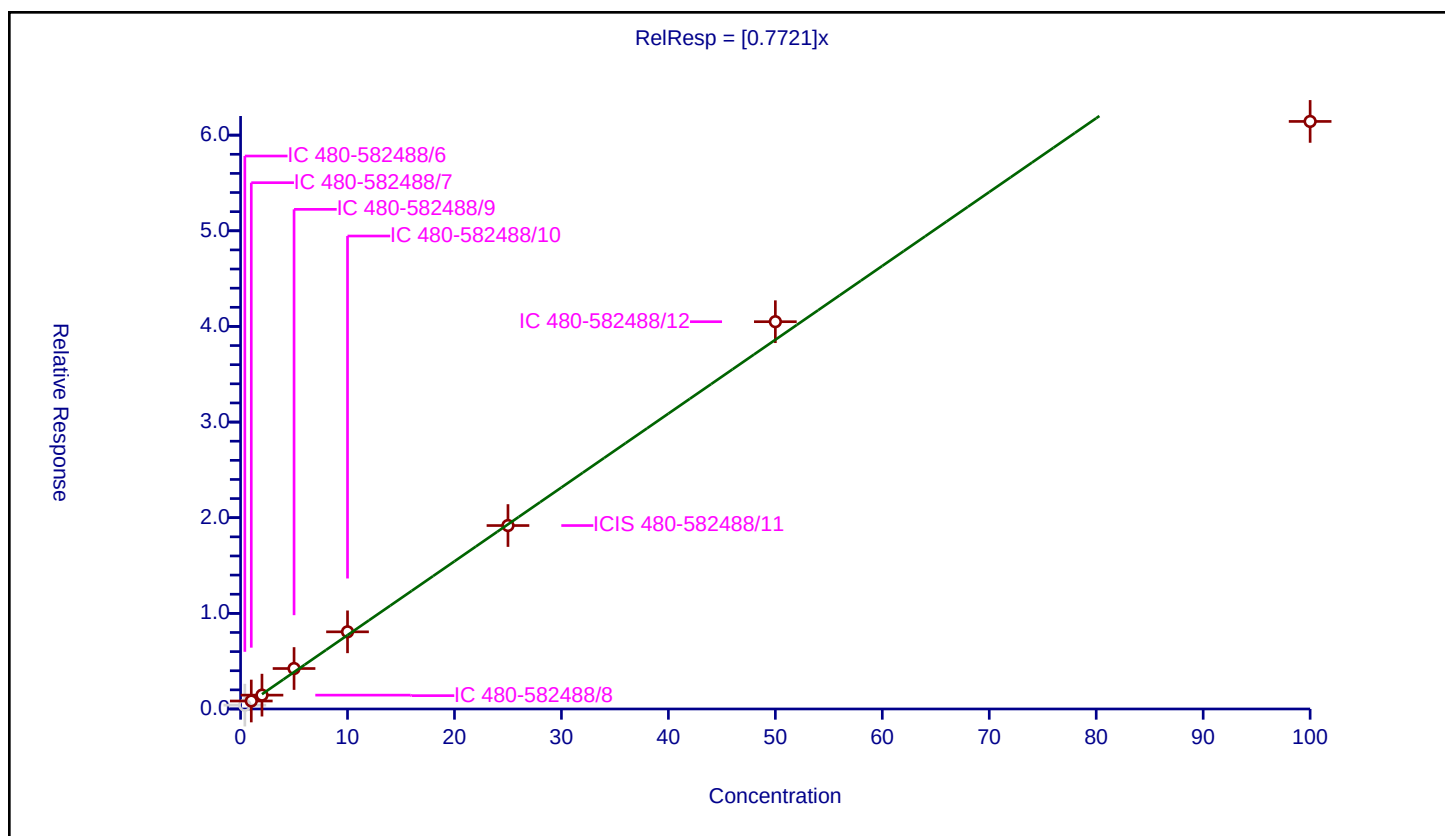
Curve Coefficients

Intercept: 0
Slope: 0.7721

Error Coefficients

Standard Error: 193000
Relative Standard Error: 10.5
Correlation Coefficient: 0.981
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.403274	25.0	150456.0	1.008185	N
2	IC 480-582488/7	1.0	0.835545	25.0	152954.0	0.835545	Y
3	IC 480-582488/8	2.0	1.449466	25.0	158041.0	0.724733	Y
4	IC 480-582488/9	5.0	4.231296	25.0	153310.0	0.846259	Y
5	IC 480-582488/10	10.0	8.069009	25.0	150226.0	0.806901	Y
6	ICIS 480-582488/11	25.0	19.182085	25.0	148958.0	0.767283	Y
7	IC 480-582488/12	50.0	40.494514	25.0	152746.0	0.80989	Y
8	IC 480-582488/13	100.0	61.435197	25.0	155017.0	0.614352	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

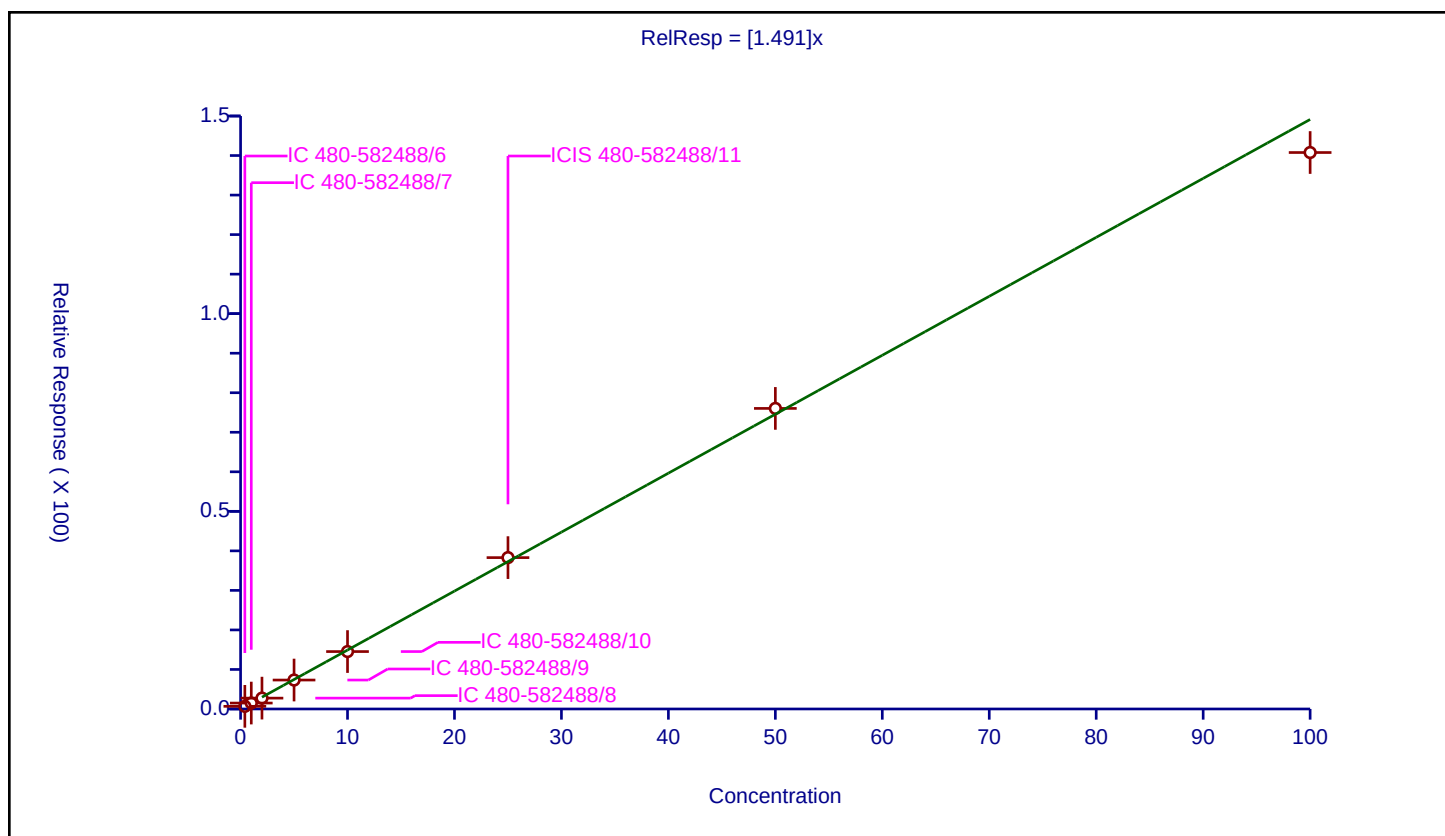
Curve Coefficients

Intercept: 0
Slope: 1.491

Error Coefficients

Standard Error: 385000
Relative Standard Error: 6.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.67096	25.0	150456.0	1.677401	Y
2	IC 480-582488/7	1.0	1.500778	25.0	152954.0	1.500778	Y
3	IC 480-582488/8	2.0	2.748812	25.0	158041.0	1.374406	Y
4	IC 480-582488/9	5.0	7.324212	25.0	153310.0	1.464842	Y
5	IC 480-582488/10	10.0	14.52861	25.0	150226.0	1.452861	Y
6	ICIS 480-582488/11	25.0	38.294184	25.0	148958.0	1.531767	Y
7	IC 480-582488/12	50.0	76.036361	25.0	152746.0	1.520727	Y
8	IC 480-582488/13	100.0	140.764884	25.0	155017.0	1.407649	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

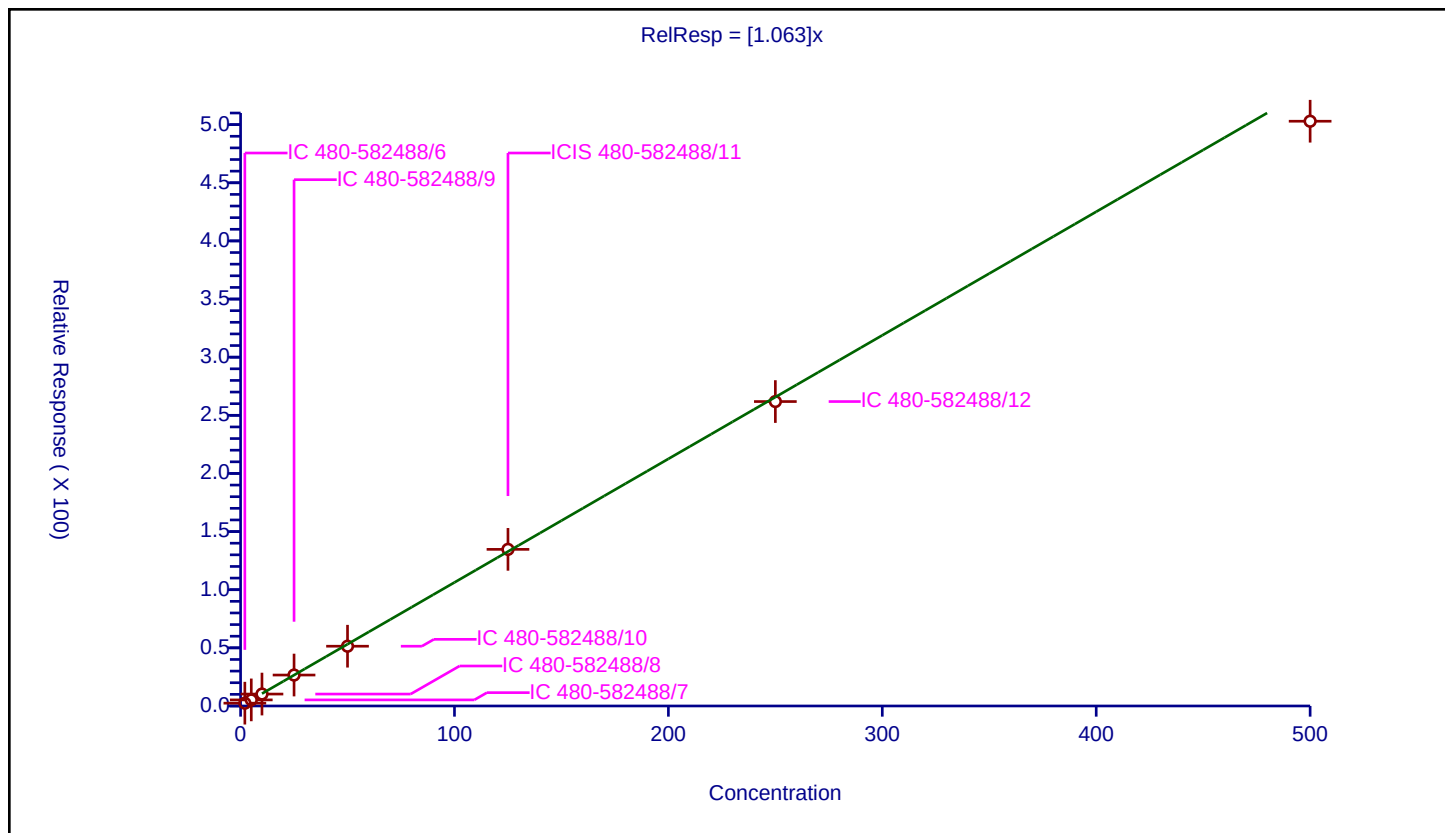
Curve Coefficients

Intercept: 0
 Slope: 1.063

Error Coefficients

Standard Error: 1370000
 Relative Standard Error: 5.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	2.0	2.409176	25.0	150456.0	1.204588	Y
2	IC 480-582488/7	5.0	5.235561	25.0	152954.0	1.047112	Y
3	IC 480-582488/8	10.0	10.267905	25.0	158041.0	1.026791	Y
4	IC 480-582488/9	25.0	26.608832	25.0	153310.0	1.064353	Y
5	IC 480-582488/10	50.0	51.402221	25.0	150226.0	1.028044	Y
6	ICIS 480-582488/11	125.0	134.699882	25.0	148958.0	1.077599	Y
7	IC 480-582488/12	250.0	261.845809	25.0	152746.0	1.047383	Y
8	IC 480-582488/13	500.0	502.94129	25.0	155017.0	1.005883	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

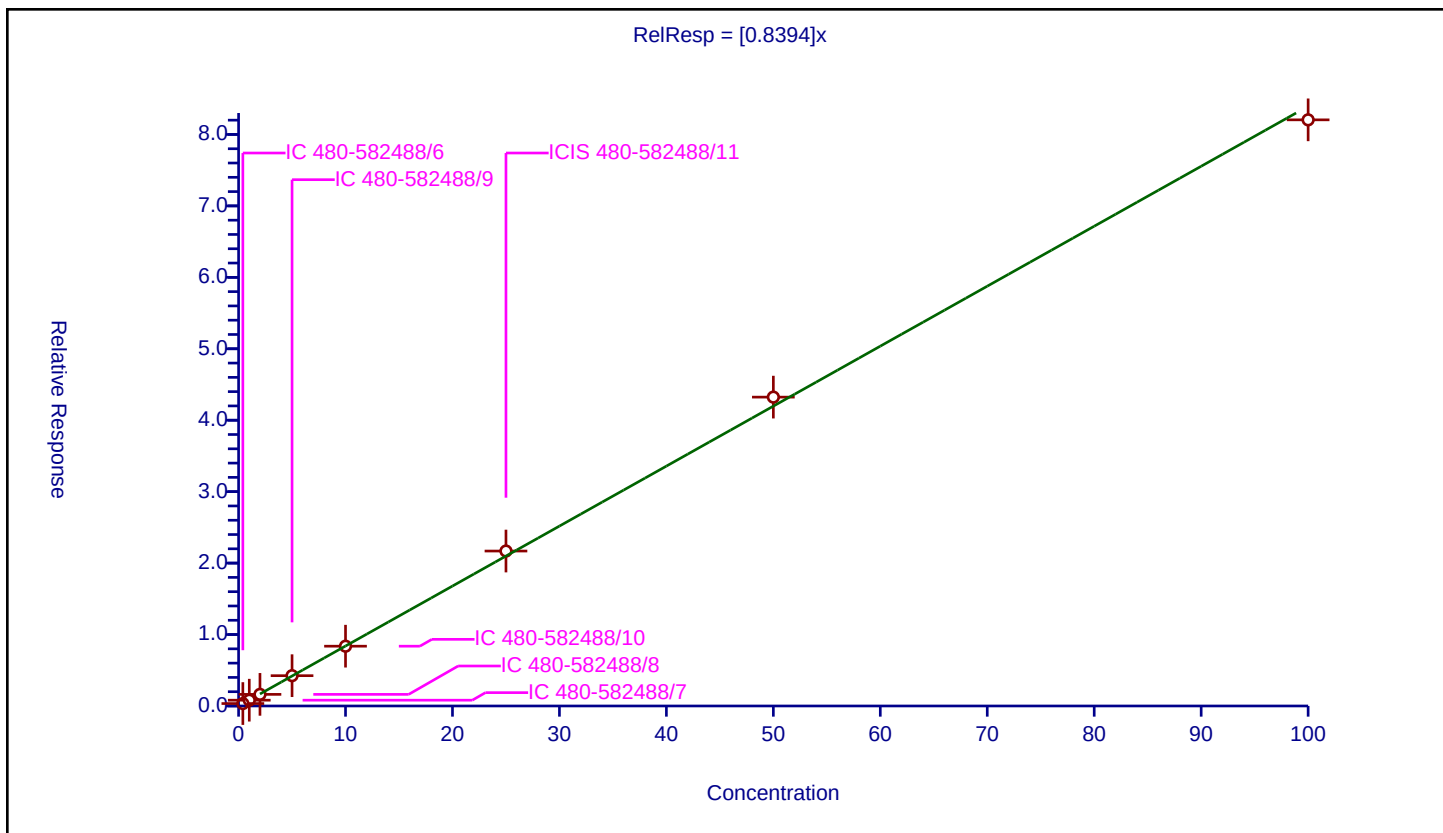
Curve Coefficients

Intercept: 0
 Slope: 0.8394

Error Coefficients

Standard Error: 223000
 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	IC 480-582488/6	0.4	0.34113	25.0	150456.0	0.852824	Y
2	IC 480-582488/7	1.0	0.812336	25.0	152954.0	0.812336	Y
3	IC 480-582488/8	2.0	1.624262	25.0	158041.0	0.812131	Y
4	IC 480-582488/9	5.0	4.242548	25.0	153310.0	0.84851	Y
5	IC 480-582488/10	10.0	8.368891	25.0	150226.0	0.836889	Y
6	ICIS 480-582488/11	25.0	21.690007	25.0	148958.0	0.8676	Y
7	IC 480-582488/12	50.0	43.231083	25.0	152746.0	0.864622	Y
8	IC 480-582488/13	100.0	82.043582	25.0	155017.0	0.820436	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

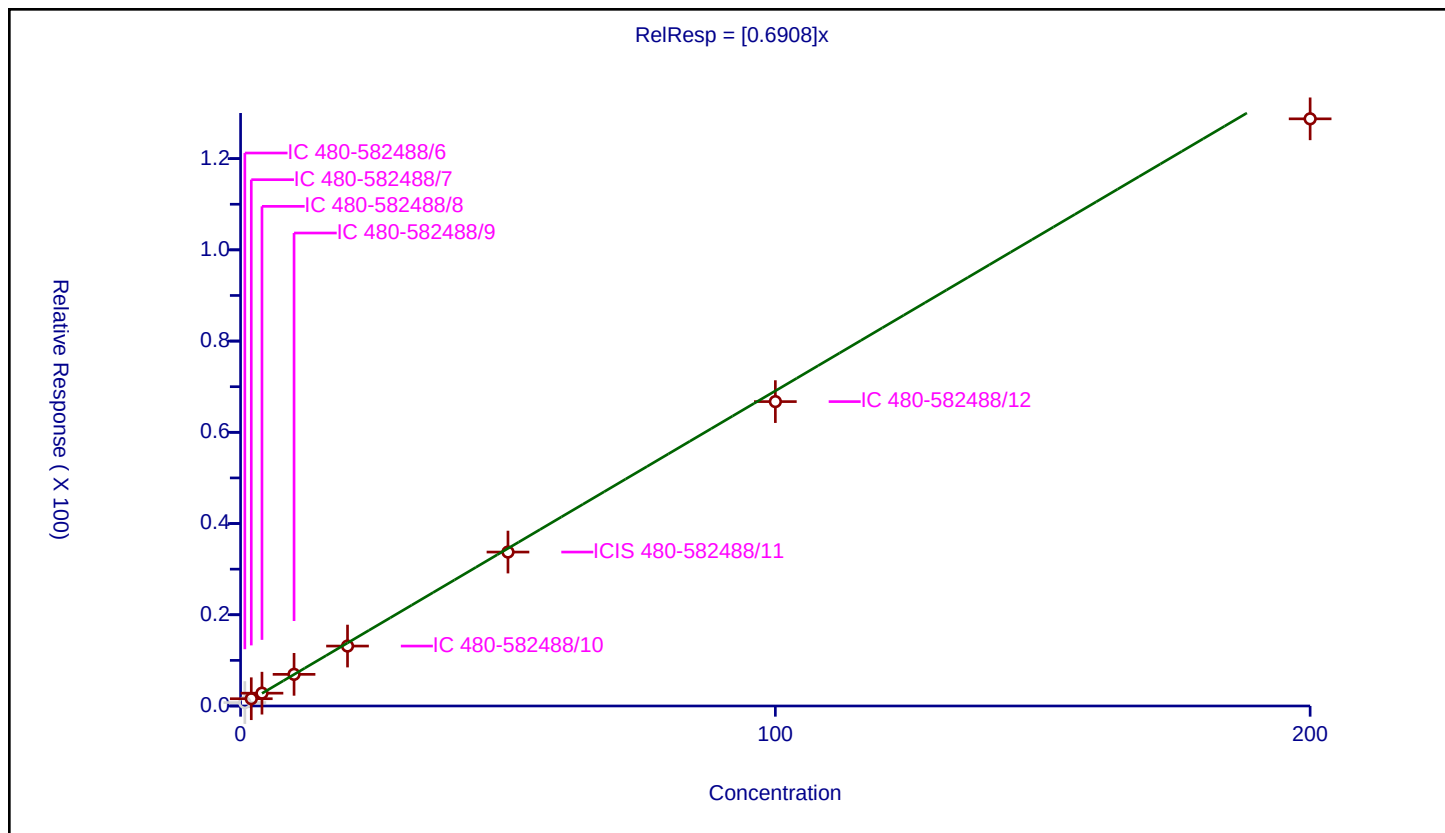
Curve Coefficients

Intercept: 0
 Slope: 0.6908

Error Coefficients

Standard Error: 377000
 Relative Standard Error: 7.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.8	0.749222	25.0	150456.0	0.936528	N
2	IC 480-582488/7	2.0	1.59378	25.0	152954.0	0.79689	Y
3	IC 480-582488/8	4.0	2.81003	25.0	158041.0	0.702508	Y
4	IC 480-582488/9	10.0	6.937577	25.0	153310.0	0.693758	Y
5	IC 480-582488/10	20.0	13.137207	25.0	150226.0	0.65686	Y
6	ICIS 480-582488/11	50.0	33.745083	25.0	148958.0	0.674902	Y
7	IC 480-582488/12	100.0	66.73088	25.0	152746.0	0.667309	Y
8	IC 480-582488/13	200.0	128.725559	25.0	155017.0	0.643628	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

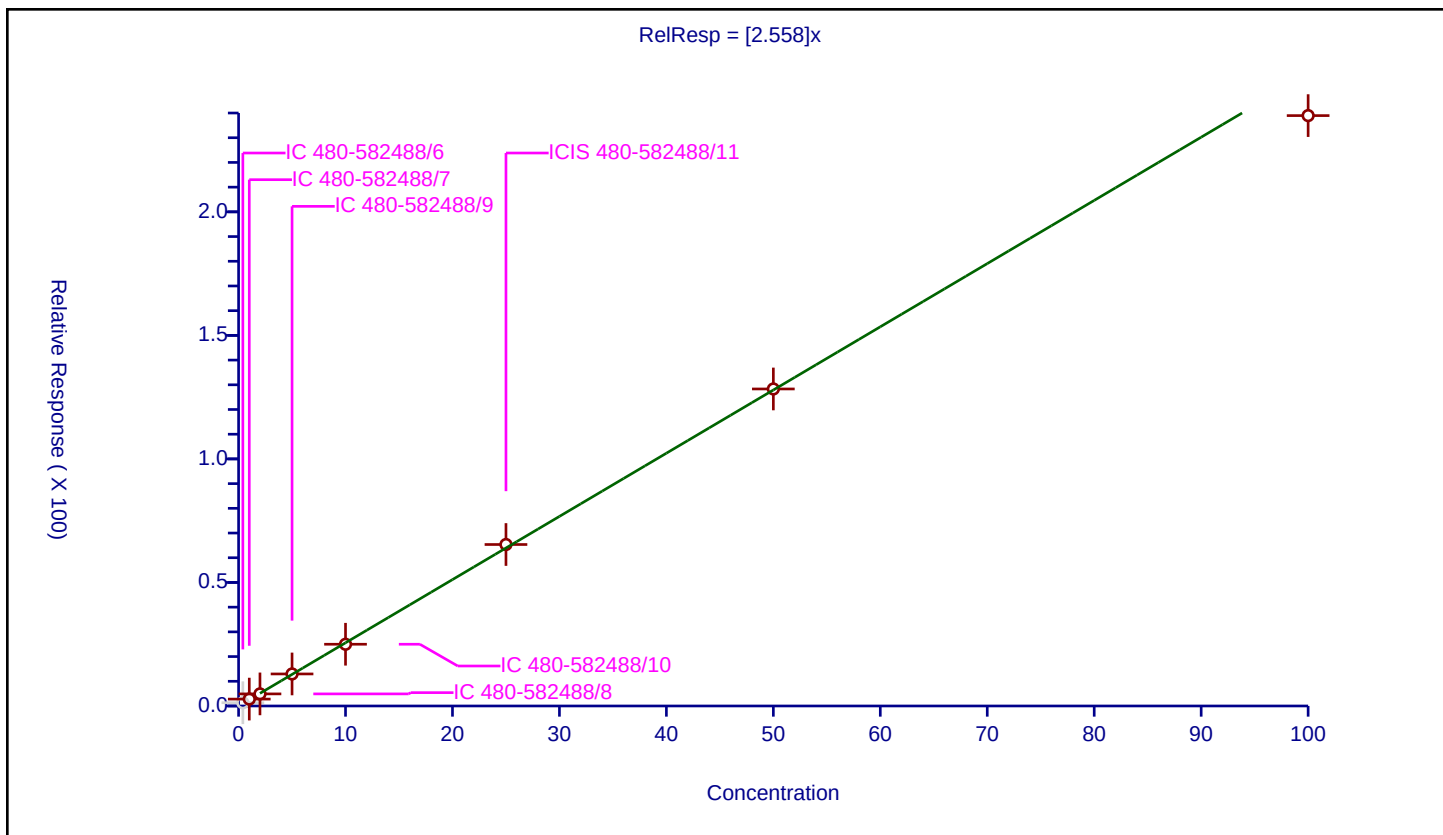
Curve Coefficients

Intercept: 0
Slope: 2.558

Error Coefficients

Standard Error: 706000
Relative Standard Error: 5.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.322978	25.0	150456.0	3.307445	N
2	IC 480-582488/7	1.0	2.79316	25.0	152954.0	2.79316	Y
3	IC 480-582488/8	2.0	4.899678	25.0	158041.0	2.449839	Y
4	IC 480-582488/9	5.0	12.968006	25.0	153310.0	2.593601	Y
5	IC 480-582488/10	10.0	24.985855	25.0	150226.0	2.498585	Y
6	ICIS 480-582488/11	25.0	65.358188	25.0	148958.0	2.614328	Y
7	IC 480-582488/12	50.0	128.313016	25.0	152746.0	2.56626	Y
8	IC 480-582488/13	100.0	238.954276	25.0	155017.0	2.389543	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

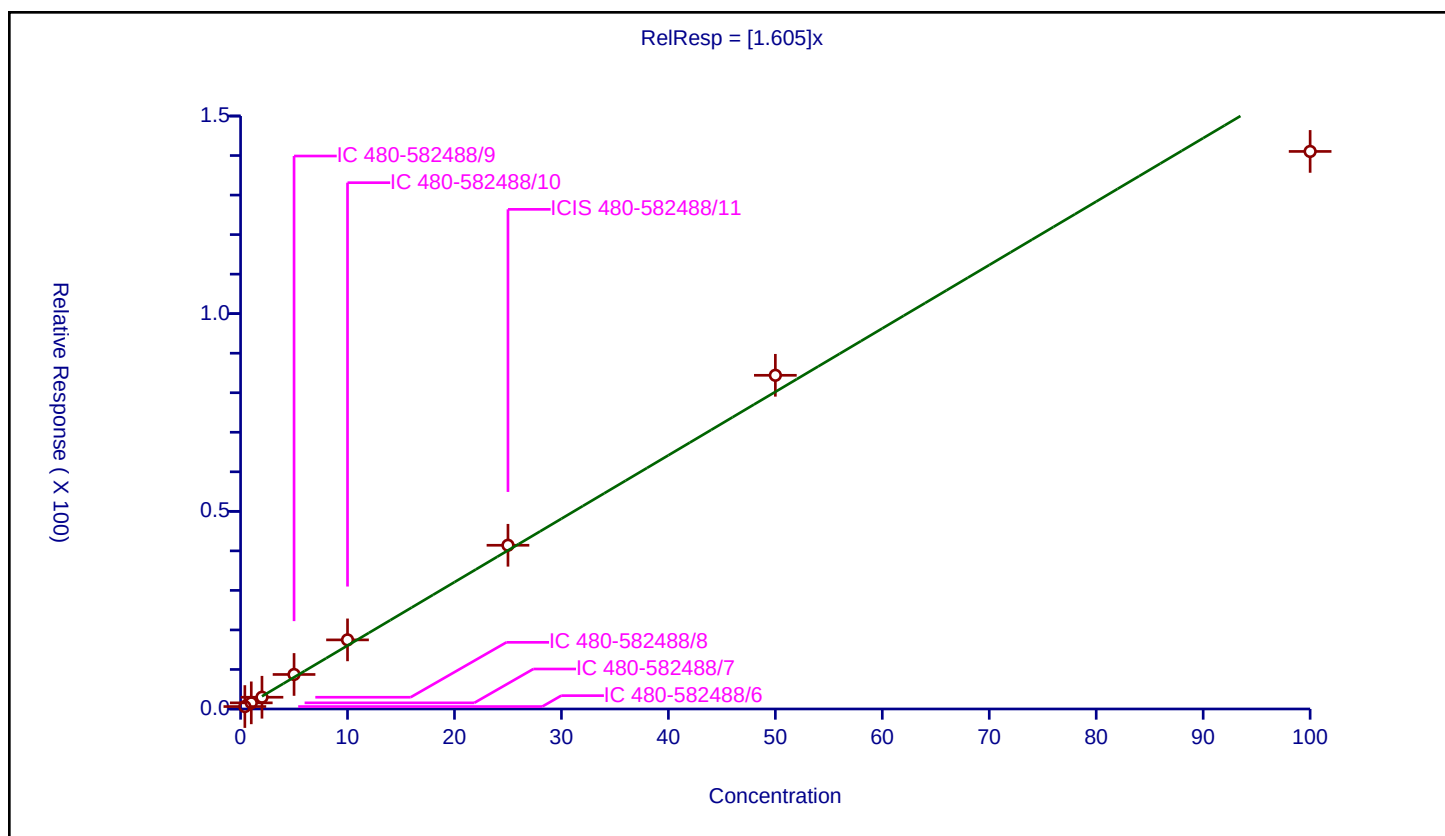
Curve Coefficients

Intercept: 0
 Slope: 1.605

Error Coefficients

Standard Error: 397000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.618121	25.0	150456.0	1.545302	Y
2	IC 480-582488/7	1.0	1.55537	25.0	152954.0	1.55537	Y
3	IC 480-582488/8	2.0	2.972014	25.0	158041.0	1.486007	Y
4	IC 480-582488/9	5.0	8.729209	25.0	153310.0	1.745842	Y
5	IC 480-582488/10	10.0	17.482992	25.0	150226.0	1.748299	Y
6	ICIS 480-582488/11	25.0	41.41268	25.0	148958.0	1.656507	Y
7	IC 480-582488/12	50.0	84.414485	25.0	152746.0	1.68829	Y
8	IC 480-582488/13	100.0	141.040338	25.0	155017.0	1.410403	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

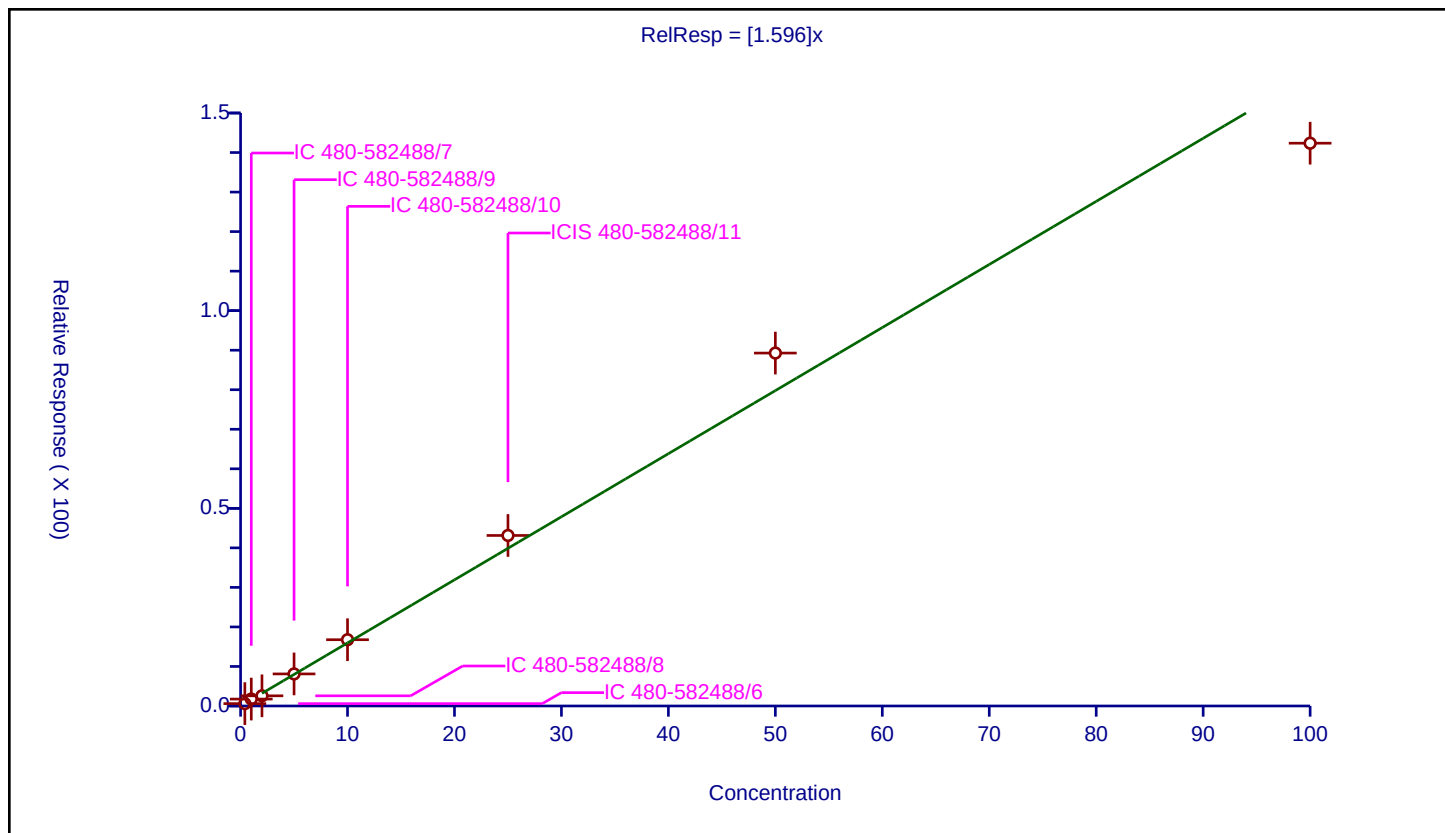
Curve Coefficients

Intercept: 0
 Slope: 1.596

Error Coefficients

Standard Error: 406000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.988
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.598514	25.0	150456.0	1.496285	Y
2	IC 480-582488/7	1.0	1.748401	25.0	152954.0	1.748401	Y
3	IC 480-582488/8	2.0	2.573857	25.0	158041.0	1.286929	Y
4	IC 480-582488/9	5.0	8.108897	25.0	153310.0	1.621779	Y
5	IC 480-582488/10	10.0	16.763077	25.0	150226.0	1.676308	Y
6	ICIS 480-582488/11	25.0	43.136152	25.0	148958.0	1.725446	Y
7	IC 480-582488/12	50.0	89.274187	25.0	152746.0	1.785484	Y
8	IC 480-582488/13	100.0	142.365676	25.0	155017.0	1.423657	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

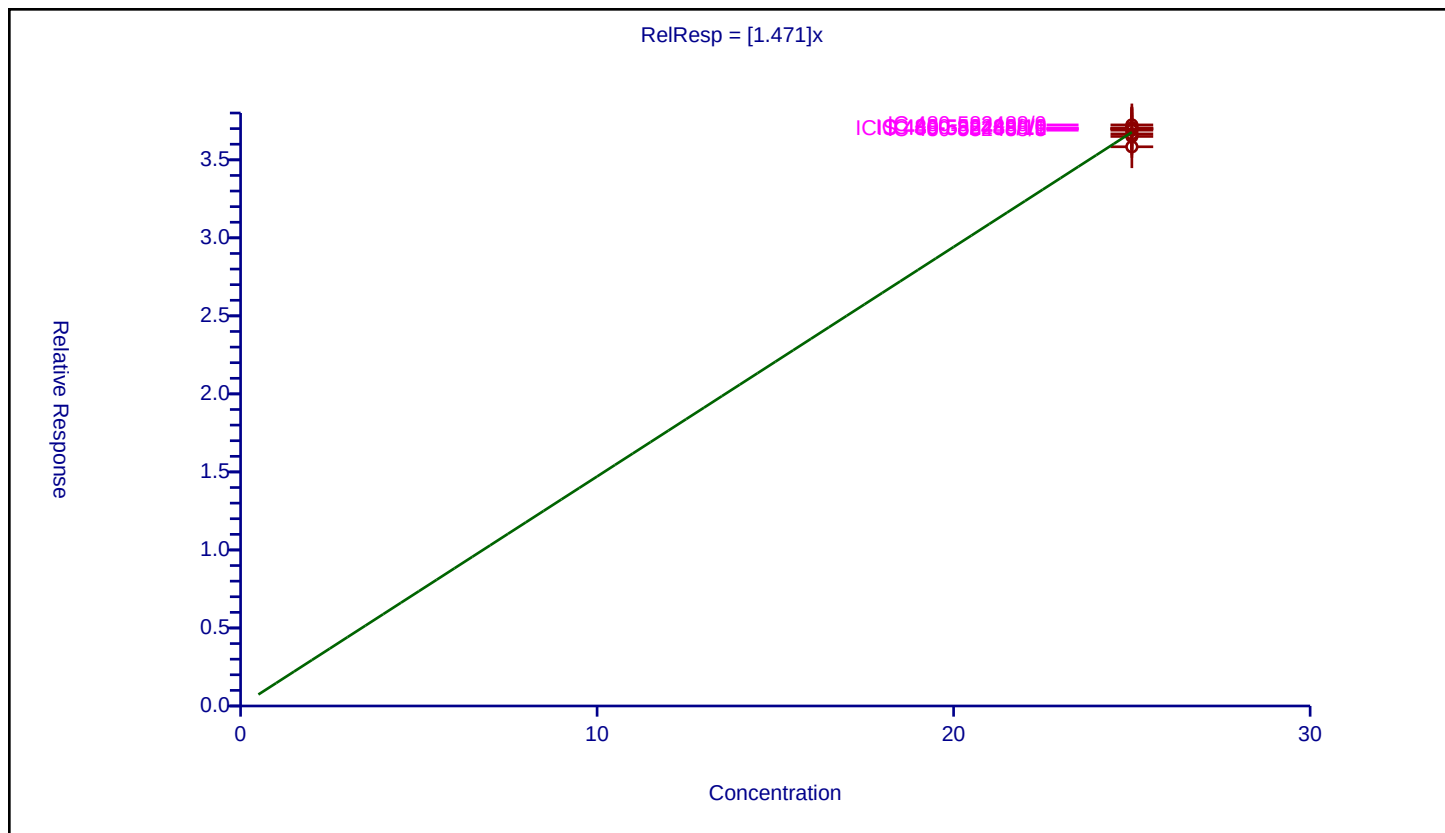
Curve Coefficients

Intercept: 0
 Slope: 1.471

Error Coefficients

Standard Error: 240000
 Relative Standard Error: 1.2
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	25.0	37.042225	25.0	150456.0	1.481689	Y
2	IC 480-582488/7	25.0	36.662166	25.0	152954.0	1.466487	Y
3	IC 480-582488/8	25.0	36.898337	25.0	158041.0	1.475933	Y
4	IC 480-582488/9	25.0	37.23746	25.0	153310.0	1.489498	Y
5	IC 480-582488/10	25.0	37.010404	25.0	150226.0	1.480416	Y
6	ICIS 480-582488/11	25.0	36.979048	25.0	148958.0	1.479162	Y
7	IC 480-582488/12	25.0	36.497682	25.0	152746.0	1.459907	Y
8	IC 480-582488/13	25.0	35.836553	25.0	155017.0	1.433462	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

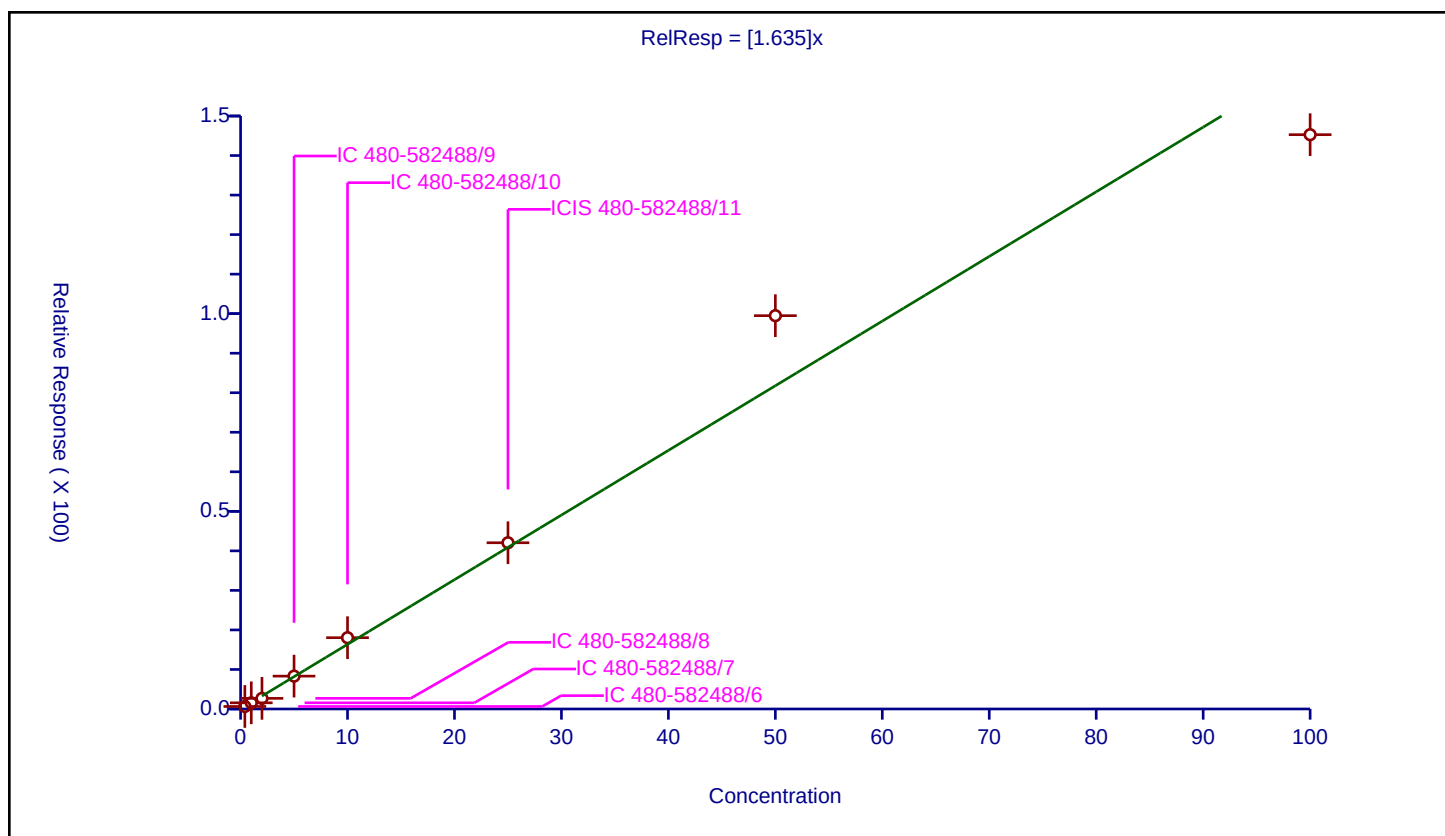
Curve Coefficients

Intercept: 0
Slope: 1.635

Error Coefficients

Standard Error: 424000
Relative Standard Error: 12.3
Correlation Coefficient: 0.976
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.635069	25.0	150456.0	1.587673	Y
2	IC 480-582488/7	1.0	1.560763	25.0	152954.0	1.560763	Y
3	IC 480-582488/8	2.0	2.687436	25.0	158041.0	1.343718	Y
4	IC 480-582488/9	5.0	8.313222	25.0	153310.0	1.662644	Y
5	IC 480-582488/10	10.0	18.032664	25.0	150226.0	1.803266	Y
6	ICIS 480-582488/11	25.0	42.051954	25.0	148958.0	1.682078	Y
7	IC 480-582488/12	50.0	99.497041	25.0	152746.0	1.989941	Y
8	IC 480-582488/13	100.0	145.277937	25.0	155017.0	1.452779	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

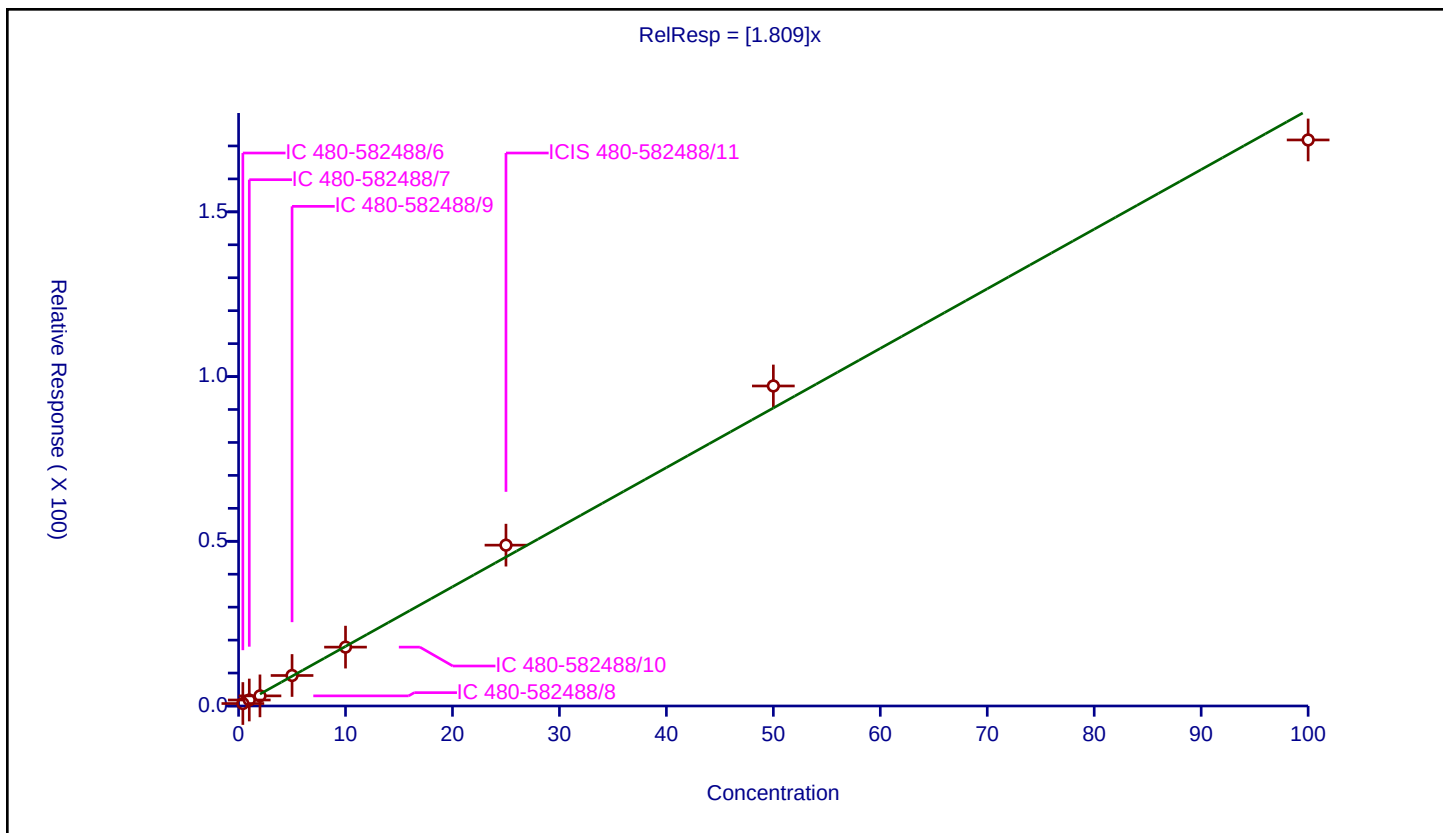
Curve Coefficients

Intercept: 0
 Slope: 1.809

Error Coefficients

Standard Error: 476000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.746564	25.0	150456.0	1.866409	Y
2	IC 480-582488/7	1.0	1.819828	25.0	152954.0	1.819828	Y
3	IC 480-582488/8	2.0	3.069931	25.0	158041.0	1.534966	Y
4	IC 480-582488/9	5.0	9.25543	25.0	153310.0	1.851086	Y
5	IC 480-582488/10	10.0	17.869244	25.0	150226.0	1.786924	Y
6	ICIS 480-582488/11	25.0	48.820976	25.0	148958.0	1.952839	Y
7	IC 480-582488/12	50.0	97.141824	25.0	152746.0	1.942836	Y
8	IC 480-582488/13	100.0	171.822445	25.0	155017.0	1.718224	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

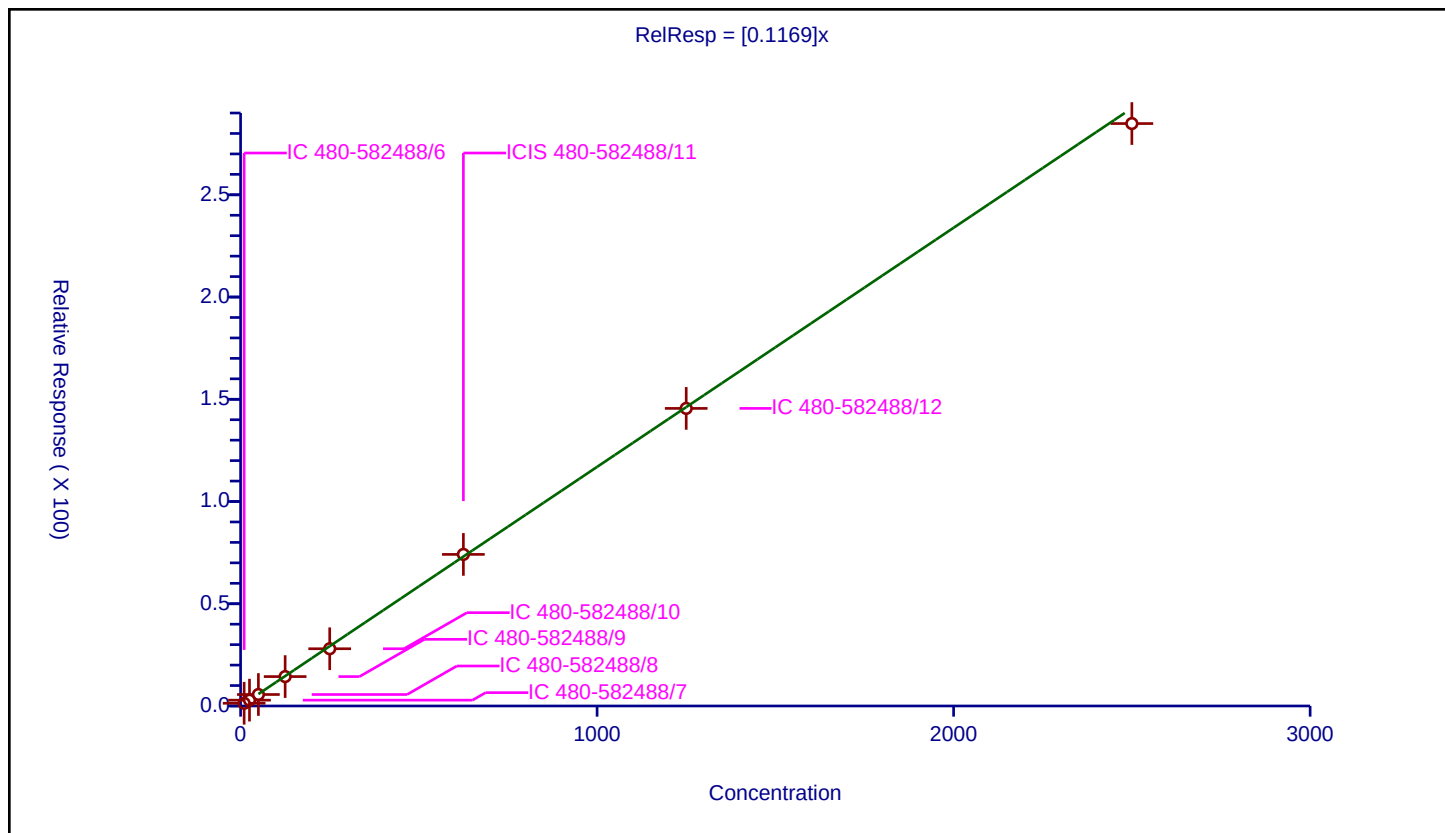
Curve Coefficients

Intercept: 0
 Slope: 0.1169

Error Coefficients

Standard Error: 769000
 Relative Standard Error: 5.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	10.0	1.330954	25.0	150456.0	0.133095	Y
2	IC 480-582488/7	25.0	2.854943	25.0	152954.0	0.114198	Y
3	IC 480-582488/8	50.0	5.608829	25.0	158041.0	0.112177	Y
4	IC 480-582488/9	125.0	14.38034	25.0	153310.0	0.115043	Y
5	IC 480-582488/10	250.0	27.992325	25.0	150226.0	0.111969	Y
6	ICIS 480-582488/11	625.0	74.140026	25.0	148958.0	0.118624	Y
7	IC 480-582488/12	1250.0	145.542109	25.0	152746.0	0.116434	Y
8	IC 480-582488/13	2500.0	284.845856	25.0	155017.0	0.113938	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

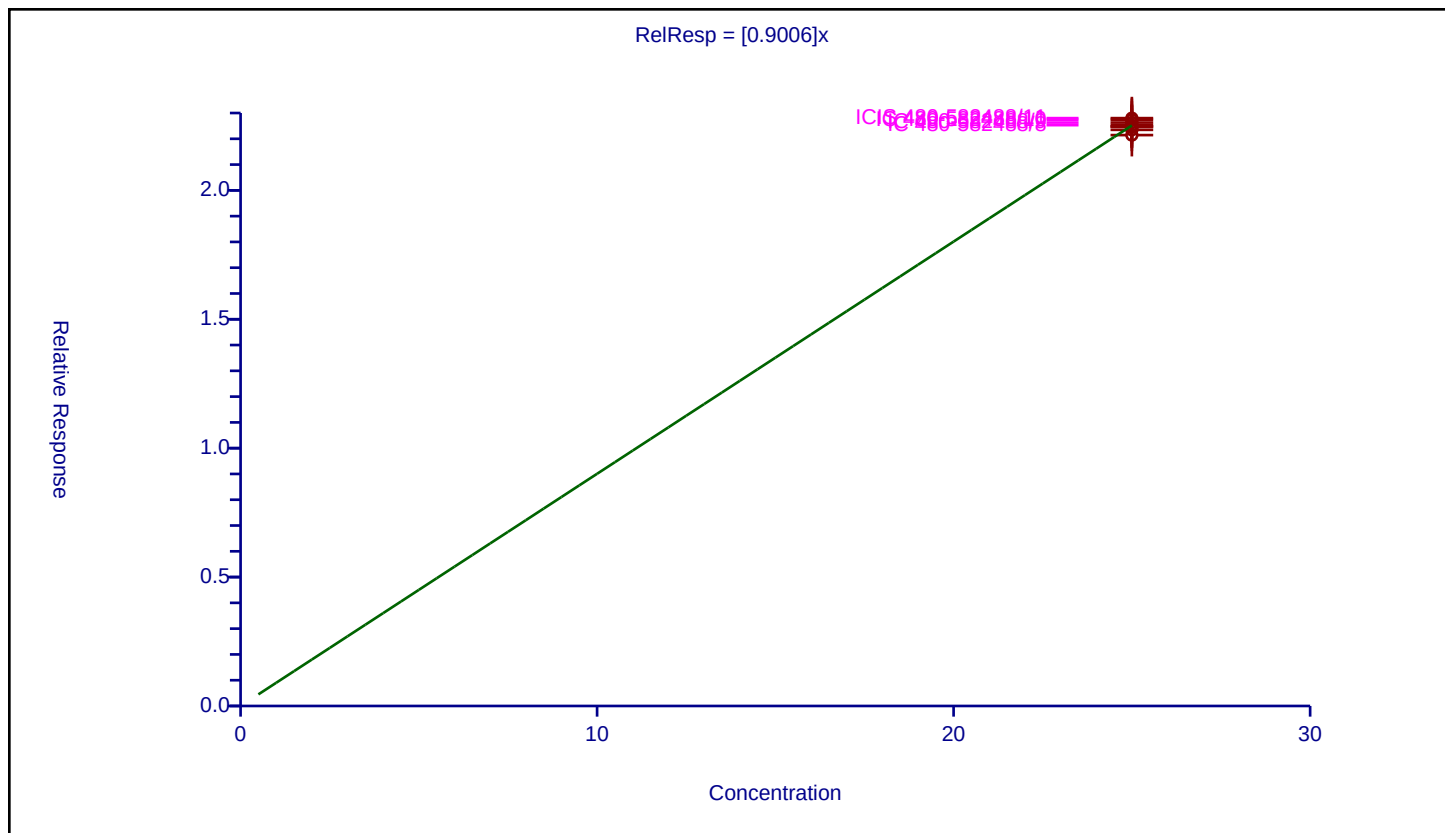
Curve Coefficients

Intercept: 0
 Slope: 0.9006

Error Coefficients

Standard Error: 147000
 Relative Standard Error: 0.9
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	25.0	22.476671	25.0	150456.0	0.899067	Y
2	IC 480-582488/7	25.0	22.347242	25.0	152954.0	0.89389	Y
3	IC 480-582488/8	25.0	22.52928	25.0	158041.0	0.901171	Y
4	IC 480-582488/9	25.0	22.629639	25.0	153310.0	0.905186	Y
5	IC 480-582488/10	25.0	22.737076	25.0	150226.0	0.909483	Y
6	ICIS 480-582488/11	25.0	22.801729	25.0	148958.0	0.912069	Y
7	IC 480-582488/12	25.0	22.461963	25.0	152746.0	0.898479	Y
8	IC 480-582488/13	25.0	22.143217	25.0	155017.0	0.885729	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

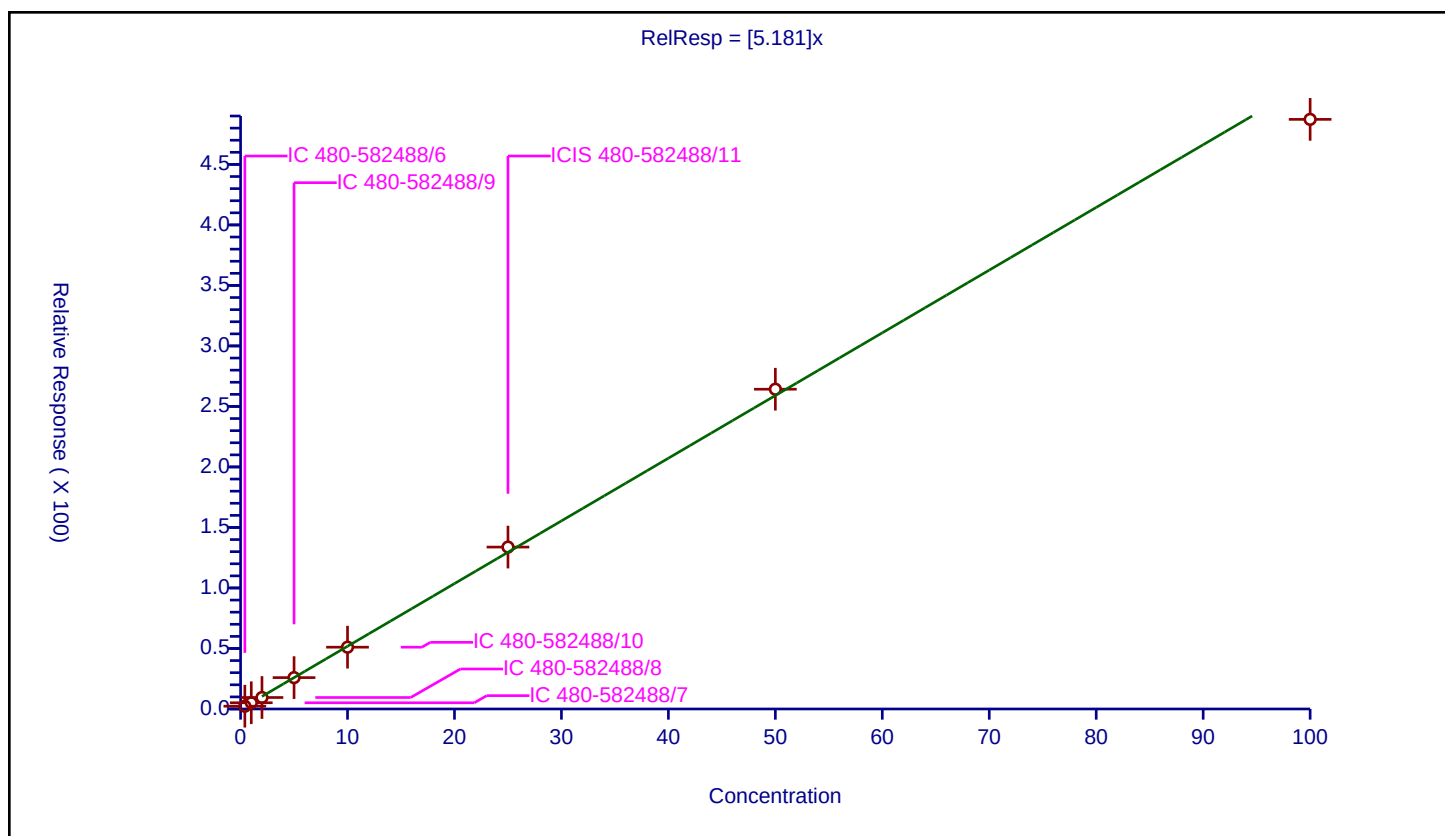
Curve Coefficients

Intercept: 0
Slope: 5.181

Error Coefficients

Standard Error: 1340000
Relative Standard Error: 5.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	2.302002	25.0	150456.0	5.755005	Y
2	IC 480-582488/7	1.0	5.145338	25.0	152954.0	5.145338	Y
3	IC 480-582488/8	2.0	9.490892	25.0	158041.0	4.745446	Y
4	IC 480-582488/9	5.0	25.923456	25.0	153310.0	5.184691	Y
5	IC 480-582488/10	10.0	51.072051	25.0	150226.0	5.107205	Y
6	ICIS 480-582488/11	25.0	133.791069	25.0	148958.0	5.351643	Y
7	IC 480-582488/12	50.0	264.252092	25.0	152746.0	5.285042	Y
8	IC 480-582488/13	100.0	487.229788	25.0	155017.0	4.872298	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

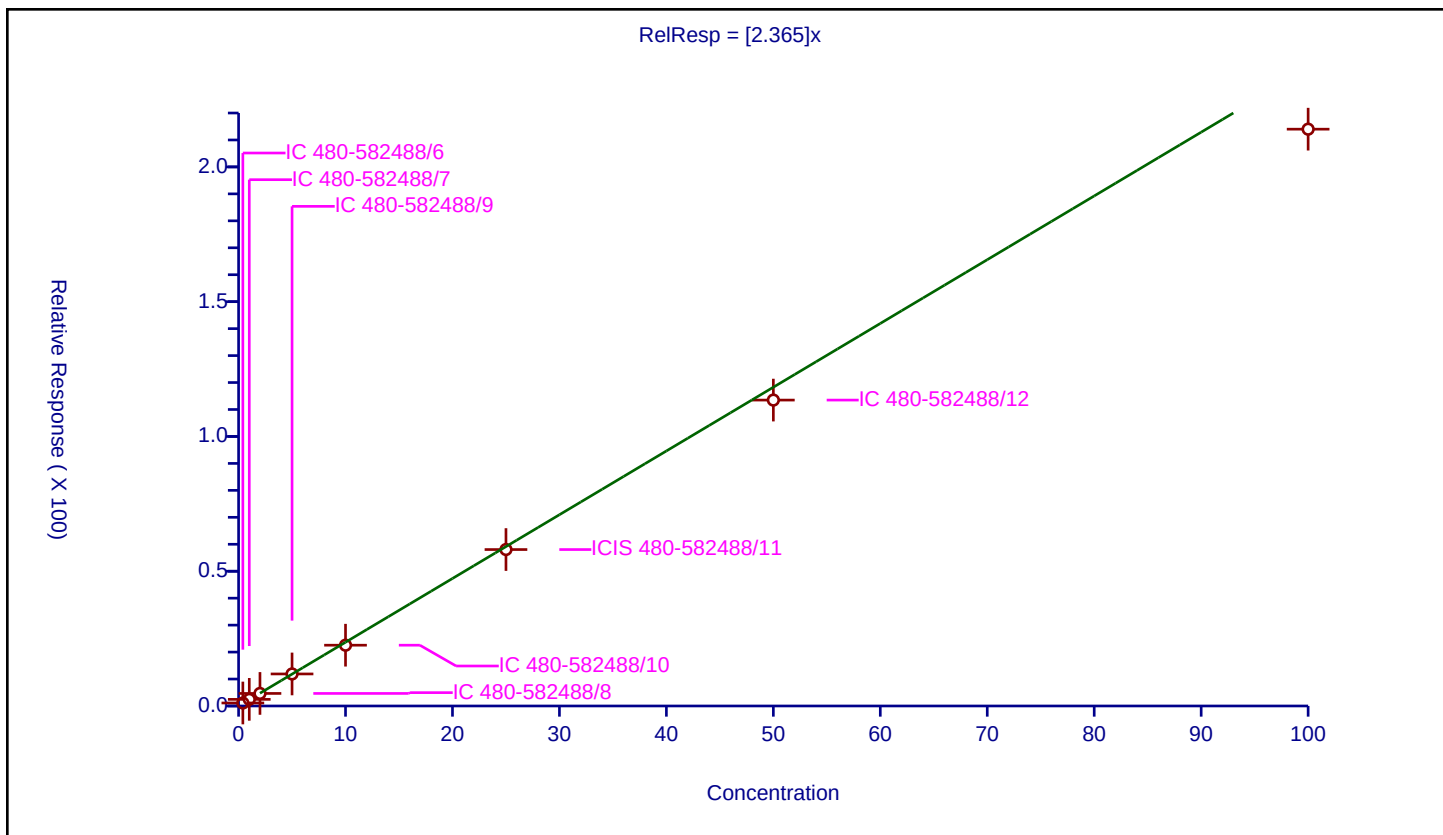
Curve Coefficients

Intercept: 0
 Slope: 2.365

Error Coefficients

Standard Error: 584000
 Relative Standard Error: 8.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.109128	25.0	150456.0	2.772821	Y
2	IC 480-582488/7	1.0	2.460217	25.0	152954.0	2.460217	Y
3	IC 480-582488/8	2.0	4.652116	25.0	158041.0	2.326058	Y
4	IC 480-582488/9	5.0	11.887515	25.0	153310.0	2.377503	Y
5	IC 480-582488/10	10.0	22.548527	25.0	150226.0	2.254853	Y
6	ICIS 480-582488/11	25.0	58.045221	25.0	148958.0	2.321809	Y
7	IC 480-582488/12	50.0	113.495443	25.0	152746.0	2.269909	Y
8	IC 480-582488/13	100.0	214.003948	25.0	155017.0	2.140039	Y



Calibration

/ n-Heptane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

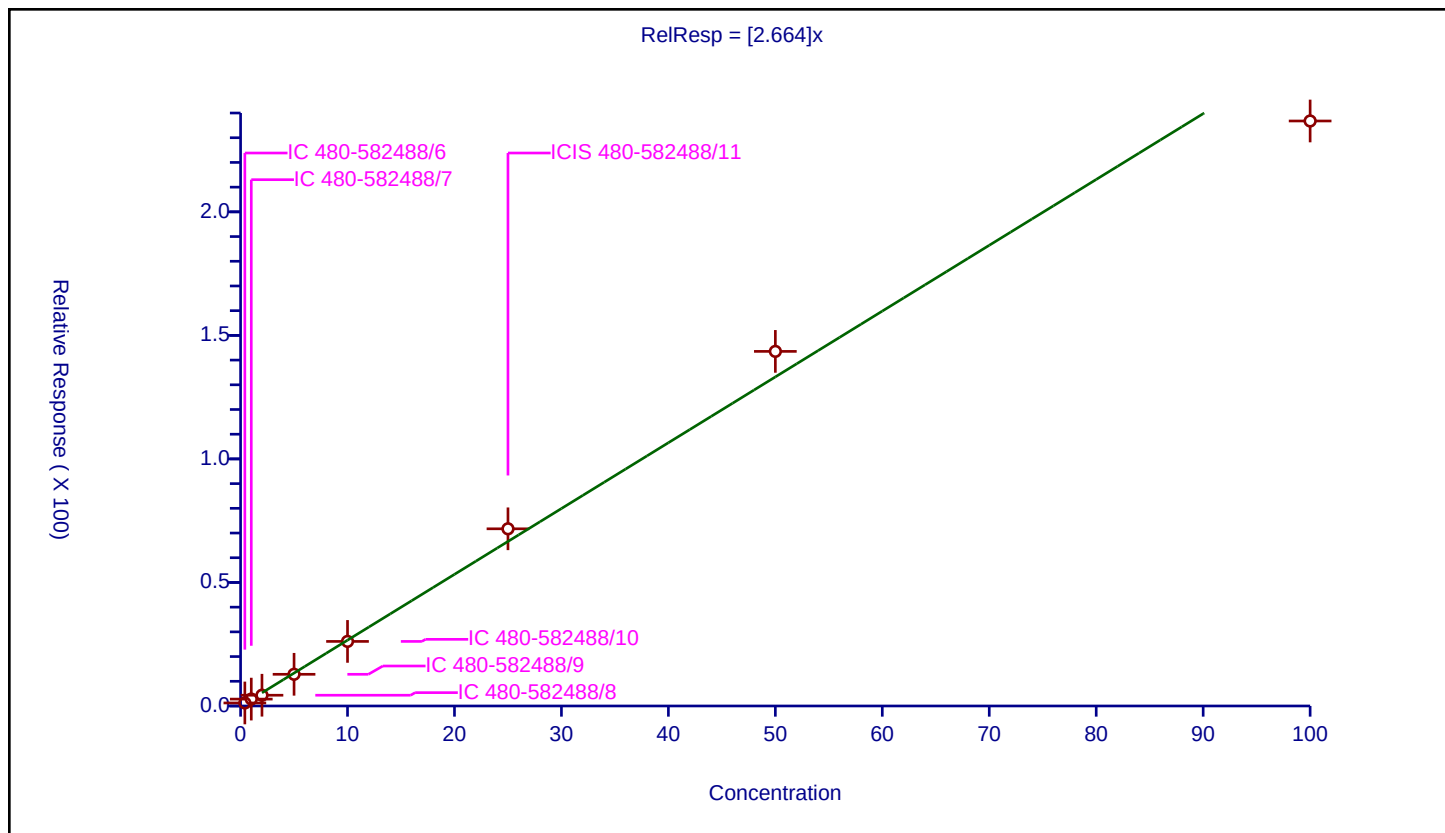
Curve Coefficients

Intercept: 0
 Slope: 2.664

Error Coefficients

Standard Error: 670000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.992
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.221287	25.0	150456.0	3.053218	Y
2	IC 480-582488/7	1.0	2.790872	25.0	152954.0	2.790872	Y
3	IC 480-582488/8	2.0	4.359154	25.0	158041.0	2.179577	Y
4	IC 480-582488/9	5.0	12.829887	25.0	153310.0	2.565977	Y
5	IC 480-582488/10	10.0	26.136122	25.0	150226.0	2.613612	Y
6	ICIS 480-582488/11	25.0	71.714174	25.0	148958.0	2.868567	Y
7	IC 480-582488/12	50.0	143.522907	25.0	152746.0	2.870458	Y
8	IC 480-582488/13	100.0	236.774031	25.0	155017.0	2.36774	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

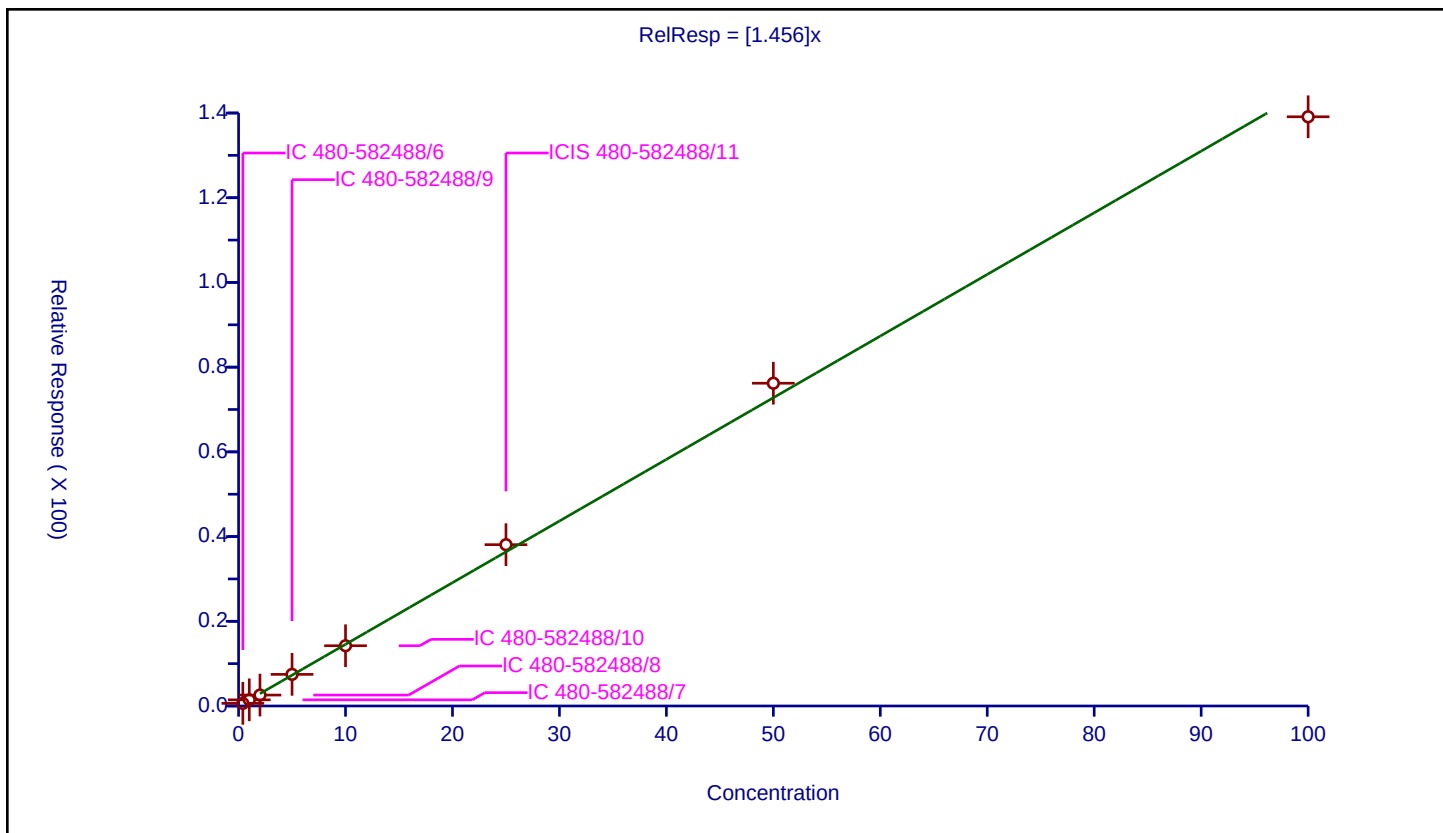
Curve Coefficients

Intercept: 0
Slope: 1.456

Error Coefficients

Standard Error: 382000
Relative Standard Error: 6.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.619616	25.0	150456.0	1.549041	Y
2	IC 480-582488/7	1.0	1.453378	25.0	152954.0	1.453378	Y
3	IC 480-582488/8	2.0	2.576388	25.0	158041.0	1.288194	Y
4	IC 480-582488/9	5.0	7.465919	25.0	153310.0	1.493184	Y
5	IC 480-582488/10	10.0	14.2254	25.0	150226.0	1.42254	Y
6	ICIS 480-582488/11	25.0	38.084729	25.0	148958.0	1.523389	Y
7	IC 480-582488/12	50.0	76.203305	25.0	152746.0	1.524066	Y
8	IC 480-582488/13	100.0	139.110388	25.0	155017.0	1.391104	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

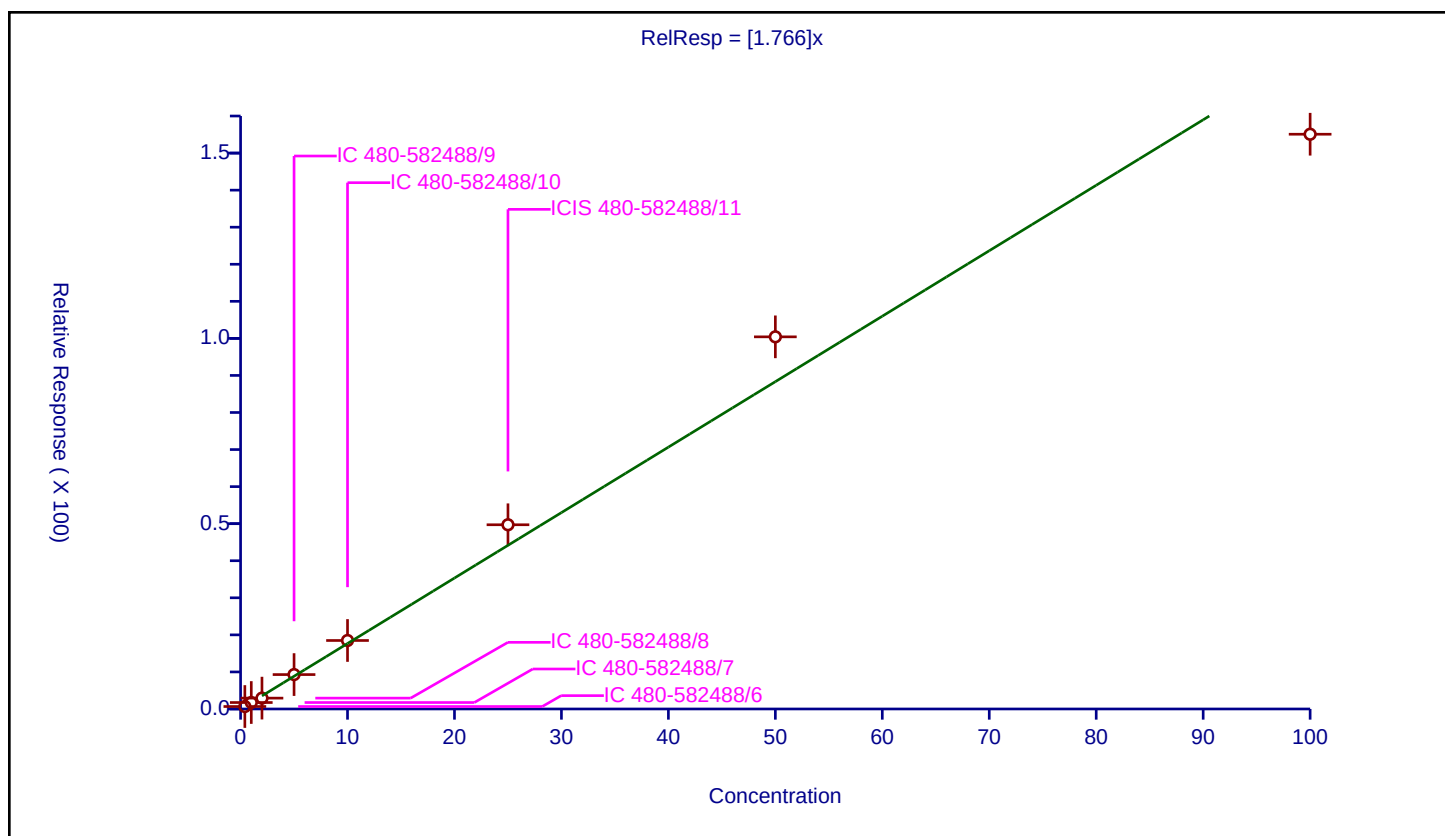
Curve Coefficients

Intercept: 0
 Slope: 1.766

Error Coefficients

Standard Error: 448000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.984
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.667637	25.0	150456.0	1.669093	Y
2	IC 480-582488/7	1.0	1.744642	25.0	152954.0	1.744642	Y
3	IC 480-582488/8	2.0	2.929145	25.0	158041.0	1.464572	Y
4	IC 480-582488/9	5.0	9.287718	25.0	153310.0	1.857544	Y
5	IC 480-582488/10	10.0	18.481987	25.0	150226.0	1.848199	Y
6	ICIS 480-582488/11	25.0	49.711328	25.0	148958.0	1.988453	Y
7	IC 480-582488/12	50.0	100.415887	25.0	152746.0	2.008318	Y
8	IC 480-582488/13	100.0	155.088313	25.0	155017.0	1.550883	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

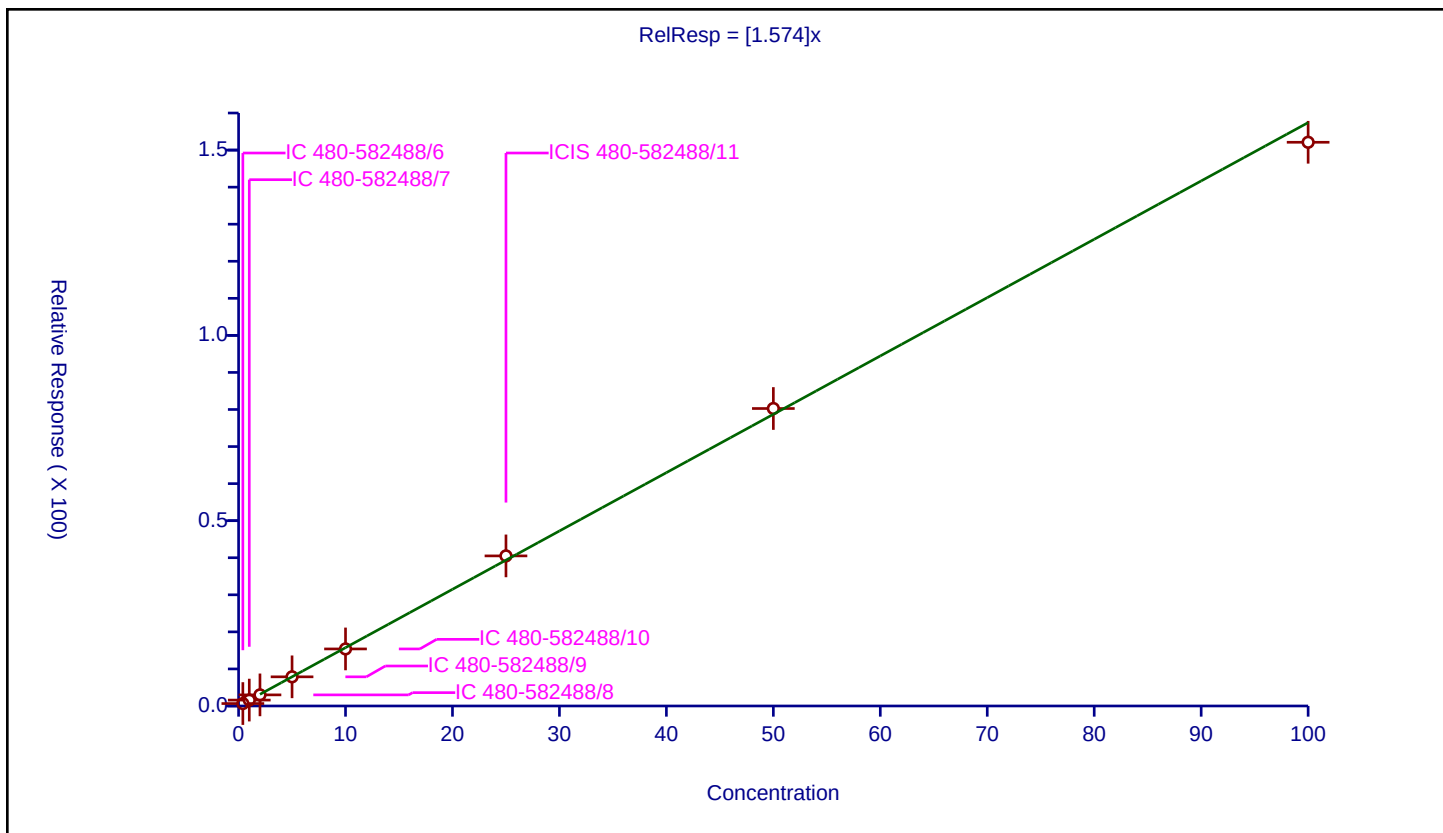
Curve Coefficients

Intercept: 0
 Slope: 1.574

Error Coefficients

Standard Error: 414000
 Relative Standard Error: 3.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.65584	25.0	150456.0	1.639599	Y
2	IC 480-582488/7	1.0	1.594107	25.0	152954.0	1.594107	Y
3	IC 480-582488/8	2.0	2.998273	25.0	158041.0	1.499136	Y
4	IC 480-582488/9	5.0	7.869187	25.0	153310.0	1.573837	Y
5	IC 480-582488/10	10.0	15.397801	25.0	150226.0	1.53978	Y
6	ICIS 480-582488/11	25.0	40.501853	25.0	148958.0	1.620074	Y
7	IC 480-582488/12	50.0	80.271005	25.0	152746.0	1.60542	Y
8	IC 480-582488/13	100.0	152.103963	25.0	155017.0	1.52104	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

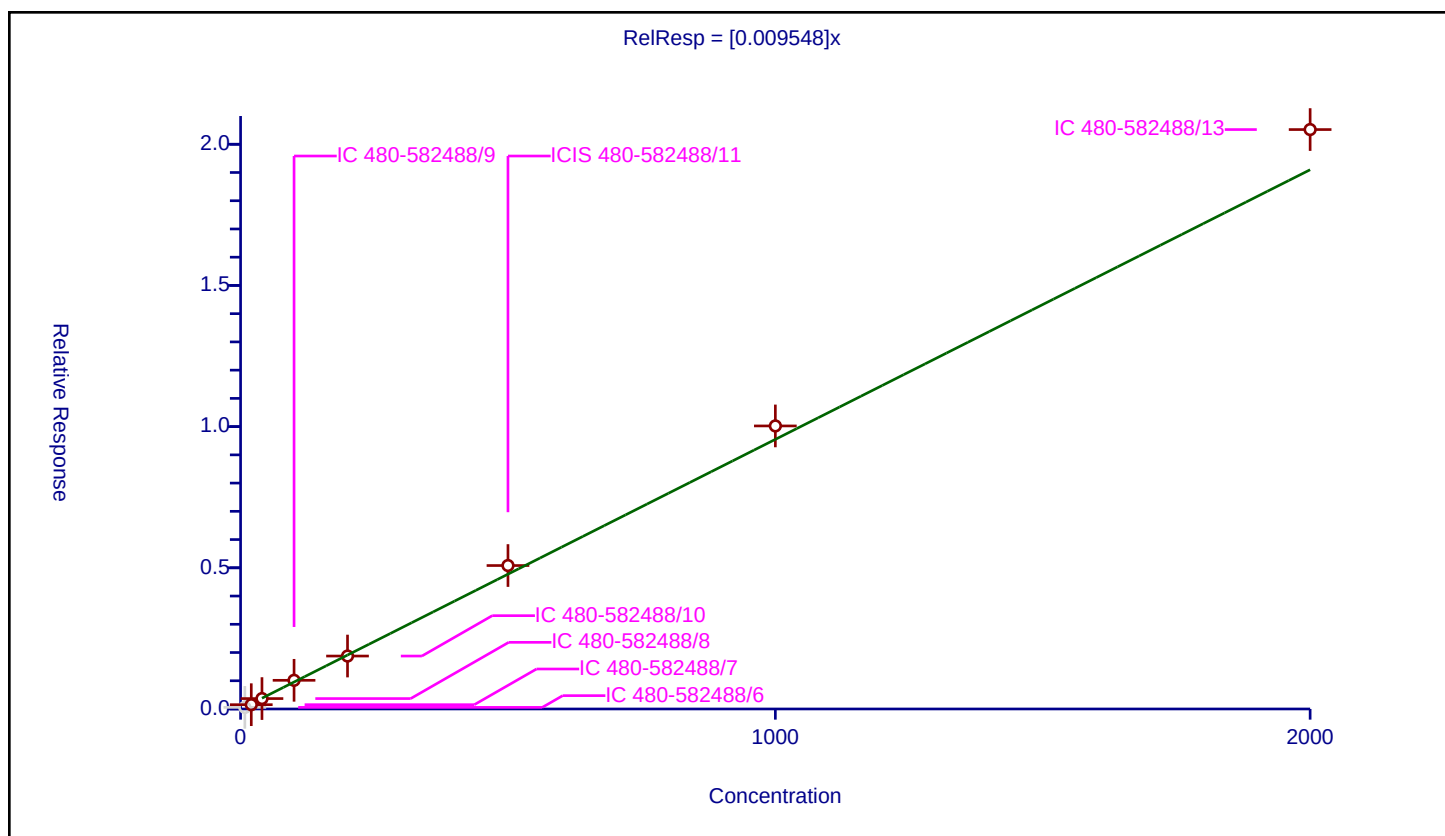
Curve Coefficients

Intercept: 0
 Slope: 0.009548

Error Coefficients

Standard Error: 125000
 Relative Standard Error: 9.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	8.0	0.057002	25.0	320600.0	0.007125	N
2	IC 480-582488/7	20.0	0.152899	25.0	324070.0	0.007645	Y
3	IC 480-582488/8	40.0	0.368535	25.0	336535.0	0.009213	Y
4	IC 480-582488/9	100.0	1.015975	25.0	328256.0	0.01016	Y
5	IC 480-582488/10	200.0	1.874992	25.0	319708.0	0.009375	Y
6	ICIS 480-582488/11	500.0	5.080679	25.0	323008.0	0.010161	Y
7	IC 480-582488/12	1000.0	10.024412	25.0	322797.0	0.010024	Y
8	IC 480-582488/13	2000.0	20.519931	25.0	326909.0	0.01026	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

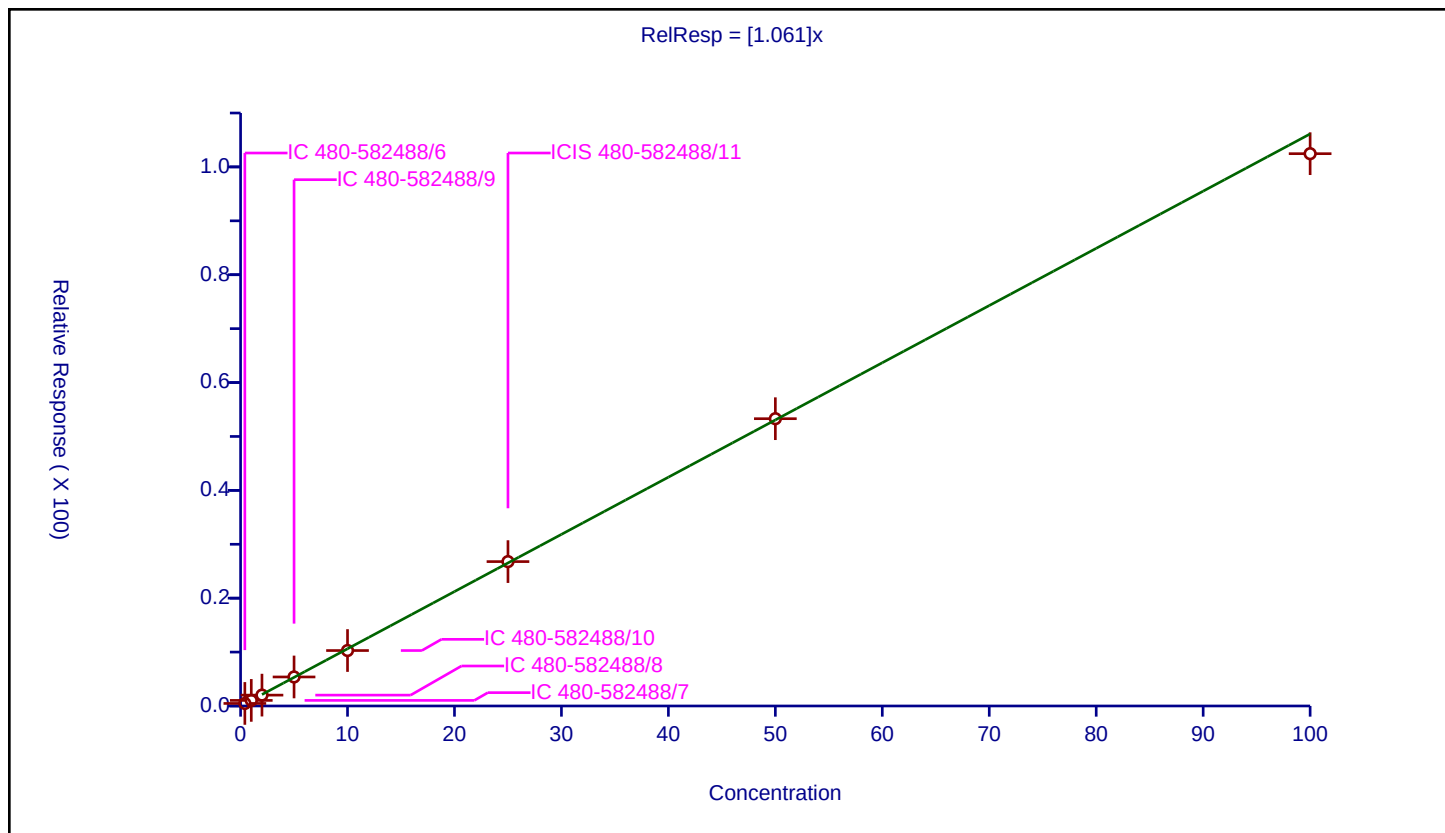
Curve Coefficients

Intercept: 0
 Slope: 1.061

Error Coefficients

Standard Error: 278000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.471899	25.0	150456.0	1.179747	Y
2	IC 480-582488/7	1.0	1.033971	25.0	152954.0	1.033971	Y
3	IC 480-582488/8	2.0	2.016565	25.0	158041.0	1.008283	Y
4	IC 480-582488/9	5.0	5.385657	25.0	153310.0	1.077131	Y
5	IC 480-582488/10	10.0	10.285836	25.0	150226.0	1.028584	Y
6	ICIS 480-582488/11	25.0	26.783221	25.0	148958.0	1.071329	Y
7	IC 480-582488/12	50.0	53.296649	25.0	152746.0	1.065933	Y
8	IC 480-582488/13	100.0	102.456021	25.0	155017.0	1.02456	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

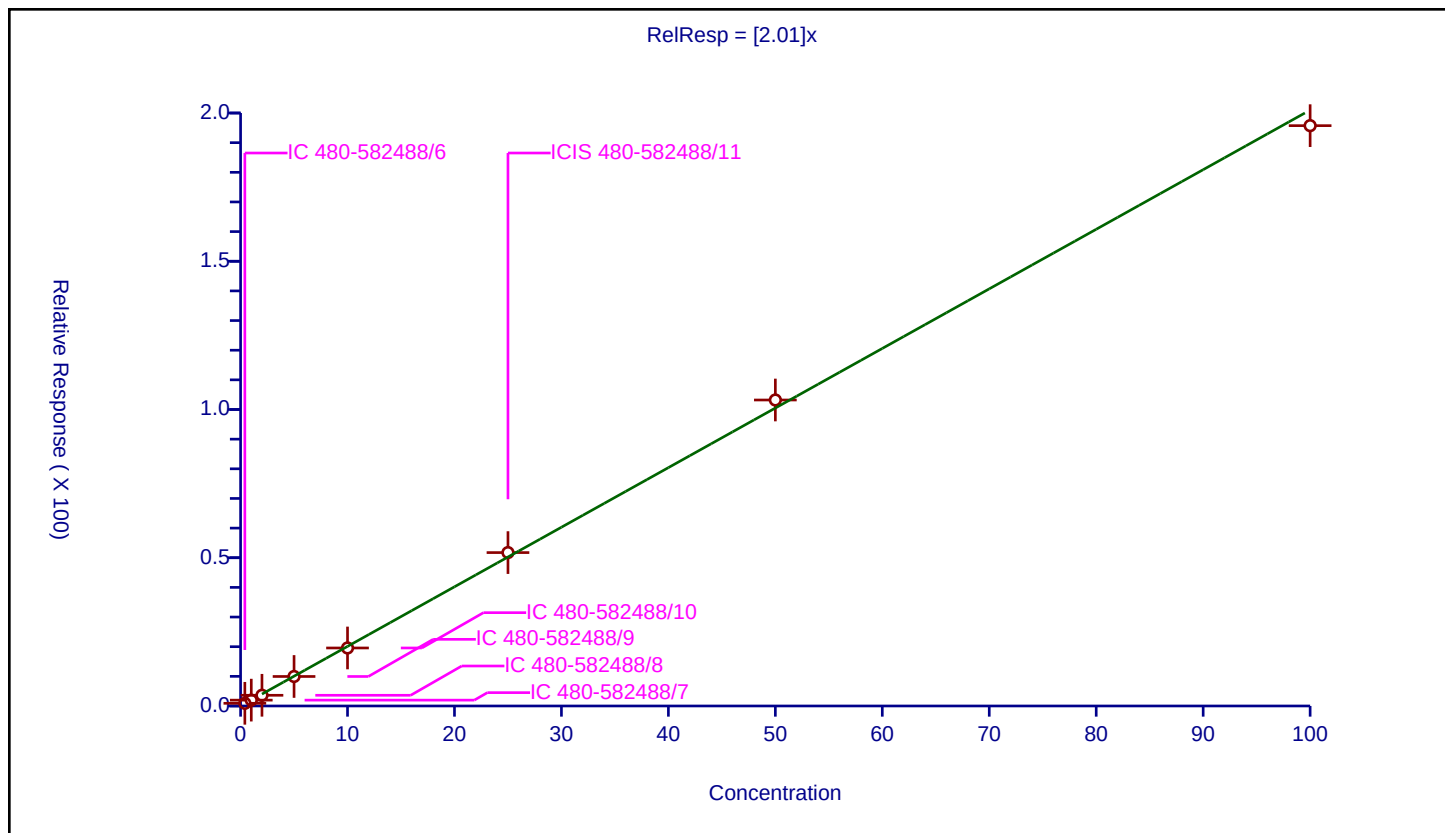
Curve Coefficients

Intercept: 0
Slope: 2.01

Error Coefficients

Standard Error: 532000
Relative Standard Error: 6.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.905913	25.0	150456.0	2.264782	Y
2	IC 480-582488/7	1.0	1.970854	25.0	152954.0	1.970854	Y
3	IC 480-582488/8	2.0	3.611879	25.0	158041.0	1.80594	Y
4	IC 480-582488/9	5.0	9.949612	25.0	153310.0	1.989922	Y
5	IC 480-582488/10	10.0	19.562526	25.0	150226.0	1.956253	Y
6	ICIS 480-582488/11	25.0	51.741095	25.0	148958.0	2.069644	Y
7	IC 480-582488/12	50.0	103.204503	25.0	152746.0	2.06409	Y
8	IC 480-582488/13	100.0	195.735468	25.0	155017.0	1.957355	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

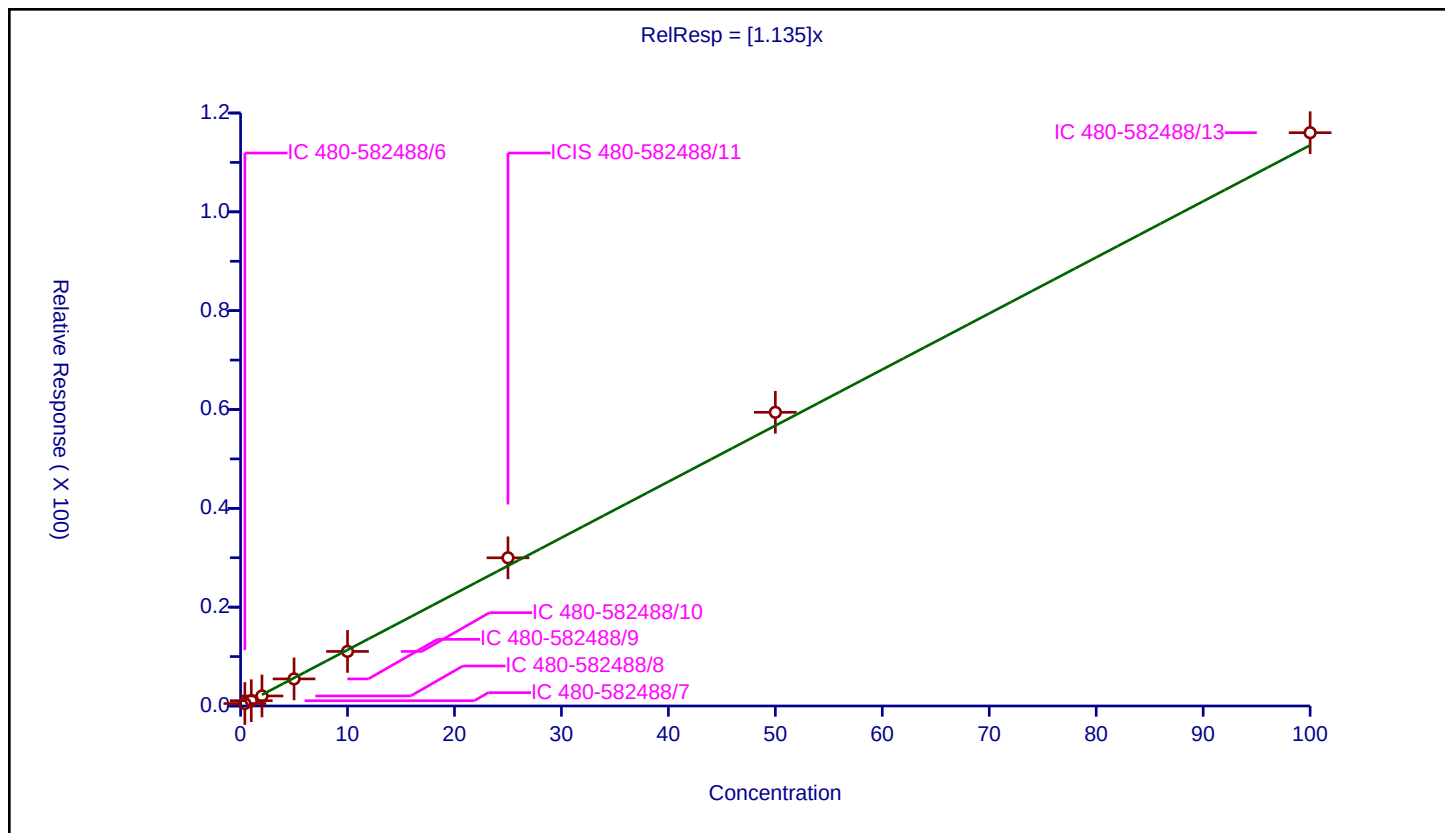
Curve Coefficients

Intercept: 0
 Slope: 1.135

Error Coefficients

Standard Error: 313000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.498152	25.0	150456.0	1.245381	Y
2	IC 480-582488/7	1.0	1.068949	25.0	152954.0	1.068949	Y
3	IC 480-582488/8	2.0	2.032068	25.0	158041.0	1.016034	Y
4	IC 480-582488/9	5.0	5.477464	25.0	153310.0	1.095493	Y
5	IC 480-582488/10	10.0	11.043029	25.0	150226.0	1.104303	Y
6	ICIS 480-582488/11	25.0	29.986976	25.0	148958.0	1.199479	Y
7	IC 480-582488/12	50.0	59.431998	25.0	152746.0	1.18864	Y
8	IC 480-582488/13	100.0	116.015824	25.0	155017.0	1.160158	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

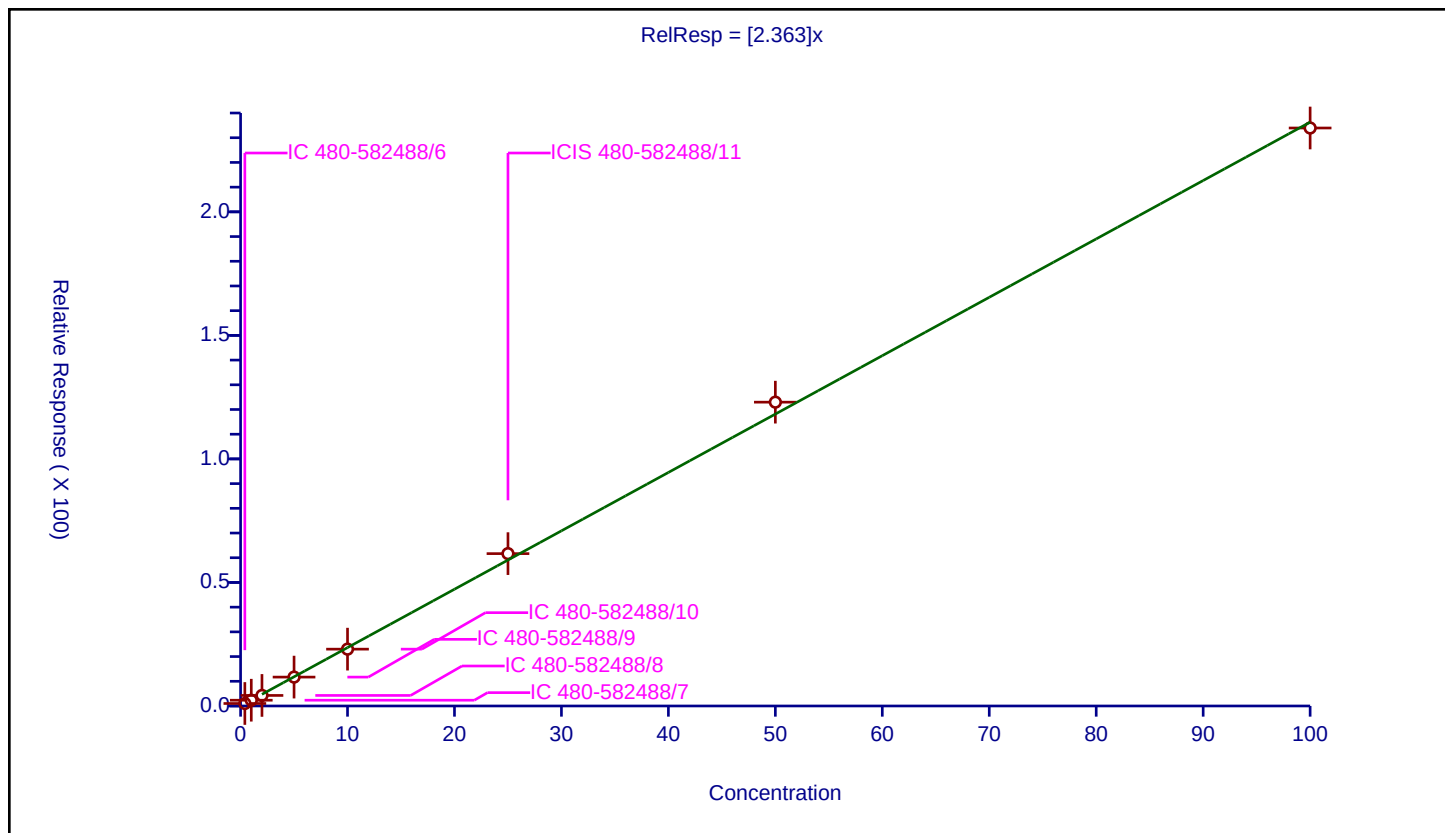
Curve Coefficients

Intercept: 0
 Slope: 2.363

Error Coefficients

Standard Error: 636000
 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	IC 480-582488/6	0.4	1.010428	25.0	150456.0	2.526071	Y
2	IC 480-582488/7	1.0	2.338448	25.0	152954.0	2.338448	Y
3	IC 480-582488/8	2.0	4.269462	25.0	158041.0	2.134731	Y
4	IC 480-582488/9	5.0	11.691834	25.0	153310.0	2.338367	Y
5	IC 480-582488/10	10.0	23.009998	25.0	150226.0	2.301	Y
6	ICIS 480-582488/11	25.0	61.663355	25.0	148958.0	2.466534	Y
7	IC 480-582488/12	50.0	122.969505	25.0	152746.0	2.45939	Y
8	IC 480-582488/13	100.0	233.937891	25.0	155017.0	2.339379	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

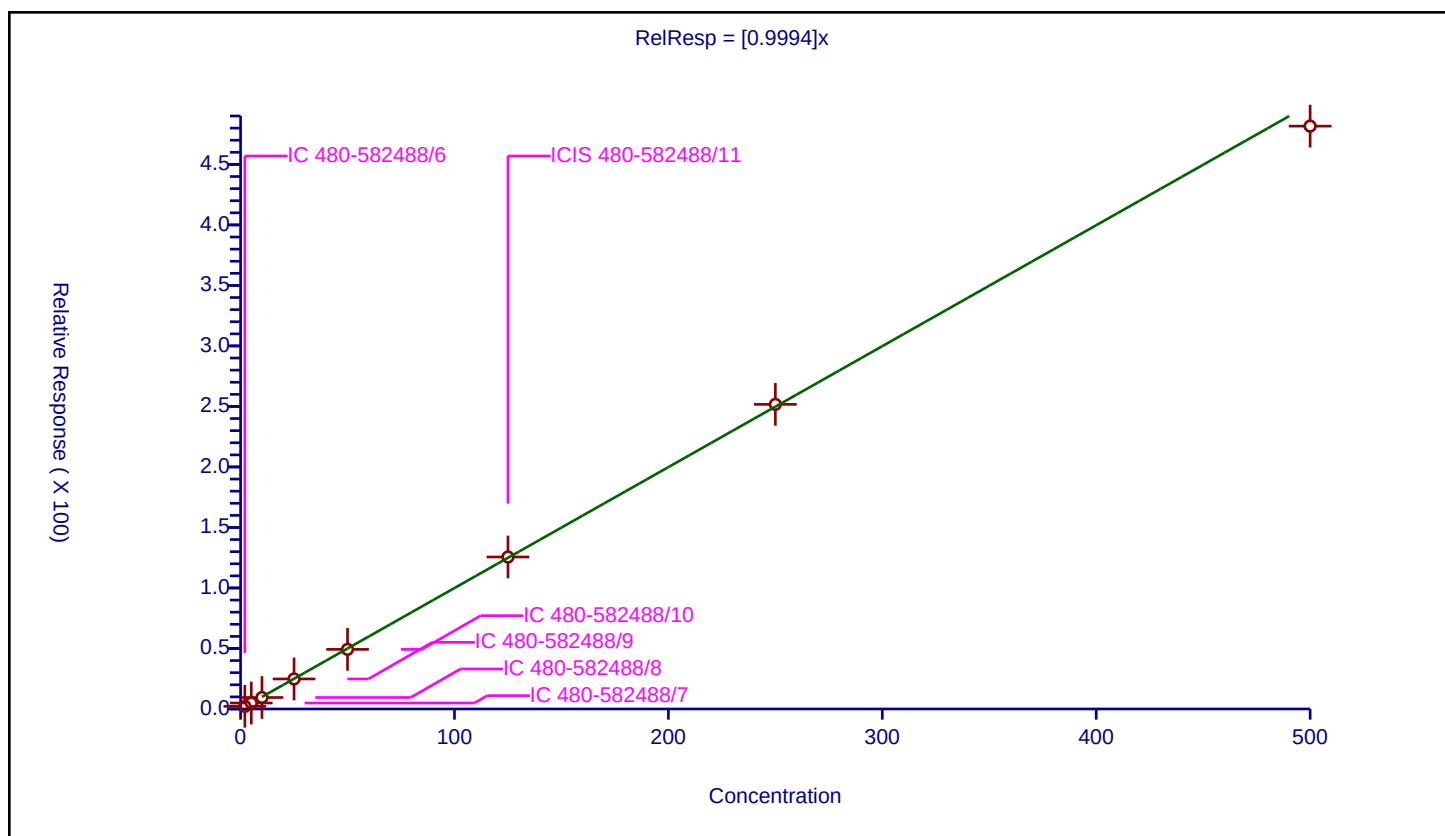
Curve Coefficients

Intercept: 0
 Slope: 0.9994

Error Coefficients

Standard Error: 2760000
 Relative Standard Error: 4.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	2.0	2.209529	25.0	320600.0	1.104765	Y
2	IC 480-582488/7	5.0	4.939211	25.0	324070.0	0.987842	Y
3	IC 480-582488/8	10.0	9.492698	25.0	336535.0	0.94927	Y
4	IC 480-582488/9	25.0	24.825517	25.0	328256.0	0.993021	Y
5	IC 480-582488/10	50.0	49.253303	25.0	319708.0	0.985066	Y
6	ICIS 480-582488/11	125.0	125.593019	25.0	323008.0	1.004744	Y
7	IC 480-582488/12	250.0	251.718882	25.0	322797.0	1.006876	Y
8	IC 480-582488/13	500.0	481.655292	25.0	326909.0	0.963311	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

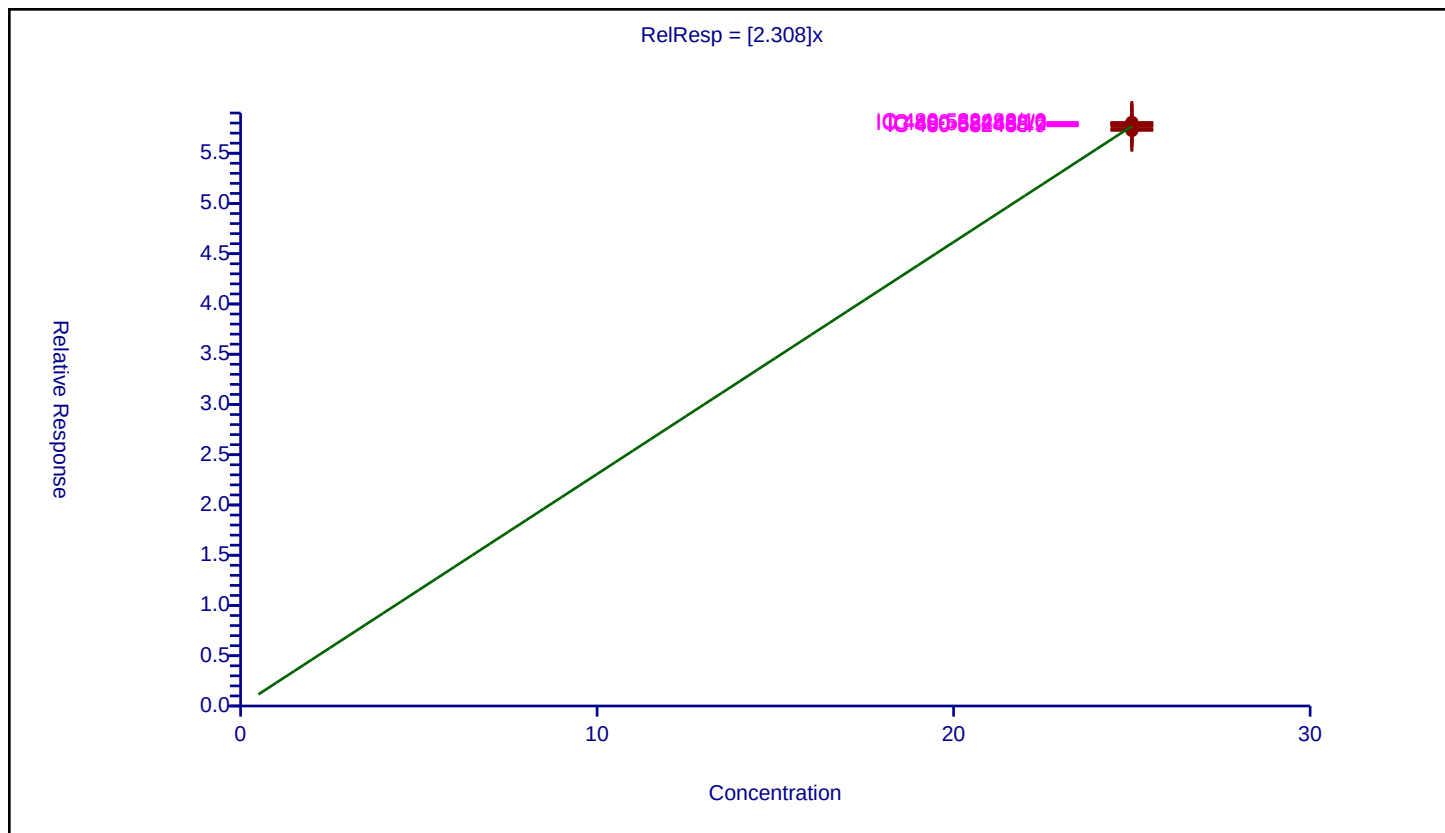
Curve Coefficients

Intercept: 0
 Slope: 2.308

Error Coefficients

Standard Error: 802000
 Relative Standard Error: 0.5
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	25.0	58.009513	25.0	320600.0	2.320381	Y
2	IC 480-582488/7	25.0	57.819993	25.0	324070.0	2.3128	Y
3	IC 480-582488/8	25.0	57.46334	25.0	336535.0	2.298534	Y
4	IC 480-582488/9	25.0	57.722479	25.0	328256.0	2.308899	Y
5	IC 480-582488/10	25.0	58.06181	25.0	319708.0	2.322472	Y
6	ICIS 480-582488/11	25.0	57.26708	25.0	323008.0	2.290683	Y
7	IC 480-582488/12	25.0	57.853078	25.0	322797.0	2.314123	Y
8	IC 480-582488/13	25.0	57.356023	25.0	326909.0	2.294241	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

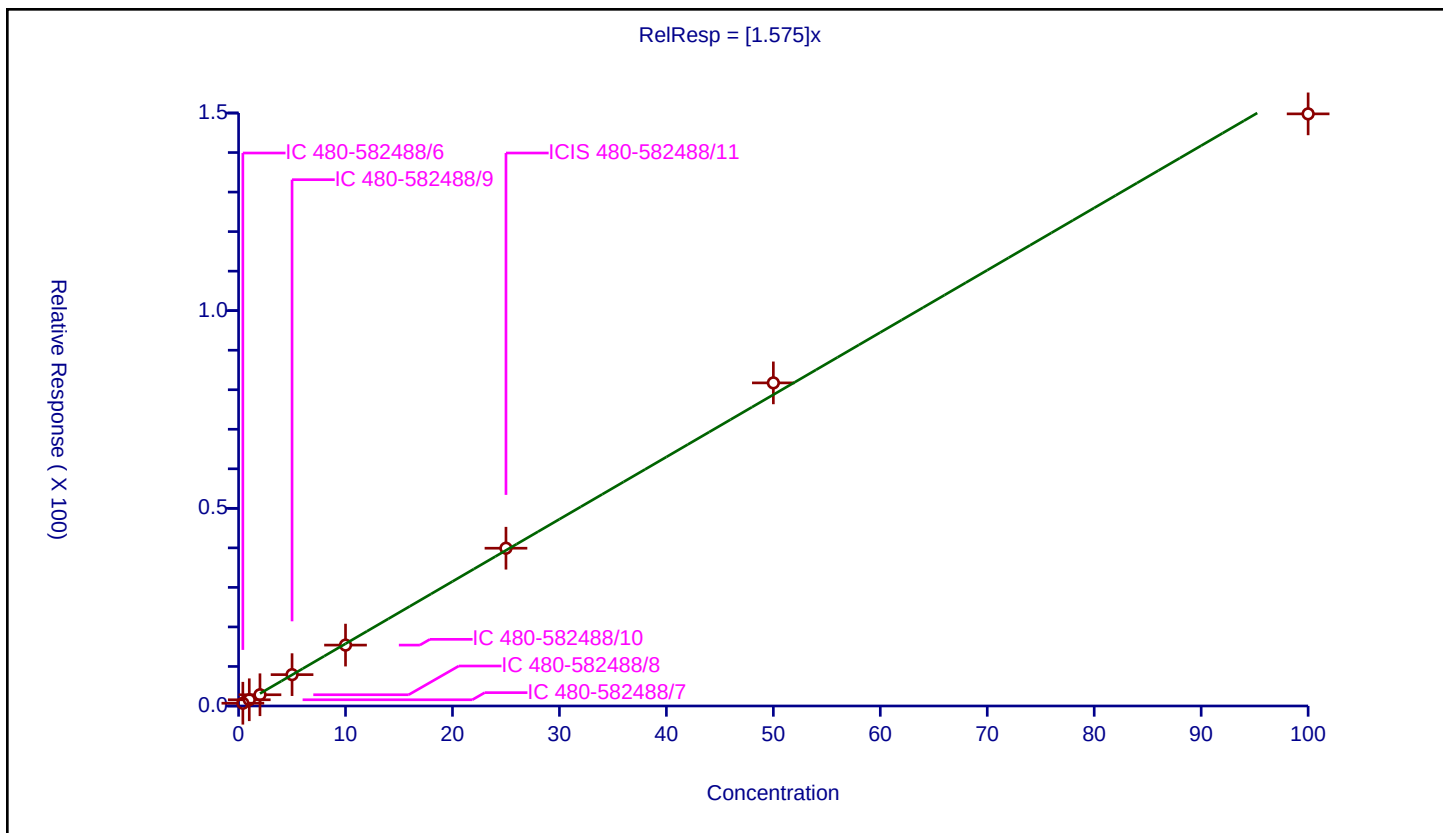
Curve Coefficients

Intercept: 0
Slope: 1.575

Error Coefficients

Standard Error: 867000
Relative Standard Error: 6.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.699704	25.0	320600.0	1.749259	Y
2	IC 480-582488/7	1.0	1.572654	25.0	324070.0	1.572654	Y
3	IC 480-582488/8	2.0	2.842795	25.0	336535.0	1.421397	Y
4	IC 480-582488/9	5.0	7.9307	25.0	328256.0	1.58614	Y
5	IC 480-582488/10	10.0	15.406871	25.0	319708.0	1.540687	Y
6	ICIS 480-582488/11	25.0	39.911318	25.0	323008.0	1.596453	Y
7	IC 480-582488/12	50.0	81.737051	25.0	322797.0	1.634741	Y
8	IC 480-582488/13	100.0	149.782126	25.0	326909.0	1.497821	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

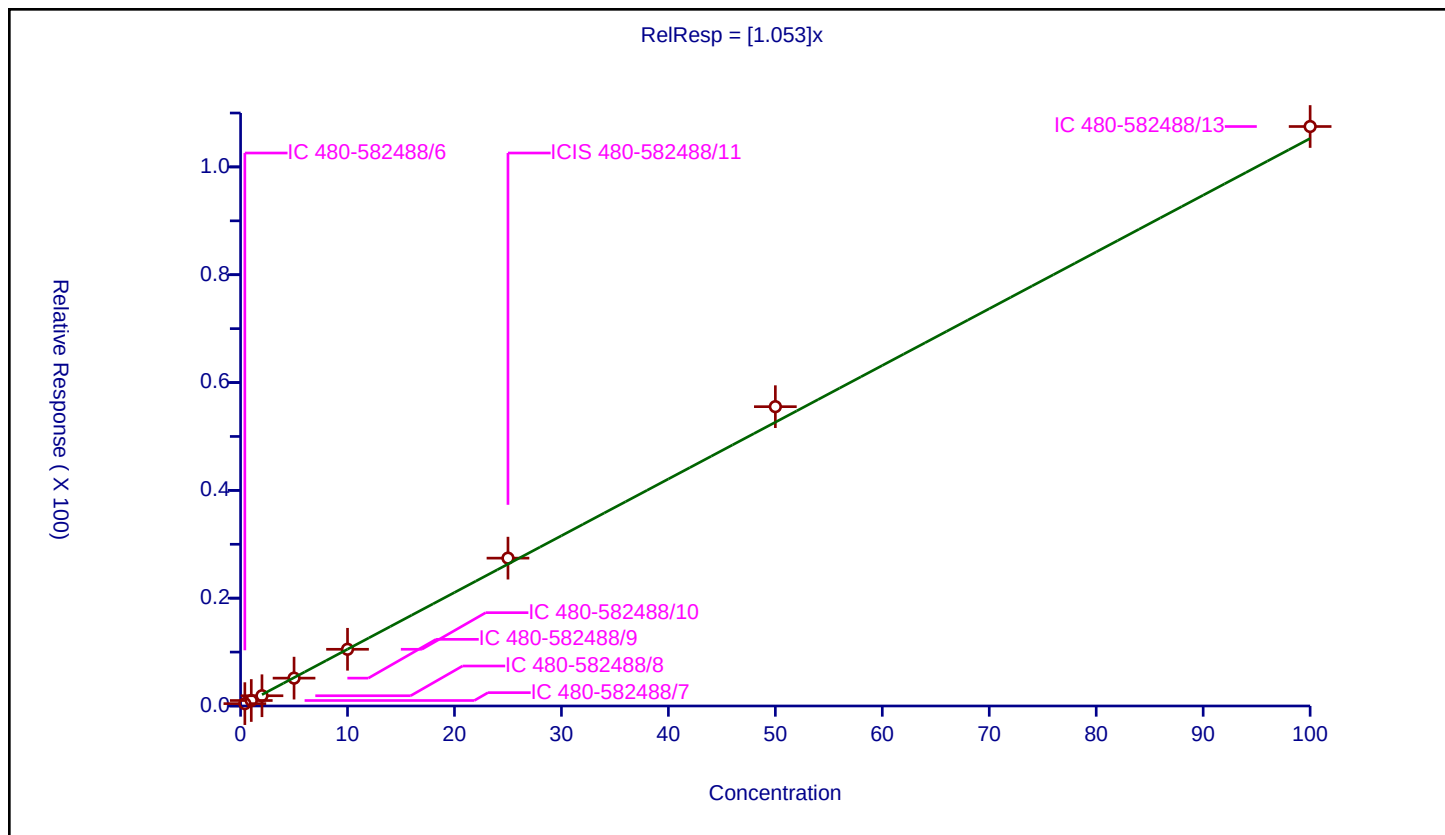
Curve Coefficients

Intercept: 0
Slope: 1.053

Error Coefficients

Standard Error: 614000
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	IC 480-582488/6	0.4	0.435434	25.0	320600.0	1.088584	Y
2	IC 480-582488/7	1.0	1.015444	25.0	324070.0	1.015444	Y
3	IC 480-582488/8	2.0	1.90166	25.0	336535.0	0.95083	Y
4	IC 480-582488/9	5.0	5.164871	25.0	328256.0	1.032974	Y
5	IC 480-582488/10	10.0	10.520068	25.0	319708.0	1.052007	Y
6	ICIS 480-582488/11	25.0	27.428965	25.0	323008.0	1.097159	Y
7	IC 480-582488/12	50.0	55.527545	25.0	322797.0	1.110551	Y
8	IC 480-582488/13	100.0	107.494976	25.0	326909.0	1.07495	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

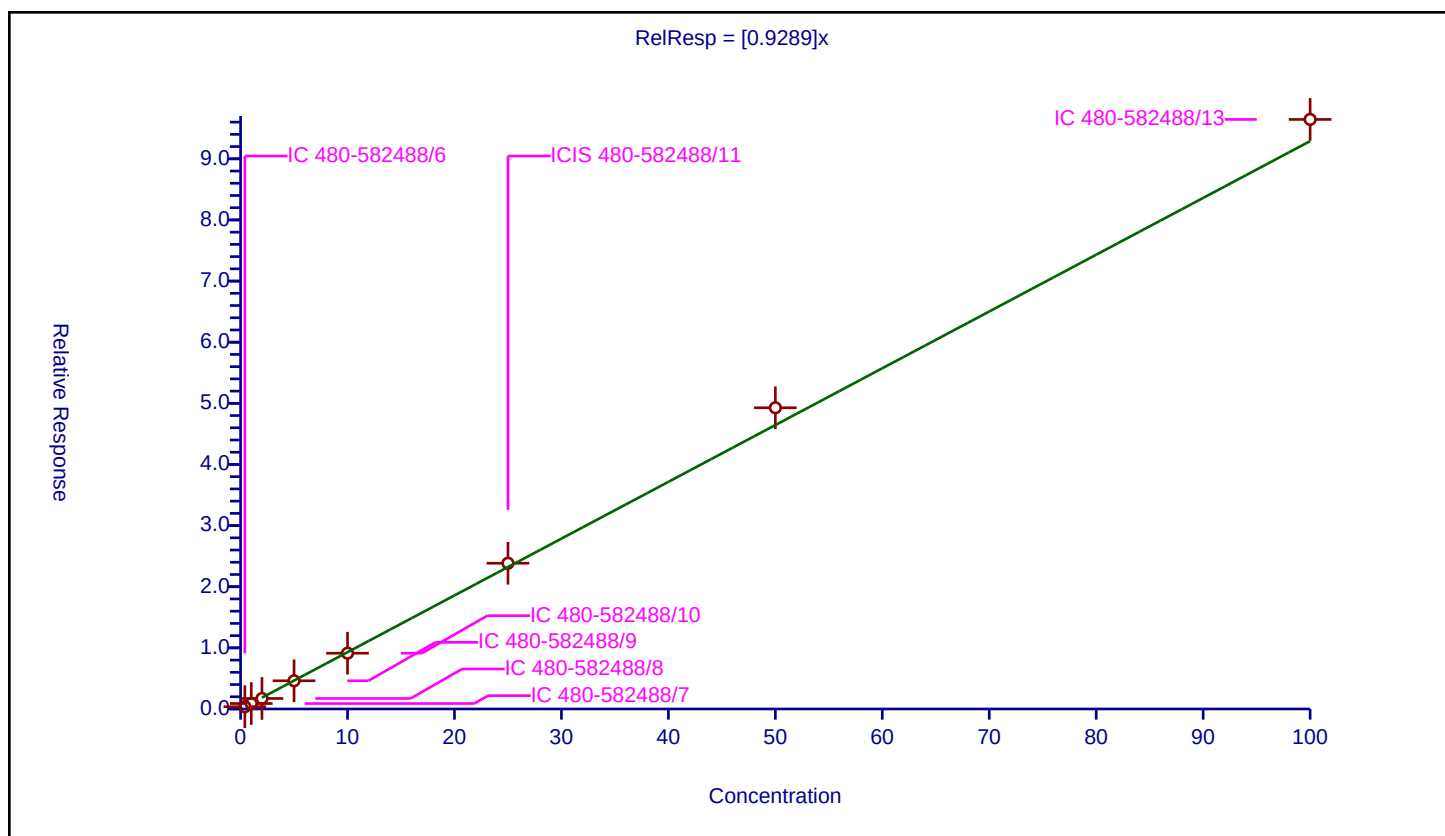
Curve Coefficients

Intercept: 0
 Slope: 0.9289

Error Coefficients

Standard Error: 549000
 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	IC 480-582488/6	0.4	0.374766	25.0	320600.0	0.936915	Y
2	IC 480-582488/7	1.0	0.893866	25.0	324070.0	0.893866	Y
3	IC 480-582488/8	2.0	1.722852	25.0	336535.0	0.861426	Y
4	IC 480-582488/9	5.0	4.614462	25.0	328256.0	0.922892	Y
5	IC 480-582488/10	10.0	9.124576	25.0	319708.0	0.912458	Y
6	ICIS 480-582488/11	25.0	23.841824	25.0	323008.0	0.953673	Y
7	IC 480-582488/12	50.0	49.2771	25.0	322797.0	0.985542	Y
8	IC 480-582488/13	100.0	96.442129	25.0	326909.0	0.964421	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

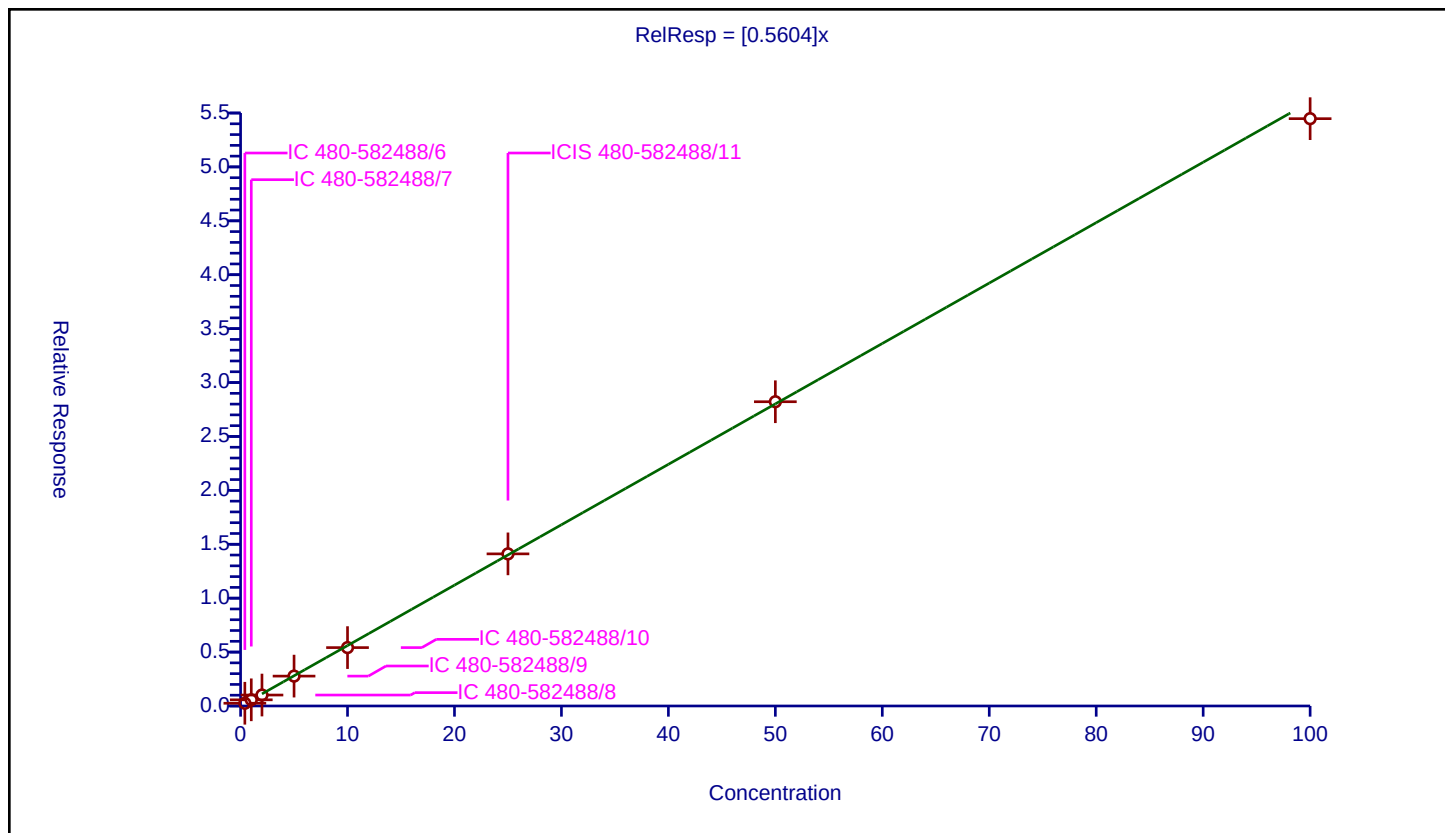
Curve Coefficients

Intercept: 0
 Slope: 0.5604

Error Coefficients

Standard Error: 312000
 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	IC 480-582488/6	0.4	0.253119	25.0	320600.0	0.632798	Y
2	IC 480-582488/7	1.0	0.572484	25.0	324070.0	0.572484	Y
3	IC 480-582488/8	2.0	1.016462	25.0	336535.0	0.508231	Y
4	IC 480-582488/9	5.0	2.77177	25.0	328256.0	0.554354	Y
5	IC 480-582488/10	10.0	5.416583	25.0	319708.0	0.541658	Y
6	ICIS 480-582488/11	25.0	14.109248	25.0	323008.0	0.56437	Y
7	IC 480-582488/12	50.0	28.221297	25.0	322797.0	0.564426	Y
8	IC 480-582488/13	100.0	54.476475	25.0	326909.0	0.544765	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

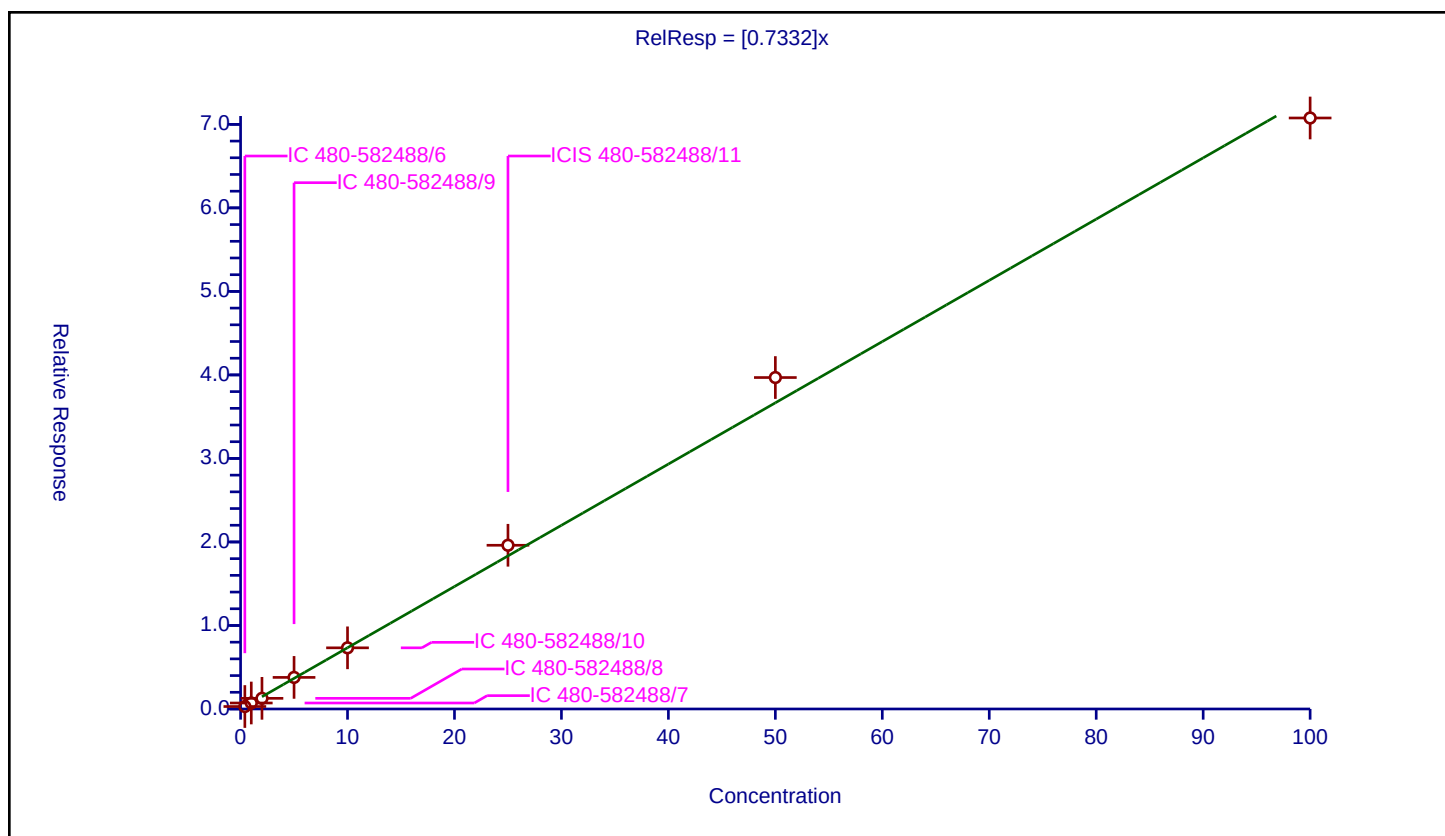
Curve Coefficients

Intercept: 0
 Slope: 0.7332

Error Coefficients

Standard Error: 413000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.294682	25.0	320600.0	0.736705	Y
2	IC 480-582488/7	1.0	0.716666	25.0	324070.0	0.716666	Y
3	IC 480-582488/8	2.0	1.276093	25.0	336535.0	0.638047	Y
4	IC 480-582488/9	5.0	3.780967	25.0	328256.0	0.756193	Y
5	IC 480-582488/10	10.0	7.322463	25.0	319708.0	0.732246	Y
6	ICIS 480-582488/11	25.0	19.604158	25.0	323008.0	0.784166	Y
7	IC 480-582488/12	50.0	39.686397	25.0	322797.0	0.793728	Y
8	IC 480-582488/13	100.0	70.764188	25.0	326909.0	0.707642	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

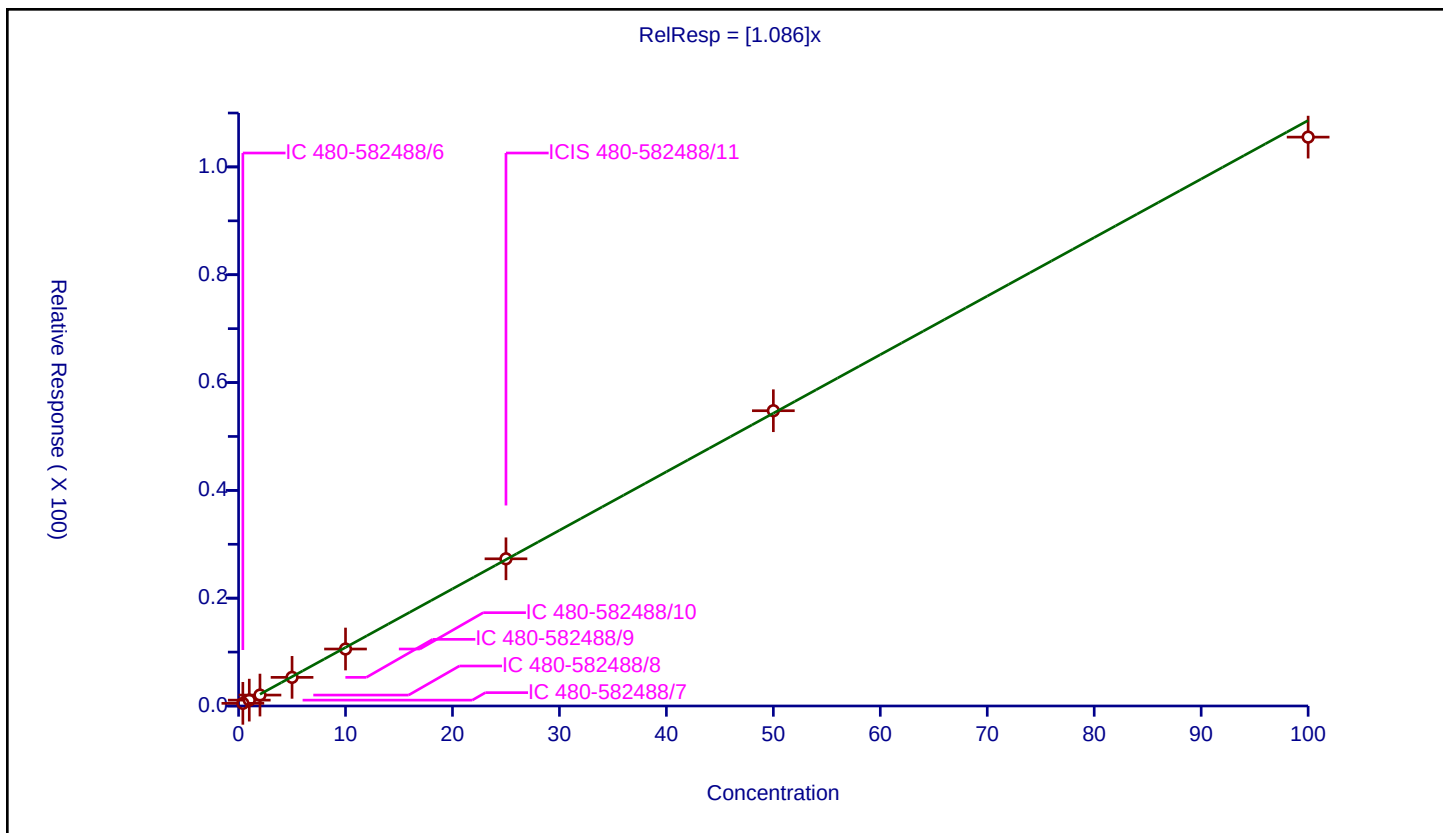
Curve Coefficients

Intercept: 0
 Slope: 1.086

Error Coefficients

Standard Error: 604000
 Relative Standard Error: 5.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.492436	25.0	320600.0	1.23109	Y
2	IC 480-582488/7	1.0	1.083948	25.0	324070.0	1.083948	Y
3	IC 480-582488/8	2.0	2.025198	25.0	336535.0	1.012599	Y
4	IC 480-582488/9	5.0	5.310718	25.0	328256.0	1.062144	Y
5	IC 480-582488/10	10.0	10.570427	25.0	319708.0	1.057043	Y
6	ICIS 480-582488/11	25.0	27.302652	25.0	323008.0	1.092106	Y
7	IC 480-582488/12	50.0	54.772427	25.0	322797.0	1.095449	Y
8	IC 480-582488/13	100.0	105.527914	25.0	326909.0	1.055279	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

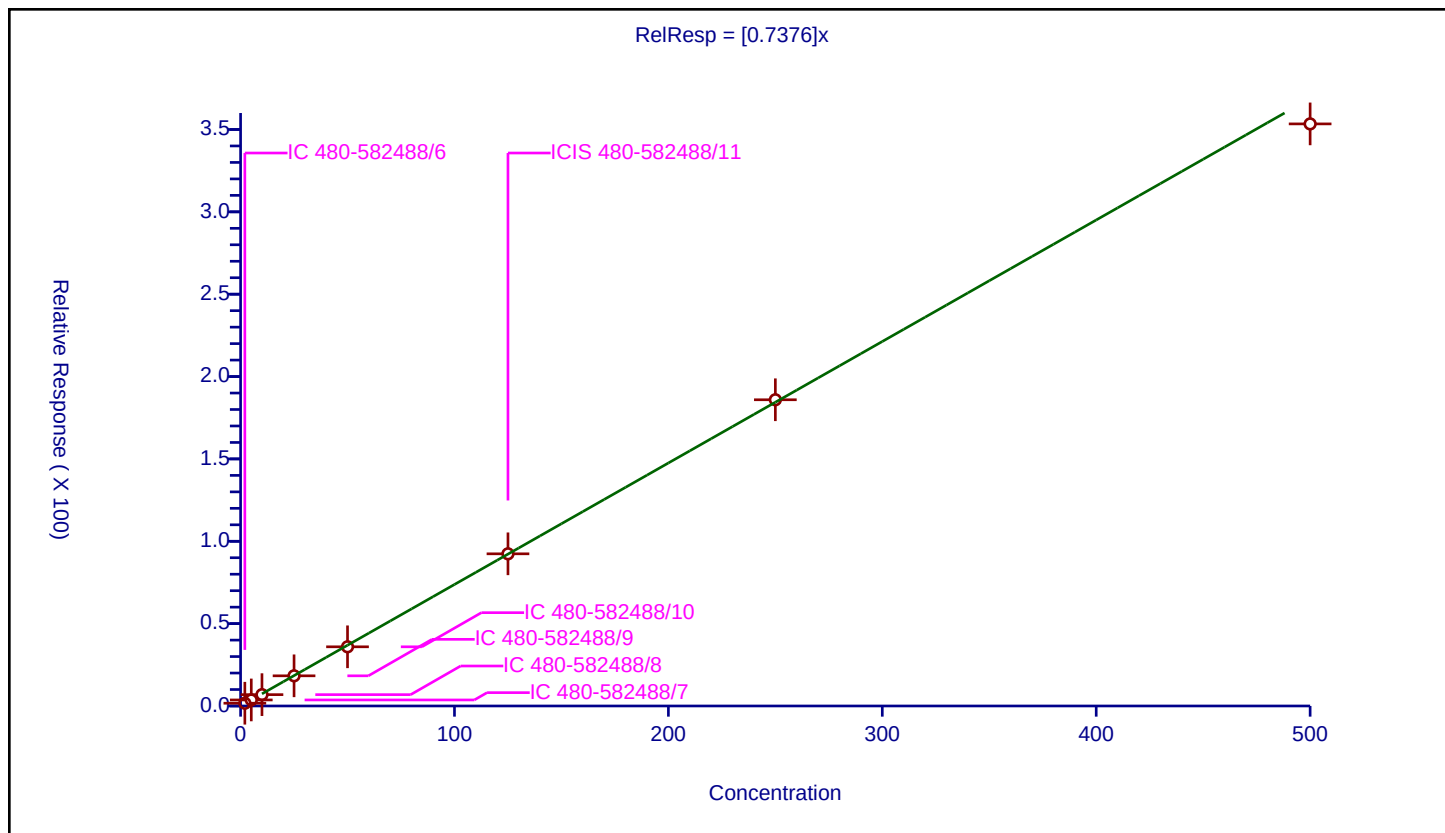
Curve Coefficients

Intercept: 0
 Slope: 0.7376

Error Coefficients

Standard Error: 2030000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	2.0	1.67748	25.0	320600.0	0.83874	Y
2	IC 480-582488/7	5.0	3.662326	25.0	324070.0	0.732465	Y
3	IC 480-582488/8	10.0	6.891037	25.0	336535.0	0.689104	Y
4	IC 480-582488/9	25.0	18.312689	25.0	328256.0	0.732508	Y
5	IC 480-582488/10	50.0	35.926377	25.0	319708.0	0.718528	Y
6	ICIS 480-582488/11	125.0	92.38409	25.0	323008.0	0.739073	Y
7	IC 480-582488/12	250.0	185.91034	25.0	322797.0	0.743641	Y
8	IC 480-582488/13	500.0	353.393605	25.0	326909.0	0.706787	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

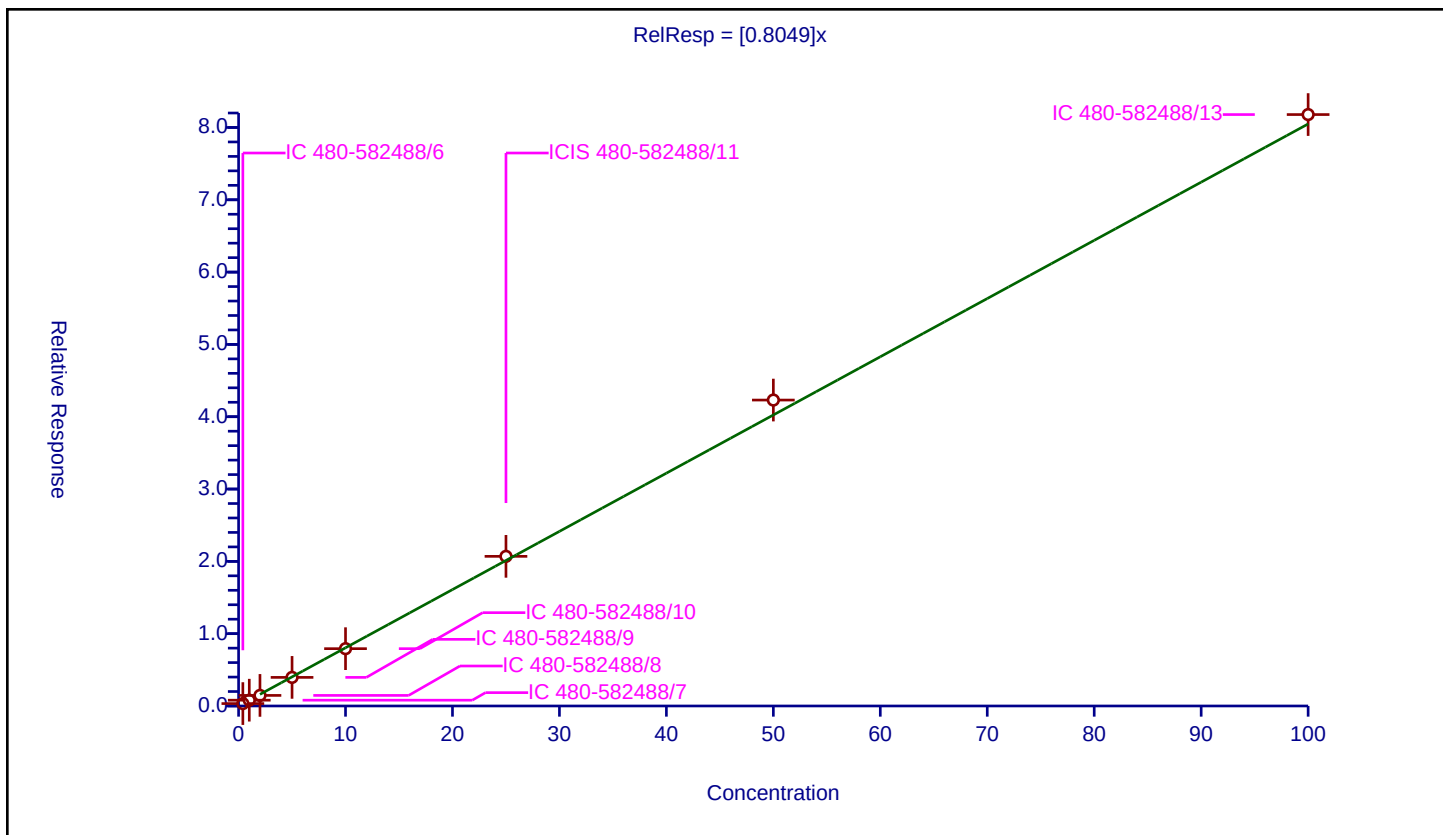
Curve Coefficients

Intercept: 0
 Slope: 0.8049

Error Coefficients

Standard Error: 467000
 Relative Standard Error: 4.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.333203	25.0	320600.0	0.833008	Y
2	IC 480-582488/7	1.0	0.800367	25.0	324070.0	0.800367	Y
3	IC 480-582488/8	2.0	1.461215	25.0	336535.0	0.730608	Y
4	IC 480-582488/9	5.0	3.954307	25.0	328256.0	0.790861	Y
5	IC 480-582488/10	10.0	7.925122	25.0	319708.0	0.792512	Y
6	ICIS 480-582488/11	25.0	20.692135	25.0	323008.0	0.827685	Y
7	IC 480-582488/12	50.0	42.307317	25.0	322797.0	0.846146	Y
8	IC 480-582488/13	100.0	81.78568	25.0	326909.0	0.817857	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

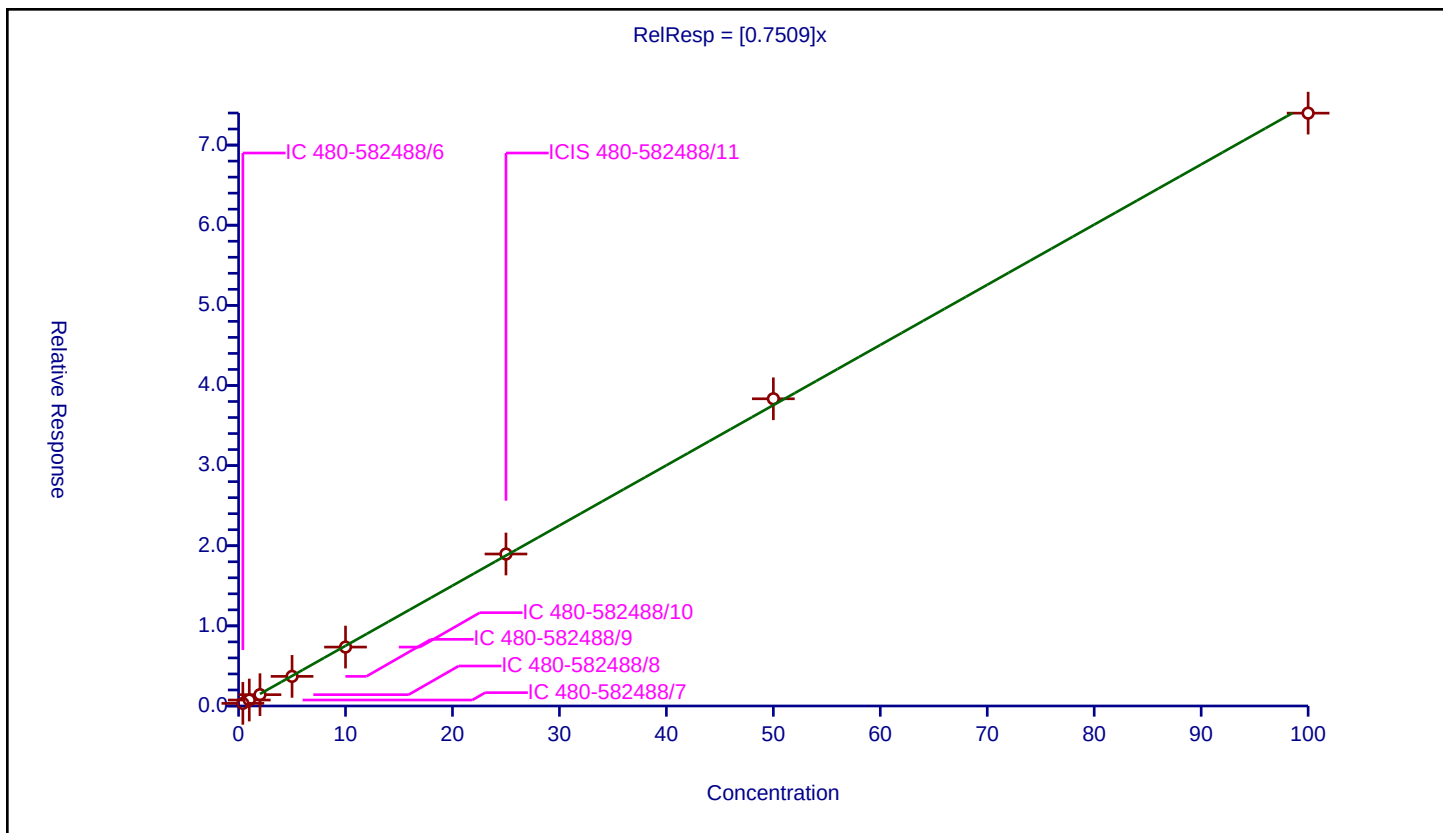
Curve Coefficients

Intercept: 0
 Slope: 0.7509

Error Coefficients

Standard Error: 423000
 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	IC 480-582488/6	0.4	0.327199	25.0	320600.0	0.817998	Y
2	IC 480-582488/7	1.0	0.743898	25.0	324070.0	0.743898	Y
3	IC 480-582488/8	2.0	1.411666	25.0	336535.0	0.705833	Y
4	IC 480-582488/9	5.0	3.694906	25.0	328256.0	0.738981	Y
5	IC 480-582488/10	10.0	7.352178	25.0	319708.0	0.735218	Y
6	ICIS 480-582488/11	25.0	18.968338	25.0	323008.0	0.758734	Y
7	IC 480-582488/12	50.0	38.337949	25.0	322797.0	0.766759	Y
8	IC 480-582488/13	100.0	73.98328	25.0	326909.0	0.739833	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

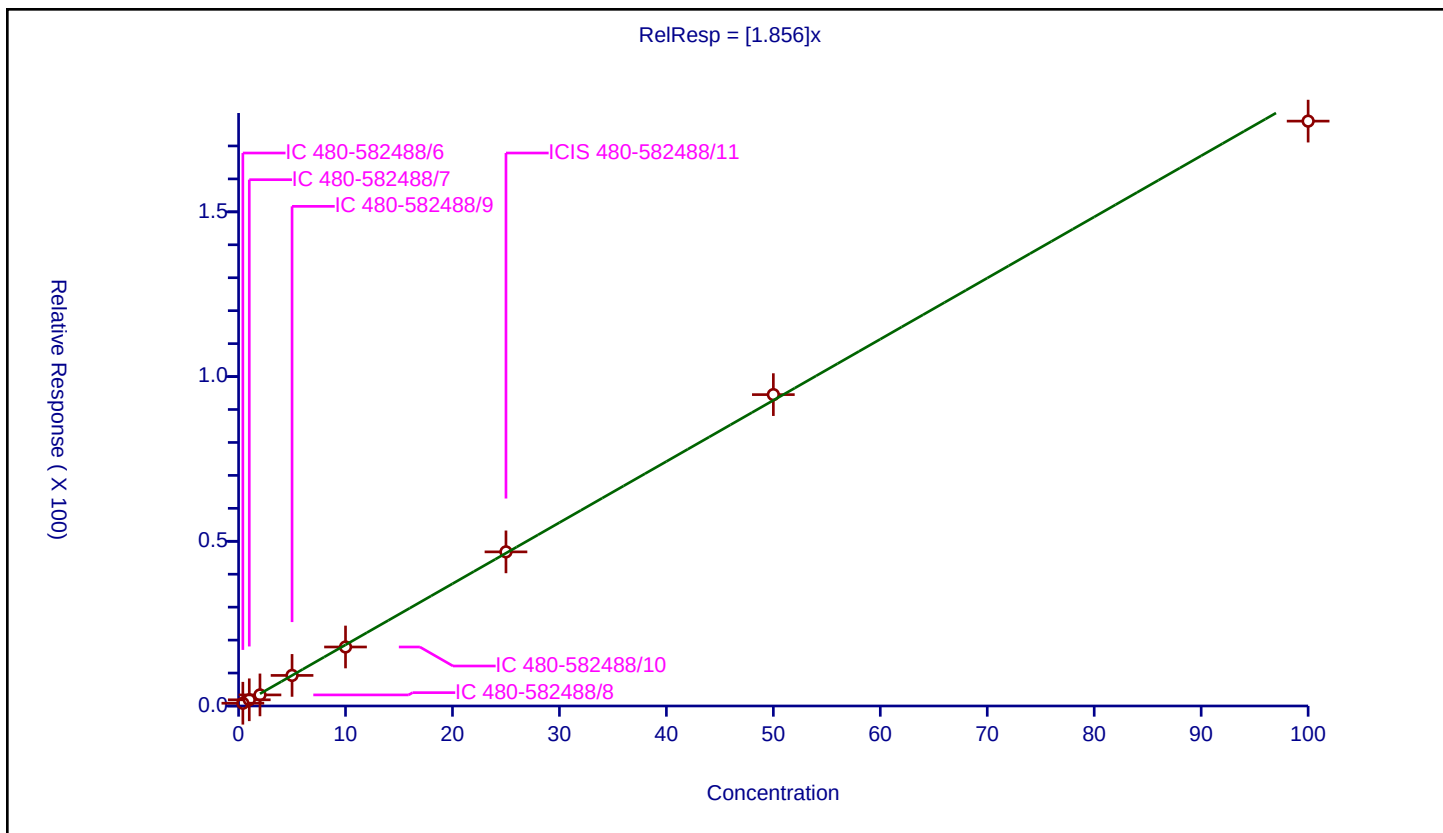
Curve Coefficients

Intercept: 0
 Slope: 1.856

Error Coefficients

Standard Error: 1020000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.837414	25.0	320600.0	2.093536	Y
2	IC 480-582488/7	1.0	1.884855	25.0	324070.0	1.884855	Y
3	IC 480-582488/8	2.0	3.365697	25.0	336535.0	1.682849	Y
4	IC 480-582488/9	5.0	9.284293	25.0	328256.0	1.856859	Y
5	IC 480-582488/10	10.0	17.906496	25.0	319708.0	1.79065	Y
6	ICIS 480-582488/11	25.0	46.780652	25.0	323008.0	1.871226	Y
7	IC 480-582488/12	50.0	94.522176	25.0	322797.0	1.890444	Y
8	IC 480-582488/13	100.0	177.540845	25.0	326909.0	1.775408	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

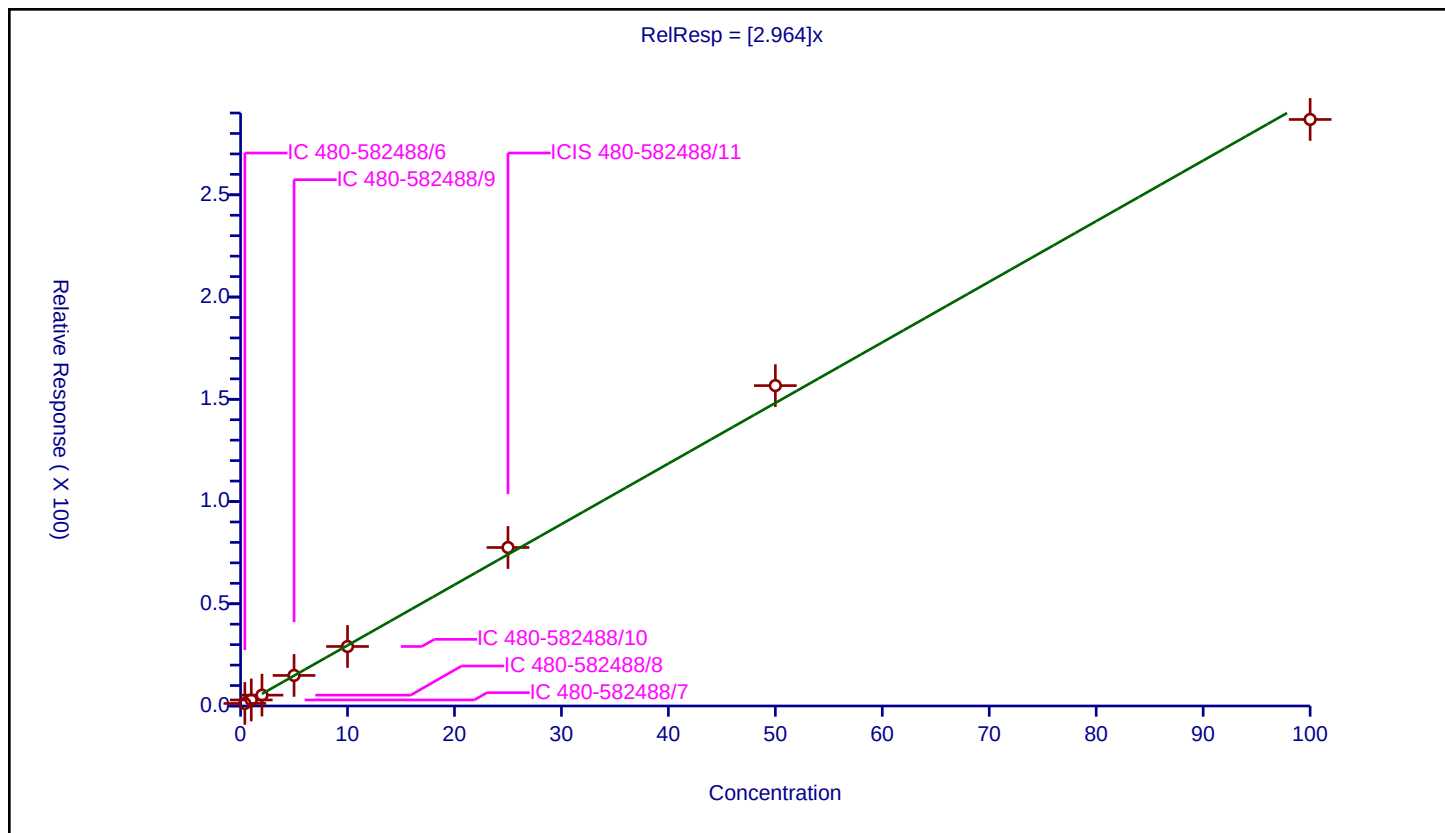
Curve Coefficients

Intercept: 0
Slope: 2.964

Error Coefficients

Standard Error: 1660000
Relative Standard Error: 5.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.241656	25.0	320600.0	3.104141	Y
2	IC 480-582488/7	1.0	2.956537	25.0	324070.0	2.956537	Y
3	IC 480-582488/8	2.0	5.298632	25.0	336535.0	2.649316	Y
4	IC 480-582488/9	5.0	14.941387	25.0	328256.0	2.988277	Y
5	IC 480-582488/10	10.0	29.099366	25.0	319708.0	2.909937	Y
6	ICIS 480-582488/11	25.0	77.511857	25.0	323008.0	3.100474	Y
7	IC 480-582488/12	50.0	156.688956	25.0	322797.0	3.133779	Y
8	IC 480-582488/13	100.0	286.838845	25.0	326909.0	2.868388	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

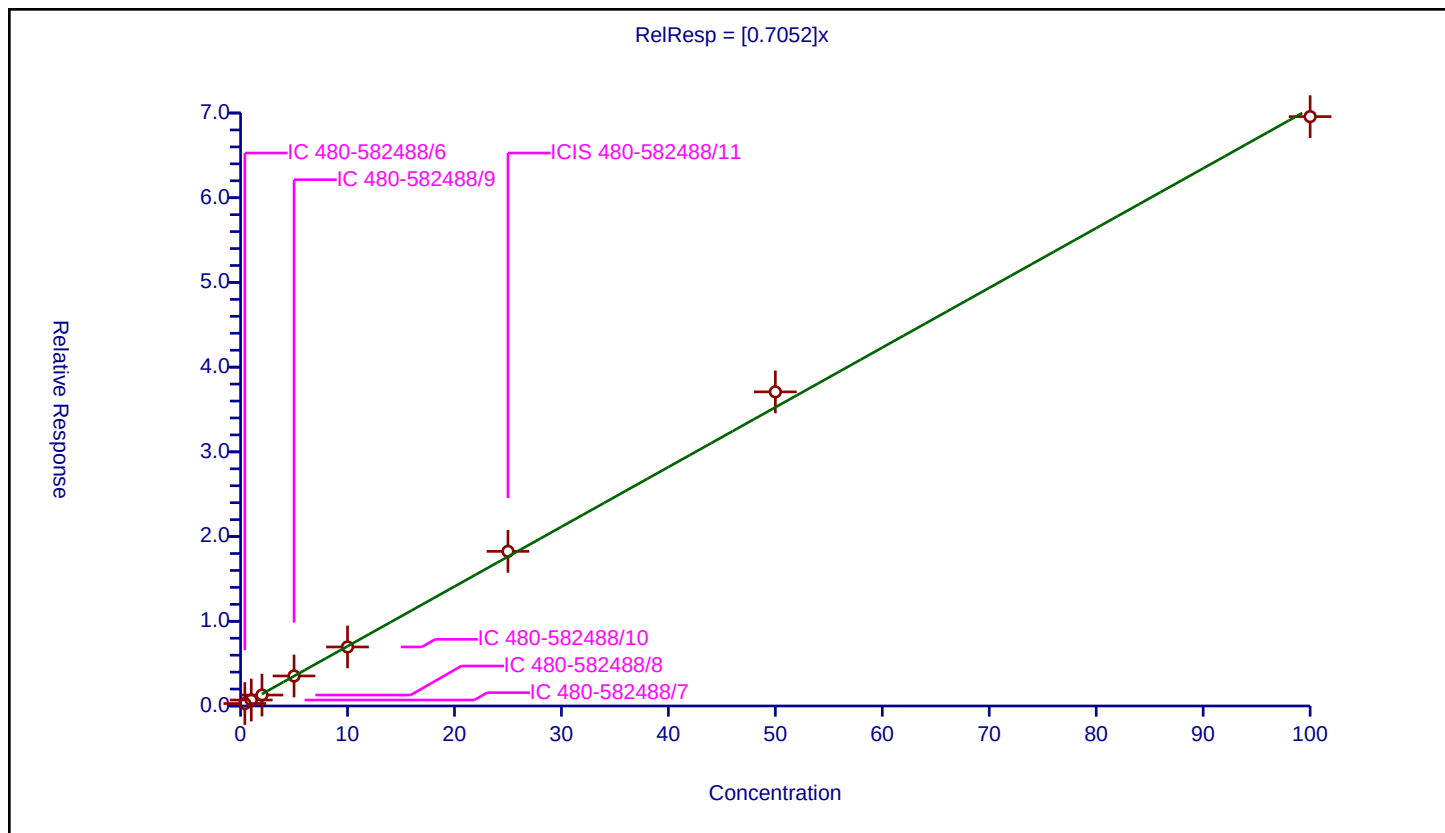
Curve Coefficients

Intercept: 0
 Slope: 0.7052

Error Coefficients

Standard Error: 401000
 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	IC 480-582488/6	0.4	0.287508	25.0	320600.0	0.718769	Y
2	IC 480-582488/7	1.0	0.703166	25.0	324070.0	0.703166	Y
3	IC 480-582488/8	2.0	1.29251	25.0	336535.0	0.646255	Y
4	IC 480-582488/9	5.0	3.543804	25.0	328256.0	0.708761	Y
5	IC 480-582488/10	10.0	6.968077	25.0	319708.0	0.696808	Y
6	ICIS 480-582488/11	25.0	18.254114	25.0	323008.0	0.730165	Y
7	IC 480-582488/12	50.0	37.081277	25.0	322797.0	0.741626	Y
8	IC 480-582488/13	100.0	69.573949	25.0	326909.0	0.695739	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

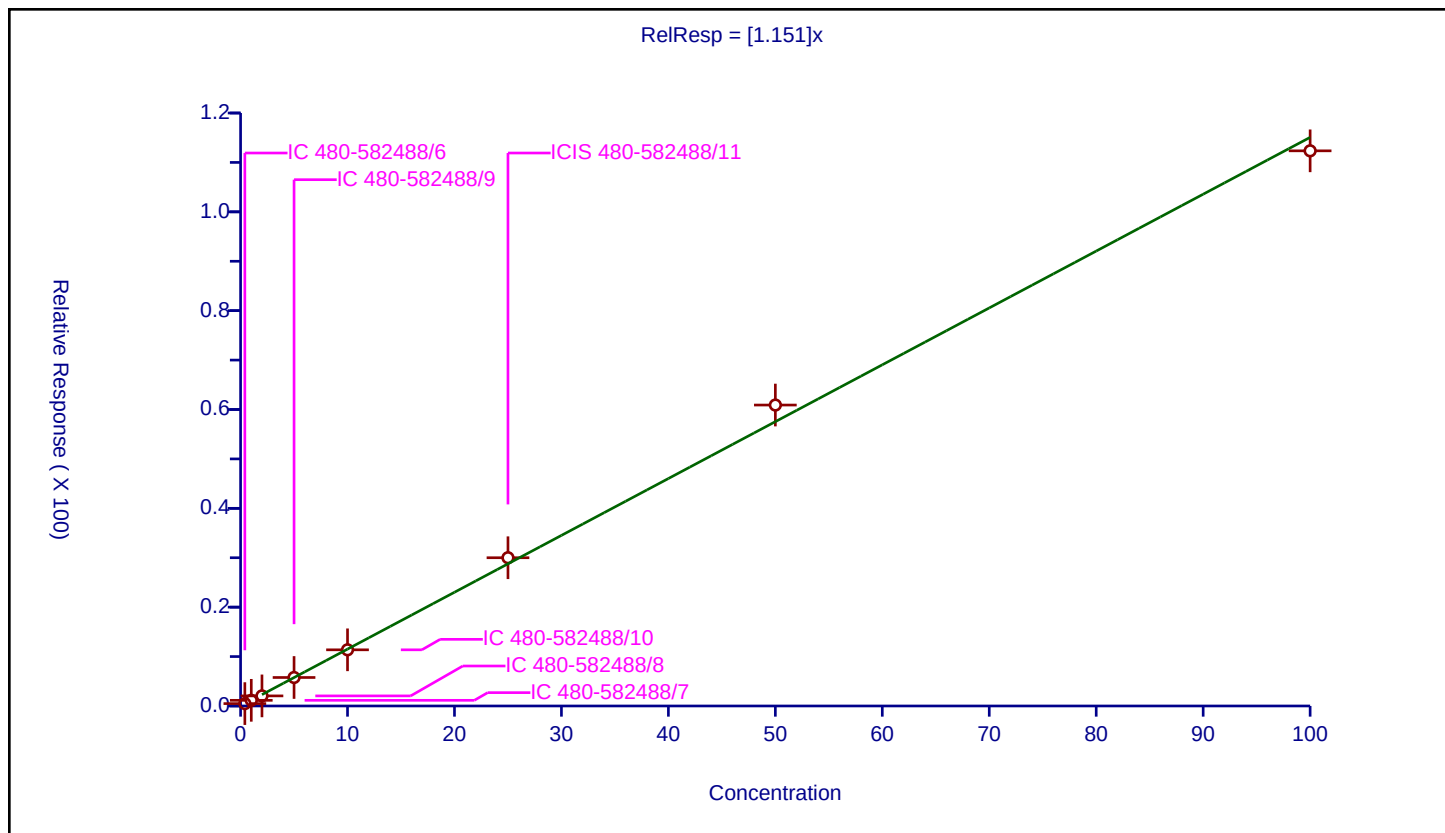
Curve Coefficients

Intercept: 0
Slope: 1.151

Error Coefficients

Standard Error: 650000
Relative Standard Error: 5.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.482299	25.0	320600.0	1.205747	Y
2	IC 480-582488/7	1.0	1.147283	25.0	324070.0	1.147283	Y
3	IC 480-582488/8	2.0	2.042878	25.0	336535.0	1.021439	Y
4	IC 480-582488/9	5.0	5.765165	25.0	328256.0	1.153033	Y
5	IC 480-582488/10	10.0	11.369437	25.0	319708.0	1.136944	Y
6	ICIS 480-582488/11	25.0	30.00243	25.0	323008.0	1.200097	Y
7	IC 480-582488/12	50.0	60.900659	25.0	322797.0	1.218013	Y
8	IC 480-582488/13	100.0	112.349232	25.0	326909.0	1.123492	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

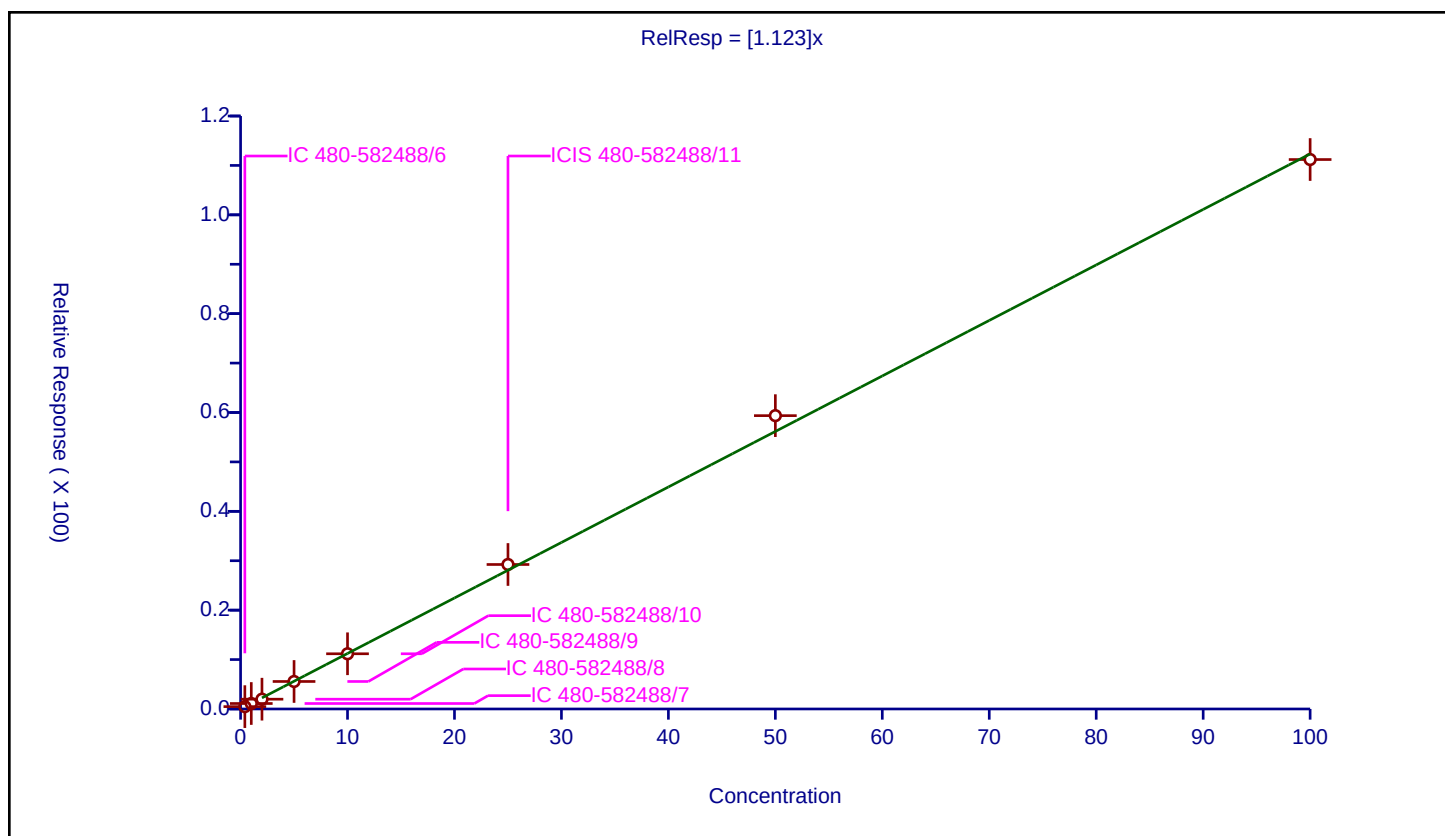
Curve Coefficients

Intercept: 0
Slope: 1.123

Error Coefficients

Standard Error: 640000
Relative Standard Error: 5.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.475203	25.0	320600.0	1.188007	Y
2	IC 480-582488/7	1.0	1.1074	25.0	324070.0	1.1074	Y
3	IC 480-582488/8	2.0	1.983449	25.0	336535.0	0.991724	Y
4	IC 480-582488/9	5.0	5.564559	25.0	328256.0	1.112912	Y
5	IC 480-582488/10	10.0	11.173008	25.0	319708.0	1.117301	Y
6	ICIS 480-582488/11	25.0	29.240684	25.0	323008.0	1.169627	Y
7	IC 480-582488/12	50.0	59.364167	25.0	322797.0	1.187283	Y
8	IC 480-582488/13	100.0	111.195164	25.0	326909.0	1.111952	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

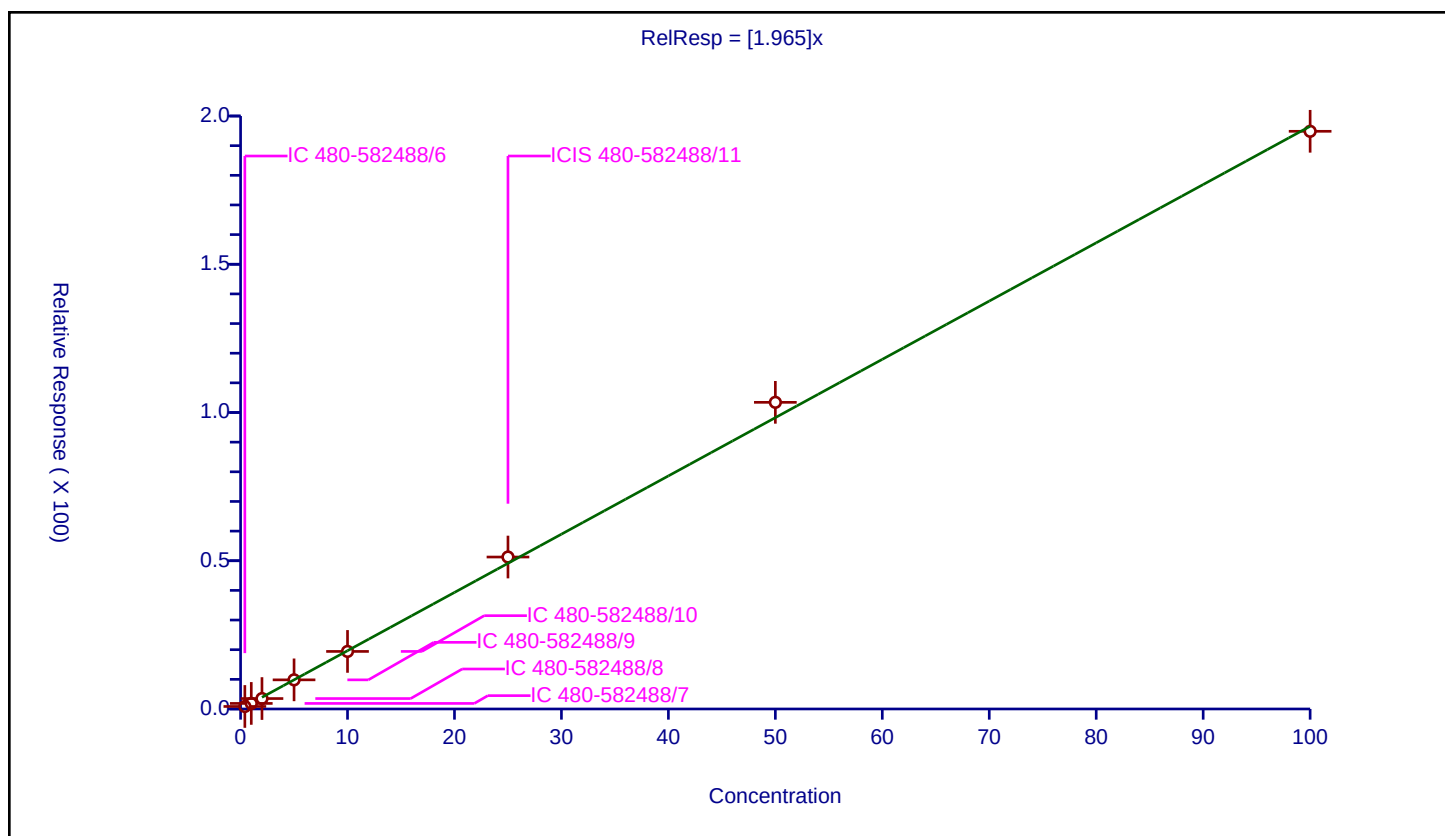
Curve Coefficients

Intercept: 0
 Slope: 1.965

Error Coefficients

Standard Error: 1120000
 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	IC 480-582488/6	0.4	0.845524	25.0	320600.0	2.11381	Y
2	IC 480-582488/7	1.0	1.877449	25.0	324070.0	1.877449	Y
3	IC 480-582488/8	2.0	3.516648	25.0	336535.0	1.758324	Y
4	IC 480-582488/9	5.0	9.825715	25.0	328256.0	1.965143	Y
5	IC 480-582488/10	10.0	19.415451	25.0	319708.0	1.941545	Y
6	ICIS 480-582488/11	25.0	51.252059	25.0	323008.0	2.050082	Y
7	IC 480-582488/12	50.0	103.424908	25.0	322797.0	2.068498	Y
8	IC 480-582488/13	100.0	194.843978	25.0	326909.0	1.94844	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

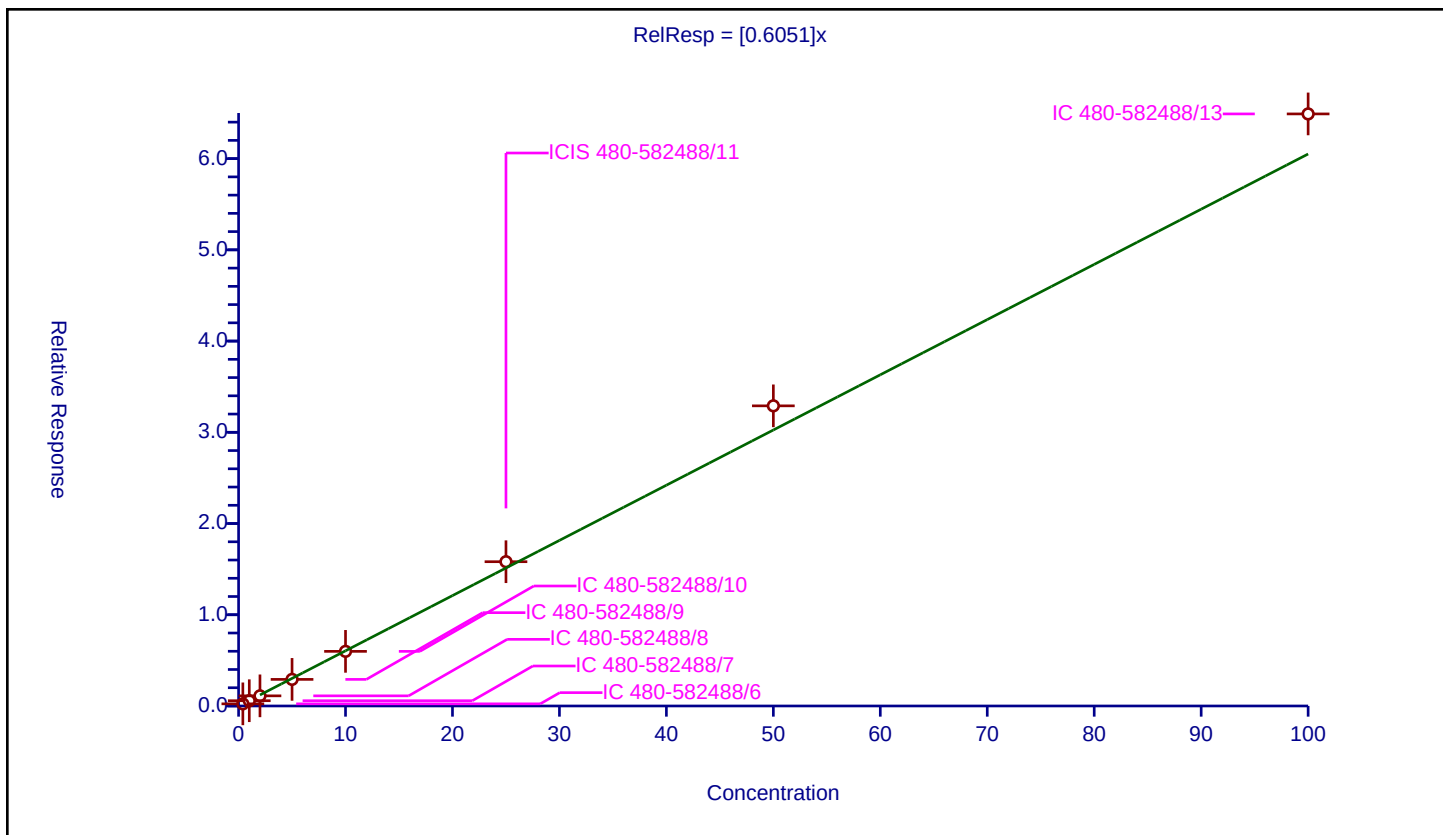
Curve Coefficients

Intercept: 0
 Slope: 0.6051

Error Coefficients

Standard Error: 368000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.234716	25.0	320600.0	0.58679	Y
2	IC 480-582488/7	1.0	0.576187	25.0	324070.0	0.576187	Y
3	IC 480-582488/8	2.0	1.112291	25.0	336535.0	0.556146	Y
4	IC 480-582488/9	5.0	2.915103	25.0	328256.0	0.583021	Y
5	IC 480-582488/10	10.0	5.987964	25.0	319708.0	0.598796	Y
6	ICIS 480-582488/11	25.0	15.815785	25.0	323008.0	0.632631	Y
7	IC 480-582488/12	50.0	32.900011	25.0	322797.0	0.658	Y
8	IC 480-582488/13	100.0	64.900477	25.0	326909.0	0.649005	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

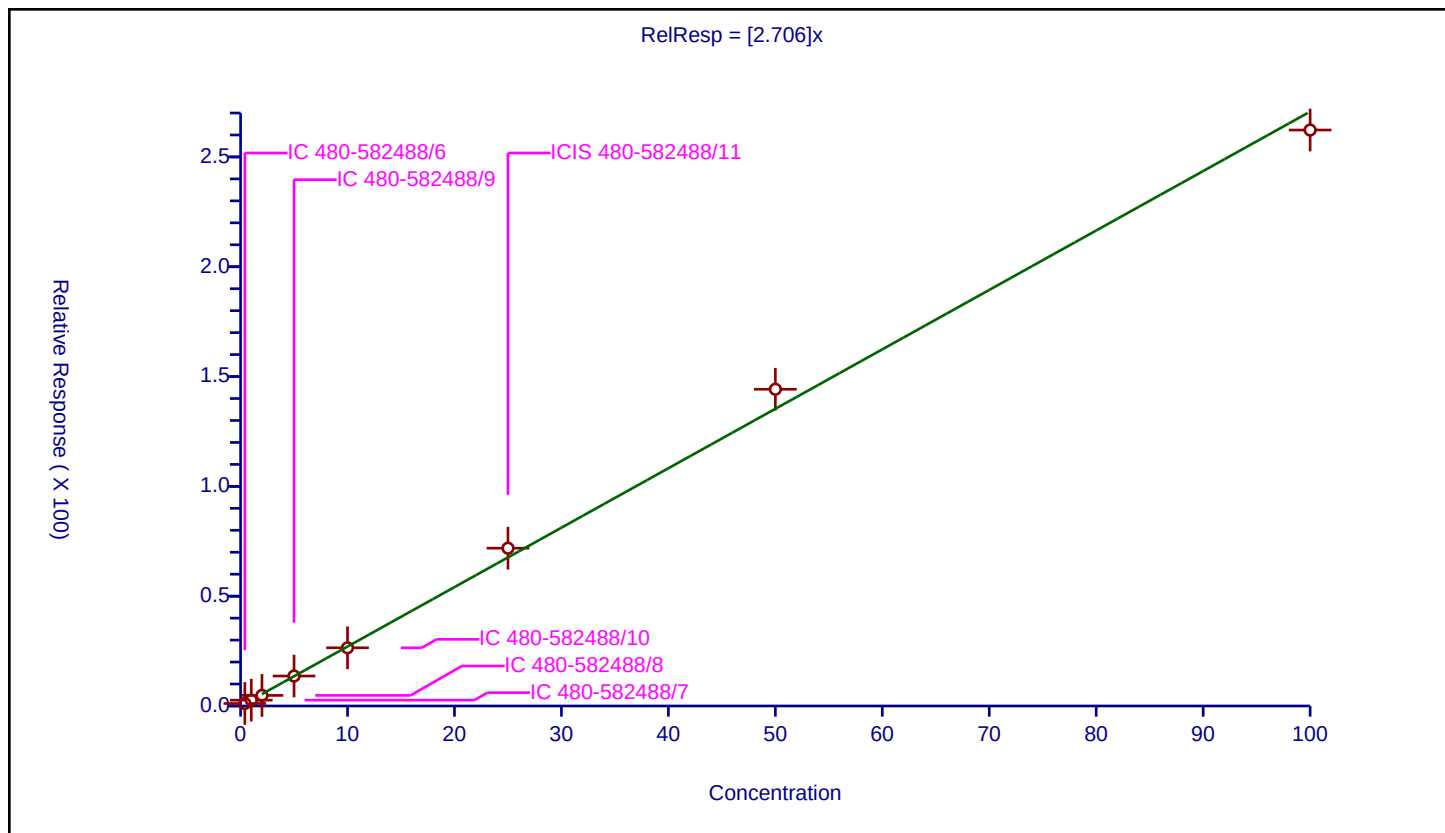
Curve Coefficients

Intercept: 0
Slope: 2.706

Error Coefficients

Standard Error: 1640000
Relative Standard Error: 6.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	1.135706	25.0	343905.0	2.839265	Y
2	IC 480-582488/7	1.0	2.647736	25.0	344889.0	2.647736	Y
3	IC 480-582488/8	2.0	4.810033	25.0	349587.0	2.405016	Y
4	IC 480-582488/9	5.0	13.638227	25.0	347646.0	2.727645	Y
5	IC 480-582488/10	10.0	26.498672	25.0	343254.0	2.649867	Y
6	ICIS 480-582488/11	25.0	71.846224	25.0	342946.0	2.873849	Y
7	IC 480-582488/12	50.0	144.224343	25.0	346545.0	2.884487	Y
8	IC 480-582488/13	100.0	262.255624	25.0	352940.0	2.622556	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

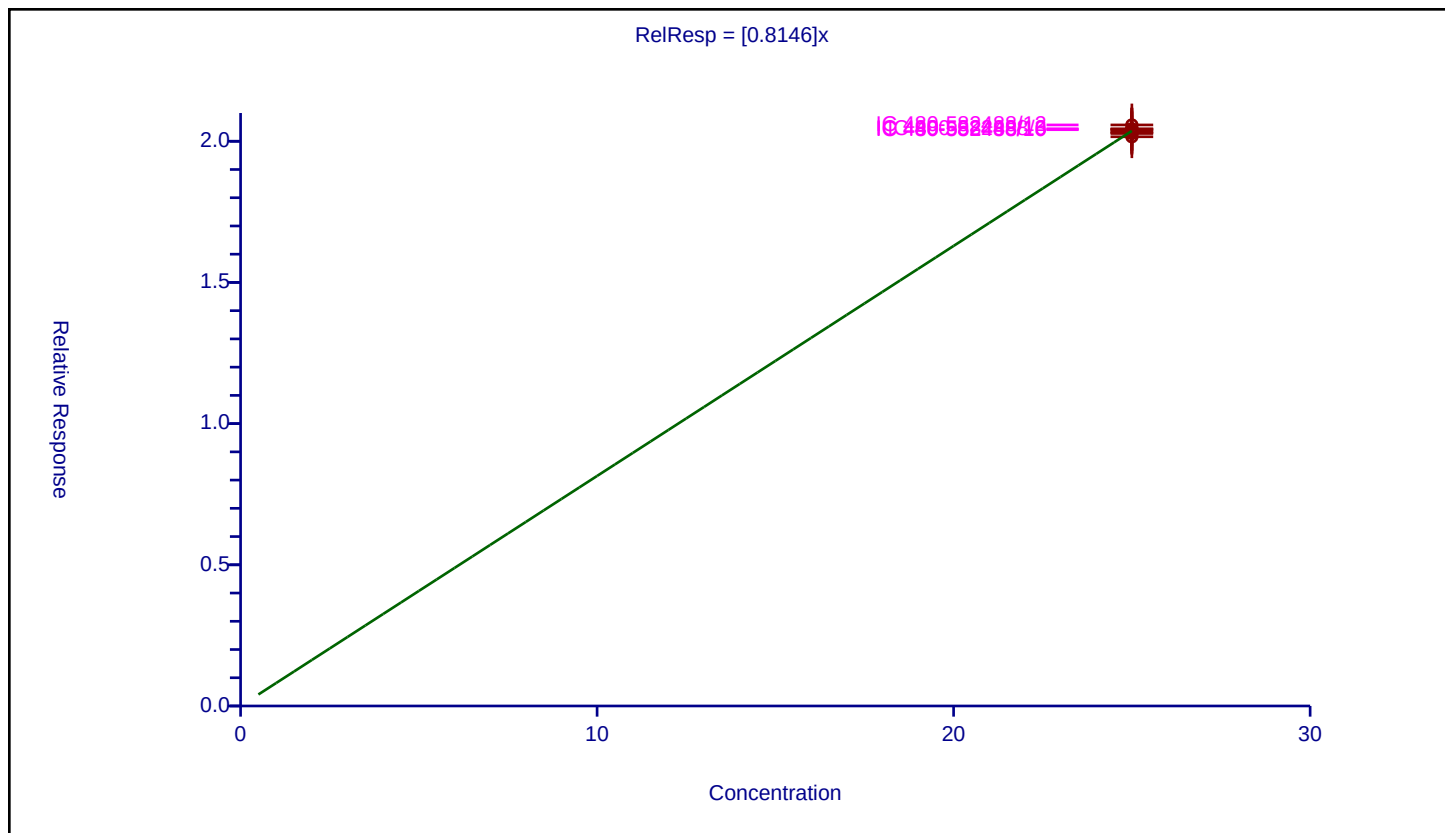
Curve Coefficients

Intercept: 0
 Slope: 0.8146

Error Coefficients

Standard Error: 283000
 Relative Standard Error: 0.6
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	25.0	20.440424	25.0	320600.0	0.817617	Y
2	IC 480-582488/7	25.0	20.158762	25.0	324070.0	0.80635	Y
3	IC 480-582488/8	25.0	20.274043	25.0	336535.0	0.810962	Y
4	IC 480-582488/9	25.0	20.306483	25.0	328256.0	0.812259	Y
5	IC 480-582488/10	25.0	20.409092	25.0	319708.0	0.816364	Y
6	ICIS 480-582488/11	25.0	20.334326	25.0	323008.0	0.813373	Y
7	IC 480-582488/12	25.0	20.577561	25.0	322797.0	0.823102	Y
8	IC 480-582488/13	25.0	20.426862	25.0	326909.0	0.817074	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

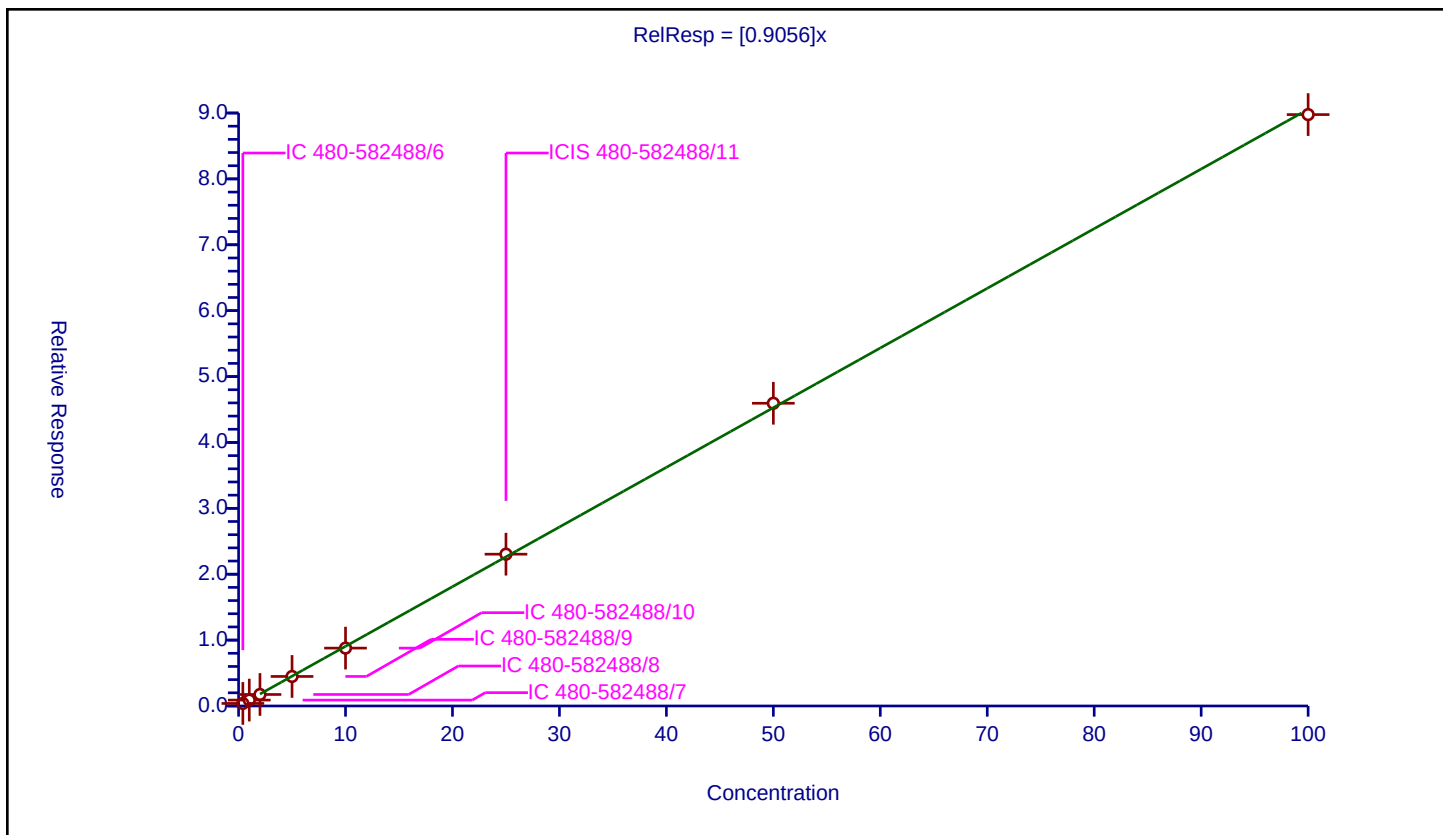
Curve Coefficients

Intercept: 0
Slope: 0.9056

Error Coefficients

Standard Error: 552000
Relative Standard Error: 3.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.384772	25.0	343905.0	0.96193	Y
2	IC 480-582488/7	1.0	0.8971	25.0	344889.0	0.8971	Y
3	IC 480-582488/8	2.0	1.744559	25.0	349587.0	0.872279	Y
4	IC 480-582488/9	5.0	4.48157	25.0	347646.0	0.896314	Y
5	IC 480-582488/10	10.0	8.785768	25.0	343254.0	0.878577	Y
6	ICIS 480-582488/11	25.0	23.040872	25.0	342946.0	0.921635	Y
7	IC 480-582488/12	50.0	45.949588	25.0	346545.0	0.918992	Y
8	IC 480-582488/13	100.0	89.76122	25.0	352940.0	0.897612	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

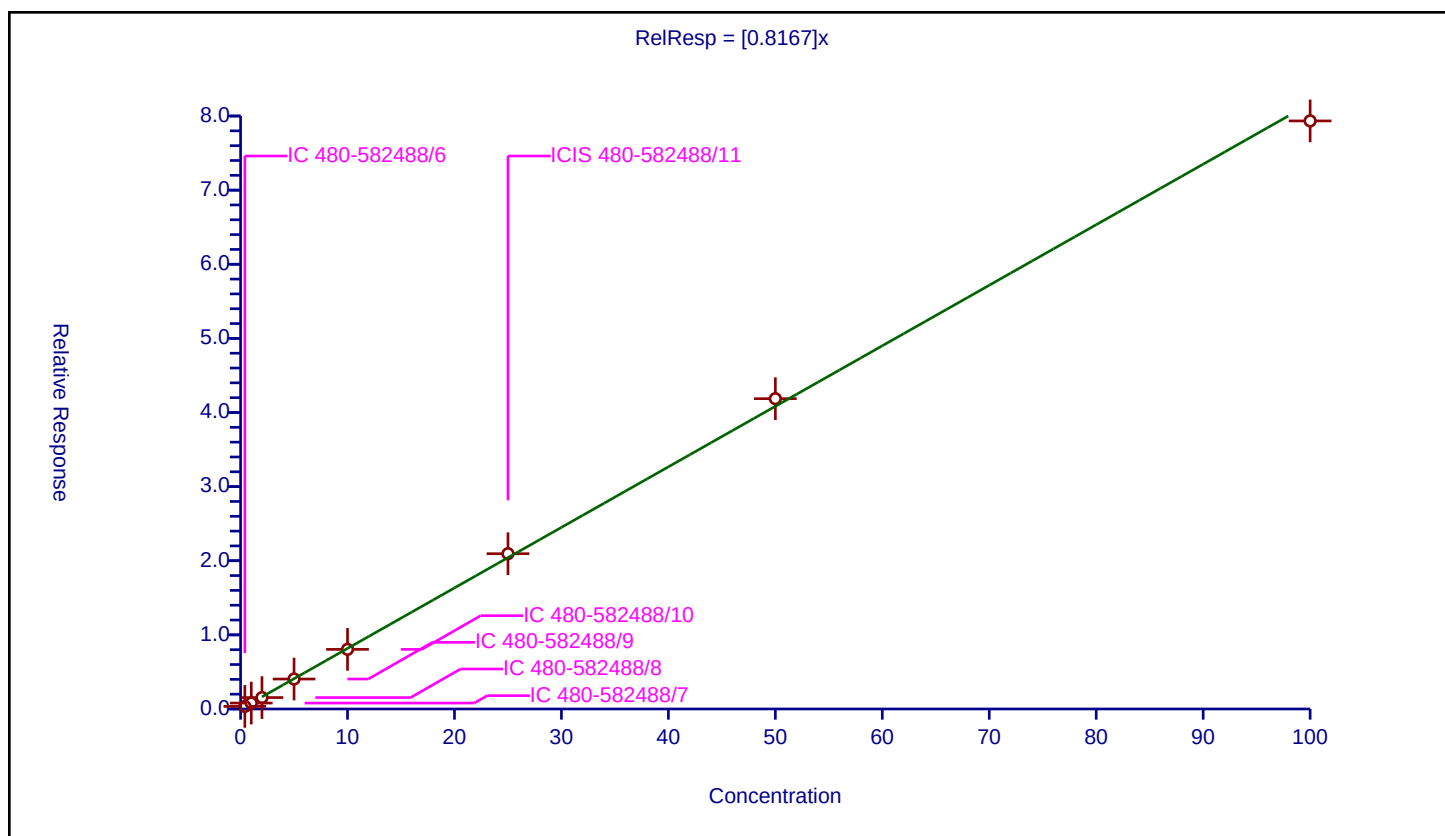
Curve Coefficients

Intercept: 0
 Slope: 0.8167

Error Coefficients

Standard Error: 491000
 Relative Standard Error: 4.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.351987	25.0	343905.0	0.879967	Y
2	IC 480-582488/7	1.0	0.80178	25.0	344889.0	0.80178	Y
3	IC 480-582488/8	2.0	1.540246	25.0	349587.0	0.770123	Y
4	IC 480-582488/9	5.0	4.043265	25.0	347646.0	0.808653	Y
5	IC 480-582488/10	10.0	8.041567	25.0	343254.0	0.804157	Y
6	ICIS 480-582488/11	25.0	20.951258	25.0	342946.0	0.83805	Y
7	IC 480-582488/12	50.0	41.865775	25.0	346545.0	0.837316	Y
8	IC 480-582488/13	100.0	79.337069	25.0	352940.0	0.793371	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

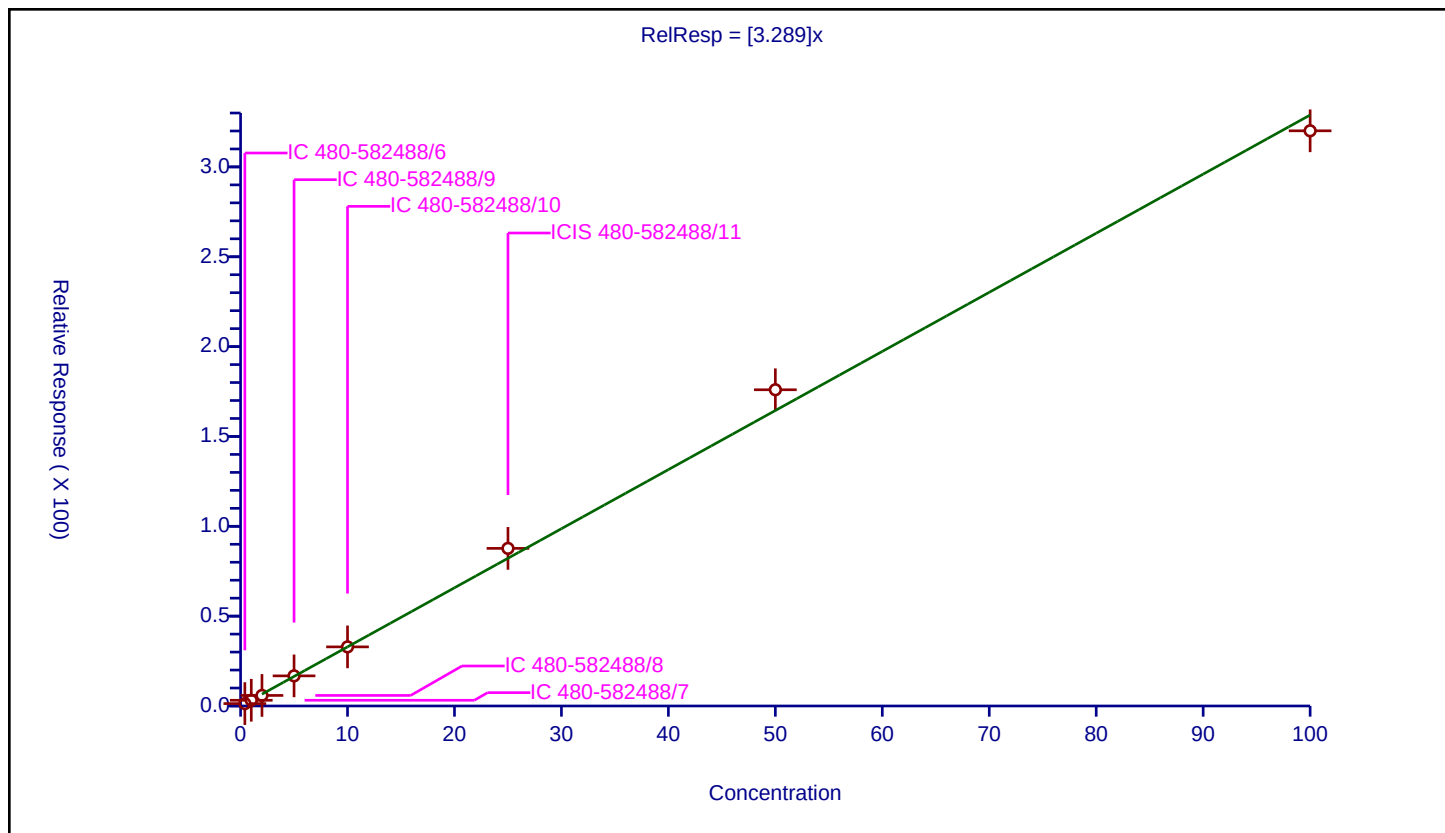
Curve Coefficients

Intercept: 0
Slope: 3.289

Error Coefficients

Standard Error: 2000000
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	IC 480-582488/6	0.4	1.329655	25.0	343905.0	3.324137	Y
2	IC 480-582488/7	1.0	3.176892	25.0	344889.0	3.176892	Y
3	IC 480-582488/8	2.0	5.874575	25.0	349587.0	2.937287	Y
4	IC 480-582488/9	5.0	16.761807	25.0	347646.0	3.352361	Y
5	IC 480-582488/10	10.0	32.895684	25.0	343254.0	3.289568	Y
6	ICIS 480-582488/11	25.0	87.717454	25.0	342946.0	3.508698	Y
7	IC 480-582488/12	50.0	175.987967	25.0	346545.0	3.519759	Y
8	IC 480-582488/13	100.0	320.101434	25.0	352940.0	3.201014	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

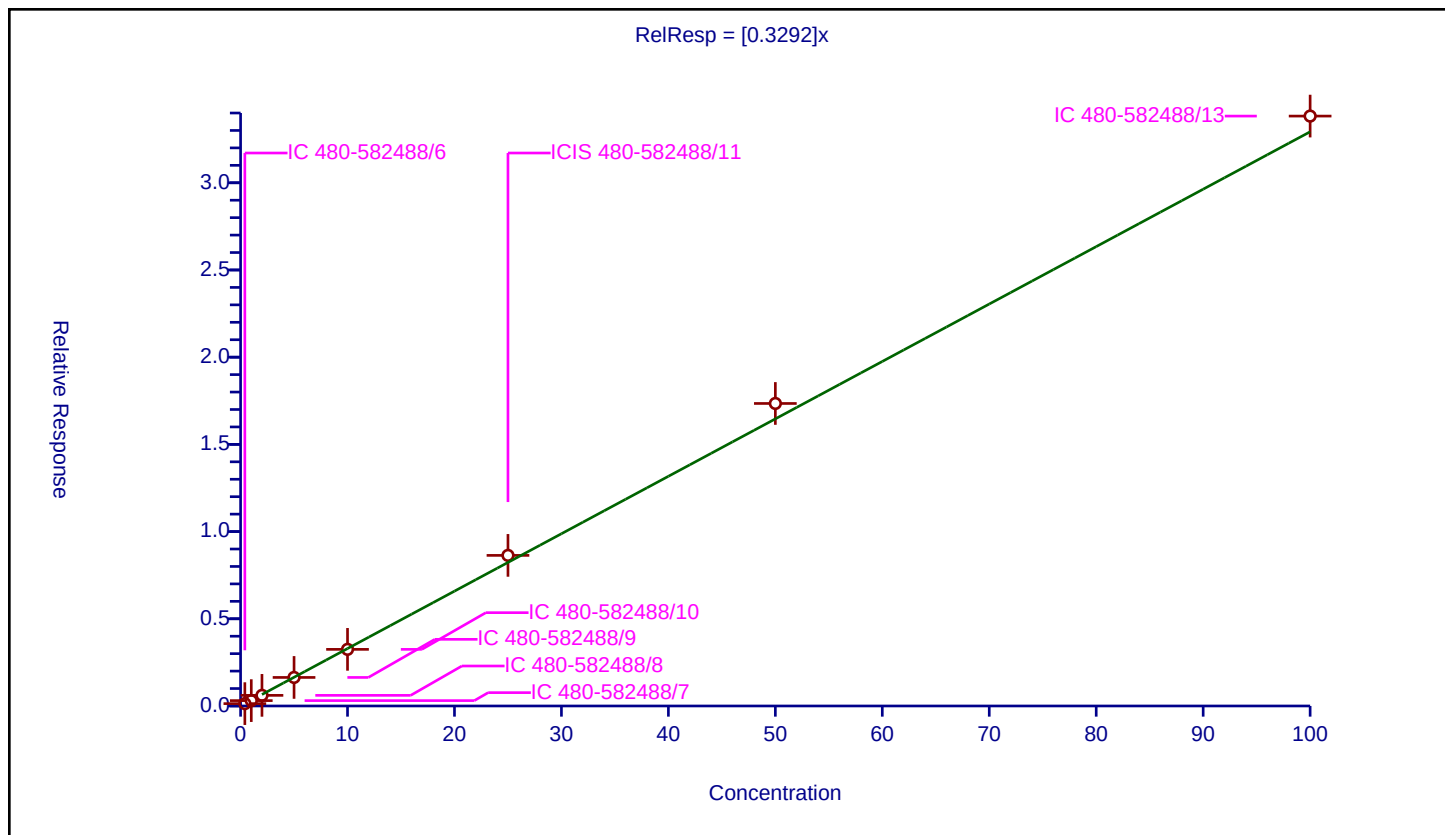
Curve Coefficients

Intercept: 0
 Slope: 0.3292

Error Coefficients

Standard Error: 208000
 Relative Standard Error: 4.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.135284	25.0	343905.0	0.338211	Y
2	IC 480-582488/7	1.0	0.308723	25.0	344889.0	0.308723	Y
3	IC 480-582488/8	2.0	0.608933	25.0	349587.0	0.304466	Y
4	IC 480-582488/9	5.0	1.636794	25.0	347646.0	0.327359	Y
5	IC 480-582488/10	10.0	3.246211	25.0	343254.0	0.324621	Y
6	ICIS 480-582488/11	25.0	8.634741	25.0	342946.0	0.34539	Y
7	IC 480-582488/12	50.0	17.346232	25.0	346545.0	0.346925	Y
8	IC 480-582488/13	100.0	33.824304	25.0	352940.0	0.338243	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

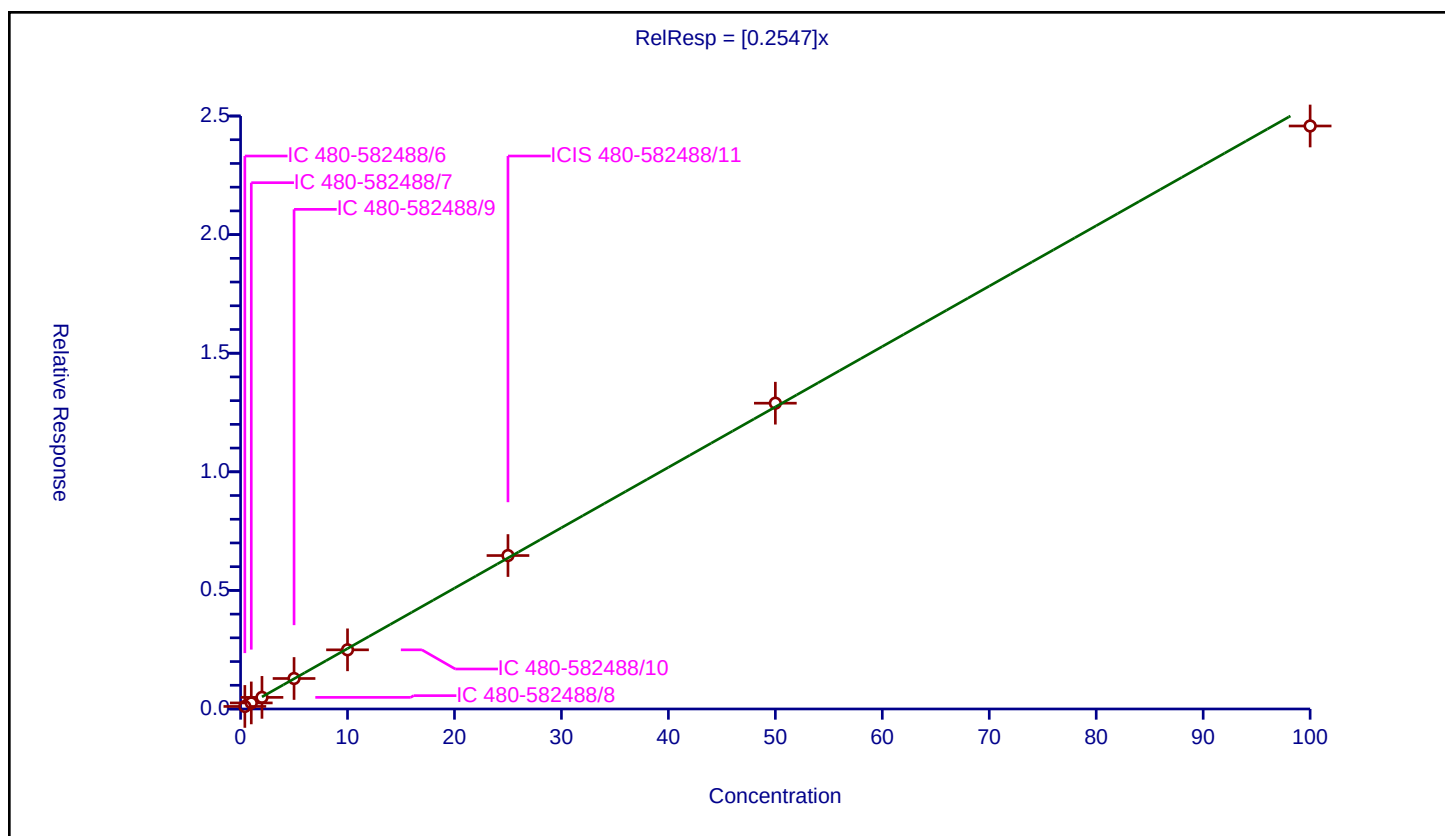
Curve Coefficients

Intercept: 0
 Slope: 0.2547

Error Coefficients

Standard Error: 152000
 Relative Standard Error: 3.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.10737	25.0	343905.0	0.268424	Y
2	IC 480-582488/7	1.0	0.255589	25.0	344889.0	0.255589	Y
3	IC 480-582488/8	2.0	0.489292	25.0	349587.0	0.244646	Y
4	IC 480-582488/9	5.0	1.285072	25.0	347646.0	0.257014	Y
5	IC 480-582488/10	10.0	2.494217	25.0	343254.0	0.249422	Y
6	ICIS 480-582488/11	25.0	6.469459	25.0	342946.0	0.258778	Y
7	IC 480-582488/12	50.0	12.892337	25.0	346545.0	0.257847	Y
8	IC 480-582488/13	100.0	24.579886	25.0	352940.0	0.245799	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

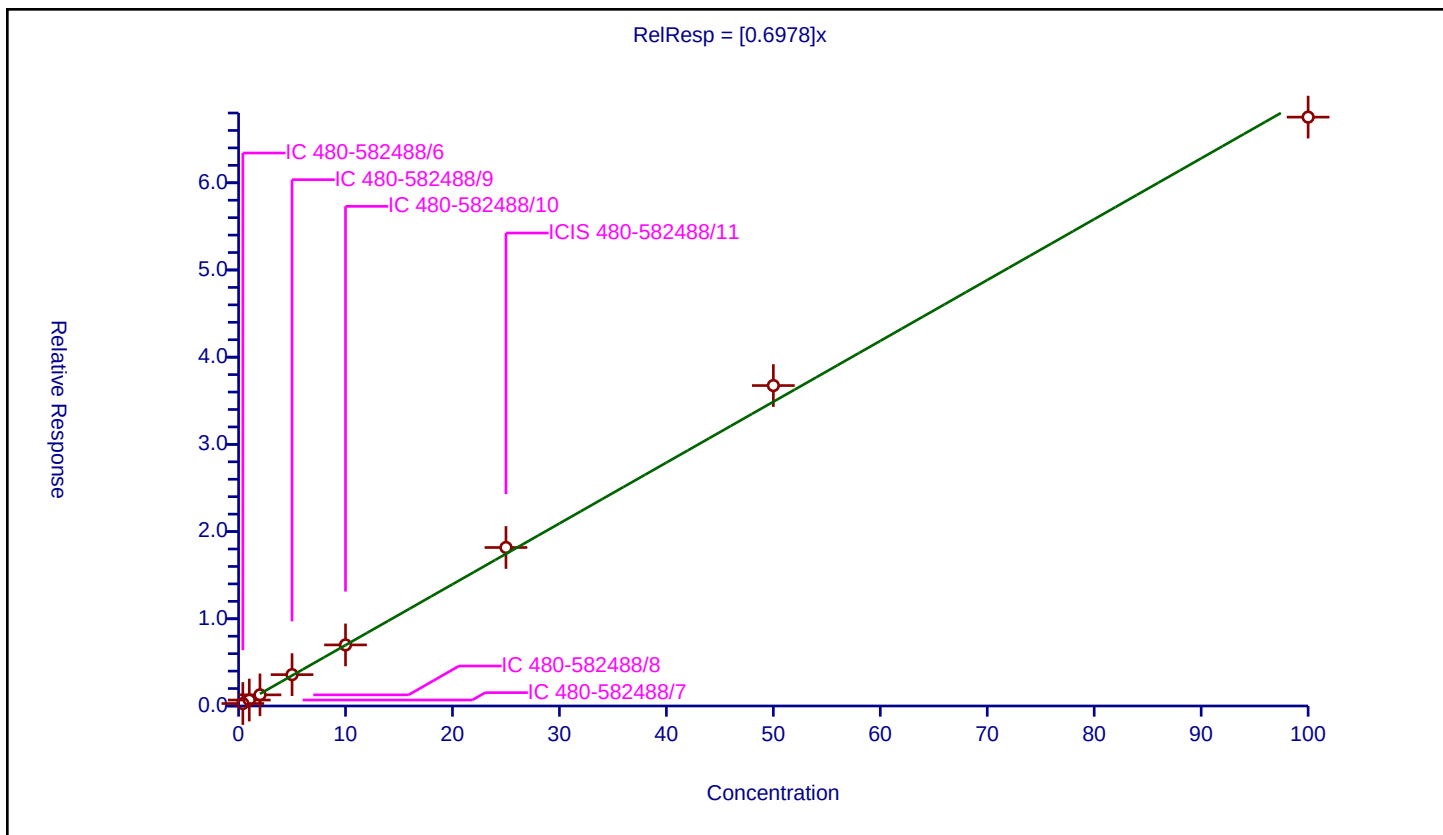
Curve Coefficients

Intercept: 0
 Slope: 0.6978

Error Coefficients

Standard Error: 421000
 Relative Standard Error: 4.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.281837	25.0	343905.0	0.704591	Y
2	IC 480-582488/7	1.0	0.682321	25.0	344889.0	0.682321	Y
3	IC 480-582488/8	2.0	1.27808	25.0	349587.0	0.63904	Y
4	IC 480-582488/9	5.0	3.593239	25.0	347646.0	0.718648	Y
5	IC 480-582488/10	10.0	7.003851	25.0	343254.0	0.700385	Y
6	ICIS 480-582488/11	25.0	18.176768	25.0	342946.0	0.727071	Y
7	IC 480-582488/12	50.0	36.746599	25.0	346545.0	0.734932	Y
8	IC 480-582488/13	100.0	67.530458	25.0	352940.0	0.675305	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

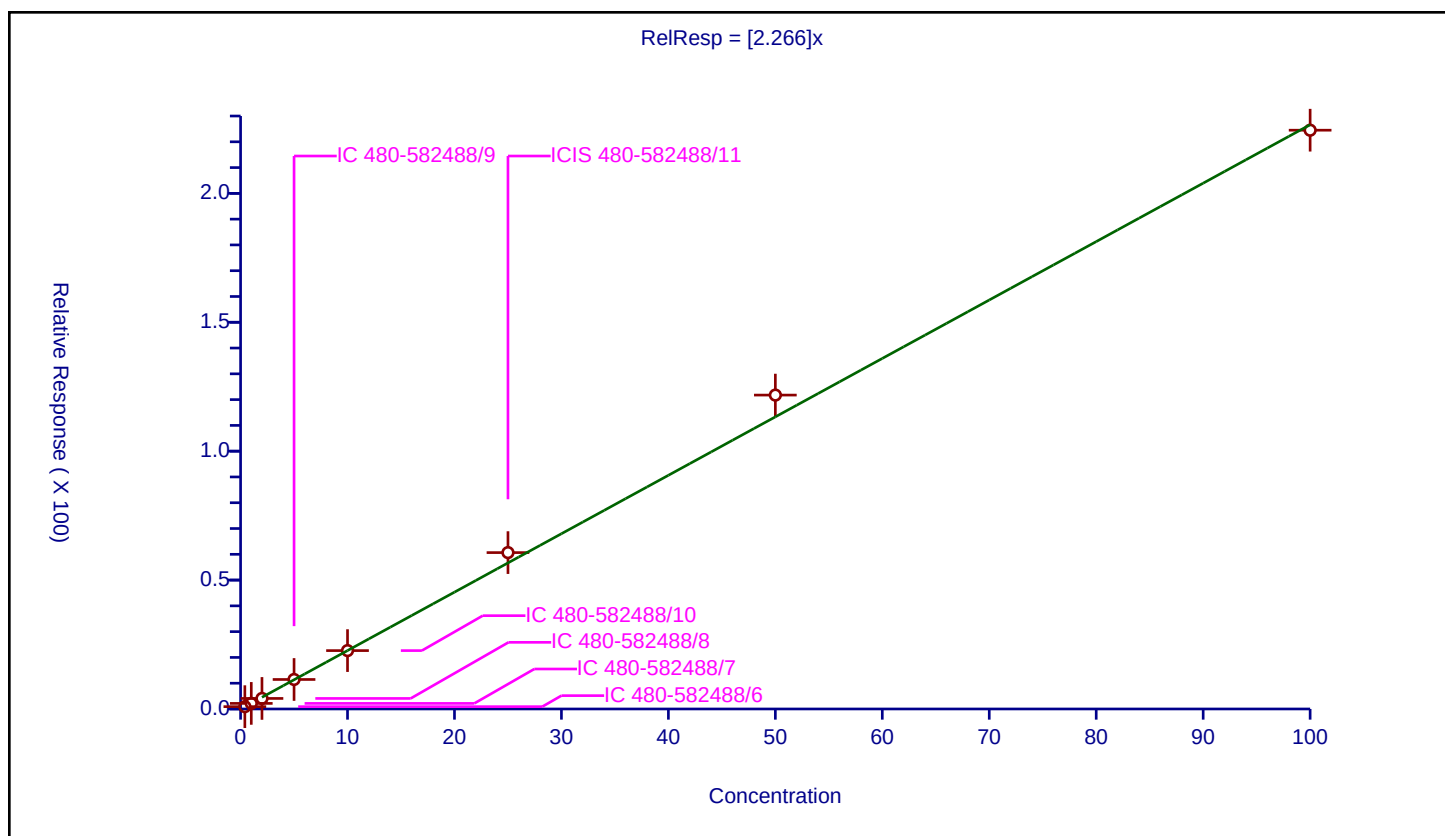
Curve Coefficients

Intercept: 0
 Slope: 2.266

Error Coefficients

Standard Error: 1400000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.903374	25.0	343905.0	2.258436	Y
2	IC 480-582488/7	1.0	2.166712	25.0	344889.0	2.166712	Y
3	IC 480-582488/8	2.0	4.086536	25.0	349587.0	2.043268	Y
4	IC 480-582488/9	5.0	11.443394	25.0	347646.0	2.288679	Y
5	IC 480-582488/10	10.0	22.650574	25.0	343254.0	2.265057	Y
6	ICIS 480-582488/11	25.0	60.660789	25.0	342946.0	2.426432	Y
7	IC 480-582488/12	50.0	121.760522	25.0	346545.0	2.43521	Y
8	IC 480-582488/13	100.0	224.495807	25.0	352940.0	2.244958	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

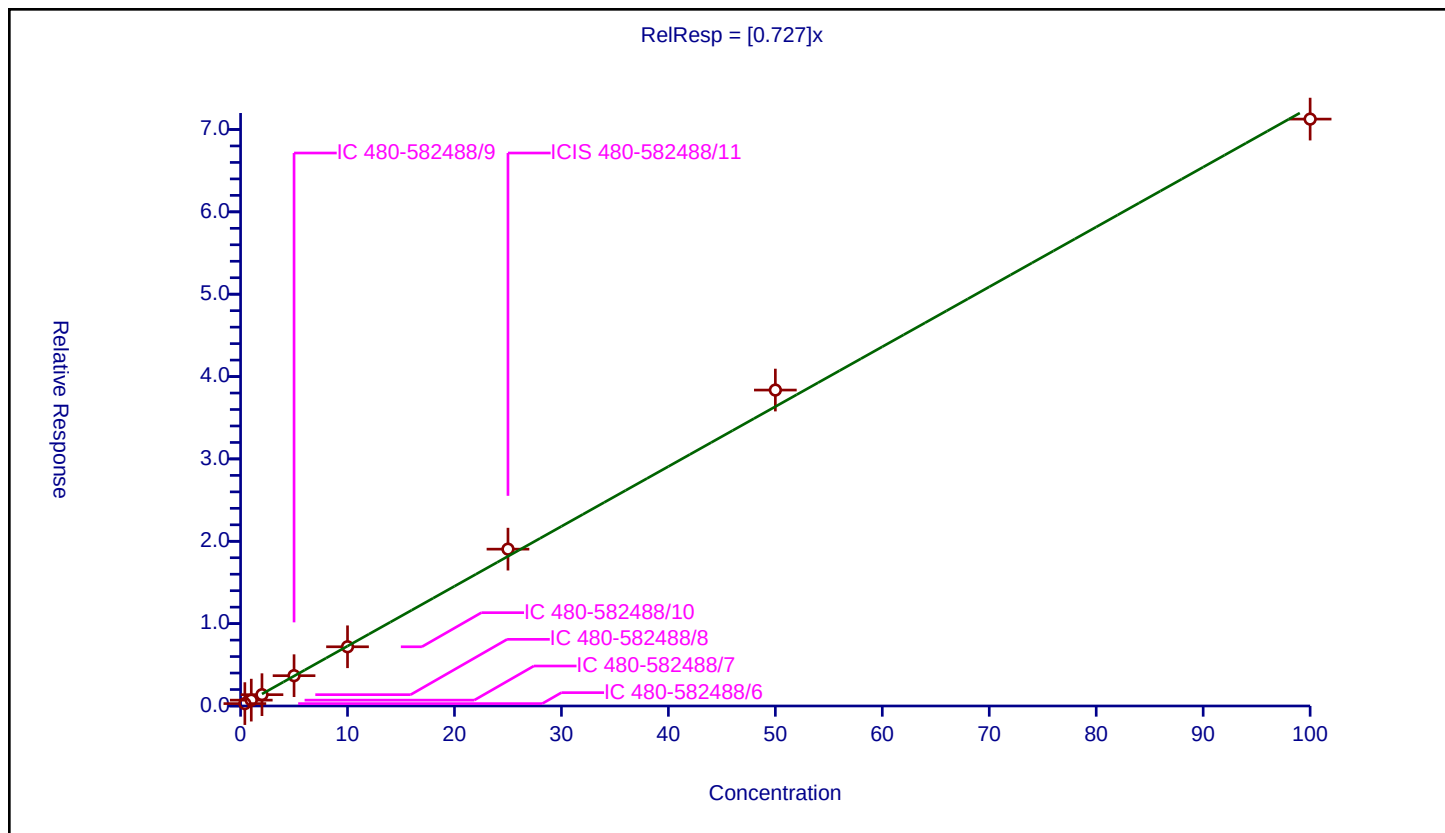
Curve Coefficients

Intercept: 0
 Slope: 0.727

Error Coefficients

Standard Error: 443000
 Relative Standard Error: 3.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.288452	25.0	343905.0	0.721129	Y
2	IC 480-582488/7	1.0	0.710736	25.0	344889.0	0.710736	Y
3	IC 480-582488/8	2.0	1.375695	25.0	349587.0	0.687847	Y
4	IC 480-582488/9	5.0	3.67903	25.0	347646.0	0.735806	Y
5	IC 480-582488/10	10.0	7.189428	25.0	343254.0	0.718943	Y
6	ICIS 480-582488/11	25.0	19.044471	25.0	342946.0	0.761779	Y
7	IC 480-582488/12	50.0	38.360963	25.0	346545.0	0.767219	Y
8	IC 480-582488/13	100.0	71.260271	25.0	352940.0	0.712603	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

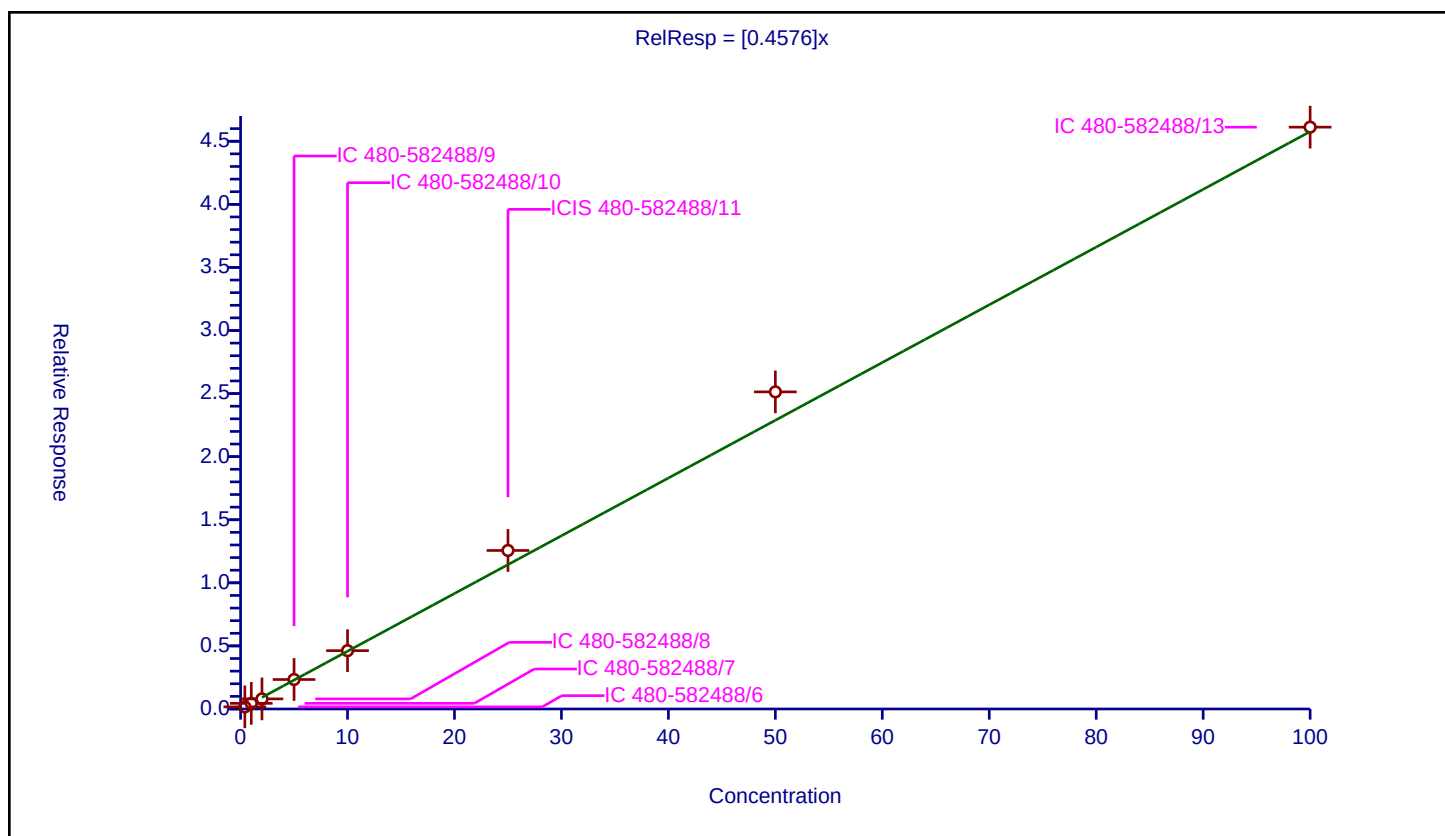
Curve Coefficients

Intercept: 0
Slope: 0.4576

Error Coefficients

Standard Error: 288000
Relative Standard Error: 7.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.167125	25.0	343905.0	0.417812	Y
2	IC 480-582488/7	1.0	0.446883	25.0	344889.0	0.446883	Y
3	IC 480-582488/8	2.0	0.800301	25.0	349587.0	0.400151	Y
4	IC 480-582488/9	5.0	2.337651	25.0	347646.0	0.46753	Y
5	IC 480-582488/10	10.0	4.623471	25.0	343254.0	0.462347	Y
6	ICIS 480-582488/11	25.0	12.565462	25.0	342946.0	0.502618	Y
7	IC 480-582488/12	50.0	25.133677	25.0	346545.0	0.502674	Y
8	IC 480-582488/13	100.0	46.11662	25.0	352940.0	0.461166	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

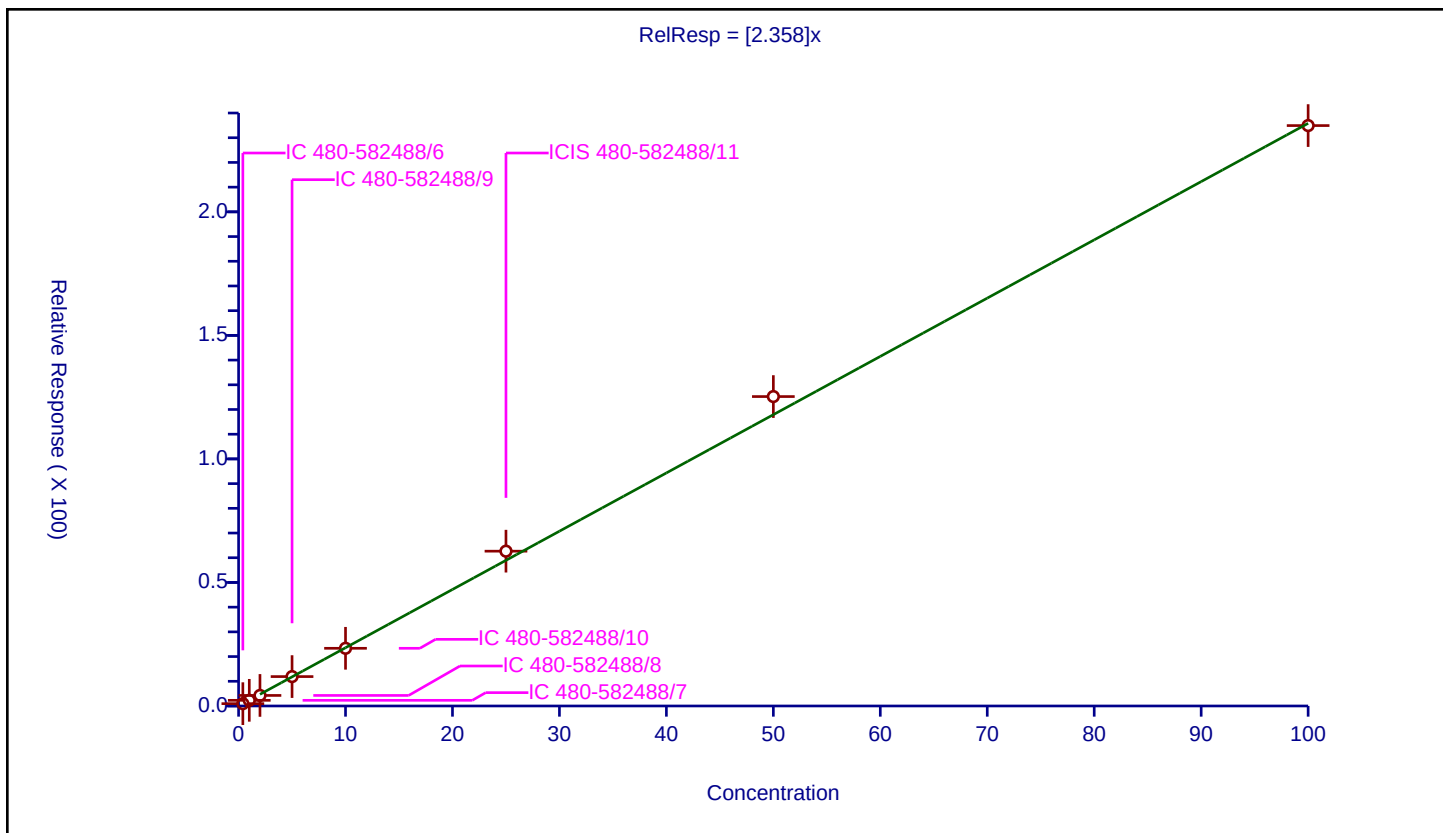
Curve Coefficients

Intercept: 0
 Slope: 2.358

Error Coefficients

Standard Error: 1460000
 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	IC 480-582488/6	0.4	0.945901	25.0	343905.0	2.364752	Y
2	IC 480-582488/7	1.0	2.290665	25.0	344889.0	2.290665	Y
3	IC 480-582488/8	2.0	4.272327	25.0	349587.0	2.136164	Y
4	IC 480-582488/9	5.0	11.894715	25.0	347646.0	2.378943	Y
5	IC 480-582488/10	10.0	23.351367	25.0	343254.0	2.335137	Y
6	ICIS 480-582488/11	25.0	62.658334	25.0	342946.0	2.506333	Y
7	IC 480-582488/12	50.0	125.241239	25.0	346545.0	2.504825	Y
8	IC 480-582488/13	100.0	234.912804	25.0	352940.0	2.349128	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

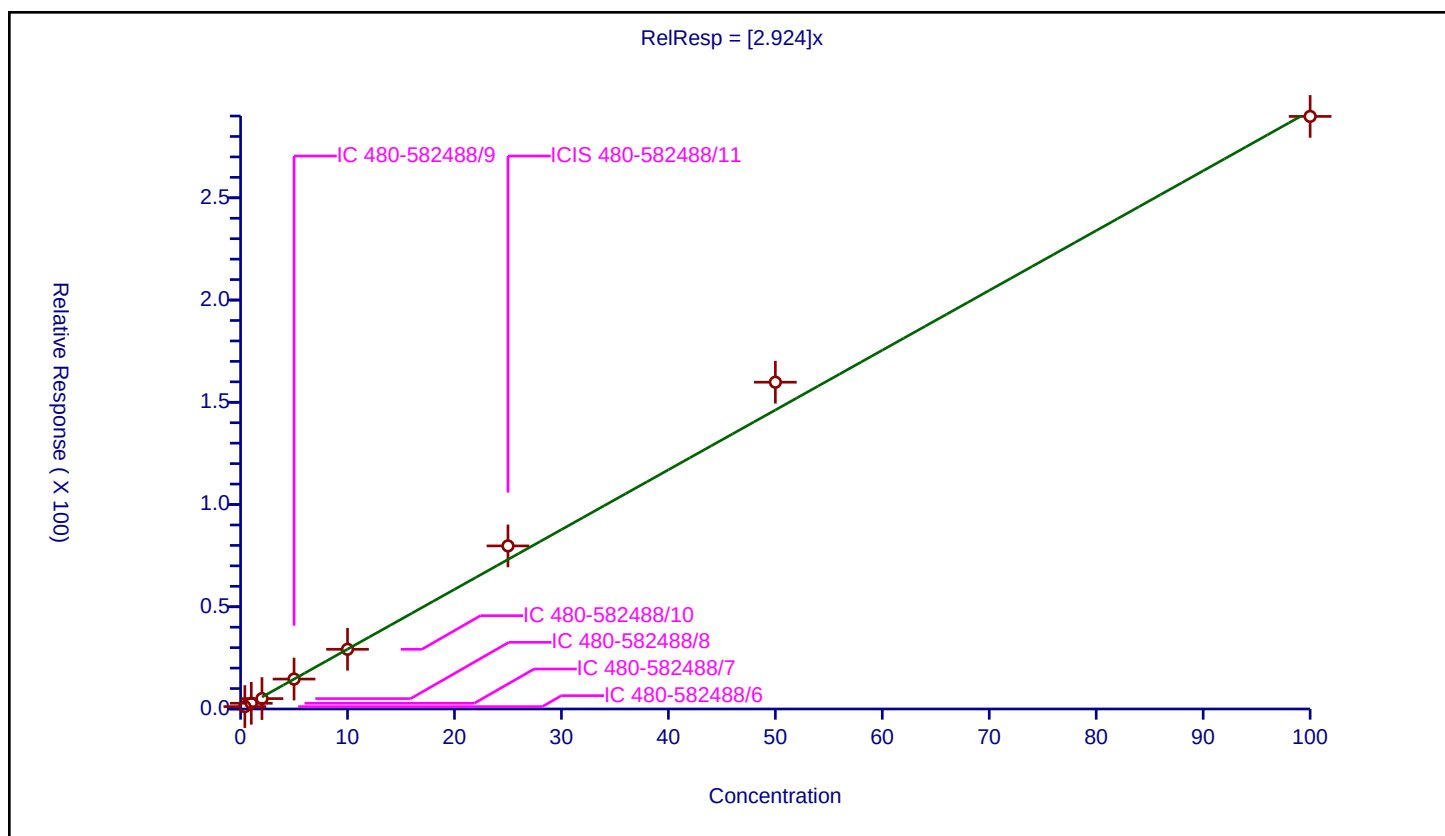
Curve Coefficients

Intercept: 0
 Slope: 2.924

Error Coefficients

Standard Error: 1810000
 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	IC 480-582488/6	0.4	1.169582	25.0	343905.0	2.923954	Y
2	IC 480-582488/7	1.0	2.796842	25.0	344889.0	2.796842	Y
3	IC 480-582488/8	2.0	5.083141	25.0	349587.0	2.54157	Y
4	IC 480-582488/9	5.0	14.641762	25.0	347646.0	2.928352	Y
5	IC 480-582488/10	10.0	29.200024	25.0	343254.0	2.920002	Y
6	ICIS 480-582488/11	25.0	79.750529	25.0	342946.0	3.190021	Y
7	IC 480-582488/12	50.0	159.813733	25.0	346545.0	3.196275	Y
8	IC 480-582488/13	100.0	289.80967	25.0	352940.0	2.898097	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

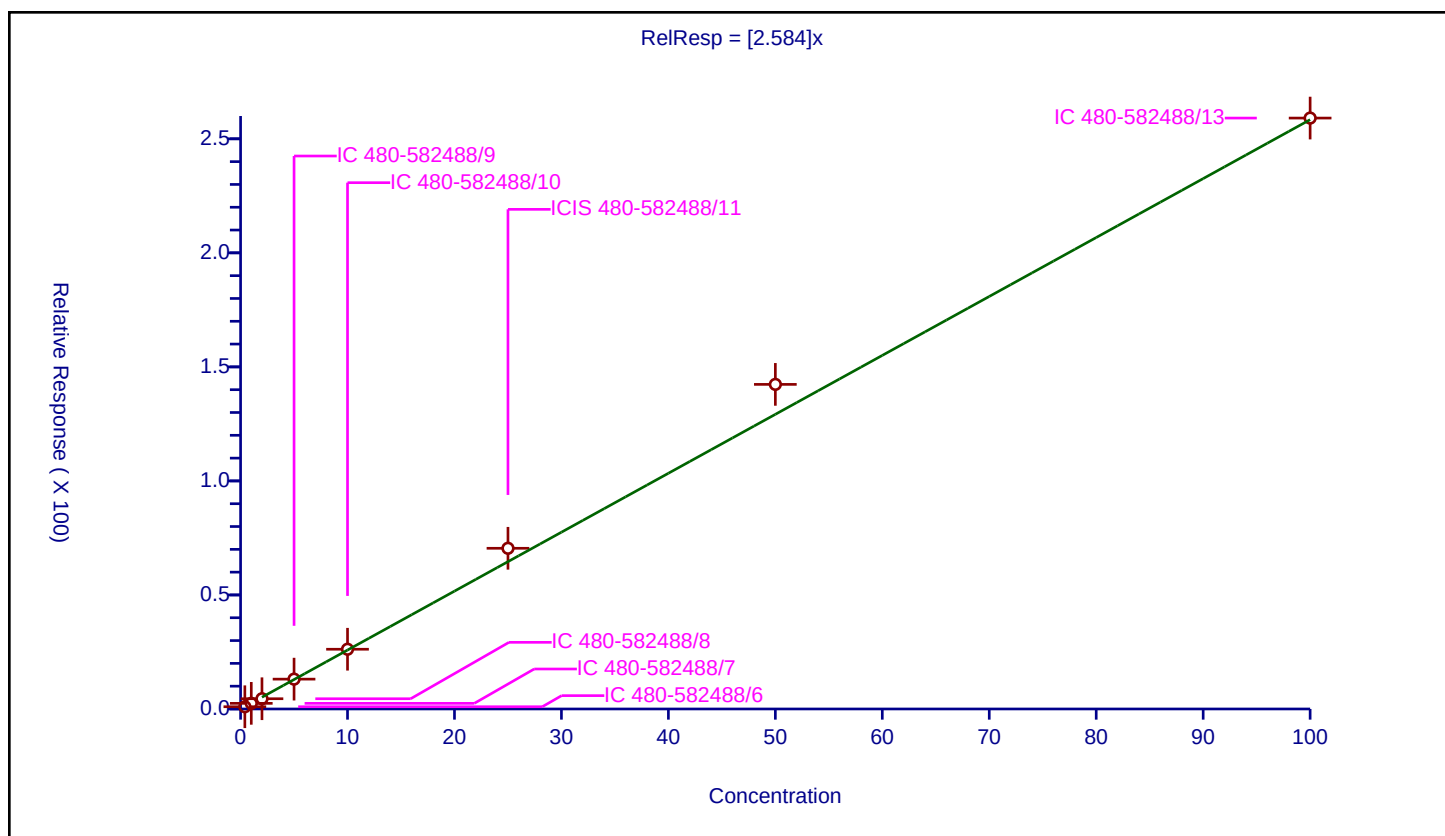
Curve Coefficients

Intercept: 0
 Slope: 2.584

Error Coefficients

Standard Error: 1620000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.982539	25.0	343905.0	2.456347	Y
2	IC 480-582488/7	1.0	2.475144	25.0	344889.0	2.475144	Y
3	IC 480-582488/8	2.0	4.494804	25.0	349587.0	2.247402	Y
4	IC 480-582488/9	5.0	13.086444	25.0	347646.0	2.617289	Y
5	IC 480-582488/10	10.0	26.195762	25.0	343254.0	2.619576	Y
6	ICIS 480-582488/11	25.0	70.467872	25.0	342946.0	2.818715	Y
7	IC 480-582488/12	50.0	142.326754	25.0	346545.0	2.846535	Y
8	IC 480-582488/13	100.0	259.101901	25.0	352940.0	2.591019	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

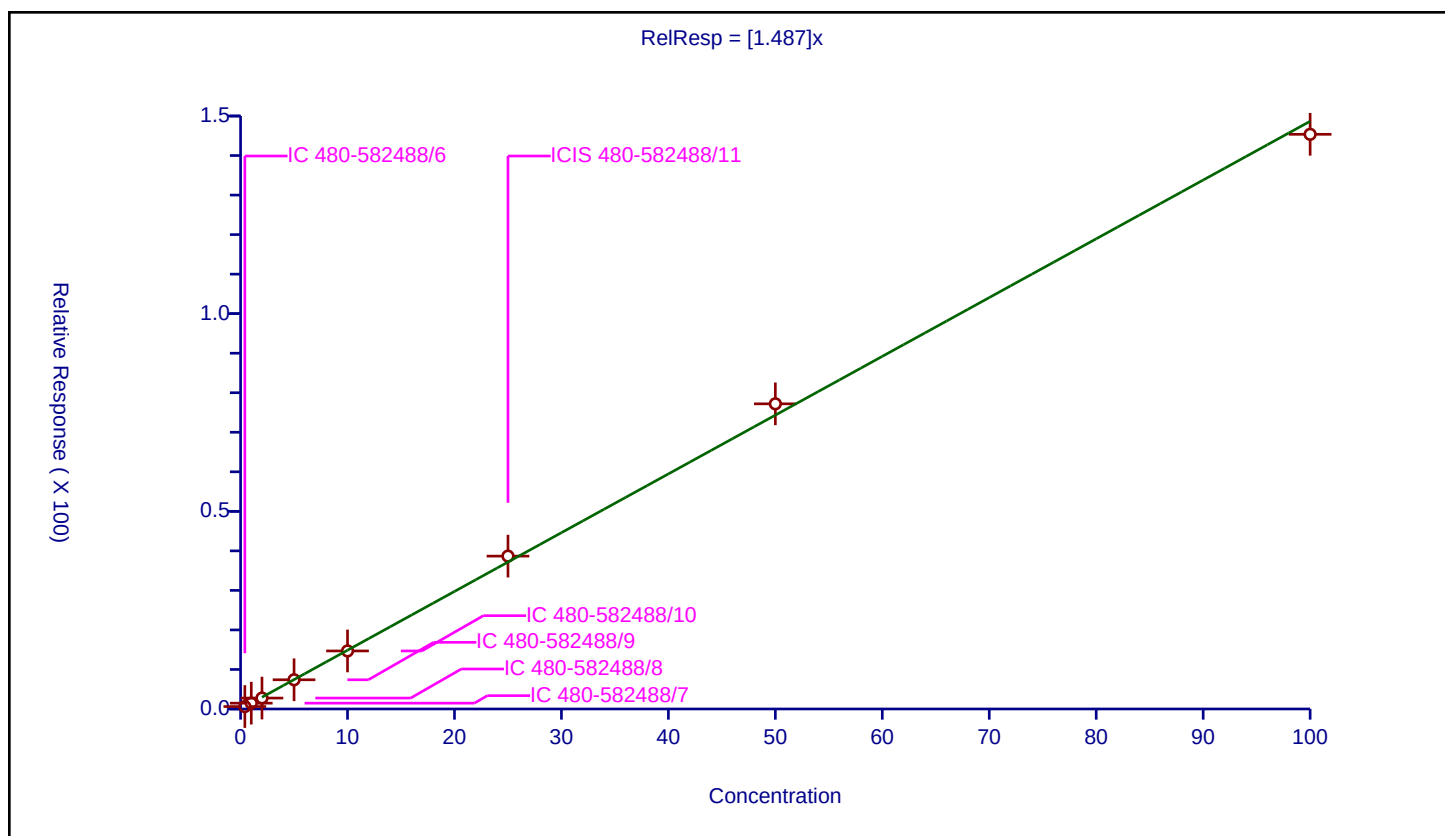
Curve Coefficients

Intercept: 0
 Slope: 1.487

Error Coefficients

Standard Error: 902000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.617031	25.0	343905.0	1.542577	Y
2	IC 480-582488/7	1.0	1.476997	25.0	344889.0	1.476997	Y
3	IC 480-582488/8	2.0	2.765191	25.0	349587.0	1.382596	Y
4	IC 480-582488/9	5.0	7.393081	25.0	347646.0	1.478616	Y
5	IC 480-582488/10	10.0	14.683004	25.0	343254.0	1.4683	Y
6	ICIS 480-582488/11	25.0	38.667677	25.0	342946.0	1.546707	Y
7	IC 480-582488/12	50.0	77.196179	25.0	346545.0	1.543924	Y
8	IC 480-582488/13	100.0	145.374285	25.0	352940.0	1.453743	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

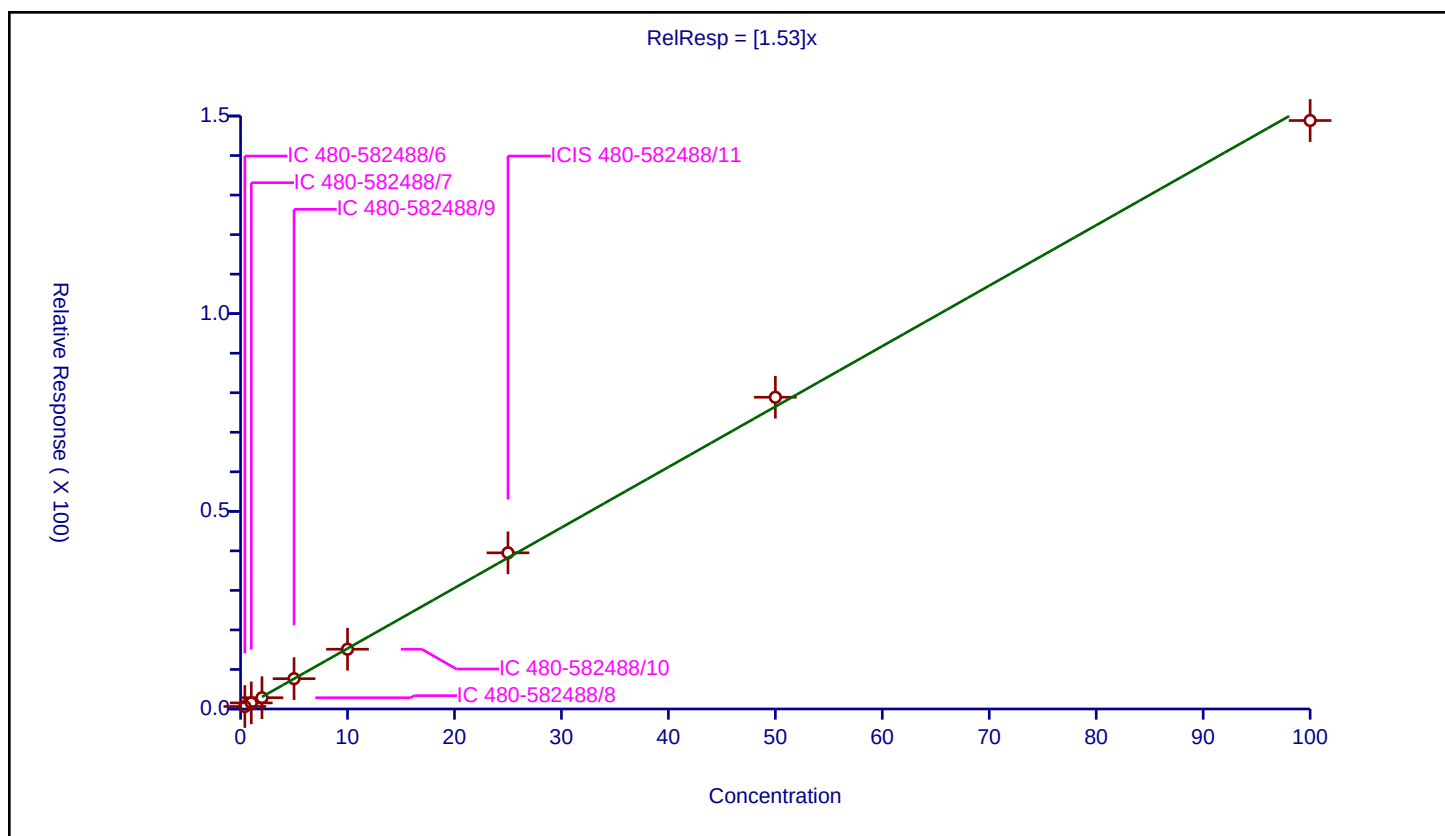
Curve Coefficients

Intercept: 0
 Slope: 1.53

Error Coefficients

Standard Error: 923000
 Relative Standard Error: 3.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.633169	25.0	343905.0	1.582923	Y
2	IC 480-582488/7	1.0	1.540496	25.0	344889.0	1.540496	Y
3	IC 480-582488/8	2.0	2.847002	25.0	349587.0	1.423501	Y
4	IC 480-582488/9	5.0	7.666635	25.0	347646.0	1.533327	Y
5	IC 480-582488/10	10.0	15.11876	25.0	343254.0	1.511876	Y
6	ICIS 480-582488/11	25.0	39.499221	25.0	342946.0	1.579969	Y
7	IC 480-582488/12	50.0	78.857941	25.0	346545.0	1.577159	Y
8	IC 480-582488/13	100.0	148.858021	25.0	352940.0	1.48858	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

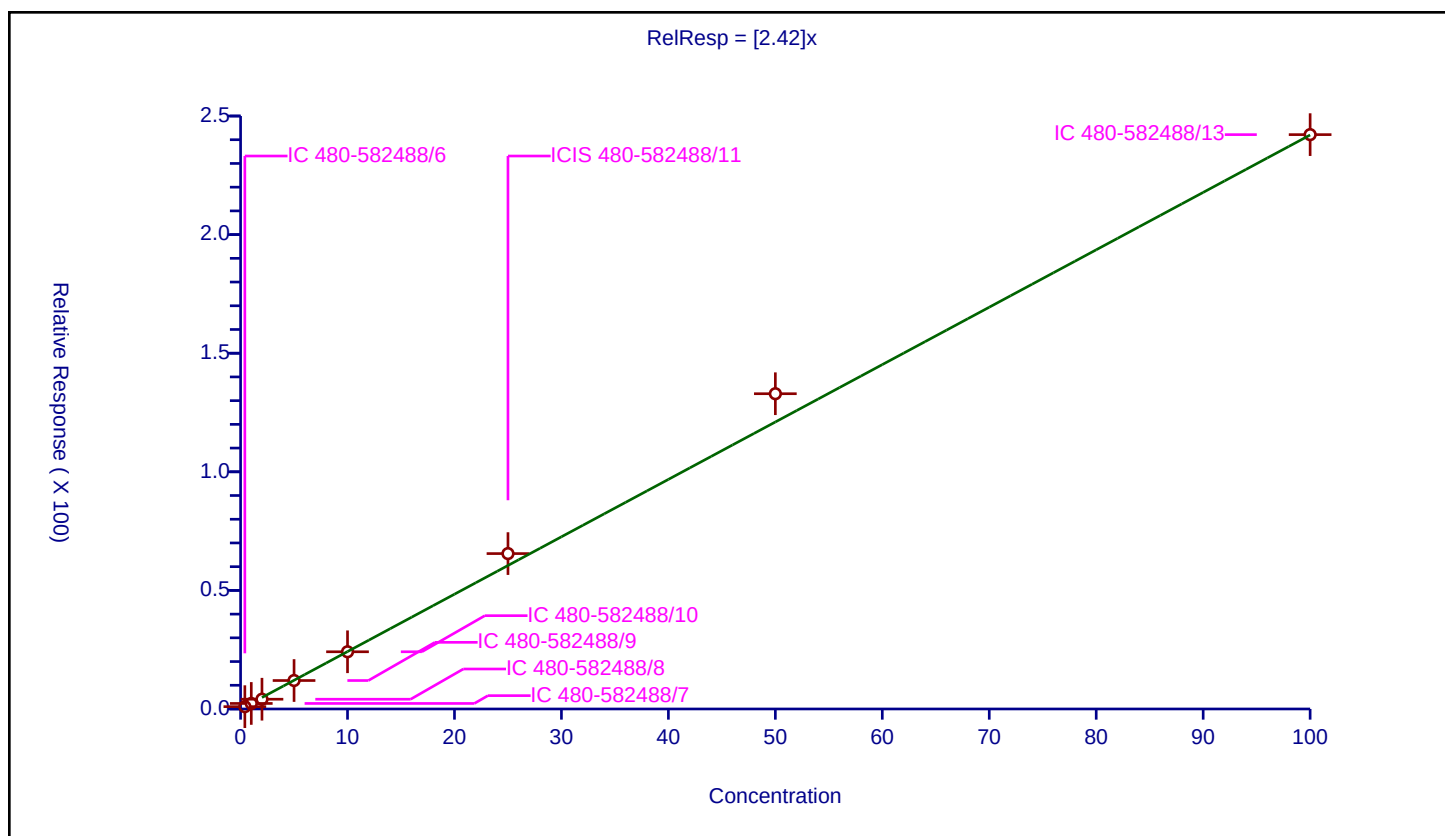
Curve Coefficients

Intercept: 0
Slope: 2.42

Error Coefficients

Standard Error: 1510000
Relative Standard Error: 7.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.980503	25.0	343905.0	2.451258	Y
2	IC 480-582488/7	1.0	2.33249	25.0	344889.0	2.33249	Y
3	IC 480-582488/8	2.0	4.123866	25.0	349587.0	2.061933	Y
4	IC 480-582488/9	5.0	12.005963	25.0	347646.0	2.401193	Y
5	IC 480-582488/10	10.0	24.119748	25.0	343254.0	2.411975	Y
6	ICIS 480-582488/11	25.0	65.514323	25.0	342946.0	2.620573	Y
7	IC 480-582488/12	50.0	132.913547	25.0	346545.0	2.658271	Y
8	IC 480-582488/13	100.0	242.151782	25.0	352940.0	2.421518	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

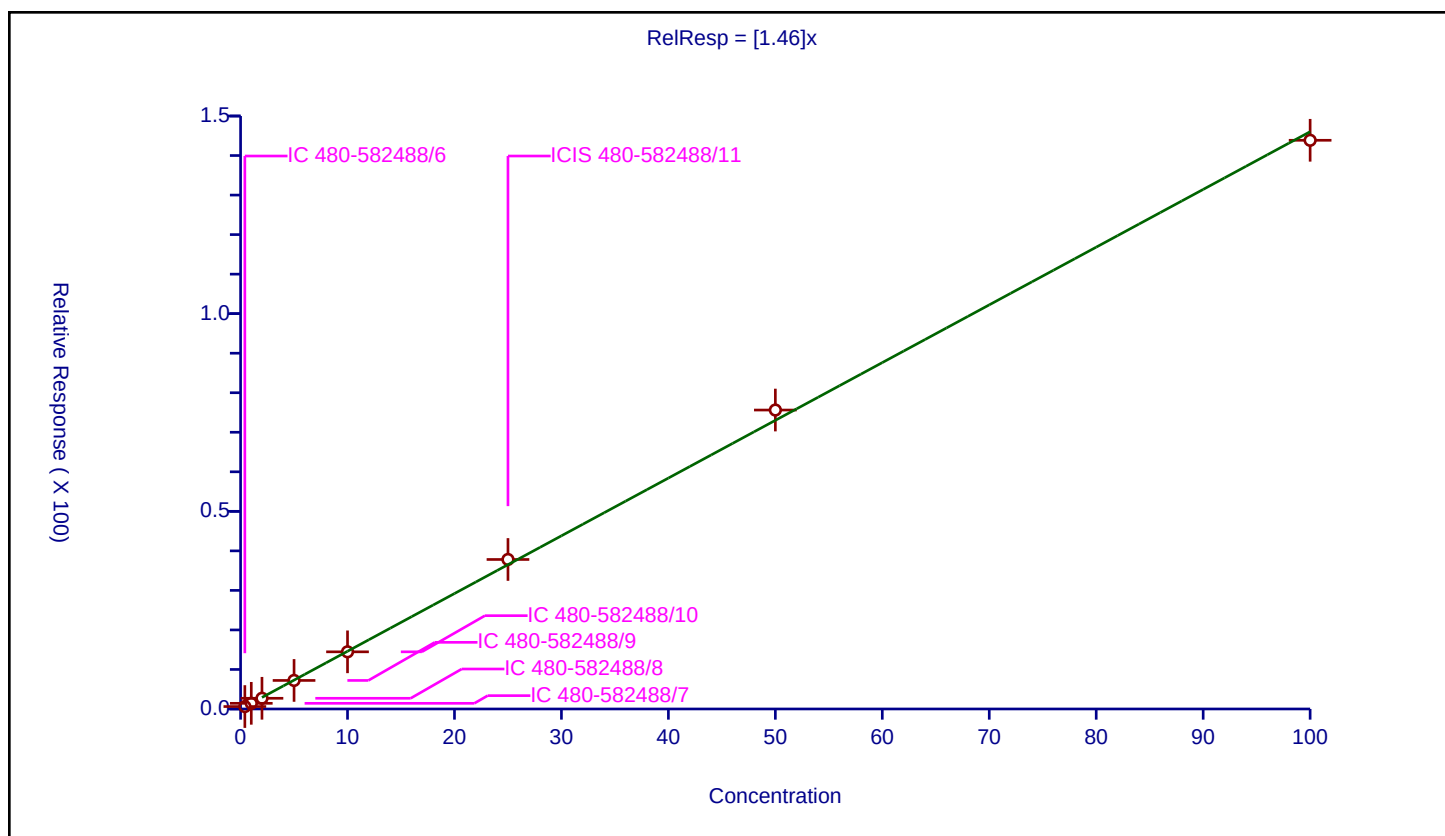
Curve Coefficients

Intercept: 0
 Slope: 1.46

Error Coefficients

Standard Error: 890000
 Relative Standard Error: 4.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.616449	25.0	343905.0	1.541123	Y
2	IC 480-582488/7	1.0	1.432997	25.0	344889.0	1.432997	Y
3	IC 480-582488/8	2.0	2.708267	25.0	349587.0	1.354134	Y
4	IC 480-582488/9	5.0	7.223871	25.0	347646.0	1.444774	Y
5	IC 480-582488/10	10.0	14.460137	25.0	343254.0	1.446014	Y
6	ICIS 480-582488/11	25.0	37.818053	25.0	342946.0	1.512722	Y
7	IC 480-582488/12	50.0	75.619112	25.0	346545.0	1.512382	Y
8	IC 480-582488/13	100.0	143.860005	25.0	352940.0	1.4386	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

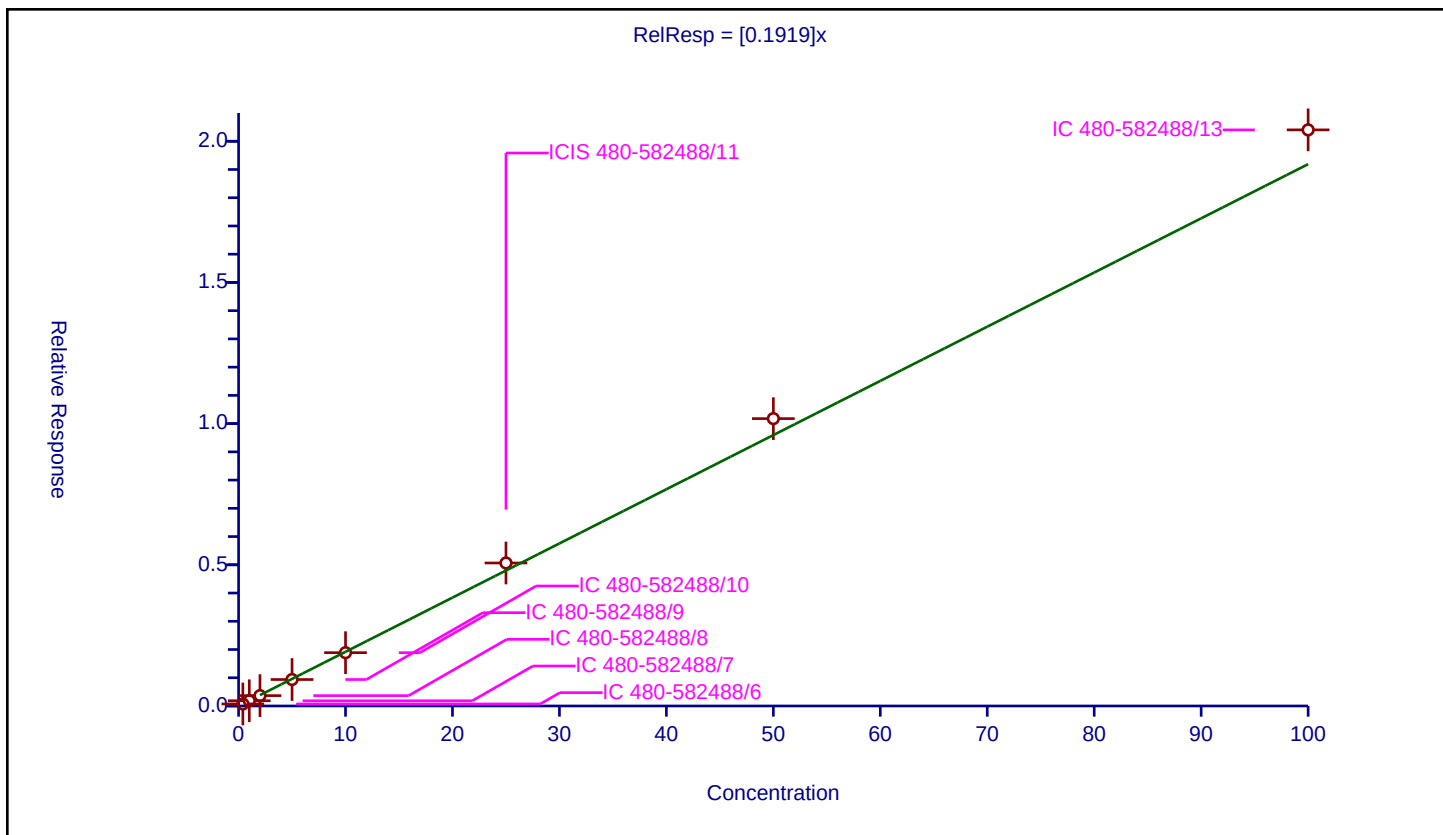
Curve Coefficients

Intercept: 0
 Slope: 0.1919

Error Coefficients

Standard Error: 125000
 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	IC 480-582488/6	0.4	0.071822	25.0	343905.0	0.179555	Y
2	IC 480-582488/7	1.0	0.185422	25.0	344889.0	0.185422	Y
3	IC 480-582488/8	2.0	0.367148	25.0	349587.0	0.183574	Y
4	IC 480-582488/9	5.0	0.93752	25.0	347646.0	0.187504	Y
5	IC 480-582488/10	10.0	1.888543	25.0	343254.0	0.188854	Y
6	ICIS 480-582488/11	25.0	5.064573	25.0	342946.0	0.202583	Y
7	IC 480-582488/12	50.0	10.177466	25.0	346545.0	0.203549	Y
8	IC 480-582488/13	100.0	20.403326	25.0	352940.0	0.204033	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

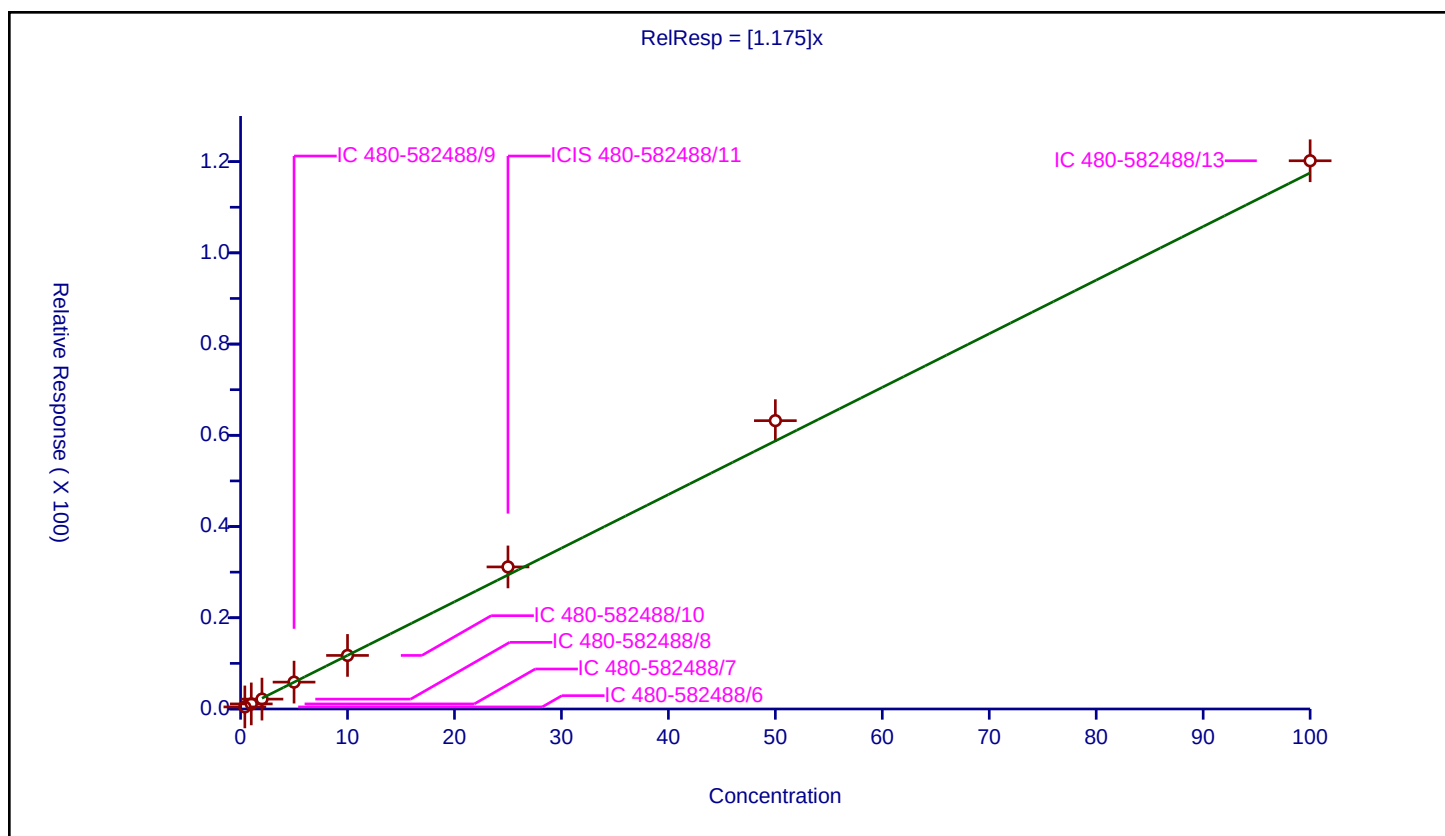
Curve Coefficients

Intercept: 0
 Slope: 1.175

Error Coefficients

Standard Error: 743000
 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	IC 480-582488/6	0.4	0.455576	25.0	343905.0	1.138941	Y
2	IC 480-582488/7	1.0	1.115069	25.0	344889.0	1.115069	Y
3	IC 480-582488/8	2.0	2.167129	25.0	349587.0	1.083564	Y
4	IC 480-582488/9	5.0	5.890187	25.0	347646.0	1.178037	Y
5	IC 480-582488/10	10.0	11.744728	25.0	343254.0	1.174473	Y
6	ICIS 480-582488/11	25.0	31.148198	25.0	342946.0	1.245928	Y
7	IC 480-582488/12	50.0	63.214445	25.0	346545.0	1.264289	Y
8	IC 480-582488/13	100.0	120.188701	25.0	352940.0	1.201887	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

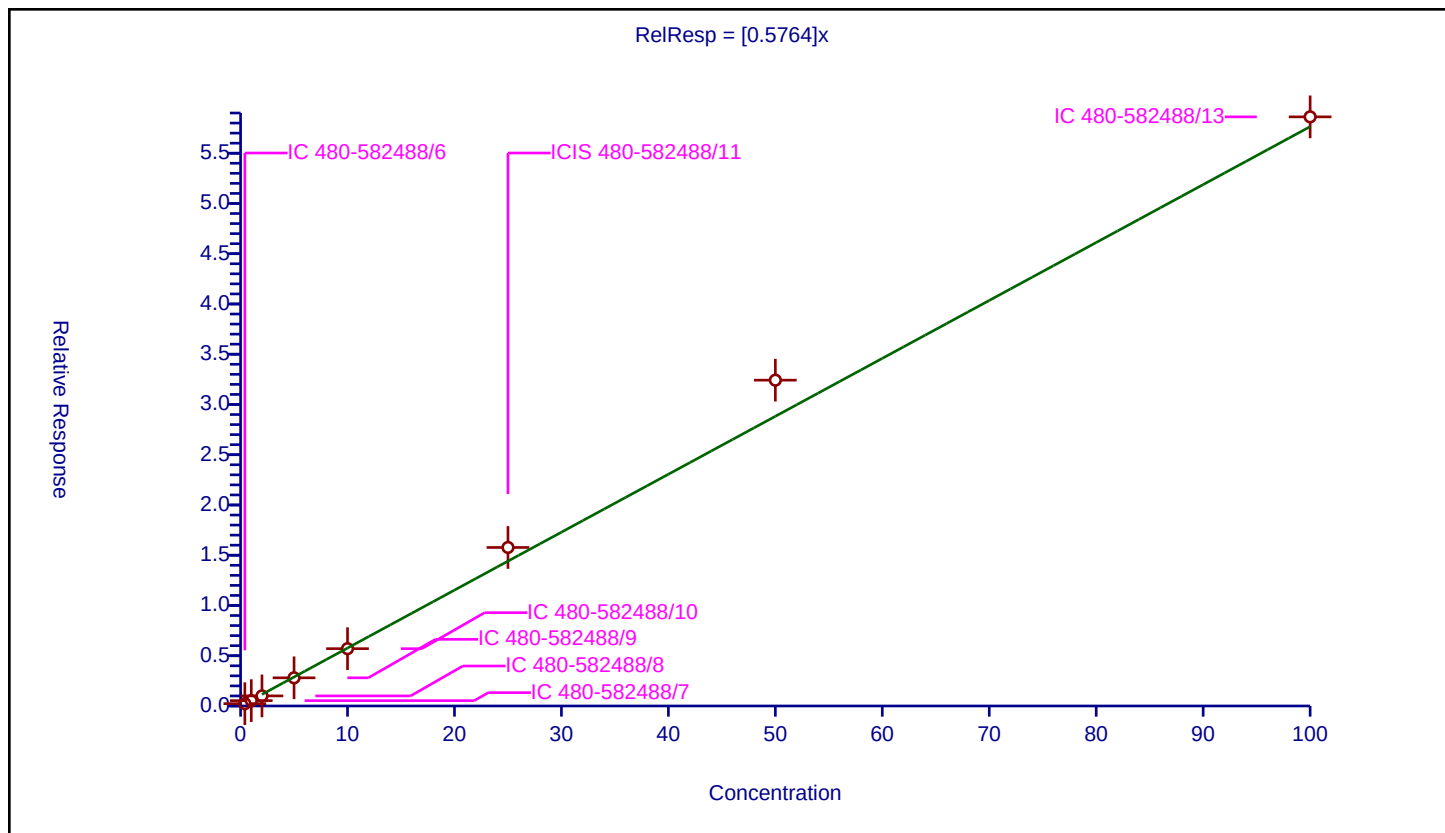
Curve Coefficients

Intercept: 0
 Slope: 0.5764

Error Coefficients

Standard Error: 367000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.232041	25.0	343905.0	0.580102	Y
2	IC 480-582488/7	1.0	0.532925	25.0	344889.0	0.532925	Y
3	IC 480-582488/8	2.0	1.003398	25.0	349587.0	0.501699	Y
4	IC 480-582488/9	5.0	2.804433	25.0	347646.0	0.560887	Y
5	IC 480-582488/10	10.0	5.703867	25.0	343254.0	0.570387	Y
6	ICIS 480-582488/11	25.0	15.772017	25.0	342946.0	0.630881	Y
7	IC 480-582488/12	50.0	32.419238	25.0	346545.0	0.648385	Y
8	IC 480-582488/13	100.0	58.617329	25.0	352940.0	0.586173	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

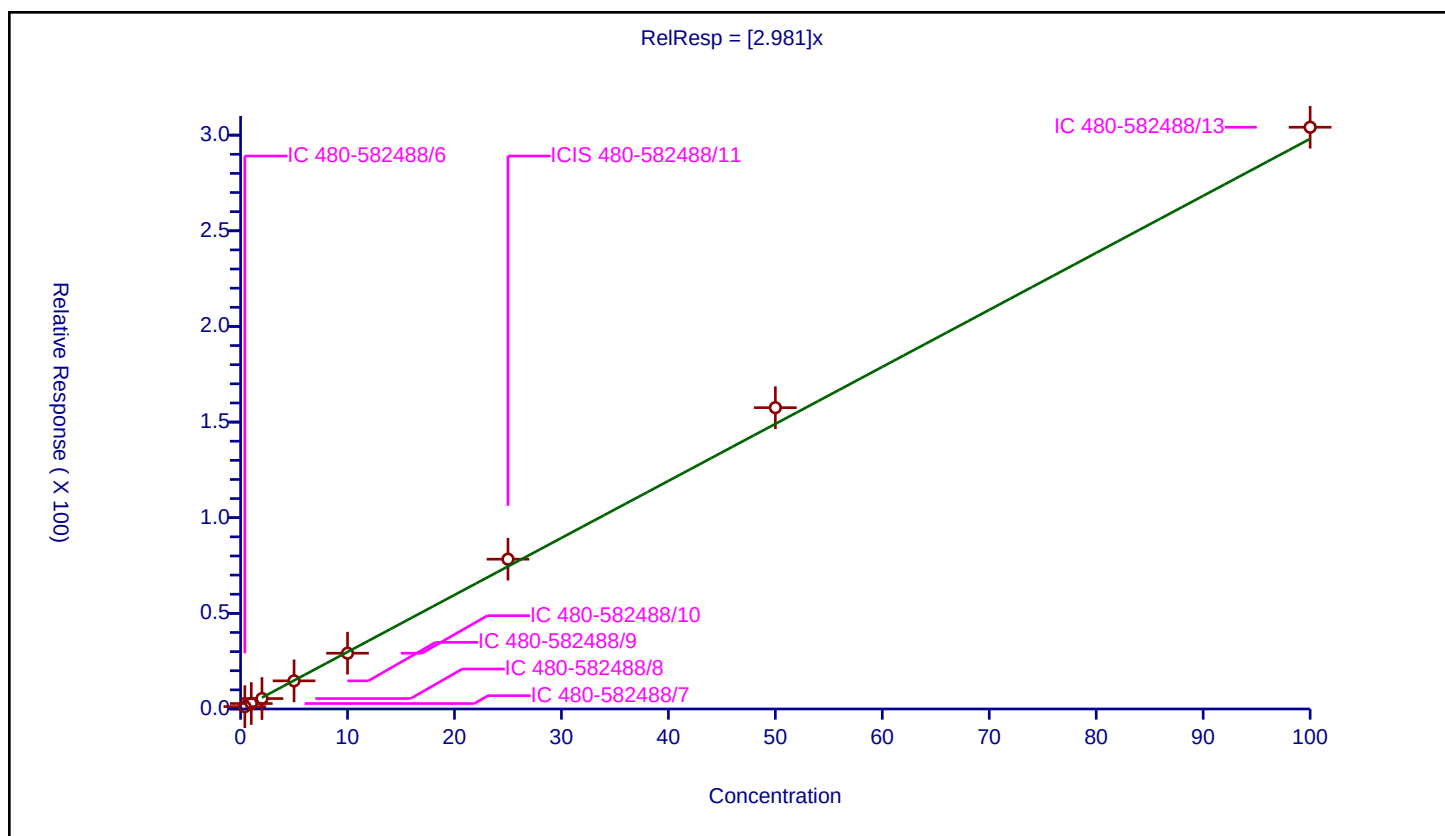
Curve Coefficients

Intercept: 0
Slope: 2.981

Error Coefficients

Standard Error: 1870000
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	IC 480-582488/6	0.4	1.234498	25.0	343905.0	3.086245	Y
2	IC 480-582488/7	1.0	2.850772	25.0	344889.0	2.850772	Y
3	IC 480-582488/8	2.0	5.452219	25.0	349587.0	2.72611	Y
4	IC 480-582488/9	5.0	14.711445	25.0	347646.0	2.942289	Y
5	IC 480-582488/10	10.0	29.162588	25.0	343254.0	2.916259	Y
6	ICIS 480-582488/11	25.0	78.316411	25.0	342946.0	3.132656	Y
7	IC 480-582488/12	50.0	157.522688	25.0	346545.0	3.150454	Y
8	IC 480-582488/13	100.0	304.13668	25.0	352940.0	3.041367	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

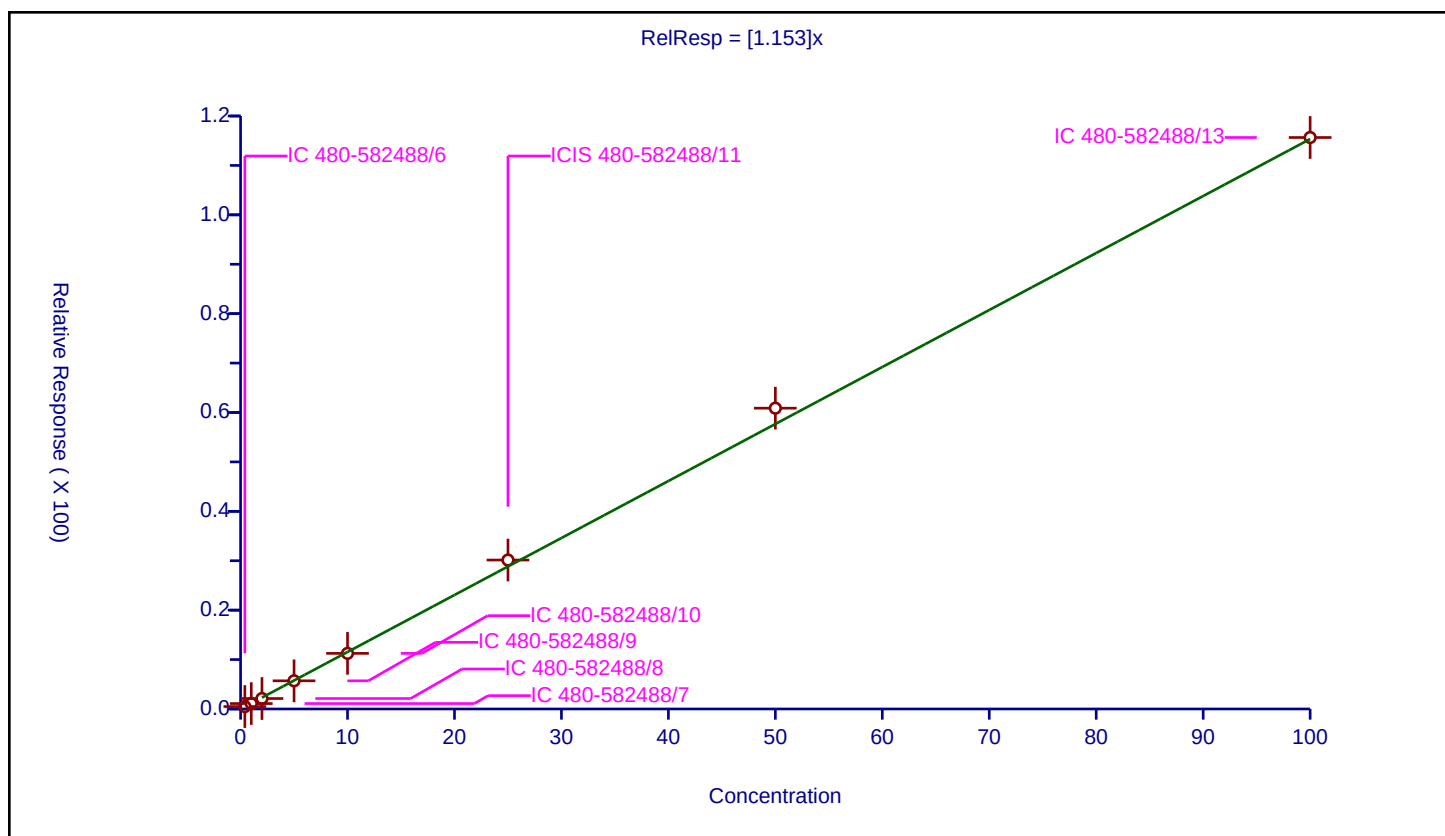
Curve Coefficients

Intercept: 0
Slope: 1.153

Error Coefficients

Standard Error: 715000
Relative Standard Error: 5.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 480-582488/6	0.4	0.489307	25.0	343905.0	1.223267	Y
2	IC 480-582488/7	1.0	1.098977	25.0	344889.0	1.098977	Y
3	IC 480-582488/8	2.0	2.118428	25.0	349587.0	1.059214	Y
4	IC 480-582488/9	5.0	5.702496	25.0	347646.0	1.140499	Y
5	IC 480-582488/10	10.0	11.257043	25.0	343254.0	1.125704	Y
6	ICIS 480-582488/11	25.0	30.142646	25.0	342946.0	1.205706	Y
7	IC 480-582488/12	50.0	60.873696	25.0	346545.0	1.217474	Y
8	IC 480-582488/13	100.0	115.648198	25.0	352940.0	1.156482	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Lab Sample ID: ICV 480-582488/29 Calibration Date: 05/25/2021 20:05

Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08

Lab File ID: D0645.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.598	0.1000	24.9	25.0	-0.4	50.0
Chloromethane	Ave	2.140	1.958	0.1000	22.9	25.0	-8.5	30.0
Vinyl chloride	Ave	1.707	1.805	0.1000	26.4	25.0	5.8	30.0
Butadiene	Ave	1.168	1.162		24.9	25.0	-0.5	30.0
Bromomethane	Ave	1.009	0.9605	0.1000	23.8	25.0	-4.8	50.0
Chloroethane	Ave	0.7827	0.8512	0.1000	27.2	25.0	8.8	50.0
Dichlorofluoromethane	Ave	2.361	2.277		24.1	25.0	-3.6	30.0
Trichlorofluoromethane	Ave	1.767	1.884	0.1000	26.7	25.0	6.6	30.0
Ethyl ether	Ave	1.132	1.177		26.0	25.0	4.0	30.0
Acrolein	Ave	0.0996	0.1019		128	125	2.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin2		1.175	0.1000	23.2	25.0	-7.4	30.0
1,1-Dichloroethene	Lin1		1.283	0.1000	27.7	25.0	10.9	30.0
Acetone	Ave	0.6109	0.5553	0.1000	114	125	-9.1	50.0
Iodomethane	Ave	1.990	2.128		26.7	25.0	7.0	30.0
Carbon disulfide	Ave	3.080	3.156	0.1000	25.6	25.0	2.5	30.0
Allyl chloride	Ave	2.135	1.879		22.0	25.0	-12.0	30.0
Methyl acetate	Ave	1.560	1.584	0.1000	50.8	50.0	1.6	50.0
Methylene Chloride	Lin1		1.420	0.1000	25.4	25.0	1.7	30.0
2-Methyl-2-propanol	Ave	0.1835	0.1834		250	250	-0.0	50.0
Methyl tert-butyl ether	Ave	2.082	2.147	0.1000	25.8	25.0	3.1	30.0
trans-1,2-Dichloroethene	Ave	1.170	1.350	0.1000	28.8	25.0	15.3	30.0
Acrylonitrile	Ave	0.7472	0.7219		242	250	-3.4	30.0
Hexane	Ave	2.103	2.173		25.8	25.0	3.3	30.0
1,1-Dichloroethane	Ave	2.595	2.641	0.2000	25.4	25.0	1.8	30.0
Vinyl acetate	Ave	4.217	3.851		45.7	50.0	-8.7	30.0
2,2-Dichloropropane	Ave	0.7721	0.6423		20.8	25.0	-16.8	30.0
cis-1,2-Dichloroethene	Ave	1.491	1.496	0.1000	25.1	25.0	0.3	30.0
2-Butanone (MEK)	Ave	1.063	1.021	0.1000	120	125	-4.0	30.0
Chlorobromomethane	Ave	0.8394	0.8646		25.7	25.0	3.0	30.0
Tetrahydrofuran	Ave	0.6908	0.6546		47.4	50.0	-5.2	30.0
Chloroform	Ave	2.558	2.547	0.2000	24.9	25.0	-0.4	30.0
1,1,1-Trichloroethane	Ave	1.605	1.784	0.1000	27.8	25.0	11.2	30.0
Cyclohexane	Ave	1.596	1.696	0.1000	26.6	25.0	6.3	30.0
Carbon tetrachloride	Ave	1.635	1.644	0.1000	25.1	25.0	0.5	30.0
1,1-Dichloropropene	Ave	1.809	1.901		26.3	25.0	5.1	30.0
Isobutyl alcohol	Ave	0.1169	0.1084		579	625	-7.3	50.0
Benzene	Ave	5.181	5.230	0.5000	25.2	25.0	1.0	30.0
1,2-Dichloroethane	Ave	2.365	2.303	0.1000	24.3	25.0	-2.6	30.0
n-Heptane	Ave	2.664	2.604		24.4	25.0	-2.2	30.0
Trichloroethene	Ave	1.456	1.501	0.2000	25.8	25.0	3.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Lab Sample ID: ICV 480-582488/29 Calibration Date: 05/25/2021 20:05
 Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08
 Lab File ID: D0645.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.766	1.967	0.1000	27.8	25.0	11.4	30.0
1,2-Dichloropropane	Ave	1.574	1.586	0.1000	25.2	25.0	0.8	30.0
1,4-Dioxane	Ave	0.0095	0.0088		463	500	-7.3	50.0
Dibromomethane	Ave	1.061	1.059	0.1000	24.9	25.0	-0.2	30.0
Bromodichloromethane	Ave	2.010	2.000	0.2000	24.9	25.0	-0.5	30.0
2-Chloroethyl vinyl ether	Ave	1.135	1.138		25.1	25.0	0.3	30.0
cis-1,3-Dichloropropene	Ave	2.363	2.323	0.2000	24.6	25.0	-1.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.999	0.9870	0.1000	123	125	-1.2	30.0
Toluene	Ave	1.575	1.595	0.4000	25.3	25.0	1.3	30.0
trans-1,3-Dichloropropene	Ave	1.053	1.047	0.1000	24.9	25.0	-0.5	30.0
Ethyl methacrylate	Ave	0.9289	0.9480		25.5	25.0	2.1	30.0
1,1,2-Trichloroethane	Ave	0.5604	0.5562	0.1000	24.8	25.0	-0.7	30.0
Tetrachloroethene	Ave	0.7332	0.7730	0.2000	26.4	25.0	5.4	30.0
1,3-Dichloropropane	Ave	1.086	1.079		24.8	25.0	-0.7	30.0
2-Hexanone	Ave	0.7376	0.7210	0.1000	122	125	-2.3	30.0
Dibromochloromethane	Ave	0.8049	0.8100	0.1000	25.2	25.0	0.6	30.0
1,2-Dibromoethane	Ave	0.7509	0.7486		24.9	25.0	-0.3	30.0
Chlorobenzene	Ave	1.856	1.856	0.5000	25.0	25.0	0.0	30.0
Ethylbenzene	Ave	2.964	3.034	0.1000	25.6	25.0	2.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.7052	0.7209		25.6	25.0	2.2	30.0
m,p-Xylene	Ave	1.151	1.188	0.1000	25.8	25.0	3.2	30.0
o-Xylene	Ave	1.123	1.169	0.3000	26.0	25.0	4.0	30.0
Styrene	Ave	1.965	2.030	0.3000	25.8	25.0	3.3	30.0
Bromoform	Ave	0.6051	0.6252	0.1000	25.8	25.0	3.3	50.0
Isopropylbenzene	Ave	2.706	2.791	0.1000	25.8	25.0	3.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9056	0.8970	0.3000	24.8	25.0	-0.9	30.0
Bromobenzene	Ave	0.8167	0.8223		25.2	25.0	0.7	30.0
N-Propylbenzene	Ave	3.289	3.415		26.0	25.0	3.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3292	0.3108		23.6	25.0	-5.6	50.0
1,2,3-Trichloropropane	Ave	0.2547	0.2514		24.7	25.0	-1.3	30.0
2-Chlorotoluene	Ave	0.6978	0.7112		25.5	25.0	1.9	30.0
1,3,5-Trimethylbenzene	Ave	2.266	2.355		26.0	25.0	3.9	30.0
4-Chlorotoluene	Ave	0.7270	0.7501		25.8	25.0	3.2	30.0
tert-Butylbenzene	Ave	0.4576	0.4930		26.9	25.0	7.7	30.0
1,2,4-Trimethylbenzene	Ave	2.358	2.454		26.0	25.0	4.1	30.0
sec-Butylbenzene	Ave	2.924	3.106		26.6	25.0	6.2	30.0
4-Isopropyltoluene	Ave	2.584	2.757		26.7	25.0	6.7	30.0
1,3-Dichlorobenzene	Ave	1.487	1.531	0.6000	25.7	25.0	3.0	30.0
1,4-Dichlorobenzene	Ave	1.530	1.547	0.5000	25.3	25.0	1.1	30.0
n-Butylbenzene	Ave	2.420	2.547		26.3	25.0	5.3	30.0
1,2-Dichlorobenzene	Ave	1.460	1.493	0.4000	25.6	25.0	2.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Lab Sample ID: ICV 480-582488/29 Calibration Date: 05/25/2021 20:05
 Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08
 Lab File ID: D0645.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1919	0.1952	0.0500	25.4	25.0	1.7	50.0
1,2,4-Trichlorobenzene	Ave	1.175	1.212	0.2000	25.8	25.0	3.1	30.0
Hexachlorobutadiene	Ave	0.5764	0.6131		26.6	25.0	6.4	30.0
Naphthalene	Ave	2.981	3.043		25.5	25.0	2.1	30.0
1,2,3-Trichlorobenzene	Ave	1.153	1.177		25.5	25.0	2.0	30.0
Dibromofluoromethane (Surr)	Ave	1.471	1.465		24.9	25.0	-0.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.9006	0.8935		24.8	25.0	-0.8	30.0
Toluene-d8 (Surr)	Ave	2.308	2.297		24.9	25.0	-0.5	30.0
4-Bromofluorobenzene (Surr)	Ave	0.8146	0.8136		25.0	25.0	-0.1	30.0

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0645.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 25-May-2021 20:05:30 ALS Bottle#: 30 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 480-0098837-029
 Operator ID: LH Instrument ID: HP5975D
 Sublist:
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:48:51 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 26-May-2021 12:44:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.538	5.538	0.000	98	152006	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	90	322976	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.848	9.848	0.000	94	347859	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	222686	25.0	24.9	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.312	5.306	0.006	100	135810	25.0	24.8	
\$ 5 Toluene-d8 (Surr)	98	6.751	6.745	0.006	94	741857	25.0	24.9	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.878	8.872	0.006	94	262782	25.0	25.0	
10 Dichlorodifluoromethane	85	1.520	1.514	0.006	99	242923	25.0	24.9	
12 Chloromethane	50	1.727	1.727	0.000	99	297643	25.0	22.9	
13 Vinyl chloride	62	1.843	1.837	0.006	98	274438	25.0	26.4	
144 Butadiene	54	1.880	1.874	0.006	92	176598	25.0	24.9	
14 Bromomethane	94	2.221	2.221	0.000	92	145995	25.0	23.8	
15 Chloroethane	64	2.337	2.331	0.006	98	129390	25.0	27.2	
17 Trichlorofluoromethane	101	2.563	2.556	0.007	97	286340	25.0	26.7	
16 Dichlorofluoromethane	67	2.563	2.563	0.000	97	346105	25.0	24.1	
18 Ethyl ether	59	2.861	2.855	0.006	99	178924	25.0	26.0	
20 Acrolein	56	3.044	3.038	0.006	99	77412	125.0	127.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.081	3.081	0.000	94	178681	25.0	23.2	M
22 1,1-Dichloroethene	96	3.105	3.099	0.006	94	194963	25.0	27.7	M
23 Acetone	43	3.197	3.190	0.007	98	422064	125.0	113.6	
25 Iodomethane	142	3.276	3.276	0.000	99	323470	25.0	26.7	
26 Carbon disulfide	76	3.300	3.294	0.006	100	479699	25.0	25.6	
28 3-Chloro-1-propene	41	3.440	3.434	0.006	90	285681	25.0	22.0	
27 Methyl acetate	43	3.477	3.471	0.006	100	481634	50.0	50.8	
30 Methylene Chloride	84	3.611	3.611	0.000	96	215905	25.0	25.4	
31 2-Methyl-2-propanol	59	3.721	3.715	0.006	100	278851	250.0	249.9	
32 Methyl tert-butyl ether	73	3.776	3.770	0.006	94	326322	25.0	25.8	
34 trans-1,2-Dichloroethene	96	3.794	3.788	0.006	94	205144	25.0	28.8	
33 Acrylonitrile	53	3.831	3.825	0.007	98	1097334	250.0	241.5	
35 Hexane	57	3.965	3.959	0.006	95	330302	25.0	25.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	97	401446	25.0	25.4	
37 Vinyl acetate	43	4.202	4.196	0.006	97	1170719	50.0	45.7	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	91	97629	25.0	20.8	
45 cis-1,2-Dichloroethene	96	4.654	4.648	0.006	84	227441	25.0	25.1	
43 2-Butanone (MEK)	43	4.672	4.666	0.006	98	775748	125.0	120.1	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	131422	25.0	25.7	
49 Tetrahydrofuran	42	4.873	4.867	0.006	91	199018	50.0	47.4	
50 Chloroform	83	4.916	4.910	0.006	96	387115	25.0	24.9	
51 1,1,1-Trichloroethane	97	5.025	5.019	0.006	98	271135	25.0	27.8	
52 Cyclohexane	56	5.038	5.032	0.006	96	257876	25.0	26.6	
55 Carbon tetrachloride	117	5.141	5.135	0.006	97	249880	25.0	25.1	
54 1,1-Dichloropropene	75	5.147	5.141	0.006	92	288945	25.0	26.3	
53 Isobutyl alcohol	43	5.282	5.282	0.000	93	411930	625.0	579.4	
57 Benzene	78	5.324	5.318	0.006	97	795012	25.0	25.2	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	97	350076	25.0	24.3	
59 n-Heptane	43	5.446	5.440	0.006	97	395895	25.0	24.4	
62 Trichloroethene	95	5.818	5.812	0.006	96	228115	25.0	25.8	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	298997	25.0	27.8	
65 1,2-Dichloropropane	63	6.013	6.007	0.006	92	241103	25.0	25.2	
66 1,4-Dioxane	88	6.117	6.111	0.006	99	57163	500.0	463.4	
67 Dibromomethane	93	6.129	6.123	0.006	96	160937	25.0	24.9	
68 Dichlorobromomethane	83	6.239	6.233	0.006	97	304077	25.0	24.9	
69 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	93	173040	25.0	25.1	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	92	353145	25.0	24.6	
73 4-Methyl-2-pentanone (MIBK)	43	6.659	6.659	0.000	99	1593963	125.0	123.5	
74 Toluene	92	6.800	6.800	0.000	98	515118	25.0	25.3	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	98	338218	25.0	24.9	
75 Ethyl methacrylate	69	7.013	7.007	0.006	92	306191	25.0	25.5	
79 1,1,2-Trichloroethane	83	7.159	7.153	0.006	93	179635	25.0	24.8	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	249676	25.0	26.4	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	97	348470	25.0	24.8	
80 2-Hexanone	43	7.312	7.312	0.000	99	1164296	125.0	122.2	
83 Chlorodibromomethane	129	7.482	7.482	0.000	90	261599	25.0	25.2	
84 Ethylene Dibromide	107	7.580	7.574	0.006	98	241775	25.0	24.9	
87 Chlorobenzene	112	7.940	7.940	0.000	97	599500	25.0	25.0	
88 Ethylbenzene	91	7.994	7.988	0.006	99	979851	25.0	25.6	
89 1,1,1,2-Tetrachloroethane	131	8.007	8.001	0.006	95	232824	25.0	25.6	
90 m-Xylene & p-Xylene	106	8.086	8.080	0.006	99	383632	25.0	25.8	
91 o-Xylene	106	8.421	8.415	0.006	97	377405	25.0	26.0	
92 Styrene	104	8.439	8.433	0.006	95	655662	25.0	25.8	
95 Bromoform	173	8.653	8.647	0.006	97	201933	25.0	25.8	
94 Isopropylbenzene	105	8.708	8.702	0.006	96	970803	25.0	25.8	
101 Bromobenzene	156	9.013	9.013	-0.001	92	286048	25.0	25.2	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	-0.001	85	312028	25.0	24.8	
99 N-Propylbenzene	91	9.049	9.043	0.006	98	1187913	25.0	26.0	
98 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	73	108101	25.0	23.6	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	88	87436	25.0	24.7	
103 2-Chlorotoluene	126	9.153	9.153	0.000	97	247399	25.0	25.5	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	95	819178	25.0	26.0	
105 4-Chlorotoluene	126	9.244	9.238	0.006	97	260914	25.0	25.8	
106 tert-Butylbenzene	134	9.464	9.464	0.000	94	171497	25.0	26.9	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	853805	25.0	26.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.647	9.640	0.007	95	1080550	25.0	26.6	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	958930	25.0	26.7	
111 1,3-Dichlorobenzene	146	9.793	9.787	0.006	99	532562	25.0	25.7	
113 1,4-Dichlorobenzene	146	9.866	9.866	0.000	96	538149	25.0	25.3	
115 n-Butylbenzene	91	10.110	10.110	0.000	98	886087	25.0	26.3	
116 1,2-Dichlorobenzene	146	10.195	10.189	0.006	99	519330	25.0	25.6	
117 1,2-Dibromo-3-Chloropropane	75	10.878	10.872	0.006	86	67894	25.0	25.4	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	421600	25.0	25.8	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	213275	25.0	26.6	
121 Naphthalene	128	11.725	11.725	0.000	97	1058683	25.0	25.5	
122 1,2,3-Trichlorobenzene	180	11.914	11.914	0.000	95	409310	25.0	25.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SS 8260 CORP_00092

Amount Added: 12.50

Units: uL

SS GAS CORP_00405

Amount Added: 12.50

Units: uL

D 8260 IS/SUR_00028

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0645.D

Injection Date: 25-May-2021 20:05:30

Instrument ID: HP5975D

Operator ID: LH

Lims ID: ICV

Worklist Smp#: 29

Client ID:

Purge Vol: 5.000 mL

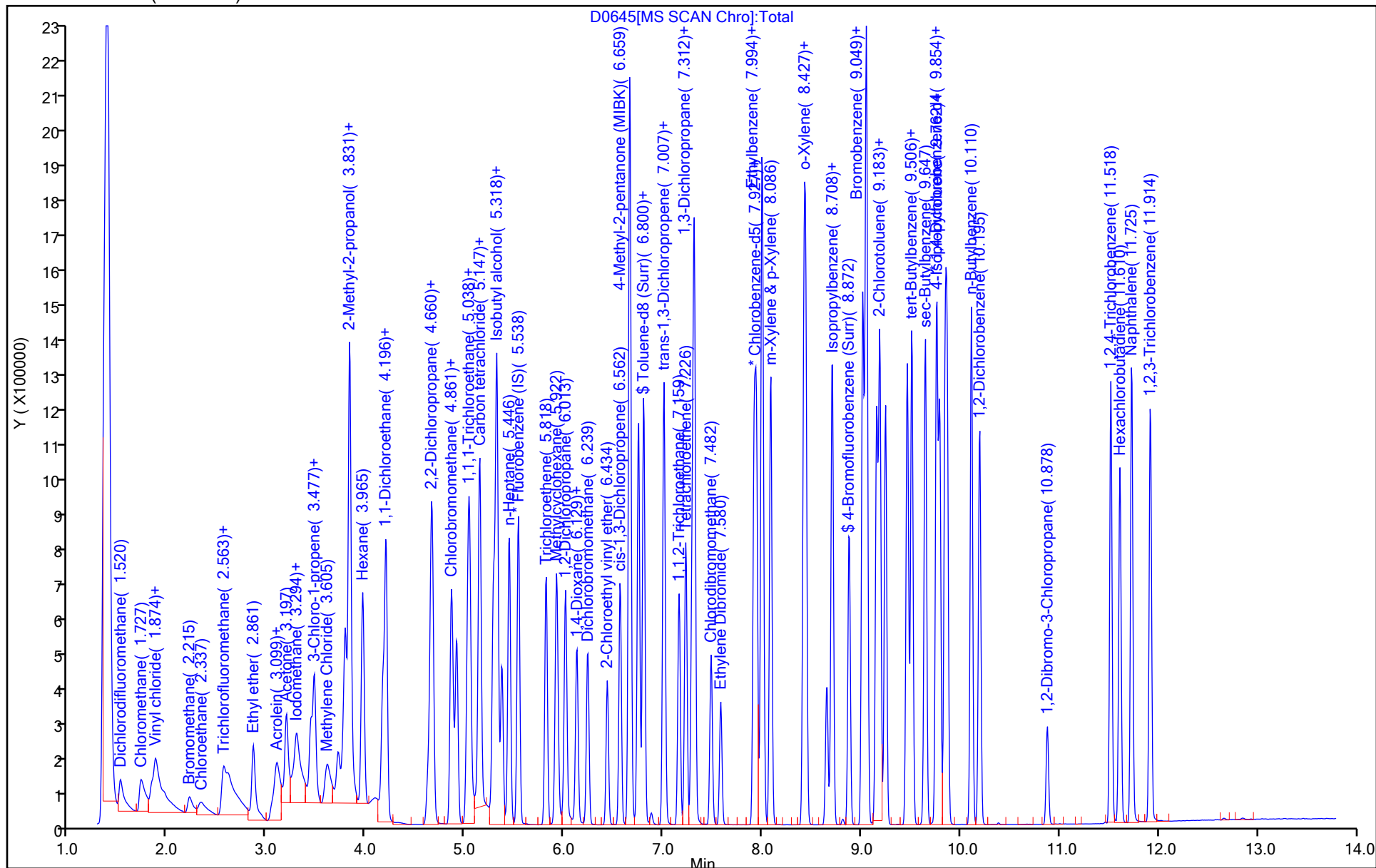
Dil. Factor: 1.0000

ALS Bottle#: 30

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

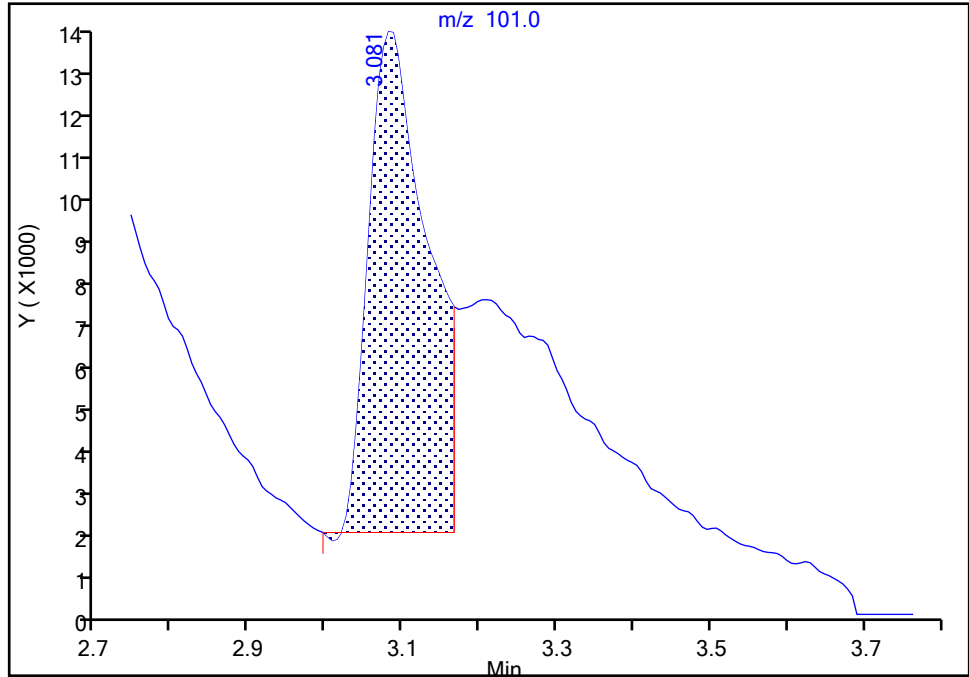
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0645.D
Injection Date: 25-May-2021 20:05:30 Instrument ID: HP5975D
Lims ID: ICV
Client ID:
Operator ID: LH ALS Bottle#: 30 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

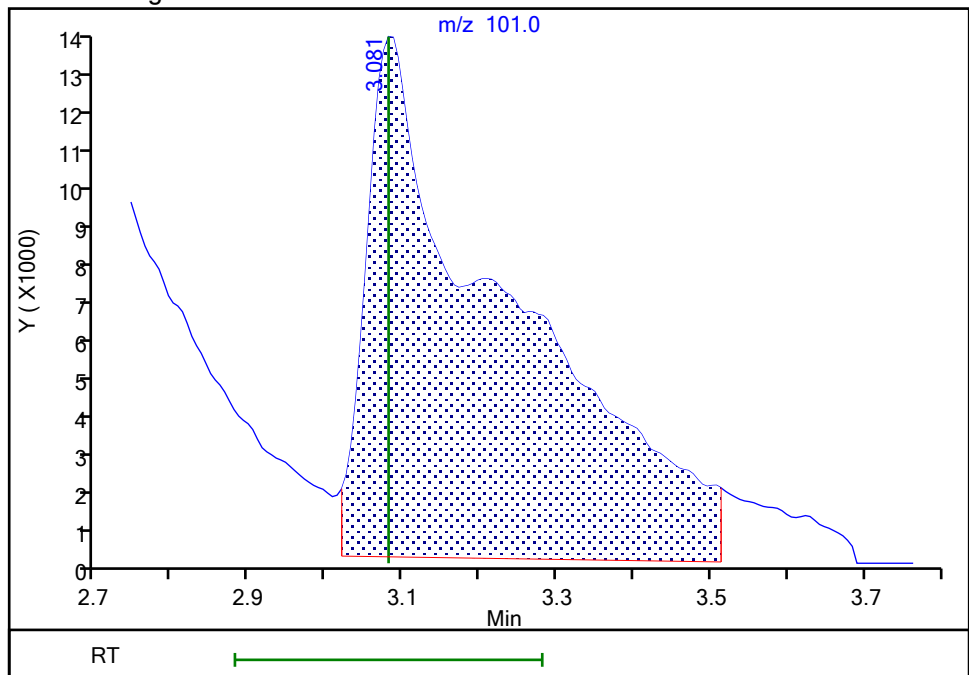
RT: 3.08
Area: 64064
Amount: 8.815783
Amount Units: ug/L

Processing Integration Results



RT: 3.08
Area: 178681
Amount: 23.153664
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 26-May-2021 12:44:01

Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Buffalo

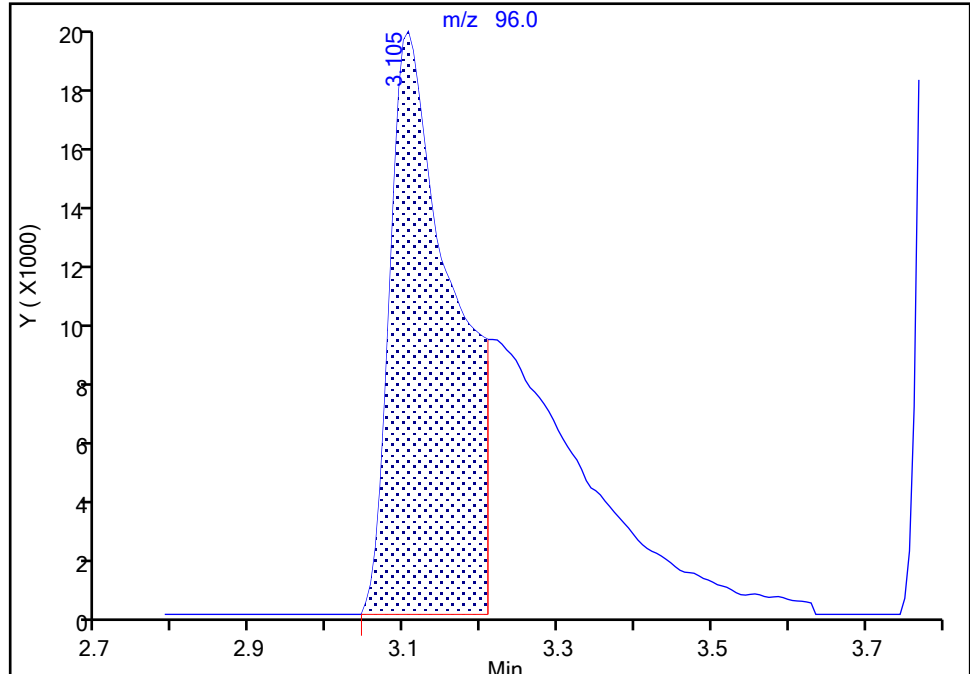
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Injection Date: 25-May-2021 20:05:30 Instrument ID: HP5975D
Lims ID: ICV
Client ID:
Operator ID: LH ALS Bottle#: 30 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

22 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

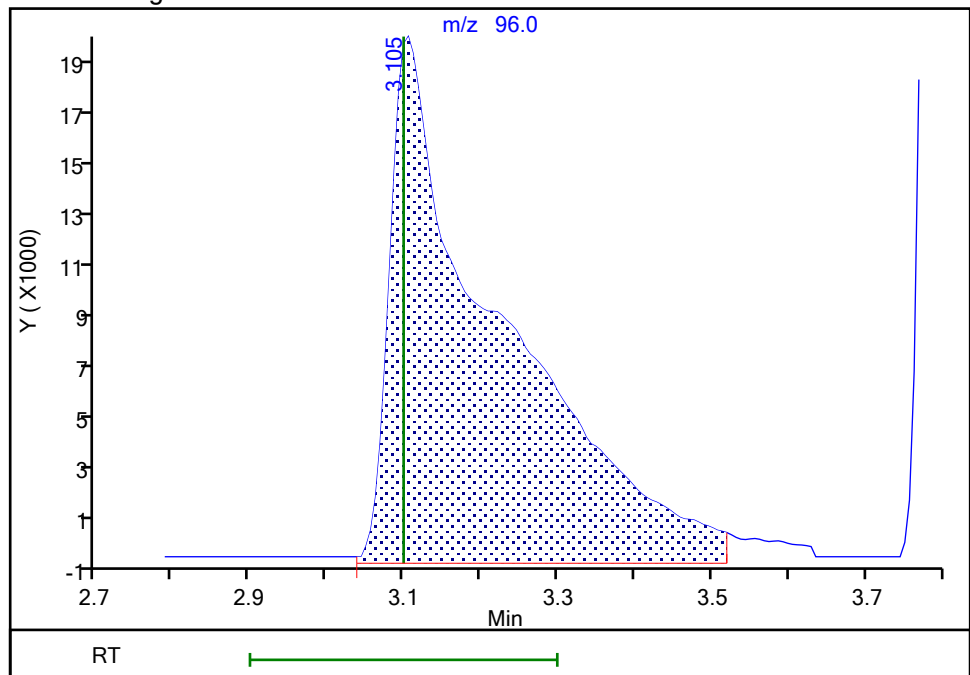
RT: 3.11
Area: 109742
Amount: 15.770556
Amount Units: ug/L

Processing Integration Results



RT: 3.11
Area: 194963
Amount: 27.732692
Amount Units: ug/L

Manual Integration Results



Reviewer: HillL, 26-May-2021 12:44:10
Audit Action: Manually Integrated

Audit Reason: Poor chromatography
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07/11/2021

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-587545/3 Calibration Date: 06/30/2021 09:47
 Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08
 Lab File ID: D1908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin1		1.212	0.1000	19.0	25.0	-24.2	50.0
Chloromethane	Ave	2.140	1.878	0.1000	21.9	25.0	-12.3	20.0
Vinyl chloride	Ave	1.707	1.610	0.1000	23.6	25.0	-5.7	20.0
Butadiene	Ave	1.168	1.230		26.3	25.0	5.3	20.0
Bromomethane	Ave	1.009	0.9570	0.1000	23.7	25.0	-5.2	50.0
Chloroethane	Ave	0.7827	0.8453	0.1000	27.0	25.0	8.0	50.0
Trichlorofluoromethane	Ave	1.767	1.629	0.1000	23.0	25.0	-7.8	20.0
Dichlorofluoromethane	Ave	2.361	2.193		23.2	25.0	-7.1	20.0
Ethyl ether	Ave	1.132	1.316		29.1	25.0	16.2	20.0
Acrolein	Ave	0.0996	0.0668		83.9	125	-32.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin2		1.224	0.1000	24.1	25.0	-3.7	20.0
1,1-Dichloroethene	Lin1		1.221	0.1000	26.4	25.0	5.7	20.0
Acetone	Ave	0.6109	0.5942	0.1000	122	125	-2.7	50.0
Iodomethane	Ave	1.990	2.296		28.9	25.0	15.4	20.0
Carbon disulfide	Ave	3.080	3.575	0.1000	29.0	25.0	16.1	20.0
Allyl chloride	Ave	2.135	2.564		30.0	25.0	20.1*	20.0
Methyl acetate	Ave	1.560	1.440	0.1000	46.2	50.0	-7.7	50.0
Methylene Chloride	Lin1		1.558	0.1000	27.9	25.0	11.6	20.0
2-Methyl-2-propanol	Ave	0.1835	0.1005		137	250	-45.3	50.0
Methyl tert-butyl ether	Ave	2.082	2.081	0.1000	25.0	25.0	-0.0	20.0
trans-1,2-Dichloroethene	Ave	1.170	1.393	0.1000	29.8	25.0	19.1	20.0
Acrylonitrile	Ave	0.7472	0.7248		243	250	-3.0	20.0
Hexane	Ave	2.103	2.387		28.4	25.0	13.5	20.0
1,1-Dichloroethane	Ave	2.595	2.758	0.2000	26.6	25.0	6.3	20.0
Vinyl acetate	Ave	4.217	3.992		47.3	50.0	-5.3	20.0
2,2-Dichloropropane	Ave	0.7721	0.8450		27.4	25.0	9.4	20.0
cis-1,2-Dichloroethene	Ave	1.491	1.540	0.1000	25.8	25.0	3.3	20.0
2-Butanone (MEK)	Ave	1.063	0.9726	0.1000	114	125	-8.5	20.0
Chlorobromomethane	Ave	0.8394	0.8731		26.0	25.0	4.0	20.0
Tetrahydrofuran	Ave	0.6908	0.6318		45.7	50.0	-8.5	20.0
Chloroform	Ave	2.558	2.553	0.2000	25.0	25.0	-0.2	20.0
1,1,1-Trichloroethane	Ave	1.605	1.834	0.1000	28.6	25.0	14.3	20.0
Cyclohexane	Ave	1.596	1.907	0.1000	29.9	25.0	19.5	20.0
Carbon tetrachloride	Ave	1.635	1.752	0.1000	26.8	25.0	7.2	20.0
1,1-Dichloropropene	Ave	1.809	1.920		26.5	25.0	6.1	20.0
Isobutyl alcohol	Ave	0.1169	0.0987		527	625	-15.6	50.0
Benzene	Ave	5.181	5.530	0.5000	26.7	25.0	6.7	20.0
1,2-Dichloroethane	Ave	2.365	2.104	0.1000	22.2	25.0	-11.0	20.0
n-Heptane	Ave	2.664	2.862		26.9	25.0	7.4	20.0
Trichloroethene	Ave	1.456	1.490	0.2000	25.6	25.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-587545/3 Calibration Date: 06/30/2021 09:47
 Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08
 Lab File ID: D1908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.766	2.107	0.1000	29.8	25.0	19.3	20.0
1,2-Dichloropropane	Ave	1.574	1.666	0.1000	26.5	25.0	5.9	20.0
1,4-Dioxane	Ave	0.0095	0.0084		438	500	-12.3	50.0
Dibromomethane	Ave	1.061	1.039	0.1000	24.5	25.0	-2.1	20.0
Bromodichloromethane	Ave	2.010	1.973	0.2000	24.5	25.0	-1.8	20.0
2-Chloroethyl vinyl ether	Ave	1.135	0.0453		0.999	25.0	-96.0*	20.0
cis-1,3-Dichloropropene	Ave	2.363	2.357	0.2000	24.9	25.0	-0.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.999	0.9280	0.1000	116	125	-7.1	20.0
Toluene	Ave	1.575	1.637	0.4000	26.0	25.0	3.9	20.0
trans-1,3-Dichloropropene	Ave	1.053	1.003	0.1000	23.8	25.0	-4.7	20.0
Ethyl methacrylate	Ave	0.9289	0.9175		24.7	25.0	-1.2	20.0
1,1,2-Trichloroethane	Ave	0.5604	0.5627	0.1000	25.1	25.0	0.4	20.0
Tetrachloroethene	Ave	0.7332	0.7722	0.2000	26.3	25.0	5.3	20.0
1,3-Dichloropropane	Ave	1.086	1.087		25.0	25.0	0.1	20.0
2-Hexanone	Ave	0.7376	0.6701	0.1000	114	125	-9.2	20.0
Dibromochloromethane	Ave	0.8049	0.7885	0.1000	24.5	25.0	-2.0	20.0
1,2-Dibromoethane	Ave	0.7509	0.7374		24.5	25.0	-1.8	20.0
Chlorobenzene	Ave	1.856	1.872	0.5000	25.2	25.0	0.9	20.0
Ethylbenzene	Ave	2.964	3.086	0.1000	26.0	25.0	4.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.7052	0.7122		25.2	25.0	1.0	20.0
m,p-Xylene	Ave	1.151	1.194	0.1000	25.9	25.0	3.7	20.0
o-Xylene	Ave	1.123	1.173	0.3000	26.1	25.0	4.5	20.0
Styrene	Ave	1.965	2.009	0.3000	25.5	25.0	2.2	20.0
Bromoform	Ave	0.6051	0.5616	0.1000	23.2	25.0	-7.2	50.0
Isopropylbenzene	Ave	2.706	2.820	0.1000	26.0	25.0	4.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9056	0.8885	0.3000	24.5	25.0	-1.9	20.0
Bromobenzene	Ave	0.8167	0.8286		25.4	25.0	1.5	20.0
N-Propylbenzene	Ave	3.289	3.505		26.6	25.0	6.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3292	0.2600		19.7	25.0	-21.0	50.0
1,2,3-Trichloropropane	Ave	0.2547	0.2382		23.4	25.0	-6.5	20.0
2-Chlorotoluene	Ave	0.6978	0.7257		26.0	25.0	4.0	20.0
1,3,5-Trimethylbenzene	Ave	2.266	2.369		26.1	25.0	4.5	20.0
4-Chlorotoluene	Ave	0.7270	0.7618		26.2	25.0	4.8	20.0
tert-Butylbenzene	Ave	0.4576	0.4832		26.4	25.0	5.6	20.0
1,2,4-Trimethylbenzene	Ave	2.358	2.447		25.9	25.0	3.7	20.0
sec-Butylbenzene	Ave	2.924	3.104		26.5	25.0	6.2	20.0
4-Isopropyltoluene	Ave	2.584	2.748		26.6	25.0	6.4	20.0
1,3-Dichlorobenzene	Ave	1.487	1.532	0.6000	25.8	25.0	3.0	20.0
1,4-Dichlorobenzene	Ave	1.530	1.558	0.5000	25.5	25.0	1.9	20.0
n-Butylbenzene	Ave	2.420	2.550		26.3	25.0	5.4	20.0
1,2-Dichlorobenzene	Ave	1.460	1.480	0.4000	25.3	25.0	1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-587545/3 Calibration Date: 06/30/2021 09:47
 Instrument ID: HP5975D Calib Start Date: 05/25/2021 11:30
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 05/25/2021 14:08
 Lab File ID: D1908.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1919	0.1599	0.0500	20.8	25.0	-16.7	50.0
1,2,4-Trichlorobenzene	Ave	1.175	1.146	0.2000	24.4	25.0	-2.5	20.0
Hexachlorobutadiene	Ave	0.5764	0.5717		24.8	25.0	-0.8	20.0
Naphthalene	Ave	2.981	2.747		23.0	25.0	-7.8	20.0
1,2,3-Trichlorobenzene	Ave	1.153	1.090		23.6	25.0	-5.5	20.0
Dibromofluoromethane (Surr)	Ave	1.471	1.445		24.6	25.0	-1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.9006	0.8535		23.7	25.0	-5.2	20.0
Toluene-d8 (Surr)	Ave	2.308	2.327		25.2	25.0	0.8	20.0
4-Bromofluorobenzene (Surr)	Ave	0.8146	0.8004		24.6	25.0	-1.8	20.0

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1908.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 30-Jun-2021 09:47:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 480-0099624-003
 Operator ID: OI Instrument ID: HP5975D
 Sublist: chrom-D-8260*sub13
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jun-2021 15:12:36 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: izquierdoo

Date: 30-Jun-2021 15:12:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	135639	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.915	7.915	0.000	88	287951	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	94	305245	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	195935	25.0	24.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	115765	25.0	23.7	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	669989	25.0	25.2	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	230462	25.0	24.6	
10 Dichlorodifluoromethane	85	1.526	1.526	0.000	99	164345	25.0	19.0	
12 Chloromethane	50	1.740	1.740	0.000	100	254678	25.0	21.9	M
13 Vinyl chloride	62	1.849	1.849	0.000	97	218329	25.0	23.6	
144 Butadiene	54	1.874	1.874	0.000	91	166851	25.0	26.3	
14 Bromomethane	94	2.221	2.221	0.000	90	129809	25.0	23.7	
15 Chloroethane	64	2.343	2.343	0.000	98	114649	25.0	27.0	
17 Trichlorofluoromethane	101	2.557	2.557	0.000	97	220925	25.0	23.0	
16 Dichlorofluoromethane	67	2.563	2.563	0.000	96	297443	25.0	23.2	
18 Ethyl ether	59	2.855	2.855	0.000	98	178459	25.0	29.1	
20 Acrolein	56	3.038	3.038	0.000	100	45337	125.0	83.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.087	3.087	0.000	64	165964	25.0	24.1	
22 1,1-Dichloroethene	96	3.087	3.087	0.000	94	165649	25.0	26.4	
23 Acetone	43	3.191	3.191	0.000	99	402961	125.0	121.6	
25 Iodomethane	142	3.258	3.258	0.000	100	311466	25.0	28.9	
26 Carbon disulfide	76	3.294	3.294	0.000	100	484910	25.0	29.0	
28 3-Chloro-1-propene	41	3.441	3.441	0.000	91	347840	25.0	30.0	
27 Methyl acetate	43	3.471	3.471	0.000	100	390545	50.0	46.2	
30 Methylene Chloride	84	3.575	3.575	0.000	97	211264	25.0	27.9	
31 2-Methyl-2-propanol	59	3.715	3.715	0.000	99	136272	250.0	136.8	
32 Methyl tert-butyl ether	73	3.776	3.776	0.000	97	282246	25.0	25.0	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	94	189009	25.0	29.8	
33 Acrylonitrile	53	3.831	3.831	0.000	98	983165	250.0	242.5	
35 Hexane	57	3.965	3.965	0.000	95	323747	25.0	28.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
39 1,1-Dichloroethane	63	4.166	4.166	0.000	96	374132	25.0	26.6	
37 Vinyl acetate	43	4.197	4.197	0.000	96	1083058	50.0	47.3	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	91	114609	25.0	27.4	
45 cis-1,2-Dichloroethene	96	4.654	4.654	0.000	86	208934	25.0	25.8	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	659589	125.0	114.4	
48 Chlorobromomethane	128	4.855	4.855	0.000	95	118428	25.0	26.0	
49 Tetrahydrofuran	42	4.867	4.867	0.000	93	171398	50.0	45.7	
50 Chloroform	83	4.910	4.910	0.000	95	346287	25.0	25.0	
51 1,1,1-Trichloroethane	97	5.020	5.020	0.000	99	248745	25.0	28.6	
52 Cyclohexane	56	5.038	5.038	0.000	95	258608	25.0	29.9	M
55 Carbon tetrachloride	117	5.141	5.141	0.000	98	237691	25.0	26.8	
54 1,1-Dichloropropene	75	5.148	5.148	0.000	95	260399	25.0	26.5	
53 Isobutyl alcohol	43	5.276	5.276	0.000	95	334612	625.0	527.4	
57 Benzene	78	5.318	5.318	0.000	97	750035	25.0	26.7	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	285447	25.0	22.2	
59 n-Heptane	43	5.440	5.440	0.000	98	388203	25.0	26.9	
62 Trichloroethene	95	5.812	5.812	0.000	97	202063	25.0	25.6	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	285790	25.0	29.8	M
65 1,2-Dichloropropane	63	6.007	6.007	0.000	96	226036	25.0	26.5	
66 1,4-Dioxane	88	6.111	6.111	0.000	99	48204	500.0	438.3	M
67 Dibromomethane	93	6.123	6.123	0.000	95	140877	25.0	24.5	
68 Dichlorobromomethane	83	6.233	6.233	0.000	97	267594	25.0	24.5	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	89	6149	25.0	1.00	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	93	319703	25.0	24.9	
73 4-Methyl-2-pentanone (MIBK)	43	6.653	6.653	0.000	98	1336111	125.0	116.1	
74 Toluene	92	6.800	6.800	0.000	98	471260	25.0	26.0	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	96	288842	25.0	23.8	
75 Ethyl methacrylate	69	7.007	7.007	0.000	91	264195	25.0	24.7	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	92	162035	25.0	25.1	
81 Tetrachloroethene	166	7.226	7.226	0.000	98	222363	25.0	26.3	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	99	313108	25.0	25.0	
80 2-Hexanone	43	7.306	7.306	0.000	97	964793	125.0	113.6	
83 Chlorodibromomethane	129	7.476	7.476	0.000	90	227049	25.0	24.5	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	212323	25.0	24.5	
87 Chlorobenzene	112	7.940	7.940	0.000	98	539153	25.0	25.2	
88 Ethylbenzene	91	7.988	7.988	0.000	99	888717	25.0	26.0	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	205075	25.0	25.2	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	343777	25.0	25.9	
91 o-Xylene	106	8.415	8.415	0.000	98	337882	25.0	26.1	
92 Styrene	104	8.433	8.433	0.000	96	578380	25.0	25.5	
95 Bromoform	173	8.647	8.647	0.000	97	161708	25.0	23.2	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	860655	25.0	26.0	
97 1,1,2,2-Tetrachloroethane	83	9.013	9.013	0.000	85	271196	25.0	24.5	
101 Bromobenzene	156	9.013	9.013	0.000	91	252916	25.0	25.4	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	1069894	25.0	26.6	
98 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	79	79356	25.0	19.7	
100 1,2,3-Trichloropropane	110	9.055	9.055	0.000	87	72718	25.0	23.4	
103 2-Chlorotoluene	126	9.153	9.153	0.000	98	221509	25.0	26.0	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	723180	25.0	26.1	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	232527	25.0	26.2	
106 tert-Butylbenzene	134	9.458	9.458	0.000	93	147491	25.0	26.4	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	97	746804	25.0	25.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
109 sec-Butylbenzene	105	9.641	9.641	0.000	94	947572	25.0	26.5	
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	838868	25.0	26.6	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	99	467583	25.0	25.8	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	95	475724	25.0	25.5	
115 n-Butylbenzene	91	10.104	10.104	0.000	98	778363	25.0	26.3	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	99	451633	25.0	25.3	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	87	48797	25.0	20.8	
119 1,2,4-Trichlorobenzene	180	11.518	11.518	0.000	95	349718	25.0	24.4	
120 Hexachlorobutadiene	225	11.610	11.610	0.000	97	174517	25.0	24.8	
121 Naphthalene	128	11.726	11.726	0.000	97	838477	25.0	23.0	
122 1,2,3-Trichlorobenzene	180	11.915	11.915	0.000	95	332792	25.0	23.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00209

Amount Added: 12.50

Units: uL

GAS CORP mix_00461

Amount Added: 12.50

Units: uL

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1908.D

Injection Date: 30-Jun-2021 09:47:30

Instrument ID: HP5975D

Lims ID: CCVIS

Client ID:

Operator ID: OI

Worklist Smp#: 3

Purge Vol: 5.000 mL

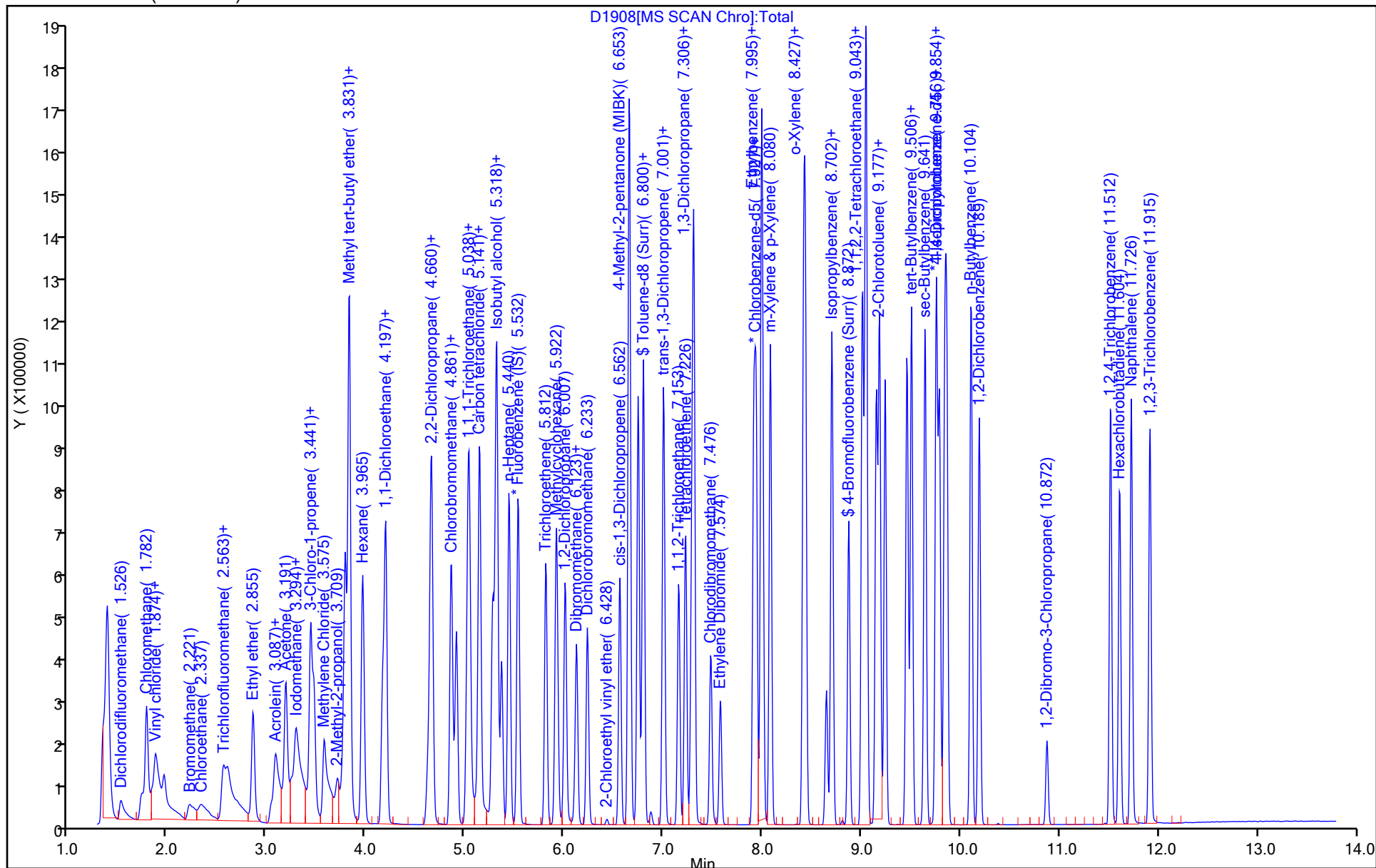
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



Eurofins TestAmerica, Buffalo

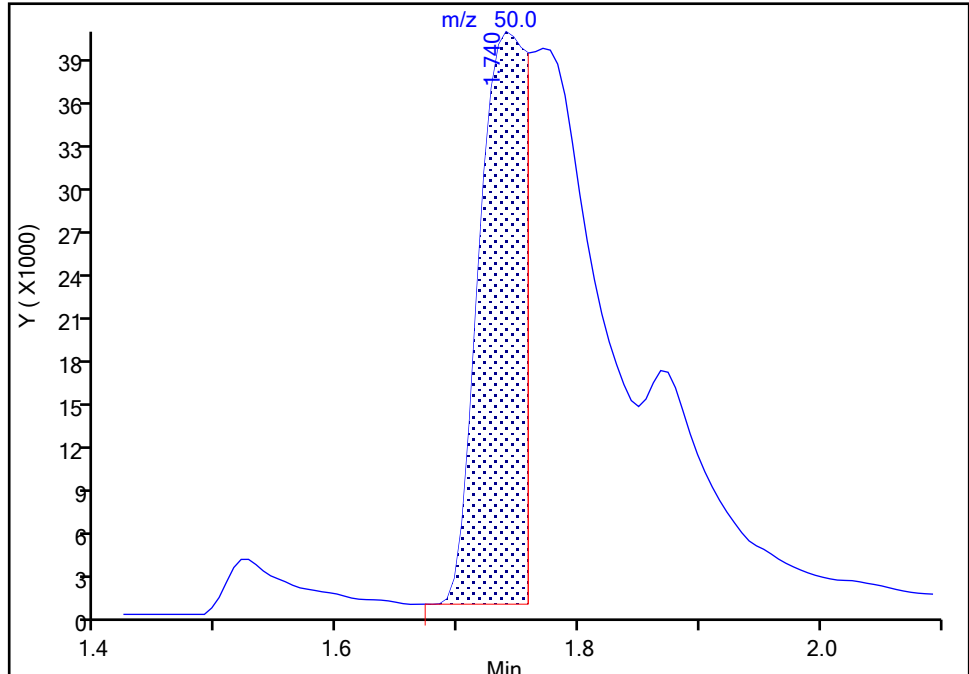
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Injection Date: 30-Jun-2021 09:47:30 Instrument ID: HP5975D
Lims ID: CCVIS
Client ID:
Operator ID: OI ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

12 Chloromethane, CAS: 74-87-3

Signal: 1

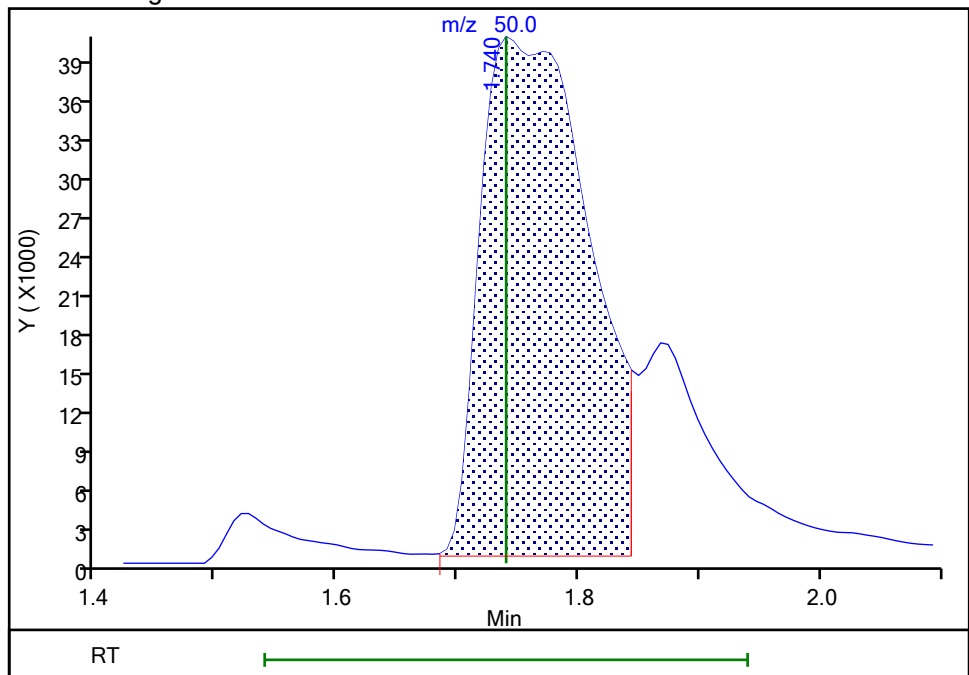
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Area: 112006
Amount: 9.645541
Amount Units: ug/L

Processing Integration Results



RT: 1.74
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Amount: 21.931925
Amount Units: ug/L

Manual Integration Results



Reviewer: izquierdoo, 30-Jun-2021 10:48:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Buffalo

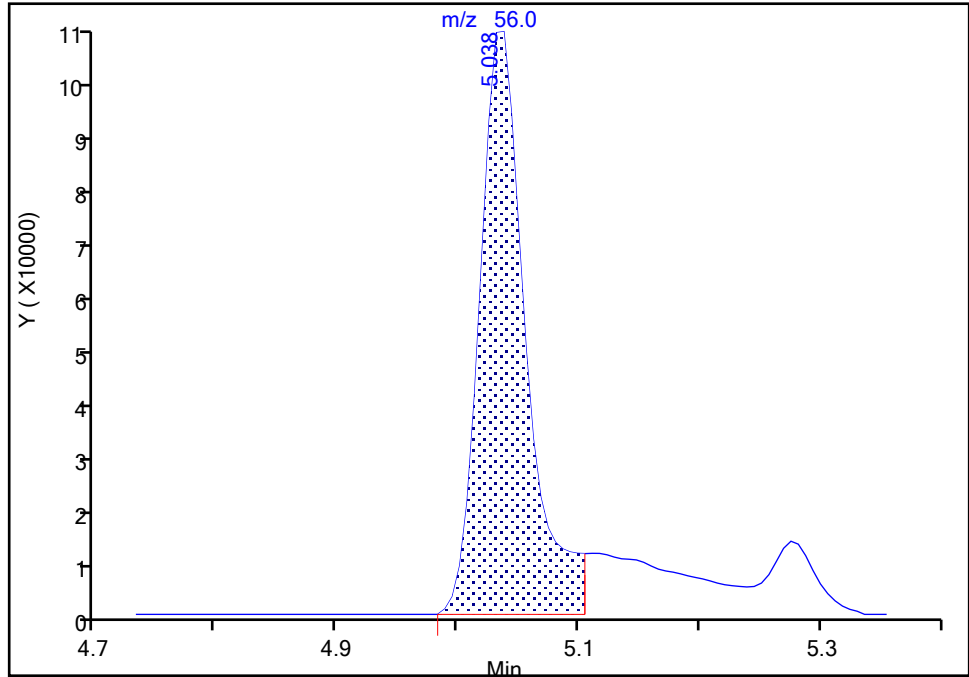
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Injection Date: 30-Jun-2021 09:47:30 Instrument ID: HP5975D
Lims ID: CCVIS
Client ID:
Operator ID: OI ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

52 Cyclohexane, CAS: 110-82-7

Signal: 1

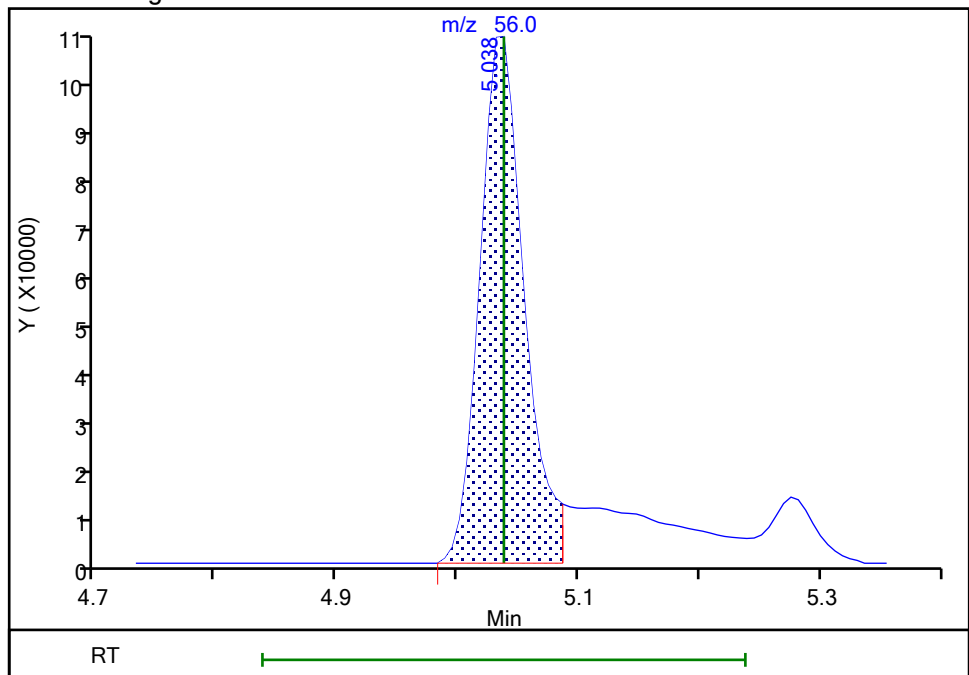
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Amount: 31.235543
Amount Units: ug/L

Processing Integration Results



RT: 5.04
Area: 258608
Amount: 29.873820
Amount Units: ug/L

Manual Integration Results



Reviewer: izquierdoo, 30-Jun-2021 10:51:05
Audit Action: Manually Integrated

Audit Reason: Split Peak
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07/11/2021

Eurofins TestAmerica, Buffalo

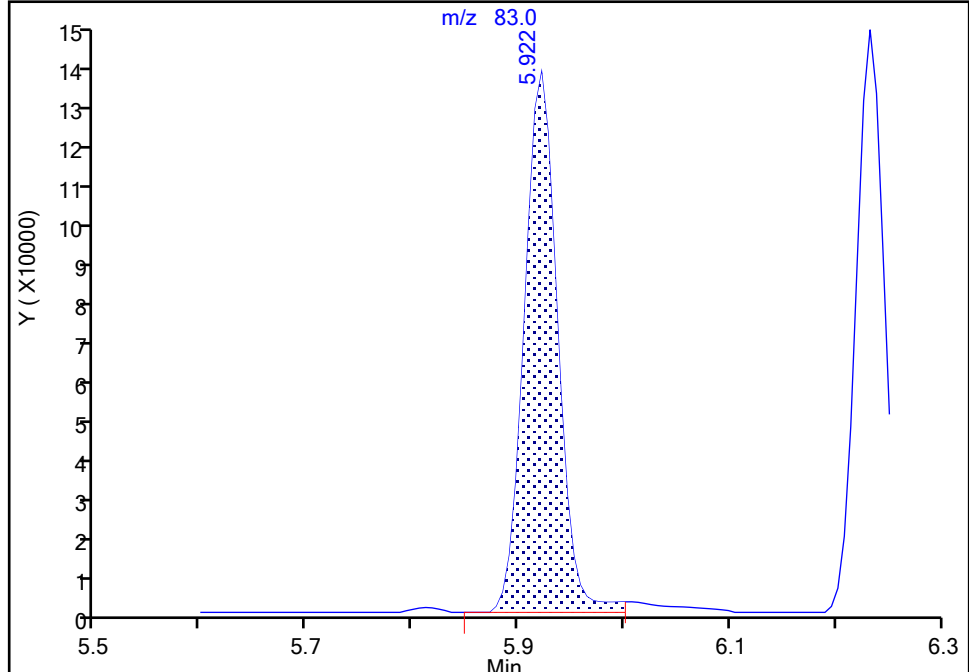
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Injection Date: 30-Jun-2021 09:47:30 Instrument ID: HP5975D
Lims ID: CCVIS
Client ID:
Operator ID: OI ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

64 Methylcyclohexane, CAS: 108-87-2

Signal: 1

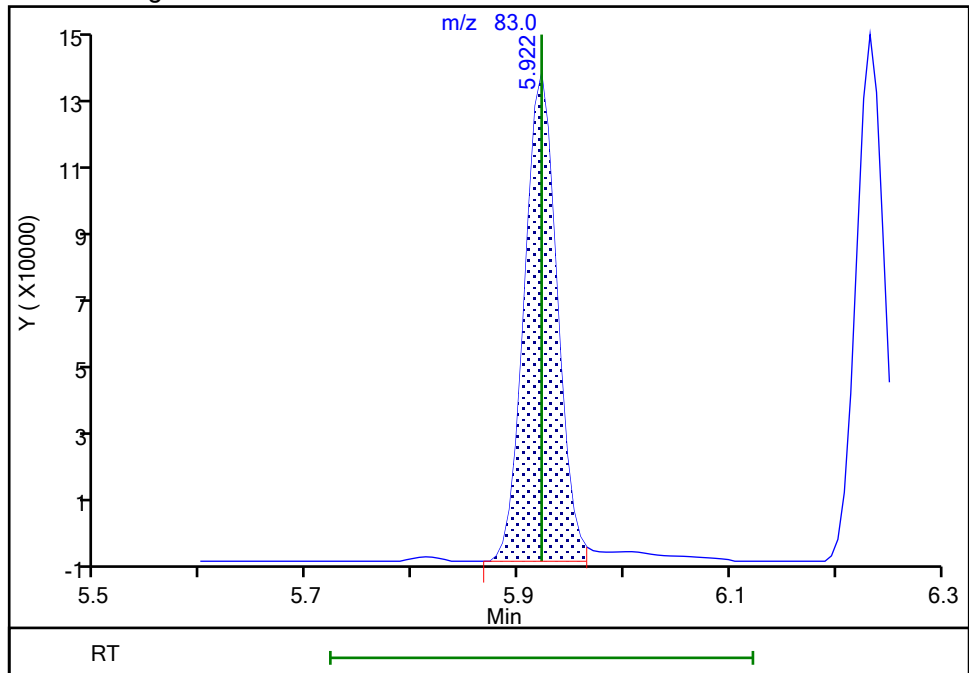
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Area: 291501
Amount: 30.415219
Amount Units: ug/L

Processing Integration Results



RT: 5.92
Area: 285790
Amount: 29.819333
Amount Units: ug/L

Manual Integration Results



Reviewer: izquierdoo, 30-Jun-2021 10:51:28

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Buffalo

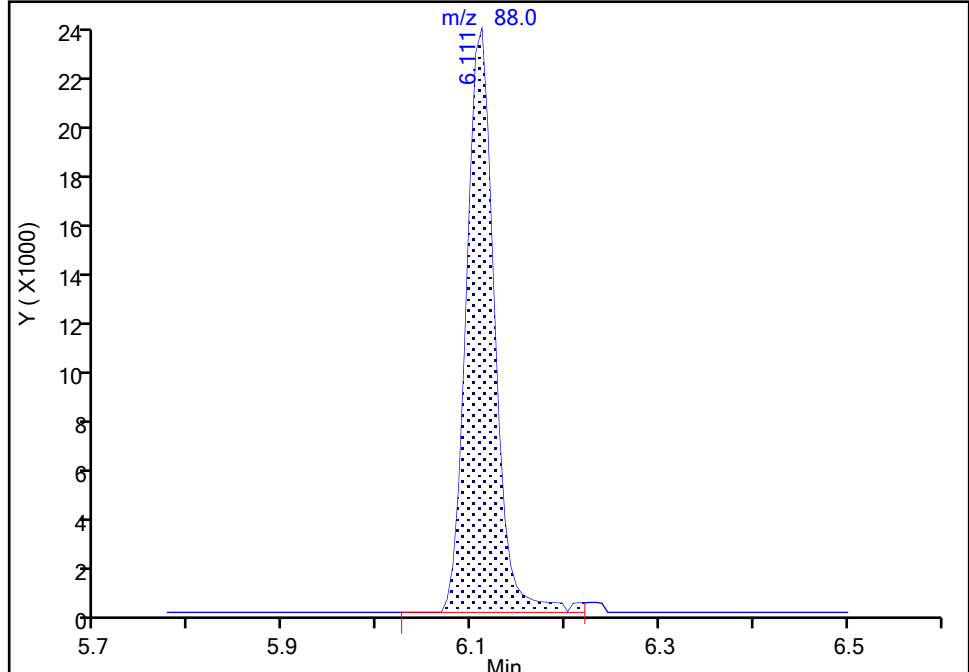
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1908.D
Injection Date: 30-Jun-2021 09:47:30 Instrument ID: HP5975D
Lims ID: CCVIS
Client ID:
Operator ID: OI ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

66 1,4-Dioxane, CAS: 123-91-1

Signal: 1

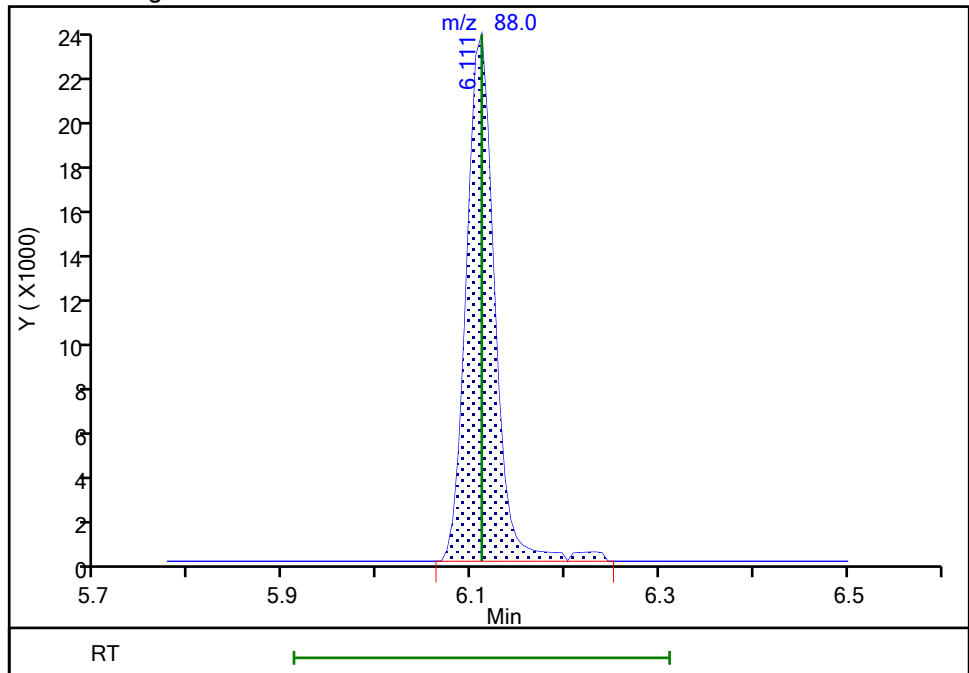
RT: 6.11
Area: 47785
Amount: 434.4927
Amount Units: ug/L

Processing Integration Results



RT: 6.11
Area: 48204
Amount: 438.3026
Amount Units: ug/L

Manual Integration Results



Reviewer: izquierdoo, 30-Jun-2021 10:51:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0620.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-May-2021 10:43:30 ALS Bottle#: 5 Worklist Smp#: 4
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 480-0098837-004
 Operator ID: LH Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 26-May-2021 12:52:55 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1602

First Level Reviewer: HillL

Date: 25-May-2021 10:51:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	4.714	4.714	0.000	0	202313	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00121

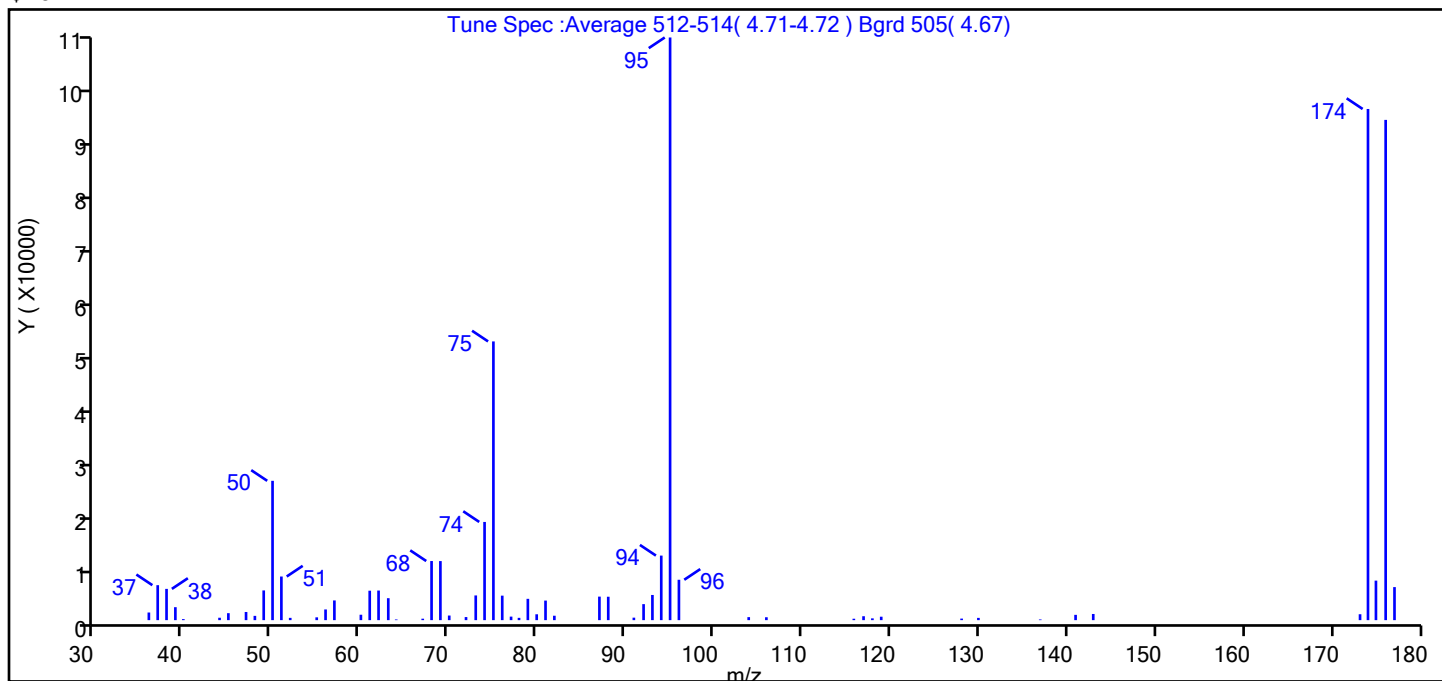
Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0620.D
 Injection Date: 25-May-2021 10:43:30 Instrument ID: HP5975D
 Lims ID: BFB
 Client ID:
 Operator ID: LH ALS Bottle#: 5 Worklist Smp#: 4
 Injection Vol: 1.0 uL Dil. Factor: 1.0000
 Method: D-8260 Limit Group: MV - 8260C ICAL
 Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	23.9
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	1.0 (1.2)
174	50 to 120% of m/z 95	87.7
175	5 to 9% of m/z 174	6.8 (7.7)
176	Greater than 95% but less than 101% of m/z 174	85.9 (97.9)
177	5 to 9% of m/z 176	5.7 (6.6)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\0620.D\0620.D-8260.rslt\spectra.d
Injection Date: 25-May-2021 10:43:30
Spectrum: Tune Spec :Average 512-514(4.71-4.72) Bgrd 505(4.67)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1405	57.00	3627	77.00	650	106.00	534
37.00	6435	60.00	996	78.00	423	116.00	260
38.00	5753	61.00	5417	79.00	3922	117.00	721
39.00	2385	62.00	5448	80.00	1080	118.00	328
40.00	189	63.00	4040	81.00	3600	119.00	633
44.00	442	64.00	126	82.00	812	128.00	286
45.00	1284	67.00	266	87.00	4330	130.00	416
47.00	1501	68.00	10879	88.00	4308	137.00	126
48.00	788	69.00	10869	91.00	458	141.00	974
49.00	5469	70.00	848	92.00	2947	143.00	1135
50.00	25640	72.00	568	93.00	4633	173.00	1087
51.00	8030	73.00	4546	94.00	11880	174.00	94072
52.00	421	74.00	18072	95.00	107232	175.00	7272
55.00	517	75.00	51296	96.00	7432	176.00	92064
56.00	1969	76.00	4508	104.00	554	177.00	6081

Report Date: 26-May-2021 12:52:56

Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0620.D

Injection Date: 25-May-2021 10:43:30

Instrument ID: HP5975D

Operator ID: LH

Lims ID: BFB

Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

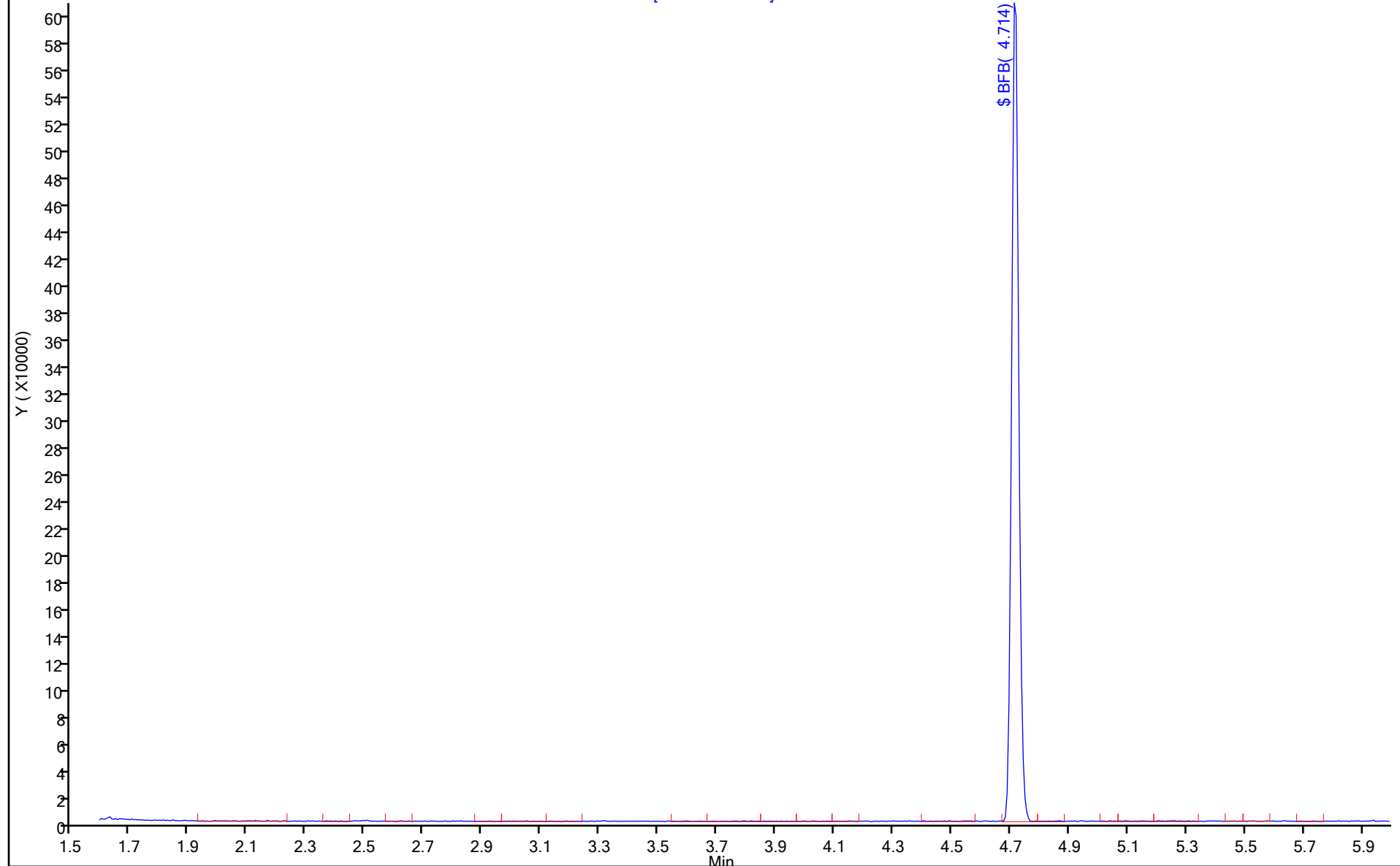
ALS Bottle#: 5

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

D0620[MS SCAN Chro]:Total



Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1907.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 30-Jun-2021 09:17:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 480-0099624-002
Operator ID: OI Instrument ID: HP5975D
Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 30-Jun-2021 09:30:01 Calib Date: 25-May-2021 18:35:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: izquierdoo

Date: 30-Jun-2021 09:30:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags

\$ 61 BFB	95	4.708	4.708	0.000	0	129691	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_WRK_00122

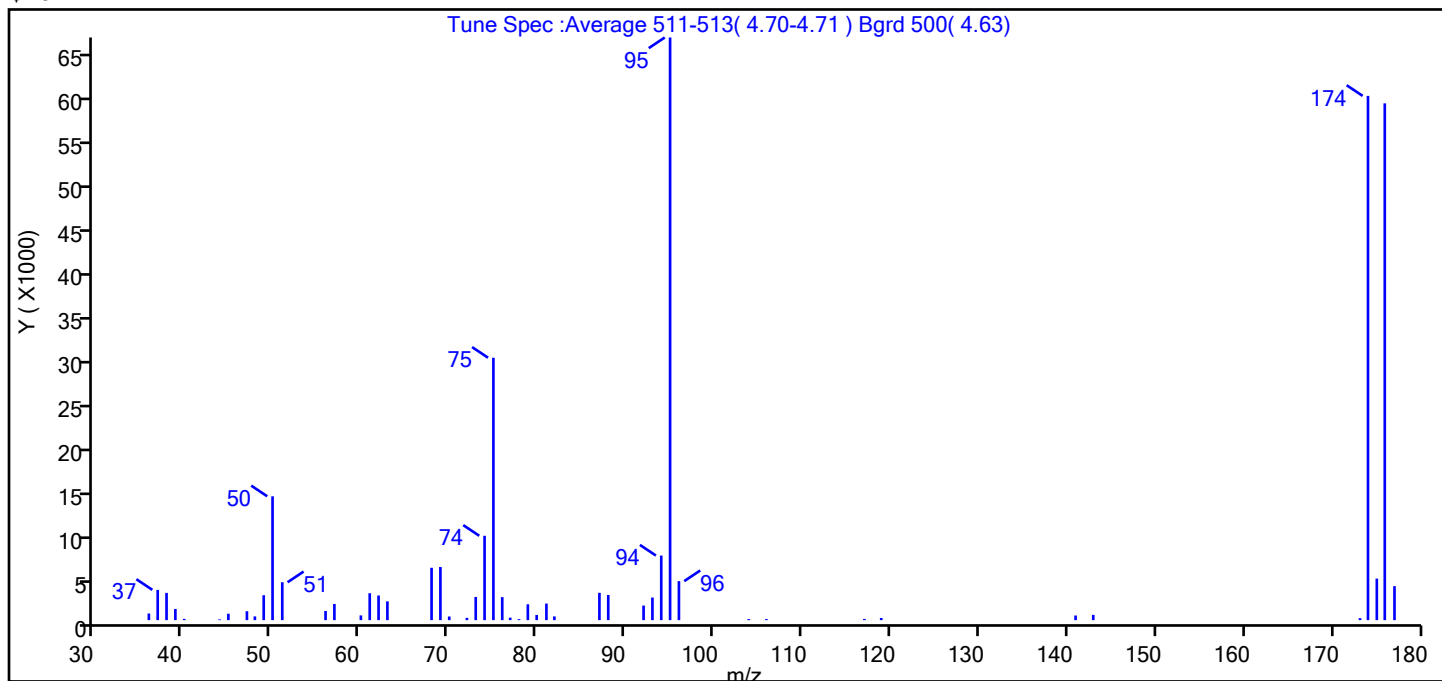
Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1907.D
Injection Date: 30-Jun-2021 09:17:30 Instrument ID: HP5975D
Lims ID: BFB
Client ID:
Operator ID: OI ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Tune Method: BFB Method 8260

\$ 61 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.3
75	30 to 60% of m/z 95	45.0
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	90.0
175	5 to 9% of m/z 174	7.1 (7.9)
176	Greater than 95% but less than 101% of m/z 174	88.7 (98.6)
177	5 to 9% of m/z 176	5.8 (6.6)

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\1907.D\1907.D-8260.rslt\spectra.d
Injection Date: 30-Jun-2021 09:17:30
Spectrum: Tune Spec :Average 511-513(4.70-4.71) Bgrd 500(4.63)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 50

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	761	57.00	1859	77.00	288	104.00	124
37.00	3478	60.00	545	78.00	117	106.00	122
38.00	3132	61.00	3092	79.00	1823	117.00	143
39.00	1287	62.00	2834	80.00	595	119.00	248
40.00	147	63.00	2157	81.00	1905	141.00	533
44.00	89	68.00	6017	82.00	427	143.00	605
45.00	735	69.00	6109	87.00	3142	173.00	229
47.00	1027	70.00	421	88.00	2892	174.00	60240
48.00	430	72.00	266	92.00	1675	175.00	4773
49.00	2862	73.00	2662	93.00	2597	176.00	59384
50.00	14231	74.00	9693	94.00	7421	177.00	3908
51.00	4357	75.00	30152	95.00	66952		
56.00	1053	76.00	2646	96.00	4484		

Report Date: 30-Jun-2021 09:30:01

Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1907.D

Injection Date: 30-Jun-2021 09:17:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: BFB

Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 uL

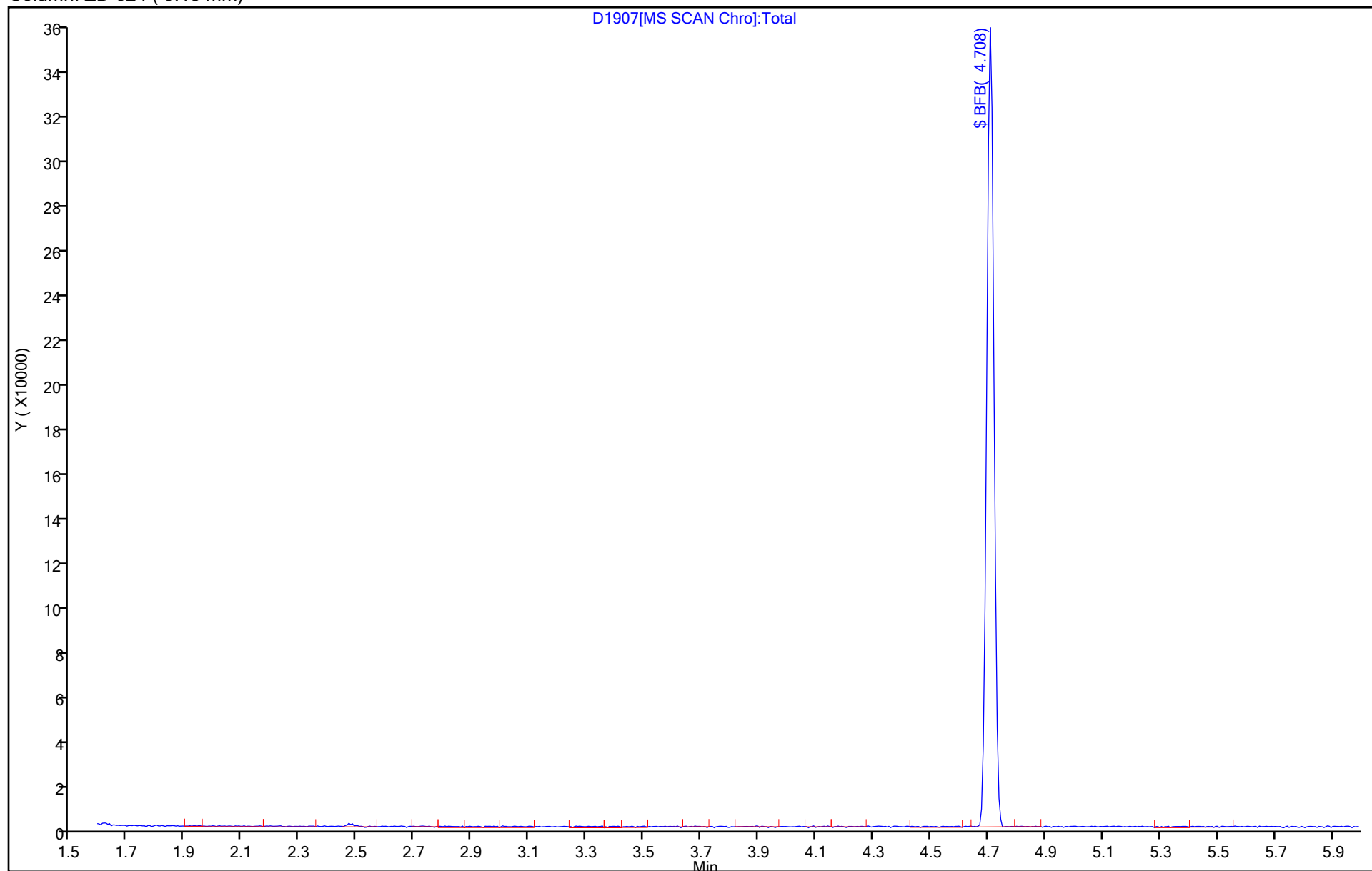
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-587545/7
 Matrix: Water Lab File ID: D1912.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 11:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-587545/7
 Matrix: Water Lab File ID: D1912.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 11:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-120
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1912.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 30-Jun-2021 11:17:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 480-0099624-007
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jun-2021 15:17:12 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: izquierdoo

Date: 30-Jun-2021 15:17:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	138392	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	292620	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	95	299240	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	196803	25.0	24.2	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	116795	25.0	23.4	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	667942	25.0	24.7	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	225935	25.0	23.7	
10 Dichlorodifluoromethane	85		1.526					ND	
11 Chlorodifluoromethane	51		1.551					ND	
12 Chloromethane	50		1.740					ND	
13 Vinyl chloride	62		1.849					ND	
144 Butadiene	54		1.874					ND	
14 Bromomethane	94		2.221					ND	
15 Chloroethane	64		2.343					ND	
17 Trichlorofluoromethane	101		2.557					ND	
16 Dichlorofluoromethane	67		2.563					ND	
141 Ethanol	45		2.855					ND	
18 Ethyl ether	59		2.855					ND	
19 Propene oxide	58		2.953					ND	
20 Acrolein	56		3.038					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.087					ND	
22 1,1-Dichloroethene	96		3.087					ND	
23 Acetone	43		3.191					ND	
25 Iodomethane	142		3.258					ND	
26 Carbon disulfide	76		3.294					ND	
24 Isopropyl alcohol	45		3.367					ND	
28 3-Chloro-1-propene	41		3.441					ND	
27 Methyl acetate	43		3.471					ND	
29 Acetonitrile	40		3.489					ND	
30 Methylene Chloride	84	3.575	3.575	0.000	90	4922		0.3908	M
31 2-Methyl-2-propanol	59		3.715					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
32 Methyl tert-butyl ether	73		3.776					ND	
34 trans-1,2-Dichloroethene	96		3.788					ND	
33 Acrylonitrile	53		3.831					ND	
35 Hexane	57		3.965					ND	
36 Isopropyl ether	45		4.166					ND	
39 1,1-Dichloroethane	63		4.166					ND	
132 Halothane	117		4.184					ND	
37 Vinyl acetate	43		4.197					ND	
40 2-Chloro-1,3-butadiene	53		4.221					ND	
38 1,1-Dimethoxyethane	75		4.221					ND	
41 Tert-butyl ethyl ether	59		4.465					ND	
44 2,2-Dichloropropane	77		4.623					ND	
45 cis-1,2-Dichloroethene	96		4.654					ND	
43 2-Butanone (MEK)	43		4.666					ND	
42 Ethyl acetate	43		4.690					ND	
46 Propionitrile	54		4.757					ND	
47 Methacrylonitrile	41		4.855					ND	
48 Chlorobromomethane	128		4.855					ND	
49 Tetrahydrofuran	42		4.867					ND	
50 Chloroform	83		4.910					ND	
51 1,1,1-Trichloroethane	97		5.020					ND	
52 Cyclohexane	56		5.038					ND	
55 Carbon tetrachloride	117		5.141					ND	
54 1,1-Dichloropropene	75		5.148					ND	
53 Isobutyl alcohol	43		5.276					ND	
146 Isooctane	57		5.312					ND	
57 Benzene	78		5.318					ND	
140 t-Amyl alcohol	59		5.342					ND	
56 Tert-amyl methyl ether	73		5.361					ND	
58 1,2-Dichloroethane	62		5.367					ND	
59 n-Heptane	43		5.440					ND	
1 1,4-Difluorobenzene	114		5.611					ND	
154 2,4,4-Trimethyl-1-pentene	55		5.727					ND	
60 n-Butanol	56		5.788					ND	
62 Trichloroethene	95		5.812					ND	
145 Ethyl acrylate	55		5.885					ND	
153 2,4,4-Trimethyl-2-pentene	97		5.904					ND	
64 Methylcyclohexane	83		5.922					ND	
65 1,2-Dichloropropane	63		6.007					ND	
63 Methyl methacrylate	41		6.056					ND	
66 1,4-Dioxane	88		6.111					ND	
67 Dibromomethane	93		6.123					ND	
68 Dichlorobromomethane	83		6.233					ND	
70 2-Nitropropane	43		6.428					ND	
69 2-Chloroethyl vinyl ether	63		6.428					ND	
71 Epichlorohydrin	57		6.519					ND	
72 cis-1,3-Dichloropropene	75		6.562					ND	
73 4-Methyl-2-pentanone (MIBK)	43		6.653					ND	U
74 Toluene	92		6.800					ND	
76 2-Methylthiophene	97		6.915					ND	
77 trans-1,3-Dichloropropene	75		7.001					ND	
75 Ethyl methacrylate	69		7.007					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
78 3-Methylthiophene	97		7.043					ND	
79 1,1,2-Trichloroethane	83		7.153					ND	
81 Tetrachloroethene	166		7.226					ND	
82 1,3-Dichloropropane	76		7.287					ND	
80 2-Hexanone	43		7.306					ND	
155 n-Butyl acetate	43		7.379					ND	
83 Chlorodibromomethane	129		7.476					ND	
84 Ethylene Dibromide	107		7.574					ND	
139 1-Chlorohexane	55		7.866					ND	U
85 3-Chlorobenzotrifluoride	180		7.872					ND	
86 4-Chlorobenzotrifluoride	180		7.915					ND	
87 Chlorobenzene	112		7.940					ND	
88 Ethylbenzene	91		7.988					ND	
89 1,1,1,2-Tetrachloroethane	131		8.001					ND	
90 m-Xylene & p-Xylene	106		8.080					ND	
91 o-Xylene	106		8.415					ND	
92 Styrene	104		8.433					ND	
93 2-Chlorobenzotrifluoride	180		8.635					ND	
95 Bromoform	173		8.647					ND	
94 Isopropylbenzene	105		8.702					ND	
96 Cyclohexanone	55		8.860					ND	
101 Bromobenzene	156		9.013					ND	
97 1,1,2,2-Tetrachloroethane	83		9.013					ND	
99 N-Propylbenzene	91		9.043					ND	
98 trans-1,4-Dichloro-2-butene	53		9.043					ND	
100 1,2,3-Trichloropropane	110		9.055					ND	
103 2-Chlorotoluene	126		9.153					ND	
102 1,3,5-Trimethylbenzene	105		9.183					ND	
104 3-Chlorotoluene	126		9.201					ND	
105 4-Chlorotoluene	126		9.238					ND	
106 tert-Butylbenzene	134		9.458					ND	
107 1,2,4-Trimethylbenzene	105		9.506					ND	
108 Pentachloroethane	167		9.531					ND	
109 sec-Butylbenzene	105		9.641					ND	
110 4-Isopropyltoluene	119		9.756					ND	
111 1,3-Dichlorobenzene	146		9.787					ND	
114 Dicyclopentadiene	66		9.854					ND	
113 1,4-Dichlorobenzene	146		9.860					ND	
112 1,2,3-Trimethylbenzene	105		9.878					ND	
143 Benzyl chloride	91		9.988					ND	
115 n-Butylbenzene	91		10.104					ND	
116 1,2-Dichlorobenzene	146		10.189					ND	
117 1,2-Dibromo-3-Chloropropane	75		10.872					ND	
118 1,3,5-Trichlorobenzene	180		11.000					ND	
119 1,2,4-Trichlorobenzene	180		11.518					ND	
120 Hexachlorobutadiene	225		11.610					ND	
121 Naphthalene	128		11.726					ND	
122 1,2,3-Trichlorobenzene	180		11.915					ND	
142 2-Methylnaphthalene	142		12.664					ND	
149 Hexachloroethane	117		0.000					ND	
152 cis-1,4-Dichloro-2-butene	88		0.000					ND	
150 Nitrobenzene	77		0.000					ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
S 124 Xylenes, Total	1		30.000					ND	7
S 125 1,2-Dichloroethene, Total	1		30.000					ND	7
S 126 1,3-Dichloropropene, Total	1		30.000					ND	7
S 123 Total BTEX	1		30.000					ND	7
S 157 Trihalomethanes, Total	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1912.D

Injection Date: 30-Jun-2021 11:17:30

Instrument ID: HP5975D

Operator ID: OI

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

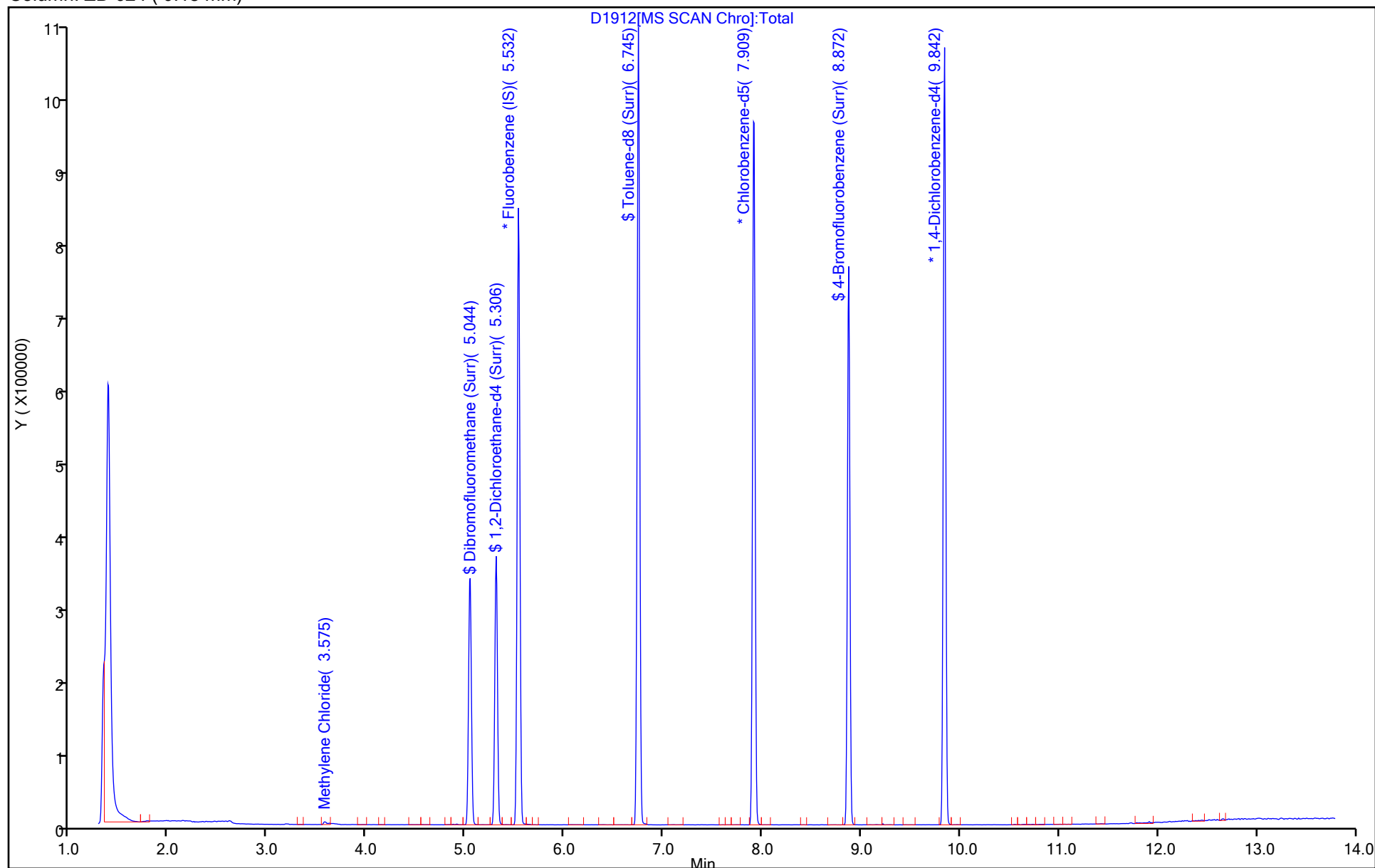
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: D-8260

Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

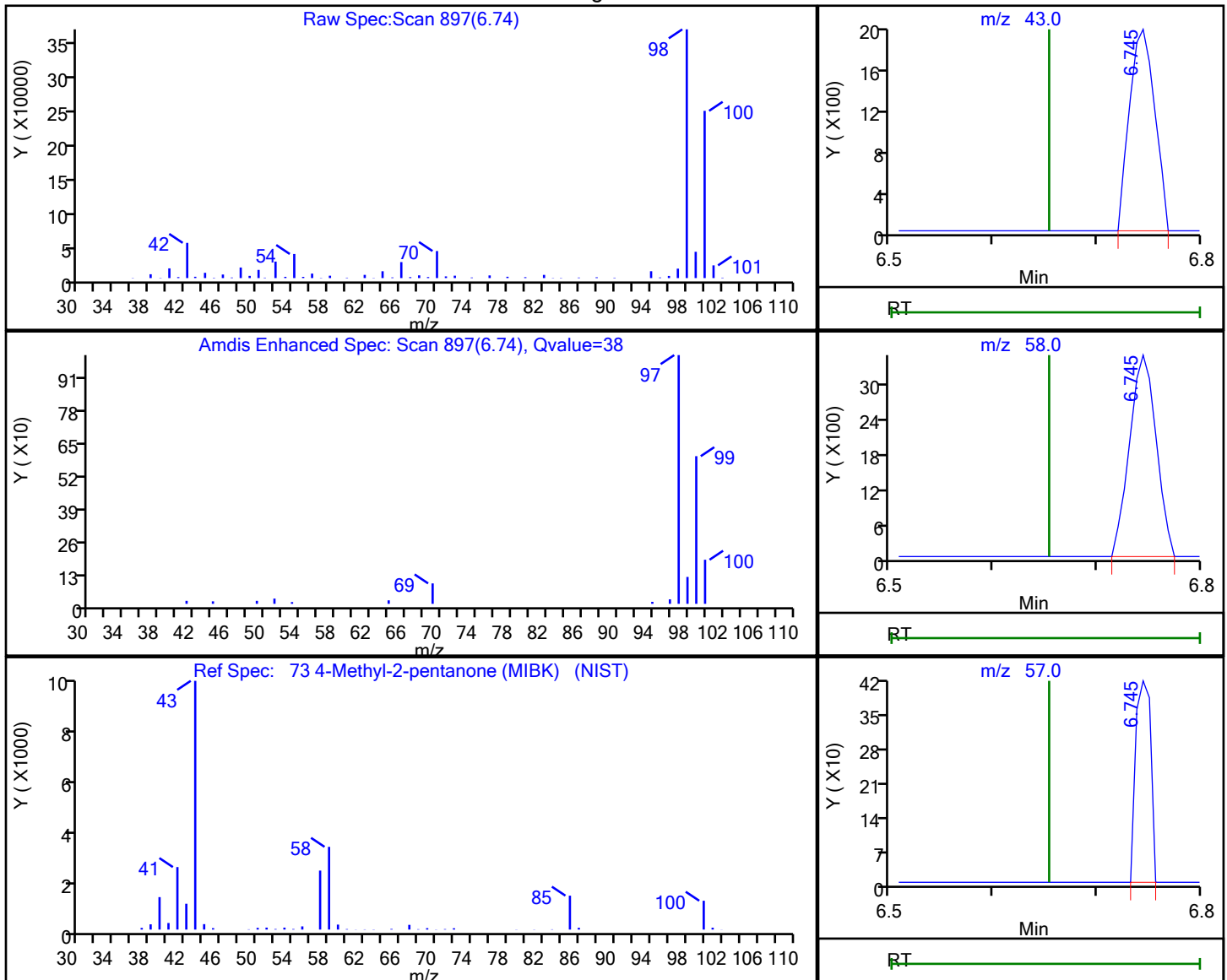


Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1912.D
Injection Date: 30-Jun-2021 11:17:30 Instrument ID: HP5975D
Lims ID: MB
Client ID:
Operator ID: OI ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector MS SCAN

73 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.74	43.00	3284	0.280748
6.74	58.00	6266	
6.74	57.00	425	

Reviewer: izquierdoo, 30-Jun-2021 15:16:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Buffalo

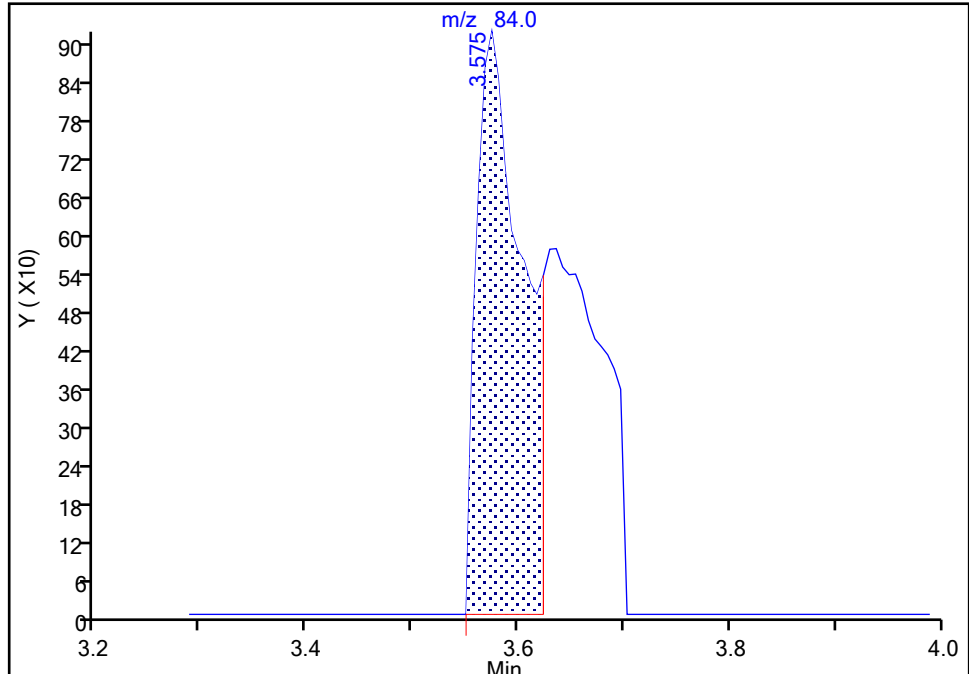
Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1912.D
Injection Date: 30-Jun-2021 11:17:30 Instrument ID: HP5975D
Lims ID: MB
Client ID:
Operator ID: OI ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: D-8260 Limit Group: MV - 8260C ICAL
Column: ZB-624 (0.18 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

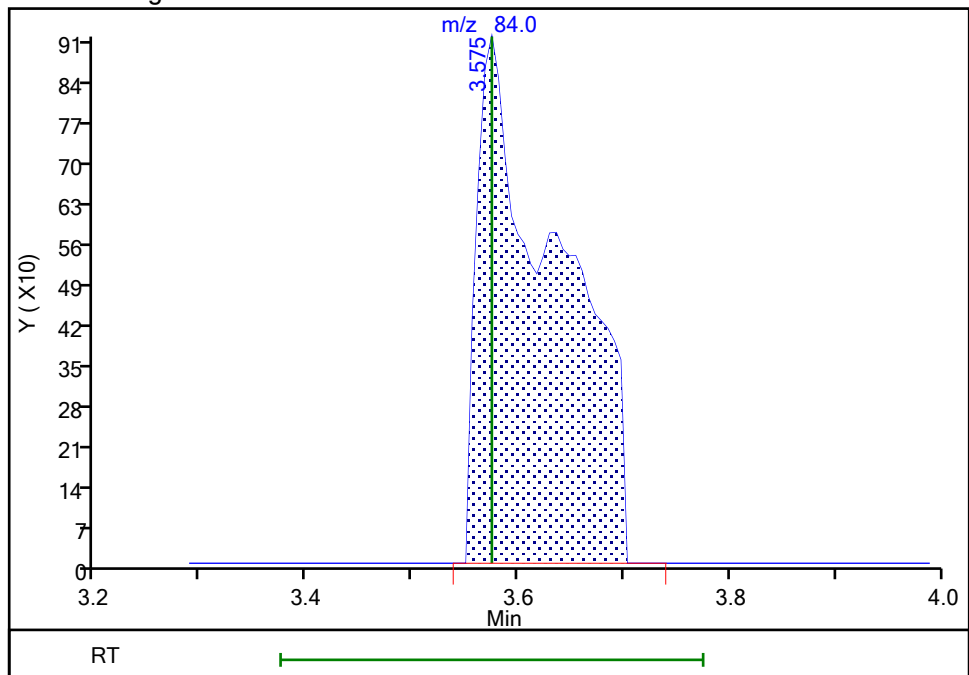
RT: 3.57
Area: 2824
Amount: 0.116766
Amount Units: ug/L

Processing Integration Results



RT: 3.57
Area: 4922
Amount: 0.390763
Amount Units: ug/L

Manual Integration Results



Reviewer: izquierdoo, 30-Jun-2021 15:16:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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07/11/2021

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-587545/5
 Matrix: Water Lab File ID: D1910.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 10:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	27.8		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	24.5		1.0	0.21
79-00-5	1,1,2-Trichloroethane	25.0		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23.4		1.0	0.31
75-34-3	1,1-Dichloroethane	25.5		1.0	0.38
75-35-4	1,1-Dichloroethene	25.5		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	24.4		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		1.0	0.39
106-93-4	1,2-Dibromoethane	24.5		1.0	0.73
95-50-1	1,2-Dichlorobenzene	25.3		1.0	0.79
107-06-2	1,2-Dichloroethane	21.7		1.0	0.21
78-87-5	1,2-Dichloropropane	25.8		1.0	0.72
541-73-1	1,3-Dichlorobenzene	25.5		1.0	0.78
106-46-7	1,4-Dichlorobenzene	25.3		1.0	0.84
591-78-6	2-Hexanone	112		5.0	1.2
78-93-3	2-Butanone (MEK)	111		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	114		5.0	2.1
67-64-1	Acetone	115		10	3.0
71-43-2	Benzene	25.5		1.0	0.41
75-27-4	Bromodichloromethane	24.0		1.0	0.39
75-25-2	Bromoform	23.7		1.0	0.26
74-83-9	Bromomethane	23.3		1.0	0.69
75-15-0	Carbon disulfide	28.0		1.0	0.19
56-23-5	Carbon tetrachloride	24.3		1.0	0.27
108-90-7	Chlorobenzene	24.6		1.0	0.75
124-48-1	Dibromochloromethane	24.2		1.0	0.32
75-00-3	Chloroethane	24.4		1.0	0.32
67-66-3	Chloroform	24.1		1.0	0.34
74-87-3	Chloromethane	21.5		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25.0		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	24.4		1.0	0.36
110-82-7	Cyclohexane	29.8		1.0	0.18
75-71-8	Dichlorodifluoromethane	17.6		1.0	0.68
100-41-4	Ethylbenzene	25.3		1.0	0.74
98-82-8	Isopropylbenzene	25.2		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-587545/5
 Matrix: Water Lab File ID: D1910.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 10:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	45.9		2.5	1.3
1634-04-4	Methyl tert-butyl ether	25.2		1.0	0.16
108-87-2	Methylcyclohexane	29.0		1.0	0.16
75-09-2	Methylene Chloride	26.9		1.0	0.44
100-42-5	Styrene	25.3		1.0	0.73
127-18-4	Tetrachloroethene	24.8		1.0	0.36
108-88-3	Toluene	25.0		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	27.9		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	23.9		1.0	0.37
79-01-6	Trichloroethene	24.7		1.0	0.46
75-69-4	Trichlorofluoromethane	21.5		1.0	0.88
75-01-4	Vinyl chloride	21.8		1.0	0.90
1330-20-7	Xylenes, Total	51.0		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1910.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 30-Jun-2021 10:32:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 480-0099624-005
 Operator ID: OI Instrument ID: HP5975D
 Method: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D-8260.m
 Limit Group: MV - 8260C ICAL
 Last Update: 30-Jun-2021 15:15:06 Calib Date: 25-May-2021 18:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Buffalo\ChromData\HP5975D\20210525-98837.b\D0641.D
 Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1613

First Level Reviewer: izquierdoo

Date: 30-Jun-2021 15:15:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.532	5.532	0.000	98	131534	25.0	25.0	
* 2 Chlorobenzene-d5	82	7.909	7.915	-0.006	87	277622	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	9.842	9.842	0.000	94	297657	25.0	25.0	
\$ 148 Dibromofluoromethane (Surr)	113	5.044	5.044	0.000	93	190465	25.0	24.6	
\$ 4 1,2-Dichloroethane-d4 (Surr)	67	5.306	5.306	0.000	98	110050	25.0	23.2	
\$ 5 Toluene-d8 (Surr)	98	6.745	6.745	0.000	94	642909	25.0	25.1	
\$ 6 4-Bromofluorobenzene (Surr)	174	8.872	8.872	0.000	93	223712	25.0	24.7	
10 Dichlorodifluoromethane	85	1.520	1.526	-0.006	99	147570	25.0	17.6	
12 Chloromethane	50	1.727	1.740	-0.013	99	242201	25.0	21.5	
13 Vinyl chloride	62	1.837	1.849	-0.012	98	195550	25.0	21.8	
144 Butadiene	54	1.868	1.874	-0.006	89	153806	25.0	25.0	
14 Bromomethane	94	2.209	2.221	-0.012	91	123832	25.0	23.3	
15 Chloroethane	64	2.331	2.343	-0.012	98	100560	25.0	24.4	
17 Trichlorofluoromethane	101	2.550	2.557	-0.007	94	199738	25.0	21.5	
16 Dichlorofluoromethane	67	2.557	2.563	-0.006	97	272859	25.0	22.0	
18 Ethyl ether	59	2.855	2.855	0.000	98	167661	25.0	28.2	
20 Acrolein	56	3.038	3.038	0.000	100	39742	125.0	75.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.075	3.087	-0.012	94	156349	25.0	23.4	
22 1,1-Dichloroethene	96	3.087	3.087	0.000	95	154930	25.0	25.5	
23 Acetone	43	3.184	3.191	-0.007	99	369740	125.0	115.0	
25 Iodomethane	142	3.270	3.258	0.012	99	298463	25.0	28.5	
26 Carbon disulfide	76	3.294	3.294	0.000	100	454031	25.0	28.0	
28 3-Chloro-1-propene	41	3.434	3.441	-0.007	91	321057	25.0	28.6	
27 Methyl acetate	43	3.471	3.471	0.000	100	376667	50.0	45.9	
30 Methylene Chloride	84	3.581	3.575	0.006	97	197528	25.0	26.9	
31 2-Methyl-2-propanol	59	3.709	3.709	-0.006	99	133329	250.0	138.1	M
32 Methyl tert-butyl ether	73	3.770	3.776	-0.006	97	276333	25.0	25.2	
34 trans-1,2-Dichloroethene	96	3.788	3.788	0.000	94	172105	25.0	27.9	
33 Acrylonitrile	53	3.825	3.831	-0.006	98	931759	250.0	237.0	
35 Hexane	57	3.965	3.965	0.000	95	290266	25.0	26.2	
39 1,1-Dichloroethane	63	4.166	4.166	0.000	96	347735	25.0	25.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
37 Vinyl acetate	43	4.196	4.197	0.000	96	1030866	50.0	46.5	
44 2,2-Dichloropropane	77	4.623	4.623	0.000	89	116546	25.0	28.7	
45 cis-1,2-Dichloroethene	96	4.648	4.654	-0.006	85	196284	25.0	25.0	
43 2-Butanone (MEK)	43	4.666	4.666	0.000	98	617962	125.0	110.5	
48 Chlorobromomethane	128	4.855	4.855	0.000	96	112770	25.0	25.5	
49 Tetrahydrofuran	42	4.867	4.867	0.000	93	163095	50.0	44.9	
50 Chloroform	83	4.910	4.910	0.000	94	323828	25.0	24.1	
51 1,1,1-Trichloroethane	97	5.019	5.020	-0.001	98	234400	25.0	27.8	
52 Cyclohexane	56	5.032	5.038	-0.006	95	250270	25.0	29.8	
55 Carbon tetrachloride	117	5.141	5.141	0.000	98	209165	25.0	24.3	
54 1,1-Dichloropropene	75	5.141	5.148	-0.007	94	235684	25.0	24.8	
53 Isobutyl alcohol	43	5.276	5.276	0.000	94	312753	625.0	508.3	
57 Benzene	78	5.318	5.318	0.000	97	696416	25.0	25.5	
58 1,2-Dichloroethane	62	5.367	5.367	0.000	96	269486	25.0	21.7	
59 n-Heptane	43	5.440	5.440	0.000	98	343384	25.0	24.5	
62 Trichloroethene	95	5.812	5.812	0.000	97	189175	25.0	24.7	
64 Methylcyclohexane	83	5.922	5.922	0.000	97	269559	25.0	29.0	
65 1,2-Dichloropropane	63	6.007	6.007	0.000	96	213393	25.0	25.8	
66 1,4-Dioxane	88	6.111	6.111	0.000	99	43060	500.0	406.1	M
67 Dibromomethane	93	6.123	6.123	0.000	96	134534	25.0	24.1	
68 Dichlorobromomethane	83	6.233	6.233	0.000	98	253894	25.0	24.0	
69 2-Chloroethyl vinyl ether	63	6.428	6.428	0.000	91	11530	25.0	1.93	
72 cis-1,3-Dichloropropene	75	6.562	6.562	0.000	93	303455	25.0	24.4	
73 4-Methyl-2-pentanone (MIBK)	43	6.653	6.653	0.000	98	1261983	125.0	113.7	
74 Toluene	92	6.800	6.800	0.000	98	437866	25.0	25.0	
77 trans-1,3-Dichloropropene	75	7.001	7.001	0.000	96	279931	25.0	23.9	
75 Ethyl methacrylate	69	7.007	7.007	0.000	95	252304	25.0	24.5	
79 1,1,2-Trichloroethane	83	7.153	7.153	0.000	92	155359	25.0	25.0	
81 Tetrachloroethene	166	7.226	7.226	0.000	97	202261	25.0	24.8	
82 1,3-Dichloropropane	76	7.287	7.287	0.000	99	299995	25.0	24.9	
80 2-Hexanone	43	7.306	7.306	0.000	98	914519	125.0	111.6	
83 Chlorodibromomethane	129	7.476	7.476	0.000	91	216397	25.0	24.2	
84 Ethylene Dibromide	107	7.574	7.574	0.000	98	204217	25.0	24.5	
87 Chlorobenzene	112	7.934	7.940	-0.006	98	507538	25.0	24.6	
88 Ethylbenzene	91	7.988	7.988	0.000	99	832308	25.0	25.3	
89 1,1,1,2-Tetrachloroethane	131	8.001	8.001	0.000	96	195286	25.0	24.9	
90 m-Xylene & p-Xylene	106	8.080	8.080	0.000	99	327593	25.0	25.6	
91 o-Xylene	106	8.415	8.415	0.000	98	317141	25.0	25.4	
92 Styrene	104	8.433	8.433	0.000	94	552318	25.0	25.3	
95 Bromoform	173	8.647	8.647	0.000	97	159266	25.0	23.7	
94 Isopropylbenzene	105	8.702	8.702	0.000	96	813597	25.0	25.2	
101 Bromobenzene	156	9.013	9.013	0.000	91	244062	25.0	25.1	
97 1,1,2,2-Tetrachloroethane	83	9.007	9.013	-0.007	85	264366	25.0	24.5	
99 N-Propylbenzene	91	9.043	9.043	0.000	98	998690	25.0	25.5	
98 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	72	77991	25.0	19.9	
100 1,2,3-Trichloropropane	110	9.049	9.055	-0.006	86	70398	25.0	23.2	
103 2-Chlorotoluene	126	9.153	9.153	0.000	98	213004	25.0	25.6	
102 1,3,5-Trimethylbenzene	105	9.183	9.183	0.000	94	687807	25.0	25.5	
105 4-Chlorotoluene	126	9.238	9.238	0.000	97	223112	25.0	25.8	
106 tert-Butylbenzene	134	9.458	9.458	0.000	93	138940	25.0	25.5	
107 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	97	711915	25.0	25.4	
109 sec-Butylbenzene	105	9.641	9.641	0.000	94	893268	25.0	25.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
110 4-Isopropyltoluene	119	9.756	9.756	0.000	97	789034	25.0	25.6	
111 1,3-Dichlorobenzene	146	9.787	9.787	0.000	98	451048	25.0	25.5	
113 1,4-Dichlorobenzene	146	9.860	9.860	0.000	97	460378	25.0	25.3	
115 n-Butylbenzene	91	10.104	10.104	0.000	98	734832	25.0	25.5	
116 1,2-Dichlorobenzene	146	10.189	10.189	0.000	99	439700	25.0	25.3	
117 1,2-Dibromo-3-Chloropropane	75	10.872	10.872	0.000	87	47844	25.0	20.9	
119 1,2,4-Trichlorobenzene	180	11.512	11.518	-0.006	95	340840	25.0	24.4	
120 Hexachlorobutadiene	225	11.604	11.610	-0.006	97	164448	25.0	24.0	
121 Naphthalene	128	11.725	11.726	-0.001	97	828080	25.0	23.3	
122 1,2,3-Trichlorobenzene	180	11.914	11.915	-0.001	96	326524	25.0	23.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260 CORP mix_00209

Amount Added: 12.50

Units: uL

GAS CORP mix_00461

Amount Added: 12.50

Units: uL

D 8260 IS/SUR_00030

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Buffalo

Data File: \\chromfs\Buffalo\ChromData\HP5975D\20210630-99624.b\D1910.D

Injection Date: 30-Jun-2021 10:32:30

Instrument ID: HP5975D

Lims ID: LCS

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: D-8260

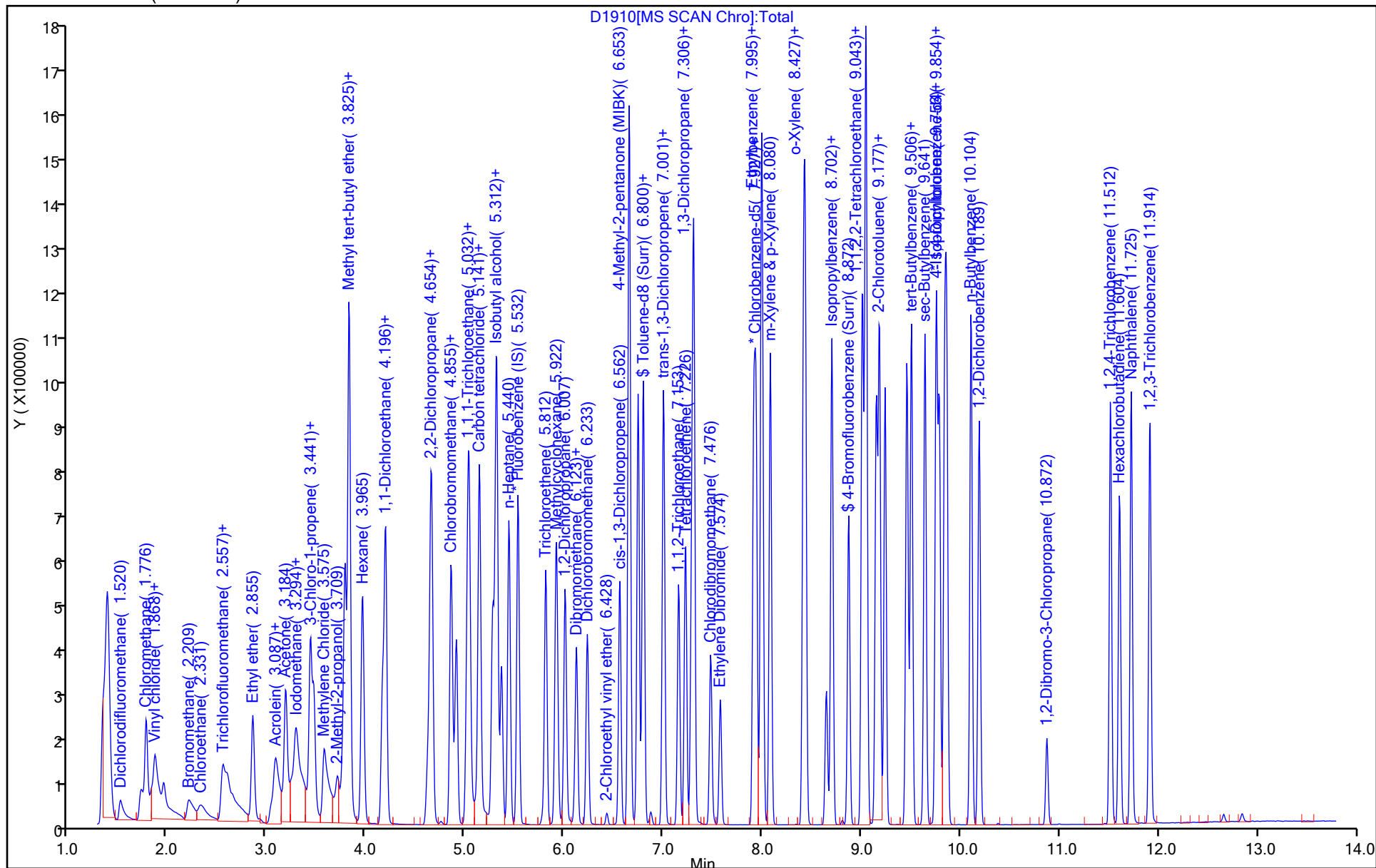
Limit Group: MV - 8260C ICAL

Column: ZB-624 (0.18 mm)

Operator ID: OI

Worklist Smp#: 5

ALS Bottle#: 5



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, BuffaloJob No.: 480-186567-1

SDG No.: _____

Instrument ID: HP5975DStart Date: 05/25/2021 10:43Analysis Batch Number: 582488End Date: 05/25/2021 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-582488/4		05/25/2021 10:43	1	D0620.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/6		05/25/2021 11:30	1	D0622.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/7		05/25/2021 11:53	1	D0623.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/8		05/25/2021 12:15	1	D0624.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/9		05/25/2021 12:38	1	D0625.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/10		05/25/2021 13:01	1	D0626.D	ZB-624 (20) 0.18 (mm)
ICIS 480-582488/11		05/25/2021 13:23	1	D0627.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/12		05/25/2021 13:45	1	D0628.D	ZB-624 (20) 0.18 (mm)
IC 480-582488/13		05/25/2021 14:08	1	D0629.D	ZB-624 (20) 0.18 (mm)
MDLV 480-582488/16		05/25/2021 15:14	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/19		05/25/2021 16:21	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/20		05/25/2021 16:43	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/21		05/25/2021 17:06	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/22		05/25/2021 17:28	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/23		05/25/2021 17:50	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/24		05/25/2021 18:13	1		ZB-624 (20) 0.18 (mm)
IC 480-582488/25		05/25/2021 18:35	1		ZB-624 (20) 0.18 (mm)
MDLV 480-582488/28		05/25/2021 19:43	1		ZB-624 (20) 0.18 (mm)
ICV 480-582488/29		05/25/2021 20:05	1	D0645.D	ZB-624 (20) 0.18 (mm)
ICV 480-582488/30		05/25/2021 20:28	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, BuffaloJob No.: 480-186567-1

SDG No.: _____

Instrument ID: HP5975DStart Date: 06/30/2021 09:17Analysis Batch Number: 587545End Date: 06/30/2021 20:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 480-587545/2		06/30/2021 09:17	1	D1907.D	ZB-624 (20) 0.18 (mm)
CCVIS 480-587545/3		06/30/2021 09:47	1	D1908.D	ZB-624 (20) 0.18 (mm)
CCV 480-587545/4		06/30/2021 10:09	1		ZB-624 (20) 0.18 (mm)
LCS 480-587545/5		06/30/2021 10:32	1	D1910.D	ZB-624 (20) 0.18 (mm)
MB 480-587545/7		06/30/2021 11:17	1	D1912.D	ZB-624 (20) 0.18 (mm)
480-186567-1	TRIP BLANK-62521	06/30/2021 11:52	1	D1913.D	ZB-624 (20) 0.18 (mm)
480-186567-2	FB-62521	06/30/2021 12:15	1	D1914.D	ZB-624 (20) 0.18 (mm)
480-186567-3	DUP-62521	06/30/2021 12:37	1	D1915.D	ZB-624 (20) 0.18 (mm)
480-186567-4	MW-1-62521	06/30/2021 13:00	1	D1916.D	ZB-624 (20) 0.18 (mm)
480-186567-5	MW-2-62521	06/30/2021 13:22	1	D1917.D	ZB-624 (20) 0.18 (mm)
480-186567-6	MW-3-62521	06/30/2021 13:44	1	D1918.D	ZB-624 (20) 0.18 (mm)
480-186567-7	MW-4-62521	06/30/2021 14:07	1	D1919.D	ZB-624 (20) 0.18 (mm)
480-186567-8	MW-7-62521	06/30/2021 14:30	1	D1920.D	ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 14:52	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 15:14	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 15:36	5		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 15:58	2000		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 16:21	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 16:43	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 17:05	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 17:28	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 17:50	4		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 18:13	20		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 18:35	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 18:58	2		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 19:20	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 19:43	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 20:06	1		ZB-624 (20) 0.18 (mm)
ZZZZZ		06/30/2021 20:28	1		ZB-624 (20) 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Batch Number: 582488 Batch Start Date: 05/25/21 10:43 Batch Analyst: Hill, Leah CBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8260 CORP mix 00208	BFB_WRK 00121	D 8260 IS/SUR 00028	GAS CORP mix 00456
BFB 480-582488/4		8260C		1 uL	1 uL		1 uL		
IC 480-582488/6		8260C		5 mL	5 mL	0.4 uL		1 uL	0.4 uL
IC 480-582488/7		8260C		5 mL	5 mL	1 uL		1 uL	1 uL
IC 480-582488/8		8260C		5 mL	5 mL	2 uL		1 uL	2 uL
IC 480-582488/9		8260C		5 mL	5 mL	5 uL		1 uL	5 uL
IC 480-582488/10		8260C		5 mL	5 mL	5 uL		1 uL	5 uL
ICIS 480-582488/11		8260C		5 mL	5 mL	12.5 uL		1 uL	12.5 uL
IC 480-582488/12		8260C		5 mL	5 mL	25 uL		1 uL	25 uL
IC 480-582488/13		8260C		5 mL	5 mL	50 uL		1 uL	50 uL
ICV 480-582488/29		8260C		5 mL	5 mL			1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SS 8260 CORP 00092	SS GAS CORP 00405				
BFB 480-582488/4		8260C							
IC 480-582488/6		8260C							
IC 480-582488/7		8260C							
IC 480-582488/8		8260C							
IC 480-582488/9		8260C							
IC 480-582488/10		8260C							
ICIS 480-582488/11		8260C							
IC 480-582488/12		8260C							
IC 480-582488/13		8260C							
ICV 480-582488/29		8260C		12.5 uL	12.5 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.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Batch Number: 582488 Batch Start Date: 05/25/21 10:43 Batch Analyst: Hill, Leah CBatch Method: 8260C Batch End Date: _____

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.

8260C

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Batch Number: 587545 Batch Start Date: 06/30/21 09:17 Batch Analyst: LaPointe, Cody RBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00209	BFB_WRK 00122	D 8260 IS/SUR 00030
BFB 480-587545/2		8260C		1 uL	1 uL			1 uL	
CCVIS 480-587545/3		8260C		5 mL	5 mL		12.5 uL		1 uL
LCS 480-587545/5		8260C		5 mL	5 mL		12.5 uL		1 uL
MB 480-587545/7		8260C		5 mL	5 mL				1 uL
480-186567-B-1	TRIP BLANK-62421	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-2	FB-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-3	DUP-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-4	MW-1-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-5	MW-2-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-6	MW-3-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-7	MW-4-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL
480-186567-B-8	MW-7-62521	8260C	T	5 mL	5 mL	<2 SU			1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS CORP mix 00461					
BFB 480-587545/2		8260C							
CCVIS 480-587545/3		8260C		12.5 uL					
LCS 480-587545/5		8260C		12.5 uL					
MB 480-587545/7		8260C							
480-186567-B-1	TRIP BLANK-62421	8260C	T						
480-186567-B-2	FB-62521	8260C	T						
480-186567-B-3	DUP-62521	8260C	T						
480-186567-B-4	MW-1-62521	8260C	T						
480-186567-B-5	MW-2-62521	8260C	T						
480-186567-B-6	MW-3-62521	8260C	T						
480-186567-B-7	MW-4-62521	8260C	T						
480-186567-B-8	MW-7-62521	8260C	T						

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.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186567-1

SDG No.: _____

Batch Number: 587545 Batch Start Date: 06/30/21 09:17 Batch Analyst: LaPointe, Cody RBatch Method: 8260C Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

Client Information		Lab PM: Stone, Judy L		Carrier Tracking No(s):		COC No: 480-161413-29884.1				
Client Contact: Mr. Brian Jankauskas		Phone: 518-402-9626		E-Mail: Judy.Stone@Eurofinset.com		Page: Page 1 of 1				
Company: New York State D.E.C.		PWSID:		State of Origin:		Job #:				
Address: 625 Broadway 9th Floor		Due Date Requested:		Analysis Requested						
City: Albany		TAT Requested (days): 30								
State, Zip: NY, 12233-7258		Compliance Project: ☐ Yes ☐ No								
Phone: 518-402-9626(Tel)		PO #: Callout 138031								
Email: brian.jankauskas@dec.ny.gov		WO #:								
Project Name: Camarota Cleaners #546044		Project #:								
Site:		SSOW#:								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL List VOAs	8260C - TCL List VOAs	Special Instructions/Note:
Tip Blank - 62521	6/25/21				Water					
MB - 62521	6/25/21	1315		G	Water					
MB - 62521	6/25/21			G	Water					
MB - 1 - 62521	6/25/21	1320		G	Water					
MB - 2 - 62521	6/25/21	1335		G	Water					
MB - 3 - 62521	6/25/21	1340		G	Water					
MB - 4 - 62521	6/25/21	1335		G	Water					
MB - 7 - 62521	6/25/21	1325		G	Water					
Field Blank					Water					
Tip Blank					Water					
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
Deliverable Requested: I, II, III, IV, Other (specify) MS CAT B, NYS EDD				☐ Return To Client ☒ Disposal By Lab ☐ Archive For		Months				
Special Instructions/QC Requirements:										
Imply Kit Relinquished by:		Date:		Time:		Method of Shipment				
Received by: [Signature]		Date/Time: 6/25/21 1525		Company: [Signature]		Received by: [Signature]		Date/Time: 6/25/21 1525		Company: [Signature]
Received by: [Signature]		Date/Time: 6/25/21 1700		Company: [Signature]		Received by: [Signature]		Date/Time: 6/26/21 0600		Company: [Signature]
Received by: [Signature]		Date/Time:		Company:		Received by: [Signature]		Date/Time:		Company: [Signature]
Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:
☐ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No		☐ Yes ☐ No

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-186567-1

Login Number: 186567

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	NYSDEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Appendix C

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation

625 Broadway, 11th Floor, Albany, NY 12233-720

P: (518)402-9543 | F: (518)402-9547

www.dec.ny.gov

Standby Consultant/Contractor Reminder Notice: 4/5/2021 Site Management Periodic Review

Project Manager
NYSDEC
625 Broadway, 12th Floor
Albany, NY 12233-7015

Site Name: Camarota Cleaners
Site No.: 546044
Site Address: 325-327 Park Ave
Mechanicville, NY 12118

Dear Project Manager:

This letter and attached certification have been mailed to you because you are the listed standby consultant/contractor for a state-funded State Superfund site that is currently in the site management (SM) phase of remediation. This letter is intended to serve as a reminder that sites in active Site Management undergo a periodic review to ensure that the selected remedy continues to be protective and that a report is due. This review and resulting report, referred to as the Periodic Review Report (PRR), will document the implementation and compliance with site specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (http://www.dec.ny.gov/docs/remediation_hudson_pdf/der10.pdf) provides guidance regarding the information that should be included in the PRR. A generic outline is attached as Enclosure 3 "Periodic Review Report (PRR) General Outline".

Please provide a PRR and sign and date the attached certification (Enclosure 1 "Engineering Controls - Standby Consultant/Contractor") by June 01, 2021. The PRR shall encompass the entire reporting period as indicated on the enclosed certification. If there has been a change in standby consultants/contractors during the reporting period, the certification you provide may rely on reports and documentation issued by previous consultants/contractors. In this instance, the DEC understands that data and material included in previous consultants/contractors' reports and documentation was not created by you, but that it has been reviewed and accepted as valid by you, to the best of your knowledge.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for the site was completed, SM may be governed by multiple individual documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan; etc.) or one comprehensive Site Management Plan.



Department of
Environmental
Conservation

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional and/or engineering controls (“IC/EC Plan”); a plan for monitoring the performance and effectiveness of the selected remedy (“Monitoring Plan”); and/or a plan for the operation and maintenance of the selected remedy (“O&M Plan”).

Additionally, the technical requirements and objectives for SM are stated in the decision document (e.g., Record of Decision).

When you submit the PRR, include the enclosed form (Enclosure 1), signed, certifying that all SM requirements are being met. The Engineering Controls (ECs) portion of the form must be signed by a Qualified Environmental Professional. If you cannot certify that all SM requirements are being met, a Corrective Measures Work Plan will be developed in conjunction with the DEC. This work plan shall include scheduling of activities as well as detailed cost information in a proposed budget. The work plan will be subject to final review and must be approved by the Department before any work included in the Work Plan shall commence. Instructions for completing the enclosed form are included as Enclosure 2 “Certification Instructions.”

The certification form and PRR shall be submitted in electronic format unless a hard copy is specified by the DEC project manager. All supporting documentation (e.g., data, reports, etc.) should be submitted in electronic format only. These documents and electronic submissions should be sent to Brian Jankauskas, Project Manager.

New York State Department of Environmental Conservation
Division of Environmental Remediation, BURA
625 Broadway
Albany, NY 12233-7015

Phone number: 518-402-9626. E-mail: brian.jankauskas@dec.ny.gov

Enclosures

cc: Brian Jankauskas, Project Manager / John Swartwout, Section Chief



Enclosure 1
Engineering Controls - Standby Consultant/Contractor Certification Form



Site Details		Box 1	
Site No.	546044		
Site Name Camarota Cleaners			
Site Address: 325-327 Park Ave Zip Code: 12118			
City/Town: Mechanicville			
County: Saratoga			
Site Acreage: 0.1			
Reporting Period: May 02, 2020 to May 02, 2021			
		YES	NO
1.	Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.			
2.	To your knowledge has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3.	To your knowledge has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4.	To your knowledge have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5.	To your knowledge is the site currently undergoing development?	☐	☒

		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Residential, Restricted-Residential, Commercial, and Industrial	☒	☐
7.	Are all ICs/ECs in place and functioning as designed?	☒	☐
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.			
_____ Signature of Standby Consultant/Contractor		_____ Date	

SITE NO. 546044

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

262.61-4-1

Starrbuilt Custom Homes, LLC

Ground Water Use Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

- Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- (a) requires periodic certification of institutional and engineering controls;
- (b) land use is subject to local zoning laws, the remedy allows the use and development of the controlled property for residential use;
- (c) restricts the use of groundwater;
- (d) maintaining site access controls and Department notification; and
- (e) requires compliance with the Department approved Site Management Plan, Institutional and Engineering Control Plan, and Groundwater Monitoring Plan.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

262.61-4-1

Vapor Mitigation

- Conduct groundwater sampling.
- Operation and maintenance of the sub-slab depressurization system.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification, including data and material prepared by previous contractors for the current certifying period, if any;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO



2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

- (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) nothing has occurred that would constitute a failure to comply with the Site Management Plan, or equivalent if no Site Management Plan exists.

YES NO



IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.

Signature of Standby Consultant/Contractor

Date

IC/EC CERTIFICATIONS

Qualified Environmental Professional Signature

I certify that all information in Boxes 2 through 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Joseph Starr at Starrbuilt Custom Homes, LLC
print name

PO Box 391

Mechanicville, NY 12118

(print business address)

am certifying as a Qualified Environmental Professional.


Signature of Qualified Environmental Professional

Stamp
(Required for PE)

Date **8/18/21**

Enclosure 2

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the "YES/NO" questions in the Verification of Site Details Section. The Engineering Standby Contractor may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (Boxes 3, 4, and 5)

1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Engineering Standby Contractor should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered. The DEC PM should be contacted to begin development of a plan of proposed corrective measures and an associated schedule for completing the corrective measures, including detailed cost information in a proposed budget. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule and budget, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a revised Periodic Review Report (with a signed IC/EC Certification) must be submitted which covers both the period for which a certification initially could not be provided and the ensuing time period until the correction measure was completed. This revised PRR should be submitted within 45 days after completion of the corrective measures to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6):

Where the site has Institutional and Engineering Controls, the certification statement in Box 6 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

If you certified "YES" for each Institutional and Engineering Control, please complete and sign the IC/EC Certification page.

IV. Certification Form Modifications

Changes to the Certification Form shall be discussed with the Project Manager prior to submission. Any approved changes must be made on the Certification Form provided by Site Control and supporting documentation or reasoning shall be attached.

Enclosure 3
Periodic Review Report (PRR) General Guidance

- I. Executive Summary: (1/2-page or less)
 - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
 - B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
 - 1. progress made during the reporting period toward meeting the remedial objectives for the site
 - 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
 - C. Compliance
 - 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
 - 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
 - D. Recommendations
 - 1. recommend whether any changes to the SMP are needed
 - 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
 - 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
 - A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
 - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.
- IV. IC/EC Plan Compliance Report (if applicable)
 - A. IC/EC Requirements and Compliance
 - 1. Describe each control, its objective, and how performance of the control is evaluated.
 - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
 - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
 - 4. Conclusions and recommendations for changes.
 - B. IC/EC Certification
The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
 - A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
 - B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
 - C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
 - D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
 - E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
 - A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities,

frequencies, recordkeeping, etc.

- B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
- C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluate the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.
- D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.
- E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
 - 1. whether all requirements of each plan were met during the reporting period
 - 2. any requirements not met
 - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
 - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
 - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.